Additions and Renovations to

Community Park Elementary School

372 Witherspoon St, Princeton, NJ 08542

Princeton Public Schools

25 Valley Rd, Princeton, NJ 08540

VOLUMN 1

FVHD architects planners
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TITLE SHEET AND DRAWING INDEX

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No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
G001

ABBREVIATIONS

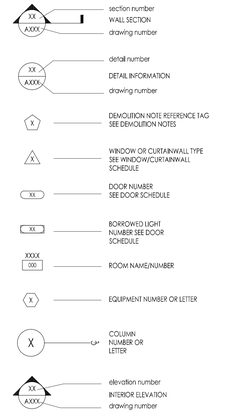
AACB	Acrylic acoustical ceiling board	FA	Fire alarm	N	North	T	Tread
A/C	Air conditioning	FB	Face brick	NIC	Not in contract	TB.	Top of bank
AB	Anchor bolt	FBRK	Fire brick	NO	Number	TC	Terra cotta
ACB	Acoustical ceiling board	FD	Floor drain	NOM	Nominal	TEL	Telephone
AD	Area drain	FE	Fire extinguisher	NRC	Noise reduction coefficient	T&G	Tongue and groove
ADJ	Adjacent	FEC	Fire extinguisher cabinet	NTS	Not to scale	TG.	Top of grate
ADJT	Adjustable	FES	Flared end section			TGR	Top of grade
AFF	Above finished floor	FF	Finish floor			THK	Thick
AGG	Aggregate	FFE	Finished floor elevation	OA	Overall	THR	Threshold
AL	Aluminum	FGL	Fiberglass	OC	On center	TKS	Tackstrip
ALT	Alternating	FIN	Finish	OD	Outside diameter	TLT, TOIL	Toilet
ALT. BID	Alternate bid	FIX	Fixture	OH	Overhead	TOC	Top of curb
ANC	Anchor, Anchorage	FLG	Flashing	OP	Opaque	TOM	Top of masonry
ANOD	Anodized	FLR	Floor	OPG	Opening	TOP	Top of plank
AP	Access panel	FND	Foundation	OPP	Opposite	TOS	Top of steel
APX	Approximate	FR	Frame			TPD	Toilet paper dispenser
ARCH	Architect	FRP	Fiberglass reinforced polyester			TPG	Tempered plate glass
		FP	Fire proof	PAR	Parallel	TPTN	Toilet partition
		FRT	Fire retardant	PBD	Particleboard	TV	Television
BB.	Bottom of bank	FS	Floor sink	PC	Plumbing contractor	TYP	Typical
BD	Board	FT	Feet	PCC	Precast concrete	TZ	Terrazzo
BIT	Bituminous	FTG	Footing	PERI	Perimeter		
BF	Barrier Free	FUR	Furring	PG	Plate glass		
BLDG	Building			PK	Parking	UC	Undercut
BLK	Block			PL	Plate	UL	Underwriter's laboratory
BLKG	Blocking	GA	Gauge	P LAM	Plastic laminate	UNO	Unless Noted Otherwise
BM	Bench mark	GB	Grab bar	PLAS	Plaster	UR	Urinal
BOT	Bottom	GC	General contractor	PNL	Panel		
BRG	Bearing	GCMU	Glazed concrete masonry unit	PNT	Paint (ed)		
BRK	Brick	GD	Grade, grading	PR	Pair	VAT	Vinyl Asbestos Tile
BRZ	Bronze	GEP	Gypsum wall board epoxy painted	PTT	Precast Terrazzo Tile	VB	Vapor Barrier
BS	Both sides	GF	Ground face	PRTT	Precast Resilient Terrazzo Tile	VCT	Vinyl Composition Tile
BUR	Built up roof	GL	Glass, Glazing	PSF	Pounds per square foot	VERT	Vertical
		GLB	Glass block	PSI	Pounds per square inch	VEST	Vestibule
		GP	Gypsum wall board painted	PTD	Paper towel dispenser	VET	Vinyl Enhanced Tile
CAB	Cabinet	GPDW	Gypsum drywall	PTN	Partition	VIF	Verify In Field
CB	Catch basin	GR	Grade	PTR	Paper towel receptor	VIN	Vinyl
CEM	Carpet Entry Mat	GRD.F.BLK	Ground face block	PVC	Polyvinyl chloride	VNR	Veneer
CEM PLAS	Cement plaster	GSFT	Glazed structural facing tile	PVMT	Pavement	VTR	Vent Thru Roof
CEP	CMU epoxy painted	GST	Glazed structural tile	PWD	Plywood		
CFL	Counter flashing	GT	Grout				
CFMF	Cold-Formed Metal Framing	GV	Galvanized			W	West
CHT	Ceiling height	GVL	Gravel	QT	Quarry tile	W/	With
CI	Cast iron	GWB	Gypsum Wall Board	QTY	Quantity	W/O	Without
CJ	Control joint					WB	Wood base
CL	Centerline / closet	HB	Hose bib			WC	Water Closet
CLG	Ceiling	HD	Head	R	Riser	WD	Wood
CLR	Clear	HDW	Hardware	RA	Return air	WDW	Window
CMU	Concrete masonry unit	HM	Hollow metal	RAD	Radius	WG	Wire Glass
COL	Column	HOR	Horizontal	RBT	Rubber tile	WH	Wall hung
CONC	Concrete	HP	Highpoint	RCP	Reinforced concrete pipe	WIN	Window
COND	Condition	HR	Hour	RD	Roof drain	WM	Wire mesh
CONST	Construction	HTR	Heater	RE	Reinforce (d), (ing)	WP	Waterproofing / Work point
CONT	Continuous	HVC	Heating & ventilation contractor	REF	Reference (s)	WPT	Work point
CONTR	Contractor			REFL	Reflected	WR	Water repellent
COOL	Cooling			REG	Register	WS	Waterstop
CP	CMU Painted	ID	Inside diameter	REM	Remove	WSCT	Wainscot
CPR	Copper	INL	Inlet	REQ	Required	WTW	Wall to wall
CPT	Carpet	INS	Insulate (d), (ion)	RES	Resilient	WWF	Welded Wire Fabric
CRS	Course	INT	Interior	RET	Return		
CSMU	Calcium silicate masonry unit	INV	Invert	RFG	Roofing		
CST	Cast stone			RFH	Roof hatch		
CT	Ceramic tile			RH	Right hand		
CTP	Clear tempered plate glass	JC	Janitor's closet	RM	Room		
CTR	Counter	JT	Joint	RO	Rough opening		
CWP	Clear wire plate			ROW	Right of way		
				RRT	Radial rubber tile		
		KCPL	Keene's cement plaster	RUB	Rubber, base		
D	Drain (s)	KIT	Kitchen	RV	Radon vent		
DBL	Double	KPL	Kickplate	RWC	Rain water conductor		
DF	Drinking fountain						
DIM	Dimension						
DIAM	Diameter	L	Length	S	South		
DK	Deck	LAB	Laboratory	SBS	Styrene butadiene styrene		
DMB	Dry marker board	LAM	Laminate (d)	SEC	Security		
DN	Down	LAV	Lavitory	SC	Solid core		
DR	Door	LDR	Leader	SCH	Schedule		
DS	Downspout	LF	Lineal foot/Linear feet	SCT	Structural clay tile		
DW	Dumbwaiter	LH	Left-hand	SD	Storm drain		
		LL	Liveload	SFGL	Safety glass		
E	East	LOC	Location	SHM	Security hollow metal		
EA	Each	LPT	Low point	SHTH	Sheathing		
EB	Exibition Board	LTL	Lintel	SIM	Similar		
EC	Electrical contractor	LW	Lightweight	SKL	Skylight		
EF	Exhaust fan	LWC	Lightweight concrete	SL	Sleeve		
EIFS	Exterior insulated finish system			SNT	Sealant		
EJ, EXP JT	Expansion joint	MAS	Masonry	SOG	Slab on grade		
EL	Elevation	MAT	Material	SP	Soundproof		
ELEC	Electrical	MAX	Maximum	SPAC'G	Spacing		
ELEV	Elevator	MC	Mechanical contractor	SPEC	Specification		
EMER	Emergency	MECH	Mechanical	SPF, BLK	Split face block		
ENC	Enclosure	MED	Medium	SPK	Speaker		
ENTR	Entrance	MET	Metal	SQ	Square		
EOP	Edge of paving	MFR	Manufacturer	SQ. FT.	Square foot / feet		
EP	Epoxy paint	MH	Manhole	SST	Stainless steel		
EPDM	Ethylene propylene diene monomers	MIN	Minimum	STD	Standard		
EQ	Equal	MISC	Miscellaneous	STG	Seating		
EQP	Equipment	MMB	Membrane	STR	Structural		
ERF	Epoxy Resinous Flooring	MO	Masonry opening	SUS	Suspended		
ETR	Existing To Remain	MOV	Movable	SWF	Security Window Film		
ETR-R	Existing To Remain - Refinished	MR	Mop receptor	SYN	Synthetic		
ETZ	Epoxy Terrazzo	MT	Marble threshold	SYS	System		
EWC	Electric water cooler	MTD	Mounted				
EXB	Expansion bolt	MTFR	Metal furring				
EXG	Existing	MULL	Mullion				
EXP	Exposed						
EXT	Exterior						

GENERAL NOTES

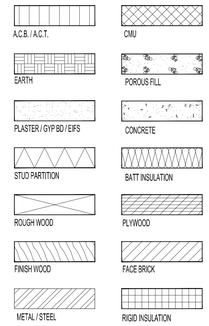
1. ALL CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE SUBMITTING A BID. DISCREPANCIES OR OMISSIONS MUST BE REPORTED TO THE ARCHITECT IN WRITING (10) DAYS PRIOR TO BID OPENING. IF HE OR SHE DOES NOT, CONTRACTOR SHALL CORRECT SAME AT NO CHANGE IN CONTRACT PRICE.
2. CONTRACTOR SHALL PROVIDE ALL REQUIRED SAFETY PROTECTION DURING CONSTRUCTION.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE A SUFFICIENT WORK FORCE TO MEET COMPLETION DATES AS OUTLINED IN THE SPECIFICATIONS. NO EXCEPTIONS WILL BE ALLOWED.
4. DO NOT SCALE THE DRAWINGS.
5. DETAILS NOTED "TYPICAL" IMPLY ALL SUCH CONDITIONS BE TREATED SIMILARLY.
6. MATERIALS LISTED ON THE FINISH SCHEDULE REFER TO THE MAJORITY OF WALLS, FLOOR AND CEILING OF ROOMS SCHEDULED. REFER TO PLANS, DETAILS, INTERIOR ELEVATION, CEILING PLANS, AND NOTES FOR THOSE MATERIALS NOT INDICATED ON THE SCHEDULE BUT ARE STILL REQUIRED IN THE ROOM.
7. UNLESS OTHERWISE NOTED AND UNLESS FACTORY FINISHED, ALL EXPOSED SURFACES OF CMU, CONCRETE, PLASTER, WOOD, GYPSUM BOARD, HOLLOW METAL, HARDWOODS, MISC. METALS ETC., ARE TO RECEIVE PRIME AND FINISH COATS OF PAINT OR CLEAR FINISH AS SPECIFIED AND IN COLORS AS SELECTED BY ARCHITECT. EXCLUDED FROM THIS IS BRICK.
8. ALL OUTSIDE CORNERS OF INTERIOR CONCRETE MASONRY UNITS (CMU) ARE TO BE BULLNOSED UNLESS NOTED OTHERWISE.
9. CALL BEFORE YOU DIG, BEFORE DIGGING CONTRACTOR SHALL CALL 1-800-242-1776 TO HAVE UTILITIES IDENTIFY UNDERGROUND LOCATION OF ALL SERVICE LINES.
10. ALL WORK PERTAINING TO THESE DRAWINGS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND IN AGREEMENT WITH ALL AGENCIES HAVING JURISDICTION.
11. THE CONTRACTOR IS RESPONSIBLE TO SECURE ALL PERMITS. TO OBTAIN APPROVALS AS REQUIRED AND COORDINATE INSPECTION WITH LOCAL BUILDING INSPECTOR. ALL PERMIT AND APPLICATION FEES WILL BE PAID BY THE OWNER AND DELIVERED BY THE CONTRACTOR.
12. DRAWINGS AND SPECIFICATIONS COMPLEMENT EACH OTHER. WORK NOT SHOWN ON DRAWING BUT CALLED FOR IN THE SPECIFICATIONS IS STILL REQUIRED, AND ALL WORK NOT CALLED FOR IN SPECIFICATIONS, BUT CALLED OUT OR SHOWN IN DRAWINGS IS STILL REQUIRED.
13. THE OWNER WILL REMOVE AND RE-INSTALL ALL MOVEABLE EQUIPMENT. EACH CONTRACTOR IS RESPONSIBLE TO REMOVE, STORE AND RE-INSTALL EXISTING BUILT-IN EQUIPMENT REQUIRED TO PERFORM THEIR WORK UNLESS NOTED OTHERWISE.
14. IN ACCORDANCE WITH N.J.A.C. 5:23-6.6(f), ALL MATERIALS AND METHODS USED SHALL COMPLY WITH THE REQUIREMENTS SPECIFIED IN N.J.A.C. 5:23-6.8, MATERIALS AND METHODS.

⚠15. WHERE THERE IS AN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACE, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED IN ACCORDANCE WITH THE FIRE AND/OR SMOKE PROTECTED ASSEMBLY MARKING DETAIL. REFER TO 17/G003 FOR DETAILS.

SYMBOL LIST



MATERIAL LEGEND



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F V H D P C . C O M

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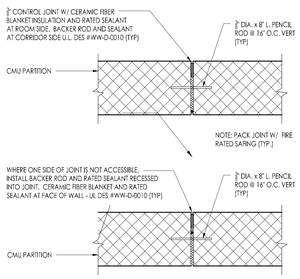
ABBREVIATIONS AND GENERAL NOTES

Revisions

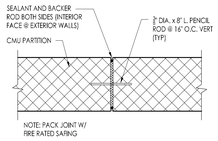
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.17.25	NJ DCA RESPONSES

Drawing Number

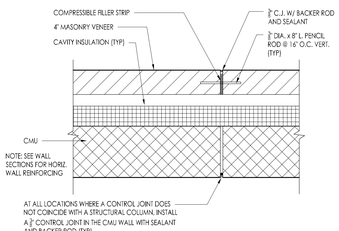
G002



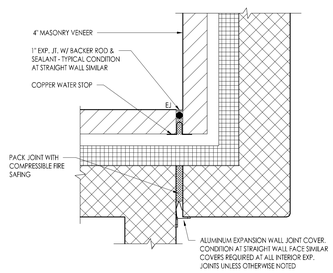
1 TYPICAL CONTROL JOINT (CJ) AT FIRE-RATED INTERIOR CMU WALL
1-1/2" = 1'-0"



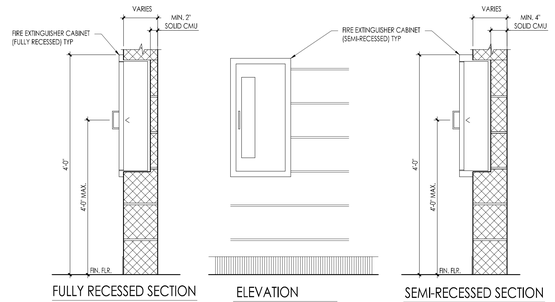
2 TYPICAL CONTROL JOINT (CJ) AT INTERIOR CMU WALL
1-1/2" = 1'-0"



3 TYPICAL CONTROL JOINT (CJ) AT EXTERIOR WALL
1-1/2" = 1'-0"



4 TYPICAL EXPANSION JOINT (EJ) AT EXTERIOR and INTERIOR WALLS & PARTITIONS
1-1/2" = 1'-0"



TYPICAL DETAIL FOR ALL SEMI-RECESSED FIRE EXTINGUISHER CABINETS IN (1) HOUR RATED MASONRY WALLS

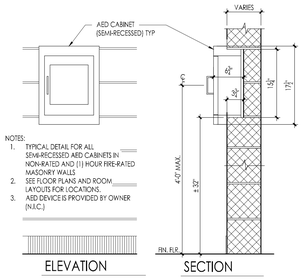
5A FIRE EXTINGUISHER DETAIL TYPE FE-1
1" = 1'-0"

AED CABINET SIGNAGE NOTES

1. AED CABINET SIGNAGE BY GENERAL CONTRACTOR.
2. FOR AED CABINETS IN CORRIDORS, PROVIDE AED WALL SIGN, 14XS-AED, INSTALLED AT A RIGHT ANGLE TO WALL.
3. FOR AED CABINETS AT GYM/MUSEUM / MULTI-PURPOSE ROOM LOCATIONS, PROVIDE FLAT WALL MOUNTED SIGN 14S. REFER TO SPECIFIC LOCATIONS.

14XS-AED RIGHT ANGLE WALL SIGN 8" x 10"

14S FLAT WALL SIGN 8" x 11"



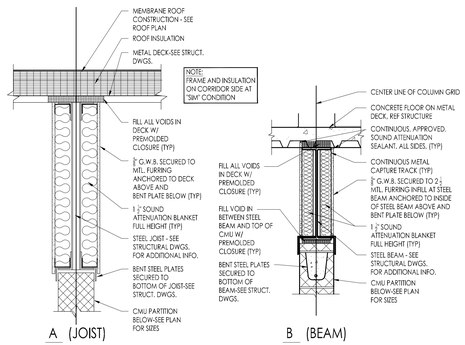
NOTES:
1. TYPICAL DETAIL FOR ALL SEMI-RECESSED AED CABINETS IN NON-RATED AND (1) HOUR FIRE-RATED MASONRY WALLS
2. SEE FLOOR PLANS AND ROOM LAYOUTS FOR LOCATIONS.
3. AED DEVICE IS PROVIDED BY OWNER (N.I.C.)

5B SEMI-RECESSED AED CABINET DETAIL
1" = 1'-0"

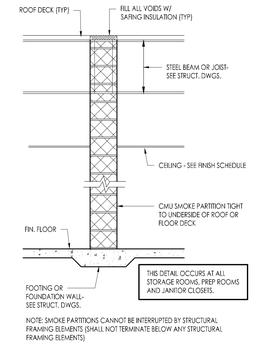
RESPONSIBILITY CHART

MATERIAL	FURNISHED BY	INSTALLED BY
EQUIPMENT CURB	HVAC CONTRACTOR	HVAC CONTRACTOR
EQUIPMENT FLASHING	GENERAL CONTRACTOR	GENERAL CONTRACTOR
COUNTER FLASHING	HVAC CONTRACTOR	GENERAL CONTRACTOR

NOTE:
THIS CHART SHALL ONLY APPLY AT CONDITIONS OF NEW ROOF CONSTRUCTION WHERE THERE IS A GENERAL PRIME CONTRACTOR AND AN HVAC PRIME CONTRACTOR CONTRACTED FOR THE PROJECT.

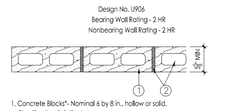


6 TYPICAL CLOSURE DETAIL AT STEEL JOINT & CMU PARTITION CONSTRUCTION
N.T.S.



NOTE: SMOKE PARTITIONS CANNOT BE INTERRUPTED BY STRUCTURAL FRAMING ELEMENTS (SHALL NOT TERMINATE BELOW ANY STRUCTURAL FRAMING ELEMENTS)

7 TYPICAL SMOKE PARTITION DETAIL
1/2" = 1'-0"



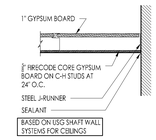
1. Concrete Blocks*- Nominal 6 by 8 in., hollow or solid. Classification D-2 (2 hr)
Anchor Concrete Products, Inc.
Empire Materials Co.
Florida Rock Industries, Inc.
2. Mortar- Blocks laid in full bed of mortar, nom 3/8 in. thick, of not less than 2-1/4 and not more than 3 1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
*Bearing the UL Classification Marking

1-HOUR RATED CMU WALLS SHALL BE CONSTRUCTED SAME AS 2-HOUR RATED CMU WALLS (TYPICAL)

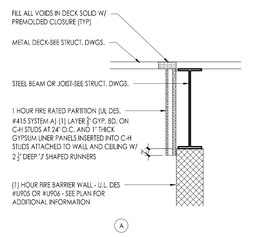
8 TYPICAL RATED CONSTRUCTION 6" CONCRETE MASONRY UNITS
N.T.S.

1. Concrete Blocks*- Various Designs. Classifications D-2 (2hr). See Concrete Blocks category for list of eligible manufacturers.
2. Mortar- Blocks laid in full bed of mortar, nom 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
*Bearing the UL Classification Marking

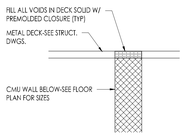
9 TYPICAL RATED CONSTRUCTION 8" CONCRETE MASONRY UNITS
N.T.S.



12 1-HR RATED CEILING SYSTEM
3/4" = 1'-0"



10 TYPICAL CLOSURE DETAIL AT STEEL BEAM & 1-HR FIRE BARRIER ASSEMBLY
3/4" = 1'-0"



11 TYPICAL CLOSURE DETAIL AT METAL DECK & 1-HR FIRE BARRIER ASSEMBLY
3/4" = 1'-0"

FIRE-RATED PENETRATION CHART

CONCRETE OR BLOCK WALLS

TYPE OF PENETRATE	FIRE RATING	UL CLASSIFIED SYSTEM
CIRCULAR BLANK OPENINGS	1	CAJ 0055, CAJ 0070
	2	CAJ 0055, CAJ 0070
	3	CAJ 0055
SINGLE METAL PIPES OR CONDUIT	1	CAJ 1226, WJ 1021
	2	CAJ 1226, WJ 1021
	3	CAJ 1226, WJ 1041, WJ 1042
SINGLE NON-METALLIC PIPE OR CONDUIT (I.E. PVC, CPVC, ABS, FRP, ENT)	1	CAJ 2109, CAJ 2098, CAJ 2167
	2	CAJ 2109, CAJ 2098, CAJ 2167
	3	CAJ 2109, CAJ 2098
SINGLE OR BUNDLED CABLES	1	WJ 3036, CAJ 3095, CAJ 3096
	2	WJ 3036, CAJ 3095, CAJ 3096
	3	CAJ 3095, CAJ 3096
CABLE TRAY	1	WJ 4016, CAJ 4034, CAJ 4035
	2	WJ 4016, CAJ 4034, CAJ 4035
	3	CAJ 4034, CAJ 4035
SINGLE INSULATED PIPES	1	CAJ 5090, CAJ 5091, CAJ 5061
	2	CAJ 5090, CAJ 5091, CAJ 5061
	3	CAJ 5090, CAJ 5061
ELECTRICAL BUSWAY	1	CAJ 6006, CAJ 6017
	2	CAJ 6006, CAJ 6017
	3	CAJ 6006, CAJ 6017
NON-INSULATED MECHANICAL DUCTWORK WITHOUT DAMPERS	1	CAJ 7046, CAJ 7051, WJ 7021, WJ 7022
	2	CAJ 7046, CAJ 7051, WJ 7021, WJ 7022
	3	CAJ 7046, CAJ 7051
MIXED PENETRANTS	1	CAJ 8041, CAJ 8056, WJ 8007
	2	CAJ 8041, CAJ 8056, WJ 8007
	3	CAJ 8041, CAJ 8056, WJ 8007

CONCRETE FLOORS

TYPE OF PENETRANT	FIRE RATING	UL CLASSIFIED SYSTEM
CIRCULAR BLANK OPENINGS	1	FA 0006, CAJ 0055, CAJ 0070
	2	FA 0006, CAJ 0055, CAJ 0070
	3	FA 0006, CAJ 0055
SINGLE METAL PIPES OR CONDUIT	1	CAJ 1226, FA 1017
	2	CAJ 1226, FA 1017
	3	CAJ 1226, FA 1017
SINGLE NON-METALLIC PIPE OR CONDUIT (I.E. PVC, CPVC, ABS, FRP, ENT)	1	FA 2053, FA 2025, CAJ 2109, CAJ 2098, CAJ 2141, CAJ 2167, CBJ 2021
	2	FA 2053, FA 2025, CAJ 2109, CAJ 2098, CAJ 2141, CAJ 2167, CBJ 2021
	3	FA 2054, CAJ 2109, CAJ 2098
SINGLE OR BUNDLED CABLES	1	FA 3007, CAJ 3095, CAJ 3096
	2	FA 3007, CAJ 3095, CAJ 3096
	3	FA 3007, CAJ 3095, CAJ 3096
CABLE TRAY	1	CAJ 4034, CAJ 4035
	2	CAJ 4034, CAJ 4035
	3	CAJ 4034, CAJ 4035
SINGLE INSULATED PIPES	1	FA 5015, FA 5016, CAJ 5090, CAJ 5091, CAJ 5098
	2	FA 5015, FA 5016, CAJ 5090, CAJ 5091, CAJ 5098
	3	FA 5016, CAJ 5090
ELECTRICAL BUSWAY	1	CAJ 6006, CAJ 6017
	2	CAJ 6006, CAJ 6017
	3	CAJ 6006, CAJ 6017
NON-INSULATED MECHANICAL DUCTWORK WITHOUT DAMPERS	1	CAJ 7046, CAJ 7051
	2	CAJ 7046, CAJ 7051
	3	CAJ 7046, CAJ 7051
MIXED PENETRANTS	1	CAJ 8041, CAJ 8056
	2	CAJ 8041, CAJ 8056
	3	CAJ 8041, CAJ 8056

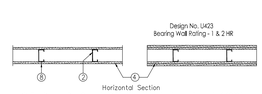
GYPSUM WALLBOARD ASSEMBLIES

TYPE OF PENETRANT	FIRE RATING	UL CLASSIFIED SYSTEM
METAL PIPES OR CONDUIT	1	WL 1034, WL 1058, WL 1164
	2	WL 1034, WL 1058, WL 1164
NON-METALLIC PIPES OR CONDUIT	1	WL 2078, WL 2075, WL 2128
	2	WL 2078, WL 2075, WL 2128
SINGLE OR BUNDLED CABLES	1	WL 3065, WL 3111, WL 3112
	2	WL 3065, WL 3111, WL 3112
CABLE TRAY	1	WL 4011, WL 4019
	2	WL 4011, WL 4019
INSULATED PIPES	1	WL 5028, WL 5029, WL 5047
	2	WL 5028, WL 5029, WL 5047
NON-INSULATED MECHANICAL DUCTWORK WITHOUT DAMPERS	1	WL 7017, WL 7040, WL 7042
	2	WL 7040, WL 7042
MIXED PENETRANTS	1	WL 1095, WL 8013
	2	WL 1095, WL 8013

13 U.L. ASSEMBLIES AT CONCRETE OR BLOCK WALL PENETRATIONS
N.T.S.

14 U.L. ASSEMBLIES AT CONCRETE FLOOR PENETRATIONS
N.T.S.

15 U.L. ASSEMBLIES AT GYPSUM WALL BOARD PENETRATIONS
N.T.S.



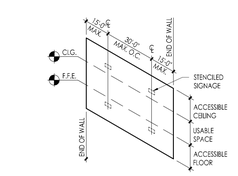
1. Floor and Ceiling Runners (Not Shown) - Channel shaped, fabricated from min. 0.0329 in., bare metal thickness (No. 20 MSG) corrosion-protected steel, that provides a sound structural connection between steel studs and adjacent assemblies such as floor, ceiling and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in OC.
2. Steel Studs - Min. 0.0329 in. bare metal thickness (No. 20 MSG) corrosion-protected studs, min 3-1/2 in wide, cold formed, designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute (AISI). All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max. studs spacing shall not exceed 24 in. OC. Studs attached to floor and ceiling runners with 1/2 in long Type S-12 steel screws on both sides of the stud or by welded or bolted connections designed in accordance with the AISI specifications.
3. Lateral Support Members (Not Shown) - Where required for lateral support of studs, support shall be provided by means of steel straps, channels, or other similar means as specified in the design of a particular steel stud wall system.
4. Wallboard, Gypsum - Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multi-layer systems) staggered one stud cavity. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered when load is reduced to 90 percent of max stud capacity. When load is at 100 percent, horizontal edge joints and horizontal butt joints on opposite sides of studs staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multi-layer systems) staggered a min of 12 in. The thickness and number of layers and percent of design load for the 1 hour and 2 hour ratings are as follows:

Rating	No of Layers & Thickness of Panels	Percent of Design Load
1 Hour	1 Layer, 5/8" thick	100
2 Hours	2 Layers, 5/8" thick	80

5. Fasteners (Not Shown) - Type S-12 steel screws used to attach panels to runners and studs or furring channels. Single layer systems: 1 in long, spaced 8 in OC when panels are applied horizontally or 12 in OC when panels are applied vertically. Double layer systems: first layer- 1 in long spaced 16 in OC. Second layer- 1-5/8 in long spaced 16 in OC with screws offset 8 in from first layer.
6. Batts and Blankets (Optional, Not Shown) - Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. (See Floor Plan, Sections or Details for Thickness)
7. Furring Channels (Optional on One or Both Sides, Not Shown) - Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in OC. Flange portion attached to each intersecting stud with 1/2 in long Type S-12 pantheadsteel screws.
8. Joint Tape and Compound - Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads at outer layers. Paper tape, nom 2 in wide, embedded in first layer of compound over all joints at outer layers.
9. Caulking and Sealants (Not Shown) - A bead of acoustical sealant applied around the partition perimeter for sound control.

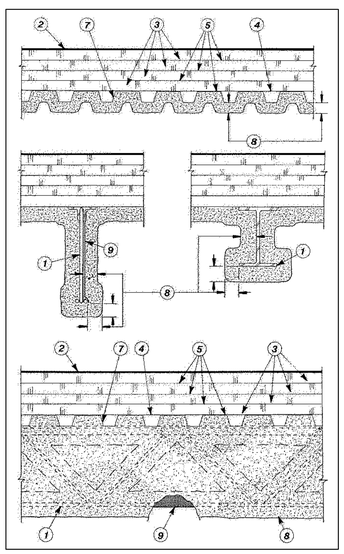
IN ALL LOCATIONS OF CORRIDOR AND PASSAGE WALLS, THE GYPSUM WALL BOARD SHALL BE IMPACT-RESISTANT ON THE CORRIDOR OR PASSAGE SIDE OF THE PARTITION.

16 TYPICAL RATED CONSTRUCTION - GYPSUM BOARD & METAL STUDS - UL DESIGN #U423
N.T.S.



NOTES:
1. THE FOLLOWING INFORMATION APPLIES TO NEWLY CONSTRUCTED WALL ASSEMBLIES BASED UPON THE REQUIREMENTS OF SECTION 703.5 OF THE INTERNATIONAL BUILDING CODE, LATEST EDITION.
2. SIGNAGE SHALL BE LOCATED IN THE IMMEDIATE VICINITY ABOVE ANY ACCESSIBLE CONCEALED CEILING AND BELOW ANY ACCESSIBLE CONCEALED FLOOR.
3. SIGNAGE COLOR SHALL CONTRAST THE WALL COLOR
4. IF AN ACCESSIBLE SPACE IS PRESENT ON MORE THAN ONE SIDE OF A PROTECTED ASSEMBLY, SIGNAGE SHALL BE MARKED ON ALL SIDES.

17 FIRE AND/OR SMOKE PROTECTED ASSEMBLY MARKING DETAIL
Scale: N.T.S.



Design No. P723
Restrained Assembly Ratings — 1, 1-1/2, 2 and 3 Hr
(See Items 3 and 8)
Unrestrained Assembly Ratings — 1, 1-1/2, 2 and 3 Hr
(See Items 3 and 8)
Unrestrained Beam Ratings — 1, 1-1/2, 2 and 3 Hr.
(See Items 3 and 8)
Restricted Load Condition — See Item 8

1. Steel Supports — W6x16 steel beam, 10K1 or 12K5 steel joists min size (See Item 8).
2A. In lieu of Item 2, roof covering consisting of single-ply Roofing Membranes* — that is either ballasted, adhered or mechanically attached as permitted under the respective manufacturer's Classification. See Roofing Membranes (CHCI) category for names of manufacturers.
2B. Metal Roof Deck Panels — (Not Shown) — In addition to or in lieu of items 2 or 2A, the Roof Covering may consist of mechanically fastened metal roof deck panel assembly. See Fire Resistance Directory — Metal Roof Deck Panels (CETW).
3. Roof Insulation — Foamed Plastics* — 36 by 48 in. (min size) polyisocyanurate foamed plastic insulation boards applied in one or more layers. Min thickness is 2.0 in. [No limit on max overall thickness.] Boards to be installed with end joints staggered a min of 6 in. in adjacent rows. When applied in more than one layer, each layer to be offset in both directions from layer below a min of 6 in. in order to lap all joints; Polyisocyanurate foamed plastic insulation may be installed over a max 1 in. thick layer of Mineral and Fiber Boards* (Item 3B) with each layer offset in both directions as described above.
3A. Roof Insulation — Mineral and Fiber Boards* — (Not Shown) For 1, 1-1/2 and 2 h Ratings— As an alternate to Item 3, To be applied in one or more layers with or without adhesive applied between vapor barrier and roof deck units, vapor barrier and board and each layer of board. When more than one layer is required, each layer of board to be offset in both directions from layer below a min of 6 in. in order to lap all joints. Min thickness is 2 in. when Item 2A is used. When installed as a base layer for Item 3 (polyisocyanurate roof insulation) max thickness is 1 in.
4. Vapor Retarder — Sheathing Material* — (Optional) — Vinyl film or paper scrim vapor barrier, applied to steel roof deck with adhesive (Item 5), asphalt (Item 5A) or laid loosely, overlapped approx 2 in. on adjacent sheets. See Sheathing Materials (CHIZ) category for names of manufacturers.
4A. Sheathing Material* — (Optional) — In lieu of Item 4, a self adhered rubberized asphalt roofing underlayment membrane which may be placed on top of the steel roof deck (Item 7).
5. Adhesive* — (Optional) — May be applied between crests of steel roof deck and vapor retarder, between vapor retarder and first layer of insulation, and between layers of insulation. Applied in 1/2 in. wide ribbons 6 in. OC at 0.4 gal/100 sq ft. See Adhesives (BYWR) category for names of manufacturers.
6. Mechanical Fasteners — (Optional — Not Shown) — Mechanical screw-type fastener with metal washer designed for the purpose may be used to attach one or more layers of insulation to steel roof deck.
7. Steel Roof Deck — (Unclassified) — Min 1-1/2 in. deep and 30 or 36 in. wide galv or painted fluted steel deck. When unclassified painted steel roof deck is used, Item 8A, Metal Lath, is required. Flutes 6 in. OC with crest width ranging from 3-5/8 to 5-1/16 in. Min gauge is 22 MSG. Ends overlapped at supports min 1-1/2 in. and welded to supports at deck laps and a max of 12 in. OC between sides of units. Side laps of adjacent units welded, button-punched or secured together with No. 12 by 3/4 in. long self-drilling, self-tapping steel screws spaced a max of 36 in. OC.Classified Steel Floor and Form Units* — Noncomposite, 1-1/2 in. deep, galv units, min gauge is 22 MSG. Ends overlapped at supports min 1-1/2 in. and welded to supports at deck laps and a max of 12 in. OC between sides of units. Side laps of adjacent units welded, button-punched or secured together with No. 12 by 3/4 in. long self-drilling, self-tapping steel screws spaced a max of 36 in. OC.
8. Spray-Applied Fire Resistive Materials* — Applied by mixing with water and spraying in more than one coat to the thickness shown below, to steel surfaces which are clean and free of dirt, loose scale, and oil. Min average and min individual density of 15 and 14 pcf, respectively. For method of density determination, see Design Information Section, Sprayed Material. Spray-Applied Fire Resistive Materials on steel deck shall cover screw tips by 1/2 in. min. Use of adhesive (Item 11) is required.

The min thicknesses of Spray-Applied Fire Resistive Materials required for various fire resistance ratings are shown in the table below:

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Protection Mtl Thkns In. on Deck#	on Beam	on Joist
1	1	1	7/8	7/16	1-3/4*
1	1	1	1-7/16+	7/16	1-3/4*
1-1/2	1-1/2	1-1/2	1-3/16	9/16	1-3/16
1-1/2	1-1/2	1-1/2	2+	9/16	1-3/16
2	1	1	1-7/16	11/16	1-3/16
2	1-1/2	1-1/2	1-7/16	11/16	1-3/16
2	2	2	1-7/16	13/16	1-3/16
2	2	2	2-5/8#	13/16	1-3/16
3	1-1/2	1-1/2	1-7/16	1-3/16	1-5/8 (1-1/2**)
3	2	2	1-7/8	1-3/16	1-5/8 (1-1/2**)
3	3	3	1-7/8	1-1/4	1-5/8 (1-1/2**)

#The required minimum thickness of Spray-Applied Fire Resistive Materials on the steel deck is increased by 1/16 in. for 1-1/2 hr Unrestrained Assembly Rating and 1/4 in. for 2 hr Unrestrained Assembly Rating when Item 5B is used.
+No minimum insulation thickness required.
*-The 3/4 in. thickness may be applied when numeral and fiber board insulation is used or when the joist is limited to max tensile stress of 26,000 psi.
**-The 1-1/2 in. thickness may be applied when minimum size joist is 12K5.
9. Glass Fiber Mesh — (Optional) — May be used to facilitate the spray application of the protection material to the steel bar joists. Min 3/32 in. sq mesh, coated fiberglass scrim fabric, weighing a min of 1.9 oz/sq yd shall be attached to one side of each joist web member. The method of attachment must be sufficient to hold the mesh and fire protection material during application and curing of the material. An acceptable method of attaching the mesh is by embedding the mesh in min 1/4 in. long beads of hot-melted glue. The beads of glue shall be spaced min 12 in. OC along the top chord of the bar joists. Another method of attachment is the use of 1-1/4 in. long 1/2 in. wide hairpin clips formed from 0.064 in. diam steel wire, alternating from top to bottom of the joist web member.
10. Bridging — (Not Shown) — Min 1-1/4 by 1-1/4 by 1/8 in. thick steel angles welded to top and bottom chords of each joist. Number and spacing of bridging angles per Steel Joist Institute specification. Bridging coated with the same thickness of Spray-Applied Fire Resistive Materials as the joist to a min distance of 12 in. beyond each side of the joist.
11. Adhesive* — Applied to steel roof deck in accordance with manufacturer's instructions.
*Bearing the UL Classification Mark

18 TYPICAL RATED CONSTRUCTION - STEEL BEAMS, JOIST, AND STEEL DECK- UL DESIGN # U-P723
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01729100
JASON J. LENKOWITCH, AIA
NJ - 21A01775600 | PA - RA426700
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00331001 | PA - RA414585
10/10/25
Date
Architect

FVHD Architects Planners Engineers
Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road
Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue
Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
ETS

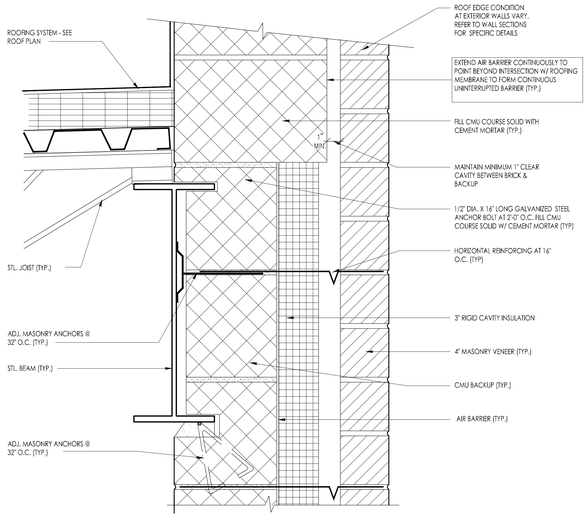
Scale
AS NOTED

Drawing Name
TYPICAL WALL SECTIONS AND FLASHING DETAILS

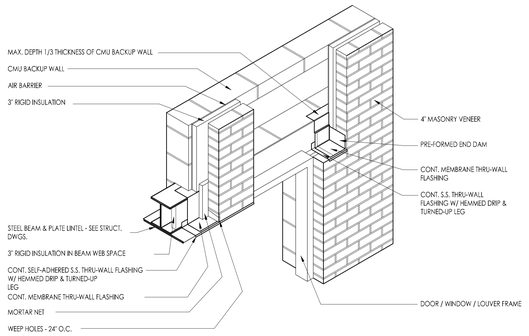
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.17.25	NJ DCA RESPONSES

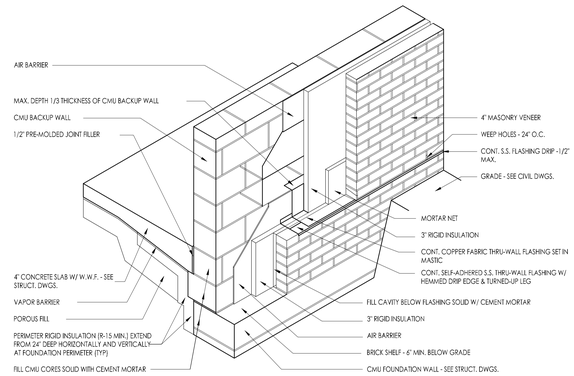
Drawing Number
G003



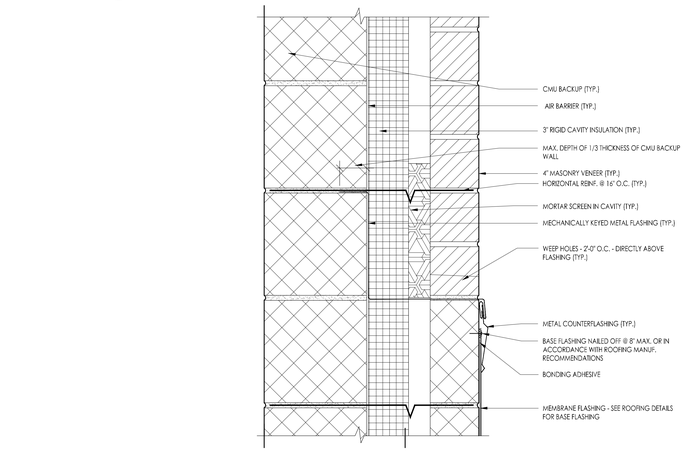
1 TYPICAL TOP OF CAVITYWALL DETAIL
3"=1'-0"



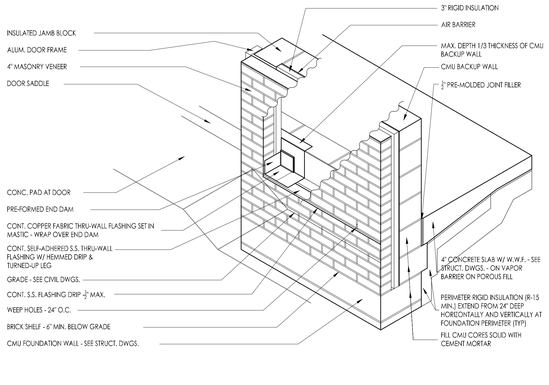
4 TYPICAL THRU-WALL FLASHING DETAIL AT STEEL BEAM & LINTEL
3/4"=1'-0"



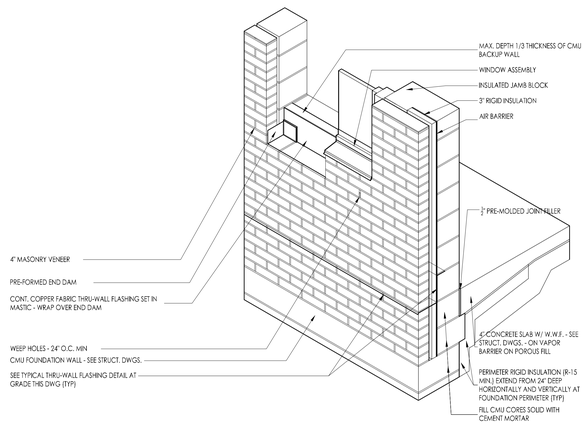
5 TYPICAL THRU-WALL FLASHING AT GRADE
3/4"=1'-0"



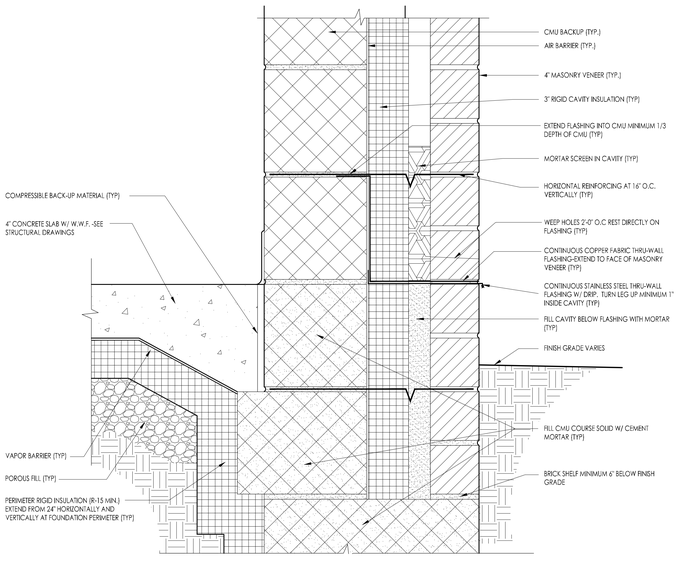
2 TYPICAL THRU-WALL & CAP FLASHING DETAIL AT RISING WALL
3"=1'-0"



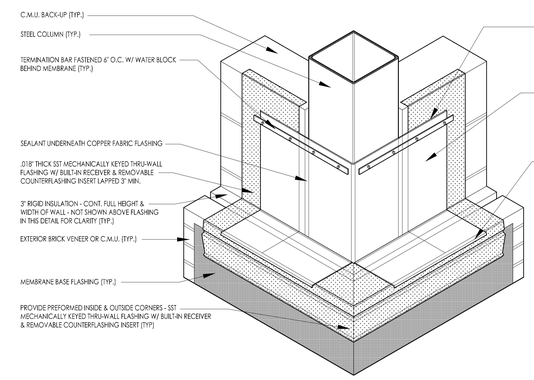
6 TYPICAL WALL BASE FLASHING END DAM DETAIL AT EXTERIOR DOOR OPENING
3/4"=1'-0"



7 TYPICAL WALL BASE FLASHING END DAM DETAIL AT WINDOW
3/4"=1'-0"

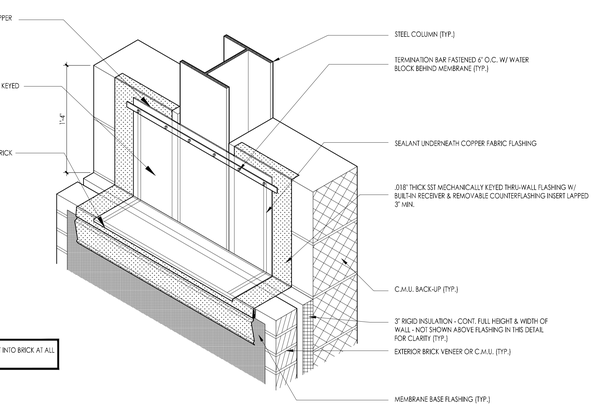


3 TYPICAL THRU-WALL FLASHING DETAIL AT GRADE
3"=1'-0"



GENERAL NOTE: (2) WEEP HOLES TO BE BUILT INTO BRICK AT ALL COLUMN OCCURANCES. (TYP.)

8 ISOMETRIC CUT AWAY AT CORNER COLUMN (RISING WALL CONDITION)
1-1/2"=1'-0"



9 ISOMETRIC CUT AWAY AT COLUMN (RISING WALL CONDITION)
1-1/2"=1'-0"

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Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

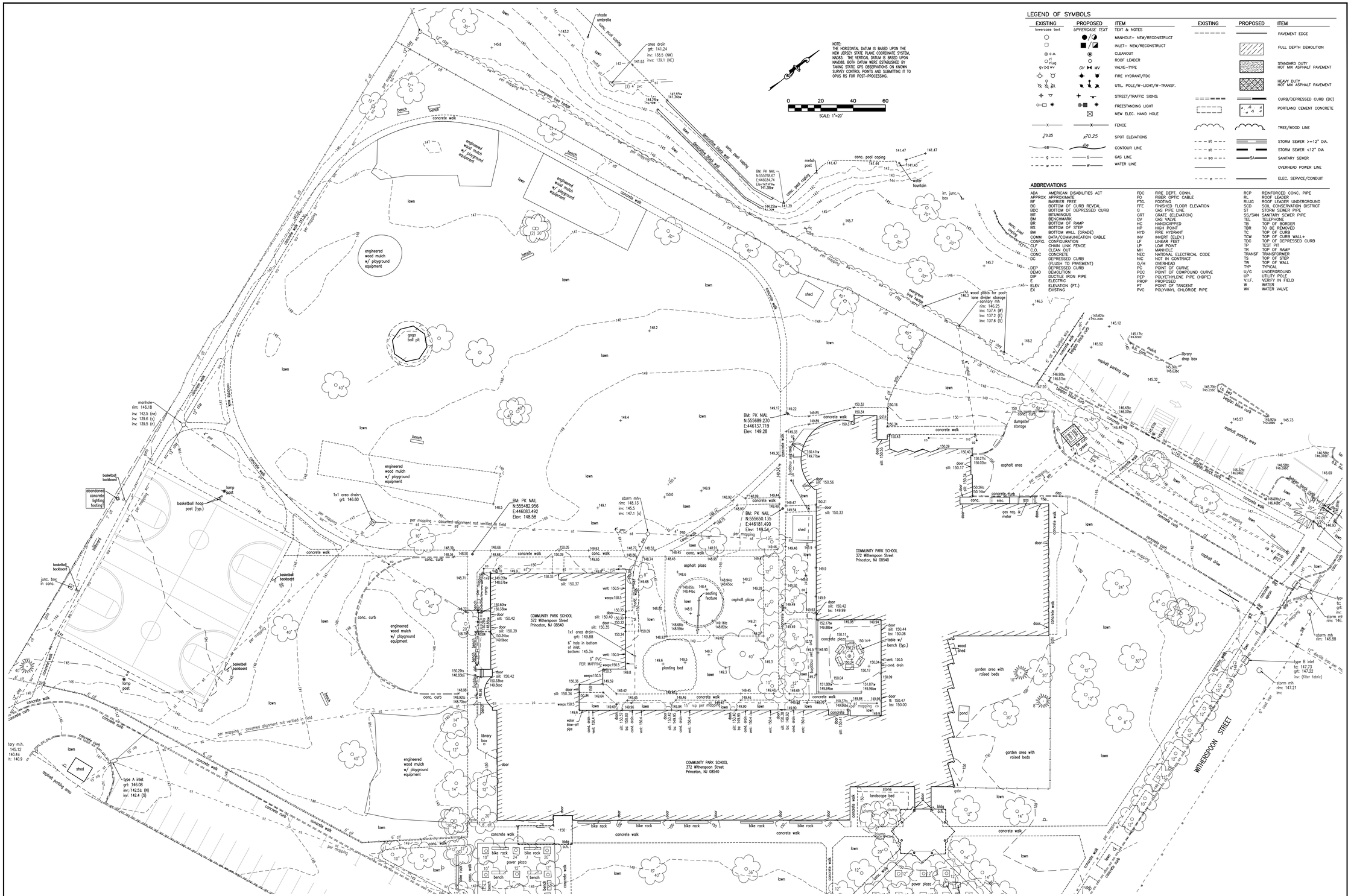
Scale
AS NOTED

Drawing Name
TYPICAL FLASHING DETAILS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
G004



PROPERTY SURVEY INFORMATION

1. TOPOGRAPHIC INFORMATION SHOWN ON THIS MAPPING WAS PREPARED BY EDWARDS ENGINEERING GROUP IN AUGUST 2024.

SOIL EROSION & SEDIMENT CONTROL NOTES:

1. SEE DRAWING THE SOIL EROSION & SEDIMENT CONTROL PLAN FOR SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE USED THROUGHOUT THE PROJECT.
2. SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE LAND DISTURBANCE OR ANY DEMOLITION WORK THAT WILL CAUSE EXCAVATION INTO THE SUBGRADE SOILS.

UNDERGROUND UTILITIES:

1. ALL UNDERGROUND UTILITIES REPRESENTED ON THIS PLAN ARE SHOWN APPROXIMATELY. IN ALL CASES THE EXACT DEPTH, SIZE AND ALIGNMENT OF UNDERGROUND PIPES, WIRES, AND OTHER FEATURES SHALL BE CONSIDERED UNKNOWN AND MUST BE FIELD VERIFIED AT THE START OF THE PROJECT.
2. ENGAGE THE SERVICES OF A PRIVATE UNDERGROUND UTILITY LOCATING AND MARK OUT SERVICE TO PERFORM A MARK OUT OF THE ENTIRE SITE. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ON THE MARK OUT AND REQUIRED TEST PITS.
3. CONDUCT TEST PITS AT ALL LOCATIONS WHERE UTILITIES ARE INDICATED TO BE VERIFIED IN FIELD (VIF) AND WHERE PROPOSED UNDERGROUND UTILITIES (STORM, SANITARY, ELECTRIC, GAS, DATA) WILL CONNECT TO OR CROSS EXISTING UNDERGROUND UTILITIES. RECORD THE DEPTH, SIZE, AND ALIGNMENT OF EACH UTILITY AT TEST PIT LOCATION. VERIFY UTILITY CROSSING CLEARANCES CAN BE ACHIEVED WITHOUT DEVIATING FROM THE DESIGN INTENT. REPORT TO THE OWNER'S REPRESENTATIVE ANY POTENTIAL CONFLICTS VIA THE R.F.I. PROCESS.

TEST PIT NOTES:

1. EXCAVATE TEST PITS AT THE COMMENCEMENT OF WORK TO VERIFY THE DEPTH, SIZE, PIPE MATERIAL AND ALIGNMENT OF EXISTING WATER AND SEWER UTILITIES AT THE POINT OF CONNECTION TO NEW SERVICES AND AT PROPOSED PIPE CROSSINGS. REPORT ANY POSSIBLE CONFLICTS TO THE ARCHITECT AND ENGINEER.
2. EXCAVATE TEST PITS TO VERIFY THE DEPTHS OF EXISTING FOUNDATIONS WHERE NEW UTILITIES MUST CROSS.
3. INCLUDE IN THE CONTRACT AN ADDITIONAL (10) TEST PITS TO BE USED AT THE ARCHITECT'S OR ENGINEER'S DISCRETION FOR ANY REASON WHATSOEVER. THE TEST PITS SHALL BE INCLUDE GEOTECHNICAL OVERSIGHT, MEASUREMENTS BY THE CONTRACTOR'S NJ LICENSED LAND SURVEYOR, DISPOSAL OF WASTE, AND BACKFILL AND COMPACTION OF EACH TEST PIT.

SITE MAINTENANCE REQUIREMENTS:

1. INSTALL DE-WATERING MEASURES AT THE COMMENCEMENT OF EARTHWORK OPERATIONS AND MAINTAIN DE-WATERING OF ALL OPEN EXCAVATIONS THROUGHOUT CONSTRUCTION. STORM WATER RUNOFF MUST BE IMMEDIATELY EVACUATED FROM THE PROJECT SITE THROUGH DE-WATERING PRACTICES. WATER MUST NOT BE TRAPPED OR ALLOWED TO POOL IN ANY AREA. DE-WATERING MEASURES SHALL INCLUDE DE-WATERING PUMPS AND A MEANS OF FILTERING SEDIMENT AND SILT FROM THE WATER BEFORE IT IS DISCHARGED INTO DOWNSTREAM DRAINAGE SYSTEMS.
2. ENGAGE A NJ LICENSED GEOTECHNICAL ENGINEER TO OVERSEE ALL EARTHWORK RELATED TO SITE WORK. CONTRACTOR MUST INSURE THAT EXISTING SOILS ARE CONDITIONED TO BE AT OR NEAR OPTIMUM MOISTURE LEVELS FOR COMPACTION. THE GEOTECHNICAL ENGINEER MUST DOCUMENT SOIL CONDITIONS AND MAKE RECOMMENDATIONS FOR RE-CONDITIONING SAME TO INSURE MAXIMUM COMPACTION.
3. ANY SOIL THAT IS SATURATED SHALL BE DRIED BY THE CONTRACTOR TO RESTORE OPTIMUM MOISTURE LEVEL (VERIFIED BY THE GEOTECHNICAL ENGINEER.) SOILS THAT ARE SATURATED AND CANNOT BE RECONDITIONED IN SUFFICIENT TIME, WITHOUT AFFECTING THE PROJECT SCHEDULE, SHALL BE REMOVED AND REPLACED WITH SUITABLE COMPACTED SOIL (DENSE GRADED AGGREGATE) AT THE CONTRACTOR'S EXPENSE. SEE NOTE #1 ABOVE.
4. PROTECT ADJACENT AREAS TO MAINTAIN THEIR ORIGINAL CONDITION THROUGHOUT CONSTRUCTION. ANY AREAS DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO A "LIKE NEW" CONDITION AT THE CONTRACTOR'S EXPENSE.
5. MAINTAIN THE UNDERGROUND UTILITY MARK-OUT THROUGHOUT CONSTRUCTION.
6. PRESERVE AND MAINTAIN SURVEY CONTROL POINTS THROUGHOUT CONSTRUCTION.
7. SWEEP AND MAINTAIN ALL PAVEMENT AREAS TO A "BROOM CLEAN" CONDITION AROUND ALL WORK AREAS. SOIL AND DEBRIS SHALL NOT BE TRACKED OUTSIDE THE WORK AREA.
8. INSTALL TEMPORARY 6 FOOT HIGH CONSTRUCTION FENCING AS NEEDED TO SECURE THE SITE. THE OWNER RESERVES THE RIGHT TO REQUIRE THE INSTALLATION OF ADDITIONAL CONSTRUCTION FENCING TO MAINTAIN SITE SAFETY AND SECURITY AT NO ADDITIONAL COST. ALL TEMPORARY CONSTRUCTION FENCE THAT SERVES TO SECURE THE PERIMETER OF THE WORK AREA SHALL HAVE WIND/DUST SCREEN INSTALLED ALONG ALL SIDES. REFER TO THE PROJECT SPECIFICATIONS FOR TEMPORARY FENCING REQUIREMENTS.ALL CONSTRUCTION AREAS SHALL BE SECURED AT ALL TIMES FROM PUBLIC ACCESS. FURNISH LOCKABLE ACCESS GATES, AND MAN GATES AS NEEDED AND FURNISH THE OWNER DUPLICATE KEYS TO ALL LOCKS.

LEGEND OF SYMBOLS

EXISTING	PROPOSED	ITEM
lowercase text	UPPERCASE TEXT	TEXT & NOTES
○	● / ◪	MANHOLE- NEW/RECONSTRUCT
□	■ / ◪	INLET- NEW/RECONSTRUCT
⊙ c.o.	⊙	CLEANOUT
○ rlug	○	ROOF LEADER
gv ⋈ wv	GV ⋈ WV	VALVE-TYPE
		FIRE HYDRANT/FDC
		UTIL. POLE/W-LIGHT/W-TRANSF.
		STREET/TRAFFIC SIGNS:
		FREESTANDING LIGHT
		NEW ELEC. HAND HOLE
x	x	FENCE
70.25	x70.25	SPOT ELEVATIONS
68	68	CONTOUR LINE
g	g	GAS LINE
w	w	WATER LINE

EXISTING	PROPOSED	ITEM
		PAVEMENT EDGE
		FULL DEPTH DEMOLITION
		STANDARD DUTY HOT MIX ASPHALT PAVEMENT
		HEAVY DUTY HOT MIX ASPHALT PAVEMENT
		CURB/DEPRESSED CURB (DC)
		PORTLAND CEMENT CONCRETE
		TREE/WOOD LINE
st	st	STORM SEWER >=12" DIA.
st	st	STORM SEWER <12" DIA
so	SA	SANITARY SEWER
		OVERHEAD POWER LINE
e		ELEC. SERVICE/CONDUIT

ABBREVIATIONS

ADA	AMERICAN DISABILITIES ACT	FDC	FIRE DEPT. CONN.
APPROX	APPROXIMATE	FO	FIBER OPTIC CABLE
BF	BARRIER FREE	FTG.	FOOTING
BC	BOTTOM OF CURB REVEAL	FFE	FINISHED FLOOR ELEVATION
BDC	BOTTOM OF DEPRESSED CURB	G	GAS PIPE LINE
BIT	BITUMINOUS	GRT	GRATE (ELEVATION)
BM	BENCHMARK	GV	GAS VALVE
BR	BOTTOM OF RAMP	HC	HANDICAPPED
BS	BOTTOM OF STEP	HP	HIGH POINT
BW	BOTTOM WALL (GRADE)	HYD	FIRE HYDRANT
COMM	DATA/COMMUNICATION CABLE	INV	INVERT (ELEV.)
CONFIG.	CONFIGURATION	LF	LINEAR FEET
CLF	CHAIN LINK FENCE	LP	LOW POINT
C.O.	CLEAN OUT	MH	MANHOLE
CONC	CONCRETE	NEC	NATIONAL ELECTRICAL CODE
DC	DEPRESSED CURB (FLUSH TO PAVEMENT)	NIC	NOT IN CONTRACT
DEP	DEPRESSED CURB	O/H	OVERHEAD
DEMO	DEMOLITION	PC	POINT OF CURVE
DIP	DUCTILE IRON PIPE	PCC	POINT OF COMPOUND CURVE
E	ELECTRIC	PEP	POLYETHYLENE PIPE (HDPE)
ELEV	ELEVATION (FT.)	PROP	PROPOSED
EX	EXISTING	PT	POINT OF TANGENT
		PVC	POLYVINYL CHLORIDE PIPE

RCP	REINFORCED CONC. PIPE		
RL	ROOF LEADER		
RLUG	ROOF LEADER UNDERGROUND		
SCD	SOIL CONSERVATION DISTRICT		
ST	STORM SEWER PIPE		
SS/SAN	SANITARY SEWER PIPE		
TEL	TELEPHONE		
TBR	TOP OF BORDER		
TBR	TOP TO BE REMOVED		
TC	TOP OF CURB		
TCW	TOP OF CURB WALL+		
TDC	TOP OF DEPRESSED CURB		
TP	TEST PIT		
TR	TOP OF RAMP		
TRANSF	TRANSFORMER		
TS	TOP OF STEP		
TW	TOP OF WALL		
TYP	TYPICAL		
U/G	UNDERGROUND		
UP	UTILITY POLE		
V.I.F.	VERIFY IN FIELD		
W	WATER		
WV	WATER VALVE		

NJDCA Electronic Release Stamp

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VFHDPC.COM

GRD 10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By

Scale

Drawing Name
EXISTING CONDITIONS

Revisions

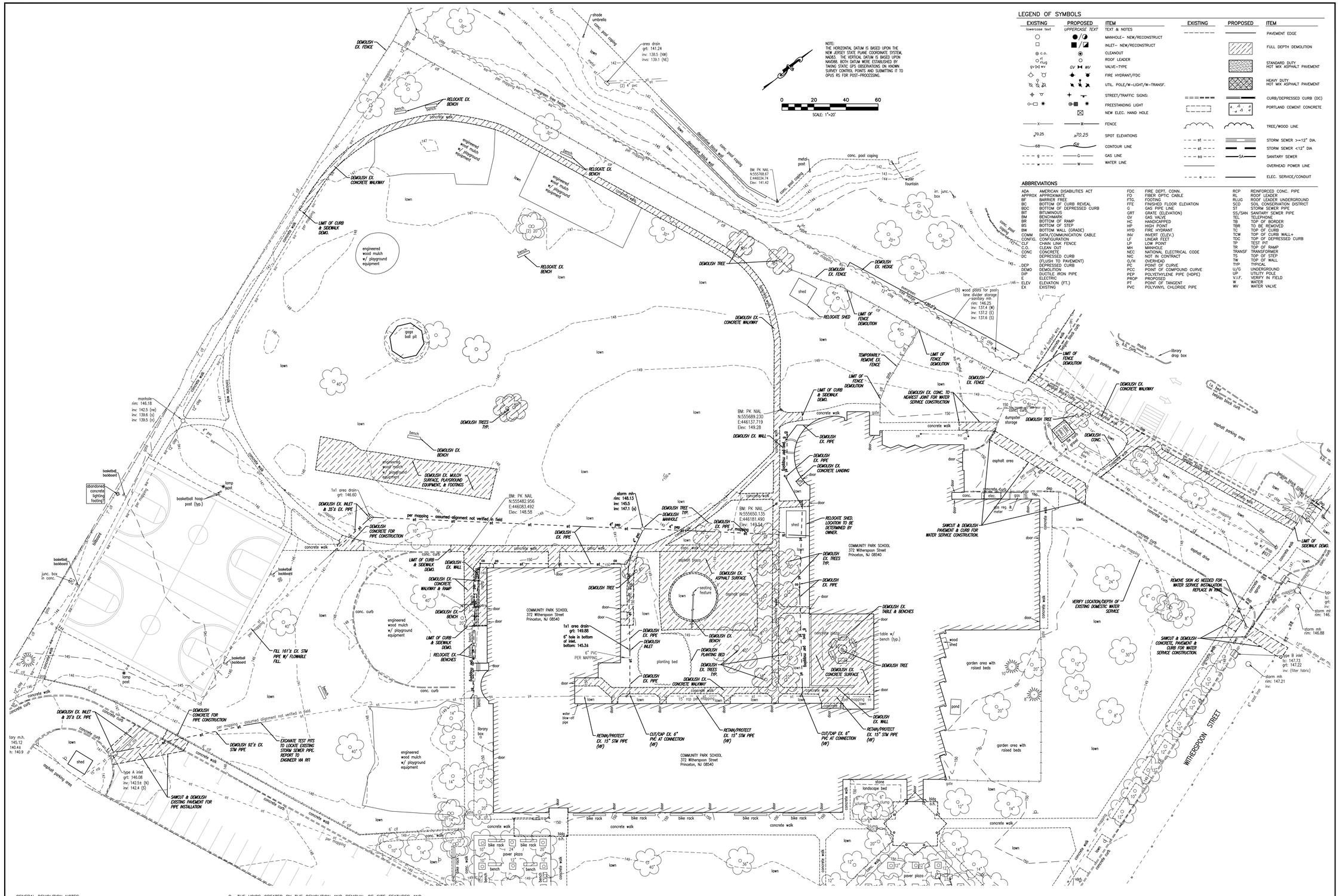
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

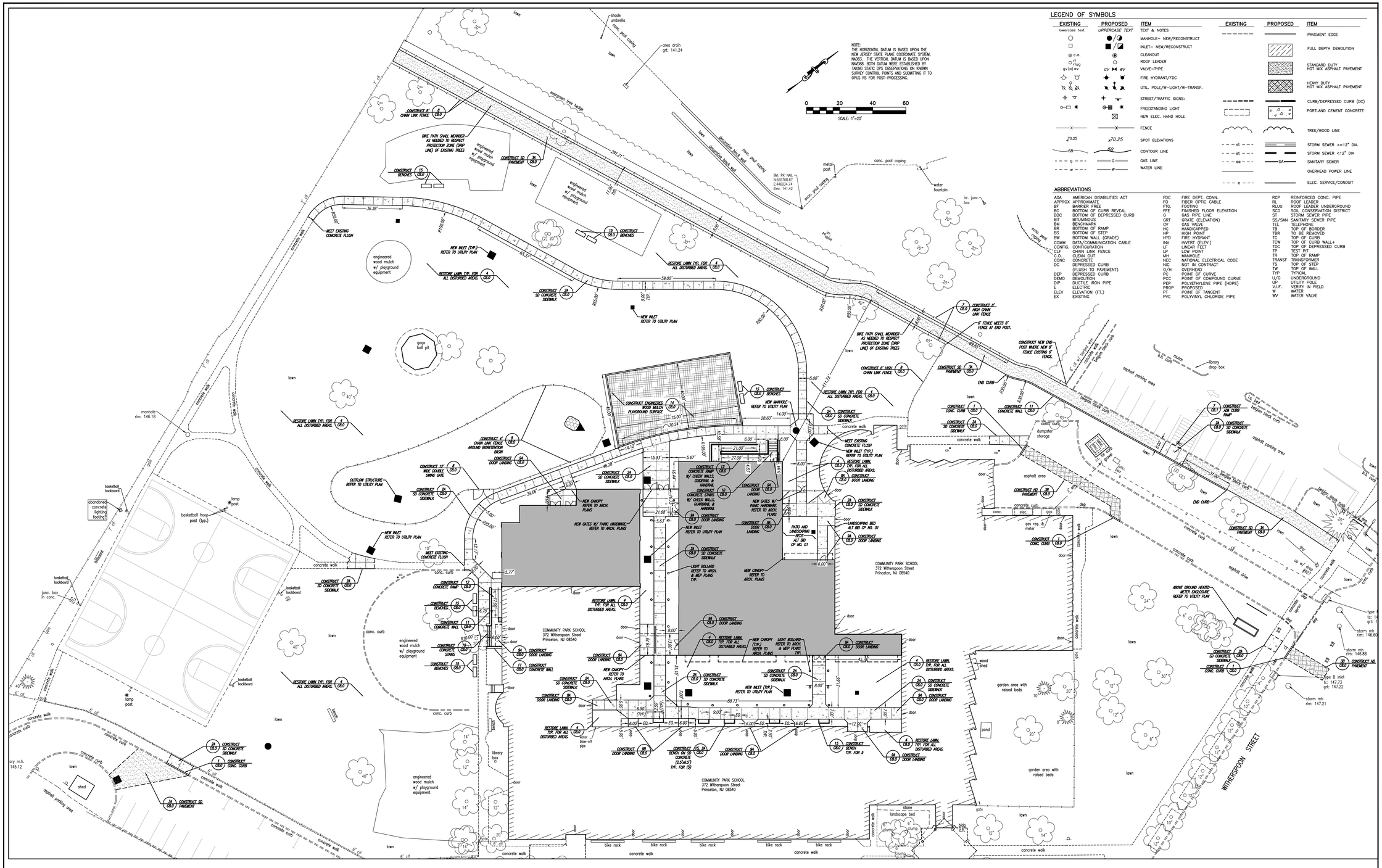
Civil Engineering Consultant: EEG 1633D

EDWARDS ENGINEERING GROUP
AN L2A COMPANY

BETH E. KENDERDINE, P.E. 12.15.25
Professional Engineer NJ. Lic. No. GE45532

Drawing Number
C-1.0


NOTE:
THE HORIZONTAL DATUM IS BASED UPON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NAD83. THE VERTICAL DATUM IS BASED UPON NAVD88. BOTH DATUM WERE ESTABLISHED BY TAKING STATIC GPS OBSERVATIONS ON KNOWN SURVEY CONTROL POINTS AND SUBMITTING IT TO OPUS RS FOR POST-PROCESSING.
0 20 40 60
SCALE: 1"=20'
BM: PK NAIL N:555768.67 E:446034.74 Elev: 141.42
BM: PK NAIL N:555689.230 E:446137.719 Elev: 149.28
BM: PK NAIL N:555482.956 E:446083.492 Elev: 148.58
BM: PK NAIL N:555650.135 E:446181.490 Elev: 149.54
COMMUNITY PARK SCHOOL 372 Witherspoon Street Princeton, NJ 08540
WITHERSPOON STREET
DEMOLISH EX. FENCE
RELOCATE EX. BENCH
DEMOLISH EX. CONCRETE WALKWAY
LIMIT OF CURB & SIDEWALK DEMO.
engineered wood mulch w/ playground equipment
DEMOLISH TREE
DEMOLISH EX. HEDGE
RELOCATE SHED
LIMIT OF FENCE DEMOLITION
TEMPORARILY REMOVE EX. FENCE
DEMOLISH EX. WALL
DEMOLISH EX. PIPE
DEMOLISH EX. CONCRETE LANDING
DEMOLISH EX. CONC. TO NEAREST JOINT FOR WATER SERVICE CONSTRUCTION
SAWCUT & DEMOLISH PAVEMENT & CURB FOR WATER SERVICE CONSTRUCTION.
RELOCATE SHED, LOCATION TO BE DETERMINED BY OWNER.
DEMOLISH EX. TREES TYP.
DEMOLISH EX. ASPHALT SURFACE
DEMOLISH EX. TABLE & BENCHES
DEMOLISH EX. CONCRETE SURFACE
DEMOLISH EX. INLET & 35'± EX. PIPE
DEMOLISH CONCRETE FOR PIPE CONSTRUCTION
DEMOLISH EX. MULCH SURFACE, PLAYGROUND EQUIPMENT, & FOOTINGS
DEMOLISH TREES TYP.
DEMOLISH EX. BENCH
DEMOLISH EX. WALL
DEMOLISH EX. CONCRETE WALKWAY & RAMP
DEMOLISH EX. BENCH
DEMOLISH EX. INLET & 20'± EX. PIPE
DEMOLISH 92'± EX. STM PIPE
EXCAVATE TEST PITS TO LOCATE EXISTING STORM SEWER PIPE. REPORT TO ENGINEER VIA RFI
SAWCUT & DEMOLISH EXISTING PAVEMENT FOR PIPE INSTALLATION
FILL 161'± EX. STM PIPE W/ FLOWABLE FILL
LIMIT OF CURB & SIDEWALK DEMO.
RELOCATE EX. BENCHES
DEMOLISH INLET
DEMOLISH PLANTING BED
DEMOLISH EX. TREES TYP.
DEMOLISH EX. CONCRETE WALKWAY
6" PVC PER MAPPING
RETAIN/PROTECT EX. 15" STM PIPE (MF)
CUT/CAP EX. 6" PVC AT CONNECTION (MF)
DEMOLISH EX. WALL
(5) wood posts for pool lane divider storage
sanitary mh rim: 146.25 inv: 137.4 (W) inv: 137.2 (E) inv: 137.6 (S)
REMOVE SIGN AS NEEDED FOR WATER SERVICE INSTALLATION. REPLACE IN KIND.
VERIFY LOCATION/DEPTH OF EXISTING DOMESTIC WATER SERVICE
SAWCUT & DEMOLISH CONCRETE, PAVEMENT & CURB FOR WATER SERVICE CONSTRUCTION.
LIMIT OF SIDEWALK DEMO.
RELOCATE SHED
RETAIN/PROTECT EX. 15" STM PIPE (MF)
bike rack
power plaza
bench
stone landscape bed
garden area with raised beds
wood shed
table w/ bench (typ.)
dumpster storage
asphalt parking area
asphalt drive
concrete walk
concrete curb
lawn
gaga ball pit
basketball backboard
basketball hoop post (typ.)
lamp post
abandoned concrete lighting footing
junc. box in conc.
manhole rim: 146.18 inv: 142.5 (ne) inv: 139.6 (s) inv: 139.5 (s)
1x1 area drain grt: 146.60
storm mh rim: 148.13 inv: 145.5 inv: 147.1 (s)
type A inlet grt: 146.08 inv.: 142.5± (N) inv: 142.4 (S)
type B inlet tc: 147.73 grt: 147.22 inv: (filter fabric)
storm mh rim: 147.21 inv:
storm mh rim: 146.88
tary m.h. 145.12 140.4± h: 140.9
shed
gate
door
bollard
library drop box
mulch
conc. pool coping
metal post
water fountain
irr. junc. box
shade umbrella
area drain grt: 141.24 inv: 138.5 (NW) inv: 139.1 (NE)
(2) 4" pvc
(2) 20"
per mapping – assumed alignment not verified in field
per mapping – assumes alignment not verified in field
6" pvc per mapping
12" cmp per mapping
6" pvc per mapping
6" pvc per mapping
6" pvc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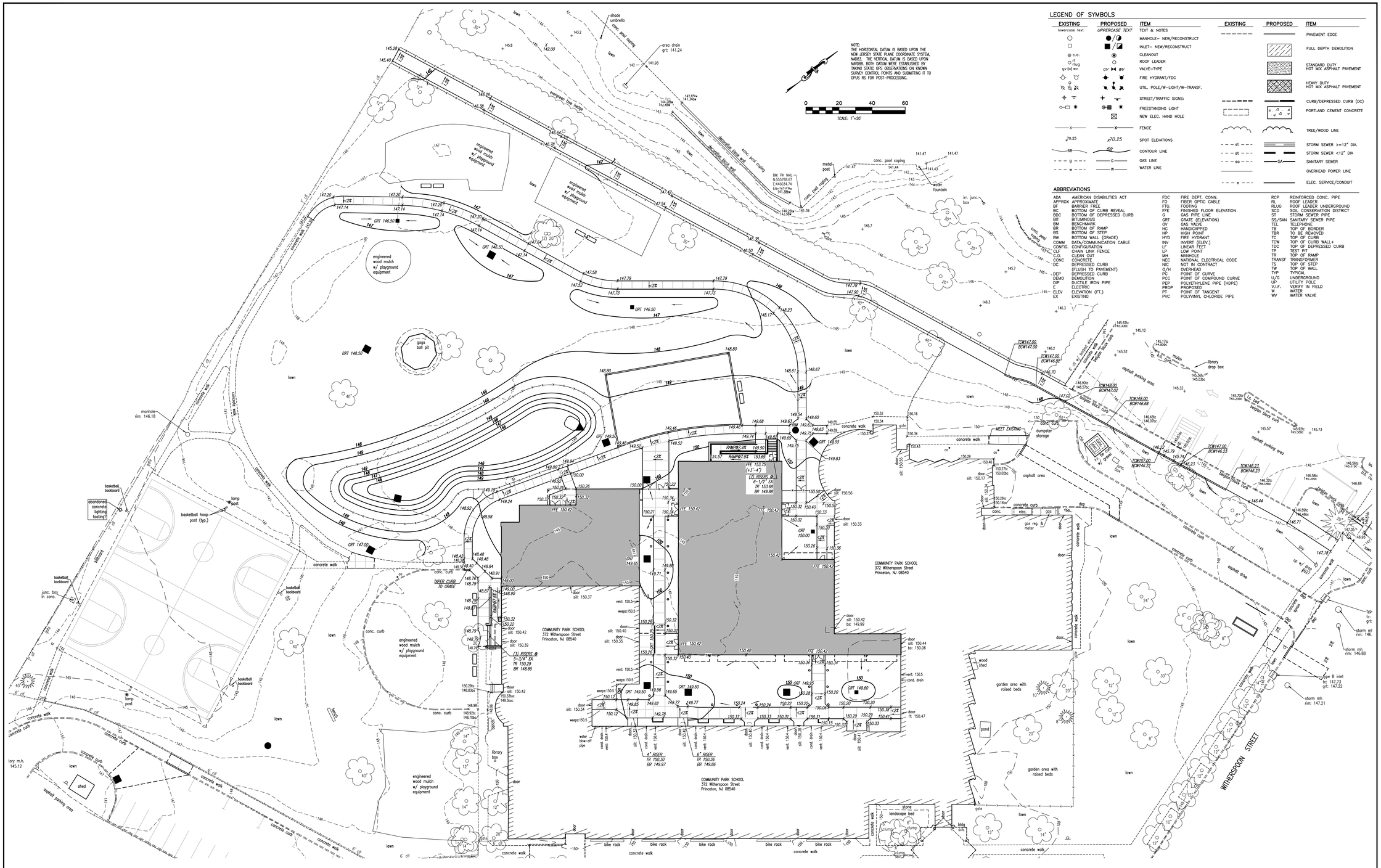
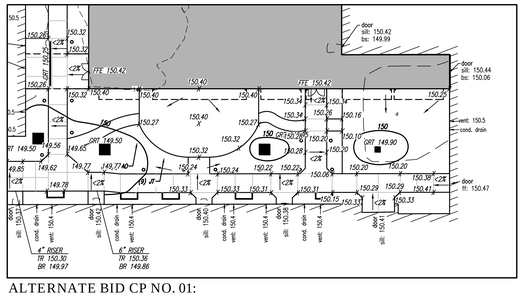
0 20 40 60
SCALE: 1"=20'
BM: PK NAIL N:555768.67 E:446034.74 Elev: 141.42
COMMUNITY PARK SCHOOL 372 Witherspoon Street Princeton, NJ 08540
WITHERSPOON STREET
CONSTRUCT 4' CHAIN LINK FENCE
CONSTRUCT 6' HIGH CHAIN LINK FENCE
"Y" FENCE MEETS 6' FENCE AT END POST.
CONSTRUCT NEW END POST WHERE NEW 6' FENCE EXISTING 6' FENCE.
BIKE PATH SHALL MEANDER AS NEEDED TO RESPECT PROTECTION ZONE (DRIP LINE) OF EXISTING TREES
CONSTRUCT BENCHES
CONSTRUCT ENGINEERED WOOD MULCH PLAYGROUND SURFACE
RESTORE LAWN TYP. FOR ALL DISTURBED AREAS.
CONSTRUCT SD CONCRETE SIDEWALK
CONSTRUCT CONC. CURB
CONSTRUCT CONCRETE WALL
CONSTRUCT CONCRETE RAMP
CONSTRUCT CONCRETE STAIRS W/ CHECK WALLS, GUARDRAIL & HANDRAIL
CONSTRUCT DOOR LANDING
CONSTRUCT 12' WIDE DOUBLE SWING GATE
CONSTRUCT 6' CHAIN LINK FENCE AROUND BIORETENTION BASIN
CONSTRUCT 11' WIDE SINGLE SWING GATE
OUTLOOK STRUCTURE - REFER TO UTILITY PLAN
NEW INLET REFER TO UTILITY PLAN
NEW MANHOLE - REFER TO UTILITY PLAN
NEW INLET (TYP.) REFER TO UTILITY PLAN
NEW INLET TYP. FOR ALL DISTURBED AREAS. REFER TO UTILITY PLAN
NEW GATES W/ PANIC HARDWARE - REFER TO ARCH. PLANS
NEW CANOPY - REFER TO ARCH. PLANS
LIGHT BOLLARD - REFER TO ARCH. & MEP PLANS TYP.
PATIO AND LANDSCAPING - SEE ALT BID CP NO. 01
LANDSCAPING BED ALT BID CP NO. 01
CONSTRUCT HD. CONCRETE PAVEMENT
CONSTRUCT ASPHALT DRIVE
CONSTRUCT ASPHALT PARKING AREA
CONSTRUCT ASPHALT PATH
CONSTRUCT ASPHALT RAMP
CONSTRUCT ASPHALT AREA
CONSTRUCT CONCRETE WALK
CONSTRUCT ADA CURB RAMP
CONSTRUCT CONCRETE CURB
CONSTRUCT CONCRETE SPLASH
CONSTRUCT CONCRETE WALK

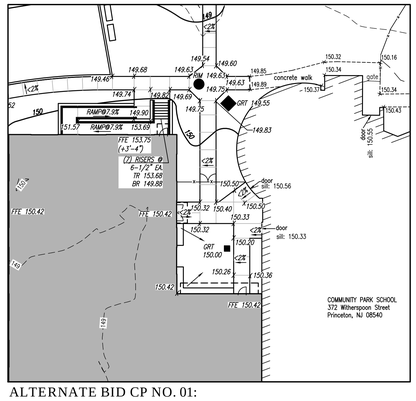


GRADING NOTES:

1. ALL UTILITY VALVE COVERS SHALL BE RESET TO FINAL PAVEMENT GRADE. BROKEN OR SEVERELY WORN CASTINGS SHALL BE REPLACED "IN KIND." INCLUDE AT LEAST SIX (6) GAS AND WATER VALVE CASTING REPLACEMENTS IN THE CONTRACT.
2. THE PLANS DESIGNATE AT LEAST TWO (2) BENCHMARKS. ONLY DESIGNATED BENCHMARKS SHALL BE USED WHEN ESTABLISHING INTERIM AND FINAL ELEVATIONS FOR ALL NEW CONSTRUCTION IMPROVEMENTS. THE CONTRACTOR IS PROCEEDING AT ITS OWN RISK IF NEW ELEVATIONS ARE ESTABLISHED BY REFERENCING ANY ELEVATION OTHER THAN A DESIGNATED BENCHMARK.
3. REFER TO THE PROJECT SPECIFICATIONS FOR SPECIFIC EARTHWORK AND COMPACTION REQUIREMENTS AFTER DEMOLITION AND ROUGH GRADING HAS BEEN COMPLETED.
4. THE MAXIMUM RUNNING AND CROSS SLOPES OF SIDEWALKS ALONG A MEANS OF EGRESS SHALL BE AS FOLLOWS:
   CROSS SLOPE: 2% MAXIMUM
   RUNNING SLOPE: 5% MAXIMUM
   ADA COMPLIANT RAMP: 8.3% MAXIMUM
5. SPOT ELEVATIONS ARE SHOWN ON THE PLAN IN KEY LOCATIONS AND PROPOSED CONSTRUCTION IS REQUIRED TO ACHIEVE THESE ELEVATIONS TO ENSURE CODE COMPLIANCE. THE PROPOSED SPOT ELEVATIONS SHOWN ON THE PLAN ENSURE THAT THE REQUIREMENTS IN NOTE #4 ARE MET.
6. FURNISH A DETAILED "AS–BUILT" SURVEY DOCUMENTING THAT THE GRADES AND ELEVATIONS SHOWN ON THE GRADING PLAN HAVE BEEN MET DURING CONSTRUCTION AND COMPLY WITH NOTES ABOVE. ANY CONSTRUCTION (ESPECIALLY BARRIER FREE (ADA) PARKING STALLS, CURB RAMPS & WALKWAYS) THAT EXCEEDS THE GRADES SHOWN IN NOTE #4 WILL BE RECONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
7. **ENGAGE A LICENSED PROFESSIONAL LAND SURVEYOR TO STAKE OUT CONSTRUCTION AND SET CONTROL POINTS SO THAT THE LINES AND GRADES SHOWN ON THE PLAN ARE MET.**
8. LAWN AREAS AROUND NEW CONSTRUCTION SHALL BE GRADED TO PROVIDE A FLUSH EDGE AND UNIFORM TRANSITION BETWEEN EXISTING AND PROPOSED ELEVATIONS. THE LIMITS OF GRADING (WHEN NOT CLEARLY DISCERNABLE BY CONTOUR LINES AND SPOT ELEVATIONS) SHALL BE EXTENDED UP TO 5 FEET BEYOND THE LIMIT OF CONSTRUCTION TO ENSURE THAT A SMOOTH TRANSITION IS PROVIDED.
9. ALL AREAS OF THE SITE SHALL BE GRADED TO ENSURE THAT STORM WATER DOES NOT POOL OR BECOME IMPOUNDED.
10. THE RECOMMENDED MINIMUM SLOPE IN LAWN AREAS IS ONE AND ONE–HALF (1.5) PERCENT. IN SOME AREAS IT IS NECESSARY FOR LAWN AREAS TO SLOPE AS LITTLE AS ONE (1) PERCENT. IN THESE AREAS, THE CONTRACTOR SHALL TAKE ADDITIONAL MEASURES TO FINE GRADE FINISHED SURFACES TO MAINTAIN POSITIVE DRAINAGE.
11. ALL IMPORTED FILL AND DENSE GRADED AGGREGATE SHALL BE CERTIFIED CLEAN PER THE NJ RESIDENTIAL SITE REMEDIATION STANDARDS.
12. MINIMIZE GRADING WITHIN THE PROTECTION ZONE (DRIP LINE) OF EXISTING TREES.



ALTERNATE BID CP NO. 01:
COURTYARD IMPROVEMENTS



ALTERNATE BID CP NO. 01:
READING NOOK IMPROVEMENTS

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Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By

Scale

Drawing Name
SITE GRADING PLAN

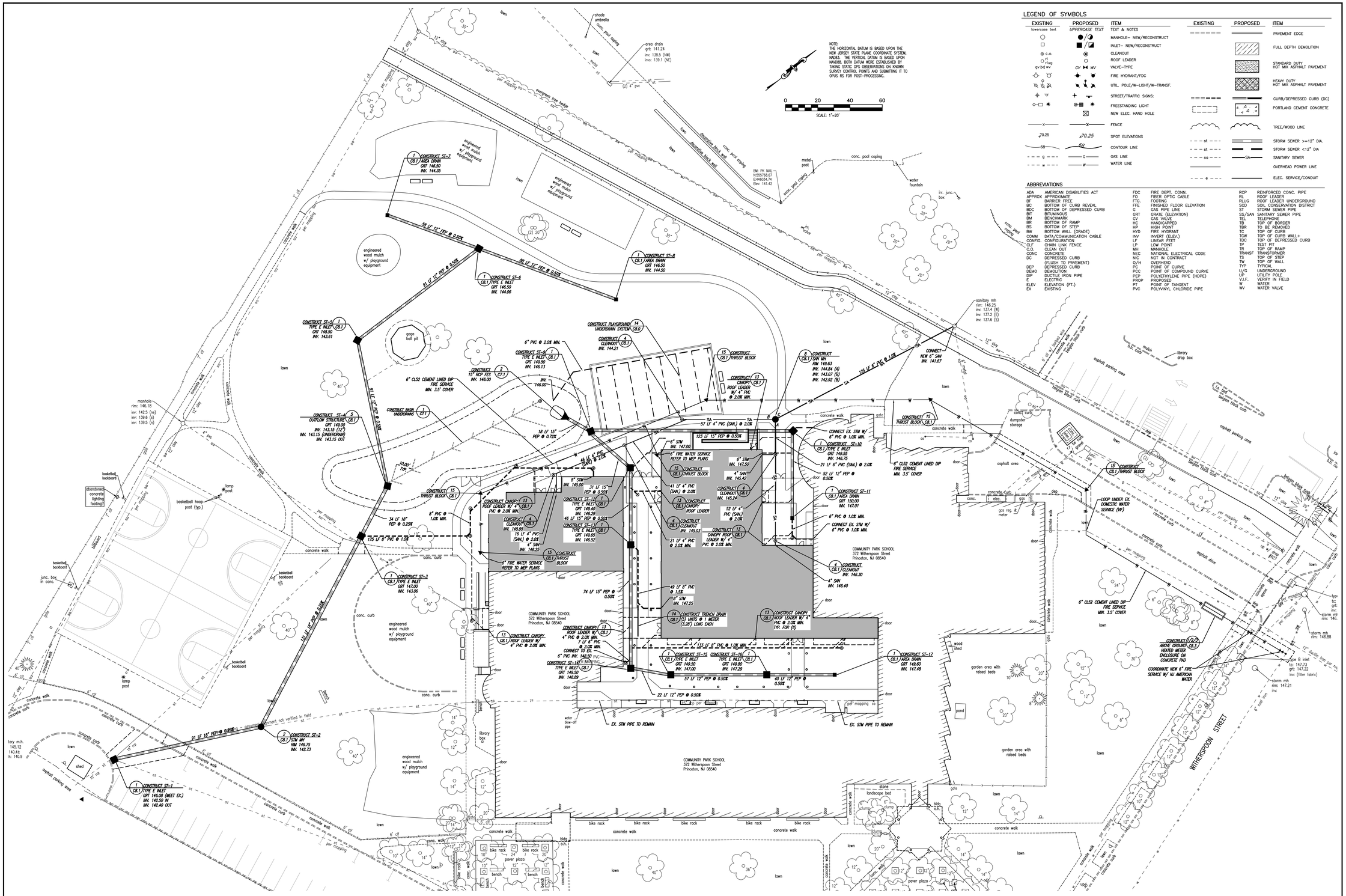
Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

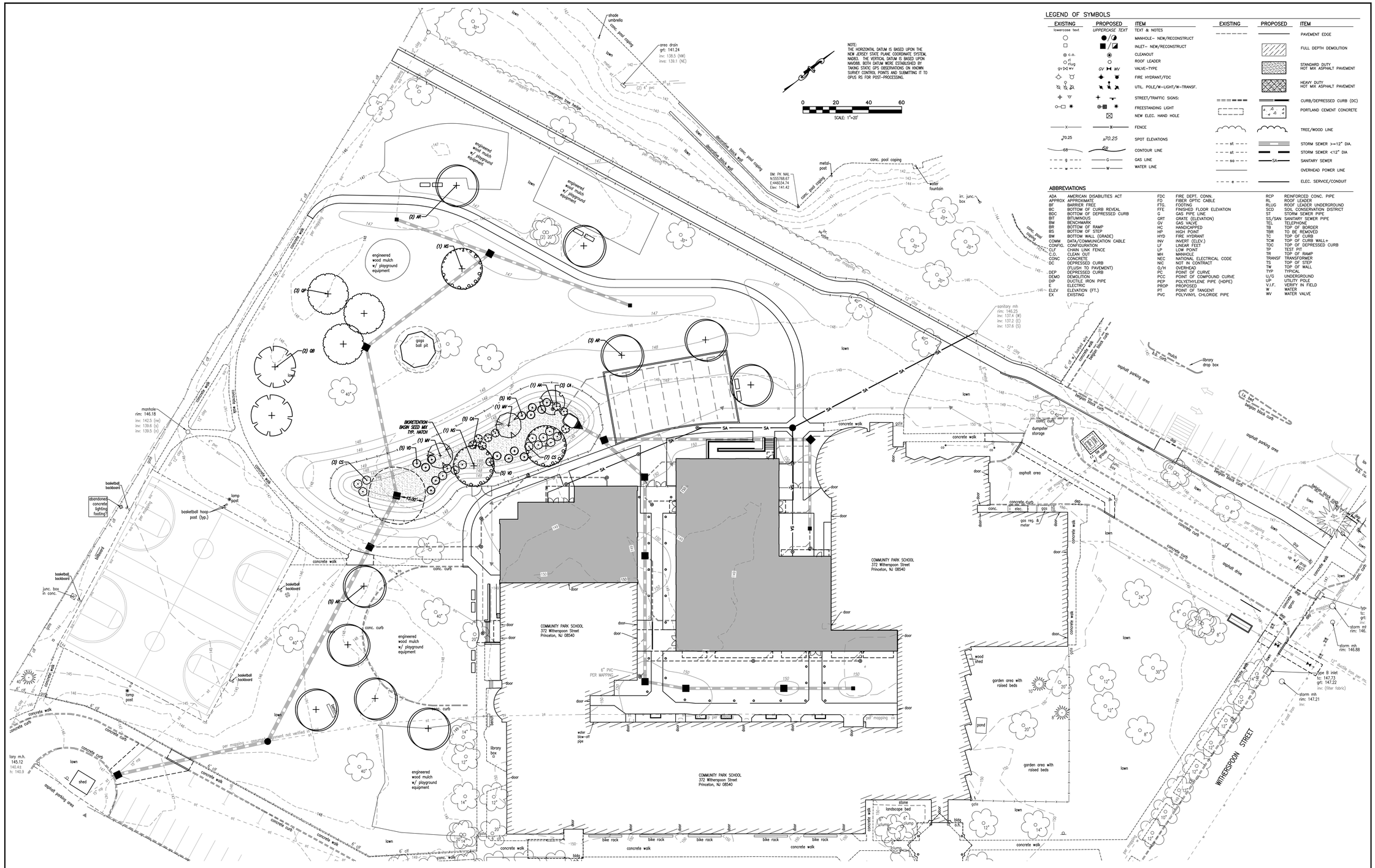
Civil Engineering Consultant: EEG 1633D

EDWARDS ENGINEERING GROUP
AN L2A COMPANY

BETH E. KENDERDINE, P.E. 12.15.25
Professional Engineer NJ. Lic. No. GE45532

Drawing Number
C-4.0


LEGEND OF SYMBOLS
EXISTING
PROPOSED
ITEM
ABBREVIATIONS
NOTE: THE HORIZONTAL DATUM IS BASED UPON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NAD83. THE VERTICAL DATUM IS BASED UPON NAVD88. BOTH DATUM WERE ESTABLISHED BY TAKING STATIC GPS OBSERVATIONS ON KNOWN SURVEY CONTROL POINTS AND SUBMITTING IT TO OPUS RS FOR POST-PROCESSING.
0 20 40 60
SCALE: 1"=20'
COMMUNITY PARK SCHOOL
372 Witherspoon Street
Princeton, NJ 08540
WITHERSPOON STREET
1 CONSTRUCT ST-1 CB.1 TYPE E INLET GRT 140.08 (WEST EX.) INV. 142.50 IN INV. 142.40 OUT
2 CONSTRUCT ST-2 CB.1 STM MH RIM 146.75 INV. 142.73
3 CONSTRUCT ST-3 CB.1 TYPE E INLET GRT 147.00 INV. 143.06
4 CONSTRUCT ST-4 OUTFLOW STRUCTURE CB.1 GRT 149.00 INV. 143.15 (12") INV. 143.15 (UNDERDRAIN) INV. 143.15 OUT
5 CONSTRUCT ST-5 TYPE E INLET CB.1 GRT 148.50 INV. 143.61
6 CONSTRUCT ST-6 TYPE E INLET CB.1 GRT 146.50 INV. 144.06
7 CONSTRUCT ST-7 AREA DRAIN CB.1 GRT 146.50 INV. 144.35
8 CONSTRUCT ST-8 AREA DRAIN CB.1 GRT 146.50 INV. 144.50
9 CONSTRUCT ST-9 TYPE E INLET CB.1 GRT 149.50 INV. 146.13
10 CONSTRUCT ST-10 TYPE E INLET CB.1 GRT 149.55 INV. 146.75
11 CONSTRUCT ST-11 AREA DRAIN CB.1 GRT 150.00 INV. 147.01
12 CONSTRUCT ST-12 TYPE E INLET CB.1 GRT 149.60 INV. 147.40
13 CONSTRUCT ST-13 TYPE E INLET CB.1 GRT 149.40 INV. 146.29
14 CONSTRUCT ST-14 TYPE E INLET CB.1 GRT 149.50 INV. 146.89
15 CONSTRUCT ST-15 TYPE E INLET CB.1 GRT 149.50 INV. 147.00
16 CONSTRUCT ST-16 TYPE E INLET CB.1 GRT 149.80 INV. 147.29
1 CONSTRUCT CB.1 THRUST BLOCK
2 CONSTRUCT 15" RCP YES INV. 146.00
3 CONSTRUCT BASIN UNDERDRAIN C1.1
4 CONSTRUCT CLEANOUT CB.1 INV. 144.21
5 CONSTRUCT CLEANOUT CB.1 INV. 145.42
6 CONSTRUCT CLEANOUT CB.1 INV. 145.24
7 CONSTRUCT CLEANOUT CB.1 INV. 145.03
8 CONSTRUCT CLEANOUT CB.1 INV. 146.30
9 CONSTRUCT SAN MH RIM 149.63 INV. 144.84 (A) INV. 143.07 (B) INV. 142.82 (D)
10 CONSTRUCT CONNECT NEW 6" SAN INV. 141.67
11 CONSTRUCT CANOPY ROOF LEADER W/ 4" PVC @ 2.0% MIN.
12 CONSTRUCT CANOPY ROOF LEADER
13 CONSTRUCT CANOPY ROOF LEADER W/ 4" PVC @ 2.0% MIN.
14 CONSTRUCT TRENCH DRAIN CB.1 (5) UNITS @ 1 METER (3.28') LONG EACH
15 CONSTRUCT THRUST BLOCK CB.1
16 CONSTRUCT PLAYGROUND UNDERDRAIN SYSTEM CB.1
CONSTRUCT 1 1/2" ABOVE GROUND HEATED METER ENCLOSURE ON CONCRETE PAD
COORDINATE NEW 6" FIRE SERVICE W/ NJ AMERICAN WATER
6" CL52 CEMENT LINED DIP FIRE SERVICE MIN. 3.5" COVER
LOOP UNDER EX. DOMESTIC WATER SERVICE (W)
CONNECT EX. STM W/ 6" PVC @ 1.0% MIN.
CONNECT EX. SAN W/ 6" PVC @ 1.0% MIN.
EX. STM PIPE TO REMAIN
EX. SAN PIPE TO REMAIN
6" FIRE WATER SERVICE REFER TO MEP PLANS
engineered wood mulch w/ playground equipment
gaga ball pit
basketball backboard
basketball hoop post (typ.)
lamp post
abandoned concrete lighting footing
junc. box in conc.
shed
library box D
water fountain
metal post
shade umbrella
conc. pool coping
area drain grt: 141.24 inv: 138.5 (NW) inv: 139.1 (NE)
(2) 4" pvc
BM: PK NAIL N:555768.67 E:446034.74 Elev: 141.42
manhole rim: 146.18 inv: 142.5 (ne) inv: 139.6 (s) inv: 139.5 (s)
sanitary mh rim: 146.25 inv: 137.4 (W) inv: 137.2 (E) inv: 137.6 (S)
dumpster storage
gas reg. & meter
gate
bench
bike rack
power plaza
stone landscape bed
pond
garden area with raised beds
wood shed
asphalt parking area
asphalt drive
concrete walk
concrete curb
lawn
mulch
6" curb
4" curb
6" conc. curb
6" cl
6" conc. curb
6" conc. curb
6" conc. curb



LEGEND OF SYMBOLS

EXISTING	PROPOSED	ITEM
lowercase text	*UPPERCASE TEXT*	TEXT & NOTES
○	● / ◪	MANHOLE– NEW/RECONSTRUCT
□	■ / ◪	INLET– NEW/RECONSTRUCT
⊙ c.o.	◉	CLEANOUT
○ rl / rlug	○	ROOF LEADER
gv bo wv	GV WV	VALVE–TYPE
		FIRE HYDRANT/FDC
		UTIL. POLE/W–LIGHT/W–TRANSF.
		STREET/TRAFFIC SIGNS:
		FREESTANDING LIGHT
	⊠	NEW ELEC. HAND HOLE
x x	x x	FENCE
70.25	x70.25	SPOT ELEVATIONS
68	68	CONTOUR LINE
g g	g g	GAS LINE
w w	w w	WATER LINE

EXISTING	PROPOSED	ITEM
		PAVEMENT EDGE
		FULL DEPTH DEMOLITION
		STANDARD DUTY HOT MIX ASPHALT PAVEMENT
		HEAVY DUTY HOT MIX ASPHALT PAVEMENT
		CURB/DEPRESSED CURB (DC)
		PORTLAND CEMENT CONCRETE
		TREE/WOOD LINE
st st	st st	STORM SEWER >=12" DIA.
st st	st st	STORM SEWER <12" DIA
so so	SA SA	SANITARY SEWER
		OVERHEAD POWER LINE
e e	e e	ELEC. SERVICE/CONDUIT

ABBREVIATIONS

ADA	AMERICAN DISABILITIES ACT	FDC	FIRE DEPT. CONN.	RCP	REINFORCED CONC. PIPE
APPROX	APPROXIMATE	FO	FIBER OPTIC CABLE	RL	ROOF LEADER
BF	BARRIER FREE	FTG	FOOTING	RLUG	ROOF LEADER UNDERGROUND
BC	BOTTOM OF CURB REVEAL	FFE	FINISHED FLOOR ELEVATION	SCD	SOIL CONSERVATION DISTRICT
BDC	BOTTOM OF DEPRESSED CURB	G	GAS PIPE LINE	ST	STORM SEWER PIPE
BIT	BITUMINOUS	GRT	GRATE (ELEVATION)	SS/SAN	SANITARY SEWER PIPE
BM	BENCHMARK	GV	GAS VALVE	TEL	TELEPHONE
BR	BOTTOM OF RAMP	HC	HANDICAPPED	TB	TOP OF BORDER
BS	BOTTOM OF STEP	HP	HIGH POINT	TBR	TO BE REMOVED
BW	BOTTOM WALL (GRADE)	HYD	FIRE HYDRANT	TC	TOP OF CURB
COMM	DATA/COMMUNICATION CABLE	INV	INVERT (ELEV.)	TCW	TOP OF CURB WALL+
CONFIG.	CONFIGURATION	LF	LINEAR FEET	TDC	TOP OF DEPRESSED CURB
CLF	CHAIN LINK FENCE	LP	LOW POINT	TP	TEST PIT
C.O.	CLEAN OUT	MH	MANHOLE	TR	TOP OF RAMP
CONC	CONCRETE	NEC	NATIONAL ELECTRICAL CODE	TRANSF	TRANSFORMER
DC	DEPRESSED CURB	NIC	NOT IN CONTRACT	TS	TOP OF STEP
	(FLUSH TO PAVEMENT)	O/H	OVERHEAD	TW	TOP OF WALL
DEP	DEPRESSED CURB	PC	POINT OF CURVE	TYP	TYPICAL
DEMO	DEMOLITION	PCC	POINT OF COMPOUND CURVE	U/G	UNDERGROUND
DIP	DUCTILE IRON PIPE	PE	POLYETHYLENE PIPE (HDPE)	UP	UTILITY POLE
E	ELECTRIC	PROP	PROPOSED	V.I.F.	VERIFY IN FIELD
ELEV	ELEVATION (FT.)	PT	POINT OF TANGENT	W	WATER
EX	EXISTING	PVC	POLYVINYL CHLORIDE PIPE	WV	WATER VALVE

PLANTING SPECIFICATIONS

1. SCOPE OF WORK: THIS WORK SHALL CONSIST OF PERFORMING, CLEARING AND SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE WITH LIGHTING AND IRRIGATION CONTRACTORS REGARDING TIMING OF INSTALLATION OF PLANT MATERIAL.
2. MATERIALS:
   A. ALL MATERIALS SHALL BE BEST OF ITS KIND AVAILABLE.
   B. PLANTS SHALL CONFORM TO CURRENT "AMERICAN STANDARDS FOR NURSERY STOCK" BY AMERICAN ASSOCIATION OF NURSERYMEN (AAN), PARTICULARLY WITH REGARD TO SIZE, GROWTH, SIZE OF BALL, AND DENSITY OF BRANCH STRUCTURE.
   C. ALL PLANTS SHALL HAVE NORMAL, WELL-DEVELOPED BRANCHES & VIGOROUS ROOT SYSTEMS. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM DEFECTS, DISFIGURING KNOTS, ABRASIONS OF THE BARK, SUN SCALD INJURIES, PLANT DISEASES, INSECT EGGS, BORERS AND ALL OTHER FORMS OF INFECTION. ALL PLANTS SHALL BE NURSERY GROWN. ALL PLANTS SHALL BE GRADE "A" NURSERY STOCK.
   D. PLANTS PLANTED IN ROWS SHALL BE MATCHED SPECIMENS AND BE UNIFORM IN SIZE AND FORM.
   E. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER OR LANDSCAPE ARCHITECT.
   F. HARDWOOD MULCH TO BE DOUBLE-SHREDDED HARDWOOD MULCH TO MEET THE STANDARDS SET FORTH IN THE "SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY STANDARDS"
4. GENERAL WORK PROCEDURES:
   A. LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING.
   B. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE ENCOUNTERED.
   C. IN THE EVENT OF VARIATIONS BETWEEN WRITTEN QUANTITIES SHOWN ON THE PLAN AND THE PLANT LIST, THE PLANS SHALL CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO THE COMMENCEMENT OF WORK. ALL DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING.
   D. PERMEABLE WEED RETARDANT BARRIER SHALL BE USED IN ALL NON–GRASSED AREA.
5. WEEDING: BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
6. TOPSOILING:
   A. CONTRACTOR TO PROVIDE SIX INCHES (6") MINIMUM THICK TOPSOIL LAYER IN ALL PLANTING AREA AND FIVE INCHES (5") MINIMUM THICK TOPSOIL LAYER IN ALL SEEDED AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO PRODUCE THE REQUIRED COMPACTED THICKNESS.
   B. TOPSOIL TO MEET THE STANDARDS SET FORTH IN THE "SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY STANDARDS." BEFORE PLANTING, CONTRACTOR SHALL TEST TOPSOIL UTILIZED IN ALL PLANTING AREAS FOR PH, FERTILIZER SALTS, ORGANIC MATTER AND BULK DENSITY AND ADJUST LEVELS AS REQUIRED BY STANDARDS SET FORTH IN THE "SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY STANDARDS."
   G. THE CONTRACTOR SHALL FERTILIZE ALL PLANT MATERIAL WITH 5–10–5 FERTILIZER, OR APPROVED EQUAL AT THE RATE SPECIFIED BY THE MANUFACTURER AS NECESSARY. ALL TURF AREAS SHALL BE LIMED AND FERTILIZED APPROPRIATELY FOR THE TYPES OF SOILS ON THE SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE SOIL ACIDITY AND A SOIL TEST CONDUCTED BY THE COUNTY SOIL DISTRICT OR EXTENSION SERVICE TO ESTABLISH THE SOIL'S LIME AND FERTILIZER RATES.
   H. CULTIVATE ALL AREAS TO BE PLANTED TO A DEPTH OF 6". ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
   I. THOROUGHLY TILL ORGANIC MATTER INTO THE TOP SIX INCHES (6") OF PLANTING SOILS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. USE COMPOSTED BARK, RECYCLED YARD WASTE, OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5. MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED MATERIALS (UP TO 30% BY VOLUME). IMPROVE DRAINAGE IN HEAVY SOILS BY INCLUDING SUBSURFACE DRAINAGE LINES. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.
7. PLANTING:
   A. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED. IF UTILITY LINES ARE ENCOUNTERED IN EXCAVATION OF TREE PITS, OTHER LOCATIONS FOR TREES SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. NO CHANGES OF LOCATION SHALL BE MADE WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
   B. PLANTS SHALL BE PRUNED OF DEAD, DAMAGED, OR DISEASED BRANCHES PRIOR TO DELIVERY. PRUNING SHALL MAINTAIN THE NATURAL FORM OR HABIT OF THE PLANT UNLESS A FORMAL HEDGE HAS BEEN SPECIFIED BY THE LANDSCAPE ARCHITECT. FLOWERING SHRUBS/TREES TO BE PRUNED AFTER FLOWERING. A CLEAN CUT SHALL BE MADE PERPENDICULAR TO THE BRANCH WITH A SHARP IMPLEMENT. TREE LEADERS SHALL NEVER BE CUT. ALL INJURED ROOTS SHALL BE PRUNED PRIOR TO PLANTING. A CLEAN CUT SHALL BE MADE PERPENDICULAR TO THE ROOT WITH A SHARP IMPLEMENT. PRUNE ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS TO A MIN. OF 7' BRANCHING HEIGHT.
   C. PLANTS SHOULD BE PLANTED ON DAY OF DELIVERY; CONTRACTOR SHALL PROTECT AND WATER MATERIALS NOT PLANTED ON DAY OF DELIVERY. ALL MATERIALS TO BE PLANTED WITHIN THREE DAYS AFTER DELIVERY.
   D. PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL PREPARED SOIL AROUND BALL OF PLANT 1/2 WAY, AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY.
   E. CUT AND REMOVE BURLAP, ROPE, AND WIRE BASKET FROM THE TOP 1/3 OF THE ROOT BALL. NYLON ROPE AND/OR NYLON BALLING MATERIAL SHALL NOT BE USED.
   F. ALL PLANTS SHALL BE SET SO THAT THEY BEAR THE SAME RELATION TO THE REQUIRED GRADE AS THEY BORE TO THE NATURAL GRADE BEFORE BEING TRANSPLANTED.
   G. WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH PLANT IN SUCH MANNER AS NOT TO DISTURB BACK FILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. ALL WATER APPLIED TO PLANTED OR TURF AREAS SHALL BE FREE FROM IMPURITIES HARMFUL TO VEGETATION AND APPLIED AT A RATE OF 5 GALLONS OF WATER PER SQUARE YARD OF PLANT BED IMMEDIATELY AFTER PLANTING AND INSTALLATION. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ADEQUATE IRRIGATION TO ALL PLANT MATERIALS AND LAWN AREAS INSTALLED AS PART OF THIS CONTRACT DURING THE CONSTRUCTION TIME PERIOD UP TO AND INCLUDING THE TIME PERIOD ESTABLISHED FOR PLANT MATERIAL GUARANTEE. WATER APPLIED DURING THE GUARANTEE PERIOD SHALL BE AT THE RATE OF 1 INCH OF WATER PER WEEK, WITH AN ALLOWANCE FOR NATURAL PRECIPITATION AND RAINFALL.
   H. ROOT BARRIER PRODUCT SHALL BE INSTALLED IN THE PLANTING PITS OF TREES BEING INSTALLED WITHIN TEN FEET OF NEW OR EXISTING PAVEMENT, CURB OR SIDEWALK. ROOT BARRIER SHALL ONLY BE INSTALLED IN SIDE(S) OF PLANTING PITS THAT ARE WITHIN TEN FEET OF NEW OR EXISTING PAVEMENT, CURB OR SIDEWALK.
   I. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR STABILITY AND CONDITIONS OF ALL TREES AND SHRUBS AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY PLANT MATERIALS.
   J. ALL GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING GROUND COVER.
8. SEEDING:
   A. ALL CLEARED GROUND NOT INDICATED FOR PLANTING SHALL BE SEEDED WITH LAWN GRASS.
   B. ALL SEEDED AREAS TO BE MULCHED IN ACCORDANCE WITH THE "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY".
9. GUARANTEE:
   A. CONTRACTOR SHALL GUARANTEE ALL PLANTS AND LAWN FOR A PERIOD OF TWO (2) YEAR FROM ACCEPTANCE OF JOB TO BE ALIVE AND IN VIGOROUS GROWING CONDITION DURING AND AT THE END OF THE GUARANTEE PERIOD. REMOVE UNSATISFACTORY AND DEAD PLANTS EVERY MONTH DURING THE GUARANTEE PERIOD AND REPLACE WITH PLANTS OF THE SAME KIND, QUALITY, AND SIZE AS SPECIFIED.
   B. UPON COMPLETION OF THE TWO (2) YEAR PLANT GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REMOVING TREE STAKES AND GUY WIRES FROM ALL TREES. THIS SHALL BE DONE IN CONSULTATION WITH THE LANDSCAPE ARCHITECT.
   C. MEADOW AREAS SHALL BE NO MORE THAN 20% WEED SPECIES AT THE END OF FIRST TWO (2) GROWING SEASONS.

