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ARCHITECTS

ADDENDUM NUMBER TWO

DATE OF ISSUANCE:	March 19, 2021	PROJECT NUMBER:	20029
PROJECT:	SLCC Testing Center Remodel	ARCHITECT:	JRCA Architects, Inc. 577 South 200 East Salt Lake City, Utah 84111
OWNER:	SLCC 4600 Redwood Rd, Salt Lake City, UT 84123		

Incorporate the following revisions to the Specifications, Drawings and other Contract Documents of the above named project. General Items are not referenced. Revisions to the Specifications are referenced by section, page number, and paragraph number. Revisions to the Drawings are referenced by drawing sheet number. This addendum forms part of the Construction Documents.

The end of this Addendum is indicated by the note "END OF ADDENDUM". Attachments are located at the end of the Addendum and are referenced in the Addendum.

General Items:

<u>Item No.</u>	<u>Section or Sheet No.</u>	<u>Description</u>
AD2-1		Page GI 112 Code Analysis: There are two key notes on this page. Both note to verify existing conditions only and notify the architect of those conditions. No work is involved is that correct? Correct. No work is scheduled to be done by contractor in regards to Key Notes 01.16 and 01.17 on Sheet GI112.
AD2-2		GI 121: dates Jan thru May. What would it take to be able to start a little earlier if needed for noisy situations? See General Note 1 on GI121 requiring the need to coordinate with authorized library representative prior to commencement of work.
AD2-3		AE101 LL Floor plan, Note 01.18 and 01.19: Contractor to verify drinking fountain and restrooms are compliant with current codes. Just curious but wouldn't the code inspector for this project be the best source to verify and confirm compliance with the code. They are the code experts and the authority on compliance? See revised Key Notes.
AD2-4		AE121 Finish plan. Wood base has no information. No species, finish, profile, etc. there is a note to match existing in adjacent spaces. Can a species and profile be provided for bidding purposes? Information received from Salt Lake Community College staff indicates that the species is Oak. Approximate size is 3" x 3/4", contractor to field verify base size to ensure it matches existing.
AD2-5		AE161 LL RCP. No ceiling is called out in the storage room 007. Is this open to structure? See revisions to AE161 for the ceiling in the storage room.

- AD2-6 AE401 C1 & C2 details call out solid surface countertop and show an coved back splash but the specifications only talk about solid surface material not quartz but the product selected on page AE401 SS-1 Is Wilsonart Upper WolfJaw Q4038 which is a quartz. Integral/coved back splashes can't be done with quartz. Please clarify. **See revised details on AE401.**
- AD2-7 AE511 Wall Types. Wall types have a note that they are fire walls were noted on the plans. In reviewing the plans it does not seem that any fire rated walls are called out. Please clarify that this is accurate. **See revisions to AE511.**
- AD2-8 AD601 Door & Frame types. Notes that all the hollow metal door frames are to be factory finished. This is highly uncommon, and has a very long lead time and is expensive. Please confirm this is the desired product. **See revised Frame Finish Schedule on AE601.**

Drawing Items:

<u>Item No.</u>	<u>Section or Sheet No.</u>	<u>Description</u>
AD2-9	GI111	Added Key Note Legend.
AD2-10	GI112	Revisions to Key Notes.
AD2-11	DP161	Added clarification to ceiling demolition in Room 007.
AD2-12	AE101	See revised Key Notes.
AD2-13	AE161	Revisions to the ceiling in Room 007.
AD2-14	AE401	Revised casework section.
AD2-15	AE511	Revised Wall Types.
AD2-16	AE601	Revised Frame Finish Schedule.

Structural Items:

<u>Item No.</u>	<u>Section or Sheet No.</u>	<u>Description</u>
AD2-17		Structural Addendum Two.

Mechanical Items:

<u>Item No.</u>	<u>Section or Sheet No.</u>	<u>Description</u>
AD2-18		Mechanical Addendum Two.

Electrical Items:

<u>Item No.</u>	<u>Section or Sheet No.</u>	<u>Description</u>
AD2-19		Electrical Addendum Two.

END OF ADDENDUM TWO

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CODE ANALYSIS

Project: SLCC Testing Center
 Project Address: 4600 South Redwood Rd, Taylorsville, UT 84123
 Municipality/Jurisdiction: SLCC
 Owner: SLCC

Applicable Codes:
 2018 International Building Code
 2018 International Existing Building Code
 2018 International Energy Conservation Code
 2018 International Plumbing Code
 2018 International Mechanical Code
 2017 National Electric Code
 NFPA 101 (Current Edition)
 ANSI/ASHRAE 55-2010
 ANSI/ASHRAE 62.1-2015

Construction Type (circle):
 I-A I-B I-A (EB) III-A III-B IV-A IV-B V-A V-B

IEBC Alteration Level:
 Effected Area of Alteration: 9,015 sf
 Existing Floor Footprint: 20,019 sf
 9,015 sf / 20,019 sf = 45%
 Level 2 Alteration

Occupancy Group(s): B, A-3
 Mixed Use (circle): YES NO

Section 503 - Allowable Height and Area:
 Allowable Height of Building as per IBC Table 504.3: FEET - 55, STORIES - 3
 Allowable Area per Story as per IBC Table 503:
 Type I-B
 B: 69,000
 A-3 (3): 28,500
 Total Allowable Area = 28,500 SF per Story
 Actual Height of Building: FEET - 36, STORIES - 2
 Lower Level Gross Area = 20,019 SF
 Entire building is equipped with automatic fire suppression system: YES

Section 508 - Building Area Modification:
 Non-Separated Occupancies as per IBC 508.3 (circle): YES NO
 Separated Occupancies as per IBC 508.4 (circle): YES NO

Chapter 6 - Fire Resistance Rated Construction:
 Table 601 - Type I-B does not require fire resistance for building elements.

Chapter 7 - Fire and Smoke Protection:
 Section 707 - Fire barriers required for separated uses per Table 508.4
 Section 707.6 - Openings shall be protected per Section 716
 Section 707.7 - Penetrations shall comply with Section 714

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Design Occupant Load as per IBC Table 1004.1.2:
 A-3: 293 Occupants
 B: 55 Occupants
 Total: 348 Occupants

Egress Width:
 Required Egress Width as per IBC 1005.3, 1007 Total
 Actual Egress Width Provided: 142' Total

IBC 609:
 Assumed Existing Occupant Load: 315 Occupants
 Design Occupant Load: 348 Occupants
 20% Occupant Increase = 63 Occupants
 Actual Occupant Load Increase = 33 Occupants
 Alterations to Plumbing Fixture Count Not Required

Plumbing Fixtures (Table 2902.1)
 Existing Male Fixtures = 4 Fixtures
 Existing Female Fixtures = 4 Fixtures
 Existing Lavatories = 8
 Existing Drinking Fountains = 2
 Existing Service Sinks = 1

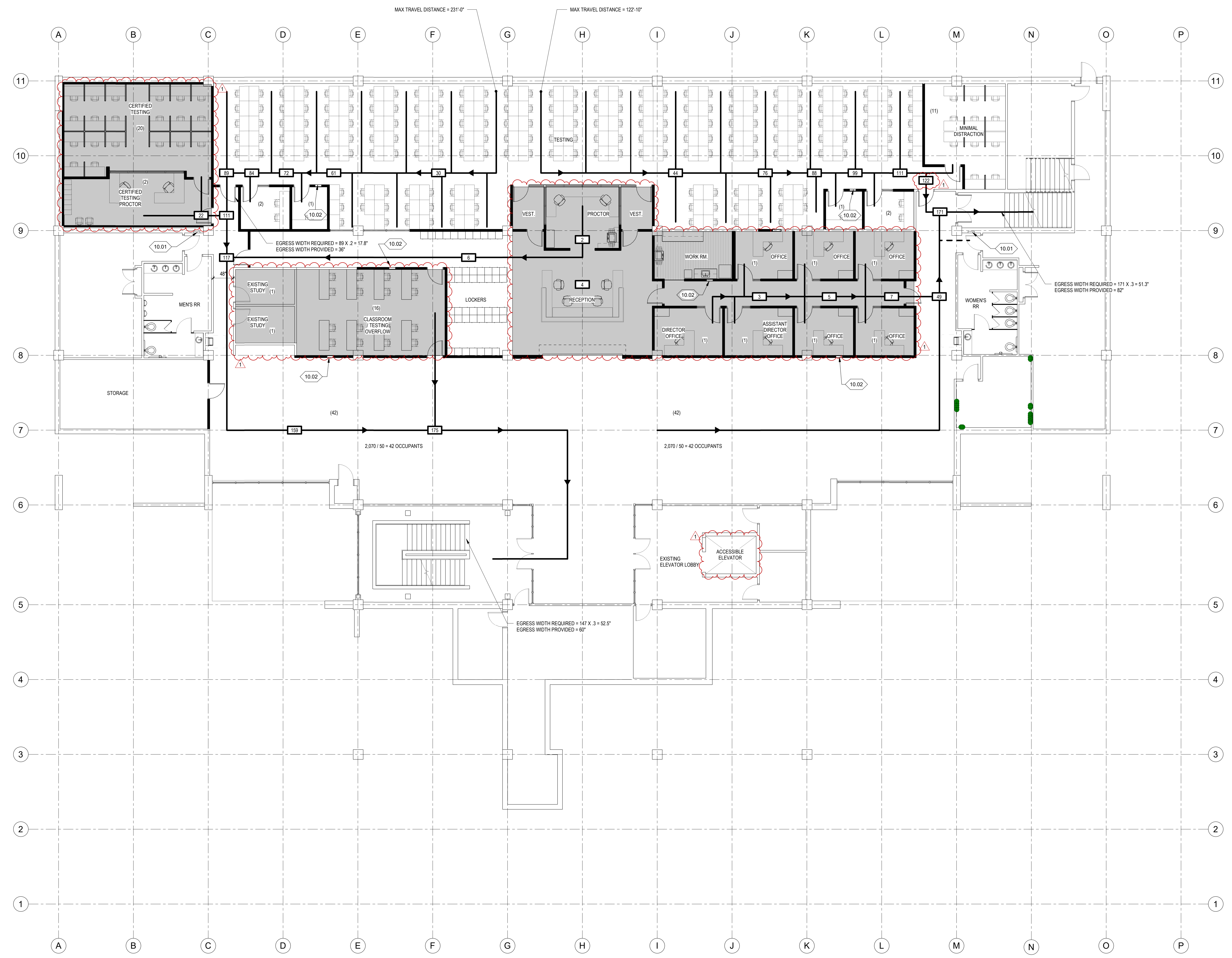
Exit Access Travel Distance (Table 1016.2)
 A-3: 250'

Corridor Width (Table 1003.2)
 Required minimum: 44 inches
 Actual minimum: 48 inches

AREA DENOTES 'B' OCCUPANCY

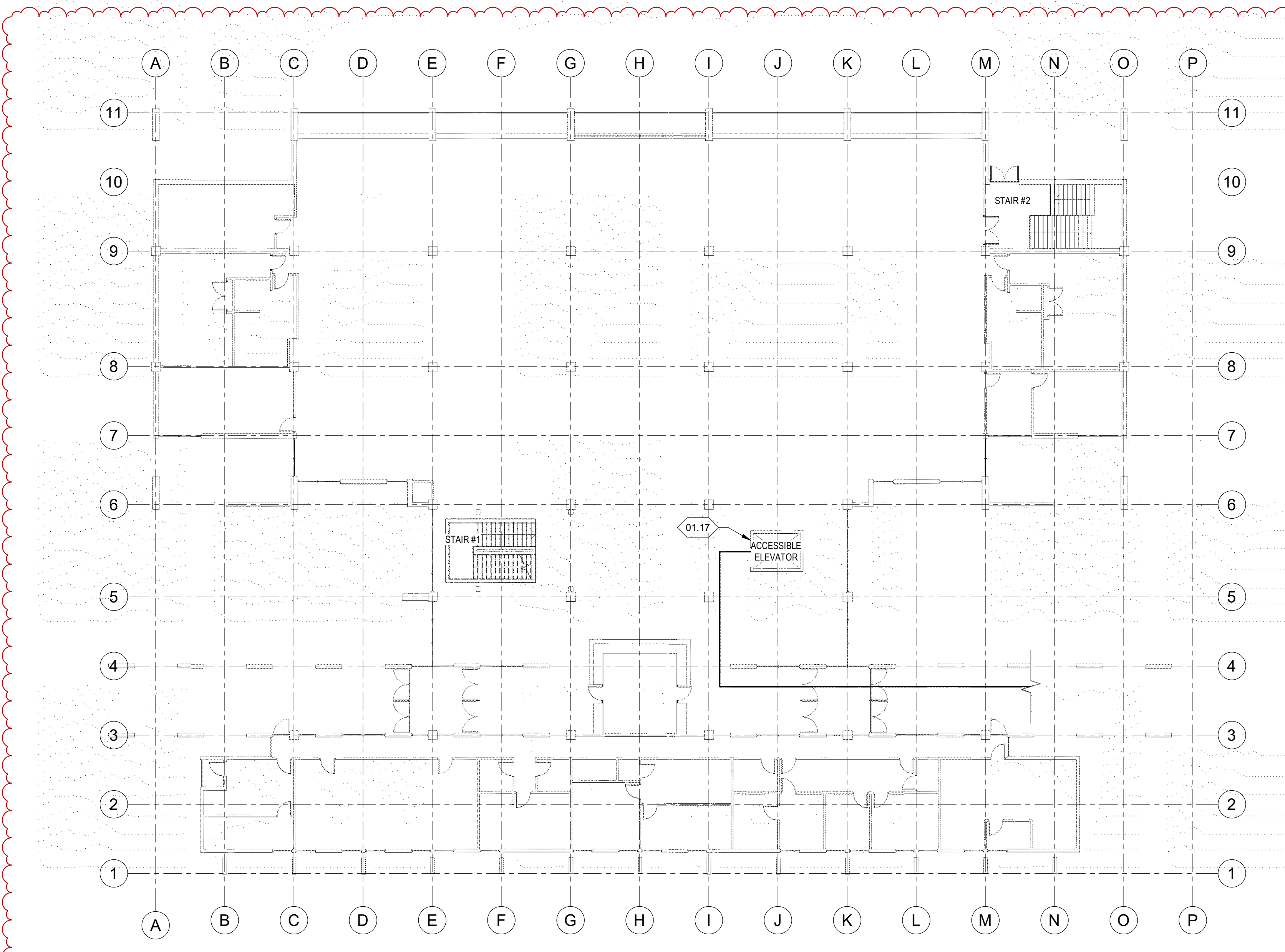
KEY NOTES:

10.01 EXISTING RECESSED FIRE EXTINGUISHER AND FIRE EXTINGUISHER CABINET.
 10.02 NEW RECESSED FIRE EXTINGUISHER AND FIRE EXTINGUISHER CABINET.



BID DOCUMENT SET	
DATE	REVISION
02/17/2021	
1 02/25/21	Revision 1
3 03/19/21	Addendum 2

DATE	REVISION
02/05/21	Revision 1
03/19/21	Addendum 2

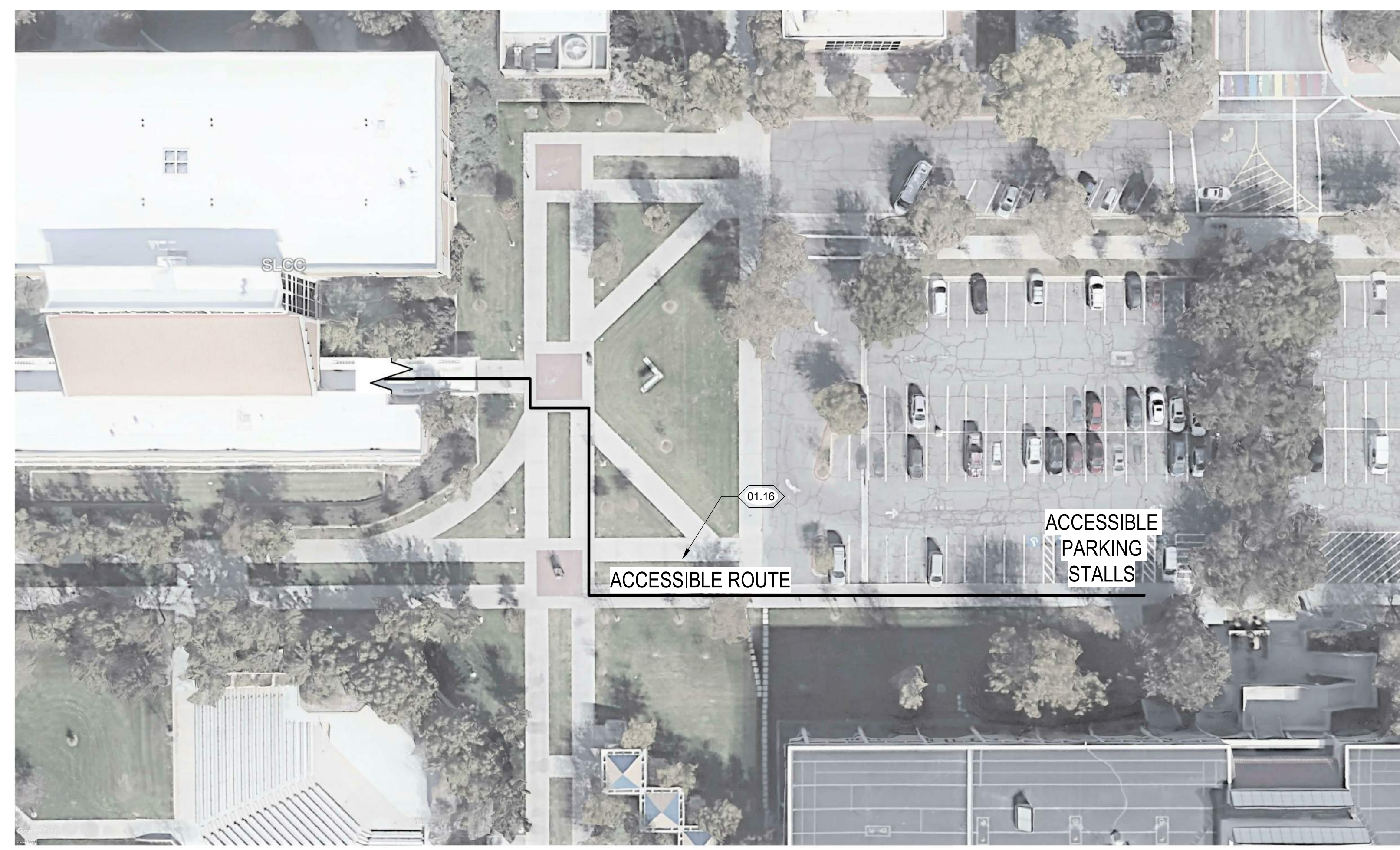


KEY NOTES:

