

Proj. #20047

POST OAK EARLY LEARNING CENTER

HUD PROJECT NO.
OHFA PROJECT NO.

PROJECT ARCHITECT:	MOODY NOLAN
SIGNATURE _____	TITLE _____ DATE _____
OWNER/ DEVELOPER:	COLUMBUS METROPOLITAN HOUSING AUTHORITY
SIGNATURE _____	TITLE _____ DATE _____
GENERAL CONTRACTOR:	
SIGNATURE _____	TITLE _____ DATE _____
LENDER:	
SIGNATURE _____	TITLE _____ DATE _____
BONDING COMPANY:	
SIGNATURE _____	TITLE _____ DATE _____

3570 O'DONNELL COURT
COLUMBUS, OHIO

PREPARED FOR:



COLUMBUS METROPOLITAN HOUSING AUTHORITY

COMMUNITY. COMMITMENT. COLLABORATION.

880 EAST 11TH AVENUE
COLUMBUS, OH 43211

BID PACKAGE 2
EARLY LEARNING CENTER



PREPARED BY:

 **MOODY•NOLAN**
ARCHITECTURE
300 SPRUCE STREET, SUITE 300
COLUMBUS, OH 43215

 **MOODY ENGINEERING**
CIVIL/SITE ENGINEERING
300 SPRUCE STREET, SUITE 200
COLUMBUS, OH 43215

JEZERINAC GEERS & ASSOCIATES
STRUCTURAL
5640 FRANTZ ROAD
DUBLIN, OHIO 43017

EDGE GROUP
LANDSCAPE
330 WEST SPRING ST. SUITE 350
COLUMBUS, OHIO 43215

AEC
ADVANCED ENGINEERING CONSULTANTS
MEP & FP
1405 DUBLIN ROAD
COLUMBUS, OH 43215

PHONE: (614) 461-4664 FAX: (614) 280-8881

PHONE: (614) 280-8999 FAX: (614) 280-8881

PHONE: (614) 766-0066

PHONE: (614) 486-3343

PHONE: (614) 486-4778

BID & PERMIT SET 11-20-2020

ABBREVIATIONS

Table of abbreviations categorized by letter (A-Z). Includes symbols for anchors, acoustic tiles, area drains, and various construction materials like brick, concrete, and glass.

SYMBOLS LEGEND

Diagrams and symbols for building sections, wall sections, detail sections, exterior elevations, interior elevations, window/curtain wall elevations, vertical elevations, spot elevations, revision clouds, view titles, graphic scales, matchlines, and area tags.

CODE SUMMARY

OWNER: COLUMBUS METROPOLITAN HOUSING AUTHORITY
OWNERS ADDRESS: 880 EAST 11TH AVENUE COLUMBUS, OHIO 43211
OWNERS PHONE: (614) 421-6000
SITE ADDRESS: 1383 VIDA WAY COLUMBUS, OHIO 43204
SITE ZONING: Z67-136, MULTI-FAMILY, ARLD, 3/8/1968, H-35
PARCEL NUMBER: 570-138784; 570-141446
BUILDING CODES: OHIO BUILDING CODE: 2017, OHIO PLUMBING CODE: 2017, NATIONAL ELECTRIC CODE: 2017, INTERNATIONAL FUEL GAS CODE: 2015, INTERNATIONAL ENERGY CONSERVATION CODE: 2012, ICC A117.1-2009 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES, ASHRAE 90.1 2010, OHIO FIRE CODE: 2017, COLUMBUS OHIO ZONING CODE, 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, NFPA 101 LIFE SAFETY CODE 2015
BUILDING DATA: CONSTRUCTION TYPE: IB, USE GROUP: E (DAYCARE), S2 & B: NON-SEPARATED MIXED USE
BUILDING IS TO BE FULLY SPRINKLERED
ALLOWABLE HEIGHT: 75' 3 STORY, ACTUAL HEIGHT: 30' - ONE STORY WITH ENCLOSED MECHANICAL PLATFORM OF 165 S.F.
ALLOWABLE AREA SF SPRINKLERED: S1-58,000 S.F. ; SM-43,500 S.F. ALLOWABLE AREA INCREASE FOR OPEN PERIMETER: N/A
ACTUAL FLOOR AREA: 14,170 S.F. INCLUDING OVERHANGS
FIRE RESISTANCE RATINGS TABLE 601
EXTERIOR WALLS: 0 HR FOR GREATER THAN 10' SEPARATION (TABLE 602)
VERTICAL CIRCULATION: 0 HR
EXIT ACCESS CORRIDORS: 0 HR
STRUCTURE: 0 HR
FLOORS: 0 HR
ROOF: 0 HR
STORM SHELTER NOT REQUIRED PER SECTION 423.4 EXCEPTION 1 GROUP E FOR DAYCARE FACILITIES

PROJECT SUMMARY

NEW DAYCARE AND EARLY LEARNING CENTER
REFERENCE BID PACKAGE 3B FOR DESIGN & CONSTRUCTION FEATURES FORM.

GREEN CERTIFICATION

THE PROJECT WILL PURSUE LEED OF ENTERPRISE GREEN CERTIFICATION FOR NEW THE BUILDING.

ACCESSIBILITY

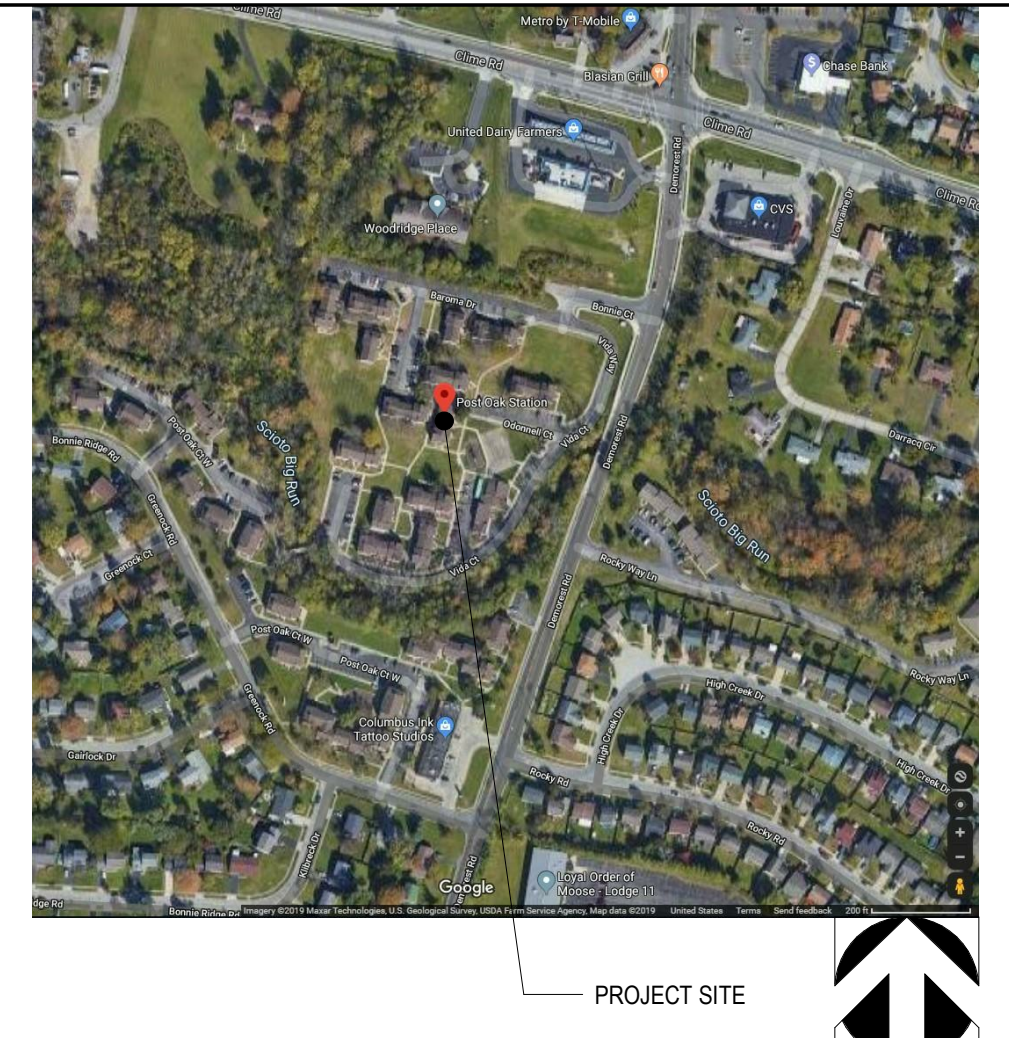
INDEX OF DRAWINGS

Table with columns: SHEET NUMBER, SHEET NAME, Current Revision Date. Lists drawing sheets from G001 to G101, including cover sheets, drawing index, wall type schedule, code plan, and various architectural and equipment details.

AREA MAP



VICINITY MAP



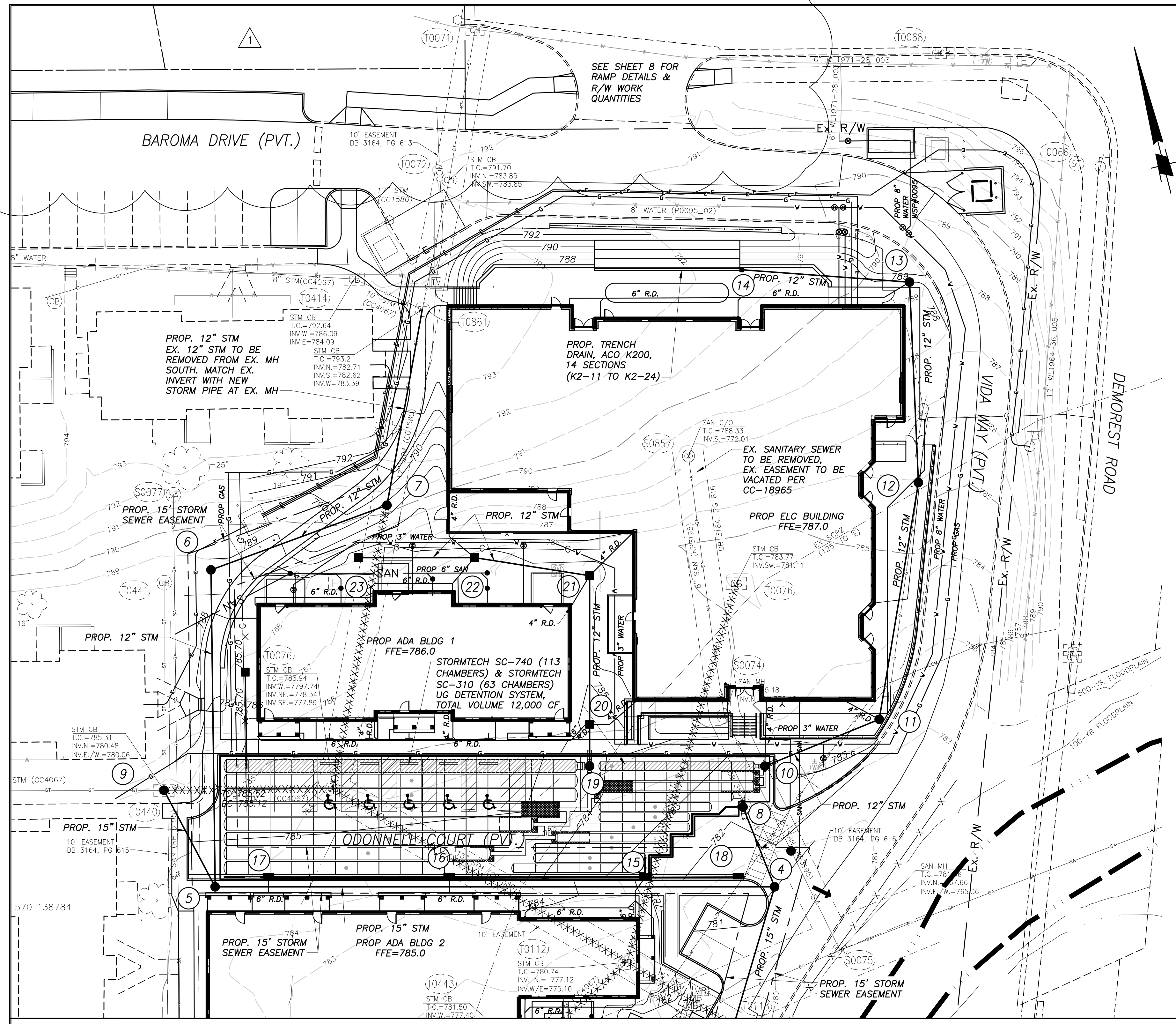
MATERIALS LEGEND

Table of material patterns and names: ALUMINUM, ACOUSTIC CEILING, BRICK, CONCRETE, CONCRETE MASONRY, CONCRETE (SURFACE), EARTH, GLASS - LARGE SCALE, GLASS - SMALL SCALE, GRANULAR FILL, GYPSUM BOARD, INSULATION - BATT, INSULATION - RIGID, PLYWOOD, STEEL, WOOD - ROUGH FRAMING, WOOD - ROUGH BLOCKING, WOOD - FINISHED.

Table with columns: #, DATE, CHANGE DESCRIPTION. Shows revision 1 on 01/28/21 for ADDENDUM #1.

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
PHONE: (614) 461-4664 FAX: (614) 280-8881

DRAWING TITLE: DRAWING INDEX / CODE SUMMARY
11-20-2020
DRAWN BY: XXXX CHECKED BY: XXXX
Proj. #20047
G001
BID & PERMIT SET
JONATHAN D. MOODY, LIC. #1215709 EXP. DATE: 12/31/2021



STORM SEWER MANHOLE COORDINATES BASED ON NAD83 OHIO SOUTH (NSRS 2007)				
Structure No.	PLAN Northing	PLAN Easting	AS-BUILT Northing	AS-BUILT Easting
T0113			701905.89	1802642.26
T0861			702157.52	1802600.44
1	701869.65	1802576.23		
2	701875.34	1802525.97		
3	701871.43	1802438.25		
4	701946.63	1802666.30		
5	701991.02	1802489.03		
6	702091.73	1802512.84		
7	702098.27	1802573.72		
8	701974.44	1802662.56		
9	702025.66	1802480.46		
10	701985.65	1802672.75		
11	701991.43	1802712.72		
12	702063.30	1802743.89		
13	702127.47	1802756.98		
14	702144.69	1802704.80		
15	701960.03	1802626.04		
16	701975.36	1802563.93		
17	701989.64	1802506.64		
18	701952.88	1802655.68		
19	701999.55	1802617.24		
20	702012.84	1802620.57		
21	702059.88	1802632.34		
22	702074.69	1802597.40		
23	702083.93	1802560.49		
24	701860.41	1802565.99		

STORM SEWER ALIGNMENT TABLE				
RUN	PLAN BEARING	PLAN LENGTH	AS-BUILT BEARING	AS-BUILT LENGTH
2-3	S87°26'31"W	87.81'		
4-T0113	S30°32'26"W	47.30'		
5-4	S75°56'24"E	182.74'		
6-5	S13°18'13"W	103.48'		
7-6	S83°52'08"W	61.23'		
8-4	S73°52'E	28.06'		
9-5	S13°53'12"E	35.68'		
11-10	S81°46'43"W	40.39'		
12-11	S23°26'49"W	78.34'		
13-12	S11°31'20"W	65.49'		
20-19	S14°03'05"W	13.70'		
21-20	S14°03'05"W	48.50'		
22-21	S67°02'19"E	37.95'		
23-22	S75°56'16"E	38.05'		
T0113-1	S61°14'31"W	75.33'		
T0861-7	S24°16'27"W	65.00'		

SEWER DATA

- 15 PROP. CI (AA-S125A)
PROP. GUT. 782.35
12" INV. 778.80 (STUB INTO STORMTECH CHAMBER)
- 16 PROP. CI (AA-S125A)
PROP. GUT. 784.30
12" INV. 778.80 (STUB INTO STORMTECH CHAMBER)
- 17 PROP. CI (AA-S125A)
PROP. GUT. 784.30
12" INV. 778.80 (STUB INTO STORMTECH CHAMBER)
- 18 PROP. CI (AA-S125A)
(GUTTER ONLY FRAME & GRATE)
PROP. GUT. 781.49
12" INV. 778.80 (STUB INTO STORMTECH CHAMBER)
- 24 PROP. CI (AA-S125A)
PROP. GUT. 781.30
12" INV. 777.90 (STUB INTO STORMTECH CHAMBER)

SANITARY SEWER NOTICE

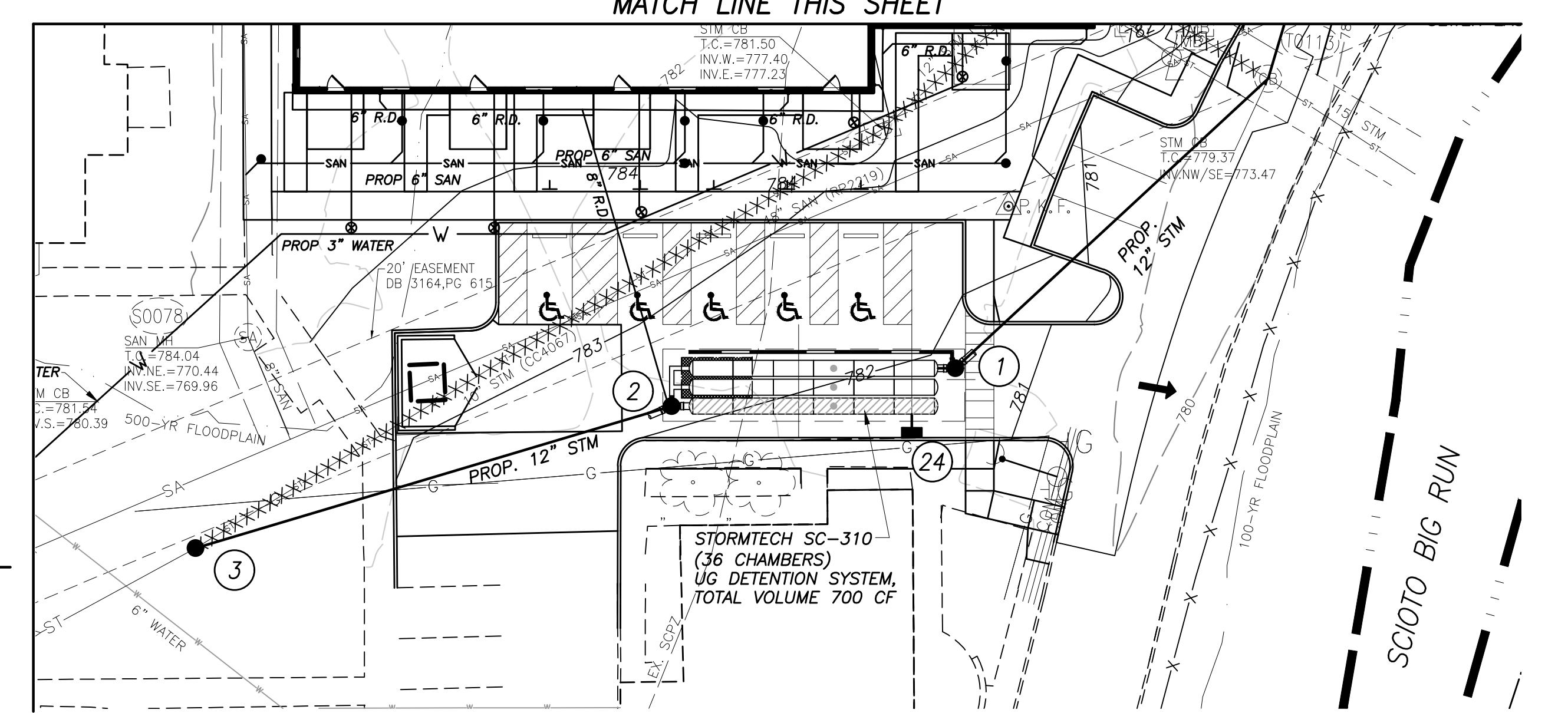
CONTACT SEWER PERMIT OFFICE 111 N. FRONT ST. 1ST FLOOR 614-645-7490 FOR ANY WORK INVOLVING THE EXISTING SANITARY SERVICE LATERAL(S) OUTSIDE OF THE BUILDINGS, AND IF ANY NEW CONNECTIONS TO THE SANITARY MAINLINE ARE REQUIRED.

CONNECTION TO THE SANITARY SEWER CANNOT BE MADE WITHOUT A SEWER PERMIT, TO BE OBTAINED FROM THE DPU PERMIT OFFICE AT 111 NORTH FRONT STREET, 1st FLOOR, 614-645-7490

NOTE: SANITARY SERVICES AND OTHER UTILITY CONNECTIONS ARE SHOWN ON THIS PLAN FOR REFERENCE ONLY. APPROVAL OF THESE DRAWINGS DOES NOT CONSTITUTE APPROVAL OF THE SANITARY SERVICE, ITS LOCATION, OR ANY OTHER NON-STORM WATER UTILITIES.

LEGEND

- ← GREATER THAN 100 YR. MAJOR FLOOD ROUTING PATH
- XXXXXXXXXX EXISTING SEWER TO BE REMOVED



EASEMENT REFERENCE				REVISIONS		PLAN PREPARED BY:
CITY NO.	COUNTY RECORDER	PAGE	GRANTOR	NO.	DESCRIPTION	

300 SPRUCE STREET
SUITE 200
COLUMBUS, OHIO 43215
P: 614 280 8999

MOODY ENGINEERING MOODY-ENG.COM

STORM SEWER PLAN

PROJECT TITLE:	PRIVATE STORM SEWER FOR CMHA - POST OAK STATION EARLY LEARNING CENTER 3570 O'DONNELL CT
CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	DIVISION USE ONLY
OWNER	CONTRACTOR
INSPECTOR	
AGREEMENT RPD	COMPLETED CKD
CONDR.	RECORD FILE

SCALE: 1" = 20'	SHEET 3/13
CONTRACT DRAWING NO. CC-19114	RECORD PLAN NO.

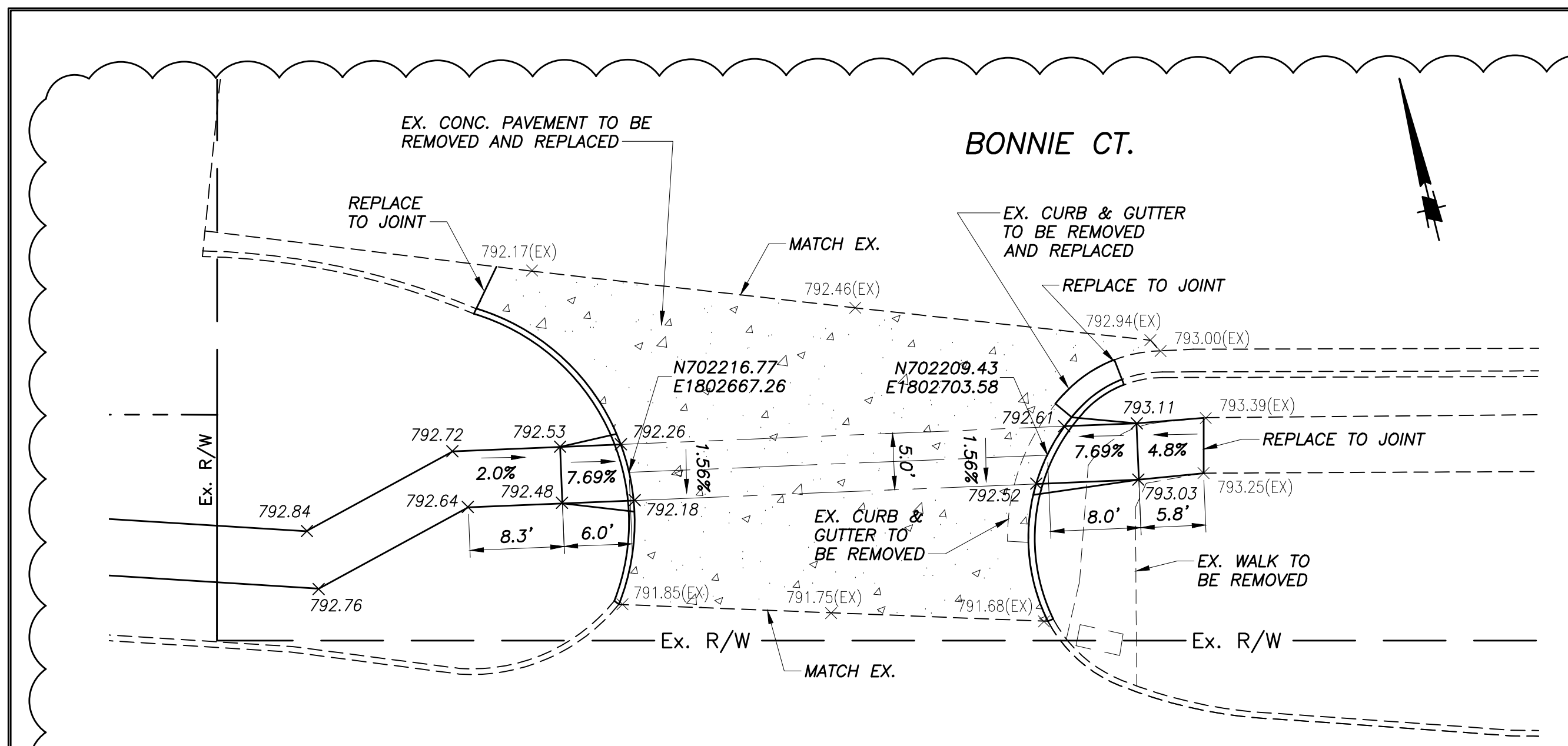
#	DATE	CHANGE DESCRIPTION
1	1-29-21	ADDENDUM #1

POST OAK STATION EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
1383 VIDA WAY COLUMBUS, OHIO 43228
COLUMBUS METROPOLITAN HOUSING AUTHORITY

MOODY ENGINEERING MOODY-ENG.COM
300 SPRUCE STREET SUITE 200 COLUMBUS, OHIO 43215 P: 614 280 8999

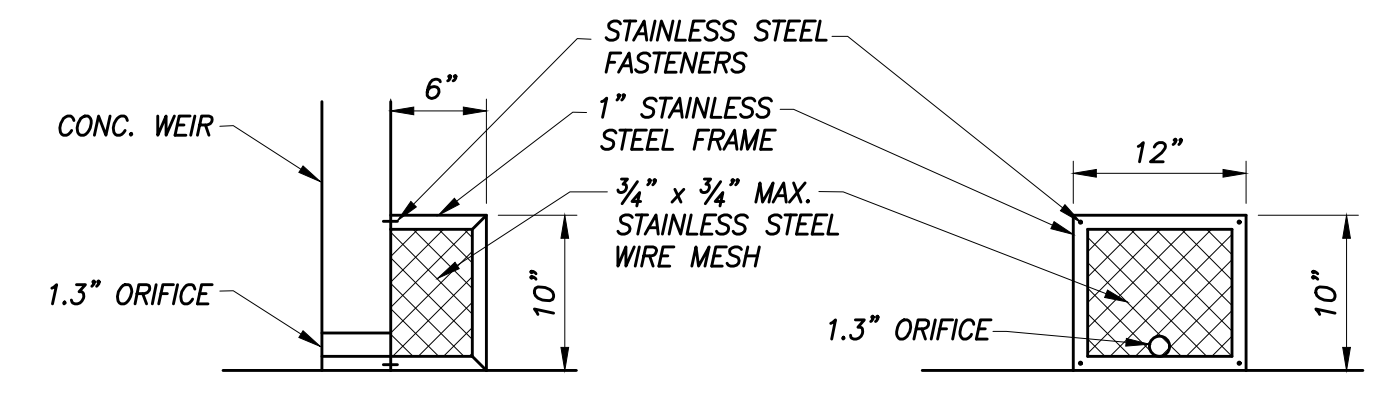
CC-STORM PLAN

1/25/2021
DRAWN BY: CHECKED BY:
19087
C303
CONSTRUCTION DOCUMENTS

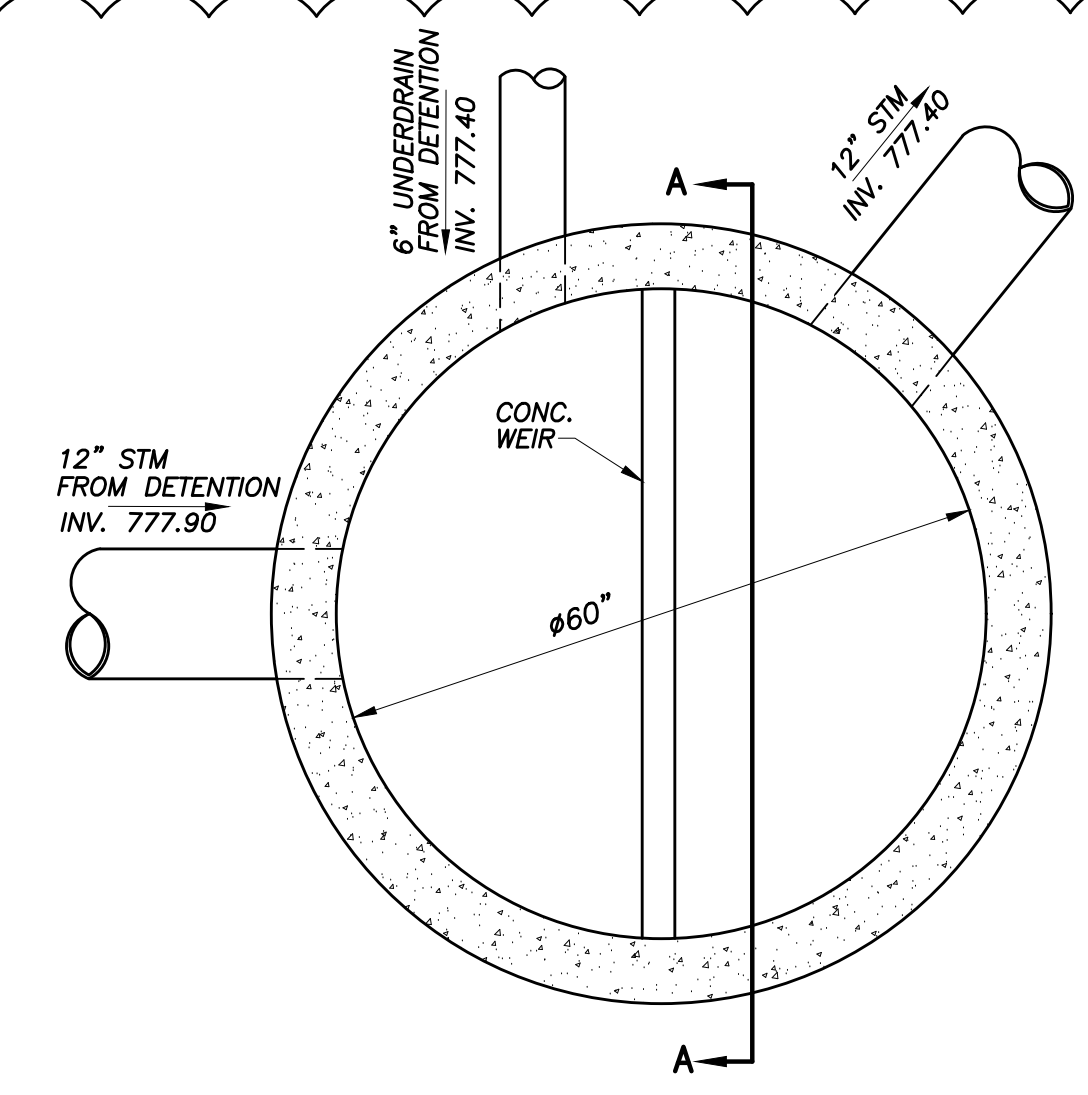


RAMP DETAILS
SCALE: 1"=10'

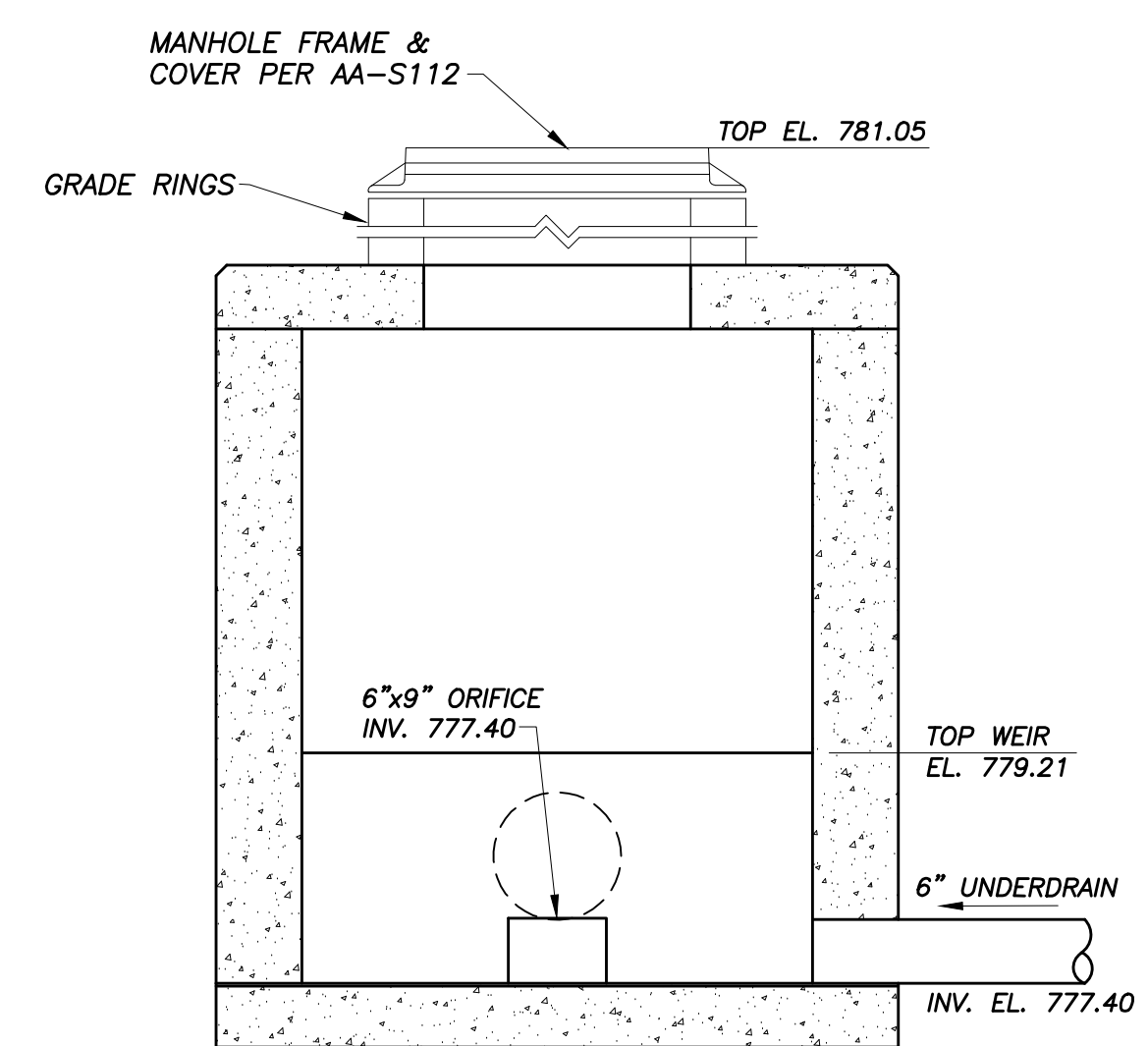
ESTIMATE OF QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
R/W WORK			
202	124	S.Y.	PAVEMENT REMOVED
202	117	S.F.	WALK REMOVED
202	7	FT.	CURB REMOVED
202	18	FT.	CURB & GUTTER REMOVED
452	125	S.Y.	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS 1
60B	264	S.F.	CONCRETE WALK
60B	2	EACH	CURB RAMPS
609	52	FT.	CURB, STRAIGHT 18"
609	6	FT.	COMBINATION CURB & GUTTER, TYPE STANDARD



ANTI-CLOGGING SCREEN DETAIL
NO SCALE

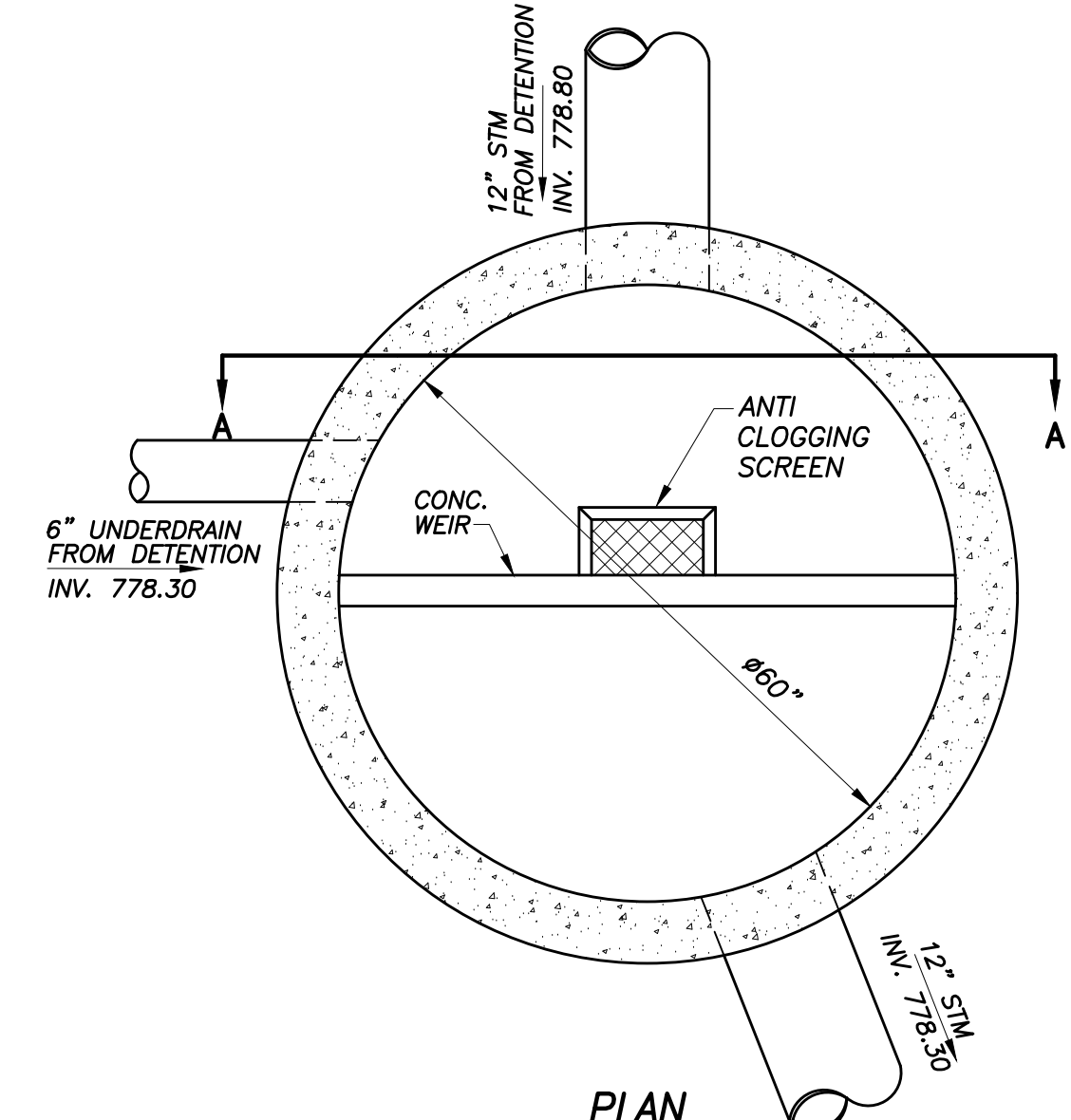


PLAN

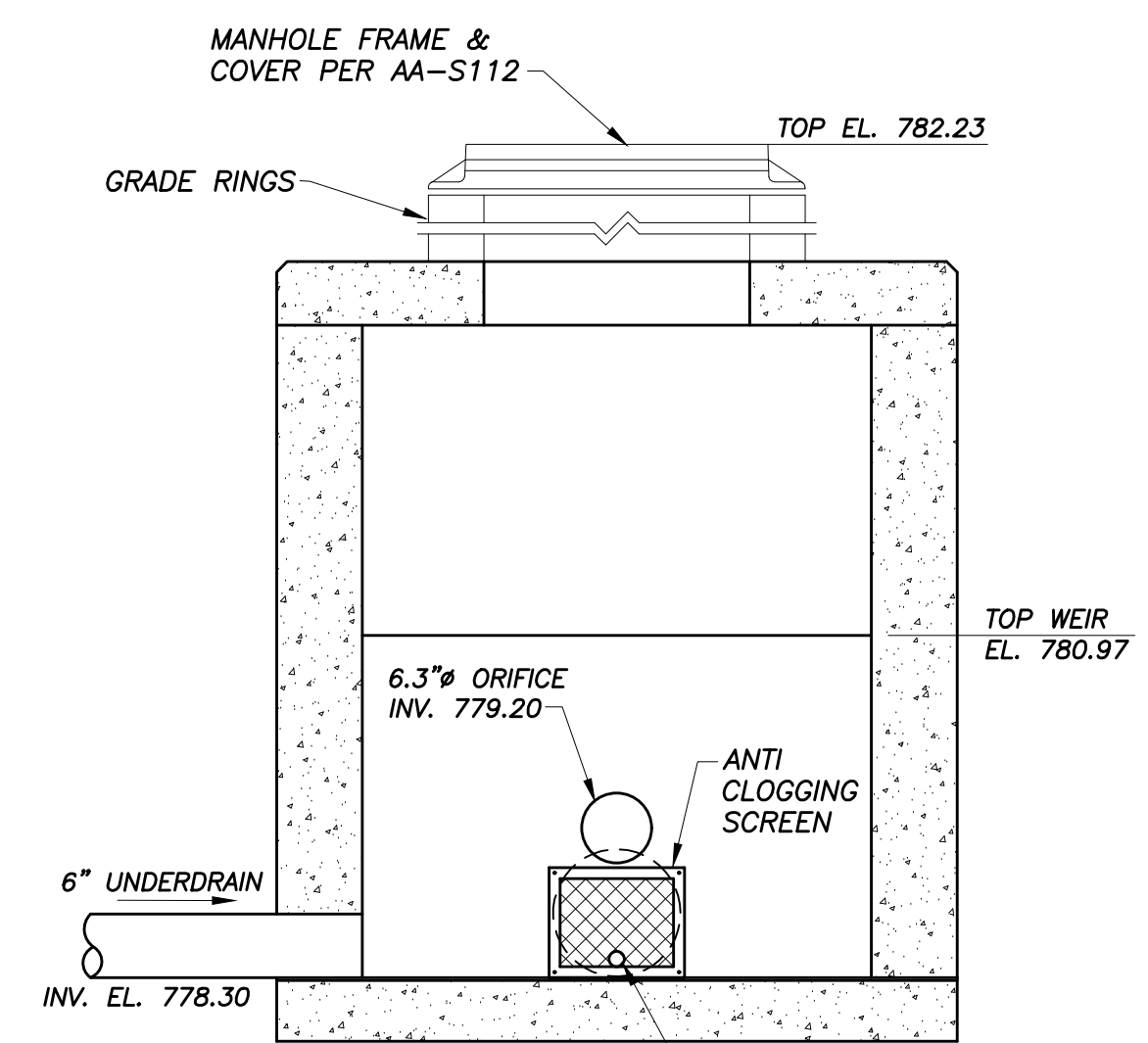


SECTION A-A

OUTLET STRUCTURE #1 DETAIL
NO SCALE
TYPE C MANHOLE w/60" BASE (AA-S102), WITH FLAT SLAB TOP



PLAN



SECTION A-A

OUTLET STRUCTURE #8 DETAIL
NO SCALE
TYPE C MANHOLE w/60" BASE (AA-S102), WITH FLAT SLAB TOP

EASEMENT REFERENCE			
CITY NO.	COUNTY RECORDER VOL.	PAGE	GRANTOR

REVISIONS		
NO.	DESCRIPTION	APPROVAL/DATE

PLAN PREPARED BY:



**300 SPRUCE STREET
SUITE 200
COLUMBUS, OHIO 43215
P: 614 280 8999
MOODY-ENG.COM**

DETAILS

PROJECT TITLE:	PRIVATE STORM SEWER FOR CMHA - POST OAK STATION EARLY LEARNING CENTER 3570 ODONNELL CT
OWNER	CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE
CONTRACTOR	DIVISION USE ONLY
INSPECTOR	DIVISION USE ONLY
AGREEMENT	COMPLETED
RPD	CKD
CID	CON.DR.
INDEX DETAIL	RECORD FILE

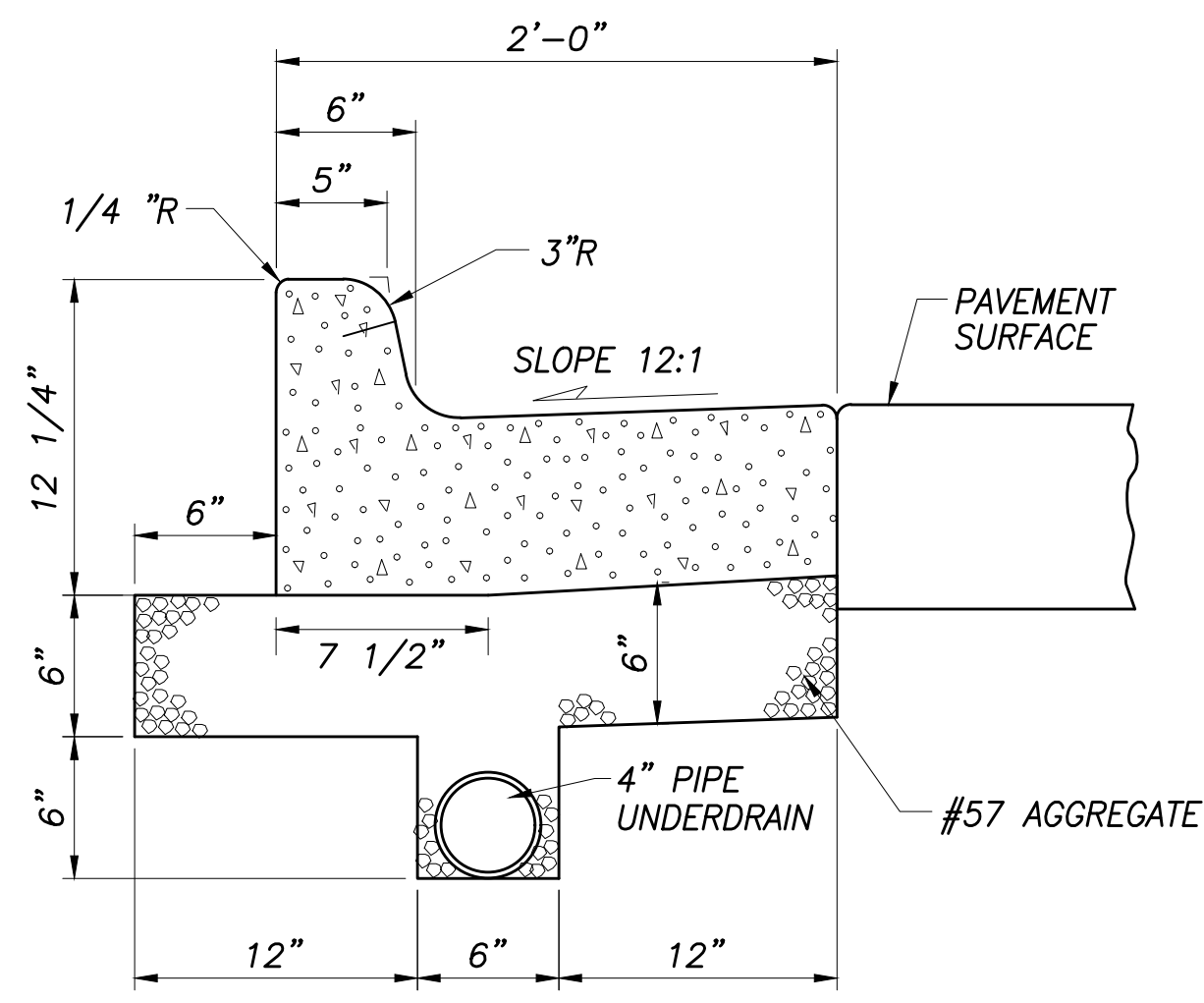
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SHEET	8/13
CONTRACT DRAWING NO.	CC-19114
RECORD PLAN NO.	

#	DATE	CHANGE DESCRIPTION
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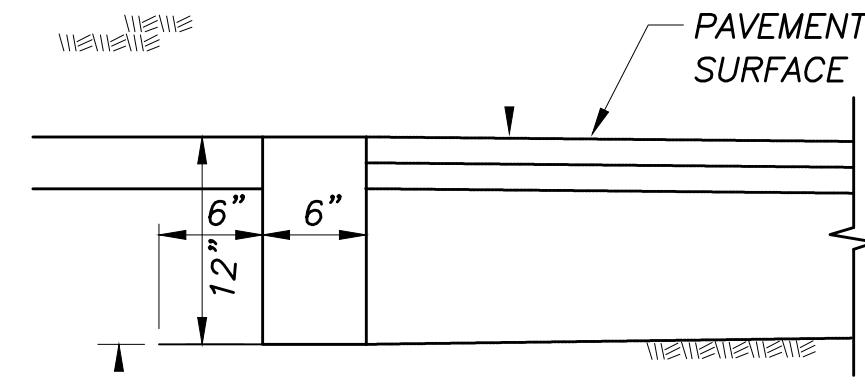
POST OAK STATION EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
1383 VIDA WAY COLUMBUS, OHIO 43228
COLUMBUS METROPOLITAN HOUSING AUTHORITY

MOODY ENGINEERING
300 SPRUCE STREET
SUITE 200
COLUMBUS, OHIO 43215
P: 614 280 8999
MOODY-ENG.COM

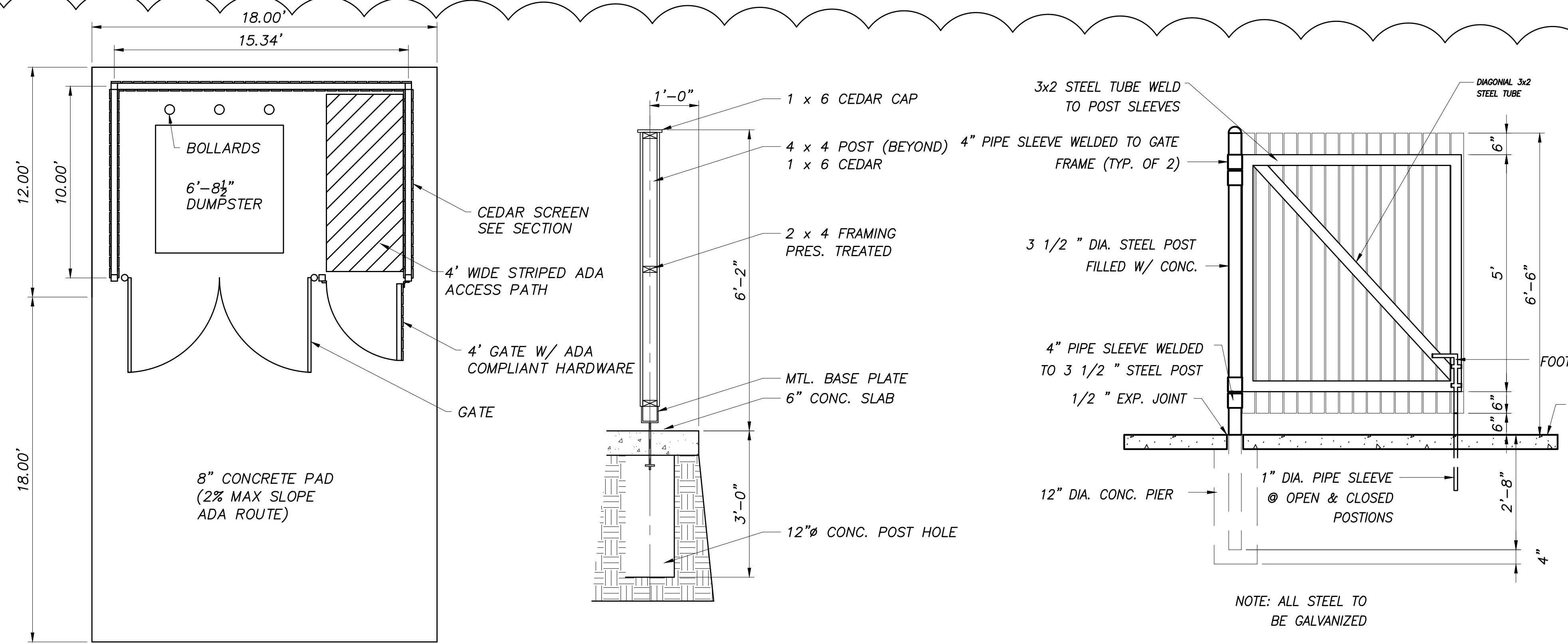
CC-STORM DETAILS	
DRAWN BY:	CHECKED BY:
	19087
C308	
CONSTRUCTION DOCUMENTS	



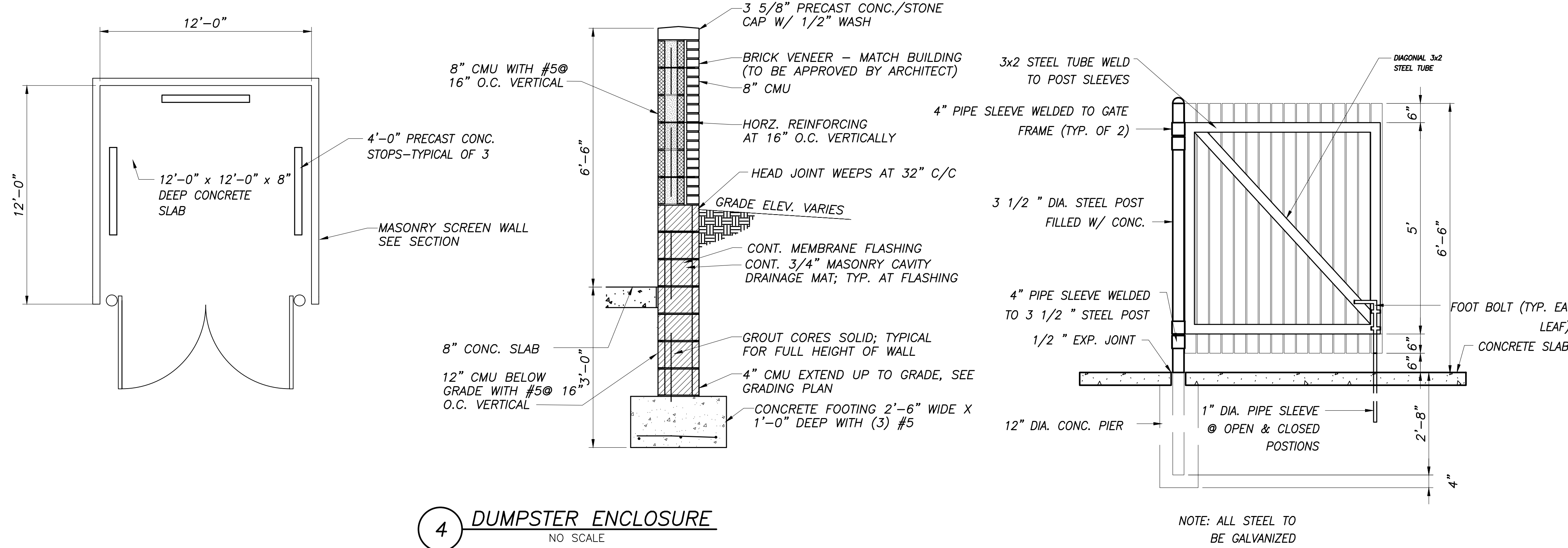
1 CURB & GUTTER DETAIL
NO SCALE



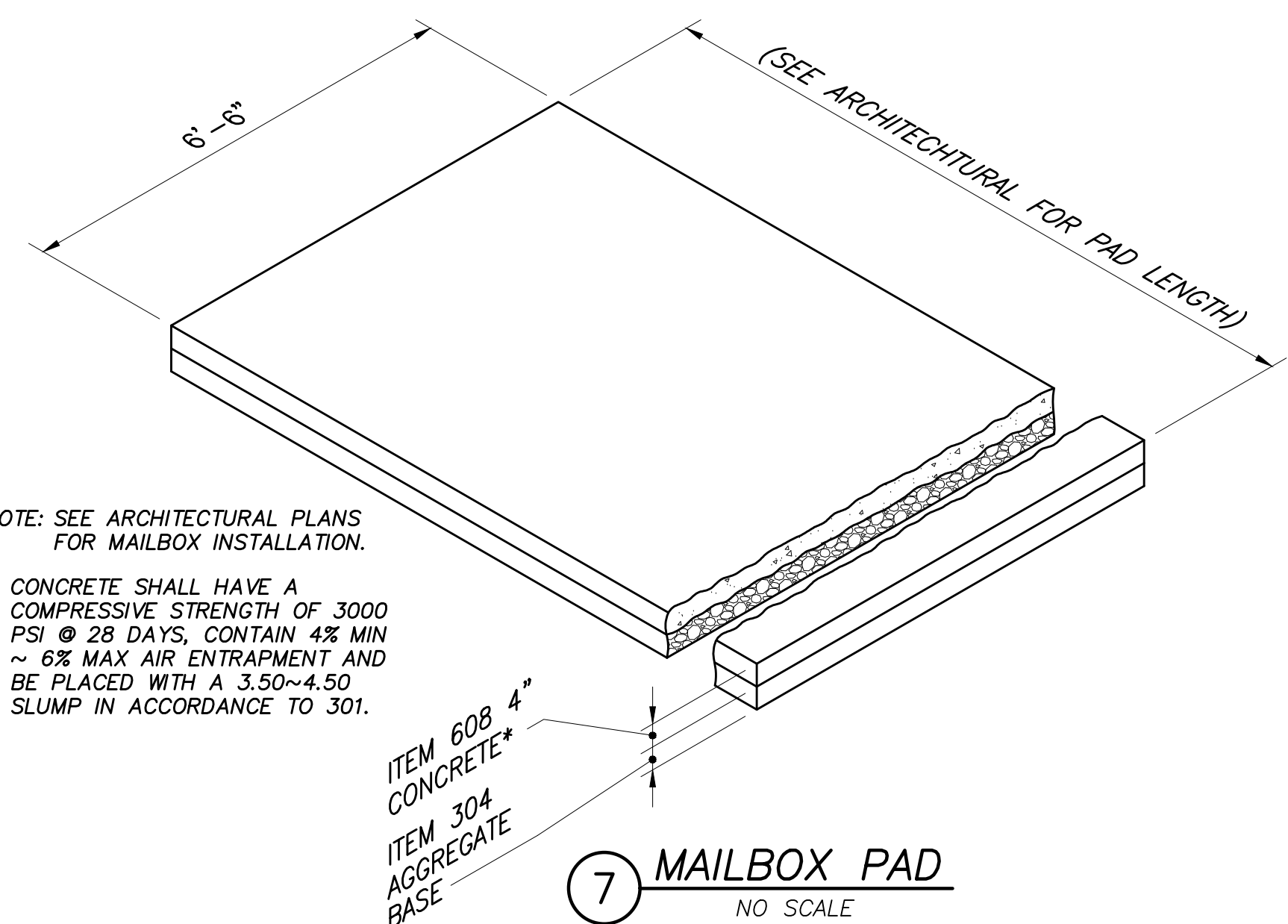
2 FLUSH CURB
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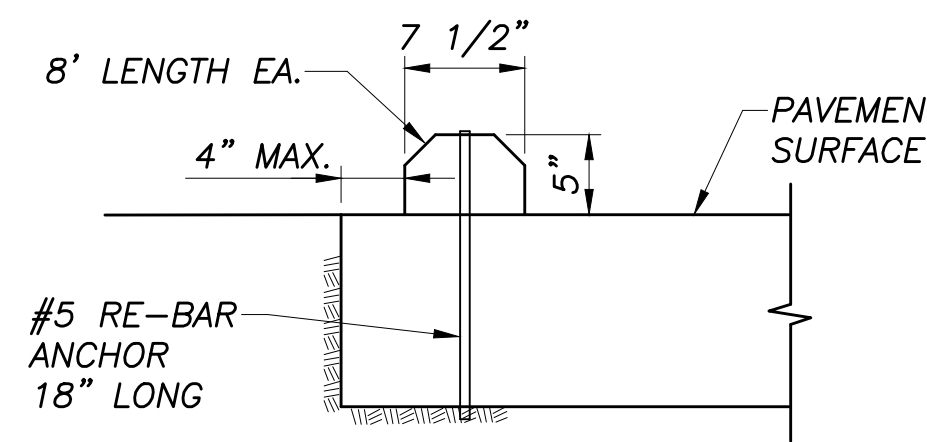
3 DUMPSTER ENCLOSURE
NO SCALE



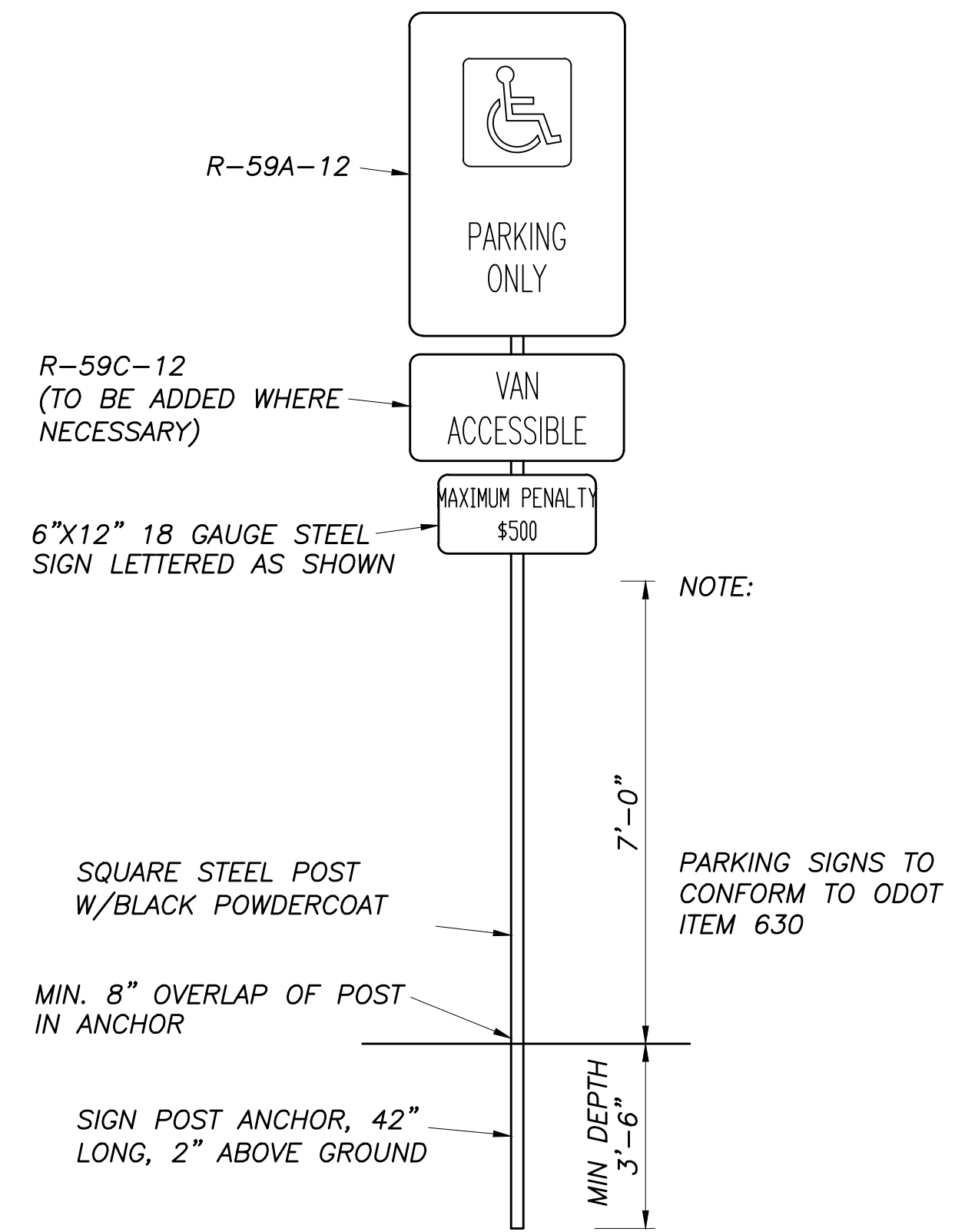
4 DUMPSTER ENCLOSURE
NO SCALE



7 MAILBOX PAD
NO SCALE



5 PARKING BLOCK DETAIL
N.T.S.



6 HANDICAP PARKING SIGN
NO SCALE

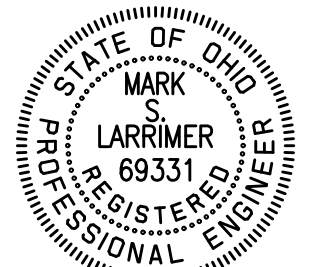
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#	1-29-21	ADDENDUM #1

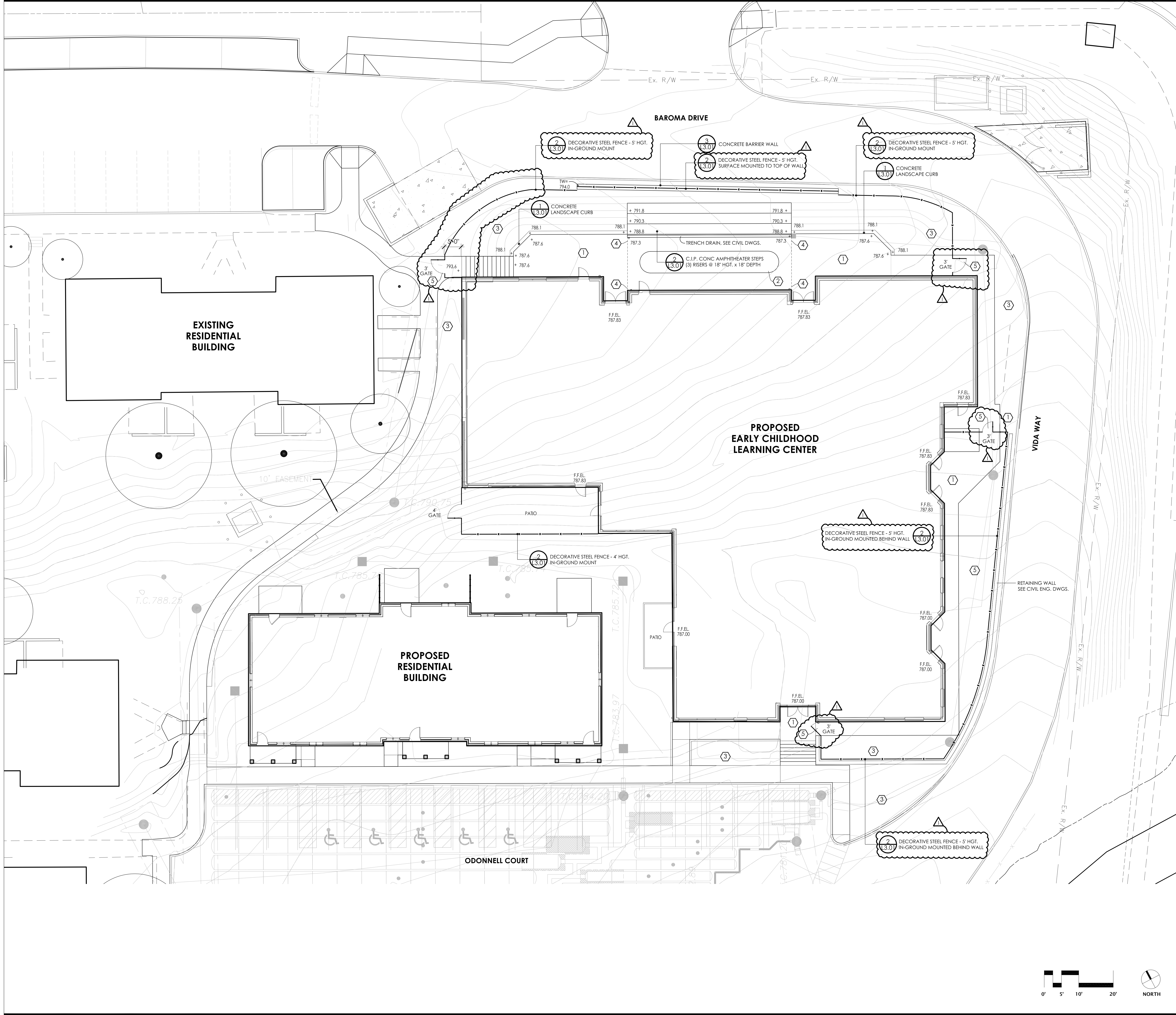
POST OAK STATION EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
1383 VIDA WAY COLUMBUS, OHIO 43228
COLUMBUS METROPOLITAN HOUSING AUTHORITY

MOODY ENGINEERING
300 SPRUCE STREET SUITE 200 COLUMBUS, OHIO 43215
P: 614 280 8999
MOODY-ENG.COM

DRAWING TITLE: DETAILS

DATE: 1/25/2021	CHECKED BY:
DRAWN BY:	19087
C502	
CONSTRUCTION DOCUMENTS	





GENERAL LANDSCAPE NOTES:

1. EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
2. CONTRACTOR IS RESPONSIBLE FOR COST OF REPAIRS TO EXISTING CONDITIONS WHEN DAMAGED BY CONTRACTOR. REPAIR DAMAGES TO THE SATISFACTION OF THE CITY OF TOLEDO.
3. ALL PLANT MASSES TO BE CONTAINED WITHIN 3' DEEP HARDWOOD BARK MULCH BED.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN ALL LAWN AREAS.
5. FINE GRADE LAWN AREAS TO PROVIDE A SMOOTH AND CONTINUAL GRADE FREE OF IRREGULARITIES OR DEPRESSIONS.
6. CONTRACTOR SHALL SEED ALL AREAS DISTURBED DURING CONSTRUCTION. SEE PLAN.
7. ALL PLANTS SHALL MEET OR EXCEED STANDARDS SET IN THE U.S.A. STANDARD FOR NURSERY STOCK.
8. ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.
9. ALL PARKING LOT ISLANDS TO BE MULCHED UNLESS NOTED OTHERWISE.