PLANT SCHEDULE

TREES

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY
AR	ACER RUBRUM	RED MAPLE	1.5"–2" CAL.	10
AA	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	6'–8' HT.	1
MV	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	6'–8' HT.	2
NS	NYSSA SYLVATICA	BLACK GUM	1.5"–2" CAL.	3
QB	QUERCUS BICOLOR	SWAMP WHITE OAK	1.5"–2" CAL.	2
QP	QUERCUS PHELLOS	WILLOW OAK	1.5"–2" CAL.	3

SHRUBS

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY
CA	CLETHRA ALNIFOLIA	SUMMERSWEET	24" MIN.	8
CS	CORNUS SERICEA	REDTWIG DOGWOOD	30" MIN.	10
VD	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	30" MIN.	15

BIORETENTION BASIN SEED MIX

ERNST SEED ITEM NUMBER: ERNMX–180 (RAIN GARDEN SEED MIX)
OR APPROVED EQUAL
SEEDING RATE: 20 LBS PER ACRE
SOW WITH COVER CROP: OATS (1 JAN TO 31 JUL; 30 LBS/ACRE) OR GRAIN RYE (1 AUG TO 31 DEC; 30 LBS/ACRE).

% MIX	BOTANICAL NAME	COMMON NAME
29.5%	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM
20.0%	ELYMUS VIRGINICUS	VIRGINIA WILDRYE
9.0%	CAREX VULPINOIDEA	FOX SEDGE
8.0%	ECHINACEA PURPUREA	PURPLE CONEFLOWER
5.8%	PANICUM RIGIDULUM	REDTOP PANICGRASS
5.3%	DICHANTHELIUM LATIFOLIUM	RIVER OATS, WV ECOTYPE
3.0%	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS
3.0%	RUDBECKIA HIRTA	BLACKEYED SUSAN
2.5%	VERBENA HASTATA	BLUE VERVAIN
2.0%	PANICUM CLANDESTINUM	DEERTONGUE
1.8%	HELIOPSIS HELIANTHOIDES	OXEYE SUNFLOWER
1.5%	ASCLEPIAS INCARNATA	SWAMP MILKWEED
1.3%	PENSTEMON DIGITALIS	TALL WHITE BEARDTONGUE
1.0%	CAREX SCOPARIA	BLUNT BROOM SEDGE
1.0%	SENNA HEBECARPA	WILD SENNA
1.0%	ZIZIA AUREA	GOLDEN ALEXANDERS
0.5%	BAPTISIA AUSTRALIS	BLUE FALSE INDIGO
0.5%	JUNCUS EFFUSUS	SOFT RUSH
0.5%	JUNCUS TENUIS	PATH RUSH
0.5%	PYCNANTHEMUM TENUIFOLIUM	NARROWLEAF MOUNTAINMINT
0.5%	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED
0.4%	ASTER NOVAE–ANGLIAE	NEW ENGLAND ASTER
0.4%	MONARDA FISTULOSA	WILD BERGAMOT
0.2%	ASTER LATERIFLORUS	CALICO ASTER
0.2%	ASTER PRENANTHOIDES	ZIGZAG ASTER
0.1%	ASTER PILOSUS	HEATH ASTER
0.1%	EUPATORIUM PERFOLIATUM	BONESET
0.1%	MIMULUS RINGENS	SQUARE STEMMED MONKEYFLOWER
0.1%	SOLIDAGO JUNCEA	EARLY GOLDENROD
0.1%	SOLIDAGO NEMORALIS	GRAY GOLDENROD
0.1%	SOLIDAGO RUGOSA	WRINKLELEAF GOLDENROD

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Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By

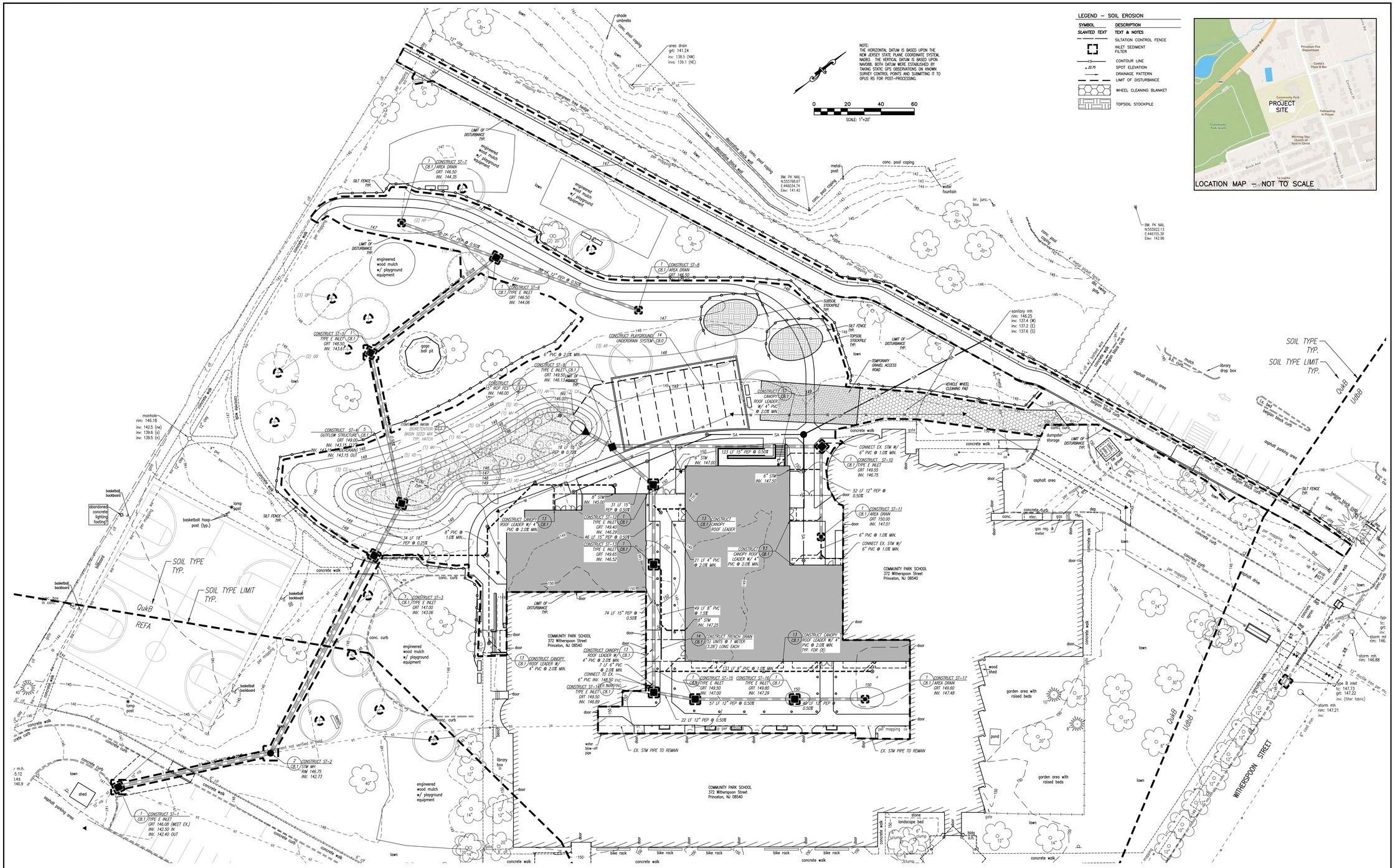
Scale

Drawing Name
SITE LANDSCAPING PLAN

Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

Civil Engineering Consultant: EEG 1633D
EDWARDS ENGINEERING GROUP
AN L2A COMPANY
BETH E. KENDERDINE, P.E. 12.15.25
Professional Engineer N.J. Lic. No. GE45532

Drawing Number
C-6.0



MERCER COUNTY SOIL EROSION AND SEDIMENT CONTROL NOTES

1. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO STARTING LAND DISTURBANCE ACTIVITY. NOTICE MAY BE MAILED, FAXED OR EMAILED TO: MCSCD, 590 HUGHES DRIVE, HAMILTON SQUARE, NJ 08690 PHONE: 609-586-9603 FAX: 609-586-1117 EMAIL: PAUL51MERCER@AOL.COM, LINDA1MERCER@AOL.COM
2. IF APPLICABLE TO THIS PROJECT, THE OWNER SHOULD BE AWARE OF HIS OR HER OBLIGATION TO FILE FOR A NJPDES CONSTRUCTION ACTIVITY STORMWATER 5G3 PERMIT (5G3-NJ0088323) VIA THE NJDEP ONLINE PERMITTING SYSTEM (WWW.NJ.GOV/DEP/ONLINE) AND TO MAINTAIN THE ASSOCIATED BEST MANAGEMENT PRACTICES AND STORMWATER POLLUTION PREVENTION PLAN SELF-INSPECTION LOGBOOK ONSITE AT ALL TIMES. THIS PERMIT MUST BE FILED PRIOR TO THE START OF SOIL DISTURBANCE. THE ONLINE APPLICATION PROCESS WILL REQUIRE ENTRY OF AN SCD CERTIFICATION CODE, WHICH IS PROVIDED BY THE SOIL CONSERVATION DISTRICT UPON CERTIFICATION OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
3. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP.
4. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INCLUDING AN INCREASE IN THE LIMIT OF DISTURBANCE, WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RECERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION & SEDIMENT CONTROL STANDARDS.
5. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
6. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE AS OUTLINED WITHIN THE SEQUENCE OF CONSTRUCTION ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NJ. IF LANGUAGE CONTAINED WITHIN ANY OTHER PERMIT FOR THIS PROJECT IS MORE RESTRICTIVE THAN (BUT NOT CONTRADICTORY TO) WHAT IS CONTAINED WITHIN THESE NOTES OR ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, THEN THE MORE RESTRICTIVE PERMIT REQUIREMENTS SHALL BE FOLLOWED.
8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A 1½' TO 2½' CLEAN STONE TRACKING PAD AT ALL CONSTRUCTION DRIVEWAYS IMMEDIATELY AFTER INITIAL SITE DISTURBANCE, WHETHER IDENTIFIED ON THE CERTIFIED PLAN OR NOT. THE WIDTH SHALL SPAN THE FULL WIDTH OF EGRESS, AND LENGTH SHALL BE 50 FT. OR MORE, DEPENDING ON SITE CONDITIONS AND AS REQUIRED BY THE STANDARD. THIS SHALL INCLUDE INDIVIDUAL LOT ACCESS POINTS WITHIN RESIDENTIAL SUBDIVISIONS. IF THE EGRESS IS TO A COUNTY ROAD, THEN A 20 FT. LONG PAVED TRANSITION SHALL BE PROVIDED BETWEEN THE EDGE OF PAVEMENT AND THE STONE ACCESS PAD.
9. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OF PRELIMINARY GRADING, PROVIDED THAT ALL OTHER REQUIREMENTS RELATED TO DETENTION BASINS, SWALES, AND THE SEQUENCE OF CONSTRUCTION HAVE BEEN MET.
10. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 14 DAYS AND NOT SUBJECT TO CONSTRUCTION ACTIVITY WILL IMMEDIATELY RECEIVE TEMPORARY STABILIZATION. IF THE SEASON PREVENTS ESTABLISHMENT OF A TEMPORARY VEGETATIVE COVER, OR IF THE AREA IS NOT TOPSOILED, THEN THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS. SLOPED AREAS IN EXCESS OF 3H:1V SHALL BE PROVIDED WITH EROSION CONTROL BLANKETS. CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES, ROADWAY EMBANKMENTS, ENVIRONMENTALLY SENSITIVE AREAS) WILL RECEIVE TEMPORARY STABILIZATION IMMEDIATELY AFTER INITIAL DISTURBANCE OR ROUGH GRADING
11. ANY STEEP SLOPES (I.E. SLOPES GREATER THAN 3H:1V) RECEIVING PIPELINE OR UTILITY INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS.
12. PERMANENT VEGETATION SHALL BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING AND TOPSOILING. ALL AGRONOMIC REQUIREMENTS CONTAINED WITHIN THE STANDARDS AND ON THE CERTIFIED PLAN SHALL BE EMPLOYED, INCLUDING WITH BINDER, IN ACCORDANCE WITH THE STANDARDS, SHALL BE USED ON ALL SEEDED AREAS. SAVE ALL TAGS AND/OR BAGS USED FOR SEED, LIME, AND FERTILIZER, AND PROVIDE THEM TO THE DISTRICT INSPECTOR TO VERIFY THAT MIXTURES AND RATES MEET THE STANDARDS.
13. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, THEN NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
14. DURING THE COURSE OF CONSTRUCTION, SOIL COMPACTION MAY OCCUR WITHIN HAUL ROUTES, STAGING AREAS AND OTHER PROJECT AREAS. IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING, COMPACTED SURFACES SHOULD BE SCARIFIED 6" TO 12" IMMEDIATELY PRIOR TO TOPSOIL APPLICATION. THIS WILL HELP ENSURE A GOOD BOND BETWEEN THE TOPSOIL AND SUBSOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
15. PRIOR TO SEEDING, TOPSOIL SHALL BE WORKED TO PREPARE A PROPER SEEDBED. THIS SHALL INCLUDE RAKING OF THE TOPSOIL AND REMOVAL OF DEBRIS AND STONES, ALONG WITH OTHER REQUIREMENTS OF THE STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION.
16. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE BURIED WITH LIMESTONE IN ACCORDANCE WITH THE STANDARD AND BE COVERED WITH A MINIMUM OF 12' OF SOIL HAVING A PH OF 5 OR MORE. PRIOR TO TOPSOIL APPLICATION AND SEEDBED PREPARATION. IF THE AREA IS TO RECEIVE TREE OR SHRUB PLANTINGS, OR IS LOCATED ON A SLOPE, THEN THE AREA SHALL BE COVERED WITH A MINIMUM OF 24" OF SOIL HAVING A PH OF 5 OR MORE.
17. MULCHING TO THE STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL REPORT OF COMPLIANCE. CONDITIONAL ROC'S ARE ONLY ISSUED WHEN THE SEASON PROHIBITS SEEDING. PERMANENT STABILIZATION MUST THEN BE COMPLETED DURING THE OPTIMUM SEEDING SEASON IMMEDIATELY FOLLOWING THE CONDITIONAL ROC, OR THE COMPLETION OF WORK IN A GIVEN AREA.
18. HYDROSEEDING IS A TWO-STEP PROCESS. THE FIRST STEP INCLUDES SEED, FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY, GOOD SEED-TO-SOIL CONTACT, AND GIVE A VISUAL INDICATION OF COVERAGE. UPON COMPLETION OF THE SEEDING OPERATION, HYDROMULCH SHOULD BE APPLIED AT A MINIMUM RATE OF 1500 LBS. PER ACRE IN SECOND STEP. THE USE OF HYDRO-MULCH, AS OPPOSED TO STRAW, IS LIMITED TO OPTIMUM SEEDING DATES AS LISTED IN THE STANDARDS. THE USE OF HYDROMULCH ON SLOPED AREAS IS DISCOURAGED.
19. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING LIFE OF THE CONSTRUCTION PROJECT. ALL SEDIMENT WASHED, DROPPED, TRACKED OR SPILLED ONTO PAVED SURFACES SHALL BE IMMEDIATELY REMOVED.
20. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION, AND FOR EMPLOYING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AT THE REQUEST OF THE MERCER COUNTY SOIL CONSERVATION DISTRICT.
21. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
22. ALL DETENTION / RETENTION BASINS MUST BE FULLY CONSTRUCTED (INCLUSIVE OF ALL STRUCTURAL COMPONENTS AND LINERS) AND PERMANENTLY STABILIZED PRIOR TO PAVING OR PRIOR TO THE ADDITION OF ANY IMPERVIOUS SURFACES. PERMANENT STABILIZATION INCLUDES, BUT MAY NOT BE LIMITED TO: TOPSOIL, SEED, STRAW MULCH AND BINDERS OR EROSION CONTROL BLANKETS AS ON ALL SEEDING, ALL AGRONOMIC REQUIREMENTS AS SPECIFIED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INSTALLATION OF THE OUTFLOW CONTROL STRUCTURES AND DISCHARGE STORM DRAINAGE PIPING, LOW FLOW CHANNELS, CONDUIT OUTLET PROTECTION, EMERGENCY SPILLWAYS, AND LAP RING PROTECTION.
23. THE RIDING SURFACE OF ALL UTILITY TRENCHES WITHIN PAVED AREAS SHALL BE 3/4" CLEAN STONE OR BASE PAVEMENT UNTIL SUCH TIME AS FINAL PAVEMENT HAS BEEN INSTALLED. TEMPORARY SOIL RIDING SURFACES ARE PROHIBITED.
24. ALL CONSTRUCTION DEWATERING (TRENCHES, EXCAVATIONS, ETC.) MUST BE DONE THROUGH AN INLET OR OUTLET FILTER IN ACCORDANCE WITH THE STANDARD FOR DEWATERING OR AS DEPICTED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN. DISCHARGE LOCATIONS FOR THE DEWATERING OPERATION MUST CONTAIN PERENNIAL VEGETATION OR SIMILAR STABLE SURFACE.
25. ALL SWALES OR CHANNELS THAT WILL RECEIVE RUNOFF FROM PAVED SURFACES MUST BE PERMANENTLY STABILIZED PRIOR TO THE INSTALLATION OF PAVEMENT. IF THE SEASON PROHIBITS THE ESTABLISHMENT OF PERMANENT STABILIZATION, THE SWALES OR CHANNELS MAY BE TEMPORARILY STABILIZED IN ACCORDANCE WITH THE STANDARDS.
26. NJSA 4:24-39 ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN SATISFIED. THEREFORE, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS MUST BE COMPLETED BEFORE THE DISTRICT ISSUES A REPORT OF COMPLIANCE OR CONDITIONAL REPORT OF COMPLIANCE, WHICH MUST BE FORWARDED TO THE MUNICIPALITY PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY, RESPECTIVELY.

SEQUENCE OF CONSTRUCTION

TIME (WEEKS)	WORK DESCRIPTION
1	INSTALL PERIMETER SEDIMENT BARRIER (SILT FENCE), STABILIZED CONSTRUCTION ENTRANCE AND SOIL EROSION MEASURES INCLUDING TREE PROTECTION WHERE SHOWN ON THE PLAN.
6	PERFORM DEMOLITION OPERATIONS.
1	STRIP AND STOCKPILE TOPSOIL WITHIN LIMIT OF DISTURBANCE.
4	PERFORM EARTHWORK OPERATIONS.
2	CONSTRUCT AND PERMANENTLY STABILIZE BIORETENTION BASIN.
2	CONSTRUCT STORM SEWER SYSTEM
24	CONSTRUCT BUILDING; CONNECT UTILITIES
6	CONSTRUCT NEW PAVEMENT, CURBS AND WALKWAYS.
4	CONSTRUCT BALANCE OF SITE WORK.
2	RESTORE LAWN AREAS PER SEEDING SPECIFICATIONS. TILL SUBSOILS 6" MIN PRIOR TO PLACING 5" TOPSOIL.
1	WHEN SITE IS COMPLETELY AND PERMANENTLY STABILIZED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.
CONTINUOUS	MAINTENANCE OF ALL SOIL EROSION CONTROL MEASURES. TRACKING PADS SHALL BE TOP-DRESSED AS NEEDED TO PROVIDE A STABLE CONSTRUCTION ENTRANCE AND PROHIBIT TRACKING OF SILT AND SEDIMENT ONTO PUBLIC ROADWAYS. SILT FENCE SHALL BE CLEANED AND MAINTAINED IN AN UPRIGHT POSITION. INLET PROTECTION SHALL BE CLEANED AND MAINTAINED REGULARLY TO PROHIBIT DOWNSTREAM SILTATION WHILE MAINTAINING POSITIVE DRAINAGE.

THE ACTIVITIES LISTED ABOVE MAY OVERLAP. THE ESTIMATED CONSTRUCTION TIME FOR THIS PROJECT IS 6 MONTHS.

THE ABOVE SEQUENCE IS INTENDED FOR GUIDANCE PURPOSES ONLY, IN ORDER TO MINIMIZE DISTURBANCE AND EXPOSURE OF SITE SOILS. REFER TO MANDATORY CONSTRUCTION MILESTONES LISTED IN THE PROJECT MANUAL FOR SPECIFIC PHASING.

Civil Engineering Consultant: EEG 1633D

EDWARDS ENGINEERING GROUP
AN L2A COMPANY

12.15.25
BETH E. KENDERDINE, P.E. Date
Professional Engineer NJ. Lic. No. GE45532

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GRD 10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

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Princeton Public Schools

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372 Witherspoon St, Princeton, NJ 08542

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Drawing Name
SOIL EROSION & SEDIMENT CONTROL PLAN

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
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	12.15.25	ISSUED FOR BID

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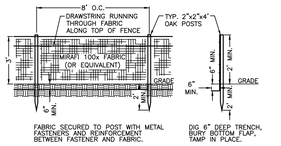

NOTES:
1. ALL SILT FENCE WILL BE INSPECTED AND REMEDIAL MAINTENANCE PERFORMED BY THE CONTRACTOR WITHIN 24 HOURS AFTER EACH RAIN.
2. SEDIMENT SHALL BE REMOVED FROM THE UPSTREAM FACE OF THE BARRIER WHEN IT HAS REACHED A DEPTH OF 1/2 THE BARRIER HEIGHT
3. REPAIR OR REPLACE BARRIER WHEN DAMAGED
4. BARRIERS SHALL BE INSPECTED DAILY FOR SIGNS OF DETERIORATION AND SEDIMENT REMOVAL

TEMPORARY SILTATION CONTROL FENCE

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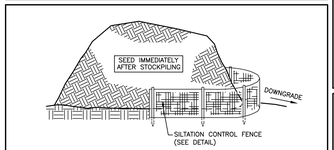

TYPICAL TOPSOIL STOCKPILE

NOT TO SCALE

CONTRACTOR IS ADVISED THAT DE-WATERING PROCEDURES ARE REQUIRED DURING CONSTRUCTION PRACTICES. ALL DE-WATERING PROCEDURES MUST INCLUDE A METHOD OF REMOVING SEDIMENT PRIOR TO DISCHARGING. SEDIMENT REMOVAL METHODS SHALL FOLLOW STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY, SECTION 14.

TEMPORARY FILTERS (SMALL IMPOUNDMENTS)

FOR SMALL QUANTITIES OF PONDED WATER SUCH AS MAY BE FOUND IN SHALLOW EXCAVATIONS (SMALL TRENCHES, MANHOLE INSTALLATIONS, ETC.) A SEDIMENT FILTER MAY BE CONSTRUCTED USING COMBINATIONS OF HAY BALES, SMALL CLEAN STONE AND FILTER FABRIC. THIS METHOD IS LIMITED TO SMALL QUANTITIES OF TRAPPED SURFACE WATER AND WHERE SEDIMENTS ARE NOT HIGHLY COLLOIDAL IN NATURE.

SEDIMENT CONTROL BAG

1. BAGS SHALL BE LOCATED FOR EASE OF CLEAN-OUT AND DISPOSAL OF THE TRAPPED SEDIMENT AND TO MINIMIZE INTERFERENCE WITH CONSTRUC-TION ACTIVITIES AND PEDESTRIAN TRAFFIC. BAGS SHALL NOT BE PLACED DIRECTLY INTO RECEIVING WATERS.
2. SEDIMENT CONTROL BAGS SHALL BE DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS. BAGS MAY NOT BE REUSED.

DEWATERING

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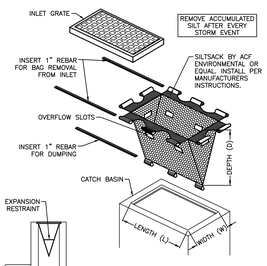

INSTALLATION DETAIL

INLET PROTECTION FOR TYPE A, C OR E INLETS

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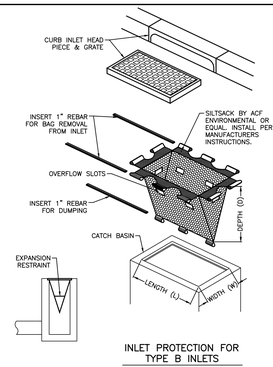

INLET PROTECTION FOR TYPE B INLETS

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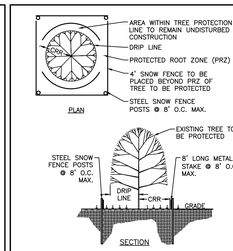

PROTECTED ROOT ZONE:
1. MEASURE THE DIAMETER OF THE TREE 4.5 FEET ABOVE GROUND ON THE UPHILL SIDE OF THE TREE (DBH), IN INCHES.
2. CALCULATE THE CRITICAL ROOT RADIUS (CRR): MULTIPLY THE MEASURED DBH BY 1.0 OR 1.5. EXPRESS THE RESULT IN FEET.

DBH x 1.0: CRR FOR YOUNGER, HEALTHY, OR TOLERANT SPECIES

DBH x 1.5: CRR FOR OLDER, UNHEALTHY, OR SENSITIVE SPECIES

NOTES:
1. TREE PROTECTION SHALL BE PROVIDED FOR ANY AND ALL TREES TO BE PRESERVED DURING AND AFTER CONSTRUCTION. THE CONTRACTOR SHALL TAKE WHATEVER ADDITIONAL MEASURES NECESSARY TO PROTECT EXISTING TREES TO REMAIN AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF MATERIALS OR EXCAVATED MATERIALS WITHIN PRZ, EXCESS FOOT OR VEHICLE TRAFFIC OR PARKING OF VEHICLES WITHIN PRZ.
2. BOARDS WILL NOT BE NAILED TO TREES DURING BUILDING OPERATIONS.
3. FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA INSIDE THE PRZ.
4. DAMAGED TRUNKS OR EXPOSED ROOTS SHOULD HAVE DAMAGED BARK REMOVED IMMEDIATELY AND NO PAINT SHALL BE APPLIED. EXPOSED ROOTS SHOULD BE COVERED WITH TOPSOIL IMMEDIATELY AFTER EXCAVATION IS COMPLETE. ROOTS SHALL BE PRUNED TO GIVE A CLEAN, SHARP SURFACE AMENABLE TO HEALING. ROOTS EXPOSED DURING HOT WEATHER SHOULD BE IRRIGATED TO PREVENT PERMANENT TREE INJURY. CARE FOR SERIOUS INJURY SHOULD BE PRESCRIBED BY A PROFESSIONAL FORESTER OR LICENSED TREE EXPERT.
5. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE AS NATURAL TARGET PRUNING TO REMOVE THE DESIRED BRANCH AS CLOSE AS POSSIBLE TO THE BRANCH COLLAR. THERE SHOULD BE NO FLUSH CUTS. NO TREE PAINT SHALL BE APPLIED. ALL CUTS SHALL BE MADE AT THE OUTSIDE EDGE OF THE BRANCH COLLAR.

EXISTING TREE PROTECTION

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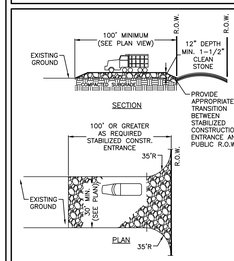
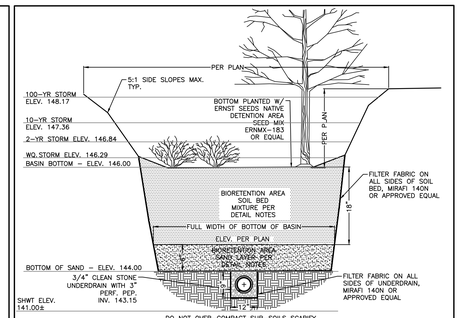


MAINTENANCE NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO ROADWAYS OR OTHER IMPERVIOUS SURFACES MUST BE REMOVED IMMEDIATELY.
2. WHERE ACCUMULATION OF DUST/SEDIMENT IS INADEQUATELY CLEANED OR REMOVED BY CONVENTIONAL METHODS, A POWER BROOM OR STREET SWEEPER WILL BE REQUIRED TO CLEAN PAVED OR IMPERVIOUS SURFACES. ALL OTHER ACCESS POINTS WHICH ARE NOT STABILIZED SHALL BE BLOCKED OFF.

VEHICLE WHEEL-CLEANING BLANKET

NOT TO SCALE

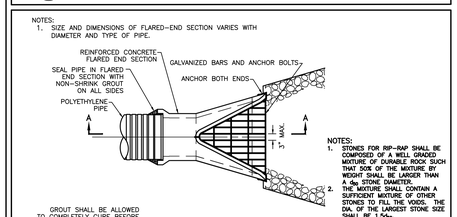


NOTES:
1. THE SOIL BED MATERIAL MUST CONSIST OF THE FOLLOWING MIX, BY WEIGHT: 85 TO 95% SAND, WITH NO MORE THAN 25% OF THE SAND AS FINE OR VERY FINE SANDS; NO MORE THAN 15% SILT AND CLAY WITH 2% TO 5% CLAY CONTENT. THE ENTIRE MIX MUST THEN BE AMENDED WITH 3 TO 7% ORGANICS, BY WEIGHT.
2. PRE-MIXED SOIL MUST BE CERTIFIED TO BE CONSISTENT WITH THE REQUIREMENT ABOVE BY EITHER THE VENDOR OR BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF NEW JERSEY. THE CONTENT OF ANY SOIL MIXED ON-SITE MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF NEW JERSEY; IN ADDITION, THE ENGINEER MUST BE PRESENT WHILE THE SOIL IS MIXED.
3. THE PH OF THE SOIL BED MATERIAL MUST RANGE FROM 5.5 TO 6.5.
4. THE SOIL BED MATERIAL MUST BE PLACED IN LIFTS NOT TO EXCEED 8 INCHES. ADDITIONAL MATERIALS MAY BE NECESSARY TO ACCOUNT FOR SETTLING OVER TIME.
5. THE SAND LAYER, WHICH ACTS AS A TRANSITION BETWEEN THE SOIL BED AND THE SUBSEQUENT LAYERS, MUST BE AT LEAST 6 INCHES IN DEPTH AND MUST CONSIST OF CLEAN, MEDIUM-AGGREGATE CONCRETE SAND (AASHTO M-6/ASTM C-33), TO ENSURE PROPER SYSTEM OPERATION, THE PERMEABILITY RATE OF THE SAND LAYER MUST BE AT LEAST TWICE THE DESIGN PERMEABILITY RATE OF THE SOIL BED.

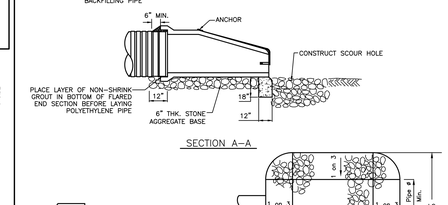
BIORETENTION AREA SECTION

NOT TO SCALE

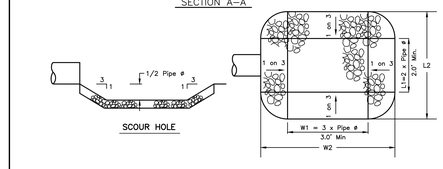
NOTES:
1. SIZE AND DIMENSIONS OF FLARED-END SECTION VARIES WITH DIAMETER AND TYPE OF PIPE.



NOTES:
1. **STONES FOR RIP-RAP SHALL BE COMPOSED OF A WELL GRADED MIXTURE OF DURABLE ROCK SUCH THAT 50% OF THE MIXTURE BY WEIGHT SHALL BE LARGER THAN A d_{50} STONE DIAMETER. THE MIXTURE SHALL CONTAIN A SUFFICIENT MIXTURE OF OTHER STONES TO FILL THE VOIDS. THE DIA. OF THE LARGEST STONE SIZE SHALL BE 1.5d_{50}.**
2.



SECTION A-A



CONCRETE FLARED END SECTION W/ SCOUR HOLE

NOT TO SCALE

SCOUR HOLE	D	W1	W2	L1	L2	d50	THK
15" FES	0.75'	3.75'	8.25'	2.5'	7.0'	8"	24"

TOPSOILING NOTES
1. MATERIALS
   A. TOPSOIL SHOULD BE FRIABLE, LOAMY, FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE OR ADVERSE CHEMICAL OR PHYSICAL CONDITION THAT MAY BE HARMFUL TO PLANT GROWTH. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIMHOS PER CENTIMETER, MORE THAN 0.5 MILLIMHOS MAY DESIGCATE SEEDLINGS AND ADVERSELY IMPACT GROWTH). IMPORTED TOPSOIL SHALL HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.75 PERCENT. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.
   B. TOPSOIL SUBSTITUTE IS A SOIL MATERIAL WHICH MAY HAVE BEEN AMENDED WITH SAND, SILT, CLAY, ORGANIC MATTER, FERTILIZER OR LIME AND HAS THE APPEARANCE OF TOPSOIL. TOPSOIL SUBSTITUTES MAY BE UTILIZED ON SITES WITH INSUFFICIENT TOPSOIL FOR ESTABLISHING PERMANENT VEGETATION. ALL TOPSOIL SUBSTITUTE MATERIALS SHALL MEET THE REQUIREMENTS OF TOPSOIL NOTED ABOVE. SOIL TESTS SHALL BE PERFORMED TO DETERMINE THE COMPONENTS OF SAND, SILT, CLAY, ORGANIC MATTER, SOLUBLE SALTS AND PH LEVEL.
2. STRIPPING & STOCKPILING
   A. FIELD EXPLORATION SHOULD BE MADE TO DETERMINE WHETHER QUANTITY AND OR QUALITY OF SURFACE SOIL JUSTIFIES STRIPPING.
   B. STRIPPING SHALL BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA.
   C. WHERE FEASIBLE, LIME MAY BE APPLIED BEFORE STRIPPING AT A RATE DETERMINED BY SOIL TESTS TO BRING THE SOIL pH TO APPROXIMATELY 6.5.
   D. A 4-6 INCH STRIPPING DEPTH IS COMMON, BUT MAY VARY DEPENDING ON THE PARTICULAR SOIL.
   E. STOCKPILES OF TOPSOIL SHOULD BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL DAMAGE.
   F. STOCKPILES SHOULD BE VEGETATED IN ACCORDANCE WITH THE STANDARDS FOR PERMANENT OR TEMPORARY VEGETATIVE COVER FOR SOIL STABLIZATION. WEEDS SHOULD NOT BE ALLOWED TO GROW ON STOCKPILES.
3. SITE PREPARATION
   A. GRADE AT THE ONSET OF THE OPTIMAL SEEDING PERIOD SO AS TO MINIMIZE THE DURATION AND AREA OF EXPOSURE OF DISTURBED SOIL TO EROSION. IMMEDIATELY PROCEED TO ESTABLISH VEGETATIVE COVER IN ACCORDANCE WITH THE SPECIFIED SEED MIXTURE.
   B. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE IF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND ANCHORING, AND MAINTENANCE.
   C. SUBSOIL SHOULD BE TESTED FOR LIME REQUIREMENT. LIMESTONE, IF NEEDED, SHOULD BE APPLIED TO BRING SOIL TO A pH OF APPROXIMATELY 6.5 AND INCORPORATED INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES.
   D. PRIOR TO TOPSOILING, THE SUBSOIL SHALL BE IN COMPLIANCE WITH THE STANDARD FOR LAND GRADING.
   E. EMPLOY NEEDED EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABLIZATION MEASURES, SEDIMENTATION BASINS, AND WATERWAYS.
4. APPLYING TOPSOIL
   A. HANDLE TOPSOIL ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE.
   B. APPLY A UNIFORM AVERAGE DEPTH OF 5 INCHES, MINIMUM 4 INCHES, FIRMED IN PLACE. HIGH ACID PRODUCING SOILS: SOILS HAVING A pH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A pH OF 5 OR MORE BEFORE INITIATING SEEDBED PREPARATION.
   C. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PERMANENT VEGETATIVE COVER BECOMES ESTABLISHED ON AT LEAST 80% OF THE SOILS TO BE STABILIZED WITH VEGETATION.

AREA OF DISTURBANCE: 1.72 AC

SOIL TYPES:
UdbB: UDORTHENTS, BEDROCK SUBSTRATUM, 0 TO 8 PERCENT SLOPES
RefA: READINGTON AND ABBOTTSTOWN SILT LOAMS, 0 TO 2 PERCENT SLOPES
QukB: QUAKERTOWN SILT LOAM, 2 TO 6 PERCENT SLOPES

STABILIZATION SPECIFICATIONS
1. SEEDBED PREPARATION: UNIFORMLY APPLY GROUND LIMESTONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED, ACCORDING TO SOIL TEST RECOMMENDATIONS, SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS COOPERATIVE EXTENSION OFFICES (HTTP://NJAES.RUTGERS.EDU/COUNTY).
2. WORK FERTILIZER AND LIME AND LIME INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES.
3. TEMPORARY SEEDING AND MULCHING
   LIME – AS RECOMMENDED BY SOIL TESTING.
   FERTILIZER – 500 LBS PER ACRE OF 10-20-10 OR EQUAL, WITH 50% WATER INSOLUBLE NITROGEN, UNLESS SOIL TESTING INDICATES OTHERWISE.
   SEED – SPRING OATS AT 86 LBS PER ACRE (2 LBS PER 1,000 SQ.FT.)
   PLANTING DATES: FEBRUARY 15 THRU MAY 1
   AUGUST 15 THRU OCTOBER 15
   MULCH – SALT HAY OR SMALL GRAIN STRAW AT 70-90 LBS PER 1,000 SQ.FT.
   BINDER – LIQUID SYNTHETIC OR ORGANIC SUCH AS CURASOL DCA 70, PETRO SET, OR TERRA TACK AT RATES ESTABLISHED BY THE MANUFACTURER TO BIND THE MULCH BLANKET.
4. PERMANENT SEEDING – LAWN AREAS
   ESTABLISHING PERMANENT VEGETATION MEANS 80% VEGETATIVE COVERAGE WITH THE SPECIFIED MIXTURE FOR THE SEEDED AREA AND MOWED ONCE
   LIME – AS RECOMMENDED BY SOIL TESTING.
   FERTILIZER – 500 LBS PER ACRE 10-10-10 OR EQUAL, WITH 50% WATER INSOLUBLE NITROGEN, UNLESS SOIL TESTING INDICATES OTHERWISE.
   SEED – HARD FESCUE AND/OR CHEWING FESCUE AND/OR STRONG CREEPING RED FESCUE AT 175 LBS/ACRE
   PERENNIAL RYEGRASS AT 45 LBS/ACRE
   KENTUCKY BLUEGRASS (BLEND) AT 45 LBS/ACRE
   PLANTING DATES: FEBRUARY 1 THRU APRIL 30
   AUGUST 15 THRU OCTOBER 30 (OPTIMUM).
   MULCH – SALT HAY OR SMALL GRAIN STRAW AT 70-90 LBS PER 1,000 SQ.FT.
   BINDER – LIQUID SYNTHETIC OR ORGANIC SUCH AS CURASOL DCA 70, PETRO SET, OR TERRA TACK AT RATES ESTABLISHED BY THE MANUFACTURER TO BIND THE MULCH BLANKET.
5. STABILIZATION WITH MULCH ONLY
   MULCH – UNROTTED SMALL-GRAIN STRAW, OR SALT HAY AT 2.0 TO 2.5 TONS PER ACRE, SPREAD UNIFORMLY AT 90 TO 115 LBS PER 1,000 SQUARE FEET, ANCHORED WITH LIQUID MULCH BINDERS.
   BINDER – LIQUID SYNTHETIC OR ORGANIC SUCH AS CURASOL DCA 70, PETRO SET, OR TERRA TACK AT RATES ESTABLISHED BY THE MANUFACTURER TO BIND THE MULCH BLANKET. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH, IN VALLEYS, AND AT CRESTS OF BANKD. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.

IMMEDIATELY PRIOR TO SEEDING, SURFACE SHALL BE SCARIFIED 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. (ONLY APPLICABLE WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES.)

HIGH ACID PRODUCING SOILS: SOILS HAVING A pH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A pH OF 5 OR MORE BEFORE INITIATING SEEDBED PREPARATION.
THE OWNER IS RESPONSIBLE FOR LONG-TERM MAINTENANCE OF PERMANENT EROSION & SEDIMENT CONTROL MEASURES.

DUST CONTROL NOTES:
ANY OF THE FOLLOWING METHODS SHALL BE USED FOR DUST CONTROL:
1. MULCHES: SEE STABILIZATION SPECIFICATIONS.
2. TILLAGE: TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED APPROXIMATELY 12" APART AND SPRING-TOOTHED HARROWS ARE EXMAPLED OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
3. SPRINKLING: THE SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET.
4. BARRIERS: BALES OF HAY AND/OR SILT STOP FENCES CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

SOIL EROSION & SEDIMENT CONTROL NOTES:
1. SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE LAND DISTURBANCE. OR ANY DEMOLITION WORK THAT WILL CAUSE EXCAVATION INTO THE SUBGRADE SOILS.

RESTORATION NOTES:
1. VEGETATED AREAS ADJACENT TO CONSTRUCTION SHALL BE RESTORED AS LAWN AND ADDITIONAL SCREENED TOPSOIL SHALL BE CONSTRUCTED AS NEEDED TO MEET NEW SURFACES FLUSH. FINISH THE TOPSOIL WITH A SURFACE GRADE OF AT LEAST 1.5 PERCENT WHENEVER POSSIBLE, TO MAINTAIN POSITIVE OVERLAND DRAINAGE.
2. RE-GRADE AREAS ALONGSIDE NEW PAVEMENT, CURBING, AND SIDEWALKS TO MEET SURFACES FLUSH. IN NO CASE SHALL TOPSOIL BE MORE THAN 1/2 INCH BELOW THE ADJACENT PAVEMENT SURFACE.

SOIL RESTORATION, DE-COMPACTION, AND TESTING REQUIREMENTS:
THE PROJECT SITE IS LOCATED WITHIN A METROPOLITAN PLANNING AREA ACCORDING TO THE STATE PLAN POLICY MAP. THE EXISTING SITE IS NOT COVERED IN WOODY VEGETATION, THEREFORE THIS SITE IS EXCLUDED FROM SOIL RESTORATION REMEDIATION REQUIREMENTS.

NJDCA Electronic Release Stamp

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10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By

Scale

Drawing Name
SOIL EROSION & SEDIMENT CONTROL DETAILS

Revisions

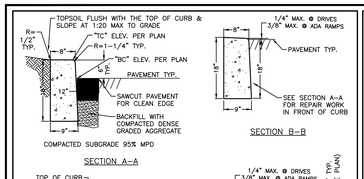
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

Drawing Number
C-7.1

Civil Engineering Consultant: EEG 1633D

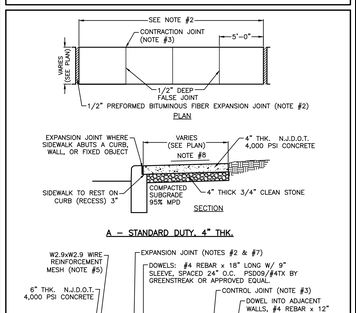
EDWARDS ENGINEERING GROUP
AN L2A COMPANY

12.15.25
BETH E. KENDERDINE, P.E. Date
Professional Engineer NJ. Lic. No. GE45532



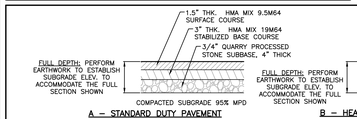
NOTES:
1. CONCRETE TO BE N.J.DOT. 4000 PSI, AIR-ENTRAINED
2. CURB FACE (REVEAL) TO BE 6 INCHES OR PER SPOT ELEVATIONS ON THE GRADING PLAN.
3. PROVIDE PREFORMED BITUMINOUS FIBER EXPANSION JOINTS, 1/2" THICK @ 20 FT. MAX. INTERVAL.
4. ALL DEPRESSED CURBS AT ADA RAMPS MUST BE FLUSH (MAX 3/8" LIP). PAINT CURB @ ADA RAMPS BLUE. (SEE NOTE #5 FOR BASIS OF DESIGN PAINT PRODUCT – COLOR BLUE)
5. PAINT CURB YELLOW TO DESIGNATE NO PARKING ZONES. ALL NEW CURBING THAT IS REPLACING EXISTING CURB THAT WAS PAINTED YELLOW TO DELINEATE "NO PARKING AREAS" MUST ALSO BE PAINTED YELLOW "IN-KIND." BASIS OF DESIGN PRODUCT IS RUSTOLEUM SYSTEM 2300 TRAFFIC MARKING PAINT OR APPROVED EQUAL.

1 CONCRETE CURB
NOT TO SCALE



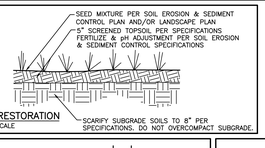
NOTES:
1. PORTLAND CEMENT CONCRETE TO BE NJ DOT, 4,000 PSI, AIR ENTRAINED
2. PROVIDE PREFORMED BITUMINOUS FIBER EXPANSION JOINTS, 1/2" THICK ALONG ALL BUILDING WALLS AND OTHER RIGID SURFACES. THE MAXIMUM SPACING OF EXPANSION JOINTS SHALL BE AS FOLLOWS:
   4" THICK SLAB: 16 FT.
   6" THICK SLAB: 24 FT.
3. CONTROL JOINTS SHALL BE TOOLED TO A DEPTH = 25% OF THE SLAB THICKNESS. CONTROL JOINTS MAY BE SAWCUT WITH AN EARLY ENTRY DRY CUT SAW. SAWCUT LINES SHALL CLEAN AND UNCHIPPED. THE MAXIMUM SPACING SHALL BE AS FOLLOWS:
   4" THICK SLAB: 8 FT.
   6" THICK SLAB: 12 FT.
4. PROVIDE A SLIP RESISTANT FINISH FOR ALL BARRIER FREE ACCESSIBLE ROUTES.
5. STEEL REINFORCEMENT, WHEN SPECIFIED, SHALL BE EPOXY COATED AND PLACED AT THE BOTTOM 1/3 OF SLAB DEPTH. 6" THICK SLAB: 2 INCHES
6. ALL CONSTRUCTION SHALL BE ON COMPACTED SUBGRADE PER SPECIFICATIONS.
7. ALL JOINTS SHALL BE SEALED WITH EXTERIOR GRADE CONCRETE JOINT SEALER, SUCH AS "CONTRACTORS CONCRETE SEALANT" BY DOW CORNING. SUBSTITUTIONS ARE PERMITTED PROVIDED THAT EQUIVALENCE IS DEMONSTRATED AND COLOR MATCHES ARE COMPARABLE. ALL JOINT SEALANT SHALL BE INSTALLED IN A PROFESSIONAL AND "WORKMANLIKE" MANNER, TRUE TO LINE AND SHALL NOT WAVER NOTICEABLY ALONG JOINTS.
8. MAXIMUM CROSS SLOPE FOR SIDEWALKS IS 2%. SEE GRADING PLAN FOR SLOPES IN PLAZAS AND ALL PAVEMENT AREAS.
9. MAX. RUNNING SLOPE ALONG ANY SIDEWALK OR PLAZA IS 5 PERCENT.
10. CONCRETE SHALL BE DOWELED TO ADJACENT BUILDING FOUNDATION USING #4 GRADE 60 REBARS, MIN. 12" LONG. USE SPEED DOWEL BY GREENSTREAK, OR EQUAL PLACED AT 18" O.C. PROVIDE EXPANSION SLEEVE FOR EACH DOWEL.

2 CONCRETE PAVEMENT
NOT TO SCALE

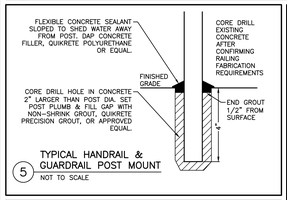


NOTES:
1. ALL BITUMINOUS PAVEMENT SHALL BE HOT MIX ASPHALT, PER NJ DOT SPECIFICATIONS.
2. IN ALL AREAS WHERE FULL DEPTH PAVEMENT & SUBBASE CONSTRUCTION IS PROPOSED, DEMOLISH EXISTING SURFACES AND EXCAVATE TO REQUIRED SUBGRADE ELEVATIONS BASED UPON GRADES SHOWN ON THE GRADING PLAN.
3. DISPOSE OF ALL WASTE MATERIALS AND EXCESS SOILS IN A LEGAL MANNER OFF SITE.
4. PROVIDE A TACK COAT BETWEEN PAVEMENT COURSES.

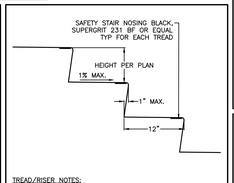
3 BITUMINOUS PAVEMENT (HOT MIX ASPHALT)
NOT TO SCALE



4 LAWN RESTORATION
NOT TO SCALE

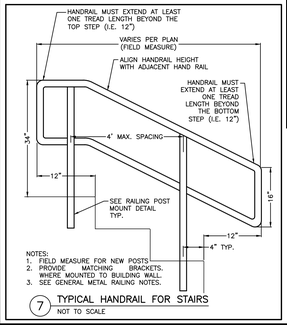


5 TYPICAL HANDRAIL & GUARDRAIL POST MOUNT
NOT TO SCALE



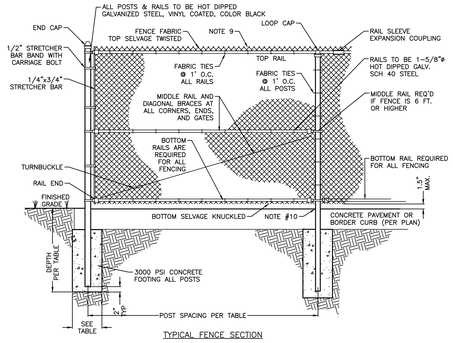
TREAD/RISER NOTES:
1.) THE GREATEST RISER HEIGHT WITHIN A FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".
2.) THE GREATEST TREAD DEPTH WITHIN A SET OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".
3.) MINIMUM TREAD DEPTH = 11"
   MINIMUM RISER HEIGHT = 4"
   MAXIMUM RISER HEIGHT = 7"
4.) APPLY A UNIFORM COATING OF CLEAR URETHANE TO ALL SURFACES OF THE STAIR NOSING THAT WILL CONTACT THE CONCRETE STAIR. ALLOW TO SET.
5.) MAXIMUM SLOPE OF TREAD = 1% TOWARD NOSE. MAXIMUM CROSS SLOPE OF STAIRS = 2%

6 TYPICAL STAIR TREADS & RISERS
NOT TO SCALE

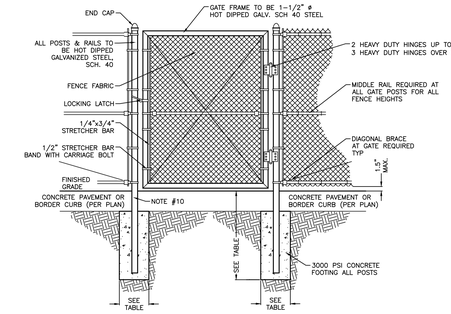


NOTES:
1. FIELD MEASURE FOR NEW POSTS
2. PROVIDE MATCHING BRACKETS. WHERE MOUNTED TO BUILDING WALL.
3. SEE GENERAL METAL RAILING NOTES.

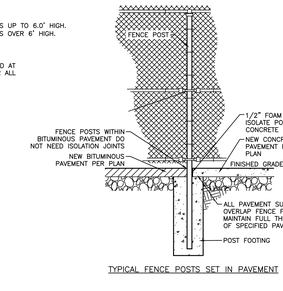
7 TYPICAL HANDRAIL FOR STAIRS
NOT TO SCALE



TYPICAL FENCE SECTION



TYPICAL FENCE GATE SECTION



TYPICAL FENCE POSTS SET IN PAVEMENT

GENERAL NOTES
1. FENCE FABRIC (MESH) TO BLACK, VINYL COATED NO. 9 GALVANIZED STEEL WIRE. FABRIC TO FACE PLAYING FIELD. MESH OPENING SIZE IS 1.75".
2. POST SIZES, STRENGTH, AND SPACING TO BE PER TABLE.
3. ALL FENCE POSTS SHALL BE GALVANIZED STEEL, VINYL COATED, COLOR BLACK. MATERIAL STRENGTH PER TABLE.
4. FENCE OVER 5' HIGH: MIDDLE RAIL IS REQUIRED ON ALL SECTIONS.
5. ALL FENCING & GATES SHALL HAVE BOTTOM RAILS.
6. GATE WIDTHS SHOWN ON THE PLAN ARE CLEAR OPENINGS. ALL GATES SHALL HAVE LOCKING HARDWARE.
7. ALL DOUBLE GATES SHALL HAVE A CANE BOLT STOP WITH MALLEABLE STEEL CENTER STOP (MUSHROOM), BY SIGNET FENCE OR APPROVED EQUAL.
8. THE MAXIMUM GAP BETWEEN THE GROUND AND BOTTOM OF FENCE IS ONE AND ONE HALF (1.5) INCHES.
9. SEE DETAIL #6 FOR SAFETY RAIL CAP TO BE INSTALLED ON 4 FT. HIGH FENCING ALONG THE PERIMETER.
10. PLAN THE LOCATION OF FENCE POSTS TO AVOID UNDERGROUND UTILITIES AND CONDUITS.
11. GATE HEIGHTS SHALL MATCH THE FENCE THEY ADJOIN.

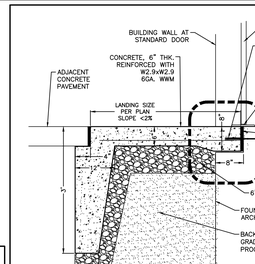
FENCE POST TABLE:

FENCE	STEEL POST MATERIAL	POST SIZE (IN.)	MAX. POST SPACING (FT.)	MIN. POST DEPTH (FT.)	MIN. FOOTING DIAMETER (FT.)
6 FEET	ASTM F1083 (50 KSI)	3	10	4	2.5
8 FEET	ASTM F1083 (50KSI)	3	8	5	3.0

END & CORNER POSTS TO BE ONE SIZE LARGER THAN SHOWN FOR LINE POSTS.

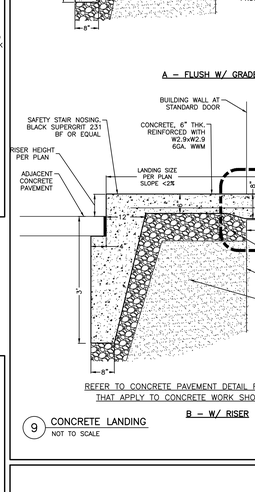
(CW) = FENCE INSTALLED IN CURB WALL SHALL HAVE FOOTING EXTENDED THROUGH THE WALL TO THE DEPTH SHOWN. SEE DETAIL

8 CHAIN LINK FENCE
NOT TO SCALE

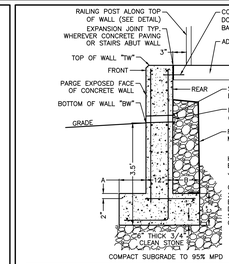


REFER TO CONCRETE PAVEMENT DETAIL FOR STANDARD NOTES THAT APPLY TO CONCRETE WORK SHOWN IN THIS DETAIL

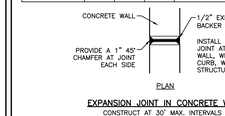
9 CONCRETE LANDING
NOT TO SCALE



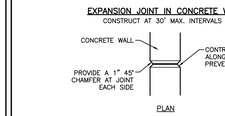
10 TYPICAL CONCRETE STAIRS W/ CHEEKWALLS
NOT TO SCALE



WALL HEIGHT	DIM "A"	DIM "B"	DIM "C"	STEM REINFORCEMENT	FOOTING REINF.
UP TO 4'-0"	1'-2"	1'-3"	1'-3"	VERTICAL BACK: #6 BARS @ 18" O.C. FRONT: #4 BARS @ 36" O.C. (REQUIRED TO SUPPORT HORIZONTAL BARS) HORIZONTAL #5 BARS @ 24" O.C. FRONT & REAR	TOE: #6 BARS @ 18" O.C. HEEL: #6 BARS @ 18" O.C. HORIZONTAL: #6 BARS @ 16" O.C. (ONE LAYER ONLY)



EXPANSION JOINT IN CONCRETE WALL



CONTROL JOINT IN CONCRETE WALL

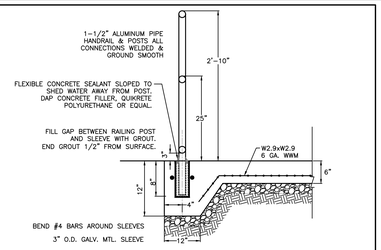
MIDWAY BETWEEN EXPANSION JOINTS

SEAL EXPANSION & CONTROL JOINTS WITH BACKER BEAD & NON-SAG CAULK, POURTHANE, BY WR MEADOWS OR EQUAL. COLOR TO MATCH CONCRETE/MORTAR COLOR.

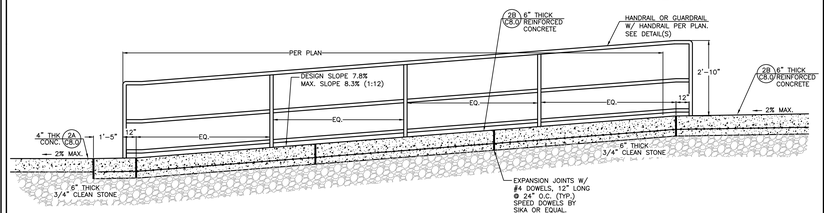
CAST-IN-PLACE CONCRETE NOTES:
1. ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI—318) LATEST EDITION, AND THE SPECIFICATIONS. ALL CONCRETE WORK SHALL ALSO COMPLY WITH THE LATEST EDITIONS OF THE FOLLOWING ACI PUBLICATIONS: ACI—301, ACI—302, ACI—304, ACI—305, ACI—308, ACI—309, ACI—315, ACI—347, ACI—211.1
2. MATERIALS SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:
   CEMENT, TYPE 1: C153
   AGGREGATES: C33
   REINFORCEMENT: A615
   ADMIXTURES (EXCEPT AIR): C494
   CURING & HARDENING COMPOUND: C309
   READY MIX CONCRETE: C94
   WELDED WIRE FABRIC: A185
3. THE COMPRESSIVE STRENGTH OF THE CONCRETE FOR EACH PORTION OF THE STRUCTURE SHALL BE AS DESIGNATED BELOW.
   (1) NOMINAL WEIGHT CONCRETE
   (2) STRENGTH: 4,000 PSI AT 28 DAYS
   (3) AIR CONTENT: 4.5% TO 7.5%
   (4) SLUMP: 1" TO 3"
   (5) ADMIXTURES: WATER REDUCING AGENT (EUCON WR—75)
   (6) W/C RATIO: 0.45 MAXIMUM BY WEIGHT, MINIMUM 5.5 CEMENT BAGS PER CUBIC YARD.
4. A DESIGN MIX SHALL BE PROPORTIONED IN ACCORDANCE WITH SECTION 5.3 (FIELD EXPERIENCE AND/OR TRIAL MIXTURES) OF ACI—318. DESIGN MIX(ES) SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENCED IN THE STATE OF NEW JERSEY AND SUBMITTED FOR THE ENGINEER'S REVIEW PRIOR TO PLACING ANY CONCRETE.
5. CONCRETE SHALL BE PLACED AS NEARLY AS PRACTICABLE IN ITS FINAL POSITION AND CONSOLIDATED BY RODDING, SPADING OR INTERNAL TYPE OF MECHANICAL VIBRATORS. MECHANICAL VIBRATORS SHALL NOT BE USED TO MOVE CONCRETE LATERALLY.
6. ALL INSERTS, ANCHOR BOLTS, SLEEVES ETC. SHALL BE SET IN PLACE PRIOR TO PLACING CONCRETE.
7. ALL GROUT SHALL BE NON-SHRINK GROUT BY EUCLID CHEMICAL COMPANY OR EQUAL.
8. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND SHALL CONFORM TO ASTM A615, GRADE 60.
9. REINFORCING STEEL, INCLUDING HOOKS AND BENDS, SHALL BE DETAILED IN ACCORDANCE WITH ACI 315. ALL REINFORCING STEEL MARKED CONTINUOUS (CONT.) ON THE PLANS AND DETAILS SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES UNLESS OTHERWISE NOTED.
10. UNLESS OTHERWISE NOTED, MINIMUM 2" CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT PER SECTION 7.7 OF ACI 318.
11. CONCRETE TESTING SHALL BE MADE BY AN INDEPENDENT LABORATORY ENGAGED BY AND PAID FOR BY THE CONTRACTOR. A SET OF FOUR (4) CYLINDERS TEST AT 7 DAYS (2) AND 28 DAYS (2) IN ACCORDANCE WITH ASTM C39 SHALL BE DOCUMENTED FOR EACH DAYS POUR. SUBMIT RESULTS IN A REPORT FORM FOR THE OWNERS REVIEW.
12. SEAL EXPANSION & CONTROL JOINTS WITH BACKER BEAD & NON-SAG CAULK, POURTHANE, BY WR MEADOWS OR EQUAL. COLOR TO MATCH CONCRETE/MORTAR COLOR.
13. EXPANSION JOINTS SHALL BE CONSTRUCTED AT 30' MAX. INTERVALS, WITH CONTROL JOINTS MIDWAY BETWEEN.
14. INSTALL SLIP DOWELS, SPEED DOWEL BY GREENSTREAK PRODUCTS OR APPROVED EQUAL, WHERE NEW CONCRETE PAVEMENT ABUTS WALL.

11 CONCRETE WALL
NOT TO SCALE

GENERAL METAL RAILING NOTES:
1. INSERT SLEEVES OR CORE DRILL INTO THE CONCRETE TO INSTALL THE NEW RAILINGS.
2. DO NOT FABRICATE RAILINGS UNTIL WALKING SURFACES HAVE BEEN SURVEYED, MEASURED, AND DETERMINED TO BE IN CONFORMANCE WITH THESE PLANS AND APPLICABLE CODES.
3. TYPICAL POSTS & TOP RAILS SHALL BE ALUMINUM STRUCTURAL TUBING. ALUMINUM RAILING COMPONENTS SUCH AS STRUCTURAL TUBE, PIPE, AND BAR SHALL BE IN ACCORDANCE WITH ASTM B221 OR ASTM B429, ALLOY 6061-T6. THE ALUMINUM RAILING SHALL BE CLEAR ANODIZED COATED FINISH UNLESS NOTED OTHERWISE.
4. ALUMINUM RAILING COMPONENTS SUCH AS STRUCTURAL TUBE, PIPE, AND BAR SHALL BE IN ACCORDANCE WITH ASTM B221 OR ASTM B429, ALLOY 6061-T6. THE ALUMINUM RAILING SHALL BE CLEAR ANODIZED COATED FINISH UNLESS NOTED OTHERWISE.
5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE (ALUMINUM) ANSI/AWS D1.2 (CURRENT EDITION). ALL FIXED JOINTS SHALL BE WELDED ALL AROUND AND GROUND SMOOTH.
6. POSTS & BALUSTERS SHALL BE FABRICATED AND INSTALLED PLUMB.
7. SHOP DRAWINGS FOR RAILINGS, DETAILING SPECIFIC SITE GEOMETRY, SHALL BE SUBMITTED.
8. REFER TO CONSTRUCTION NOTES ON DRAWINGS FOR ADDITIONAL REQUIREMENTS.
9. PROVIDE EXPANSION JOINTS EVERY 20 FEET ALONG CONTINUOUS RAILING.
10. TYPICAL POSTS & CROSS RAILS SHALL BE 1.5" DIAMETER ALUMINUM STRUCTURAL TUBING.
11. ALUMINUM RAILING COMPONENTS SUCH AS STRUCTURAL TUBE, PIPE, AND BAR SHALL BE IN ACCORDANCE WITH ASTM B221 OR ASTM B429, ALLOY 6061-T6. THE ALUMINUM RAILING SHALL BE CLEAR ANODIZED FINISH UNLESS NOTED OTHERWISE.
12. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE (ALUMINUM) ANSI/AWS D1.2 (CURRENT EDITION). ALL FIXED JOINTS SHALL BE WELDED ALL AROUND AND GROUND SMOOTH.
13. POSTS SHALL BE FABRICATED AND INSTALLED PLUMB.
14. REFER TO CONSTRUCTION NOTES ON DRAWINGS FOR ADDITIONAL REQUIREMENTS.



HANDRAIL
NOT TO SCALE



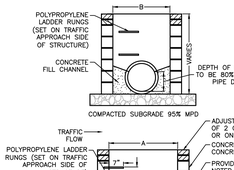
GENERAL EXTERIOR RAMP CONSTRUCTION NOTES:
1. ALL STEEL REINFORCEMENT SHALL BE GRADE 60 EPOXY COATED, ASTM A615.
2. ALL CONSTRUCTION SHALL CONFORM TO ACI—318, LATEST REVISION, 4,000 PSI, AIR ENTRAINED PORTLAND CEMENT CONCRETE.
3. ALL CONCRETE SHALL BE SEALED IMMEDIATELY AFTER FINISHING WITH ASTM C309, TYPE 1, CLASS A COMPLIANT SEALER.
4. ALL EXPANSION AND CONTROL JOINTS SHALL BE SEALED WITH AN EXTERIOR GRADE NON—SAG SEALANT, SikaFlex—2c NS/SL OR EQUAL. SEALANT SHALL BE FLUSH WITH THE SURFACE OR FLUSH WITH THE INTERIOR EDGE OF A CHAMFER AS APPLICABLE.
5. THE MINIMUM COVER FOR ALL REBAR IS TWO (2) INCHES FROM ANY SURFACE AND AS NOTED ON THE PLANS.
6. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. FURNISH COMPRESSIVE STRENGTH TESTS TO THE ENGINEER AT 7 DAY AND 28 DAY MILESTONES TO DEMONSTRATE DESIGN COMPRESSIVE STRENGTH HAS BEEN ACHIEVED.
8. INSERT SLEEVES, OR CORE DRILL INTO THE RAMP TO INSTALL THE NEW HANDRAILS.
9. DO NOT FABRICATE HAND RAILS UNTIL THE RAMP HAVE BEEN SURVEYED, MEASURED, AND DETERMINED TO BE IN CONFORMANCE WITH THESE PLANS AND APPLICABLE CODES.
10. SHOP DRAWINGS FOR THE NEW RAMP AND HANDRAILS, DETAILING SPECIFIC SITE GEOMETRY, INCLUDING POST & EXPANSION JOINT LOCATIONS SHALL BE SUBMITTED.
11. RAMPS THAT EXCEED THE ALLOWABLE TOLERANCES NOTED IN THIS DETAIL WILL BE DEMOLISHED AND REPLACED AT THE CONTRACTOR'S EXPENSE. THE OWNER WILL NOT ACCEPT PATCHED AND RETROFITTED STAIRS. ALL CONSTRUCTION SHALL BE NEW AND FINISHED TO WORKMANLIKE STANDARDS.
12. RAMPS SHALL COMPLY WITH ICC A117.1 2017.

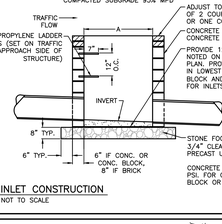
12 RAMP DETAILS
NOT TO SCALE

GENERAL METAL RAILING NOTES:
1. INSERT SLEEVES OR CORE DRILL INTO THE CONCRETE TO INSTALL THE NEW RAILINGS.
2. DO NOT FABRICATE RAILINGS UNTIL WALKING SURFACES HAVE BEEN SURVEYED, MEASURED, AND DETERMINED TO BE IN CONFORMANCE WITH THESE PLANS AND APPLICABLE CODES.
3. TYPICAL POSTS & TOP RAILS SHALL BE ALUMINUM STRUCTURAL TUBING. ALUMINUM RAILING COMPONENTS SUCH AS STRUCTURAL TUBE, PIPE, AND BAR SHALL BE IN ACCORDANCE WITH ASTM B221 OR ASTM

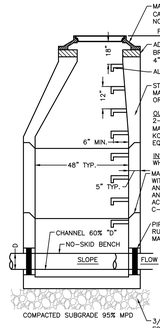
GENERAL NOTES:
1. FOOTING TO BE NJDOT CLASS 'C' CONCRETE, 3000 PSI. FOR PRECAST INLETS USE 6" OF 3/4" CLEAN STONE.
2. CONCRETE CHANNELS (INVERTS) TO BE NJDOT CLASS 'C' CONCRETE, 3000 PSI.
3. IF WALL CONSTRUCTION IS OTHER THAN CONCRETE, THEN THE WALLS SHALL BE PLASTERED INSIDE & OUT WITH A 1/2" THICK CEMENT PLASTER.
4. PROVIDE POLYPROPYLENE LADDER RUNGS AT 12" O.C. MAXIMUM.
5. ALL PRECAST STRUCTURES SHALL RECEIVE BITUMASTIC TAR COAT OUTSIDE ONLY.
6. CASTINGS SHALL BE CAMPBELL CASTING CO. OR AN APPROVED EQUAL. ALL CASTINGS SHALL HAVE BICYCLE SAFE GRATES.
7. PERFORM TEST PITS TO DETERMINE THE ALIGNMENT OF ALL EXISTING PIPES THAT CONNECT TO EACH INLET BEING CONSTRUCTED OR RE-CONSTRUCTED. INLETS BUILT IN PLACE MUST ALSO ACCOMMODATE EXISTING PIPES.
8. INSTALL FERNCO COUPLERS & PVC PIPE SECTIONS TO EXISTING DRAINAGE PIPES AS NEEDED TO EXTEND THE PIPES INTO EACH NEW INLET.
9. ALL INLETS SHALL CONFORM TO NJ DOT SPECIFICATIONS AND DETAILS. INLETS WITH A NJ DOT DESIGNATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH NJ DOT STANDARD DETAILS AS REFERENCED BELOW
10. ALL STRUCTURES AND CASTINGS SHALL BE RATED FOR H-20 LOADING.

TYPE	NJ DOT SHEET#	A	B	CASTING (CAMPBELL)
GENERAL DETAILS	CD-602-1			
NJ DOT TYPE E	CD-602-4	48"	45"	3425
NJ DOT TYPE B	CD-602-2	48"	42"	NO. 2618-B WITH TYPE J CURB (HEAD) "DUMPS NO WASTE- DRAINS TO STREAM" CAST INTO IRON.
AREA DRAIN		24"	24"	3193-1400 ADA
TRENCH		VARIES	24"	4529





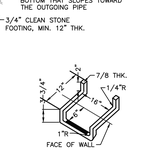
1 INLET CONSTRUCTION
NOT TO SCALE



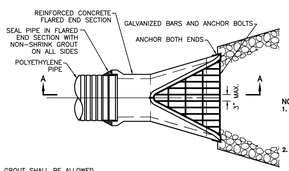
2 PRECAST MANHOLE–STORM SEWER
NOT TO SCALE

ALUMINUM LADDER RUNG:
PORTION EMBEDDED IN MASONRY TO BE COATED WITH TAR PITCH VARNISH OR EQUAL.

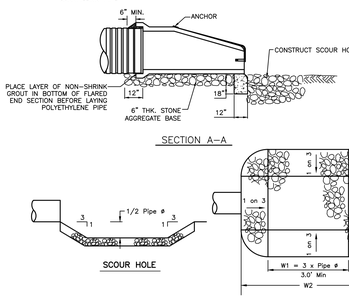
ATLANTIC CONCRETE PRODUCTS CO. (OR EQUAL) TYPE 6061–76 POLYPROPYLENE PLASTIC – M.A. INDUSTRIES INC. NO. PS–4–IB (OR EQUAL) WITH 1/2" GRADE 60 STEEL REINFORCEMENT



NOTES:
1. SIZE AND DIMENSIONS OF FLARED–END SECTION VARIES WITH DIAMETER AND TYPE OF PIPE.

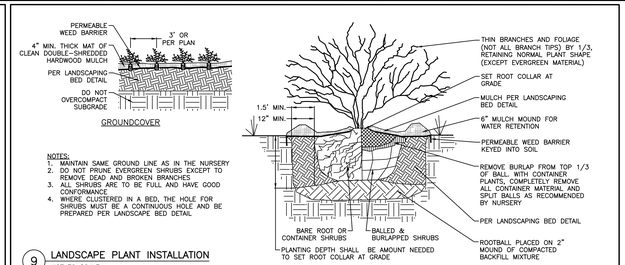


NOTES:
1. STONES FOR RIP–RAP SHALL BE COMPOSED OF A WELL GRADED MIXTURE OF DURABLE ROCK SUCH THAT 50% OF THE MIXTURE BY WEIGHT SHALL BE LARGER THAN A d_{50} STONE DIAMETER. THE MIXTURE SHALL CONTAIN A SUFFICIENT MIXTURE OF OTHER STONES TO FILL THE VOIDS. THE d_{50} DIA. OF THE LARGEST STONE SIZE SHALL BE $1.5d_{50}$.



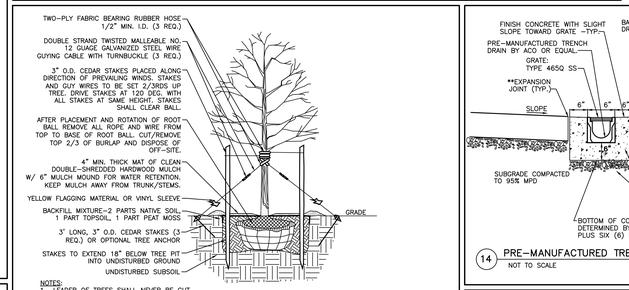
6 CONCRETE FLARED END SECTION W/ SCOUR HOLE
NOT TO SCALE

SCOUR HOLE	D	W1	W2	L1	L2	d50	THK
15" FES	0.75'	3.75'	8.25'	2.5'	7.0'	8"	24"



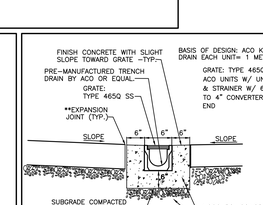
NOTES:
1. MAINTAIN SAME GROUND LINE AS IN THE NURSERY
2. DO NOT PRUNE EVERGREEN SHRUBS EXCEPT TO REMOVE DEAD AND BROKEN BRANCHES
3. ALL SHRUBS ARE TO BE FULL AND HAVE GOOD CONFORMANCE
4. WHERE CLUSTERED IN A BED, THE HOLE FOR SHRUBS MUST BE A CONTINUOUS HOLE AND BE PREPARED PER LANDSCAPE BED DETAIL

9 LANDSCAPE PLANT INSTALLATION
NOT TO SCALE



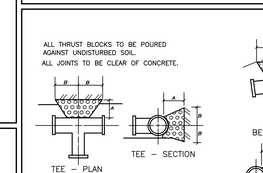
NOTES:
1. LEADER OF TREES SHALL NEVER BE CUT.
2. STAKING IS REQUIRED FOR ALL DECIDUOUS TREES UNDER 3" IN CALIPER AND ALL EVERGREEN TREES UNDER 8' IN HEIGHT.
3. GUYING IS REQUIRED FOR ALL DECIDUOUS TREES 3" IN CALIPER AND GREATER AND ALL EVERGREEN TREES OVER 8' IN HEIGHT.
4. DECIDUOUS TREES SHALL BE PRUNED TO THIN AND SHAPE CANOPY. EVERGREEN TREES SHALL HAVE ONLY DAMAGED OR BROKEN BRANCHES REMOVED.
5. TREE SHALL BEAR SAME RELATION TO GRADE AS IT BORE TO PREVIOUS GRADE IN THE NURSERY.

10 TREE INSTALLATION
NOT TO SCALE



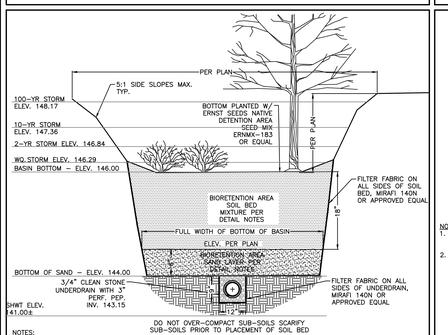
NOTES:
1. PORTLAND CEMENT CONCRETE TO BE NJ DOT, 4,000 PSI, AIR ENTRAINED
2. ALL CONSTRUCTION SHALL BE ON COMPACTED SUBGRADE PER SPECIFICATIONS.
3. SAWCUT CONTROL JOINTS ALONG DRAIN AS RECOMMENDED BY THE MANUFACTURER.
4. SEAL ALL EXPANSION JOINTS (NEATLY) IN A WORKMANLIKE MANNER WITH SELF LEVELING POLYURETHANE EXTERIOR JOINT SEALANT, QUIK–RETE SEALANT 8660, SIKAFLEX OR EQUAL.

14 PRE–MANUFACTURED TRENCH DRAIN
NOT TO SCALE



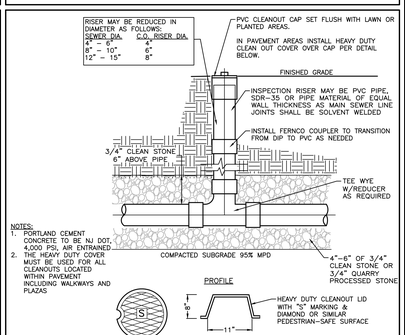
PIPE DIA.	FITTING	A	B
4"/6"	90° BENDS & TEES 11–1/4° TO 45°	16"	14"
8"	90° BENDS & TEES 11–1/4° TO 45°	16"	12"
		16"	18"
10"	90° BENDS & TEES 11–1/4° TO 45°	16"	16"
		24"	24"
12"	90° BENDS & TEES 11–1/4° TO 45°	18"	18"
		24"	28"
16"	90° BENDS & TEES 11–1/4° TO 45°	20"	20"
		24"	36"
		24"	28"

15 CONCRETE THRUST BLOCKS
NOT TO SCALE



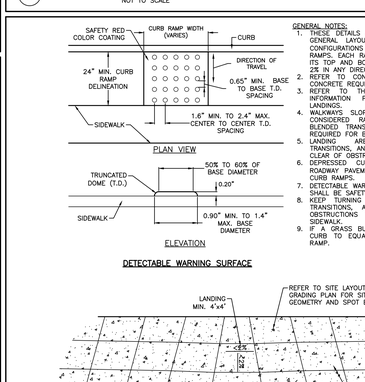
NOTES:
1. THE SOIL BED MATERIAL MUST CONSIST OF THE FOLLOWING MIX, BY WEIGHT: 85 TO 95% SAND, WITH NO MORE THAN 25% OF THE SAND AS FINE OR VERY FINE SANDS; NO MORE THAN 15% SILT AND CLAY WITH 2% TO 5% CLAY CONTENT. THE ENTIRE MIX MUST THEN BE AMENDED WITH 3 TO 7% ORGANICS, BY WEIGHT.
2. PRE–MIXED SOIL MUST BE CERTIFIED TO BE CONSISTENT WITH THE REQUIREMENT ABOVE BY EITHER THE VENDOR OR BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF NEW JERSEY. THE CONTENT OF ANY SOIL MIXED ON–SITE MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF NEW JERSEY; IN ADDITION, THE ENGINEER MUST BE PRESENT WHILE THE SOIL IS MIXED.
3. THE PH OF THE SOIL BED MATERIAL MUST RANGE FROM 5.5 TO 6.5.
4. THE SOIL BED MATERIAL MUST BE PLACED IN LIFTS NOT TO EXCEED 8 INCHES. ADDITIONAL MATERIALS MAY BE NECESSARY TO ACCOUNT FOR SETTLING OVER TIME.
5. THE SAND LAYER, WHICH ACTS AS A TRANSITION BETWEEN THE SOIL BED AND THE SUBSEQUENT LAYERS, MUST BE AT LEAST 6 INCHES IN DEPTH AND MUST CONSIST OF CLEAN, MEDIUM–AGGREGATE CONCRETE SAND (AASHTO M–6/ASTM C–33). TO ENSURE PROPER SYSTEM OPERATION, THE PERMEABILITY RATE OF THE SAND LAYER MUST BE AT LEAST TWICE THE DESIGN PERMEABILITY RATE OF THE SOIL BED.

3 BIORETENTION AREA SECTION
NOT TO SCALE

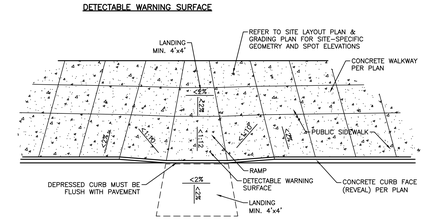


NOTES:
1. PORTLAND CEMENT CONCRETE TO BE NJ DOT, 4,000 PSI, AIR ENTRAINED
2. THE HEAVY DUTY COVER MUST BE USED FOR ALL CLEANOUTS LOCATED WITHIN PAVEMENT INCLUDING WALKWAYS AND PLAZAS

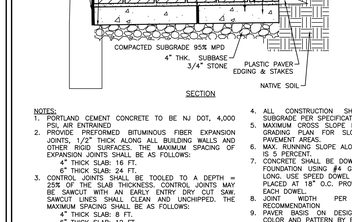
4 CLEANOUT
NOT TO SCALE



GENERAL NOTES:
1. THESE DETAILS ARE INTENDED TO DEPICT THE GENERAL LAYOUT & GEOMETRY OF VARIOUS CONFIGURATIONS OF BARRIER FREE (ADA) RAMPS. EACH RAMP SHALL HAVE A LANDING AT ITS TOP AND BOTTOM SLOPING NOT MORE THAN 2% IN ANY DIRECTION.
2. REFER TO CONCRETE PAVEMENT DETAIL FOR CONCRETE REQUIREMENTS.
3. REFER TO THE PLAN FOR SITE LAYOUT INFORMATION PERTAINING TO RAMPS AND LANDINGS.
4. WALKWAYS SLOPING 5% OR LESS ARE NOT CONSIDERED RAMPS, BUT ARE KNOWN AS BLENDED TRANSITIONS. LANDINGS ARE NOT REQUIRED FOR BLENDED TRANSITIONS.
5. LANDING AREA, APPROACH SIDEWALK TRANSITIONS, AND CURB RAMP SHALL BE KEPT CLEAR OF OBSTRUCTIONS.
6. DEPRESSED CURB SHALL BE FLUSH WITH ROADWAY PAVEMENT A MINIMUM OF 4" AT ALL CURB RAMPS.
7. DETECTABLE WARNING SURFACES (SHADED AREA) SHALL BE SAFETY RED COLOR ON CONCRETE.
8. KEEP TURNING SPACE, APPROACH SIDEWALK TRANSITIONS, AND CURB RAMP CLEAR OF OBSTRUCTIONS THAT PROTRUDE ABOVE THE SIDEWALK.
9. IF A GRASS BUFFER DOES NOT EXIST, SLOPE CURB TO EQUAL SLOPE OF ADJACENT CURB RAMP.

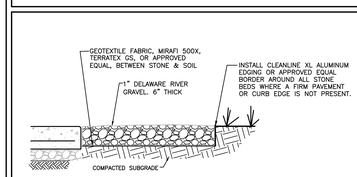


7 BARRIER–FREE (ADA COMPLIANT) CURB RAMP
NOT TO SCALE

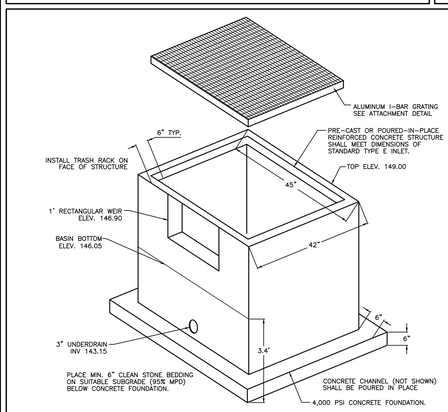


NOTES:
1. PORTLAND CEMENT CONCRETE TO BE NJ DOT, 4,000 PSI, AIR ENTRAINED
2. PROVIDE PREFORMED BITUMINOUS FIBER EXPANSION JOINTS, 1/2" THICK ALONG ALL BUILDING WALLS AND OTHER RIGID SURFACES. THE MAXIMUM SPACING OF EXPANSION JOINTS SHALL BE AS FOLLOWS:
   4" THICK SLAB: 16 FT.
   6" THICK SLAB: 24 FT.
3. CONTROL JOINTS SHALL BE TOOLED TO A DEPTH = 25% OF THE SLAB THICKNESS. CONTROL JOINTS MAY BE SAWCUT WITH AN EARLY ENTRY DRY CUT SAW. SAWCUT LINES SHALL CLEAN AND UNCHIPPED. THE MAXIMUM SPACING SHALL BE AS FOLLOWS:
   4" THICK SLAB: 8 FT.
   6" THICK SLAB: 12 FT.
4. ALL CONSTRUCTION SHALL BE ON COMPACTED SUBGRADE PER SPECIFICATIONS.
5. MAXIMUM CROSS SLOPE FOR SIDEWALKS IS 2%. SEE GRADING PLAN FOR SLOPES IN PLAZAS AND ALL PAVEMENT AREAS.
6. MAX. RUNNING SLOPE ALONG ANY SIDEWALK OR PLAZA IS 5 PERCENT.
7. CONCRETE SHALL BE DOWELED TO ADJACENT BUILDING FOUNDATION USING #4 GRADE 60 REBARS, MIN. 12" LONG. USE SPEED DOWEL BY GREENSTREAK, OR EQUAL PLACED AT 18" O.C. PROVIDE EXPANSION SLEEVE FOR EACH DOWEL.
8. JOINT WIDTH PER PAVER MANUFACTURER RECOMMENDATION
9. PAVER BASIS ON DESIGN: TECHNO BLOCK, STYLE, COLOR AND PATTERN BY BY OWNER FROM FULL RANGE AVAILABLE.

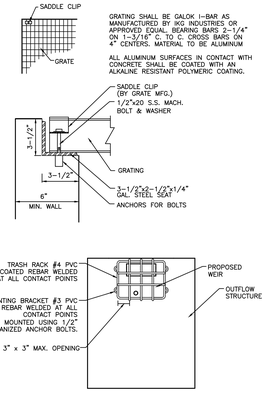
11 CONCRETE PAVERS
NOT TO SCALE



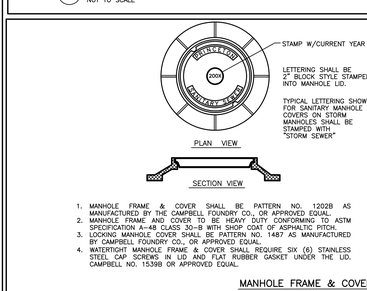
12 GRAVEL SURFACING
NOT TO SCALE



5 ABOVE GROUND OUTFLOW STRUCTURE
NOT TO SCALE

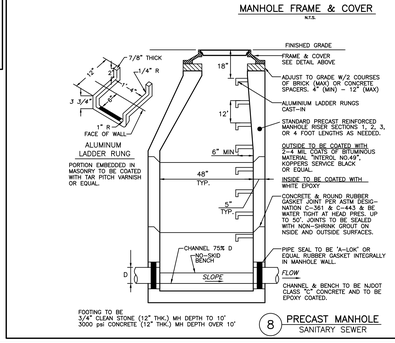


TRASH RACK DETAIL
N.T.S.

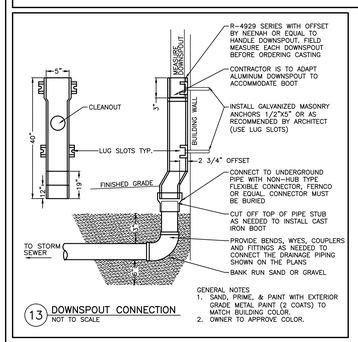


1. MANHOLE FRAME & COVER SHALL BE PATTERN NO. 1202B AS MANUFACTURED BY THE CAMPBELL FOUNDRY CO., OR APPROVED EQUAL.
2. MANHOLE FRAME AND COVER TO BE HEAVY DUTY CONFORMING TO ASTM SPECIFICATION A–48 CLASS 30–B WITH SHOP COAT OF ASPHALTIC PITCH.
3. LOCKING MANHOLE COVER SHALL BE PATTERN NO. 1487 AS MANUFACTURED BY CAMPBELL FOUNDRY CO., OR APPROVED EQUAL.
4. WATERTIGHT MANHOLE FRAME & COVER SHALL REQUIRE SIX (6) STAINLESS STEEL CAP SCREWS IN LID AND FLAT RUBBER GASKET UNDER THE LID. CAMPBELL NO. 1539B OR APPROVED EQUAL.

MANHOLE FRAME & COVER
N.T.S.



8 PRECAST MANHOLE SANITARY SEWER



GENERAL NOTES
1. SAND, PRIME, & PAINT WITH EXTERIOR GRADE METAL PAINT (2 COATS) TO MATCH BUILDING COLOR.
2. OWNER TO APPROVE COLOR.

13 DOWNSPOUT CONNECTION
NOT TO SCALE

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A00170000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A00129700
JASON J. DUBOWITCH, AIA
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STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
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FVHDPC.COM

NJDCA Electronic Release Stamp

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By

Scale

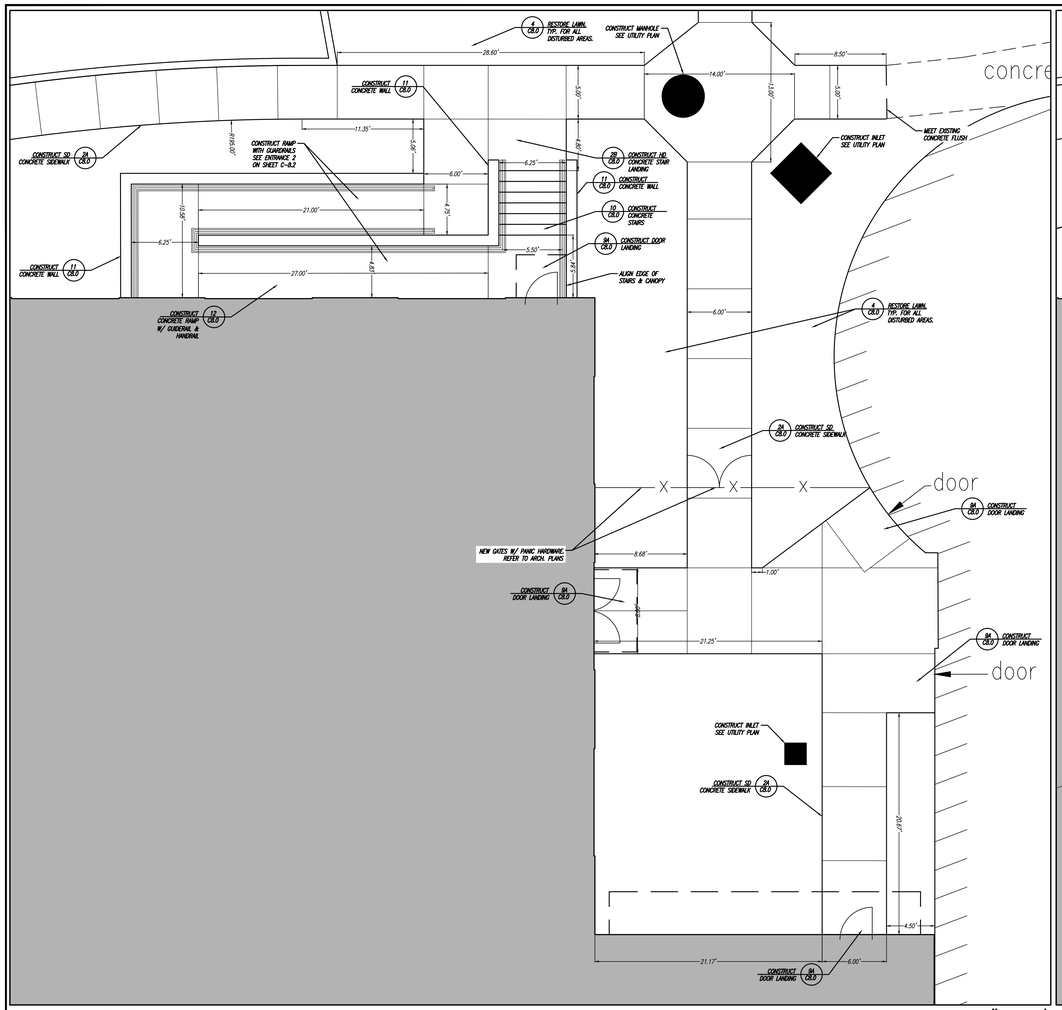
Drawing Name
DETAILS

Revisions

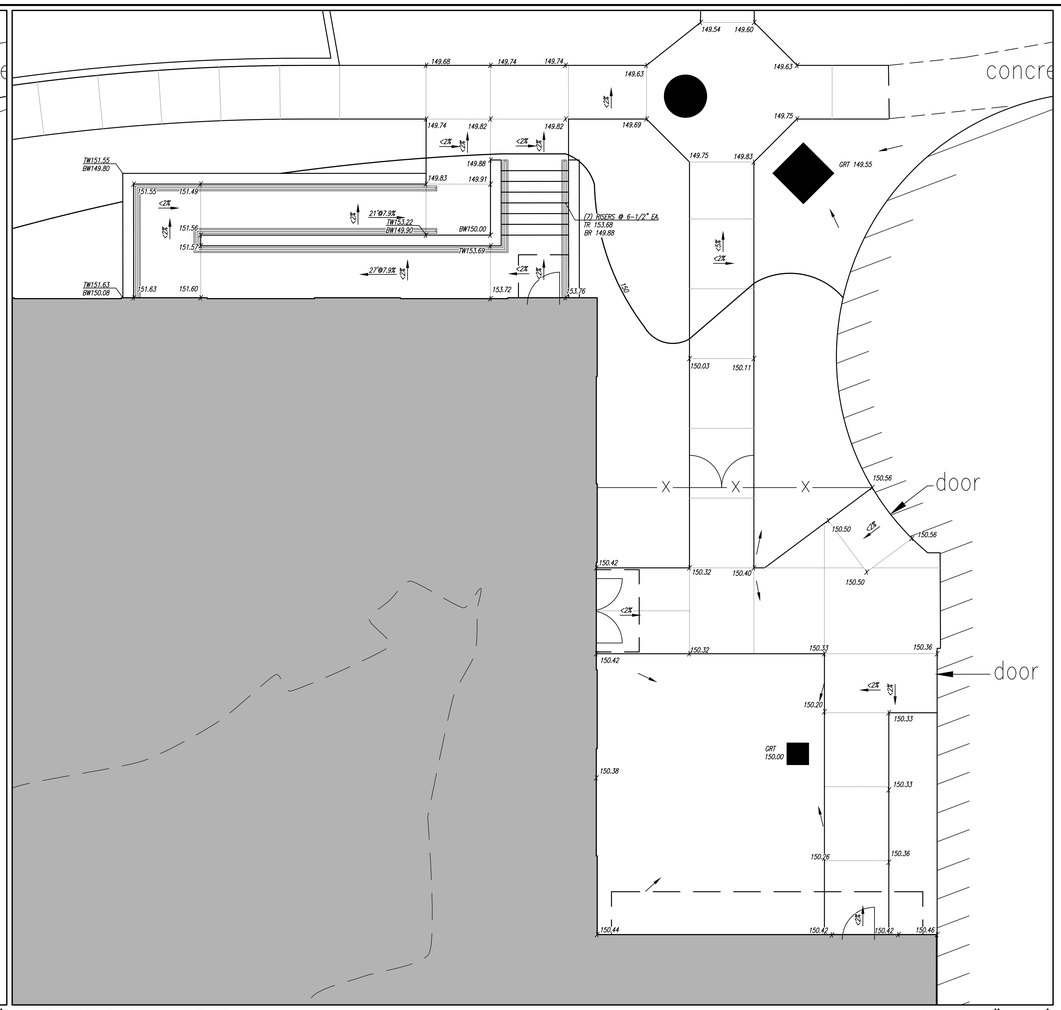
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

Drawing Number
C-8.1

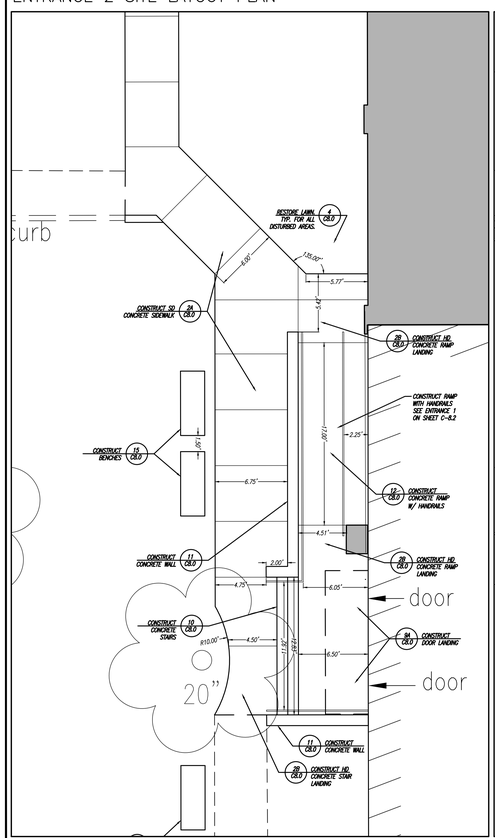
Civil Engineering Consultant: EEG 1633D
EDWARDS ENGINEERING GROUP
AN L2A COMPANY
BETH E. KENDERDINE, P.E. 12.15.25
Professional Engineer N.J. Lic. No. GE45532



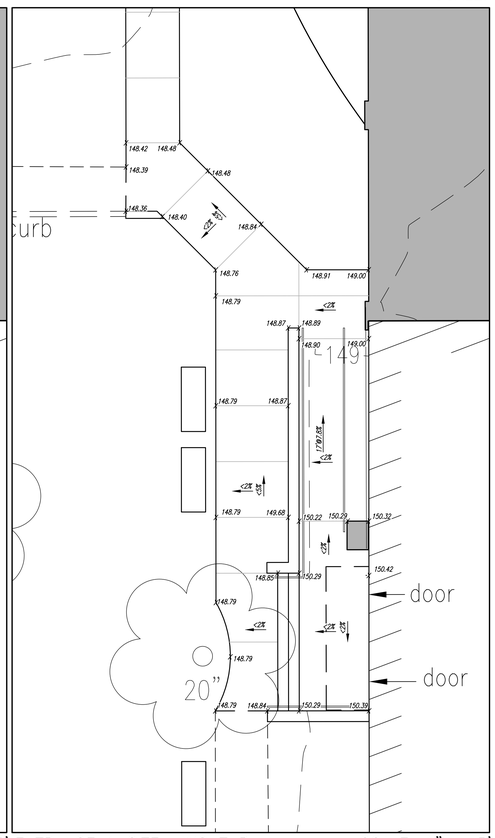
ENTRANCE 2 SITE LAYOUT PLAN SCALE: 1" = 5'



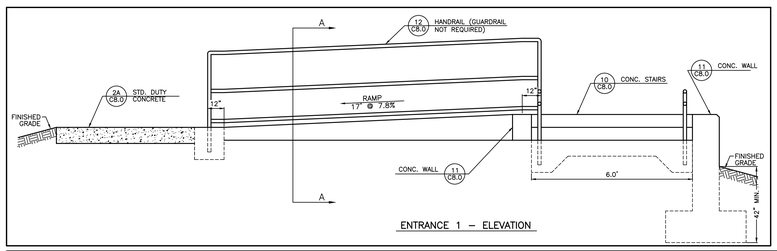
ENTRANCE 2 SITE LAYOUT PLAN SCALE: 1" = 5'



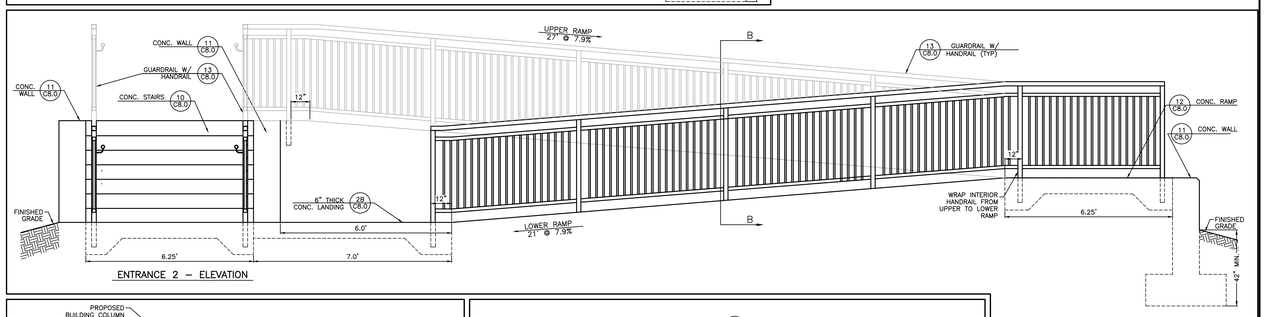
ENTRANCE 1 SITE LAYOUT PLAN SCALE: 1" = 5'



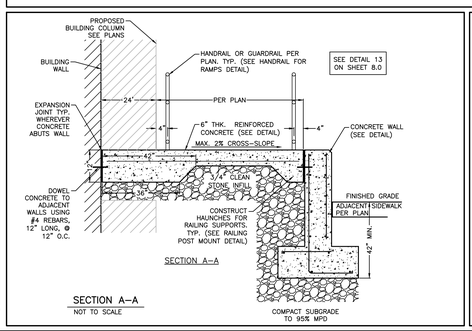
ENTRANCE 1 SITE LAYOUT PLAN SCALE: 1" = 5'



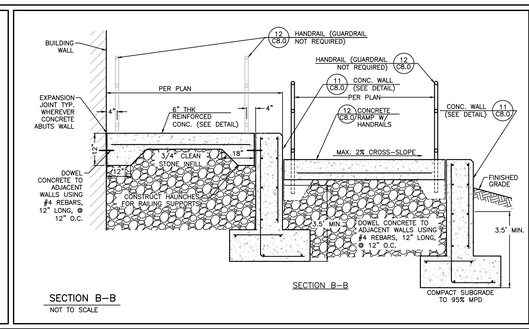
ENTRANCE 1 – ELEVATION



ENTRANCE 2 – ELEVATION



SECTION A–A
NOT TO SCALE



SECTION B–B
NOT TO SCALE

Civil Engineering Consultant: EEG 1633D

EDWARDS ENGINEERING GROUP
AN L2A COMPANY

BETH E. KENDERDINE, P.E. 12.15.25
Professional Engineer NJ. Lic. No. GE45532

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21AI01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
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FVHD Architecture Planning Frayiak Velsz Hopkins Duthie P.C.

Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

FVHDPC.COM

Project Name
Addition and Renovations to Community Park Elementary School

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Princeton Public Schools

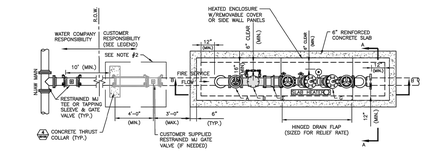
Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number	5516C
Project Date	10.10.2025
Checked By	GRD
Drawn By	
Scale	

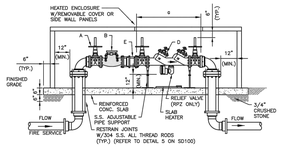
Drawing Name
DETAILS

Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

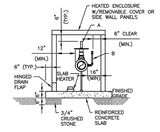
Drawing Number
C-8.2



PLAN
N.T.S.



SECTION B–B
N.T.S.



SECTION A–A
N.T.S.

NOTES:

1. IN LIEU OF PROVIDING A VAULT FOR LARGE METER(S) (3" & LARGER) AND AN ABOVEGROUND, HEATED ENCLOSURE FOR A BACKFLOW PREVENTER ASSEMBLY, NJAW MAY ALLOW BOTH THE METER ASSEMBLY AND THE BACKFLOW PREVENTER ASSEMBLY TO BE INSTALLED IN A SINGLE ABOVEGROUND, HEATED ENCLOSURE. IF APPROVED BY NJAW, THE ENCLOSURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS DRAWING, UNLESS SPECIFICALLY INDICATED OTHERWISE IN THE LEGEND. ALL ENCLOSURE AND PIPING CONSTRUCTION IS SUBJECT TO WATER COMPANY APPROVAL PRIOR TO SERVICE.
2. IF ENCLOSURE IS >20 FEET FROM NJAW SHUTOFF VALVE, CUSTOMER IS REQUIRED TO FURNISH & INSTALL AN ADDITIONAL RESTRAINED MECHANICAL JOINT GATE VALVE & VALVE BOX WITHIN 3 FEET OF THE ENCLOSURE IF VAULT IS <20 FEET FROM NJAW SHUTOFF VALVE, CUSTOMER SHALL INSTALL A SOLID, GASKETED, MECHANICAL JOINT SLEEVE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS WITHIN 3 FEET OF VAULT.
3. EXTERIOR VALVES & FITTINGS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS, THRUST COLLARS AND/OR 304 STAINLESS STEEL RODS/NUTS AND CLAMPS.
4. BASED ON THE LARGEST SIZE GATE VALVE REQUIRED, THE MINIMUM ENCLOSURE HEIGHT (INTERIOR DIMENSION) SHALL BE AS INDICATED BELOW. LENGTH AND WIDTH SHALL BE AS INDICATED ON STANDARD DETAIL SD101:

GV SIZE	ENCLOSURE HEIGHT
2" TO 8"	6'-0"
10"	6'-6"
12"	7'-0"

5. ENCLOSURE PIPING TO BE DUCTILE IRON MEETING ANSI/AWWA C115/A21.15, OR TYPE K DRAWN (HARD) TEMPER COPPER MEETING ASTM–B88. THE USE OF FLANGED COUPLING ADAPTERS IS STRICTLY PROHIBITED.
6. NO DETECTOR CHECK VALVES WILL BE MADE AVAILABLE TO THE CUSTOMER BY NJAW PRIOR TO THE INSPECTION BY NJAW.
7. BACKFLOW PREVENTER ASSEMBLY SHALL NOT BE SUBJECT TO FLOODING.
8. BACKFLOW PREVENTER MUST BE INSTALLED ABOVE NATURAL GROUND, ABOVE THE 100 YEAR FLOOD LEVEL, UNLESS OTHERWISE APPROVED BY NJAW.
9. ENCLOSURE MUST MEET OSHA 29 CRF 1910.145 AND ASSE 1060 CLASS 1.
10. INSULATED HEATED ENCLOSURE CHARACTERISTICS:
    A. ENCLOSURE–5052–H32 MARINE GRADE ALUMINUM (0.050/18 GAUGE), MILL FINISH, OR 1/8" POLYESTER RESIN REINFORCED WITH FIBERGLASS STRAND
    B. INSULATION– 1–1/2" (R9) POLYISOCYANURATE FOAM
    C. HEATING SYSTEM– SLAB OR WALL MOUNT THERMOSTATICALLY CONTROLLED ELECTRIC HEATER MEETING SECTION 49 OF UL–2021 FOR DAMP OR WET LOCATIONS, WITH GFI RECEPTACLE, U.L. 943 NEMA 3R MOUNTED 8" (MIN.) ABOVE SLAB.
    D. HEATER(S) SHALL BE PROVIDED AS NECESSARY TO MAINTAIN TEMPERATURE ABOVE 40° F AT ALL TIMES.
11. ENCLOSURE MUST BE A SUFFICIENT SIZE TO HOUSE ALL REQUIRED PIPING. ENCLOSURE SHALL BE LOCKABLE. ACCESS PANELS SHALL BE ABOVE THE CENTERLINE OF THE ASSEMBLIES OR IN SIDE WALLS. ENCLOSURE TO HAVE HINGED ONE–WAY DRAIN FLAP SIZED FOR FULL PORT BACKFLOW DISCHARGE TO SURROUNDING GRADE. REFER TO DRAWING SD101.

LEGEND:

COMPONENTS SHADED IN GRAY TO BE FURNISHED BY WATER CO.

A– OS&Y GATE VALVE WITH FLANGED ENDS (FURNISHED & INSTALLED BY CUSTOMER)

B– DETECTOR CHECK VALVE W/ BYPASS METER (FURNISHED BY WATER CO., INSTALLED BY CUSTOMER)

E– DISMANTLING JOINT TO HAVE FLANGED ENDS WITH JOINT RESTRAINT (FURNISHED & INSTALLED BY CUSTOMER)

G– BACKFLOW PREVENTER ASSEMBLY (FURNISHED & INSTALLED BY CUSTOMER)

REVISIONS		REVISIONS	

NEW JERSEY AMERICAN WATER

NJ LICENSED PROFESSIONAL ENGINEER

AMERICAN WATER ENGINEERING DATA CHANGE NO. 601 LAUREL AV 08054

AMERICAN WATER

DRAWN BY: J. SCHMATZ
PROJECT SHT'S: 1 OF 1
DATE 08-24-18
PROJECT

STANDARD DETAIL
FIRE SERVICE METER & BACKFLOW PREVENTER IN HEATED ENCLOSURE

NEW JERSEY AMERICAN WATER	STANDARDS	USE ENGINEERS ONLY SCALE AS SHOWN
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES		0201–0601–SD97

0201060103097

1 FIRE SERVICE METER & BACKFLOW PREVENTOR
NOT TO SCALE

G:\acad\ACADDOMN\J American Standard Details\02010601SD102.dwg, 11/29/2022 1:18:05 PM, DWG To PDF.pc3

FITTINGS & EQUIPMENT LAYING LENGTHS

	Laying Length (inches)				
Nominal Service Size	**3"**	**4"**	**6"**	**8"**	**10"**
A- Gate Valve (OS&Y)	8	9	10.5	11.5	13
B- Detector Check Valve (DCV)	15	15	21	25	28.75
C- Domestic Compund Meter Assembly (includes spool, strainer, meter & test p	24	29.5	39.375	42	55
D- Multi-Use Meter Assembly (includes strainer, meter & test port)	------	43	57.25	63.3125	70
E- Dismantling Joint	9	9	9	9	10
F- Swing Check Valve	9.5	11.5	14	19.5	24.5
G- RPZ Backflow Preventer Assembly (inludes gate valves)	42.25	55.125	65.5	78.5	93.625
G- Double Check Backflow Preventer Assembly (inludes gate valves)	40.375	52.375	62.875	75	90
H- Pressure Reducing Valve (PRV) (excludes shutoffs)	12	15	20	25.375	29.75
Y-Strainer DI Class 125	10.125	12.125	18.5	21.625	26
Tee (Run)	11	13	16	18	22
Tee (Branch)	5.5	6.5	8	9	11
90° Bend	5.5	6.5	8	9	11
Spool (FLGxFLG) (minimum length available)	------	4.25	4.5	5	5.5

NOTES:

1. LAYING LENGTHS SHOWN ABOVE ARE APPROXIMATE AND BASED ON SPECIFIC MANUFACTURER AND MODEL COMPONENTS. DESIGN ENGINEER TO VERIFY ALL DIMENSIONS, BASED ON ACTUAL EQUIPMENT AND FITTINGS PROPOSED.
2. LAYING LENGTHS NOTED ABOVE DO NOT INCLUDE GASKET THICKNESS.
3. THE USE OF FLANGED COUPLING ADAPTERS IS STRICTLY PROHIBITED.

REVISIONS		REVISIONS	
1	REVISED LAYING LENGTHS R. BEATTY 11–29–22		

NEW JERSEY AMERICAN WATER

NJ LICENSED PROFESSIONAL ENGINEER

AMERICAN WATER ENGINEERING DATA CHANGE NO. 601 LAUREL AV 08054

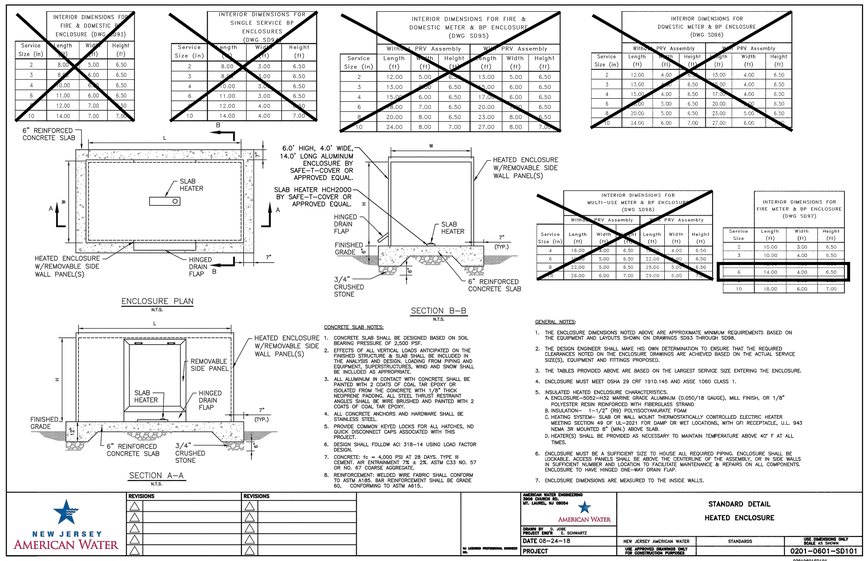
AMERICAN WATER

DRAWN BY: J. SCHMATZ
PROJECT SHT'S: 1 OF 1
DATE 08-24-18
PROJECT

STANDARD DETAIL
DOMESTIC & FIRE SERVICE
TYPICAL LAYING LENGTHS OF EQUIPMENT & FITTINGS

NEW JERSEY AMERICAN WATER	STANDARDS	USE ENGINEERS ONLY SCALE AS SHOWN
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES		0201–0601–SD102

0201060150102



CONCRETE SLAB NOTES:

1. CONCRETE SLAB SHALL BE DESIGNED BASED ON SOIL BEARING PRESSURE OF 2,000 PSF.
2. EFFECTS OF ALL VERTICAL LOADS ANTICIPATED ON THE ENCLOSURE SHALL BE CONSIDERED IN THE DESIGN AND THE ANALYSIS AND DESIGN. LOADING FROM PIPING AND EQUIPMENT, SUPERSTRUCTURES, WIND AND SNOW SHALL BE INCLUDED AS APPROPRIATE.
3. ALL ALUMINUM IN CONTACT WITH CONCRETE SHALL BE PAINTED WITH 2 COATS OF ZINC CHROMATE PRIMER, ISOLATED FROM THE CONCRETE WITH 1/8" THICK NEOPRENE PADDING. ALL STEEL THRUST RESTRAINT ANGLES SHALL BE WIRE BRUSHED AND PAINTED WITH 2 COATS OF COAL TAR EPOXY.
4. ALL CONCRETE ANCHORS AND HARDWARE SHALL BE STAINLESS STEEL.
5. PROVIDE COMMON KEYED LOCKS FOR ALL HATCHES, NO QUICK DISCONNECT CAPS ASSOCIATED WITH THIS PROJECT.
6. DESIGN SHALL FOLLOW ACI 318–14 USING LOAD FACTOR DESIGN.
7. CONCRETE: f'c = 4,000 PSI AT 28 DAYS. TYPE III CEMENT. AIR ENTRAINMENT 7% ± 2%. ASTM C33 NO. 57 STONE. SLUMP 4" MAXIMUM.
8. REINFORCEMENT: WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. BAR REINFORCEMENT SHALL BE GRADE 60, CONFORMING TO ASTM A615.

