PARKWAY ECC - WEST CAMPUS

14605 CLAYTON RD., BALLWIN, MO 63011

Parkway PN #652501B

Building Renovation and Site Improvements

BID/PERMIT SET
11/05/2026

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Michael Mitchell
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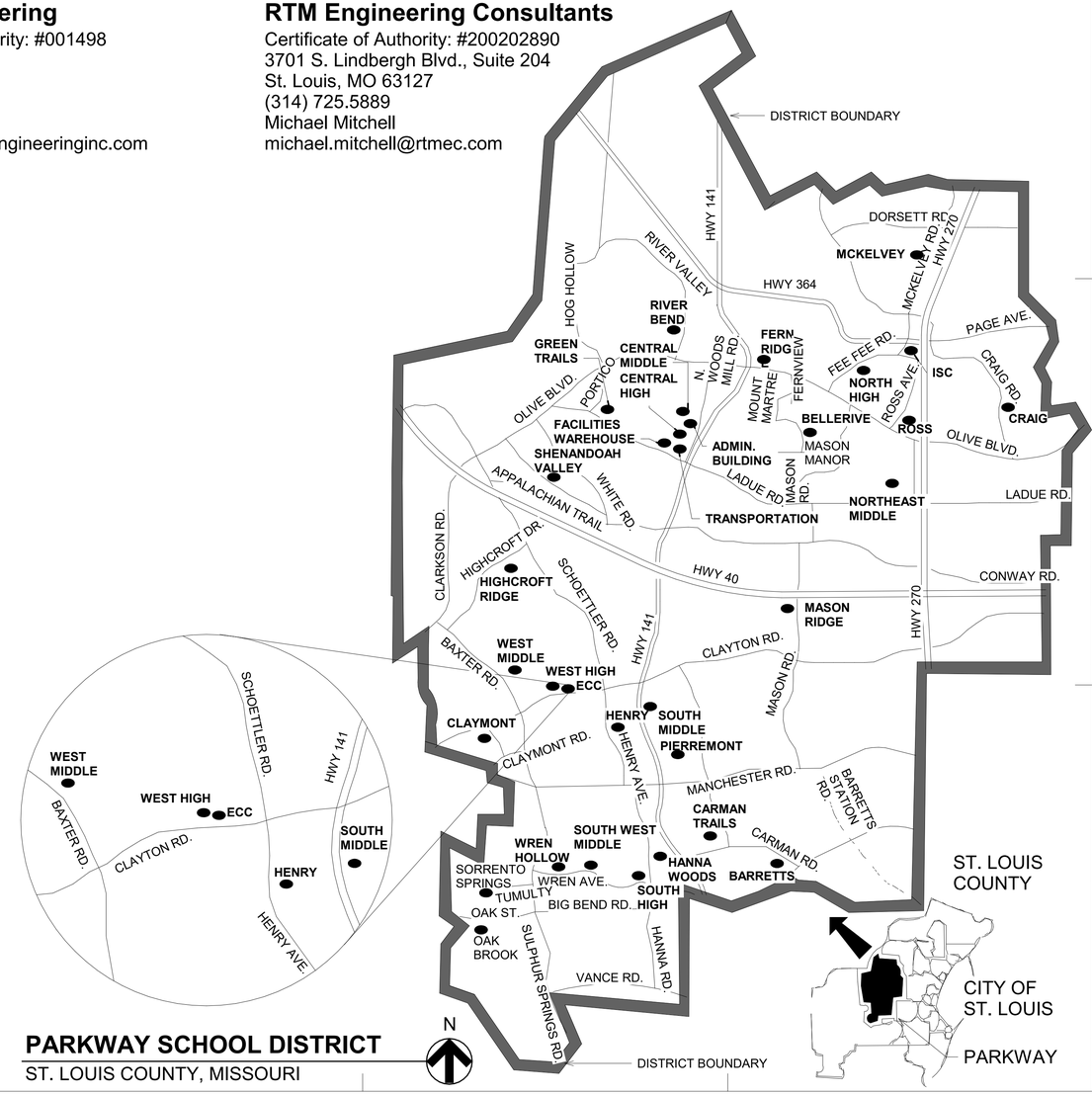
SHEET INDEX

SHEET INDEX I		SHEET INDEX I		SHEET INDEX I	
Sheet Number	Sheet Name	Sheet Number	Sheet Name	Sheet Number	Sheet Name
		A10.2	INTERIOR ELEVATIONS	P3.1	ENLARGED PLANS
0.0	COVER	A12.1	PARTITION TYPES	P3.2	ENLARGED PLANS
Architectural		A12.4	DOOR TYPES	P5.0	PLUMBING - DETAILS
A0.1	CODE PLAN	A13.1	FINISH LEGEND & NOTES	P6.0	PLUMBING - SCHEDULES
A0.2	CODE PLAN	A14.1	FINISH FLOOR PLAN	Technology	
A0.3	CODE PLAN	A14.2	ENLARGED FINISH FLOOR PLAN	T0.0	TECHNOLOGY SEISMIC CODE BLOCK
Civil		A15.0	SIGNAGE TYPES & ELEVATIONS	T0.1	TECHNOLOGY LEGEND AND NOTES
C1.0	COVER SHEET	Electrical		T0.2	TECHNOLOGY MATRIX
C2.0	SPECIFICATION SHEET	E0.0	ELECTRICAL SEISMIC CODE BLOCK	TD2.0	OVERALL DEMOLITION FLOOR PLANS
C3.0	EXISTING CONDITIONS	E0.1	ELECTRICAL LEGEND AND NOTES	TD3.1	DEMOLITION ENLARGED PLANS
C4.0	DEMOLITION PLAN	ED2.0	OVERALL DEMOLITION FLOOR PLANS	TD3.2	DEMOLITION ENLARGED PLANS
C5.0	SITE PLAN	ED3.1	DEMOLITION ENLARGED PLANS	T2.0	OVERALL FLOOR PLANS
C6.0	OVERALL GRADING PLAN	ED3.2	DEMOLITION ENLARGED PLANS	T3.1	ENLARGED PLANS
C6.1	GRADING PLAN	E2.0	OVERALL FLOOR PLANS	T3.2	ENLARGED PLANS
C6.2	ENLARGED GRADING PLAN	E3.1	ENLARGED PLANS	T5.0	TECHNOLOGY - DETAILS
C7.0	UTILITY PLAN	E3.2	ENLARGED PLANS		
C8.0	DETAIL SHEET	E6.0	ELECTRICAL - SCHEDULES		
C8.1	DETAIL SHEET	E6.1	ELECTRICAL - SCHEDULES		
C8.2	DETAIL SHEET	Mechanical			
C9.0	SWPPP	M0.0	MECHANICAL SEISMIC CODE BLOCK		
C9.1	SWPPP NOTES AND DETAILS	M0.1	MECHANICAL LEGEND AND NOTES		
C10.0	INLET DRAINAGE AREA MAP	MD2.0	OVERALL LOWER LEVEL DEMOLITION FLOOR PLANS		
C11.0	PRE-POST DRAINAGE AREA MAP				
Architectural		MD2.1	OVERALL DEMOLITION FLOOR PLANS		
A0.5	GENERAL NOTES & SYMBOLS	MD3.1	DEMOLITION ENLARGED PLANS		
A0.6	GENERAL NOTES & SYMBOLS	MD3.2	DEMOLITION ENLARGED PLANS		
A0.7	GENERAL NOTES	M2.0	OVERALL LOWER LEVEL FLOOR PLAN		
AD2.0	OVERALL DEMO PLANS	M2.1	OVERALL MAIN FLOOR PLAN		
AD3.1	ENLARGED DEMO PLANS	M3.1	ENLARGED PLANS		
AD3.2	ENLARGED DEMO PLANS	M3.2	ENLARGED PLANS		
AD4.0	OVERALL DEMO RCP	M5.0	MECHANICAL - DETAILS & SCHEDULES		
AD4.1	ENLARGED DEMO RCPS	Plumbing			
A1.0	SITE PLAN	P0.0	PLUMBING SEISMIC CODE BLOCK		
A2.0	OVERALL FLOOR PLANS	P0.1	PLUMBING LEGEND AND NOTES		
A3.1	ENLARGED PLANS	PD2.0	OVERALL LOWER LEVEL DEMOLITION FLOOR PLANS		
A3.2	ENLARGED PLANS	PD2.1	OVERALL DEMOLITION FLOOR PLANS		
A4.0	OVERALL RCP	PD3.1	DEMOLITION ENLARGED PLANS		
A4.1	ENLARGED RCPS	PD3.2	DEMOLITION ENLARGED PLANS		
A4.2	ENLARGED RCPS	P2.0	OVERALL LOWER LEVEL FLOOR PLAN		
A8.1	WALL SECTIONS & DETAILS	P2.1	OVERALL MAIN FLOOR PLAN		
A10.1	INTERIOR ELEVATIONS				



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Revisions

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11/5/26

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DATE: 11/05/2026

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COVER

0.0

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GENERAL ASSET PROTECTION NOTES:

1. ALL ITEMS NOTED TO BE REMOVED AND STORED SHALL BE REMOVED BY CONTRACTOR PRIOR TO BEGINNING ANY ABATEMENT WORK.

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10. CONTRACTOR TO PROTECT ALL EXISTING DOORS AND WINDOWS WITHIN WORK AREA AND ALONG WORK ACCESS PATH.

Area Schedule (Life Safety)

Name	Location	Function of Space	Area	Area per Occupant	Calculated Occupancy	District Max. Capacity
BREAK ROOM		BUSINESS	560 SF	150	4	
CLASSROOM		DAY CARE	374 SF	35	11	11
CLASSROOM		VOCATIONAL	1148 SF	50	23	21
CLASSROOM		DAY CARE	277 SF	35	8	8
CLASSROOM		DAY CARE	510 SF	35	15	15
CLASSROOM		DAY CARE	808 SF	35	24	21
CLASSROOM		DAY CARE	389 SF	35	12	12
CLASSROOM		DAY CARE	836 SF	35	24	21
CLASSROOM		DAY CARE	1563 SF	35	45	21
CLASSROOM		DAY CARE	1484 SF	35	43	21
CLASSROOM		DAY CARE	1533 SF	35	44	21
CLASSROOM		DAY CARE	1143 SF	35	33	21
CLASSROOM		DAY CARE	1201 SF	35	35	21
CLASSROOM		VOCATIONAL	586 SF	50	12	12
CLASSROOM		VOCATIONAL	434 SF	50	9	9
CLASSROOM		DAY CARE	774 SF	35	23	21
CLASSROOM		DAY CARE	1104 SF	35	32	21
CLASSROOM		DAY CARE	1019 SF	35	30	21
CLASSROOM		DAY CARE	2921 SF	35	84	21
CLASSROOM		DAY CARE	764 SF	35	22	21
CLASSROOM		DAY CARE	616 SF	35	18	18
COMMONS		ASSEMBLY UNCONCENTRATED	3057 SF	15	204	
CONFERENCE		BUSINESS	286 SF	150	2	
GYMNASIUM		EXERCISE ROOM	3110 SF	50	63	
HEARING & VISION		VOCATIONAL	173 SF	50	4	
INFIRMARY		INPATIENT TREATMENT	289 SF	240	2	
ISOLATION		INPATIENT TREATMENT	90 SF	240	1	
JANITOR		A$M	131 SF	300	1	
JANITOR		A$M	26 SF	300	1	
JANITOR		A$M	24 SF	300	1	
LOBBY		BUSINESS	399 SF	150	3	
MECHANICAL		A$M	2258 SF	300	8	
OFFICE		BUSINESS	146 SF	150	1	
OFFICE		BUSINESS	153 SF	150	2	
OFFICE		BUSINESS	162 SF	150	2	
OPEN OFFICE		BUSINESS	1451 SF	150	10	
STAFF ROOM		BUSINESS	754 SF	150	6	6
STAFF ROOM		BUSINESS	180 SF	150	2	2
STAFF ROOM		BUSINESS	147 SF	150	1	1
STAFF ROOM		BUSINESS	331 SF	150	3	
STAFF ROOM		BUSINESS	386 SF	150	3	
STAFF ROOM		BUSINESS	104 SF	150	1	
STORAGE		A$M	845 SF	300	3	
STORAGE		A$M	358 SF	300	2	
STORAGE		A$M	74 SF	300	1	
STORAGE		A$M	137 SF	150	1	
STORAGE		A$M	382 SF	300	2	
STORAGE		A$M	45 SF	300	1	
STORAGE		A$M	159 SF	300	1	
STORAGE		A$M	133 SF	300	1	
STORAGE		A$M	122 SF	300	1	
STORAGE		A$M	174 SF	300	1	
STORAGE		A$M	167 SF	300	1	
STORAGE		A$M	165 SF	300	1	
STORAGE		VOCATIONAL	108 SF	50	3	
STORAGE		A$M	164 SF	300	1	
STORAGE		A$M	13 SF	300	1	
STORAGE		A$M	13 SF	300	1	
TEACHER'S LOUNGE		BUSINESS	589 SF	150	4	
THERAPY		VOCATIONAL	86 SF	50	2	
TREATMENT		BUSINESS	123 SF	150	1	
VALVE ROOM		A$M	35 SF	300	1	
WORK ROOM		BUSINESS	242 SF	150	2	
WORK STATION		BUSINESS	190 SF	150	2	
Grand total: 64					905	

CODE REVIEW

International Building Code 2021
International Existing Building Code 2021
National Electrical Code 2014
Uniform Plumbing Code 2015
International Mechanical Code 2021
International Fire Code 2021
International Energy Conservation Code 2015
International Fuel Gas Code 2015

Renovation, Fully sprinkled
Use Group E
Construction Type 2b

Allowable Area
Existing to Remain - Unchanged

Allowable Height
Existing to Remain - Unchanged

Number of Exits
Existing to Remain - Unchanged

Egress Width
Existing to Remain - Unchanged

Fixture Count
Minimum Number of Required Plumbing Fixtures per Table 422.1

Total Building occupants: 905 (453 Male & 453 Female)

Water Closets:
Required:
Females = 16
Males = 10
Males (Urinal) = 5

Actual:
Female = 12 + 6 Gender Neutral
Male = 10 WC, 8 Urinals

Lavatories:
Required:
Females = 12
Males = 12

Actual:
Female = 8 + 4 Gender Neutral
Male = 10 + 2 Gender Neutral

Drinking Fountains:
Required: = 7

Actual: = EXISTING TO REMAIN

Service Sink:
Required: = 1

Actual: = 1

LEGEND

1 HOUR FIRE BARRIER
2 HOUR FIREWALL
STORM SHELTER AREA
EGRESS ACTUAL / MAX CAPACITY — EGRESS CAPACITY OF DOOR & DIRECTION
EGRESS ACTUAL / MAX CAPACITY — EGRESS CAPACITY OF STAIR & DIRECTION
FEC — FIRE EXTINGUISHER CABINET
NAME OF SPACE
FUNCTION
PER TABLE 1004.1.1
AREA (SF)
AREA OF SPACE

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DATE: 11/05/2026

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CODE PLAN

A0.1

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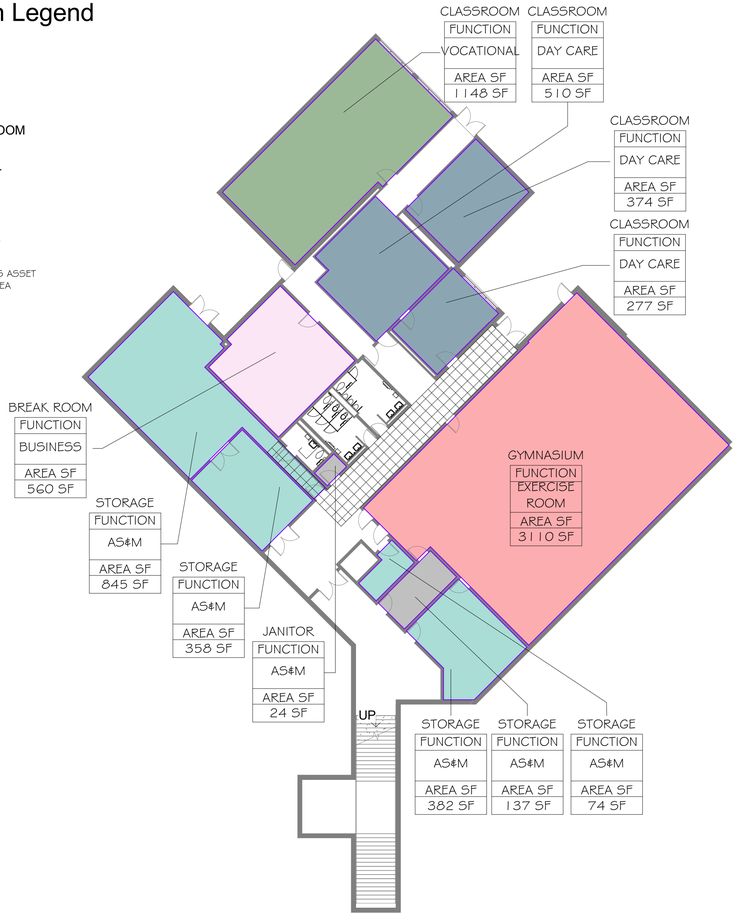
Code Plan Legend

- ADMIN
- EDUCATION
- EXERCISE ROOM
- MECHANICAL
- STORAGE
- VOCATIONAL
- HATCH DENOTES ASSET PROTECTION AREA



N

1 / A0.2 AREA PLAN - LOWER LEVEL
1/16" = 1'-0"

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1 2 3
SCALE: 1/2" = 1'-0" 0 1 2 4
SCALE: 1/4" = 1'-0" 0 2 4 8
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SCALE: 1/16" = 1'-0" 0 8 16 32

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ARCHITECT

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CODE PLAN

A0.2

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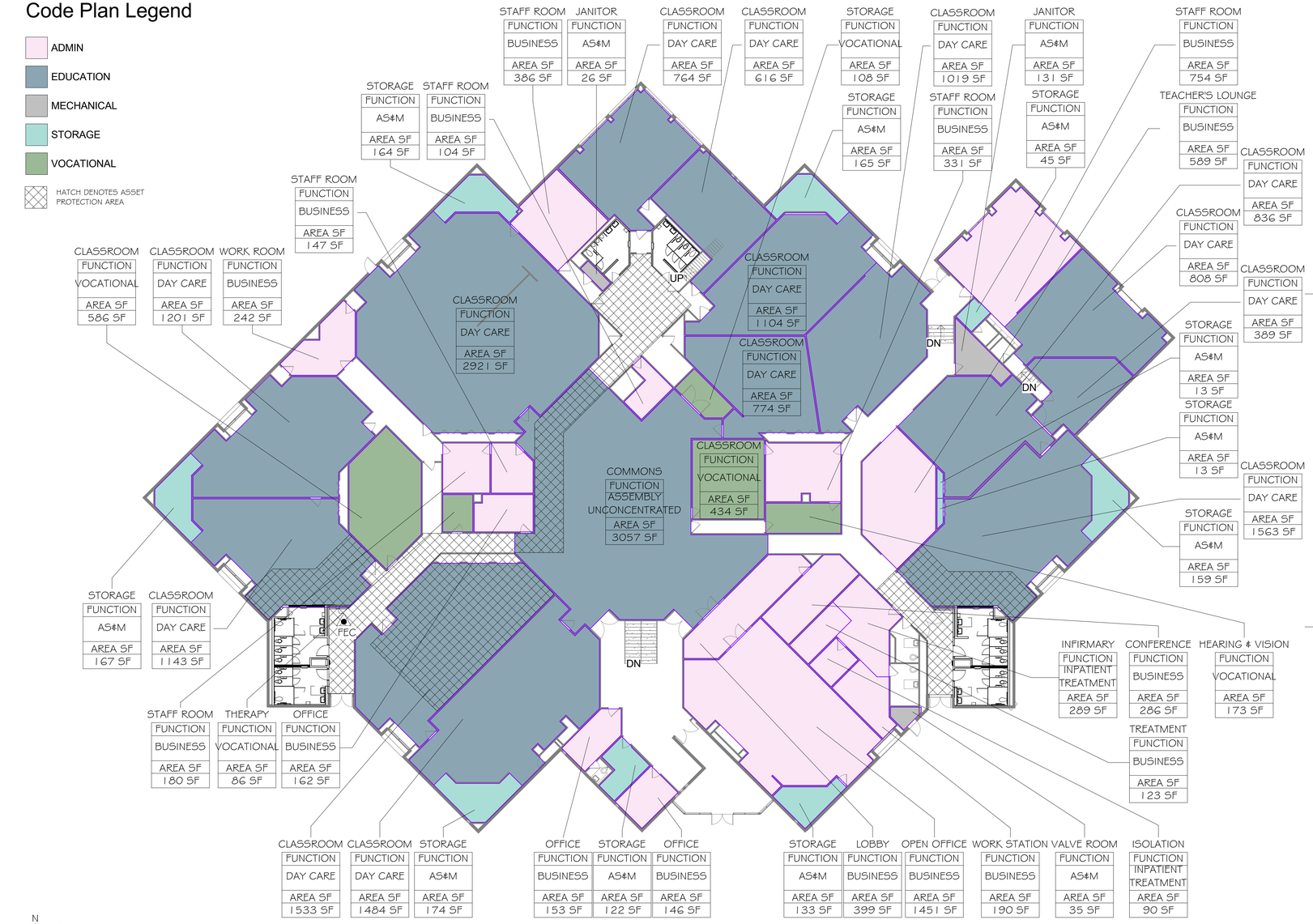
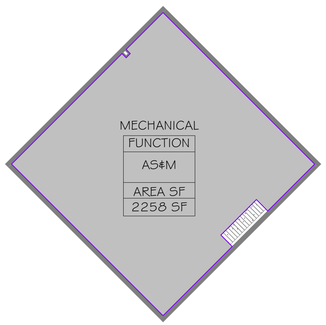


Code Plan Legend

- MECHANICAL



N 2 AO.3 AREA PLAN - PENTHOUSE 1/16" = 1'-0"

N 1 AO.3 AREA PLAN - MAIN LEVEL 1/16" = 1'-0"

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
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SCALE: 1/4" = 1'-0" 0 2' 4' 8
SCALE: 1/8" = 1'-0" 0 4' 8' 16
SCALE: 1/16" = 1'-0" 0 8' 16' 32

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(636) 349.1600

RTM Engineering Consultants
MEP/FP/T Engineer Certificate of Authority: #200202890
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St. Louis, MO 63127
(314) 725.5889

PARKWAY ECC - WEST CAMPUS
14605 CLAYTON RD., BALLWIN, MO 63011
Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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STATE OF MISSOURI
MICHELLE R. WELLS
NOTARIAL
A-20210319[illegible]
ARCHITECT
11/5/26

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DATE: 11/05/2026

BID/PERMIT SET

CODE PLAN

A0.3

LEGEND

EXISTING		PROPOSED
460 / 459	CONTOURS	460 / 459
620.15	SPOT GRADE	621.25 (TOP OF CURB) (FINISH PAVEMENT)
	TREE LINE	
8"	TREE	
	BUSH	
	STORM MANHOLE	
AI	AREA INLET	
CI	CURB INLET	
GI	GRATED INLET	
	FLARED END SECTION	
12" RCP	STORM SEWER	
	GRATED MANHOLE	
69	STORM DESIGNATOR	22
DS	DOWNSPOUT	
DP	DRAINAGE PIPE	
	SWALE/SLOPE INDICATOR	
S	SANITARY MANHOLE	
8"VCP	SANITARY SEWER	SS
CO	CLEAN OUT	CO
A	SANITARY DESIGNATOR	A
	UTILITY POLE	
	GUIDE WIRE	
OU	OVERHEAD UTILITY	OU
UE UE	UNDERGROUND ELECTRIC	UE UE
	ELECTRIC MARKER	
	ELECTRIC METER	
	ELECTRIC BOX	
EPB	ELECTRIC PULL BOX	
	ELECTRIC TRANSFORMER	
E	ELECTRIC MANHOLE	
UT	UNDERGROUND TELEPHONE	UT
	FIBER OPTIC MARKER	
	CABLE MARKER	
G	GAS LINE	G
	GAS VALVE	GV
	GAS METER	GM
	GAS MARKER	
W	WATER LINE	W
	WATER VALVE	WV
	WATER METER	
	FIRE HYDRANT	
	SIGN	
	MAIL BOX	
B-1 405.15	TEST HOLE	
	LIGHT STANDARD	
X X X	FENCE	X X
B	BOLLARD	
	RETAINING WALL	
	CONCRETE PAVEMENT	
	SILTATION FENCE	
AC	AIR CONDITIONER	
	FLAG POLE	
	MONITORING WELL	
PM	PARKING METER	
	PLANTER	
SCB	SPRINKLER CONTROL BOX	
SHD	SPRINKLER	
SVLV	SPRINKLER VALVE	
	TRAFFIC CONTROL BOX	
	TRAFFIC POLE	
	YARD LIGHT	
	GUARD RAIL	
	PROPERTY LINE	
	EASEMENT	
	SETBACK	
	INLET PROTECTION	
	WATTLE	
	CHECK DAM	
	USE IN PLACE	(UIP)
	TO BE REMOVED	(TBR)
	ADJUST TO GRADE	(ATG)
	TO BE REMOVED & RELOCATED	(TBR&R)
	TYPICAL	(TYP)
	NOT TO SCALE	N.T.S.
	HIGH POINT IN GRADE	HP
	LOW POINT IN GRADE	LP
	TOP OF WALL	TW
	BOTTOM OF WALL	BW
	NOT IN CONTRACT	(NIC)

SCALE: 3/4" = 1'-0" (1", 0.5", 0)
SCALE: 1/2" = 1'-0" (2", 1", 0)
SCALE: 1" = 1'-0" (2", 1", 0)
SCALE: 3/4" = 1'-0" (3", 2", 1", 0)
SCALE: 1/2" = 1'-0" (4", 2", 0)
SCALE: 1/4" = 1'-0" (8", 4", 2", 0)
SCALE: 1/8" = 1'-0" (16", 8", 4", 0)
SCALE: 1/16" = 1'-0" (32", 16", 8", 0)

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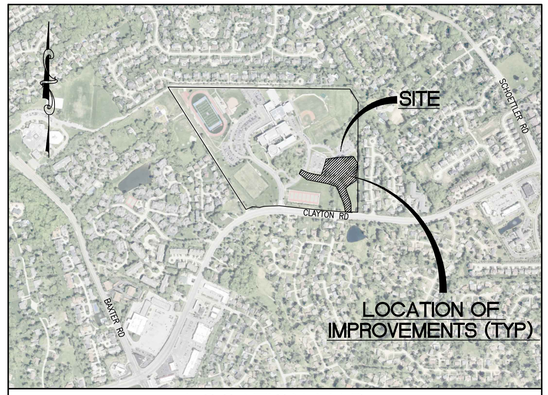
PARKWAY SCHOOL DISTRICT

ECC - WEST CAMPUS

A TRACT OF LAND BEING PART OF LOT 8 OF BAXTER ESTATE SUBDIVISION, SITUATED IN U.S. SURVEY 2011 AND PART OF THE SOUTH FRACTIONAL HALF OF SECTION 23, TOWNSHIP 45 NORTH, RANGE 4 EAST
ST. LOUIS COUNTY, MISSOURI

CONSTRUCTION DOCUMENTS



LOCATION MAP
(NOT TO SCALE)

PERTINENT DATA

OWNER	=	PARKWAY SCHOOL DISTRICT
SITE ADDRESS	=	14605 CLAYTON RD CHESTERFIELD, MO 63011
SITE ACREAGE	=	±65.84 AC
DISTURBED LAND	=	±1.67 AC
EXISTING ZONING	=	"NU" NON-URBAN DISTRICT
PROPOSED ZONING	=	"NU" NON-URBAN DISTRICT
LOCATOR NUMBER	=	20R210046
SCHOOL DISTRICT	=	PARKWAY
WATERSHED	=	CREVE COEUR CREEK
FEMA MAP PANEL	=	29189C0281K, DATE: 2/4/2015

UTILITIES

SEWER SERVICE	=	METROPOLITAN ST. LOUIS SEWER DISTRICT 2350 MARKET ST. ST. LOUIS, MO 63103 PH. (314) 768-6260
FIRE DISTRICT	=	METRO WEST FIRE PROTECTION DISTRICT 17065 MANCHESTER ROAD WILDWOOD, MO 63040 PH. (636) 458-2100
WATER SERVICE	=	MISSOURI AMERICAN WATER 727 CRAIG ROAD ST. LOUIS, MO 63141 PH. (314) 996-2244
GAS SERVICE	=	SPIRE 4118 SHREWSBURY AVE. ST. LOUIS, MO. 63119 PH. (800) 887-4173
ELECTRIC SERVICE	=	AMEREN MISSOURI (UNION ELECTRIC COMPANY) 12121 DORSETT RD. MARYLAND HEIGHTS, MO 63043 PH. (314) 992-8950
TELECOM SERVICE	=	SPECTRUM (CHARTER COMMUNICATIONS) 101 NORTHWEST PLAZA ST. ANN, MO 63074 PH. (833) 267-6097
TELECOM SERVICE	=	AT&T 402 N. 3RD ST. ST. CHARLES, MO 63301 PH. (636) 795-3754

INDEX

		REVISIONS 1	2	3	4	5	6	7	8	9
C1.0	COVER SHEET									
C2.0	SPECIFICATION SHEET									
C3.0	EXISTING CONDITIONS									
C4.0	DEMOLITION PLAN									
C5.0	SITE PLAN									
C6.0	OVERALL GRADING PLAN									
C6.1	ENLARGED GRADING PLAN									
C6.2	ENLARGED GRADING PLAN									
C7.0	UTILITY PLAN									
C8.0	DETAIL SHEET									
C8.1	DETAIL SHEET									
C8.2	DETAIL SHEET									
C9.0	SWPPP									
C9.1	SWPPP NOTES AND DETAILS									
C10.0	INLET DRAINAGE AREA MAP									
C11.0	PRE-POST DRAINAGE AREA MAP									

LIMITS OF DISTURBANCE:

THE CONTRACTOR SHALL STAY WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS AND MINIMIZE DISTURBANCE WITHIN THE WORK AREA WHEREVER POSSIBLE.

STORMWATER MANAGEMENT FUTURE DISTURBANCE NOTE:

LAND AREA DISTURBED = ±1.67 ACRES
DIFFERENTIAL RUNOFF = +0.20 CFS

ANY FUTURE LAND DISTURBANCE AND/OR INCREASE IN IMPERVIOUS AREA ON THIS SITE MAY REQUIRE ADDITIONAL STORMWATER MANAGEMENT PER MSD REGULATIONS IN PLACE AT THAT TIME (INCLUDING TOTAL LAND DISTURBANCE AND/OR IMPERVIOUSNESS ADDED ON THIS PLAN).

UTILITY INFORMATION

UTILITIES SHOWN HAVE BEEN TAKEN FROM AVAILABLE SURVEYS, UTILITY COMPANY MAPS AND PHYSICAL PROPERTY INSPECTION. THE LOCATIONS AND FACILITIES SHALL BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE ADDITIONAL UTILITIES THAT HAVE NOT BEEN SHOWN ON THIS SURVEY. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION OR CONSTRUCTION.

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP-CALL BEFORE YOU DIG!

CALL 1-800-DIG-RITE (MISSOURI ONE CALL) TO HAVE LOCATIONS MARKED IN THE FIELD (SUBSCRIBING UTILITIES REQUIRE 48 HOURS NOTICE PRIOR TO CONSTRUCTION).

SITE BENCHMARK INFORMATION

SITE BENCHMARK#201
CUT CROSS ON CONCRETE PLATFORM LOCATED 45 FEET NORTH OF THE CENTERLINE OF CLAYTON ROAD BEING 188 FEET EAST OF THE INTERSECTION OF THE CENTERLINE INTERSECTION OF CLAYTON ROAD AND HIGHLAND RIDGE DRIVE.
ELEV = 633.82' NAVD88

SITE BENCHMARK #216
CUT CROSS ON CONCRETE WALK, LOCATED 75 FEET SOUTH OF THE CENTERLINE OF STRAUB HILL APPROXIMATELY 720 FEET EAST OF THE CENTER OF CUL-DE-SAC OF STRAUB HILL.
ELEV = 670.83' NAVD88

SITE BENCHMARK #251
CUT CROSS ON CONCRETE WALK, LOCATED APPROXIMATELY 573 FEET SOUTH OF THE CENTER OF THE CUL-DE-SAC OF STRAUB HILL AND APPROXIMATELY 841 FEET WEST OF THE CENTER OF CUL-DE-SAC OF WELLINGTON ESTATES DRIVE.
ELEV = 641.76' NAVD88

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STATE OF MISSOURI STANLEY EARL FOWLER JR. NUMBER PE-2020000037 PROFESSIONAL ENGINEER
11/02/2026

CIVIL ENGINEERS
CORPORATE ENGINEERING CERTIFICATE #001165

STANLEY EARL FOWLER, JR.
CIVIL ENGINEER
PE NO: PE-2020000037

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DATE: 11/05/2026

BID/PERMIT SET

COVER SHEET

C1.0

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

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GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS AND SIZES OF ALL EXISTING UTILITIES, WHETHER SHOWN OR NOT SHOWN ON THIS PLAN, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER HAS NOT FIELD VERIFIED THE EXISTING UTILITIES. THE UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM RECORDS AND UTILITY MAPS MADE AVAILABLE TO THE ENGINEER AND THE LOCATIONS AND SIZES SHALL BE CONSIDERED APPROXIMATE ONLY. OTHER UTILITIES, NOT SHOWN ON THIS PLAN, MAY EXIST ON OR NEAR THE SITE.
2. TOPOGRAPHIC SURVEY BY COLE AND ASSOCIATES INC.
3. ALL MATERIALS AND METHODS OF CONSTRUCTION TO MEET THE CURRENT STANDARDS AND SPECIFICATIONS AS REQUIRED BY THE CITY OF CHESTERFIELD.
4. ALL GRADED AREAS SHALL BE PROTECTED FROM EROSION BY EROSION CONTROL DEVICES AND/OR SEEDING AND MULCHING. EROSION CONTROL SHALL NOT BE LIMITED TO WHAT IS SHOWN ON THE PLAN. WHATEVER MEANS NECESSARY SHALL BE TAKEN TO PREVENT SILTATION AND EROSION FROM FROM ENTERING NATURAL STREAMS AND ADJACENT ROADWAYS, PROPERTIES, AND DITCHES.
5. PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE OFFICE OF THE DEVELOPER FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK.
6. GRADING CONTRACTOR SHALL INSTALL SILTATION CONTROL PRIOR TO STARTING THE GRADING. ADDITIONAL SILTATION CONTROL DEVICES MAY BE REQUIRED AS DIRECTED BY THE CITY OF CHESTERFIELD OR THE DEVELOPER.
7. ALL FILLS AND BACKFILLS SHALL BE MADE OF SELECTED EARTH MATERIALS, FREE FROM BROKEN MASONRY, ROCK, FROZEN EARTH, RUBBISH, ORGANIC MATERIAL AND DEBRIS.
8. PROPOSED CONTOURS SHOWN ARE FINISHED ELEVATIONS ON PAVED AREAS. CONTRACTOR TO GRADE ALL AREAS TO REQUIRED SUBGRADE.
9. ALL FILL PLACED FOR PROPOSED STORM AND SANITARY SEWER LINES AND/OR PAVED AREAS, AND FOR DRAINAGE BERMS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. ALL TEST SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS.
10. A GRADING PERMIT IS REQUIRED PRIOR TO ANY GRADING ON THE SITE.
11. THE DEVELOPER IS REQUIRED TO PROVIDE ADEQUATE STORM-WATER SYSTEMS IN ACCORDANCE WITH THE CITY OF CHESTERFIELD AND MSD STANDARDS.
12. ALL STORM-WATER SHALL BE DISCHARGED AT AN ADEQUATE NATURAL DISCHARGE POINT.
13. THE CONTRACTOR MUST BE ON FILE WITH THE MISSOURI ONE CALL SYSTEM 1-800-344-7483.
14. ALL PROPOSED UTILITIES ON THIS SITE MUST BE LOCATED UNDERGROUND.
15. SAFETY NOTICE TO CONTRACTOR: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RAZING AND REMOVAL OF THE EXISTING STRUCTURES, INCLUDING FOUNDATIONS, RELATED UTILITIES, PAVING, UNDERGROUND FACILITIES AND ANY OTHER EXISTING IMPROVEMENTS.
17. CONTRACTOR IS TO REMOVE AND DISPOSE OF, OFF SITE, ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
18. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING ALL PHASES OF THIS DEMOLITION PLAN.
19. THE SITE IMPROVEMENT PLANS APPROVED BY THE CITY OF CHESTERFIELD DOES NOT ALLOW THE REMOVAL OR CONSTRUCTION OF ANY SANITARY OR STORM SEWER LINES WITHOUT THE PRIOR APPROVAL OR CONSENT OF MSD.
20. ALL EXCAVATIONS, GRADING, OR FILLING SHALL HAVE A FINISHED GRADE NOT TO EXCEED A 4:1 SLOPE (25 PERCENT). STEEPER GRADES MAY BE APPROVED BY THE DESIGNATED OFFICIAL IF THE EXCAVATION IS THROUGH ROCK OR THE EXCAVATION OR THE FILL IS ADEQUATELY PROTECTED (A DESIGNED HEAD WALL OR TOE WALL MAY BE REQUIRED). RETAINING WALLS THAT EXCEED A HEIGHT OF FOUR (4) FEET SHALL REQUIRE THE CONSTRUCTION OF SAFETY GUARDS AS IDENTIFIED IN THE APPROPRIATE SECTION(S) OF THE ADOPTED BOCA CODES AND MUST BE APPROVED BY THE CITY BUILDING DEPARTMENT. PERMANENT SAFETY GUARDS WILL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROPRIATE SECTION(S) OF THE ADOPTED BOCA CODES.
21. ALL FILLED PLACES IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP TO 90% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST ASSHTO T-99. A SOIL'S ENGINEER SHALL VERIFY ALL TESTS CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS. A SEALED COPY OF THE RESULT REPORTS SHALL BE GIVEN TO THE THE CITY OF CHESTERFIELD CONSTRUCTION INSPECTOR.
22. ALL PUBLIC ROADS MUST BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES. FAILURE TO DO SO WILL BE CAUSE FOR THE CITY TO SUSPEND WORK.
23. WHERE NATURAL VEGETATION IS REMOVED DURING GRADING, VEGETATION SHALL BE REESTABLISHED IN SUCH A DENSITY AS TO PREVENT EROSION. PERMANENT SOD SHALL BE ESTABLISHED AS SOON AS POSSIBLE.
24. WHEN GRADING OPERATIONS ARE COMPLETED OR SUSPENDED FOR MORE THAN 30 DAYS, PERMANENT GRASS MUST BE ESTABLISHED AT SUFFICIENT DENSITY TO PROVIDE EROSION CONTROL ON THE SITE. BETWEEN PERMANENT GRASS: SEEDING PERIODS, TEMPORARY COVER SHALL BE PROVIDED ACCORDING TO THE DESIGNATED OFFICIAL'S RECOMMENDATION.
25. ALL FINISHED GRADES (AREAS NOT TO BE DISTURBED BY FUTURE IMPROVEMENT) IN EXCESS OF 20% SLOPES (5:1) SHALL BE MULCHED AND TACKED AT THE RATE OF 100 POUNDS PER 1,000 SQUARE FEET WHEN SEEDED.
26. RUNOFF WATER FROM DEVELOPED AREAS (PARKING LOTS, PAVED SITES, AND BUILDINGS) ABOVE THE AREA TO DEVELOP SHALL BE DIRECTED TO DIVERSIONS, DETENTION BASINS, CONCRETE GUTTERS AND/OR UNDERGROUND OUTLET SYSTEMS. SUFFICIENTLY ANCHORED STRAW BALES MAY BE TEMPORARILY SUBSTITUTED WITH THE APPROVAL OF THE DESIGNATED OFFICIAL.
27. ALL CONSTRUCTION METHODS AND PRACTICES TO CONFORM WITH OSHA STANDARDS.
28. ANY RETAINING WALLS REFERRED TO IN THESE PLANS ARE SHOWN FOR REFERENCE ONLY ARE NOT BE INTERPRETED AS DESIGN OF THE WALL SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING A WALL MANUFACTURER CAPABLE OF DESIGNING THE SITE SPECIFIC RETAINING WALLS, INCLUDING GLOBAL STABILITY ANALYSIS, INDEPENDENT OF THIS SET OF PLANS. A SEPARATE BUILDING PERMIT MAY BE REQUIRED FOR EACH WALL.
29. CONTRACTOR SHALL BID THESE PLANS AND SPECIFICATIONS IN THEIR ENTIRETY (COMPLETE SETS).
30. OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR THE MISDESCRIPTION OF DETAILS OF WORK THAT ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR THAT ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISDESCRIBED DETAILS OF THE WORK. THE CONTRACTOR SHALL PERFORM SUCH DETAILS AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS.

STORM SEWER NOTES

1. ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2023. THAT WILL INCLUDE STANDARD DETAILS SHOWN THEREIN, AND SHALL INCLUDE ALL SUBSEQUENT CHANGES MADE THERETO.
2. FOR SEWER PIPE (STORM, SANITARY, OR COMBINED) WITH A DESIGN GRADE LESS THAN ONE PERCENT (1%), VERIFICATION OF THE PIPE GRADE WILL BE REQUIRED FOR EACH INSTALLED REACH OF SEWER, PRIOR TO ANY SURFACE RESTORATION OR INSTALLATION OF ANY SURFACE IMPROVEMENTS. THE CONTRACTOR'S FIELD SUPERVISOR WILL BE REQUIRED TO PROVIDE DAILY DOCUMENTATION VERIFYING THAT THE AS-BUILT PIPE GRADE MEETS THE DESIGN GRADE THROUGH THE SUBMITTAL OF SIGNED CUT SHEETS TO THE MSD INSPECTOR UPON REQUEST. FIELD SURVEYED VERIFICATION MUST BE MADE UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR OR REGISTERED ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE ANY SEWER REACH HAVING AN AS-BUILT GRADE WHICH IS FLATTER THAN THE DESIGN GRADE BY MORE THAN 0.1%. SEWER WITH GRADES GREATER THAN THE DESIGN SLOPE MAY BE LEFT IN PLACE, PROVIDED NO OTHER SEWER GRADE IS REDUCED BY THIS VARIANCE IN THE AS-BUILT GRADE. MSD ALSO RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO REMOVE AND REPLACE ANY SEWER (AT ANY TIME PRIOR TO CONSTRUCTION APPROVAL) FOR WHICH THE AS-BUILT GRADE DOES NOT COMPLY WITH THE GRADE TOLERANCE STATED IN THE ABOVE PARAGRAPH. THE SEWER CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE FIELD VERIFICATION OF THE SEWER GRADE, OR REMOVAL AND REPLACEMENT OF THE SEWER PIPE OR ASSOCIATED APPURTENANCES.
3. MAINTENANCE OF THE SEWERS DESIGNATED AS "PUBLIC" SHALL BE THE RESPONSIBILITY OF THE METROPOLITAN ST. LOUIS SEWER DISTRICT UPON DEDICATION OF THE SEWERS TO THE DISTRICT.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS AND SIZES OF ALL EXISTING UTILITIES, WHETHER SHOWN OR NOT SHOWN ON THIS PLAN, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER HAS NOT FIELD VERIFIED THE EXISTING UTILITIES. THE UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM RECORDS AND UTILITY MAPS MADE AVAILABLE TO THE ENGINEER AND THE LOCATIONS AND SIZES SHALL BE CONSIDERED APPROXIMATE ONLY. OTHER UTILITIES, NOT SHOWN ON THIS PLAN, MAY EXIST ON OR NEAR THE SITE
5. ALL FILL AREAS, INCLUDING TRENCH BACKFILLS, UNDER BUILDINGS, PROPOSED STORM AND SANITARY SEWER LINES, AND PAVED AREAS SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF "MODIFIED PROCTOR". FILL IS TO BE PLACED IN A MAXIMUM OF 9-INCH LIFTS. TESTS SHALL BE TAKEN AT A MAXIMUM OF 50-FOOT INTERVALS ALONG THE ROUTE OF THE PIPE; AT A MAXIMUM OF 2-FOOT VERTICALLY; AND LATERALLY ON EACH SIDE OF THE PIPE, AT A DISCHARGE EQUAL TO THE DEPTH OF FILL OVER THE PIPE. A COPY OF THESE RESULTS WILL BE SUBMITTED TO MSD PRIOR TO CONSTRUCTION APPROVAL.
6. ALL FILLED PLACES IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL 90% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION UP TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99 . ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS PER GEOTECHNICAL REPORT.
7. TYPE "C" BEDDING PER M.S.D. STANDARDS IS REQUIRED FOR ALL PIPES IN ROCK EXCEPT AS NOTED.
8. ALL TRENCHES IN AREAS TO BE PAVED AND UNDER EXISTING PAVEMENT OR WITHIN PUBLIC R.O.W. SHALL BE GRANULARLY BACKFILLED WITH 3/4-INCH MINUS CRUSHED LIMESTONE IN ACCORDANCE WITH 2023 M.S.D. STANDARDS.
9. THE SOILS ENGINEER WILL VERIFY THAT ALL COMPRESSIBLE MATERIAL HAS BEEN REMOVED PRIOR TO FILL PLACEMENT AND THAT ALL FILL UNDER STORM AND SANITARY SEWER LINES CONSTRUCTED ABOVE ORIGINAL GRADE, HAS BEEN COMPACTED TO 90% OF "MODIFIED PROCTOR". FILL IS TO BE PLACED IN A MAXIMUM 9" LIFTS. TESTS SHALL BE TAKEN AT A MAXIMUM OF 50' INTERVALS ALONG THE ROUTE OF THE PIPE, AT A MAXIMUM OF 2' VERTICAL, AND LATERALLY ON EACH SIDE OF THE PIPE, AT A DISTANCE EQUAL TO THE DEPTH OF FILL OVER THE PIPE. A COPY OF THESE RESULTS WILL BE SUBMITTED TO M.S.D. PRIOR TO CONSTRUCTION.
10. ANY ABANDONED SEWERS SHALL BE REMOVED OR COMPLETELY GROUT FILLED.
11. THE REMOVAL AND REPLACEMENT, OR REHABILITATION OF THE EXISTING STRUCTURE WILL BE DETERMINED BY THE MSD FIELD INSPECTOR. IF THE STRUCTURE IS DETERMINED TO REMAIN IN PLACE, THEN THE TOP SHALL BE ADJUSTED TO GRADE, IF NEEDED.
12. STORMWATER SHALL BE DISCHARGED AT AN ADEQUATE NATURAL DISCHARGE POINT. SINKHOLES ARE NOT DISCHARGE POINTS.
13. PRIOR TO OBTAINING A CONSTRUCTION PERMIT FROM THE METROPOLITAN ST. LOUIS SEWER DISTRICT, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE THE DISTRICT WITH A COPY OF AN EXECUTED CERTIFICATE OF INSURANCE INDICATING THAT THE PERMITTEE HAS OBTAINED AND WILL CONTINUE TO CARRY COMMERCIAL GENERAL LIABILITY AND COMPREHENSIVE AUTO LIABILITY INSURANCE. THE REQUIREMENTS AND LIMITS SHALL BE AS STATED IN THE "RULES AND REGULATIONS AND ENGINEERING DESIGN REQUIREMENTS FOR SANITARY AND STORMWATER DRAINAGE FACILITIES." SECTION 10-090 (ADDENDUM).
14. PIPE JOINTS WITH ADAPTERS AND COUPLINGS SHALL BE SUPPLIED AND INSTALLED WITH 316 STAINLESS STEEL NUT AND BOLT CLAMPS (T-BOLT) CONFIGURATION; AND WITH STAINLESS STEEL SHEAR BANDS, BEING A MINIMUM OF TWELVE (12) MILS (MSD STD. CONST SPECS. PT. 2, SUBSECTION H11). WORM DRIVE HOSE CLAMPS AND CONCRETE BACKFILLING (CAUSTICITY) WILL NO LONGER BE ALLOWED AT THOSE JOINTS. GRANULAR BACKFILL SHOULD BE USED. IF FLOWABLE FILL IS REQUIRED, THE CONTRACTOR SHALL WRAP AND TAPE THE ADAPTERS AND COUPLINGS WITH A SIX (6) MIL POLYETHYLENE SHEET.
15. TRENCH BACKFILL COMPACTION AND TESTING REQUIREMENTS: THE CONTRACTOR IS TO REFER TO PART 4, SECTION H OF THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2023 EDITION, TO ESTABLISH THE REQUIREMENTS FOR THE SPECIFIC TYPE OF BACKFILL BEING USED.

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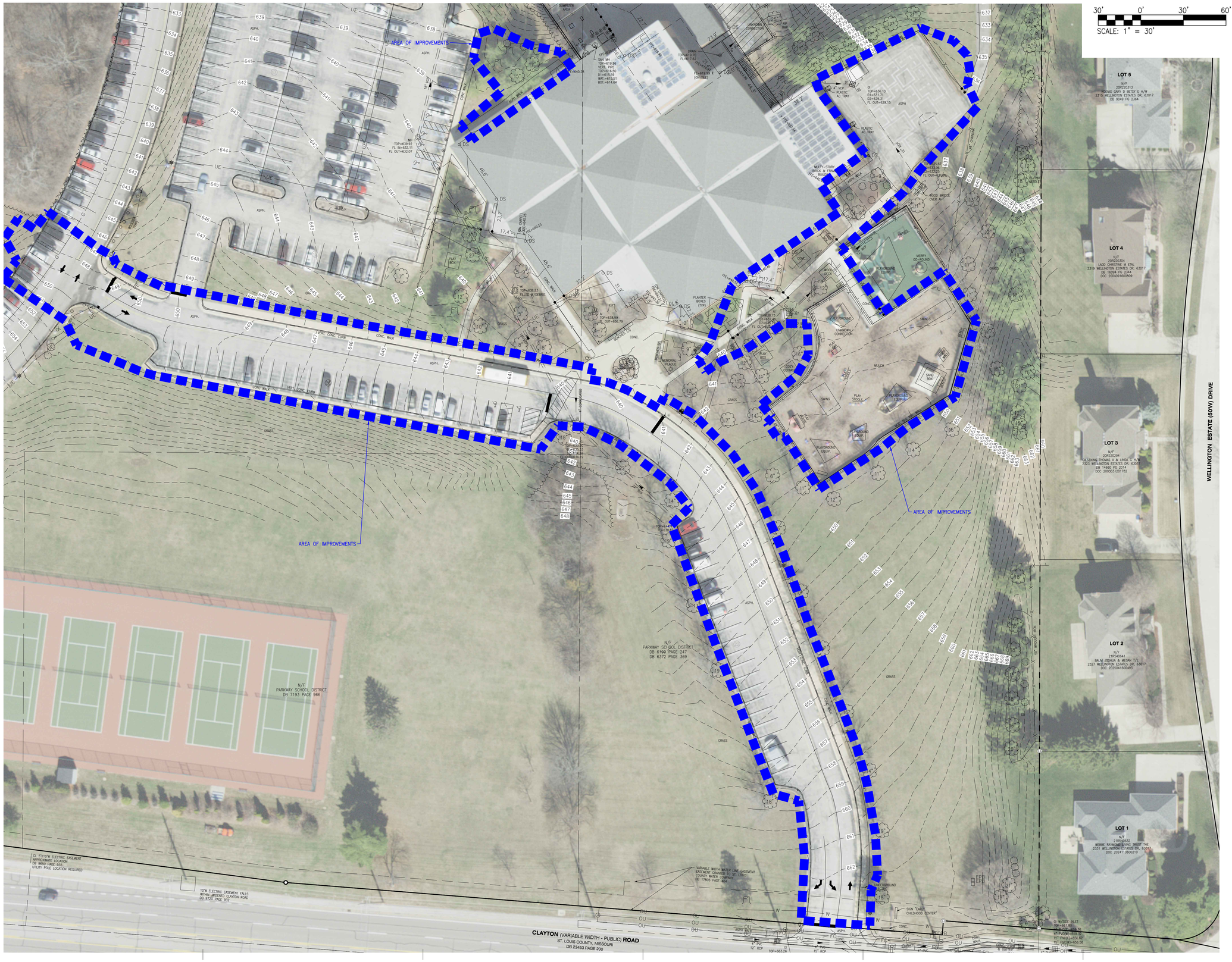
SPECIFICATION SHEET

C2.0



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EXISTING CONDITIONS

C3.0

SCALE: 3/16" = 1'-0"
SCALE: 3/32" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/4" = 1'-0"

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DATE: November 2, 2026 - 5:01:15 PM
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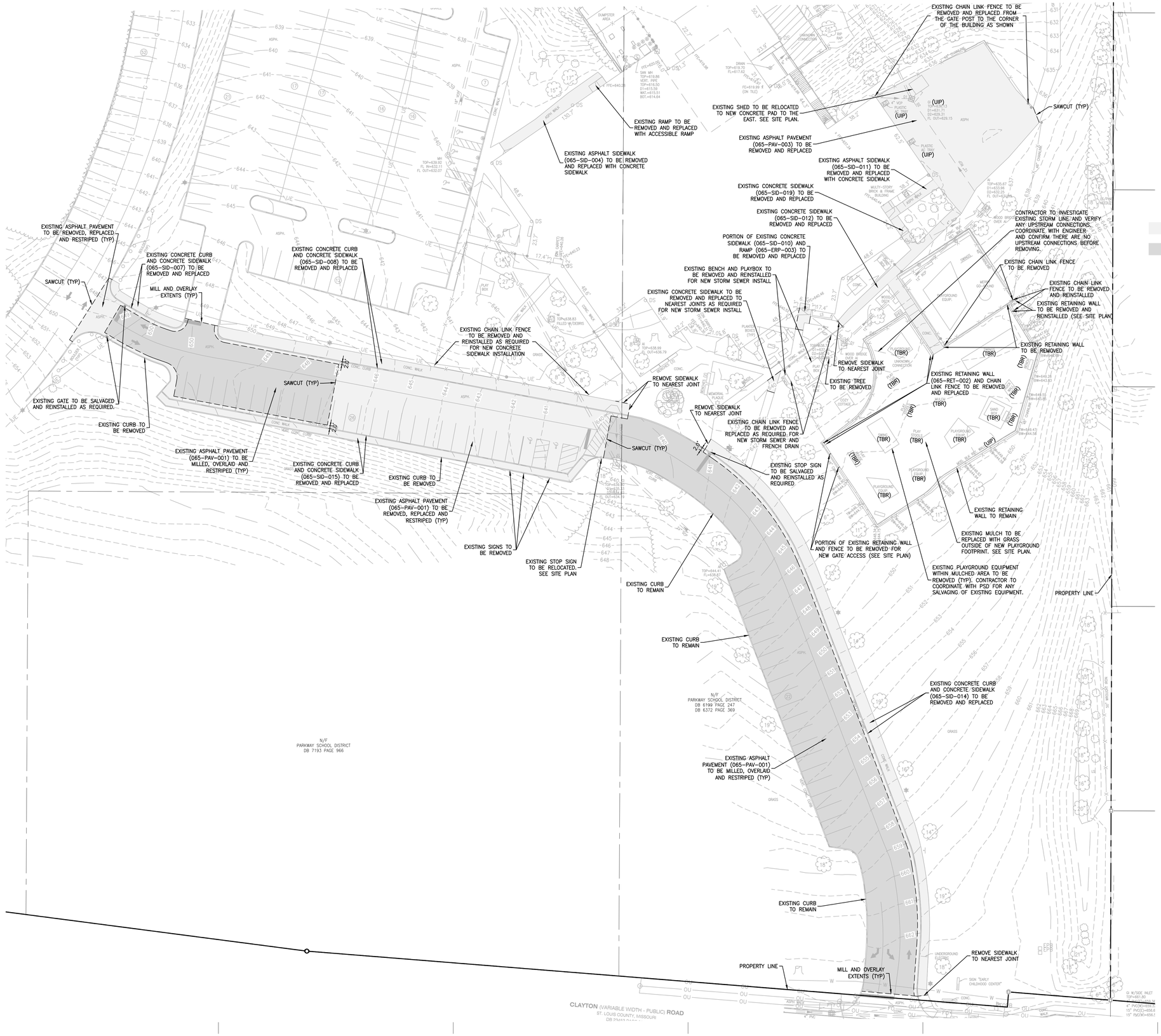

30' 0' 30' 60'

SCALE: 1" = 30'

DEMOLITION LEGEND

EXISTING PAVEMENT/SIDEWALK/RAMP/CURB/WALL TO BE REMOVED

EXISTING ASPHALT PAVEMENT TO BE MILLED AND OVERLAID

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DEMOLITION PLAN

C4.0

USER: Patrick Barry, TAB: C4.0 DEMOLITION PLAN
DATE: November 2, 2026 - 5:01:23 PM
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30' 0' 30' 60'

SCALE: 1" = 30'

PAVEMENT LEGEND

- NEW ASPHALT PAVEMENT
- ASPHALT MILL AND OVERLAY
- CONCRETE PAVEMENT OR SIDEWALK

NOTES:

1. PLAYGROUND EQUIPMENT AND POURED IN PLACE SURFACE BY PLAYGROUND EQUIPMENT CONTRACTOR.
2. EXISTING CURBS PAINTED YELLOW THAT ARE TO BE REMOVED AND REPLACED ARE TO BE RE-PAINTED YELLOW TO MATCH EXISTING CONDITIONS ONCE THE NEW CURB IS INSTALLED.

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BID/PERMIT SET

SITE PLAN

C5.0

SCALE: 3" = 1'-0" 0 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1'
SCALE: 1" = 1'-0" 0 0.5' 1'
SCALE: 3/4" = 1'-0" 0 1' 2'
SCALE: 1/2" = 1'-0" 0 1' 2'
SCALE: 1/4" = 1'-0" 0 2' 4'
SCALE: 1/8" = 1'-0" 0 4' 8'
SCALE: 1/16" = 1'-0" 0 8' 16'
SCALE: 1/32" = 1'-0" 0 16' 32'

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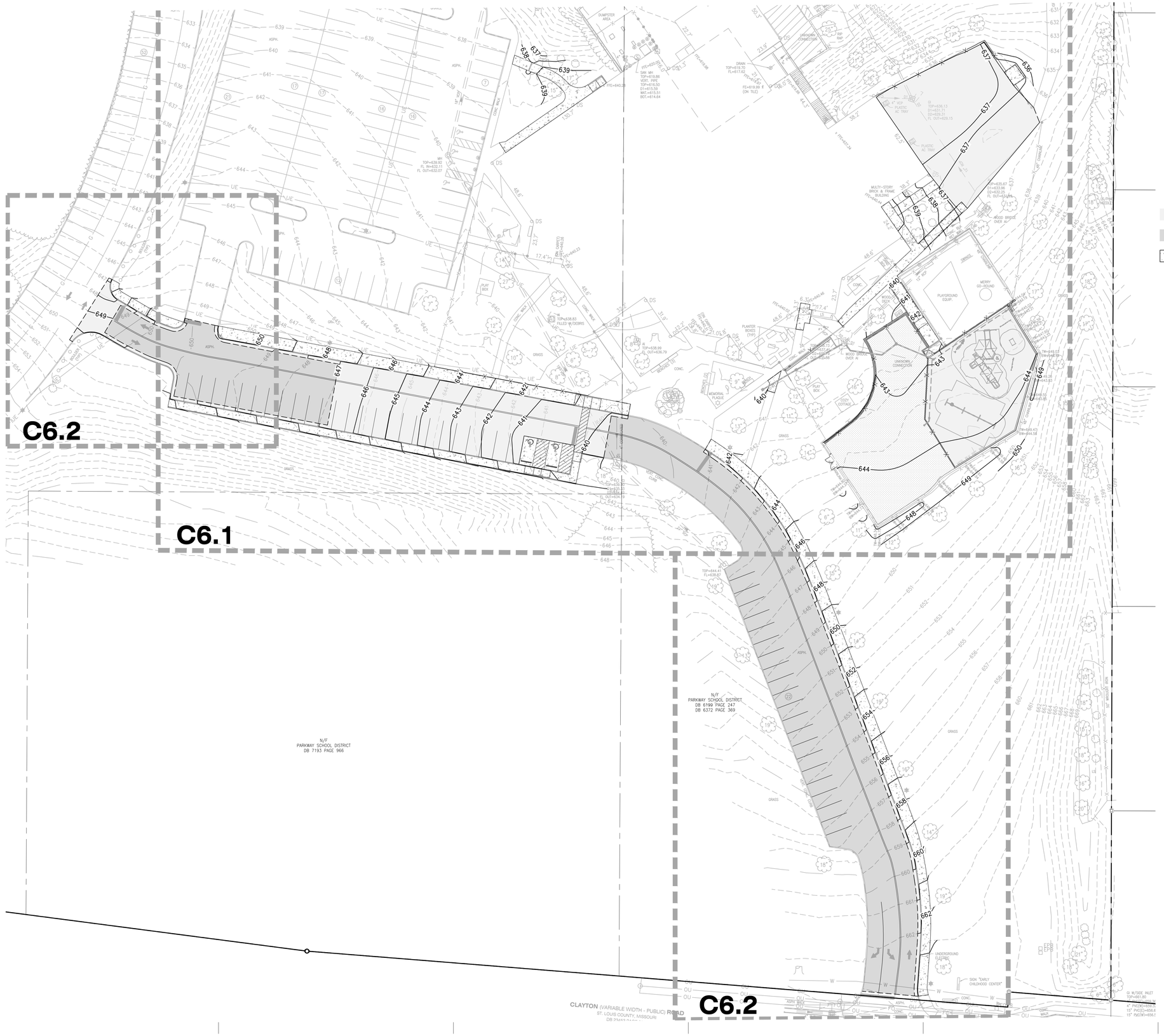

USER: Patrick Barry TAB: C6.0 OVERALL GRADING PLAN
DATE: November 2, 2026 - 5:01:36 PM
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BID/PERMIT SET

OVERALL GRADING PLAN

C6.0

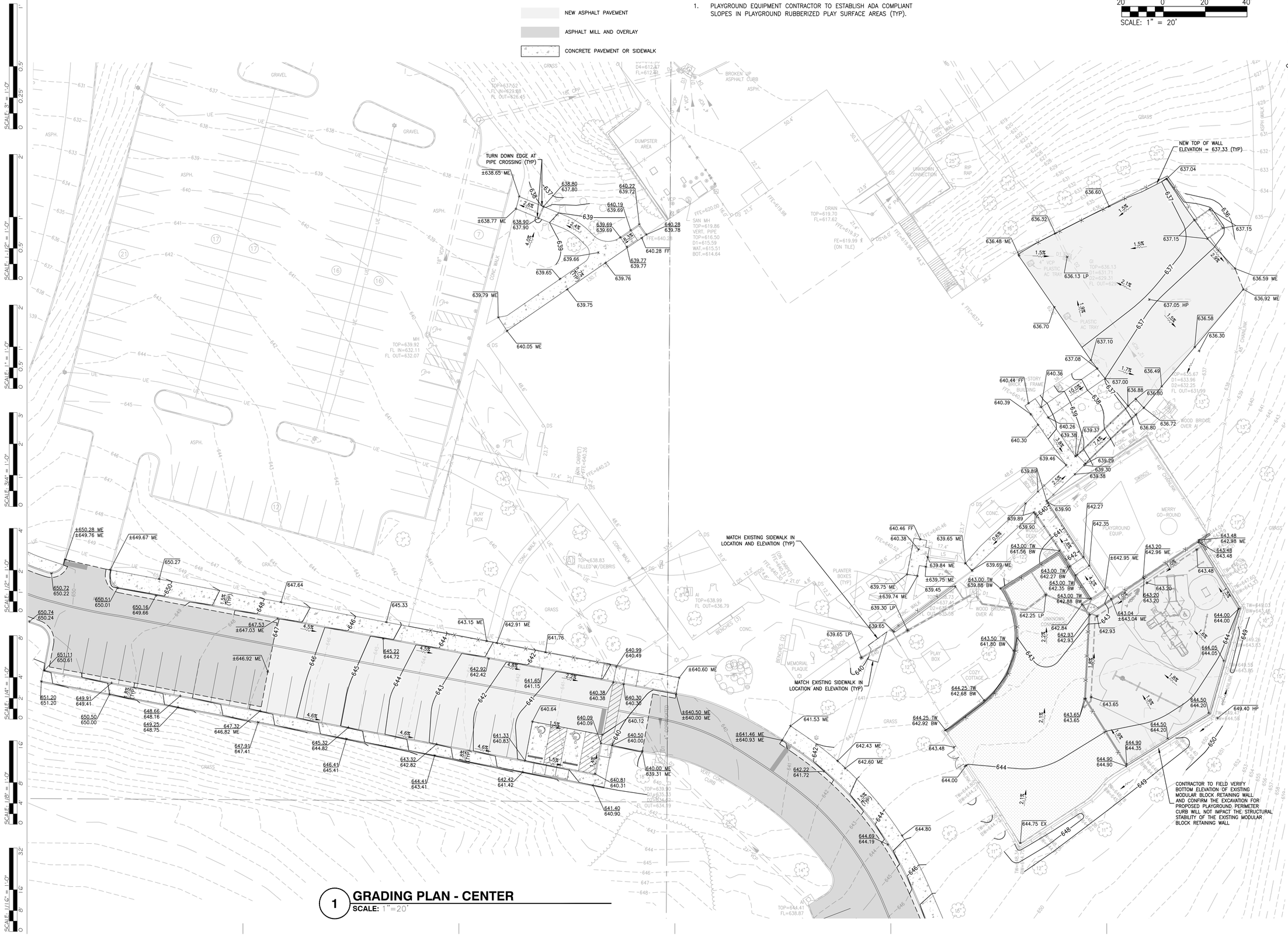
PAVEMENT LEGEND

- NEW ASPHALT PAVEMENT
- ASPHALT MILL AND OVERLAY
- CONCRETE PAVEMENT OR SIDEWALK

NOTE:

1. PLAYGROUND EQUIPMENT CONTRACTOR TO ESTABLISH ADA COMPLIANT SLOPES IN PLAYGROUND RUBBERIZED PLAY SURFACE AREAS (TYP).

SCALE: 1" = 20'



1 **GRADING PLAN - CENTER**
SCALE: 1"=20'

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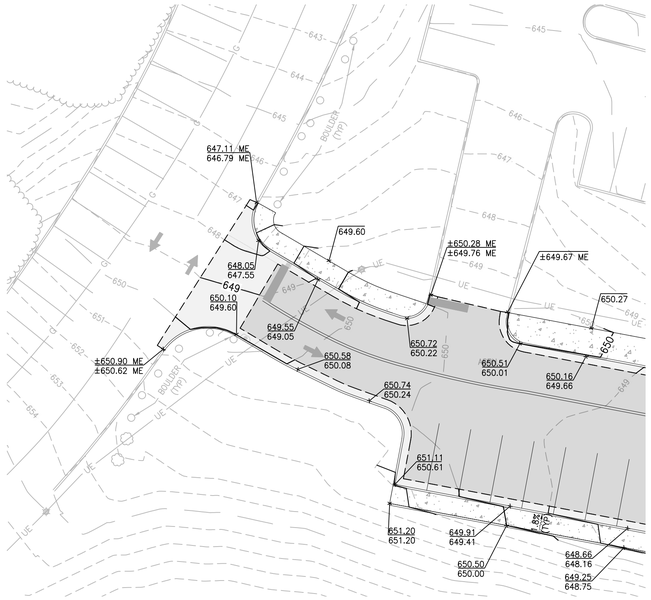
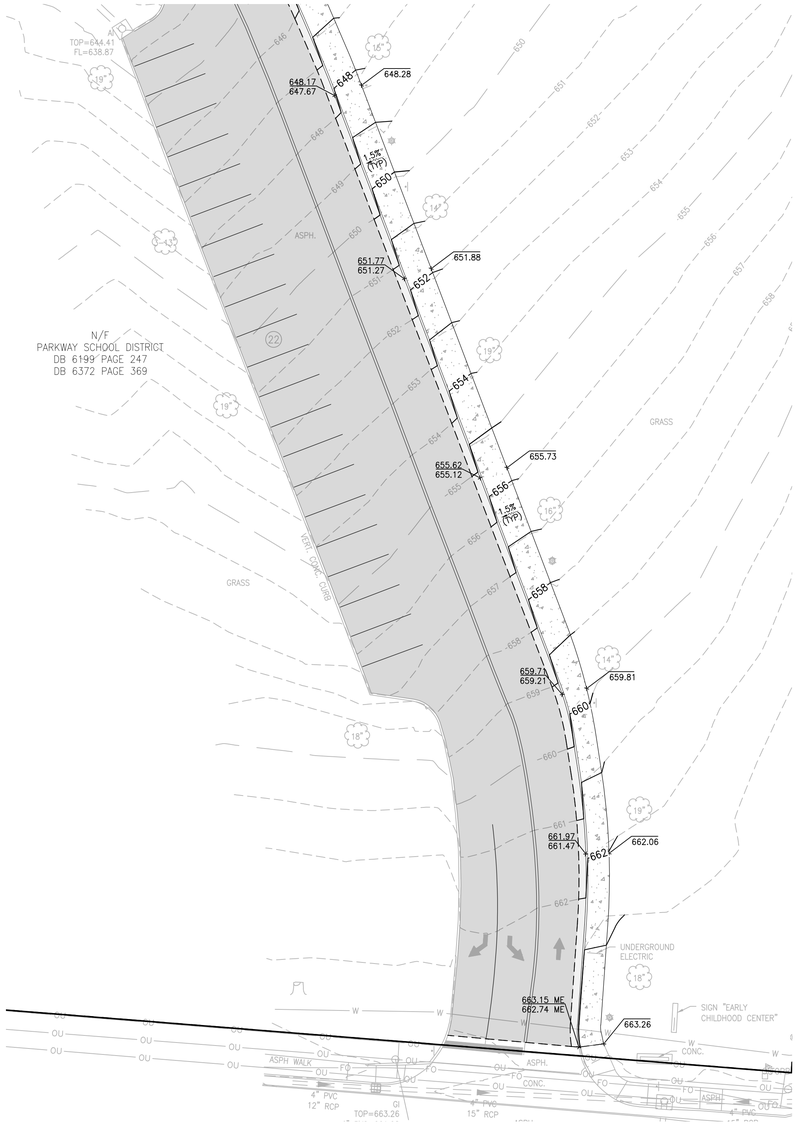
ENLARGED GRADING PLAN

C6.1



1 GRADING PLAN - WEST END

SCALE: 1"=20'



2 GRADING PLAN - SOUTH ENTRANCE

SCALE: 1"=20'

20' 0' 20' 40'

SCALE: 1" = 20'

PAVEMENT LEGEND

- NEW ASPHALT PAVEMENT
- ASPHALT MILL AND OVERLAY
- CONCRETE PAVEMENT OR SIDEWALK

SCALE: 3" = 1'-0" 1" 0.5" 0.25" 0

SCALE: 1 1/2" = 1'-0" 2" 1" 0.5" 0

SCALE: 1" = 1'-0" 2" 1" 0.5" 0

SCALE: 3/4" = 1'-0" 3" 2" 1" 0

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

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

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

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

USER: Patrick Barry, TAB: C6.2 ENLARGED GRADING PLAN
DATE: November 2, 2026 - 5:01:48 PM
DRAWING: S:\JOBS\Jobs2026\26-0065\CADD\C-Plan\PlotSheets\0_#PLAN_GRADE_26-0065.dwg

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ENLARGED GRADING PLAN

C6.2



SCALE: 3/4" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

USER: Patrick Barry TAB: C7.0 UTILITY PLAN
DATE: November 2, 2026 - 5:01:57 PM
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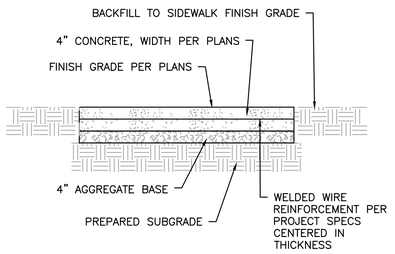
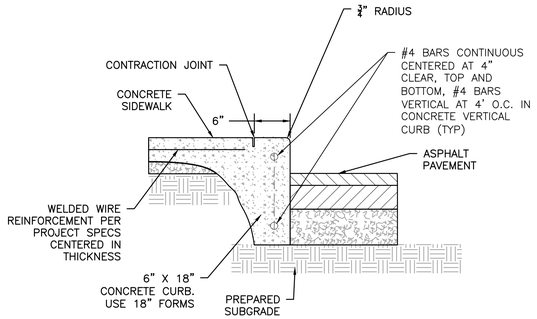
UTILITY PLAN

C7.0



1 CONCRETE SIDEWALK

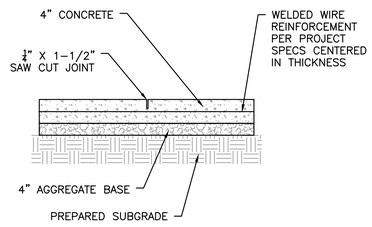
SCALE: N.T.S. **REF. DWG. C5.0**



NOTE:
PROVIDE ½" EXPANSION JOINT SIMILAR CONCRETE EXPANSION JOINT, FULL DEPTH OF CURB, MAXIMUM SPACING AT 20'–0" ON CENTER OR PER PLAN.

2 COMBINED CURB/SIDEWALK

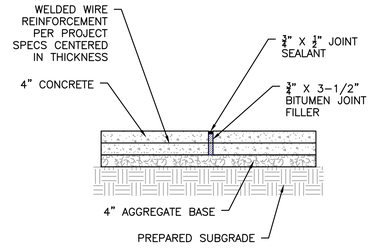
SCALE: N.T.S. **REF. DWG. C5.0**



NOTE:
MAXIMUM SPACING EQUALS WIDTH OF SIDEWALK OR PER PLANS

3 CONCRETE CONTRACTION JOINT

SCALE: N.T.S. **REF. DWG. C5.0**



NOTE:
MAXIMUM SPACING EQUALS 20'–0" ON CENTER OR PER PLANS

4 CONCRETE EXPANSION JOINT

SCALE: N.T.S. **REF. DWG. C5.0**

NOTE:
PROVIDE ½" EXPANSION JOINT SIMILAR CONCRETE EXPANSION JOINT, FULL DEPTH OF CURB, MAXIMUM SPACING AT 20'–0" ON CENTER OR PER PLAN.

5 VERTICAL CONCRETE CURB

SCALE: N.T.S. **REF. DWG. C5.0**

NOTE:
PAVEMENT DETAILS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY FINAL PAVEMENT REQUIREMENTS WITH GEOTECH REPORT AND/OR OWNER.

6 ASPHALT PAVEMENT

SCALE: N.T.S. **REF. DWG. C5.0**

NOTES:
1. PAVEMENT DETAILS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY FINAL PAVEMENT REQUIREMENTS WITH GEOTECH REPORT AND/OR OWNER.
2. CONTRACTOR TO INSTALL CONCRETE PAVEMENT JOINTS PER THE AMERICAN CONCRETE INSTITUTES "GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS"

7 CONCRETE PAVEMENT DETAIL

SCALE: N.T.S. **REF. DWG. C5.0**

NOTE: MAINTAIN 4" SIDEWALK THICKNESS IN DEPRESSED AREA.

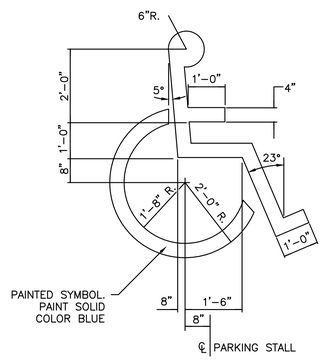
8 PARALLEL ACCESSIBLE RAMP DETAIL

SCALE: N.T.S. **REF. DWG. C5.0**

NOTE: MAINTAIN 4" SIDEWALK THICKNESS IN DEPRESSED AREA.

9 ACCESSIBLE RAMP WITH NON-TRAVERSABLE CURBS DETAIL

SCALE: N.T.S. **REF. DWG. C5.0**

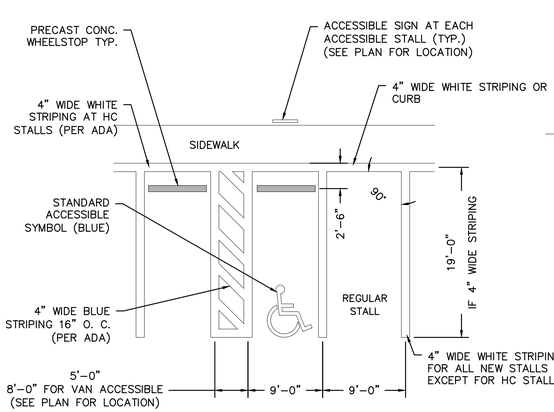


10 ACCESSIBLE SYMBOL DETAIL

SCALE: N.T.S. **REF. DWG. C5.0**

11 ACCESSIBLE SIGN DETAIL

SCALE: N.T.S. **REF. DWG. C5.0**



12 90 DEGREE ACCESSIBLE PARKING DETAIL

SCALE: N.T.S. **REF. DWG. C5.0**

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Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
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314.415.8231 (tel)

Project No: 26023

Revisions

Description	Date

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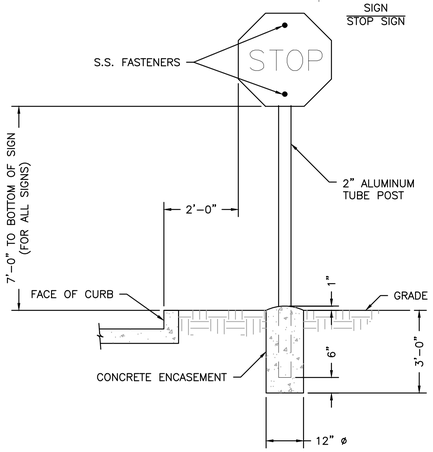
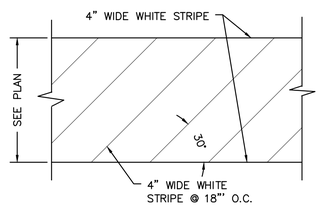


1 STOP SIGN DETAIL

SCALE: N.T.S. **REF. DWG.** C5.0



2 CROSS WALK DETAIL

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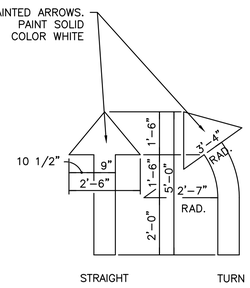

3 PAINTED DIRECTIONAL ARROWS

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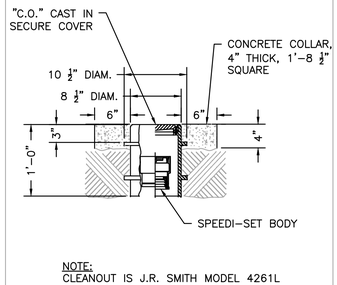
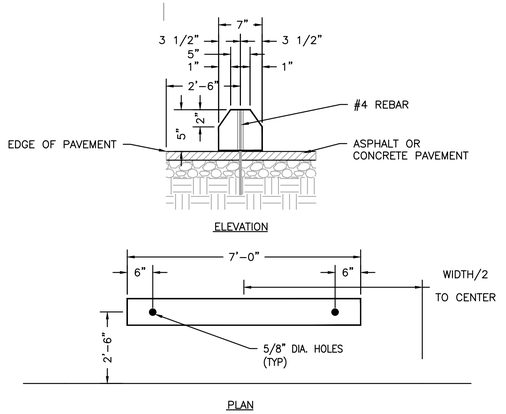


NOTE:
CLEANOUT IS J.R. SMITH MODEL 4261L

4 CLEANOUT DETAIL

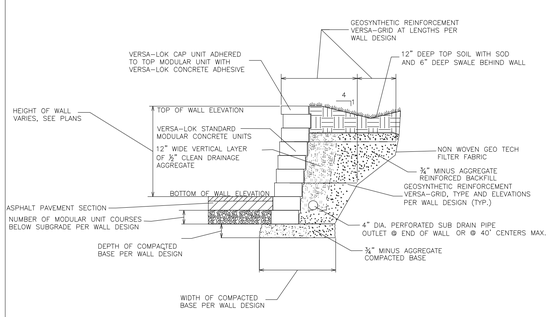
SCALE: N.T.S. **REF. DWG.** C7.0



NOTES:
1. SIMILAR SHAPE MAY BE USED UPON APPROVAL OF ENGINEER.
2. HOLD IN PLACE WITH 18" LONG #4 REBARS PLACED IN THE HOLES AT EACH END AND DRIVEN FLUSH WITH THE TOP.