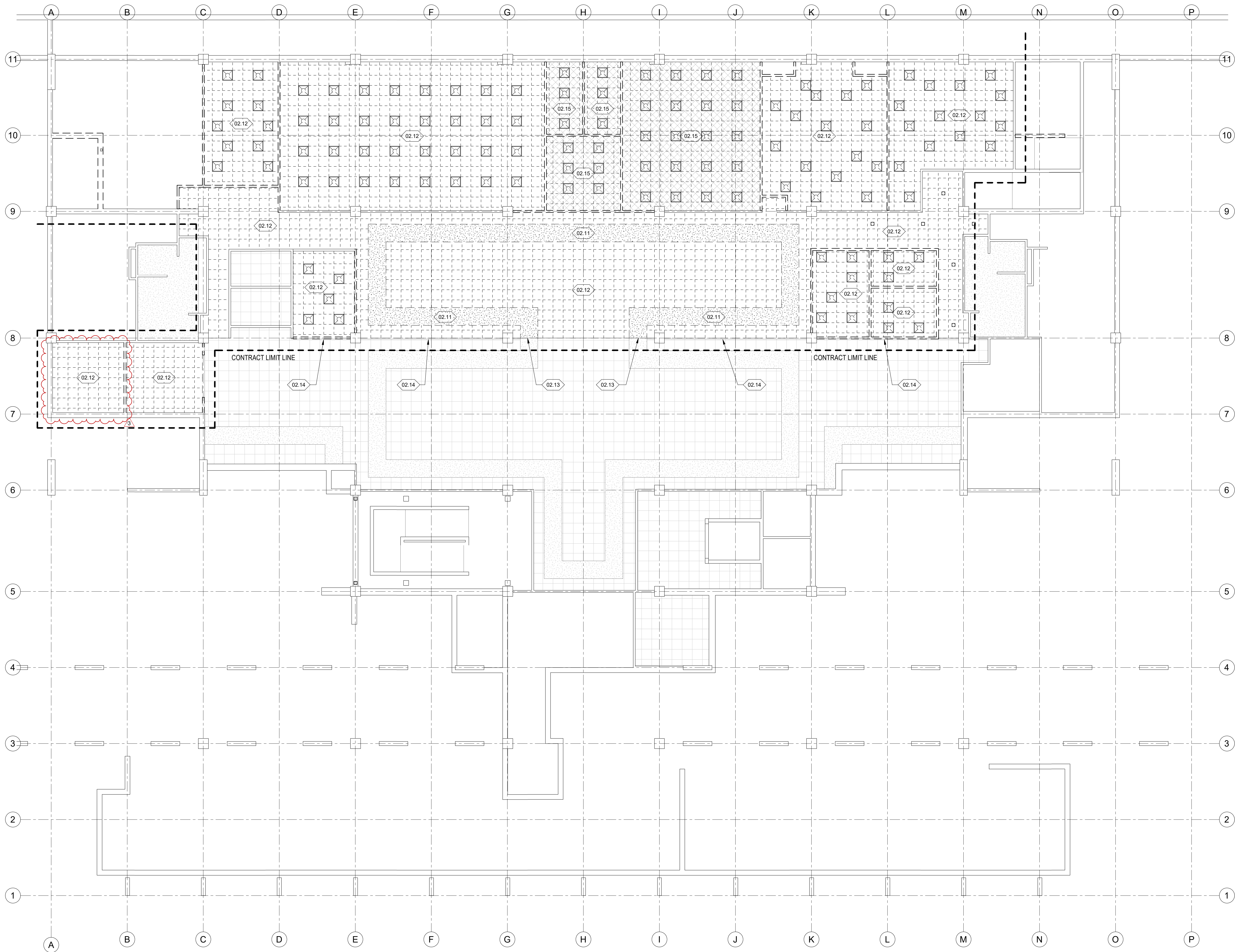
01.16 CONTRACTOR, ARCHITECT AND BUILDING INSPECTOR TO COORDINATE TOGETHER ON SITE TO FIELD VERIFY THE EXISTING ACCESSIBLE ROUTE BETWEEN THE EXISTING ACCESSIBLE PARKING AND BUILDING ENTRANCE AND THAT ACCESSIBLE ROUTE DOES NOT EXCEED A 5% RUNNING SLOPE AND 2% CROSS SLOPE AS REQUIRED BY IBC 1104.1 AND ICC A117.1-09 SECTION 403.3

01.17 CONTRACTOR, ARCHITECT AND BUILDING INSPECTOR TO COORDINATE TOGETHER ON SITE TO VERIFY THAT THE EXISTING ELEVATOR COMPLIES WITH SECTION 407 OR ICC A117.1-09. THIS INCLUDES CALL CONTROLS, SIGNALS, HOISTWAY SIGNAGE, ELEVATOR SIZES, ELEVATOR BUTTONS IN CAB, CAR POSITION INDICATORS, AND SIGNAGE AT ELEVATOR.

2 MAIN LEVEL FLOOR PLAN CODE ANALYSIS
SCALE 1/16" = 1'-0"



1 Accessible Route Map
SCALE 1/2" = 1'-0"



GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE DOCUMENTED PRIOR TO COMMENCING DEMOLITION.
2. REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL, AND/OR PLUMBING DRAWINGS WHEN DEMOLITION REQUIRES REMOVAL OR TERMINATION OF SUCH UTILITIES.
3. DASHED LINES INDICATE EXISTING WALLS, CASEWORK, FIXTURES, AND/OR OPENINGS WHICH ARE TO BE REMOVED, U.N.O.
4. THE CONTRACTOR IS TO REVIEW THE COMPLETE DOCUMENT SET AND COORDINATE THE WORK LISTED IN THE DEMOLITION DOCUMENTS WITH THE SCOPE OF THE NEW CONSTRUCTION. ALL DISCREPANCIES WILL BE NOTED TO THE ARCHITECT IN WRITING PRIOR TO COMMENCING.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT AND ERECTION OF ALL TEMPORARY PROTECTION FOR MEANS OF EGRESS AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.
6. DO NOT DISTURB, DISRUPT, DAMAGE OR ALTER ANY STRUCTURAL CONDITION OF THE EXISTING BUILDING UNLESS SPECIFICALLY INDICATED IN THESE DOCUMENTS.
7. IN ANY CUTTING, PATCHING OR ALTERATIONS OF THE EXISTING STRUCTURE OR ITS COMPONENTS THAT MAY BE REQUIRED FOR THE INSTALLATION OF NEW CONSTRUCTION, THE CONTRACTOR WILL NOTIFY THE ARCHITECT IN WRITING, IN ADVANCE OF ALL SUCH WORK AS MAY BECOME NECESSARY. THE EXISTING PERIMETER WALL SYSTEMS ARE NOT TO BE REMOVED, U.N.O. ANY DAMAGE EITHER EXISTING OR AS A RESULT OF CONSTRUCTION ACTIVITY IS TO BE REPAIRED TO MATCH EXISTING AND ACCEPT NEW CONSTRUCTION WHERE APPLICABLE.
9. COORDINATE SAWCUT AND FLOOR REMOVAL REQUIREMENTS WITH STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS.
10. REFER TO ELECTRICAL DRAWINGS FOR FIXTURES TO BE SALVAGED AND REUSED.

KEY NOTES:

- 02.11 EXISTING SOFFIT TO BE REMOVED. ALL ASSOCIATED FRAMING TO BE REMOVED.
- 02.12 EXISTING CEILING AND ALL COMPONENTS TO BE REMOVED.
- 02.13 PORTION OF EXISTING SOFFIT TO BE REMOVED TO ALLOW FOR NEW CONSTRUCTION. CONTRACTOR TO THE EXISTING SOFFIT BACK INTO NEW WALL CONSTRUCTION.
- 02.14 PORTION OF EXISTING CEILING SYSTEM TO BE REMOVED TO ALLOW FOR NEW CONSTRUCTION. CONTRACTOR TO THE EXISTING CEILING SYSTEM BACK INTO NEW WALL CONSTRUCTION.
- 02.15 PORTION OF EXISTING CEILING TILES TO BE SALVAGED AND RE-USED. SALVAGED TILES TO BE CONTAINED TO WHOLE ROOM. DO NOT MIX SALVAGED AND NEW ACOUSTICAL CEILING TILES IN THE SAME CEILING.

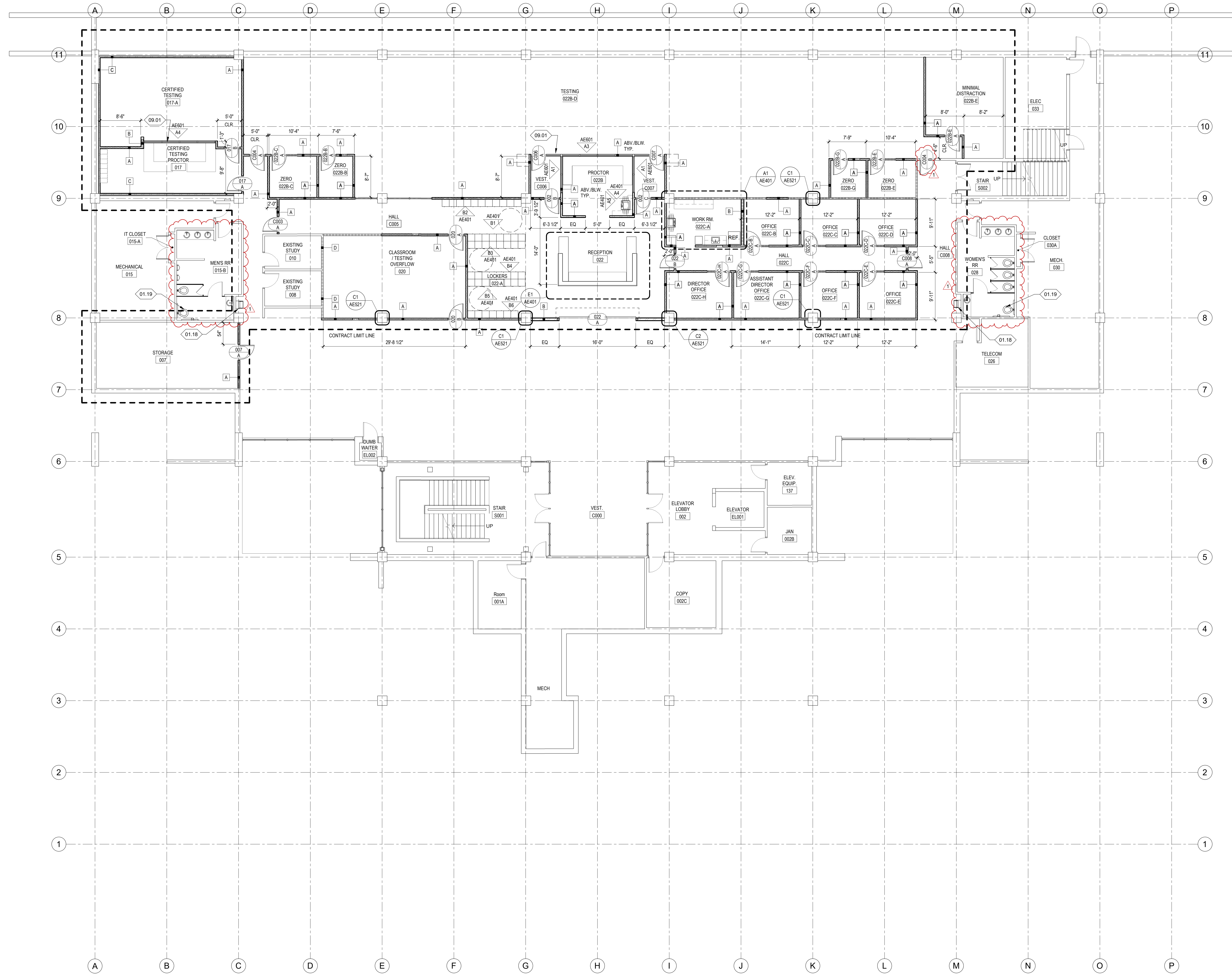
DEMO REFLECTED CEILING PLAN LEGEND:

- ACOUSTICAL CEILING GRID TO BE REMOVED
- 2x2 LIGHT FIXTURE TO BE REMOVED
- RECESSED CAN LIGHT TO BE REMOVED

BID DOCUMENT SET	
DATE	REVISION
02/17/2021	
02/25/21	Revision 1
03/19/21	Addendum 2

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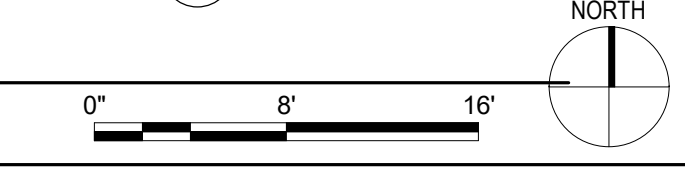


- GENERAL NOTES:**
- SEE SHEET Q101 FOR ARCHITECTURAL LEGENDS, SYMBOLS, AND ABBREVIATIONS.
 - ALL DIMENSIONS ARE TO FACE OF STUD OR CMU IN NEW CONSTRUCTION. FACE OF FINISH IN EXISTING (U.N.O.).
 - ALL FLOOR FINISH CHANGES OCCUR AT CENTER LINE OF DOORS IN CLOSED POSITION U.N.O.
 - COORDINATE LOCATIONS OF ALL FLOOR AND ROOF DRAINS WITH PLUMBING PLANS.
 - SEE SHEET AE511 FOR WALL TYPES & DETAILS.
 - SEE SHEET AE601 FOR DOOR SCHEDULE.
 - ALL ANGLED WALLS ARE AT 45°, UNLESS NOTED OTHERWISE.
 - SEE DRAWING 11 FOR TYPICAL TOILET ACCESSORIES INSTALLATION.

- KEY NOTES:**
- 01.18 CONTRACTOR, ARCHITECT AND BUILDING INSPECTOR TO COORDINATE TOGETHER ON SITE TO VERIFY THAT THE EXISTING DRINKING FOUNTAINS PROVIDED COMPLY WITH THE PROVISIONS OF ICC A117.1-09 SECTION 902.
 - 01.19 CONTRACTOR, ARCHITECT AND BUILDING INSPECTOR TO COORDINATE TOGETHER ON SITE TO FIELD VERIFY THE EXISTING RESTROOMS ARE COMPLIANT WITH THE WITH THE PROVISIONS OF ICC A117.1-09 CHAPTER 6 & SOUND WALL ABOVE AND BELOW.

- FLOOR PLAN LEGEND:**
- 11 WINDOW TAG, SEE WINDOW TYPES SHEET AE601
 - 022C-H W DOOR TAG, SEE DOOR SCHEDULE SHEET AE601
 - ROOM NAME ROOM TAG, SEE PLAN AE121
 - 101 ROOM TAG, SEE PLAN AE121
 - A WALL TYPE TAG, SEE SHEET AE511
 - EXISTING WALL ASSEMBLY
 - WALL ASSEMBLY AS SCHEDULED. NO SOUND RATING REQUIRED. EXTEND 6" ABOVE HIGHEST ADJACENT CEILING U.N.O.
 - SOUND WALL, EXTEND TO STRUCTURE ABOVE.