GENERAL NOTES:

1. THE ENCLOSURE DIMENSIONS NOTED ABOVE ARE APPROXIMATE MINIMUM REQUIREMENTS BASED ON THE EQUIPMENT AND LAYOUTS SHOWN ON DRAWINGS SD93 THROUGH SD98.
2. THE DESIGN ENGINEER SHALL MAKE HIS OWN DETERMINATION TO ENSURE THAT THE REQUIRED CLEARANCES NOTED ON THE ENCLOSURE DRAWINGS ARE ACHIEVED BASED ON THE ACTUAL SERVICE SIZE(S), EQUIPMENT AND FITTINGS PROPOSED.
3. THE TABLES PROVIDED ABOVE ARE BASED ON THE LARGEST SERVICE SIZE ENTERING THE ENCLOSURE.
4. ENCLOSURE MUST MEET OSHA 29 CRF 1910.145 AND ASSE 1060 CLASS 1.
5. INSULATED HEATED ENCLOSURE CHARACTERISTICS:
   A. ENCLOSURE– 5052–H32 MARINE GRADE ALUMINUM (0.050/18 GAUGE), MILL FINISH, OR 1/8" POLYESTER RESIN REINFORCED WITH FIBERGLASS STRAND
   B. INSULATION– 1–1/2" (R9) POLYISOCYANURATE FOAM
   C. HEATING SYSTEM– SLAB OR WALL MOUNT THERMOSTATICALLY CONTROLLED ELECTRIC HEATER MEETING SECTION 49 OF UL–2021 FOR DAMP OR WET LOCATIONS, WITH GFI RECEPTACLE, U.L. 943 NEMA 3R MOUNTED 8" (MIN.) ABOVE SLAB.
   D. HEATER(S) SHALL BE PROVIDED AS NECESSARY TO MAINTAIN TEMPERATURE ABOVE 40° F AT ALL TIMES.
6. ENCLOSURE MUST BE A SUFFICIENT SIZE TO HOUSE ALL REQUIRED PIPING. ENCLOSURE SHALL BE LOCKABLE. ACCESS PANELS SHALL BE ABOVE THE CENTERLINE OF THE ASSEMBLY, OR IN SIDE WALLS IN SUFFICIENT NUMBER AND LOCATION TO FACILITATE MAINTENANCE & REPAIRS ON ALL COMPONENTS. ENCLOSURE TO HAVE HINGED ONE–WAY DRAIN FLAP.
7. ENCLOSURE DIMENSIONS ARE MEASURED TO THE INSIDE WALLS.

REVISIONS		REVISIONS	

NEW JERSEY AMERICAN WATER

NJ LICENSED PROFESSIONAL ENGINEER

AMERICAN WATER ENGINEERING DATA CHANGE NO. 601 LAUREL AV 08054

AMERICAN WATER

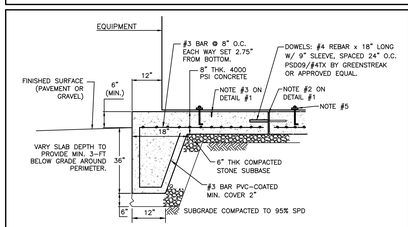
DRAWN BY: J. SCHMATZ
PROJECT SHT'S: 1 OF 1
DATE 08-24-18
PROJECT

STANDARD DETAIL
HEATED ENCLOSURE

NEW JERSEY AMERICAN WATER	STANDARDS	USE ENGINEERS ONLY SCALE AS SHOWN
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES		0201–0601–SD101

0201060150101

2 ABOVE GROUND HEATED METER ENCLOSURE
NOT TO SCALE



1. PROVIDE TRANSVERSE BRUSH–GROOVED FINISH ON CONCRETE SURFACES SUBJECT TO PEDESTRIAN TRAFFIC.
2. DIVIDE LARGE SLABS INTO SEPARATE SLABS NOT EXCEEDING 20 FEET ACROSS.
3. PROVIDE EXPANSION JOINTS ALONG ABUTTING SLAB SECTIONS.
4. EXPANSION JOINT MATERIAL SHALL BE A PREMOLDED ASPHALT IMPREGNATED FIBEROUS MATERIAL MEASURING 1/2" THICK.
5. SECURE EQUIPMENT TO PAD PER EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
6. PROVIDE FOAM ISOLATION JOINTS AROUND PIPE PENETRATIONS.

3 UTILITY PAD DETAIL

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A00170000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A00129700
JASON J. DUBOWITCH, AIA
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STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A00170200 | PA - RA414363
10/10/25
GRD
FVHDPC
Fravtak Veisz Hopkins Duthie PC
Architects
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
FVHDPC.COM

Project Name
Addition and Renovations to Community Park Elementary School

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Checked By
GRD

Drawn By

Scale

Drawing Name
DETAILS

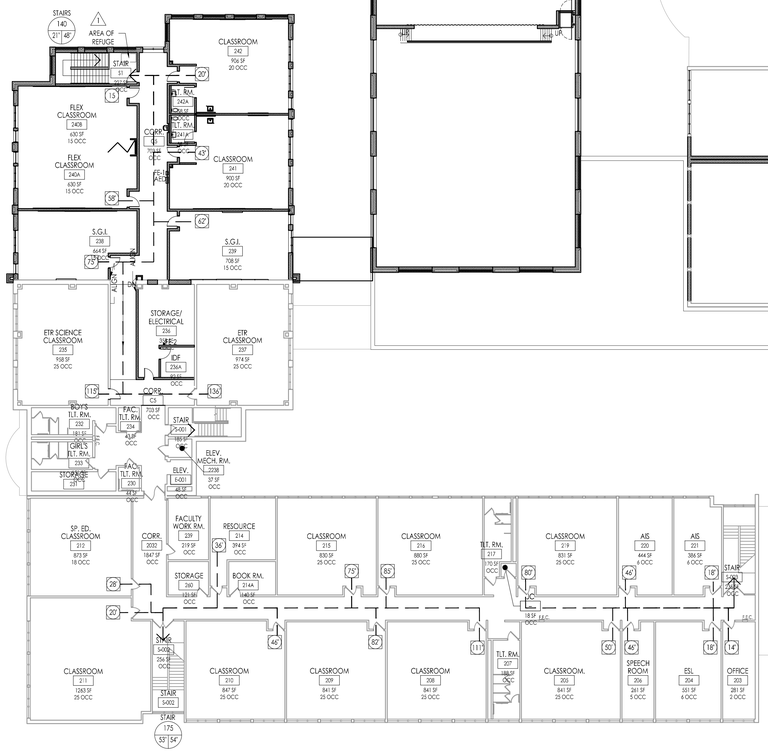
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	NJ DCA RESPONSES
	12.15.25	ISSUED FOR BID

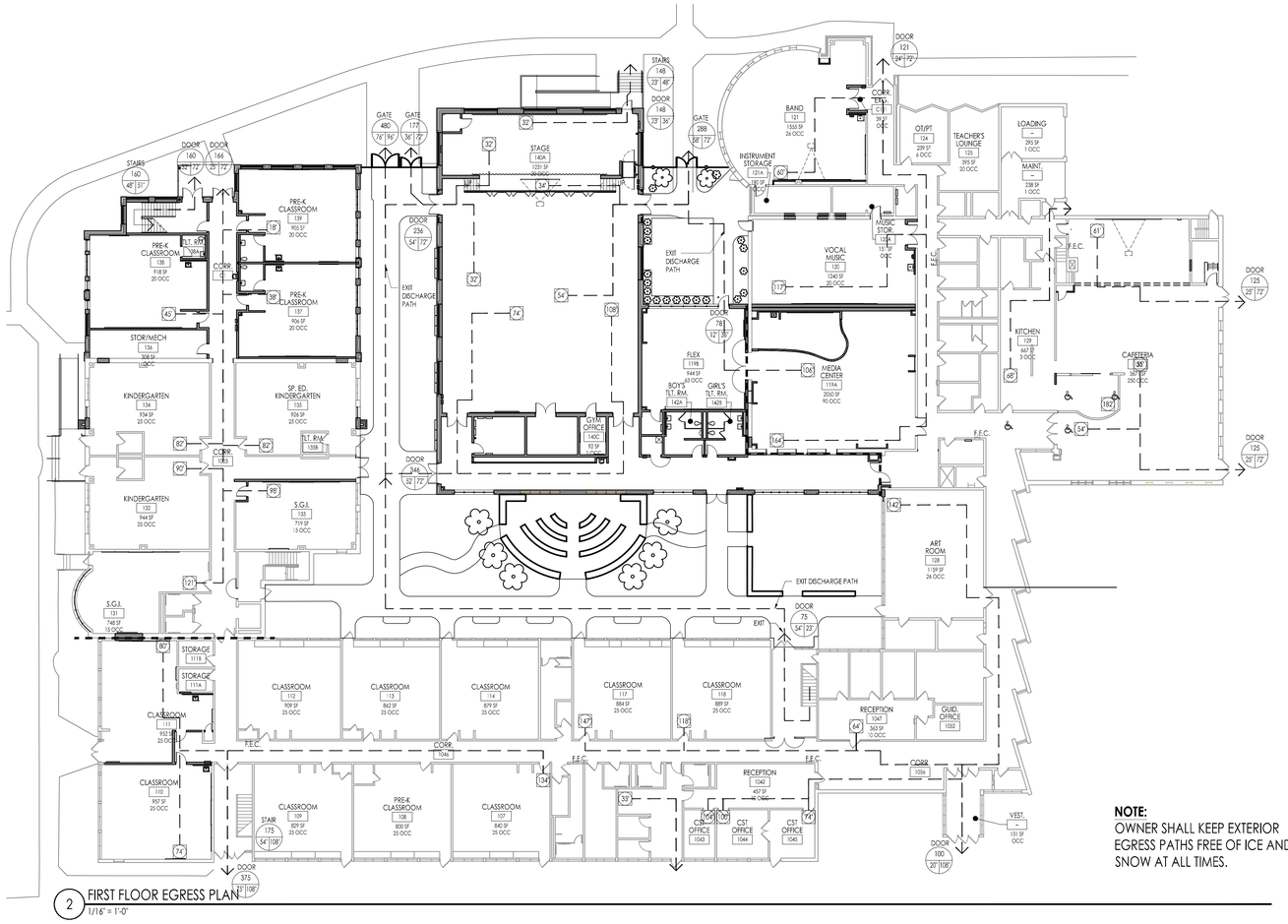
Drawing Number
C-8.3

Civil Engineering Consultant: EEG 1633D

EDWARDS ENGINEERING GROUP
AN L2A COMPANY
BETH E. KENDERDINE, P.E.
Professional Engineer NJ. Lic. No. GE45532
12.15.25
Date



1 SECOND FLOOR EGRESS PLAN
1/16" = 1'-0"



2 FIRST FLOOR EGRESS PLAN
1/16" = 1'-0"

NOTE:
OWNER SHALL KEEP EXTERIOR EGRESS PATHS FREE OF ICE AND SNOW AT ALL TIMES.

PLAN LEGEND

- FE-1 — FIRE EXTINGUISHER CABINET (NEW) - SEE DTL. SA/0203
- FE-2 — WALL MOUNTED FIRE EXTINGUISHER (NEW)
- FEC — EXISTING FIRE EXTINGUISHER
- FHC — FIRE HOSE CABINET (NEW) - REFER TO PLUMBING DRAWINGS
- 2 HOUR FIRE WALL AS PER U.L. DES. # U905
- 1 HOUR FIRE BARRIER ASSEMBLY AS PER U.L. DES. # U905 OR # U906

EGRESS LEGEND

- PATH OF EGRESS TRAVEL
- BARRIER-FREE BUILDING ENTRANCE
- XX — TRAVEL DISTANCE
- XXXXX — ROOM SQUARE FOOTAGE

ROOM CAPACITY

- XX — POSTED OCCUPANT LOAD - ALL ROOMS THAT ARE EXISTING, RENOVATED OR CONSTRUCTED AS ADDITIONS UNDER THE REHABILITATION SUBCODE SHALL HAVE POSTED OCCUPANT LOAD SIGNS - SEE DTL. XX/AXXX - NJ REHABILITATION SUBCODE
- XX — OCCUPANT LOAD - IBC 2021 NJ CHPT. 10

BUILDING EXIT CAPACITY

- X — OCCUPANT LOAD - NJ REHAB. SUBCODE
- Y — UNITS OF EGRESS WIDTH PROVIDED
- Z — UNITS OF EGRESS WIDTH REQUIRED
- X — OCCUPANT LOAD - IBC 2021 NJ CHPT. 10
- Y — NET CLEAR EGRESS WIDTH PROVIDED (IN INCHES)
- Z — NET CLEAR EGRESS WIDTH REQUIRED (IN INCHES)

PROJECT CODE INFORMATION

THIS PROJECT WAS DESIGNED UNDER THE FOLLOWING CODES:

CONSTRUCTION CODE (ALTERATIONS) -	NEW JERSEY REHAB. SUBCODE 5:23-6
BUILDING SUBCODE -	INTERNATIONAL BUILDING CODE 2021 - NJ EDITION
BARRIER-FREE SUBCODE -	N.J.A.C. 5:23-7 AND ICC-ANSI A117.1-2017
PLUMBING SUBCODE -	NATIONAL STANDARD PLUMBING SUBCODE 2021
MECHANICAL SUBCODE -	INTERNATIONAL MECHANICAL CODE 2021
ELECTRICAL SUBCODE -	NATIONAL ELECTRICAL CODE 2020
FUEL GAS SUBCODE -	INTERNATIONAL FUEL GAS CODE 2021
ENERGY CONSERVATION SUBCODE -	ASHRAE 90.1 2019
EXISTING BUILDING CODE -	NJ REHABILITATION SUBCODE 5:23

BUILDING INFORMATION
DESCRIPTION:
THIS PROJECT CONTAINS (2) ADDITIONS AND INTERIOR ALTERATIONS AND RENOVATIONS TO THE EXISTING BUILDING. ONE ADDITION IS 2-STORY ADDITION CONSISTING OF NEW PRE-K CLASSROOMS AND SUPPORTING SPACES. THE OTHER IS A 1-STORY MULTIPURPOSE ROOM ADDITION. RENOVATIONS INCLUDE CONVERTING OF THE EXISTING GYMNASIUM INTO A MEDIA CENTER & NEW CHOIR ROOM, ENLARGEMENT OF EXISTING BAND ROOM, ALONG WITH UPGRADES TO THE CAFETERIA AND MULTIPLE CLASSROOMS.

CLASSIFICATION OF WORK ALTERATIONS PER NJ REHABILITATION SUBCODE 5:23-6.6
EXISTING BUILDING IS CONSTRUCTION TYPE IIB - NON-SPRINKLERED

APPLICABLE REHAB SUBCODE SECTIONS
5:23-6.52 ADDITIONS
A. ANY ADDITION TO A BUILDING STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE UNIFORM CONSTRUCTION CODE APPLICABLE TO NEW CONSTRUCTION.
1. ANY REPAIR, RENOVATION, ALTERATION OR RECONSTRUCTION TWORK UNDERTAKEN WITHIN AN EXISTING BUILDING IN CONNECTION WITH AN ADDITION SHALL COMPLY WYITH THE REQUIREMENTS IN THIS SUBCHAPTER
D. NO ADDITION SHALL INCREASE THE AREA OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER APPLICABLE PROVISIONS OF THE BUILDING SUBCODE UNLESS A FIRE WALL IS PROVIDED IN ACCORDANCE WITH SECTION 706 OF THE BUILDING SUBCODE
E. WHERE AN ADDITION INCREASES OR EXTENDS THE SIZE OF A FIRE AREA BEYOND THAT WHICH IS ALLOWED BY SECTION 903 OF THE BUILDING SUBCODE AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHTOUT THE FIRE AREA UNLESS THE ADDITION IS SEPERATED FROM THE EXISTING BUILDING BY A FIRE BARRIER OR HORIZONTAL ASSEMBLY OR BOTH, HAVING A FIRE RESISTANCE RATING IN ACCORDANCE WITH TABLE 707.3.10 OF THE BUILDING SUBCODE: MIXED OCCUPANCIES SHALL USE THE HIGHEST APPLICATION RATING FROM 707.3.10.

CLASSIFICATION OF WORK ALTERATIONS PER NJ REHABILITATION SUBCODE 5:23-6.5

OCCUPANCY CLASSIFICATION & USE (IBC NJ EDITION CHPT. 3)

305.1- EDUCATION GROUP E
OCCUPANCY - PUBLIC ELEMENTARY SCHOOL
USE GROUP - E - EDUCATIONAL

SPECIAL REQUIREMENTS BASED ON OCCUPANCY & USE (IBC NJ EDITION CHPT. 4)

410.2.4 PROSCENIUM WALL
PROSCENIUM WALL HEIGHT GREATER THAN 50 FEET SHALL BE NOT LESS THAN 2 HR FIRE RATING.

410.2.7 STAGE VENTILATION
EMERGENCY VENTILATION SHALL BE PROVIDED FOR STAGES LARGER THAN 1,000 SF IN FLOOR AREA OR WITH A STAGE HEIGHT OF 50+ FEET.

410.2.7.1 ROOF VENTS
TWO OR MORE VENTS TO BE CONSTRUCTED TO OPEN AUTOMATICALLY BY APPROVED HEAT ACTIVATED DEVICES AND W/ AGGREGATE CLEAR OPENING LESS THAN 5% OF THE AREA OF THE STAGE SHALL BE PROVIDED.

410.6 AUTOMATIC SPRINKLER SYSTEMS
EXCEPTION 1: SPRINKLERS ARE NOT REQUIRED UNDER STAGES LESS THAN A 4 FT IN CLEAR HEIGHT USED EXCLUSIVELY FOR STORAGE OF TABLES AND CHAIRS. PROVIDED CONCEALED SPACE IS SEPARATED BY ADJACENT SPACES BY TYPE X GYPSUM BOARD.

EXCEPTION 2: SPRINKLERS ARE NOT REQUIRED FOR STAGES 1,000 SF OR LESS IN AREA & 50 FT OR LESS IN HEIGHT WHERE CURTAINS, SCENERY AND OTHER COMBUSTIBLE HANGERINGS ARE NOT RETRACTED VERTICALLY.

GENERAL BUILDING HEIGHTS & AREAS (IBC NJ EDITION CHPT. 5)

ALLOWABLE BUILDING HEIGHT (IBC NJ EDITION TABLE 504.3)

OCCUPANCY CLASSIFICATION	E
TYPE OF CONSTRUCTION	2B
ALLOWABLE BUILDING HEIGHT	55 FEET FOR BUILDINGS W/O AUTOMATIC SPRINKLERS 75 FEET FOR BUILDINGS W/ AUTOMATIC SPRINKLERS
ACTUAL BUILDING HEIGHT	29' - 6" FEET GRADE PLANE TO AVERAGE HEIGHT OF HIGHEST ROOF SURFACE

ALLOWABLE NUMBER OF STORIES (IBC NJ EDITION TABLE 505.4)

OCCUPANCY CLASSIFICATION	E
TYPE OF CONSTRUCTION	2B
ALLOWABLE NUMBER OF STORIES	2 STORIES FOR BUILDINGS W/O AUTOMATIC SPRINKLERS 3 STORIES FOR BUILDINGS W/ AUTOMATIC SPRINKLERS
ACTUAL NUMBER OF STORIES	2 STORIES

ALLOWABLE AREA (IBC NJ EDITION TABLE 506.2)

OCCUPANCY CLASSIFICATION	E
TYPE OF CONSTRUCTION	2B
ALLOWABLE AREA	14,500 SF FOR MULTI-STORY BUILDINGS W/O AUTOMATIC SPRINKLERS 43,500 SF FOR MULTI-STORY BUILDINGS W/ AUTOMATIC SPRINKLERS

ACTUAL AREA =
1. BUILDING A (EXISTING BLDG) = 49,896 SF (NON-SPRINKLERED)
2. BUILDING B (GYM) ADDITION = 9,671 SF (SPRINKLERED)
3. BUILDING C (1ST & 2ND FLOOR) - EXISTING 11,133 SF + 10,392 ADDITION = 21,525 SF (SPRINKLERED)

VOLUME CALCULATION

VOLUME CALCULATION (PER NJAC 5:23-2.28(c) 354,957CU. FT.

CONSTRUCTION TYPE (IBC NJ EDITION CHPT. 6)

THE **CONSTRUCTION TYPE OF THE EXISTING SCHOOL BUILDINGS, TYPE IIB**, HAVE NOT CHANGED UNDER THIS PROJECT. THEREFORE NO ANALYSIS OF THE EXISTING BUILDINGS HAS BEEN PROVIDED.

CONSTRUCTION TYPE OF BUILDING B AND BUILDING C ADDITIONS TO BE TYPE IIB

FIRE & SMOKE PROTECTION (IBC NJ EDITION CHPT. 7)

FIRE-RESISTANT RATED CONSTRUCTION ELEMENTS:
TABLE 705.5 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALL BASED ON FIRE SEPARATION DISTANCE
USE GROUP 'E' (EDUCATIONAL) - ELEMENTARY SCHOOL

CONSTRUCTION TYPE: IIB
X < 5' - MIN 1 HR
5 <10 - MIN 1 HR
10 < 30 - MIN 0 HR

TABLE 706.4 FIRE WALL RATING EXCEPTION: TYPE B PERMITTED TO HAVE 2-HR FIRE RATING.
TABLE 707.3.10 FIRE-WALLS OR HORIZONTAL ASSEMBLIES BETWEEN FIRE AREAS - USE GROUP E - 2 HR

ANY FIRE PARTITIONS ALTERED UNDER THIS PROJECT ARE REPLACED WITH NEW CONSTRUCTION MEETING THE REQUIREMENTS OF IBC 708.3. ANY OPENINGS IN FIRE PARTITIONS ARE PROTECTED IN ACCORDANCE WITH IBC 716.

FIRE PROTECTION & LIFE SAFETY (IBC NJ EDITION CHPT. 9)

AUTOMATIC SPRINKLER SYSTEMS:

903.2.3 GROUP E - AUTOMATIC SPRINKLER REQUIRED THROUGHOUT ALL FIRE AREAS WHEN:
1. FIRE AREA IS GREATER THAN 12,000 SF IN AREA
2. FIRE AREA IS LOCATED ON A FLOOR OTHER THAN THE LEVEL OF EXIT DISCHARGE
3. FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE.

FIRE EXTINGUISHER TYPES

MULTI-PURPOSE DRY CHEMICAL TYPE UL RATED 2A:10:B:C Slb FOR TYPE A, B, C FIRES

PROVIDE A MINIMUM 2-A RATING FOR EACH 6,000 S.F. AREA AND A TRAVEL DISTANCE OF NOT MORE THAN 75' IN EACH DIRECTION

BUILDING	AREA	NO. OF FE'S REQUIRED	NO. OF FE'S PROVIDED
BUILDING B	9347 SF	2	3
BUILDING C			
1. 1ST FLOOR	10,405 SF	3	5
2. 2ND FLOOR	9,323 SF	2	2

EXISTING FIRE ALARM SYSTEM NOTE:

IF ANY PORTION OF THE EXISTING FIRE ALARM SYSTEM MUST BE TAKEN OUT OF SERVICE FOR ANY LENGTH OF TIME, THE LOCAL FIRE MARSHAL MUST BE CONTACTED AND MUST APPROVE SHUTDOWN PLANS, PROCEDURES AND FIRE WATCH PLANS THAT WILL BE IMPLEMENTED.

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE LOCAL FIRE MARSHAL CONCERNING THE EXISTING FIRE ALARM SYSTEM SHUTDOWN PLANS, PROCEDURES AND FIRE WATCH PLANS THAT WILL BE IMPLEMENTED FOR SYSTEM INTERRUPTIONS DURING CONSTRUCTION.

NOTE THAT TEMPORARILY COVERING EXISTING DETECTION DEVICES TO PREVENT ACCIDENTAL ALARM ACTIVATIONS DUE TO DUST AND DIRT CONSTITUTES A PARTIAL SHUTDOWN OF THE EXISTING FIRE ALARM SYSTEM.

MEANS OF EGRESS (IBC NJ EDITION CHPT. 10 AND NEW JERSEY REHABILITATION SUBCODE 5:23-6.11)

BUILDING A - EXISTING
CLASSROOM RENOVATIONS: EXISTING OCCUPANT LOAD 135 OCC: PROPOSPED OCCUPANT LOAD 100 OCCUPANTS. THE PROPOSED OCCUPANT LOAD IS LESS THEN THE EXISTING OCCUPANT LOAD, NO EGRESS CALCULATION WAS PERFORMED.

BUILDING B (GYMNASIUM ADDITION)
STANDING ROOM) = 3380 SF / 5 SF NET/OCC = 679 OCC
STAGE (STANDING ROOMS) = 1,200 SF / 5 SF NET/OCC = 240
MEDIA CENTER = 1,580 / 15 SF NET/OCC = 105 OCC

BUILDING C
CLASSROOMS (11) - 930 SF / 20 SF NET/OCC =25 OCC
SGI (4) - 688 SF / 50 SF NET/OCC = 13 OCC

ADDITIONAL TOTAL OCCUPANCY: 1,062

1028.5 ACCESS TO A PUBLIC WAY
THE EXIT DISCHARGE SHALL PROVIDE UNOBSTRUCTED ACCESS TO PUBLIC WAY.

1029.2 WIDTH OR CAPACITY
THE REQUIRED CAPACITY OF EGRESS COUTS SHALL BE DETERMED AS SPECIFIED IN SECTION 1005.1, BUT THE MINIMUM WIDTH SHALL BE LESS THAN 44 INCHES, EXCEPT AS SPECIFIED HERE. THE REQUIRED CAPACITY AND WIDTH OF EGRESS COURTS SHALL BE UNOBSTRUCTED TO A HEIGHT OF 7 FEET. THE WIDTH OF EGRESS COURTS SHALL NOT BE LESS THAN THE REQUIRED CAPACITY.
EXCEPTION: ENCROACHMENTS COMPLYING WITH SECTION 1005.7

ACCESSIBILITY (IBC NJ EDITION CHPT. 11)

ALL ROOMS ALTERED UNDER THIS PROJECT SHALL MEET THE REQUIREMENTS OF IBC CHPT. 11 AND ICC-ANSI A117.1.

SEISMIC DESIGN CALCULATIONS (IBC NJ EDITION CHPT. 16)

TABLE 1604.5 - RISK CATEGORY
EDUCATIONAL USE BUILDING WITH TOTAL OCCUPANT LOAD IN EXCEED OF 250
RISK CATEGORY III

TABLE 1613.2.5(1) - SEISMIC DESIGN CATEGORY BASED ON SHORT-PERIOD (0.2 SECOND) RESPONSE ACCELERATION
SDS (SEE STRUCTURAL DRAWINGS) = 0.246
SEISMIC DESIGN CATEGORY B

TABLE 1613.2.5(2) - SEISMIC DESIGN CATEGORY BASED ON 1-SECOND PERIOD RESPONSE ACCELERATION
SD1 (SEE STRUCTURAL DRAWINGS) = 0.085
SEISMIC DESIGN CATEGORY B

THE SEISMIC DESIGN CATGORY FOR THIS PROJECT IS B.

SPECIAL INSPECTIONS (IBC NJ EDITION CHPT. 17)

THE FOLLOWING 'SPECIAL INSPECTIONS' SHALL APPLY TO THIS PROJECT, AS DEFINED IN IBC-2021 NJ EDITION, CHAPTER 17, SECTION 1705. SEE SPECIFICATION SECTION 014000.

1705 .2 -	STEEL CONSTRUCTION - SEE SPECIFICATION SECTIONS 05120, 05210 & 05300
1705 .3 -	CONCRETE CONSTRUCTION - SEE SPECIFICATION SECTION 03300
1705 .6 -	SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS - SEE SPECIFICATION SECTION 02200
1705 .11 -	FABRICATORS - SEE SPECIFICATION SECTIONS 05120, 05210 & 05300
1705 .15 -	SPRAYED FIRE-RESISTANT MATERIALS
1705 .16 -	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS - SEE SPECIFICATION SECTION 07260
1705 .18 -	FIRE-RESISTANCE PENTRATIONS & JOINTS - SEE SPECIFICATION SECTIONS 07840 & 07900.

THE INSPECTION FIRM(S) SHALL SUBMIT CERTIFICATIONS TO NJ DCA PRIOR TO PERMIT RELEASE.

PLUMBING FIXTURES (NSPC CHPT. 7)

USE GROUP 'E' (EDUCATIONAL) - ELEMENTARY SCHOOL

GENERAL
NATIONAL STANDARD PLUMBING CODE 7.2.1.2 OCCUPANT LOAD
a. THE MINIMUM NUMBER OF PLUMBING FIXTURES SHALL BE BASED ON THE NUMBER OF PERSONS TO BE SERVED BY THE FIXTURES, AS DETERMINED BY THE PERSON RESPONSIBLE FOR THE DESIGN OF THE PLUMBING SYSTEM.
b. WHERE OCCUPANT LOAD IS BASED ON EGRESS REQUIREMENTS OF A BUILDING SUBCODE, THE NUMBER OF OCCUPANTS FOR PLUMBING PURPOSES SHALL BE PERMITTED TO BE REDUCES BY ½ OF THAT FOR FIRE OR LIFE-SAFETY PURPOSES.

SANITARY FIXTURES (STUDENTS) PER NSPC TABLE 7.21.1
FUNCTIONAL CAPACITY = 550 STUDENTS

550 X 50% = 275 MALES
550 X 50% = 275 FEMALES

NEW ADDITION CONTAINS (5) SELF CONTAINED CLASSROOMS SERVICING (60) STUDENTS
275 - (60 x 50%) = 245 MALES
275 - (60 x 50%) = 245 FEMALES

WATER CLOSETS / URINALS: (1 PER 25 FOR FIRST 100, THEN 1 PER 50)
PER NSPC 7.21.1 NOTE 5 - NOT MORE THAN 50% OF REQUIRED NUMBER OF WATER CLOSETS FOR MALES MAY BE URINALS.

REQUIRED (MALES)	PROVIDED (MALES)	
8	7 WATER CLOSETS	(6 EXISTING, 1 NEW)
	5 URINALS	(4 EXISTING, 1 NEW)
REQUIRED (FEMALES)	PROVIDED (FEMALES)	
8	14 WATER CLOSETS	(11 EXISTING, 2 NEW)

LAVATORIES: (1 PER 25 FOR FIRST 100, THEN 1 PER 50)

REQUIRED (MALES)	PROVIDED (MALES)	
8	13 LAVATORIES	(11 EXISTING, 2 NEW)
REQUIRED (FEMALES)	PROVIDED (FEMALES)	
8	15 LAVATORIES	(13 EXISTING, 2 NEW)

DRINKING FOUNTAINS
FUNCTIONAL CAPACITY = 550 STUDENTS
REQUIRED: 550 STUDENTS AT 1 DRINKING FOUNTAIN PER 100 STUDENTS = (5) DRINKING FOUNTAINS REQUIRED. 10 PROVIDED (5 EXISTING, 5 NEW), ALL NEW DRINKING FOUNTAINS ARE ADA COMPLIANT

1110.5.1 MINIMUM NUMBER
NOT FEWER THAN (2) DRINKING FOUNTAINS SHALL BE PROVIDED. (1) DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND (2) DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS.
EXCEPTION 2: WHERE DRINKING FOUNTAINS ARE PRIMARILY FOR CHILDREN'S USE, DRINKING FOUNTAINS FOR PEOPLE USING WHEELCHAIRS SHALL BE PERMITTED TO COMPLY WITH CHILDREN'S PROVISIONS IN ICC A117.1 AND DRINKING FOUNTAINS FOR STANDING CHILDREN SHALL BE PERMITTED TO PROVIDE SPOUT AT 30" MINIMUM ABOVE THE FLOOR

1110.5.2 MORE THAN THE MINIMUM NUMBER
WHERE MORE THEN THE MINIMUM NUMBER OF DRINKING FOUNTAINS SPECIFIED IN SECTION 1110.5.1 IS PROVIDED 50% OF THE TOTAL NUMBER OF DRINKING FOUNTAINS SHALL COMPLY WITH THE REQUIREMENTS FOR PERSONS WHO USE A WHEELCHAIR AND 50% SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS
EXCEPTION 2: WHERE DRINKING FOUNTAINS ARE PRIMARILY FOR CHILDREN'S USE, DRINKING FOUNTAINS FOR PEOPLE USING WHEELCHAIRS SHALL BE PERMITTED TO COMPLY WITH CHILDREN'S PROVISIONS IN ICC A117.1 AND DRINKING FOUNTAINS FOR STANDING CHILDREN SHALL BE PERMITTED TO PROVIDE SPOUT AT 30" MINIMUM ABOVE THE FLOOR

CHILD HEIGHT DRINKING FOUNTAINS/BUBBLERS TO COMPLY WITH THE FOLLOWING:
2017 ICC A117.1
602.2.3 SPOUT OUTLET HEIGHT (WHEELCHAIR)
EXCEPTION: DRINKING FOUNTAINS PRIMARILY FOR CHILDREN'S USE SHALL BE PERMITTED WHERE THE SPOUT OUTLET IS 30 INCHES MAXIMUM ABOVE THE FLOOR

602.2.4 SPOUT LOCATION (WHEELCHAIR)
EXCEPTION: AT DRINKING FOUNTAINS PRIMARILY FOR CHILDREN'S USE. THE SPOUT SHALL BE 3 ½" MAXIMUM FROM FRONT EDGE OF THE DRINKING FOUNTAIN, INCLUDING BUMPERS

602.3.2 SPOUT OUTLET HEIGHT (STANDING)
EXCEPTION: DRINKING FOUNTAINS PRIMARILY FOR CHILDREN'S USE SHALL BE PERMITTED WHERE THE SPOUT OUTLET IS 30 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FLOOR

COST CALCULATION RE ACCESSIBLE PATH OF TRAVEL TO ALTERED ROOMS (NEW JERSEY REHABILITATION SUBCODE 5:23-6.6 (K))

COST VALUES SHOWN ARE FROM COST ESTIMATES SUBMITTED TO NJ DEPT. OF EDUCATION.

TOTAL RENOVATION COST (ALL DISCIPLINES)	$ 17,031,000.00

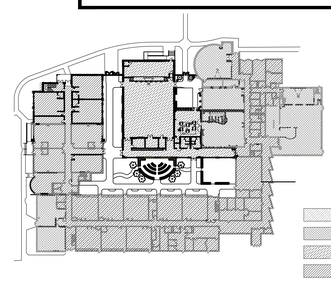
IN ACCORDANCE WITH N.J.A.C. 5:23-6.6 (k), COSTS FOR NON-ALTERATION WORK MAY BE DEDUCTED.

TOTAL ALTERATION COST:	$ 4,340,280
THRESHOLD COST (20% OF TOTAL GENERAL ALTERATION COST)	$ 283,300

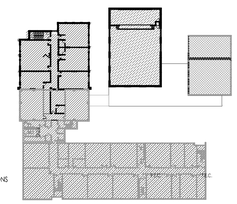
IN ACCORDANCE WITH NJAC 5:23-6.6 (k), FUNDS UP TO THE THRESHOLD COST MUST BE SPENT IN PROVIDING AN ACCESSIBLE PATH OF TRAVEL TO THE ALTERED SPACES. THE FOLLOWING ACCESSIBLE PATH OF TRAVEL ELEMENTS HAVE BEEN PROVIDED:

ACCESSIBLE PARKING SPACES	$ XXX
ACCESSIBLE EXTERIOR ROUTE	$ XXX
ACCESSIBLE BUILDING ENTRANCE	$ XXX
ACCESSIBLE INTERIOR ROUTE (RAMP, ELEVATOR)	$ XXX
ACCESSIBLE INTERIOR DOORS AT ALTERED ROOMS	$ XXX
ACCESSIBLE RESTROOMS	$ XXX
ACCESSIBLE DRINKING FOUNTAINS	$ XXX
TOTAL COST OF PROVIDED ACCESSIBLE PATH OF TRAVEL ELEMENTS	$ XXX

THE TOTAL COST OF ACCESSIBLE PATH OF TRAVEL ELEMENTS EXCEEDS THE THRESHOLD COST; THEREFORE THE REQUIREMENTS OF N.J.A.C. 5:23-6.6 (K) ARE SATISFIED.



1 FIRST FLOOR - CODE PLAN
1/64" = 1'-0"



2 SECOND FLOOR - CODE PLAN
1/64" = 1'-0"

BUILDING A: EXISTING TO REMAIN
BUILDING A: ALTERATION/RENOVATIONS
BUILDING B: ADDITION/ALTERATION
BUILDING C: ADDITION/ALTERATION

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A071060001 | PA - RA012520X
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Architect

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Frayzak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
F V H D P C . C O M

10/10/25 Date

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
ETS

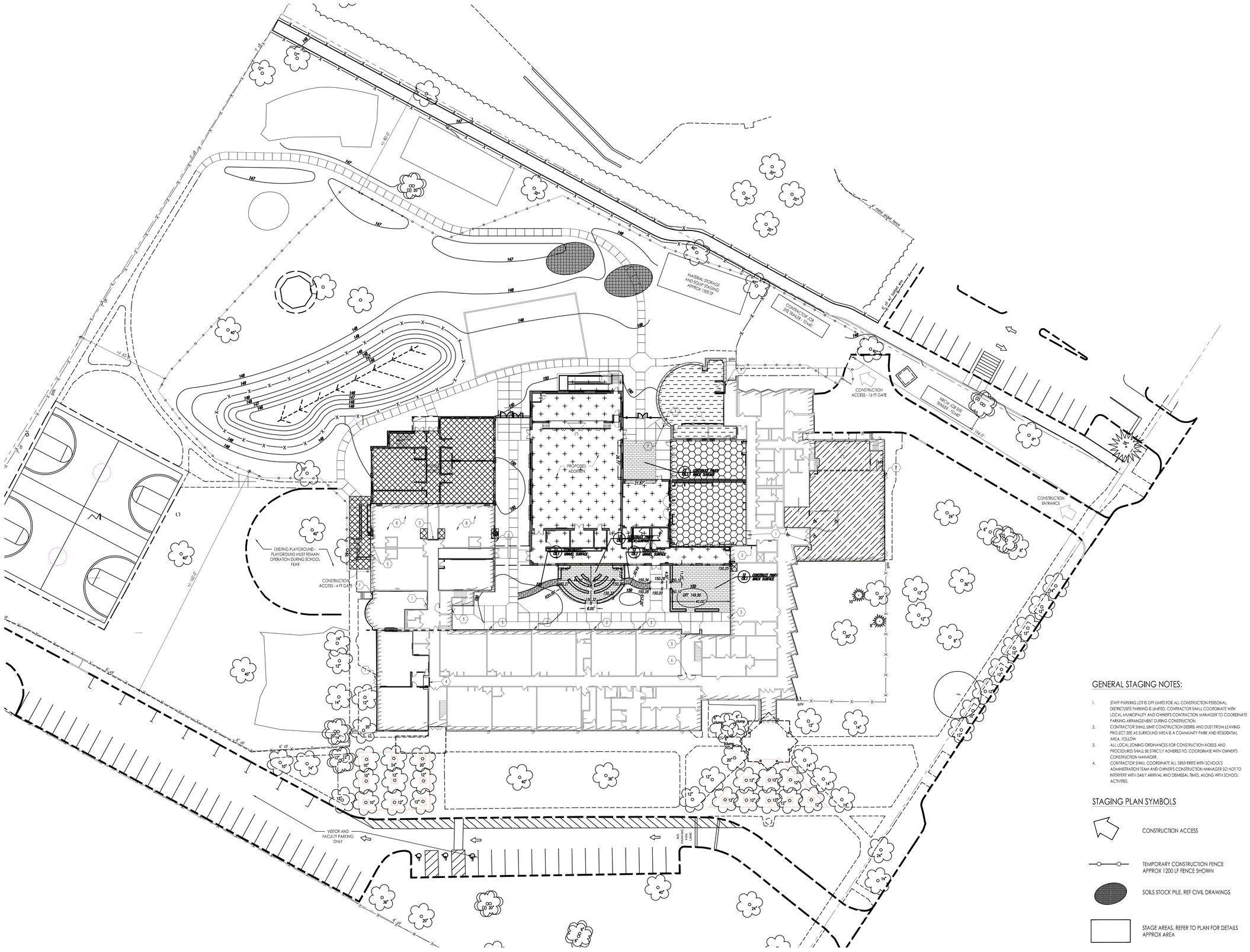
Scale
AS NOTED

Drawing Name
CODE ANALYSIS AND EGRESS PLAN

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.21.25	NJ DCA RESPONSES

Drawing Number
A001



1 SITE ACCESS AND STAGING PLAN
3/64" = 1'-0"

GENERAL STAGING NOTES:

1. STAFF PARKING LOT IS OFF LIMITS FOR ALL CONSTRUCTION PERSONAL. DISTRICT/SITE PARKING IS LIMITED. CONTRACTOR SHALL COORDINATE WITH LOCAL MUNICIPALITY AND OWNER'S CONTRACTION MANAGER TO COORDINATE PARKING ARRANGEMENT DURING CONSTRUCTION.
2. CONTRACTOR SHALL LIMIT CONSTRUCTION DEBRIS AND DUST FROM LEAVING PROJECT SITE AS SURROUND AREA IS A COMMUNITY PARK AND RESIDENTIAL AREA. FOLLOW
3. ALL LOCAL ZONING ORDINANCES FOR CONSTRUCTION NOISES AND PROCEDURES SHALL BE STRICTLY ADHERED TO. COORDINATE WITH OWNER'S CONSTRUCTION MANAGER.
4. CONTRACTOR SHALL COORDINATE ALL DELIVERIES WITH SCHOOL'S ADMINISTRATION TEAM AND OWNER'S CONSTRUCTION MANAGER SO NOT TO INTERFERE WITH DAILY ARRIVAL AND DISMISSAL TIMES, ALONG WITH SCHOOL ACTIVITIES.

STAGING PLAN SYMBOLS

- CONSTRUCTION ACCESS
- TEMPORARY CONSTRUCTION FENCE APPROX 1200 LF FENCE SHOWN
- SOILS STOCK PILE, REF CIVIL DRAWINGS
- STAGE AREAS, REFER TO PLAN FOR DETAILS APPROX AREA

PHASING LEGEND:

- ADDITION A1: GYMNASIUM ADDITION — MAR 2026 - AUG 2027
- ADDITION A2: TWO-STORY ADDITION — MAR 2026 - DEC 2027
- RENOVATION R1: CAFETERIA, KITCHEN/SERVING — JUN 2027* - AUG 2027
- RENOVATION R2: LIBRARY & MUSIC ROOMS — JUN 2027* - DEC 2027
- RENOVATION R3: FORMER LIBRARY CONVERSION — JAN 2028** - AUG 2028

NOTE:
* POTENTIAL EARLY START AND ASSUMES COMPLETION OF ADDITION A1

** ISOLATE AREA FROM INTERIOR AND FEED FROM EXIT AND ASSUMES COMPLETION OF RENOVATION R2

NJDCA Electronic Release Stamp

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Date
Architect

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Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number	5516C
Project Date	10.10.2025
Checked By	GRD
Drawn By	BMP
Scale	AS NOTED

Drawing Name
SITE ACCESS AND STAGING PLAN

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A002A

BASE BID

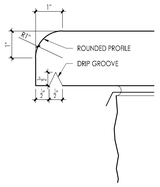
- PAVED SIDEWALKS IN COURTYARD
- PAVED SIDEWALKS IN FLEX COURTYARD
- SECURITY FENCES AND FENCE EGRESS GATES
- LED BOLLARDS ALONG SIDEWALKS
- OVERHEAD CANOPIES AT DOORS

ALT BID #CP-1

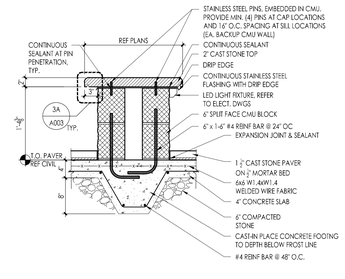
- PLAY PANEL SIDEWALK ALCOVES, SEE 6/A003
- OUTDOOR CLASSROOM AND ADJACENT LANDSCAPING
- GRAVEL PATHWAYS TO OUTDOOR CLASSROOM
- PAVER SECTION OF FLEX COURTYARD
- COURTYARD PAVERS AND BUILT-IN BENCHES ADJACENT TO ART ROOM

NOT IN CONTRACT

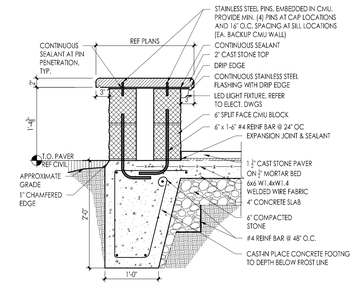
- FREE STANDING OUTDOOR PLAY EQUIPMENT, SEE 6/A003
- SAIL SHADE OVER OUTDOOR CLASSROOM



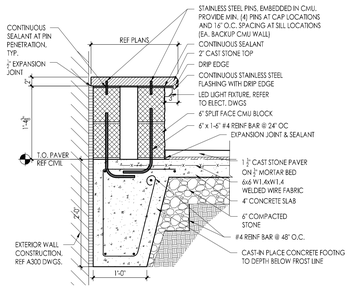
3A TYPICAL BENCH TOP EDGE DETAIL
6" = 1'-0"



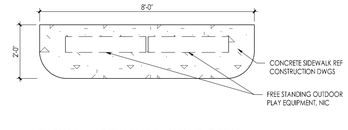
3 TYPICAL CENTER BENCH DETAIL
1" = 1'-0"



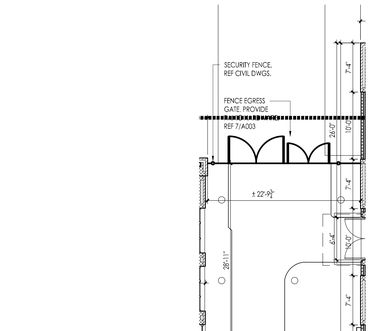
4 TYPICAL BUILT-IN BENCH AT SLAB EDGE
1" = 1'-0"

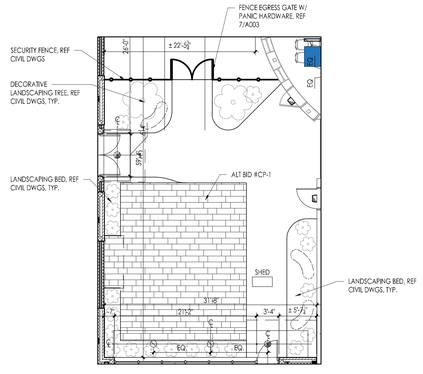


5 TYPICAL BUILT-IN BENCH AT WALL
1" = 1'-0"

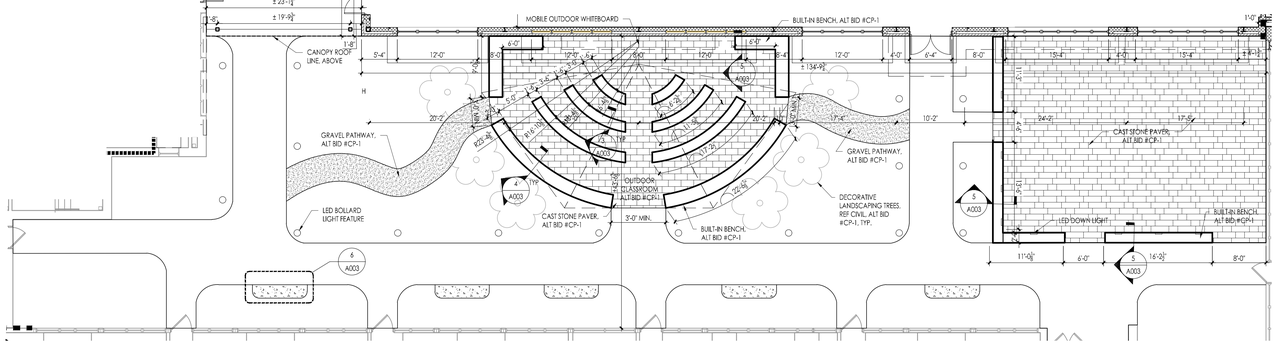


6 TYPICAL SIDEWALK ALCOVE DETAIL (ALT BID #CP-1)
1/2" = 1'-0"

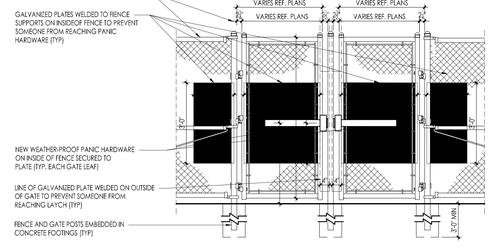




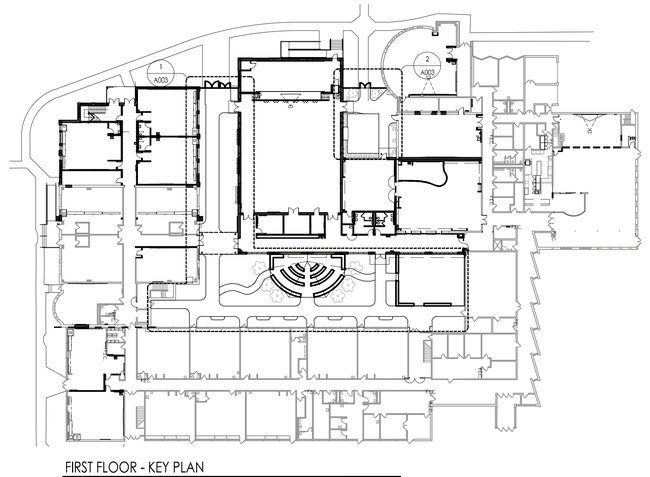
2 ENLARGED FLEX COURTYARD PLAN (ALT BID #CP-1)
1/8" = 1'-0"



1 ENLARGED COURTYARD PLAN W/ OUTDOOR CLASSROOM (ALT BID #CP-1)
1/8" = 1'-0"



7 ENLARGED FLEX COURTYARD PLAN
1/2" = 1'-0"



FIRST FLOOR - KEY PLAN
1/32" = 1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE P. DUTHIE JR., AIA, PP
NJ - 21A01719100
JASON J. LISOWITCH, AIA
NJ - 21A01715600 | PA - RA414290
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21A02031100 | PA - RA414585
10/10/25
Date
Architect
FVHD
Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

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Addition and Renovations to Community Park Elementary School

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372 Witherspoon St, Princeton, NJ 08542

Project Number
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Project Date
09.28.2025

Checked By
GRD

Drawn By
BMP

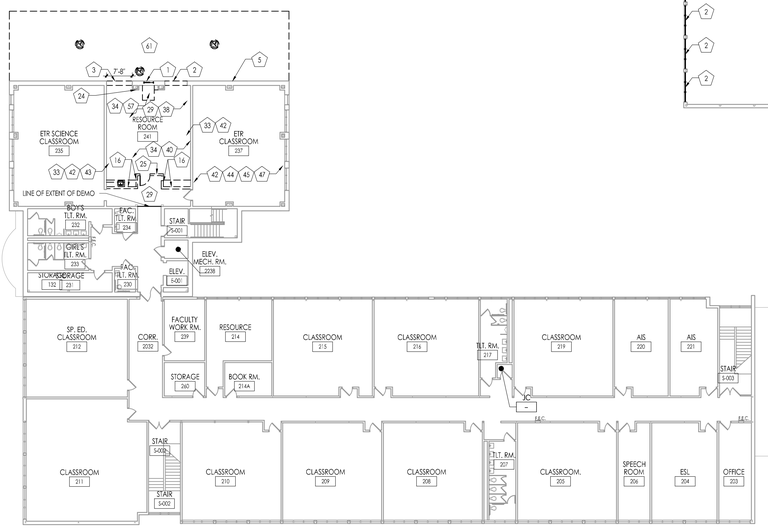
Scale
AS NOTED

Drawing Name
ARCHITECTURAL SITE PLANS AND DETAILS

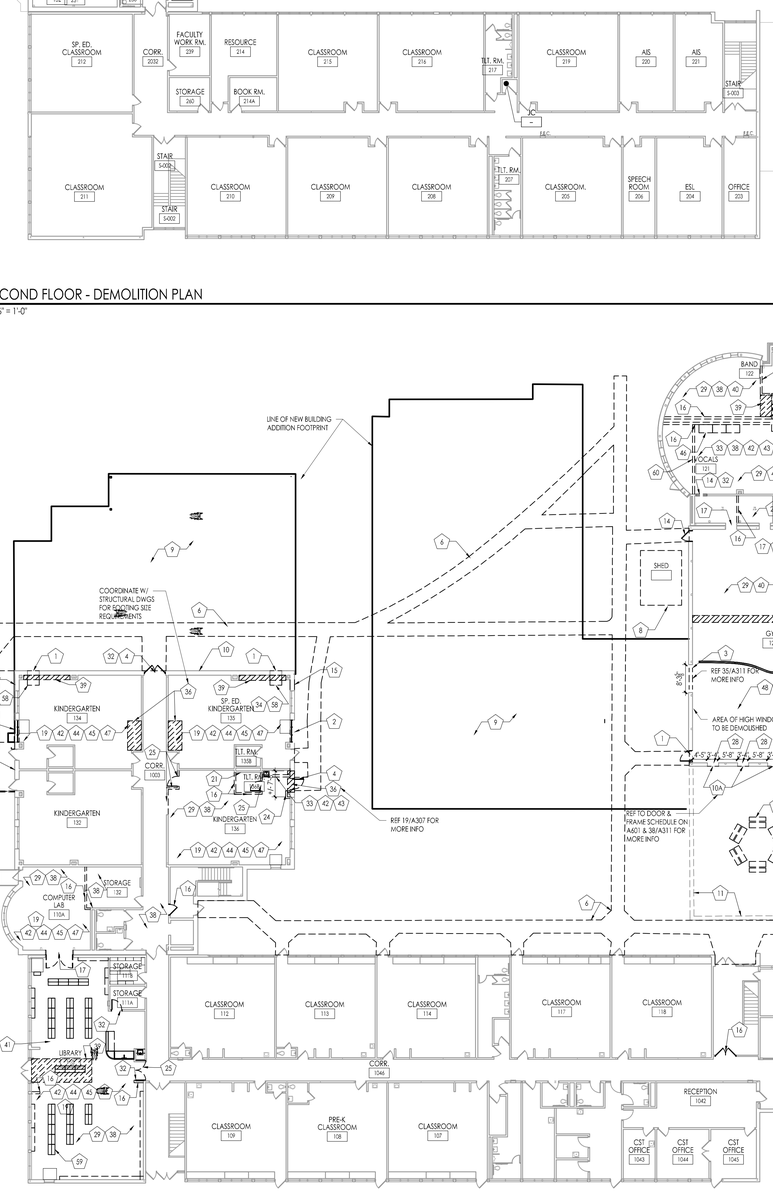
Revisions

No.	Date	Description
	xx.xx.25	NJ DCA SUBMISSION

Drawing Number
A003



1 SECOND FLOOR - DEMOLITION PLAN
1/16" = 1'-0"



2 FIRST FLOOR - DEMOLITION PLAN
1/16" = 1'-0"

GENERAL NOTES ON DEMOLITION:

A. ALL CONTRACTORS ARE ADVISED TO VISIT THE SITE AND VERIFY ALL AREAS AND CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES AND/OR OMISSIONS IN WRITING AT LEAST SEVEN DAYS PRIOR TO THE RECEIPT OF BIDS. FAILURE TO SO NOTIFY THE ARCHITECT INDICATES THAT ANY ADDITIONAL COSTS ASSOCIATED WITH THE DISCREPANCIES AND / OR OMISSIONS ARE INCLUDED IN THE CONTRACTOR'S BID AND THAT NO CHANGE TO THE CONTRACT AMOUNT WILL BE MADE AFTER THE RECEIPT OF BIDS OR THE AWARD OF CONTRACTS.

B. ALL PLUMBING, MECHANICAL OR ELECTRICAL DISCONNECTS SHALL BE MADE BY THE RESPECTIVE TRADE SUBCONTRACTOR. ALL EQUIPMENT, DEVICES, FIXTURES, ETC. SHALL BE REMOVED FROM THE SITE BY THE RESPECTIVE SUBCONTRACTOR. NOTE: THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DIMINISHED NOR SHALL EXISTING FIRE ALARM DEVICES BE REMOVED UNTIL NEW DEVICES ARE READY FOR SWITCHOVER.

C. UNLESS NOTED OTHERWISE ALL DEMOLITION MATERIAL SHALL BE REMOVED OFF SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

D. THERE ARE SOME SPECIFIC ITEMS DESIGNATED BY THE ARCHITECT FOR SALVAGE. THESE ITEMS ARE INTENDED FOR REUSE IN THE NEW CONSTRUCTION. THE CONTRACTOR MUST TAKE CARE IN THE REMOVAL AND STORAGE OF THESE ITEMS UNTIL THEY ARE NEEDED IN THE NEW CONSTRUCTION.

E. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT PORTIONS OF THE EXISTING CONSTRUCTION WHICH ARE ADJACENT TO AREAS TO BE DEMOLISHED. MAKE ALL CUTS AS NEATLY AS POSSIBLE. REFER TO FLOOR PLAN DRAWINGS FOR FINISHING OF THESE AREAS.

F. IF NOT OTHERWISE NOTED OR DETAILED, ALL SURFACES LEFT ROUGH OR UNFINISHED BY DEMOLITION AND WHICH ARE EXPOSED TO VIEW, SHALL BE PATCHED TO MATCH ADJACENT SURFACES AND FINISHED TO PROVIDE A UNIFORM APPEARANCE WITH REGARD TO SIZE, SHAPE, COLOR, TEXTURE AND MATERIAL.

G. THE CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER TO CONTAIN DUST AND DIRT AROUND THE DEMOLITION AREA AND SHALL MAKE EVERY EFFORT TO KEEP THE DEMOLITION SITE AND SURROUNDING AREAS AS CLEAN AS POSSIBLE. ALL TEMPORARY PARTITIONS SHALL BE 1 HOUR RATED CONSTRUCTION AND INCLUDE A DOOR.

H. NO DEMOLITION SHALL BEGIN UNTIL PROPER PROTECTION IS IN PLACE AND APPROVED BY ARCHITECT & OWNER TO ENSURE THE SAFETY OF THE PUBLIC, THE BUILDING OCCUPANTS, CONSTRUCTION WORKERS AND TO CONTAIN DUST AND DIRT WITHIN THE AREA OF DEMOLITION.

I. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REGARDING THE REMOVAL AND DISPOSAL OF ALL MATERIALS & EQUIPMENT.

J. THE CONTRACTOR SHALL PROVIDE PROTECTION AGAINST INCLEMENT WEATHER FOR THE EXISTING BUILDING DURING THE INTERIM PERIOD BETWEEN DEMOLITION AND THE COMPLETION OF NEW CONSTRUCTION.

K. THE CONTRACTORS SHALL TAKE INTO ACCOUNT THEIR METHODS OF CONSTRUCTION FOR THE NEW WORK AND INCLUDE IN THEIR BID THE COST OF ADDITIONAL DEMOLITION WORK NECESSARY TO FACILITATE THE CONSTRUCTION. THIS WORK INCLUDES, BUT IS NOT LIMITED TO THE PARTIAL DEMOLITION OF WALLS AT THE POINTS WHERE NEW STEEL CONNECTS TO EXISTING BEAMS OR COLUMNS. THE AREA AROUND JOINTS BETWEEN NEW AND EXISTING CONSTRUCTION IN WALLS, FLOORS AND CEILINGS. AREAS OF SIDEWALK AND PAVING, ETC. MUCH OF THIS WORK IS INDICATED IN SECTIONS AND DETAILS RELATING TO THE NEW CONSTRUCTION.

L. THE DEMOLITION WORK SHOWN ON THIS PLAN IS INTENDED TO BE A GENERAL OVERVIEW OF MAJOR DEMOLITION WORK REQUIRED. IT IS NOT A COMPLETE AND EXCLUSIVE REPRESENTATION OF ALL DEMOLITION WORK NEEDED FOR EXECUTION OF THE PROJECT. WHEN PREPARING THEIR BIDS, CONTRACTORS MUST REFER TO THE FULL SET OF CONSTRUCTION DOCUMENTS FOR VARIOUS MISCELLANEOUS ITEMS WHICH MUST BE REMOVED AND/OR RELOCATED AS PART OF THE WORK.

M. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN CUTTING AND PATCHING -SEE SPECIFICATION.

N. THE CONTRACTOR SHALL INSPECT ALL EXISTING ROOF DRAIN PIPING AND CONNECTIONS IN THE WORK AREA TO DETERMINE THAT PROPER 'LEAK-PROOF' CONNECTIONS EXIST. IF ANY LEAKS EXIST (IE. DAMAGED PIPES, INSULATION, CLOGS, ETC.), THEN THE CONTRACTOR SHALL CORRECT ANY AND ALL DEFICIENCIES THAT MAY EXIST.

O. IN ROOMS WHERE EXISTING FLOOR FINISH AND BASE ARE INDICATED TO BE REMOVED, IF ASBESTOS TILE IS ENCOUNTERED, STOP REMOVAL AND NOTIFY OWNER IMMEDIATELY. ASBESTOS TILE SHALL BE REMOVED DOWN TO THE EXISTING CONCRETE SLAB AND THE SURFACE PREPARED FOR NEW FINISH BY OTHERS PRIOR TO CONTINUING WITH RENOVATION WORK. AFTER ASBESTOS ABATEMENT, THE GENERAL CONTRACTOR SHALL CLEAN SLAB TO REMOVE ADHESIVES AND INFILL WITH SELF-DRYING FINISHING UNDERLAYMENT (COMPATIBLE WITH NEW FLOOR FINISHES) OVER ENTIRE SURFACE OF EXISTING FLOOR TO MAKE FLOOR LEVEL AND FLUSH. APPLY NEW FINISH AND BASE - SEE ROOM FINISH SCHEDULE.

P. IF DURING THE DEMOLITION, RENOVATION AND ALTERATION WORK IN THE EXISTING BUILDING, STRUCTURAL ELEMENTS ARE UNCOVERED AND ARE FOUND TO BE UNSOUND OR OTHERWISE STRUCTURALLY DEFICIENT, THE GENERAL CONTRACTOR SHALL IMMEDIATELY ADVISE THE ARCHITECT AND THE STRUCTURAL ENGINEER OF RECORD OF THE CONDITION SO THAT APPROPRIATE MEASURES TO REINFORCE, SUPPORT OR REPLACE THE UNSOUND ELEMENTS CAN BE DESIGNED AND IMPLEMENTED.

Q. CONTRACTOR SHALL MAINTAIN ALL EXISTING FIRE-RATED CONSTRUCTION ASSEMBLIES, INCLUDING PROTECTED OPENINGS (DOORS, ETC.) DURING DEMOLITION AND ALTERATION WORK IN ORDER TO MAINTAIN EXISTING LIFE SAFETY AND EGRESS. CONTRACTOR IS RESPONSIBLE FOR ALL SEQUENCING AND SHALL NOT REMOVE ANY EXISTING FIRE-RATED ASSEMBLIES UNTIL NEW WORK IS READY FOR INSTALLATION. CONTRACTOR SHALL NOT REMOVE ANY EXISTING FIRE-RATED ASSEMBLIES BEYOND THAT WHICH CAN BE REPLACED IN A SINGLE DAY.

R. FOR ALL WALLS TO BE DEMOLISHED, IF WALL PARTITIONS EXTEND BELOW EXISTING SLAB, REMOVE WALLS TO FIRST MASONRY COURSE BELOW SLAB. INFILL FLOOR SLAB W/ NEW CONCRETE TO HEIGHT THAT MATCHES EXISTING ADJACENT SURFACES. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.

DEMOLITION / RENOVATION NOTES:

X

SEE GENERAL NOTES ON DEMOLITION ON THIS DRAWING.

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

EXTERIOR/BUILDING

1. REMOVE EXISTING INDICATED DOOR AND FRAME OR LOUVER AND FRAME IN THEIR ENTIRETY, INCLUDING ALL ASSOCIATED HARDWARE (CLOSERS, STOPS, BUMPERS, ETC.). INFILL OPENING WITH NEW WALL CONSTRUCTION. SEE FLOOR PLAN AND WALL SECTIONS. SEE HVAC DRAWINGS FOR HVAC WORK REQUIRED. CONTRACTORS SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC. ALL HVAC WORK, INCLUDING DEMOLITION, PATCHING AND REPAIR, BY HVAC TRADE CONTRACTOR.
2. REMOVE EXISTING WINDOW AND FRAME IN THEIR ENTIRETY. NOTE: EXISTING STRUCTURAL COLUMNS SHALL REMAIN. INFILL OPENING WITH NEW WINDOW AND WALL CONSTRUCTION - SEE FLOOR PLAN AND WALL SECTIONS. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC.
3. BRACE AND SHORE UP EXISTING CONSTRUCTION TO REMAIN ABOVE OPENING. SAWCUT AND REMOVE EXISTING WALL CONSTRUCTION TO WIDTH INDICATED ON DEMOLITION PLAN AND TO FIRST MASONRY COURSE ABOVE 8'-0" ABOVE FLOOR. INFILL OPENING WITH NEW DOOR AND WALL CONSTRUCTION TO MATCH EXISTING AND LINTEL OF THICKNESS TO MATCH EXISTING ADJACENT WALL. SEE FLOOR PLAN AND WALL SECTION. TOOTH NEW BRICK INTO EXISTING BRICK PATTERN. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY RENOVATION TO MATCH EXISTING ADJACENT FINISH, INCLUDING TILE, PLASTER, ETC.
4. REMOVE EXISTING INDICATED DOOR AND FRAME OR LOUVER AND FRAME IN THEIR ENTIRETY, INCLUDING ALL ASSOCIATED HARDWARE (CLOSERS, STOPS, BUMPERS, ETC.). CONTRACTORS SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC. ALL HVAC WORK, INCLUDING DEMOLITION, PATCHING AND REPAIR, BY HVAC TRADE CONTRACTOR.
5. 10B. REMOVE EXISTING METAL PANELS AND BACK FRAMING, BACK TO CMU BACK WALL. PREP WALL FOR NEW FURRING.
6. DEMOLISH AND REMOVE EXISTING SIDEWALKS AND DRIVEWAYS TO THE EXTENT SHOWN. SEE CIVIL DRAWINGS FOR ADDITIONAL CIVIL WORK REQUIRED. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH, INCLUDING TILE, PLASTER, ETC.
7. SAWCUT AND DEMOLISH EXISTING CONCRETE PAD, STAIRS, AND/OR FLOOR SLAB IN ITS ENTIRETY INCLUDING FOUNDATION AND FROST CURB TO EXTENT AS INDICATED IN WALL SECTION. RE-GRADE AND RE-SEED AT EXTERIOR TO MATCH EXISTING ADJACENT GRADE. PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION TO MATCH EXISTING ADJACENT FINISH. ALL WORK BY G.C.
8. REMOVE AND RELOCATE EXISTING SHED. RE-GRADE AND RE-SEED AT EXTERIOR TO MATCH EXISTING ADJACENT GRADE.
9. UNLESS NOTED OTHERWISE ON SITE WORK DRAWINGS, ALL SITE DEMOLITION WORK IN THIS AREA SHALL BE BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL DAMAGE CAUSED BY SITE WORK DEMOLITION TO MATCH EXISTING ADJACENT FINISH. SEE SITE WORK DRAWINGS FOR ADDITIONAL INFORMATION.
10. REMOVE EXISTING BRICK AND MORTAR, TO EXTENT SHOWN ON DEMOLITION FLOOR PLANS. NEW WALL SECTIONS IN A300 SERIES DRAWINGS. PATCH AND REPAIR ALL DAMAGE TO CMU BACK WALL AND ADJACENT ASSEMBLIES AS CAUSED BY REMOVAL.
11. 10C. REMOVE EXISTING BRICK AND MORTAR, DOWN TO TOP OF EXISTING WINDOW HEAD, REFER TO NEW ELEVATIONS, A201, FOR EXTENT OF NEW CONSTRUCTION. PATCH AND REPAIR ALL DAMAGE TO CMU BACK WALL AND ADJACENT ASSEMBLIES AS CAUSED BY REMOVAL.
12. SAWCUT AND REMOVE EXISTING LOW WALL CONSTRUCTION TO EXTENT INDICATED ON DEMOLITION PLAN. SEE FLOOR PLAN FOR RENOVATED CONDITION. PATCH AND REPAIR ALL DAMAGE CAUSED BY RENOVATION. MATCH EXISTING ADJACENT FINISHES UNLESS SHOWN OTHERWISE ON PLANS. FINISH ALL NEWLY EXPOSED SURFACES TO MATCH EXISTING ADJACENT CONDITIONS.
13. REMOVE EXISTING GLAZING AND SECTION WINDOW FROM EXISTING FRAME. ALUMINUM FRAMING TO REMAIN. INFILL EXISTING OPENING W/ INSULATED ALUMINUM PANEL SO THAT METAL IS FLUSH W/ BOTH SIDES OF THE FRAME.
14. REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY. INSTALL NEW DOOR AND FRAME - SEE FLOOR PLAN AND DOOR SCHEDULE. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC.
15. REMOVE EXISTING WINDOW AND FRAME IN THEIR ENTIRETY. NOTE: EXISTING STRUCTURAL COLUMNS SHALL REMAIN. INFILL OPENING WITH NEW WALL CONSTRUCTION - SEE FLOOR PLAN AND WALL SECTIONS. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC.

WALLS

16. BRACE AND SHORE UP EXISTING ADJACENT WALL CONSTRUCTION TO REMAIN. DEMOLISH AND REMOVE INDICATED EXISTING WALLS IN THEIR ENTIRETY FULL HEIGHT. NOTE: ALL EXISTING STRUCTURAL COLUMNS SHALL REMAIN. PATCH ADJACENT FLOOR TO SUIT NEW CONDITIONS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
17. 13-REMOVE EXISTING DOOR AND FRAME OR WINDOW AND FRAME IN THEIR ENTIRETY, INCLUDING ALL ASSOCIATED HARDWARE (CLOSERS, STOPS, BUMPERS, ETC.). PATCH AND REPAIR ALL DAMAGE CAUSE BY REMOVAL. INFILL OPENING WITH NEW WALL CONSTRUCTION - SEE FLOOR PLAN AND WALL SECTIONS. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, FLOORING, BASE, ETC.
18. BRACE AND SHORE UP EXISTING CONSTRUCTION TO REMAIN ABOVE OPENING. SAWCUT AND REMOVE EXISTING WALL CONSTRUCTION TO WIDTH INDICATED ON DEMOLITION PLAN AND TO FIRST MASONRY COURSE 8" ABOVE NEW DOOR HEAD HEIGHT. INFILL OPENING WITH NEW DOOR AND FRAME CONSTRUCTION AND LINTEL OF THICKNESS TO MATCH EXISTING ADJACENT WALL. NEW CMU SHALL BE TOOTHED INTO EXISTING ADJACENT CMU. CONSTRUCT WITH 1 HOUR RATED CONSTRUCTION (UL DES U905 OR U906) AT ALL CORRIDOR WALLS. SEE FLOOR PLAN AND DOOR SCHEDULE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY RENOVATION TO MATCH EXISTING ADJACENT FINISH, INCLUDING BRICK, TILE, BASE, ETC. UNLESS SHOWN OTHERWISE ON PLANS.
19. CLEAN AND PREPARE EXISTING WALLS TO RECEIVE NEW FINISH WITH THE EXCEPTION OF EXISTING CERAMIC TILE AND/OR BRICK TO REMAIN. SEE ROOM FINISH SCHEDULE FOR NEW FINISH.
20. REMOVE EXISTING DOOR, PATCH, PLUG AND FILL ALL OPENINGS IN FRAME. DOOR, ADJACENT WALL, ETC. DUE TO DEMOLITION AND NEW CONSTRUCTION TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE TO RECEIVE NEW FINISHES. SEE ROOM FINISH SCHEDULE. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH. IF EXISTING FRAME IS TO RECEIVE A NEW DOOR, REPAIR AND PREPARE EXISTING FRAME TO ACCEPT NEW DOOR AND HARDWARE. SEE DOOR SCHEDULE. SCRAPE, CLEAN, PRIME, AND PAINT EXISTING FRAME. SEE SPECIFICATIONS.

    ON EXISTING WALLS TO REMAIN, REMOVE WALL FINISH (TILE, PANELING, WALL PAPER, ACOUSTIC PANELS, ETC., BUT NOT PLASTER) IN ITS ENTIRETY DOWN TO SUBSTRATE. CLEAN AND PREPARE WALL TO RECEIVE NEW FINISH. SEE ROOM FINISH SCHEDULE FOR NEW FINISH.
21. NOT USED
22. NOT USED
23. DEMOLISH AND REMOVE EXISTING INTERIOR COLUMN WRAPPING WALLS IN THEIR ENTIRETY. NOTE: ALL EXISTING STRUCTURAL COLUMNS AND EXISTING VAULT WALLS AND DOORS SHALL REMAIN. SEE DEMOLITION NOTE #49 FOR WORK AT EXISTING LOAD BEARING WALLS. PATCH ADJACENT FLOOR SLAB TO SUIT NEW CONDITIONS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL.
24. SAWCUT AND DEMOLISH EXISTING WALL CONSTRUCTION TO WIDTH INDICATED ON DEMOLITION PLAN AND FROM FLOOR TO STRUCTURE ABOVE IN THEIR ENTIRETY FULL HEIGHT INCLUDING ASSOCIATED DOORS, VISION PANELS AND FRAMES. NOTE: EXISTING STRUCTURAL COLUMNS SHALL REMAIN UNLESS NOTED OTHERWISE. PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION TO MATCH EXISTING ADJACENT FINISH.
25. BRACE AND SHORE UP EXISTING CONSTRUCTION TO REMAIN ABOVE OPENING. SAWCUT AND REMOVE EXISTING WALL CONSTRUCTION TO WIDTH INDICATED ON DEMOLITION PLAN AND TO HEIGHT ABOVE FLOOR SUCH THAT THE NEW FRAME MATCHES THE HEIGHT OF EXISTING ADJACENT FRAMES. FRAME OPENING WITH NEW METAL STUDS. INFILL OPENING WITH NEW DOOR AND FRAME OF THICKNESS TO WRAP EXISTING ADJACENT WALL. SEE FLOOR PLAN AND DOOR SCHEDULE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY RENOVATION TO MATCH EXISTING ADJACENT MATERIAL.
26. BRACE AND SHORE UP EXISTING ADJACENT WALL AND ROOF CONSTRUCTION TO REMAIN. SAWCUT AND REMOVE EXISTING WALL CONSTRUCTION TO WIDTH INDICATED ON DEMOLITION PLAN AND FROM FLOOR TO 10'-8" ABOVE FLOOR. INSTALL NEW LINTEL. SEE WALL SECTION 40/A312.
27. BRACE AND SHORE UP EXISTING ADJACENT WALL AND ROOF CONSTRUCTION TO REMAIN. SAWCUT AND REMOVE EXISTING WALL CONSTRUCTION TO WIDTH INDICATED ON DEMOLITION PLAN AND FROM 4'-8" ABOVE THE EXISTING FLOOR TO HEIGHT REQUIRED FOR NEW BORROWED LIGHT. INFILL OPENING WITH NEW FRAMES, WALL CONSTRUCTION AND STEEL ROOF BEAM. SEE FLOOR PLAN. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH, edit for new high colored windows

FLOORS

28. REMOVE EXISTING BASE. REMOVE FLOOR FINISH DOWN TO CONCRETE SLAB, INCLUDING ALL ADHESIVES. CLEAN, PREPARE & LEVEL EXISTING FLOOR SLAB WITH SELF-LEVELING UNDERLAYMENT (COMPATIBLE WITH NEW FLOOR FINISHES) OVER ENTIRE SURFACE OF EXISTING FLOOR TO MAKE FLOOR LEVEL AND FLUSH. INSTALL NEW FLOOR FINISH AND BASE. SEE ROOM FINISH SCHEDULE AND SPECIFICATION SECTION -345-.
29. SAWCUT EXISTING PLYWOOD FLOOR CONSTRUCTION DOWN TO CONCRETE FLOOR BELOW. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES.
30. NOT USED
31. ATCH AND REPAIR ALL DAMAGE AND/OR FLOOR CAVITY RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING DOOR, FRAME AND HARDWARE. MATCH EXISTING ADJACENT FINISH.
32. AT INDICATED LOCATIONS, REMOVE EXISTING BASE IN ITS ENTIRETY. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH. REPLACE AREAS OF MISSING AND REMOVED BASE WITH NEW BASE TO EXTENT INDICATED ON DEMOLITION PLAN. SEE ROOM FINISH SCHEDULE.
33. PATCH AND REPAIR ALL DAMAGE, ESPECIALLY FLOOR DAMAGE, RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING UNIT VENTILATOR AND ASSOCIATED CASEWORK AND APPURTENANCES. MATCH EXISTING ADJACENT FINISH. SEE ROOM FINISH SCHEDULE.
34. PATCH AND REPAIR ALL DAMAGE, ESPECIALLY FLOOR DAMAGE, RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING STAGE AND STAIRS. MATCH EXISTING ADJACENT FINISH. SEE ROOM FINISH SCHEDULE.
35. SAWCUT EXISTING CONCRETE SLAB TO EXTENT SHOWN ON DEMO PLANS. REMOVE EXISTING SLAB AND PREP FOR NEW WORK. REFER TO A300 SERIES AND STRUCTURAL DWGS. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
36. NOT USED

CEILINGS

37. REMOVE EXISTING CEILING CONSTRUCTION IN ITS ENTIRETY. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, ETC. TO RESTORE A UNIFORM, FLUSH, CONTINUOUS SURFACE TO RECEIVE NEW FINISHES - SEE ROOM FINISH SCHEDULE. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISH. ALL PLUMBING / HVAC / ELECTRICAL WORK, INCLUDING DEMOLITION, PATCHING AND REPAIR, BY RESPECTIVE TRADE CONTRACTOR.
38. DEMOLISH AND REMOVE EXISTING SOFFIT IN ITS ENTIRETY, INCLUDING ALL SUB-FRAMING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
39. CLEAN AND PREPARE EXISTING STRUCTURE, DECK, ETC. TO REMAIN TO RECEIVE NEW FINISH. SEE ROOM FINISH SCHEDULE FOR NEW FINISH.
40. CLEAN AND PREPARE EXISTING GYPSUM BOARD/PLASTER CEILING TO REMAIN TO RECEIVE NEW FINISH. SEE ROOM FINISH SCHEDULE FOR NEW FINISH.

    EQUIPMENT

41. REMOVE EXISTING CABINETS, EQUIPMENT, APPLIANCES, LOCKERS, CURTAINS, TOILET PARTITIONS, MIRRORS, BENCHES, SHELVES, ACOUSTIC WALL PANELS, GUARDRAILS, AND/OR HANDRAILS IN THEIR ENTIRETY. SEE GENERAL NOTE. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, FLOOR, ETC. TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISHES.
42. 38. REMOVE EXISTING TOILET ACCESSORIES (SOAP DISPENSERS, PAPER TOWEL DISPENSERS, ETC.) IN THEIR ENTIRETY. SEE GENERAL NOTE. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, ETC. TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE TO RECEIVE NEW FINISHES. SEE ROOM FINISH SCHEDULE. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
43. REMOVE AND STORE EXISTING INTERACTIVE BOARDS AND ALL APPURTENANCES, AFTER RENOVATIONS COMPLETE. REINSTALL IN NEW LOCATIONS AS SHOWN ON ROOM LAYOUTS.
44. REMOVE EXISTING DRY MARKER BOARDS, CHALKBOARDS, EXHIBITION BOARDS, AND MIRRORS IN THEIR ENTIRETY. IF WALL IS TO REMAIN, PATCH SUBSTRATE UP TO A MAXIMUM DEPTH OF 4" BEHIND REMOVED ITEMS TO PROVIDE A UNIFORM, FLUSH, CONTINUOUS SURFACE TO RECEIVE NEW FINISHES. SEE ROOM FINISH SCHEDULE. PATCH AND REPAIR ALL DAMAGE CAUSED BY RENOVATION. MATCH EXISTING ADJACENT FINISH.
45. REMOVE AND STORE INDICATED EXISTING CABINETS. AFTER RENOVATIONS IS COMPLETE RE-INSTALL CABINETS IN NEW LOCATION INDICATED ON ROOM LAYOUTS. INSTALL NEW FINISHED FILLERS AND END PANELS AS REQUIRED.
46. DEMOLISH AND REMOVE EXISTING TACK STRIPS IN THEIR ENTIRETY INCLUDING MECHANICAL FASTENERS. PATCH, PLUG, FILL AND REFINISH ALL OPENINGS LEFT IN WALL AFTER REMOVAL, INCLUDING THOSE FROM TACK STRIPS PREVIOUSLY REMOVED. RESTORE TO A FINISHED LEVEL PLUMB CONDITION TO MATCH EXISTING ADJACENT SURFACE FINISHES.

MISCELLANEOUS

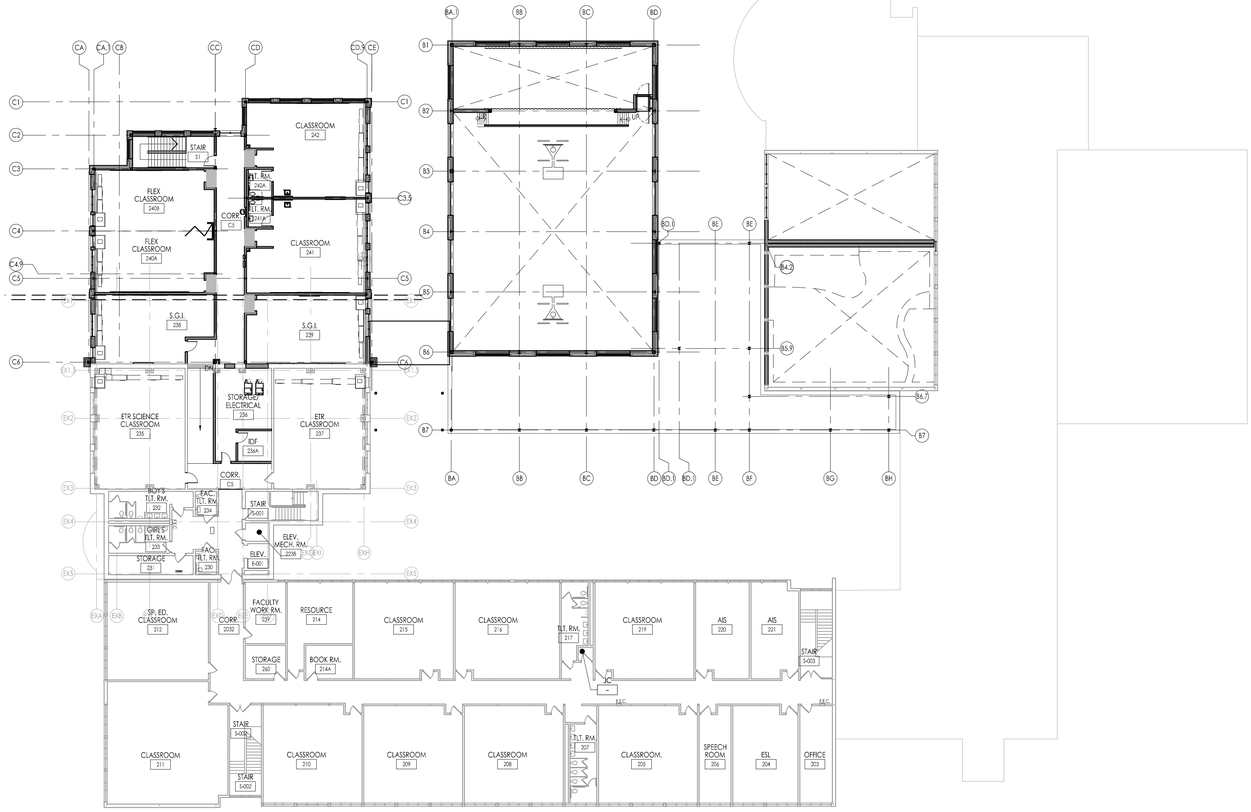
47. REMOVE EXISTING ATHLETIC WALL PADS, BASKETBALL BACKSTOPS AND ALL APPURTENANCES IN THEIR ENTIRETY. SEE GENERAL NOTE. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, FLOOR, ETC. TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
48. REMOVE AND STORE EXISTING SCOREBOARD, PROTECTIVE NETTING AND ALL APPURTENANCES. REMOVE EXISTING ELECTRONIC SCOREBOARD AND ALL APPURTENANCES IN THEIR ENTIRETY. SEE GENERAL NOTE. PATCH, PLUG AND FILL ALL OPENINGS IN WALL TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH. ELECTRICAL DISCONNECTION FROM EXISTING ELECTRICAL DATA SYSTEMS SHALL BE PERFORMED BY THE ELECTRICAL TRADE CONTRACTOR. SEE ELECTRICAL DRAWINGS.
49. NOT USED
50. REMOVE DIGITRON HARDWARE IN IT ENTIRETY. REPAIR ALL DAMAGE TO EXISTING DOOR AND FRAME CAUSED BY REMOVAL. PREPARE DOOR FOR NEW HARWARE SETS. REFER TO DOOR SCHEDULE AND SPECIFICATIONS.
51. REMOVE EXISTING SIGNAGE. AT ALL LOCATIONS OF SIGN FASTENERS, REMOVE ANY EXISTING BRICK AND MORTAR THAT IS NOT SOUND AND INTACT AND REPLACE WITH NEW BRICK AND MORTAR TO MATCH EXISTING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL.
52. REMOVE EXISTING WHEELCHAIR LIFT IN ITS ENTIRETY. SEE GENERAL NOTE. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, FLOOR, ETC. TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
53. REMOVE EXISTING STAGE, STAIRS, RIGGING, CURTAINS, AND STAGE LIGHTING IN THEIR ENTIRETY. SEE GENERAL NOTE. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, FLOOR, ETC. TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISHES.
54. REMOVE EXISTING FLOOR MOUNTED PICNIC TABLES IN THEIR ENTIRETY. SEE GENERAL NOTE.
55. REMOVE EXISTING SERVICE LINE DOORS AND RELATED MECHANICAL EQUIPMENT. INFILL OPENING WITH NEW FRAME CONSTRUCTION AND LINTEL OF THICKNESS TO MATCH EXISTING ADJACENT WALL. NEW CMU SHALL BE TOOTHED INTO EXISTING ADJACENT CMU. PATCH, PLUG AND FILL ALL OPENINGS IN ADJACENT WALL, FLOOR, ETC. TO RESTORE TO A UNIFORM, FLUSH, CONTINUOUS SURFACE. FINISH ALL NEWLY EXPOSED SURFACES AND PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT FINISH.
56. REMOVE EXISTING UNIT VENTILATOR IN ITS EN

PLAN LEGEND

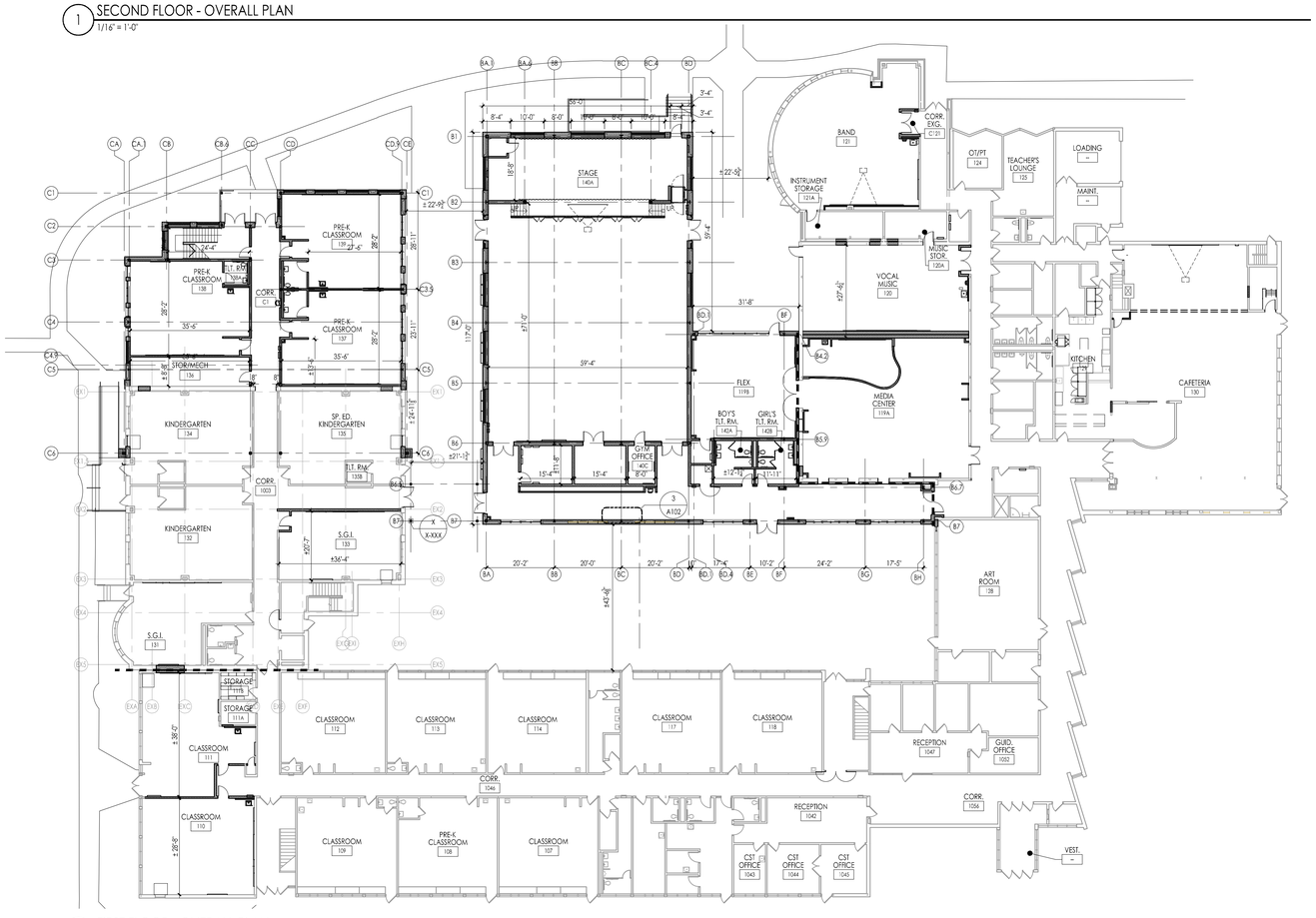
	BRICK
	NEW CMU PARTITION
	NEW GYPSUM BOARD PARTITION - MTL. STUDS (SEE FLOOR PLAN OR WALL SECTIONS FOR DEPTH) @ 16" O.C. W/ SOUND ATTENUATION BLANKET AND 5/8" GYPSUM BOARD EACH SIDE (TYP. U.N.O.)
FE-1 EX FE AED	NEW FIRE EXTINGUISHER IN SEMI-RECESSED CABINET (CMU WALL) - REF G002 FOR DETAILS EXISTING FIRE EXTINGUISHER TO REMAIN RECESSED AED CABINET (CMU WALL) - REF G002 FOR DETAILS
	NEW / EXISTING 2-HOUR RATED FIRE WALL
	NEW / EXISTING 1-HOUR RATED CORRIDOR FIRE PARTITION
	NEW FIRE RATED WALLS SHALL BE CONSTRUCTED OF CONCRETE MASONRY UNITS (CMU) PER UL DES U905 FOR 8" CMU AND THICKER AND PER UL DES U906 FOR 6" CMU. SEE FLOOR PLANS AND WALL SECTIONS FOR LOCATIONS AND ACTUAL CMU THICKNESS.

PLAN NOTES

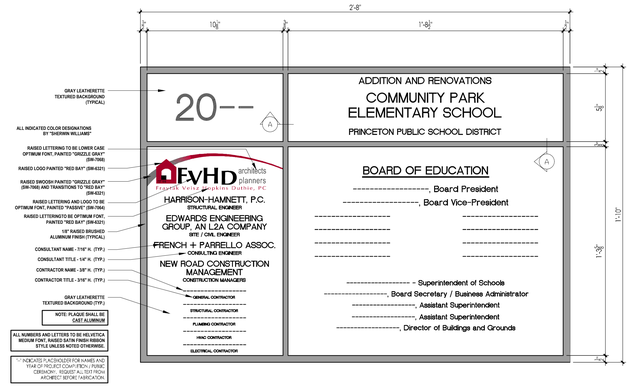
1. SEE "PROJECT GENERAL NOTES" ON DRAWING G002.
2. ALL NEW WALLS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE UNLESS NOTED OTHERWISE.
3. IN ALL LOCATIONS WHERE NEW STEEL STUD AND GYPSUM BOARD WALL CONSTRUCTION IS INDICATED, PROVIDE CONTROL JOINTS AT SPACING NOT TO EXCEED 24'-0" O.C. FINAL LOCATIONS OF CONTROL JOINTS TO BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
4. ALL EXPOSED EXTERIOR STEEL LINTELS SHALL BE PAINTED GALVANIZED STEEL.



1 SECOND FLOOR - OVERALL PLAN
1/16" = 1'-0"



2 FIRST FLOOR - OVERALL PLAN
1/16" = 1'-0"



3 COMMEMORATIVE PLAQUE
3" = 1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
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10/10/25
Date

Architect

FVHD architects planners
Frayiak Velez Hopkins Duthie P.C.

Corporate: 1515 Lower Ferry Road
Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue
Mont Clare - Pennsylvania 19453

F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

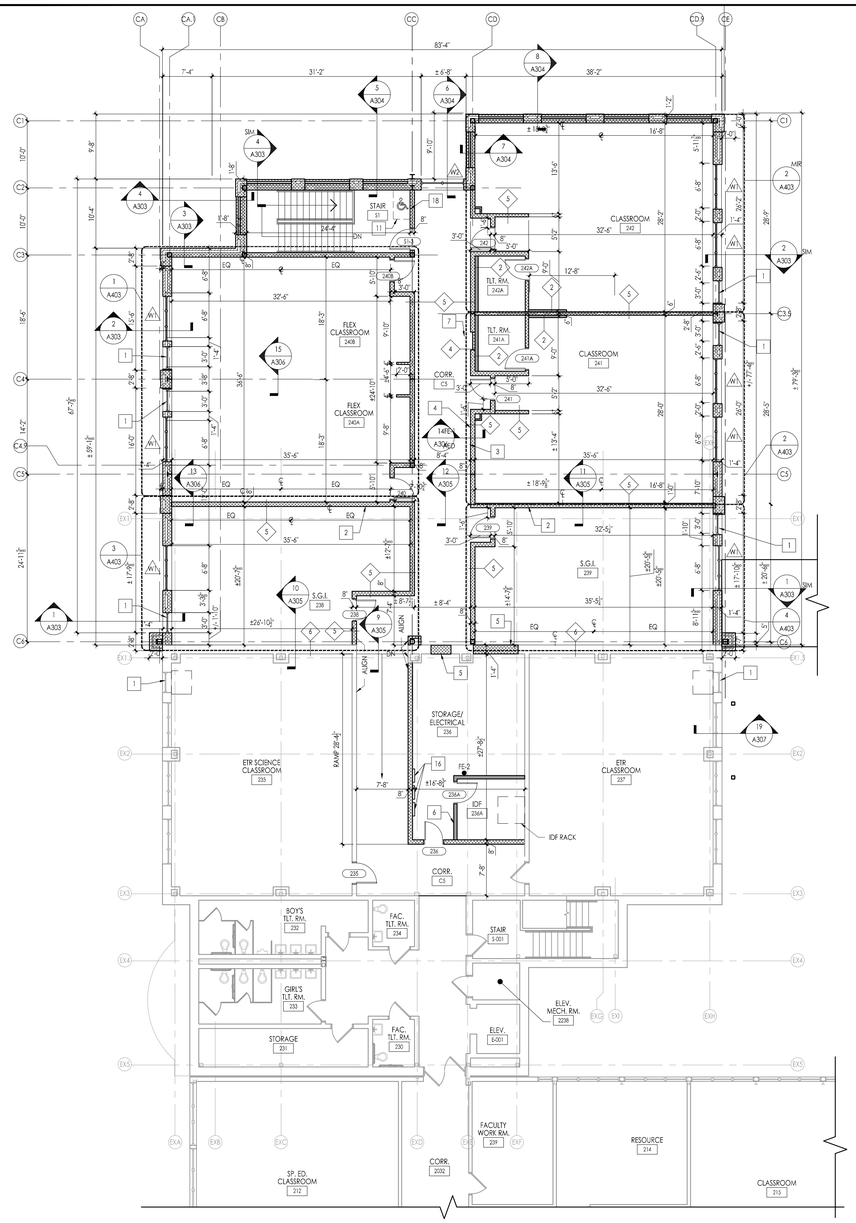
Scale
AS NOTED

Drawing Name
FIRST AND SECOND FLOOR OVERALL PLANS

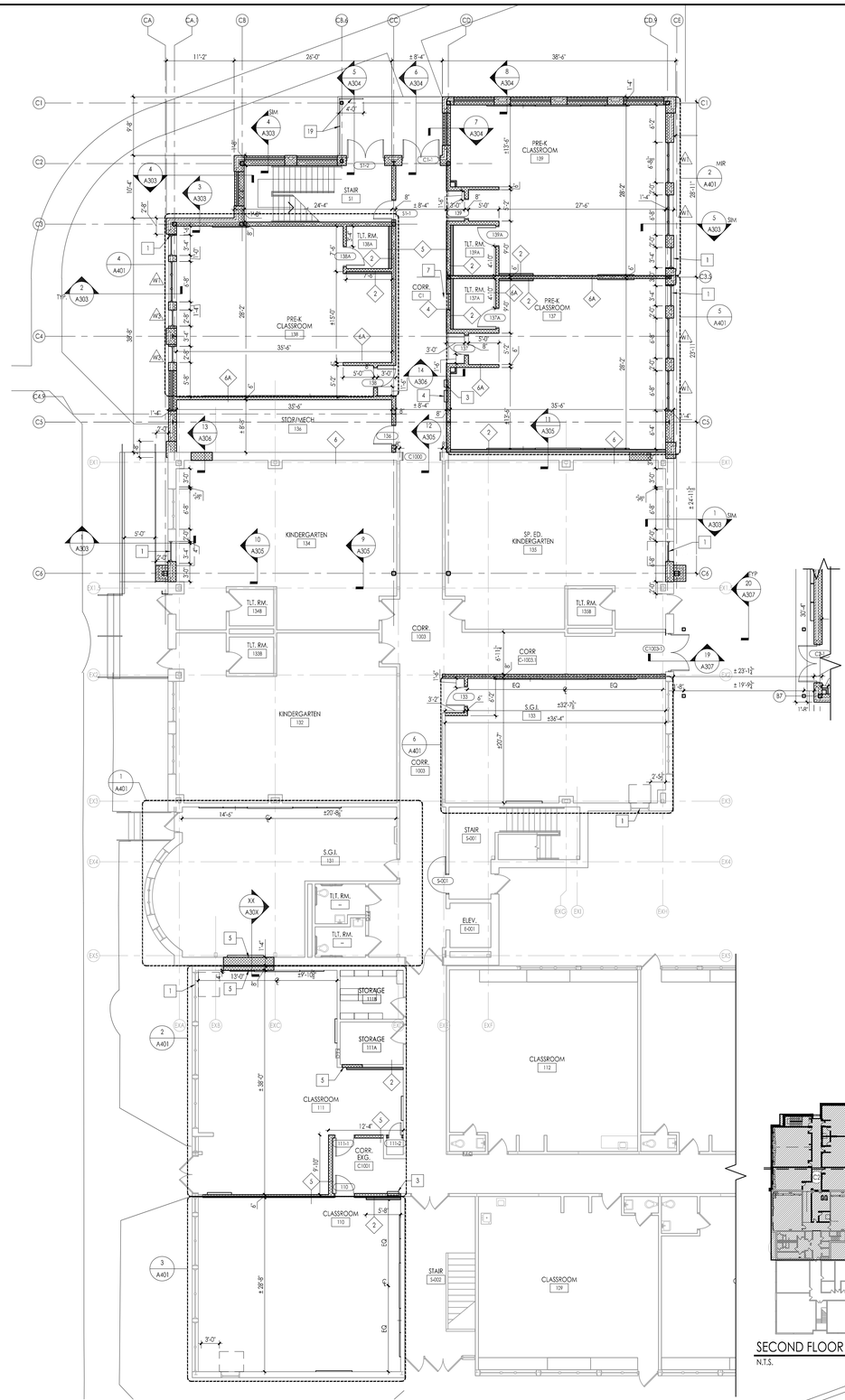
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A102



1 AREA OF WORK 'C2' - SECOND FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'C1' + 'AC' - FIRST FLOOR
1/8" = 1'-0"

PLAN LEGEND

- BRICK
- NEW CMU PARTITION
- NEW GYPSUM BOARD PARTITION - MTL. STUDS (SEE FLOOR PLAN OR WALL SECTIONS FOR DEPTH) @ 16" O.C. W/ SOUND ATTENUATION BLANKET AND 5/8" GYPSUM BOARD EACH SIDE (TYP., U.N.O.)
- FE-1, FE-2: NEW FIRE EXTINGUISHER IN SEMI-RECESSED CABINET (CMU WALL) - SEE DETAIL 7 / G002
- EX FE: EXISTING FIRE EXTINGUISHER TO REMAIN
- NEW / EXISTING 2-HOUR RATED FIRE WALL
- NEW / EXISTING 1-HOUR RATED CORRIDOR FIRE PARTITION

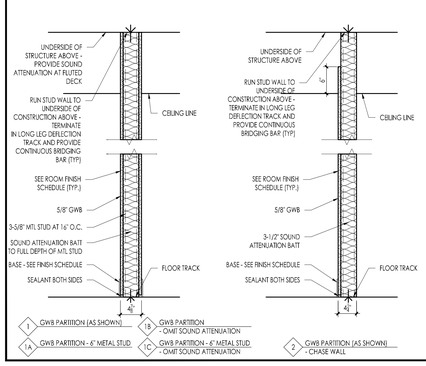
NEW FIRE RATED WALLS SHALL BE CONSTRUCTED OF CONCRETE MASONRY UNITS (CMU) PER UL DES U905 FOR 8" CMU AND THICKER AND PER UL DES U906 FOR 6" CMU. SEE FLOOR PLANS AND WALL SECTIONS FOR LOCATIONS AND ACTUAL CMU THICKNESS.

PLAN NOTES

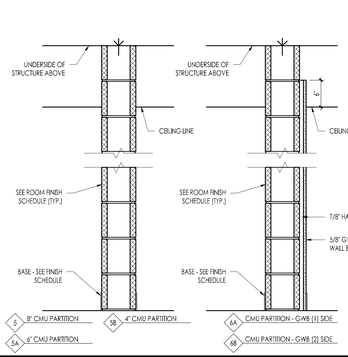
1. SEE 'PROJECT GENERAL NOTES' ON DRAWING G002.
2. ALL NEW WALLS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE UNLESS NOTED OTHERWISE.
3. IN ALL LOCATIONS WHERE NEW STEEL STUD AND GYPSUM BOARD WALL CONSTRUCTION IS INDICATED, PROVIDE CONTROL JOINTS AT SPACING NOT TO EXCEED 24'-0" O.C.. FINAL LOCATIONS OF CONTROL JOINTS TO BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
4. ALL EXPOSED EXTERIOR STEEL LINTELS SHALL BE PAINTED GALVANIZED STEEL.

FLOOR PLAN & PICTURE KEYNOTES

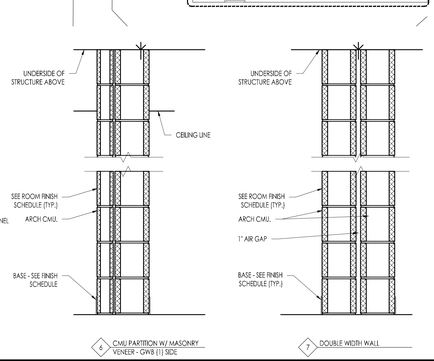
1. NEW/EXISTING MECHANICAL UNIT VENTILATOR LOUVRE. COORDINATE W/ MECHANICAL DRAWINGS.
2. LINE OF EXISTING EXTERIOR WALL BELOW.
3. RECESSED AED CABINET. REFER TO DETAILS ON G003.
4. RECESSED FIRE EXTINGUISHER CABINET. REFER TO DETAILS ON G003.
5. INFILL UNUSED OPENING IN EXISTING WALL WITH CMU BLOCK. SIZE & THICKNESS TO MATCH EXISTING. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. PROVIDE WIRELESS CARD READER. REFER TO DOOR SCHEDULE FOR HARDWARE TYPE & ELECTRICAL DRAWINGS FOR DETAILS.
7. RECESSED BOTTLE FILLING STATION. COORDINATE W/ PLUMBING DRAWINGS.
8. 9' HEIGHT GYP. WALL BOARD PARTITION W/ SOLID SURFACE WALL CAP. REFERENCE WALL PARTITION TYPES FOR DETAILS.
9. UNEXCAVATED, SLAB ON GRADE. REFER TO A300 SERIES DRAWINGS FOR DETAILS.
10. CONCRETE STAIRS & RAMP. REFER TO A500 SERIES DRAWINGS FOR DETAILS.
11. AREA OF REFUGE. PROVIDE TWO WAY COMMUNICATION. REFER TO ELEC. DRAWINGS. PROVIDE SIGN TYPE 'S'. REFER TO SIGN TYPES ON A601.
12. RECESSED FIRE HOSE CABINET. REFER TO PLUMBING DRAWINGS FOR DETAILS.
13. COMMEMORATIVE PLAQUE. REFER TO DETAIL 3/A102.
14. SHIPS LADDER. REFER TO 47/A312 AND SPECIFICATIONS.
15. STEEL GUARD RAILING SYSTEM. REFER TO 16/A505.
16. ELECTRICAL/MECHANICAL PANELS. REFER TO ELEC./MECH. DRAWINGS.
17. PROVIDE SIGN TYPE #2 AT BARRIER-FREE TOILET COMPARTMENTS. REFER TO SIGN TYPES ON A601.
18. PROVIDE SIGN TYPE #27 INSIDE OF STAIRWELL AT AREA OF REFUGE LOCATIONS. REFER TO SIGN TYPES ON A601.
19. ALUMINUM GUARD RAILING SYSTEM, REFER TO 5/A304.



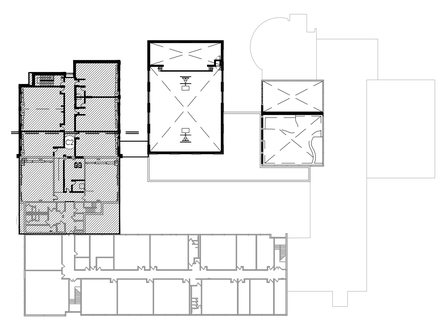
1 GWB PARTITION (AS SHOWN)
1A GWB PARTITION - 6" METAL STUD
1B GWB PARTITION - OMIT SOUND ATTENUATION
1C GWB PARTITION - 6" METAL STUD - OMIT SOUND ATTENUATION
2 GWB PARTITION (AS SHOWN) - CHASE WALL
3 NOT USED
4 NOT USED



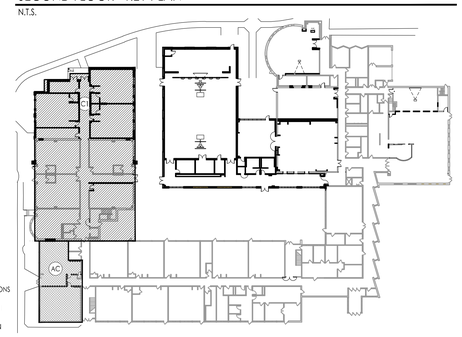
5 8" CMU PARTITION
5A 6" CMU PARTITION
5B 4" CMU PARTITION
6A CMU PARTITION - GWB (1) SIDE
6B CMU PARTITION - GWB (2) SIDE



6 CMU PARTITION W/ MASONRY VENEER - GWB (1) SIDE
7 DOUBLE WIDTH WALL



SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

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NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
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FVHD Fitzpatrick Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
F V H D P C . C O M

10/10/25 Date

Architect

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

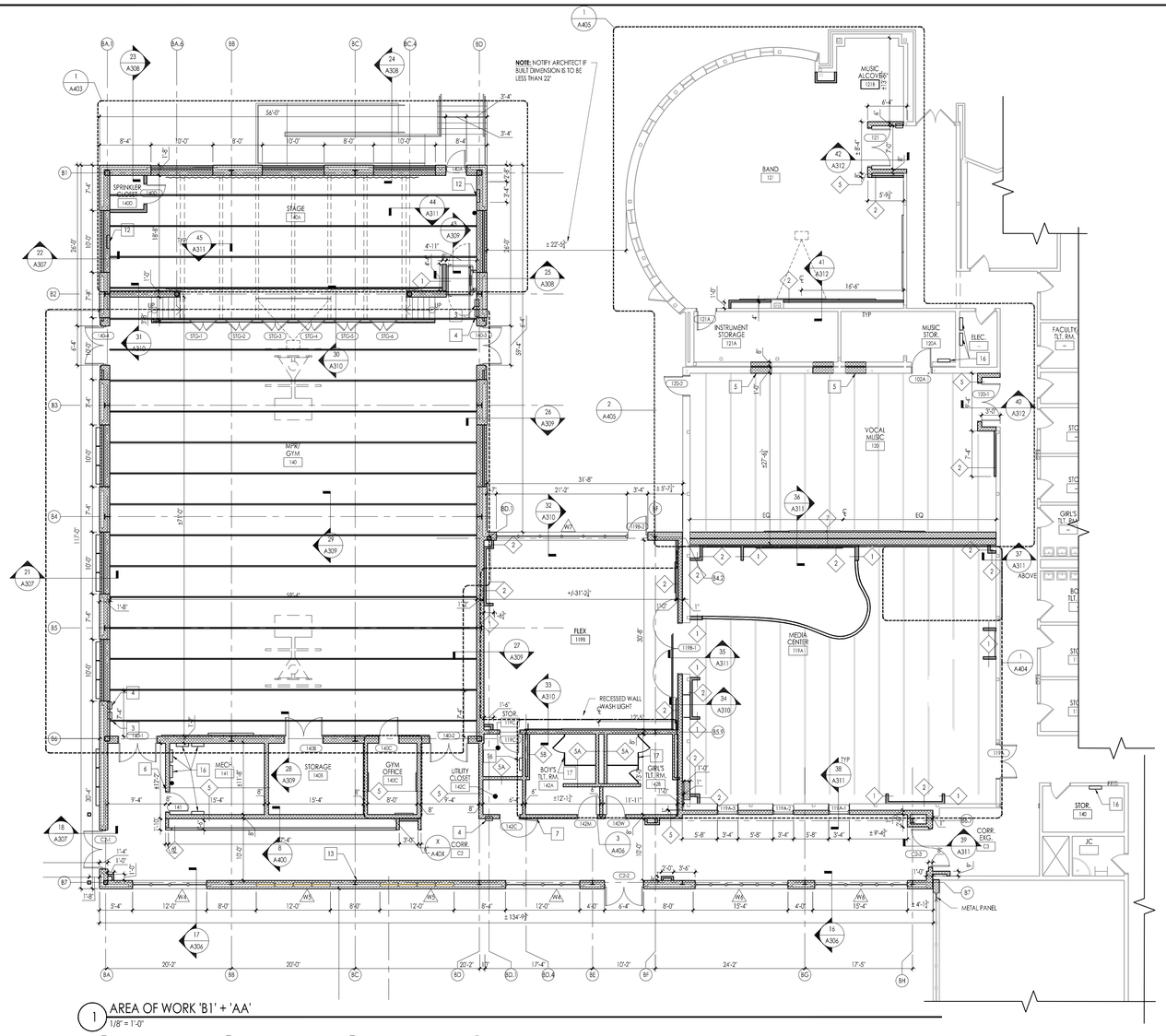
Scale
AS NOTED

Drawing Name
FIRST AND SECOND FLOOR PLANS - WORK AREAS 'AC' & 'C'

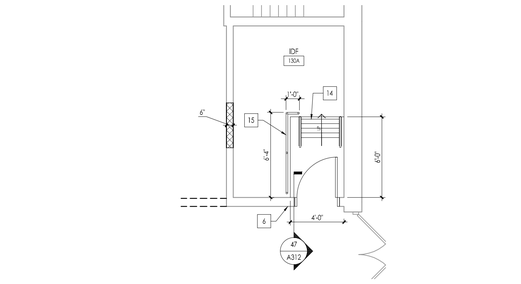
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A103



1 AREA OF WORK 'B1' + 'AA'
1/8" = 1'-0"



5 IDF ROOM
1/4" = 1'-0"

2 AREA OF WORK 'AB'
1/8" = 1'-0"

PLAN LEGEND

- BRICK
- NEW CMU PARTITION
- NEW GYPSUM BOARD PARTITION - MTL. STUDS (SEE FLOOR PLAN OR WALL SECTIONS FOR DEPTH) @ 16" O.C. W/ SOUND ATTENUATION BLANKET AND 5/8" GYPSUM BOARD EACH SIDE (TYP. U.N.O.)
- FE-1 / FE-2: NEW FIRE EXTINGUISHER IN SEMI-RECESSED CABINET (CMU WALL) - SEE DETAIL 7 / G002
- EX FE: EXISTING FIRE EXTINGUISHER TO REMAIN
- NEW / EXISTING 2-HOUR RATED FIRE WALL
- NEW / EXISTING 1-HOUR RATED CORRIDOR FIRE PARTITION

NEW FIRE RATED WALLS SHALL BE CONSTRUCTED OF CONCRETE MASONRY UNITS (CMU) PER UL DES U905 FOR 8" CMU AND THICKER AND PER UL DES U906 FOR 6" CMU. SEE FLOOR PLANS AND WALL SECTIONS FOR LOCATIONS AND ACTUAL CMU THICKNESS.