5 WHEEL STOP DETAIL

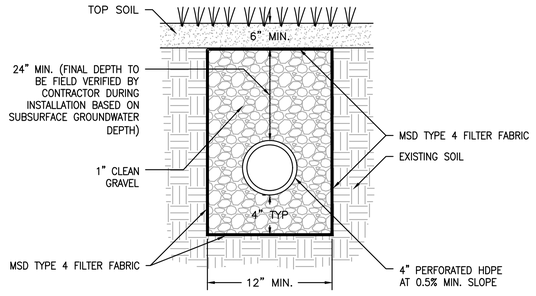
SCALE: N.T.S. **REF. DWG.** C5.0



NOTE:
RETAINING WALL DETAIL SHOWN FOR REFERENCE ONLY.
RETAINING WALL TO BE DESIGNED BY OTHERS AND SUBMIT SHOP DRAWINGS FOR APPROVAL.

6 RETAINING WALL DETAIL

SCALE: N.T.S. **REF. DWG.** C5.0



7 FRENCH DRAIN DETAIL

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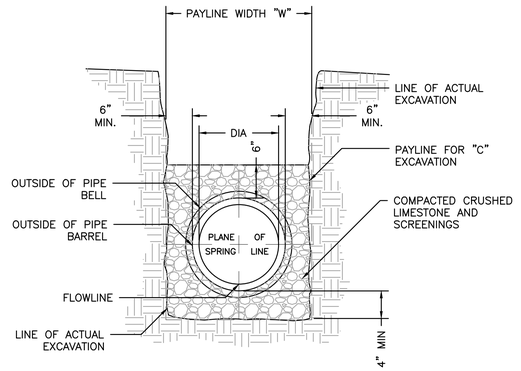

8 PVC PIPE BEDDING DETAIL

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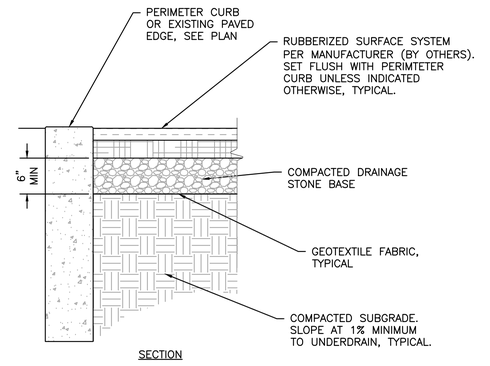
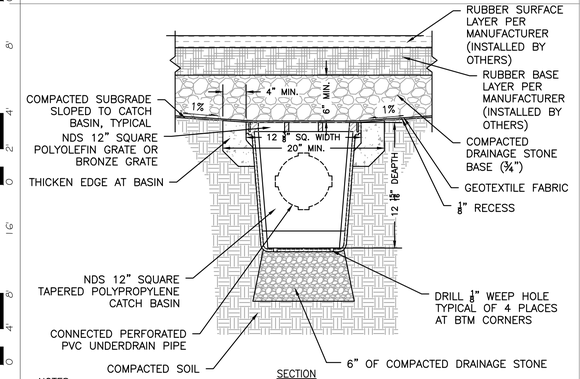


NOTES
1. SEE GRADING PLAN FOR ALL PERIMETER CURB ELEVATIONS IN RELATION WITH RUBBERIZED PLAY SURFACE.
2. TOP OF AGGREGATE SECTION TO BE ESTABLISHED AT 4.5 INCHES BELOW FINISH GRADE (TYP) PLAYGROUND EQUIPMENT CONTRACTOR TO ADD ADDITIONAL AGGREGATE AS REQUIRED.

9 RUBBERIZED PLAY SURFACE

SCALE: N.T.S. **REF. DWG.** C5.0

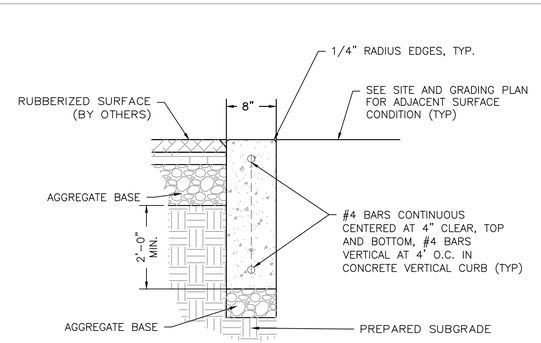


SECTION

NOTES
1. GRATE TO BE ATTACHED TO CATCH BASIN WITH SCREW PROVIDED AT TIME OF INSTALLATION.
2. BRONZE GRATE TO BE USED IN PEDESTRIAN TRAFFIC APPLICATION ONLY.
3. DO NOT USE OVER 5 RISERS WITH CATCH BASIN.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. CATCH BASIN TOP TO BE ESTABLISHED AT 11 INCHES BELOW FINISH GRADE (TYP).
6. TOP OF AGGREGATE SECTION TO BE ESTABLISHED AT 4.5 INCHES BELOW FINISH GRADE (TYP). PLAYGROUND EQUIPMENT CONTRACTOR TO ADD ADDITIONAL AGGREGATE AS REQUIRED.

10 CATCH BASIN - PLAYGROUND UNDERDRAIN

SCALE: N.T.S. **REF. DWG.** C7.0

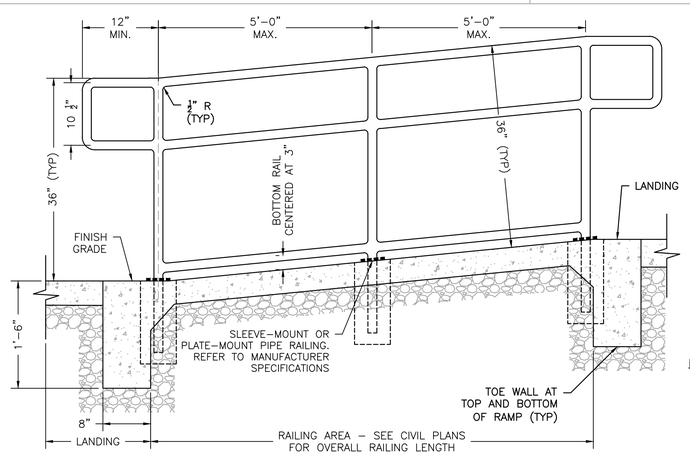


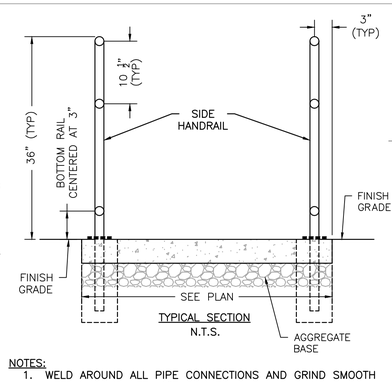
NOTE:
PROVIDE DOWELED AND SEALED EXPANSION JOINTS AT 30'-0" MAXIMUM SPACING

NOTE:
SEE GRADING PLAN FOR ALL PERIMETER CURB ELEVATIONS IN RELATION WITH RUBBERIZED PLAY SURFACE.

11 8" WIDE PERIMETER CURB

SCALE: N.T.S. **REF. DWG.** C5.0





NOTES:
1. WELD AROUND ALL PIPE CONNECTIONS AND GRIND SMOOTH
2. ALL PIPES TO BE 1 ½" O.D. SCH40 STEEL PIPE.
3. IF RAILING IS TO BE SLEEVE-MOUNTED, PROVIDE CONCRETE FOOTING AT RAILING PER MANUFACTURER SPECIFICATIONS.
4. HANDRAILS TO BE PAINTED AS FOLLOWS:
   a. ONE (1) PRIME COAT WITH ALKYD PRIMER.
   b. TWO (2) TOP COATS WITH BLACK ALKYD PAINT.

12 ACCESSIBLE RAMP HANDRAIL DETAIL

SCALE: N.T.S **REF. DWG.** C5.0

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Project No: 26023

Revisions

Description	Date

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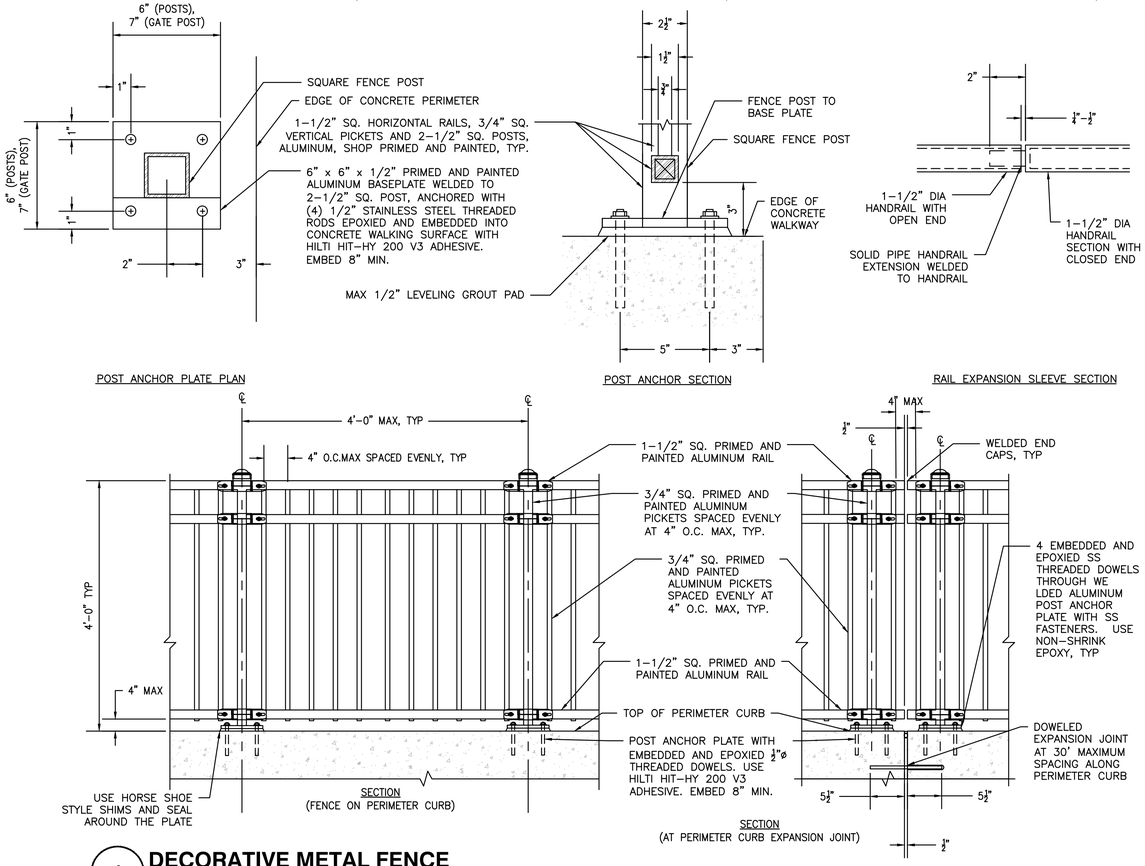
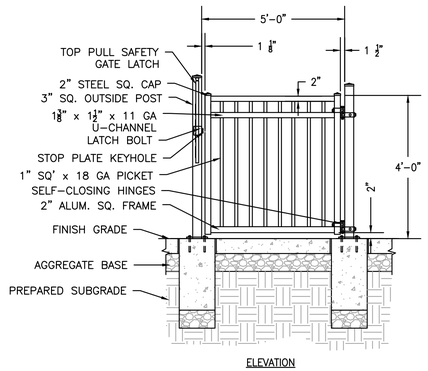


1 DECORATIVE METAL FENCE

SCALE: N.T.S. **REF. DWG. C5.0**



ELEVATION

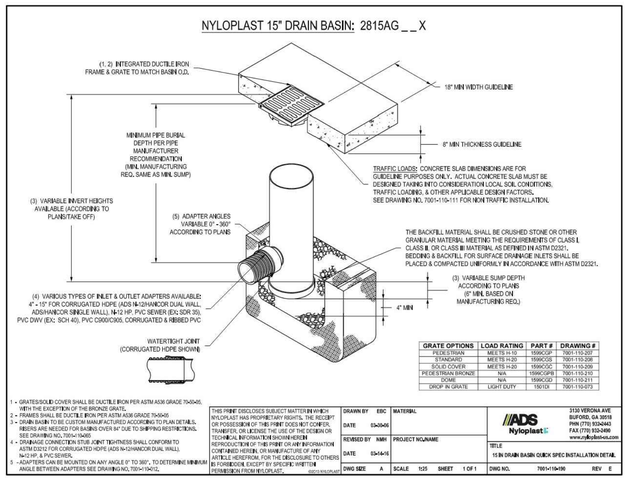
HARDWARE SCHEDULE

HARDWARE	PRODUCT
SELF–CLOSE HINGE	TRUCLOSE HEAVY DUTY FOR METAL GATES, D&D TECHNOLOGIES. ADJUSTABLE TENSION.
LOCKABLE PULL GATE LATCH	LOCKABLE MAGNA–LATCH S3 TOP PULL SAFETY GATE LATCH, KEYED ALIKE, COLOR: BLACK

NOTES:
1. PROVIDE THE BASIS OF DESIGN PRODUCTS LISTED ABOVE OR ARCHITECT ACCEPTED EQUAL PRODUCTS THAT MEET THE SALIENT CHARACTERISTICS IDENTIFIED IN THE CONSTRUCTION DOCUMENTS.
2. PROVIDE SHOP DRAWINGS FOR ALL FENCE, GATE AND GATE LATCHING COMPONENTS FOR REVIEW AND APPROVAL BY ARCHITECT PRIOR TO INITIATING FENCE PURCHASE.
3. FENCE, GATE, HARDWARE AND ACCESSORIES COLOR: BLACK.

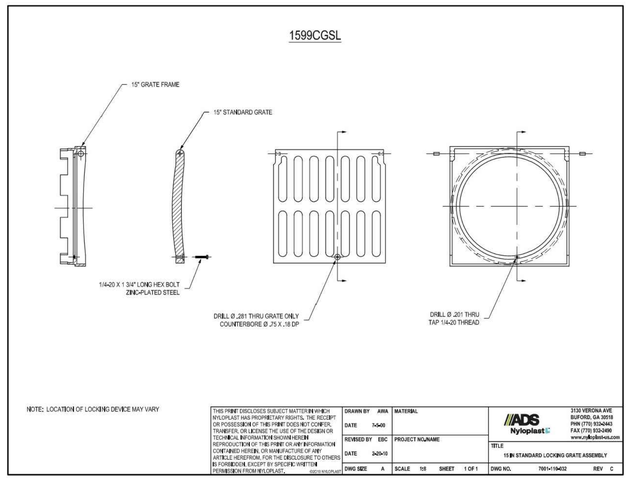
2 DECORATIVE FENCE GATE

SCALE: N.T.S. **REF. DWG. C5.0**



3 NYLOPLAST DRAIN BASIN DETAIL

SCALE: N.T.S. **REF. DWG. C7.0**



4 NYLOPLAST 15" STANDARD LOCKING GRATE

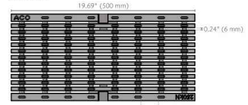
SCALE: N.T.S. **REF. DWG. C7.0**

ACO Specifications
January 2026

ACO Drain® | KlassikDrain

Type 676D Longitudinal Ductile Iron Grate Spec Sheet

Type 676D Longitudinal Ductile Iron Grate
part no. 142173







Product Name	Part No.	Length in (mm)	Width in (mm)	Weight lbs
Type 676D Longitudinal Ductile Iron Grate	142173	19.69 (500)	9.37" (238)	19.0

DrainLok Locking Mechanism

ACO DrainLok is a patented, boltless locking system that removes the need for bolts and bars while improving the hydraulic capacity of the channel. DrainLok Clips lock into the channel's edge rail for rapid installation. ACO DrainLok grates are fitted with an anti-taunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.



Specification Summary

General

The surface drainage system shall be ACO Drain K200, KS200, and H200K-13 channels, complete with ACO Type 676D Longitudinal Ductile Iron grate with DrainLok locking as manufactured by ACO, Inc. or similar approved.

Installation

The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

Materials

The grates shall be manufactured from ductile iron and have minimum properties as follows:

- Ductile iron to ASTM A536 - Grade 80-55-06
- Intake area of 46.0 in² (296.9 cm²) per half meter of grate grate

The overall width of 9.37" (238 mm) and overall length of 19.69" (500 mm). Slots measure at 0.24" (6 mm) by 2.08" (53 mm).

ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3

ASME: A112.6.3 : Section 7.12
Heel-resistant Strainers & Grates
grate hole size ≤ 0.31" (8 mm)

ACO Heel-safe standard:
grate hole size ≤ 0.25" (6.5 mm)

Australian Standard AS 3996 - 2006 Clause 3.3.6:
max slot length dependent on slot width for grates that are deemed Bicycle Tire Penetration Resistant.

EN 1433 Load Class C
56,202 lbs – 1,160 psi

5 ACO TYPE 676D GRATE (WITH KS200 CHANNEL)

SCALE: N.T.S. **REF. DWG. C7.0**

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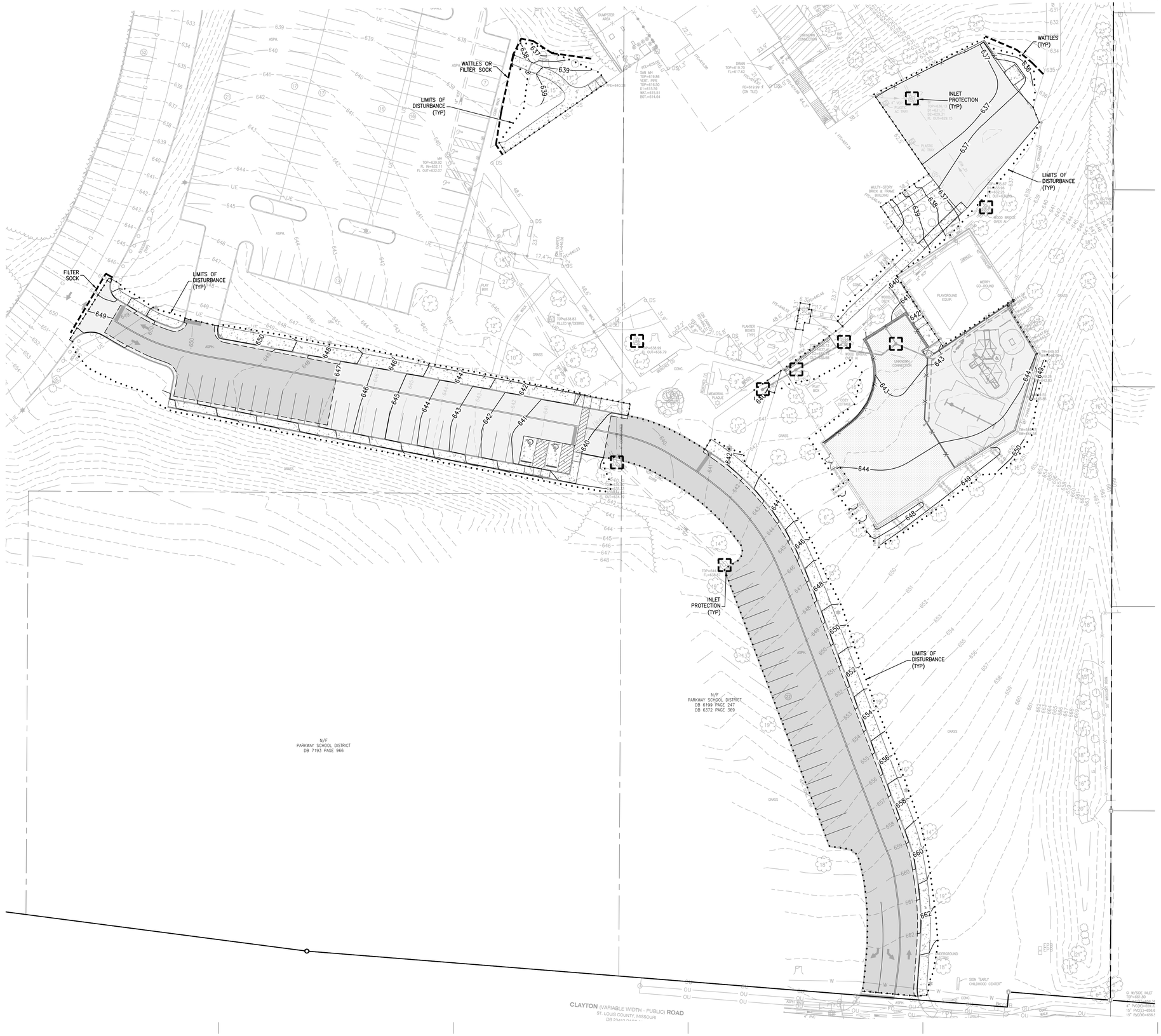

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PARKWAY ECC - WEST CAMPUS

14605 CLAYTON RD., BALLWIN, MO 63011
Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.,
Chesterfield, MO 63017
314.415.6231 tel

Project No: 26023

Revisions

Description	Date

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STATE OF MISSOURI · STANLEY EARL FOWLER JR. · NUMBER PE-2020000037 · PROFESSIONAL ENGINEER

CIVIL ENGINEERS
CORPORATE ENGINEERING CERTIFICATE #001165

STANLEY EARL FOWLER, JR.
CIVIL ENGINEER
PE NO: PE-2020000037
11/02/2026

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DATE: 11/05/2026

BID/PERMIT SET

SWPPP

C9.0

SWPPP NOTES

SITE OWNER: PARKWAY SCHOOL DISTRICT
SITE ADDRESS: 14605 CLAYTON RD
CHESTERFIELD, MO 63011

SITE CONTACT/
SPECIAL INSPECTOR: POETTKER CONSTRUCTION

1. REFER TO IMPROVEMENT PLANS FOR PERTINENT SITE MAP INFO.
2. REFER TO IMPROVEMENT PLANS FOR PERTINENT TOPOGRAPHICAL INFO.
3. TOTAL LAND ESTIMATED TO BE DISTURBED – APPROXIMATELY 1.67 AC
4. REFER TO DRAINAGE AREA MAP IN IMPROVEMENT PLANS FOR DRAINAGE PATTERNS.
5. REFER TO SWPPP PLAN FOR LOCATION OF ACCESS TO CONSTRUCTION SITE.
6. DESCRIPTION OF B.M.P.'S TO CONTROL EROSION AND SEDIMENTATION (INTERIM AND PERMANENT STABILIZATION PRACTICES)
   - A. FOR DETAILED DESCRIPTION OF EACH BMP REQUIRED ON THE SITE SEE THIS SHEET.
   - B. CONTRACTOR SHALL ESTABLISH PERIMETER SILTATION CONTROL PRIOR TO ANY CONSTRUCTION ACTIVITIES. AREAS REQUIRING MINOR CLEARING &/OR GRADING PRIOR TO INSTALLATION OF SILTATION CONTROL SHALL BE COMPLETED IN A TIMELY MANNER AND SILTATION CONTROL ESTABLISHED IMMEDIATELY FOLLOWING.
   - C. TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED WHERE THE ACCESS AREAS INTERSECT WITH PUBLIC ACCESS WAYS. DURING MUDDY CONDITIONS, DRIVERS OF VEHICLES WILL BE REQUIRED TO WASH THEIR WHEELS BEFORE ENTERING THE ROADWAY. WHERE SEDIMENT IS TRANSPORTED ONTO PUBLIC ACCESS WAYS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROAD BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
   - D. UPON COMMENCEMENT OF INITIAL CLEARING AND GRUBBING OPERATIONS, AS WELL AS FUTURE GRADING OPERATIONS, TOPSOIL MUST BE STRIPPED FROM GRADED AREAS AND STOCKPILED FOR IN FINAL GRADING AND / OR EXCESS REMOVAL. THE STOCKPILES WILL BE KEPT ON SITE BUT MUST STAY CLEAR OF ALL CONSTRUCTION ACTIVITY. THE STOCKPILE MUST BE STABILIZED WITH TEMPORARY VEGETATION, OR COVERED AT THE END OF EACH WORKDAY, OR PERIMETER CONTROLS MUST BE IN PLACE TO PREVENT SOIL LOSS AND SEDIMENT TRANSPORT FROM THE STOCKPILE ITSELF UNTIL NEEDED.
   - E. CONTRACTOR SHALL CLEAR AND GRUB THOSE AREAS OF THE SITE SCHEDULED FOR CONSTRUCTION. AREAS NOT SCHEDULED FOR IMMEDIATE CONSTRUCTION SHALL NOT BE CLEARED OF ESTABLISHED VEGETATION UNTIL REQUIRED. REMAINDER OF SITE SHALL BE GRADED, AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF SILTATION CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
   - F. STORM DRAINS SHALL BE INSTALLED AS EARLY AS POSSIBLE, PROVIDED THE INSTALLATION DOES NOT CONFLICT WITH OTHER CONSTRUCTION ACTIVITIES. INLET PROTECTION SHALL BE PLACED AROUND EACH INLET, IMMEDIATELY, UPON COMPLETION OF CONSTRUCTION OF EACH INLET. INLETS MAY BE UTILIZED FOR STORM WATER CONTROL DURING CONSTRUCTION, WITH THE SILT FENCE AND EROSION CONTROL MEASURES IN PLACE. CONTRACTOR SHALL TAKE PRECAUTIONS TO LIMIT SILT FROM ENTERING STORM PIPE, PRIOR TO INSTALLATION OF STORM STRUCTURES.
   - G. IF SEEDING OR ANOTHER VEGETATIVE EROSION CONTROL METHOD IS USED, IT SHALL BECOME ESTABLISHED WITHIN TWO WEEKS OR THE SITE SHALL BE RE–SEEDED OR A NON–VEGETATIVE OPTION EMPLOYED.
   - H. TECHNIQUES SHALL BE EMPLOYED TO ENSURE STABILIZATION ON STEEP SLOPES AND IN DRAINAGE WAYS.
   - I. THE ENTIRE SITE MUST BE STABILIZED, USING HEAVY MULCH LAYER OR ANOTHER METHOD THAT DOES NOT REQUIRE GERMINATION TO CONTROL EROSION, AT THE CLOSE OF THE CONSTRUCTION SEASON. REFER TO TABLE ON THIS SHEET FOR MULCHING RATES.
   - J. TECHNIQUES SHALL BE EMPLOYED TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.
   - K. TECHNIQUES SHALL BE EMPLOYED TO DIVERT UPLAND RUNOFF PAST DISTURBED SLOPES.
   - L. ALL PROPOSED TURF AREAS ARE TO BE REPLACED WITH SOD ONCE CONSTRUCTION IS COMPLETED WITHIN FIVE DAYS AFTER FINAL GRADING OF THE SITE WHERE SHOWN ON THE PLAN. SHOULD WEATHER CAUSE DELAYS IN EARTHWORK OPERATIONS, ADDITIONAL SILTATION CONTROL MEASURES MAY BE REQUIRED.
   - M. ANY DISTURBED AREAS WHICH WILL REMAIN UNWORKED FOR 5 DAYS OR MORE SHALL BE STABILIZED WITH SEEDING AND MULCHING PER SPECIFICATIONS WITHIN 5 DAYS. IF SEASONAL CONDITIONS PROHIBIT SEEDING, MULCHING OR MATTING SHALL BE USED.
   - N. SEDIMENTATION CONTROLS SHALL ONLY BE REMOVED WITH CITY APPROVAL AFTER THE SITE IS COMPLETELY STABILIZED, VEGETATION IS WELL ESTABLISHED, AND ALL PAVEMENT AREAS ARE INSTALLED.
7. DESCRIPTION OF B.M.P.'S TO PREVENT POTENTIAL POLLUTANTS
   (CONSTRUCTION WASTES, TOXIC OR HAZARDOUS SUBSTANCES, PETROLEUM PRODUCTS, PESTICIDES, HERBICIDES, SITE LITTER, SANITARY WASTES, ETC.)
   - A. SOLID NON–HAZARDOUS CONSTRUCTION WASTE – DISPOSE OF IN TRASH DUMPSTERS OR APPROVED EQUIVALENT IN A LOCATION APPROVED BY THE OWNER. POTENTIALLY SOLUBLE OR LEACHABLE SOLID WASTE SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK–PROOF CONTAINERS. SOLID WASTE SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK–PROOF CONTAINERS. SOLID WASTE SHALL BE PROPERLY DISPOSED OF OFF–SITE ON A REGULAR BASIS.
   - B. HAZARDOUS WASTE – HAZARDOUS WASTE SHALL BE SEGREGATED FROM NON–HAZARDOUS CONSTRUCTION SITE DEBRIS. LIQUID OR SEMI–LIQUID HAZARDOUS WASTE SHALL BE STORED IN APPROPRIATE CONTAINERS (CLOSED DRUMS OR SIMILAR) AND SHALL BE KEPT UNDER COVER. GRANULAR, SOLUBLE, OR LEACHABLE HAZARDOUS WASTE MATERIALS SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK–PROOF CONTAINERS, THE OWNER SHALL PROPERLY APPROVE ANY HAZARDOUS WASTE STORAGE AREA LOCATIONS.
   - C. HAZARDOUS WASTE SHALL BE PROPERLY DISPOSED OF OFF–SITE ON A REGULAR BASIS BY A REPUTABLE, LICENSED HAZARDOUS WASTE HAULER.
   - D. IT IS NOT THE INTENT OF THIS SWPPP TO SUPERSEDE OR REPLACE NORMAL SITE ASSESSMENT AND REMEDIATION PROCEDURES CONCERNING HAZARDOUS MATERIALS. SIGNIFICANT SPILLS AND/OR CONTAMINATION WARRANT AN IMMEDIATE RESPONSE BY TRAINED PROFESSIONALS. SUSPECTED JOB SITE CONTAMINATION SHOULD IMMEDIATELY BE REPORTED TO REGULATORY AUTHORITIES AND PROTECTIVE MEASURES TAKEN.
   - E. FRESH CONCRETE WASTE AND CONCRETE EQUIPMENT WASH DOWNS SHALL BE CONTAINED AND SHALL BE STORED AWAY FROM DRAINAGE DITCHES, SWALES AND DRAINAGE STRUCTURES. WHERE APPROPRIATE, CONTAINMENT BERMS SHALL BE PLACED AROUND WASTE STORAGE AREAS.
   - F. ON–SITE FUELING FACILITIES ARE REQUIRED TO ADHERE TO ALL APPLICABLE FEDERAL AND STATE REGULATIONS CONCERNING STORAGE AND DISPENSERS.
   - G. PROVISIONS SHALL BE MADE SO THAT A SUFFICIENT NUMBER OF TEMPORARY TOILET FACILITIES ARE AVAILABLE TO SERVE THE NUMBER OF WORKERS ON–SITE.
   - H. PROVISIONS SHALL BE MADE FOR LITTER CONTROL.
8. DESCRIPTION OF B.M.P.'S TO REMAIN AFTER CONSTRUCTION
   - A. STORM DRAINS – THE DEVELOPMENT WILL BE SERVED BY A STORM WATER SYSTEM CONSISTING OF PIPE AND INLETS. ANY STORM DRAINAGE SYSTEM DESIGNATED AS "PRIVATE" SHALL BE OPERATED AND MAINTAINED BY THE OWNER. ANY STORM DRAINAGE SYSTEM DESIGNATED AS "PUBLIC" SHALL BE MAINTAINED BY METROPOLITAN ST. LOUIS SEWER DISTRICT (MSD) UPON DEDICATION OF THE SEWERS TO THE DISTRICT.
   - B. TURF AREAS – TURF AREAS SHALL BE MAINTAINED TO INSURE SITE AREAS REMAIN STABILIZED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
   - C. PAVED AREAS AND WALKWAYS – AREAS SUBJECT TO FOOT AND VEHICLE TRAFFIC SHALL BE PAVED AND KEPT IN GOOD REPAIR FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES.
9. CONTRACTOR TO COORDINATE WITH THE CITY AND DEVELOPER FOR OFF STREET PARKING AREA..
10. HAUL ROUTE OF EXCESS SPOILS TO BE DETERMINED BY SITE CONTRACTOR.
11. REFER TO B.M.P.'S DESCRIPTIONS (**#6**, **#7**, **#8**) AND THE SWPP PLAN TO REFERENCE ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED FOR THIS SITE.
12. REFER TO SEEDING RATES/MIXTURES ON THIS SHEET.
13. PLANNED RESPONSE TO LOSS OF CONTAINED SEDIMENT:
    B.M.P.'S SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY, AS REQUIRED, TO STABILIZE SITE AND CONTAIN SEDIMENT LADEN RUNOFF. OFFSITE AREAS SHALL BE REVIEWED FOR EXTENT OF IMPACT FROM B.M.P. FAILURE. PERMIT HOLDER SHALL BE REQUIRED TO PROVIDE DOCUMENTATION TO THE ST. CHARLES DEPARTMENT OF PUBLIC WORKS OF THE B.M.P. MEASURES, INSTALLED AND SCHEDULED MAINTENANCE, AND REPAIRS.
14. PERMIT HOLDER
    - A. PERMIT HOLDER SHALL NOTIFY ALL CONTRACTORS AND OTHER ENTITIES (INCLUDING UTILITY CREWS, CITY EMPLOYEES, OR THEIR AGENTS) THAT WILL PERFORM WORK AT THE SITE, OF THE EXISTENCE OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND WHAT ACTIONS OR PRECAUTIONS SHALL BE TAKEN WHILE ON SITE TO MINIMIZE THE POTENTIAL FOR EROSION AND THE POTENTIAL FOR DAMAGING ANY BEST MANAGEMENT PRACTICES (BMP'S).
    - B. PERMIT HOLDER SHALL DETERMINE THE NEED FOR AND ESTABLISH TRAINING PROGRAMS TO ENSURE THAT ALL SITE WORKERS HAVE BEEN TRAINED, AT A MINIMUM, IN EROSION CONTROL, MATERIAL HANDLING AND STORAGE, AND HOUSEKEEPING.
    - C. PROVIDE COPIES OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO ALL PARTIES WHO ARE RESPONSIBLE FOR INSTALLATION, OPERATION, OR MAINTENANCE FOR ANY BEST MANAGEMENT PRACTICES (BMP'S).
    - D. MAINTAIN A CURRENT COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ON THE SITE AT ALL TIMES. A COPY OF THE SWPPP WILL BE LOCATED AT THE CONSTRUCTION TRAILER AND BE AVAILABLE FOR VIEWING AT ALL TIMES.
15. PRIOR TO ANY MAJOR LAND DISTURBANCE ACTIVITY, A LAND DISTURBANCE PERMIT FROM THE STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES AND COUNTY, WILL BE REQUIRED.
16. ANY LAND CLEARING, CONSTRUCTION, OR DEVELOPMENT INVOLVING THE MOVEMENT OF EARTH SHALL BE IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN.
17. CONTRACTOR SHALL KEEP SILT FROM ENTERING INTO THE STORM SEWER SYSTEM AND KEEP ALL WATER FROM PONDING ON THE PAVEMENT THAT IS PART OF THE PEDESTRIAN TRAVEL WAY. INLET PROTECTION SHALL ONLY BE USED AS NECESSARY TO KEEP SILT FROM ENTERING INTO THE STORM SEWER SYSTEM.

SCALE: 3" = 1'-0" (1" 0.5" 0)
SCALE: 1" = 1'-0" (2" 1" 0.5" 0)
SCALE: 1/2" = 1'-0" (1" 2" 0)
SCALE: 1/4" = 1'-0" (2" 4" 0)
SCALE: 1/8" = 1'-0" (4" 8" 0)
SCALE: 1/16" = 1'-0" (8" 16" 0)
SCALE: 3/4" = 1'-0" (3" 2" 1" 0)
SCALE: 1/32" = 1'-0" (32" 16" 8" 0)

USER: Patrick Barry TAB: C9.1 SWPPP NOTES AND DETAILS
DATE: November 2, 2026 - 5:02:20 PM
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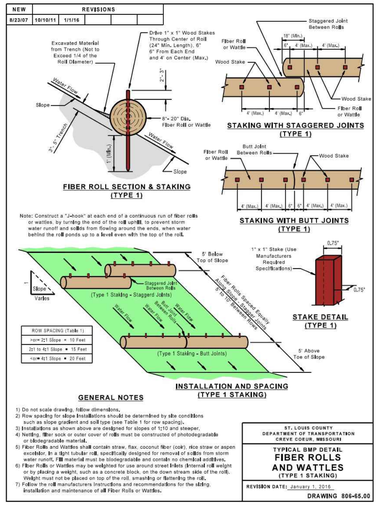


GENERAL NOTES

1) Do not scale drawing, follow dimensions.
2) Raw sediment for slope installations should be determined by site conditions such as slope gradient and soil type (see Table 1 for row spacing).
3) Installations as shown above are designed for slopes of 1/10 and steeper.
4) Netting, fiber sock or outer cover of rolls must be constructed of photodegradable or biodegradable material.
5) Fiber Rolls and Wattles shall contain straw, flax, coconut fiber (coir), rice straw or aspen excelsior. In a tight tubular roll, specifically designed for removal of solids from storm water runoff, FR material must be biodegradable and contain no chemical additives.
6) Fiber Rolls or Wattles may be weighted for use around street inlets (triennial roll weight in by placing a weight, such as a concrete block, on the down stream side of the roll, or by staking the roll in place with a stake driven through the roll).
7) Follow the roll manufacturers instructions and recommendations for the staking, installation and maintenance of all Fiber Rolls or Wattles.

ST. LOUIS COUNTY DEPARTMENT OF TRANSPORTATION CREVE COEUR, MISSOURI

TYPICAL BMP DETAIL
FIBER ROLLS AND WATTLES (TYPE 1 STAKING)

REVISION DATE: January 1, 2016
DRAWING 806-65.00

FIBER ROLLS AND FILTER ROLLS

PHYSICAL DESCRIPTION - A fiber roll, also known as a wattle, consists of straw, flax, coconut fiber (coir), rice straw or other similar materials bound in a tight photodegradable or biodegradable tubular roll or filter sock. A filter roll consists of a biodegradable, coarse composted or fiber material bound in a tight photodegradable or biodegradable tubular roll or filter sock. They intercept runoff, reduce flow velocity, remove sediment from the runoff, and reduce soil erosion. Fiber rolls and filter rolls must be prefabricated.

WHERE BMP IS TO BE INSTALLED - Installed on erodible slopes, at top of and toe of slopes, around the perimeter of the site, and around temporary stockpiles, as final barrier to sediment being carried off site. Spacing of rolls along slopes is relative to slope. Filter rolls and fiber rolls may also be used at drain inlets, swales and other concentrated flow areas to prevent sediment, silt, and other solids in storm water runoff from entering the storm sewer system. Rolls may also be used as mini check dams in unlined ditches and swales.

CONDITIONS FOR EFFECTIVE USE OF BMPs

Type of Flow:	Sheet flow and concentrated flow
Contributing Slope:	For slopes, use the following row spacing:
	2:1 (H:V) or steeper: 10 feet
	Between 2:1 and 4:1 (H:V): 15 feet
	4:1 (H:V) or flatter: 20 feet

WHEN BMP IS TO BE INSTALLED - Prior to disturbance of natural vegetation and at intervals during construction of fill slopes. Fiber rolls and filter rolls should not be used on slopes subject to creep, slumping or landslide. Rolls are difficult to move once saturated.

INSTALLATION / CONSTRUCTION PROCEDURES

- ✓ Calculate required roll diameter, length and row spacing based on slope and the manufacturers recommendations.
- ✓ Dig trench to required depth for fiber rolls (filter rolls do not require trench).
- ✓ Place fiber rolls in trench or filter rolls directly on slope.
- ✓ Stake the fiber rolls or filter rolls as shown on detail drawings.
- ✓ Place excavated soil (fiber roll) or filter roll material along the upside of rolls as shown on detail drawings, not to exceed ¼ of the roll diameter.

O&M PROCEDURES

- ✓ Inspect every week and after every storm.
- ✓ Remove sediment buildup deeper than ½ the exposed roll height.
- ✓ Replace or repair split, torn, unraveling, slumping or damaged rolls.
- ✓ Repair or replace unstable or broken wood stakes.
- ✓ Stabilize any areas susceptible to undermining.
- ✓ Extend rows or add additional rolls if necessary to provide adequate protection.

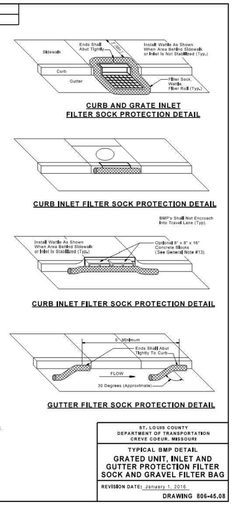
SITE CONDITIONS FOR REMOVAL - After permanent vegetation of slope is established, remove rolls, collect and dispose of sediment accumulation, re-grade trench area to blend with adjacent ground, and vegetate. Rolls do not have to be removed if approved construction or grading plans call for rolls to permanently be left in place (must be fully biodegradable).

TYPICAL DETAILS - 806-65.00
806-55.01
806-55.02

NEW REVISIONS
11/1/16 1/11/16

GENERAL NOTES

1) LOCATION, DIAMETER AND LENGTH OF SOCK IS DEPENDENT ON THE INLET/GUTTER BEING PROTECTED (E.E. DOUBLE, TRIPLE INLET, ETC.).
2) GRAVEL FILTER SACK MAY BE SUBSTITUTED FOR FILTER SOCKS.
3) SOME LOCATIONS WILL NOT HAVE SIDEWALK (AS SHOWN IN THIS DETAIL).
4) IF THE AREA BEHIND THE INLET (AND SIDEWALK) IS NOT STABILIZED, A BMP SHALL BE USED TO PREVENT POLLUTANTS FROM ENTERING THIS INLET FROM BEHIND.
5) WHEN A WATTLE IS USED TO PREVENT POLLUTANTS FROM ENTERING AN INLET THROUGH THE SIDEWALK, AND THE SIDEWALK IS MORE THAN A MINIMUM 3 FOOT WALKING PATH, THE BMP SHALL BE MAINTAINED TO PREVENT SEDIMENT ACCUMULATION ON THE SIDEWALK.
6) SOCKS / BAGS (BMP) SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE ACTIVITY. SOCKS / BAGS SHALL BE REMOVED AFTER INSTALLATION OF PROPOSED INLETS.
7) ACCUMULATED SEDIMENT SHALL BE REMOVED BEFORE IT REACHES ONE HALF THE DIAMETER OF THE SOCK OR BAG HEIGHT AT A MINIMUM OR ENCROACHES ONTO A TRAVEL LANE.
8) SEE GRAVEL BAG, FILTER SOCK (WATTLE, FIBER ROLL) AND INLET PROTECTION SPECIFICATIONS IN THE SEDIMENT AND EROSION CONTROL MANUAL FOR ADDITIONAL INFORMATION. SOCKS / BAGS MUST BE LAYERED AND PACKED TIGHTLY SUCH THAT NO GAPS ARE EVIDENT.
9) LEAVE ONE GRAVEL BAG GAP IN THE TOP LAYER TO PROVIDE A SPILLWAY FOR OVERFLOW.
10) STRAW BALES MAY NOT BE USED AS A BMP. INSTALL A PAIR OF FILTER SOCKS, NEXT TO EACH OTHER, PARALLEL TO THE CURB INLET IF DIRECTED BY THE COUNTY.
11) BMP'S MUST BE INSTALLED TO ALLOW THE INLET / GUTTER TO FUNCTION WITHOUT CAUSING FLOODING. IF FLOODING ELIMINATE LOCALIZED FLOODING, CHOOSE THE DIAMETER OF SOCK AND LAYER(S) OF BAGS SUITABLE TO THE INDIVIDUAL APPLICATION.
12) INLET PROTECTION IS NOT A STAND ALONE BMP AND SHOULD BE USED IN CONJUNCTION WITH OTHER UP STREAM BMP's.
13) SOCKS NEED TO BE WEIGHTED FOR USE AROUND INLETS (INTERNAL ROLL WEIGHT OR BY PLACING A WEIGHT, SUCH AS A CONCRETE BLOCK, ON THE DOWN STREAM SIDE OF THE ROLL). IN AREAS WHERE THE RISK OF FLOODING IS POSSIBLE.
14) AT LOCATIONS WITHOUT CURBS, THE GUTTER PROTECTION MAY BE SHAPED INTO A HORSESHOE, WITH THE OPENING FACING OPPOSITE THE DIRECTION OF FLOW. GUTTER PROTECTION CAN HELP PRE-TREAT STORM WATER IF NEEDED.
15) AT LOCATIONS WITHOUT CURBS, PLACE BMP's OF CHOICE COMPLETELY AROUND THE INLET, OVERLAP ENDS IF NEEDED.



ST. LOUIS COUNTY DEPARTMENT OF TRANSPORTATION CREVE COEUR, MISSOURI

TYPICAL BMP DETAIL
GRATED UNIT, INLET AND GUTTER PROTECTION FILTER SOCK AND GRAVEL FILTER BAG

REVISION DATE: January 1, 2016
DRAWING 806-65.08

INLET PROTECTION - BLOCK & GRAVEL, GRAVEL BAGS, AND FIBER ROLLS

PHYSICAL DESCRIPTION - A temporary sediment control barrier consisting of a short concrete block wall supporting gravel filter media, gravel bags, or fiber rolls around a storm water inlet designed to prevent sediment from entering the storm sewer. Shallow temporary ponding during and after rainfall should be expected. Use an alternate method if flooding of driving lanes, adjacent property, etc. is possible. Block and Gravel (Double Area Inlet), Fiber Roll (Single Curb Inlet), Fiber Roll (Double Curb Inlet), Fiber Roll (Triple Curb Inlet), Fiber Roll (Grated Inlet), or Fiber Roll (Gutter Protection).

WHERE BMP IS TO BE INSTALLED - At inlets where heavy flows are expected and an overflow capacity is necessary to prevent excessive ponding around the structure.

CONDITIONS FOR EFFECTIVE USE OF BMPs

Type of Flow:	Sheet flow and concentrated flow
Contributing Area:	Maximum of 1 acre

WHEN BMP IS TO BE INSTALLED - Immediately after placement of inlet and before construction starts on existing inlets.

INSTALLATION / CONSTRUCTION PROCEDURES

- ✓ Backfill, compact and uniformly grade area around inlet.
- ✓ Install first row of concrete blocks adjacent to the inlet sill, placing one block on its side on each side of inlet. The blocks are placed against the sill for lateral support and to avoid washouts when overflows occur.
- ✓ If needed for lateral support, install 2 x 4 lumber through vertical block openings.
- ✓ Fill vertical block openings with gravel for stability.
- ✓ Place second row of block offsetting one-half block from the first row, in a brick-like pattern.
- ✓ Fill vertical block openings with gravel.
- ✓ Anchor wire screen over horizontal block openings to support gravel.
- ✓ Place gravel around the blocks.

O&M PROCEDURES

- ✓ Inspect every week and after every storm.
- ✓ Remove sediment accumulation to keep it at least 8 inches from the top of the blocks.
- ✓ Remove trash accumulation at inlet.
- ✓ Repair elements to original configuration as needed.

SITE CONDITIONS FOR REMOVAL - Remove after contributing drainage areas have been adequately stabilized. Restore area to grade and vegetate.

TYPICAL DETAIL - 806-45.02 (Block and Gravel, Single Area Inlet)
806-45.08 (Fiber Roll, Single Curb Inlet)

SEEDING REQUIREMENTS

Dates for Seeding

Permanent Seeding	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Tall Fescue			O	O	O			O	O			
Smooth Brome			O	O	O			O	O			
Fescue & Brome			O	O	O	O		O	O			
Fescue, Rye & Bluegrass	A	A	O	O	O	P	P	O	O	P	P	A

Temporary Seeding	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Rye or Sudan	A	A	O	O	O	O	O	O	O	O	A	A
Oats	A	A	O	O	O	O	O	O	O	O		

O = Optimum seeding dates
A = Acceptable seeding dates
P = Permitted seeding dates with reseeding 2 months later - Initially use 50% of seed and 75% of fertilizer. Reseed with additional 75% seed and remaining fertilizer.

Minimum Fertilizer and Seeding Rates

Permanent Seeding*	Pounds per acre	Pounds Per 1000 sq. ft.
Tall Fescue	300	7.0
Smooth Brome	200	4.6
Mixture # 1	250	5.7
Mixture # 2	210	4.8

Mixture # 1 = Tall Fescue @ 150 pounds per acre and Brome @ 100 pounds per acre.
Mixture # 2 = Tall Fescue @ 100 pounds per acre; Perennial Rye grass @ 100 pounds per acre; and Kentucky Blue grass @ 10 pounds per acre.
* = Seeding rate for slopes in excess of 20% (5:1), shall be 10 pounds per 1000 sq. ft.

Temporary Seeding	Pounds per acre	Pounds Per 1000 sq. ft.
Rye or Sudan	150	3.5
Oats	200	2.5

Fertilizer	Permanent Seeding (pounds per acre)	Temporary Seeding (pounds per acre)
Nitrogen	45	30
Phosphate	65	30
Potassium	65	30
Lime - ENM	600	600

ENM= Effective neutralizing material per State evaluation of quarried rock.

SEEDING

PHYSICAL DESCRIPTION - Establishment of vegetation by spreading grass seed designed to protect exposed soil from erosion by eliminating direct impact of precipitation and slowing overland flow rates. Once established, the vegetative cover will also filter pollutants from the runoff. Use only perennial vegetation for final stabilization.

WHERE BMP IS TO BE INSTALLED - To exposed soil after a phase of rough or finish grading has been completed, or areas where no activity will occur for 30 days.

CONDITIONS FOR EFFECTIVE USE OF BMPs

Type of Flow:	Sheet flow
Contributing Slope Length:	30 foot maximum for 3:1 slopes 50 foot maximum for slope between 3:1 and 10:1 100 foot maximum for slopes under 10%
Minimum Rates:	See attached chart(s)
Acceptable Dates:	See attached chart

WHEN BMP IS TO BE INSTALLED - Immediately after rough or finished grading is completed.

INSTALLATION / CONSTRUCTION PROCEDURES

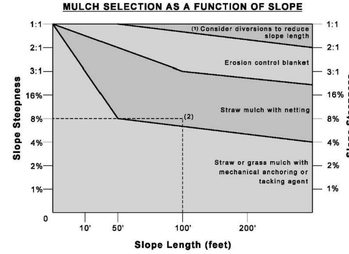
- ✓ Install upstream BMPs to protect area to be seeded.
- ✓ Rough grade area and remove all debris larger than 1-inch in diameter and concentrated areas of smaller debris.
- ✓ Install stabilization grids, if needed.
- ✓ Mix soil amendments (lime, fertilizer, etc.) into top 3 to 6 inches of soil as needed.
- ✓ Plant seed ¼ to ½ inch deep.
- ✓ Roll lightly to firm surface.
- ✓ Cover seeded area with mulch unless seeding completed during optimum spring and summer dates.
- ✓ Install additional stabilization (netting, bonded fiber matrix, etc.) as required.
- ✓ Water immediately - enough to soak 4 inches into soil without causing runoff.
- ✓ If contract / permit allows seeding to be used for final stabilization, only perennial vegetation seeds shall be used.
- ✓ For additional information see Sections 805 and 806.50 of St. Louis County's Standard Specification for Road and Bridge Construction.

O&M PROCEDURES:

- ✓ Inspect every week and after every storm
- ✓ Protect area from vehicular and foot traffic
- ✓ Reseed areas that have not sprouted within 21 days of planting.
- ✓ Repair damaged or eroded areas and reseed and stabilize as needed
- ✓ Do not mow until 4 inches of growth occurs
- ✓ During the first 4 months, mow no more than ⅓ the grass height
- ✓ Re-fertilize during 2nd growing season

SITE CONDITIONS FOR REMOVAL - Does not require removal, but temporary seeding can be removed immediately prior to work returning to an area

MULCH SELECTION AS A FUNCTION OF SLOPE



(1) For slopes steeper than 1:1, consider building a diversion above slope to divert water.
(2) Example: An 8% slope, 100 feet long, requires straw mulch with netting

GENERAL MULCH RECOMMENDATIONS TO PROTECT FROM SPLASH AND SHEET FLOW

Material	Rate Per Acre	Requirements	Notes
Straw	2 to 2.5 tons	Dry, unchopped unweathered; avoid weeds	Spread by hand or machine; must be tacked or tied down
Wood Fiber or Wood Cellulose	0.5 to 1 ton		Use with hydro seeder, may be used to tack straw. Do not use in hot, dry weather.
Wood Chips	5 to 8 tons	Air dry. Add nitrogen fertilizer at 12 lb per ton	Apply with blower, chip handler, or by hand. Not for fine turf areas.
Bark	35 cu. yds.	Air dry, shredded, or hammermilled; or chips	Apply with mulch blower, chip handler or by hand. Do not use asphalt tack.

MULCH

PHYSICAL DESCRIPTION - A layer of organic material designed to protect exposed soil or freshly seeded areas from erosion by eliminating direct impact of precipitation and slowing overland flow rates. Mulch materials may include, but are not limited to, such things as grass, hay, straw, wood chips, wood fibers, hydro mulch and shredded bark. Type 1 mulch is prohibited in the flood plain.

- Type I Mulch-Vegetative (includes grass, hay, and straw).
- Type II Mulch-Vegetative with asphalt emulsion (includes grass, hay, and straw).
- Type III Mulch-Vegetative with overspray (includes grass, hay, and straw).
- Type V Mulch-Hydro mulch (includes wood fiber, wood cellulose).
- Shredded Hardwood Bark Mulch.
- Wood Chips, (not recycled lumber).

WHERE BMP IS TO BE INSTALLED - Typically installed on seeded areas for temporary use, and in landscaped areas for permanent use.

CONDITIONS FOR EFFECTIVE USE OF BMPs

Type of Flow:	Sheet flow only
Slopes:	See attached chart for types of mulch acceptable as a function of slope length and steepness
Mulching Rates:	See attached table

WHEN BMP IS TO BE INSTALLED - Immediately after grading landscaped areas or seeding other areas.

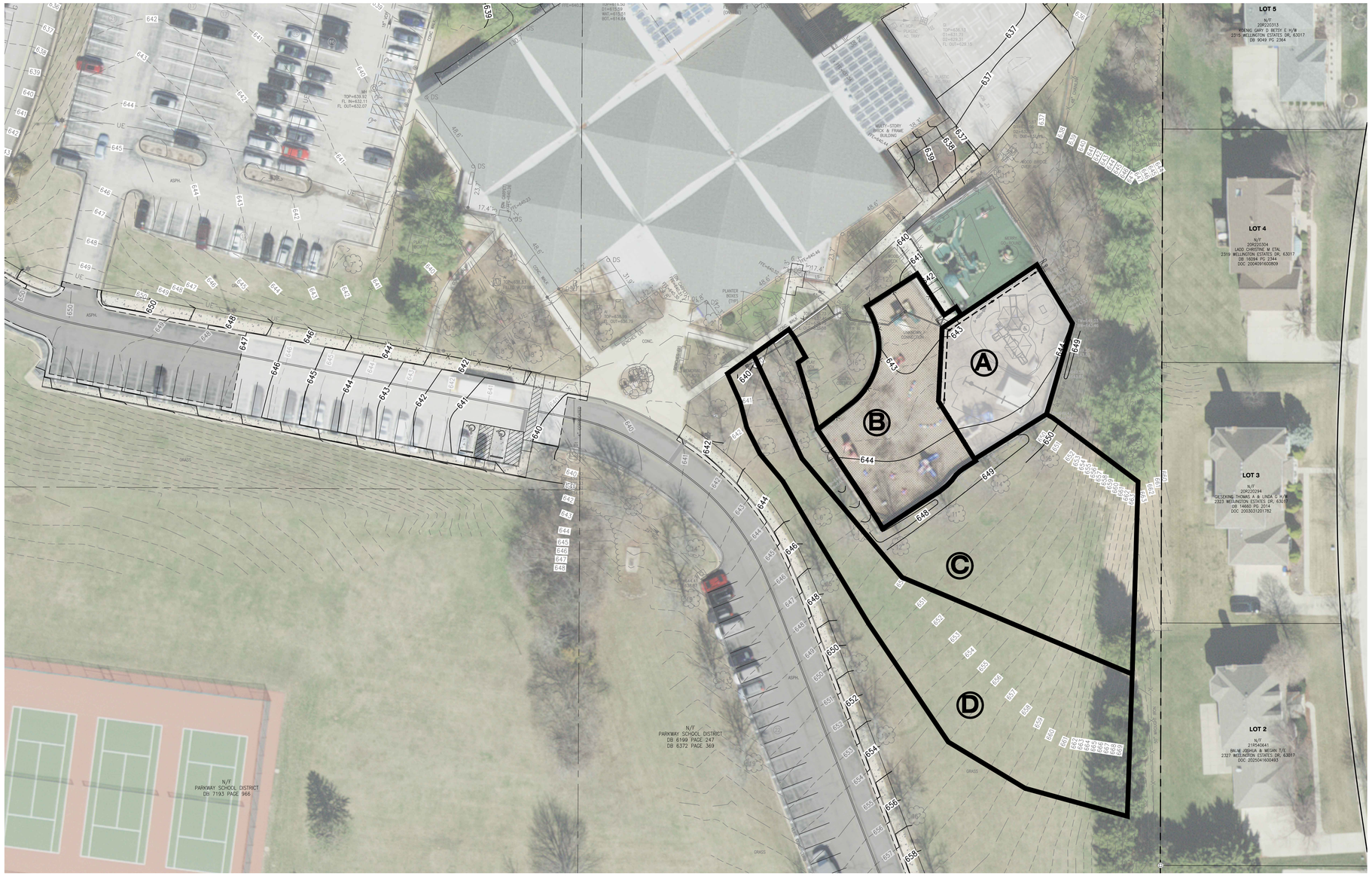
INSTALLATION / CONSTRUCTION PROCEDURES

- ✓ Install upstream BMPs to protect area to be mulched
- ✓ Rough grade area and remove all debris larger than 1 inch if area is to be vegetated and mowed in the future, larger than 2 inches if area is to be permanently mulched
- ✓ If area is to be seeded, follow requirements of Seeding BMP.
- ✓ Spread mulch and anchor by punching it into the ground, using netting, peg and twine, or tacking with liquid binder
- ✓ For additional information see Section 802 of St. Louis County's Standard Specifications for Road and Bridge Construction.

O&M PROCEDURES

- ✓ Inspect every week and after every storm until adequate vegetation is established; annually for permanent mulch.
- ✓ Protect from vehicular and foot traffic.
- ✓ Repair damaged, degraded or eroded areas - reseed as needed and replace mulch.

**SITE CONDITION


LOT 5
N/F
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PDENG GARY D BETSY E H/W
2315 WELLINGTON ESTATES DR, 63017
DB 9049 PG 2364
LOT 4
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20R220304
LADD CHRISTINE M ETAL
2319 WELLINGTON ESTATES DR, 63017
DB 16094 PG 2344
DOC 200409160809
LOT 3
N/F
20R220294
GIESEKING THOMAS A & LINDA C H/W
2323 WELLINGTON ESTATES DR, 63017
DB 14660 PG 2014
DOC 200303120178Z
LOT 2
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21R540641
BAUM JOSHUA & MEGAN T/E
2327 WELLINGTON ESTATES DR, 63017
DOC: 202504160483
N/F
PARKWAY SCHOOL DISTRICT
DB 6199 PAGE 247
DB 6372 PAGE 369
N/F
PARKWAY SCHOOL DISTRICT
DB 7193 PAGE 966
A
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FFE=639.74
FFE=639.72
FFE=639.70
FFE=639.68
FFE=639.66
FFE=639.64
FFE=639.62

PRE DEVELOPED CONDITIONS (1.67 AC)

PERVIOUS AREA = 0.54 AC.
x PI=1.70 (15 YR)
TOTAL PERVIOUS AREA CFS = 0.92 CFS

IMPERVIOUS AREA = 1.13 AC.
x PI=3.54 (15 YR)
TOTAL IMPERVIOUS AREA CFS = 4.00 CFS

TOTAL = 4.92 CFS

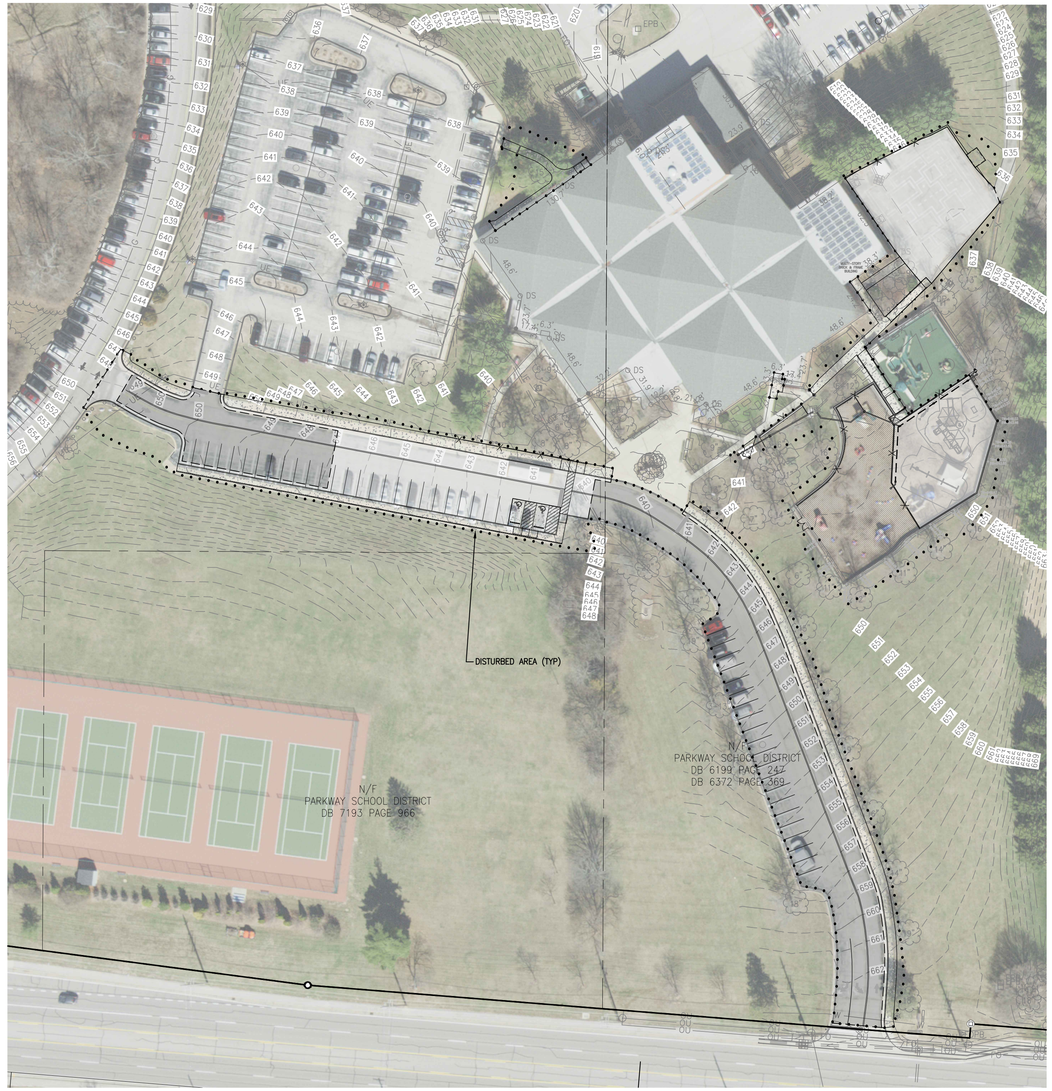


POST DEVELOPED CONDITIONS (1.67 AC)

PERVIOUS AREA = 0.43 AC.
x PI=1.70 (15 YR)
TOTAL PERVIOUS AREA CFS = 0.73 CFS

IMPERVIOUS AREA = 1.24 AC.
x PI=3.54 (15 YR)
TOTAL IMPERVIOUS AREA CFS = 4.39 CFS

TOTAL = 5.12 CFS



50' 0' 50' 100'
SCALE: 1" = 50'

DIFFERENTIAL RUNOFF CALCULATIONS (15YR)

PRE DEVELOPED CONDITIONS	4.92 CFS
POST DEVELOPED CONDITIONS	5.12 CFS
DIFFERENTIAL RUNOFF RATE	+0.20 CFS

IMPERVIOUS AREA INCREASE = 0.11 ACRES
DISTURBED AREA = 1.67 ACRES

STORMWATER MANAGEMENT NOTE:

LAND AREA DISTURBED = ±1.67 ACRES

NOTES:

1. ANY FUTURE LAND DISTURBANCE AND/OR INCREASE IN IMPERVIOUS AREA ON THIS SITE MAY REQUIRE ADDITIONAL STORM WATER MANAGEMENT PER MSD REGULATIONS IN PLACE AT THAT TIME.

THIS SHEET IS FOR DRAINAGE CALCULATION PURPOSES ONLY AND NOT TO BE USED AS CONSTRUCTION PLANS

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Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
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314.415.6231 tel

Project No: 26023

Revisions

Description	Date

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STATE OF MISSOURI
STANLEY EARL FOWLER JR.
NUMBER PE-2020000037
PROFESSIONAL ENGINEER
11/02/2026

CIVIL ENGINEERS
CORPORATE ENGINEERING CERTIFICATE #001165

STANLEY EARL FOWLER, JR.
CIVIL ENGINEER
PE NO: PE-2020000037

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DATE: 11/05/2026

BID/PERMIT SET

PRE-POST DRAINAGE AREA MAP

C11.0

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SCALE: 1 1/2" = 1'-0" 2 1 0.5 0

SCALE: 1" = 1'-0" 2 1 0.5 0

SCALE: 3/4" = 1'-0" 3 2 1 0

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

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

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

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

STANDARD ABBREVIATIONS

&	And
@	At
ABV	Above
ACT	Acoustic Ceiling Tile
ADA	Amencan with Disabilities Act
ADJ	Adjacent
AFF	Above Finish Floor
ALUM	Aluminum
APROX	Approximate
BLDG	Building
BLK	Block
BLKG	Blocking
BM	Beam
BO	Bottom Of
CAB	Cabinetry
CB	Chalk Board
CJ	Construction/Control Joint
CL	Center Line
CLG	Ceiling
CLR	Clear
CMU	Concrete Masonry Unit
CO	Clean Out
COL	Column
CONC	Concrete
CONST	Construction
CONT	Continuous
CPT	Carpet
CPCI	Contractor Provided Contractor Installed
CPOI	Contractor Provided Owner Installed
CSDO	Cased Opening
CT	Ceramic Tile
DF	Drinking Fountain
DIA	Diameter
DR	Door
DS	Downspout
DTL	Detail
DWG	Drawing
EJ	Expansion Joint
EL	Elevation
ELEC	Electrical
ELEV	Elevator
EQ	Equal
EQIV	Equivalent
EWC	Electric Water Cooler
EXIST	Existing
EXP	Exposed
EXT	Exterior
FD	Floor Drain
FEC	Fire Extinguisher Cabinet
FIN	Finish
FLR	Floor
FO	Face Of
FT	Feet
FRT	Fire Retardant Treated
FTG	Footing
GC	General Contractor
GFI	Ground Fault Interrupter
GYP	Gypsum Board
HDR	Header
HM	Hollow Metal
HORZ	Horizontal
HR	Hour
HVAC	Heating Ventilating and Air Conditioning
ID	Inside Diameter
INSUL	Insulation
INT	Interior
JAN	Janitor
LAV	Lavatory (Sink)
MB	Marker Board
MDF	Medium Density Fiberboard
MECH	Mechanical
MFR	Manufacturer
MIN	Minimum
MISC	Miscellaneous
MO	Masonry Opening
MTL	Metal
NIC	Not In Contract
NTS	Not To Scale
OC	On Center
OD	Outside Diameter
OH	Opposite Hand
OPCI	Owner Provided Contractor Installed
OPNG	Opening
OPP	Opposite
OPOI	Owner Provided Owner Installed
OSB	Oriented Strand Board
PL	Plate
PLAM	Plastic Laminate
PLAS	Plaster
PLUM	Plumbing
PLYWD	Plywood
PNT	Paint
PRLAM	Parallam
PT	Porcelain Tile
PVC	Polyvinyl Chloride
QT	Quarry Tile
QTY	Quantity
R	Riser
RB	Rubber Base
RD	Roof Drain
REINF	Reinforcing
REQD	Required
RM	Room
RO	Rough Opening
SC	Solid Core
SECT	Section
SHT	Sheet
SIM	Similar
SPEC	Specification
SSTL	Stainless Steel
STD	Standard
STL	Steel
STOR	Storage
STRUC	Structural
SV	Sheet Vinyl
T	Tread
TB	Tack Board
TNG	Tongue & Groove
TO	Top Of
TYP	Typical
UNO	Unless Noted Otherwise
VB	Vinyl Base
VCT	Vinyl Composition Tile
VERT	Vertical
VIF	Verify In Field
VWC	Vinyl Wall Covering
w/	With
w/o	Without
WC	Water Closet (Toilet)
WD	Wood
WDW	Window
WPR	Waterproofing
WWF	Welded Wire Fabric

GENERAL NOTES

1. VERIFY AND COORDINATE ALL DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING AND START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED, IN WRITING, FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
2. IF DISCREPANCIES ARE FOUND WITHIN CONTRACT DOCUMENTS AND PROJECT MANUAL, OR IN THE CASE OF CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE MOST DEMANDING AND/OR COST INTENSIVE REQUIREMENT SHALL TAKE PRECEDENCE UNLESS OTHERWISE AGREED BY THE ARCHITECT IN WRITING. NOTIFY THE ARCHITECT & GENERAL CONTRACTOR OF ANY CONFLICT AND GET CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING WITH THE WORK.
3. DO NOT SCALE DRAWINGS. RELY ON WRITTEN DIMENSIONS GIVEN. NOTIFY THE ARCHITECT FOR CLARIFICATIONS. ALL DIMENSIONS SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OF THE WORK OF ALL TRADES. IF DISCREPANCIES ARE FOUND, NOTIFY THE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK.
4. VERIFY ALL COLUMN COORDINATES AND CHECK AGAINST DIMENSIONS SHOWN ON PLANS AND DETAILS.
5. IN THE CASE OF CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, NOTIFY THE ARCHITECT IN WRITING. NOTIFY THE CONSTRUCTION MANAGER/GENERAL CONTRACTOR OF ANY CONFLICT AND GET CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING WITH THE WORK.
6. ABBREVIATIONS THROUGHOUT THE PLANS ARE THOSE IN COMMON USE. NOTIFY THE ARCHITECT OF ANY ABBREVIATIONS IN QUESTION.
7. DIMENSIONS SHOWN ON FLOOR PLANS, SECTIONS, ELEVATIONS, AND DETAILS ARE TO FINISH FACE OF PARTITIONS, MASONRY, OR COLUMN GRID LINES, UNLESS OTHERWISE NOTED.
8. COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO: STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSULATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES,CEILING SYSTEMS, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND MAINTAIN THE FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR INDICATED IN THE DRAWINGS AND THE FINISH SCHEDULE. (CEILING HEIGHT DIMENSIONS ARE TO THE FINISH SURFACE OF CEILING).
9. PROVIDE AND INSTALL ACCESS PANELS WHERE SHOWN ON THE REFLECTED CEILING PLANS AND AS REQUIRED BY BUILDING CODE OR FOR THE PROPER OPERATION OR MAINTENANCE OF MECHANICAL OR ELECTRICAL EQUIPMENT, WHETHER OR NOT INDICATED ON THE DRAWINGS. COORDINATE SIZE, LOCATION, AND TYPE OF ACCESS PANEL WITH OTHER WORK AND RECEIVE APPROVAL OF THE ARCHITECT. ACCESS PANEL SHALL BE AS SPECIFIED.
10. WHERE ADJOINING ROOMS HAVE DIFFERENT TYPES OF FLOORING OR SIMILAR FLOORING OF DIFFERENT COLORS, MAKE TRANSITION UNDER CENTER LINE OF DOOR LEAF UNLESS NOTED OTHERWISE.
11. ROOM FINISHES SHOWN IN THE FINISH SCHEDULE SHALL APPLY TO ALL ALCOVES, FREESTANDING COLUMNS, OR OTHER ANCILLARY SPACES ADJOINING THE SCHEDULED ROOM UNLESS OTHERWISE NOTED.
12. ALL EXPANSION JOINTS IN THE FINISHED AREA EXPOSED TO VIEW SHALL BE COVERED WITH EXPANSION JOINT COVERS APPROPRIATE FOR THE FINISHED SURFACE, WHETHER FLOOR, CEILING, WALL, OR JUNCTIONS THEREOF.
13. FOR ALL METAL STUD PARTITIONS, INSTALL DOUBLE STUDS (MIN) AT DOOR FRAME JAMBS. INSTALL STUD TRACKS AT EACH SIDE OF OPENING, AT FRAME HEAD HEIGHT AND BETWEEN STUDS AND ADJACENT STUDS.
14. INSTALL ALL WORK PLUMB, LEVEL, TRUE, SQUARE, STRAIGHT AND IN PROPER ALIGNMENT WITH NO DISTORTIONS, PROVIDE SHIMS AS REQUIRED.
15. PROVIDE AND INSTALL CORNER BEADS, EDGE TRIM, JOINT MATERIALS AND FASTENERS TO ENSURE PROPER INSTALLATION OF GYPSUM WALL BOARD. PLACE CORNER BEADS AT EXTERNAL CORNERS. PLACE TAPED EDGE TRIM WHERE GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.
16. INTERIOR METAL STUD PARTITIONS SHALL BE FACED WITH 5/8 INCH TYPE X GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
17. PROVIDE LATERAL BRACING OF INTERIOR PARTITIONS THAT DO NOT EXTEND TO DECK ABOVE AS REQUIRED TO MEET LOCAL REQUIREMENTS FOR SEISMIC BRACING, UNO.
18. INSTALLATION OF SUSPENDED CEILING SYSTEMS SHALL MEET LOCAL CODE REQUIREMENTS FOR SEISMIC BRACING.
19. WHERE INDICATED ON THE DRAWINGS, PROVIDE ACOUSTIC BLANKETS IN PARTITIONS TIGHT WITHIN SPACE, AROUND CUT OPENINGS, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS WITHIN OR BEHIND PARTITIONS, AND TIGHT TO ITEMS PASSING THROUGH PARTITIONS.
20. ALL STAIRS AND SHAFTS TO BE RATED 1HR UNLESS NOTED OTHERWISE. SEAL ALL PENETRATIONS PER UL STANDARD ASSEMBLIES OR EQUAL BY APPROVED AGENCY
21. ALL CONCEALED WOOD (PLYWOOD SHEATHING, BLOCKING, ETC.) TO BE FIRE TREATED.
22. PROVIDE FIRE TREATED 2 INCH X 6 INCH NOMINAL WOOD BLOCKING OR EQUIVALENT METAL STRAPPING RUNNING CONTINUOUSLY BETWEEN STUDS FOR ALL WALL HUNG EQUIPMENT OR OTHER ITEMS ATTACHED TO GYPSUM WALL BOARD PARTITIONS.
23. WHERE FIRE EXTINGUISHER CABINETS AND OTHER EQUIPMENT ARE RECESSED IN FIRE RATED PARTITIONS, MODIFY PARTITIONS AS REQUIRED TO PROVIDE CONTINUOUS ENCLOSURE TO ENSURE UNINTERRUPTED FIRE RATING.
24. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
25. PROVIDE FIRE SAFING INSULATION PER UL LISTED REQ'D AT ALL PIPE, DUCT, ELECTRICAL, ETC., PENETRATIONS THROUGH CONCRETE FLOOR SLABS AND AT FIRE AND SMOKE WALLS.
26. ALL DUCT PENETRATIONS THROUGH PARTITIONS AND CEILING SHALL BE PROVIDED WITH NECESSARY FRAMES AND BRACING AROUND THE OPENING AND SHALL BE PROVIDED WITH AUTOMATIC FIRE DAMPERS AS REQUIRED BY THE BUILDING DEPARTMENT FOR FIRE-RATED PARTITIONS.
27. ALL EXPOSED STEEL ANGLES, PLATES, ETC., SHALL BE GALVANIZED FOR CORROSION RESISTANCE UNLESS NOTED OTHERWISE.
28. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN TYPICAL ELEVATION MOUNTING HEIGHTS/LOCATIONS AND MANUFACTURER'S RECOMMENDATIONS FOR ADA COMPLIANCE PRIOR TO INSTALLATION.
29. CONTRACTOR TO RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT AN OFF-SITE FACILITY. CONTRACTOR TO CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIAL AND DEBRIS THAT HAVE BLOWN OR WASHED OFF-SITE.
30. SEE CODE PLANS FOR FEC AND FE LOCATIONS, RATED PARTITIONS
31. ALIGN FINISH FACE OF NEW PARTITION WITH FINISH FACE OF FURRED OUT PARTITION, UON.
32. CONTRACTOR TO VERIFY FLOOR FLATNESS AFTER DEMO AND PARTITIONS AND STOREFRONTS ARE MARKED ON FLOOR. IF FLOOR IS OUT OF FLATNESS BY MORE THAN SPECIFIED IN 03 30 00, APPLY HYDRAULIC CEMENT UNDERLAYMENT SPECIFIED IN 03 54 16 TO CORRECT FLOOR PRIOR TO CONSTRUCTION OF ALL PARTITIONS AND STOREFRONTS. PROVIDE UNIT COST.
33. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY PROTECTION, FENCING AND PARTITIONS AS NECESSARY
34. IF HAZARDOUS MATERIAL IS ENCOUNTERED NOTIFY ARCHITECT & OWNER IMMEDIATELY.
35. UNLESS SPECIFICALLY INDICATED OTHERWISE, THE SAME WALL TYPE NEXT TO A DOOR OR OPENING SHALL CONTINUE OVER THE DOOR, OPENING OR STOREFRONT.
36. IN THE ABSENCE OF A WRITTEN DIMENSION, OR IN CASE OF DOUBT AS TO THE PROPER MEASUREMENT, CONSULT THE ARCHITECT FOR CLARIFICATION.
37. TYPICAL DETAILS THROUGHOUT THE DRAWING SET SHALL APPLY FOR ALL APPLICABLE CONDITIONS EVEN IF NOT SPECIFICALLY SHOWN OR REFERENCED.
38. UNLESS SPECIFICALLY NOTED OTHERWISE, ENCLOSE ALL VERTICAL MECHANICAL PIPES, RAIN LEADERS, ETC. WITH 4" CMU OR GYPSUM BOARD TO MATCH SURROUNDING FINISHES.
39. PROVIDE CONTINUOUS CONTROL JOINT IN EXTERIOR CLADDING MATERIAL AT CONDITIONS WHERE STRUCTURAL WALL BACK UP CHANGES CONSTRUCTION TYPE.