CONSTRUCTION NOTES:

- ① CONCRETE SIDEWALK
- ② MULCHED SURFACE
- ③ LAWN/ LANDSCAPE AREA - SEE PLANTING PLAN
- ④ ALIGN EDGE OF AMPHITHEATER STEPS WITH FACE OF BUILDING.
- ⑤ PEDESTRIAN GATE - SEE DETAIL #8/L3.01.

EDGE

PLANNING • LANDSCAPE ARCHITECTURE • URBAN DESIGN
 330 WEST SPRING STREET, SUITE 350
 COLUMBUS, OHIO 43215
 614-486-3343

#	DATE	CHANGE DESCRIPTION
1	11/20/2020	BID/ PERMIT SET
1	01/29/2021	ADDENDUM 1

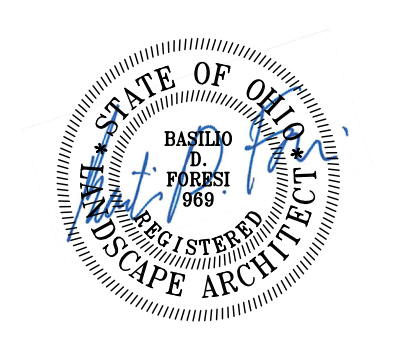
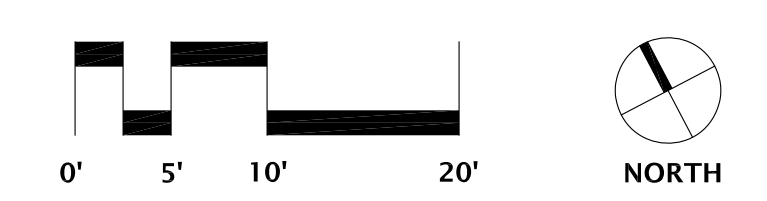
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 1385 VIDA WAY COLUMBUS, OHIO 43228
 FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

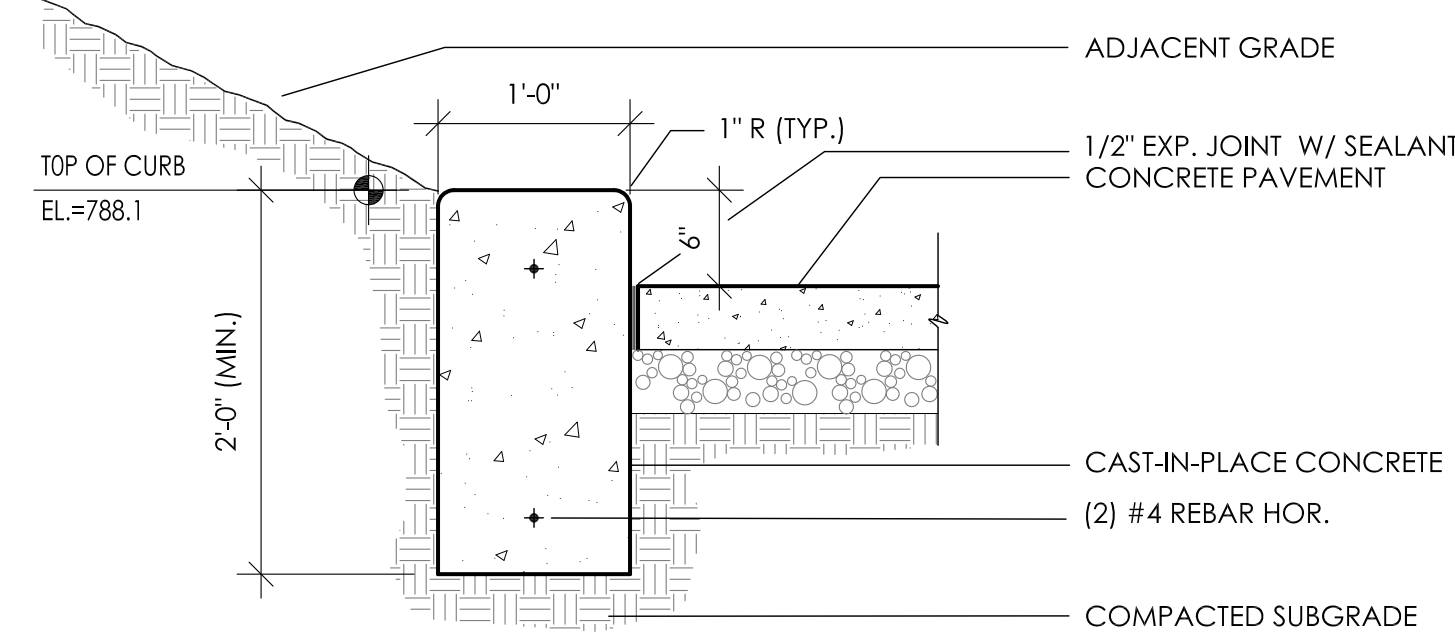
DRAWING TITLE:

LAYOUT PLAN

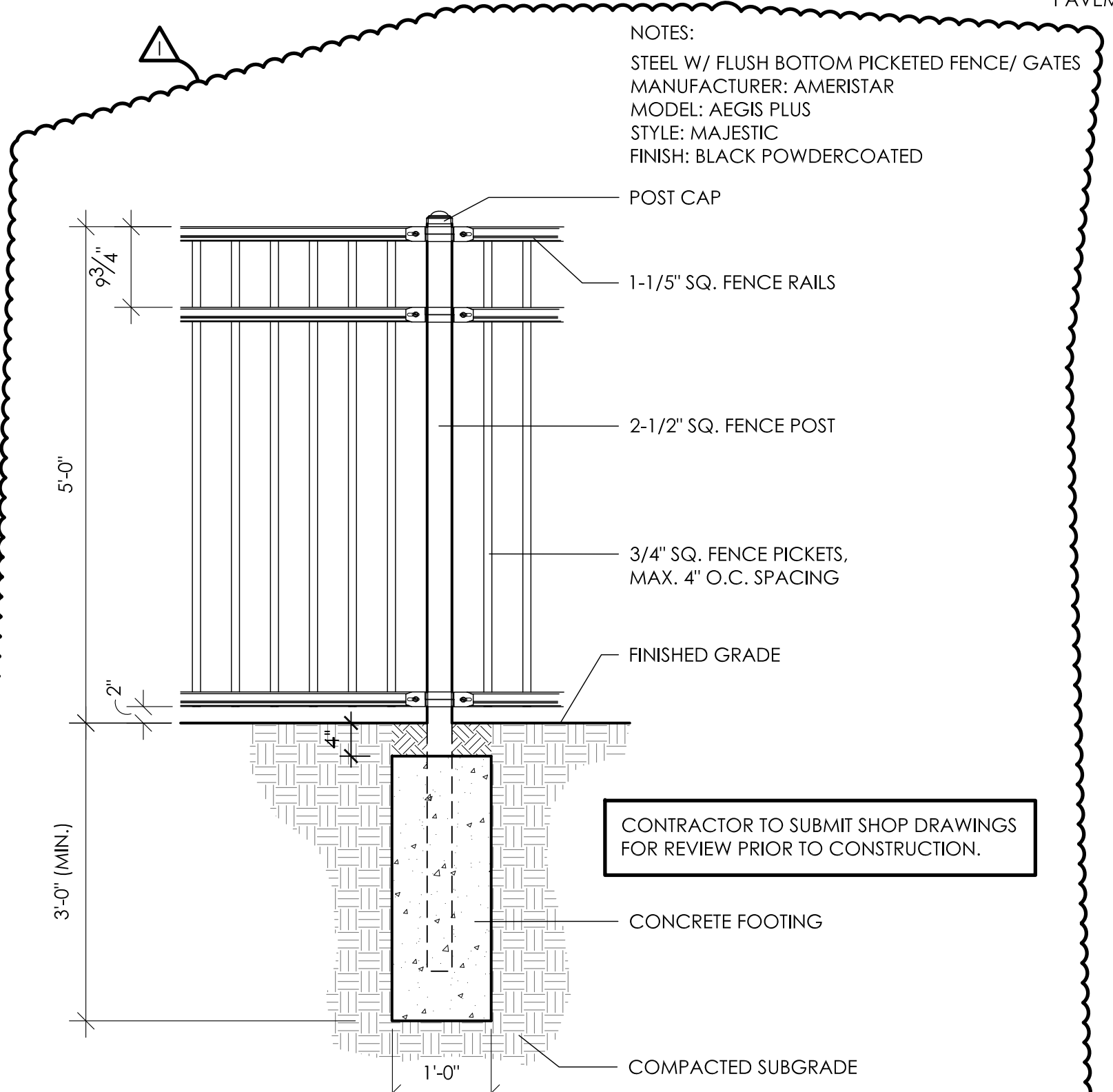
11-20-2020
 DRAWN BY: Author CHECKED BY: Checker
 Proj. #20047
L1.01
 BID/ PERMIT SET



CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.



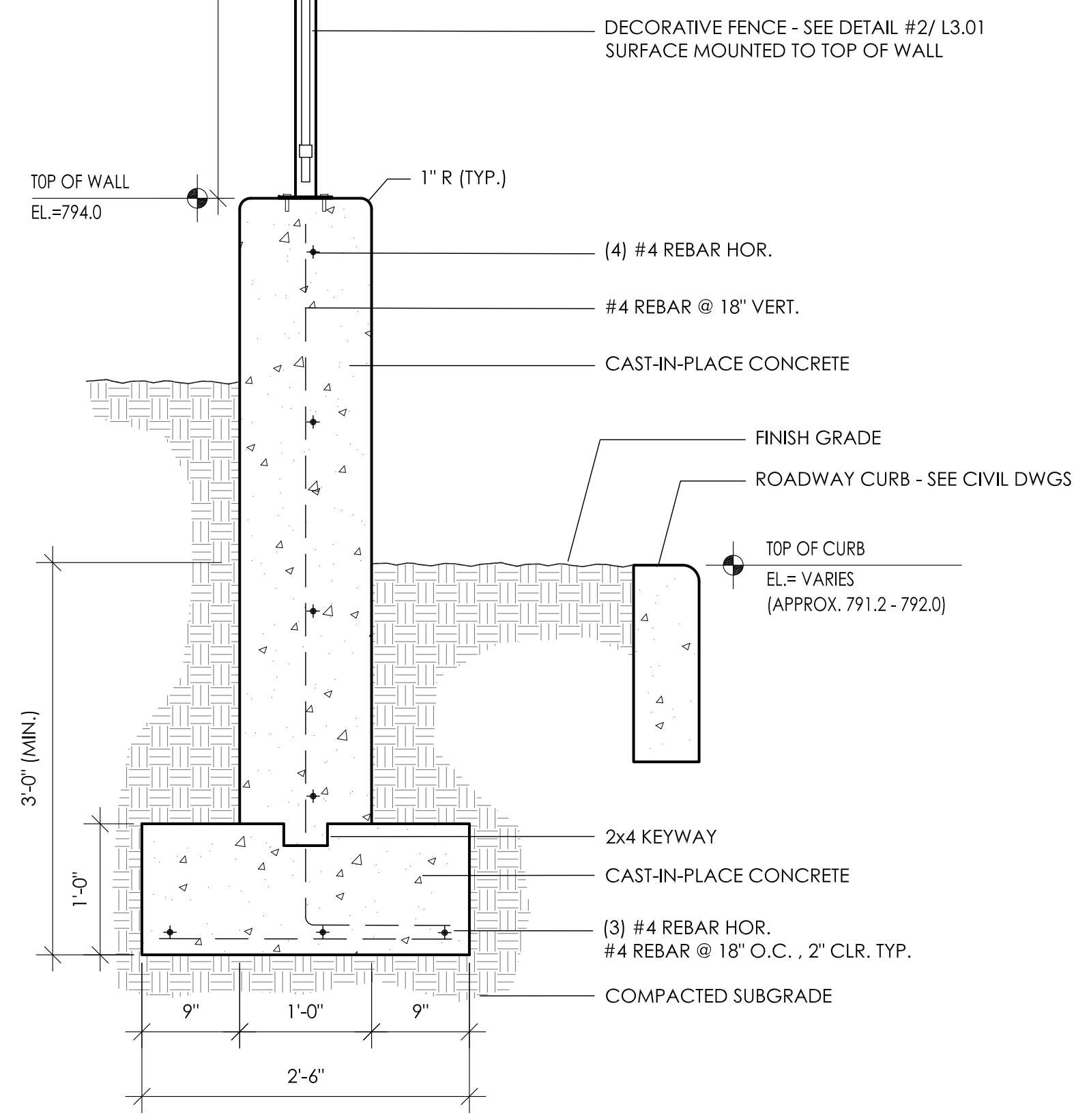
1 CONCRETE LANDSCAPE CURB
SCALE = 1"=1'-0"



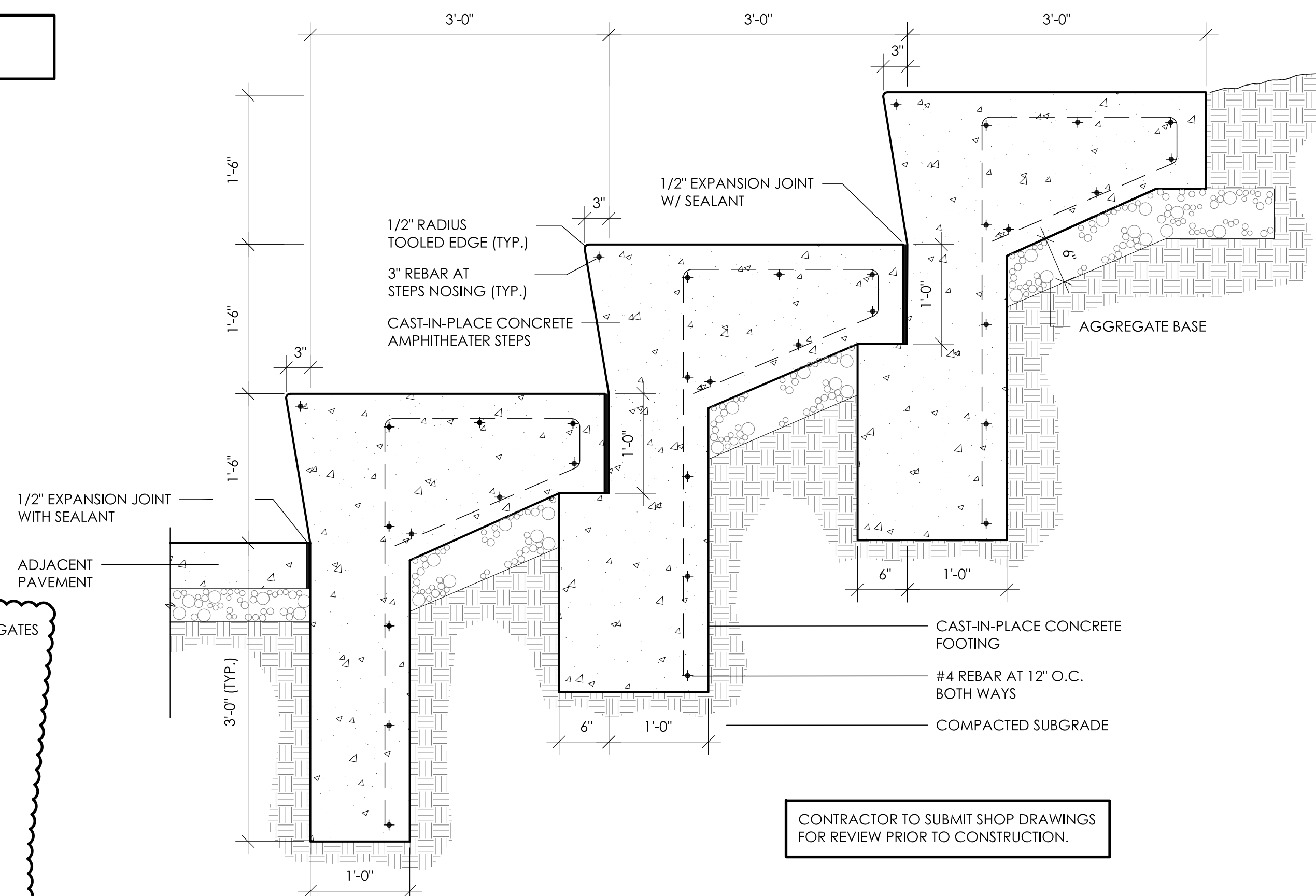
2 DECORATIVE STEEL FENCE
SCALE = NTS

CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.

NOTE:
1. RUB / GRIND FORM LINES OFF ALL EXPOSED SURFACES TO CREATE A SMOOTH FINISH.
2. PROVIDE ACID WASHED OR SANDBLASTED FINISH. MOCK UP ON SITE AND REVIEW WITH A/E PRIOR TO COMPLETION OF WORK.

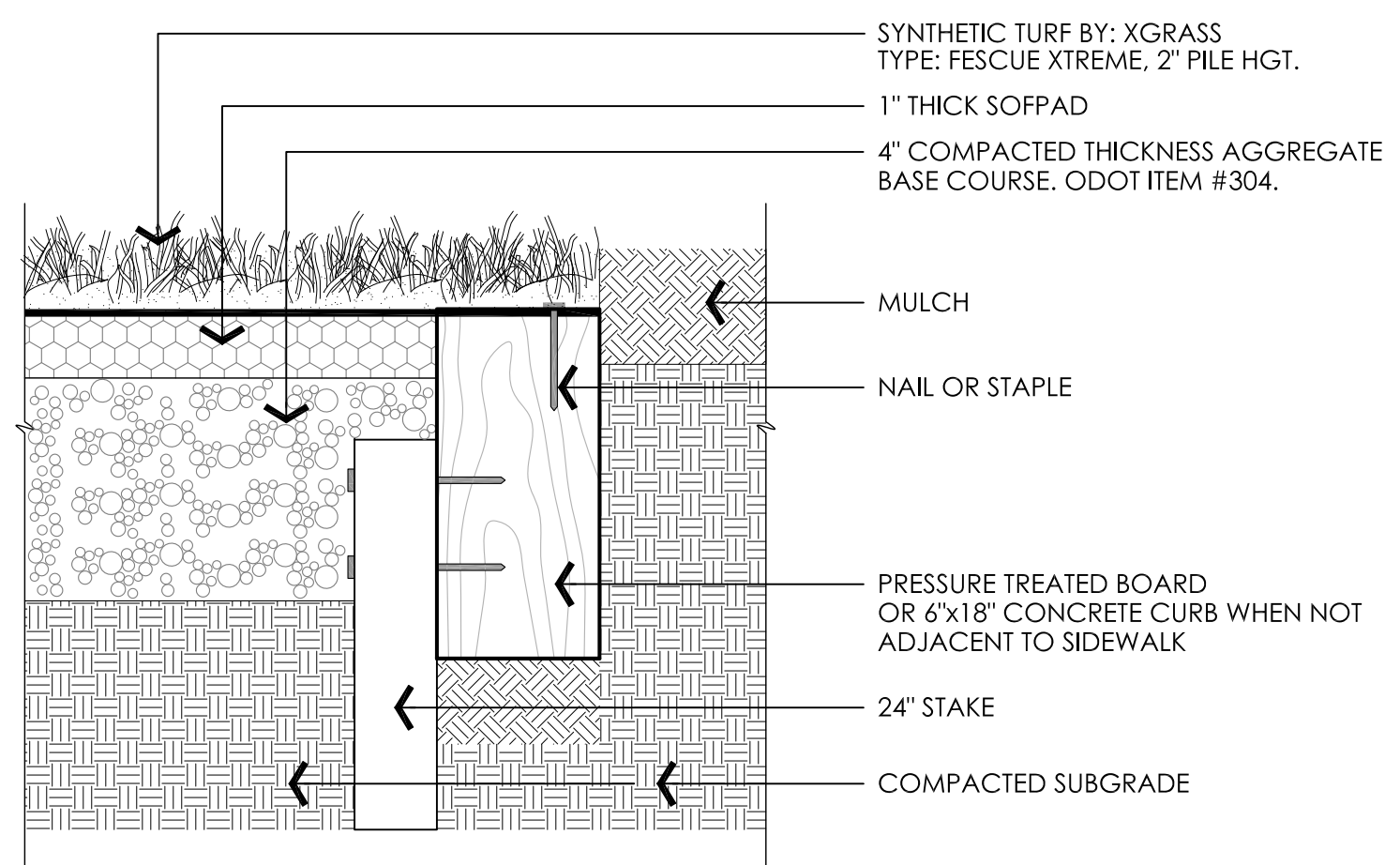


3 CONCRETE BARRIER WALL
SCALE = 1"=1'-0"



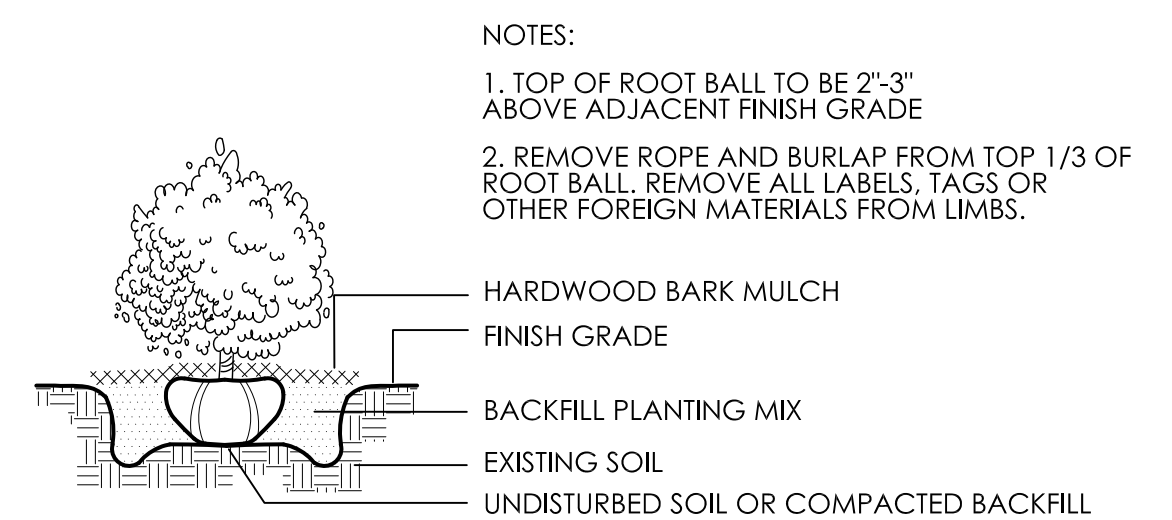
4 AMPHITHEATER STEPS
SCALE = 1"=1'-0"

CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.

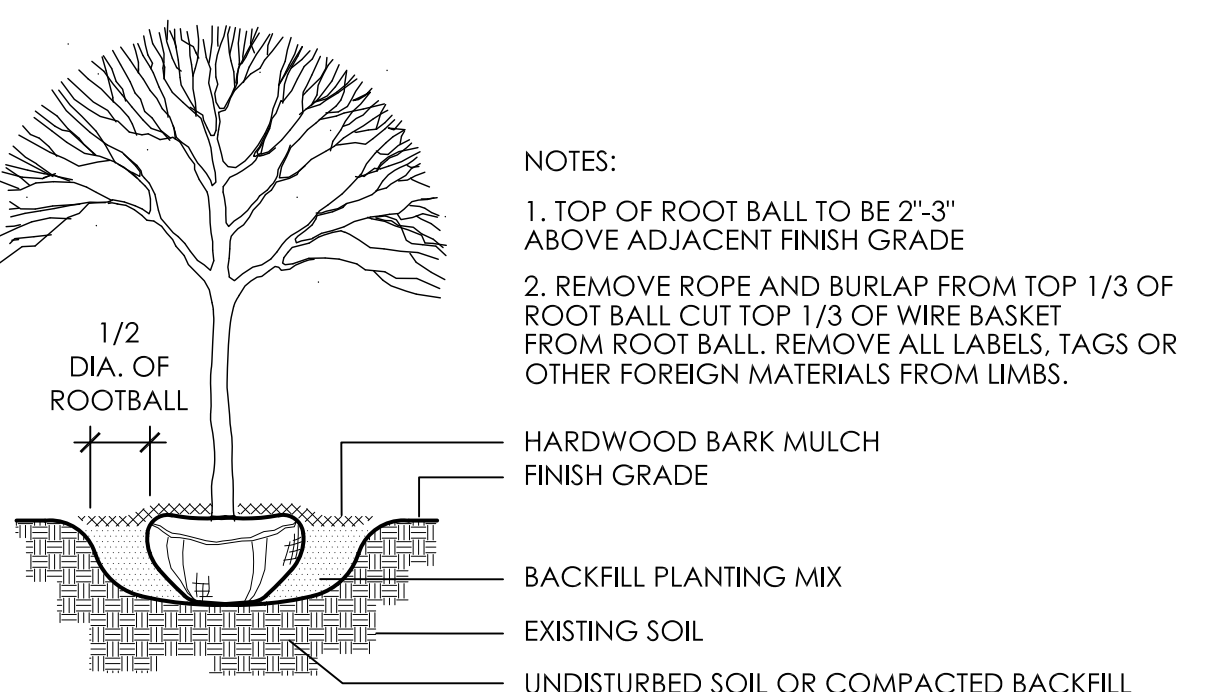


5 SYNTHETIC TURF
SCALE = NTS

NOTES:
1. PROVIDE AND INSTALL XGRASS SYNTHETIC TURF FOR PLAY AREAS - INSTALLATION OVER AGG. WITH NAILER BOARD WHERE NOT ADJACENT TO CONCRETE PAVEMENT.
2. DETAIL SHOWN FOR REFERENCE PURPOSES ONLY. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. INSTALL 6" UNDERDRAINS AS SHOWN ON PLAN TIE INTO NEAREST STORM STRUCTURE. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.



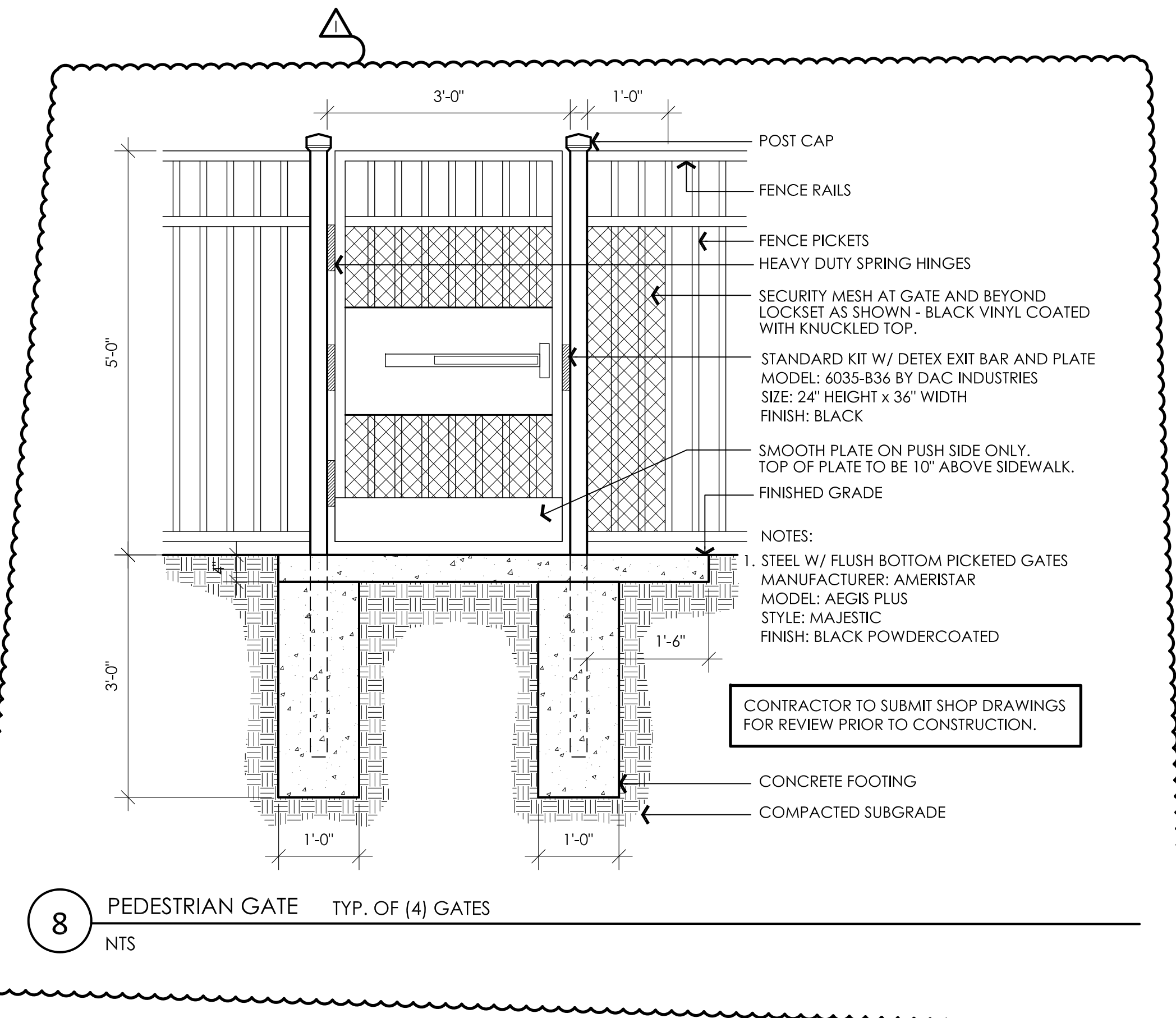
6 SHRUB PLANTING DETAIL
NTS



7 DECID. TREE PLANTING DETAIL
NTS

PLANT MATERIALS LIST NOTE: CONTRACTOR RESPONSIBLE FOR PLANT QUANTITIES SHOWN ON PLAN.

COMMON NAME	BOTANICAL NAME	SIZE	ROOT	REMARKS
SHADE TREES				
LACEBARK ELM	Ulmus parvifolia	2.5" Cal.	B&B	
ORNAMENTAL TREES				
FLOWERING DOGWOOD	Camus florida	1.75" Cal.	B&B	
EASTERN REDBUD	Cercis canadensis	1.75" Cal.	B&B	
SHRUBS				
IVORY HALO RED TWIG DOGWOOD	Camus alba 'Ballhalo'	30" Hgt.	CONT.	
EASTERN RED CEDAR	Juniperus virginiana	6' Hgt.	B&B	
SEA GREEN JUNIPER	Juniperus chinensis 'Sea Green'	30" Hgt.	CONT.	
GRO-LOW SUMAC	Rhus aromatica 'Gro-Low'	24" Spr.	CONT.	
MOHAWK VIBURNUM	Viburnum x burkwoodii 'Mohawk'	36" Hgt.	B&B	
BLACK CHOKEBERRY	Aronia melanocarpa 'Viking'	30"-36" Hgt.	B&B	
PERENNIALS / GRASSES / VINES / BULBS				
CREeping LILYTURF	Liriope spicata	1 QT.	CONT.	
DWARF FOUNTAIN GRASS	Pennisetum alopecuroides 'Hameln'	1 Gal.	CONT.	
KARL FORESTER FEATHER REED GRASS	Calamagrostis x acutiflora 'Karl Foerster'	2 Gal.	CONT.	



8 PEDESTRIAN GATE TYP. OF (4) GATES
NTS

CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.

EDGE

PLANNING • LANDSCAPE ARCHITECTURE • URBAN DESIGN
330 WEST SPRING STREET, SUITE 350
COLUMBUS, OHIO 43215
614-486-3343

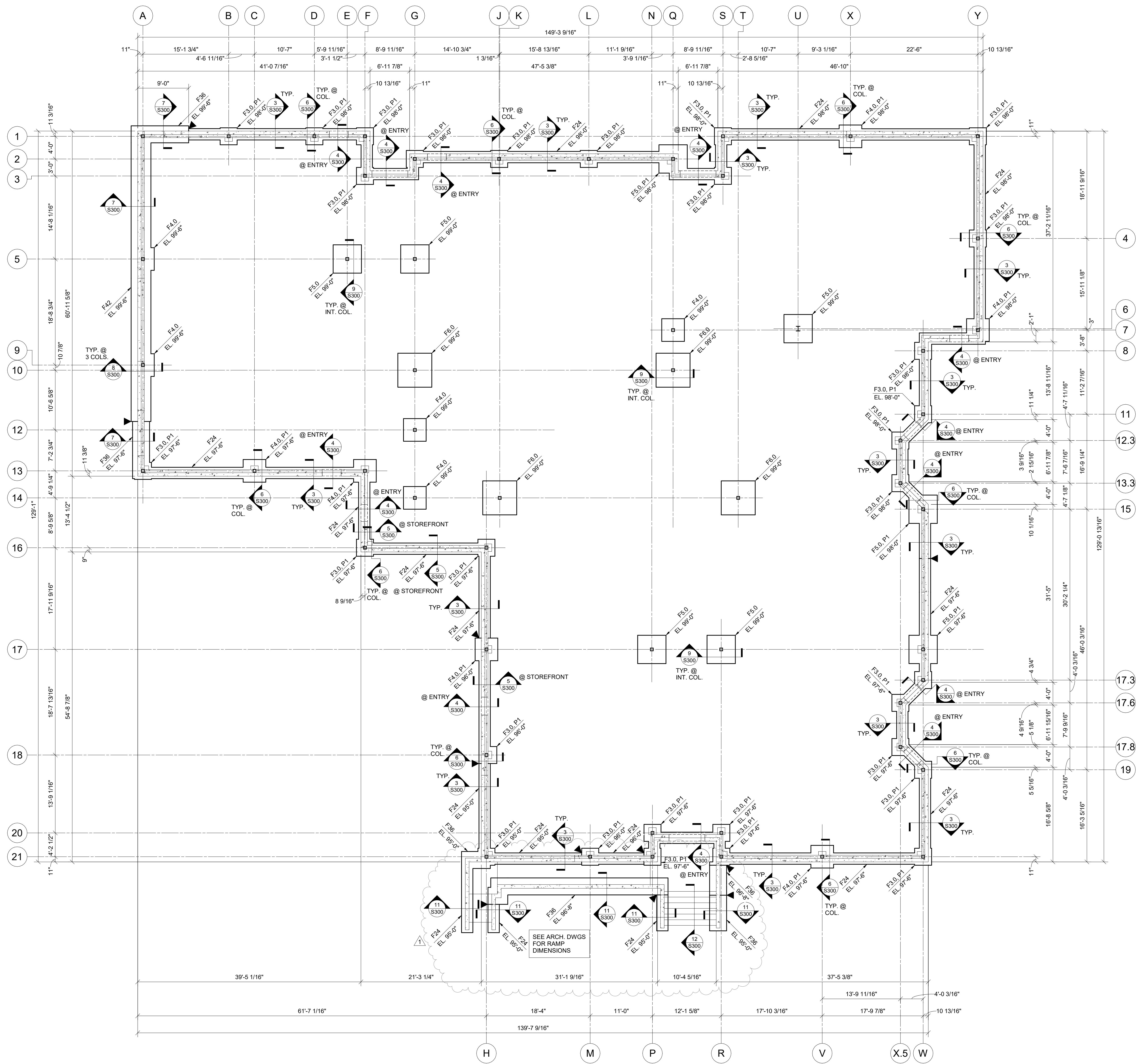
#	DATE	CHANGE DESCRIPTION
1	01/29/2021	BID/ PERMIT SET ADDENDUM 1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

SITE DETAILS

11-20-2020
DRAWN BY: Author | CHECKED BY: Checker
Proj. #20047
L3.01
BID/ PERMIT SET



FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION NOTES

- DESIGN SOIL BEARING PRESSURE = 2,000 PSF. SEE 90.00 FOR REFERENCE SOILS REPORT INFORMATION. REFER TO THE REPORT FOR ANY REQUIRED SITE BUILDING AND PREPARATION PRIOR TO FOUNDATION AND/OR SLAB-ON-GRADE CONSTRUCTION. FOOTING DIMENSIONS MAY BE ADJUSTED TO FIT INTO EXISTING FILL REGIONS IN ORDER TO BEAR ON SUITABLE MATERIAL. OVER EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE UP TO THE FINISHED BOTTOM OF FOOTING ELEVATION. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
- PROJECT IS LOCATED AT AN EXISTING, PREVIOUSLY DEMOLISHED BUILDING SITE. ALL EXISTING FOUNDATIONS AND REMOVED UNDERGROUND UTILITY WORK IS TO BE COMPLETELY REMOVED AND FILLED WITH LEAN CONCRETE OR COMPACTED ENGINEERED FILL.
- KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
- BOTTOM OF FOOTINGS ARE TO BE AT LEAST 36 INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
- ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS. COORDINATE ABSOLUTE ELEVATION OF TOP OF SLAB WITH SITE DRAWINGS.
- INDICATES FOOTING STEP. SEE 213.00 FOR INFORMATION.
- SEE SHEET 8101 FOR GENERAL STRUCTURAL INFORMATION.

CONT. WALL FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F24	2'-0" x 1'-0" DP.	(2) #5 CONT.
F36	3'-0" x 1'-0" DP.	(3) #5 CONT.
F42	3'-6" x 1'-0" DP.	(4) #5 CONT., #5 @ 18" O.C. TRANSVERSE

SPREAD FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F3.0	3'-0" x 3'-0" x 1'-0" DP.	(4) #4 E.W.
F4.0	4'-0" x 4'-0" x 1'-0" DP.	(5) #4 E.W.
F5.0	5'-0" x 5'-0" x 1'-0" DP.	(7) #4 E.W.
F6.0	6'-0" x 6'-0" x 1'-2" DP.	(7) #5 E.W.

#	DATE	CHANGE DESCRIPTION
1	11/20/2020	BID/PERMIT SET
1	1/22/2021	ADDENDA #1

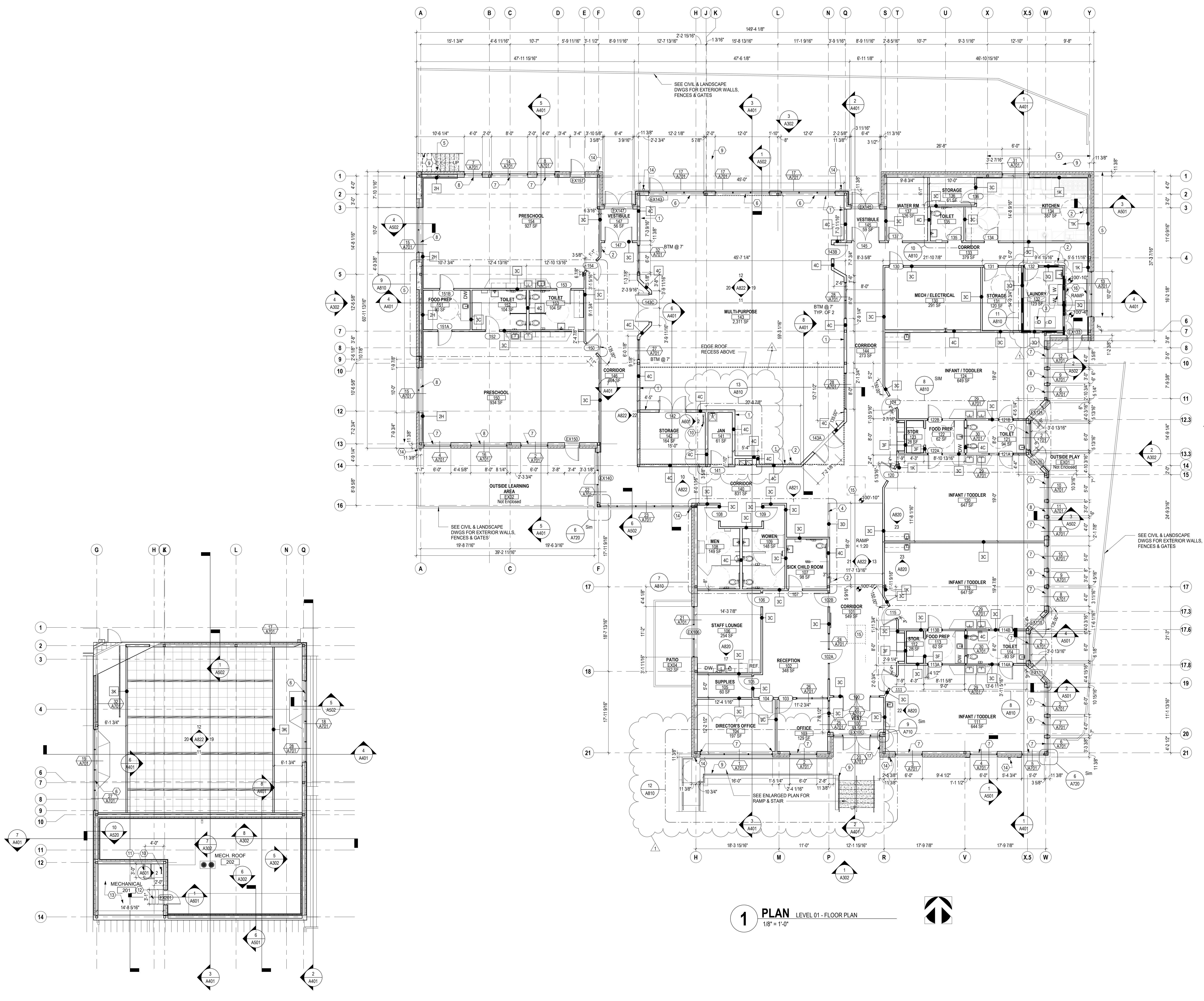
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 O'DONNELL COURT COLUMBUS, OHIO 43215
COLUMBUS METROPOLITAN HOUSING AUTHORITY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE: **FOUNDATION PLAN**

11/20/2020
 DRAWN BY: Author CHECKED BY: [Signature]
 Proj. #20047
S100
 BID/PERMIT SET

STATE OF OHIO
 ROBERT L. JOHNSON, JR.
 E-71804
 REGISTERED PROFESSIONAL ENGINEER



1 PLAN LEVEL 01 - FLOOR PLAN
 1/8" = 1'-0"

2 PLAN LEVEL 02 - MECH PLATFORM / MULTIPURPOSE RM - CLERESTORY
 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

- ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).
- SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL STEEL REINFORCING IN WALL & FLOOR CONSTRUCTION.
- SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS.
- SEE ELEVATIONS AND STRUCTURAL DRAWINGS FOR LOCATIONS OF EXPANSION & CONTROL JOINTS. CONTRACTOR SHALL PROVIDE ADDITIONAL INTERIOR CONTROL JOINTS AS REQUIRED TO COMPLY WITH MAXIMUM SPACING REQUIREMENTS IN SPECIFICATIONS AND NATIONAL MASONRY INSTITUTE.
- MECHANICAL & ELECTRICAL EQUIPMENT SHALL BE ON HOUSEKEEPING PADS ON FIRST FLOOR. PADS ARE TO BE PROVIDED BY THE TRADE SUPPLYING THE EQUIPMENT. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. WORK TO BE COORDINATED THROUGH THE GENERAL TRADES CONTRACTOR. PADS 4" MIN. 4" THICK W/W.F.F. (UNLESS NOTED OTHERWISE).

CODED NOTE LEGEND

- IMPACT-RESISTANT GYPSUM BO TO 4 HIGH IN MULTI-PURPOSE ROOM.
- FIRE EXTINGUISHER & SEMI-RECESSED CABINET.
- WASHERS AND DRYERS - OWNER FURNISHED. PROVIDE ALL REQUIRED UTILITY REQUIREMENTS PER MEP DRAWINGS.
- PARTIAL HEIGHT WALL 2'-8" H AT TOP OF RAMP.
- FOUNDATION WALL WATERPROOFING. SEE WALL SECTIONS AND DETAILS.
- MOTORIZED DUAL ROLLER SHADES WITH SHADE FABRIC SF-1 & SF-2. IN CLERESTORY WINDOWS OF MULTIPURPOSE ROOM. WALL CONTROL SWITCH FOR EACH SEPARATE DIRECTION (NORTH, EAST & WEST) SEE SPECIFICATIONS.
- MANUAL SINGLE ROLLER SHADES WITH SHADE FABRIC SF-1. SEE SPECIFICATIONS.
- MOTORIZED SINGLE ROLLER SHADE WITH SHADE FABRIC SF-1. SEE SPECIFICATIONS.
- FOR EXTERIOR ADA RAMPS & STAIRS SEE CIVIL DRAWINGS T/C5 OF FOR DETAILS. PROVIDE HANDRAILS ON BOTH SIDES OF RAMP AND STAIR WITH AN INTERMEDIATE HANDRAIL IN THE MIDDLE OF THE STAIR.
- LADDER - SEE DETAIL ON A601.
- GUARDRAILING - SEE DETAIL ON A601.
- SHIP LADDER. SEE DETAILS ON A601.
- 3/4" FRT PLYWOOD FLOOR COVERING OVER STRUCTURAL MTL DECKING.
- DOWNSPOUT WITH BOOT - TIE INTO STORM SYSTEM - SEE CIVIL DRAWINGS.
- SKYLIGHT ABOVE CENTERED IN CORRIDOR - SEE CEILING PLAN.
- WALL MOUNTED HANDRAIL BOTH SIDES OF RAMP. EXTEND 1 PAST T&B OF RAMP.
- KNOX BOX. APPROVED BY FIRE DEPARTMENT. LOCATE AT MAIN ENTRY.

RATED WALL LEGEND

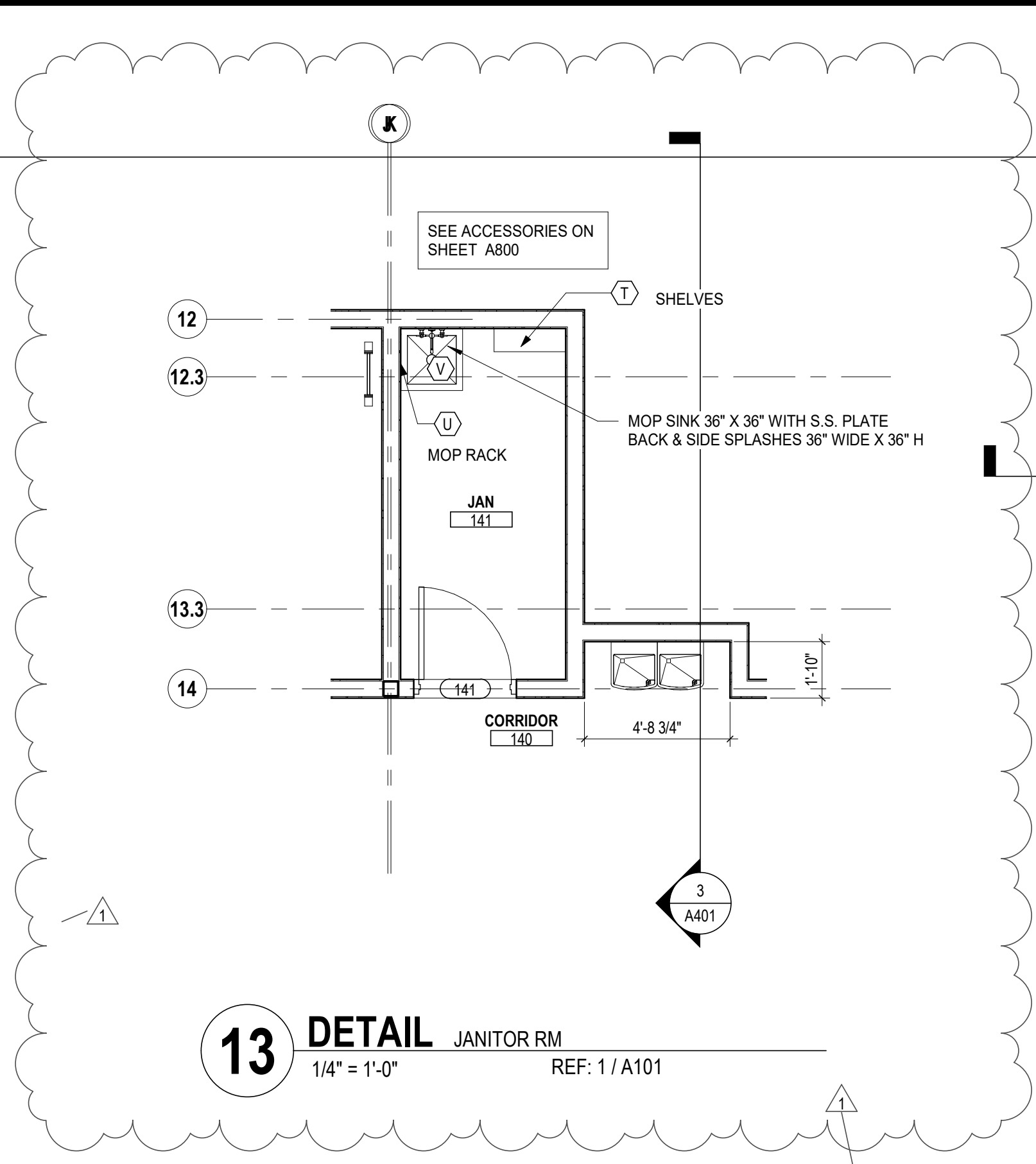
- NON-RATED SMOKE RESISTIVE PARTITION TO DECK
- 1 HOUR SMOKE RESISTIVE PARTITION TO DECK

#	DATE	CHANGE DESCRIPTION
1	01/28/21	ADDENDUM #1

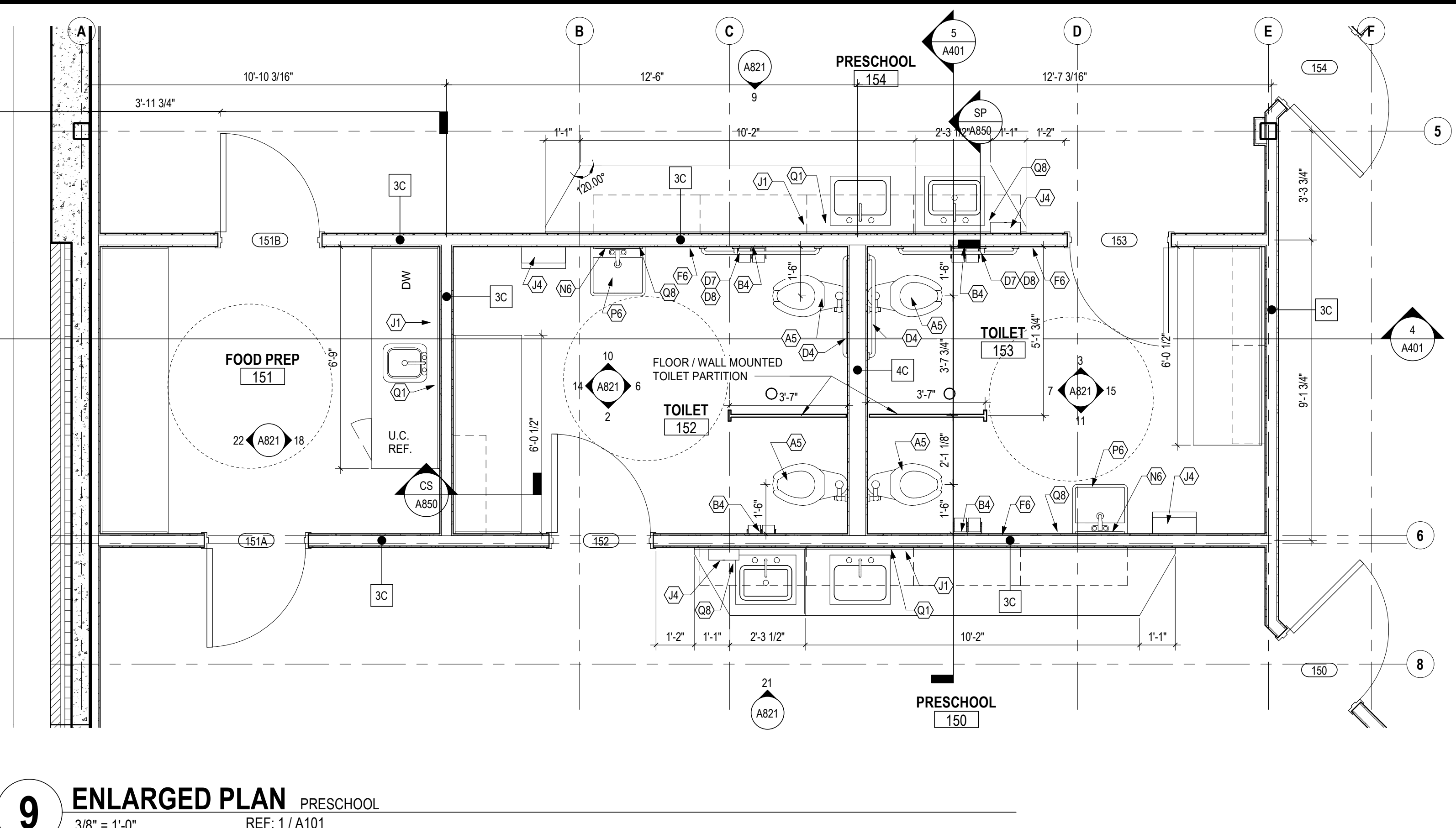
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

FLOOR PLAN

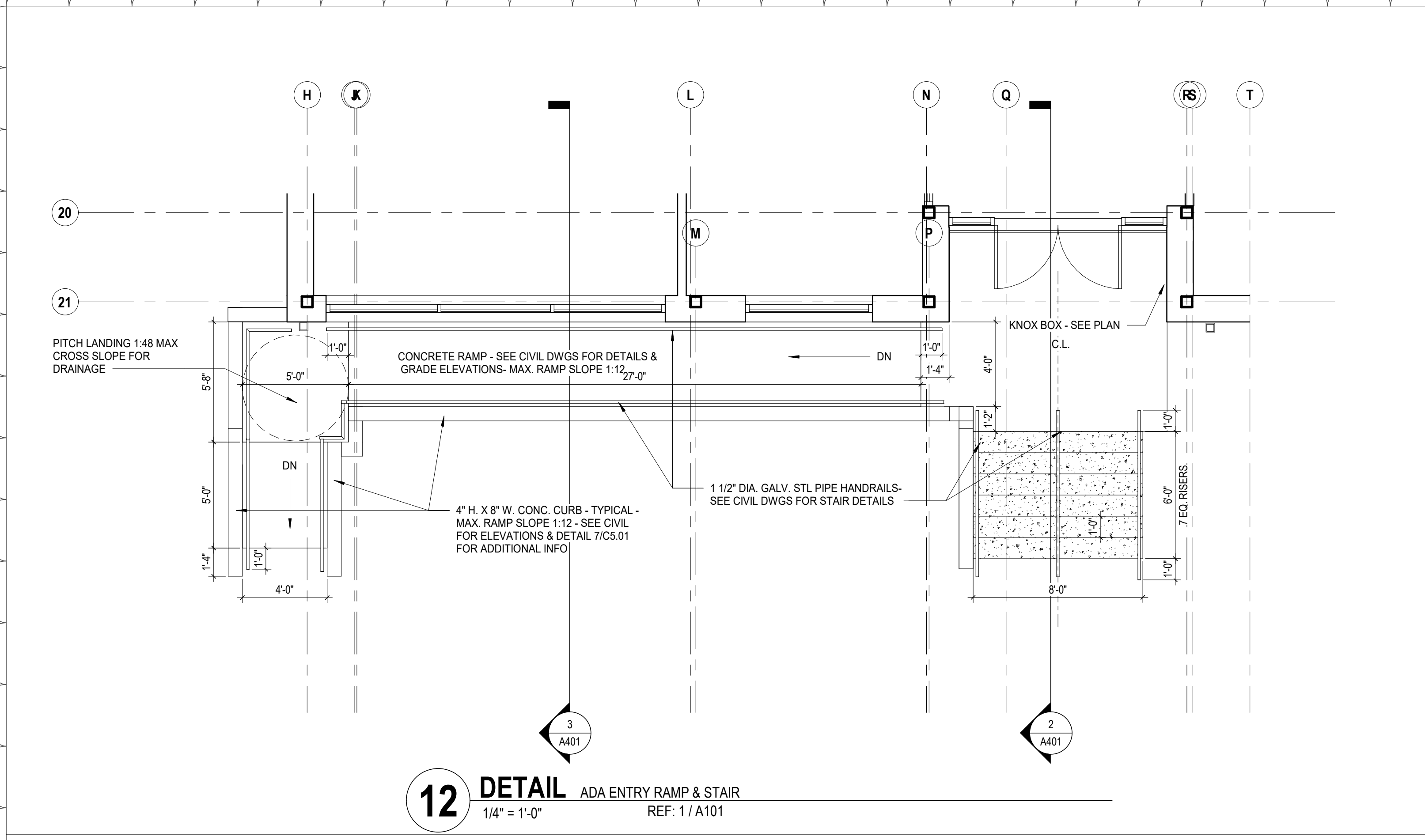
11-20-2020
 DRAWN BY: Author CHECKED BY: RKL
 Proj. #20047
A101
 BID & PERMIT SET
 JONATHAN D. MOODY, LIC. #1215709
 EXP. DATE: 12/31/2021



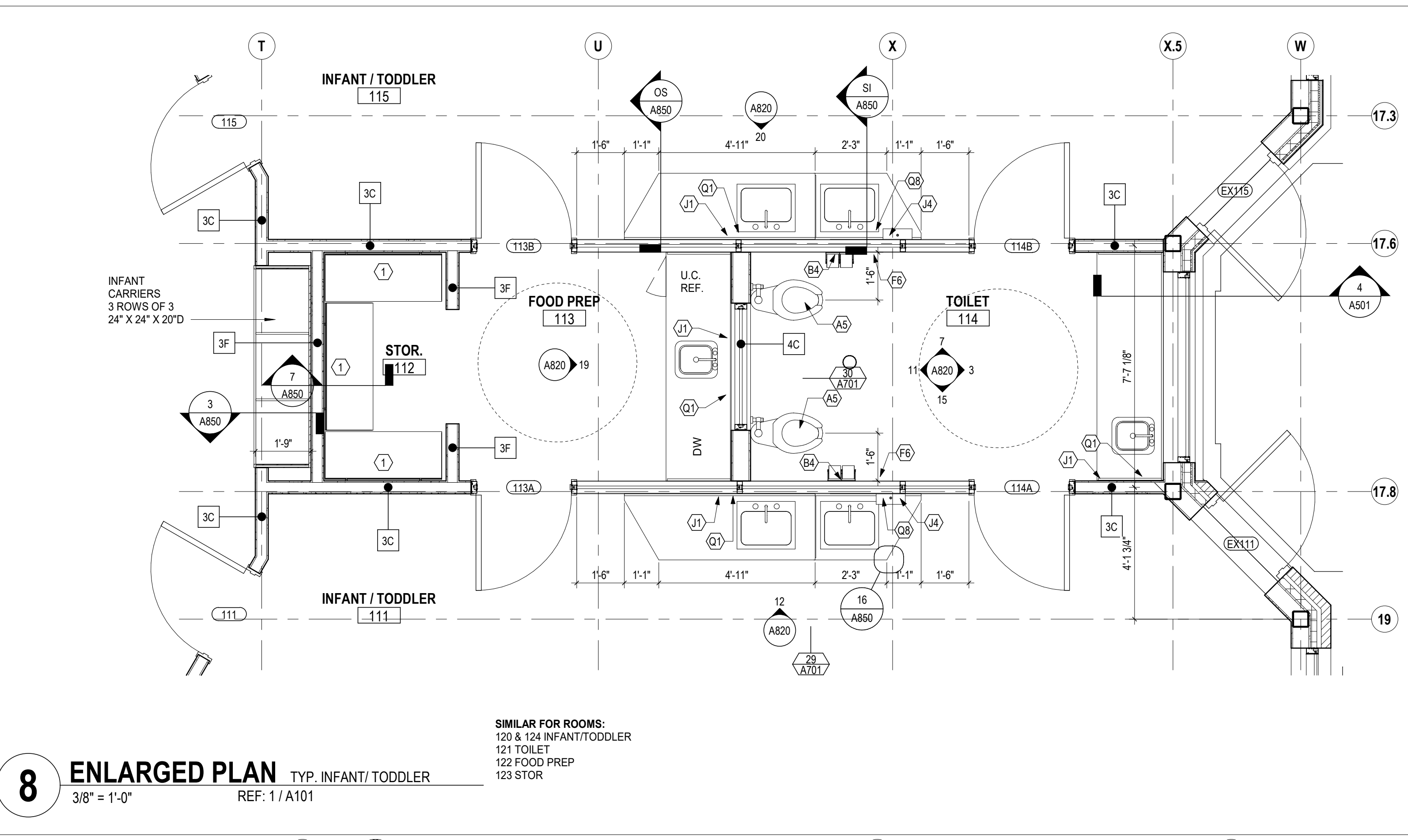
13 DETAIL JANITOR RM
 1/4" = 1'-0" REF: 1/A101



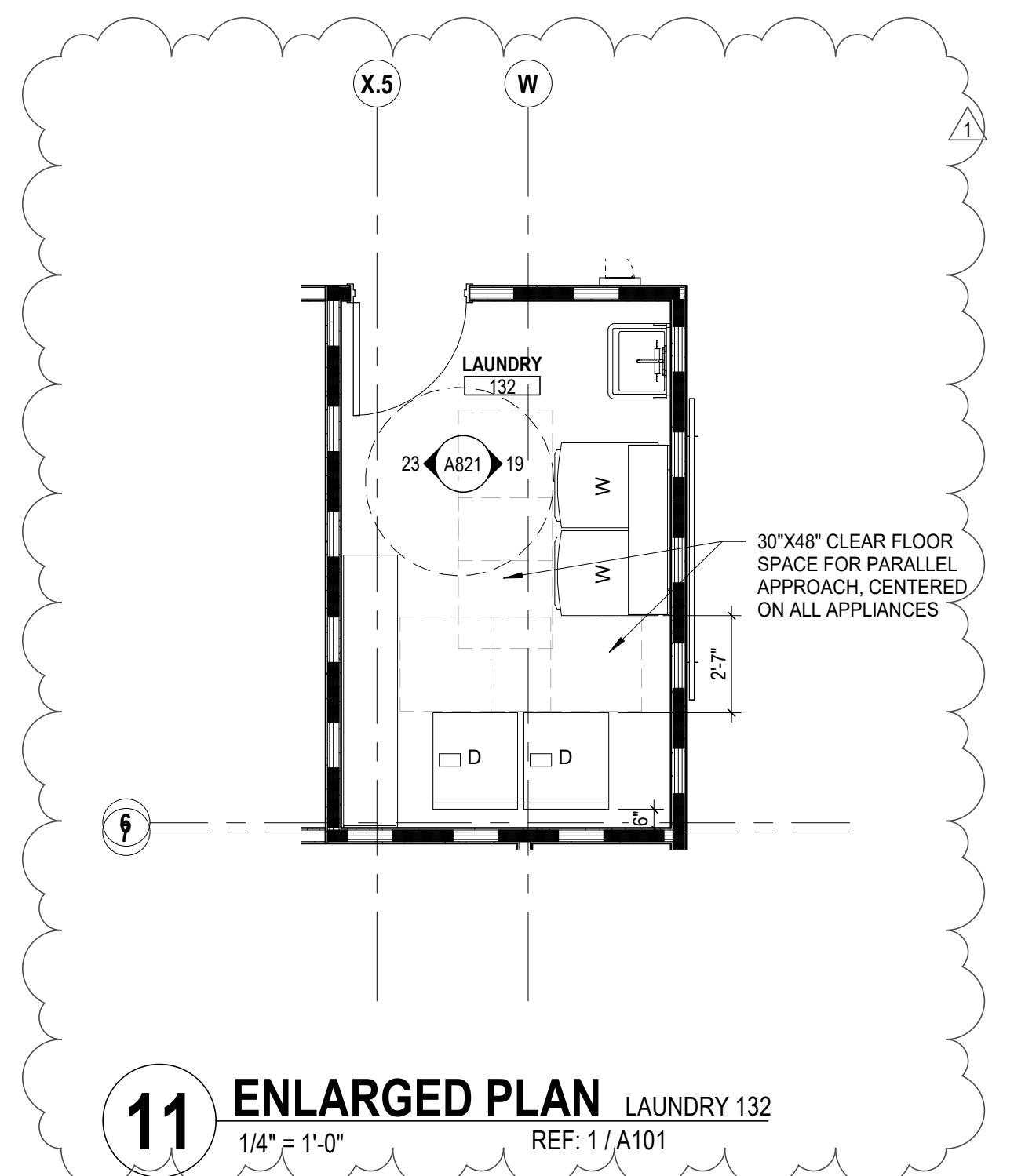
9 ENLARGED PLAN PRESCHOOL
 3/8" = 1'-0" REF: 1/A101



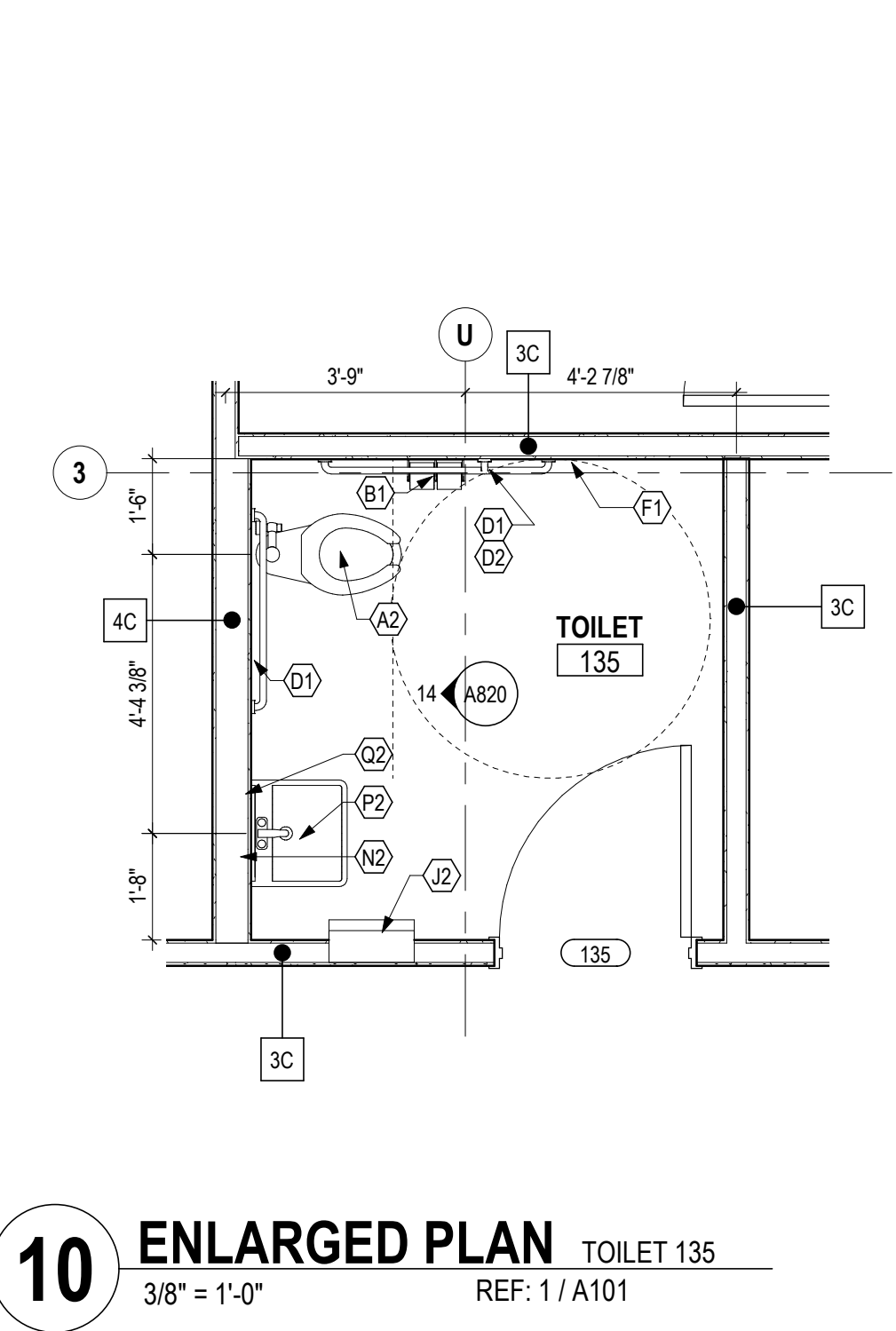
12 DETAIL ADA ENTRY RAMP & STAIR
 1/4" = 1'-0" REF: 1/A101



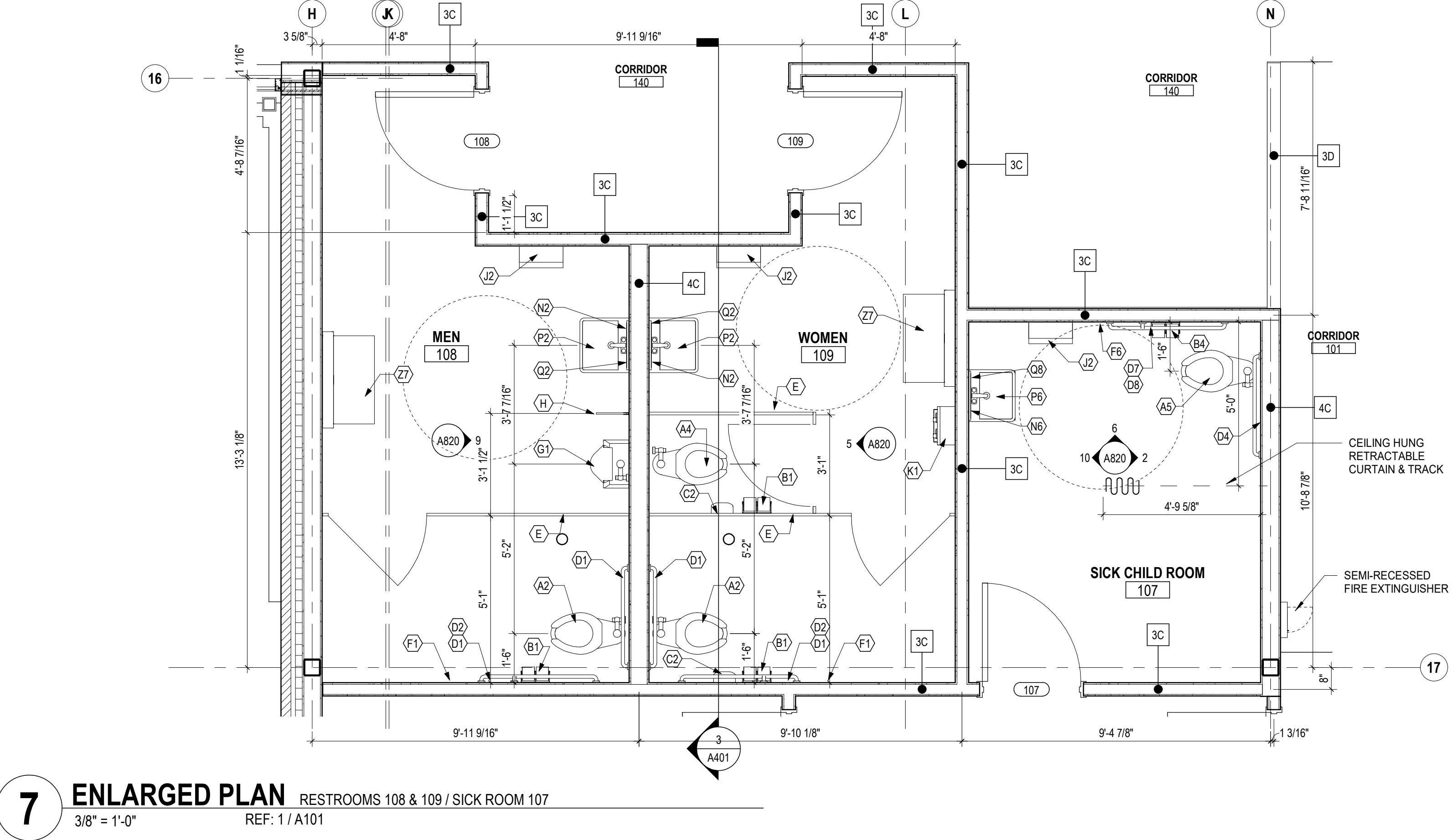
8 ENLARGED PLAN TYP. INFANT/TODDLER
 3/8" = 1'-0" REF: 1/A101



11 ENLARGED PLAN LAUNDRY 132
 1/4" = 1'-0" REF: 1/A101



10 ENLARGED PLAN TOILET 135
 3/8" = 1'-0" REF: 1/A101



7 ENLARGED PLAN RESTROOMS 108 & 109 / SICK ROOM 107
 3/8" = 1'-0" REF: 1/A101

CODED NOTES - ENLARGED PLANS

1. ADJUSTABLE WALL MOUNTED SHELVING ON HEAVY DUTY STANDARDS AND BRACKETS. PROVIDE BLOCKING IN WALLS. REFER TO DETAIL 7850.