PLAN NOTES

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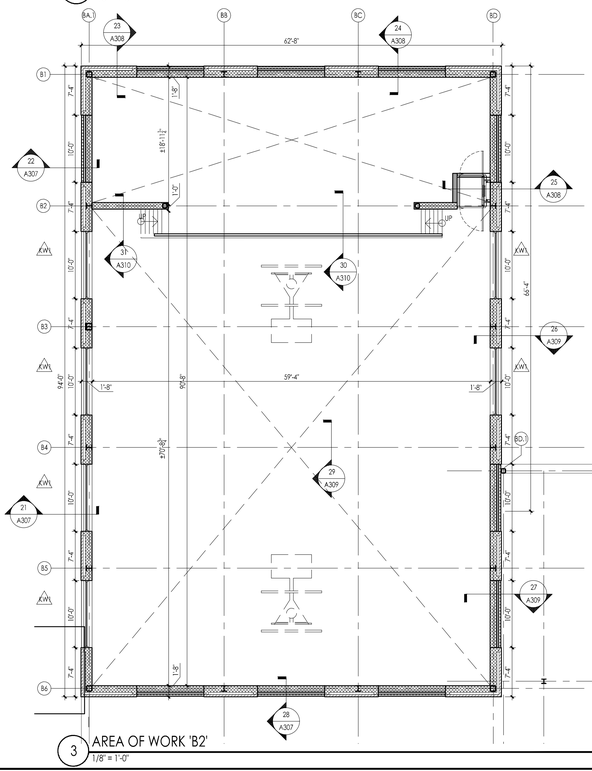
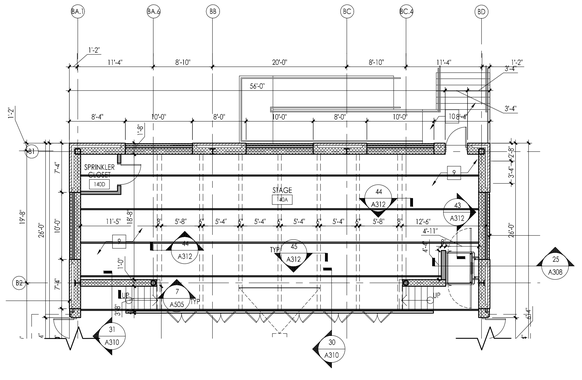
3. IN ALL LOCATIONS WHERE NEW STEEL STUD AND GYPSUM BOARD WALL CONSTRUCTION IS INDICATED, PROVIDE CONTROL JOINTS AT SPACING NOT TO EXCEED 24'-0" O.C.. FINAL LOCATIONS OF CONTROL JOINTS TO BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
4. ALL EXPOSED EXTERIOR STEEL LINTELS SHALL BE PAINTED GALVANIZED STEEL.

FLOOR PLAN & PICTURE KEYNOTES

1. NEW/EXISTING MECHANICAL UNIT VENTILATOR LOUVRE. COORDINATE W/ MECHANICAL DRAWINGS.
2. LINE OF EXISTING EXTERIOR WALL BELOW.
3. RECESSED AED CABINET. REFER TO DETAILS ON G003.
4. RECESSED FIRE EXTINGUISHER CABINET. REFER TO DETAILS ON G003.
5. INFILL UNUSED OPENING IN EXISTING WALL WITH CMU BLOCK. SIZE & THICKNESS TO MATCH EXISTING. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. PROVIDE WIRELESS CARD READER. REFER TO DOOR SCHEDULE FOR HARDWARE TYPE & ELECTRICAL DRAWINGS FOR DETAILS.
7. RECESSED BOTTLE FILLING STATION. COORDINATE W/ PLUMBING DRAWINGS.
8. 9' HEIGHT GYP. WALL BOARD PARTITION W/ SOLID SURFACE WALL CAP. REFERENCE WALL PARTITION TYPES FOR DETAILS.
9. UNEXCAVATED, SLAB ON GRADE. REFER TO A300 SERIES DRAWINGS FOR DETAILS.
10. CONCRETE STAIRS & RAMP. REFER TO A500 SERIES DRAWINGS FOR DETAILS.
11. AREA OF REFUGE. PROVIDE TWO WAY COMMUNICATION. REFER TO ELEC. DRAWINGS. PROVIDE SIGN TYPE 'E'. REFER TO SIGN TYPES ON A601.
12. RECESSED FIRE HOSE CABINET. REFER TO PLUMBING DRAWINGS FOR DETAILS.
13. COMMEMORATIVE PLAQUE. REFER TO DETAIL 3/A102.
14. ALUMINUM. SHIP'S LADDER. REFER TO 47/A312 AND SPECIFICATIONS.
15. ALUMINUM GUARD RAILING SYSTEM. REFER TO 16/A505.
16. ELECTRICAL/MECHANICAL PANELS. REFER TO ELEC./MECH. DRAWINGS.
17. PROVIDE SIGN TYPE #2 AT BARRIER-FREE TOILET COMPARTMENTS. REFER TO SIGN TYPES ON A601.
18. PROVIDE SIGN TYPE #27 INSIDE OF STAIRWELL AT AREA OF REFUGE LOCATIONS. REFER TO SIGN TYPES ON A601.

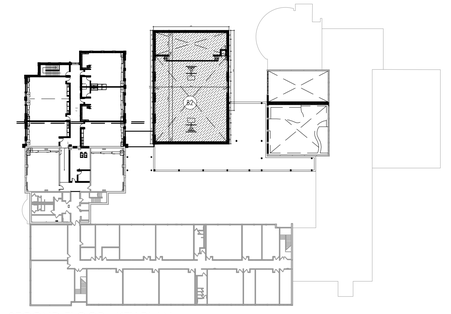


3 AREA OF WORK 'B2'
1/8" = 1'-0"

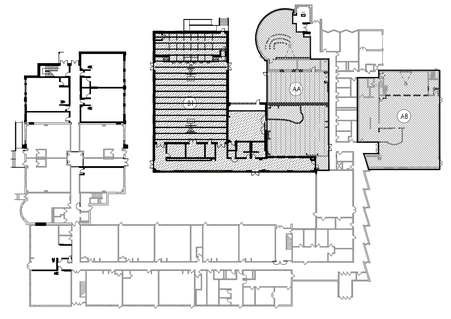


4 AREA OF WORK 'B1'
1/8" = 1'-0"

BUILDING A: EXISTING TO REMAIN
BUILDING A: ALTERATION/RENOVATIONS
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION



SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21401706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21401707000 | PA - RA406280
JASON J. LUBOWITCH, AIA
NJ - 21401710000 | PA - RA414282
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21401711000 | PA - RA414283
Date 10/10/25
Architect
FVHD Fitzhugh Varone Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

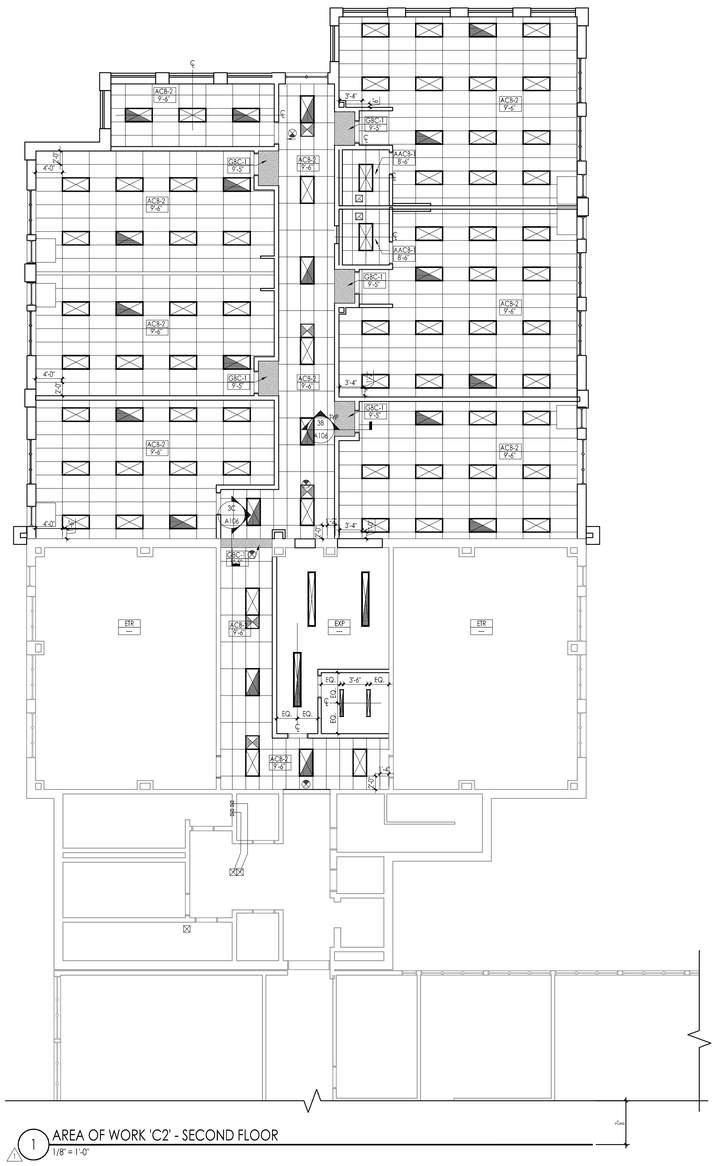
Project Number
5516C
Project Date
10.10.2025
Checked By
GRD
Drawn By
BMP
Scale
AS NOTED

Drawing Name
FIRST AND SECOND FLOOR PLANS - WORK AREA 'AA', 'AB' & 'B'

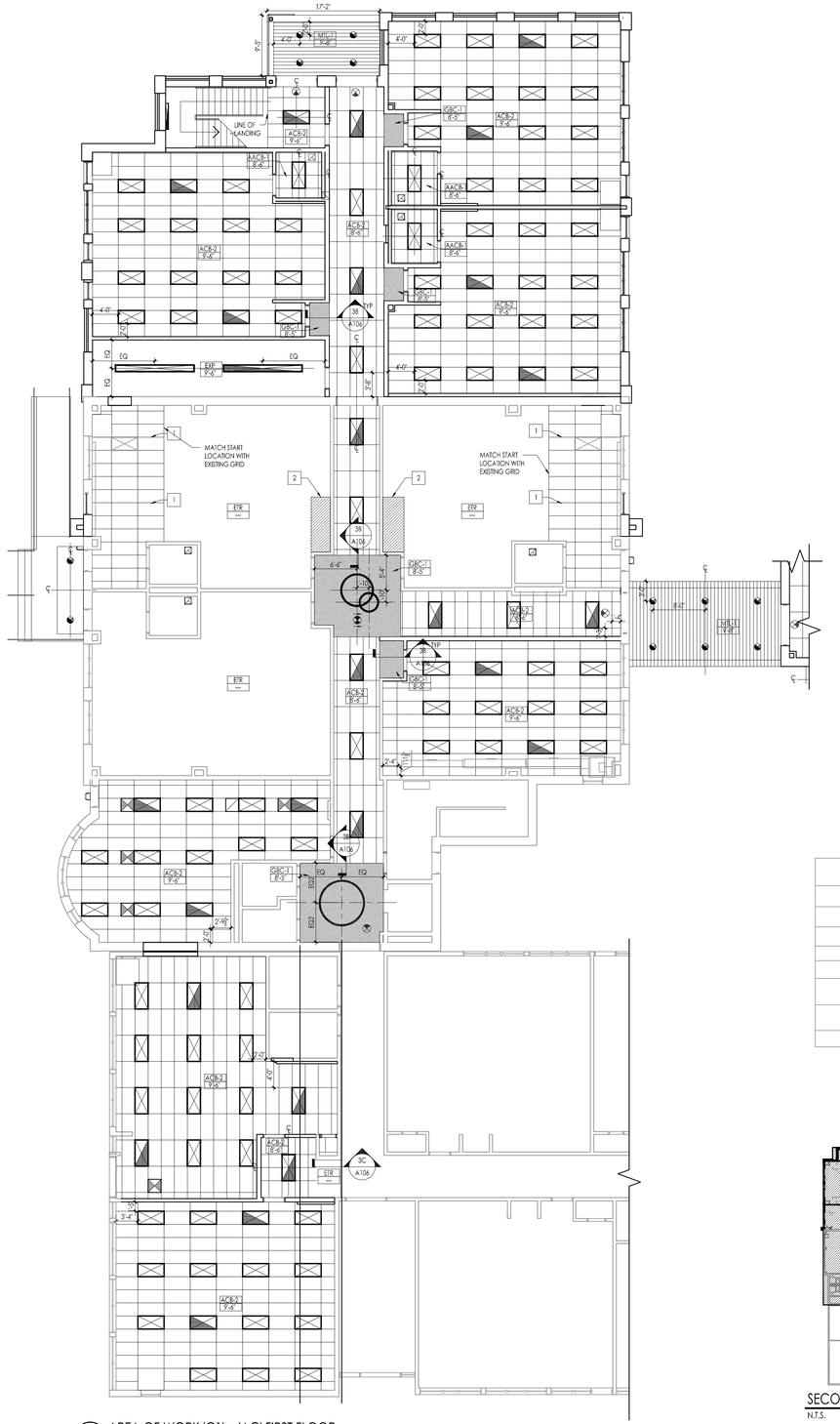
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

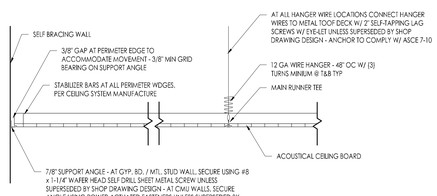
Drawing Number
A104



1 AREA OF WORK 'C2' - SECOND FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'C1' + 'AC' FIRST FLOOR
1/8" = 1'-0"



NOTE: *INSTALL SUSPENSION SYSTEMS TO COMPLY WITH MAUNFACTURES RECOMMENDED INSTALLATION, ASTM C636 AND PER SPECIFICATION (TYP.). LOCATE HANGERS NOT LESS THAN 6" FROM EACH END AND SPACED 48" ALONG EACH CARRYING CHANNEL OR DIRECT HUNG RUNNER, UNLESS OTHERWISE INDICATED. LEVELING TO TOLERANCE OF 1/8" IN 12'-0".*

8 TYPICAL ACOUSTICAL CEILING SYSTEM DETAIL
1" = 1'-0"

NOTES:

1. SEE HVAC, PLUMBING AND ELECTRICAL DRAWINGS FOR EQUIPMENT AND FIXTURES TYPES, SIZES AND ADDITIONAL INFORMATION.
2. GENERAL HVAC, PLUMBING AND ELECTRICAL CONTRACTORS TO COORDINATE LOCATION OF SPRINKLER HEADS, DIFFUSERS, AND LIGHTS.
3. ALL SPRINKLER HEADS, DIFFUSERS, AND LIGHTS TO BE CENTERED IN THE GWB OR ACB CEILING UNLESS NOTED OTHERWISE
4. SEE ROOM FINISH SCHEDULE FOR CEILING HEIGHTS.
5. A.F.F. = ABOVE FINISH FLOOR (MAIN DATUM ELEVATION)
6. REFER TO CEILING DETAILS ON A106.
7. MODIFY EXISTING SUSPENDED CEILING GRIDS TO REMAIN AS REQUIRED FOR LOCATION OF NEW WALLS. PROVIDE ALL REQUIRED COMPONENTS, INCLUDING BUT NOT LIMITED TO EDGE MOLDING, MAIN TEES, CROSS TEES AND SUPPORT WIRE.

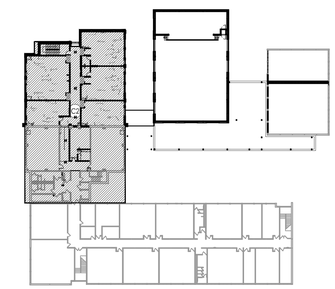
REFLECTED CEILING PLAN LEGEND

- XXX-# / ##'-##" — CEILING TYPE / HEIGHT ABOVE FINISHED FLOOR
- 24'X24' ACOUSTIC CEILING PANEL SYSTEM
- 24'X48' ACOUSTIC CEILING PANEL SYSTEM
- GYPSUM BOARD CEILING
- METAL PANEL CEILING
- SUPPLY DIFFUSER (SEE HVAC DRAWINGS)
- RETURN GRILLE (SEE HVAC DRAWINGS)
- EXHAUST GRILLE (SEE HVAC DRAWINGS)
- 24'X24' LAY IN LED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- 24'X48' LAY IN LED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- RECESSED LINEAR LED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- SURFACE MOUNTED/PENDANT UTILITY LED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- HIGHBAY LED PENDANT LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- PENDANT/RECESSED CIRCULAR LED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- 'W' EXTERIOR WALL SCONCE
- 'M' RECESSED CANOPY DOWNLIGHT
- 'Q' SURFACE-MOUNTED CANOPY DOWNLIGHT
- LIT EXIT SIGNS. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION
- GE-02 — FINISH TAG. REFER TO A600 SERIES DRAWINGS FOR FINISHES

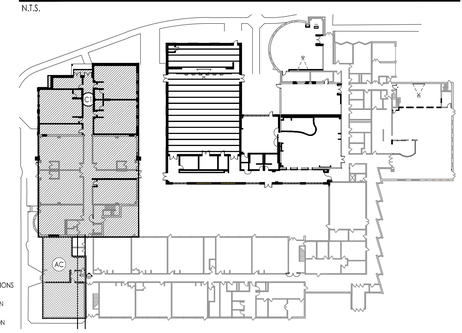
RCP KEYNOTES

1. REMOVE, SALVAGE, & REINSTALL EXISTING SUSPENDED GRID AND FIXTURES AS REQUIRED FOR RELOCATED LIV. PROVIDE ALL COMPONENTS, INCLUDING BUT NOT LIMITED TO EDGE MOLDING, MAIN TEES, CROSS TEES, AND SUPPORT WIRE.
2. REMOVE, SALVAGE, & REINSTALL EXISTING SUSPENDED GRID AND FIXTURES AS REQUIRED FOR NEW STEEL COLUMNS. PROVIDE ALL COMPONENTS, INCLUDING BUT NOT LIMITED TO EDGE MOLDING, MAIN TEES, CROSS TEES, AND SUPPORT WIRE.

CEILING TYPES		MANUF.	REMARKS
ACB-1	2x2 ACOUSTICAL CEILING BOARD SYSTEM	---	
ACB-2	2x4 ACOUSTICAL CEILING BOARD SYSTEM	---	
AACB-1	2x4 ACRYLIC ACOUSTICAL CEILING BOARD SYSTEM	---	
GCB-1	GYP BD SOFFITS	---	
DCS-1	FORMATIONS	ARMSTRONG OR APPROVED EQUAL	
DCS-2	SOUNDSCAPE CANOPIES	ARMSTRONG OR APPROVED EQUAL	ALTERNATING HILLS AND VALLEYS, REFER TO A106 FOR LAYOUT. LOWEST POINT TO BE NO LOWER THAN 12'-0" AFF IN BAND 121, AND ± 17'-0" AFF IN VOCAL MUSIC ROOM 120
DCS-3	METAL MESH	ARMSTRONG OR APPROVED EQUAL	PROVIDE ARMSTRONG METALWORKS MESH PANELS. LAY-IN. PERFORATION PATTERN # M28SI; HOLE SIZE 2.39 MM W/ 28% OPEN AREA.
MTL-1	EXTERIOR CANOPY SOFFITS	---	METAL SOFFIT PANELS



SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

⚠ EMERGENCY FIXTURES NOTE:

FIXTURES DESIGNATED WITH A 1/2 SHADE SHALL BE PROVIDED WITH A BATTERY PACK SUITABLE TO POWER THE FIXTURE FOR 90 MINUTES MINIMUM. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION.

- BUILDING A: EXISTING TO REMAIN
- BUILDING A: ALTERATION/RENOVATIONS
- BUILDING B: ADDITION/RENOVATION
- BUILDING C: ADDITION/RENOVATION

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21-AI0706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21-AI00-39700
JASON J. SHOWITCH, AIA
NJ - 21-AI00-37500 | PA - RA426700
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21-AI00031100 | PA - RA411455
10/10/25
Date
Architect

FVHD Fralyak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

Scale
AS NOTED

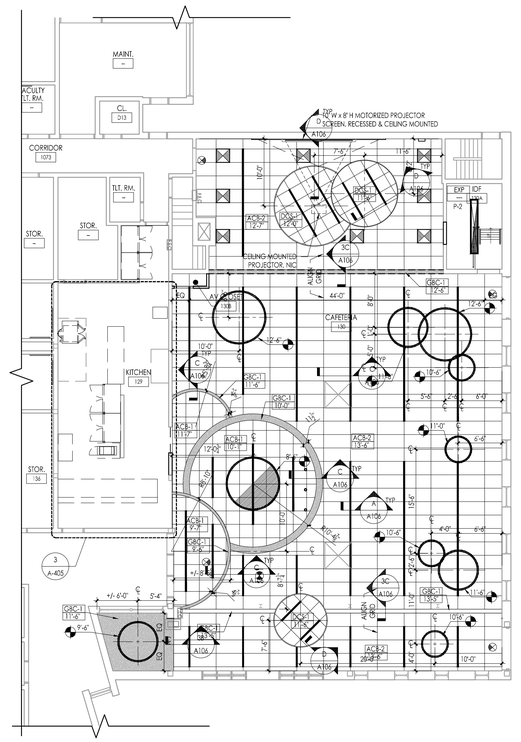
Drawing Name
FIRST AND SECOND FLOOR REFLECTED CEILING PLANS - WORK AREAS 'AC' & 'C'

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.21.25	NJ DCA RESPONSES

Drawing Number
A105

1 AREA OF WORK 'B1' + 'AA'
1/8" = 1'-0"

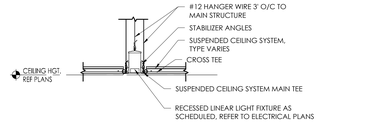


2 AREA OF WORK 'AB'
1/8" = 1'-0"

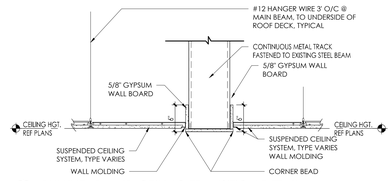
LEGEND

- DCS-2A
- DCS-2B

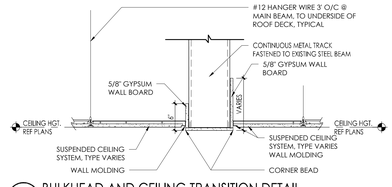
REFER TO FINISH LEGEND ON A701 FOR FINISH COLORS



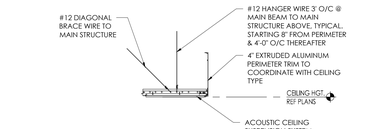
A RECESSED LINEAR LIGHT MOUNTING DETAIL
1" = 1'-0"



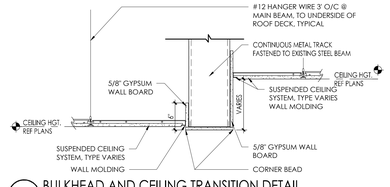
B BULKHEAD AND CEILING TRANSITION DETAIL
1" = 1'-0"



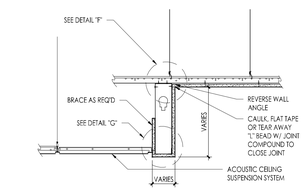
C BULKHEAD AND CEILING TRANSITION DETAIL
1" = 1'-0"



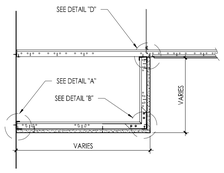
D EDGE DETAIL AT EXTRUDED ALUMINUM PERIMETER
1" = 1'-0"



E BULKHEAD AND CEILING TRANSITION DETAIL
1" = 1'-0"



3A



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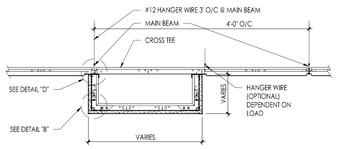
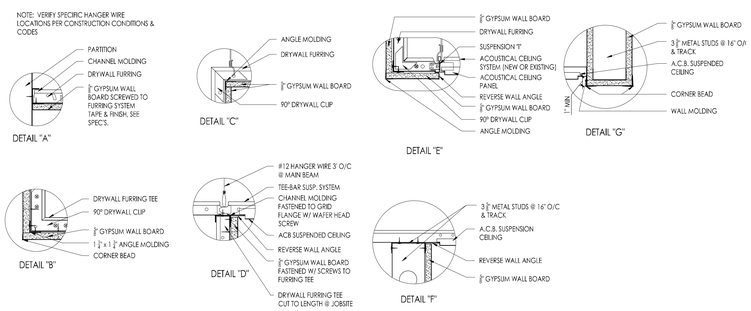
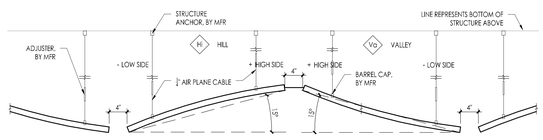


3C



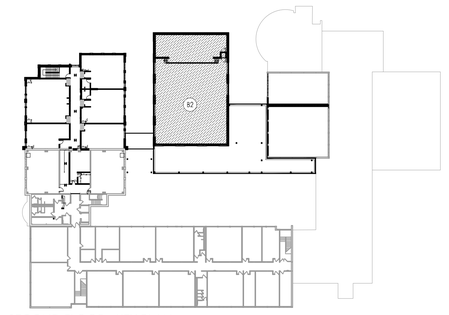
3 CEILING DETAILS
1" = 1'-0"

4 AREA OF WORK 'AA' ENLARGED AREA
1/4" = 1'-0"

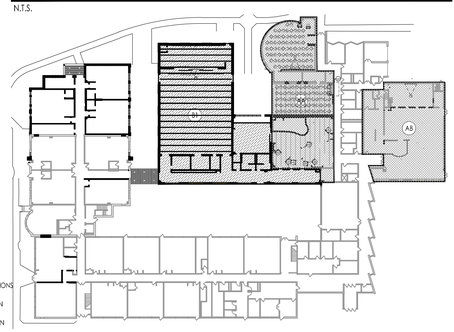


NOTE: PATTERN REPEATS - REFER TO PLAN

5 ARMSTRONG SOUNDSCAPES ACOUSTICAL CANOPIES PANELS INSTALLATION KEY
1" = 1'-0"



SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

- BUILDING A: EXISTING TO REMAIN
- BUILDING A: ALTERATION/RENOVATION
- BUILDING B: ADDITION/RENOVATION
- BUILDING C: ADDITION/RENOVATION

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706600 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01412700
JASON J. DOMOWITCH, AIA
NJ - 21A01715000 | PA - RA424780
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AE00031100 | PA - RA414585
10/10/25
Date
Architect

FVHDP
Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road
Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue
Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name

Addition and Renovations to Community Park Elementary School

Project Owner Name

Princeton Public Schools

Project Location

372 Witherspoon St, Princeton, NJ 08542

Project Number	5516C
Project Date	10.10.2025
Checked By	GRD
Drawn By	BMP
Scale	AS NOTED

Drawing Name

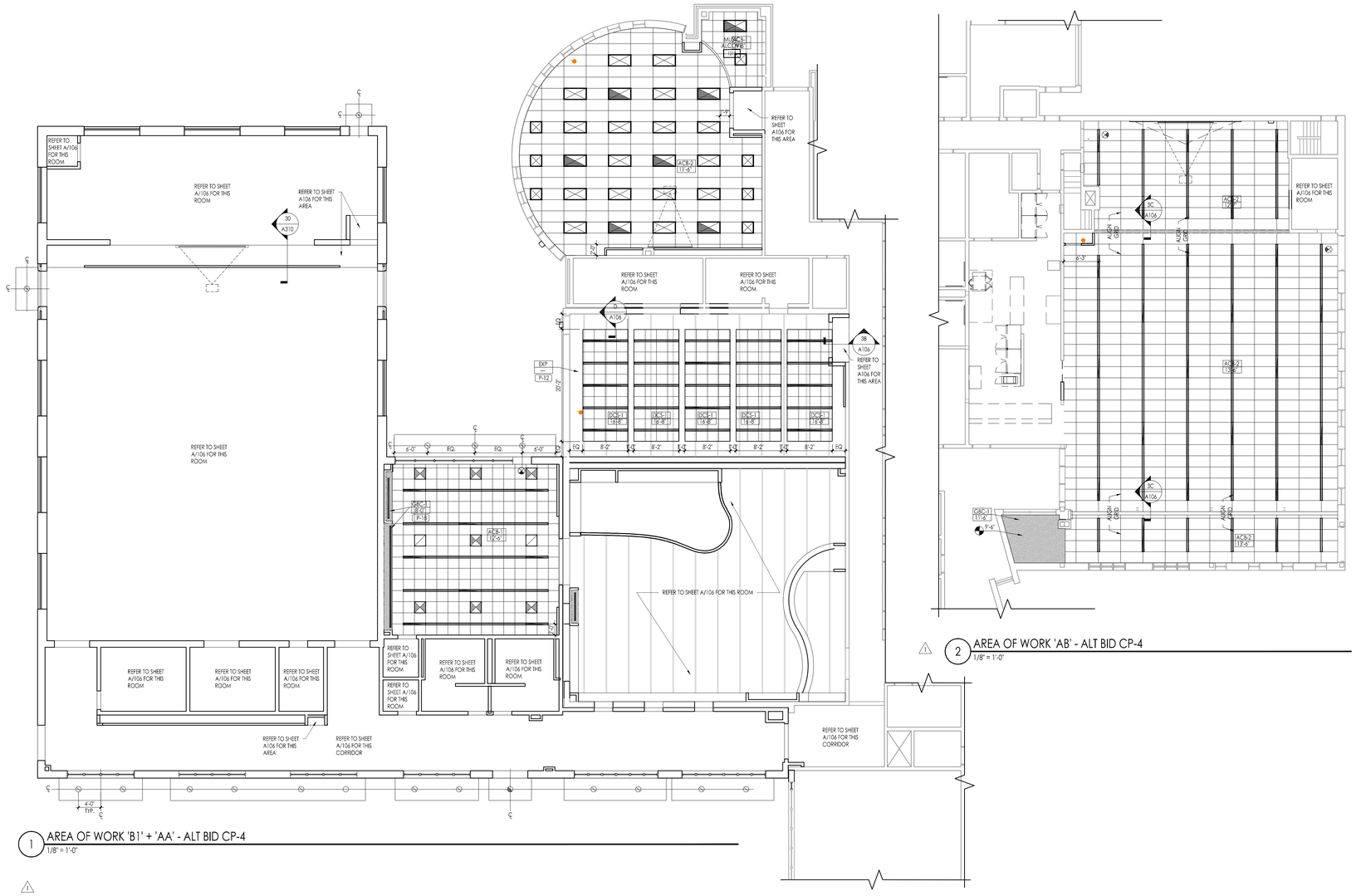
FIRST AND SECOND FLOOR REFLECTED CEILING PLANS - WORK AREAS 'AA', 'AB' & 'B'

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.21.25	NJ DCA RESPONSES

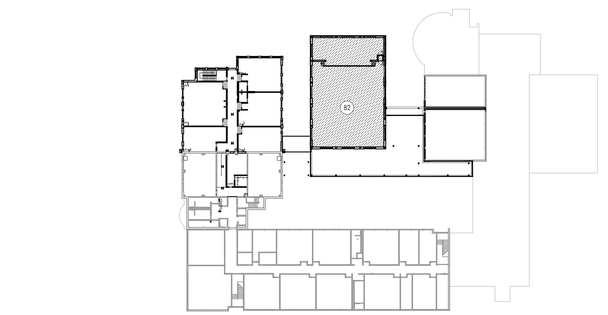
Drawing Number

A106

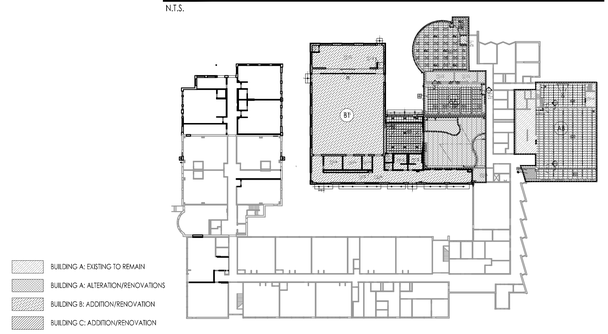


1 AREA OF WORK 'B1' + 'AA' - ALT BID CP-4
1/8" = 1'-0"

1



SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520N
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01339700
JASON J. SOBKOWITCH, AIA
NJ - 21A01715000 | PA - RA424090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A02003100 | PA - RA414585
10/10/25
Date
Architect
FVHD
Fraytak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
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F V H D P C . C O M

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372 Witherspoon St, Princeton, NJ 08542

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5516C

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10.10.2025

Checked By
GRD

Drawn By
BMP

Scale
AS NOTED

Drawing Name
FIRST AND SECOND FLOOR REFLECTED CEILING PLANS - - WORK AREAS 'AA', 'AB' & 'B' - ALTERNATE CP-4

Revisions

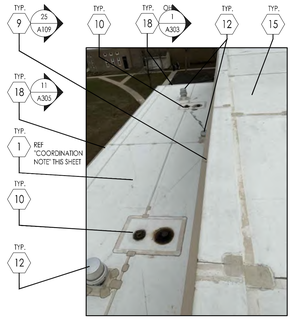
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.21.25	NJ DCA RESPONSES

Drawing Number
A106A

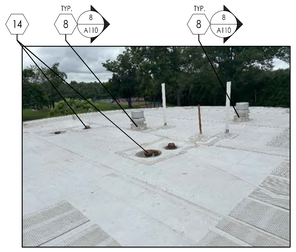
EXISTING ROOF WARRANTY INFO. LEGEND

PRINCETON COMMUNITY PARK ELEMENTARY SCHOOL

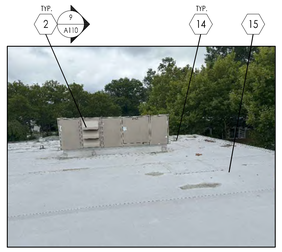
372 Witherspoon St, Princeton, NJ 08542



1 PHOTOGRAPH (CLASSROOMS)

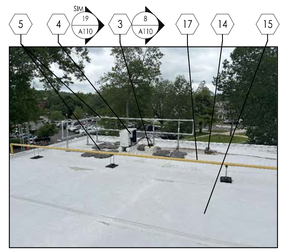


2 PHOTOGRAPH (BAND)

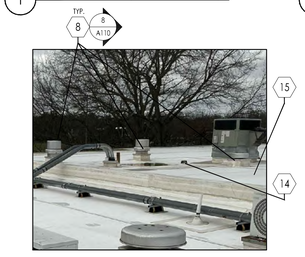


3 PHOTOGRAPH (MEDIA CENTER)

4 PHOTOGRAPH (CAFETERIA)



5 PHOTOGRAPH (CAFETERIA)

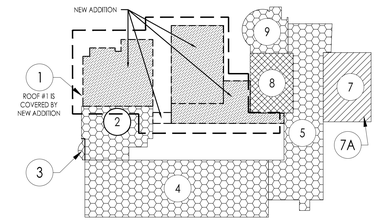


6 PHOTOGRAPH (CLASSROOMS)

SHEET NOTE:
1. REFERENCE MECHANICAL AND ELECTRIC SHEETS FOR ALL ROOF TOP EQUIPMENT SCHEDULES.
2. REFERENCE A108 FOR ROOF WARRANTY INFORMATION AND ASSOCIATED ROOF DETAILS

EXISTING ROOF SYSTEMS NOTE:
(PRINCETON COMMUNITY PARK ELEMENTARY SCHOOL)

ALL WORK PERFORMED AS PART OF THIS PROJECT THAT IMPACTS OR MODIFIES THE EXISTING ROOFING SYSTEM IN ANY FORM SHALL BE PERFORMED IN A MANNER APPROVED BY THE ROOFING MANUFACTURER SUCH THAT THE EXISTING ROOF WARRANTY IN PLACE AT THE TIME OF THE WORK SHALL NOT BE VOIDED. (REFERENCE A108 FOR ROOF WARRANTY INFORMATION)



	PR1. #	AREA	MANUFACTURER/ WARRANTY #	ROOFING SYSTEM	DATE INSTALLED	WARRANTY EXPIRATION	PRECOVER/NOT REPLACED/NOT YEAR
	N/A	4,522 S.F. +/-	CARLISLE / 115405	EPDM	08/09/2012	09/00/2032	2032
	N/A	3,707 +/- S.F.	CARLISLE / 115815	EPDM	07/18/2014	7/14/2034	2044
	N/A	36,000 S.F. +/-	CARLISLE / 158920	EPDM	11/14/2022	01/00/2043	2043

GENERAL ROOF DEMOLITION NOTES:

A. THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM DEMOLITION CAREFULLY CAUSING NO DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES MUST BE REPAIRED AND OR REPLACED BY THE ROOFING CONTRACTOR TO THE OWNER'S AND ARCHITECTS SATISFACTION AND AT NO ADDITIONAL COST TO THE CONTRACT PRICE. PRIOR TO THE COMMENCEMENT OF WORK, THE ROOFING CONTRACTOR IS RESPONSIBLE TO INSPECT AND PHOTOGRAPH EXISTING CONDITIONS WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM DEMOLITION AND INSTALLATION WORK.

B. THE BUILDING IS OCCUPIED. THE ROOFING CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND FOR THE SAFETY OF ALL PERSONS AT THE PROJECT SITE.

C. FOR PURPOSES OF THIS PROJECT, REMOVE SHALL MEAN REMOVE AND DISPOSE OF SAME OFF SITE IN AN APPROVED AND LEGAL MANNER.

D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MECHANICAL AND ELECTRICAL DISCONNECTIONS AND RE-CONNECTIONS FOR THE INSTALLATION OF ALL WORK REQUIRED BY THE DOCUMENTS INCLUDING, REMOVE, PROTECT, AND REINSTALL ALL EXISTING ROOF MOUNTED EQUIPMENT. FOR REINSTALLATION, EXTEND OR MODIFY EXISTING ELECTRICAL SERVICES, DUCTWORK, ETC. REF MECHANICAL, PLUMBING AND ELECTRIC FOR EQUIPMENT BEING REMOVED ON THESE ROOFS

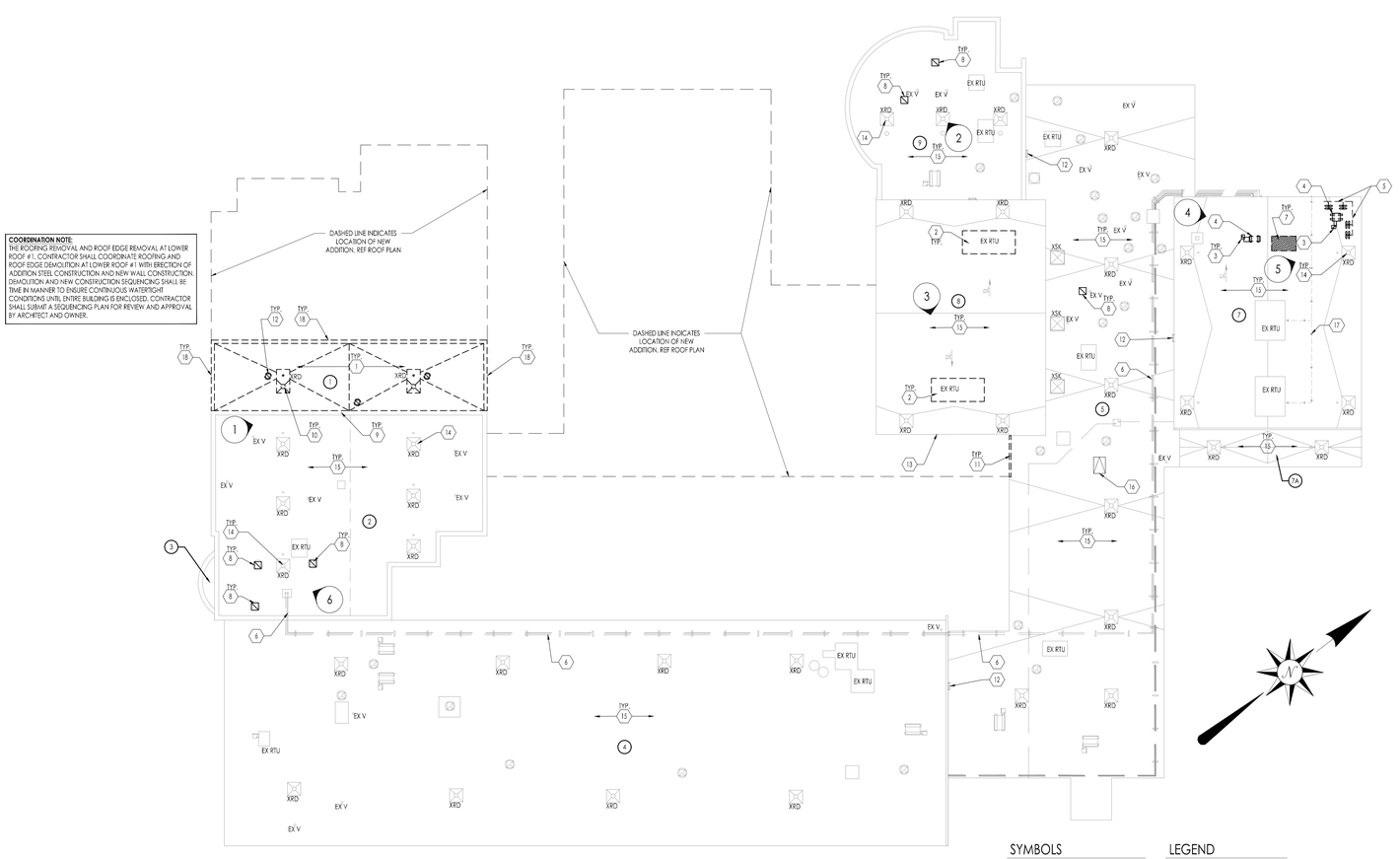
E. DETAILS REFERENCED IN THE PHOTOGRAPHS AND ON THESE DRAWINGS ARE TYPICAL. PHOTOGRAPHS ARE INTENDED TO SHOW TYPICAL EXISTING CONDITIONS AND ARE NOT INTENDED TO LIMIT SCOPE. THE ROOFING CONTRACTOR SHALL VERIFY THE TOTAL NUMBER AND EXACT LOCATION OF CONDITIONS IN THE FIELD AND PERFORM WORK IN ACCORDANCE WITH THE DETAILS REFERENCED AND/OR THOSE WHICH ARE SIMILAR.

F. THE ROOFING CONTRACTOR SHALL COORDINATE ALL DUMPSTER STAGING AND TRUCK ROUTES WITH THE OWNER. THE ROOFING CONTRACTOR SHALL PROTECT ALL EXISTING PAVED AND PLANTED AREAS. THE ROOFING CONTRACTOR SHALL REPAIR ANY PAVED OR PLANTED AREAS TO THE SATISFACTION OF THE OWNER. THE REPAIRS ARE TO INCLUDE, BUT ARE NOT LIMITED TO, REPAVING OF ASPHALT DRIVEWAYS AND PARKING LOTS, REGRADING AND SEEDING OF LAWN AND PLAYGROUND AREAS AND REPLACING DAMAGED PLANTS, SHRUBS, ETC. ALL REPAIRS AND RESTORATIONS SHALL BE DONE AT NO ADDITIONAL COST TO THE CONTRACT PRICE.

G. REF SHEET A101 FOR GENERAL DEMOLITION NOTES

H. THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM DEMOLITION CAREFULLY CAUSING NO DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES MUST BE REPAIRED AND OR REPLACED BY THE ROOFING CONTRACTOR TO THE OWNERS AND ARCHITECTS SATISFACTION AND AT NO ADDITIONAL COST TO THE CONTRACT PRICE. PRIOR TO THE COMMENCEMENT OF WORK, THE ROOFING CONTRACTOR IS RESPONSIBLE TO INSPECT AND PHOTOGRAPH EXISTING CONDITIONS WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM DEMOLITION AND INSTALLATION WORK.

COORDINATION NOTE:
THE ROOFING REMOVAL AND ROOF EDGE REMOVAL AT LOWER ROOF #1, CONTRACTOR SHALL COORDINATE ROOFING AND ROOF EDGE DEMOLITION AT LOWER ROOF #1 WITH ERECTION OF ADDITION STEEL CONSTRUCTION AND NEW WALL CONSTRUCTION. DEMOLITION AND NEW CONSTRUCTION SEQUENCING SHALL BE TIME IN MANNER TO ENSURE CONTINUOUS WATERTIGHT CONDITIONS UNTIL ENTIRE BUILDING IS ENCLOSED. CONTRACTOR SHALL SUBMIT A SEQUENCING PLAN FOR REVIEW AND APPROVAL BY ARCHITECT AND OWNER.



1 ROOF DEMOLITION PLAN
1/16" = 1'-0"

DEMOLITION NOTES:

1. REMOVE EXISTING ROOFING SYSTEM DOWN TO EXISTING STEEL DECK. REMOVE EXISTING FLASHING AT RISING WALL. REMOVE EXISTING ROOF EDGE, AS INDICATED AT ROOF #1, AND WOOD BLOCKING AS SHOWN IN PLAN. REMOVE ALL EXISTING MECHANICAL AND PLUMBING EQUIPMENT. REF MECHANICAL AND PLUMBING SHEETS. THIS DEMOLITION, AT LOWER ROOF #1, SHALL BE IN COORDINATION WITH NEW STEEL AND WALL CONSTRUCTION. THE AREA OF DEMOLITION AND NEW CONSTRUCTION SHALL BE WATER TIGHT AND REMAIN AS SUCH THROUGHOUT ALL CONSTRUCTION 'TIL COMPLETION. REF "COORDINATION NOTE" THIS SHEET
2. REMOVE EXISTING ROOF TOP EQUIPMENT. REMOVE EXISTING CURBS DOWN TO EXISTING ROOF DECK. PREP OPENING FOR NEW RTU CURBS. REF 16/A110 FOR ROOF DECK AND ROOF ASSEMBLY INFILL. REF MECHANICAL FOR NEW UNIT AND CURBS IN THIS AREA.
3. REMOVE EXISTING PIPES. EXISTING CURBS TO REMAIN AND BE CAPPED. REF 8/A110 FOR ABANDONED CURB COVER. REF MECHANICAL AND ELECTRIC FOR EQUIPMENT BEING DISCONNECTED AND REMOVED IN THIS AREA.
4. REMOVE EXISTING RTU AND EXISTING RTU SUPPORT RAILS DOWN TO EXISTING ROOF DECK. PREP AREA FOR NEW ROOF INFILL. REF 19/A110. FOR "SIM" CONDITION. REF MECHANICAL FOR ADDITIONAL ITEMS TO BE REMOVED IN THIS AREA.
5. REMOVE EXISTING METAL GUARDRAIL SYSTEM AND SUPPORTS IN THEIR ENTIRETY. INSPECT EXISTING ROOF IN AREA OF GUARDRAIL REMOVAL FOR DAMAGE DUE TO DEMOLITION AND PATCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. REF ROOF WARRANTY LEGEND FOR ROOF TYPE AND MANUFACTURER INFORMATION
6. EXISTING CONDUIT ON SUPPORTS TO REMAIN.
7. CUT AND REMOVE PORTION OF EXISTING ROOFING SYSTEM AND ROOF DECK FOR NEW RTU ON NEW CURB. COORDINATE EXACT LOCATION AND SIZE WITH MECHANICAL DRAWINGS. REF A108 FOR NEW ROOF WORK AND NEW STRUCTURAL SUPPORT WORK IN THIS AREA.
8. REMOVE EXISTING ROOF TOP EQUIPMENT. EXISTING CURB TO REMAIN. PROVIDE NEW INSULATED CURB COVER. REF 8/A110 AND MECHANICAL SHEETS
9. CUT EXISTING EPDM ROOFING MEMBRANE FROM PERIMETER OF EXISTING ROOF EDGE. REMOVE EXISTING ROOF EDGE, AS INDICATED, FOR NEW TIE-IN FLASHING AT NEW RISING WALL. REF ROOF PLAN FOR EXTENT OF NEW CONSTRUCTION
10. REMOVE EXISTING ROOF DRAINS AND OVERFLOW DRAINS AT EXISTING ROOF #1. REF PLUMBING FOR REMOVAL OF THESE DRAINS AND ASSOCIATED PIPING IN THIS AREA. COORDINATE REMOVAL OF ALL ITEMS ON THIS ROOF WITH NEW CONSTRUCTION. MAINTAIN WATER TIGHT CONDITIONS THROUGHOUT NEW CONSTRUCTION. REF COORDINATION NOTE FOR ADDITIONAL INFORMATION. THIS SHEET
11. REMOVE PORTION OF EXISTING PARAPET CAP AND FLASHING FOR NEW CONTROL JOINT FLASHING. REF ROOF PLAN, SHEET A108, FOR EXTENT OF NEW CONSTRUCTION.
12. EXISTING LADDER TO REMAIN
13. EXISTING BRICK TO BE REMOVED IN INCREMENTS, AS DESCRIBED IN CONSTRUCTION NOTE #5 SHEET A108, AND REPLACED FOR NEW ROOF EXPANSION JOINT FLASHING. REF A108 FOR FULL EXTENT OF DEMOLITION AND NEW CONSTRUCTION IN THIS AREA
14. EXISTING ROOF DRAINS TO REMAIN.
15. EXISTING ROOFING SYSTEM TO REMAIN. REF ROOF WARRANTY INFORMATION ON A108
16. EXISTING ROOF HATCH TO REMAIN.
17. EXISTING GAS LINE ON SUPPORTS TO REMAIN.
18. REMOVE PORTION OF EXISTING BRICK AND CMU AT PARAPET DEMOLITION FOR NEW WALL CONSTRUCTION. REF DEMOLITION PLAN AND WALL SECTIONS FOR FULL EXTENT OF DEMOLITION AND NEW WORK IN THIS AREA

STAGING NOTES:

1. ROOF ACCESS THROUGH THE BUILDING IS NOT PERMITTED.
2. TEMPORARY TOILETS SHALL BE PROVIDED BY THE CONTRACTOR AND PLACEMENT COORDINATED WITH OWNER.
3. CONSTRUCTION SAFETY FENCING SHALL BE INSTALLED AROUND ALL STAGING AREAS.
4. THE CONTRACTOR IS TO CONTACT THE LOCAL MUNICIPALITY AND CONFIRM WORKING HOURS AND COMPLY WITH ALL NOISE ORDINANCE REQUIREMENTS.
5. PARKING, OF CONSTRUCTION VEHICLES, DUMPSTERS, AND EQUIPMENT IS NOT PERMITTED ON THE STREETS.
6. DUMPSTERS MUST BE EMPTIED AT THE END OF EACH WORK DAY.
7. NO ENTRANCES, EXITS OR DRIVEWAYS SHALL BE BLOCKED AT ANY TIME.
8. ALL STAGING AREAS MUST BE APPROVED IN ADVANCE BY THE OWNER. THE ROOFING CONTRACTOR MUST SUBMIT A STAGING PLAN AND HAVE THE PLAN APPROVED BY THE OWNER. IF CHANGES TO THE STAGING PLAN MUST BE MADE DURING THE PROJECT, THE ROOFING CONTRACTOR MUST RESUBMIT A REVISED PLAN TO THE OWNER AND OBTAIN WRITTEN APPROVAL BEFORE ADJUSTING THE STAGING AREAS.
9. THE CONTRACTOR IS NOT PERMITTED TO USE THE ROOFS THAT ARE NOT IN CONTRACT IN ANY CAPACITY.
10. ALL LAWN AND PAVED AREAS DAMAGED OR DISTURBED IN ANY WAY SHALL BE CLEANED AND RESTORED TO PRE-CONSTRUCTION CONDITION AT THE CONCLUSION OF THE WORK.
11. NO STAGING IS PERMITTED ON THE SIDEWALKS.

SYMBOLS

- A / A.XXX — FLASHING DETAIL AND DRAWING NUMBER
- # — PHOTOGRAPH NUMBER
- # — DEMOLITION/ CONSTRUCTION NOTE
- SL — DIRECTION OF ROOF SLOPE
- # — INDICATES ROOF NUMBER IN CONNECTION WITH "ROOF WARRANTY INFO."

LEGEND

- XRD — EXISTING ROOF DRAIN
- XEF — EXISTING EXHAUST FAN UNIT
- XPC — EXISTING PIPE CURB
- EX CONDUIT ON SUPPORT
- EX RTU — EXISTING ROOF TOP UNIT
- XV — EXISTING VENT PIPE
- XRH — EXISTING ROOF HATCH
- XSKY — EXISTING SKYLIGHT

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - #AR125201
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10/10/25
Date
Architect

FVHD Fitzkee Vellez Hopkins Duthie PC
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F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

Scale
1/16" = 1'-0"

Drawing Name
ADDITION ROOF DEMOLITION PLAN

Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A107

EXISTING ROOF SYSTEMS NOTE:
(COMMUNITY PARK ELEMENTARY SCHOOL)

ALL WORK PERFORMED AS PART OF THIS PROJECT THAT IMPACTS OR MODIFIES THE EXISTING ROOFING SYSTEM IN ANY FORM SHALL BE PERFORMED IN A MANNER APPROVED BY THE ROOFING MANUFACTURER SUCH THAT THE EXISTING ROOF WARRANTY IN PLACE AT THE TIME OF THE WORK SHALL NOT BE VOIDED. (REFERENCE A108 FOR ROOF WARRANTY INFORMATION)

SHEET NOTE:

1. REFERENCE MECHANICAL AND ELECTRIC SHEETS FOR ALL ROOF TOP EQUIPMENT SCHEDULES.
2. REFERENCE A108 FOR ROOF WARRANTY INFORMATION
3. REFERENCE A109 AND A110 FOR ROOFING DETAILS AND ROOFING INFILL AT EXISTING ROOFS.
4. REFERENCE STRUCTURE FOR ROOF TOP EQUIPMENT SUPPORTS

STAGING NOTES:

1. ROOF ACCESS THROUGH THE BUILDING IS NOT PERMITTED.
2. TEMPORARY TOILETS SHALL BE PROVIDED BY THE CONTRACTOR AND PLACEMENT COORDINATED WITH OWNER.
3. CONSTRUCTION SAFETY FENCING SHALL BE INSTALLED AROUND ALL STAGING AREAS.
4. THE CONTRACTOR IS TO CONTACT THE LOCAL MUNICIPALITY AND CONFIRM WORKING HOURS AND COMPLY WITH ALL NOISE ORDINANCE REQUIREMENTS.
5. PARKING, OF CONSTRUCTION VEHICLES, DUMPSTERS, AND EQUIPMENT IS NOT PERMITTED ON THE STREETS.
6. DUMPSTERS MUST BE EMPTIED AT THE END OF EACH WORK DAY.
7. NO ENTRANCES, EXITS OR DRIVEWAYS SHALL BE BLOCKED AT ANY TIME.
8. ALL STAGING AREAS MUST BE APPROVED IN ADVANCE BY THE OWNER. THE ROOFING CONTRACTOR MUST SUBMIT A STAGING PLAN AND HAVE THE PLAN APPROVED BY THE OWNER. IF CHANGES TO THE STAGING PLAN MUST BE MADE DURING THE PROJECT, THE ROOFING CONTRACTOR MUST RESUBMIT A REVISED PLAN TO THE OWNER AND OBTAIN WRITTEN APPROVAL BEFORE ADJUSTING THE STAGING AREAS.
9. THE CONTRACTOR IS NOT PERMITTED TO USE THE ROOFS THAT ARE NOT IN CONTRACT IN ANY CAPACITY.
10. ALL LAWN AND PAVED AREAS DAMAGED OR DISTURBED IN ANY WAY SHALL BE CLEANED AND RESTORED TO PRE-CONSTRUCTION CONDITION AT THE CONCLUSION OF THE WORK.
11. NO STAGING IS PERMITTED ON THE SIDEWALKS.

GENERAL ROOF CONSTRUCTION NOTES:

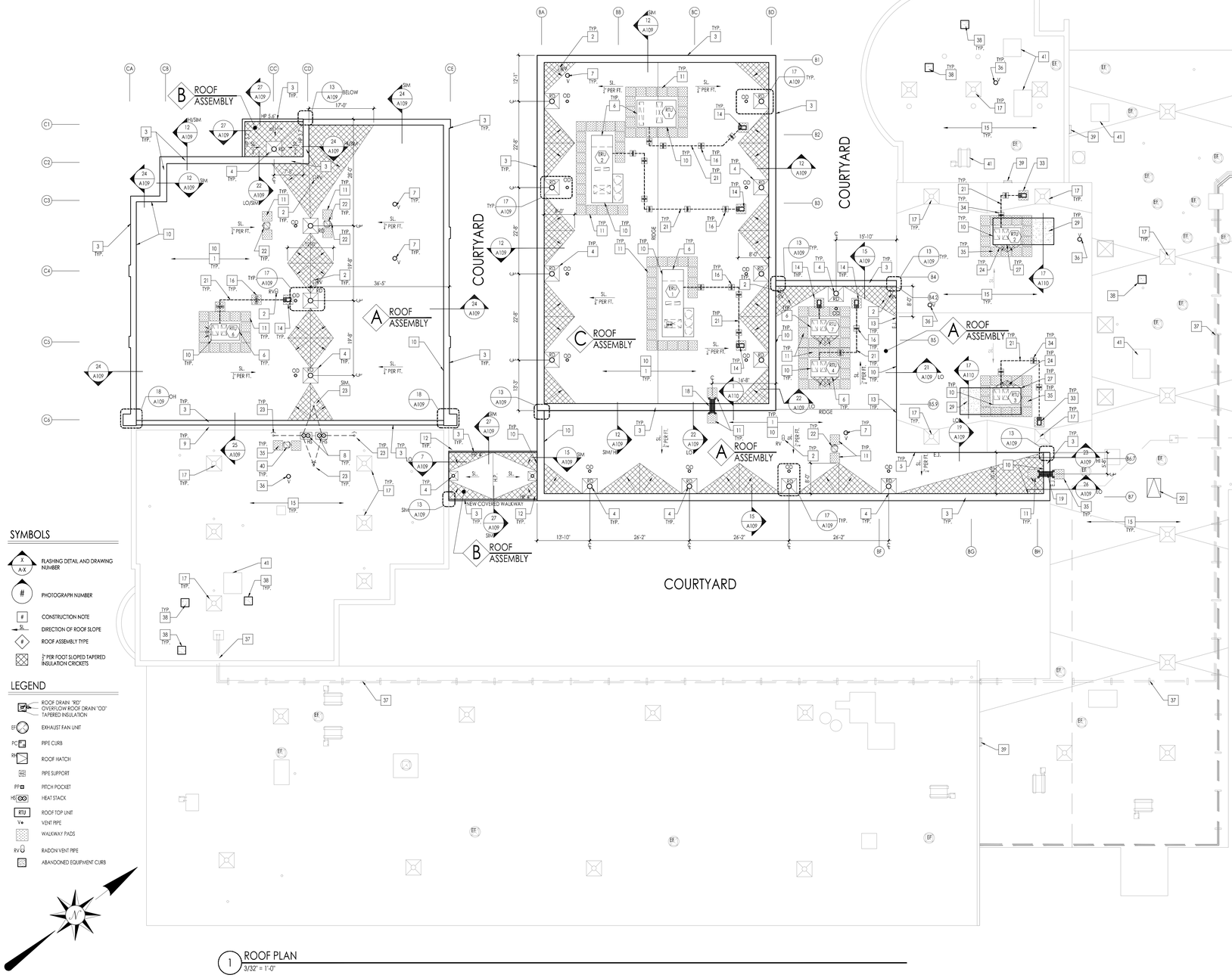
A. PROVIDE ROOFING MATERIALS THAT COMPLY WITH A CLASS 'A' SYSTEM.
B. NOT USED
C. ALL LOW SLOPED ROOF AREAS ARE MINIMUM OF ¼" PER FOOT IN THE FIELD AND ½" PER FOOT AT THE CRICKETS . UNLESS NOTED OTHERWISE. SLOPE OF CRICKET IS PERPENDICULAR TO CRICKET VALLEY LINE.
D. FRT WOOD BLOCKING SHOWN ON DRAWINGS IS DIAGRAMMATIC. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING CONSTRUCTION IN THICKNESS AND HEIGHT TO MATCH THICKNESS OF ROOF ASSEMBLY AND TO MAINTAIN A CONSTANT ROOF EDGE ELEVATION IN A HORIZONTAL PLANE UNLESS NOTED OTHERWISE.
E. ROOFING CONTRACTOR SHALL AT ALL TIMES HAVE A FULL SET OF DRAWINGS AND SPECIFICATIONS ON ROOF TOP WHILE WORK IS IN PROGRESS
F. ROOFING CONTRACTOR IS RESPONSIBLE TO RECTIFY ANY PONDING WATER ON FINISHED ROOF SURFACE THAT REMAINS AFTER 48 HOURS AT NO ADDITIONAL COST.
G. AREAS WHERE THE UNDER SIDE OF THE TECTUM DECK IS EXPOSED AS A CEILING, AND REMOVAL OF FASTENERS FROM PREVIOUS ROOF SYSTEM HAS CAUSED DAMAGE THE HOLES SHALL BE PATCHED AND PREPPED FOR PAINT, TYPICAL IN ALL LOCATIONS WHERE THIS OCCURS. REF FINISH SCHEDULE.
H. THE ROOFING CONTRACTOR IS RESPONSIBLE FOR FLASHING ALL ROOF TOP PENETRATIONS, UNITS, AND CURBS ON THE ROOFS TO A WATERTIGHT CONDITION TO BE INCLUDED IN THE MANUFACTURER'S WARRANTY. REVIEW ALL DRAWINGS INCLUDED IN THIS SET FOR ROOFTOP PENETRATIONS. ALL ROOF TOP PENETRATIONS, UNITS, AND CURBS SHALL BE RAISED A MINIMUM OF 8" ABOVE THE NEW ROOF SYSTEM.
I. ALL CRICKETS/ GUSSETS/ SADDLES SHALL HAVE A 3:5 RATIO, WHERE THIS CONDITION CANNOT BE ACHIEVED DUE TO VALLEY LINE OF CRICKET INTERSECTING MECHANICAL EQUIPMENT, PENETRATION AND A HIGH POINT GREATER THAN THE THRU-WALL COUNTERFLASHING, PROVIDE MAXIMUM CRICKET WIDTH TO PROMOTE POSITIVE DRAINAGE TO ALL ROOF DRAINS.
J. THE ROOFING CONTRACTOR SHALL FIELD VERIFY THE HEIGHT OF ALL WINDOW, PARAPET, DOOR AND OTHER OPENINGS ABOVE THE FINISHED ROOF. CHECK ALL TAPERED ROOF INSULATION HEIGHTS TO ENSURE A MIN. OF 8" CLEARANCE AT THE AREAS PRIOR TO ORDERING INSULATION. NOTIFY ARCHITECT OF ANY INCONSISTENCIES IMMEDIATELY FOR DIRECTION.
K. HIGH POINTS INDICATED ON DRAWINGS ARE SHOWN FOR GUIDANCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR FINAL TAPERED INSULATION DESIGN. ANY REQUIRED ADJUSTMENTS MADE BY THE CONTRACTOR TO THE INDICATED DESIGN GUIDELINES ARE AT NO ADDITIONAL COST TO THE OWNER.
L. UNLESS NOTED OTHERWISE ALL ROOFING, ACCESSORIES, MATERIALS, ETC. SHALL BE CONSIDERED NEW.
M. DRAIN LINES FROM EXISTING ROOFS WHERE NEW WORK IS BEING PREFORMED SHALL BE ELECTRICALLY CLEANED TO INVERT OF HOUSE STORM SEWER USING POWER ROOTER (TROTO-ROOTER). CONTRACTOR SHALL PROVIDE CERTIFICATION TO ARCHITECT AT COMPLETION OF PROJECT THAT THIS WORK HAS BEEN PERFORMED.
N. ROOFING CONTRACTOR SHALL MAKE NECESSARY TIE-INS AND ALTERATIONS TO EXISTING ROOF IN ACCORDANCE WITH ORIGINAL ROOF MANUFACTURERS REQUIREMENTS, SO AS TO MAINTAIN ORIGINAL WARRANTY ON EXISTING ROOF.

SYMBOLS

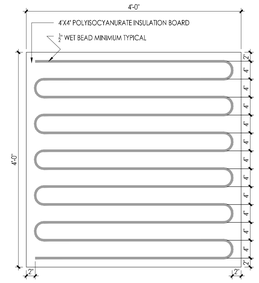
- FLASHING DETAIL AND DRAWING NUMBER (X / A-X)
- PHOTOGRAPH NUMBER (#)
- CONSTRUCTION NOTE (#)
- DIRECTION OF ROOF SLOPE (SL)
- ROOF ASSEMBLY TYPE (#)
- ¼" PER FOOT SLOPED TAPERED INSULATION CRICKETS

LEGEND

- ROOF DRAIN "RD" / OVERFLOW ROOF DRAIN "OD" TAPERED INSULATION
- EF EXHAUST FAN UNIT
- PC PIPE CURB
- RH ROOF HATCH
- PIPE SUPPORT
- PP PITCH POCKET
- HS HEAT STACK
- RTU ROOF TOP UNIT
- VENT PIPE
- WALKWAY PADS
- RV RADON VENT PIPE
- ABANDONED EQUIPMENT CURB



1 ROOF PLAN
3/32" = 1'-0"

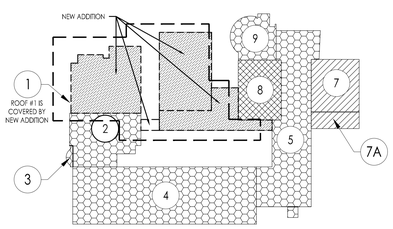


2 TYPICAL INSULATION ADHESIVE BEAD APPLICATION
1"=1'-0

CONSTRUCTION NOTES - EPDM

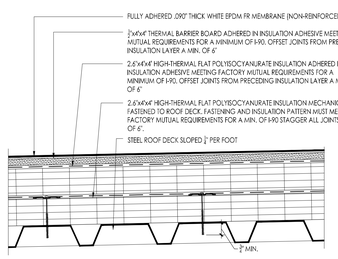
1. INSTALL ROOF PER ASSEMBLY NOTED ON PLAN AND SPECIFICATIONS. INSTALL WATER DIVERTING SADDLES/CRICKETS WHERE SHOWN ON PLANS WITH TAPERED INSULATION MINIMUM ¼" PER FOOT SLOPE - SLOPE IS PERPENDICULAR TO SADDLE/CRICKET VALLEY LINE. INSTALL FULLY-ADHERED .090" EPDM MEMBRANE IN BONDING ADHESIVE. DO NOT WALK OR RUN EQUIPMENT UPON NEWLY APPLIED ROOFING PLIES UNTIL THE ADHESIVE HAS SET UP TO ELIMINATE THE POTENTIAL FOR VOIDS. INSTALL NEW FLASHING AND METAL COUNTERFLASHING.
2. RADON VENT PIPE DISCHARGE. REF 10/A109. COORDINATE EXACT LOCATION WITH CHASE BELOW
3. METAL COPING COVER: INSTALL PRE FINISHED ALUMINUM COPING COVER IN GAGE DETERMINED BY WIDTH (REF DETAIL 1/A109 FOR GAGE CHART) WHERE CALLED FOR ON ROOF PLAN. FULLY ADHERE EPDM ROOFING MEMBRANE UP AND OVER WALL AND FASTEN. THE OUTSIDE VERTICAL LEG OF THE PERIMETER METAL FLASHING SHOULD EXTEND DOWN PAST THE TOP EDGE OF THE MASONRY BY 1" MINIMUM. THE EPDM SHOULD NOT BE SEEN IN THE LOCATION OF THE OUTSIDE VERTICAL LEG. INSTALL COPING COVER IN SECTIONS JOINED WITH ANCHOR CLIPS AND SPLICE PLATES TO ALLOW FOR MOVEMENT. INSTALL 12' WIDE 20 GAUGE GALVANIZED ANCHOR CLIPS 4'-0" O.C. ATTACH WITH FASTENERS SUPPLIED WITH THE COPING SYSTEM. COPING COVERS CORNERS MUST BE MITERED. COPING SYSTEM MUST BE INCLUDED UNDER THE ROOFING MANUFACTURER'S WARRANTY AND MEET FM I-90 FOR WIND UPLIFT. COLOR SELECTED BY ARCHITECT.
4. AT NEW ROOF DRAIN LOCATIONS: CUT DECK TO ACCOMMODATE DRAIN INSTALLATION. FRAME OPENING WITH STRUCTURAL ANGLES. REF STRUCTURE FOR ALL STEEL SUPPORTS. INSTALL CAST IRON ROOF DRAIN AND ASTM SCHEDULE 40 PVC ROOF DRAIN CONDUCTOR EXTENSION AS SPECIFIED. REF PLUMBING. SLOPE CONDUCTOR AND FASTEN TO STRUCTURE AND MASONRY WALLS AS INDICATED IN PLUMBING DRAWINGS. REF PLUMBING FOR CLEAN-OUTS. INSULATION. PLASTIC COATED SEMI-RIGID PIPE INSULATION AND DRAIN BOWEL WITH RIGID INSULATION. - (SEE DETAIL 17/A-109.)
5. RISING EXISTING CAVITY WALL: WHERE THE EXISTING (2) WYTHE MASONRY WALL REQUIRES THRU-WALL FLASHING AT ROOF BASE. REMOVE AND REPLACE BRICK IN 36" SECTIONS WIDE AND A MINIMUM 3 COURSES HIGH TO INSTALL THROUGH WALL STAINLESS STEEL MECHANICALLY KEYED RECEIVER AND TWO-PIECE COUNTERFLASHING AS DETAILED. SEE PROPOSED ROOF PLAN FOR EACH CONDITION - SEE DETAIL 19/A109.
6. ROOFTOP EQUIPMENT: NEW STRUCTURAL/SEISMIC ROOF CURBS WITH FRT WOOD BLOCKING WITH MINIMUM 8" FLASHING HEIGHT REQUIRED. APPLY EPDM ROOFING MEMBRANE UP CURB USING SECUREMENT STRIP AT BASE OF CURB AND FASTEN ALONG TOP EDGE. INSTALL TWO-PIECE COUNTERFLASHING UP UNDER THE ROOFTOP UNIT'S COUNTERFLASHING WITH CONTINUOUS CORNERS. REF MECHANICAL FOR CURB TYPE. STRUCTURE FOR STEEL SUPPORT AND REF 8/A109 FOR ROOF FLASHING.
7. VENT PIPE FLASHINGS: PROVIDE AND INSTALL PREFORMED FLASHINGS AT PIPES. SECURE TOP OF FLASHING WITH A STRAP CLAMP. INSTALL WATERLOCK BEFORE TIGHTENING STRAP CLAMP. WHERE PIPES ARE LESS THAN 8" ABOVE NEW ROOF SURFACE EXTEND PIPE TO A MINIMUM OF 8" ABOVE FINISHED ROOF - SEE DETAIL 3/A109.
8. NEW HEAT STACKS THROUGH EXISTING ROOF ASSEMBLY TO REMAIN WITH GALVANIZED STEEL GUY WIRE TO SUPPORT AT ROOF, REF MECHANICAL FOR HEAT STACK AND 12/A110 FOR INSTALLATION AND FLASHING
9. NEW CONSTRUCTION TIE-IN TO EXISTING ROOFING ASSEMBLY - CUT AND REMOVE EXISTING ROOFING METAL EDGING, COPING AND RELATED MEMBRANE FLASHING MATERIALS TO FACILITATE INSTALLATION OF NEW WATERPROOFING FLASHING SYSTEMS. INSTALL EPDM MEMBRANE FLASHING TO EXISTING MEMBRANE TIE-IN AS PER MANUFACTURER'S REQUIREMENTS. REF WARRANTY LEGEND, A108, REF 25/A109
10. ALL CONDITIONS MEETING THE ROOFING PERPENDICULAR; INSTALL INSULATION AND SECUREMENT STRIP FASTENED TO ROOF DECK AT THE BASE OF THE WALL. RUN EPDM MEMBRANE UP VERTICAL SURFACE. ADHERE MEMBRANE TO INSULATION AND VERTICAL SURFACE WITH BONDING ADHESIVE AND TO THE SECUREMENT STRIP WITH SPLICE ADHESIVE. APPLY WATERLOCK BEHIND MEMBRANE JUST BELOW THE TOP EDGE OF THE MEMBRANE. SECURE MEMBRANE ALONG THE TOP EDGE EPDM THROUGH TERMINATION BAR 6' O.C. AND APPLY SEALANT. COVER ALL TERMINATION BARS WITH TWO-PIECE METAL COUNTERFLASHING.
11. WALKWAY PADS - INSTALL AROUND ALL ROOFTOP UNITS, ROOFTOP EQUIPMENT AND ROOF ACCESS POINTS SUCH AS ACCESS LADDERS AND ROOF HATCHES. MODIFY WALKWAYS AS REQUIRED SO THAT THE PAD DOES NOT IMPEDE THE FREE FLOW OF WATER TO THE DRAINAGE POINTS. SEE DETAIL 16/A109.
12. RAIN WATER CONDUCTOR BOOT: INSTALL NEW RAIN WATER CONDUCTOR BOOT . SEE DETAIL 28/ A109. REF CIVIL DRAWINGS FOR EXACT LOCATION.
13. AT ALL RISING EIFS WALLS WITH BUILDING EXPANSION JOINT, MAINTAIN 8" FLASHING HEIGHT MINIMUM. FLASHING HEIGHT. INSTALL TWO PIECE COUNTER FLASHING WITH RECEIVER SET BEHIND THE WALL PANEL AS DETAILED. SEAL BOTTOM OF EIFS PER INDUSTRY STANDARDS - SEE DETAIL 21/A109.
14. PROVIDE CONC SPLASH BLOCK ON WALKWAY PAD. TYPICAL SEE DETAIL 5/ A109 AT NEW ROOF .
15. EXG ROOFS TO REMAIN ARE UNDER WARRANTY. INSTALLATION OF ROOFTOP EQUIPMENT IN THESE AREAS SHALL BE DONE IN ACCORDANCE WITH THE ROOFING MANUFACTURES REQUIREMENTS TO MAINTAIN SAID WARRANTY, TYPICAL.
16. INSTALL PIPE SUPPORT W/ WEAR PAD, SPACING OF PIPE SUPPORT PER MANUFACTURES REQUIREMENTS. REF 9/A109
17. EXISTING ROOF DRAIN TO REMAIN. REF GENERAL ROOF CONSTRUCTION NOTE 'M' FOR ADDITIONAL INFORMATION ON EXISTING DRAINS IN THE CONSTRUCTION AREA
18. ROOF ACCESS LADDER. REF DETAIL 1/A110.
19. ROOF CROSSOVER LADDER. REF DETAIL 2/A110.
20. EXISTING ROOF ACCESS HATCH
21. NEW CONDENSATE LINE. REF MECHANICAL
22. TYPICAL EQUIPMENT CURB FLASHING AT NEW ROOF TOP EQUIPMENT ON NEW ROOF, REF MECHANICAL FOR TYPE AND LOCATIONS, REF 11/A109 FOR FLASHING INFORMATION
23. SUSPENSION GUY WIRE STEEL SUPPORT IN EXISTING ROOF ASSEMBLY TO REMAIN. REF 12/A110 FOR SUPPORT SYSTEM AND FLASHING. REF MECHANICAL SHEETS
24. PROVIDE CRICKET AT NEW RTU'S, AND OTHER ROOF EQUIPMENT, AT ¼"/FT FOR POSITIVE DRAINAGE AT UNITS, REF ROOF WARRANTY INFORMATION THIS SHEET.
25. EXISTING GAS LINE ON EXISTING PIPE SUPPORT TO REMAIN, REF MECHANICAL
26. NEW REFRIGERANT LINES ON NEW PIPE SUPPORTS ON WARE PADS ON EXISTING ROOF ASSEMBLY, REF ROOF WARRANTY LEGEND FOR ROOF TYPE AND WARRANTY AND REF 11/A110. REF MECHANICAL
27. NEW UNIT ON NEW CURB IN EXISTING LOCATION. FIELD VERIFY THAT NEW UNIT SITS ON EXISTING CURB STEEL. REMOVE EXISTING STEEL THAT IS UN-USED BY NEW UNIT, AND ADD NEW STEEL SUPPORT AND NEW ROOF DECK IN LOCATIONS WHERE NEW CURB IS NOT SUPPORTED BY EXISTING STEEL. REF 9/A110 FOR NEW CURB FLASHING AND MECHANICAL. REF STRUCTURE FOR NEW STEEL REINFORCEMENT.
28. NEW UNIT ON NEW CURB. REF MECHANICAL AND ROOF TYPE WARRANTIES INFORMATION. REF STRUCTURE FOR UNIT STEEL REINFORCEMENT. REF 9/A110 FOR CURB FLASHING DETAIL.
29. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING STEEL ANGLE SUPPORTS, INSTALLATION OF NEW STEEL ANGLE SUPPORTS AND ROOF INFILL WITH NEW MECHANICAL UNIT AND EXISTING CONDITIONS IN FIELD. REF TO 16/A110 FOR ROOF AND DECK INFILL IN THIS LOCATION. REF 19/A110 FOR TYPICAL INFILL AT METAL DECK. REFER TO MECHANICAL DRAWINGS.
30. ROOF INFILL AT REMOVED EQUIPMENT ON EXISTING ROOF ASSEMBLY, REF ROOF WARRANTY INFORMATION, INFILL PER MANUFACTURER'S RECOMMENDATIONS, REF GENERAL ROOF CONSTRUCTION NOTE 'N' . TYP
31. NEW UNIT ON NEW SUPPORT RAIL. REF MECHANICAL FOR TYPE AND LOCATION. ROOF WARRANTY INFORMATION AND REF 13/A110 FOR NEW CURB FLASHING IN EXISTING ROOF ASSEMBLY. REF STRUCTURE FOR STEEL SUPPORT UNDER NEW CURB.
32. NEW PIPE CURB. REF MECHANICAL FOR CURB INFO. REF A108 FOR ROOF WARRANTY INFORMATION. AND FLASHING DETAIL 14/A110.
33. CONCRETE SPLASH BLOCK ON WARE PAD ON EXISTING ROOF ASSEMBLY TO REMAIN. REF 5/A110 AND ROOF WARRANTY INFORMATION ON SHEET A108
34. NEW PIPE SUPPORT ON WARE PAD COMPATIBLE WITH EXISTING ROOF ASSEMBLY TO REMAIN. REF PLUMBING AND MECHANICAL SHEETS. REF ROOF WARRANTY INFORMATION ON THIS SHEET AND 11/A110
35. WALKWAY PADS ON EXISTING ROOF ASSEMBLY TO REMAIN - INSTALL AROUND ALL NEW ROOFTOP UNITS, ROOFTOP EQUIPMENT ON EXISTING ROOF ASSEMBLY, MODIFY WALKWAY PADS AS REQUIRED SO THAT THE PAD MUST NOT IMPEDE THE FREE FLOW OF WATER TO THE DRAINAGE POINTS. REF ROOF TYPE WARRANTY INFORMATION FOR WALK PADS COMPARABLE WITH EXISTING ROOF. REF 10/A110
36. NEW VENT PIPE FLASHING IN EXISTING ROOF ASSEMBLY: PROVIDE AND INSTALL PREFORMED FLASHINGS AT PIPES. SECURE TOP OF FLASHING WITH A STRAP CLAMP. INSTALL WATERBLOCK BEFORE TIGHTENING STRAP CLAMP. REF PLUMBING AND FLASHING DETAIL 15/A110.
37. EXISTING CONDUIT ON EXISTING SUPPORTS TO REMAIN
38. ABANDONED EQUIPMENT CURB REF MECHANICAL DEMOLITION AND A107 FOR EQUIPMENT BEING REMOVED IN THESE LOCATIONS. EXISTING CURBS TO REMAIN AND RECEIVE NEW CURB COVER. REF MECHANICAL AND 8/A110.
39. EXISTING ROOF ACCESS LADDERS TO REMAIN
40. NEW EXHAUST FAN IN EXISTING ROOF ASSEMBLY. REF MECHANICAL AND 18/A110 FOR CURB FLASHING AND CURB SUPPORT
41. EXISTING ROOF TOP EQUIPMENT TO REMAIN. REF MECHANICAL

EXISTING ROOF WARRANTY INFO. LEGEND
PRINCETON COMMUNITY PARK ELEMENTARY SCHOOL
372 Witherspoon St, Princeton, NJ 08542



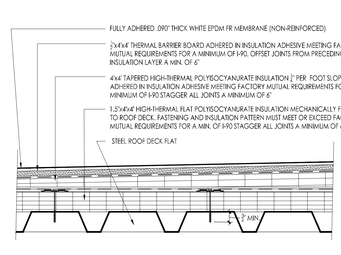
	PRJ. #	AREA	MANUFACTURERS' WARRANTY #	ROOFING SYSTEM	DATE INSTALLED	WARRANTY EXPIRATION	RECOMMENDED REPLACEMENT YEAR
	N/A.	4,000 S.F. +/-	CARLISLE / 111541-0	EPDM	08/29/2012	09/03/2032	2032
	N/A.	3,707 +/- S.F.	CARLISLE / 111518-15	EPDM	07/18/2014	12/14/2034	2044
	N/A.	36,000 S.F. +/-	CARLISLE / 158920	EPDM	11/14/2022	01/30/2043	2043

NOTE:
FOR INSULATION ADHESIVE BEAD SPACING SEE DETAIL (2) THIS SHEET



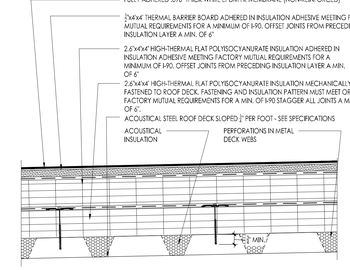
A ROOF ASSEMBLY R-value 30
3"=1'-0"

NOTE:
FOR INSULATION ADHESIVE BEAD SPACING SEE DETAIL (2) THIS SHEET



B ROOF ASSEMBLY (CANOPY)
3"=1'-0"

NOTE:
FOR INSULATION ADHESIVE BEAD SPACING SEE DETAIL (2) THIS SHEET



C ROOF ASSEMBLY (GYM) R-value 30
3"=1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00127700 | PA - RA402009
JASON J. LEBLANC
NJ - 21AI00127700 | PA - RA414585
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00031100 | PA - RA414585
Architect

Date 10/10/25

FVHD Architecture Planning Interiors
Fraytak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

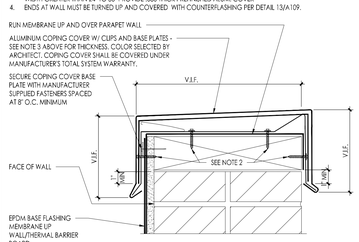
Scale
1/16" = 1'-0"

Drawing Name
ADDITION ROOF PLAN

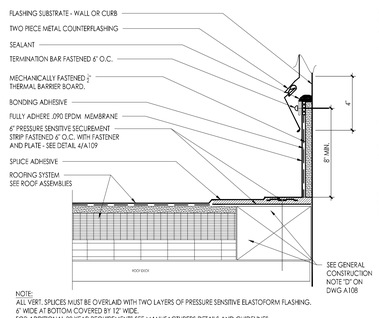
Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A108

NOTE:
1. PRE-ENGINEERED METAL SHALL BE SUPPLIED BY ROOFING MANUFACTURER AND INCLUDED IN MANUFACTURER'S WARRANTY.
2. USE ONLY MANUFACTURER'S SUPPLIED FASTENERS FOR ATTACHMENT.
3. FOR COPING COVER WITH A WIDTH LESS THAT 16" PROVIDE .050 THICK PREFINISHED ALUM. COVER. FOR WIDTH GREATER THAN 16" PROVIDE .063 THICK PREFINISHED ALUM. COVER. FOR COPING COVER WITH A WIDTH GREATER THAN 24" TO 36" PROVIDE .080 THICK PREFINISHED ALUM. COVER
4. ENDS AT WALL MUST BE TURNED UP AND COVERED WITH COUNTERFLASHING PER DETAIL 13/A109.

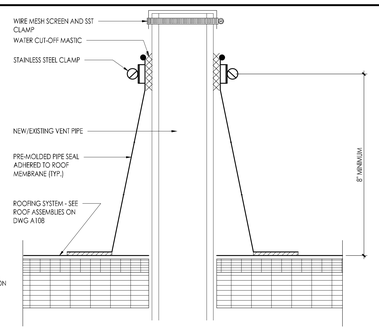


1 TYPICAL COPING AT PARAPET WALL
3" = 1'-0"

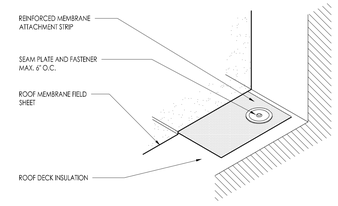


NOTE:
ALL VERT. SPLICES MUST BE OVERLAID WITH TWO LAYERS OF PRESSURE SENSITIVE ELASTOFORM FLASHING, 6" WIDE AT BOTTOM COVERED BY 12" WIDE.
FOR ADDITIONAL 30 YEAR REQUIREMENTS SEE MANUFACTURERS DETAILS AND GUIDELINES.

2 TYPICAL BASE FLASHING DETAIL
3" = 1'-0"

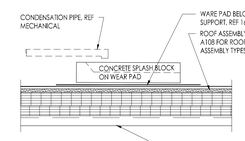


3 TYPICAL VENT PIPE DETAIL
3" = 1'-0"



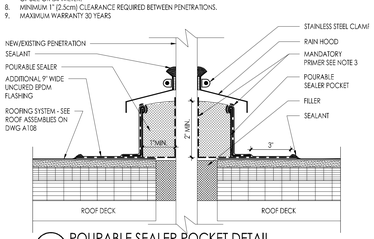
4 TYPICAL SECUREMENT STRIP DETAIL
3" = 1'-0"

NOTE:
WALKWAYS MUST NOT IMPEDE THE FREE FLOW OF WATER TO THE DRAINAGE POINTS

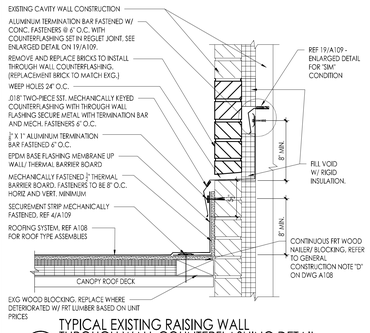


5 TYPICAL SPLASH BLOCK DETAIL
1-1/2" = 1'-0"

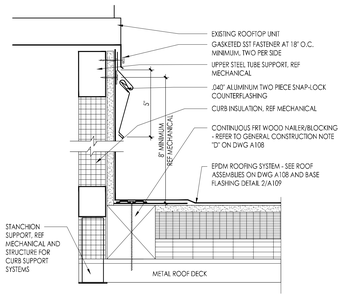
NOTES:
1. THE MAXIMUM ALLOWABLE SURFACE TEMPERATURE OF THE PENETRATION SHALL NOT EXCEED 180° F (82° C).
2. ALL DEBRIS (PAINT, RUST, LEAD, OTHER FLASHINGS, ETC.) MUST BE REMOVED FROM THE PENETRATION.
3. ALL SURFACES MUST BE PRIMED WITH EPDM PRIMER PRIOR TO APPLYING POURABLE SEALER. DO NOT PRIME THE BLUE PLASTIC SUPPORT STRIP.
4. POURABLE SEALER MUST COMPLETELY FILL POURABLE SEALER POCKET TO PREVENT PONDING OF WATER.
5. POURABLE SEALER MUST CONTACT PRIMED QUICK-APPLIED UNCURED EPDM FLASHING AND DECK MEMBRANE.
6. SECUREMENT IS REQUIRED FOR POURABLE SEALER POCKETS WHICH ARE GREATER THAN 18" (46cm) IN DIAMETER. REFER TO SPECIFICATIONS.
7. ON MECHANICALLY-FASTENED ROOFING SYSTEMS, ADDITIONAL MEMBRANE SECUREMENT IS REQUIRED REGARDLESS OF SIZE OR DIAMETER.
8. MINIMUM 1" (2.5cm) CLEARANCE REQUIRED BETWEEN PENETRATIONS.
9. MAXIMUM WARRANTY 30 YEARS



6 POURABLE SEALER POCKET DETAIL
3" = 1'-0"

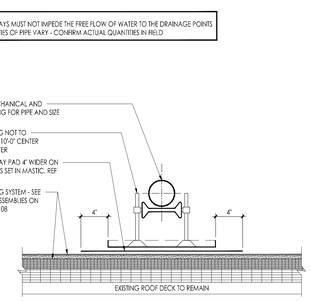


7 TYPICAL EXISTING RAISING WALL THROUGH WALL COUNTERFLASHING DETAIL
1-1/2" = 1'-0"

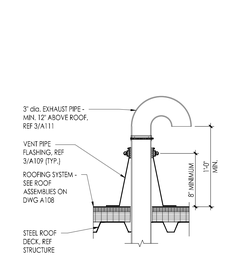


8 TYPICAL NEW ROOFTOP UNIT CURB FLASHING
3" = 1'-0"

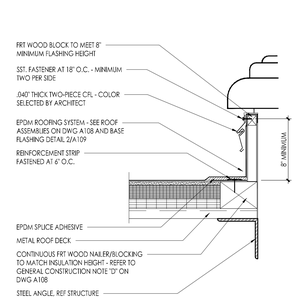
NOTE:
WALKWAYS MUST NOT IMPEDE THE FREE FLOW OF WATER TO THE DRAINAGE POINTS
QUANTITIES OF PIPE VARY - CONFIRM ACTUAL QUANTITIES IN FIELD



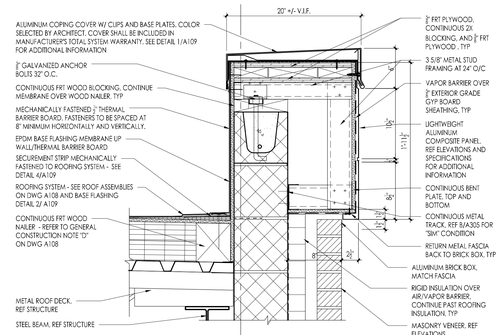
9 TYPICAL PIPE SUPPORT DETAIL
1-1/2" = 1'-0"



10 TYPICAL RADON PIPE FLASHING
1 1/2" = 1'-0"



11 TYPICAL EQUIPMENT CURB DETAIL
1-1/2" = 1'-0"



12 PARAPET COPING COVER (GYM)
1-1/2" = 1'-0"

13 TYPICAL METAL COPING COVER TERMINATION AT RISING WALL
1-1/2" = 1'-0"

14 METAL COPING COVER TERMINATION
N.T.S.

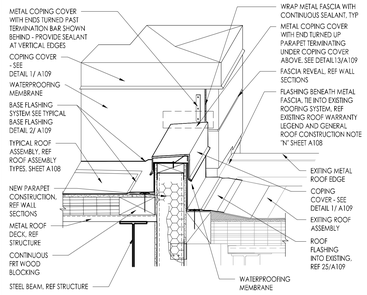
15 PARAPET COPING COVER (CORRIDOR)
1-1/2" = 1'-0"

NOTE:
WALKWAYS MUST NOT IMPEDE THE FREE FLOW OF WATER TO THE DRAINAGE POINTS

16 TYPICAL WALK WAY PAD DETAIL
1-1/2" = 1'-0"

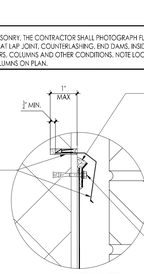
NOTES:
1. ALL BOLTS OR CLAMPS MUST BE IN PLACE TO PROVIDE CONSTANT COMPRESSION ON WATER CUT-OFF MASTIC.
2. CUT THE MEMBRANE SO IT EXTENDS A MINIMUM OF 3" FROM THE ATTACHMENT POINTS OF THE DRAIN CLAMPING RING.
3. HOLE IN MEMBRANE MUST EXCEED SIZE OF DRAIN PIPE.
4. INSULATION FAPER SHALL NOT BE STEEPER THAN 6 INCHES (VERTICAL) IN 12 INCHES (HORIZONTAL).

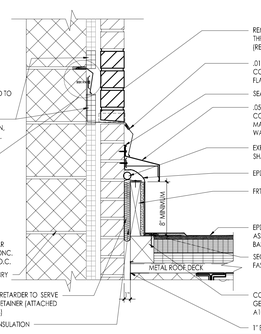
17 TYPICAL ROOF DRAIN AND OVERFLOW DETAIL
1-1/2" = 1'-0"



18 METAL FASCIA TERMINATION AND FLASHING
1" = 1'-0"

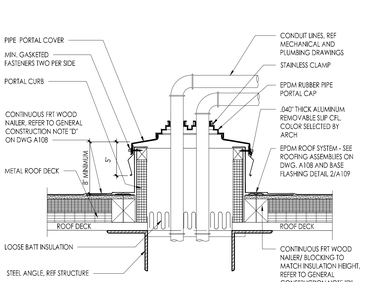
NOTE:
PRIOR TO REINSTALLING MASONRY, THE CONTRACTOR SHALL PHOTOGRAPH FLASHING INSTALLATION AND DETAILS AT LAP JOINT, COUNTERFLASHING, END DAMS, INSIDE CORNERS, OUTSIDE CORNERS, COLUMNS AND OTHER CONDITIONS. NOTE LOCATION AND PROXIMITY TO NEAREST COLUMNS ON PLAN.





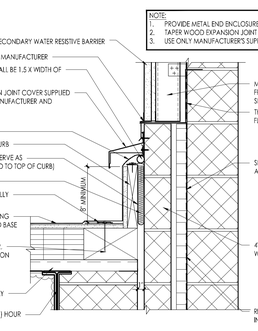
NOTE:
1. PROVIDE METAL END ENCLOSURE FOR WOOD BLOCKING.
2. TAPER WOOD EXPANSION JOINT CURB AT EACH END, WHERE APPLICABLE
3. USE ONLY MANUFACTURER'S SUPPLIED FASTENERS FOR ATTACHMENT.

19 EXPANSION JOINT @ CAVITY WALL
1-1/2" = 1'-0"



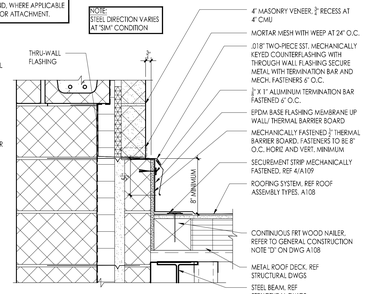
20 TYPICAL NEW PIPE CURB
1-1/2" = 1'-0"

NOTE:
1. PROVIDE METAL END ENCLOSURE FOR WOOD BLOCKING.
2. TAPER WOOD EXPANSION JOINT CURB AT EACH END, WHERE APPLICABLE
3. USE ONLY MANUFACTURER'S SUPPLIED FASTENERS FOR ATTACHMENT.



21 EXPANSION JOINT FLASHING
1-1/2" = 1'-0"

NOTE:
STEEL DIRECTION VARIES AT "SIM" CONDITION



22 LOWER ROOF FLASHING
1-1/2" = 1'-0"

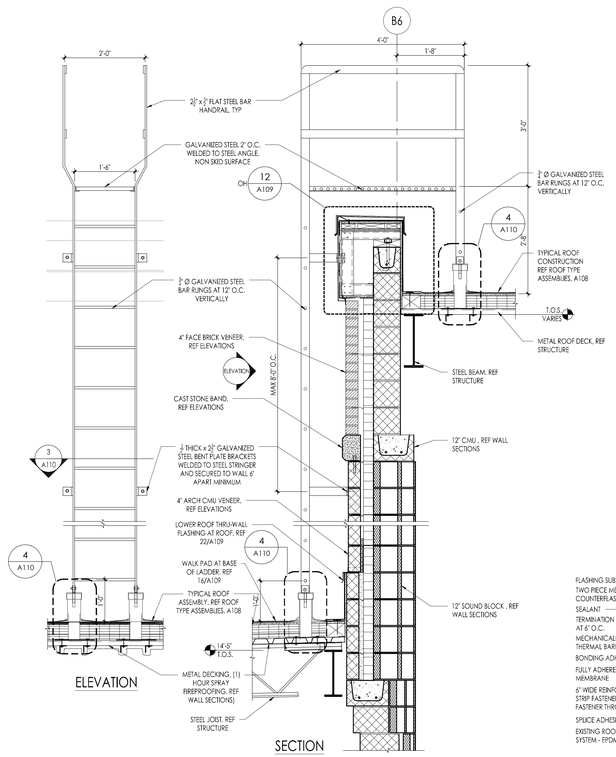
23 PARAPET CAP FLASHING (CORRIDOR)
1-1/2" = 1'-0"

24 PARAPET COPING COVER (CLASSROOM)
1-1/2" = 1'-0"

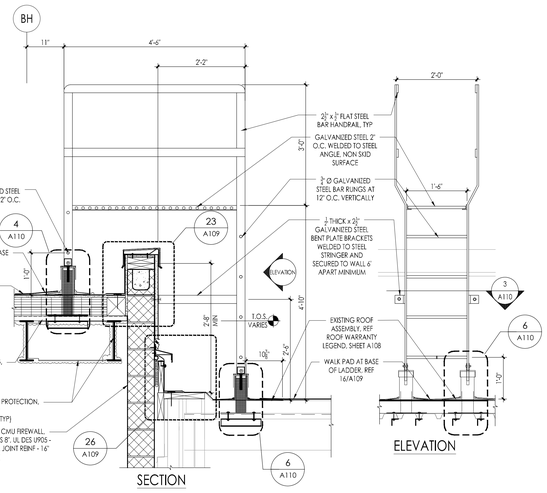
25 PARAPET DETAIL (CLASSROOM)
1-1/2" = 1'-0"

26 CONTROL JOINT FLASHING (CORRIDOR)
1-1/2" = 1'-0"

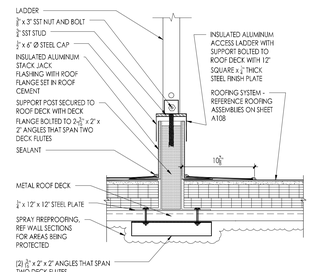
ALUMINUM COPING COVER W/ CLIPS AND BASE PLATES. COLOR SELECTED BY ARCHITECT. COVER SHALL BE INCLUDED IN MANUFACTURER'S TOTAL SYSTEM WARRANTY. SEE DETAIL 1/A109 FOR ADDITIONAL INFORMATION
EPDM BASE FLASHING MEMBRANE OVER MECHANICALLY FASTENED 2" THERMAL BARRIER BOARD. FASTENERS TO BE SPACED AT 8" MINIMUM HORIZONTALLY AND VERTICALLY.
SECUREMENT STRIP MECHANICALLY FASTENED TO ROOFING SYSTEM - SEE DETAIL 4/A109
ROOFING SYSTEM - SEE ROOF ASSEMBLIES ON DWG A108 AND BASE FLASHING DETAIL 2/ A109
CONTINUOUS FRT WOOD NAILER/BLOCKING TO ACCOMMODATE INSULATION HEIGHT - REFER TO GENERAL CONSTRUCTION NOTE "D" ON DW



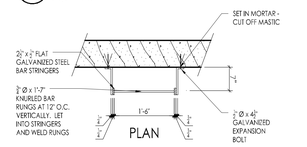
1 ROOF ACCESS LADDER (GYM)
Scale: 3/4" = 1'-0"



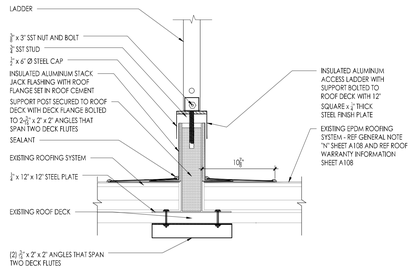
2 ROOF ACCESS LADDER (LOWER ROOF)
Scale: 3/4" = 1'-0"



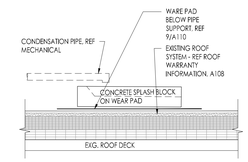
4 TYPICAL LADDER SUPPORT STANCHION
1-1/2" = 1'-0"



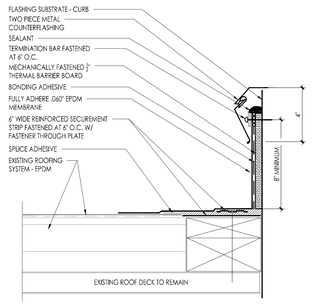
3 TYPICAL ROOF ACCESS LADDER PLAN
1-1/2" = 1'-0"



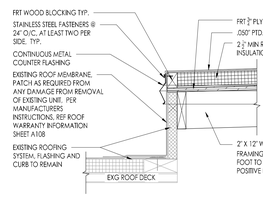
6 TYPICAL LADDER SUPPORT STANCHION AT (EX-ROOF)
1-1/2" = 1'-0"



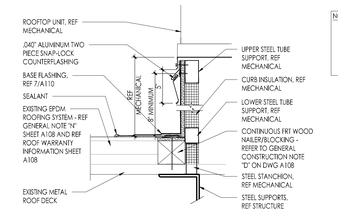
5 TYPICAL SPLASH BLOCK DETAIL
1-1/2" = 1'-0"



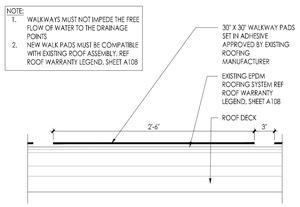
7 TYPICAL BASE FLASHING DETAIL (EX-ROOF)
3" = 1'-0"



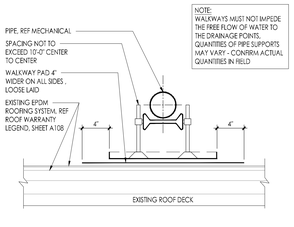
8 CAP AT EXISTING CURB (EX-ROOF)
1-1/2" = 1'-0"



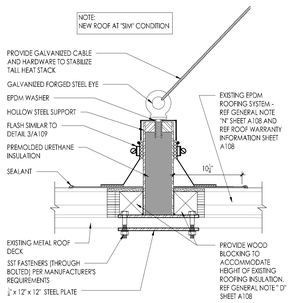
9 TYPICAL ROOFTOP UNIT FLASHING DETAIL AT (EX-ROOF)
1-1/2" = 1'-0"



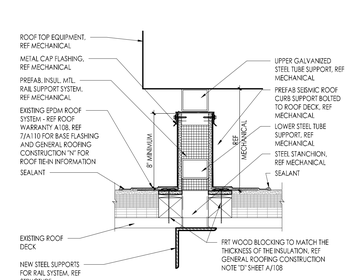
10 WALK WAY PAD DETAIL (EX-ROOF)
1-1/2" = 1'-0"



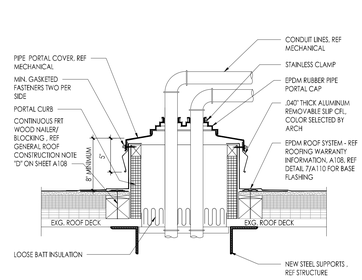
11 PIPE SUPPORT DETAIL (EX-ROOF)
1-1/2" = 1'-0"



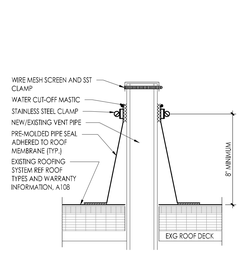
12 GUY WIRE SUPPORT ON (EX-ROOF)
N.T.S.



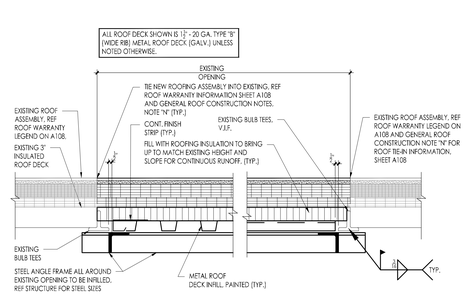
13 EQUIPMENT SUPPORT RAIL DETAIL (EX-ROOF)
1-1/2" = 1'-0"



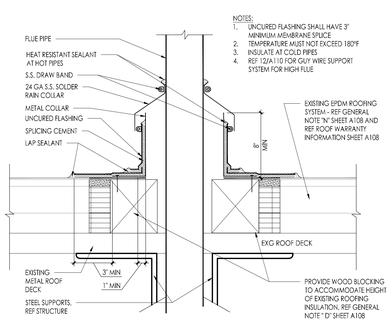
14 TYPICAL PIPE CURB FLASHING (EX-ROOF)
1-1/2" = 1'-0"



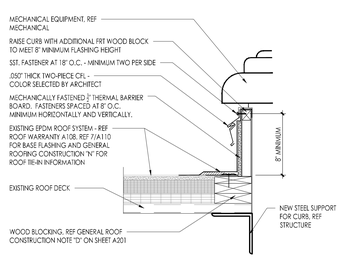
15 VENT PIPE DETAIL(EX-ROOF)
1 1/2" = 1'-0"



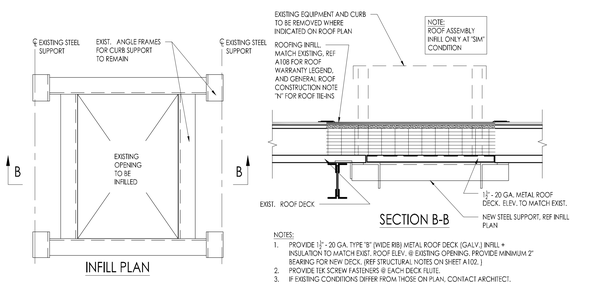
16 OPENING INFILL DETAIL AT EXISTING BULB TEES
1 1/2"=1'-0"



17 TYPICAL ROUND PENETRATION DETAIL @ HEAT STACK
3" = 1'-0"



18 EQUIPMENT CURB DETAIL (EPDM)
1-1/2" = 1'-0"



NOTES:
1. PROVIDE 1½" - 20 GA. TYPE "B" (WIDE RIB) METAL ROOF DECK (GALV.) INFILL + INSULATION TO MATCH EXIST. ROOF ELEV. @ EXISTING OPENING. PROVIDE MINIMUM 2" BEARING FOR NEW DECK. (REF STRUCTURAL NOTES ON SHEET A102.)
2. PROVIDE TEK SCREW FASTENERS @ EACH DECK FLUTE.
3. IF EXISTING CONDITIONS DIFFER FROM THOSE ON PLAN, CONTACT ARCHITECT.

19 DECK AND ROOF INFILL - STEEL DECK
1 1/2" = 1'-0"

NJDCA Electronic Release Stamp

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10/10/25
Date
Architect
FVHD
fabian vanaria
Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

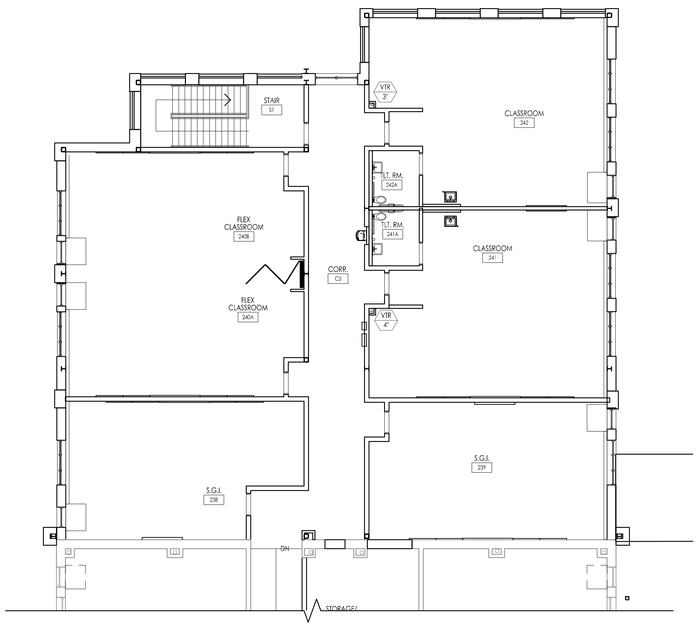
Scale
AS NOTED

Drawing Name
ADDITION ROOF DETAILS

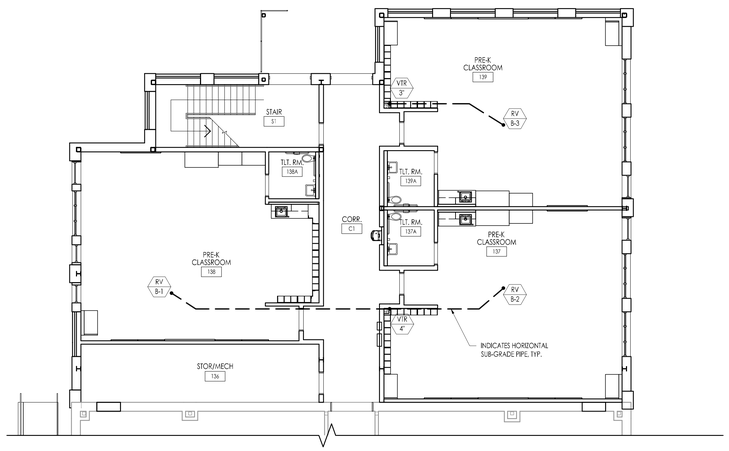
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A110



1 AREA OF WORK 'C2' - SECOND FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'C1' - FIRST FLOOR
1/8" = 1'-0"

RADON VENT CALCULATIONS

LOCATION	AREA	REQUIRED	SUPPLIED
AREA 'C1' CLASSROOM ADDITION	4,321 S.F.	3 VENTS	3 VENTS

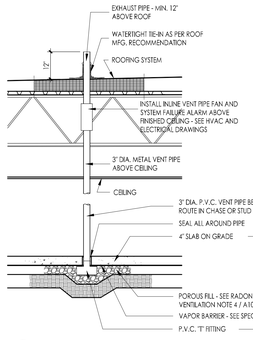
RADON PLAN LEGEND

INDICATES PIPE VENT
VENT NUMBER

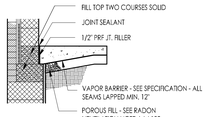
INDICATES VENT THROUGH ROOF

RADON VENTILATION NOTES:

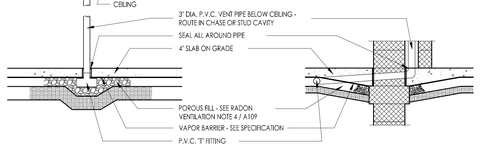
1. ALL SEAMS AT VAPOR BARRIER SHALL BE LAPPED MIN. 12". ALL JOINTS IN FOUNDATION WALLS AND FLOOR SLABS SHALL BE SEALED WITH APPROVED RADON JOINT SEALANT AS PER N.J.A.C. 5:23-10.4.
2. ALL OPENINGS / PENETRATIONS OF ALL FOUNDATION WALLS AND SLABS, ALL JOINTS IN ALL FOUNDATION WALLS AND SLABS AND ALL SLAB / WALL JOINTS SHALL BE SEALED WITH POLYURETHANE CAULK FOR RADON PROTECTION.
3. RADON VENTING PLAN SHOWS LOCATION OF 'T' PIPE FITTING AND 3" DIAMETER P.V.C. VENT PIPE COVERING 1500 SQ. FT. OF PLAN AREA COMPLYING WITH U.C.C. SUBCHAPTER 10. VENT PIPES ARE VENTED THROUGH ROOF. ALL VENT PIPES ABOVE CEILING OR LOCATED IN AIR PLENUMS AND NOT ENCLOSED IN A CHASE SHALL BE GAUGE METAL PIPE.
4. FLOORS OF BASEMENTS AND SLAB ON GRADE CONSTRUCTION SHALL BE PLACED OVER A BASE COURSE OF NOT LESS THAN FOUR INCHES (4") IN THICKNESS OF GRAVEL OR CRUSHED STONE CONTAINING NOT MORE THAN TEN PERCENT (10%) OF MATERIAL THAT PASSES THROUGH A No. 4 SIEVE. SEE SOILS REPORT AND SPECIFICATION FOR ACTUAL REQUIRED THICKNESS OF POROUS FILL.
5. GENERAL CONTRACTOR SHALL PROVIDE VENT PIPE AND COORDINATE LOCATION AND ROUTE OF VENT.
6. VENT PIPES SHALL BE LABELED AT INTERVALS OF NOT MORE THAN 25' IN CONCEALED LOCATIONS, NOT MORE THAN 50' IN EXPOSED LOCATIONS AND NOT LESS THAN ONCE IN ANY ROOM OR SPACE.
7. SEE RADON VENTILATION PLANS ON DRAWINGS A109 - A110.



