MODERNIZATION
LAKEWOOD ELEMENTARY SCHOOL
1100 N. HAM LANE
LODI, CA 95242

LIMITED PROJECT SCOPE DESCRIPTION

THE PROJECT SCOPE INTENDED TO BE DESCRIBED IN THESE DRAWINGS INCLUDES:

1. MODERNIZATION OF 5-CLASSROOMS, TEACHERS WORK ROOM, MECHANICAL AND HALL AT BUILDING C.
2. MODERNIZATION OF 4-CLASSROOMS AT BUILDING D.
3. MODERNIZATION OF BUILDING E.

ABBREVIATIONS

&	And	E.	East	K.P.	Kickplate	S.	South
L	Angle	(E)/EXST.	Existing	KIT.	Kitchen	S.D.	Soap Dispenser
@	At	EA.	Each				
℄	Centerline	E.J.	Expansion Joint	LAM.	Laminate	SECT.	Section
Ø	Diameter	EL.	Elevation	LAV.	Lavatory	SHR.	Shower
⊥	Perpendicular	ELEC.	Electrical	LKR.	Locker	SHT.	Sheet
#	Pound or Number	EMER.	Emergency	LT.WT.	Light Weight	SHTG.	Sheeting
℄	Plate	ENCL.	Enclosure	L.V.	Louver Vent	SIM.	Similar
		EQ.	Equal			S.M.	Sheet Metal
A.C.	Asphalt Concrete	EQPT.	Equipment	MAX.	Maximum	S.M.S.	Sheet Metal Screw
ACOUS.	Acoustical	E.W.C.	Electric Water Cooler	M.B.	Machine Bolt	S.N.D.	Sanitary Napkin Dispenser
A.D.	Area Drain	EXP.	Expansion	MAT'L.	Material	S.N.R.	Sanitary Napkin Receptacle
ADJ.	Adjustable	EXT.	Exterior	MECH.	Mechanical	SPEC.	Specification
A.F.F.	Above Finished Floor			MEMB.	Membrane	SQ.	Square
AGGR.	Aggregate	F.A.	Fire Alarm	MEZZ.	Mezzanine	S.R.V.	Semi Rigid Vinyl
ALUM./AL.	Aluminum	F.B.	Fiberboard	MFR.	Manufacturer	S.SK.	Service Sink
ARCH.	Architectural	F.D.	Floor Drain	MH.	Manhole	SST	Stainless Steel
ASPH.	Asphalt	FDN.	Foundation	MIN.	Minimum	ST.	Street
AUTO.	Automatic	F.E.	Fire Extinguisher	MIR.	Mirror	STD.	Standard
A.V.	Auto Visual	F.F.E.	Finish Floor Elevation	MISC.	Miscellaneous	STL.	Steel
		F.H.M.B.	Flat Head Machine Bolt	MTD.	Mounted	STOR.	Storage
B	Bolt	F.H.M.S.	Flat Head Machine Screw	MET.	Metal	STRL.	Structural
BD.	Board	FIN.	Finish			SUSP.	Suspended
BLDG.	Building	FL.	Floor	(N)	New	SYM.	Symmetrical
BLK.	Block	F.L.	Fusible Link	N.	North	SHT.VNL.	Sheet Vinyl
BLKG.	Blocking	FLASH'G	Flashing	N.I.C.	Not in Contract		
BM.	Beam	F.O.C.	Face of Concrete/Curb	NO./#	Number	T.	Toilet
BOT.	Bottom	F.O.F.	Face of Finish	NOM.	Nominal	TB.	Tackboard
B.S.	Both Sides	F.O.S.	Face of Studs	N.T.S.	Not to Scale	T.B.	Towel Bar
		F.R.P.	Fiberglass Reinforced Plastic			T.&G.	Tongue & Groove
CAB.	Cabinet	F.S.	Full Size	O/	Over	TEL.	Telephone
C.B.	Catch Basin	FT.	Foot/Feet	O.A.	Overall	THK.	Thick
CB.	Chalkboard	FTG.	Footing	OBS.	Obscure	THRES.	Threshold
CEM.	Cement	FURR.	Furring	O.C.	On Center	THRU.	Through
CER.	Ceramic	FUT.	Future	O.D.	Outside Diameter	T.O.C.	Top of Curb
C.G.	Corner Guard			O.H.	Opposite Hand	T.O.P.	Top of Pavement
C.I.	Cast Iron	GA.	Gauge	OFF.	Office	T.O.W.	Top of Wall
C.J.	Construction Join/Control Joint	GALV.	Galvanized			T.P.D.	Toilet Paper Dispenser
C.L.	Chain Link	G.B.	Grab Bar	PRCST.	Precast	TYP.	Typical
CLG.	Ceiling	GL.	Glass/Glazing	PERF.	Perforated		
CLKG.	Calking	GND.	Ground	P.LAM.	Plastic Laminate	U.O.N.	Unless Otherwise Noted
CLR.	Clear	GR.	Grade	PLAS.	Plaster	UR.	Urinal
C.M.P.	Corrugated Metal Pipe	GYP.	Gypsum	PLYWD.	Plywood		
C.M.U.	Concrete Masonry Unit	G.I.	Galvanized Iron	P.M.	Pressed Metal	V.C.T.	Vinyl Composition Tile
CNTR.	Counter	G.S.M.	Galvanized Sheet Metal	P.M.F.	Pressed Metal Frame	VERT.	Vertical
COL.	Column	GYP.	Gypsum	PR.	Pair	V.F.	Vinyl Fabric
CONC.	Concrete	GYP.BD.	Gypsum Board	P.O.T.	Path of Travel		
CONN.	Connection			PRE-FAB	Prefabricated	W.	West W/ With
CONSTR.	Construction	HDR.	Header	PROJ.	Project	W.C.	Water Closet
CONT.	Continuous	HDWD.	Hardwood	P.T.D.	Paper Towel Dispenser	WD.	Wood
CORR.	Corridor	HDW.	Hardware	P.T.D./R.	Paper Towel Dispenser Receptacle	W.H.	Water Heater
		HOR.	Horizontal	PTN.	Partition	W/O	Without
d	Pennyweight (Nails)	H.B.	Hose Bib	P.T.R.	Paper Towel Receptacle	WSCT.	Wainscot
D.G.	Disabled Accessible	HR.	Hour (Fire Rating)			W.W.M.	Welded Wire Mesh
DBL.	Double	HGT.	Height	R.	Riser	WDW.	Window
DET.	Detail			RAD.	Radius	WT.	Weight
D.F.	Drinking Fountain	I.D.	Inside Diameter	R.B.	Rubber Base		
D.I.	Drain Inlet	IN.	Inch	R.D.	Roof Drain	YD.	Yard
DIA.	Diameter	INFO.	Information	R.E.	Rim Elevation		
DIM.	Dimension	INSUL.	Insulation	REFR.	Refrigerator		
DIM.PT.	Dimension Point	INT.	Interior	RGTR.	Register		
DN.	Down			REINF.	Reinforced		
DP.	Deep	JAN.	Janitor	REQ.	Required		
D.P.	Damp Proofing	JST.	Joist	RET.	Return		
DR.	Door	JT.	Joint	RM.	Room		
D.S.	Downspout			R.O.	Rough Opening		
DWG.	Drawing			RWD.	Redwood		
				R.W.L.	Rain Water Leader		
				R.H.W.S.	Round Head Wood Screw		

SYMBOL LEGEND

SHEET NUMBERING SYSTEM
A2.6.A — Discipline Designation; Drawing Type Designation; Sheet Number; Building Designation

ROOM NAME and NUMBER REFERENCE
WOMEN / A103 — Room Name; Room Number; Building Unit

KEYNOTE REFERENCE
2200.A7.05

SHEET NOTE REFERENCE
SN.01

DETAIL REFERENCE
X / AXXX — Detail Number; Sheet Number

BUILDING SECTION REFERENCE
X / AXXX — Section Number; Sheet Number

STOREFRONT, WINDOW OR LOUVER REFERENCE
EA X — Windows Covering Reference; H=HORIZONTAL BLINDS; V=VERTICAL BLINDS; D=DARKENING DRAPES

DOOR REFERENCE
A101

CEILING TYPE REFERENCE
C2

WALL TYPE REFERENCE
C2

EXTERIOR FINISH REFERENCE
A

PAINT COLOR REFERENCE
PC1 (Architect to provide color selection)

STRUCTURAL GRID INDICATOR (Center of Framing)
A

STRUCTURAL GRID INDICATOR (Face of Framing)
3

MATCH LINE

CENTERLINE

PROPERTYLINE

WORK POINT, CONTROL POINT OR DATUM

INTERIOR ELEVATION REFERENCE
4.5 / 1 / 1.5 / 4 / 2 / A5.1.A / 3.5 / 3 / 2.5 — INTERIOR ELEVATION; DETAIL NUMBER; SHEET NUMBER

WINDOW (PLAN VIEW)

REVISION
Revision Number

RADIUS
R=92'-4" (1) — Radius Point Number; Radius Dimension

CASEWORK REFERENCE
221A L — Indicates all drawers and doors to have locks installed

METAL SHELVING REFERENCE
MS1

LABORATORY CASEWORK REFERENCE
39

MUSIC CASEWORK REFERENCE
39

ACOUSITICAL PANEL REFERENCE
AP1

SIGN REFERENCE
S2

MATERIAL LEGEND

EARTH
GRAVEL/AGGREGATE BASE
SAND OR PLASTER
CONCRETE
BLOCKING
FRAMING (CONTINUOUS)
PLYWOOD
WOOD TRIM
STEEL
TILE
BATT INSULATION
BRICK
GYPSUM BOARD
FIRTEX

APPLICABLE CODES

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
TITLE 24 CCR, PART 1 - 2022 BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24 CCR, PART 2 - 2019 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC)
TITLE 24 CCR, PART 3 - 2019 CALIFORNIA ELECTRICAL CODE (CEC)
TITLE 24 CCR, PART 4 - 2019 CALIFORNIA MECHANICAL CODE (CMC)
TITLE 24 CCR, PART 5 - 2019 CALIFORNIA PLUMBING CODE (CPC)
TITLE 24 CCR, PART 6 - 2019 CALIFORNIA ENERGY CODE (CEC)
TITLE 24 CCR, PART 9 - 2019 CALIFORNIA FIRE CODE (CFC)
TITLE 24 CCR, PART 11 - 2019 CALIFORNIA GREEN BUILDING STDS CODE
TITLE 24 CCR, PART 12 - 2019 CALIFORNIA REFERENCED STANDARDS
2016 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
2016 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2017 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS
2017 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS
2016 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2016 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS
2016 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED)
2016 NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVE
2015 NFPA 720, INSTALLATION OF CARBON MONOXIDE DETECTION AND WARNING EQUIPMENT
2015 NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS

CONTRACTOR SHALL KEEP A COPY OF TITLE 24, PARTS 1-5 ON THE SITE AT ALL TIMES.
TITLE 24, PART 1, SECTION 4.317(c):

"THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS A CONSTRUCTION CHANGE DOCUMENT, OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH REPAIR WORK."

NOTES:

1. ALL NEW WORK SHALL CONFORM TO THE 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS.
2. CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN APPROVED SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT AS REQUIRED IN SECTION 4-338, PART 1, CAC, AND SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. ALL CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATIONS IA A-6. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24, AND NO WORK SHALL COMMENCE UNTIL APPROVED BY DSA.
3. A DSA 'CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-343, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
4. A DSA CERTIFIED INSPECTOR WITH CLASS 3 IS REQUIRED FOR THIS PROJECT (IR A-7)
5. AN LEA TESTING LABORATORY DIRECTLY EMPLOYED BY THE OWNER SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
6. GRADING PLANS, DRAINAGE IMPROVEMENT, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
7. ADDENDA SHALL BE APPROVED BY DSA.

PROJECT TEAM

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SEE "LIMITED PROJECT SCOPE DESCRIPTION" ABOVE

PROJECT DESCRIPTION

1. PAINTING OF CLASSROOMS & REPLACEMENT OF FLOORING AT BUILDING A, B, C, D AND E.
2. MODERNIZATION OF TOILET ROOMS AT BUILDINGS A, B, C, AND E.
3. D.A. PATH OF TRAVEL WALKWAY REPLACEMENT THROUGHOUT CAMPUS.
4. RECONFIGURATION AND EXPANSION OF EXISTING PARKING LOT.
5. OVERLAY, SEALING AND RESTRIPING OF HARDCOURTS.
6. CONSTRUCTION OF NEW BUS TURNOUT/DROP-OFF.

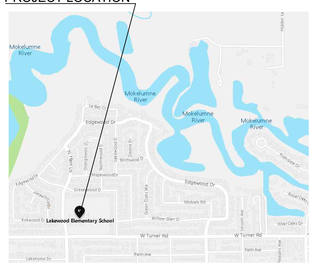
DEFERRED APPROVALS

1. (NONE)

VICINITY MAP

LAKEWOOD ELEMENTARY SCHOOL
1100 N. HAM LANE, LODI, CA 95242

PROJECT LOCATION



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CS COVER SHEET

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A0.2 TYPICAL DETAILS
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C1.2 PARTIAL DEMOLITION PLAN
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L1.2 TREE PLANTING PLAN
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L5.1 WATER EFFICIENCY CHARTS

■ DRAWING SET CONTAINS 96 SHEETS ■

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

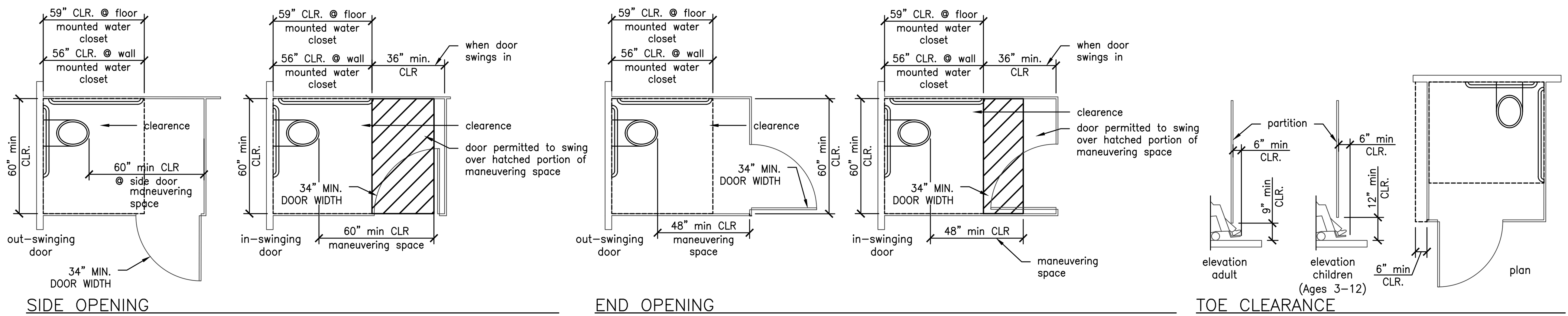
MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

COVER SHEET

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY	
DATE 3/28/2022			
DRAWN MS			
CHECKED JCBS			
SCALE N.T.S.			
CADFILE			
UPDATED 11/17/2022			

SHEET NO.
CS



ACCESSIBLE TOILET STALL

GENERAL NOTES

1. ALL DISABLED ACCESSIBLE DIMENSIONS ARE MAXIMUM DIMENSIONS U.O.N.
2. MOUNTING HEIGHTS SHOWN FOR ELEMENTARY SCHOOL AND STAFF APPLY TO THIS PROJECT.
3. DISABLED ACCESSIBLE DIMENSIONS MUST BE USED FIRST PRIOR TO STANDARD DIMENSIONS.

SHEET NOTES

SN.01 NOT USED

SN.02 AT ACCESSIBLE WATER CLOSETS, FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE ENCLOSURE.

KEYNOTES

1000 SPECIALTIES

1000.A4 SIGNS
- .3 ROOM IDENTIFICATION SIGN
- .4 RESTROOM IDENTIFICATION SIGN
- .5 TACTILE EXIT SIGN

1000.A5 TOILET PARTITION

1000.A7 TOILET ACCESSORIES
- .1 PAPER TOWEL DISPENSER
- .2 TOILET PAPER DISPENSER
- .3 SANITARY NAPKIN DISPENSER
- .4 SOAP DISPENSER
- .5 MIRROR
- .6 SANITARY NAPKIN RECEPTACLE
- .7 GRAB BAR
- .8 SHELF
- .9 MOP RACK
- .10 BABY CHANGING STATION
- .11 TOILET SEAT COVER DISPENSER
- .12 WASTE RECEPTACLE - RECESSED
- .13 WASTER RECEPTACLE - FREE STANDING

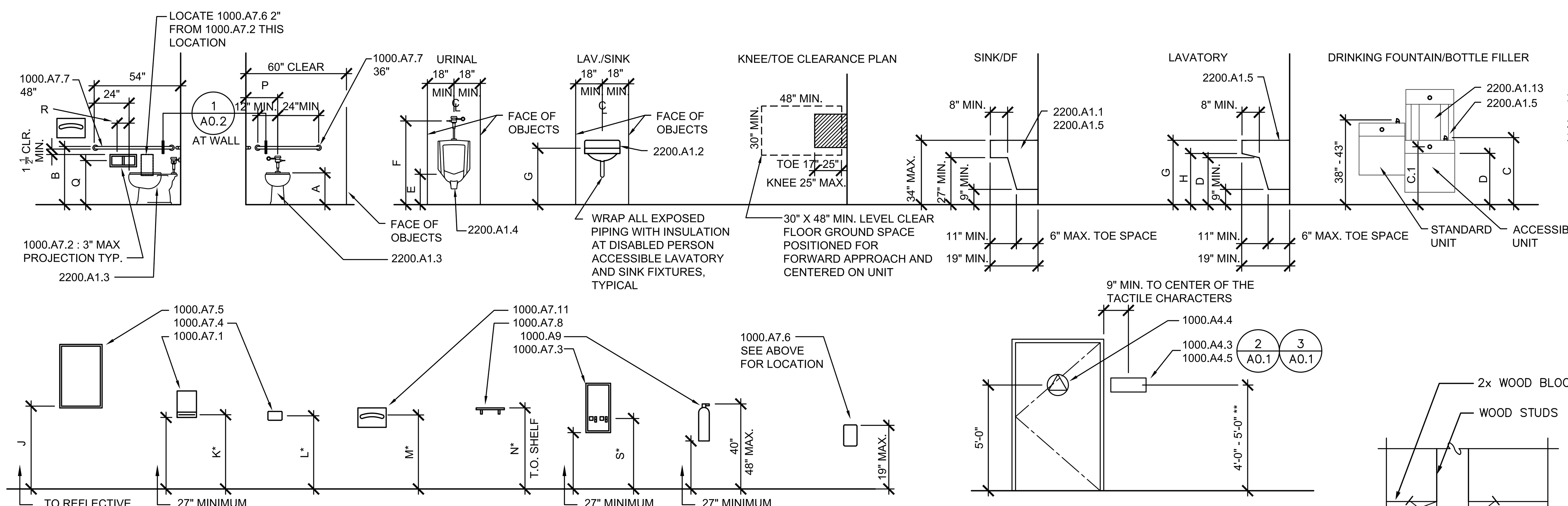
1000.A9 FIRE EXTINGUISHER

2200 PLUMBING

2200.A1 PLUMBING EQUIPMENT
- .1 SINK
- .2 LAVATORY
- .3 TOILET
- .4 URINAL
- .5 DRINKING FOUNTAIN
- .13 BOTTLE FILLER

MOUNTING HEIGHTS / DIMENSION

DIM	KEYNOTE	ELEMENTARY SCHOOL						MIDDLE SCHOOL / JUNIOR HIGH		HIGH SCHOOL / COLLEGE/STAFF	
		AGES 3-4, NURSERY TO PRE-K		AGES 5-8, KINDERGARTEN TO GRADE 2		AGES 9-12, GRADE 3 TO GRADE 6					
		STD	DA	STD	DA	STD	DA	STD	DA	STD	DA
A	2200.A1.3 (TOP OF SEAT)	12"	11"-12"	14"	12"-15"	14"	15"-17"	15"	17"-19"	15"	18"
B	1000.A7.7 (TOP OF GRAB BAR)	N/A	18"-20"	N/A	20"-25"	N/A	25"-27"	N/A	33"-36"	N/A	33"-36"
C	2200.A1.5 (DF BUBBLER HEIGHT)	30"	30" MAX.	32"	32" MAX.	32"-33"	32"	38"-43"	36" MAX.	38"-43"	36" MAX.
C.1	2200.A1.13 (BOTTLE FILLER BUTTON)	48"	48" MAX.	48"	48" MAX.	48"	48"MAX.	48"	48" MAX.	48"	48" MAX.
D	2200.A1.5 (DF KNEE CLEARANCE)	27"	24" MIN.	27"	24" MIN.	31"	24" MIN.	31"	27" MIN.	31"	27" MIN.
E	2200.A1.4 (URINAL RIM HEIGHT)	13"	13" MAX.	17"	15" MAX.	24"	17" MAX.	24"	17" MAX.	24"	17" MAX.
F	2200.A1.4 (URINAL FLUSH HANDLE HEIGHT)	36"	32" MAX.	39"	36" MAX.	51"	44" MAX.	51"	44" MAX.	51"	44" MAX.
G	2200.A1.2 (LAV. RIM HEIGHT)	31"	31' MAX.	31"	31" MAX.	31"	34" MAX.	34"	34" MAX.	34"	34" MAX.
H	2200.A1.2 (LAV. KNEE CLEARANCE HEIGHT)	24"	24" MIN.	24"	24" MIN.	24"	24" MIN.	27"	27" MIN.	27"	27" MIN.
J	1000.A7.5 (BOTTOM OF GLASS)	35"	32" MAX.	38"	35" MAX.	38"	38" MAX.	48"	40" MAX.	52"	40" MAX.*
K	1000.A7.1 (DISPENSER OPENING HEIGHT)	32"	32" MAX.	36"	36" MAX.	40"	40" MAX.	40"	40" MAX.	40"	40" MAX.
L	1000.A7.4 (DISPENSER HANDLE HEIGHT)	27"	32" MAX.	32"	36" MAX.	40"	40" MAX.	40"	40" MAX.	42"	40" MAX.
M	1000.A7.11 (DISPENSER OPENING HEIGHT)	27"	14" MAX.	40"	36" MAX.	42"	40" MAX.	42"	40" MAX.	42"	40" MAX.
N	1000.A7.8 (TOP OF SURFACE)	N/A	N/A	N/A	N/A	42"	40" MAX.	42"	40" MAX.	46"	40" MIN. 48" MAX.
P	2200.A1.3 (CENTERLINE TO FACE OF WALL)	12"	12"	15"	12"-15"	18"	15"-18"	22"	17"-18"	22"	17"-18"
Q	1000.A7.2 (DISPENSER OPENING HEIGHT)	14"	14" MAX.	15"	14"-17"	18"	17"-19"	18"	19" MIN.	22"	19" MIN.
R	1000.A7.2 (FRONT OF TOILET TO CENTERLINE)	7"	6"	7"	6"	12"	7"-9"	12"	7"-9"	12"	7"-9"
S	1000.A7.3 (OPERABLE HANDLE HEIGHT)	N/A	N/A	N/A	N/A	40"	40" MAX.	40"	40" MAX.	40"	40" MAX.

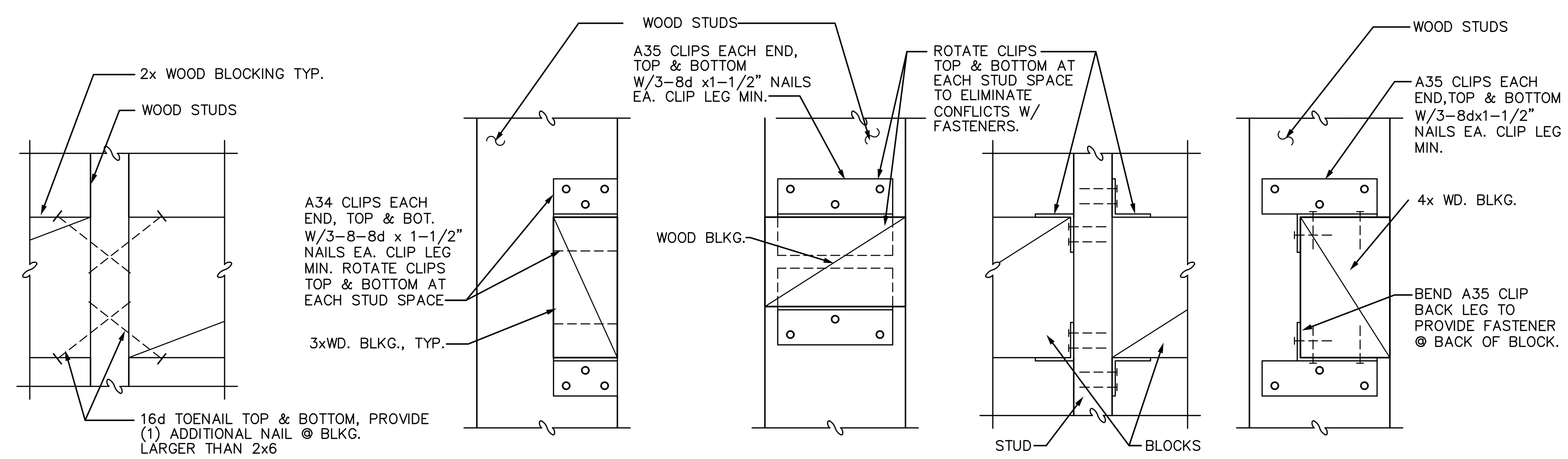


** TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MINIMUM ABOVE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS PER CBC 11B-703.4.1

NOTE: AT PAIRS OF DOORS WHERE OCCURS, ALWAYS LOCATE WALL MOUNTED SIGNS ON THE RIGHT SIDE OF THE DOOR OPENING. TYPICAL FOR BOTH THE PUSH AND PULL SIDES OF DOORS.

*REACH REQUIREMENTS:
1. Forward Reach: 11B-308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches above the finish floor or ground.
2. Forward Reach: 11B-308.2.2 Obstructed high reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not leass than the required reach depth over the obstruction. The high forward reach shall be 48" maximum wher the reach depth is 20 inches maximum. Where the reach depth exceeds the high forward reach shal be 44" maximum and the reach depth shall be 25 inches maximum
3. Side Reach: 11B308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground

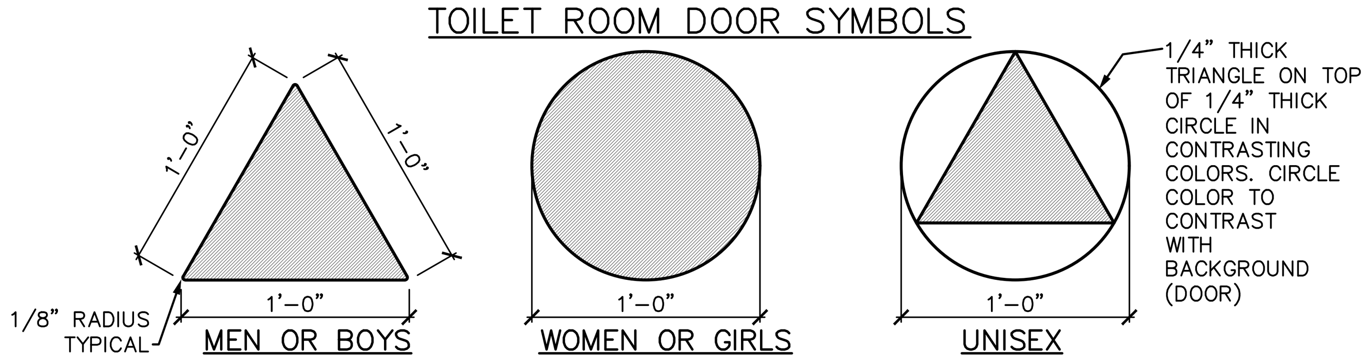
1 FIXTURE and ACCESSORY HEIGHTS/SIGNAGE MOUNTING
N.T.S.



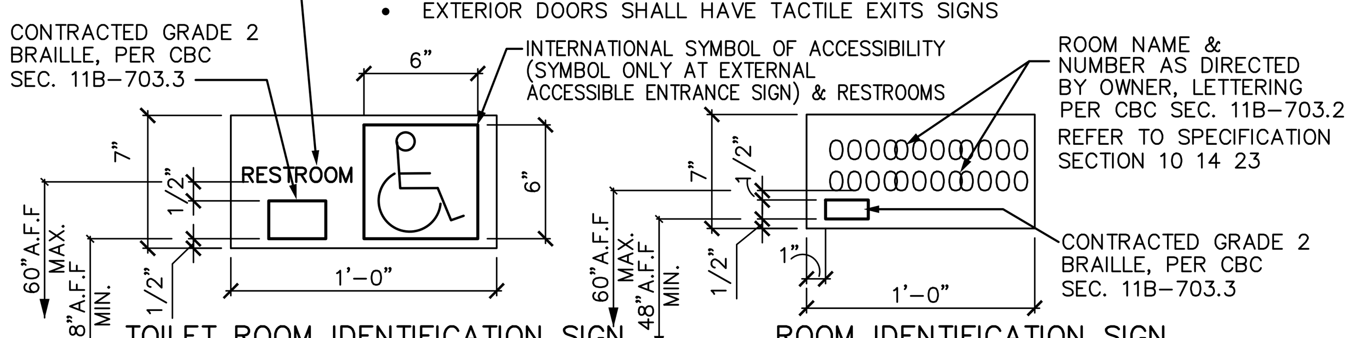
4 TYPICAL WOOD BLOCKING
3"=1'–0"

NOTE:
NOT ALL DETAILS AND INFORMATION PROVIDED ON THIS SHEET MAY PERTAIN TO THE LIMITED SCOPE OF THIS PROJECT. UTILIZE ONLY THOSE DETAILS THAT ARE APPLICABLE TO THIS PROJECT.

TOILET ROOM DOOR SYMBOLS

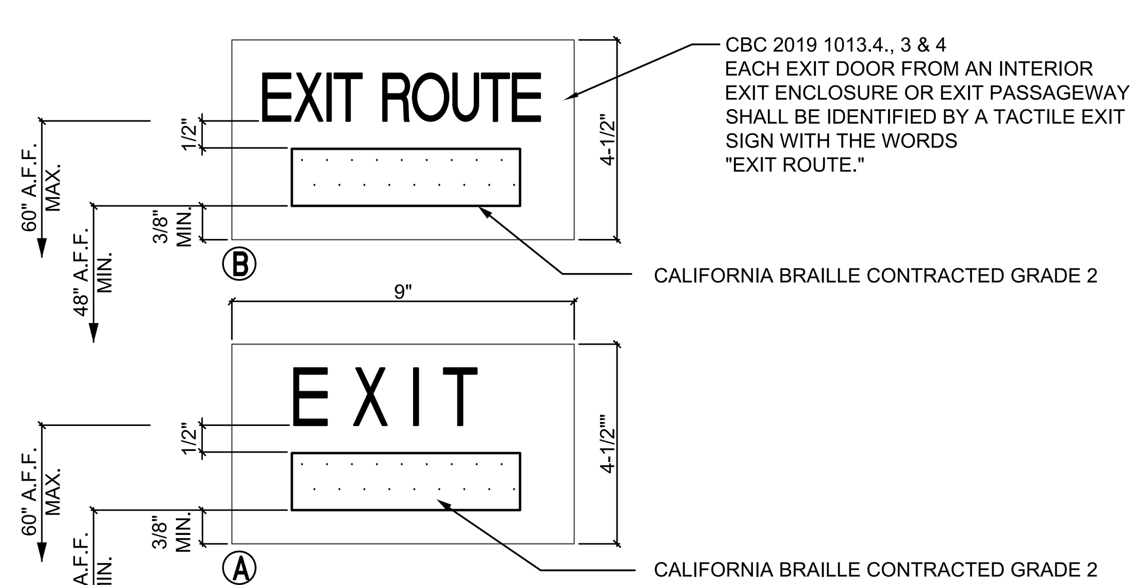


- PROVIDE ADA SIGNS AT ALL ACCESSIBLE TOILET ROOMS
- PROVIDE DIRECTIONAL ISA SIGNS AT INACCESSIBLE TOILET ROOMS DIRECTING TO ACCESSIBLE TOILET ROOMS
- COLOR MATERIAL TO BE ¼" THICK W/ALL EDGES AND VERTICALS EASED PER CBC 11B–703.7.2.6.4
- COLOR OF BACKGROUND TO CONTRAST WITH COLOR OF DOOR
- COLOR OF SYMBOL AND LETTERS TO CONTRAST WITH BACKGROUND
- LETTERS TO BE 1" HIGH, RAISED 1/32"
- VERIFY ROOM NAMES BEFORE FABRICATION
- FASTENERS TO BE RECESSED FLUSH HEAD TAMPER–PROOF SCREWS (4 MINIMUM)
- SYMBOLS TO BE SUPERIMPOSED
- EXTERIOR DOORS SHALL HAVE TACTILE EXITS SIGNS



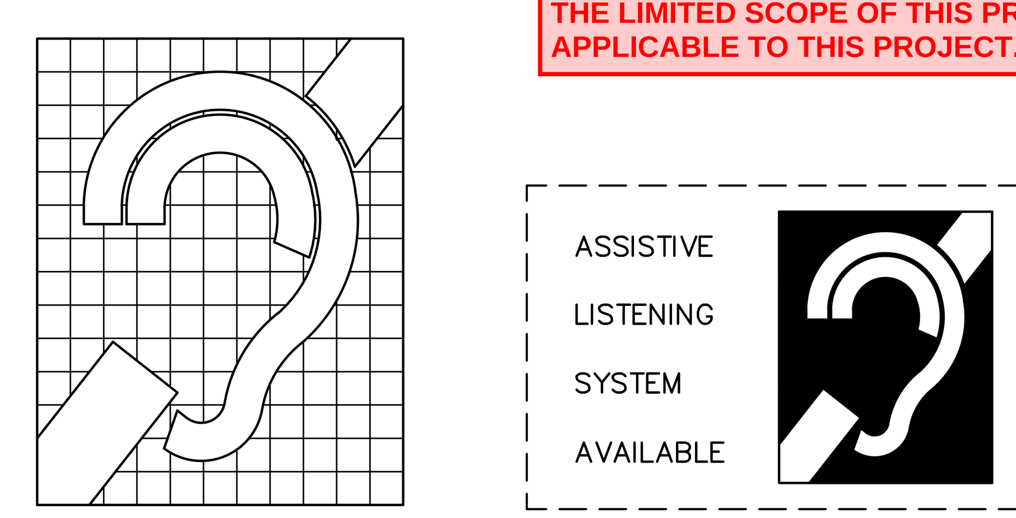
2 TYPICAL SIGNAGE
1 1/2"=1'–0"

SEE DETAIL 1/A0.1 FOR TYP. MOUNTING HEIGHTS AND LOCATIONS



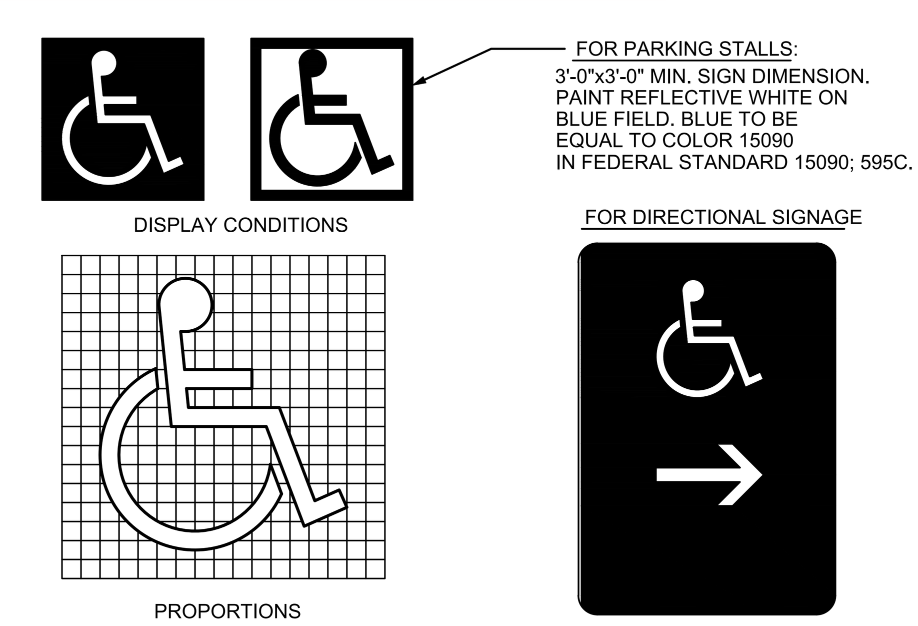
NOTES:
- MATERIAL TO BE 1/4" THICK W/EASED EDGES
- COLOR OF BACKGROUND TO CONTRAST 70% W/COLOR OF DOOR
- COLOR OF LETTERS TO CONTRAST 70% W/BACKGROUND
- LETTERS TO BE RAISED 1/32"
- FASTENERS: RECESSED FLUSH HEAD TAMPER-PROOF SCREWS (MIN. 4)
- SEE FLOOR PLAN FOR LOCATIONS
- SEE SPECIFICATION SECTION 101423, ARTICLE 2.01, FOR ADDITIONAL LETTERING REQUIREMENTS.

3 TACTILE EXIT SIGN
N.T.S.



- PROVIDE A PORTABLE ASSISTIVE LISTENING SYSTEM: THE MIMIMUM NUMBER OF RECIEVERS TO BE PROVIDED SHALL BE EQUAL TO 4 PERCENT OF THE OCCUPANT LOAD AND NOT LESS THAN TWO. TWENTY FIVE PERCENT SHALL BE HEARING AID COMPATIBLE
- PROVIDE SIGNAGE: ASSISTIVE LISTENING SYSTEMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED COMPLYING WITH FIGURE 11B–703.7.2.4
- HEIGHT OF CHARACTERS ON ASSISTIVE LISTENING SIGNS SHALL BE BASED ON THE DISTANCE MOUNTED FROM THE FLOOR, AND THE DISTANCE TO BE VIEWED PER TABLE 11B–703.5.5. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON–GLARE FINISH AND SHALL CONTRAST (11B–703.5)

5 ASSISTIVE LISTENING SYSTEM
N.T.S.



ALL ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST 1 STANDARD SIGN, WHITE FIGURE ON BLUE, 6" SQUARE MIN.

PROVIDE DIRECTIONAL SIGNS WHERE INDICATED ON P.O.T. FOR PERSONS ON PEDESTRIAN WAY APPROACHING ENTRY AND ALONG THE PATH OF TRAVEL. MOUNT DIRECTIONAL SIGNS AT +60" ABOVE FINISH FLOOR TO CENTER OF SIGN ARROWS TO BE POINTED TOWARD THE DIRECTION OF ACCESSIBLE ROUTE

6 SYMBOL OF ACCESSIBILITY
N.T.S.

IDENTIFICATION STAMP
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APP: 02-120455 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN L. HENRY C–22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

TYPICAL DETAILS

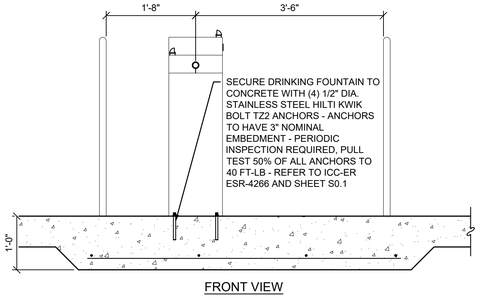
CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE N.T.S.		
CADFILE		
UPDATED 11/17/2022		

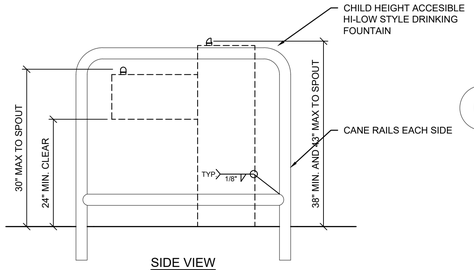
SHEET NO.

A0.1

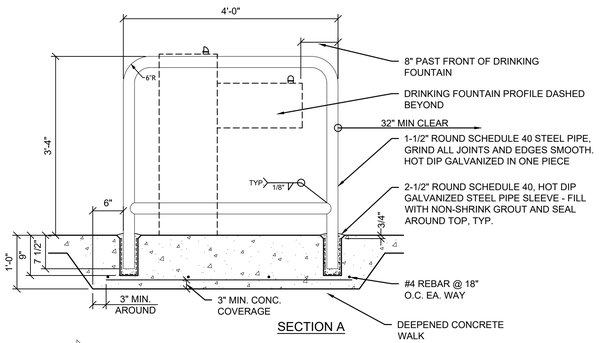
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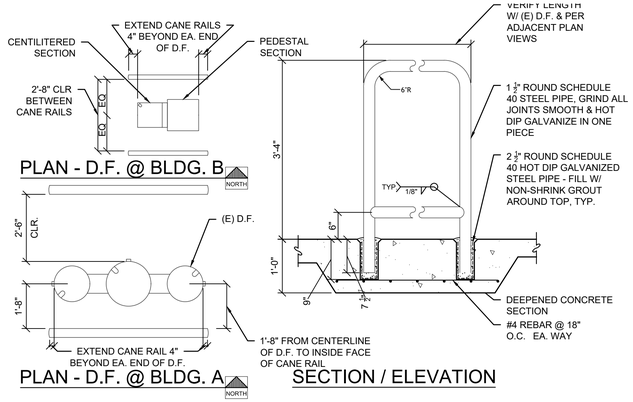
FRONT VIEW



SIDE VIEW

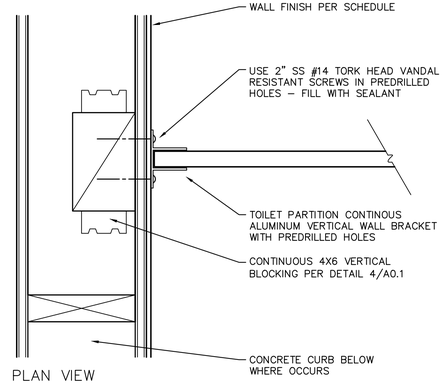


SECTION A



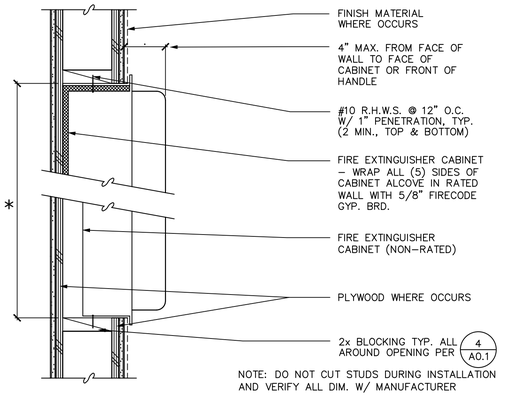
6 CANE RAILS @ D.F.'s

N.T.S.



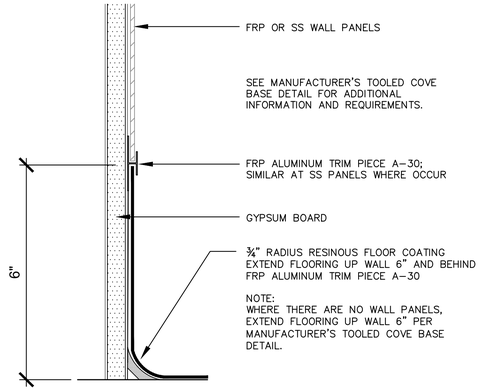
3 TOILET PARTITION MOUNTING @ WALL

N.T.S.



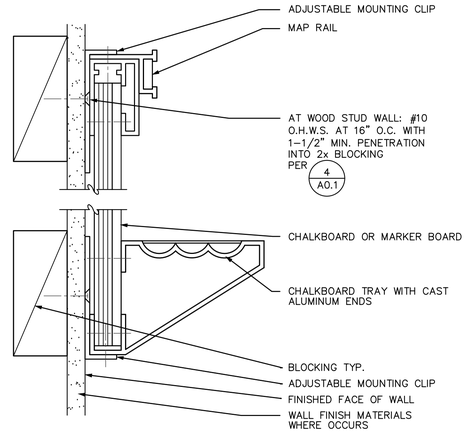
10 RECESSED FIRE EXT. CABINET

N.T.S.



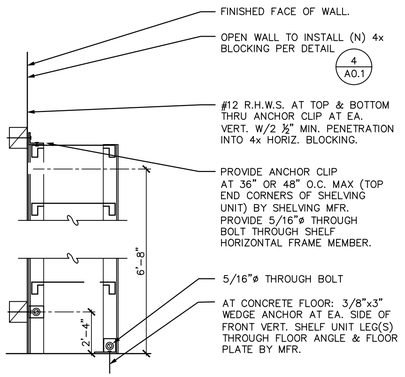
5 RESINOUS FLOOR BASE TO FRP

N.T.S.



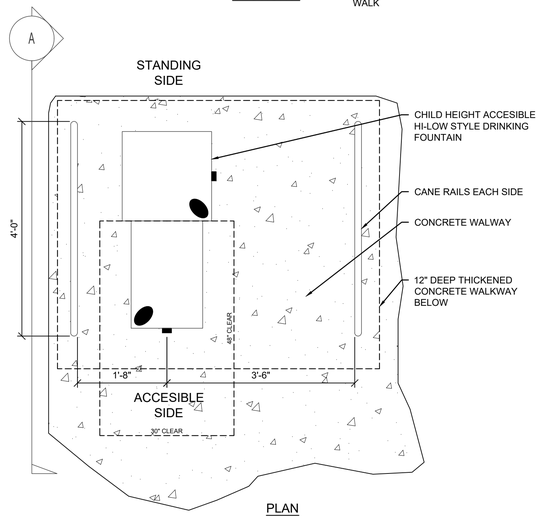
2 MARKER BOARD

N.T.S.



9 METAL SHELVING

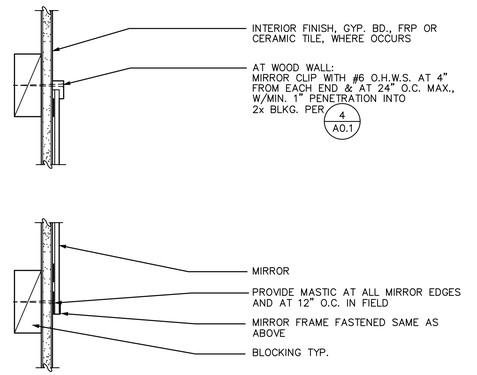
N.T.S.



PLAN

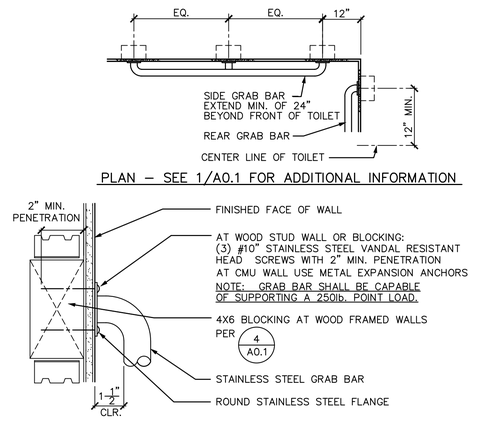
7 DRINKING FOUNTAIN & CANE RAILS

N.T.S.



4 MIRROR

N.T.S.