A6 LOWER LEVEL FLOOR PLAN
 AE101 SCALE 1/8" = 1'-0"



PROJECT #: 20029

BID DOCUMENT SET	
DATE	REVISION
02/17/2021	
02/25/21	Revision 1
03/19/21	Addendum 2

LOWER FLOOR PLAN

AE101



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GENERAL NOTES:

KEY NOTES:

01.14 COVE LIGHTING TO BE REPLACED. ADD ALTERNATE #011
02.16 RE-USE SALVAGED CEILING TILE. CONTRACTOR TO VERIFY NUMBER OF TILES SALVAGED WILL BE SUFFICIENT TO BE USED IN SPACE. SEE DEMO REFLECTED CEILING PLAN

REFLECTED CEILING PLAN LEGEND:

- | | |
|-----------|--------------------------------|
| RM | ROOM NUMBER |
| VARIABLES | CEILING HEIGHT |
| A | CEILING TYPE |
| [Symbol] | 2x2 LIGHT FIXTURE - SEE ELEC. |
| [Symbol] | 2x4 LIGHT FIXTURE - SEE ELEC. |
| [Symbol] | RETURN AIR GRILL - SEE MECH. |
| [Symbol] | SUPPLY AIR GRILL - SEE MECH. |
| [Symbol] | EXHAUST FAN - SEE MECH. |
| [Symbol] | RECESSED CAN LIGHT - SEE ELEC. |
| [Symbol] | PENDANT LIGHT - SEE ELEC. |

CEILING TYPES LEGEND:

- | | |
|----|--|
| C1 | SUSPENDED GYP. BD. |
| C2 | 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL |

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Taylorsville, UT 84123

PROJECT #: 20029

BID DOCUMENT SET
02/17/2021

DATE	REVISION
02/25/21	Revision 1
03/19/21	Addendum 2

LOWER FLOOR
REFLECTED
CEILING PLAN

AE161



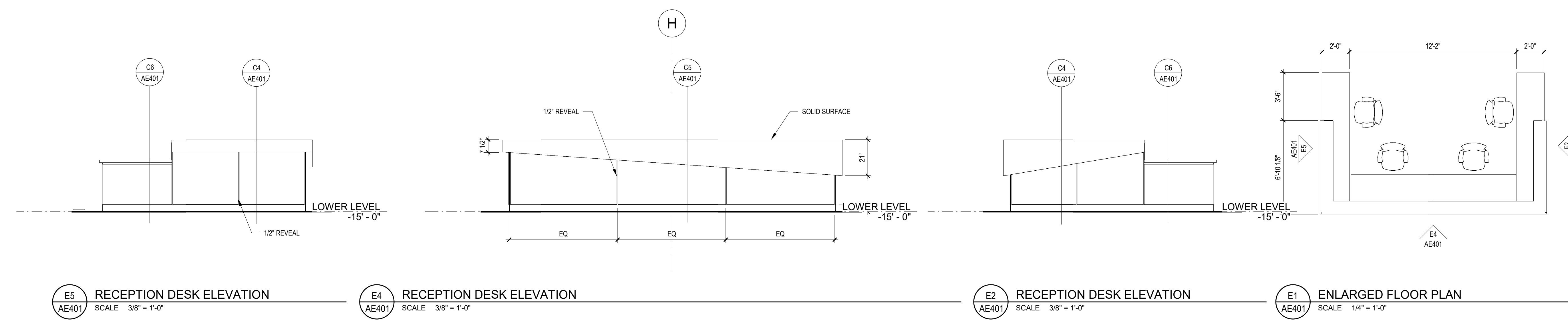
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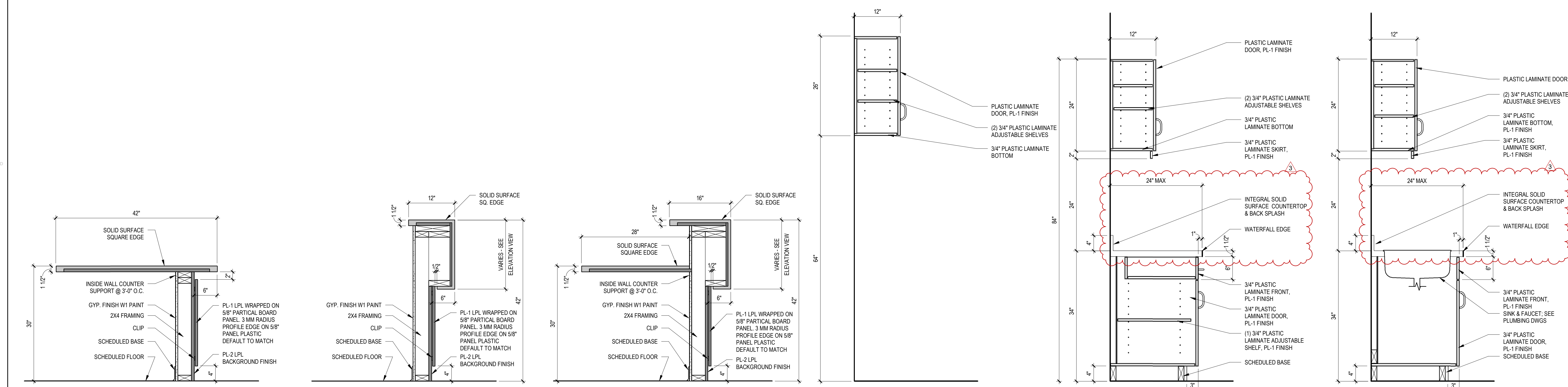
- KEY NOTES:**
- 10.03 3 TIER WOOD LOCKER WITH ELECTRONIC LOCK AND SLOPED TOP. SEE SPECIFICATIONS.
 - 10.04 4 TIER WOOD LOCKER WITH ELECTRONIC LOCK AND SLOPED TOP. SEE SPECIFICATIONS.
 - 10.05 ADA COMPLIANT LOCKER, ALL LOCKERS, CONTROLS, ETC. TO COMPLY WITH ICC A117.1.
 - 11.01 SHREDDER, OFCI
 - 11.02 MULTI-FUNCTION COPIER, OFCI
 - 11.03 WATER COOLER, OFCI
 - 11.04 REFRIGERATOR, OFCI

MILLWORK FINISH LEGEND

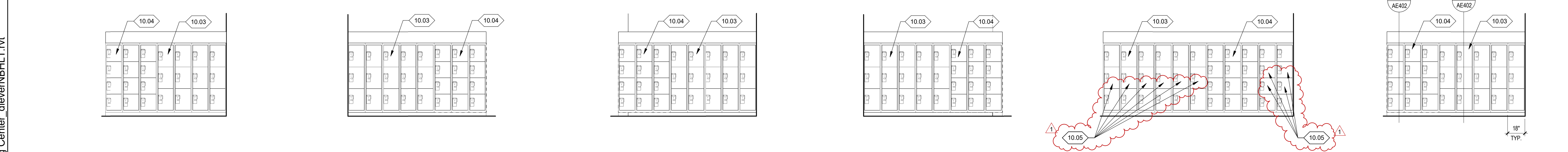
PL-1	WILSONART, BLEACHED WALNUT, Y0596
PL-2	WILSONART, SABLE LINE, Y0515
SS-1	WILSONART, UPPER WOLF LAW, Q4038



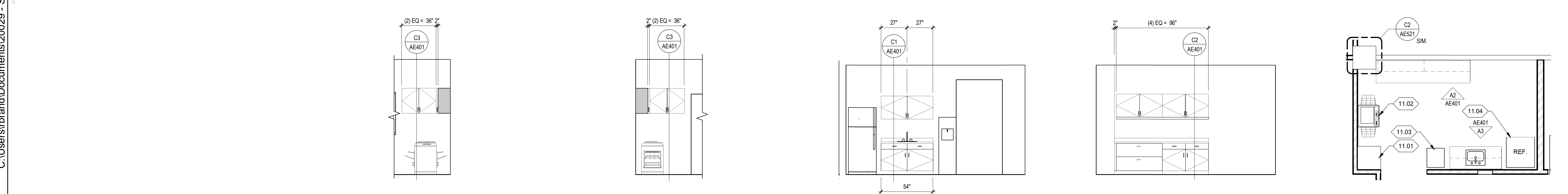
E5 RECEPTION DESK ELEVATION SCALE 3/8" = 1'-0"
E4 RECEPTION DESK ELEVATION SCALE 3/8" = 1'-0"
E2 RECEPTION DESK ELEVATION SCALE 3/8" = 1'-0"
E1 ENLARGED FLOOR PLAN SCALE 1/4" = 1'-0"



C6 ADA COUNTER DETAIL SCALE 1" = 1'-0"
C5 RECEPTION COUNTER FRONT DETAIL SCALE 1" = 1'-0"
C4 RECEPTION COUNTER SIDE DETAIL SCALE 1" = 1'-0"
C3 CABINET SECTION SCALE 1" = 1'-0"
C2 CABINET SECTION SCALE 1" = 1'-0"
C1 CABINET SECTION SCALE 1" = 1'-0"



B6 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
B5 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
B4 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
B3 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
B2 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
B1 INTERIOR ELEVATION SCALE 1/4" = 1'-0"

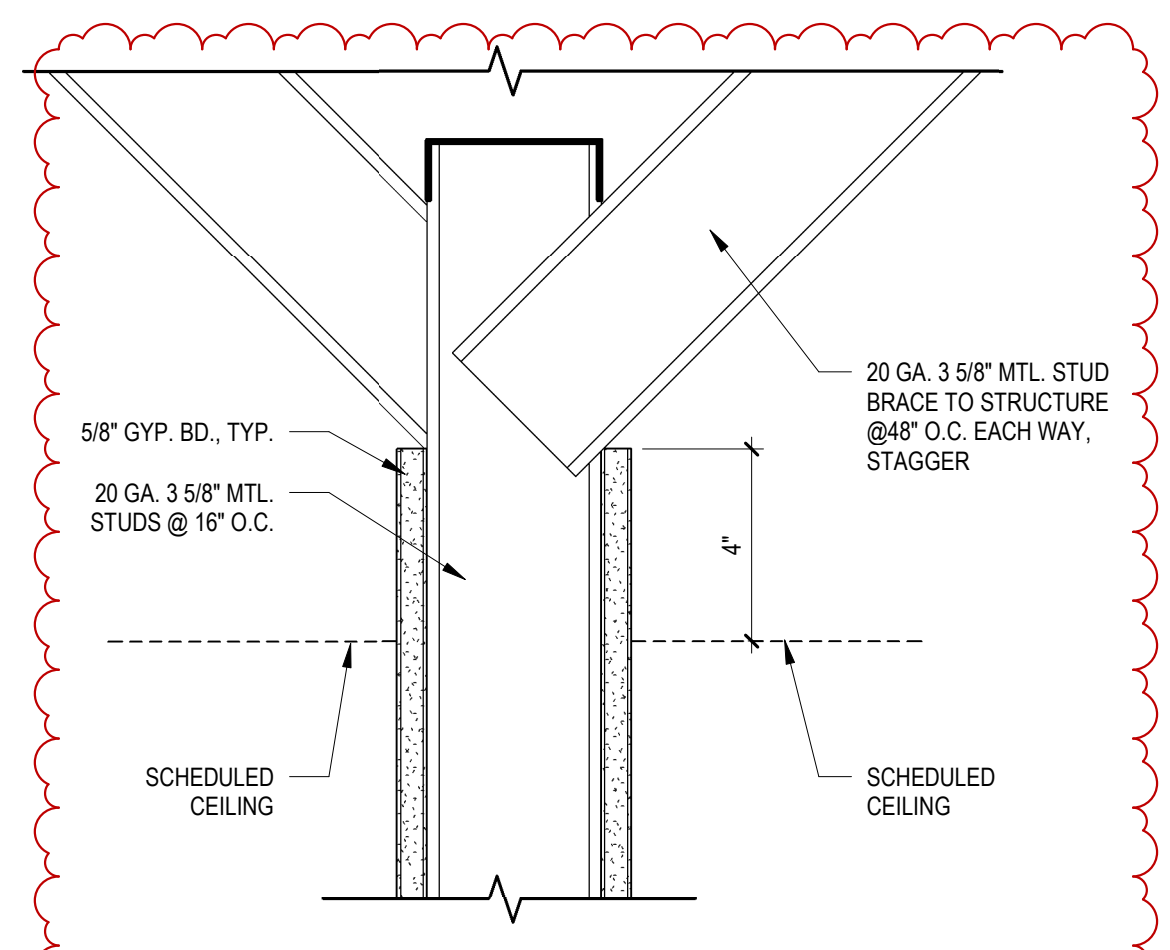


A5 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
A4 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
A3 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
A2 INTERIOR ELEVATION SCALE 1/4" = 1'-0"
A1 ENLARGED FLOOR PLAN SCALE 1/4" = 1'-0"

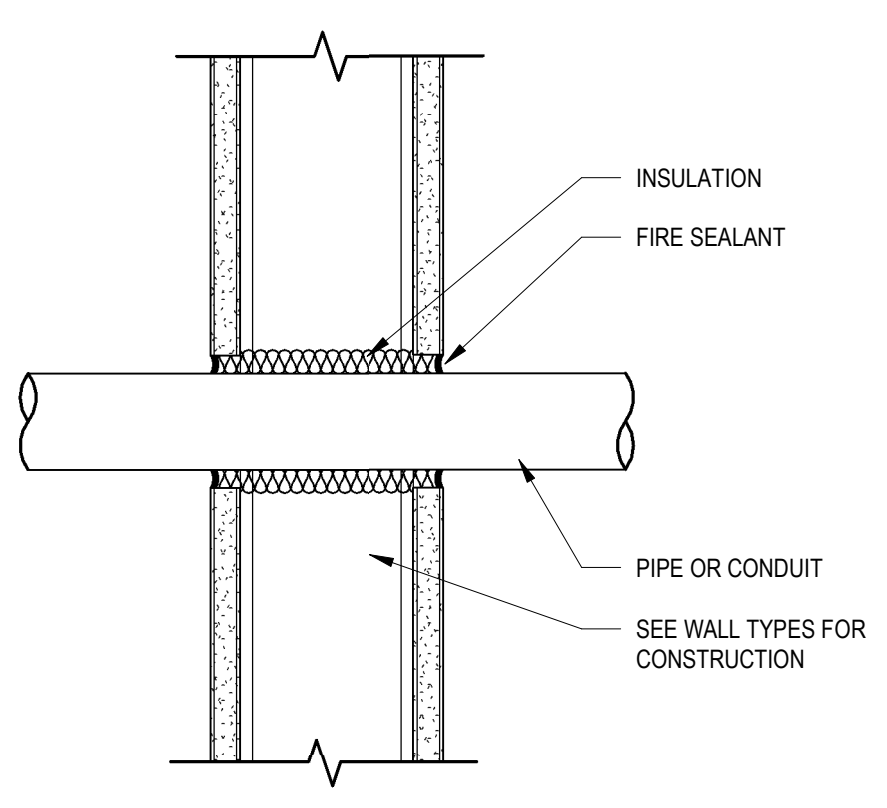
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02/17/2021

Δ	DATE	REVISION
1	03/05/21	Revision 1
3	03/19/21	Addendum 2

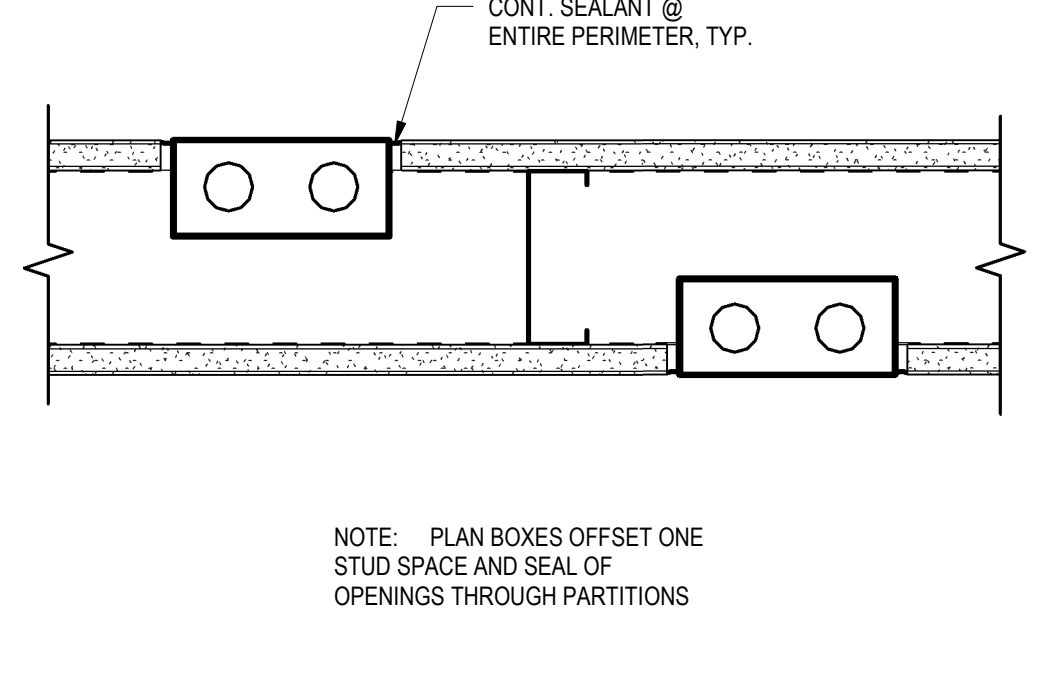
GENERAL NOTES:



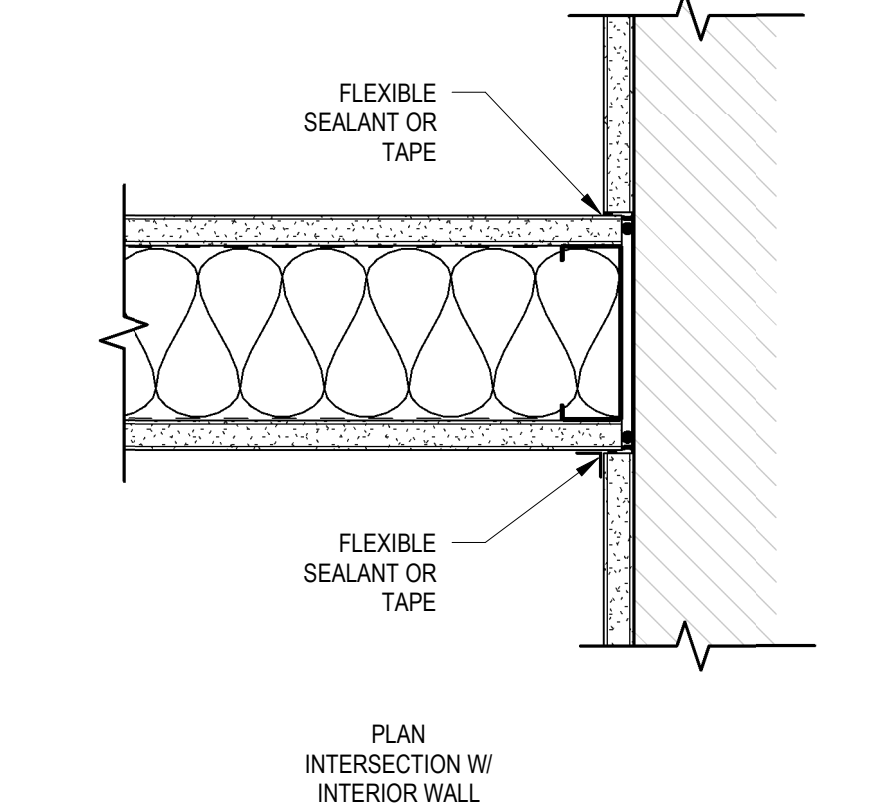
C6 WALL HEAD SUPPORT DETAIL
 AE511 SCALE 3\"/>