TOILET ACCESSORIES CODED NOTES

NOTE: SEE SHEET A800 FOR SYMBOL TYPE AND MOUNTING HEIGHTS
 NOTE: SEE INTERIOR ELEVATIONS FOR ADDITIONAL TOILET ACCESSORIES LOCATED IN THE CLASSROOMS AT THE SINK LOCATIONS.
 NOTE: IN JANITOR ROOM 141 PROVIDE MOP HOLDER ACCESSORY TYPE "U"

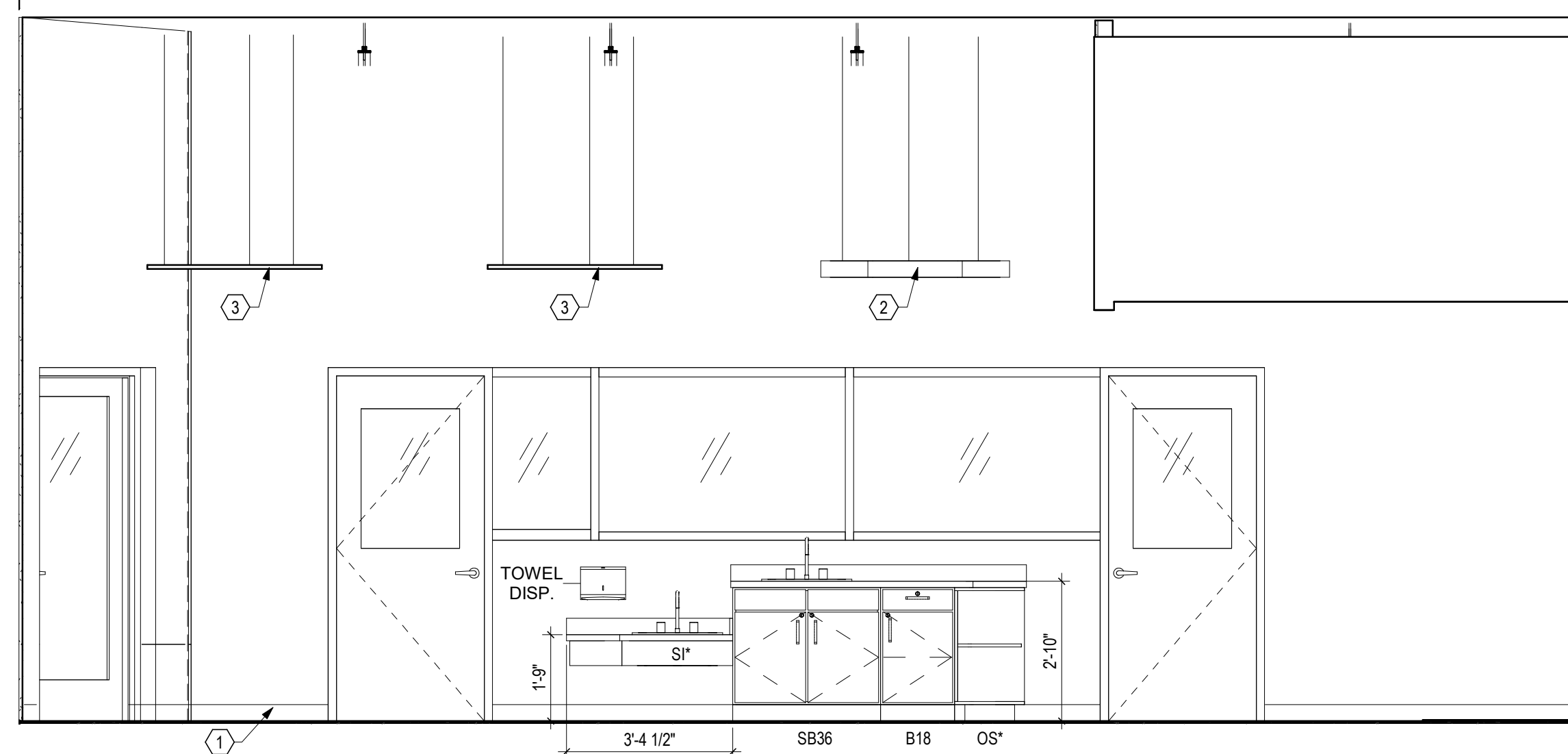
#	DATE	CHANGE DESCRIPTION
1	01/28/21	ADDENDUM #1

POST OAK EARLY LEARNING CENTER
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 3570 ODONNELL COURT COLUMBUS, OHIO
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ENLARGED PLANS

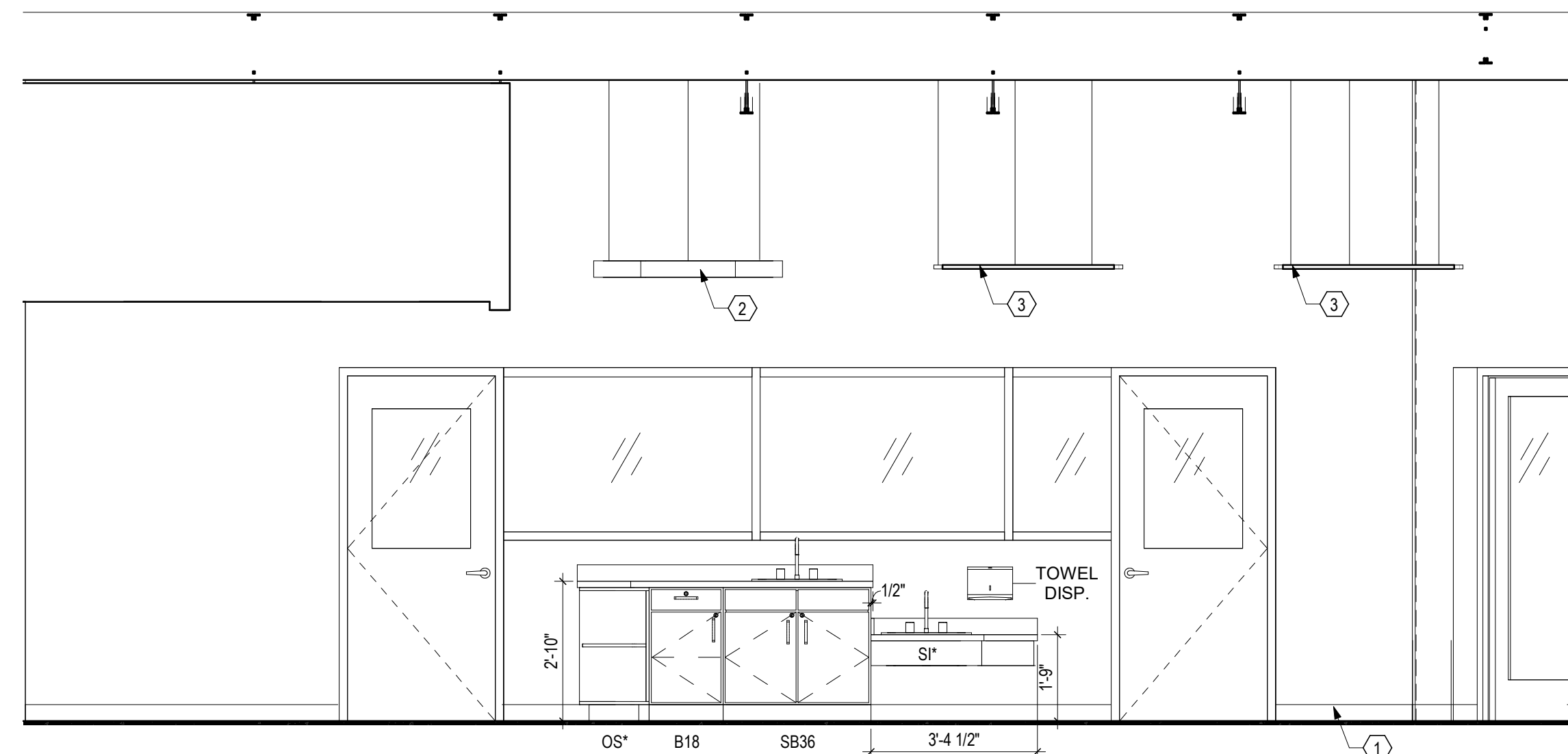
11-20-2020
 DRAWN BY: XXXX CHECKED BY: XXXX
 Proj. #20047
A810
 BID & PERMIT SET
 JONATHAN D. MOODY, LIC. #1215709
 EXP. DATE: 12/31/2021

CASEWORK:
 • PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES, PL-1 ON ALL EXPOSED SURFACES OF OPEN SHELVES
 • SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH



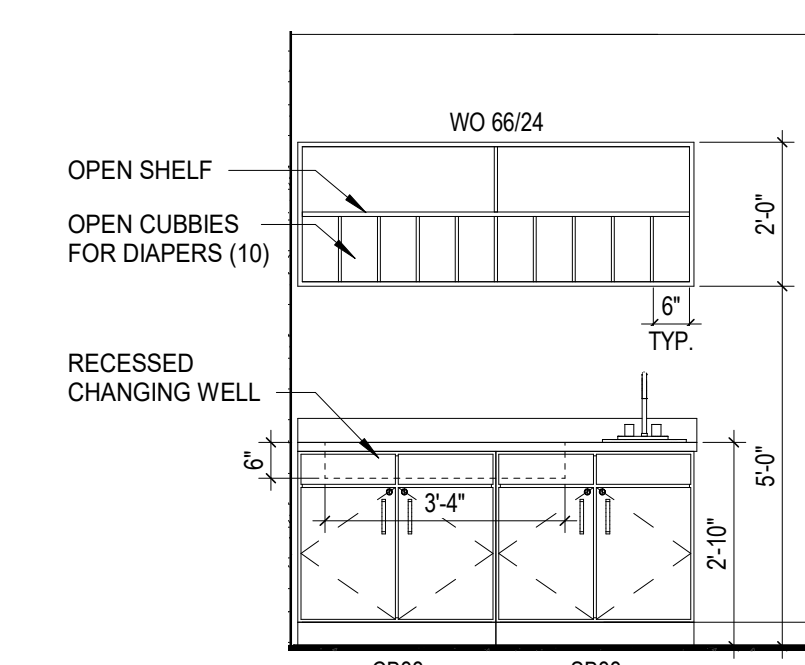
20 ELEVATION INFANT/TODDLER 115
 3/8" = 1'-0" REF: 8 / A810

CASEWORK:
 • PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES, PL-1 ON ALL EXPOSED SURFACES OF OPEN SHELVES
 • SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH



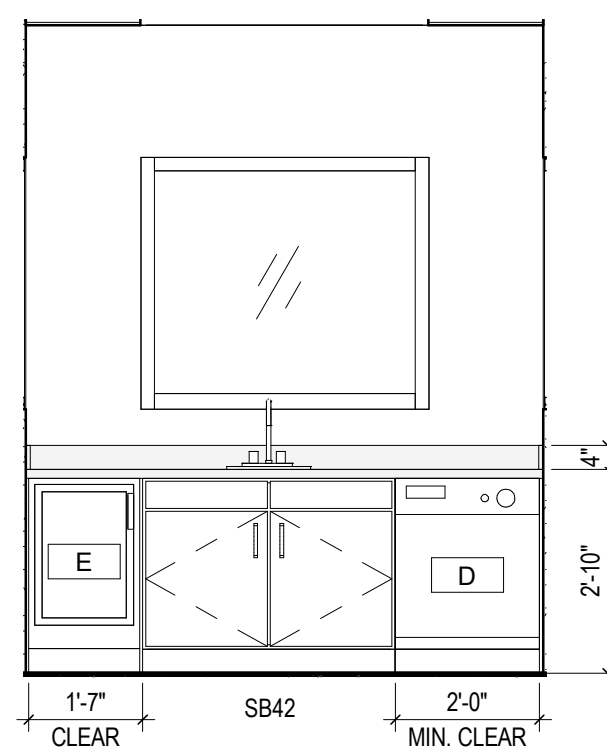
12 ELEVATION INFANT/TODDLER 111
 3/8" = 1'-0" REF: 8 / A810

CASEWORK:
 • PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
 • OPEN WALL CABINET WITH CUBBIES, PL-1 ALL EXPOSED SURFACES
 • SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH WITH SOLID SURFACE FORMED DIAPER CHANGING WELL
 • LOCKING DRAWERS/DRAWERS AS SHOWN

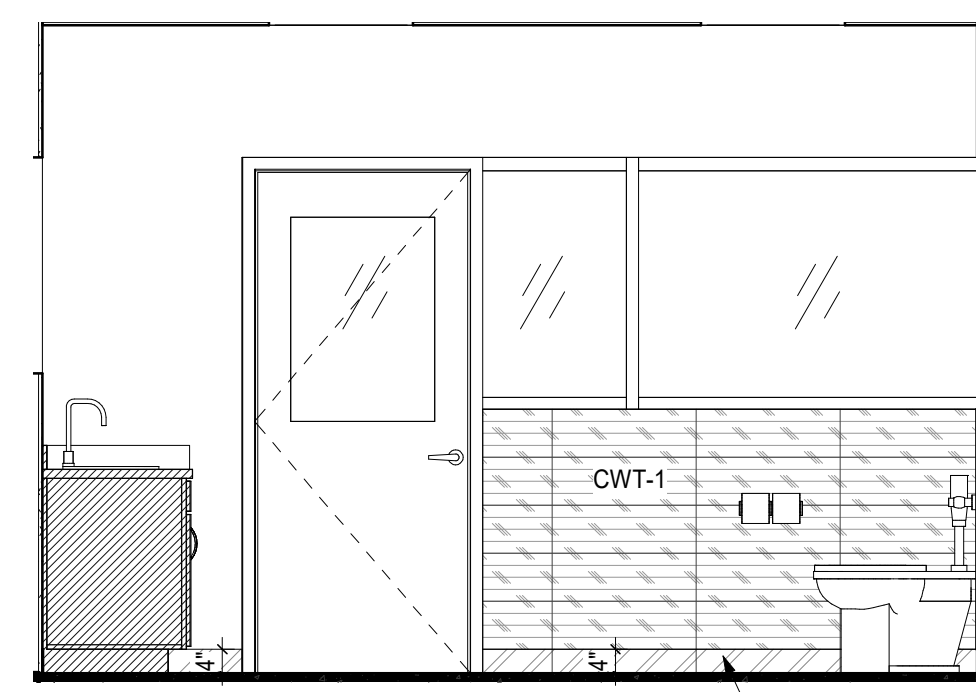


23 ELEVATION INFANT/TODDLER 115 - CHANGING
 3/8" = 1'-0" REF: 1 / A101

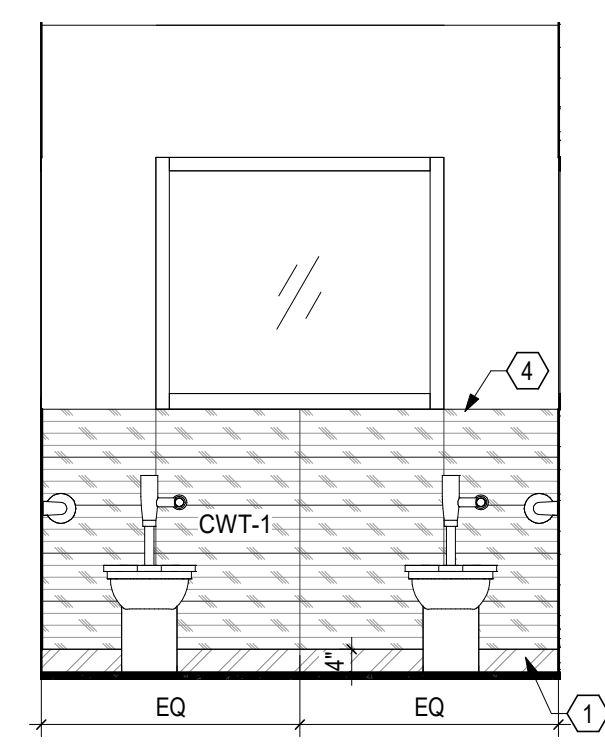
CASEWORK:
 • PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
 • SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH (TO UNDERSIDE OF WINDOW)



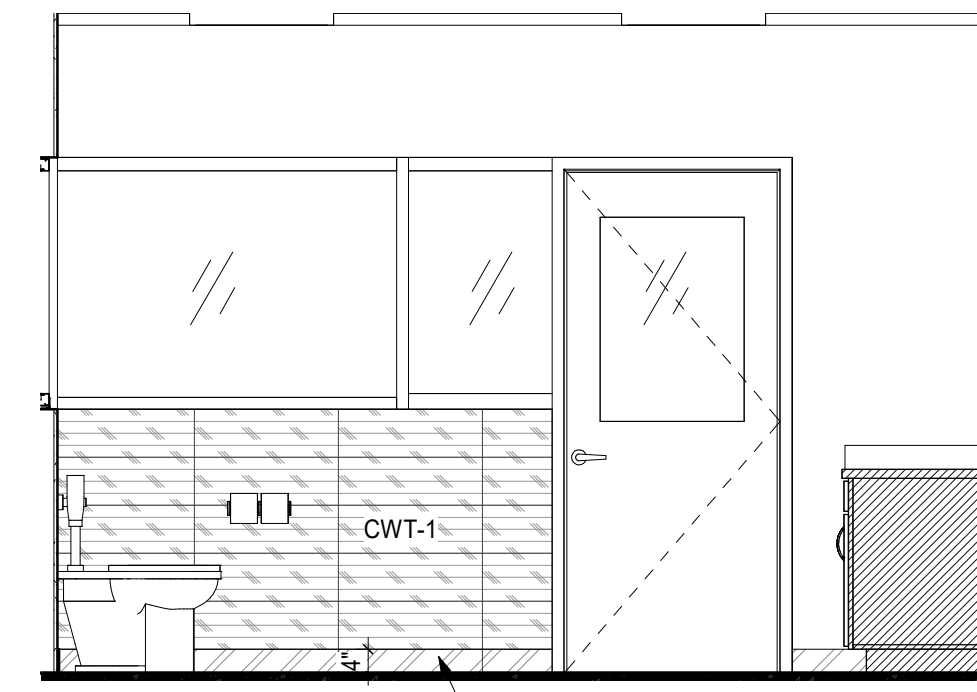
19 ELEVATION INFANT/TODDLER - FOOD PREP
 3/8" = 1'-0" REF: 8 / A810



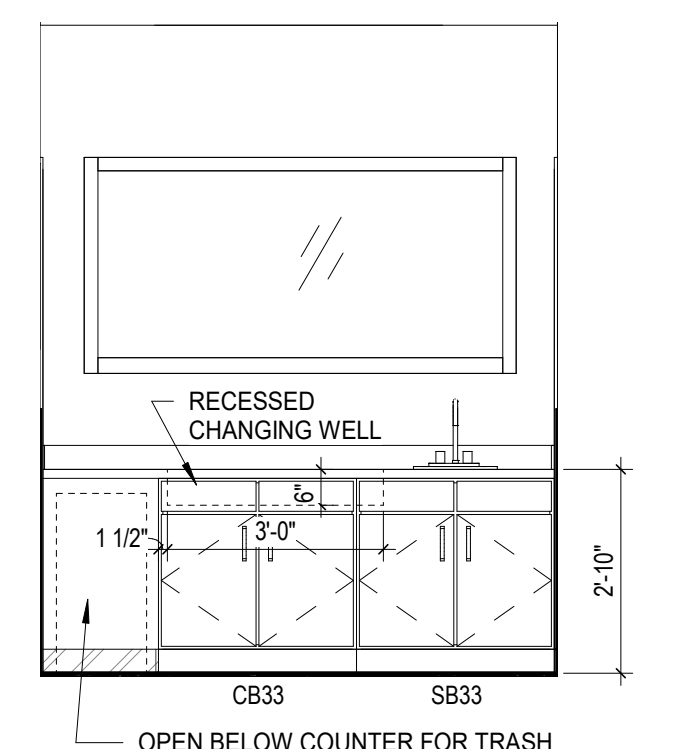
15 ELEVATION (SIMILAR FOR TOILET 121, WITH CWT-2)
 TOILET 114 - SOUTH
 3/8" = 1'-0" REF: 8 / A810



11 ELEVATION (SIMILAR FOR TOILET 121, WITH CWT-2)
 TOILET 114 - WEST
 3/8" = 1'-0" REF: 8 / A810

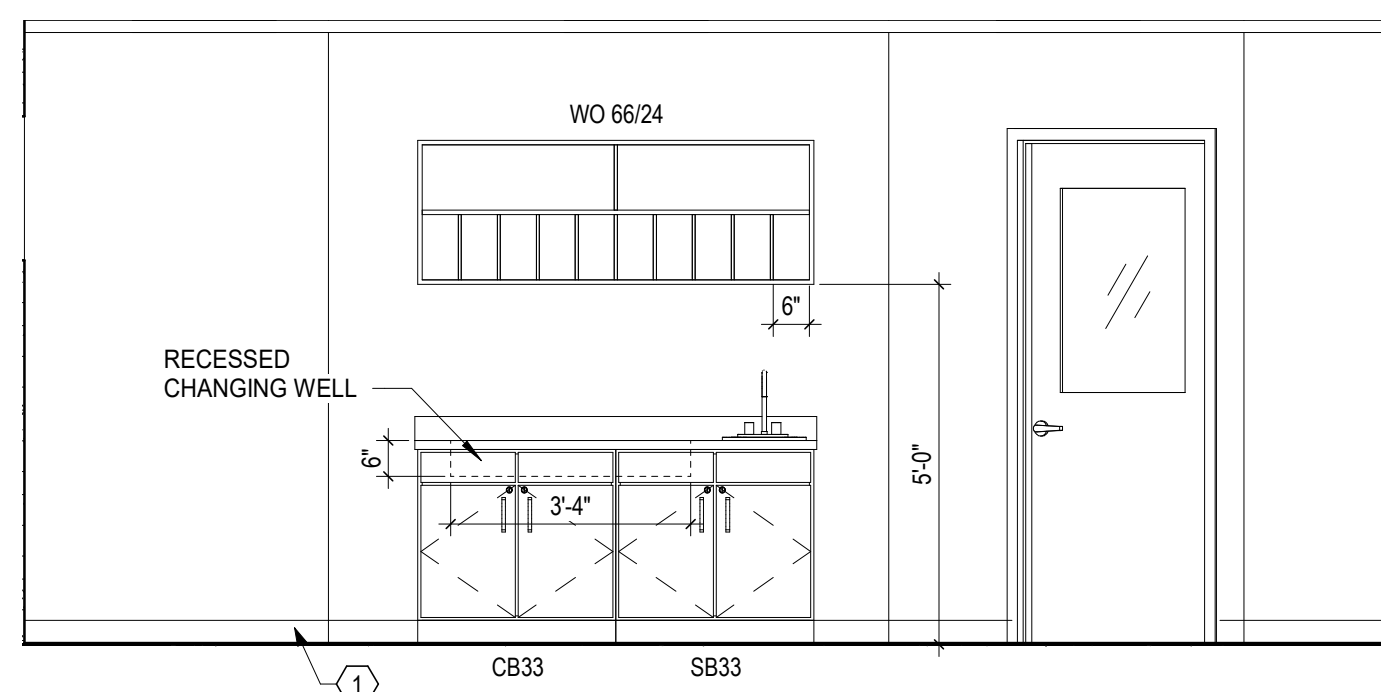


7 ELEVATION (SIMILAR FOR TOILET 121, WITH CWT-2)
 TOILET 114 - NORTH
 3/8" = 1'-0" REF: 8 / A810

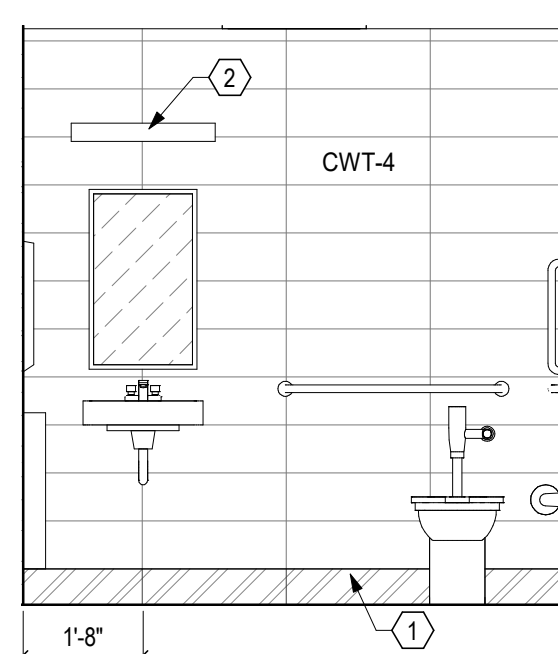


3 ELEVATION TOILET 114 - EAST
 3/8" = 1'-0" REF: 8 / A810

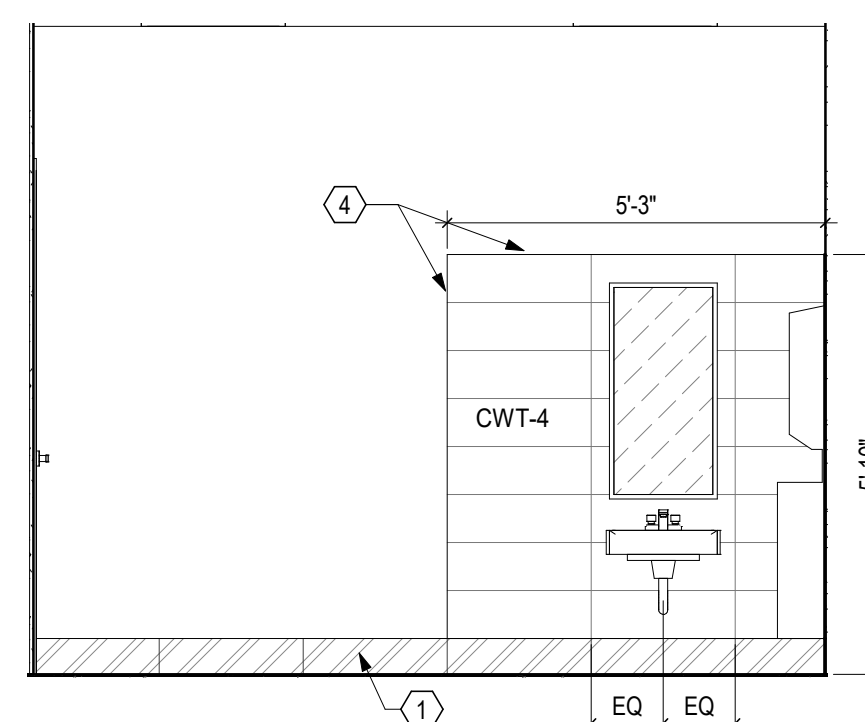
CASEWORK:
 • PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
 • OPEN WALL CABINET WITH CUBBIES, PL-1 ALL EXPOSED SURFACES
 • SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH WITH SOLID SURFACE FORMED DIAPER CHANGING WELL
 • LOCKING DRAWERS/DRAWERS AS SHOWN



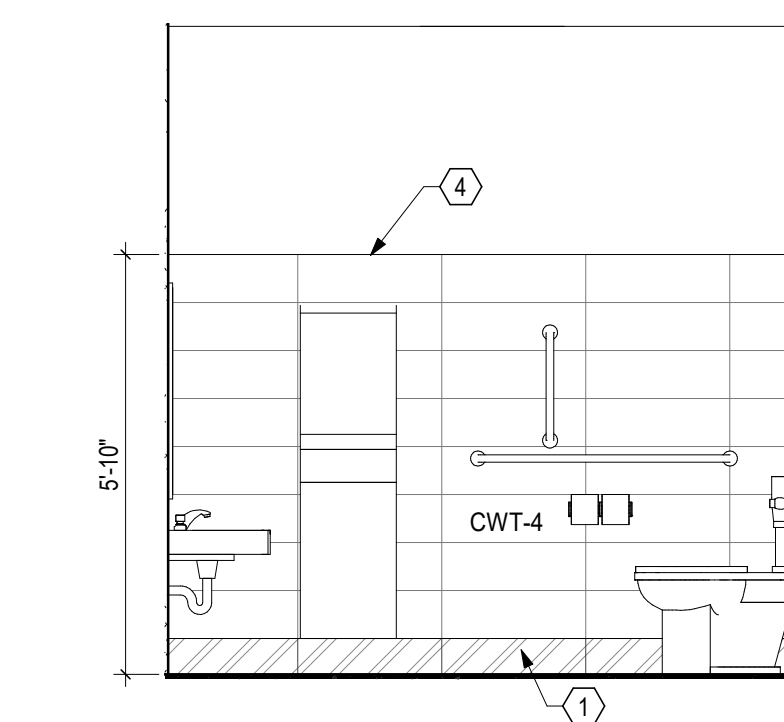
22 ELEVATION INFANT/TODDLER 111 - CHANGING
 3/8" = 1'-0" REF: 1 / A101



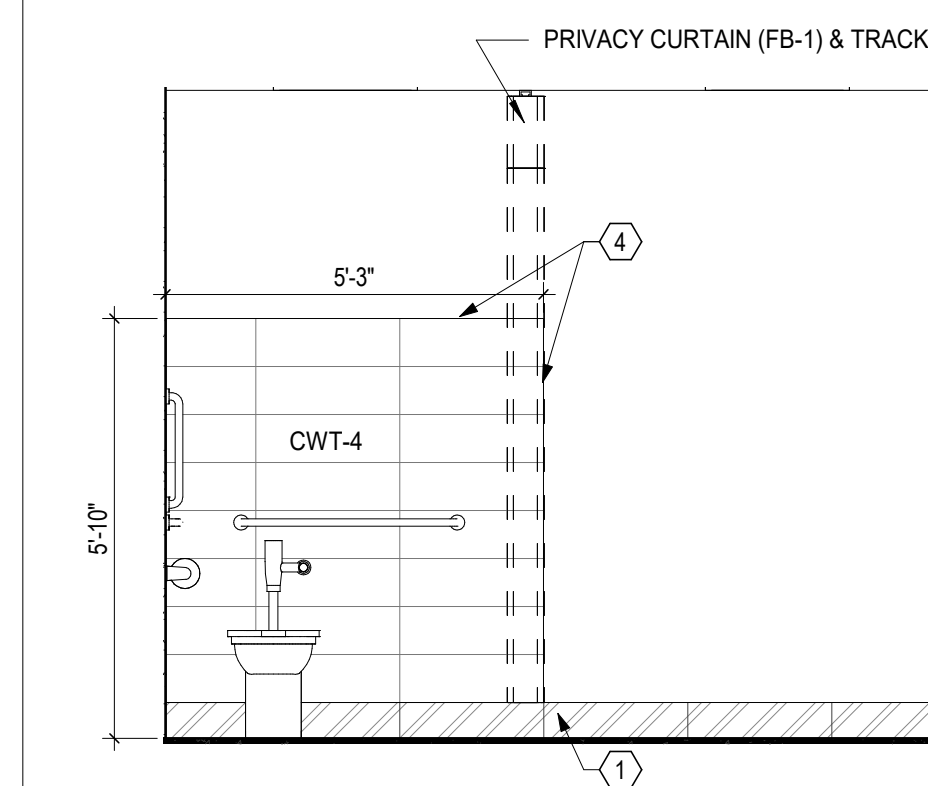
14 ELEVATION TOILET 135
 3/8" = 1'-0" REF: 10 / A810



10 ELEVATION SICK CHILD RM - WEST
 3/8" = 1'-0" REF: 7 / A810

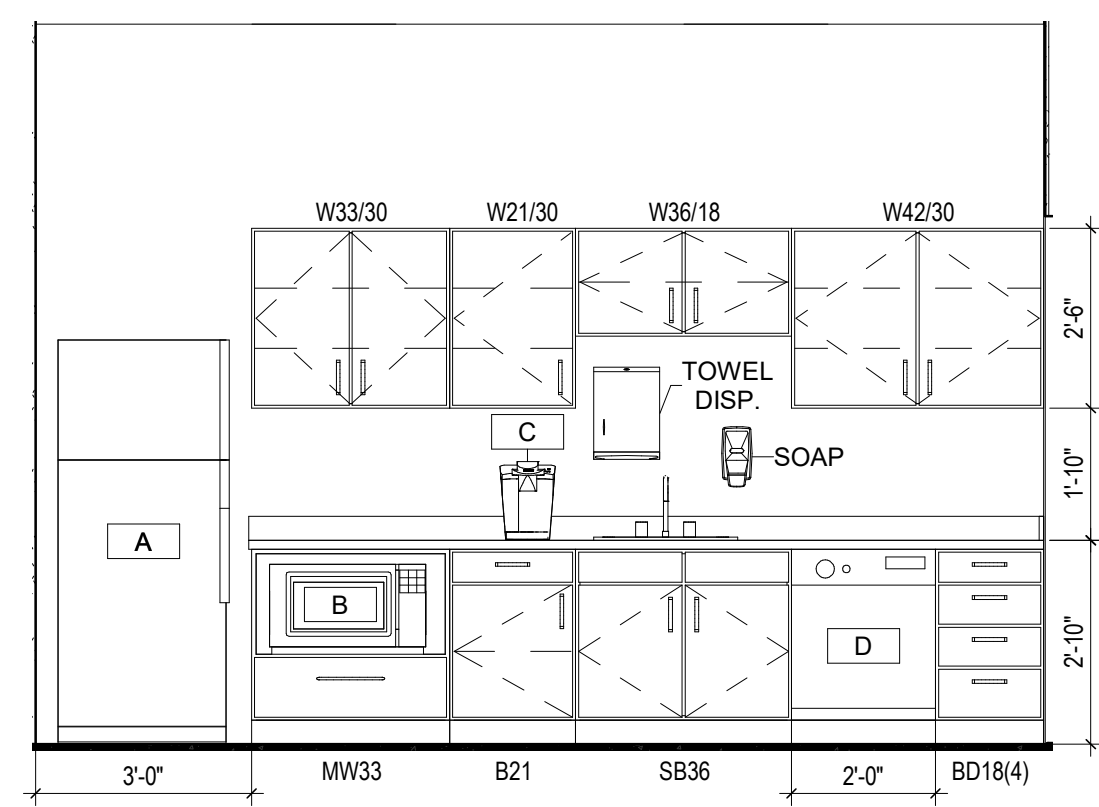


6 ELEVATION SICK CHILD RM - NORTH
 3/8" = 1'-0" REF: 7 / A810

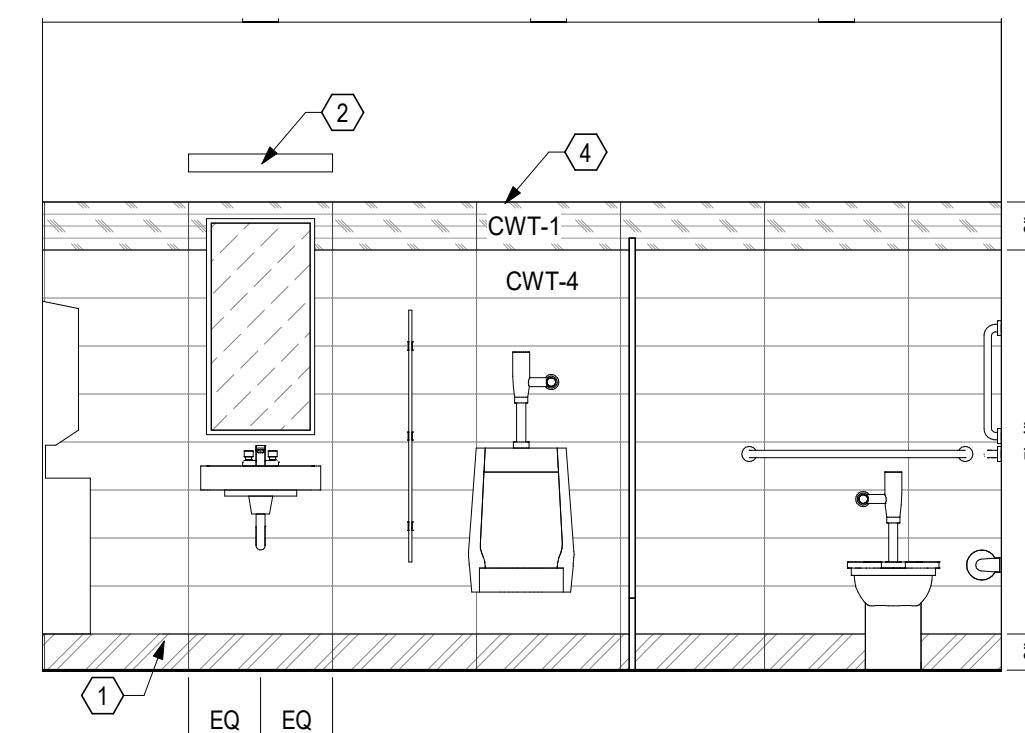


2 ELEVATION SICK CHILD RM - EAST
 3/8" = 1'-0" REF: 7 / A810

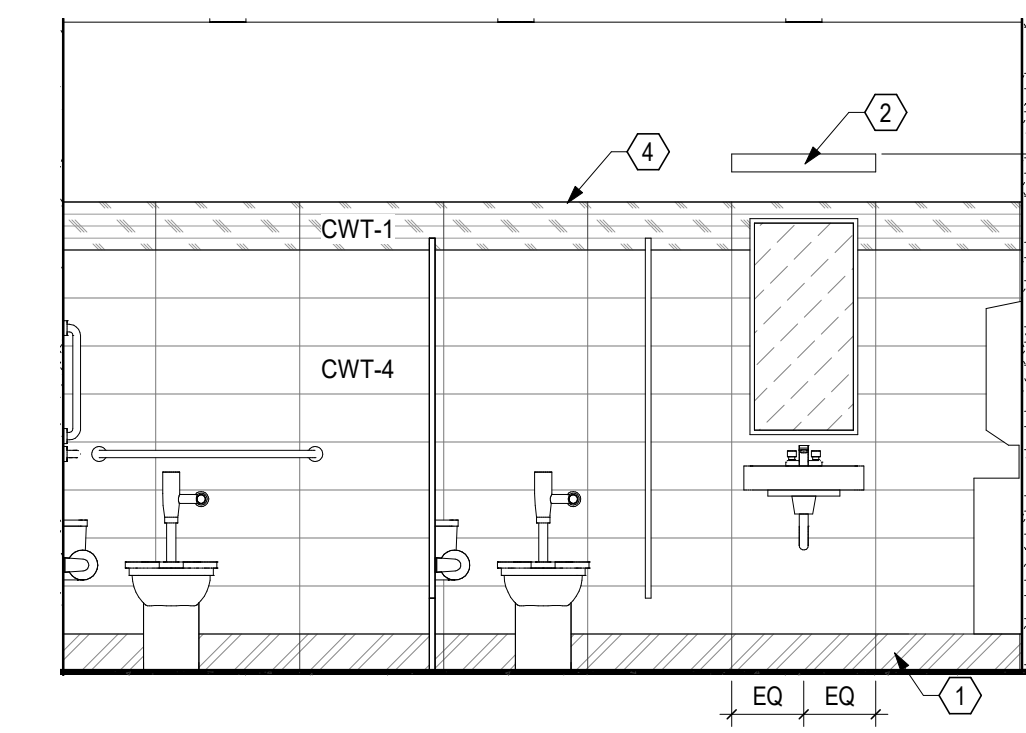
CASEWORK:
 • PLAM PL-1 BASE & WALL CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
 • SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH



17 ELEVATION STAFF LOUNGE 106
 3/8" = 1'-0" REF: 1 / A101



9 ELEVATION MEN 108
 3/8" = 1'-0" REF: 7 / A810

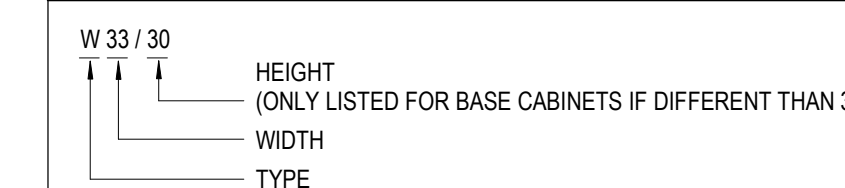


5 ELEVATION WOMEN 109
 3/8" = 1'-0" REF: 7 / A810

CODED REMARKS - INTERIOR ELEVATIONS

- SCHEDULED WALL BASE. REFER TO FINISH PLANS AND LEGEND
- LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
- SUSPENDED ACOUSTICAL CEILING PANEL. REFER TO REFLECTED CEILING PLANS
- USE COORDINATING JOLLY (12" X 12") AT TRANSITION FROM TILE TO DRYWALL (VERTICAL AND HORIZONTAL), TO MATCH COLOR OF WALL TILE. U.N.O. REFER TO DETAIL 10A90.
- ACOUSTICAL CEILING BAFFLE. REFER TO REFLECTED CEILING PLANS
- WOOD TRIMCAP. MATCH WOOD DOORS (WD), ROUND-OVER CORNERS/EDGES. FINISH AND SEAL FACE AND EXPOSED SIDES. APPLY DIRECTLY TO WALL BOARD WITH HIGH STRENGTH MASTIC.
- ALUMINUM TRIM AT EXPOSED EDGES, OUTSIDE CORNERS TO HAVE RADIUS CORNER TRIM
- WOOD WALL CAP - MATCH WOOD DOORS (WD)

CASEWORK TAG LEGEND



CASEWORK TYPES:
 REFERENCE SHEET A850 FOR CASEWORK DETAILS

- B = BASE CABINET W/ DRAWER
- BD = BASE DRAWER CABINET (# OF DRAWERS)
- CB = CHANGING COUNTER BASE CABINET
- CS = CHANGING COUNTER OPEN SHELVES
- MW = MICROWAVE CABINET
- OS = OPEN SHELVES
- SB = SINK BASE CABINET
- SI = SINK INFANT/TODDLER
- SP = SINK PRESCHOOL
- W = WALL CABINET
- WO = WALL CABINET OPEN CUBBIES

* = DIMENSIONS VARY. REFER TO PLANS

EQUIPMENT

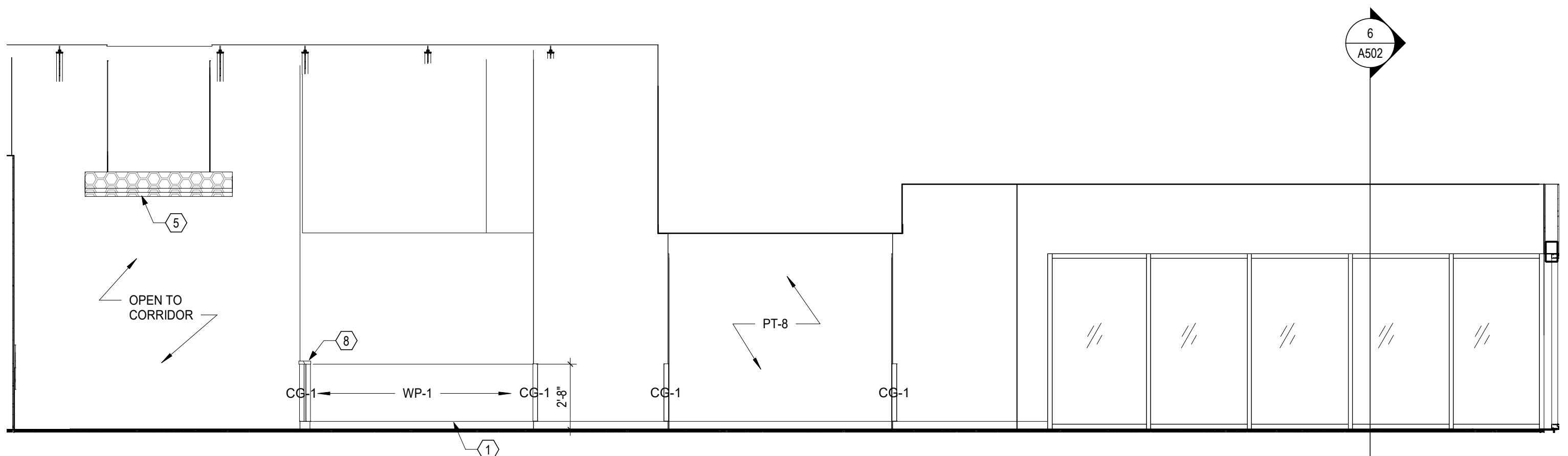
- A. REFRIGERATOR - CFCI
 GE ENERGY STAR 17.5 CU. FT. TOP-FREEZER REFRIGERATOR, MODEL #GIE16G5NRSS
 QTY: 1
- B. MICROWAVE - CFCI
 C. COFFEE MAKER - OFCI
- D. DISHWASHER - CFCI
 GE ADA COMPLIANT STAINLESS STEEL DISHWASHER, MODEL #GDT226SSLSS, ENERGY STAR
 QTY: 4
- E. UNDERCOUNTER REFRIGERATOR - CFCI
 SUMMIT, ADA REFRIGERATOR-FREEZER, MODEL #FF433ESSADA, ENERGY STAR
 QTY: 3
- F. WASHER - CFCI
 MAYTAG 4.8 CU.FT. CAPACITY FRONT LOAD WASHER, ENERGY STAR, MODEL #MHW9630HC ADA COMPLIANT
 QTY: 2
- G. DRYER - CFCI
 MAYTAG 7.3 CU. FT. CAPACITY FRONT LOAD ELECTRIC DRYER, ENERGY STAR, MODEL #MED9630HC ADA COMPLIANT
 QTY: 2

#	DATE	CHANGE DESCRIPTION
1	01/28/21	ADDENDUM #1

POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 O'DONNELL COURT COLUMBUS, OHIO 43211
COLUMBUS METROPOLITAN HOUSING AUTHORITY
 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664 FAX: (614) 280-8881

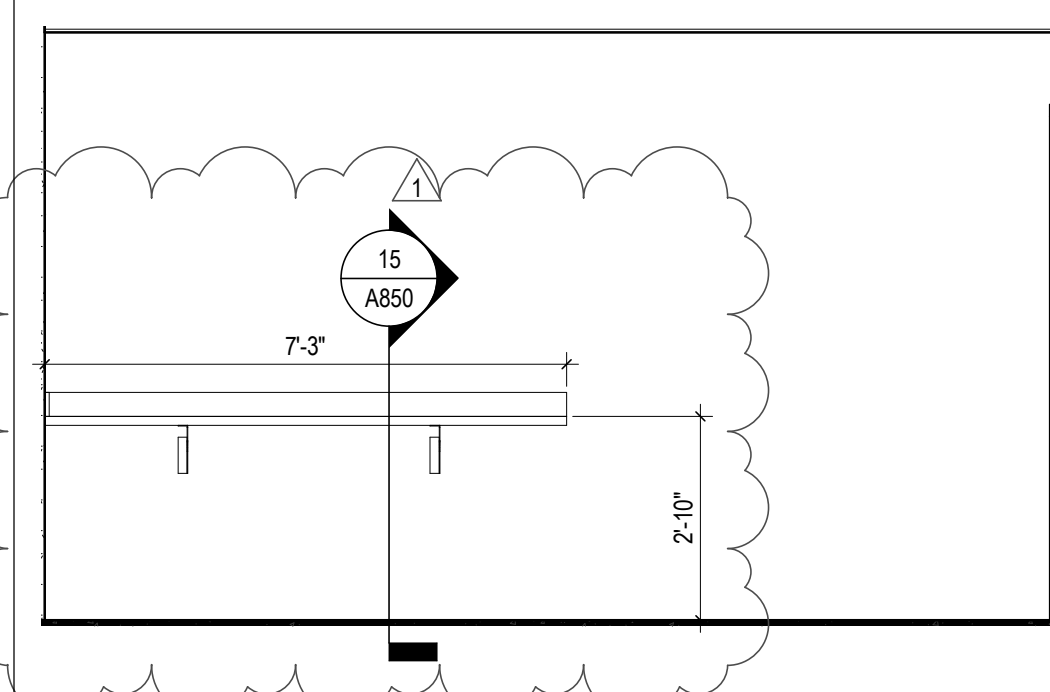
INTERIOR ELEVATIONS

11-20-2020
 DRAWN BY: XXXX CHECKED BY: XXXX
 Proj. #20047
A820
 BID & PERMIT SET
 JONATHAN D. MOODY, LIC. #1215709
 EXP. DATE: 12/31/2021



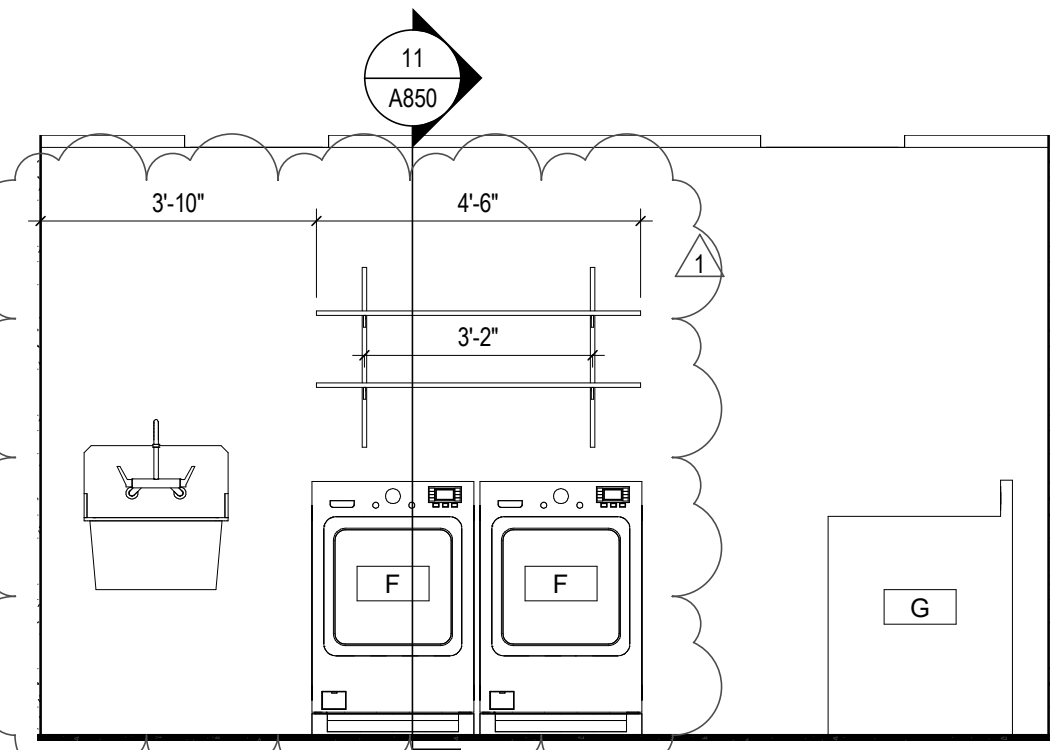
1 ELEVATION CORRIDOR 140 SOUTH
1/4" = 1'-0" REF: 1 / A101

CASEWORK:
• SOLID SURFACE SS-1 COUNTERTOP (20" DEEP) & BACKSPASH WITH WALL MOUNTED COUNTER SUPPORT BRACKETS



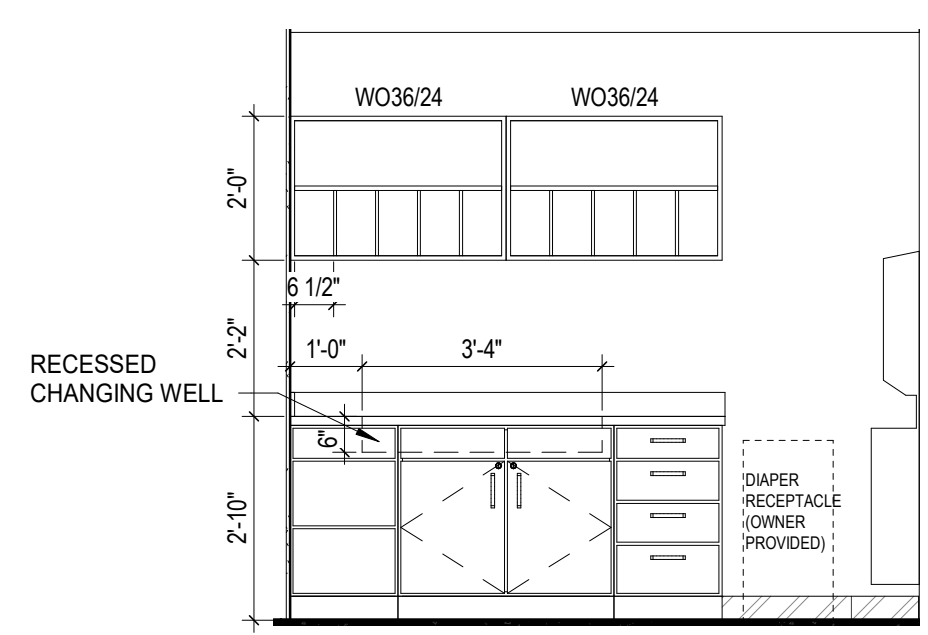
23 ELEVATION LAUNDRY 132 COUNTER
3/8" = 1'-0" REF: 11 / A810

CASEWORK:
• WHITE MELAMINE SHELVES ON WALL STANDARDS

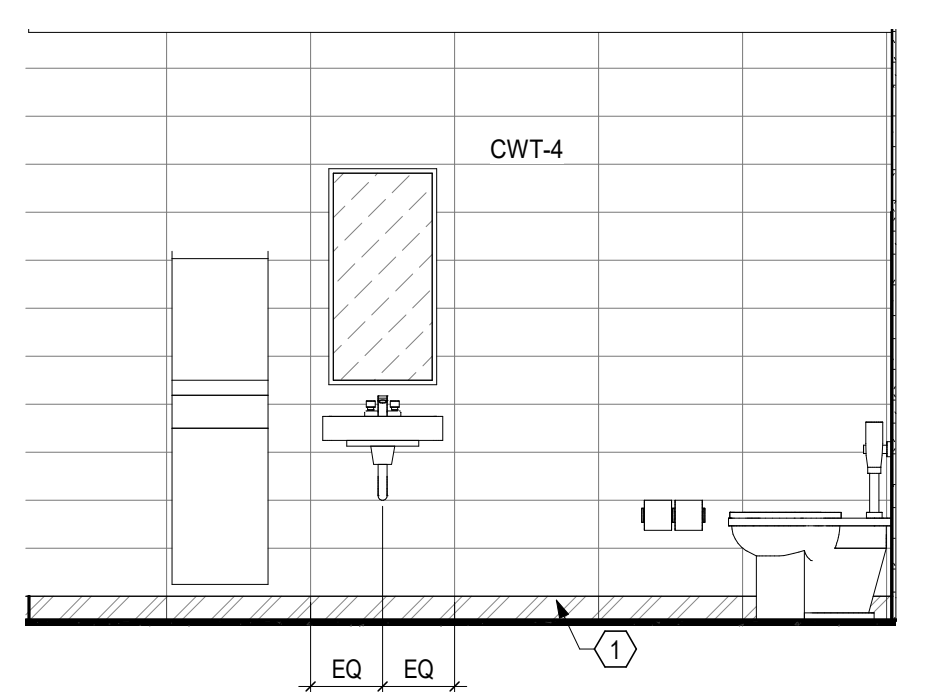


19 ELEVATION LAUNDRY 132
3/8" = 1'-0" REF: 11 / A810

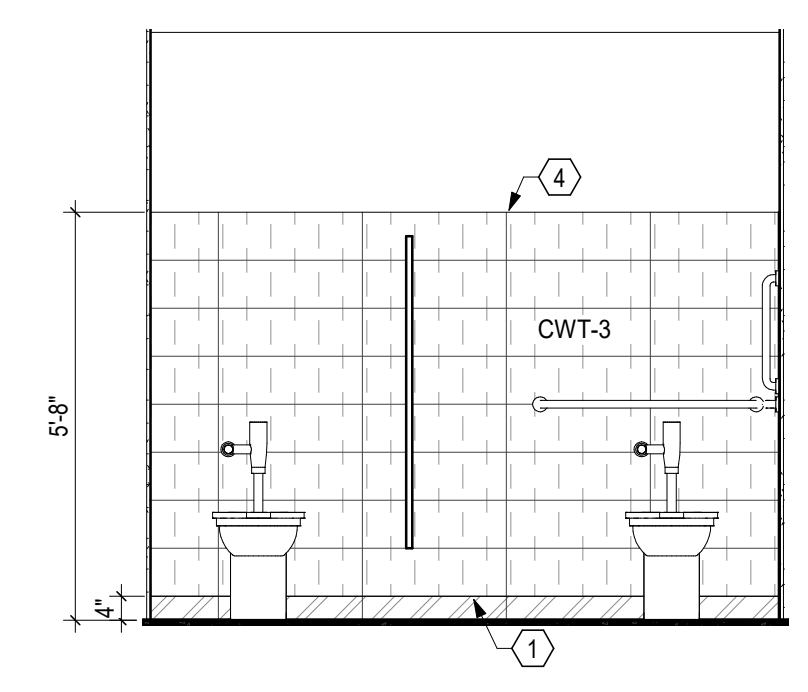
CASEWORK:
• PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
• OPEN WALL CABINET WITH CUBBIES, PL-1 ALL EXPOSED SURFACES
• SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH WITH SOLID SURFACE FORMED DIAPER CHANGING WELL
• LOCKING DRAWERS/DRAWERS AS SHOWN



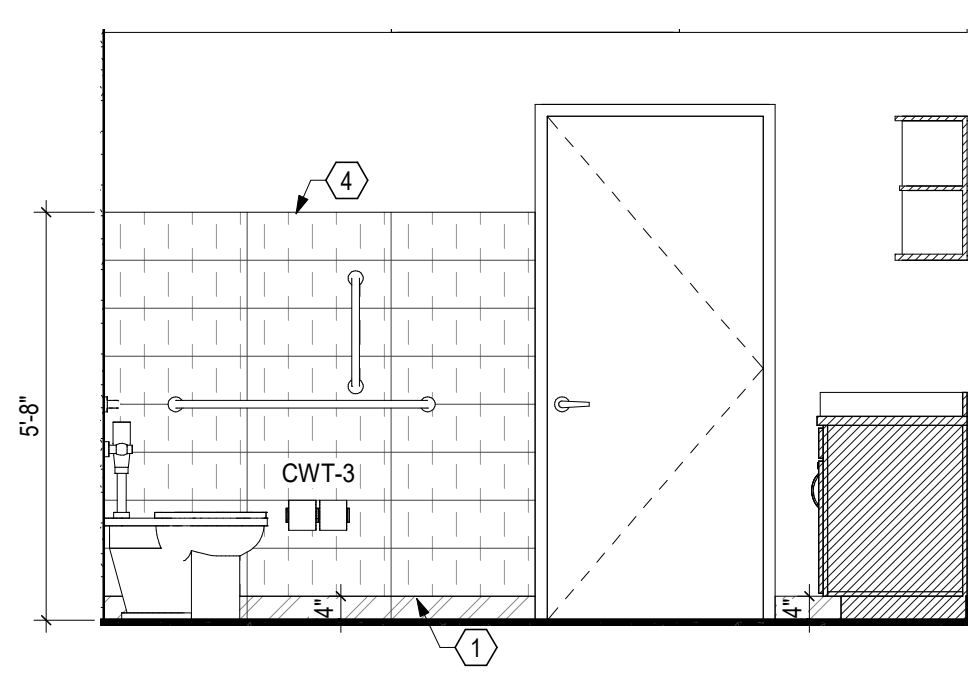
15 ELEVATION TOILET 153 - EAST
3/8" = 1'-0" REF: 9 / A810