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Parkway PN #652501B
Building Renovation and Site Improvements

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314.415.6231 tel

Project No: 26023

Revisions

Description	Date

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A-2021031961
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11/5/26

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DATE: 11/05/2026

BID/PERMIT SET

GENERAL NOTES & SYMBOLS

A0.5

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

GENERAL DEMOLITION NOTES

1. THE SCOPE OF DEMOLITION WORK IS NOT LIMITED EXCLUSIVELY TO THE WORK INDICATED ON THE DEMOLITION SHEETS. THE CONSTRUCTION DOCUMENTS ARE PROVIDED AS A GENERAL GUIDE FOR DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL DEMOLITION THAT MAY BE REQUIRED FOR DEMOLITION AND PROPER INSTALLATION OF NEW WORK PRIOR TO BID. REFER TO ALL CONSTRUCTION DOCUMENTS FOR ADDITIONAL DEMOLITION INFORMATION AND COORDINATION.
2. ALL EXISTING PIPING, DUCTS, ETC THAT HAVE BEEN ABANDONED ARE TO BE REMOVED. ABANDONED PIPING BELOW CONCRETE SLABS ON GRADE ARE TO BE CAPPED BELOW FLOOR LEVEL. COORDINATE WITH MEP.
3. REMOVE ALL WALL MOUNTED ACCESSORIES, HANGERS, WIRE MOLD & HARDWARE. SALVAGE ACCESSORIES FOR POSSIBLE REUSE.
4. OWNER TO HAVE SALVAGE RIGHTS ON ALL ITEMS WHETHER NOTED ON THE PLANS OR NOT. GENERAL CONTRACTOR TO DISPOSE OF ALL ITEMS NOT REUSED IN THE PROPOSED WORK.
5. COORDINATE DEMOLITION WORK WITH THE NEW CONSTRUCTION SHOWN IN THE DRAWINGS. DUE CARE IS TO BE TAKEN TO AVOID UNDUE DAMAGE TO ADJACENT AREAS, OCCUPIED AND UNOCCUPIED. ADJACENT SURFACES DAMAGED DUE TO DEMOLITION SHALL BE REPAIRED IN ORDER TO ACHIEVE A SEAMLESS APPEARANCE.
6. WHEREVER DEMOLITION OCCURS, THE REMAINING FLOOR, WALLS, AND CEILINGS ARE TO BE PATCHED TO MATCH THE ADJACENT WITH CONTINUOUS SURFACE MATERIAL, TEXTURE, COLOR & FINISH.
7. AREAS IMMEDIATELY ADJACENT TO THE AREA OF THIS WORK MAY BE OCCUPIED BY THE OWNER DURING THE DEMOLITION AND NEW CONSTRUCTION WORK. CONTRACTOR SHALL PROVIDE PROTECTIONS FOR OWNER'S PERSONNEL AND ALL OTHER USERS OF THE SURROUNDING AREAS. CONTRACTOR SHALL PROVIDE PROTECTION FROM THE SPREAD OF DUST AND DIRT DURING THE ENTIRE DEMOLITION AND NEW CONSTRUCTION PERIOD.
8. UNLESS NOTED OTHERWISE, ALL PARTITIONS INDICATED FOR REMOVAL SHALL BE REMOVED TO THE UNDERSIDE OF STRUCTURE ABOVE.
9. IF HAZARDOUS MATERIALS ARE ENCOUNTERED THE ARCHITECT & OWNER ARE TO BE NOTIFIED IMMEDIATELY.
10. CONTRACTOR TO VERIFY EXISTING CONDITION OF ALL ITEMS TO BE DEMOLISHED IN THE FIELD.
11. PATCH/REPAIR ALL AREAS DAMAGED DURING SELECTIVE DEMOLITION.
12. PROVIDE TEMPORARY SHORING AT ALL CEILINGS/WALLS WHERE DEMOLITION MAY COMPROMISE THE STABILITY AND/OR STRUCTURAL INTEGRITY OF THE SYSTEM.
13. MINIMIZE DEMOLITION OF SLAB TO AREAS DESIGNATED IN PLUMBING DEMOLITION AND NEW PLUMBING PLANS
14. SALVAGE EXISTING NON-DEFECTIVE BRICK MATERIALS REMOVED DURING DEMOLITION FOR REUSE AT AREAS TO BE INFILLED.
15. CONTRACTOR TO COORDINATE REMOVAL OF ALL EQUIPMENT AND FURNITURE WITH OWNER PRIOR TO START OF DEMOLITION.
16. REMOVE AND STORE ALL FIRE EXTINGUISHERS, WHICH HAVE NOT EXPIRED, FOR REUSE.
17. ALL SPRINKLER PIPE & HEADS TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION, PROTECT AS REQUIRED UNLESS NOTED OTHERWISE.
18. REMOVE EXISTING WALL BASE, UNLESS NOTED OTHERWISE.
19. REMOVE ALL EXISTING FLOOR COVERINGS UNLESS NOTED OTHERWISE.
20. CONTRACTOR TO COORDINATE REMOVAL OF ALL EQUIPMENT AND FURNITURE WITH OWNER PRIOR TO START OF DEMOLITION.
21. WHERE DOOR(S) INDICATED TO BE REMOVED, REMOVE FRAME(S) AND ALL ASSOCIATED HARDWARE, UNLESS NOTED OTHERWISE.
22. WHERE WINDOWS(S) INDICATED TO BE REMOVED, REMOVE FRAME(S) AND ALL ASSOCIATED HARDWARE, UNLESS NOTED OTHERWISE.
23. CONTRACTOR TO VERIFY WALL CONSTRUCTION OF ALL WALLS RELATED TO WORK.
24. AFTER CEILING FINISH HAS BEEN REMOVED, CONTRACTOR TO IDENTIFY MEP/S SYSTEMS TO BE REMOVED FOR ONSITE REVIEW WITH ARCHITECT & ENGINEERS
25. SALVAGE AND RELOCATE DONATED FURNITURE, PLAQUES, SIGNS, ETC. COORDINATE WITH OWNER.
26. CONSTRUCT NEW PARTITIONS TIGHT TO EXISTING STRUCTURE, UON.
27. CONTRACTOR TO COORDINATE REMOVAL OF ALL EQUIPMENT AND FURNITURE WITH OWNER PRIOR TO START OF DEMOLITION.
28. EXISTING BLOCKING UNCOVERED THROUGH DEMOLITION TO BE REPLACED WITH FRT BLOCKING - SEE SPECIFICATIONS.
29. REPLACE ALL EXISTING FIREPROOFING WHERE DISTURBED W/ EQUIVALENT MATERIAL & RATING.
30. RELOCATE CONTROLS (ELEVATOR CALL BUTTON, ETC), DEVICES, AND OUTLETS NOT DEMO'D TO THE FINISH FACE OF NEW PARTITION.
31. WHERE EXISTING WALLS MUST BE CUT FOR NEW WORK, WALLS ARE TO BE PATCHED AND PAINTED TO MATCH EXISTING CONDITIONS. PAINT ENTIRE WALL/CEILING TO NEAREST CORNER.
32. ANY EXISTING MATERIALS DAMAGED BY WORK SHOULD BE REPAIRED TO MATCH EXISTING.
33. PATCH AND REPAIR WALLS, FLOORS, CEILINGS WHERE DEVICES WERE REMOVED.

ELEVATION SYMBOL LEGEND

- WINDOW TYPE
- DOOR NUMBER
- REFER TO KEYNOTE LEGEND
- CONCRETE MASONRY
- BRICK MASONRY
- METAL PANELS
- PRECAST STONE

PLAN SYMBOLS LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONSTRUCTION

ROOF SYMBOLS LEGEND

- EXISTING MECHANICAL UNIT
- NEW MECHANICAL UNIT
- ROOF DRAIN
- SPLASH PAN
- GAS VENT

SYMBOL LEGEND

- SECTION NUMBER / SHEET NAME
- ELEVATION NUMBER / SHEET NAME
- REVISION CLOUD & NUMBER
- BREAKLINE
- PLAN MATCHLINE
- OUTLINE OF HIDDEN OBJECTS, NIC ITEMS, REMOVED MATERIALS
- CENTER LINE OR FLOOR LINE
- COLUMN GRID LINE
- TRUE NORTH
- ROOM TAG
- DOOR TAG
- WINDOW TAG
- KEYNOTE
- CEILING HEIGHT TAG
- WALL PARTITION TYPE
- ELEVATION

NOTE TO CONTRACTOR:
ABATEMENT AND HAZARDOUS MATERIALS NOTED IN THESE DOCUMENTS HAVE BEEN PROVIDED BY PARKWAY SCHOOL DISTRICT'S ABATEMENT RECORDS PLANS AND DOCUMENTS. CONTRACTOR TO REVIEW ALL HAZRDOUS MATERIALS DOCUMENTS PRIOR TO THE START OF CONSTRUCTION. NOTIFY OWNER IF ANY ADDITIONAL HAZARDOUS MATERIALS ARE FOUND, OWNER'S CONSULTANT SHALL TEST, CONTAIN AND REMOVE AS REQUIRED FOR NEW WORK. BOND ARCHITECTS HAS NO JURISDICATION OVER HANDLING HAZARDOUS MATERIALS.

GENERAL ASSET PROTECTION NOTES:

1. ALL ITEMS NOTED TO BE REMOVED AND STORED SHALL BE REMOVED BY CONTRACTOR PRIOR TO BEGINNING ANY ABATEMENT WORK.
2. ALL CASEWORK IN ROOMS WITH DEMOLITION WORK TO BE PROTECTED. CONTRACTOR TO COORDINATE CASEWORK PROTECTION TO REMAIN IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT PROCESS. HORIZONTAL SURFACES SHALL BE COVERED WITH SHEET PLASTIC OVER CARDBOARD. VERTICAL SURFACES SHALL BE COVERED WITH SHEET PLASTIC.
3. CONTRACTOR TO PROTECT ALL CARPET FLOORING WITH SELF-ADHERING FILM IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT CONSTRUCTION PROCESS.
4. CONTRACTOR TO PROTECT ALL RESILIENT FLOORING WITH PLASTIC FLOOR RUNNERS TAPED OVER HARBOARD (MASONITE) IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT CONSTRUCTION PROCESS.
5. CONTRACTOR TO COORDINATE THE REMOVAL, STORAGE, & REINSTALLATION OF ALL REMAINING FURNITURE & ITEMS NOT AFFIXED TO BUILDING DURING CONSTRUCTION.
6. ALL BUILT-IN SHELVING IN CLOSET SPACES TO REMAIN. REQUIRES SHEET PLASTIC PROTECTION THROUGH ALL PHASES OF CONSTRUCTION.
7. REMOVAL AND STORAGE OF INTERACTIVE WHITE BOARDS BY OWNER'S SUPPLIER:
8. AT ANY ROOM REQUIRING ACT CEILING REMOVAL: REMOVE, SALVAGE, AND STORE CEILING TILES & LIMITED CROSS TEE'S. CONSOLIDATE ALL UNDAMAGED EXISTING TILES INTO CLASSROOMS AND REINSTALL PANELS AND CROSS TEES. PROVIDE NEW CEILING PANELS IN CORRIDORS AND REINSTALL EXISTING CROSS TEES.
9. CONTRACTOR IS RESPONSIBLE MONETARILY & FOR THE LABOR COORDINATION OF INTERACTIVE WALL-MOUNTED PROJECTORS. REMOVAL OF WALL-MOUNTED INTERACTIVE WHITE BOARD AND PROJECTOR TO BE BY PSD CERTIFIED SMART-BOARD INSTALLER - SHILLERS A/V - SEE ELECTRICAL DRAWINGS. INTERACTIVE-BOARD INSTALLER TO STORE EQUIPMENT FOR DURATION OF CONSTRUCTION.
10. CONTRACTOR TO PROTECT ALL EXISTING DOORS AND WINDOWS WITHIN WORK AREA AND ALONG WORK ACCESS PATH.

GENERAL SIGNAGE NOTES

A. ALL LABELED ROOMS TO RECEIVE SIGN OUTSIDE EACH POINT OF ENTRY, U.N.O.

B. APCO SIGNS, FULL VIEW SERIES, AS BASIS OF DESIGN. SUBSTITUTIONS TO BE APPROVED BY ARCHITECT.

C. ALL SIGNAGE TO COMPLY WITH APPLICABLE REGULATIONS, INCLUDING THE AMERICANS WITH DISABILITIES ACT AND ICC 500

D. ROOM NUMBERING TO BE VERIFIED WITH OWNER AND ARCHITECT PRIOR TO ORDERING.

E. INSTALL SIGN TYPE K1 AND K2 AT ALL EXTERIOR DOORS.

F. REFERENCE SPEC SECTION FOR ALL OTHER SIGNAGE TYPES AND REQUIREMENTS

G. SEE FLOOR PLANS FOR REQUIRED SHELTER SIGNAGE LOCATIONS.

LIGHT GAUGE METAL STUD SUPPORT

WIDTH	MAX. UNSUPPORTED HEIGHT	GAUGE	SPACING
3 5/8"	13'-7"	25	24" O.C.
3 5/8"	15'-6"	25	16" O.C.
3 5/8"	17'-1"	25	12" O.C.
3 5/8"	14'-8"	20	24" O.C.
3 5/8"	16'-9"	20	16" O.C.
3 5/8"	18'-5"	20	12" O.C.
3 5/8"	15'-11"	18	24" O.C.
3 5/8"	18'-3"	18	16" O.C.
3 5/8"	20'-1"	18	12" O.C.
3 5/8"	17'-1"	16	24" O.C.
3 5/8"	19'-6"	16	16" O.C.
3 5/8"	21'-6"	16	12" O.C.
6"	19'-2"	25	24" O.C.
6"	21'-11"	25	16" O.C.
6"	24'-2"	25	12" O.C.
6"	21'-8"	20	24" O.C.
6"	24'-9"	20	16" O.C.
6"	27'-3"	20	12" O.C.
6"	23'-9"	18	24" O.C.
6"	27'-2"	18	16" O.C.
6"	29'-11"	18	12" O.C.

NOTE:
1. METAL STUD LENGTHS BASED ON 5/8" GYP. BOARD FULL HEIGHT EACH SIDE OF STUD, 5PSF, L/240

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PARKWAY ECC - WEST CAMPUS
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Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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MICHELLE R. WELLS
NO. MICHELLE R. WELLS
A-2021031961
ARCHITECT
11/5/26

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DATE: 11/05/2026

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GENERAL NOTES & SYMBOLS

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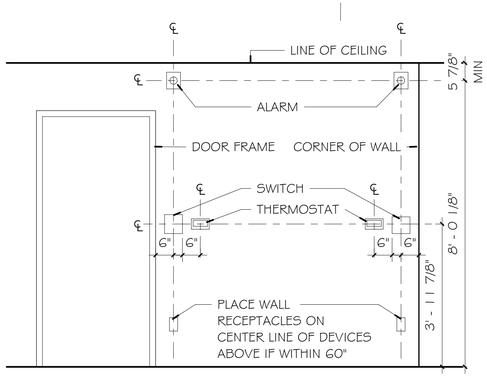


NOTES:

1. ALL DEVICES SHALL BE LOCATED AT A CORNER OR DOOR JAMB AS SHOWN. NOTIFY ARCHITECT OF ANY CONFLICTS.

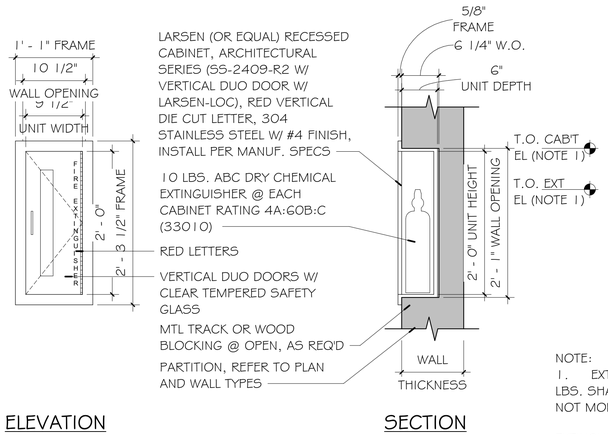
2. DEVICES NOT TO BE INSTALLED IN FEATURE WALL (GLASS, METAL, STONE, WOOD, ETC) OR CEILING.

3. ALL WALL MOUNTED DEVICE LOCATIONS SHALL BE COORDINATED BY THE GENERAL CONTRACTOR WITH ALL OTHER SUB-CONTRACTORS SO THAT THEY ARE INSTALLED IN AN ORDERLY MANNER (I.E. LIGHT SWITCHES, RECEPTACLES, FIRE ALARM DEVICES, COMMUNICATION DEVICES, THERMOSTATS, ETC.).

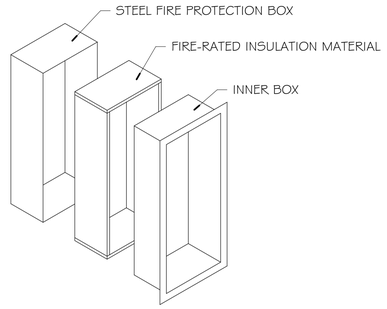
4. THE INTENT IS TO HAVE THE DEVICES THAT ARE AT DIFFERENT HEIGHTS ABOVE FINISHED FLOOR AND WITHIN 60" OF ONE ANOTHER HORIZONTALLY, BE INSTALLED ALIGNED VERTICALLY (I.E. RECEPTACLES AND LIGHT SWTICHES OR THERMOSTATS AND FIRE ALARM VISUAL DEVICES) AND THE DEVICES AT THE SAME HEIGHTS ABOVE THE FINISHED FLOOR BE INSTALLED SIDE-BY-SIDE (I.E. RECEPTACLES AND COMMUNICATION DEVICES OR LIGHT SWITCHS AND THERMOSTATS).

5. AFTER METAL STUD FRAMING INSTALLATION, THE GENERAL CONTRACTOR SHALL COORDINATE AND PHYSICALLY MARK THE LOCATION OF ALL DEVICES WITH THE VARIOUS SUB-CONTRACTORS. A PRE-INSTALLATION CONFERENCE SHALL THEN BE HELD WITH THE ARCHITECT/ENGINEER TO FIELD VERIFY DEVICE LOCATIONS.

5 AO.7 TYPICAL DEVICE LOCATION
1/2" = 1'-0"

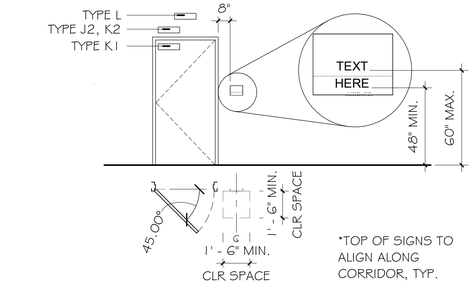


7 AO.7 TYP. FIRE EXTINGUISHER CABINET
1" = 1'-0"

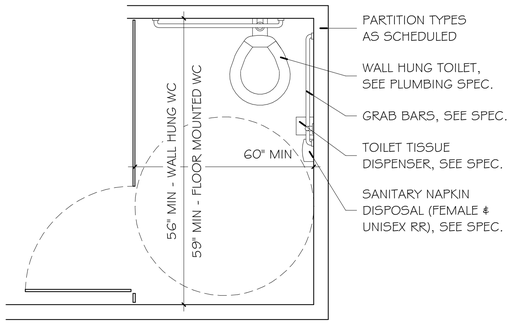


NOTE:
1. EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 LBS. SHALL BE INSTALLED SO THAT THE TOP OF THE EXTINGUISHERS IS NOT MORE THAN 5'-0" ABOVE THE FLOOR.

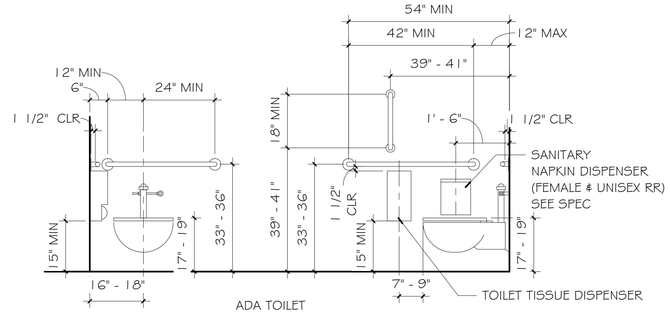
EXTINGUISHERS HAVE A GROSS WEIGHT GREATER THAN 40 LBS. SHALL BE INSTALLED SO THAT THE TOP OF THE EXTINGUISHERS IS NOT MORE THAN 3'-6" ABOVE THE FLOOR.



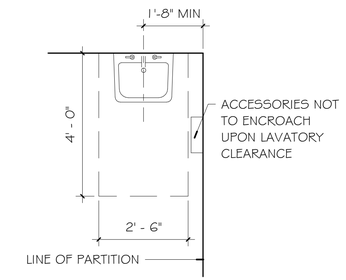
8 AO.7 SIGNAGE MOUNTING HEIGHTS
NOT TO SCALE



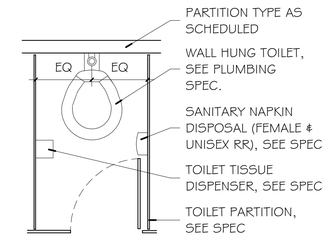
6 AO.7 ADA TYPICAL RESTROOM STALL
1/2" = 1'-0"



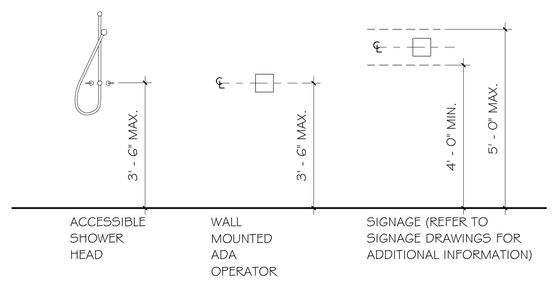
4 AO.7 ADA TYPICAL TOILET ELEVATIONS
1/2" = 1'-0"

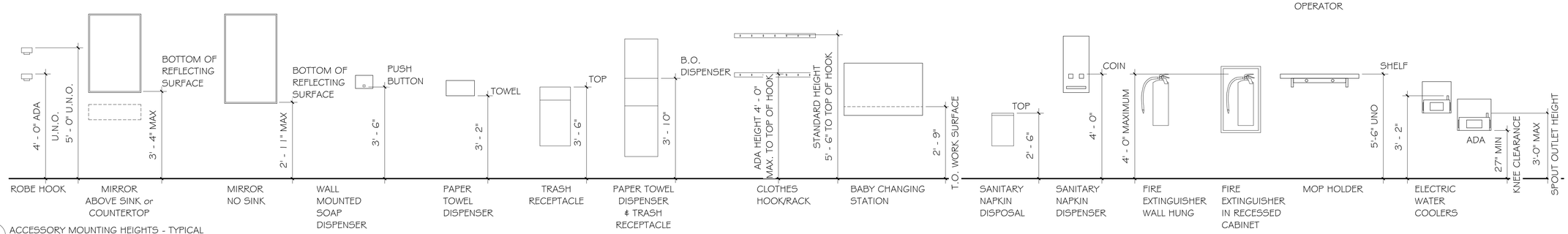


3 AO.7 TYPICAL LAVATORY CLEARANCES
1/2" = 1'-0"



2 AO.7 TYPICAL RESTROOM STALL
1/2" = 1'-0"





1 AO.7 ACCESSORY MOUNTING HEIGHTS - TYPICAL
1/2" = 1'-0"

SCALE: 3" = 1'-0" 1" 0.5" 0
SCALE: 1 1/2" = 1'-0" 2" 1" 0.5" 0
SCALE: 1" = 1'-0" 2" 1" 0.5" 0
SCALE: 3/4" = 1'-0" 3" 2" 1" 0
SCALE: 1/2" = 1'-0" 4" 2" 1" 0
SCALE: 1/4" = 1'-0" 8" 4" 2" 0
SCALE: 1/8" = 1'-0" 16" 8" 4" 0
SCALE: 1/16" = 1'-0" 32" 16" 8" 0

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Parkway PN #652501B
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Project No: 26023

Revisions

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MICHELLE R. WELLS
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A-2021031961
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11/5/26

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DATE: 11/05/2026

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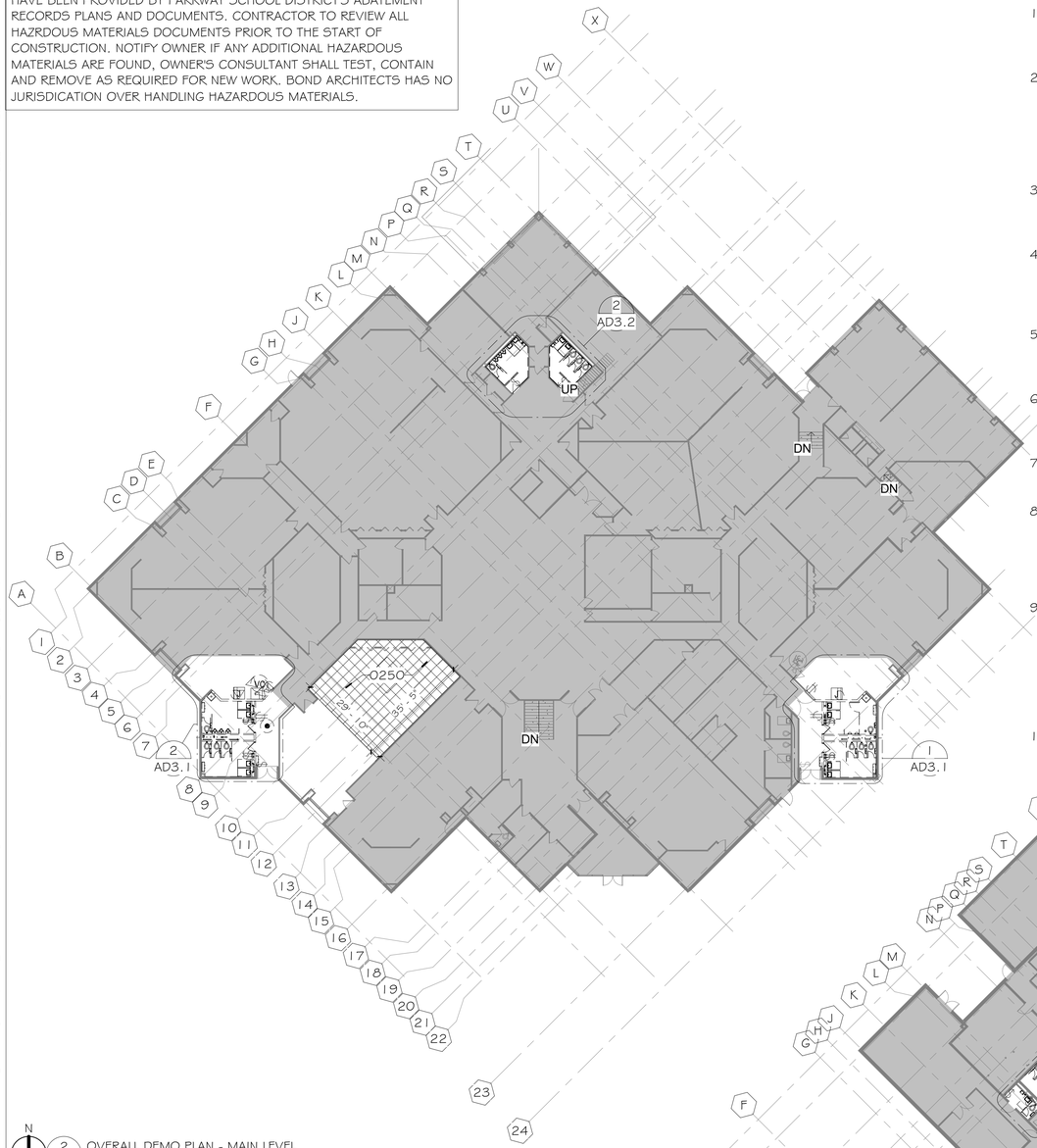
GENERAL NOTES

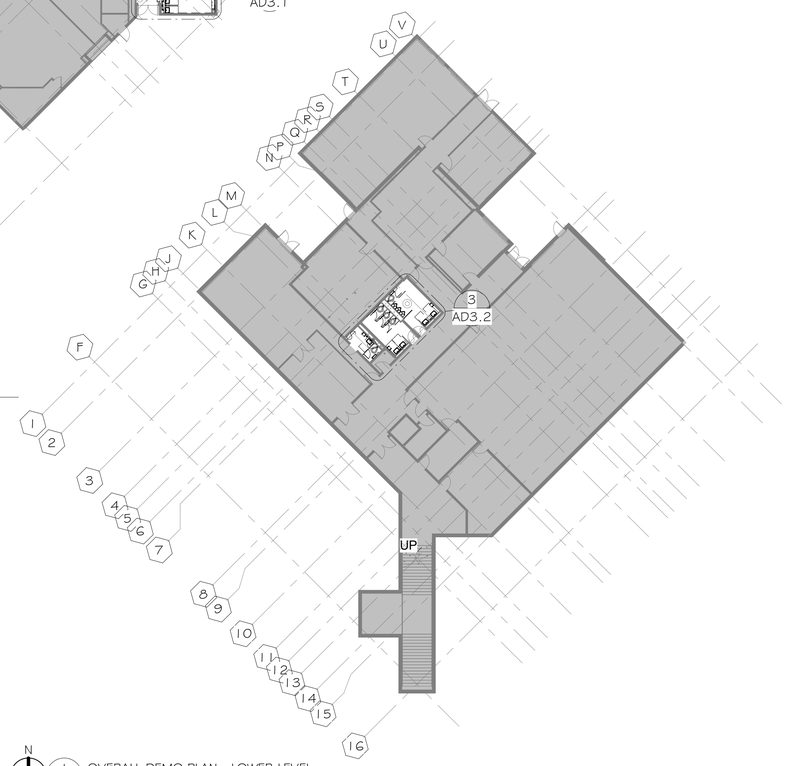
A0.7

NOTE TO CONTRACTOR:
ABATEMENT AND HAZARDOUS MATERIALS NOTED IN THESE DOCUMENTS HAVE BEEN PROVIDED BY PARKWAY SCHOOL DISTRICT'S ABATEMENT RECORDS PLANS AND DOCUMENTS. CONTRACTOR TO REVIEW ALL HAZRDOUS MATERIALS DOCUMENTS PRIOR TO THE START OF CONSTRUCTION. NOTIFY OWNER IF ANY ADDITIONAL HAZARDOUS MATERIALS ARE FOUND, OWNER'S CONSULTANT SHALL TEST, CONTAIN AND REMOVE AS REQUIRED FOR NEW WORK. BOND ARCHITECTS HAS NO JURISDICATION OVER HANDLING HAZARDOUS MATERIALS.



N
2 OVERALL DEMO PLAN - MAIN LEVEL
AD2.0 3/64" = 1'-0"

Keynote Legend	
Key Value	Keynote Text
0250	REMOVE EXISTING CARPET, BASE, AND ALL ASSOCIATED TRANSITIONS. PREPARE FLOOR FOR INSTALLATION OF NEW CARPET FINISH AT AREA SHOWN HATCHED



N
1 OVERALL DEMO PLAN - LOWER LEVEL
AD2.0 3/64" = 1'-0"

GENERAL ASSET PROTECTION NOTES:

1. ALL ITEMS NOTED TO BE REMOVED AND STORED SHALL BE REMOVED BY CONTRACTOR PRIOR TO BEGINNING ANY ABATEMENT WORK.
2. ALL CASEWORK IN ROOMS WITH DEMOLITION WORK TO BE PROTECTED. CONTRACTOR TO COORDINATE CASEWORK PROTECTION TO REMAIN IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT PROCESS. HORIZONTAL SURFACES SHALL BE COVERED WITH SHEET PLASTIC OVER CARDBOARD. VERTICAL SURFACES SHALL BE COVERED WITH SHEET PLASTIC.
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7. REMOVAL AND STORAGE OF INTERACTIVE WHITE BOARDS BY OWNER'S SUPPLIER:
8. AT ANY ROOM REQUIRING ACT CEILING REMOVAL: REMOVE, SALVAGE, AND STORE CEILING TILES & LIMITED CROSS TEE'S. CONSOLIDATE ALL UNDAMAGED EXISTING TILES INTO CLASSROOMS AND REINSTALL PANELS AND CROSS TEES. PROVIDE NEW CEILING PANELS IN CORRIDORS AND REINSTALL EXISTING CROSS TEES.
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10. CONTRACTOR TO PROTECT ALL EXISTING DOORS AND WINDOWS WITHIN WORK AREA AND ALONG WORK ACCESS PATH.

GENERAL DEMOLITION NOTES

1. THE SCOPE OF DEMOLITION WORK IS NOT LIMITED EXCLUSIVELY TO THE WORK INDICATED ON THE DEMOLITION SHEETS. THE CONSTRUCTION DOCUMENTS ARE PROVIDED AS A GENERAL GUIDE FOR DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL DEMOLITION THAT MAY BE REQUIRED FOR DEMOLITION AND PROPER INSTALLATION OF NEW WORK PRIOR TO BID. REFER TO ALL CONSTRUCTION DOCUMENTS FOR ADDITIONAL DEMOLITION INFORMATION AND COORDINATION.
2. ALL EXISTING PIPING, DUCTS, ETC THAT HAVE BEEN ABANDONED ARE TO BE REMOVED. ABANDONED PIPING BELOW CONCRETE SLABS ON GRADE ARE TO BE CAPPED BELOW FLOOR LEVEL. COORDINATE WITH MEP.
3. REMOVE ALL WALL MOUNTED ACCESSORIES, HANGERS, WIRE MOLD & HARDWARE. SALVAGE ACCESSORIES FOR POSSIBLE REUSE.
4. OWNER TO HAVE SALVAGE RIGHTS ON ALL ITEMS WHETHER NOTED ON THE PLANS OR NOT. GENERAL CONTRACTOR TO DISPOSE OF ALL ITEMS NOT REUSED IN THE PROPOSED WORK.
5. COORDINATE DEMOLITION WORK WITH THE NEW CONSTRUCTION SHOWN IN THE DRAWINGS. DUE CARE IS TO BE TAKEN TO AVOID UNDUE DAMAGE TO ADJACENT AREAS, OCCUPIED AND UNOCCUPIED. ADJACENT SURFACES DAMAGED DUE TO DEMOLITION SHALL BE REPAIRED IN ORDER TO ACHIEVE A SEAMLESS APPEARANCE.
6. WHEREVER DEMOLITION OCCURS, THE REMAINING FLOOR, WALLS, AND CEILINGS ARE TO BE PATCHED TO MATCH THE ADJACENT WITH CONTINUOUS SURFACE MATERIAL, TEXTURE, COLOR & FINISH.
7. AREAS IMMEDIATELY ADJACENT TO THE AREA OF THIS WORK MAY BE OCCUPIED BY THE OWNER DURING THE DEMOLITION AND NEW CONSTRUCTION WORK. CONTRACTOR SHALL PROVIDE PROTECTIONS FOR OWNER'S PERSONNEL AND ALL OTHER USERS OF THE SURROUNDING AREAS. CONTRACTOR SHALL PROVIDE PROTECTION FROM THE SPREAD OF DUST AND DIRT DURING THE ENTIRE DEMOLITION AND NEW CONSTRUCTION PERIOD.
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11. PATCH/REPAIR ALL AREAS DAMAGED DURING SELECTIVE DEMOLITION.
12. PROVIDE TEMPORARY SHORING AT ALL CEILINGS/WALLS WHERE DEMOLITION MAY COMPROMISE THE STABILITY AND/OR STRUCTURAL INTEGRITY OF THE SYSTEM.
13. MINIMIZE DEMOLITION OF SLAB TO AREAS DESIGNATED IN PLUMBING DEMOLITION AND NEW PLUMBING PLANS
14. SALVAGE EXISTING NON-DEFECTIVE BRICK MATERIALS REMOVED DURING DEMOLITION FOR REUSE AT AREAS TO BE INFILLED.
15. CONTRACTOR TO COORDINATE REMOVAL OF ALL EQUIPMENT AND FURNITURE WITH OWNER PRIOR TO START OF DEMOLITION.
16. REMOVE AND STORE ALL FIRE EXTINGUISHERS, WHICH HAVE NOT EXPIRED, FOR REUSE.
17. ALL SPRINKLER PIPE & HEADS TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION, PROTECT AS REQUIRED UNLESS NOTED OTHERWISE.
18. REMOVE EXISTING WALL BASE, UNLESS NOTED OTHERWISE.
19. REMOVE ALL EXISTING FLOOR COVERINGS UNLESS NOTED OTHERWISE.
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23. CONTRACTOR TO VERIFY WALL CONSTRUCTION OF ALL WALLS RELATED TO WORK.
24. AFTER CEILING FINISH HAS BEEN REMOVED, CONTRACTOR TO IDENTIFY MEP/S SYSTEMS TO BE REMOVED FOR ONSITE REVIEW WITH ARCHITECT & ENGINEERS
25. SALVAGE AND RELOCATE DONATED FURNITURE, PLAQUES, SIGNS, ETC. COORDINATE WITH OWNER.
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29. REPLACE ALL EXISTING FIREPROOFING WHERE DISTURBED W/ EQUIVALENT MATERIAL & RATING.
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31. WHERE EXISTING WALLS MUST BE CUT FOR NEW WORK, WALLS ARE TO BE PATCHED AND PAINTED TO MATCH EXISTING CONDITIONS. PAINT ENTIRE WALL/CEILING TO NEAREST CORNER.
32. ANY EXISTING MATERIALS DAMAGED BY WORK SHOULD BE REPAIRED TO MATCH EXISTING.
33. PATCH AND REPAIR WALLS, FLOORS, CEILINGS WHERE DEVICES WERE REMOVED.

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Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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MICHELLE R. WELLS
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ARCHITECT
11/5/26

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DATE: 11/05/2026

BID/PERMIT SET

OVERALL DEMO PLANS

AD2.0

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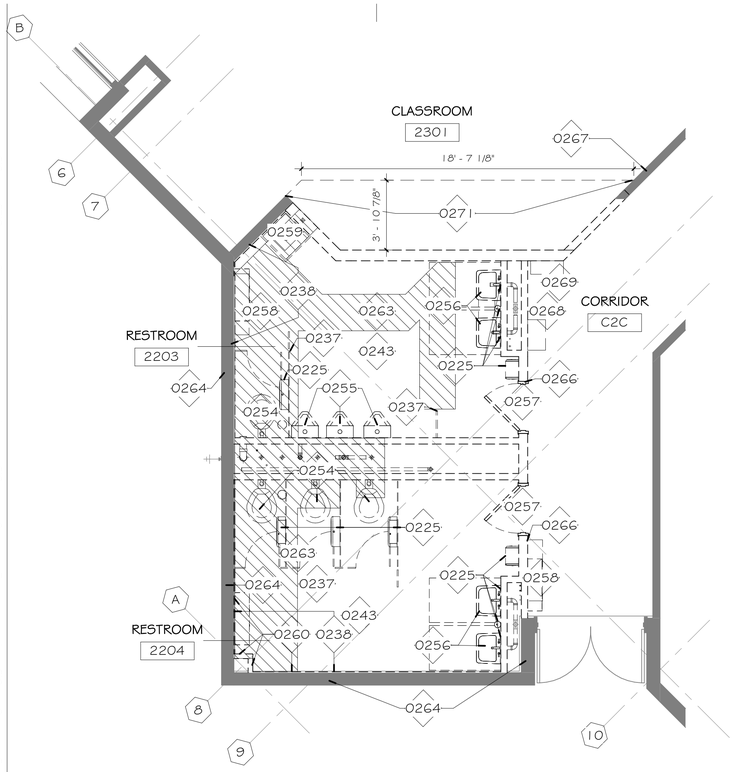
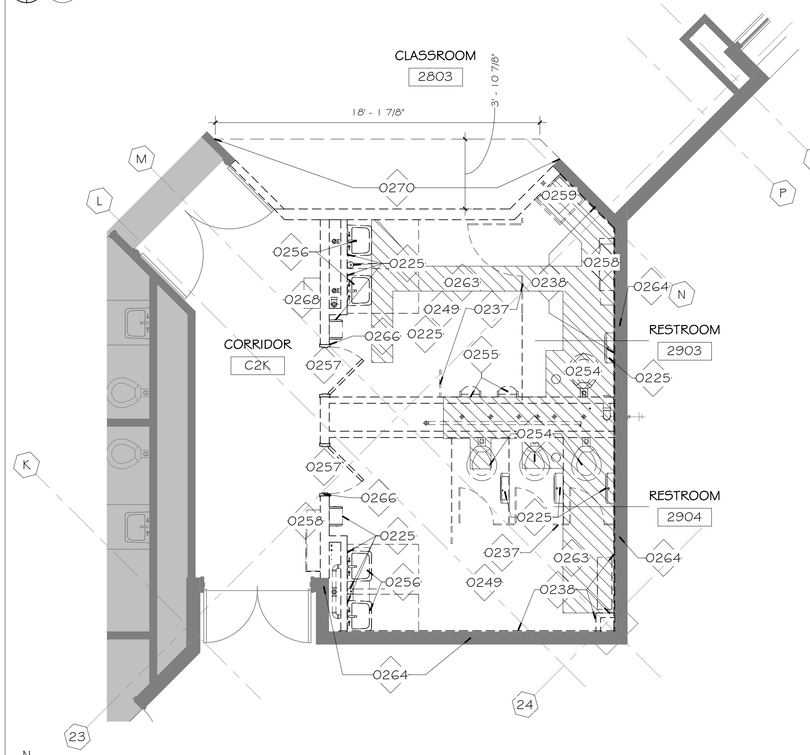


N

2 ENLARGED DEMO PLAN - RESTROOM B
AD3.1 1/4" = 1'-0"



N

1 ENLARGED DEMO PLAN - RESTROOM A
AD3.1 1/4" = 1'-0"

SCALE: 3/4" = 1'-0" 0 0.5' 1'
SCALE: 1/2" = 1'-0" 0 1' 2'
SCALE: 1/4" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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GENERAL ASSET PROTECTION NOTES:

1. ALL ITEMS NOTED TO BE REMOVED AND STORED SHALL BE REMOVED BY CONTRACTOR PRIOR TO BEGINNING ANY ABATEMENT WORK.
2. ALL CASEWORK IN ROOMS WITH DEMOLITION WORK TO BE PROTECTED. CONTRACTOR TO COORDINATE CASEWORK PROTECTION TO REMAIN IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT PROCESS. HORIZONTAL SURFACES SHALL BE COVERED WITH SHEET PLASTIC OVER CARDBOARD. VERTICAL SURFACES SHALL BE COVERED WITH SHEET PLASTIC.
3. CONTRACTOR TO PROTECT ALL CARPET FLOORING WITH SELF-ADHERING FILM IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT CONSTRUCTION PROCESS.
4. CONTRACTOR TO PROTECT ALL RESILIENT FLOORING WITH PLASTIC FLOOR RUNNERS TAPED OVER HARBOARD (MASONITE) IN ROOMS RECEIVING ASBESTOS ABATEMENT THROUGHOUT CONSTRUCTION PROCESS.
5. CONTRACTOR TO COORDINATE THE REMOVAL, STORAGE, & REINSTALLATION OF ALL REMAINING FURNITURE & ITEMS NOT AFFIXED TO BUILDING DURING CONSTRUCTION.
6. ALL BUILT-IN SHELVING IN CLOSET SPACES TO REMAIN. REQUIRES SHEET PLASTIC PROTECTION THROUGH ALL PHASES OF CONSTRUCTION.
7. REMOVAL AND STORAGE OF INTERACTIVE WHITE BOARDS BY OWNER'S SUPPLIER:
8. AT ANY ROOM REQUIRING ACT CEILING REMOVAL: REMOVE, SALVAGE, AND STORE CEILING TILES & LIMITED CROSS TEES. CONSOLIDATE ALL UNDAMAGED EXISTING TILES INTO CLASSROOMS AND REINSTALL PANELS AND CROSS TEES. PROVIDE NEW CEILING PANELS IN CORRIDORS AND REINSTALL EXISTING CROSS TEES.
9. CONTRACTOR IS RESPONSIBLE MONETARILY & FOR THE LABOR COORDINATION OF INTERACTIVE WALL-MOUNTED PROJECTORS. REMOVAL OF WALL-MOUNTED INTERACTIVE WHITE BOARD AND PROJECTOR TO BE BY P5D CERTIFIED SMART-BOARD INSTALLER - SHILLERS A/V - SEE ELECTRICAL DRAWINGS. INTERACTIVE-BOARD INSTALLER TO STORE EQUIPMENT FOR DURATION OF CONSTRUCTION.
10. CONTRACTOR TO PROTECT ALL EXISTING DOORS AND WINDOWS WITHIN WORK AREA AND ALONG WORK ACCESS PATH.

Keynote Legend

Key Value	Keynote Text
0225	REMOVE WALL MOUNTED TOILET ACCESSORIES, TYPICAL
0237	REMOVE TOILET PARTITION AND ALL HANGERS, FASTENERS, ETC.
0238	REMOVE TILE AND GYP. BD. WALL FINISH IN THEIR ENTIRETY
0243	REMOVE EXISTING VINYL FLOORING AND PREPARE FLOOR FOR INSTALLATION OF NEW FINISH
0249	GRIND EXISTING EPOXY FLOOR SURFACE AND PREPARE FOR INSTALLATION OF NEW POURED FLOOR
0254	REMOVE FLOOR MOUNTED TOILET AND ASSOCIATED PIPING AS NEEDED FOR NEW CONSTRUCTION. SEE PLUMBING DRAWINGS.
0255	REMOVE URINAL AND ALL ASSOCIATED PIPING AS NEEDED FOR NEW CONSTRUCTION. SEE PLUMBING DRAWINGS.
0256	REMOVE WALL MOUNTED LAVATORY AND ALL ASSOCIATED PIPING AS NEEDED FOR NEW CONSTRUCTION. SEE PLUMBING DRAWINGS.
0257	REMOVE DOOR, FRAME, AND ALL ASSOCIATED HARDWARE
0258	REMOVE WALL MOUNTED UNIT HEATER AND ALL ASSOCIATED PIPING. SEE MECHANICAL DRAWINGS.
0259	REMOVE MOP SINK AND ALL ASSOCIATED PIPING AS NEEDED FOR NEW CONSTRUCTION. SEE PLUMBING DRAWINGS.
0260	REMOVE FRP AND GYP. BD. WALL FINISH.
0263	EXISTING 5" THICK CONC. SLAB FLOOR TO BE SAWCUT AND DEMOLISHED FOR INSTALLATION OF NEW PIPING. APPROXIMATE AREA SHOWN HATCHED. SEE PLUMBING DRAWINGS
0264	EXISTING CAVITY WALL INSULATION TO BE REMOVED. IF ANY MOLD OR HAZARDOUS MATERIAL IS ENCOUNTERED STOP WORK IMMEDIATELY AND NOTIFY OWNER.
0266	SALVAGE EXISTING COLORED ROOM SIGNAGE AND ALL ASSOCIATED HARDWARE. STORE FOR REINSTALLATION
0267	REMOVE WALL MOUNTED SMART MONITOR AND ALL ASSOCIATED DEVICES. SALVAGE FOR REINSTALLATION
0268	EXISTING WATER FOUNTAIN AND PIPING TO BE REMOVED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
0269	SURFACE MOUNTED FIRE EXTINGUISHER CABINET TO BE REMOVED
0270	EXISTING VCT TO BE REMOVED TO EXTENTS SHOWN DASHED. PREPARE CONC. SLAB FOR INSTALLATION OF NEW FLOOR FINISH.
0271	EXISTING CARPET TILE TO BE REMOVED TO EXTENTS SHOWN DASHED. PREPARE CONC. SLAB FOR INSTALLATION OF NEW FLOOR FINISH

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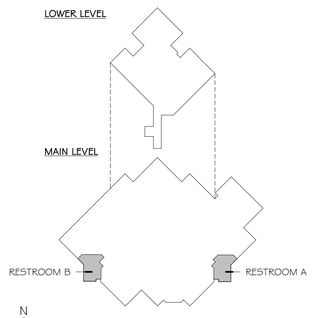

KEY PLAN - RESTROOMS A & B
1" = 100'-0"

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Project No: 26023

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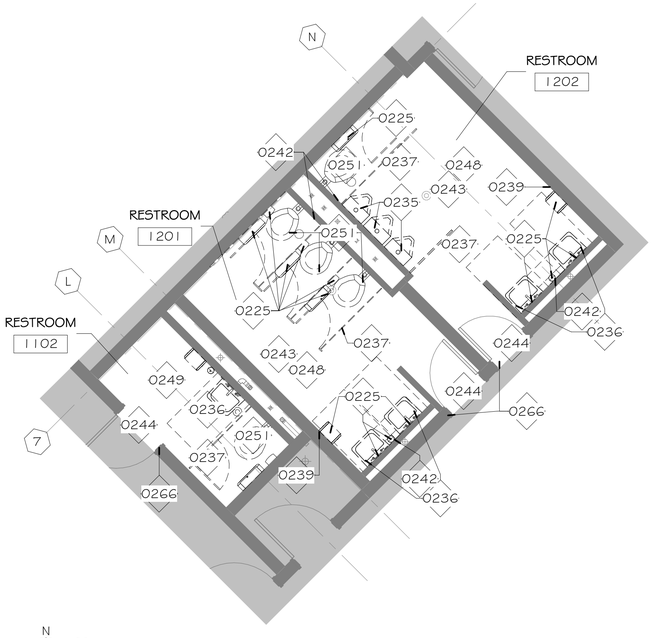
DATE: 11/05/2026

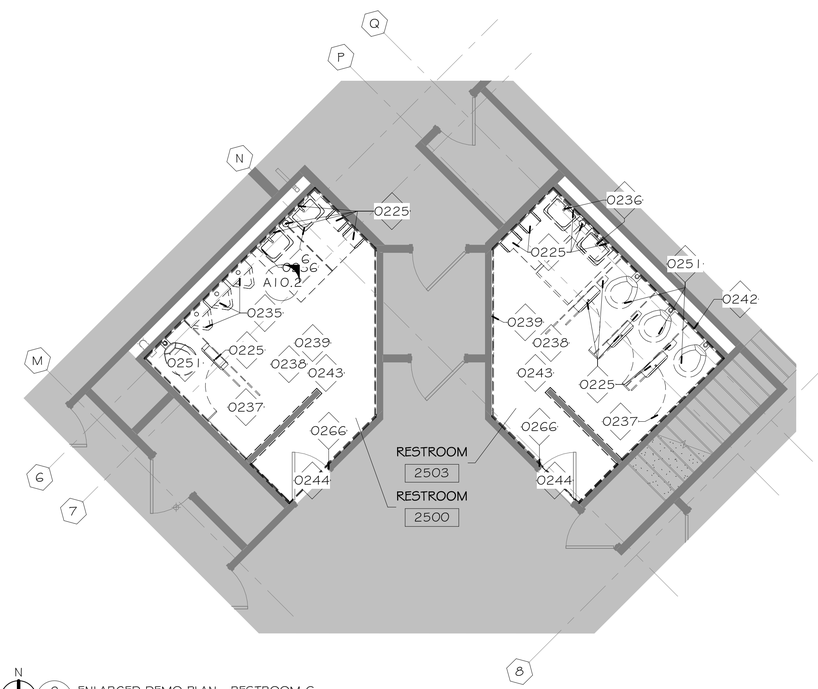
BID/PERMIT SET

ENLARGED DEMO PLANS

AD3.1



N 3 ENLARGED DEMO PLAN - RESTROOM E
AD3.2 1/4" = 1'-0"



N 2 ENLARGED DEMO PLAN - RESTROOM C
AD3.2 1/4" = 1'-0"

Keynote Legend	
Key Value	Keynote Text
0225	REMOVE WALL MOUNTED TOILET ACCESSORIES, TYPICAL
0235	REMOVE WALL MOUNTED URINAL. PIPING TO REMAIN. PROTECT PIPING FOR INSTALLATION OF NEW FIXTURE. SEE PLUMBING DRAWINGS.
0236	REMOVE WALL MOUNTED LAVATORY. PIPING TO REMAIN. PROTECT PIPING FOR INSTALLATION OF NEW FIXTURE. SEE PLUMBING DRAWINGS.
0237	REMOVE TOILET PARTITION AND ALL HANGERS, FASTENERS, ETC.
0238	REMOVE TILE AND GYP. BD. WALL FINISH IN THEIR ENTIRETY
0239	EXISTING WALL MOUNTED FIRE STROBES TO REMAIN, TYP. PROTECT DURING DEMOLITION AND CONSTRUCTION.
0242	REMOVE ACCESS PANEL.
0243	REMOVE EXISTING VINYL FLOORING AND PREPARE FLOOR FOR INSTALLATION OF NEW FINISH
0244	EXISTING DOOR AND ALL ASSOCIATED HARDWARE TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION.
0248	REMOVE TILE COVE BASE AND PREPARE WALL FOR INSTALLATION OF NEW BASE.
0249	GRIND EXISTING EPOXY FLOOR SURFACE AND PREPARE FOR INSTALLATION OF NEW POURED FLOOR
0251	REMOVE FLOOR MOUNTED TOILET. PIPING TO REMAIN. PROTECT PIPING FOR INSTALLATION OF NEW FIXTURE. SEE PLUMBING DRAWINGS
0266	SALVAGE EXISTING COLORED ROOM SIGNAGE AND ALL ASSOCIATED HARDWARE. STORE FOR REINSTALLATION

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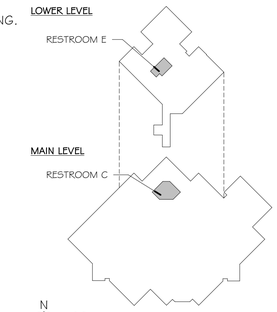

KEY PLAN - RESTROOMS C, D & E
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PARKWAY ECC - WEST CAMPUS
14605 CLAYTON RD., BALLWIN, MO 63011
Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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MICHELLE R. WELLS
NUMBER A-202103961
ARCHITECT
11/5/26

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DATE: 11/05/2026

BID/PERMIT SET

ENLARGED DEMO PLANS

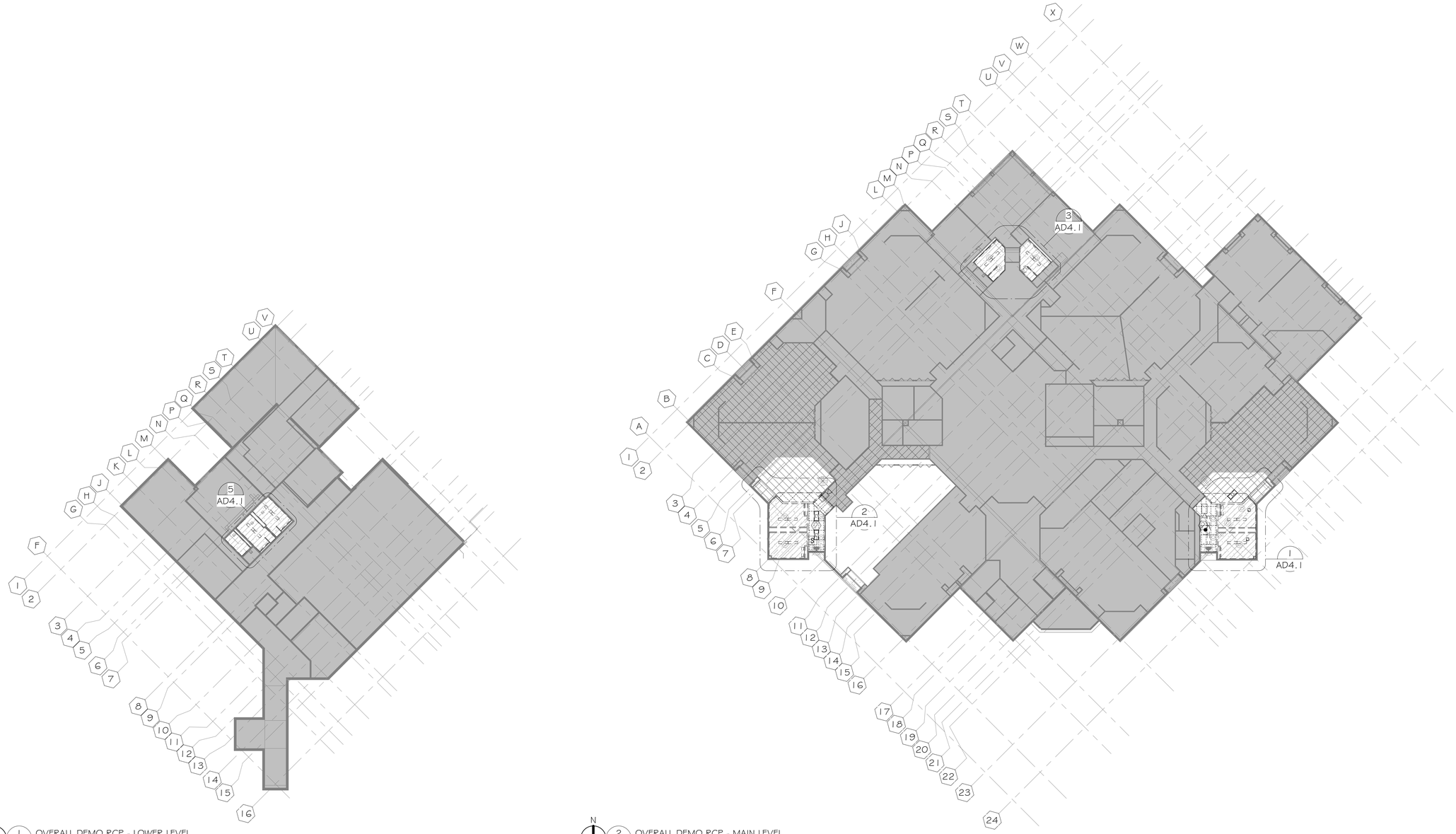
AD3.2

11/2/2026 3:29:36 PM

DEMO REFLECTED CEILING PLAN LEGEND

- ACOUSTICAL TILE CEILING & GRID TO BE DEMOLISHED
- GYPSUM BOARD CEILING TO BE DEMOLISHED
- 2X4 ACOUSTICAL TILE CEILING & GRID TO BE DEMOLISHED
- 2X2 ACOUSTICAL TILE CEILING & GRID TO BE DEMOLISHED

GENERAL NOTE: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REFLECTED CEILING PLAN SYMBOLS.



1 OVERALL DEMO RCP - LOWER LEVEL
AD4.0 3/64" = 1'-0"

2 OVERALL DEMO RCP - MAIN LEVEL
AD4.0 3/64" = 1'-0"

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MICHELLE R. WELLS
NOTARY
A-2021031961
ARCHITECT
11/5/26

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DATE: 11/05/2026

BID/PERMIT SET

OVERALL DEMO RCP

AD4.0

11/2/2026 3:29:54 PM

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'

SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'

SCALE: 1" = 1'-0" 0 0.5' 1' 2'

SCALE: 3/4" = 1'-0" 0 1' 2' 3'

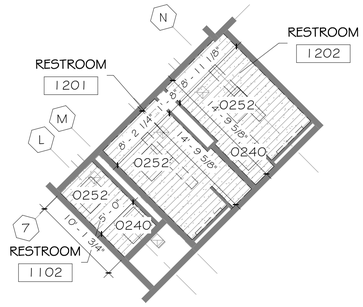
SCALE: 1/2" = 1'-0" 0 1' 2' 4'

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

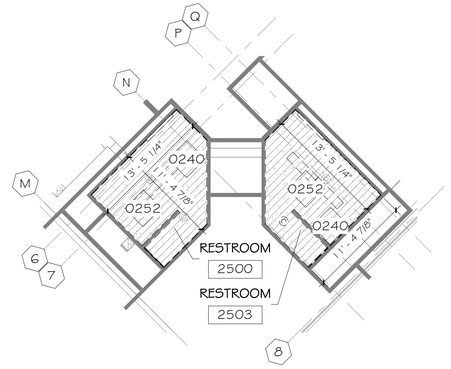
SCALE: 1/8" = 1'-0" 0 4' 8' 16'

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

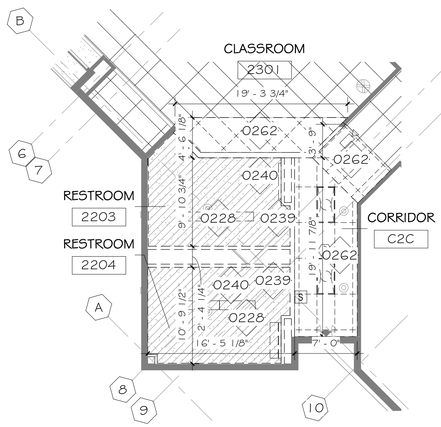
11/2/2026 3:29:55 PM



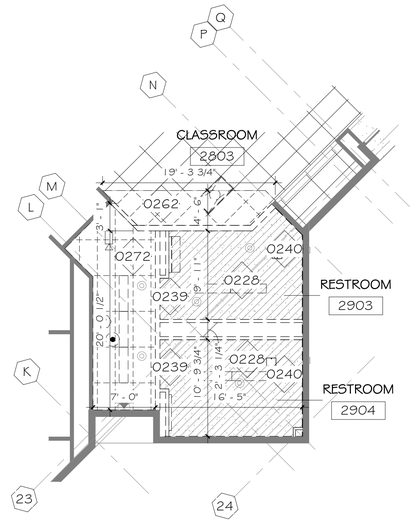
N 5 DEMO RCP - RESTROOM E
AD4.1 1/8" = 1'-0"



N 3 DEMO RCP - RESTROOM C
AD4.1 1/8" = 1'-0"



N 2 DEMO RCP - RESTROOM B
AD4.1 1/8" = 1'-0"



N 1 DEMO RCP - RESTROOM A
AD4.1 1/8" = 1'-0"

DEMO REFLECTED CEILING PLAN LEGEND

ACOUSTICAL TILE CEILING & GRID TO BE DEMOLISHED

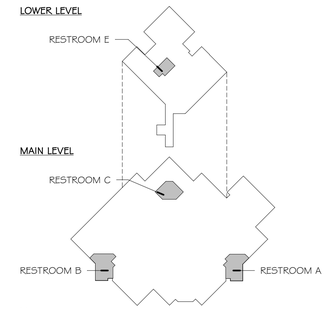
GYPSUM BOARD CEILING TO BE DEMOLISHED

2X4 ACOUSTICAL TILE CEILING & GRID TO BE DEMOLISHED

2X2 ACOUSTICAL TILE CEILING & GRID TO BE DEMOLISHED

GENERAL NOTE: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REFLECTED CEILING PLAN SYMBOLS.

Keynote Legend	
Key Value	Keynote Text
0228	REMOVE CEILING, LIGHTS, DIFFUSERS, AND ALL ASSOCIATED HARDWARE. DEMOLISH CEILING SUSPENSION SYSTEM.
0239	EXISTING WALL MOUNTED FIRE STROBES TO REMAIN, TYP. PROTECT DURING DEMOLITION AND CONSTRUCTION.
0240	EXISTING SPRINKLER HEADS TO REMAIN, TYP. PROTECT DURING DEMOLITION AND CONSTRUCTION
0252	REMOVE GYP. BD. CEILING FINISH. SUSPENDED FRAMING SYSTEM TO BE DEMOLISHED. REMOVE ALL LIGHTS, DIFFUSERS, AND ACCESS PANELS. DUCTOWRK AND WIRING TO REMAIN. PROTECT FOR INSTALLATION OF NEW FIXTURES. SEE MEP DRAWINGS
0262	DEMOLISH ACT CEILING AND SUSPENSION SYSTEM. SALVAGE LIGHTS, DIFFUSERS, AND ALL FIXTURES FOR REINSTALLATION. SPRINKLER HEADS TO REMAIN & BE RELOCATED. PROTECT DURING DEMOLITION AND CONSTRUCTION
0272	DEMOLISH ACT CEILING AND SUSPENSION SYSTEM. SALVAGE DIFFUSERS, AND ALL FIXTURES FOR REINSTALLATION. SPRINKLER HEADS TO REMAIN & BE RELOCATED. PROTECT DURING DEMOLITION AND CONSTRUCTION.



N KEY PLAN
1" = 100'-0"

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Building Renovation and Site Improvements

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Project No: 26023

Revisions

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NO. A-2021031961
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11/5/26

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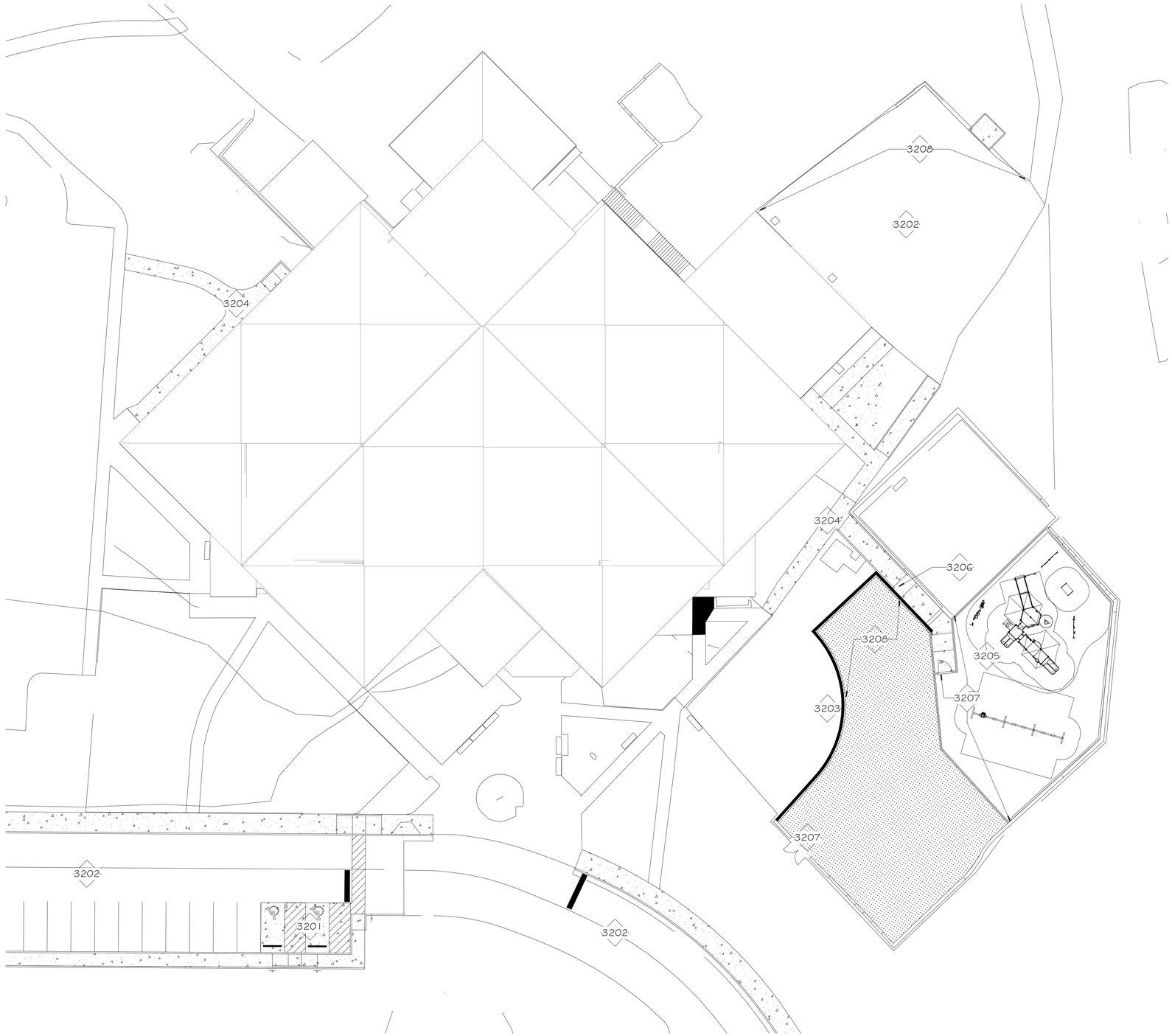
BID/PERMIT SET

ENLARGED DEMO RCPS

AD4.1



N

A1.0 SITE PLAN
1" = 20'-0"

Keynote Legend	
Key Value	Keynote Text
3201	NEW ADA COMPLIANT PAVEMENT – SEE CIVIL DWGS.
3202	SEE CIVIL DRAWINGS FOR PAVEMENT WORK
3203	NEW RETAINING WALL – SEE CIVIL
3204	NEW CONCRETE SIDEWALK – SEE CIVIL
3205	PLAYGROUND EQUIPMENT AND POURED IN PLACE PLAYGROUND SURFACE TO BE INSTALLED BY OWNER'S VENDOR
3206	ADA COMPLIANT CONC. RAMP. SEE CIVIL
3207	NEW FENCE AND GATE. SEE CIVIL
3208	NEW FENCE. SEE CIVIL

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DATE: 11/05/2026

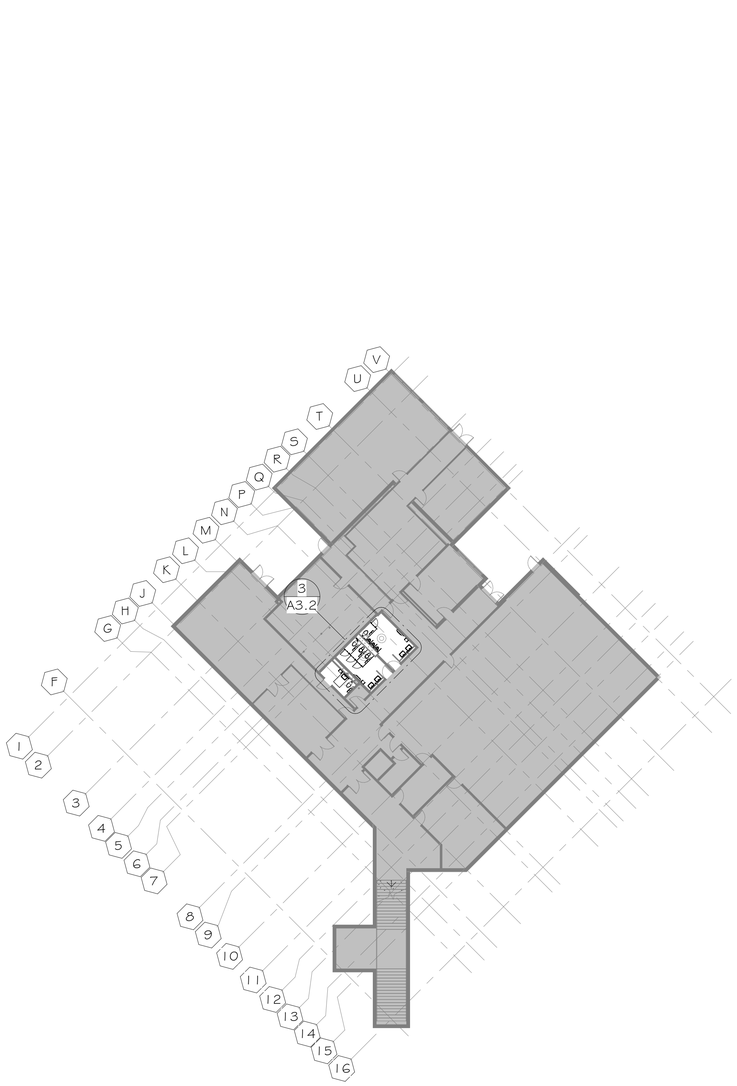
BID/PERMIT SET

SITE PLAN

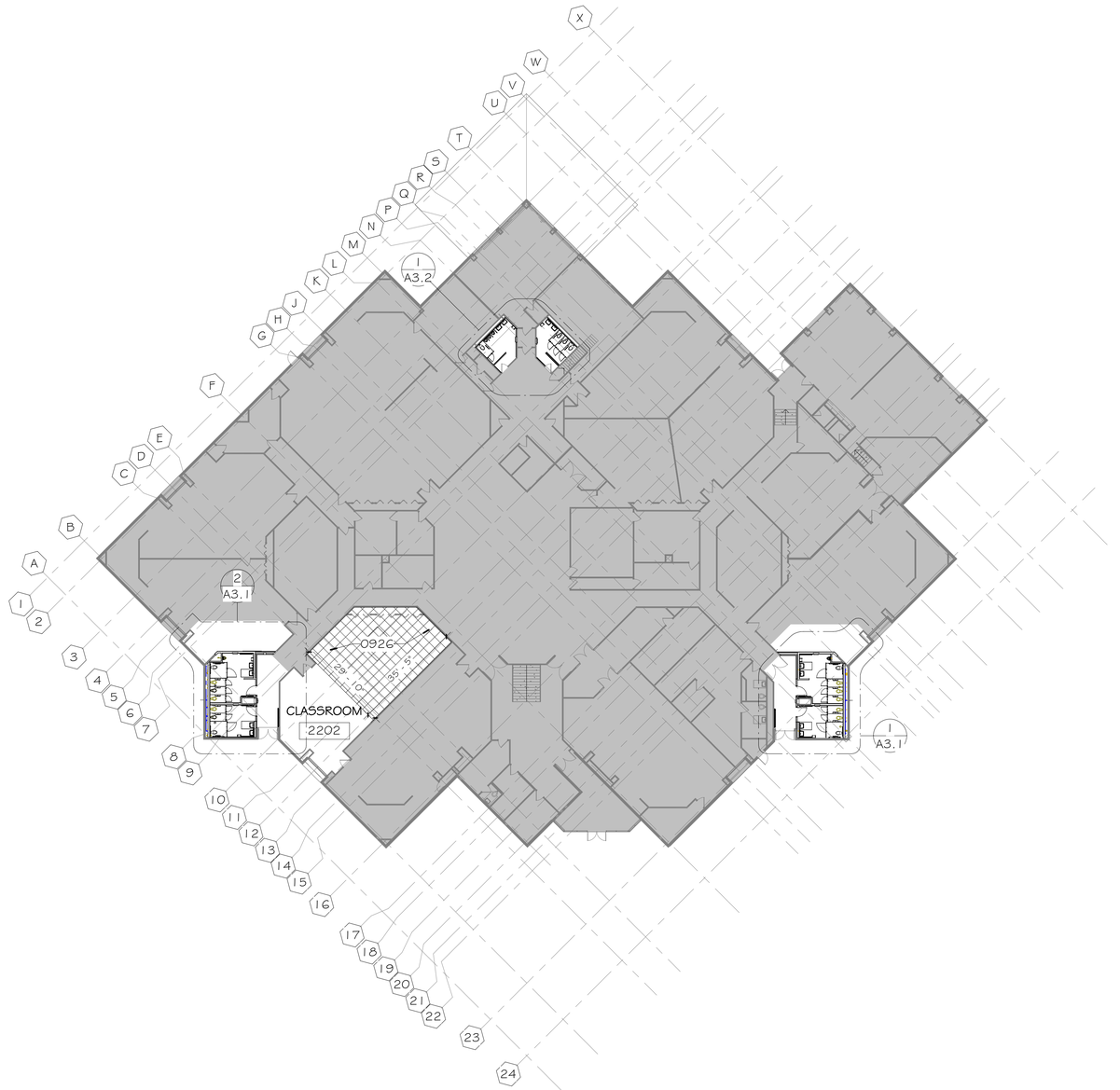
A1.0

11/2/2026 3:29:56 PM

Keynote Legend	
Key Value	Keynote Text
0926	INSTALL NEW CARPET, WALL BASE, AND TRANSITIONS AT AREA SHOWN HATCHED



N 1 A2.0 OVERALL FLOOR PLAN - LOWER LEVEL
3/64" = 1'-0"



N 2 A2.0 OVERALL FLOOR PLAN - MAIN LEVEL
3/64" = 1'-0"

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

11/2/2026 3:30:12 PM

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DATE: 11/05/2026

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OVERALL FLOOR PLANS

A2.0

GENERAL RESTROOM NOTES:

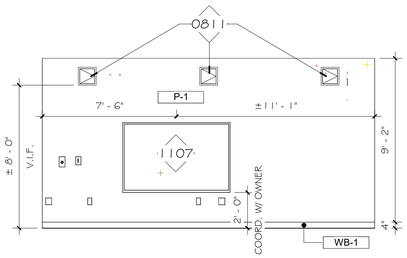
1. SEE ALSO SHEET A0.7 FOR TYPICAL ADA RESTROOM PLANS, ELEVATIONS, DIMENSIONS, AND TOILET ACCESSORIES MOUNTING HEIGHTS, DIMENSIONS, AND REQUIREMENTS.
2. ALL CONCEALED WOOD (PLYWOOD SHEATHING, BLOCKING, ETC.) TO BE FIRE TREATED.
3. PROVIDE FIRE TREATED 2 INCH X 6 INCH NOMINAL WOOD BLOCKING OR EQUIVALENT METAL STRAPPING RUNNING CONTINUOUSLY BETWEEN STUDS FOR ALL WALL HUNG EQUIPMENT OR OTHER ITEMS ATTACHED TO GYPSUM WALL BOARD PARTITIONS.
4. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
5. VERIFY MOUNTING HEIGHTS WITH MAUNFACTURER RECOMMENDATIONS.
6. ALL TOILET ACCESSORIES TO BE ADA ACCESSIBLE. CONTRACTOR TO MOUNT ACCESSORIES IN ACCORDANCE WITH ADA STANDARDS.
7. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING IN WALLS AT ALL CASEWORK, COUNTERTOPS, SHELVING, BRACKETS, WALL MOUNTED EQUIPMENT, ETC.

TOILET ACCESSORY SCHEDULE

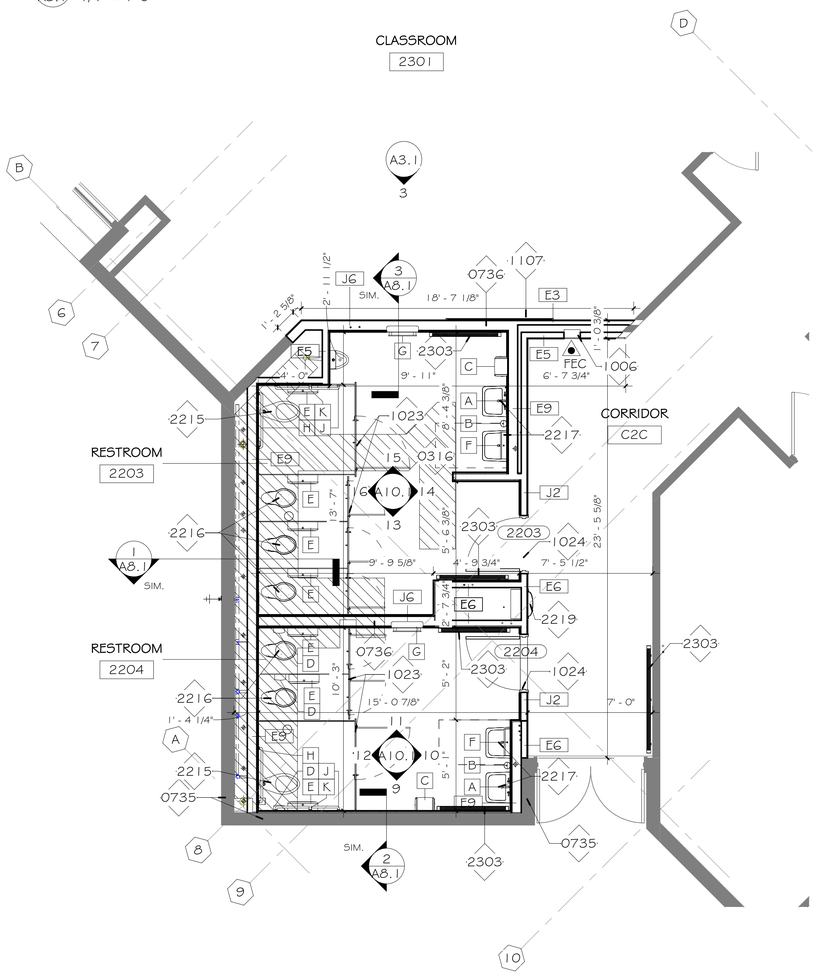
Type Mark	PRODUCT TYPE	Manufacturer	Model	Comments
A	FLAT MIRROR	BOBRICK	B-165 1824	CPCI
B	SOAP DISPENSER	GOJO INDUSTRIES	5155-06	CPCI
C	PAPER TOWEL DISPENSER	GP PRO GEORGIA-PACIFIC LLC	54338	CPCI
D	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	CPCI
E	TOILET PAPER DISPENSER	KIMBERLY CLARK CORP.	9551	CPCI
F	ANGLED MIRROR	BOBRICK	B-293 1830	CPCI
G	RECESSED BABY CHANGING STATION	KOALA KARE	KB311-SSRE	CPCI
H	36" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x36	CPCI
J	42" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x42	CPCI
K	18" VERTICAL GRAB BAR	BOBRICK	B-6806.99x18	CPCI
L	SURFACE MOUNTED BABY CHANGING STATION	KOALA KARE	KB311-SSWM	CPCI

Keynote Legend

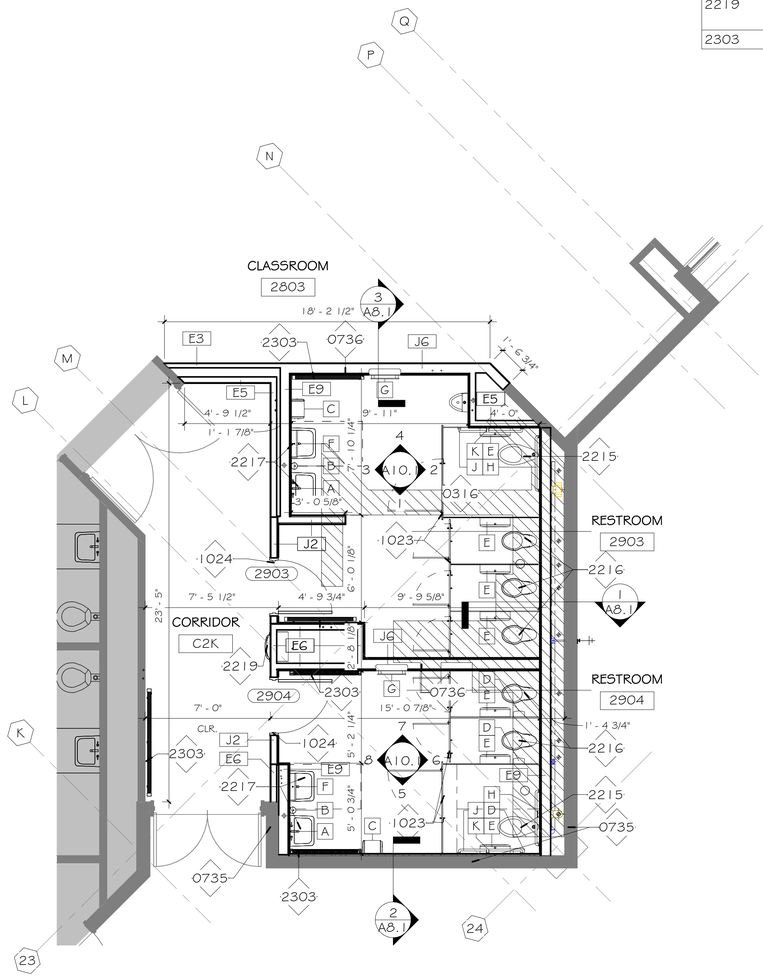
Key Value	Keynote Text
0316	PATCH CONC. SLAB AND PREPARE FOR INSTALLATION OF NEW FLOORING. SEE TYPICAL SLAB INFILL DETAIL ON SHEET A8.1. APPROXIMATE NEW SLAB LOCATION SHOWN HATCHED
0735	PROVIDE 6" MINERAL WOOL INSULATION IN EXISTING EXTERIOR WALL CAVITY
0736	PROVIDE F.R.T. WD. BLKG. IN WALL FOR OWNER-PROVIDED FURNITURE STORAGE SOLUTION. COORDINATE WITH OWNER ON REQUIREMENTS AND LOCATION.
0811	ACCESS PANEL, COORDINATE FINAL LOCATION IN FIELD WITH PLUMBING & OWNER
1006	RECESSED FIRE EXTINGUISHER CABINET
1023	FLOOR MOUNTED OVERHEAD BRACED HDPE TOILET PARTITION
1024	REINSTALL SALVAGED SIGNAGE
1107	RELOCATED SMART MONITOR. SEE ELECTRICAL/TECHNOLOGY DRAWINGS FOR POWER & DATA SCOPE
2215	FLOOR MOUNTED, ADA COMPLIANT ADULT HEIGHT TOILET. SEE MEP
2216	FLOOR MOUNTED, CHILD SIZED TOILET. SEE MEP
2217	WALL MOUNTED LAVATORY. SEE MEP
2219	NEW RECESSED BOTTLE FILLER STATION. SEE MEP DRAWINGS
2303	RADIANT WALL PANEL. SEE MECH. & PLUMB.