A RADON VENTING DETAIL
Scale: 1/2" = 1'-0"

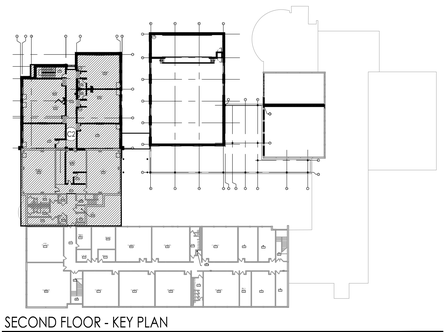


B RADON SEALANT DETAIL
Scale: 1/2" = 1'-0"

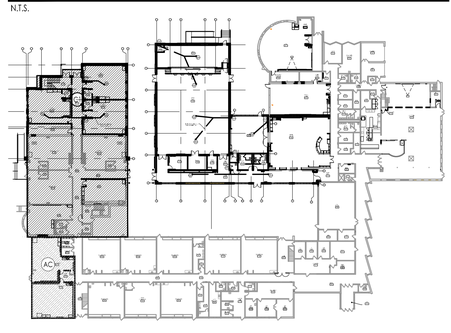


C RADON VENTING DETAIL
Scale: 1/2" = 1'-0"

3 Typical Radon Ventilation Details
Scale: As Noted



SECOND FLOOR - KEY PLAN
N.T.S.



BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION

FIRST FLOOR - KEY PLAN
N.T.S.

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NJ - 21AI01775000 | PA - RA426090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414565
10/10/25
Date
Architect
FVHD Architects Planners
Frayjak Velez Hopkins Duthie PC
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Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

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Princeton Public Schools

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372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

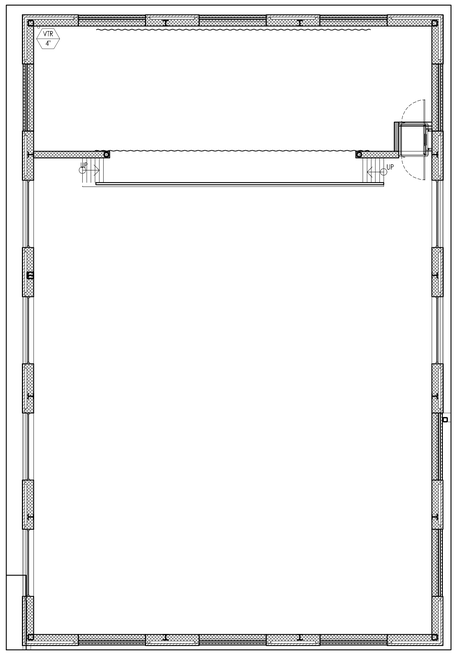
Scale
AS NOTED

Drawing Name
RADON VENTILATION PLANS - WORK AREA 'C'

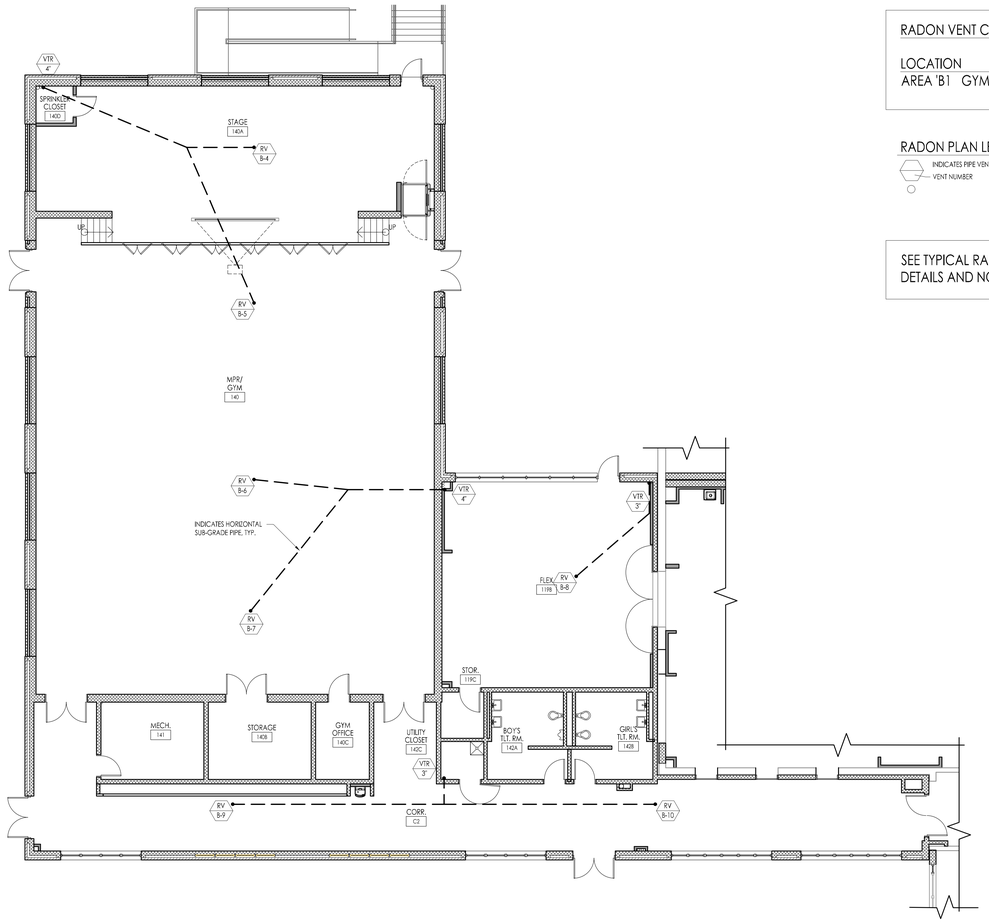
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A111



1 AREA OF WORK 'B2' - FIRST FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'B1' - FIRST FLOOR
1/8" = 1'-0"

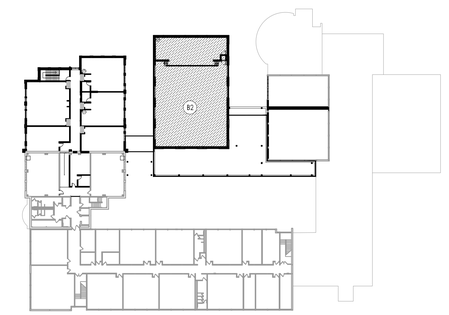
RADON VENT CALCULATIONS

LOCATION	AREA	REQUIRED	SUPPLIED
AREA 'B1 GYM/MULTIPURPOSE ROOM	9,666 S.F.	7 VENTS	7 VENTS

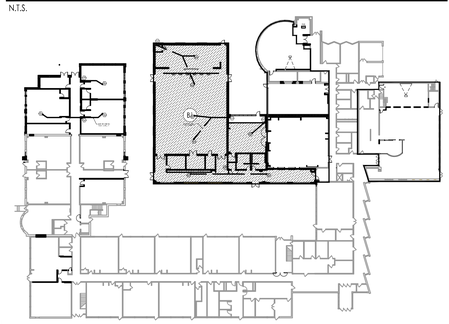
RADON PLAN LEGEND

INDICATES PIPE VENT
VENT NUMBER
INDICATES VENT THROUGH ROOF

SEE TYPICAL RADON VENTILATION DETAILS AND NOTES - DETAIL 1 / A111.



SECOND FLOOR - KEY PLAN
N.T.S.



BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION

FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

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Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
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Project Name
Addition and Renovations to Community Park Elementary School

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Princeton Public Schools

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Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

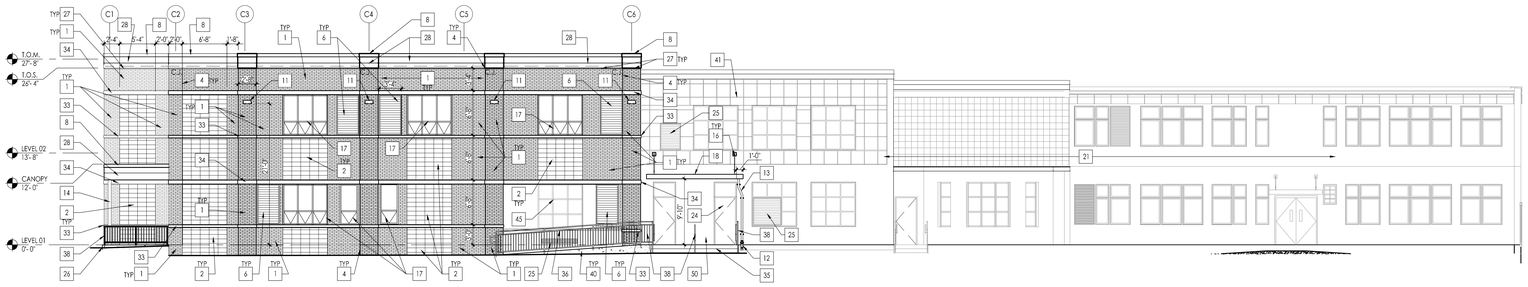
Scale
AS NOTED

Drawing Name
RADON VENTILATION PLANS - WORK AREA 'B'

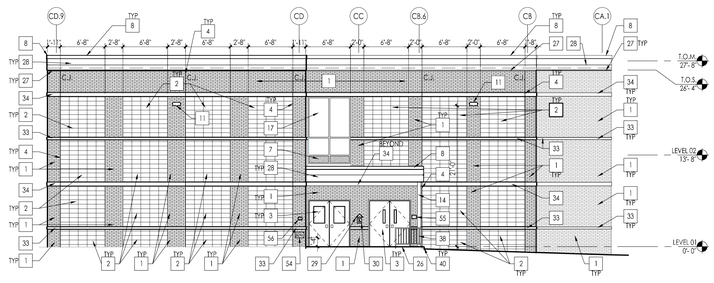
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

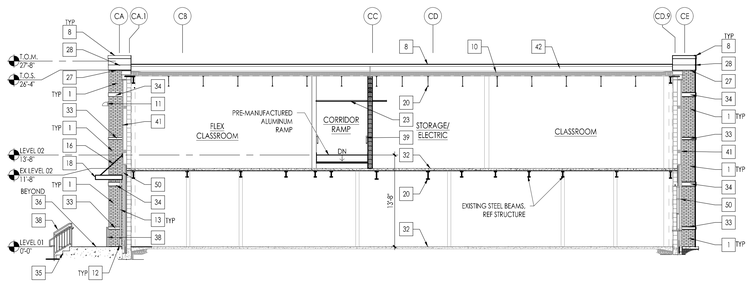
Drawing Number
A112



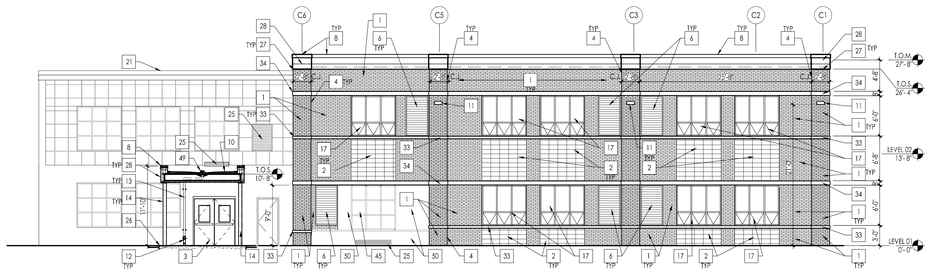
1 EXTERIOR ELEVATION
1/8"=1'-0"



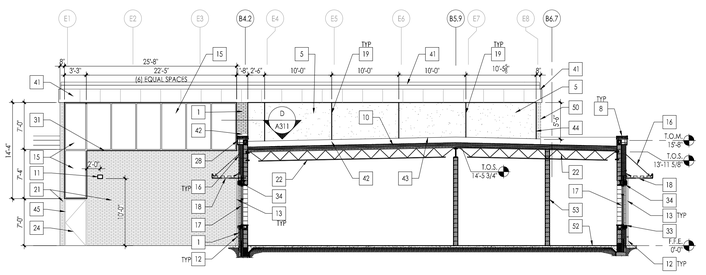
2 EXTERIOR ELEVATION
1/8"=1'-0"



3 EXTERIOR (SOUTH) ELEVATION
1/8"=1'-0"

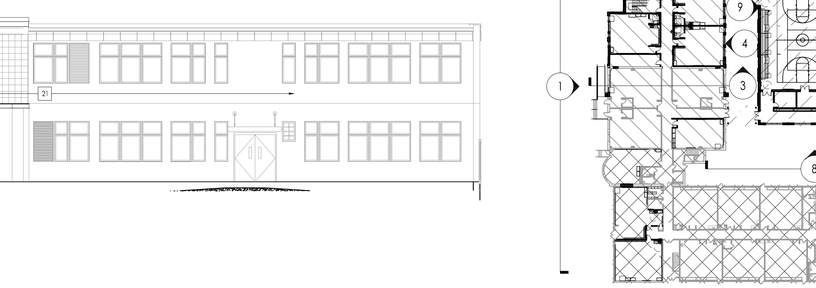


4 EXTERIOR ELEVATION
1/8"=1'-0"

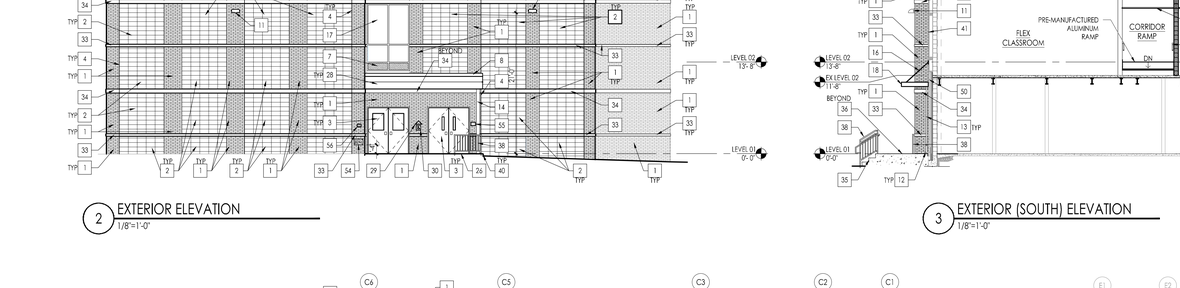


5 EXTERIOR ELEVATION
1/8"=1'-0"

6 EXTERIOR ELEVATION
1/8"=1'-0"



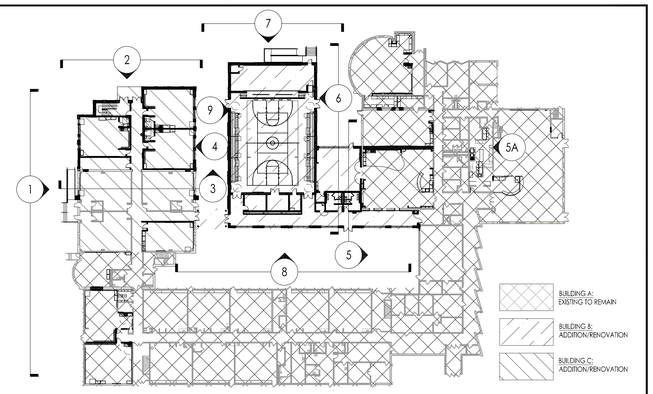
7 EXTERIOR ELEVATION
1/8"=1'-0"



8 EXTERIOR ELEVATION
1/8"=1'-0"

9 EXTERIOR ELEVATION
1/8"=1'-0"

5A INFILL ELEVATION (MEDIA CENTER)
1/8"=1'-0"



KEY PLAN
N.T.S.

KEYNOTE FINISH LEGEND

1. 4" BRICK VENEER, RUNNING BOND
2. 4" ARCHITECTURAL CMU VENEER, STACKED BOND WITH EQUAL PIECES ON BOTH SIDES
3. FRP DOOR IN ALUMINUM FRAME, REF DOOR SCHEDULE
4. MASONRY CONTROL JOINT, REF 3/G003
5. EXTERIOR INSULATION FINISH SYSTEM, EIFS
6. MECHANICAL LOUVER, REF A602 AND MECHANICAL SHEETS
7. INSULATED METAL PANEL, MATCH CURTAIN WALL
8. PRE-FINISHED METAL COPING COVER, REF 1/A109 AND D/A304
9. TRANSLUCENT FIBERGLASS INSULATED PANEL SYSTEM WITH INTEGRATED INSULATED ALUMINUM PANEL SYSTEM, REF ALUMINUM STOREFRONT AD KALWALL FRAMES, REF SHEET A601
10. INDICATES ROOF ASSEMBLY, REF A108 FOR ROOF TYPE ASSEMBLIES
11. EXTERIOR WALL PACK LIGHTING, REF ELECTRIC
12. RAINWATER CONDUCTOR BOOT, REF 28/A109 AND CIVIL FOR EXACT LOCATION
13. .050" ALUMINUM DOWNSPOUT WITH LEADER STRAPS, MATCH PER MANUFACTURED CANOPIES
14. EXPOSED STEEL TUBE COLUMN PAINTED, REF STRUCTURE
15. ALUMINUM STOREFRONT SYSTEM, REF A601
16. CANOPY SUPPORTS AND ESCUTCHEON PLATE PER MANUFACTURE, COLOR SELECTED BY ARCHITECT
17. ALUMINUM WINDOW SYSTEM - SEE WINDOW TYPES, A601 (TYP.)
18. PRE-MANUFACTURED OVERHEAD CANOPY WITH SUPPORT, REF ELECTRIC FOR CANOPIES WITH LIGHTS, COLOR SELECTED BY ARCHITECT
19. EIFS CONTROL JOINT - SEE DETAIL B/A310 (TYP.)
20. EXISTING STRUCTURAL STEEL TO REMAIN
21. EXISTING BUILDING TO REMAIN
22. STRUCTURAL STEEL, REF STRUCTURE
23. NEW CEILING AT RAMP AREA, REF CEILING PLAN
24. EXISTING DOOR IN EXISTING FRAME TO REMAIN
25. EXISTING MECHANICAL LOUVER TO REMAIN, REF MECHANICAL
26. FROST FREE CONCRETE STOOP, REF STRUCTURE
27. 2" PRE-FINISHED METAL BRICK BOX TRIM WITH HEMMED EDGE, MATCH SOFFIT
28. PRE-FINISHED COMPOSITE ALUMINUM PANEL SYSTEM FASCIA
29. TRUSS CONSTRUCTION EMBLEM SIGN, SIGN TYPE 21- SEE SIGN TYPES ON A602, FINAL LOCATION TO BE DETERMINED BY ARCHITECT (TYP.)
30. BARRIER FREE SIGN, TYPE 1 - SEE SIGN TYPES ON A601, FINAL LOCATION OF SIGN TO BE DETERMINED BY ARCHITECT
31. PRE-FINISHED ALUMINUM SILL WITH HEMMED EDGE, MATCH STOREFRONT, REF SS/A602
32. EXISTING CONCRETE FLOOR, REF ROOM FINISH SCHEDULE FOR NEW FINISHES IN THIS AREA
33. CAST STONE SILL, REF A-C/A303 AND A-D/A303
34. CAST STONE SILL, REF A-A/A303 AND A-B/A303
35. CONCRETE STAIR LANDING AND GUARDRAIL, REFER TO A504 FOR PLANS AND DETAILS
36. CONCRETE RAMP WITH LANDINGS AND HANDRAILS, REFER TO A500 SERIES DRAWINGS FOR DETAILS
37. REVEAL AT CONCRETE STAIRS AND RAMP WALLS, REF 16/A504
38. ALUMINUM GUARDRAIL AND RAILING SYSTEM, REFER TO A500 SERIES DRAWINGS FOR DETAILS
39. WALL MOUNTED ALUMINUM HANDRAIL, REFER TO A500 SERIES DRAWINGS FOR DETAILS
40. SMOOTH TROWEL FINISH ON ALL EXPOSED VERTICAL CONCRETE WALL SURFACES, TYP.
41. EXISTING METAL PANEL SYSTEM TO REMAIN
42. THRU-WALL ROOF FLASHING, REF ROOF PLAN
43. EIFS STARTER TRACK WITH WEEPING SYSTEM, REF WALL SECTIONS
44. CONTINUOUS SEALANT AND BACKER ROD, ALL SIDES, COLOR SELECTED BY ARCHITECT
45. EXISTING STOREFRONT TO REMAIN, PATCH AND REPAIR ANY DAMAGE FROM DEMOLITION AND OR NEW CONSTRUCTION IN THIS AREA
46. ROOF ACCESS LADDER, REF 1/A110
47. STEEL CROSS-OVER LADDER, REF 2/A110
48. LADDER SUPPORT STANCHION, IN EXISTING ROOF, REF 6/A110
49. ROOF DRAIN, REF ROOF PLAN
50. EXISTING BRICK VENEER TO REMAIN, PATCH AND REPAIR IN LOCATIONS DAMAGED FROM DEMOLITION AND OR NEW WORK IN THIS AREA
51. METAL SOFFIT SYSTEM, REF WALL SECTIONS
52. CONCRETE FLOOR ON CLEAN COMPACTED FILL, REF 2/A303 FOR ADDITIONAL INFORMATION
53. CMU WALL PARTITIONS, REF PARTITION TYPES
54. DATE STONE - REF 1/A601
55. AREA OF REFUGE LOCATION SIGN, REF SIGNAGE TYPES, SHEET A601
56. HIGH SECURITY LOCK BOX - SEE SPECIFICATION, LOCATION TO BE DETERMINED BY ARCHITECT

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00127700
JASON J. LUBOWITCH, AIA
NJ - 21AI00127500 | PA - RA406709
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00331100 | PA - RA414585
Date
10/10/25
Architect
FVHDPC Architects Planners
Frayjak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
FVHDPC.COM

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

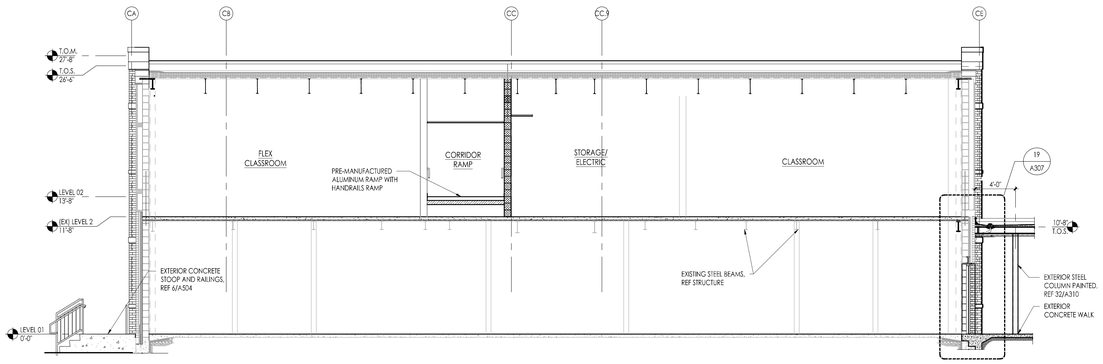
Scale
AS NOTED

Drawing Name
EXTERIOR ELEVATIONS

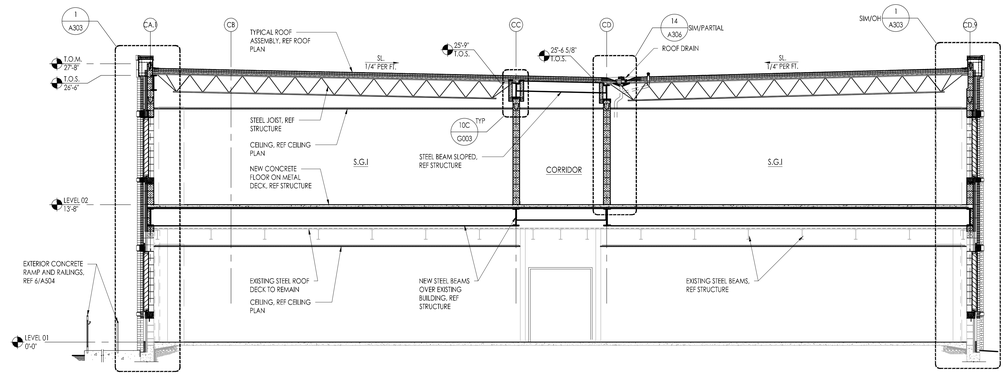
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A201



A BUILDING SECTION
Scale : 3/16" = 1'-0"



B BUILDING SECTION
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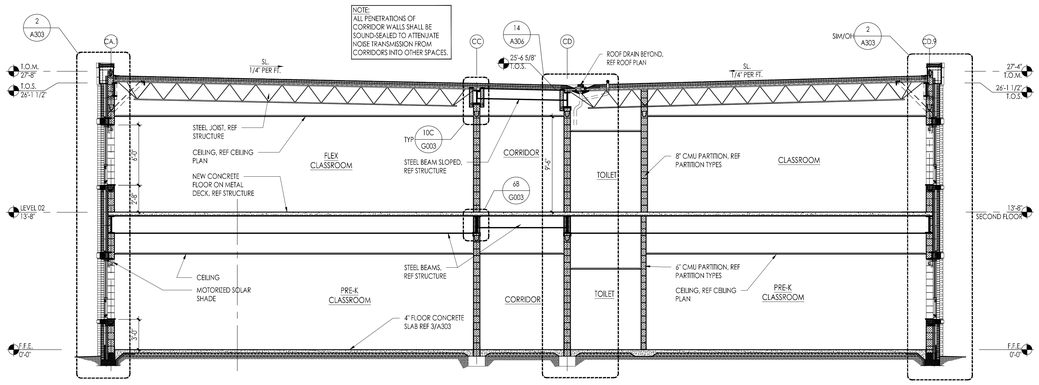
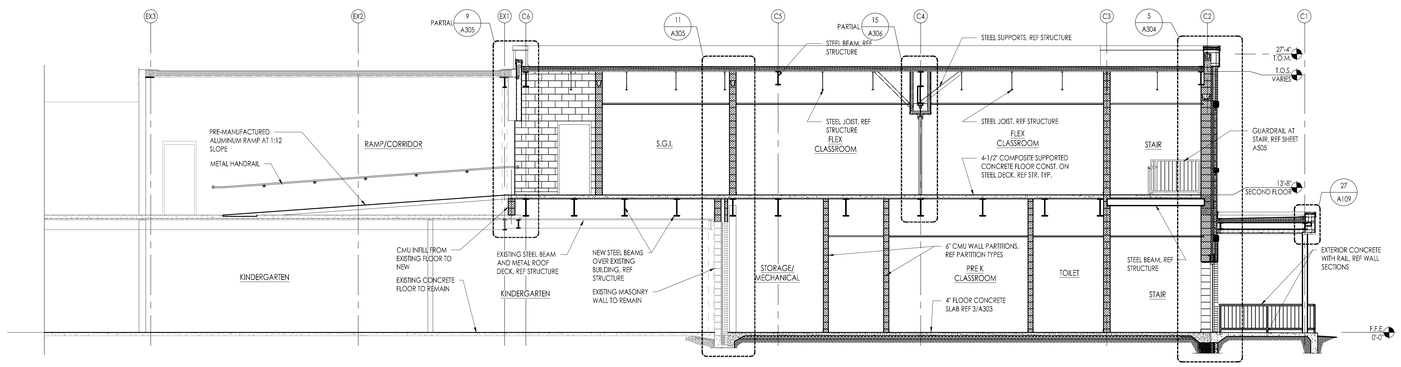
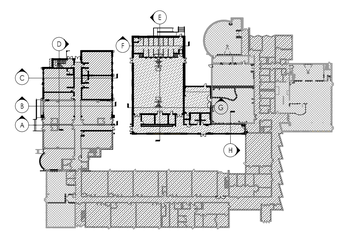


C BUILDING SECTION
Scale : 3/16" = 1'-0"



D BUILDING SECTION (LONGITUDINAL)
Scale : 3/16" = 1'-0"

BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION



KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01706000 | PA - RA012520X
JASON J. LUBOWITCH, AIA
NJ - 21AI01779200 | PA - RA406290
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414585
10/10/25
Date
Architect
FVHD Fitzhugh Scott Fraiyak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

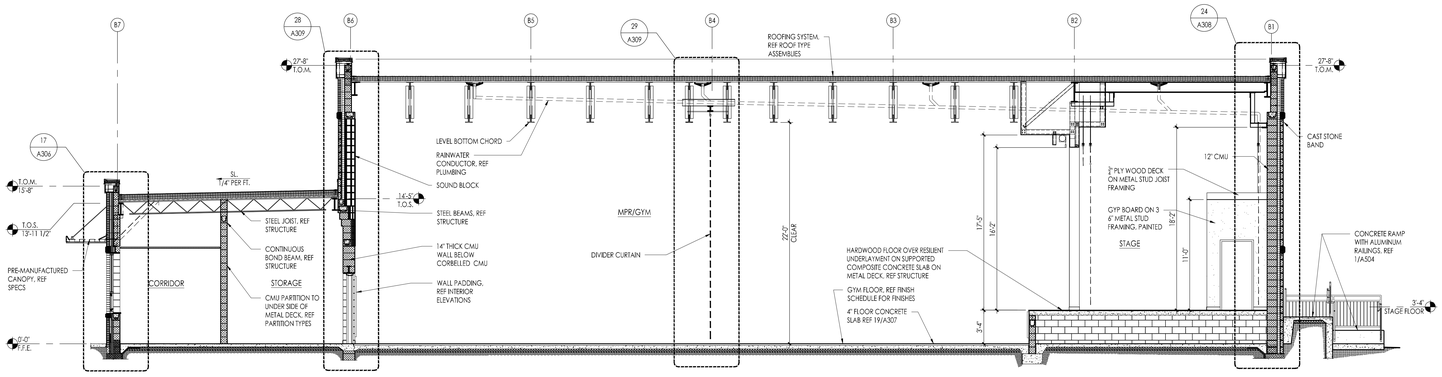
Project Number
5516C
Project Date
10.10.2025
Checked By
GRD
Drawn By
BO
Scale
AS NOTED

Drawing Name
BUILDING SECTIONS - WORK AREA 'C' - CLASSROOM WING ADDITION

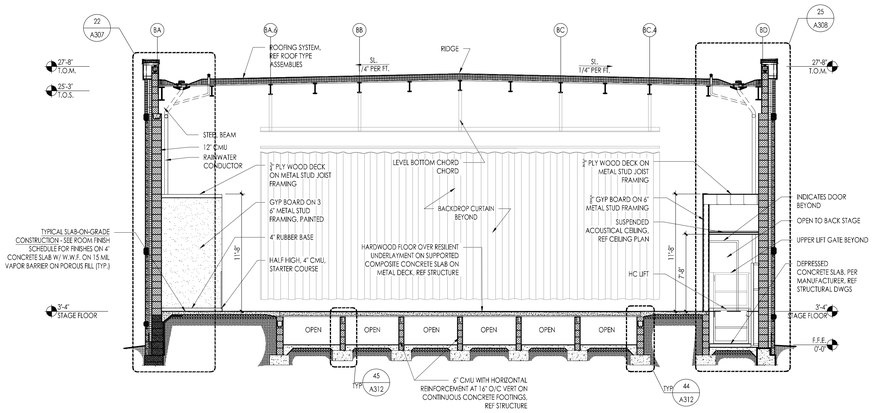
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

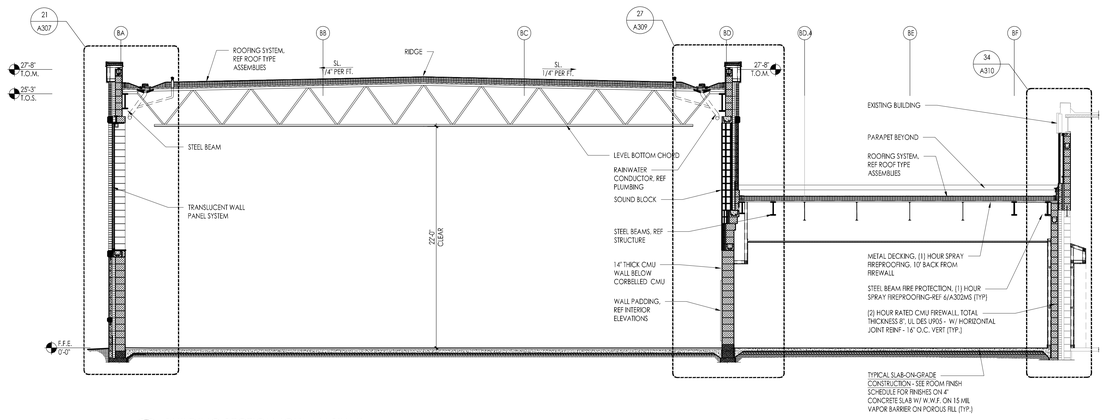
Drawing Number
A301



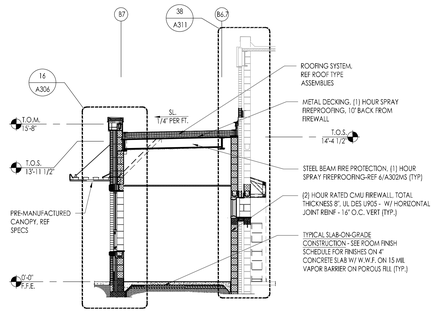
E BUILDING SECTION (GYMNASIUM)
Scale : 3/16" = 1'-0"



F BUILDING SECTION (GYMNASIUM)
Scale : 3/16" = 1'-0"

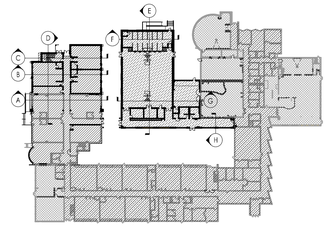


G BUILDING SECTION (GYMNASIUM)
Scale : 3/16" = 1'-0"



H BUILDING SECTION (CORRIDOR)
Scale : 3/16" = 1'-0"

BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION



KEY PLAN
NTS

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00127700
JASON J. LOUBOWITCH, AIA
NJ - 21AI00127900 | PA - RA406200
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00331001 | PA - RA414585
10/10/25
Date
Architect

FVHDPC.COM
Frayjak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road
Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue
Mont Clare - Pennsylvania 19453

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

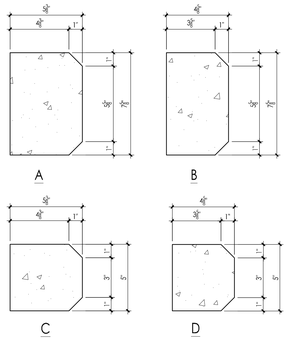
Scale
AS NOTED

Drawing Name
BUILDING SECTIONS - WORK AREA 'B' - GYM ADDITION

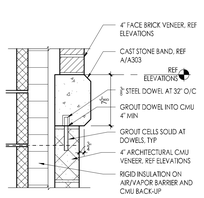
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

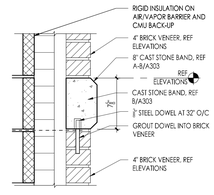
Drawing Number
A302



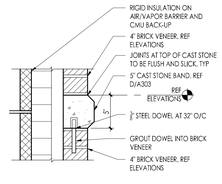
A CAST STONE SILL/BANDS
Scale: 3" = 1'-0"



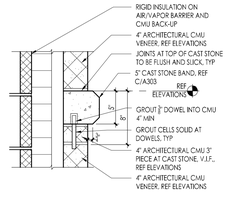
B CAST STONE BAND DETAIL
1 1/2" = 1'-0"



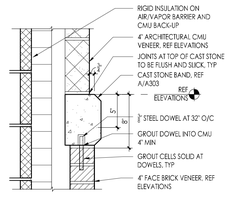
C CAST STONE BAND DETAIL
1 1/2" = 1'-0"



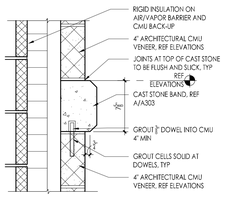
D CAST STONE BAND DETAIL
1 1/2" = 1'-0"



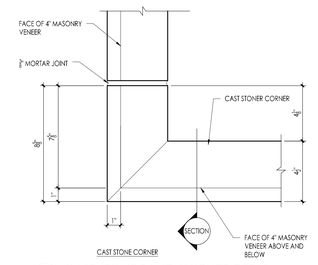
E CAST STONE BAND DETAIL
1 1/2" = 1'-0"



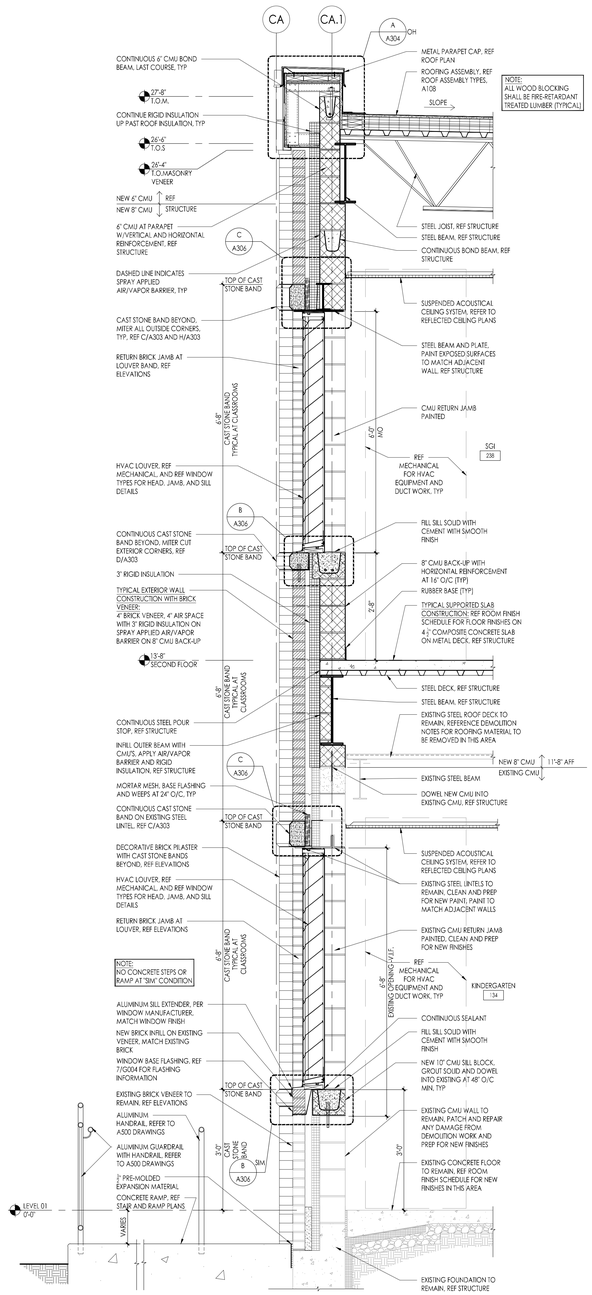
F CAST STONE BAND DETAIL
1 1/2" = 1'-0"



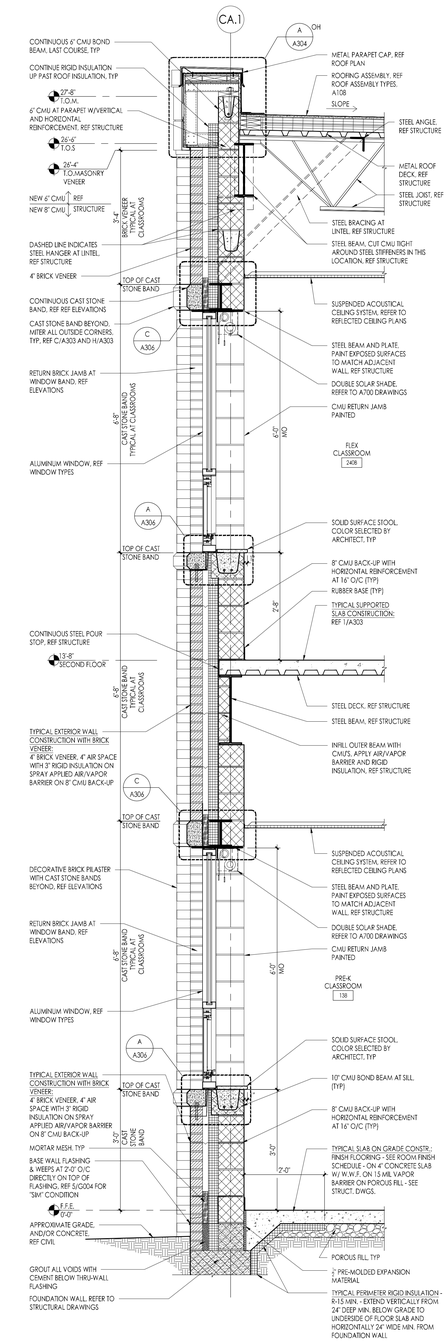
G CAST STONE BAND DETAIL
1 1/2" = 1'-0"



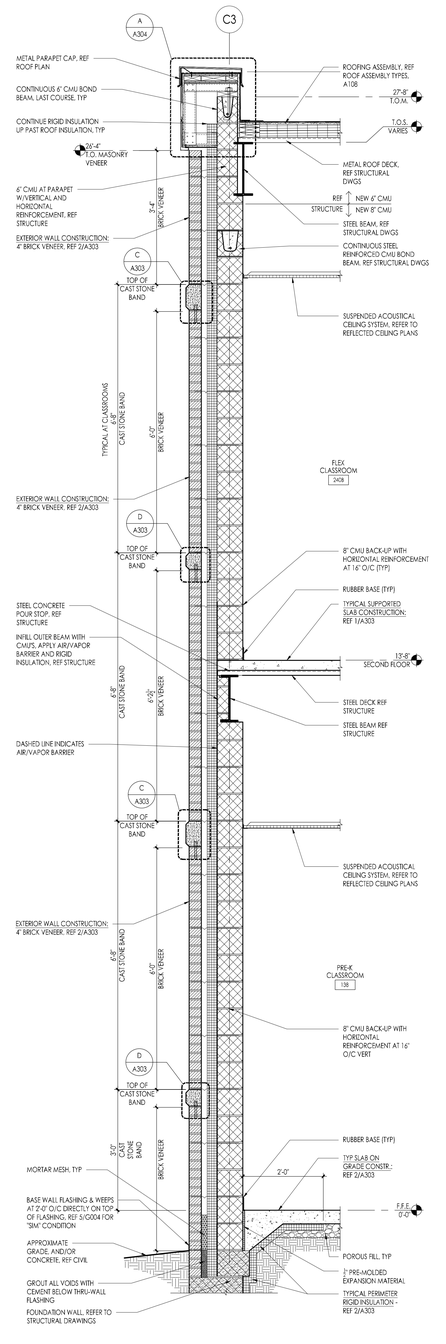
H CAST STONE BAND CORNER DETAIL
Scale: 3" = 1'-0"



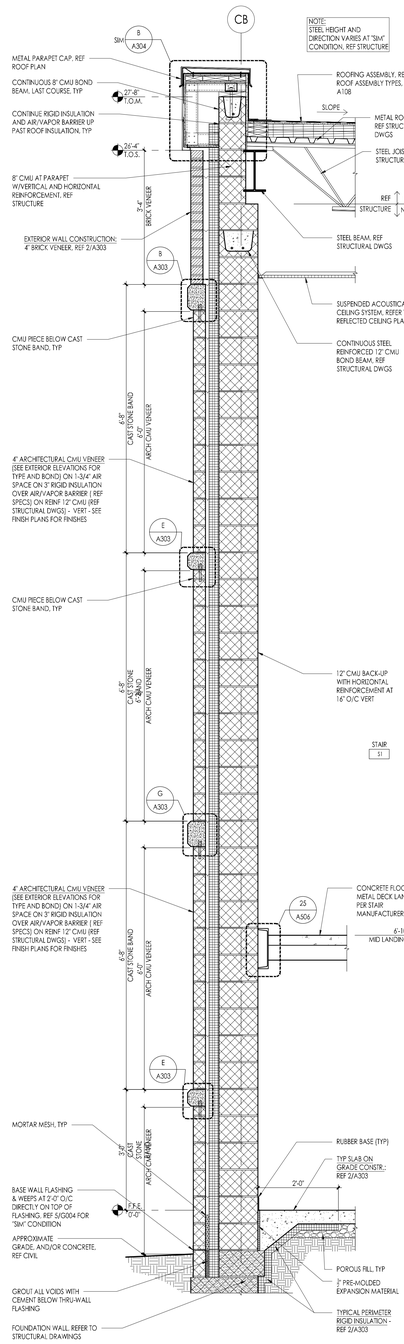
1 WALL SECTION
Scale: 3/4" = 1' - 0"



2 WALL SECTION
Scale: 3/4" = 1' - 0"



3 WALL SECTION
Scale: 3/4" = 1' - 0"



4 WALL SECTION (STAIR)
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01297100
JASON J. DUBOWITCH, AIA
NJ - 21AI01775000 PA - RA426090
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414585
FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

10/10/25 Date

Architect

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

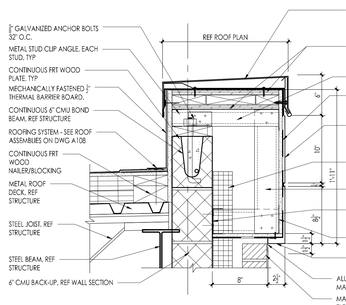
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

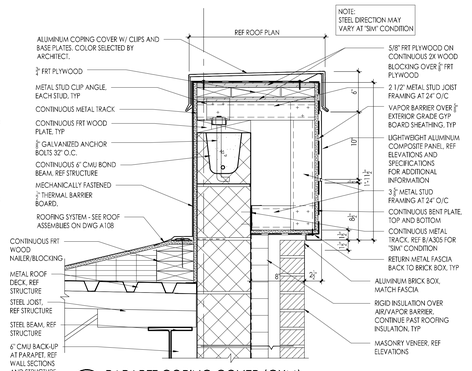
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

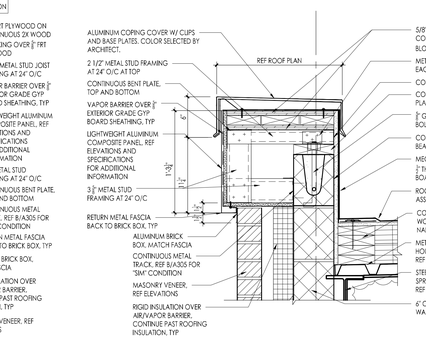
Drawing Number
A303



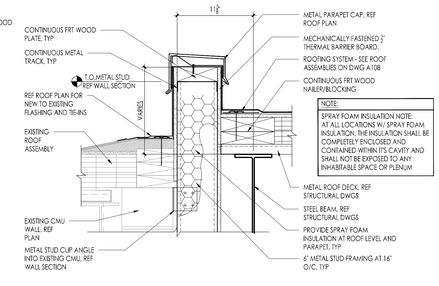
A PARAPET COPING COVER (CLASSROOM)
1-1/2" = 1'-0"



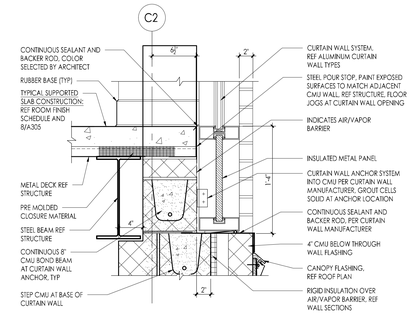
B PARAPET COPING COVER (GYM)
1-1/2" = 1'-0"



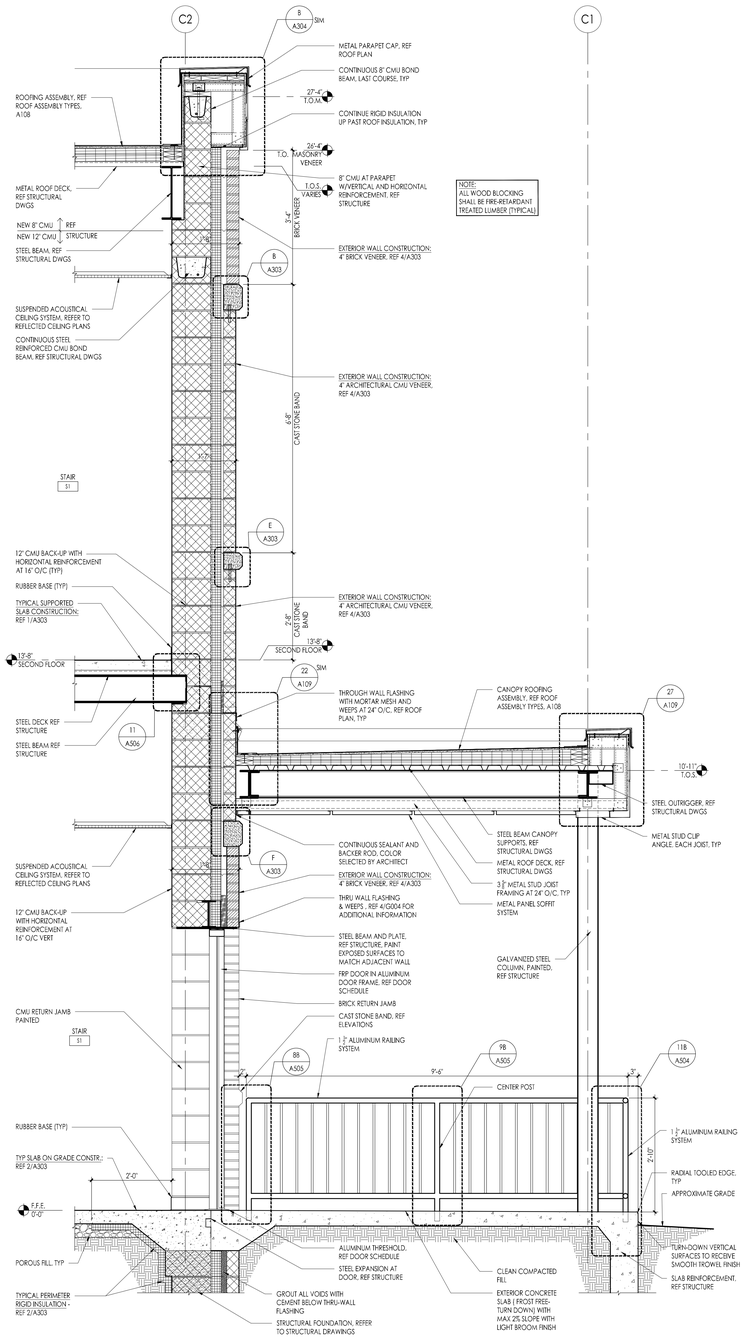
C PARAPET COPING COVER (LOWER ROOF)
1-1/2" = 1'-0"



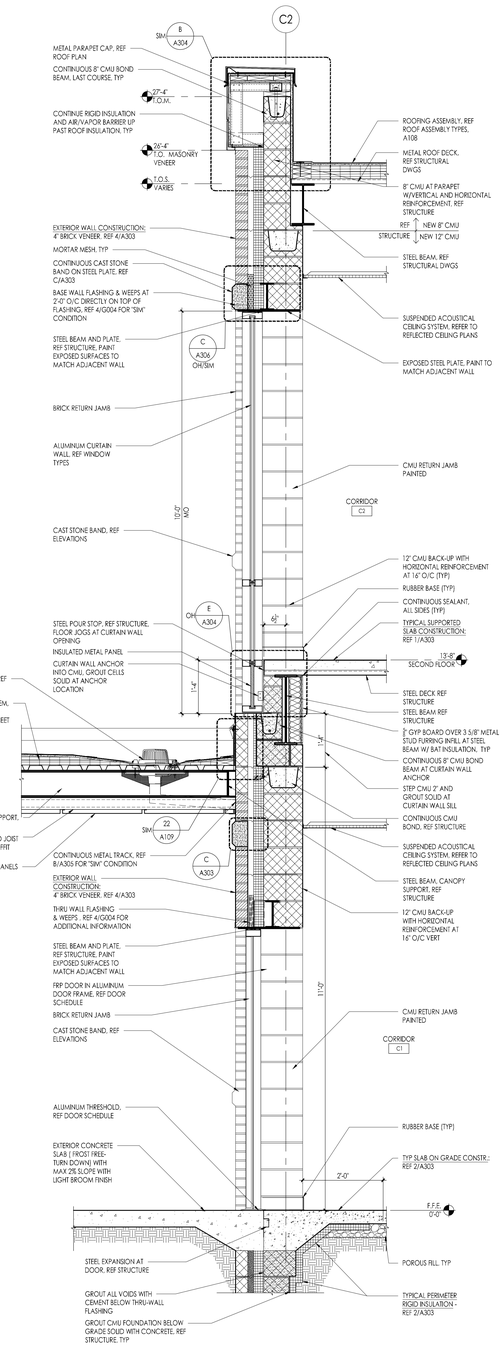
D PARAPET COPING COVER (UPPER ROOF)
1-1/2" = 1'-0"



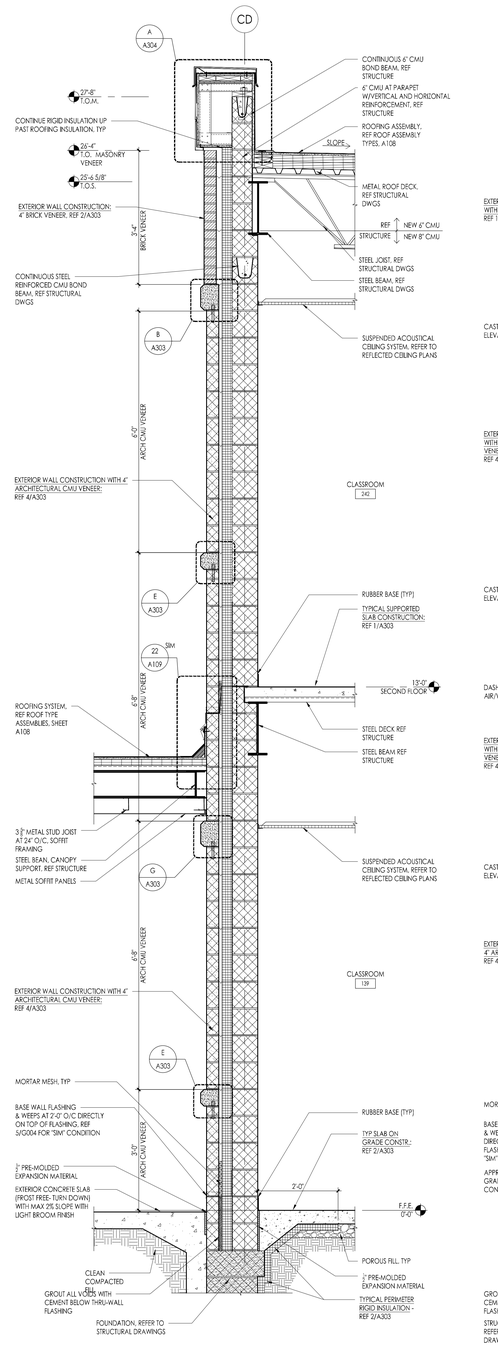
E CURTAIN WALL SILL DETAIL
Scale: 1 1/2" = 1'-0"



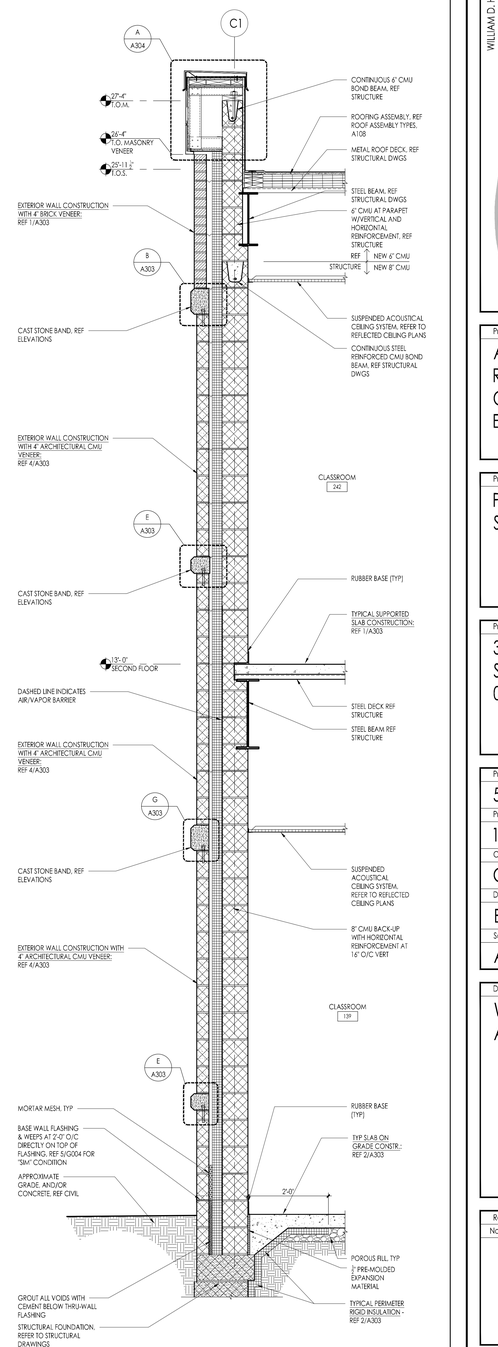
5 WALL SECTION
Scale: 3/4" = 1' - 0"



6 WALL SECTION
Scale: 3/4" = 1' - 0"



7 WALL SECTION
Scale: 3/4" = 1' - 0"



8 WALL SECTION
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A071706000 | PA - RA012520X

GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00271000

JASON J. DROBNITCH, AIA
NJ - 21AI02710100 | PA - RA414280

STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414585

FVHDPC.COM
Frayiak Velez Hopkins Duthie P.C.
Architects Planners
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453

10/10/25 Date

Architect

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

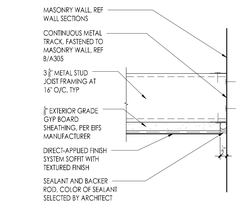
Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C
Project Date
10.10.2025
Checked By
GRD
Drawn By
BO
Scale
AS NOTED

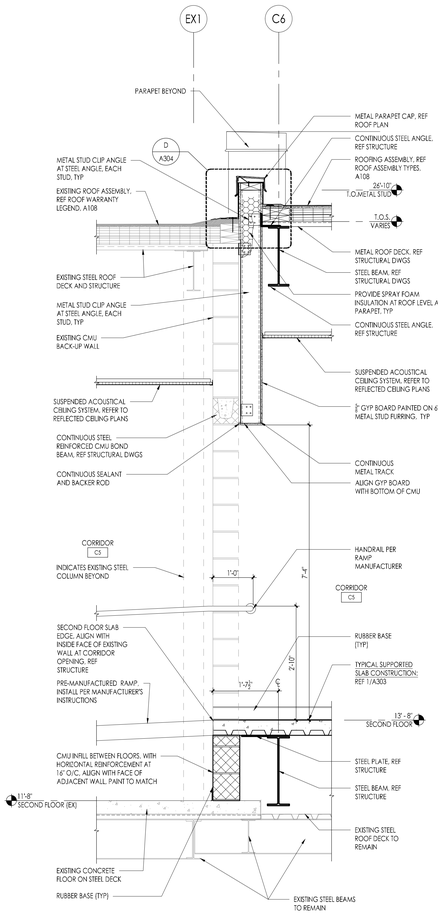
Drawing Name
WALL SECTIONS AND DETAILS

Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A304



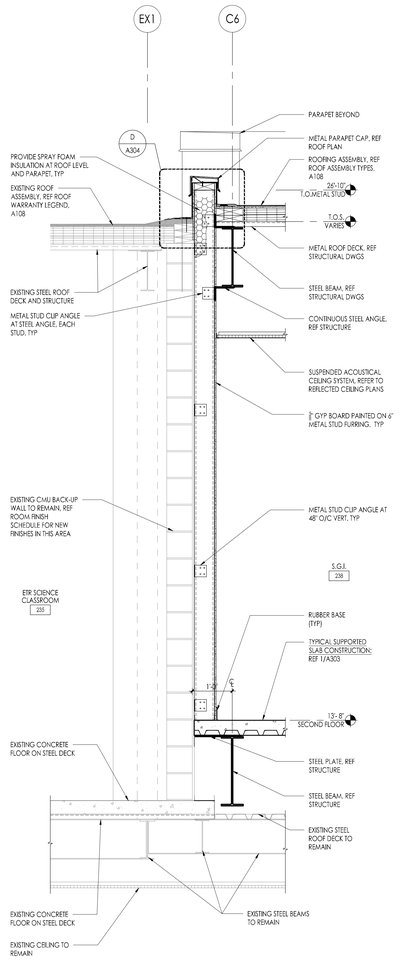
A EIFS SOFFIT JOINT DETAIL
Scale: 3" = 1'-0"



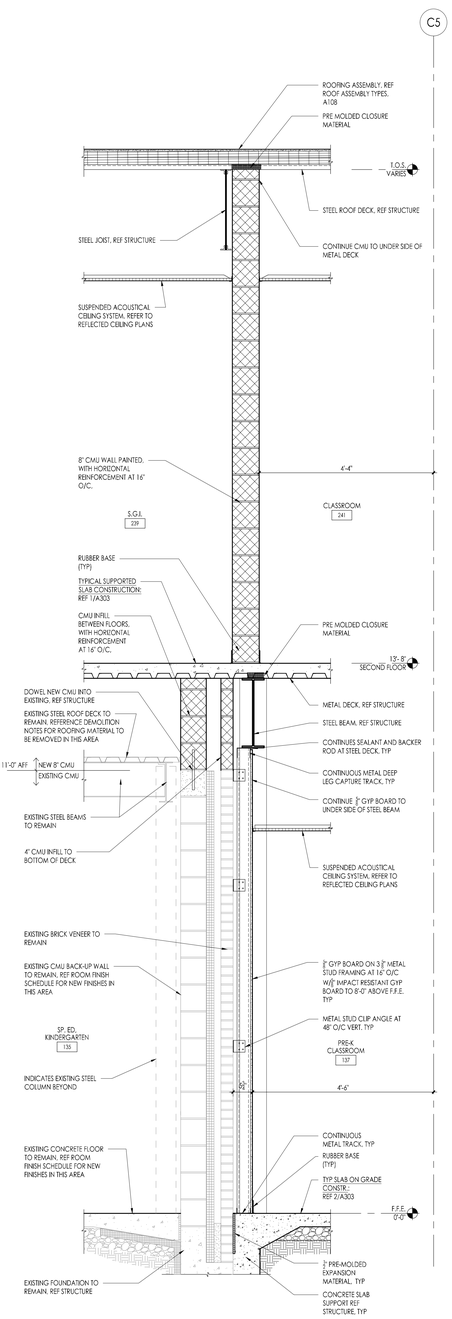
9 WALL SECTION
Scale: 3/4" = 1' - 0"

NOTE:
SPRAY FOAM INSULATION NOTE:
AT ALL LOCATIONS W/ SPRAY FOAM INSULATION, THE INSULATION SHALL BE COMPLETELY ENCLOSED AND CONTAINED WITHIN IT'S CAVITY AND SHALL NOT BE EXPOSED TO ANY INHABITABLE SPACE OR PLENUM.

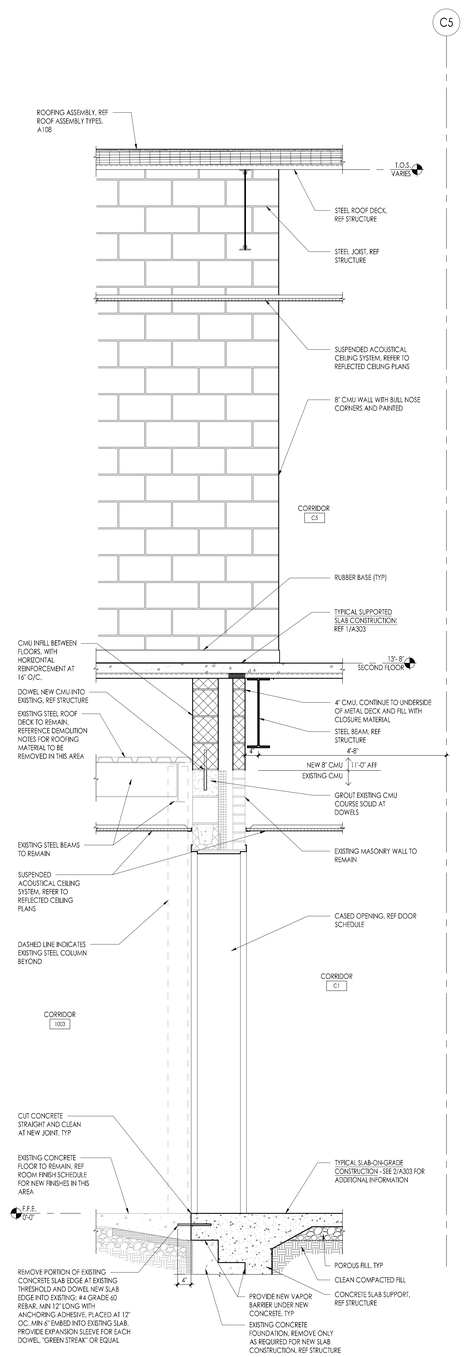
NOTE:
ALL WOOD BLOCKING SHALL BE FIRE-RETARDANT TREATED LUMBER (TYPICAL)



10 WALL SECTION
Scale: 3/4" = 1' - 0"



11 WALL SECTION
Scale: 3/4" = 1' - 0"



12 WALL SECTION (INTERIOR)
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - #14071106000 | PA - #AR125309
GEORGE R. DUTHIE JR., AIA, PP
NJ - #AI-20700
JASON J. LUBOWITCH, AIA
NJ - #AI-21700 | PA - #RA406909
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - #AI0203100 | PA - #RA414583
10/10/25
Date
Architect
FVHD Architects Planners
Frayjak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road
Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue
Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

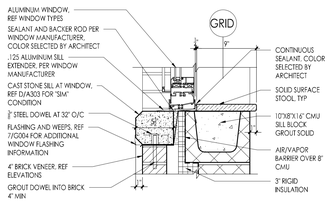
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

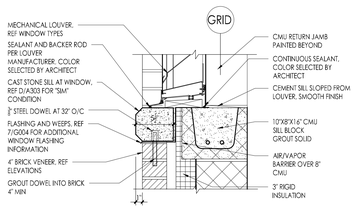
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

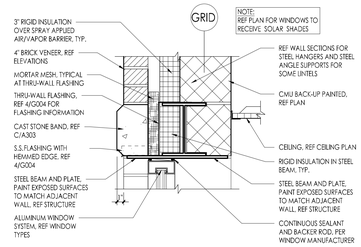
Drawing Number
A305



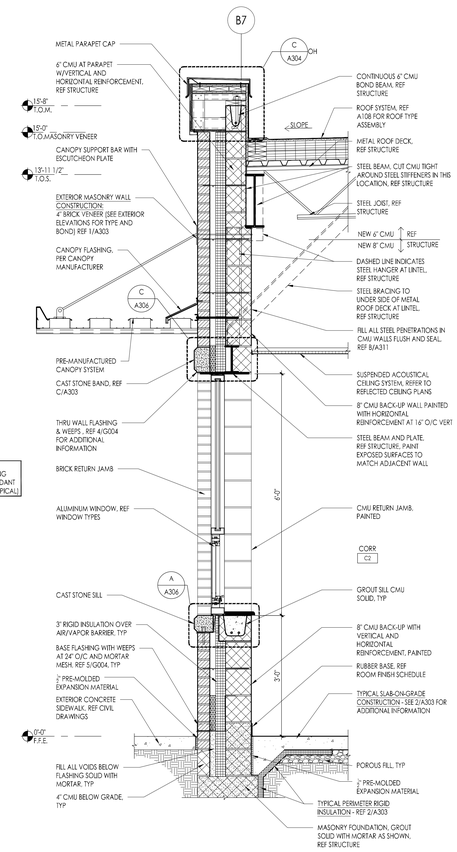
A SILL FLASHING CMU
Scale: 1 1/2" = 1'-0"



B LOUVER SILL FLASHING CMU
Scale: 1 1/2" = 1'-0"

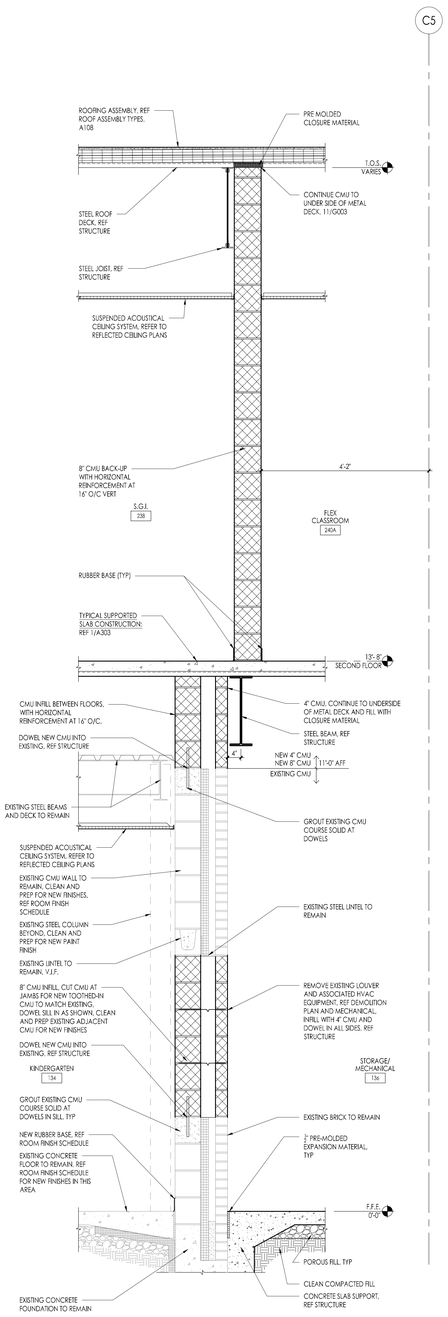


C TYPICAL LINTEL DETAIL
Scale: 1 1/2" = 1'-0"

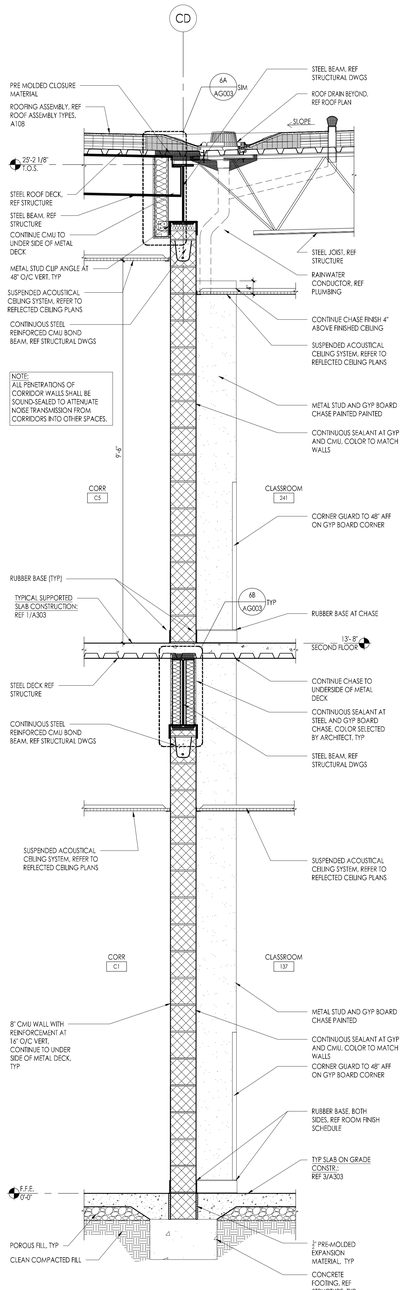


NOTE:
ALL WOOD BLOCKING SHALL BE FIRE-RETARDANT TREATED LUMBER (TYPICAL)

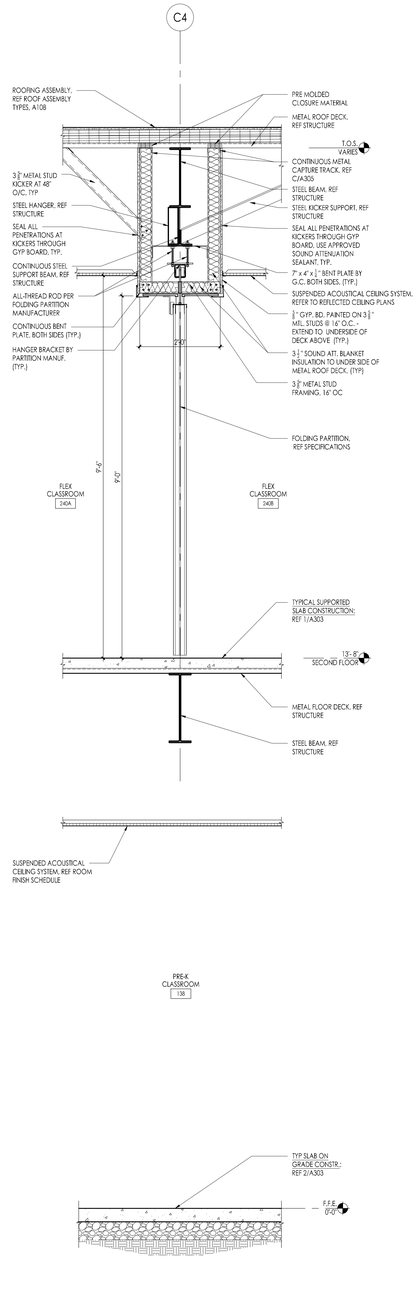
17 WALL SECTION (COVERED WALK)
Scale: 3/4" = 1' - 0"



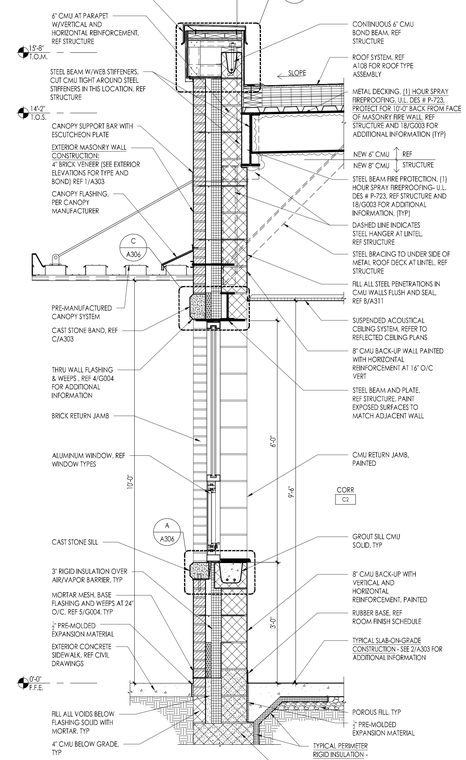
13 WALL SECTION
Scale: 3/4" = 1' - 0"



14 WALL SECTION (INTERIOR)
Scale: 3/4" = 1' - 0"



15 WALL SECTION (FOLDING PARTITION)
Scale: 3/4" = 1' - 0"



16 WALL SECTION (COVERED WALK)
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00337200
JASON J. ZIPOW
NJ - 21AI00337100 | PA - RA016790
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00333100 | PA - RA414583
10/10/25
Date
Architect
FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

Project Name

Addition and Renovations to Community Park Elementary School

Project Owner Name

Princeton Public Schools

Project Location

372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C
Project Date
10.10.2025
Checked By
GRD
Drawn By
BO
Scale
AS NOTED

Drawing Name

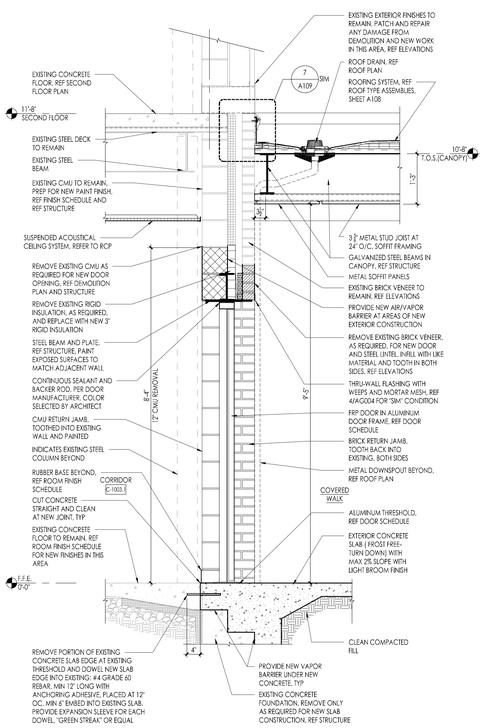
WALL SECTIONS AND DETAILS

Revisions

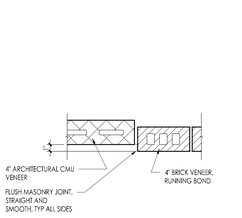
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number

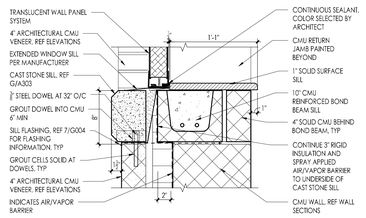
A306



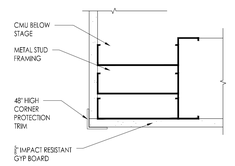
19 WALL SECTION (COVERED WALK)
Scale: 3/4" = 1' - 0"



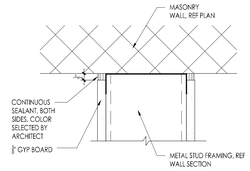
A MASONRY JOINT AT TRANSITION
1 1/2" = 1'-0"



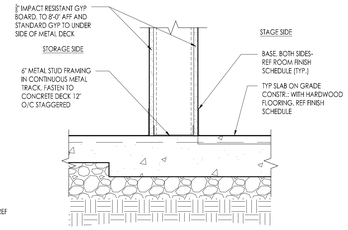
B SILL DETAIL (GYM)
1-1/2" = 1'-0"



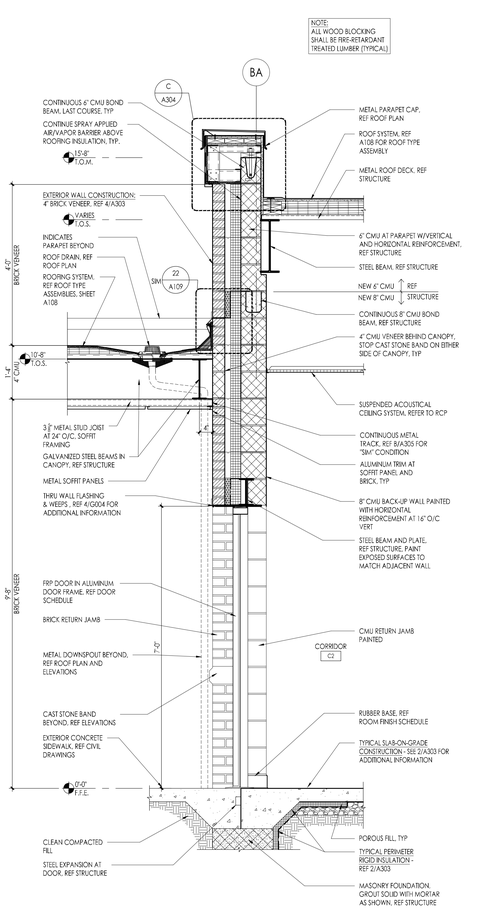
C CORNER DETAIL
Scale: 3"=1'-0"



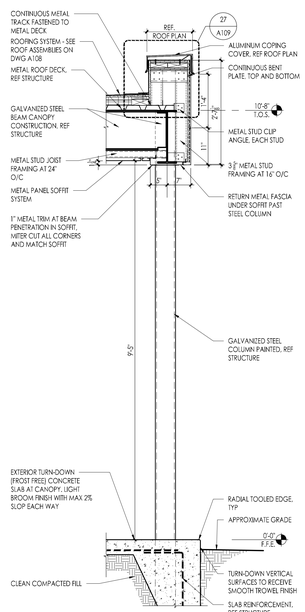
D JOINT DETAIL
Scale: 3" = 1'-0"



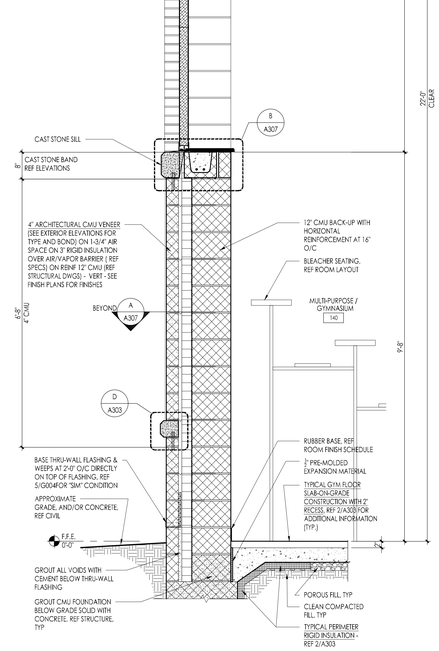
E WALL BASE DETAIL
1-1/2" = 1'-0"



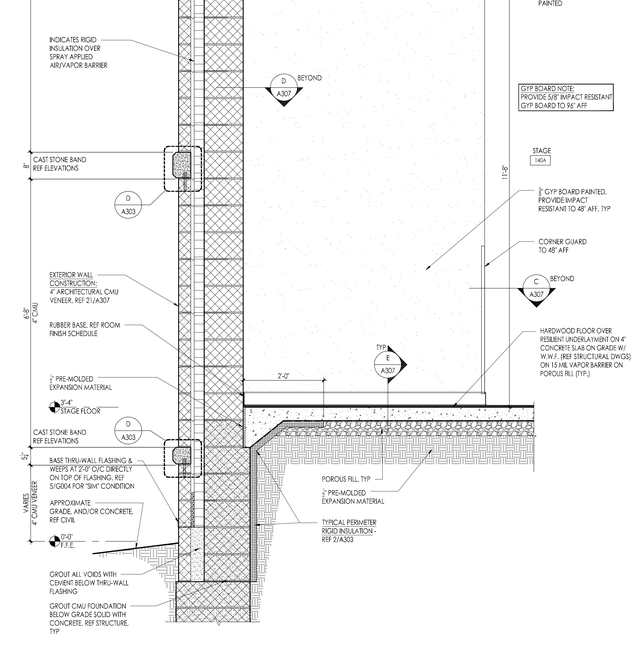
18 WALL SECTION (COVERED WALK)
Scale: 3/4" = 1' - 0"



20 CANOPY SECTION
Scale: 3/4" = 1' - 0"



21 WALL SECTION (GYM)
Scale : 3/4" = 1' - 0"



22 STAGE/GYM SECTION
Scale : 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A07106000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01297100
JASON J. LOW-BROWITCH, AIA
NJ - 21AI01775000 PA - RA426090
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414585
FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

10/10/25 Date

Architect

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

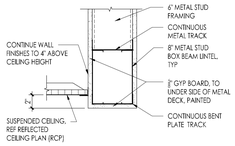
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

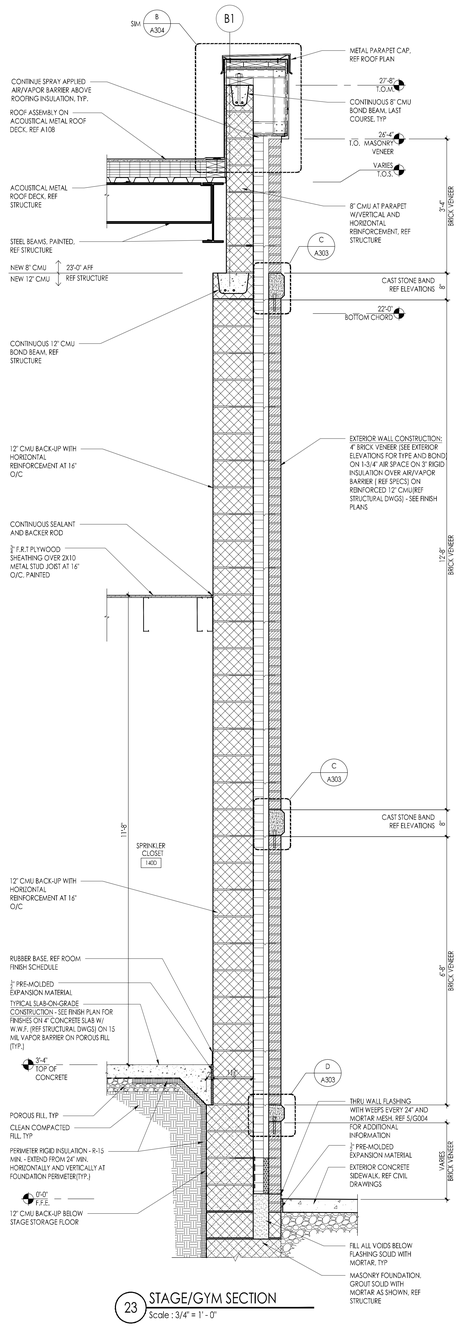
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

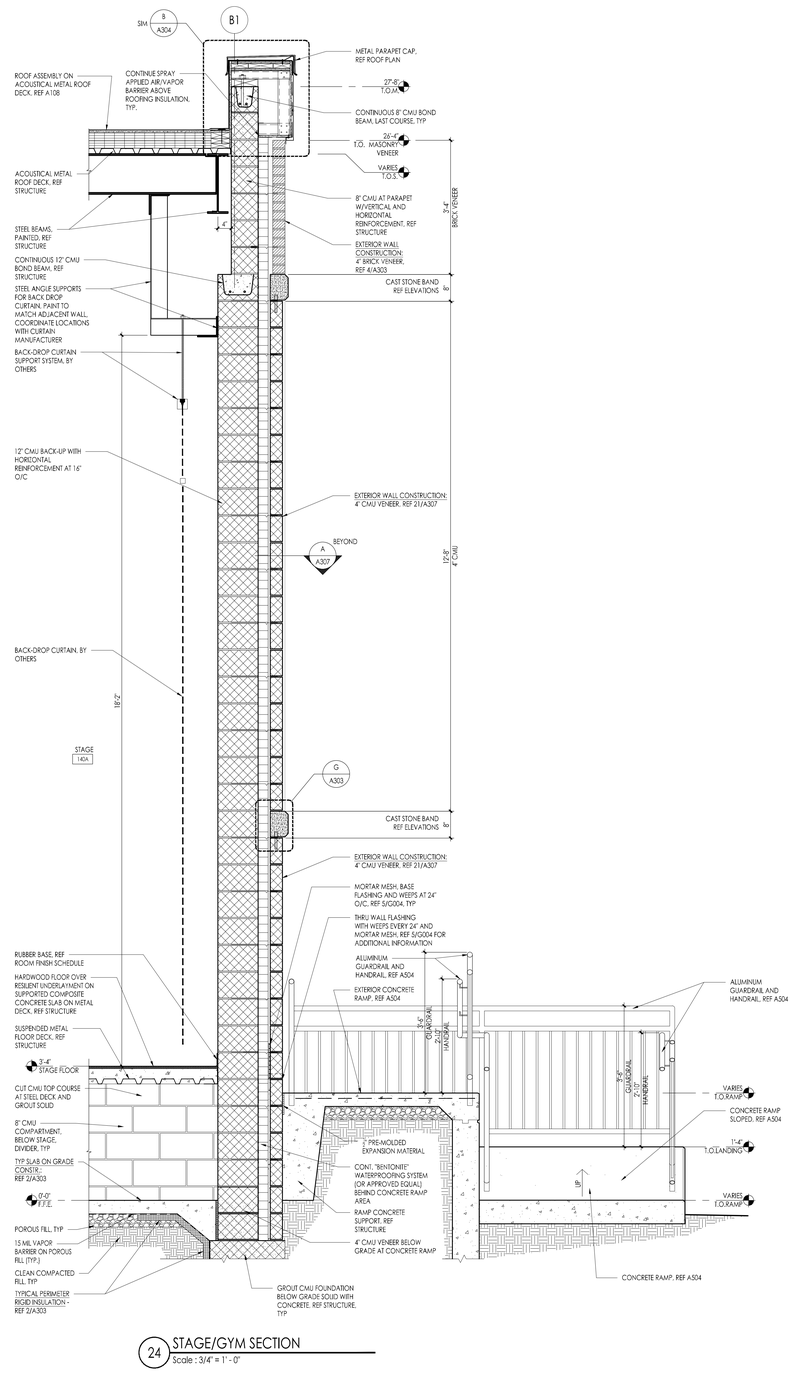
Drawing Number
A307



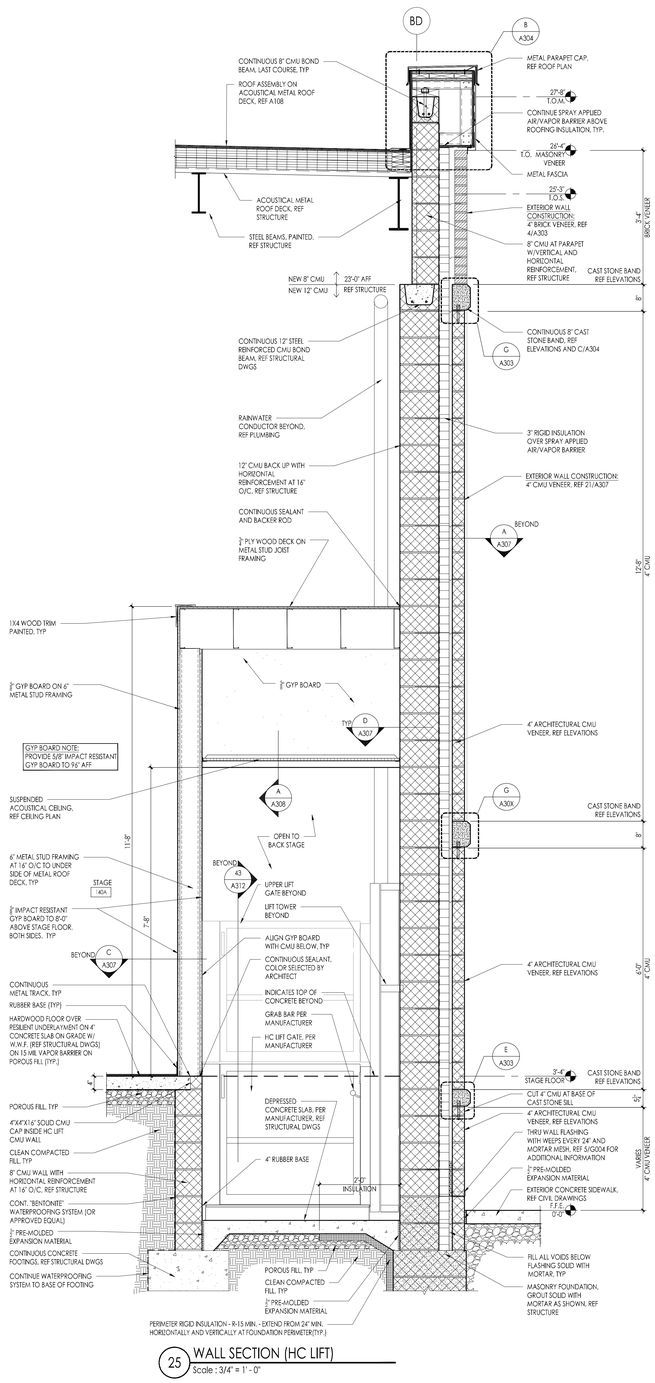
A BOX BEAM HEADER
Scale: 1 1/2" = 1'-0"



23 STAGE/GYM SECTION
Scale : 3/4" = 1' - 0"



24 STAGE/GYM SECTION
Scale : 3/4" = 1' - 0"



25 WALL SECTION (HC LIFT)
Scale : 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01297100
JASON J. DROWNITCH, AIA
NJ - 21AI01775000 PA - RA406909
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00331001 | PA - RA414583
10/10/25
Date
Architect
FVHDP.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

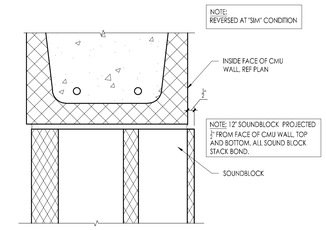
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

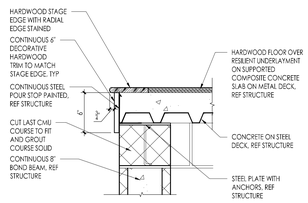
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

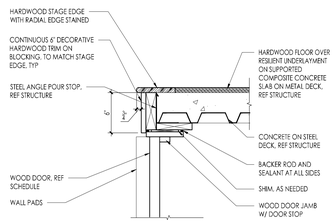
Drawing Number
A308



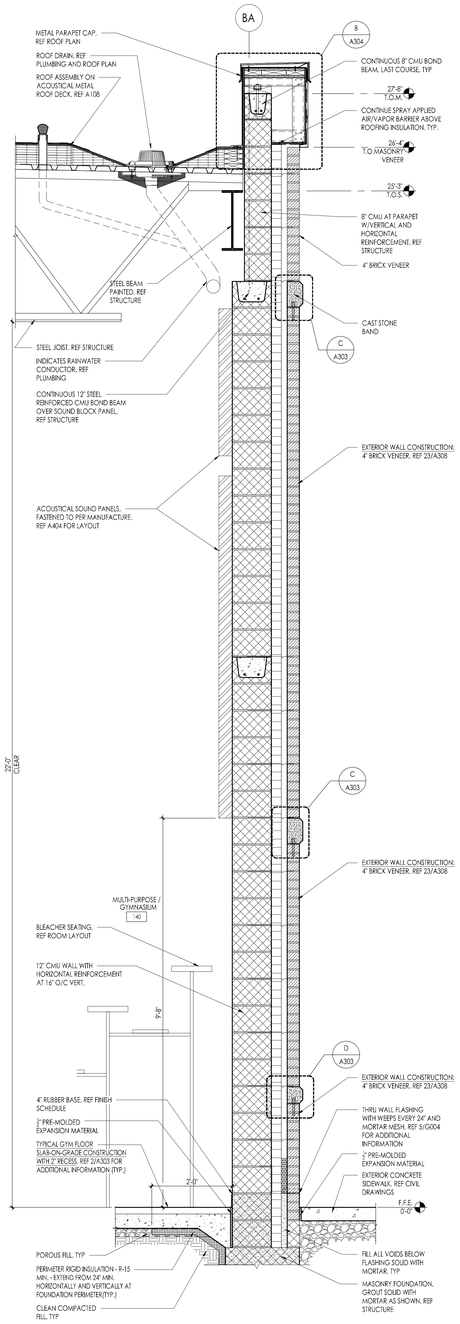
A SOUNDBLOCK DETAIL
Scale: 3"=1'-0"



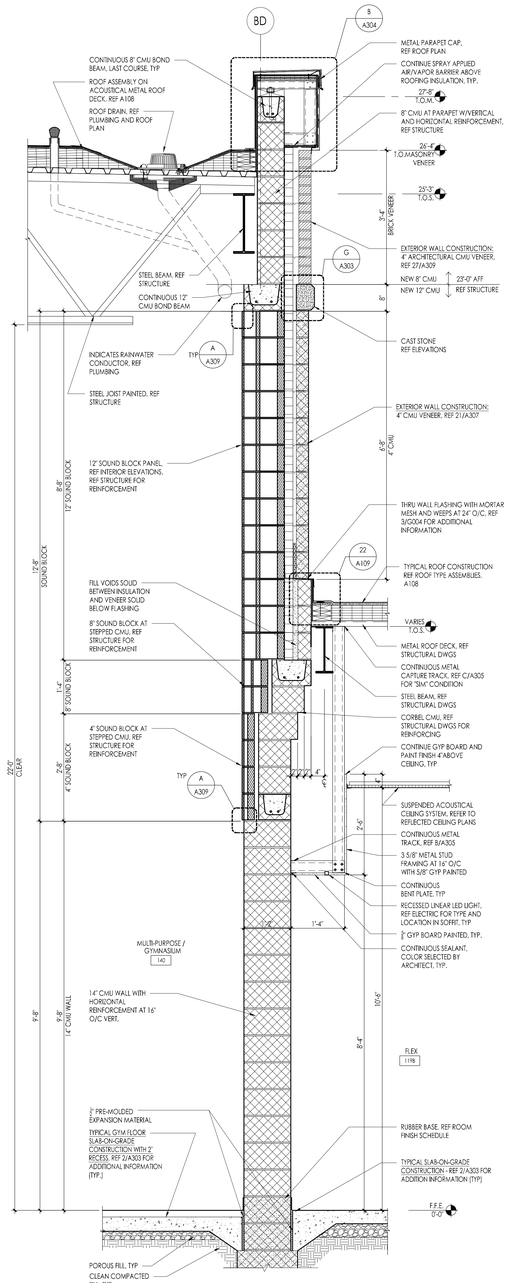
B STAGE EDGE DETAIL
Scale: 1 1/2" = 1'-0"



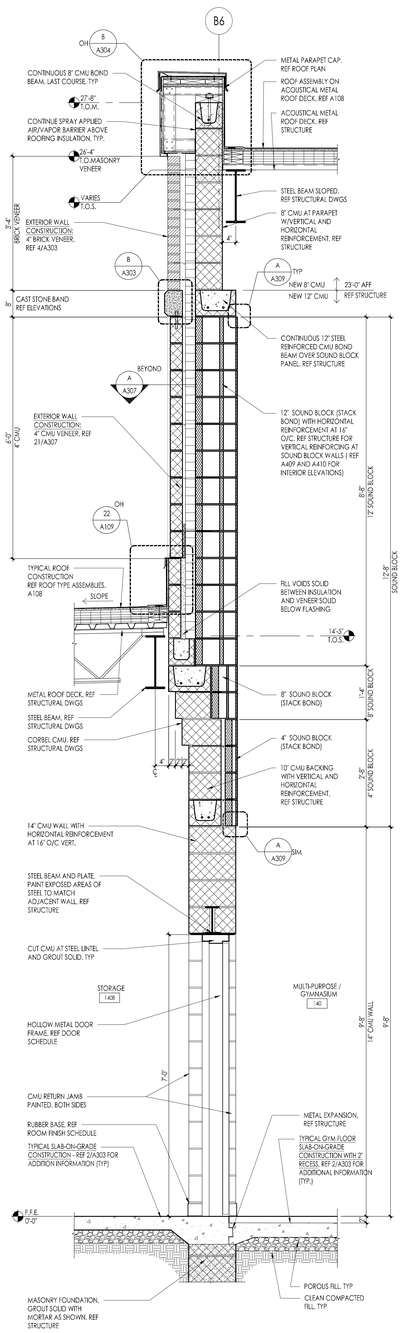
C UNDER STAGE DOOR DETAIL
Scale: 1 1/2" = 1'-0"



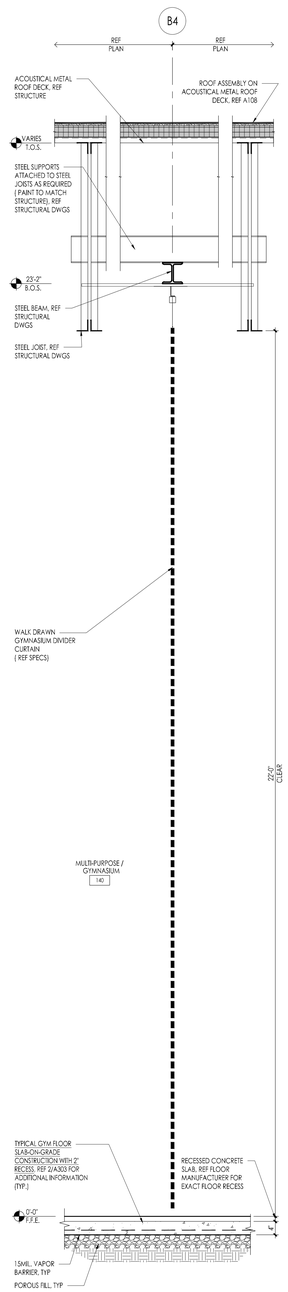
26 WALL SECTION (GYM)
Scale : 3/4" = 1' - 0"



27 WALL SECTION (GYM)
Scale : 3/4" = 1' - 0"



28 WALL SECTION
Scale: 3/4" = 1' - 0"



29 GYM DIVIDER CURTAIN SECTION
Scale : 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01297100
JASON J. LUDWIKOWITCH, AIA
NJ - 21AI01775000 PA - RA426090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414583
FVHD Fréylak Vélez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

10/10/25
Date
Architect

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

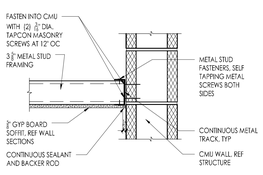
Project Number
5516C
Project Date
10.10.2025
Checked By
GRD
Drawn By
BO
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

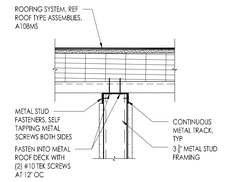
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

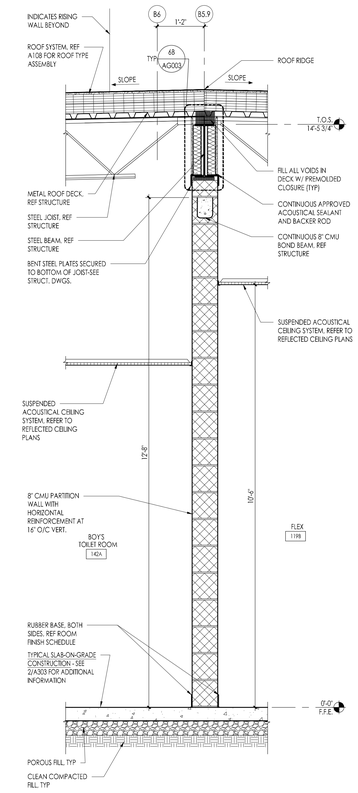
Drawing Number
A309



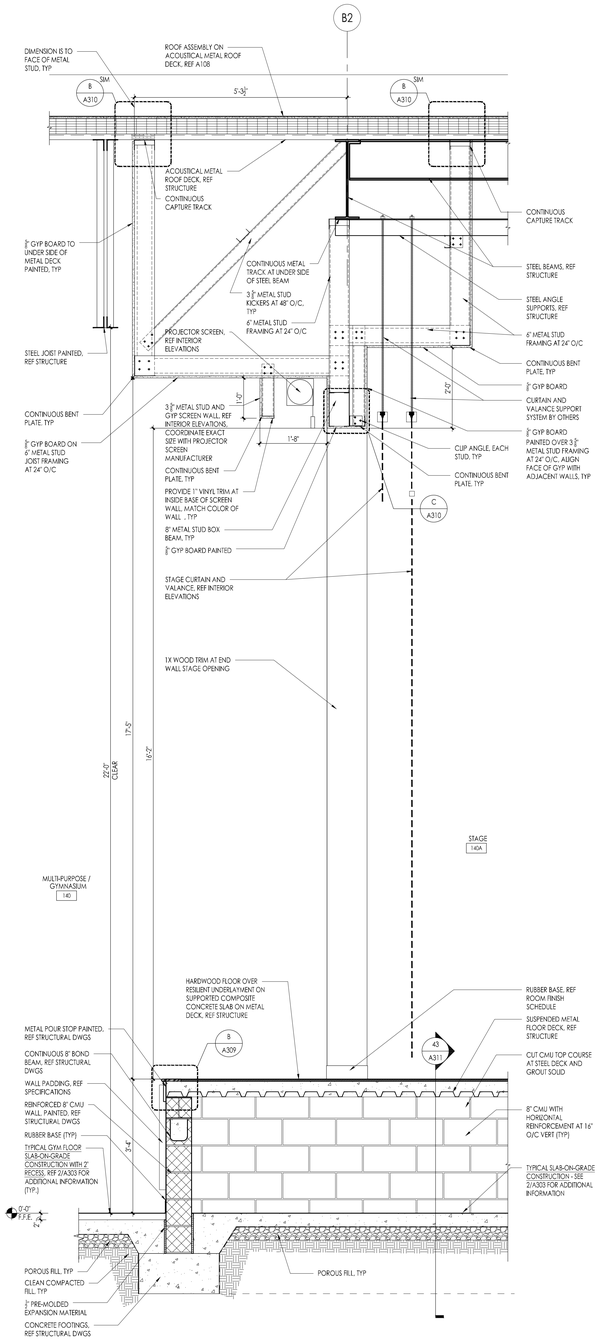
A CAPTURE TRACK AT CMU WALL
1-1/2" = 1'-0"



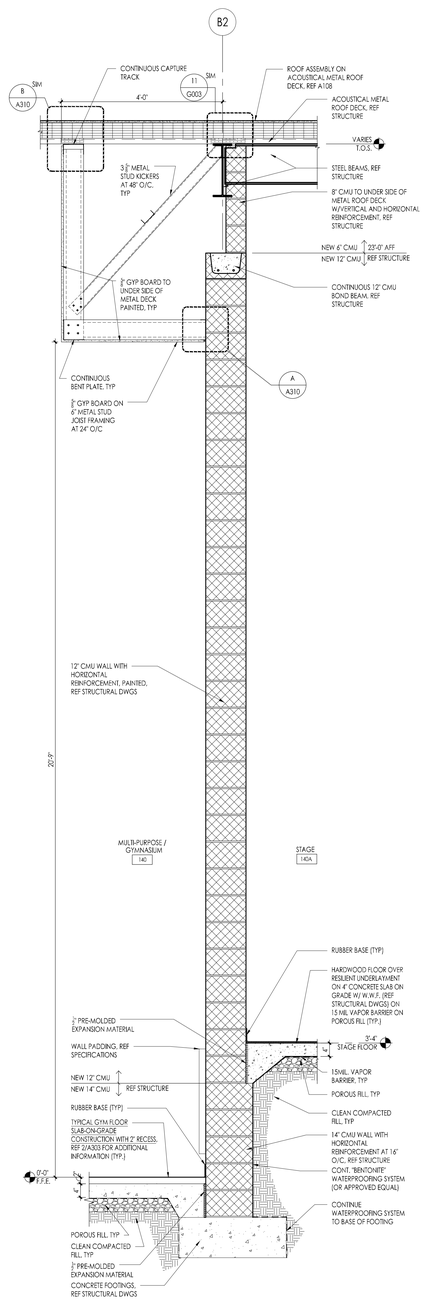
B CAPTURE TRACK AT METAL DECK
1-1/2" = 1'-0"



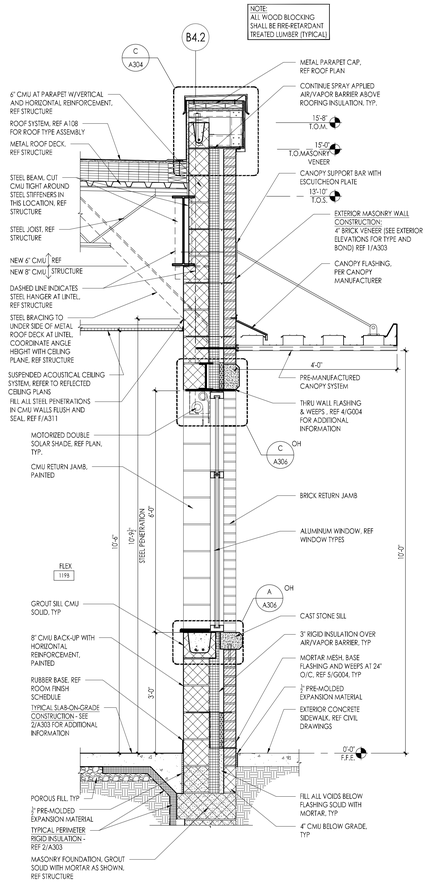
33 WALL SECTION (FLEX ROOM)
Scale: 3/4" = 1' - 0"



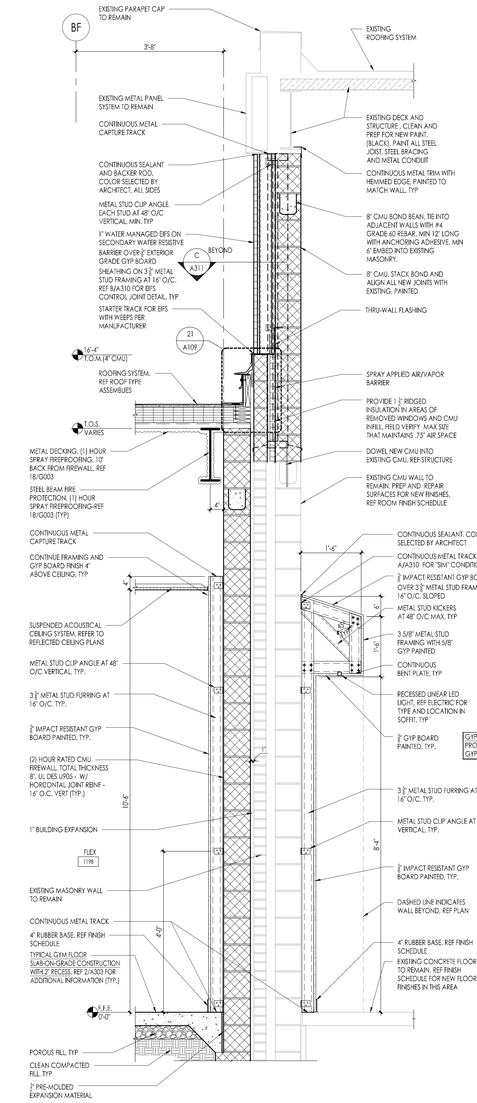
30 STAGE SECTION
Scale : 3/4" = 1' - 0"



31 STAGE WALL SECTION
Scale : 3/4" = 1' - 0"



32 WALL SECTION (FLEX ROOM)
Scale: 3/4" = 1' - 0"



34 WALL SECTION (MEDIA CENTER)
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA017520X

GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00129700

JASON J. LUBOWITCH, AIA
NJ - 21AI00129100 | PA - RA414090

STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00130000 | PA - RA414283

FVHDPC.COM
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453

10/10/25
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Architect

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Addition and Renovations to Community Park Elementary School

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Project Date
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GRD

Drawn By
BO

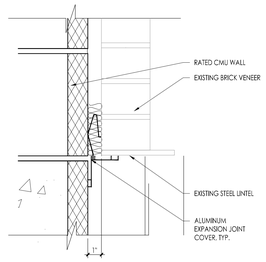
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

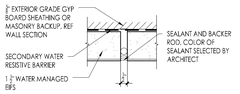
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

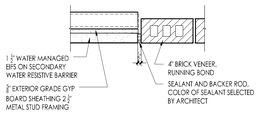
Drawing Number
A310



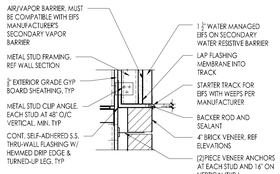
A EXPANSION DETAIL
Scale: 3" = 1'-0"



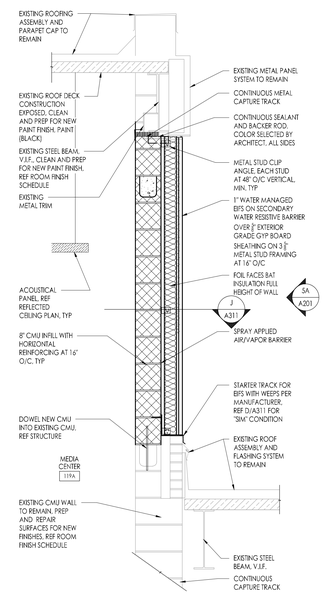
B EIFS CONTROL JOINT DETAIL
Scale: 3" = 1'-0"



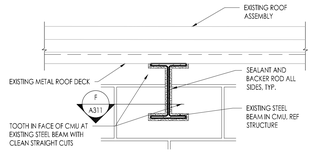
C MASONRY/EIFS CONTROL JOINT
1 1/2" = 1'-0"



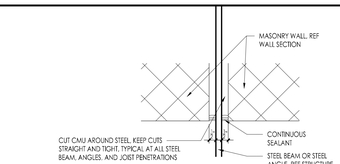
D EIFS TERMINATION ABOVE GRADE
Scale: 1-1/2" = 1'-0"



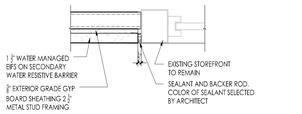
37 PARTIAL WALL SECTION (MEDIA CENTER)
Scale: 3/4" = 1' - 0"



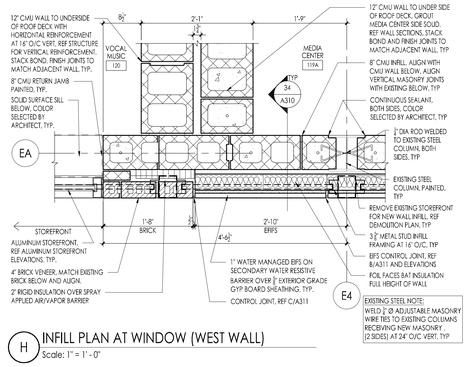
E BEAM/CMU CLOSURE DETAIL
Scale: 1 1/2" = 1'-0"



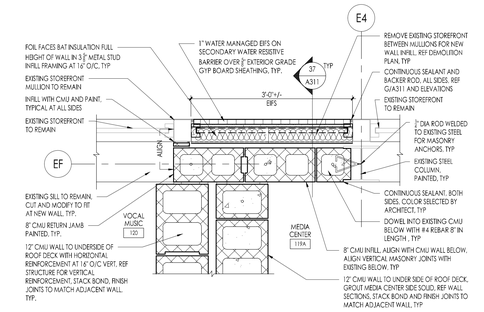
F JOINT DETAIL
Scale: 3" = 1'-0"