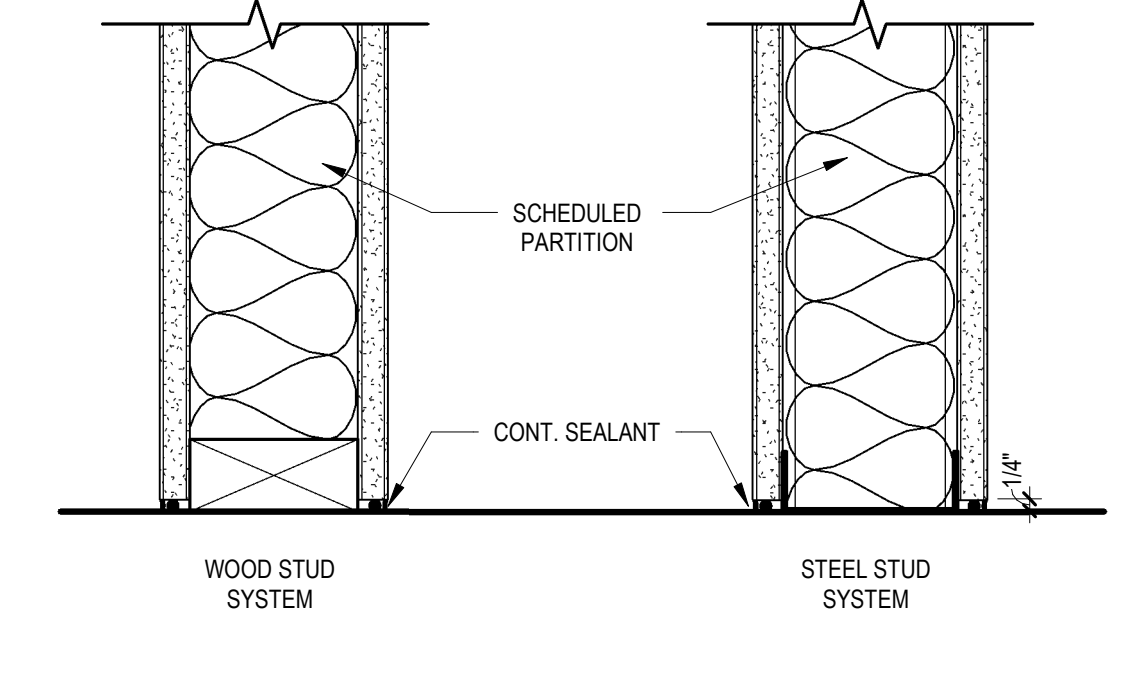
C5 PIPE-CONDUIT THRU WALL UL-WL1029
 AE511 SCALE 3\"/>



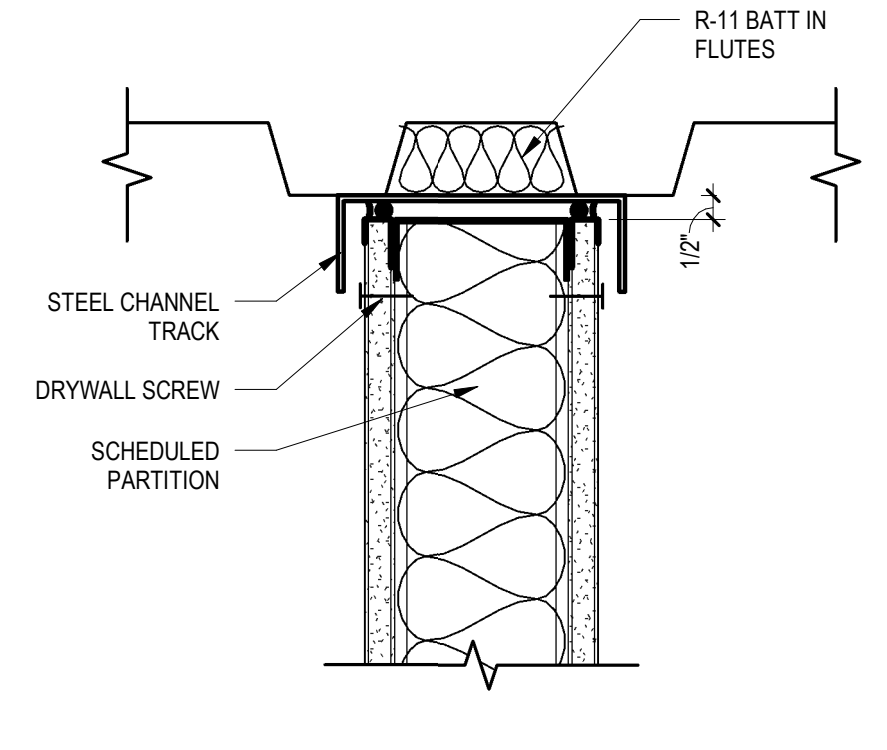
C4 SOUND WALL DETAIL - PENETRATIONS
 AE511 SCALE 3\"/>



C3 SOUND WALL DETAIL - TO EXISTING
 AE511 SCALE 3\"/>



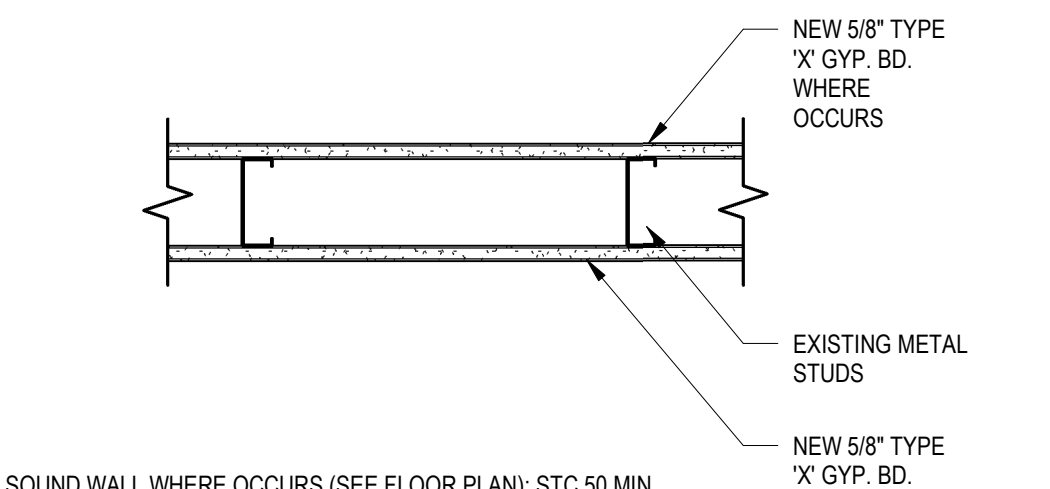
C2 SOUND WALL DETAIL - FLOOR
 AE511 SCALE 3\"/>



C1 SOUND WALL HEAD DETAIL
 AE511 SCALE 3\"/>

ONE LAYER 5/8\"/>

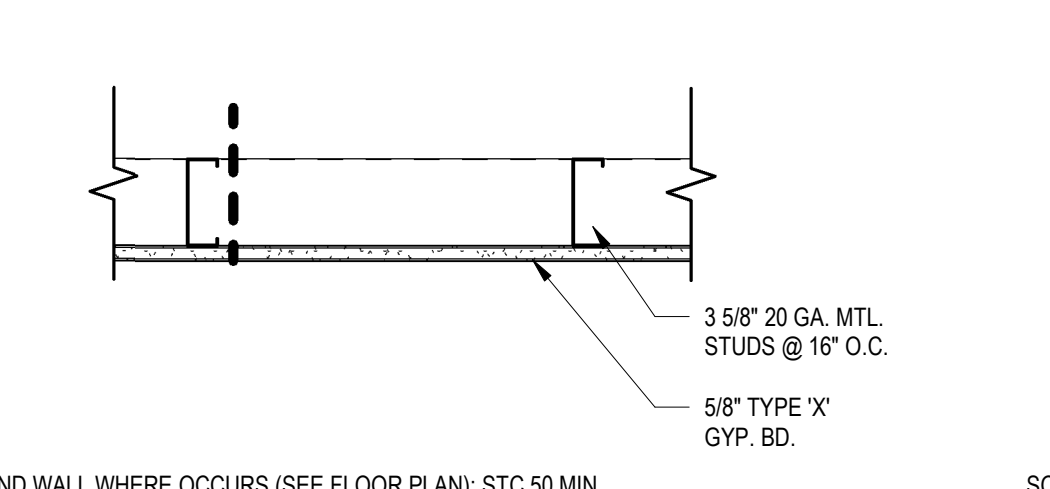
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A4 INTERIOR WALL TYPE D
 AE511 SCALE 1 1/2\"/>

ONE LAYER 5/8\"/>

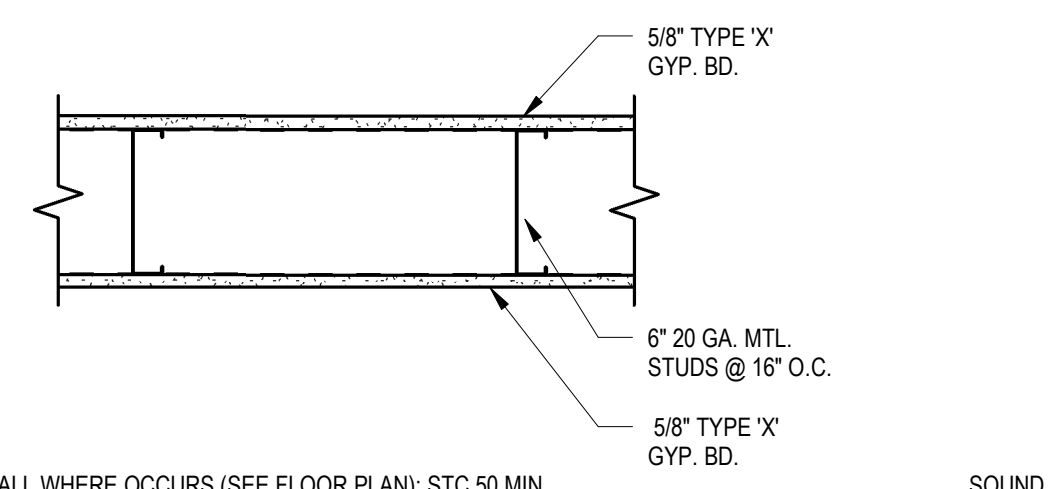
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A3 INTERIOR WALL TYPE C
 AE511 SCALE 1 1/2\"/>

ONE LAYER 5/8\"/>

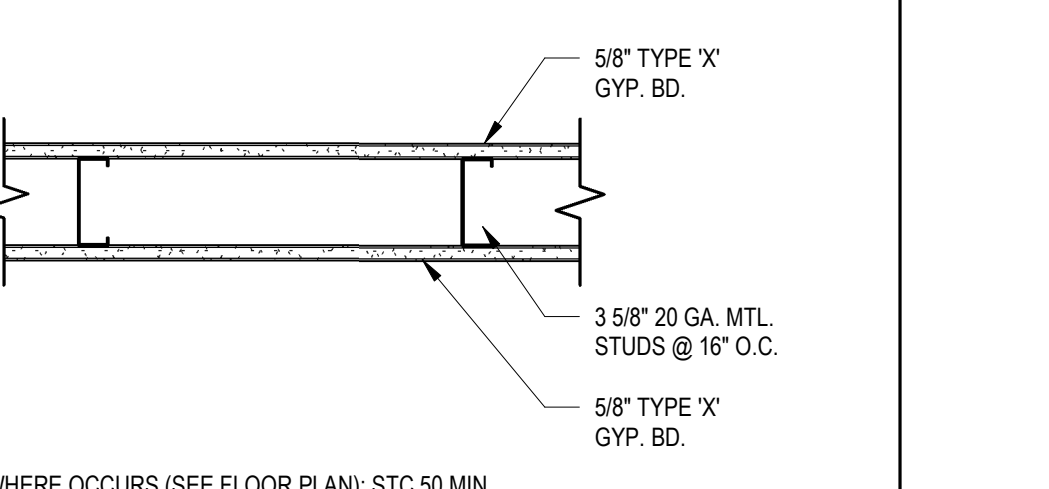
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A2 INTERIOR WALL TYPE B
 AE511 SCALE 1 1/2\"/>

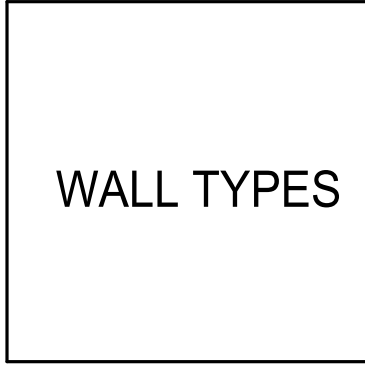
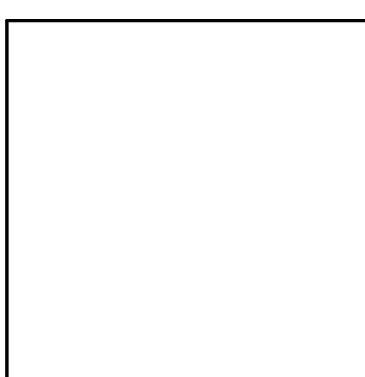
ONE LAYER 5/8\"/>

NON-LOAD BEARING



A1 INTERIOR WALL TYPE A
 AE511 SCALE 1 1/2\"/>

BID DOCUMENT SET	
DATE	REVISION
02/17/2021	
02/25/21	Revision 1
03/19/21	Addendum 2



DOOR AND FRAME SCHEDULE

ROOM #	DOOR #	HARDWARE GROUP	DOOR				FRAME				ACCESS CONTROL	ASSEMBLY FIRE RATING	NOTES		
			WIDTH	HEIGHT	TYPE	MATL	FINISH	GLAZING	TYPE	MATL				FINISH	
002	B	GROUP 2	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
002	C	GROUP 2	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
007	A	GROUP 2	3'-0"	7'-0"	D1	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	3
017	B	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
017	A	GROUP 2	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
020	A	GROUP 2	3'-0"	7'-0"	D1	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
020	B	GROUP 2	3'-0"	7'-0"	D1	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
022	A	GROUP 2	16'-0"	9'-0"	D3	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	1
022	B	GROUP 2	3'-0"	7'-0"	D3	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
022B-B	A	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
022B-C	A	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
022B-E	A	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
022B-G	A	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
022C-B	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
022C-C	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
022C-D	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
022C-E	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
022C-F	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
022C-G	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
022C-H	A	GROUP 4	3'-0"	7'-0"	D5	WD	DF1	G2	F3	HM	FF1	B1	B2	YES	2
0003	A	GROUP 1	3'-0"	7'-0"	D1	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
0004	A	GROUP 1	3'-0"	7'-0"	D3	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
0004	B	GROUP 1	3'-0"	7'-0"	D3	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2
0006	A	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	C1	C2	YES	2
0007	A	GROUP 3	3'-0"	7'-0"	D4	WD	DF1	G2	F1	HM	FF1	C1	C2	YES	2
CO08	A	GROUP 1	3'-0"	7'-0"	D3	WD	DF1	G2	F1	HM	FF1	B1	B2	YES	2

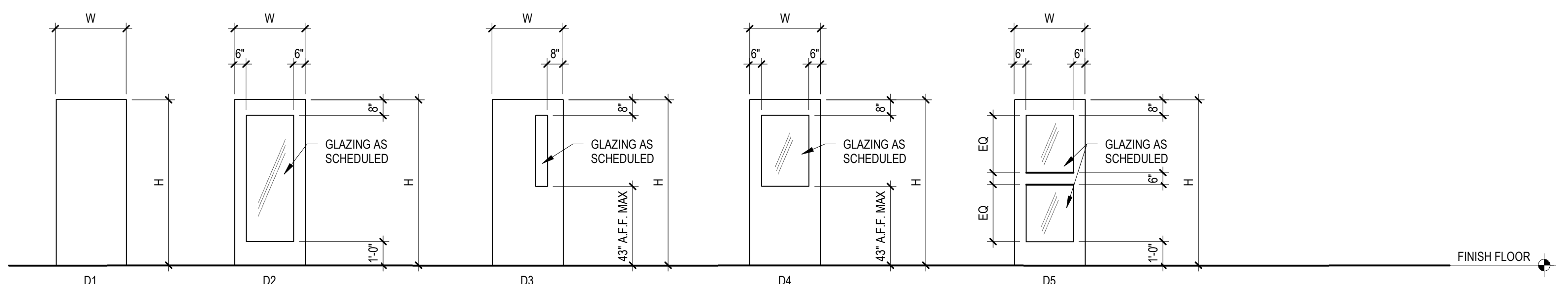
1. RECESSED OVERHEAD COILING GRILLE DOOR. SEE SPECIFICATION. COORDINATE MANUAL CONTROL LOCATION WITH OWNER.
2. DOOR HARDWARE OWNER FURNISHED CONTRACTOR INSTALLED. CONTRACTOR SHALL COORDINATE DOOR PREP WITH OWNER TO ENSURE DOORS ARE ABLE TO RECEIVE FURNISHED HARDWARE.
3. DOOR AND HARDWARE OWNER FURNISHED CONTRACTOR INSTALLED. CONTRACTOR TO FIELD VERIFY ROUGH OPENING REQUIREMENTS WITH FURNISHED DOOR.