11 ELEVATION TOILET 153 - SOUTH
3/8" = 1'-0" REF: 9 / A810

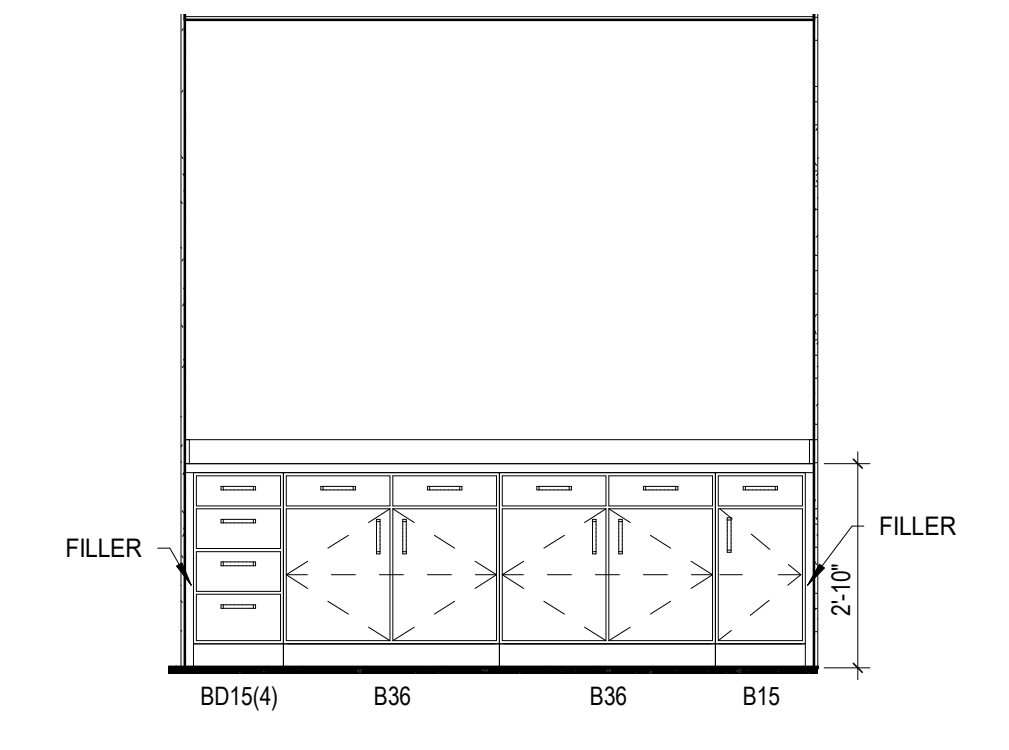


7 ELEVATION TOILET 153 - WEST
3/8" = 1'-0" REF: 9 / A810



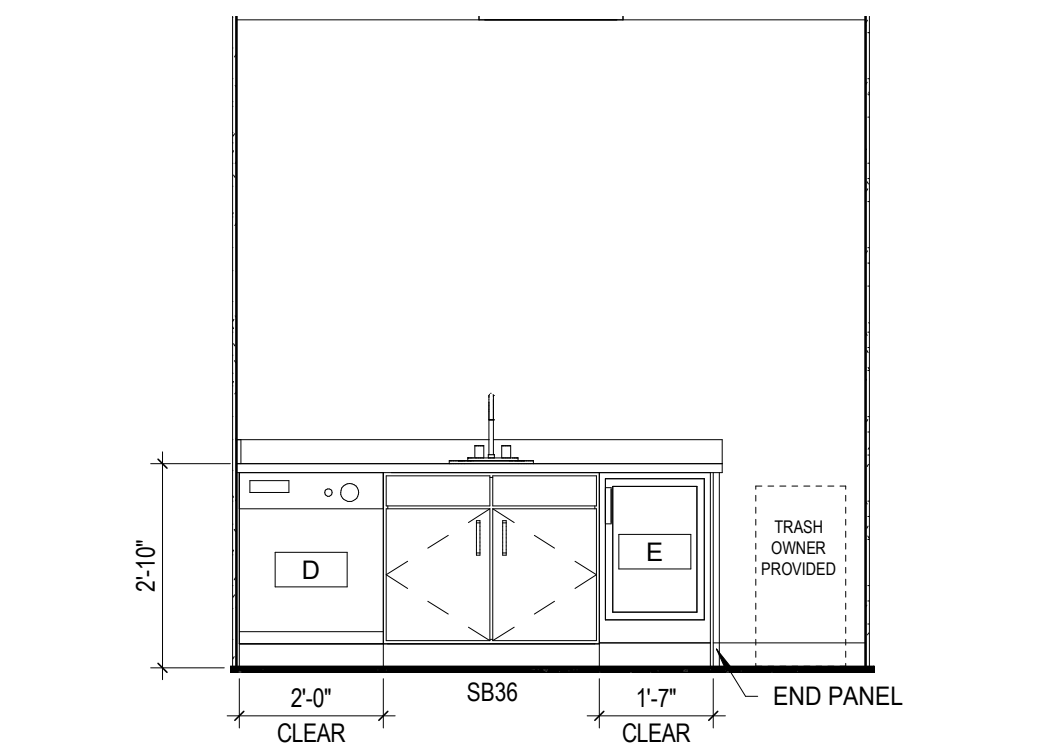
3 ELEVATION TOILET 153 - NORTH
3/8" = 1'-0" REF: 9 / A810

CASEWORK:
• PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
• SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH



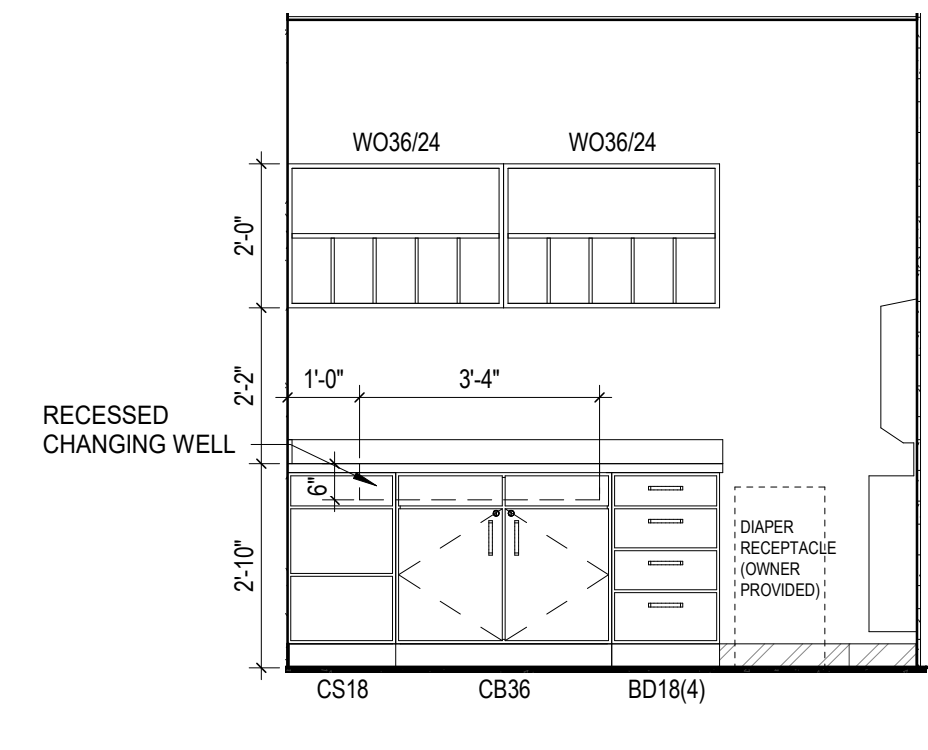
22 ELEVATION FOOD PREP 151 - WEST
3/8" = 1'-0" REF: 9 / A810

CASEWORK:
• PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
• SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH

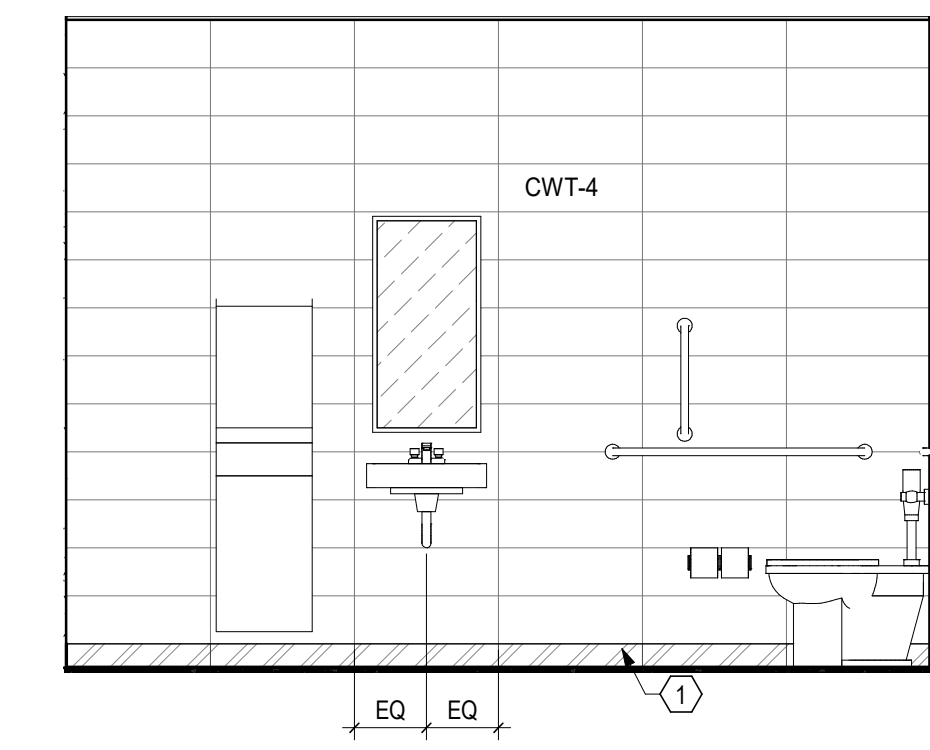


18 ELEVATION FOOD PREP 151 - EAST
3/8" = 1'-0" REF: 9 / A810

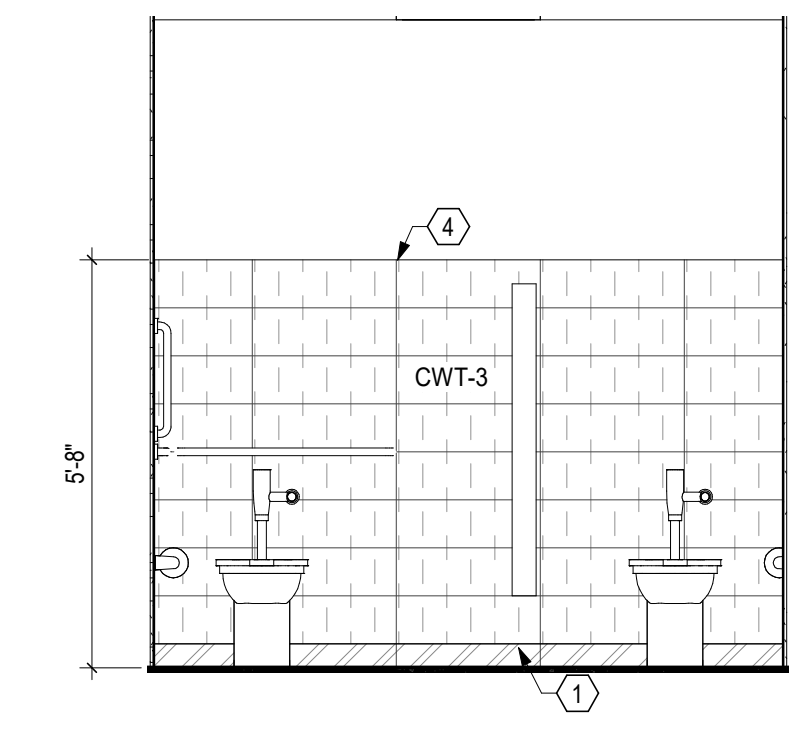
CASEWORK:
• PLAM PL-1 BASE CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES
• OPEN WALL CABINET WITH CUBBIES, PL-1 ALL EXPOSED SURFACES
• SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH WITH SOLID SURFACE FORMED DIAPER CHANGING WELL
• LOCKING DRAWERS/DRAWERS AS SHOWN



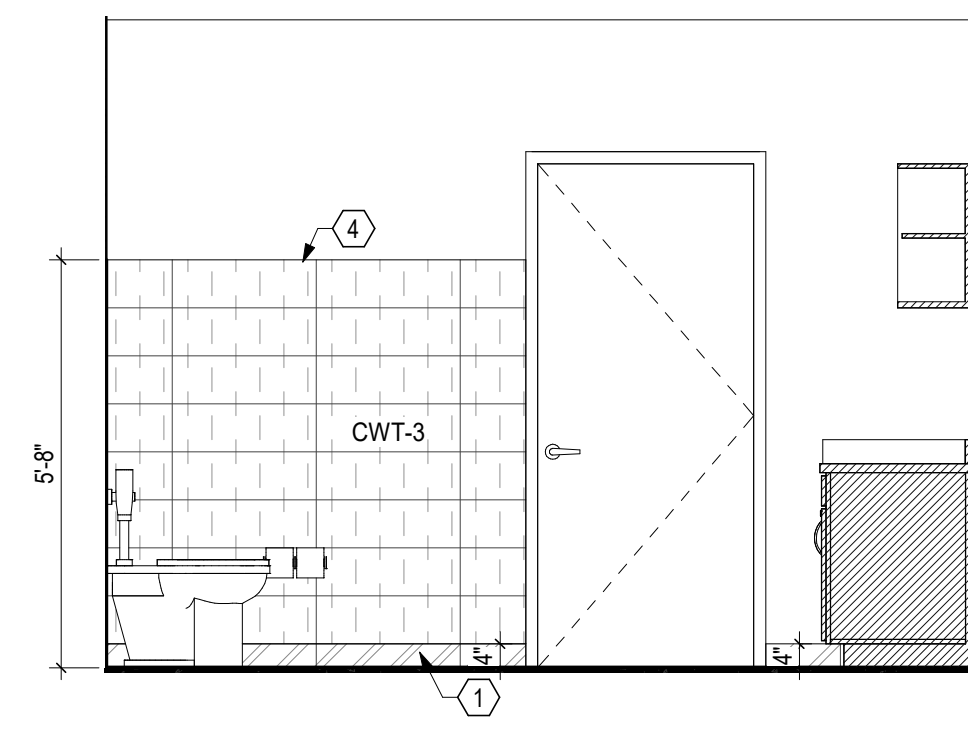
14 ELEVATION TOILET 152 - WEST
3/8" = 1'-0" REF: 9 / A810



10 ELEVATION TOILET 152 - NORTH
3/8" = 1'-0" REF: 9 / A810

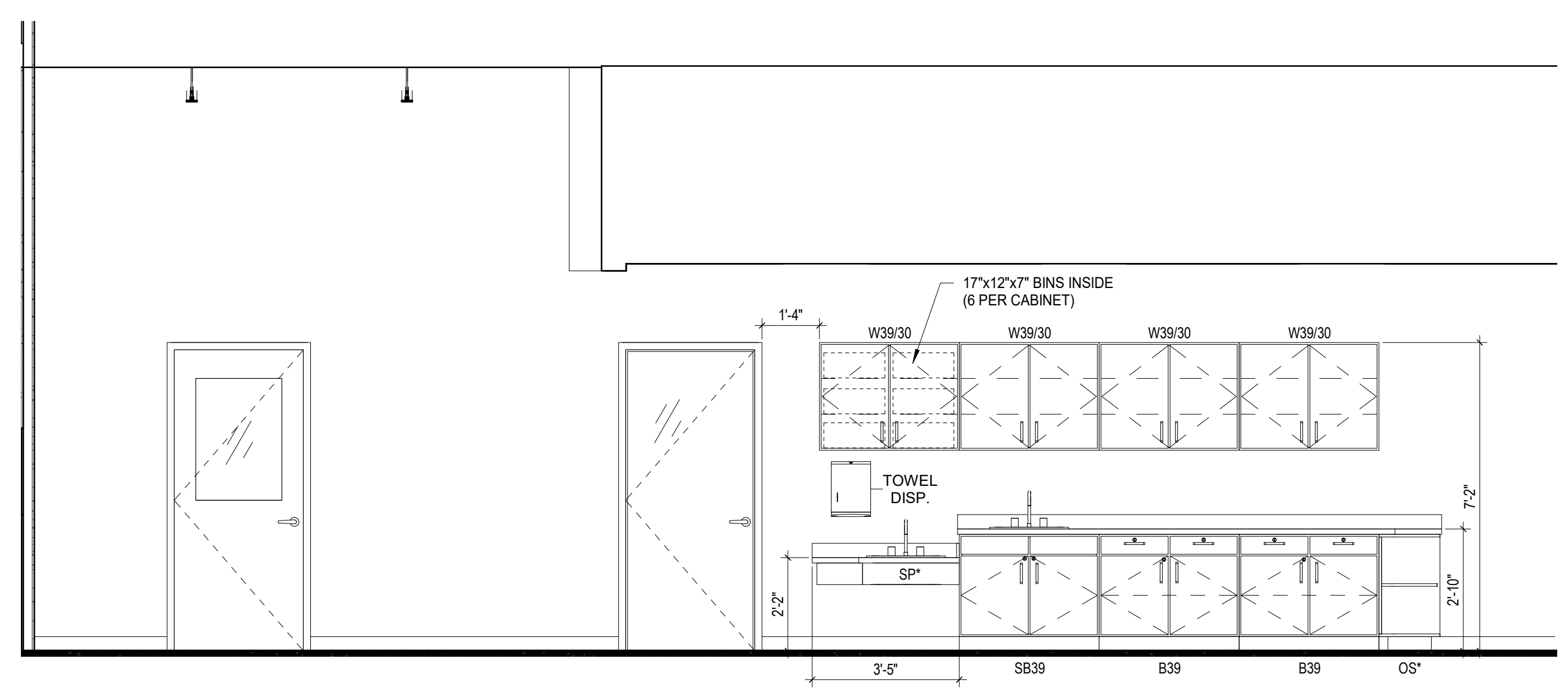


6 ELEVATION TOILET 152 - EAST
3/8" = 1'-0" REF: 9 / A810



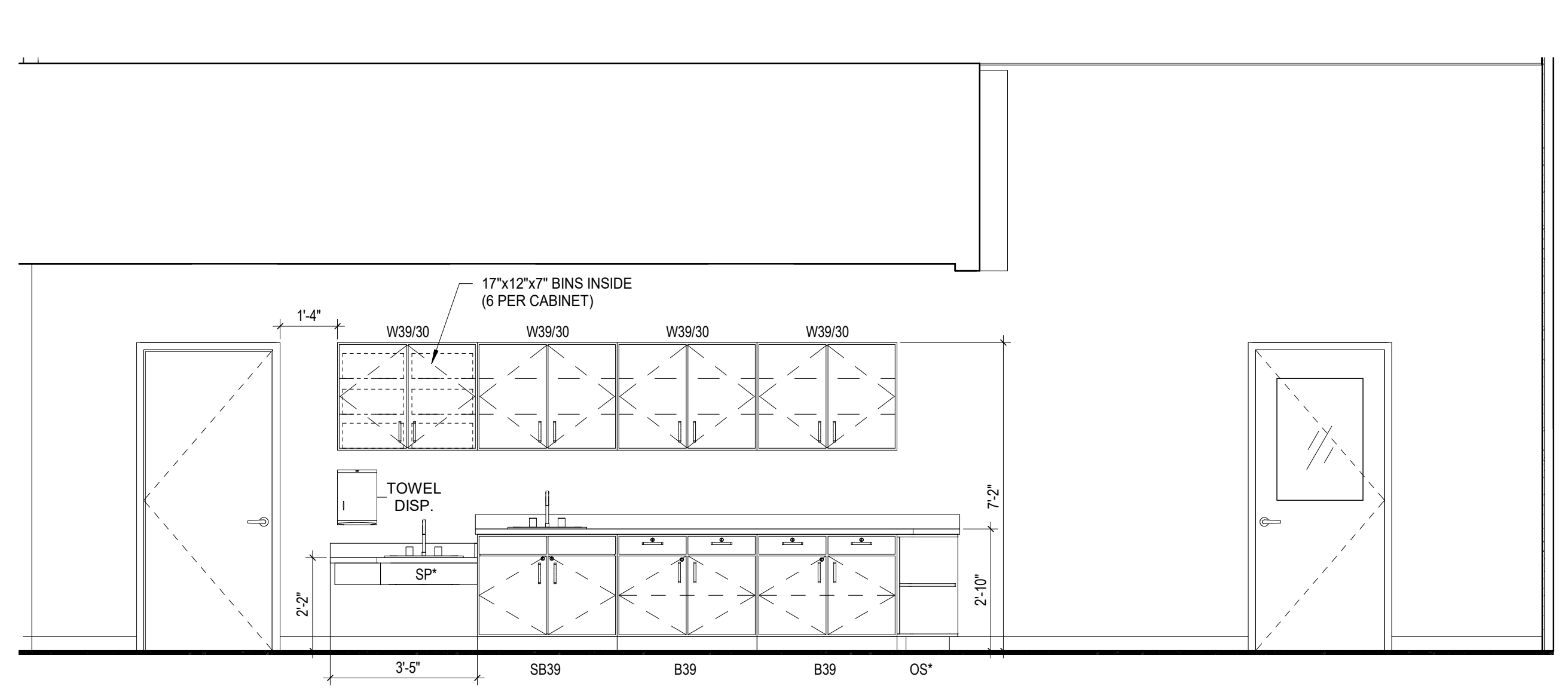
2 ELEVATION TOILET 152 - SOUTH
3/8" = 1'-0" REF: 9 / A810

CASEWORK:
• PLAM PL-1 BASE AND WALL CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES, PL-1 ON ALL EXPOSED SURFACES OF OPEN SHELVES
• SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH



21 ELEVATION PRESCHOOL 150
3/8" = 1'-0" REF: 9 / A810

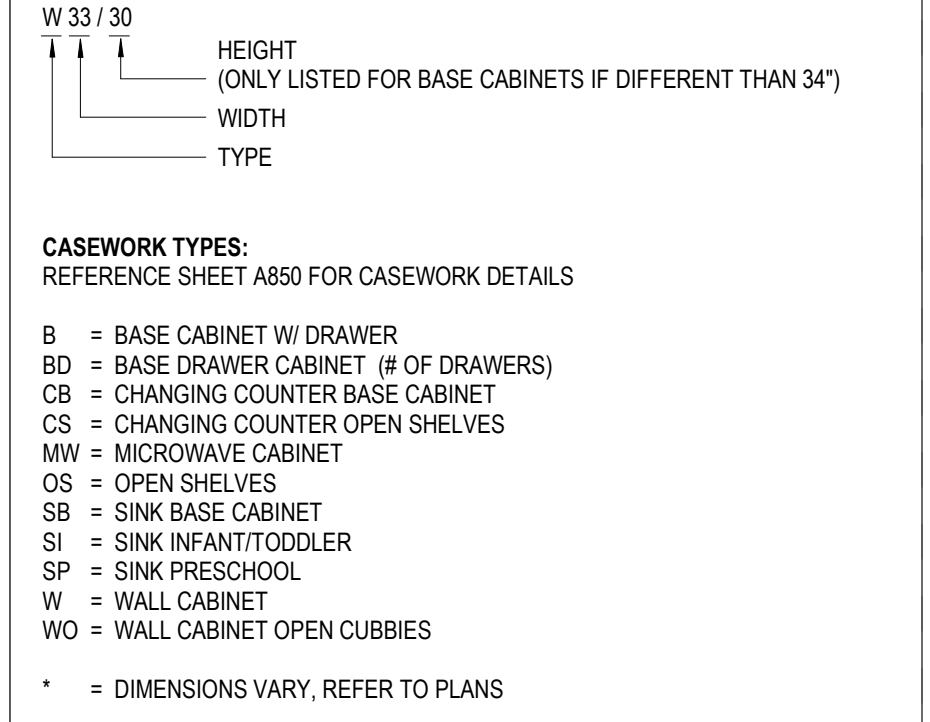
CASEWORK:
• PLAM PL-1 BASE AND WALL CABINETS W/ WHITE MELAMINE INTERIORS & SHELVES, PL-1 ON ALL EXPOSED SURFACES OF OPEN SHELVES
• SOLID SURFACE SS-1 COUNTERTOP & BACKSPASH



9 ELEVATION PRESCHOOL 157
3/8" = 1'-0" REF: 9 / A810

- CODED REMARKS - INTERIOR ELEVATIONS**
- SCHEDULED WALL BASE. REFER TO FINISH PLANS AND LEGEND
 - LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
 - SUSPENDED ACOUSTICAL CEILING PANEL. REFER TO REFLECTED CEILING PLANS
 - USE COORDINATING JOLLY (1/2" X 1/2") AT TRANSITION FROM TILE TO DRYWALL (VERTICAL AND HORIZONTAL), TO MATCH COLOR OF WALL TILE. U.N.O. REFER TO DETAIL 10A900.
 - ACOUSTICAL CEILING BAFFLE. REFER TO REFLECTED CEILING PLANS
 - WOOD TRIMCAP. MATCH WOOD DOORS (WD), ROUND-OVER CORNERS/EDGES. FINISH AND SEAL FACE AND EXPOSED SIDES. APPLY DIRECTLY TO WALL BOARDS WITH HIGH STRENGTH MASTIC.
 - ALUMINUM TRIM AT EXPOSED EDGES, OUTSIDE CORNERS TO HAVE RADIUS CORNER TRIM
 - WOOD WALL CAP - MATCH WOOD DOORS (WD)

CASEWORK TAG LEGEND



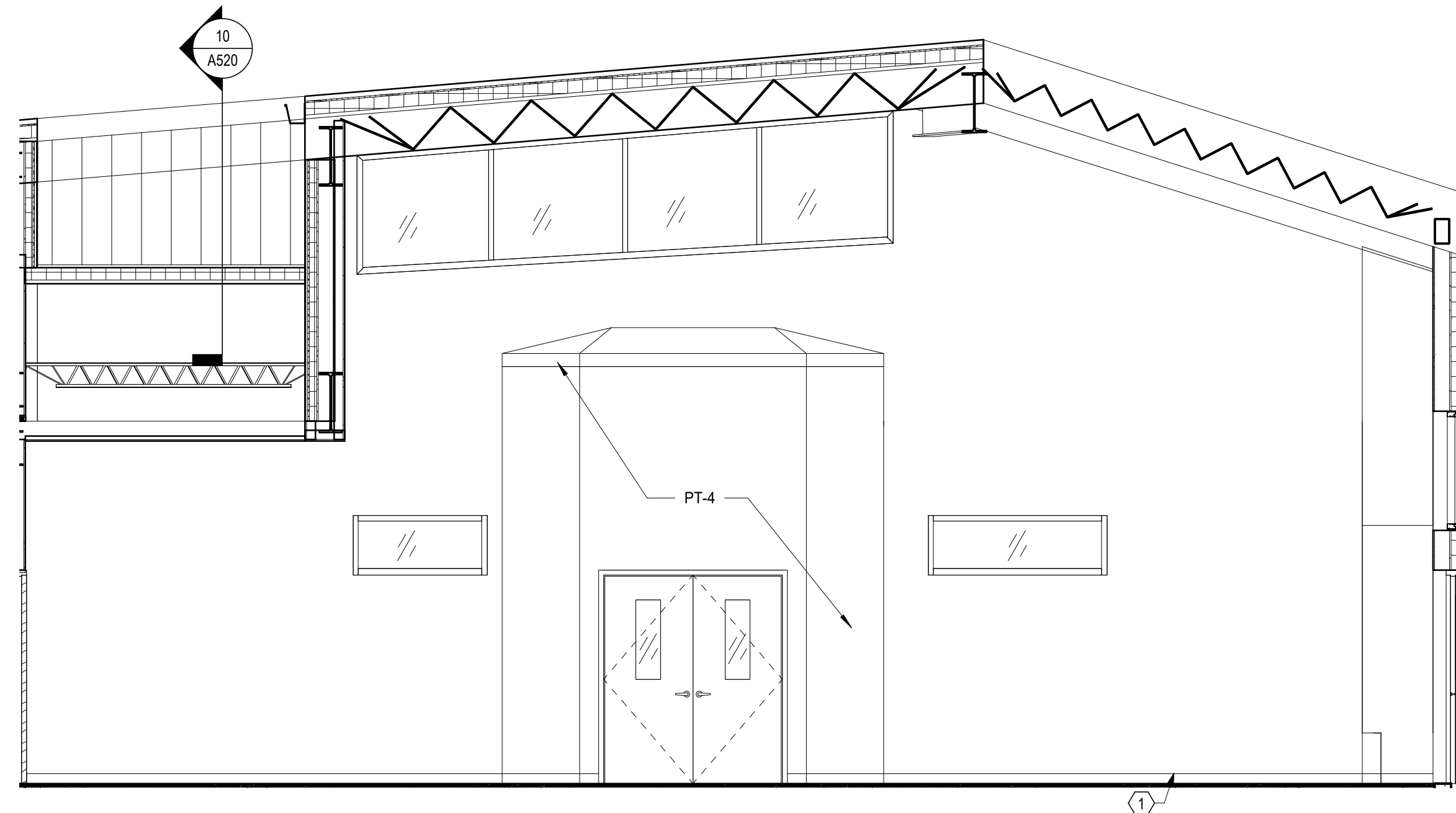
EQUIPMENT

- A. REFRIGERATOR - CFCI GE ENERGY STAR 17.5 CU. FT. TOP-FREEZER REFRIGERATOR, MODEL #GIE16G5NRSS QTY: 1
- B. MICROWAVE - OFCI QTY: 1
- C. COFFEE MAKER - OFCI QTY: 1
- D. DISHWASHER - CFCI GE ADA COMPLIANT STAINLESS STEEL DISHWASHER, MODEL #GDT226S8LSS, ENERGY STAR QTY: 4
- E. UNDERCOUNTER REFRIGERATOR - CFCI SUMMIT, ADA REFRIGERATOR-FREEZER, MODEL #FF433ESSADA, ENERGY STAR QTY: 3
- F. WASHER - CFCI MAYTAG 4.8 CU. FT. CAPACITY FRONT LOAD WASHER, ENERGY STAR, MODEL #MHW6630HQ ADA COMPLIANT QTY: 2
- G. DRYER - CFCI MAYTAG 7.3 CU. FT. CAPACITY FRONT LOAD ELECTRIC DRYER, ENERGY STAR, MODEL #MED6630HQ ADA COMPLIANT QTY: 2

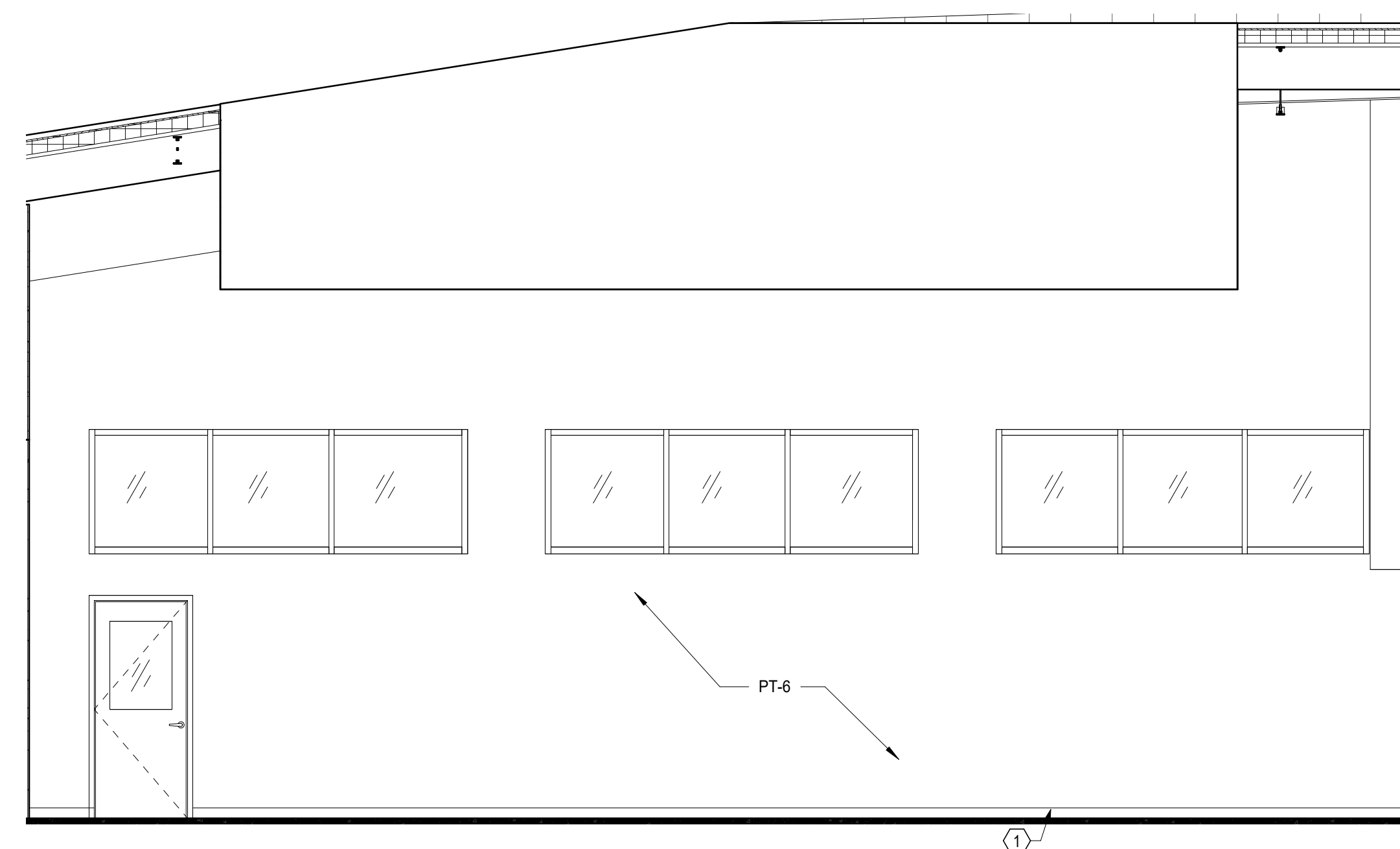
#	DATE	CHANGE DESCRIPTION
1	01/28/21	ADDENDUM #1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
3570 O'DONNELL COURT COLUMBUS, OHIO 43211
FOR COLUMBUS METROPOLITAN HOUSING AUTHORITY
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
PHONE: (614) 461-4664 FAX: (614) 280-8881

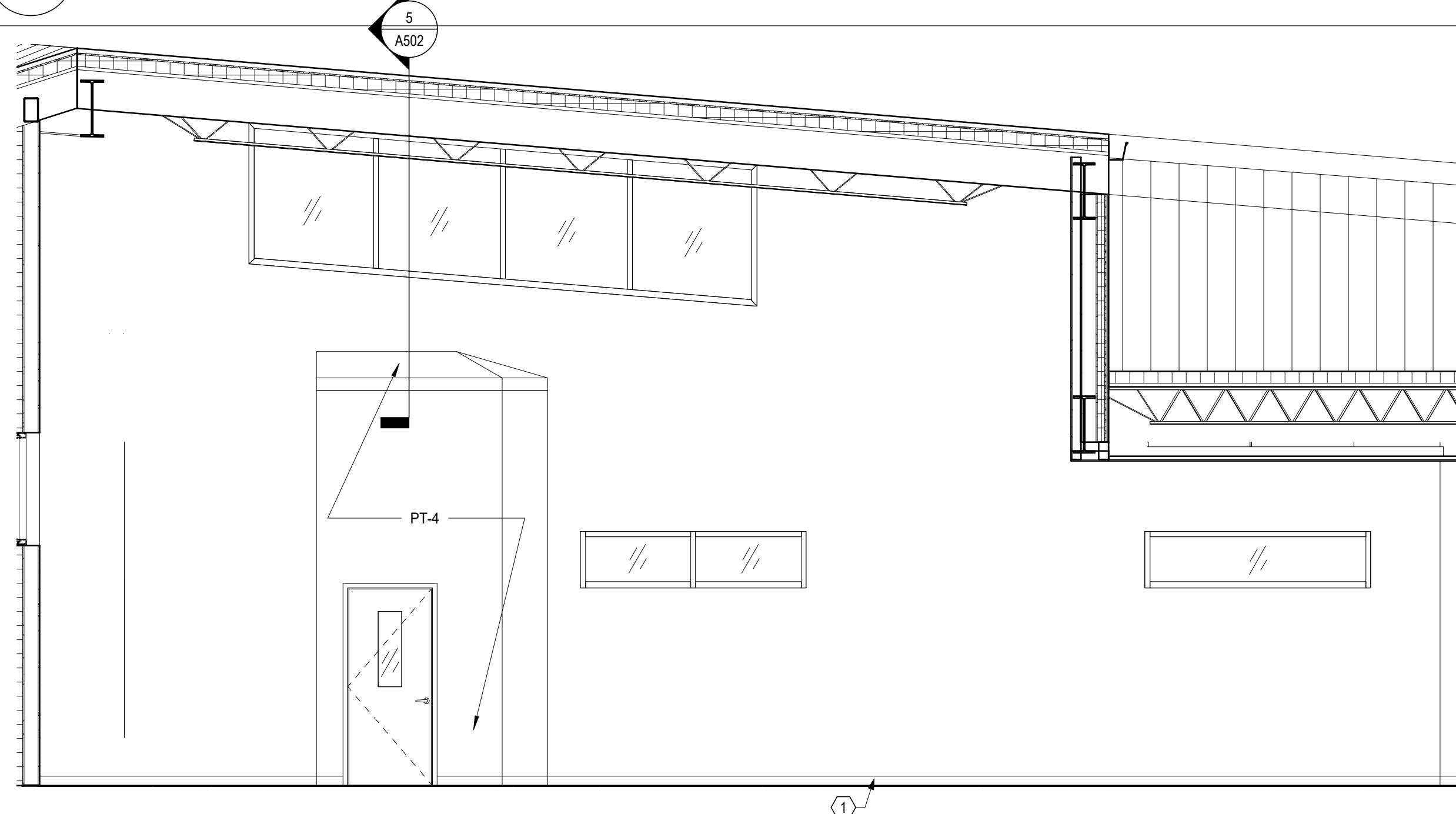
INTERIOR ELEVATIONS
11-20-2020
DRAWN BY: XXXX CHECKED BY: XXXX
Proj. #20047
A821
BID & PERMIT SET
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2021



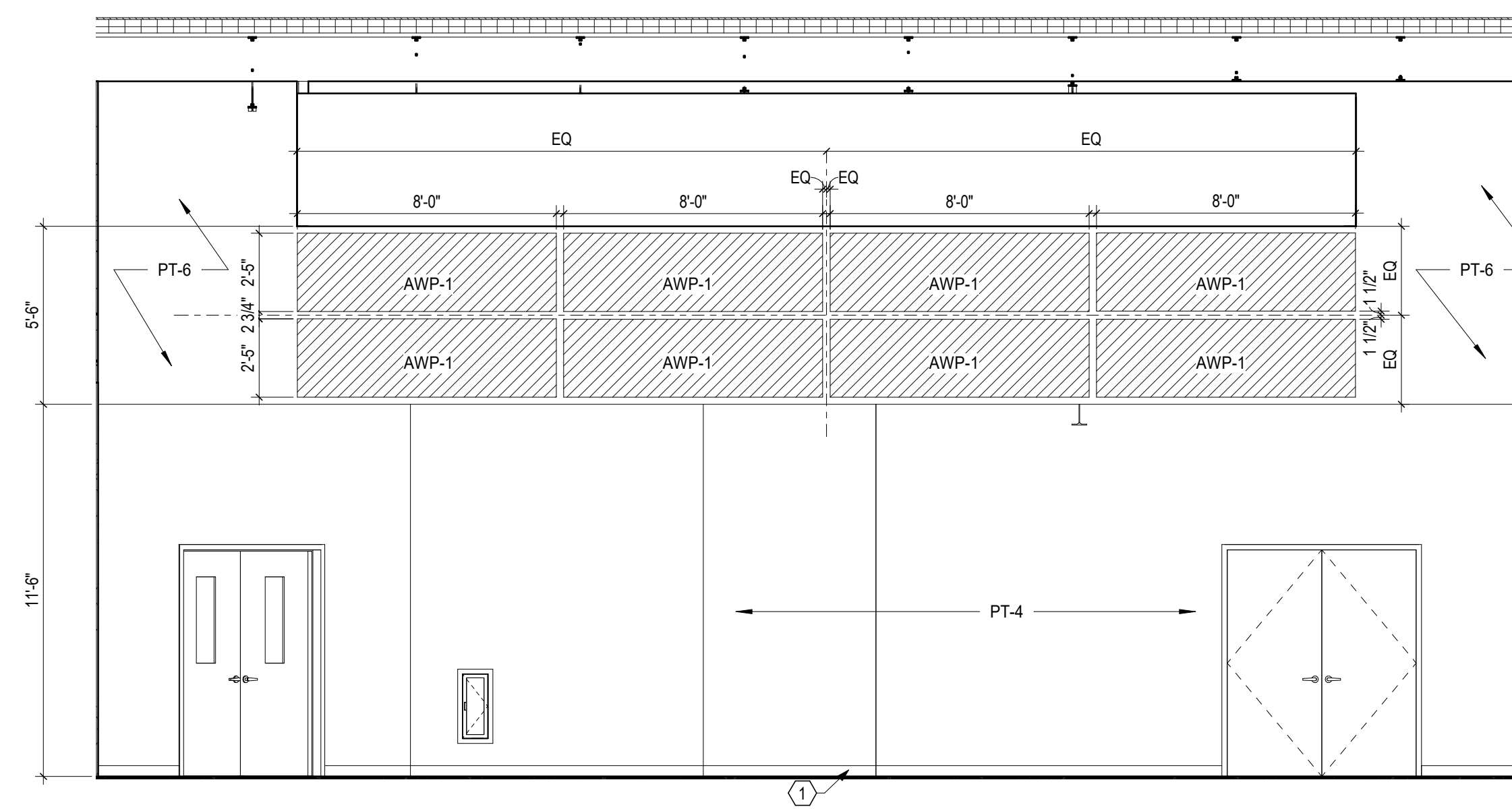
20 ELEVATION MULTI-PURPOSE 143 - WEST
1/4" = 1'-0" REF: 1 / A101



12 ELEVATION MULTI-PURPOSE 143 - NORTH
1/4" = 1'-0" REF: 1 / A101



19 ELEVATION MULTI-PURPOSE 143 - EAST
1/4" = 1'-0" REF: 1 / A101



11 ELEVATION MULTI-PURPOSE 143 - SOUTH
1/4" = 1'-0" REF: 1 / A101

- CODED REMARKS - INTERIOR ELEVATIONS**
- SCHEDULED WALL BASE. REFER TO FINISH PLANS AND LEGEND
 - LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS
 - SUSPENDED ACOUSTICAL CEILING PANEL. REFER TO REFLECTED CEILING PLANS
 - USE COORDINATING JOLLY (12" X 12") AT TRANSITION FROM TILE TO DRYWALL (VERTICAL AND HORIZONTAL), TO MATCH COLOR OF WALL TILE. U.N.O. REFER TO DETAIL 10A900
 - ACOUSTICAL CEILING BAFFLE. REFER TO REFLECTED CEILING PLANS
 - WOOD TRIMCAP. MATCH WOOD DOORS (WD), ROUND-OVER CORNERS/EDGES. FINISH AND SEAL FACE AND EXPOSED SIDES. APPLY DIRECTLY TO WALL BOARD WITH HIGH STRENGTH MASTIC.
 - ALUMINUM TRIM AT EXPOSED EDGES, OUTSIDE CORNERS TO HAVE RADIUS CORNER TRIM
 - WOOD WALL GAP - MATCH WOOD DOORS (WD)

- CASEWORK TAG LEGEND**
- W 33 / 30
HEIGHT (ONLY LISTED FOR BASE CABINETS IF DIFFERENT THAN 34")
WIDTH
TYPE
- CASEWORK TYPES:**
REFERENCE SHEET A850 FOR CASEWORK DETAILS
- B = BASE CABINET W/ DRAWER
 - BD = BASE DRAWER CABINET (# OF DRAWERS)
 - CB = CHANGING COUNTER BASE CABINET
 - CS = CHANGING COUNTER OPEN SHELVES
 - MV = MICROWAVE CABINET
 - OS = OPEN SHELVES
 - SB = SINK BASE CABINET
 - SI = SINK INFANT/TODDLER
 - SP = SINK PRESCHOOL
 - W = WALL CABINET
 - WO = WALL CABINET OPEN CUBBIES
- * = DIMENSIONS VARY. REFER TO PLANS

EQUIPMENT

A.	REFRIGERATOR - CFCI
	GE ENERGY STAR 17.5 CU. FT. TOP-FREEZER REFRIGERATOR, MODEL #GIE16GSNRSS
	QTY: 1
B.	MICROWAVE - OFCI
	C. COFFEE MAKER - OFCI
D.	DISHWASHER - CFCI
	GE ADA COMPLIANT STAINLESS STEEL DISHWASHER, MODEL #GDT226SLLS, ENERGY STAR
	QTY: 1
E.	UNDERCOUNTER REFRIGERATOR - CFCI
	SUMMIT, ADA REFRIGERATOR-FREEZER, MODEL #FF43SESSADA, ENERGY STAR
	QTY: 3
F.	WASHER - CFCI
	MAYTAG 4.8 CU. FT. CAPACITY FRONT LOAD WASHER, ENERGY STAR, MODEL #MHW4630HWADA COMPLIANT
	QTY: 2
G.	DRYER - CFCI
	MAYTAG 7.3 CU. FT. CAPACITY FRONT LOAD ELECTRIC DRYER, ENERGY STAR, MODEL #MED6630HCADA COMPLIANT
	QTY: 2

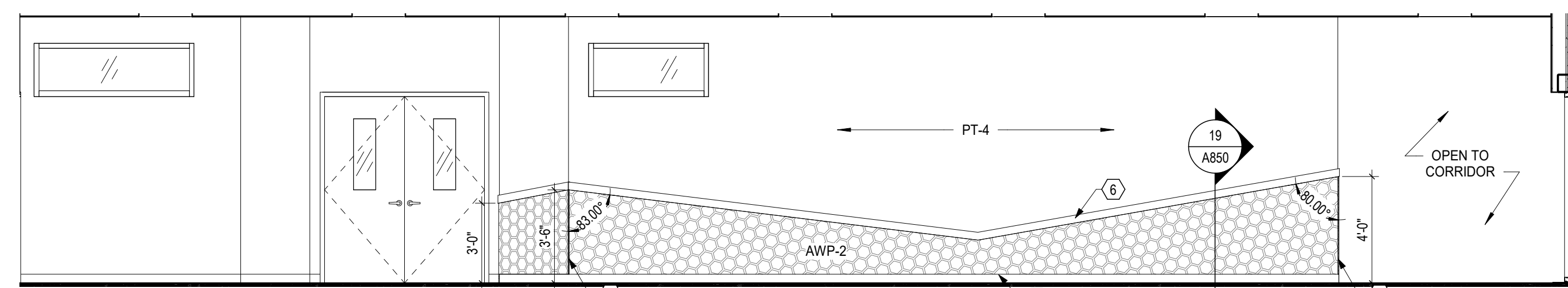
#	DATE	CHANGE DESCRIPTION
1	01/28/21	ADDENDUM #1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
3570 DONNELL COURT COLUMBUS, OHIO
FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY

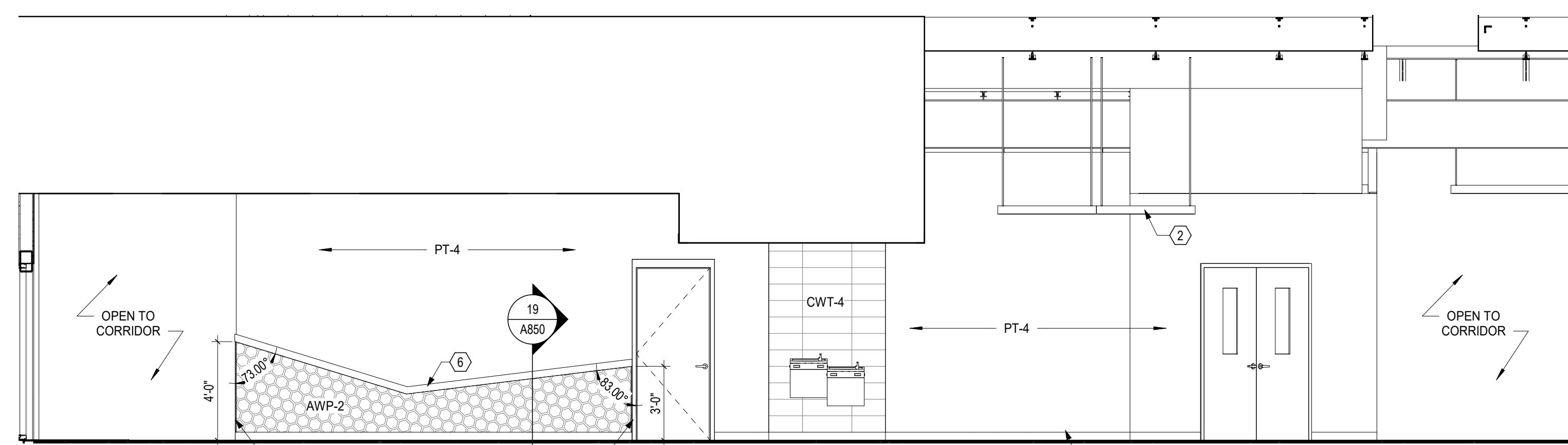
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN
DRAWING TITLE: **INTERIOR ELEVATIONS**

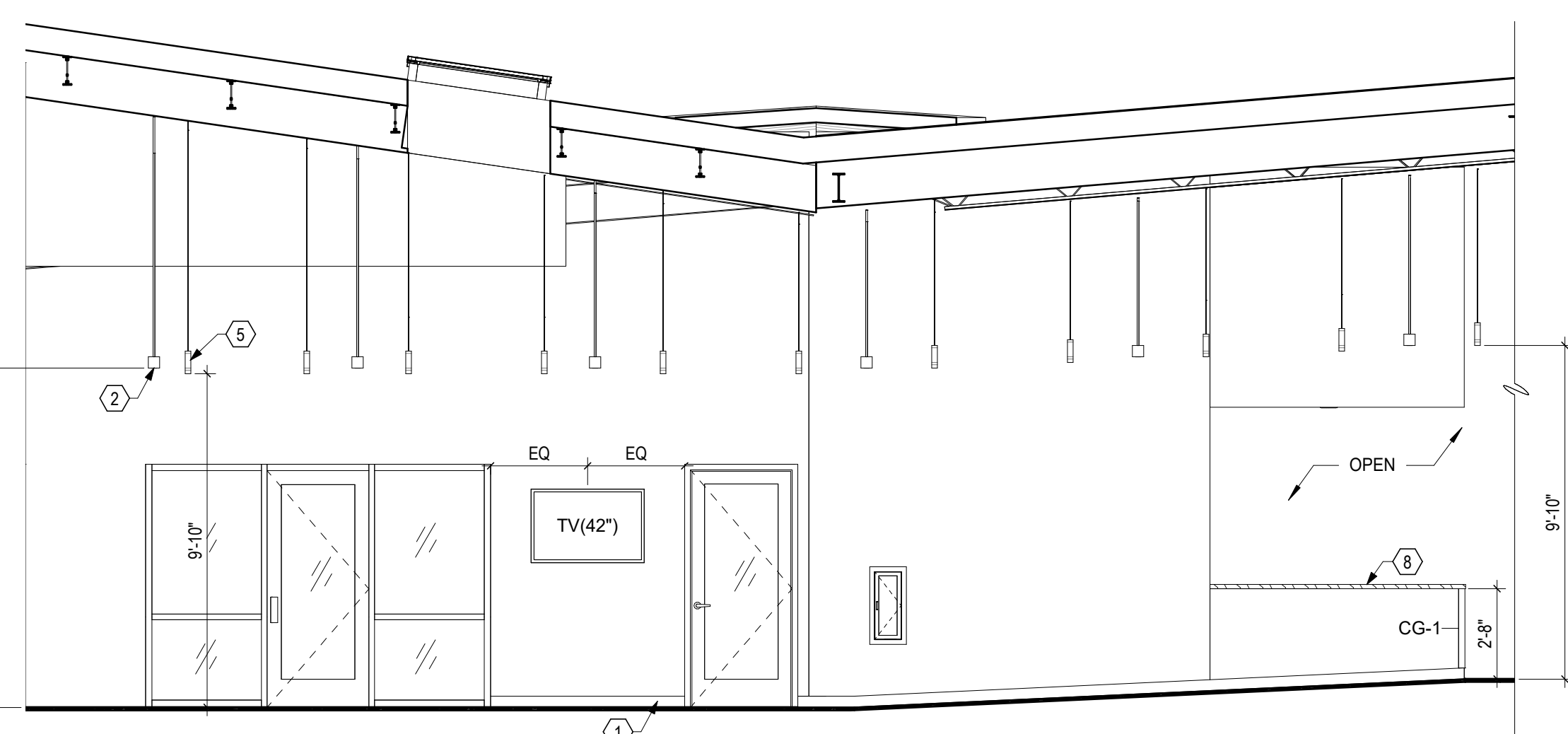
11-20-2020
DRAWN BY: Author CHECKED BY: Checker
Proj. #20047
A822
BID & PERMIT SET
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2021



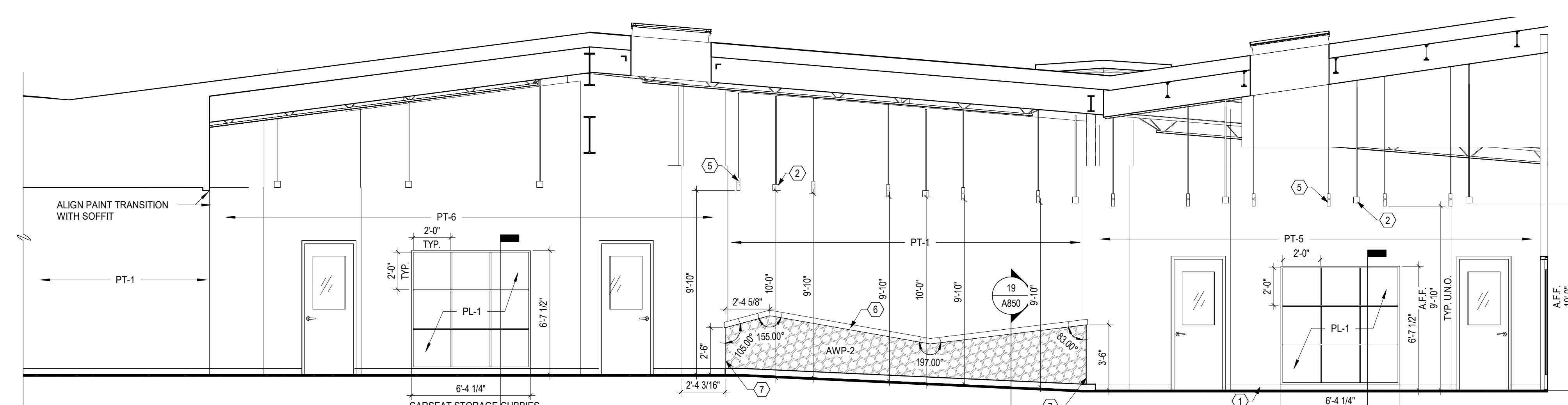
22 ELEVATION CORRIDOR 146 - EAST
1/4" = 1'-0" REF: 1 / A101



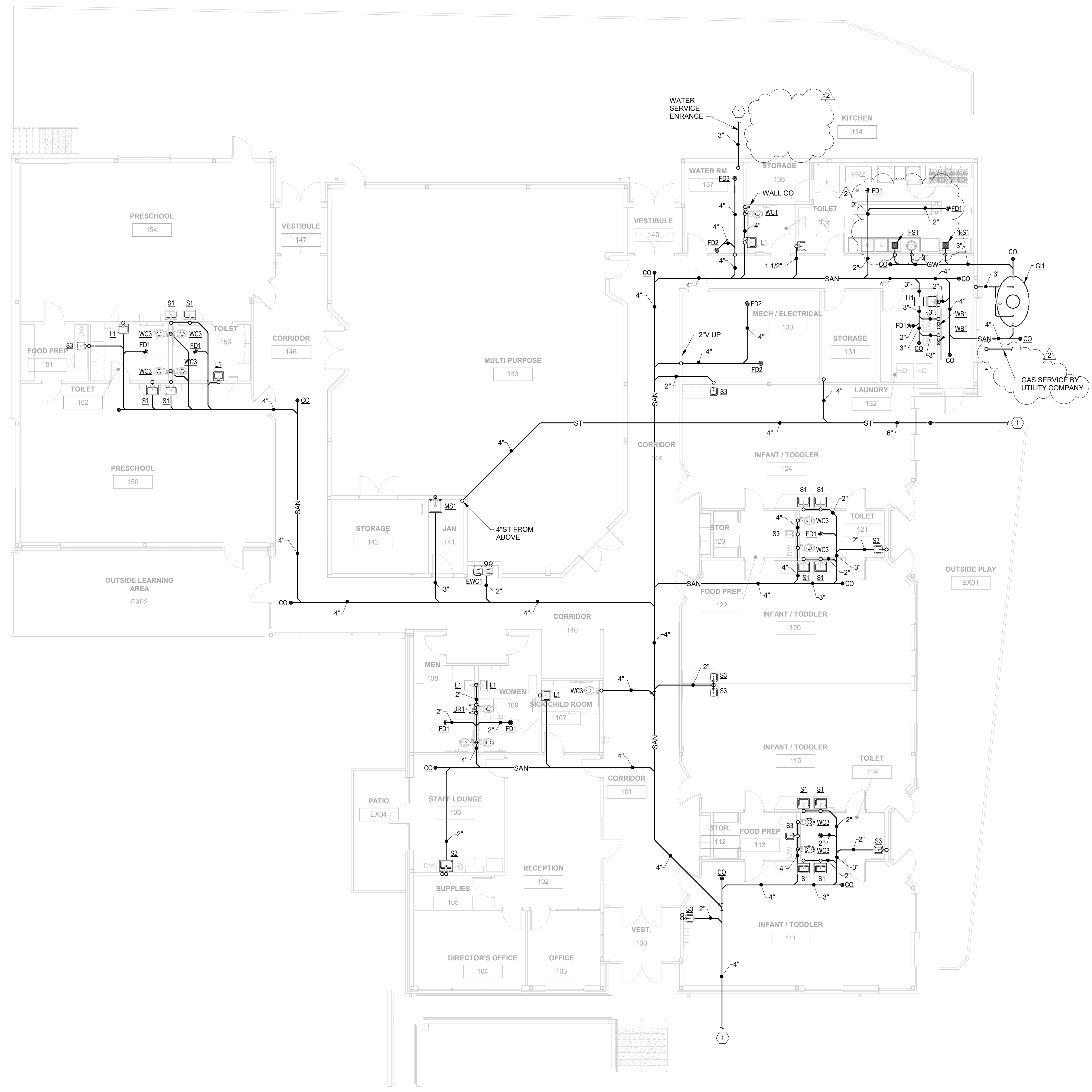
10 ELEVATION CORRIDOR 140 - NORTH
1/4" = 1'-0" REF: 1 / A101



21 ELEVATION CORRIDOR 101 - WEST
1/4" = 1'-0" REF: 1 / A101



13 ELEVATION CORRIDOR 101 - EAST
1/4" = 1'-0" REF: 1 / A101



1 PLAN UNDERFLOOR PLAN - PLUMBING
1/8" = 1'-0"

- CODED NOTES:
1. CONTINUED BY SITE CONTRACTOR.

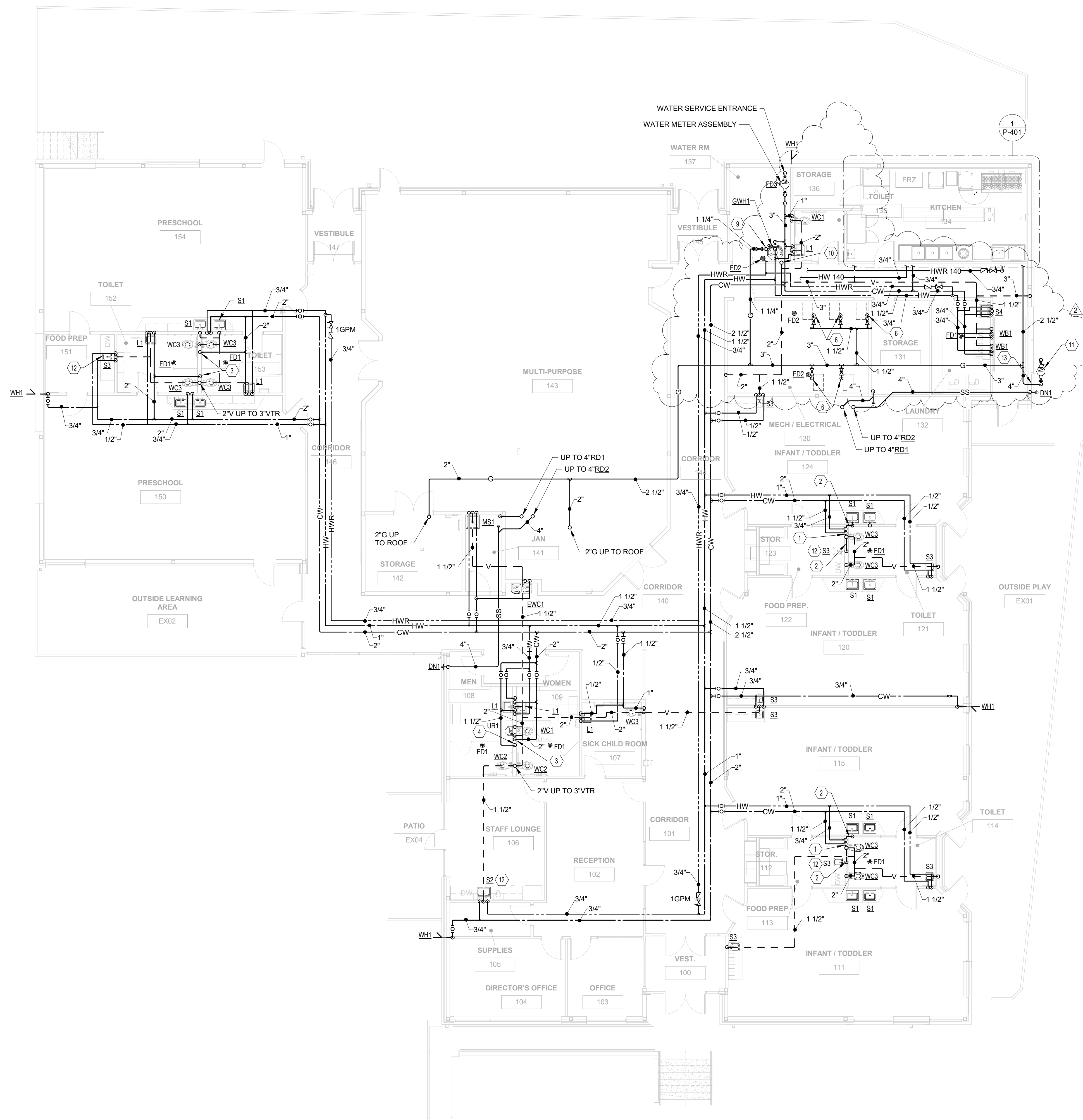
#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

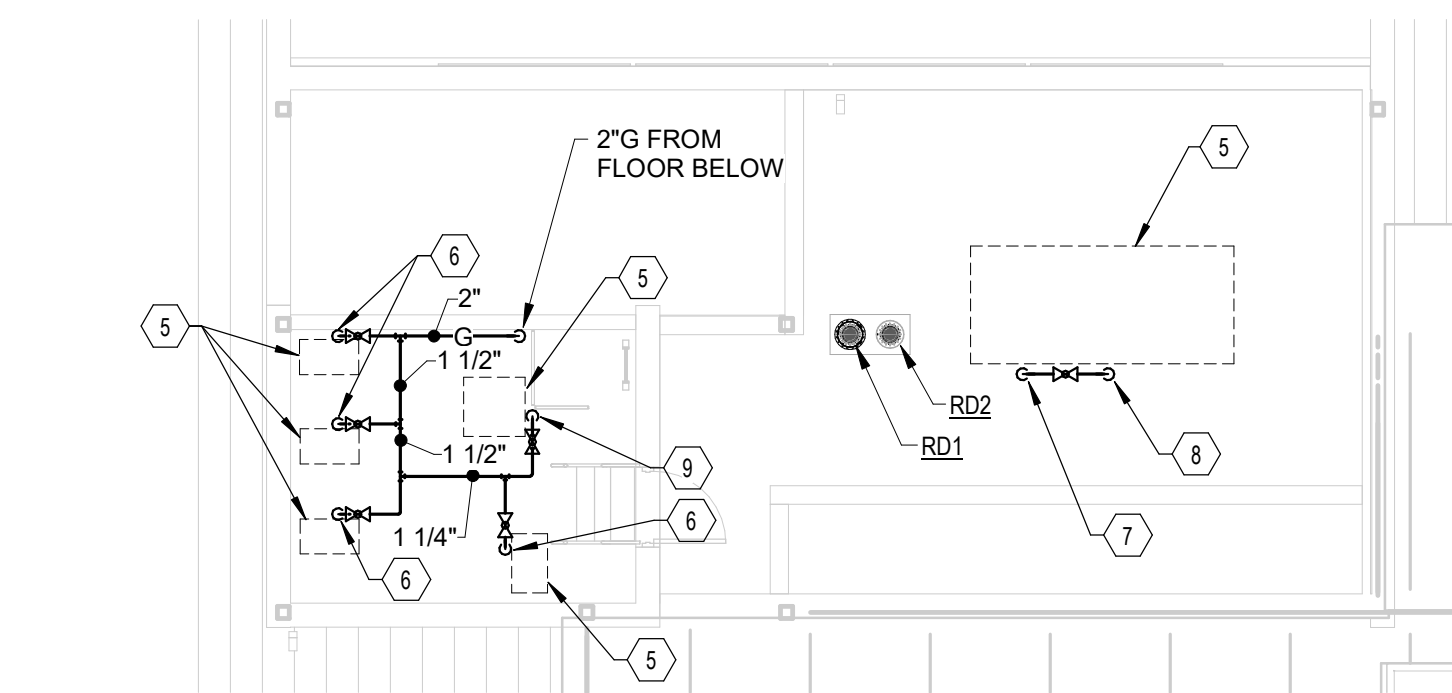
DRAWING TITLE:
UNDERFLOOR PLAN - PLUMBING

	11-20-2020
	DRAWN BY: JVA CHECKED BY: GOL
	Proj. #20047
P-100	
BID & PERMIT SET	



- CODED NOTES:
- 1-1/2" CW AND 3/4" HW DOWN IN WALL. RUN PIPING IN WALL AND CONNECT 1" CW TO EACH WC, 1/2" CW AND HW TO EACH SINK.
 - 1-1/2" VENT PIPING IN WALL UNDER WINDOWS.
 - 2" CW DOWN IN WALL. EXTEND AND CONNECT 1" CW TO EACH WC.
 - 1-1/2" CW DOWN IN WALL. EXTEND AND CONNECT 1" CW TO WC AND 3/4" CW TO UR.
 - HVAC EQUIPMENT.
 - 1" G DOWN TO GAS FIRED EQUIPMENT. COORDINATE GAS PIPING DROP LOCATION WITH GAS FIRED EQUIPMENT. PROVIDE SHUT OFF VALVE, DRIP LEG AND FINAL CONNECTION. SEE PLUMBING DETAIL SHEET FOR GAS APPLIANCE CONNECTION DETAIL.
 - GAS PIPING UP FROM BELOW. PROVIDE PIPE SUPPORT PER APPLICABLE FUEL GAS CODE. USE PRE-MANUFACTURED ROOF SUPPORTS SIMILAR TO ROOF TOP BLOX OR MIRO. PAINT AND LABEL PIPING.
 - 2" G DOWN TO GAS FIRED EQUIPMENT. COORDINATE GAS PIPING DROP LOCATION WITH GAS FIRED EQUIPMENT. PROVIDE SHUT OFF VALVE, DRIP LEG AND FINAL CONNECTION. SEE PLUMBING DETAIL SHEET FOR GAS APPLIANCE CONNECTION DETAIL.
 - 1-1/4" G DOWN TO GAS FIRED EQUIPMENT. COORDINATE GAS PIPING DROP LOCATION WITH GAS FIRED EQUIPMENT. PROVIDE SHUT OFF VALVE, DRIP LEG AND FINAL CONNECTION. SEE PLUMBING DETAIL SHEET FOR GAS APPLIANCE CONNECTION DETAIL.
 - 3" V UP TO 4" VTR.
 - PROPOSED LOCATION OF GAS METER AND REGULATOR PROVIDED BY GAS COMPANY. PLUMBING CONTRACTOR SHALL CONNECT TO OUTLET OF METER AND PROVIDE ALL SERVICE PIPING. COORDINATE INSTALLATION REQUIREMENTS WITH LOCAL GAS COMPANY. OUTLET PRESSURE OF THE REGULATOR SHALL BE SET TO 7" W.C. AND 1750CFH SERVICE FLOW.
 - EXTEND 1/2" CW FROM SINK SUPPLY AND CONNECT TO DISHWASHER. CONNECT DRAIN FROM DISHWASHER INTO GARBAGE DISPOSAL INLET OR TAILPIECE OF SINK.
 - GAS PIPING ENTRANCE ABOVE CEILING. SLEEVE PER GAS COMPANY AND CODE REQUIREMENTS.