1 TOILET GRAB BAR

N.T.S.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C–22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

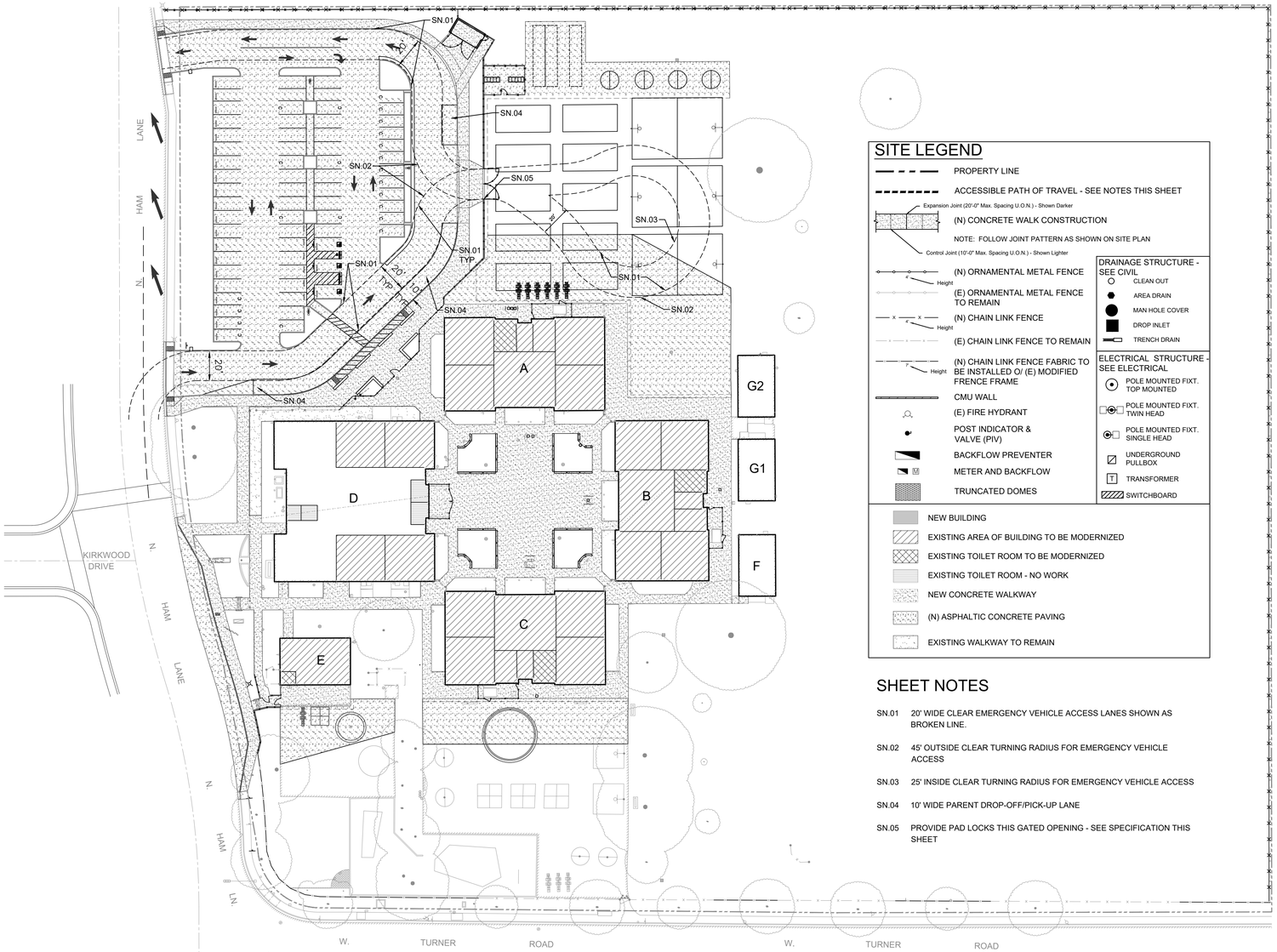
TYPICAL DETAILS

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE N.T.S.		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A0.2



SITE LEGEND

- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
- Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker
- (N) CONCRETE WALK CONSTRUCTION
- NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN
- Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter
- (N) ORNAMENTAL METAL FENCE
- (E) ORNAMENTAL METAL FENCE TO REMAIN
- (N) CHAIN LINK FENCE
- (E) CHAIN LINK FENCE TO REMAIN
- (N) CHAIN LINK FENCE FABRIC TO BE INSTALLED O/ (E) MODIFIED FRENCE FRAME
- CMU WALL
- (E) FIRE HYDRANT
- POST INDICATOR & VALVE (PIV)
- BACKFLOW PREVENTER
- METER AND BACKFLOW
- TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL
- CLEAN OUT
- AREA DRAIN
- MAN HOLE COVER
- DROP INLET
- TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL
- POLE MOUNTED FIXT. TOP MOUNTED
- POLE MOUNTED FIXT. TWIN HEAD
- POLE MOUNTED FIXT. SINGLE HEAD
- UNDERGROUND PULLBOX
- TRANSFORMER
- SWITCHBOARD

- NEW BUILDING
- EXISTING AREA OF BUILDING TO BE MODERNIZED
- EXISTING TOILET ROOM TO BE MODERNIZED
- EXISTING TOILET ROOM - NO WORK
- NEW CONCRETE WALKWAY
- (N) ASPHALTIC CONCRETE PAVING
- EXISTING WALKWAY TO REMAIN

SHEET NOTES

SN.01 20' WIDE CLEAR EMERGENCY VEHICLE ACCESS LANES SHOWN AS BROKEN LINE.

SN.02 45' OUTSIDE CLEAR TURNING RADIUS FOR EMERGENCY VEHICLE ACCESS

SN.03 25' INSIDE CLEAR TURNING RADIUS FOR EMERGENCY VEHICLE ACCESS

SN.04 10' WIDE PARENT DROP-OFF/PICK-UP LANE

SN.05 PROVIDE PAD LOCKS THIS GATED OPENING - SEE SPECIFICATION THIS SHEET

NOTE:
THIS PLAN IS BEING PROVIDED FOR INFORMATION ONLY. SEE SITE PLAN, SHEET A1.1.2 FOR INFORMATION REGARDING LIMITED WORK SCOPE INCLUDING BASE BID SCOPE AND ADDITIVE ALTERNATE SCOPES FOR THIS PROJECT.

BRAD DOELL, FIRE MARSHAL-LODI FIRE DEPARTMENT REQUESTS THAT KEY BOX NOT BE INSTALLED AND ONLY KNOX PAD LOCKS AS SPECIFIED BELOW BE PROVIDED.

KEY BOX & PADLOCK SPECIFICATION

~~KEY BOX: KNOX, RESIDENTIAL BOX, MODEL 1652, BLACK. MOUNT TO 6" GATE POST WITH THRU-BOLTS AS RECOMMENDED BY MFR. VERIFY ANY SPECIAL KEYING WITH SCHOOL DISTRICT, LOCAL FIRE DEPARTMENT AND POLICE.~~

PADLOCK: KNOX, PADLOCK, MODEL 3781. PADLOCK TO BE KEYED PER LOCAL FIRE DEPARTMENT AND POLICE STANDARDS. PROVIDE 2.

1 A1.1.0 FIRE AUTHORITY APPROVAL SITE PLAN

SCALE: 1" = 40'-0" 40' 80'

NORTH

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

PROJECT INFORMATION	
School District/Owner:	LODI UNIFIED SCHOOL DISTRICT
Project Name/School:	MODERNIZATION LAKEWOOD ES / LAKEWOOD ELEMENTARY SCHOOL
Project Address:	1100 N. HAM LANE, LODI, CA 95242

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☐		No ☒
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☒
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☒
	Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.				
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	X			
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			X	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			X	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			X	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Leonard Kahn Title: CBO

Signature: _____ Date: 12/8/2022

LOCAL FIRE AUTHORITY (LFA) INFORMATION			
LFA Agency Name:	CITY OF LODI FIRE DEPARTMENT		
LFA Review Official:	BRAD DOELL		
Title:	BATTALION CHIEF / FIRE MARSHALL	Work Phone:	209-333-6739
Work Email:	bdoell@lodi.gov		

LFA Reviewer's Signature: B. Doell Date: 12/7/22

LFA STATEMENT OF ALTERNATE MEANS

THE FOLLOWING ALTERNATE MEANS ARE ACCEPTABLE TO THE CITY OF LODI FIRE DEPARTMENT (LFA) AS A WAY TO MITIGATE THE DISTANCES IN EXCESS OF 150' FROM THE HARDCOURT EMERGENCY VEHICLE ACCESS STAGING LOCATION TO BUILDING B, BUILDING C AND BUILDING E:

1. THE LFA CARRIES IN EXCESS OF 1,000 LF OF FIRE HOSE ON THEIR TRUCKS AND IS TRAINED AND PREPARED TO COUPLE AND EXTEND FIRE HOSE AS MAY BE NECESSARY TO REACH THE ABOVE LISTED BUILDINGS AND AS MAY BE REQUIRED TO FIGHT A FIRE.

2. FOR AN ALTERNATE EMERGENCY RESPONSE APPROACH REQUIRED BY THE LFA AT BUILDING E AND BUILDING C, THE LFA WOULD STAGE THEIR EQUIPMENT AT N. HAM LANE WEST OF BUILDING E AND ENTER THE SITE THROUGH THE MAN GATE JUST SOUTH OF BUILDING E. THE LFA HAS THE PROPER KEY CARDS AND ACCESS KEYS TO OPEN THESE GATES.

Brad Doell, Battalion Chief / Fire Marshal
City of Lodi Fire Department

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

FIRE AUTHORITY APPROVAL SITE PLAN

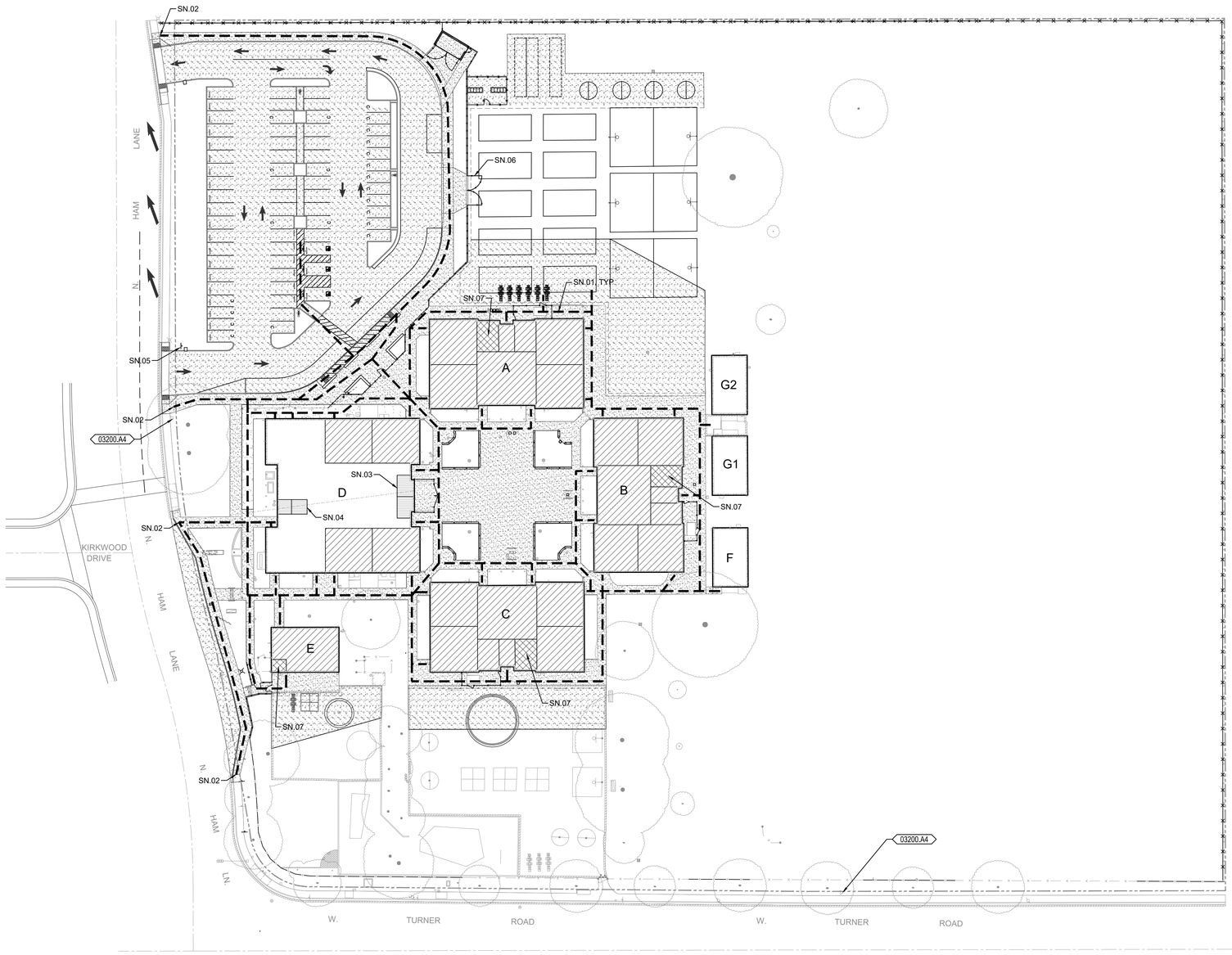
CONSULTANT

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SCALE		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A1.1.0

BUILDING DATA					
BUILDING	DSA APPLICATION NUMBER	CONSTRUCTION TYPE	OCCUPANCY TYPE	AREA (SF)	CERTIFIED
BLDG. A - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG. B - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG. C - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG. D - ADMINISTRATION/ MULTI-PURPOSE/CLASSROOMS	25287, 02-106411, 02-112790	VB, NOT SPRINKLERED	B/A-2/E	10,575	Y
BLDG. E - KINDERGARTEN	23521	VB, NOT SPRINKLERED	E	1,425	Y
BLDG. F - RELOCATABLE	46992	VB, NOT SPRINKLERED	E	960	Y
BLDG. G1 - RELOCATABLE	48768	VB, NOT SPRINKLERED	E	960	Y
BLDG. G2 - RELOCATABLE	48768	VB, NOT SPRINKLERED	E	960	Y



NOTE:
THIS PLAN IS BEING PROVIDED FOR INFORMATION ONLY. SEE SITE PLAN, SHEET A1.1.2 FOR INFORMATION REGARDING LIMITED WORK SCOPE INCLUDING BASE BID SCOPE AND ADDITIVE ALTERNATE SCOPES FOR THIS PROJECT.

1 A1.1.1 CODE ANALYSIS SITE PLAN

SCALE: 1" = 40'-0"

40' 80'

NORTH

SITE LEGEND

- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
- (N) CONCRETE WALK CONSTRUCTION (Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker; Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter)

NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN

- (N) ORNAMENTAL METAL FENCE
- (E) ORNAMENTAL METAL FENCE TO REMAIN
- (N) CHAIN LINK FENCE
- (E) CHAIN LINK FENCE TO REMAIN
- (N) CHAIN LINK FENCE FABRIC TO BE INSTALLED O/ (E) MODIFIED FRENCE FRAME
- CMU WALL
- (E) FIRE HYDRANT
- POST INDICATOR & VALVE (PIV)
- BACKFLOW PREVENTER
- METER AND BACKFLOW
- TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL
- CLEAN OUT
- AREA DRAIN
- MAN HOLE COVER
- DROP INLET
- TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL
- POLE MOUNTED FIXT. TOP MOUNTED
- POLE MOUNTED FIXT. TWIN HEAD
- POLE MOUNTED FIXT. SINGLE HEAD
- UNDERGROUND PULLBOX
- TRANSFORMER
- SWITCHBOARD

- NEW BUILDING
- EXISTING AREA OF BUILDING TO BE MODERNIZED
- EXISTING TOILET ROOM TO BE MODERNIZED
- EXISTING TOILET ROOM - NO WORK
- NEW CONCRETE WALKWAY
- (N) ASPHALTIC CONCRETE PAVING
- EXISTING WALKWAY TO REMAIN

SHEET NOTES

SN.01 D.A. PATH OF TRAVEL

SN.02 D.A. PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY

SN.03 D.A. STUDENT TOILET ROOMS CONSTRUCTED UNDER DSA IDENTIFICATION NO. 02-111648

SN.04 D.A. STAFF TOILET ROOMS CONSTRUCTED UNDER DSA IDENTIFICATION NO. 02-111648

SN.05 NEW TOW-AWAY SIGN - SEE CIVIL

SN.06 NEW 20' CLEAR EMERGENCY VEHICLE ACCESS GATES

SN.07 D.A. STUDENT TOILET ROOMS TO BE CONSTRUCTED BY THIS CONTRACT, DSA IDENTIFICATION NO. 02-120455

KEYNOTES

3200 SITEWORK

3200.A4 (E) FIRE HYDRANT

PATH OF TRAVEL: - - - - -

Path of travel (P.O.T.) as indicated is a barrier free access without any abrupt vertical changes exceeding ½" at 1:2 Maximum slope, except that level changes do not exceed ¼" vertical(11B-303 & 11B-403.4). P.O.T. is a minimum of 48" wide (11B-403.5.1Ex3) slip resistant surface with 5% max. slope and 1:48 max. cross slope(11B-403.3). Passing spaces(11B-403.5.3) of 60"x60" min. are located not more than 200' apart. Walks with continuous gradients have 60" in length of level areas (11B-403.7) not more than 400' apart. P.O.T. shall be maintained free of overhanging obstructions to 80" min(11B-307.4) and protruding objects(11B-307) greater than 4" projection from wall above 27" and less than 80". There is no drop-off over 4" at the edge of walk or landing unless identified by a guard, a handrail, or a warning curb at least 6" in height above the walk(11B-303.5).

Design Professional in General Responsible Charge Statement

The POT identified in the construction documents is compliant with current applicable California Building Code accessibility provisions **for path of travel requirements for alterations and structural repairs**. As part of the design of this project, the POT was examined and any elements, components or portion of the POT that were determined to be noncompliant 1) have been identified and 2) the corrective work necessary to bring them into compliance has been included within the scope of thus project's work through details, drawings and specification incorporated into these construction documents. Any noncompliant elements, components or portion of the POT that will not be corrected by this project based on valuation threshold limitations or a finding of unreasonable hardship are so indicated in these construction documents.

During construction, if POT items within the scope of the project represented as code compliant are found to be nonconforming beyond reasonable construction tolerances, they shall be brought into compliance with the CBC as a part of this project by means of a "Construction Change Document" (form **DSA 140**).

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

CODE ANALYSIS SITE PLAN

CONSULTANT

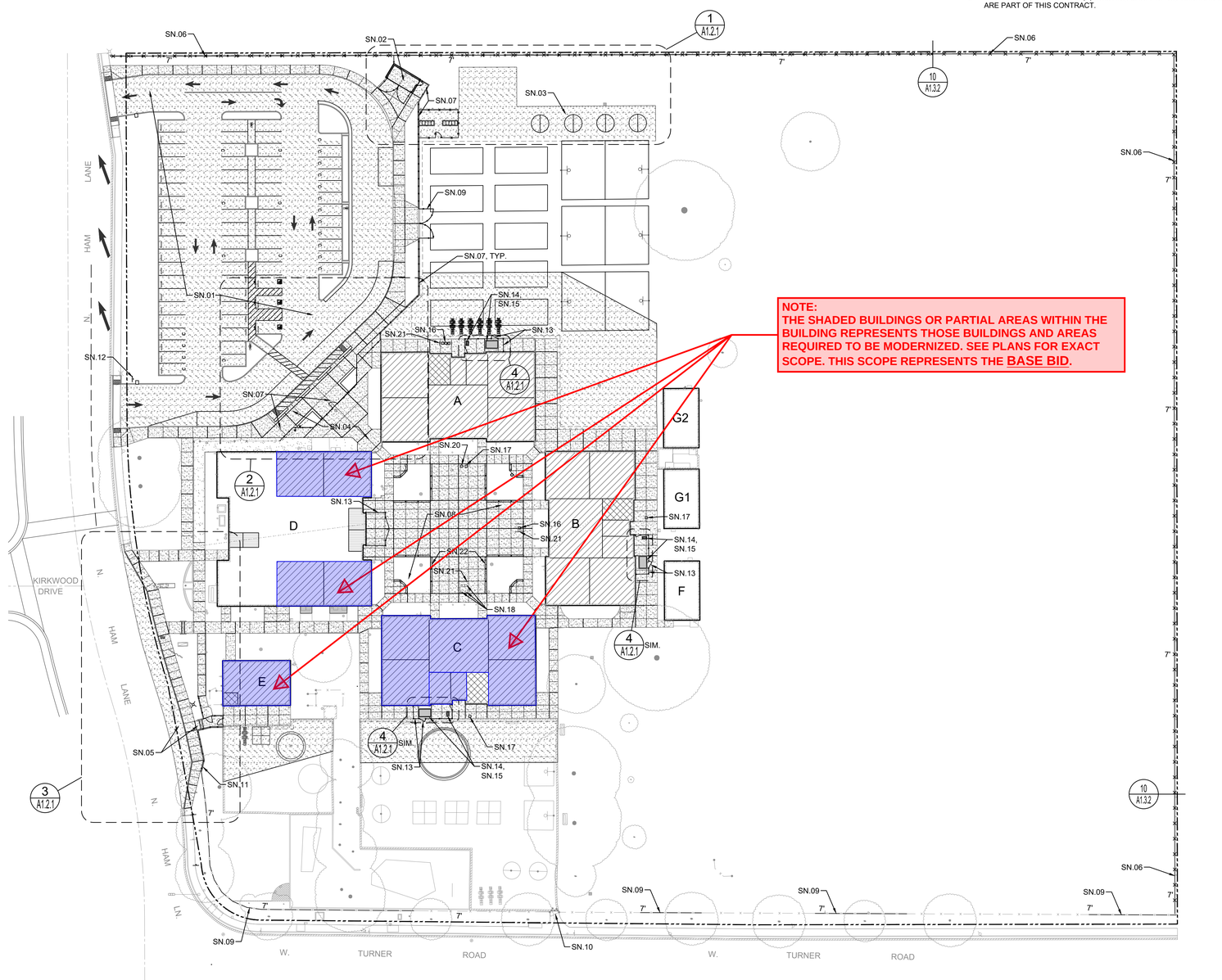
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A1.1.1

GENERAL NOTES

1. SAFETY: CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE PREMISES ON WHICH THE WORK IS PERFORMER AND FOR THE SAFETY OF ALL PERSONS AND PROPERTY ON THE SITE BOTH DURING AND OUTSIDE OF NORMAL WORKING HOURS, UNTIL SUCH WORK IS ACCEPTED BY THE OWNER.
2. UNDERGROUND SERVICES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND/OR UTILITY DISTRICTS AS TO THE LOCATION OF ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERGROUND UTILITIES OR OTHER BURIED OBJECTS WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
3. USE OF BARRICADES AND SITE CONTROLS: WHEN THE WORK AREA HAS TRENCHES OR DITCHES DEEPER THAN ONE FOOT, THE CONTRACTOR SHALL PROVIDE FENCING AND BARRICADES AT SUCH TRENCHES OR DITCHES DURING THE WORK DAY. CONTRACTOR SHALL EXPEDITE THE FILLING AND COMPACTING OF SUCH TRENCHES OR DITCHES.
4. QUANTITIES: MATERIAL QUANTITIES IF ANY ARE NOTED ON THESE DRAWINGS ARE NOT GUARANTEED CONTRACT QUANTITIES. CONTRACTOR IS TO PERFORM HIS OWN ESTIMATES AND QUANTITY TAKE-OFFS. CONTRACTOR IS TO PROVIDE ALL MATERIALS NECESSARY TO COMPLETE THE PROJECT, EVEN IF QUANTITIES ARE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS.
5. PRE-EXISTING CONDITIONS
   a. CONTRACTORS SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING OBSERVABLE SITE CONDITIONS PRIOR TO SUBMITTING BID.
   b. ALL ITEMS NOT SHOWN AS (E) EXISTING SHALL BE CONSIDERED NEW AND ARE PART OF THIS CONTRACT.



NOTE:
THE SHADED BUILDINGS OR PARTIAL AREAS WITHIN THE BUILDING REPRESENTS THOSE BUILDINGS AND AREAS REQUIRED TO BE MODERNIZED. SEE PLANS FOR EXACT SCOPE. THIS SCOPE REPRESENTS THE BASE BID.

1 A1.1.2 SITE PLAN
SCALE: 1" = 40'-0"
40' 80'
NORTH

SITE LEGEND

- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
- (N) CONCRETE WALK CONSTRUCTION (Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker; Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter)
  NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN
- (N) ORNAMENTAL METAL FENCE (Height)
- (E) ORNAMENTAL METAL FENCE TO REMAIN
- (N) CHAIN LINK FENCE (Height)
- (E) CHAIN LINK FENCE TO REMAIN
- (N) CHAIN LINK FENCE FABRIC TO BE INSTALLED O/ (E) MODIFIED FRENCE FRAME (Height)
- CMU WALL
- (E) FIRE HYDRANT
- POST INDICATOR & VALVE (PIV)
- BACKFLOW PREVENTER
- METER AND BACKFLOW
- TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL
- CLEAN OUT
- AREA DRAIN
- MAN HOLE COVER
- DROP INLET
- TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL
- POLE MOUNTED FIXT. TOP MOUNTED
- POLE MOUNTED FIXT. TWIN HEAD
- POLE MOUNTED FIXT. SINGLE HEAD
- UNDERGROUND PULLBOX
- TRANSFORMER
- SWITCHBOARD

- NEW BUILDING
- EXISTING AREA OF BUILDING TO BE MODERNIZED
- EXISTING TOILET ROOM TO BE MODERNIZED
- EXISTING TOILET ROOM - NO WORK
- NEW CONCRETE WALKWAY
- (N) ASPHALTIC CONCRETE PAVING
- EXISTING WALKWAY TO REMAIN

SHEET NOTES

SN.01 (N) PARKING LOT, WALKWAYS AND LANDSCAPING - SEE CIVIL AND LANDSCAPE DRAWINGS

SN.02 (N) TRASH ENCLOSURE - SEE CIVIL AND STRUCTURAL DRAWINGS

SN.03 (N) TETHERBALL COURTS - SEE ENLARGED PLAN AND CIVIL SHEETS.

SN.04 (N) ENTRY AREA, GATE, FENCING, BENCHES & PLANTERS - SEE CIVIL, LANDSCAPE, ELECTRICAL & ENLARGED PLAN

SN.05 (N) CONCRETE STAIR, WALKWAYS & BUS TURNOUT - SEE CIVIL DRAWINGS

SN.06 (N) 7' TALL SLATTED CHAIN LINK FENCE W/ 1 3/4" SQUARE X 9 GA. MESH FABRIC W/ 7/8" HDPE SLATS ALONG ENTIRE NORTH AND EAST PROPERTY LINES INSTALLED JUST INSIDE OF (E) CHAIN LINK FENCE. - SEE DETAIL 10/A1.3.2.

SN.07 SEE CIVIL FOR EXTENT OF DEMOLITION OF (E) ORNAMENTAL IRON FENCING. CONTRACTOR IS REQUIRED TO SALVAGE AND PROTECT (E) ORNAMENTAL IRON FENCE PANELS, GATES AND POSTS (IF SALVAGEABLE) AND STORE FOR REUSE. INSTALL (E) SALVAGED AND (N) ORNAMENTAL IRON FENCE COMPONENTS IN (N) LOCATION AND CONFIGURATION AS INDICATED HERE AND ON CIVIL DRAWINGS. (E) ORNAMENTAL IRON FENCING COMPONENTS THAT MAY BE SALVAGED INCLUDE APPROXIMATELY 27-WHOLE PANELS, 3-PARTIAL PANELS, 2-MAN GATE ASSEMBLIES, 1-PAIR VEHICLE GATES AND 27-LINE POSTS. THESE QUANTITIES ARE ONLY APPROXIMATE AND THE CONTRACTOR IS REQUIRED TO FIELD VERIFY EXACT QUANTITIES, CONDITIONS AND SALVAGEABLE OF THE (E) ORNAMENTAL IRON FENCE COMPONENTS.

SN.08 (N) QUAD AREA CONCRETE WALKWAYS, PLANTERS, BENCHES-SEE CIVIL AND LANDSCAPE

SN.09 (E) CHAIN LINK FENCE FABRIC TO BE REMOVED, POSTS TO BE INCREASED IN HEIGHT TO 7', RAILS TO BE ADJUSTED FOR (N) FENCE HEIGHT AND (N) NO-CLIMB FENCE FABRIC TO BE INSTALLED ONTO (E) MODIFIED FENCE FRAME.

SN.10 (E) CHAIN LINK GATES TO BE REMOVED AND REPLACED WITH SAME SIZE AS (E) GATES AND TO MATCH THE (N) MODIFIED FENCE HEIGHT. INSTALL NO-CLIMB FENCE FABRIC ON (N) GATE FRAME.

SN.11 PROVIDE (N) FENCE POSTS AND (N) NO CLIMB FENCE FABRIC WHERE FENCE LINE AND CONFIGURATION HAVE BEEN MODIFIED TO ACCOMMODATE (E) OR (N) GRADE MOUNTED UTILITY EQUIPMENT THIS LOCATION.

SN.12 REPLACE (E) PARKING LOT ENTRANCE SIGN W/ (N) PARKING LOT ENTRANCE SIGN - SEE CIVIL

SN.13 (E) CHAIN LINK FENCE FABRIC AND GATES AT (E) HVAC EQUIPMENT YARD OR STORAGE YARD TO BE REMOVED AND STORED AND PROTECTED. GATE AND FENCE POSTS TO REMAIN AND PROTECTED AGAINST DAMAGE DURING DEMOLITION AND CONCRETE POUR. FOLLOWING INSTALLATION OF (N) CONCRETE WALKWAYS, ADJUST FENCE FRAME TO ACCOMMODATE (N) TOP OF WALKWAY ELEVATION AND REINSTALL THE (E) GATE AND FENCE FABRIC O/ (E) POSTS.

SN.14 WRAP THE (E) HVAC UNITS, CONDUIT, LINE SETS AND DUCTWORK WITH HEAVY PLASTIC SHEET AND PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS. SEE CIVIL FOR EXTENT OF WALKWAY DEMOLITION AND REPLACEMENT.

SN.15 DISCONNECT (E) DUCT SUPPORTS FROM CONCRETE WALKWAY AND DUCTS AS REQUIRED. TEMPORARILY SUPPORT DUCTS AS REQUIRED TO ALLOW FOR REMOVAL OF (E) CONCRETE WALKWAY AND INSTALLATION AND FINISHING OF (N) CONCRETE WALKWAY. ADJUST (E) DUCT SUPPORTS AS REQUIRED FOR (N) TOP OF WALKWAY ELEVATION AND FASTEN TO CONCRETE WALKWAY USING FASTENER TYPES TO MATCH (E).

SN.16 (E) DRINKING FOUNTAIN TO BE REMOVED STORED AND PROTECTED DURING WALKWAY DEMOLITION AND (N) CONSTRUCTION. PROTECT (E) PLUMBING WASTE & SUPPLY LINES DURING CONSTRUCTION. FOLLOWING INSTALLATION OF (N) WALKWAY, ADJUST/EXTEND/MODIFY (E) PLUMBING LINES AND REINSTALL DRINKING FOUNTAIN PER MANUFACTURER'S RECOMMENDATIONS.

SN.17 (E) ACCESSIBLE BOTTLE FILLER TO BE REMOVED STORED AND PROTECTED DURING WALKWAY DEMOLITION AND (N) CONSTRUCTION. PROTECT (E) PLUMBING WASTE & SUPPLY LINES DURING CONSTRUCTION. FOLLOWING INSTALLATION OF (N) WALKWAY, ADJUST/EXTEND/MODIFY (E) PLUMBING LINES AND REINSTALL BOTTLE FILLER PER MANUFACTURER'S RECOMMENDATIONS.

SN.18 REMOVE TWO (E) DRINKING FOUNTAINS THIS LOCATION AND INSTALL (N) CHILD HEIGHT ACCESSIBLE, HI-LOW STYLE DRINKING FOUNTAIN. MODIFY PLUMBING SUPPLY AND WASTE LINES AS REQUIRED - SEE PLUMBING AND DETAIL 7/A0.2

SN.19 THIS (E) DRINKING FOUNTAIN IS ADULT HEIGHT ACCESSIBLE WITH BUBBLER HEIGHT AT +36" ABOVE CONCRETE WALK.

SN.20 (E) DRINKING FOUNTAIN TO BE REMOVED. CAP PLUMBING BELOW GRADE.

SN.21 FOLLOWING REINSTALLATION OF (E) D.F. INSTALL NEW CANE RAILS PER DETAIL 6/A0.2

SN.22 (N) 8' LONG METAL BENCH, TYPICAL OF 24 - SEE DETAIL 9/A1.3.1 FOR MOUNTING DETAIL

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

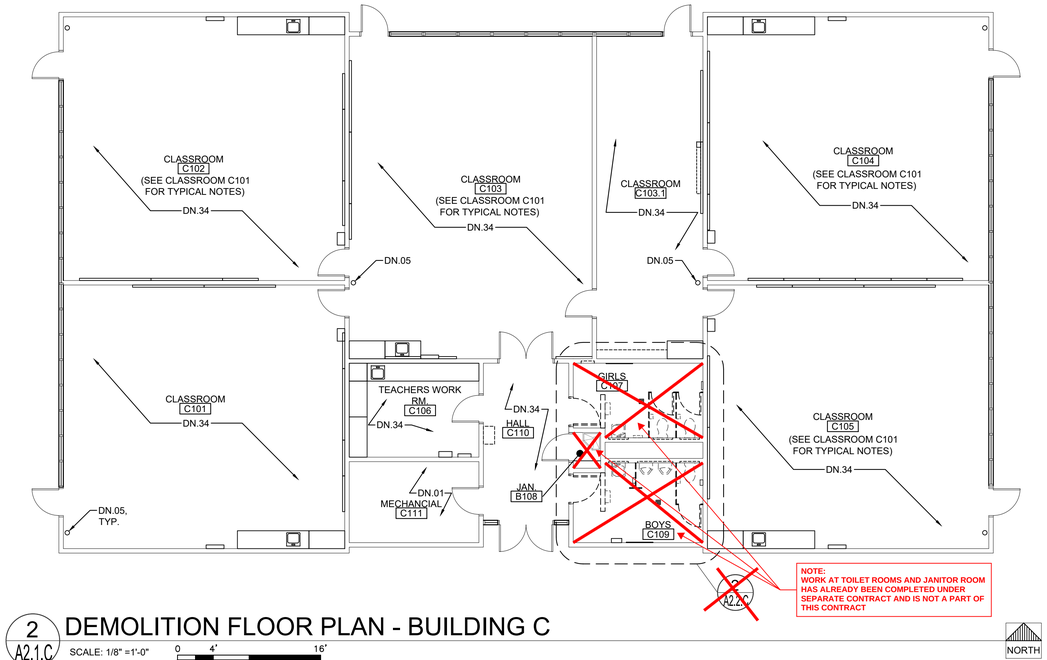
MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

SITE PLAN

CONSULTANT

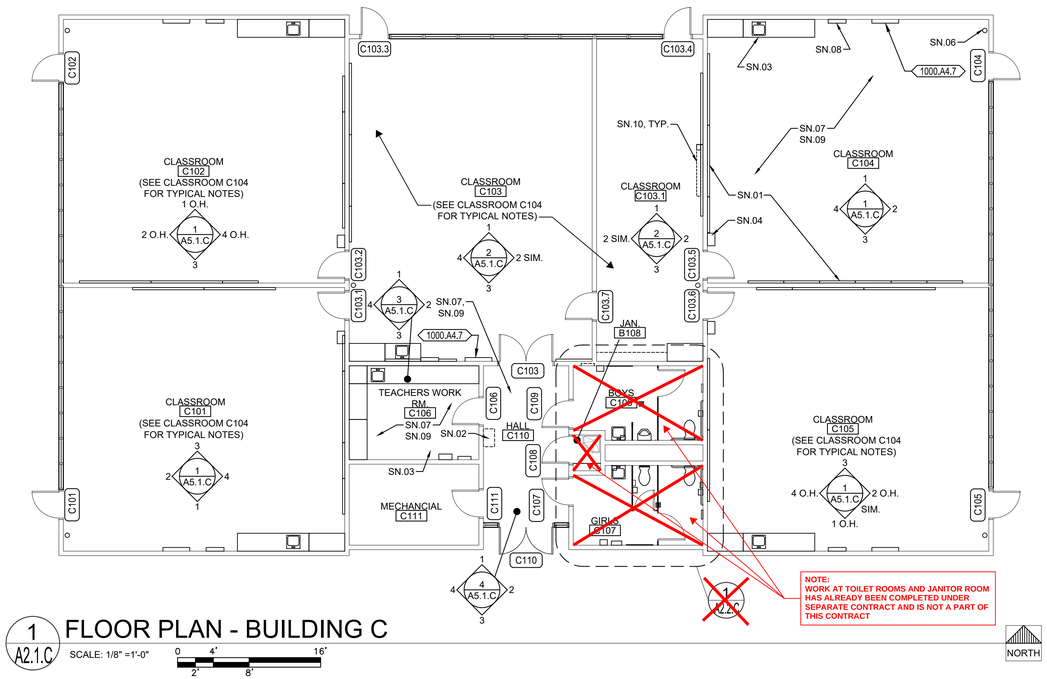
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SHEET NO.
A1.1.2



2 A2.1.C DEMOLITION FLOOR PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'



1 A2.1.C FLOOR PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER. WASTE LINES. PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER. WASTE LINES. PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN JOSEPH HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

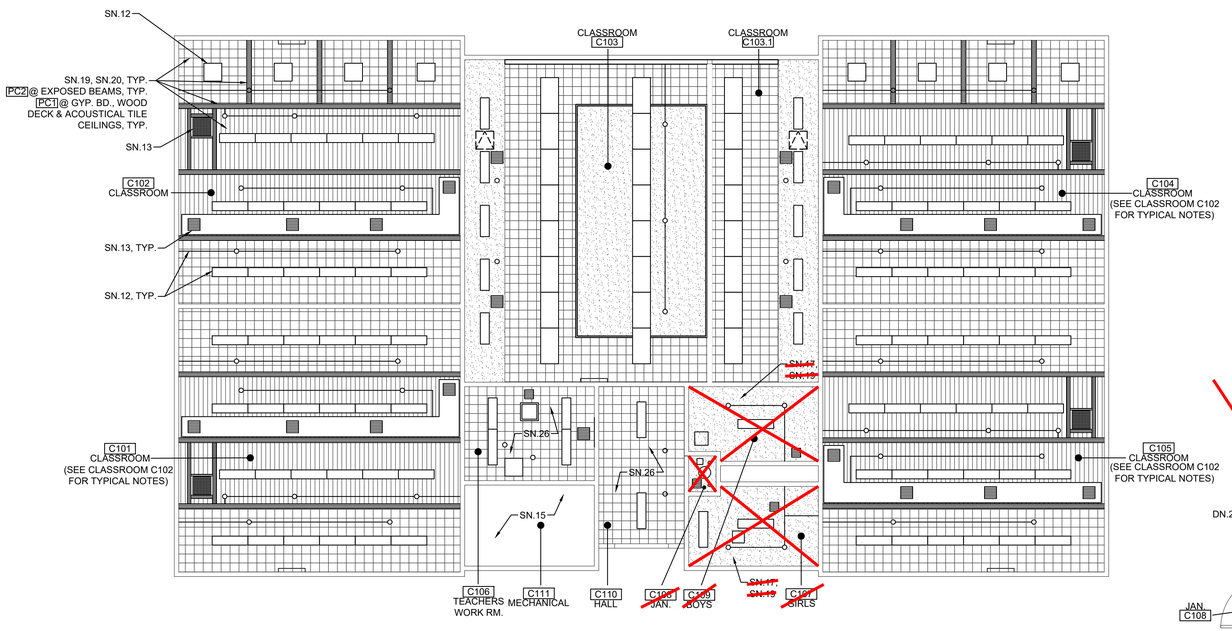
DEMOLITION & FLOOR PLANS - BUILDING C

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE 1/4"=1'-0"		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.1.C



5 A2.2.C REFLECTED CEILING PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 4' 8' 16' 32'

NOTE:
CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.

NORTH

KEYNOTES

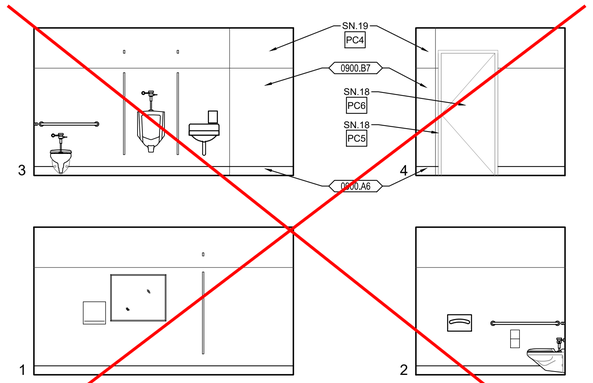
NOTE: NOT ALL NOTES MAY BE USED

0900 FINISHED
0900.A6 BASE
0900.B1 GYPSUM WALLBOARD
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 URETHANE RESIN FLOOR FINISH W/ 6" INTEGRAL COVED BASE
0900.C2 GLUED OR STAPLED-ON ACOUSTICAL CEILING TILE

1000 SPECIALTIES
1000.A2 MARKER BOARD
.1 SLIDING MARKER BOARD SYSTEM
1000.A3 TACK BOARD
1000.A5 TOILET PARTITION
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SAN. NAPKIN DISP. RECEPTICAL
.7 GRAB BAR
.11 TOILET SEAT COVER DISPENSER
.13 WASTE RECEPTACLE - FREE STANDING
1000.A10 METAL SHELVING

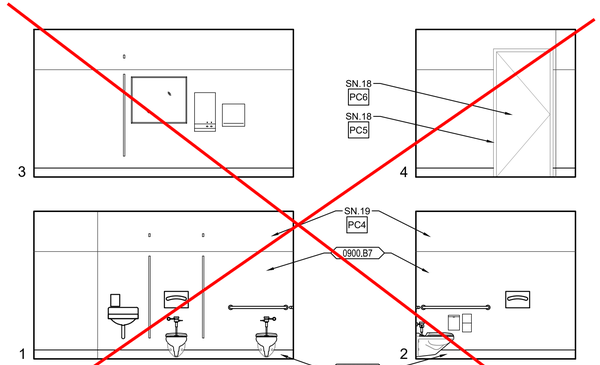
1100 EQUIPMENT
1100.A4 INTERACTIVE DISPLAY SCREEN (OFCI)
1100.A5 WORK TABLES & CHAIRS (OFOI)
1100.A6 DISHWASHER (BELOW COUNTER)
1100.A7 REFRIGERATOR W/ ICE MAKER (OFCI)
1100.A8 CHEMICAL STORAGE CABINET (OFCI)

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER



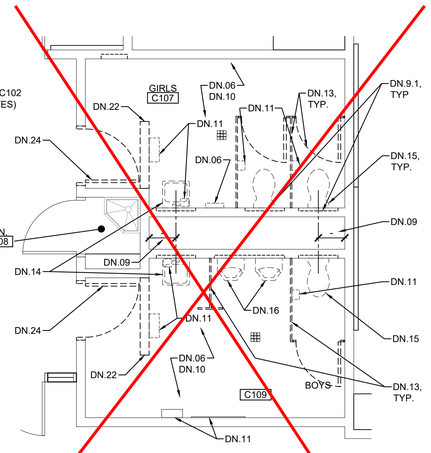
4 A2.2.C INTERIOR ELEVATION - BOYS - C109

SCALE: 1/4" =1'-0" 0 2' 4' 8'



3 A2.2.C INTERIOR ELEVATION - GIRLS - C107

SCALE: 1/4" =1'-0" 0 2' 4' 8'

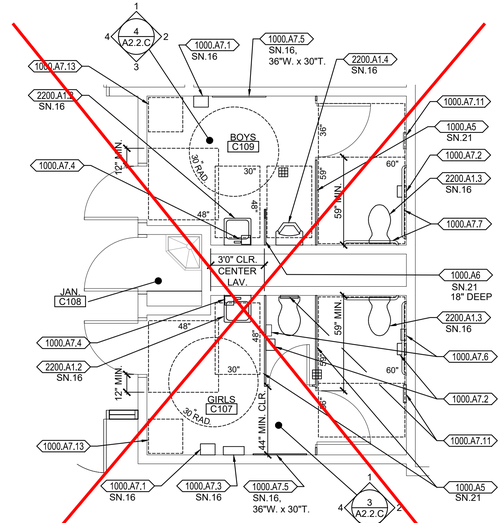


2 A2.2.C DEMOLITION FLOOR PLAN - RESTROOMS

SCALE: 1/4" =1'-0" 0 1' 2' 4' 8'

NORTH

LOCATE PLUMBING FIXTURES FOR THESE RESTROOMS AS REQUIRED FOR STUDENT AGES 5 - 8. SEE "MOUNTING HEIGHTS / DIMENSIONS" TABLE AND DETAILS FOR FIXTURE AND ACCESSORY MOUNTING ON SHEET A0.1. SEE ALSO "ACCESSIBLE TOILET STALL" DETAILS FOR REQUIRED TOILET STALL CLEARANCES ON SHEET A0.1.



1 A2.2.C FLOOR PLAN - RESTROOMS

SCALE: 1/4" =1'-0" 0 1' 2' 4' 8'

NORTH

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER. WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER. WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

ENLARGED TOILET PLANS, INT. ELEVATIONS, CEILING PLAN - BUILDING C

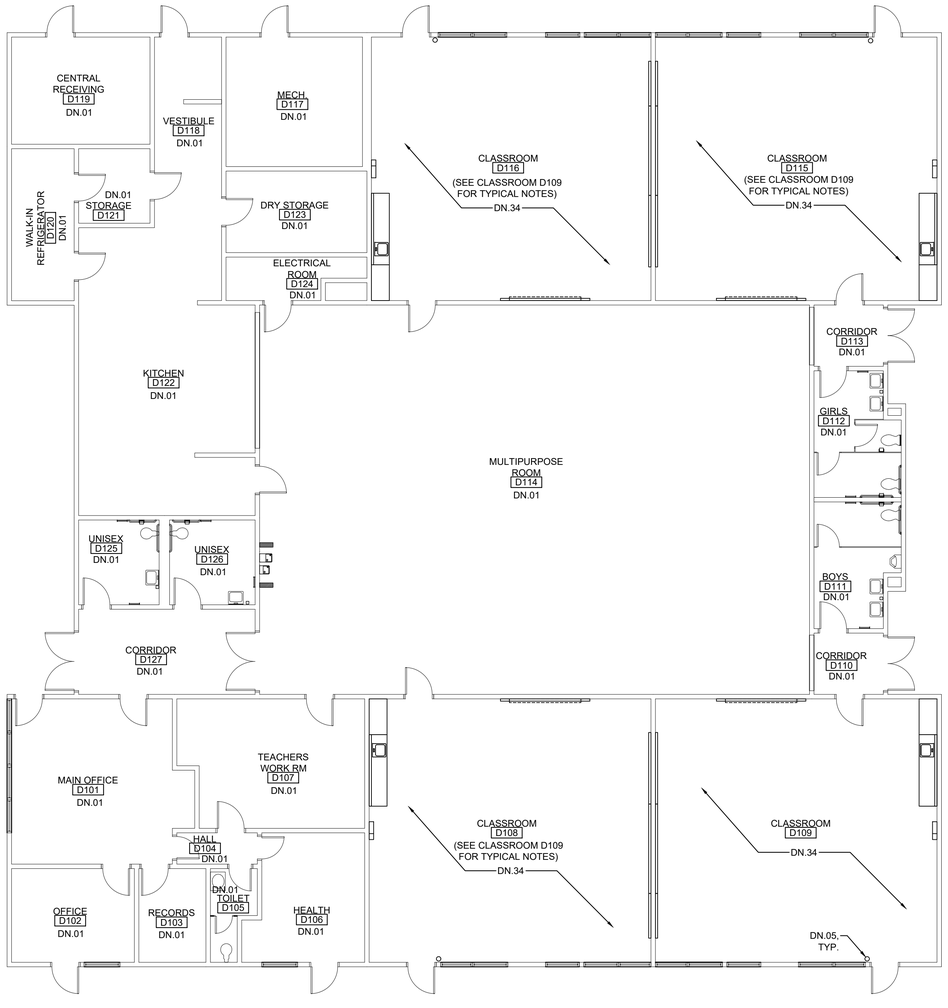
CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.2.C

NOTE:
CLASSROOM D108, D109, D115 & D116 ARE THE ONLY SPACES WITHIN BLDG. D THAT WILL BE PAINTED & WILL RECEIVE NEW FLOORING. SEE DOOR SCHEDULE FOR NEW WORK SCOPE AT EXTERIOR DOORS.



1 A2.1.D DEMOLITION FLOOR PLAN - BUILDING D

SCALE: 1/8" =1'-0"

0 2' 4' 8' 16'

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.

2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.

3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS

DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION

DN.03 REMOVE (E) CASEWORK AND SHELVING

DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS

DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION

DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL

DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE

DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION

DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..

DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.

DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH

DN.11 REMOVE (E) TOILET ROOM ACCESSORY

DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION

DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.

DN.14 REMOVE (E) LAVATORY - SEE PLUMBING

DN.15 REMOVE (E) TOILET - SEE PLUMBING

DN.16 REMOVE (E) URINAL - SEE PLUMBING

DN.17 REMOVE (E) MOP SINK - SEE PLUMBING

DN.18 REMOVE (E) WATER HEATER

DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES

DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER

DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.

DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.

DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.

DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.

DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.

DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.

DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL

DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL

DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.

DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH

DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH

DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE

DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED

SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED

SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED

SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS

SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.

SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS

SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED

SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.

SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.

SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.

SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.

SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS

SN.15 NO NEW WORK THIS SPACE

SN.16 DISABLED ACCESSIBLE

SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.

SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.

SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.

SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL

SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.

SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.

SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.

SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.

