





**GENERAL NOTES:**

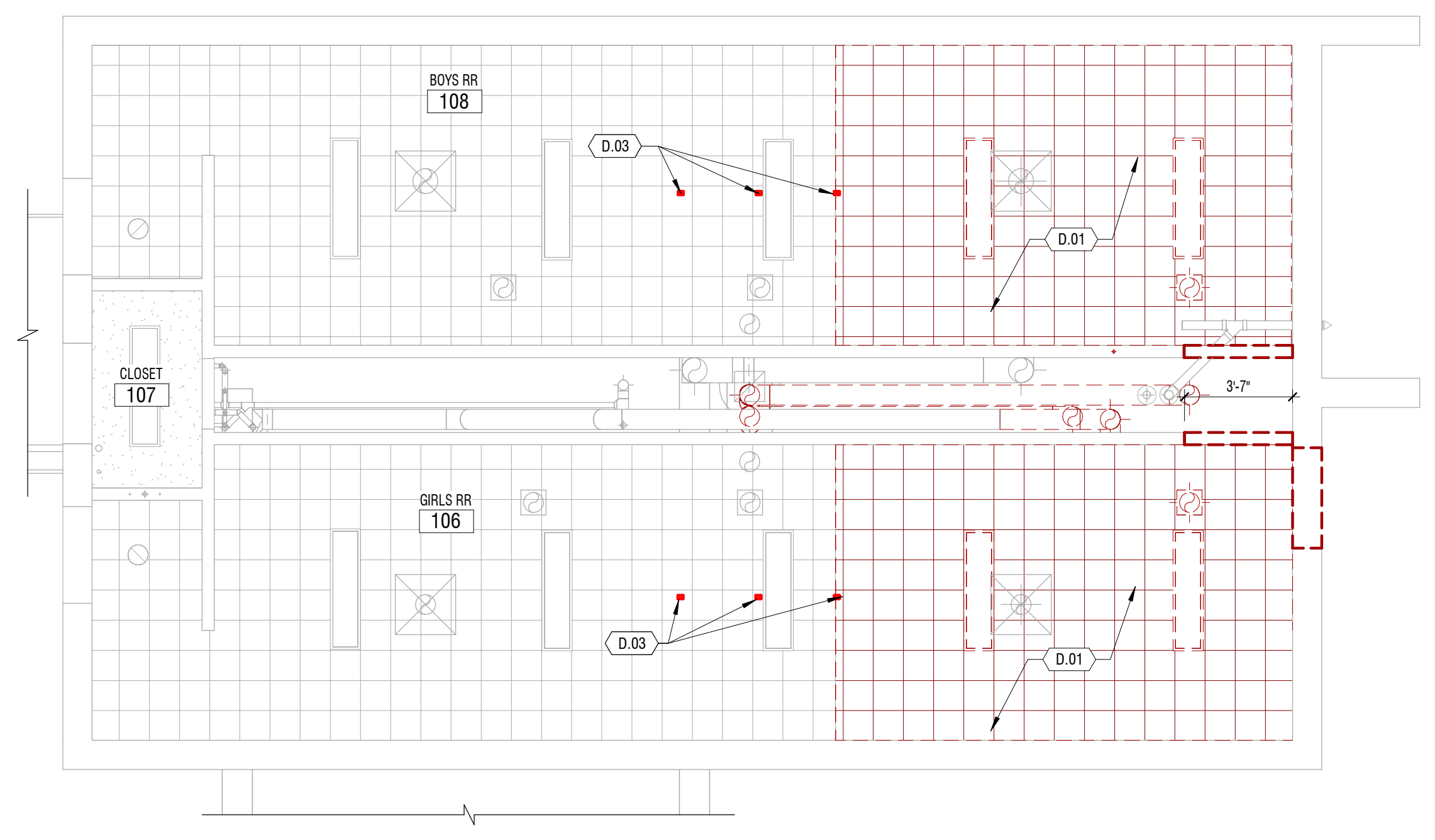
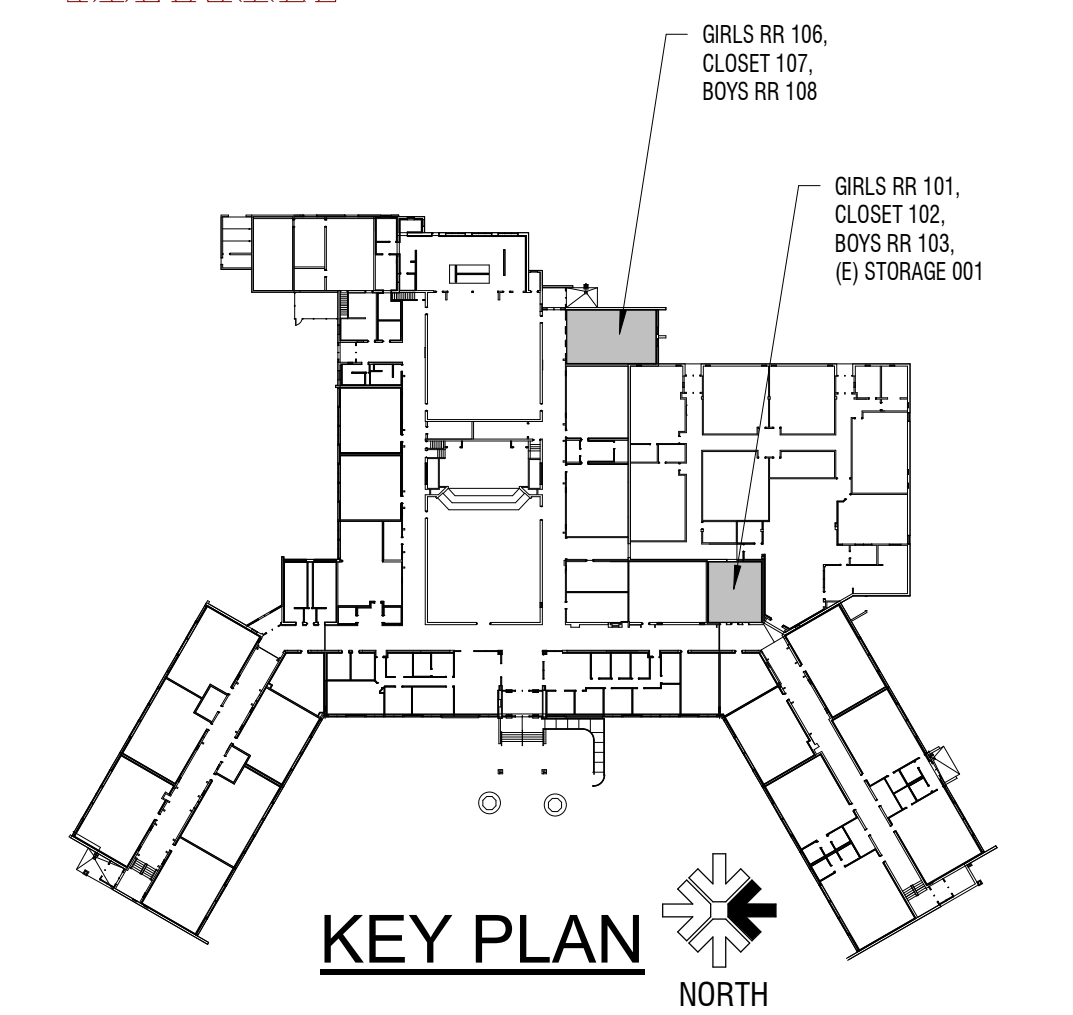
- THE DEMOLITION DRAWINGS ARE INTENDED TO SHOW THE GENERAL NATURE & SCOPE OF THE WORK REQUIRED. ON-SITE OBSERVATIONS SHOULD BE MADE AND REPORT ANY ABNORMAL CONDITIONS TO ARCHITECT. SOME INCIDENTAL ITEMS REQUIRING REMOVAL MAY NOT BE SPECIFICALLY CALLED OUT. REMOVAL OF ALL ITEMS NECESSARY FOR THE COMPLETION OF WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.  
 FIELD VERIFY EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. SEE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION PLANS AND SCOPE. REFER TO SHEET INDEX FOR DEMOLITION DRAWINGS. COORDINATE DISCREPANCIES WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- KEYNOTES: (#) THE FIRST TWO NUMBERS REPRESENT THE RELATED CSI MASTER FORMAT DIVISION. THE SECOND SET OF NUMBERS REPRESENTS AN IDENTIFYING MARK VALUE. NOT ALL VALUES MAY BE USED OR OCCUR IN THE DOCUMENT SET.  
 ADDITIONALLY, KEYNOTES RETAIN THEIR ASSIGNED VALUE UNIVERSALLY THROUGHOUT THE ARCHITECTURAL SET. THE KEYNOTES LISTED BELOW, REPRESENT THE KEYNOTES FOUND AND UTILIZED ON THIS SHEET AND EACH LIST WILL DIFFER RESPECTIVE TO ITS SHEET. THEREFORE, BASED ON ACTUAL KEYNOTES UTILIZED ON A GIVEN SHEET OF DRAWINGS, GAPS IN THE SEQUENCING WILL OCCUR.
- ALL INTERIOR DIMENSIONS ARE TO/FROM FACE OF FINISH. ALL EXTERIOR DIMENSIONS ARE TO/FROM FACE OF FINISH MATERIAL OR GRID WHERE SHOWN. CONTRACTOR SHALL COORDINATE EXISTING DIMENSIONS WITH PROPOSED SCOPE AND REPORT DISCREPANCIES WHERE FOUND.
- PROTECT ALL SURFACES THAT ARE TO REMAIN OR THAT ARE EXPOSED, AND PROVIDE DUST BARRIERS TO PROTECT ADJACENT AREAS FROM DUST AND DEBRIS DURING SELECTIVE DEMOLITION OPERATIONS.
- PATCH AND REPAIR DAMAGE IN WALLS, CEILINGS, AND FLOORS RESULTING FROM DEMOLITION OF EXISTING ITEMS OR CONSTRUCTION OF NEW ITEMS AND/OR REPLACE WITH NEW TO MATCH EXISTING. CLEAN AND PREPARE TO RECEIVE NEW FINISH. PROVIDE PAINT/FINISH TOUCHUP AT ALL DEMO LOCATIONS. CLEAN WORK AREA OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGIN.
- TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF DEBRIS.
- IN LOCATIONS WHERE NEW FLOOR FINISHES ARE BEING INSTALLED, EXISTING FLOORING WILL BE DEMOED AND SUB-FLOORING PREPPED TO RECEIVE NEW FINISHES AS INDICATED ON FINISH SCHEDULE.
- DEMOLISH EXISTING FLOORING WHERE SHOWN, INCLUDING: SETTING BEDS, ADHESIVES AND OTHER VARIANCES IN THE EXISTING FLOOR. PREPARE FLOOR TO RECEIVE NEW FLOORING AS REQUIRED BY CONTRACT DOCUMENTS.
- ALL OWNER FURNISHINGS AND EQUIPMENT SHALL BE REMOVED BY OWNER. ITEMS IDENTIFIED AS "REMOVED AND STORED" / "TO BE SALVAGED" SHALL BE REMOVED AND STORED IN A SAFE LOCATION PRIOR TO DEMOLITION.
- WALLS, DOORS, CABINETS, WINDOWS, CEILINGS, ETC. WHERE SHOWN DASHED ARE TO BE REMOVED.
- REMOVE ALL ABANDONED POWER AND SIGNAL CABLING BACK TO SOURCE AND SAFE OFF.
- REMOVE GENERAL FINISHES, SIGNAGE, FIXTURES, HARDWARE, ETC. THROUGHOUT AREA OF WORK. U.N.O. EXIT SIGNS ARE TO BE REMOVED AND STORED FOR REINSTALLATION.
- CONTRACTOR TO PATCH AND REPAIR DAMAGED FIRE PROOFING ON STRUCTURAL AND FIRE RATED ASSEMBLIES. MATCH EXISTING FIRE RATING.
- REMOVE OR COVER ALL EXISTING PERIMETER WINDOW COVERINGS PRIOR TO COMMENCEMENT OF DEMOLITION. CLEAN AND UNCOVER OR REINSTALL AT COMPLETION OF CONSTRUCTION.
- ALL EXISTING SPRINKLER / FIRE ALARM WORK SHALL BE SEPARATE SUBMITTAL. CONTRACTOR SHALL PROVIDE FINAL DESIGN AND PERMITTING.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE TO DETERMINE IF ANY PARTS OR EQUIPMENT ARE DESIRED TO BE KEPT BY THE OWNER. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL. ANY ITEM NOT WISHED TO BE RETAINED, SHALL BE DISPOSED OF AT THE RESPONSIBILITY OF THE CONTRACTOR.

**KEYNOTES**

MARK	DESCRIPTION
D.01	(E) LAY IN TILE, DRYWALL WITH ACOUSTICAL TILE, LIGHTS, GRILLED, ETC TO BE REMOVED, PATCH & REPAIR AS REQUIRED - SEE ELECTRICAL AND MECHANICAL FOR ADDITIONAL DEMOLITION REQUIREMENTS.
D.02	(E) WALL TO BE REMOVED AS NEEDED FOR OPENING - SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS
D.03	(E) TOILET PARTITION TO BE REMOVED
D.04	(E) PLUMBING FIXTURE TO BE REMOVED - SEE PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS
D.05	(E) TOILET ACCESSORIES TO BE REMOVED AND SALVAGED TO OWNER
D.08	(E) FLOOR TILE PROTECT IN PLACE, PATCH AND REPAIR AS REQUIRED
D.09	(E) WALL TILE PROTECT IN PLACE, PATCH AND REPAIR AS REQUIRED
D.10	(E) TOILET PARTITION TO BE REMOVED AND SALVAGE FOR REINSTALL
D.11	(E) SECTION OF WALL TO BE REMOVED FOR INSTALLATION OF NEW DOOR AND FRAME - SEE FLOOR PLAN.
D.12	(E) CEILING PROTECT IN PLACE, PATCH AND REPAIR AS REQUIRED
D.13	(E) REMOVE TILE AND WALL BOARD BACK TO STUD TO RECEIVE NEW GYP.
D.14	(E) LIGHT FIXTURE TO BE RELOCATE - SEE FLOOR PLAN

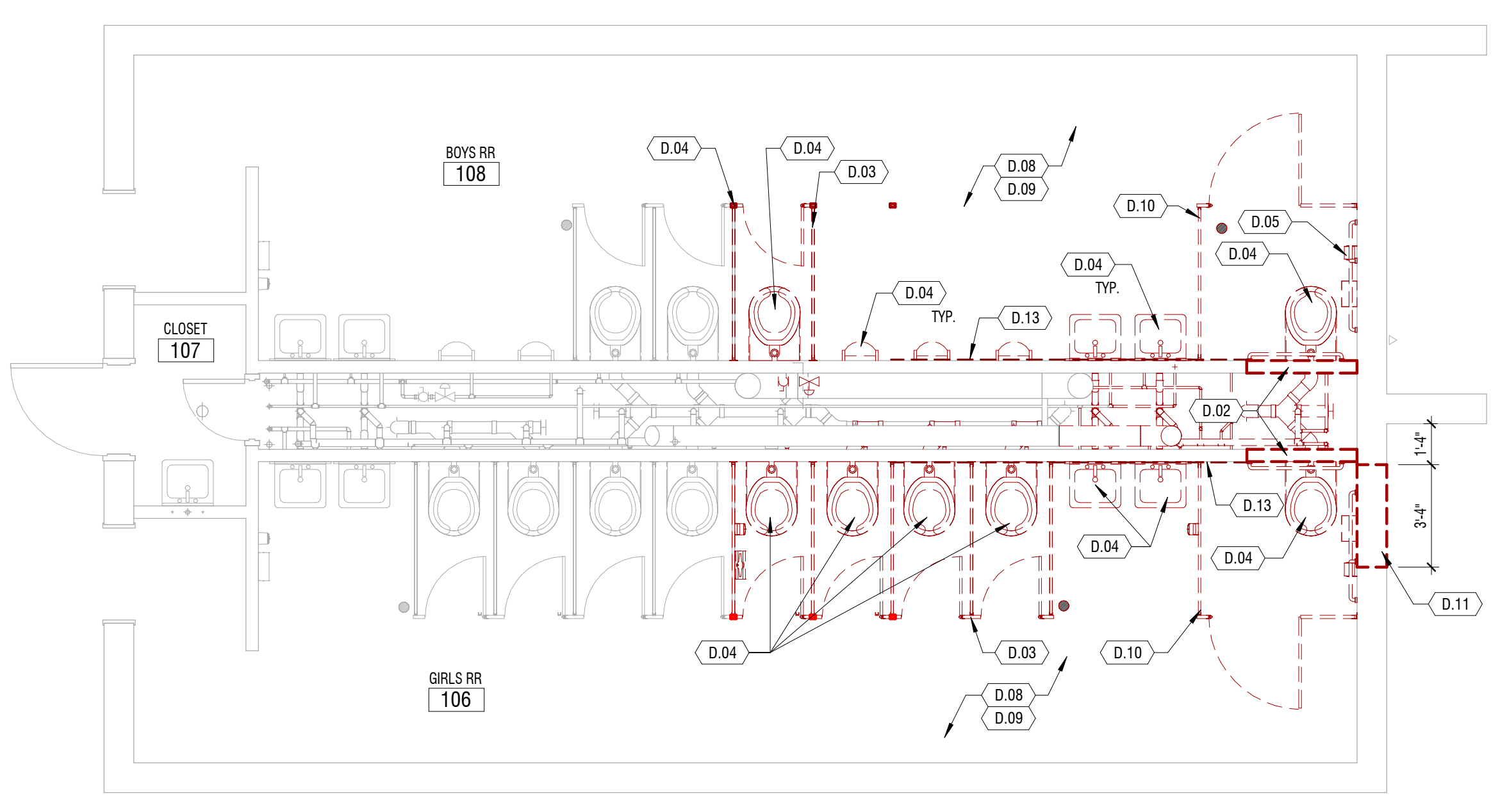
**LEGEND**

- EXISTING TO REMAIN
- TO BE DEMOLISHED
- TO BE SAWCUT AS REQUIRED IN PLUMBING DRAWINGS

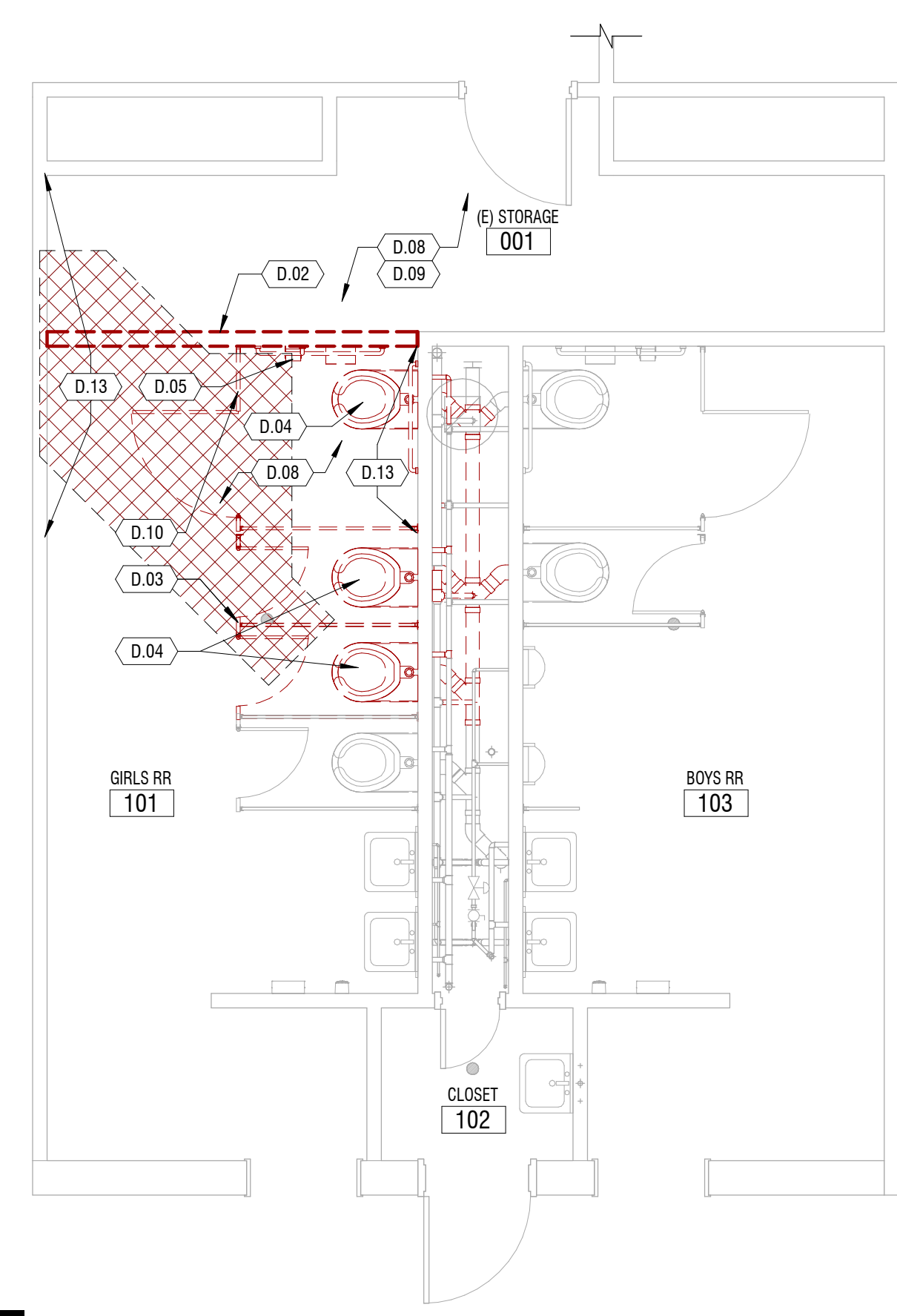


**C1** DEMOLITION - REFLECTED CEILING PLAN  
 1/4" = 1'-0"

**C3** DEMOLITION - REFLECTED CEILING PLAN  
 1/4" = 1'-0"



**A1** DEMOLITION - FLOOR PLAN  
 1/4" = 1'-0"



**A3** DEMOLITION - FLOOR PLAN  
 1/4" = 1'-0"

02/20/24 4:14:07 PM Autodesk Docs: 1124227\_CSD - Copperview Elementary Restrooms & Storage TI.dwg - Copperview Elementary Restrooms & Storage TI.dwg

CONSTRUCTION DOCUMENTS

MARK: \_\_\_\_\_ DATE: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_

PROJECT #: 124023  
 DRAWN BY: KY  
 CHECKED BY: CF  
 ISSUED: 06.28.2024







# FINISH SCHEDULE

## CARPET

**MARK: C1**  
 TYPE: CARPET TILE  
 MANUFACTURER: SHAW  
 COLLECTION: SEA TILE  
 SERIES: PLACES  
 COLOR: ADVENTURE  
 SIZE: 24X24  
 INSTALL: MATCH EXISTING  
 NOTES: VERIFY MATCHES EXISTING

## TILE

**MARK: T1**      **T2**  
 MANUFACTURER: DAL TILE      MATCH EXISTING FLOOR TILE  
 COLLECTION: COLOR WHEEL CLASSIC  
 SERIES: -  
 COLOR: 0190 WHITE, V.I.F.  
 SIZE: MATCH EXISTING  
 INSTALL: MATCH EXISTING  
 GROUT: MATCH EXISTING  
 NOTES: MATCH EXISTING BULLNOSE TILE BASE

**MARK: T3**  
 MANUFACTURER: DAL TILE  
 COLLECTION: COLOR WHEEL CLASSIC  
 SERIES: -  
 COLOR: 0190 WHITE, 0161 URBAN PUTTY, 0141 GARDEN SPOT, 0169 WATERFALL, V.I.F.  
 SIZE: MATCH EXISTING  
 INSTALL: PATTERN TO MATCH EXISTING  
 GROUT: MATCH EXISTING  
 NOTES: MATCH EXISTING BULLNOSE TILE BASE

## PAINT

**MARK: P1**      **P2**  
 MANUFACTURER: SHERWIN WILLIAMS PROMAR  
 COLOR: MATCH EXISTING  
 SHEEN: SEMI-GLOSS  
 NOTES: OR EQUIVALENT

## TRANSITIONS

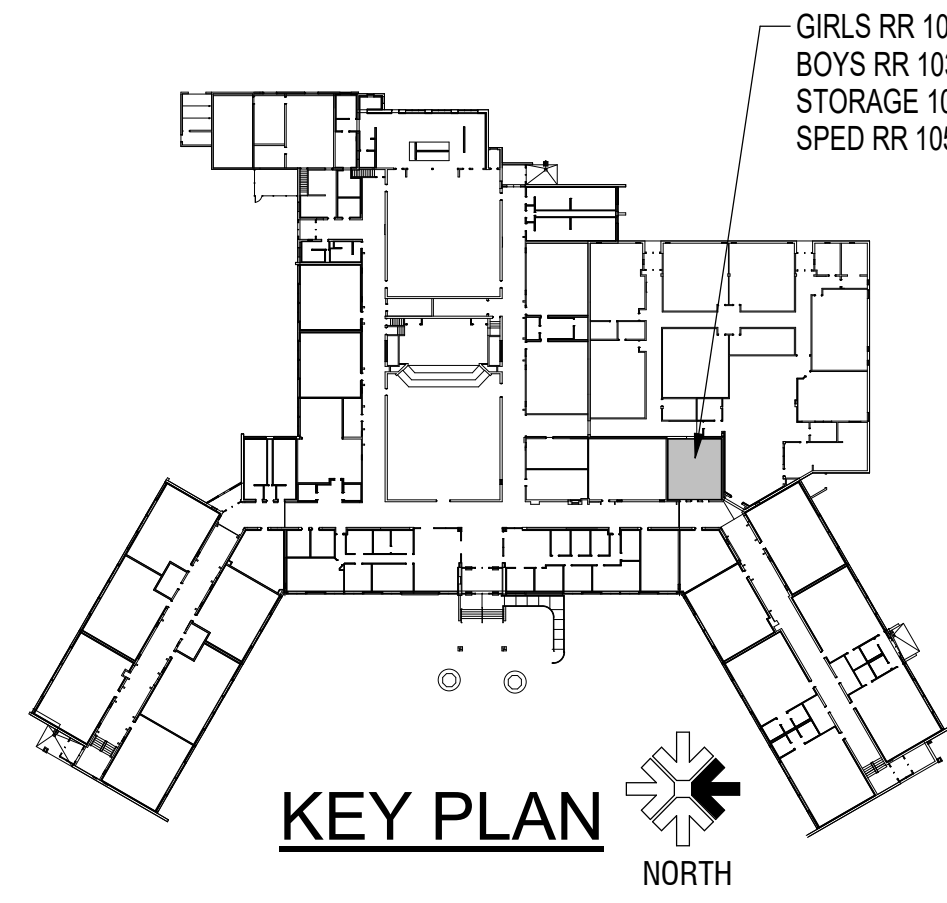
**MARK: TR1**  
 TYPE: -  
 MANUFACTURER: -  
 COLOR: -  
 MODEL: -  
 LOCATION: -  
 NOTES: -

## BASE

**MARK: B1**      **B2**  
 TYPE: RUBBER BASE      RUBBER BASE  
 MANUFACTURER: -  
 COLOR: -  
 SIZE: -  
 STYLE: -  
 NOTES: MATCH EXISTING      1" LONG TOE

## CEILING

**MARK: CL1**      **CL2**  
 TYPE: ACT      ACT  
 MANUFACTURER: -      ARMSTRONG  
 MODEL: -      OPTIMA  
 SIZE: 1X1'      2X4'  
 COLOR: -  
 NOTES: VERIFY MATCHES EXISTING      VERIFY MATCHES EXISTING



## WALL TYPES

MARK	RATING/STC	PLAN VIEW	DESCRIPTION
S3A	NA		5/8" TYPE 'X' GYPSUM BOARD 3-5/8" METAL STUD FRAMING @ 16" O.C. 5/8" TYPE 'X' GYPSUM BOARD EXTEND 6" ABOVE CEILING U.N.O.
S3B	NA		5/8" TYPE 'X' GYPSUM BOARD 3-5/8" METAL STUD FRAMING @ 16" O.C. EXTEND 6" ABOVE CEILING U.N.O.
S3F	NA		TILE 5/8" TYPE 'X' GLASS MAT SHEATHING 3-5/8" METAL STUD FRAMING @ 16" O.C. SOUND BATT INSULATION 5/8" TYPE 'X' GLASS MAT SHEATHING TILE
S3E	NA		TILE 5/8" TYPE 'X' GLASS MAT SHEATHING 3-5/8" METAL STUD FRAMING @ 16" O.C. SOUND BATT INSULATION 5/8" TYPE 'X' GYPSUM BOARD
S2B	NA		TILE 5/8" TYPE 'X' GLASS MAT SHEATHING 1-1/2" METAL STUD FRAMING @ 16" O.C.
G	NA		GYPSUM BOARD
T	NA		TILE 5/8" TYPE 'X' GLASS MAT SHEATHING

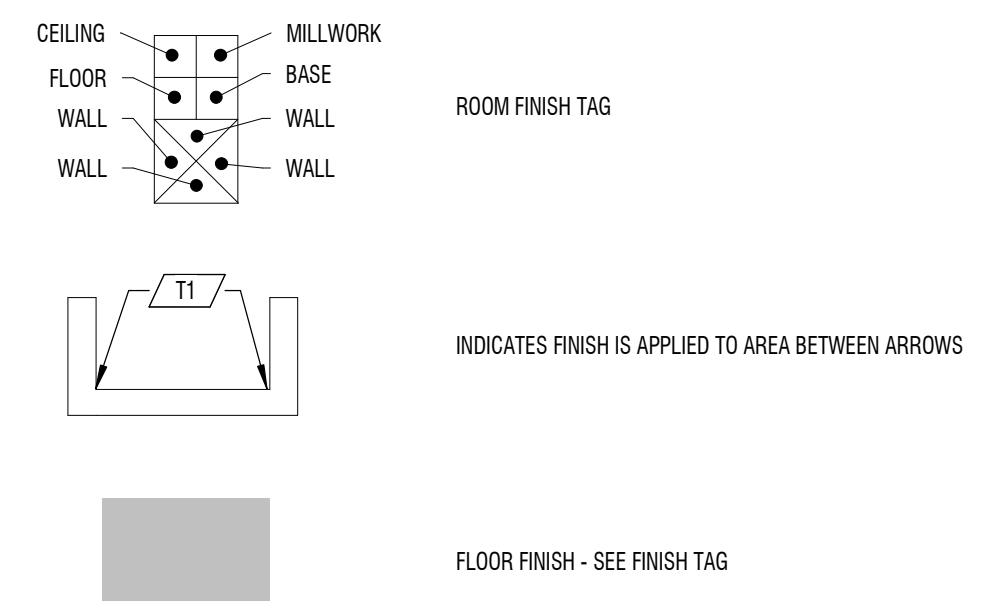
## FLOOR PLAN GENERAL NOTES

- KEYNOTES (#) THE FIRST TWO NUMBERS REPRESENT THE RELATED CSI MASTER FORMAT DIVISION. THE SECOND SET OF NUMBERS REPRESENTS AN IDENTIFYING MARK VALUE. ALL VALUES MAY BE USED OR OCCUR IN THE DOCUMENT SET.
- ADDITIONALLY, KEYNOTES RETAIN THEIR ASSIGNED VALUE UNIVERSALLY THROUGHOUT THE SET. THE KEYNOTES LISTED BELOW, REPRESENT THE KEYNOTES FOUND AND UTILIZED ON THIS SHEET AND EACH LIST WILL DIFFER RESPECTIVE TO ITS SHEET. THEREFORE, BASED ON ACTUAL KEYNOTES UTILIZED ON A GIVEN SHEET OF DRAWINGS, GAPS IN THE SEQUENCING WILL OCCUR.
- CONTRACTOR SHALL BE FAMILIARIZED WITH THE LAY-OUT OF STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. ANY QUESTIONS SHALL BE SUBMITTED VIA REQUEST FOR INFORMATION (RFI).
- MIN CLEARANCE REQUIRED ON LATCH SIDE OF DOORS SHALL CONFORM TO ADA REQUIREMENTS
- HINGE SIDE OF DOORS AT PERPENDICULAR WALLS TO HAVE 4" STUD SECTION U.N.O.
- ADA RESTROOMS MUST COMPLY WITH ADA WATER CLOSET MEASUREMENTS ON SHEET A-501
- DOOR OPENINGS ARE INDICATED WITH ANNOTATION SYMBOLS AND ARE FURTHER IDENTIFIED ON DOOR.
- PROVIDE CONTINUOUS WOOD BLOCKING OR METAL STRAPPING FOR ANY WALL MOUNTED OR SUPPORTED ITEMS. PROVIDE FIRE RATED BLOCKING FOR ANY FIRE RATED PARTITIONS.
- INDICATES INTERIOR ROOM ELEVATIONS ON SHEET REFERENCED.
- WALL TYPES SHOWN AS (WALL) ARE SHOWN ON SHEET A-101. FOR EXTERIOR WALLS SEE BUILDING & WALL SECTIONS. FOR STANDARD STEEL STUD DETAILS SEE A-502 AND A-503.
- SLOPE ALL SETTING BEDS TO FLOOR DRAINS U.N.O.
- BLOCKING TO BE PROVIDED AT SHELVING, CASEWORK, RAILINGS, LIGHT FIXTURE, COUNTERTOP, ACCESSORIES AND MORE PER C1/A-502, TYP.
- ROOM FINISH TAGS FOR EACH ROOM REPRESENT TYPICAL FINISHES. SPECIFIC WALLS IN SELECTED AREAS MAY HAVE MULTIPLE FINISHES WHICH WILL BE INDICATED IN INTERIOR ELEVATIONS.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CASEWORK AND FINISH ASSEMBLIES
- FLOOR MATERIAL TRANSITIONS WILL OCCUR BELOW DOORS. U.N.O.
- FOR TYPICAL TRANSITION/FINISH DETAILS SEE SHEET A-501.
- TILED WALLS TO BE FULL HEIGHT OF WALL, U.N.O.
- POLISHED OR SEALED CONCRETE DOES EXTEND UNDER CASEWORK OR MILLWORK
- FLOOR COVERING DOES NOT EXTEND UNDER MILLWORK OR CASEWORK, U.N.O.
- INSTALL FLOOR TILE EXPANSION JOINTS AS PER TCNA.
- ALL EXPOSED STRUCTURE TO BE PAINTED U.N.O.