1 PLAN FIRST FLOOR PLAN - PLUMBING
1/8" = 1'-0"



2 PLAN MECHANICAL PLATFORM PLAN - PLUMBING
1/8" = 1'-0"

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

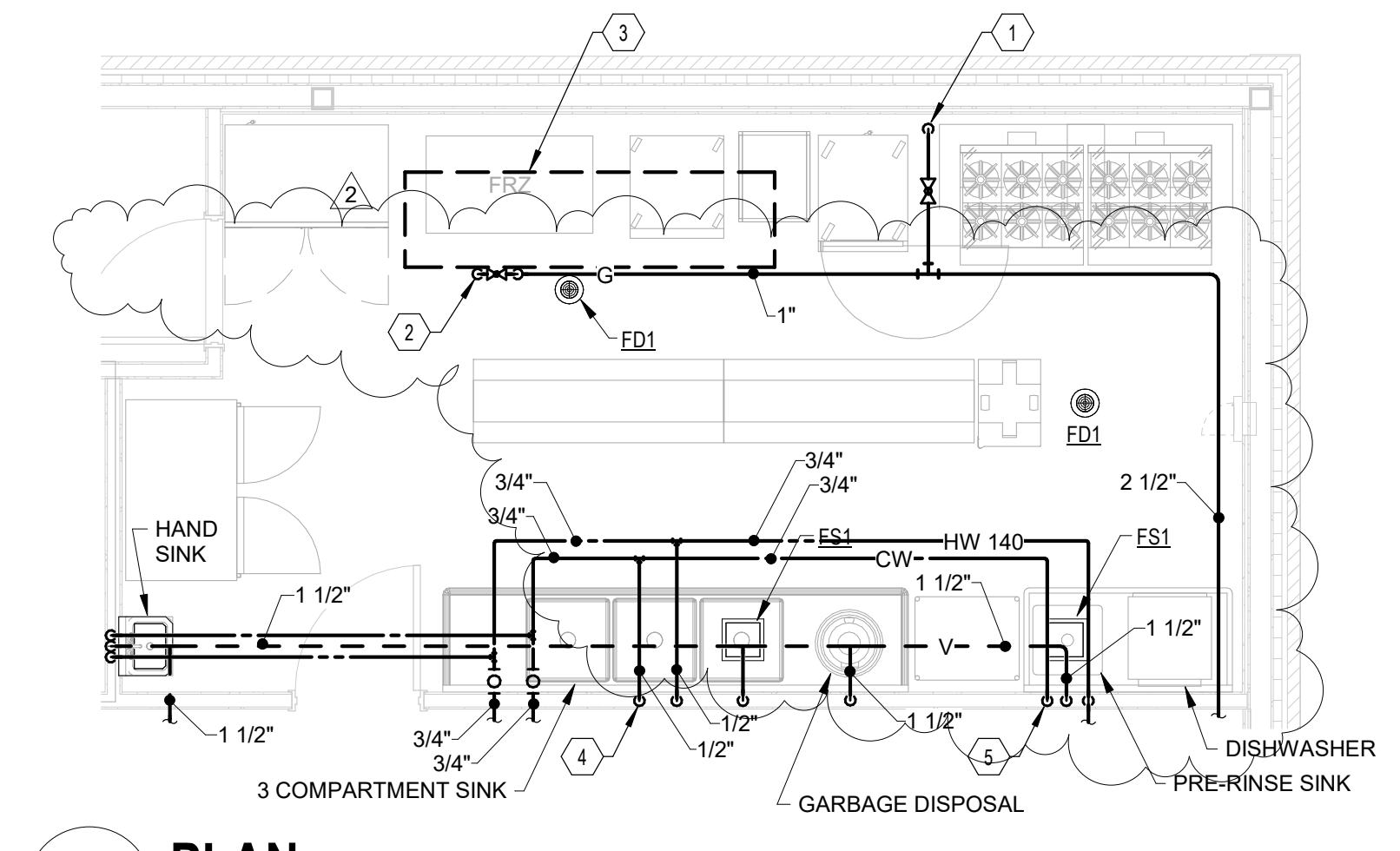
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 ODONNELL COURT COLUMBUS, OHIO
 FOR COLUMBUS METROPOLITAN HOUSING AUTHORITY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
FLOOR PLAN - PLUMBING

11-20-2020
 DRAWN BY: JVA CHECKED BY: GOL
 Proj. #20047

P-101
 BID & PERMIT SET



1 PLAN ENLARGED KITCHEN PLAN - PLUMBING
 1/4" = 1'-0"

- GENERAL NOTES:
- KITCHEN EQUIPMENT INFORMATION IS SCHEMATIC. CONTRACTOR TO COORDINATE WITH OWNER AND THEIR KITCHEN VENDOR FOR PRICING.
- CODED NOTES:
- 2" G DOWN ON WALL TO GAS HEADER FOR KITCHEN EQUIPMENT. INSTALL SOLENOID GAS SHUT OFF VALVE IN DROP FURNISHED WITH HOOD.
 - 1" G TO MAKE UP AIR UNIT. PROVIDE SHUT OFF VALVE, DIRT LEG AND FINAL CONNECTION. COORDINATE LOCATION WITH MECHANICAL EQUIPMENT.
 - MECHANICAL EQUIPMENT.
 - 1/2" CW AND HW DOWN IN WALL. CONNECT 1/2" CW AND HW TO 3 COMPARTMENT SINK AND EXTEND 1/2" CW IN WALL AND CONNECT TO GARBAGE DISPOSAL.
 - 3/4" CW AND 1/2" HW DOWN IN WALL. CONNECT 1/2" CW AND HW TO PRE-RINSE FAUCET AND EXTEND 1/2" CW IN WALL AND CONNECT TO DISHWASHER.

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 O'DONNELL COURT COLUMBUS, OHIO
 FOR COLUMBUS METROPOLITAN HOUSING AUTHORITY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
ENLARGED PLANS - PLUMBING

	11-20-2020
	DRAWN BY: JVA CHECKED BY: GOL
	Proj. #20047
	P-401
BID & PERMIT SET	

PLUMBING FIXTURE ROUGH-IN SCHEDULE						
FIXTURE	WASTE	TRAP	VENT	COLD	HOT	
WC1	4"	INTEGRAL	2"	1"	NA	
WC2	4"	INTEGRAL	2"	1"	NA	
WC3	4"	INTEGRAL	2"	1"	NA	
L1	1-1/2"	1-1/4"x1-1/2"	1-1/2"	1/2"	1/2"	
MS1	3"	3"	1-1/2"	1/2"	1/2"	
EWC1	1-1/2"	1-1/4"x1-1/2"	1-1/2"	1/2"	NA	
S1	2"	2"	1-1/2"	1/2"	1/2"	
S2	2"	2"	1-1/2"	1/2"	1/2"	
S3	2"	2"	1-1/2"	1/2"	1/2"	
S4	2"	2"	1-1/2"	1/2"	1/2"	
FD1	2"	2"	1-1/2"	NA	NA	
FD2	4"	4"	2"	NA	NA	
WH1	NA	NA	NA	3/4"	NA	
HB1	NA	NA	NA	1/2"	NA	
WB1	1-1/2"	1-1/2"	1-1/2"	1/2"	NA	

PLUMBING FIXTURE SCHEDULE			
TAG	FIXTURE DESCRIPTION	MANUFACTURER	MODEL #
2 WC1	WATER CLOSET: VITREOUS CHINA, FLOOR MOUNTED ELONGATED BOWL, 1-1/2" INLET TOP SPUD, LOW-CONSUMPTION 1.1 GPF, DIRECT-FED SIPHON JET ACTION, FULLY-GLAZED 2-1/8" TRAPWAY, 10"x12" WATER, SURFACE AREA, MEETS ASME FLUSH REQUIREMENTS AT 1.1 GPF.	AMERICAN STANDARD	2234.001
2 WC1	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 1" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 1.1 GPF.	ZURN	ZER8000AV-ONE-CPM
2 WC2	WATER CLOSET: ADA COMPLIANT, VITREOUS CHINA FLOOR MOUNTED ELONGATED BOWL, 1-1/2" INLET TOP SPUD, LOW-CONSUMPTION 1.1 GPF, DIRECT-FED SIPHON JET ACTION, FULLY-GLAZED 2-1/8" TRAPWAY, 10"x12" WATER, SURFACE AREA, MEETS ASME FLUSH REQUIREMENTS AT 1.1 GPF.	AMERICAN STANDARD	3043.001
2 WC2	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 1" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 1.1 GPF.	ZURN	ZER8000AV-ONE-CPM
2 WC3	CHILD'S WATER CLOSET: VITREOUS CHINA, FLOOR MOUNTED ELONGATED BOWL, 1-1/2" INLET TOP SPUD, LOW-CONSUMPTION 1.28 GPF, DIRECT-FED SIPHON JET ACTION, FULLY-GLAZED TRAPWAY, 14" RIM HEIGHT, MEETS ASME FLUSH REQUIREMENTS.	AMERICAN STANDARD	2599.001
2 WC3	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 1" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 1.28 GPF.	ZURN	ZER6000-CPM-HET
2 UR1	URINAL: ADA COMPLIANT, VITREOUS CHINA, WALL HUNG, HIGH EFFICIENCY 0.5 GPF, FLUSHING RIM, ELONGATED 14" RIM FROM FINISHED WALL, WASHOUT FLUSH ACTION, EXTENDED SIDES FOR PRIVACY, 3/4" INLET TOP SPUD, OUTLET CONNECTION THREADED 2" INSIDE, MEETS ASME FLUSH REQUIREMENTS AT 0.5 GPF, STAINLESS STEEL STRAINER.	AMERICAN STANDARD	6590.001
2 UR1	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 3/4" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 3/4" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 0.125 GPF.	ZURN	ZER6003PL-CP-JULF
2 L1	LAVATORY: 20-1/2" X 18-1/4", VITREOUS CHINA, WALL HUNG, FRONT OVERFLOW, SELF-DRAINING DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FAUCET LEDGE, FAUCET HOLES ON 4" CENTERS, CONCEALED ARMS SUPPORT.	AMERICAN STANDARD	0355.012
2 L1	FAUCET: DECK MOUNTED FAUCET WITH 4-7/8" INTEGRAL SPOUT, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, 0.5 GPM PRESSURE COMPENSATING AERATOR OUTLET, LEVER HANDLE, 4" CENTERS, GRID DRAIN, LESS POP-UP.	AMERICAN STANDARD	7385.004_V05
2 MS1	MOP SINK: 36"x36", ONE PIECE PRECAST TERRAZZO, MARBLE CHIPS CAST IN PORTLAND CEMENT, 12" HIGH, SHOULDERS SHALL NOT BE LESS THAN 2" WIDE WITH 1/2" PITCH TOWARD INSIDE, STAINLESS STEEL CAPS ON ALL CURBS, DRAIN BODY MADE OF STAINLESS STEEL CAST INTEGRALLY AND PROVIDE FOR A CAULKED LEAD CONNECTION NOT LESS THAN 1" DEEP TO A 3" PIPE.	CREATIVE INDUSTRIES	MC3636-12
2 EWC1	ELECTRIC WATER COOLER: ADA COMPLIANT, DUAL HEIGHT, WALL-MOUNTED, FRONT PUSH PADS, GALVANIZED STEEL CHASSIS, ONE PIECE STAINLESS STEEL TOP, BRUSHED STAINLESS STEEL CHABRIER FINISH, FLEXIBLE BUBBLER GUARD, HEAVY DUTY, ONE PIECE CONSTRUCTION, 8 GPM 50°F WATER AT 80°F AMBIENT AND 80°F INLET WATER, BUILT-IN 100 MICRON STRAINER, FILTER FOR TASTE, ODOR, LEAD AND CHLORINE REDUCTION, AND FILTER MONITOR, EQUIPPED WITH ELECTRIC COORD AND THREE PRONG MOLDED RUBBER PLUG, REFRIGERANT RFC-134A.	OASIS	PGF8ACSL
2 S1	SINK: 19"x17-1/2"x7-1/2" DEEP, SINGLE BOWL, #18 GAUGE, TYPE 304 NICKEL BEARING STAINLESS STEEL, TOP MOUNT, 1-3/4" VERTICAL AND HORIZONTAL RADIUS, BOWL AND FAUCET DECK RECESS 3/16" BELOW OUTSIDE EDGE OF SINK, FULLY UNDERCOATED TO DAMPEN SOUND AND PREVENT CONDENSATION, 3-1/2" DRAIN OPENING, 3 HOLES, 4" CENTERS.	JUST	SL-17519-A-GR
2 S2	FAUCET: DECK MOUNTED RIGID/ SWING GOOSENECK SPOUT FAUCET, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, 8" CENTERS, 5-1/4" SWING SPOUT, 0.5 GPM PRESSURE COMPENSATING NON-AERATORING OUTLET, METAL HANDLES AND SECURED COLOR CODED INDEX BUTTONS.	CHICAGO	786-E72-369ABCP
2 S3	SINK: 22"x21-1/2"x7-1/2" DEEP, SINGLE BOWL, #18 GAUGE, TYPE 304 NICKEL BEARING STAINLESS STEEL, TOP MOUNT, 1-3/4" VERTICAL AND HORIZONTAL RADIUS, BOWL AND FAUCET DECK RECESS 3/16" BELOW OUTSIDE EDGE OF SINK, FULLY UNDERCOATED TO DAMPEN SOUND AND PREVENT CONDENSATION, 3-1/2" DRAIN OPENING, 2 HOLES, 4" CENTERS.	JUST	SL-2122-A-GR
2 S4	FAUCET: WALL MOUNTED, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, ATMOSPHERIC VACUUM BREAKER SPOUT WITH PAIL HOOK AND WALL BRACE, 3/4" MALE GARDEN HOSE THREAD OUTLET, CERAMIC OPERATING CARTRIDGES, INTEGRAL CHECK VALVES IN SUPPLY ARMS, LEVER HANDLES WITH SECURED COLOR CODED INDEX BUTTONS.	CHICAGO	786-GN8AE72-369AB
2 FD1	FLOOR SINK: CAST IRON BODY, 8-1/2-INCH-SQUARE NICKEL BRONZE GRATE, ACID RESISTANT COATED INTERIOR, ALUMINUM BOTTOM DOME STRAINER, PIPE SIZE AS INDICATED ON DRAWINGS, SURESEAL INLINE TRAP SEALER.	J.R. SMITH	2142
2 FD2	CAST IRON BODY, 12-INCH-DIAMETER CAST IRON TRACTOR GRATE, SOLID FREE-STANDING SEDIMENT BUCKET, SIZE AS INDICATED ON DRAWINGS. FLOOR DRAINS LOCATED IN MECHANICAL ROOMS TO HAVE CAST IRON FUNNELS, SURESEAL INLINE FLOOR DRAIN TRAP SEALER.	J.R. SMITH	3100
2 RD1	LARGE GENERAL PURPOSE ROOF DRAIN WITH CAST IRON BODY, CAST IRON DOME, BOTTOM OUTLET, ADJUSTABLE EXTENSION SLEEVE, REVERSED COLLAR, FLASHING CLAMP WITH GRAVEL STOP, SUMP RECEIVER, AND UNDERDECK CLAMP, PROVIDE EXPANSION JOINT ON ALL BOTTOM OUTLET ROOF DRAINS. SIZE OF PIPING ON PLAN INDICATES OUTLET SIZE OF ROOF DRAINS.	J.R. SMITH	1015-C-CID
2 DN1	DOWNSPOUT NOZZLE, POLISHED BRONZE BODY, NPT THREADS, WALL FLANGE WITH MOUNTING HOLES, SIZE OF PIPING ON PLANS INDICATES OUTLET SIZE, PROVIDE BIRD SCREEN.	J.R. SMITH	1045-C-CID
2 WB1	WASHER CONNECTION BOX: 12" COMBINATION MPT BRASS SWEAT CONNECTION, 1/2" HOSE END VALVES, 2" DRAIN PIPE AND OVERFLOW GUARD.	J.R. SMITH	1770
2 G1	GREASE INTERCEPTOR: TOTAL LIQUID CAPACITY OF 500 GALLONS WITH A GREASE STORAGE CAPACITY OF 279 GALLONS AND A SOLIDS CAPACITY OF 87 GALLONS.	WOODFORD	24
2 L11	LINT INTERCEPTOR, ACID RESISTANT COATED FABRICATED STEEL, RECESSED IN FLOOR, NON-SKID SECURED COVER, PERMANENT PRIMARY STRAINING BAFFLE AND ALUMINUM LINT INTERCEPTING SECONDARY SCREEN ASSEMBLY.	GUY GRAY	MWB3
		PROCEPTOR	GMC500
		J.R. SMITH	8910-20

DOMESTIC WATER HEATER SCHEDULE											
TAG	ELECTRIC		CFH INPUT	MINIMUM EFFICIENCY	GALLONS OF STORAGE	RECOVERY AT 100°F	EXHAUST SIZE	INTAKE SIZE	MANUFACTURER	MODEL #	NOTES
	VOLT	PHASE									
GWH1	120	1	150	95%	100	235	4"	4"	A.O. SMITH	BTH-199	SET TANK TEMPERATURE TO 140°F

EXPANSION TANK SCHEDULE						
TAG	TOTAL VOLUME (GALLONS)	ACCEPTANCE VOLUME (GALLONS)	INLET	MANUFACTURER	MODEL #	NOTES
ET1	6.4	3.2	3/4"	AMTROL	ST-12C	CHARGE TO INCOMING WATER PRESSURE AFTER REDUCED PRESSURE BACKFLOW PREVENTER

PUMP SCHEDULE									
TAG	LOCATION	ELECTRIC			GPM	FEET OF HEAD	MANUFACTURER	MODEL #	NOTES
		VOLT	PHASE	HP					
RCP1	MECHANICAL ROOM	120	1	1/12	5	10	BELL & GOSSETT	PL-30B	

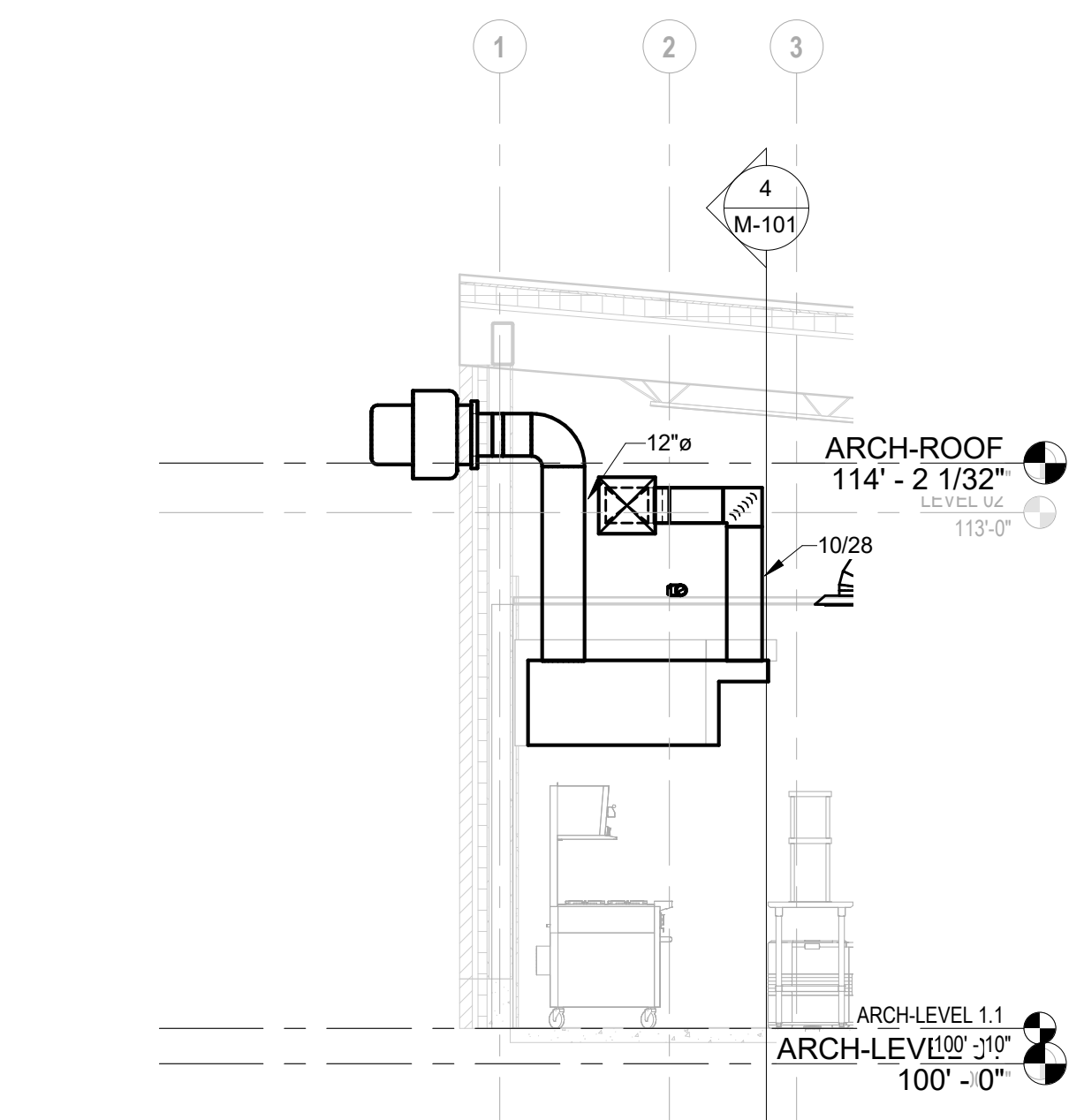
THERMOSTATIC MIXING VALVE SCHEDULE								
TAG	MINIMUM GPM	MAXIMUM GPM	PRESSURE DROP (PSI)	INLET SIZE	OUTLET SIZE	MANUFACTURER	MODEL #	NOTES
TMV1	0.5	30	10	3/4"	1"	BRADLEY	S58-3045	SET DISCHARGE TEMPERATURE TO 120°F

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

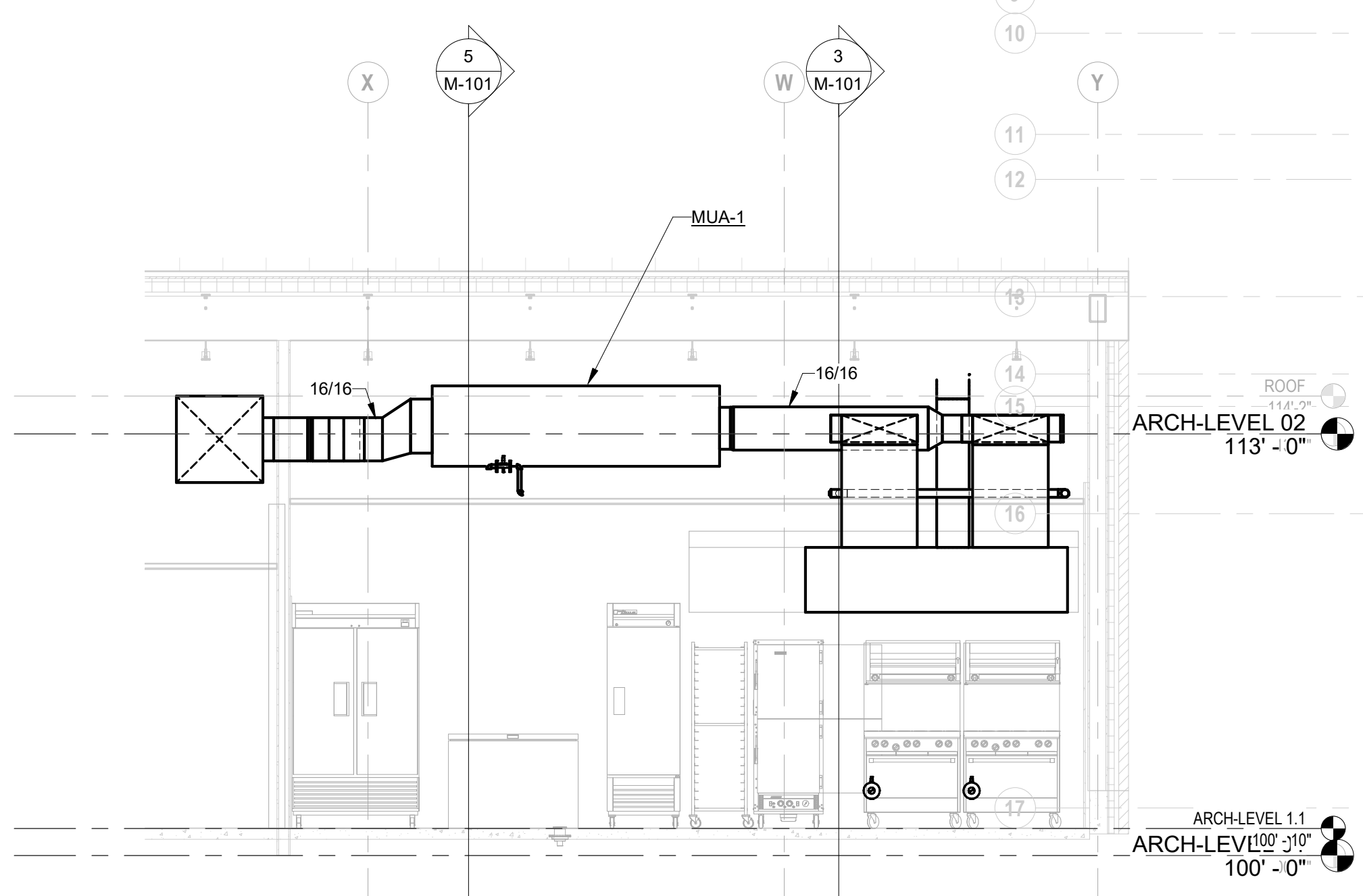
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY FOR COLUMBUS METROPOLITAN HOUSING AUTHORITY
 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664 FAX: (614) 280-8881

DRAWING TITLE: **SCHEDULES - PLUMBING**

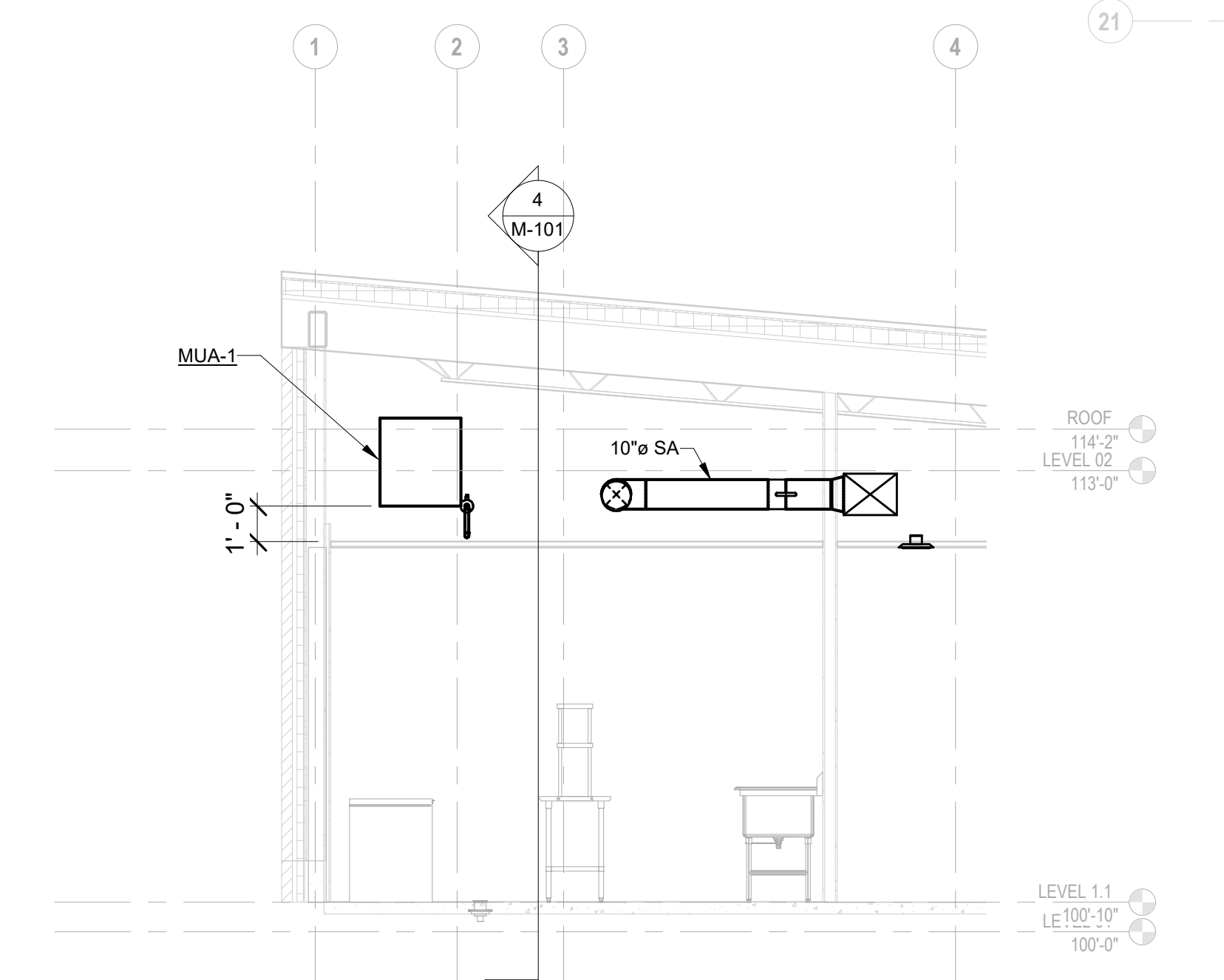
11-20-2020
 DRAWN BY: JVA CHECKED BY: GOL
 Proj. #20047
P-601
 BID & PERMIT SET



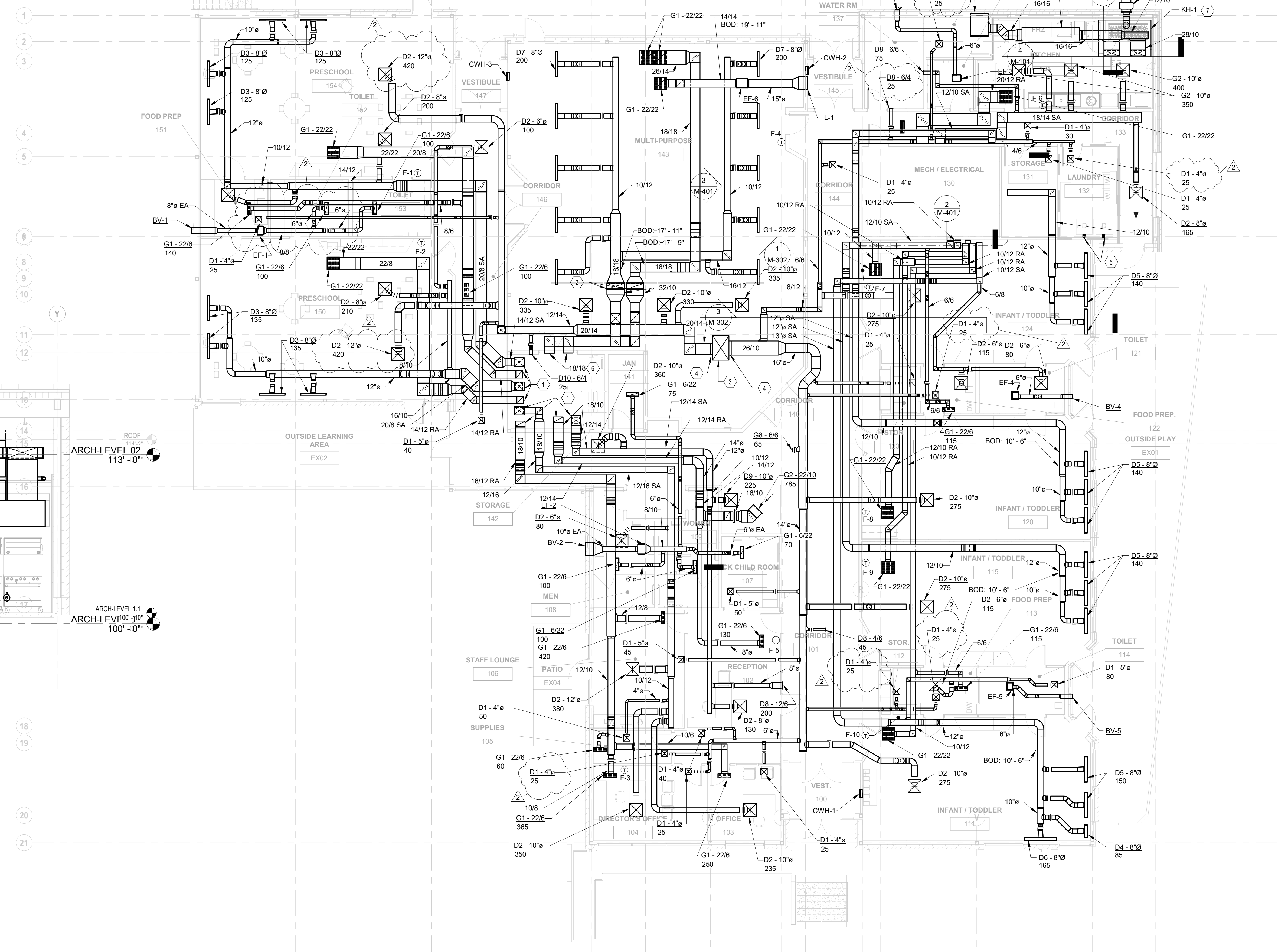
3 SECTION Section 101
1/4" = 1'-0" REF: 1 / M-101



4 SECTION Section 89
1/4" = 1'-0" REF: 1 / M-101



5 SECTION Section 88
1/4" = 1'-0" REF: 1 / M-101



1 PLAN FIRST FLOOR PLAN - MECHANICAL
1/8" = 1'-0"

- GENERAL NOTES:
- KITCHEN EQUIPMENT INFORMATION IS SCHEMATIC. CONTRACTOR TO COORDINATE WITH OWNER AND THEIR KITCHEN VENDOR FOR PRICING.
- CODED NOTES:
- DUCT UP TO MECHANICAL ROOM. SEE M-401 FOR CONTINUATION OF DUCT ROUTING.
 - SUPPLY AND RETURN DUCT UP TO HIGH CEILING IN CHASE. SIZE AS INDICATED.
 - EXTEND FULL SIZE DUCT OPENING FROM DOAS-1.
 - CONNECT TO SUPPLY DUCT PLENUM.
 - 4" DRYER VENT THROUGH ROOF. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
 - SEE M-401 FOR CONTINUATION OF DUCT ROUTING.
 - PROVIDED BY KITCHEN EQUIPMENT VENDOR.

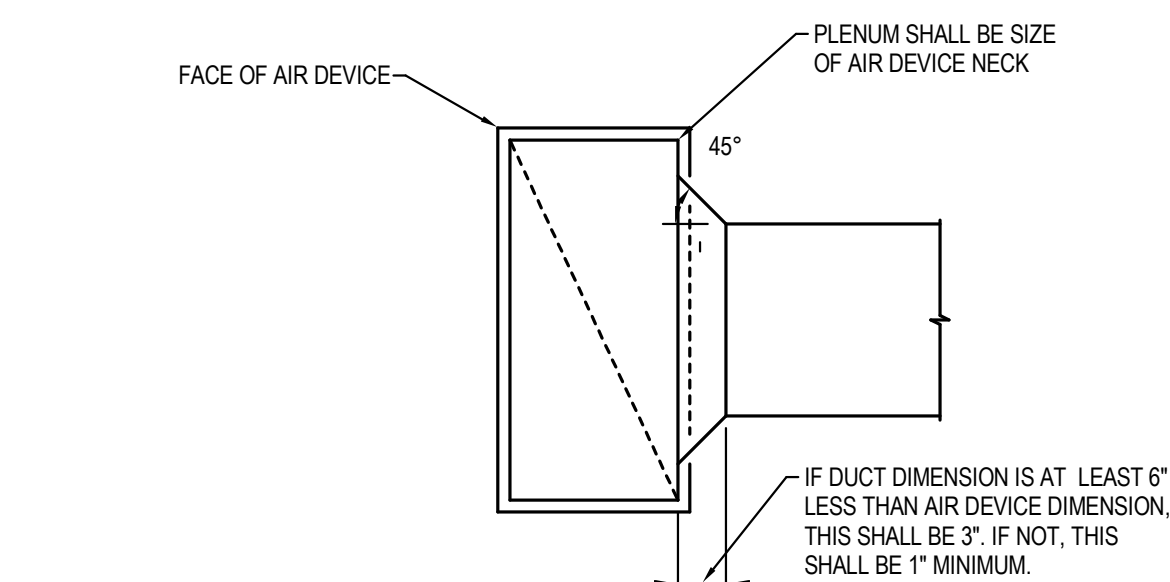
#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
FOR COLUMBUS METROPOLITAN HOUSING AUTHORITY

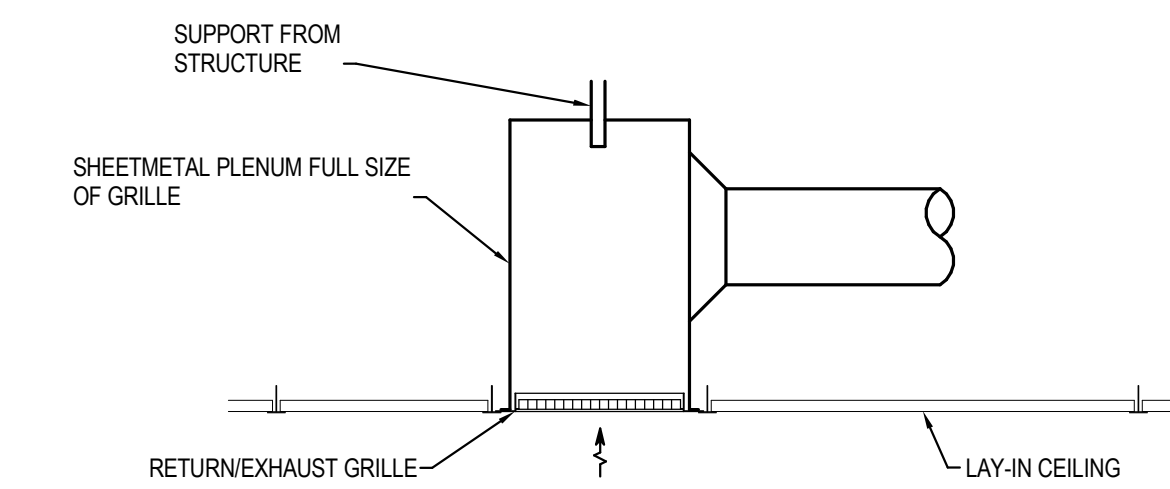
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
FLOOR PLAN - MECHANICAL

11-20-2020
DRAWN BY: DB CHECKED BY: GOL
Proj. #20047
M-101
BID & PERMIT SET



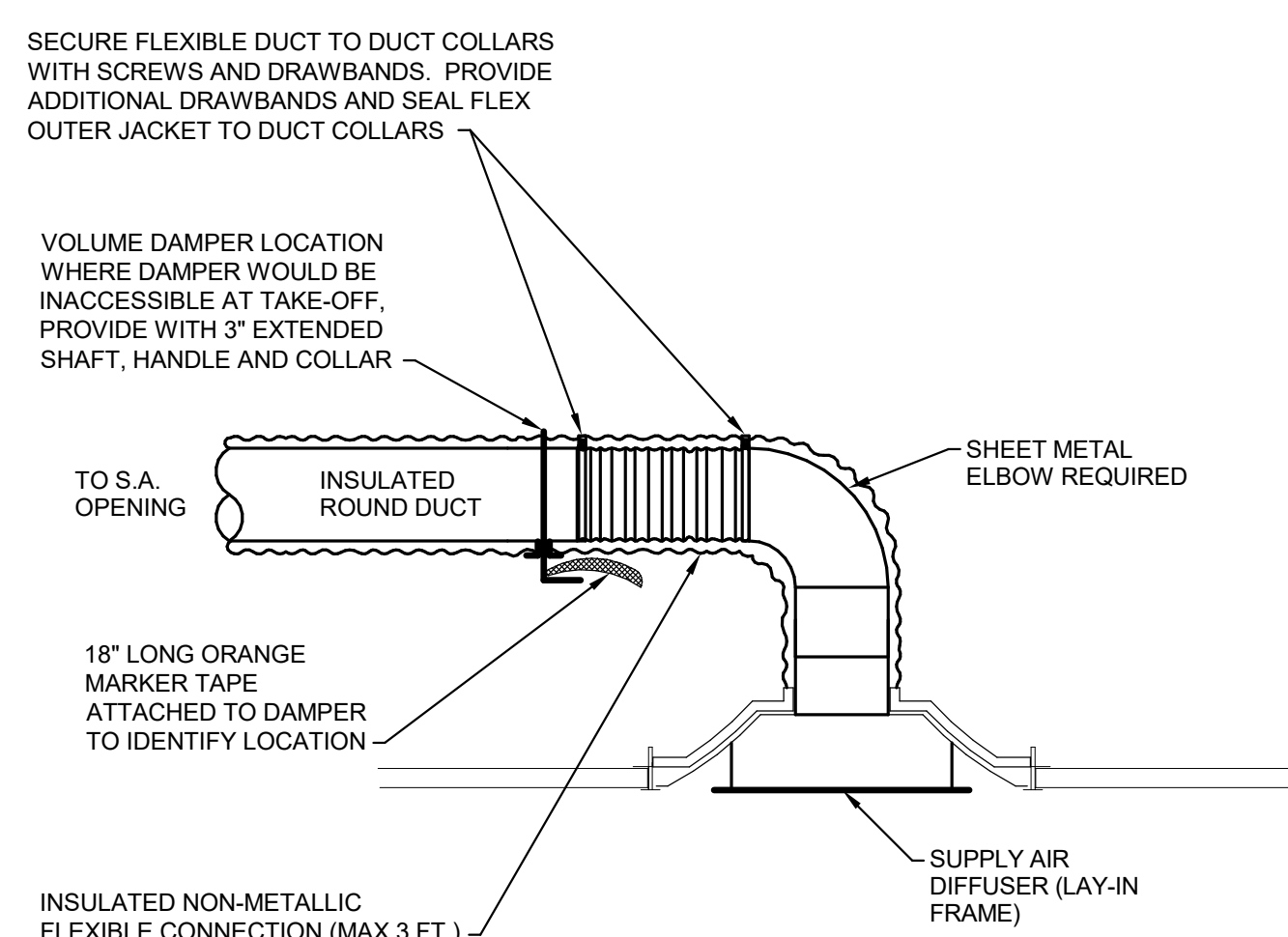
RECTANGULAR DUCT



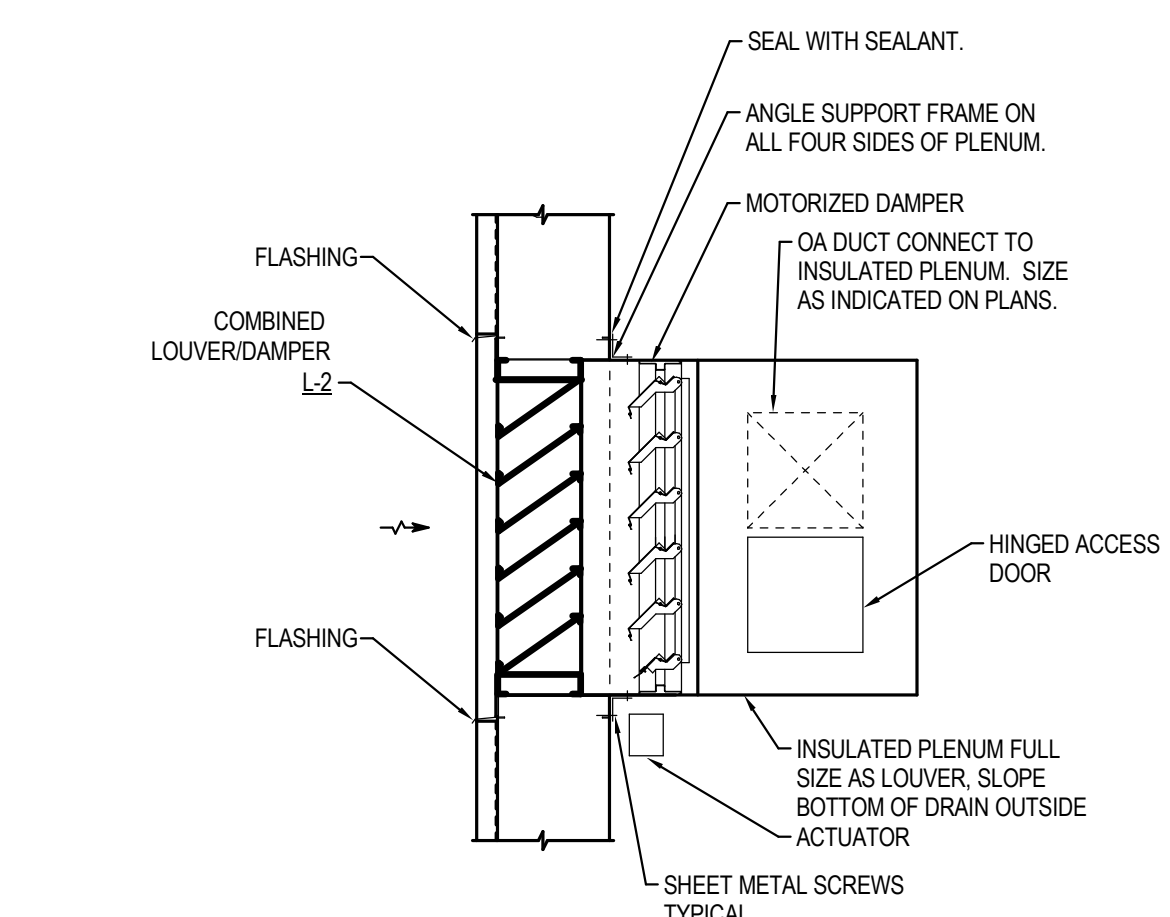
ROUND DUCT

- NOTES:**
1. THIS CONNECTION DETAIL APPLIES WHEN DUCT WIDTH IS LESS THAN 70% OF THE AIR DEVICE WIDTH.
 2. CONNECTION MAY ALSO BE ON THE SHORT END. SAME REQUIREMENTS APPLY.
 3. SEE PLAN FOR SIZE.

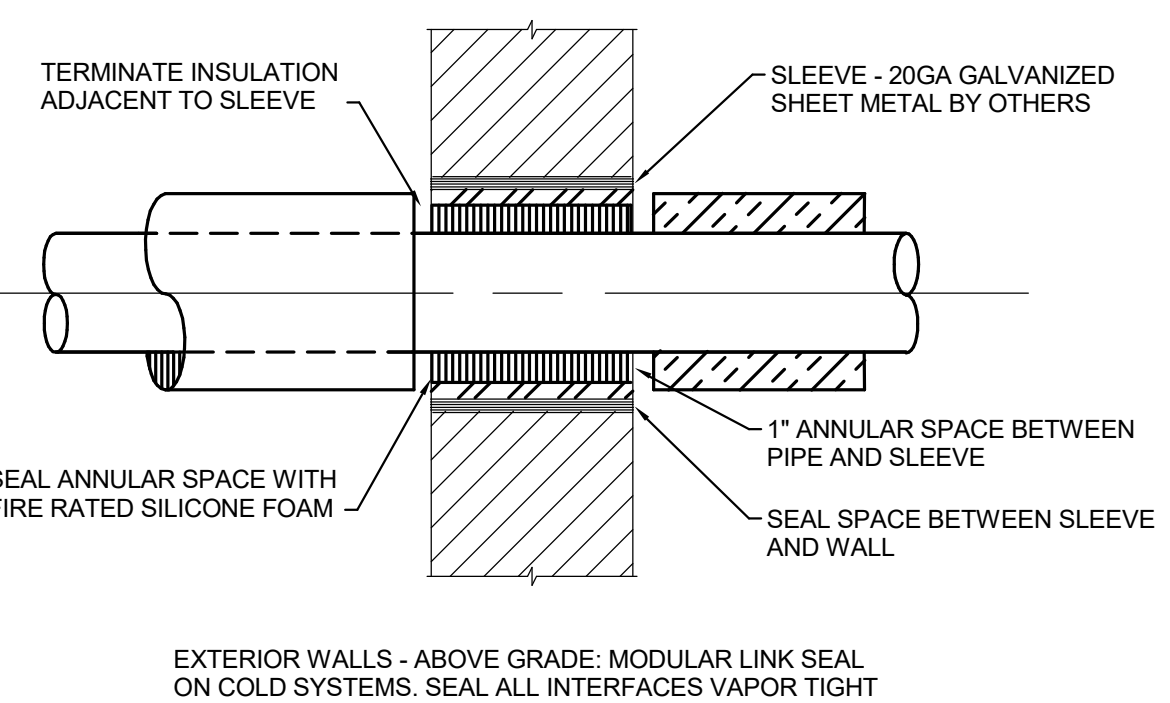
1 DETAIL - RETURN/EXHAUST GRILLE CONNECTION
NTS



5 DETAIL - DIFFUSER MOUNTING
NTS

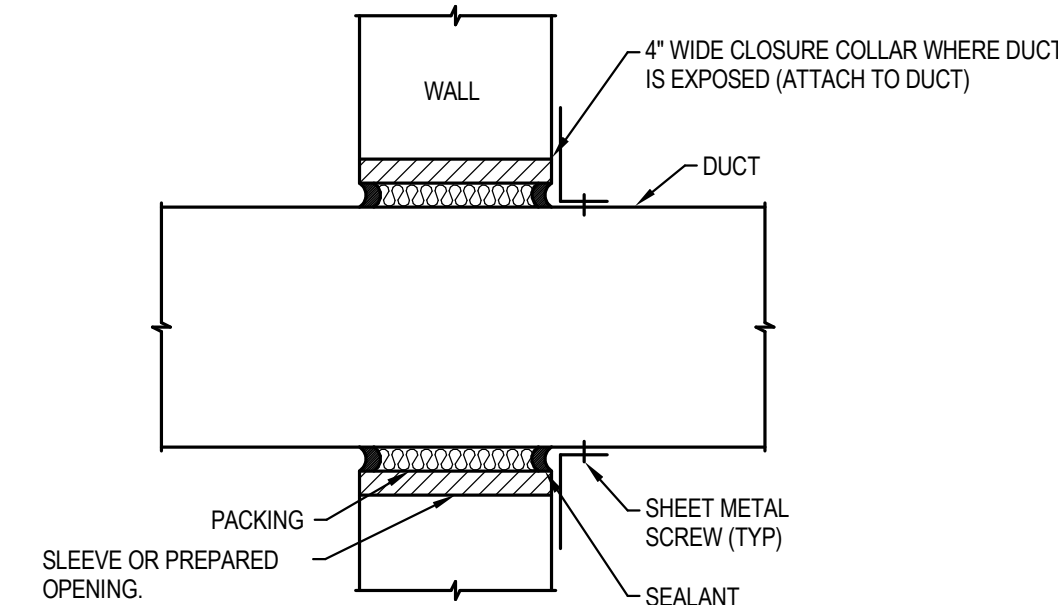
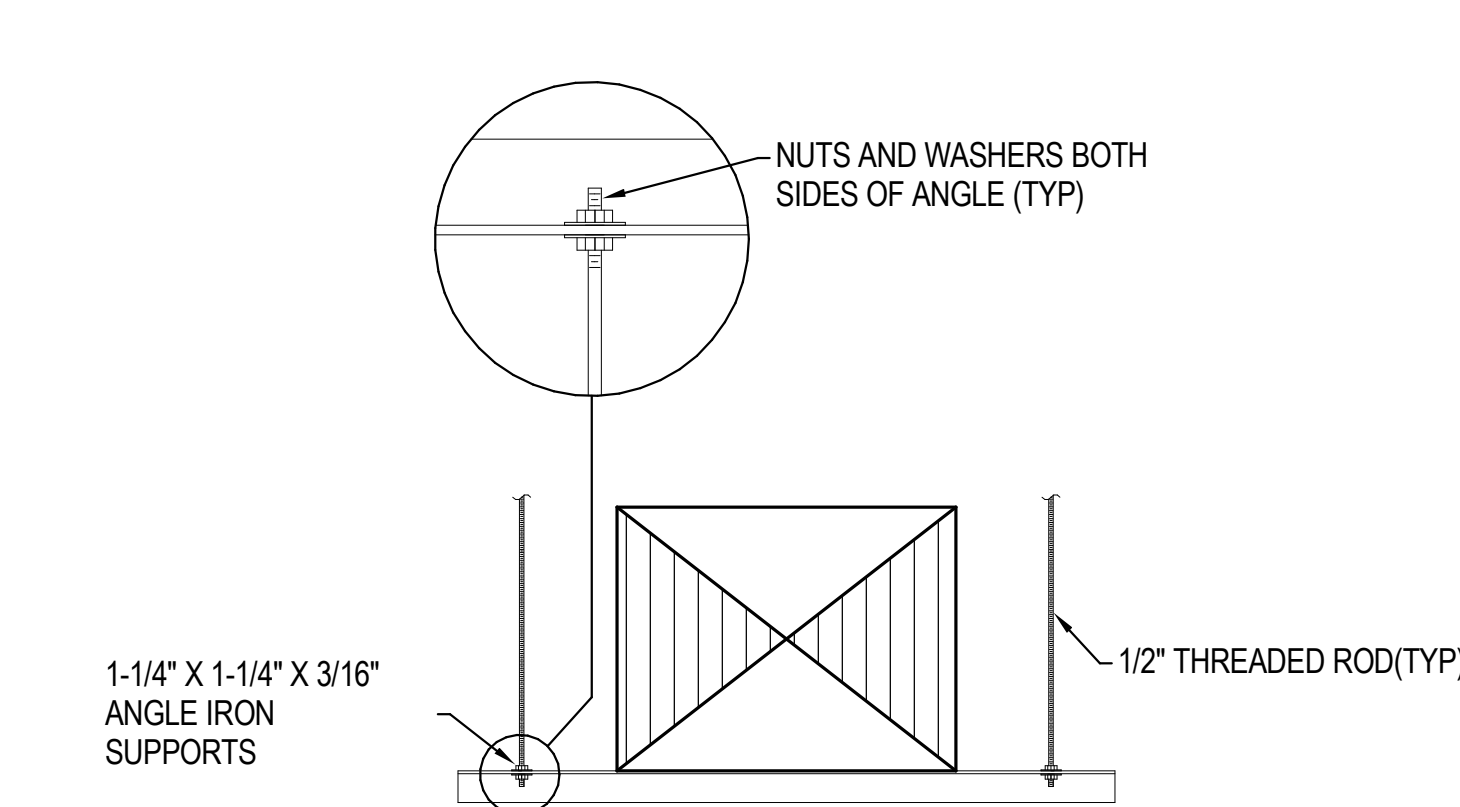


10 DETAIL - AIR INTAKE LOUVER
NTS



11 DETAIL - TYPICAL PIPE ROOF PENETRATION
NTS

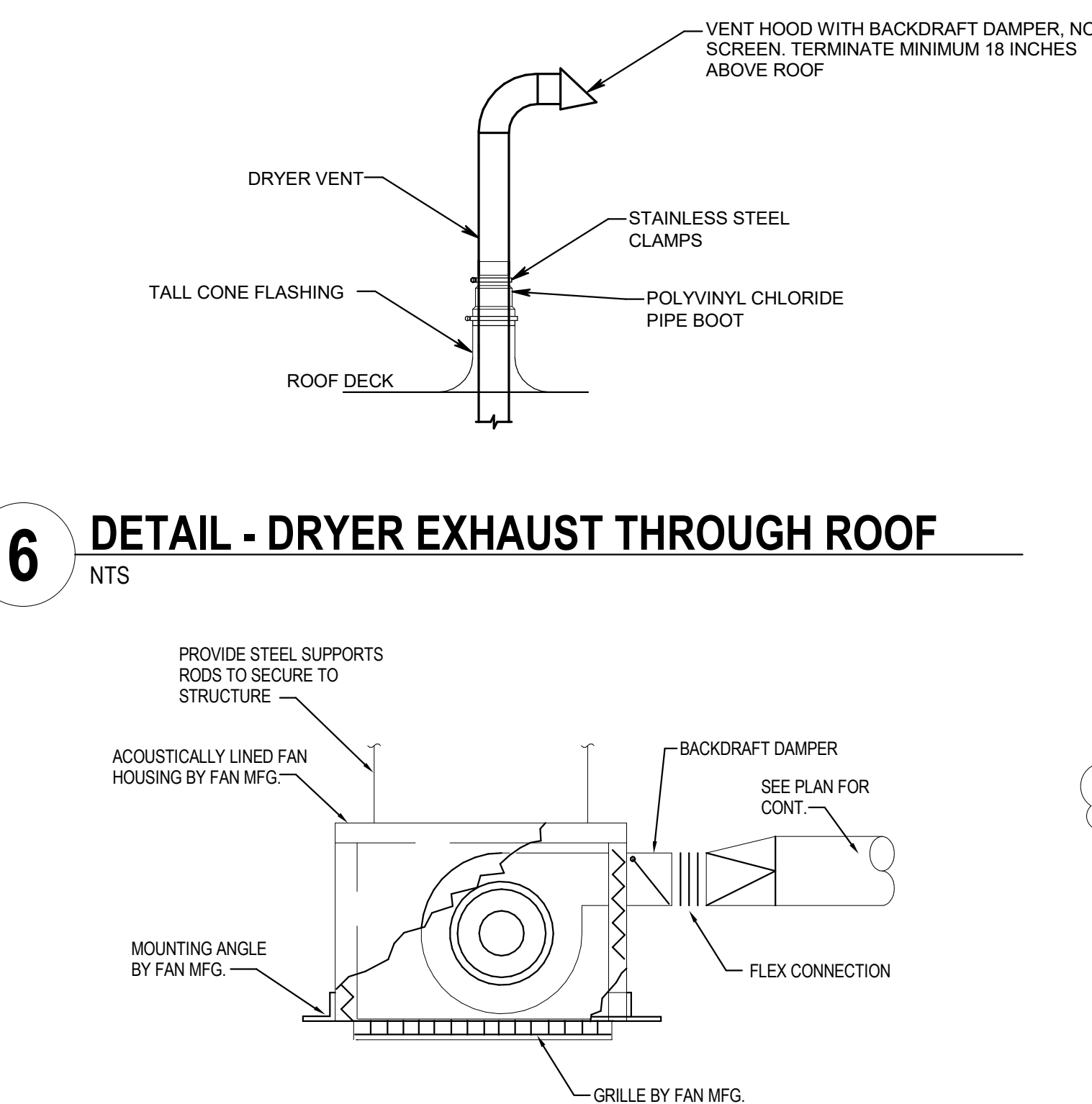
2 DETAIL - DUCTWORK HANGER
NTS



- NOTES:**
- A. DETAIL IS NOT APPLICABLE WHERE FIRE DAMPER, REGISTER, SECURITY PENETRATION, OR DIFFUSER IS PROVIDED.
 - B. PROVIDE SEPARATE AND UNCONNECTED SLEEVES WHERE DUCTS PENETRATE DOUBLE (FLOATING) FLOOR SLABS TO PREVENT "SHORT CIRCUITING" THE VIBRATION ISOLATING MATERIAL.
 - C. EXTERNALLY INSULATED DUCT SHALL BE CALKED TO PROVIDE A COMPLETE SEAL BETWEEN THE INSULATION AND CLOSURE COLLAR.