DOOR HARDWARE RESPONSIBILITY MATRIX

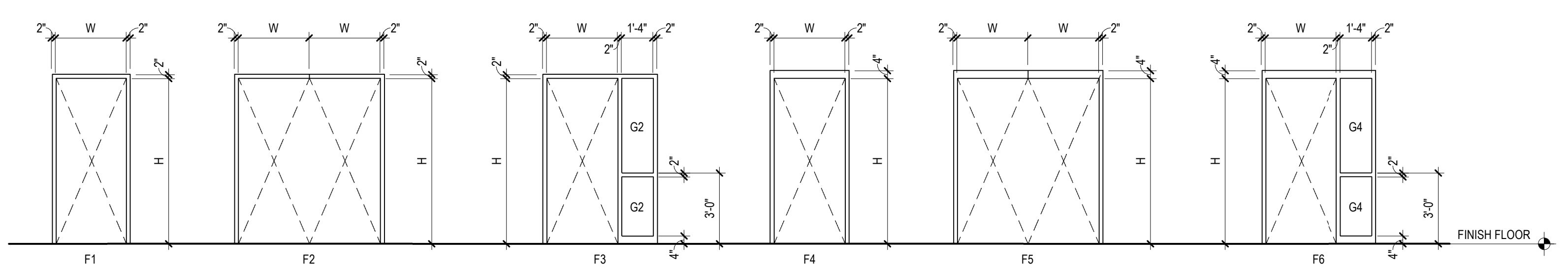
CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	OWNER FURNISHED, CONTRACTOR INSTALLED	OWNER FURNISHED, OWNER INSTALLED
CLOSERS	LOCKSETS	ACCESS CONTROL HARDWARE
STANDARD HINGES		
SOUND SEALS		ACCESS CONTROL PROX READERS
DOOR STOPS		
KICK PLATES		TRANSFER HINGES

HARDWARE SCHEDULE:

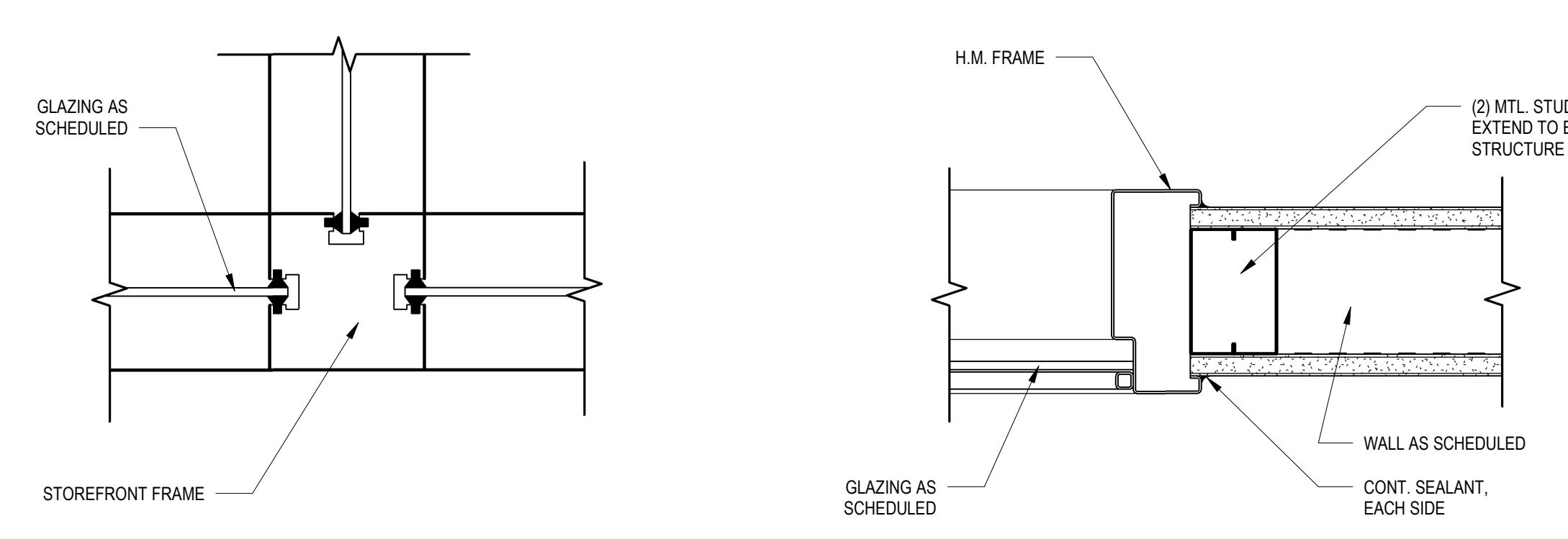
GROUP 1	
HINGES	DOOR MANUFACTURERS STANDARD
TRANSFER HINGES	BY OWNER, COMMAND ACCESS ETM2W
EXIT DEVICE	BY OWNER, MARKS M900
CYLINDER	BY OWNER
DOOR PULL	BY OWNER, MARKS 195
CLOSER	BY OWNER, STANLEY QDC115R689
THRESHOLD	DOOR MANUFACTURERS STANDARD
PERIMETER SEALS	DOOR MANUFACTURERS STANDARD
POWER SUPPLY	BY OWNER, SECURITRON AQS2410
CARD READER	BY OWNER, HID SIGNO
GROUP 2	
HINGES	DOOR MANUFACTURERS STANDARD
TRANSFER HINGES	BY OWNER, COMMAND ACCESS ETM2W
CYLINDER	BY OWNER
DOOR PULL	BY OWNER, MARKS 195
CLOSER	BY OWNER, STANLEY QDC115R689
THRESHOLD	DOOR MANUFACTURERS STANDARD
PERIMETER SEALS	DOOR MANUFACTURERS STANDARD
POWER SUPPLY	BY OWNER, SECURITRON AQS2410
CARD READER	BY OWNER, HID SIGNO
GROUP 3	
HINGES	DOOR MANUFACTURERS STANDARD
CYLINDER	BY OWNER
DOOR PULL	BY OWNER, MARKS 195
CLOSER	BY OWNER, STANLEY QDC115R689
THRESHOLD	DOOR MANUFACTURERS STANDARD
PERIMETER SEALS	DOOR MANUFACTURERS STANDARD
GROUP 4	
HINGES	DOOR MANUFACTURERS STANDARD
CYLINDER	BY OWNER
DOOR PULL	BY OWNER, MARKS 195
THRESHOLD	DOOR MANUFACTURERS STANDARD
PERIMETER SEALS	DOOR MANUFACTURERS STANDARD



DOOR TYPES

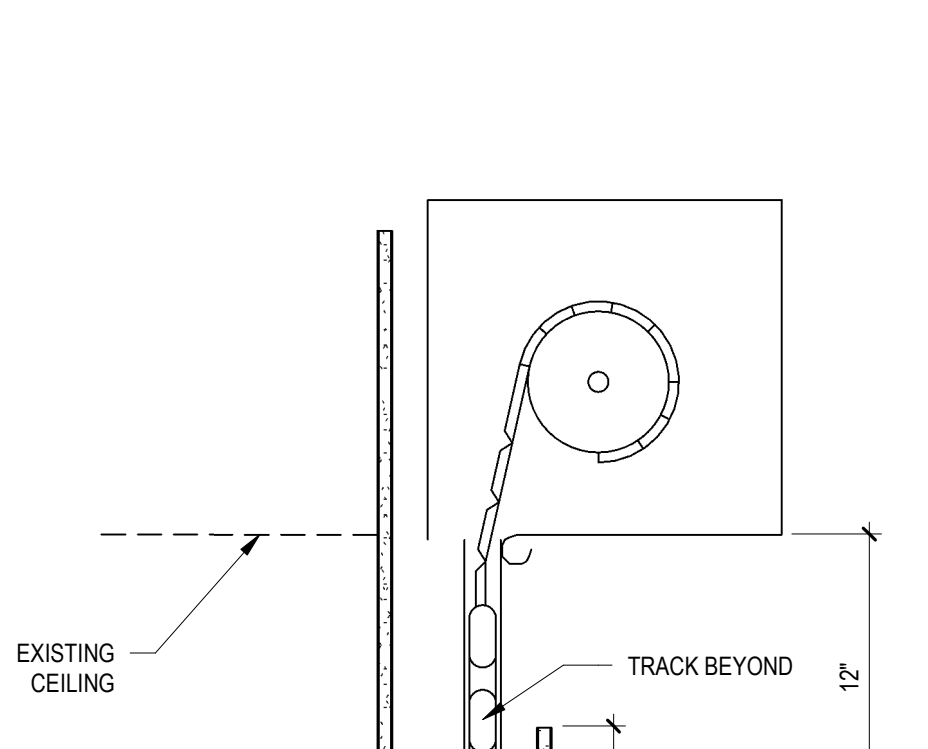


DOOR FRAME TYPES

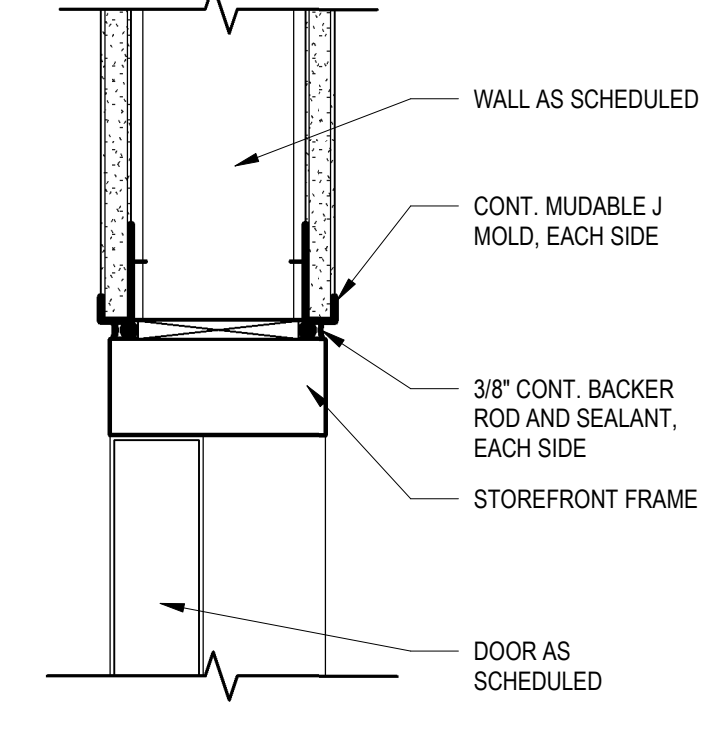


C6 INTERIOR H.M. WINDOW JAMB
SCALE 3" = 1'-0"

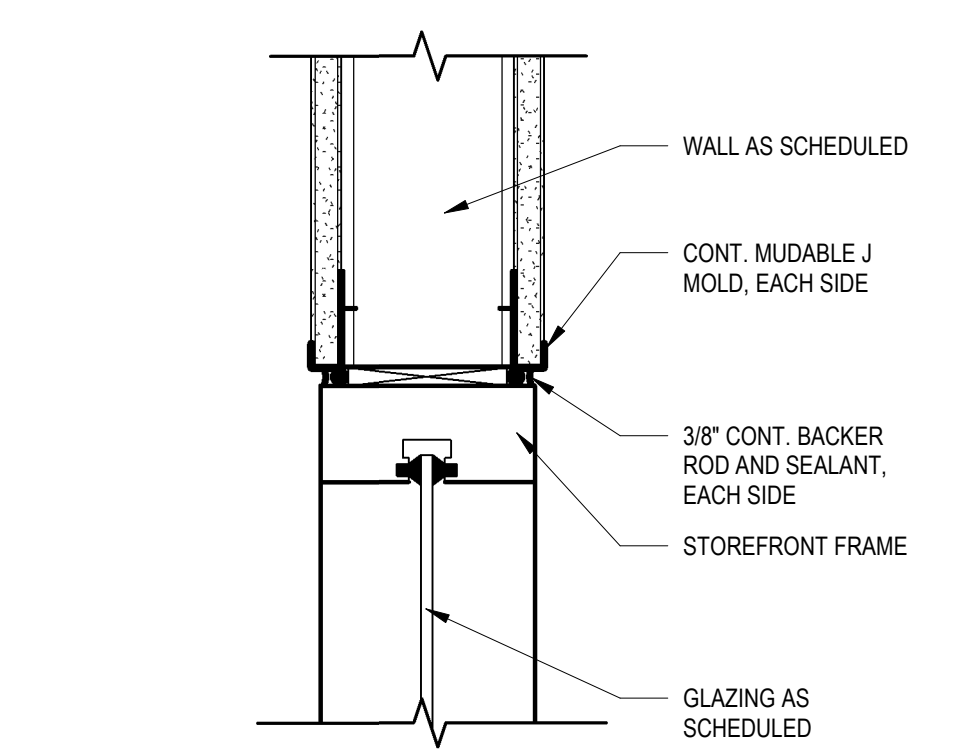
C5 INTERIOR H.M. DOOR JAMB
SCALE 3" = 1'-0"



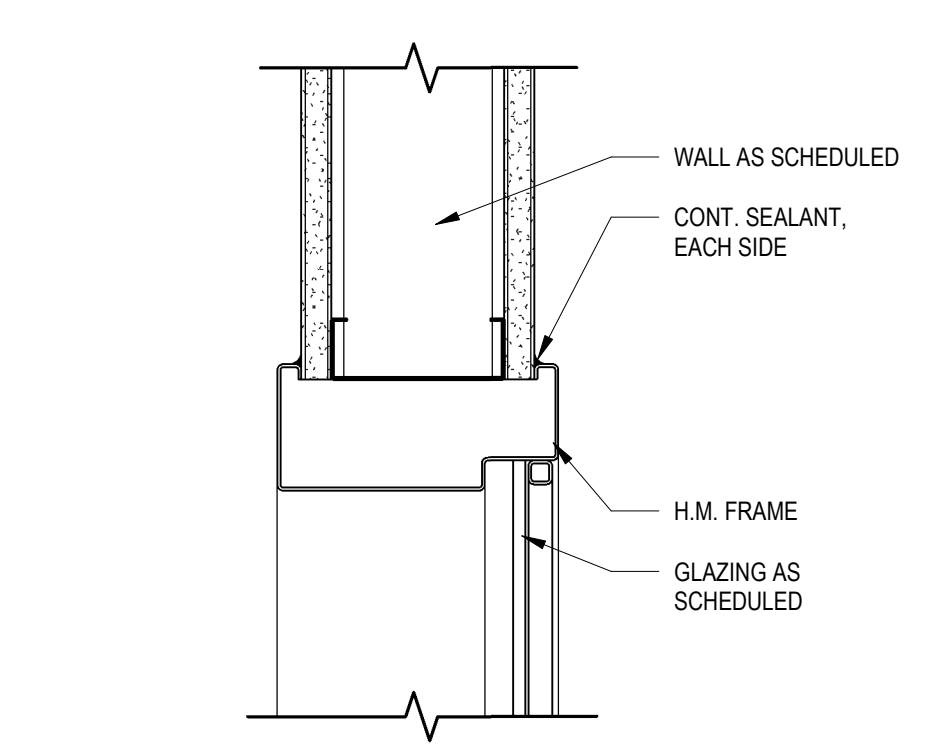
C2 INTERIOR STOREFRONT DOOR JAMB
SCALE 3" = 1'-0"



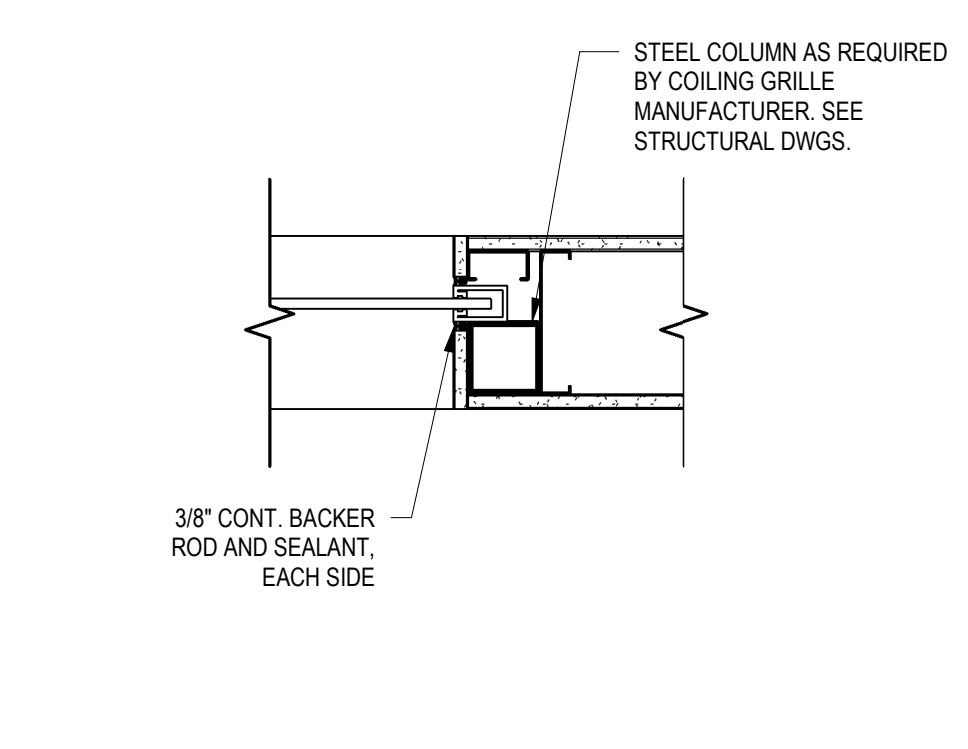
C1 INTERIOR STOREFRONT DOOR HEAD
SCALE 3" = 1'-0"