SN.25 PREP AND PAINT (E) WOOD SHELVING

SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

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REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DEMOLITION FLOOR PLAN - BUILDING D

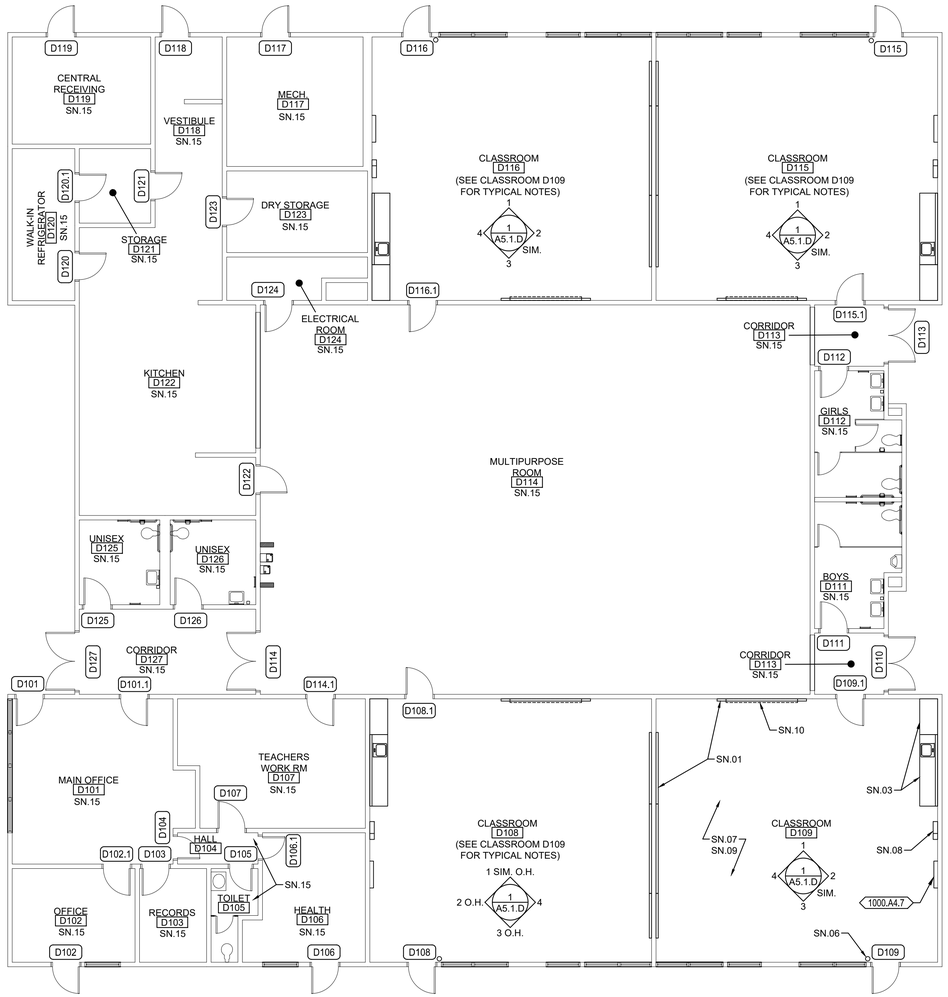
CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.1.D

NOTE:
CLASSROOM D108, D109, D115 & D116 ARE THE ONLY SPACES WITHIN BLDG. D THAT WILL BE PAINTED & WILL RECEIVE NEW FLOORING. SEE DOOR SCHEDULE FOR NEW WORK SCOPE AT EXTERIOR DOORS.



1 A2.2.D FLOOR PLAN - BUILDING D

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'

NORTH

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.

2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.

3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION STAMP
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. BRYANT C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

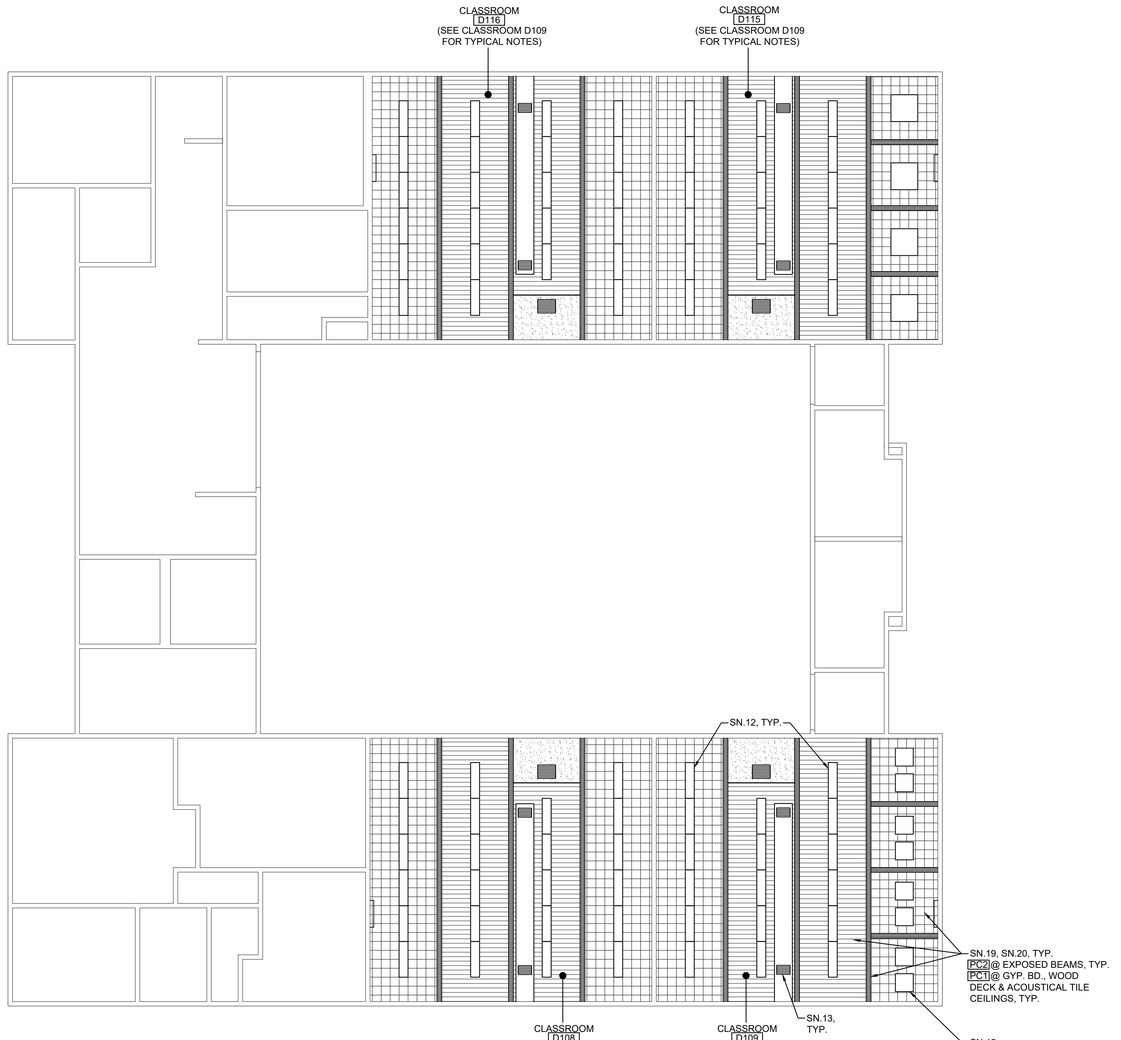
FLOOR PLAN - BUILDING D

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.2.D



1 A2.3.D

REFLECTED CEILING PLAN - BUILDING D

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'

NOTE:
CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED

SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED

SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED

SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS

SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.

SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS

SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED

SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.

SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.

SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.

SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.

SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS

SN.15 NO NEW WORK THIS SPACE

SN.16 DISABLED ACCESSIBLE

SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.

SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.

SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.

SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL

SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.

SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.

SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.

SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.

SN.25 PREP AND PAINT (E) WOOD SHELVING

SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. JACOBS
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

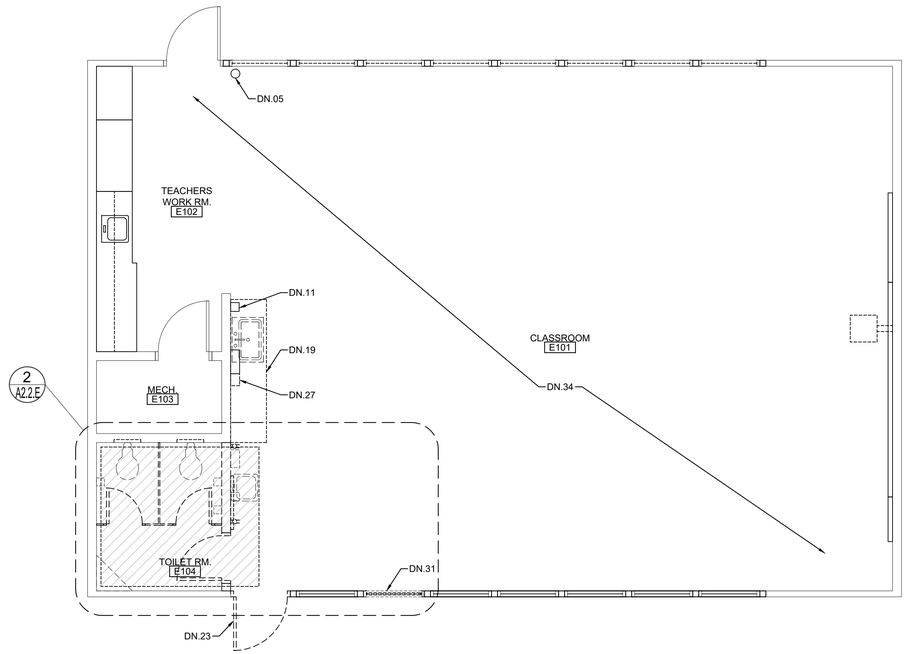
REFLECTED CEILING PLAN - BUILDING D

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

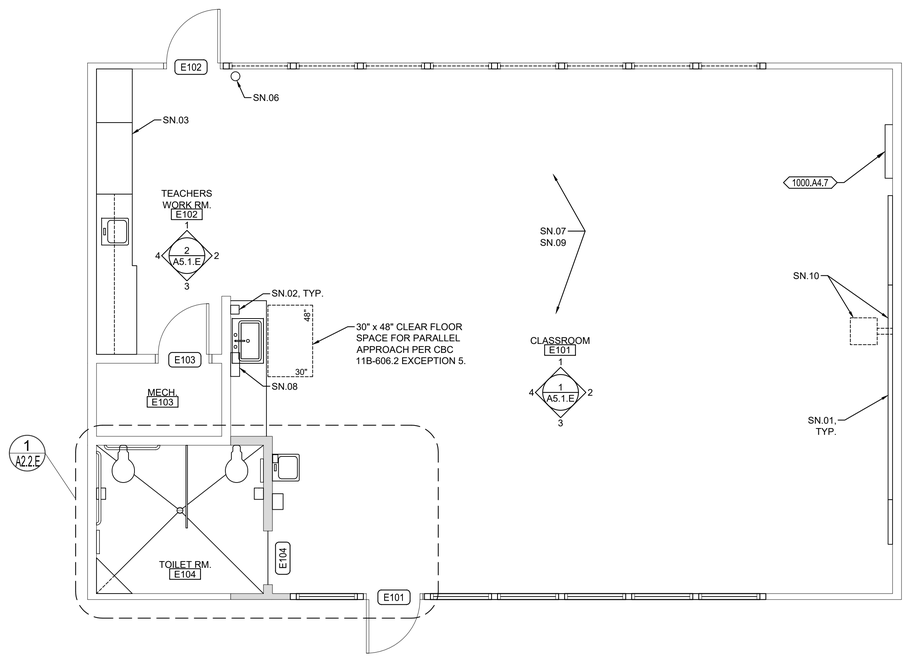
A2.3.D



1 A2.1.E DEMOLITION FLOOR PLAN - BUILDING E

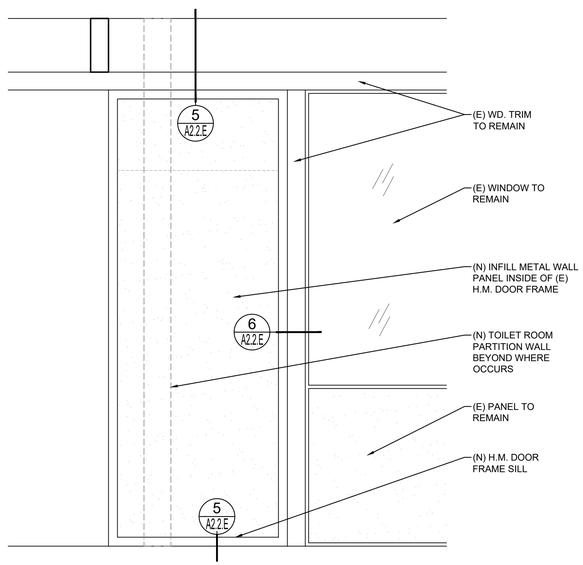
SCALE: 1/4" =1'-0"





2 A2.1.E FLOOR PLAN - BUILDING E

SCALE: 1/4" =1'-0"



3 A2.1.E ELEVATION - DOOR INFILL

SCALE: 3/4" =1'-0"

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
- .1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
- .2 DISABLED ACCESSIBLE PARKING STALL SIGN
- .3 ROOM IDENTIFICATION SIGN
- .4 RESTROOM IDENTIFICATION SIGN
- .5 TACTILE EXIT SIGN
- .6 SELF-ILLUMINATING EXIT SIGN
- .7 ASSISTIVE LISTENING DEVICE SIGN

1000.A5 TOILET PARTITION
- .1 TOILET PARTITION PILASTER

1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
- .1 PAPER TOWEL DISPENSER
- .2 TOILET PAPER DISPENSER
- .3 SANITARY NAPKIN DISPENSER
- .4 SOAP DISPENSER
- .5 MIRROR
- .6 SANITARY NAPKIN DISPOSAL RECEPTACLE
- .7 GRAB BAR
- .8 SHELF
- .9 MOP RACK
- .10 BABY CHANGING STATION
- .11 TOILET SEAT COVER DISPENSER
- .12 WASTE RECEPTACLE
- .13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
- .1 SINK
- .2 LAVATORY
- .3 TOILET
- .4 URINAL
- .5 DRINKING FOUNTAIN
- .6 MOP SINK
- .7 WATER HEATER
- .8 ROOF DRAIN/OVERFLOW COMBO UNIT
- .9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
- .10 ROOF/OVERFLOW DRAIN DISCHARGE
- .11 CONDENSATE DRAIN LINE
- .12 VENT RISER PIPE
- .13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER. WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES.
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

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Sacramento, CA 95825
Phone: 916.921.2112
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN J. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

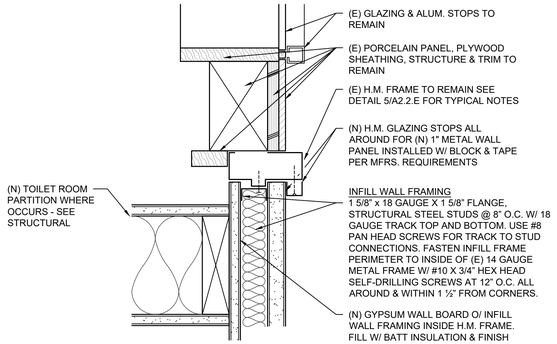
DEMOLITION & FLOOR PLANS - BUILDING E

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

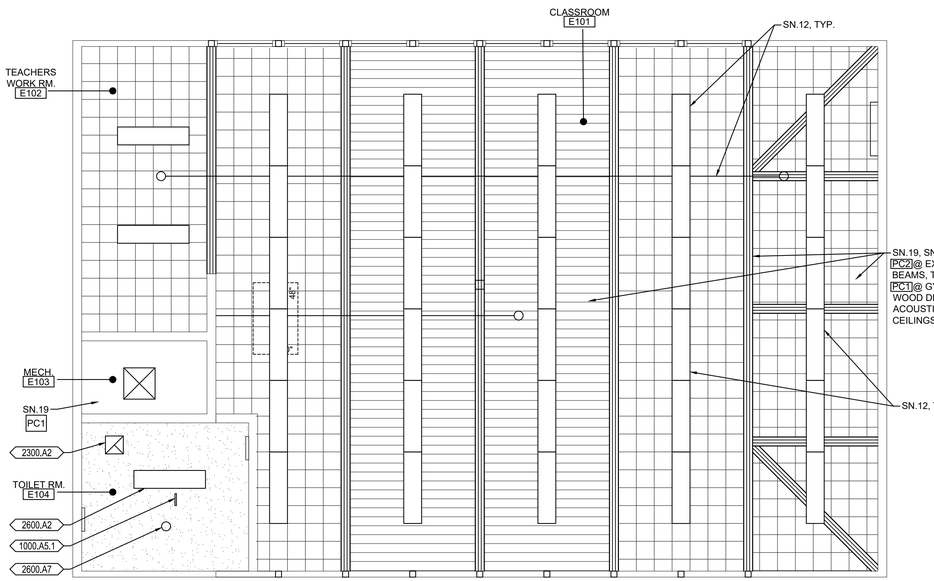
SHEET NO.

A2.1.E



6 A2.2.E JAMB - H.M. DOOR FRAME INFILL

SCALE: 3" =1'-0"



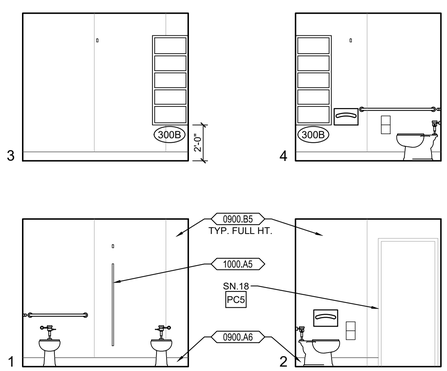
5 A2.2.E HEAD & SILL - H.M. DOOR FRAME INFILL

SCALE: 3" =1'-0"

4 A2.2.E REFLECTED CEILING PLAN - BUILDING E

SCALE: 1/4" =1'-0"

NOTE:
CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.



3 A2.2.E INTERIOR ELEVATIONS - TOILET RM. E104

SCALE: 1/4" =1'-0"

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

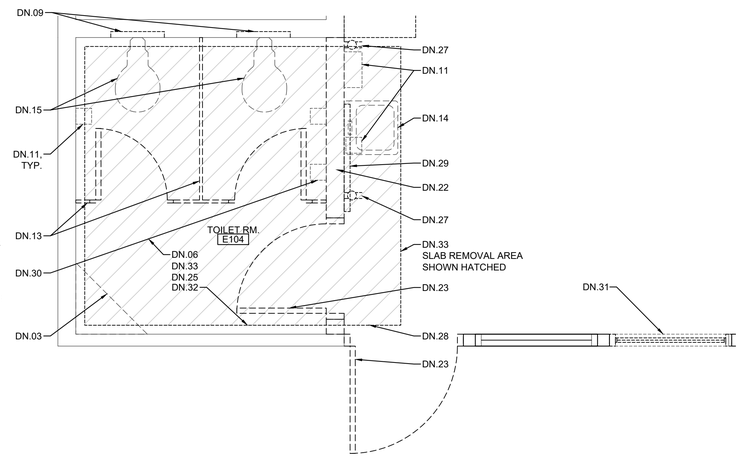
0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

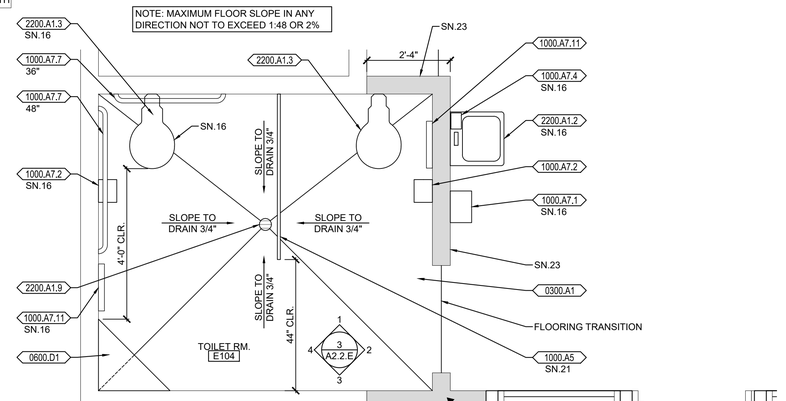
2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE



2 A2.2.E ENLARGED DEMOLITION TOILET PLAN

SCALE: 1/2" =1'-0"



1 A2.2.E ENLARGED TOILET PLAN

SCALE: 1/2" =1'-0"

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER. WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED, TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION, PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. JOHNSON C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

ENLARGED TOILET PLANS, INT. ELEVATION & REFLECTED CEILING PLAN - BUILDING E

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.2.E

DOOR SCHEDULE

BUILDING, ROOM NAME & ROOM NUMBER	DOOR MARK	DOOR SIZE WIDTH X HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	DOOR FIRE RATING	DOOR HARDWARE SET	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	DOOR NOTES
BLDG. A															
CLASSROOM A101	A101	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A102	A102	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A103	A103	(E) PR. 3'-0"X7'-0"	B	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM A103	A103.1	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM A103	A103.2	(E) 3'-0"X7'-0"	B	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM A103	A103.3	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A103	A103.4	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A103	A103.5	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM A103	A103.6	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM A104	A104	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A105	A105	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
TEACHERS WORK RM. A106	A106	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
GIRLS A107	A107	**(N) 3'-0"X7'-0"**	A	HM	P	–	–	3	A	HM	P	4/A3.1.1	4/A3.1.1	–	4, 5,20, 22
JAN. A108	A108	(E) 3'-0"X7'-0"	A	WD	P	–	–	5	A	HM	P	–	–	–	3, 18
BOYS A109	A109	**(N) 3'-0"X7'-0"**	A	HM	P	–	–	3	A	HM	P	4/A3.1.1	4/A3.1.1	–	4, 5, 20, 22
HALL A110	A110	(E) PR. 3'-0"X7'-0"	B	WD	P	–	–	2	D	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
MECHANICAL A111	A111	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
BLDG. B															
CLASSROOM B101	B101	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM B102	B102	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM B103	B103	(E) PR. 3'-0"X7'-0"	B	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM B103	B103.1	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM B103	B103.2	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM B103	B103.3	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM B103	B103.4	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM B103	B103.5	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM B103	B103.6	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM B104	B104	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM B105	B105	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
TEACHERS WORK RM. B106	B106	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
GIRLS B107	B107	**(N) 3'-0"X7'-0"**	A	HM	P	–	–	3	A	HM	P	4/A3.1.1	4/A3.1.1	–	4, 5,20, 22
JAN. B108	B108	(E) 3'-0"X7'-0"	A	WD	P	–	–	5	A	HM	P	–	–	–	3, 18
BOYS B109	B109	**(N) 3'-0"X7'-0"**	A	HM	P	–	–	3	A	HM	P	4/A3.1.1	4/A3.1.1	–	4, 5, 20, 22
HALL B110	B110	(E) PR. 3'-0"X7'-0"	B	WD	P	–	–	2	D	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
MECHANICAL B111	B111	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
BLDG. C															
CLASSROOM C101	C101	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM C102	C102	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM C103	C103	(E) PR. 3'-0"X7'-0"	B	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM C103	C103.1	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM C103	C103.2	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM C103	C103.3	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM C103.1	C103.4	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM C103.1	C103.5	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM C103.1	C103.6	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM C103.1	C103.7	(E) 3'-0"X7'-0"	C	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM C104	C104	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM C105	C105	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
TEACHERS WORK RM. C106	C106	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
GIRLS C107	C107	**(N) 3'-0"X7'-0"**	A	HM	P			3	A	HM	P	4/A3.1.1	4/A3.1.1		4, 5,20, 22
JAN. C108	C108	(E) 3'-0"X7'-0"	A	WD	P			5	A	HM	P				3, 18
BOYS C109	C109	**(N) 3'-0"X7'-0"**	A	HM	P			3	A	HM	P	4/A3.1.1	4/A3.1.1		4, 5, 20, 22
HALL C110	C110	(E) PR. 3'-0"X7'-0"	B	WD	P	–	–	2	D	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
MECHANICAL C111	C111	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
BLDG. D															
MAIN OFFICE D101	D101	(E) 3'-0"X7'-0"	B	WD				2	B	HM				8/A3.1.1	2, 16
MAIN OFFICE D101	D101.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
OFFICE D102	D102	(E) 3'-0"X7'-0"	B	WD				2	B	HM				8/A3.1.1	2, 16
OFFICE D102	D102.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
RECORDS D103	D103	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
HALL D104	D104	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
TOILET D105	D105	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
HEALTH D106	D106	(E) 3'-0"X7'-0"	B	WD				2	B	HM				8/A3.1.1	2, 16
HEALTH D106.1	D106.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
TEACHERS WORK RM D107	D107	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CLASSROOM D108	D108	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM D108	D108.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM D109	D109	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM D109	D109.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CORRIDOR D110	D110	(E) 3'-0"X7'-0"	B	WD				2	B	HM				8/A3.1.1	2, 16
BOYS D111	D111	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
GIRLS D112	D112	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CORRIDOR D113	D113	(E) 3'-0"X7'-0"	B	WD				2	B	HM				8/A3.1.1	2, 16
MULTI-PURPOSE ROOM D114	D114	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
MULTI-PURPOSE ROOM D114.1	D114.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CLASSROOM D115	D115	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM D115	D115.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
CLASSROOM D116	D116	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 3, 6, 16, 17
CLASSROOM D116	D116.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	3, 18
MECH D117	D117	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
VESTIBULE D118	D118	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
MATERIAL RECEIVING D119	D119	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
WALK-IN REFRIGERATOR D120	D120	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
WALK-IN REFRIGERATOR D120	D120.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
STORAGE D121	D121	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
JANITOR D122	D122	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
DRY STORAGE D123	D123	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
ELECTRICAL D124	D124	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
UNISEX D125	D125	(E) 3'-0"X7'-0"							THIS DOOR TO RECEIVE NEW SIGNAGE ONLY						4, 9
UNISEX D126	D126	(E) 3'-0"X7'-0"							THIS DOOR TO RECEIVE NEW SIGNAGE ONLY						4, 9
CORRIDOR D127	D127	(E) PR. 3'-0"X7'-0"	B	WD	–	–	–	2	B	HM	–	–	–	8/A3.1.1	2, 16
BLDG. E															
CLASSROOM E101	E101	**(N) 3'-0"X7'-0"**	B	HM	P	T	–	6	B	HM	P	5/A3.1.1	6/A3.1.1	8/A3.1.1	2, 3, 6, 7, 20
TEACHERS WORK RM. E102	E102	**(N) 3'-0"X7'-0"**	B	HM	P	T	–	6	B	HM	P	3/A3.1.1	4/A3.1.1	8/A3.1.1	2, 3, 6, 7, 21
MECH E103	E103	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P	–	–	–	18
TOILET RM. E104	E104	**(N) 3'-0"X7'-0"**	NO DOOR-CASED OPENING ONLY					–	C	HM	P	7/A3.1.1	7/A3.1.1	–	4, 5, 9, 10, 20

DOOR LEGEND

WD	WOOD	HM	HOLLOW METAL
T	TEMPERED SAFETY	SC	SOLID CORE WOOD
S	STAIN	PM	PREFINISHED METAL
P	PAINT	AL	ALUMINUM
F	FACTORY FINISH	TC	TEMPERED SAFETY CLEAR
E	EXISTING	SS	STAINLESS STEEL
FG	FIBER GLASS		

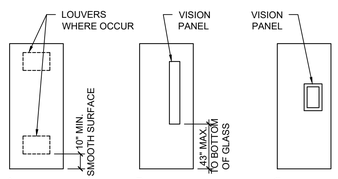
NOTE:
PER CBC SECTION 1010.1.11 ALL DOORS LEADING INTO ROOMS OR SPACES THAT HAVE AN OCCUPANT LOAD OF 5 OR MORE OCCUPANTS SHALL BE EQUIPPED WITH A DOOR LOCKSET TYPE THAT IS LOCKABLE FROM THE INSIDE. THE LOCKSET SHALL CONFORM TO THE SPECIFICATIONS AND REQUIREMENTS OF CBC SECTION 1010.1.9

DOOR NOTES

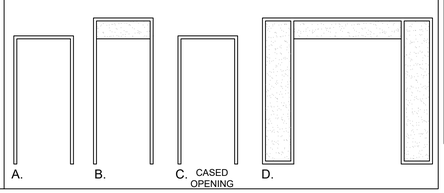
(NOTE: NOT ALL DOOR NOTES MAY BE USED)

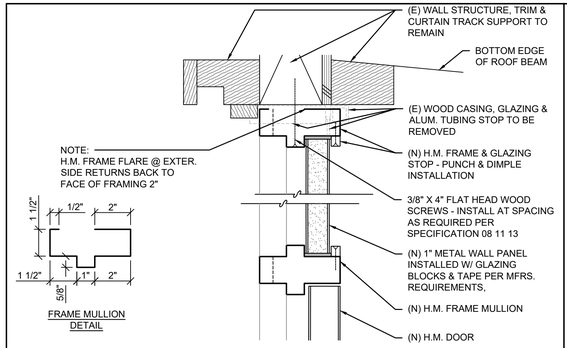
1. EXTERIOR DOORS SHALL BE WEATHER STRIPPED AND ALL JOINTS AND PENETRATIONS SHALL BE CHALKED AND SEALED.
2. PROVIDE TACTILE EXIT SIGN PER DETAIL 3/A0.1
3. PROVIDE ROOM IDENTIFICATION SIGN PER DETAIL 2/A0.1.
4. PROVIDE TOILET ROOM IDENTIFICATION SIGN PER DETAIL 2/A0.1
5. PROVIDE TOILET ROOM DOOR SYMBOLS PER DETAIL 2/A0.1.
6. CBC 11B-404.2.5: ALL THRESHOLDS SHALL BE ½ INCH HIGH MAX. (ABOVE FLOOR AND LANDING ON BOTH SIDES) FLOORING TRANSITIONS PER DETAIL 8/A3.1.1 (CBC 11B-303.2 & 11B-303.3)
   CBC 11B-404.2.8.1: DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE MINIMUM TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS
   CBC 11B-404.2.9 THE MAXIMUM FORCE FOR PUSHING OR PULLING INTERIOR OR EXTERIOR DOORS IS 5 POUNDS.
   CBC 11B-404.2.7: HARDWARE (I.E.LEVER) SHALL BE CENTERED BETWEEN 34" & 44" ABOVE FLOOR.
   CBC 11B-309.4: OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM
7. EXIT DOORS TO BE EQUIPPED WITH PANIC HARDWARE
8. PROVIDE 1'-6" WIDE X 1'-0" HIGH LOUVER @ TOP OF DOOR
9. ALL EXTERIOR DOOR GLAZING SHALL BE DOUBLE PANE INSULATING TEMPERED SAFETY GLASS.
10. FLOOR DOOR STOPS TO BE LOCATED SO AS NOT TO CAUSE A TRIPPING HAZARD AND 4" MAX. FOR WALL.
11. UNDERCUT DOOR FOR ½" MIN. CLEARANCE.
12. UNDERCUT DOOR 1" FOR VENTILATION
13. DOOR EQUIPPED WITH ELECTRONIC ACCESS CONTROL SYSTEM
14. PROVIDE POWER FOR ELECTRIC MOTOR OPERATION. VERIFY SWITCH LOCATION.
15. SEE ORNAMENTAL METAL FENCE DETAILS ON SHEET A1.2.1
16. REMOVE (E) THRESHOLD WHERE OCCURS PRIOR TO DEMO & INSTALLATION OF (N) CONCRETE WALKWAY. DO NOT REMOVE (E) CAST-IN-PLACE STEEL ANGLE @ THRESHOLD. REMOVE (E) DOOR, UNDERCUT DOOR, INSTALL DOOR BOTTOM, INSTALL (N) THRESHOLD FOLLOWING INSTALLATION OF (N) WALKWAY. REINSTALL DOOR AND ADJUST (N) DOOR BOTTOM TO (N) THRESHOLD
17. (E) DOOR, FRAME & HARDWARE TO REMAIN EXCEPT AS NOTED OTHERWISE. PAINT INTERIOR FACE AND EDGES OF (E) DOOR AND FRAME PER INTERIOR ELEVATIONS AND FINISH SCHEDULE. PAINT OVER ALL EXISTING PAINTED SURFACES THAT ARE CURRENTLY PAINTED WITH INTERIOR PAINT. EXTERIOR FACE OF DOOR SHALL NOT BE PAINTED.
18. (E) DOOR, FRAME & HARDWARE TO REMAIN EXCEPT AS NOTED OTHERWISE. PAINT BOTH SIDES OF DOOR & FRAME WITH PAINT COLOR AS INDICATED.
19. (E) DOOR, HARDWARE & SIDE LIGHT GLAZING TO BE REMOVED. MODIFY FRAME AS DETAILED TO ACCEPT (N) METAL WALL PANEL. PAINT EXTERIOR SIDE OF EXISTING FRAME AND (N) METAL WALL PANEL TO MATCH (E) BUILDING PAINT COLORS. PAINT INTERIOR SIDE OF EXISTING FRAME AND (N) METAL WALL PANELS PER INTERIOR ELEVATIONS & FINISH SCHEDULE.
20. FIELD VERIFY (E) DOOR AND/OR FRAME SIZE PRIOR TO ORDERING AND FABRICATION
21. REMOVE (E) DOOR & HARDWARE AND REPLACE WITH (N) DOOR & HARDWARE. PAINT EXTERIOR SIDE OF EXISTING FRAME AND (N) DOOR TO MATCH (E) BUILDING PAINT COLORS. PAINT INTERIOR SIDE OF EXISTING FRAME AND (N) DOOR PER INTERIOR ELEVATIONS & FINISH SCHEDULE.
22. REMOVE (E) DOOR, FRAME & HARDWARE AND REPLACE WITH (N) DOOR, FRAME & HARDWARE. PAINT (N) DOOR AND FRAME PER INTERIOR ELEVATIONS & FINISH SCHEDULE.

DOOR TYPES



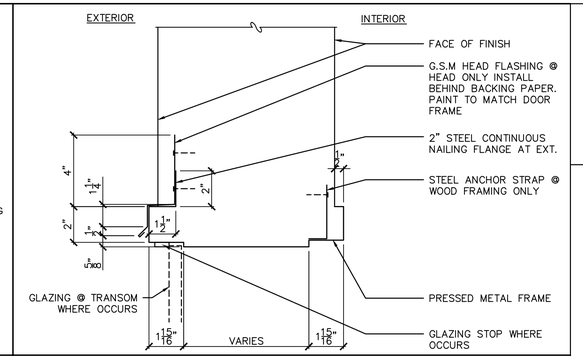
FRAME TYPES





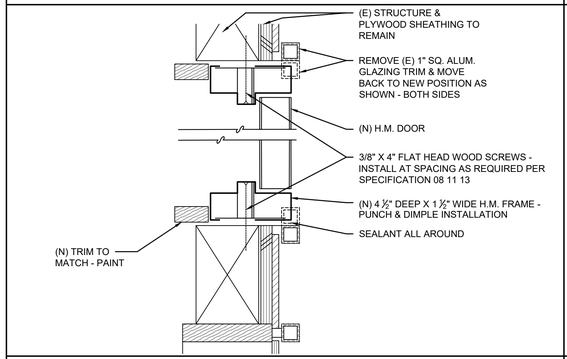
5 EXTERIOR DOOR HEAD W/ TRANSOM

SCALE: 3" = 1'-0"



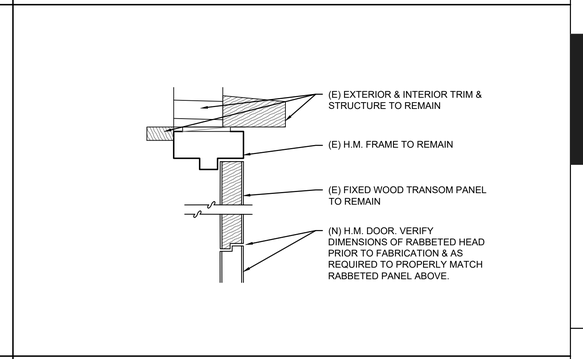
1 TYP. DR./TRANSOM FRAME HEAD/JAMB AT EXTERIOR STUD WALL

SCALE: 3" = 1'-0"



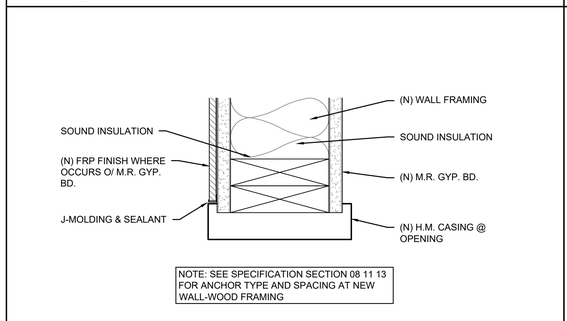
6 EXTERIOR DOOR JAMBS

SCALE: 3" = 1'-0"



2 EXTERIOR DOOR HEAD

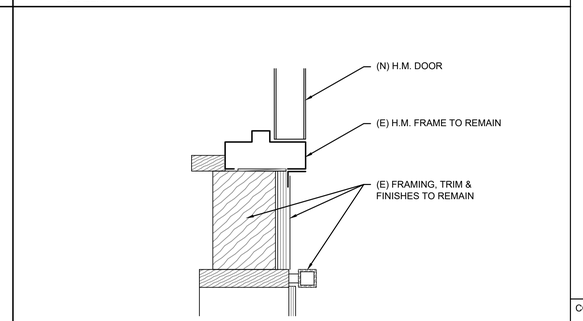
SCALE: 3" = 1'-0"



NOTE: SEE SPECIFICATION SECTION 08 11 13 FOR ANCHOR TYPE AND SPACING AT NEW WALL-WOOD FRAMING

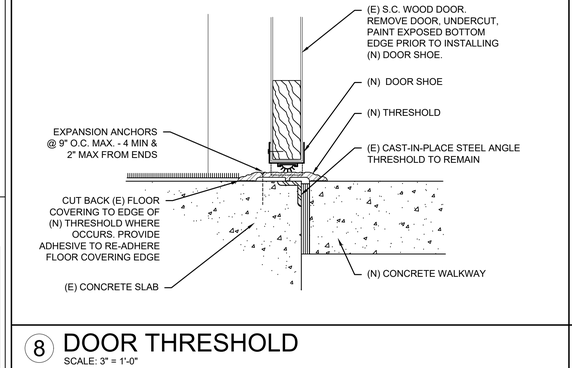
7 CASED OPENING

SCALE: 3" = 1'-0"



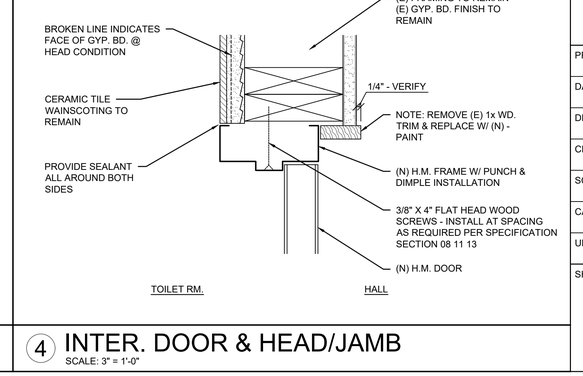
3 EXTERIOR DOOR JAMB

SCALE: 3" = 1'-0"



8 DOOR THRESHOLD

SCALE: 3" = 1'-0"



4 INTER. DOOR & HEAD/JAMB

SCALE: 3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. CARLSON
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DOOR SCHEDULE & DETAILS

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A3.1.1

MATERIALS LEGEND

4B	4" RUBBER BASE
6B	6" INTEGRAL COVE BASE (RESINOUS) 3/4" RADIUS MINIMUM
C1	CARPET TILE
C2	WALK-OFF CARPET TILE
C3	CARPET - ROLL
LVP	LUXURY VINYL PLANK FLOORING
RT	RESILIENT TILE FLOORING
RS	RESILIENT SHEET VINYL FLOORING
RF	RESINOUS FLOOR COATING O/ (E) CONCRETE
RF1	RESINOUS FLOOR COATING O/ (E) CERAMIC TILE
RW1	RESINOUS WALL COATING O/ (E) CERAMIC TILE
G1	5/8" GYPSUM BOARD
G2	5/8" TYPE "X" GYPSUM BOARD
GE	GYPSUM BOARD EXISTING
CS	CONCRETE - SEALED
CSS	CONCRETE - STAINED & SEALED
P	PAINT
PV	PAINT O/ (E) VINYL WALL COVERING
-	NO FINISH
F	FACTORY
FRP1	FIBER REINFORCED PLASTIC PANEL
VW	VINYL WALL COVERING
AT	ACOUSTICAL TILE
A1	2' X 4' SUSPENDED ACOUSTICAL CEILING SYSTEM TYPE 1
A2	2' X 2' SUSPENDED ACOUSTICAL CEILING SYSTEM TYPE 1
A3	2' X 4' SUSPENDED ACOUSTICAL CEILING SYSTEM TYPE 2
WD	WOOD DECK
I	INSULATION - EXPOSED
MISC	MISCELLANEOUS FINISHES - SEE DRAWINGS
(E)	EXISTING
(N)	NEW

NOTES

1. USE WATER RESISTANT GYPSUM BOARD AT KITCHEN, BATHROOMS AND WET AREAS - TYPICAL.
2. INTEGRAL COVE BASE MUST HAVE 3/4" MINIMUM RADIUS COVING AT FLOOR AND SHALL EXTEND AT LEAST 6" UP WALL. SEE DETAIL 5/A0.2.
3. PROVIDE R-19 BATT INSULATION AT EXTERIOR WOOD STUD WALLS; PROVIDE R-38 BATT INSULATION AT ROOF JOISTS
4. EXTERIOR WALL INSULATION SHALL EXTEND TO THE ROOF STRUCTURE AND SHALL CREATE AN ENVELOPE WITH THE ROOF INSULATION.
5. BATT INSULATION INSTALLED AT THE ROOF SHALL NE INSTALLED BETWEEN JOISTS. WHERE BATT ROOF INSULATION IS EXPOSED TO OCCUPIED SPACE BELOW, THE INSULATION SHALL BE PAPER FACE AND INSTALLED NEATLY, READY FOR PAINT.
6. PROVIDE SOUND INSULATION AT INTERIOR WALLS AND CEILING.
7. PAINTED DOORS, WALLS AND CEILINGS IN KITCHEN, RESTROOMS AND JANITOR ROOMS TO BE SEMI-GLOSS.
8. PAINT AROUND (N) DOOR FRAMES WHERE WALL FINISHES WERE REMOVED, DAMAGED AND REPLACED.
9. CONTRACTOR OR PAINTING CONTRACTOR TO REPAIR AND/OR PATCH BACK (E) VINYL WALL COVERING WITH NEW WHERE DAMAGED, MISSING OR LOOSE PRIOR TO PAINTING WALL.

MATERIAL & FINISH SCHEDULE

ROOM NUMBER	NUMBER	ROOM NAME	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	BASE FINISH	WAINSCOT MATERIAL	WAINSCOT FINISH	WALLS N MATERIAL	WALLS N FINISH	WALLS E MATERIAL	WALLS E FINISH	WALLS S MATERIAL	WALLS S FINISH	WALLS W MATERIAL	WALLS W FINISH	CEILING MATERIAL	CEILING FINISH	CEILING HEIGHT	NOTES
		BUILDING A																		
A101		CLASSROOM	(N) LVP	F	(N) 4B	F	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
A102		CLASSROOM	(N) LVP	F	(N) 4B	F	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
A103		CLASSROOM	(N) LVP	F	(N) 4B	F	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
A104		CLASSROOM	(N) LVP	F	(N) 4B	F	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
A105		CLASSROOM	(N) LVP	F	(N) 4B	F	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	AT	(N) P	VARIES	9
A106		TEACHERS WORK. RM.	(N) LVP	F	(N) 4B	F	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	–	9
A107		GIRLS	(N) RF1	F	(N) RF1	F	(N) RW1	F	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	–	2, 7, 8
A108		JAN.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
A109		BOYS	(N) RF1	F	(N) RF1	F	(N) RW1	F	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	–	2, 7, 8
A110		HALL	(N) LVP	F	(N) 4B	–	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	–	9
A111		MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
		BUILDING B																		
B101		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
B102		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
B103		LIBRARY	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
B104		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
B105		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	AT	(N) P	VARIES	9
B106		TEACHERS WORK. RM.	(N) LVP	F	(N) 4B	–	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	–	9
B107		GIRLS	(N) RF1	F	(N) RF1	F	(N) RW1	F	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	–	2, 7, 8
B108		JAN.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
B109		BOYS	(N) RF1	F	(N) RF1	F	(N) RW1	F	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	–	2, 7, 8
B110		HALL	(N) LVP	F	(N) 4B	–	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	–	9
B111		MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
		BUILDING C																		
C101		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
C102		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
C103		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
C103.1		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
C104		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
C105		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	AT	(N) P	VARIES	9
C106		TEACHERS WORK. RM.	(N) LVP	F	(N) 4B	–	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	–	9
C107		GIRLS	(N) RF1	F	(N) RF1	F	(N) RW1	F	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	–	2, 7, 8
C108		JAN.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
C109		BOYS	(N) RF1	F	(N) RF1	F	(N) RW1	F	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	(E) G1	(N) P	–	2, 7, 8
C110		HALL	(N) LVP	F	(N) 4B	–	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	–	9
C111		MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
		BUILDING D																		
D108		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
D109		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
D115		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
D116		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
		BUILDING E																		
E101		CLASSROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
E102		TEACHERS WK. ROOM	(N) LVP	F	(N) 4B	FINISH	–	–	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	(E) VW	(N) P	MISC.	(N) P	VARIES	9
E103		MECH.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
E104		TOILET RM.	(N) RF	F	(N) RF	F	(N) FRP1	F	(E)/(N)G1	(N) FRP1	(N) G1	(N) FRP1	(E)/(N)G1	(N) FRP1	(E)/(N)G1	(N) FRP1	(N) G1	(N) P	–	2, 6, 7

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

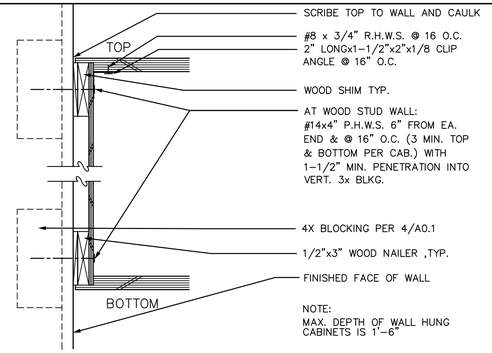
MATERIAL & FINISH SCHEDULE

CONSULTANT

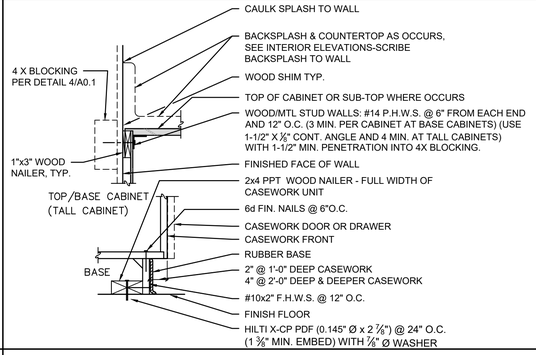
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A3.1.2



3 WALL HUNG CAB. ANCHORS
N.T.S.



2 CABINET ANCHORAGE
N.T.S.

NOT USED

1

CASEWORK SCHEDULE (NOT ALL CASEWORK TYPES MAY BE USED)

KEY / CABINET NUMBER	CDS NUMBER*	SIZE (INCHES) WIDTH	HEIGHT	DEPTH	FINISH: CASEWORK PLASTIC LAMINATE				COUNTERTOP FINISH PLASTIC LAMINATE				NOTES
101A	101	12	30	24	●				●				1, 3
101B	101	16	30	24	●				●				1, 3
102A	102	36	31	24	●				●				1, 3, 7
102B	102	30	34	24	●				●				1, 3
152A	152	36	31	24	●				●				1, 3
211A	211	24	34	24	●				●				1, 3
212A	212	30	34	24	●				●				1, 3
222A	222	36	34	24	●				●				1, 3
223A	223	24	30	24	●				●				1, 3
223B	223	16	30	24	●				●				1, 3
254A	254	18	31	24	●				●				1, 3
254B	254	16	30	24	●				●				1, 3
300A	300	36	48	8	●								3, 4
300B	300	32	60	VARIES	●								3, 5
301A	301	18	30	14	●								3, 7
302A	302	36	30	14	●								3, 7
444A	444	72	36	18	●				●				8 - CUBBIES @ +/- 18" W. X 15" T. notes 1, 3
600A	600	36	36	12	●				●				3

NOTES
1. HEIGHT PROVIDED FOR BASE CABINETS IF FROM FINISHED FLOOR TO TOP OF COUNTER TOP. ACTUAL HEIGHT OF BASE CABINET IS LESS.
2. SEE DETAIL 1 THIS SHEET FOR ADA SINK BASE DETAIL.
3. SEE DETAILS 2 AND 3 THIS SHEET FOR CABINET ANCHORAGE.
4. FIELD VERIFY DIMENSIONS AND MAKE DIMENSIONAL MODIFICATIONS AS NECESSARY.
5. 3-SIDED CORNER SHELF UNIT. WIDTH DIMENSION IS DIMENSION OF EXPOSED SIDE.
6. NO BOTTOM, PARTIAL DEPTH SHELF REQUIRED
7. PROVIDE QUANTITY OF ADJUSTABLE SHELVES AS INDICATED ON ELEVATION.