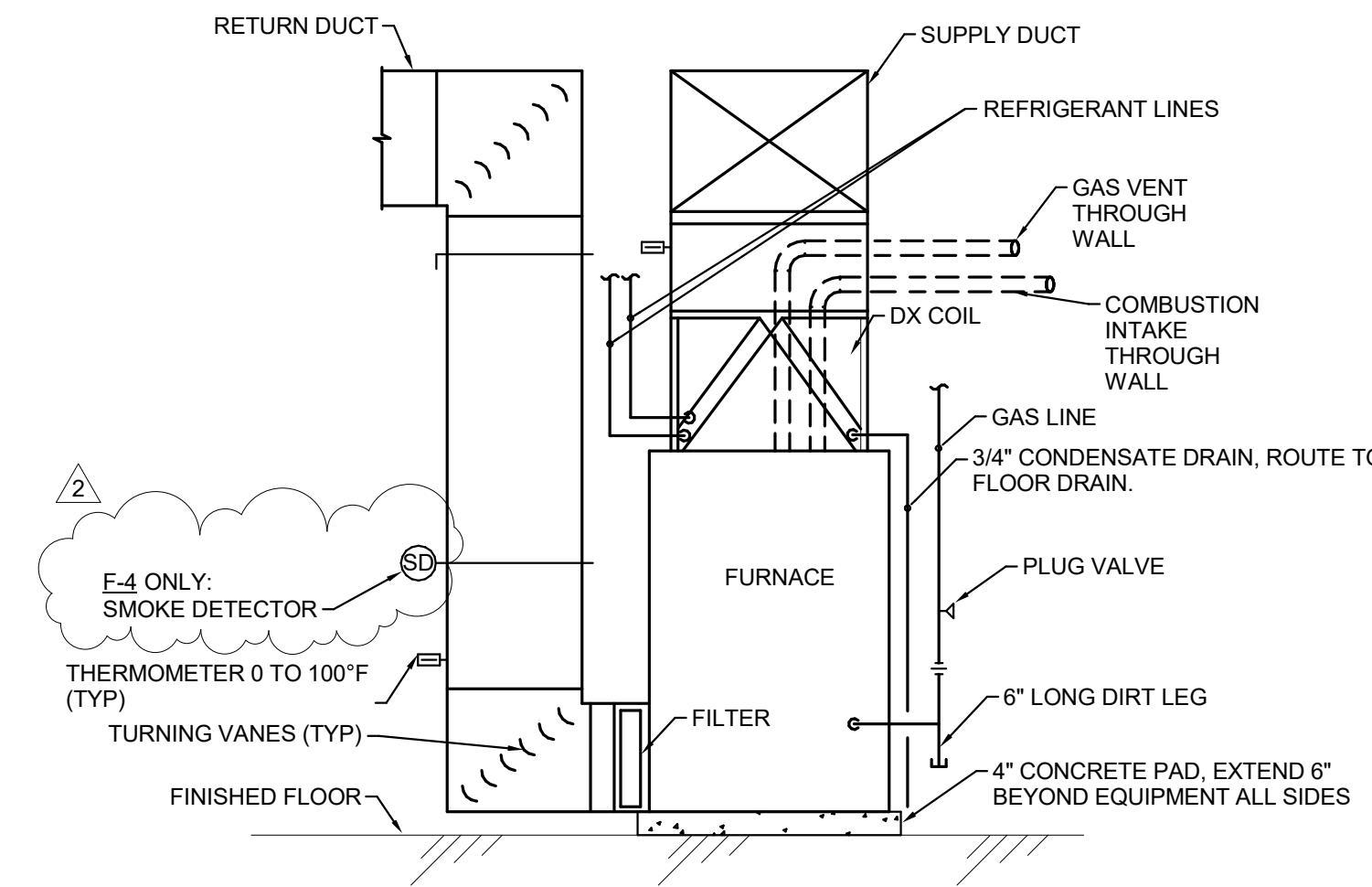
3 DETAIL - DUCT PENETRATION THROUGH INTERIOR WALL
NTS

6 DETAIL - DRYER EXHAUST THROUGH ROOF
NTS

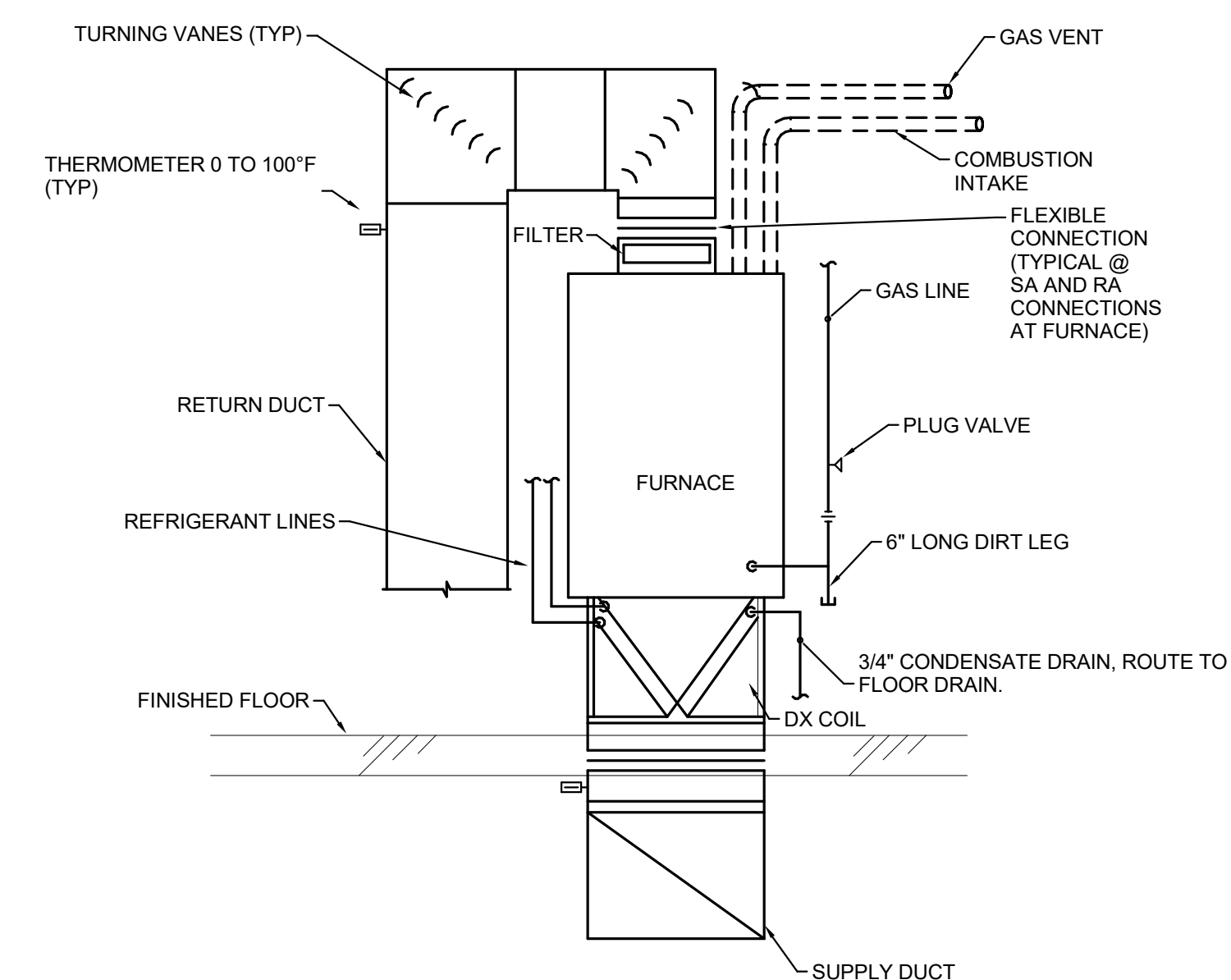


7 DETAIL - CEILING EXHAUST FAN
NTS

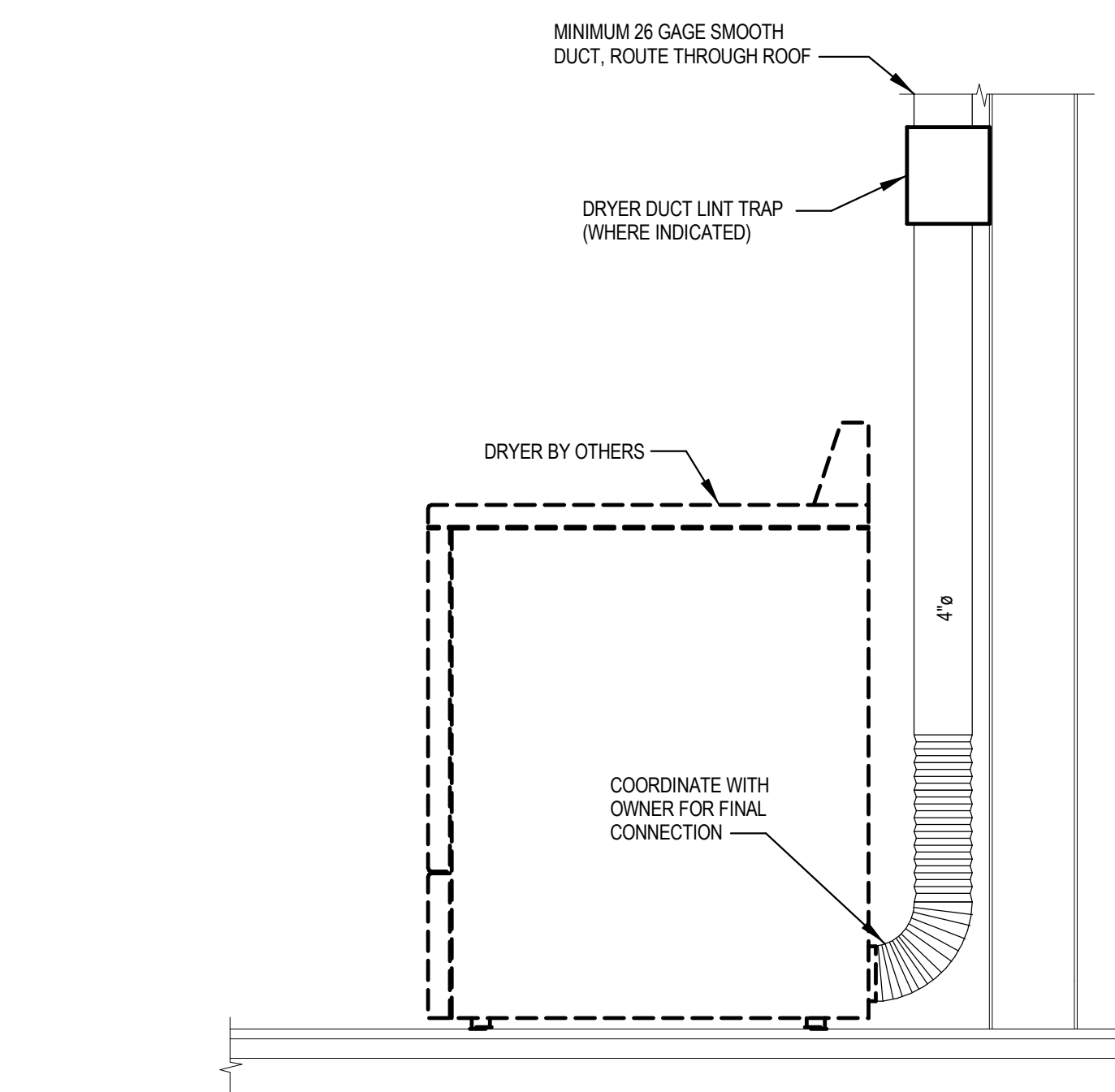
8 DETAIL - UPFLOW GAS FIRED FURNACE
NTS



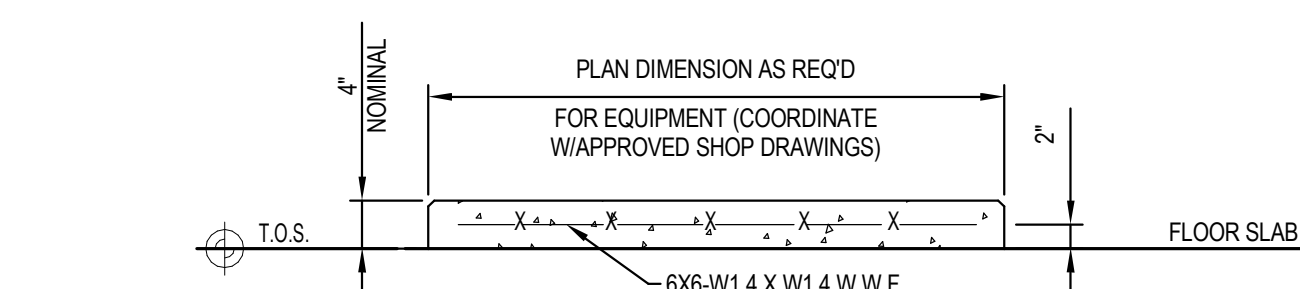
9 DETAIL - DOWNFLOW GAS FIRED FURNACE
NTS



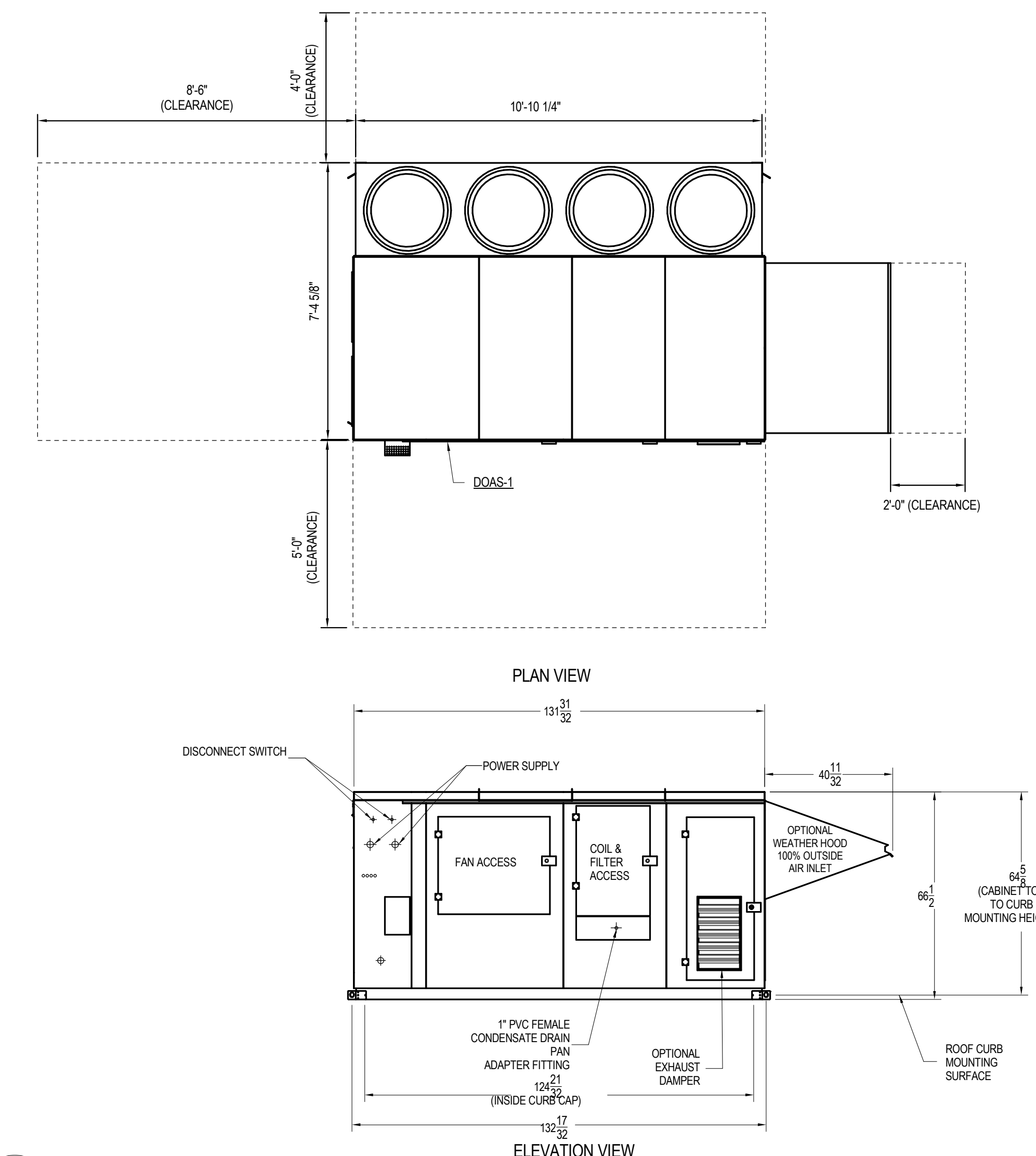
12 DETAIL - DRYER VENT
NTS



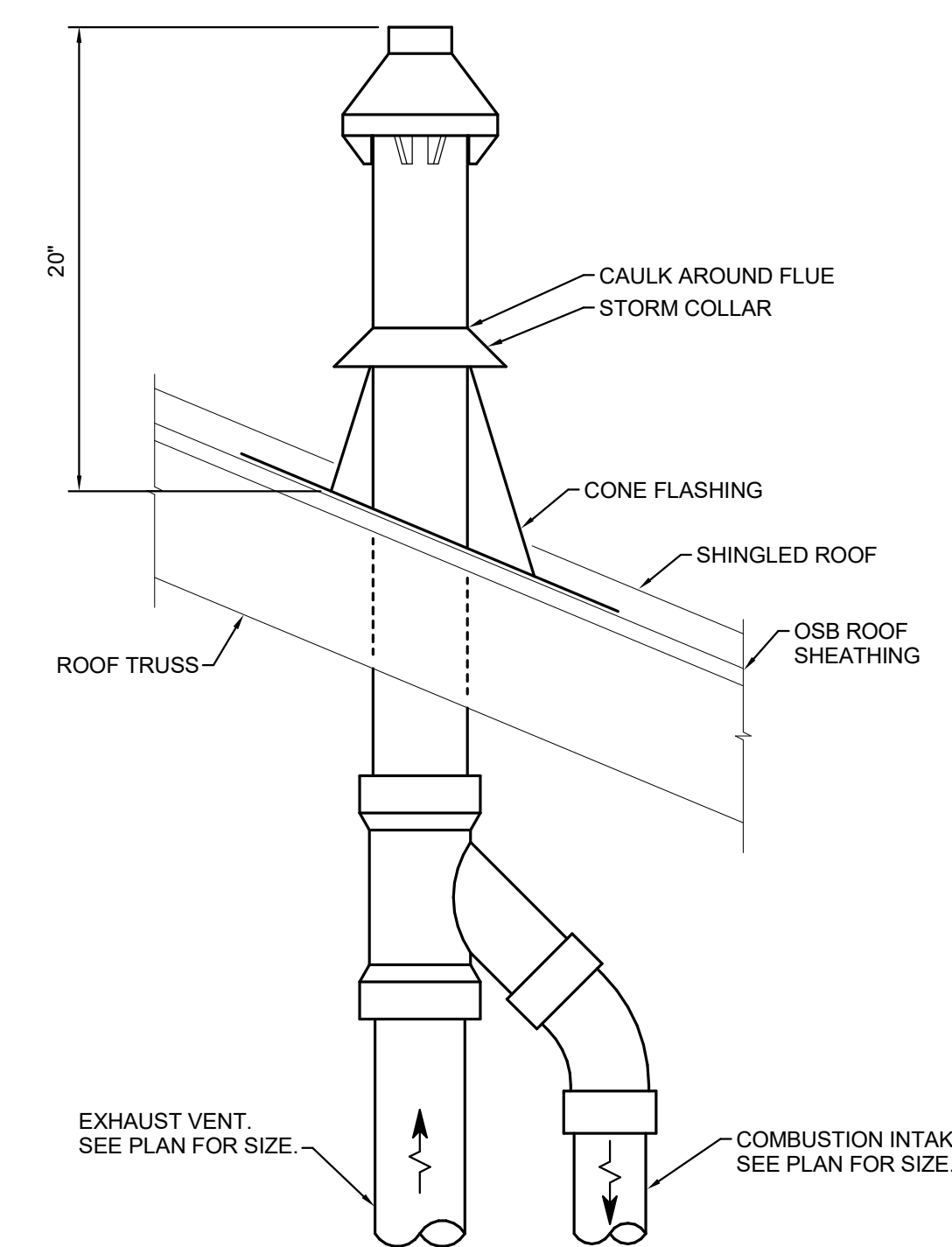
13 DETAIL - INTERIOR CONCRETE PAD
NTS



14 DETAIL - DOAS UNIT
3/8" = 1'-0"



15 DETAIL - FURNACE VENTING
NTS



ACCESS DOOR SIZE SCHEDULE	
DUCT WIDTH	ACCESS DOOR SIZE
6" TO 10"	6" x 6" MINIMUM
10" TO 12"	8" x 8" MINIMUM
12" TO 21"	12" x 12" MINIMUM ①
21" & ABOVE	18" x 18" MINIMUM ②

- ① ACCESS DOORS TO 16"x16" WHERE DUCT SIZE AND SPACES ALLOWS
② FOUR CAM LATCHES ARE REQUIRED
③ DOORS TO BE INSTALLED ON SIDE OR BOTTOM OF DUCT WITH BEST ACCESS

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
3570 O'DONNELL COURT COLUMBUS, OHIO
FOR COLUMBUS METROPOLITAN HOUSING AUTHORITY
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
PHONE: (614) 461-4664 FAX: (614) 280-8881

MOODY-NOLAN
DRAWING TITLE: **DETAILS - MECHANICAL**
11-20-2020
DRAWN BY: DB CHECKED BY: GOL
Proj. #20047
M-501
BID & PERMIT SET

VENTILATION SCHEDULE											
ROOM NAME	AREA (SQ. FT.)	PEOPLE	CFM PER PERSON	PEOPLE CFM	CFM / SQ. FT.	AREA CFM	TOTAL CFM (AREA CFM + PEOPLE CFM)	EZ	TOTAL REQ'D OA CFM	REMARKS	
101 CORRIDOR	549	0	0	0	0.06	33	33	0.8	41		
102 RECEPTION	348	2	5	10	0.06	21	31	0.8	39		
103 OFFICE	129	1	5	5	0.06	8	13	0.8	16		
104 DIRECTOR'S OFFICE	197	1	5	5	0.06	12	17	0.8	21		
105 SUPPLIES	60	0	0	0	0.12	7	7	0.8	9		
106 STAFF LOUNGE	254	4	5	20	0.06	15	35	0.8	44		
107 SICK CHILD ROOM	98	2	10	20	0.18	18	38	0.8	47		
108 MEN	149	0	0	0	0	0	0	0.8	0		
109 WOMEN	148	0	0	0	0	0	0	0.8	0		
111 INFANT/TODDLER	644	10	10	100	0.18	116	216	0.8	270		
112 STORAGE	28	0	0	0	0.12	3	3	0.8	4		
113 FOOD PREP	62	0	0	0	0.12	7	7	0.8	9		
114 TOILET	94	0	0	0	0	0	0	0.8	0		
115 INFANT/TODDLER	647	10	10	100	0.18	116	216	0.8	271		
120 INFANT/TODDLER	647	10	10	100	0.18	116	216	0.8	271		
121 TOILET	94	0	0	0	0	0	0	0.8	0		
122 FOOD PREP	62	0	0	0	0.12	7	7	0.8	9		
123 STORAGE	28	0	0	0	0.12	3	3	0.8	4		
124 INFANT/TODDLER	649	10	10	100	0.18	117	217	0.8	271		
130 MECHANICAL/ELECTRICAL	291	0	0	0	0.06	17	17	0.8	22		
131 STORAGE	120	0	0	0	0.12	14	14	0.8	18		
132 LAUNDRY	123	1	5	5	0.12	15	20	0.8	25		
133 CORRIDOR	379	0	0	0	0.06	23	23	0.8	28		
134 KITCHEN	357	8	7.5	60	0.12	43	103	0.8	129		
135 TOILET	55	0	0	0	0	0	0	0.8	0		
136 STORAGE	61	0	0	0	0.12	7	7	0.8	9		
137 WATER ROOM	126	0	0	0	0.12	15	15	0.8	19		
140 CORRIDOR	830	0	0	0	0.06	50	50	0.8	62		
141 JAN	61	0	0	0	0	0	0	0.8	0		
142 STORAGE	164	0	0	0	0.12	20	20	0.8	25		
143 MULTIPURPOSE	2311	88	7.5	660	0.06	139	799	0.8	998		
144 CORRIDOR	273	0	0	0	0.06	16	16	0.8	20		
146 CORRIDOR	464	0	0	0	0.06	28	28	0.8	35		
150 PRESCHOOL	934	22	10	220	0.12	112	332	0.8	415		
151 FOOD PREP	90	0	0	0	0.12	11	11	0.8	14		
152 TOILET	104	0	0	0	0	0	0	0.8	0		
153 TOILET	104	0	0	0	0	0	0	0.8	0		
154 PRESCHOOL	927	22	10	220	0.12	111	331	0.8	414		
201 MECHANICAL	167	0	5	0	0.06	10	10	0.8	13		
TOTAL									3571		

NOTES:
1.

DEDICATED OUTDOOR AIR UNIT SCHEDULE																															
EQUIPMENT BASED ON REZNOR UNLESS NOTED OTHERWISE																															
UNIT DATA			FAN DATA										DX (R410A) COOLING COIL DATA							HEATING DATA					FILTER						
TAG	LOCATION	MODEL	CFM	T.S.P. IN (W.G.)	E.S.P. IN (W.G.)	DRIVE TYPE	BHP	TOTAL MBH	SENSIBLE MBH	E.A.T. (°F)		L.A.T. (°F)		MAX FACE VEL. (FPM)	ROWS	FINS PER FT.	FUEL TYPE	EFFICIENCY	INPUT MBH	OUTPUT MBH	E.A.T. (°F)	L.A.T. (°F)	TYPE	MERV	VOLTS	PHASE	FLA	MCA	MCCP	WEIGHT LBS.	NOTES
D08S-1	ROOF	YDMA-240	3,650	2.65	1.0	DIRECT	2.11	263.2	195.5	95.0	77.0	57.1	57.1				NATURAL GAS	80%	400	320	1.2	75	4" PLEATED	13	208	3	106.6	114.9	125	3900	1,2-3,4,6,8

NOTES:
1. CONVENIENCE OUTLET
2. FACTORY INSTALLED DISCONNECT
3. 16" HIGH INSULATED ROOF CURB
4. PROVIDE MANUFACTURER'S OUTSIDE AIR INTAKE HOOD
5. OPTION: 100% OUTSIDE AIR, HORIZONTAL DRAINING, WITH 2-POSITION MOTORIZED OA DAMPER, SPRING RETURN.
6. MANUFACTURER PROVIDED SMOKE DETECTOR

FURNACE, COOLING COIL AND CONDENSING UNIT SCHEDULE																														
EQUIPMENT BASED ON BRYANT UNLESS NOTED OTHERWISE																														
UNIT #	FURNACE MODEL #	SERVICE	UNIT CONFIGURATION	FAN SECTION						FURNACE					DX COOLING COIL					OUTDOOR UNIT TAG	OUTDOOR UNIT MODEL #	NOMINAL TONS	SEER	ACCU V/PH	ACCU MCA	ACCU MCCP	REMARKS			
				OA CFM	CFM	E.S.P. W.C.	SPEEDS	MOTOR DATA					TYPE	A.F.U.E.	INPUT (MBH)	OUTPUT (MBH)	TEMP. RISE (°F)	COIL MODEL #	SENSIBLE COOLING (MBH)									TOTAL COOLING (MBH)	REF. TYPE	
F-1	987MB42060C17	PRESCHOOL 154 / FOOD PREP / RR 152 / RR 153	DOWNFLOW	NA	875	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP3717ALA	22.8	33.0	PURON	ACCU-1	189BNV036000	3.0	17	208/1	24.2	40	1,3,5,6,7,8,9,10	
F-2	987MB42060C17	PRESCHOOL 150 / CORRIDOR 146	DOWNFLOW	NA	893	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP3717ALA	23.0	33.1	PURON	ACCU-2	189BNV036000	3.0	17	208/1	24.2	40	1,3,5,6,7,8,10	
F-3	987MB42060C17	EXTERIOR OFFICE SPACES	DOWNFLOW	NA	1117	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP3717ALA	25.6	34.2	PURON	ACCU-3	189BNV036000	3.0	17	208/1	24.2	40	1,3,5,6,7,8,10	
F-4	987MB66120C24	MULTIPURPOSE ROOM	UPFLOW	NA	2000	0.9	4	1	120	1	14.1	20	NATURAL GAS	97%	120	116	30-60	CNPVP61244LA	44.5	54.0	PURON	ACCU-4	189BNV060000	5.0	17	208/1	40	60	1,4,5,6,7,8,10	
F-5	987MB42060C17	INTERIOR SPACES / CORRIDOR 140 & 101	DOWNFLOW	NA	917	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP3717ALA	23.3	33.2	PURON	ACCU-5	189BNV036000	3.0	17	208/1	24.2	40	1,3,5,6,7,8,10	
F-6	987MB60080C21	KITCHEN 134, LAUNDRY, STORAGE, CORRIDOR 144	UPFLOW	NA	1550	0.9	4	1	120	1	14.1	20	NATURAL GAS	97%	80	78	30-60	CNPVP4821ALA	34.7	45.1	PURON	ACCU-6	189BNV048000	4.0	17	208/1	27.3	40	1,4,5,6,7,8,10	
F-7	987MB42060C17	INFANT / TODDLER 124 / FOOD PREP / STOR / TOILET	UPFLOW	NA	615	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP3017ALA	16.2	23.0	PURON	ACCU-7	189BNV024800	2.0	17	208/1	13.5	20	1,3,5,6,7,8,10	
F-8	987MB42060C17	INFANT / TODDLER 120	UPFLOW	NA	419	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP2417ALA	9.6	12.7	PURON	ACCU-8	189BNV013000	1.0	17	208/1	13.5	20	1,3,5,6,7,8,10	
F-9	987MB42060C17	INFANT / TODDLER 115	UPFLOW	NA	419	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP2417ALA	9.6	12.7	PURON	ACCU-9	189BNV013000	1.0	17	208/1	13.5	20	1,3,5,6,7,8,10	
F-10	987MB42060C17	INFANT / TODDLER 111 / FOOD PREP / STOR / TOILET	UPFLOW	NA	750	0.9	4	1/2	120	1	9	15	NATURAL GAS	97%	60	58	30-60	CNPVP3017ALA	17.8	23.6	PURON	ACCU-10	189BNV024800	2.0	17	208/1	13.5	20	1,3,5,6,7,8,10	

NOTES:
1. PROVIDE OUTDOOR UNIT WITH CONDENSER HAIL GUARD
2. NOT USED
3. PROVIDE INDOOR VERTICAL DOWNFLOW UNIT WITH BOTTOM DISCHARGE
4. PROVIDE INDOOR VERTICAL UPFLOW UNIT WITH TOP SUPPLY AND SIDE RETURN
5. PROVIDE 1" MERV-8 CARTRIDGE FILTER
6. MANUFACTURER SHALL SUBMIT RECOMMENDED REFRIGERANT PIPING DIAGRAMS WITH SHOP DRAWINGS AND INCLUDE ALL REFRIGERATION ACCESSORIES. COORDINATE REFRIGERANT PIPE SIZING WITH MANUFACTURER.
7. INSTALL PER MANUFACTURER'S RECOMMENDATION
8. PROVIDE DISCONNECT SWITCH FOR BOTH THE FURNACE AND AIR COOLED CONDENSING UNIT.
9. PROVIDE 12" HEIGHT OUTDOOR UNIT STAND QUICK SLING BY DIVERSITECH MODEL QSSS1003-12".
10. PROVIDE 18" HEIGHT OUTDOOR UNIT STAND QUICK SLING BY DIVERSITECH MODEL QSSS1003-18".

DUCT CONSTRUCTION SCHEDULE																										
DUCT LOCATION	SHAPE				PRESSURE CLASS (IN WG)	LEAKAGE CLASS (CFM PER 100 SF @ 1 IN WG)	MATERIAL				LOCATION				DUCT INSULATION				THICKNESS (IN)	NOTES						
	ROUND/OVAL	RECTANGULAR	SINGLE WALL	DOUBLE WALL			GALVANIZED STEEL	GALVANIZED STEEL PVC COATED	ALUMINUM	STAINLESS STEEL TYPE 316	EXTERNAL	INTERSTITIAL	INTERNAL LINER	NONE	FLEXIBLE FIBERGLASS	FLEXIBLE ELASTOMERIC	RIGID FIBERGLASS	RIGID POLYSOCYANURATE								
OUTDOOR AIR OR COMBUSTION AIR DUCT																										
Indoors Exposed to View in Unfinished Space		X		X	-2 or +2	NA	X						X											X	2	3-lb/cu. ft. density insulation
SUPPLY AIR DUCT																										
Indoors Concealed From View: VAV Downstream From Terminal Box or CAV <2000 CFM	X		X		+1	NA	X						X										X		1 1/2	1.5-lb/cu. ft. density insulation
Indoors Concealed From View: VAV Upstream From Terminal Box	X			X	+4	4	X						X										X		1 1/2	1.5-lb/cu. ft. density insulation
Indoors Exposed to View in Unfinished Space: VAV Downstream From Terminal Box or CAV <2000 CFM		X		X	+1	NA	X						X										X		1 1/2	1.5-lb/cu. ft. density insulation
Indoors Exposed to View in Finished Space: VAV Downstream From Terminal Box or CAV <2000 CFM	X			X	+1	NA	X						X										X		1 1/2	1.5-lb/cu. ft. density insulation
Indoors Exposed to View in Finished Space: VAV Without Terminal Box or CAV <2000 CFM	X		X		+2	NA	X						X										X		1 1/2	1.5-lb/cu. ft. density insulation
Indoors Exposed to View in Finished Space: VAV Upstream From Terminal Box	X		X		+4	4	X						X										X		1 1/2	
RETURN AIR OR MIXED AIR DUCT																										
Indoors Concealed From View		X		X	-2 or +2	NA	X						X										X		1 1/2	1.5-lb/cu. ft. density insulation
RELIEF AIR DUCT																										
Indoors Exposed to View in Unfinished Space		X		X	-2 or +2	NA	X						X										X		2	3-lb/cu. Ft. density insulation
CLASS 1 OR 2 EXHAUST AIR DUCT																										
Indoors Concealed From View		X		X	-2 or +2	NA	X						X										X		0	
Indoors Exposed to View in Unfinished Space	X		X		-2 or +2	NA	X				X	X											X		0	
		X	X		-2 or +2	NA	X				X	X											X		0	
Indoors Exposed to View in Finished Space	X		X		-2 or +2	NA	X				X	X										X		1	For noise control only	
		X	X		-2 or +2	NA	X				X	X										X		0		
CLASS 2 EXHAUST AIR DUCT FROM SHOWER OR WASHDOWN AREA																										
CLASS 3 EXHAUST AIR DUCT FROM TYPE 2 KITCHEN HOOD																										
Indoors Concealed From View		X		X	-2 or +2	4						X											X		0	Duct sealed watertight and sloped to drain locations.
CLASS 4 EXHAUST AIR DUCT FROM TYPE 1 KITCHEN HOOD																										
Indoors Concealed From View		X		X	-6 or +6	4	X															X		1		

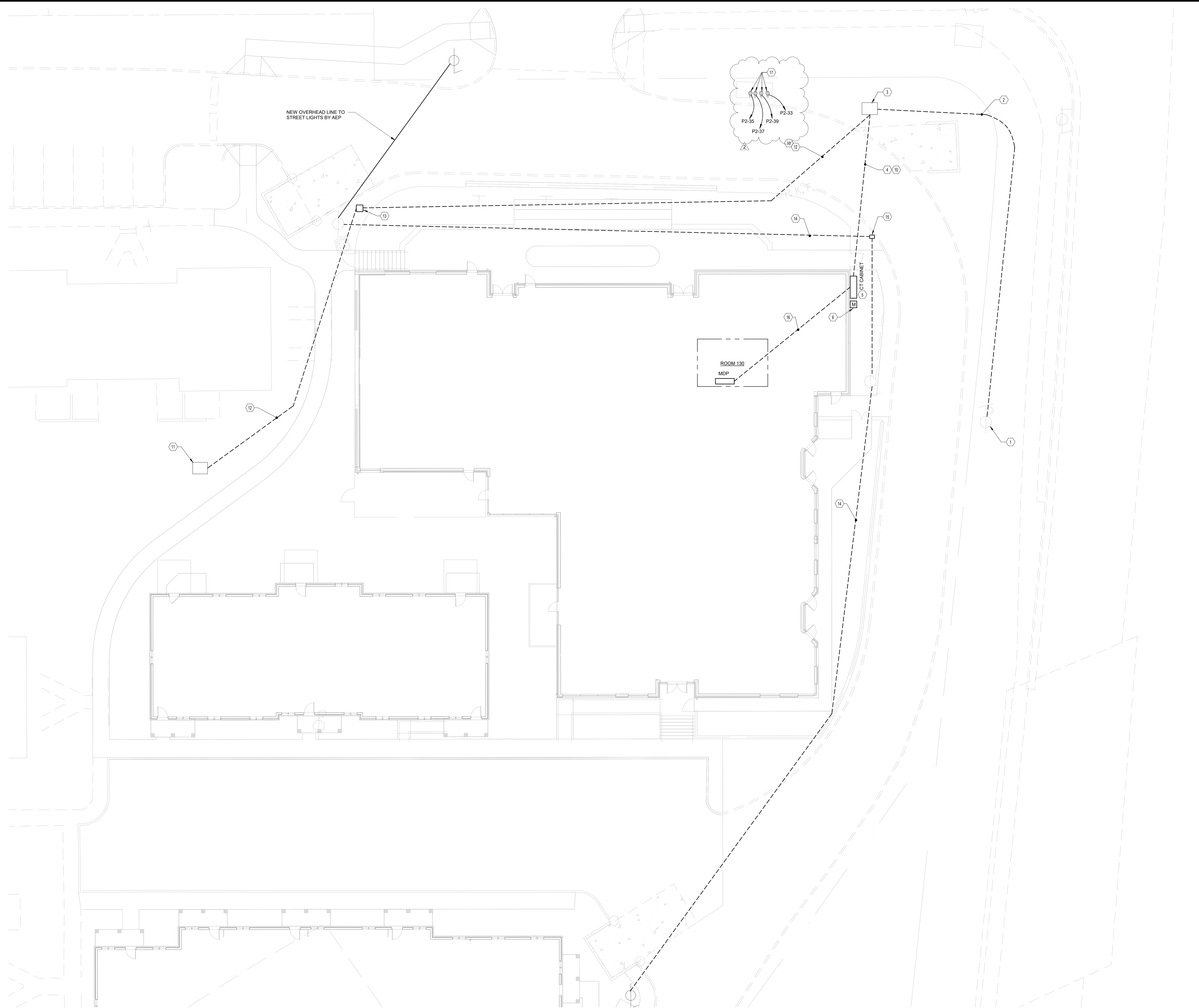
NOTES:
1. Refer to specification 23.35.33 and drawing M1.01 for requirements.

ELECTRIC HEATER SCHEDULE									
EQUIPMENT BASED ON QMARK UNLESS NOTED OTHERWISE									
UNIT DATA			HEATING ELEMENTS				NOTES		
TAG	LOCATION	MODEL	TYPE	TOTAL KW	VOLTS	PHASE			
QWH-1	VESTIBULE 100	A1WH408F	CABINET WALL HEATER - FULLY RECESSED	2	208	1	1,2		
QWH-2	VESTIBULE 145	A1WH408F	CABINET WALL HEATER - FULLY RECESSED	2	208	1	1,2		
QWH-3	VESTIBULE 147	A1WH408F	CABINET WALL HEATER - FULLY RECESSED	2	208	1	1,2		
ELH-1	MECHANICAL 201	MUJ0381	ELECTRIC UNIT HEATER	3	208	1	1,2,3		

NOTES:
1. PROVIDE FACTORY INSTALLED DISCONNECT SWITCH
2. PROVIDE UNIT MOUNTED THERMOSTAT.
3. UNIVERSAL MOUNTING BRACKET, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
COLUMBUS METROPOLITAN HOUSING AUTHORITY
3



- GENERAL NOTES:**
- A. CONTRACTOR TO PROVIDE ALLOWANCE IN THE BID FOR AID TO CONSTRUCTION COST TO BE PAID TO THE ELECTRICAL UTILITY COMPANY. CONTRACTOR SHALL PROVIDE PROOF OF PAYMENT FOR REIMBURSEMENT FROM THE ALLOWANCE.
 - B. UNDERGROUND ROUTING SHOWN IS SCHEMATIC. COORDINATE EXACT ROUTING WITH CIVIL PLANS. (NOT ALL SITE CONDUIT ROUTES FOR BRANCH CIRCUITING ARE SHOWN).
 - C. COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES.
 - D. REFER TO ONE-LINE DIAGRAM SHEET E-701 AND DETAILS ON SHEET E-501 FOR ADDITIONAL INFORMATION.
 - E. ALL EXTERIOR CONDUITS RISING ABOVE GRADE, ENTERING MANHOLES, HANDHOLES, BUILDINGS AND EQUIPMENT SHALL BE PVC COATED RGS FROM THE LAST 6 FEET OF TRANSITION FROM BELOW GRADE. UNLESS NOTED OTHERWISE, ALL EXTERIOR CONDUITS SHALL BE MINIMUM 1" APART HORIZONTALLY (NO OTHER CONDUITS ARE ALLOWED ABOVE OR BELOW IN PARALLEL WITH AEP CONDUITS). AEP PRIMARY CONDUITS SHALL NOT BE CROSSED BY OTHER UTILITIES UNLESS PERMITTED BY AEP.
 - F. COORDINATE TRENCHING AND BACKFILL REQUIREMENTS WITH CIVIL DRAWINGS AND SPECIFICATIONS.
 - G. REFER TO SHEET E-101 FOR BUILDING MOUNTED EXTERIOR LUMINAIRES.
 - H. ALL UTILITY CONDUITS SHALL BE SPACED A MINIMUM OF 12" APART HORIZONTALLY (NO OTHER CONDUITS ARE ALLOWED ABOVE OR BELOW IN PARALLEL WITH AEP CONDUITS). AEP PRIMARY CONDUITS SHALL NOT BE CROSSED BY OTHER UTILITIES UNLESS PERMITTED BY AEP.

- CODED NOTES:**
- 1. APPROXIMATE LOCATION OF EXISTING POWER POLE PROVIDE BY UTILITY COMPANY (AEP). CONTRACTOR SHALL PROVIDE 2-5" RIGID GALVANIZED STEEL RISER CONDUITS WITH WEATHERHEAD FOR SERVICE ENTRANCE FEEDERS FROM UTILITY.
 - 2. PROVIDE 2-5" UNDERGROUND CONDUITS (MINIMUM 30" DEEP TO TOP OF CONDUITS) FOR SERVICE FEEDER FROM POLE IDENTIFIED BY CODED NOTE #1. ONE UNDERGROUND CONDUIT SHALL BE STUBBED UP, CAPPED AND MARKED AS SPARE. CONTRACTOR TO PROVIDE TRENCHING AND RACEWAY FROM UTILITY POLE TO TRANSFORMER. COORDINATE INSTALLATION WITH AEP.
 - 3. UTILITY TRANSFORMER. CONTRACTOR SHALL PROVIDE CONCRETE PAD AND BOLLARDS FOR UTILITY TRANSFORMER (TRANSFORMER BY AEP). COORDINATE EXACT TRANSFORMER PAD DIMENSIONS AND INSTALLATION REQUIREMENTS WITH AEP.
 - 4. PROVIDE 4-4" UNDERGROUND CONDUITS FOR SERVICE FEEDER FROM UTILITY TRANSFORMER TO UTILITY CT CABINET. ONE UNDERGROUND CONDUIT SHALL BE STUBBED UP, CAPPED AND MARKED AS SPARE. CONTRACTOR TO PROVIDE TRENCHING AND RACEWAY FROM UTILITY TRANSFORMER TO CT CABINET. COORDINATE INSTALLATION WITH AEP.
 - 5. UTILITY COMPANY CT CABINET. FIELD COORDINATE INSTALLATION WITH AEP'S ENGINEER.
 - 6. UTILITY METER MOUNTED ON WALL. CONTRACTOR SHALL PROVIDE METER SOCKET AND INSTALL METER FURNISHED BY AEP.
 - 7. NOT USED.
 - 8. NOT USED.
 - 9. NOT USED.
 - 10. PROVIDE CONCRETE ENCASED UNDERGROUND CONDUIT IN DRIVE AREA.
 - 11. WORK ASSOCIATED WITH SINGLE PHASE TRANSFORMER FOR RESIDENTIAL UNITS BY OTHERS. COORDINATE LOCATION TO PROVIDE PRIMARY FEEDER CONDUIT STUB UP WITH AEP.
 - 12. PROVIDE 2-5" UNDERGROUND CONDUITS FOR SINGLE PHASE FEEDER TO TRANSFORMER IN COURTYARD. FEEDER SHALL BE PROVIDED BY AEP.
 - 13. PROVIDE 24" X 24" X 30" UNDERGROUND PULLBOX. (MIN. TIER 15) FOR PRIMARY FEEDER PATHWAY.
 - 14. PROVIDE 1" UNDERGROUND CONDUIT FOR AEP STREET LIGHTING. PROVIDE 1" CONDUIT RISER ON THE EXISTING POLE TO EACH LUMINAIRE. CONDUCTORS AND FINAL CONNECTIONS SHALL BE BY AEP.
 - 15. PROVIDE 8" X 8" PULLBOX (MIN. TIER 15).
 - 16. REFER TO ONE-LINE DIAGRAM FOR SECONDARY FEEDER TO MDP.
 - 17. PROVIDE (4) RECEPTACLES SERVING HOT BOX HEATER. ONE HEATER AT (1900W, 120V, 1PH) AND (3) HEATERS AT (1500W, 120V, 1PH) EACH. ROUTE CIRCUITS IN A 1-1/4" UNDERGROUND CONDUIT (CONCRETE ENCASED UNDER DRIVEWAY).

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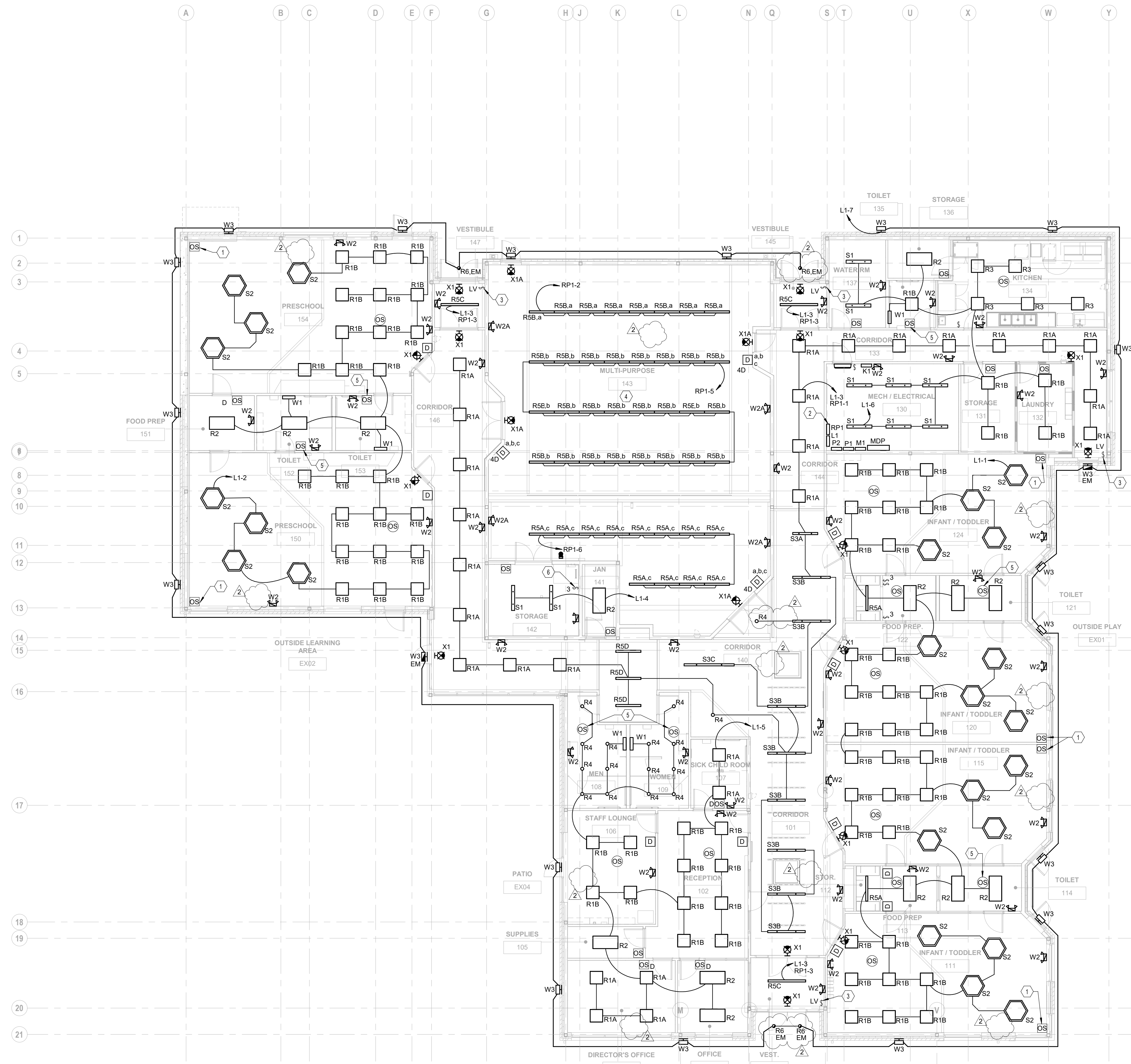
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 O'DONNELL COURT COLUMBUS, OHIO
 FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY

300 SPRUCE STREET
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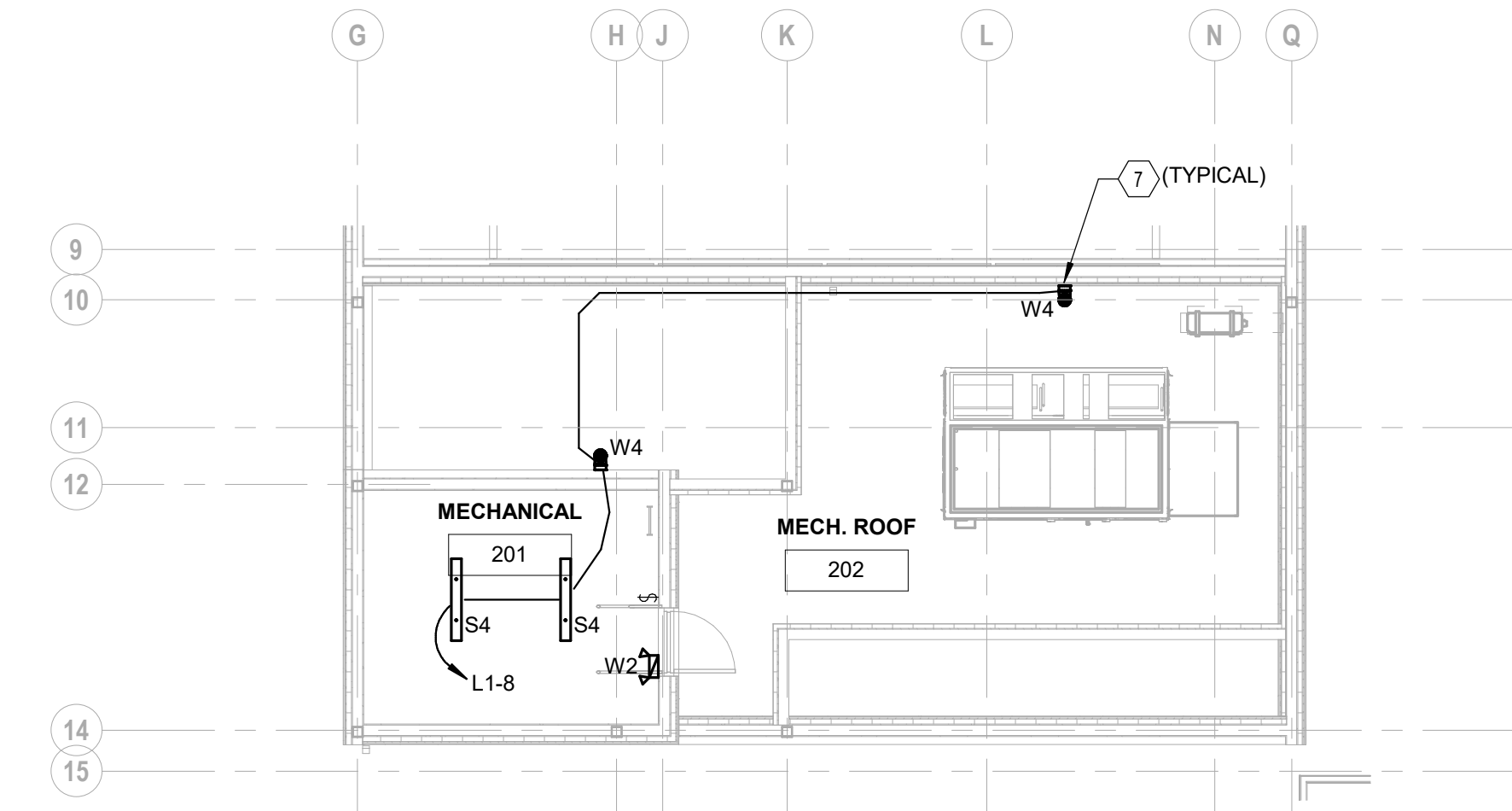
DRAWING TITLE:
SITE PLAN - ELECTRICAL

11-20-2020
 DRAWN BY: MC CHECKED BY: GL
 Proj. #20047
E-003
 BID & PERMIT SET

1 SITE PLAN - ELECTRICAL - ENLARGED PLAN
 3/32" = 1'-0"



1 PLAN FIRST FLOOR CEILING PLAN - LIGHTING
1/8" = 1'-0"



2 MECHANICAL PLATFORM CEILING PLAN - LIGHTING
1/8" = 1'-0"

- GENERAL NOTES:**
- COORDINATE ALL DEVICE AND LUMINAIRE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN, ELEVATION PLAN AND HVAC PLANS PRIOR TO ROUGH-IN.
 - EMERGENCY EGRESS LIGHTING AND EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING OR CONTROLS WITH A MINIMUM OF #12 AWG CONDUCTORS.
 - SUPPORT ALL LUMINAIRES TO STRUCTURE PER MANUFACTURER'S PUBLISHED INSTRUCTIONS. LUMINAIRE SHALL NOT BE SUPPORTED BY GRID CEILING. CONTRACTOR TO VERIFY MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. LUMINAIRES SHALL NOT BE SUPPORTED BY CEILINGS.
 - POWER PACKS AND SLAVE PACKS SHALL BE LOCATED WITHIN EACH ROOM ABOVE CEILING ADJACENT TO THE ENTRY DOOR.
 - NO SHARED NEUTRALS - EACH NEW CIRCUIT SHALL HAVE DEDICATED NEUTRAL CONDUCTOR.
 - UNLESS NOTED OTHERWISE, LUMINAIRES WITH 0-10V DIMMING DRIVERS SHALL HAVE A 0-10V DIMMING CONTROL WIRING TO CONTROL DEVICE. POWER PACK OR RELAY, REGARDLESS OF CONTROLS (DIM OR NO-DIM) DEFINED.
 - STRAIGHT LINES INDICATE LUMINAIRES CIRCUITED TO COMMON CONTROLS. ARCHED LINES INDICATE A COMMON BRANCH CIRCUIT, BUT SEPARATE CONTROLS.
 - UNLESS NOTED OTHERWISE, LIGHTING CONTROLS SHALL SERVE LUMINAIRES SHOWN IN THE SAME SPACE.
 - INSTALL SUSPENDED LUMINAIRES BELOW DUCTWORK IN OPEN CEILING AREAS.
 - UNLESS NOTED OTHERWISE, PROGRAM ALL OCCUPANCY SENSOR TO MANUAL ON/AUTO OFF (VACANCY MODE).
 - REFER TO CONTROL AND LUMINAIRE SCHEDULE IN SHEET E-601 FOR ADDITIONAL INFORMATION.

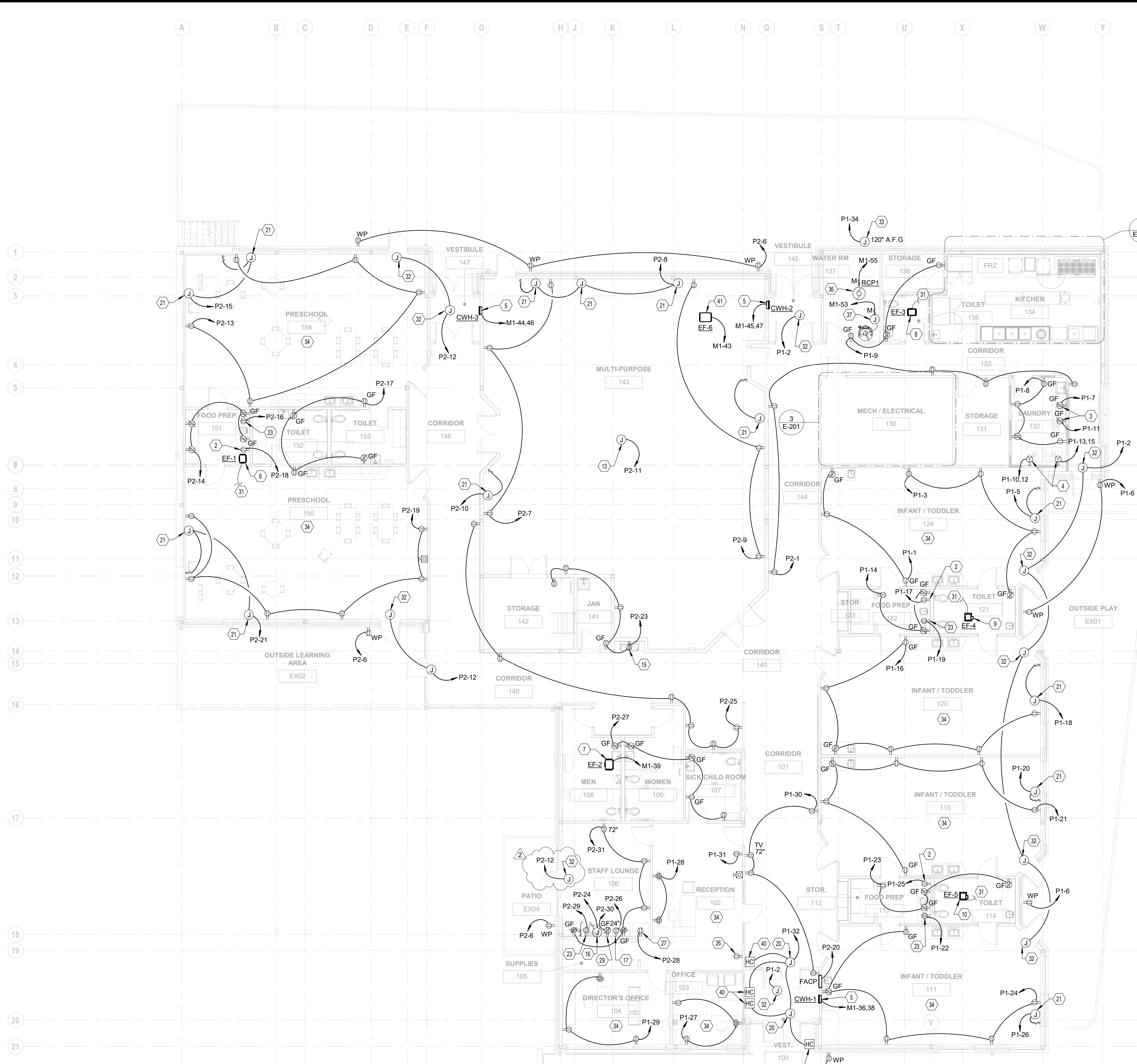
- CODED NOTES:**
- WALL MOUNTED 120 DEGREE WIDE VIEW OCCUPANCY SENSOR MOUNTED AT 8' MINIMUM ABOVE FINISHED FLOOR. COORDINATE FINAL MOUNTING HEIGHT WITH DEVICE MANUFACTURER FOR MAXIMUM SENSOR COVERAGE.
 - PROVIDE RELAY PANEL FOR LIGHTING CONTROLS. REFER TO RELAY SCHEDULE ON SHEET E-601.
 - PROVIDE 2-BUTTON SWITCH FOR AFTER HOURS (ON/OFF) OVERRIDE OF ALL LIGHTING IN RELAY ZONE 1. PROVIDE "ON" AND "OFF" ENGRAVING ON SWITCH AND TAG ABOVE STATING "FOR AFTER HOURS OVERRIDE ONLY".
 - PROVIDE PROTECTIVE GUARDS (WIRE GUARD TYPE) ON EXIT AND EMERGENCY UNIT DEVICES INSTALLED IN THIS SPACE.
 - PROGRAM OCCUPANCY SENSOR IN THIS SPACE TO AUTO ON/AUTO OFF (OCCUPANCY MODE).
 - 3-WAY SWITCH SERVING MECHANICAL PLATFORM LUMINAIRES. REFER TO DETAIL 2 ON THIS SHEET FOR LUMINAIRE LOCATION.
 - PROVIDE SERVICE LIGHT. REFER TO DETAIL 7/E-501.
 - NOT USED.

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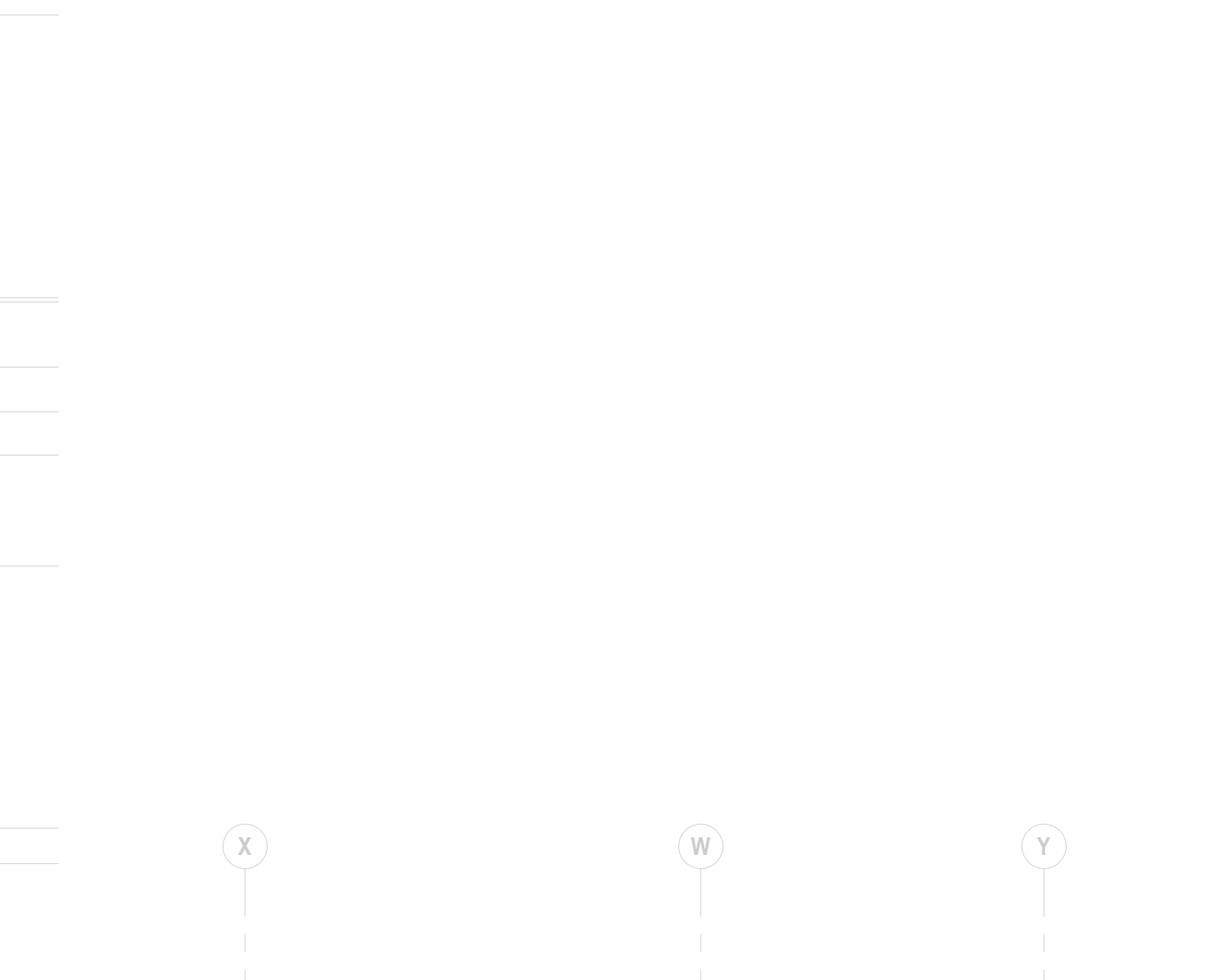
FLOOR PLAN - LIGHTING

11-20-2020
DRAWN BY: MC CHECKED BY: GL
Proj. #20047
E-101
BID & PERMIT SET

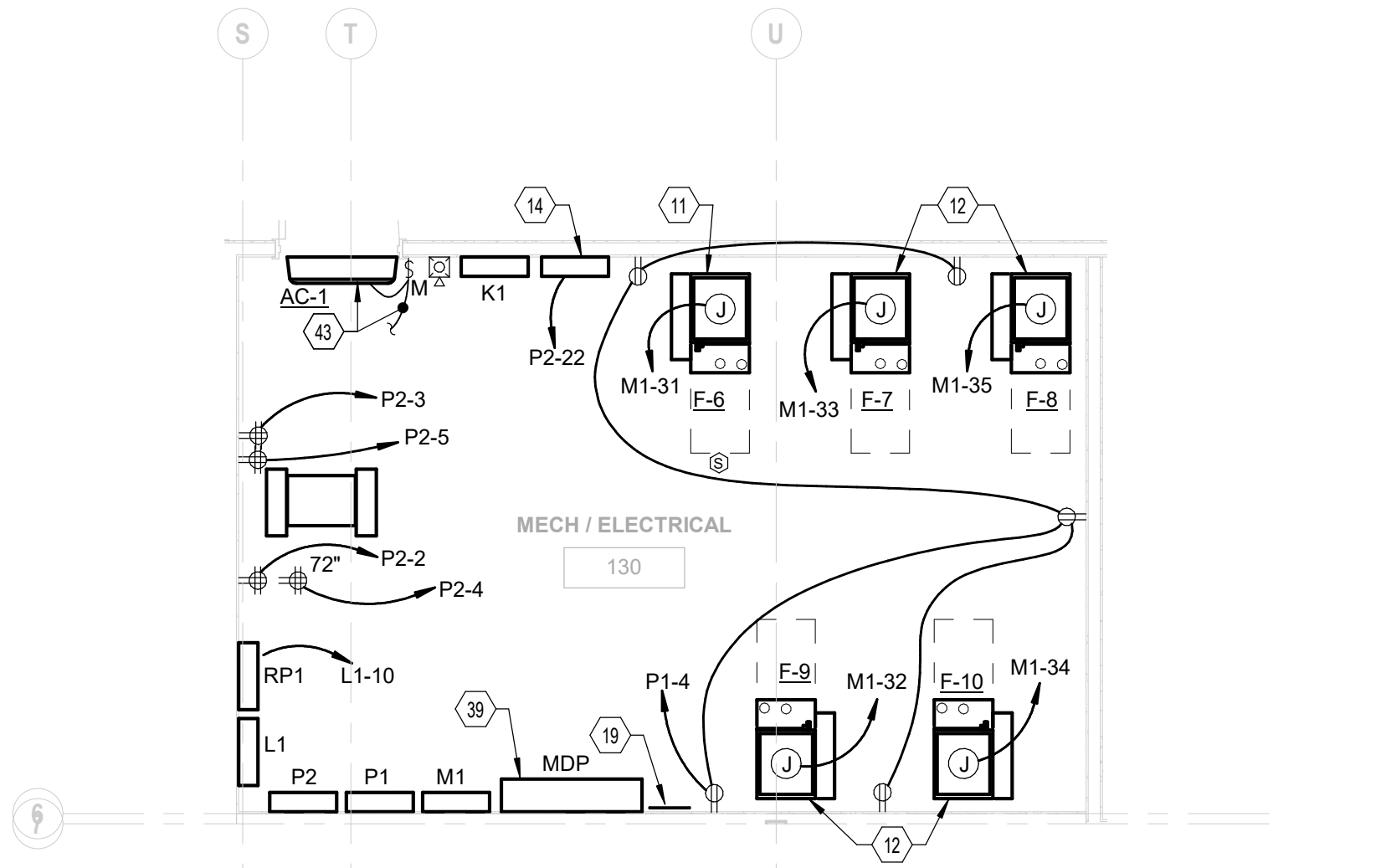


1 PLAN FIRST FLOOR PLAN - ELECTRICAL
 1/8" = 1'-0"

- CODED NOTES: CONTINUATION**
29. PROVIDE RECEPTACLE FOR COFFEE MAKER (1000W, 120V, 1PH).
 30. PROVIDE RECEPTACLE FOR DISPLAY CASE (5.8A, 120V, 1PH). CIRCUIT TO GFCI BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 31. CIRCUIT EXHAUST FAN THROUGH LIGHTING CONTROLS.
 32. JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY (120V, 1PH). REFER TO DETAIL 3T-501 FOR ADDITIONAL INFORMATION.
 33. PROVIDE WEATHERPROOF JUNCTION BOX FOR POWER CONNECTION TO EXTERIOR SPRINKLER BELL. COORDINATE EXACT LOCATION WITH DIVISION 21 CONTRACTOR.
 34. PROVIDE AUTOMATIC CONTROL TO TOP OUTLET OF EACH RECEPTACLE IN THIS SPACE. REFER TO DETAIL 2E-502.
 35. PROVIDE RECEPTACLE FOR CHEST FREEZER (1.5A, 120V, 1PH) CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 36. PROVIDE POWER CONNECTION TO RCP1 (1/12HP, 120V, 1PH). REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
 37. MOUNT ON HOUSEKEEPING PAD. REFER TO DETAIL 3E-501.
 38. PROVIDE CONNECTION FROM DOOR OPERATOR TO HANDICAP PUSHBUTTONS.
 39. PROVIDE POWER CONNECTION TO DISPLAY CASE (2A, 120V, 1PH).
 40. PROVIDE CONNECTION FROM DOOR OPERATOR TO HANDICAP PUSHBUTTONS.
 41. EF-6 (700W, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 42. PROVIDE RECEPTACLE FOR WARMING CABINET (16A, 120V, 1PH). CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 43. AC-1: PROVIDE MANUAL MOTOR SWITCH SERVING THE UNIT. MAKE FINAL CONNECTIONS TO "ACCU-11" LOCATED ON ROOF.