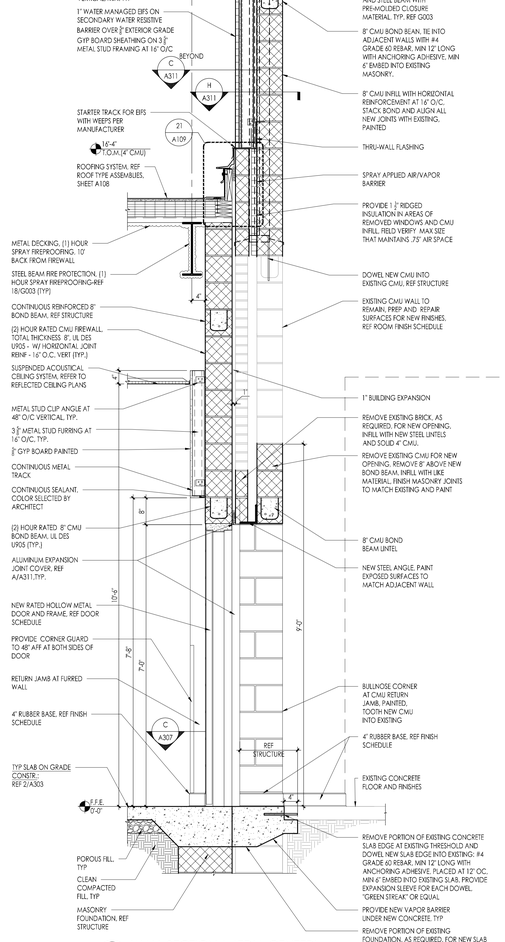
G EXISTING FRAME/EIFS CONTROL JOINT
1 1/2" = 1'-0"



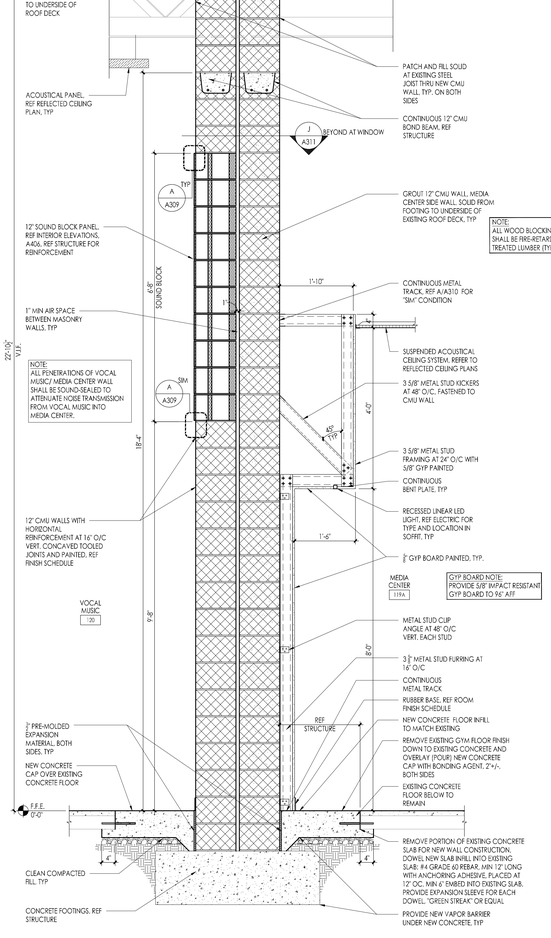
H INFILL PLAN AT WINDOW (WEST WALL)
Scale: 1" = 1' - 0"



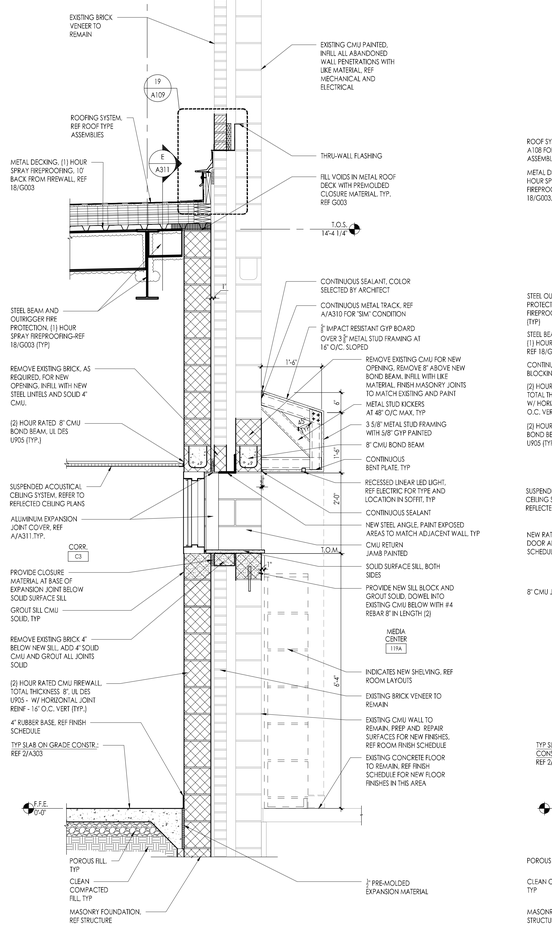
J INFILL PLAN AT WINDOW (EAST WALL)
Scale: 1" = 1' - 0"



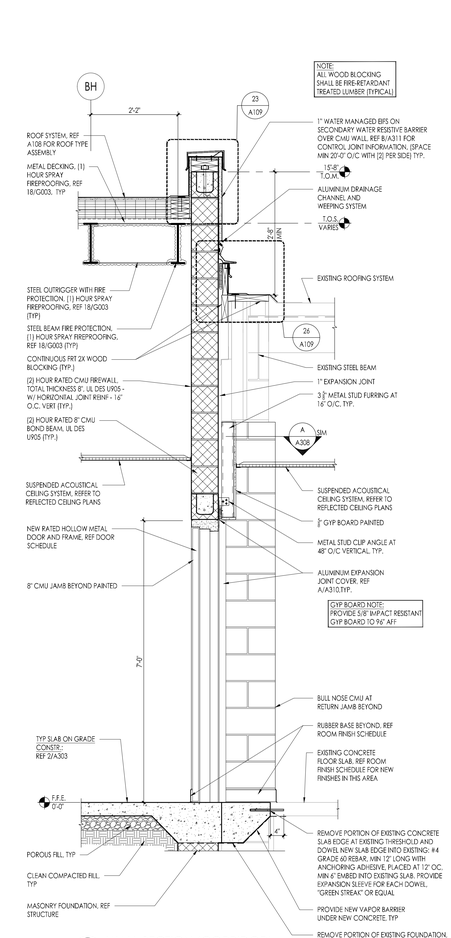
35 WALL SECTION (MEDIA CENTER)
Scale: 3/4" = 1' - 0"



36 WALL SECTION (MEDIA CENTER)
Scale: 3/4" = 1' - 0"



38 WALL SECTION (MEDIA CENTER)
Scale: 3/4" = 1' - 0"



39 WALL SECTION (CORRIDOR)
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00315700 | PA - RA406109
JASON J. GROWITCH, AA
NJ - 21AI00331000 | PA - RA414283
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00331000 | PA - RA414283
10/10/25
Date
Architect
FVHD Fitzpatrick Viniar Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BO

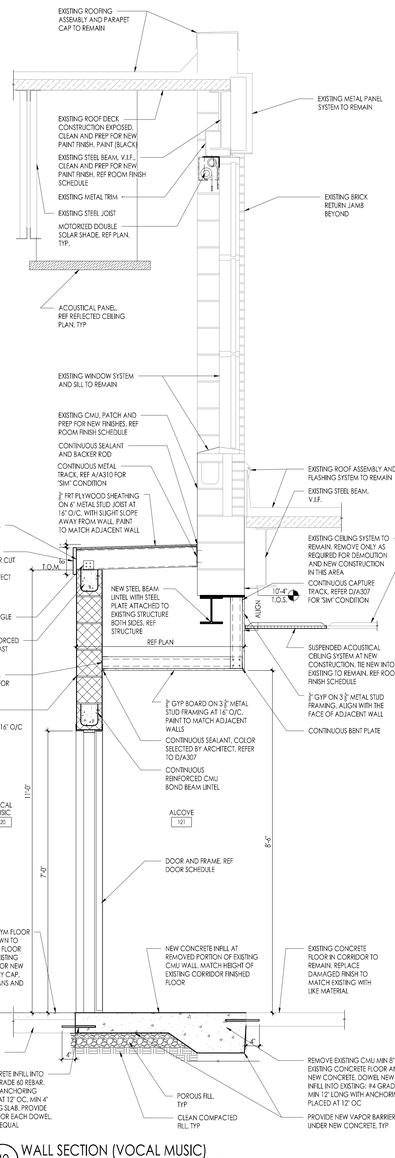
Scale
AS NOTED

Drawing Name
WALL SECTIONS AND DETAILS

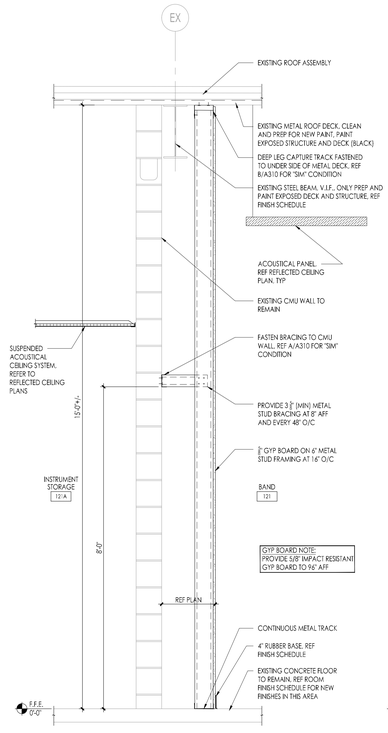
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

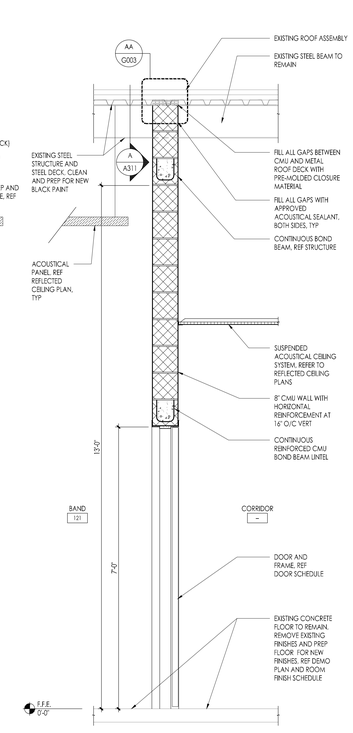
Drawing Number
A311



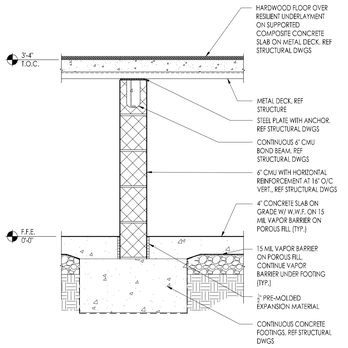
40 WALL SECTION (VOCAL MUSIC)
Scale: 3/4" = 1' - 0"



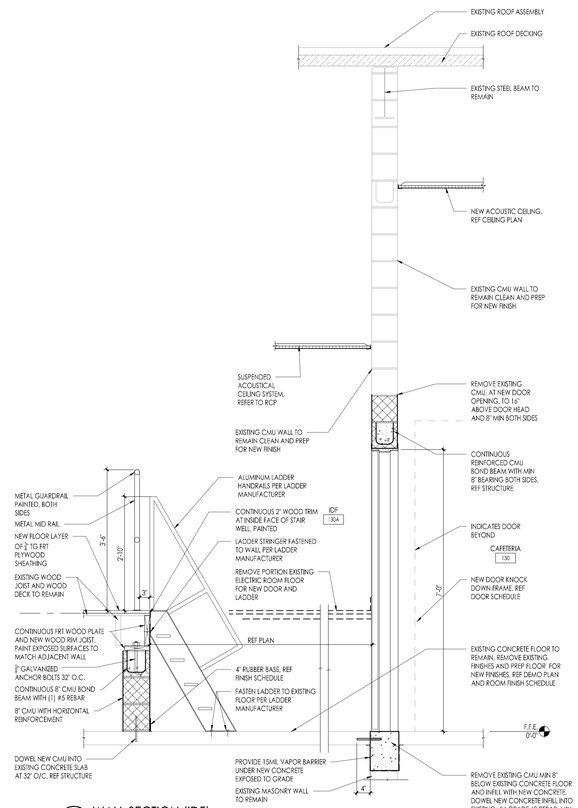
41 WALL SECTION (BAND ROOM)
Scale: 3/4" = 1' - 0"



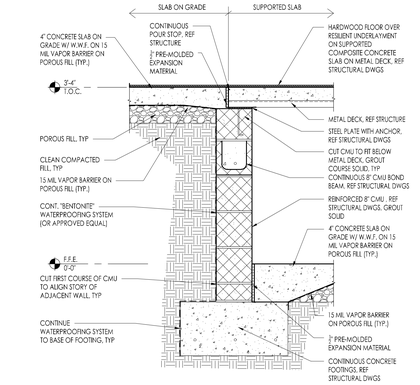
42 WALL SECTION (BAND ROOM)
Scale: 3/4" = 1' - 0"



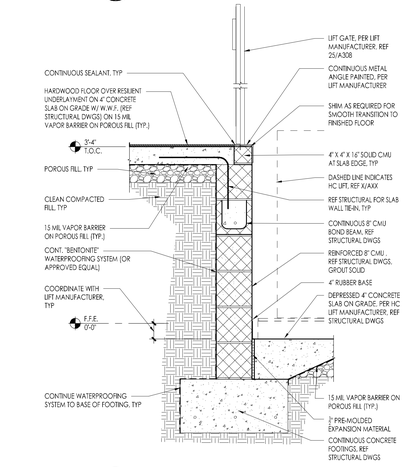
45 BELOW STAGE WALL
Scale: 1" = 1'-0"



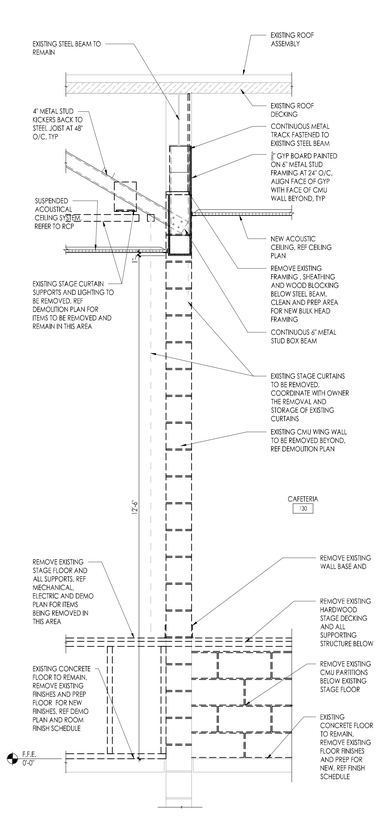
47 WALL SECTION (IDF)
Scale: 3/4" = 1' - 0"



44 BELOW STAGE WALL SECTION
Scale: 1" = 1'-0"



43 LIFT WALL SECTION
Scale: 1" = 1'-0"



46 WALL SECTION (STAGE)
Scale: 3/4" = 1' - 0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01120100
JASON J. LISOWITCH, AIA
NJ - 21A01775000 | PA - RA406090
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AE00331001 | PA - RA414365
10/10/25
Date
Architect
FVHD Fitzhugh Varone Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name

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Checked By

GRD

Drawn By

BO

Scale

AS NOTED

Drawing Name

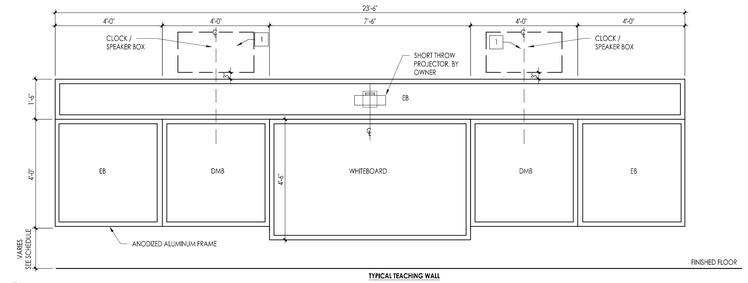
WALL SECTIONS AND DETAILS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number

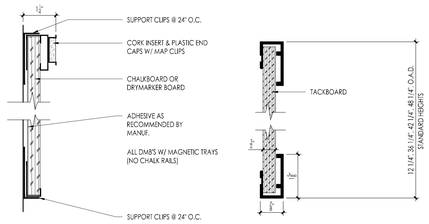
A312



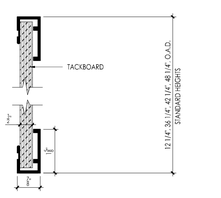
1 TYP. TEACHING WALL ELEVATION
1/2" = 1'-0"

TEACHING WALL HEIGHT SCHEDULE	
GRADE	**HEIGHT FROM FINISHED FLOOR**
PRE-K	18"
K-2ND	24"
3RD-6TH	30"
OFFICES & TEACHER AREAS	36"

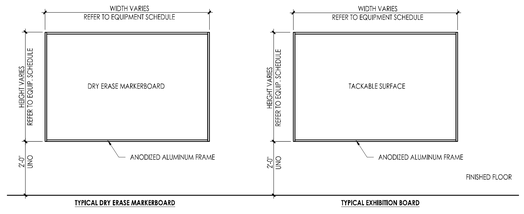
1. CLOCK/SPEAKER BOX TO BE CENTERED ABOVE THE DRY MARKER BOARD LOCATED CLOSEST TO THE MAIN ENTRANCE DOOR OF EACH ROOM. REF PLANS AND ELECTRICAL DWGS.



2 TYP. MARKERBOARD SECTION DETAIL
6" = 1'-0"



3 TYP. EXHIBITION BOARD SECTION DETAIL
6" = 1'-0"



NOTE: FOR BOARDS NOT ON TEACHING WALL

4 DRY MARKERBOARD AND EXHIBITION BOARD MOUNTING HEIGHTS
1/2" = 1'-0"

CASEWORK SCHEDULE - WOOD (X)

ITEM NO.	DESCRIPTION	MANUFACTURER	CAT. NO.	WIDTH	DEPTH	HEIGHT	REMARKS	FINISH
1	TEACHER WARDROBE CABINET	CAMPBELL RHEA	6954-A	42"	22 1/2"	84"	DBL DOOR, L-I FIXED SHELF, 3 ADJUSTABLE SHELVES, R-1 HANGER ROD, 1 FIXED SHELF	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
2	TALL CABINET	CAMPBELL RHEA	5690	42"	22 1/2"	84"	DBL DOOR, 1 FIXED SHELF, 4 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
3	2 UNIT CUBBY	CAMPBELL RHEA	7452	24"	12"	48"	2 HANGING HOOKS IN EACH LOCKER COMPARTMENT, FINISHED TOP	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
4	UPPER CABINET	CAMPBELL RHEA	5420	24"	12"	36"	SINGLE DOOR, 2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
5	3 UNIT CUBBY	CAMPBELL RHEA	7442	35 1/2"	12"	48"	2 HANGING HOOKS IN EACH LOCKER COMPARTMENT, FINISHED TOP	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
6	UPPER CABINET	CAMPBELL RHEA	5340	12"	12"	36"	DBL DOOR, 2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
7	4 UNIT CUBBY	CAMPBELL RHEA	7444	47 1/2"	12"	48"	2 HANGING HOOKS IN EACH LOCKER COMPARTMENT, FINISHED TOP	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
8	BASE AV CABINET	CAMPBELL RHEA	2646	41 1/2"	22 1/2"	29"	1 ADJUSTABLE SHELF, REFER TO 6/A400	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
9	COT CABINET						SEE DETAIL XX/XX	
10		NOT USED						
11	UPPER CABINET	CAMPBELL RHEA	5438	36"	22 1/2"	36"	DBL DOOR, 2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
12		NOT USED						
13		NOT USED						
14	32 1/2" BASE CABINET	CAMPBELL RHEA	3681E	42"	22 1/2"	32 1/2"	DBL DOOR, 1 ADJUSTABLE SHELF	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
15	UPPER CABINET	CAMPBELL RHEA	4864	42"	12"	24"	2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
16	32 1/2" BASE CABINET	CAMPBELL RHEA	3681C	30"	22 1/2"	32 1/2"	DBL DOOR, 1 ADJUSTABLE SHELF	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
17	UPPER CABINET	CAMPBELL RHEA	4692	30"	12"	24"	2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
18	32 1/2" BASE CABINET	CAMPBELL RHEA	3681G	33"	22 1/2"	32 1/2"	DBL DOOR, 1 ADJUSTABLE SHELF	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
19	UPPER CABINET	CAMPBELL RHEA	4688	33"	12"	24"	2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
20	32 1/2" BASE CABINET	CAMPBELL RHEA	3681B	27"	22 1/2"	32 1/2"	DBL DOOR, 1 ADJUSTABLE SHELF	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
21	UPPER CABINET	CAMPBELL RHEA	4690	27"	12"	24"	2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
22		NOT USED						
23		NOT USED						
24		NOT USED						
25	SINK BASE CABINET	CAMPBELL RHEA	3538	36"	22 7/8"	25"	SINK BASE CABINET DOUBLE DOORS	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
26	32 1/2" BASE CABINET	CAMPBELL RHEA	3755D	36"	22 1/2"	32 1/2"	1 ADJUSTABLE SHELF	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
27	UPPER CABINET	CAMPBELL RHEA	5420	36"	12"	24"	2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
28	ADA CLOSURE PANEL	CAMPBELL RHEA	8760*	48"	22 1/2"	32 1/2"	*WIDTH SPECIFICATION	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
29	UPPER CABINET	CAMPBELL RHEA	4722	48"	12"	31 1/2"	2 ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
30	ADA CLOSURE PANEL	CAMPBELL RHEA	8760*	36"	22 1/2"	32 1/2"	*WIDTH SPECIFICATION	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
31	RECESSED DISPLAY CASE	CLAIRIDGE	376	144"	18"	48"	THREE ADJUSTABLE SHELVES	WOOD SPECIES: MAPLE/RED OAK STAIN: AMBER
32		NOT USED						

CASEWORK SCHEDULE - LAMINATE (X)

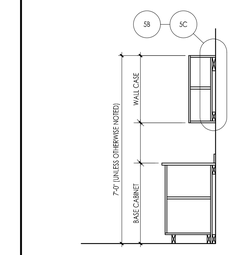
ITEM NO.	DESCRIPTION	MANUFACTURER	CAT. NO.	WIDTH	DEPTH	HEIGHT	REMARKS	FINISH
33	TALL CABINET [LAMINATE]	TMI	T2052	36"	24"	84"	DOUBLE DOOR TALL CABINET WITH FIVE ADJUSTABLE SHELVES	PLAM-1
34	DRAWER CASEWORK [LAMINATE]	TMI	D1132	30"	14"	30"	DOUBLE DOOR BASE CABINET WITH ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND ONE 6" HIGH FULL WIDTH DRAWER	PLAM-1
35	WALL CABINET [LAMINATE]	TMI	W2052	30"	14"	36"	DOUBLE DOOR WALL CABINET WITH ONE ADJUSTABLE SHELF	PLAM-1
36	WALL CABINET [LAMINATE]	TMI	W2002	36"	14"	18"	DOUBLE DOOR WALL CABINET	PLAM-1
36A	WALL CABINET [LAMINATE]	TMI	W2052	36"	14"	36"	DOUBLE DOOR WALL CABINET WITH ONE ADJUSTABLE SHELF	PLAM-1
37	DRAWER CASEWORK [LAMINATE]	TMI	D1132	36"	14"	34"	DOUBLE DOOR BASE CABINET WITH ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND ONE 6" HIGH FULL WIDTH DRAWER	PLAM-1
38	DRAWER CASEWORK [LAMINATE]	TMI	D1123	48"	18"	30"	DOUBLE DOOR BASE CABINET WITH ONE ADJUSTABLE SHELF AND TWO 6" HIGH DRAWERS	PLAM-1
43	TALL CABINET [LAMINATE]	TMI	T2052	30"	24"	84"	DOUBLE DOOR TALL CABINET WITH FIVE ADJUSTABLE SHELVES	PLAM-1
50	ADA SINK BASE CABINET	TMI	B2545	36"	24"	34"	ADA COMPLIANT SINK BASE CABINET	PLAM-1

CASEWORK SCHEDULE - PAINTED STEEL SHELVES (X)

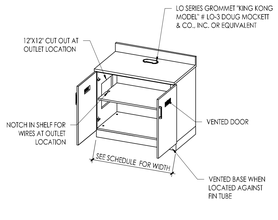
ITEM NO.	DESCRIPTION	MANUFACTURER	CAT. NO.	WIDTH	DEPTH	HEIGHT	REMARKS	FINISH
39	PAINTED STEEL SHELVES	ICI SCIENTIFIC	J348-36	36"	24"	84"	5 ADJ. SHELVES	
40	PAINTED STEEL SHELVES	ICI SCIENTIFIC	J348-48	48"	24"	84"	5 ADJ. SHELVES	
41	PAINTED STEEL SHELVES	ICI SCIENTIFIC	J348-24	24"	24"	84"	5 ADJ. SHELVES	
42	PAINTED STEEL SHELVES	ICI SCIENTIFIC	J351-48	48"	16"	84"	5 ADJ. SHELVES	

SINK SCHEDULE (X)

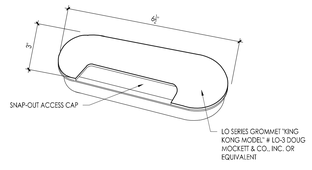
ITEM NO.	DESCRIPTION	MANUFACTURER	MODEL #	WIDTH	LENGTH	DEPTH	REMARKS	FINISH
101	DROP-IN SINK	JUST	SL-ADA-1921-65-J	22"	19 1/2"	6 1/2"	SEE SINK NOTE "A"	STAINLESS STEEL



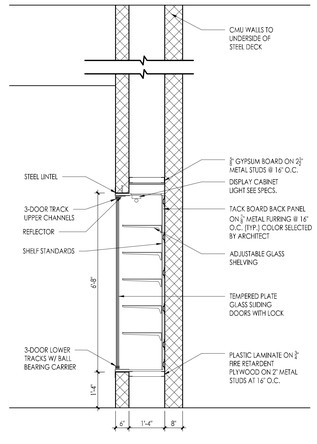
5 CASEWORK DETAIL
Scale: 1/2" = 1'-0"



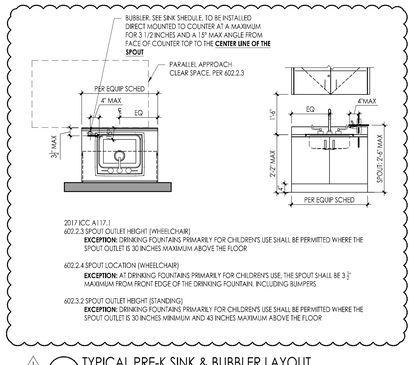
6 AV CABINET DETAIL
Scale: 1/2" = 1'-0"



7 Grommet Detail
Scale: 6" = 1'-0"



8 TYPICAL DISPLAY CASE DETAIL
Scale: 1/2" = 1'-0"



9 TYPICAL PRE-K SINK & BUBBLER LAYOUT
Scale: 1/2" = 1'-0"

GENERAL ENLARGED FLOOR PLAN NOTES:

1. ALL FURNITURE AND EQUIPMENT NOT TAGGED, NOT SCHEDULED, OR MARKED (N.I.C.) IS NOT IN CONTRACT UNLESS NOTED OTHERWISE. SEE EQUIPMENT SCHEDULE FOR EQUIPMENT MARKED WITH THE SYMBOL. ALL FURNITURE AND EQUIPMENT SHOWN DOTTED AND/OR INDICATED AS (N.I.C.) IS NOT IN CONTRACT.
2. REFER TO A100 SERIES FLOOR PLANS FOR ROOM LOCATION & ROOM NUMBERS.
3. REFER TO A100 SERIES FLOOR PLANS TO DETERMINE WHICH ROOMS ARE OPPOSITE HAND AND/OR SIMILAR TO ROOM SHOWN.
4. PROVIDE A MINIMUM 18" BARRIER-FREE MANEUVERING CLEARANCE AT THE PULL SIDE OF ALL DOORS ADJACENT TO CABINETS, SHELVING, CORRIDOR LOCKERS, ETC.
5. PROVIDE A MINIMUM 12" BARRIER-FREE MANEUVERING CLEARANCE AT THE PUSH SIDE OF ALL DOORS ADJACENT TO CABINETS, SHELVING, CORRIDOR LOCKERS, ETC.
6. THE EQUIPMENT SUB-CONTRACTOR(S) SHALL BE (A) SUBCONTRACTOR(S) OF THE GENERAL CONSTRUCTION WORK CONTRACTOR.

GENERAL CASEWORK NOTES:

1. CATALOG NUMBERS REFER TO MOST CURRENT CAMPBELL RHEA CASEWORK CATALOG AND JUST MANUFACTURING CATALOG UNLESS OTHERWISE NOTED. FOR REFERENCE ONLY.
2. ALL CASEWORK DOORS AND DRAWERS TO HAVE LOCKS KEYED ALIKE PER ROOM AND MASTER KEYED.
3. ALL TOPS SHALL BE 1/2" SOLID SURFACE ON 1/2" PLYWOOD (UNLESS NOTED OTHERWISE). LAMINATE TOPS ARE NOT ACCEPTABLE AND WILL BE REJECTED.
4. ALL BACKSPLASHES SHALL BE 1/2" SOLID SURFACE (UNLESS NOTED OTHERWISE).
5. ALL FURNITURE AND EQUIPMENT SHOWN DOTTED AND/OR INDICATED AS (N.I.C.) IS NOT IN CONTRACT.
6. THE CASEWORK & EQUIPMENT SUB-CONTRACTOR(S) SHALL TURN OVER TO THE PLUMBING AND ELECTRICAL SUB-CONTRACTOR(S) IN A PACKAGE, ALL SINKS, FIXTURES, FAUCETS, TAILPIECES, STRAINERS, ETC., AND ELECTRICAL DEVICES, NIPPLES AND LOCKNUTS, ETC., FOR INSTALLATION AND FINAL CONNECTION.
7. THE CASEWORK AND EQUIPMENT SUB-CONTRACTOR SHALL PROVIDE AN ITEMIZED LIST AND A DESIGNATED SITE LOCATION FOR THE TRANSFER OF THE MATERIALS REFERENCED IN NOTE 6 TO THE PLUMBING AND ELECTRICAL SUB-CONTRACTORS. THE LIST SHALL HAVE A DESCRIPTION OF THE ITEMS AND QUANTITY ALONG WITH A SIGN-OFF LINE FOR THE PLUMBING AND ELECTRICAL SUB-CONTRACTORS. A COPY OF THE SIGNED LIST IS TO BE SUBMITTED TO THE ARCHITECT / OWNER PRIOR TO BILLING FOR THIS EQUIPMENT.
8. EQUIPMENT SUB-CONTRACTOR SHALL MAKE SINK CUT-OUTS.
9. ALL DUPLEX OUTLETS SHALL BE G.F.C.I. UNLESS NOTED OTHERWISE AND SHALL BE TAMPER-RESISTANT.
10. SINK CABINETS SHALL BE INSTALLED BEFORE THE INSTALLATION OF ADJACENT CABINETS.
11. ALL CONTRACTORS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IN WRITTEN FORM OF ANY DISCREPANCIES.
12. PROVIDE ALL FILLERS AS REQUIRED. FILLERS AT BASE CABINETS SHALL BE AT FRONT OF CABINET AND COUNTERTOP SHALL BE CONTINUOUS OVER FILLER PANEL. FILLERS AT TALL CABINETS SHALL BE AT FRONT AND TOP OF CABINET. FILLERS AT WALL CASES SHALL BE AT FRONT, TOP AND BOTTOM OF CABINET. FINISH TO MATCH CASEWORK.
13. ALL PRINTERS AND COMPUTERS ARE N.I.C. (TYPICAL)
14. RUBBER BASE ON ALL CASEWORK BY G.C. (TYPICAL)
15. ALL SCHEDULED EQUIPMENT MANUFACTURERS ARE "BASIS OF DESIGN", OR APPROVED EQUAL.
16. SEE DETAILS A AND B / A403 FOR MOUNTING OF DRYMARKER BOARDS AND EXHIBITION BOARDS.

EQUIPMENT LEGEND

EPS	ELECTRICAL FLOOR SCREEN (TYPE AS NOTED)
FBK	FIRE BLANKET
FEB	FIRE EXTINGUISHER (BRACKET MOUNTED)
FEC	FIRE EXTINGUISHER AND CABINET
FO	ELECTRICAL FLOOR OUTLET
GC	GOGGLE CABINET
MB	MARKERBOARD
MPS	MANUAL PROJECTION SCREEN (TYPE AS NOTED)
TB	TACKBOARD
TS	TACKSTRIP

SINK NOTE "A": (ITEM #101)

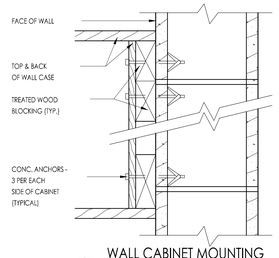
JUST SL-ADA-1921-65-J" DROP-IN STAINLESS STEEL WHEELCHAIR ACCESSIBLE SINK; TYPE 304, 18-GAUGE SINGLE COMPARTMENT, SELF-RIM, 22" W x 19 1/2" L x 6 1/2" D, SINK UNDERCOATED W/ SOUND DEADENING MATERIAL. FURNISH COMPLETE WITH:

JUST "J-11175-K5" FAUCET WITH CONCEALED HOT & COLD MIXING VALVE, SWIVERAL GOOSENECK SPOUT, 1.5 GPM AERATOR AND WRIST BLADE HANDLES

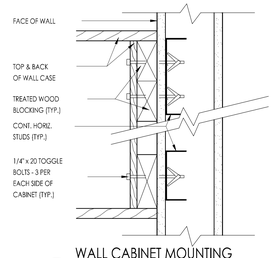
JUST "J-ADA-35-PS" OFFSET DRAIN ASSEMBLY W/ DRAIN INSULATING KIT (#J-ADA-150) AND STAINLESS STEEL FLAT STRAINER & 4" LONG STAINLESS STEEL TAILPIECE (#J-35-SSF)

BUBBLER NOTE "A": ZURN "Z83600-XL-RKR" WITH ADA COMPLIANT ROCKER HANDLE. DIRECT INSTALL BUBBLER IN SOLID SURFACE MATERIAL TOP, REFER TO DETAILS 9/A400.

SINK, FAUCET, BUBBLER, STRAINER, AND TAILPIECE TO BE SUPPLIED BY EQUIPMENT CONTRACTOR. THE PLUMBING SUBCONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAPS, VALVES, WASTE LINES, ETC. AS REQUIRED TO MAKE THE SYSTEM FULLY FUNCTIONAL. THE PLUMBING SUBCONTRACTOR SHALL MAKE THE FINAL PLUMBING CONNECTIONS REQUIRED TO MAKE THE SYSTEM FULLY FUNCTIONAL. SEE GENERAL CASEWORK NOTES # 6 & 7.



5B WALL CABINET MOUNTING DETAIL - CMU WALL
Scale: 1/2" = 1'-0"



5C WALL CABINET MOUNTING DETAIL - STUD WALL
Scale: 1/2" = 1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01707200
JASON J. LOMBOWITCH, AIA
NJ - 21A01715600 | PA - RA414282
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21A01715400 | PA - RA414545
10/10/25
Date
Architect
FVHD Fellows planners
Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

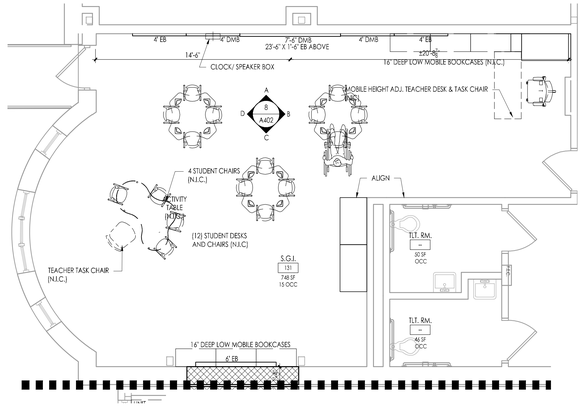
Scale
AS NOTED

Drawing Name
ENLARGED FLOOR PLAN NOTES, CASEWORK SCHEDULES, & DETAILS

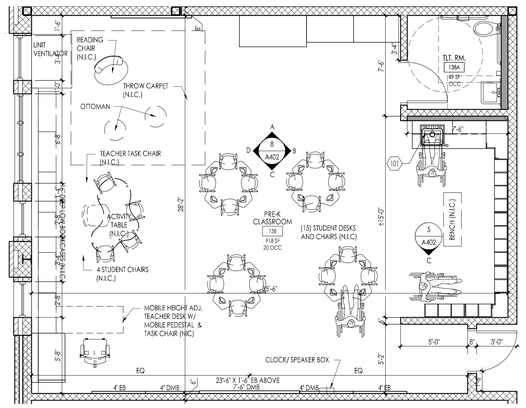
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
1	11.17.25	NJ DCA RESPONSES

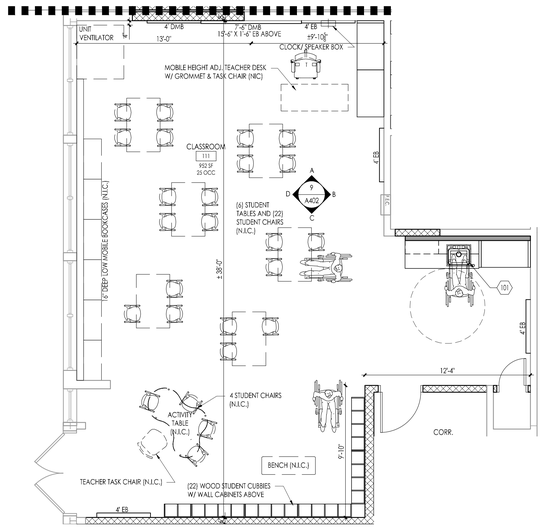
Drawing Number
A400



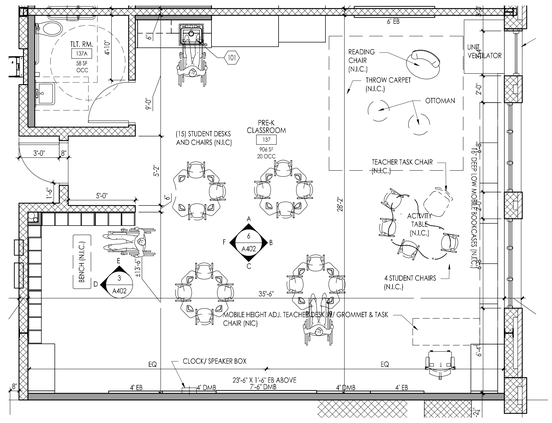
1 S.G.I. 131
1/4" = 1'-0"



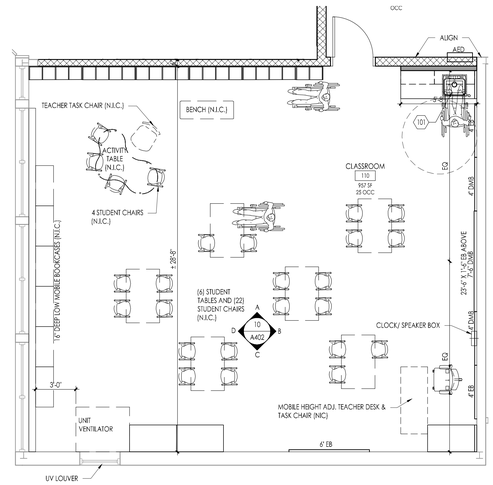
4 CLASSROOM 138
1/4" = 1'-0"



2 CLASSROOM 111
1/4" = 1'-0"



5 CLASSROOM 137 & 139 MIRRORED
1/4" = 1'-0"



3 CLASSROOM 110
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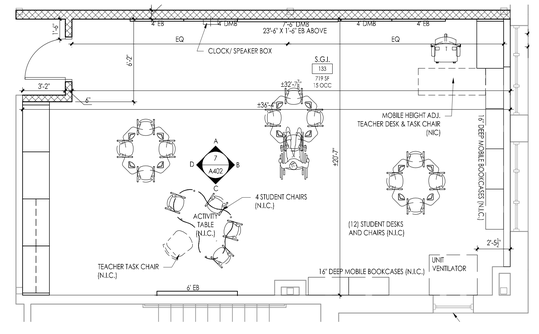
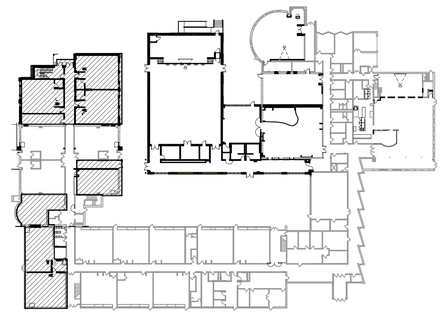


6 S.G.I. 132
1/4" = 1'-0"



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01612700
JASON J. DUBOWITCH, AIA
NJ - 21A01715000 | PA - RA424090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A02031100 | PA - RA414585
10/10/25
Date
Architect

FVHD Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

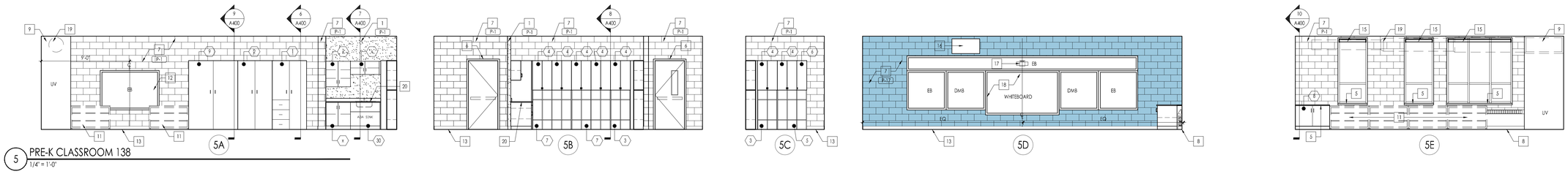
Scale
AS NOTED

Drawing Name
ENLARGED PLANS - FIRST FLOOR CLASSROOMS

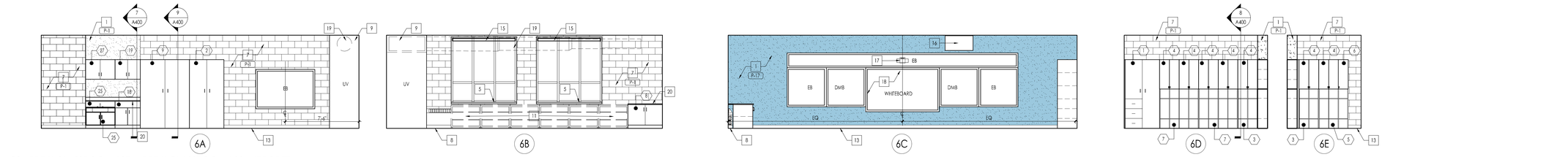
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

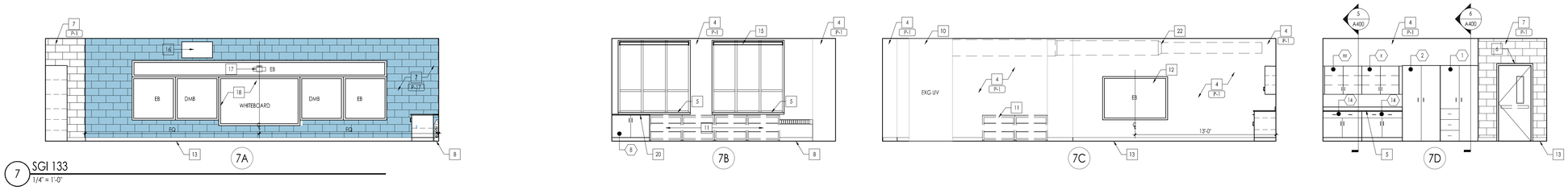
Drawing Number
A401



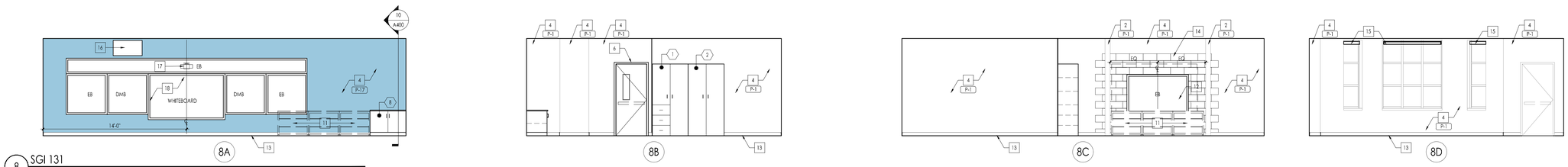
5 PRE-K CLASSROOM 138
1/4" = 1'-0"



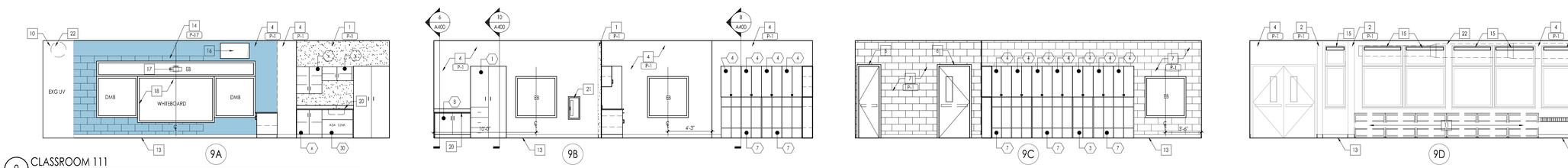
6 PRE-K CLASSROOM 137 & PRE-K CLASSROOM 139 MIRRORED
1/4" = 1'-0"



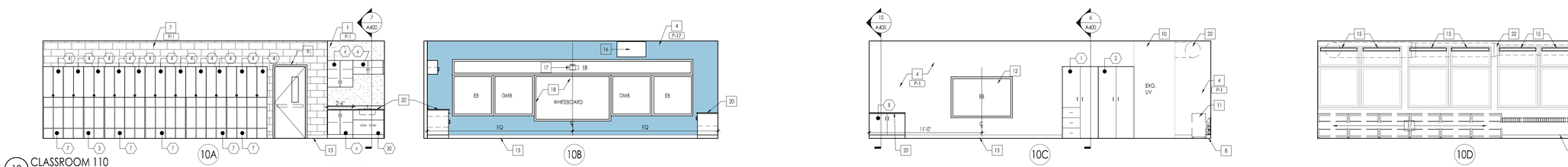
7 SGI 133
1/4" = 1'-0"



8 SGI 131
1/4" = 1'-0"



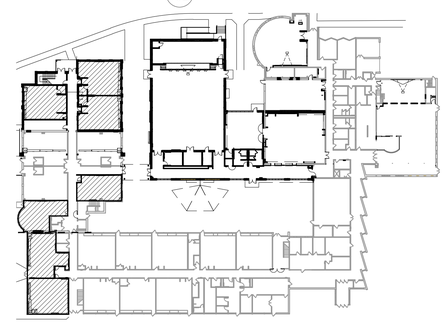
9 CLASSROOM 111
1/4" = 1'-0"



10 CLASSROOM 110
1/4" = 1'-0"

KEY NOTE LEGEND

1	5/8" GYP. BOARD PAINTED. REFER A700 SERIES DRAWINGS FOR FINISHES	13	4" RUBBER BASE. REFER FINISHES
2	EXPOSED STEEL COLUMN PAINTED	14	INFILL EXISTING OPENING WITH CMU, SIZE AND THICKNESS TO MATCH EXISTING
3	NOT USED	15	MANUAL BLACK-OUT ROLLING SHADES, REFER FINISH LEGEND + SPECIFICATIONS
4	EXISTING CMU BLOCK WALL, PAINTED, REFER A700 SERIES FOR FINISHES	16	CLOCK/SPEAKER BOX. REFER ELECTRICAL DRAWINGS FOR DETAILS
5	SOLID SURFACE SILL. REFER 44A/A310 FOR "SM" CONDITION AND B/A304 FOR WINDOW SILL	17	SHORT THROW PROJECTOR, BY OWNER
6	HOLLOW METAL DOOR AND FRAME. REFER DOOR SCHEDULE	18	TEACHING WALL. REFER 1/A400 FOR TYPICAL CONDITION
7	EXPOSED CMU PAINTED, RUNNING BOND, REFER STRUCTURE FOR VERTICAL AND HORIZONTAL REINFORCEMENT	19	EXPOSED SPIRAL DUCTWORK, PAINTED P-14, REFER TO MECHANICAL DRAWING FOR DUCTWORK DETAILS
8	FIN TUBE. REF MECH. DWGS FOR DETAILS	20	SOLID SURFACE COUNTER TOP WITH 4" HIGH BACKSPLASH
9	NEW UNIT VENTILATOR	21	FIRE EXTINGUISHER CABINET
10	EXISTING UNIT VENTILATOR	22	EXG. EXPOSED SPIRAL DUCTWORK, PAINTED P-14. REFER TO MECHANICAL DRAWING FOR DUCTWORK DETAILS
11	FURNITURE NOT IN CONTRACT, FOR REFERENCE ONLY	23	NOT USED
12	DRY MARKERBOARD/EXHIBITION BOARD . REFER 4/A400 FOR TYPICAL CONDITION	24	NOT USED



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A001706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A000129700
JASON J. LINKOWITCH, AIA
NJ - 21A001715000 PA - RA424780
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21A000331001 | PA - RA414545
10/10/25
Date
Architect
FVHD Fraytak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

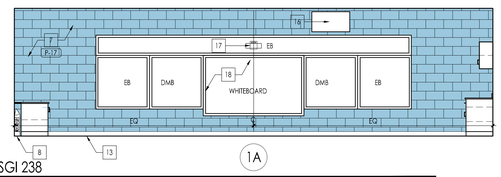
Scale
AS NOTED

Drawing Name
INTERIOR ELEVATIONS - FIRST FLOOR CLASSROOMS

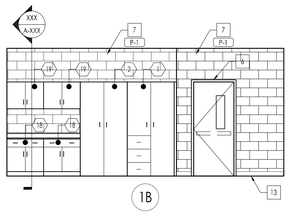
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

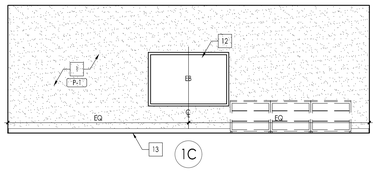
Drawing Number
A402



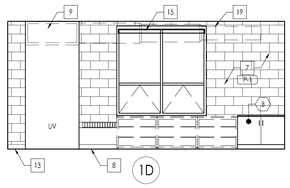
1A



1B

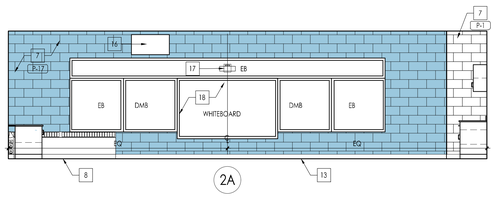


1C

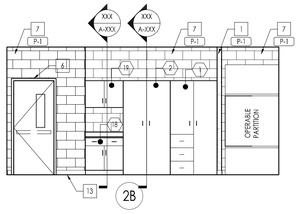


1D

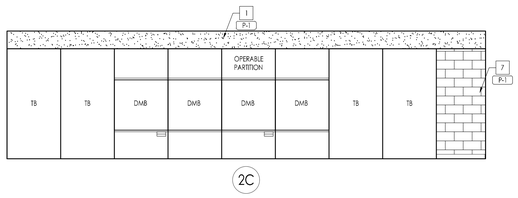
1 SGI 238
1/4" = 1'-0"



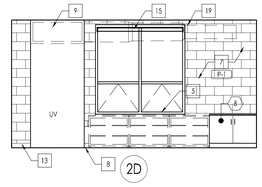
2A



2B

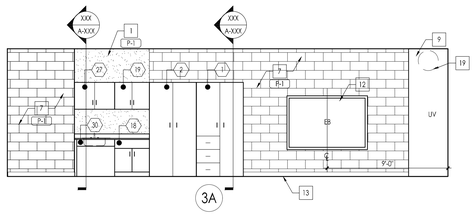


2C

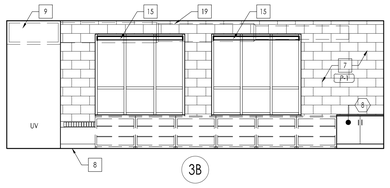


2D

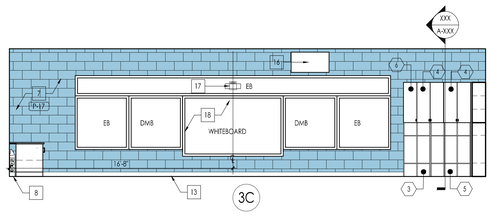
2 CLASSROOM 240B & CLASSROOM 240A MIRRORED
1/4" = 1'-0"



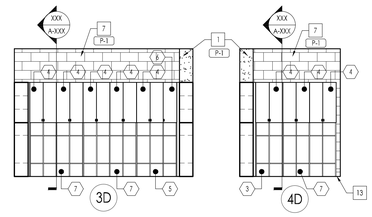
3A



3B



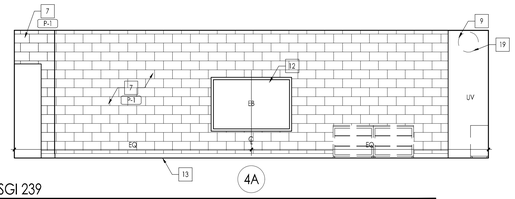
3C



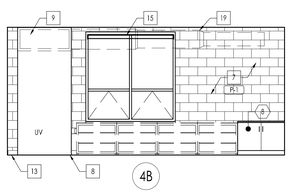
3D

4D

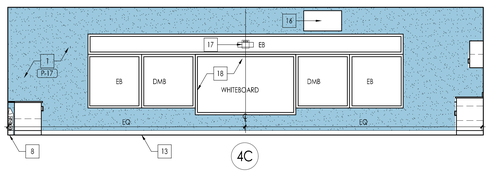
3 CLASSROOM 241 & CLASSROOM 243 MIRRORED
1/4" = 1'-0"



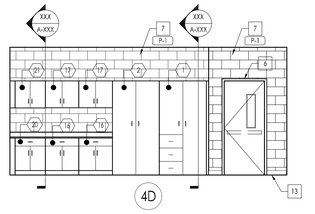
4A



4B



4C

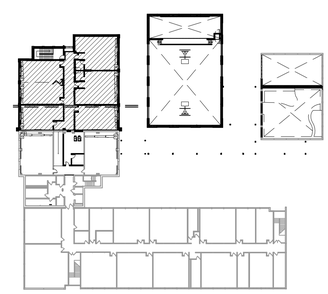


4D

4 SGI 239
1/4" = 1'-0"

KEY NOTE LEGEND

1	5/8" GYP BOARD PAINTED, REF A700 FOR FINISHES	13	4" RUBBER BASE, REF FINISHES
2	EXPOSED STEEL COLUMN PAINTED	14	INFILL EXISTING OPENING WITH CMU, SIZE AND THICKNESS TO MATCH EXISTING
3	NOT USED	15	MANUAL BLACK-OUT ROLLING SHADES, REF FINISH LEGEND + SPECS
4	EXIST CMU BLOCK WALL, PAINTED, REF A700 SERIES FOR FINISHES	16	CLOCK/SPEAKER BOX, REF ELECT. DWGS FOR DETAILS
5	SOLID SURFACE SILL, REF 4/A6/A310 FOR "SIM" CONDITION AND B/A304 FOR WINDOW SILL	17	SHORT THROW PROJECTOR, BY OWNER
6	WOOD DOOR IN HOLLOW METAL FRAME, REF DOOR SCHEDULE	18	TEACHING WALL, REF 1/A400 FOR TYP CONDITION
7	EXPOSED CMU PAINTED, RUNNING BOND, REF STRUCTURE FOR VERTICAL AND HORIZONTAL REINFORCEMENT	19	EXPOSED SPIRAL DUCTWORK, PAINTED P-14, REFER TO MECHANICAL DRAWING FOR DUCTWORK DETAILS
8	FIN TUBE, REF MECH. DWGS FOR DETAILS	20	SOLID SURFACE COUNTER TOP W/
9	NEW UNIT VENTILATOR	21	FIRE EXTINGUISHER CABINET
10	EXISTING UNIT VENTILATOR	22	EXG. EXPOSED SPIRAL DUCTWORK, PAINTED P-14, REFER TO MECHANICAL DRAWING FOR DUCTWORK DETAILS
11	FURNITURE NOT IN CONTRACT, FOR REFERENCE ONLY	23	NOT USED
12	DRY MARKERBOARD/EXHIBITION BOARD , REF 4/A400 FOR TYP CONDITION	24	NOT USED



SECOND FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01297200
JASON J. DUBOWITCH, AIA
NJ - 21AI01730000 PA - RA426209
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI02031100 | PA - RA414585

10/10/25
Date

Architect

FVHD Fabiano Viskovic Hopkins Duthie PC
Frayzak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

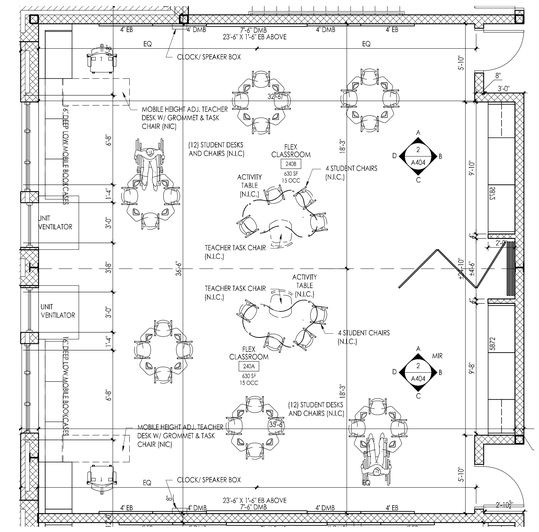
Project Number	5516C
Project Date	10.10.2025
Checked By	GRD
Drawn By	BMP
Scale	AS NOTED

Drawing Name
INTERIOR ELEVATIONS - SECOND FLOOR CLASSROOMS

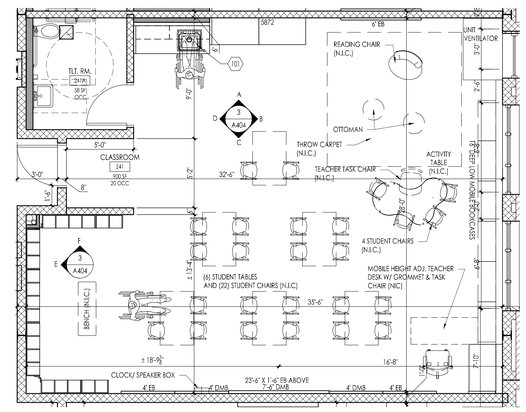
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

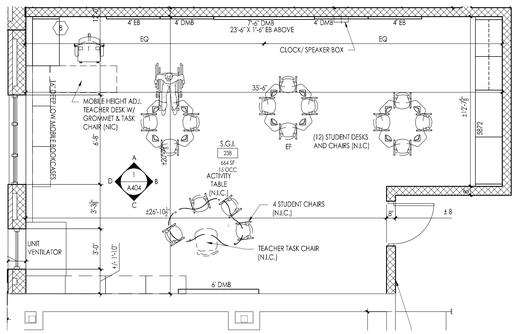
Drawing Number
A404



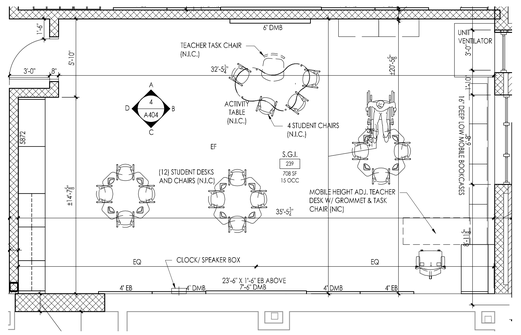
1 FLEX CLASSROOMS 240 & 242
1/4" = 1'-0"



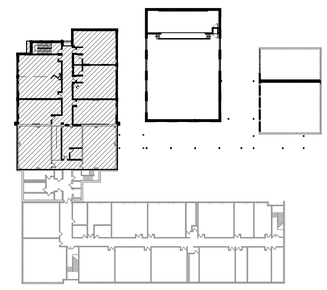
2 CLASSROOM 241 & 243 MIRRORED
1/4" = 1'-0"



3 S.G.I. 238
1/4" = 1'-0"



4 S.G.I. 239
1/4" = 1'-0"



SECOND FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A07706200 | PA - RA-012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A07707200
JASON J. LUBOWITCH, AIA
NJ - 21A07710400 | PA - RA-420289
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A07703100 | PA - RA-414583
10/10/25
Date
Architect
FVHD Architecture Planning Frayzak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

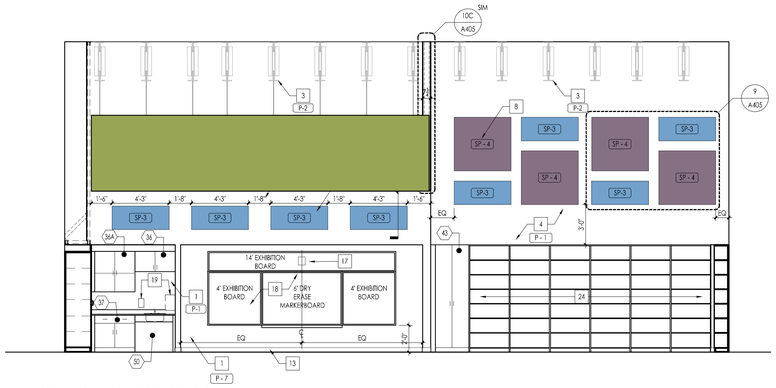
Scale
AS NOTED

Drawing Name
ENLARGED PLANS - SECOND FLOOR CLASSROOMS

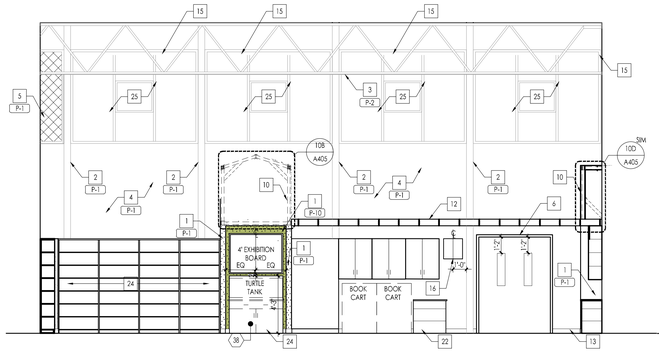
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

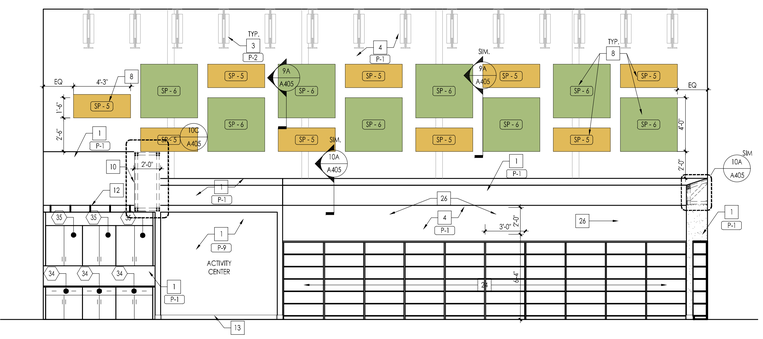
Drawing Number
A403



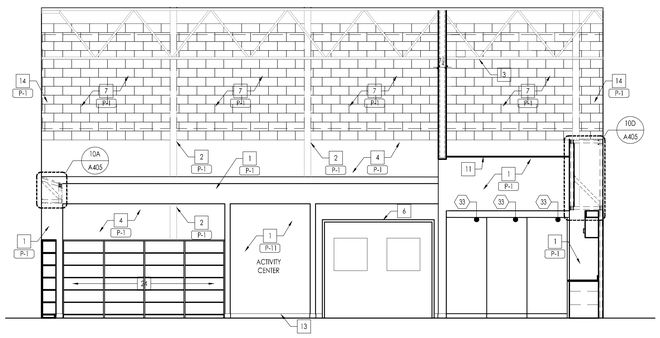
1 MEDIA CENTER ELEVATION
1/4" = 1'-0"



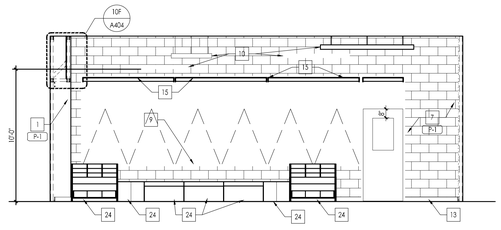
2 MEDIA CENTER ELEVATION
1/4" = 1'-0"



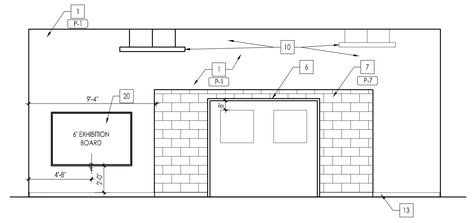
3 MEDIA CENTER ELEVATION
1/4" = 1'-0"



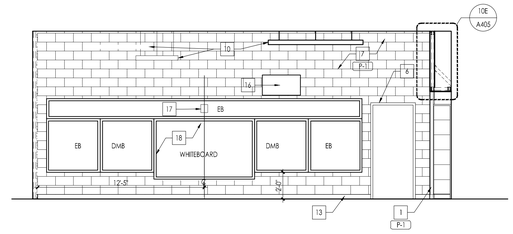
4 MEDIA CENTER ELEVATION
1/4" = 1'-0"



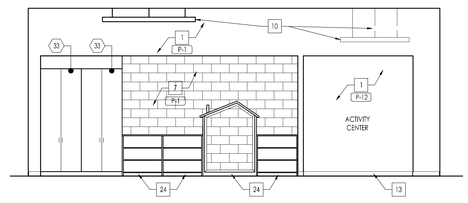
5 FLEX ROOM ELEVATION
1/4" = 1'-0"



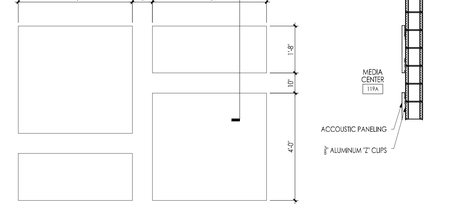
6 FLEX ROOM ELEVATION
1/4" = 1'-0"



7 FLEX ROOM ELEVATION
1/4" = 1'-0"

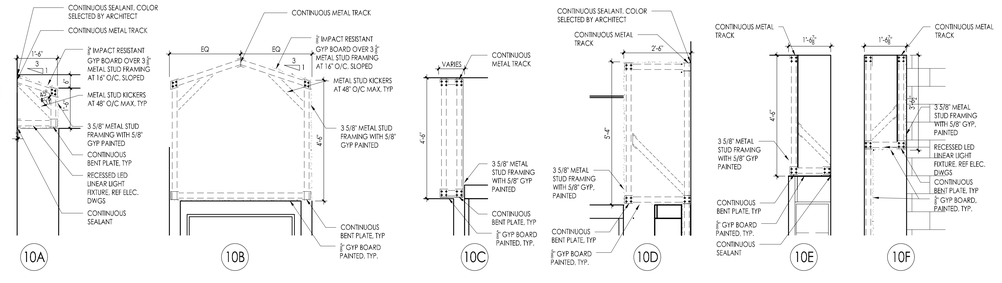


8 FLEX ROOM ELEVATION
1/4" = 1'-0"

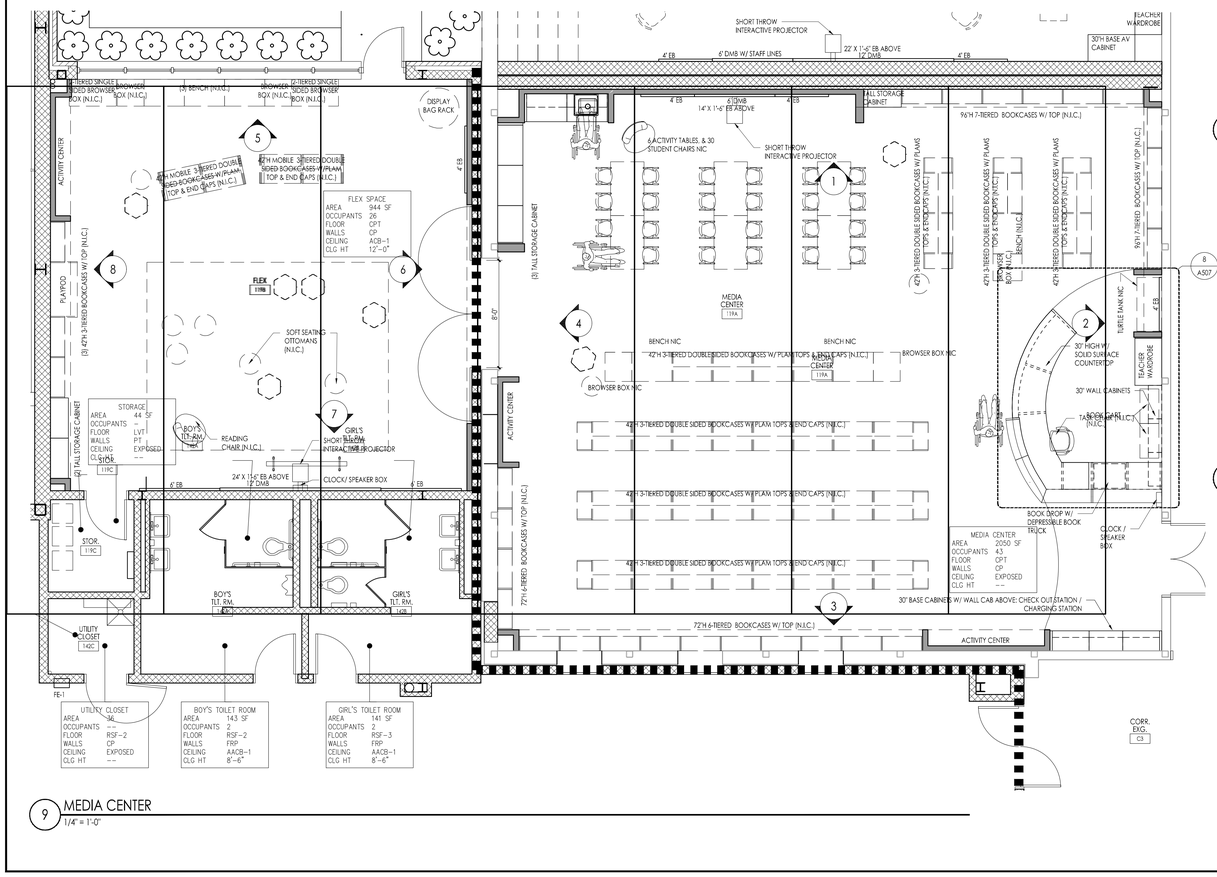


9 ACOUSTICAL SOUND PANEL DETAIL
1/2" = 1'-0"

9A DETAIL 9A
1/2" = 1'-0"



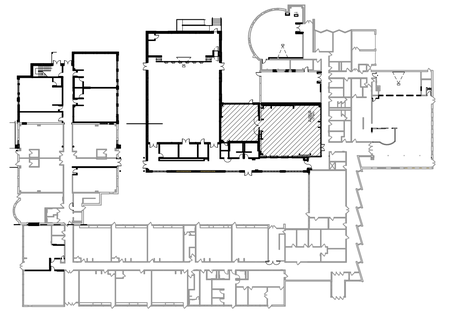
10 DETAILS
1/2" = 1'-0"



9 MEDIA CENTER
1/4" = 1'-0"

KEY NOTE LEGEND

1	½" GYP BOARD PAINTED, REFER TO A700 SERIES DRAWINGS FOR FINISHES
2	EXPOSED STEEL COLUMN PAINTED
3	EXISTING STEEL LONG SPAN JOIST PAINTED
4	EXISTING CMU BLOCK WALL PAINTED, REFER TO A700 SERIES DRAWINGS FOR FINISHES
5	INFILL EXISTING OPENING WITH METAL PANEL, SIZE AND THICKNESS TO MATCH EXISTING
6	HOLLOW METAL DOOR AND FRAME, REFER TO DOOR & FRAME SCHEDULE
7	EXPOSED CMU PAINTED, RUNNING BOND, REFER TO A700 SERIES DRAWINGS FOR FINISHES
8	ACOUSTICAL SOUND PANELS, REFER TO FINISH LEGEND AND SPECIFICATIONS FOR DETAIL.
9	SOLID SURFACE SILL REFER TO A300 SERIES DRAWINGS FOR DETAILS
10	LED PENDANT/LIGHT FIXTURE, REFER TO REFLECTED CEILING PLAN FOR DETAILS. ALT BID #CP-4
11	SUSPENDED ACOUSTICAL CEILING PANEL SYSTEM, REFER TO REFLECTED CEILING PLANS FOR DETAILS
12	SUSPENDED DECORATIVE CEILING SYSTEM, REFER TO REFLECTED CEILING PLAN FOR DETAILS
13	4" RUBBER BASE, REFER TO A700 DRAWINGS SERIES FOR FINISHES
14	INFILL EXISTING OPENING WITH CMU, SEE AND THICKNESS TO MATCH EXISTING
15	BLACK-OUT MOTORIZED ROLLING SHADES, REFER TO FINISH LEGEND AND SPECIFICATIONS FOR DETAILS
16	CLOCK/SPEAKER BOX, REFER TO ELECTRICAL DRAWINGS FOR DETAILS
17	SHORT THROW PROJECTOR, BY OWNER
18	TEACHING WALL, REFER TO 1/A400 FOR TYPICAL CONDITION
19	SOAP/PAPER TOWEL DISPENSER, REFER TO 4/A400 FOR DETAILS
20	DRY MARKERBOARD/EXHIBITION BOARD , REFER TO 4/A400 FOR DETAILS
21	NOT USED
22	CIRCULATION DESK, REFER TO A507 FOR DETAILS
23	NOT USED
24	FURNITURE/EQUIPMENT NOT IN CONTRACT, FOR REFERENCE ONLY
25	EXISTING ALUMINUM WINDOW FRAME SYSTEM TO REMAIN
26	BORROWED LITE, REFER TO DOOR & FRAME SCHEDULE



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706600 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01297100
JASON J. DOMOWITCH, AIA
NJ - 21AI01775600 | PA - RA414282
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00331001 | PA - RA414585
10/10/25
Date
Architect
FVHD architects planners
Fraytak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
JEK

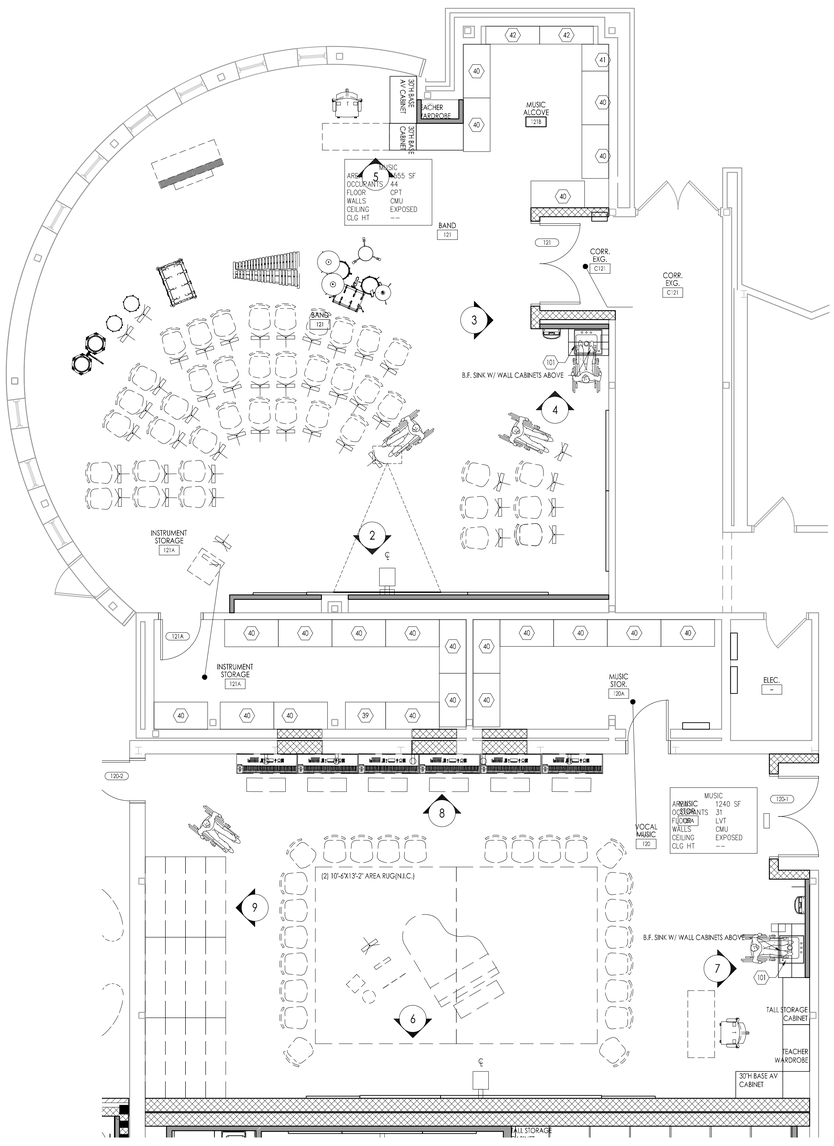
Scale
AS NOTED

Drawing Name
ENLARGED PLANS & INTERIOR ELEVATIONS - MEDIA CENTER & FLEX ROOM

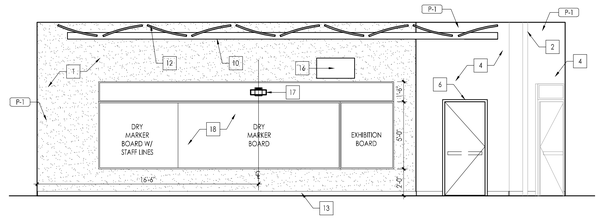
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

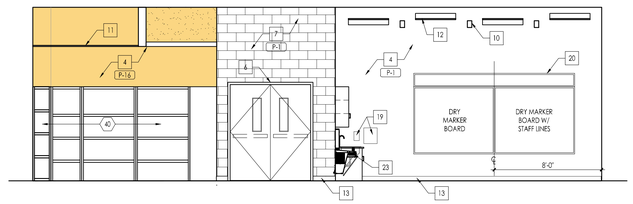
Drawing Number
A405



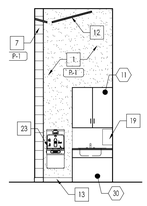
1 VOCAL MUSIC 120 & BAND 121
1/4"=1'-0"



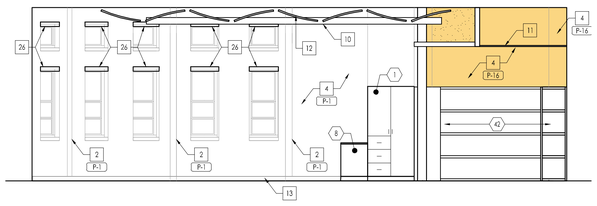
2 BAND 121 ELEVATION A
1/4"=1'-0"



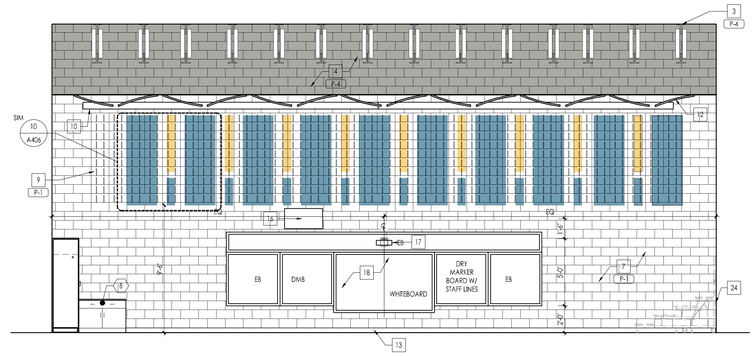
3 BAND 121 ELEVATION B
1/4"=1'-0"



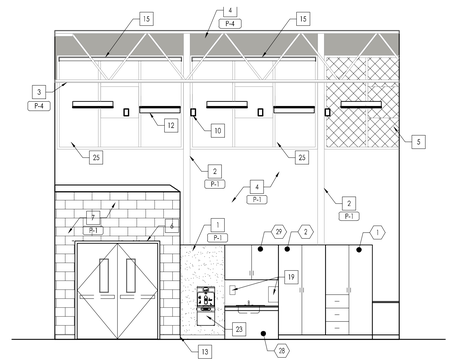
4 BAND 121 ELEVATION C
1/4"=1'-0"



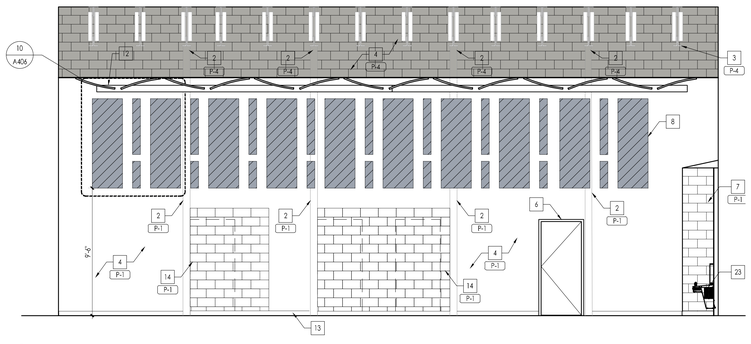
5 BAND 121 ELEVATION D
1/4"=1'-0"



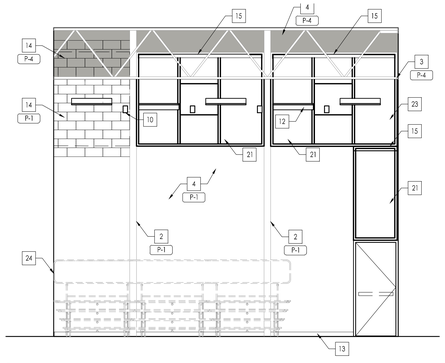
6 VOCAL MUSIC 120 ELEVATION A
1/4"=1'-0"



7 VOCAL MUSIC 120 ELEVATION B
1/4"=1'-0"



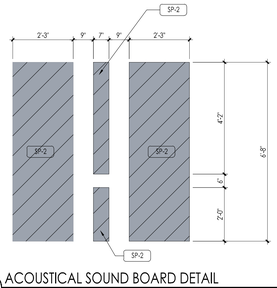
8 VOCAL MUSIC 120 ELEVATION C
1/4"=1'-0"



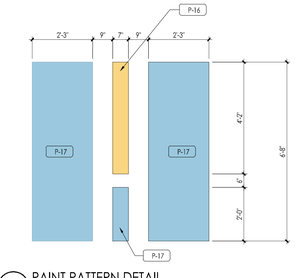
9 VOCAL MUSIC 120 ELEVATION D
1/4"=1'-0"

KEY NOTE LEGEND

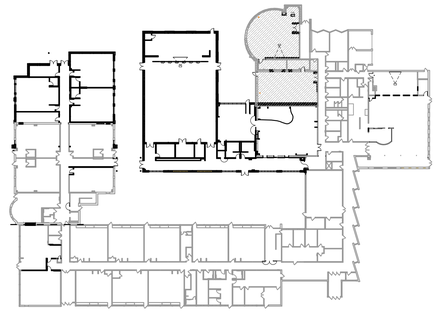
1	5/8" GYP. BOARD PAINTED, REFER TO A700 SERIES DRAWINGS FOR FINISHES
2	EXPOSED STEEL COLUMN PAINTED
3	EXG STEEL LONG SPAN JOIST PAINTED
4	EXIST WALL, PAINTED, REFER TO A700 SERIES DRAWINGS FOR FINISHES
5	INFILL EXISTING OPENING WITH METAL PANEL, SIZE AND THICKNESS TO MATCH EXISTING
6	WOOD DOOR IN HOLLOW METAL FRAME, REFER TO DOOR SCHEDULE
7	EXPOSED CMU PAINTED, RUNNING BOND, REF A700 SERIES FOR FINISHES
8	ACOUSTICAL SOUND PANELS, REFER TO FINISH LEGEND ON A601 AND SPECIFICATIONS FOR DETAILS
9	12" CMU SOUND BLOCK PAINTED, STACK BOND, REFER TO A700 SERIES DRAWINGS FOR FINISHES
10	LED LINEAR PENDANT/LIGHT FIXTURE, REFER TO REFLECTED CEILING PLAN FOR DETAILS
11	SUSPENDED ACOUSTICAL CEILING PANEL SYSTEM, REFER TO REFLECTED CEILING PLANS FOR DETAILS
12	SUSPENDED DECORATIVE CEILING SYSTEM, REFER TO REFLECTED CEILING PLAN FOR DETAILS
13	4" RUBBER BASE, REFER TO A700 SERIES DRAWINGS FOR FINISHES
14	INFILL EXISTING OPENING WITH CMU, SIZE AND THICKNESS TO MATCH EXISTING
15	BLACK-OUT MOTORIZED ROLLING SHADES, REFER TO FINISH LEGEND AND SPECIFICATIONS
16	CLOCK/SPEAKER BOX, REFER TO ELECTRICAL DRAWINGS FOR DETAILS
17	SHORT THROW PROJECTOR, BY OWNER
18	TEACHING WALL, REFER TO 1/A400 FOR TYPICAL CONDITION
19	SOAP/PAPER TOWEL DISPENSER, REFER TO 4/A400 FOR TYPICAL CONDITION
20	DRY MARKERBOARD/EXHIBITION BOARD , REFER TO 4/A400 FOR TYPICAL CONDITION
21	ALUMINUM WINDOW SYSTEM, REFER TO A600 SERIES DRAWINGS
22	NOT USED
23	ADA COMPLIANT DRINKING FOUNTAIN, REFER TO PLAN DRAWINGS
24	FURNITURE NOT IN CONTRACT, FOR REFERENCE ONLY
25	EXISTING ALUMINUM WINDOW FRAME SYSTEM TO REMAIN
26	MANUAL BLACK-OUT ROLLING SHADES, REFER TO FINISH LEGEND AND SPECS



10 ACOUSTICAL SOUND BOARD DETAIL
1/2"=1'-0"



11 PAINT PATTERN DETAIL
1/2"=1'-0"



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01207100
JASON J. GROBOWITCH, AIA
NJ - 21A01775600 | PA - RA426090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A01775600 | PA - RA414565
10/10/25
Date
Architect
FVHD Architects Planners Frayjak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

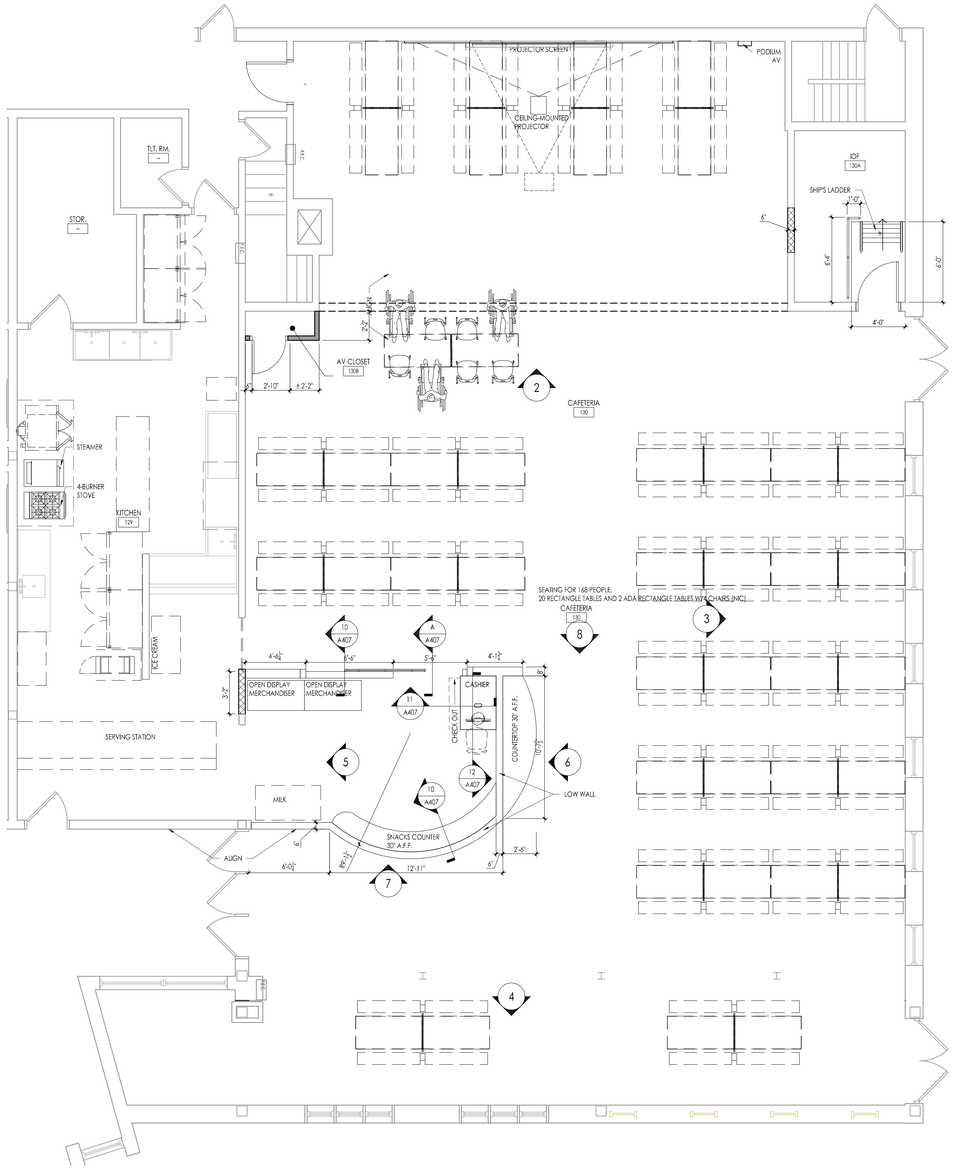
Project Number
5516C
Project Date
10.10.2025
Checked By
GRD
Drawn By
JEK
Scale
AS NOTED

Drawing Name
ENLARGED PLANS & INTERIOR ELEVATIONS - MUSIC ROOMS

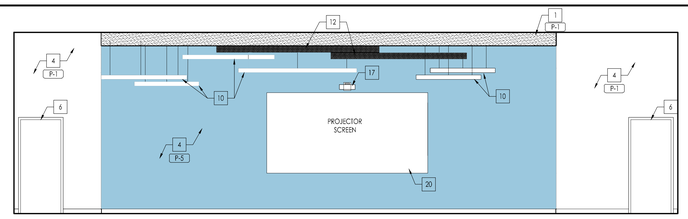
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

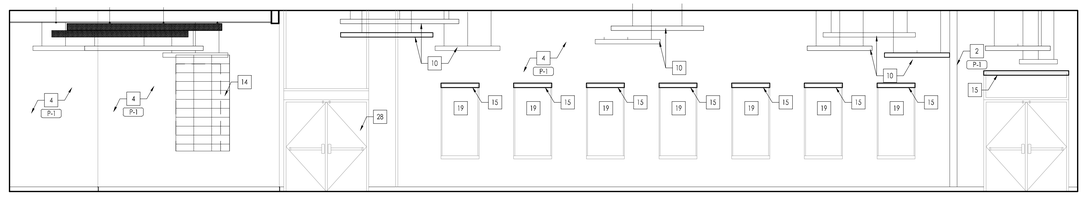
Drawing Number
A406



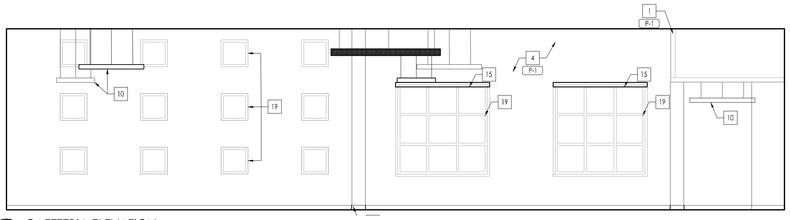
1 CAFETERIA 130 & KITCHEN ENLARGED PLAN
1/4"=1'-0"



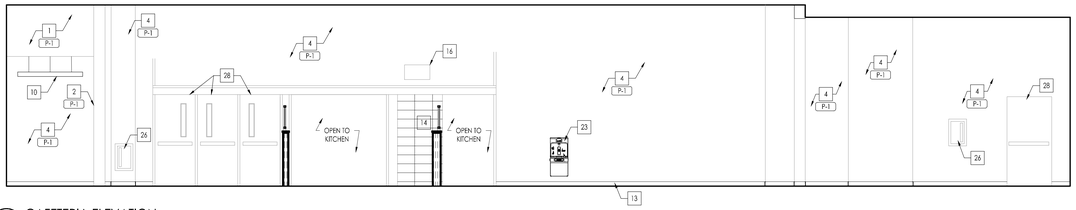
2 CAFETERIA ELEVATION
1/4"=1'-0"



3 CAFETERIA ELEVATION
1/4"=1'-0"



4 CAFETERIA ELEVATION
1/4"=1'-0"



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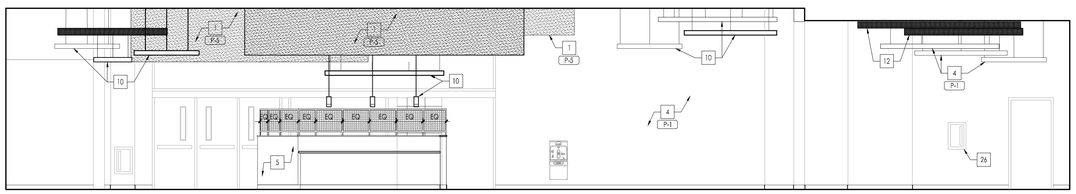
1/4"=1'-0"



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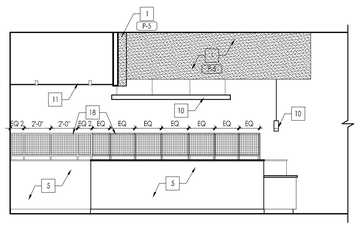
1/4"=1'-0"



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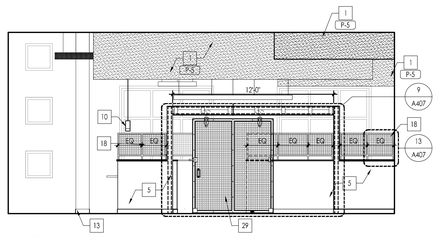
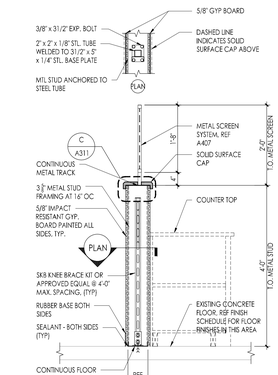
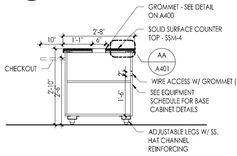
1/4"=1'-0"



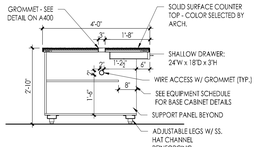
8 CAFETERIA ELEVATION
1/4"=1'-0"



10 KNEE WALL AND BRACING
3/4" - 1'-0"

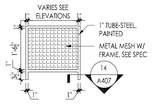


11 CAFETERIA CHECK OUT
1/2"=1'-0"

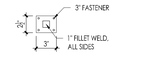


12 CAFETERIA CHECK OUT
1/2"=1'-0"

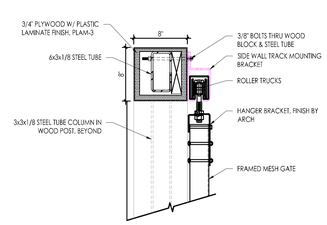
7 CAFETERIA ELEVATION
1/4"=1'-0"



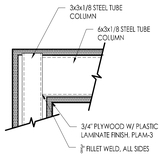
13 METAL MESH PANEL DETAIL
1/2"=1'-0"



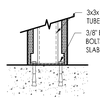
14 METAL MESH PANEL DETAIL
1/2"=1'-0"



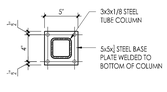
A GATE TRACK DETAIL
3/4"=1'-0"



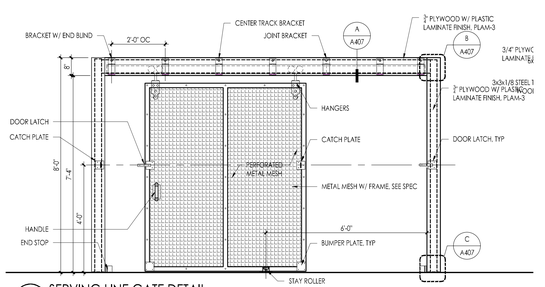
B COLUMN /BEAM DETAIL
1 1/2"=1'-0"



C BASE PLATE DETAIL
1 1/2"=1'-0"



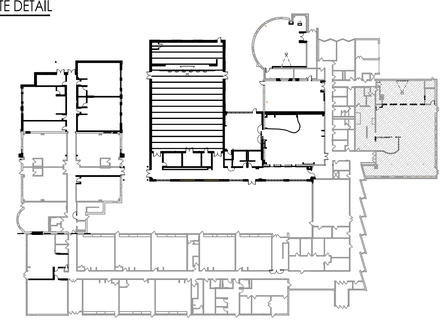
D BASE PLATE DETAIL
1 1/2"=1'-0"



9 SERVING LINE GATE DETAIL
1/2"=1'-0"

KEY NOTE LEGEND

1	⅝" GYP BOARD PAINTED. REFER TO A700 SERIES DRAWINGS FOR FINISHES
2	EXPOSED STEEL COLUMN PAINTED
3	NOT USED
4	EXISTING WALL, PAINTED. REFER TO A700 SERIES DRAWINGS FOR FINISHES
5	PLASTIC LAMINATE FINISH, PLAM-2. REFER TO A700 SERIES DRAWINGS FOR FINISHES
6	WOOD DOOR IN HOLLOW METAL FRAME. REFER TO DOOR SCHEDULE
7	NOT USED
8	NOT USED
9	DECORATIVE METAL PANEL SYSTEM. REFER TO REFLECTED CEILING PLAN FOR DETAILS
10	LED PENDANT/LIGHT FIXTURE. REFER TO REFLECTED CEILING PLAN FOR DETAILS
11	SUSPENDED ACOUSTICAL CEILING PANEL SYSTEM. REFER TO REFLECTED CEILING PLANS FOR DETAILS
12	SUSPENDED DECORATIVE CEILING SYSTEM. REFER TO REFLECTED CEILING PLAN FOR DETAILS
13	4" RUBBER BASE. REFER TO A700 SERIES DRAWINGS FOR FINISHES
14	INFILL EXISTING OPENING WITH CMU, STACK BOND. SEE AND THICKNESS TO MATCH EXISTING
15	MANUAL BLACK-OUT ROLLING SHADES. REFER TO FINISH LEGEND AND SPECIFICATIONS FOR DETAILS
16	EXISTING CLOCK
17	SHORT THROW PROJECTOR. PROVIDED BY OWNER. CONTRACTOR TO PROVIDE BLOCKING AS NEEDED FOR MOUNTING
18	PERFORATED METAL MESH. REFER TO SPECIFICATIONS FOR DETAILS
19	EXISTING WINDOW TO REMAIN
20	ROLL DOWN PROJECTOR SCREEN
21	NOT USED
22	FURNITURE NOT IN CONTRACT. FOR REFERENCE ONLY
23	EXISTING ADA COMPLIANT DRINKING FOUNTAIN
24	FURNITURE NOT IN CONTRACT. FOR REFERENCE ONLY
25	NOT USED
26	EXISTING FIRE EXTINGUISHER CABINET
27	NOT USED
28	EXISTING DOOR TO REMAIN
29	PERFORATED METAL MESH SLIDING GATE. REFER TO SPECIFICATIONS FOR DETAILS



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00128700 | PA - RA406909
JASON J. LUBOWITCH, AIA
NJ - 21AI00177000 | PA - RA414282
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00331001 | PA - RA414283
FVHD Fellows Vellaya Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
F V H D P C . C O M

10/10/25
Date
Architect

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JEK

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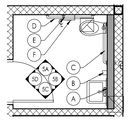
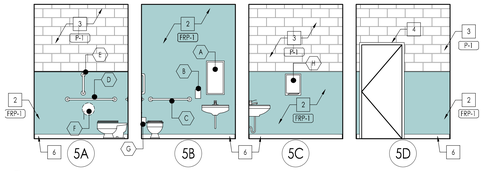
Drawing Name
ENLARGED PLANS & INTERIOR ELEVATIONS - CAFETERIA

Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

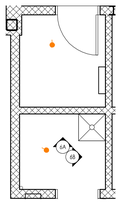
Drawing Number
A407



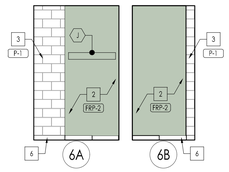
1 TYP. PRE-K TOILET ROOM
1/4" = 1'-0"



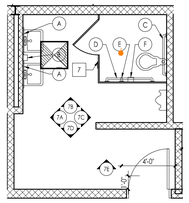
5 TYP. PRE-K TOILET ROOM
1/4" = 1'-0"



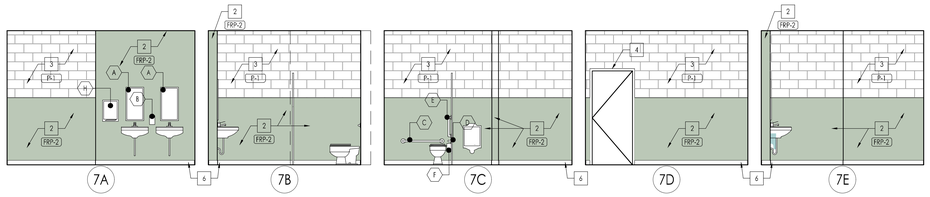
2 J.C. 142C
1/4" = 1'-0"



6 J.C. 142C
1/4" = 1'-0"



3 BOY'S TLT. RM. 142A
1/4" = 1'-0"



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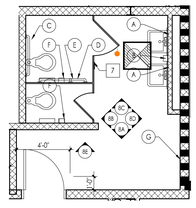
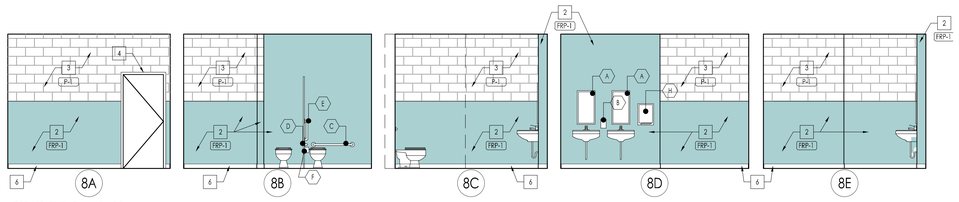
1/4" = 1'-0"



4 GIRL'S TLT. RM. 142B
1/4" = 1'-0"



8 GIRL'S TLT. RM. 142B
1/4" = 1'-0"

TOILET ACCESSORY LEGEND

ITEM NO.	DESCRIPTION	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	COMMENTS
A	MIRROR	BRADLEY OR APPROVED EQUAL	747-024362	CONTRACTOR	CONTRACTOR	
B	SOAP DISPENSER (SURFACE-MOUNTED TANK TYPE VERTICAL)	TBD	TBD	OWNER	CONTRACTOR	
C	36" HORIZONTAL GRAB BAR	BRADLEY OR APPROVED EQUAL	B370-001360	CONTRACTOR	CONTRACTOR	
D	42" HORIZONTAL GRAB BAR	BRADLEY OR APPROVED EQUAL	B370-001420	CONTRACTOR	CONTRACTOR	
E	18" VERTICAL GRAB BAR	BRADLEY OR APPROVED EQUAL	B370-001180	CONTRACTOR	CONTRACTOR	
F	TOILET TISSUE DISPESER	TBD	TBD	OWNER	CONTRACTOR	
G	SANITARY NAPKIN DISPOSAL	BRADLEY OR APPROVED EQUAL	4722	CONTRACTOR	CONTRACTOR	
H	PAPER TOWEL DISPENSER	TBD	TBD	OWNER	CONTRACTOR	
I	UTILITY SHELF W/ DRYING ROD, 4 HOOKS, 5 HOLDERS	BRADLEY OR APPROVED EQUAL	9985	CONTRACTOR	CONTRACTOR	

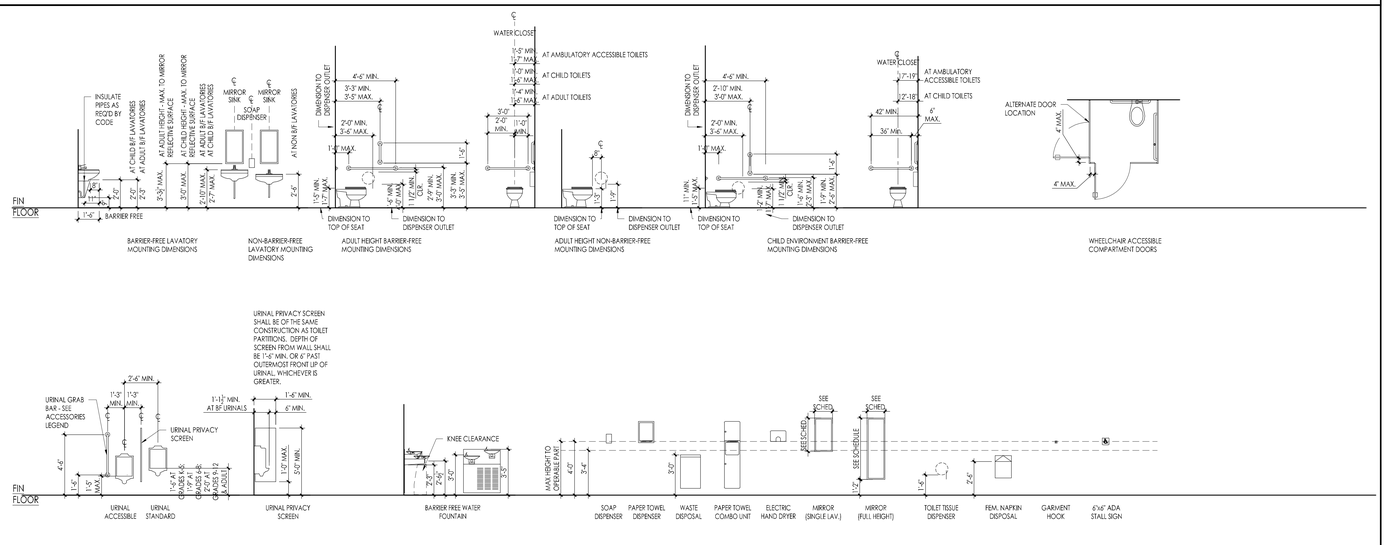
NOTES:
1. INSTALL HANDICAP SIGNAGE ON FRONT OF ALL ADA TOILET STALLS. SEE SIGNAGE TYPE 2 ON A601.

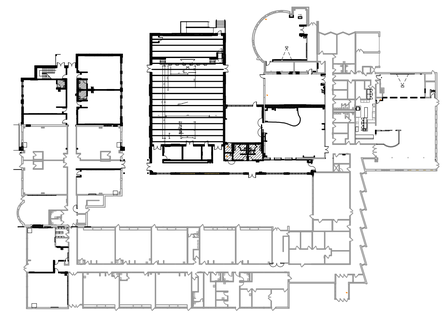
KEY NOTE LEGEND

1	5/8" GYP BOARD PAINTED. REFER TO A700 SERIES DRAWINGS FOR FINISHES
2	FRP. REFER TO A700 SERIES DRAWINGS FOR FINISHES
3	EXPOSED CMU PAINTED. P-1
4	WOOD DOOR AND HOLLOW METAL FRAME. REFER TO DOOR SCHEDULE
5	NOT USED
6	RESILIENT SHEET FLOORING WITH INTEGRAL 4" WALL BASE. REFER TO A700 SERIES DRAWINGS FOR FINISHES
7	PROVIDE SIGN TYPE 2 AT PARTITION DOOR. REFER TO A601 AND SPECIFICATIONS FOR DETAILS

NOTE:
INSTALL SIGN TYPE '2' ON B/F TOILET STALL DOOR(S). SEE SHEET A601 FOR DETAILS.

STANDARD TOILET ACCESSORY MOUNTING HEIGHTS





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N.T.S.