* CDS NUMBER DESIGNATION ARE PER NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS, CASEWORK DESIGN SERIES (CDS) NUMBERS

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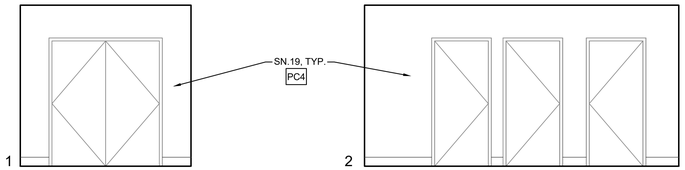
CASEWORK SCHEDULE

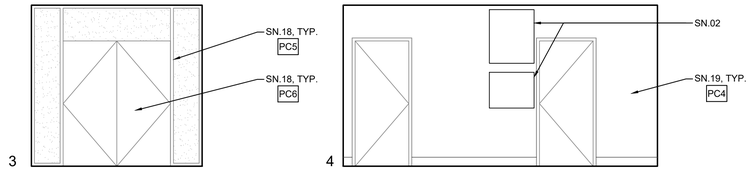
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SHEET NO.

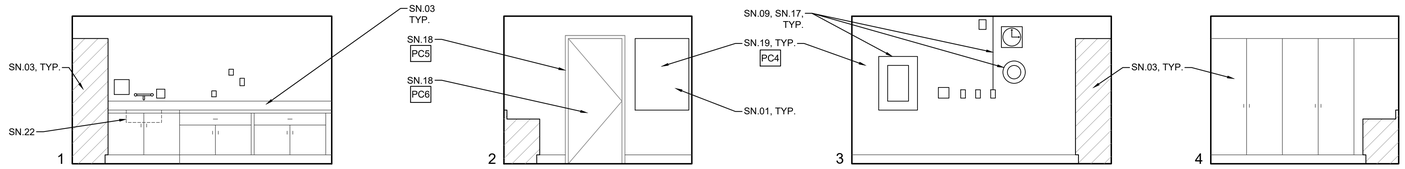
A3.1.3





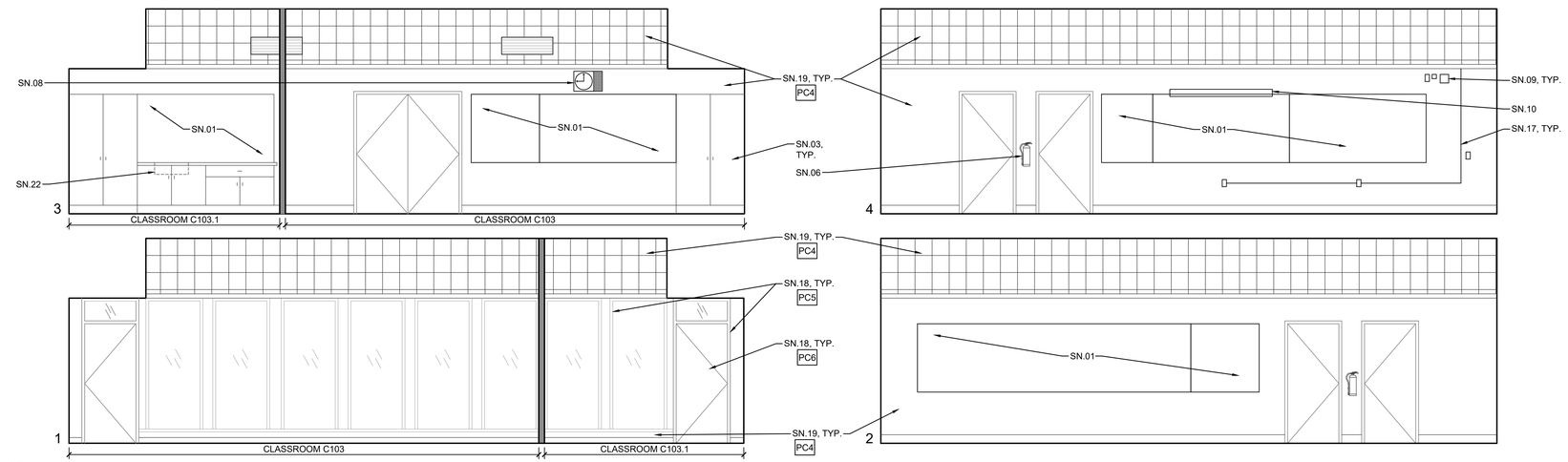
4 A5.1.C INTERIOR ELEVATIONS - HALL - C110

SCALE: 1/4" =1'-0" 0 1' 2' 4' 8'



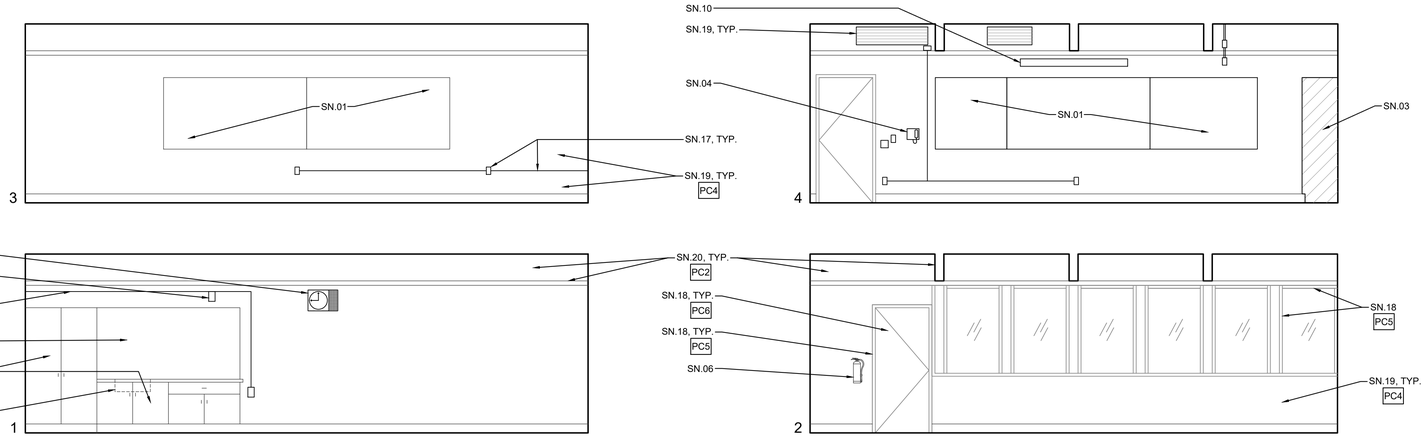
3 A5.1.C INTERIOR ELEVATIONS - TEACHERS WORK RM. - C106

SCALE: 1/4" =1'-0" 0 1' 2' 4' 8'



2 A5.1.C INTERIOR ELEVATIONS - INSTRUCTIONAL MATERIALS CENTER - C103/C103.1

SCALE: 1/4" =1'-0" 0 1' 2' 4' 8'



1 A5.1.C INTERIOR ELEVATIONS - CLASSROOM C101/C102/C104/C105

SCALE: 1/4" =1'-0" 0 1' 2' 4' 8'

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.

2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.

3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED

SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED

SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED

SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS

SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.

SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS

SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED

SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.

SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.

SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.

SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.

SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS

SN.15 NO NEW WORK THIS SPACE

SN.16 DISABLED ACCESSIBLE

SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.

SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.

SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.

SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL

SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.

SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.

SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.

SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.

SN.25 PREP AND PAINT (E) WOOD SHELVING

SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

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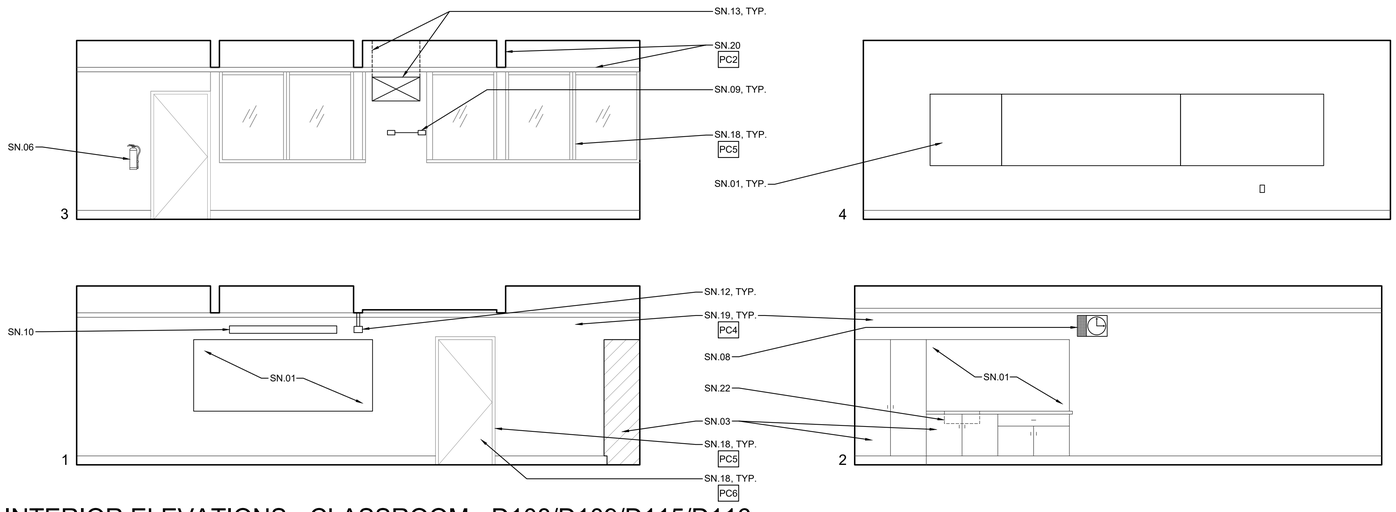
INTERIOR ELEVATIONS - BUILDING C

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
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CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A5.1.C



1 A5.2.D INTERIOR ELEVATIONS - CLASSROOM - D108/D109/D115/D116

SCALE: 1/4" =1'-0" 0 2' 8' 1' 4'

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED

SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED

SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED

SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS

SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.

SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS

SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED

SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.

SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.

SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.

SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.

SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS

SN.15 NO NEW WORK THIS SPACE

SN.16 DISABLED ACCESSIBLE

SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.

SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.

SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.

SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL

SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.

SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.

SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.

SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.

SN.25 PREP AND PAINT (E) WOOD SHELVING

SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

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DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

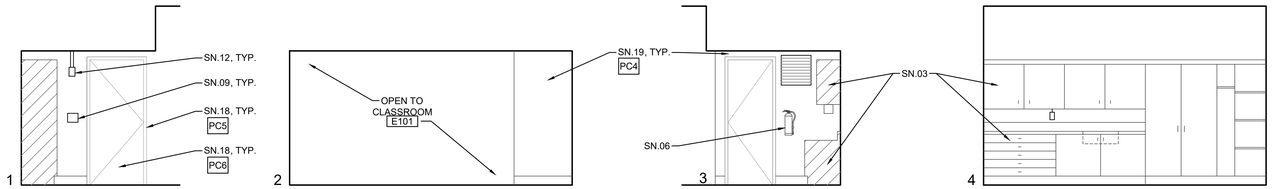
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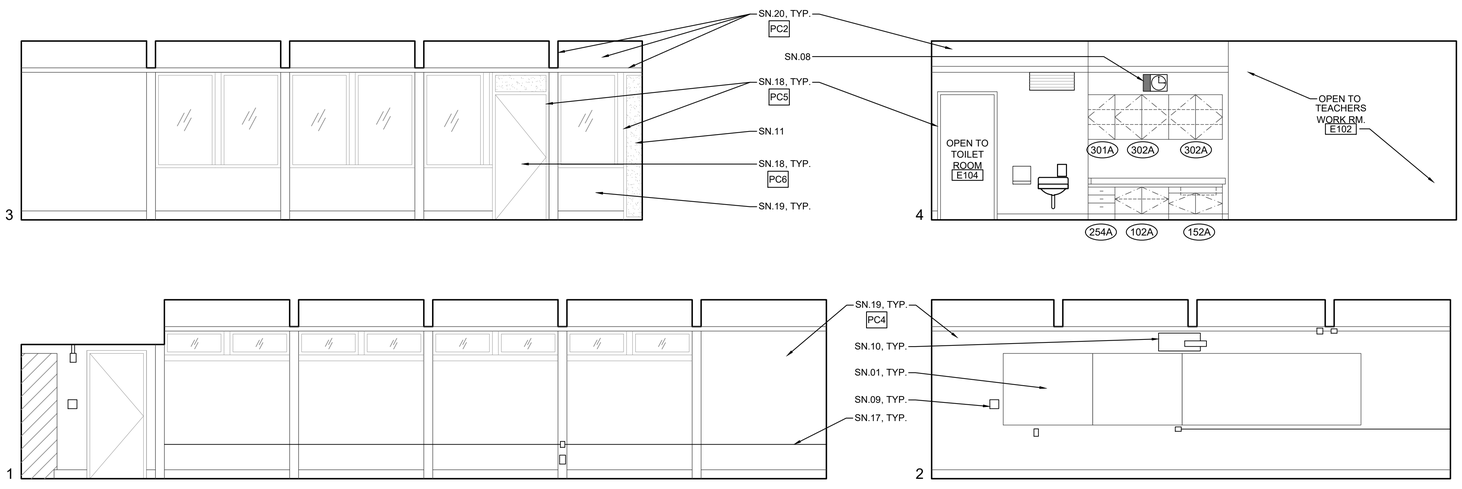
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A5.1.D



2 A5.1.E INTERIOR ELEVATIONS - TEACHERS WK. ROOM E102

SCALE: 1/4" =1'-0"



1 A5.1.E INTERIOR ELEVATIONS - CLASSROOM E101

SCALE: 1/4" =1'-0"

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED

SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED

SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED

SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS

SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.

SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS

SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED

SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.

SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.

SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.

SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.

SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS

SN.15 NO NEW WORK THIS SPACE

SN.16 DISABLED ACCESSIBLE

SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.

SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.

SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.

SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL

SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.

SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.

SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.

SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.

SN.25 PREP AND PAINT (E) WOOD SHELVING

SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D.1 PLASTIC LAMINATE CASEWORK

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. BRYANT
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

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A5.1.E

STRUCTURAL STEEL NOTES:

1. THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2019 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 16th EDITION.

2. STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING

2.1	PIPE	ASTM A53, Fy = 35 KSI
2.2	ANGLES	ASTM A36, Fy = 36 KSI
2.3	BARS AND PLATES	ASTM A36, Fy = 36 KSI
2.4	RECTANGULAR HSS	ASTM A500, GRADE B, Fy = 46 KSI

3. WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.

4. ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE $\frac{5}{64}$" MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE $\frac{5}{32}$" MAX DIAMETER.

5. ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.

6. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE $1\frac{1}{2}$" MINIMUM COVER.

7. ALL STEEL BOLTS ARE TO HAVE STANDARD GAGE AND PITCH PER AISC. ALL STEEL-TO-STEEL BOLTED CONNECTIONS SHALL BE WITH A325-N BOLTS, UNO. ALL EMBEDDED ANCHOR BOLTS SHALL BE F1554 GRADE 36 UNO. HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE $\frac{1}{16}$" OVERSIZE AND HOLES AT STEEL COLUMN BASE PLATES ARE TO BE $\frac{1}{8}$" OVERSIZE, UNO.

8. STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:

   8.1 STEEL SURFACES EMBEDDED IN CONCRETE
   8.2 SURFACES TO BE FIELD WELDED
   8.3 CONTACT SURFACES WITH HIGH STRENGTH BOLTED CONNECTIONS

9. ALL STRUCTURAL COLUMNS ARE TO BE SET UPON ANCHOR RODS WITH LEVELING NUTS ALLOWING APPROXIMATELY $1\frac{1}{2}$" ± CLEARANCE. CLEARANCE SPACE UNDER COLUMNS AND BLOCK-OUTS IN CURBS FOR COLUMN PLACEMENT ARE TO BE FILLED WITH A NON-SHRINK, HIGH-STRENGTH, POURABLE GROUT.

POST INSTALLED ANCHOR NOTES:

1. ALL POST INSTALLED ANCHORS ARE TO BE INSTALLED PER MANUFACTURER FOR EACH ANCHOR AND PER THE ICC REPORTS LISTED BELOW.

2. ALL POST-INSTALLED ANCHORS ARE TO BE CAREFULLY INSTALLED SO AS TO NOT DISTURB OR DAMAGE THE STEEL REINFORCING IN ANY WAY. ANCHORS MAY NOT BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED A MINIMUM AGE OF 28 DAYS

3. ALL HOLES FOR DRILLED-IN ANCHORS SHALL BE COMPLETELY DRY AND WELL CLEANED WITH A BOTTLE BRUSH AND COMPRESSED AIR PRIOR TO INSTALLING THE ANCHORS.

4. ALL DRILLED-IN ANCHORS SHALL BE TESTED PER CHAPTER 17 OF THE 2019 CBC. ALL TESTING SHALL BE DONE BY A CERTIFIED TESTING LABORATORY AND SHALL BE PERFORMED IN THE PRESENCE OF A SPECIAL INSPECTOR.

5. POST-INSTALLED ANCHORS ARE TO BE AS FOLLOWS:

   5.1 EXPANSION ANCHORS IN CONCRETE
   HILTI KB TZ2 PER ICC ESR 4266

   5.2 EXPANSION ANCHORS IN FULLY GROUTED CMU
   HILTI KB TZ2 PER ICC ESR 4561

6. POST-INSTALLED ANCHORS ARE TO BE INSTALLED ONLY WHERE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS, WITH EMBEDMENTS AND PROOF TESTING AS SPECIFICALLY IDENTIFIED IN EACH APPLICABLE DETAIL. FOR ADDITIONAL INFORMATION, UNO, FOR EXPANSION ANCHORS, SEE TABLE BELOW.

7. POST-INSTALLED ANCHORS MAY NOT BE USED AT LOCATIONS OTHER THAN THOSE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.

CONCRETE: HILTI KWIK BOLT TZ2 EXPANSION ANCHORS
SEE ICC-ER ESR-4266 TABLE 1

ANCHOR DIAMETER	$\frac{3}{8}$"Ø	$\frac{1}{2}$"Ø	$\frac{5}{8}$"Ø
BIT DIAMETER	$\frac{3}{8}$"Ø	$\frac{1}{2}$"Ø	$\frac{5}{8}$"Ø
NOMINAL EMBEDMENT	$2\frac{1}{2}$"	$2\frac{1}{2}$"	$4\frac{1}{2}$"
HOLE DEPTH	$2\frac{3}{4}$"	$2\frac{3}{4}$"	$4\frac{3}{4}$"
TORQUE (STAINLESS STEEL)	30 FT-LB	40 FT-LB	60 FT-LB

CMU: HILTI KWIK BOLT TZ2 EXPANSION ANCHORS
SEE ICC-ER ESR-4561 TABLE 1

ANCHOR DIAMETER	$\frac{3}{8}$"Ø	$\frac{1}{2}$"Ø	$\frac{5}{8}$"Ø
BIT DIAMETER	$\frac{3}{8}$"Ø	$\frac{1}{2}$"Ø	$\frac{5}{8}$"Ø
NOMINAL EMBEDMENT	$2\frac{1}{2}$"	$2\frac{1}{2}$"	$4\frac{1}{2}$"
HOLE DEPTH	$2\frac{3}{4}$"	$2\frac{3}{4}$"	$4\frac{3}{4}$"
TORQUE (STAINLESS STEEL)	30 FT-LB	40 FT-LB	60 FT-LB

STEEL REINFORCING NOTES:

1. ALL CONCRETE REINFORCING SHALL CONFORM TO THE 2019 CBC AND BE DETAILED, FABRICATED, AND PLASED PER ACI 318-14, AND PER THE LATEST EDITION OF ACI 315.

2. REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60. ALL REINFORCEMENT TO BE WELDED SHALL BE ASTM A-706, GRADE 60 (SEE NOTE 10 BELOW).

3. ALL BENDING OF REINFORCEMENT PER ACI. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.

4. REINFORCEMENT IN SLABS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.

5. LAP SPLICES OF CONCRETE REINFORCEMENT

   5.1 #3 BARS = 30"
   5.2 #4 BARS = 40"
   5.3 #5 BARS = 48"
   5.4 #6 BARS = 60"

6. ALL ADJACENT REINFORCING LAPS ARE TO BE STAGGERED A MINIMUM OF 5'-0".

7. REINFORCING SHALL BE PLACED WITH THE FOLLOWING MINIMUM CLEAR COVERAGE, UNO:

   7.1 POURED AGAINST EXCAVATIONS/GROUND = 3"
   7.2 POURED AGAINST FORMS, EXPOSED TO SOIL = 2"
   7.3 CONCRETE EXPOSED TO WEATHER =$1\frac{1}{2}$"
   7.4 SLABS ON GRADE - CENTER REINFORCING WITHIN SLAB DEPTH

8. REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS NOT PERMITTED.

9. WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.

10. WELDING OF REINFORCING IS NOT PERMITTED UNLESS SHOWN ON THESE DRAWINGS OR WITH PRIOR WRITTEN APPROVAL FROM THE SEOR.

CONCRETE MASONRY NOTES:

1. ALL CONCRETE MASONRY UNITS SHALL BE GRADE N WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH = 2000 PSI. USE OPEN END UNITS AS REQUIRED TO MAINTAIN REINFORCEMENT CLEARANCES AND PROPERLY CONSOLIDATE GROUT. ALL CELLS TO BE SOLID GROUTED. UNITS TO BE SAMPLED AND TESTED TO VERIFY CONFORMANCE WITH ASTM C90.

2. GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH = 2000 PSI AND HAVE MINIMUM 7 SACKS OF CEMENT/CU YD. ADD ONE POUND SIKA GROUT AID PER 100 LB OF CEMENT. GROUT SHALL CONFORM WITH TMS 602.

3. MORTAR SHALL BE TYPE S IN ACCORDANCE WITH TMS 602 WITH A MINIMUM 28-DAY STRENGTH OF 1800 PSI.

4. LAP ALL REINFORCEMENT 80 BAR DIAMETERS UNLESS NOTED OTHERWISE. WHERE LAPS OF ADJACENT BARS ARE SPACED 3" OR LESS, INCREASE LAP LENGTH 30%.

5. ALL REINFORCEMENT TO BE TIED AND SECURED IN PLACE PRIOR TO GROUTING.

6. LOW-LIFT GROUTED CONSTRUCTION IS TO BE PER 2019 CBC 2104A.1.3.1.2.2. HIGH-LIFT GROUTED CONSTRUCTION IS TO BE PER 2019 CBC 2104A.1.3.1.2.3. HIGH-LIFT GROUTED CONSTRUCTION REQUIRES DSA APPROVAL AND SHALL BE IN ACCORDANCE WITH DSA IR 21-2.

7. PROVIDE INVERTED BOND UNIT AT BOTTOM OF ALL LIFTS AS REQUIRED TO FACILITATE PLACEMENT OF CLEAN OUTS.

8. FOOTING DOWELS WITH STANDARD HOOK SHALL MATCH SIZE AND SPACING OF VERTICAL REINFORCEMENT UNO. PROVIDE MINIMUM LAP W/ VERTICAL REINFORCEMENT AND EXTEND HOOKED END TO WITHIN 3" OF BOTTOM OF FOOTING UNO.

9. PROVIDE 2-#5 CONT IN BOND BEAM UNITS AT THE TOPS OF WALLS AND AT ALL ROOF LEDGER LOCATIONS

10. PROVIDE TEMPLATES AS REQUIRED TO SECURE BOLTS IN POSITION. PROVIDE 1" MIN GROUT AROUND BOLTS.

11. PROVIDE CONTROL JOINTS @ 40'oc MAX SPACING.

12. PROVIDE TEST AND INSPECTIONS IN COMPLIANCE WITH TMS 402 FOR LEVEL B QUALITY ASSURANCE.

CONCRETE NOTES:

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 2019 CBC AND ACI 318-14.

2. ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE AND SUPPORTED BY PREVIOUS TEST RECORDS.

3. STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

   3.1 CLASS A — FOR USE AT FOUNDATIONS AND OTHER CONCRETE GREATER THAN 8" THICKNESS
   28-DAY STRENGTH, F'c = 3,500 PSI
   MAX AGGREGATE SIZE = $1\frac{1}{2}$"
   MAX WATER TO CEMENT RATIO = 0.55
   SLUMP = 4" ± 1"

   3.2 CLASS B — FOR USE AT CONCRETE 8" OR LESS IN THICKNESS INCLUDING INTERIOR SLABS AND EXTERIOR SLAB AT TRASH ENCLOSURE
   28-DAY STRENGTH, F'c = 4,000 PSI
   MAX AGGREGATE SIZE = $\frac{3}{4}$"
   MAX WATER TO CEMENT RATIO = 0.45
   SLUMP = 4" ± 1"

   3.2 CLASS C — FOR USE AT EXTERIOR SLABS ON GRADE, WALKWAYS, RAMPS, ETC.
   28-DAY STRENGTH, F'c = 3,000 PSI
   MAX AGGREGATE SIZE = 1"
   MAX WATER TO CEMENT RATIO = 0.55
   SLUMP = 4" ± 1"

   NOTE: CONCRETE TYPE CLASS B MAY BE USED IN LIEU OF CLASS A WHEN FOOTINGS, CURBS, AND SLABS ARE POURED MONOLITHICALLY.

4. CONSTITUENTS OF STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:

   4.1 PORTLAND CEMENT PER ASTM C-150 TYPE I OR II
   4.2 COARSE AND FINE AGGREGATES PER ASTM C-33
   4.3 REINFORCING PER ASTM A615 GRADE 60, UNO
   4.4 FLY ASH PER ASTM C-618 CLASS N OR F
   4.5 ADMIXTURES PER PROJECT SPECIFICATIONS

5. ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.

6. ALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.

7. FREE-FALL OF CONCRETE SHALL BE LIMITED TO 4'-0" MAX. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEPARATION OF AGGREGATES.

8. CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.

9. CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO $\frac{1}{4}$" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

10. ALL FORMWORK TO REMAIN IN PLACE FOR DURATION AS REQUIRED BY LATEST EDITION OF ACI 318.

11. REFER TO ACI RECOMENDATIONS FOR PLACING AND CURING CONCRETE IN COLD AND HOT WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS

12. CONTRACTOR IS RESPONSIBLE FOR DETERMING AND IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO ACI 308R.

13. ALL SLABS SHALL BE FLAT AND LEVEL W/A TOLERANCE OF $\frac{3}{16}$" IN 10' FOR FLATNESS AND MINIMUM LOCAL VALUE F = 32 PER ASTM 1155. THE PROJECT OWNER MAY REJECT ANY CONSTRUCTION THAT DOES NOT MEET THE FLATNESS CRITERIA NOTED WITH REPLACEMENT AT CONTRACTOR'S EXPENSE.

14. CONDUITS AND PIPES EMBEDDED IN THE SLAB (OTHER THAN THOSE PASSING VERTICALLY THROUGH) SHALL NOT BE PERMITTED. CONTRACTOR TO SUBMIT FOOTING PENETRATIONS TO STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

15. DSA AND THE STRUCTURAL ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 48 HOURS BEFORE PLACING CONCRETE (T-24 PART 1, 4-331).

DESIGN CRITERIA:

1. PROJECT ADDRESS: 1100 NORTH HAM LANE
   LODI, CA 95242

2. BUILDING CODE: 2019 CALIFORNIA BUILDING CODE

3. GRAVITY LOADS:
   ESTIMATES OF AS-BUILT CONDITIONS FOR EXISTING BUILDINGS
   BUILDING ROOFS
   ROOF LIVE LOAD = 20 PSF (REDUCIBLE)
   ROOF DEAD LOAD = 20 PSF
   WALL WEIGHTS
   EXTERIOR WALLS = 15 PSF
   INTERIOR WALLS = 10 PSF

4. LATERAL LOADS: RISK CATEGORY III
   WIND LOADS (ASCE 7-16)
   BASIC WIND SPEED 100 MPH (77 MPH ASD)
   EXPOSURE C
   BUILDINGS ARE CONSIDERED "ENCLOSED"

   PRESSURE COEFFICIENTS
   INTERNAL PRESSURE COEFFICIENT, GC_{pi} = ± 0.18
   TOPOGRAPHIC FACTOR, K_{zt} = 1.00
   WIND DIRECTIONALITY FACTOR, K_d = 0.85

   VELOCITY PRESSURES
   q (0'-15') = 11.0 PSF (ASD)
   q (15'-20') = 11.6 PSF (ASD)

   SEISMIC LOADS (ASCE 7-16) - NEW TRASH ENCLOSURE

SITE CLASS	D	R =	1.25
SEISMIC DESIGN CATEGORY	D	Ω =	2.0
IMPORTANCE FACTOR	1.25	Cd =	2.50
REDUNDANCY, ρ	1.0		

S_S =	0.614	S_1 =	0.257
F_a =	1.309	F_v =	2.080
S_{MS} =	0.803	S_{M1} =	0.535
S_{DS} =	0.536	S_{D1} =	0.357

INSPECTION NOTES:

1. ALL TESTS AND INSPECTIONS ARE TO BE PROVIDED BY A QUALIFIED TESTING LAB OF RECORD, HIRED BY THE DISTRICT (T-24 PART 1, 4-335).

2. ALL TESTS AND INSPECTIONS SHALL CONFORM TO CHAPTER 17A OF THE 2019 CBC AND THE PROJECT SPECIFIC DSA-103.

3. ALL SPECIAL INSPECTORS SHALL HAVE A MINIMUM OF THREE YEARS OF EXPERIENCE WITH MATERIAL BEING INSPECTED.

FOUNDATION NOTES:

1. FOUNDATIONS ARE DESIGNED ACCORDING TO THE 2019 CBC TABLE 1806A.2.

2. FOOTINGS SHALL BEAR ON FIRM, DRY, NATIVE SOIL.

3. FOOTING DEPTHS INDICATED ON PLANS ARE MINIMUMS. AREAS OF OVER-EXCAVATION SHALL BE BACKFILLED WITH LEAN MIX CONCRETE HAVING A MINIMUM 28-DAY STRENGTH OF 1,500 PSI.

4. FOOTINGS MAY BE OVER-EXCAVATED AT CONTRACTOR'S OPTION FOR PLACEMENT OF LEAN MIX CONCRETE TO FACILITATE THE REMOVAL OF DEBRIS AND STANDING WATER.

5. ALL FOOTINGS NOT FORMED SHALL BE POURED IN NEAT EXCAVATIONS. BOTTOMS OF EXCAVATIONS SHALL BE LEVEL, WITH CHANGES IN ELEVATION ONLY AS NOTED IN THESE DRAWINGS.

6. SEOR SHALL BE NOTIFIED IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN THOSE SHOWN ON CONTRACT DRAWINGS.

7. SEOR SHALL BE NOTIFIED A MINIMUM OF 48-HOURS PRIOR TO THE PLACING OF CONCRETE SLABS AND FOUNDATIONS.

STRUCTURAL SHEET INDEX:

S0.1	GENERAL NOTES
S0.2	GENERAL NOTES & TYPICAL DETAILS
S2.1	STRUCTURAL BUILDING PLANS
S2.1E	PARTIAL PLANS - BUILDING E
S2.2	TRASH ENCLOSURE PLANS & DETAILS
S4.1	DETAILS

ABBREVIATIONS:

@	AT
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ARCH	ARCHITECT/ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
B.O.	BOTTOM OF
CBC	CALIFORNIA BUILDING CODE
CFS	COLD-FORMED STEEL
CMU	CONCRETE MASONRY UNIT
Ø	DIAMETER
DWGS	DRAWINGS
DSA	DIVISION OF THE STATE ARCHITECT
ES	EDGE SCREW w/SPACING PER SHEAR WALL DIAGRAMS
F.O.	FACE OF
HD	HOLDOWN
HSS	HOLLOW STRUCTURAL SECTION
L	STEEL ANGLE
MAX	MAXIMUM
MC	MISCELLANEOUS CHANNEL
MIN	MINIMUM
NTS	NOT TO SCALE
#	NUMBER OR POUNDS
oc	ON CENTER
OH	OPPOSITE HAND
PAF	POWDER-ACTUATED FASTENER
PJ	PANEL JOINT
SEOR	STRUCTURAL ENGINEER OF RECORD
SMS	SHEET METAL SCREW
T & B	TOP AND BOTTOM
THRU	THROUGH
T.O.	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
w/	WITH

GENERAL NOTES:

1. ALL NEW WORK SHALL CONFORM TO TITLE 24 2019 EDITIONS WITH AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.

2. THIS SET OF STRUCTURAL DRAWINGS IS APPLICABLE ONLY TO THE LISTED PROJECT AND SITE LOCATION.

3. NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.

6. STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMING, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

7. A COPY OF TITLE 24 CCR PARTS 1 -5 SHALL BE KEPT ON SITE AT ALL TIMES (T-24 PART 1, 4-317(c).

8. ALL CHANGES TO THE ACCESSIBILITY, FIRE AND LIFE SAFETY, AND STRUCTURAL PORTIONS OF THE APPROVED DRAWINGS SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD). ALL SUCH CHANGES BY CCD ARE TO BE SIGNED BY THE SEOR, THE OWNER, AND APPROVED BY DSA. CHANGES BY CCD ARE NOT VALID UNTIL APPROVED BY DSA (T-24, PART 1, 4-338).

9. A PROJECT INSPECTOR (INSPECTOR OF RECORD, IOR) EMPLOYED BY THE OWNER/DISTRICT AND CERTIFIED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK

10. THE STRUCTURAL ENGINEER SHALL PERFORM DUTIES PER T-24 PART 1, 4-333(a) AND 4-341. THE CONTRACTOR SHALL PERFORM DUTIES PER 4-343. THE IOR SHALL PERFORM DUTIES PER T-24 PART 1, 4-342.

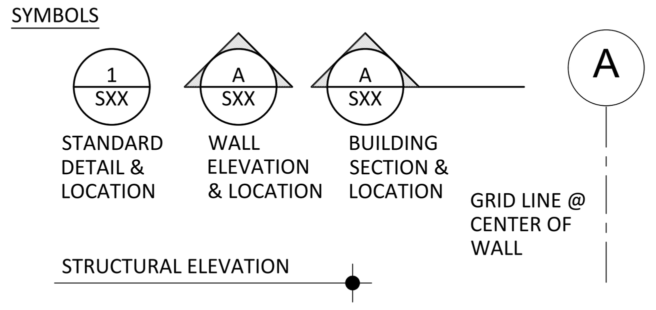
DRAWING STANDARDS:

SHEET NUMBERING

- STRUCTURAL SHEETS
- DRAWING TYPE
  - 0 TYPICAL
  - 2 PLANS
  - 3 ELEVATIONS & SECTIONS
  - 4 DETAILS
- BUILDING DESIGNATION
- SHEET NUMBER WITHIN DRAWING TYPE

S2.1.1

SYMBOLS



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN L. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

GENERAL NOTES

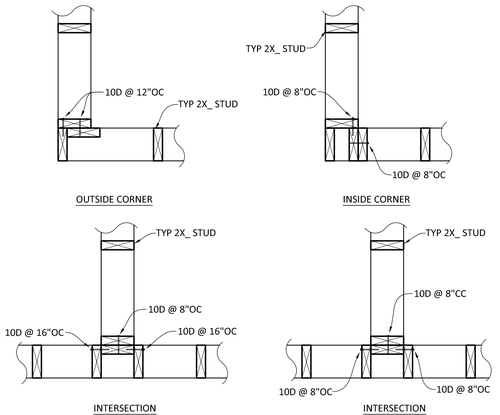
RW CONSULTING Engineers Inc
1450 HARBOR BLVD SUITE F
WEST SACRAMENTO, CA 95691
916.716.6910

REGISTERED PROFESSIONAL ENGINEER GREGORY I. RICHARDS S-4555 Exp. 12/31/2022 STRUCTURAL STATE OF CALIFORNIA
12/16/2022

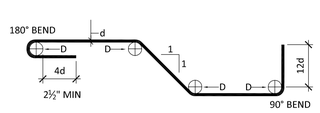
PROJECT NO.	REVISIONS	BY
PROJECT NO. 21-32-052		
DATE 3/28/2022		
DRAWN DI		
CHECKED GR		
SCALE		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

S0.1



WALL INTERSECTIONS 4



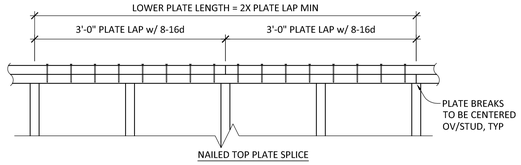
D = 6d FOR #3 THRU #8 BARS
D = 8d FOR #9 THRU #11 BARS

REINFORCING BARS & STANDARD HOOKS

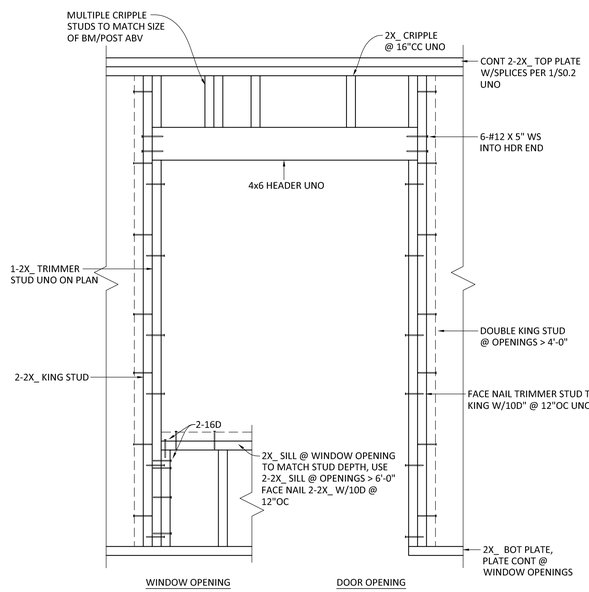
NOTES:

1. THE ABOVE DETAILS ARE PROVIDED TO SPECIFY STAND REBAR BENDS AND BEND EXTENSIONS, TYP UNO.
2. ALL REBAR PLACEMENT IS TO BE AS SHOWN IN PROJECT DETAILS. SEE 'CONCRETE REINFORCEMENT NOTES' ON S0.1.
3. NOT ALL CONDITIONS SHOWN ABOVE WILL APPLY TO THIS PROJECT.

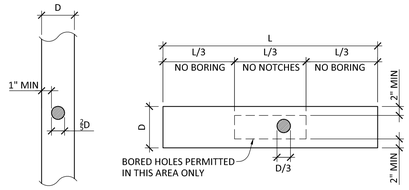
STANDARD REBAR BENDS 5



TOP PLATE SPLICE 1



WALL OPENING 2



NOTES:

1) HOLES IN WALL STUDS MAY BE BORED UP TO ⅜D DIAMETER PROVIDED STUDS ARE DOUBLED & HOLES ARE CENTERED IN STUD WIDTH.
2) BORING SHOWN SHALL NOT BE USED AT BEAMS OR POSTS. CONSULT AOR.
3) NOTCHING IS NOT PERMITTED.
4) CLEAR SPCG BTWN BORED HOLES SHALL BE 12" MIN.
5) HOLES IN TOP PLATES SHALL NOT BE LOCATED WITHIN TOP PLATE SPLICE ZONE
6) WHERE TOP PLATE PENETRATIONS EXCEED LIMITS SHOWN, PROVIDE CTS219 EACH SIDE OF BOTH TOP PLATES & ATTACH W/SD #9X1½" SCREWS

BORING 3

ROUGH CARPENTRY-MATERIALS:

1. ALL SAWN LUMBER SHALL BE DOUG FIR UNO AND HAVE MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF INSTALLATION. EACH PIECE SHALL BEAR THE STAMP OF WCLIB OR WWPA SHOWING GRADE MARK.
2. ALL COMPOSITE WOOD PRODUCTS (IE LVL, LSL, GLULAM, ETC) SHALL BE PROTECTED FROM EXPOSURE AND EXCESSIVE MOISTURE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. MOISTURE CONTENT OF 16% PRIOR TO MEMBERS BEING WRAPPED OR ENCLOSED.
3. ALL SAWN LUMBER TO BE SPECIES & GRADE AS NOTED BELOW:

MEMBER	SPECIES & GRADE
2x_ & 3x_STUDS	#1 DF
2x_ JOISTS, PLATES	#1 DF
4x_ HEADERS	#1 DF
4x_ COLUMNS	#1 DF
6x_ & LARGER HEADERS	SS DF
6x_ & LARGER COLUMNS	SS DF

   A. MATERIAL EXPOSED TO WEATHER OR IN CONTACT W/CONCRETE SHALL BE PRESSURE TREATED
   B. OPTIONAL FOR EXPOSED 8X_ BEAMS & POSTS TO BE #1AC IN LIEU OF TREATED DF
   C. STUDS TALLER THAN 12'-0" SHALL BE #1DF
4. PRESERVATIVE TREATED & PRESSURE TREATED LUMBER
   A. SAWN LUMBER TO BE PROTECTED FROM EARTH, WEATHER, EARTH, & CONCRETE/CMU OR WOOD SHALL BE TREATED
   B. PRESERVATIVE TREATMENT & CLEARANCES TO SOIL OR CONCRETE SHALL BE PER CBC 2303.1.9 & 2304.12.1.2
   C. FIELD CUTS & HOLES IN TREATED LUMBER SHALL BE PROTECTED IN ACCORDANCE W/AWPA STANDARD M4
   D. CONTRACTOR TO COORDINATE WITH TREATED WOOD SUPPLIER TO DETERMINE THE APPROPRIATE LEVEL OF CORROSION PROTECTION FOR HARDWARE & FASTENERS IN CONTACT WITH WOOD TREATED WITH CORROSIVE CHEMICALS.
5. ALL WOOD PANEL STRUCTURAL SHEATHING SHALL BE STAMPED W/APA TRADEMARK AND CONFORM TO MOST CURRENT EDITION OF PS-1 OR PS-2. USE THICKNESS AND NAILING AS SHOWN ON DRAWINGS. SHEATHING SHALL HAVE EXPOSURE RATING AS APPROPRIATE FOR ON-SITE EXPOSURE CONDITIONS DURING CONSTRUCTION AND IN FINAL CONDITION. EQUIVALENT OSB SHALL BE USED IN LIEU OF PLYWOOD. PROVIDE PLYWOOD AT ALL EXPOSED EAVE CONDITIONS.

ROUGH CARPENTRY-NAILS:

1. ALL SPECIFIED NAILS SHALL CONFORM TO ASTM F1667 OR ICC ESR-1539. ALTERNATE FASTENERS MUST HAVE AN ICC EVALUATION REPORT AND MAY NOT BE USED UNLESS APPROVED IN WRITING BY RW CONSULTING ENGINEERS. ALL NAILS SHALL BE FULL ROUND HEAD WITH MINIMUM PROPERTIES AS FOLLOWS:

SPECIFIED FASTENER	DIAMETER	LENGTH	PENETRATION	APPLICATION
8d	.131"Ø	2½"	1⅜"	SHTG/FRMG
10d	.148"Ø	3"	1½"	SHTG/FRMG
16d BOX	.135"Ø	3½"	1⅝"	FRMG
16d SINKER	.148"Ø	3¼"	1½"	FRMG
16d COMMON	.162"Ø	3½"	1⅝"	FRMG

ALL NAILS SHALL BE COMMON WIRE NAILS EXCEPT WHERE SPECIFICALLY NOTED

2. NAILS SHALL BE LOCATED AND SPACED TO PREVENT SPLITTING OF WOOD. PREDRILL ALL FASTENERS 75% MAX OF FASTENER DIAMETER WHERE WOOD TENDS TO SPLIT.
3. TOENAILS SHALL BE DRIVEN AT AN ANGLE OF APPROX 30° WITH THE MEMBER AND STARTED APPROX ⅓ THE LENGTH OF THE NAIL FROM THE MEMBER END.
4. NAILS USED IN HARDWARE SHALL BE AS SPECIFIED BY HARDWARE MFR.
5. MINIMUM NAILING SHALL BE PER CBC TABLE 2304.10.1 UNO:

Description	Nailing
Roof	
1. Bllg,town clg joists, rafters or trusses to top plate or other framing blw	**3-8d toe nail, ea end**
Bllg,btwn rafters or truss not at the wall top plate, to rafter or truss	2-8d toe nail or 2-16d end nail, ea end
Flat bllg to truss & web filler	16d face nail @ 6"cc
2. Clg joist to top plate	3-8d toe nail ea joist
3. Clg joist not attached to parallel rafter, laps ov/partitions (no thrust)	3-16d face nail
4. Clg joist attached to parallel rafter, laps ov/partitions (w/thrust)	CBC Table 2308.7.3.1
5. Collar tie to rafter	3-10d face nail
6. Rafter or truss to top plate (see CBC section 2308.7.3.1, Table 2308.7.3.1)	3-10d toe nail
7. Rafters to ridge, valley or hip rafters; or rafter to 2" ridge	3-10d toenail or 2-16d end nail
Wall	
8. **Stud to stud (not @ braced wall panels)**	**16d @ 24"cc face nail**
9. Stud to stud and abutting studs at intersecting wall corners (braced wall panels)	16d @ 8"cc face nail
10. Built up header(2" to 2" header)	16d @ 16"cc face nail
11. Cont header to stud	4-8d toe nail
12. Top plate to top plate	16d @ 16"cc face nail
13. Top plate to top plate, at end joints	8-16d ea side of end joint face nail (24" min lap splice ea end)
14. Bot plate to joist, rim, band joist or bllg (not @ braced wall panels)	16d @ 16"cc
15. Bot plate to joist, rim, band joist or bllg (braced wall panels)	2-16d @ 16"cc
16. Stud to top or bot plate	4-8d toe nail
17. Top or bot plate to stud	2-16d end nail
18. Top plates, laps at corners & intersections	2-16d face nail
19. 1" brace to ea stud & plate	2-8d face nail
20. 1x6 sheathing to ea bearing	2-8d face nail
21. 1x8 & wider sheathing to ea bearing	3-8d face nail
Floor	
22. Joist to sill, top plate or girder	3-8d toe nail
23. Rim joist, band joist, or bllg to top plate, sill, or other framing blw	8d @ 6"cc toe nail
24. 1x6 sub floor or bcs to ea joist	2-8d face nail
25. 2" sub floor to joist or girder	2-16d face nail
26. 2" planks ea bearing (plank & beam, floor & roof)	2-16d face nail
27. Built up girders & beams, 2" lumber layers	10d @ 24"cc face nail at top & bot, stagger on opposite sides
28. Ledger strip supporting joists or rafters	3-16d ea joist or rafter face nail
29. Joist to band joist or rim joist	3-16d end nail
30. Bridging or bllg to joist, rafter or truss	2-8d toe nail ea end

6. NAILS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, NAILS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
7. SHEATHING NAILS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN ARE FLUSH WITH THE SURFACE OF THE SHEATHING.

ROUGH CARPENTRY-WOOD SCREWS:

1. ALL SPECIFIED WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1. ALTERNATE WOOD SCREWS MUST HAVE AN ICC EVALUATION REPORT AND MAY NOT BE USED UNLESS APPROVED IN WRITING BY RW CONSULTING ENGINEERS. END DISTANCE, EDGE DISTANCE, & SPCG OF ALTERNATE WOOD SCREWS MUST CONFORM TO THE MFR ICC EVALUATION REPORT.
2. WOOD SCREWS SHALL BE LOCATED AND SPACED TO PREVENT SPLITTING OF WOOD, PRE-DRILL LEAD HOLES AS REQ'D. LEAD HOLES SHALL NOT EXCEED THE SMALLEST OF ⅞ OF THE SHANK DIAMETER AND ⅞ OF THE ROOT DIAMETER AT THREADED PORTIONS.
3. WOOD SCREWS USED IN HARDWARE SHALL BE AS SPECIFIED BY HARDWARE MFR.
4. WOOD SCREWS SHALL BE INSTALLED BY TURNING OF THE SCREW & NOT BY DRIVING OF A HAMMER.
5. SOAP OR OTHER LUBRICANT MAY BE USED ON THE WOOD SCREW OR IN THE LEAD HOLE AS REQ'D TO PREVENT DAMAGE TO THE WOOD SCREW.
6. WOOD SCREWS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, WOOD SCREWS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS D OR TYPE 316 STAINLESS STEEL.