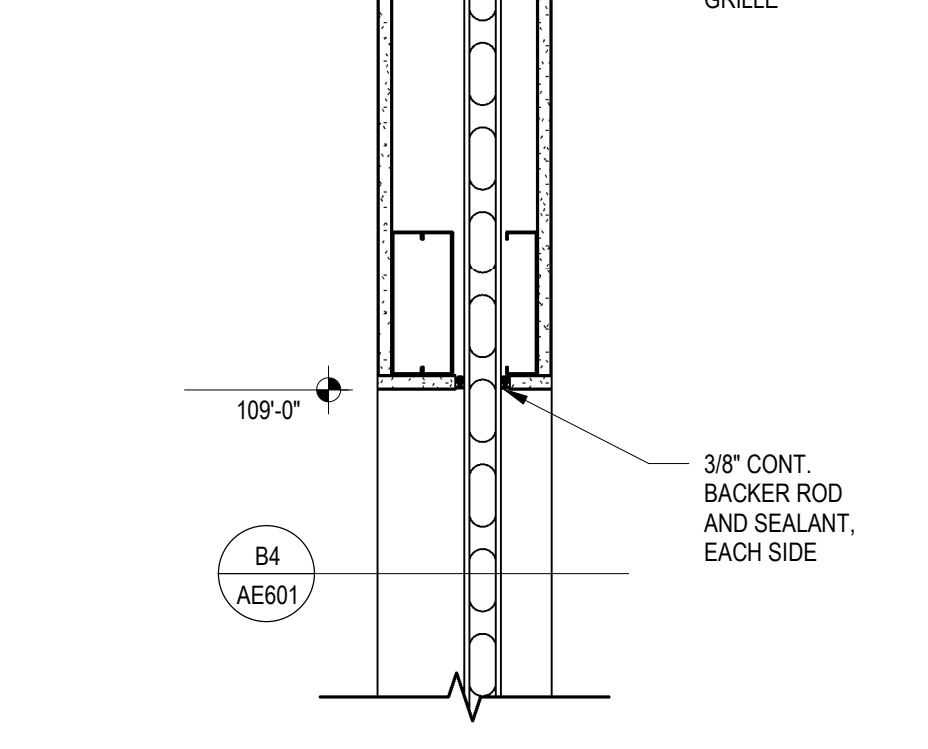
B6 INTERIOR STOREFRONT WINDOW HEAD
SCALE 3" = 1'-0"



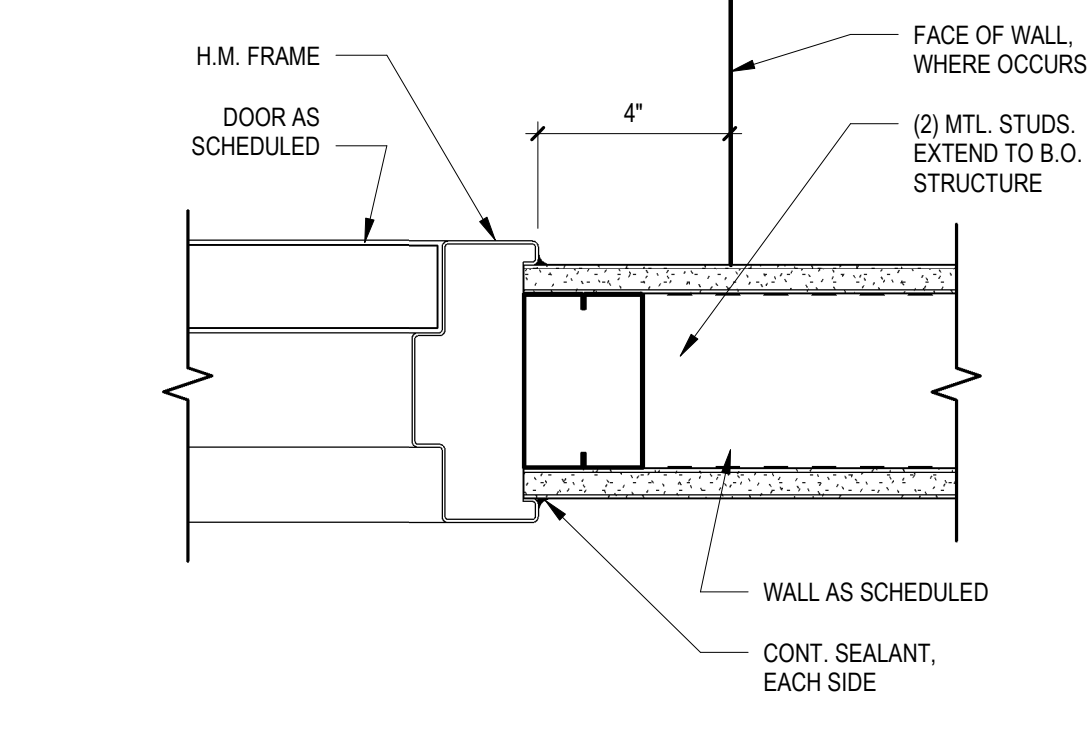
B5 INTERIOR H.M. WINDOW HEAD
SCALE 3" = 1'-0"



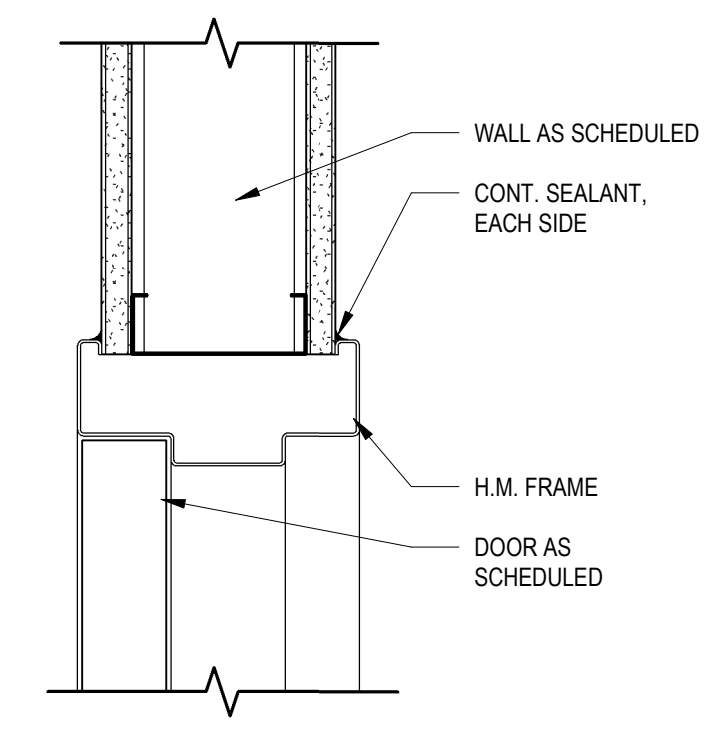
B4 OVERHEAD GRILLE JAMB DETAIL
SCALE 1 1/2" = 1'-0"



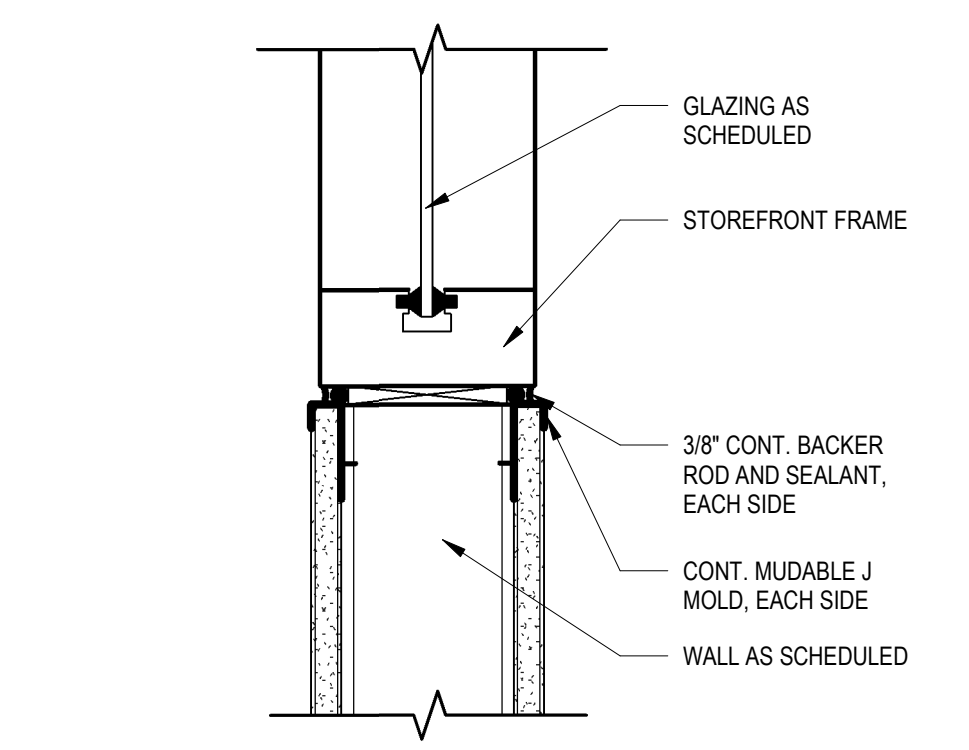
B3 OVERHEAD GRILLE HEAD DETAIL
SCALE 1 1/2" = 1'-0"



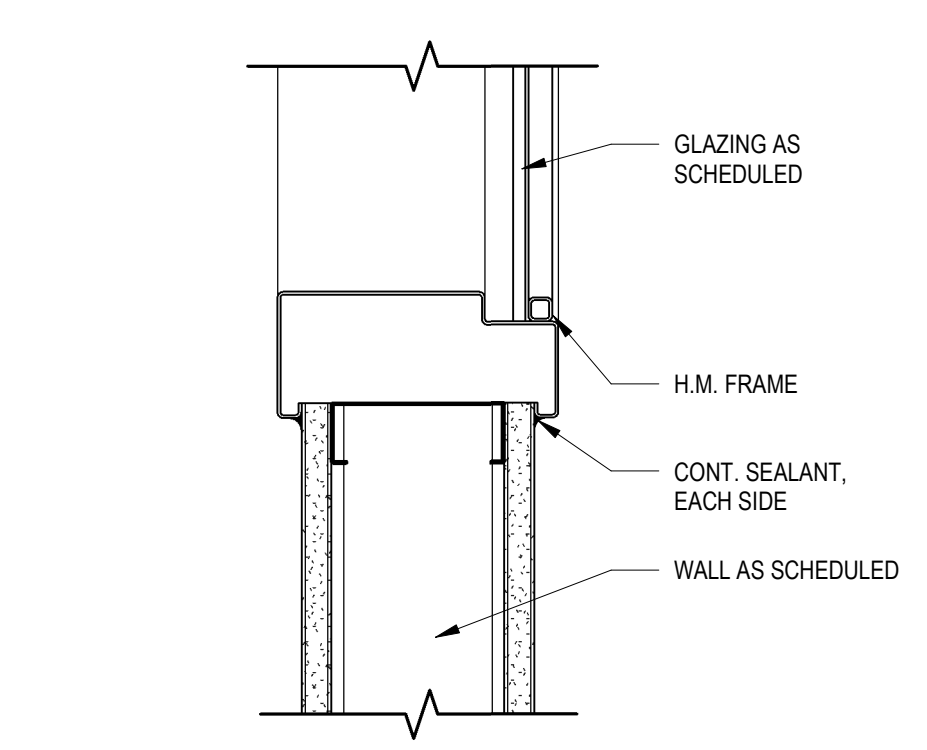
B2 INTERIOR H.M. DOOR JAMB
SCALE 3" = 1'-0"



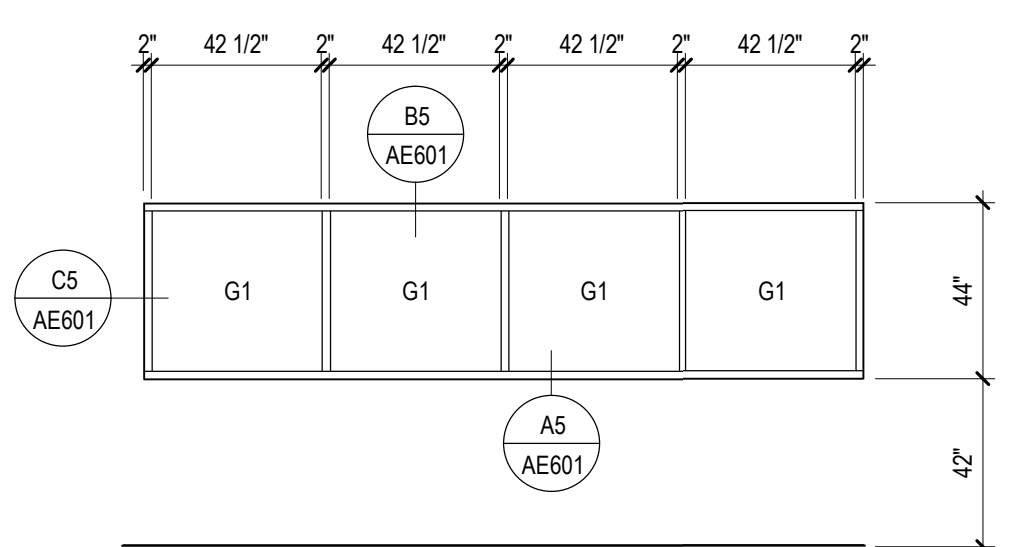
B1 INTERIOR H.M. DOOR HEAD
SCALE 3" = 1'-0"



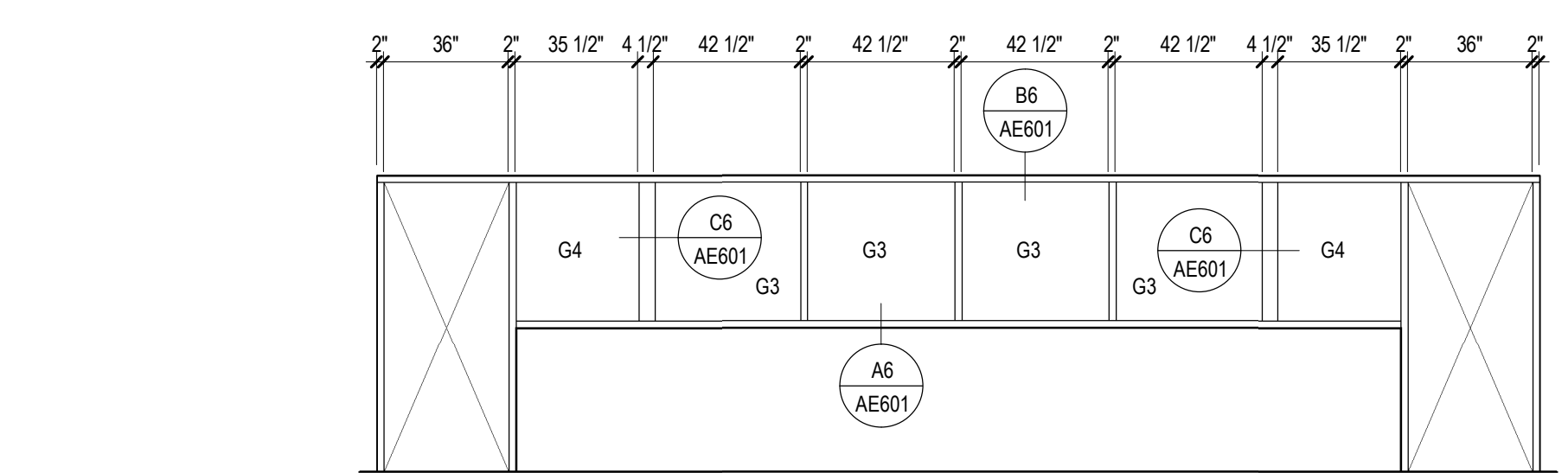
A6 INTERIOR STOREFRONT WINDOW SILL
SCALE 3" = 1'-0"



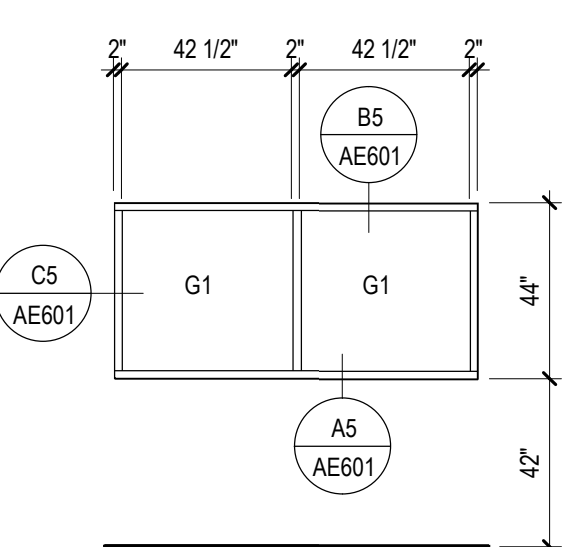
A5 INTERIOR H.M. WINDOW SILL
SCALE 3" = 1'-0"



A4 WINDOW ELEVATION
SCALE 1/4" = 1'-0"



A3 WINDOW TYPE W2
SCALE 1/4" = 1'-0"



A1 WINDOW ELEVATION
SCALE 1/4" = 1'-0"

DOOR MATERIAL LEGEND

AL	ALUMINUM
FRP	FIBERGLASS
G2	GLAZING
HM	HOLLOW METAL
WD	WOOD

DOOR FINISH LEGEND

DF1	FACTORY FINISH
DF2	FIELD PAINT
DF3	
DF4	
DF5	

FRAME MATERIAL LEGEND

AL	ALUMINUM
FRP	FIBERGLASS
HM	HOLLOW METAL
WD	WOOD

FRAME FINISH LEGEND

FF1	FIELD PAINT
FF2	
FF3	
FF4	
FF5	

GLAZING SCHEDULE

G1	1/4" CLEAR
G2	1/4" CLEAR - TEMPERED
G3	1" INSULATED CLEAR
G4	1" INSULATED CLEAR - TEMPERED

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DATE	REVISION
02/17/2021	
02/25/21	Revision 1
03/12/21	Addendum 1
03/19/21	Addendum 2



**BHB CONSULTING
ENGINEERS, INC**
2766 South Main Street
Salt Lake City, UT 84115

p. 801 355 5656
bhbenigneers.com

March 18, 2021

Chris Child
JRCA Architects
577 S 200 E, #100
Salt Lake City, UT 84111

Chris:

We were asked the following question:

- **S101 The new spot footing FS7.0 is calling out an 84'-0" size. This seems to be inconsistent with the rest of the plans. Please clarify this is a typo and it is 84" square spot footing.**

Tag 'FS7.0' is the spot footing size. 84'-0" indicates the top of footing elevation.