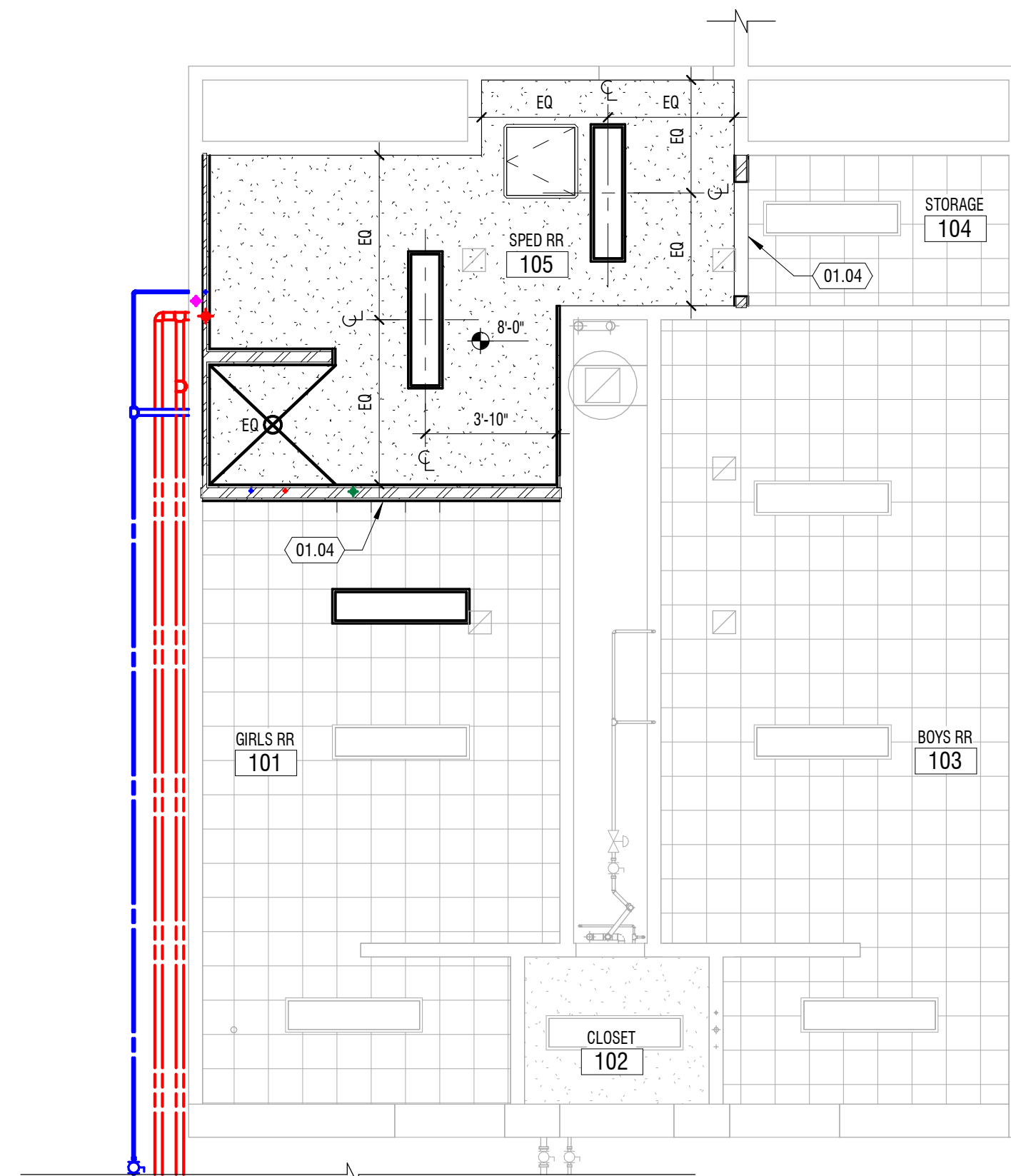
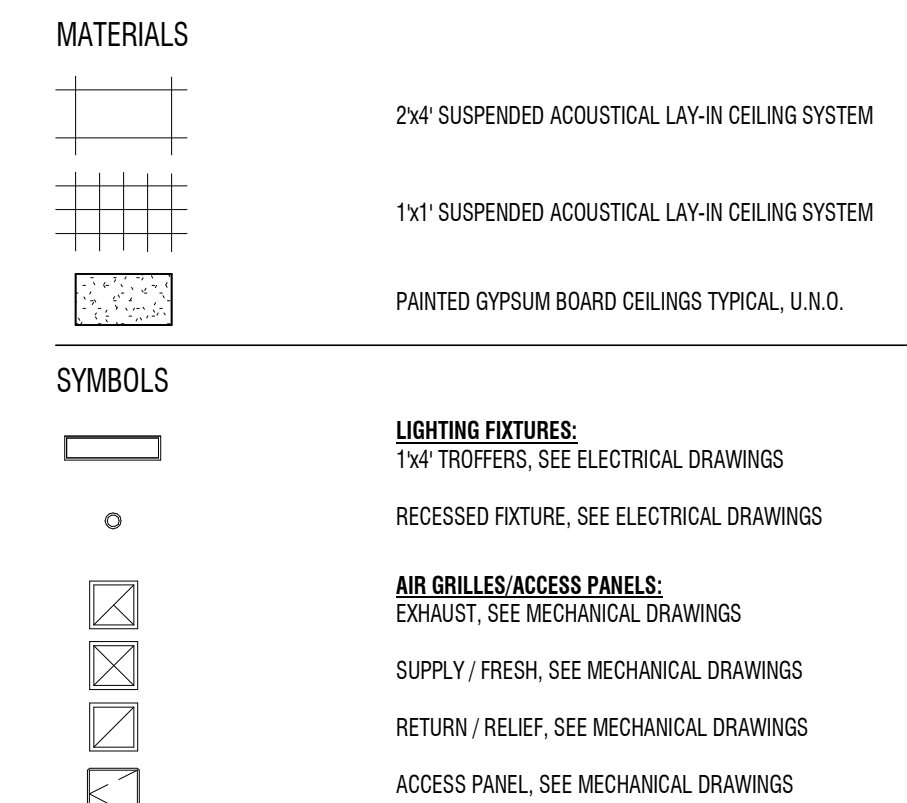
## RCP GENERAL NOTES

- CEILING HEIGHT IS 8.0. FINISHED CEILING HEIGHT ABOVE FINISHED FLOOR
- MEASUREMENTS SPECIFYING "EQ" = EQUAL LENGTH OR WIDTH TO FILL REMAINDER OF LENGTH REQUIRED
- LIGHT FIXTURES WITH NO DIMENSIONS ARE TO BE CENTERED ON ROOM UNLESS OTHERWISE NOTED
- CEILINGS WITH NO DIRECT MEASUREMENTS, ASSUME CEILING TO BE EQUALLY DISTANCED ON ALL SIDES OF ROOM
- FIXTURES IN OPEN TO STRUCTURE AREAS ARE DIMENSIONED FROM WALL OR CENTERLINE OF ROOM
- LIGHT FIXTURES WITH NO DIMENSIONS ARE TO BE CENTERED ON ROOM UNLESS OTHERWISE NOTED
- FIXTURES WITHIN A.C.T. TO BE CENTERED IN GRID UNLESS OTHERWISE NOTED
- FIXTURES ON GRID SHALL BE IN LINE WITH GRID CENTER ON CENTER UNLESS OTHERWISE NOTED
- FIRE SPRINKLER HEADS, MOTION DETECTORS, LIGHT SENSORS, ETC. ARE TO BE CENTERED IN THE PANEL.

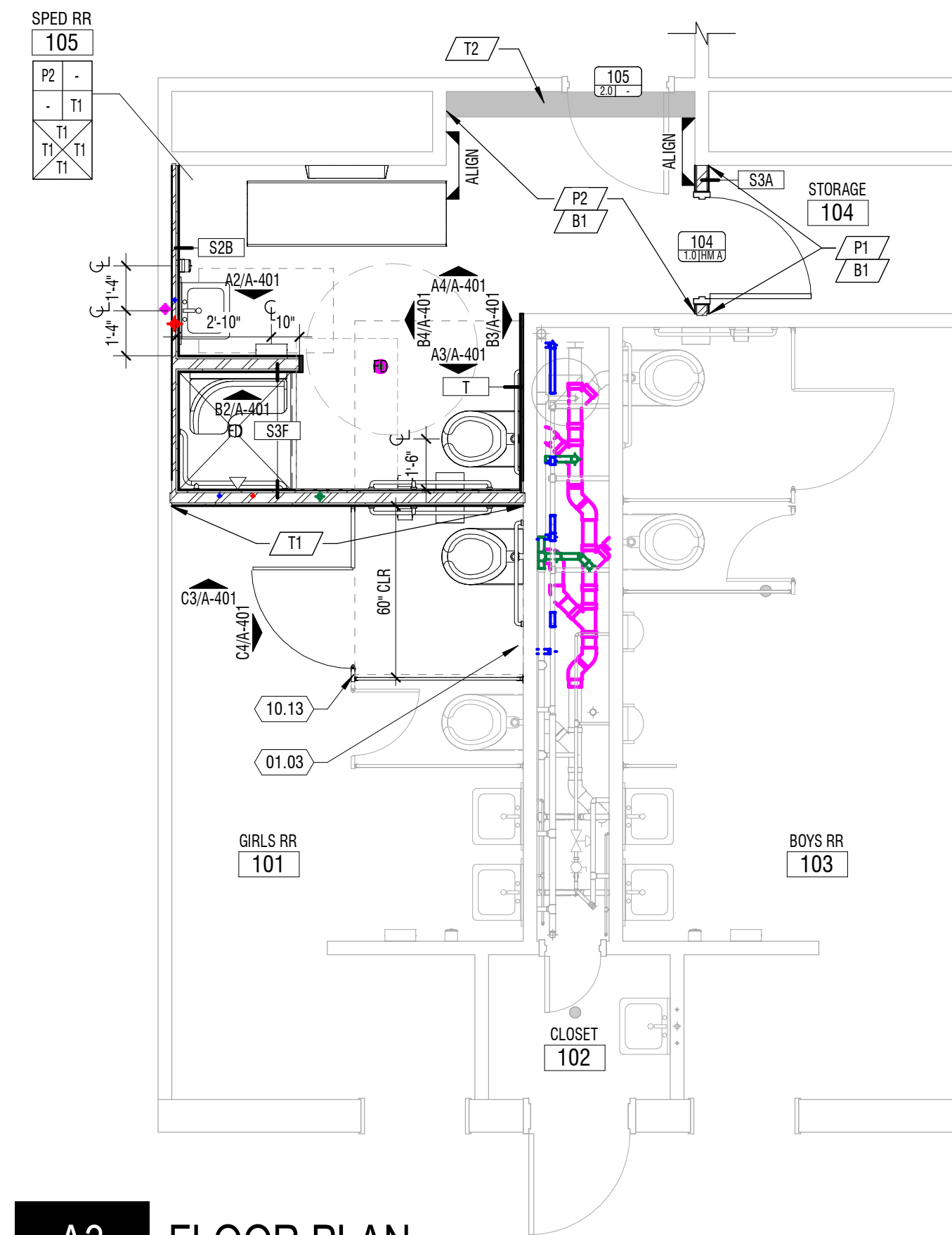
## FINISH LEGEND



## RCP LEGEND



**A2 REFLECTED CEILING PLAN**  
 1/4" = 1'-0"



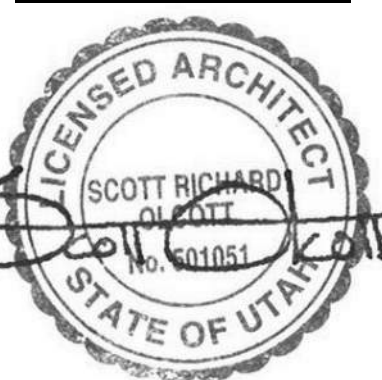
**A3 FLOOR PLAN**  
 1/4" = 1'-0"

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**design west architects**  
 LOGAN UT 84321  
 265 SOUTH 300 WEST  
 SALT LAKE CITY UT 84103

**COPPERVIEW ELEMENTARY  
 RESTROOM & STORAGE TI**  
 8449 MONROE ST. MIDVALE, UT 84047  
 CANYONS SCHOOL DISTRICT

MARK:	DATE:	PROJECT #:	124023
DESCRIPTION:		DRAWN BY:	KY
		CHECKED BY:	CF
		ISSUED:	06.28.2024



FLOOR PLANS &  
 FINISH SCHEDULE

**A-101**

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CONSTRUCTION DOCUMENTS





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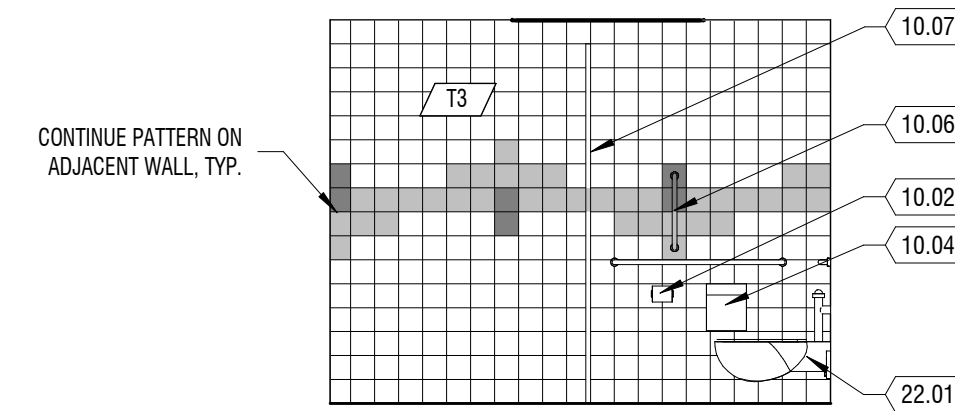
C

B

A

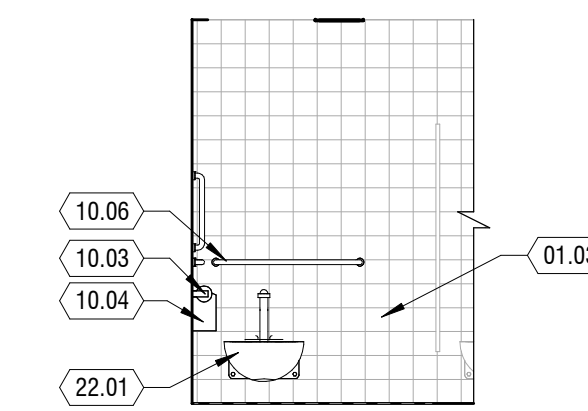
### KEYNOTES

#	DESCRIPTION
01.03	REPAIR TILE WALL/FLOOR WITH TILE TO MATCH EXISTING AT REMOVED TOILET/URINAL
10.01	SOAP DISPENSER - OWNER PROVIDED, CONTRACTOR INSTALLED - LOCATION BY OWNER - PROVIDE BLOCKING
10.02	PAPER TOWEL DISPENSER - OWNER PROVIDED, CONTRACTOR INSTALLED - PROVIDE BLOCKING
10.03	TOILET PAPER DISPENSER - OWNER PROVIDED, CONTRACTOR INSTALLED - LOCATION BY OWNER - PROVIDE BLOCKING
10.04	SANITARY NAPKIN DISPOSAL - OWNER PROVIDED, CONTRACTOR INSTALLED - LOCATION BY OWNER - PROVIDE BLOCKING
10.05	30"x30" FRAMED MIRROR W/ CONCEALED MOUNTING CLIPS
10.06	STAINLESS STEEL GRAB BAR - SEE B1/A-501 & A1/A-501 - PROVIDE BLOCKING TO SUPPORT REQUIRED IMPOSED LOADS
10.07	TOILET PARTITION - OWNER PROVIDED, CONTRACTOR INSTALLED - PROVIDE BLOCKING
10.08	TOWEL HOOK, INSTALL AT 4" O.A.F.F. - OWNER PROVIDED, CONTRACTOR INSTALLED
10.09	SHOWER CURTAIN ROD - PROVIDE BLOCKING
10.10	FOLDABLE WALL MOUNTED BENCH - SEE A3/A-501 - PROVIDE BLOCKING
10.11	ADA ADULT CHANGING TABLE - OWNER PROVIDED, CONTRACTOR INSTALLED - PROVIDE STRUCTURE/BLOCKING AS NEEDED
10.12	PROVIDE PIPE INSULATION AT EXPOSED PIPING
22.01	ADA WALL MOUNTED TOILET - SEE PLUMBING DRAWINGS
22.02	ACCESSIBLE SHOWER HANDSET W/ GRAB BAR - SEE PLUMBING DRAWINGS
22.03	WALL HUNG SINK AND FAUCET - SEE PLUMBING DRAWINGS



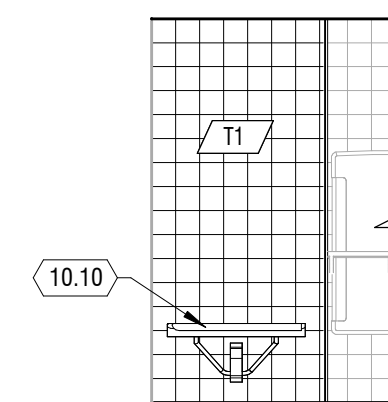
**C3** (E) RESTROOM ELEVATION

1/4" = 1'-0"



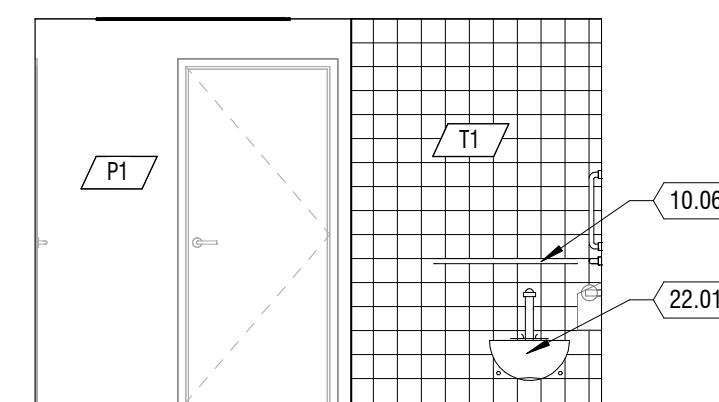
**C4** (E) RESTROOM ELEVATION

1/4" = 1'-0"



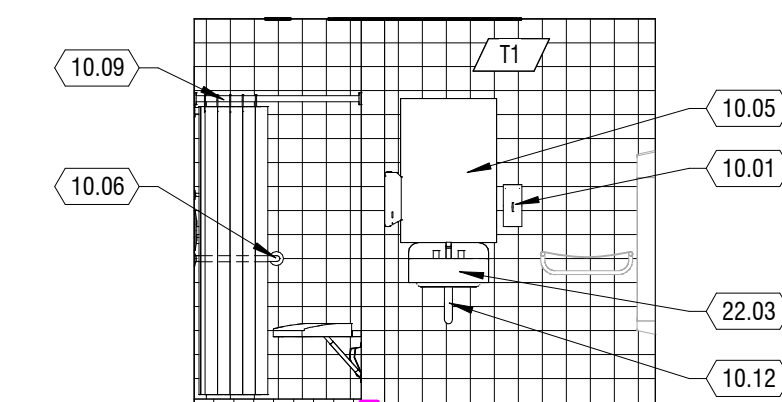
**B2** SPED RESTROOM ELEVATION

1/4" = 1'-0"



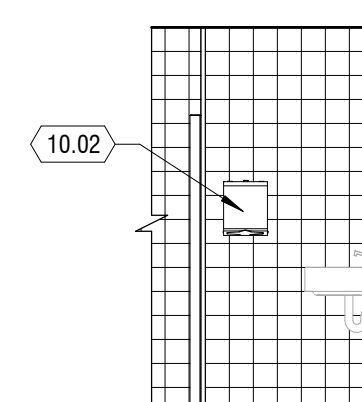
**B3** SPED RESTROOM ELEVATION

1/4" = 1'-0"



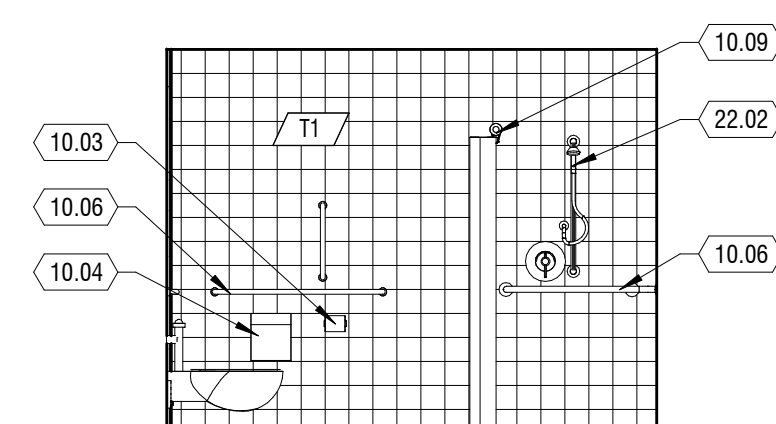
**B4** SPED RESTROOM ELEVATION

1/4" = 1'-0"



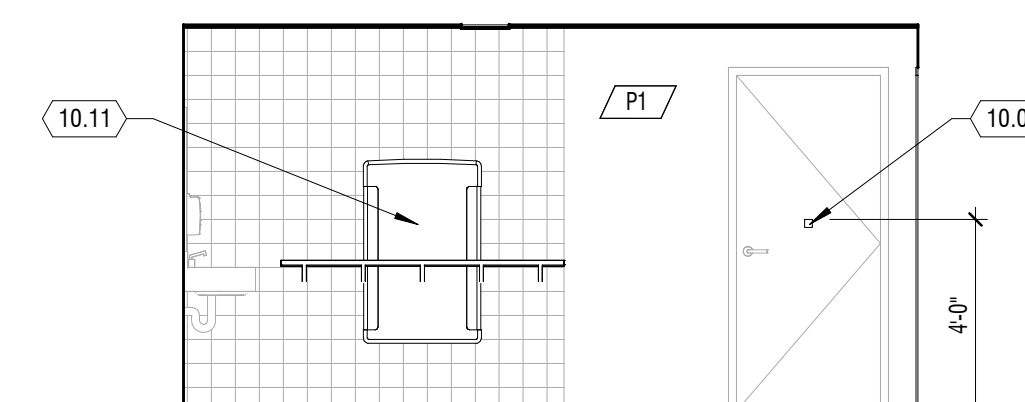
**A2** SPED RESTROOM ELEVATION

1/4" = 1'-0"



**A3** SPED RESTROOM ELEVATION

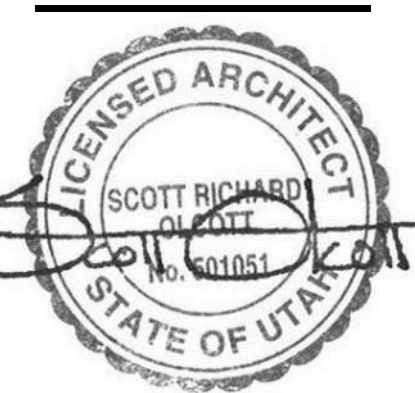
1/4" = 1'-0"



**A4** SPED RESTROOM ELEVATION

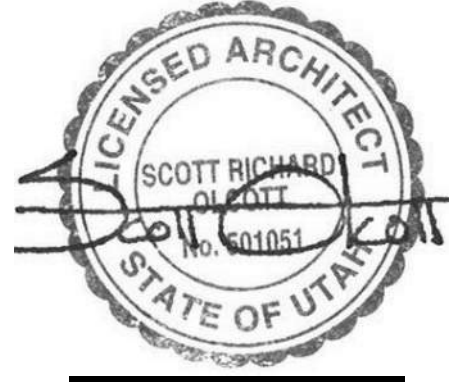
1/4" = 1'-0"

MARK	DESCRIPTION
DATE	
PROJECT #:	124023
DRAWN BY:	KY
CHECKED BY:	CF
ISSUED:	06.28.2024





MARKS	DESCRIPTION
DATE	
PROJECT #:	124023
DRAWN BY:	KY
CHECKED BY:	CF
ISSUED:	06.28.2024



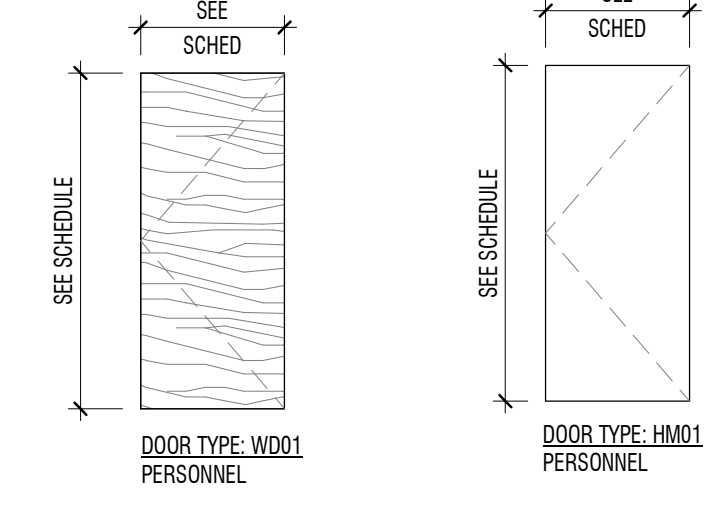
GENERAL NOTES

1. PROVIDE SEALANT AT JOINTS AT DISSIMILAR MATERIAL CONNECTIONS, ISOLATE DISSIMILAR METALS.
2. ALL DIMENSIONS FOR DOOR AND WINDOW OPENINGS TO BE FIELD VERIFIED PRIOR TO MANUFACTURING AND INSTALLATION.
3. UNLESS NOTED OTHERWISE, WHERE OCCURS ALL WINDOWS AND TRANSOMS THAT OCCUR IN RATED CORRIDOR WALL TO BE RATED 45 MIN.
4. PRE-PAINT ALL FRAMES PRIOR TO INSTALLATION.
5. BRAILLE SIGNAGE REQUIRED ON STRIKE SIDE OF FRAME.

SCHEDULE NOTES

- IF SCHEDULE FIELD SHOWS A HYPHEN (-) OR IS BLANK, THERE ARE NO ITEMS APPLICABLE OR IS DETERMINED BY MANUFACTURER.
- SWING LINES SHOWN BELOW ARE REPRESENTATIONAL AND DO NOT INDICATE ACTUAL SWING. SEE PLANS FOR INDIVIDUAL SWINGS.

1. LEAF SIZING: SEE SCHEDULE
2. DOOR TYPES:



3. CONSTRUCTION:

- GL GLASS
- AL ALUMINIUM
- HMI HOLLOW METAL, INSULATED
- HM HOLLOW METAL
- SC SOLID CORE

4. FINISH: MATCH EXISTING

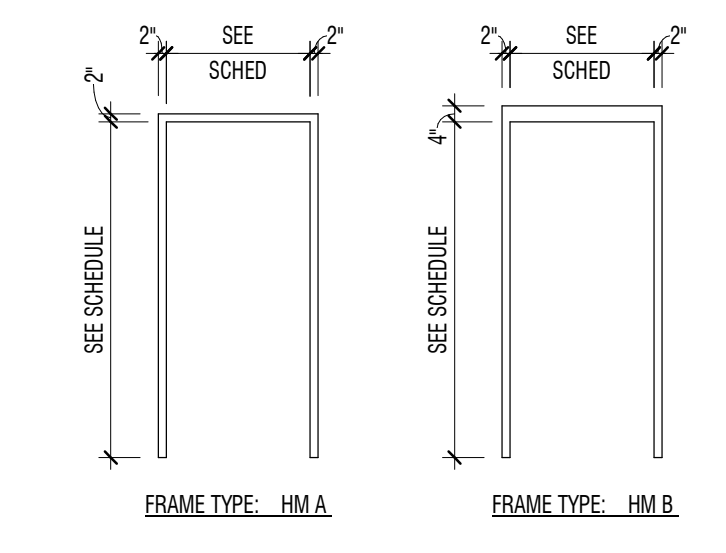
5. GLAZING: (DOOR AND WINDOW)

- SG SAFETY GLASS (TEMPERED OR LAMINATED)
- SGI SAFETY GLASS INSULATED, LOW E
- CG CLEAR FLOAT GLASS
- CGI CLEAR FLOAT GLASS INSULATED - LOW E
- SP SPANDREL PANEL

6. RATING: 20, 45, 60 AND ETC. INDICATES FIRE RATING

NOTE: ALL FIRE RATED DOORS SHALL BE AUTOMATIC CLOSING OR SELF-CLOSING AS PROVIDED IN THE IBC. IN ADDITION SEE THE IBC FOR SPECIAL PROVISIONS RELATING TO DOORS.