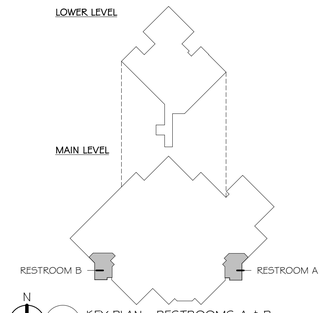
3 / A3.1 TEACHING WALL ELEVATION - ROOM 2301
1/4" = 1'-0"



2 / A3.1 ENLARGED FLOOR PLAN - RESTROOM B
1/4" = 1'-0"



1 / A3.1 ENLARGED FLOOR PLAN - RESTROOM A
1/4" = 1'-0"



KEY PLAN - RESTROOMS A & B
1" = 100'-0"

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DATE: 11/05/2026

BID/PERMIT SET

ENLARGED PLANS

A3.1

11/2/2026 3:30:15 PM

GENERAL RESTROOM NOTES:

1. SEE ALSO SHEET A0.7 FOR TYPICAL ADA RESTROOM PLANS, ELEVATIONS, DIMENSIONS, AND TOILET ACCESSORIES MOUNTING HEIGHTS, DIMENSIONS, AND REQUIREMENTS.
2. ALL CONCEALED WOOD (PLYWOOD SHEATHING, BLOCKING, ETC.) TO BE FIRE TREATED.
3. PROVIDE FIRE TREATED 2 INCH X 6 INCH NOMINAL WOOD BLOCKING OR EQUIVALENT METAL STRAPPING RUNNING CONTINUOUSLY BETWEEN STUDS FOR ALL WALL HUNG EQUIPMENT OR OTHER ITEMS ATTACHED TO GYPSUM WALL BOARD PARTITIONS.
4. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
5. VERIFY MOUNTING HEIGHTS WITH MAUNFACTURER RECOMMENDATIONS.
6. ALL TOILET ACCESSORIES TO BE ADA ACCESSIBLE. CONTRACTOR TO MOUNT ACCESSORIES IN ACCORDANCE WITH ADA STANDARDS.
7. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING IN WALLS AT ALL CASEWORK, COUNTERTOPS, SHELVING, BRACKETS, WALL MOUNTED EQUIPMENT, ETC.

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Type Mark	PRODUCT TYPE	Manufacturer	Model	Comments
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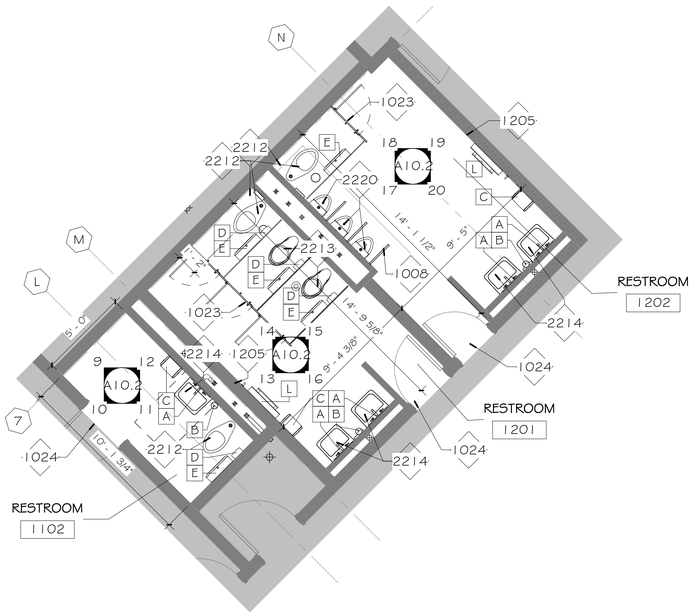
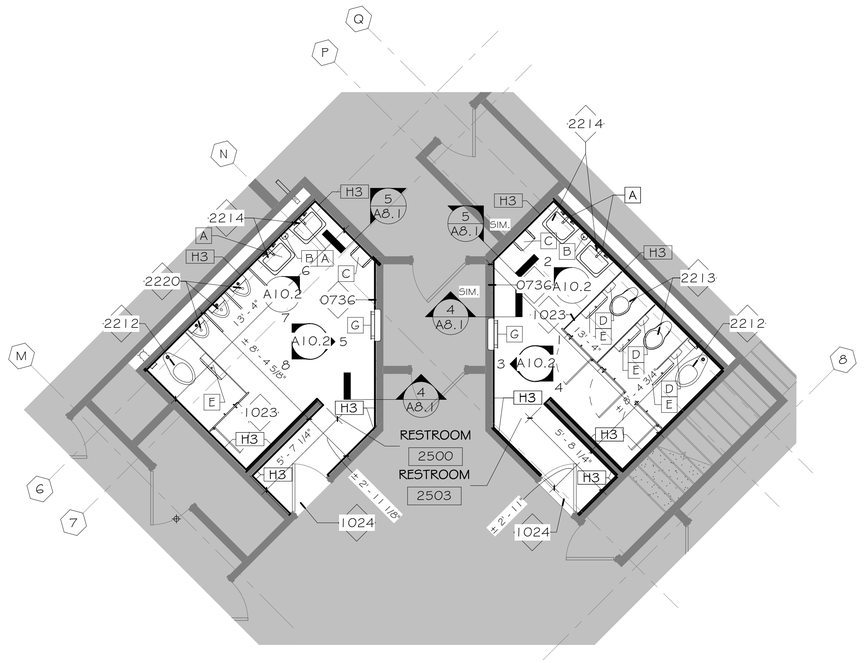
C	PAPER TOWEL DISPENSER	GP PRO GEORGIA-PACIFIC LLC	54338	CPCI
D	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	CPCI
E	TOILET PAPER DISPENSER	KIMBERLY CLARK CORP.	9551	CPCI
F	ANGLED MIRROR	BOBRICK	B-293 1830	CPCI
G	RECESSED BABY CHANGING STATION	KOALA KARE	KB311-SSRE	CPCI
H	36" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x36	CPCI
J	42" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x42	CPCI
K	18" VERTICAL GRAB BAR	BOBRICK	B-6806.99x18	CPCI
L	SURFACE MOUNTED BABY CHANGING STATION	KOALA KARE	KB311-SSWM	CPCI

Keynote Legend

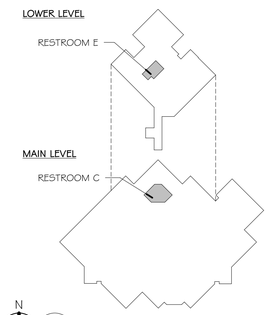
Key Value	Keynote Text
0736	PROVIDE F.R.T. WD. BLKG. IN WALL FOR OWNER-PROVIDED FURNITURE STORAGE SOLUTION. COORDINATE WITH OWNER ON REQUIREMENTS AND LOCATION.
1008	URINAL SCREEN
1023	FLOOR MOUNTED OVERHEAD BRACED HDPE TOILET PARTITION
1024	REINSTALL SALVAGED SIGNAGE
1205	COORDINATE INSTALLATION OF OWNER PROVIDED WALL STORAGE
2212	FLOOR MOUNTED, ADULT HEIGHT TOILET. REUSE EXISTING PIPING. SEE MEP DRAWINGS
2213	FLOOR MOUNTED, CHILD SIZED TOILET. REUSE EXISTING PIPING. SEE MEP DRAWINGS
2214	WALL MOUNTED LAVATORY. REUSE EXISTING PIPING. SEE MEP DRAWINGS
2220	WALL MOUNTED URINAL. REUSE EXISTING PIPING. SEE MEP DRAWINGS



3 A3.2 ENLARGED FLOOR PLAN - RESTROOM E
1/4" = 1'-0"



1 A3.2 ENLARGED FLOOR PLAN - RESTROOM C
1/4" = 1'-0"



KEY PLAN - RESTROOMS C, D & E
1" = 100'-0"

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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Project No: 26023

Revisions

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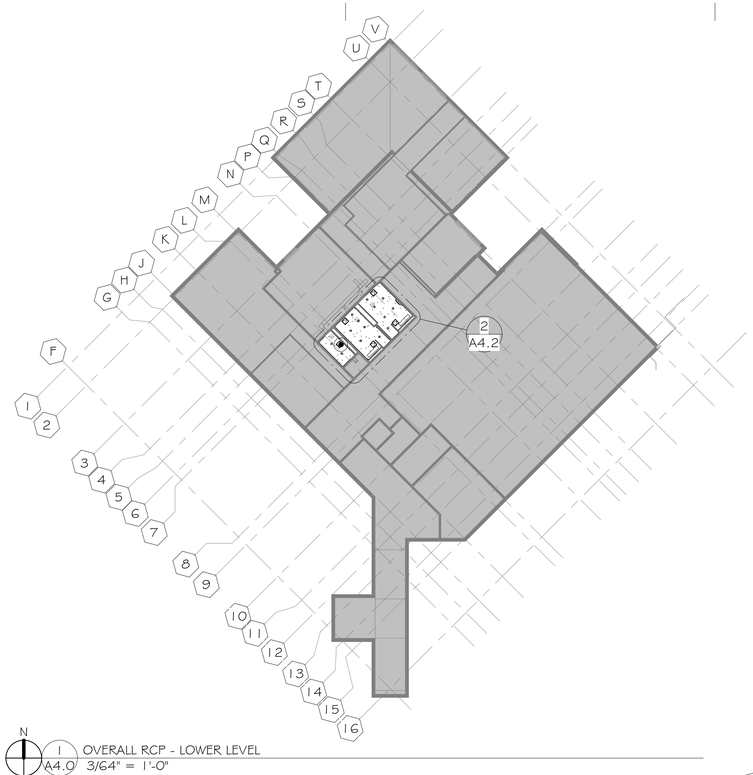
DATE: 11/05/2026

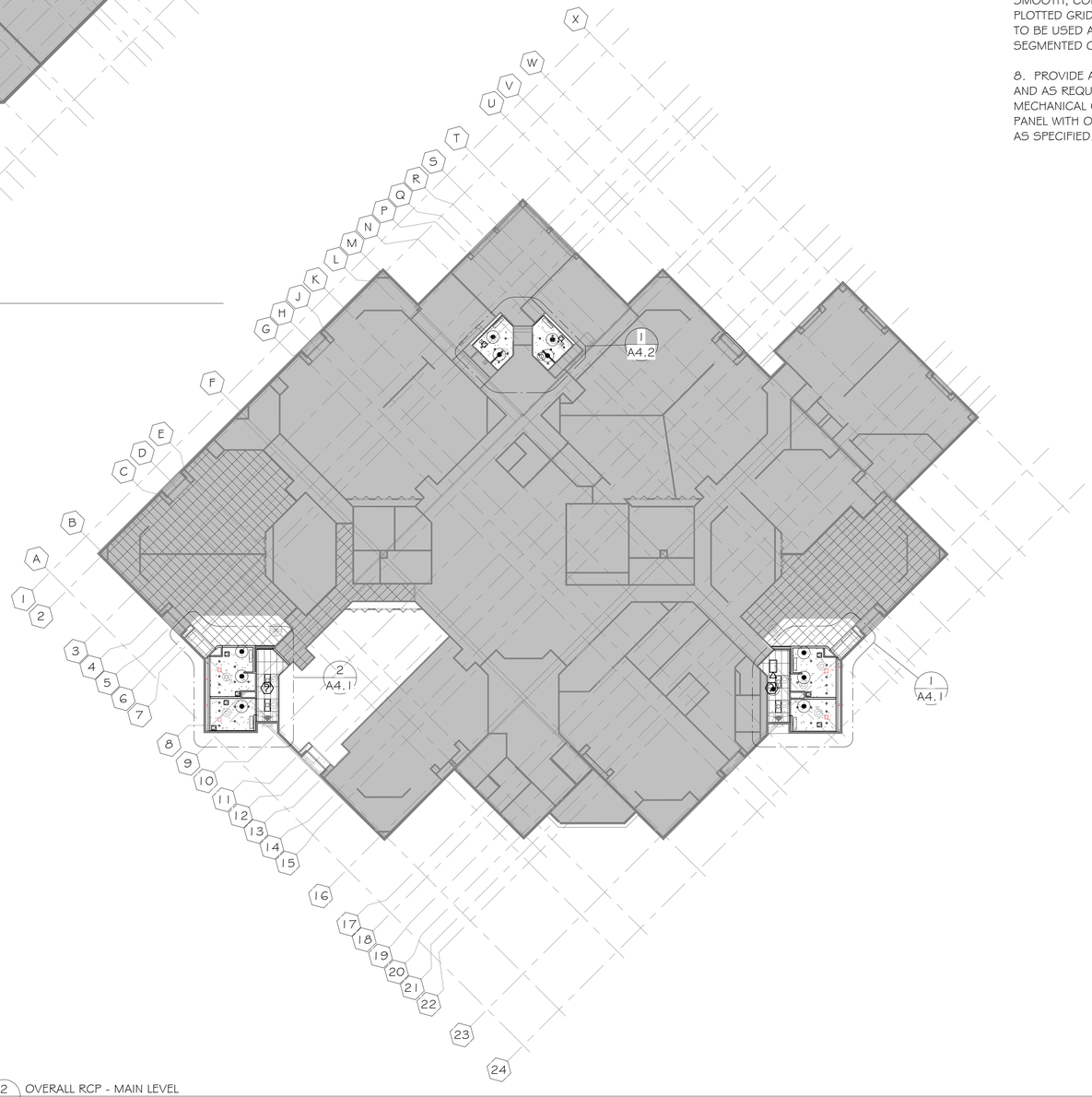
BID/PERMIT SET

ENLARGED PLANS

A3.2



N
1 / A4.0 OVERALL RCP - LOWER LEVEL
3/64" = 1'-0"



N
2 / A4.0 OVERALL RCP - MAIN LEVEL
3/64" = 1'-0"

SCALE: 3" = 1'-0" 0 0.25" 0.5" 1"
SCALE: 1 1/2" = 1'-0" 0 0.5" 1" 2"
SCALE: 1" = 1'-0" 0 0.5" 1" 2"
SCALE: 3/4" = 1'-0" 0 1" 2" 3"
SCALE: 1/2" = 1'-0" 0 1" 2" 4"
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SCALE: 1/8" = 1'-0" 0 4" 8" 16"
SCALE: 1/16" = 1'-0" 0 8" 16" 32"

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REFLECTED CEILING PLAN GENERAL NOTES

1. CONTRACTOR TO SUBMIT GYPSUM BOARD CEILING CONTROL JOINT LAYOUT TO ARCHITECT FOR REVIEW PRIOR TO INSTALLATION. CONTROL JOINTS TO BE INSTALLED PER LOCAL CODE REQUIREMENTS.

2. PATCH AND REFINISH CEILINGS AS REQUIRED BY WORK PERFORMED BY OTHER TRADES (MECHANICAL, FIRE PROTECTION, ETC.).

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4. LIGHT FIXTURES ARE SHOWN ON THIS DRAWING FOR THE ARCHITECTURAL LOCATIONS AND GENERAL FIXTURE TYPE ONLY. SEE THE ELECTRICAL DRAWINGS FOR THE EXACT FIXTURE TYPE AND CIRCUITING.

5. COORDINATE EXACT LOCATION OF ALL CEILING ITEMS (DIFFUSERS, LIGHT FIXTURES, SPRINKLERS, ETC.) NOT DIMENSIONED ON THIS OR OTHER DRAWINGS IN THE FIELD WITH ARCHITECT/ENGINEER.

6. FIXTURES TO BE CENTERED IN ROOM AND CEILING TILE WHERE APPLICABLE, U.N.O.

7. CEILING ELEMENTS SHOWN AS CURVED ARE TO BE INSTALLED USING METHODS TO CREATE A SMOOTH, CONTINUOUS CURVE. PORTIONS OF THE CURVED CEILING ARE DIMENSIONED USING A PLOTTED GRID SYSTEM FOR EASE OF MEASUREMENT FOR THE CONTRACTOR. THESE POINTS ARE TO BE USED AS REFERENCE POINTS TO CREATE A SMOOTH, CONTINUOUS CURVE, NOT A SEGMENTED CURVE.

8. PROVIDE AND INSTALL ACCESS PANELS WHERE SHOWN ON THE REFLECTED CEILING PLANS AND AS REQUIRED BY BUILDING CODE OR FOR THE PROPER OPERATION OR MAINTENANCE OF MECHANICAL OR ELECTRICAL EQUIPMENT. COORDINATE SIZE, LOCATION, AND TYPE OF ACCESS PANEL WITH OTHER WORK AND RECEIVE APPROVAL OF THE ARCHITECT. ACCESS PANEL SHALL BE AS SPECIFIED.

REFLECTED CEILING PLAN LEGEND

- 2X4 ACOUSTICAL TILE CEILING & GRID
- GYPSUM BOARD CEILING
- X' - X" — FINISH CEILING HEIGHT
- 2X4 LIGHT - SEE ELECTRICAL DRAWINGS
- WALL MOUNTED VANITY FIXTURE - SEE ELECTRICAL DWGS
- RECESSED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

GENERAL NOTE: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REFLECTED CEILING PLAN SYMBOLS.

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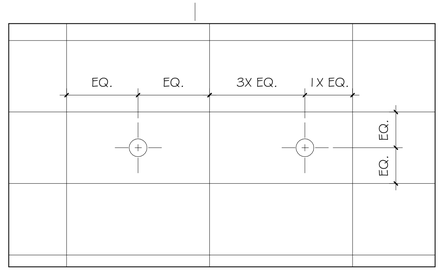
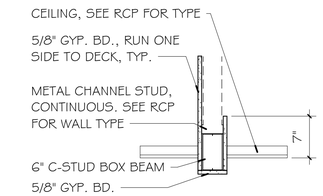
OVERALL RCP

A4.0

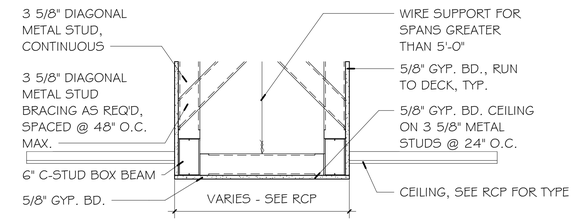


ITEMS OCCURRING ON A RECTANGULAR GRID-TYPE CEILING

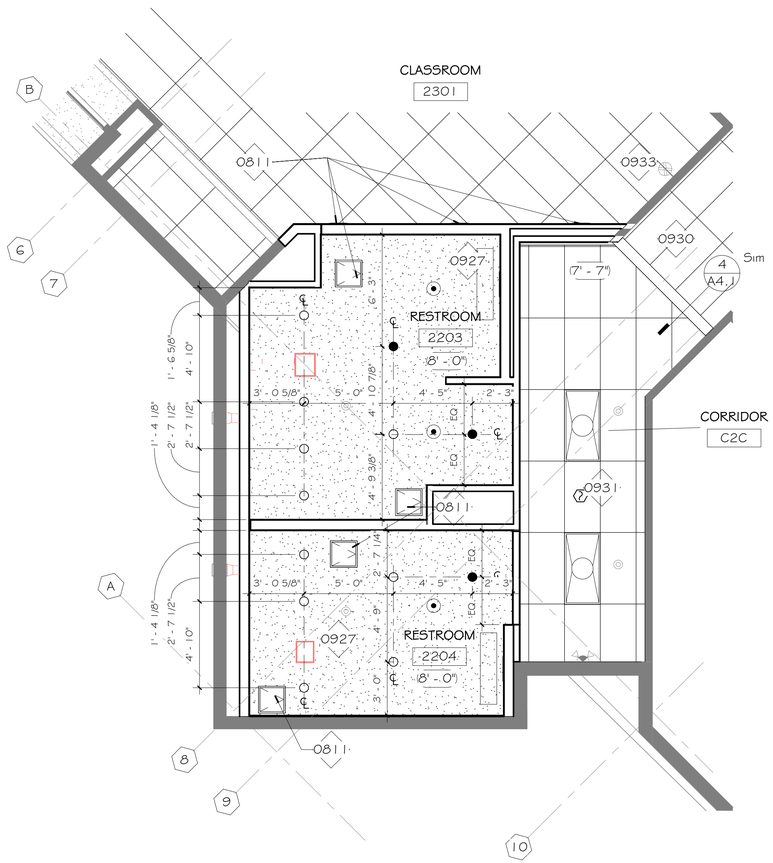
- UNLESS NOTED OTHERWISE, LOCATE ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, DEVICES, ETC) AT THE CENTER OF SHORT DIRECTION OF RECTANGULAR PANEL. LOCATE AT 1/4, 1/2, OR 3/4 POINT OF LONG DIRECTION OF RECTANGULAR PANEL.
- LOCATE SPRINKLER HEADS WITHIN 3" DIAMETER OF THE IDEAL POINT DIMENSIONED (OR SHOWN BY RULE) ON REFLECTED CEILING PLAN.



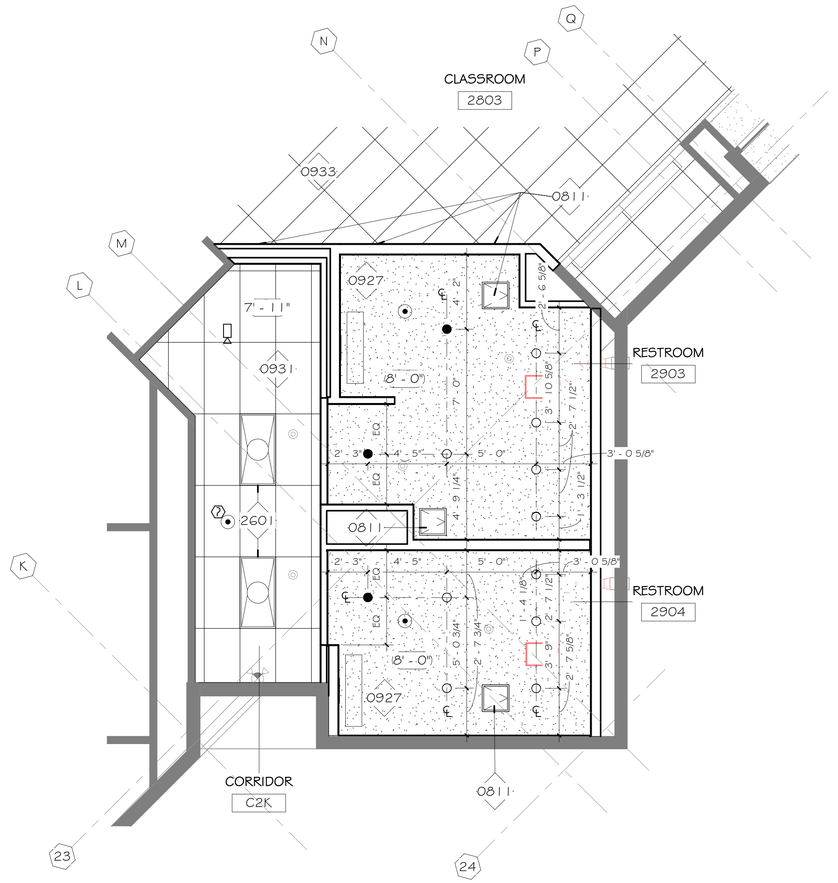
4 A4.1 TYPICAL CEILING BULKHEAD
1" = 1'-0"



3 A4.1 TYPICAL CEILING BULKHEAD
1" = 1'-0"



2 A4.1 RCP - RESTROOM B
1/4" = 1'-0"



1 A4.1 RCP - REESTROOM A
1/4" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- 2X4 ACOUSTICAL TILE CEILING & GRID
- GYPSUM BOARD CEILING
- X' - X" — FINISH CEILING HEIGHT
- 2X4 LIGHT - SEE ELECTRICAL DRAWINGS
- WALL MOUNTED VANITY FIXTURE - SEE ELECTRICAL DWGS
- O — RECESSED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

GENERAL NOTE: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REFLECTED CEILING PLAN SYMBOLS.

REFLECTED CEILING PLAN GENERAL NOTES

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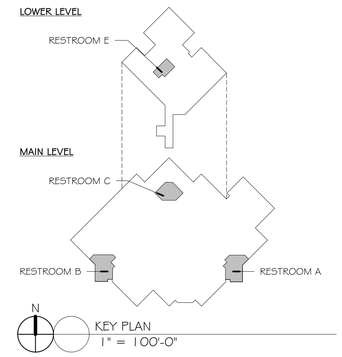
Keynote Legend	
Key Value	Keynote Text
0811	ACCESS PANEL, COORDINATE FINAL LOCATION IN FIELD WITH PLUMBING & OWNER
0927	GYP. BD. CEILING W/ NEW SUSPENSION SYSTEM TO STRUCTURE, LIGHTING FIXTURES, GRILLES, AND DIFFUSERS. EXISTING SPRINKLER HEADS TO REMAIN. SEE MEP DRAWINGS.
0930	GYP. BD. BULKHEAD
0931	NEW ACT CEILING SUSPENDED FROM STRUCTURE. REINSTALL SALVAGED FIXTURES. SEE MEP DRAWINGS.
0933	EXISTING ACT CEILING TO REMAIN. PATCH AND REPAIR GRID AT NEW WALL
2601	LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS



KEY PLAN
1" = 100'-0"

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Project No: 26023

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A4.1

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Seismic Design Category D

A ceiling area of 144 SF or less surrounded by walls that connect directly to the structure above shall be exempt from seismic bracing.

A heavy duty T-bar grid system shall be used.

Light fixtures must be positively attached to the ceiling grid with an attachment capable of carrying 100% of the weight of the light fixture. Light fixtures weighing up to 56 pounds require two vertical support wires. These wires may be slack. Light fixtures weighing more than 56 pounds shall require independent support from the building structure above the ceiling.

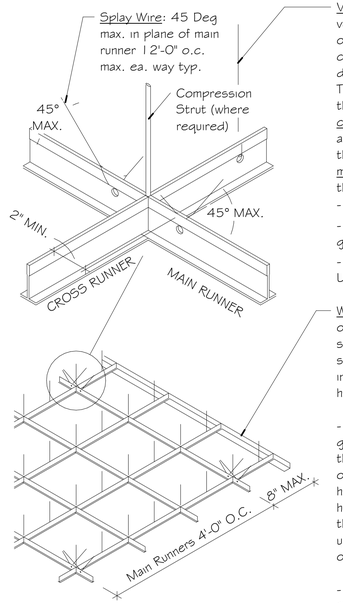
Mechanical air terminals weighing less than 20 pounds shall be positively attached to the ceiling grid. Air terminals weighing 20 pounds but not more than 56 pounds shall be secured to the building structure above the ceiling in addition to attaching the air terminal to the ceiling grid. These two No. 12 gauge wires may be slack. Air terminals weighing more than 56 pounds shall require independent support from the building structure above the ceiling.

Sprinkler heads and other penetrations of the suspended ceiling shall have a 2" oversize ring, sleeve, or adaptor through the ceiling tile to allow for free movement of at least 1" in all horizontal directions.

All wall partitions greater than 6' in height shall be independently braced to the building structure. Wall partitions may not be supported by the braced suspended ceiling alone.

Suspended ceilings exceeding 1,000 square feet in area require four No. 12 gauge splay wires and a rigid vertical compression strut every 12 feet on center starting a maximum of 6 feet from each wall. The splay wires shall be secured to the main runner within 2 inches of the cross runner intersection and splayed 90 degrees from each other at an angle not exceeding 45 degrees from the plane of the ceiling.

Suspended ceilings exceeding 2,500 square feet shall have a separation joint, or a full height wall partition separating the suspended ceiling into areas less than 2,500 square feet.



Verticals: Provide No. 12 gauge vertical (no more than 1: 6 out of plumb) wires on the main and cross runners a maximum distance of 8" from the wall. These wires must be attached to the structure above or a continuous member that is attached to each wall stud above the ceiling. The continuous member may consist of one of the following:

- 7/8 inch wall angle.
- 3 5/8 inch stud - 20 gauge min.
- 1/8 inch min. thickness Unistrut

Wall Condition: The width of the perimeter supporting closure angle shall be not less than 2" in each orthogonal horizontal direction.

- One end of the ceiling grid shall be attached to the closure angle, the other end in each horizontal direction shall have a ¾" clearance from the wall and shall rest upon and be free to slide on the 2" closure angle.

- The main and cross runners shall be tied together to prevent rotation of the ceiling support components.

REFLECTED CEILING PLAN LEGEND

	2X4 ACOUSTICAL TILE CEILING & GRID
	GYPSUM BOARD CEILING
X' - X"	FINISH CEILING HEIGHT
	2X4 LIGHT - SEE ELECTRICAL DRAWINGS
	WALL MOUNTED VANITY FIXTURE - SEE ELECTRICAL DWGS
O	RECESSED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

GENERAL NOTE: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REFLECTED CEILING PLAN SYMBOLS.

REFLECTED CEILING PLAN GENERAL NOTES

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Keynote Legend	
Key Value	Keynote Text
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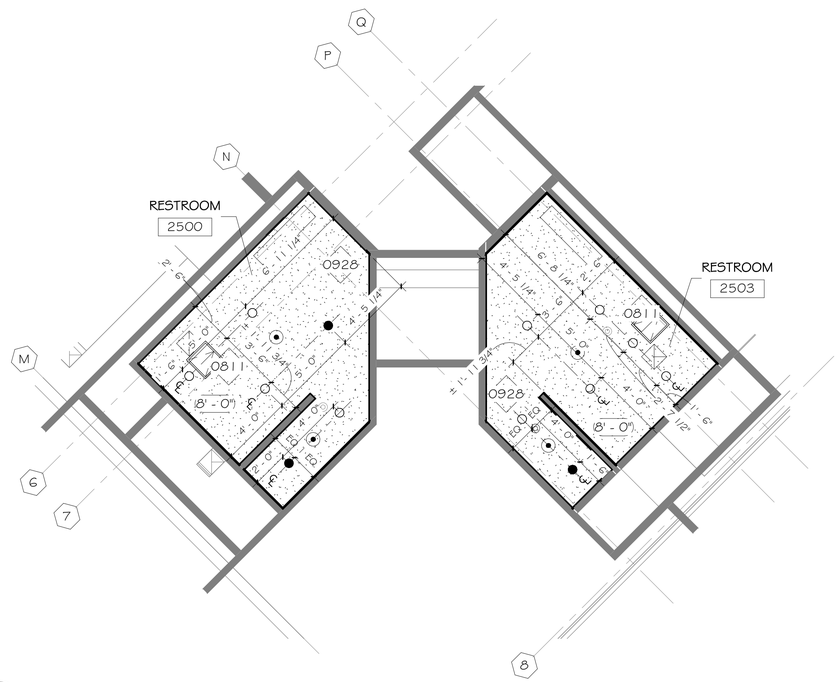
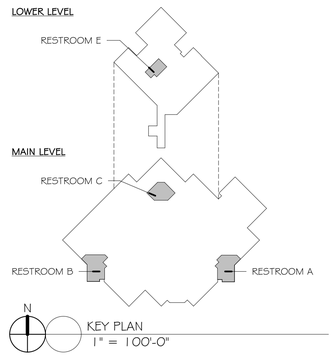
0928	GYP. BD. CEILING FINISH ON NEW MTL. STUDS. PROVIDE NEW LIGHTING FIXTURES, GRILLES, AND DIFFUSERS. EXISTING SPRINKLER HEADS TO REMAIN. SEE MEP DRAWINGS



2 / A4.2 RCP - RESTROOM E
1/4" = 1'-0"



1 / A4.2 RCP - RESTROOM C
1/4" = 1'-0"



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STATE OF MISSOURI
MICHELLE R. WELLS
NUMBER A-2021031961
ARCHITECT
11/5/26

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DATE: 11/05/2026

BID/PERMIT SET

ENLARGED RCPS

A4.2

11/2/2026 3:30:39 PM

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'

SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'

SCALE: 1" = 1'-0" 0 0.5' 1' 2'

SCALE: 3/4" = 1'-0" 0 1' 2' 3'

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

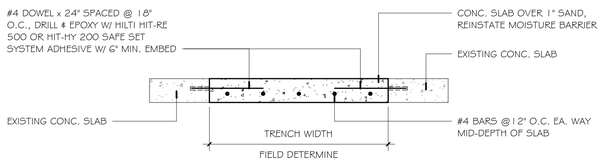
SCALE: 1/4" = 1'-0" 0 2' 4' 8'

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

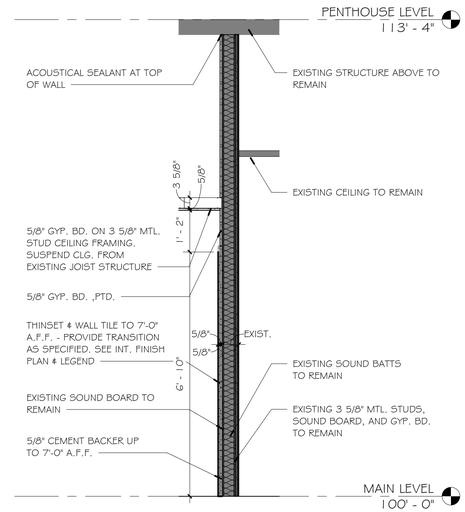
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

NOTES:

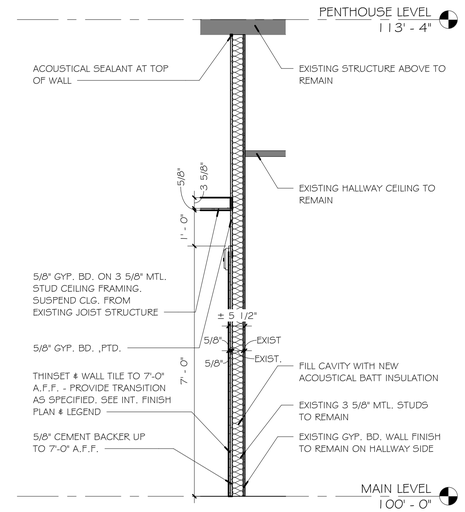
1. NEW SLAB TO BE 4,000 PSI MIN.
2. MATCH EXISTING SLAB DEPTH
3. COORDINATE WITH PLUMBING DRAWINGS
4. PROVIDE #4x5'-0" CORNER REINFORCING BAR AT ALL REENTRANT CORNERS, ORIENTED TANGENTIALLY FROM THE CORNER.



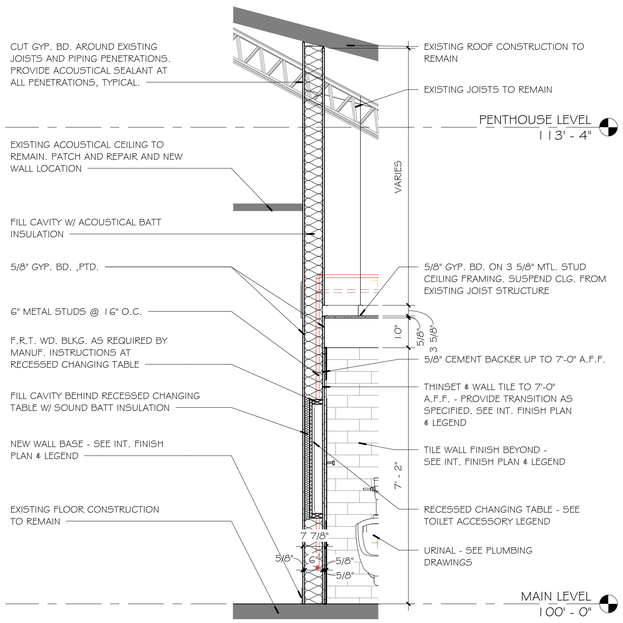
6 A8.1 TYPICAL SLAB INFILL DETAIL
NOT TO SCALE



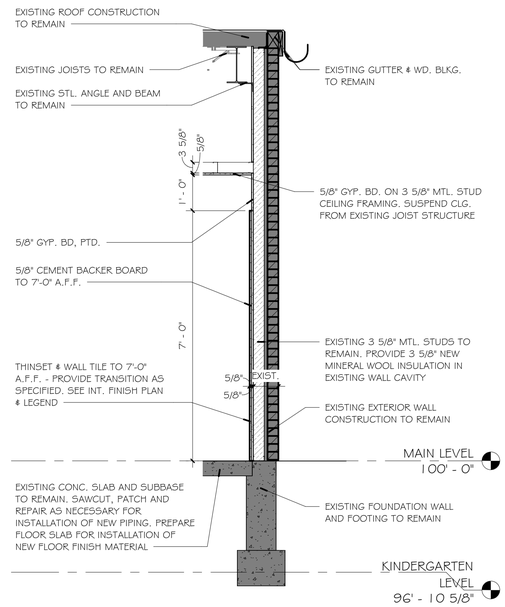
5 A8.1 TYPICAL WALL SECTION @ EXISTING SOUND WALL
1/2" = 1'-0"



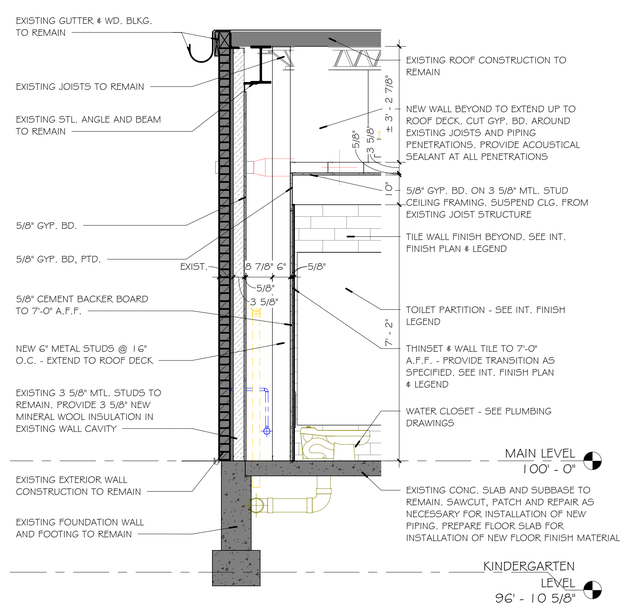
4 A8.1 TYPICAL WALL SECTION AT EXISTING WALL
1/2" = 1'-0"



3 A8.1 WALL SECTION @ VAULTED ROOF
1/2" = 1'-0"



2 A8.1 WALL SECTION @ EXISTING EXTERIOR WALL
1/2" = 1'-0"



1 A8.1 WALL SECTION @ NEW PLUMBING CHASE
1/2" = 1'-0"

11/2/2026 3:30:41 PM

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Structural Engineer
Certificate of Authority: #001498
796 Merus Ct.
Fenton, MO 63026
(636) 349.1600

RTM Engineering Consultants
MEP/FP/T Engineer Certificate of Authority: #200202890
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St. Louis, MO 63127
(314) 725.5889

PARKWAY ECC - WEST CAMPUS
14605 CLAYTON RD., BALLWIN, MO 63011
Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield MO 63017
314.415.6231 tel

Project No: 26023

Revisions

Description	Date

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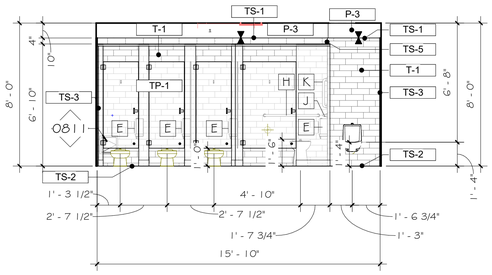
DATE: 11/05/2026

BID/PERMIT SET

WALL SECTIONS & DETAILS

A8.1



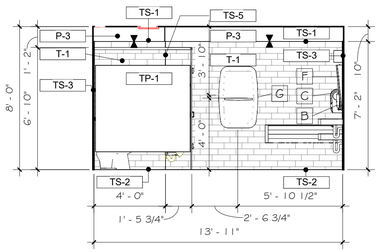
16 RESTROOM 2203 - WEST
A10.1 1/4" = 1'-0"

GENERAL RESTROOM NOTES:

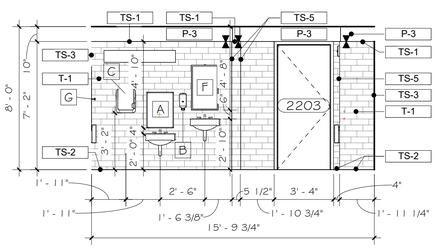
1. SEE ALSO SHEET A0.7 FOR TYPICAL ADA RESTROOM PLANS, ELEVATIONS, DIMENSIONS, AND TOILET ACCESSORIES MOUNTING HEIGHTS, DIMENSIONS, AND REQUIREMENTS.
2. ALL CONCEALED WOOD (PLYWOOD SHEATHING, BLOCKING, ETC.) TO BE FIRE TREATED.
3. PROVIDE FIRE TREATED 2 INCH X 6 INCH NOMINAL WOOD BLOCKING OR EQUIVALENT METAL STRAPPING RUNNING CONTINUOUSLY BETWEEN STUDS FOR ALL WALL HUNG EQUIPMENT OR OTHER ITEMS ATTACHED TO GYPSUM WALL BOARD PARTITIONS.
4. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
5. VERIFY MOUNTING HEIGHTS WITH MAUNFACTURER RECOMMENDATIONS.
6. ALL TOILET ACCESSORIES TO BE ADA ACCESSIBLE. CONTRACTOR TO MOUNT ACCESSORIES IN ACCORDANCE WITH ADA STANDARDS.
7. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING IN WALLS AT ALL CASEWORK, COUNTERTOPS, SHELVING, BRACKETS, WALL MOUNTED EQUIPMENT, ETC.

TOILET ACCESSORY SCHEDULE

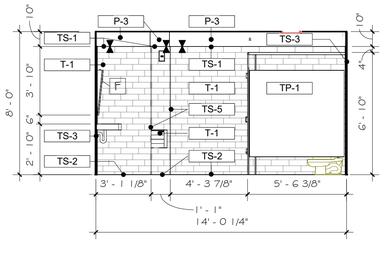
Type Mark	PRODUCT TYPE	Manufacturer	Model	Comments
A	FLAT MIRROR	BOBRICK	B-165 1824	CPCI
B	SOAP DISPENSER	GOJO INDUSTRIES	5155-06	CPCI
C	PAPER TOWEL DISPENSER	GP PRO GEORGIA-PACIFIC LLC	54338	CPCI
D	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	CPCI
E	TOILET PAPER DISPENSER	KIMBERLY CLARK CORP.	9551	CPCI
F	ANGLED MIRROR	BOBRICK	B-293 1830	CPCI
G	RECESSED BABY CHANGING STATION	KOALA KARE	KB311-SSRE	CPCI
H	36" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x36	CPCI
J	42" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x42	CPCI
K	18" VERTICAL GRAB BAR	BOBRICK	B-6806.99x18	CPCI
L	SURFACE MOUNTED BABY CHANGING STATION	KOALA KARE	KB311-SSWM	CPCI



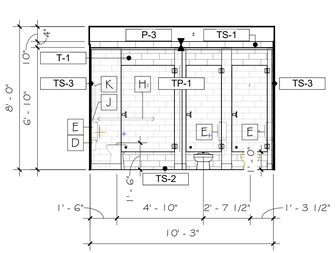
15 RESTROOM 2203 - NORTH
A10.1 1/4" = 1'-0"



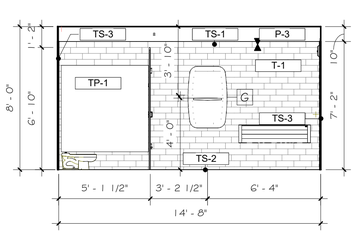
14 RESTROOM 2203 - EAST
A10.1 1/4" = 1'-0"



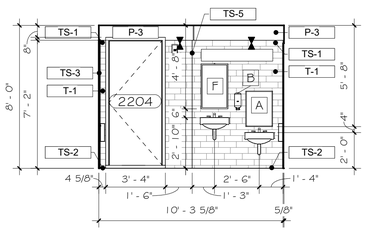
13 RESTROOM 2203 - SOUTH
A10.1 1/4" = 1'-0"



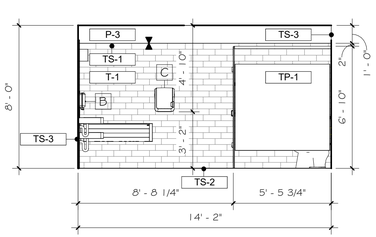
12 RESTROOM 2204 - WEST
A10.1 1/4" = 1'-0"



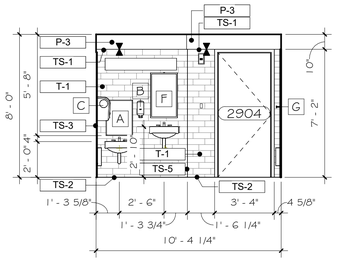
11 RESTROOM 2204 - NORTH
A10.1 1/4" = 1'-0"



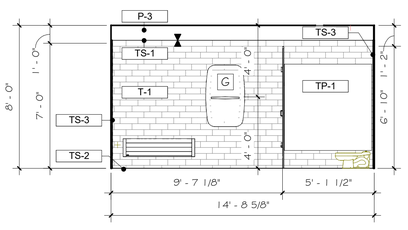
10 RESTROOM 2204 - EAST
A10.1 1/4" = 1'-0"



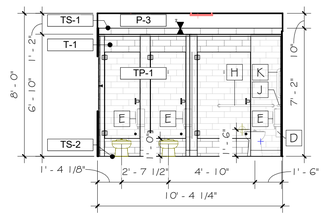
9 RESTROOM 2204 - SOUTH
A10.1 1/4" = 1'-0"



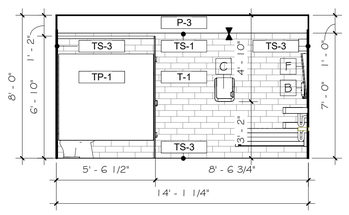
8 RESTROOM 2904 - WEST
A10.1 1/4" = 1'-0"



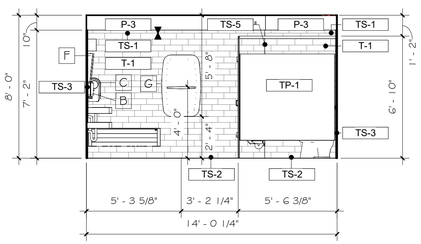
7 RESTROOM 2904 - NORTH
A10.1 1/4" = 1'-0"



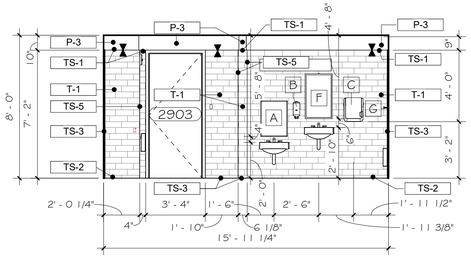
6 RESTROOM 2904 - EAST
A10.1 1/4" = 1'-0"



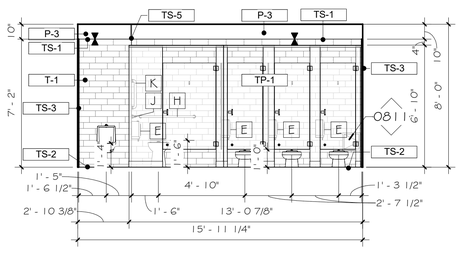
5 RESTROOM 2904 - SOUTH
A10.1 1/4" = 1'-0"



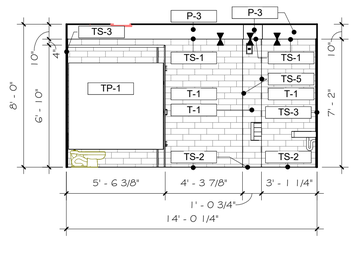
4 RESTROOM 2903 - NORTH
A10.1 1/4" = 1'-0"



3 RESTROOM 2903 - WEST
A10.1 1/4" = 1'-0"



2 RESTROOM 2903 - EAST
A10.1 1/4" = 1'-0"



1 RESTROOM 2903 - SOUTH
A10.1 1/4" = 1'-0"

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(314) 607.6701

CASE Engineering
Structural Engineer
Certificate of Authority: #001498
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Fenton, MO 63026
(636) 349.1600

RTM Engineering Consultants
MEP/FP/T Engineer Certificate of Authority: #200202890
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Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

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DATE: 11/05/2026

BID/PERMIT SET

INTERIOR ELEVATIONS

A10.1

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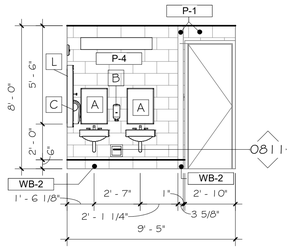
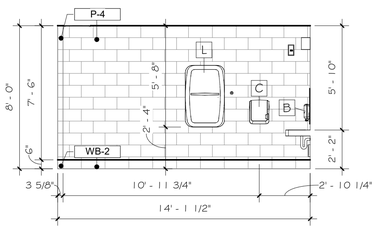


20 RESTROOM 1202 - EAST
A10.2 1/4" = 1'-0"



19 RESTROOM 1202 - NORTH
A10.2 1/4" = 1'-0"

GENERAL RESTROOM NOTES:

1. SEE ALSO SHEET A0.7 FOR TYPICAL ADA RESTROOM PLANS, ELEVATIONS, DIMENSIONS, AND TOILET ACCESSORIES MOUNTING HEIGHTS, DIMENSIONS, AND REQUIREMENTS.
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4. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
5. VERIFY MOUNTING HEIGHTS WITH MAUNFACTURER RECOMMENDATIONS.
6. ALL TOILET ACCESSORIES TO BE ADA ACCESSIBLE. CONTRACTOR TO MOUNT ACCESSORIES IN ACCORDANCE WITH ADA STANDARDS.
7. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING IN WALLS AT ALL CASEWORK, COUNTERTOPS, SHELVING, BRACKETS, WALL MOUNTED EQUIPMENT, ETC.

TOILET ACCESSORY SCHEDULE

Type Mark	PRODUCT TYPE	Manufacturer	Model	Comments
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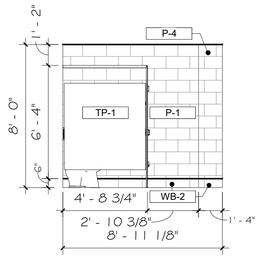
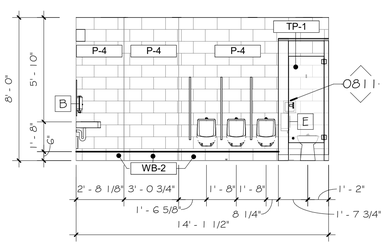
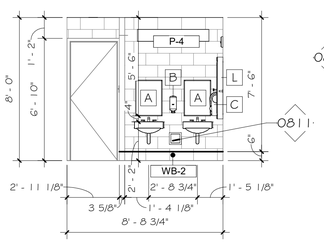
C	PAPER TOWEL DISPENSER	GP PRO GEORGIA-PACIFIC LLC	54338	CPCI
D	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	CPCI
E	TOILET PAPER DISPENSER	KIMBERLY CLARK CORP.	9551	CPCI
F	ANGLED MIRROR	BOBRICK	B-293 1830	CPCI
G	RECESSED BABY CHANGING STATION	KOALA KARE	KB311-SSRE	CPCI
H	36" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x36	CPCI
J	42" HORIZONTAL GRAB BAR	BOBRICK	B-6806.99x42	CPCI
K	18" VERTICAL GRAB BAR	BOBRICK	B-6806.99x18	CPCI
L	SURFACE MOUNTED BABY CHANGING STATION	KOALA KARE	KB311-SSWM	CPCI



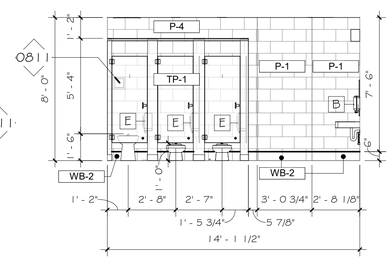
18 RESTROOM 1202 - WEST
A10.2 1/4" = 1'-0"



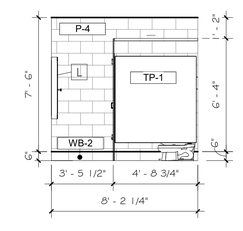
17 RESTROOM 1202 - SOUTH
A10.2 1/4" = 1'-0"



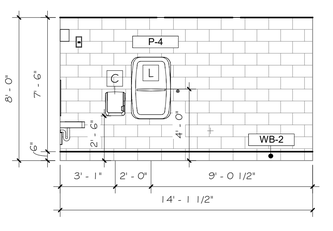
16 RESTROOM 1201 - EAST
A10.2 1/4" = 1'-0"



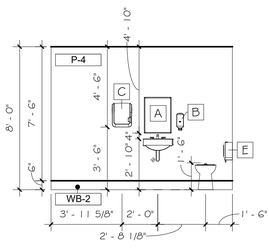
15 RESTROOM 1201 - NORTH
A10.2 1/4" = 1'-0"



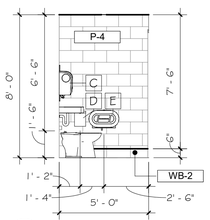
14 RESTROOM 1201 - WEST
A10.2 1/4" = 1'-0"



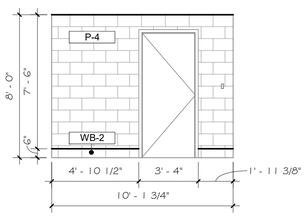
13 RESTROOM 1201 - SOUTH
A10.2 1/4" = 1'-0"



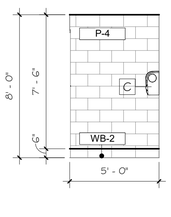
12 RESTROOM 1102 - NORTH
A10.2 1/4" = 1'-0"



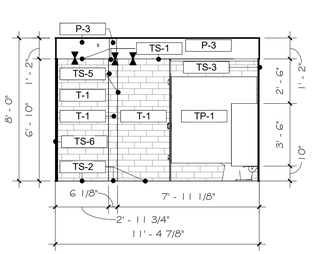
11 RESTROOM 1102 - EAST
A10.2 1/4" = 1'-0"



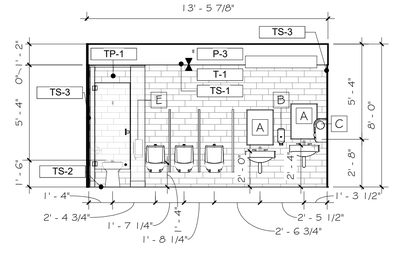
10 RESTROOM 1102 - SOUTH
A10.2 1/4" = 1'-0"



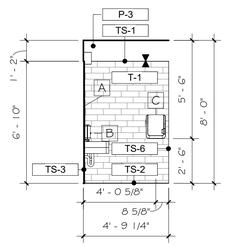
9 RESTROOM 1102 - WEST
A10.2 1/4" = 1'-0"



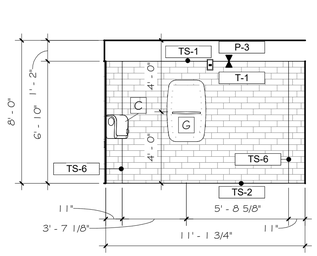
8 RESTROOM 2500 - WEST
A10.2 1/4" = 1'-0"



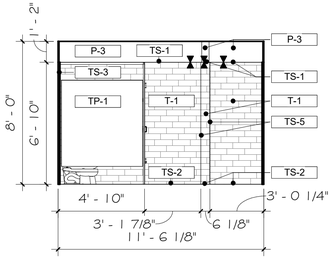
7 RESTROOM 2500 - NORTH
A10.2 1/4" = 1'-0"



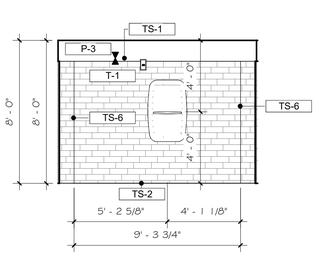
6 RESTROOM 2500 EAST 2
A10.2 1/4" = 1'-0"



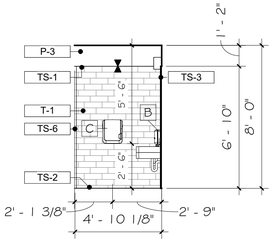
5 RESTROOM 2500 - EAST
A10.2 1/4" = 1'-0"



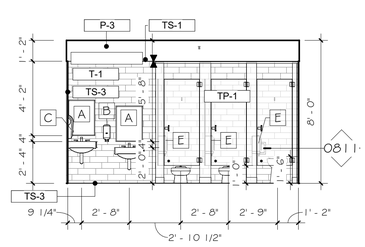
4 RESTROOM 2503 - SOUTH
A10.2 1/4" = 1'-0"



3 RESTROOM 2503 - WEST
A10.2 1/4" = 1'-0"



2 RESTROOM 2503 - NORTH
A10.2 1/4" = 1'-0"



1 RESTROOM 2503 - EAST
A10.2 1/4" = 1'-0"

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RTM Engineering Consultants
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Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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DATE: 11/05/2026

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INTERIOR ELEVATIONS

A10.2

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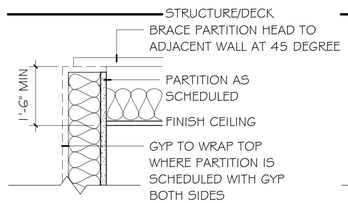
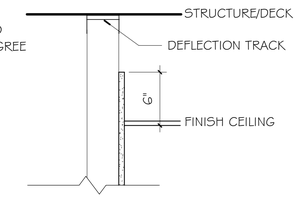


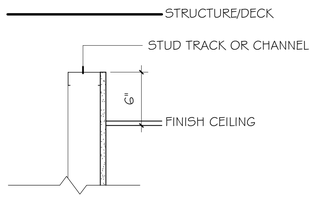
a: PARTITION MODIFIER

NOTE: ADD SOUND BATT INSULATION PER PARTITION TYPE. STC RATING OF CEILING TO BE EQUIVALENT TO WALL



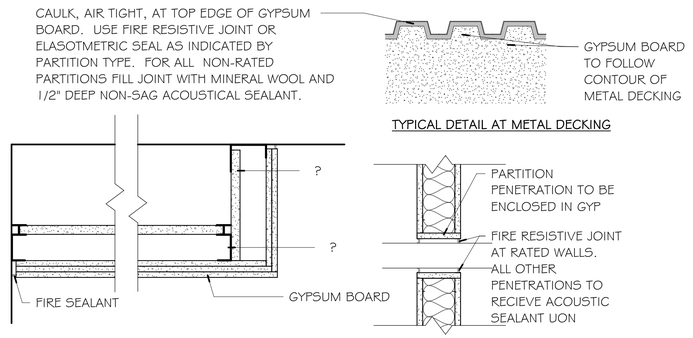
b: PARTITION MODIFIER

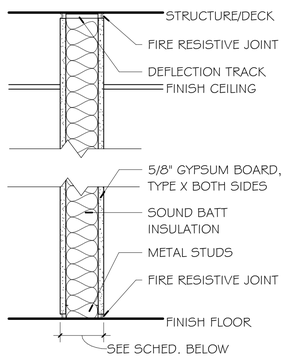
NOTE: DO NOT ADD SOUND BATT INSULATION WHERE THIS DETAIL IS REFERENCED ON PLAN



c: PARTITION MODIFIER

NOTE: DO NOT ADD SOUND BATT INSULATION WHERE THIS DETAIL IS REFERENCED ON PLAN

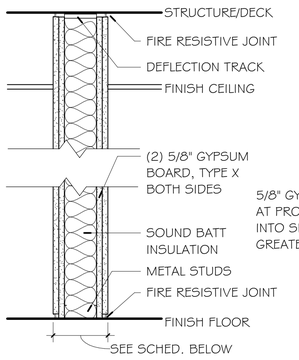




A: 1HR RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
A1	3-5/8"	4-7/8"	NONE	
A2	3-5/8"	4-7/8"	3"	
A3	4"	5-1/4"	NONE	
A4	4"	5-1/4"	3"	
A5	6"	7-1/4"	NONE	
A6	6"	7-1/4"	3"	

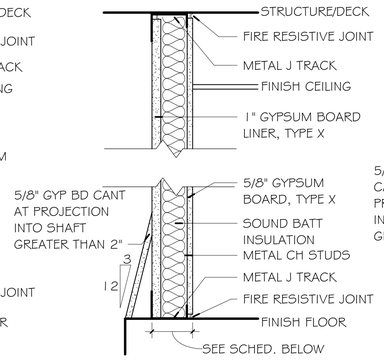
UL DESIGN: U465



B: 2 HR RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
B1	3-5/8"	6-1/8"	NONE	
B2	3-5/8"	6-1/8"	3"	
B3	4"	6-1/2"	NONE	
B4	4"	6-1/2"	3"	
B5	6"	8-1/2"	NONE	
B6	6"	8-1/2"	3"	

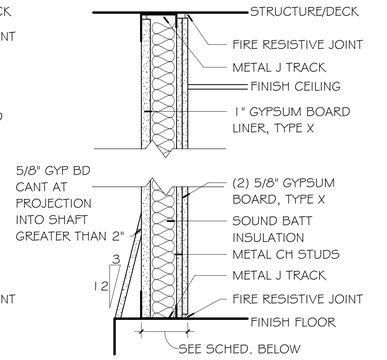
UL DESIGN: U425 OR U407



C: 1 HR RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
C1	2-1/2" CH	3-1/8"	NONE	
C2	2-1/2" CH	3-1/8"	1-1/2"	
C3	4" CH	4-5/8"	NONE	
C4	4" CH	4-5/8"	3"	
C5	6" CH	6-5/8"	NONE	
C6	6" CH	6-5/8"	3"	

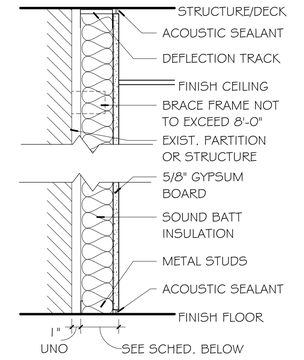
UL DESIGN: U415



D: 2 HR RATED PARTITION

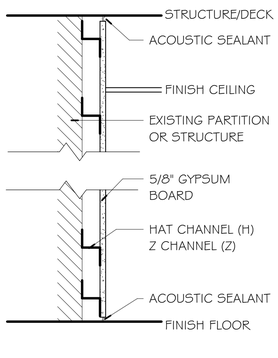
P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
D1	2-1/2" CH	3-1/4"	NONE	
D2	2-1/2" CH	3-1/4"	1-1/2"	
D3	4" CH	5-1/4"	NONE	
D4	4" CH	5-1/4"	3"	
D5	6" CH	7-1/4"	NONE	
D6	6" CH	7-1/4"	3"	

UL DESIGN: U415



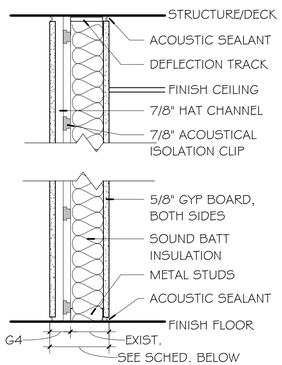
E: NON-RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
E1	1-5/8"	2-1/4"	NONE	
E2	1-5/8"	2-1/4"	1"	
E3	2-1/2"	3-1/8"	NONE	
E4	2-1/2"	3-1/8"	2"	
E5	3-5/8"	4-1/4"	NONE	
E6	3-5/8"	4-1/4"	3"	
E7	4"	4-5/8"	NONE	
E8	4"	4-5/8"	3"	
E9	6"	6-5/8"	NONE	
E10	6"	6-5/8"	6"	



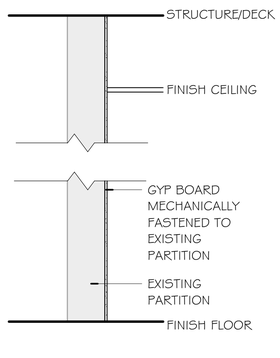
F: NON-RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
F1	7/8" H	1-1/2"	NONE	
F2	1" Z	1-5/8"	NONE	
F3	1-1/2" Z	2-1/8"	NONE	
F4	2" Z	2-5/8"	NONE	



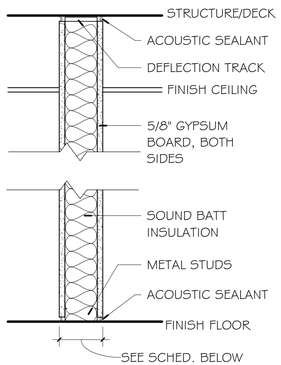
G: NON-RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
G1	3-5/8"	6-1/2"	3"	3
G2	4"	7"	3"	3
G3	6"	9"	6"	3
G4	EXIST.	1-3/4"	NONE	3



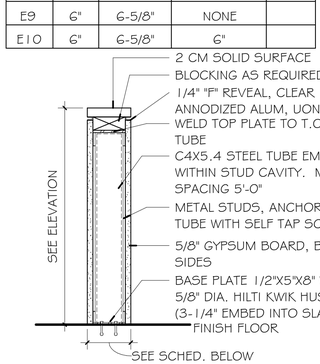
H: NON-RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
H1	EXIST.	1/4"	NONE	
H2	EXIST.	1/2"	NONE	4
H3	EXIST.	5/8"	NONE	
H4	EXIST.	1"	NONE	



J: NON-RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
J1	3-5/8"	4-7/8"	NONE	
J2	3-5/8"	4-7/8"	3"	
J3	4"	5-1/4"	NONE	
J4	4"	5-1/4"	3"	
J5	6"	7-1/4"	NONE	
J6	6"	7-1/4"	6"	



K: NON-RATED PARTITION

P-TYPE	STUD SIZE	PARTITION THICKNESS	SOUND ATTENUATION BLANKET	KEYED NOTES
K1	3-5/8"	4-7/8"	NONE	5
K2	4"	5-1/4"	NONE	6
K3	6"	7-1/4"	NONE	6

PARTITION GENERAL NOTES:

FRAMING & FINISH:
VERTICAL AND HORIZONTAL SPANS NOT TO EXCEED MANUFACTURES RECOMMENDATIONS. SEE STRUCTURAL DRAWINGS FOR REINFORCING AND BRACING IN CMU PARTITIONS.

GYPSUM BOARD PARTITIONS TO BE TAPED AND SANDED SMOOTH TO MEET SPECIFIED FINISH - SEE FINISH SCHEDULE.

SEE FINISH PLANS AND LEGEND FOR SCHEDULED WALL BASE.

CONTROL JOINTS (CJ) SHALL BE INSTALLED AT A MAXIMUM OF 30'-0" OC AND AT MAJOR INTERRUPTIONS

ALL OPENINGS, PENETRATIONS, AND JOINTS TO BE SEALED AS FOLLOWS:

SMOKE PARTITION:
CONTINUOUS SEAL WITH ELASTOMETRIC SEALANT. SEE CODE PLANS FOR EXTENT AND LOCATION.

FIRE PARTITION:
SEAL PER SPECIFICATIONS FOR FIRE STOP SYSTEMS AND FIRE RESISTIVE JOINT SYSTEMS. SEE CODE PLANS FOR EXTENT AND LOCATION.

PROVIDE IDENTIFICATION LABELING 12" ABOVE SUSPENDED CEILINGS. APPLY 12" HIGH RED LETTERING STATING "FIREWALL" EVERY 4 FEET FOR ENTIRE LENGTH OF SUSPENDED CEILING AREA.

NON-RATED PARTITION:
ALL GYPSUM BOARD TO BE 5/8" TYPE X UNLESS OTHERWISE NOTED. REFER TO SPECIFICATIONS FOR GYPSUM TYPE DESCRIPTIONS.

MECHANICALLY FASTEN GYPSUM BOARD TO EXISTING WALLS.

SEE FINISH SCHEDULE FOR ANY ADDITIONAL FINISHES WHICH WILL BE APPLIED TO SURFACE OF PARTITIONS.

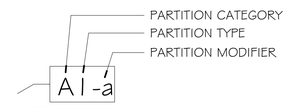
TILE LOCATIONS TO HAVE CEMENT BOARD BACKER AS SPECIFIED

NO BATT INSULATION IN PARTITIONS HALF HEIGHT WALLS.

ACOUSTIC PARTITIONS:
INFILL GAPS AT THROUGH-WALL PENETRATIONS AND CAULK AS REQUIRED TO PREVENT SOUND TRANSFER WHERE INSULATION IS SHOWN.

FILL JOINT WITH MINERAL WOOL AND 1/2" DEEP NON-SAG ACOUSTICAL SEALANT.

RECESSED ITEMS IN PARTITION SHALL NOT BE INSTALLED BACK TO BACK.



NOTE:
A = STANDARD PARTITIONS
AA = PROJECT SPECIFIC PARTITIONS

PARTITION KEYED NOTES:

1. PROVIDE CONTINUOUS THERMAL BARRIER AT LOCATIONS OF SPRAY FOAM INSULATION
2. 1" RIGID INSULATION IN LIEU OF BATT INSULATION ON EXTERIOR WALLS WITH RETURN AIR PLENUMS. SEE WALL SECTIONS.
3. FACE OF PARTITION WITH ACOUSTIC ISOLATION CLIPS NOT TO RECEIVE TILE
4. DEMO EXISTING TILE/SUBSTRATE AND ATTACH CEMENT BOARD IN LIEU OF GYP BOARD FOR TILE BACKING. WHERE DEMO OCCURS EXTEND VERTICALLY TO COVER INSULATION/STUD CAVITY
5. OMIT STEEL TUBE AND BASE PLATE.
6. OMIT STEEL TUBE AND BASE PLATE ANCHORED TO SLAB WHERE HALF HEIGHT PARTITION EXTENDS LESS THAN 3'-0" AND HAS LATERAL SUPPORT.
7. CONCRETE MASONRY UNIT RATING DESIGN: NBS REPORT BMS 92 TABLE 26
8. SEE CODE PLAN FOR RATED WALLS

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PARKWAY ECC - WEST CAMPUS
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Parkway PN #652501B
Building Renovation and Site Improvements

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363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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DATE: 11/05/2026

BID/PERMIT SET

PARTITION TYPES

A12.1

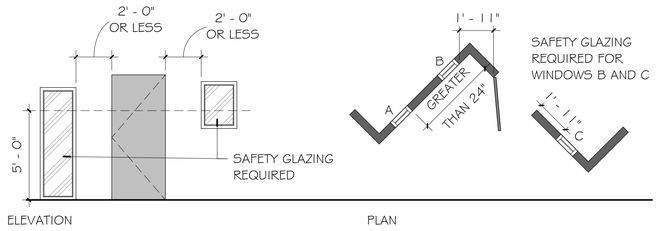
11/2/2026 3:30:51 PM

Door Schedule						
Mark	Width	Height	Door Type	Frame Type	Hardware Group	Comments
2203	3' - 0"	7' - 0"	WD- 1	HM-A	3.02	
2204	3' - 0"	7' - 0"	WD- 1	HM-A	3.02	
2903	3' - 0"	7' - 0"	WD- 1	HM-A	3.02	
2904	3' - 0"	7' - 0"	WD- 1	HM-A	3.02	

GENERAL NOTE: REFER TO SPECIFICATIONS FOR HARDWARE GROUPS.

DOOR GENERAL NOTES:

1. COORDINATE AND PROVIDE HARDWARE AS DETAILED IN THE SPECIFICATIONS OR, IF NOT SPECIFIED, PROVIDE HARDWARE (OF EQUAL QUALITY TO THAT SPECIFIED, AND MOST SIMILAR IN FUNCTION TO TYPE OF DOOR) REQUIRED FOR DOORS TO OPERATE AND APPEAR AS INTENDED ON DRAWINGS.
2. IF CONFLICT EXISTS BETWEEN DOOR RATING AS SCHEDULED AND WALL/PARTITION TYPE FIRE RATING AS SHOWN ON PLANS, PROVIDE DOOR(S) WITH THE GREATER FIRE RATING OF THE TWO.
3. VERIFY ALL DIMENSIONS AND CLEARANCES, AND COORDINATE UNDERCUTTING REQUIRED TO CLEAR ADJACENT FLOOR MATERIALS.
4. IF A DISCREPANCY EXISTS BETWEEN THE DOOR SCHEDULE REMARKS AND THE HARDWARE SCHEDULE IN THE SPECIFICATIONS, PROVIDE THE HARDWARE NEEDED TO MEET THE MORE STRINGENT OF THE REQUIREMENTS.



TEMPERED GLAZING GENERAL NOTES:

1. GLASS IN ANY DOOR.

2. GLASS IN ANY KIND OF SHOWER, BATHTUB AREA, HOT TUB, STEAM ROOM, SAUNA OR WHIRLPOOL AREA WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 60 INCHES ABOVE A STANDING SURFACE AND DRAIN OUTLET.

3. GLASS IN FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60" ABOVE A WALKING SURFACE.

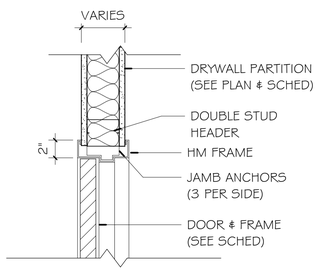
4. GLASS IN FIXED OR OPERABLE PANELS THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
   A. BOTTOM EDGE IS LESS THAN 18" ABOVE FLOOR.
   B. TOP EDGE IS GREATER THAN 36" ABOVE FLOOR.
   C. TOTAL AREA OF GLASS IS GREATER THAN 9 SF.
   D. ONE OR MORE WALKING SURFACES WITHIN 36" HORIZONTALLY OF THE GLAZING.

5. GLASS IN WALLS USED AS A BARRIER FOR INDOOR OR OUTDOOR SWIMMING POOLS OR SPAS WHEN BOTH OF THE FOLLOWING EXIST:
   A. THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60" ABOVE A POOL SIDE OF THE GLAZING.
   B. THE GLAZING IS WITHIN 5 FEET OF A SWIMMING POOL OR SPA DECK AREA.

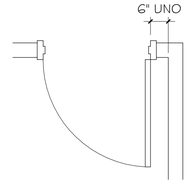
6. GLASS IN WALLS ENCLOSING STAIRWAY LANDINGS OR WITHIN 5 FEET OF THE BOTTOM AND TOP OF STAIRWAYS WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 60" ABOVE A WALKING SURFACE.

7. MINIMUM GLASS THICKNESSES TO MEET GANA PUBLICATION: "LAMINATED GLAZING REFERENCE MANUAL" AND "GLAZING MANUAL" AND IGMA PUBLICATION FOR INSULATING GLASS: SIGMA TM-3000, "NORTH AMERICAN GLAZING GUIDELINES FOR SEALED INSULATING GLASS UNITS FOR COMMERCIAL AND RESIDENTIAL USE."

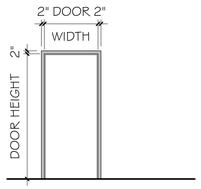
5 TYPICAL TEMPERED GLAZING LOCATION
A12.4 1/4" = 1'-0"



4 TYPICAL DOOR JAMB DETAIL
A12.4 1 1/2" = 1'-0"



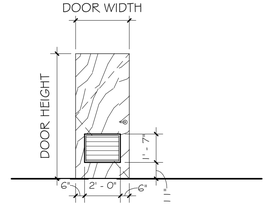
3 TYPICAL DOOR LOCATION
A12.4 1/2" = 1'-0"



TYPE HM-A
TYPE: DOUBLE RABBET
MATERIAL: HOLLOW MTL
FINISH: PAINT

GENERAL NOTES:
1. REFER TO ELECTRICAL DRAWINGS FOR WIRING DIAGRAMS ON ELECTRIFIED DOORS.
2. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING OPENINGS AT LOCATIONS WHERE NEW FRAMES WILL BE INSTALLED.
3. MINIMUM GLASS THICKNESSES TO MEET GANA PUBLICATION: "LAMINATED GLAZING REFERENCE MANUAL" AND "GLAZING MANUAL" AND IGMA PUBLICATION FOR INSULATING GLASS: SIGMA TM-3000, "NORTH AMERICAN GLAZING GUIDELINES FOR SEALED INSULATING GLASS UNITS FOR COMMERCIAL AND RESIDENTIAL USE."

2 FRAME TYPES
A12.4 1/4" = 1'-0"



TYPE WD- 1
TYPE: SWING
MATERIAL: SOLID WOOD
FINISH: STAINED
GLAZING: NONE
LOUVER: PAINT

GENERAL NOTES:
1. MINIMUM GLASS THICKNESSES TO MEET GANA PUBLICATION: "LAMINATED GLAZING REFERENCE MANUAL" AND "GLAZING MANUAL" AND IGMA PUBLICATION FOR INSULATING GLASS: SIGMA TM-3000, "NORTH AMERICAN GLAZING GUIDELINES FOR SEALED INSULATING GLASS UNITS FOR COMMERCIAL AND RESIDENTIAL USE."