ROUGH CARPENTRY-WALL FRAMING:

1. ALL WALLS SHALL HAVE CONT 2-2X_ TOP PLATES WITH LAPS PER 1/S0.2 UNO, NO BORING OR NOTCHES ARE ALLOWED WITHIN SPLICE LOCATIONS. TOP PLATES SHALL BE LAPPED AT ALL CORNERS & INTERSECTIONS.
2. ALL STUDS SHALL BE 2X4 MIN @ 16"CC UNO, USE 2X6 FRAMING @ PLUMBING WALLS (FINGER JOINTED STUDS ARE NOT ALLOWED)
3. WALL FRAMING SHALL BE CONT BTWN BRACING LOCATIONS SUCH AS ROOF/FLOOR DIAPHRAGMS & FOUNDATION
4. STUDS/POSTS @ BRG WALLS, SHEARWALLS, AND EXTERIOR WALLS ARE TO BE BRACED FOR ENTIRE SPAN BY ONE OF THE FOLLOWING METHODS UNO:
   A. ⅜" MIN THICKNESS PLY/OSB W/TYP FASTENER SPACING NOT TO EXCEED 12"CC
   B. ⅞" MIN THICKNESS PLASTER W/WIRE LATH, ATTACH LATH W/TYP FASTENER SPACING NOT TO EXCEED 6"CC.
   C. ½" MIN THICKNESS GWB W/TYP FASTENER SPACING NOT TO EXCEED 7"CC
   D. ALTERNATE BRACING METHODS MUST BE SUBMITTED TO RW CONSULTING ENGINEERS FOR APPROVAL PRIOR TO USE
5. SEE 3/S0.2 FOR NOTCHING AND BORING OF STUDS
6. SILL PLATES
   A. WALLS LESS THAN 8'-0" LONG SHALL HAVE SINGLE PIECE SILL PLATE
   B. ALL SILL PLATES SHALL HAVE A MINIMUM OF 2-ABS, HOLDOWN ABS DO NOT COUNT TOWARD THIS REQ'MT
   C. ABs SHALL BE NO FARTHER THAN 12" & NO CLOSER THAN 7 BOLT DIAMETERS FROM ENDS OF SILL PLATE

ROUGH CARPENTRY-HARDWARE:

1. ALL STEEL CONNECTORS, STRAPS, HANGERS, HARDWARE, ETC SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL UNO. ATTACH W/FASTENERS PER MFR TO ACHIEVE THE MAXIMUM TABULATED VALUE.
2. HARDWARE COMPONENTS AND FASTENERS INSTALLED AGAINST OR INTO TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, ALL HARDWARE AND FASTENERS INTO/AGAINST TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED (G185 MIN FOR HARDWARE) OR STAINLESS STEEL.
3. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
4. NAILS FOR HARDWARE SHALL NOT BE OVERDRIVEN OR DEFORM THE PART. THE CONTRACTOR SHALL VERIFY WITH THE HARDWARE MFR THAT THE PART PUBLISHED CAPACITIES ARE NOT REDUCED AS A RESULT OF THE INSTALLED CONDITION.
5. FASTENER SUBSTITUTIONS FOR HARDWARE ARE NOT ALLOWED UNLESS APPROVED FOR USE BY THE MFR AND THE HARDWARE CAPACITY IS NOT REDUCED.
6. WASHERS AT WOOD CONNECTIONS SHALL BE SQUARE PLATE STEEL OR MALLEABLE IRON W/THE FOLLOWING MIN DIMENSIONS:

FASTENER DIAMETER	MIN WASHER DIMENSIONS	MIN THICKNESS
½"	2" x 2"	3/16"
⅝"	2½" x 2½"	¼"
¾"	2¾" x 2¾"	5/16"
⅞"	3" x 3"	5/16"
1"	3½" x 3½"	⅜"

ROUGH CARPENTRY-LAG SCREWS:

1. ALL SPECIFIED LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1.
2. LEAD HOLES FOR LAG SCREWS SHALL BE BORED TO AVOID SPLITTING OF WOOD MEMBERS. THE LEAD HOLE FOR THE SHANK SHALL HAVE THE SAME DIAMETER AND LENGTH AS THE UNTHREADED SHANK. THE LEAD HOLE FOR THE THREADED PORTION SHALL SHALL NOT EXCEED 70% OF THE SHANK DIAMETER AND HAVE MIN LENGTH EQUAL TO THREADED PORTION.
3. LAG SCREWS SHALL BE INSTALLED BY TURNING OF THE LAG SCREW & NOT BY DRIVING OF A HAMMER.
4. SOAP OR OTHER LUBRICANT MAY BE USED ON THE LAG SCREW OR IN THE LEAD HOLE AS REQ'D TO PREVENT DAMAGE TO THE LAG SCREW.
5. LAG SCREWS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, LAG SCREWS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
6. LAG SCREWS SHALL BE INSTALLED WITH A STANDARD CUT WASHER OR PLATE WASHER W/CORROSION PROTECTION TO MATCH THE LAG SCREW.
7. ALL LAG SCREWS TO BE TIGHTENED DURING INSTALLATION & RE-TIGHTENED JUST PRIOR TO CLOSING IN.

WOOD FASTENERS-BOLTS:

1. ALL SPECIFIED BOLTS IN WOOD FRAMING SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1.
2. HOLES SHALL BE A MIN OF 1/32" TO A MAX OF 1/16" GREATER THAN THE BOLT DIAMETER. HOLES SHALL BE ACCURATELY ALIGNED AND NOT FORCIBLY DRIVEN.
3. BOLTS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, BOLTS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
4. BOLTS SHALL BE INSTALLED WITH A STANDARD CUT WASHER OR PLATE WASHER AT HEAD AND NUT W/CORROSION PROTECTION TO MATCH THE BOLT.
5. ALL BOLTS & NUTS TO BE TIGHTENED DURING INSTALLATION & RE-TIGHTENED JUST PRIOR TO CLOSING IN.

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APP: 02-120455 INC:
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DATE: 01/12/2023

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

GENERAL NOTES & TYPICAL DETAILS

RW CONSULTING Engineers Inc
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REGISTERED PROFESSIONAL ENGINEER
GREGORY I. RICHERS
S4558
12/31/2022
STRUCTURAL
STATE OF CALIFORNIA

12/16/2022

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
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UPDATED 11/17/2022		

SHEET NO.

S0.2

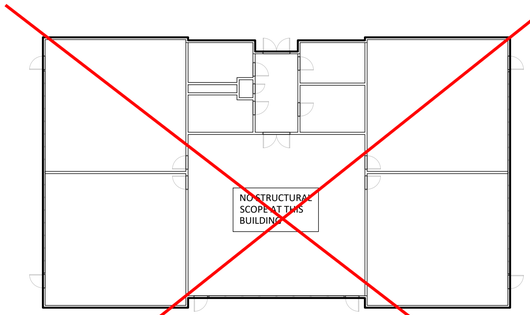
STRUCTURAL PLAN NOTES:

1. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMPING.
2. STRUCTURAL SCOPE IS LIMITED TO MISCELLANEOUS FRAMING AND SLAB ON GRADE MODIFICATIONS TO ACCOMMODATE RESTROOM UPGRADES.
3. NO WORK PERFORMED IS TO IMPACT EXISTING GRAVITY OR LATERAL BUILDING SYSTEMS. IF ANY PROJECT SCOPE IS FOUND TO IMPACT EXISTING GRAVITY OR LATERAL SYSTEMS, SEOR IS TO BE NOTIFIED PRIOR TO COMMENCING WITH WORK.
4. FOR GENERAL NOTES AND TYPICAL DETAILS, REFER TO SHEETS S0.1 AND S0.2 FOR ATTACHMENT OF NEW WOOD FRAMED WALLS TO EXISTING SLABS ON GRADE, SEE DETAIL 3/S4.1, UNO.

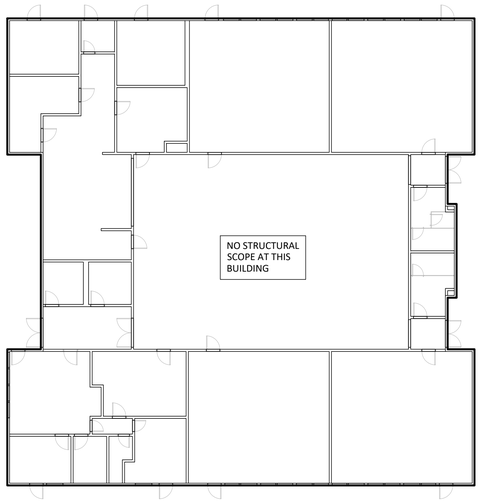
STRUCTURAL PLAN LEGEND:

EXISTING WALL

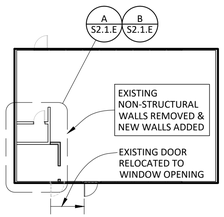
NEW WALL



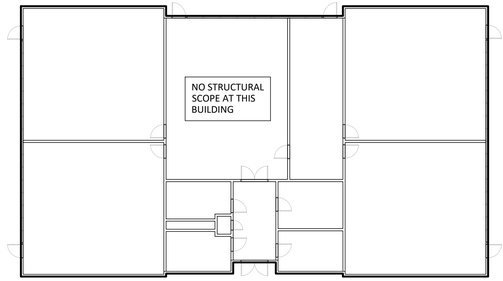
STRUCTURAL PLAN
BUILDING A
1/16" = 1'-0"



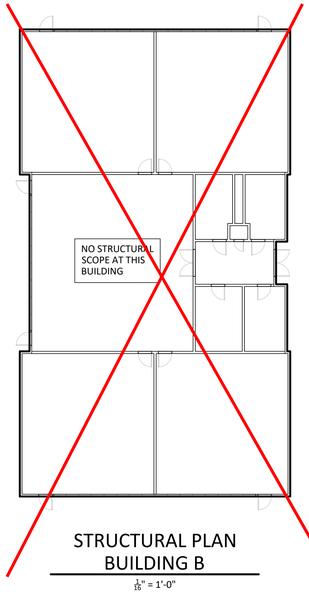
STRUCTURAL PLAN
BUILDING D
1/16" = 1'-0"



STRUCTURAL PLAN
BUILDING E
1/16" = 1'-0"



STRUCTURAL PLAN
BUILDING C
1/16" = 1'-0"



STRUCTURAL PLAN
BUILDING B
1/16" = 1'-0"

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STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

STRUCTURAL BUILDING PLANS

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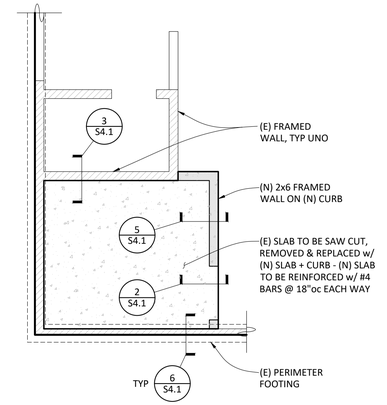
REGISTERED PROFESSIONAL ENGINEER
GREGORY T. RICHARDS
STRUCTURAL
STATE OF CALIFORNIA

12/16/2022

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S2.1



PARTIAL FOUNDATION PLAN
BUILDING E

1/4" = 1'-0"

A N

PARTIAL FOUNDATION PLAN NOTES:

1. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMPING.
2. SCOPE IS LIMITED TO MISCELLANEOUS FOUNDATION AND FRAMING MODIFICATIONS TO ACCOMMODATE A RESTROOM UPGRADE.

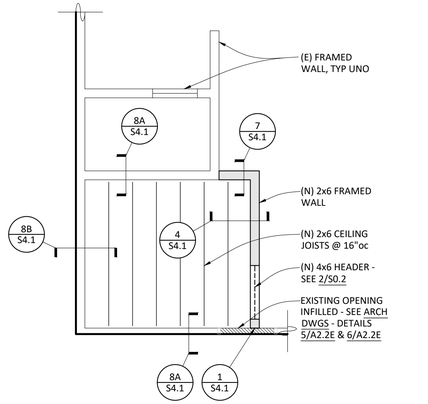
PARTIAL FOUNDATION PLAN LEGEND:

EXISTING WALL ON CURB OVER FOOTING

EXISTING WALL ON CURB OVER SLAB

NEW WALL ON CURB

NEW CONCRETE SLAB



PARTIAL CEILING FRAMING PLAN
BUILDING E

1/4" = 1'-0"

B N

PARTIAL CEILING FRAMING PLAN NOTES:

1. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMPING.
2. STRUCTURAL SCOPE IS LIMITED TO MISCELLANEOUS FRAMING MODIFICATIONS TO ACCOMMODATE A RESTROOM UPGRADE.

PARTIAL CEILING FRAMING PLAN LEGEND:

EXISTING WALL

NEW WALL

NEW FRAMING

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STEPHEN GR... LICENSED ARCHITECT C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL PLANS - BUILDING E

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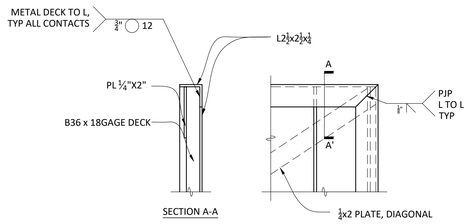
REGISTERED PROFESSIONAL ENGINEER GREGORY T. RICHARDS #54558 STRUCTURAL STATE OF CALIFORNIA Exp 12/31/2022

12/16/2022

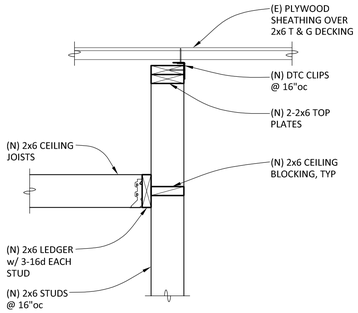
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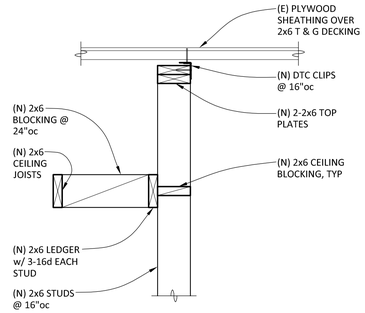
S2.1.E



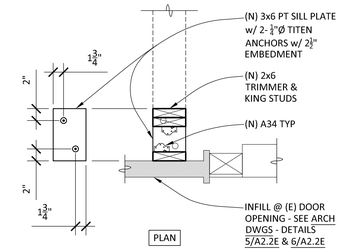
DETAIL 9
1½" = 1'-0"



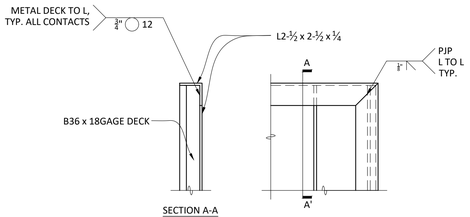
DETAIL 7
1" = 1'-0"



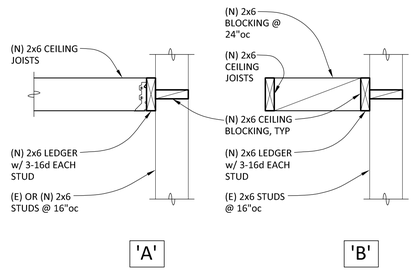
DETAIL 4
1" = 1'-0"



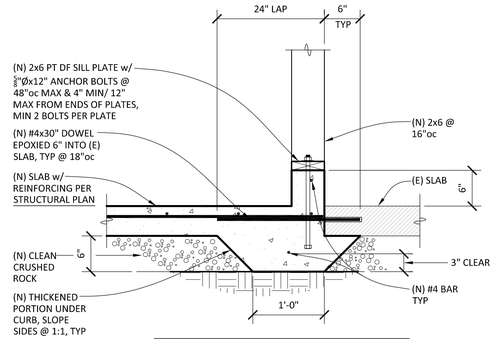
DETAIL 1
1" = 1'-0"



DETAIL 10
1½" = 1'-0"

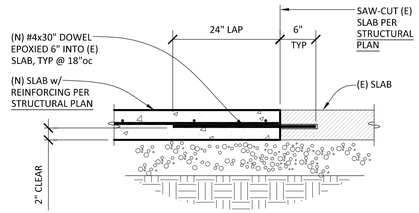


DETAIL 8
1" = 1'-0"



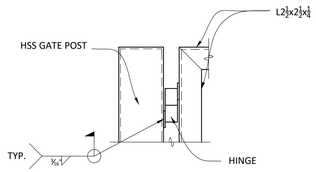
EPOXY NOTES:
1. PERIODIC INSPECTION REQUIRED
2. PULL TEST 10% OF DOWELS TO 3,000 LB

DETAIL 5
1" = 1'-0"

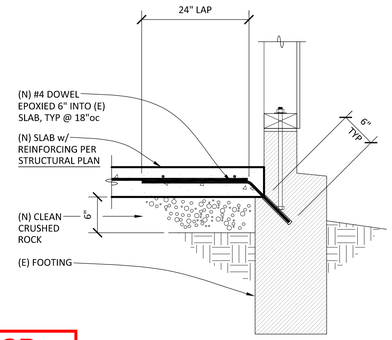


EPOXY NOTES:
1. PERIODIC INSPECTION REQUIRED
2. PULL TEST 10% OF DOWELS TO 3,000 LB

DETAIL 2
1" = 1'-0"

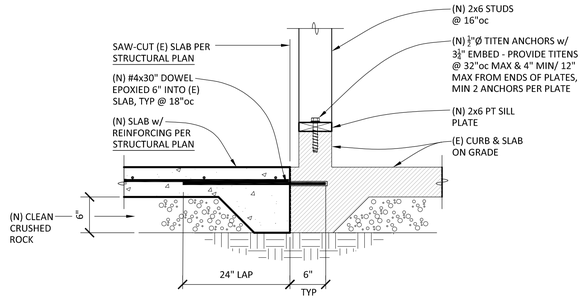


DETAIL 11
1½" = 1'-0"



EPOXY NOTES:
1. PERIODIC INSPECTION REQUIRED
2. PULL TEST 10% OF DOWELS TO 3,000 LB

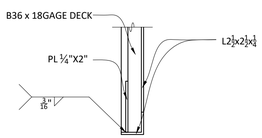
DETAIL 6
1" = 1'-0"



TITEN NOTES:
1. PERIODIC INSPECTION REQUIRED
2. TORQUE TESTING NOT REQUIRED

NOTES:
1. PERIODIC INSPECTION REQUIRED
2. PULL TEST 10% OF DOWELS TO 3,000 LB

DETAIL 3
1" = 1'-0"



DETAIL 12
1½" = 1'-0"

NOTE: NOT ALL DETAILS SHOWN MAY BE USED FOR THE LIMITED WORK SCOPE. SEE PLANS.

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LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DETAILS

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REGISTERED PROFESSIONAL ENGINEER GREGORY T. RICHARDS 25454 CIVIL STATE OF CALIFORNIA

12/16/2022

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SHEET NO.

S4.1

QC	
INI	%

MECHANICAL GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES AND INDUSTRY STANDARDS.
2. VERIFY EXACT LOCATION OF ALL (E) EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS AND GRILLES. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN (E) SYSTEMS AND DRAWINGS.
3. COORDINATE EXACT LOCATION OF EQUIPMENT AND ALL PENETRATIONS THROUGH ROOF, FLOORS AND WALLS WITH ARCHITECTURAL STRUCTURAL SYSTEMS PRIOR TO COMMENCING WORK.
4. COORDINATE EXACT SIZE AND ROUTING OF DUCTWORK WITH ARCHITECTURAL PLANS, STRUCTURE AND EQUIPMENT PRIOR TO COMMENCING WORK.
5. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES.
6. FURNISH AND INSTALL MANUAL AIR DAMPERS AT ALL DUCT BRANCH TAKEOFFS TO A SINGLE SUPPLY DUFFUSER.
7. FLEXIBLE DUCTWORK CONNECTIONS TO CEILING DIFFUSERS ARE LIMITED TO 5' MAXIMUM LENGTH.
8. ALL DUCTWORK, CEILING DIFFUSERS/REGISTERS/GRILLES, EQUIPMENT, PIPING ETC., ARE NEW U.O.N. (SHOWN HEAVY). (E) DUCTWORK, PIPING ETC. IS SHOWN LIGHT. SEE LEGEND.
9. (E) DUCTWORK AND ITEMS TO BE REMOVED ARE SHOWN CROSSED ("X") OUT, SEE LEGEND, COORDINATE CLOSELY WITH (N) DUCTWORK AND P.O.C.'S SHOWN. ALL OTHER (E) DUCTWORK, ETC. TO REMAIN.
10. WHERE INLET DUCT DIAMETER AND DIFFUSER NECK SIZE ARE THE SAME (I.E. 9"∅ & 9x9) CONTRACTOR SHALL OVERSIZE THE SHEET METAL PLENUM TO ACCOMODATE THE ROUND DUCT CONNECTION.
11. THERMOSTATS AND ROOM TEMPERATURE SENSORS SHALL BE INSTALLED AT 46" ABOVE FINISHED FLOOR (TO TOP OF DEVICE). DO NOT INSTALL THERMOSTATS AND ROOM TEMPERATURE SENSORS ABOVE CASEWORK, SHELVING OR OTHER OBSTRUCTIONS OVER 24" IN DEPTH AND 34" IN HEIGHT.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTIACLES HAVING FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED.ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BEWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENETS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON PREAPPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E☐ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP☒ MD☒ PP☐ E☐ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) #0043-13

MECHANICAL LEGEND cont'd

SYMBOL	ABBREVIATION	DESCRIPTION
	ABV	ABOVE
	ABC	ABOVE CEILING
	BDD	BACK DRAFT DAMPER
	BHP	BRAKE HORSE POWER
	BTU(H)	BRITISH THERMAL UNITS (PER HOUR)
	CLG	CEILING
	CEF	CEILING EXHAUST FAN
	CFM	CUBIC FEET OF AIR FLOW PER MINUTE
	DPR	DAMPER
°F		DEGREES FAHRENHEIT
	DIA	DIAMETER , PHASE
	DL	DOOR LOUVER
	ENT	ENTERING
	EDB	ENTERING DRY BULB
	EW	ENTERING WATER
	EWT	ENTERING WATER TEMPERATURE
	EWB	ENTERING WET BULB
	EVAP	EVAPORATOR
	EA	EXHAUST AIR
	EAD	EXHAUST AIR DAMPER
	EF	EXHAUST FAN
	(E), EXIST	EXISTING
—×—×—×—	(E)	EXISTING TO BE REMOVED
	ESP	EXTERNAL STATIC PRESSURE
	FLA	FULL LOAD AMPS
	GA	GAUGE
	HTG	HEATING
	KW	KILOWATTS
	KWH	KILOWATT HOUR
	LDB	LEAVING DRY BULB IN DEGREES FAHRENHEIT
	LWB	LEAVING WET BULB IN DEGREES FAHRENHEIT
	LRA	LOCKED ROTOR AMPERES
	LVR	LOUVER
	MAD	MANUAL AIR DAMPER
	MD	MOTORIZED AIR DAMPER
	MIN	MINIMUM
	MCC	MOTOR CONTROL CENTER
	(N)	NEW
	OA	OUTSIDE AIR
	OAD	OUTSIDE AIR DAMPER
	POC	POINT OF CONNECTION
— RS —	RS	REFRIGERANT SUCTION PIPING
— RL —	RL	REFRIGERANT LIQUID PIPING
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RA	RETURN AIR
	RAD	RETURN AIR DAMPER
	RPM	REVOLUTIONS PER MINUTE
	RLA	RUNNING LOAD AMPERES
	SM	SHEET METAL
	SQFT	SQUARE FEET
	SQIN	SQUARE INCHES
	SP	STATIC PRESSURE
	SA	SUPPLY AIR
(T) X	T	THERMOSTAT, "X" INDICATES DEVICE CONTROLLED. 48" AFF (TO TOP OF STAT)
	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
	TSP	TOTAL STATIC PRESSURE
	TYP	TYPICAL
	WT	WEIGHT

DIFFUSER, REGISTER & GRILLE SCHEDULE

SYMBOL	DESCRIPTION	KRUEGER	METALAIRE	NAILOR	TITUS	TUTTLE & BAILEY
R, T, E *	CEILING OR SIDEWALL RETURN, TRANSFER OR EXHAUST GRILLE WITH 35° OR 45° HORIZONTAL BARS.	S 80 H	SRH	7145 H	350 RL	T70D

NOTES: 1. ALL SYMBOLS NOTED MAY NOT BE USED. REFER TO PLANS FOR SIZE AND QUANTITY. 2. FURNISH ALL PRODUCTS OF A SINGLE MANUFACTURER. 3. COORDINATE DIFFUSER TYPE WITH ARCHITECTURAL REFLECTED CEILING PLAN.

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LICENSED ARCHITECT STEPHEN ... C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - LEGEND, SCHEDULE AND NOTES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THOMAS A. DUVAL M 22836 EXPIRES 9/30/24 MECHANICAL STATE OF CALIFORNIA

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EXHAUST FAN SCHEDULE

UNIT	SERVES	MANUFACTURER MODEL NO.	CFM	ESP (IN. W.G.)	ROOF OPENING SIZE (IN.)	STYLE	RPM	HP (WATTS)	VOLT/PH	MAX. OPER. WT. (LBS.)	INTERLOCK SCHEDULE	MOUNTING DETAIL	NOTES
CEF 1E	TOILET RM. E104	"GREENHECK" SP-A190	175	0.3	NA	CE	1400	(48)	115/1	25	REFER TO INTERLOCK SCHEDULE ON M-6.08	2 M5.1	1 2 3 4

STYLE: RED- ROOF EXHAUST DOWNBLAST, REU- ROOF EXHAUST UPBLAST, CAB- IN LINE CABINET, CE- CEILING, UT- UTILITY SET, WE- WALL EXHAUST

NOTES:

1. PROVIDE WITH THERMAL OVERLOAD PROTECTED MOTOR.
2. PROVIDE BACKDRAFT DAMPER.
3. PROVIDE WITH FACTORY SOLID STATE SPEED CONTROLLER.
4. INTERLOCK WITH ROOM LIGHTS.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - EQUIPMENT SCHEDULES

CONSULTANT

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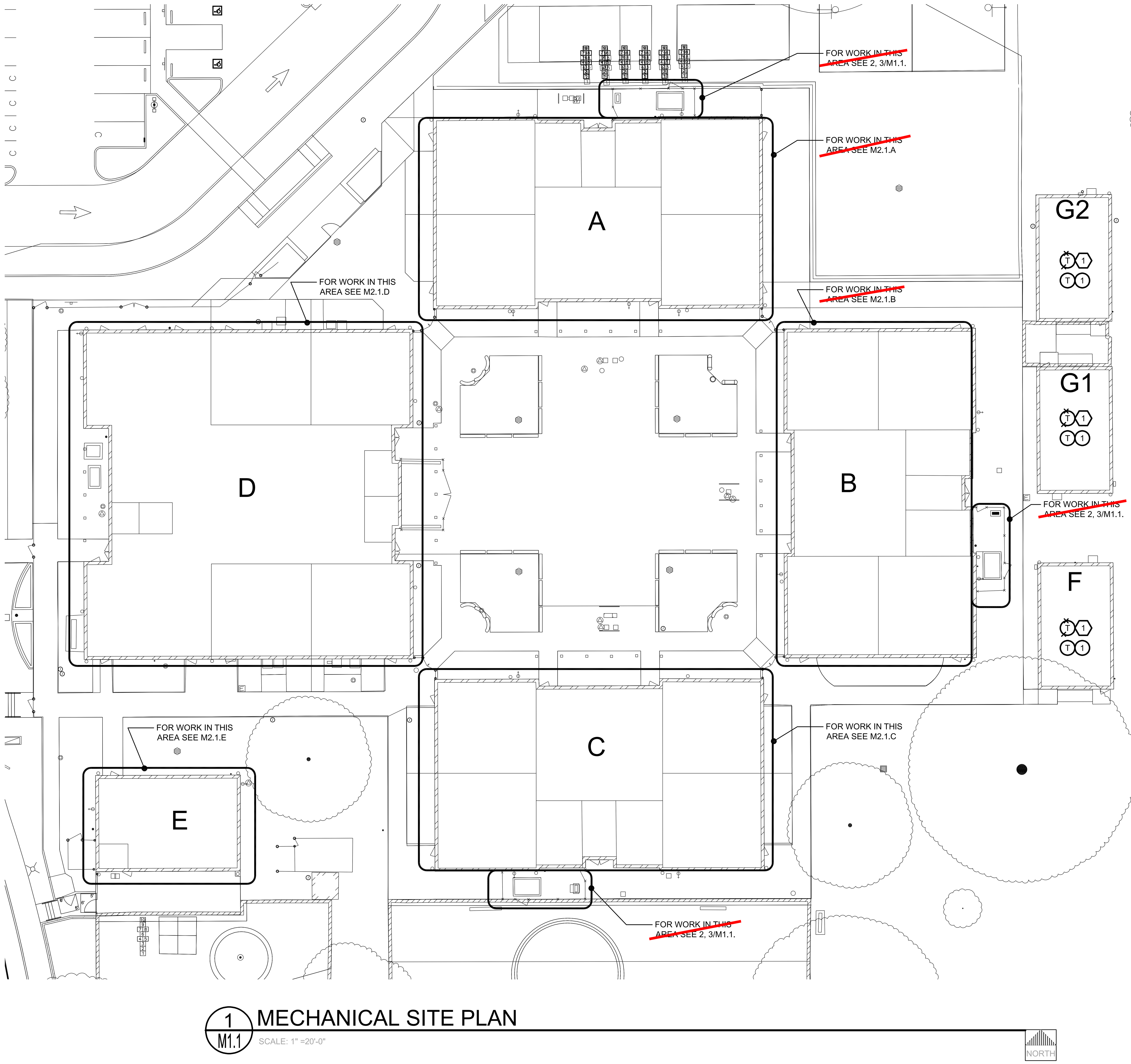
NOTE:
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DEMOLITION SHEET NOTES:

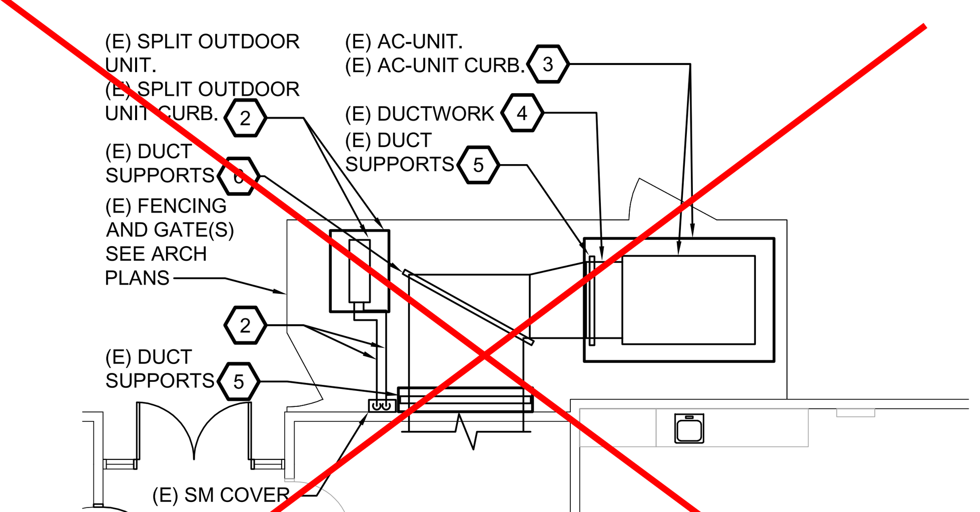
1. REMOVE THERMOSTAT AND PREPARE LOCATION FOR NEW STAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
2. (E) SPLIT OUTDOOR UNIT AND CURB TO REMAIN. DISCONNECT LINE SETS AND MOVE OUT OF WAY OF CONCRETE WORK. SET ASIDE FOR FUTURE REINSTALLATION. PROVIDE WRAP OVER THE (E) SPLIT OUTDOOR UNIT WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
3. (E) PACKAGE AC-UNIT AND CURB TO REMAIN. PROVIDE WRAP OVER THE (E) AC-UNIT WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
4. (E) DUCTWORK TO REMAIN. TEMPORARILY SUPPORT DUCTWORK IN ORDER FOR DEMOLITON AND NEW CONCRETE WORK.
5. (E) DUCT SUPPORT TO REMAIN AND PAD TO REMAIN. PROVIDE WRAP OVER THE (E) DUCTWORK WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
6. (E) DUCT SUPPORT TO BE REMOVED AND SET ASIDE. TEMPORARILY SUPPORT DUCTWORK DURING DEMOLITION AND NEW CONCRETE WORK.

SHEET NOTES:

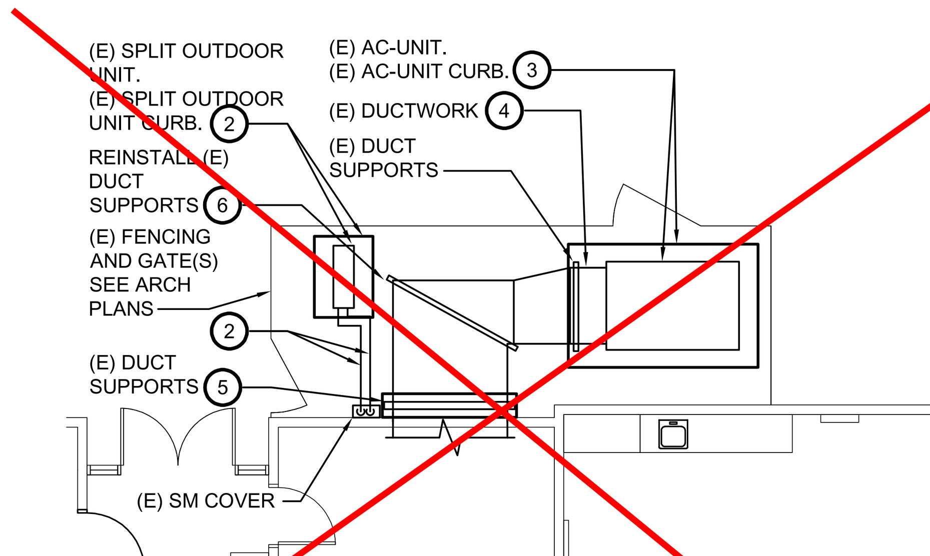
1. NEW PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
2. (E) SPLIT OUTDOOR UNIT AND CURB. COMB OUT ALL COIL FINS. REINSTALL (E) REFRIGERANT LINE SETS AND RECHARGE WITH NEW REFRIGERANT TO EQUIPMENT PER SPECIFICATIONS. SEE 3/M5.1 FOR DETAIL.
3. (E) PACKAGE AC-UNIT AND CURB. COMB OUT ALL COIL FINS.
4. (E) DUCTWORK TO REMAIN.
5. (E) DUCT SUPPORT AND PAD TO REMAIN.
6. REINSTALL (E) DUCT SUPPORT. ADJUST HEIGHT OF SUPPORT TO WORK WITH NEW FINISHED GRADE ELEVATION. SECURE TO CONC. W/ (4) 3/8"DIA. 'HILTI' KWIK BOLT TZ2, W/ MIN. 1-5/8" EMBEDMENT.



1/M1.1 MECHANICAL SITE PLAN
SCALE: 1" =20'-0"



2/M1.1 MECHANICAL DEMOLITON - HVAC ENLARGED BUILDING YARD PLAN
SCALE: 1/8" =1'-0"
(SIMILAR FOR BUILDING A, B AND C)



3/M1.1 MECHANICAL - HVAC ENLARGED BUILDING A YARD PLAN
SCALE: 1/8" =1'-0"
(SIMILAR FOR BUILDING A, B AND C)

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - OVERALL DEMOLITION AND NEW SITE

CONSULTANT

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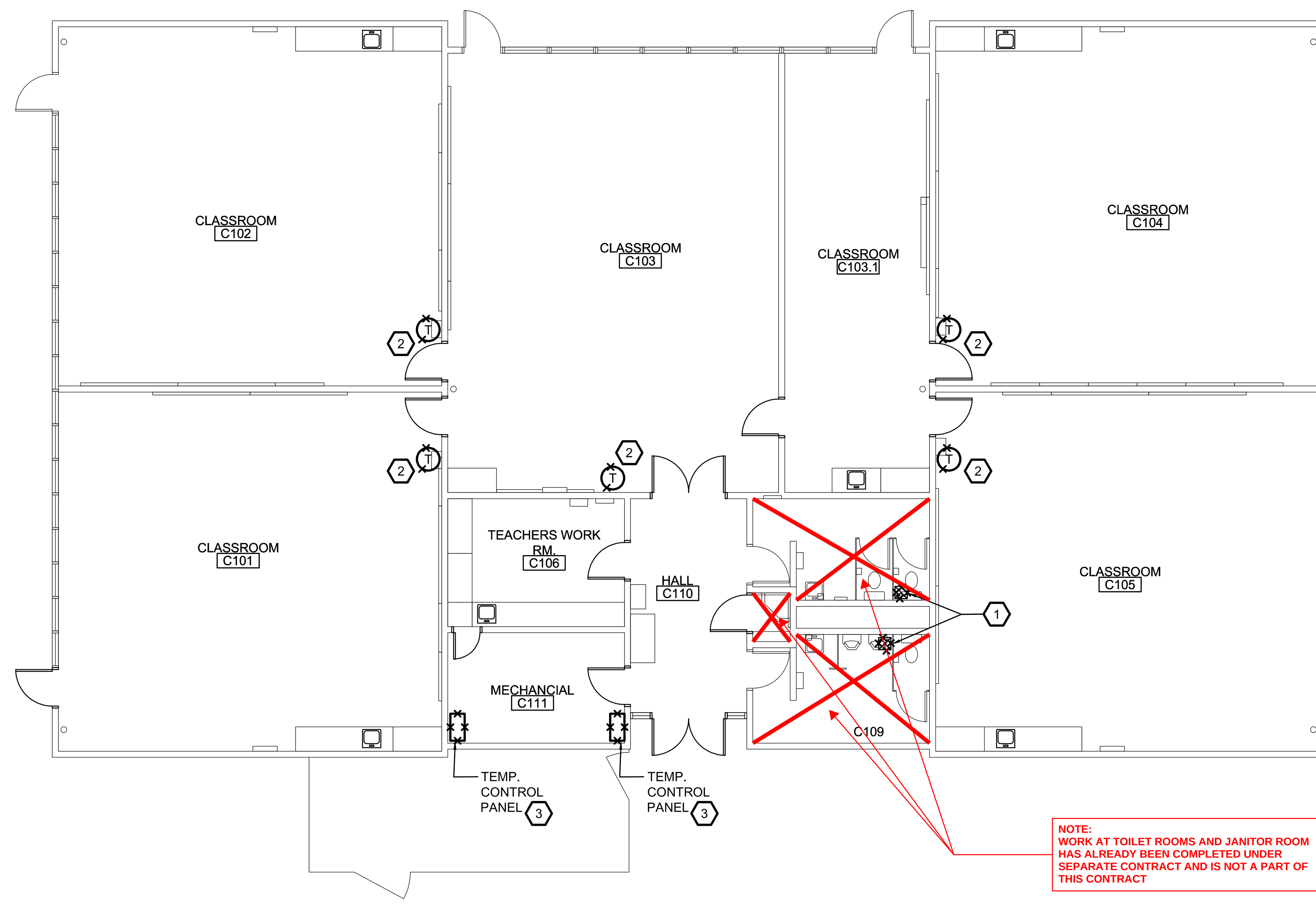
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1 DEMOLITION FLOOR PLAN - BUILDING C
M2.1.C SCALE: 1/8" =1'-0"

NORTH

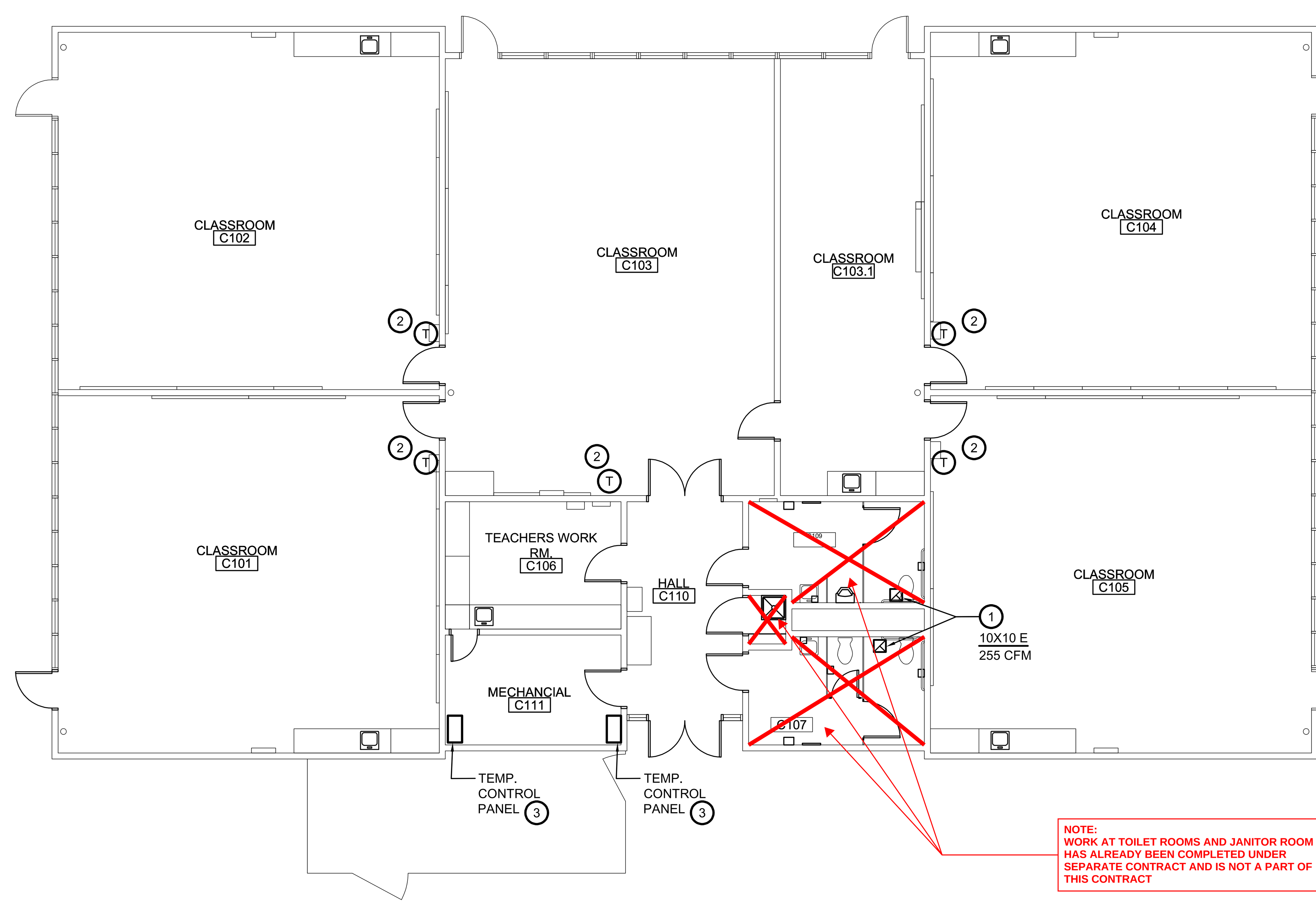
DEMOLITION SHEET NOTES:

1. REMOVE GRILLE, PREPARE FOR NEW GRILLE. DOCUMENT THE EXISTING SIZE AND PREPARE FOR NEW EXHAUST GRILLE. SEE 2/M2.1C.
2. REMOVE THERMOSTAT AND REINSTALL SO THAT TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
3. CONTRACTOR TO CONFIRM IN FIELD WHICH PANEL IS "PELICAN" AND WHICH IS NON-PELICAN.
REMOVE NON-PELICAN TEMPERATURE CONTROL PANEL AND RETURN TO OWNER.
PELICAN CONTROL PANEL TO REMAIN ACTIVE.
NOTIFY ARCHITECT WHERE PANELS ARE BEING REMOVED AND WHERE THEY ARE REMAINING. WHERE PANEL(S) ARE TO REMAIN NOTIFY ARCHITECT OF THE MODEL OF THE PELICAN PANEL/ CONTROLS.

**NOTE:
NOT ALL NOTES LISTED MAY PERTAIN TO THIS LIMITED SCOPE OF WORK. ONLY THOSE NOTES THAT PERTAIN TO THIS LIMITED WORK SCOPE ARE APPLICABLE AND ARE TO BE ADHERED TO.**

SHEET NOTES:

1. NEW EXHAUST SYMBOL "E" GRILLE. REFER TO SCHEDULE FOR DESCRIPTION AND MANUFACTURER. MATCH EXISTING GRILLE SIZE.
2. REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
3. NEW PELICAN TEMPERATURE CONTROL PANEL. COORDINATE LOCATION IN FIELD.