Sincerely,

Alex Picket, Associate - PE
BHB Structural Engineers
alex.piket@bhbenigneers.com

ADDENDUM

Project Name: SLCC LIB Testing Center

Addendum No.: 2

WHW Project # 20101

Date: 03.18.21

From: WHW Engineering Inc
8619 S Sandy Parkway Suite 101
Sandy, Utah 84070
Phone (801) 466-4021 Fax (801) 466-8536

To: All Bidders

I - CHANGES/CLARIFICATIONS TO DRAWINGS:

Item I-1. Transfer air ducts are added to create a return air path; see revised ME101.

Item I-2. An instantaneous electric water heater is added to the work room sink; see PE101 and PE501.

PRIOR APPROVALS

THE FOLLOWING ITEMS, AS SUBMITTED, ARE CONSIDERED, IN GENERAL AND IN NAME ONLY, AS EQUAL TO THOSE ITEMS SPECIFIED. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OR SUPPLIER OF THE RESPONSIBILITY OF CONFORMING TO THE DRAWINGS AND SPECIFICATIONS, NOR DOES IT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS FOR COORDINATION WITH OTHER TRADES. ALL DIMENSIONS SHALL BE CONFIRMED AND CORRELATED AT THE JOBSITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND THE SUITABILITY OF "EQUAL" PRODUCTS FOR THE SPECIFIED APPLICATION.

Description

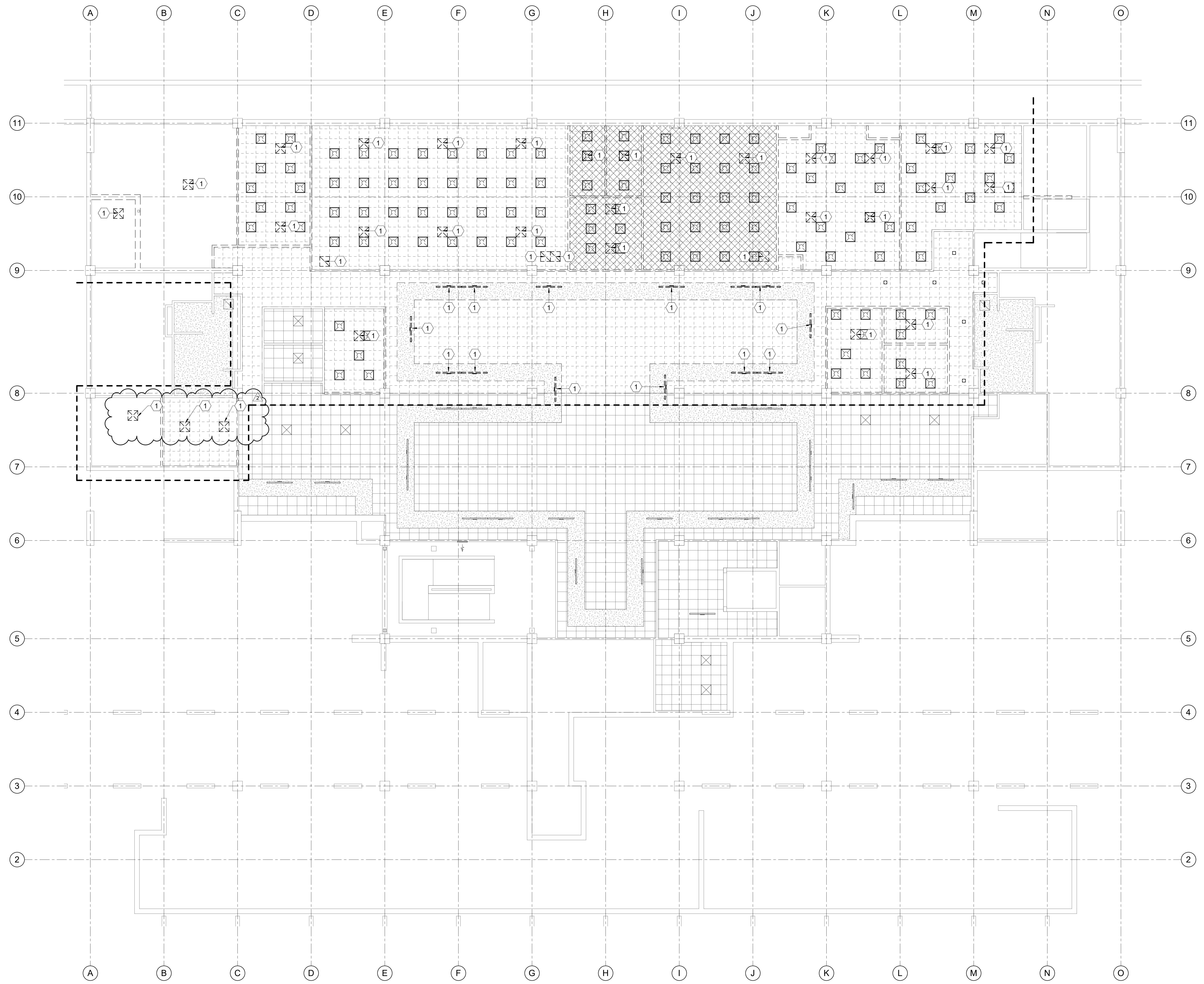
Manufacturer

GRDs

Hart & Cooley

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1 LOWER LEVEL MECHANICAL CEILING DEMO PLAN
 MD101.1 SCALE 1/8" = 1'-0"

SHEET NOTES

- 1 DEMOLISH EXISTING AIR DEVICE IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

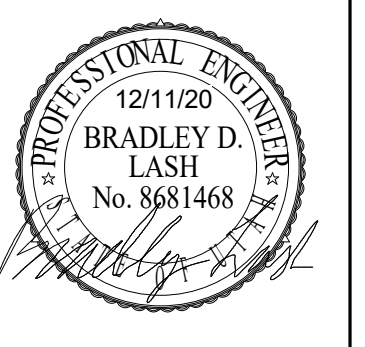
JRCA
ARCHITECTS
 577 South 200 East
 S L C, Utah 84111
 ph: (801) 533-2100
 jrca design.com

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ENGINEERING INC.
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 Sandy, Utah 84070
 801-586-4221, fax 866-8536
 Email: ewalton@whw-engineering.com

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 Taylorsville, UT 84123

PROJECT #: 20029

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2 3/19/21	ADDENDUM 02



VIEW AND PRINT THIS SHEET IN COLOR
LOWER LEVEL MECHANICAL CEILING DEMO PLAN

MD101.1

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A6 LOWER LEVEL MECHANICAL PLAN
 ME101 SCALE 1/8" = 1'-0"

SHEET NOTES

- 1 CONNECT TO EXISTING DUCT AND TRANSITION AS NEED TO MATCH SIZE OF DUCT FOR DIFFUSER NECK SIZE. FIELD VERIFY.
- 2 EXISTING MULTIZONE AHU SHALL REMAIN AND ZONES REBALANCES AS NOTED.
- 3 PROVIDE NEW TEMPERATURE SENSOR IN THIS APPROXIMATE LOCATION. MOUNT 48" AFF. TIE INTO EXISTING JOHNSON CONTROLS SYSTEM AND MATCH CURRENT SEQUENCE OF OPERATION AND GRAPHICS.
- 4 CONNECT EXISTING FLEX DUCT TO NEW DIFFUSER IN THIS APPROXIMATE LOCATION.

GENERAL NOTES:

1. PROVIDE MANUAL BALANCING DAMPER ON ALL NEW SUPPLY AND EXHAUST BRANCHES AND BALANCE TO CFM SHOWN.
2. THE ABOVE CEILING AREA IS A RETURN AIR PLENUM. EVERYTHING IN THE PLENUM SHALL BE PLENUM RATED.

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 Email: wwh@whw-engineering.com

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PROJECT #: 20029

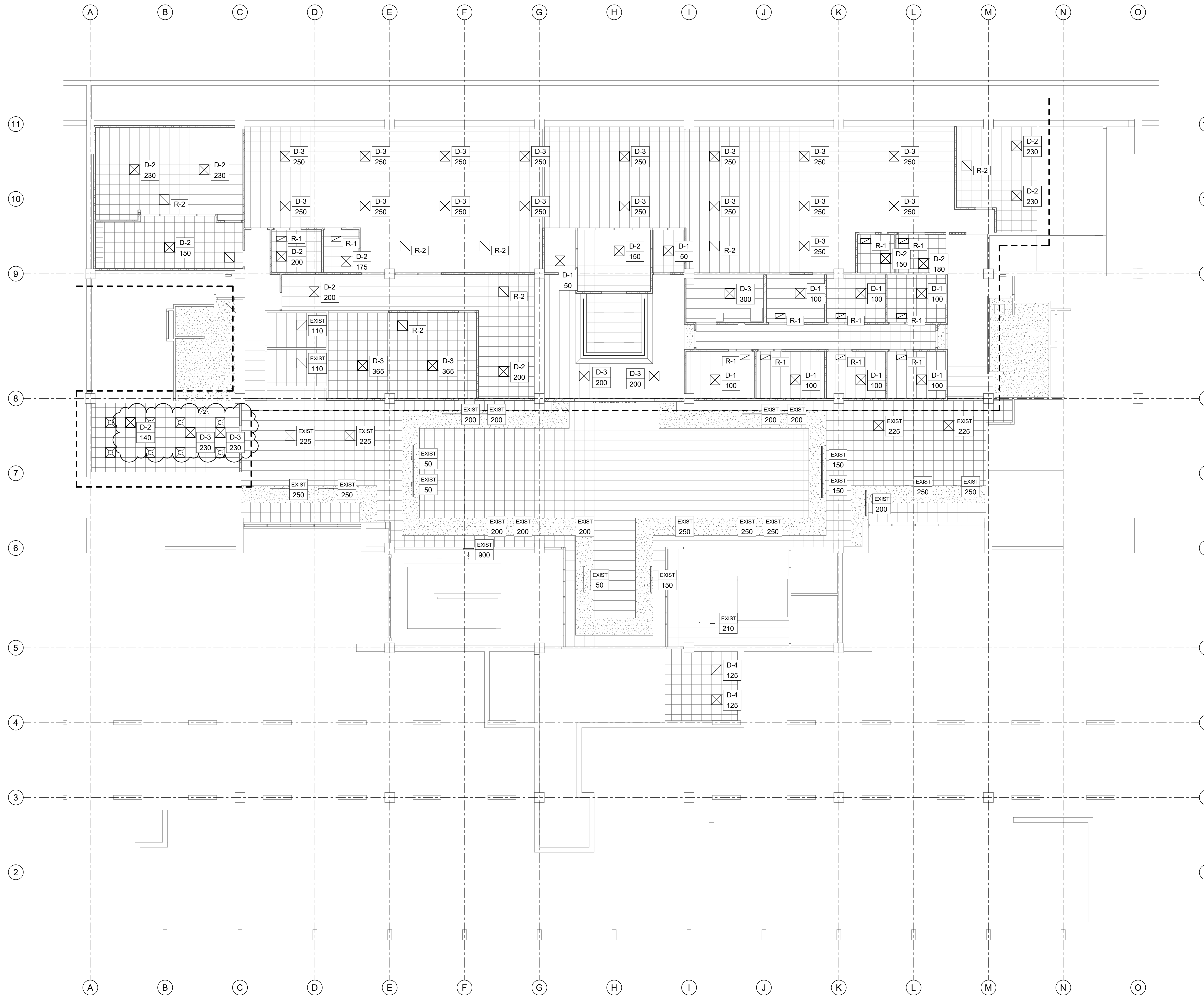
BID DOCUMENT SET	
DATE	REVISION
1 2/9/21	PLAN REVIEW
2 3/19/21	ADDENDUM 02



LOWER LEVEL
 MECHANICAL
 PLAN

ME101

GENERAL NOTES:
 1. REBALANCE ALL DIFFUSERS TO CFM SHOWN BY A CERTIFIED 3RD PARTY TAB CONTRACTOR. SEE SPECIFICATION FOR MORE INFORMATION.



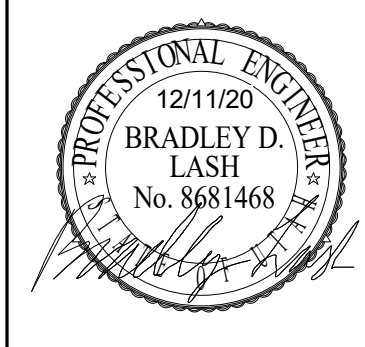
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1 LOWER LEVEL MECHANICAL CEILING PLAN
 ME101.1 SCALE 1/8" = 1'-0"

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2 3/19/21	ADDENDUM 02



LOWER LEVEL
 MECHANICAL
 REFLECTED
 CEILING PLAN

ME101.1

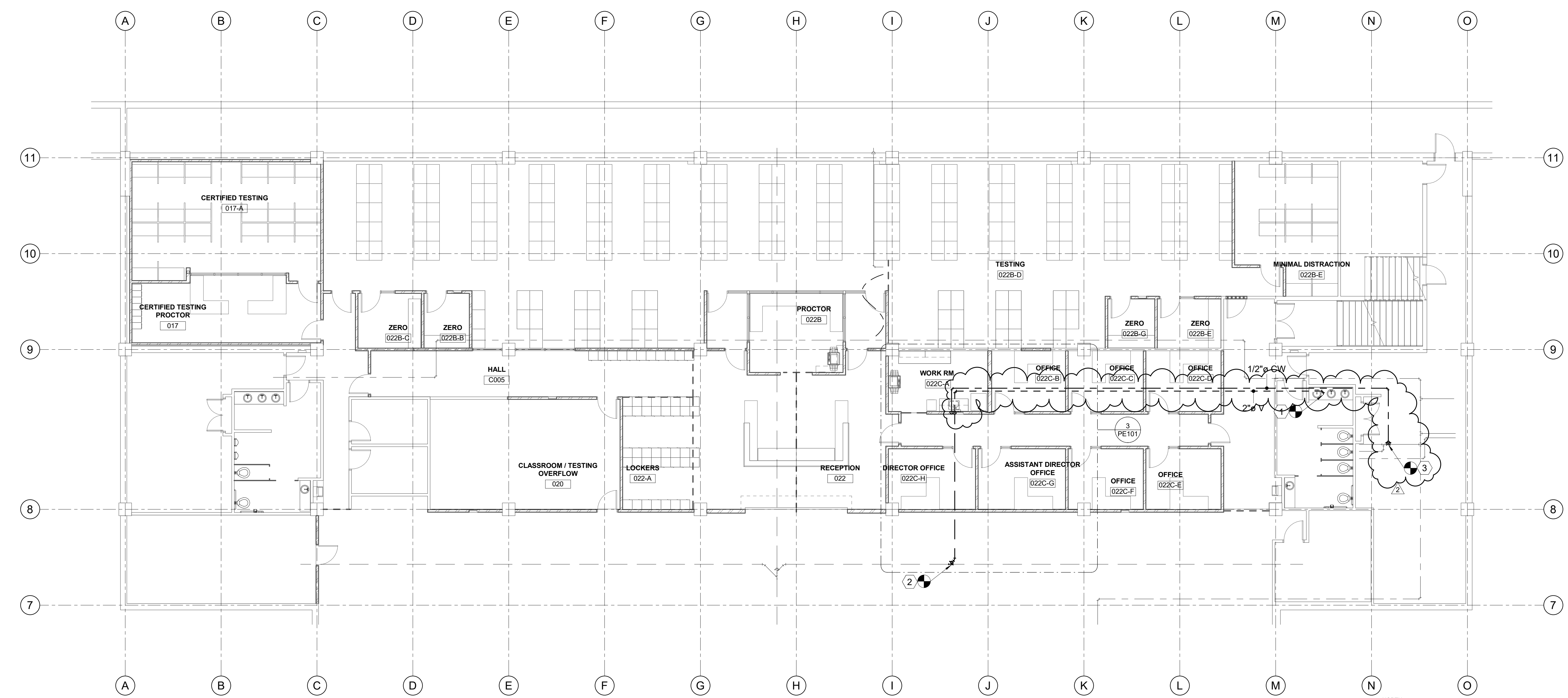
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SHEET NOTES