1 DOOR TYPES
A12.4 1/4" = 1'-0"

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Project No: 26023

Revisions

Description	Date

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DOOR TYPES

A12.4

11/2/2026 3:30:51 PM

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'

SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2

SCALE: 1" = 1'-0" 0 0.5' 1' 2

SCALE: 3/4" = 1'-0" 0 1' 2' 3

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

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

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

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

11/2/2026 3:30:51 PM

FINISH MATERIAL SCHEDULE

FINISH MARK	PRODUCT TYPE	FINISH MANUFACTURER	STYLE	SIZE	COLOR	FINISH	NOTES
ACT-1	ACOUSTIC CEILING TILE	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	----	---
CG-1	CORNER GUARD	INPRO	FLEXIBLE CLEAR CORNER GUARDS	1" WING SIZE	CLEAR	---	START AT TOP OF WALL BASE
CPT-1	CARPET TILE	TARKETT	ELEVATE DYNEX SD	24" X 24"	MAGNETOSPHERE # 1 1 3020105-50	---	INSTALL: ASHLAR
P-1	PAINT	SHERWIN WILLIAMS	TO MATCH EXISTING	SEE DRAWINGS	TO MATCH EXISTING	TO MATCH EXISTING	---
P-2	PAINT- CEILING	SHERWIN WILLIAMS	SEE SPECIFICATIONS	SEE DRAWINGS	CEILING BRIGHT WHITE	FLAT	---
P-3	PAINT	SHERWIN WILLIAMS	SEE SPECIFSICATIONS	SEE DRAWINGS	SW6494 LAKESHORE	SEMI GLOSS	---
P-4	PAINT	SHERWIN WILLIAMS	SEE SPECIFICATIONS	SEE DRAWINGS	PARKWAY WHITE	SEMI GLOSS	---
T-1	TILE - WALL	DALTILE	COLOR WHEEL - LINEAR	4" X 12"	ARTIC WHITE	GLOSSY	INSTALL:STRAIGHT LAY / GROUT" MAPEI
T-2	TILE-FLOOR	DALTILE	OUTLANDER	24" X 36"	MARINE OU55	MATTE	
TP-1	TOILET PARTITION	SCRANTON	HINY HIDER	SEE DRAWINGS	GREY	ORANGE PEEL	FLOOR MOUNTED OVERHEAD BRACED
TS-1	TRANSITION STRIP	SCHLUTER	SCHEIN	SEE DRAWINGS	SATIN ANODIZED	---	--
TS-2	TRANSITION STRIP	SCHLUTER	DILEX AHK	SEE DRAWINGS	SATIN ANODIZED	---	---
TS-3	TRANSITION STRIP	SCHLUTER	DILEX EHK	90 DEGREE INTERIOR CORNE	SATIN ANODIZED	---	---
TS-4	TRANSITION STRIP	TARKETT	CRS-TAG	SEE DRAWINGS	TAG BEDROCK	---	---
TS-5	TRANSITION STRIP	SCHLUTER	RONDEC	SEE DRAWINGS	SATIN ANODIZED	---	CONTRACTOR TO USE ALL ASSOCIATED TRIM PIECES
TS-6	TRANSITION STRIP	SCHLUTER	DILEX EHK	135 DEGREE INSIDE CORNER	SATIN ANODIZED	---	CONTRACTOR TO USE ALL ASSOCIATED TRIM PIECES
TS-7	TRANSITION STRIP	SCHLUTER	RENO RAMP	SEE DRAWINGS	SATIN ANODIZED	---	CONTRACTOR TO USE ALL ASSOCIATED TRIM PIECES
WB-1	RESILIENT WALL BASE	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	---
WB-2	RESILIENT WALL BASE	TARKETT	COVE BASE	6"	38 PEWTER	---	---
WD-1	WOOD DOOR	TO MATCH EXISTING	TO MATCH EXISTING	SEE DRAWINGS	TO MATCH EXISTING	TO MATCH EXISTING	

GENERAL ROOM FINISH NOTES

A. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY MANUFACTURERS' LEAD TIME REQUIREMENTS FOR ALL FINISHES AND/OR MATERIALS IDENTIFIED IN THE DRAWINGS AND WRITTEN SPECIFICATIONS AND THEREFORE ORDER FINISHES AND/OR MATERIALS IN A TIMELY MANNER TO MEET THE PROJECT COMPLETION SCHEDULE.

B. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY MANUFACTURERS' MINIMUM MATERIAL REQUIREMENTS REQUIRED FOR PURCHASE ORDERS FOR ALL FINISHES AND/OR MATERIALS IDENTIFIED IN THE DRAWINGS AND WRITTEN SPECIFICATIONS.

C. SEE A4.X SERIES SHEETS FOR ADDITIONAL CEILING INFORMATION INCLUDING BUT NOT LIMITED TO CEILING FINISH(ES) INFORMATION.

D. GYP. CEILINGS AND SOFFITS, EXISTING AND NEW, TO BE PAINTED **P-2** UNLESS OTHERWISE NOTED. REFER TO ROOM FINISH TAGS AND REFLECTED CEILING PLANS FOR MORE INFORMATION.

E. SEE A10.X SERIES SHEETS FOR ADDITIONAL INTERIOR ELEVATIONS INFORMATION AND MORE INFORMATION REGARDING ALL FINISH(ES) LOCATIONS, MATERIALS AND/OR PATTERNS.

F. SEE A14.X SERIES SHEETS FOR ALL FLOORING MATERIAL LOCATIONS, PATTERNS, MATERIAL INSTALLATION DIRECTION, CHANGE IN BASE MATERIALS AND/OR BASE COLORS AT NOTED LOCATIONS/ADJACENCIES.

G. SEE A14.X SERIES SHEETS FOR ROOM FINISH TAGS, INDICATING CEILING, WALL, BASE & FLOOR MATERIALS. SEE ROOM FINISH TAG LEGEND FOR INFORMATION REGARDING SCHEDULED FINISHES.

H. ALL KEYNOTES IDENTIFIED BY OVAL SHAPE ON A14.X SERIES FINISH FLOOR PLAN, REFER TO WALL AND/OR COLUMN PAINT COLORS AS INDICATED, UNLESS OTHERWISE NOTED. WHERE NOTES INDICATE PAINT COLORS AT COLUMNS, ALL SIDES OF COLUMN TO BE PAINTED ACCENT COLOR.

I. UNLESS NOTED OTHERWISE ON THE DRAWINGS, REFER TO WRITTEN SPECIFICATIONS FOR ALL PAINT FINISHES. COLORS WILL BE IDENTIFIED ON FINISH LEGEND.

J. PROVIDE LEVEL AND SMOOTH TRANSITIONS BETWEEN CHANGE IN FLOORING MATERIALS, TYP.

K. PROVIDE FLOORING TRANSITION STRIPS, ADAPTORS AND/OR FLOORING REDUCERS AS REQUIRED BETWEEN CHANGE IN FLOORING MATERIAL SEE ROOM FINISH LEGEND "TS-X" FOR DETAILS. CONTRACTOR TO VERIFY THE SUITABILITY OF SPECIFIED TRANSITIONS AND INFORM ARCHITECT OF ANY DISCREPANCIES. IF DISCREPANCIES DO OCCUR, CONTRACTOR TO PROVIDE RECOMMENDED SUBSTITUTIONS FOR ARCHITECT APPROVAL PRIOR TO INSTALLATION. ALL RECOMMENDATIONS MUST ADHERE TO ADA GUIDELINES.

L. UNLESS NOTED OTHERWISE, TRANSITION BETWEEN CHANGE IN MATERIALS SHOULD OCCUR AT CENTER OF DOOR THRESHOLD.

M. FLOORING TO BE INSTALLED UNDER ALL CASEWORK, TYP.

N. WHERE THE SAME FLOORING MATERIAL & INSTALLATION DIRECTION ARE USED IN ADJACENT ROOMS, THE MATERIAL SHOULD CONTINUOUSLY ALIGN BETWEEN ROOMS & DOORS, TYP.

O. INTERIOR HOLLOW METAL DOORS TO BE PAINTED ADJACENT HOLLOW METAL FRAME COLOR, UNLESS NOTED OTHERWISE.

P. WALLS WITH FLOOR TO CEILING WALL TILE DO NOT RECEIVE TILE WALL BASE, TYP.

Q. STACKED WALL TILE TO BE CENTERED ON WALL WITH EQUAL CUT TILES AT CORNERS, UNLESS NOTED OTHERWISE.

R. SEE WRITTEN SPECIFICATION FOR INTERIOR FINISHES REGARDING TOILET PARTITIONS, LOCKERS, & TRIM FOR CERAMIC TILE EDGES.

S. FINISH ALL VISIBLE SIDES OF ALL SOLID SURFACE MATERIALS, TYP. SEE SPECIFICATION FOR MORE INFORMATION.

T. ELECTRICAL DEVICES AND PLATES COLORS:
   1. ON ALL WHITE /WHITE-LIKE PAINTED GYP WALLS - ELECTRICAL DEVICES AND PLATES SHALL BE WHITE.
   2. ON ALL OTHER (NON-WHITE) PAINTED GYP WALLS - ELECTRICAL DEVICES SHALL BE GREY AND PLATES SHALL BE STAINLESS STEEL
   3. ON WALL WITH CERAMIC TILE, ELECTRICAL DEVICES AND PLATES SHALL BE WHITE.

U. ALL CORNERS TO RECEIVE CG-1, UNLESS NOTED OTHERWISE.

V. ALL WALLS SHALL BE PAINTED P-1 UNLESS NOTED OTHERWISE.

W. ALL NEW ACOUSTICAL CEILINGS TO BE ACT-1, UNLESS NOTED OTHERWISE.

X. ALL NEW WOOD DOORS TO BE WD-1 UNLESS NOTED OTHERWISE.

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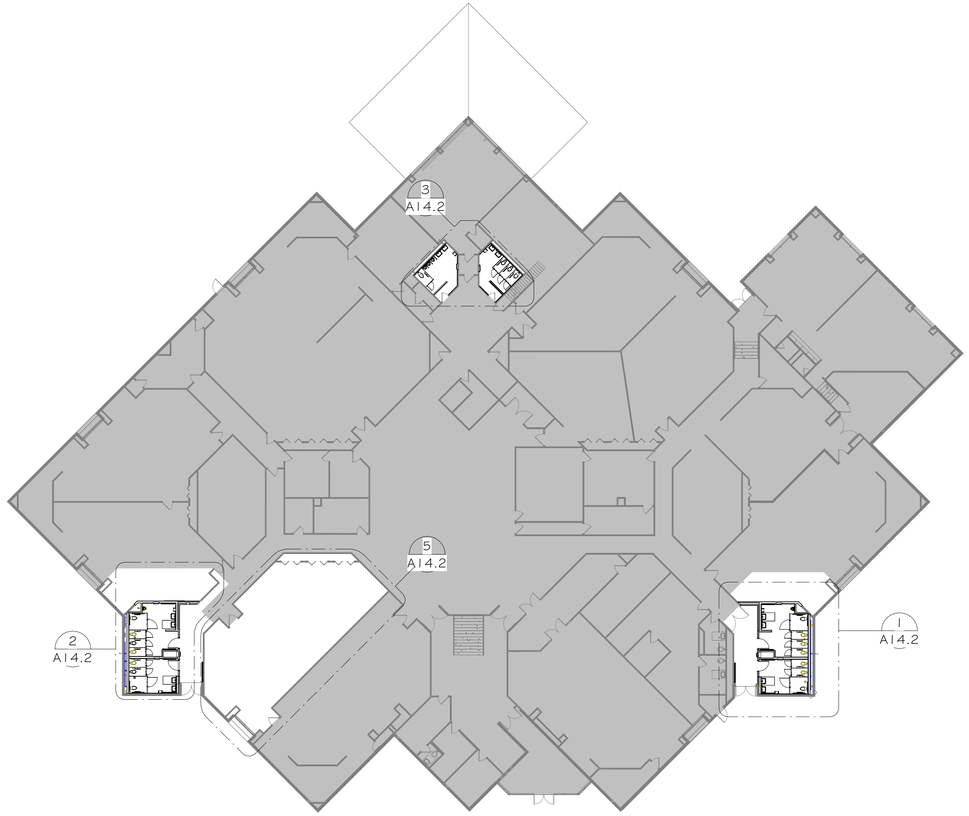
FINISH LEGEND & NOTES

A13.1



1 OVERALL FINISH PLAN - LOWER LEVEL
A1 4.1 3/64" = 1'-0"



2 OVERALL FLOOR PLAN - MAIN LEVEL Copy 1
A1 4.1 3/64" = 1'-0"

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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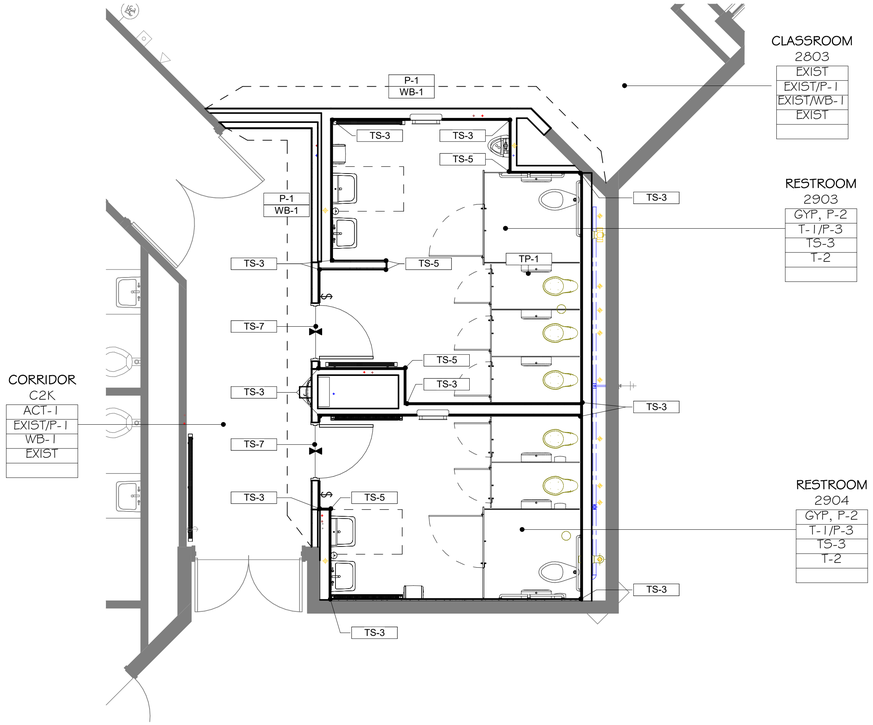
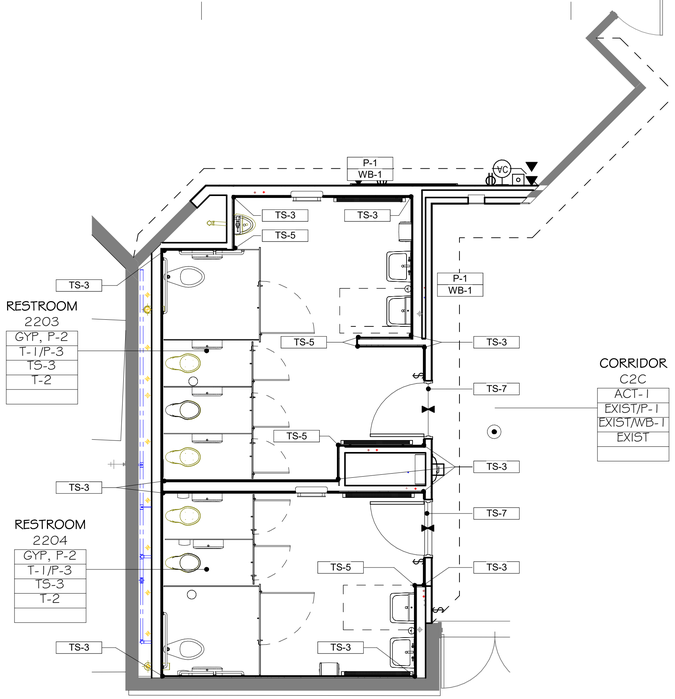
FINISH FLOOR PLAN

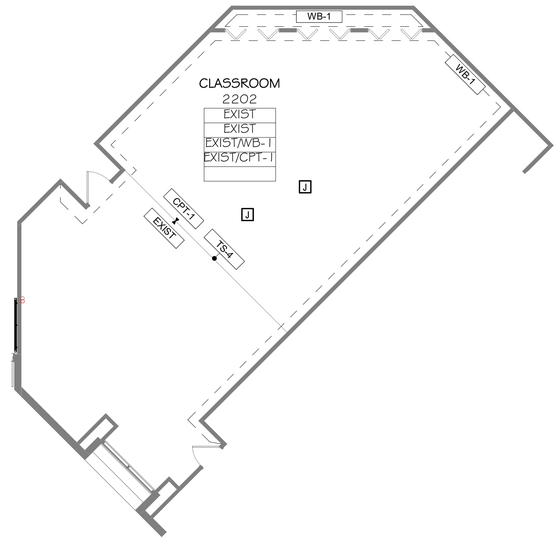
A14.1



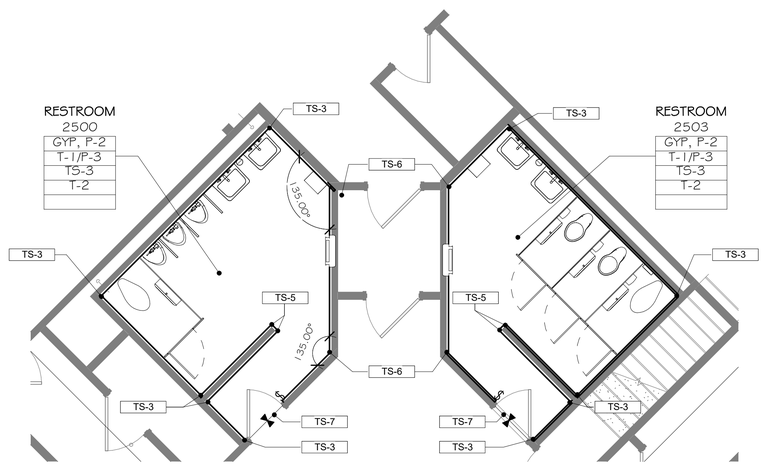
1 ENLARGED FINISH PLAN - RESTROOM 2903 & 2904
A14.2 1/4" = 1'-0"



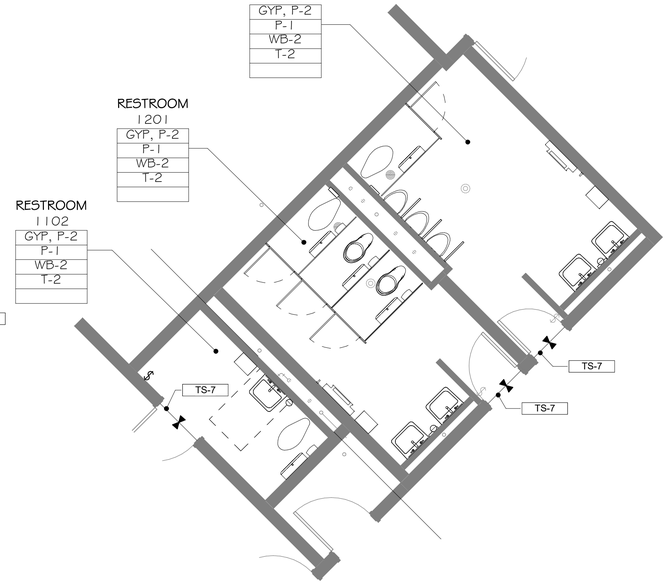
2 ENLARGED FINISH FLOOR PLAN - RESTROOM 2203 & 2204
A14.2 1/4" = 1'-0"



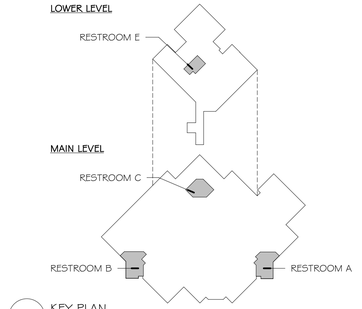
5 ENLARGED FINISH FLOOR PLAN- ROOM 2202
A14.2 1/8" = 1'-0"



3 ENLARGED FINISH FLOOR PLAN - RESTROOM 2500 & 2503
A14.2 1/4" = 1'-0"



4 ENLARGED FINISH FLOOR PLAN - RESTROOM 1201 & 1202
A14.2 1/4" = 1'-0"



KEY PLAN
1" = 100'-0"

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ENLARGED FINISH FLOOR PLAN

A14.2

11/2/2026 3:31:11 PM

SCALE: 3" = 1'-0"

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

SCALE: 1" = 1'-0"

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

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

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

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

SCALE: 1/16" = 1'-0"

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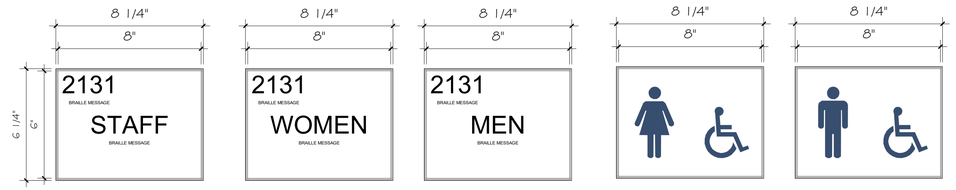
SIGNAGE SCHEDULE				
NUMBER	NAME	SIGNAGE TYPE	TOTAL QUANTITY	SIGNAGE COMMENTS
1102	RESTROOM	C5	C5(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
1201	RESTROOM	C4	C4(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
1202	RESTROOM	C3	C3(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
2202	CLASSROOM			
2203	RESTROOM	C1	C1(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
2204	RESTROOM	C2	C2(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
2301	CLASSROOM			
2500	RESTROOM	C3	C3(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
2503	RESTROOM	C4	C4(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
2803	CLASSROOM			
2903	RESTROOM	C1	C1(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
2904	RESTROOM	C2	C2(1)	REINSTALL SALVAGED COLORED ROOM NUMBER SIGN
C2C	CORRIDOR			
C2K	CORRIDOR			



C5 C4 C3 C2 C1

TYPE C3-C5

FRAME:
MATERIAL: MOLDED PLASTIC
FINISH: BLACK
MOUNTING: SURFACE (WALL) W/ CONCEALED SCREWS

ADA PLAQUE:
FULL OPAQUE W/ RAISED LETTERING, BRAILLE
BACKGROUND COLOR: WHITE
COPY: ARIAL 1"
COPY COLOR: BLACK
BRAILLE COLOR: BLACK

TYPE C1-C2

FRAME:
MATERIAL: MOLDED PLASTIC
FINISH: BLACK
MOUNTING: SURFACE (WALL) W/ CONCEALED SCREWS

GRAPHIC PLAQUE:
FULL OPAQUE W/ SCREENED GRAPHIC
BACKGROUND COLOR: WHITE
GRAPHIC COLOR: BLACK

1 SIGNAGE TYPES
A15.0 3" = 1'-0"

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PARKWAY ECC - WEST CAMPUS
14605 CLAYTON RD., BALLWIN, MO 63011
Parkway PN #652501B
Building Renovation and Site Improvements

Parkway School District
363 N. Woods Mill Rd.
Chesterfield, MO 63017
314.415.8231 tel

Project No: 26023

Revisions

Description	Date

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STATE OF MISSOURI
MICHELLE R. WELLS
NUMBER A-2021031961
ARCHITECT
11/5/26

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DATE: 11/05/2026

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SIGNAGE TYPES & ELEVATIONS

A15.0

ELECTRICAL COMPONENTS EARTHQUAKE LOAD RESISTANCE

OCCUPANCY CATEGORY: III — SEISMIC DESIGN CATEGORY: D

LISTING OF EQUIPMENT AND SYSTEM COMPONENTS IP=1.0	ANCHORAGE TO FLOORS, ROOFS, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY SEALED ANCHORAGE AND SWAY BRACING DETAILS.				COMMENTS
	NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	ON CONST. DOCUMENTS		SUBSEQUENT SUBMITTAL		
					DWG. NO.	SPEC SECT.	SHOP DWGS	SEP. PERMIT	
EMERGENCY OR STANDBY EQUIP. AND SYSTEM COMPONENTS: N/A									N/A
OTHER EQUIPMENT AND SYSTEM COMPONENTS NEEDED FOR CONTINUED OPERATION OF SEISMIC GROUP III FACILITIES OR WHOSE FAILURE COULD IMPAIR THEIR CONTINUED OPERATION: N/A									
OTHER GENERAL EQUIPMENT AND SYSTEM COMPONENTS: DISTRIBUTION PANELS LIGHTING FIXTURES	 X X								DIST. PANELS ARE EXISTING. NOTE 3.

NOTES:

1. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY A OR B.

2. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY C AND THE COMPONENT IMPORTANCE FACTOR = 1.0.

3. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY D, E OR F, AND THE COMPONENT IMPORTANCE FACTOR = 1.0, AND COMPONENTS HAVE APPROVED FLEXIBLE CONNECTIONS NO LESS THAN 3 FEET IN LENGTH TO THE ASSOCIATED DUCTWORK, PIPING AND CONDUIT, AND THE COMPONENTS ARE EITHER:
   A. MOUNTED 4 FEET OR LESS ABOVE THE FLOOR LEVEL AND WEIGH 400 POUNDS OR LESS.
   B. WEIGH 20 POUNDS OR LESS, OR FOR DISTRIBUTION SYSTEMS WEIGHING 5 LB/FT OR LESS.

4. TABLE 4.4 LIGHT FIXTURE, SIGN, CEILING FAN EXEMPTIONS - NOT CONNECTED TO DUCTS OR PIPING, SUPPORTED BY CHAINS OR OTHERWISE SUSPENDED FROM THE STRUCTURE, PROVIDED ALL THE FOLLOWING CRITERIA ARE MET:
   A. THE EDSIGN LOAD FOR SUCH ITEMS SHALL BE EQUAL TO 1.4 TIMES THE OPERATING WEIGHT ACTING DOWN WITH A SIMULTANEOUS HORIZONTAL LOAD EQUAL TO 1.4 TIMES THE OPERATING WEIGHT. THE HORIZONTAL LOAD SHALL BE APPLIED IN THE DIRECTION THAT RESULTS IN THE MOST CRITICAL LOADING FOR DESIGN.
   B. SEISMIC INTERACTION EFFECTS SHALL BE CONSIDERED PER SECTION 13.2.3 OF ASCE 7-10.
   C. THE CONNECTION TO THE STRUCTURE SHALL ALLOW A 360 DEGREE RANGE OF MOTION IN THE HORIZONTAL PLANE.

5. FLEXIBLE CONNECTION REQUIRED BETWEEN EQUIPMENT AND COMPONENTS IF INSTALLATION OTHER THAN MOUNTED TO WALLS AND FLOORS.

1. IT IS THE BASIC INTENT OF THIS CODE BLOCK TO DECLARE WHETHER OR NOT ANCHORAGE AND SWAY BRACING IS BEING PROVIDED ON THE PROJECT. IF SO, TO DECLARE WHETHER OR NOT THE DETAILS ARE SHOWN ON THE PLANS OR WILL BE SHOWN ON A SUBSEQUENT SUBMISSION. IF SEISMIC RESTRAINT OF A COMPONENT IS NOT REQUIRED BY CODE THIS SHOULD BE STATED IN COMMENTS. IF SEISMIC RESTRAINT, WHICH IS NOT REQUIRED BY CODE, IS BEING PROVIDED DUE TO OWNER/DESIGNER REQUIREMENTS, THIS SHOULD ALSO BE STATED IN THE COMMENTS.
2. SHOP DRAWINGS NEED TO BE SUBMITTED TO THE COUNTY A MINIMUM OF TWO WEEKS PRIOR TO THE PLANNED INSTALLATION TO ALLOW FOR PLAN REVIEW AND DISTRIBUTION TO THE INSPECTOR. ADDITIONAL TIME MAY BE NEEDED IF SUCH SUBMISSIONS ARE DEFICIENT.

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STATE OF MISSOURI
MICHAEL D MITCHELL
NUMBER PE-2010019571
PROFESSIONAL ENGINEER
10/30/2026

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DATE: 11/05/2026

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ELECTRICAL SEISMIC CODE BLOCK

E0.0

10/30/2026 12:10:44 PM

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1-1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

ELECTRICAL LEGEND AND ABBREVIATIONS (SEE SPECIFICATIONS & SCHEDULES)

NOTES:
1. NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED ON THESE PLANS.
2. ALL MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICES AND EQUIPMENT UNLESS NOTED OTHERWISE.
3. IN GENERAL, SYMBOLS SHOWN WITH LIGHT LINES DENOTE EXISTING WORK. SYMBOLS SHOWN WITH HEAVY LINES DENOTE PROPOSED WORK.

JUNCTION AND PULL BOXES

- J — JUNCTION BOX (4"x4"x1/2" MINIMUM)
- P — PULL BOX

WIRING PLANS

- CONDUIT RUN CONCEALED IN CEILING OR WALL CONSTRUCTION
- CONDUIT RUN IN FLOOR CONSTRUCTION OR UNDERGROUND
- CONDUIT RUN EXPOSED
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- CONDUIT CAPPED FOR FUTURE.
- HOMERUN TO PANEL OR DESTINATION NOTED
- HACHURES INDICATE NUMBER OF CONDUCTORS IN CONDUIT NOTE:
  - LONG HACHURE - NEUTRAL CONDUCTOR SHORT HACHURE - HOT OR SWITCHED CONDUCTORS
  - LONG HACHURE WITH DOT - GROUND CONDUCTOR
  - LONG HACHURE WITH DOT & RETURN LINE - ISOLATED GROUND CONDUCTOR.
  - WHEN HACHURES ARE NOT SHOWN AND WIRING IS FOR POWER OR LIGHTING CIRCUITS, PROVIDE HOT, NEUTRAL, AND GROUND. WHEN FOR MULTIPLE CIRCUITS, PROVIDE NO. OF PHASE CONDUCTORS, NEUTRAL CONDUCTORS AND A GROUND CONDUCTOR. HACHURES ARE SHOWN AS A GUIDE AND MAY NOT BE EXACT COUNTS IN ALL CASES. PROVIDE WIRING REQUIRED BY THE CIRCUITING AND SWITCHING REQUIREMENTS FOR THE PARTICULAR CIRCUITS INVOLVED.

POWER EQUIPMENT

- MOTOR - SEE EQUIPMENT DATA SCHEDULE FOR HORSEPOWER
- STARTERS (MANUAL, MAGNETIC & COMB. MAGNETIC WITH DISC.)
- 016-PLH-003
  - PANELBOARD SEQUENCE NUMBER
  - PANELBOARD TYPE:
    - PEH - EMERGENCY - 277/480V
    - PEL - EMERGENCY - 120/208V
    - PEP - EMERGENCY - 120/240V OR 240V
    - PLH - LIGHTING - 277/480V
    - PLL - LIGHTING - 120/208V
    - PLP - LIGHTING - 120/240V OR 240V
    - PPH - POWER - 277/480V
    - PPL - POWER - 120/208V
    - PPP - POWER - 120/240V OR 240V
    - PTH - TVSS - 277/480V
    - PTL - TVSS - 120/208V
    - PTP - TVSS - 120/240V OR 240V
  - PARKWAY SCHOOLS BUILDING NUMBER
- TRANSFORMER
- F N — DISCONNECT SWITCH. FUSED OR UNFUSED AS NOTED
- M — ELECTRICAL SERVICE METER

SWITCHES - LIGHTING CONTROL

TYPICAL MOUNTING HEIGHT - 48" AFF

- 2 3 4 / $ $ $ — SWITCHES - SINGLE POLE, 2 POLE, 3-WAY, 4-WAY
- $Da — DIMMER SWITCH

LIGHTING FIXTURES

- A-1-a — LIGHTING FIXTURE
  - A - DESIGNATES FIXTURE TYPE
  - 1 - DESIGNATES CIRCUIT NUMBER
    - (EC) - DESIGNATES EXISTING CIRCUIT
  - a - DESIGNATES CONTROLLING SWITCH)
    - (E) - DESIGNATES EXISTING SWITCH
- LIGHTING FIXTURE WITH EMERGENCY BATTERY - PROVIDE REMOTE TEST SWITCH
- WALL MOUNTED LIGHTING FIXTURE - HEIGHT PER ARCHITECTURAL ELEVATIONS
- RECESSED OR SURFACE LIGHTING FIXTURE (EMERGENCY IF SHADED AS ABOVE)
- WALL MOUNTED LIGHTING FIXTURE (EMERGENCY IF SHADED AS ABOVE)
- STRIP FIXTURE (EMERGENCY IF SHADED AS ABOVE)
- BATTERY OPERATED EMERGENCY LIGHTING UNIT
- EXTERIOR LIGHTING FIXTURE - POLE MOUNTED TYPES AND DETAILS AS NOTED
- CLG / WALL
  - EXIT SIGN DOUBLE-SIDED FIXTURE DIRECTIONAL ARROWS AS INDICATED
  - EXIT SIGN SINGLE-SIDED FIXTURE DIRECTIONAL ARROWS AS INDICATED
  - SHADING INDICATES FACE(S)

OCCUPANCY SENSORS AND TIMERS

(SEE SPECIFICATION FOR ADDITIONAL INFORMATION)

- $ OS — WALL MOUNT OCCUPANCY SWITCH
- $ Pa — PASSIVE INFRARED TYPE WALL SWITCH OCCUPANCY DETECTOR
- $ PUa — DUAL TECHNOLOGY TYPE WALL SWITCH OCCUPANCY DETECTOR
- P — PASSIVE INFRARED TYPE CEILING OCCUPANCY DETECTOR
- PU — DUAL TECHNOLOGY TYPE CEILING OCCUPANCY DETECTOR

DRAWING REFERENCES

- DETAIL NUMBER
- PLAN DETAIL REFERENCE TITLE
- DRAWING NUMBER
- 3 — KEYED NOTE DESIGNATION
- 1 / E101 — SECTION NUMBER / SECTION REFERENCE TITLE / DRAWING NUMBER
- 1 / 4 E101 2 / 3 — ELEVATION NUMBER (TYPICAL OF 4) / ELEVATION REFERENCE TITLE / DRAWING NUMBER

WIRING DEVICES, RECEPTACLES - MISC.

TYPICAL MOUNTING HEIGHT - 18" AFF

- SINGLE RECEPTACLE OUTLET
- DUPLEX RECEPTACLE OUTLET
- DUPLEX RECEPTACLE OUTLET - GROUND FAULT TYPE
- USB — COMBINATION DUPLEX RECEPTACLE AND USB OUTLET
- IG — DUPLEX RECEPTACLE OUTLET WITH ISOLATED GROUND
- DOUBLE DUPLEX RECEPTACLE OUTLET
- DOUBLE DUPLEX RECEPTACLE OUTLET - GROUND FAULT TYPE
- OC — DUPLEX RECEPTACLE OUTLET MOUNTED +8" ABOVE COUNTER
- OC — DUPLEX RECEPTACLE OUTLET MOUNTED +8" ABOVE COUNTER - GROUND FAULT TYPE
- FLOOR BOX - SYMBOL DESIGNATES TYPE OF SERVICE
- SPECIAL PURPOSE OUTLET AS NOTED

ABBREVIATIONS

A.C.S.	-	ACCESS CONTROL SYSTEM
A.F.F.	-	ABOVE FINISHED FLOOR
ATS	-	AUTOMATIC TRANSFER SWITCH
B.C.	-	BELOW CEILING
C	-	CONDUIT
CAM	-	CAMERA
CB	-	CIRCUIT BREAKER
CC	-	CONTROL CONTACTOR
CCTV	-	CLOSED CIRCUIT TELEVISION
CCW	-	COUNTER CLOCKWISE
CW	-	CLOCKWISE
DCU	-	DISTRIBUTED CONTROLLER UNIT
DN	-	DOWN
DP	-	DISTRIBUTION PANEL
DT	-	DUSTTIGHT
DWG	-	DRAWING
E.C.	-	ELECTRICAL CONTRACTOR
ELEC	-	ELECTRIC OR ELECTRICAL
EMT	-	ELECTRICAL METALLIC TUBING
ER	-	EXISTING RELOCATED
ETR	-	EXISTING TO REMAIN
EWC	-	ELECTRIC WATER COOLER
FA	-	FIRE ALARM
FM	-	F/O MODEM
F/O	-	FIBER OPTIC
FS	-	FUSIBLE SWITCH
G.C.	-	GENERAL CONTRACTOR
GF	-	GROUND FAULT
GFCI	-	GROUND FAULT CIRCUIT INTERRUPTER
GRD	-	GROUND
GRS	-	GALVANIZED RIGID STEEL
HH	-	HANDHOLE
ILSM	-	INTERIM LIFE SAFETY MEASURES
IMC	-	INTERMEDIATE METAL CONDUIT
I/O	-	INPUT/OUTPUT
LAN	-	LOCAL AREA NETWORK
LP	-	LIGHTING PANEL
MATV	-	MASTER ANTENNA TELEVISION
MC	-	METAL CLAD
MCC	-	MOTOR CONTROL CENTER
MCP	-	MOTOR CONTROL PANEL
MH	-	MANHOLE
MT	-	EMPTY CONDUIT
NC	-	NURSE CALL
NL	-	NIGHT LIGHT
PA	-	PUBLIC ADDRESS
PI	-	PORTABLE INTERFACE
P.I.R.	-	PASSIVE INFRA RED
PP	-	POWER PANEL
PR.	-	PAIR
PVC	-	POLYVINYL CHLORIDE CONDUIT
R	-	RECESSED
RF	-	RADIO FREQUENCY
RGS	-	RIGID GALVANISED STEEL
RT	-	RAINTIGHT
SHLD	-	SHIELDED (AS IN CABLE)
SWBD	-	SWITCHBOARD
T	-	TELEPHONE
TYP.	-	TYPICAL
UNG	-	UNGROUNDED
UPS	-	UNINTERUPTIBLE POWER SUPPLY
U.O.N.	-	UNLESS OTHERWISE NOTED
VFD	-	VARIABLE FREQUENCY DRIVE
VT	-	VAPORTIGHT
WT	-	WATERTIGHT
XP	-	EXPLOSION PROOF
WP	-	WEATHER-PROOF

GENERAL NOTES

A. THE ELECTRICAL DRAWINGS HAVE BEEN PREPARED UTILIZING EXISTING DRAWINGS AND BUILDING OBSERVATIONS AND MAY NOT SHOW ALL CONDITIONS. CONTRACTOR SHALL VISIT THE BUILDING PRIOR TO BID SUBMISSION AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS. CONTRACTOR WILL NOT BE ALLOWED ADDITIONAL FUNDS OR TIME DUE TO THE CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS.
B. ACCEPTANCE OF CONTRACT MEANS INSTALLER ACCEPTS EXISTING CONDITIONS.
C. COORDINATE INSTALLATION WITH EXISTING CONDITIONS. FIELD VERIFY EXISTING CONDITIONS.
D. CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM POWER OUTAGES WITH THE OWNER'S REPRESENTATIVE AT LEAST 14 CALENDAR DAYS IN ADVANCE OF A SHUTDOWN. DOWNTIME ON BRANCH CIRCUIT PANELBOARDS, SWITCHBOARDS, DISTRIBUTION PANELBOARDS, MOTOR CONTROL CENTERS, ETC., WHICH SERVE LOADS OUTSIDE OF THE CONSTRUCTION AREAS SHALL BE LIMITED TO A (1) HOUR (MAXIMUM) OUTAGE. MORE THAN (1) SCHEDULED OUTAGE MAY OCCUR ON EACH PIECE OF EQUIPMENT, BUT THE MAXIMUM OUTAGE TIME MUST BE MAINTAINED.
E. ALL PENETRATIONS THROUGH CONCRETE OR MASONRY WALLS AND FLOOR SLABS SHALL BE CORE DRILLED. AFTER CONDUITS HAVE BEEN INSTALLED, SEAL WALL AROUND CONDUIT TO MAINTAIN 2-HOUR FIRE RATING USING UL LISTED METHODS AND MATERIALS. EXTERIOR WALLS SHALL BE SEALED WATERTIGHT.
F. CONTRACTOR SHALL UPDATE EXISTING PANELBOARD CIRCUIT DIRECTORIES TO REFLECT ALL CHANGES MADE TO EXISTING PANELBOARDS DURING THIS PROJECT.
G. WHEN INSTALLING CIRCUIT BREAKERS IN EXISTING PANELBOARDS, MATCH EXISTING CIRCUIT BREAKER TYPES AND INTERRUPTING RATINGS.
H. CONTRACTOR SHALL REFER TO "ARCHITECTURAL REFLECTED CEILING PLANS" FOR PLACEMENT OF ALL LIGHTING FIXTURES, CEILING SPEAKERS, AND SMOKE DETECTORS. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES THAT AFFECT THE PLACEMENT OF CEILING MOUNTED EQUIPMENT.
I. PROVIDE ELECTRICAL METALLIC TUBING (EMT) SLEEVES WITH INSULATED BUSHINGS ON EACH END FOR ALL TELEPHONE, DATA, FIRE ALARM, AND PUBLIC ADDRESS SYSTEM CABLES PASSING THROUGH WALLS AND FLOORS. SEAL AROUND CABLES TO MAINTAIN FIRE RATING OF WALL OR FLOOR.
J. CONTRACTOR SHALL PROVIDE BARRIERS IN BOXES, INCLUDING SWITCHBOXES, TO PROVIDE SEPARATION OF LIFE SAFETY AND CRITICAL BRANCH CIRCUIT WIRING FROM ALL OTHER WIRING AND EQUIPMENT.
K. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING EXISTING DIVISION 26 RELATED ITEMS TO REMAIN IN PLACE WITH THE INSTALLATION OF GENERAL CONSTRUCTION WORK, DUCTWORK, PIPING, ETC. ALL ATTEMPTS SHALL BE MADE PRIOR TO THE START OF CONSTRUCTION TO AVOID THE REMOVAL AND RELOCATION OF EXISTING DIVISION 26 RELATED ITEMS WHICH ARE NOT AFFECTED BY WORK OF THIS CONTRACT.
L. DO NOT ROUTE CONDUITS CONCEALED IN ABOVE GRADE CONCRETE SLABS. CONDUITS SHALL BE ROUTED EXPOSED TO THE UNDERSIDE OF THE SLAB AND STUBBED UP THROUGH THE SLAB TO THE EQUIPMENT BEING SERVED.
M. CONTRACTOR SHALL PROVIDE A SET OF HAND MARKED RECORD DRAWINGS TO THE ENGINEER AT THE COMPLETION OF THE PROJECT INDICATING ACTUAL INSTALLED CONDITIONS. THE HAND MARKING SHALL BE CLEARLY LEGIBLE AND SHALL BE MARKED IN RED. MARKS SHALL INCLUDE ITEMS SUCH AS CIRCUITING CHANGES, DEVICE AND EQUIPMENT LOCATION CHANGES, MAJOR FEEDER AND CABLING ROUTING CHANGES, ETC.
N. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL DEVICE LOCATIONS (RECEPTACLES, VOICE/DATA OUTLETS, SWITCHES, ETC.) WITH ARCHITECTURAL ELEVATIONS AND FURNITURE SUBMITTALS PRIOR TO ROUGH-IN TO ENSURE THAT DEVICES ARE NOT LOCATED BEHIND CABINETS OR FURNITURE. FAILURE TO COORDINATE SHALL NOT RESULT IN ADDITIONAL COST TO THE PROJECT, AND THE DEVICE(S) SHALL BE RELOCATED AT THE CONTRACTORS EXPENSE.
O. ALL RECESSED AND SURFACE MOUNTED LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE BUILDING STRUCTURE WITH TWO (2) #12 GAUGE SUPPORT WIRES PER FIXTURE. THE WIRE AND ATTACHMENTS SHALL BE CAPABLE OF SUPPORTING THE FULL WEIGHT OF THE FIXTURE. PROVIDE ALL NECESSARY COMPONENTS AND MOUNTING HARDWARE FOR A COMPLETE INSTALLATION.
P. PENDANT MOUNTED LIGHT FIXTURES SHALL BE SUPPORTED BY A PRE-MANUFACTURED CABLE HANGER SYSTEM. A TYPICAL SUPPORT SHALL INCLUDE A CEILING CONNECTOR (ANCHOR, EYEBOLT, ETC.), A STAINLESS STEEL 3/32 INCH CABLE (LENGTH AS REQUIRED), AND A FIXTURE CONNECTOR FLANGE ASSEMBLY. THE FIXTURE CONNECTOR ASSEMBLY SHALL BE SECURED TO THE FIXTURE HOUSING WITH TWO SCREWS. A TYPICAL 1' X 4' LIGHT FIXTURE SHALL REQUIRE TWO SUPPORTS, ONE AT EACH END OF THE FIXTURE. THE CABLE HANGER SYSTEM SHALL BE MANUFACTURED BY THE LIGHT FIXTURE MANUFACTURER THE CABLE ASSEMBLY WILL BE USED FOR OR SIMILAR TO THE GRIP-LOCK SYSTEMS LIGHTING AIR CRAFT CABLE HANGER SYSTEM (GRIPLOCKSYSTEMS.COM).
Q. WHERE ARCHITECTURAL DRAWINGS INDICATE EXISTING CEILINGS ARE TO BE RAISED, THE CONTRACTOR SHALL VISIT THE SITE AND IDENTIFY FEEDERS, WIRING, ELECTRICAL EQUIPMENT, SYSTEMS WIRING AND EQUIPMENT, ETC. ABOVE THE CEILING THAT REQUIRE RELOCATION AND SHALL INCLUDE THE COST OF RELOCATION IN THE BID. FAILURE TO INCLUDE THIS COST IN THE BID SHALL NOT RESULT IN ADDITIONAL COST TO THE OWNER.
R. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF EXCAVATION. DAMAGE TO EXISTING UNDERGROUND UTILITIES RESULTING FROM A FAILURE TO LOCATE UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
S. WHERE CIRCUIT NUMBERS ONLY ARE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL PROVIDE CONDUIT AND CONDUCTORS AND SHALL MAKE FINAL CONNECTIONS FOR A COMPLETE INSTALLATION.
T. PROVIDE A MINIMUM OF 6 INCHES OF HORIZONTAL OFFSET BETWEEN RECEPTACLES ON OPPOSITE SIDES OF THE SAME WALL TO MINIMIZE SOUND TRANSMISSION THROUGH WALLS. DO NOT INSTALL RECEPTACLES ON OPPOSITE SIDES OF THE SAME WALL "BACK-TO-BACK".
U. PROVIDE #10 CONDUCTORS FOR ALL 120V, 20A CIRCUITS EXCEEDING 75'-0" IN LENGTH. PROVIDE #8 CONDUCTORS FOR ALL 120V, 20A CIRCUITS EXCEEDING 150'-0" IN LENGTH.
V. ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE.
W. PROVIDE FIRE CAULKING AT ALL RECESSED ELECTRICAL DEVICES INSTALLED IN FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE RATED ASSEMBLIES.
X. PROVIDE A SEPARATE INSULATED NEUTRAL CONDUCTOR FOR EACH UNGROUNDED CONDUCTOR IN A MULTI-WIRE BRANCH CIRCUIT SERVING LINE-TO-NEUTRAL LOADS PER NEC ARTICLE 210.4(B). DO NOT USE HANDLE TIES TO SATISFY THIS REQUIREMENT.

GENERAL DEMOLITION NOTES

A. THE ELECTRICAL CONTRACTOR SHALL REMOVE, CAP AND/OR RELOCATE EQUIPMENT, OUTLETS, CONDUIT, WIRE, ETC., [AS SHOWN AND SPECIFIED ON THE DRAWINGS] [WHETHER INDICATED ON THE DRAWINGS OR NOT], AND AS MAY BECOME NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VISIBLY EXAMINE ALL EXISTING WALLS DESIGNATED FOR REMOVAL OR MODIFICATION TO DETERMINE THE CONDUIT AND THE WIRING THAT WILL REQUIRE CAPPING AND/OR REMOVAL. THE CONTRACTOR SHALL BE HELD TO HAVING VISITED THE SITE AND TAKEN ALL EXISTING CONDITIONS INTO CONSIDERATION.
B. PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUST, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTION AND BARRIERS AFTER DEMOLITION OPERATIONS ARE COMPLETE.
C. LOCATE, IDENTIFY, AND PROTECT ELECTRICAL SERVICES PASSING THROUGH DEMOLITION AREA AND SERVING OTHER AREAS OUTSIDE THE DEMOLITION LIMITS. MAINTAIN SERVICES TO AREAS OUTSIDE DEMOLITION LIMITS. WHEN SERVICES MUST BE INTERRUPTED, INSTALL TEMPORARY SERVICES FOR AFFECTED AREAS.
D. MAINTAIN AND PROTECT EXISTING BUILDING SERVICES WHICH TRANSIT THE AREA AFFECTED BY SELECTIVE DEMOLITION.
E. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING FIXTURES, EQUIPMENT, OUTLETS, ETC., TO REMAIN IN USE WHETHER NOTED ON THE PLANS OR NOT. FIELD VERIFY EXISTING ITEMS TO REMAIN IN USE. WIRING FOR EXISTING CIRCUITS WHICH MUST BE RE-ROUTED OR WHICH ARE PARTIALLY ABANDONED, SHALL BE RECONNECTED TO SERVICE THE REMAINING OUTLETS ON THE CIRCUIT.
F. IN THE DEMOLITION WORK, REMOVE ALL UNUSED WIRING AND CABLES AND UNUSED CONDUIT THAT IS EXPOSED OR WITHIN ACCESSIBLE CEILINGS WHICH IS AFFECTED BY AND IS IN THE AREA OF THE WORK OF THIS CONTRACT.
G. THE INTENTION OF THE ELECTRICAL DEMOLITION IS TO DISCONNECT AND REMOVE ALL ELECTRICAL WORK MADE VOID BY THE SCOPE OF THE CONSTRUCTION AND ALTERATION. FIELD VERIFY EXACT MATERIAL QUANTITIES REQUIRED TO BE REMOVED.
H. WHERE ELECTRICAL EQUIPMENT, CONDUIT, BOXES, AND SUPPORTING HARDWARE ARE REMOVED, PATCH, AND FINISH THE SURFACE AS REQUIRED TO MATCH THE EXISTING, UNLESS OTHERWISE NOTED.
I. WHERE BURIED CONDUITS EXTENDING OUT OF A CONCRETE SLAB BECOME ABANDONED, CUT AND GRIND THE CONDUITS OFF FLUSH WITH TOP OF SLAB AND PLUG WITH NON-SHRINK WATERPROOF GROUT FILL.
J. ALL REMOVED MATERIALS, OTHER THAN REMOVED MATERIALS TO BE RELOCATED, OR STORED, OR TURNED OVER TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE.
K. ACCEPTANCE OF CONTRACT MEANS INSTALLER ACCEPTS EXISTING CONDITIONS.
L. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH ALL OTHER TRADES.
M. IN WALLS OR FLOORS WHERE A FLUSH DEVICE IS BEING REMOVED, BUT THE WALL OR FLOOR REMAINS OR FOR ANY OUTLET WHICH MUST REMAIN, BUT HAS A DEVICE REMOVED, PROVIDE A BLANK COVER OVER THE OUTLET. MATCH THE COLOR AND MATERIAL OF EXISTING REMAINING COVERS IN THE ROOM OR SPACE.
N. LEGALLY DISPOSE OF HAZARDOUS MATERIALS AND BALLASTS OR OTHER EQUIPMENT CONTAINING PCB'S AND LAMPS CONTAINING MERCURY. COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS.
O. MODIFY EXISTING PANEL DIRECTORIES (OR REPLACE) FOR PANELS WHICH HAVE HAD ALTERATIONS TO THE CIRCUITS ORIGINATING THEREIN. DESCRIBE THE LOAD AND LOCATION.
P. WHERE WORK IS TO BE PERFORMED ABOVE EXISTING ACCESSIBLE CEILINGS, CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING CEILING TILES AND GRID WITHOUT DAMAGE; STORAGE OF EXISTING TILES AND GRID WHILE WORK IS BEING PERFORMED, AND INSTALLATION OF EXISTING GRID AND TILES AFTER DIVISION 26 WORK IS COMPLETED.
Q. ALL EXISTING ELECTRICAL WORK AND ASSOCIATED RACEWAY AND WIRING WHICH HAS BEEN MADE OBSOLETE BY THE WORK AND/OR IS SHOWN DASHED ON THE ELECTRICAL DEMOLITION DRAWINGS, SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. ALTHOUGH AN ATTEMPT HAS BEEN MADE TO INDICATE ALL OF THIS WORK, TOTAL ACCURACY IS NOT GUARANTEED. CONTRACTOR SHALL VISIBLY EXAMINE ALL AREAS AND WALLS AND CEILINGS SCHEDULED FOR REMOVAL TO DETERMINE EXISTING ELECTRICAL ITEMS TO REMAIN.

ELECTRICAL SHEET INDEX:

SHEET NO.	SHEET NAME
E0.0	ELECTRICAL SEISMIC CODE BLOCK
E0.1	ELECTRICAL LEGEND AND NOTES
ED2.0	OVERALL DEMOLITION FLOOR PLANS
ED3.1	DEMOLITION ENLARGED PLANS
ED3.2	DEMOLITION ENLARGED PLANS
E2.0	OVERALL FLOOR PLANS
E3.1	ENLARGED PLANS
E3.2	ENLARGED PLANS
E6.0	ELECTRICAL - SCHEDULES
E6.1	ELECTRICAL - SCHEDULES

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Project No: 26023

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ELECTRICAL LEGEND AND NOTES

E0.1

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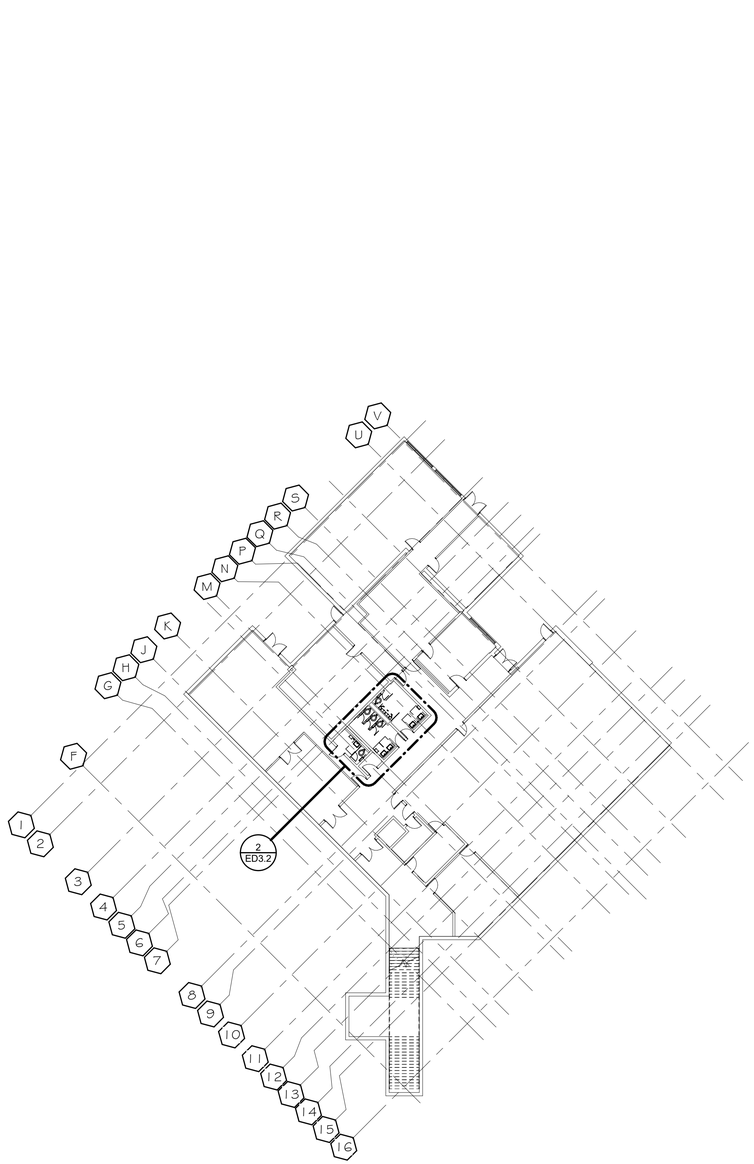
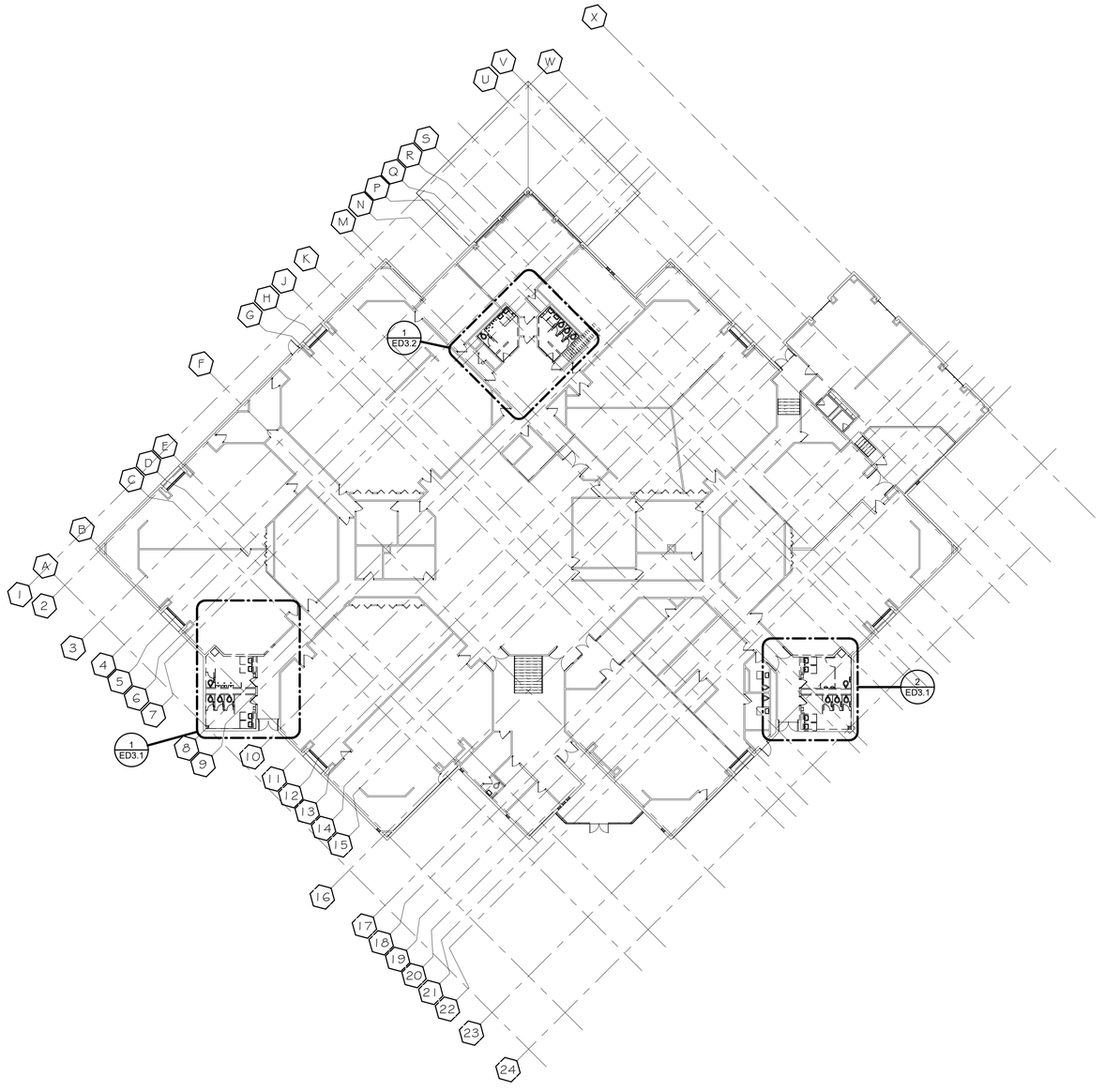
SCALE: 3/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 1" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/16" = 1'-0"



1 ED2.0 OVERALL FLOOR PLAN - LOWER LEVEL - ELECTRICAL DEMOLITION
3/64" = 1'-0"



2 ED2.0 OVERALL FLOOR PLAN - MAIN LEVEL - ELECTRICAL DEMOLITION
3/64" = 1'-0"

10/30/2026 12:10:45 PM

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'

SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'

SCALE: 1" = 1'-0" 0 0.5' 1' 2'

SCALE: 3/4" = 1'-0" 0 1' 2' 3'

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

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

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

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

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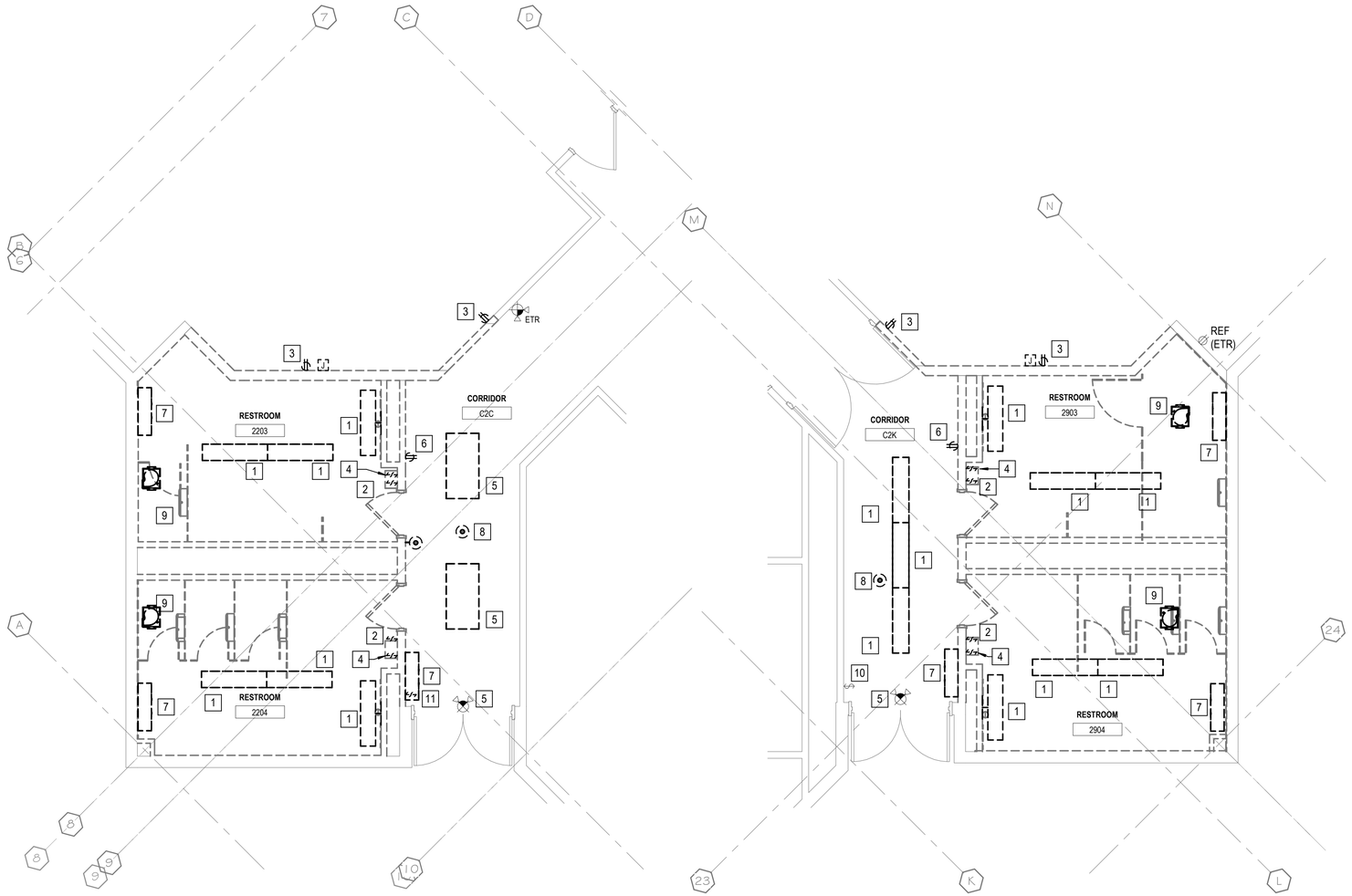
OVERALL DEMOLITION FLOOR PLANS

ED2.0



N 1 ED3.1 ENLARGED FLOOR PLAN - RESTROOM B - ELECTRICAL DEMOLITION
1/4" = 1'-0"

N 2 ED3.1 ENLARGED FLOOR PLAN - RESTROOM A - ELECTRICAL DEMOLITION
1/4" = 1'-0"

GENERAL NOTES

A. ALL EXISTING CONDITIONS INDICATED WITHIN THESE DOCUMENTS ARE BASED ON AVAILABLE INFORMATION AND CASUAL FIELD OBSERVATIONS. VERIFY EXACT FIELD CONDITIONS (QUANTITIES,LOCATIONS, ETC) PRIOR TO BEGINNING WORK

B. ALL DEVICES AND EQUIPMENT SHOWN BOLD AND DASHED ON THIS SHEET ARE TO BE DISCONNECTED, REMOVED, AND DISPOSED OF, UNLESS OTHERWISE INDICATED.

C. ELECTRICAL DEMOLITION SHALL INCLUDE THE DISCONNECTING AND REMOVAL OF ALL LIGHT FIXTURES, ALL END USE ELECTRICAL DEVICES, AND ALL ASSOCIATED ELECTRICAL DISTRIBUTION EQUIPMENT.

D. THE OWNER SHALL BE GIVEN SALVAGE RIGHTS TO ALL EQUIPMENT INDICATED FOR REMOVAL WITHOUT RE-INSTALLATION.

E. DISPOSE OF ALL UN-SALVAGED EQUIPMENT IN AN ENVIRONMENTALLY ACCEPTABLE MANNER.

F. PROTECT ALL FINISHES NOT SCHEDULED FOR DEMOLITION.

G. EXISTING CIRCUITS SHALL BE REUSED TO THE GREATEST EXTENT POSSIBLE.

H. CONTRACTOR SHALL REPAIR AND/OR REROUTE EXISTING CIRCUITS TO REMAIN THAT ARE DISRUPTED BY DEMOLITION.

I. CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR EXECUTION OF DEMOLITION WORK.

KEYED NOTES

1 DEMOLISH EXISTING LIGHT FIXTURE. EXISTING CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

2 DEMOLISH EXISTING LIGHTING CONTROL DEVICE.

3 DEMOLISH EXISTING RECEPTACLE. EXISTING CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

4 DEMOLISH EXISTING WALL SWITCH AND ASSOCIATED WIRING FOR CEILING EXHAUST FAN.

5 REMOVE EXISTING LIGHT FIXTURE AND SAVE FOR REINSTALLATION DURING CEILING REPLACEMENT. CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

6 DEMOLISH EXISTING RECEPTACLE SERVING ELECTRIC WATER COOLER, EXISTING CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

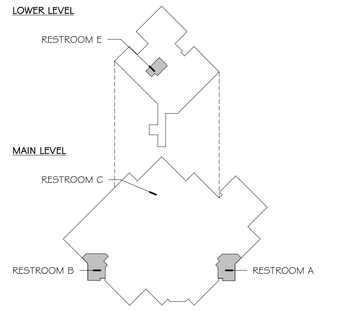
7 DISCONNECT EXISTING CABINET UNIT HEATER AND DEMOLISH CIRCUIT.

8 DISCONNECT AND REMOVE EXISTING CEILING-MOUNTED OCCUPANCY SENSOR. SAVE DEVICE AND WIRING FOR REINSTALLATION.

9 DISCONNECT EXISTING EXHAUST FAN TO BE REPLACED BY OTHERS. RETAIN EXISTING CIRCUIT FOR REUSE IN NEW WORK.

10 EXISTING WIRING DEVICE TO REMAIN.

11 DEMO EXISTING LIGHT SWITCH AND CIRCUIT TO CEILING. RETAIN CIRCUIT FOR REUSE IN NEW WORK.



N KEY PLAN
1" = 100'-0"

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DEMOLITION ENLARGED PLANS

ED3.1

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GENERAL NOTES

A. ALL EXISTING CONDITIONS INDICATED WITHIN THESE DOCUMENTS ARE BASED ON AVAILABLE INFORMATION AND CASUAL FIELD OBSERVATIONS. VERIFY EXACT FIELD CONDITIONS (QUANTITIES,LOCATIONS, ETC) PRIOR TO BEGINNING WORK .

B. ALL DEVICES AND EQUIPMENT SHOWN BOLD AND DASHED ON THIS SHEET ARE TO BE DISCONNECTED, REMOVED, AND DISPOSED OF, UNLESS OTHERWISE INDICATED.

C. ELECTRICAL DEMOLITION SHALL INCLUDE THE DISCONNECTING AND REMOVAL OF ALL LIGHT FIXTURES, ALL END USE ELECTRICAL DEVICES, AND ALL ASSOCIATED ELECTRICAL DISTRIBUTION EQUIPMENT.

D. THE OWNER SHALL BE GIVEN SALVAGE RIGHTS TO ALL EQUIPMENT INDICATED FOR REMOVAL WITHOUT RE-INSTALLATION.

E. DISPOSE OF ALL UN-SALVAGED EQUIPMENT IN AN ENVIRONMENTALLY ACCEPTABLE MANNER.

F. PROTECT ALL FINISHES NOT SCHEDULED FOR DEMOLITION.

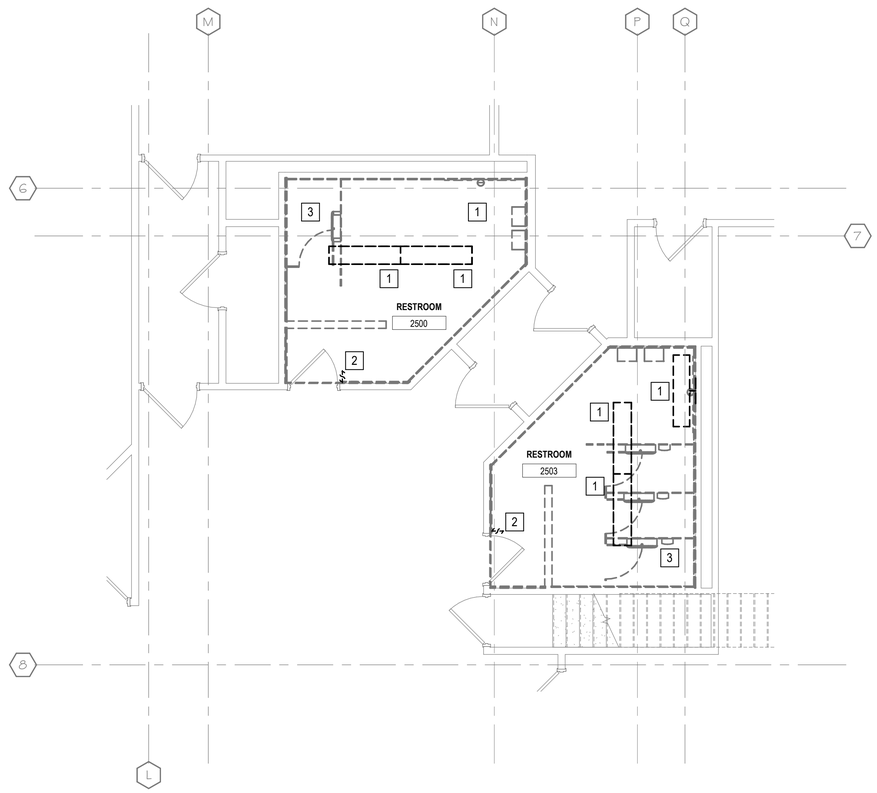
KEYED NOTES

1 DEMOLISH EXISTING LIGHT FIXTURE. EXISTING CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

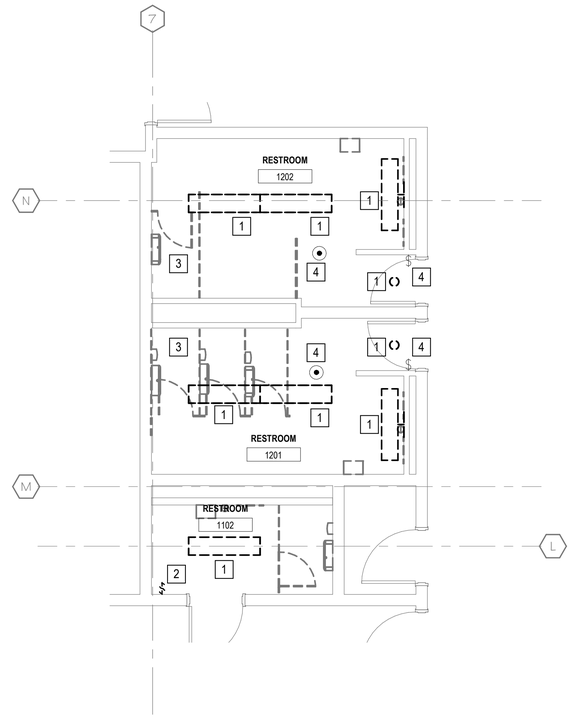
2 DEMOLISH EXISTING LIGHTING CONTROL DEVICE.

3 DISCONNECT EXISTING EXHAUST FAN TO BE REPLACED BY OTHERS. RETAIN EXISTING CIRCUIT FOR REUSE IN NEW WORK.

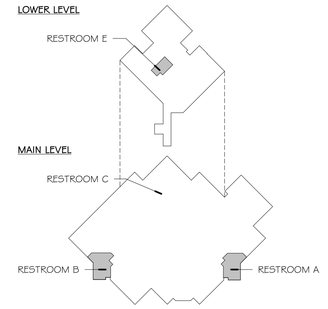
4 EXISTING LIGHTING CONTROL DEVICE TO REMAIN AND BE REUSED.



N 1 ED3.2 ENLARGED PLAN - RESTROOM C - ELECTRICAL DEMOLITION
1/4" = 1'-0"



N 2 ED3.2 ENLARGED PLAN - RESTROOM E - ELECTRICAL DEMO*
1/4" = 1'-0"



KEY PLAN
NOT TO SCALE

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1-1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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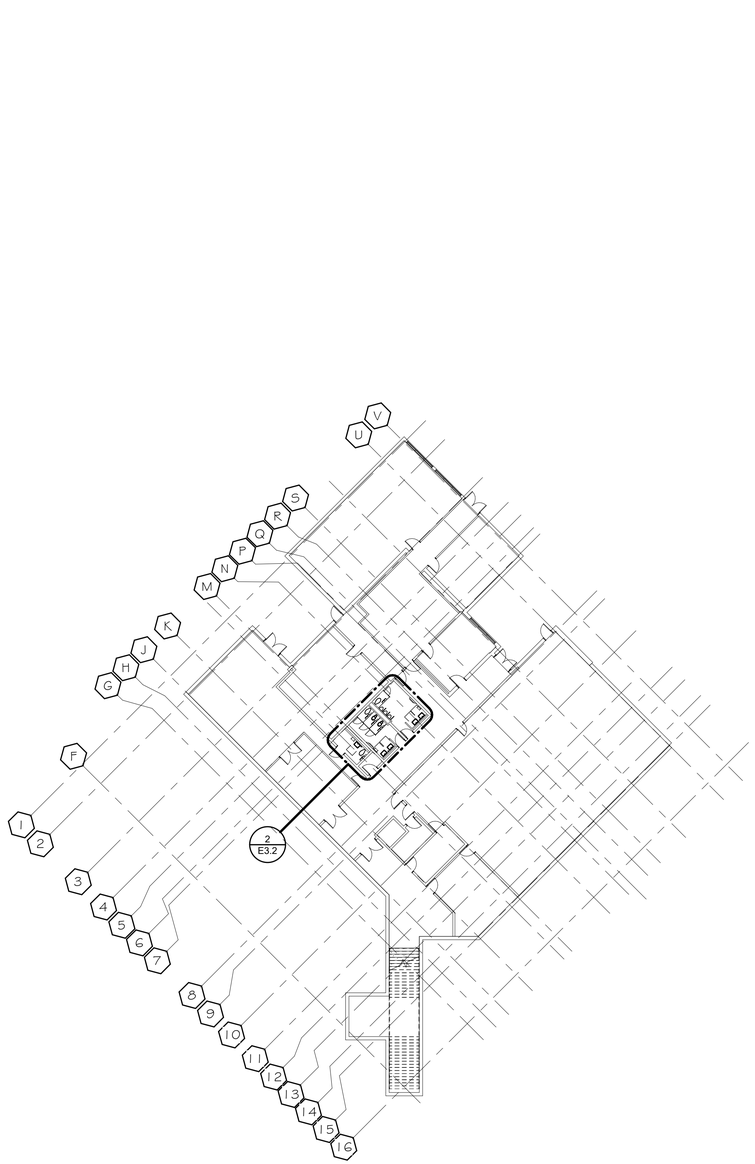
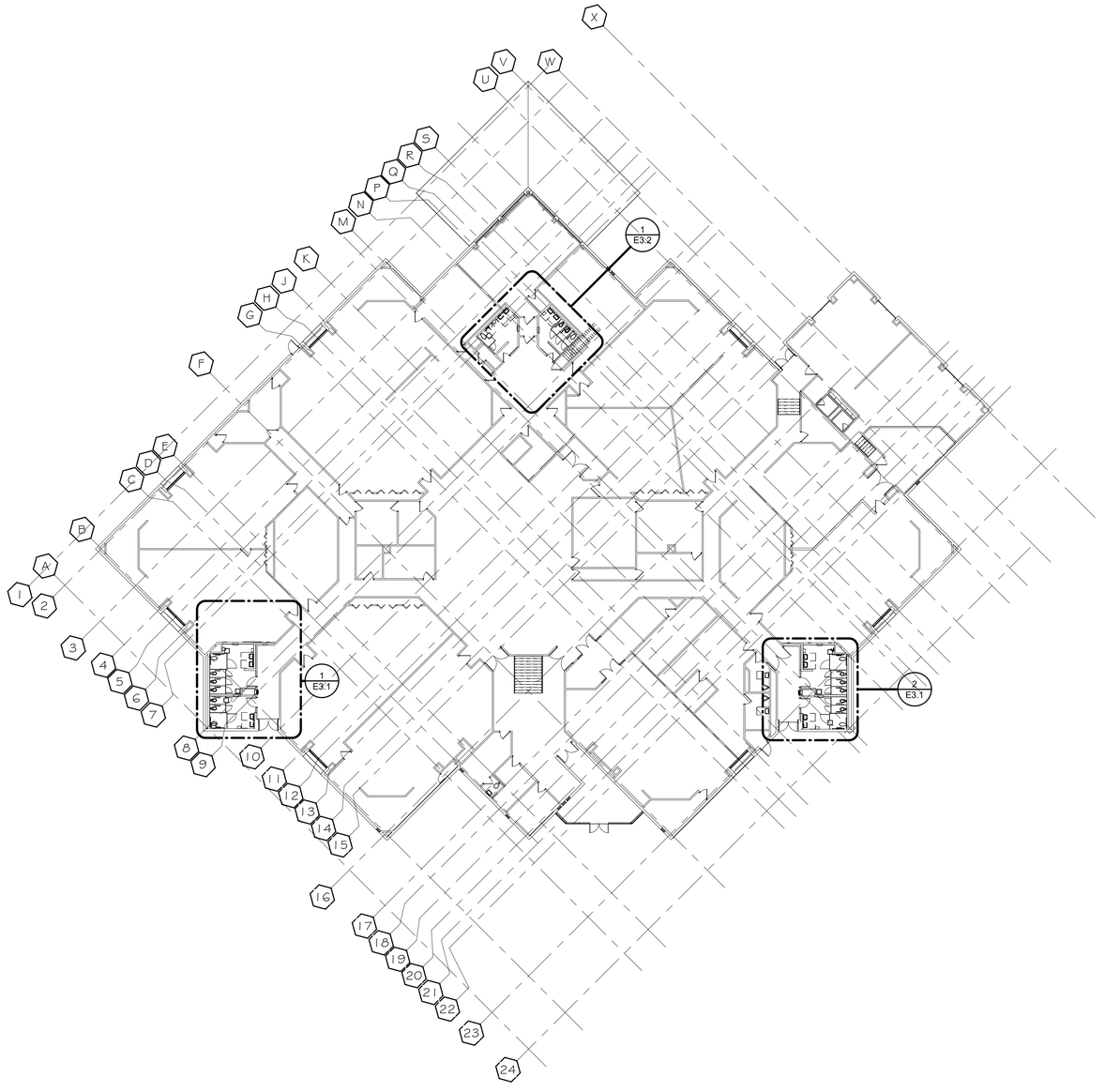
DEMOLITION ENLARGED PLANS

ED3.2



1 OVERALL FLOOR PLAN - LOWER LEVEL - ELECTRICAL
E2.0 3/64" = 1'-0"



2 OVERALL FLOOR PLAN - MAIN LEVEL - ELECTRICAL
E2.0 3/64" = 1'-0"

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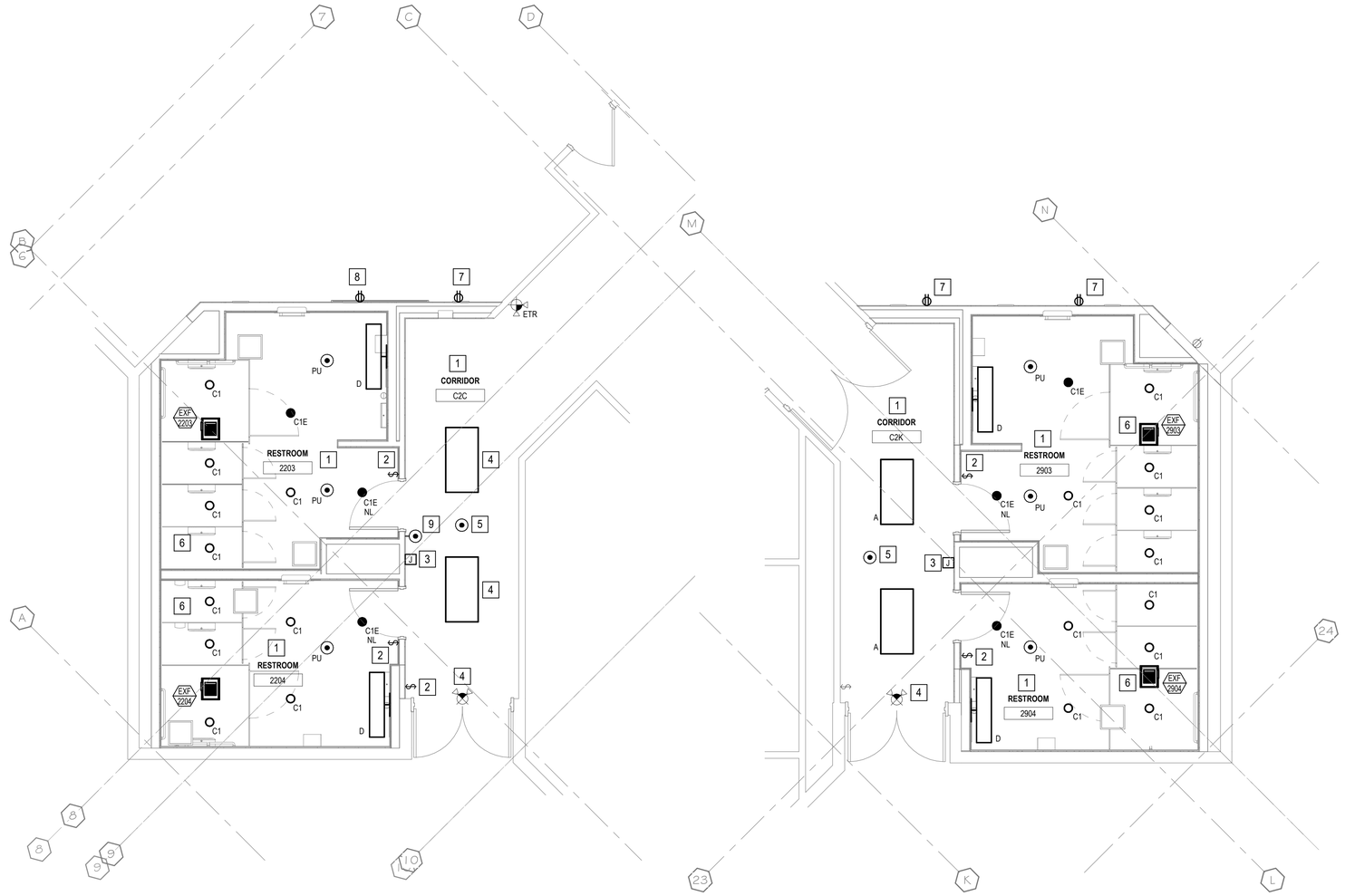
OVERALL FLOOR PLANS

E2.0



N 1 E3.1 ENLARGED FLOOR PLAN - RESTROOM B - ELECTRICAL
1/4" = 1'-0"

N 2 E3.1 ENLARGED FLOOR PLAN - RESTROOM A - ELECTRICAL
1/4" = 1'-0"

GENERAL NOTES

A. ALL EXISTING CONDITIONS INDICATED WITHIN THESE DOCUMENTS ARE BASED ON AVAILABLE INFORMATION AND CASUAL FIELD OBSERVATIONS. VERIFY EXACT FIELD CONDITIONS (QUANTITIES, LOCATIONS, ETC) PRIOR TO BEGINNING WORK.