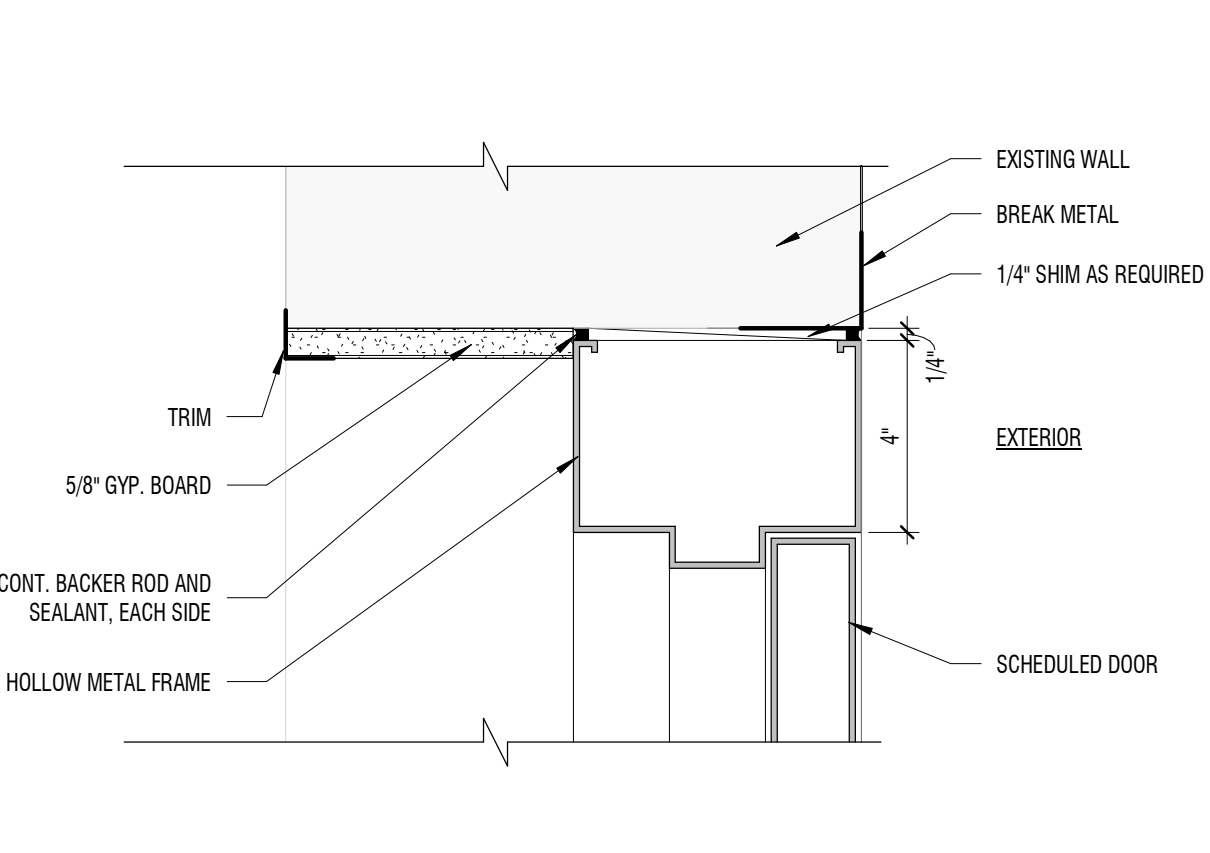
7. FRAME TYPE: (NUMBER(S) INDICATE(S) FRAME TYPE(S) SHOWN)



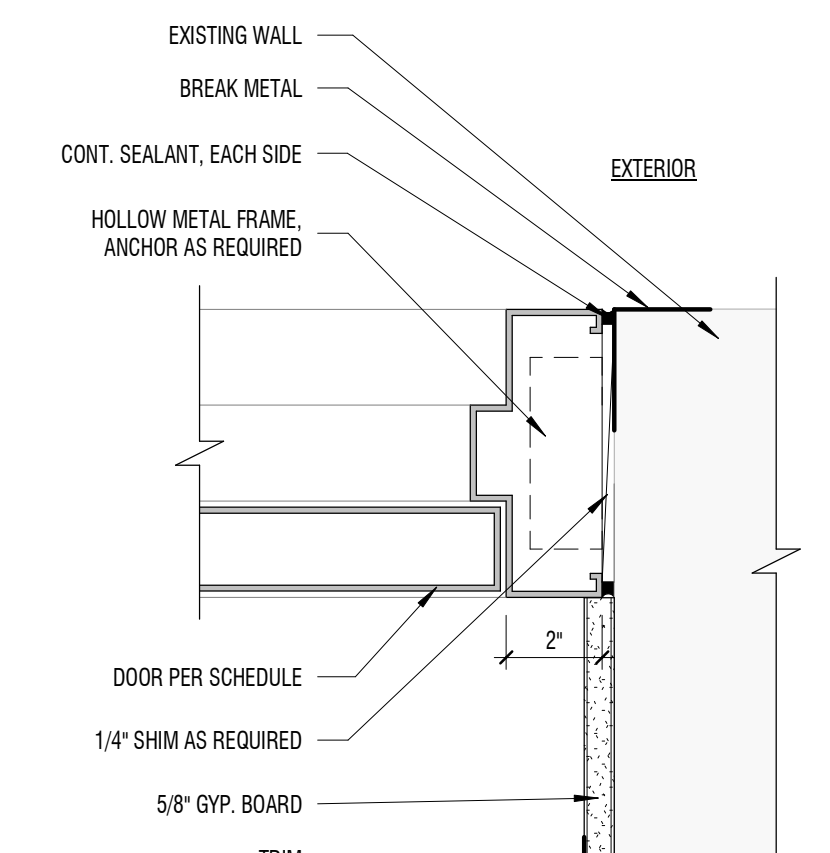
8. DETAILS: (REFER TO SHEETS INDICATED FOR DOOR AND WINDOW DETAILS)
9. HARDWARE: (GROUP #. SEE SPECIFICATIONS FOR HARDWARE GROUPS)

DOOR SCHEDULE

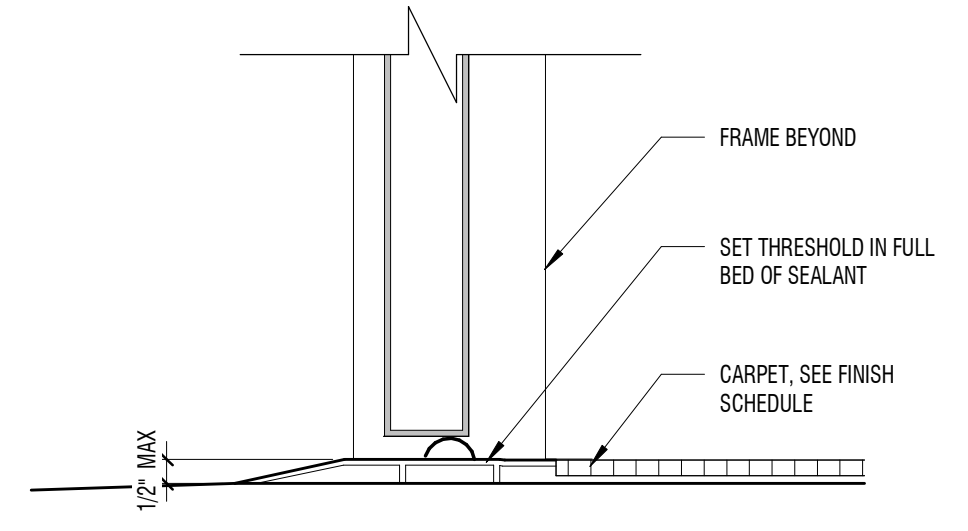
MARK	LEAF SIZING (1)			DOOR TYPE (2)	FRAME TYPE (7)	DETAILS (8)			HARDWARE (9)
	W	H	D			HEAD	JAMB	SILL	
104	3'-0"	7'-0"	1 3/4"	WD01	HM A	C4/A-501	C3/A-501	B4/A-501	1.0
105	3'-0"	7'-0"	1 3/4"	EXISTING	EXISTING	-	-	-	2.0
109	3'-0"	7'-0"	1 3/4"	HM01	HM B	D1/A-501	D2/A-501	D3/A-501	3.0



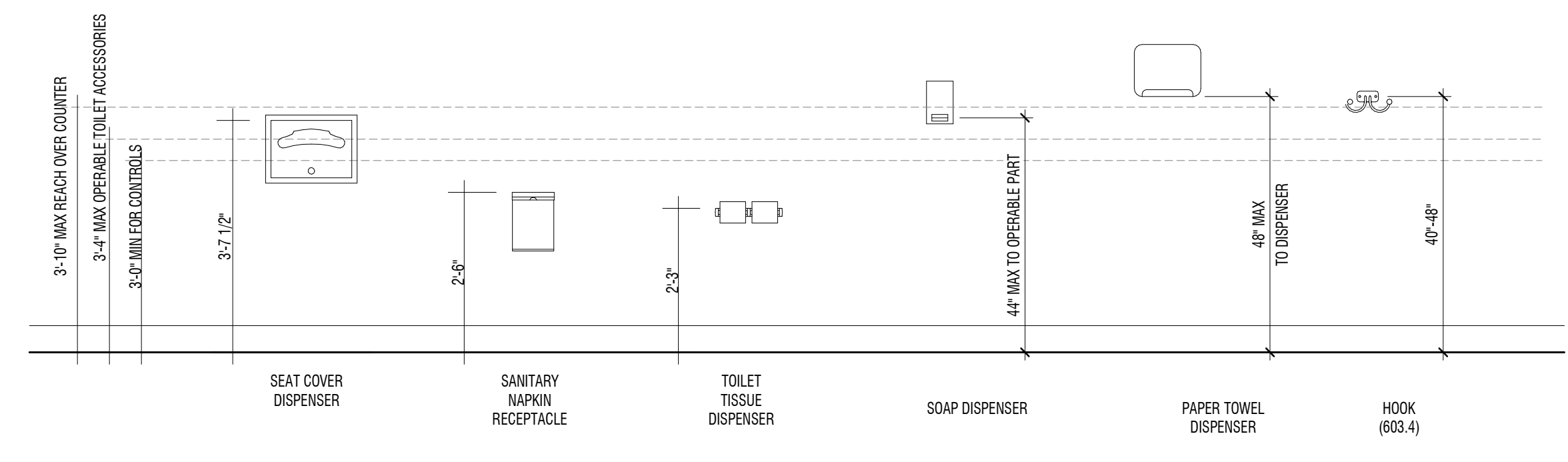
**D1** EXTERIOR DOOR HEAD DETAIL  
 3" = 1'-0"



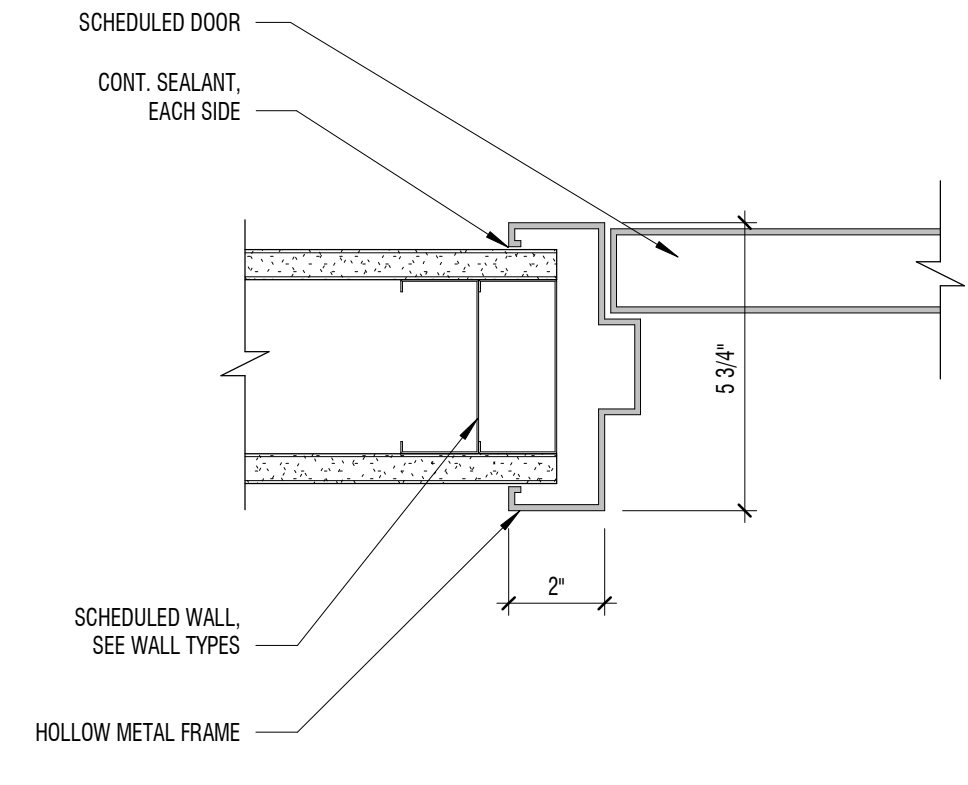
**D2** EXTERIOR DOOR JAMB DETAIL  
 3" = 1'-0"



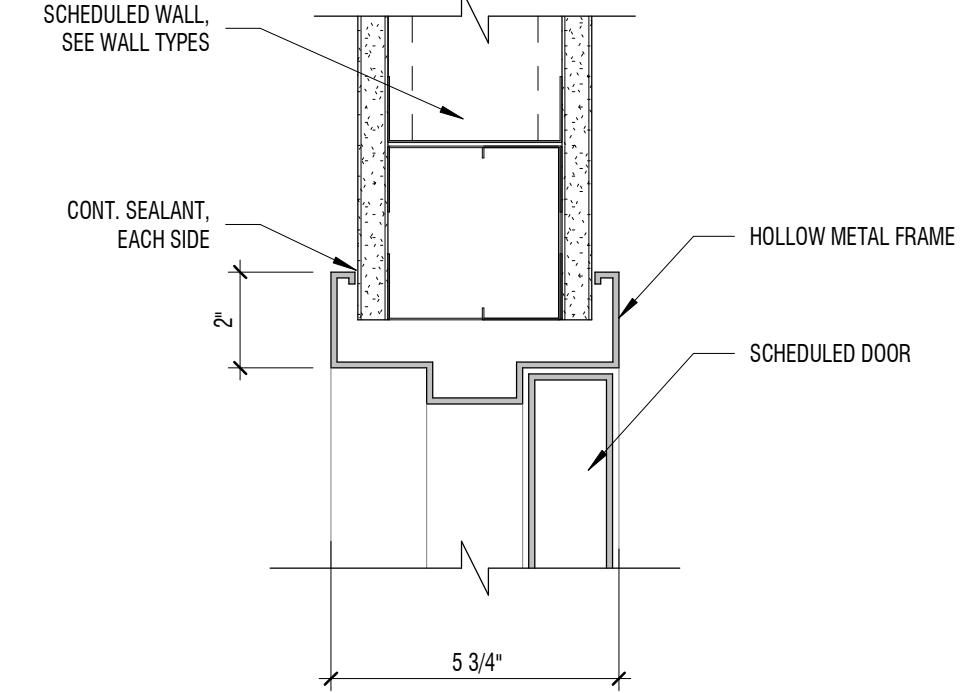
**D3** EXTERIOR THRESHOLD DETAIL  
 3" = 1'-0"



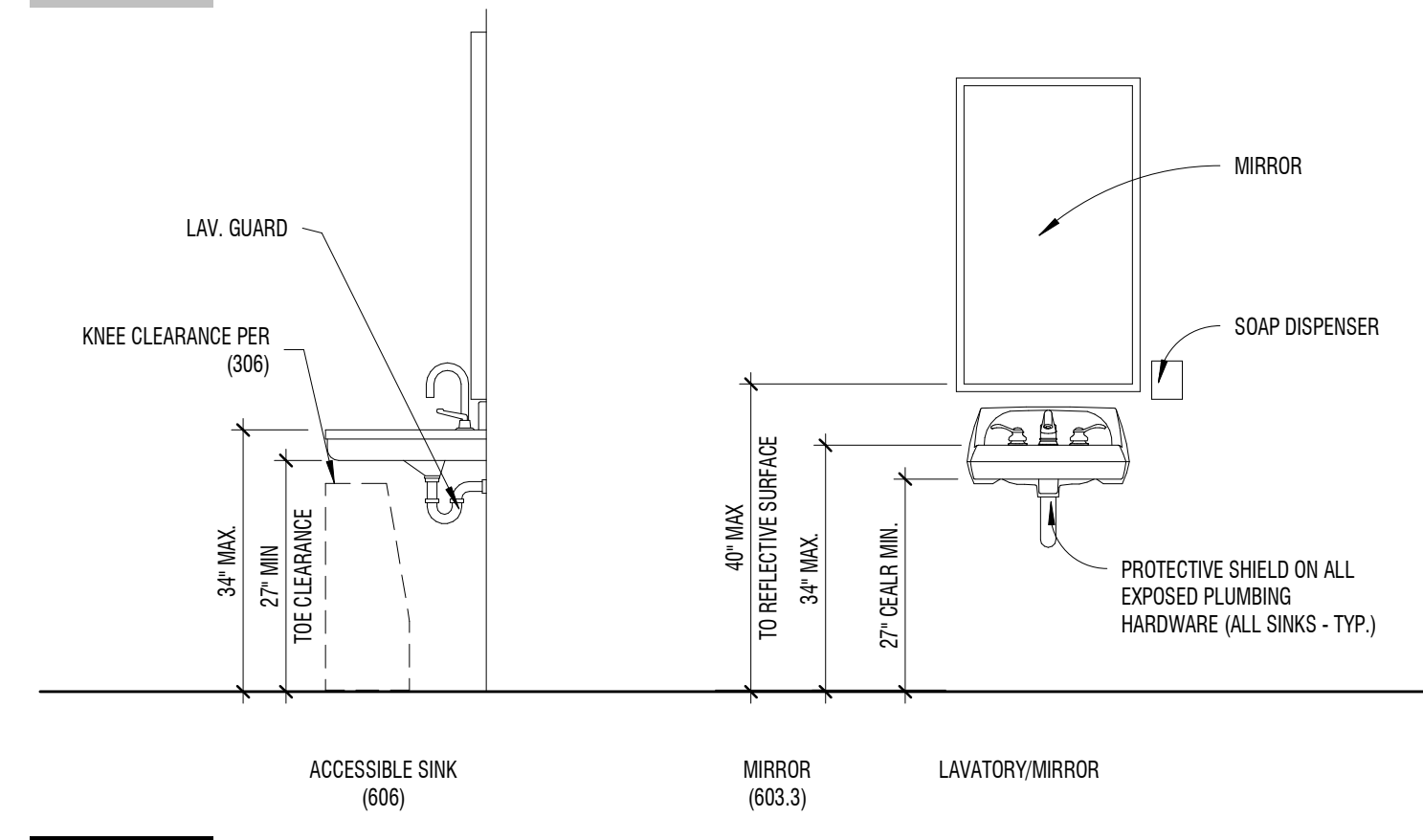
**C1** ADA RESTROOM ACCESSORIES MOUNTING HEIGHTS  
 1/2" = 1'-0"



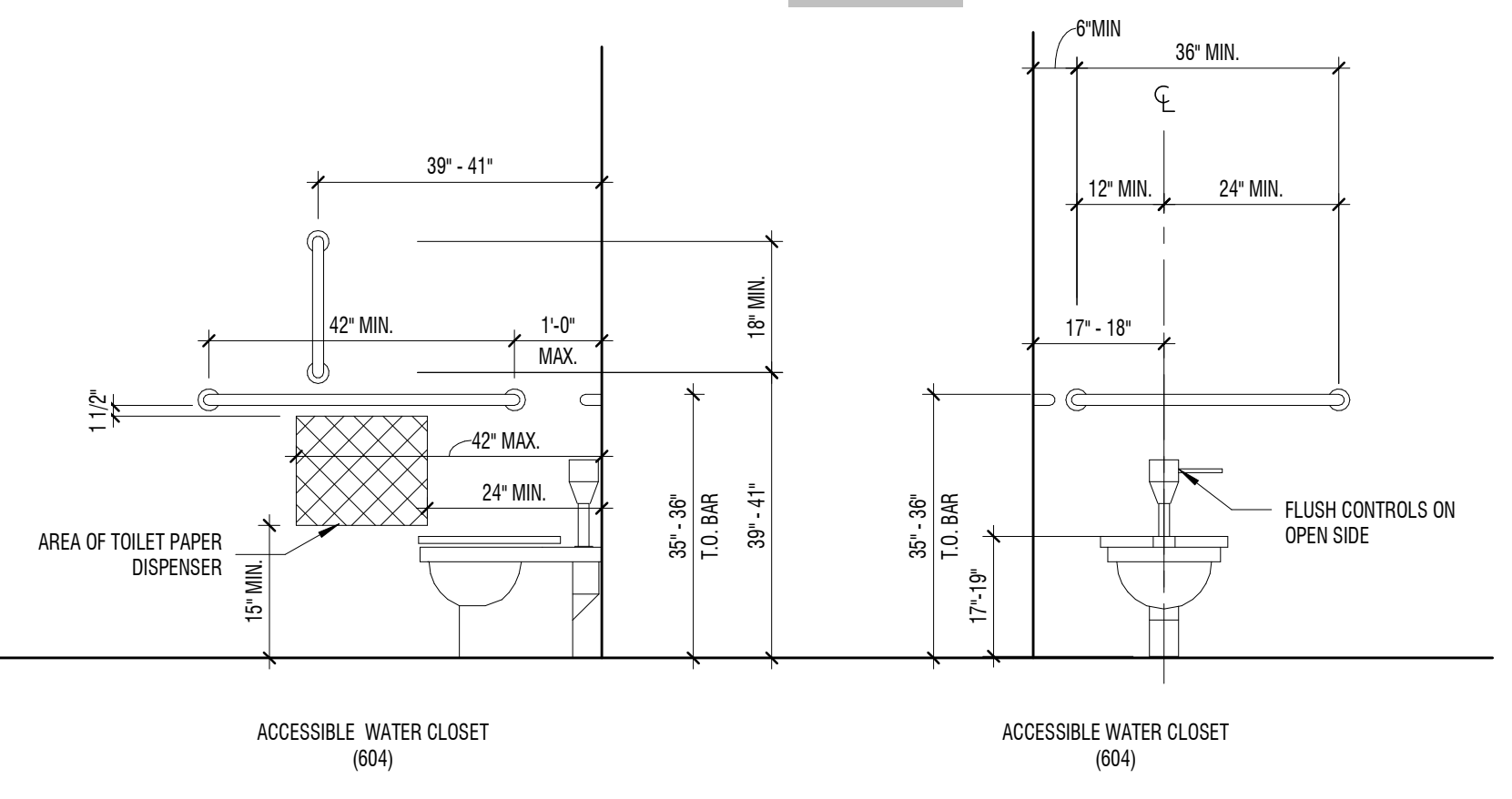
**C3** INTERIOR DOOR JAMB DETAIL  
 3" = 1'-0"



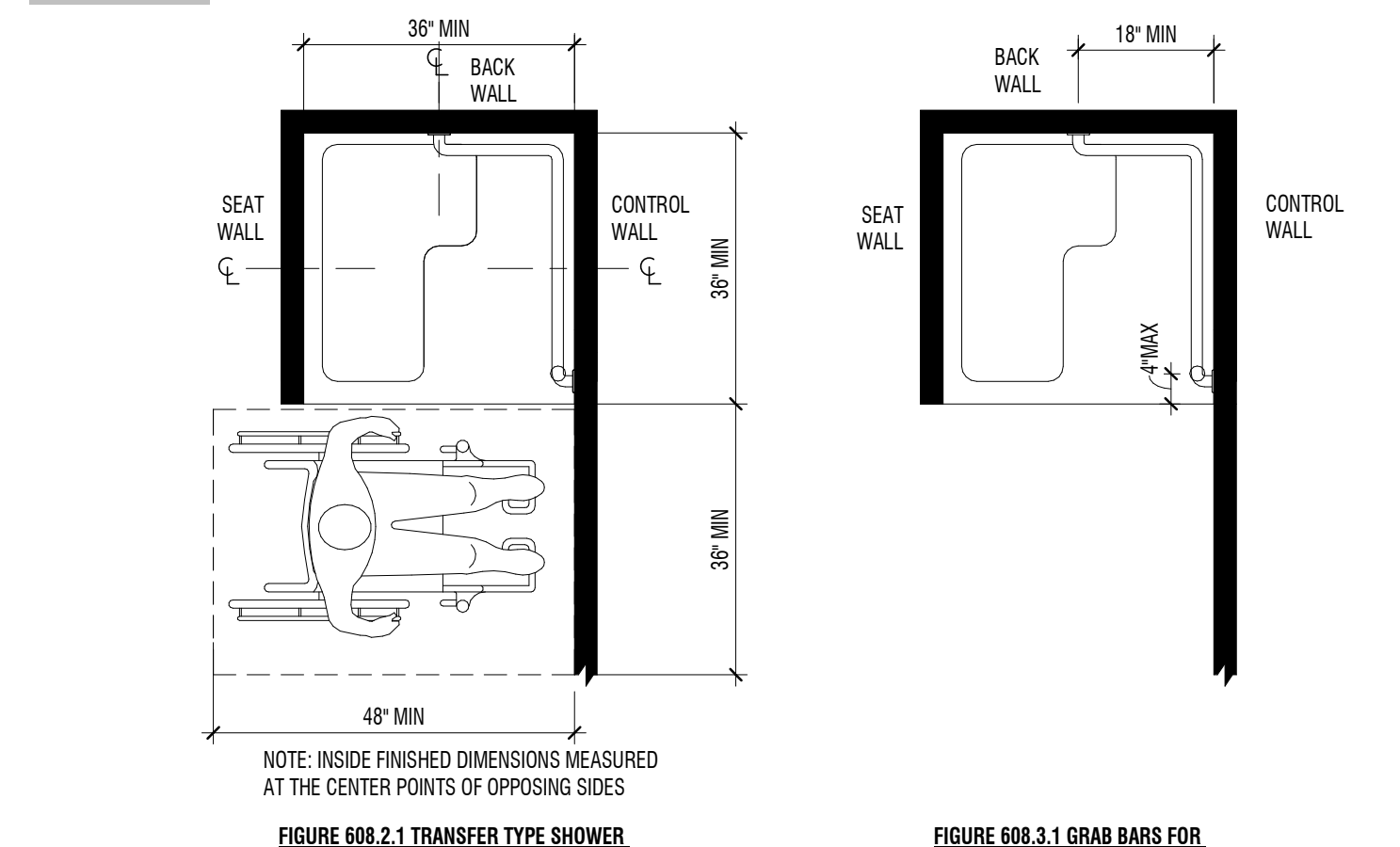
**C4** INTERIOR DOOR HEAD DETAIL  
 3" = 1'-0"



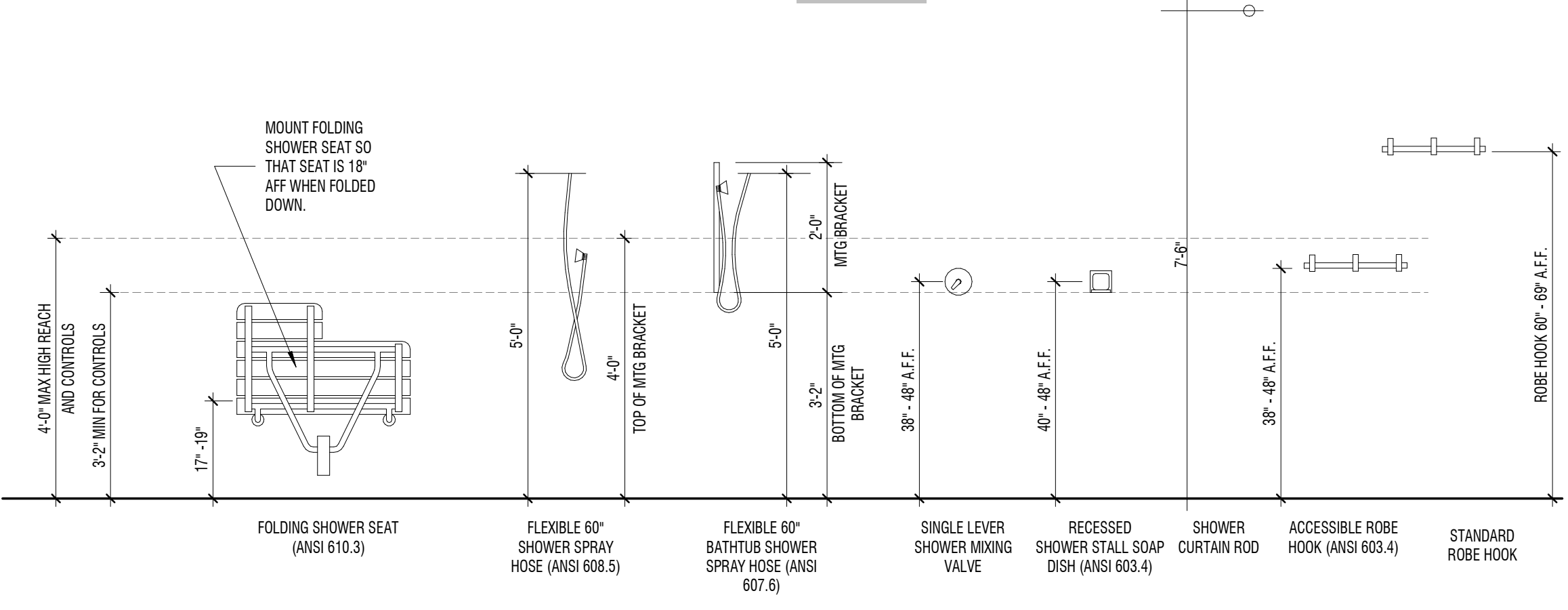
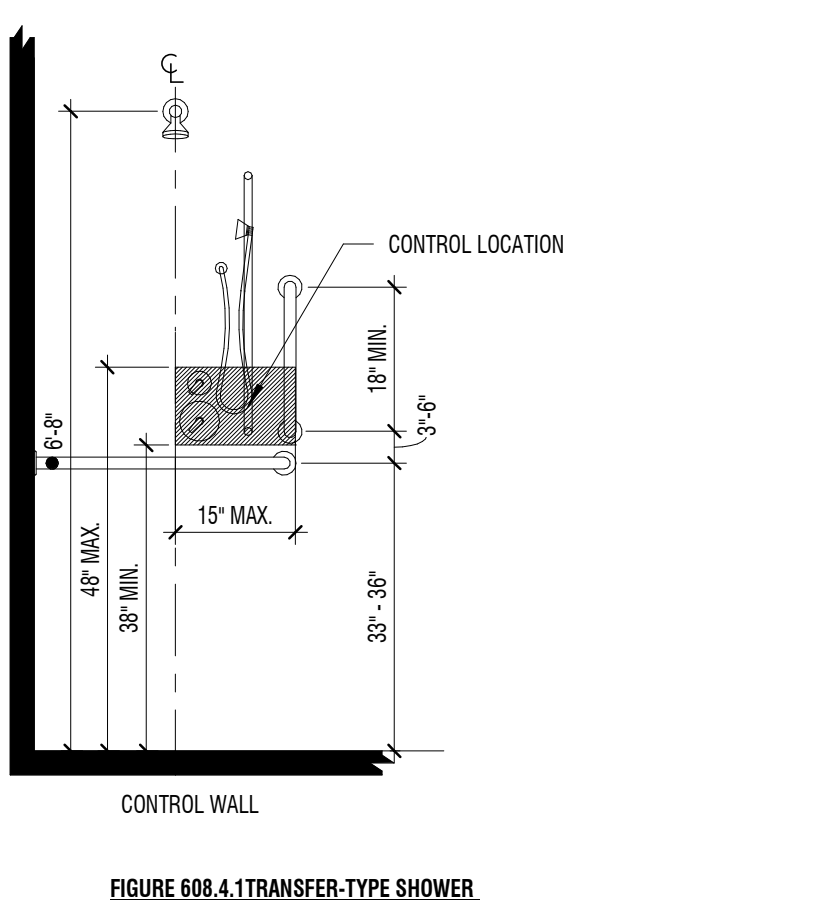
**B1** ADA RESTROOM FIXTURES  
 1/2" = 1'-0"