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JASON J. DUBOWITCH, AIA
NJ - 21AI01775000 | PA - RA426700
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00331100 | PA - RA414585
10/10/25
Date
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AS NOTED

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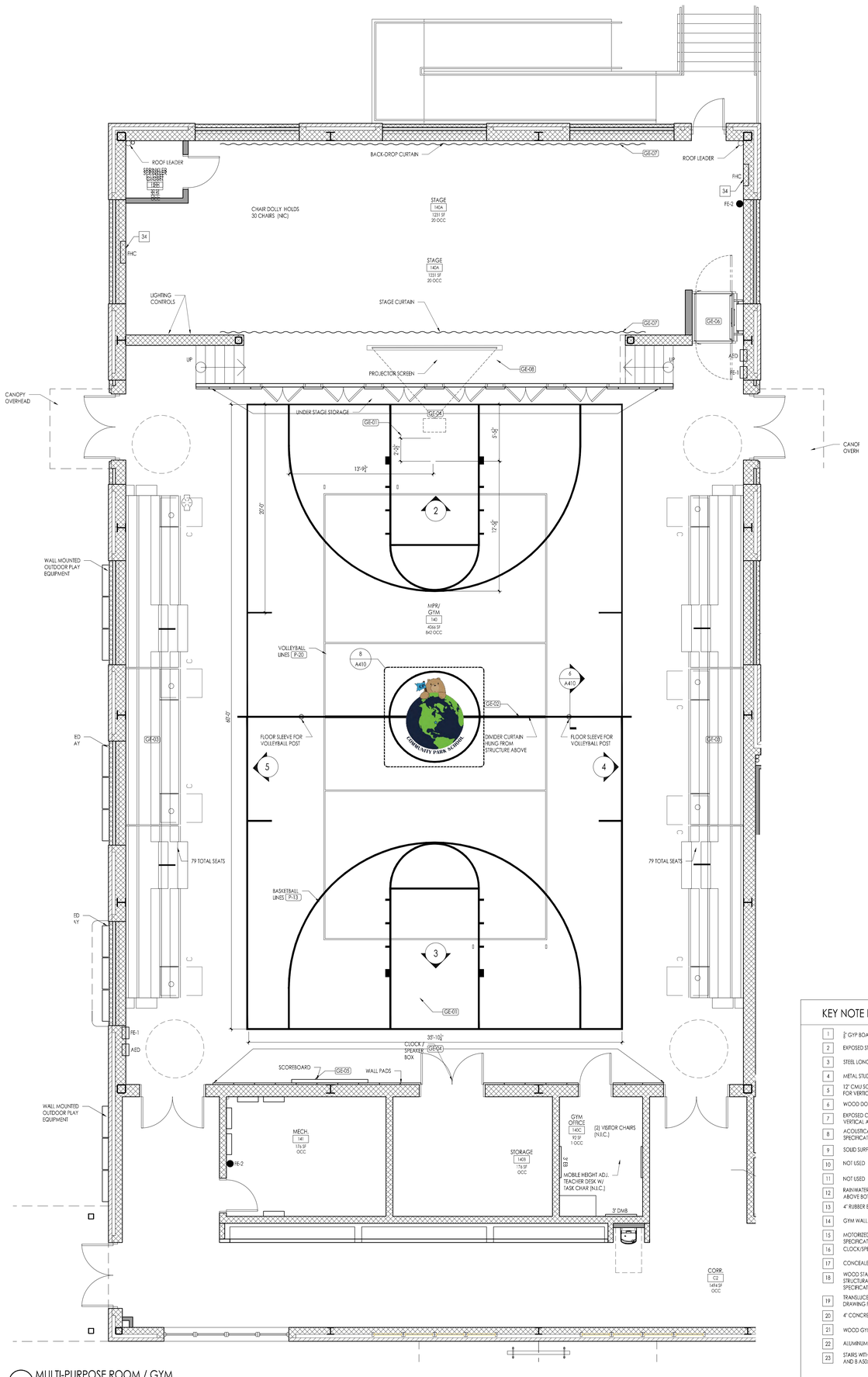
ENLARGED PLANS & INTERIOR ELEVATIONS - TOILET ROOMS

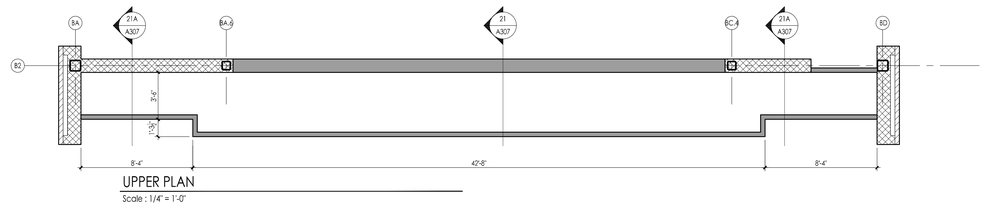
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

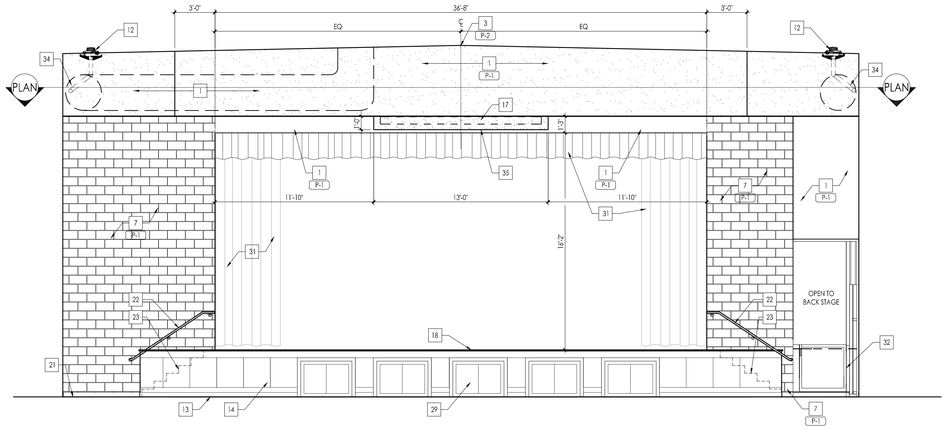
Drawing Number
A408



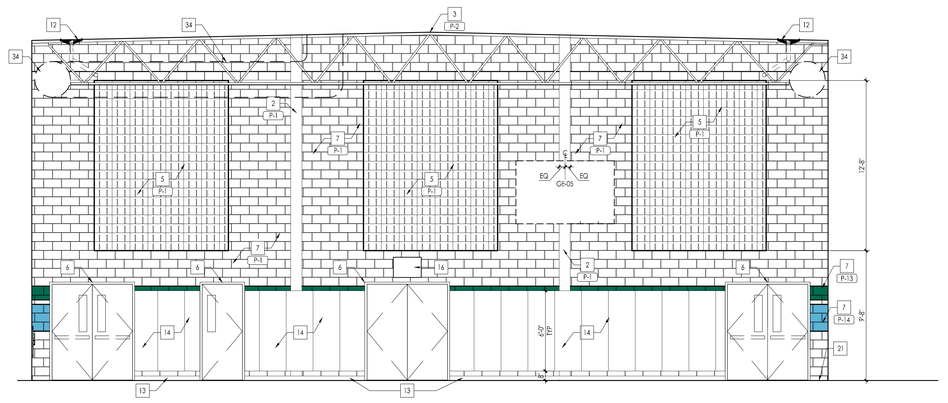
1 MULTI-PURPOSE ROOM / GYM
1/4" = 1'-0"



UPPER PLAN
Scale : 1/4" = 1'-0"



2 MULTI-PURPOSE ROOM / GYM ELEVATION
1/4" = 1'-0"



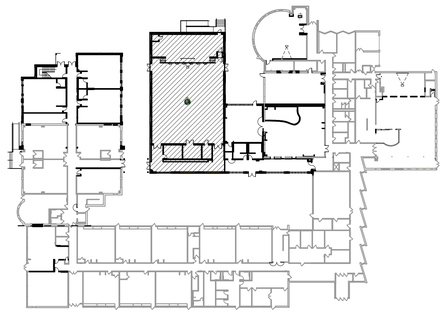
3 MULTI-PURPOSE ROOM / GYM ELEVATION
1/4" = 1'-0"

KEY NOTE LEGEND

1	⅝" GYP BOARD PAINTED, REF A700 FOR FINISHES
2	EXPOSED STEEL COLUMN PAINTED
3	STEEL LONG SPAN JOIST PAINTED, REF STRUCTURE
4	METAL STUD FRAMING, REF WALL SECTIONS
5	12" CMU SOUND BLOCK PAINTED, STACK BOND, REF STRUCTURE FOR VERTICAL AND HORIZONTAL REINFORCEMENT
6	WOOD DOOR AND HOLLOW METAL FRAME, REF DOOR SCHEDULE
7	EXPOSED CMU PAINTED, RUNNING BOND, REF STRUCTURE FOR VERTICAL AND HORIZONTAL REINFORCEMENT
8	ACOUSTICAL SOUND PANELS, REFER TO FINISH LEGEND AND SPECIFICATIONS FOR DETAILS.
9	SOLID SURFACE SILL, REF A300 SERIES DRAWINGS FOR DETAILS.
10	NOT USED
11	NOT USED
12	RAINWATER CONDUCTOR WITH ROOF DRAIN AND OVERFLOW ABOVE BOTTOM JOIST CHORD, REF PLUMBING AND ROOF PLAN
13	4" RUBBER BASE, REF A604
14	GYM WALL PADS, REF SPECS
15	MOTORIZED BLACKOUT ROLLER SHADES, REF FINISH LEGEND AND SPECIFICATIONS.
16	CLOCK/SPEAKER BOX WITH CAGE, REF ELECT. DWGS FOR DETAILS
17	CONCEALED PROJECTOR SCREEN BEYOND
18	WOOD STAGE FLOORING OVER CONCRETE ON METAL DECKING, REF STRUCTURAL FOR FLOOR DETAILS. REF FINISH LEGEND AND SPECIFICATIONS FOR WOOD FLOOR DETAILS.
19	TRANSLUCENT FIBERGLASS INSULATED PANEL SYSTEM, REF A600 SERIES DRAWING FOR DETAILS.
20	4" CONCRETE ON METAL DECK, REFER STRUCTURAL DRAWINGS
21	WOOD GYM FLOOR, REF FINISH LEGEND AND SPECIFICATIONS
22	ALUMINUM HANDRAILS, REF 7 AND 8 A505
23	STAIRS WITH RUBBER TREADS, REFER A700 SERIES FOR FINISHES. REF 7 AND 8 A505 FOR STAGE STAIRS SECTIONS AND DETAILS
24	ROLL-UP DIVIDER CURTAIN, REF SPECIFICATIONS
25	NOT USED
26	STEEL ANGLE FRAMING, REF S-DWGS
27	STEEL BEAM, REF STRUCTURE
28	RETRACEABLE BLEACHER SYSTEM, REFERENCE SPECIFICATIONS
29	UNDER STAGE STORAGE COMPARTMENT WOOD DOORS & FRAMES W/ WALL PADS INSTALLED ON DOOR, REF DOOR SCHEDULE & A603
30	NOT USED
31	STAGE CURTAIN AND VALANCE, REF SPECIFICATIONS
32	WHEELCHAIR LIFT BEYOND WITH GATE, REFERENCE SPECIFICATIONS
33	FIRE EXTINGUISHER CABINET & AED CABINET, REF G003
34	EXPOSED METAL SPIRAL DUCTWORK, PAINTED, P-X, REFER TO MECHANICAL DRAWINGS FOR DETAILS
35	PROJECTOR SCREEN WALL, COORDINATE DEPTH WITH PROJECTOR SCREEN MANUFACTURER

GYMNASIUM EQUIPMENT SCHEDULE

TYPE MARK	MANUFACTURER	MODEL #	DESCRIPTION	RESPONSIBILITY MATRIX				REMARKS
				FURNISHED BY		INSTALLED BY		
				CONTRACTOR	OWNER	CONTRACTOR	OWNER	
GE-01	PORTER ATHLETIC	909499000	CEILING SUSPENDED BASKETBALL BACKSTOPS	X	---	X	---	FRONT FOLDING, MANUAL HEIGHT ADJUSTMENT. PROVIDE PORTER POWER-TOUCH CONTROL SYSTEM.
GE-02	PORTER ATHLETIC	920820000	CENTER ROLL-I-DIVIDER CURTAIN	X	---	X	---	PROVIDE PORTER POWER-TOUCH CONTROL SYSTEM.
GE-03	HUSSEY	MAXAM 26	TELESCOPIC GYMNASIUM BLEACHERS - (3) TIER	X	---	X	---	POWERED WITH PENDANT CONTROL UNIT.
GE-04	PORTER ATHLETIC	5610xx	WALL PADS	X	---	X	---	DURASAFE W/ NAILING MARGINS. PROVIDE OUTLET SLEEVES @ ALL ELECTRICAL OUTLETS, SWITCHES, AND OTHER ELECTRICAL/ FIRE ALARM DEVICES. MOUNT WALL PADS ON STAGE DOOR.
GE-05	NEVCO	279S	INDOOR MULTI-SPORT SCOREBOARD	X	---	X	---	REFER TO SPECIFICATIONS
GE-06	SAVARIA	V1504	VERTICAL PLATFORM LIFT	X	---	X	---	REFER TO SPECIFICATIONS
GE-07	REFER TO SPECIFICATIONS	SEE SPEC	MOTORIZED STAGE CURTAINS	X	---	X	---	PROVIDE VALANCE AT PROSCENIUM WALL
GE-08	REFER TO SPECIFICATIONS	SEE SPEC	MOTORIZED PROJECTOR SCREEN	X	---	X	---	



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - #14071706000 | PA - #AR125309
GEORGE R. DUTHIE JR., AIA, PP
NJ - #AI-20700 | PA - #RA406290
JASON J. DROWITCH, AIA
NJ - #AI-21700 | PA - #RA414282
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - #AI0203100 | PA - #RA414363
10/10/25
Date
Architect

FVHD Architects Engineers Frayjak Velaz Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

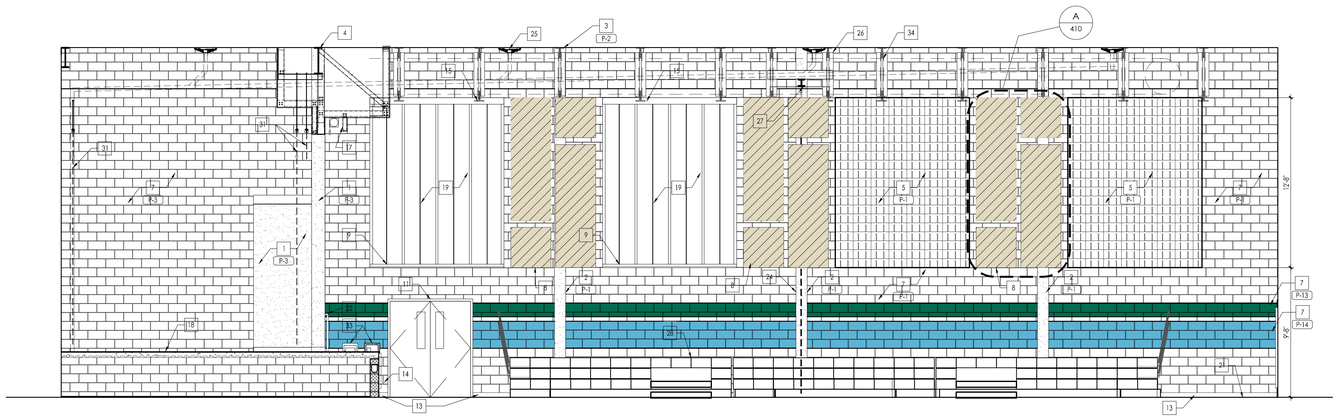
Scale
AS NOTED

Drawing Name
ENLARGED PLANS & INTERIOR ELEVATIONS - MULTI-PURPOSE ROOM

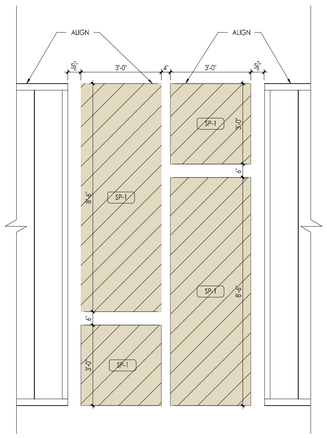
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

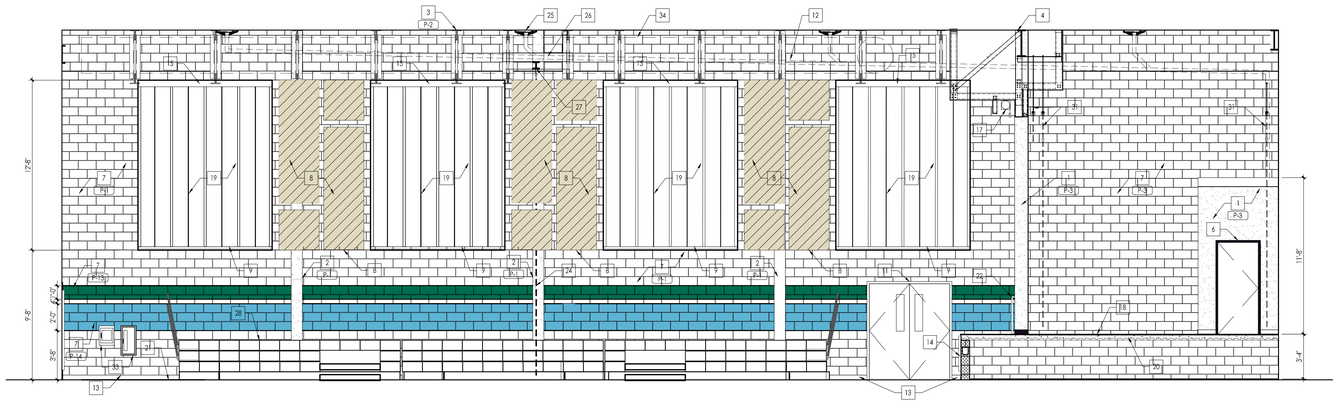
Drawing Number
A409



4 MULTI-PURPOSE ROOM / GYM ELEVATION
1/4" = 1'-0"



A SOUND PANELS
1/2" = 1'-0"



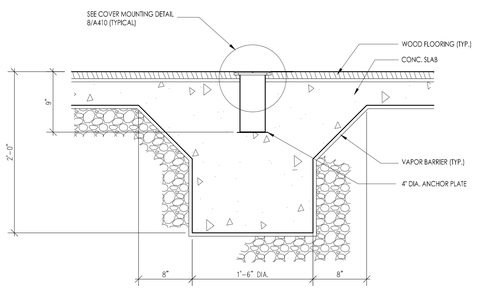
5 MULTI-PURPOSE ROOM / GYM ELEVATION
1/4" = 1'-0"

KEY NOTE LEGEND

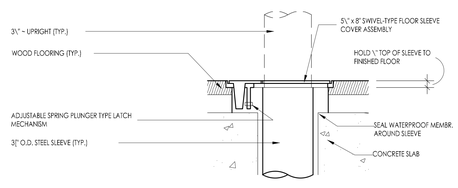
1	5/8" GYP BOARD PAINTED. REF A700 FOR FINISHES
2	EXPOSED STEEL COLUMN PAINTED
3	STEEL LONG SPAN JOIST PAINTED. REF STRUCTURE
4	METAL STUD FRAMING. REF WALL SECTIONS
5	12" CMU SOUND BLOCK PAINTED. STACK BOND. REF STRUCTURE FOR VERTICAL AND HORIZONTAL REINFORCEMENT
6	WOOD DOOR AND HOLLOW METAL FRAME. REF DOOR SCHEDULE
7	EXPOSED CMU PAINTED. RUNNING BOND. REF STRUCTURE FOR VERTICAL AND HORIZONTAL REINFORCEMENT
8	ACOUSTICAL SOUND PANELS. REFER TO FINISH LEGEND ON A601 AND SPECIFICATIONS FOR DETAILS.
9	SOLID SURFACE SILL. REF A300 DRAWINGS FOR DETAILS.
10	NOT USED
11	FRP DOOR IN ALUMINUM FRAME. REF A600 SERIES DRAWING AND SPECIFICATIONS FOR DETAILS.
12	RAINWATER CONDUCTOR ABOVE BOTTOM JOIST CHORD. REF PLUMBING
13	4" RUBBER BASE. REF A604
14	GYM WALL PADS. REF SPECS
15	MOTORIZED BLACKOUT ROLLER SHADES. REF FINISH LEGEND AND SPECIFICATIONS.
16	CLOCK/SPEAKER BOX WITH CAGE. REF ELECT. DWGS FOR DETAILS
17	PROJECTOR NOTE
18	WOOD STAGE FLOORING OVER CONCRETE ON METAL DECKING. REF STRUCTURAL FOR FLOOR DETAILS. REF FINISH LEGEND AND SPECIFICATIONS FOR WOOD FLOOR DETAILS.
19	TRANSLUCENT FIBERGLASS INSULATION PANEL SYSTEM. REF A600 SERIES DRAWING FOR DETAILS.
20	NOT USED
21	GYM FLOOR OVER 4" RECESSED CONCRETE SLAB ON POROUS FILL. REF A300 SERIES DRAWINGS FOR DETAILS.
22	ALUMINUM HANDRAILS. REF 7 AND 8 A505
23	STAIRS WITH RUBBER TREADS. REFER A700 SERIES FOR FINISHES. REF 7 AND 8 A505 FOR STAGE STAIRS SECTIONS AND DETAILS
24	ROLL-UP DIVIDER CURTAIN. REF SPECIFICATIONS
25	ROOF DRAIN AND OVERFLOW. REF ROOF PLAN
26	STEEL ANGLE FRAMING. REF S-DWGS
27	STEEL BEAM. REF STRUCTURE
28	RETRACEABLE BLEACHER SYSTEM. REFERENCE SPECIFICATIONS
29	UNDER STAGE STORAGE COMPARTMENT WOOD DOORS & FRAMES W/ WALL PADS INSTALLED ON DOOR. REF DOOR SCHEDULE & A603
30	NOT USED
31	STAGE CURTAIN AND VALANCE. REF SPECIFICATIONS
32	WHEELCHAIR LIFT BEYOND WITH GATE. REFERENCE SPECIFICATIONS
33	FIRE EXTINGUISHER CABINET & AED CABINET. REF G/G03
34	RECESSED FIRE HOSE CABINET. REF PLUMBING DWGS FOR DETAILS

LOGO SCHEDULE - PAINTED

COLOR	DESCRIPTION	MANUFACTURER	CAT. NO.	FINISH
1	HOPSACK	SHERWIN WILLIAMS	SE109	
2	LATTE	SHERWIN WILLIAMS	SW6108	
3	ELECTRIC LIME	SHERWIN WILLIAMS	SE921	
4	INDIGO BATIK	SHERWIN WILLIAMS	SW7602	
5	UMBER RUST	SHERWIN WILLIAMS	SW9100	
6	FOUNTAIN	SHERWIN WILLIAMS	SW6787	
7	TRICORN BLACK	SHERWIN WILLIAMS	SW6258	

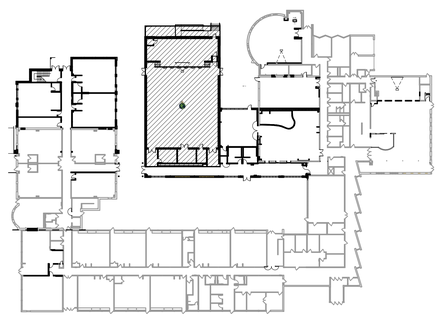


6 DETAIL
1 1/2" = 1'-0"



7 DETAIL
1 1/2" = 1'-0"

8 LOGO DETAIL
1/2" = 1'-0"



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - #AD125209
GEORGE R. DUTHIE JR., AIA, PP
NJ - #21A01201700
JASON J. LOMBOWITCH, AIA
NJ - #21A01791700 | PA - #RA406909
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - # AR0203100 | PA - #RA414585
10/10/25
Date
Architect
FVHD Architects Planners
Frayiak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road
Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue
Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

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Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
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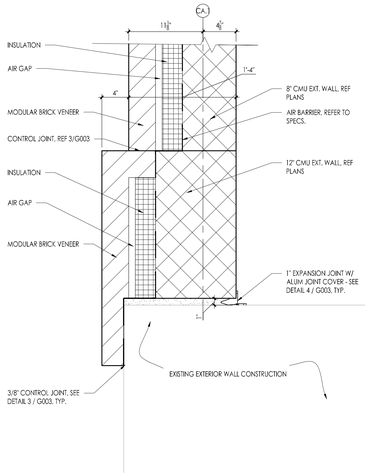
Project Date
10.10.2025
Checked By
GRD
Drawn By
BMP
Scale
AS NOTED

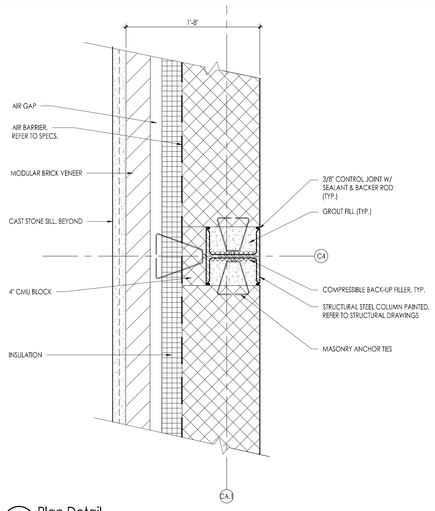
Drawing Name
INTERIOR ELEVATIONS & DETAILS - MULTI-PURPOSE ROOM

Revisions		
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A410



1 Plan Detail
1 1/2"=1'-0"



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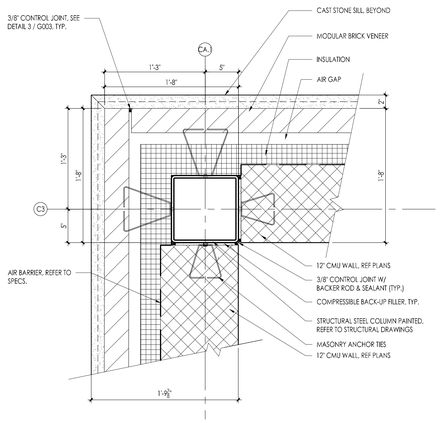

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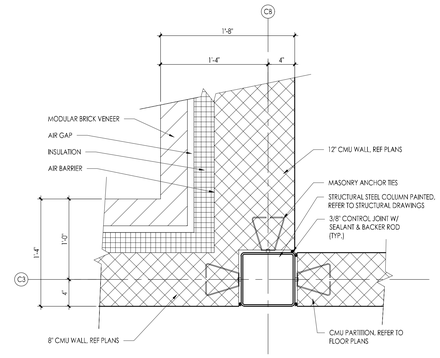

4 Plan Detail
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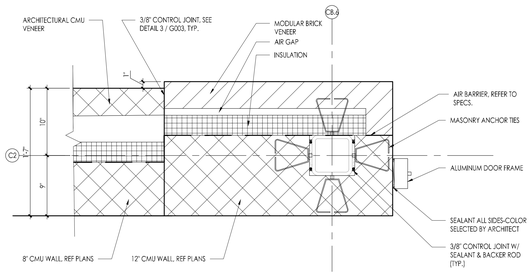
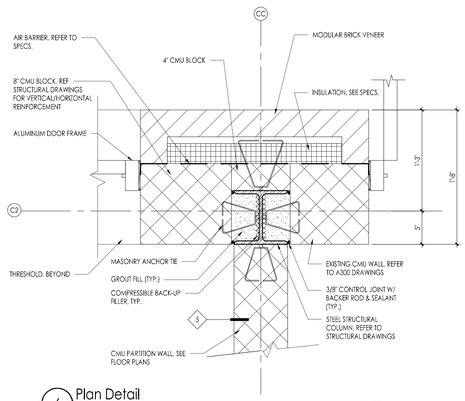
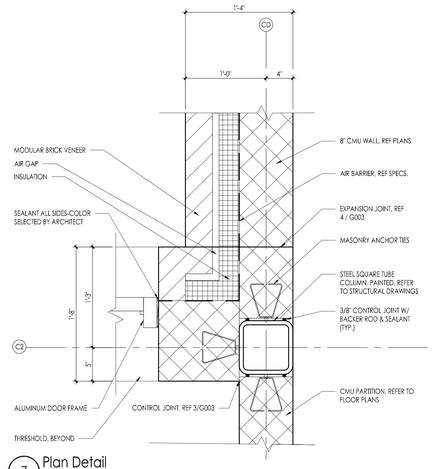


5 Plan Detail
1 1/2"=1'-0"



6 Plan Detail
1 1/2"=1'-0"



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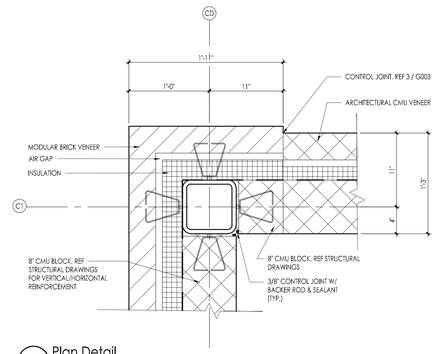
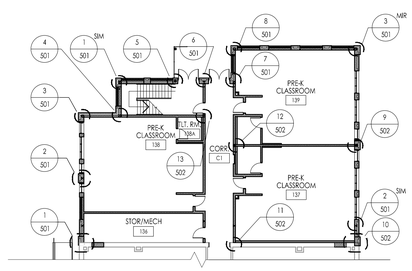
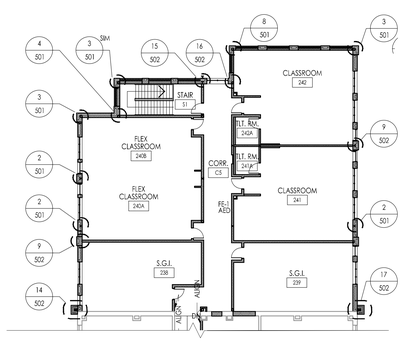


8 Plan Detail
1 1/2"=1'-0"



1 AREA OF WORK 'C1' - FIRST FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'C2' - SECOND FLOOR
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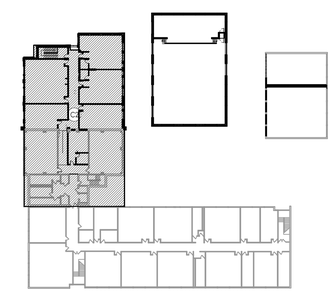
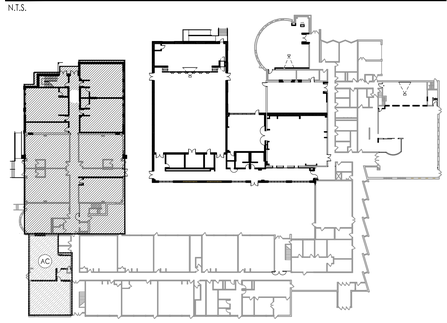


SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01710600 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01237100
JASON J. LUBOWITCH, AIA
NJ - 21AI01775000 | PA - RA426000
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00351100 | PA - RA414363
10/10/25
Date
Architect
FVHD Fellheimer & Eberstein Frayjak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

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Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

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BMP

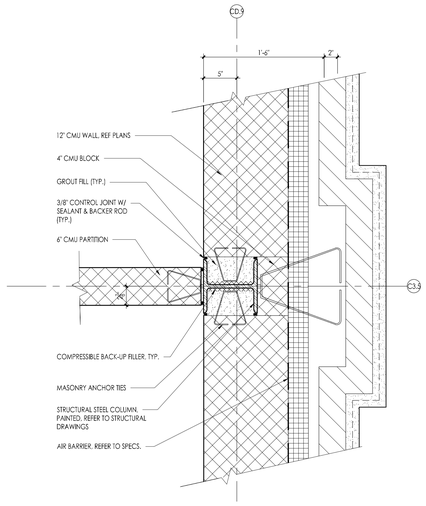
Scale
As Noted

Drawing Name
Plan Details

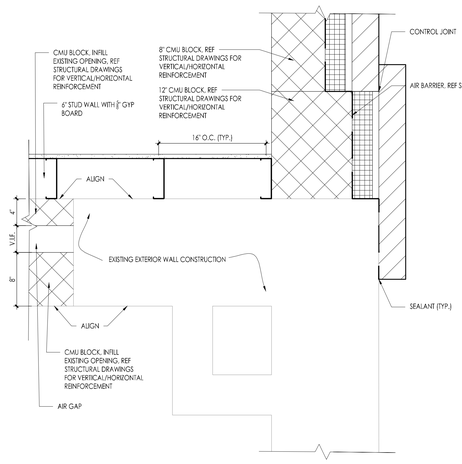
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A501



9 Plan Detail
1 1/2"=1'-0"



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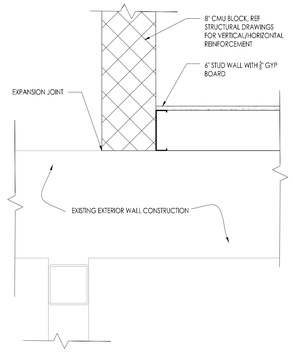

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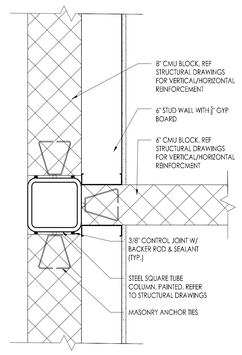

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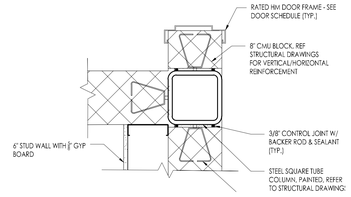

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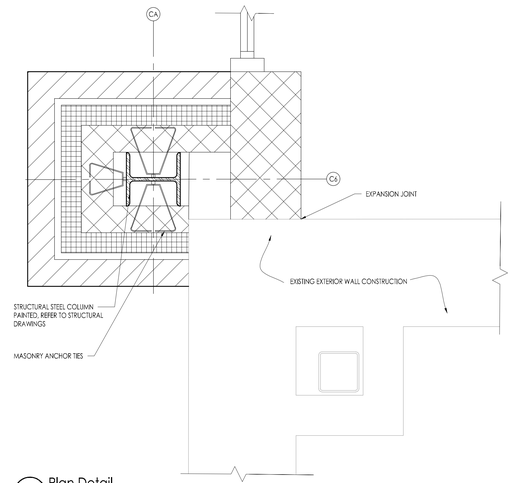

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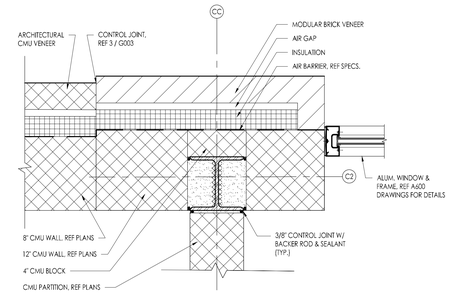

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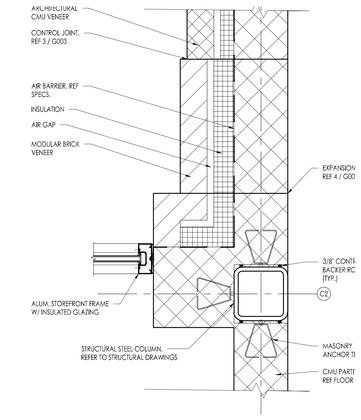

16 Plan Detail
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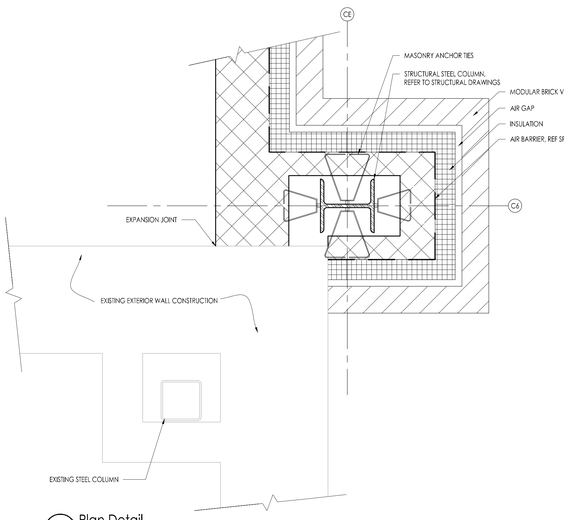

17 Plan Detail
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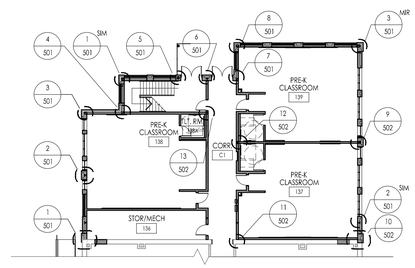
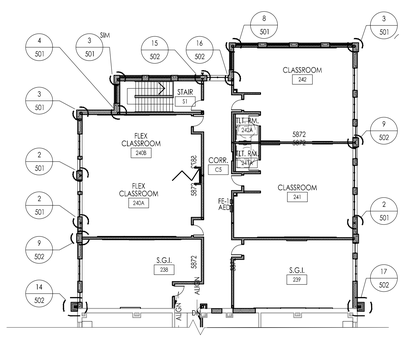
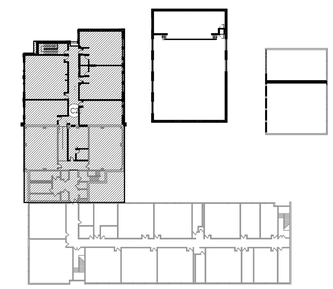


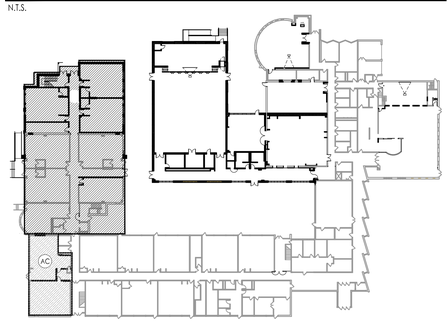
1 AREA OF WORK 'C1' - FIRST FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'C2' - SECOND FLOOR
1/8" = 1'-0"



SECOND FLOOR - KEY PLAN
N.T.S.



BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION

FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01700600 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00127700
JASON J. DEMBOWITCH, AIA
NJ - 21AI00775000 | PA - RA426001
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
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Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

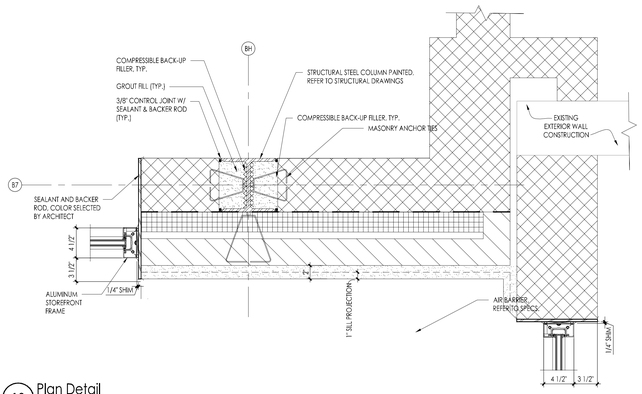
Project Number	5516C
Project Date	10.10.2025
Checked By	GRD
Drawn By	BMP
Scale	As Noted

Drawing Name
Plan Details

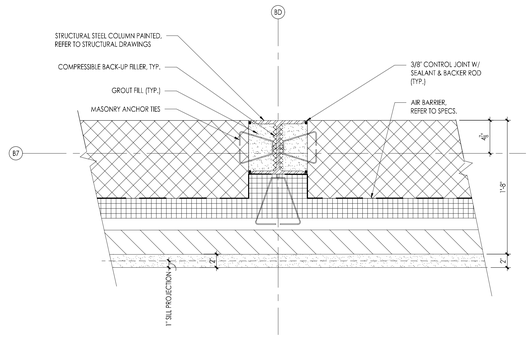
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A502



18 Plan Detail
1 1/2"=1'-0"



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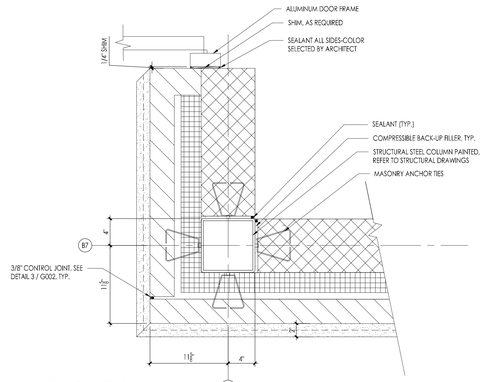

20 Plan Detail
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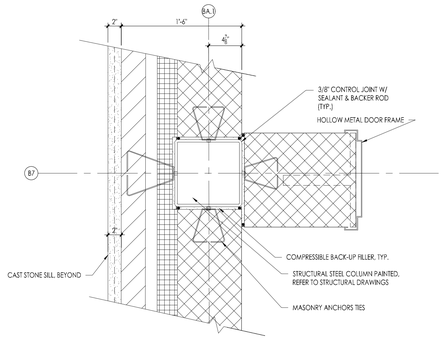

21 Plan Detail
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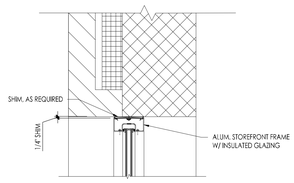

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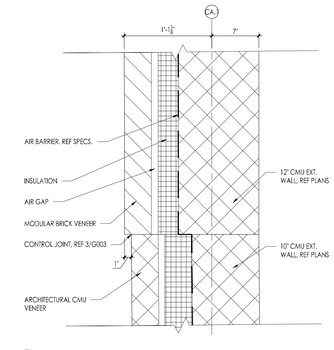

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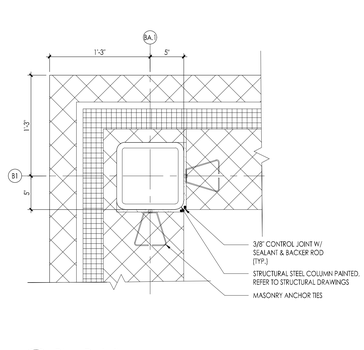

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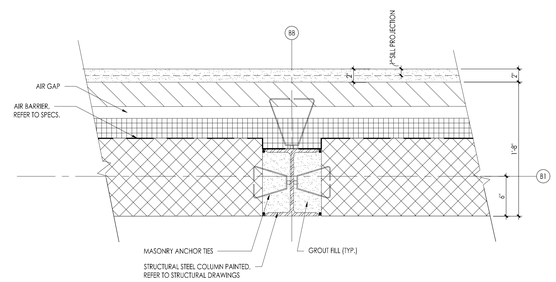

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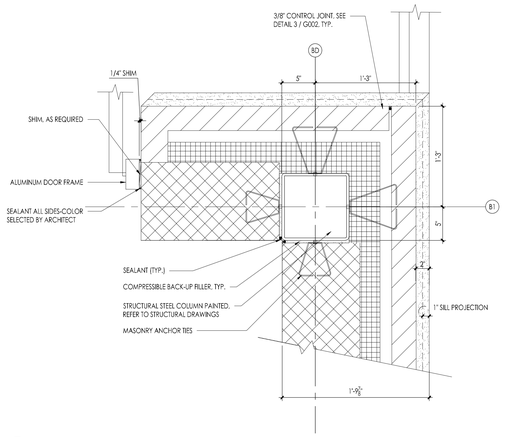

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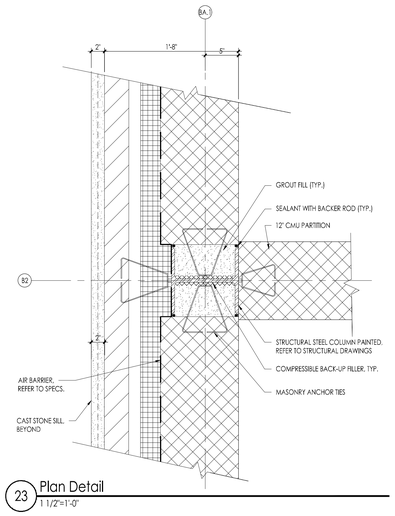

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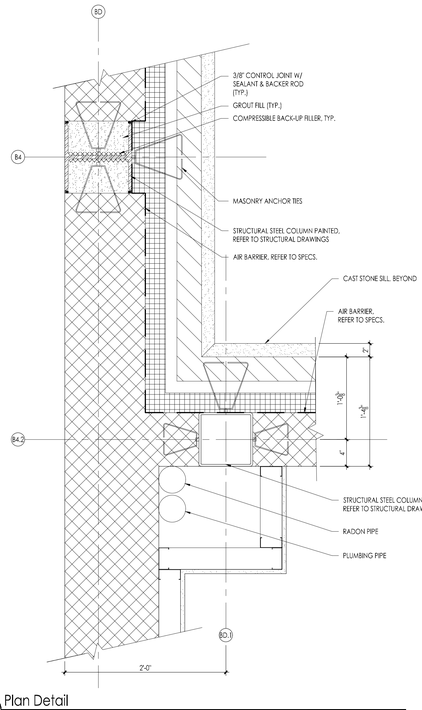

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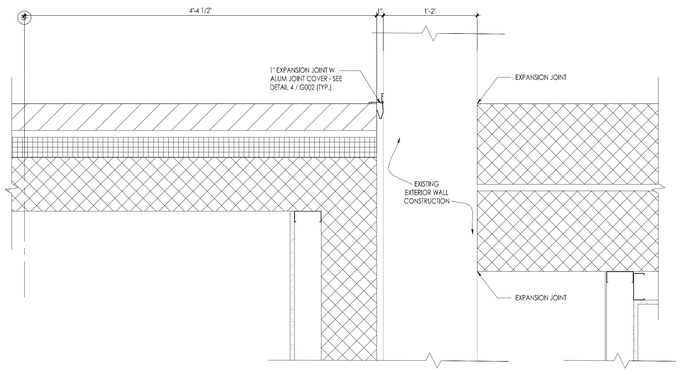

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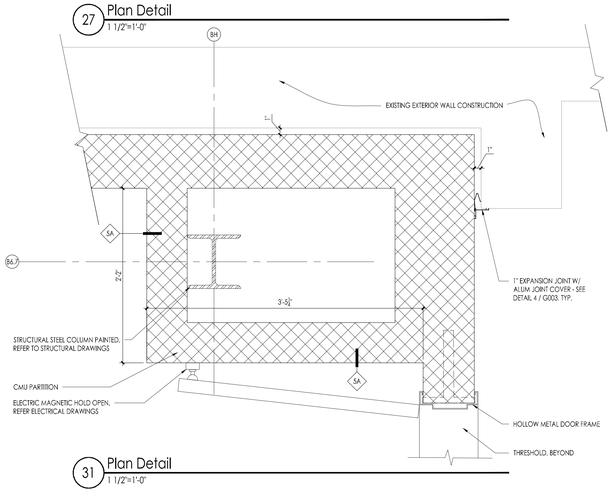

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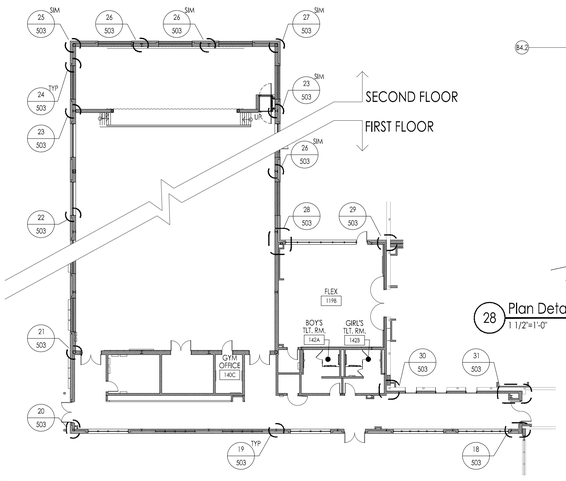
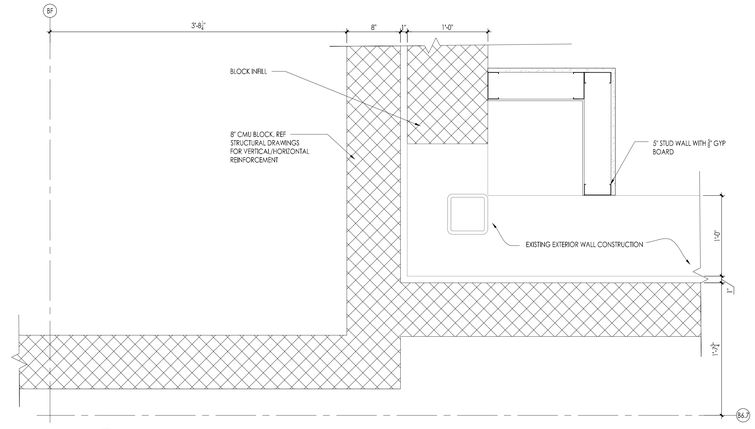
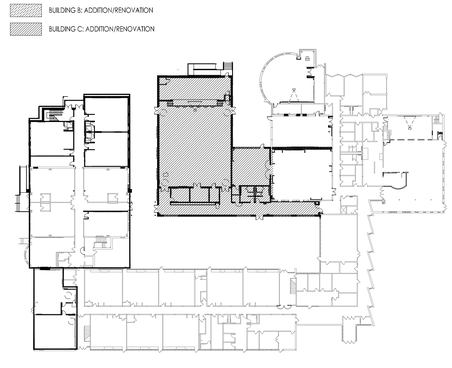


1 AREA OF WORK 'B1' - FIRST FLOOR & 'B2' - SECOND FLOOR
1/8" = 1'-0"



30 Plan Detail
1 1/2"=1'-0"



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI01277100
JASON J. LUBOWITCH, AIA
NJ - 21AI01797600 | PA - RA416000
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI02033100 | PA - RA414300
10/10/25
Date
Architect
FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

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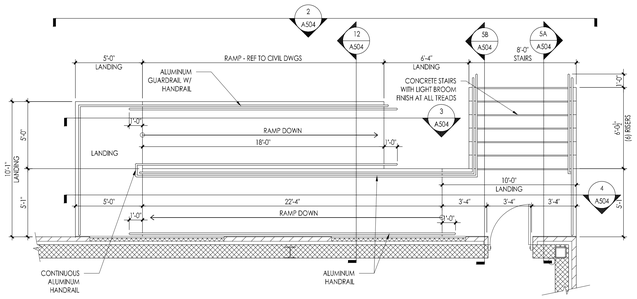
Plan Details

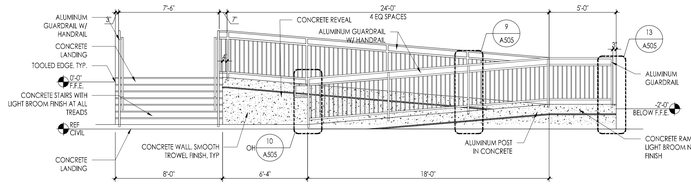
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

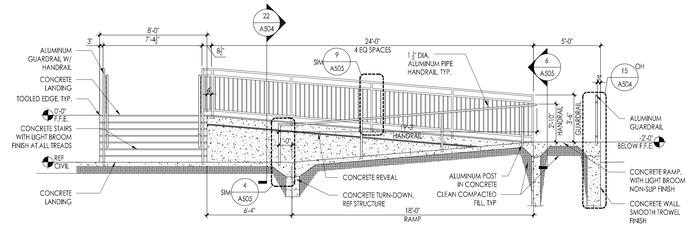
Drawing Number
A503



1 STAGE STAIRS AND RAMP PLAN
Scale : 1/4" = 1' - 0"



2 STAGE STAIRS AND RAMP ELEVATIONS
Scale : 1/4" = 1' - 0"



3 STAGE RAMP SECTION
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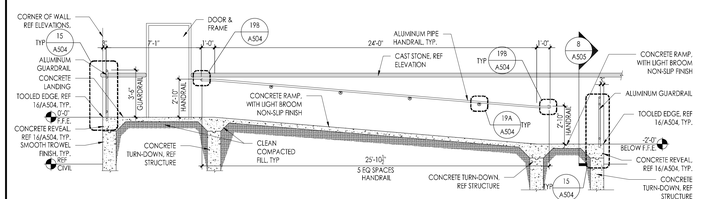

4 STAGE STAIR AND RAMP SECTION
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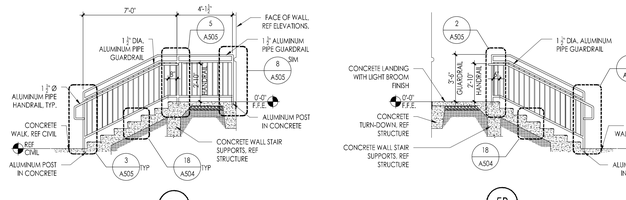
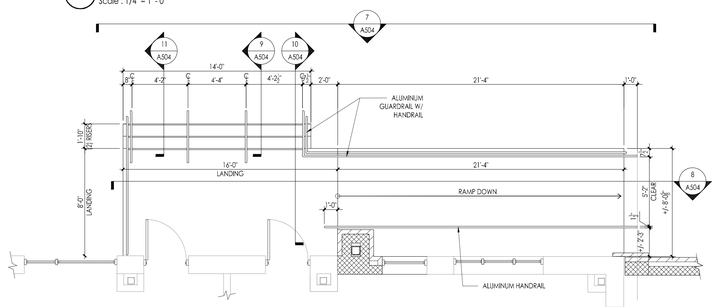


5 STAGE STAIR SECTIONS
Scale : 1/4" = 1' - 0"



6 CLASSROOM STAIRS AND RAMP ELEVATION
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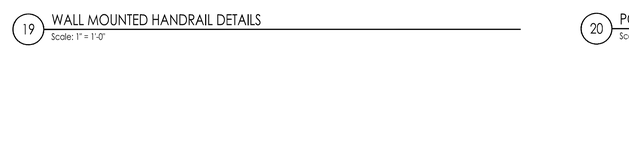
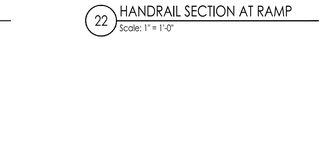


7 CLASSROOM STAIRS AND RAMP ELEVATION
Scale : 1/4" = 1' - 0"

8 CLASSROOM STAIRS AND RAMP SECTION
Scale : 1/4" = 1' - 0"



9 CLASSROOM STAIRS SECTION
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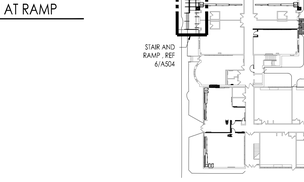
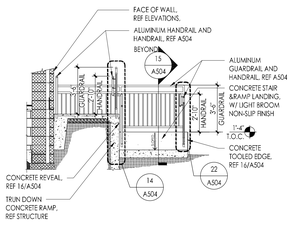
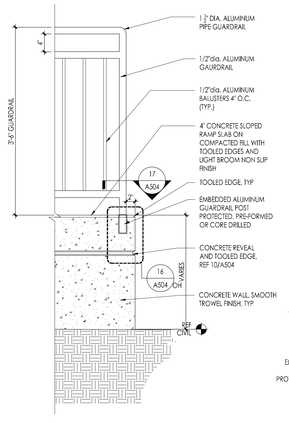


10 CLASSROOM STAIRS LANDING SECTION
Scale : 1/4" = 1' - 0"

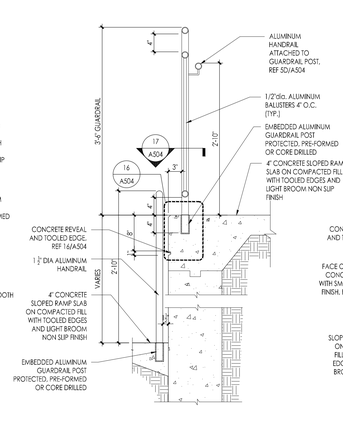
11 CLASSROOM STAIRS LANDING SECTION
Scale : 1/4" = 1' - 0"



12 RAMP SECTION AT STAGE EXTERIOR
Scale : 0" = 0' - 0"



13 GUARDRAIL SECTION
Scale: 1" = 1'-0"



14 GUARDRAIL SECTION
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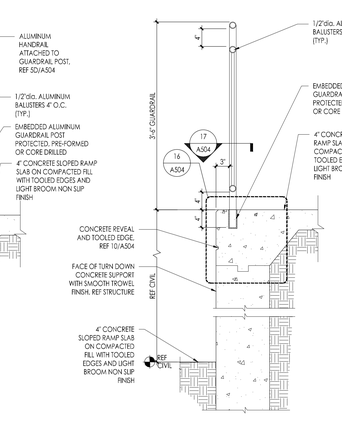

15 GUARDRAIL SECTION
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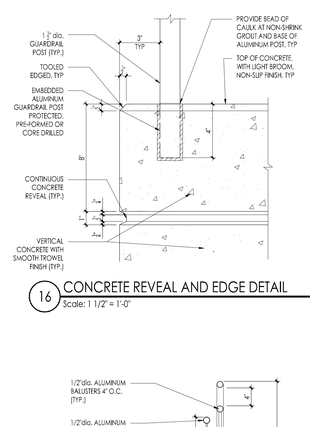

16 CONCRETE REVEAL AND EDGE DETAIL
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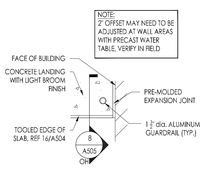

17 ALUMINUM GUARDRAIL POST
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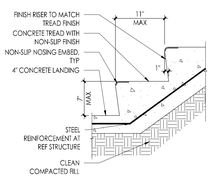

18 CONC RISER AND TREAD DETAIL
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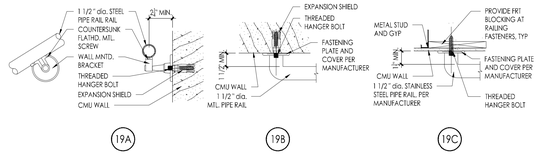
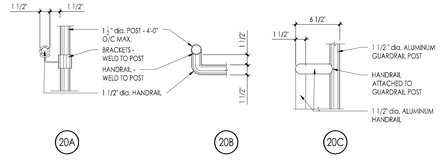


19A 19B 19C

19 WALL MOUNTED HANDRAIL DETAILS
Scale: 1" = 1'-0"



20A 20B 20C

20 POST MOUNTED HANDRAIL DETAILS
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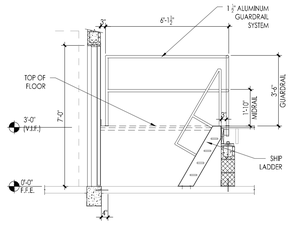

21 GUARDRAIL (IDF)
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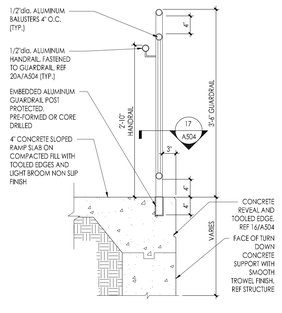
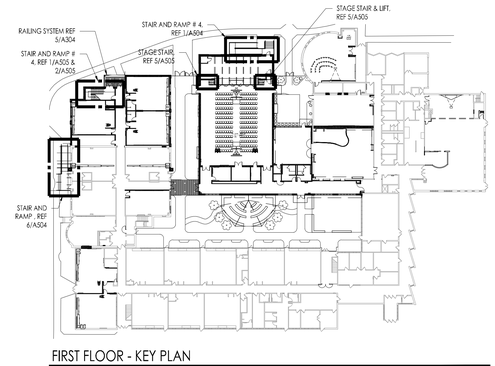


22 HANDRAIL SECTION AT RAMP
Scale: 1" = 1'-0"



FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01710600 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00127100
PA - RA-PA005810
JACQUELINE LUBOMYTICH, AIA, LEED AP
NJ - 21AI00975600
PA - RA424305
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00351100 | PA - RA414305

10/10/25
Date

Architect

FVHDP.COM
Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453

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GRD

Drawn By
SJK

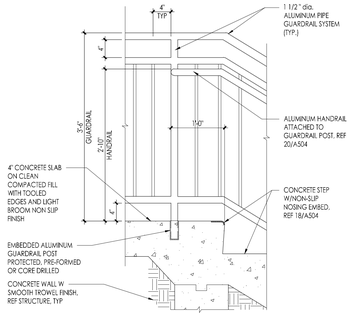
Scale
As Noted

Drawing Name
EXTERIOR STAIR & RAMP DETAILS

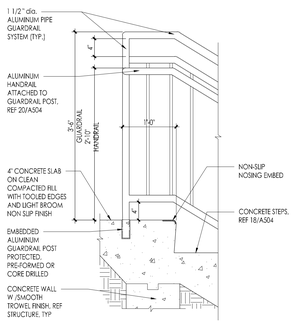
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

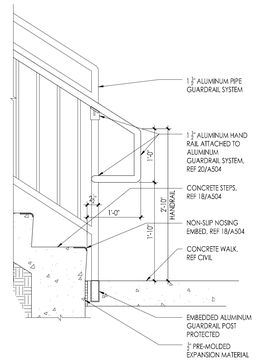
Drawing Number
A504



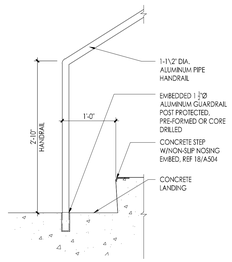
1 STAIR GUARDRAIL/HANDRAIL DETAIL
Scale: 1" = 1'-0"



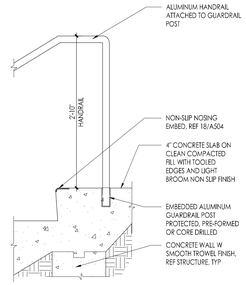
2 STAIR GUARDRAIL/HANDRAIL DETAIL
Scale: 1" = 1'-0"



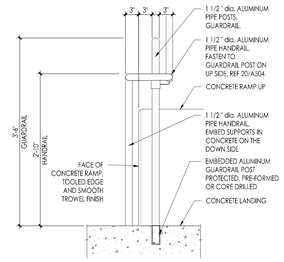
3 STAIR HANDRAIL DETAIL
Scale: 1" = 1'-0"



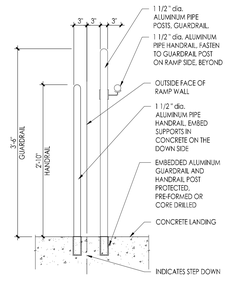
4 HANDRAIL POST DETAIL
Scale: 1" = 1'-0"



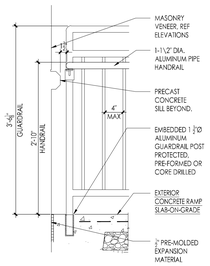
5 HANDRAIL POST DETAIL
Scale: 1" = 1'-0"



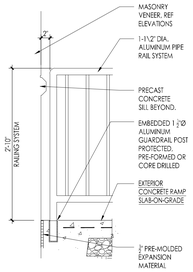
6 CONTINUOUS HANDRAIL
Scale: 1" = 1'-0"



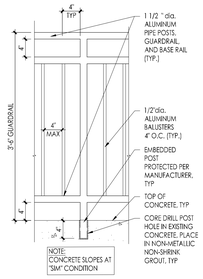
7 CONTINUOUS HANDRAIL
Scale: 1" = 1'-0"



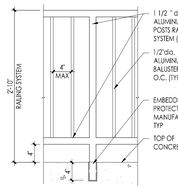
8 RAMP HANDRAIL DETAIL
Scale: 1" = 1'-0"



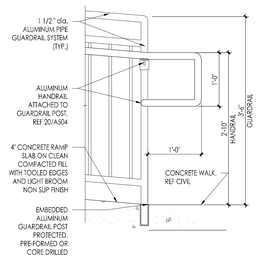
8B RAILINGL DETAIL
Scale: 1" = 1'-0"



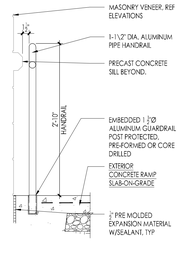
9 GUARDRAIL ELEVATION
Scale: 1" = 1'-0"



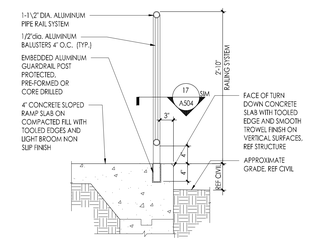
9B RAILING ELEVATION
Scale: 1" = 1'-0"



10 RAMP HANDRAIL DETAIL
Scale: 1" = 1'-0"



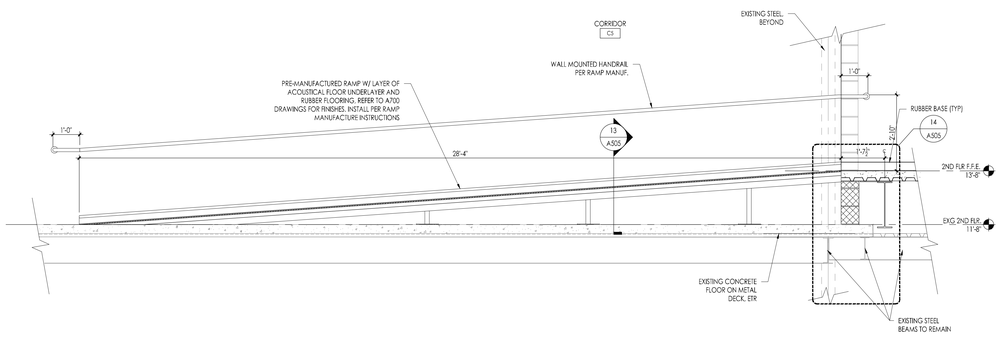
11 INNER POST DETAIL
Scale: 1" = 1'-0"



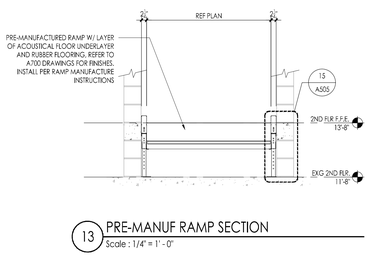
11B RAILINGL DETAIL
Scale: 1" = 1'-0"

EXTERIOR GUARDRAILS AND RAILINGS

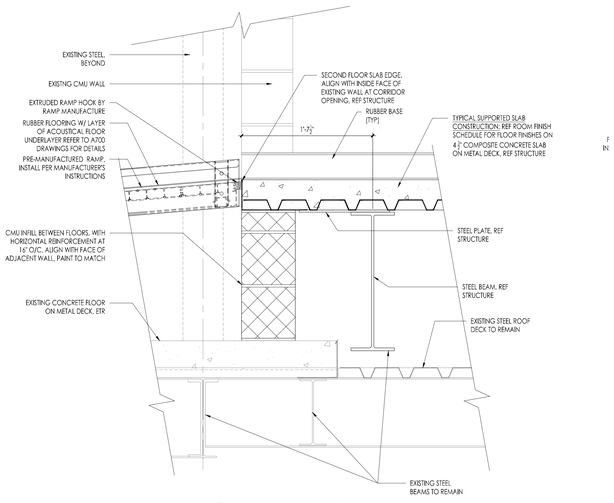
AS NOTED



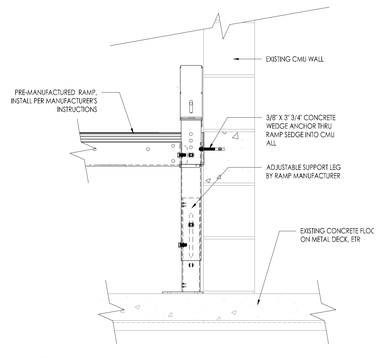
12 PRE-MANUFACTURED RAMP SECTION
Scale : 1/4" = 1' - 0"



13 PRE-MANUF RAMP SECTION
Scale : 1/4" = 1' - 0"



14 BEAM POCKET DETAIL
Scale: 1 1/2" = 1'-0"



15 BEAM POCKET DETAIL
Scale: 1 1/2" = 1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01710600 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00137100
JASON J. LUBOWITCH, AIA
NJ #21AI00975300 PA #RA406501
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ #21AI00031100 | PA #RA414565
10/10/25
Date
Architect

FVHD Architects
Frayjak Velez Hopkins Duthie P.C.
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
SJK

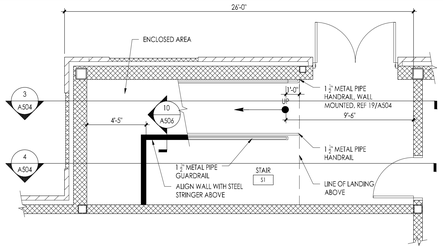
Scale
As Noted

Drawing Name
STAIR & RAMP DETAILS

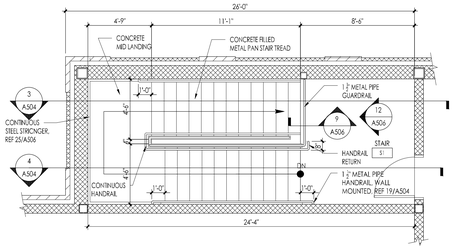
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

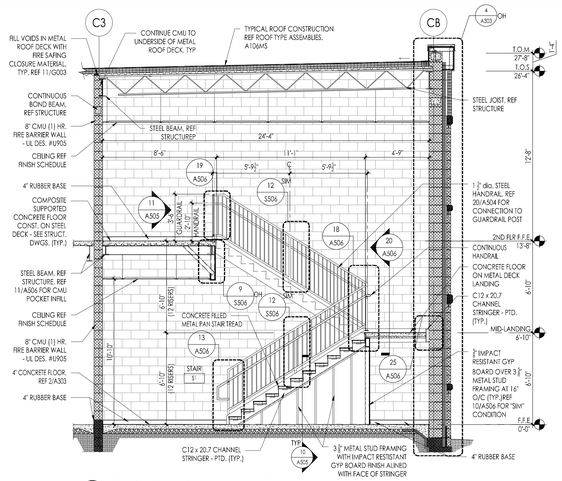
Drawing Number
A505



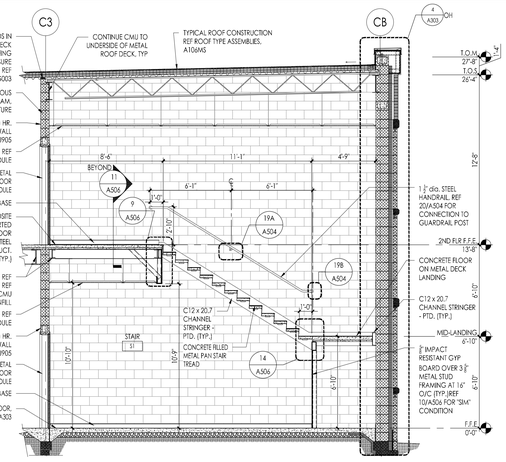
1 STAGE STAIRS AND RAMP PLAN
Scale : 1/4" = 1' - 0"



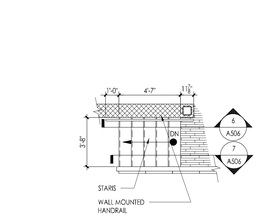
2 STAGE STAIRS AND RAMP PLAN
Scale : 1/4" = 1' - 0"



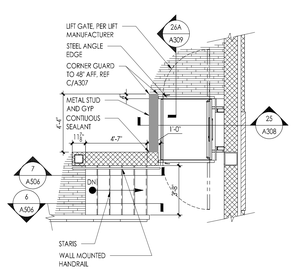
3 STAGE STAIRS AND RAMP PLAN
Scale : 1/4" = 1' - 0"



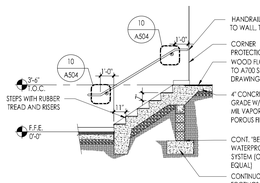
4 STAGE STAIRS AND RAMP PLAN
Scale : 1/4" = 1' - 0"



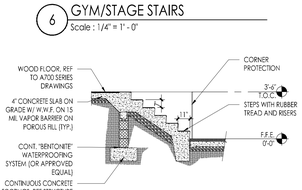
5 GYM/STAGE STAIRS
Scale : 1/4" = 1' - 0"



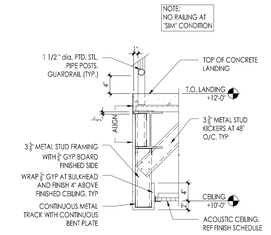
6 GYM/STAGE STAIRS
Scale : 1/4" = 1' - 0"



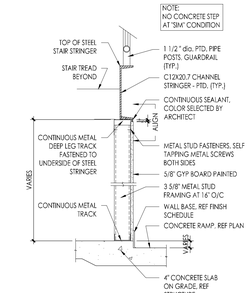
7 GYM/STAGE STAIRS
Scale : 1/4" = 1' - 0"



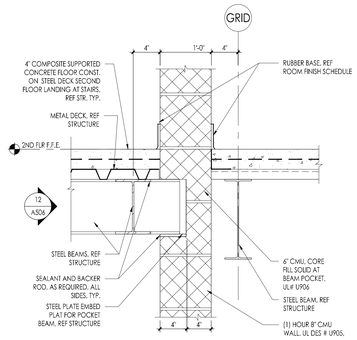
8 GYM/STAGE STAIRS
Scale : 1/4" = 1' - 0"



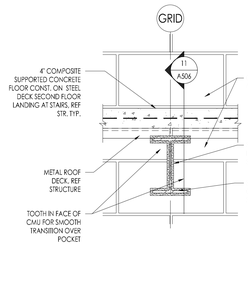
9 TREAD / RISER CONSTRUCTION
Scale: 1" = 1'-0"



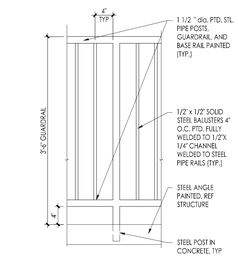
10 TREAD / RISER CONSTRUCTION
Scale: 1" = 1'-0"



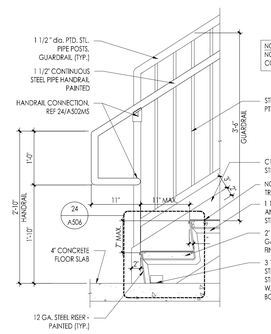
11 BEAM POCKET DETAIL
Scale: 1 1/2" = 1'-0"



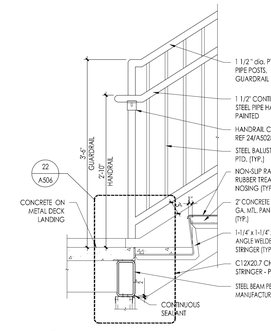
12 BEAM POCKET CLOSURE DETAIL
Scale: 1 1/2" = 1'-0"



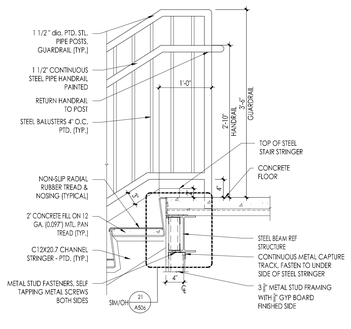
12 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



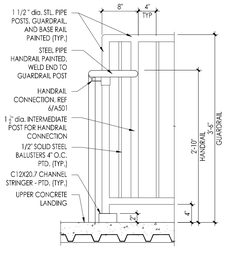
13 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



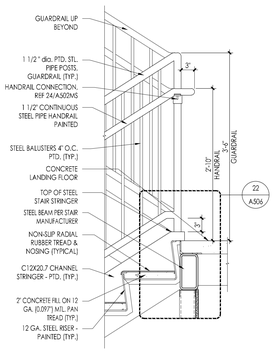
14 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



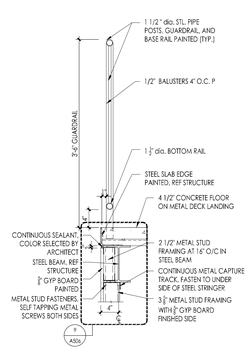
15 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



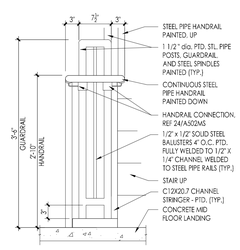
16 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



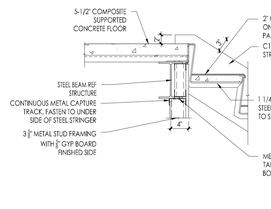
18 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



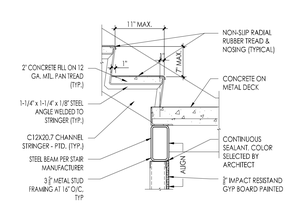
19 GUARDRAIL DETAIL
Scale: 1" = 1'-0"



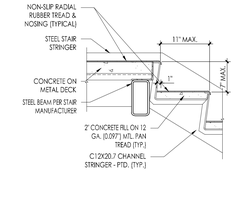
20 HANDRAIL DETAIL
Scale: 1" = 1'-0"



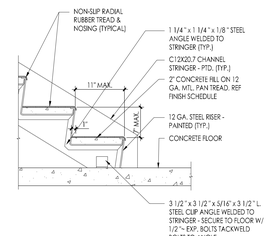
21 TREAD / RISER CONSTRUCTION
Scale: 1" = 1'-0"



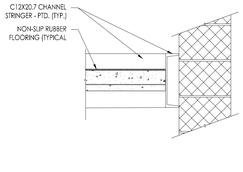
STANDARD BOTTOM CONNECTION TO STEEL LANDING
Scale: 1" = 1'-0"



23 TREAD / RISER CONSTRUCTION
Scale: 1" = 1'-0"



24 TREAD / RISER CONSTRUCTION
Scale: 1" = 1'-0"



25 TREAD / RISER CONSTRUCTION
Scale: 1" = 1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706001 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00775100 | PA - RA406001
JASON J. GRUSHKOWITCH, AIA
NJ - 21AI00775100 | PA - RA414580
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00331001 | PA - RA414583
10/10/25
Date
Architect
FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
SJK

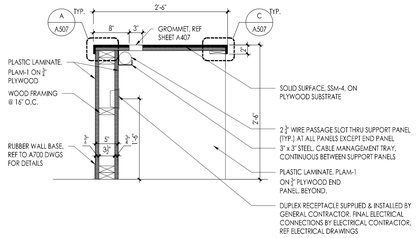
Scale
As Noted

Drawing Name
INTERIOR STAIR & RAMP DETAILS

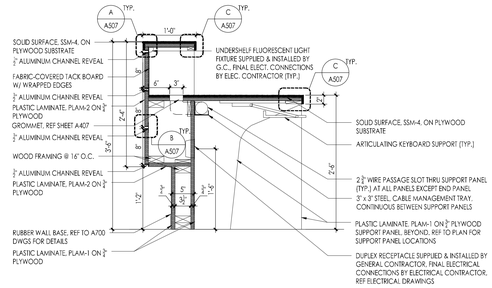
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

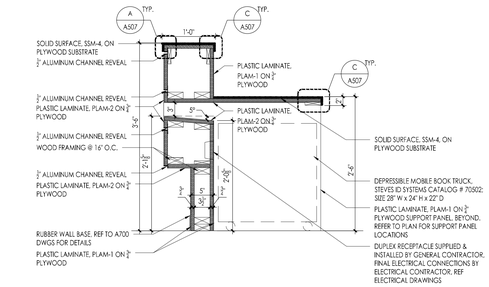
Drawing Number
A506



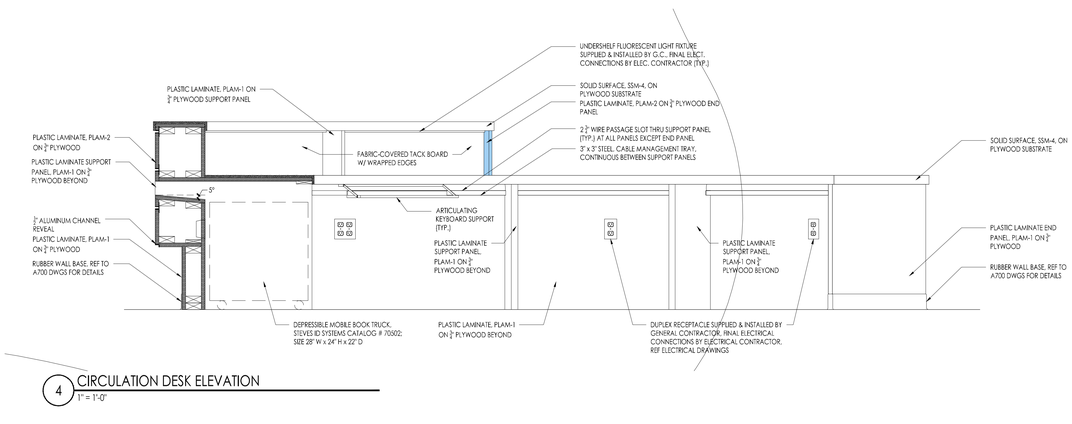
1 CIRCULATION DESK DETAIL
1" = 1'-0"



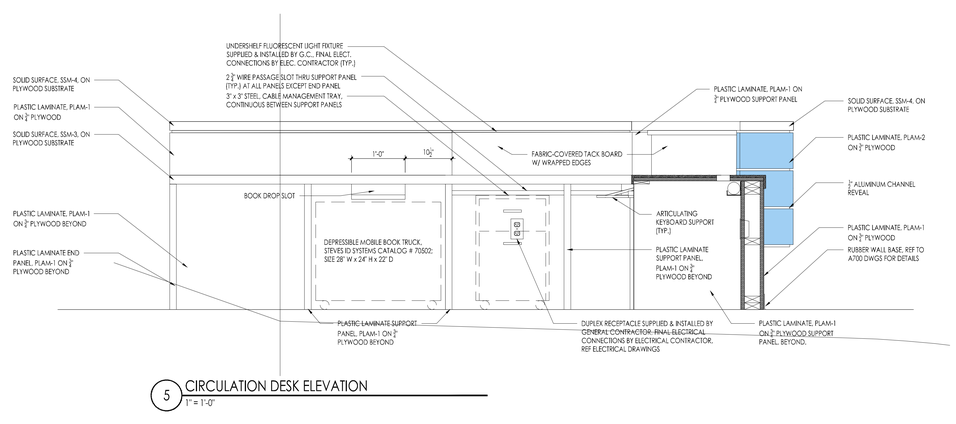
2 CIRCULATION DESK DETAIL
1" = 1'-0"



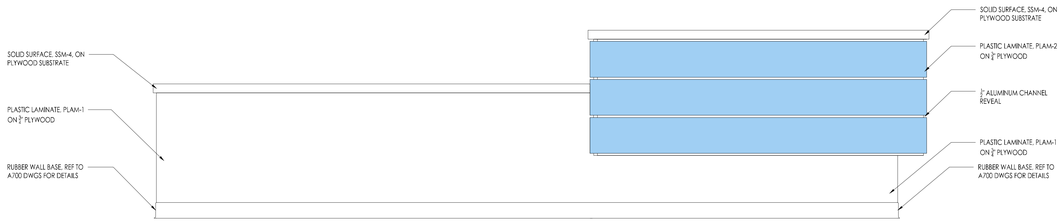
3 CIRCULATION DESK DETAIL AT BOOK DROP
1" = 1'-0"



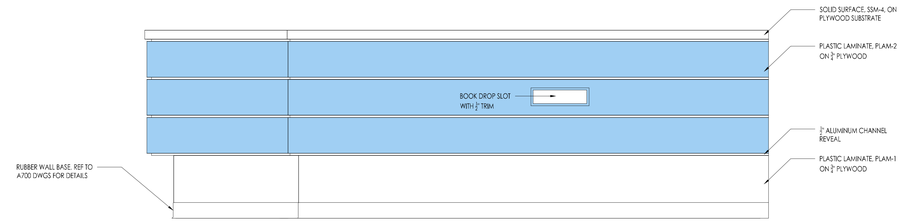
4 CIRCULATION DESK ELEVATION
1" = 1'-0"



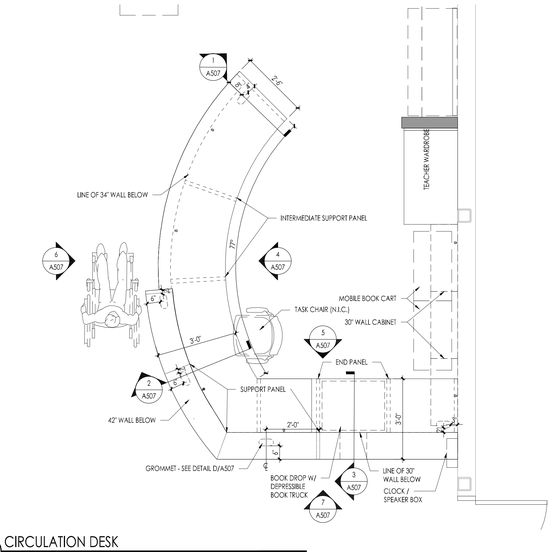
5 CIRCULATION DESK ELEVATION
1" = 1'-0"



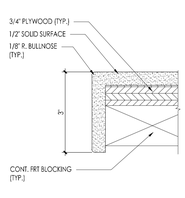
6 CIRCULATION DESK ELEVATION
1" = 1'-0"



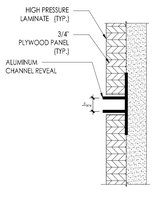
7 CIRCULATION DESK ELEVATION
1" = 1'-0"



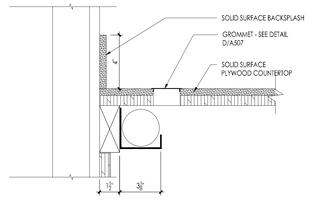
8 CIRCULATION DESK
1/2" = 1'-0"



A Edge Detail
Scale: 6"=1'-0"



B Reveal Detail
Scale: 6"=1'-0"



C Wire Management Detail
SCALE:3"=1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00277100
JASON J. DUBOWITCH, AIA
NJ - 21AI00277000 PA - RA406200
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI00331100 | PA - RA414587
FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

10/10/25
Date
Architect

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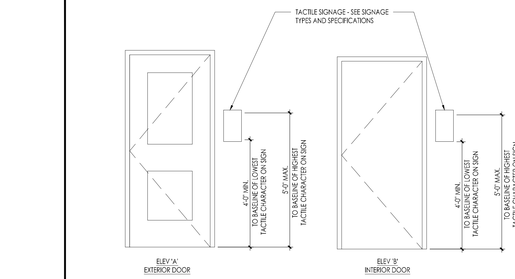
Drawn By
SJK
Scale
As Noted

Drawing Name
CIRCULATION DESK DETAILS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

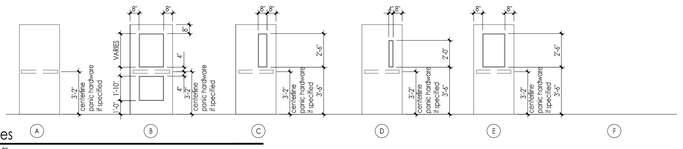
Drawing Number
A507



SIGNAGE LOCATIONS:
SINGLE LEAF DOORS - LATCH SIDE
DOUBLE LEAF DOORS - TO THE RIGHT SIDE OF RIGHT LEAF
WHERE NO SPACE IS AVAILABLE - NEAREST ADJACENT WALL

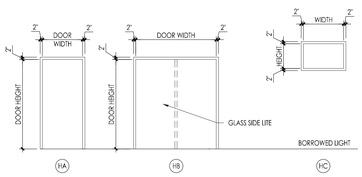
Signage Location Details

Scale: 1/2" = 1'-0"



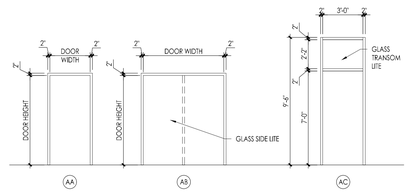
Door Types

Scale: 1/4" = 1'-0"



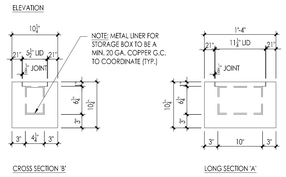
HM Frame Types

Scale: 1/4" = 1'-0"



AL Frame Types

Scale: 1/4" = 1'-0"



1 DATE STONE DETAIL

1" = 1'-0"

DOOR AND FRAME SCHEDULE

DR NO	DOOR LOCATION	DOOR SIZE	DOOR TYPE	DOOR MATL	DOOR GLAZING	FRAME TYPE	FRAME MATL	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SADDLE	HARDWARE	RATING
102A	MUSIC STOR. 120A	3'-0" x 7'-0"	A	WD	--	HA	HM	--	--	--	STO-D1.1	--
110	CLASSROOM 110	3'-0" x 7'-8"	C	WD	FRIG-1	HA	HM	H1	J1	S1	CRS-02	20
111-1	CLASSROOM 111	3'-0" x 7'-8"	C	WD	FRIG-1	HA	HM	H1	J1	S1	CRS-02	20
111-2	CLASSROOM 111	2'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	STO-D1	--
119A	CORR. 1082	2 @ 2'-8" x 6'-10"	C	WD	FRIG-1	ETR	ETR	--	--	--	EXD-2F.1	20
119A-1	MEDIA CENTER 119A	3'-0" x 1'-10"	--	--	FRIG-1	HC	HM	38/A311	--	38/A311	--	90
119A-2	MEDIA CENTER 119A	3'-0" x 1'-10"	--	--	FRIG-1	HC	HM	38/A311	--	38/A311	--	90
119A-3	MEDIA CENTER 119A	3'-0" x 1'-10"	--	--	FRIG-1	HC	HM	38/A311	--	38/A311	--	90
119B-1	FLEX 119B	2 @ 4'-0" x 6'-10"	C	WD	FRIG-1	HB	HM	35/A311	--	S3	EXD-2G	90
119B-2	FLEX 119B	3'-0" x 7'-0"	E	FRP	TPG-F	AC	AL	--	--	--	EXD-EXT-1B	--
119C	STOR. 119C	3'-0" x 7'-0"	C	WD	TPG-F	HA	--	H1	J1	S1	STO-D1.1	--
120-1	VOCAL MUSIC 120	2 @ 3'-0" x 7'-0"	A	WD	FRIG-1	HA	HM	40/A312	J6	S1	EXD-2F.1	20
120-2	VOCAL MUSIC 120	3'-0" x 7'-8"	A	FRP	INSUL-F	AA	AL	H5	--	--	EXD-EXT-1F	--
121	BAND 121	2 @ 3'-0" x 7'-0"	C	WD	--	HA	HM	H1	J1	S1	EXD-2F.1	20
121A	INSTRUMENT STORAGE 121A	3'-0" x 7'-0"	A	WD	FRIG-1	HA	HM	H2	J7	S1	STO-D1.1	--
130-1	CAFETERIA 130	3'-0" x 7'-8"	C	WD	FRIG-1	HA	HM	--	--	--	EXD-1E	20
130A	ESP 130A	3'-0" x 7'-8"	A	WD	--	HA	HM	H2	J7	S1	STO-D1.2	--
130B	AV CLOSET 130B	2'-6" x 7'-0"	A	WD	--	HM	HA	H3	J9	S3	STO-D1	--
133	S.G.I. 133	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.1	--
136	STOR/MECH 136	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	STO-D1.1	--
137	PRE-K CLASSROOM 137	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.1	--
137A	TLT. RM. 137A	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRS-04	--
138	PRE-K CLASSROOM 138	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.1	--
138A	TLT. RM. 138A	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRS-04	--
139	PRE-K CLASSROOM 139	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.1	--
139A	TLT. RM. 139A	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRS-04	--
140-1	MPR/ GYM 140	2 @ 3'-0" x 6'-10"	C	WD	TPG-F	HA	HM	28/A309	J9	S2	EXD-2F	--
140-2	MPR/ GYM 140	2 @ 3'-0" x 6'-10"	C	WD	TPG-F	HA	HM	28/A309	J9	S2	EXD-2F	--
140-3	MPR/ GYM 140	2 @ 3'-0" x 6'-10"	D	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2B	--
140-4	MPR/ GYM 140	2 @ 3'-0" x 6'-10"	D	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2B	--
140A	STAGE 140A	3'-0" x 6'-10"	A	FRP	INSUL-F	AA	AL	--	--	--	EXD-EXT-1B	--
140B	STORAGE 140B	2 @ 3'-0" x 6'-10"	A	WD	--	HB	HM	28/A309	J9	S2	STO-D2	--
140C	GYM OFFICE 140C	3'-0" x 6'-10"	C	WD	TPG-F	HA	HM	28/A309	J9	S2	OF-01	--
140D	SPRINKLER CLOSET 140D	3'-0" x 7'-0"	A	WD	--	HA	HM	H3	J1	S1	STO-D1	--
141	MECH. 141	3'-0" x 7'-0"	A	WD	--	HA	HM	--	--	--	STO-D1.2	--
142C	UTILITY/CLOSET 142C	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	STO-D1	--
142M	BOY'S TLT. RM. 142A	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRM-01	--
142W	GIRL'S TLT. RM. 142B	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRM-01	--
235	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.2	--
236	*Space not found**Space not found* *Space not found*	2'-8" x 7'-0"	A	WD	FRIG-1	HA	HM	H1	J1	S1	STO-D1.2	--
236A	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	A	WD	--	HA	HM	H2	J7	S1	STO-D1.2	--
238	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	CRS-02.3	--
239	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.3	--
240A	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.3	--
240B	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.3	--
241	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02	--
241A	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRS-04	--
242	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	C	WD	TPG-F	HA	HM	H1	J1	S1	CRS-02.3	--
242A	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	A	WD	--	HA	HM	H1	J1	S1	TRS-04	--
C1-1	CORR. C1	2 @ 3'-0" x 6'-10"	D	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2G	--
C1000	CORR. 1003	6'-0" x 7'-0"	--	--	--	HB	HM	--	--	--	--	--
C1003-1	CORR C-1003.1	2 @ 3'-0" x 7'-0"	E	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2G-2	--
C2-1	CORR. C2	2 @ 3'-0" x 6'-10"	E	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2G	--
C2-2	CORR. C2	2 @ 3'-0" x 6'-10"	D	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2G	--
C2-3	CORR. C2	2 @ 3'-0" x 6'-10"	D	WD	FRIG-1	HB	HM	39/A311	31/A503 OR J3	39/A311	EXD-2D	90
S-001	STAIR S-001	3'-0" x 7'-0"	--	--	--	--	--	--	--	--	STA-01	45
S-003	STAIR S-003	3'-0" x 7'-0"	--	--	--	--	--	--	--	--	STA-02	45
S1-1	STAIR S1	3'-0" x 7'-0"	D	WD	FRIG-1	HA	HM	H1	J1	S1	EXD-1D	45
S1-2	STAIR S1	2 @ 3'-0" x 6'-10"	D	FRP	TPG-F	AB	AL	--	--	--	EXD-EXT-2F	--
S1-3	*Space not found**Space not found* *Space not found*	3'-0" x 7'-0"	D	WD	FRIG-1	HA	HM	H1	J1	S1	EXD-1D	45
STG-1	MPR/ GYM 140	2 @ 2'-0" x 7'-8"	A	WD	--	HA	HM	D/A307	--	S2	STO-D3	--
STG-2	MPR/ GYM 140	2 @ 2'-0" x 7'-8"	A	WD	--	HA	HM	D/A307	--	S2	STO-D3	--
STG-3	MPR/ GYM 140	2 @ 2'-0" x 7'-8"	A	WD	--	HA	HM	D/A307	--	S2	STO-D3	--
STG-4	MPR/ GYM 140	2 @ 2'-0" x 7'-8"	A	WD	--	HA	HM	D/A307	--	S2	STO-D3	--
STG-5	MPR/ GYM 140	2 @ 2'-0" x 7'-8"	A	WD	--	HA	HM	D/A307	--	S2	STO-D3	--
STG-6	MPR/ GYM 140	2 @ 2'-0" x 7'-8"	A	WD	--	HA	HM	D/A307	--	S2	STO-D3	--

DOOR SCHEDULE NOTES

1. ELECTRO-MAGNETICALLY HELD OPEN - SEE SPECIFICATION AND ELECTRICAL DRAWINGS.
2. PROXIMITY READER BY OWNER'S VENDOR - SEE GENERAL DOOR NOTE 7 AND ELECT. DRAWINGS.
3. ACOUSTICAL DOORS. SEE SPECIFICATION.
4. DOOR RATED FOR STAIR TOWER CONSTRUCTION.
5. EXISTING DOOR & FRAMED REPLACED WITH NEW. VERIFY EXISTING OPENING WIDTH IN FIELD.
6. BORROWED LITE IN HOLLOW METAL FRAME. REFER TO FRAME TYPES FOR DETAILS.
7. UNDERSTAND STAGE STORAGE ACCESS DOORS

GENERAL DOOR NOTES

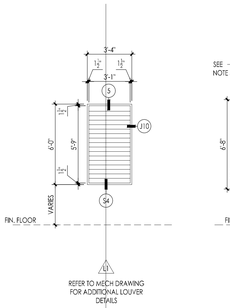
1. ALL DOORS ARE 1 3/4" THICK UNLESS OTHERWISE NOTED.
2. SEE DOOR TYPES, HOLLOW METAL FRAME TYPES AND ALUMINUM FRAME TYPES ON THIS DRAWING.
3. SEE SIGNAGE TYPES AND DETAILS ON THIS DRAWING.
4. SEE HEAD, JAMB, SADDLE AND SILL DETAILS ON DRAWING Axxx.
5. SEE STOREFRONT TYPES AND DETAILS ON DRAWING Axxx.
6. SEE CURTAIN WALL TYPES AND DETAILS ON DRAWING Axxx.
7. COORDINATE ALL ACCESS CONTROL PREP AND WIRING WITH ELECTRICAL CONTRACTOR AND OWNER'S VENDOR (TYP.)

ABBREVIATIONS

AL	- ALUMINUM
ETR	- EXISTING TO REMAIN
FO	- FRAMED OPENING
FRIG-1	- FIRE-RATED IMPACT-RESISTANT GLAZING - TYPE 1
FRP	- FIBERGLASS REINFORCED POLYESTER
HM	- HOLLOW METAL
INSUL	- INSULATED TINTED TEMPERED GLASS
INSUL-F	- INSULATED TINTED TEMPERED GLASS W/ SECURITY WINDOW FILM
MTL	- METAL
SWF	- SECURITY WINDOW FILM
TPG	- TEMPERED PLATE GLASS
TPG-F	- TEMPERED PLATE GLASS W/ SECURITY WINDOW FILM
WD	- WOOD

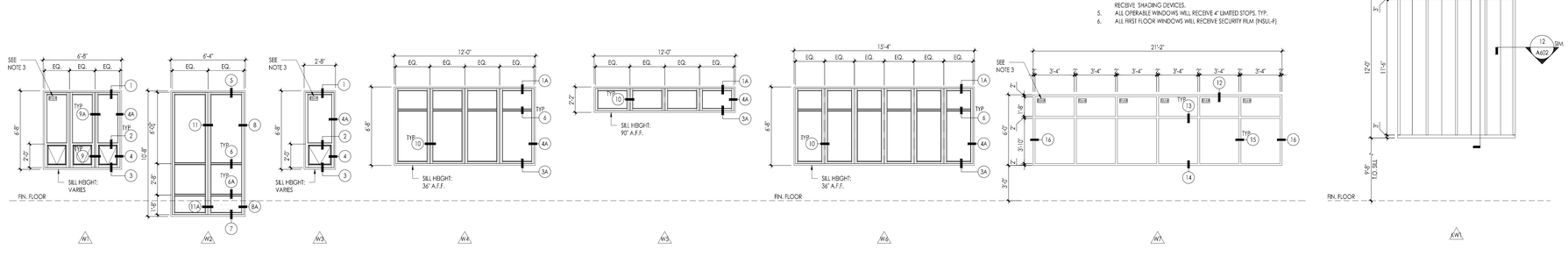
WINDOW NOTES

1. PROVIDE INSULATED TINTED TEMPERED GLASS W/ SECURITY WINDOW FILM (INSUL-F) AT NEW EXTERIOR WINDOWS, UNLESS NOTED OTHERWISE
2. VERIFY ALL EXISTING OPENING SIZES WITH FIELD CONDITION PRIOR TO ORDERING WINDOWS
3. PROVIDE BUILDING ROOM NUMBERS ON EXTERIOR SIDE OF WINDOWS. SEE ELEVATIONS. ROOM NUMBERS TO BE AN EXTERIOR GRADE REFLECTIVE VINYL MIN OF 5" HIGH. REFER TO SPECS FOR DETAILS.
4. REFERENCE A603 HEAD, JAMB, AND SILL DETAILS FOR WINDOWS TO RECEIVE SHADING DEVICES.
5. ALL OPERABLE WINDOWS WILL RECEIVE 4" LIMITED STOPS. TYP.
6. ALL FIRST FLOOR WINDOWS WILL RECEIVE SECURITY FILM (INSUL-F)



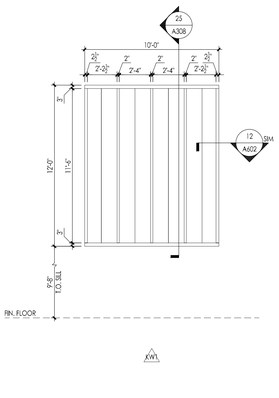
LOUVER TYPES

Scale: 1/4" =1'-0"



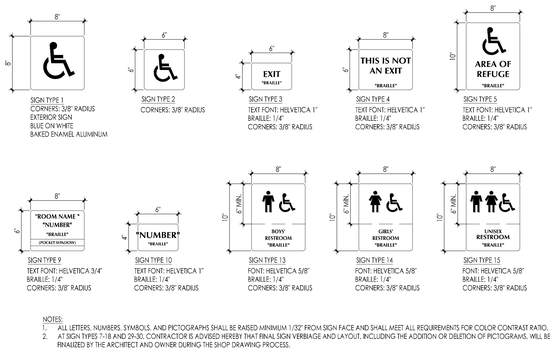
WINDOW TYPES

Scale: 1/4" = 1'-0"

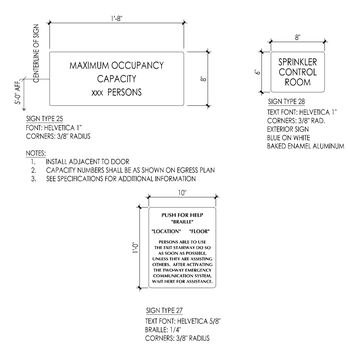


TRANSLUCENT INSULATED PANELS

Scale: 1/4" = 1'-0"



NOTES:
1. ALL LETTERS, NUMBERS, SYMBOLS, AND PICTOGRAPHS SHALL BE RAISED MINIMUM 1/32" FROM SIGN FACE AND SHALL MEET ALL REQUIREMENTS FOR COLOR CONTRAST RATIO.
2. AT SIGN TYPES 7-18 AND 29-30, CONTRACTOR IS ADVISED HEREBY THAT FINAL SIGN VERBIAGE AND LAYOUT, INCLUDING THE ADDITION OR DELETION OF PICTOGRAMS, WILL BE FINALIZED BY THE ARCHITECT AND OWNER DURING THE SHOP DRAWING PROCESS.



Signage Types

Scale: 1-1/2" = 1'-0"

ALUMINUM STOREFRONT

Scale: 1/4" = 1'-0"

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A001706001 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AI00028100
JASON J. ZITOLI
NJ - 21AI00033700
STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AI00033100 | PA - RA414581
10/10/25
Date
Architect
VHD Viñoly Hopkins Duthie PC
Frayak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

NJDCA Electronic Release Stamp

Project Name

Addition and Renovations to Community Park Elementary School

Project Owner Name

Princeton Public Schools

Project Location

372 Witherspoon St, Princeton, NJ 08542

Project Number

5516C

Project Date

10.10.2025

Checked By

GRD

Drawn By

BMP

Scale

As Noted

Drawing Name

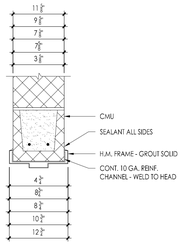
DOOR & WINDOW SCHEDULES, TYPES, NOTES, & DETAILS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number

A601



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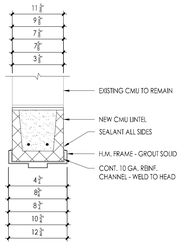

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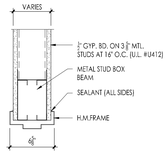

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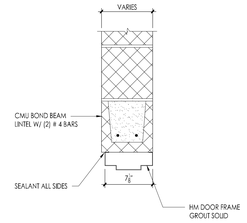

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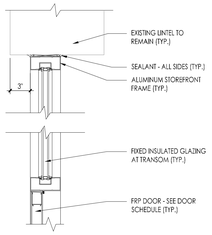

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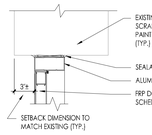

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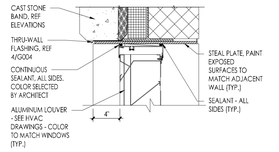

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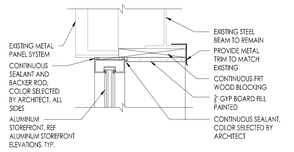

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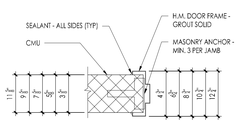
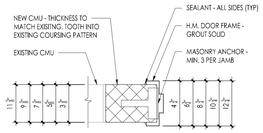
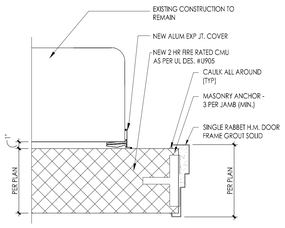


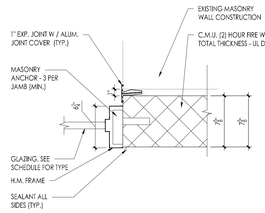
J1



J2



J3



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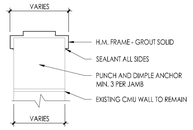

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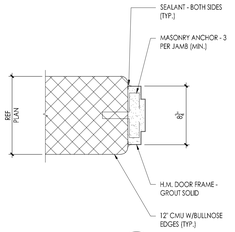

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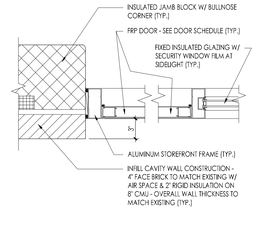

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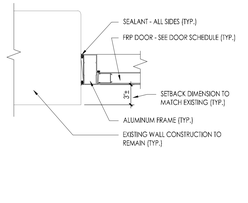

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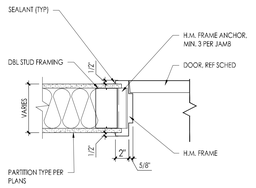

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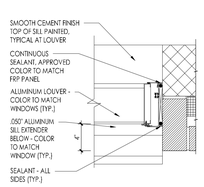

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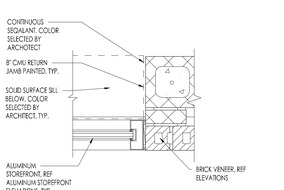

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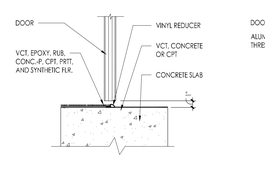

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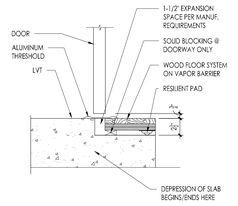

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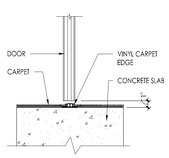

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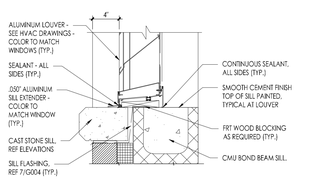

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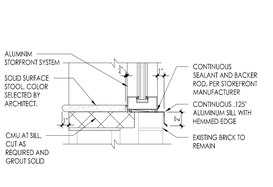
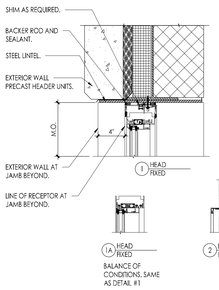
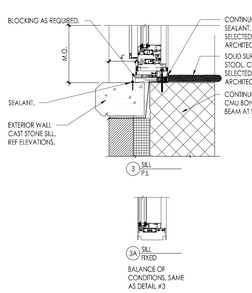


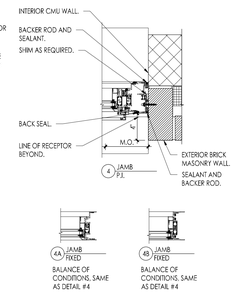
S5

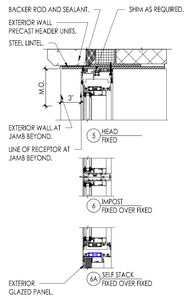
DOOR HEAD, JAMB, AND SADDLE DETAILS

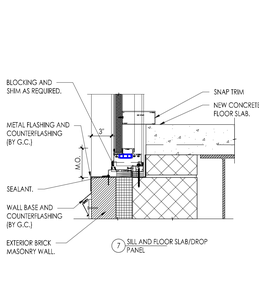
1 1/2" - 1'-0"

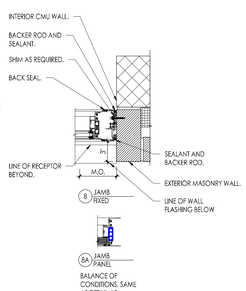


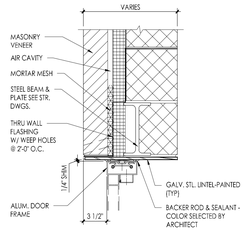








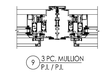


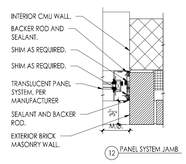


H7

ALUMINUM HEAD DETAILS (FRP DOORS)

Scale: 1 1/2" = 1'-0"





WINDOW HEAD, JAMB, AND SILL DETAILS

1 1/2" - 1'-0"

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01106000 | PA - RA012520X

GEORGE R. DUTHIE JR., AIA, PP
NJ - 21AC00127100

JASON J. ZDROJEWICH, AIA
NJ - 21AC00975000 | PA - RA426000

STEPHEN W. SCHREYER, JR., AIA, LEED AP BD+C
NJ - 21AC00001100 | PA - RA414365

10/10/25
Date

Architect

FVHD Fitzpatrick Hopkins Duthie P.C.