B. LIGHT FIXTURES NOTED TO BE NIGHT LIGHTS (NL) SHALL BE CONNECTED TO UNSWITCHED LIGHTING CIRCUITS.

C. EMERGENCY BATTERIES IN LIGHT FIXTURES SHALL BE CONNECTED TO UNSWITCHED LIGHTING CIRCUITS.

D. CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR INSTALLATION OF NEW WORK.

KEYED NOTES

1 UTILIZE THE EXISTING CIRCUIT FOR LIGHT FIXTURES IN THIS ROOM. SEE LIGHTING CONTROL SEQUENCE OF OPERATION ON SHEET E6.0 FOR MORE INFORMATION.

2 PROVIDE LIGHT SWITCH AT EXISTING LOCATION. SEE LIGHTING CONTROL SEQUENCE OF OPERATION ON SHEET E6.0 FOR MORE INFORMATION.

3 PROVIDE POWER AND CONNECTION TO ELECTRIC WATER BOTTLE FILLER. EXTEND EXISTING CIRCUIT AS REQUIRED. COORDINATE EXACT LOCATION WITH INSTALLATION OF EQUIPMENT.

4 REINSTALL EXISTING LIGHT FIXTURE AT SAME LOCATION AND CONNECT TO EXISTING UNSWITCHED CIRCUIT.

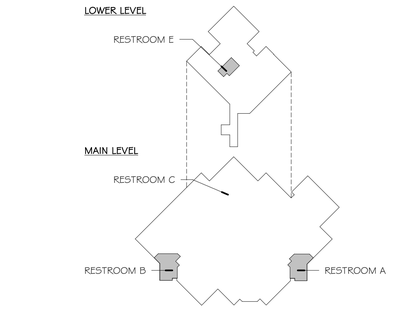
5 REINSTALL EXISTING CEILING-MOUNTED OCCUPANCY SENSOR AND CONNECT TO EXISTING LIGHTING CONTROL CIRCUIT. SEE LIGHTING CONTROL SEQUENCE OF OPERATION ON SHEET E6.0 FOR MORE INFORMATION.

6 CONNECT NEW EXHAUST FAN TO EXISTING UNSWITCHED CIRCUIT. FAN OPERATION TO BE CONTROLLED BY MECHANICAL SYSTEM CONTROLS.

7 PROVIDE RECEPTACLE IN NEW WALL. UTILIZE AND EXTEND EXISTING CIRCUIT AS REQUIRED.

8 PROVIDE RECEPTACLE IN NEW WALL FOR RELOCATED INTERACTIVE BOARD. UTILIZE AND EXTEND EXISTING CIRCUIT AS REQUIRED. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS AND ELEVATIONS.

9 REINSTALL EXISTING CEILING-MOUNTED OCCUPANCY SENSOR AND CONNECT TO EXISTING LIGHTING CONTROL CIRCUIT. SEE LIGHTING CONTROL SEQUENCE OF OPERATION ON SHEET E6.0 FOR MORE INFORMATION.



N KEY PLAN
1" = 100'-0"

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ENLARGED PLANS

E3.1

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GENERAL NOTES

A. ALL EXISTING CONDITIONS INDICATED WITHIN THESE DOCUMENTS ARE BASED ON AVAILABLE INFORMATION AND CASUAL FIELD OBSERVATIONS. VERIFY EXACT FIELD CONDITIONS (QUANTITIES, LOCATIONS, ETC) PRIOR TO BEGINNING WORK.

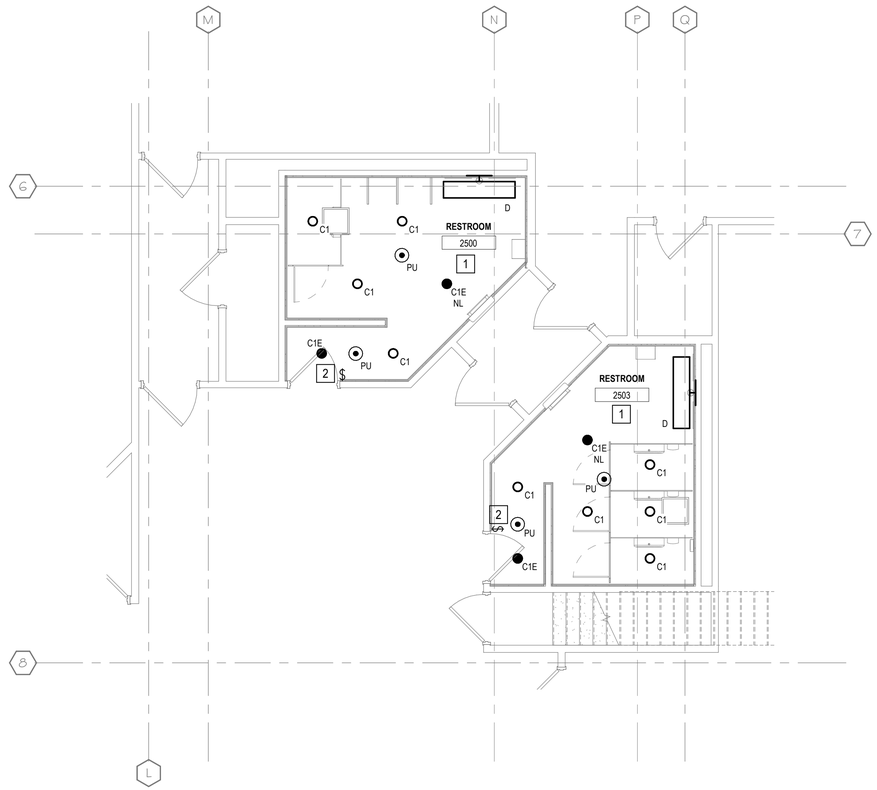
B. LIGHT FIXTURES NOTED TO BE NIGHT LIGHTS (NL) SHALL BE CONNECTED TO UNSWITCHED LIGHTING CIRCUITS.

C. EMERGENCY BATTERIES IN LIGHT FIXTURES SHALL BE CONNECTED TO UNSWITCHED LIGHTING CIRCUITS.

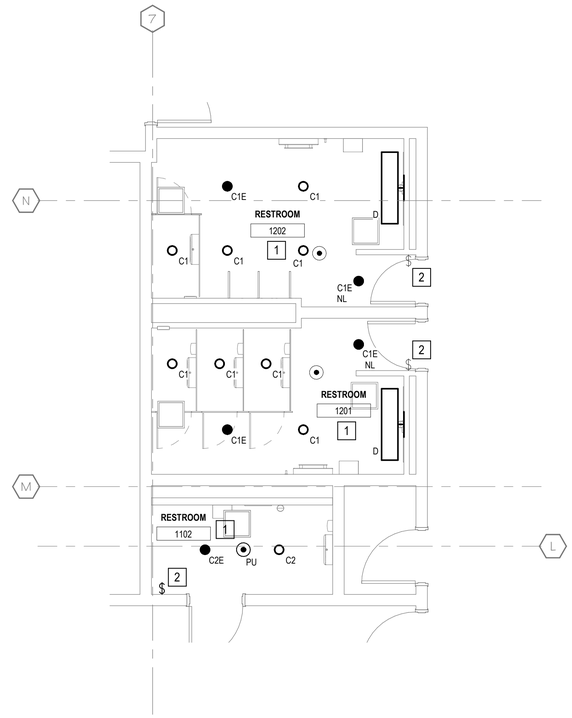
KEYED NOTES

1 UTILIZE THE EXISTING CIRCUIT FOR LIGHT FIXTURES IN THIS ROOM. SEE LIGHTING CONTROL SEQUENCE OF OPERATION ON SHEET E6.0 FOR MORE INFORMATION.

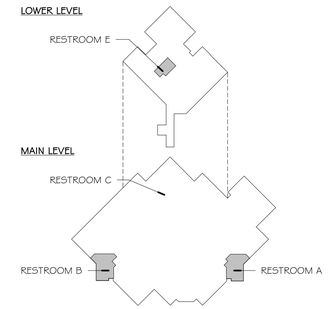
2 PROVIDE LIGHT SWITCH AT EXISTING LOCATION. SEE LIGHTING CONTROL SEQUENCE OF OPERATION ON SHEET E6.0 FOR MORE INFORMATION.



N 1 E3.2 ENLARGED PLAN - RESTROOM C - ELECTRICAL
1/4" = 1'-0"



N 2 E3.2 ENLARGED PLAN - RESTROOM E - ELECTRICAL
1/4" = 1'-0"



N KEY PLAN
1" = 100'-0"

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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Parkway PN #652501B
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Project No: 26023

Revisions

Description	Date

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ENLARGED PLANS

E3.2

LIGHT FIXTURE SCHEDULE

PLAN MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES AND REMARKS	LUMINAIRE VOLTAGE	LIGHT SOURCE INFORMATION			MAXIMUM INPUT WATTS
						TYPE	LUMENS	COLOR TEMP	
A	2' X 4' LAY IN LED FIXTURE	METALUX	24EN-LD2-40-UNV-L840-CD1-U		UNV	LED	4119	4000K	33.9
		APPROVED EQUAL	-						
		-	-						
C1	6" RECESSED LED DOWNLIGHT	HALO COMMERCIAL	HC605D010 - HM60525840 - 61MDH		UNV	LED	500	4000K	6.1
		APPROVED EQUAL	-						
		-	-						
C1E	6" RECESSED EMERGENCY LED DOWNLIGHT	HALO COMMERCIAL	HC605D010REM14 - HM60525840 - 61MDH	PROVIDE EMERGENCY BATTERY WITH REMOTE TEST SWITCH.	UNV	LED	500	4000K	6.1
		APPROVED EQUAL	-						
		-	-						
C2	6" RECESSED LED REMODEL DOWNLIGHT	HALO COMMERCIAL	HC610D010 - HM60525840 - 61MDH		UNV	LED	1000	4000K	10
		APPROVED EQUAL	-						
		-	-						
C2E	6" RECESSED EMERGENCY LED REMODEL DOWNLIGHT	HALO COMMERCIAL	HC610D010REM14 - HM60525840 - 61MDH	PROVIDE EMERGENCY BATTERY WITH REMOTE TEST SWITCH.	UNV	LED	1000	4000K	10
		APPROVED EQUAL	-						
		-	-						
D	4' LED VANITY STRIP LIGHT	METALUX	4BCLED-LD4-32SL-F-UNV-L840-CD1		UNV	LED	3200	4000K	27.6
		APPROVED EQUAL	-						
		-	-						

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

A. CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE, CLIPS, ANGLES, FRAMES, ETC AS REQUIRED TO MOUNT THE FIXTURES IN OR ON THE SURFACES THEY ARE TO BE INSTALLED.
B. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS OF LIGHT FIXTURES.
C. WHEN INSTALLING LUMINARIES, CONTRACTOR SHALL USE THE LIGHT FIXTURE MANUFACTURER'S MOUNTING HARDWARE AND FOLLOW ALL MANUFACTURER'S INSTALLATION DIRECTIONS.
D. ALL RECESSED DOWNLIGHTS MUST BE INSTALLED SO THAT THE BOTTOM OF THE THROAT IS EVEN WITH THE FINISHED CEILING PLANE. THE OVERLAPPING FLANGE MUST THEN FIT FLUSH TO THE CEILING PLANT/THROAT. NO LIGHT LEAK MUST BE VISIBLE. ALL MISCELLANEOUS HARDWARE ABOVE THE CEILING PLANE TO ACCOMPLISH THE ABOVE SHALL BE INCLUDED IN THE BASE BID.
E. ALL RECESSED DOWNLIGHTS SHALL HAVE SELF-FLANGED REFLECTORS.
F. ALL LIGHT FIXTURES SHALL HAVE A U.L. LABEL.
G. WHEN FIXTURES ARE INSTALLED IN CONTINUOUS ROWS 2 OR MORE, FIXTURES SHALL BE APPROVED FOR USE AS WIREWAY.
H. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION CONCERNING FIXTURES, FINISHES, DRIVERS, ETC.
I. INDOOR LED COLOR TEMPERATURE SHALL BE 3500 KELVIN. OUTDOOR LED COLOR TEMPERATURE SHALL BE 4000 KELVIN, UNLESS NOTED OTHERWISE.
J. VERIFY CEILING CONDITIONS AND COORDINATE LIGHT FIXTURE MOUNTING HARDWARE AND TRIMS NEEDED PRIOR TO ORDERING.
K. VERIFY QUANTITIES,MODEL NUMBERS AND DESCRIPTIONS WITH MANUFACTURERS PRIOR TO PLACING ORDER.
L. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURE AND CATALOG NUMBERS ONLY. CONTRACTOR SHALL CONSIDER THE COMPLETE DESCRIPTION, NOTES, SPECIFICATIONS, MOUNTING AND INSTALLATION CONDITIONS IN CONJUNCTION WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURER LISTED AR THE BASIS OF DESIGN.
M. CONTRACTOR SHALL PROVIDE ALL LIGHT FIXTURES UNLESS NOTED OTHERWISE.
N. EMERGENCY BATTERIES FOR LIGHT FIXTURES SHALL BE CONNECTED TO THE UNSWITCHED LIGHTING CIRCUIT IN THE SAME ROOM/AREA
O. LUMENS AND INPUT WATTS SHOWN ON THE LIGHT FIXTURE SCHEDULE ARE FOR REFERENCE ONLY. CONTRACTOR SHALL PERFORM LIGHTING CALCULATIONS TO DETERMINE THE REQUIRED LUMEN OUTPUT FOR EACH ROOM/SPACE TO MEET IES LIGHT LEVEL RECOMMENDATIONS.

LIGHTING CONTROL SEQUENCE OF OPERATION

SPACE TYPE	ROOM NAME/NUMBER	MANUAL ON/OFF WALL SWITCH	DIMMER SWITCH	OVERRIDE SWITCH (2-HOUR TIMER)	MULTI-ZONE SWITCH	MULTI-ZONE SCENE (GRAPHIC)	TIME SCHEDULE ON	TIME SCHEDULE OFF	OCCUPANCY SENSOR - VACANCY MODE	OCCUPANCY SENSOR - OCCUPANCY MODE (AUTOMATIC ON)	INTERIOR DAYLIGHT SENSOR (ON/OFF AND DIMMING)	EXTERIOR PHOTO CONTROL ON	STAND-ALONE ROOM CONTROLS	OCCUPANCY TIME OUT PERIOD (MINUTES)	PLUGLOAD CONTROLLED	NETWORKED	DIMMING LEVELS SET BY PROGRAMMING	CONTROLLED BY MASTER SWITCH	UTILIZE EXISTING LIGHTING CONTROLS	REMARKS
MULTI-OCCUPANT RESTROOM, NEW CONTROLS	2203, 2204, 2500, 2503, 2903, 2904	X	-	-	-	-	-	-	-	X	-	-	X	30	-	-	-	-	-	
MULTI-OCCUPANT RESTROOM, EXISTING CONTROLS	1201, 1202	X	-	-	-	-	-	-	-	X	-	-	X	30	-	-	-	-	X	1
SINGLE-OCCUPANT RESTROOM, NEW CONTROLS	1102	X	-	-	-	-	-	-	-	X	-	-	X	10	-	-	-	-	-	
CORRIDORS	C2C, C2K	X	-	-	-	-	-	-	-	X	-	-	X	30	-	-	-	-	X	1

LIGHTING CONTROL SEQUENCE GENERAL NOTES:

A. LIGHTING CONTROL SYSTEM SHALL COMPLY WITH THE 2015 IECC. THE SYSTEM SHALL INCLUDE, BUT IS NOT LIMITED TO, INDIVIDUAL ROOM CONTROLS (WALL SWITCH,OCCUPANCY SENSORS, POWER PACKS, ETC.), OCCUPANCY SENSORS, DAYLIGHT SENSORS, WALL SWITCHES (DIMMER, SCENE CONTROLLERS, OVERRIDE SWITCHES), NETWORK SWITCH AND BRIDGES, ETC. FOR A COMPLETE AND OPERATIONAL INSTALLATION.
B. STAND-ALONE ROOM CONTROLS SHALL INCLUDE ALL NECESSARY COMPONENTS SUCH AS WALL SWITCHES (ON/OFF, DIMMER, SCENE CONTROLLER, ETC.), OCCUPANCY SENSOR (CEILING OR WALL), POWER PACKS, LOW AND LINE VOLTAGE WIRING, ETC. FOR A COMPLETE WORKING INSTALLATION.
C. CONTRACTOR SHALL COORDINATE TIME SCHEDULING WITH THE OWNER FOR LIGHTING TO BE CONTROLLED BY A TIME SCHEDULE.

LIGHTING CONTROL SEQUENCE REMARKS:

1 REMOVE AND REINSTALL EXISTING LIGHTING CONTROLS TO ALLOW FOR CEILING REPLACEMENT.

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ELECTRICAL - SCHEDULES

E6.0

EQUIPMENT DATA SCHEDULE

PLAN MARK	EQUIPMENT	LOCATION	FURNISH BY (1)	MOTOR OR EQUIPMENT DATA			FED FROM	BRANCH CIRCUIT (3)	DISCONNECT SWITCH AT EQUIPMENT					STARTER								REMARKS (7) #
				HP/KW/A (2)	VOLTS/ PHASE	INST.BY/ CONN.BY (1)			TYPE (4)	NEMA ENCLOS. TYPE	SWITCH/ FUSE SIZE	FURNISH. BY (1)	INST.BY/ CONN.BY (1)	NEMA SIZE	TYPE (5)	NEMA ENCLOS. TYPE	SWITCH/ FUSE SIZE	ACCESS. (6)	FURNISH. BY (1)	CONN. BY (1)	CONTROL WIRING BY (1)	
EXF-2203	EXHAUST FAN	RESTROOM 2203	23	1.2 A	120/1	23/26	EXISTING CIRCUIT	2#12, 1#12 GRD, 3/4"C.	-	-	-	23	23/26	-	-	-	-	-	-	-	23	1
EXF-2204	EXHAUST FAN	RESTROOM 2204	23	1.2 A	120/1	23/26	EXISTING CIRCUIT	3#12, 1#12 GRD, 3/4"C.	-	-	-	23	23/26	-	-	-	-	-	-	-	23	1
EXF-2903	EXHAUST FAN	RESTROOM 2903	23	1.2 A	120/1	23/26	EXISTING CIRCUIT	3#12, 1#12 GRD, 3/4"C.	-	-	-	23	23/26	-	-	-	-	-	-	-	23	1
EXF-2904	EXHAUST FAN	RESTROOM 2904	23	1.2 A	120/1	23/26	EXISTING CIRCUIT	2#12, 1#12 GRD, 3/4"C.	-	-	-	23	23/26	-	-	-	-	-	-	-	23	1

(1) SPECIFICATION DIVISION NUMBER:
DIVISION 22 - PLUMBING
DIVISION 23 - MECHANICAL
DIVISION 26 - ELECTRICAL
GC - GENERAL CONTRACTOR

(2) HORSEPOWER (HP) IS SHOWN UNLESS AMPS(A) OR KILOWATTS (KW) ARE CALLED OUT.

(3) REFER TO FEEDER SCHEDULE WHEN THIS COLUMN CONTAINS A FEEDER DESIGNATION INSTEAD OF CONDUCTOR SIZE.

(4) CB - CIRCUIT BREAKR ENCL.
NF - NON FUSED
F- FUSED
TOG - TOGGLE

(5) STARTER TYPE:
COMB1 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH NON-FUSED DISCONNECT SWITCH.
COMB2 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH FUSED DISCONNECT SWITCH.
COMB3 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKER DISCONNECT.
COMB4 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH MAGNETIC ONLY MOLDED CASE CIRCUIT BREAKER DISCONNECT.
FVNR - FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITHOUT DISCONNECT.
MAN - MANUAL STARTER WITH PILOT LIGHT.
SDS - STAR DELTA STARTER.
PWCP - PREWIRED CONTROL PANEL.
VFD - VARIABLE FREQUENCY DRIVE.
2S2W - 2 SPEED, 2 WINDING
2S1W - 2 SPEED, SINGLE WINDING
SC - SPEED CONTROLLER

(6) ACCESSORIES:
HOAP - HOA WITH PILOT LIGHT
PB - START/STOP PUSH BUTTON (MOMENTARY CONTACT)

(7) KEY TO REMARKS:
(1) FIRE ALARM INTERLOCK
(2) INTEGRAL DISCONNECT SWITCH
(3) MOUNT DISCONNECT SWITCH ON EQUIPMENT HOUSING
(4) INTEGRAL MOTOR STARTER/VFD
(5) POWER TO THIS UNIT IS FED FROM THE OUTDOOR UNIT

ALL MAGNETIC AND SOLID STATE STARTERS ARE TO BE EQUIPPED WITH AUXILIARY CONTACTS, PILOT LIGHTS AND FUSED CONTROL POWER TRANSFORMERS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEYED NOTES

1 FAN OPERATION TO BE CONTROLLED BY MECHANICAL SYSTEM CONTROLS.

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ELECTRICAL - SCHEDULES

E6.1

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

MECHANICAL SEISMIC DESIGN CODE SCHEDULE

OCCUPANCY CATEGORY: III — SEISMIC DESIGN CATEGORY: D

LISTING OF EQUIPMENT AND SYSTEM COMPONENTS	ANCHORAGE TO FLOORS, ROOFS, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY SEALED ANCHORAGE AND SWAY BRACING DETAILS.				COMMENTS
	NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	ON CONST. DOCUMENTS		SUBSEQUENT SUBMITTAL		
					DWG. NO.	SPEC SECT.	SHOP DWGS	SEP. PERMIT	
FIRE PROTECTION, DETECTION & ALARM EQUIPMENT & SYSTEM COMPONENTS: N/A									NOTE #
HAZARDOUS EQUIPMENT AND SYSTEM COMPONENTS: N/A									NOTE #
OTHER EQUIPMENT AND SYSTEM COMPONENTS NEEDED FOR CONTINUED OPERATION OF SEISMIC GROUP IV FACILITIES OR WHOSE FAILURE COULD IMPAIR THEIR CONTINUED OPERATION:									NOTE #
Ip=1.0 ROOF-MOUNTED EQUIPMENT > 400 POUNDS N/A									NOTE #
Ip=1.0 ROOF-MOUNTED EQUIPMENT < 400 POUNDS N/A									NOTE #
Ip=1.5 N/A									NOTE #
EQUIPMENT SUSPENDED FROM STRUCTURE									
EXHAUST FANS	X								NOTE #3.2
HVAC DUCTWORK < 6 S.F.	X								NOTE #4
HVAC DUCTWORK > 6 S.F. N/A									NOTE #
LAY-IN AIR DEVICES < 20 POUNDS	X								NOTE #12

TYPICAL NOTES:

1. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY A OR B.
2. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY C AND THE COMPONENT IMPORTANCE FACTOR = 1.0.
3. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY D, E OR F, AND THE COMPONENT IMPORTANCE FACTOR = 1.0, AND COMPONENTS HAVE APPROVED FLEXIBLE CONNECTIONS NO LESS THAN 3 FEET IN LENGTH TO THE ASSOCIATED DUCTWORK, PIPING AND CONDUIT, AND THE COMPONENTS ARE EITHER:
   1. MOUNTED 4 FEET OR LESS ABOVE THE FLOOR LEVEL AND WEIGH 400 POUNDS OR LESS.
   2. WEIGH 20 POUNDS OR LESS, OR FOR DISTRIBUTION SYSTEMS WEIGHING 5 LB/FT OR LESS.
4. TABLE 4.4, DUCT EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR DUCTS NOT PART OF HAZARDOUS EXHAUST SYSTEMS OR FIRE PROTECTION SYSTEMS SUCH AS SMOKE CONTROL OR EVACUATION SYSTEMS WHEN EITHER:
   1. HVAC DUCTS SUSPENDED FROM HANGERS 12 INCHES OR LESS IN LENGTH: HANGERS SHALL BE DETAILED TO AVOID SIGNIFICANT BENDING OF THE HANGERS AND THEIR ATTACHMENTS.
   2. HVAC DUCTS HAVING A CROSS-SECTIONAL AREA OF LESS THAN 6 SQUARE FEET.
5. TABLE 4.4, PIPING SYSTEM EXEMPTIONS - SEISMIC BRACING NOT REQUIRED FOR PIPING THAT IS SUPPORTED BY ROD HANGERS: HANGERS IN THE PIPE RUN ARE 12 INCHES OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO AVOID BENDING OF THE HANGERS AND THEIR ATTACHMENTS; AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTED DEFLECTIONS.
6. TABLE 4.4, PIPING SYSTEM EXEMPTIONS - SEISMIC BRACING NOT REQUIRED FOR HIGH DEFORMABILITY PIPING; PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER PIPING OR MECHANICAL COMPONENTS OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT; AND THE NOMINAL PIPE SIZES ARE LIMITED TO:
   1. 1 INCH OR LESS FOR SEISMIC DESIGN CATEGORY D, E OR F, AND IMPORTANCE FACTOR > 1.0.
   2. 2 INCHES OR LESS FOR SEISMIC DESIGN CATEGORY C, AND IMPORTANCE FACTOR > 1.0.
   3. 3 INCHES OR LESS FOR SEISMIC DESIGN CATEGORY D, E OR F, AND IMPORTANCE FACTOR = 1.0.
7. TABLE 4.4, GAS PIPING SYSTEM EXEMPTIONS - SEISMIC BRACING NOT REQUIRED FOR ALL TYPES OF EXTERIOR GAS PIPING INSTALLED ON ROOFS IN SEISMIC DESIGN CATEGORY C, D, E OR F, WHEN SUCH PIPING WILL SUPPLY GAS UNDER NO MORE THAN 2 PSI AND IS PROTECTED BY ONE OF THE TWO FOLLOWING METHODS:
   1. AN APPROVED SEISMIC SHUT-OFF VALVE IS INSTALLED WITHIN 5 FEET OF THE BEGINNING OF THE RUN OF GAS PIPE ON THE ROOF, OR OTHER APPROVED LOCATION.
   2. APPROVED FLEXIBLE PIPING NO LESS THAN 3 FEET IN LENGTH IS INSTALLED WITHIN 3 FEET OF THE BEGINNING OF THE RUN OF GAS PIPE ON THE ROOF AND AT THE CONNECTION TO THE EQUIPMENT SERVED BY THE PIPE AND AT INTERVALS ALONG THE RUN OF NO MORE THAN 42 FEET.
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO SUBMITTAL TO THE PLAN REVIEWER.
9. REFER TO ROOFTOP UNIT CURB DETAIL FOR ADDITIONAL INSTALLATION REQUIREMENTS.
10. COMPONENTS THAT ARE INSTALLED IN-LINE WITH THE DUCT SYSTEM AND HAVE AN OPERATING WEIGHT GREATER THAN 75 LBS. SHALL BE SUPPORTED AND LATERALLY BRACED INDEPENDENT OF THE DUCT SYSTEM.
11. UNBRACED PIPING ATTACHED TO IN-LINE EQUIPMENT SHALL BE PROVIDED WITH ADEQUATE FLEXIBILITY TO ACCOMMODATE DIFFERENTIAL DISPLACEMENTS.
12. APPURTENANCES SUCH AS DAMPERS, LOUVERS AND DIFFUSERS SHALL BE POSITIVELY ATTACHED WITH MECHANICAL FASTENERS.

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SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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Parkway PN #652501B
Building Renovation and Site Improvements

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314.415.6231 tel

Project No: 26023

Revisions

Description	Date

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STATE OF MISSOURI
MICHAEL D MITCHELL
NUMBER PE-2010019954
PROFESSIONAL ENGINEER
10/30/2026

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MO License 2010019954 Exp: 10/30/2026
Certificate of Authority 2014035826 Exp: 12/31/2026

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MECHANICAL SEISMIC CODE BLOCK

M0.0

GENERAL NOTES

1. THESE PLANS ARE DIAGRAMMATIC IN NATURE SINCE THEY REFLECT ONLY THE AVAILABLE INFORMATION OBTAINED FROM EXISTING PLANS, SPECIFICATIONS, AND FIELD SURVEYS. THE EXACT LOCATION OF EXISTING DUCTWORK, PIPING, AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE SOME ALTERATIONS TO NEW AND/OR EXISTING SERVICES TO FIT ACTUAL JOB CONDITIONS.
2. THE SPACE ALLOWED FOR MECHANICAL (HVAC, PLUMBING, FIRE PROTECTION) AND ELECTRICAL WORK ABOVE THE SUSPENDED CEILING IS CRITICAL AND REQUIRES COORDINATION BETWEEN TRADES. CONTRACTORS SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS PRIOR TO FABRICATION OR INSTALLATION OF ANY MATERIALS. DUCTWORK SHALL BE HUNG AS CLOSE AS POSSIBLE TO THE STRUCTURE ABOVE UNLESS INDICATED OTHERWISE. REWORK OF PIPING, DUCTWORK, EQUIPMENT LOCATION, CONDUIT, ETC. AS A RESULT OF POOR PLANNING, COORDINATION, OR SCHEDULING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. ANY HOLES LEFT IN EXISTING WALL CONSTRUCTION DUE TO DEMOLITION OR NEW WORK SHALL BE PATCHED TO MATCH EXISTING CONDITIONS.
4. PIPES/DUCTS/ETC. PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE SEALED WEATHER PROOF.
5. CONTRACTOR TO FIRESTOP ALL PENETRATIONS THROUGH FIRE-RATED FLOORS AND WALLS CREATED BY DEMOLITION OR NEW WORK WITH "SPECSEAL SSS" OR EQUAL.
6. THERMOSTATS & ROOM TEMPERATURE SENSORS SHALL BE MOUNTED AT 48" A.F.F. TO THE TOP OF THERMOSTAT UNLESS NOTED OTHERWISE. DO NOT MOUNT IN DIRECT SUNLIGHT OR NEAR HEAT PRODUCING EQUIPMENT.
7. INSTALL H.V.A.C. SYSTEM IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ANY FRAMING REVISIONS, EQUIPMENT LOCATIONS, ADDITION OF CONTROLS, ELECTRICAL CIRCUITING REVISIONS, ETC. THAT RESULT FROM USING EQUIPMENT OTHER THAN INDICATED ON THE DRAWINGS. APPROVAL OF THE SHOP DRAWINGS BY THE ENGINEER WILL NOT WAIVE THE CONTRACTOR OF THIS RESPONSIBILITY.
9. THE CONTRACTOR SHALL HAVE THE FINAL RESPONSIBILITY FOR SYSTEM START UP AND TURN OVER TO THE OWNER.
10. ALL ITEMS INCLUDED ON THESE DRAWINGS AND THE SPECIFICATIONS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT SURE OF THEIR MEANING, THE CONTRACTOR SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO BID TIME. THE CONTRACTOR WILL BE HELD TO THE INTERPRETATION OF THE ENGINEER.
11. FIRE CAULK ALL PENETRATIONS THRU FIRE RATED PARTITIONS TO MAINTAIN FIRE RATING OF PARTITION.
12. CAULK ALL PENETRATIONS THRU WALLS TO MINIMIZE SOUND PENETRATION THRU WALLS.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL TEMPERATURE CONTROL SYSTEM REQUIREMENTS.
14. ROUTE LINE SIZE PVC CONDENSATE DRAIN PIPING FROM AIR HANDLING UNIT TO NEAREST FLOOR DRAIN. PROVIDE TRAP AT CONNECTION TO AIR HANDLING UNIT.
15. ANY DAMAGE TO THE SITE (SIDEWALKS, CURBS, ETC) OR TO THE BUILDING AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT SHALL BE FIXED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
16. CONTRACTOR WILL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF ROOFS/WALLS/FLOORS AND CORE DRILLS REQUIRED TO COMPLETE THEIR RESPECTIVE WORK.
17. THE OWNER SHALL HAVE FIRST SALVAGE RIGHTS OF EQUIPMENT AND MATERIALS REMOVED. ALL EQUIPMENT AND MATERIALS NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES BY THE CONTRACTORS.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY TEMPORARY FENCING AROUND THE LIFT SITE DURING LIFTS.
19. PROVIDE FLEXIBLE CONNECTIONS ON ALL PIPING PENETRATIONS BACK TO BACK 2 HOUR RATED FIRE WALLS TO ALLOW FOR EXPANSION BETWEEN THE WALLS.
20. ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, ETC. THAT SERVES SPACES ON OTHER FLOORS SHALL REMAIN AS IS. DO NOT DISCONNECT OR REMOVE ANY EQUIPMENT NOT SHOWN IN THESE PLANS.
21. REMOVE AND RE-INSTALL EXISTING LAY-IN CEILING AS REQUIRED TO COMPLETE ALL DEMOLITION AND NEW WORK. REPLACE CEILING TILES DAMAGED DURING CONSTRUCTION WITH NEW TILES MATCHING EXISTING.

GENERAL NOTES (AIR SIDE)

1. NOTE, ALL DUCTWORK OFFSETS ARE NOT SHOWN. THE CONTRACTOR SHALL MODIFY DUCTS AND OFFSETS TO COORDINATE WITH THE BUILDING STRUCTURE AND ALL TRADE REQUIREMENTS.
2. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED PER THE LATEST VERSION OF THE S.M.A.C.N.A. H.V.A.C. DUCT CONSTRUCTION STANDARDS, UNLESS SPECIFIED MORE STRINGENTLY IN THESE CONSTRUCTION DOCUMENTS. MINIMUM DUCT GAUGE SHALL BE 24.
3. 90° DUCT ELBOWS SHALL BE EQUIPPED WITH SINGLE THICKNESS TURNING VANES MOUNTED TO A PREFABRICATED VANE RAIL.
4. ALL ELBOWS SHALL BE SUPPLIED WITH TURNING VANES, WHETHER SHOWN ON DOCUMENTS OR NOT.
5. ALL 90° AND 45° RECTANGULAR RADIUS ELBOWS TO BE FABRICATED WITH AN INSIDE RADIUS NO LESS THAN 1/2 OF THE WIDTH OF THE DUCT - WHERE THE WIDTH OF THE DUCT IS DEFINED AS THE DIMENSION OF THE DUCT IN THE PLANE IN WHICH THE DUCT IS TURNING.
6. RECTANGULAR DUCTWORK SHALL BE SUPPORTED PER THE S.M.A.C.N.A STANDARDS AND AT EACH CHANGE IN DIRECTION.
7. PROVIDE MANUAL, SINGLE BLADE, BALANCING DAMPERS WITH LOCKING QUADRANT AND INTEGRAL POSITION INDICATOR ON ALL RUNOUTS TO SUPPLY AND EXHAUST AIR DEVICES - EXCEPT THOSE LOCATED IN AREAS WITH PLASTER CEILINGS AND ARE NOT ACCESSIBLE (DAMPER SHALL BE INTEGRAL WITH THE AIR DEVICE IN THESE CASES.)
8. PROVIDE MANUAL OPPOSED BLADE DAMPERS WITH LOCKING QUADRANT AND INTEGRAL POSITION INDICATOR ON ALL RECTANGULAR BRANCH DUCTS AND AIR DEVICE RUNOUTS THAT EXCEED 12" IN HEIGHT.
9. MANUAL SPLITTER DAMPERS ARE NOT ACCEPTABLE.
10. NOT ALL OF THE ACCESS DOORS IN THE DUCT SYSTEMS OR PLENUMS ARE SHOWN. PROVIDE ACCESS DOORS IN ALL DUCT SYSTEMS OR PLENUMS WHERE REQUIRED TO ACCESS AND MAINTAIN MOTORIZED OR AUTOMATIC DAMPER BLADES AND LINKAGES.
11. ALL DUCTWORK SHALL BE SUPPORTED FROM ROOF OR FLOOR STRUCTURE ABOVE. DUCTWORK SHALL NOT LAY ON TOP OF CEILING OR LIGHT FIXTURES.
12. FLEXIBLE DUCT RUNOUTS TO AIR DEVICES SHALL NOT EXCEED 5'-0" IN LENGTH. FLEXIBLE RUNOUTS SHALL BE TRIMMED TO THE MINIMUM LENGTH NECESSARY TO MAKE THE CONNECTION.
13. WHERE DAMPER ACTUATORS ARE MOUNTED TO DUCTWORK OR PLENUMS PROVIDE A HEAVY GAGE BASE PLATE, ANGLE STIFFENERS, OR MOUNTING AS REQUIRED TO ELIMINATE DEFLECTION OF DUCTWORK DURING ACTUATOR OPERATION.
14. FLEXIBLE DUCT CONNECTIONS TO EQUIPMENT ARE NOT SHOWN ON THE DRAWINGS. PROVIDE EXTRA WIDE FLEXIBLE CONNECTIONS ON THE SUPPLY DUCT AND THE RETURN DUCT OF EACH MAKE-UP AIR UNIT, ROOFTOP UNIT, AND EACH AIR HANDLING UNIT. PROVIDE STANDARD FLEXIBLE CONNECTIONS ON ALL BLOWER COILS, EXHAUST FANS, SUPPLY FANS, AND DUST COLLECTOR.
15. PROVIDE 45° FLARED TAKEOFFS FOR ALL RECTANGULAR BRANCH CONNECTIONS TO THE MAIN DUCT.
16. ALL DAMPER ACTUATORS FOR DUCT SYSTEMS OR EQUIPMENT THAT COMMUNICATES DIRECTLY WITH THE OUTDOORS SHALL BE SPRING RETURN TYPE TO CLOSE IN THE EVENT OF A POWER FAILURE.
17. PROVIDE 1-1/2 HOUR RATED FIRE DAMPERS IN THE DUCTWORK WHERE INDICATED ON THE PLANS AND REQUIRED BY CODE. FIRE DAMPERS SHALL BE PROVIDED WITH AN ACCESS PANEL LARGE ENOUGH TO PERMIT INSPECTION AND MAINTENANCE OF THE DAMPER. ACCESS PANELS TO FIRE DAMPERS SHALL BE PERMANENTLY IDENTIFIED ON THE EXTERIOR BY A NAMEPLATE WITH THE WORDS "FIRE DAMPER". THE LETTERS ON THE FIRE DAMPER LABELS SHALL NOT BE LESS THAN 1/2 INCH IN HEIGHT.
18. THE SPACE ABOVE THE SUSPENDED CEILINGS SHALL BE USED AS A RETURN AIR PLENUM. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE THE WORK OF OTHER TRADES TO PROVIDE ADEQUATE SPACE FOR THE FLOW OF RETURN AIR (250 FPM MAXIMUM VELOCITY). WHERE PARTITIONS EXTEND TO THE CONSTRUCTION ABOVE, OPENINGS SHALL BE PROVIDED IN THE PARTITION ABOVE THE CEILING.
19. DUCT DIMENSIONS NOTED ON THE DRAWINGS ARE NET FREE AREA. WHERE ACOUSTIC LINER IS INDICATED OR SPECIFIED THE SHEET METAL SIZE MUST BE INCREASED TO ACCOMMODATE THE LINER.
20. AREAS ABOVE THE CEILING SERVE AS A RETURN AIR PLENUM. ALL MATERIALS EXPOSED IN THE PLENUM SHALL HAVE A 25/50 SMOKE/FLAME SPREAD RATING.
21. ALL DUCT RUNOUTS TO AIR DEVICES ARE TO BE THE SAME SIZE AS THE NECK OF THE AIR DEVICE UNLESS NOTED OTHERWISE.
22. DIRECTIONAL ARROWS ON AIR DEVICES INDICATE THROWS FOR AIR DEVICE. VERIFY PROPER ADJUSTMENT OF THROW DEFLECTION VANES OF ALL AIR DEVICES PRIOR TO BEGINNING BALANCING. WHERE NO ARROWS ARE SHOWN, THROW SHALL BE 4-WAY.
23. CONTRACTOR SHALL BALANCE EACH AREA OF COMPLETED WORK. THE CONTRACTOR SHALL BALANCE SUPPLY, RETURN, AND EXHAUST AIR FLOWS AT EACH AIR DEVICE AFFECTED BY RENOVATION TO QUANTITY INDICATED ON THE DRAWINGS.
24. ALL NEW DUCT CONNECTIONS TO EXISTING DUCTWORK SHALL BE SEALED AIRTIGHT.
25. ALL BATHROOM EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED.
26. EXPOSED GALVANIZED DUCTWORK SHALL BE PAINTABLE. GENERAL CONTRACTOR TO PAINT ALL EXPOSED DUCTWORK. FINAL COLOR TO BE APPROVED BY THE ARCHITECT.

HEATING AND VENTILATION SYMBOLS

- SA — SOUND ATTENUATOR
- FC — FLEXIBLE CONNECTION
- SPLITTER DAMPER
- VD — MANUAL VOLUME DAMPER
- BD — GRAVITY BACKDRAFT DAMPER
- MD — MOTORIZED VOLUME DAMPER
- FD — FIRE DAMPER (FD)
- SD — SMOKE DAMPER (SD)
- FD — FIRE DAMPER (FSD)
- TV — TURNING VANES
- RETURN/TRANSFER/COMBUSTION AIR DISCHARGE DUCT UP
- RETURN/TRANSFER/COMBUSTION AIR DISCHARGE DUCT DOWN
- SUPPLY AIR/COMBUSTION AIR INTAKE UP
- SUPPLY AIR/COMBUSTION AIR INTAKE DOWN
- EXHAUST AIR DUCT UP
- EXHAUST AIR DUCT DOWN
- ROUND DUCT DOWN
- ROUND DUCT UP
- INCLINED DROP IN THE DIRECTION OF AIR FLOW (D)
- INCLINED RISE IN THE DIRECTION OF AIR FLOW (R)
- ECCENTRIC DUCT TRANSITION
- CONCENTRIC DUCT TRANSITION
- RECTANGULAR DUCT TO ROUND DUCT TRANSITION
- FXD — FLEXIBLE DUCT
- CEILING AIR DEVICE
- AIR DEVICE THROW DESIGNATION: (HATCHING DESIGNATES ZERO THROW)
- SIDEWALL AIR DEVICE
- DAMPERED SHOE DUCT TAP FROM RECT. MAIN
- SHOE DUCT TAP FROM RECT. MAIN
- 45° DAMPERED DUCT TAP
- 45° DUCT TAP
- SADDLE TAP
- STRAIGHT RECT. DUCT TAP FROM RECT. MAIN
- STRAIGHT RECT. DUCT TAP FROM ROUND MAIN
- S-1 / 1000 — (AIR DEVICE TYPE) - (SCHEDULE NUMBER) (AIR FLOW IN CFM)

AIR DEVICE TYPE:
S - SUPPLY DIFFUSER
R - RETURN GRILLE
E - EXHAUST GRILLE
T - TRANSFER GRILLE

- 24" x 12" RA — DUCT SIZE DESIGNATION: 1ST FIGURE SIDE SHOWN. (SIZE SHOWN IS FREE AREA SIZE, ALLOWANCE HAS NOT BEEN MADE FOR DUCT SYSTEM TYPE DESIGNATION: SPECIFIED.)
- 24"/12" — FLAT OVAL DUCT

DUCT SYSTEM TYPE:
SA - SUPPLY AIR
RA - RETURN AIR
EA - EXHAUST AIR
TA - TRANSFER AIR
OA - OUTDOOR AIR

NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS MAY BE USED.

- CWS — CONDENSING WATER SUPPLY
- CWR — CONDENSING WATER RETURN
- H/C S — HOT/CHILLED WATER SUPPLY
- H/C R — HOT/CHILLED WATER RETURN
- FOS — FUEL OIL SUPPLY
- FOR — FUEL OIL RETURN
- FOV — FUEL OIL VENT
- MU — MAKE - UP WATER LINE
- D — DRAIN LINE (OTHER THAN PLUMBING)
- VL — VENT LINE (OTHER THAN PLUMBING)
- RD — REFRIGERANT DISCHARGE
- RL — REFRIGERANT LIQUID
- RS — REFRIGERANT SUCTION
- G — GAS
- CHWS — CHILLED WATER SUPPLY
- CHWR — CHILLED WATER RETURN
- CA — COMPRESSED AIR
- LPS — LOW PRESSURE STEAM
- MPS — MEDIUM PRESSURE STEAM
- LPC — LOW PRESSURE CONDENSATE
- MPC — MEDIUM PRESSURE CONDENSATE
- HPS — HIGH PRESSURE STEAM
- HPC — HIGH PRESSURE CONDENSATE
- CPD — CONDENSATE PUMP DISCHARGE
- HWS — HEATING WATER SUPPLY
- HWR — HEATING WATER RETURN
- NOS — NITROGEN OXIDE SENSOR
- T — THERMOSTAT / TEMPERATURE SENSOR
- S — TEMPERATURE SENSOR
- CO — CARBON MONOXIDE SENSOR
- H — HUMIDISTAT

MISCELLANEOUS SYMBOLS

- EQUIPMENT OR PLUMBING FIXTURE DESIGNATION
- (RISER INDICATION P=PLUMBING, K=KITCHEN, A=ACID) RISER DESIGNATION (RISER NUMBER)
- (DETAIL NUMBER) DETAIL DESIGNATION (SHEET NUMBER WHERE DETAIL IS FOUND)
- (SECTION NUMBER) SECTION DESIGNATION (SHEET NUMBER WHERE SECTION IS FOUND)
- KEYED NOTES
- REVISIONS
- AP — ACCESS PANEL
- NEW CONNECTION
- AFMS — AIR FLOW MEASURING STATION
- CVR — CONSTANT VOLUME REGULATOR

PIPING SPECIALTIES

- SV — SHUTOFF VALVE
- CV — CHECK VALVE
- STR — STRAINER
- U — UNION
- BC — BALANCING COCK
- SOC — SHUT-OFF COCK
- SLV — SOLENOID VALVE
- FS — FLOW SWITCH
- VALVE W/ SUPERVISORY SWITCH
- FCV — FLOW CONTROL VALVE (GPM INDICATED)
- T&PR — TEMPERATURE AND PRESSURE RELIEF VALVE
- PG — PRESSURE GAUGE
- TH — THERMOMETER (TUBE OR DIAL AS INDICATED)
- PRV — PRESSURE REDUCING VALVE
- DIRECTION OF FLOW
- ANCHORS
- PIPE GUIDES
- MV — MOTORIZED VALVE
- DV — DIAPHRAGM VALVE
- LPV — LUBRICATED VALVE
- HEV — HOSE END VALVE
- SWV — STOP AND WASTE VALVE
- TWV — 3 - WAY VALVE (MIXING OR BY-PASS AS INDICATED)
- PETES PLUG
- RV — RELIEF VALVE
- FC — FLEXIBLE PIPE CONNECTION
- AVM — AIR VENT (MANUAL)
- AVA — AIR VENT (AUTOMATIC)
- EX — EXPANSION JOINT
- CCR — CONCENTRIC REDUCER
- TEE (SIDE OUTLET UP)
- TEE (SIDE OUTLET DOWN)
- ELBOW (TURNED UP)
- ELBOW (TURNED DOWN)
- BMD — COMBINATION BALANCING & MEASURING DEVICE
- ECR — ECCENTRIC REDUCER
- FMD — FLOW MEASURING DEVICE
- STEAM TRAP
- BALANCING VALVE
- FLEXIBLE CONNECTION
- ELBOW
- TEE

ABBREVIATIONS

FFE	FINISH FLOOR ELEVATION
AFF	ABOVE FINISH FLOOR
TE	TOP ELEVATION
BE	BOTTOM ELEVATION
FL	FLOW LINE
INV	INVERT ELEVATION
℄	CENTER LINE
GC	GENERAL CONSTRUCTION CONTRACTOR
HAC	HEATING & AIR CONDITIONING CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
ACS	AUTOMATIC CONTROL SUB-CONTRACTOR
FPC	FIRE PROTECTION CONTRACTOR
HSC	HALON SUB-CONTRACTOR
KEC	KITCHEN EQUIPMENT CONTRACTOR
MC	MECHANICAL CONTRACTOR
TCC	TEMPERATURE CONTROL CONTRACTOR

GENERAL NOTES (HYDRONIC)

1. THE CONTRACTOR SHALL COORDINATE SYSTEM SHUT-DOWNS, INCLUDING CHILLED WATER AND HEATING WATER SYSTEM SHUT-DOWNS, WITH THE OWNER. PROVIDE A MINIMUM TWO DAY NOTICE PRIOR TO ANY SYSTEM SHUT-DOWN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING, FILLING, AND VENTING OF ALL HYDRONIC SYSTEMS IMPACTED BY THIS PROJECT.

GENERAL NOTES (DEMOLITION)

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2. ITEMS SHOWN BOLD AND/OR DASHED ON THE DEMOLITION SHEETS INDICATE ITEMS TO BE REMOVED.
3. CROSS HATCHING INDICATES ITEMS TO BE REMOVED.
4. OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT BEING REMOVED. CONTRACTOR TO DISPOSE OF EQUIPMENT BEING REMOVED BUT NOT RETAINED BY OWNER.

MECHANICAL SHEET INDEX:

SHEET NO.	SHEET NAME
M0.0	MECHANICAL SEISMIC CODE BLOCK
M0.1	MECHANICAL LEGEND AND NOTES
MD2.0	OVERALL LOWER LEVEL DEMOLITION FLOOR PLANS
MD2.1	OVERALL DEMOLITION FLOOR PLANS
MD3.1	DEMOLITION ENLARGED PLANS
MD3.2	DEMOLITION ENLARGED PLANS
M2.0	OVERALL LOWER LEVEL FLOOR PLAN
M2.1	OVERALL MAIN FLOOR PLAN
M3.1	ENLARGED PLANS
M3.2	ENLARGED PLANS
M5.0	MECHANICAL - DETAILS & SCHEDULES

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PROFESSIONAL ENGINEER
10/30/2026

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MECHANICAL LEGEND AND NOTES

M0.1

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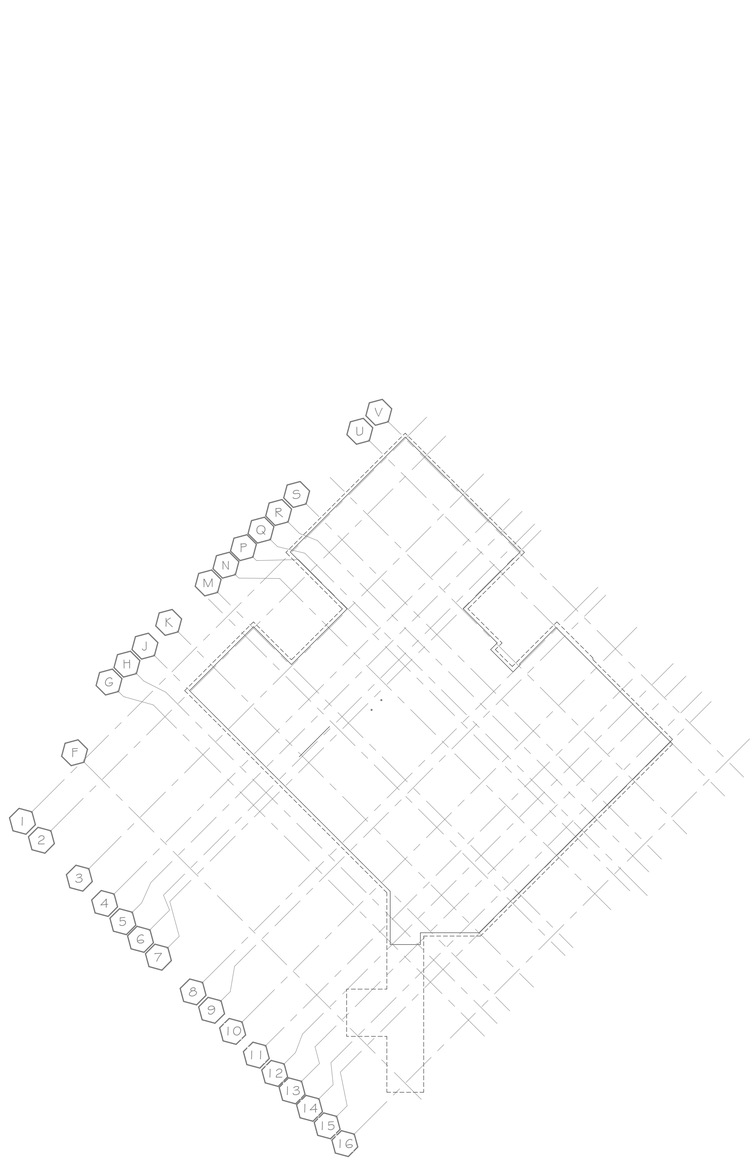
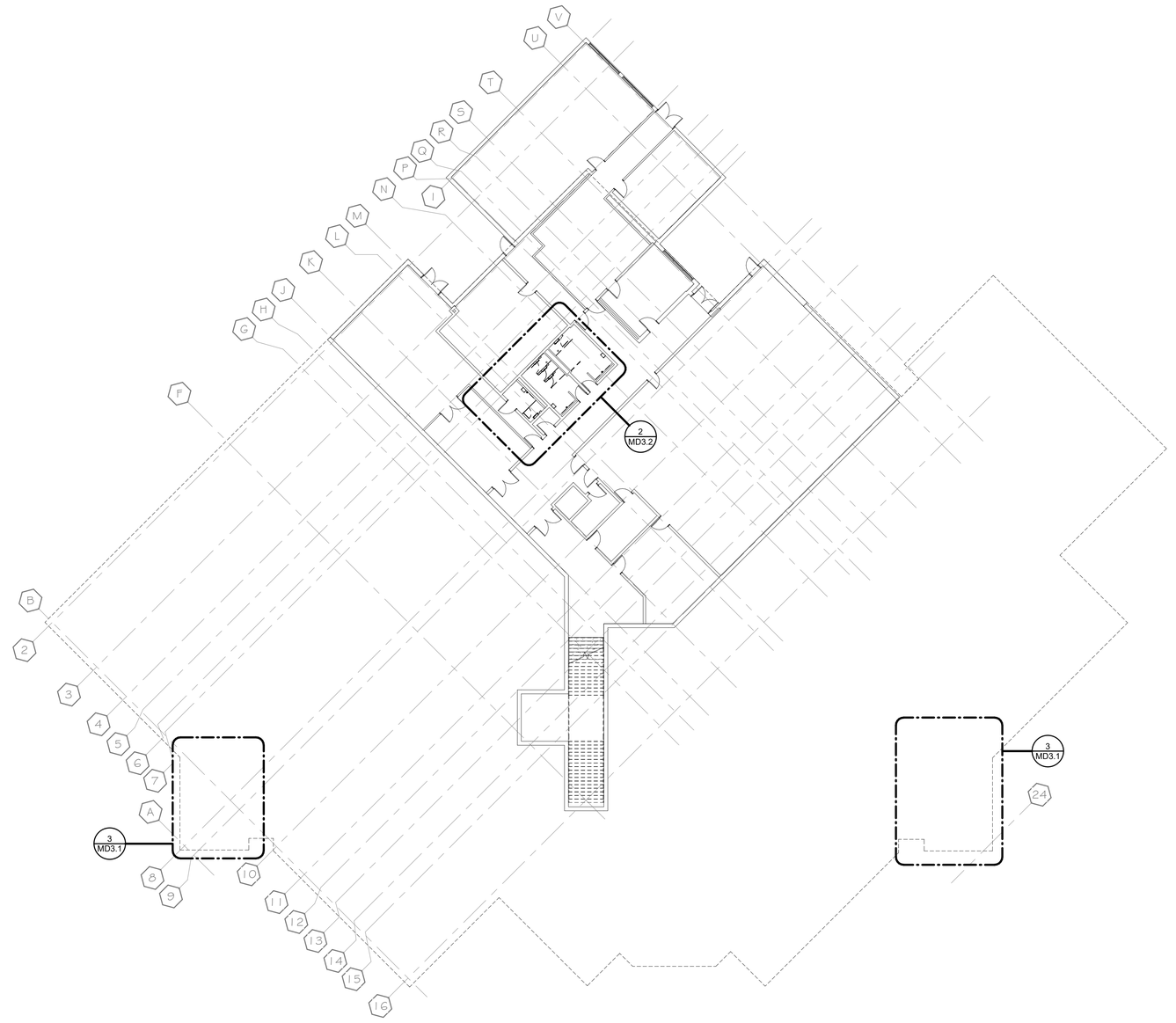


1 MD2.0 OVERALL UNDERGROUND - LOWER LEVEL - MECHANICAL DEMOLITION
3/64" = 1'-0"



2 MD2.0 OVERALL FLOOR PLAN - LOWER LEVEL - MECHANICAL DEMOLITION
1/16" = 1'-0"

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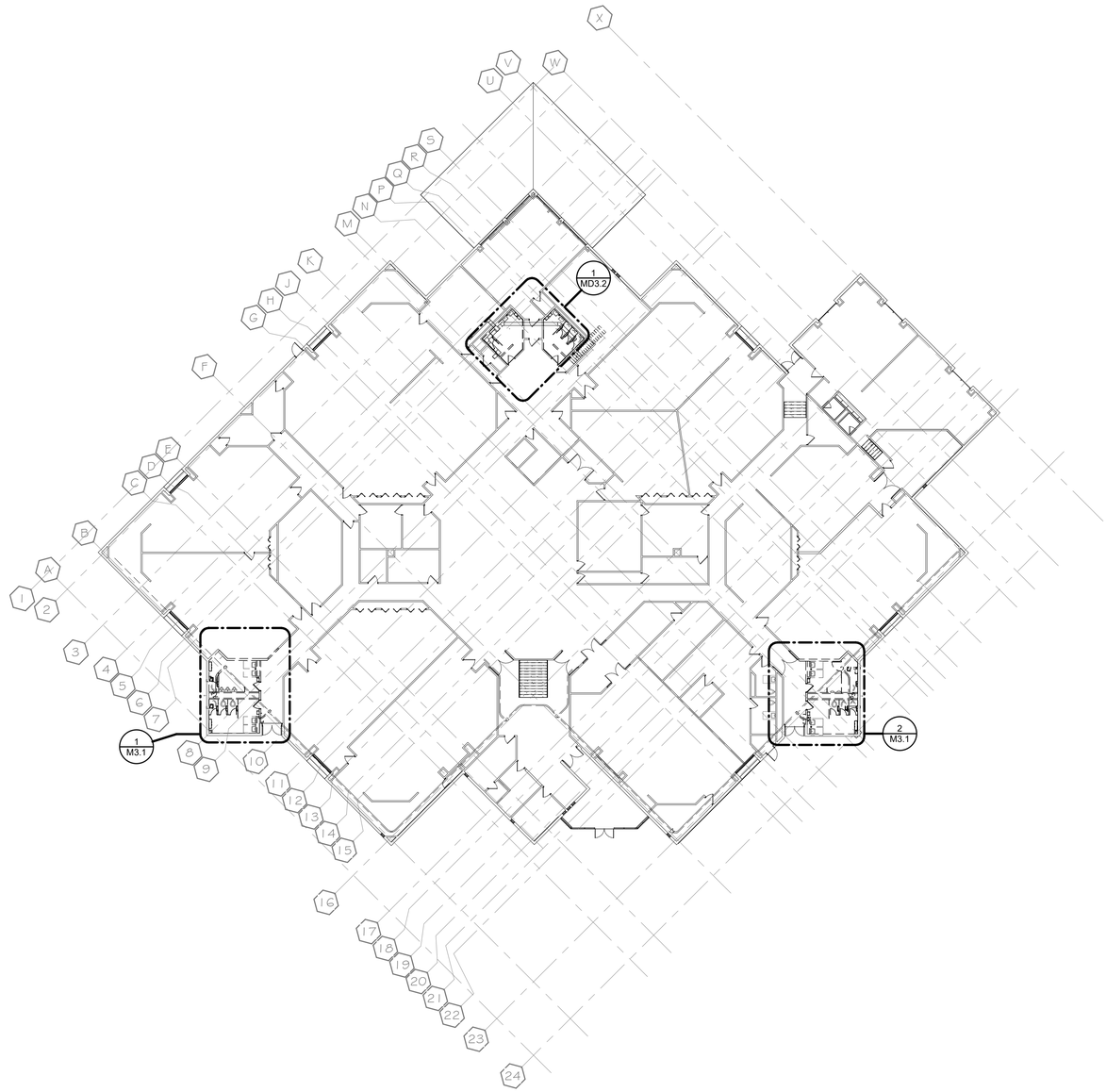
OVERALL LOWER LEVEL DEMOLITION FLOOR PLANS

MD2.0



N 1/MD2.1 OVERALL FLOOR PLAN - MAIN LEVEL - MECHANICAL DEMOLITION
3/64" = 1'-0"

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Parkway PN #652501B
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Parkway School District
363 N. Woods Mill Rd.
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314.415.6231 tel

Project No: 26023

Revisions

Description	Date

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10/30/2026

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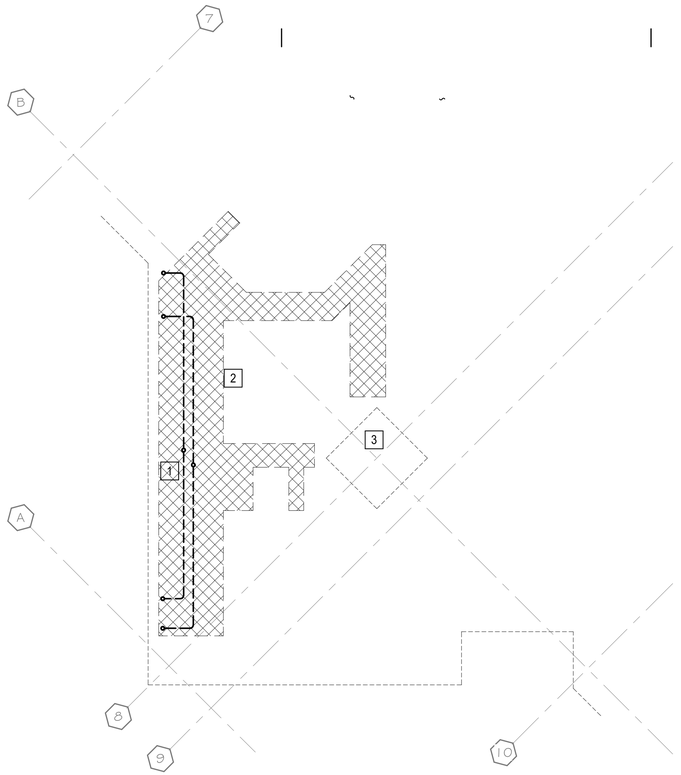
DATE: 11/05/2026

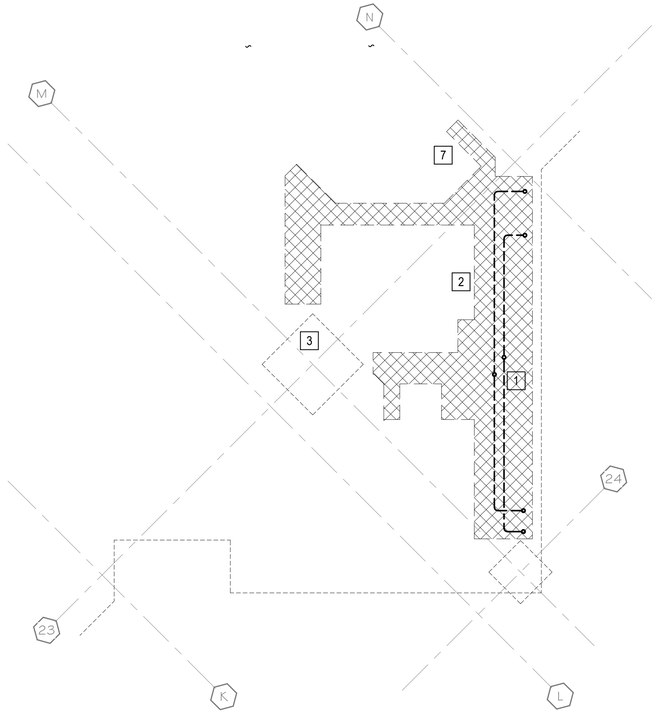
BID/PERMIT SET

OVERALL DEMOLITION FLOOR PLANS

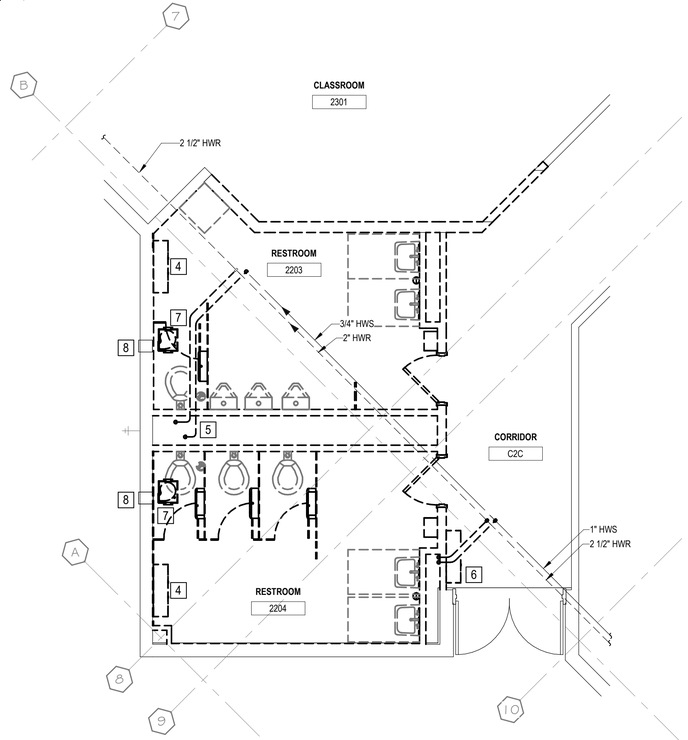
MD2.1



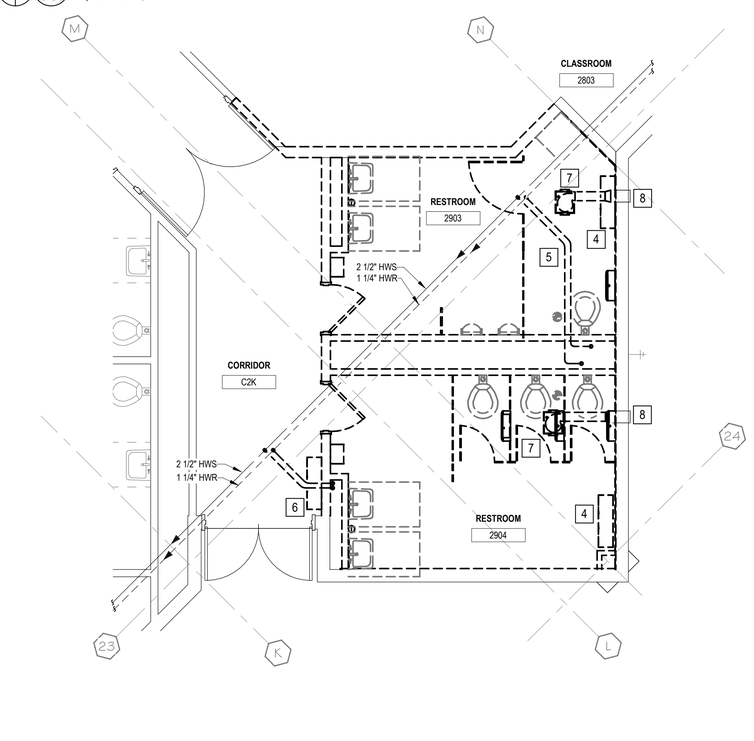
N 3 MD3.1 ENLARGED FLOOR PLAN - UNDERGROUND AREA B - MECHANICAL DEMOLITION
1/4" = 1'-0"



N 4 MD3.1 ENLARGED FLOOR PLAN - UNDERGROUND AREA A - MECHANICAL DEMOLITION
1/4" = 1'-0"



N 1 MD3.1 ENLARGED FLOOR PLAN - RESTROOM B - MECHANICAL DEMOLITION
1/4" = 1'-0"



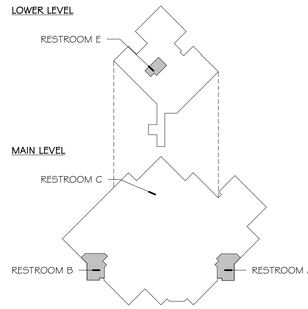
N 2 MD3.1 ENLARGED FLOOR PLAN - RESTROOM A - MECHANICAL DEMOLITION
1/4" = 1'-0"

GENERAL NOTES

A. SEE SHEET M0.1 FOR FURTHER GENERAL INFORMATION

KEYED NOTES

1. REMOVE EXISTING HEATING WATER SUPPLY AND RETURN PIPING BELOW SLAB SHOWN DASHED.
2. COORDINATE SAW CUTTING AREA WITH REQUIRED PLUMBING NEW AND DEMOLITION WORK.
3. EXISTING FOOTING TO REMAIN.
4. REMOVE EXISTING CABINET UNIT HEATER AND ALL ASSOCIATED PIPING TO BELOW SLAB. REMOVE ALL HANGERS, BRACKETS, ACCESSORIES, ETC.
5. REMOVE EXISTING HEATING WATER SUPPLY AND RETURN PIPING SHOWN DASHED. CAP AT MAIN.
6. REMOVE EXISTING CABINET UNIT HEATER SHOWN AND ASSOCIATED HEATING WATER SUPPLY AND RETURN PIPING SHOWN DASHED. CAP PIPING AT MAIN. REMOVE ALL HANGERS, BRACKETS, ACCESSORIES, ETC.
7. REMOVE EXISTING EXHAUST FAN AND AIR DEVICE. REMOVE ALL HANGERS, BRACKETS, ACCESSORIES, ETC.
8. EXISTING EXHAUST DUCT AND WALL TERMINATION VENT TO REMAIN.



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BID/PERMIT SET

DEMOLITION ENLARGED PLANS

MD3.1

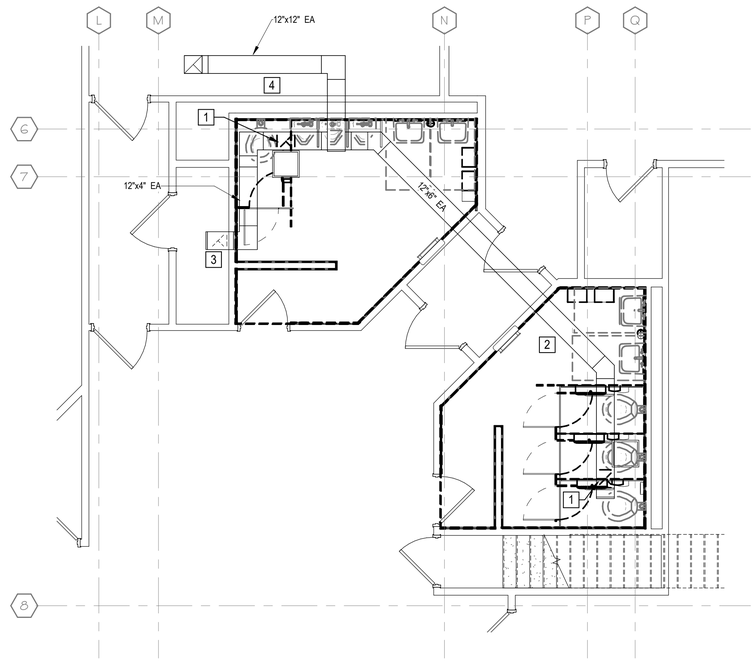
11/2/2026 9:09:14 AM

GENERAL NOTES

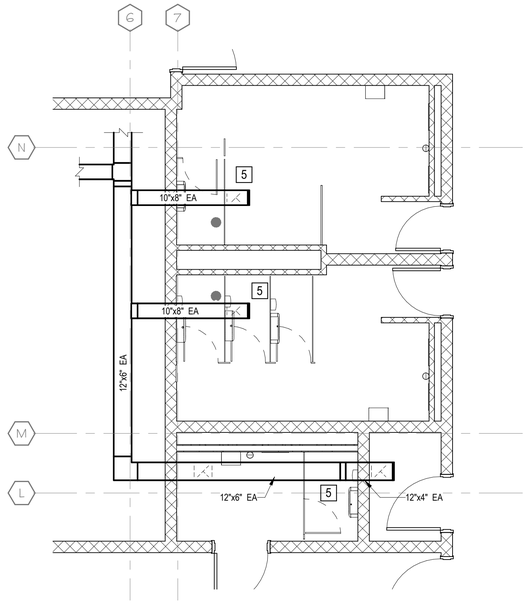
A. SEE SHEET M0.1 FOR FURTHER GENERAL INFORMATION

KEYED NOTES

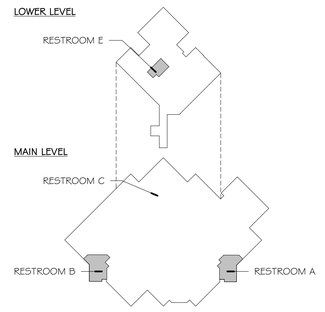
1. REMOVE EXISTING EXHAUST AIR DEVICE. EXISTING EXHAUST DUCTWORK TO REMAIN.
2. EXISTING 12" X 6" EXHAUST AIR DUCT TO REMAIN.
3. EXISTING 12" X 4" EXHAUST DUCT AND AIR DEVICE TO REMAIN.
4. EXISTING 12" X 12" EXHAUST MAIN AND RISER TO REMAIN.
5. UNINSTALL EXISTING EXHAUST AIR DEVICES FOR CEILING REMOVAL AND REPLACEMENT, EXISTING EXHAUST DUCTS TO REMAIN AS IS.