**B4** INTERIOR THRESHOLD DETAIL  
 3" = 1'-0"



**A1** ADA TRANSFER SHOWER  
 1/2" = 1'-0"

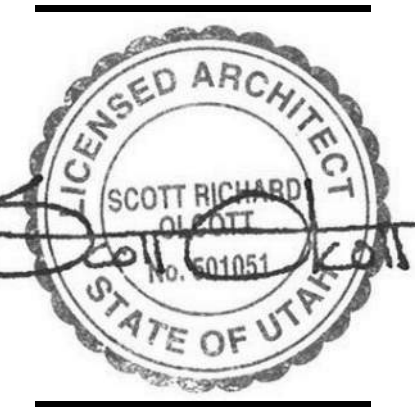


**A3** ADA SHOWER FIXTURES  
 1/2" = 1'-0"

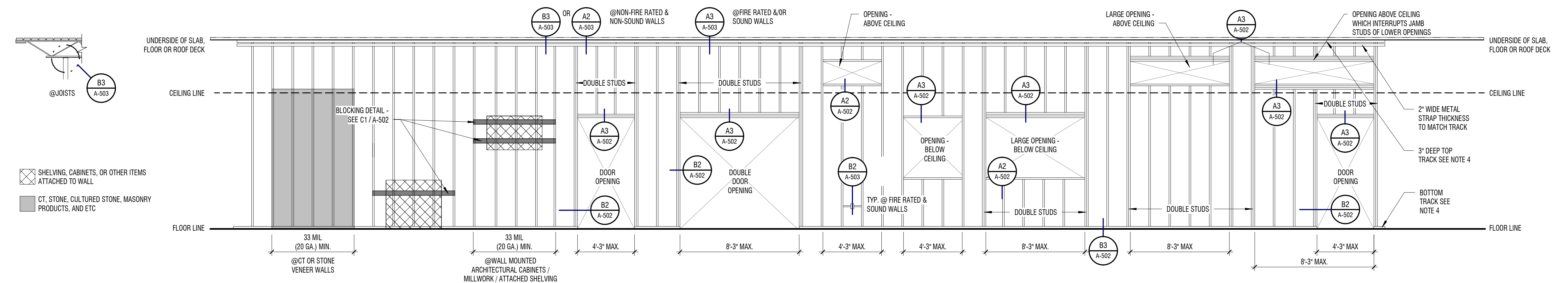
06/20/24 14:14:33 PM Autodesk Docs: 1124023 - CSD - Copperview Elementary Restroom & Storage TI.rvt



DESCRIPTION:	
DATE:	
MARK:	
PROJECT #:	124023
DRAWN BY:	KY
CHECKED BY:	CF
ISSUED:	06.28.2024

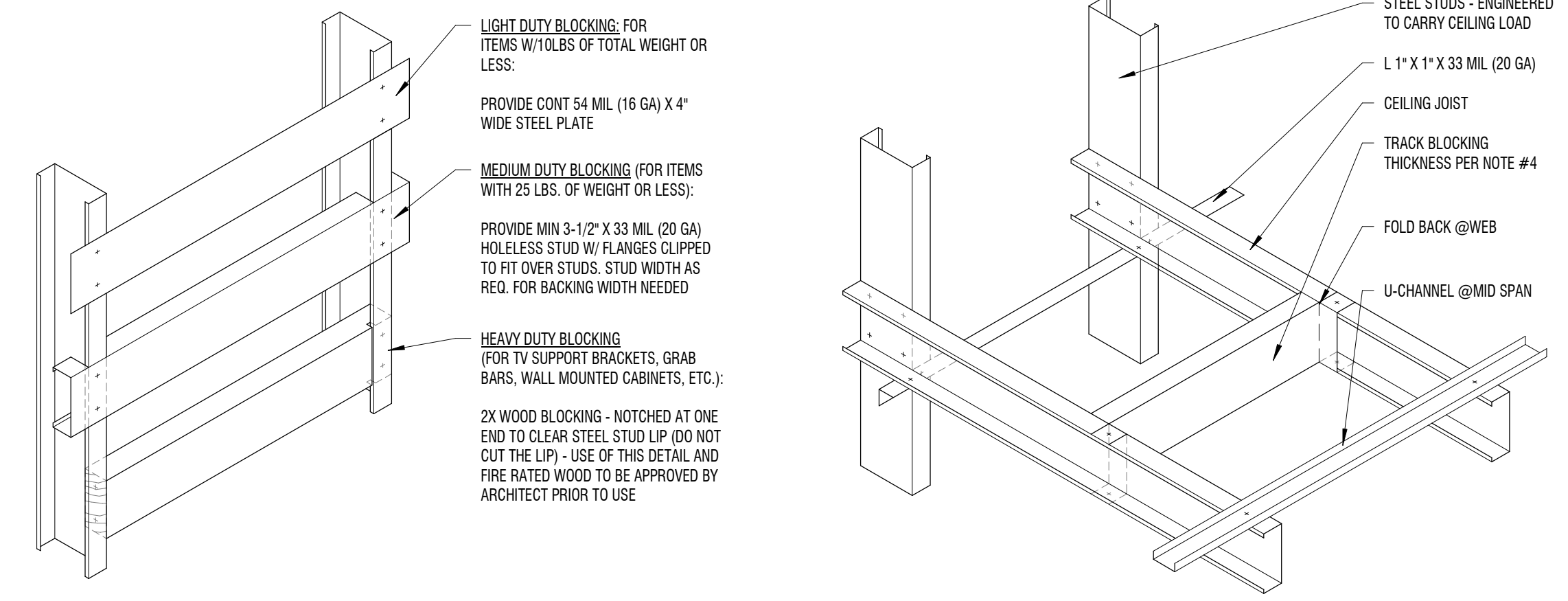


NOTE: STONE SHOULD NOT BE ATTACHED DIRECTLY TO SHAFT WALLS. PROVIDE ADDITIONAL FURRING FOR STONE BACK-UP.  
 AT STONE WALLS, WHERE STONE EXCEEDS 10'-0" IN HEIGHT, OR IF THE SELECTED STONE IS GRAVITY SUPPORTED BY THE STUDS, THEY SHOULD BE ENGINEERED.



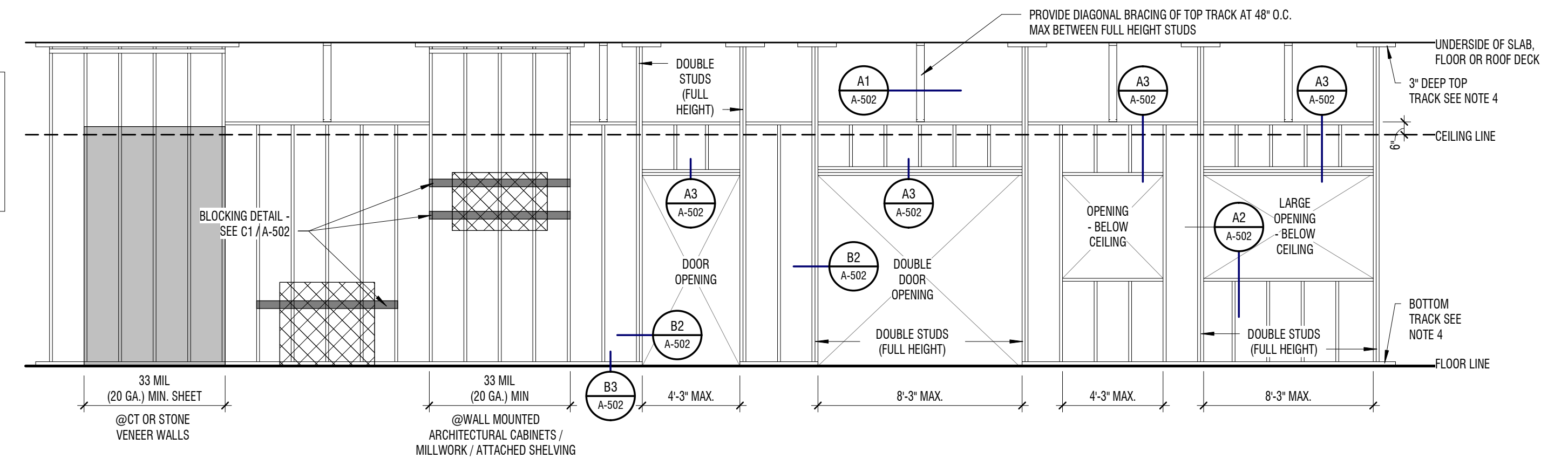
**D1 STEEL STUDS TO B.O. STRUCTURE**

1/4" = 1'-0" TYPICAL



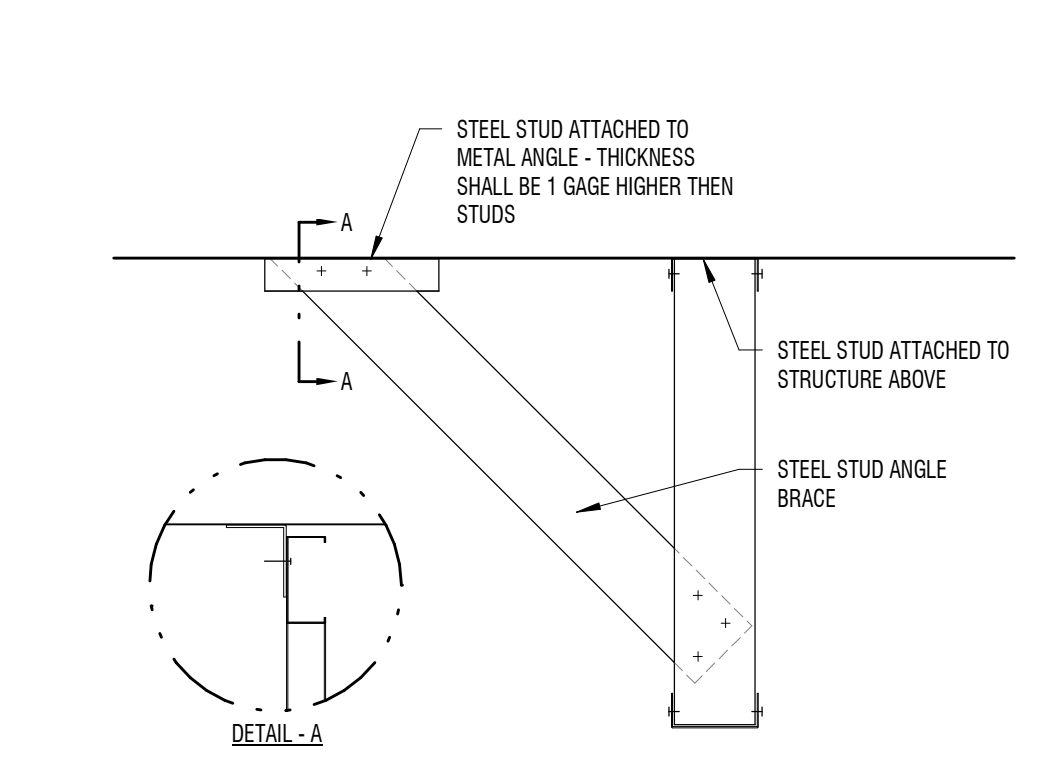
NOTE: STONE SHOULD NOT BE ATTACHED DIRECTLY TO SHAFT WALLS. PROVIDE ADDITIONAL FURRING FOR STONE BACK-UP.  
 AT STONE WALLS, WHERE STONE EXCEEDS 10'-0" IN HEIGHT, OR IF THE SELECTED STONE IS GRAVITY SUPPORTED BY THE STUDS, THEY SHOULD BE ENGINEERED.

SHELVING, CABINETS, OR OTHER ITEMS ATTACHED TO WALL  
 CT, STONE, CULTURED STONE, MASONRY PRODUCTS, AND ETC



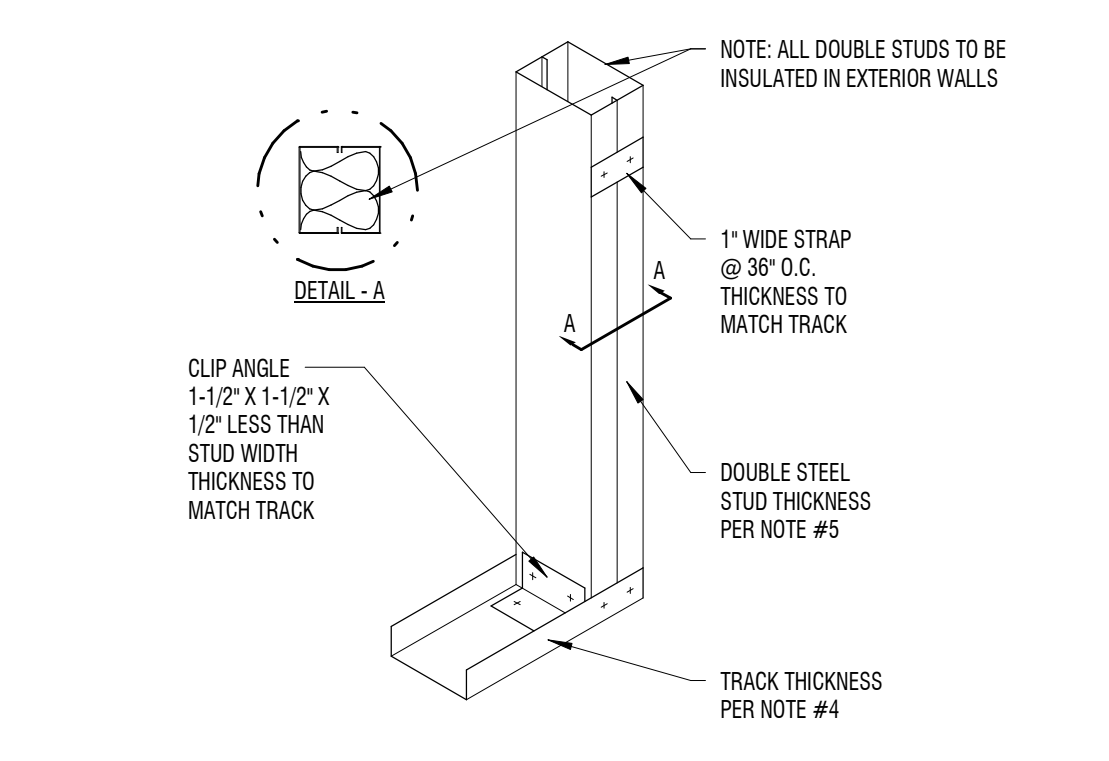
**C1 WALL BLOCKING**

1 1/2" = 1'-0" TYPICAL UNO



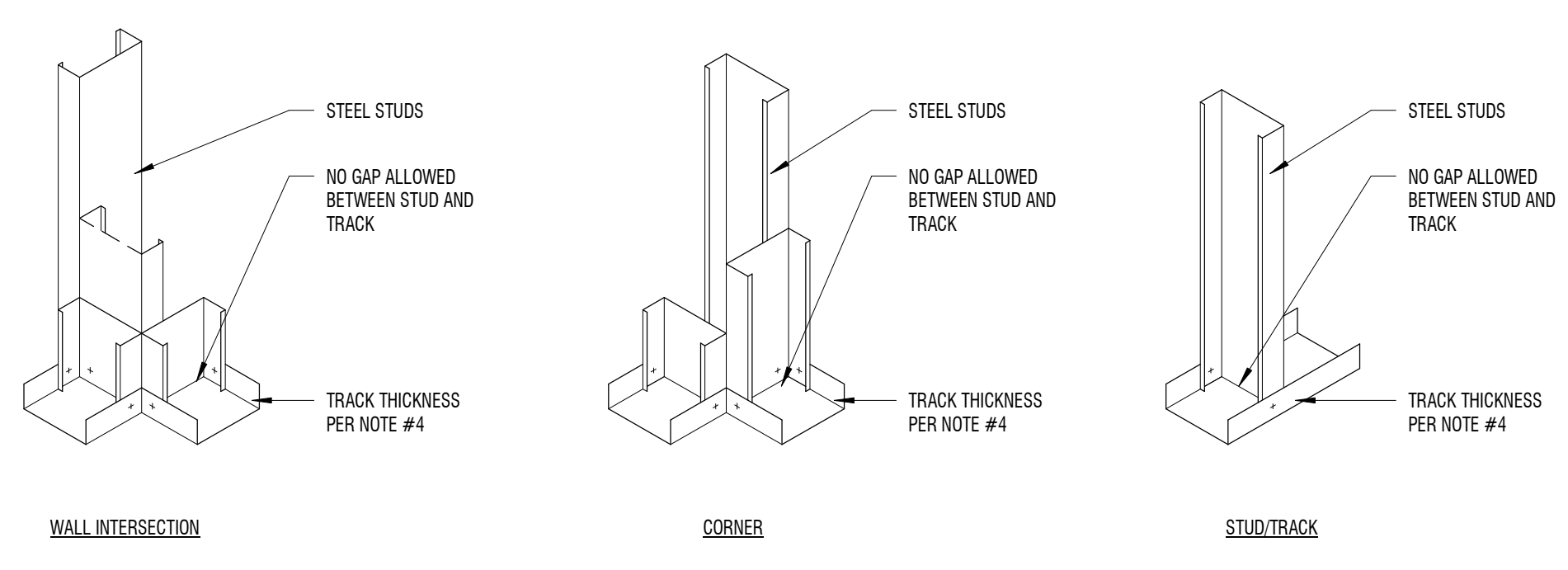
**C2 CEILING FRAMING DETAILS**

1 1/2" = 1'-0" TYPICAL



**C3 STEEL STUDS EXT TO CLG HEIGHT**

1/4" = 1'-0" TYPICAL



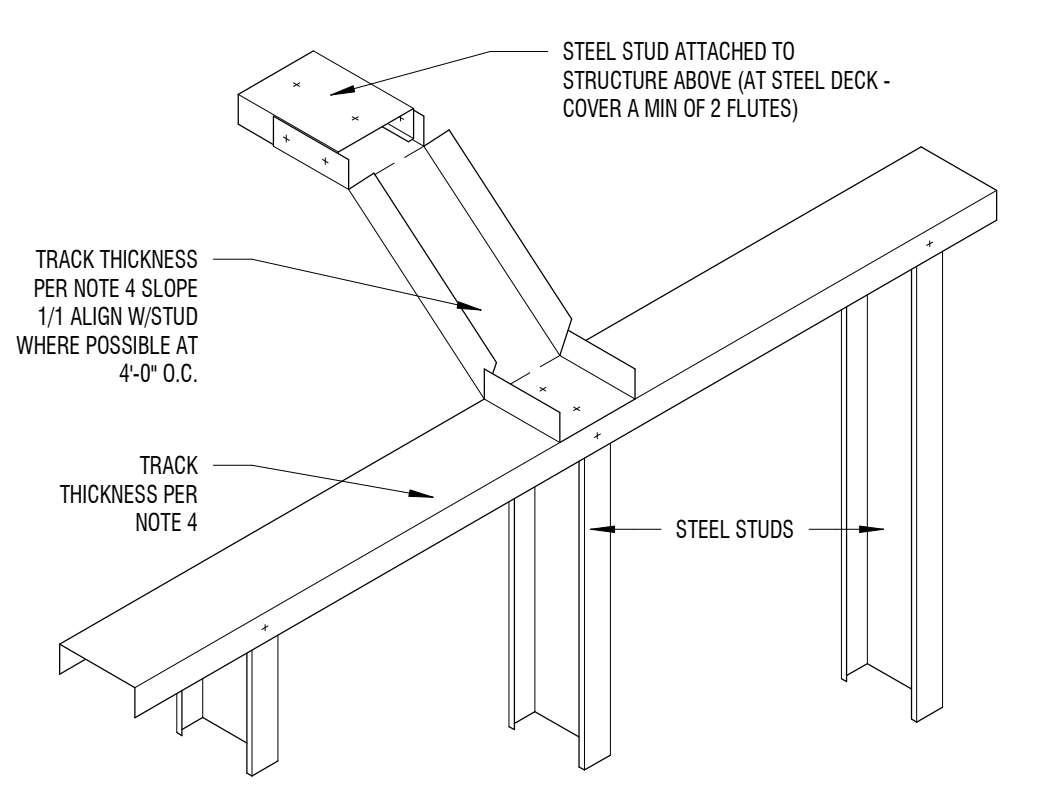
**FRAMING NOTES**

- STUD SPACING SHALL BE 16" O.C. UNLESS NOTED OTHERWISE.
- ALL STUDS SHALL BE "C" TYPE STUDS WITH A 1 1/4" FLANGE MINIMUM.
- DOUBLE STUDS AT SIDE OF OPENINGS ARE NOT ALLOWED TO BE CUT. MINIMUM GAGE OF STUDS AT SIDE OF OPENINGS TO BE 20 GA. AS LONG AS THE HEIGHT FALLS WITHIN THE LIMITS AS SET FORTH IN THE ALLOWABLE STEEL STUD HEIGHTS.
- ALL TOP AND BOTTOM TRACKS WILL BE A MINIMUM OF ONE LEVEL OF THICKNESS HIGHER THAN THE STUDS SECURED TO IT. THE MINIMUM THICKNESS SHALL BE 33 MIL (20 GA) NO. U.N.O. IN STRUCTURAL DRAWINGS.  
 18 MIL (25 GA) STUDS = 33 MIL (20 GA) TRACKS  
 33 MIL (20 GA) STUDS = 43 MIL (18 GA) TRACKS  
 43 MIL (18 GA) STUDS = 54 MIL (16 GA) TRACKS  
 EXAMPLE - IF YOU HAVE A 18 MIL (25 GA) STUD WALL WITH AN OPENING USING 33 MIL (20 GA) STUDS AROUND THE OPENING - A 33 MIL (20 GA) TRACK WILL BE REQUIRED.
- ALL DOUBLE STUDS AT OPENINGS, HEADERS, AND SILLS WILL BE A MINIMUM OF ONE LEVEL OF THICKNESS HIGHER THAN THE STUDS ADJACENT TO IT. THE MINIMUM THICKNESS SHALL BE 33 MIL (20 GA) UNO.  
 18 MIL (25 GA) STUDS = 33 MIL (20 GA) TRACKS  
 33 MIL (20 GA) STUDS = 43 MIL (18 GA) TRACKS  
 43 MIL (18 GA) STUDS = 54 MIL (16 GA) TRACKS
- STUD IDENTIFICATION  
 CHARACTER 1-3 = MEMBER DEPTH (362 = 3 5/8")  
 CHARACTER 4 = STYLE (S = C-STUD/JOIST)  
 CHARACTER 5-7 = FLANGE WIDTH (125 = 1 1/4")  
 CHARACTER 8-9 = MATERIAL THICKNESS IN MILS  
 FOR REFERENCE ONLY: 18 MILS = 25 GA = 33 MILS = 20 GA = 43 MILS = 18 GA
- GYPSUM BOARD USED FOR THIS TABLE TO BE 5/8" ON 1 SIDE OF THE STEEL STUDS.
- GYPSUM BOARD USED FOR THIS TABLE TO BE 5/8" ON 1 SIDE OR TWO SIDES OF THE STEEL STUDS.
- MINIMUM THICKNESS OF STUDS FOR SUPPORT OF CERAMIC TILE SHALL BE 33 MILS (20 GAGE) - ACTUAL THICKNESS WILL BE DETERMINED BY THE HEIGHT OF THE STUD.
- NOT ALL POSSIBLE OPTIONS OF STEEL STUDS ARE SHOWN IN THIS TABLE. ALL OTHER VARIATIONS ARE TO BE REVIEWED AND APPROVED BY THE ARCHITECT OR STRUCTURAL ENGINEER.
- 25 ga STUDS ARE NOT PERMITTED FOR CEILING STUD

NOTE: INFORMATION IN THESE CHARTS COMES FROM STEEL STUD MANUFACTURERS ASSOCIATION "www.ssmma.com". NOT ALL AVAILABLE PRODUCTS HAVE BEEN SHOWN HERE OR LISTED. THESE CHARTS ARE FOR INTERIOR NON LOAD BEARING PARTITIONS ONLY. ALL LOAD BEARING PARTITIONS NEED TO BE ENGINEERED BY THE STRUCTURAL ENGINEER.