2 PLAN FIRST FLOOR PLAN - ENLARGED PLAN - KITCHEN 134
 1/4" = 1'-0"



3 PLAN FIRST FLOOR PLAN - ENLARGED PLAN - MECH/ELECTRICAL 130
 1/4" = 1'-0"

- GENERAL NOTES:**
- A. COORDINATE ALL ROUGH-IN REQUIREMENTS, LOCATION AND MOUNTING HEIGHT OF DEVICES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
 - B. ALL CONDUITS ETC. INSTALLED IN PARALLEL TO BUILDING STRUCTURE AND AREAS WITHOUT SUSPENDED CEILINGS SHALL BE RAN INCONSPICUOUSLY.
 - C. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS TO EQUIPMENT WITH OTHER TRADES PRIOR TO MAKING FINAL CONNECTIONS.
 - D. SPECIALTY OUTLET TYPES SHALL BE COORDINATED IN THE FIELD WITH RECEPTACLE REQUIREMENT OF EQUIPMENT SERVE PRIOR TO PROCUREMENT OF OUTLET.
 - E. PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
 - F. ALL JUNCTION BOXES AND OTHER DEVICES LOCATED IN THE CEILING REQUIRING ACCESSIBILITY SHALL BE LOCATED NEAR ACCESS PANELS. REFER TO ARCHITECTURAL SHEETS FOR ACCESS PANEL LOCATIONS.
 - G. UNLESS NOTED OTHERWISE, ALL COUNTERTOP DEVICES SHALL BE 4" ABOVE BACKSPASH TO BOTTOM OF COVERPLATE.
 - H. ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE.
 - I. REFER TO ONE-LINE DIAGRAM ON SHEET E-701 FOR ADDITIONAL INFORMATION.
 - J. REFER TO SHEET "E-3" FOR ELECTRICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.

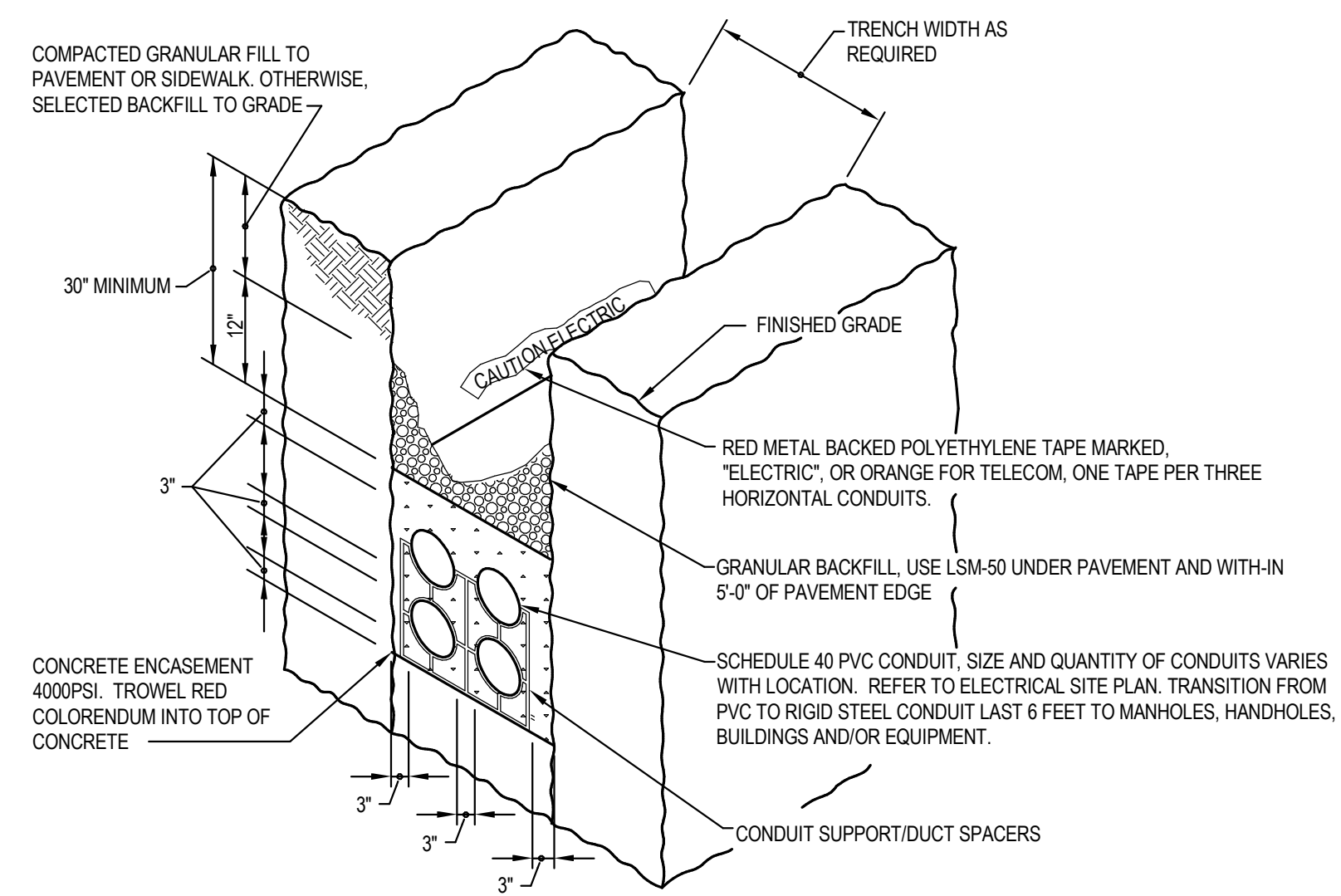
- CODED NOTES:**
1. PROVIDE POWER CONNECTION TO SERVE WARE WASHER (32A, 208V, 1PH).
 2. PROVIDE RECEPTACLE FOR UNDERCABINET REFRIGERATOR (900W, 120V, 1PH). CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 3. PROVIDE RECEPTACLE FOR WASHER (120V, 1PH).
 4. PROVIDE NEMA 14-30R DEVICE FOR DRYER (4400 WATTS, 208V, 1PH).
 5. CWH-1, 2 AND 3: (2 KW, 208V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 6. EF-1: (89W, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 7. EF-2: (90W, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 8. EF-3: (20W, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 9. EF-4: (8W, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 10. EF-5: (8W, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT.
 11. F-6: (14.1 MCA, 120V, 1PH). PROVIDE POWER PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT. MAKE FINAL CONNECTIONS TO OUTDOOR UNIT (ACCU-6).
 12. F-7, F-8, F-9 AND F-10: (9 MCA, 120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL SWITCH SERVING THE UNIT. MAKE FINAL CONNECTIONS TO OUTDOOR UNIT (ACCU-7, 8, 9 AND 10).
 13. PROVIDE POWER CONNECTION TO JUNCTION BOX ABOVE CEILING FOR FUTURE PROJECTOR.
 14. PROVIDE POWER CONNECTION TO ACCESS CONTROL PANEL.
 15. PROVIDE RECEPTACLE FOR WATER COOLER. CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 16. PROVIDE POWER CONNECTION TO GARBAGE DISPOSAL (120V, 1PH). WIRE GARBAGE DISPOSAL THROUGH SWITCH LOCATED ABOVE COUNTER.
 17. PROVIDE RECEPTACLE FOR MICROWAVE (1800W, 120V, 1PH). CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 18. PROVIDE RECEPTACLE FOR RANGE (3.5A, 120V, 1PH). CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 19. PROVIDE MAIN GROUND BUSBAR. REFER TO DETAIL 6E-501.
 20. PROVIDE POWER CONNECTION TO AUTOMATIC DOOR OPERATOR. MAKE FINAL CONNECTIONS TO HANDICAP DOOR PUSH BUTTONS. REFER TO T-101 FOR PUSHBUTTON LOCATIONS.
 21. PROVIDE POWER CONNECTION TO MOTORIZED SHADE AND WIRE TO SWITCH (BY SHADE MANUFACTURER). COORDINATE EXACT LOCATIONS WITH ARCHITECT.
 22. PROVIDE JUNCTION BOX FOR POWER CONNECTION TO KITCHEN HOOD CONTROLLER.
 23. RECEPTACLE FOR UNDERCOUNTER DISHWASHER (10A, 120V, 1PH).
 24. WIRE GAS RANGE SOLENOID VALVE TO SHUT OFF PUSHBUTTON. COORDINATE LOCATION WITH DIVISION 23 AND KITCHEN HOOD SHOP DRAWINGS.
 25. ALL CIRCUITS SERVING EQUIPMENT IN HOOD AND UNDER HOOD SHALL BE CONNECTED TO SHUNT TRIP BREAKER FOR SHUTTING OFF POWER UPON HOOD FIRE SUPPRESSION ACTUATION.
 26. PROVIDE RECEPTACLE FOR PRINTER.
 27. PROVIDE RECEPTACLE FOR REFRIGERATOR (1000W, 120V, 1PH). CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.
 28. PROVIDE RECEPTACLE FOR FREEZER (5.5A, 120V, 1PH). CIRCUIT TO GF BREAKER AND LABEL "GFCI PROTECTED" ON RECEPTACLE.

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

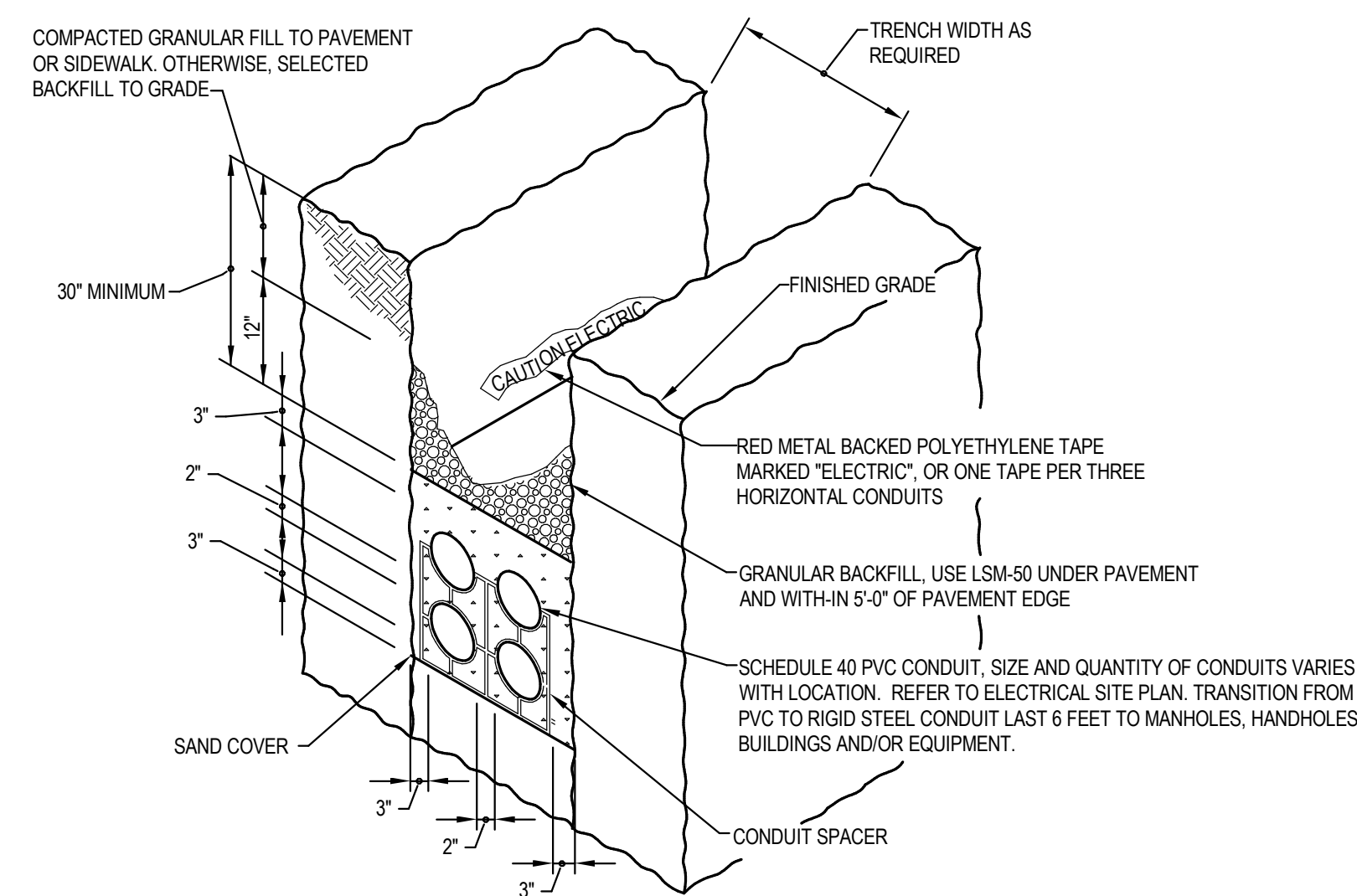
POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 O'DONNELL COURT COLUMBUS, OHIO
COLUMBUS METROPOLITAN HOUSING AUTHORITY
 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664 FAX: (614) 280-8881

FLOOR PLAN - POWER

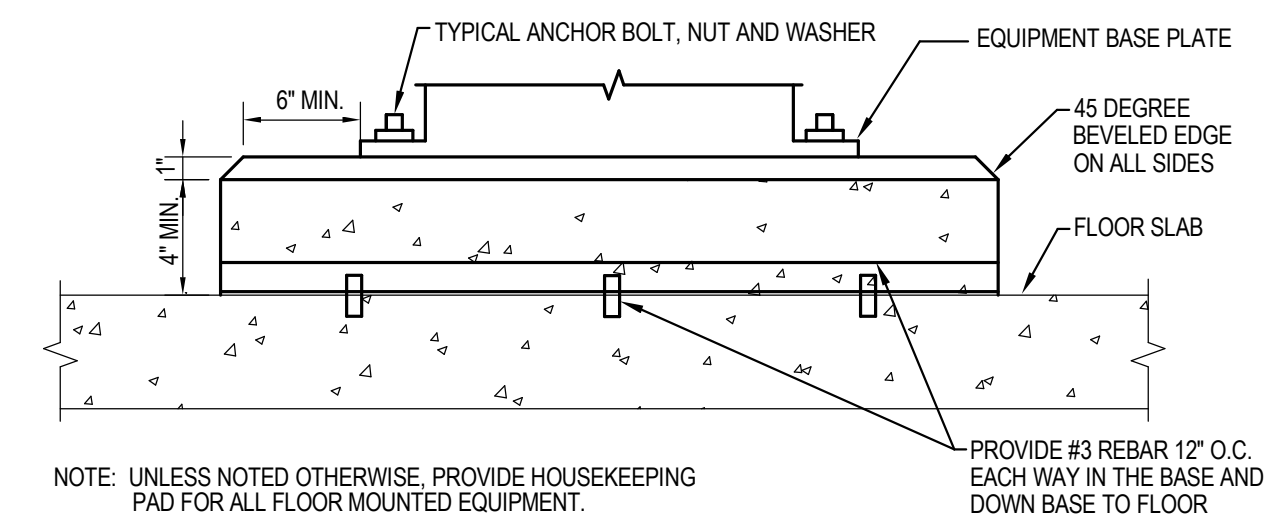
11-20-2020
 DRAWN BY: MC CHECKED BY: GL
 Proj. #20047
E-201
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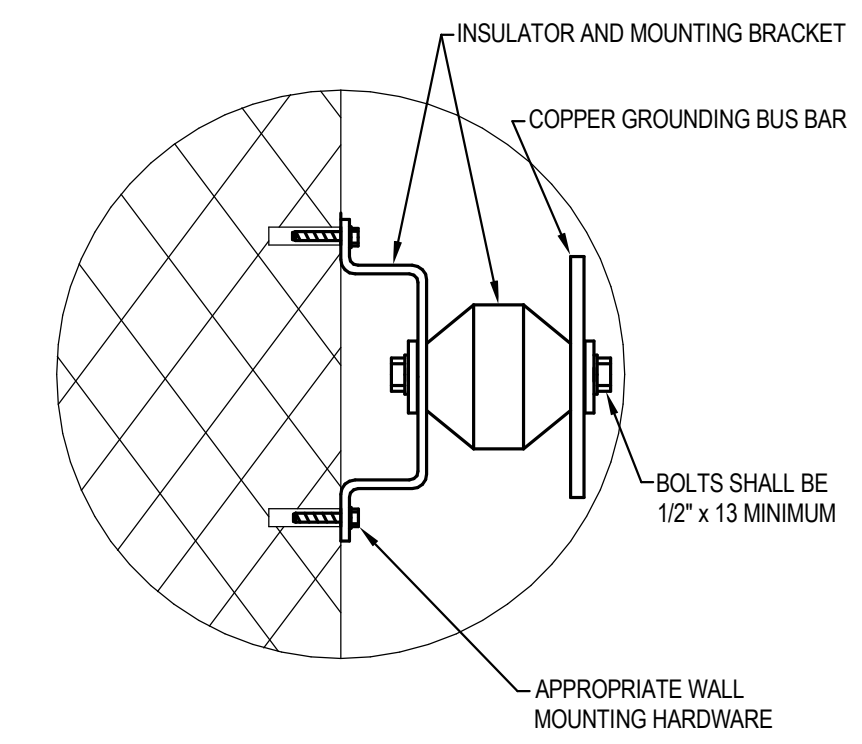
1 DETAIL - CONCRETE ENCASED DUCTBANK
NTS



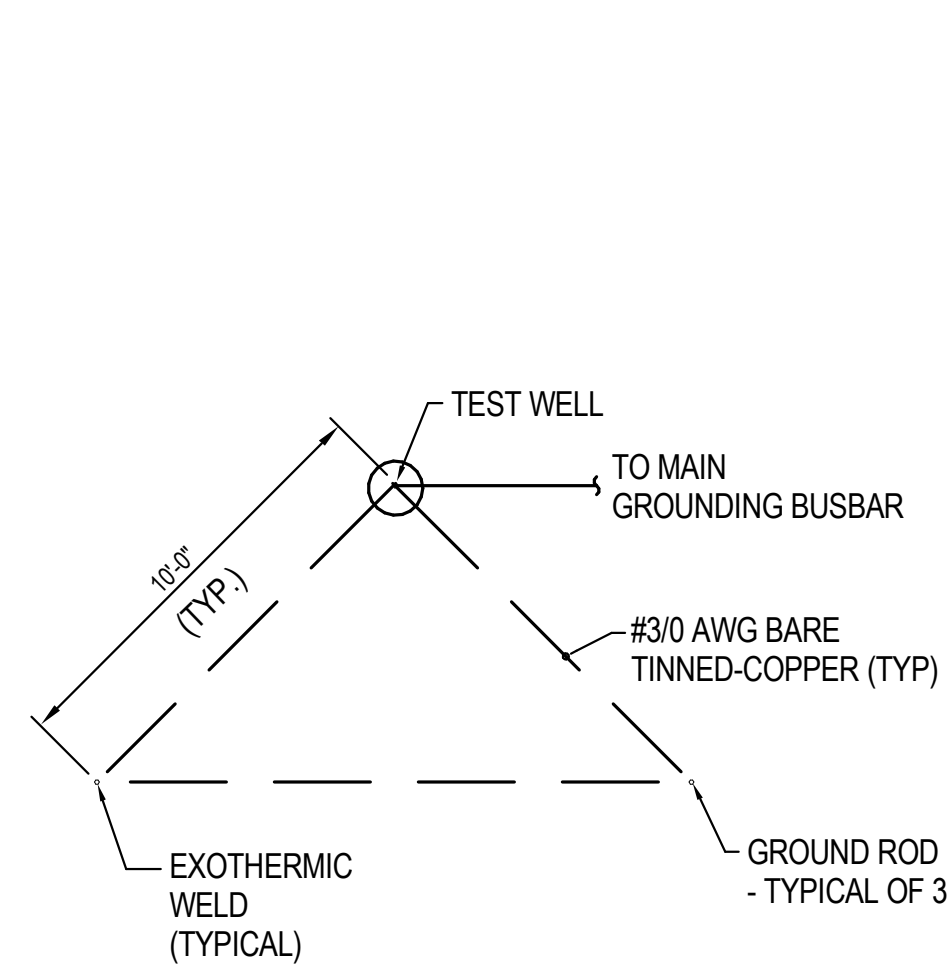
2 DETAIL - DIRECT BURIED CONDUIT
NTS



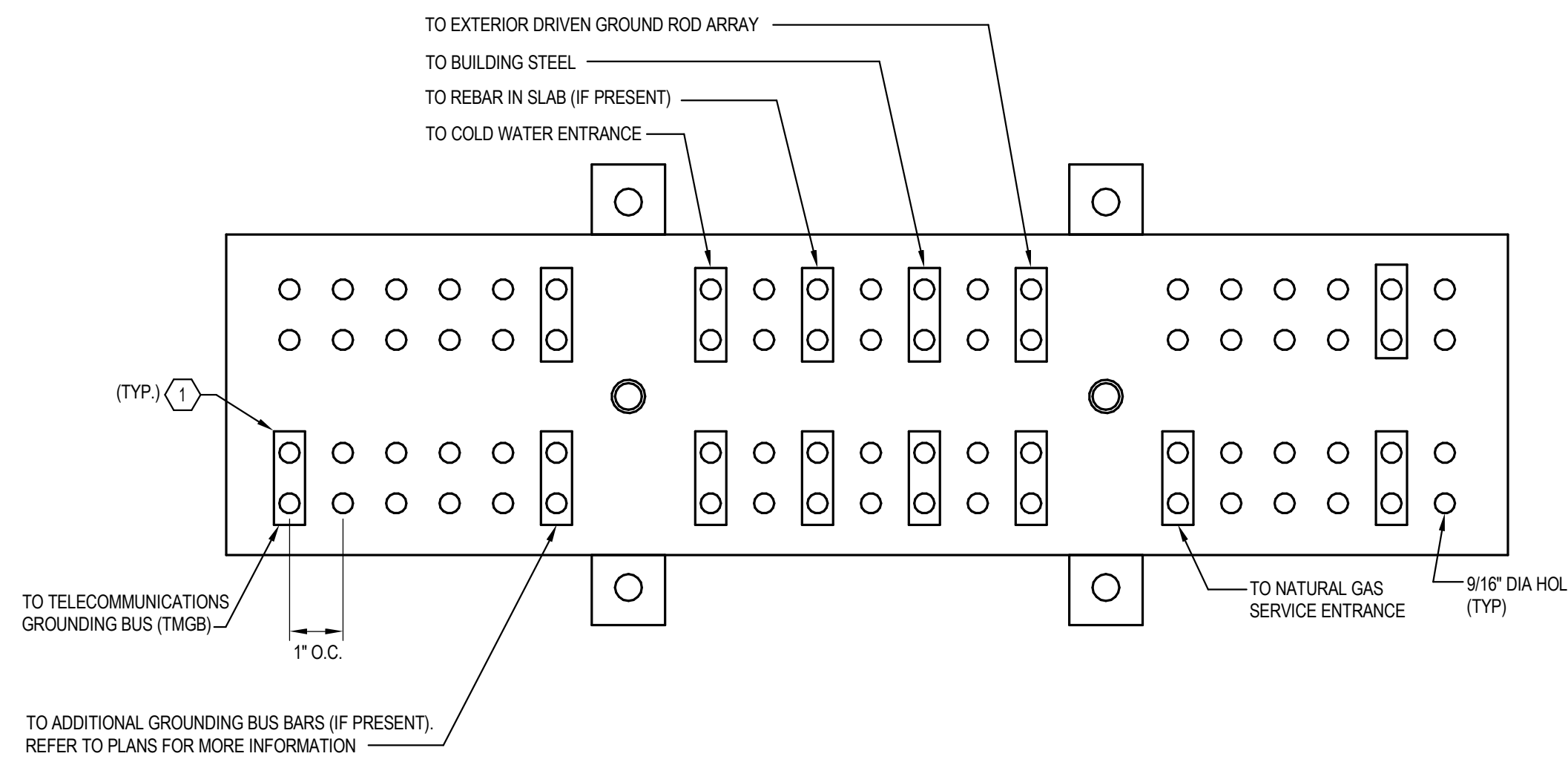
3 DETAIL - INTERIOR EQUIPMENT HOUSEKEEPING CONCRETE PAD
NTS



4 DETAIL - BUS BAR MOUNTING
NTS



5 DETAIL - GROUND TRIANGLE
NTS



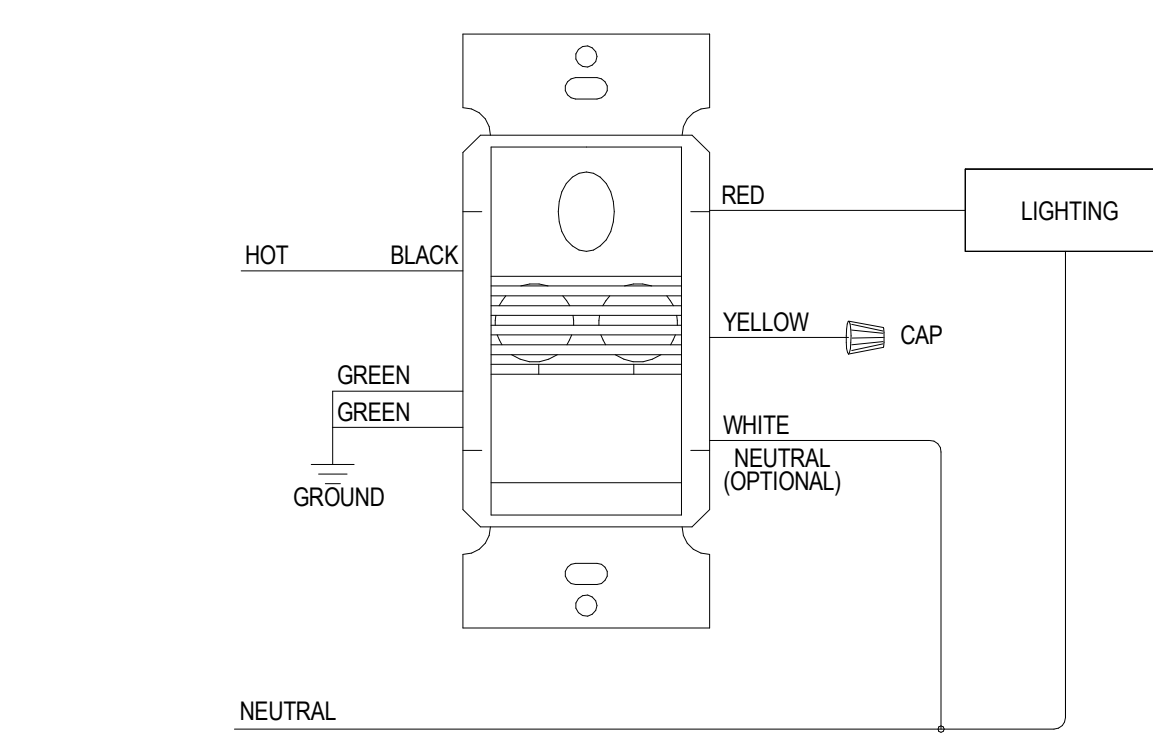
6 DETAIL - ELECTRIC MAIN GROUNDING BUS BAR
NTS

DETAIL GENERAL NOTES:

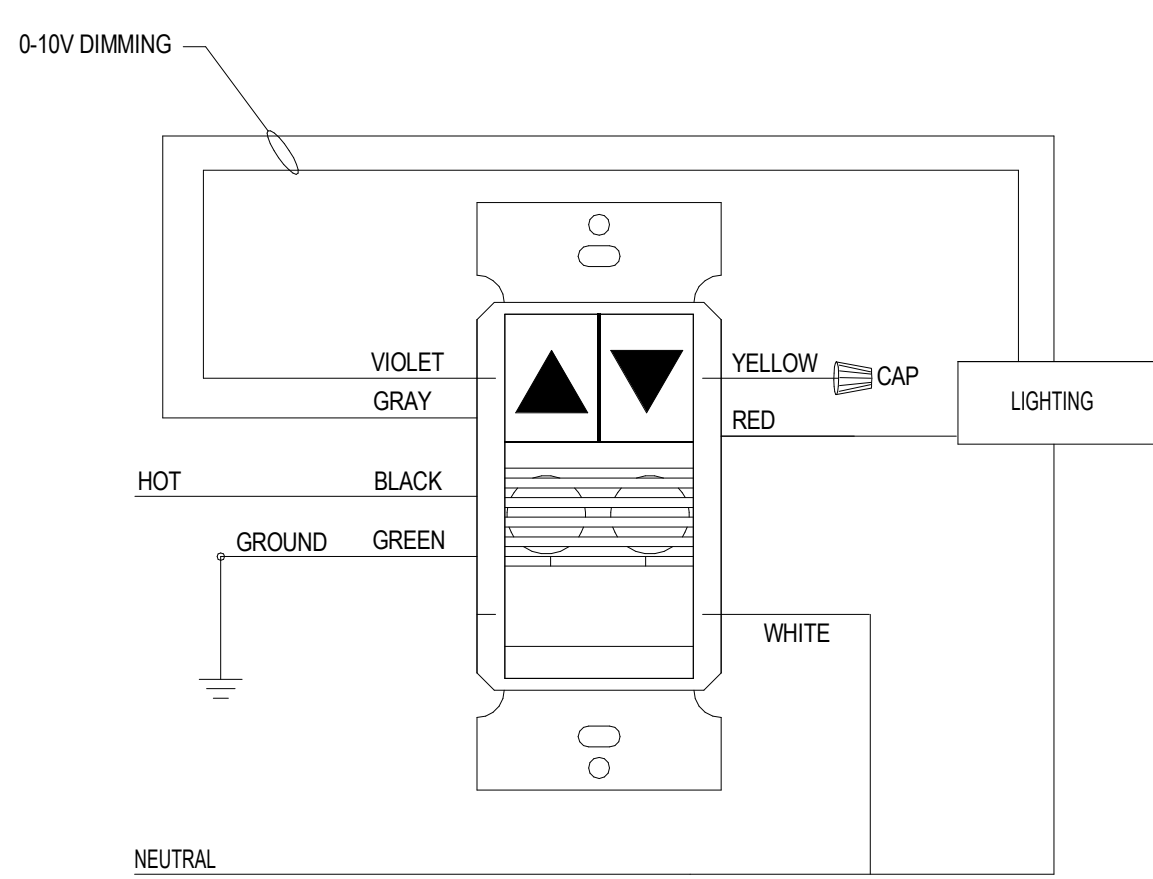
- A. MINIMUM REQUIRED SIZE OF BUS SHALL BE 6"x2"x0.25". PROVIDE LARGER SIZE AS REQUIRED. ALL CONNECTIONS MAY NOT BE EXPLICITLY SHOWN.
- B. GROUND BAR SHALL BE SOLID COPPER.
- C. ALL CONNECTIONS TO GROUND BAR WILL BE WITH 2-HOLE LUGS, 1/2-INCH BOLTS WITH LOCK WASHERS ON THE BACK, AND BELLVILLE WASHERS ON THE FRONT SIDE.

DETAIL CODED NOTES:

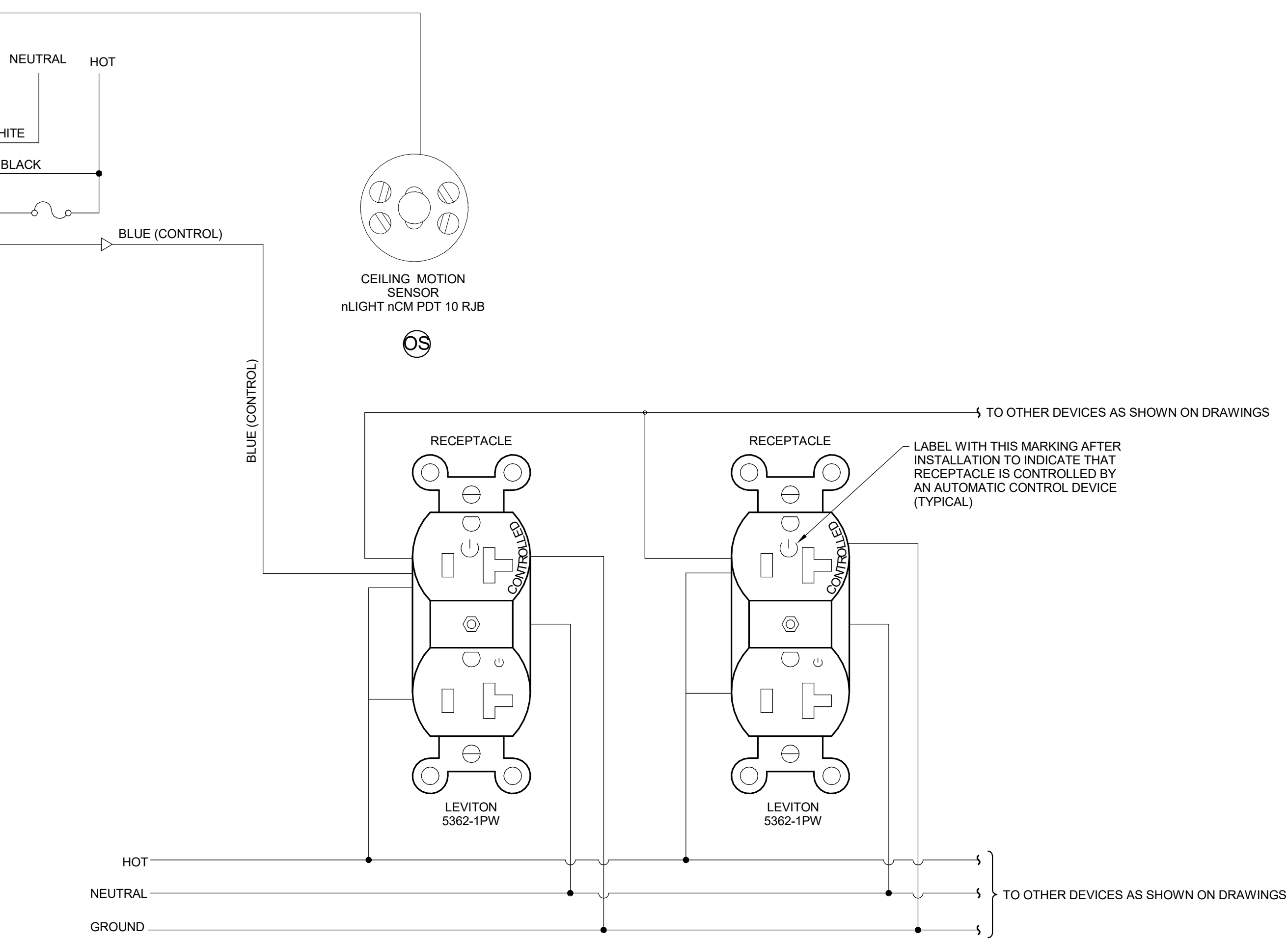
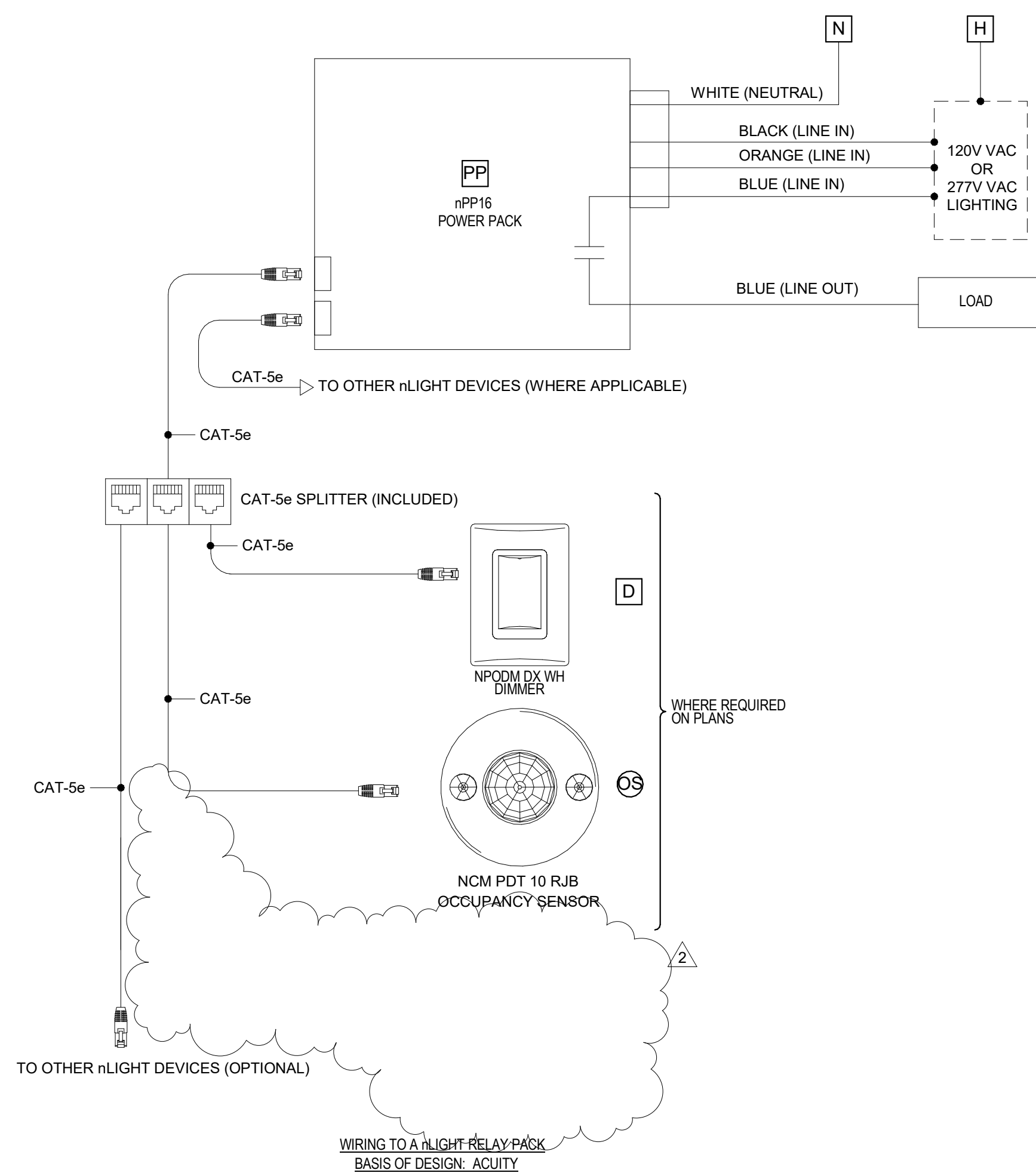
- 1. ALL GROUND WIRING CONNECTING TO GROUNDING BUS BAR SHALL BE MINIMUM #3/0 AWG UNLESS NOTED OTHERWISE.



BASIS OF DESIGN: ACUITY - WSX PDT 1WH
OS



BASIS OF DESIGN: ACUITY - WSX PDT D SA
OS



NOTE: TOP TERMINAL RECEPTACLE IN CIRCUIT SHALL BE CONTROLLED VIA OCCUPANCY SENSOR SENSING SAME ROOM. DOWNSTREAM CONTROL RECEPTACLES SHALL BE CONNECTED TO LOAD SIDE OF TOP TERMINAL RECEPTACLE.
BASIS OF DESIGN: ACUITY rLIGHT

8 DETAIL - LIGHTING CONTROL SCHEMATIC
NTS

9 DETAIL - AUTOMATIC RECEPTACLE CONTROL WIRING DIAGRAM
NTS

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
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DRAWING TITLE: **DETAILS - ELECTRICAL**

11-20-2020
DRAWN BY: MC CHECKED BY: GL
Proj. #20047
E-501
BID & PERMIT SET

LUMINAIRE SCHEDULE

TYPE	DIMENSIONS	MOUNTING	CONSTRUCTION AND FINISH	DESCRIPTION AND OPTIONS	LAMPS	DRIVER(S)	VOLTAGE/OAD	APPROVED MANUFACTURER(S)
R1A	2'X2' 2 1/8" DEEP	RECESSED CEILING GRID	ALUMINUM FRAME, WHITE FINISH	2'X2' LED FLAT PANEL	INTEGRAL 3500K 3400 LUMENS	ELECTRONIC DRIVER	120V 30.3W	METALUX FP ORACLE DAYBRITE LITHONIA
R1B	2'X2' 2 1/8" DEEP	RECESSED CEILING GRID	ALUMINUM FRAME, WHITE FINISH	2'X2' LED FLAT PANEL	INTEGRAL 3500K 2000 LUMENS	ELECTRONIC DRIVER	120V 19W	METALUX FP ORACLE DAYBRITE LITHONIA
R2	2'X4' 2 1/8" DEEP	RECESSED CEILING GRID	ALUMINUM FRAME, WHITE FINISH	2'X4' LED FLAT PANEL	INTEGRAL 3500K 4000 LUMENS	ELECTRONIC DRIVER	120V 38.4W	METALUX FP ORACLE DAYBRITE LITHONIA
R3	2'X2' 2 1/8" DEEP	RECESSED CEILING GRID	ALUMINUM FRAME, WHITE FINISH	2'X2' LED FLAT PANEL	INTEGRAL 3500K 5000 LUMENS	ELECTRONIC DRIVER	120V 42W	METALUX FP ORACLE DAYBRITE LITHONIA
R4	6" DIA APERTURE 5 5/8" DEEP	RECESSED GRID OR DRYWALL	CLEAR TRIM COLOR, SPECULAR FINISH	6" ROUND DOWNLIGHT LISTED FOR DAMP LOCATION	INTEGRAL 3500K 1000 LUMENS	0-10 DIMMING TO 10%	120V 12.8W	ELITE HH6 SERIES HALO PD6 SERIES LIGHTOLIER PBR LITHONIA LDM6
R5A	4' X 5 7/8" 2 3/8" DEEP	RECESSED CEILING GRID	ALUMINUM EXTRUDED FRAME, MATTE WHITE POWDER COAT FINISH	4" APERTURE LINEAR SLOT IMPACT RESISTANT, INTEGRAL GRID CLIPS, DAMP LOCATION, INCLUDES J-BOX/WIRING BOX	INTEGRAL 3500K 500 LUMENS/FT	0-10 DIMMING TO 10%	120V 18.3W	METALUX RBG LED ORACLE OLS-R-LED PINNACLE EV3D ALL 3R SERIES
R5B	4' X 5 7/8" 2 3/8" DEEP	RECESSED CEILING GRID	ALUMINUM EXTRUDED FRAME, MATTE WHITE POWDER COAT FINISH	4" APERTURE LINEAR SLOT IMPACT RESISTANT, INTEGRAL GRID CLIPS, DAMP LOCATION, INCLUDES J-BOX/WIRING BOX	INTEGRAL 3500K 750 LUMENS/FT	0-10 DIMMING TO 10%	120V 27.7W	METALUX RBG LED ORACLE OLS-R-LED PINNACLE EV3D ALL 3R SERIES
R5C	6' X 5 7/8" 2 3/8" DEEP	RECESSED CEILING GRID	ALUMINUM EXTRUDED FRAME, MATTE WHITE POWDER COAT FINISH	4" APERTURE LINEAR SLOT IMPACT RESISTANT, INTEGRAL GRID CLIPS, DAMP LOCATION, INCLUDES J-BOX/WIRING BOX	INTEGRAL 3500K 500 LUMENS/FT	0-10 DIMMING TO 10%	120V 27.4W	METALUX RBG LED ORACLE OLS-R-LED PINNACLE EV3D ALL 3R SERIES
R5D	4' X 5 7/8" 2 3/8" DEEP	RECESSED FLANGED	ALUMINUM EXTRUDED FRAME, MATTE WHITE POWDER COAT FINISH	4" APERTURE LINEAR SLOT IMPACT RESISTANT, INTEGRAL GRID CLIPS, DAMP LOCATION, INCLUDES J-BOX/WIRING BOX	INTEGRAL 3500K 500 LUMENS/FT	0-10 DIMMING TO 10%	120V 27.7W	METALUX RBG LED ORACLE OLS-R-LED PINNACLE EV3D ALL 3R SERIES
R6 (EM)	6" DIA APERTURE 4" DEEP	RECESSED GRID OR DRYWALL	DIE-CAST ALUMINUM WITH WATERPROOF DIE-CAST DRIVER HOUSING	6" EXTERIOR DOWNLIGHT COMPACT SHALLOW, NARROW DISTRIBUTION, WET LOCATION LISTED, IMPACT RESISTANT, BUG RATING B2-U0-G0	INTEGRAL 3500K 1992 LUMENS	0-10V DIMMING	120V 12.8W	LIGMAN LIGHTING - LIMO-8012-2-14-W35-03-120277-EMR-F
S1	4' X 3' 3 11/16" DEEP	SUSPENDED	DIE FORMED COLD ROLLED STEEL, BAKED WHITE ENAMEL FINISH	LED STRIPLIGHT DIFFUSED SNAP-ON/SNAP-OFF LENS	INTEGRAL 3500K 3000 LUMENS	ELECTRONIC DRIVER	120V 30W	METALUX SALED SERIES ORACLE LIGHTING OC4-LED SERIES DAYBRITE FSS SERIES LITHONIA ZL 1D
S2	31 6" X 36.5" 3.70" DEEP	SUSPENDED	ALUMINUM, ACRYLIC FINISH	HEXAGONAL SHAPED LUMINAIRE, LARGE SIZE	INTEGRAL 3500K 10,200 LUMENS	0-10V DIMMING	120V 85W	LIGHTING ELEMENTS ATMOS HEX PENDANT EUREKA LIGHTING HEX AREA 4620 CANMAN LIGHTING P50035-38
S3A	4' X 3' 5 1/2" DEEP	SUSPENDED	LINEAR EXTRUDED ALUMINUM HOUSING, HIGHLY REFLECTIVE DIE-FORMED WHITE PAINTED REFLECTOR	SUSPENDED DIRECT/INDIRECT LINEAR HIGH EFFICIENCY INDIRECT SHIELDING, SATINE LENS DIRECT SHIELDING	INTEGRAL 3500K 500 LUMENS/FT	0-10V DIMMING	120V 38W	PINNACLE EX3D ALL 3SDI ELITE OLS-D-LED FOCAL POINT SEEM
S3B	6' X 3' 5 1/2" DEEP	SUSPENDED	LINEAR EXTRUDED ALUMINUM HOUSING, HIGHLY REFLECTIVE DIE-FORMED WHITE PAINTED REFLECTOR	SUSPENDED DIRECT/INDIRECT LINEAR HIGH EFFICIENCY INDIRECT SHIELDING, SATINE LENS DIRECT SHIELDING	INTEGRAL 3500K 500 LUMENS/FT	0-10V DIMMING	120V 57W	PINNACLE EX3D ALL 3SDI ELITE OLS-D-LED FOCAL POINT SEEM
S3C	8' X 3' 5 1/2" DEEP	SUSPENDED	LINEAR EXTRUDED ALUMINUM HOUSING, HIGHLY REFLECTIVE DIE-FORMED WHITE PAINTED REFLECTOR	SUSPENDED DIRECT/INDIRECT LINEAR HIGH EFFICIENCY INDIRECT SHIELDING, SATINE LENS DIRECT SHIELDING	INTEGRAL 3500K 500 LUMENS/FT	0-10V DIMMING	120V 76W	PINNACLE EX3D ALL 3SDI ELITE OLS-D-LED FOCAL POINT SEEM
S4	49 13/16" X 7" 5.78" DEEP	SUSPENDED, STEM MOUNTED	REINFORCED FIBERGLASS, WHITE FINISH, STAINLESS STEEL MOUNTING BRACKET	VAPORTITE INDUSTRIAL IMPACT RESISTANT, FROSTED ACRYLIC DIFFUSER, WET LOCATED LISTED	INTEGRAL 3500K 4000 LUMENS	0-10V DIMMING	UNV 56W	METALUX 4V12 LD4 LITHONIA FEM LED ORACLE LTG. OWIP-LED BARRON LTG. BVTPLED
W1	8-3/8" X 25"W 4" DEEP	SURFACE MOUNT	ALUMINUM WHITE MATTE WHITE ACRYLIC PANEL, MATTE WHITE FINISH	VANITY LIGHT UNIVERSAL CIRCULAR STRAP FOR A STANDARD 4" J-BOX OR PLASTER RING, UL AND CUL DAMP LOCATION	INTEGRAL 3500K 2000 LUMENS	ELECTRONIC DRIVER	120V 20W	SHAPER 605-25-W INDESSA LTG. I12 VERSALED LTG. SR1 LED SCOTT ARCH LTG. S3680
W2	4 1/4" X 10 1/4" 3 5/8" DEEP	SURFACE MOUNT	WHITE, COMPACT LOW-PROFILE, THERMOPLASTIC HOUSING, IMPACT RESISTANT, UL94V-0 FLAME RATING, 90 MINUTES EMERGENCY RUN TIME	THERMOPLASTIC EMERGENCY LIGHT TWO LED LAMPS HEAD WITH POLYCARBONATE LENS, SEALED, MAINTENANCE-FREE NICKEL-CADMIUM BATTERY	INTEGRAL LED	ELECTRONIC		MULE LTG. SQ-80-LED EELP OEM-LED EXTRONIX LED-95 SURELITES APEL
W2A	4 1/4" X 10 1/4" 3 5/8" DEEP	SURFACE MOUNT	WHITE, COMPACT LOW-PROFILE, THERMOPLASTIC HOUSING, IMPACT RESISTANT, UL94V-0 FLAME RATING, 90 MINUTES EMERGENCY RUN TIME	THERMOPLASTIC EMERGENCY LIGHT WITH WIRE GUARD TWO LED LAMPS HEAD WITH POLYCARBONATE LENS, SEALED, MAINTENANCE-FREE NICKEL-CADMIUM BATTERY	INTEGRAL LED	ELECTRONIC	120V/277V 3W	MULE LTG. SQ-80-LED EELP OEM-LED EXTRONIX LED-95 SURELITES APEL
W3 (EM)	5 3/4" X 6 3/4" 4" DEEP	SURFACE MOUNT REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT	ALUMINUM DIE CAST HOUSING, POWDER COATED BRONZE FINISH	WALL PACK, GASKETED TEMPERED GLASS LENS, WET LOCATION LISTED "MAX. BUG RATING B1-U0-G0" EM: WITH 90 MINUTE COLD WEATHER BATTERY	INTEGRAL 3500K 1400 LUMENS	ELECTRONIC	120V 14W	LUMARK XTOR1B LITHONIA WPX1-LED VERSALED LTG. VLWP53-5-B TRACELITE WLZ1
W4	7.34" X 5.2" 1.1" DEEP	SURFACE MOUNT, STEM MOUNT	RUGGED DIE-CAST ALUMINUM HOUSING, WITH REMOVABLE CAST ALUMINUM GLASS INCLUDED, FROSTED GLASS LENS, GRAY FINISH	OUTDOOR LED VAPORTITE GLOBE REFRACTOR, WET LOCATION, IP66	INTEGRAL 4100K 757 LUMENS	INTEGRAL	120V 11W	HUBBELL VWGL-1 LITHONIA OLV1WV ELITE LTG. OVL-LED TRACELITE TLED804
X1	7 5/8" X 11 3/4" 2" DEEP	UNIVERSAL MOUNT	THERMOPLASTIC HOUSING, IMPACT RESISTANT, INJECTION-MOLDED UL 94, UL LISTED 90 MIN. EMERGENCY RUN TIME, AUTOMATIC RECHARGE	UNIVERSAL MOUNT SINGLE/DOUBLE SIDE LED EXIT SIGN RED STENCIL, WHITE FACE	INTEGRAL LED	ELECTRONIC	120V/277V 1W	SURELITES CX SERIES MULE LTG. MX EELP XE LED EXTRONIX ILX
X1A	7 5/8" X 11 3/4" 2" DEEP	UNIVERSAL MOUNT	THERMOPLASTIC HOUSING, IMPACT RESISTANT, INJECTION-MOLDED UL 94, UL LISTED 90 MIN. EMERGENCY RUN TIME, AUTOMATIC RECHARGE	UNIVERSAL MOUNT SINGLE/DOUBLE SIDE LED EXIT SIGN WITH WIRE GUARD RED STENCIL, WHITE FACE	INTEGRAL LED	ELECTRONIC	120V/277V 1W	SURELITES CX SERIES MULE LTG. MX EELP XE LED EXTRONIX ILX

LIGHTING CONTROL DEVICE SCHEDULE

DEVICE SYMBOL	MODEL NO.	DESCRIPTION
D	NPDM DX WH	LOW VOLTAGE RAISE/LOWER
OS	WSX PDT WH	LOW VOLTAGE OCCUPANCY SENSING SWITCH
OS _D	WSX PDT D SA	DIMMER/OCCUPANCY SENSING SWITCH
D _{AD}	NPDM 4P DX WH	LOW VOLTAGE 4-CHANNEL RAISE/LOWER
CS	NCM PDT 10 RJB	CEILING OCCUPANCY SENSOR
CS	NCM ADCX RJB	DAYLIGHT SENSOR
LV	nLIGHT NPDM	2-BUTTON SWITCH

BASIS OF DESIGN: ACUTY (UNLESS NOTED OTHERWISE)

LIGHTING CONTROL NOTES:

- REFER TO LIGHTING PLANS FOR ADDITIONAL REQUIREMENTS.
- PROVIDE STARTUP AND PROGRAMMING AND OWNER TRAINING FOR EACH SPACE BY A FACTORY TRAINED TECHNICIAN MINIMUM TWO DAYS (4HR ON-SITE TIME EACH).
- PROGRAMMING OF LIGHTING CONTROL SCHEDULES AND SEQUENCE SHALL BE COORDINATED WITH OWNER.

LIGHTING CONTROL ZONE SCHEDULE

ZONE	DESCRIPTION	CONTROL		FUNCTIONS/PRESETS
		ON	OFF	
1	CORRIDORS 101, 133, 140, 143 AND 146	LS/TC	LS/TC	2 HOUR OVERRIDE AFTER HOURS
2a	MULTI-PURPOSE 143 - NORTH	DMTC	DMTC	2 HOUR OVERRIDE AFTER HOURS
2b	MULTI-PURPOSE 143	DMTC	DMTC	2 HOUR OVERRIDE AFTER HOURS
2c	MULTI-PURPOSE 143 - SOUTH	DMTC	DMTC	2 HOUR OVERRIDE AFTER HOURS
3	VESTIBULES 100, 145 AND 147	LS/TC	LS/TC	
4	EXTERIOR WALL MOUNTED LIGHTING	PC	TC	

CONTROL LEGEND:
 LS: ON/OFF SWITCH
 DM: ON/OFF/DIMMER SWITCH
 TC: TIME CLOCK
 TM: TIMER SWITCH
 MS: MASTER SWITCH
 OS: OCCUPANCY SENSOR
 PC: PHOTOCELL

CODED NOTES:

- COORDINATE TIMECLOCK SCHEDULE (i.e. ON/OFF/DIM) WITH OWNER REPRESENTATIVE PRIOR TO PROGRAMMING.

RELAY PANEL RP1

RELAY	BRANCH CIRCUIT	ZONE	RELAY	BRANCH CIRCUIT	ZONE
1	L1-3	1	2	L1-4	2a
3	L1-3	3	4	L1-7	4
5	L1-4	2b	6	L1-4	2c
7	SPARE	-	8	SPARE	-

RELAY PANEL IN ROOM 130, BASIS OF DESIGN: ACUTY MODEL ARP

#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

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 COLUMBUS METROPOLITAN HOUSING AUTHORITY
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 FOR
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DRAWING TITLE:

SCHEDULES - ELECTRICAL

11-20-2020
 DRAWN BY: MC CHECKED BY: GL
 Proj. #20047
E-601
 BID & PERMIT SET

Branch Panel: M1

Location: Mech/Elec 130
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 42k
Mains Type: MLO
Mains Rating: 400 A

Notes:

Table with columns: CKT, Wire Size, Circuit Description, Trip, Brkr Opt, A, B, C, Brkr Opt, Trip, Circuit Description, Wire Size, CKT. Lists various electrical loads and their specifications.

Legend:

Summary table with columns: Load Classification, Connected Load, Demand Factor, Estimated..., Panel Totals. Totals: 27.84 kVA, 234 A, 22.82 kVA, 190 A, 24.17 kVA, 203 A.

Switchboard: MDP

Location: Mech/Elec 130
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65k
Mains Type: MCB
Mains Rating: 1000 A
MCB Rating: 1000 A

Table with columns: CKT, Circuit Description, # of Poles, Frame Size, Trip Rating, Load, Remarks. Lists switchboard components and their ratings.

Total Conn. Load: 192.1 kVA
Total Amps: 533 A

Summary table with columns: Conn. Load, Demand Load, Demand Current. Values: 192.1 kVA, 176.1 kVA, 489 A.

Branch Panel: L1

Location: Mech/Elec 130
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22k
Mains Type: MLO
Mains Rating: 100 A

Notes:

Table with columns: CKT, Wire Size, Circuit Description, Trip, Brkr Opt, A, B, C, Brkr Opt, Trip, Circuit Description, Wire Size, CKT. Lists electrical loads for Branch Panel L1.

Legend:

Summary table with columns: Load Classification, Connected Load, Demand Factor, Estimated..., Panel Totals. Totals: 2.24 kVA, 20 A, 2.87 kVA, 25 A, 1.42 kVA, 12 A.

Branch Panel: K1

Location: Mech/Elec 130
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22k
Mains Type: MLO
Mains Rating: 225 A

Notes:

Table with columns: CKT, Wire Size, Circuit Description, Trip, Brkr Opt, A, B, C, Brkr Opt, Trip, Circuit Description, Wire Size, CKT. Lists electrical loads for Branch Panel K1.

Legend:

Summary table with columns: Load Classification, Connected Load, Demand Factor, Estimated..., Panel Totals. Totals: 6.16 kVA, 54 A, 3.28 kVA, 27 A, 5.38 kVA, 47 A.

Branch Panel: P1

Location: Mech/Elec 130
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 42k
Mains Type: MLO
Mains Rating: 225 A

Notes:

Table with columns: CKT, Wire Size, Circuit Description, Trip, Brkr Opt, A, B, C, Brkr Opt, Trip, Circuit Description, Wire Size, CKT. Lists electrical loads for Branch Panel P1.

Legend:

Summary table with columns: Load Classification, Connected Load, Demand Factor, Estimated..., Panel Totals. Totals: 7.81 kVA, 66 A, 8.76 kVA, 74 A, 7.33 kVA, 61 A.

Branch Panel: P2

Location: Mech/Elec 130
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 42k
Mains Type: MLO
Mains Rating: 225 A

Notes:

Table with columns: CKT, Wire Size, Circuit Description, Trip, Brkr Opt, A, B, C, Brkr Opt, Trip, Circuit Description, Wire Size, CKT. Lists electrical loads for Branch Panel P2.

Legend:

Summary table with columns: Load Classification, Connected Load, Demand Factor, Estimated..., Panel Totals. Totals: 11.54 kVA, 97 A, 10.06 kVA, 85 A, 9.38 kVA, 78 A.

Table with columns: #, DATE, CHANGE DESCRIPTION. Shows revision 1 on 01-29-2021 for Addendum #1.

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DRAWING TITLE: SCHEDULES - ELECTRICAL
11-20-2020
DRAWN BY: MC CHECKED BY: GL
Proj. #20047
E-602
BID & PERMIT SET

Proj. #20047

POST OAK EARLY LEARNING CENTER

3570 O'DONNELL COURT
COLUMBUS, OHIO

PREPARED FOR:



**COLUMBUS METROPOLITAN
HOUSING AUTHORITY**

COMMUNITY. COMMITMENT. COLLABORATION.

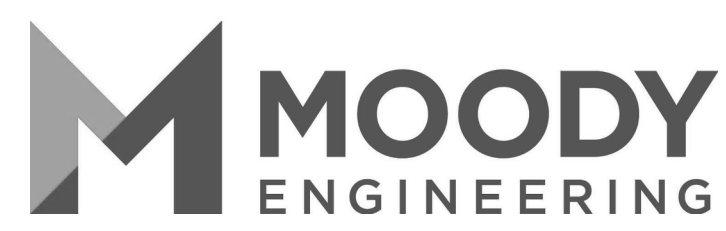
880 EAST 11TH AVENUE
COLUMBUS, OH 43211

**BID PACKAGE #1
- TECHNOLOGY
EARLY LEARNING CENTER**

**ADDENDUM #1
1-29-2021**

PREPARED BY:

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BID & PERMIT SET 11-20-2020

ABBREVIATIONS	
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.	
A	AMPERE
AC	ALTERNATING CURRENT OR AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
ANNC	ANNUNCIATOR
AWG	AMERICAN WIRE GAUGE
BPS	BOLTED PRESSURE SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
DC	DIRECT CURRENT
DP	DISTRIBUTION PANELBOARD
DTT	DOUBLE TWIN TUBE
EB	ELECTRONIC BALLAST
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METAL TUBING
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FLA	FULL LOAD AMPS
G	GROUND
GC	GENERAL TRADES CONTRACTOR
GF	GROUND FAULT CIRCUIT INTERRUPTER
GEN	GENERATOR
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPC	HIGH PRESSURE CONTACT SWITCH
HZ	HERTZ
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INCD	INCANDESCENT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING OR LIGHT
LRA	LOCKED ROTOR AMPS
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MSB	MAIN SWITCHBOARD
MH	METAL HALIDE
MTS	MANUAL TRANSFER SWITCH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NF	NON-FUSED
OCC	OCCUPANCY
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSH BUTTON
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)
PWR	POWER
RECPT	RECEPTACLE
STP	SHIELDED, TWISTED PAIR
TC	TIME CLOCK
TRT	TRIPLE TUBE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTP	UNSHIELDED, TWISTED PAIR
V	VOLT
W	WATT
WAP	WIRELESS ACCESS POINT
WH	WATTHOUR
WP	WEATHERPROOF, NEMA 3R UNO
XFMR	TRANSFORMER
Z	IMPEDANCE
□	PHASE

TELECOMM SYMBOLS	
NOTE: NOT ALL SYMBOLS MAY BE USED.	
	WALL MOUNTED DATA OUTLET - (2) PORTS
	WALL MOUNTED DATA OUTLET - (1) PORT
	WALL MOUNTED DATA OUTLET - (4) PORT
	CAT5A OUTLET AND WIRELESS ACCESS POINT (WAP) (UBIQUITY, NETGEAR OR CISCO)
	SURFACE MOUNTED RACEWAY
	CABLE TRAY
	EQUIPMENT RACK
	TELEPHONE TERMINAL BOARD/PLYWOOD BACKBOARD: REFER TO PLANS FOR ACTUAL LENGTHS

SECURITY SYMBOLS	
NOTE: NOT ALL SYMBOLS MAY BE USED.	
	SECURITY CAMERA - FIELD COORDINATE WITH OWNER'S VENDOR FOR EXACT LOCATION AND REQUIREMENT X = BLANK = SINGLE; M = MULTI-LENS
	CARD READER
	ELECTRIC LATCH
	ELECTRIC HINGE
	DOOR CONTACT
	REQUEST TO EXIT
	MOTION DETECTOR
	HANDICAP PUSH BUTTON
	PUSH BUTTON
	CCTV EQUIPMENT RACK

INTERCOM SYMBOLS	
BASIS OF DESIGN - AIPHONE	
	VIDEO MASTER STATION
	VIDEO ROOM STATION
	VIDEO DOOR STATION
	VIDEO DOOR STATION WITH CARD READER

LINE TYPE LEGEND	
	CONDUIT/WIRE BELOW GRADE
	CONDUIT/WIRE CONCEALED

T-000	Cover Sheet
T-001	GENERAL INFORMATION - TECHNOLOGY
T-002	SITE PLAN - TECHNOLOGY
T-101	FLOOR PLAN - TECHNOLOGY
T-501	DETAILS - TECHNOLOGY
T-502	DETAILS - TECHNOLOGY

- GENERAL NOTES:**
- ALL INSTALLATION SHALL COMPLY WITH ANY APPLICABLE LOCAL AND NATIONAL BUILDING CODES, AND THE NATIONAL ELECTRICAL CODE (NEC) 2017 EDITION.
 - REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN DIVISION 26, 27 AND 28.
 - WHERE EXACT DIMENSIONS ARE NOT CALLED OUT, THE LOCATION OF EQUIPMENT, JUNCTION BOX, OUTLETS, WIREWAYS, PANELS ETC. ARE TO BE IDENTIFIED ON CONTRACTOR'S COORDINATION DRAWINGS FOR REVIEW ACCORDING TO PROJECT GENERAL CONDITIONS.
 - UPON COMPLETION OF WORK, ALL MATERIALS AND EQUIPMENT FURNISHED IN THIS CONTRACT SHALL BE THOROUGHLY CLEANED OF DIRT, GREASE, RUST AND OILS. PREPARE FOR FINISH PAINTING OR TOUCH-UP AS REQUIRED.
 - ALL INSTALLATION SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER.