2 FLOOR PLAN - BUILDING C
M2.1.C SCALE: 1/8" =1'-0"

NORTH

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING C

CONSULTANT

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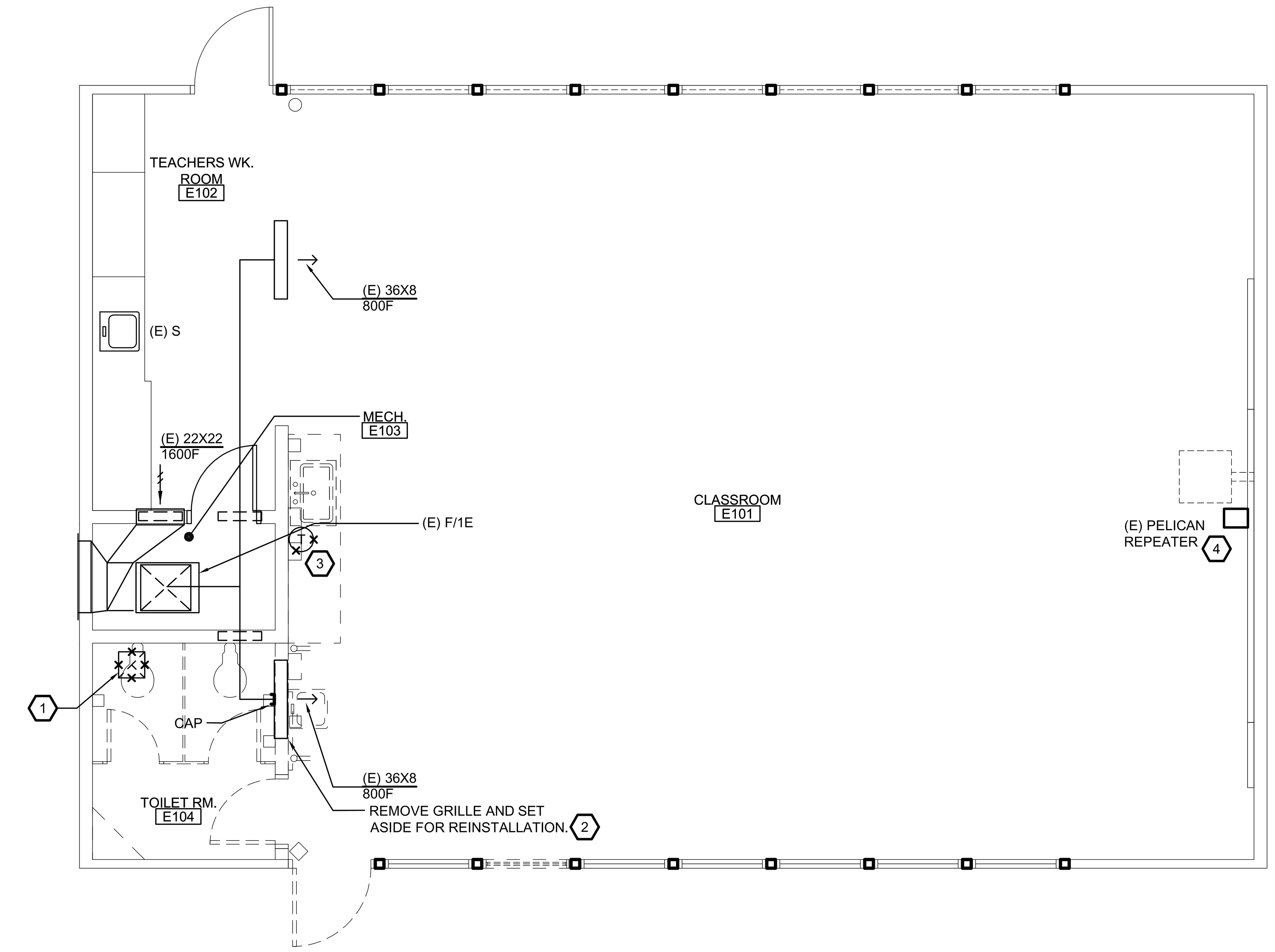
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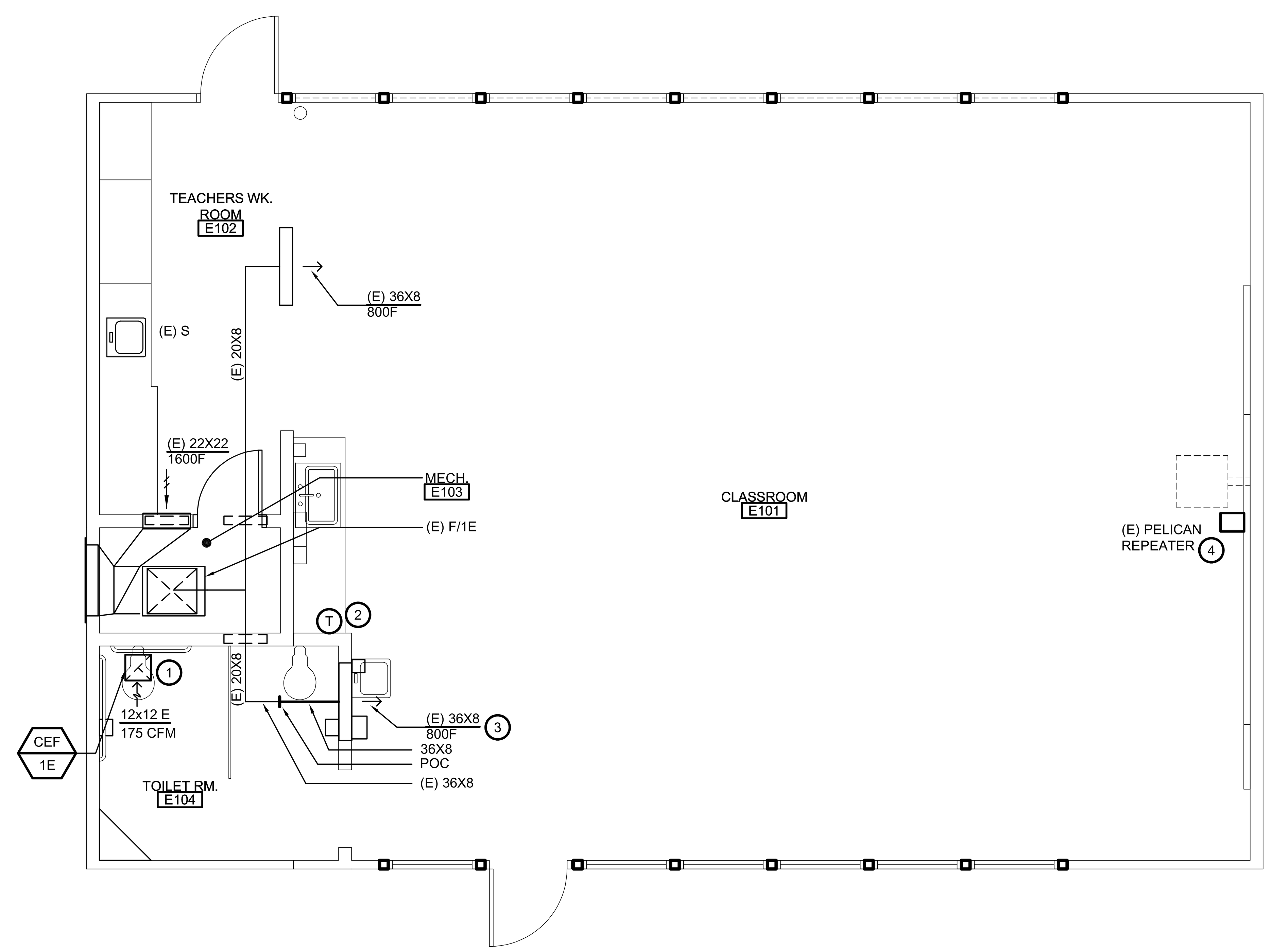
1 / M2.1.E **DEMOLITION FLOOR PLAN - BUILDING E**

SCALE: 1/4" =1'-0"

NORTH

DEMOLITION SHEET NOTES:

1. REMOVE EXHAUST FAN (EF) AND GRILLE. DISCONNECT DUCTWORK FROM EF. PREPARE FOR NEW CEILING MOUNTED EXHAUST FAN AND GRILLE. SEE 2/M2.1E.
2. REMOVE GRILLE AND PREPARE FOR REINSTALLATION IN NEW WALL LOCATION.
3. REMOVE THERMOSTAT AND SET ASIDE FOR INSTALLATION IN NEW LOCATION WITH TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
4. (E) PELICAN REPEATER.



2 / M2.1.E **FLOOR PLAN - BUILDING E**

SCALE: 1/4" =1'-0"

NORTH

SHEET NOTES:

1. NEW CEF/1E, RECONNECT TO EXISTING DUCTWORK. FOR MOUNTING DETAIL SEE 6/M5.1.
2. REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
3. RELOCATE (E) GRILLE INTO NEW WALL. EXTEND 36X8 DUCT TO (E) GRILLE IN NEW WALL LOCATION.
4. (E) PELICAN REPEATER.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING E

CONSULTANT

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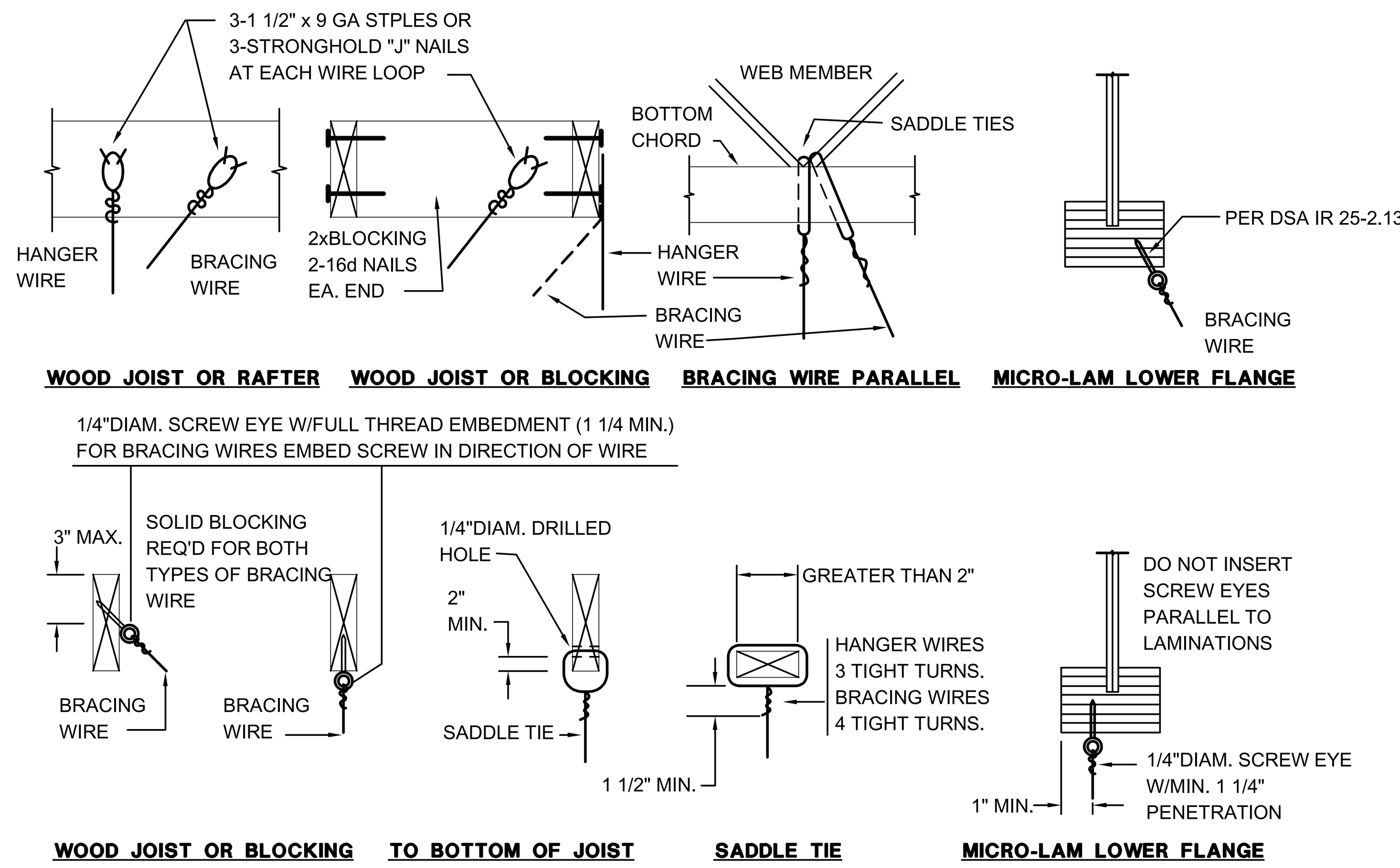
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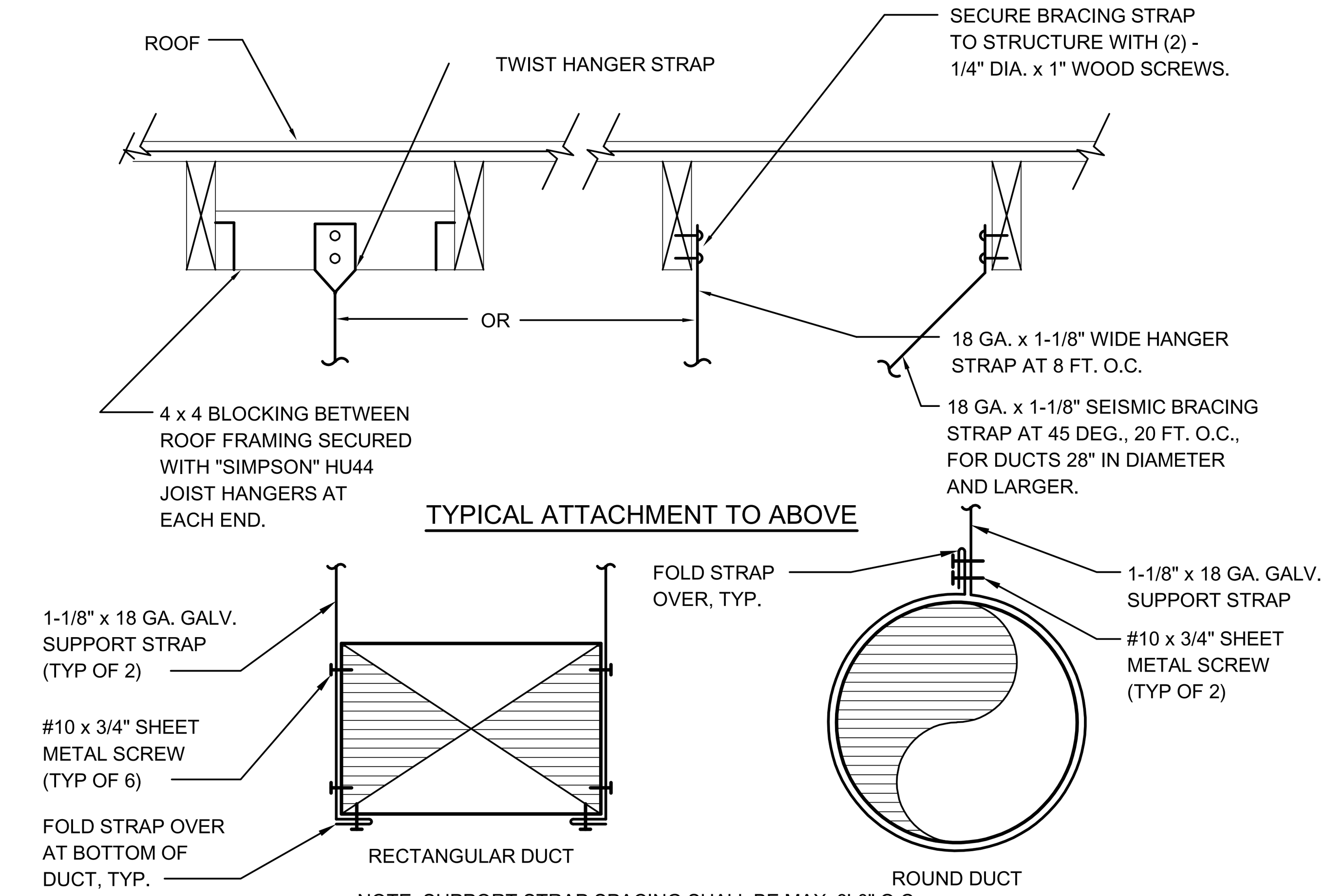
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WIRE SUPPORTS

4 / M5.1

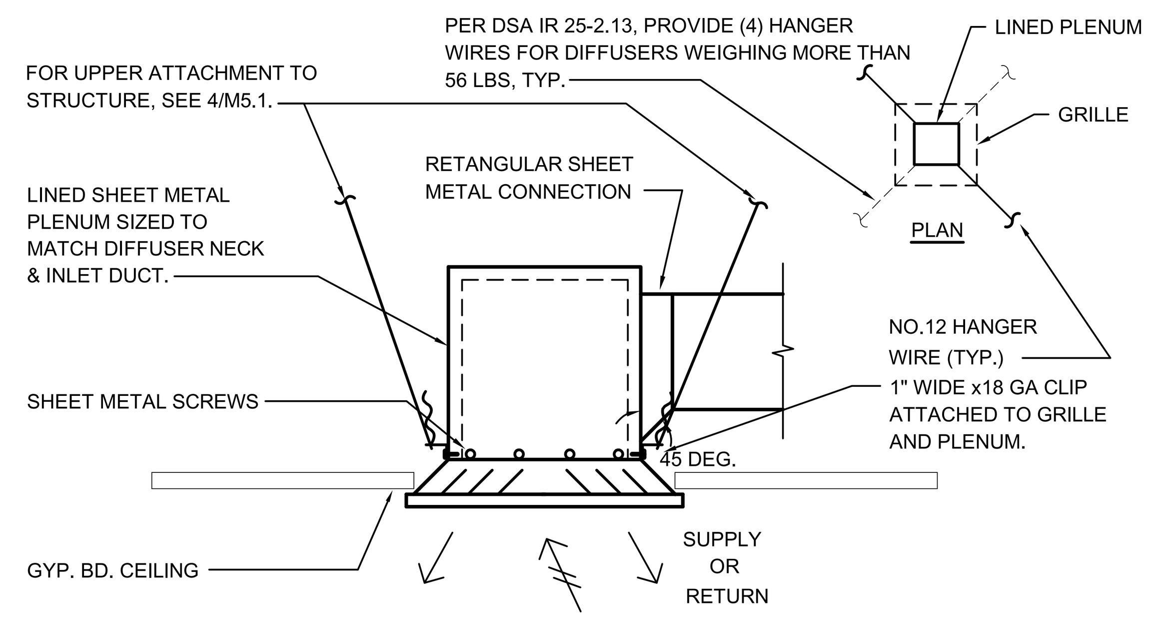
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TYPICAL CONCEALED DUCT SUPPORT

1 / M5.1

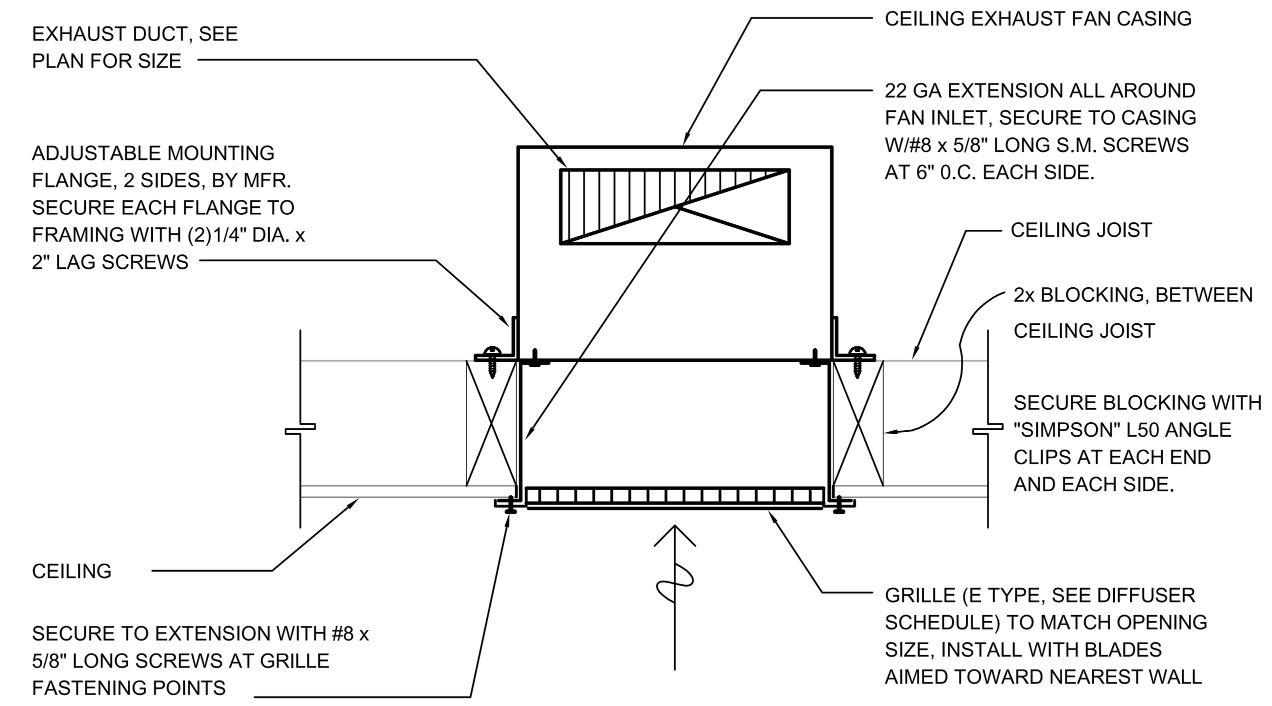
SCALE : NONE



TYP. HARD LID DIFFUSER/GRILLE MOUNTING

5 / M5.1

SCALE : NONE

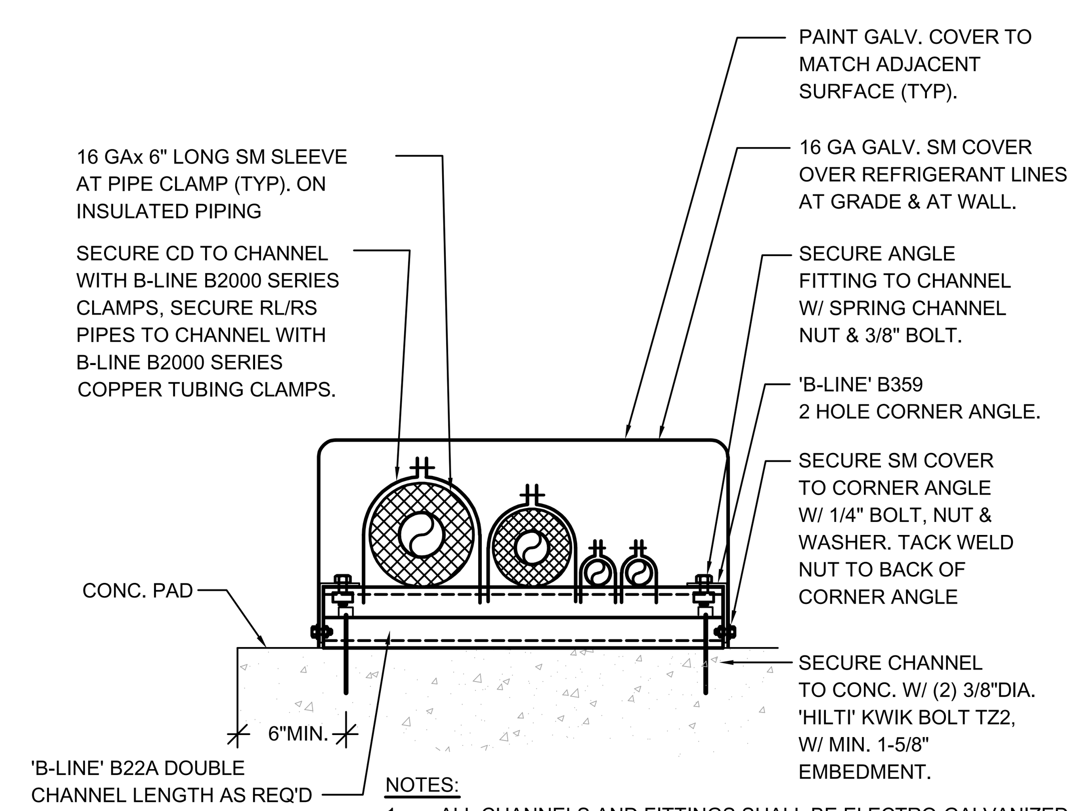


CEILING EXHAUST FAN DETAIL

2 / M5.1

SCALE : NONE

NOTE: NOT ALL DETAILS SHOWN MAY BE USED FOR THE LIMITED WORK SCOPE. SEE PLANS.



NOTES:
1. ALL CHANNELS AND FITTINGS SHALL BE ELECTRO-GALVANIZED.
2. SPACE PIPE SUPPORTS ON GRADE AT 4' O.C. MIN. 2 SUPPORTS.
3. SEE PLANS FOR NUMBER OF PIPES ON EACH SUPPORT.
4. PROVIDE MIN. 1/2" SPACE BETWEEN BOTTOM OF 16 GA. COVER AND CONC. PAD TO ALLOW FOR PROPER DRAINAGE.

PIPE AT GRADE

3 / M5.1

SCALE : NONE

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - DETAILS

CONSULTANT

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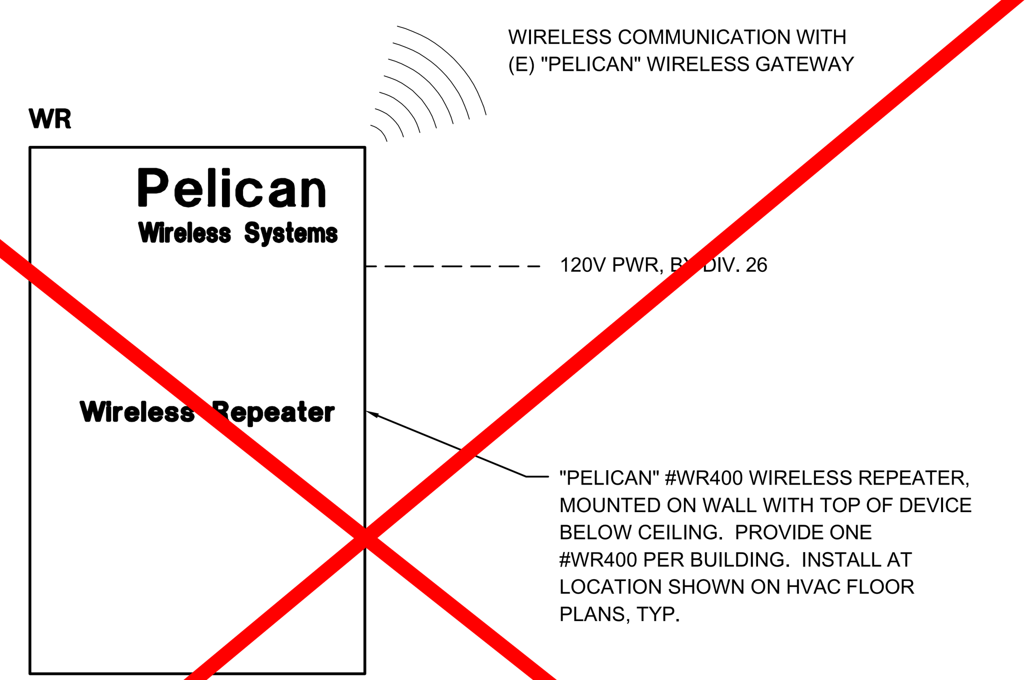
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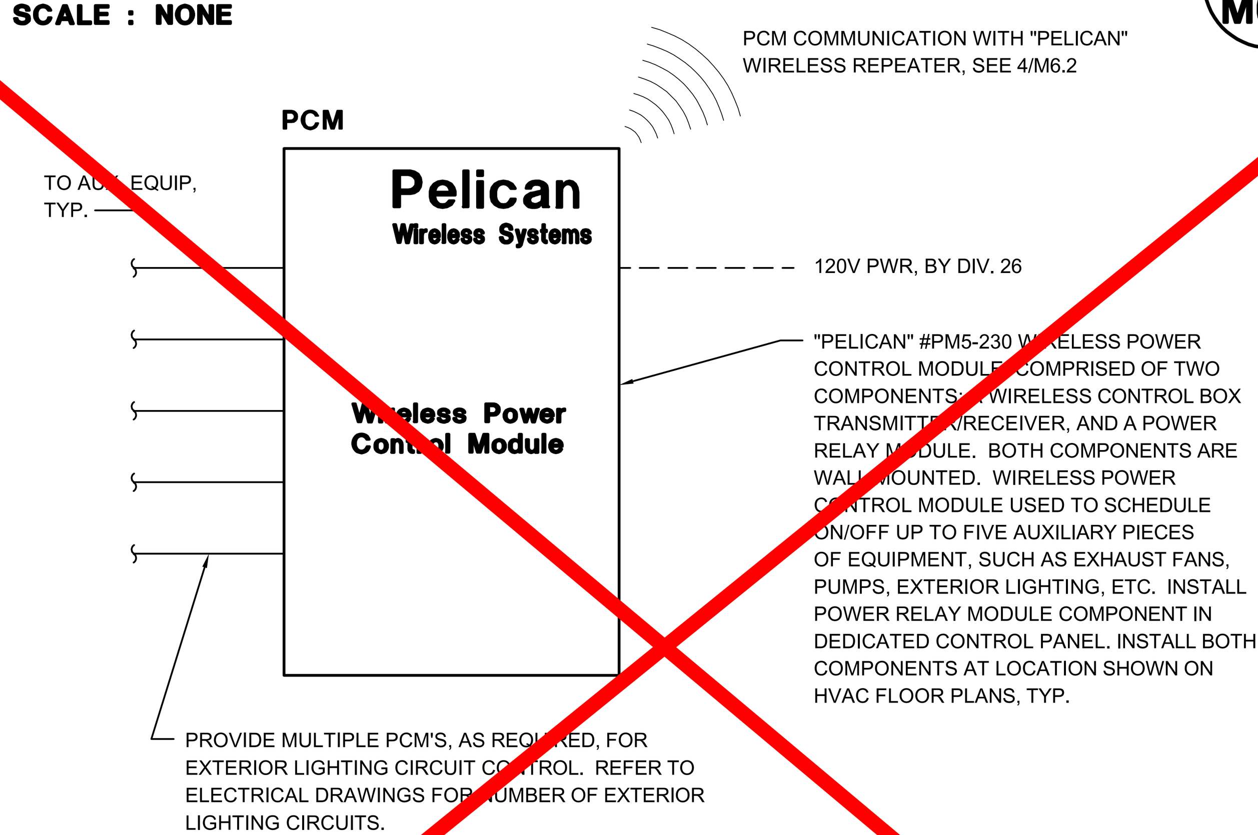
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NOTES:
1. PROVIDE WIRELESS REPEATER IN VISIBLE AND ACCESSIBLE LOCATION BELOW CEILINGS. COORDINATE FINAL LOCATION IN FIELD.
2. INSTALL GATEWAY AND REPEATERS SO THAT THE ANTENNA ARE INSTALLED POINTING STRAIGHT UP/ PERPENDICULAR TO THE FINISHED FLOOR FOR OPTIMUM PERFORMANCE.
3. DON'T INSTALL METAL RACKS IN FRONT OF THE GATEWAY OR REPEATERS.
4. CONTRACTOR TO NAMING OF THE REPEATER, GATEWAY AND THERMOSTATS TO INCLUDE THE ROOM NAME IN WHICH THEY ARE INSTALLED.

WIRELESS REPEATER
SCALE : NONE

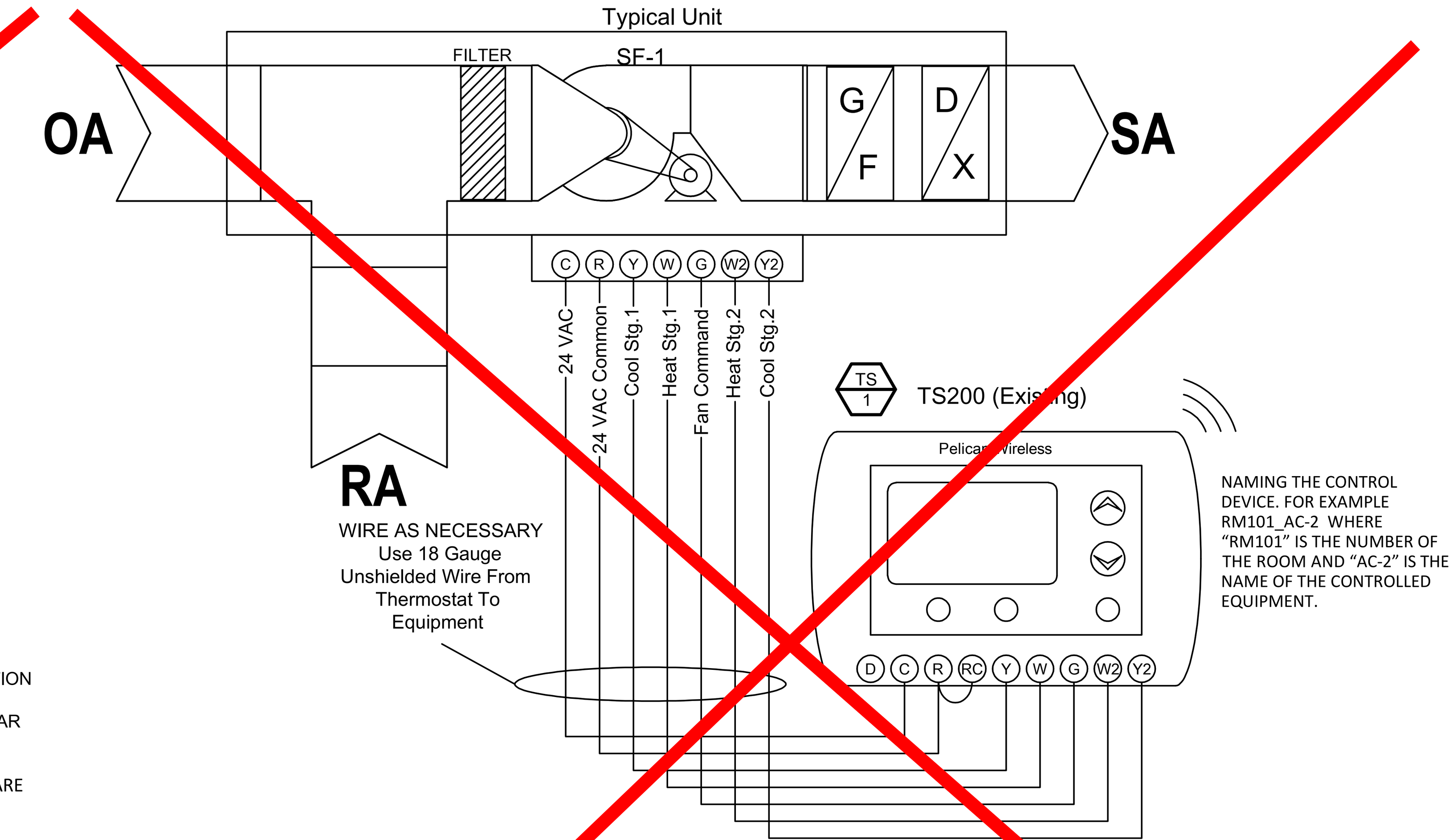
4 / M6.2



NOTES:
1. PROVIDE WIRELESS REPEATER IN VISIBLE AND ACCESSIBLE LOCATION BELOW CEILINGS. COORDINATE FINAL LOCATION IN FIELD.
2. INSTALL GATEWAY AND REPEATERS SO THAT THE ANTENNA ARE INSTALLED POINTING STRAIGHT UP/ PERPENDICULAR TO THE FINISHED FLOOR FOR OPTIMUM PERFORMANCE.
3. DON'T INSTALL METAL RACKS IN FRONT OF THE GATEWAY OR REPEATERS.
4. CONTRACTOR TO NAMING OF THE REPEATER, GATEWAY AND THERMOSTATS TO INCLUDE THE ROOM NAME IN WHICH THEY ARE INSTALLED.

WIRELESS POWER CONTROL MODULE
SCALE : NONE

5 / M6.2

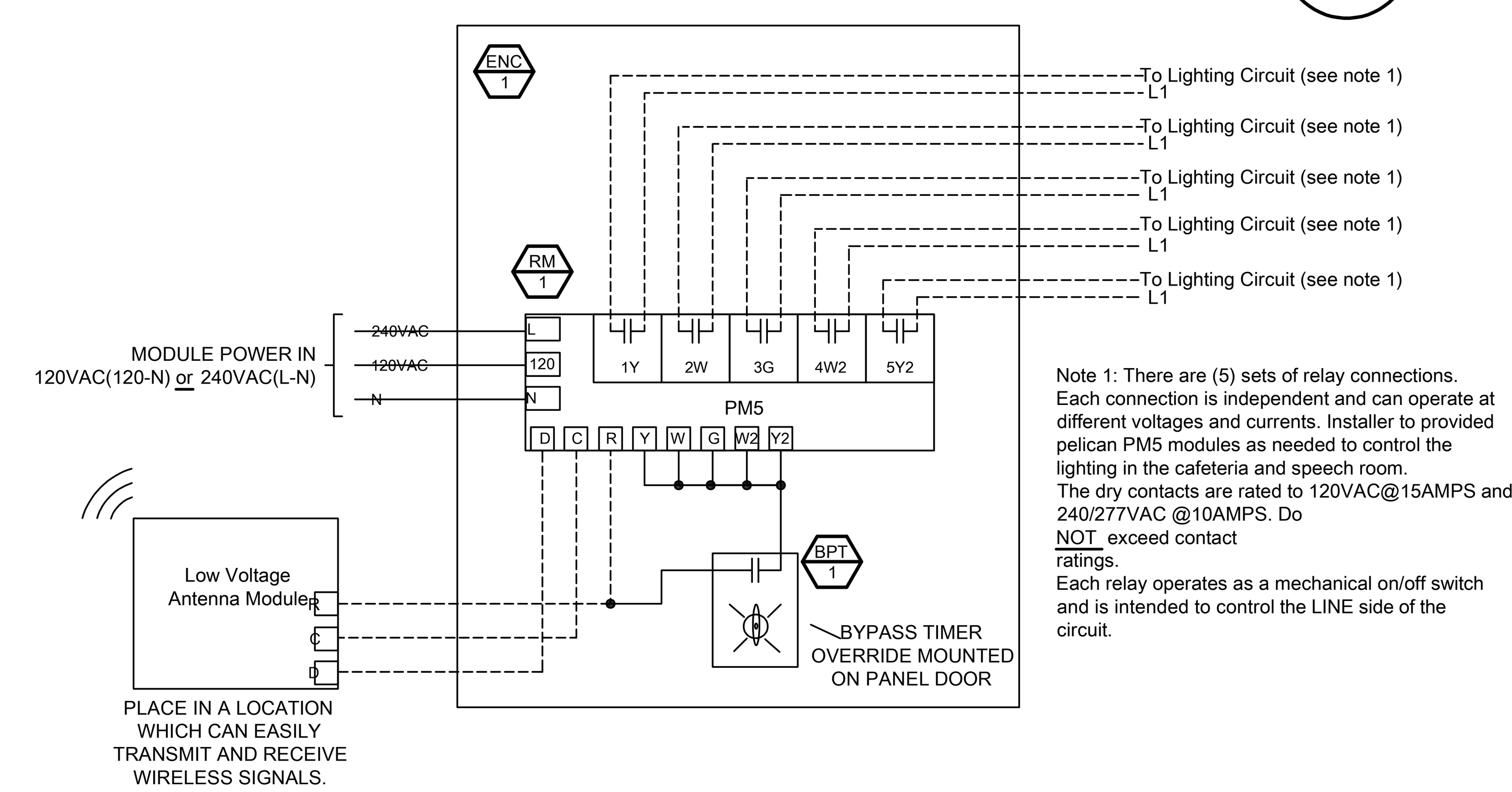


NOTES:
1. Plus50 MODULE TO REPLACE EXISTING TS200 THERMOSTAT BACKPLATE WHERE REQUIRED
2. DETAIL APPLICABLE TO MODULAR BUILDINGS 20, 21, & 22.

NOTE: PELICAN SYSTEM SHALL BE CONFIGURED BY INSTALLING CONTRACTOR TO MEET THE INTENT OF THE ENGINEERED DESIGN FOR THE PROJECT. ALL CONFIGURATION SETTINGS ARE MADE ONLINE THROUGH THE PELICAN WEB APP. (A WG400 GATEWAY IS REQUIRED)

PELICAN TS200 WITH PLUS50 MODULE DETAIL
SCALE : NONE

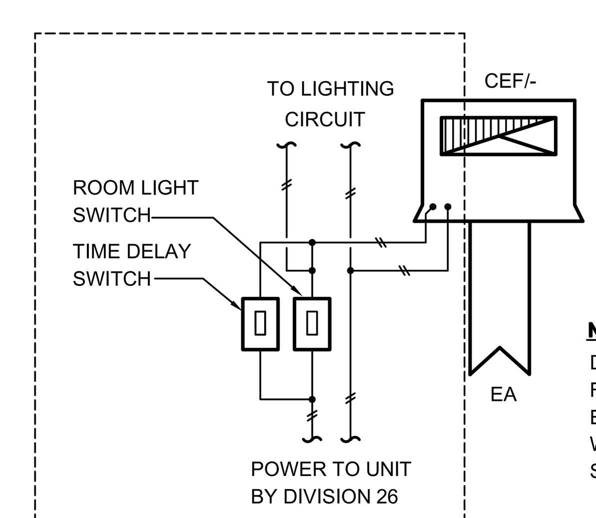
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Note 1: There are (5) sets of relay connections. Each connection is independent and can operate at different voltages and currents. Installer to provided pelican PM5 modules as needed to control the lighting in the cafeteria and speech room.
The dry contacts are rated to 120VAC@15AMPS and 240/277VAC @10AMPS. Do NOT exceed contact ratings.
Each relay operates as a mechanical on/off switch and is intended to control the LINE side of the circuit.

LIGHTING CONTROL DETAIL
SCALE : NONE

2 / M6.2



NOTE
DIAGRAM TYPICAL FOR ALL EXHAUST FANS INTERLOCKED WITH ROOM LIGHTS. EACH UNIT TO BE PROVIDED WITH O-60 MINUTE TIME DELAY SWITCH. SET TIME DELAY FOR 5 MINUTES.

NOTE
FURNISHED AND INSTALLED BY DIVISION 26.

EXHAUST FAN INTERLOCKED WITH ROOM LIGHTS

CEF INTERLOCK W/ LIGHTS
SCALE : NONE

3 / M6.2

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - CONTROLS

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PLUMBING GENERAL NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND EXACT LOCATIONS OF PLUMBING FIXTURES.
2. COORDINATE LOCATION OF PIPING WITH OTHER TRADES ON THIS PROJECT.
3. CONCEAL ALL PIPING IN WALL FURRING, PARTITIONS, ETC., EXCEPT AT MECHANICAL ROOMS.
4. SEAL ALL PIPE PENETRATIONS THRU FLOORS WATERTIGHT.
5. ALL FLOOR MOUNTED FIXTURES, CLEAN OUTS & FLOOR DRAINS TO BE FLUSH MOUNTED WITH 2% MAX. SLOPE.
6. DOMESTIC HOT WATER HEATERS SHALL BE SEISMICALLY SECURED TO BUILDING STRUCTURE WITH ADEQUATE STRUCTURAL SUPPORT WITH ANCHOR BOLTS.
7. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL OF THE ENFORCING AGENCY.
8. OFFSET VENTS THRU ROOF 10 FEET MINIMUM FROM AIR INTAKES AND 4 FEET FROM OUTSIDE WALLS.
9. FIELD VERIFY EXACT SIZES, LOCATIONS AND ELEVATIONS OF ALL PIPING CONNECTIONS, OTHER WORK, ETC., PRIOR TO TRENCHING OR INSTALLING OF ANY NEW WORK.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTIACLES HAVING FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED.ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BEWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENETS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON PREAPPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E☐ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP☐ MD☐ PP☒ E☐ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) #0043-13

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	AP/ AD	ACCESS PANEL WITH ACCESS DOOR
	ABC	ABOVE CEILING
	COP	CAP ON END OF PIPE
	CKV	CHECK VALVE
	CW	COLD WATER
	CWR	COLD WATER RISE
	CWD	COLD WATER DROP
CD	CD	CONDENSATE DRAIN LINE (INSIDE BLDG. TO BE INSULATED)
CD	CD	CONDENSATE DRAIN LINE (EXTERIOR NO INSULATION)
CO CO	CO	CLEANOUT
°F		DEGREES FAHRENHEIT
	DIA.	DIAMETER , SQUARE (FEET)
	(D), (R)	DROP, RISE
	(E)	EXISTING TO BE REMOVED
FU		FIXTURE UNIT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
FV , FT		FLUSH VALVE , FLUSH TANK
(FA) , (TA)		FROM ABOVE , TO ABOVE
(FB) , (TB)		FROM BELOW , TO BELOW
	G	GAS
	GSOV	GAS SHUT OFF VALVE
	GV	GATE VALVE
	GPM	GALLONS PER MINUTE
	GLV	GLOBE VALVE
	GPR	GAS PRESSURE REGULATOR
Ø	CO	GRADE CLEANOUT
	HB	HOSE BIBB
	HW	HOT WATER PIPING
	HWR	HOT WATER PIPING RISE
	HWD	HOT WATER PIPING DROP
	HWRET	HOT WATER RETURN
	HWRET(R)	HOT WATER RETURN RISE
	HWRET(D)	HOT WATER RETURN DROP
	(N) , (E)	NEW , EXISTING
	POC	POINT OF CONNECTION, NEW TO EXISTING
P & TRV	P & TRV	PRESSURE & TEMPERATURE RELIEF VALVE PIPING
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RET	RETURN
	RE , IE	RIM ELEVATION , INVERT ELEVATION
	(R) , (D)	RISE , DROP
		RISER DOWN (ELBOW)
		RISER UP (ELBOW)
	R , D	RISE OR DROP
	RD	ROOF DRAIN
	S, W	SOIL, WASTE OR SANITARY SEWER BELOW FLOOR
	TYP	TYPICAL
	UF	UNDER FLOOR
	V	VENT PIPING
V , VR , VTR		VENT , VENT RISER , VENT THRU ROOF
	VB	VALVE BOX

ELECTRIC WATER HEATER SCHEDULE

UNIT	LOCATION	"AO SMITH" MODEL NO.	STORAGE CAPACITY GALLONS	RECOVERY GALLONS @ 100° F RISE	MAX. TEMP SETTING	TOTAL WATTAGE	KW	VOLTAGE	WEIGHT (FULL)	PIPING DETAIL	MOUNTING DETAIL	NOTES
EWH 1E	TEACHERS WK. ROOM E102	EJC-6	6	6 GPH	90°F	1650	1.65	120V/1∅	85	1 P5.1	2 P5.1	1. SINGLE ELEMENT OPERATION 2. SIDE WATER CONNECTIONS.

EXPANSION TANK SCHEDULE

UNIT	LOCATION	"AMTROL" MODEL NO.	TANK VOLUME GALLONS	MAX. ACCEPT. VOLUME	DETAIL	NOTES
ET 1E	TEACHERS WK. ROOM E102	ST-5	2.0	0.45	2 P5.1	8"∅ x 12", 13 LBS. SUPPORT W/QUICK STRAP #QS-5

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - LEGEND, SCHEDULE AND NOTES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THOMAS A. DUVAL M 22836 EXPIRES 9/30/24 MECHANICAL STATE OF CALIFORNIA

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PLUMBING FIXTURE SPECIFICATION & CONNECTION SCHEDULE

ADA	SYMBOL	FIXTURE	FIXTURE MANUFACTURER AND MODEL No.	FAUCET OR VALVE MANUFACTURER AND MODEL No.	TRIM MANUFACTURER AND MODEL No.	REMARKS	VENT	WASTE		COLD WATER		HOT WATER	
								BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET
	WC-1	**WATER CLOSET** WALL MOUNTED FLUSH VALVE STD/ACCESSIBLE	"AMERICAN STANDARD" AFWALL NO. 3351.001, 1.28 GPF WALL HUNG, VITREOUS CHINA, ELONGATED, SIPHON JET ACTION, 1-1/2" TOP SPUD.	"SLOAN" ROYAL 111 HET 1.28, ADA COMPLIANT, 1.28 GPF (MANUAL)	SEAT: "CHURCH" MODEL 295SSCT OR "BEMIS" MODEL 1955SSCT. PROVIDE WITH SELF- SUSTAINING CONCEALED CHECK HINGES, ONE PIECE STAINLESS STEEL POST HINGES, WHITE COLOR. CARRIER: "J.R. SMITH" 100 OR 200 SERIES OR "ZURN" Z1203 AND Z1204 SERIES PROVIDE REAR SUPPORT LUG AND ANCHOR FOOT ASSEMBLY.	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. WHERE USED FOR CBC ACCESSIBLE WATER CLOSETS, THE FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET ENCLOSURE.	2"	4"	4"	1-1/4"	1"	--	--
	WC-2	**WATER CLOSET** FLOOR MOUNTED FLUSH VALVE KINDERGARTEN	"KOHLER" PRIMARY 1.28, NO. K-96064-SS FLOOR MOUNTED, ELONGATED, SIPHON JET ACTION 1-1/2" TOP SPUD, 10-1/2" RIM HEIGHT. ANTIMICROBIAL	"SLOAN" ROYAL 111 HET 1.28, ADA COMPLIANT, 1.28 GPF (MANUAL)	SEAT: "KOHLER" MODEL K-4686 . PROVIDE WITH SELF-SUSTAINING CONCEALED CHECK HINGES, ONE PIECE STAINLESS STEEL POST HINGES, WHITE COLOR.	WHERE USED FOR CBC ACCESSIBLE WATER CLOSETS, THE FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET ENCLOSURE.	2"	4"	4"	1-1/4"	1"	-	-
	UR-1	URINAL WALL MOUNTED FLUSH VALVE ACCESSIBLE	"AMERICAN STANDARD" PINTBROOK NO. 6002.001, 0.125 GPF, WALL HUNG, VITREOUS CHINA, SIPHON JET ACTION. 3/4" TOP SPUD, 2" THREADED OUTLET.	"SLOAN" ROYAL 186-0.125DBP, 0.125 GPF (MANUAL) POLISHED CHROME	CARRIER: "J.R. SMITH" 637 SERIES OR "ZURN" Z1222	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS.	1 1/2"	2"	2"	1-1/2"	3/4"	--	--
	L-1	LAVATORY WALL MOUNTED COLD WATER ONLY STD/ACCESSIBLE	"AMERICAN STANDARD" LUCERNE NO. 0355.012, WALL HUNG, VITREOUS CHINA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FRONT OVERFLOW, CONCEALED ARM RECESS, 4" CENTERS, 20" x 18" D SHAPED BOWL.	"MOEN" 8884 NEWER VERSION, SINGLE-HANDLE ADA METERING LAVATORY FAUCET, CHROME PLATED SOLID BRASS CONSTRUCTION, SINGLE HOLE MOUNT, 0.5GPM MAX, ADA COMPLIANT. PROVIDE WITH DECK PLATE	ADA COMPLIANT. LAVATORY GRID DRAIN WITH 1-1/4" OFFSET TAILPIECE, INTEGRAL PERFORATED GRID NO. 7723.018, CHROME FINISH. MOUNT P-TRAP FLUSH TO WALL. CARRIER: "J R SMITH" 0700 OR ZURN Z1231	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. PROVIDE CONCEALED ARMS AND FLOOR SUPPORT, WITH FEET OF SUPPORT SECURELY ANCHORED TO FLOOR. IN ADDITION ANCHOR TOP OF SUPPORT TO WALL CONSTRUCTION.	1 1/2"	2"	1 1/2"	3/4"	1/2"	-	-
	S-1	**SINK** COUNTER MOUNTED COLD WATER ONLY W/BUBBLER	"ELKAY" MODEL DRKADQ3119-65-BP, 19" FRONT TO BACK, 31" WIDE x 6-1/2" DEPTH OVERALL. 18 GAUGE STAINLESS STEEL, SIDE LEDGES WITH SELF-RIM. PROVIDE REAR DRAIN LOCATION, VANDAL RESISTANT BACKING PLATE AT BUBBLER AND FAUCET FOR VANDAL RESISTANT PINS. BACKING PLATE SHALL BE 14 GAUGE SS FORMED AS A CHANNEL.	"CHICAGO" ECAST MODEL 350-E35ABCP(VVAVVP) GOOSENECK FAUCET, "HAWS" 5054LF BUBBLER, VANDAL RESISTANT. PROVIDE VANDAL PROOF PIN (VPP) IN BUBBLER AND FAUCET, ARRANGE TO MATE WITH SLOTS IN SINK. PROVIDE 1.5 GPM VANDAL RESISTANT LAMINAR FLOW AERATOR.	"ELKAY" MODEL LKAD18, OFFSET STRAINER DRAIN AND P-TRAP. INSTALL P-TRAP FLUSH TO WALL.	ARRANGE FINAL INSTALLATION OF SINK SUCH THAT THE BUBBLER WILL BE WITHIN 5" OF THE EDGE OF THE COUNTERTOP. INSTALL FAUCET IN CENTER OF SIDE SPLASH. PROVIDE SLOT FOR BUBBLER AT 15° ANGLE FROM FRONT OF THE SINK, AND INSTALL THE BUBBLER AT 15° ANGLE	1-1/2"	2"	1-1/2"	3/4"	1/2"	-	-
	FD	**FLOOR DRAIN**	GENERAL SERVICE FD - ZURN MODEL Z-415, OR EQUAL, WITH TYPE "B" STRAINER FOR EXPOSED CONCRETE AND TYPE "S" STRAINER FOR TILE FLOOR. PROVIDE BRONZE TRIM. FD IN MECHANICAL SERVICE AREAS - ZURN MODEL Z-541, OR EQUAL, 12 INCH DIAMETER HEAVY DUTY DRAIN. FD IN AT INDIRECT DRAIN LOCATIONS - ZURN MODEL Z-415, OR EQUAL, WITH TYPE "I" STRAINER, RECESS RIM FLUSH WITH FLOOR. OTHER APPROVED EQUAL MANUFACTURERS INCLUDE: JAY R. SMITH, WATTS & MIFAB.				2"	2"	2"	-	-	-	-
	TP	TRAP PRIMER	MIFAB "M-500" SERIES, REQUIRES 3PSI DROP TO ACTIVATE.			PROVIDE ACCESS PANEL	-	-	-	1/2"	1/2"	-	-
	HB	HOSE BIBB	INTERIOR WALL MOUNTED - ACORN MODEL 8121CP-LF WOODFORD MODEL 24PC, OR EQUAL.	WITH INTEGRAL VACUUM BREAKER PROTECTED, CARTRIDGE OPERATED HOSE VALVE WITH LOCK SHIELD BONNET AND REMOVABLE KEY HANDLE.		SET HEIGHT AT 18" ABOVE FINISHED FLOOR	-	-	-	1"	3/4"	-	-
	WHA	WATER HAMMER ARRESTOR	SEE SPECIFICATIONS										
	DF-1	**DRINKING FOUNTAIN** PEDESTAL CHILD ADA/ STANDARD DUAL HEIGHT	"HAWS" 3150 CHILD ADA DUAL HEIGHT PEDESTAL DRINKING FOUNTAIN	INTEGRAL	WITH P-TRAP DRAIN TO DRYWELL	INSTALL PER MANUFACTURER'S RECOMMENDATIONS CHILD ADA HIGH/ LOW DRINKING FOUNTAIN	-	-	-	3/4"	1/2"	-	-

GENERAL NOTES:

1. WATER SUPPLIES AND STOPS:
   A. PROVIDE 85 PERCENT IPS RED BRASS PIPE, SECURELY ANCHORED TO BUILDING CONSTRUCTION, FOR EACH CONNECTION TO FAUCETS, STOPS, HOSE BIBBS, ETC. EACH FIXTURE, EXCEPT HOSE BIBBS, SHALL HAVE A STOP VALVE INSTALLED ON WATER SUPPLY LINES TO PERMIT REPAIRS WITHOUT SHUTTING OFF WATER MAINS.
   B. PROVIDE ALL WATER SUPPLIES TO FIXTURES WITH COMPRESSION SHUT-OFF STOPS WITH IPS INLETS WITH THREADED BRASS NIPPLES AT PIPE CONNECTION AND LOCK SHIELD LOOSE KEY. PROVIDE COMBINATION FIXTURES WITH COMPRESSION STOP AND IPS INLET ON EACH WATER SUPPLY FITTING. PROVIDE LOOSE KEY HANDLE FOR EACH STOP.
   C. PROVIDE 1/2 INCH RISER TUBES WITH REDUCING COUPLING FOR ALL FIXTURES, UNLESS OTHERWISE NOTED. REFER TO SPECIFICATION SECTION 22 40 00.