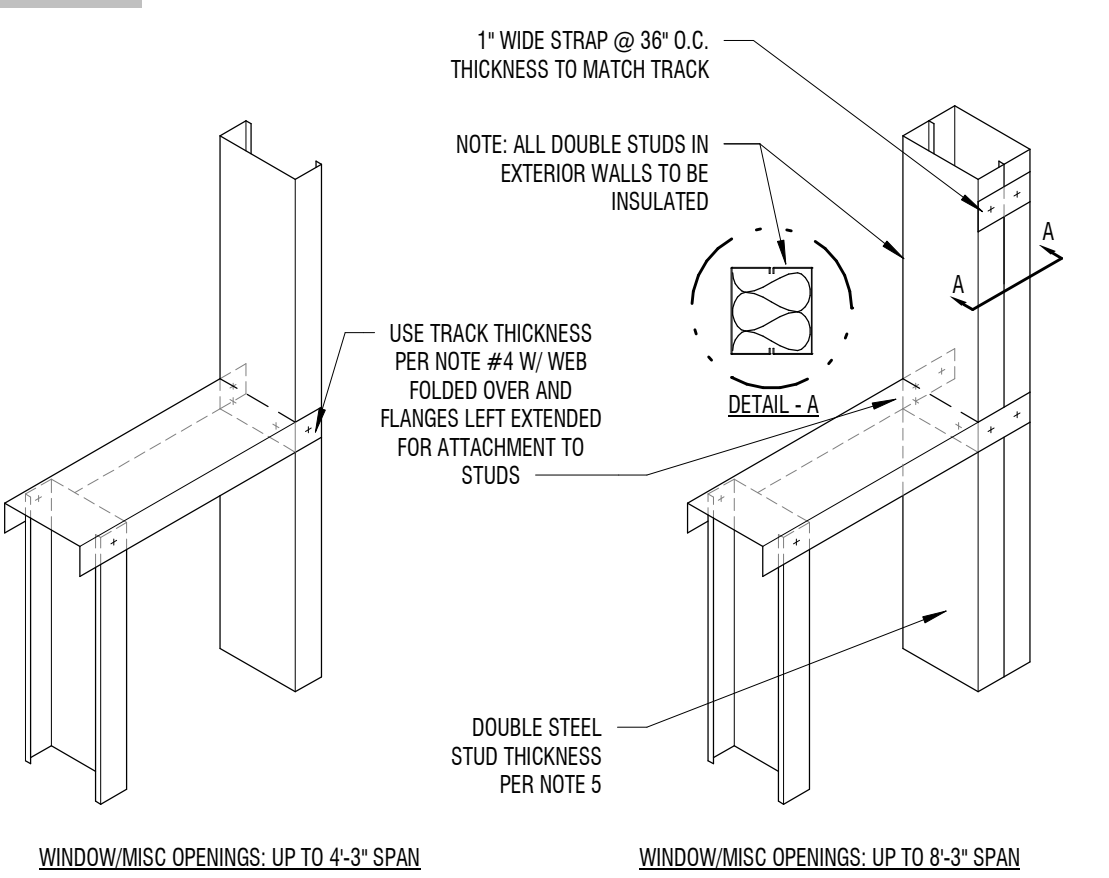
**B1 DIAGONAL BRACING**

1 1/2" = 1'-0" TYPICAL



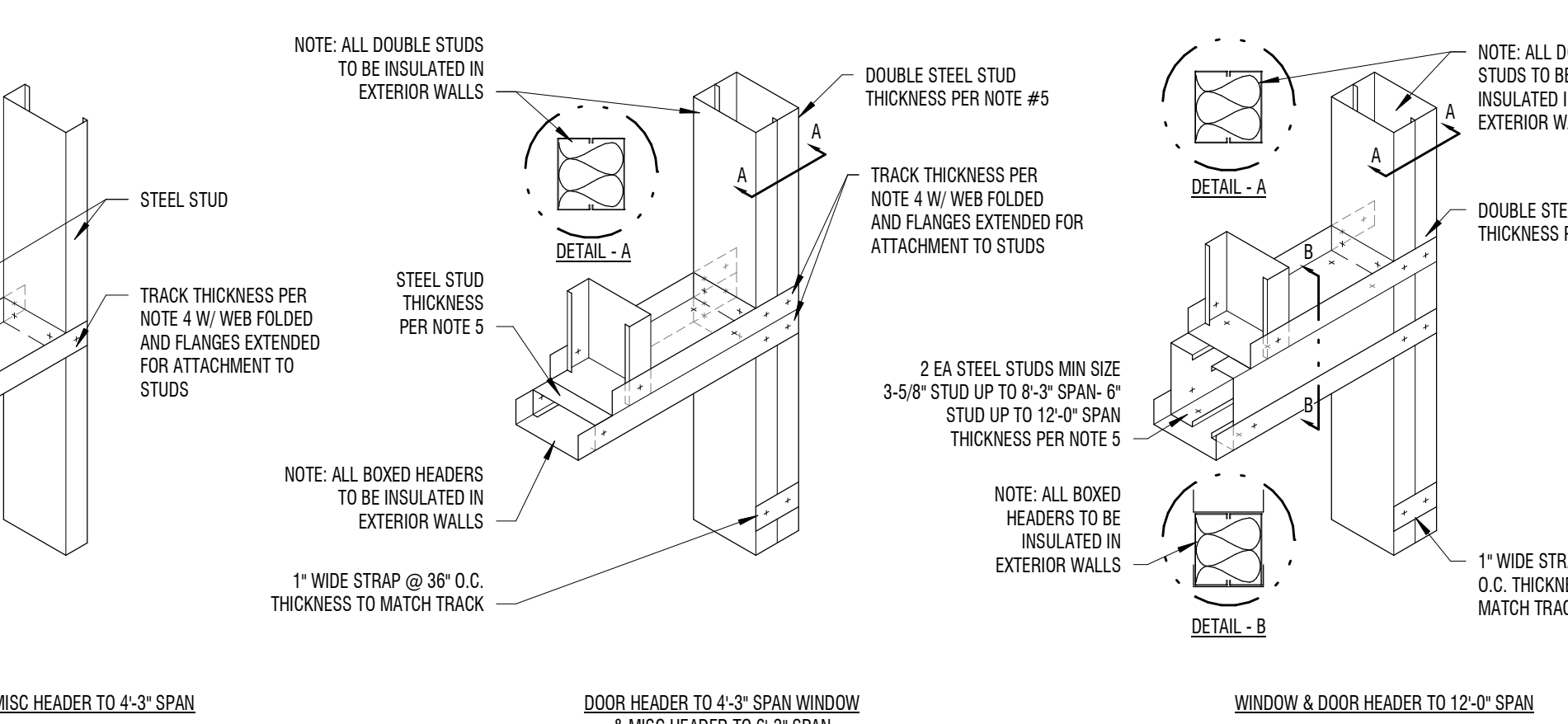
**B2 END OF WALL / DOOR JAMB**

1 1/2" = 1'-0" TYPICAL



**B3 MISC STUD / TRACK DETAILS**

1 1/2" = 1'-0" TYPICAL



**A1 DIAGONAL BRACE**

1 1/2" = 1'-0" TYPICAL

**A2 OPENING SILLS**

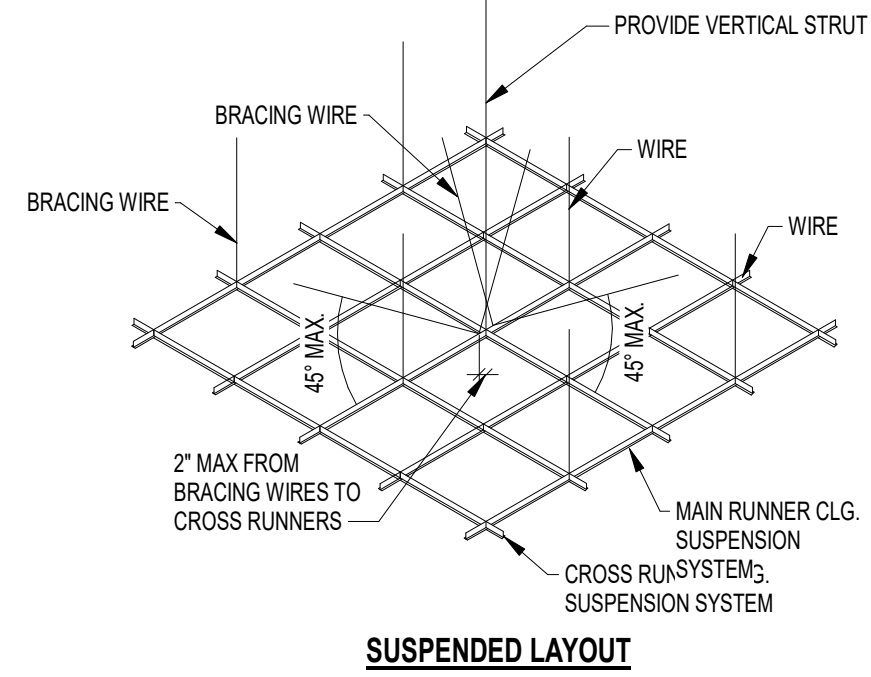
1 1/2" = 1'-0" TYPICAL

**A3 OPENING HEADERS**

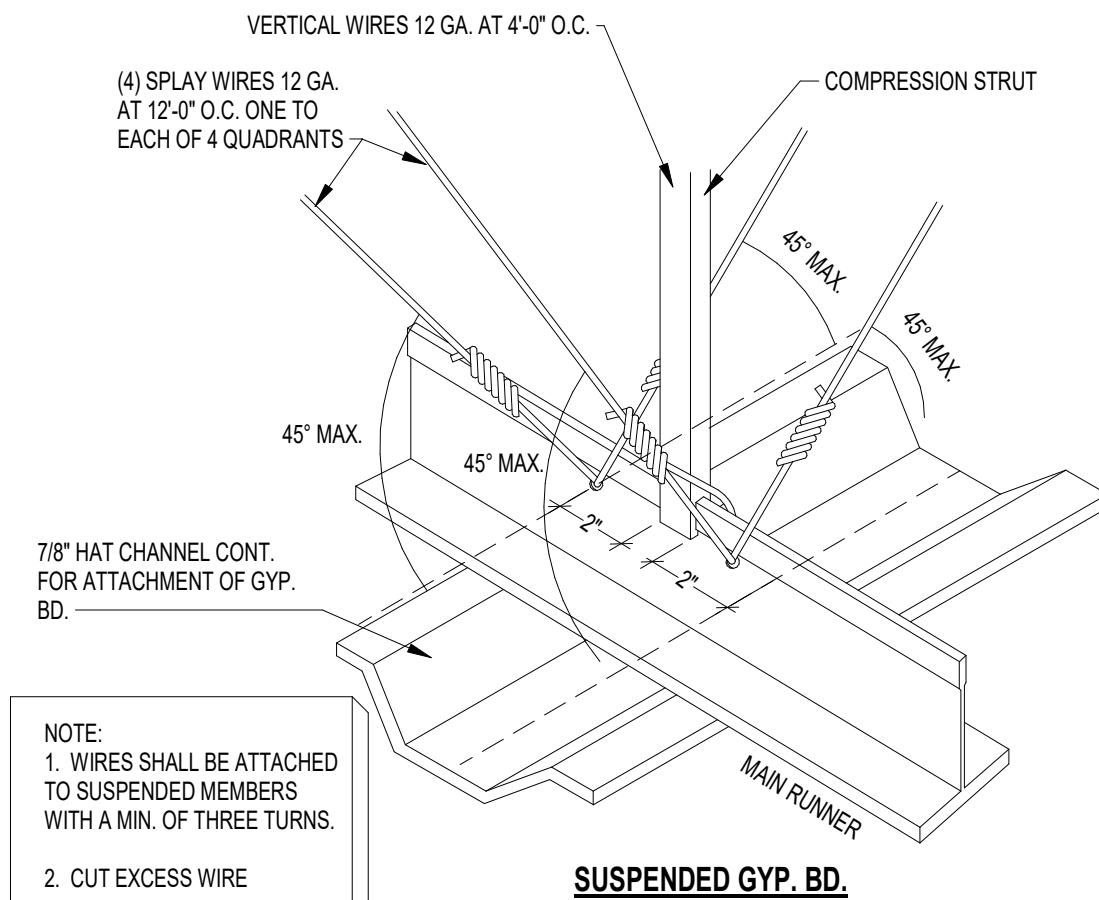
1 1/2" = 1'-0" TYPICAL



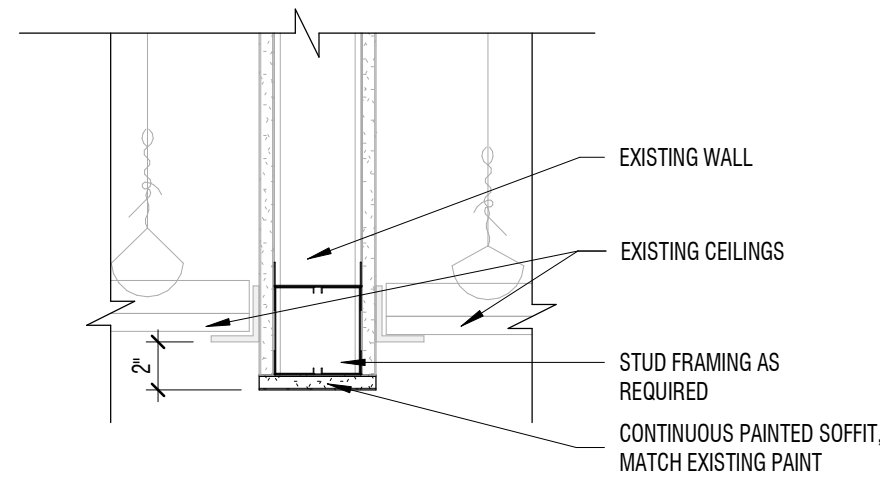
- NOTE:  
 1. T-BAR SYSTEM TO BE HEAVY DUTY  
 2. SPACER BARS ARE REQUIRED AT PERIMETERS  
 3. SEISMIC JOINTS BE PROVIDED SUCH THAT NO SINGLE CEILING AREA IS LARGER THAN 2,500 SQUARE FEET  
 4. GYPSUM CEILING SYSTEM SPACING - MAIN RUNNERS @ 4'-0" O.C. FURRING CHANNELS @ 16" O.C. PERP. TO RUNNERS. ACCEPTABLE ATTACHMENT FOR ACOUSTICAL CEILING GRID & GYPSUM CEILING SUSP. SYSTEM.



**SUSPENDED LAYOUT**

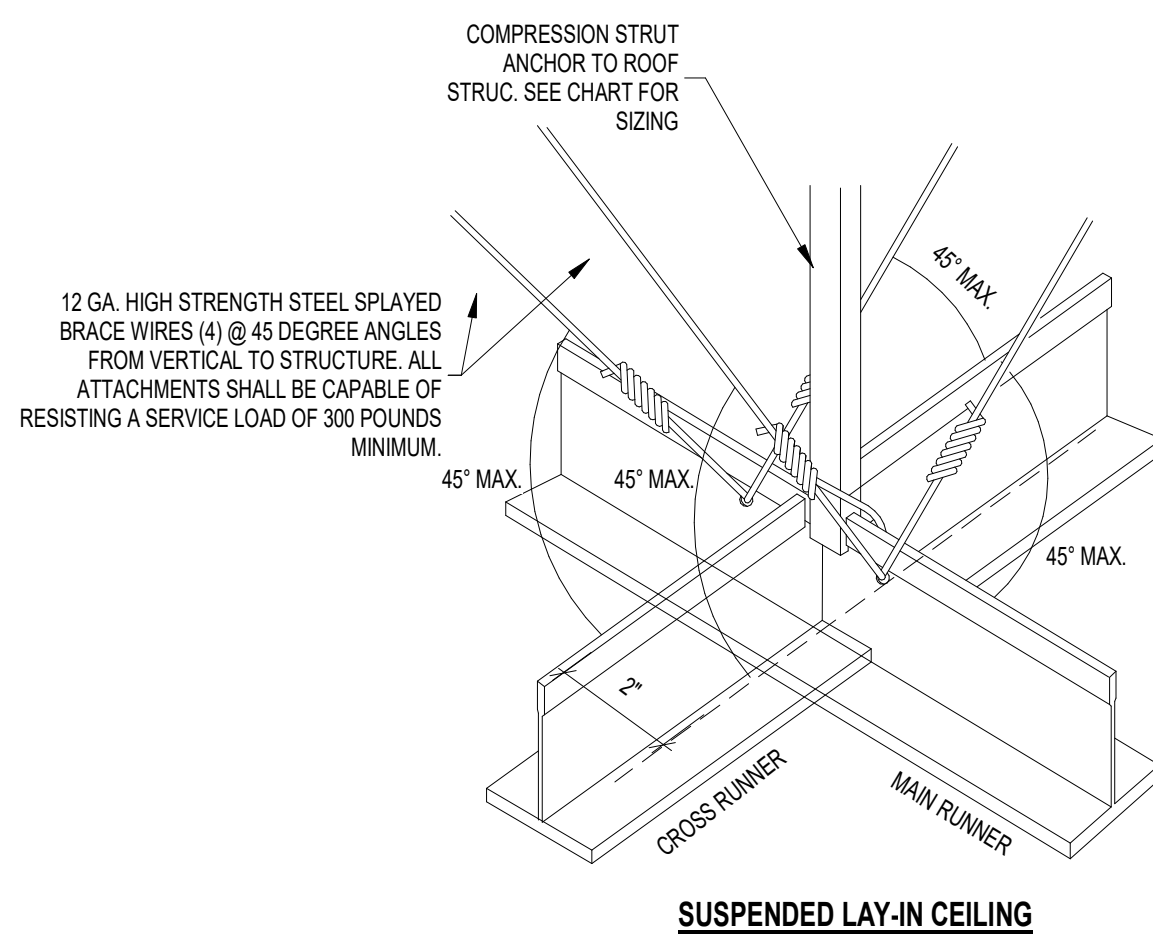


**SUSPENDED GYP. BD.**

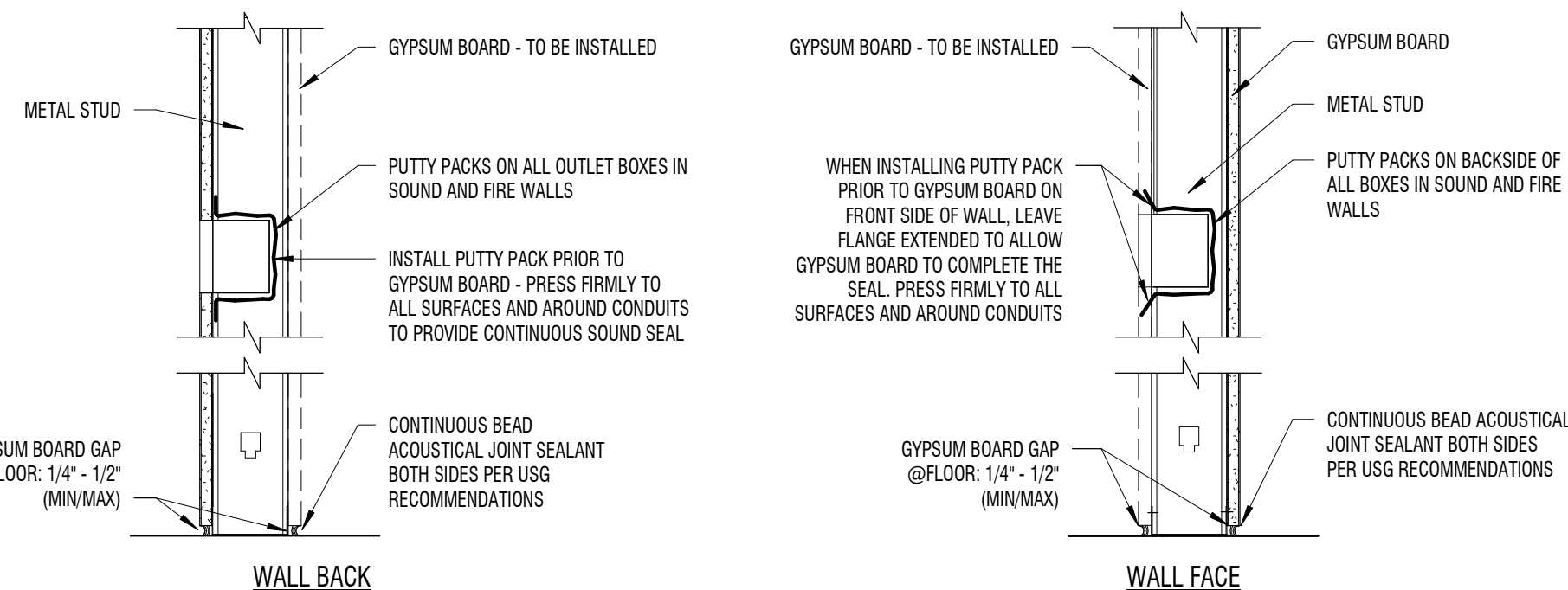


**C2 CEILING DETAIL**

1 1/2" = 1'-0"

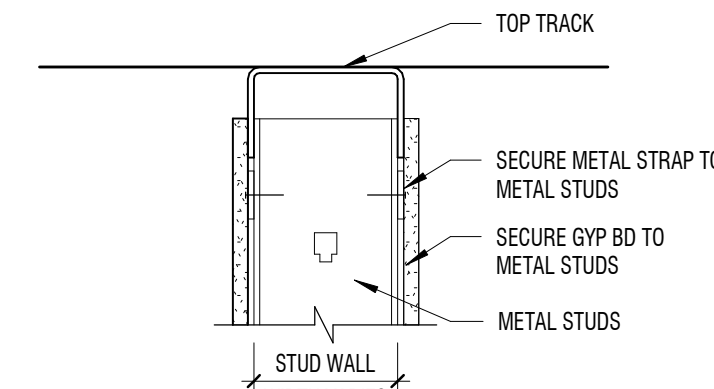


**SUSPENDED LAY-IN CEILING**



**WALL BACK**

**WALL FACE**

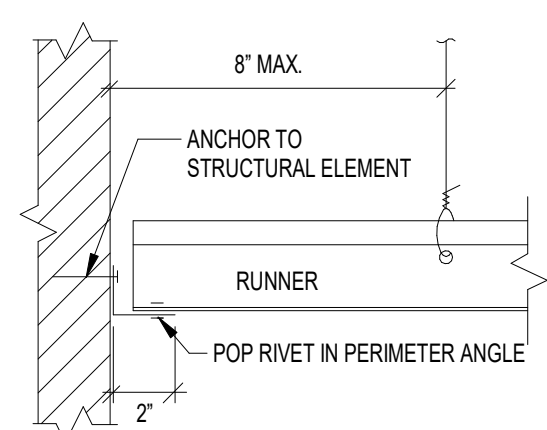


**B3 TOP TRACK**

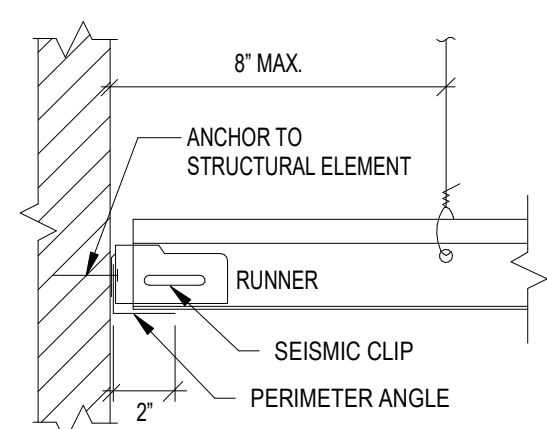
1 1/2" = 1'-0" TYPICAL

**B2 SOUND / FIRE WALL SEALANTS**

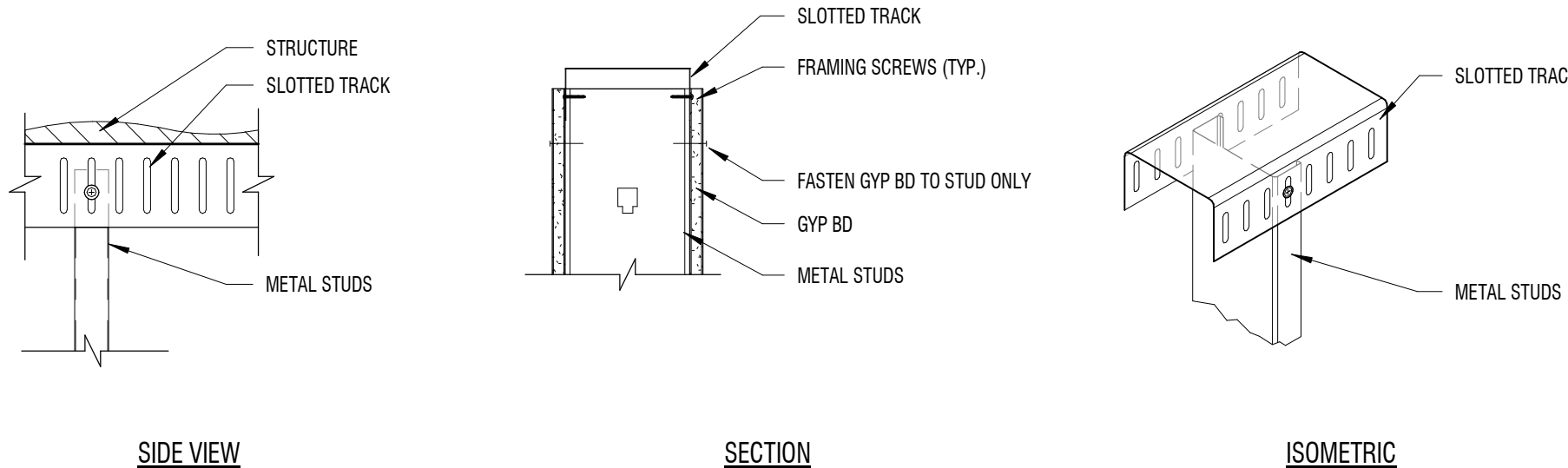
1 1/2" = 1'-0" TYPICAL



**EDGE DETAIL**



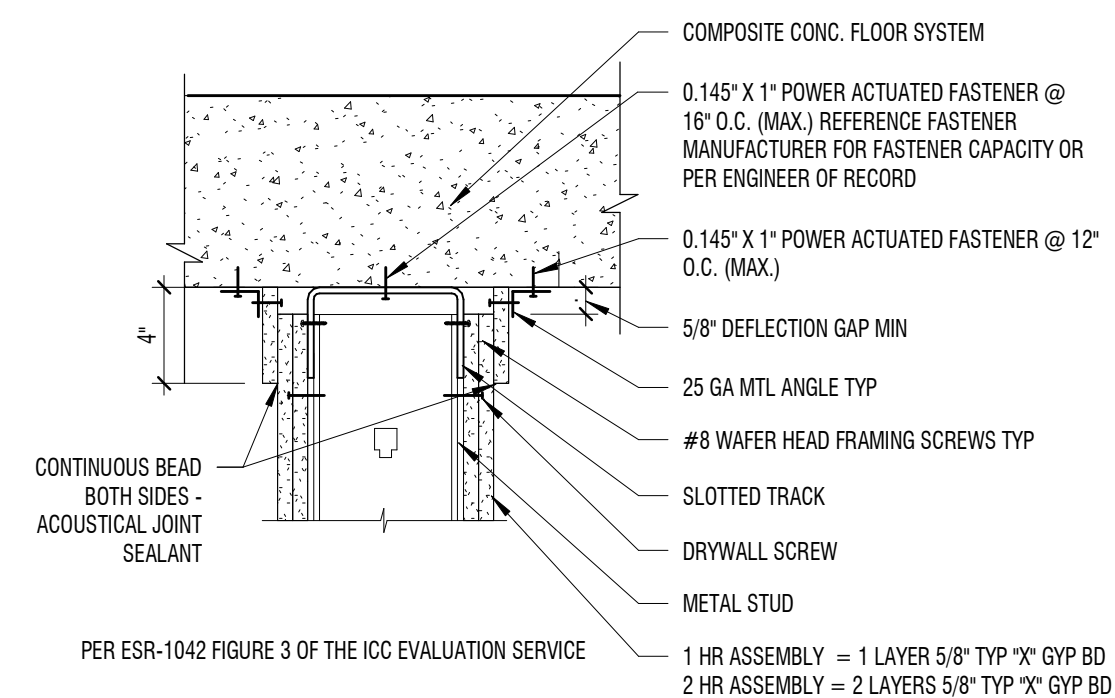
**EDGE DETAIL**



**SIDE VIEW**

**SECTION**

**ISOMETRIC**



PER ESR-1042 FIGURE 3 OF THE ICC EVALUATION SERVICE

**A3 FIRE / SOUND TOP TRACK**

1 1/2" = 1'-0" @DECK/FLOOR

**A1 SUSPENDED DETAILS**

1/4" = 1'-0"

**A2 SLOTTED TOP TRACK**

1 1/2" = 1'-0" TYPICAL

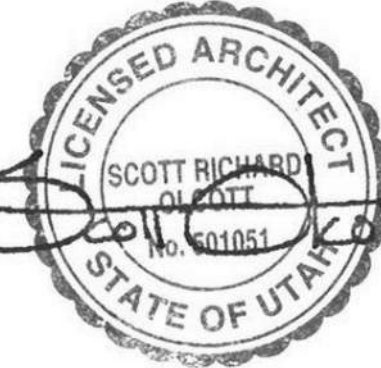
**ALLOWABLE HEIGHTS: STEEL STUD**

STUD MEMBER See Note 6	SPACING	1 LAYER OF GYP BD		2 LAYERS OF GYP BD	
		UNSUPPORTED	MID SPAN	UNSUPPORTED	MID SPAN
162S125-18	24" O.C.	7'-5"	7'-5"	6'-6"	6'-6"
	18" O.C.	8'-6"	8'-6"	7'-5"	7'-5"
	12" O.C.	9'-4"	9'-4"	8'-2"	8'-2"
162S125-33	24" O.C.	10'-10"	10'-10"	9'-5"	9'-5"
	18" O.C.	12'-5"	12'-5"	10'-10"	10'-10"
	12" O.C.	13'-5"	13'-5"	11'-11"	11'-11"
250S125-18	24" O.C.	11'-9"	11'-9"	10'-3"	10'-3"
	18" O.C.	13'-8"	13'-8"	11'-9"	11'-9"
	12" O.C.	14'-10"	14'-10"	13'-0"	13'-0"
250S125-33	24" O.C.	12'-2"	12'-2"	10'-11"	10'-11"
	18" O.C.	13'-7"	13'-7"	11'-3"	11'-3"
	12" O.C.	14'-8"	14'-8"	12'-2"	12'-2"
362S125-33	24" O.C.	13'-4"	13'-4"	11'-11"	11'-11"
	18" O.C.	14'-11"	14'-11"	13'-4"	13'-4"
	12" O.C.	16'-2"	16'-2"	14'-5"	14'-5"
400S125-33	24" O.C.	15'-1"	15'-1"	13'-6"	13'-6"
	18" O.C.	16'-10"	16'-10"	14'-9"	14'-9"
	12" O.C.	17'-7"	17'-7"	15'-7"	15'-7"
600S125-33	24" O.C.	19'-7"	19'-7"	16'-7"	16'-7"
	18" O.C.	20'-10"	20'-10"	17'-2"	17'-2"
	12" O.C.	21'-7"	21'-7"	17'-2"	17'-2"
800S125-33	24" O.C.	23'-11"	23'-11"	19'-5"	19'-5"
	18" O.C.	24'-6"	24'-6"	19'-9"	19'-9"
	12" O.C.	25'-3"	25'-3"	20'-6"	20'-6"
162S125-18	24" O.C.	7'-5"	7'-5"	6'-6"	6'-6"
	18" O.C.	8'-6"	8'-6"	7'-5"	7'-5"
	12" O.C.	9'-4"	9'-4"	8'-2"	8'-2"
162S125-33	24" O.C.	10'-10"	10'-10"	9'-5"	9'-5"
	18" O.C.	12'-5"	12'-5"	10'-10"	10'-10"
	12" O.C.	13'-5"	13'-5"	11'-11"	11'-11"
250S125-18	24" O.C.	11'-9"	11'-9"	10'-3"	10'-3"
	18" O.C.	13'-8"	13'-8"	11'-9"	11'-9"
	12" O.C.	14'-10"	14'-10"	13'-0"	13'-0"
250S125-33	24" O.C.	12'-2"	12'-2"	10'-11"	10'-11"
	18" O.C.	13'-7"	13'-7"	11'-3"	11'-3"
	12" O.C.	14'-8"	14'-8"	12'-2"	12'-2"
362S125-33	24" O.C.	13'-4"	13'-4"	11'-11"	11'-11"
	18" O.C.	14'-11"	14'-11"	13'-4"	13'-4"
	12" O.C.	16'-2"	16'-2"	14'-5"	14'-5"
400S125-33	24" O.C.	15'-1"	15'-1"	13'-6"	13'-6"
	18" O.C.	16'-10"	16'-10"	14'-9"	14'-9"
	12" O.C.	17'-7"	17'-7"	15'-7"	15'-7"
600S125-33	24" O.C.	19'-7"	19'-7"	16'-7"	16'-7"
	18" O.C.	20'-10"	20'-10"	17'-2"	17'-2"
	12" O.C.	21'-7"	21'-7"	17'-2"	17'-2"
800S125-33	24" O.C.	23'-11"	23'-11"	19'-5"	19'-5"
	18" O.C.	24'-6"	24'-6"	19'-9"	19'-9"
	12" O.C.	25'-3"	25'-3"	20'-6"	20'-6"

\* NP = NOT PERMITTED

**ALLOWABLE CEILING SPANS L/360: STL STUD**

STUD MEMBER see note 6	SPACING	1 LAYER OF GYP BD		2 LAYERS OF GYP BD	
		UNSUPPORTED	MID SPAN	UNSUPPORTED	MID SPAN
162S137-33	24" O.C.	7'-5"	7'-5"	6'-6"	6'-6"
	18" O.C.	8'-6"	8'-6"	7'-5"	7'-5"
	12" O.C.	9'-4"	9'-4"	8'-2"	8'-2"
250S162-33	24" O.C.	10'-10"	10'-10"	9'-5"	9'-5"
	18" O.C.	12'-5"	12'-5"	10'-10"	10'-10"
	12" O.C.	13'-5"	13'-5"	11'-11"	11'-11"
250S162-43	24" O.C.	11'-9"	11'-9"	10'-3"	10'-3"
	18" O.C.	13'-8"	13'-8"	11'-9"	11'-9"
	12" O.C.	14'-10"	14'-10"	13'-0"	13'-0"
362S162-33	24" O.C.	12'-2"	12'-2"	10'-11"	10'-11"
	18" O.C.	13'-7"	13'-7"	11'-3"	11'-3"
	12" O.C.	14'-8"	14'-8"	12'-2"	12'-2"
362S162-43	24" O.C.	13'-4"	13'-4"	11'-11"	11'-11"
	18" O.C.	14'-11"	14'-11"	13'-4"	13'-4"
	12" O.C.	16'-2"	16'-2"	14'-5"	14'-5"
400S162-33	24" O.C.	15'-1"	15'-1"	13'-6"	13'-6"
	18" O.C.	16'-10"	16'-10"	14'-9"	14'-9"
	12" O.C.	17'-7"	17'-7"	15'-7"	15'-7"
400S162-43	24" O.C.	19'-7"	19'-7"	16'-7"	16'-7"
	18" O.C.	20'-10"	20'-10"	17'-2"	17'-2"
	12" O.C.	21'-7"	21'-7"	17'-2"	17'-2"
600S162-33	24" O.C.	23'-11"	23'-11"	19'-5"	19'-5"
	18" O.C.	24'-6"	24'-6"	19'-9"	19'-9"
	12" O.C.	25'-3"	25'-3"	20'-6"	20'-6"
600S162-43	24" O.C.	16'-11"	16'-11"	15'-2"	15'-2"
	18" O.C.	18'-4"	18'-4"	16'-5"	16'-5"
	12" O.C.	19'-7"	19'-7"	17'-8"	17'-8"

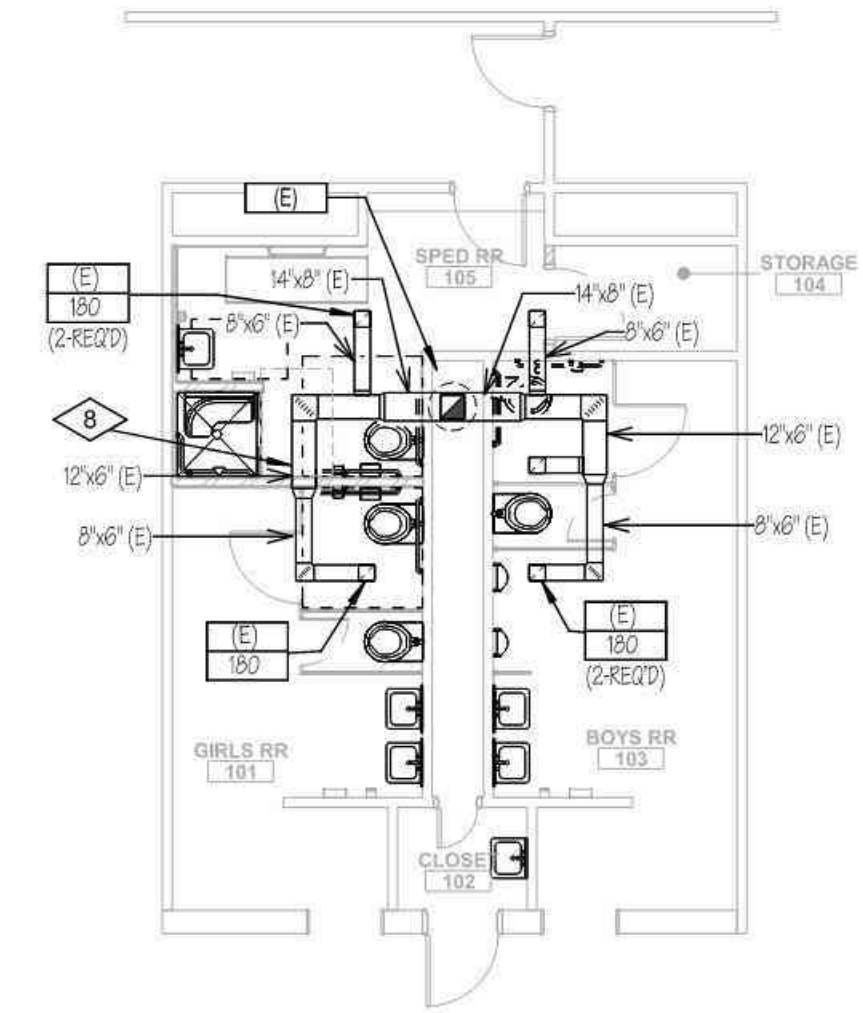




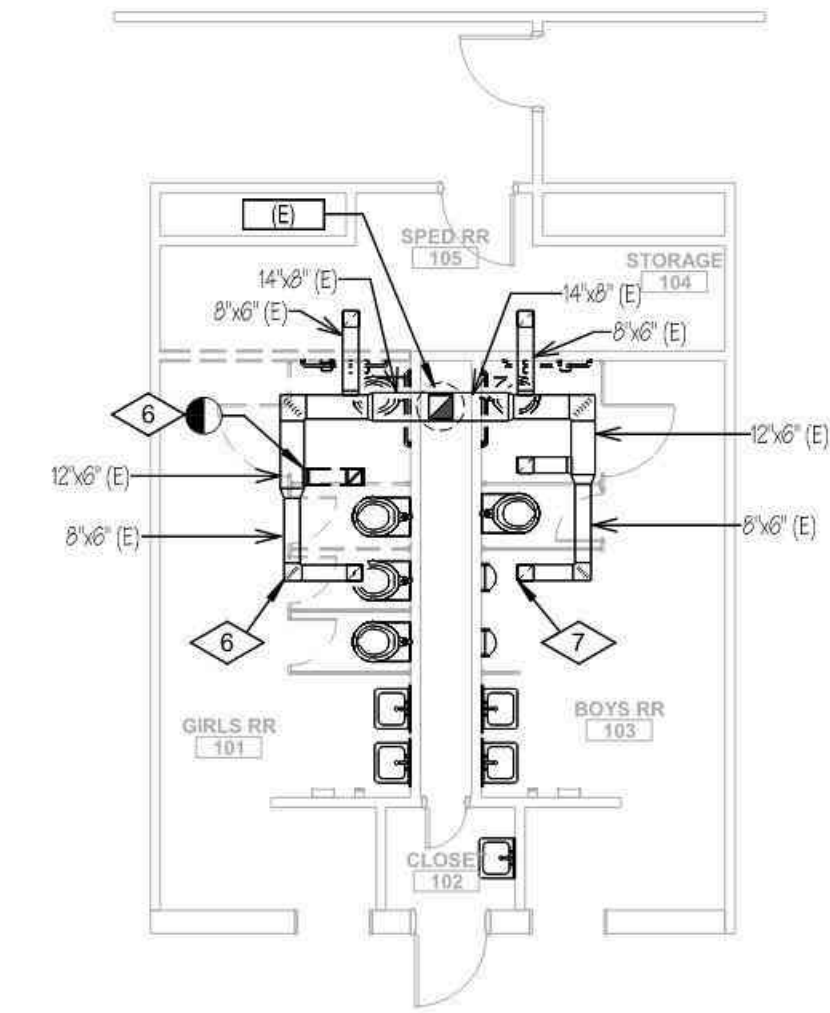
REFERENCE NOTES

- 1 DUCTWORK TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 2 EXISTING WALL MOUNTED HEATING/COOLING THERMOSTAT TO CONTROL BOTH VAV BOXES SERVING SPACE.
- 3 TRANSFER AIR DUCT ABOVE CEILING (TYPICAL). SEE DETAIL 5/M501.
- 4 REBALANCE EXISTING ROOF MOUNTED EXHAUST FAN EF-11 TO 900 CFM.
- 5 EXISTING DUCTWORK TO REMAIN (TYPICAL).
- 6 REMOVE DUCTWORK TO APPROXIMATELY THIS LOCATION (TYPICAL).
- 7 EXISTING DIFFUSERS AND GRILLES TO REMAIN (TYPICAL).
- 8 CAP DUCT AT APPROXIMATELY THIS LOCATION.
- 9 REMOVE EXISTING THERMOSTAT COMPLETE.
- 10 RECONNECT TO EXISTING DUCTWORK AT APPROXIMATELY THIS LOCATION. PATCH AND REPAIR INSULATION (TYPICAL).