Corporate: 1515 Lower Ferry Road, Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453

F V H D P C . C O M

Project Name

Addition and Renovations to Community Park Elementary School

Project Owner Name

Princeton Public Schools

Project Location

372 Witherspoon St, Princeton, NJ 08542

Project Number

5516C

Project Date

10.10.2025

Checked By

GRD

Drawn By

BMP

Scale

As Noted

Drawing Name

HEAD, JAMB, & SILL DETAILS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number

A602

INTERIOR FINISH LEGEND

ACOUSTICAL CEILING SYSTEMS

ACB-1	DESCRIPTION: 2x2 ACOUSTICAL CEILING BOARD MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: ULTIMA HIGH NRC COLOR: WHITE SIZE: 24" x 24" x 7/8" EDGE PROFILE: LAY-IN NOTE: REFER TO SPECIFICATIONS
ACB-2	DESCRIPTION: 2x4 ACOUSTICAL CEILING BOARD MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: 863 ULTIMA HIGH NRC COLOR: WHITE SIZE: 24" x 48" x 7/8" EDGE PROFILE: LAY-IN NOTE: REFER TO SPECIFICATIONS
AACB-1	DESCRIPTION: 2x4 ACOUSTICAL CEILING BOARD MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: 605 CERAGUARD MAX COLOR: WHITE SIZE: 24" x 48" x 5/8" EDGE PROFILE: LAY-IN NOTE: REFER TO SPECIFICATIONS

DECORATIVE CEILING SYSTEMS

DCS-1	DESCRIPTION: ACOUSTICAL CANOPIES MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: ACOUSTICAL CLOUDS COLOR: WHITE SIZE: PER PLANS NOTE: REFER TO REFLECTED CEILING PLANS FOR LOCATIONS AND SPECIFICATIONS
DCS-2A	DESCRIPTION: ACOUSTICAL CANOPIES MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSCAPES ACOUSTICAL CANOPIES SIZE: 36" x 36" x 1 1/4" COLOR: WHITE NOTE: REFER TO REFLECTED CEILING PLANS FOR LOCATIONS AND SPECIFICATIONS
DCS-2B	DESCRIPTION: ACOUSTICAL CANOPIES MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSCAPES ACOUSTICAL CANOPIES SIZE: 36" x 36" x 1 1/4" COLOR: MIST NOTE: REFER TO REFLECTED CEILING PLANS FOR LOCATIONS AND SPECIFICATIONS
DCS-3	DESCRIPTION: MESH METAL CEILING SYSTEM MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: METALWORKS MIST SIZE: 24" x 24" EDGE PROFILE: LAY-IN COLOR: TBC PERFORATION: ARMSTRONG M285 - 28 % OPEN PATTERN: ROUND DIAGONAL HOLE SIZE: 2.39 MM (.094")

CARPET TILE

CPT-1	MANUF: INTERFACE OR APPROVED EQUAL COLLECTION: OFFLINE SERIES/COLOR: PEWTER/CLOUD SIZE: 9.845" x 39.38" INSTALL METHOD: TBD
CPT-2	MANUF: INTERFACE OR APPROVED EQUAL COLLECTION: ONLINE SERIES/COLOR: LAPIS (OR AZURE) SIZE: 9.845" x 39.38" INSTALL METHOD: TBD
CPT-3	MANUF: INTERFACE OR APPROVED EQUAL COLLECTION: ONLINE SERIES/COLOR: LEAF SIZE: 9.845" x 39.38" INSTALL METHOD: TBD
CPT-4	MANUF: INTERFACE OR APPROVED EQUAL COLLECTION: ONLINE SERIES/COLOR: MARIGOLD SIZE: 9.845" x 39.38" INSTALL METHOD: TBD
CPT-5	MANUF: INTERFACE OR APPROVED EQUAL COLLECTION: ONLINE SERIES/COLOR: INK SIZE: 9.845" x 39.38" INSTALL METHOD: TBD

CORNER GUARDS

CG-1	DESCRIPTION: 2" SURFACE MOUNT CORNER GUARD MANUF: INPRO OR APPROVED EQUAL STYLE: 160 HIGH IMPACT CORNER GUARD COLOR: TBD (MANUF. FULL RANGE) DIMENSIONS: 2" WING x 48" H INSTALL: INSTALL WITH PRE-SLOTTED ALUMINUM RETAINER
CG-1	DESCRIPTION: SURFACE MOUNT END WALL PROTECTOR W/ END CAPS MANUF: INPRO OR APPROVED EQUAL STYLE: 160 HIGH IMPACT END WALL PROTECTOR COLOR: TBD (MANUF. FULL RANGE) DIMENSIONS: 2" WING x 4'H. INSTALL: INSTALL WITH PRE-SLOTTED ALUMINUM RETAINER

FIBER REINFORCED PLASTIC

FRP-1	MANUF: ALTRO OR APPROVED EQUAL COLLECTION: WHITEROCK COLOR: MINT DIMENSIONS: 4x10 PANELS INSTALL: PROVIDE ACCESSORIES AS SPECIFIED
FRP-2	MANUF: ALTRO OR APPROVED EQUAL COLLECTION: WHITEROCK COLOR: SERENITY DIMENSIONS: 4x10 PANELS INSTALL: PROVIDE ACCESSORIES AS SPECIFIED

QUARTZ TILE

Q2-1	MANUF: RIKETT OR APPROVED EQUAL (ALT BID) COLLECTION: MEDLEY SERIES/COLOR: 8001 FROST MIX SIZE: 24" x 24" INSTALL METHOD: TBD
Q2-2	MANUF: RIKETT OR APPROVED EQUAL (ALT BID) COLLECTION: MEDLEY SERIES/COLOR: 8835 PURPLE RAIN SIZE: 24" x 24" INSTALL METHOD: TBD
Q2-3	MANUF: RIKETT OR APPROVED EQUAL (ALT BID) COLLECTION: MEDLEY SERIES/COLOR: 8832 CERULEAN SIZE: 24" x 24" INSTALL METHOD: TBD

LUXURY VINYL TILE CONT

LVT-1	DESCRIPTION: CLASSROOM & CORRIDOR FIELD MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CMYK SERIES/COLOR: SMOKE SIZE: 12" x 24" INSTALL METHOD: STAGGERED/BRICK SEE FINISH PLANS
LVT-2	DESCRIPTION: CLASSROOM & CORRIDOR ACCENT MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CMYK SERIES/COLOR: CYPRESS SIZE: 12" x 24" INSTALL METHOD: STAGGERED/BRICK SEE FINISH PLANS
LVT-3	DESCRIPTION: CLASSROOM & CORRIDOR ACCENT MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CMYK SERIES/COLOR: SAPPHIRE SIZE: 12" x 24" INSTALL METHOD: STAGGERED
LVT-4	DESCRIPTION: CAFETERIA FIELD MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CMYK SERIES/COLOR: NORDIC SIZE: 12" x 24" INSTALL METHOD: STAGGERED
LVT-5	DESCRIPTION: CAFETERIA ACCENT MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CMYK SERIES/COLOR: SKY SIZE: 12" x 24" INSTALL METHOD: STAGGERED
LVT-6	DESCRIPTION: CAFETERIA ACCENT MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CMYK SERIES/COLOR: SOLSTICE SIZE: 12" x 24" INSTALL METHOD: STAGGERED
LVT-7	DESCRIPTION: MEDIA CENTER AT STEM & CIRC DESK, VOCAL FIELD MANUF: PATCRAFT OR APPROVED EQUAL COLLECTION: CROSSOVER SERIES/COLOR: BEACHSCAPE SIZE: 12" x 24" INSTALL METHOD: STAGGERED

PAINT

P-1	DESCRIPTION: FIELD COLOR WALL PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: DIRT OF MIST FINISH: EGGSHELL
P-2	DESCRIPTION: MEDIA CENTER, MPR, STORAGE/MECHANICAL CEILING PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: ELLIE GRAY FINISH: FLAT
P-3	DESCRIPTION: VOCAL, BAND, STAGE CEILING PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: TRICORN BLACK FINISH: FLAT
P-4	DESCRIPTION: CAFETERIA ACCENT PAINT (ALT BID) MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: CYBERSPACE FINISH: EGGSHELL
P-5	DESCRIPTION: CAFETERIA ACCENT PAINT (ALT BID) MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: BABY BLUE EYES FINISH: EGGSHELL

PAINT CONT

P-6	DESCRIPTION: MEDIA CENTER ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: JACARANDA (OR AQUARIUM) FINISH: EGGSHELL
P-7	DESCRIPTION: MEDIA CENTER & FLEX ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: LEMON TWIST FINISH: EGGSHELL
P-8	DESCRIPTION: MEDIA CENTER ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: LIME RICKEY FINISH: EGGSHELL
P-9	DESCRIPTION: MEDIA CENTER ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: KEIVET FINISH: EGGSHELL
P-10	DESCRIPTION: MEDIA CENTER ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: OVERT GREEN FINISH: EGGSHELL
P-11	DESCRIPTION: MEDIA CENTER ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: REGALE BLUE (OR MARINER) FINISH: EGGSHELL
P-12	DESCRIPTION: FLEX ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: INVENTIVE ORANGE FINISH: EGGSHELL
P-13	DESCRIPTION: MPR ACCENT PAINT, BASKETBALL GAMES LINES MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: STARBOARD FINISH: EGGSHELL
P-14	DESCRIPTION: MPR ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: FLYWAY FINISH: EGGSHELL
P-15	DESCRIPTION: CAFETERIA ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: TBD FINISH: EGGSHELL
P-16	DESCRIPTION: VOCAL, BAND ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: HONEY BEES FINISH: EGGSHELL
P-17	DESCRIPTION: CLASSROOM, VOCAL ACCENT PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: PORCH CEILING FINISH: EGGSHELL
P-18	DESCRIPTION: FIELD COLOR CEILING PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: CEILING BRIGHT WHITE FINISH: FLAT
P-19	DESCRIPTION: DOOR FRAME PAINT MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: ELLIE GRAY FINISH: SEMI-GLOSS
P-20	DESCRIPTION: VOLLEYBALL GAMES LINES MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: HIGH REFLECTIVE WHITE FINISH: TBD

PLASTIC LAMINATE

PLAM-1	DESCRIPTION: MEDIA CENTER - FIELD, CAFETERIA MANUF: PIONITE OR APPROVED EQUAL COLOR: WHITE ELM FINISH: TBD
PLAM-2	DESCRIPTION: MEDIA CENTER DESK - ACCENT MANUF: WILSONART OR APPROVED EQUAL COLOR: CATALINA (OR OCEAN) FINISH: TBD
PLAM-3	DESCRIPTION: TBD MANUF: PIONITE OR APPROVED EQUAL COLOR: PEARWOOD FINISH: TBD

RESILIENT SHEET FLOORING

RSF-1	DESCRIPTION: SHEET VINYL FLOORING MANUF: ALTRO OR APPROVED EQUAL SERIES: LUSTRA COLOR: KEYSTONE ACCESSORIES: ALTRO FLASHCOVE SYSTEM FOR INTEGRAL BASE. C4 CAP STRIP HI-SHAPE AND ALTRO WELD STRIP, COLOR TO MATCH

RUBBER FLOOR TILE

RFT-1	MANUF: ROPPE OR APPROVED EQUAL SERIES: SYMMETRY TEXTURE: 924 HAMMERED COLOR: GALACTIC SIZE: 24" x 24"

RUBBER STAIR TREADS

RST-1	MANUF: ROPPE OR APPROVED EQUAL SERIES: SYMMETRY TEXTURE: #95 HAMMERED COLOR: GALACTIC OPTIONS: TBD

RUBBER WALL BASE

RB-1	DESCRIPTION: TYPICAL WALL BASE MANUF: ROPPE OR APPROVED EQUAL SERIES: PINNACLE RUBBER BASE COLOR: LUNAR DUST DIMENSIONS: 4" H
RB-2	DESCRIPTION: MEDIA CENTER WALL BASE MANUF: ROPPE OR APPROVED EQUAL SERIES: PINNACLE RUBBER BASE COLOR: DEEP NAVY DIMENSIONS: 4" H
RB-3	DESCRIPTION: STAGE & STORAGE CLOSETS WALL BASE MANUF: ROPPE OR APPROVED EQUAL SERIES: PINNACLE RUBBER BASE COLOR: BLACK DIMENSIONS: 4" H
RB-4	DESCRIPTION: CAFETERIA WALL BASE MANUF: ROPPE OR APPROVED EQUAL SERIES: PINNACLE RUBBER BASE COLOR: BLACK BROWN DIMENSIONS: 4" H
RB-5	DESCRIPTION: CAFETERIA WALL BASE MANUF: ROPPE OR APPROVED EQUAL SERIES: PINNACLE RUBBER BASE COLOR: GALACTIC DIMENSIONS: 4" H

SEALED CONCRETE FLOOR

SCF-1	DESCRIPTION: CONCRETE SEALER MANUF: SHERWIN WILLIAMS OR APPROVED EQUAL COLOR: CLEAR FINISH: MATT TEXTURE:

SOUND PANELS

SP-1	MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSOAK PANELS SIZE: REFER TO A400 SERIES DRAWINGS COLOR: OPAL
SP-2	MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSOAK PANELS SIZE: REFER TO A400 SERIES DRAWINGS COLOR: BLUE NEUTRAL
SP-3	MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSOAK PANELS SIZE: REFER TO A400 SERIES DRAWINGS COLOR: SKY
SP-4	MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSOAK PANELS SIZE: REFER TO A400 SERIES DRAWINGS COLOR: AMETHYST
SP-5	MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSOAK PANELS SIZE: REFER TO A400 SERIES DRAWINGS COLOR: YELLOW
SP-6	MANUF: ARMSTRONG OR APPROVED EQUAL SERIES: SOUNDSOAK PANELS SIZE: REFER TO A400 SERIES DRAWINGS COLOR: LIME

SOLID SURFACE MATERIAL

SSM-1	DESCRIPTION: WINDOW SILLS MANUF: CORIAN OR APPROVED EQUAL COLOR: ARTEFA CANYAS
SSM-2	DESCRIPTION: CLASSROOM SINKS MANUF: CORIAN OR APPROVED EQUAL COLOR: STONIQUE
SSM-3	DESCRIPTION: MEDIA CENTER SINK, CAFETERIA MANUF: CORIAN OR APPROVED EQUAL COLOR: LAVA ROCK
SSM-4	DESCRIPTION: MEDIA CENTER CIRCULATION DESK MANUF: CORIAN OR APPROVED EQUAL COLOR: SPARKLING GRANITA

VINYL COMPOSITE TILE

VCT-1	DESCRIPTION: VINYL COMPOSITE TILE MANUF: MATCH EXISTING COLOR: MATCH EXISTING

TACK SURFACES

TS-1	DESCRIPTION: TACK BOARDS MANUF: CLARIDGE OR APPROVED EQUAL FABRIC: FABRICORK COLOR: GENTLEMEN GREY

WOOD FLOORING

WD-1	DESCRIPTION: GYM FLOOR SYSTEM MANUF: OR APPROVED EQUAL SPECIES: SIZE: STAIN COLOR: NOTES: PROVIDE SPORTS STRIPING REFER TO A40X

WOOD FLOORING CONT.

WD-2	DESCRIPTION: STAGE WOOD FLOORING MANUF: OR APPROVED EQUAL SPECIES: SIZE: STAIN COLOR:

WOOD BASE MOLDING

WD-3	DESCRIPTION: PROSCENIUM WOOD BASE MANUF: MATCH EXISTING SPECIES: RED OAK SIZE: 1x6 SQUARE MOLDING STAIN COLOR:

ROLLER WINDOW SHADE

WT-1	DESCRIPTION: MOTORIZED DOUBLE ROLLER SHADE MECHO SHADES OR APPROVED EQUAL SERIES: ELECTROSHADE IQ2 FABRIC A: ECOVAIL 1550; FABRIC B: CHELSEA 0250. COLOR: TBD ACCESSORIES: PROVIDE FASCIA TRIM - REFER SPECS
WT-2	DESCRIPTION: MOTORIZED SINGLE ROLLER SHADE MANUF: MECHO SHADES OR APPROVED EQUAL SERIES: ELECTROSHADE IQ2 FABRIC: ECOVAIL 1550 COLOR: TBD ACCESSORIES: PROVIDE FASCIA TRIM - REFER SPECS
WT-3	DESCRIPTION: MOTORIZED DOUBLE ROLLER SHADE MANUF: MECHO SHADES OR APPROVED EQUAL SERIES: ELECTROSHADE IQ2 FABRIC A: ECOVAIL 1550; FABRIC B: CHELSEA 0250. COLOR: TBD ACCESSORIES: PROVIDE FASCIA TRIM - REFER SPECS
WT-4	DESCRIPTION: MANUAL OPERATING, CHAIN DRIVEN, DOUBLE ROLLER SHADE MANUF: MECHO OR APPROVED EQUAL SERIES: MECHO S/SX FABRIC A: CHELSEA 0250, FABRIC B: ECOVAIL 1550 COLOR: TBD ACCESSORIES: PROVIDE FASCIA TRIM - REFER SPECS
WT-5	DESCRIPTION: MANUAL OPERATING, CHAIN DRIVEN, DOUBLE ROLLER SHADE MANUF: MECHO OR APPROVED EQUAL SERIES: MECHO S/SX FABRIC A: CHELSEA 0250, FABRIC B: ECOVAIL 1550 COLOR: TBD ACCESSORIES: PROVIDE FASCIA TRIM - REFER SPECS
WT-6	DESCRIPTION: MOTORIZED SINGLE ROLLER SHADE MANUF: MECHO SHADES OR APPROVED EQUAL SERIES: ELECTROSHADE IQ2 FABRIC: CHELSEA 0250 COLOR: TBD ACCESSORIES: PROVIDE FASCIA TRIM - REFER SPECS

GENERAL FINISH NOTES:

CPS-1 — FINISH TAG

INDICATES EXTENT OF FINISH UNLESS NOTED OTHERWISE

SPAN DIRECTION OF SHEET OR BROAD LOOM PRODUCTS

ROOM FINISH TAG

ROOM NAME — ROOM NAME — ROOM NUMBER
PLAN WEST WALL FINISH — XXXX — PLAN NORTH WALL FINISH
PLAN SOUTH WALL FINISH — WD-1 — PLAN EAST WALL FINISH
WALL BASE FINISH — RF — FLOOR FINISH

1. NOTES PERTAIN TO AREAS WITHIN THIS SCOPE OF WORK ONLY.
2. INSTALL DIRECTIONAL FLOORING ORIENTED AS SPECIFIED IN THE FINISH PLAN.
3. REFER TO COLOR BOOK AND PLAN FOR GENERAL FINISHES.
4. ALIGN TRANSITION OF FLOOR MATERIAL WITH CENTER OF HINGE IN DOORWAY UPON.

GENERAL FINISH NOTES

1. NOTES PERTAIN TO AREAS WITHIN THIS SCOPE OF WORK ONLY.
2. CONTACT INTERIOR DESIGNER/ARCHITECT FOR CLARIFICATION IN THE EVENT OF CONTRADICTORY INFORMATION BETWEEN DRAWINGS. LEGEND AND/ OR SPECIFICATIONS OR IF COLOR AND/OR FINISH IS NOT SPECIFIED.
3. REFER TO FINISH LEGEND AND PLAN FOR GENERAL FINISHES.
4. REFER TO ALL INTERIOR FINISH NOTES AND INTERIOR DRAWINGS (INCLUDING PLANS, ELEVATIONS AND DETAILS) FOR COMPLETE INTERIORS INFORMATION.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING PRODUCT LEAD TIMES TO ENSURE DELIVERY THAT MEETS THE PROJECT SCHEDULE.
6. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL SITE CONDITIONS AND CONFIRM QUANTITIES PRIOR TO ORDERING PRODUCTS. IN THE EVENT OF CONTRADICTORY INFORMATION CONTACT THE INTERIOR DESIGNER/ARCHITECT FOR CLARIFICATION PRIOR TO ORDERING.
7. ALL MATERIALS SHALL BE INSTALLED USING MANUFACTURERS RECOMMENDED INSTALLATION METHODS. ACCESSORIES AND ADHESIVES.
8. WARRANTY INFORMATION AND INSTRUCTIONS OF MAINTENANCE ON ALL FINISH MATERIALS SHALL BE PROVIDED TO THE OWNER AND INCLUDED IN THE CLOSEOUT WARRANTY AND MAINTENANCE MANUAL.
9. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SAMPLES OF ALL FINISHES SPECIFIED TO INTERIOR DESIGNER/ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERIAL.
10. ALL SUBSTRATE SURFACES ARE TO BE PROPERLY PREPARED TO RECEIVE FINISH MATERIALS. SUBCONTRACTOR IS NOT TO APPLY FINISHES UNTIL SUBSTRATE IS PREPARED PER MANUFACTURES WRITTEN INSTRUCTIONS FOR ALL INSTALLATIONS OR APPLICATIONS.
11. PAINT GRILLS, WALL DIFFUSERS, ELECTRICAL PANELS, WALL MOUNTED BOXES. ACCESS PANELS, ETC., WHICH ARE EXPOSED IN FINISHED SPACES TO MATCH THE SURFACE ON WHICH THEY OCCUR IF THE ITEM IS ON A WALL-COVERED WALL. PROVIDE A CUSTOM PAINT COLOR USED TO MATCH. SUBMIT TO INTERIOR DESIGNER/ARCHITECT FOR APPROVAL.
    ALL DIRECTIONAL LAMINATES SHOULD RUN WITH THE VERTICAL GRAIN PATTERN, UNLESS OTHERWISE NOTED.
12. ALL WALL PAINT TO BE EGGSHELL FINISH, UNLESS OTHERWISE NOTED.
13. ALL METAL AND PAINTED TRIM TO BE SEMI-GLOSS ENAMEL FINISH, UNLESS OTHERWISE NOTED.
14. ALL VINYL/RUBBER BASE TO BE ROLLED GOODS, NOT LINEAR 4" LENGTHS, UNLESS OTHERWISE NOTED.

ABBREVIATIONS

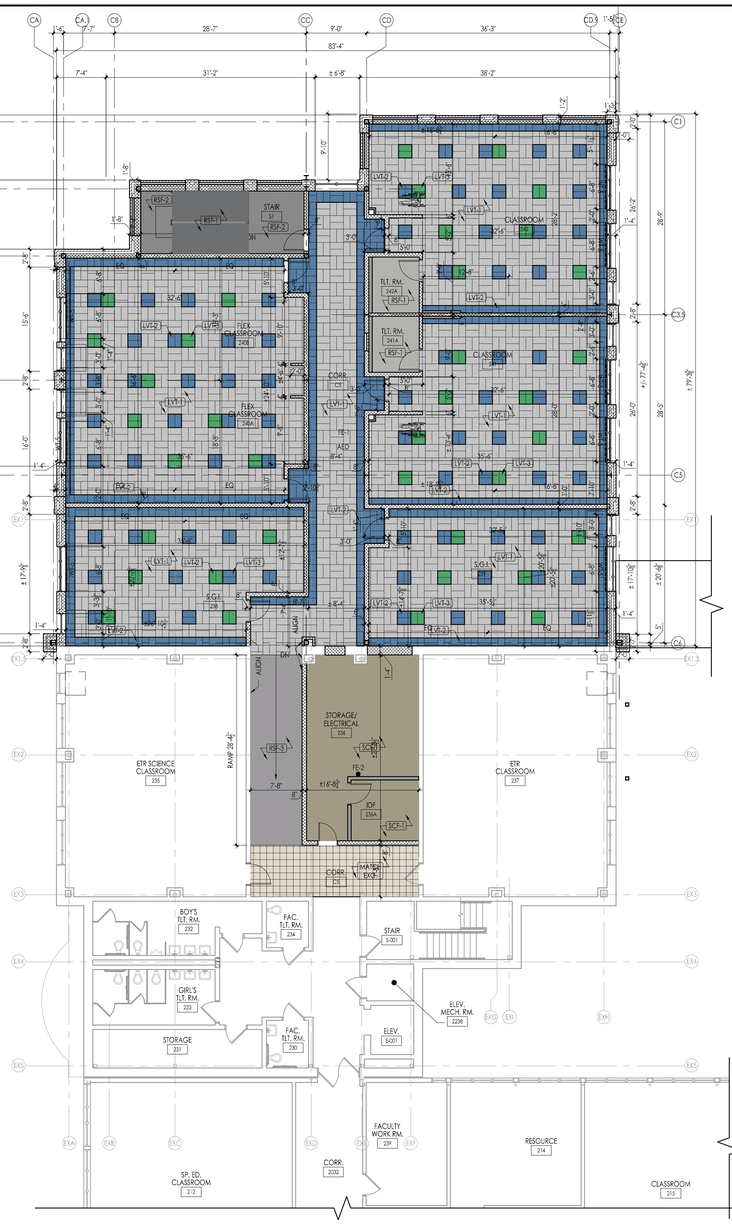
ACB	- ACOUSTIC CEILING BOARD
AL	- ALUMINUM
CG	- CORNER GUARD
CPT	- CARPET/CARPET TILE
DCS	- DECORATIVE CEILING SYSTEM
EXP	- EXPOSED
EXP-P	- EXPOSED PAINTED. REFER TO REFLECTED CEILING PLANS FOR PAINT COLOR
FRP	- FIBERGLASS REINFORCED PLASTIC
GCB	- GYPSUM CEILING BOARD
HVT	- HOMOGENOUS VINYL TILE
LVT	- LUXURY VINYL TILE
PLAM	- PLASTIC LAMINATE
RB	- RUBBER BASE
RSF	- RESILIENT SHEET FLOORING
RST	- RUBBER STAIR TREADS
RTF	- RESILIENT TILE FLOORING
RWS	- ROLLER WINDOW SHADE
SCF	- SEALED CONCRETE FLOOR
SP	- SOUND PANEL
SSM	- SOLID SURFACE MATERIAL
SST	- STAINLESS STEEL
TI	- TILE
TS	- TACKABLE SURFACE
WD	- WOOD

ROOM FINISH SCHEDULE

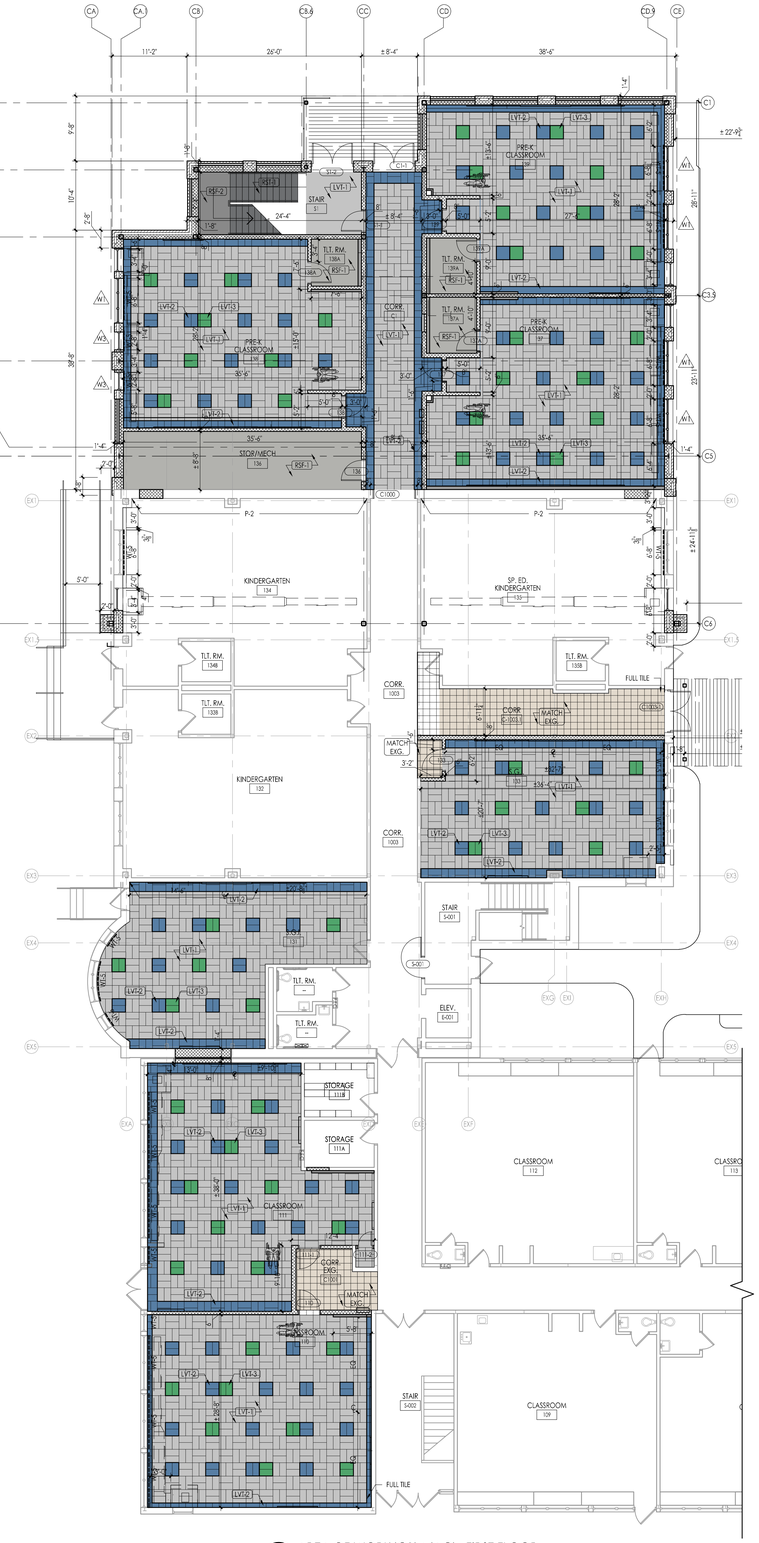
NUMBER	ROOM NAME	FLOOR	BASE		WAINSCOT		WALL FINISH	CEILING		NOTES
			MAT.	HT.	MAT.	HT.		MAT.	HT.	
110	CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
111	CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
119A	MEDIA CENTER	CPT/LVT	RB-4	4"	--	--	P	EXP-P-2	SEE A106	1, 2, 3
119B	FLEX	CPT	RB-4	4"	--	--	P-1/P-7/P-12	ACB-1	10'-6"	1, 2
119C	STOR.	LVT-1	RB-4	4"	--	--	P-1	EXP-P-2	--	3
120	VOCAL MUSIC	LVT-7	RB-4	4"	--	--	P-1/P-15/P-16	P-4/DCS-2A/DCS-2B	--	1, 2, 3
120A	MUSIC STOR.	LVT-7	RB-4	4"	--	--	P-1	ACB-2	9'-6"	--
121	BAND	CPT-5	RB-3	4"	--	--	P-1/P-16	P-4/DCS-2A/DCS-2B	--	1, 2, 3
121A	INSTRUMENT STORAGE	LVT-1	RB-3	4"	--	--	P-1	ACB-2	9'-6"	--
121B	MUSIC ALCOVE	CPT-5	RB-3	4"	--	--	P-16	ACB-1	9'-6"	2
130	CAFETERIA	LVT/Q2	RB-2	4"	--	--	P-1/P-5	ACB-2	13'-6"	1, 2, 9
130A	IDF	LVT/Q2	RB-2	4"	--	--	P-1	ACB-2	9'-6"	1, 9
130B	A/V CLOSET	LVT/Q2	RB-2	4"	--	--	P-1	ACB-2	9'-6"	1, 9
131	S.G.I.	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
133	S.G.I.	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
134	KINDERGARTEN	--	--	--	--	--	--	--	--	7, 8
135	SP. ED. KINDERGARTEN	--	--	--	--	--	--	--	--	7, 8
136	STOR/MECH	RSF-1	RSF-1	4"	--	--	P-1	EXP-P-2	--	3
137	PRE-K CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
137A	TLT. RM.	RSF-1	RSF-1	4"	RRP-1	60"	P-1	AACB-1	8'-6"	4, 5
138	PRE-K CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
138A	TLT. RM.	RSF-1	RSF-1	4"	RRP-1	60"	P-1	AACB-1	8'-6"	4, 5
139	PRE-K CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
139A	TLT. RM.	RSF-1	RSF-1	4"	RRP-1	60"	P-1	AACB-1	8'-6"	4, 5
140	MPR/ GYM	WD-1	RB-4	4"	--	--	P-1/P-13/P-14	EXP-P-2	--	1, 2, 3
140A	STAGE	WD-2	RB-3	4"	--	--	P-3	EXP-P-4	--	3
140B	STORAGE	SCF-1	RB-3	4"	--	--	P-1	EXP-P-2	--	3
140C	GYM OFFICE	LVT-7	RB-4	4"	--	--	P-1	ACB-2	8'-6"	--
140D	SPRINKLER CLOSET	SCF-1	RB-1	4"	--	--	P-1	EXP-P-4	--	3
141	MECH.	SCF-1	RB-1	4"	--	--	P-1	EXP-P-2	--	3
142A	BOY'S TLT. RM.	RSF-1	RSF-1	4"	RRP-2	60"	P-1	AACB-1	8'-6"	4, 5
142B	GIRL'S TLT. RM.	RSF-1	RSF-1	4"	RRP-1	60"	P-1	AACB-1	8'-6"	4, 5
142C	UTILITY CLOSET	RSF-1	RSF-1	4"	RRP-2	60"	P-1	EXP-P-2	--	4, 5, 6
236	STORAGE/ELECTRICAL	SCF-1	RB-1	4"	--	--	P-1	EXP-P-2	--	3
236A	IDF	SCF-1	RB-1	4"	--	--	P-1	EXP-P-2	--	3
238	S.G.I.	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
239	S.G.I.	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
240A	FLEX CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
240B	FLEX CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
241	CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
241A	TLT. RM.	RSF-1	RSF-1	4"	RRP-1	60"	P-1	AACB-1	8'-6"	4, 5
242	CLASSROOM	LVT	RB-1	4"	--	--	P-1/P-17	ACB-2	9'-6"	1, 2
242A	TLT. RM.	RSF-1	RSF-1	4"	RRP-1	60"	P-1	AACB-1	8'-6"	4, 5
C-1003.1	CORR.	--	RB-3	--	--	--	P-1	ACB-2	8'-6"	10
C1	CORR.	LVT	RB-1	4"	--	--	P-1	ACB-2	9'-6"	1
C1001	CORR.EXG.	--	RB-3	--	--	--	P-1	ACB-2	8'-6"	10
C120	CORR.EXG.	--	RB-3	--	--	--	P-1	--	--	10
C121	CORR.EXG.	--	RB-3	--	--	--	P-1	--	--	10
C2	CORR.	LVT	RB-1	4"	--	--	P-1	ACB-2	9'-6"	1
C3	CORR.EXG.	--	RB-3	--	--	--	P-1	ACB-2	9'-6"	10
C4	CORR.	LVT	RB-1	4"	--	--	P-1	ACB-2	8'-6"	1
C5	CORR.EXG.	--	RB-3	--	--	--	P-1	ACB-2	9'-6"	10
C5A	RAMP	RST-2	RB-3	4"	--	--	P-1	ACB-2	9'-6"	--
S1	STAIR	RSF-2/RST-1	RB-5	4"	--	--	P-1	ACB-2	--	--
S1	STAIR	RSF-2/RST-1	RB-5	4"	--	--	P-1	ACB-2	9'-6"	--

ROOM FINISH SCHEDULE NOTES

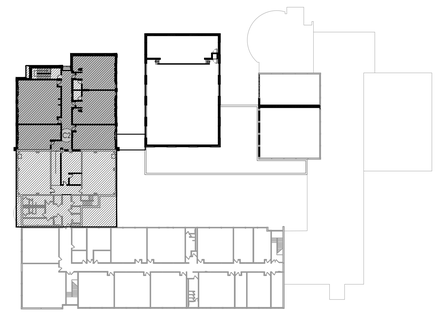
1. SEE FINISH PLANS FOR FLOOR PATTERNS AND COLORS
2. SEE FINISH PLAN FOR PAINT COLORS AND LOCATIONS
3. REFER TO REFLECTED CEILING PLAN FOR CEILING PAINT COLOR
4. REFER TO TOILET ROOM ELEVATIONS FOR WAINSCOTING LOCATIONS
5. PROVIDE INTEGRAL BASE PER MANUFACTURER
6. PROVIDE FRP AT MOP SINK ON BACK AND ADJACENT WALL TO A HEIGH



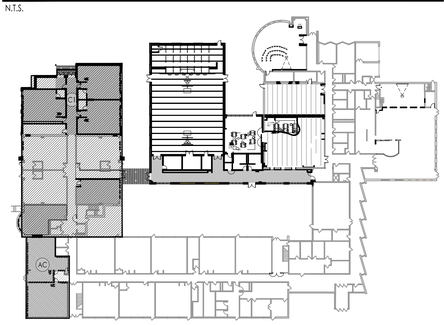
1 AREA OF WORK 'C2' - SECOND FLOOR
1/8" = 1'-0"



2 AREA OF WORK 'C1' + 'AC' - FIRST FLOOR
1/8" = 1'-0"



SECOND FLOOR - KEY PLAN
N.T.S.



FIRST FLOOR - KEY PLAN
N.T.S.

BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 21A01706000 | PA - RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01720100
JASON J. LUBOWITCH, AIA
NJ - 21A01730600 | PA - RA426090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A01731000 | PA - RA414585
10/10/25
Date
Architect

FVHD Fitzgibbon Vanderbeek Frayiak Velez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
GRD

Drawn By
BMP

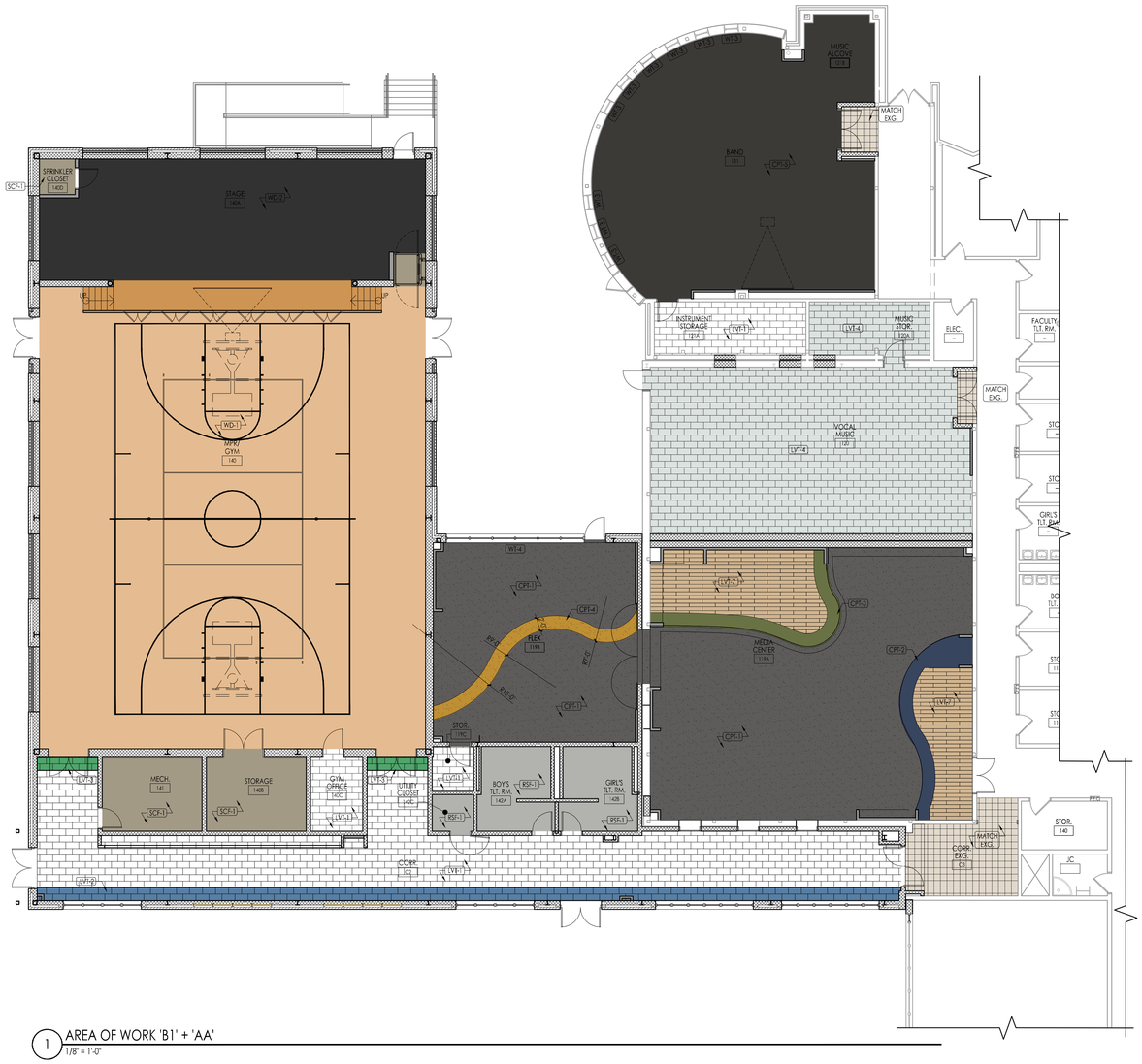
Scale
AS NOTED

Drawing Name
FIRST AND SECOND FLOOR FINISH PLANS - WORK AREA 'AC' & 'C'

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

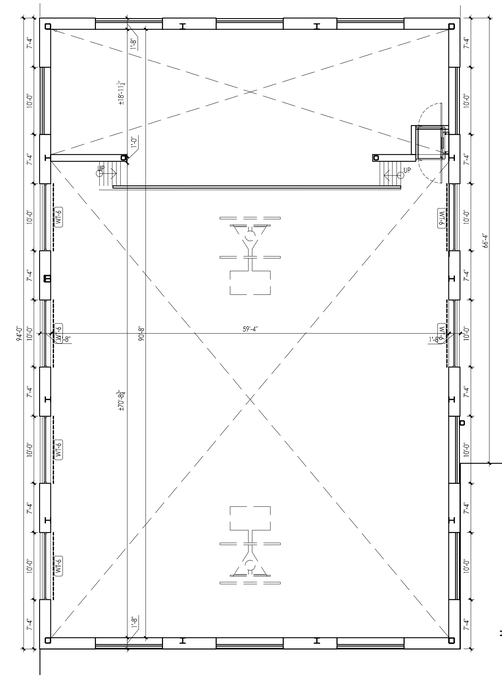
Drawing Number
A702



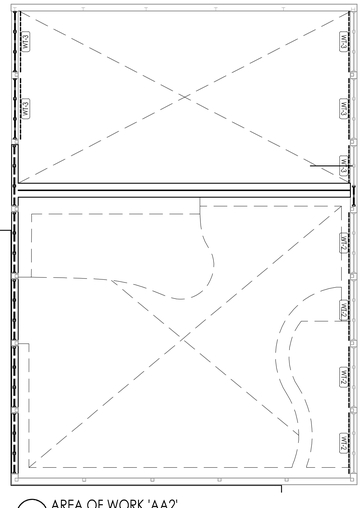
1 AREA OF WORK 'B1' + 'AA'
1/8" = 1'-0"

2 AREA OF WORK 'AB' - ALT-BID CP-3
1/8" = 1'-0"

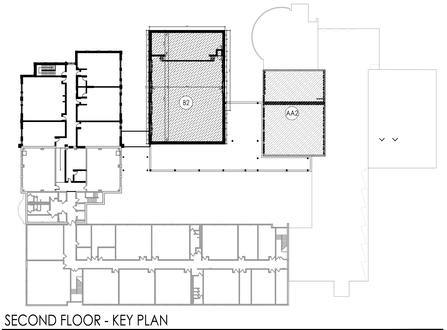
2 AREA OF WORK 'AB' BASE-BID
1/8" = 1'-0"



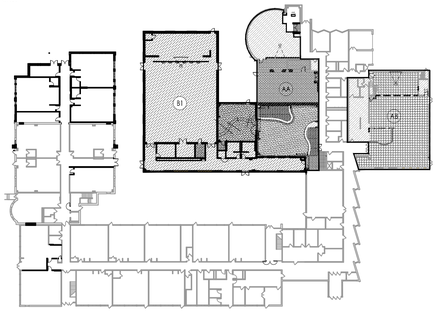
3 AREA OF WORK 'B2'
1/8" = 1'-0"



4 AREA OF WORK 'AA2'
1/8" = 1'-0"



SECOND FLOOR - KEY PLAN
N.T.S.



BUILDING A: EXISTING TO REMAIN
BUILDING B: ADDITION/RENOVATION
BUILDING C: ADDITION/RENOVATION

FIRST FLOOR - KEY PLAN
N.T.S.

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - #14071060000 | PA - #AR172520X
GEORGE R. DUTHIE JR., AIA, PP
NJ - #21AI01297200
JASON J. LUBOWITCH, AIA
NJ - #21AI01775000 PA - #RA426090
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - #21AI02003100 | PA - #RA414583
10/10/25
Date
Architect
FVHD Fréylak Vélez Hopkins Duthie PC
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

Project Name
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372 Witherspoon St, Princeton, NJ 08542

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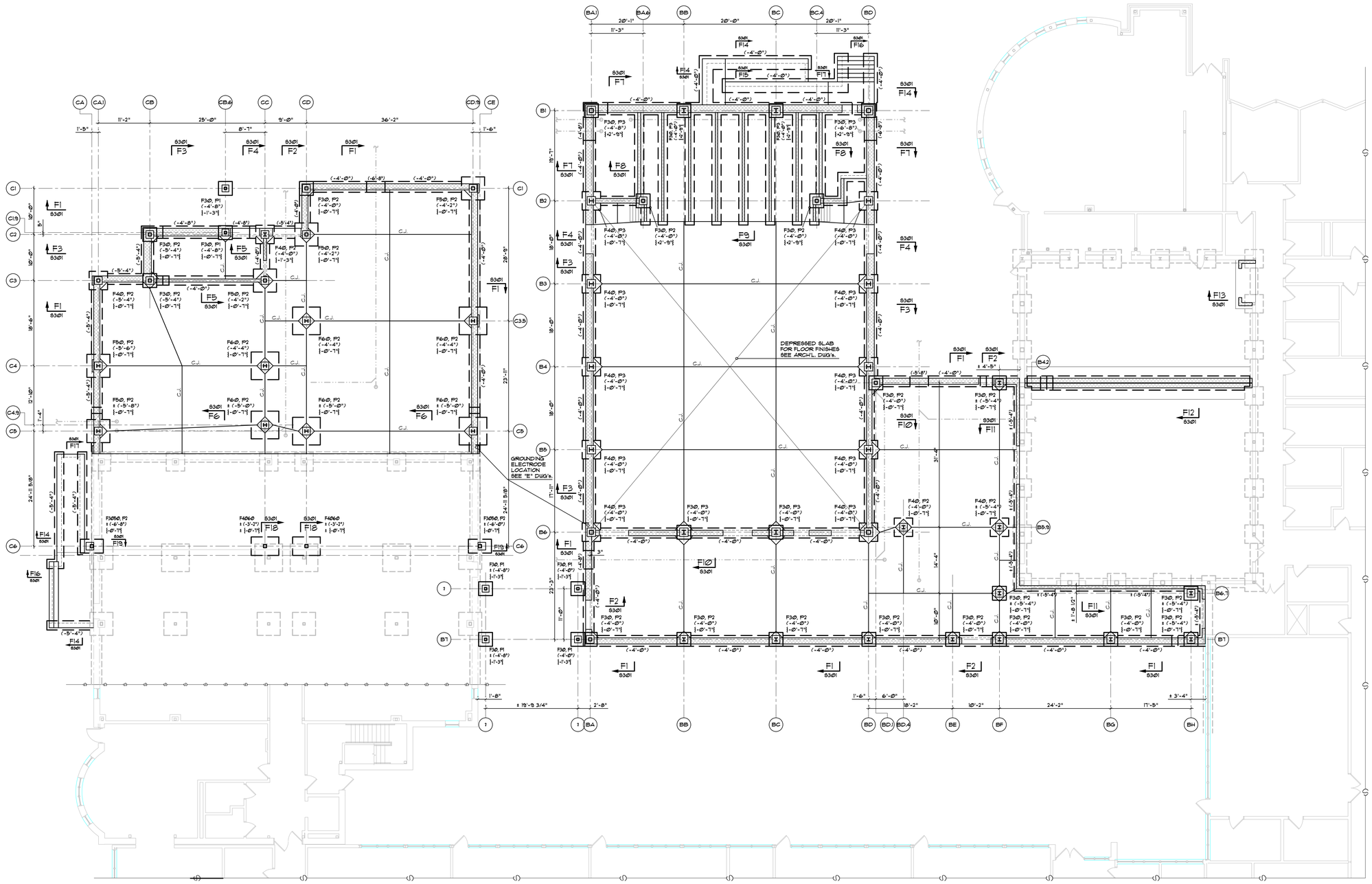
Checked By
GRD
Drawn By
BMP
Scale
AS NOTED

Drawing Name
FIRST AND SECOND FLOOR FINISH PLANS - WORK AREA 'AA', 'AB' & 'B'

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION

Drawing Number
A703



NOTE:
1. STEP ALL FOOTINGS AT ALL PIPES & CONDUITS, SEE TYPICAL DETAIL.
2. G.C. TO CONFIRM ALL LOCATIONS AND INVERTS OF PIPES WITH MECHANICAL & ELECTRICAL CONTRACTORS.
3. THE FOUNDATION DRAWINGS SHOW ONLY GENERAL LOCATIONS AND MAY NOT INCLUDE ALL PENETRATIONS. G.C. TO SEE MECHANICAL DRAWINGS FOR FULL EXTENT OF PIPE PENETRATIONS.

NOTE:
GENERAL CONTRACTOR TO LAYOUT DIMENSIONS OF COLUMN CENTERLINES AT THE BEGINNING OF THE PROJECT AND IS TO NOTIFY THE ARCHITECT AND STEEL CONTRACTOR OF ANY DEVIATIONS FROM THE CONTRACT DRAWINGS.

NOTE:
ELECTRICAL CONTRACTOR TO PROVIDE GROUNDING ELECTRODE SYSTEM AS REQUIRED BY NEC SECTION 250-52.a. COORDINATE LOCATION WITH GENERAL CONTRACTOR. SEE SHEETS E3.Ø & E3.1

NOTE:
CONTRACTOR IS RESPONSIBLE TO SHORE EXISTING STRUCTURE AS NECESSARY TO INSTALL NEW STRUCTURAL ELEMENTS.

FOUNDATION PLAN

1/8" = 1'-Ø"

ELEVATION TOP OF FINISHED CONCRETE SLABS: ± 15Ø.42' (TO MATCH EXIST.) REFERRED TO AS DATUM EL. Ø'-Ø" UNLESS OTHERWISE NOTED ON PLAN.
FLOOR SLAB: 4" CONC. SLAB + 6x6-W1.4xW1.4 WWF. ON A VAPOR BARRIER OVER 6" MIN. DRAINAGE FILL UNLESS OTHERWISE NOTED.
ELEVATION BOTTOM OF FOOTINGS NOTED THUS ( ) ON PLAN BELOW FINISHED FLOOR DATUM EL. Ø'-Ø".
C.J. - INDICATES SLAB CONSTRUCTION OR CONTROL JOINT.
SLAB DEPRESSIONS NOTED THUS [ ] ON PLAN FROM TOP OF FLOOR SLABS - SEE ARCH. DWGS. FOR LOCATION & EXTENT.
[ ] - INDICATES BOTTOM OF BASE PLATE ABOVE OR BELOW DATUM.
ANY PENETRATIONS IN SLABS FROM ALL TRADES TO BE FILLED WITH POLYURETHANE CAULK.
± - INDICATES DIMENSION OR ELEVATION TO BE VERIFIED IN FIELD BY GENERAL CONTRACTOR.
T.M.E. - INDICATES "TO MATCH EXISTING".

FOOTING SCHEDULE

MARK	SIZE	REINFORCEMENT
F3Ø	3'-Ø" x 3'-Ø" x 12"	(3) - #4's E.W. BOT.
F4Ø	4'-Ø" x 4'-Ø" x 12"	(4) - #5's E.W. BOT.
F5Ø	5'-Ø" x 5'-Ø" x 14"	(5) - #6's E.W. BOT.
F6Ø	6'-Ø" x 6'-Ø" x 16"	(6) - #6's E.W. BOT.
F3Ø5Ø	3'-Ø" x 5'-Ø" x 12"	(3) - #6's L.W. BOT. (5) - #6's S.W. BOT.
F4Ø6Ø	4'-Ø" x 6'-Ø" x 12"	(4) - #6's L.W. BOT. (6) - #6's S.W. BOT.

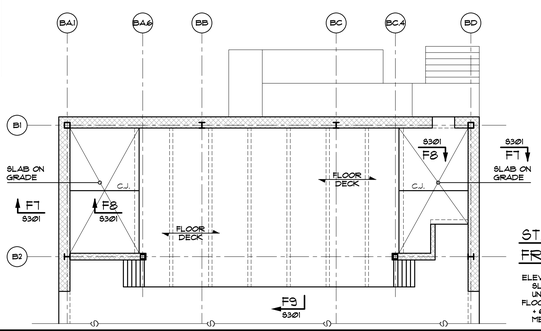
NOTE: SUBGRADE TO BE BROUGHT UP TO BOTTOM OF NEW FOOTING ELEVATIONS WITH APPROVED STRUCTURAL FILL. CONTRACTOR IS TO REFERENCE GEOTECHNICAL REPORT BY INGRAM ENGINEERING SERVICES, INC. DATED MAY 2Ø25 FOR HOW TO PLACE AND THE REQUIREMENTS OF THE STRUCTURAL FILL.

PIER SCHEDULE

MARK	SIZE	REINFORCEMENT
FP1	18" x 18"	(4) - #6's VERT.
FP2	2Ø" x 2Ø"	(4) - #6's VERT.
FP3	22" x 22"	(8) - #6's VERT.

NOTE:
ALL PIERS TO HAVE #3 TIES @ 12" o/c (TYPICAL.)
PROVIDE BRICKSHELF AS REQUIRED. SEE TYPICAL BRICKSHELF DETAIL ON DRAWING S-4Ø1.

TIE ARRANGEMENTS



STAGE FLOOR FRAMING PLAN

1/8" = 1'-Ø"

ELEVATION TOP OF FINISHED CONCRETE SLAB: ± 3'-4" ABOVE DATUM EL. Ø'-Ø" UNLESS OTHERWISE NOTED ON PLAN.
FLOOR SLAB: 4 1/2" CONC. SLAB + 6x6-W1.4xW1.4 WWF. ON 2"-2Ø GA. COMPOSITE METAL FLOOR DECK (GALVANIZED.)

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Consulting Structural Engineers
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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

NJDCA Electronic Release Stamp

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NJ: 21AI07979200
JASON J. DUBOWITCH, AIA
NJ: 21AI07979800 | PA: RA-Ø06009
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ: 21AI00203100 | PA: RA419435
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Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

10/01/25
10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
DMH

Drawn By
JDH

Scale
AS NOTED

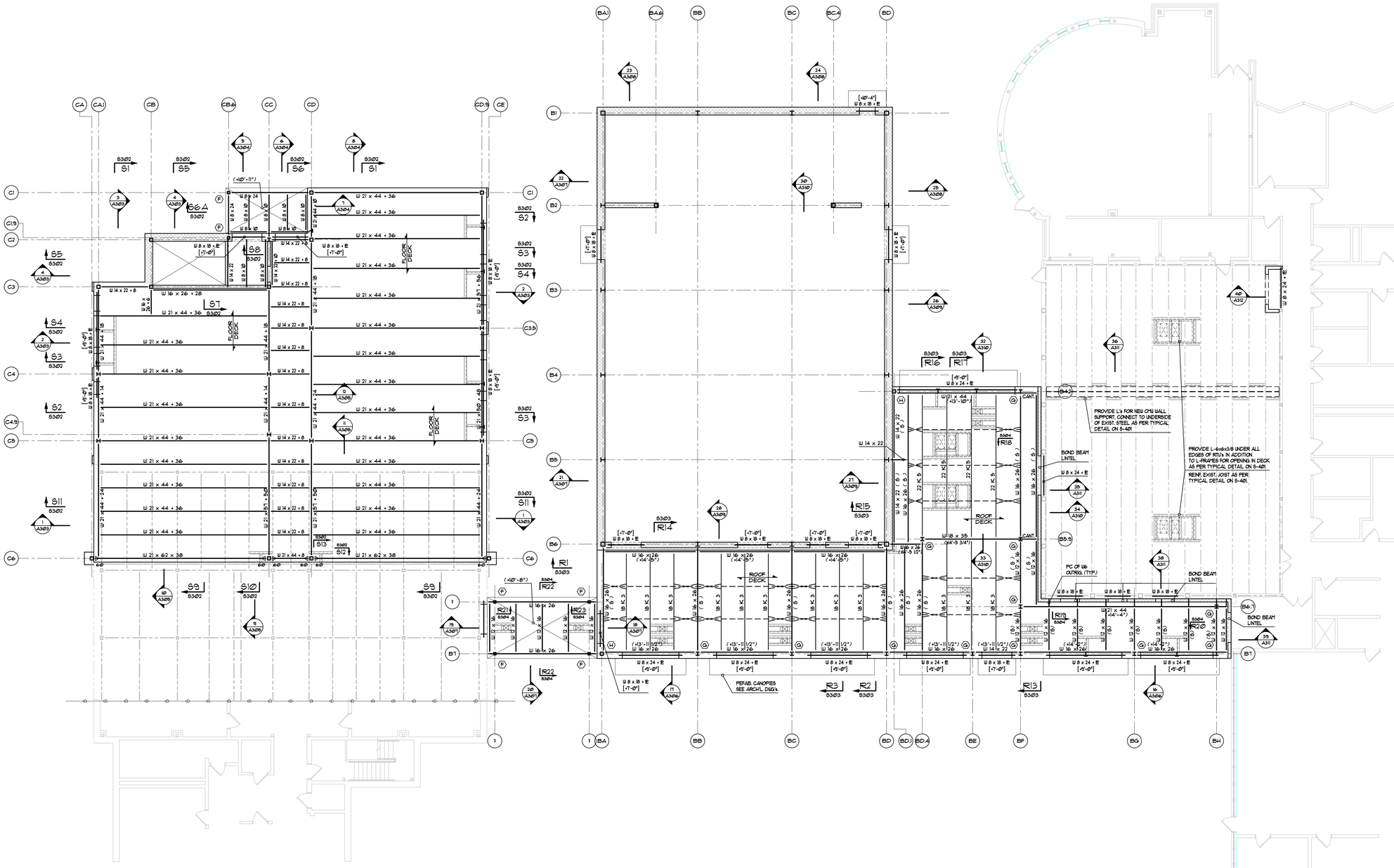
Drawing Name
FOUNDATION PLAN

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S101

Drawing name: \\2K19-SERVER\2K19-Server Jobs_2025\25117 - Princeton Com Park Elem - FVHDPrinc Com Park Elem New Structural Plans.dwg
Date: Dec 02, 2025 - 4:05pm



SECOND FLOOR & LOW ROOF FRAMING PLAN

1/8" = 1'-0"

ELEVATION TOP OF FINISHED CONCRETE SLABS: + 13'-8" ABOVE DATUM
EL. 0'-0" UNLESS OTHERWISE NOTED ON PLAN.
FLOOR SLABS: 4 1/2" CONC. SLAB + 6x6-W2.9xW2.9 WWF, ON 2"-20 GA. COMPOSITE METAL FLOOR DECK (GALVANIZED).
ELEVATION TOP OF STEEL BEAMS -4 1/2" BELOW TOP OF SLAB UNLESS OTHERWISE NOTED THUS (+) ON PLAN ABOVE DATUM.
W 16 x 26 + 24 - INDICATES W16 x 26 STEEL BEAM WITH 24-3/4"ø SHEAR STUDS. SPACE ALL STEEL MEMBERS EQUALLY UNLESS OTHERWISE NOTED ON PLAN.
ROOF DECK: 1 1/2" - 20 GA. TYPE "B" (WIDE RIB) METAL ROOF DECK (GALV.).
BEAMS NOTED AS "W 8" TO BE W 8 x 10#.
F.P. - INDICATES MEMBER TO HAVE FIRE-PROOFING - SEE ARCH'L. DWG's. FOR MORE INFORMATION.
ELEVATION TOP OF STEEL BEAMS NOTED THUS ( ) ON PLAN ABOVE DATUM UNLESS OTHERWISE NOTED.
ROOF DECK: 1 1/2" - 20 GA. TYPE "B" (WIDE RIB) METAL ROOF DECK (GALV.).
PROVIDE L-6x6x3/8 UNDER ALL UNSUPPORTED EDGES OF MECH'L. UNITS.
PROVIDE FRAME AROUND ALL ROOF DRAINS & AT ALL OTHER ROOF OPENINGS LARGER THAN 8" AS PER TYPICAL DETAIL.
COORDINATE SIZE & LOCATION OF ALL ROOF OPNGS. W/ ARCH. & MECH. DWGS.
SPACE ALL STEEL MEMBERS EQUALLY UNLESS OTHERWISE NOTED ON PLAN.
[ ] - INDICATES ELEVATION BOTTOM OF BEAM + IE LINTEL FROM DATUM.
(S) - INDICATES SLOPING MEMBER.

NOTE:
CONTRACTOR IS RESPONSIBLE TO SHORE EXISTING STRUCTURE AS NECESSARY TO INSTALL NEW STRUCTURAL ELEMENTS.

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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

NJDCA Electronic Release Stamp

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FVHD architects planners
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Pennsylvania: 140 Whitaker Avenue, Mont Clare - Pennsylvania 19453
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10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number	5516C
Project Date	10.10.2025
Checked By	DMH
Drawn By	JDH
Scale	AS NOTED

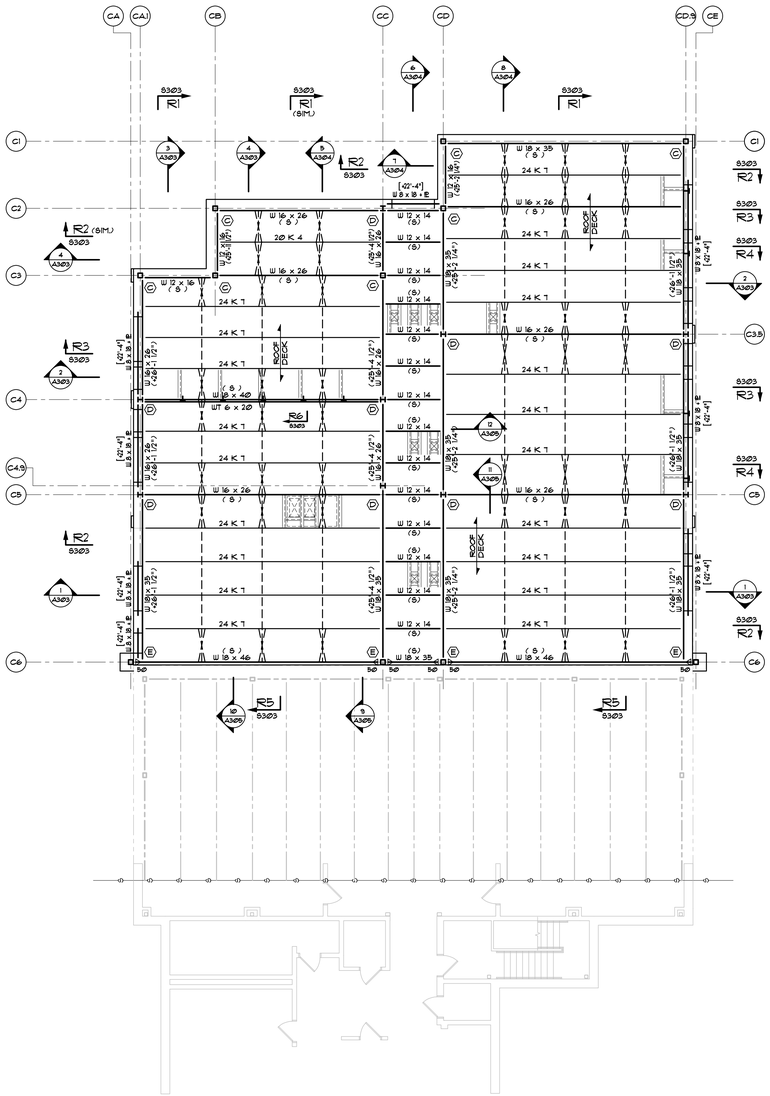
Drawing Name
SECOND FLOOR & LOW ROOF FRAMING PLANS

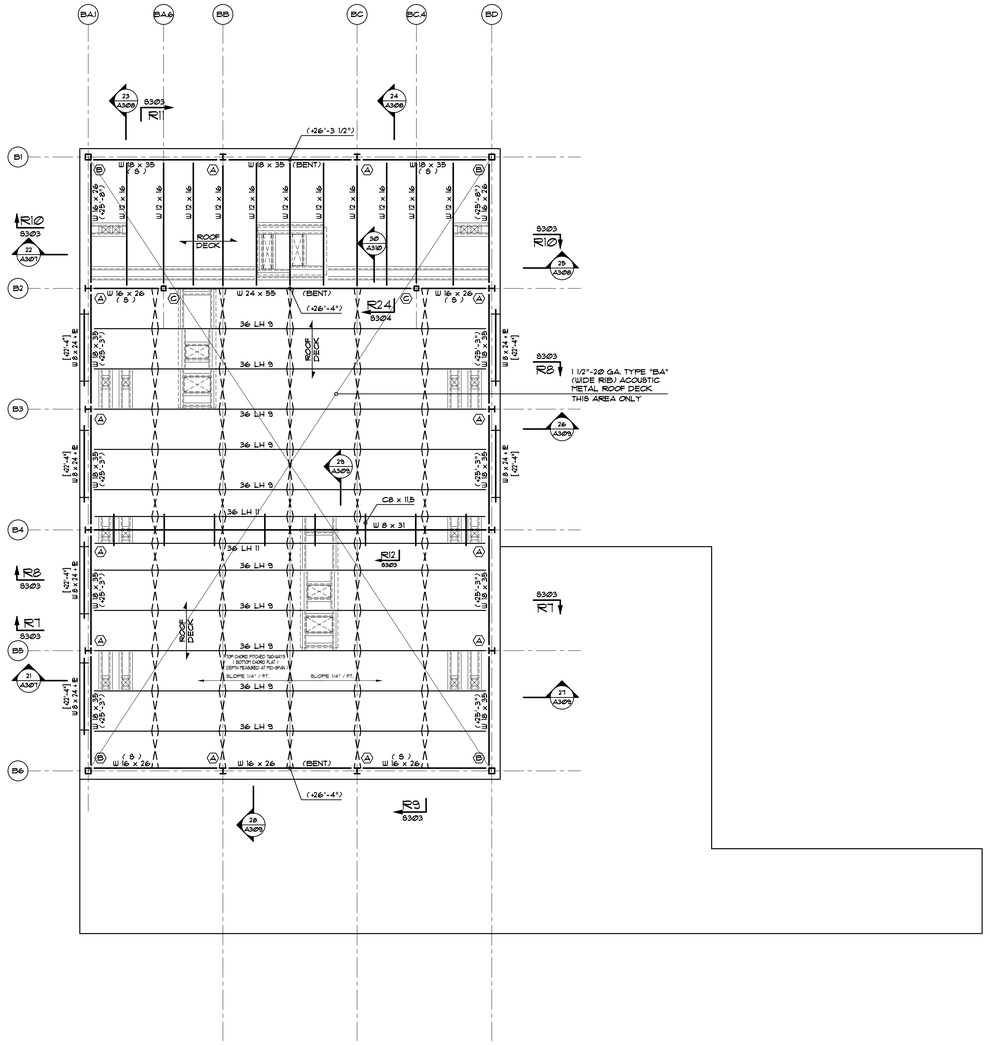
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S201

Drawing name: N:\2025-SERVER\2025-Server Jobs_2025\25217 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Plans.dwg
Date: Dec 12, 2025 - 4:45pm





NOTE:
CONTRACTOR IS RESPONSIBLE TO SHORE EXISTING STRUCTURE AS NECESSARY TO INSTALL NEW STRUCTURAL ELEMENTS.

HIGH ROOF FRAMING PLAN

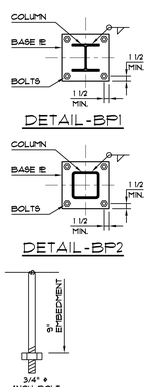
1/8" = 1'-0"

ELEVATION TOP OF STEEL BEAMS NOTED THUS ( ) ON PLAN ABOVE DATUM UNLESS OTHERWISE NOTED.
ROOF DECK: 1 1/2" - 20 GA. TYPE "B" (WIDE RIB) METAL ROOF DECK (GALV.).
PROVIDE 1-6x6x3/8 UNDER ALL UNSUPPORTED EDGES OF MECH'L. UNITS.
PROVIDE FRAME AROUND ALL ROOF DRAINS & AT ALL OTHER ROOF OPENINGS LARGER THAN 8" AS PER TYPICAL DETAIL.
COORDINATE SIZE & LOCATION OF ALL ROOF OPNGS. W/ ARCH. & MECH. DWGS.
SPACE ALL STEEL MEMBERS EQUALLY UNLESS OTHERWISE NOTED ON PLAN.
[ ] - INDICATES ELEVATION BOTTOM OF BEAM + IE LINTEL FROM DATUM.
(B) - INDICATES SLOPING MEMBER.
◁ ▷ - INDICATES MOMENT CONNECTION IN KIP/FT.

COLUMN SCHEDULE

MARK	SIZE	BASE PLATE	ANCHOR BOLTS
(A)	W 10 x 49	1" x 1'-4" x 16"	(4) 3/4" ø
(B)	HSS 10 x 10 x 1/4	1" x 1'-4" x 16"	(4) 3/4" ø
(C)	HSS 8 x 8 x 3/8	3/4" x 1'-2" x 14"	(4) 3/4" ø
(D)	W 8 x 31	1" x 1'-2" x 14"	(4) 3/4" ø
(E)	HSS 8 x 8 x 1/2	1" x 1'-2" x 14"	(4) 3/4" ø
(F)	HSS 6 x 6 3/8	3/4" x 1'-0" x 12"	(4) 3/4" ø
(G)	W 8 x 31	3/4" x 1'-2" x 14"	(4) 3/4" ø
(H)	HSS 8 x 8 x 1/4	3/4" x 1'-2" x 14"	(4) 3/4" ø

NOTES:
1. BOTTOM OF BASE PLATES TO BE -1" BELOW DATUM ELEVATION UNLESS OTHERWISE NOTED THUS [ ] ON PLAN.
2. ALL COLUMNS TO HAVE (4) ASTM F1554 GR. 36 ANCHOR BOLTS WITH 9" MIN. EMBEDMENT & HEAVY HEX HEAD NUTS AT THIER EMBEDDED ENDS UNLESS OTHERWISE NOTED.
3. ALL HSS COLUMNS TO BE F_y = 46 K.S.I.
4. ALL HSS COLUMNS TO HAVE CAP PLATES: 3/4" THICK @ BEAM BEARING ALL OTHERS 1/4" THICK U.O.N.
5. WHERE ANY FACE OF COLUMN ABUTS MASONRY WALLS, PROVIDE ADJUSTABLE MASONRY ANCHORS @ 24" O.C. VERTICALLY. OMIT MASONRY ANCHORS AT FIRE WALLS.
6. ALL STEEL COLUMNS SUPPORTING CANTILEVER MEMBERS TO HAVE 3/4" TOP PLATES W/ (4) 3/4"ø A325 BOLTS U.O.N.
7. (X) - INDICATES COLUMN SIZE AND NOTES THE HIGHEST LEVEL OF THE COLUMN.



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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

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JASON J. DUBOWITCH, AIA
NJ - 21AI01779800 | PA - RA-006009
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21AI02003100 | PA - RA419435

FVHD planners
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Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number	5516C
Project Date	10.10.2025
Checked By	DMH
Drawn By	JDH
Scale	AS NOTED

Drawing Name
HIGH ROOF FRAMING PLAN

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S202

Drawing name: \\2019-SERVER\2k19-Server Jobs_2025\25117 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Plans.dwg
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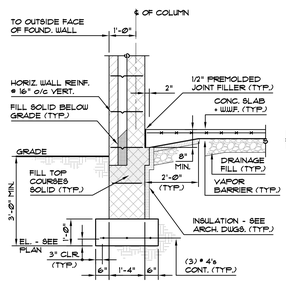

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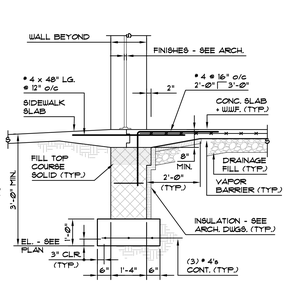

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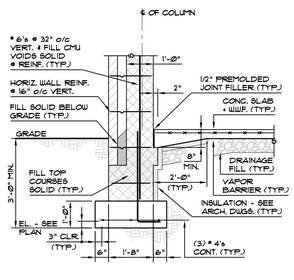

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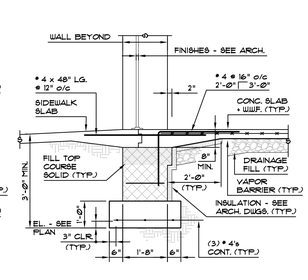

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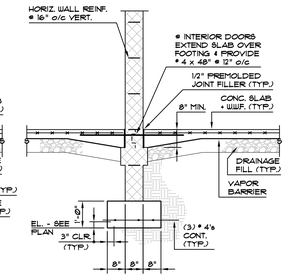

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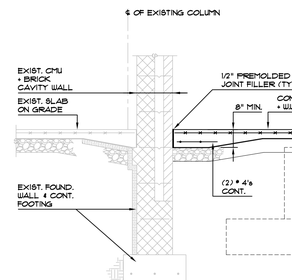

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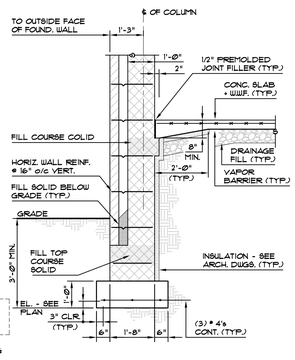

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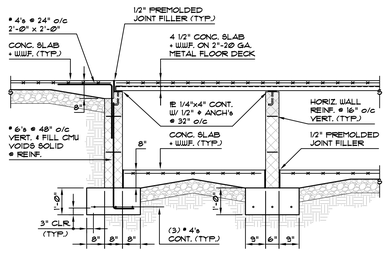

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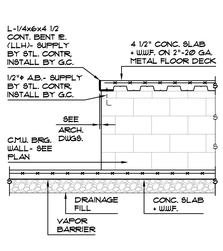

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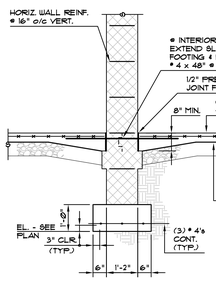

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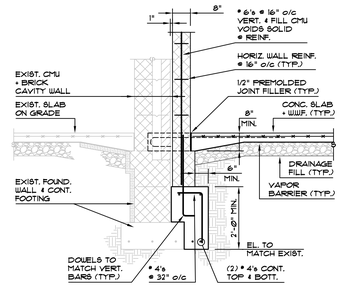

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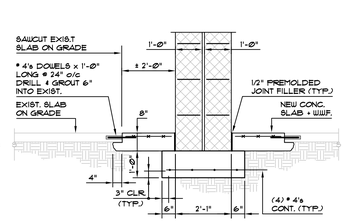

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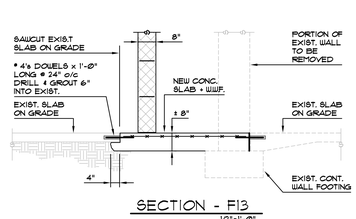

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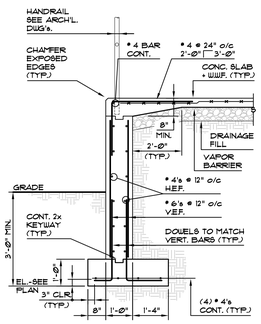

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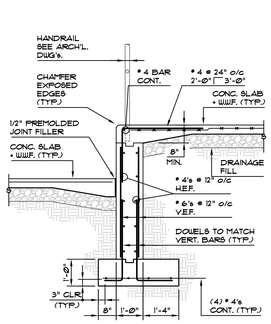

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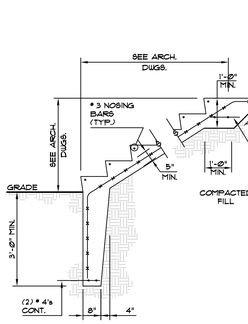

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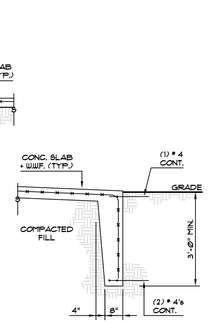

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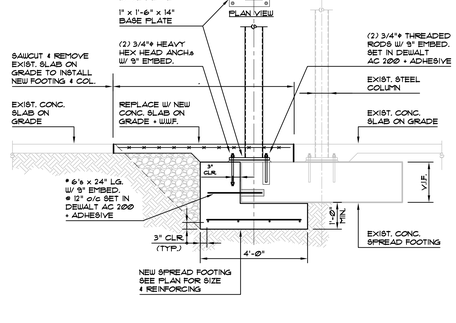

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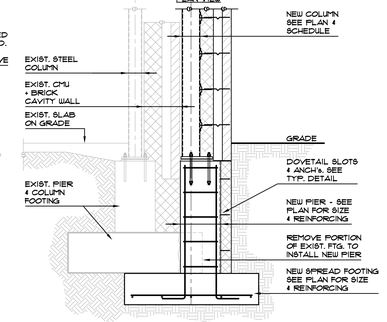

SECTION - F19
1/2"=1'-Ø"

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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

Drawing name: \\2K19-SERVER\2K19-Server Jobs_2025\25117 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Plans.dwg
Date: Dec 12, 2025 - 4:15pm

NJDCA Electronic Release Stamp

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GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01979700
JASON J. DUBOWITCH, AIA
NJ - 21A01979800 | PA - RA406009
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
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FVHDPC.COM
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

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Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
DMH

Drawn By
JDH

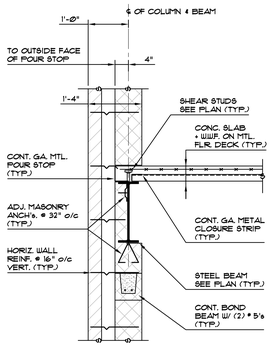
Scale
AS NOTED

Drawing Name
FOUNDATION SECTIONS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S301



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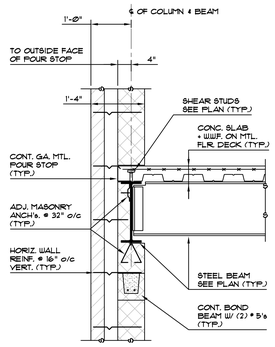

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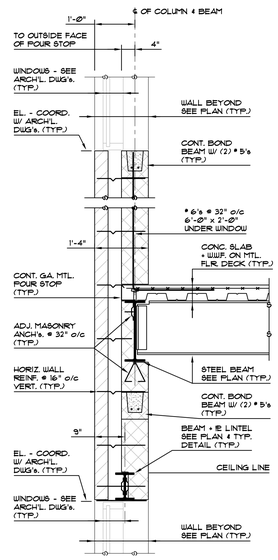

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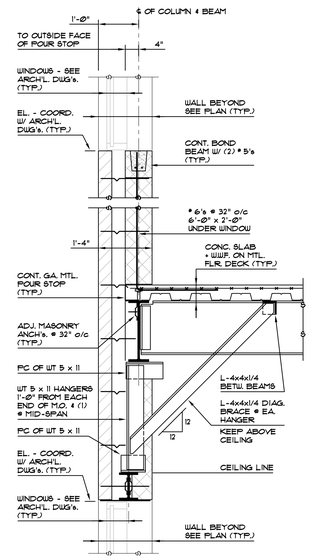

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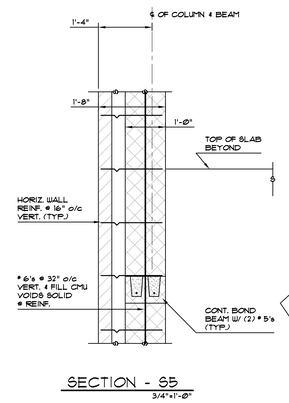

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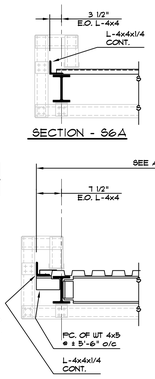
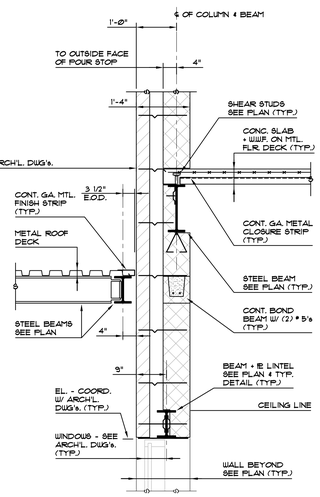
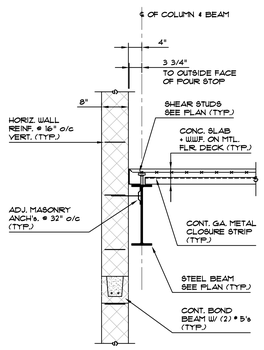


SECTION - S6A



SECTION - S6
3/4"=1'-Ø"



SECTION - S7
3/4"=1'-Ø"

SECTION - S8
3/4"=1'-Ø"

SECTION - S9
3/4"=1'-Ø"

SECTION - S10
3/4"=1'-Ø"

SECTION - S11
3/4"=1'-Ø"

SECTION - S12
3/4"=1'-Ø"

SECTION - S13
3/4"=1'-Ø"

Harrison – Hamnett, P.C.
Consulting Structural Engineers
40 Knowles Street Pennington, New Jersey 08534
Ph: 609-818-1808 www.hhpccse.com

MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

Drawing name: \\2K19-SERVER\2K19-Server Jobs_2025\25117 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Plans.dwg
Date: Dec 22, 2025 4:45pm

NJDCA Electronic Release Stamp

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ: 21A01979800 | PA: RA-406009
GEORGE R. DUTHIE JR., AIA, PP
NJ: 21A01979700
JASON J. DUBOWITCH, AIA
NJ: 21A01979800 | PA: RA-406009
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ: 21A02003100 | PA: RA-415435

FVHD architects planners
Principals licensed in New Jersey and Pennsylvania

Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453

F V H D P C . C O M

10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
DMH

Drawn By
JDH

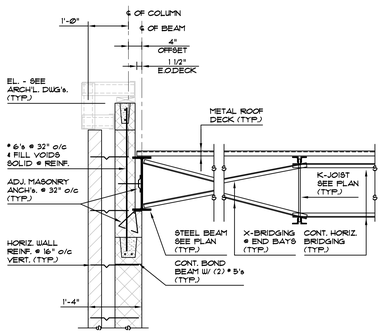
Scale
AS NOTED

Drawing Name
FLOOR SECTIONS

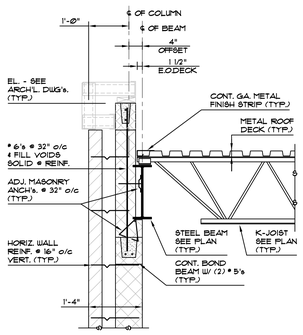
Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S302



SECTION - R1
3/4"=1'-Ø"



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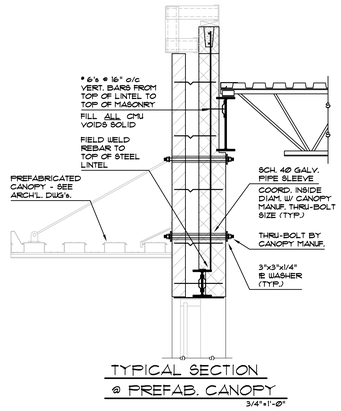
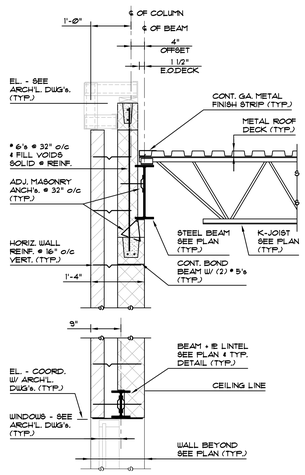
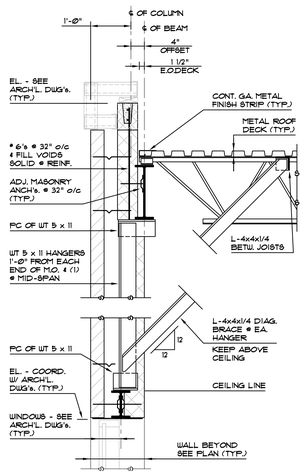
3/4"=1'-Ø"



TYPICAL SECTION
@ PREFAB. CANOPY
3/4"=1'-Ø"



SECTION - R3
3/4"=1'-Ø"



SECTION - R4
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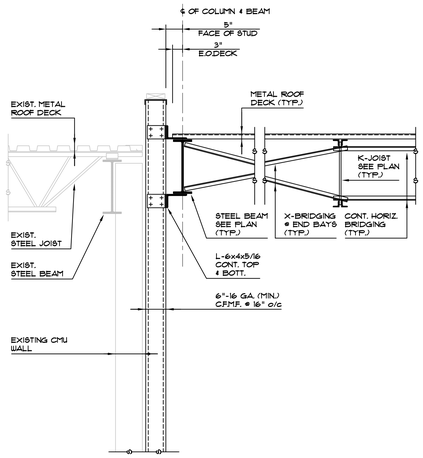

SECTION - R5
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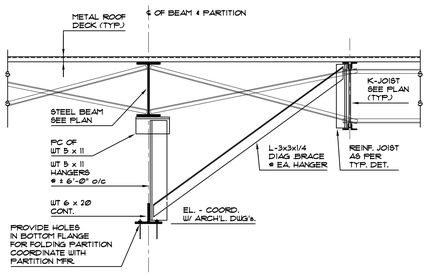
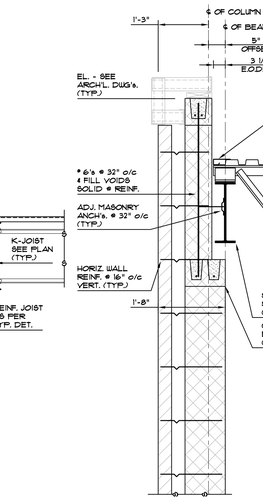
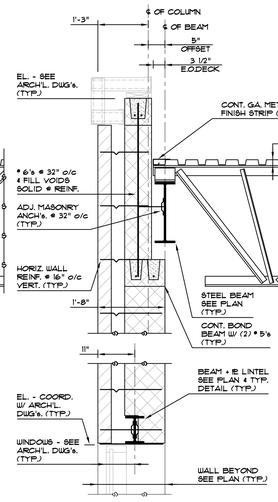


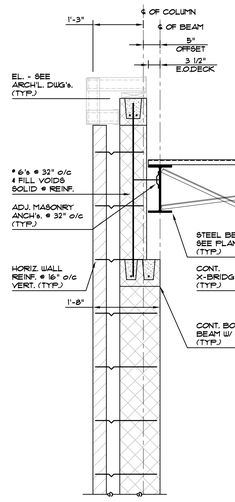
SECTION - R6
3/4"=1'-Ø"



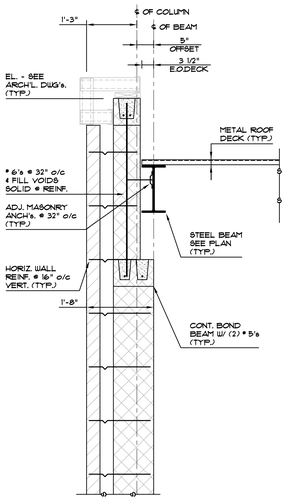
SECTION - R7
3/4"=1'-Ø"



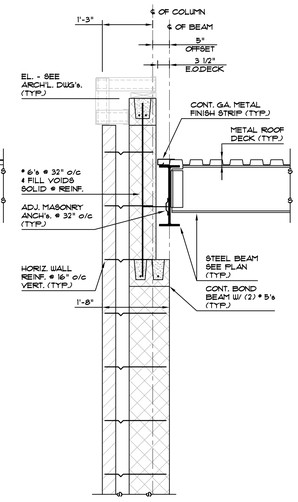
SECTION - R8
3/4"=1'-Ø"



SECTION - R9
3/4"=1'-Ø"



SECTION - R10
3/4"=1'-Ø"



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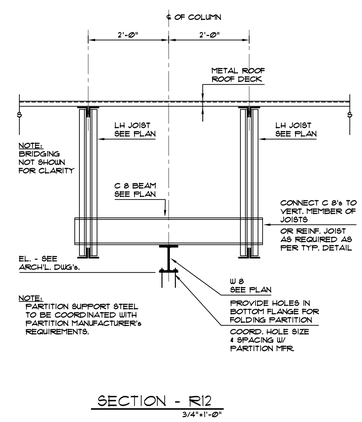
3/4"=1'-Ø"



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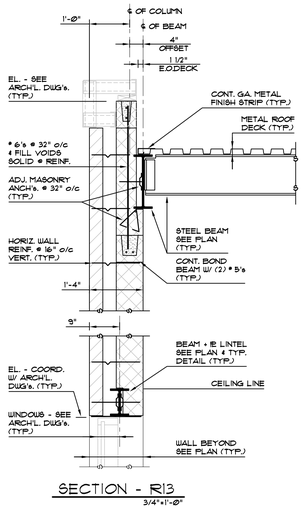

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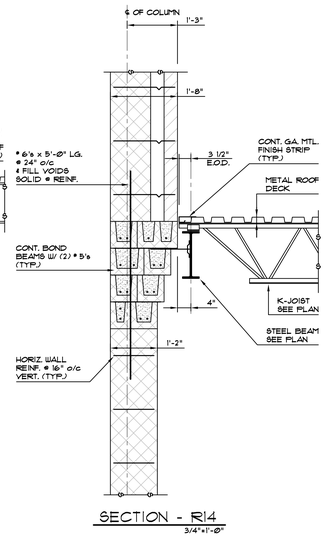

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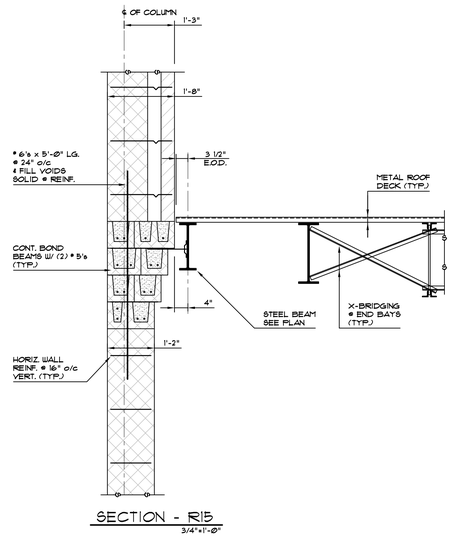
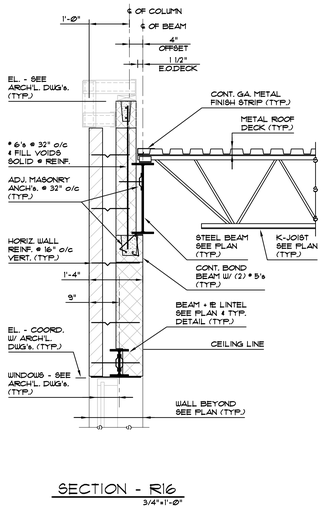


SECTION - R15
3/4"=1'-Ø"



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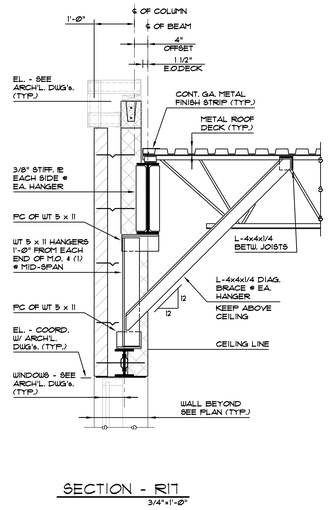

SECTION - R17
3/4"=1'-Ø"

Harrison – Hamnett, P.C.
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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

NJDCA Electronic Release Stamp

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NJ - 21A01977900 | PA - RA-006209
GEORGE R. DUTHIE JR., AIA, PP
NJ - 21A01979100
JASON J. DUBOWITCH, AIA
NJ - 21A01977800 | PA - RA-006209
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A02003100 | PA - RA-419435

FVHDPC.COM

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
DMH

Drawn By
JDH

Scale
AS NOTED

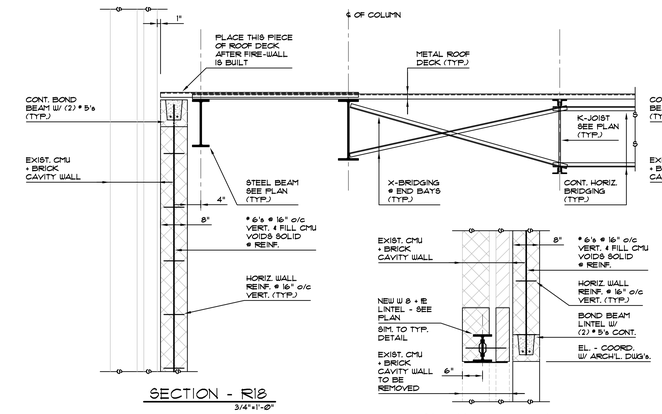
Drawing Name
ROOF SECTIONS

Revisions

No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

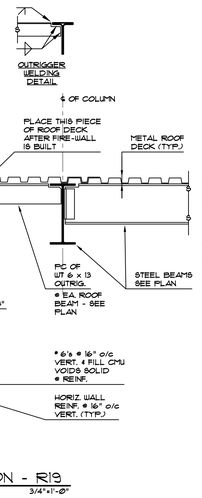
Drawing Number
S303

Drawing name: \\2619-SERVER\2619-Server Jobs_2025\25517 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Plans.dwg
Date: Dec 12, 2025 - 4:46pm



SECTION - R18
3/4"=1'-0"

SECTION @ OPNG. IN FIRE-WALL
3/4"=1'-0"



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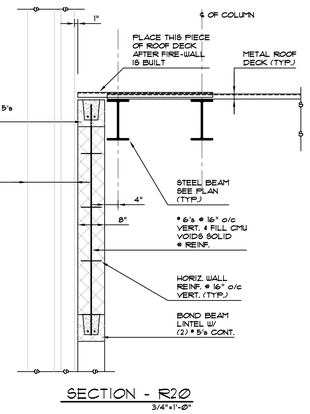

SECTION - R20
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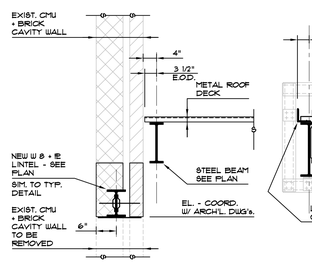

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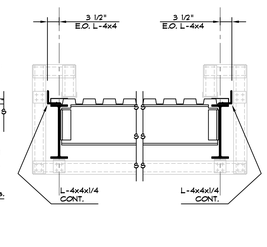

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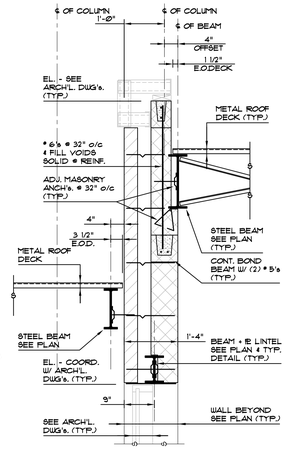

SECTION - R23
3/4"=1'-0"

SECTION - R24
3/4"=1'-0"

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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

NJDCA Electronic Release Stamp

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GEORGE R. DUTHIE JR., AIA, PP
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JASON J. DUBOWITCH, AIA
NJ - 21A02009100 | PA - 304509
STEPHEN W. SCHREYER JR., AIA, LEED AP BD+C
NJ - 21A02003100 | PA - 304110435

FVHD planners
Corporate: 1515 Lower Ferry Road Trenton - New Jersey 08628
Pennsylvania: 140 Whitaker Avenue Mont Clare - Pennsylvania 19453
F V H D P C . C O M

10/10/25

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
DMH

Drawn By
JDH

Scale
AS NOTED

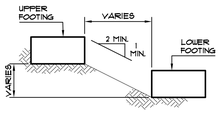
Drawing Name
ROOF SECTIONS

Revisions

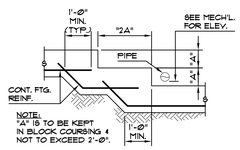
No.	Date	Description
	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S304

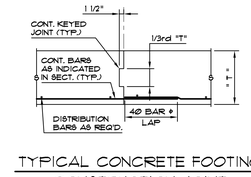
Drawing name: \\SR19-SERVER\SR19-Server Jobs_2025\25117 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Plans.dwg
Date: Dec 01, 2025 - 4:45pm



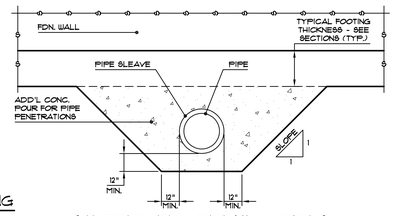
TYPICAL SLOPE BETWEEN FOOTINGS



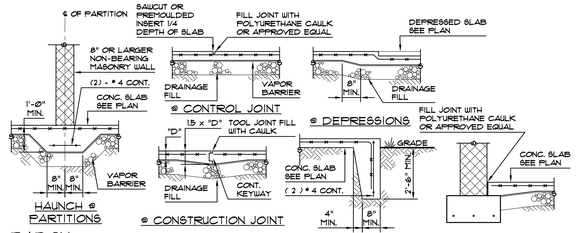
TYPICAL STEPPED FOOTING



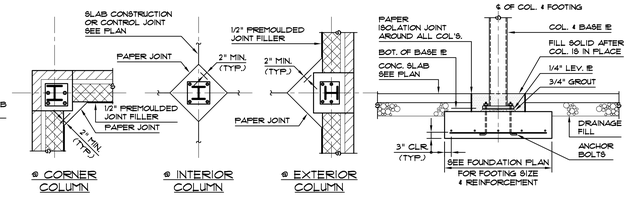
TYPICAL CONCRETE FOOTING CONSTRUCTION JOINT



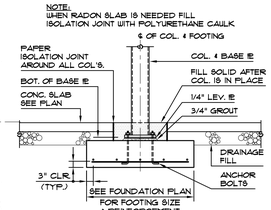
STEPPED FTG. DETAIL @ PIPES



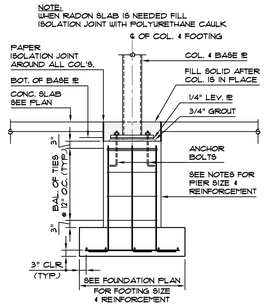
RADON
TYPICAL SLAB ON GRADE DETAILS



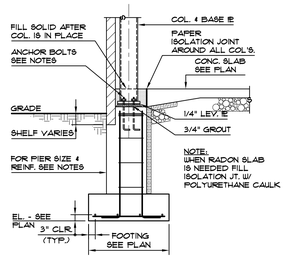
TYPICAL ISOLATION JOINT DETAILS



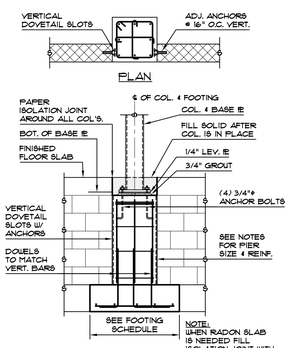
TYPICAL INTERIOR FOOTING



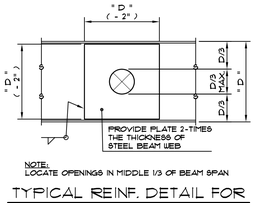
TYPICAL ISOLATED PIER & FOOTING DETAIL



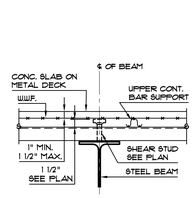
BRICK SHELF @ COLUMNS



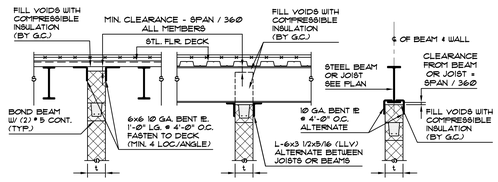
TYPICAL PIER & FOOTING DETAIL



TYPICAL REINF. DETAIL FOR OPENINGS IN STEEL BEAMS

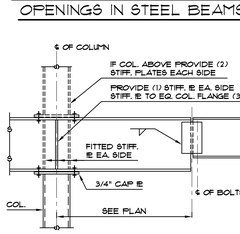


TYPICAL W.W.F. SUPPORT

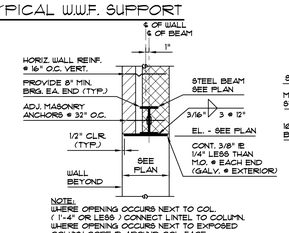


NOTE:
ALL STEEL (EXCEPT 10 GA. BENT ℄) SUPPLIED BY STEEL CONTRACTOR AND INSTALLED BY GENERAL CONTRACTOR. 10 GA. BENT ℄ SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR

TYPICAL MASONRY WALL UP TO STEEL DECK DETAILS



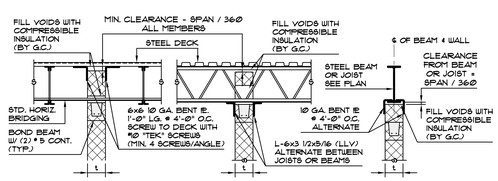
CANTILEVER BEAM CONNECTION



NOTE:
WHERE OPENING OCCURS NEXT TO COL. (1'-4" OR LESS) CONNECT LINTEL TO COLUMN. WHERE OPENING OCCURS NEXT TO EXPOSED COLUMN COPE ℄ AROUND COL. FACE.

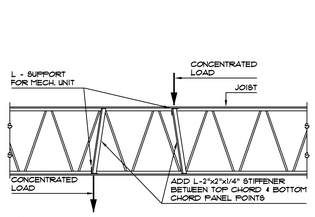
TYPICAL BEAM LINTEL DETAIL

DETAIL-"A"



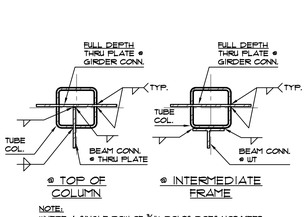
NOTE:
ALL STEEL (EXCEPT 10 GA. BENT ℄) SUPPLIED BY STEEL CONTRACTOR AND INSTALLED BY GENERAL CONTRACTOR. 10 GA. BENT ℄ SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR

TYPICAL MASONRY WALL UP TO STEEL DECK DETAILS



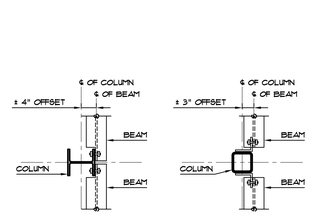
NOTE:
SUPPORTING LOAD AT CONDENSERS, MECHANICAL UNITS AND ALL CONCENTRATED LOADS GREATER THAN 300 lbs. OMIT IF LOAD IS WITHIN 3" OF A PANEL POINT.

TYPICAL DETAIL OF REINF'D. JOIST



NOTE:
WHERE A SINGLE ROW OF 3/4"ø BOLTS DOES NOT MEET THE CONNECTION REQUIREMENTS STATED IN THE GENERAL NOTES PROVIDE A FULL DEPTH SINGLE ROW OF 1"ø BOLTS BEFORE USING A DOUBLE ROW OF BOLTS

TYPICAL THRU PLATE DETAIL
(@ TUBE COLUMN)



NOTE:
BOLT BEAM WEBS TO COLUMN FLANGES

TYPICAL BEAM OFFSET CONNECTIONS

NOTES:
UNLESS OTHERWISE SPECIFIED ON DRAWINGS PROVIDE & INSTALL LINTELS FOR ALL SQUARE HEAD MASONRY OPENINGS IN ALL MASONRY WALLS IN ACCORDANCE WITH THE FOLLOWING SCHEDULES & COMMENTS.

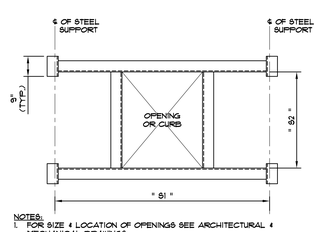
LOOSE LINTEL SCHEDULE
(FOR 4", 8", 12", & 16" WALLS)

MASONRY OPENING	LINTEL SIZE	REMARKS
UP TO 4'-0"	L - 3 1/2" x 3 1/2" x 1/4"	
4'-1" TO 6'-0"	L - 5" x 3 1/2" x 5/16"	
6'-1" TO 8'-0"	L - 6" x 3 1/2" x 5/16"	
OVER 8'-0"	W 8 x 18 + ℄	

LOOSE LINTEL SCHEDULE
(FOR 6" WALLS)

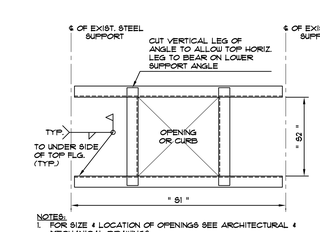
MASONRY OPENING	LINTEL SIZE	REMARKS
2'-0" TO 6'-0"	WT 7 x 11	
6'-1" TO 8'-0"	WT 8 x 13	

NOTES:
1. PROVIDE ONE (1) ANGLE FOR EACH 4" OF MASONRY WIDTH.
2. BEAR LINTELS 6" MINIMUM EACH SIDE OF OPENING.
3. ALL LINTELS IN EXTERIOR WALLS TO BE GALVANIZED.
4. WHERE OPENINGS LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL, CONNECTION NOT TO PROTRUDE INTO OPENING.
5. CONSULT ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR OPENING SIZE & LOCATION.



NOTES:
1. FOR SIZE & LOCATION OF OPENINGS SEE ARCHITECTURAL & MECHANICAL DRAWINGS.
2. STEEL CONTRACTOR SHALL VERIFY ALL OPENINGS AND EXACT LOCATIONS WITH THE TRADE CONTRACTOR REQUIRING SAID OPENINGS PRIOR TO FABRICATION & ERECTION OF STEEL FRAMES.
3. PROVIDE STEEL FRAMES AS SHOWN AROUND ALL REQUIRED OPENINGS LARGER THAN 8" AT ROOF.
4. PROVIDE STEEL ANGLES ON ALL SIDES OF OPENINGS UNLESS BEAM IS SHOWN ON PLAN. ANGLE SIZES TO BE:
FOR "S11" OR "S12" ≤ 6'-6" L-4"x4"x5/16"
FOR "S11" OR "S12" > 6'-6" L-6"x6"x3/8"
5. PROVIDE STEEL ANGLES ON ALL SIDES OF MECH'L CURBS UNLESS BEAM IS SHOWN ON PLAN. ANGLE SIZES TO BE L-6"x6"x3/8".
6. FOR SIZE & LOCATION OF MECH'L UNITS, SEE ARCH'L & MECH'L DWGS.

TYPICAL DETAIL @ ROOF OPENING & UNDER MECH'L CURB



NOTES:
1. FOR SIZE & LOCATION OF OPENINGS SEE ARCHITECTURAL & MECHANICAL DRAWINGS.
2. STEEL CONTRACTOR SHALL VERIFY ALL OPENINGS AND EXACT LOCATIONS WITH THE TRADE CONTRACTOR REQUIRING SAID OPENINGS PRIOR TO FABRICATION & ERECTION OF STEEL FRAMES.
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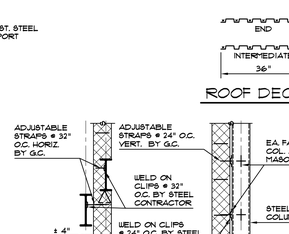
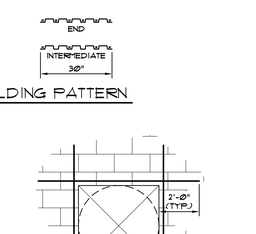
FOR "S11" OR "S12" > 6'-6" L-6"x6"x3/8"
5. PROVIDE STEEL ANGLES ON ALL SIDES OF MECH'L CURBS UNLESS BEAM IS SHOWN ON PLAN. ANGLE SIZES TO BE L-6"x6"x3/8".
6. FOR SIZE & LOCATION OF MECH'L UNITS, SEE ARCH'L & MECH'L DWGS.

TYPICAL OPNG. DETAIL @ EXIST'G. ROOF & UNDER MECH'L CURB

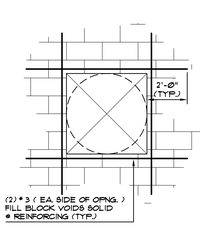


NOTES:
1. PROVIDE WELD ON ADJUSTABLE MASONRY ANCHORS ON ALL BEAMS & COLUMNS ABUTTING MASONRY WALLS.
2. USE HOHMANN&BARNARD (OR APPROVED EQUAL) # 3211J OR "VBT ADJUSTABLE STRAPS BY G.C. # 3.59 WELD ON CLIPS BY STEEL CONTR. USE #39.99FP W/ BACKPLATE + FIREPROOFED AREAS.
3. ANCHORS TO BE KEPT IN BLOCK COURSING.
4. STEEL CONTRACTOR SHALL COORDINATE LOCATION WITH ARCH'L DRAWINGS PRIOR TO FABRICATION.
5. OMIT MASONRY ANCHORS @ ALL FIRE WALLS.

TYPICAL MASONRY ANCHORS



ROOF DECK WELDING PATTERN



(2) # 3 / EA. SIDE OF OPNG.)
FILL BLOCK VOIDS SOLID @ REINFORCING (TYP.)

TYPICAL REINFORCING @ OPENINGS IN MASONRY WALLS

ROOF LOADING SCHEDULE

DEAD LOAD:

ROOFING	6.0	P.S.F.
INSULATION	2.0	P.S.F.
METAL ROOF DECK	2.0	P.S.F.
STEEL JOISTS	3.0	P.S.F.
STRUCTURAL STEEL	4.0	P.S.F.
MECH'L, ELEC.	2.0	P.S.F.
CEILING	1.0	P.S.F.
	20.0	P.S.F.

LIVE LOAD:

DESIGN LOAD	30.0	P.S.F.
GROUND SNOW LOAD (Pg)	30.0	P.S.F.
Ce = 1.0, I = 1.1, Ct = 1.0 Pf = 0.7 x Ce x I x Ct x Pg =	23.1	P.S.F.
DRIFT LOADING TO	83.94	P.S.F.
DRIFT LENGTH	13.59 FEET	

FLOOR LOADING SCHEDULE

DEAD LOAD:

4 1/2" CONCRETE SLAB	44.0	P.S.F.
METAL FLOOR DECK	3.0	P.S.F.
STRUCTURAL STEEL	8.0	P.S.F.
MECH'L, ELEC.	3.0	P.S.F.
MISC.	7.0	P.S.F.
	60.0	P.S.F.

LIVE LOAD:

CLASSROOMS	40.0	P.S.F.
OFFICES	50.0	P.S.F.
PARTITIONS	20.0	P.S.F.
CORRIDORS	80.0	P.S.F.
2ND FLOOR DESIGN LOAD	80.0	P.S.F.
1ST FLOOR DESIGN LOAD	100.0	P.S.F.
STAIRS	100.0	P.S.F.

LATERAL LOADING SCHEDULE

WIND LOAD: IBC 2021 - ASCE 7-16

BASIC WIND SPEED = 125 M.P.H.
RISK CATEGORY = III , EXPOSURE B
INTERNAL PRESSURE COEFF. GCpi = ± 0.18
COMPONENT & CLADDING
ROOF - 10 SF = - 59.1 PSF
WALLS - 10 SF = + 25.7, - 34.3

SEISMIC LOADING: IBC 2021 - ASCE 7-16

SEISMIC RISK CATEGORY - III
IMPORTANCE FACTOR (Ie) = 1.25
Ss = 0.231 S1 = 0.093
SITE CLASS = D
Sds = 0.246 Sd1 = 0.085
SEISMIC DESIGN CATEGORY - B
BUILDING FRAME SYSTEM W/ ORDINARY REINFORCED MASONRY SHEAR WALLS
BASE SHEAR = 28.71
SEISMIC RESPONSE COEFFICIENT (Cs) = 0.153
RESPONSE MODIFICATION FACTOR (R) = 2
EQ. LAT. FORCE PROC.

GENERAL NOTES

FOUNDATION

1. All footings shall bear on soil having a minimum safe bearing capacity of 1.5 tons per square foot. Confirm in field prior to placing footings.
2. Elevations given correspond to the computed bottom of footings and are minimum depths which are not to be construed as limiting in any way the depth required to reach good bearing.
3. No footings shall be placed in water or on frozen ground.
4. No fill or backfill shall be placed over or against work at such time or in such a manner which would endanger the stability or otherwise damage such work.
5. See soils report dated May 2025 by Ingram Engineering Services, Inc. for requirements concerning preparation of soil for foundations.

CAST-IN-PLACE CONCRETE

1. All concrete work shall conform to the latest edition of the ACI Building Code.
2. All concrete, except slabs on grade, shall attain 3000 PSI compressive strength at 28 days. All concrete for slabs on grade shall attain 3500 PSI compressive strength at 28 days.

REINFORCING

1. All reinforcing bar details shall conform to the latest ACI code and detailing manual.
2. All bars shall be ASTM A-615, Grade 60.
3. Welded wire fabric shall be ASTM A-185.
4. Clearance of main reinforcing from adjacent surfaces unless shown otherwise shall be:
   A. Unformed surfaces in contact with ground or exposed to the weather: 3"
   B. Bottom surfaces of slabs on grade: 3"
   C. Formed surfaces in contact with ground or exposed to weather:
      1. #5 bars or smaller: 1-1/2"
      2. Bars larger than #5: 2"
   D. Exterior wall surfaces: 2"
   E. In all cases not less than the diameter of the bar.
5. All reinforcement shall be inspected and approved before concrete is poured.
6. Tolerances for placing reinforcing shall be:
   A. +or- 1/4 inch for members with an effective depth of 24 inches or less.
   B. +or- 1/2 inch for members with an effective depth of more than 24 inches.
7. Where continuous bars are called for, they shall be run continuously around corners and lapped at necessary splices or hooked at discontinuous ends. Laps shall be 40 bar diameters. Bar laps may be offset to avoid control or construction joints.
8. Electrical Contractor to provide grounding electrode system as required by NEC section 250-52(a). Coordinate location and schedule with General Contractor.

UNDERPINNING NOTES

1. Existing wall to be underpinned the entire length as shown on the drawings in 3'-0 maximum sections. Decrease length of sections if pieces of existing foundation wall become loose.
2. Existing columns and piers adjacent to existing walls to be underpinned prior to underpinning any walls.
3. The procedure for underpinning the existing columns and piers are as follows. Divide column or pier footing into three equal sections across the width of the footing. Underpin the existing column or pair footings in the following sequence:
   a. the outer right section,
   b. the outer left section,
   c. the center section.
   Place concrete beneath each section of footing as specified in 5.
4. Underpin walls in alternating sequence, skipping two 3 foot sections between each underpinned section.
5. Place underpinning concrete in each pit to an elevation of 3 inches below bottom of existing foundations. Allow concrete to set for 24 hours and then "dry pack" the remaining 3 inches. Dry pack mix to be 1 part cement, 2 1/2 parts sand, and 1/10 parts water.
6. Contractor is responsible to shore the existing structure and soil excavation as necessary during construction.
7. Procedure for underpinning chimneys is same as for columns and piers.

STRUCTURAL STEEL

1. All structural steel details shall be designed in accordance with the latest issue of the American Institute of Steel Construction (AISC), "Specification for Structural Steel Buildings - Allowable Stress Design and Plastic Design".
2. Connections shall be designed to develop the full strength of the member over the required span, 1 1/2 times for composite members.
3. Provide double angle connections at all beam to wide flange column and beam to beam connections whenever possible. The steel fabricator must notify the Structural Engineer if there are to be any changes. See Typical Thru-Fl Detail for beam to tube column connections.
4. Field connections shall be made by high strength bolts 3/4" minimum in diameter or welded as shown on drawings.
5. All pipe shapes shall be ASTM A53, Grade B, Fy= 35 KSI.
6. All tubes shapes shall be ASTM A500, Grade B, FY=46 KSI.
7. All structural wide flange shapes to be ASTM A-992/A572, Grade 50.
8. All steel plates, angles, channels are to be ASTM A-36 unless indicated otherwise.

STEEL JOISTS

1. All standard bar joists, materials, and workmanship shall conform to the latest edition of the S.J.I. "Standard Specifications for Open-web Joists, K Series" or "Standard Specifications for Longspan Steel Joist, LH-Series and Deep Longspan Steel Joists, DLH-Series."
2. Do not load joists until bridging is installed.

STEEL ROOF DECK

1. Deck shall be 20 gage galvanized 1.5" wide rib variety (Type B) continuous over at least 3 spans.
2. Deck to be installed as per manufacturer's recommendations.

STEEL FLOOR DECK

1. Deck shall be galvanized equal to 2" Lok-2 Floor by Roof Deck, Inc. or P-3623 by Canam Steel with respect to load carrying capacity, deflection, slab weight and U.L. label. Submit data to Structural Engineer.
2. Deck installation to be in strict accordance with manufacturer's recommendations.
3. Installation to be 3 span continuous.
4. All beams to have puddle welds at 12" o.c. (max).
5. Floor construction is unshored composite design. The steel will deflect under the weight of the concrete placed. The general contractor is to pour sufficient concrete, over and above the specified depth, to provide a level floor.

MASONRY REQUIREMENTS

1. All block work shall be in accordance with IBC2021 w/ NJ Modification and other applicable codes.
2. All block shall be lightweight aggregate and conform to ASTM C 90.
3. Mortar shall be ASTM C 270, Type M for below grade and Type M or S for above grade work.
4. Where block fill is called for on drawings, use Type M mortar or concrete with a compressive strength of 2500 PSI in accordance with ASTM C 476, and installed in accordance with ACI-531 for high or low lift procedures.
5. All masonry walls are to have a #4 vertical reinforcing bars at ends, at intersections at corners and at a maximum spacing of 10'-0" bars on centers. These reinforcing bars are to be full height and grouted solid. These bars may be spliced provided that a 40 bar diameter lap is maintained.
6. All openings are to have two #3 vertical reinforcing bars within 16 inches of each side and 2 bond beam top and bottom with two #3 bars (unless noted otherwise on plan). All reinforcing is to extend past the opening a minimum of 24 inches.
7. All masonry walls are to have a bond beam with two #4 bars within 16 inches of the top of the wall.
8. All running bond masonry walls are to have horizontal reinforcing at every other course. Where masonry is laid in other than running bond, horizontal joint reinforcement is to be provided at every horizontal joint. The horizontal wall reinforcing shall be No. 9 gage "Dur-o-wall" or equivalent. Provide fabricated corner sections at all corners.
9. All wall bearing beams are to have the masonry wall grouted solid a minimum of 8 inches each side of bearing location and two #4 vertical reinforcing bars full height at each grouted cell (maximum of two bars).
10. Coordinate masonry with all trades requiring items to be built-in.

MISCELLANEOUS

1. Contractor shall verify all dimensions, sections and elevations on the job.
2. Consult the Architectural, Mechanical and Electrical drawings for verification of location and dimensions of chases, inserts, openings, sleeves, washes, drips, reveals, depressions, equipment pads and other product requirements.
3. All walls shall be braced during construction until permanently restrained.
4. Reproductions of contract documents are not acceptable as shop drawings and will be rejected.
5. Contractor is responsible to shore the existing building as necessary during construction while new structural elements are being installed.

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MARK W. GAFFNEY N.J.P.E. #24GE04284100 DATE

NJDCA Electronic Release Stamp

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No.	Date	Description
1	10/10/25	NJ DCA SUBMISSION

Project Name
Addition and Renovations to Community Park Elementary School

Project Owner Name
Princeton Public Schools

Project Location
372 Witherspoon St, Princeton, NJ 08542

Project Number
5516C

Project Date
10.10.2025

Checked By
DMH

Drawn By
JDH

Scale
AS NOTED

Drawing Name
TYPICAL DETAILS & GENERAL NOTES

Revisions

No.	Date	Description
1	10.10.25	NJ DCA SUBMISSION
	12.15.25	ISSUED FOR BID

Drawing Number
S401

Drawing name: \\3215-SERVER\3215-Server Jobs_2025\25117 - Princeton Comm Park Elem - FVHD\Princ Comm Park Elem New Structural Planning
Date: Dec 22, 2025 - 4:45pm