2. PIPE, PLUMBING FITTINGS, FIXTURES, SOLDER AND FLUX SHALL COMPLY WITH LEAD FREE REQUIREMENTS OF THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCTS LISTED AND LABELED AS COMPLYING WITH NSF 61, ANNEX G, OR PROVIDE OTHER EVIDENCE OF COMPLIANCE WITH THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCT SUBMITTAL INFORMATION PROVING COMPLIANCE WITH LEAD FREE REQUIREMENTS. ALSO SEE GENERAL NOTES ON SHEET P0.1 AND SPECIFICATION SECTIONS, 22 00 50, 22 10 00 AND 22 40 00.

NOTE: NOT ALL PLUMBING FIXTURES SHOWN MAY BE USED FOR THE LIMITED WORK SCOPE. SEE PLANS.

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PLUMBING - FIXTURE SCHEDULE

CONSULTANT

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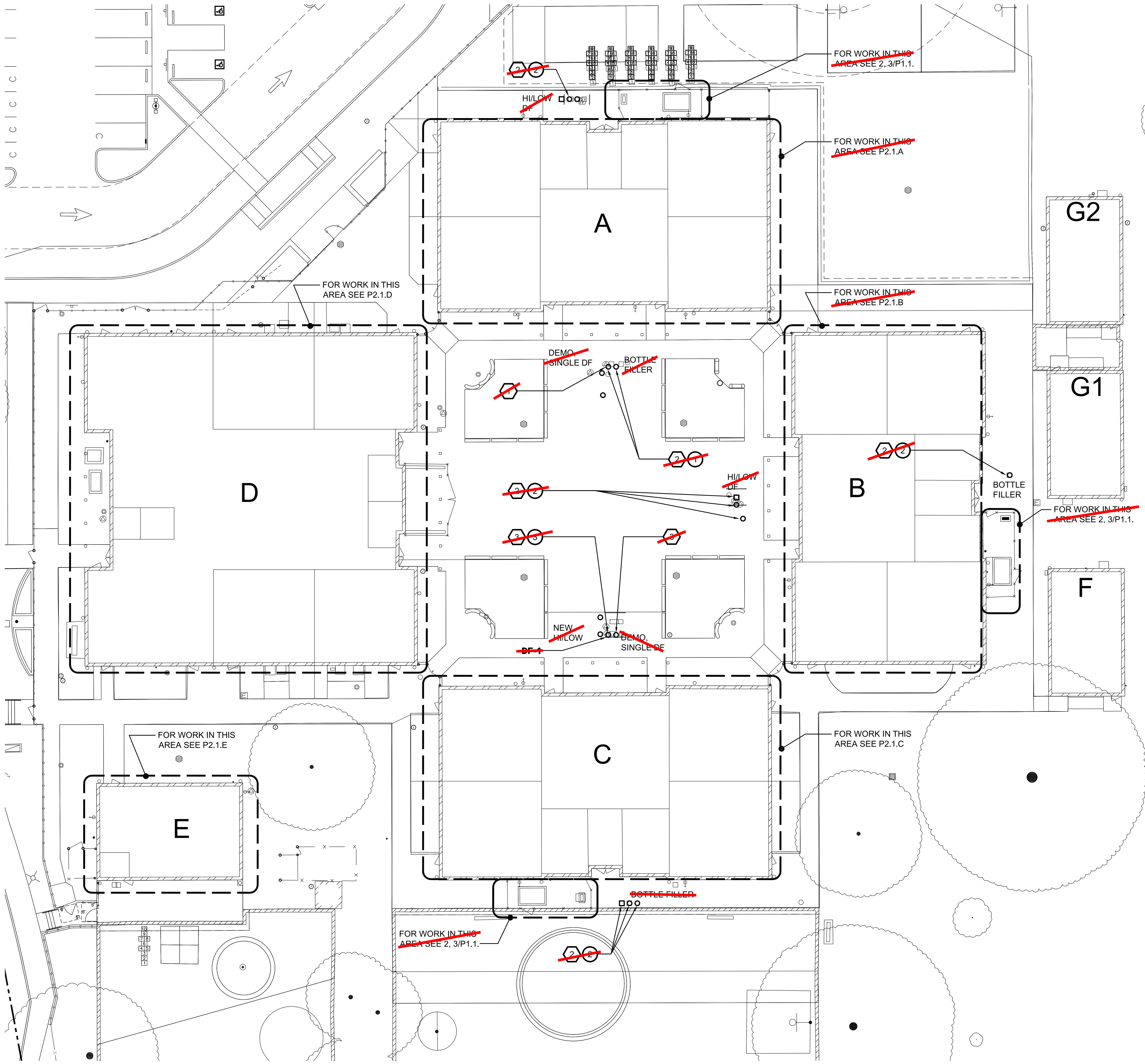
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1 P1.1 PLUMBING SITE PLAN
SCALE: 1" =20'-0"

GENERAL SHEET NOTES:

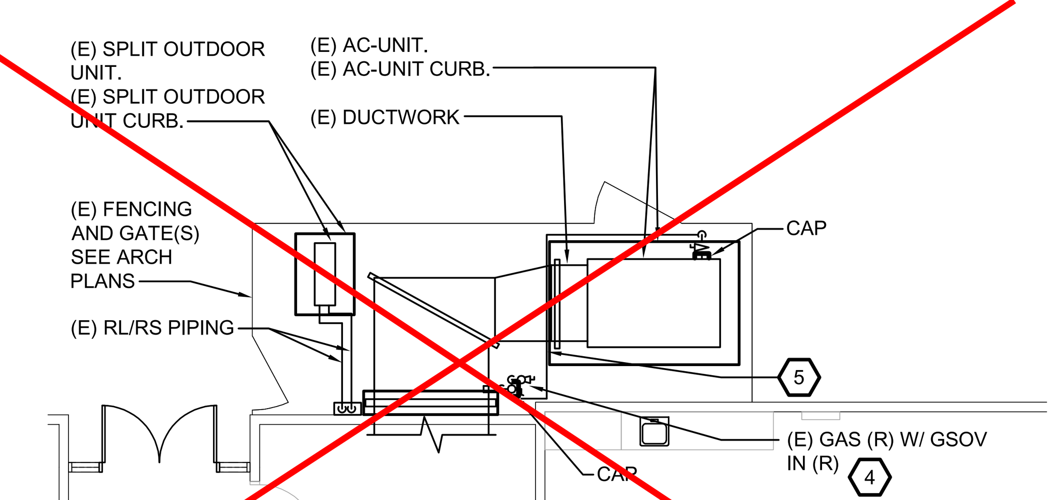
1. REMOVE AND REPLACE WITH NEW ALL THE SOV IN THE EXISTING VALVE BOX(S) SERVING THE DRINKING FOUNTAIN(S).
2. PROVIDE FULL SIZE GSOV AND UNION ON ALL PIPING AT AC-UNIT(S).

DEMOLITION SHEET NOTES:

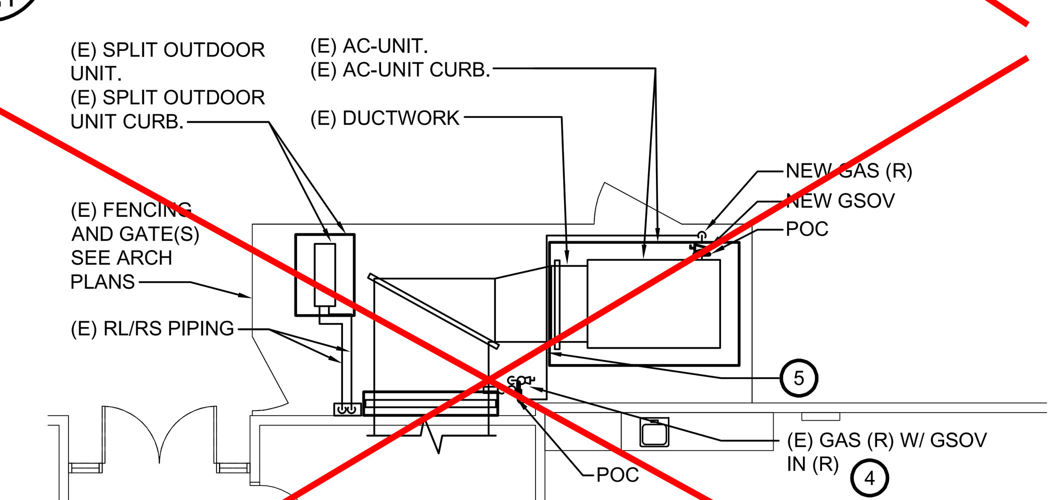
1. REMOVE DF, DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN. CAP PIPING BEHIND SURFACES.
2. DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN (DF) OR BOTTLE FILLER (BF). REMOVE AND PROTECT OPENING FOR SHUT OFF VALVE (SOV) IN VALVE BOX (VB). PREPARE FOR EXTENSION TO NEW HEIGHT OF NEW CONCRETE. REMOVE AND STORE (E) DRINKING FOUNTAIN IN PROTECTED LOCATION. PROTECT WATER AND WASTE LINES AND PREPARE FOR RECONNECTION.
3. DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN. CAP PIPING BEHIND SURFACES.
4. (E) GAS RISER FROM BELOW GRADE. DISCONNECT GAS PIPING DOWNSTREAM OF GAS PRESSURE REGULATOR AND PREPARE FOR RECONNECTION.
5. REMOVE AND SET ASIDE GAS PIPING TO THE EQUIPMENT YARD BETWEEN THE TWO CAPS NOTED ON THE PLAN. PROTECT PIPING AND COVER OPEN ENDS OF PIPING PER SPECIFICATIONS. LABEL WHICH BUILDING GAS PIPING BELONGS. REMOVE GAS PIPE SUPPORTS.

SHEET NOTES:

1. REINSTALL (E) BOTLE FILLER WITH NEW BOTTLE FILLER MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. PROVIDE EXTENSION PIECE(S) AS REQUIRED FOR THE SHUT OFF VALVE IN VB AND FOR THE DRY WELL VB. EACH VB SHALL HAVE A NEW EXTENSION PIECE(S) AND APPROPRIATELY MARKED LID(S). EXTEND WASTE AND WATER FOR NEW FIXTURE LOCATION.
2. REINSTALL (E) DF/ BOTTLE FILLER WITH NEW DF/ BOTTLE FILLER MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. PROVIDE EXTENSION PIECE(S) AS REQUIRED FOR THE SHUT OFF VALVE IN VB AND FOR THE DRY WELL VB. EACH VB SHALL HAVE A NEW EXTENSION PIECE(S) AND APPROPRIATELY MARKED LID(S). EXTEND WASTE AND WATER FOR NEW FIXTURE LOCATION.
3. NEW HI/LOW DF WITH NEW DF MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. CONNECT AND EXTEND (E) WASTE AND (E) WATER SYSTEMS TO NEW FIXTURE. FOR DETAIL SEE 3/P5.1.
4. (E) GAS RISER FROM BELOW GRADE. RECONNECT GAS PIPING DOWNSTREAM OF GAS PRESSURE REGULATOR, PROVIDE (N) GSOV AND UNION. ADJUST PIPING LENGTHS SO THAT THE DIRT LEG AND PIPING HAS A MINIMUM CLEARANCE ABOVE THE NEW FINISHED CONCRETE OF 1.5" CLEAR.
5. REINSTALL GAS PIPING BETWEEN POC'S NOTED ON THE PLANS BETWEEN THE RISER AND TO THE AC-UNIT. PROVIDE NEW GAS PIPE SUPPORTS PER 4/P5.1. REPLACE (E) GSOV AT UNIT WITH NEW GSOV AND UNION. REPLACE (E) GAS FLEX CONNECTION (FC) WITH NEW GAS FC. PROVIDE GAS DIRT LEG AT CONNECTION TO UNIT. PROVIDE CONDENSATE (CD) PIPING AND FULL SIZE CD LINES AND SPILL TO EXISTING LOCATION.



2 P1.1 PLUMBING TEMPORARY REMOVAL ENLARGED BUILDING A YARD PLAN
SCALE: 1/8" =1'-0" (SIMILAR FOR BUILDING B AND C)



3 P1.1 PLUMBING ENLARGED BUILDING A YARD PLAN
SCALE: 1/8" =1'-0" (SIMILAR FOR BUILDING B AND C)

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - OVERALL DEMOLITION AND NEW SITE

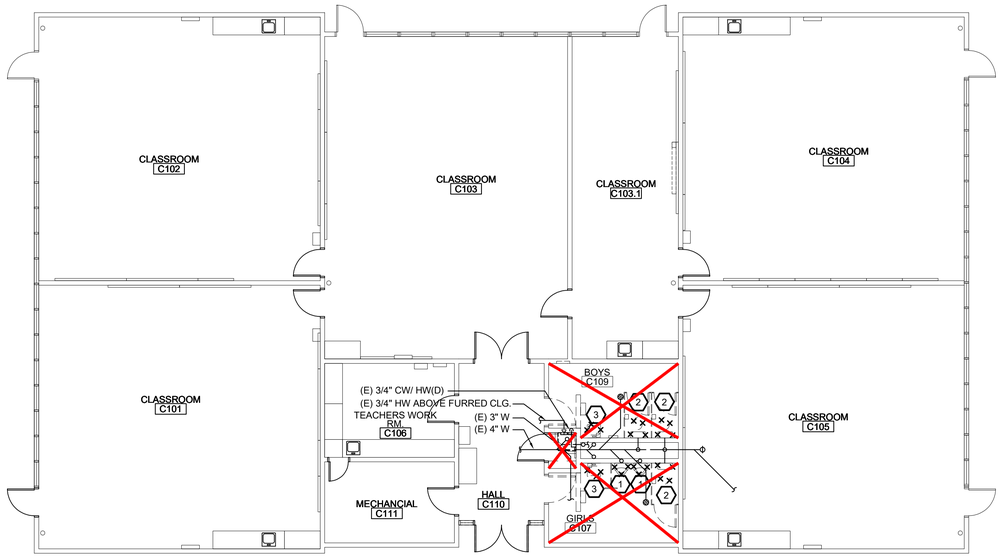
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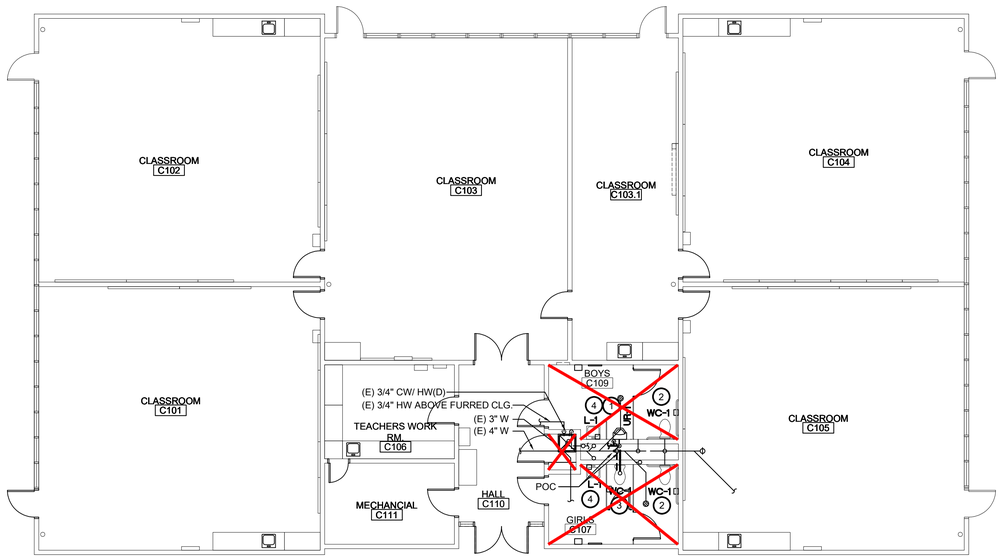
1 P2.1.C DEMOLITION FLOOR PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'

NORTH

DEMOLITION SHEET NOTES:

1. REMOVE URINALS AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL.
2. REMOVE WATER CLOSET, WALL CARRIER AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL CHASE. CAP PIPING BACK INTO WALL CAVITY.
3. REMOVE LAVATORY, WALL CARRIER AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL. PREPARE PIPING FOR RECONNECTION.



2 P2.1.C FLOOR PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'

NORTH

GENERAL SHEET NOTES:

1. ALL PIPING SHALL BE LOCATED BEHIND ARCHITECTURAL SURFACES.
2. ROUTE FULL SIZE VENT AND TIE INTO VR WITHIN WALL BELOW ROOF DECK.

SHEET NOTES:

1. NEW URINAL TO BE CONNECTED TO EXISTING PIPING. ADJUSTED/ EXTEND PIPING TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
2. NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
3. NEW WATER CLOSET (WC) TO BE CONNECTED TO EXISTING PIPING. BRING WATER, WASTE AND VENT PIPE W/ SIZES NOTED IN FIXTURE SCHEDULE. ROUTE ALL PIPING BEHIND ARCHITECTURAL SURFACES TO THE NEW WC. WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED PIPING PER PLAN. TO NEW ROUGH-IN LOCATION.
4. NEW LAVATORY, ADJUST AND RECONNECT WASTE, VENT AND WATER FOR NEW LOCATION.

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MECHANICAL
STATE OF CALIFORNIA

DATE SIGNED: 12/20/2022

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - DEMOLITION & FLOOR PLANS - BUILDING C

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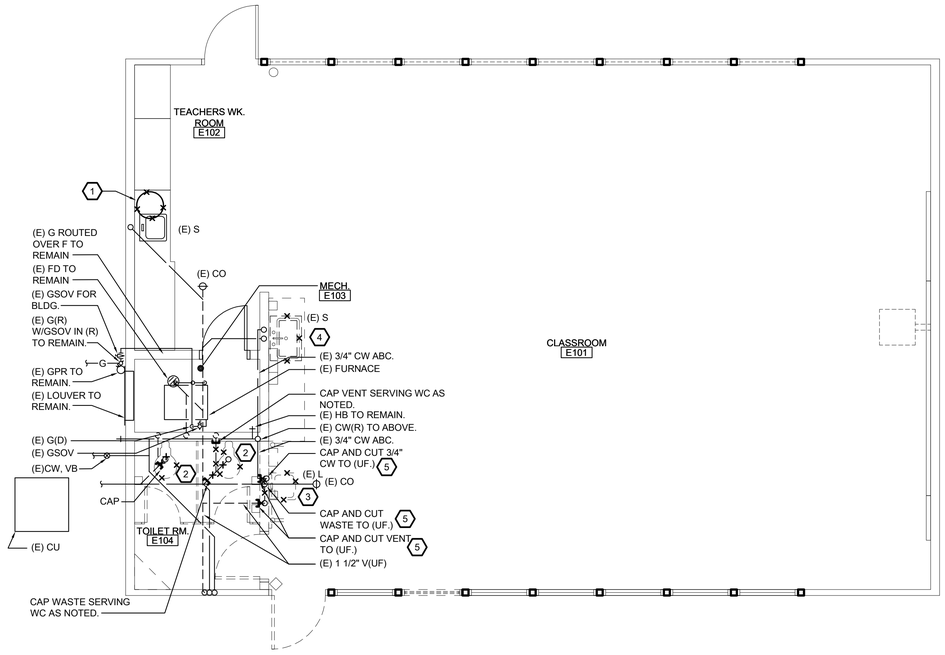
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1 P2.1.E DEMOLITION FLOOR PLAN - BUILDING E

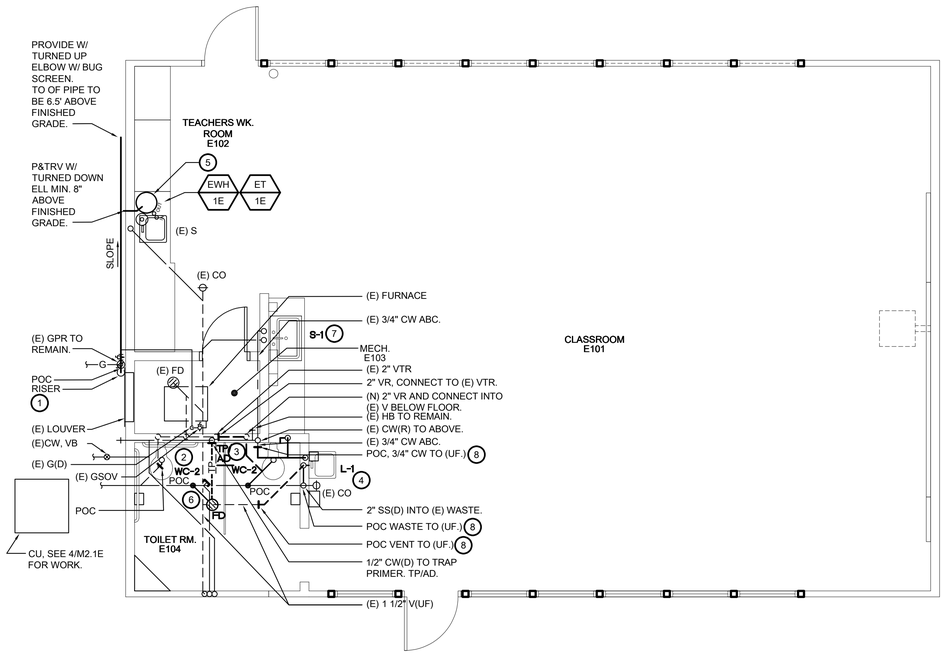
SCALE: 1/4" =1'-0"

0 2' 8' / 1' 4'

NORTH

DEMOLITION SHEET NOTES:

1. REMOVE WATER HEATER, EXP. TANK AND SUPPORTS BELOW CABINET. DISCONNECT WATER, DRAIN, P&TRV PIPING FROM WATER HEATER. PREPARE FOR NEW WATER, EXPANSION TANK AND PIPING RECONNECTION OF SERVICES.
2. REMOVE WATER CLOSET, AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL CHASE. CAP PIPING BACK INTO WALL CAVITY. PREPARE FOR PIPING RECONNECTION(S).
3. REMOVE LAVATORY AND WALL CARRIER. DISCONNECT AND CAP PIPING BEHIND ARCHITECTURAL SURFACES, CAP WASTE AND VENT BELOW FLOOR AND CW WATER PIPING ABOVE CEILING. PREPARE PIPING FOR RECONNECTION.
4. REMOVE SINK AND CAP PIPING BACK TO WALL. PREPARE FOR NEW SINK AND RECONNECTION OF EXISTING PIPING SERVICES.
5. CAP AND CUT CW, WASTE, VENT PIPING TO BELOW FINISHED FLOOR. PREPARE PIPING FOR RECONNECTION.



2 P2.1.E FLOOR PLAN - BUILDING E

SCALE: 1/4" =1'-0"

0 2' 8' / 1' 4'

NORTH

GENERAL SHEET NOTES:

1. ALL PIPING SHALL BE LOCATED BEHIND ARCHITECTURAL SURFACES.

SHEET NOTES:

1. CONNECT FULL SIZE PIPE TO VENT ON EXISTING GAS PRESSURE REGULATOR (GPR) AND EXTEND 10'-0" FROM (E) OUTSIDE AIR INTAKE LOUVER. SLOPE UP 1/4" PER FOOT.
2. NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
3. NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING SERVICES. EXTEND PER PLAN WASTE, VENT, AND WATER SERVICES TO FIXTURE.
4. NEW LAVATORY, ADJUST AND RECONNECT WASTE, VENT AND WATER FOR NEW LOCATION.
5. NEW WATER HEATER AND EXPANSION TANK. RECONNECT TO EXISTING PIPING SERVICES. ROUTE P&TRV TO GRADE.
6. NEW FLOOR DRAIN (FD), EXTEND PER PLAN WASTE, VENT, WATER AND TRAP PRIMER SERVICES.
7. RECONNECT PIPING TO NEW SINK.
8. EXTEND 3/4" CW, 2" SS, 1 1/2" V TO (E) SERVICES BELOW FLOOR.

0 4' 16' / 2' 8'

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12/31/23 RENEWAL DATE

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PLUMBING - DEMOLITION & FLOOR PLANS - BUILDING E

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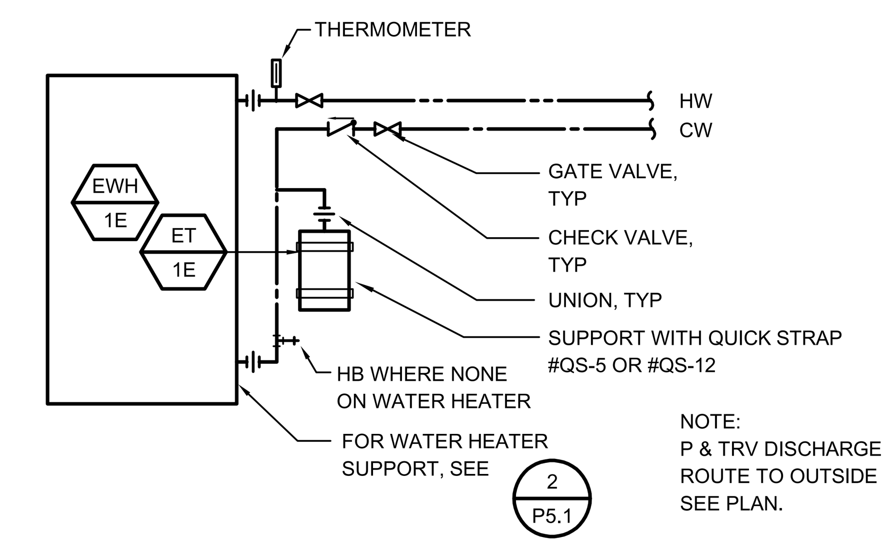
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P2.1.E

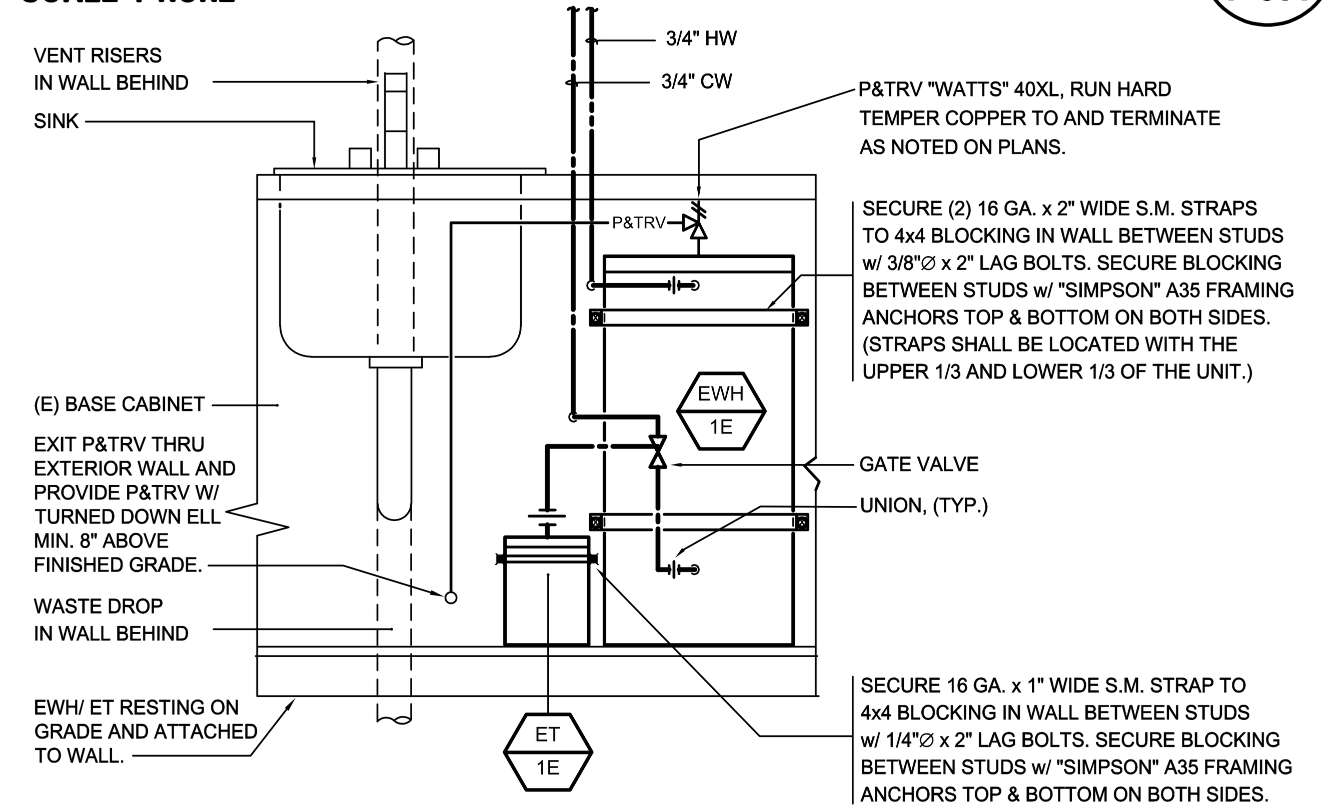
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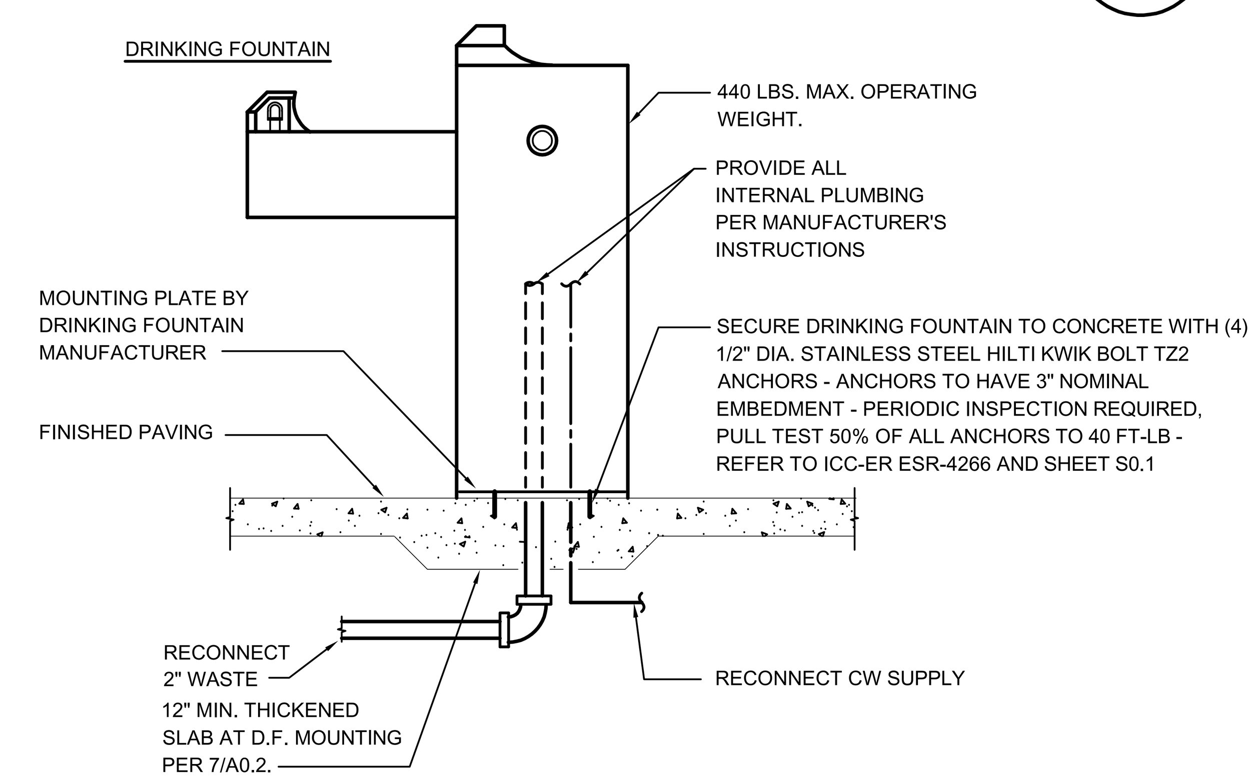
ELECTRIC WATER HEATER PIPING
1 / P5.1

SCALE : NONE



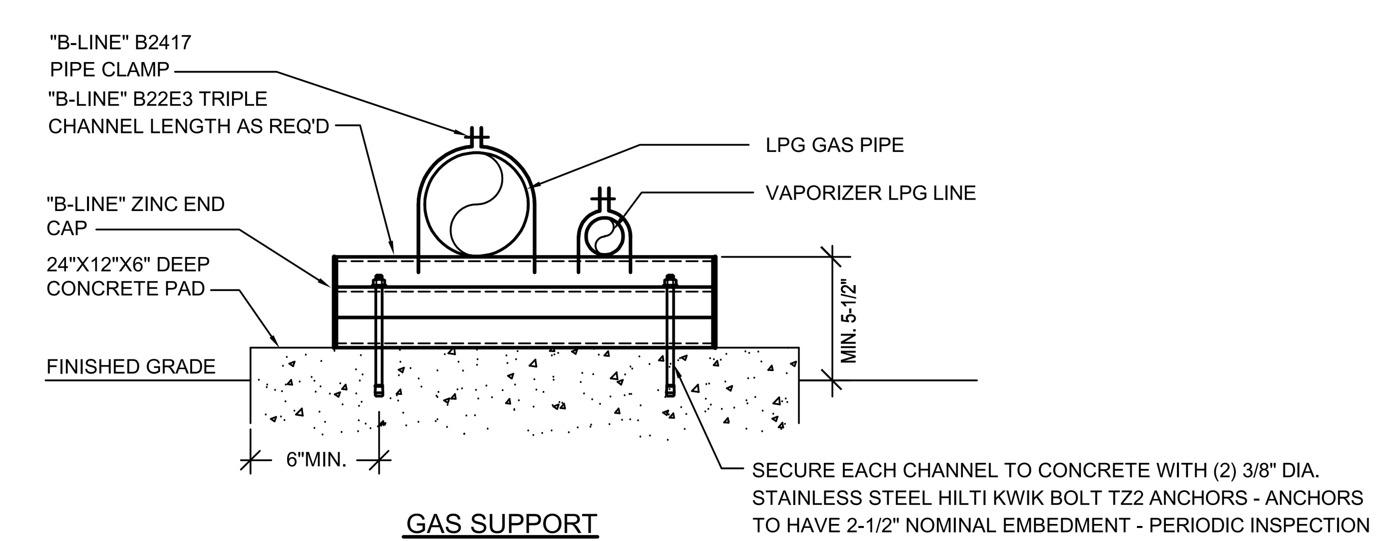
UNDERCOUNTER WATER HEATER
2 / P5.1

SCALE : NONE



DRINKING FOUNTAIN DETAIL
3 / P5.1

SCALE : NONE



NOTES:
1. ALL CHANNELS AND FITTINGS SHALL BE ELECTRO-GALVANIZED.
2. SPACE PIPE SUPPORTS ON GRADE AT 6' O.C. MIN. 2 SUPPORTS.

PIPE SUPPORT MOUNTING
4 / P5.1

SCALE : NONE

NOTE: NOT ALL DETAILS SHOWN MAY BE USED FOR THE LIMITED WORK SCOPE. SEE PLANS.

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PLUMBING - DETAILS

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ABBREVIATIONS

A	AMPERES
AC	ALTERNATING CURRENT
A.F.F.	ABOVE FINISHED FLOOR
A.I.C.	AMPERE INTERRUPTING CAPACITY
AMP	AMPERE
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
C.	CONDUIT
C.B.	CIRCUIT BREAKER
CKT	CIRCUIT
CLG.	CEILING
C.O.	CONDUIT ONLY, WITH PULL WIRE
DC	DIRECT CURRENT
(E)	EXISTING
(ER)	EXISTING RELOCATED
EMT	ELECTRICAL METALLIC CONDUIT
(F)	FUTURE
GA.	GAUGE
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
Isc	SHORT CIRCUIT AMPERES
ISO	ISOLATED
K	THOUSAND
KV	KILO VOLT
KVA	KILO VOLT AMPERE
KW	KILO WATT
MAX.	MAXIMUM
MFR.	MANUFACTURER
MIN.	MINIMUM
MTD.	MOUNTED
N	NEUTRAL
(N)	NEW
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
N.I.C.	NOT IN CONTRACT
PFB	PROVISIONS FOR FUTURE CIRCUIT BREAKER
PH	PHASE
(R)	REMOVE
(RE)	RELOCATE EXISTING
RCPT.	RECEPTACLE
S.M.S	SHEET METAL SCREW
SWBD	SWITCHBOARD
SYS	SYSTEM
TYP.	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
V	VOLT
VA	VOLT-AMPERES
W	WIRE, WATT
WP	WEATHER PROTECTED
XFMR	TRANSFORMER

ELECTRICAL SYMBOL LIST

- ENCLOSED LUMINAIRE - CEILING LAY-IN
- EXISTING LUMINAIRE TO BE REMOVED
- SWITCH, +45" AFF - "a,b" LETTER DENOTES MULTI-SWITCH FUNCTION, TYPICAL FOR ALL SWITCHES, MOTION SENSORS AND DAYLIGHT SENSORS UNLESS NOTED OTHERWISE. "K" DENOTES SINGLE POLE TOGGLE SWITCH.
- DIMMER ON/OFF SWITCH - +45"AFF.
- OCCUPANCY SENSOR SWITCH WITH MANUAL OVERRIDE - WALL MOUNTED AT +45" AFF UNLESS NOTED OTHERWISE
- OCCUPANCY AREA SENSOR SWITCH - CEILING MOUNTED OS = OCCUPANCY SENSOR; PC = PHOTOCELL; DL = DAYLIGHT
- JUNCTION BOX - SIZE AS REQUIRED BY CODE
- DUPLEX CONVENIENCE OUTLET - NEMA 5-20R +18" A.F.F. TYPICAL FOR ALL CONVENIENCE OUTLETS, UNLESS NOTED OTHERWISE. LETTERS SHOWN ADJACENT TO OUTLET DESIGNATE THE FOLLOWING: "A" - HORIZONTAL ABOVE COUNTER
- GFCI DUPLEX CONVENIENCE OUTLET - NEMA 5-20R
- QUADPLEX CONVENIENCE OUTLET - NEMA 5-20R. +18" A.F.F. UNLESS NOTED OTHERWISE. LETTER "A" SHOWN ADJACENT TO OUTLET DESIGNATES MOUNTED ABOVE COUNTER.
- SPECIAL RECEPTACLE AS SHOWN ON PLANS
- DATA OUTLET, +18" A.F.F. UNLESS NOTED OTHERWISE. LETTER "A" SHOWN ADJACENT TO OUTLET DESIGNATES MOUNTED ABOVE COUNTER, "BC" DESIGNATES OUTLET MOUNTED ON WALL JUST BELOW CEILING.
- SPEAKER - WALL MOUNTED
- CLOCK OUTLET/CLOCK - WALL MOUNTED
- CONDUIT RUN CONCEALED IN CEILINGS OR WALLS. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES. CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES 2 #12 AWG AND 1 #12 GREEN GROUND IN 1/2" CONDUIT. TYPICAL FOR ALL CONDUITS.
- FLEXIBLE CONDUIT CONCEALED. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES. CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES 2 #12 AWG AND 1 #12 GREEN GROUND IN 1/2" MINIMUM DIAMETER CONDUIT.
- CONDUIT RUN UNDERFLOOR OR UNDERGROUND MINIMUM 1" DIAMETER.
- CONDUIT HOMERUN TO PANELBOARD, SWITCHBOARD OR TERMINAL CABINET
- CONDUIT TURNED AND RISED UP
- CONDUIT TURNED AND DROPPED DOWN
- CONDUIT WITH CAP
- CONDUIT STUB WITH INSULATED BUSHING
- EXISTING CONDUIT AND WIRING
- EXISTING PANELBOARD - SURFACE MOUNTED
- EXISTING PANELBOARD - FLUSH MOUNTED
- TERMINAL CABINET
- SWITCHBOARD, DISTRIBUTION PANEL, OR MOTOR CONTROL CENTER
- EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, FUSED WITH FUSE SIZE INDICATED
- EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, NON-FUSIBLE
- EQUIPMENT CONTROLLER
- EQUIPMENT MOTOR POWER CONNECTIONS PART OF ELECTRICAL WORK
- UNDERGROUND PULLBOX. SEE PLANS FOR BOX SIZE (BASED ON CHRISTY PRODUCTS) AND
- MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
- DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET
- DRAWING PLAN OR DETAIL DESIGNATION - "1" OR "A" DENOTES PLAN OR DETAIL NUMBER, "E-1" DENOTES SHEET NUMBER

SYMBOL LIST NOTES:

1. EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN THE SAME AS NEW, EXCEPT LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE TO REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION.
2. VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN TO THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.

DEMOLITION GENERAL NOTES

1. INFORMATION SHOWN RELATIVE TO EXISTING CONDITIONS IS BASED UPON AVAILABLE RECORDS AND DATA. THEREFORE, IT SHALL BE REGARDED AS AN APPROXIMATION ONLY. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. PRIOR TO SUBMITTING BID AND/OR BEFORE START OF ANY ELECTRICAL WORK, INSPECT ALL EXISTING LOCATIONS AND CONDITIONS AND ASCERTAIN WORK REQUIRED TO CLEAR PROJECT AREA OF ALL EXISTING ELECTRICAL ITEMS NOT BEING REUSED OR EXISTING TO REMAIN AS IS. REPORT ALL DISCREPANCIES AND COORDINATE ALL DEMOLITION WORK WITH THE OWNER'S REPRESENTATIVE. MAINTAIN SERVICE TO EXISTING ELECTRICAL EQUIPMENT IN AREAS ADJACENT TO REMODEL AREA, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING ELECTRICAL AND FIRE ALARM EQUIPMENT ON EXISTING WALLS AND CEILINGS NOT REQUIRED TO BE DEMOLISHED UNLESS OTHERWISE NOTED. DELIVER ALL EXISTING ELECTRICAL EQUIPMENT IN REMODELED AREAS, THAT ARE REMOVED AND NOT REUSED ELSEWHERE, AND ARE DEEMED TO BE SALVAGEABLE IN THE JUDGMENT OF THE CONTRACTOR AND OWNER'S REPRESENTATIVE, TO THE OWNER. DELIVER ALL SALVAGED ELECTRICAL EQUIPMENT AND OTHER ITEMS TO A LOCATION DESIGNATED BY THE OWNER'S REPRESENTATIVE. REMOVE FROM SITE, ALL OTHER ELECTRICAL EQUIPMENT, HARDWARE, AND OTHER ITEMS THAT ARE DEEMED UNSALVAGEABLE BY CONTRACTOR AND THE OWNER'S REPRESENTATIVE.
3. CUT, PATCH AND MATCH IN ALL AREAS AFFECTED BY REMOVAL OF ELECTRICAL EQUIPMENT AND DEVICES.
4. CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND SERVICES AS POSSIBLE. SCHEDULE ANY POWER OR OTHER UTILITY SHUTDOWN WITH THE OWNER'S REPRESENTATIVE. SHUTDOWNS WHICH MAY BE REQUIRED SHALL BE PRESENTED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN WORK SHALL BE PERFORMED ON OVERTIME HOURS IF SO DIRECTED BY OWNER'S REPRESENTATIVE.
5. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, FIXTURES, OUTLETS, DEVICES, CONDUIT, WIRING AND OTHER ELECTRICAL ITEMS, WHETHER SHOWN OR NOT, FROM EXISTING CEILINGS AND WALLS WHICH ARE TO BE DEMOLISHED. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING REMAINING DEVICES, UNLESS OTHERWISE NOTED.
6. COORDINATE WITH OTHER TRADES AND PROMPTLY TRANSMIT ALL INFORMATION REQUIRED BY THEM. COORDINATE THE SEQUENCE OF DEMOLITION WITH OTHER TRADES TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY.
7. RELOCATE ALL CONDUITS THAT ARE TO REMAIN IN SERVICE WHICH ARE IN A LOCATION TO CONFLICT WITH NEW WORK.
8. WHEREVER EXISTING ELECTRICAL DEVICES, PANELS, CONDUITS, CABLES, AND OTHER ITEMS, CONFLICT WITH REMODEL WORK, WHETHER SHOWN OR NOT, RELOCATE THESE ITEMS TO COORDINATE WITH NEW CONSTRUCTION.
9. REUSE EXISTING CONDUITS AND WIRING WHEREVER POSSIBLE UNLESS OTHERWISE NOTED TO BE REMOVED.
10. PROVIDE FIRE RATED BACKBOXES TO MAINTAIN FIRE RATING OF CEILING OR WALLS AT LOCATIONS WHERE RECESSED ELECTRICAL EQUIPMENT SUCH AS LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELS, AND OTHER ITEMS, ARE INSTALLED IN RATED WALLS OR CEILINGS.
11. PROVIDE PROTECTIVE COVERING OVER EXISTING EQUIPMENT WHEN INSTALLING ALL NEW WORK.
12. PROVIDE NEW PANEL DIRECTORIES FOR EXISTING PANELS INVOLVED IN THIS RENOVATION WORK, REFLECTING ALL CHANGES TO CIRCUIT DESIGNATIONS.
13. ASBESTOS REMOVAL: IN THE EVENT ASBESTOS IS FOUND TO BE PRESENT IN AREAS CONFLICTING WITH ELECTRICAL WORK, BEFORE CONTINUATION OF WORK IN THOSE AREAS, NOTIFY THE OWNER'S REPRESENTATIVE FOR THE REMOVAL OF SUCH HAZARDOUS MATERIAL BY A CERTIFIED ASBESTOS CONTRACTOR.
14. CIRCUIT NUMBERS AND CIRCUITING BASED UPON AS-BUILTS. ACTUAL CONDITION MAY VARY. TRACE AND VERIFY ALL CIRCUITS SHOWN ARE AVAILABLE FOR DEMOLITION AND REUSE AS NEEDED DURING THE REMODEL PHASE. DOCUMENT ALL CHANGES ON AS-BUILT DRAWINGS.