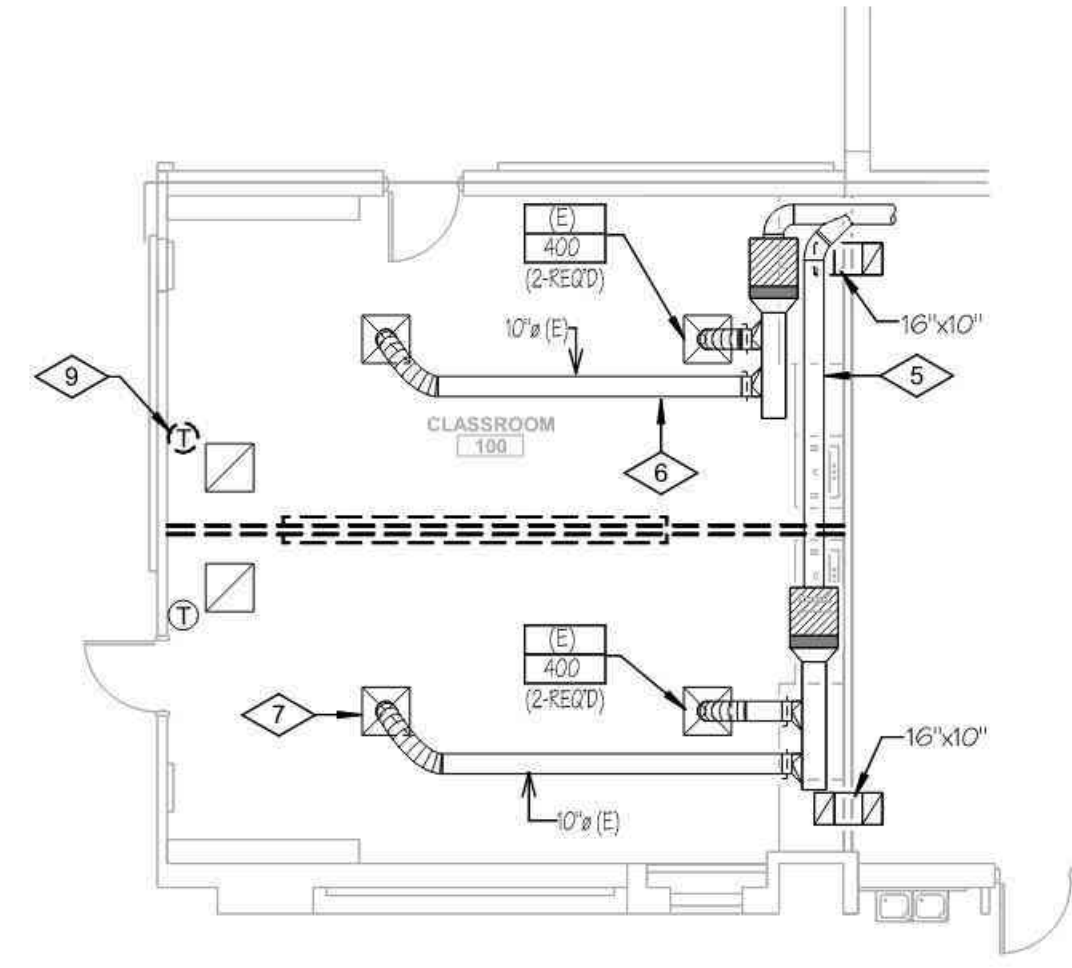
GENERAL NOTE:  
 SYSTEM MODIFICATION PROVIDED & INSTALLED BY UTAH YAMAS CONTROLS. SLC AS AN EXTENSION OF THE EXISTING SYSTEM.



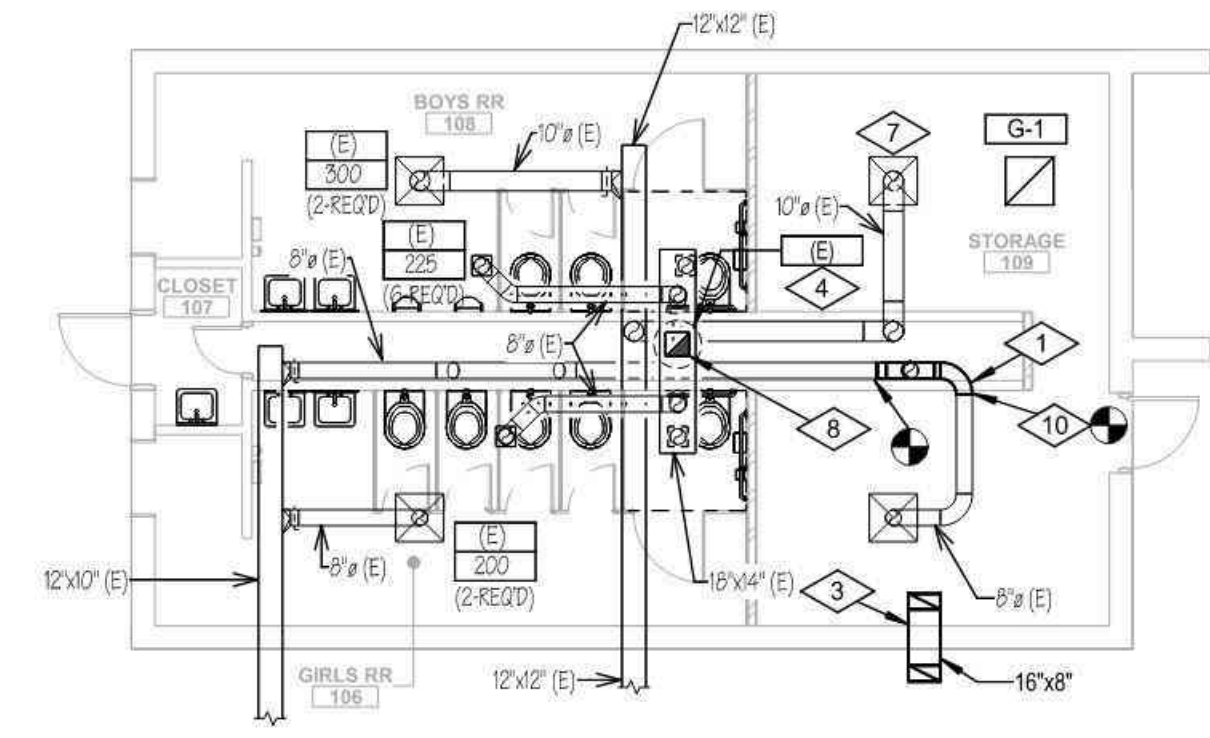
SPED RESTROOM MECHANICAL PLAN  
 0 4'-0" 8'-0" 16'-0"  
 SCALE: 1/8" = 1'-0"



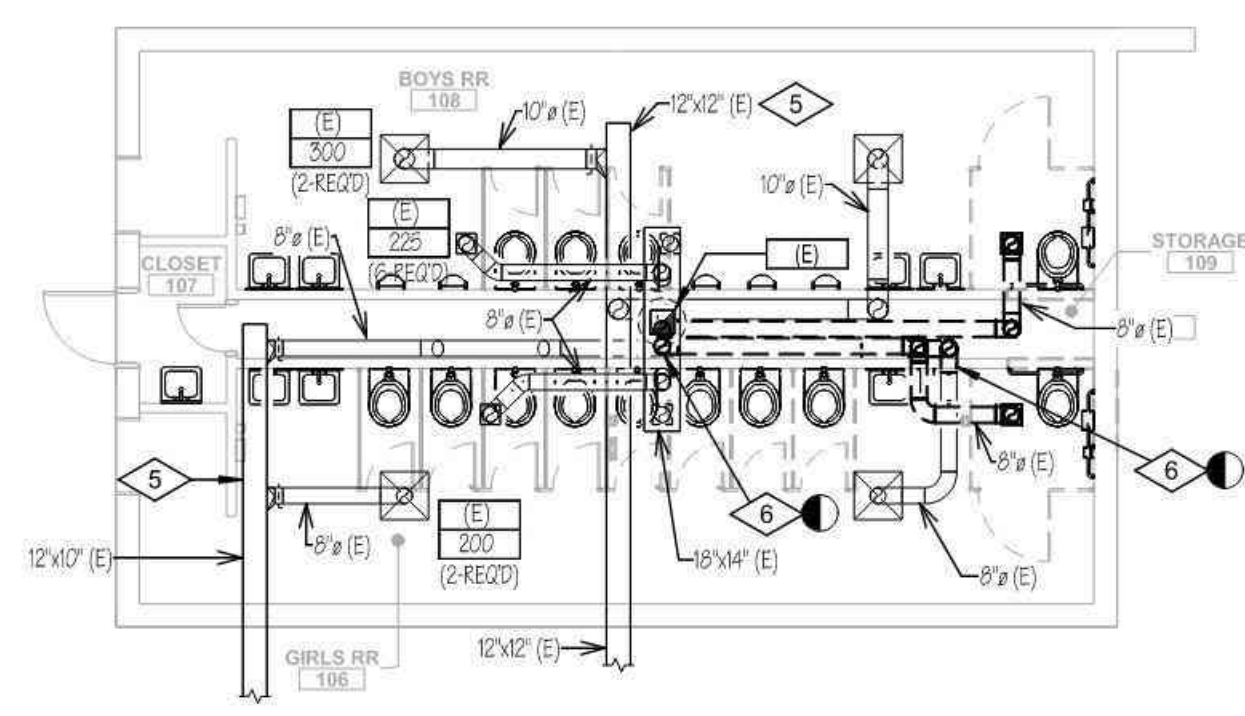
SPED RESTROOM MECHANICAL DEMOLITION PLAN  
 0 4'-0" 8'-0" 16'-0"  
 SCALE: 1/8" = 1'-0"



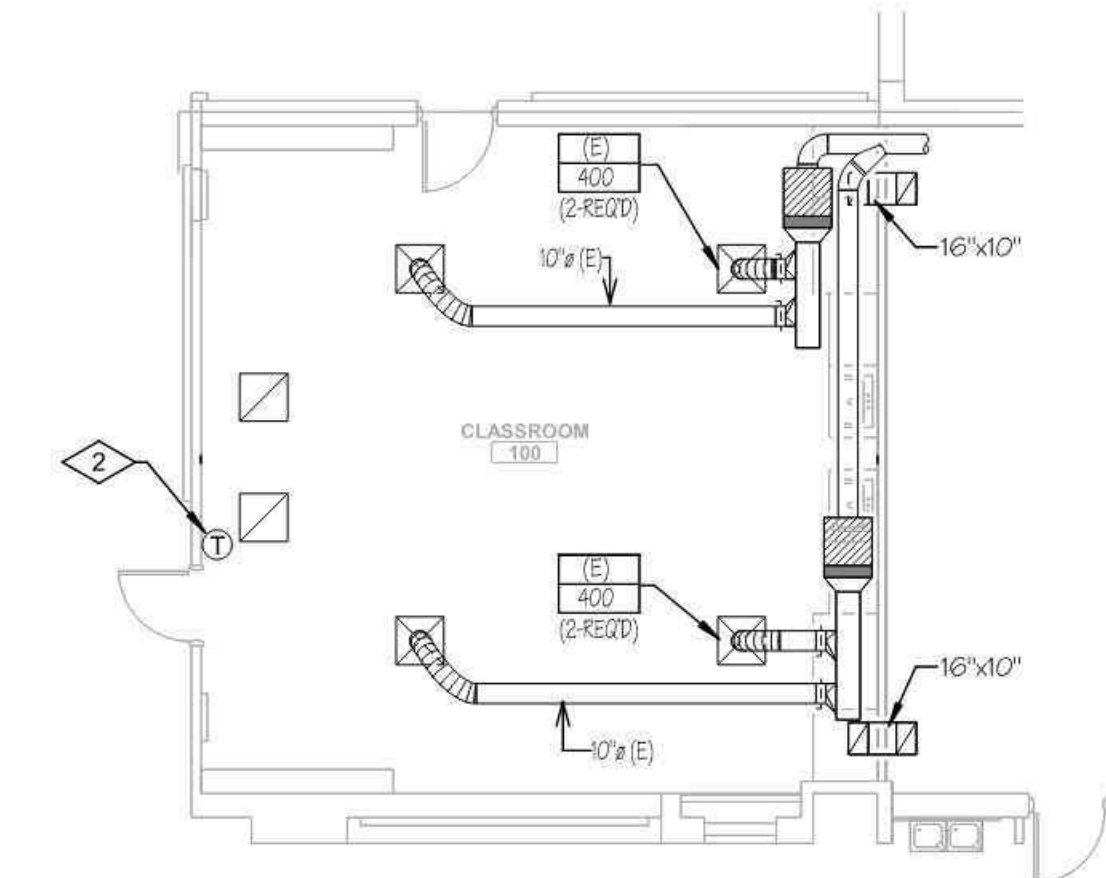
CLASSROOM MECHANICAL DEMOLITION PLAN  
 0 4'-0" 8'-0" 16'-0"  
 SCALE: 1/8" = 1'-0"



NORTH RESTROOM MECHANICAL PLAN  
 0 4'-0" 8'-0" 16'-0"  
 SCALE: 1/8" = 1'-0"

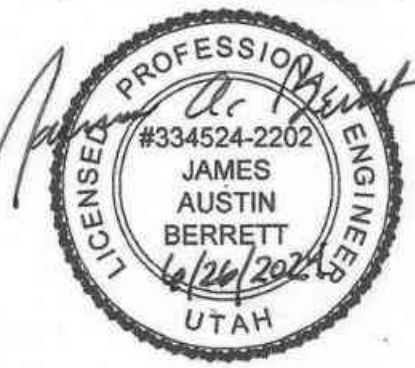


NORTH RESTROOM MECHANICAL DEMOLITION PLAN  
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 SCALE: 1/8" = 1'-0"



CLASSROOM MECHANICAL PLAN  
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ISSUED:	06.26.2024



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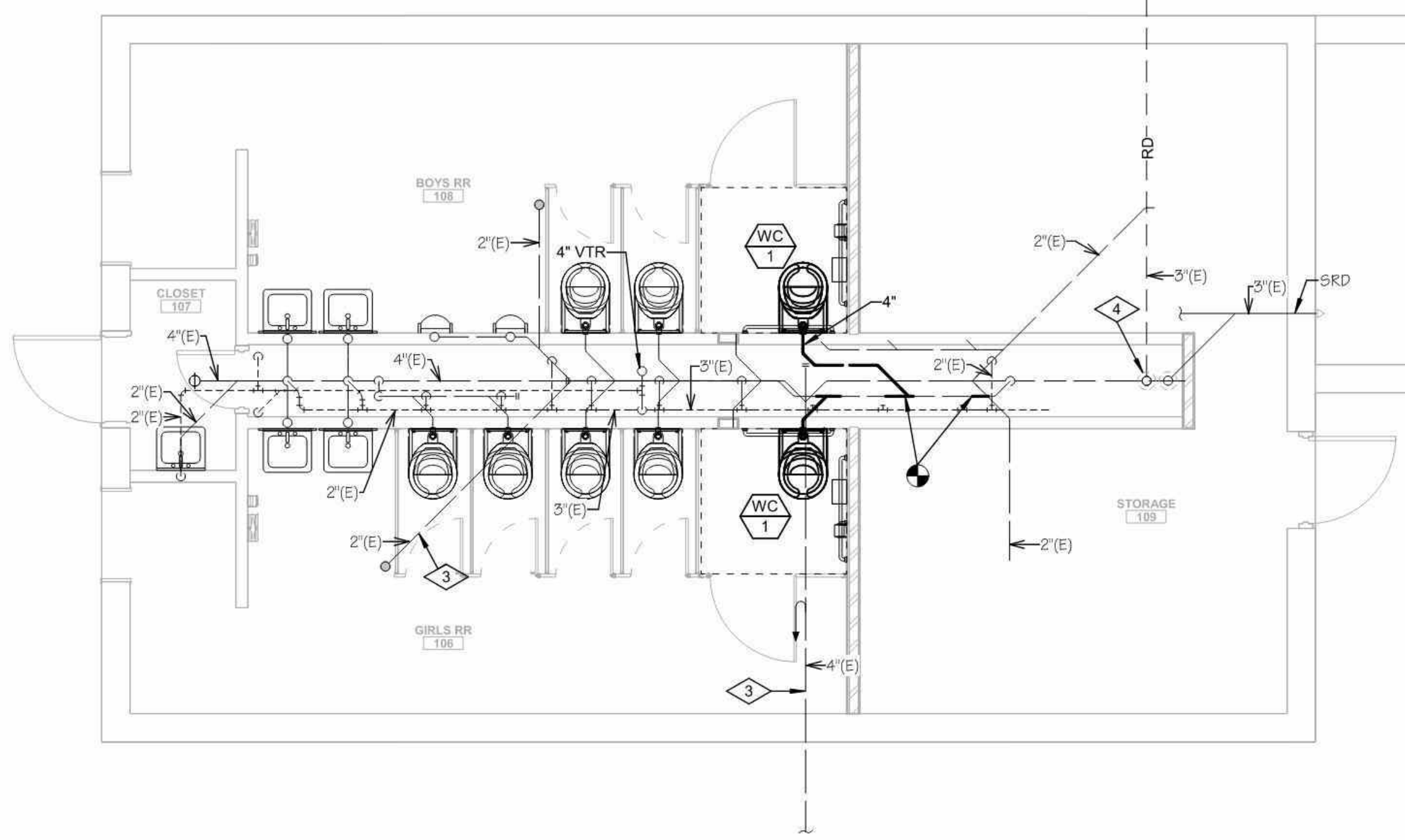
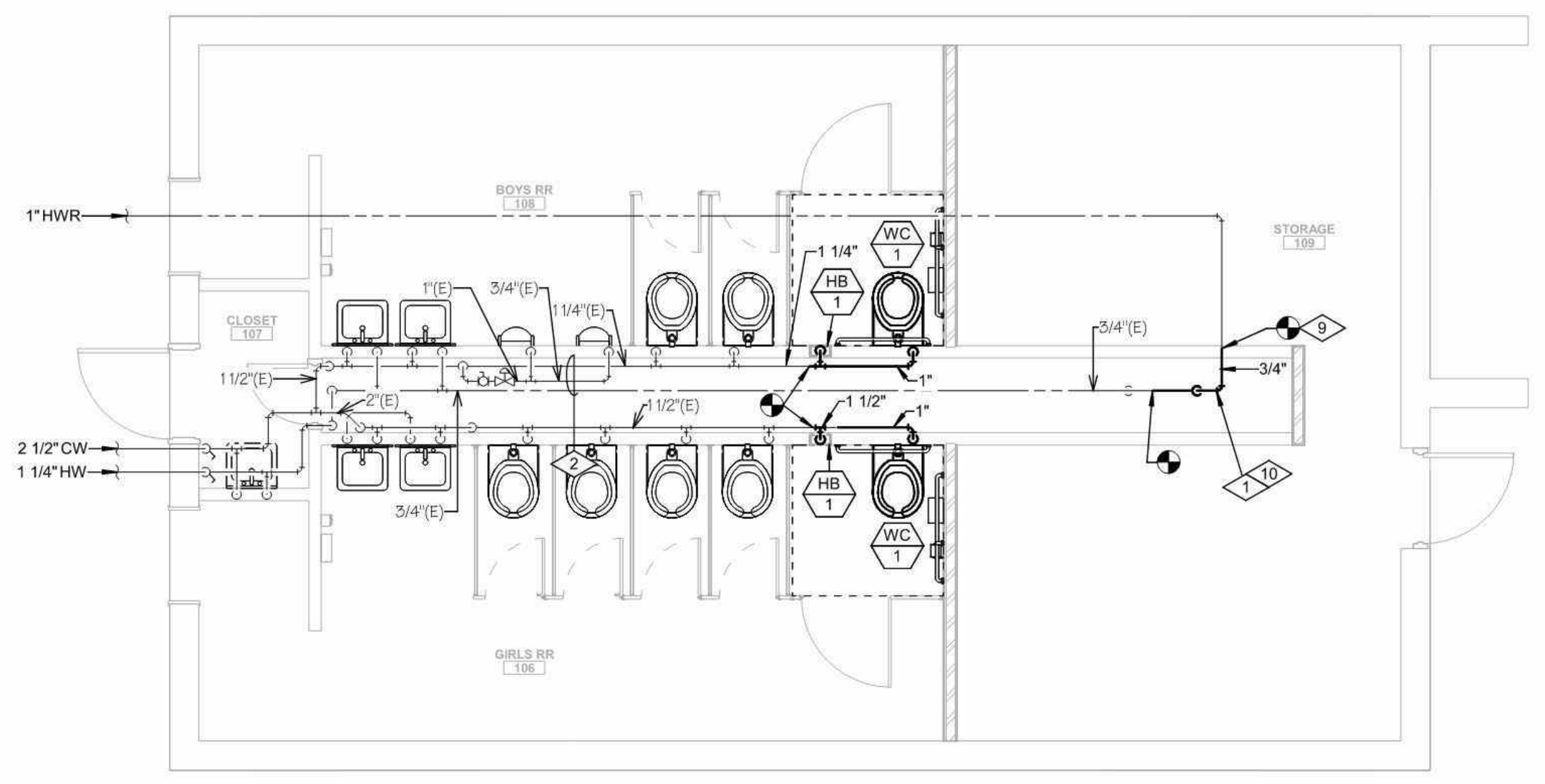




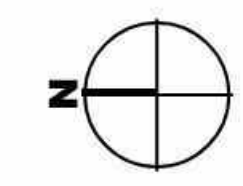
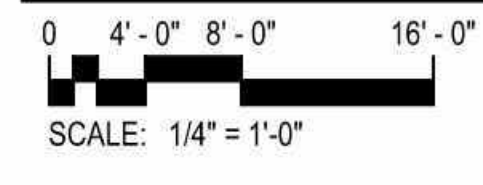




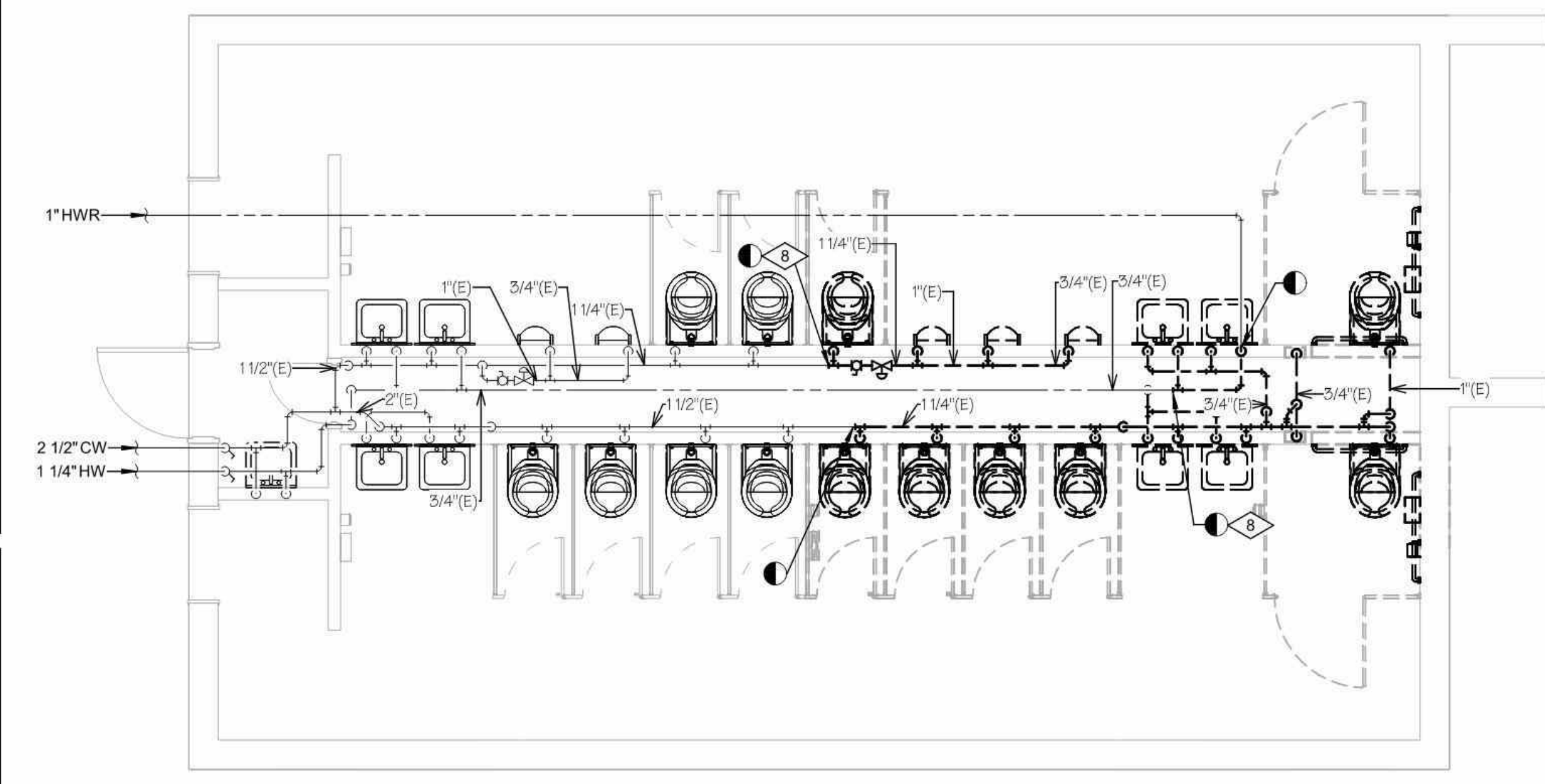
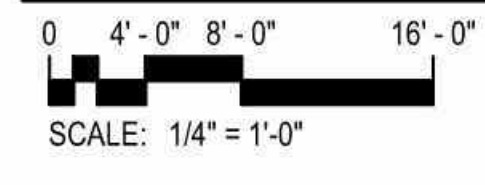
- REFERENCE NOTES**
- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
  - 2 EXISTING DOMESTIC PIPING TO REMAIN (TYPICAL).
  - 3 EXISTING WASTE PIPING BELOW FLOOR TO REMAIN (TYPICAL).
  - 4 EXISTING ROOF DRAIN PIPING DROPS FROM ROOF TO BELOW FLOOR TO REMAIN.
  - 5 EXISTING WASTE PIPING ABOVE FINISHED FLOOR TO REMAIN (TYPICAL).
  - 6 REMOVE EXISTING PLUMBING FIXTURE AND WASTE PIPING TO A MINIMUM OF 6" BELOW FINISHED FLOOR. CAP PIPE AND ABANDON. (TYPICAL)
  - 7 REMOVE WASTE VENT PIPE TO APPROXIMATELY THIS LOCATION IN PLUMBING CHASE (TYPICAL).
  - 8 REMOVE DOMESTIC PIPING TO APPROXIMATELY THIS LOCATION (TYPICAL).
  - 9 CONNECT TO EXISTING PIPING AT APPROXIMATELY THIS LOCATION (TYPICAL).
  - 10 HOT WATER RECIRC PIPING TO BE REROUTED TO ABOVE NEW STORAGE ROOM CEILING.