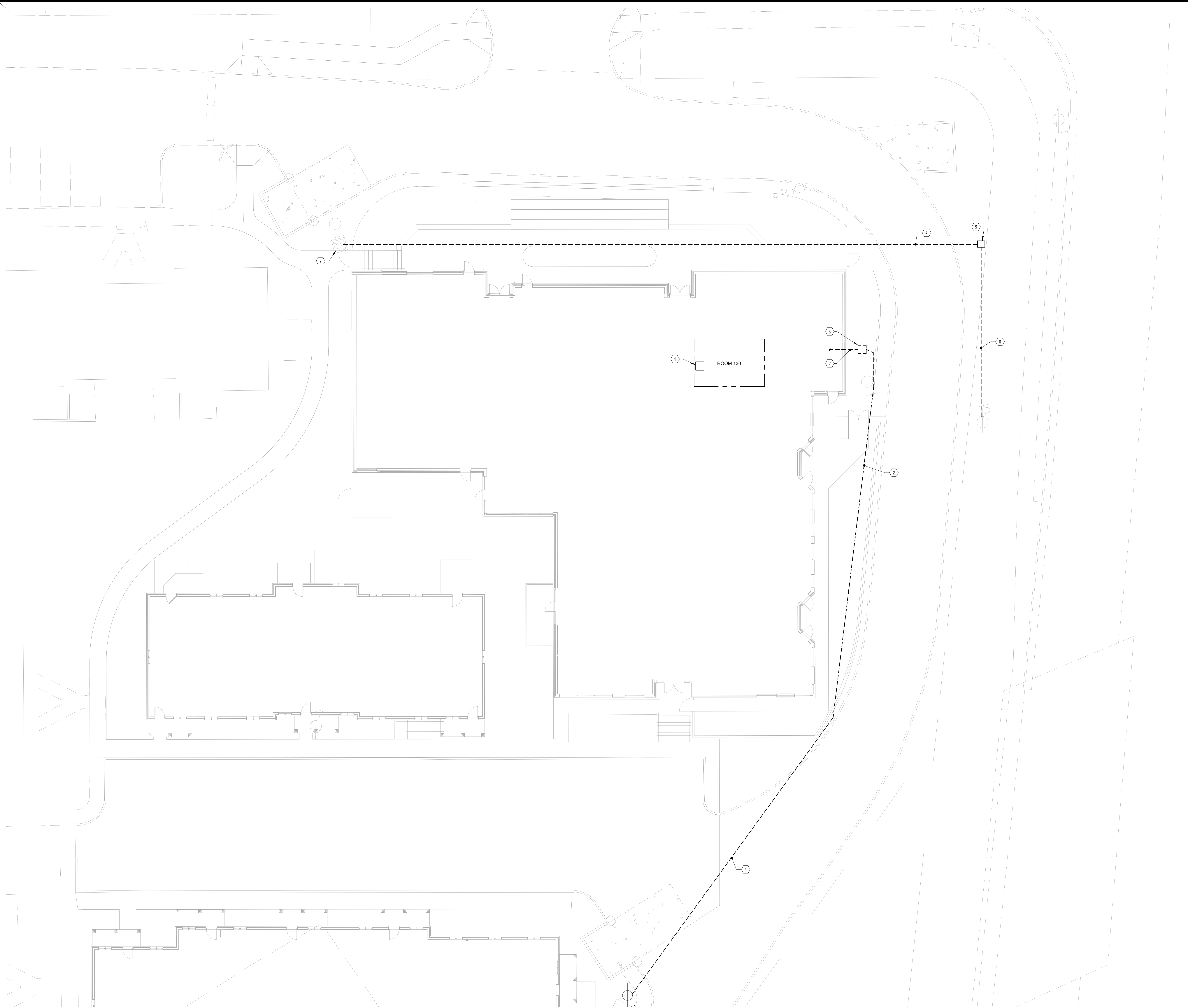
#	DATE	CHANGE DESCRIPTION
2	01-29-2021	Addendum #1

POST OAK EARLY LEARNING CENTER
 COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3570 O'DONNELL COURT COLUMBUS, OHIO
 FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY

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DRAWING TITLE:
GENERAL INFORMATION - TECHNOLOGY

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T-001	
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- GENERAL NOTES:**
- A. CONTRACTOR TO PROVIDE ALLOWANCE IN THE BID FOR AID TO CONSTRUCTION COST TO BE PAID TO THE CABLE AND TELEPHONE COMPANY. CONTRACTOR SHALL PROVIDE PROOF OF PAYMENT FOR REIMBURSEMENT FROM THE ALLOWANCE.
 - B. UNDERGROUND ROUTING SHOWN IS SCHEMATIC. COORDINATE EXACT ROUTING WITH CIVIL PLANS. (NOT ALL SITE CONDUIT ROUTES FOR BRANCH CIRCUITING ARE SHOWN).
 - C. COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES.
 - D. REFER TO DETAILS ON SHEET T-502 FOR ADDITIONAL INFORMATION.
 - E. ALL EXTERIOR CONDUITS RISING ABOVE GRADE, ENTERING MANHOLES, HANDHOLES, BUILDINGS AND OR/EQUIPMENT SHALL BE PVC COATED RGS FROM THE LAST 6 FEET OF TRANSITION FROM BELOW GRADE. UNLESS NOTED OTHERWISE, ALL EXTERIOR CONDUITS SHALL BE MINIMUM 1".
 - F. COORDINATE TRENCHING AND BACKFILL REQUIREMENTS WITH CIVIL DRAWINGS AND SPECIFICATIONS.
 - G. ALL UTILITY CONDUITS SHALL BE SPACED A MINIMUM OF 12" APART HORIZONTALLY (NO OTHER CONDUITS ARE ALLOWED ABOVE OR BELOW IN PARALLEL WITH AEP CONDUITS). AEP PRIMARY CONDUITS SHALL NOT BE GROSSED BY OTHER UTILITIES UNLESS PERMITTED BY AEP.

- CODED NOTES:**
- 1. APPROXIMATE LOCATION OF IT RACK IN ROOM 130.
 - 2. PROVIDE 4" UNDERGROUND CONDUITS FOR TELECOMMUNICATION SERVICES (AT&T AND SPECTRUM) TO IT ROOM 130. REFER TO T-101 FOR CONTINUATION.
 - 3. PROVIDE 3' X 3' X 3' SPLIT TELECOMMUNICATIONS PULLBOX WITH OPEN BOTTOM (MIN. TIER 15). COORDINATE EXACT LOCATION WITH TELECOM COMPANIES AND CIVIL ENGINEER.
 - 4. PROVIDE CONCRETE ENCASED UNDERGROUND CONDUITS CROSSING VEHICLE DRIVEWAY.
 - 5. PROVIDE 11" X 17" UNDERGROUND PULLBOX.
 - 6. PROVIDE 1 - 4" UNDERGROUND CONDUIT WITH PULLSTRING FOR SPECTRUM. CABLE/FIBER RELOCATION SHALL BE BY UTILITY COMPANY.
 - 7. PROVIDE CONDUIT PENETRATION INTO EXISTING SPECTRUM PULLBOX. COORDINATE ACCESS WITH SPECTRUM.

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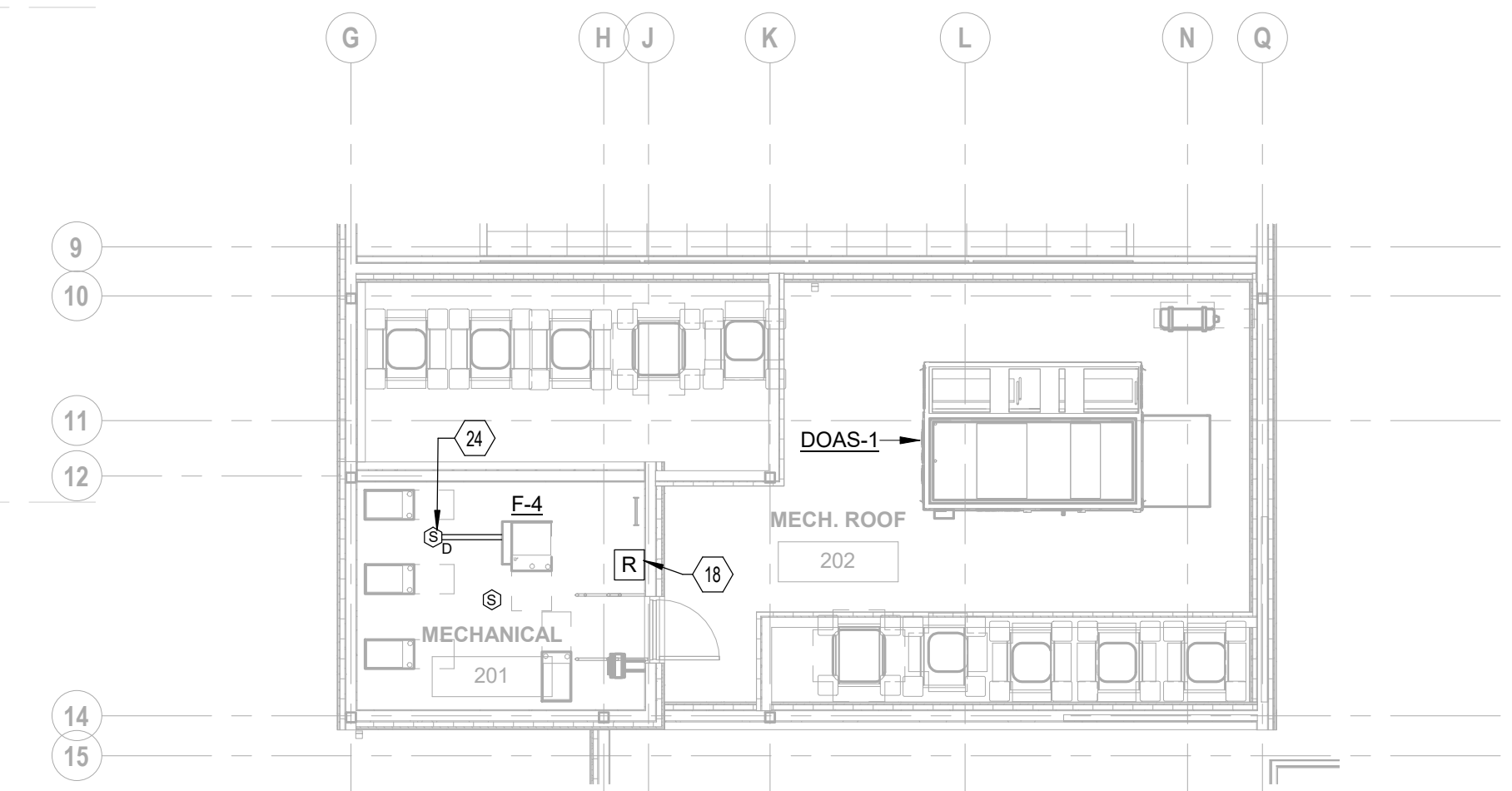
DRAWING TITLE:
SITE PLAN - TECHNOLOGY

1 SITE PLAN - TECHNOLOGY - ENLARGED PLAN
 3/32" = 1'-0"

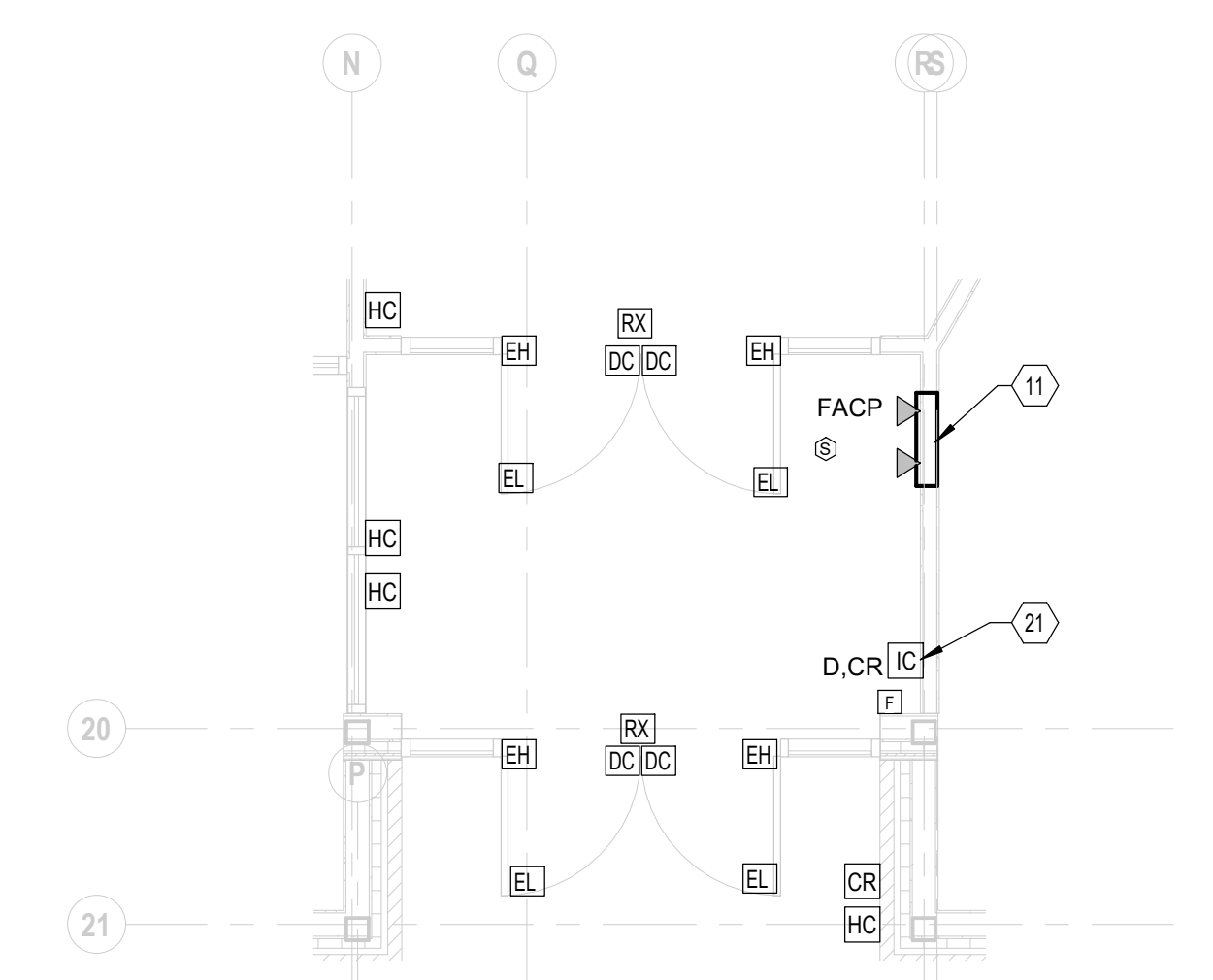
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1 PLAN FIRST FLOOR PLAN - TECHNOLOGY
1/8" = 1'-0"



2 MECHANICAL PLATFORM CEILING PLAN - TECHNOLOGY
1/8" = 1'-0"



3 ENLARGED PLAN - VESTIBULE 100
1/4" = 1'-0"

- GENERAL NOTES:**
- A. COORDINATE ALL ROUGH-IN REQUIREMENTS OF DEVICES IN CASEWORK, FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS AND OWNER.
 - B. CONTRACTOR SHALL CONDUCT A PRE-INSTALLATION CONFERENCE WITH THE OWNER AND A/E TO CONFIRM DEVICE LOCATIONS PRIOR TO ROUGH-IN OF ALL DIVISION 27 AND 28 DEVICES.
 - C. AT ALL ROUGH-IN DATA LOCATIONS, CONTRACTOR TO PROVIDE 4" JUNCTION BOX WITH SINGLE GANG ADAPTER WITH MINIMUM 1" CONDUIT WITH PULLCORD TO SERVE DATA CABLING (BY TECHNOLOGY VENDOR). STUB CONDUIT 3" TO ABOVE ACCESSIBLE CEILING.
 - D. AV SYSTEM SPEAKERS. COORDINATE LOCATIONS WITH OWNER'S VENDOR PRIOR TO ROUGH-IN AND MAKE FINAL CONNECTIONS TO AV SYSTEM.
 - E. REFER TO ARCHITECTURAL DOOR SCHEDULES AND DOOR HARDWARE SPECIFICATIONS FOR DEVICES INSTALLED AT DOORWAYS.
 - F. **CODED NOTES:**
 - 1. PROVIDE 2-POST IT RACK. FIELD VERIFY WITH OWNER FOR ADDITIONAL REQUIREMENTS. REFER TO DETAIL 17-501.
 - 2. PROVIDE 8" HIGH PLYWOOD BACKBOARD FOR COMMUNICATIONS EQUIPMENT. PAINT IN GRAY FIRE RETARDANT MARINE PAINT.
 - 3. PROPOSED LOCATION OF WIRELESS ACCESS POINT (WAP). CONTRACTOR SHALL PROVIDE A WIRELESS SIGNAL STRENGTH SURVEY PRIOR TO INSTALLING WAPS.
 - 4. PROVIDE DATA OUTLET TO SERVE DATA AND PHONE LINE CONNECTIONS FOR PRINT/FAX MACHINE.
 - 5. PROVIDE 2 - 4" CONDUIT SLEEVES FOR DATA CABLING.
 - 6. PROVIDE DATA CONNECTION TO ACCESS CONTROL PANEL.
 - 7. PROVIDE (4) 4" TELECOM UTILITY CONDUIT STUBS. REFER TO SITE PLAN FOR CONTINUATION.
 - 8. PROVIDE FIRE ALARM ADDRESSABLE MODULES FOR SPRINKLER SYSTEM TAMPER AND FLOW SWITCHES. REFER TO FIRE PROTECTION DRAWINGS FOR EXACT LOCATION AND ADDITIONAL REQUIREMENTS.
 - 9. PROVIDE FIRE ALARM ADDRESSABLE MODULES FOR KITCHEN HOOD SUPPRESSION SYSTEM FOR SUPERVISORY AND TROUBLE MONITORING.
 - 10. ANSUL SUPPRESSION CONTROL PANEL LOCATED NEXT TO HOOD. PROVIDE CONTROL WIRING BETWEEN HOOD FIRE SUPPRESSION SYSTEM CONTROL, SHUNT TRIP CIRCUIT BREAKERS, AND GAS SOLENOID VALVE FOR AUTOMATIC SHUT DOWN OF ELECTRICAL EQUIPMENT BENEATH HOOD UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. INSTALL IN COMPLIANCE WITH NFPA 70A.
 - 11. PROVIDE FIRE ALARM PANEL. PROVIDE WITH 2 PHONE LINE CONNECTIONS FOR REPORTING.
 - 12. PROVIDE JUNCTION BOX AND CONDUIT TO HOOD SUPPRESSION PANEL FOR MANUAL RELEASE PULL STATION AND EXHAUST FAN CONTROL. MOUNT AT 48" A.F.F. PROVIDE CABLING BETWEEN PANEL AND DEVICES. COORDINATE REQUIREMENTS WITH HOOD VENDOR.
 - 13. PROVIDE TELECOM GROUND BUSBAR. REFER TO DETAIL 27-501.
 - 14. PROVIDE FOR CARD READER AND ASSOCIATED ACCESS CONTROL DEVICES. REFER TO DETAILS.
 - 15. PROVIDE DATA OUTLET FOR CHECK-IN STATION.
 - 16. PROVIDE DATA OUTLET FOR TV.
 - 17. PROVIDE PROTECTIVE WIRE GUARDS FOR FIRE ALARM DEVICES INSTALLED IN THIS SPACE.
 - 18. FIRE ALARM RELAY FOR LOCAL FAN COIL UNIT SHUTDOWN.
 - 19. PROVIDE SURFACE MOUNTED INTERCOM WALL STATION WITH DEDICATED CAT6 DIRECT CONNECTION.
 - 20. PROVIDE INTERCOM DESKTOP MASTER STATION. PROVIDE CAT6 PATCH CABLE TO CONNECT TO WALL DATA OUTLET.
 - 21. PROVIDE FLUSH MOUNTED INTERCOM DOOR STATION WITH DEDICATED CAT6 DIRECT CONNECTION.
 - 22. PROVIDE MULTI-VIEW IP CAMERA WITH DEDICATED CAT6 CONNECTIONS.
 - 23. PROVIDE SINGLE LENS IP CAMERA WITH DEDICATED CAT6 CONNECTION.
 - 24. PROVIDE DUCT SMOKE DETECTOR (WITH REMOTE TEST STATION) IN RETURN DUCT OF FURNACE TO F-4 UNIT. COORDINATE EXACT LOCATION OF RETURN DUCT LOCATION WITH DIVISION 23 CONTRACTOR.
 - 25. PROVIDE FIRE ALARM ADDRESSABLE MODULE FOR DOAS-1 UNIT LOCATED ON THE ROOF FOR SUPERVISORY AND TROUBLE MONITORING.
 - 26. FIRE ALARM ADDRESSABLE RELAY MODULE FOR SHUTDOWN OF DOAS-1 UNIT (ON ROOF). COORDINATE EXACT CONNECTION REQUIREMENTS WITH HVAC CONTRACTOR.

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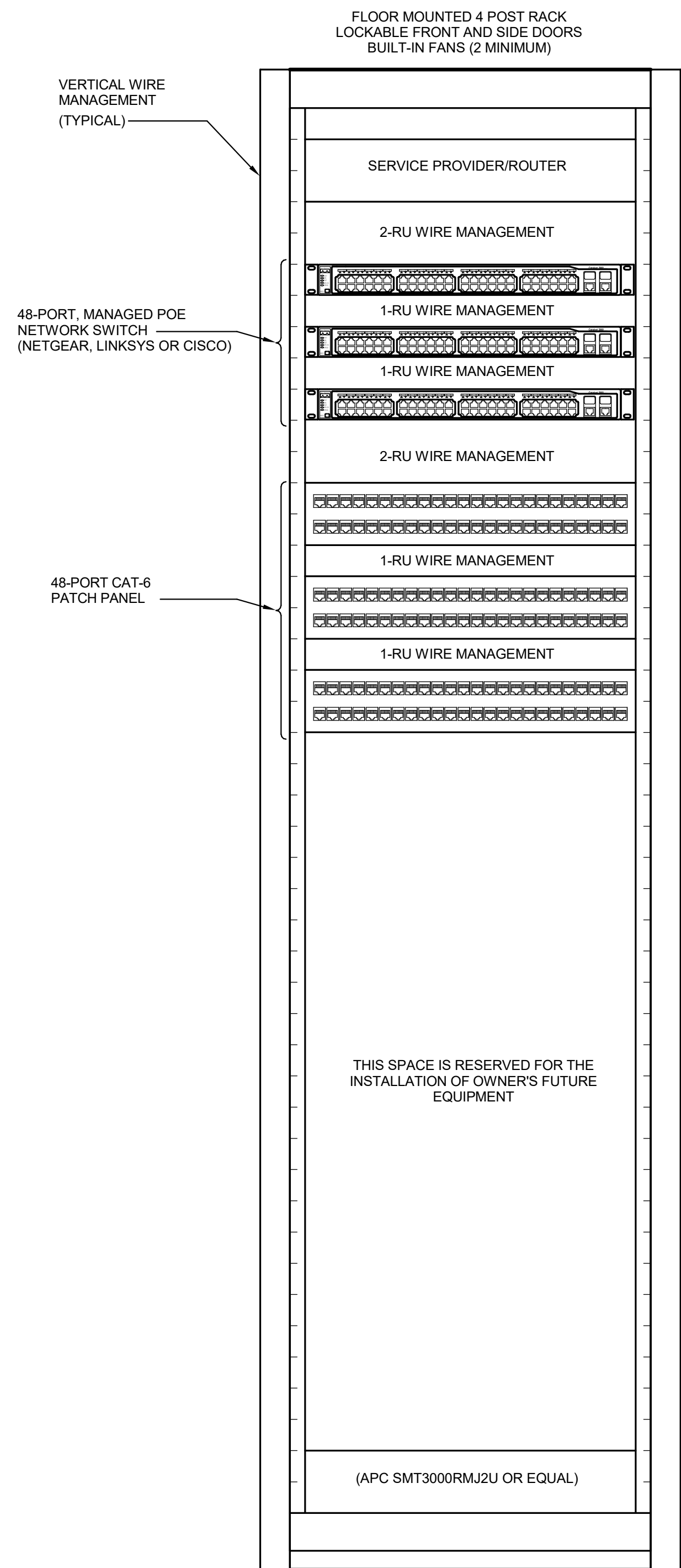
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DRAWING TITLE: **FLOOR PLAN - TECHNOLOGY**

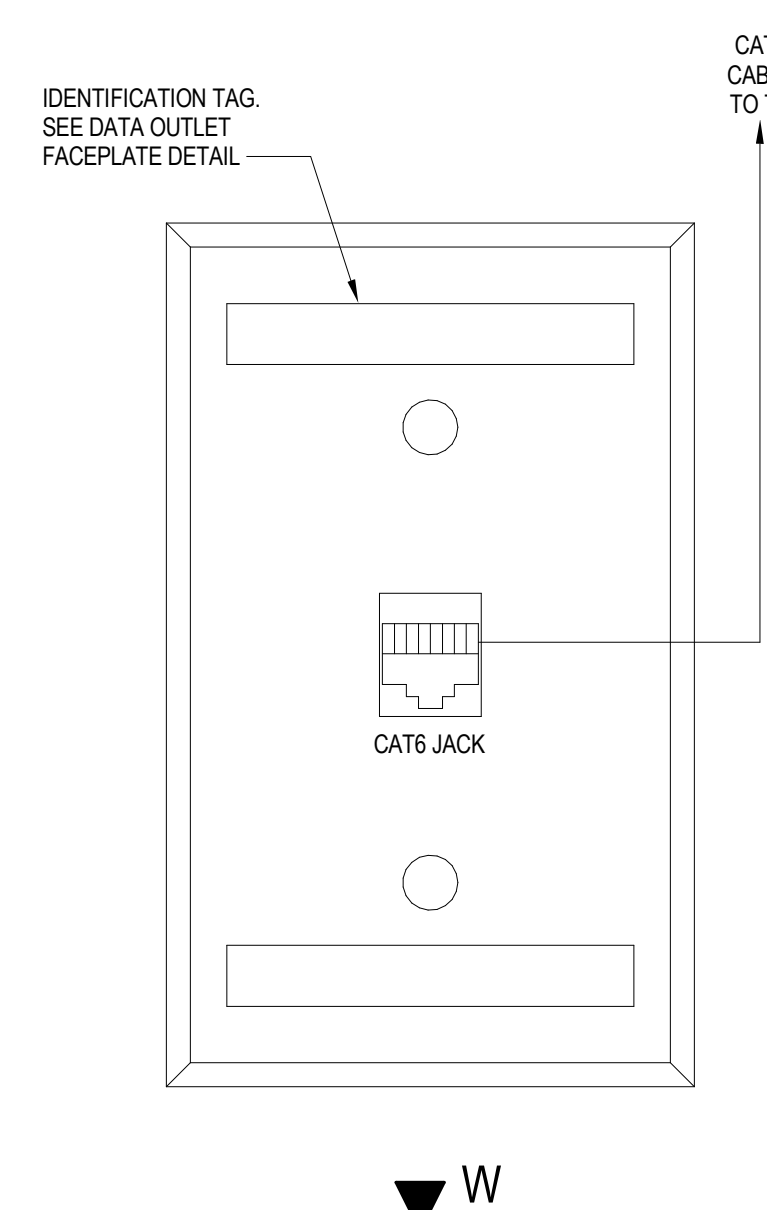
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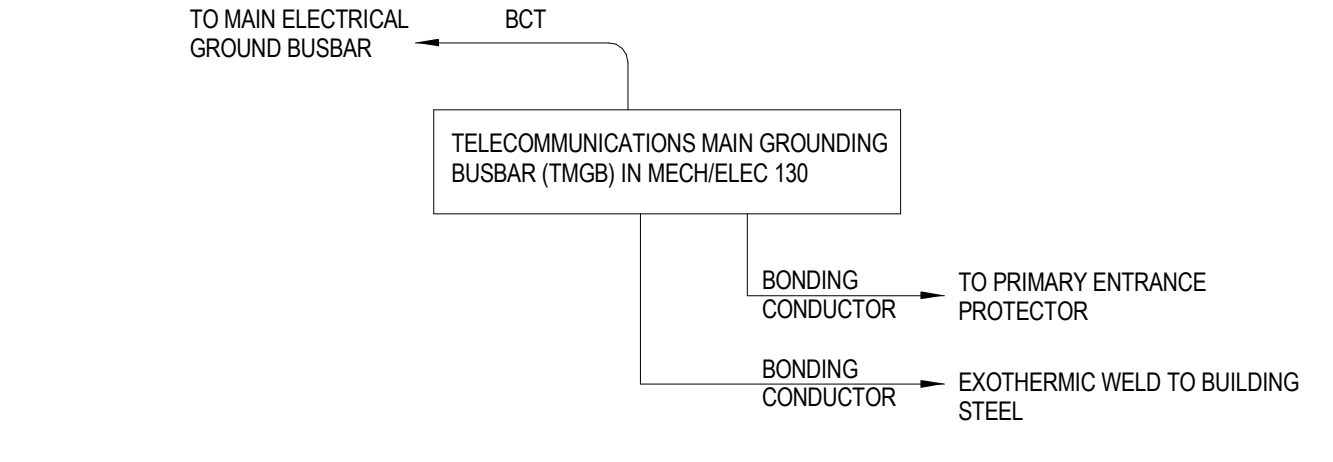
DIVISION 27 AND 28 CONTRACTORS TO COORDINATE LAYOUT OF RACK EQUIPMENT WITH OWNER'S IT REPRESENTATIVE (DOWNTOWN COMPUTERS, JEFF TAUBMAN, (614) 228-6600 EXT 11, JEFF@DOWNTOWNCOMPUTERS.NET)

- GENERAL NOTES:**
- A. 2-POST RACK AND CABLE MANAGEMENT SHALL BE PROVIDED.
 - B. PROVIDE TWO RACK MOUNTED EQUIPMENT TRAYS FOR ACCESSORIES. FIELD COORDINATE EXACT LOCATIONS.
 - C. COORDINATE ACTUAL ALL EQUIPMENT RACK UNITS WITH OWNER'S IT VENDOR PRIOR TO INSTALLATION.
 - D. COORDINATE EXACT NETWORK SWITCH REQUIREMENTS WITH OWNER'S IT REPRESENTATIVE. REFER TO DIVISION 27 AND 28 SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

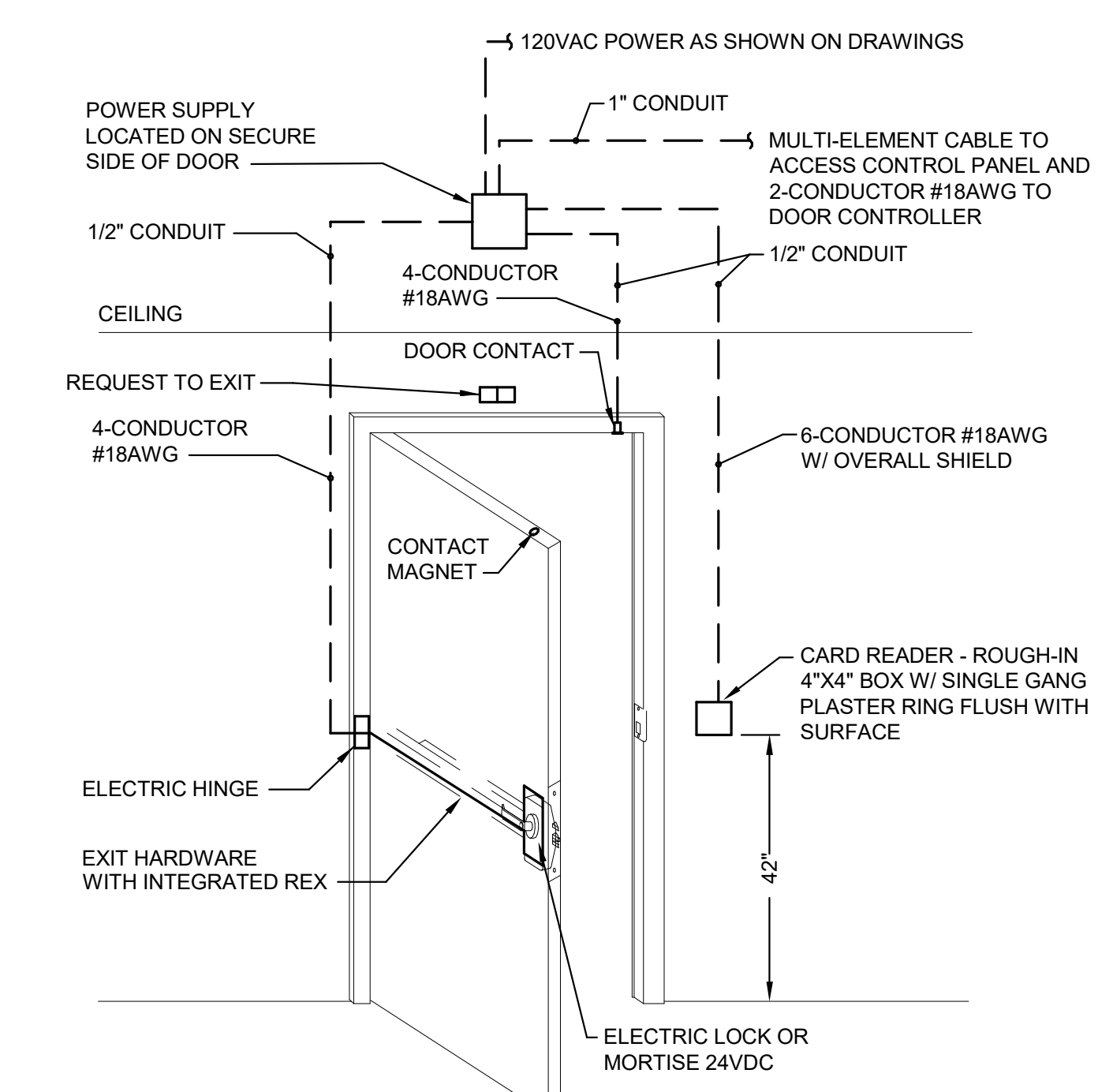
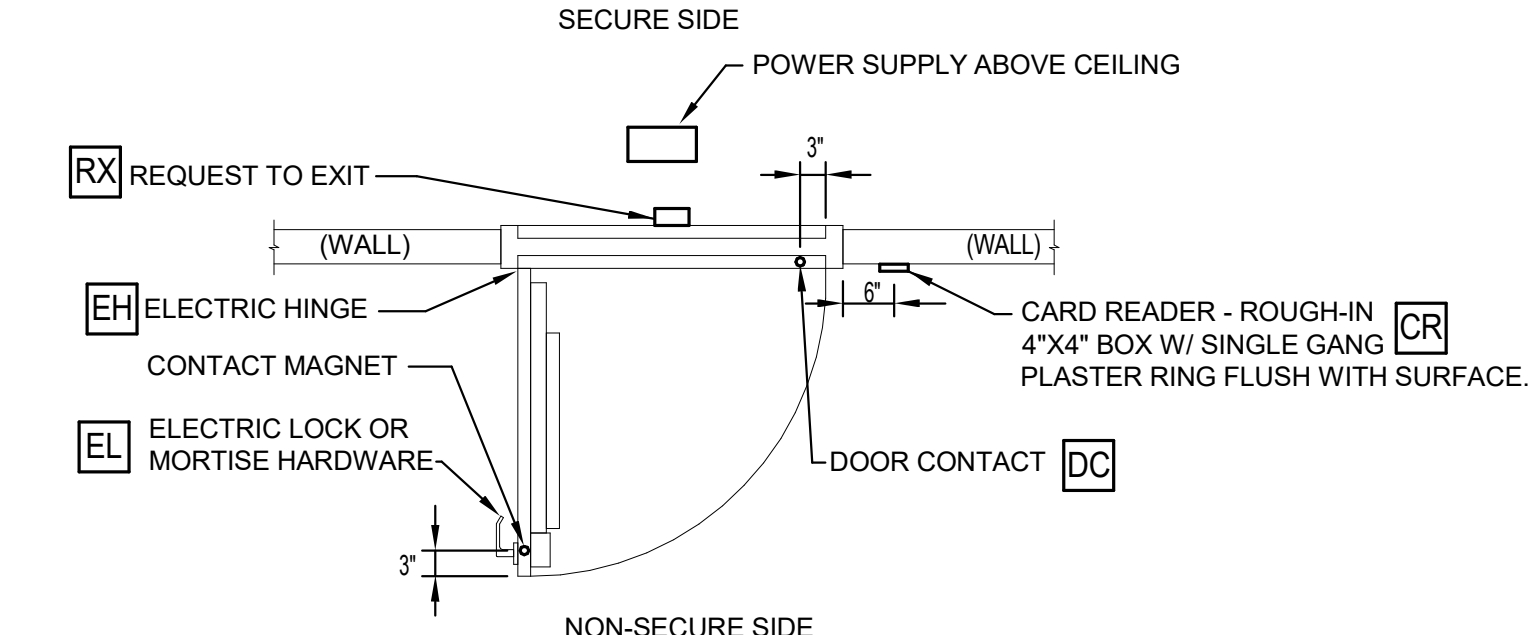
1 DETAIL - IT SERVER RACK
NTS



6 DETAIL - WALL PHONE OUTLET FACEPLATE
NTS

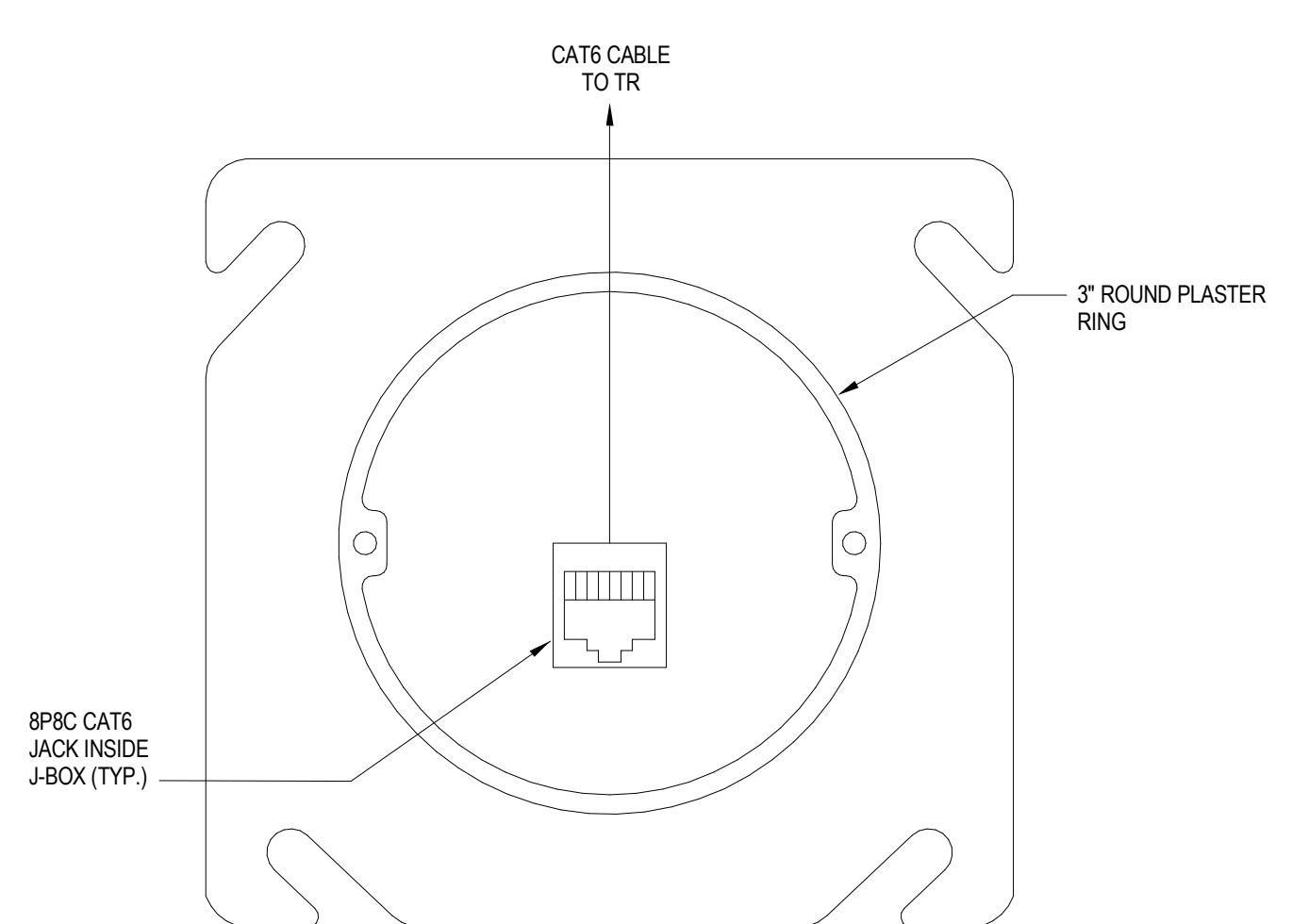


2 SCHEMATIC - TELECOM GROUNDING (TMGB)
NTS

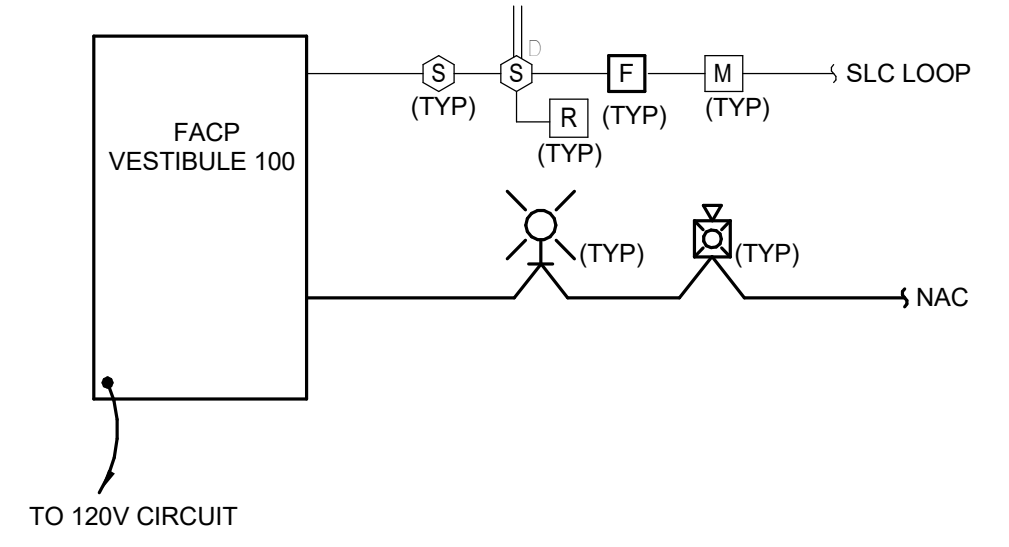


3 DETAIL - ACCESS CONTROL DOOR SCHEMATIC (STRIKE)
NTS

REFER TO ARCHITECT DOOR SPECIFICATION 08710 AND ARCHITECTURAL SHEETS A-101 AND A-701 FOR ADDITIONAL INFORMATIONS.

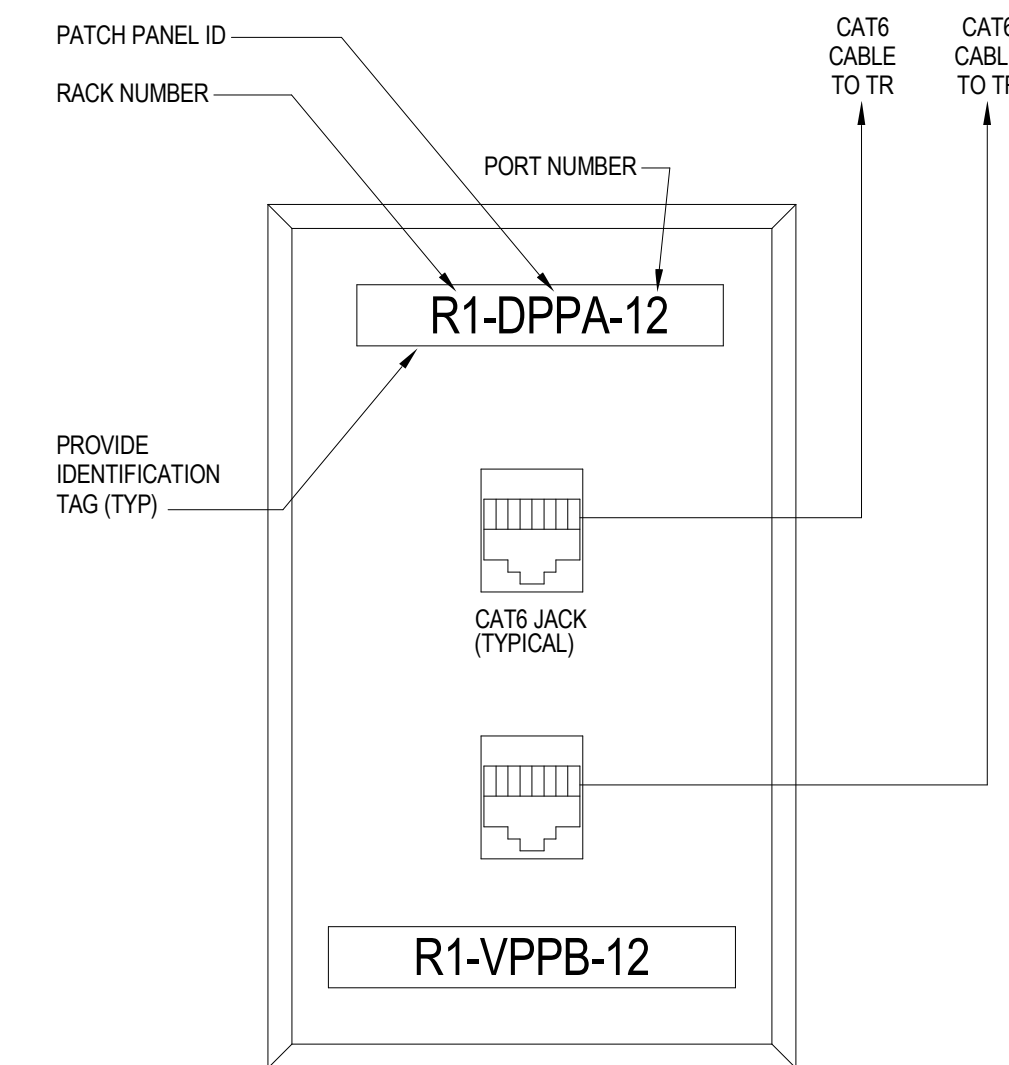


7 DETAIL - WAP FACEPLATE
NTS

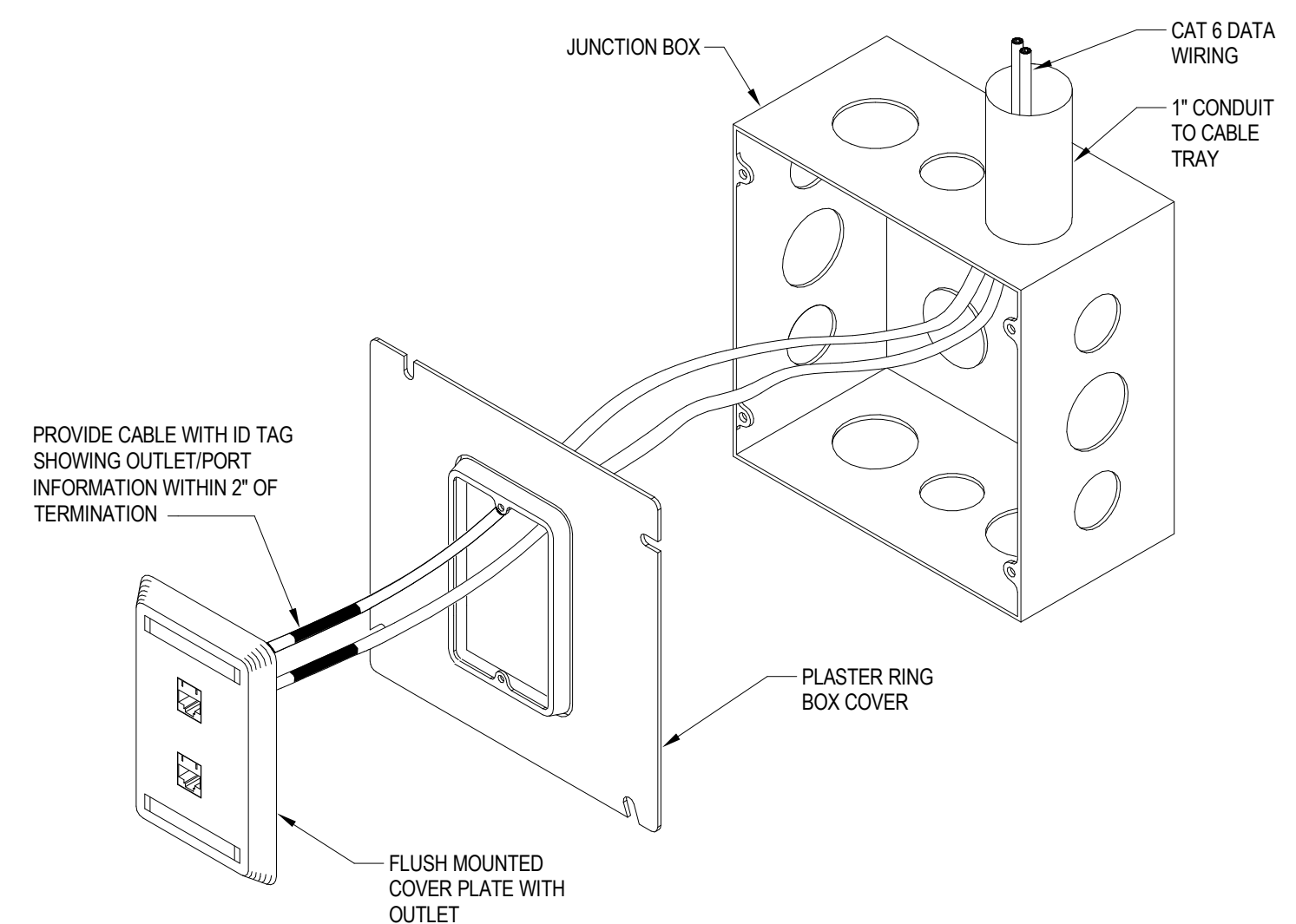


- GENERAL NOTES:**
- A. COORDINATE EXACT LOCATION WITH DIVISION 21 AND 23 FOR ALL SPRINKLER TAMPER AND FLOW SWITCHES, AND DUCT SMOKE DETECTORS.

4 DETAIL - FIRE ALARM RISER SYSTEM SCHEMATIC
NTS



5 DETAIL - DATA OUTLET FACEPLATE
NTS



8 DETAIL - DATA OUTLET WIRING
NTS

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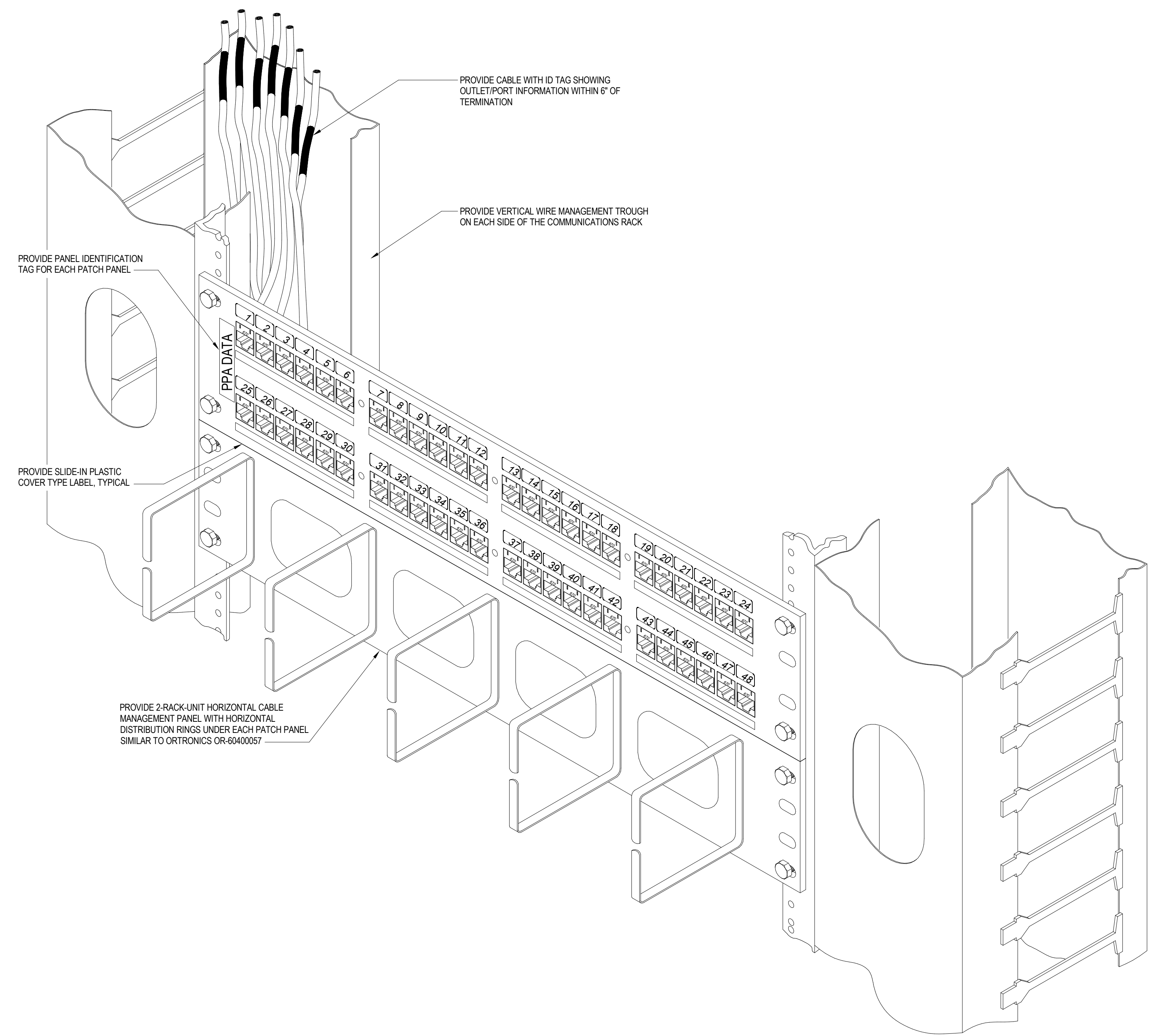
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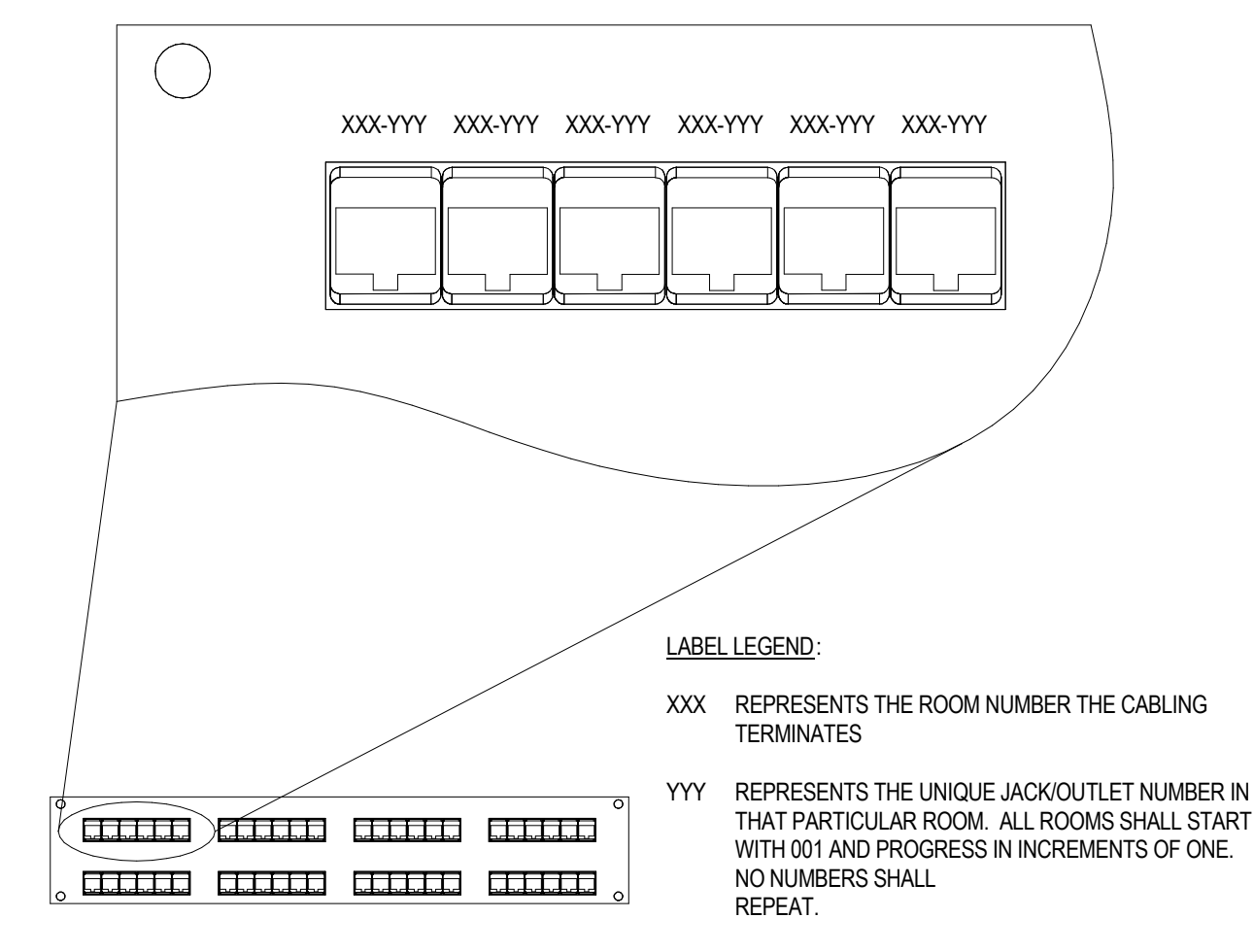
MOODY-NOLAN

DRAWING TITLE: **DETAILS - TECHNOLOGY**

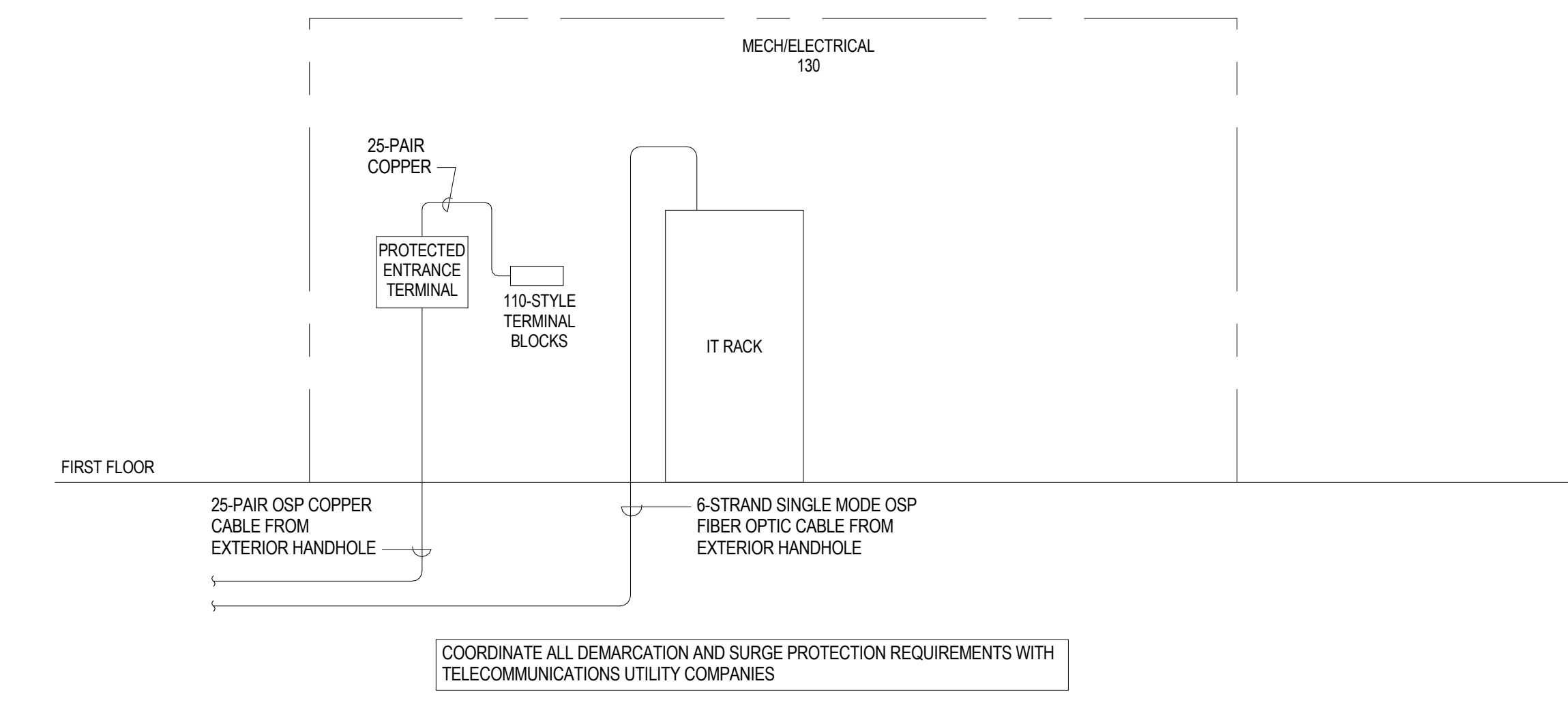
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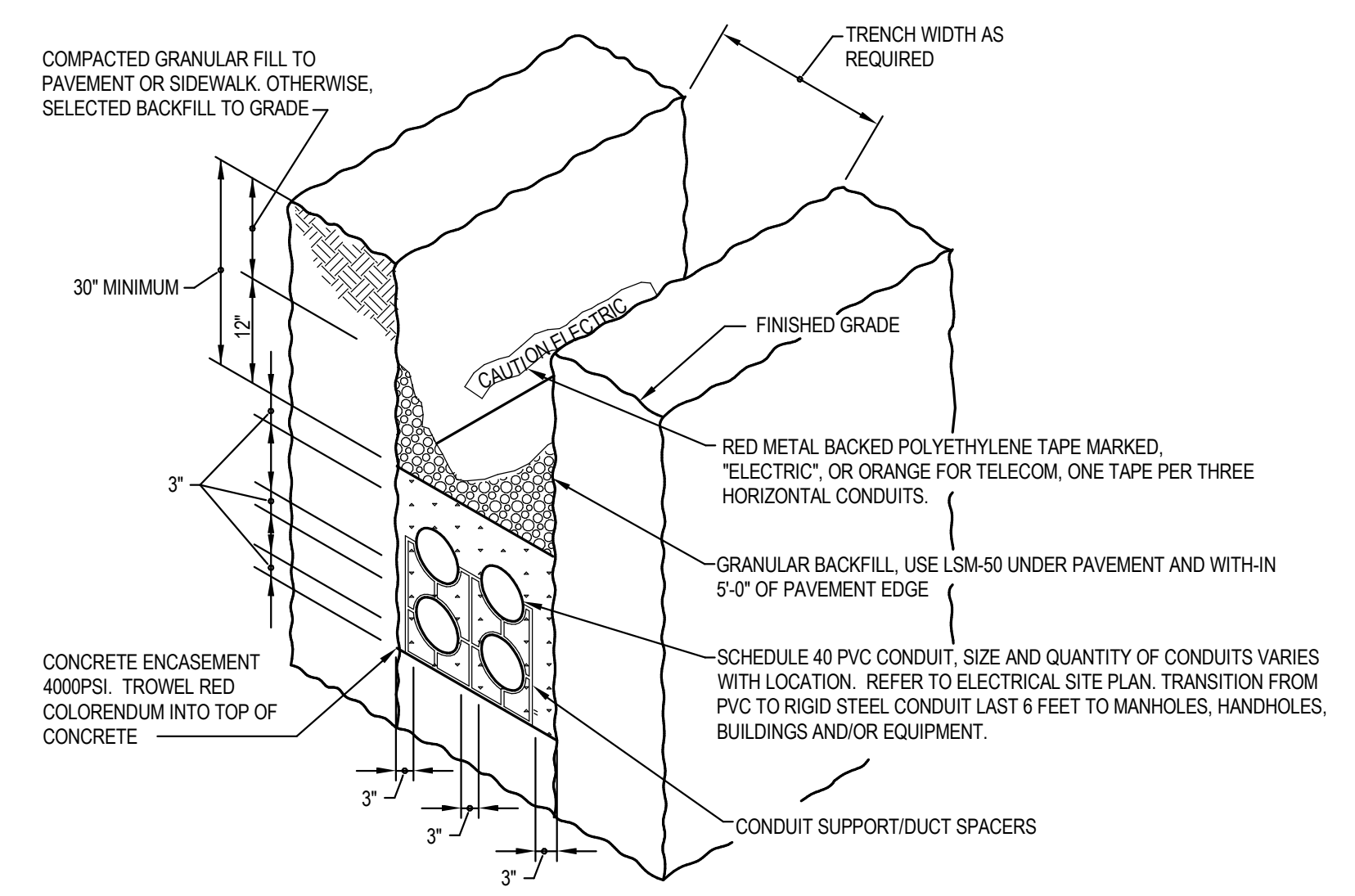
1 **DETAIL - PATCH PANEL**
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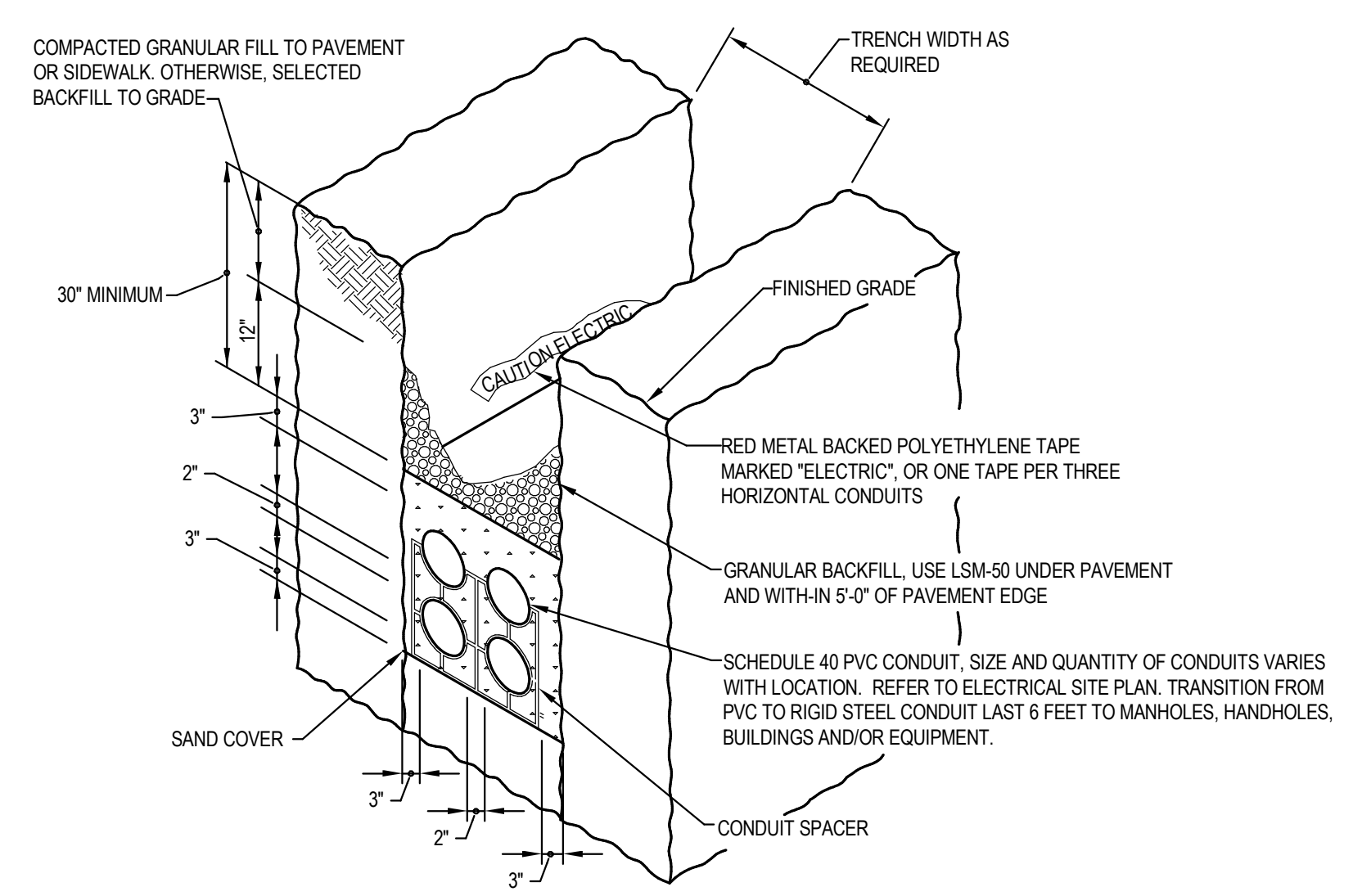
2 **DETAIL - PATCH PANEL LABELING**
NTS



3 **SCHEMATIC - TELECOM CABLING**
NTS



4 **DETAIL - CONCRETE ENCASED DUCTWORK**
NTS



5 **DETAIL - DIRECT BURIED CONDUIT**
NTS

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