N 1 / MD3.2 ENLARGED PLAN - RESTROOM C - MECHANICAL DEMOLITION
1/4" = 1'-0"



N 2 / MD3.2 ENLARGED PLAN - RESTROOM E - MECHANICAL DEMO
1/4" = 1'-0"



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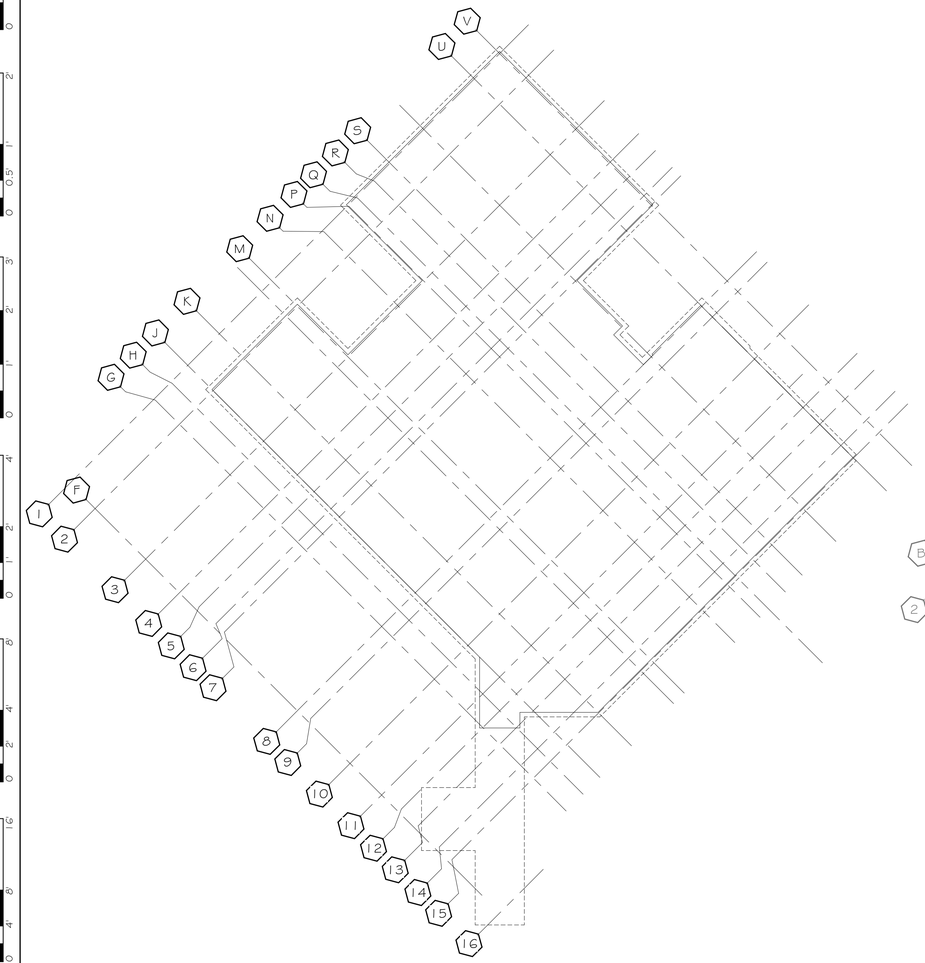
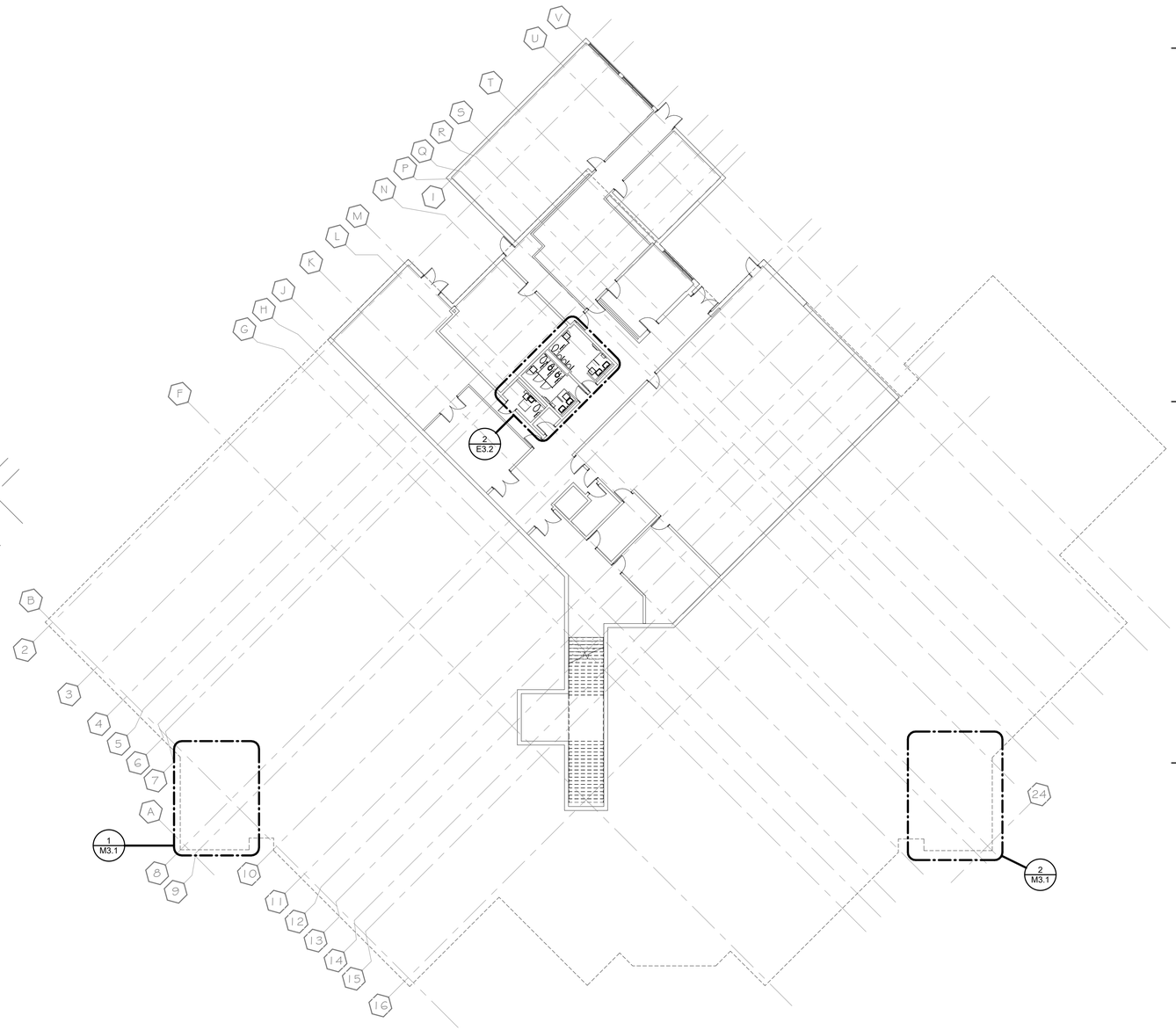
DEMOLITION ENLARGED PLANS

MD3.2



N 2 M2.0 OVERALL UNDERGROUND FLOOR PLAN - LOWER LEVEL*
1/16" = 1'-0"



N 1 M2.0 OVERALL FLOOR PLAN - LOWER LEVEL - MECHANICAL
1/16" = 1'-0"

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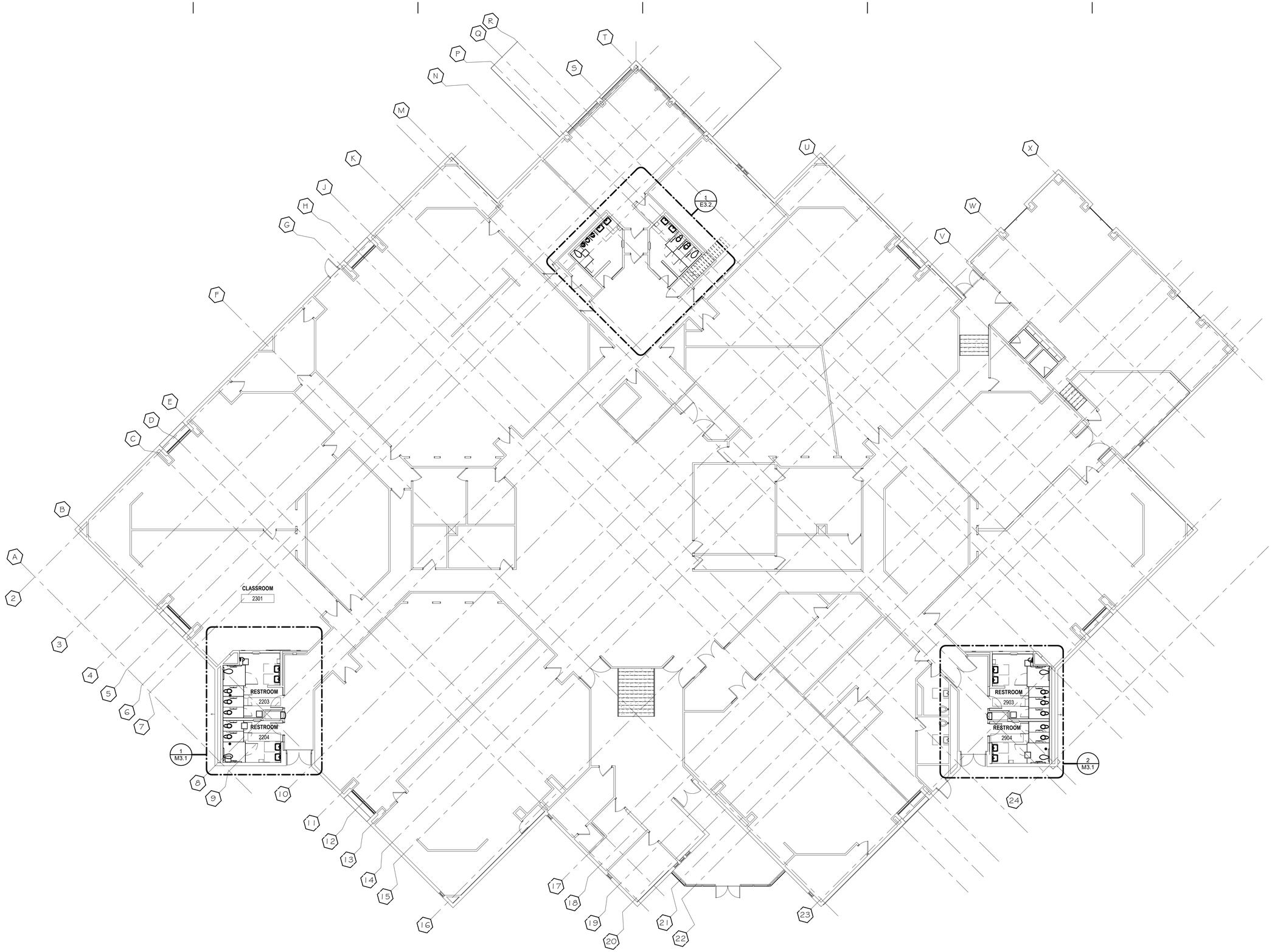
BID/PERMIT SET

OVERALL LOWER LEVEL FLOOR PLAN

M2.0



N 1 M2.1 OVERALL FLOOR PLAN - MAIN LEVEL - MECHANICAL
3/32" = 1'-0"

11/2/2026 9:09:15 AM

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BID/PERMIT SET

OVERALL MAIN FLOOR PLAN

M2.1

GENERAL NOTES

A. SEE SHEET M0.1 FOR FURTHER GENERAL INFORMATION

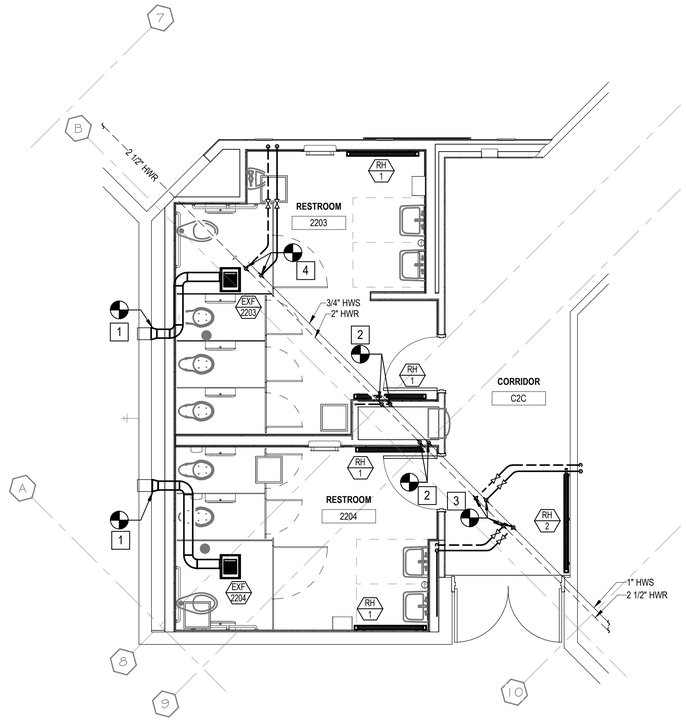
KEYED NOTES

1 CONNECT NEW 6" EXHAUST DUCT TO EXISTING BRICK VENT.

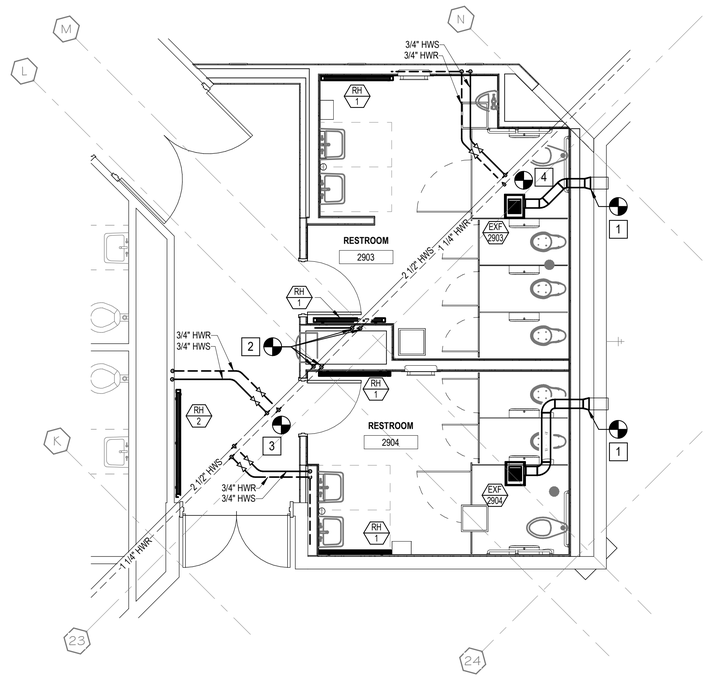
2 CONNECT NEW 3/4" HEATING WATER SUPPLY AND RETURN TO MAINS AND ROUTE DOWN TO NEW RADIANT HEAT PANEL. INSTALL AND COORDINATE ACCESS PANEL IN WALL FOR CONTROL VALVE.

3 CONNECT NEW 3/4" HEATING WATER SUPPLY AND RETURN TO MAINS AND ROUTE DOWN TO NEW RADIANT HEAT PANEL. INSTALL CONTROL VALVE ABOVE CEILING TO MAINTAIN ACCESSABILITY.

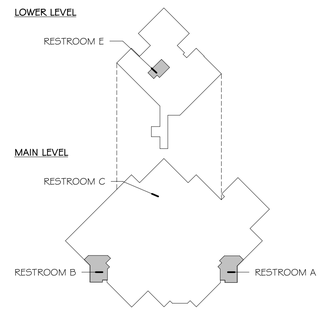
4 CONNECT NEW 3/4" HEATING WATER SUPPLY AND RETURN TO MAINS AND ROUTE DOWN TO NEW RADIANT HEAT PANEL. INSTALL CONTROL VALVE ABOVE CEILING. COORDINATE VALVE INSTALLATION LOCATION WITH ARCHITECTURAL ACCESS PANEL.



1 M3.1 ENLARGED FLOOR PLAN - RESTROOM B - MECHANICAL
1/4" = 1'-0"



2 M3.1 ENLARGED FLOOR PLAN - RESTROOM A - MECHANICAL
1/4" = 1'-0"



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ENLARGED PLANS

M3.1

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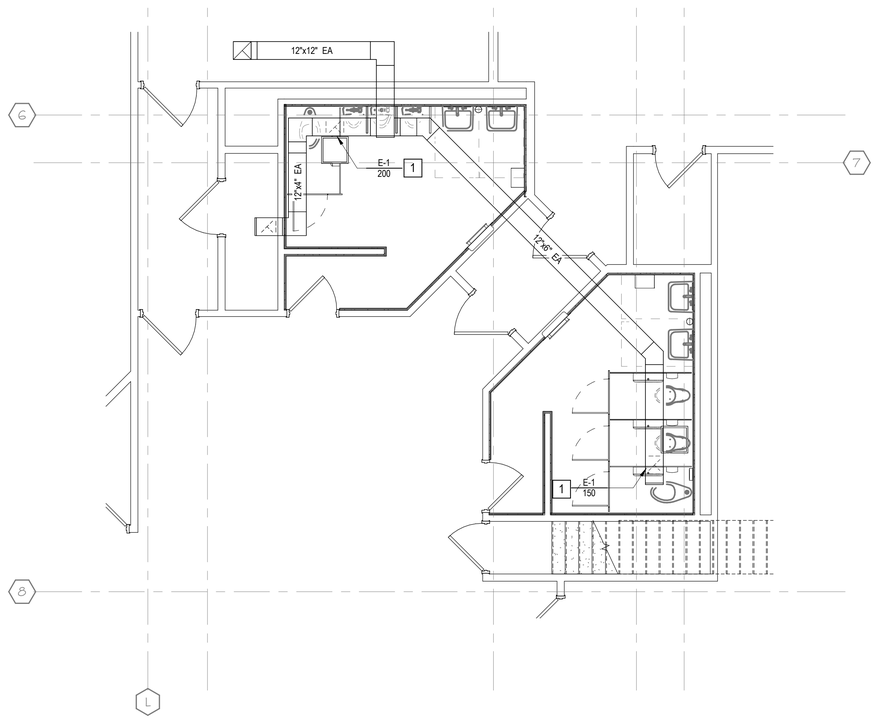
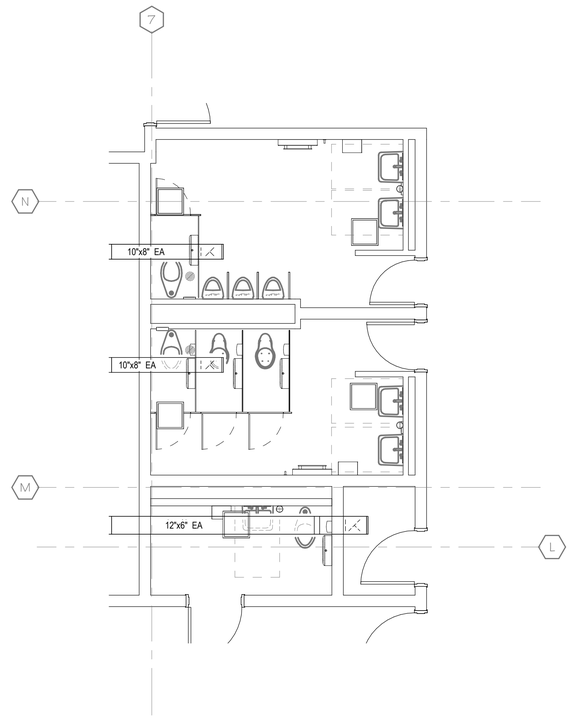


1 ENLARGED PLAN - RESTROOM C - MECHANICAL
M3.2 1/4" = 1'-0"



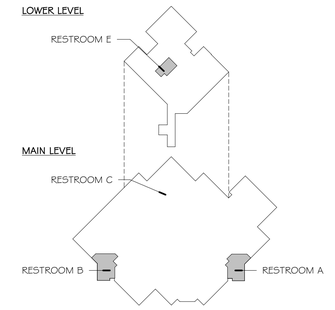
2 ENLARGED PLAN - RESTROOM E - MECHANICAL*
M3.2 1/4" = 1'-0"

GENERAL NOTES

A. SEE SHEET M0.1 FOR FURTHER GENERAL INFORMATION

KEYED NOTES

1 CONNECT NEW EXHAUST AIR DEVICE, E-1, TO EXISTING 12' X 6" EXHAUST DUCT.



KEY PLAN
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ENLARGED PLANS

M3.2

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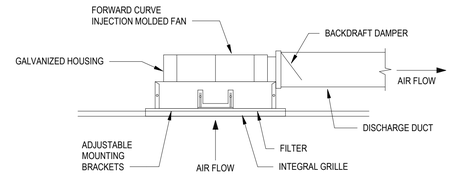
RADIANT PANEL SCHEDULE

PLAN MARK	MANUFACTURER	MODEL	CAPACITY (MBH/LF)	LENGTH	NOTES
RH-1	Runtal Radiators	ThermoTouch-4F	952	4'	
RH-2	Runtal Radiators	ThermoTouch-4F	952	6'	

EXHAUST FAN SCHEDULE

REMARKS:
1. SEE ELECTRICAL DRAWINGS FOR FURTHER ELECTRICAL INFORMATION.
2. PROVIDE FACTORY FAN SPEED CONTROLLER TO INTEGRATE INTO EXISTING BUILDING BAS SYSTEM.
3.
4.
5. PROVIDE WITH FACTORY MOUNTED DISCONNECT.
6.
7. INSTALL PER MANUFACTURER'S INSTRUCTIONS

TAG	AREA SERVED	MANUFACTURER	MODEL	TYPE	DRIVE	AIR FLOW	ESP (IN. H2O)	HP	V/PH/HZ	WEIGHT (LBS)	APPROX. ROOF OPENING	REMARKS
EXF-2903	RESTROOM 2903	COOK	GCVF-180	CEILING MOUNTED	EC	200 CFM		0.06	15/1/60	16		
EXF-2904	RESTROOM 2904	COOK	GCVF-180	CEILING MOUNTED	EC	200 CFM		0.06	15/1/60	16		
EXF-2204	RESTROOM 2204	COOK	GCVF-180	CEILING MOUNTED	EC	200 CFM		0.06	15/1/60	16		
EXF-2203	RESTROOM 2203	COOK	GCVF-180	CEILING MOUNTED	EC	200 CFM		0.06	15/1/60	16		



1 / M5.0 FAN - CEILING MOUNTED DETAIL
NOT TO SCALE

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NUMBER PE-2010019577
PROFESSIONAL ENGINEER
10/30/2026

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MECHANICAL - DETAILS & SCHEDULES

M5.0

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SCALE: 3" = 1'-0" (0, 0.25, 0.5, 1)
SCALE: 1 1/2" = 1'-0" (0, 0.5, 1, 2)
SCALE: 1" = 1'-0" (0, 0.5, 1, 2)
SCALE: 3/4" = 1'-0" (0, 1, 2, 3)
SCALE: 1/2" = 1'-0" (0, 1, 2, 4)
SCALE: 1/4" = 1'-0" (0, 2, 4, 8)
SCALE: 1/8" = 1'-0" (0, 4, 8, 16)
SCALE: 1/16" = 1'-0" (0, 8, 16, 32)

PLUMBING SEISMIC DESIGN CODE SCHEDULE

OCCUPANCY CATEGORY: III

SEISMIC DESIGN CATEGORY: D

LISTING OF EQUIPMENT AND SYSTEM COMPONENTS	ANCHORAGE TO FLOORS, ROOFS, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY SEALED ANCHORAGE AND SWAY BRACING DETAILS.				COMMENTS
	NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	ON CONST. DOCUMENTS		SUBSEQUENT SUBMITTAL		
					DWG. NO.	SPEC SECT.	SHOP DWGS	SEP. PERMIT	
FIRE PROTECTION, DETECTION & ALARM EQUIPMENT & SYSTEM COMPONENTS: N/A									NOTE #
HAZARDOUS EQUIPMENT AND SYSTEM COMPONENTS: N/A									NOTE #
OTHER EQUIPMENT AND SYSTEM COMPONENTS NEEDED FOR CONTINUED OPERATION OF SEISMIC GROUP III & IV FACILITIES OR WHOSE FAILURE COULD IMPAIR THEIR CONTINUED OPERATION: N/A									NOTE #
OTHER GENERAL EQUIPMENT AND SYSTEM COMPONENTS STORM PIPING/ROOF DRAINAGE DOMESTIC WATER SYSTEM SANITARY WASTE/VENT SYSTEM Ip = 1.0	X X X								NOTE # 5, 6

TYPICAL NOTES:

1. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY A OR B.
2. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY C AND THE COMPONET IMPORTANCE FACTOR = 1.0.
3. TABLE 4.4, GENERAL EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR ALL MEP COMPONENTS IN SEISMIC DESIGN CATEGORY D, E OR F, AND THE COMPONENT IMPORTANCE FACTOR = 1.0, AND COMPONENTS HAVE APPROVED FLEXIBLE CONNECTIONS NO LESS THAN 3 FEET IN LENGTH TO THE ASSOCIATED DUCTWORK, PIPING AND CONDUIT, AND THE COMPONENTS ARE EITHER:
   1. MOUNTED 4 FEET OR LESS ABOVE THE FLOOR LEVEL AND WEIGH 400 POUNDS OR LESS.
   2. WEIGH 20 POUNDS OR LESS, OR FOR DISTRIBUTION SYSTEMS WEIGHING 5 LB/FT OR LESS.
4. TABLE 4.4, DUCT EXEMPTION - SEISMIC BRACING NOT REQUIRED FOR DUCTS NOT PART OF HAZARDOUS EXHAUST SYSTEMS OR FIRE PROTECTION SYSTEMS SUCH AS SMOKE CONTROL OR EVACUATION SYSTEMS WHEN EITHER:
   1. HVAC DUCTS SUSPENDED FROM HANGERS 12 INCHES OR LESS IN LENGTH: HANGERS SHALL BE DETAILED TO AVOID SIGNIFICANT BENDING OF THE HANGERS AND THEIR ATTACHMENTS.
   2. HVAC DUCTS HAVING A CROSS-SECTIONAL AREA OF LESS THAN 6 SQUARE FEET.
5. TABLE 4.4, PIPING SYSTEM EXEMPTIONS - SEISMIC BRACING NOT REQUIRED FOR PIPING THAT IS SUPPORTED BY ROD HANGERS: HANGERS IN THE PIPE RUN ARE 12 INCHES OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO AVOID BENDING OF THE HANGERS AND THEIR ATTACHMENTS; AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTED DEFLECTIONS.
6. TABLE 4.4, PIPING SYSTEM EXEMPTIONS - SEISMIC BRACING NOT REQUIRED FOR HIGH DEFORMABILITY PIPING; PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER PIPING OR MECHANICAL COMPONENTS OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT; AND THE NOMINAL PIPE SIZES ARE LIMITED TO:
   1. 1 INCH OR LESS FOR SEISMIC DESIGN CATEGORY D, E OR F, AND IMPORTANCE FACTOR > 1.0.
   2. 2 INCHES OR LESS FOR SEISMIC DESIGN CATEGORY C, AND IMPORTANCE FACTOR > 1.0.
   3. 3 INCHES OR LESS FOR SEISMIC DESIGN CATEGORY D, E OR F, AND IMPORTANCE FACTOR = 1.0.
7. TABLE 4.4, GAS PIPING SYSTEM EXEMPTIONS - SEISMIC BRACING NOT REQUIRED FOR ALL TYPES OF EXTERIOR GAS PIPING INSTALLED ON ROOFS IN SEISMIC DESIGN CATEGORY C, D, E OR F, WHEN SUCH PIPING WILL SUPPLY GAS UNDER NO MORE THAN 2 PSI AND IS PROTECTED BY ONE OF THE TWO FOLLOWING METHODS:
   1. AN APPROVED SEISMIC SHUT-OFF VALVE IS INSTALLED WITHIN 5 FEET OF THE BEGINNING OF THE RUN OF GAS PIPE ON THE ROOF, OR OTHER APPROVED LOCATION.
   2. APPROVED FLEXIBLE PIPING NO LESS THAN 3 FEET IN LENGTH IS INSTALLED WITHIN 3 FEET OF THE BEGINNING OF THE RUN OF GAS PIPE ON THE ROOF AND AT THE CONNECTION TO THE EQUIPMENT SERVED BY THE PIPE AND AT INTERVALS ALONG THE RUN OF NO MORE THAN 42 FEET.
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO SUBMITTAL TO THE PLAN REVIEWER.
9. REFER TO ROOFTOP UNIT CURB DETAIL FOR ADDITIONAL INSTALLATION REQUIREMENTS.
10. COMPONENTS THAT ARE INSTALLED IN-LINE WITH THE DUCT SYSTEM AND HAVE AN OPERATING WEIGHT GREATER THAN 75 LBS. SHALL BE SUPPORTED AND LATERALLY BRACED INDEPENDENT OF THE DUCT SYSTEM.
11. UNBRACED PIPING ATTACHED TO IN-LINE EQUIPMENT SHALL BE PROVIDED WITH ADEQUATE FLEXIBILITY TO ACCOMMODATE DIFFERENTIAL DISPLACEMENTS.
12. APPURTANCES SUCH AS DAMPERS, LOUVERS AND DIFFUSERS SHALL BE POSITIVELY ATTACHED WITH MECHANICAL FASTENERS.

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Missouri 2010019577 Expires 10/30/2026
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SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

PLUMBING SYMBOLS & ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

- TRAPPED CONNECTION
- STRAINER
- BALANCING VALVE
- CLEANOUT (CO)
- OS & Y GATE VALVE
- TEMPERATURE GAUGE
- THERMOSTATIC MIXING VALVE
- REDUCED PRESSURE BACKFLOW PREVENTER
- HOSE BIBB/WALL HYDRANT
- AV — ACID VENT
- AW — ACID WASTE
- D — DRAIN PIPING
- DE — DEIONIZED WATER PIPING
- RO — REVERSE OSMOSIS PIPING (RO)
- DOMESTIC COLD WATER PIPING (CW)
- DOMESTIC HOT WATER PIPING (HW)
- DOMESTIC HOT WATER RETURN PIPING (HWR)
- NP — NON-POTABLE WATER PIPING
- PD — PUMP DISCHARGE PIPING
- SANITARY PIPING
- SSD — SUBSOIL DRAINAGE PIPING
- ST — STORM PIPING
- OST — OVERFLOW STORM PIPING
- TW — TEMPERED WATER
- VENT PIPING
- EXISTING FIXTURE TO BE REMOVED
- EXISTING FIXTURE
- NEW FIXTURE
- FLEXIBLE CONNECTION
- FLOOR DRAIN/FLOOR SINK (FD/FS)
- CIRCULATION PUMP

COMMON SYMBOLS & ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

- DIRECTION OF FLOW
- BRANCH CONNECTION, BOTTOM
- BRANCH CONNECTION, TOP
- ELBOW, TURNED DOWN
- ELBOW, TURNED UP
- SHUTOFF VALVE
- CHECK VALVE
- PRESSURE REDUCING VALVE
- PRESSURE GAUGE
- UNION
- PIPING CAP
- EXISTING PIPING TO BE REMOVED
- MATCH LINE
- CONNECTION TO EXISTING
- # / P501 — DETAIL DESIGNATION
- X / # — RISER DESIGNATION
- # — KEYED NOTE
- # — REVISION NOTE

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
AP	ACCESS PANEL
DIA	DIAMETER
DN	DOWN
EX OR EXIST	EXISTING
FFE	FINISHED FLOOR ELEVATION
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
IE OR INV. ELEV	INVERT ELEVATION
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
PSI	POUNDS PER SQUARE INCH
RPM	REVOLUTIONS PER MINUTE
RI	ROUGH-IN
VIF	VERIFY IN FIELD

FIRE STOPPING NOTES

1 MATERIALS: USE ONLY FIRE STOP PRODUCTS THAT HAVE BEEN UL 1479, ASTM E-814, OR UL 2079 TESTED FOR SPECIFIC FIRE RATE CONSTRUCTION CONDITIONS CONFORMING TO CONSTRUCTION ASSEMBLY TYPE, PENETRATING ITEM TYPE, ANNULAR SPACE REQUIREMENTS, AND FIRE RATING INVOLVED FOR EACH SEPARATE INSTANCE.

2 FOR SINGLE PENETRATIONS: A READY-TO-USE LATEX BASED INTUMESCENT SEALANT IS REQUIRED TO MAINTAIN THE FIRE RATING OF THE ASSEMBLY PENETRATED. THE SEALANT MUST HAVE UL LISTING FOR BOTH SLEEVED AND NON-SLEEVED APPLICATIONS.

3 FOR LARGE OPENINGS: CONTAINING MULTIPLE PENETRATIONS (2 OR MORE), A READY-TO-USE FOAM INTUMESCENT BLOCK MATERIAL MUST BE ABLE TO BE REMOVED AND REINSTALLED WITHOUT COMPROMISING FIRE PROTECTION INTEGRITY. COMPLY WITH MANUFACTURER'S RECOMMENDED PROCEDURES AND PRECAUTIONS. DO NOT USE DAMAGED OR EXPIRED MATERIALS.

4 MANUFACTURERS: JOHNS MANVILLE INTERNATIONAL, 3M BRAND, CSD SEALING SYSTEMS, HILTI, CIBA-GEIGY, HEAVY-DUTY / NEALSON. REFER TO DIVISION 7 FOR FURTHER REQUIREMENTS.

PLUMBING ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

ADA	AMERICANS WITH DISABILITIES ACT
AP	ACCESS PANEL
BTC	BRANCH TO CONNECTION
BV	BALANCE VALVE
CI	CAST IRON
CO	CLEANOUT
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DS	DOWNSPOUT
DW	DISHWASHER
DWH	DOMESTIC WATER HEATER
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEAN OUT
GD	GARBAGE DISPOSAL
HB	HOSE BIBB
HWRP	HOT WATER RETURN PUMP
IM	ICE MAKER
IW	INDIRECT WASTE
LA	LAVATORY
MB	MOP BASIN
NIC	NOT IN CONTRACT
OB	OUTLET BOX
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
S	SANITARY
S/S	STAINLESS STEEL
SK	SINK
SS	SANITARY STACK
TMV	THERMOSTATIC MIXING VALVE
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VS	VENT STACK
VTR	VENT THRU ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WM	WATER METER
WS	WASTE STACK
WSV	WASTE STACK VENT
YCO	YARD CLEANOUT

PLUMBING AND FIRE PROTECTION GENERAL...

1 DUE TO THE LIMITED SPACE AVAILABLE FOR THE INSTALLATION OF ALL THE PLUMBING WORK, COORDINATION BETWEEN ALL OTHER TRADES IS OF THE UTMOST IMPORTANCE.

2 THIS CONTACTOR SHALL VISIT THE PROJECT SITE, AND VERIFY LOCATIONS, ELEVATIONS AND SIZES OF ALL UTILITIES AT SITE PRIOR TO PROCEEDING WITH WORK. EXISTING SYSTEMS AND STRUCTURE SHALL BE INVESTIGATED FOR BEST POSSIBLE ROUTING OF COLD WATER, HOT WATER, SANITARY WASTE AND VENT, STORM AND MEDICAL/LABORATORY GAS PIPING.

3 THESE PLANS ARE DIAGRAMMATIC IN NATURE SINCE THE ONLY AVAILABLE INFORMATION HAS BEEN OBTAINED FROM EXISTING PLANS, SPECIFICATIONS, AND FIELD SURVEYS. THE EXACT LOCATION OF PIPING, FIXTURES, AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS, EXTREME ACCURACY IS NOT GUARANTEED. THIS CONTRACTOR SHALL BE PREPARED TO MAKE ALTERATIONS TO NEW AND/OR EXISTING SERVICES TO FIT JOB CONDITIONS. THIS CONTRACTOR SHALL FURNISH A COMPLETE AND CODE COMPLYING SYSTEM. THIS CONTRACTOR SHALL REPORT, IN WRITING, ANY DISCREPANCIES WHICH PREVENT THE INSTALLATION OF WORK AS SHOWN.

4 IF THIS CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT COMPLETELY SURE OF THEIR MEANING, THIS CONTRACTOR SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND/OR INTERPRETATION PRIOR TO SUBMITTING BIDS, SINCE THIS CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.

5 IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO REPAIR THE EXISTING SURFACES TO REMAIN WHERE THEIR WORK HAS BEEN COMPLETED. REPAIR SHALL INCLUDE, BUT NOT LIMITED TO, ANY EXISTING WALL, CEILING OR FLOOR THAT IS SCHEDULED TO REMAIN. REPAIR, PAINTING, AND PATCHING SHALL BE COMPLETED BY AN APPROPRIATE CONTRACTOR QUALIFIED FOR THIS TYPE OF WORK.

6 THE OWNER SHALL MAINTAIN ALL SALVAGE RIGHTS OF FIXTURES. EQUIPMENT AND MATERIALS REMOVED. HOWEVER, ALL FIXTURES, EQUIPMENT AND MATERIALS NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES AND PROPERLY DISPOSED OF BY THE DEMOLITION CONTRACTOR.

7 CEILING REMOVAL, STORAGE, AND REPLACEMENT FOR NEW PIPING INSTALLATION SHALL BE BY THE GENERAL CONTRACTOR.

8 IF HAZARDOUS MATERIALS (ASBESTOS) ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR WILL STOP WORK AT THE PARTICULAR LOCATION AND NOTIFY BUILDING OWNER OF THE HAZARDOUS MATERIAL. THE CONTRACTOR WILL CONTINUE WORK AFTER REMOVAL OF HAZARDOUS MATERIALS IS COMPLETED.

9 TEMPORARY CONNECTIONS SHALL BE PROVIDED BY RESPECTIVE PLUMBING CONTRACTORS WHEN EXTENDED INTERRUPTIONS OF SERVICES AND UTILITIES SUCH AS WATER, WASTE AND FIRE PROTECTION WHICH SERVE OTHER AREAS ARE NECESSARY.

10 COORDINATE WITH MAINTENANCE PERSONNEL AS TO SOURCE OF UTILITIES AND TEMPORARILY DISCONNECT OR SHUT OFF SERVICES OR UTILITIES AT NEAREST MAIN. TEMPORARY AND ACCESSIBLE ISOLATION VALVES SHALL BE INSTALLED CLOSE TO THIS POINT OF WORK.

11 IT IS ESSENTIAL THAT BUILDING OPERATIONS CONTINUE WITH MINIMAL INTERRUPTIONS. IT IS NECESSARY THAT OPERATION OF EXISTING SYSTEMS BE INTERFACED WITH AS LITTLE DISRUPTION AS POSSIBLE EXCEPT IN AREAS VACATED FOR CONTRUCTION WORK. WORK WHICH WILL INTERFERE WITH OPERATION OF EXISTING FIRE SUPPRESSION AND PLUMBING SYSTEMS OR WHICH REQUIRE DOWNTIME, WILL BE SCHEDULED ONLY AFTER CONSULTATION WITH AND PERMISSION GIVEN BY THE OWNER. ALLOW 10 DAYS PRIOR TO ANTICIPATED INTERRUPTION OF SYSTEMS. WORK MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORKING HOURS.

12 ARCHITECTURAL DEMOLITION DRAWINGS AND SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THESE DRAWINGS.

13 ALL PIPE HANGERS AND SUPPORTS SHALL BE REMOVED ALONG WITH PIPING BEING REMOVED.

14 THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH PROJECT'S PHASING SCHEDULE PRIOR TO COMMENCEMENT OF ANY WORK.

15 WHEN PLACING NEW PLUMBING FIXTURES, CONTRACTOR SHALL VERIFY LOCATIONS OF PLUMBING VENTS. OFFSET VENTS THAT TERMINATE WITHIN 25 FEET OF HVAC UNITS OUTDOOR AIR INTAKES. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID WHERE THE INTERFERENCE'S ARE AND PRICE ACCORDINGLY OR MAKE ALLOWANCES IN BID.

16 USE CAUTION WHEN SAW-CUTTING THROUGH EXISTING CONCRETE FLOOR OR WALL CONSTRUCTION FOR THE INSTALLATION OF PLUMBING SYSTEMS TO AVOID CUTTING REBAR AT EDGE OF OPENING. LEAVE SUFFICIENT REBAR EXPOSED TO TIE NEW REINFORCING FOR REPLACEMENT CONCRETE AND/OR OTHER STRUCTURAL ATTACHMENTS FOR NEW CONSTRUCTION.

17 CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS, TRANSITIONS, OFFSETS, ETC., TO AVOID DUCTWORK, PIPING, EQUIPMENT, OR STRUCTURE NEW OR EXISTING AND TO MAKE A COMPLETE AND FUNCTIONING SYSTEM.

PLUMBING SHEET INDEX:

SHEET NO.	SHEET NAME
P2.0	OVERALL LOWER LEVEL FLOOR PLAN
P2.1	OVERALL MAIN FLOOR PLAN
P3.1	ENLARGED PLANS
P3.2	ENLARGED PLANS
PD2.0	OVERALL LOWER LEVEL DEMOLITION FLOOR PLANS
PD2.1	OVERALL DEMOLITION FLOOR PLANS
PD3.1	DEMOLITION ENLARGED PLANS
PD3.2	DEMOLITION ENLARGED PLANS
P0.0	PLUMBING SEISMIC CODE BLOCK
P0.1	PLUMBING LEGEND AND NOTES
P5.0	PLUMBING - DETAILS
P6.0	PLUMBING - SCHEDULES

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P0.1

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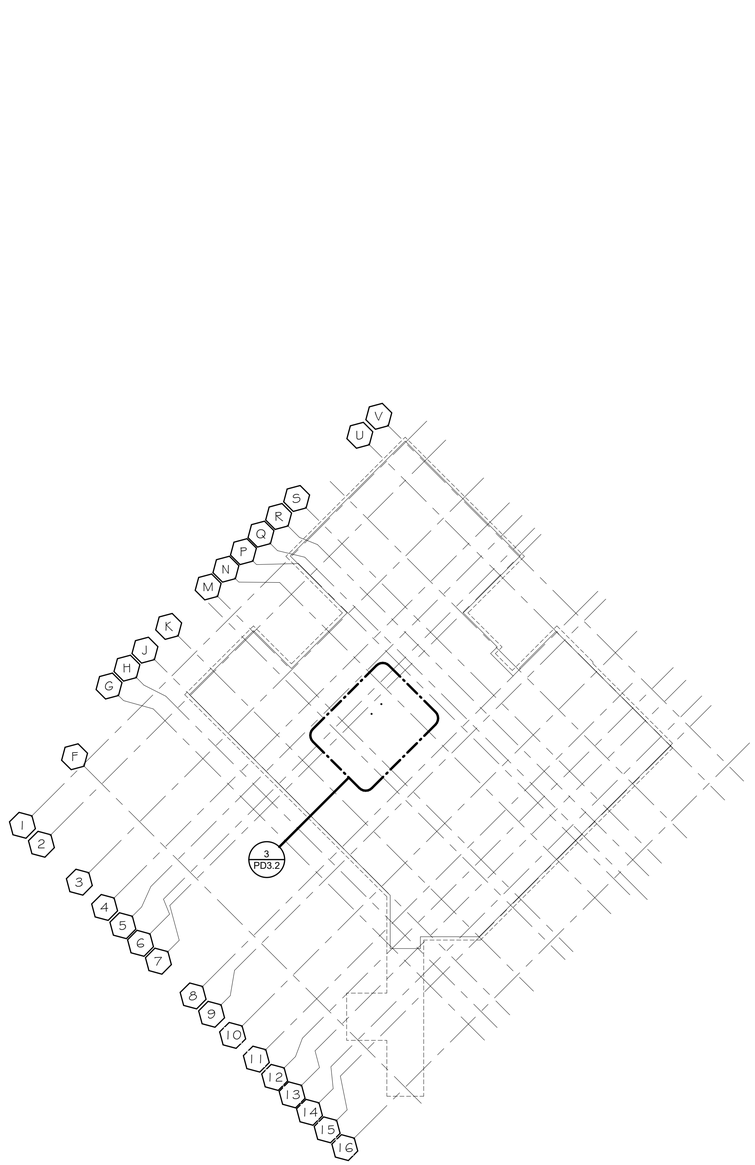
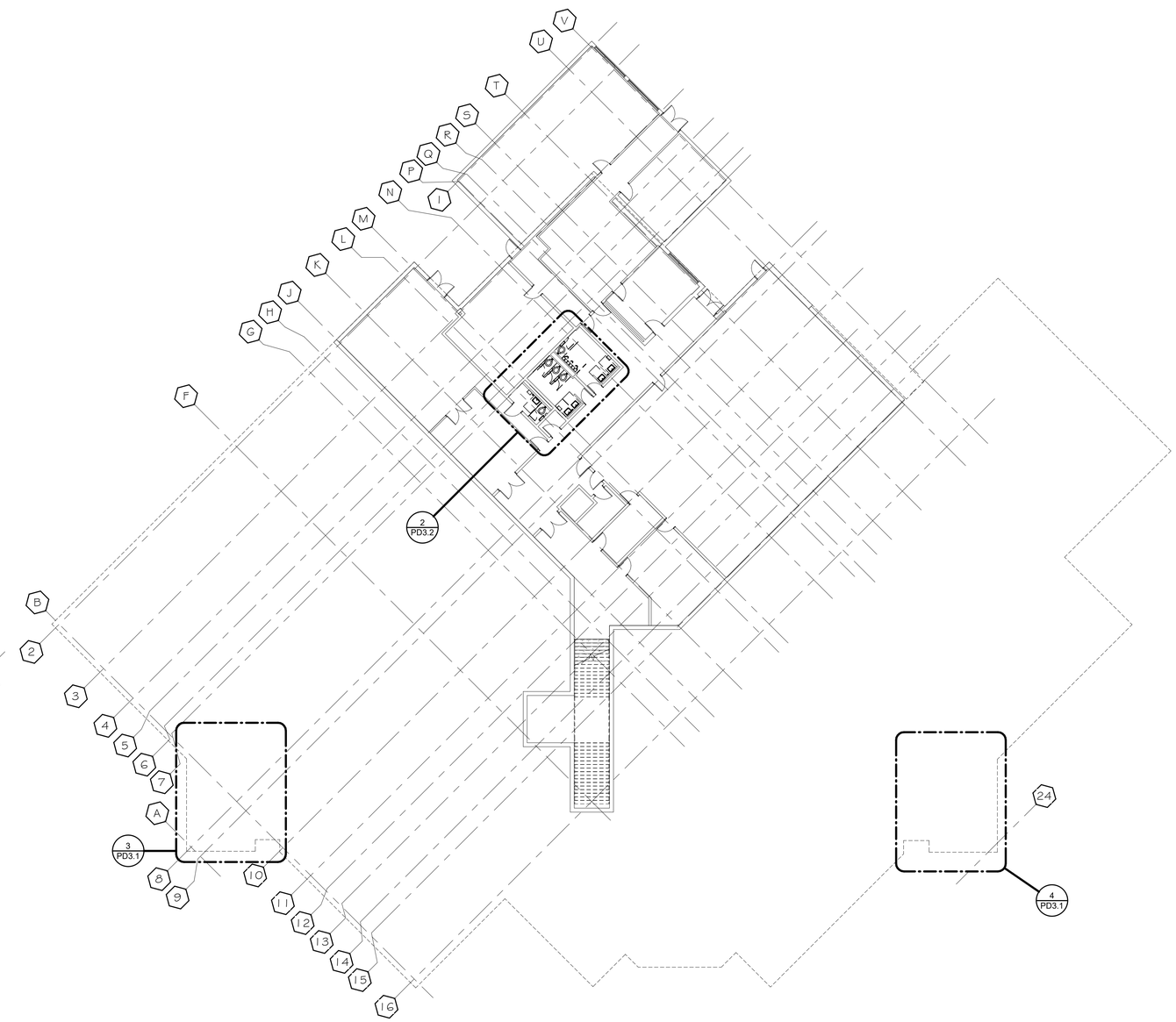


1 PD2.0 OVERALL UNDERGROUND FLOOR PLAN - LOWER LEVEL - PLUMBING - DEMOLITION
3/64" = 1'-0"



2 PD2.0 OVERALL FLOOR PLAN - LOWER LEVEL - PLUMBING DEMO
1/16" = 1'-0"

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DATE: 11/05/2026

BID/PERMIT SET

OVERALL LOWER LEVEL DEMOLITION FLOOR PLANS

PD2.0

SCALE: 3" = 1'-0"

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

SCALE: 1" = 1'-0"

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

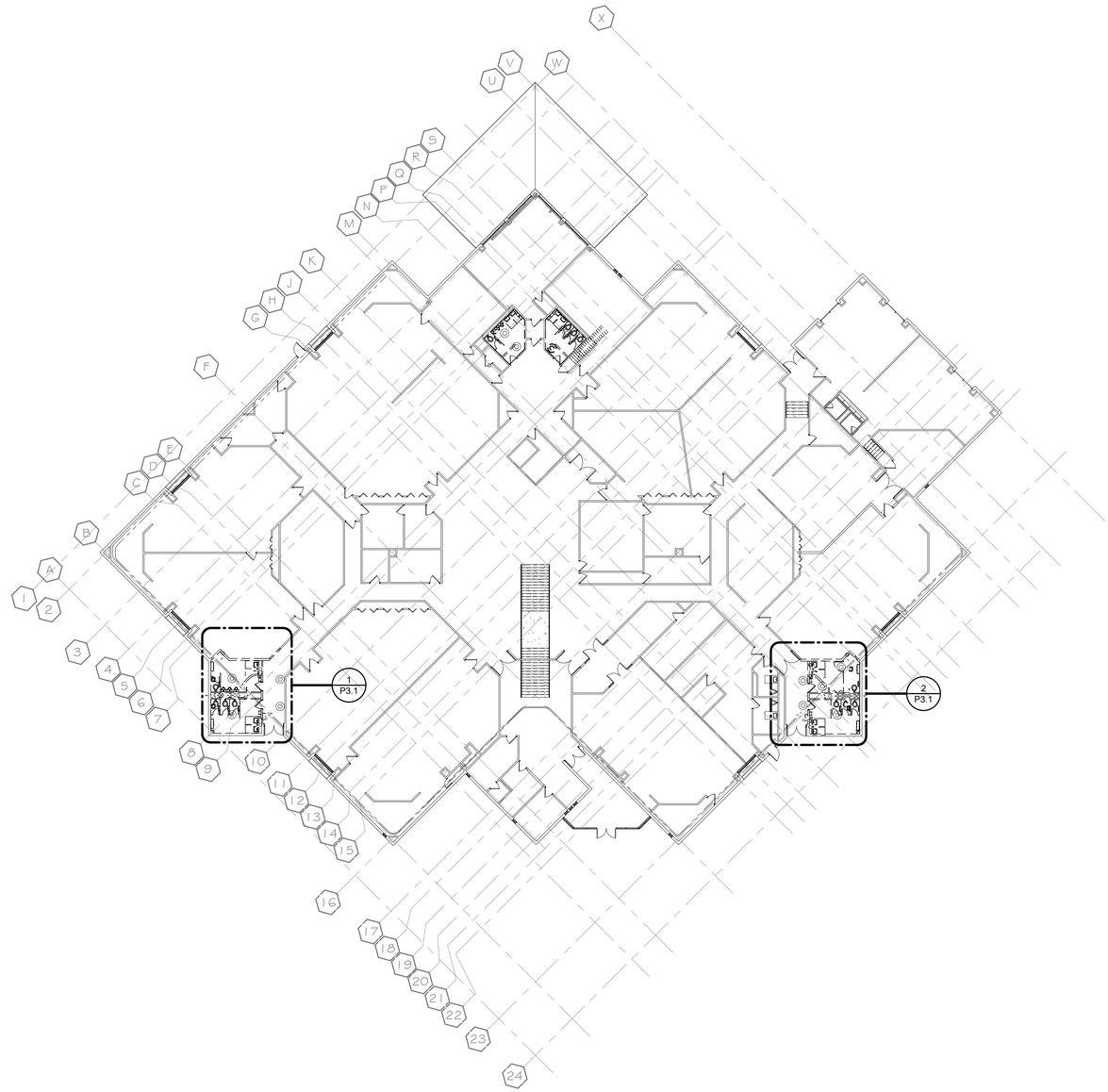
SCALE: 1/2" = 1'-0"

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

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

SCALE: 1/16" = 1'-0"

11/2/2026 9:10:33 AM



N 2 RD2.1 OVERALL FLOOR PLAN - MAIN LEVEL - PLUMBING DEMOLITION
3/64" = 1'-0"

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Project No: 26023

Revisions

Description	Date

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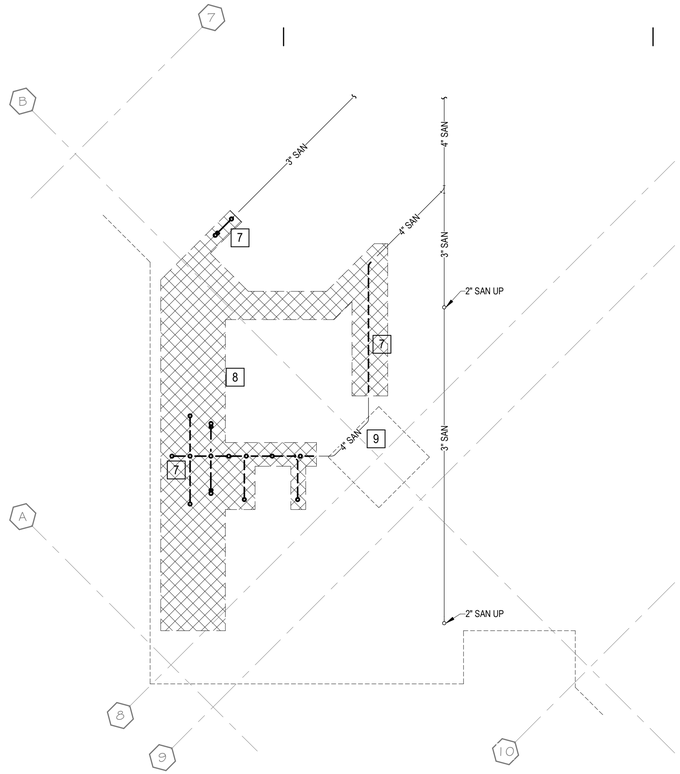
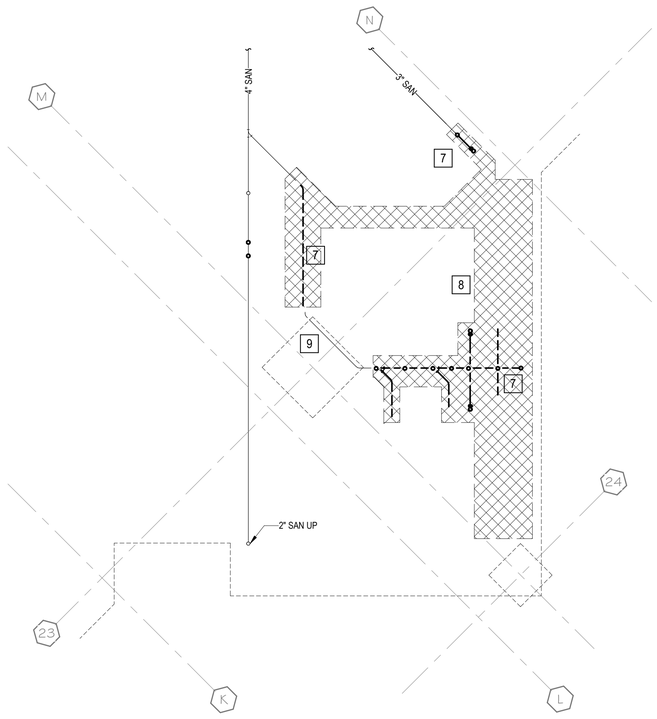
BID/PERMIT SET

OVERALL DEMOLITION FLOOR PLANS

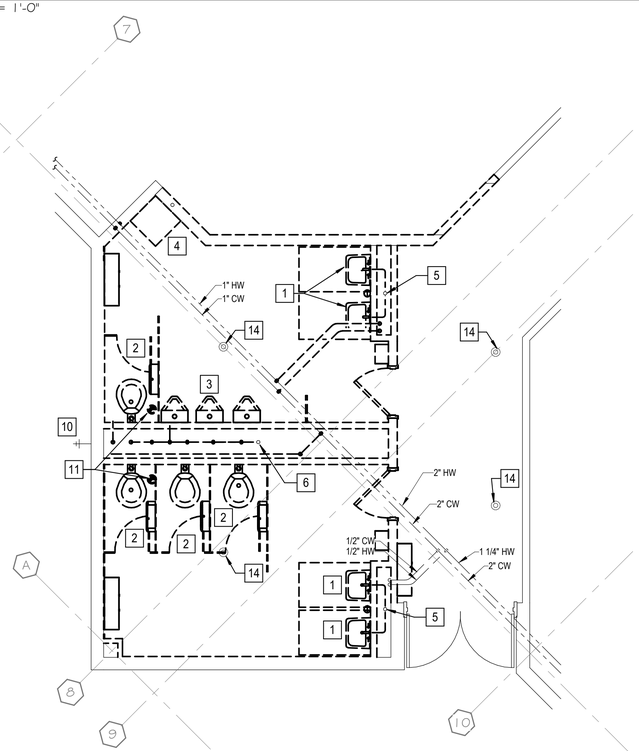
PD2.1



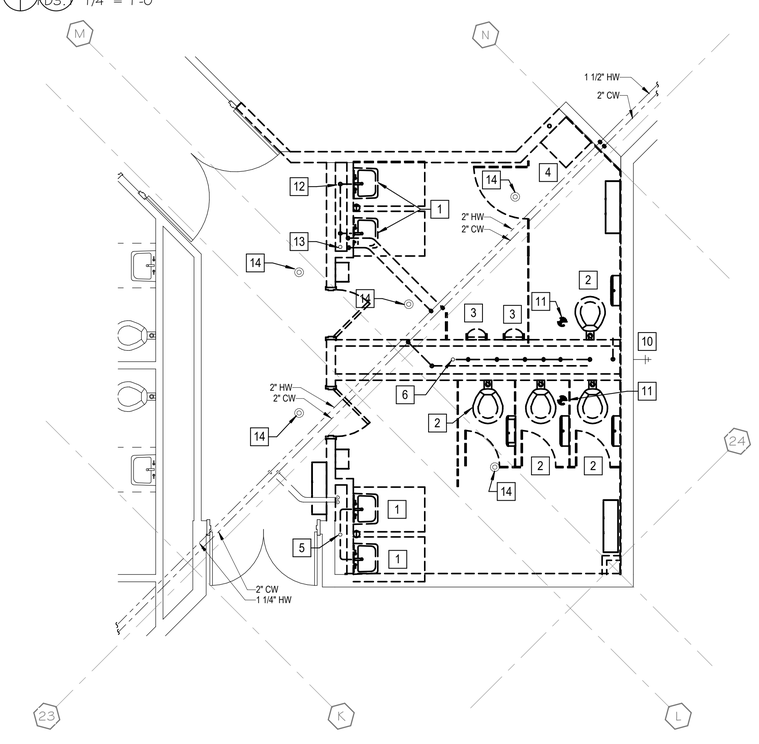
3 ENLARGED FLOOR PLAN - UNDERGROUND AREA B - PLUMBING DEMO
N RD3.1 1/4" = 1'-0"



4 ENLARGED FLOOR PLAN - UNDERGROUND AREA A - PLUMBING DEMO
N RD3.1 1/4" = 1'-0"



1 ENLARGED FLOOR PLAN - RESTROOM B - PLUMBING DEMOLITION
N RD3.1 1/4" = 1'-0"



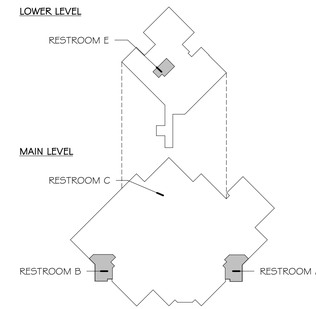
2 ENLARGED FLOOR PLAN - RESTROOM A - PLUMBING DEMOLITION
N RD3.1 1/4" = 1'-0"

GENERAL NOTES

A. SEE SHEET P0.1 FOR FURTHER GENERAL NOTES.

KEYED NOTES

1. REMOVE EXISTING LAVATORY, ACCESSORIES, AND SANITARY/VENT PIPING, DOMESTIC HOT AND COLD WATER BACK TO MAIN.
2. REMOVE EXISTING WATER CLOSET ACCESSORIES, AND SANITARY/VENT PIPING, DOMESTIC COLD WATER BACK TO MAIN.
3. REMOVE EXISTING URINAL ACCESSORIES, AND SANITARY/VENT PIPING, DOMESTIC HOT AND COLD WATER BACK TO MAIN.
4. REMOVE EXISTING MOP BASIN AND ALL ASSOCIATED ACCESSORIES. REMOVE EXISTING SANITARY AND ASSOCIATED VENT PIPING BACK TO MAIN AND SEAL. REMOVE EXISTING DOMESTIC HOT AND COLD WATER BACK TO MAINS AND SEAL.
5. REMOVE EXISTING SANITARY SHOWN DASHED. EXISTING 3" VENT THROUGH ROOF TO REMAIN.
6. REMOVE ALL EXISTING SANITARY/VENT PIPING AND DOMESTIC COLD WATER LOCATED WITHIN RESTROOM CHASE. EXISTING 4" VENT THROUGH ROOF TO REMAIN.
7. REMOVE EXISTING BELOW SLAB SANITARY/VENT PIPING SHOWN DASHED.
8. SAW CUT FLOOR AS REQUIRED FOR REMOVAL AND INSTALLATION ON EXISTING AND NEW SANITARY AND VENT PIPING. COORDINATE SLAB CUTTING REQUIRED WITH MECHANICAL PIPING REMOVAL.
9. ABANDONED EXISTING SANITARY THROUGH EXISTING CONCRETE FOOTING. CAP AND SEAL BOTH ENDS AIR TIGHT.
10. EXISTING WALL HYDRANT TO REMAIN.
11. REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED ACCESSORIES.
12. REMOVE EXISTING SANITARY, VENT, AND DOMESTIC COLD AND HOT WATER PIPING WITHIN CHASE.
13. EXISTING 3" VENT THROUGH ROOF TO REMAIN.



KEY PLAN
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Revisions

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DEMOLITION ENLARGED PLANS

PD3.1

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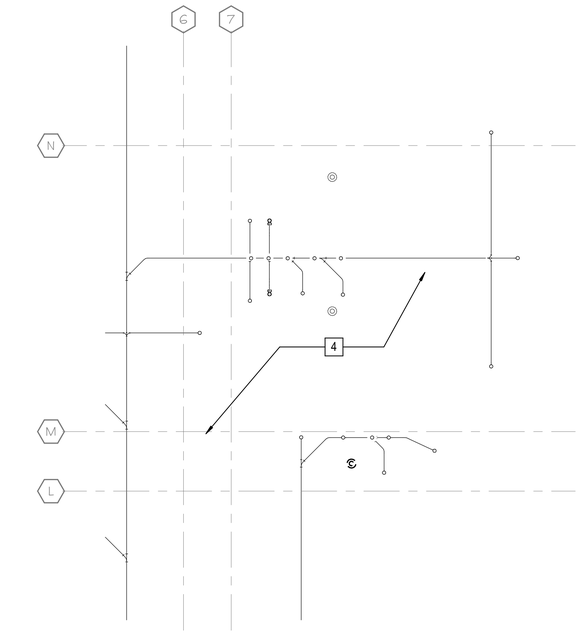
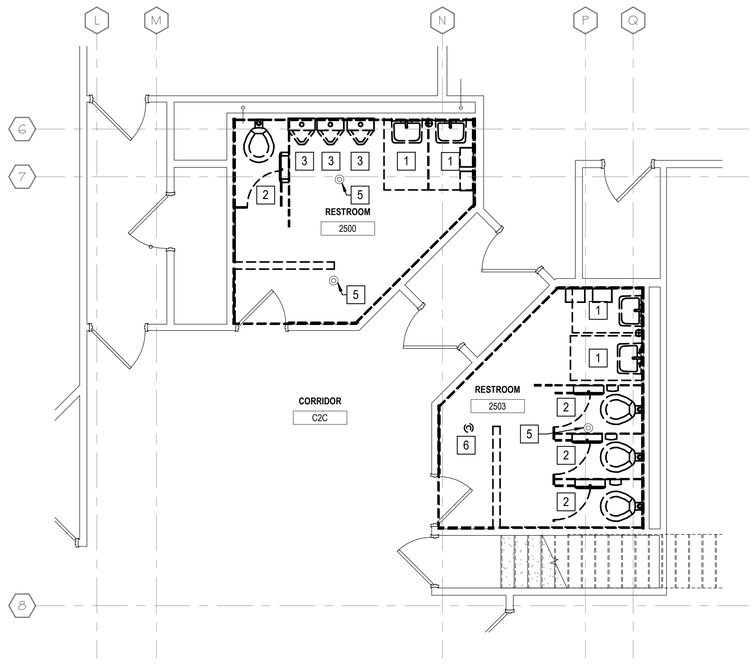
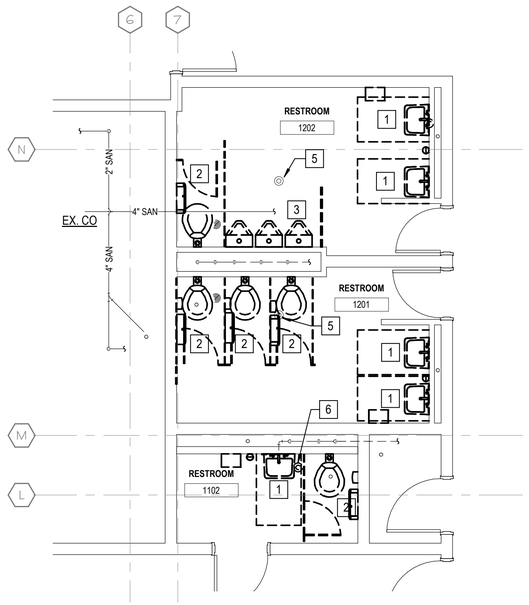


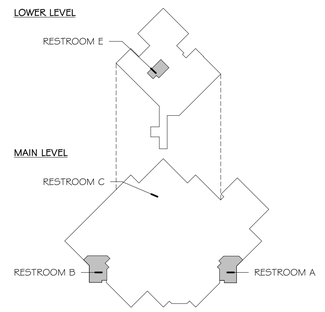
N 3 RD3.2 ENLARGED PLAN - UNDERGROUND RESTROOM E - PLUMBING DEMO
1/4" = 1'-0"



N 1 RD3.2 ENLARGED PLAN - RESTROOM C - PLUMBING DEMOLITION
1/4" = 1'-0"



N 2 RD3.2 ENLARGED PLAN - RESTROOM E - PLUMBING DEMO
1/4" = 1'-0"



KEY PLAN
1" = 100'-0"

GENERAL NOTES

A. SEE SHEET P0.1 FOR FURTHER GENERAL NOTES.

KEYED NOTES

1. REMOVE EXISTING LAVATORY. AND SUPPLIES. EXISTING SANITARY/VENT AND DOMESTIC HOT AND COLD WATER PIPING TO REMAIN AND SHALL BE PREPARED FOR NEW FIXTURE CONNECTION.
2. REMOVE EXISTING WATER CLOSET AND SUPPLIES. EXISTING SANITARY/VENT AND DOMESTIC HOT AND COLD WATER PIPING TO REMAIN AND SHALL BE PREPARED FOR NEW FIXTURE CONNECTION.
3. REMOVE EXISTING URINA. AND SUPPLIES. EXISTING SANITARY/VENT AND DOMESTIC HOT AND COLD WATER PIPING TO REMAIN AND SHALL BE PREPARED FOR NEW FIXTURE CONNECTION.
4. EXISTING UNDERGROUND PIPING FOR RESTROOM E TO REMAIN AS IS.
5. EXISTING SPRINKLER HEAD TO REMAIN.
6. REMOVE EXISTING SPRINKLER HEAD.

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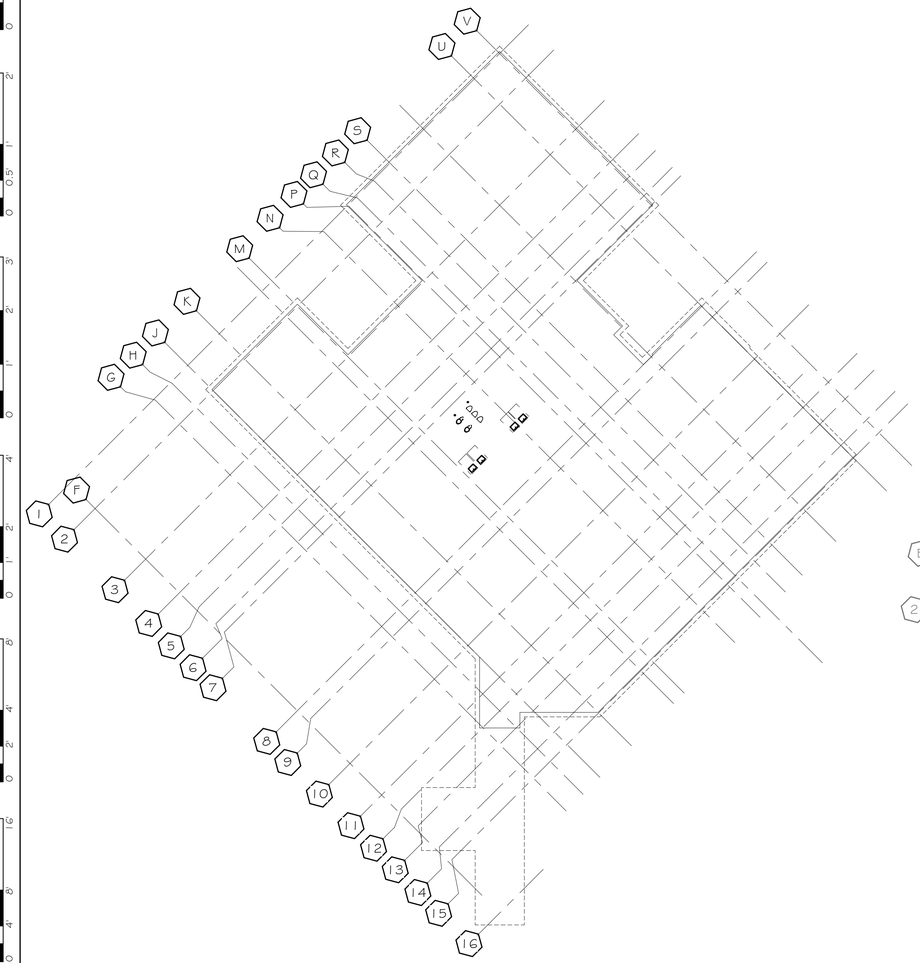
BID/PERMIT SET

DEMOLITION ENLARGED PLANS

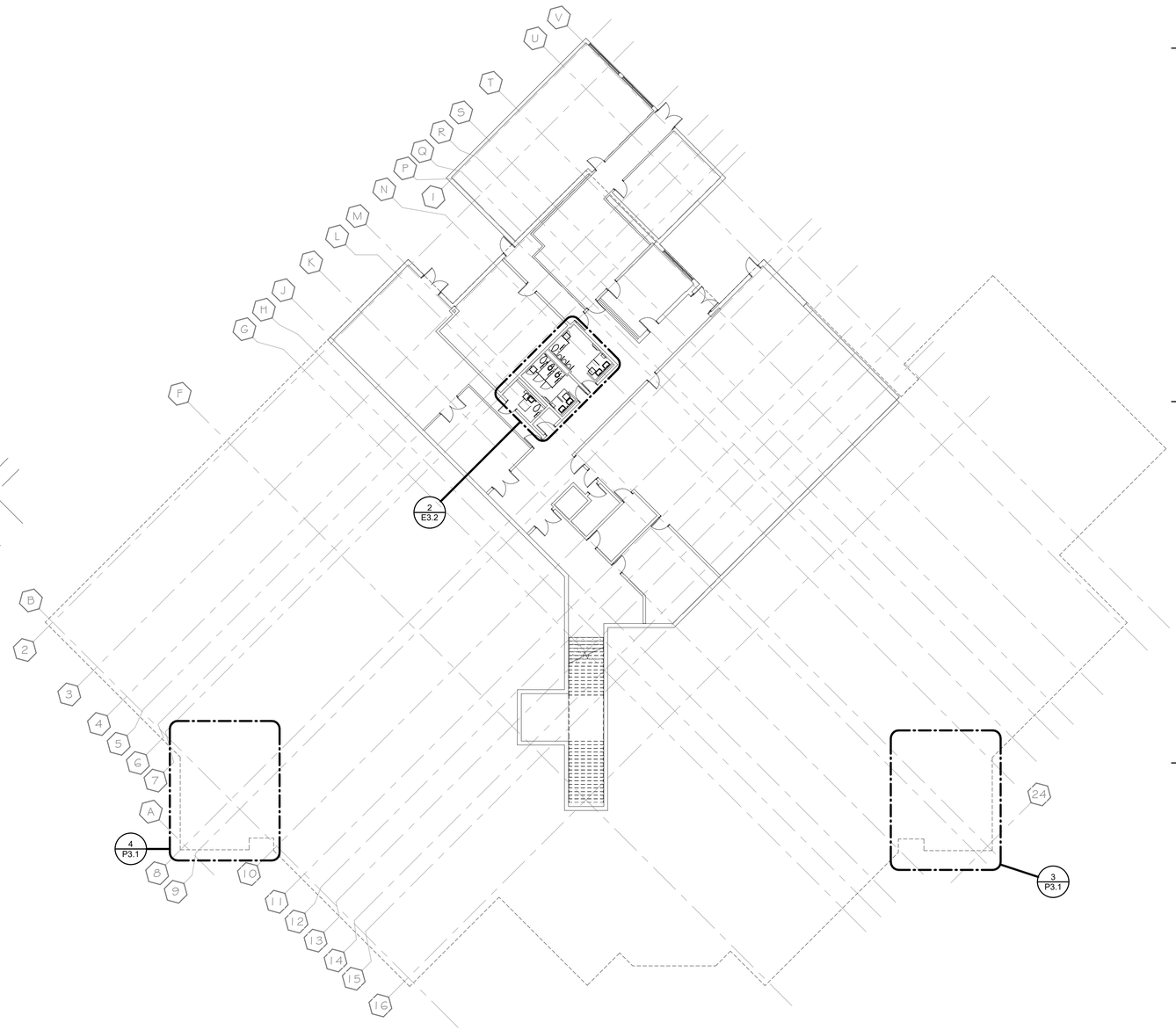
PD3.2

11/2/2026 9:10:35 AM

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'



N 2 P2.0 OVERALL UNDERGROUND FLOOR PLAN - LOWER LEVEL
1/16" = 1'-0"



N 1 P2.0 OVERALL FLOOR PLAN - LOWER LEVEL - PLUMBING
1/16" = 1'-0"

11/2/2026 9:10:36 AM

5CALE: 3" = 1'-0" 0 0.25' 0.5' 1'
5CALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
5CALE: 1" = 1'-0" 0 0.5' 1' 2'
5CALE: 3/4" = 1'-0" 0 1' 2' 3'
5CALE: 1/2" = 1'-0" 0 1' 2' 4'
5CALE: 1/4" = 1'-0" 0 2' 4' 8'
5CALE: 1/8" = 1'-0" 0 4' 8' 16'
5CALE: 1/16" = 1'-0" 0 8' 16' 32'

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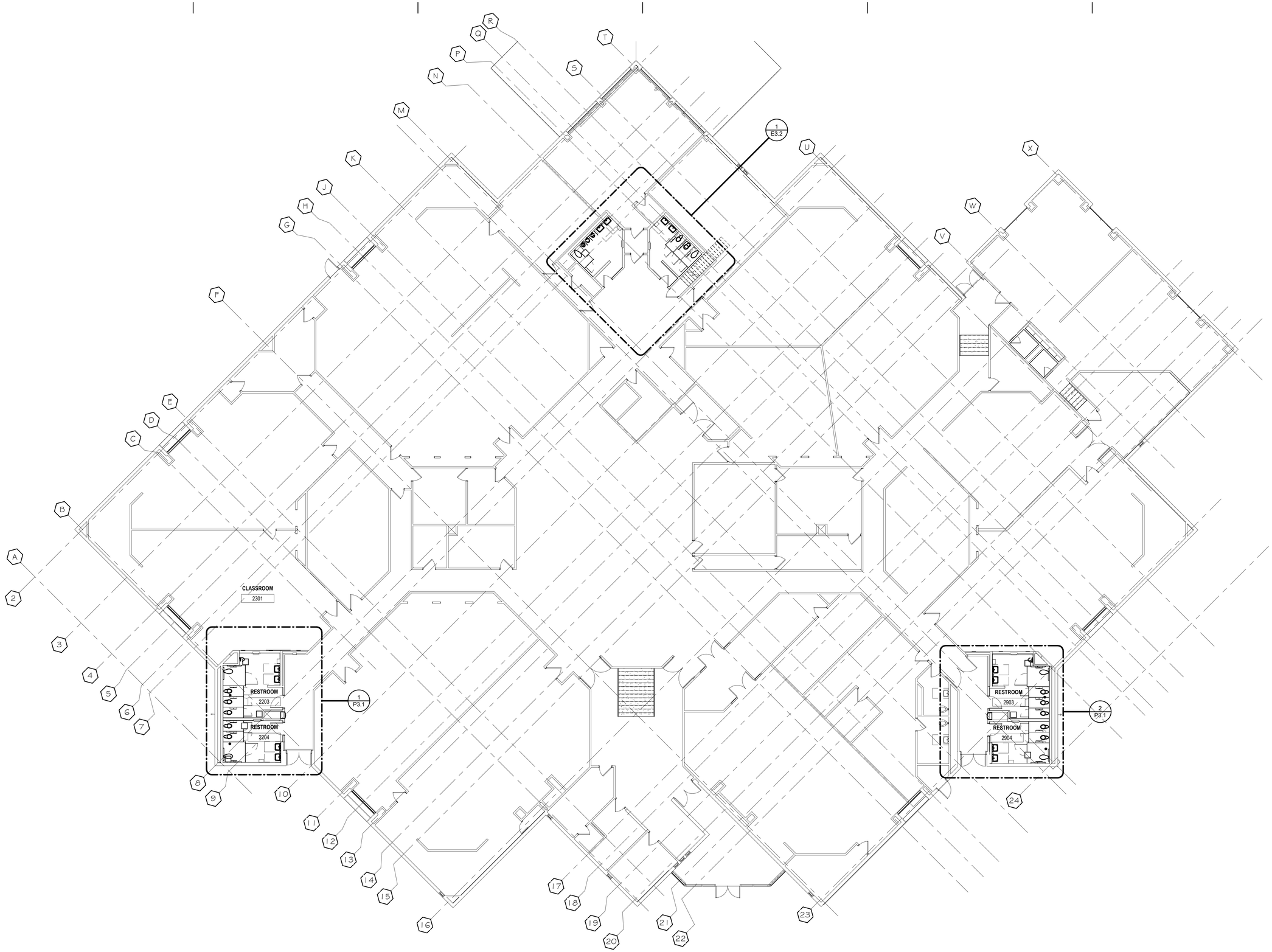
BID/PERMIT SET

OVERALL LOWER LEVEL FLOOR PLAN

P2.0



N 1 P2.1 OVERALL FLOOR PLAN - MAIN LEVEL - PLUMBING
3/32" = 1'-0"

SCALE: 3/4" = 1'-0" 0 0.5 1
SCALE: 1/2" = 1'-0" 0 0.5 1 2
SCALE: 1" = 1'-0" 0 0.5 1 2
SCALE: 3/4" = 1'-0" 0 1 2 3
SCALE: 1/2" = 1'-0" 0 2 4
SCALE: 1/4" = 1'-0" 0 2 4 8
SCALE: 1/8" = 1'-0" 0 4 8 16
SCALE: 1/16" = 1'-0" 0 8 16 32

11/2/2026 9:10:37 AM

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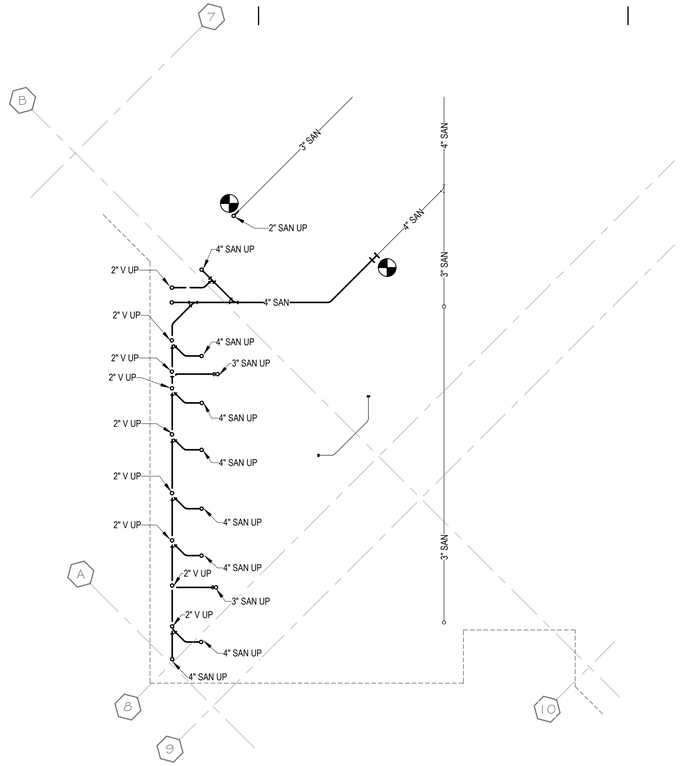
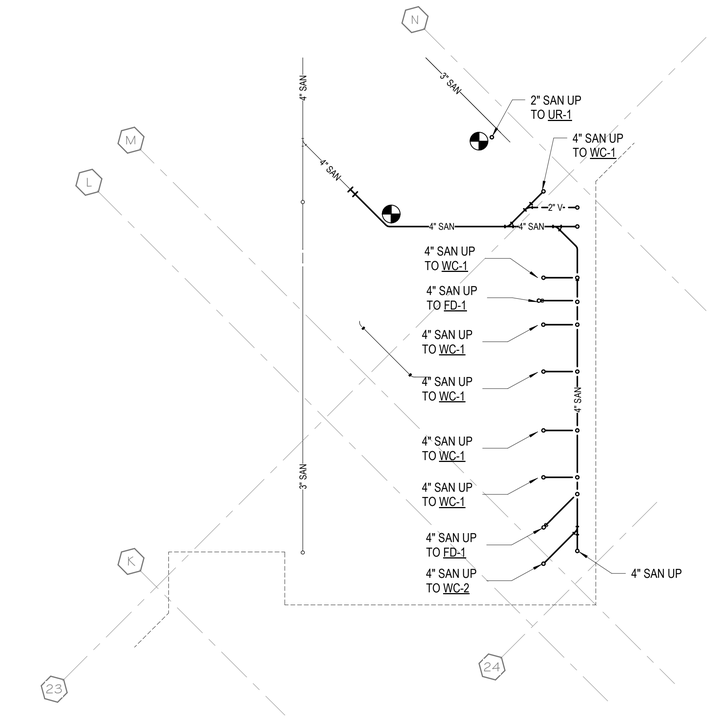
BID/PERMIT SET

OVERALL MAIN FLOOR PLAN

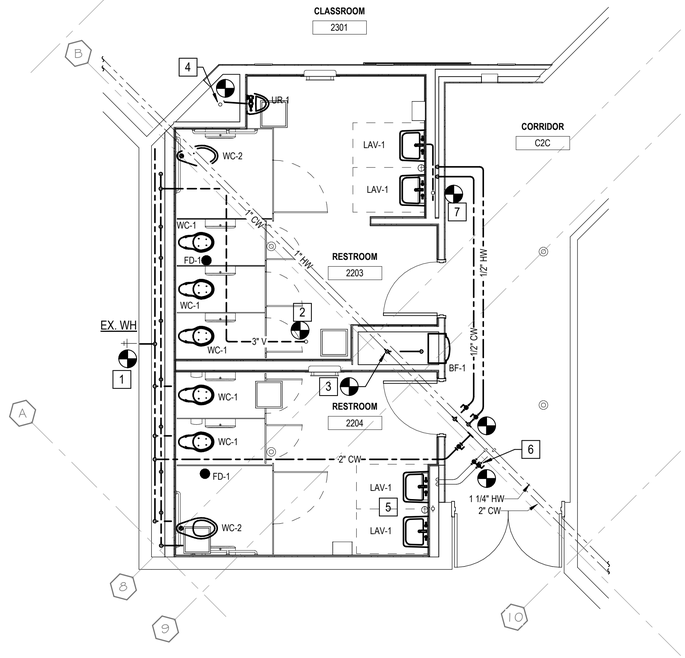
P2.1



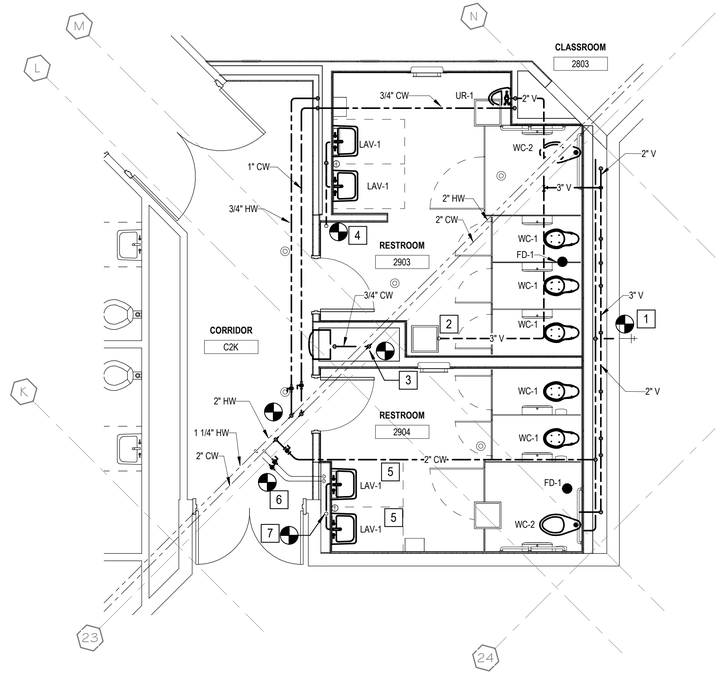
N 4 P3.1 ENLARGED FLOOR PLAN - AREA B - UNDERGROUND PLUMBING
1/4" = 1'-0"



N 3 P3.1 ENLARGED FLOOR PLAN - AREA A - UNDERGROUND PLUMBING
1/4" = 1'-0"



N 1 P3.1 ENLARGED FLOOR PLAN - RESTROOM B - PLUMBING
1/4" = 1'-0"



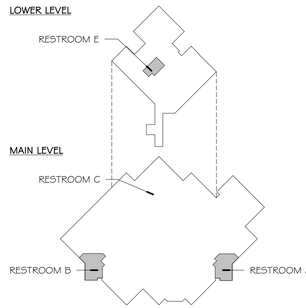
N 2 P3.1 ENLARGED FLOOR PLAN - RESTROOM A - PLUMBING
1/4" = 1'-0"

GENERAL NOTES

A. SEE SHEET P0.1 FOR FURTHER GENERAL NOTES.

KEYED NOTES

1. CONNECT NEW 3/4" DOMESTIC COLD WATER TO EXISTING HOSE WALL HYDRANT.
2. CONNECT NEW 3" VENT PIPING TO EXISTING 4" VENT THROUGH ROOF.
3. CONNECT NEW 3/4" DOMESTIC COLD WATER AND ROUTE DOWN TO NEW BOTTLE FILLER.
4. CONNECT NEW 2" SANITARY AND VENT TO EXISTING 3" SANITARY LINE BELOW SLAB AND EXISTING 3" VENT THROUGH ROOF.
5. CONNECT LAVATORY, LA-1, TO EXISTING 1/2" DOMESTIC HOT AND COLD WATER PIPING.
6. INSTALL NEW SHUT-OFF VALVES ABOVE ACCESSIBLE CEILING ON EXISTING 1/2" DOMESTIC HOT AND COLD WATER PIPING.
7. CONNECT NEW 1 1/2" SANITARY TO EXISTING 2" SANITARY RISER.