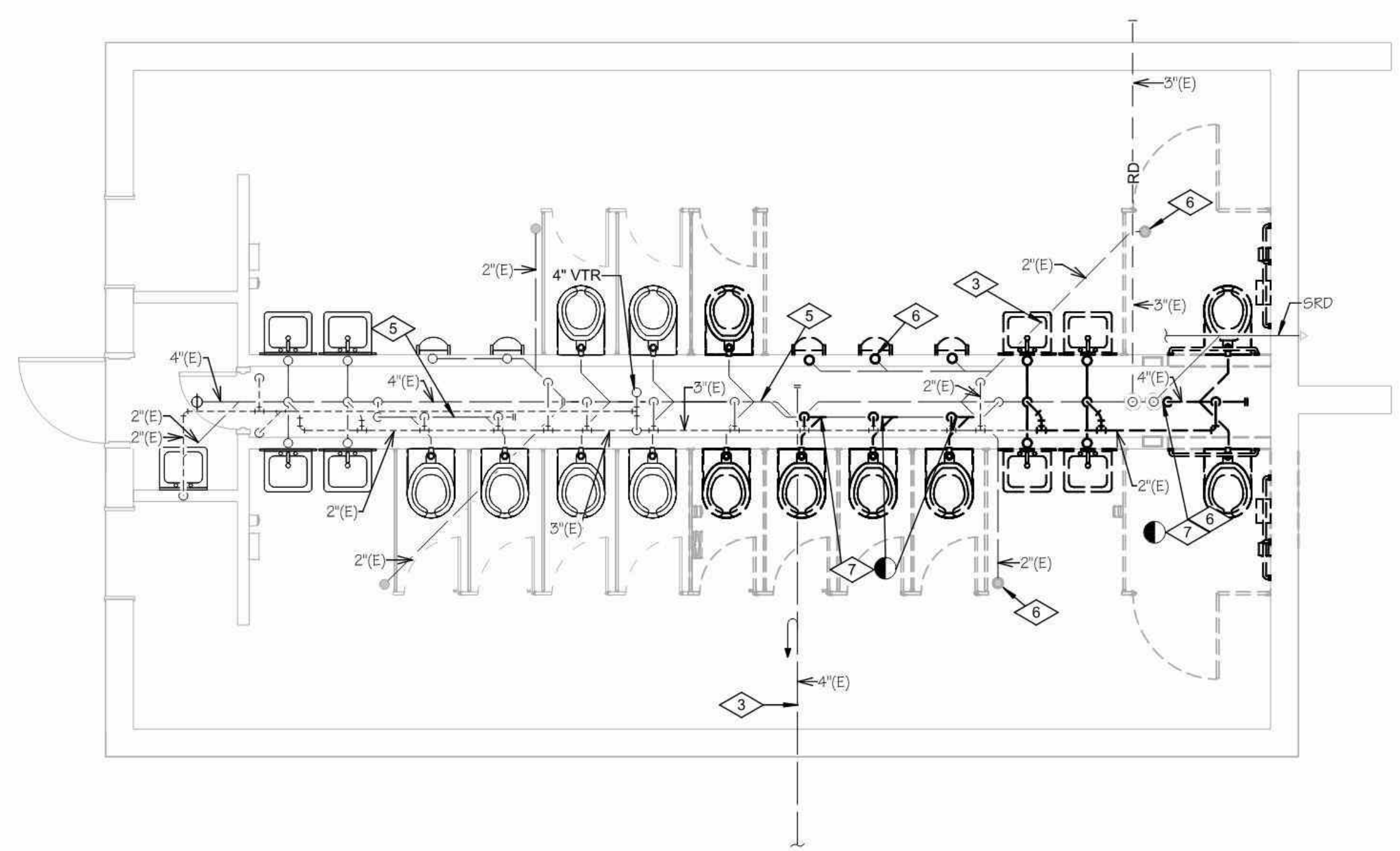
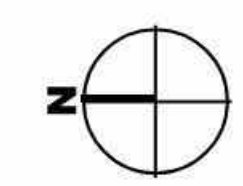
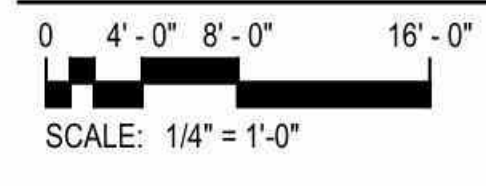
**NORTH RESTROOM PLUMBING PLAN**



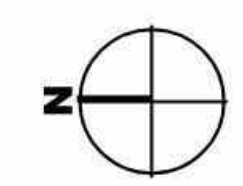
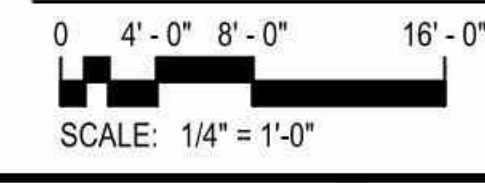
**NORTH RESTROOM PLUMBING PLAN**



**NORTH RESTROOM PLUMBING DEMOLITION PLAN**

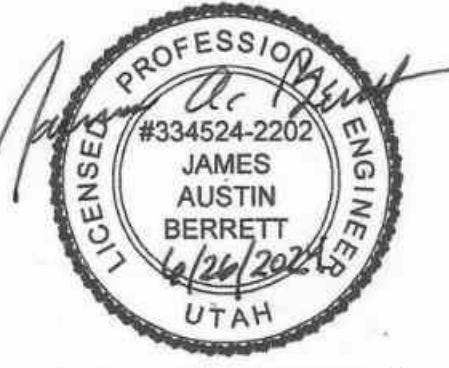


**NORTH RESTROOM PLUMBING DEMOLITION PLAN**

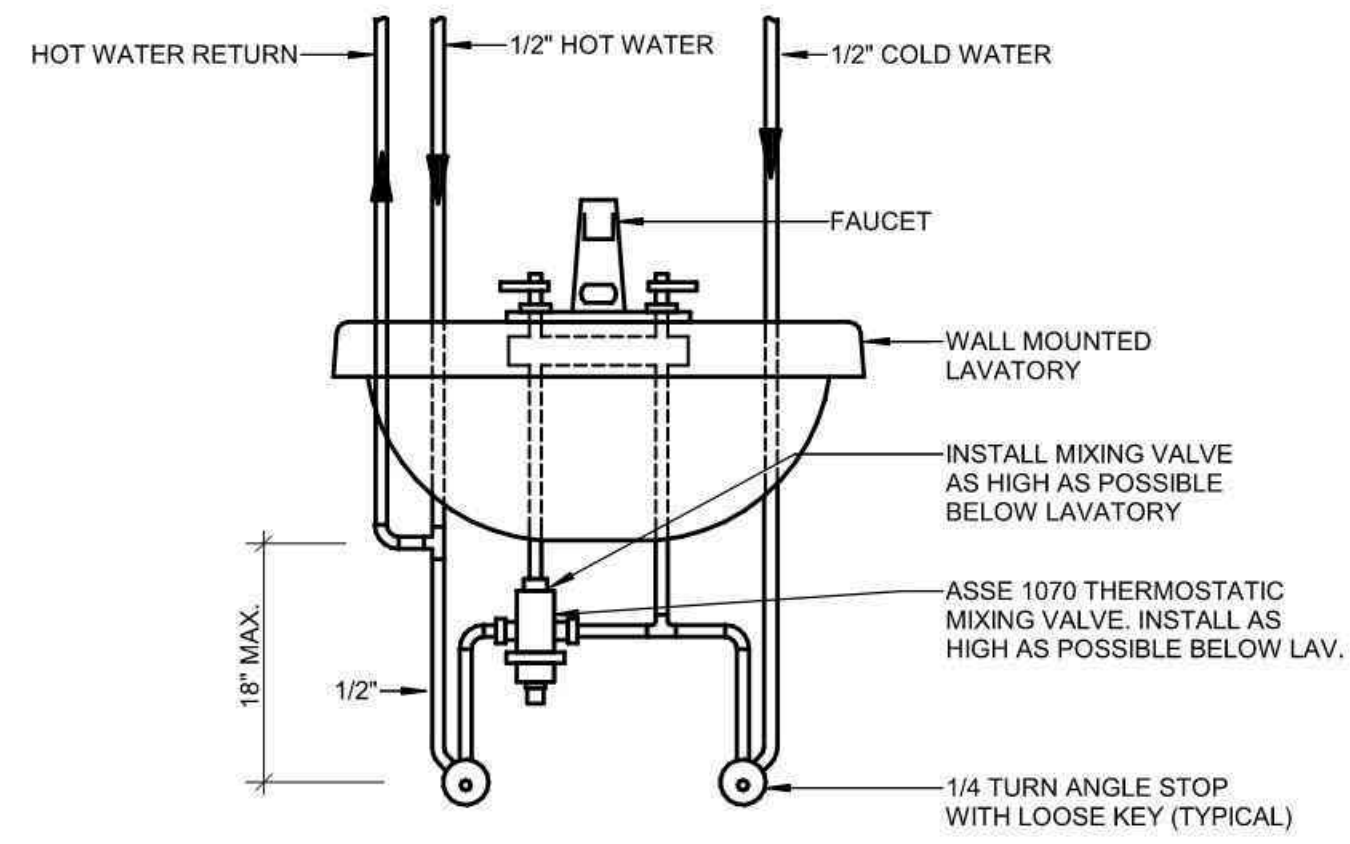


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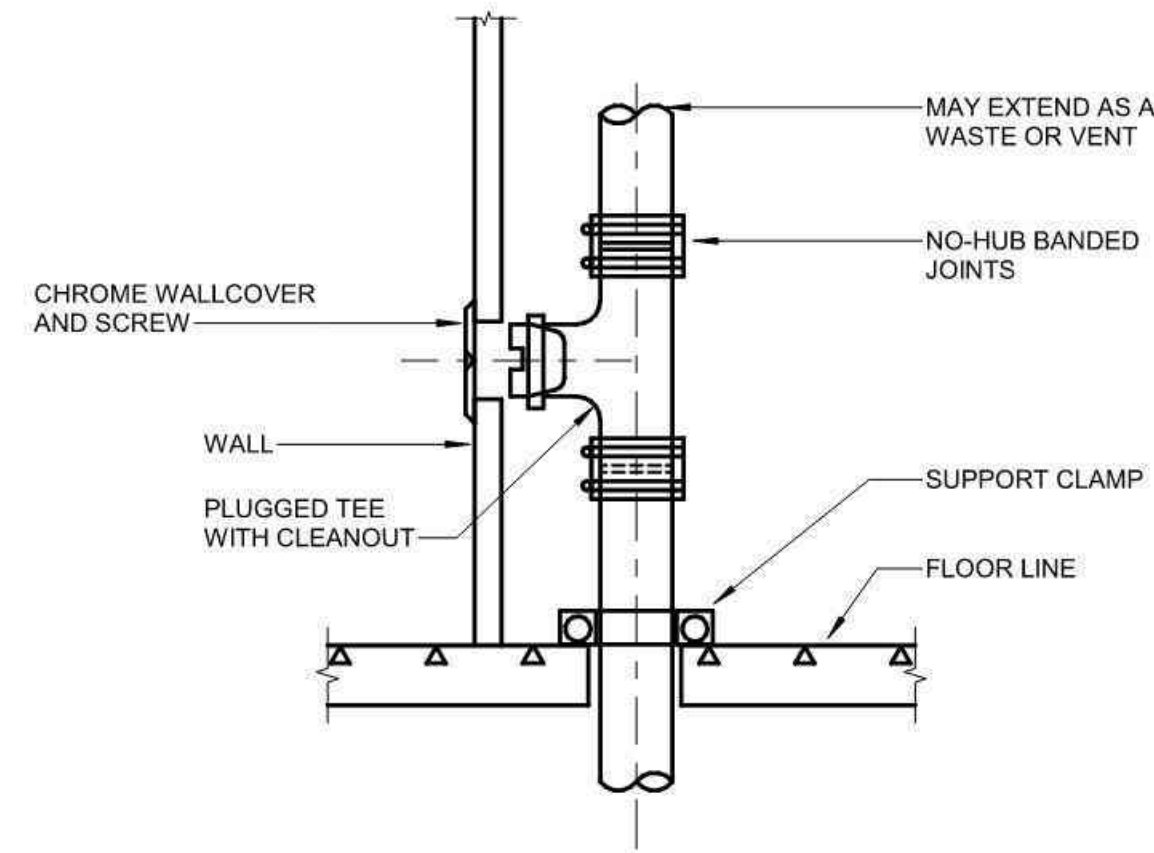




**PUBLIC LAVATORY PIPING DETAIL**

SCALE: NTS

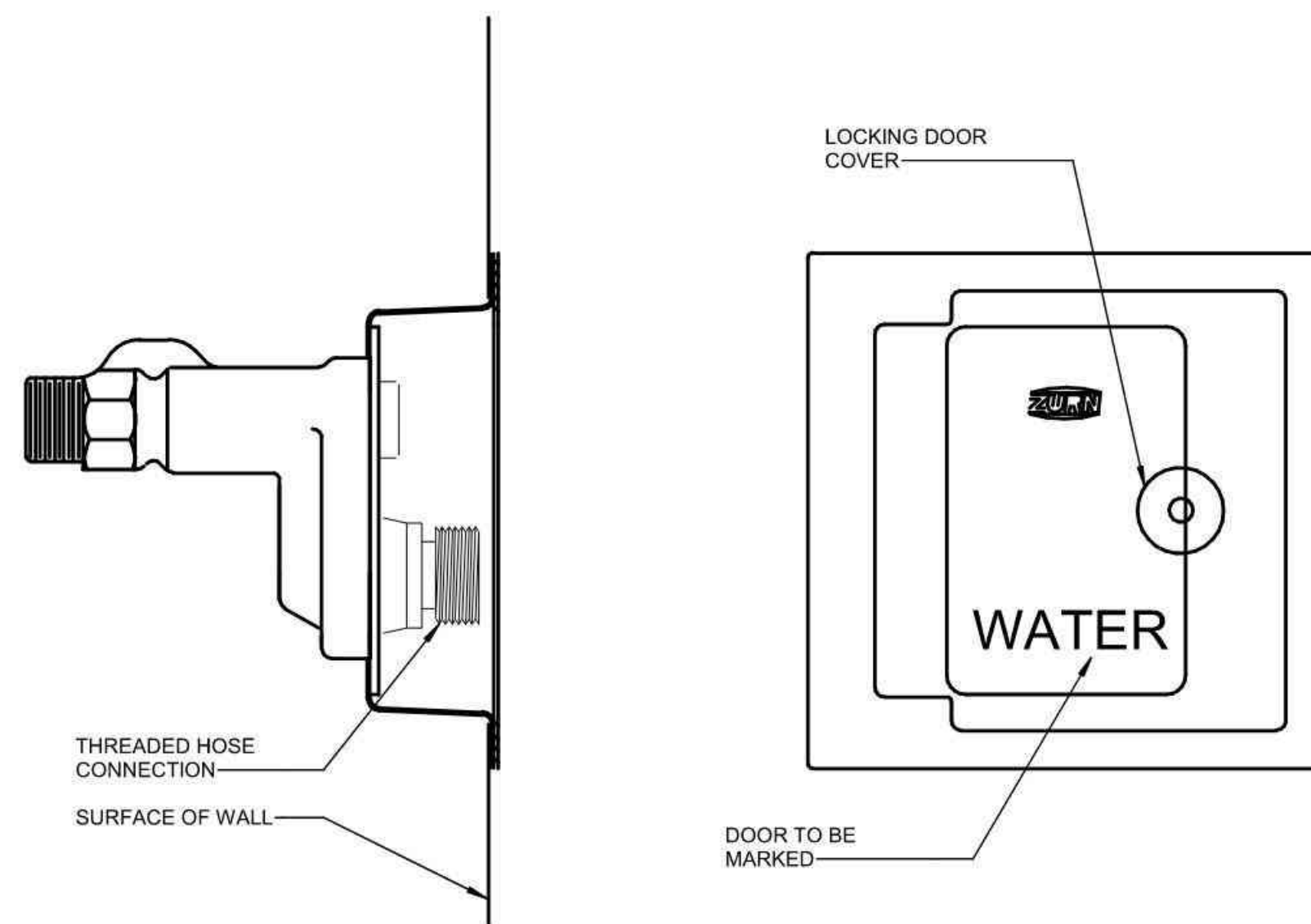
3  
P501



**WALL CLEANOUT DETAIL**

SCALE: NTS

4  
P501



**HOSE BIBB FOR TOILET ROOMS**

SCALE: NTS

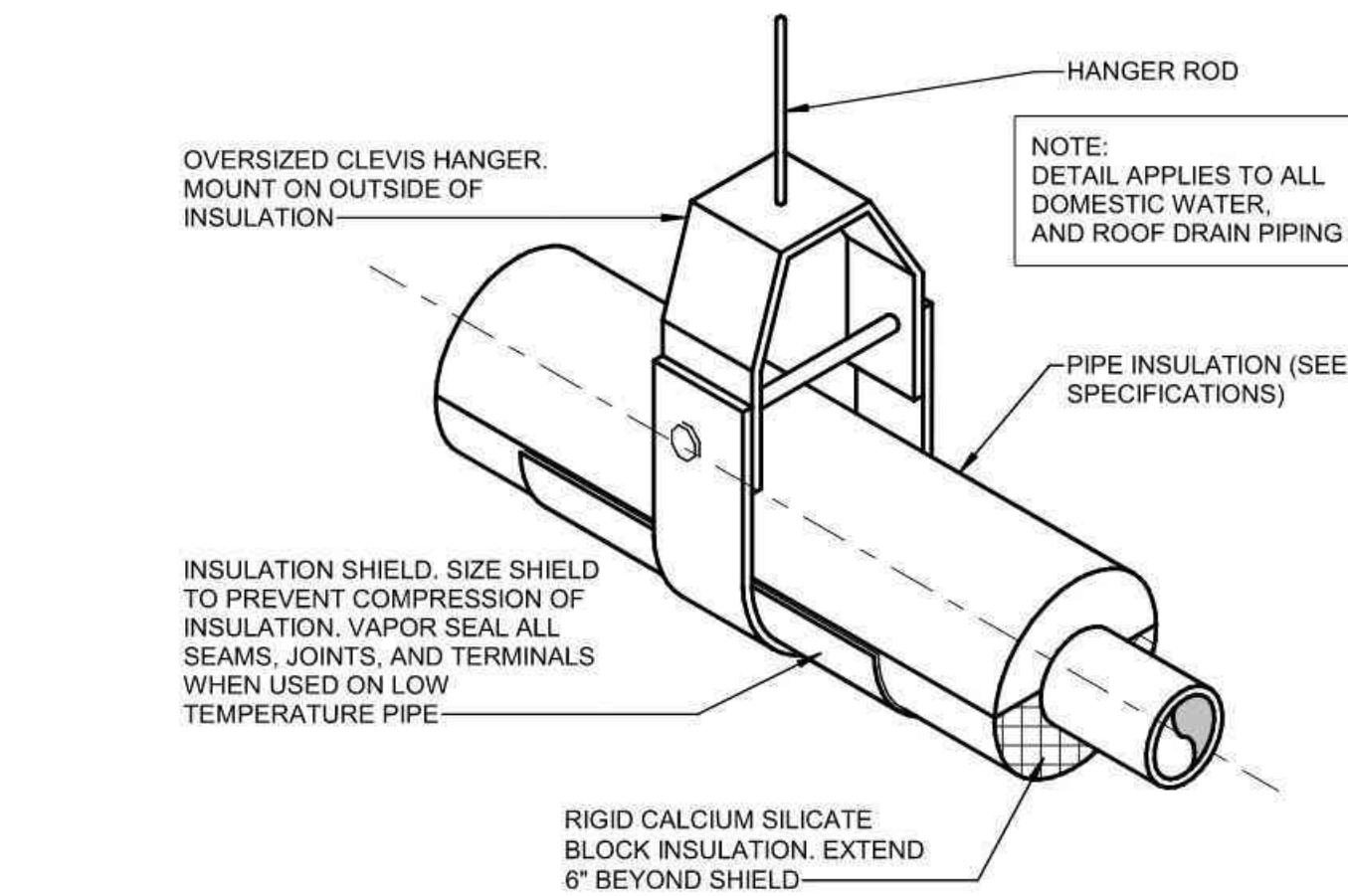
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P501

PLUMBING FIXTURE SCHEDULE							
SYMBOL	FIXTURE	WASTE	VENT	C.W.	H.W.	TEMP. W.	NOTES (1)
WC 1	WATER CLOSET	4"	2"	1"	--	--	WALL MOUNTED - SENSOR FLUSH VALVE (ADA)
L 1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	WALL MOUNTED - (ADA) WASSE TV-1
SH 1	SHOWER	--	--	1/2"	1/2"	--	(ADA)
HB 1	HOSE BIBB	--	--	3/4"	--	--	INTERIOR WALL BOX (TOILET ROOMS)
TV 1	TEMPERING VALVE	--	--	1/2"	1/2"	1/2"	SINGLE LAV. ASSE 1070 MOUNT UNDER LAVATORY
FD 1	FLOOR DRAIN	2"	1-1/2"	--	--	--	W/DEEP SEAL TRAP AND ASSE TRAP GUARD
SD 1	SHOWER DRAIN	2"	1-1/2"	--	--	--	W/DEEP SEAL TRAP AND ASSE TRAP GUARD

**NOTES:**  
(1) CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL PLUMBING FIXTURES AND DRAINS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN OR INSTALLATION.

FIXTURE	FIXTURE UNITS	TOTAL QUANTITY OF FIXTURES SERVED BY A GIVEN PIPE SIZE					
		1/2"	3/4"	1"	1 1/4"	1-1/2"	2"
WATER CLOSET	10	--	--	1	2	3	8
LAVATORY	2	1	3	5	7	15	50
HOSE BIBB	3	--	1	3	5	10	33
<b>TOTAL FIXTURE UNITS SERVED BY PIPE SIZE</b>		<b>2</b>	<b>6</b>	<b>10</b>	<b>15</b>	<b>30</b>	<b>100</b>

**NOTE:**  
MINIMUM PIPE SIZE TO ANY FIXTURE TO BE 1/2". WHERE PIPE SIZE IS SHOWN ON DRAWINGS, IT SHALL BE FOLLOWED. IN THE EVENT PIPE SIZES ARE NOT SHOWN, THE SIZE OF ANY BRANCH LINE SHALL BE DETERMINED BY USING THIS TABLE. FIND SUM OF TOTAL FIXTURE UNITS ON BRANCH LINE. THEN REDUCE TOTAL BY SUBTRACTING OFF INDIVIDUAL FIXTURE UNITS FOR EACH SUCCESSIVE FIXTURE ALONG THE BRANCH LINE.



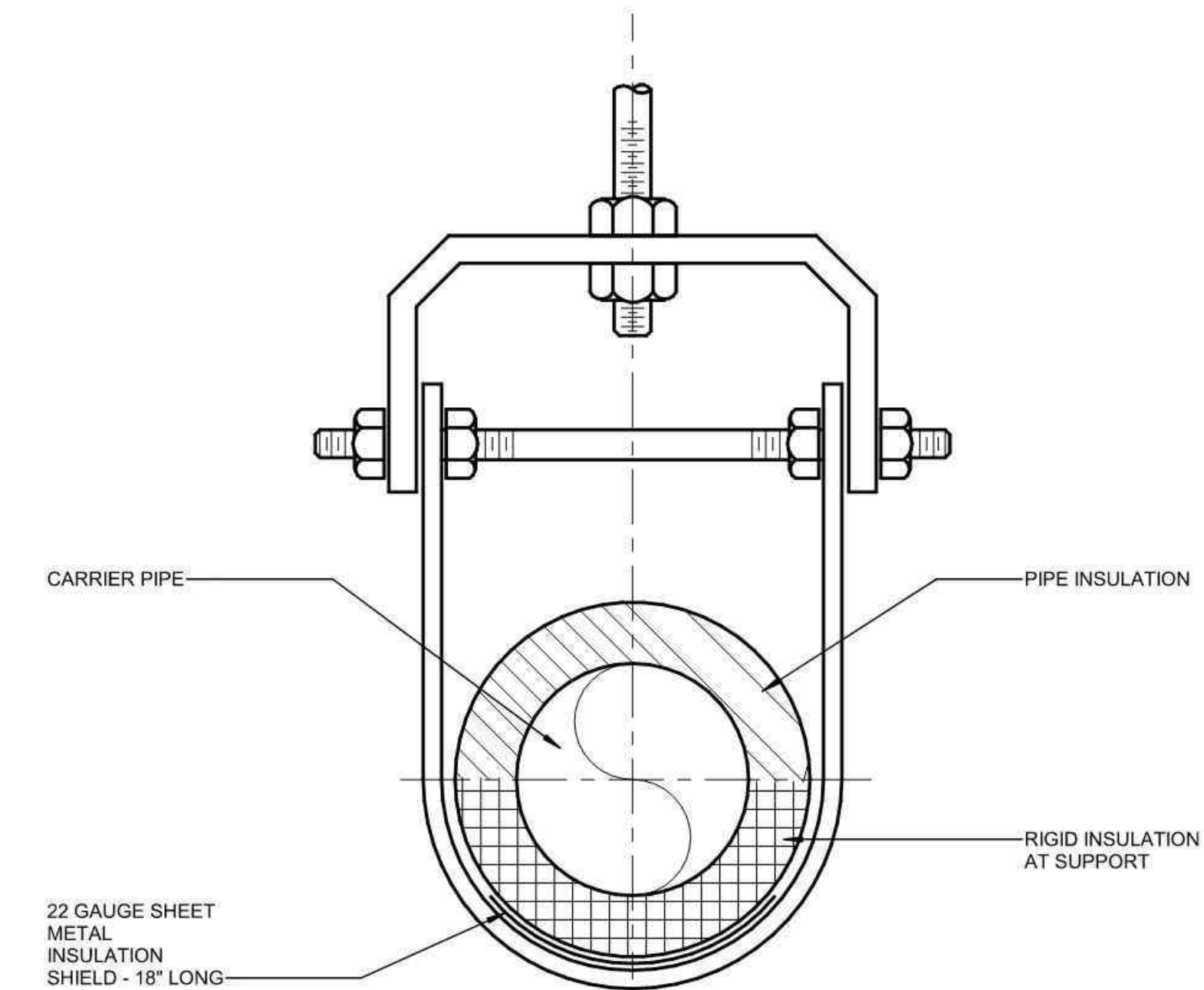
**PIPE SUPPORT DETAIL (PLUMBING)**

SCALE: NTS

2  
P501

**PLUMBING PIPING LEGEND**

DESCRIPTION	SYMBOL
WASTE (BELOW GRADE)	_____
VENT	_____
COLD WATER	_____
HOT WATER (120 DEG.F.)	_____
HOT WATER RECIRCULATING (120 DEG.F.)	_____
TEMPERED WATER	_____

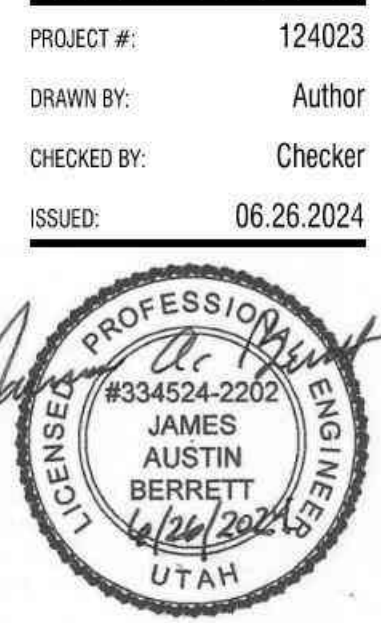


**PIPE HANGER DETAIL**

SCALE: NTS

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P501

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10/20/2024 11:14:19 AM Autodesk DWG2PDF Core - Copperview Elementary Restroom & Storage TI (10/20/24) - Copperview ES (RGT) & P501



ABBREVIATIONS INDEX			
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
#	NUMBER	MH	MANHOLE
AC	ALTERNATING CURRENT	MIC	MICROPHONE
A.F.F.	ABOVE FINISH FLOOR	MIN	MINIMUM
AIC	AMPS INTERRUPTING CAPACITY	MTG	MOUNTING
AM	AMPS METER	MTR	MOTOR
AMP	AMPERE	N/A	NOT APPLICABLE
ANN	ANNUNCIATOR	NC	NORMALLY CLOSED
ATS	AUTOMATIC TRANSFER SWITCH	NEC	NATIONAL ELECTRICAL CODE
AUX	AUXILIARY	NEMA	NATIONAL ELECT. MANUFAC. ASSOC.
AWG	AMERICAN WIRE GAUGE	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BC	BARE COPPER	N.I.C.	NOT IN CONTRACT
BFG	BELOW FINISH GRADE	NO	NORMALLY OPENED
C	CONDUIT	NTS	NOT TO SCALE
CAB	CABINET	OS & Y	OUTSIDE SCREW & YOKE
CATB	COMMUNITY ANTENNA TELEVISION	PB	PUSHBUTTON
CATV	CABLE TELEVISION	PF	POWER FACTOR
CKT	CIRCUIT	PFR	PHASE FAILURE RELAY
CLG	CEILING	PNL	PANEL
CNTR	CONTRACTOR	PT	POTENTIAL TRANSFORMER
C.O.	CONDUIT ONLY	PVC	POLYVINYL CHLORIDE CONDUIT
CRT	COMPUTER TERMINAL	(R)	RELOCATE
CT	CURRENT TRANSFORMER	RECEP	RECEPTACLE
CU	COPPER	REQ	REQUIREMENT
CW	COMPLETE WITH	RLA	RATED LOAD AMPS
DB	DECIBEL	RMP	ROCKY MOUNTAIN POWER
DC	DIRECT CURRENT	RMS	ROOT MEAN SQUARE
DWG	DRAWING	SE	SERVICE ENTRANCE
(E)	EXISTING	SPEC	SPECIFICATIONS
EC	EMPTY CONDUIT	SPKR	SPEAKER
EG	EMERGENCY GENERATOR	SS	SELECTOR SWITCH
EMT	ELECTRICAL METALLIC TUBING	SW	SWITCH
EX	EXPLOSION PROOF	SWBD	SWITCHBOARD
FACP	FIRE ALARM CONTROL PANEL	SWGR	SWITCHGEAR
FC	FOOT CANDLE	TTB	TELEPHONE TERMINAL BOARD
FT	FOOT	TTC	TELEPHONE TERMINAL CABINET
GFI	GROUND FAULT INTERRUPTER	TV	TELEVISION
GND	GROUND	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	UG	UNDERGROUND
HP	HORSE POWER	UPS	UNINTERRUPTED POWER SUPPLY
HZ	HERTZ	V	VOLT (KV-KILOVOLT)
IFC	INTERNATIONAL FIRE CODE	VAR	VOLT-AMPS/REACTIVE
IG	ISOLATED GROUND	VM	VOLT METER
IMC	INTERMEDIATE METALLIC CONDUIT	W	WATTS
IN	INCH	W/	WITH
J-BOX	JUNCTION BOX	WH	WATTHOUR METER
KV	KILOVOLT	W/O	WITHOUT
KVA	KILOVOLT AMPERES	WP	WEATHERPROOF
KVAR	KILOVARS	XFMR	TRANSFORMER
KW	KILOWATT	XFMR SW	TRANSFER SWITCH
LRA	LOCKED ROTOR AMPS	XP	EXPLOSION PROOF
LTG	LIGHTING	1P	SINGLE-PHASE
MANF	MANUFACTURER	2P	TWO-POLE
MAX	MAXIMUM	3P	THREE-POLE
MB	MAIN BUS	4P	FOUR-POLE
MCC	MOTOR CONTROL CENTER	Ø	PHASE
MCM	1000 CIRCULAR MILLS		

SHEET INDEX	
E001	ELECTRICAL SYMBOLS, SCHEDULES AND NOTES
E002	ELECTRICAL SCHEDULES
E401	ELECTRICAL DIAGRAMS
E402	ELECTRICAL DIAGRAMS
ED101	ELECTRICAL DEMOLITION PLANS
E201	LIGHTING PLANS
E301	ELECTRICAL FLOOR PLANS

### EXISTING SYSTEMS INFORMATION AND VENDOR CONTACTS (INCLUDE WITHIN BID)

<b>FIRE ALARM SYSTEM - GAMEWELL FCI</b>	<b>NELSON FIRE ALARM</b>
<b>COMPANY</b>	<b>ASHLEY NELSON &amp; TOBY TIMOTHY</b>
<b>CONTACT</b>	<b>(801)652-7991</b>
<b>CELL PHONE NO.</b>	<b>(801)468-8300</b>
<b>OFFICE PHONE NO.</b>	<b>ashley@nelsonfire.com toby@nelsonfire.com</b>
<b>EMAIL</b>	

EXTEND EXISTING FIRE ALARM INTIMATION/NOTIFICATION CIRCUITS TO ACCOMMODATE NEW FIRE ALARM DEVICES AS REQUIRED. MATCH SYSTEM WIRING. UPDATE PROGRAMMING.