MEP COMPONENT ANCHORAGE NOTE

MEP COMPONENT ANCHORAGE NOTE
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC. SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26, AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHINGLESS THAN 20 POUNDS, OR IN THE CASE OF SISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRUBUTION SYSTEM BRACING NOTE
PIPING , DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1616A.1.24, 1616A.1.25, AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRUBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSIDE PRIOR TO THE START AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):
MP☐ MD☐ PP☐ E☒ - OPTION 1 : DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP☐ MD☐ PP☐ E☐ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #)

ELECTRICAL SHEET INDEX

No. OF SHEETS	DRAWING No.	DRAWING DESCRIPTIONS
1	E0.1	ELECTRICAL SHEET INDEX, SYMBOL LIST, ABBREVIATIONS AND NOTES
~~2~~	~~E1.1~~	~~SITE PLAN - ELECTRICAL~~
~~3~~	~~E2.1.A~~	~~FLOOR PLANS - LIGHTING - BUILDING A~~
~~4~~	~~E2.2.A~~	~~FLOOR PLANS - ELECTRICAL - BUILDING A~~
~~5~~	~~E2.1.B~~	~~FLOOR PLANS - LIGHTING - BUILDING B~~
~~6~~	~~E2.2.B~~	~~FLOOR PLANS - ELECTRICAL - BUILDING B~~
7	E2.1.C	FLOOR PLANS - LIGHTING - BUILDING C
8	E2.2.C	FLOOR PLANS - ELECTRICAL - BUILDING C
9	E2.1.D	FLOOR PLAN - ELECTRICAL - BUILDING D
10	E2.1.E	FLOOR PLANS - ELECTRICAL - BUILDING E
11	E3.1	PARTIAL ONE-LINE POWER DIAGRAMS
12	E3.2	PANEL SCHEDULES
13	E4.1	ELECTRICAL DETAILS

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER / CATALOG NO.	VOLTAGE / DESCRIPTION	LIGHT SOURCE (LED, WATTS, LUMENS, COLOR TEMPERATURE, CRI, R9 IF AVAILABLE)	MOUNTING	REMARK NOTE No.
A	WILLIAMS PTS PTS-1-4-L45-9-35-RA-DIM-120	120V LED 1x4 SURFACE	LED, 33.7W, 3500K, 90CRI	SURFACE	
B	WILLIAMS 39 39-4-L30-9-35-A	120V LED 1x4 SURFACE	LED, 22.8W, 3500K, 90CRI	SURFACE	
~~P1~~	~~Gardco~~ ~~P26-48L-400-NW-G2-AR-3-120-CS50~~ ~~Gardco~~ ~~SRS-CB-5-11-25-D1-DT5~~	~~120V~~ ~~SINGLE PureForm LED P26~~ ~~25 FT STRAIGHT ROUND STEEL POLE~~	~~LED, 60W, 8827LM, 4000K, 70CRI~~	~~POLE~~	
~~P2~~	~~Gardco PureForm LED P26~~ ~~P26-48L-400-NW-G2-AR-3-120-CS50~~ ~~Gardco~~ ~~SRS-CB-5-11-25-D2-DT5~~	~~120V~~ ~~TWIN PureForm LED P26~~ ~~25 FT STRAIGHT ROUND STEEL POLE~~	~~LED, 60W, 8827LM, 4000K, 70CRI~~	~~POLE~~	

LUMINAIRE SCHEDULE REMARK NOTES:

GENERAL NOTE:

REFER TO PLAN FOR LOCATION, QUANTITIES, AND SWITCH FUNCTION.

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PROJECT #: 21248.21
PRJ MGR: Sinisha Glisic

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

ELECTRICAL SHEET INDEX, SYMBOL LIST, ABBREVIATIONS AND NOTES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER JESSE U. BASTIAN No. E20229 Exp. 03-31-23 ELECTRICAL STATE OF CALIFORNIA

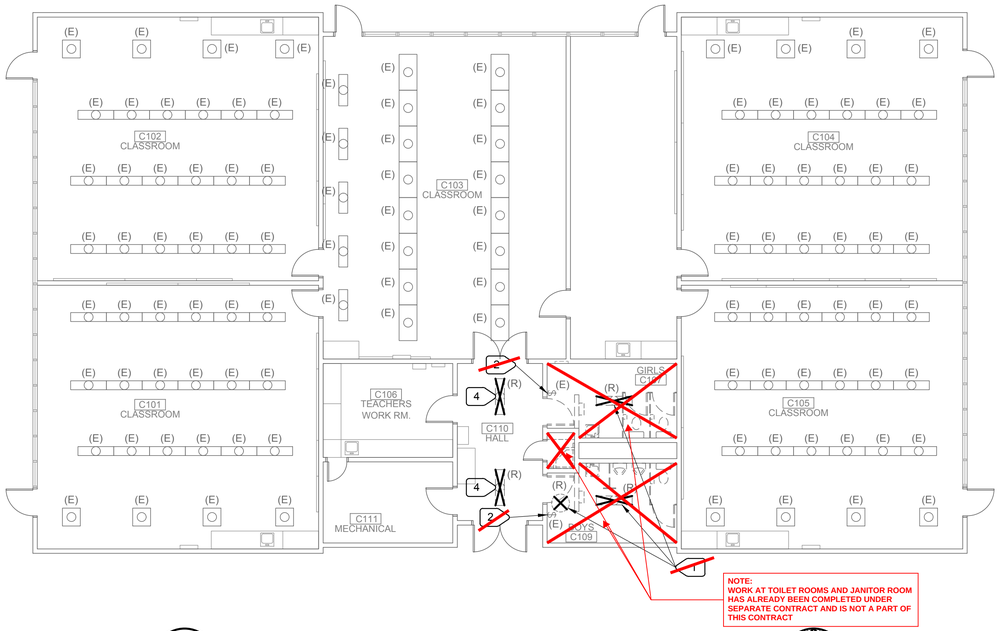
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UPDATED 11/17/2022		

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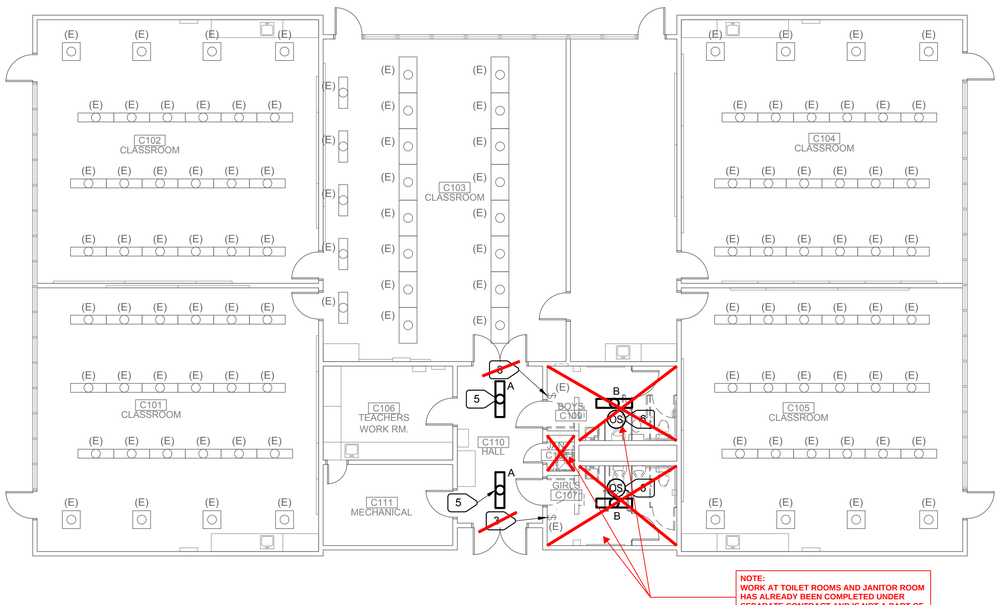
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1 / E2.1.C

DEMOLITION PLAN - LIGHTING - BUILDING C

SCALE : 1/8" = 1'-0"



2 / E2.1.C

REMODEL PLAN - LIGHTING - BUILDING C

SCALE : 1/8" = 1'-0"

NUMBERED NOTES

1. REMOVE EXISTING LIGHT FIXTURE. EXISTING CIRCUITRY TO BE REUSED FOR NEW FIXTURES IN AREA. REFER TO REMODEL PLANS.
2. EXISTING KEYED SWITCH TO BE REUSED FOR NEW LIGHTS IN RESTROOM. REFER TO REMODEL PLANS.
3. UTILIZE EXISTING KEYED SWITCH FOR NEW LIGHTS IN RESTROOM. EXTEND EXISTING CIRCUITRY AS REQUIRED. PROVIDE ALL APPURTENANCES FOR A COMPLETE AND OPERABLE SYSTEM.
4. REMOVE EXISTING LIGHT FIXTURE AND PROVIDE SIMILAR LIGHT FIXTURE AT SAME LOCATION AS SHOWN ON REMODEL PLAN. EXISTING CIRCUITRY AND CONTROL TO BE REUSED.
5. INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS DEMOLISHED FIXTURE. REUSE EXISTING CIRCUITRY AND CONTROL.
6. PROVIDE LINE VOLTAGE, DUAL TECHNOLOGY OCC. SENSOR.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

FLOOR PLANS - LIGHTING - BUILDING C

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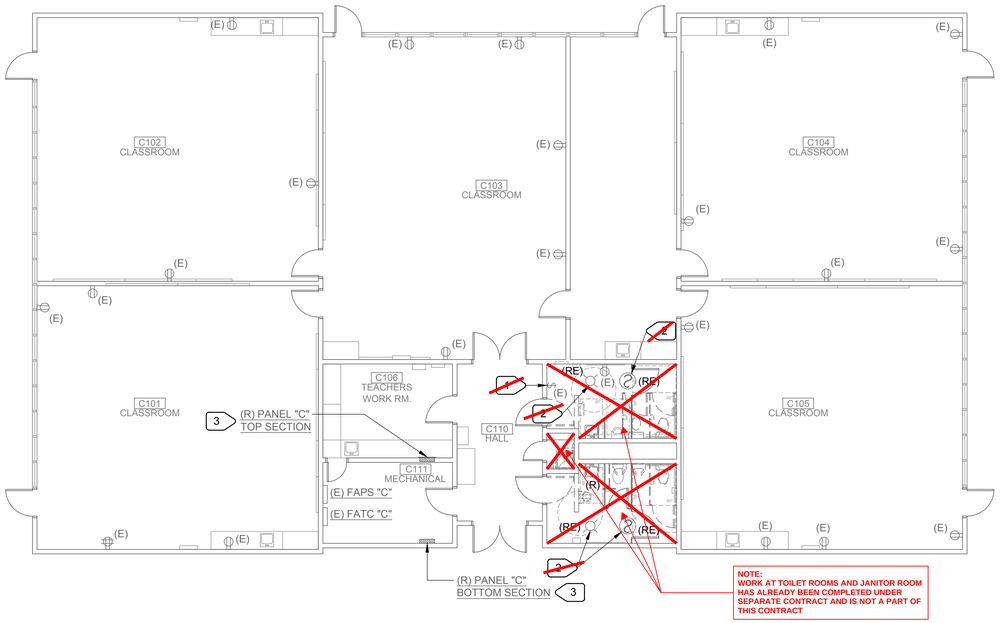
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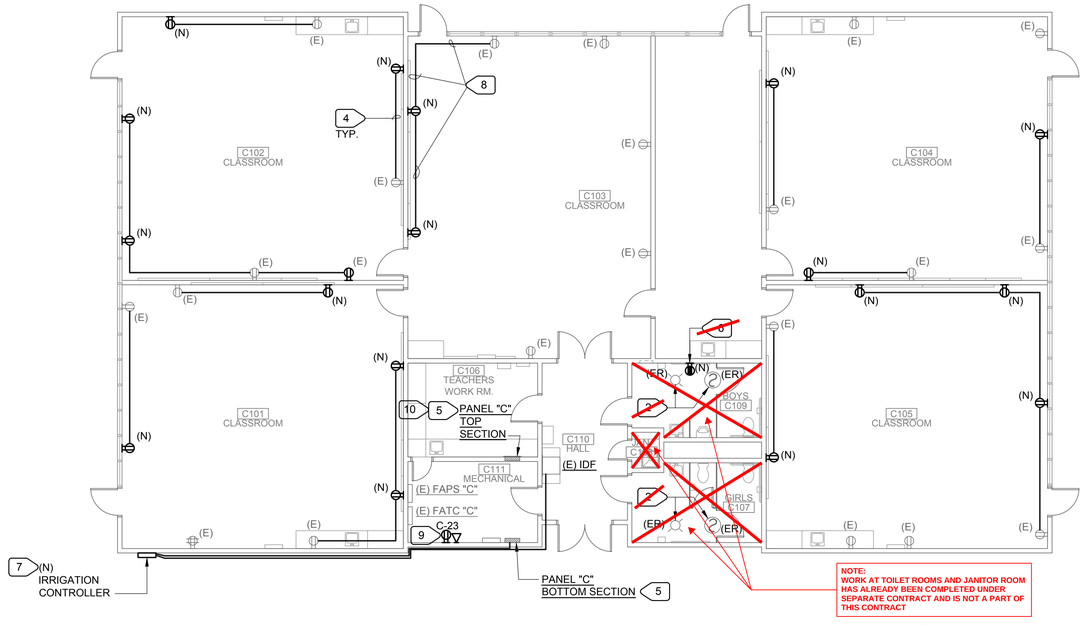
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1 E2.2.C

DEMOLITION PLAN - ELECTRICAL - BUILDING C

SCALE : 1/8" = 1'-0"



2 E2.2.C

REMODEL PLAN - ELECTRICAL - BUILDING C

SCALE : 1/8" = 1'-0"

NUMBERED NOTES

1. EXISTING SQUARE D MANUAL TOGGLE SWITCH TO REMAIN.
2. EXISTING FIRE ALARM DEVICE. REMOVE AND REINSTALL TO ACCOMMODATE NEW CEILING WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
3. EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
4. PROVIDE NEW RECEPTACLE. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN AREA. EXTEND EXISTING RACEWAYS AND CONDUCTORS AS REQUIRED. PROVIDE METAL SURFACE RACEWAY WIREMOLD SERIES 2000 OR SIMILAR. FIELD VERIFY ALL REQUIREMENTS.
5. NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
6. REPLACE (E) RECEPTACLE WITH (N) GFCI RECEPTACLE.
7. CONNECT (N) IRRIGATION CONTROLLER TO PANEL "C" - BOTTOM SECTION, CIRCUIT 22. PROVIDE (N) DATA DROP FOR IRRIGATION CONTROLLER. CONNECT TO (E) IDF. PROVIDE CAT6 OSP TYPE OF CABLE FOR (N) DATA DROP. RUN POWER AND DATA ON EXTERIOR WALL IN RIGID STEEL CONDUITS. COORDINATE EXACT ROUTE WITH ARCHITECT BEFORE ROUGH IN. PAINT CONDUITS TO MATCH SURFACE TO WHICH THEY ARE ATTACHED. FOR DATA DROP RUN WIREMOLD V700 FROM IDF TO EXTERIOR WALL HIGH ON WALL, JUST BELOW CEILING.
8. RUN (N) WIREMOLD VERTICALLY AROUND DOOR AND ENTER CEILING CHASE. RUN CONDUIT THROUGH CEILING CHASE AND WIREMOLD DOWN WALL TO (N) RECEPTACLES.
9. PROVIDE FOR (N) PELICAN EMS SYSTEM. RUN POWER TO TOP SECTION OF PANEL "C". RUN CAT6 CABLE TO (E) IDF. COORDINATE WITH MECHANICAL PRIOR TO ROUGH IN.
10. DISCONNECT (E) EXTERIOR LIGHTING CIRCUIT FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

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FLOOR PLANS - ELECTRICAL - BUILDING C

CONSULTANT

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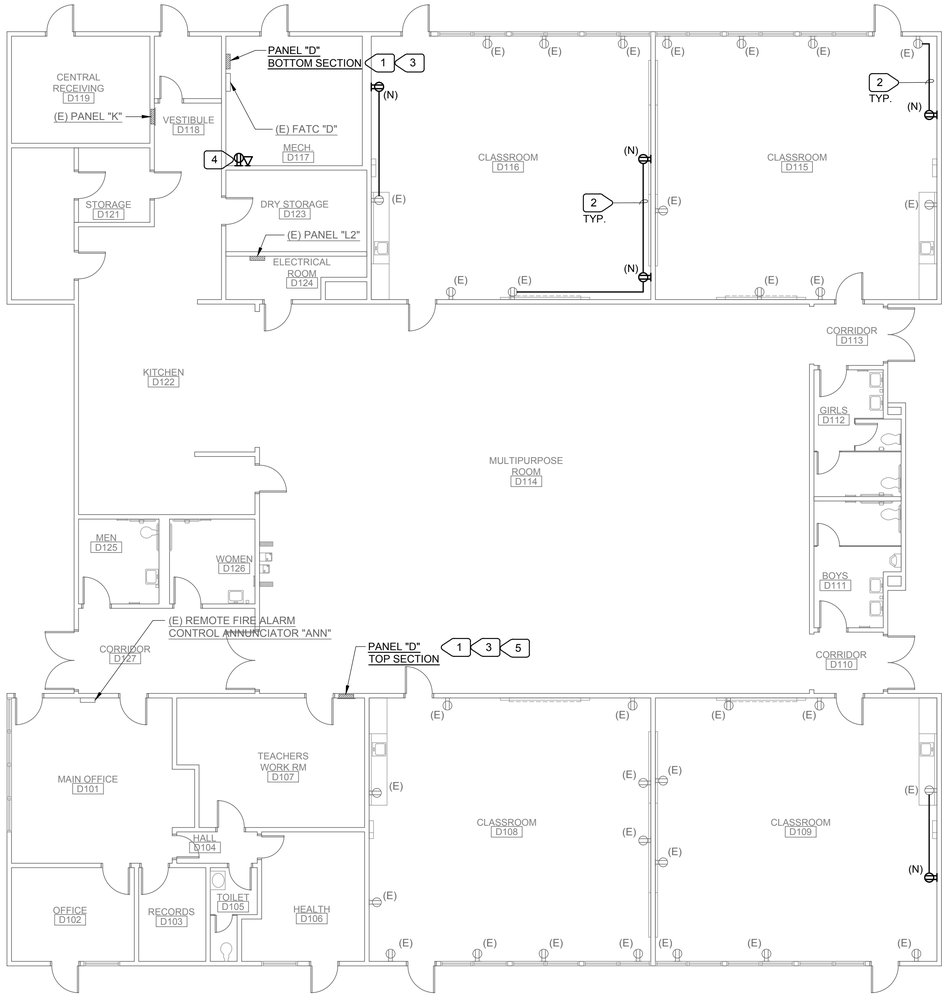
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1 E2.2D FLOOR PLAN - ELECTRICAL - BUILDING D

SCALE : 1/8" = 1'-0"

NUMBERED NOTES

1. EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
2. PROVIDE NEW RECEPTACLE. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN AREA. EXTEND EXISTING RACEWAYS AND CONDUCTORS AS REQUIRED. PROVIDE METAL SURFACE RACEWAY WIREMOLD SERIES 2000 OR SIMILAR. FIELD VERIFY ALL REQUIREMENTS.
3. NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
4. PROVIDE FOR (N) PELICAN EMS SYSTEM. RUN POWER TO (E) PANEL "K". RUN CAT6 CABLE TO (E) IDF. COORDINATE WITH MECHANICAL PRIOR TO ROUGH IN.
5. DISCONNECT (E) EXTERIOR LIGHTING AND PARKING LOT LIGHT CIRCUITS FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

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FLOOR PLAN - ELECTRICAL - BUILDING D

CONSULTANT

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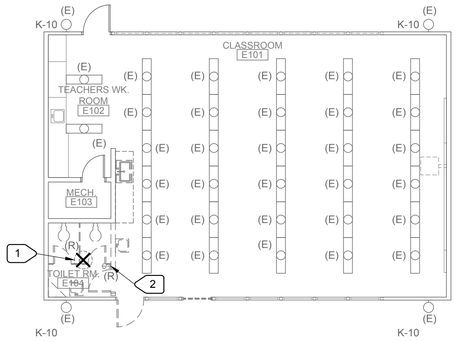
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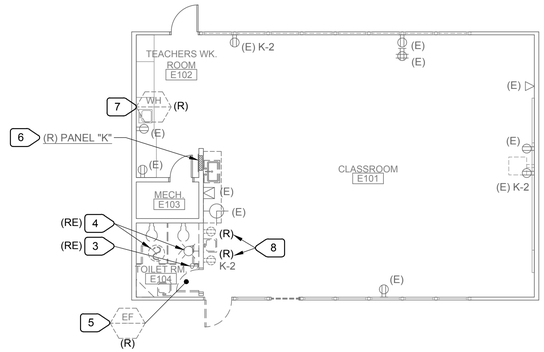
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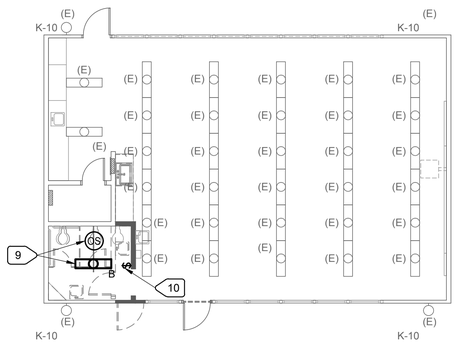
1 E2.1.E — DEMOLITION PLAN - LIGHTING - BUILDING E

SCALE : 1/8" = 1'-0"



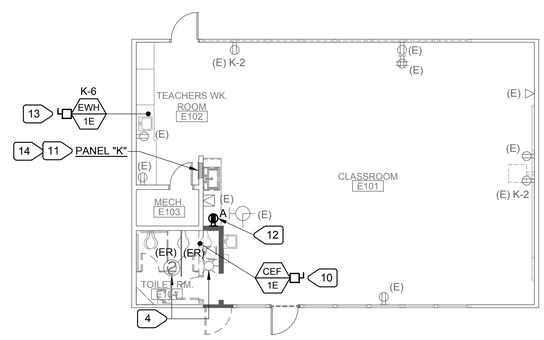
2 E2.1.E — DEMOLITION PLAN - ELECTRICAL - BUILDING E

SCALE : 1/8" = 1'-0"



1 E2.2.E — REMODEL PLAN - LIGHTING - BUILDING E

SCALE : 1/8" = 1'-0"



2 E2.2.E — REMODEL PLAN - ELECTRICAL - BUILDING E

SCALE : 1/8" = 1'-0"

NUMBERED NOTES

1. REMOVE EXISTING LIGHT FIXTURE. EXISTING CIRCUITRY TO BE REUSED FOR NEW FIXTURES IN AREA. REFER TO REMODEL PLANS.
2. REMOVE EXISTING LIGHT SWITCHES AND OCCUPANCY SENSOR. REFER TO REMODEL PLANS FOR NEW SWITCH.
3. EXISTING SQUARE D MANUAL TOGGLE SWITCH. REMOVE AND REINSTALL TO ACCOMMODATE NEW ARCHITECTURAL WALL WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
4. EXISTING FIRE ALARM DEVICE. REMOVE AND REINSTALL TO ACCOMMODATE NEW ARCHITECTURAL WALL WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
5. EXISTING EXHAUST FAN. DISCONNECT AND REMOVE WIRING TO SOURCE. COORDINATE WITH MECHANICAL.
6. EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
7. DISCONNECT (E) WATER HEATER. REMOVE WIRING BACK TO PANEL "K".
8. REMOVE (E) RECEPTACLE. REMOVE CONDUIT TO EXTENT OF WALL DEMOLITION. PROTECT WIRING TO ADD (N) RECEPTACLE.
9. REVISE (E) LIGHTING CIRCUIT TO CONNECT (N) FIXTURE. PROVIDE LINE VOLTAGE, DUAL TECHNOLOGY OCC. SENSOR.
10. CONNECT (N) EXHAUST FAN INTO LIGHTING CIRCUIT SUCH THAT FAN TURN ON WITH LIGHT IN THE RESTROOM. PROVIDE (N) SWITCH. (N) SWITCH SHALL HAVE DUAL OFF FUNCTION - LIGHT IMMEDIATE OFF, FAN 15MIN. DELAY OFF.
11. NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
12. (N) RECEPTACLE, CONNECT TO (E) POWER CIRCUIT, SEE NOTE 8.
13. CONNECT (N) WATER HEATER TO (N) PANEL "K". COORDINATE W/ MECHANICAL CONTRACTOR BEFORE ROUGH-IN.
14. DISCONNECT (E) EXTERIOR LIGHTING CIRCUIT FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

FLOOR PLANS - ELECTRICAL - BUILDING E

CONSULTANT

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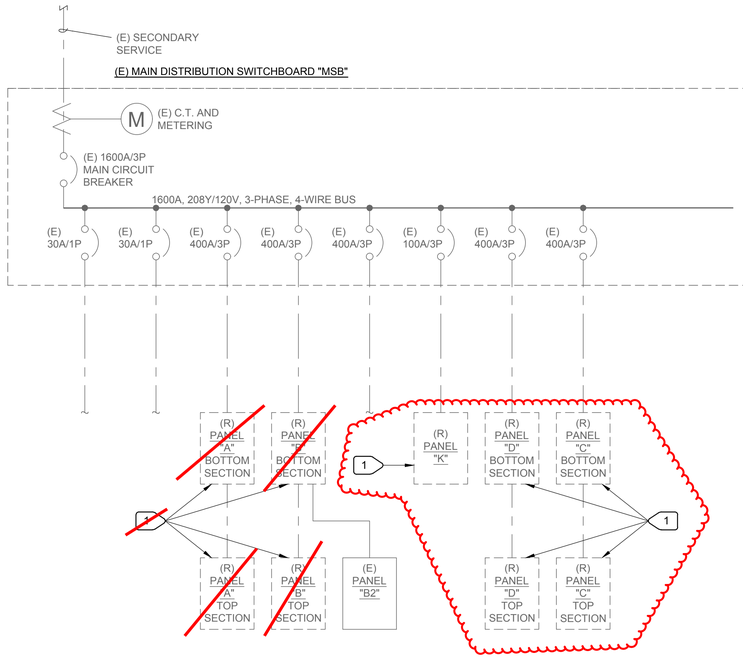
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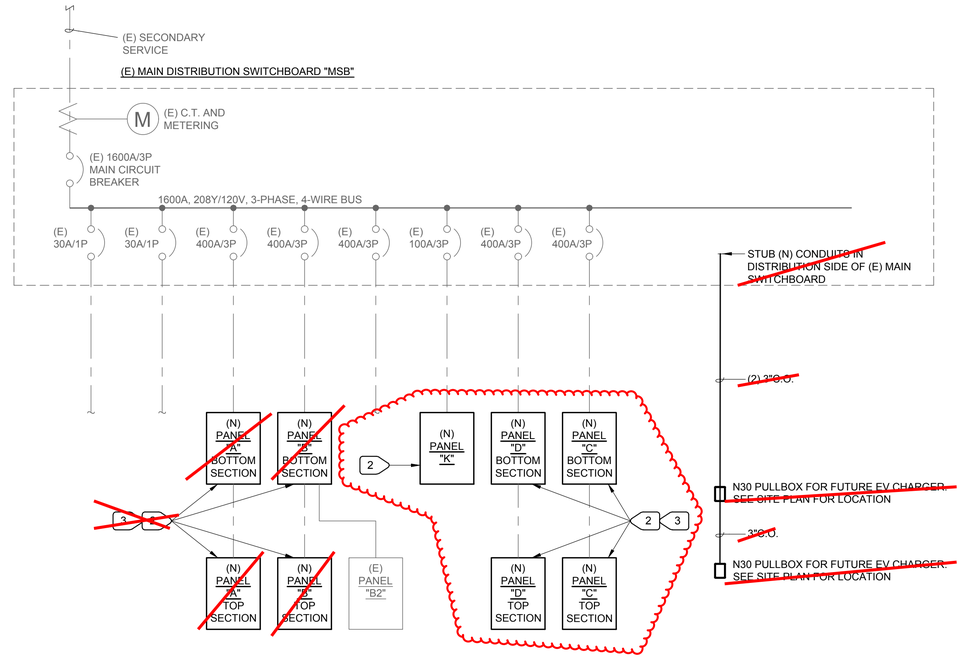
NUMBERED NOTES

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2. NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY. REFER TO PANEL SCHEDULE.
3. ELECTRICAL CONTRACTOR SHALL ENSURE THAT (N) PANELS ARE OF SIMILAR DIMENSIONS AS EXISTING REMOVED PANELS. ELECTRICAL CONTRACTOR SHALL WORK WITH SUPPLIER TO PROVIDE SIMILAR SIZE OF (N) PANELS BEFORE ORDERING (N) PANELS.



1 E3.1 DEMOLITION PARTIAL ONE-LINE POWER DIAGRAM

NO SCALE



2 E3.1 REMODEL PARTIAL ONE-LINE POWER DIAGRAM

NO SCALE

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL ONE-LINE POWER DIAGRAMS

CONSULTANT

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E3.1

NOTE: REFER TO 6/E4.1 FOR PANELS INSTALLATION AND MAXIMUM WEIGHT

NEW PANEL "A" BOTTOM SECTION SCHEDULE

POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB" | LOCATION: UNIT "A", MECHANICAL "A111"

TYPE:	BUS: 400A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: SURFACE	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
			1	A	2	20/1		(E) RECEPTACLE
(E) AC-1		40/3	3	B	4	20/2		(E) WATER HEATER
			5	C	6			
			7	A	8			
(E) AC-2		40/3	9	B	10	40/3		(E) AC-4
			11	C	12			
			13	A	14			
(E) AC-3		50/3	15	B	16	40/3		(E) AC-5
			17	C	18			
			19	A	20	20/1		(E) SANYO DUCTLESS UNIT
(E) SUB PANEL		125/3	21	B	22	20/1		SPARE
			23	C	24			(E) SPACE

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "A" TOP SECTION SCHEDULE

POWER SOURCE: DISTRIBUTION PANEL "A" BOTTOM SECTION | LOCATION: UNIT "A", TEACHERS "A106"

TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: RECESSED	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
(E) LIGHTS ROOM 14		20/1	1	A	2	20/1		(E) LIGHTS ROOM 11
(E) LIGHTS ROOM 14		20/1	3	B	4	20/1		(E) LIGHTS ROOM 13
(E) LIGHTS ROOM 15		20/1	5	C	6	20/1		(E) LIGHTS ROOM 16
(E) LIGHTS ROOM 15		20/1	7	A	8	20/1		(E) LIGHTS ROOM 16
(E) LIGHTS ROOM 19		20/1	9	B	10	20/1		(E) LIGHTS TEACHER'S EQUP
(E) LIGHTS ROOM 19		20/1	11	C	12	20/1		(E) RECPT ROOMS 3,5,HALL
(E) LIGHTS ROOM 19		20/1	13	A	14	20/1		(E) RECPT ROOMS 3,4
(E) RECPT ROOMS 13,14		20/1	15	B	16	20/1		(E) RECPT ROOM 11
(E) RECPT ROOMS 13,14		20/1	17	C	18	20/1		(E) RESTROOMS
(E) RECPT ROOMS 13,14		20/1	19	A	20	20/1		(E) SPARE
(E) NIGHT LIGHTS		20/1	21	B	22	20/1		(E) EXHAUST FAN - RESTRMS
(E) HEATING & COOLING CONT		20/1	23	C	24	20/1		(E) EXHAUST FAN - TCHR RM
(E) KILN		50/2	25	A	26	20/1		(E) RECPT IDF
			27	B	28	20/1		SPARE
(N) REC. FOR PELICAN SYST.		20/1	29	C	30	20/1		(E) FIRE ALARM PANEL (2) (3)

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD
2. ENSURE THAT NO OTHER EQUIPMENT EXCEPT FIRE ALARM EQUIPMENT IS CONNECTED TO THIS CIRCUIT. PROVIDE RED HANDLE AND LOCKING DEVICE AT CIRCUIT BREAKER. IDENTIFY AS "FIRE ALARM CIRCUIT".
3. LOCATION OF CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT.

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "D" BOTTOM SECTION SCHEDULE

POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB" | LOCATION: UNIT "D", MECHANICAL "D117"

TYPE:	BUS: 400A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: SURFACE	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
			1	A	2	20/1		
(E) AC-D1		40/3	3	B	4	20/2		(E) AC-D2
			5	C	6			
			7	A	8			
(E) AC-D3		40/3	9	B	10	40/3		(E) AC-D4
			11	C	12			
			13	A	14			
(E) AC-D5		50/3	15	B	16	40/3		(E) AC-D6
			17	C	18			
(E) RCPTS-ROOF			19	A	20	30/1		
(E) CEF/D1,D2,D6		125/3	21	B	22	PFB		(E) AC-D7
(E) FIRE/SMOKEDAMPERS (2) (3)			23	C	24	PFB		
(E) MAIN FACP (2) (3)			25	A	26			SPACE
SPACE			27	B	28			SPACE
SPACE			29	C	30			SPACE

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD
2. ENSURE THAT NO OTHER EQUIPMENT EXCEPT FIRE ALARM EQUIPMENT IS CONNECTED TO THIS CIRCUIT. PROVIDE RED HANDLE AND LOCKING DEVICE AT CIRCUIT BREAKER. IDENTIFY AS "FIRE ALARM CIRCUIT".
3. LOCATION OF CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT.

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "B" BOTTOM SECTION SCHEDULE

POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB" | LOCATION: UNIT "B", MECHANICAL "B111"

TYPE:	BUS: 400A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: SURFACE	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
			1	A	2			
(E) AC-B1		20/3	3	B	4	40/3		(E) AC-4
			5	C	6			
			7	A	8			
(E) AC-B2		40/3	9	B	10	100/3		(E) SUB PANEL 'B2'
			11	C	12			
			13	A	14			
(E) AC-B3		50/3	15	B	16	40/3		(E) AC-5
			17	C	18			
			19	A	20	20/1		(E) RECEPTACLE
(E) SUB PANEL 'B'		125/3	21	B	22	30/1		(E) FUJITSU
			23	C	24			SPARE

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "B" TOP SECTION SCHEDULE

POWER SOURCE: DISTRIBUTION PANEL "B" BOTTOM SECTION | LOCATION: UNIT "B", TEACHERS WORK RM. "B106"

TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: RECESSED	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
(E) LIGHTS ROOM 5		20/1	1	A	2	20/1		(E) LIGHTS ROOM 4
(E) LIGHTS ROOM 5		20/1	3	B	4	20/1		(E) LIGHTS ROOM 7
(E) LIGHTS ROOM 10		20/1	5	C	6	20/1		(E) LIGHTS ROOM 9
(E) LIGHTS ROOM 10		20/1	7	A	8	20/1		(E) LIGHTS ROOM 9
(E) LIGHTS ROOM 3		20/1	9	B	10	20/1		(E) LTS TCHR'S EQUP, RSTRM
(E) LIGHTS ROOM 3		20/1	11	C	12	20/1		(E) RECPT ROOMS 3,5,HALL
(E) LIGHTS ROOM 3		20/1	13	A	14	20/1		(E) RECPT ROOMS 3,4
(E) RECPT EAST WALL RM 9		20/1	15	B	16	20/1		(E) RECPT ROOM 4,5,7,8
(E) RECPT SOUTH ROOMS 9,10		20/1	17	C	18	20/1		(E) TEACHERS
(E) RECPT ROOMS 10		20/1	19	A	20	20/1		(E) HALL, RESTROOMS
(E) NIGHT LIGHTS		20/1	21	B	22	20/1		(E) EXHAUST FAN - RESTRMS
(E) HEATING AND COOLING CO		20/1	23	C	24	20/1		(E) EXHAUST FAN - TCHR RM
(E) WATER HEATER		20/2	25	A	26	20/1		SPARE
			27	B	28	20/1		SPARE
(N) REC. FOR PELICAN SYST.		20/1	29	C	30	20/1		SPARE

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "D" TOP SECTION SCHEDULE

POWER SOURCE: DISTRIBUTION PANEL "D" BOTTOM SECTION | LOCATION: UNIT "D", TEACHERS WORK ROOM "D107"

TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: RECESSED	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
(E) EXISTING LOAD		20/1	1	A	2	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	3	B	4	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	5	C	6	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	7	A	8	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	9	B	10	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	11	C	12	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	13	A	14	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	15	B	16	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	17	C	18	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	19	A	20	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	21	B	22	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	23	C	24	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	25	A	26	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	27	B	28	20/1		(E) EXISTING LOAD
(E) EXISTING LOAD		20/1	29	C	30	20/1		(N) SITE LIGHTING

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "C" BOTTOM SECTION SCHEDULE

POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB" | LOCATION: UNIT "C", MECHANICAL "C111"

TYPE:	BUS: 225A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: SURFACE	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
			1	A	2	20/1		(E) RECEPTACLE
(E) AC-1		40/3	3	B	4	20/2		(E) WATER HEATER
			5	C	6			
			7	A	8			
(E) AC-2		40/3	9	B	10	40/3		(E) AC-4
			11	C	12			
			13	A	14			
(E) AC-3		50/3	15	B	16	40/3		(E) AC-5
			17	C	18			
			19	A	20	30/1		(E) SANYO DUCTLESS UNIT
(E) SUB PANEL 'C'		125/3	21	B	22	20/1		(N) IRRIGATION CONTROLLER
			23	C	24			SPACE

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "C" TOP SECTION SCHEDULE

POWER SOURCE: DISTRIBUTION PANEL "C" BOTTOM SECTION | LOCATION: UNIT "C", TEACHERS WORK RM. "C106"

TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: RECESSED	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
(E) LIGHTS ROOM 5		20/1	1	A	2	20/1		(E) LIGHTS ROOM 4
(E) LIGHTS ROOM 5		20/1	3	B	4	20/1		(E) LIGHTS ROOM 4
(E) LIGHTS ROOM 2		20/1	5	C	6	20/1		(E) LIGHTS ROOM 5
(E) LIGHTS ROOM 2		20/1	7	A	8	20/1		(E) LIGHTS ROOM 1
(E) LIGHTS ROOM 3		20/1	9	B	10	20/1		(E) LTS TCHR'S EQUP, RSTRM
(E) LIGHTS ROOM 3		20/1	11	C	12	20/1		(E) RECPT ROOMS 3,4,5,HALL
(E) LIGHTS ROOM 3		20/1	13	A	14	20/1		(E) RECPT ROOMS 3,4
(E) RECPT COMPUTER 17A		20/1	15	B	16	20/1		(E) RECPT ROOMS 4,5
(E) RECPT ROOMS 17		20/1	17	C	18	20/1		SPARE
(E) RECPT ROOM 6		20/1	19	A	20	20/1		SPARE
(E) NIGHT LIGHTS		20/1	21	B	22	20/1		(E) EXHAUST FAN - RESTRMS
(E) HEATING AND COOLING CC		20/1	23	C	24	20/1		(E) EXHAUST FAN - TCHR RM
(N) REC. FOR PELICAN SYST.		20/1	25	A	26	20/1		(E) RECPT IDF
SPARE		20/1	27	B	28	20/1		(E) RECPT
SPARE		20/1	29	C	30	20/1		(E) FIRE ALARM PANEL (2) (3)

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD
2. ENSURE THAT NO OTHER EQUIPMENT EXCEPT FIRE ALARM EQUIPMENT IS CONNECTED TO THIS CIRCUIT. PROVIDE RED HANDLE AND LOCKING DEVICE AT CIRCUIT BREAKER. IDENTIFY AS "FIRE ALARM CIRCUIT".
3. LOCATION OF CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT.

PHASE A=	0.0	kVA
PHASE B=	0.0	kVA
PHASE C=	0.0	kVA
TOTAL =	0.0	kVA
TOTAL =	0.0	Amperes

NEW PANEL "K" SCHEDULE

POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB" | LOCATION: BLDG "E"

TYPE:	BUS:	MAIN BKR 100A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES	MOUNTING: RECESSED	REMARKS: MATCH AIC RATING OF REMOVED PANEL

LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED
(E) LIGHTING CLASSRM	1.5	20/1	1	A	2	20/1	1.1	(E) RECEPTACLES
(E) LIGHTING CLASSRM	1.5	20/1	3	B	4	20/1		(E) SPARE
(E) LTG RSTRMS, TCHRS, MEC	1.1	20/1	5	C	6	20/1	1.6	(N) EWH 1E
(E) NIGHT LIGHTS	1.0	20/1	7	A	8	20/1	1.0	(E) RECPT SINK
(E) CLASSROOM...	1.3	20/1	9	B	10	20/1		(E) FUTURE HEATER
SPACE			11	C	12			SPACE
(E) CU 1E	3.4	50/2	13	A	14		0.4	
	3.4		15	B	16	15/3	0.4	(E) 3/4 HP FAN
SPARE		20/1	17	C	18		0.4	

NOTE(S)
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD

PHASE A=	8.4	kVA
PHASE B=	6.6	kVA
PHASE C=	3.1	kVA
TOTAL =	18.0	kVA
TOTAL =	50.0	Amperes

Nov 16, 2022 – 1:01pm, / sglisic
UNAUTHORIZED CHANGES & USES: M. Neils Engineering, Inc. preparing these plans will not be responsible for, or liable for unauthorized changes to or uses to these plans. All changes to these plans must be in writing and must be approved by M. Neils Engineering, Inc.

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PRJ MGR: Sinisha Glisic

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SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN L. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PANEL SCHEDULES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER JESSE U. BASTIAN No. E20229 Exp. 03-31-23 ELECTRICAL STATE OF CALIFORNIA

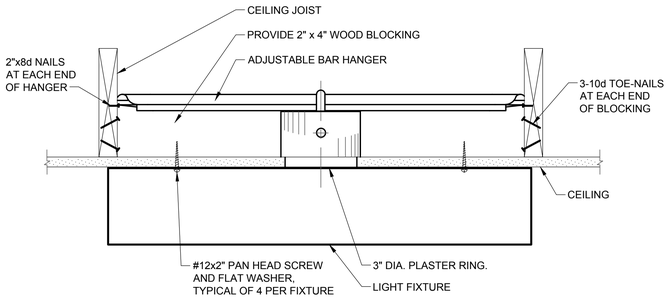
01/04/2023

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE 3/28/2022		
DRAWN MNE		
CHECKED SKL		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

E3.2

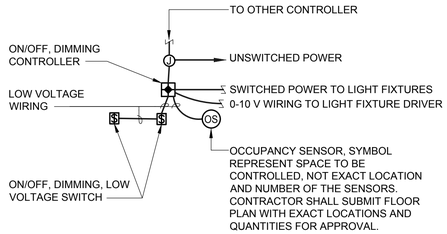
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"A" TYPE FIXTURE WEIGHT 18.5LB.
"B" TYPE FIXTURE WEIGHT 14.7LB.

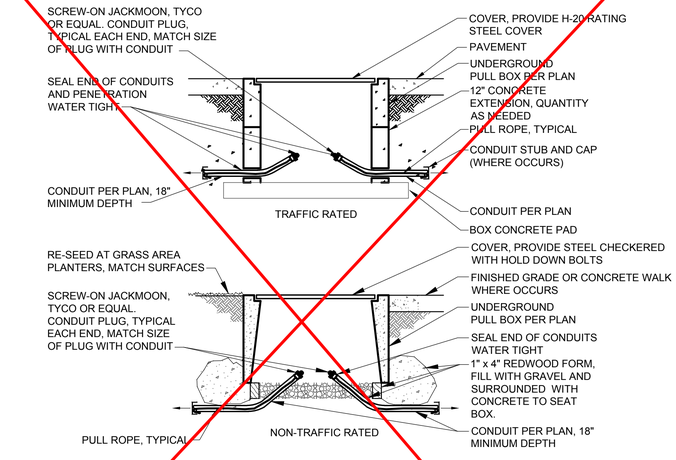
1 E4.1 SURFACE FIXTURE MOUNTING DETAIL

NO SCALE



2 E4.1 LIGTHING SWITCHING DIAGRAMS

NO SCALE

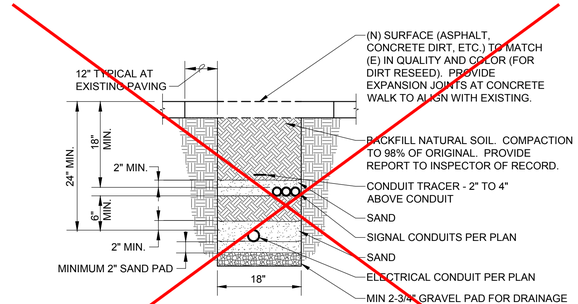


NOTES:

1. PULL BOX SHALL BE TRAFFIC RATED (H-20) WHEN SUBJECT TO VEHICULAR TRAFFIC
2. CLEAN 2" AND LARGER SPARE EMPTY CONDUITS WITH APPROPRIATE SIZE MANDREL PRIOR TO PLACING PULL ROPE AND PLUGGING EMPTY CONDUITS WITH CONDUIT PLUGS.
3. PULL ROPE: TIE OFF EACH END TO DUCT PLUG TO PREVENT PULL ROPE LOSS IN CONDUIT.

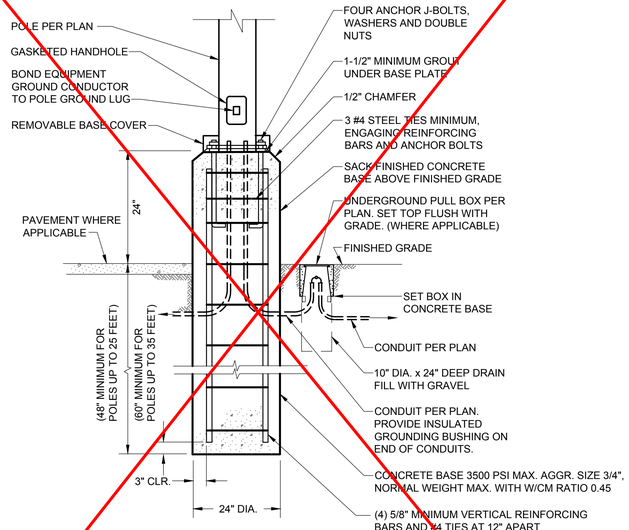
3 E4.1 UNDERGROUND PULL BOX DETAIL

NO SCALE



4 E4.1 CONDUIT TRENCHING DETAIL

NO SCALE

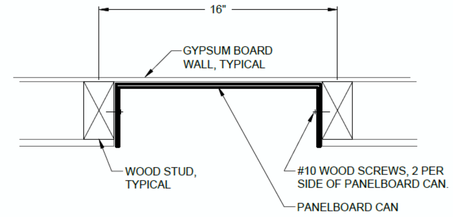


(CALCULATED DIMENSIONS AND MATERIALS BASED ON 100 MPH WIND)

5 E4.1 POLE BASE MOUNTING DETAIL

NO SCALE

DSA REVIEW IS NOT REQUIRED FOR LIGHT POLE UNDER 35' HEIGHT



FLUSH MOUNTING

MAXIMUM WEIGHT: 190LB.

6 E4.1 PANELBOARD MOUNTING DETAIL

NO SCALE

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ELECTRICAL DETAILS

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01/04/2023

PROJECT NO. 21-32-052	REVISIONS	BY
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E4.1

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