KEY PLAN
NOT TO SCALE

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BID/PERMIT SET

ENLARGED PLANS

P3.1

11/2/2026 9:10:39 AM

SCALE: 3" = 1'-0"

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

SCALE: 1" = 1'-0"

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

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

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

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

SCALE: 1/16" = 1'-0"

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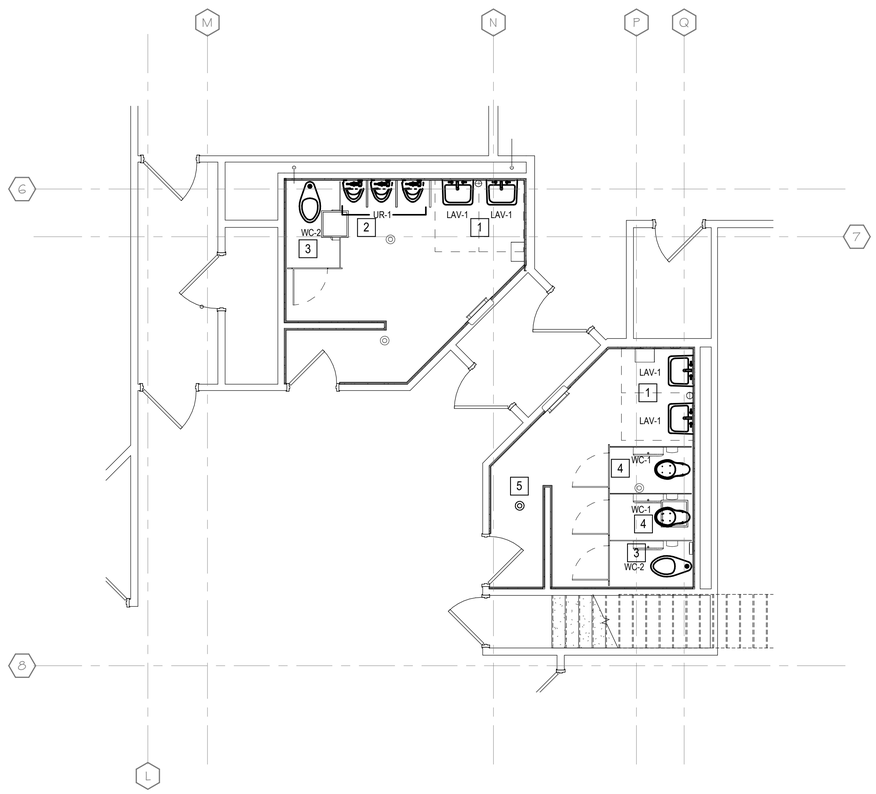


N 1 P3.2 ENLARGED PLAN - RESTROOM C - PLUMBING
1/4" = 1'-0"

N 2 P3.2 ENLARGED PLAN - RESTROOM E - MECHANICAL
1/4" = 1'-0"

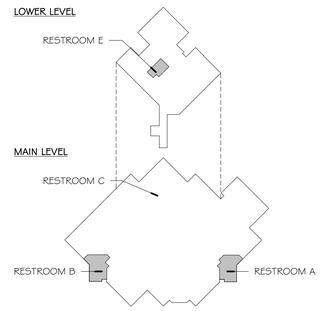
GENERAL NOTES

A. INSTALL ALL NEW FIXTURES IN RESTROOMS C & E AND CONNECT TO EXISTING SANITARY/VENT AND DOMESTIC COLD AND HOT WATER PIPES. PROVIDE NEW STOPS ON ALL NEW FIXTURES.

B. EXISTING PIPING WITHIN THE CHASE MAY CONTAIN HAZARDOUS MATERIALS. CONTRACTOR SHALL NOT DISTURB, MODIFY, REMOVE, OR IMPACT EXISTING PIPING OR ASSOCIATED MATERIALS UNLESS SPECIFICALLY NOTED. REPORT ANY SUSPECT HAZARDOUS MATERIALS TO THE OWNER PRIOR TO PROCEEDING WITH WORK.

KEYED NOTES

1. CONNECT NEW WALL MOUNTED LAVATORY, LA-1, TO EXISTING DOMESTIC COLD AND HOT WATER AND SANITARY AND VENT PIPING. EXTEND PIPING AS REQUIRED.
2. CONNECT NEW WALL MOUNTED URINAL, UR-1, TO EXISTING DOMESTIC COLD WATER AND SANITARY AND VENT PIPING. EXTEND PIPING AS REQUIRED.
3. CONNECT NEW FLOOR MOUNTED WATER CLOSET, WC-2, TO EXISTING DOMESTIC COLD WATER AND SANITARY PIPING. EXTEND PIPING AS REQUIRED.
4. CONNECT NEW FLOOR MOUNTED WATER CLOSET, WC-1, TO EXISTING DOMESTIC COLD WATER AND SANITARY PIPING. EXTEND PIPING AS REQUIRED.
5. NEW SEMI-RECESSED EXTENDED COVERAGE SPRINKLER HEAD.



KEY PLAN
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Project No: 26023

Revisions

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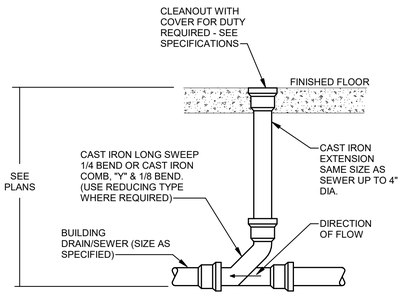
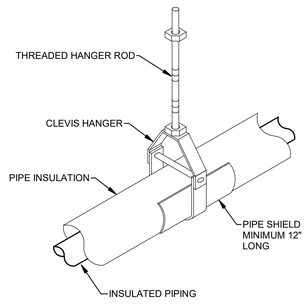
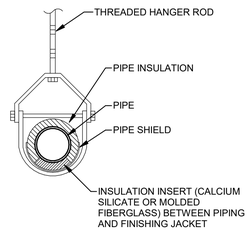
ENLARGED PLANS

P3.2



1 P5.0 FLOOR CLEANOUT
NOT TO SCALE

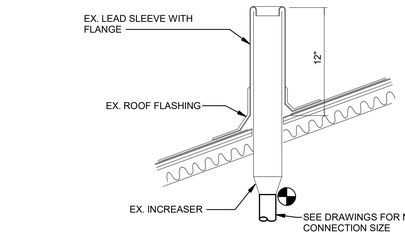




SECTION THRU HANGER

REFER TO SPECS FOR INSULATION AND HANGER SUPPORTS.

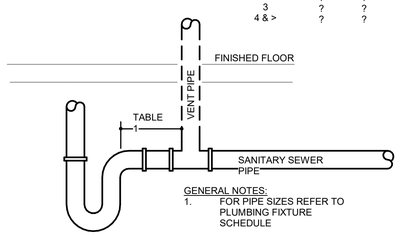
2 P5.0 INSULATED PIPE HANGER SUPPORT
NOT TO SCALE



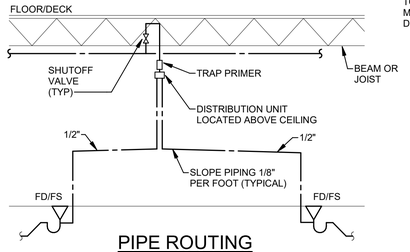
3 P5.0 EXISTING VENT THRU PITCHED ROOF
NOT TO SCALE

TABLE 1

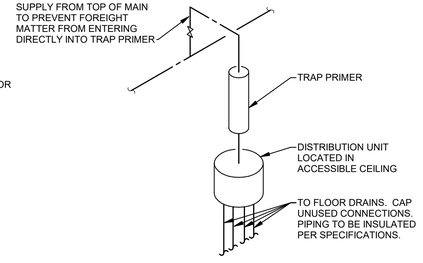
TRAP ARM INCHES	MAXIMUM DISTANCE TRAP TO VENT FEET	INCHES
2	?	?
3	?	?
4 & >	?	?



4 P5.0 TRAP TO WEIR MAXIMUM DISTANCE
NOT TO SCALE

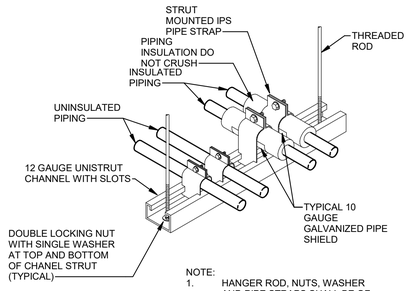


PIPE ROUTING



CONNECTION DETAIL

5 P5.0 TRAP PRIMER
NOT TO SCALE



NOTE:
1. HANGER ROD, NUTS, WASHER AND PIPE STRAPS SHALL BE OF ZINC COATED GALVANIZED PLATED MATERIAL REFER TO SPECS FOR INSULATION.

6 P5.0 TRAPEZE PIPE SUPPORT
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11/2/2026 9:10:41 AM

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10/30/2026

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PLUMBING - DETAILS

P5.0

PLUMBING FIXTURE SCHEDULE

PLAN MARK	DESCRIPTION	MANUFACTURER	MODEL	TRIM	DRAIN/TRAP	SUPPLIES	CARRIER	SEAT	CONNECTION SCHEDULE				NOTES
									HOT WATER	COLD WATER	SANITARY	VENT	
BF-1	BOTTLE FILLER	Elkay Manufacturer Company	LZWSMDK	-	1-1/2" PVC	QUARTER TURN BRASS STOP W/BRAIDED STAINLESS HOSE	REQUIRED FLOOR ANCHOR	-	-	1/2"	2"	2"	
LAV-1	WALL MOUNT LAVATORY	American Standard	9024908EC.020	CHICAGO FAUCET 802-E70XKABCP 4" CENTERS	1-1/2" PVC	BRAIDED S.S. W/ 1/4 TURN STOP VALVE	REQUIRED FLOOR ANCHOR	-	1/2"	1/2"	2"	2"	
UR-1	URINAL	American Standard	6002.001	SLOAN REGAL 180	INTEGRAL	INTEGRAL TO FLUSHVALVE	REQUIRED FLOOR ANCHOR	-	-	3/4"	2"	2"	
WC-1	CHILD HEIGHT WATER CLOSET	American Standard	2282001.020	SLOAN REGAL XL 111	INTEGRAL	INTEGRAL TO FLUSHVALVE	-	BEMIS SCCT2000	-	1-1/2"	4"	2"	
WC-2	ADA ADULT WATER CLOSET	American Standard	3465001.020	SLOAN REGAL XL 111	INTEGRAL	INTEGRAL TO FLUSHVALVE	-	BEMIS SCCT2000	-	1-1/2"	4"	2"	

DRAIN SCHEDULE

PLAN MARK	DESCRIPTION	MANUFACTURER	MODEL	BODY	STRAINER	NOTES
FD-1	ROUND FLOOR DRAIN	ZURN	Z415	CAST IRON	NICHLE BRONZE	1

NOTES:

1. PROVIDE WITH TRAP PRIMER CONNECTION

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10/30/2026

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PLUMBING - SCHEDULES

P6.0

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SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

TECHNOLOGY COMMUNICATION SYSTEM COMPONENTS
EARTHQUAKE LOAD RESISTANCE

OCCUPANCY CATEGORY: III — SEISMIC DESIGN CATEGORY: D

LISTING OF EQUIPMENT AND SYSTEM COMPONENTS	ANCHORAGE TO FLOORS, ROOFS, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY SEALED ANCHORAGE AND SWAY BRACING DETAILS.			
	NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	ON CONST. DOCUMENTS		SUBSEQUENT SUBMITTAL	
					DWG. NO.	SPEC SECT.	SHOP DWGS	SEP. PERMIT
DATA RACKS LESS THAN 400 LBS	X		X					
DATA RACKS MORE THAN 400 LBS		X	X				X	
PANELS FOR NON-LIFE SAFETY EQUIPMENT	X		X					
CABLE TRAY AND RACEWAYS FOR NON-LIFE SAFETY EQUIPMENT	X		X					
CABLE TRAY AND RACEWAYS FOR LIFE SAFETY EQUIPMENT		X		X				
FIRE ALARM CONTROL PANEL		X	X				X	X
LIFE SAFETY EMERGENCY SYSTEM DEVICES AND COMPONENTS - SUSPENDED	X			X			X	X
LIFE SAFETY EMERGENCY SYSTEM DEVICES AND COMPONENTS - FLOOR OR WALL MOUNTED		X	X				X	X

NOTES:

1. IT IS THE BASIC INTENT OF THIS CODE BLOCK TO DECLARE WHETHER OR NOT ANCHORAGE AND SWAY BRACING IS BEING PROVIDED ON THE PROJECT. IF SO, TO DECLARE WHETHER OR NOT THE DETAILS ARE SHOWN ON THE PLANS OR WILL BE SHOWN ON A SUBSEQUENT SUBMISSION. IF SEISMIC RESTRAINT OF A COMPONENT IS NOT REQUIRED BY CODE THIS SHOULD BE STATED IN COMMENTS. IF SEISMIC RESTRAINT, WHICH IS NOT REQUIRED BY CODE, IS BEING PROVIDED DUE TO OWNER/DESIGNER REQUIREMENTS, THIS SHOULD ALSO BE STATED IN THE COMMENTS.
2. SHOP DRAWINGS NEED TO BE SUBMITTED TO THE COUNTY A MINIMUM OF TWO WEEKS PRIOR TO THE PLANNED INSTALLATION TO ALLOW FOR PLAN REVIEW AND DISTRIBUTION TO THE INSPECTOR. ADDITIONAL TIME MAY BE NEEDED IF SUCH SUBMISSIONS ARE DEFICIENT.
3. IF EQUIPMENT IS ROOF, FLOOR OR WALL MOUNTED, SWAY BRACING IS NOT APPLICABLE. ANCHORAGE TO RESIST SEISMIC LOADS ONLY IS ADDRESSED HEREIN. ANCHORAGE MAY BE NEEDED TO RESIST WIND, GRAVITY, AND VIBRATION LOADS REGARDLESS OF SEISMIC REQUIREMENTS.
4. ROD HANGERS SHALL NOT BE CONSTRUCCTED IN A MANNER THAT SUBJECTS THE ROD AND ATTACHMENTS TO BENDING MOMENTS.

SCALE: 3" = 1'-0" (0, 0.25', 0.5', 1')
SCALE: 1 1/2" = 1'-0" (0, 0.5', 1', 2')
SCALE: 1" = 1'-0" (0, 0.5', 1', 2')
SCALE: 3/4" = 1'-0" (0, 1', 2', 3')
SCALE: 1/2" = 1'-0" (0, 1', 2', 4')
SCALE: 1/4" = 1'-0" (0, 2', 4', 8')
SCALE: 1/8" = 1'-0" (0, 4', 8', 16')
SCALE: 1/16" = 1'-0" (0, 8', 16', 32')

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TECHNOLOGY SEISMIC CODE BLOCK

T0.0

TECHNOLOGY COMMUNICATION LEGEND AND ABBREVIATIONS (SEE SPECIFICATIONS & SCHEDULES)

NOTES: 1. NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED ON THESE PLANS.
2. ALL MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICES AND EQUIPMENT U.O.N.
3. IN GENERAL, SYMBOLS SHOWN WITH LIGHT LINES DENOTE EXISTING WORK. SYMBOLS SHOWN WITH HEAVY LINES DENOTE PROPOSED WORK.

COMMUNICATION GENERAL NOTES

A. ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT.
B. THE DRAWINGS HAVE BEEN PREPARED UTILIZING EXISTING DRAWINGS AND BUILDING OBSERVATIONS AND MAY NOT SHOW ALL CONDITIONS. CONTRACTOR SHALL VISIT THE BUILDING AND SITE PRIOR TO BID SUBMISSION AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS. CONTRACTORS SHALL NOT BE ALLOWED ADDITIONAL FUNDS OR TIME DUE TO FAILURE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS.
C. ACCEPTANCE OF CONTRACT MEANS INSTALLER ACCEPTS EXISTING CONDITIONS.
D. COORDINATE INSTALLATION WITH EXISTING CONDITIONS. FIELD VERIFY EXISTING CONDITIONS.
E. CONTRACTOR SHALL SCHEDULE ALL OUTAGES WITH THE OWNER'S REPRESENTATIVE AT LEAST 14 CALENDAR DAYS IN ADVANCE OF A SHUTDOWN.
F. ALL PENETRATIONS THROUGH CONCRETE OR MASONRY WALLS AND FLOOR SLABS SHALL BE CORE DRILLED. AFTER CONDUITS HAVE BEEN INSTALLED, SEAL WALL AROUND CONDUIT TO MAINTAIN FIRE RATING OF FLOOR OR WALL USING UL LISTED METHODS AND MATERIALS. EXTERIOR WALLS SHALL BE SEALED WATER TIGHT.
G. PROVIDE EMT SLEEVES WITH INSULATED BUSHINGS ON EACH END FOR ALL CABLES PASSING THROUGH WALLS AND FLOORS. ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE FIRE STOPPED. SEAL AROUND OUTSIDE OF CONDUITS AND SEAL INSIDE OF CONDUIT SLEEVES OR UTILIZE AN APPROVED FIRE RATED ASSEMBLY.
H. CABLING TO BE LOCATED INSIDE BUILDINGS SHALL BE CONCEALED WHERE POSSIBLE AND SHALL BE INSTALLED AS FOLLOWS: CABLES CONCEALED INSIDE HOLLOW WALL CONSTRUCTION SHALL BE INSTALLED IN CONDUITS STUBBED INTO ACCESSIBLE PORTION OF CEILING CAVITY AND SHALL BE SUPPORTED UTILIZING J-HOOK PATHWAYS. CABLES LOCATED IN ROOMS WITH AN EXPOSED CEILING STRUCTURE SHALL BE INSTALLED IN CONDUIT. CABLES INSTALLED ABOVE DRYWALL CEILINGS SHALL BE INSTALLED IN CONDUIT. CABLES INSTALLED IN SOLID MASONRY WALLS SHALL BE INSTALLED IN SURFACE RACEWAY. ROUTE CONDUIT AND CABLES TO SUIT FIELD CONDITIONS. REFER TO PLANS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
I. CONTRACTOR SHALL COORDINATE ALL CONDUIT AND CABLE ROUTING WITH EXISTING CONDITIONS PRIOR TO INSTALLATION.
J. CONTRACTOR SHALL TERMINATE AND TEST ALL COMMUNICATION SYSTEM CABLES PER SPECIFICATIONS AND LATEST TIA/EIA STANDARDS.
K. COMMUNICATION CABLING SHALL NOT EXCEED 90 METERS (295 FEET) PER TIA/EIA STANDARDS.
L. CONTRACTOR SHALL LABEL ALL CABLES AND CONNECTORS (OUTLETS, PATCH PANELS, FACEPLATES, PUNCH DOWN BLOCKS, ETC.) PER SPECIFICATIONS AND OWNER STANDARDS. ALL CABLES SHALL BE PERMANENTLY LABELED WITH A PRE-PRINTED, STICK ON, SELF ADHERING LABELING SYSTEM. REFER TO SPECIFICATIONS.
M. PROVIDE WORK SPECIFIED BUT NOT SHOWN ON DRAWINGS AND PROVIDE WORK SHOWN ON DRAWINGS BUT NOT SPECIFIED AS THOUGH EXPRESSLY REQUIRED BY BOTH.
N. CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR PLACEMENT OF CEILING MOUNTED EQUIPMENT. COORDINATE WITH ALL OTHER TRADES.
O. CONTRACTOR SHALL PROVIDE PULL STRINGS IN ALL EMPTY OR SPARE CONDUIT.
P. COMMUNICATION EQUIPMENT, COMPONENTS AND CABLING SHALL BE FREE FROM PAINT AND PAINT OVERSPRAY.
Q. COMMUNICATION EQUIPMENT, COMPONENTS AND CABLING SHALL BE FREE FROM CONSTRUCTION DIRT AND DEBRIS.

COMMUNICATION SYMBOLS

▽ ▼ ▽~ ▼~ COMMUNICATION OUTLET. REFER TO SPECIFICATIONS AND COMMUNICATION DETAIL SHEETS FOR ADDITIONAL REQUIREMENTS. REFER TO COMMUNICATION OUTLET IDENTIFIERS AND CABLING IDENTIFICATION LISTED BELOW.

▽ EXISTING OR DEMOLITION COMMUNICATION OUTLET

▼ NEW COMMUNICATION OUTLET

▽~ EXISTING OR DEMOLITION WIRELESS ACCESS POINT OUTLET

▼~ NEW WIRELESS ACCESS POINT OUTLET

▼X COMMUNICATION OUTLET IDENTIFIER. REFER TO COMMUNICATION OUTLET DESIGNATION DETAIL FOR MOUNTING HEIGHTS. "X" DENOTES ONE OF THE FOLLOWING:
A = MOUNTED AT CEILING
C = MOUNTED AT COUNTER ABOVE BACKSPLASH ELEMENT
F = MOUNTED IN FLOOR BOX OR POKE THROUGH DEVICE
R = MOUNTED IN SURFACE MOUNT RACEWAY
W = WALL MOUNT PHONE LOCATION
WAP = WIRELESS ACCESS POINT MOUNTED AT OR ABOVE CEILING

▼#X COMMUNICATION CABLING IDENTIFICATION. REFER TO CABLING DESIGNATION SCHEME DETAIL.

"#" = DENOTES TOTAL NUMBER OF CABLES
"X" = DENOTES ONE OF THE FOLLOWING:
C = COAXIAL CABLE
D = DATA COMMUNICATION CABLE
F = FIBER OPTIC CABLE
V = VOICE COMMUNICATION CABLE
AV = AUDIO/VIDEO CABLE

CLOCK: SINGLE SIDED, WALL MOUNT

PUBLIC ADDRESS OR INTERCOM SYMBOLS

PAGING/INTERCOM SPEAKER: CEILING MOUNT

PAGING/INTERCOM SPEAKER: CEILING MOUNT

PAGING/INTERCOM SPEAKER: WALL MOUNT. SPEAKER SHALL BE MOUNTED AT APPROXIMATELY 8'-0" A.F.F. UNLESS NOTED OTHERWISE.

[P] PAGING/INTERCOM HORN: WALL MOUNT. HORN SHALL BE MOUNTED AT APPROXIMATELY 10'-0" A.F.F. UNLESS NOTED OTHERWISE.

PAGING/INTERCOM PUSHBUTTON: DEVICE SHALL BE MOUNTED AT APPROXIMATELY 42" A.F.F. TO BUTTON LOCATION UNLESS NOTED OTHERWISE

(VC) WALL MOUNT VOLUME CONTROL

SECURITY SYMBOLS

[S] CR CARD READER: DEVICE SHALL BE MOUNTED AT APPROXIMATELY 48" A.F.F. TO CENTER OF DEVICE.

[S] PS DOOR POSITION SWITCH/CONTACTS.

[S] L DOOR LOCKING MECHANISM - ELECTRONIC LOCKING MECHANISM WITH INTEGRATED DOOR CONTACT/POSITION SWITCH.

[S] ML DOOR LOCKING MECHANISM - MAGNETIC LOCK WITH INTEGRATED DOOR CONTACT/POSITION SWITCH..

[S] PBR PUSH BUTTON DOOR RELEASE.

[S] RX REQUEST TO EXIT DEVICE.
RX = REQUEST TO EXIT INTEGRATED INTO DOOR EXITING HARDWARE
RXB = WALL MOUNT PUSH BUTTON
RXM = WALL MOUNT MOTION SENSOR ABOVE DOOR

[S] D EMERGENCY DURESS PUSH BUTTON.

[S] M INTRUSION DETECTION MOTION SENSOR.

[S] GB INTRUSION DETECTION GLASS BREAK DEVICE.

[S] ICM INTERCOM MASTER STATION WITH REMOTE DOOR RELEASE

[S] IC AUDIO/VIDEO INTERCOM STATION

VIDEO SURVEILLANCE CAMERA

EXISTING OR DEMOLITION VIDEO SURVEILLANCE CAMERA

NEW VIDEO SURVEILLANCE CAMERA

FIRE ALARM SYMBOLS

[F] FIRE ALARM MANUAL PULL STATION: MOUNT 48" A.F.F. TO CENTER LINE OF OPERABLE LEVER.

W 75 FIRE ALARM STROBE: WHEN WALL MOUNTED, MOUNT WITH BOTTOM OF STROBE LENS AT THE LOWER OF 80" A.F.F OR 6" BELOW CEILING.
NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.
"W" WHEN USED INDICATES WALL MOUNTED.

W 75 FIRE ALARM COMBINATION HORN WITH STROBE: WHEN WALL MOUNTED, MOUNT WITH BOTTOM OF STROBE LENS AT THE LOWER OF 80" A.F.F OR 6" BELOW CEILING. NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.

NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.
"W" WHEN USED INDICATES WALL MOUNTED.

W 75 FIRE ALARM SPEAKER: WHEN WALL MOUNTED, MOUNT WITH BOTTOM OF STROBE LENS AT THE LOWER OF 80" A.F.F OR 6" BELOW CEILING. NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.
NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.
"W" WHEN USED INDICATES WALL MOUNTED.

W 75 FIRE ALARM COMBINATION SPEAKER WITH STROBE: WHEN WALL MOUNTED, MOUNT WITH BOTTOM OF STROBE LENS AT THE LOWER OF 80" A.F.F OR 6" BELOW CEILING. NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.

NUMERAL WHEN USED INDICATES CANDELA RATING OF MORE THAN 15.
"W" WHEN USED INDICATES WALL MOUNTED.

(?) XX SMOKE DETECTOR: PHOTO-ELECTRIC TYPE.
XX DENOTES THE FOLLOWING:
ASD = AIR SAMPLING
BR = BEAM RECEIVER
BT = BEAM TRANSMITTER
I = IONIZATION
P = PHOTOELECTRIC
SS = SINGLE STATION

XX HEAT DETECTOR
XX DENOTES THE FOLLOWING:
F = FIXED TEMPERATURE
R = RATE OF RISE
R/C = RATE COMPENSATION
R/F = COMBINED RISE AND FIXED TEMPERATURE

XX GAS DETECTOR
XX DENOTES THE FOLLOWING:
CO - CARBON MONOXIDE

COMBINED SMOKE-GAS DETECTOR

COMBINED SMOKE-HEAT DETECTOR

DUCT MOUNTED SMOKE DETECTOR: PHOTO-ELECTRIC TYPE.

SMOKE DAMPER OR FIRE/SMOKE DAMPER. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.

[F] RT DUCT MOUNTED SMOKE DETECTOR KEY ACTIVATED REMOTE TEST STATION. MOUNT 48" A.F.F. TO CENTER OF DEVICE. PROVIDE LABEL ON REMOTE TEST STATION COVER WHICH IDENTIFIES RELATED AHU DESIGNATION AND RELATED DUCT MOUNTED SMOKE DETECTOR ADDRESS.

[M] FIRE ALARM ELECTROMAGNETIC DOOR HOLDER.

[F] CR ADDRESSABLE CONTROL RELAY.

[F] MM ADDRESSABLE MONITOR MODULE.

SPRINKLER SYSTEM WATER FLOW SWITCH.

SPRINKLER SYSTEM TAMPER (SUPERVISORY) SWITCH.

FAAP FIRE ALARM ANNUNCIATOR PANEL

FACP FIRE ALARM CONTROL PANEL

NAC FIRE ALARM EXTENDER PANEL

DRAWING REFERENCES

2 / SC-8 DETAIL NUMBER / PLAN DETAIL REFERENCE TITLE / DRAWING NUMBER

3 KEYED NOTE DESIGNATION

1 / E-1 SECTION NUMBER / SECTION REFERENCE TITLE / DRAWING NUMBER

TECHNOLOGY SHEET INDEX:

SHEET NO.	SHEET NAME
T0.0	TECHNOLOGY SEISMIC CODE BLOCK
T0.1	TECHNOLOGY LEGEND AND NOTES
T0.2	TECHNOLOGY MATRIX
TD2.0	OVERALL DEMOLITION FLOOR PLANS
TD3.1	DEMOLITION ENLARGED PLANS
TD3.2	DEMOLITION ENLARGED PLANS
T2.0	OVERALL FLOOR PLANS
T3.1	ENLARGED PLANS
T3.2	ENLARGED PLANS
T5.0	TECHNOLOGY - DETAILS

SCALE: 3" = 1'-0" SCALE: 1 1/2" = 1'-0" SCALE: 1" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/16" = 1'-0"

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TECHNOLOGY LEGEND AND NOTES

T0.1

LOW VOLTAGE SYSTEMS - DIVISION OF RESPONSIBILITY MATRIX

	SYSTEM \ RESPONSIBILITY	PARKWAY SCHOOLS (THE OWNER)	ELECTRICAL CONTRACTOR (SUBCONTRACTOR)	CERTIFIED SMARTBOARD/PROJECTOR INSTALLER (SUBCONTRACTOR)	PUBLIC ADDRESS SYSTEM SERVICE CONTRACTOR (SUBCONTRACTOR)	DATA/TELEPHONE SERVICE CONTRACTOR (SUBCONTRACTOR)	FIRE ALARM SYSTEM CONTRACTOR (SUBCONTRACTOR)	BUILDING AUTOMATION CONTROLS CONTRACTOR (SUBCONTRACTOR)
1	DATA AND/OR VOICE SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.		X					
2	DATA AND/OR VOICE SYSTEM - CONDUIT AND OUTLET BOX IN WALL: PROVIDE, INSTALL, AND RELOCATE.		X					
3	DATA AND/OR VOICE SYSTEM - JACKS, PLATES, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.		X					
4	DATA AND/OR VOICE SYSTEM - PATCH CORD FROM PATCH PANEL TO NETWORK EQUIPMENT.	X						
5	DATA AND/OR VOICE SYSTEM - DUAL CHANNEL RACEWAY CONTAINING 120 VOLT POWER AND DATA AND/OR VOICE: PROVIDE, INSTALL, AND RELOCATE.		X					
6	SMART-BOARD/PROJECTOR - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION: NOTHING TO SALVAGE.		X					
7	SMART-BOARD/PROJECTOR - EQUIPMENT AND DEVICE REMOVAL: SAVE FOR RE-INSTALLATION.			X				
8	SMART-BOARD/PROJECTOR - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, OR RELOCATE.			X				
9	120 VOLT POWER FOR SMART BOARD/PROJECTOR.		X					
10	PA (PUBLIC ADDRESS) SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.		X					
11	PA SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL OR RELOCATE.				X			
12	PA SYSTEM- TERMINATING FROM DEVICE TO PUNCH DOWN BLOCK.				X			
13	PA SYSTEM - WIRING FROM PUNCH DOWN BLOCK TO P/A CHASSIS (PANEL).				X			
14	PA SYSTEM - SYSTEM PROGRAMMING AND CHECKOUT				X			
15	FIRE ALARM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.		X					
16	FIRE ALARM - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.		X					
17	FIRE ALARM - EQUIPMENT AND DEVICES: INSTALL, AND RELOCATE.		X					
18	FIRE ALARM - SUPPLY EQUIPMENT AND DEVICES.						X	
19	FIRE ALARM - SYSTEM PROGRAMMING AND CHECKOUT.						X	
19	CCTV (CLOSED CIRCUIT TELEVISION) SECURITY SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.		X					
20	CCTV (CLOSED CIRCUIT TELEVISION) SECURITY SYSTEM - REMOVE EXIST CAMERA(S) STORE FOR REINSTALLATION.	X						
21	CCTV SECURITY SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.		X					
22	CCTV SECURITY SYSTEM - CAMERAS: PROVIDE NEW CAMERA(S) AND FINAL INSTALLATION AND REINSTALL EXIST CAMERA(S)	X						
23	120 VOLT POWER FOR CCTV CAMERAS OR CAMERA HEATERS.		X					
24	CATV (CABLE TELEVISION) SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.		X					
25	CATV SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.		X					
26	SECURITY SENSOR SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.	X						
27	SECURITY SENSOR SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.	X						
28	HVAC LOCAL CONTROL (IF NO BAS CONTROL IN PROJECT SCOPE) - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.		X					
29	HVAC LOCAL CONTROL (IF NO BAS CONTROL IN PROJECT SCOPE) - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.		X					
30	HVAC LOCAL CONTROL (IF BAS CONTROL IS IN PROJECT SCOPE) - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.							X
31	HVAC LOCAL CONTROL (IF BAS CONTROL IS IN PROJECT SCOPE) - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.							X
32	BAS (BUILDING AUTOMATION SYSTEM) SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM DEMOLITION.							X
33	BAS SYSTEM - EQUIPMENT, DEVICE, AND WIRING SYSTEM: PROVIDE, INSTALL, AND RELOCATE.							X
34	ACCESS CONTROL SYSTEM - REMOVE EXISTING DOOR HARDWARE AND DEVICE(S) STOR FOR REINSTALLATION		X					
35	ACCESS CONTROL SYSTEM - DEVICE(S) WIRING: PROVIDE, INSTALL, AND/OR REINSTALL		X					
36	ACCESS CONTROL SYSTEM - WIRING CATEGORY 6 HOME RUN: PROVIDE AND INSTALL TO NEAREAST MDF OR IDF		X					
37	ACCESS CONTROL SYSTEM - PROGRAMMING ACCESS CONTROL	X						
38	ACCESS CONTROL SYSTEM - PROVIDE FINAL CONNECTIONS AT PATCH PANEL	X						

GENERAL NOTES:

A. THE TERM "WIRING SYSTEM" AS USED IN THIS SCHEDULE INCLUDES SUPPORTS, SLEEVES, CONDUITS, AND RACEWAYS ASSOCIATED WITH THE WIRING.
B. Certified Smart Board/Projector Installer: Schiller's A/V. Contact David Wyne at 314-968-1184 or email: dwyne@schillers.com.
C. Public Address (PA) System for all other buildings: Primary Systems. Contact Andy Ernstein or Randy Sites at 314-880-9977 or email: aernstein@primary-systems.com or rsites@primary-systems.com.
D. Fire Alarm System Contractor: ABF, Inc. Contact Mike Wagner 636-600-4705, or email: mikew@abfsecurity.com.
E. Parkway IT CCTV Security System - Julian Erber 314-415-8043, cell 314-343-7945 or email jerber@parkwayschools.net or Gerry Fosdick 314-415-8085 or email gfosdick@parkwayschools.net.
F. Building Automation Controls System (BAS): ACES. Contact Justin Vogt at 314-581-4476 or email: jmvogt@automaticcontrols.net.
G. Parkway Locksmith and Access Control Programming - Daniel Martinez 314-415-8274, cell 314-681-6161 or email dmartinez@parkwayschools.net.

FIRE ALARM SEQUENCE OF OPERATION MATRIX

	SYSTEM INPUT \ SYSTEM OUTPUT	A AUDIBLE ALARM ACTIVATION	B ACTUATES STROBES	C TRANSMIT ALARM TO REMOTE STATION	D DISPLAY ALARM SIGNAL	E DISPLAY SUPERVISORY SIGNAL	F TRANSMIT SUPERVISORY SIGNAL	G TRANSMIT SUPERVISORY SIGNAL	H TRANSMIT TROUBLE SIGNAL	I RECORD EVENT AT FIRE ALARM CONTROL PANEL	J ELEVATOR RECALL	K SHUNT TRIP ELEVATOR POWER	L FLASH FIREHAT LIGHT IN ELEVATOR CAB	M ACTIVATE SPRINKLER FLOW BELL	N SHUT DOWN AIR HANDLING UNIT	O ALLOW AUTOMATIC RESTART OF AIR HANDLING UNIT
1	MANUAL PULL STATION	X	X	X	X	-	-	-	-	X	-	-	-	-	-	-
2	AREA SMOKE DETECTOR	X	X	X	X	-	-	-	-	X	-	-	-	-	-	-
3	DUCT SMOKE DETECTOR	-	-	-	-	X	-	X	-	-	-	-	-	-	X	-
4	SPRINKLER SYSTEM WATER FLOW	X	X	X	X	-	-	-	-	X	-	-	-	X	-	-
5	SPRINKLER SYSTEM TAMPER	-	-	-	-	X	-	X	-	X	-	-	-	-	-	-
6	FIRE ALARM AC POWER FAILURE	-	-	-	-	-	X	-	*X	X	-	-	-	-	-	-
7	FIRE ALARM LOW BATTERY	-	-	-	-	-	X	-	X	X	-	-	-	-	-	-
8	FIRE ALARM OPEN CIRCUIT	-	-	-	-	-	X	-	X	X	-	-	-	-	-	-
9	FIRE ALARM GROUND FAULT	-	-	-	-	-	X	-	X	X	-	-	-	-	-	-
10	NOTIFICATION APPLIANCE CIRCUIT FAULT	-	-	-	-	-	X	-	X	X	-	-	-	-	-	-
11	FIRE ALARM PANEL CLEAR	-	-	-	-	-	-	-	-	X	-	-	-	-	-	X

GENERAL NOTES:

A. CONTRACTOR SHALL COORDINATE WITH OWNER PRE-PROGRAMMED NOTIFICATIONS.
B. OPERATION RESPONSE MATRIX IF FOR GENERAL REFERENCE PURPOSES. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXACT REQUIREMENTS FOR OPERATIONAL RESPONSE MATRIX.
C. *X - TRANSMIT TROUBLE SIGNAL WHEN LOSS OF POWER EXCEEDS 2 HOURS

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TECHNOLOGY MATRIX

T0.2

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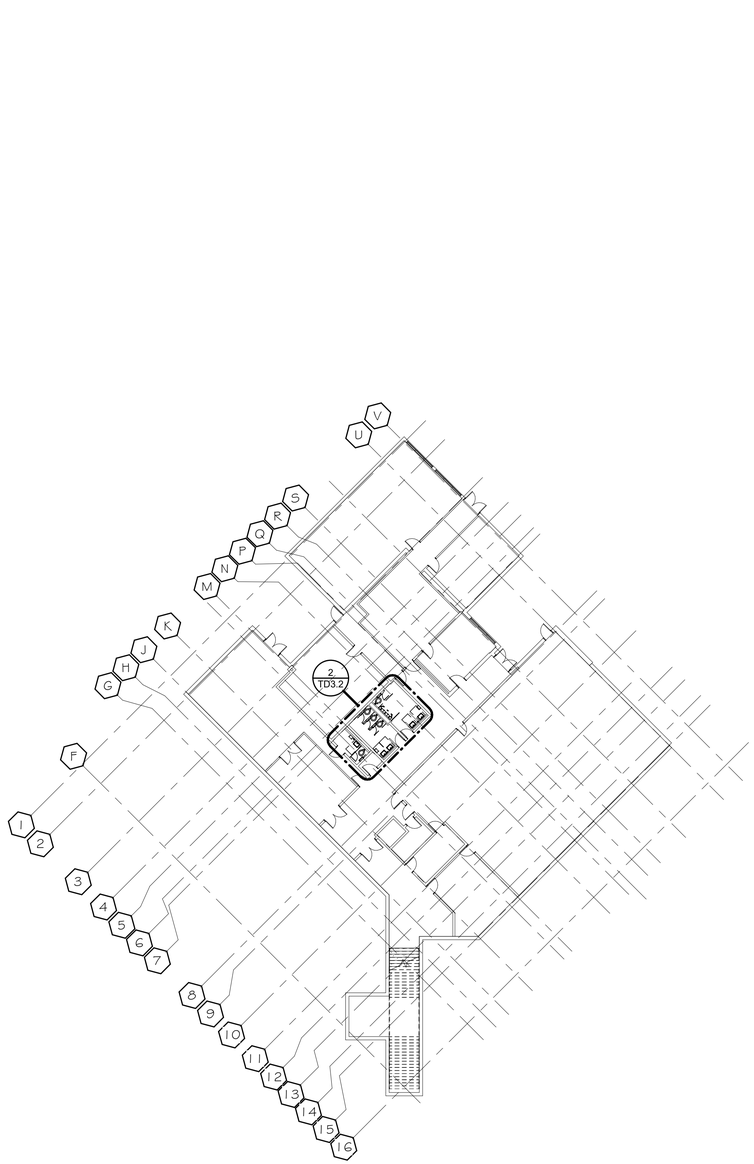
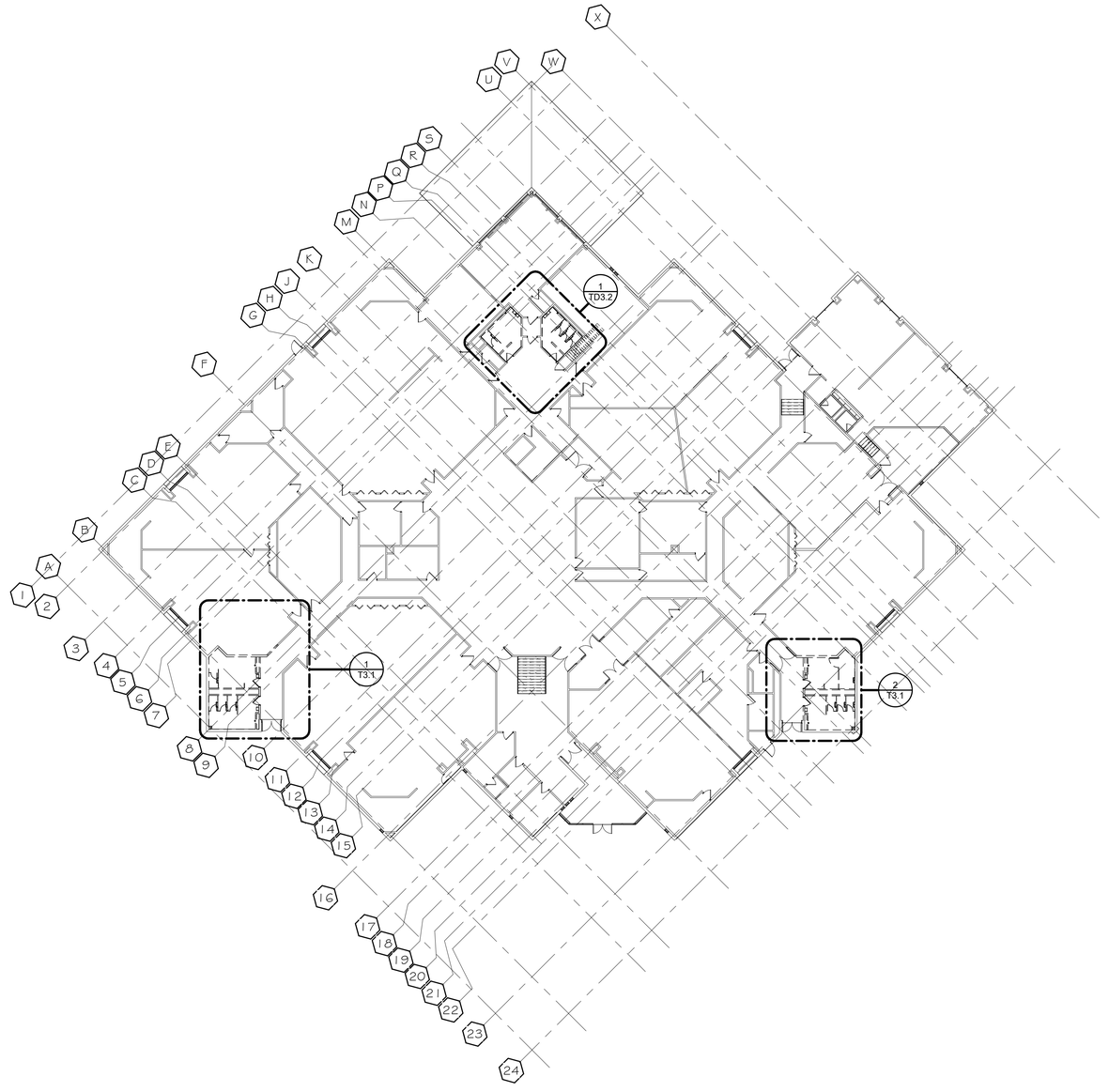


1 TD2.0 OVERALL FLOOR PLAN - LOWER LEVEL - TECHNOLOGY DEMOLITION
3/64" = 1'-0"



2 TD2.0 OVERALL FLOOR PLAN - MAIN LEVEL - TECHNOLOGY DEMOLITION
3/64" = 1'-0"

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SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1" = 1'-0"
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OVERALL DEMOLITION FLOOR PLANS

TD2.0

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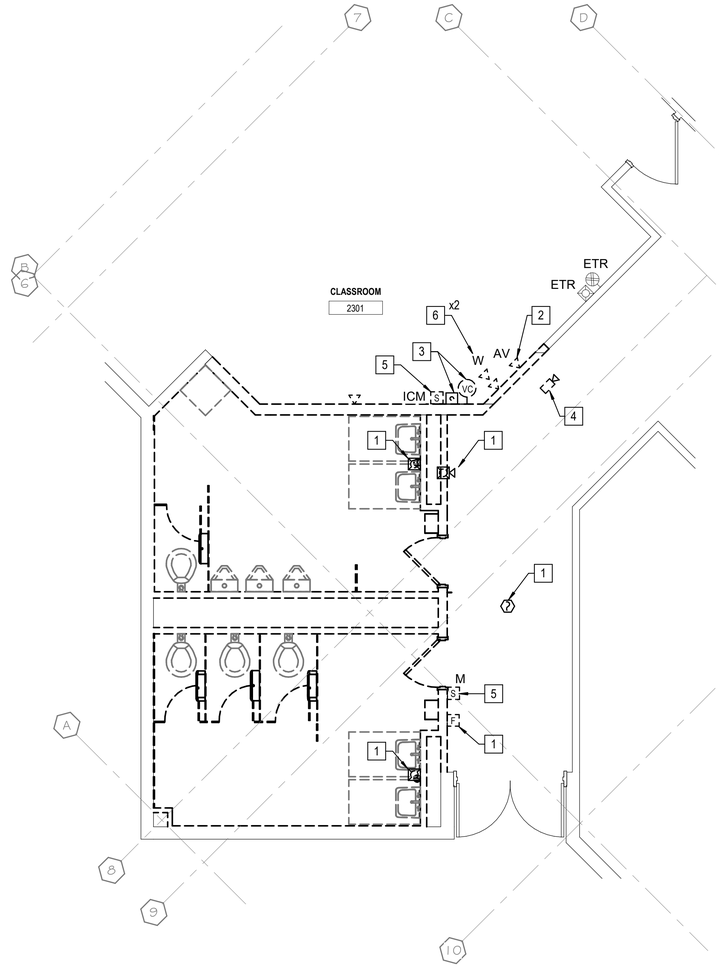
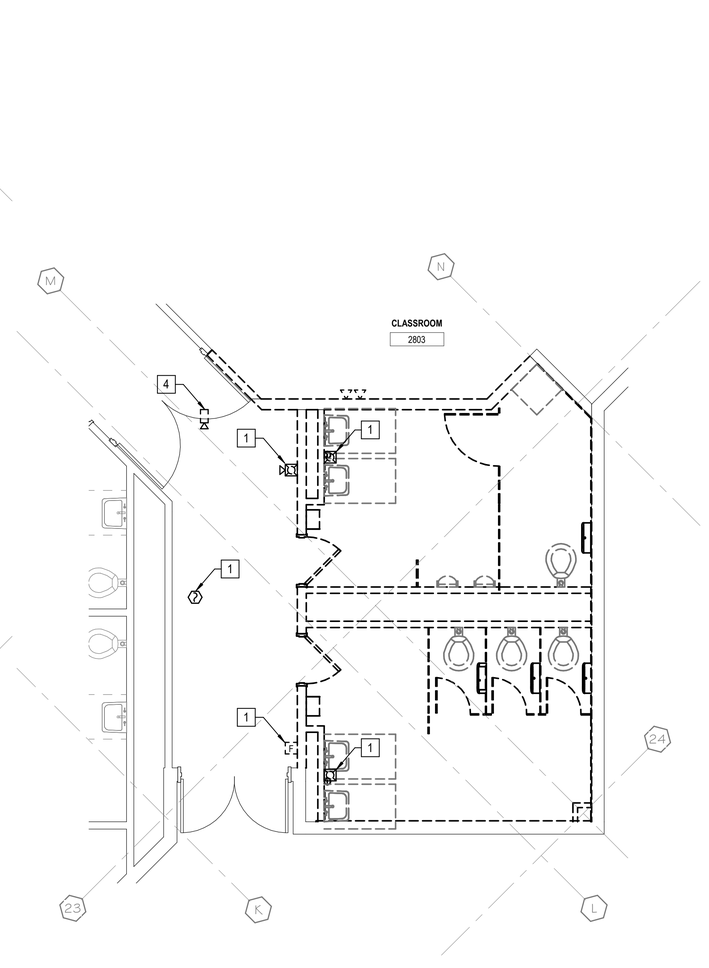


N 1 TD3.1 ENLARGED FLOOR PLAN - RESTROOM B - TECHNOLOGY DEMOLITION
1/4" = 1'-0"



N 2 TD3.1 ENLARGED FLOOR PLAN - RESTROOM A - TECHNOLOGY DEMOLITION
1/4" = 1'-0"

GENERAL NOTES

A. ALL DEVICES SHOWN ARE EXISTING TO BE DEMOLISHED UNLESS NOTED OTHERWISE AS EXISTING TO REMAIN (ETR). DEVICES NOT SHOWN ARE EXISTING TO REMAIN.
B. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.
C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.
D. WHILE MOST DEMOLITION WORK IS CONFINED TO CERTAIN AREAS OF THE BUILDING, WORK FOR TECHNOLOGY COMMUNICATION SYSTEMS MAY BE EXTENDED TO INCLUDE OTHER AREAS OUTSIDE THE SCOPE OF WORK. PLAN IN ADVANCE TO PERFORM WORK IN OTHER AREAS TO MINIMIZE INTERRUPTIONS.
E. DEMOLITION REFERS TO THE DISCONNECTION AND REMOVAL OF EQUIPMENT, CABLING AND COMPONENTS BACK TO SOURCE. CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR EXECUTION OF DEMOLITION WORK AND INSTALLATION OF NEW WORK.
F. COORDINATE THE DISCONNECTION AND REMOVAL OF ALL ITEMS WITH ASSOCIATED TRADES. ENSURE SERVICES THAT ARE REQUIRED TO REMAIN ACTIVE ARE ACTIVE DURING AND AFTER DEMOLITION IS COMPLETED. COORDINATE WITH FLOORS ABOVE AND BELOW FOR THE AVOIDANCE OF INADVERTENT SERVICE DEACTIVATION.
G. CONTRACTOR SHALL VISIT SITE PRIOR TO BID SUBMITTAL TO DETERMINE SITE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

KEYED NOTES

1 DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE. MAINTAIN EXISTING FIRE ALARM CIRCUIT FOR RE-USE. REFER TO NEW WORK PLAN.

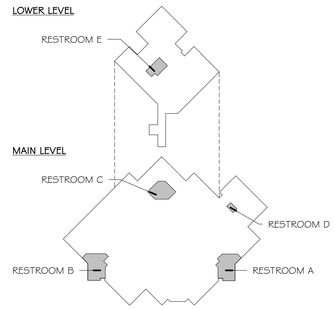
2 DISCONNECT AND REMOVE EXISTING AV OUTLET, SURFACE RACEWAY AND ASSOCIATED CABLE INFRASTRUCTURE TO INTERACTIVE BOARD. AV OUTLET AND CABLING SHALL BE RE-USED. REFER TO NEW WORK PLAN.

3 DISCONNECT AND REMOVE EXISTING PAGING/INTERCOM DEVICE. MAINTAIN EXISTING PAGING CIRCUIT FOR RE-USE. REFER TO NEW WORK PLAN.

4 OWNER SHALL DISCONNECT AND REMOVE VIDEO SURVEILLANCE CAMERA. CONTRACTOR SHALL COIL, MANAGE AND PROTECT EXISTING CABLE FOR RE-USE. REFER TO NEW WORK PLAN.

5 DISCONNECT AND REMOVE EXISTING SECURITY DEVICE. MAINTAIN EXISTING CABLING CIRCUIT FOR RE-USE. REFER TO NEW WORK PLAN.

6 CABLING AND CONNECTOR JACKS AT COMMUNICATION OUTLET SHALL REMOVED FROM FACEPLATE. CABLING SHALL BE COILED, MANAGED AND SUPPORTED AT CEILING. CABLING SHALL BE PROTECTED THROUGH CONSTRUCTION FOR RE-USE. REFER TO NEW WORK PLAN. PRIOR TO WORK COMMENCING, CABLE SHALL BE TESTED FOR CONTINUITY.



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DEMOLITION ENLARGED PLANS

TD3.1

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SCALE: 3" = 1'-0"

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

SCALE: 1" = 1'-0"

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

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

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

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

SCALE: 1/16" = 1'-0"

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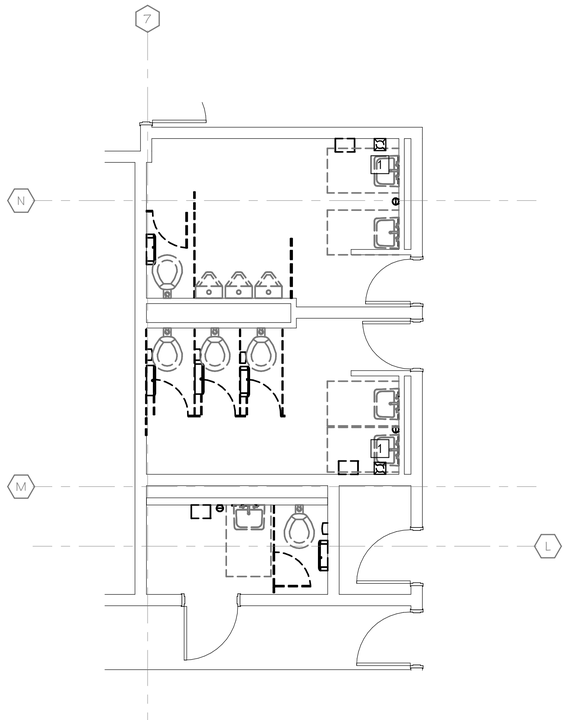
N 1 TD3.2 ENLARGED PLAN - RESTROOM C - TECHNOLOGY DEMOLITION
1/4" = 1'-0"



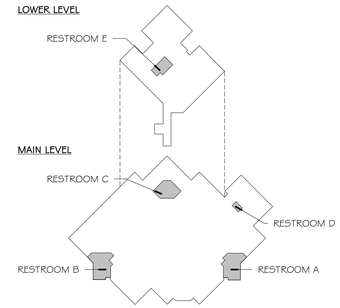
N 2 TD3.2 ENLARGED PLAN - RESTROOM E - TECHNOLOGY DEMOLITION
1/4" = 1'-0"

GENERAL NOTES

A. ALL DEVICES SHOWN ARE EXISTING TO BE DEMOLISHED UNLESS NOTED OTHERWISE AS EXISTING TO REMAIN (ETR). DEVICES NOT SHOWN ARE EXISTING TO REMAIN.
B. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.
C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.
D. WHILE MOST DEMOLITION WORK IS CONFINED TO CERTAIN AREAS OF THE BUILDING, WORK FOR TECHNOLOGY COMMUNICATION SYSTEMS MAY BE EXTENDED TO INCLUDE OTHER AREAS OUTSIDE THE SCOPE OF WORK. PLAN IN ADVANCE TO PERFORM WORK IN OTHER AREAS TO MINIMIZE INTERRUPTIONS.
E. DEMOLITION REFERS TO THE DISCONNECTION AND REMOVAL OF EQUIPMENT, CABLING AND COMPONENTS BACK TO SOURCE. CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR EXECUTION OF DEMOLITION WORK AND INSTALLATION OF NEW WORK.
F. COORDINATE THE DISCONNECTION AND REMOVAL OF ALL ITEMS WITH ASSOCIATED TRADES. ENSURE SERVICES THAT ARE REQUIRED TO REMAIN ACTIVE ARE ACTIVE DURING AND AFTER DEMOLITION IS COMPLETED. COORDINATE WITH FLOORS ABOVE AND BELOW FOR THE AVOIDANCE OF INADVERTENT SERVICE DEACTIVATION.
G. CONTRACTOR SHALL VISIT SITE PRIOR TO BID SUBMITTAL TO DETERMINE SITE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

KEYED NOTES

1 DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE. MAINTAIN EXISTING FIRE ALARM CIRCUIT FOR RE-USE. REFER TO NEW WORK PLAN.



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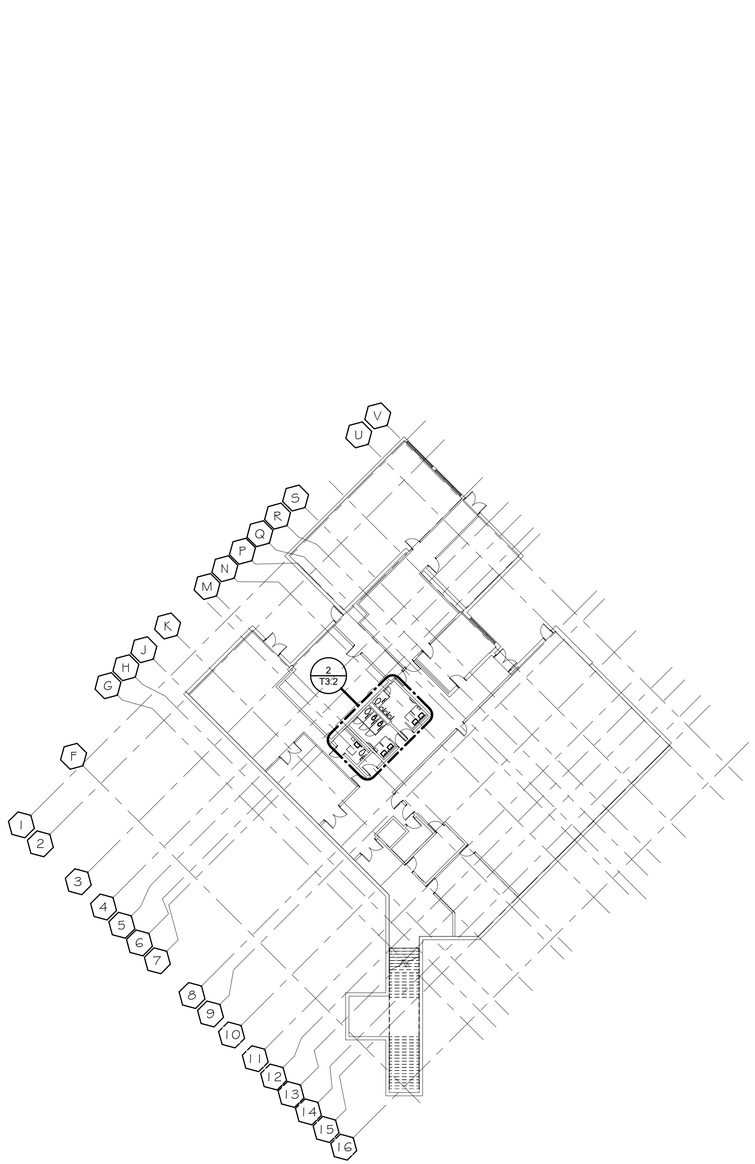
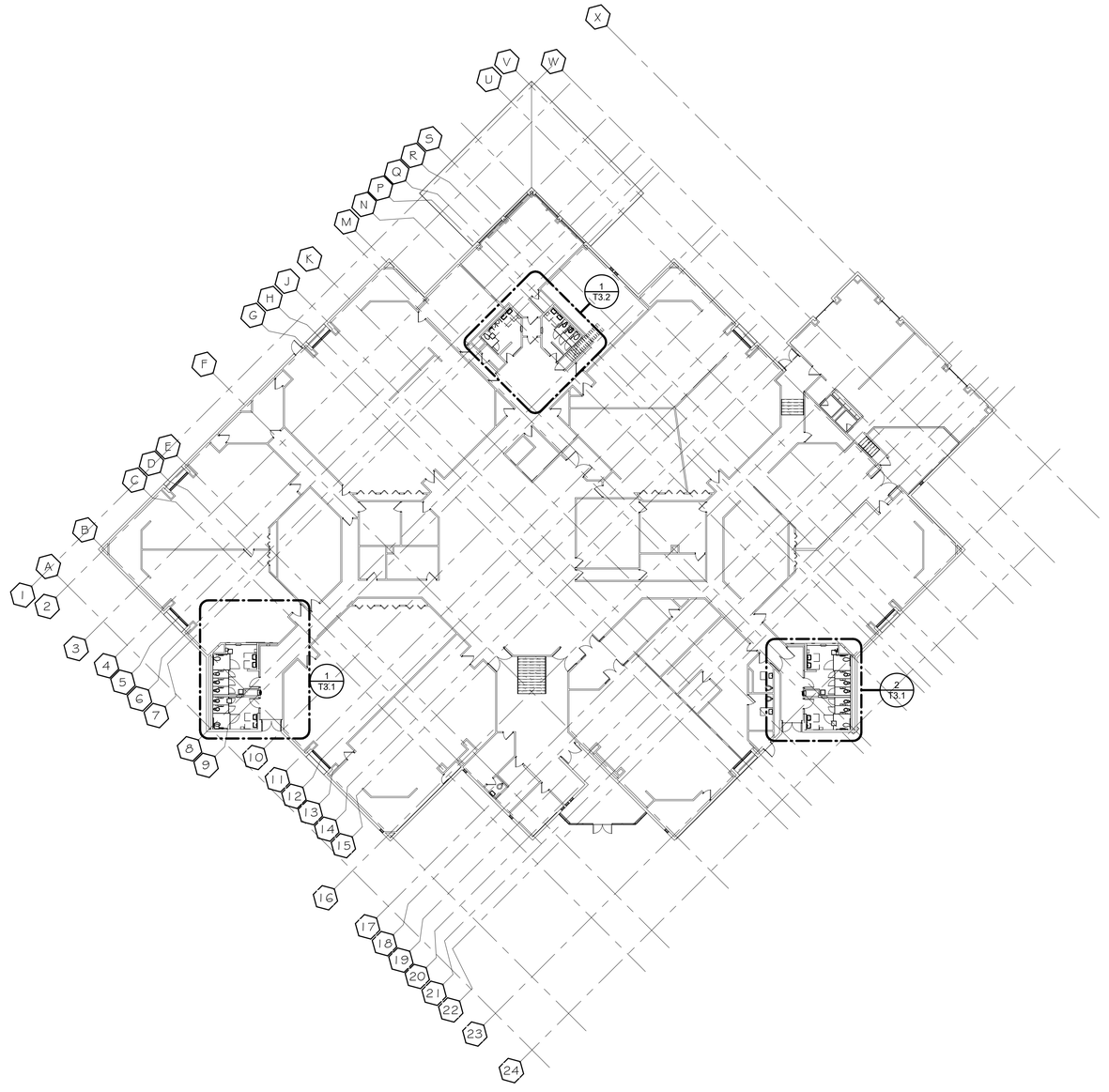
DEMOLITION ENLARGED PLANS

TD3.2



1 OVERALL FLOOR PLAN - LOWER LEVEL - TECHNOLOGY
T2.0 3/64" = 1'-0"



2 OVERALL FLOOR PLAN - MAIN LEVEL - TECHNOLOGY
T2.0 3/64" = 1'-0"

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

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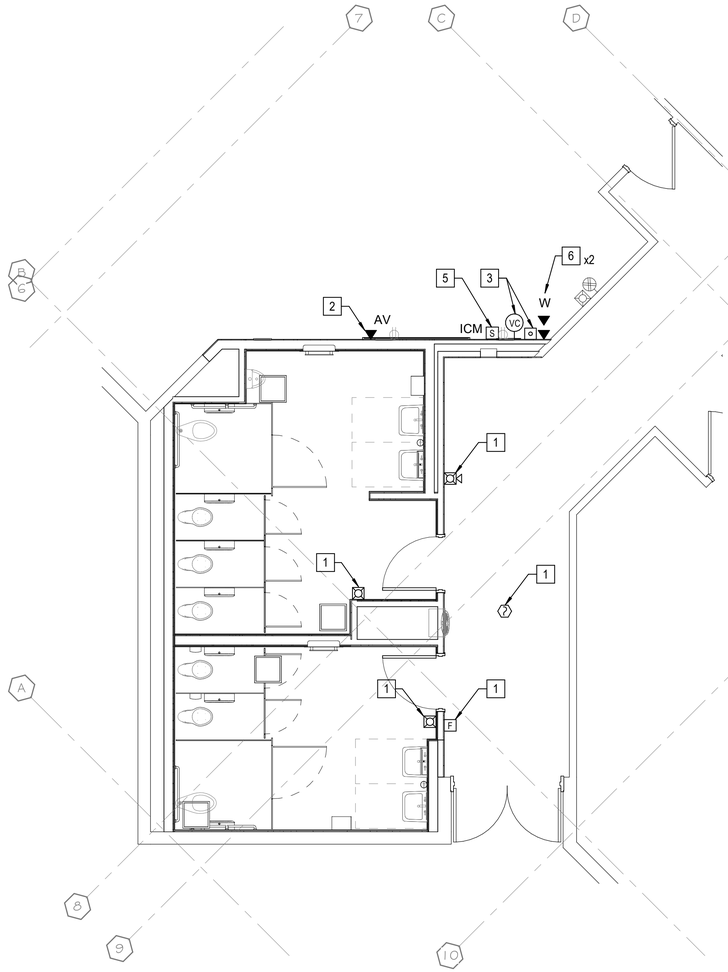
OVERALL FLOOR PLANS

T2.0



N 1 T3.1 ENLARGED FLOOR PLAN - RESTROOM B - TECHNOLOGY
1/4" = 1'-0"

N 2 T3.1 ENLARGED FLOOR PLAN - RESTROOM A - TECHNOLOGY
1/4" = 1'-0"

GENERAL NOTES

A. VERIFY CABLE PATHWAY (CABLE TRAY, CONDUIT OR J-HOOKS) WITHIN BUILDING AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH ALL OTHER BUILDING TRADES. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.

B. VERIFY MOUNTING HEIGHT OF COMMUNICATION DEVICES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. WHERE CONFLICTS EXIST, CONTRACTOR SHALL NOTIFY ENGINEER AND ARCHITECT FOR RESOLUTION.

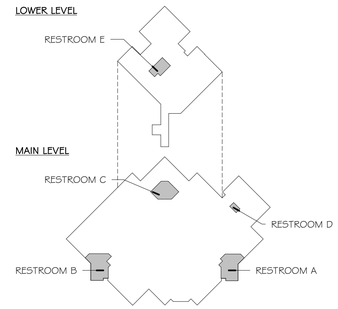
C. ELECTRICAL DEVICES ARE SHOWN LIGHT AND ARE FOR REFERENCE PURPOSES ONLY. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

D. MOUNTING HEIGHT OF PROJECTOR AND DISPLAY LOCATIONS ARE APPROXIMATE AND SHOULD BE COORDINATED WITH ARCHITECT AND ARCHITECTURAL FEATURES. DEVICE SHALL BE MOUNTED ADJACENT TO POWER RECEPTACLE.

E. DEVICES SHOWN LIGHT ARE EXISTING. DEVICES SHOWN DARKER/BOLD ARE TO BE PROVIDED UNDER THIS CONTRACT UNLESS NOTED OTHERWISE.

KEYED NOTES

1. PROVIDE NEW FIRE ALARM DEVICE AND CONNECT TO EXISTING FIRE ALARM CIRCUIT. CIRCUIT SHALL BE EXTENDED AS REQUIRED. PROVIDE PROGRAMMING TO ACCOMMODATE NEW DEVICE.
2. REINSTALL EXISTING AV OUTLET, SURFACE RACEWAY AND ASSOCIATED CABLE INFRASTRUCTURE AND CONNECT TO INTERACTIVE BOARD. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS AND ELEVATIONS.
3. PROVIDE NEW PAGING/INTERCOM DEVICE UTILIZING EXISTING CABLING INFRASTRUCTURE/CIRCUIT.
4. OWNER SHALL REINSTALL EXISTING VIDEO SURVEILLANCE CAMERA AT LOCATION SHOWN. CONTRACTOR SHALL MAKE PREVIOUSLY MANAGED AND PROTECTED CABLE AVAILABLE FOR OWNER CONNECTION.
5. REINSTALL EXISTING SECURITY DEVICE UTILIZING EXISTING CABLING INFRASTRUCTURE/CIRCUIT.
6. EXISTING COMMUNICATION CABLE SHALL BE INSTALLED AT NEW OUTLET LOCATION. JACKS SHALL BE INSTALLED IN NEW FACEPLATE. CABLE SHALL BE RE-TESTED FOR CONTINUITY.



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ENLARGED PLANS

T3.1

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SCALE: 3" = 1'-0"

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

SCALE: 1" = 1'-0"

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

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

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

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

SCALE: 1/16" = 1'-0"

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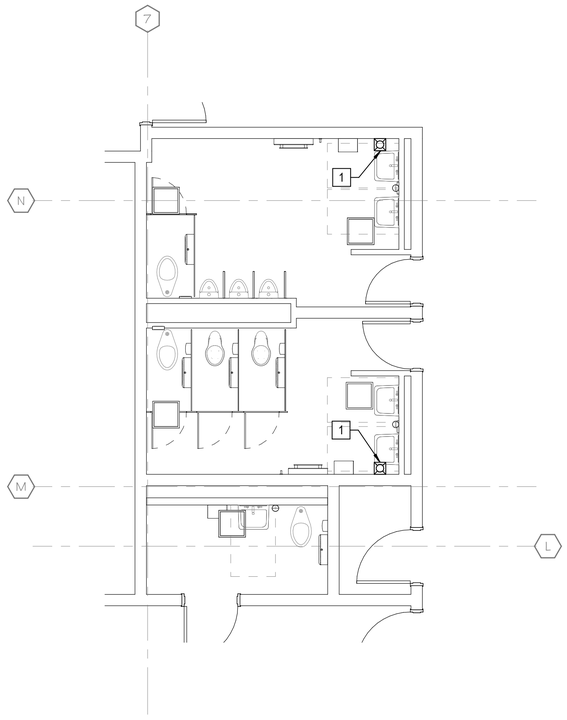
N 1 T3.2 ENLARGED PLAN - RESTROOM C - TECHNOLOGY
1/4" = 1'-0"



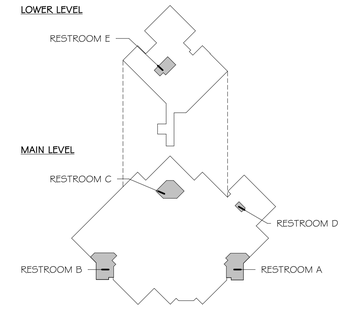
N 2 T3.2 ENLARGED PLAN - RESTROOM E - TECHNOLOGY
1/4" = 1'-0"

GENERAL NOTES

A. VERIFY CABLE PATHWAY (CABLE TRAY, CONDUIT OR J-HOOKS) WITHIN BUILDING AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH ALL OTHER BUILDING TRADES. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.
B. VERIFY MOUNTING HEIGHT OF COMMUNICATION DEVICES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. WHERE CONFLICTS EXIST, CONTRACTOR SHALL NOTIFY ENGINEER AND ARCHITECT FOR RESOLUTION.
C. ELECTRICAL DEVICES ARE SHOWN LIGHT AND ARE FOR REFERENCE PURPOSES ONLY. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
D. MOUNTING HEIGHT OF PROJECTOR AND DISPLAY LOCATIONS ARE APPROXIMATE AND SHOULD BE COORDINATED WITH ARCHITECT AND ARCHITECTURAL FEATURES. DEVICE SHALL BE MOUNTED ADJACENT TO POWER RECEPTACLE.
E. DEVICES SHOWN LIGHT ARE EXISTING. DEVICES SHOWN DARKER/BOLD ARE TO BE PROVIDED UNDER THIS CONTRACT UNLESS NOTED OTHERWISE.

KEYED NOTES

1 PROVIDE NEW FIRE ALARM DEVICE AND CONNECT TO EXISTING FIRE ALARM CIRCUIT. CIRCUIT SHALL BE EXTENDED AS REQUIRED. PROVIDE PROGRAMMING TO ACCOMMODATE NEW DEVICE.



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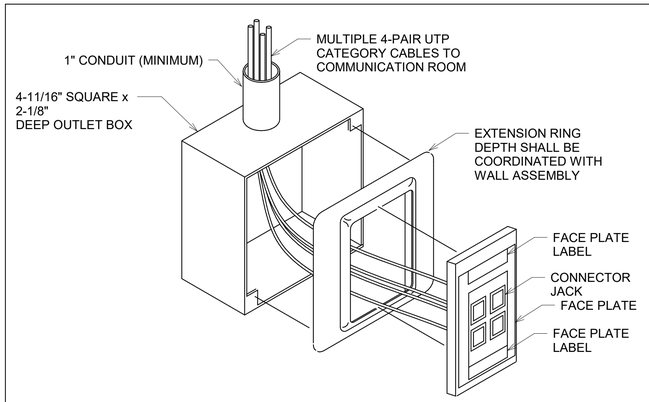
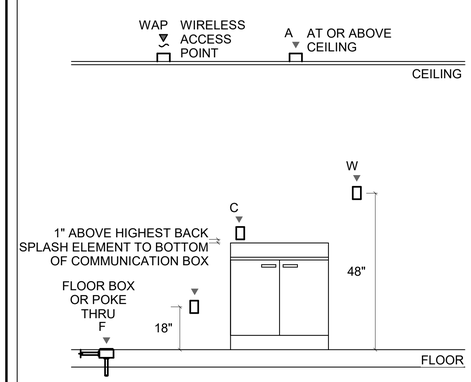
ENLARGED PLANS

T3.2



NOTES:
1. COLOR OF FACE PLATE SHALL BE COORDINATED WITH AND APPROVED BY ARCHITECT AND OTHER DEVICES WITHIN THE SAME SPACE.
2. FACE PLATE IS DIAGRAMMATIC ONLY. REFER TO SPECIFICATIONS FOR EXACT TYPE OF FACE PLATE.
3. BLANKS SHALL BE INSTALLED IN ALL UNUSED PORTS AND COLOR SHALL MATCH FACE PLATE.
4. EXTENSION RING GANGS SHALL BE COORDINATED WITH FACE PLATE.
5. COMMUNICATION CABLES SHOWN ARE FOR REFERENCE PURPOSES ONLY. REFER TO CONSTRUCTION DOCUMENTS FOR EXACT QUANTITIES.
6. CONDUIT SHALL EXTEND FROM OUTLET BOX TO ACCESSIBLE PORTION OF CEILING UNLESS NOTED OTHERWISE.
7. FOR NON-STANDARDIZED OR SPECIALTY OUTLETS, REFER TO ASSOCIATED KEYED NOTE.

1 / T5.0 COMMUNICATION OUTLET
NO SCALE



NOTES:
1. PLAN SYMBOLOGY WITH ASSOCIATED MOUNTING HEIGHTS ARE SHOWN. OUTLET MAY BE OPEN OR FILLED.
2. DEVICES SHALL BE MOUNTED A THE HEIGHT SHOWN UNLESS NOTED OTHERWISE.
3. MOUNTING HEIGHT SHOWN IS APPROXIMATE AND SHALL BE TO CENTER OF OUTLET BOX.
4. FOR ITEMS INSTALLED IN AN ENCLOSURE, COORDINATE REQUIREMENTS WITH CEILING TYPE, ENCLOSURE AND OTHER TRADES.

2 / T5.0 OUTLET ELEVATION HEIGHT
NO SCALE

NOTES:
1. WHEN INSTALLED IN AN INACCESSIBLE CEILING, PROVIDE 3/4" CONDUIT TO AN ACCESSIBLE CEILING SPACE. WHEN INSTALLED IN AN ACCESSIBLE CEILING, NO CONDUIT IS REQUIRED.
2. COORDINATE INSTALLATION AND LOCATION OF CAMERA HOUSING WITH GENERAL CONTRACTOR AND OTHER TRADES. PROVIDE BLOCKING AND CEILING REINFORCEMENT AS REQUIRED.
3. CONTRACTOR SHALL APPROPRIATELY SEAL WHERE CAMERA MEETS WALL WHEN INSTALLED IN AN EXTERIOR APPLICATION AND SHALL MAINTAIN IP66 RATING OF CAMERA HOUSING.
4. CAMERA SHALL BE 3MP, VANDAL RESISTANT, DOME CAMERA WITH IR ILLUMINATION AND 3mm TO 9mm VARIFOCAL LENS. CAMERA SHALL BE AVIGILON H5SL SERIES.

3 / T5.0 CAMERA - CEILING MOUNT
NO SCALE

SCALE: 3" = 1'-0" (0, 0.25', 0.5', 1')
SCALE: 1 1/2" = 1'-0" (0, 0.5', 1', 2')
SCALE: 1" = 1'-0" (0, 0.5', 1', 2')
SCALE: 3/4" = 1'-0" (0, 1', 2', 3')
SCALE: 1/2" = 1'-0" (0, 1', 2', 4')
SCALE: 1/4" = 1'-0" (0, 2', 4', 8')
SCALE: 1/8" = 1'-0" (0, 4', 8', 16')
SCALE: 1/16" = 1'-0" (0, 8', 16', 32')

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BID/PERMIT SET

TECHNOLOGY - DETAILS

T5.0