### GENERAL NOTES

- CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
  - VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
  - CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC) OF ALL EQUIPMENT FURNISHED UNDER ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.
  - SEE SECTION 26 5100 OF THE SPECIFICATION FOR REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.
  - SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
  - FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
  - THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.
  - ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.
  - ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.
  - CONTRACTOR SHALL VERIFY FURNITURE LAYOUT PRIOR TO ANY FLOORBOX OR POKE-THRU INSTALLATION. COORDINATE EXACT LOCATION OF FLOOR BOX OR POKE-THRU WITH OWNER AND FURNITURE PROVIDER PRIOR TO ROUGH-IN.
  - CIRCUITS EXTENDING OVER 70' FOR 120 VOLT AND 115' FOR 277 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH CONDUCTORS PER TABLE BELOW.
- | 20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING |                        |              |  |
|--|------------------------|--------------|--|
| MAXIMUM LENGTH                                 | BRANCH CIRCUIT VOLTAGE |              |  |
| CONDUCTOR LENGTH (FT)                          | 120 VOLT               | 277 VOLT     |  |
| <70  | MIN. #12 AWG           | MIN. #12 AWG |  |
| 70 - 115                                       | MIN. #10 AWG           | MIN. #12 AWG |  |
| 115 - 170                                      | MIN. #8 AWG            | MIN. #10 AWG |  |
| 170 - 270                                      | MIN. #6 AWG            | MIN. #8 AWG  |  |
| 271 - 380                                      | NOTE B                 | MIN. #8 AWG  |  |
| >380   | NOTE B                 | NOTE B       |  |
- THESE ARE BASED ON MAXIMUM LENGTH OF CIRCUIT.
  - PERFORM VOLTAGE DROP CALCULATIONS AND PROVIDE CONDUCTOR SIZE TO KEEP BRANCH CIRCUIT VOLTAGE DROP LESS THAN 3% WITH A 15 AMP LOAD.
  - CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF EACH BRANCH CIRCUIT STAYS WITHIN 3% VOLTAGE DROP FOR A 15 AMP LOAD. IF NECESSARY, CONTRACTOR SHALL INCREASE WIRE AND CONDUIT SIZE TO MEET THE STANDARD AT NO ADDITIONAL COST TO OWNER.
- ALL CONDUIT SHALL BE INSTALLED IN STRAIGHT LINES PARALLEL TO, OR AT RIGHT ANGLES TO, THE STRUCTURE OR ADJACENT BUILDING ELEMENTS. SEPARATIONS BETWEEN CONDUITS AND FASTENINGS OF CONDUITS SHALL BE NEAT AND CONSISTENT. CONDUIT SHALL BE INSTALLED AS TIGHT TO THE BOTTOM OF STRUCTURAL ELEMENTS WHEN PARALLEL TO JOISTS AS CODE WILL ALLOW. OVERALL INSTALLATION SHALL BE ACCOMPLISHED IN AN AESTHETIC AND WORKMANLIKE MANNER. NO CONDUITS SHALL BE ALLOWED TO RUN PERPENDICULAR TO THE BOTTOM CHORD OF THE JOISTS.
  - DIVISION 26 SHALL VISIT SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. FIELD VERIFY ALL ELECTRICAL EQUIPMENT.
  - BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTION AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK THEY WILL CONTRACT TO PERFORM.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE PROJECT PHASING WITH GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO GENERAL CONTRACTOR EXPECTATIONS.
  - COORDINATE ELECTRICAL DEMOLITION WITH ARCHITECTURAL DRAWINGS AND GENERAL CONTRACTOR.
  - CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH HEAD CUSTODIAN AND OWNER.
  - WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OF INSTALLATION OR NATURE OF WORK REQUIRED, THE CONTRACTOR WILL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE OWNER.
  - SEQUENCE, COORDINATE, AND INTEGRATE INSTALLATIONS OF ELECTRICAL MATERIALS AND EQUIPMENT FOR EFFICIENT FLOW OF THE WORK. GIVE PARTICULAR ATTENTION TO LARGE EQUIPMENT REQUIRING POSITIONING PRIOR TO CLOSING-IN THE BUILDING. COORDINATE THE CUTTING AND PATCHING OF BUILDING COMPONENTS TO ACCOMMODATE INSTALLATION OF ELECTRICAL EQUIPMENT AND MATERIALS.
  - DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
  - DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.
  - CONTRACTOR MUST CONCEAL ALL RACEWAY THROUGHOUT THE PROJECT. SURFACE MOUNT RACEWAY IS UNACCEPTABLE EXCEPT WHERE THE USE OF PAINTED SURFACE METAL RACEWAYS (EMT) IS APPROVED SOLELY BY THE ARCHITECT. PAINT TO MATCH SURROUNDING SURFACE.
  - ALL CONCRETE CUT AND PATCH WORK REQUIRED FOR FLOOR BOXES INSTALLATION AND/OR RELOCATION OF ELECTRICAL DEVICES AND PANELS THAT REQUIRE WORK WITHIN THE FLOORS SHALL BE DONE BY ELECTRICAL CONTRACTOR. ALL CORE CUTTING FOR NEW SERVICE SHALL ALSO BE COVERED UNDER ELECTRICAL CONTRACTORS REQUIRED WORK.
  - CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE OF ALL WASTE, SURPLUS MATERIALS, RUBBISH OR DEBRIS WHICH IS CAUSED BY HIS EMPLOYEES OR RESULTING FROM HIS WORK. AFTER ALL EQUIPMENT AND DEVICES HAVE BEEN INSTALLED, REMOVE ALL LABELS, STICKERS, STAINS, TEMPORARY COVERS, ETC. IDENTIFICATION PLATES ON ALL EQUIPMENT.
  - IT IS THE INTENT THAT THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR.
  - CAREFULLY REVIEW THE ENTIRE DRAWING PACKAGE PRIOR TO PROVIDING BID, INCLUDING THE ARCHITECTURAL AND MECHANICAL DRAWINGS. NOT REVIEWING THE ENTIRE SET IS NOT ACCEPTABLE.
  - PROVIDE CONDUIT FROM DEVICE TO DEVICE IN OPEN AND/OR EXPOSED CEILINGS. CEILINGS WITH CLOUDS ARE CONSIDERED OPEN/EXPOSED CEILING. NO EXPOSED CABLES SHALL BE SEEN FROM BELOW.
  - PROVIDE WEATHERPROOF, NEMA 3R RATED EQUIPMENT FOR ALL EXTERIOR APPLICATIONS.

### DEMOLITION NOTES

- COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 26 (16).
- RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE METAL RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.
- LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC. TO WORKING CONDITION.
- EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE.
- REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.
- REMOVE EXISTING LIGHT FIXTURES WHICH ARE NOT TO BE REUSED, PLACE IN CARTON, LABEL APPROPRIATELY, AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.
- DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
- DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.

### SYMBOL LEGEND

GENERAL		MOUNTING HEIGHT		NOTES	
—	ONE CIRCUIT, HOME RUN TO PANEL				
—	2 CIRCUIT, HOME RUN TO PANEL				
—	3 CIRCUIT, HOME RUN TO PANEL				
—	CONDUIT RUN CONCEALED IN WALL OR CEILING				
—	CONDUIT RUN CONCEALED IN FLOOR OR GROUND				
—	CONDUIT UP				
—	CONDUIT DOWN				
—	CONDUIT STUB LOCATION	CAP			
—	CONDUIT / CIRCUIT CONTINUATION				
MULTIPLE SYSTEM SYMBOLS ALL RECEPTACLES SHALL BE TAMPER RESISTANT					
Ⓡ	RECEPTACLE SWITCH PACK	ABOVE CEILING			
Ⓡ	DUPLEX RECEPTACLE	UPPER OUTLET SWITCH CONTROLLED	+18" OR AS NOTED	2.9.	
Ⓡ	SIMPLEX RECEPTACLE		+18" OR AS NOTED	2.9.	
Ⓡ	DUPLEX RECEPTACLE		+18" OR AS NOTED	2.9. 11.	
Ⓡ	DUPLEX RECEPTACLE			9.	
Ⓡ	5MA GFCI CIRCUIT BREAKER PROTECTED RECEPTACLE			13.	
Ⓡ	WEATHERPROOF RECEPTACLE		+24" OR AS NOTED	2.9.	
Ⓡ	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE		+18" OR AS NOTED	2.9.	
Ⓡ	DUPLEX RECEPTACLE EMERGENCY POWER (RED)		+18" OR AS NOTED	2.9. 11.	
Ⓡ	FOURPLEX RECEPTACLE		+18" OR AS NOTED	2.9. 11.	
Ⓡ	GROUND FAULT INTERRUPTER FOURPLEX RECEPT		+18" OR AS NOTED	2.9.	
LIGHTING					
Ⓡ	CEILING LIGHT FIXTURE	CEILING		1.	
Ⓡ	WALL LIGHT FIXTURE		AS NOTED	1.	
Ⓡ	RECESSED DOWNLIGHT FIXTURE	CEILING		1.	
Ⓡ	RECESSED WALL-WASH DOWNLIGHT FIXTURE	CEILING		1.	
Ⓡ	LIGHT FIXTURE		AS NOTED	1.	
Ⓡ	EGRESS LIGHT FIXTURE		AS NOTED	1.	
Ⓡ	CEILING / WALL MOUNTED EXIT LIGHT		CEILING/ AS NOTED	1. 3. 8.	
Ⓡ	EMERGENCY LIGHT FIXTURE		AS NOTED	1.	
Ⓡ	COMBO EXIT / EMERGENCY LIGHT FIXTURE		AS NOTED	1.	
Ⓡ	TIME CLOCK		+60"	2.	
POWER					
Ⓡ	PLUGMOLD		+48" OR AS NOTED	2. SEE SPEC.	
Ⓡ	FLAT PANEL DISPLAY WALL BOX TVSS RECEPT., DATA AND OTHER DEVICES. REFER TO DIAGRAMS		AS NOTED	SEE DIAGRAM, SPEC. 26-2726	
Ⓡ	CEILING PROJECTION SYSTEM CEILING BOX		ABOVE CEILING	SEE DIAGRAM, SPEC.	
Ⓡ	DOORBELL CHIME		+90"	2.	
Ⓡ	FLOOR BOX - SEE SCHEDULE		FLOOR	SEE DIAGRAM, SPEC.	
Ⓡ	POKE THRU - SEE SCHEDULE		FLOOR	SEE DIAGRAM, SPEC.	
Ⓡ	PANELBOARD				
Ⓡ	MAIN DISTRIBUTION PANEL				
Ⓡ	TELEPHONE DEMARICATION BOARD				
Ⓡ	EQUIPMENT CEILING RACK	CEILING			
Ⓡ	EQUIPMENT 4-POST RACK / CABINET		AS NOTED	18. SEE SPEC.	
Ⓡ	EQUIPMENT 2-POST RACK		AS NOTED	18. SEE SPEC.	
Ⓡ	UTILITY METER / CT CABINET		+72"	6.	
FIRE ALARM					
Ⓡ	SMOKE DETECTOR	CEILING			
Ⓡ	SMOKE/CARBON MONOXIDE DETECTOR	CEILING			
Ⓡ	CARBON MONOXIDE DETECTOR	CEILING			
Ⓡ	HEAT DETECTOR	CEILING			
Ⓡ	DUCT SMOKE DETECTOR		MTD. IN DUCT		
COLOR LEGEND					
Ⓡ	LIGHTING FIXTURES	Ⓡ	POWER DEVICES	Ⓡ	AUDIOVISUAL
Ⓡ	LIGHTING DEVICES	Ⓡ	TELECOMMUNICATIONS	Ⓡ	SECURITY
Ⓡ	POWER EQUIPMENT	Ⓡ	FIRE ALARM		
Ⓡ	CABLE TRAY	Ⓡ	CONDUIT		

MARK	DATE	DESCRIPTION
PROJECT #:	124023	
DRAWN BY:	BNA	
CHECKED BY:	BNA	
ISSUED:	06.26.2024	





# LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ABBREVIATION SCHEDULE		PROJECT MANAGER: ERIC SKINKIS	
A F F	ABOVE FINISH FLOOR	SCBA	STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT
WALL@CLG	WALL MOUNT AT CORNER OF WALL AND CEILING	CFBA	CUSTOM FINISH AS SELECTED BY THE ARCHITECT
CCBA	CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT	SFBA	STANDARD FINISH AS SELECTED BY THE ARCHITECT

- LIGHT FIXTURE GENERAL NOTES
1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.
  2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
  3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.
  4. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.
  5. REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH.
  6. REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING SUBMITTALS.
  7. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.
  8. PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING THE PROJECT AND SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE REJECTED.
  9. REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16551).
  10. VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM IE; ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER WILL NOT BE ALLOWED, REVIEWED OR APPROVED.

Type	DESCRIPTION	MFR.	CATALOG #	VOLTS	TOTAL WATTS	LAMP TYPE	DELIVERED LUMENS	COLOR TEMP	CRI	Comments
A45	2'X4' HIGH EFFICIENT LED ARCHITECTURALLY STYLED RECESSED LUMINAIRE; RIBBED FROSTED CENTER LENS; LOW PROFILE BODY; EASY ACCESS TO COMPONENTS; INCLUDE TRIM RING TO MATCH INTEGRAL SENSOR FIXTURES 203,000 HOUR (L70); 0-10 DIMMING; 1% DIMMING; 5 YR. WARRANTY, DLC PREMIUM LISTED	METALUX	CRUZE	277 V	36 VA	4500 LUMEN LED, 4000K CCT, 80+ CRI	5,700	3200 K		
C4F	1'X4' LED ARCHITECTURALLY STYLED RECESSED LUMINAIRE; RIBBED FROSTED CENTER LENS; LOW PROFILE BODY; EASY ACCESS TO COMPONENTS; 203,000 HOUR (L70); 0-10 DIMMING; 5 YR. WARRANTY; DRYWALL FLANGE KIT	METALUX	14CZ-LD4-44-UNV-L840-CD1-UJ-DF-14-W	277 V	35 VA	4400 LUMEN LED, 4000K CCT, 80+ CRI	2,850	3200 K		
S7R	7" ROUND SURFACE MOUNTED LED LUMINAIRE; LOW-PROFILE; MOUNTS IN STANDARD 4" DEEP OCTAGONAL JUNCTION BOX; PROVIDE JUNCTION BOX/HOUSING AS REQUIRED; 50,000 HOUR (L70); 5 YR WARRANTY; 0-10 DIMMING, WET RATED	LIGHTOLIER	S7R-8-40K-10-SCBA-210U	277 V	14 VA	1000 LUMEN LED, 4000K CCT, 80+ CRI	1,380	3200 K		

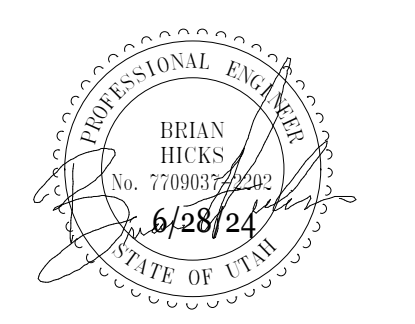
**design west architects**  
 LOGAN UT 84321  
 SALT LAKE CITY UT 84103  
 265 SOUTH 300 WEST  
 795 NORTH 400 WEST

**BNA CONSULTING**  
 4225 Lake Park Blvd, Suite 219  
 West Valley City, UT 84116  
 P: 801.532.2196  
 F: 801.532.2305  
 www.bnaconsulting.com

**COPPERVIEW ELEMENTARY  
 RESTROOM & STORAGE TI**  
 8449 MONROE ST, MIDVALE, UT 84047  
 CANYONS SCHOOL DISTRICT

MARK	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
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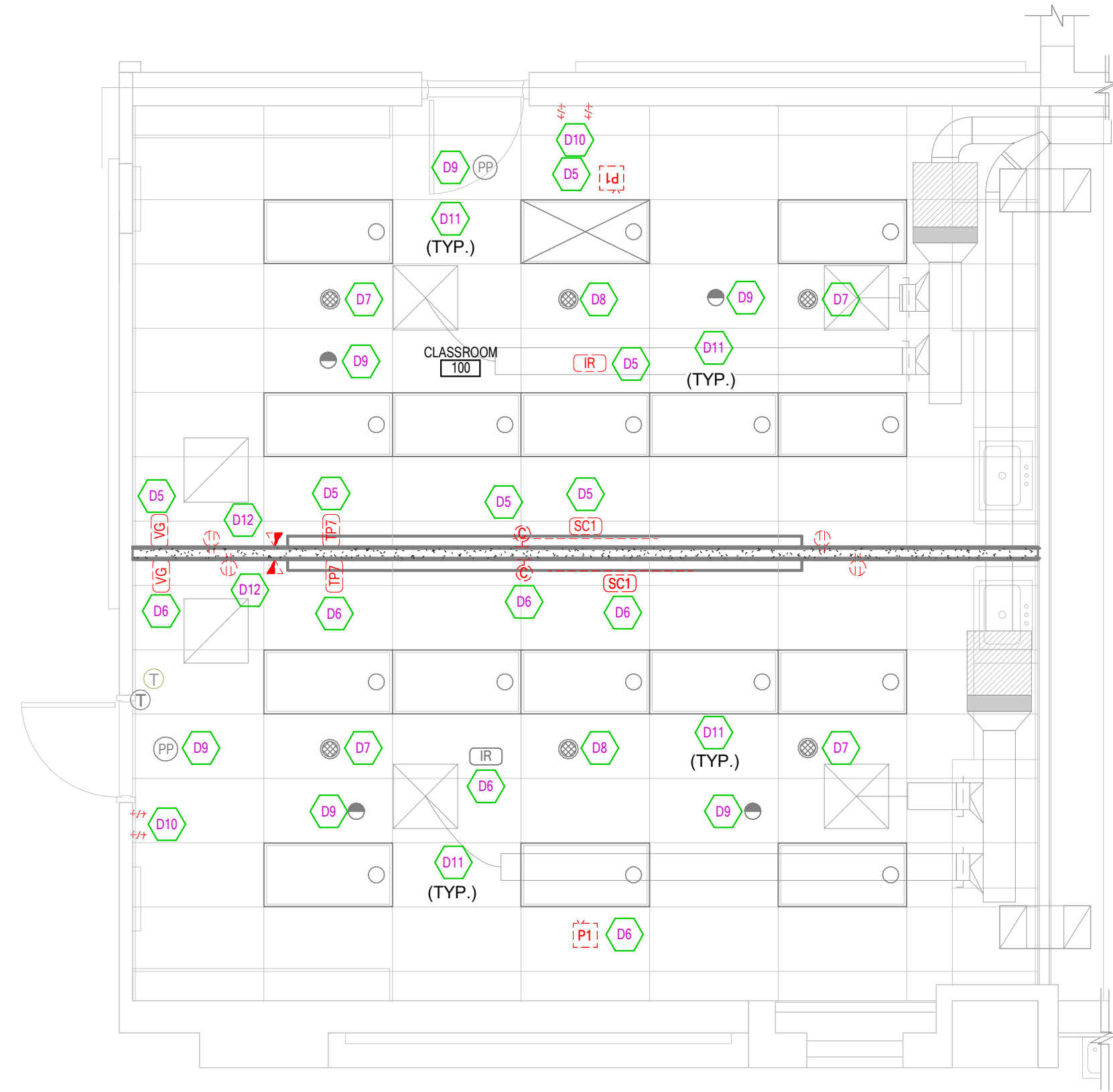
PROJECT #: 124023  
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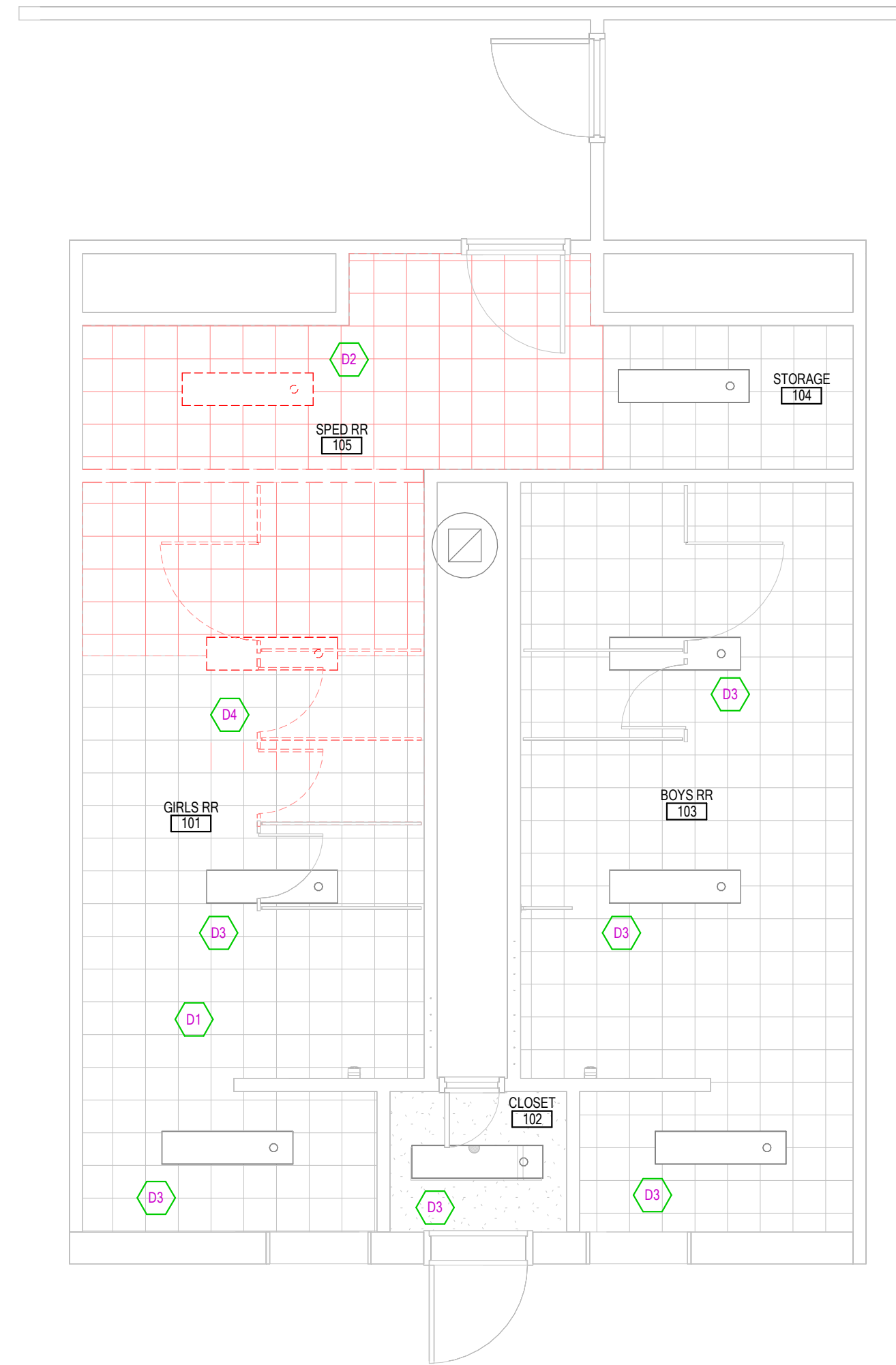
**CONSTRUCTION DOCUMENTS**

ELECTRICAL SCHEDULES  
**E002**

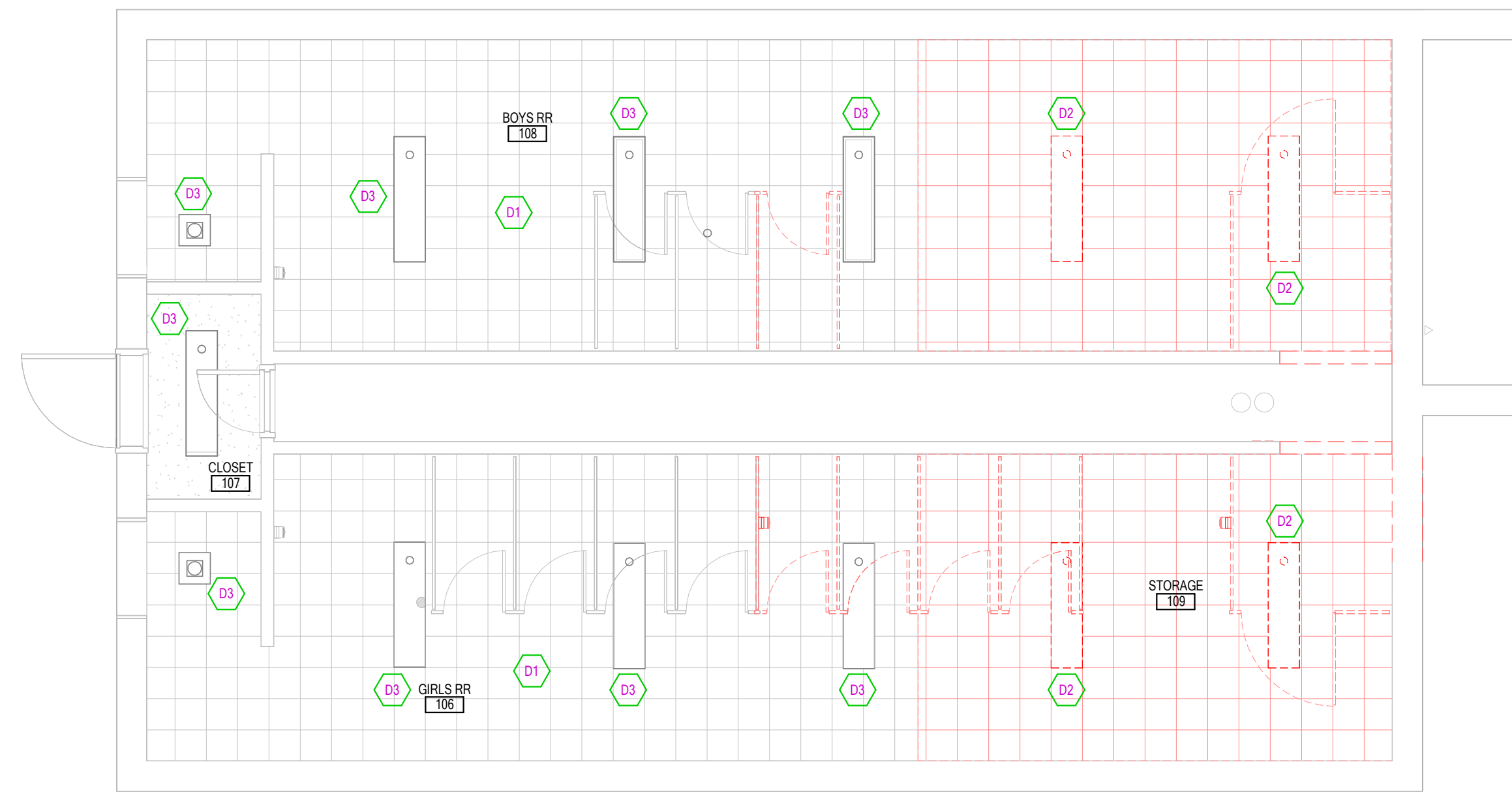




**3 CLASSROOM DEMOLITION PLAN**  
SCALE = 1/4" = 1'-0"



**1 RESTROOM 1 DEMOLITION PLAN**  
SCALE = 1/4" = 1'-0"



**2 RESTROOM 2 DEMOLITION PLAN**  
SCALE = 1/4" = 1'-0"

**SHEET KEYNOTES**

- D1 NO ANTICIPATED CONSTRUCTION IN AREA, UNLESS OTHERWISE NOTED, PROTECT EXISTING ELECTRICAL APPARATUS AND ELECTRIFIED EQUIPMENT FOR EXISTING FACILITIES AS REQUIRED. RELOCATE, REWIRE, AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- D2 EXISTING LIGHT FIXTURE TO BE REMOVED. VERIFY EXISTING CIRCUITING CONDITIONS AND MAINTAIN CIRCUIT INTEGRITY FOR NEWLY PLACED FIXTURES.
- D3 EXISTING FIXTURE TO REMAIN. PROTECT FIXTURE AND EXISTING CIRCUITRY IN PLACE.
- D4 EXISTING FIXTURE TO BE RELOCATED. REFER TO LIGHTING SHEET FOR RELOCATED FIXTURE. PROVIDE ALL PATCHING, REPAIR, AND REWORK AS REQUIRED.
- D5 EXISTING AV DEVICE AND AV CABLING TO BE REMOVED COMPLETELY AND RETURNED TO OWNER.
- D6 EXISTING AV DEVICE TO BE RELOCATED AND REINSTALLED IN NEW LOCATION. REFER TO NEW ELECTRICAL PLANS FOR NEW LOCATION OF DEVICE. RE-USE EXISTING CABLING AND EXTEND TO NEW LOCATION AS REQUIRED. CONTRACTOR RESPONSIBLE FOR PROVIDING ADDITIONAL SUPPORTING FOR CABLING ABOVE CEILING WHERE EXISTING CABLING IS RE-ROUTED TO NEW LOCATIONS.
- D7 EXISTING SPEAKER TO REMAIN AND BE REWORKED. CONTRACTOR TO REVISE WIRING SO SPEAKERS IN THE PREVIOUSLY DIVIDED ROOMS ARE WIRED TOGETHER INTO ONE, COMBINED ROOM.
- D8 EXISTING INTERCOM SPEAKER TO REMAIN AND BE REWORKED. CONTRACTOR TO REVISE WIRING SO INTERCOM SPEAKERS IN THE PREVIOUSLY DIVIDED ROOMS ARE WIRED TOGETHER INTO ONE, COMBINED ROOM.
- D9 EXISTING LIGHTING CONTROL SYSTEM TO REMAIN AND BE REWORKED. CONTRACTOR TO REWORK WIRING SO ALL OCCUPANCY SENSORS OF THE PREVIOUSLY DIVIDED ROOMS OPERATE TOGETHER AS A SINGLE SPACE.
- D10 EXISTING LIGHT SWITCHES TO BE REWIRED/REPLACED WITH 3 WAY SWITCHING. REFER TO NEW LIGHTING PLANS FOR NEW CONTROL SCHEME.
- D11 EXISTING LIGHT FIXTURES TO REMAIN AND BE REWORKED TO NEW SWITCHING SCHEME AS INDICATED ON NEW LIGHTING PLANS. REWORK EXISTING CIRCUITS TO NEW SWITCHING SCHEME.
- D12 EXISTING POWER AND DATA TO BE RELOCATED. CONTRACTOR TO REWORK AND REUSE EXISTING CABLING TO EXTEND DATA AND POWER TO NEW LOCATIONS.

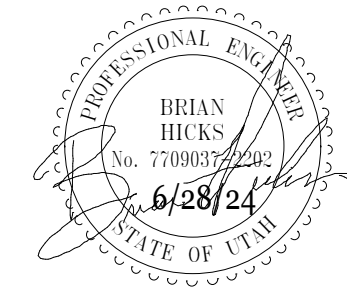
**DEMOLITION NOTES**

1. COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 26 (16).
2. RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
3. CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE METAL RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.
4. LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC. TO WORKING CONDITION.
5. EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE.
6. REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.
7. REMOVE EXISTING LIGHT FIXTURES WHICH ARE NOT TO BE REUSED. PLACE IN CARTON, LABEL APPROPRIATELY, AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.
8. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
9. DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.
10. FIELD VERIFY THE CONDITION OF ALL DEVICES NOT INDICATED TO BE DEMOLISHED. DEVICES TO BE PROTECTED IN PLACE AS NECESSARY. PROVIDE NEW COVERPLATES/DEVICES AS NEEDED.
11. COORDINATE THE DEMOLITION, PATCH AND REPAIR OF CEILING FOR ALL LIGHTING AND ELECTRICAL APPARATUS IN ALL AREAS. DISCONNECT AND RE-CONNECT AS REQUIRED TO MAINTAIN ALL SYSTEMS.
12. DIVISION 26 SHALL CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNERS. FIXTURE LOCATIONS DIAGMATICALLY SHOWN ON THE DRAWINGS. EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CIRCUITING, AND/OR CONDUITS ARE INTENDED TO REMAIN IN SERVICE AND ONLY SHOWN WHEN INTENDED TO BE UTILIZED IN NEW INSTALLATIONS. FINAL ROUTING OF THE CONDUITS, CIRCUITING AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR AND CLOSELY COORDINATED WITH OWNER ALL EXISTING CONDITIONS MUST VERIFIED WITHOUT EXCEPTION.
13. CONTRACTOR IS TO PROTECT IN PLACE ALL MECHANICAL, PLUMBING, ELECTRICAL ABOVE CEILINGS, NOT SHOWN TO BE REMOVED ARE TO BE INCLUDED BUT NOT BE LIMITED TO: NETWORK CABLING, COAX CABLING, CONDUITS, PIPING, DUCTWORK, ETC.
14. COORDINATE WITH ENTIRE DEMOLITION DOCUMENTS. CONTRACTOR TO VERIFY THAT ALL EXISTING EQUIPMENT, THAT IS TO REMAIN, BE REMOVED AND RE-INSTALLED AND ARE IN WORKING CONDITIONS. CONTRACTOR IS TO PROVIDE OWNER WRITTEN DOCUMENTATION OF ANY NOT IN WORKING CONDITION PRIOR TO COMMENCING WORK IN AN AREA.
15. PROVIDE BLANK COVERPLATE ON ALL EXISTING BOXES LOCATED IN MASONRY THAT ARE NOT BEING RE-USED. PROVIDE BLANK COVERPLATE ON ALL UNUSED BOXES.

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION

PROJECT #: 124023  
DRAWN BY: BNA  
CHECKED BY: BNA  
ISSUED: 06.26.2024



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