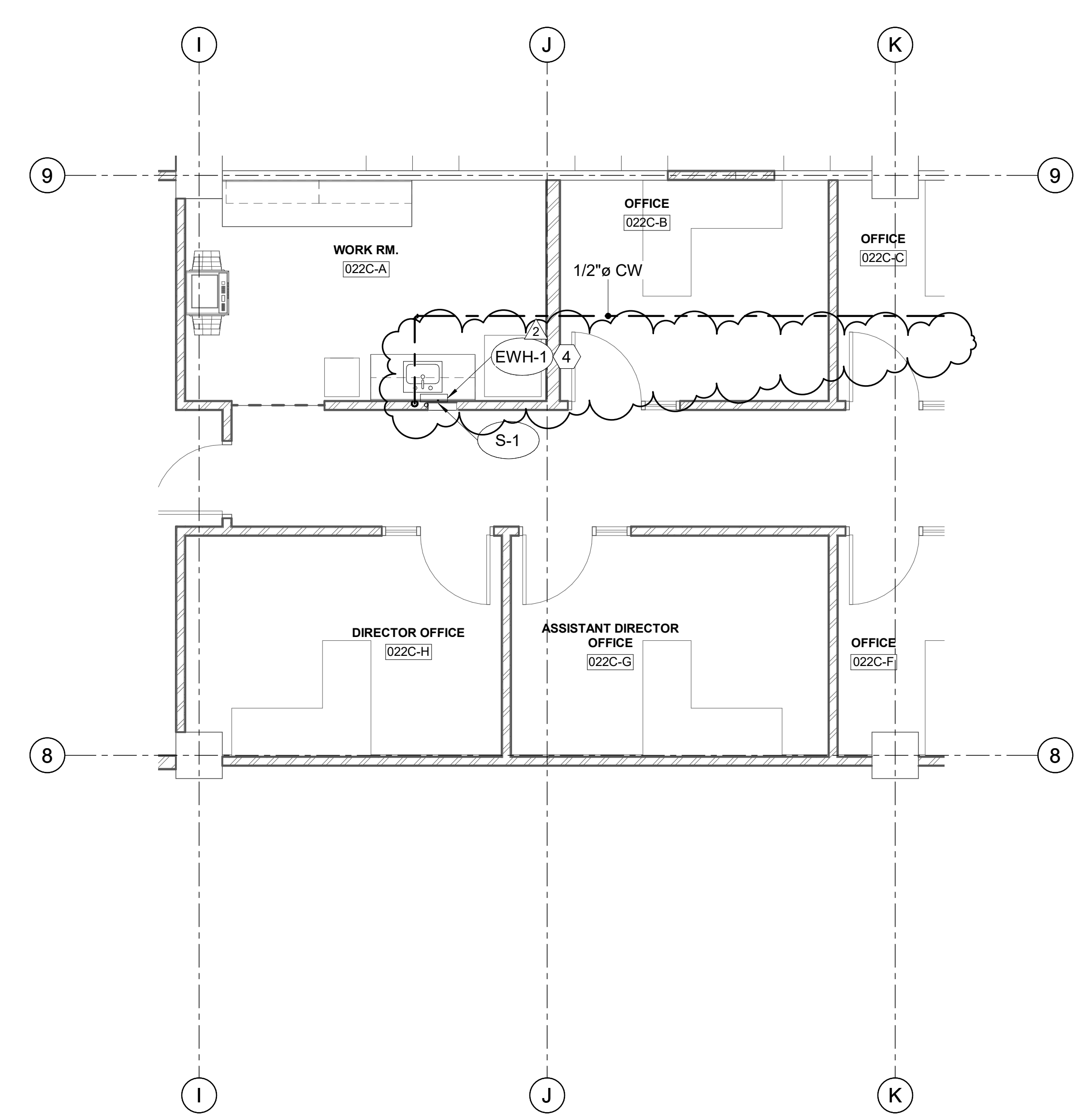
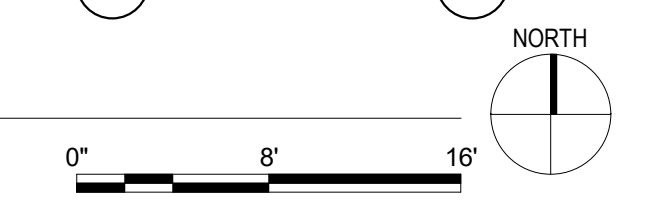
- 1 CONNECT TO EXISTING SANITARY VENT FROM RESTROOM LAVATORIES IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
- 2 CONNECT TO EXISTING SANITARY WASTE IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION AND INVERT.
- 3 CONNECT TO EXISTING DOMESTIC COLD WATER IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
- 4 PROVIDE INSTANTANEOUS HOT WATER HEATER ABOVE CEILING; SEE DETAIL AND SCHEDULE.

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 jrcaesign.com

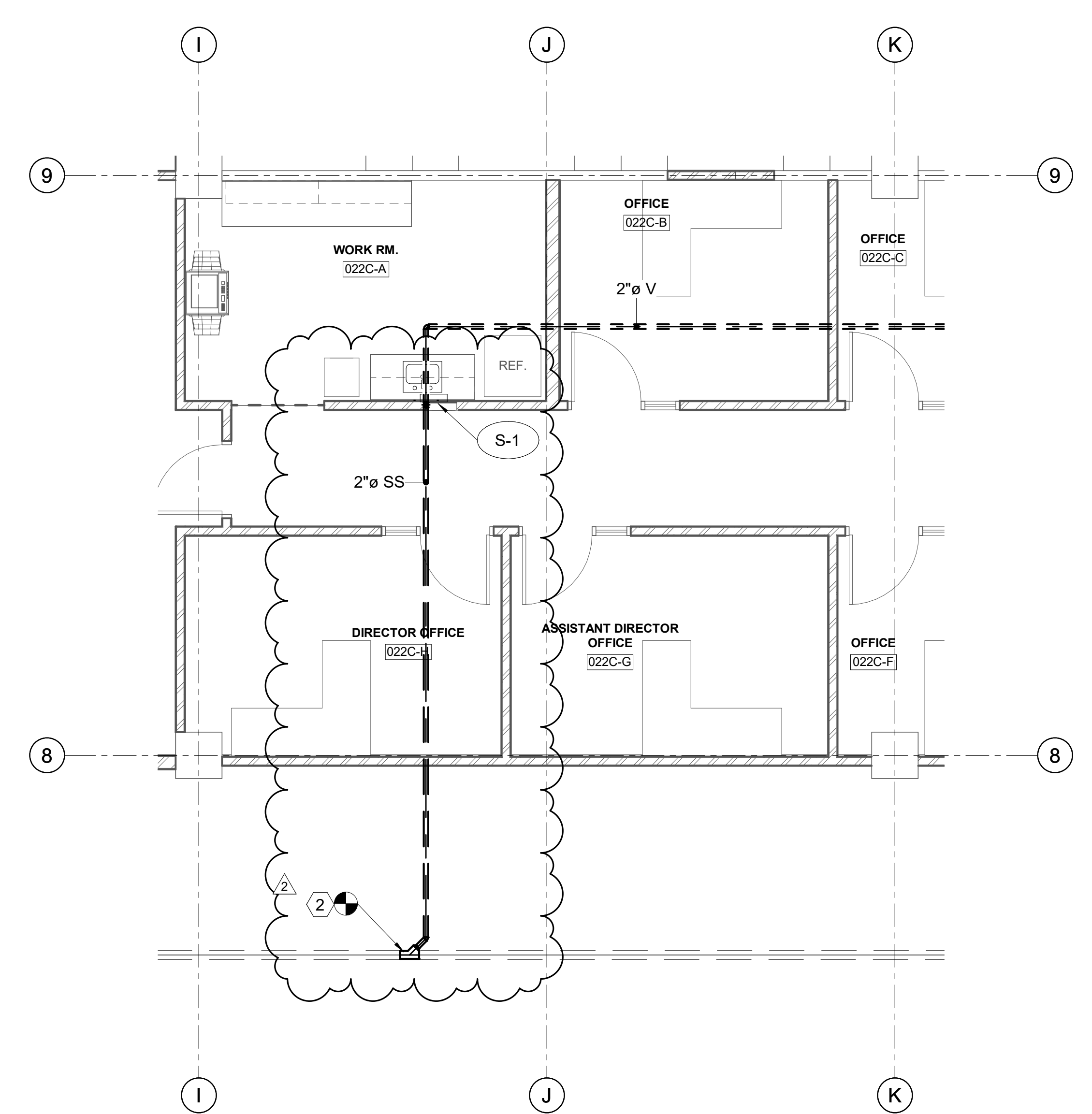
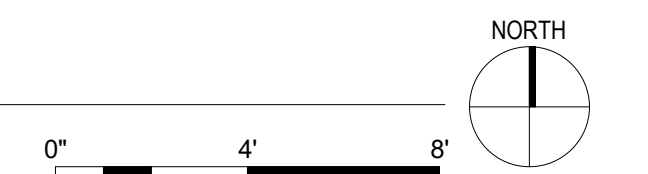
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 801-586-4221, fax 866-8536
 Email: ewalton@whw-engineering.com



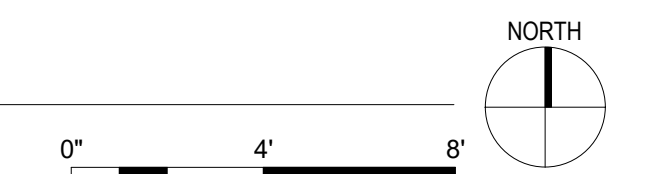
1 LOWER LEVEL PLUMBING PLAN
 SCALE 1/8" = 1'-0"



2 LOWER LEVEL ENLARGED DOMESTIC PLAN
 SCALE 1/4" = 1'-0"



3 LOWER LEVEL ENLARGED WASTE AND VENT PLAN
 SCALE 1/4" = 1'-0"



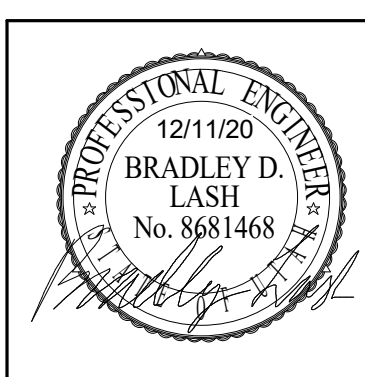
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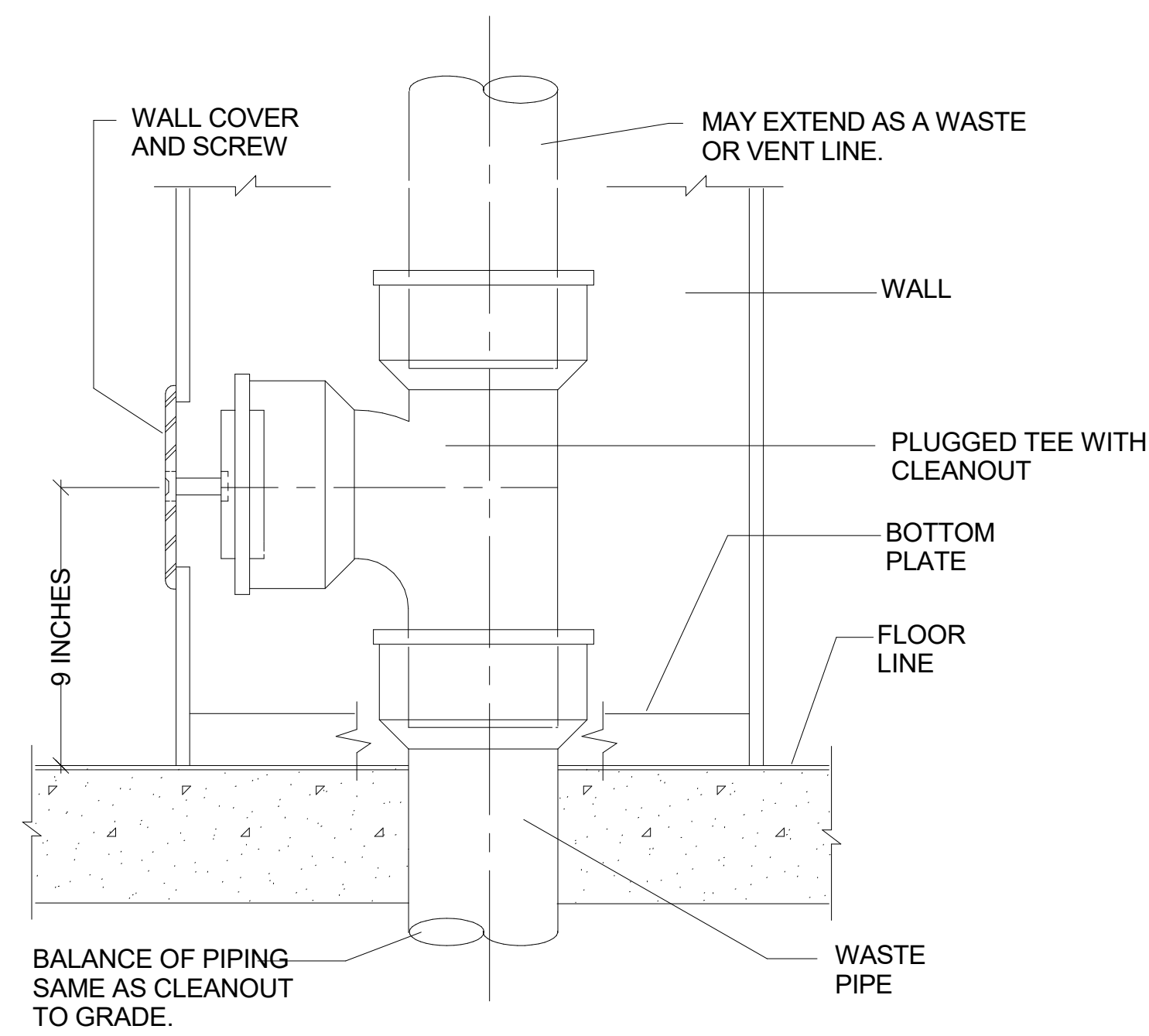
LOWER LEVEL PLUMBING PLAN

PE101

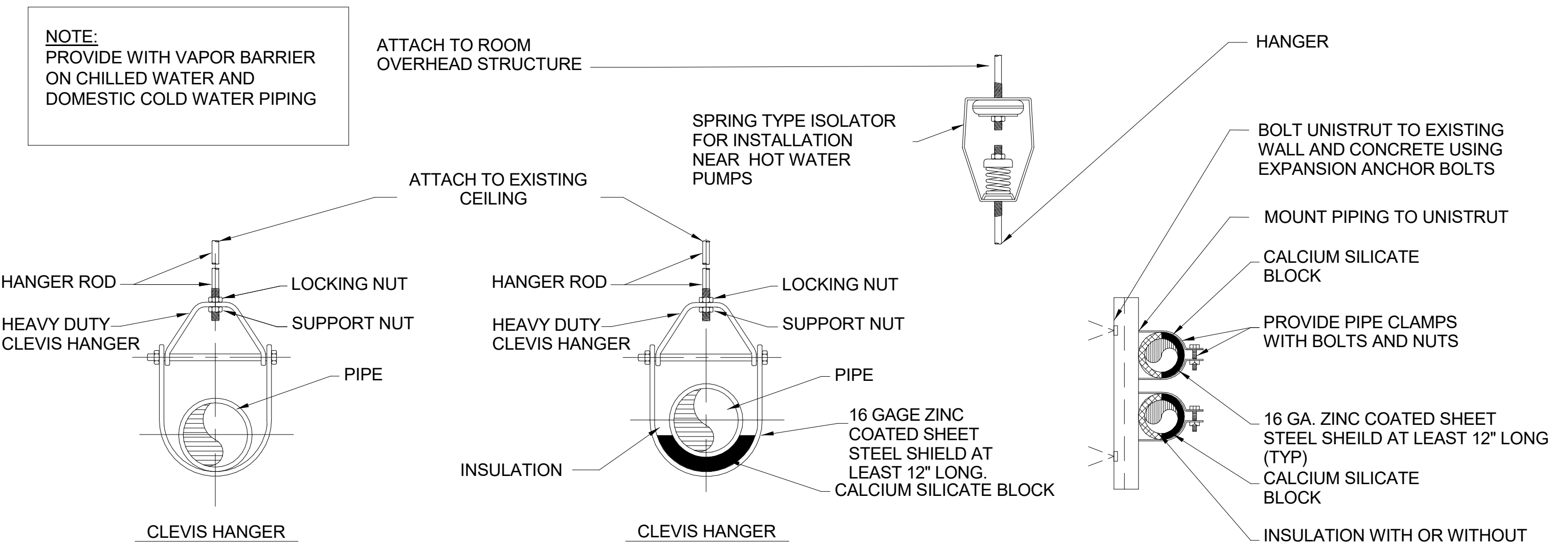
PLUMBING FIXTURE SCHEDULE										
EQUIPMENT NUMBER	FIXTURE	PLUMBING PIPE SIZES					POINT OF USE MIXING VALVE?	MAX OUTLET TEMP	REMARKS	
		TRAP	WASTE	VENT	COLD WATER	HOT WATER				
S-1	SINK	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	Yes	110 °F	COUNTER UNDERMOUNT STAINLESS STEEL SINK, JUST 18 GAUGE OR EQUAL. PROVIDE ZURN Z871B4-XL FAUCET OR APPROVED EQUAL. PROVIDE WITH THERMOSTATIC AND PRESSURE MIXING VALVE.	

WATER HEATER (ELECTRIC) SCHEDULE					
EQUIPMENT NUMBER	WATTAGE	GPM AT 60 DEGREE RISE	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES

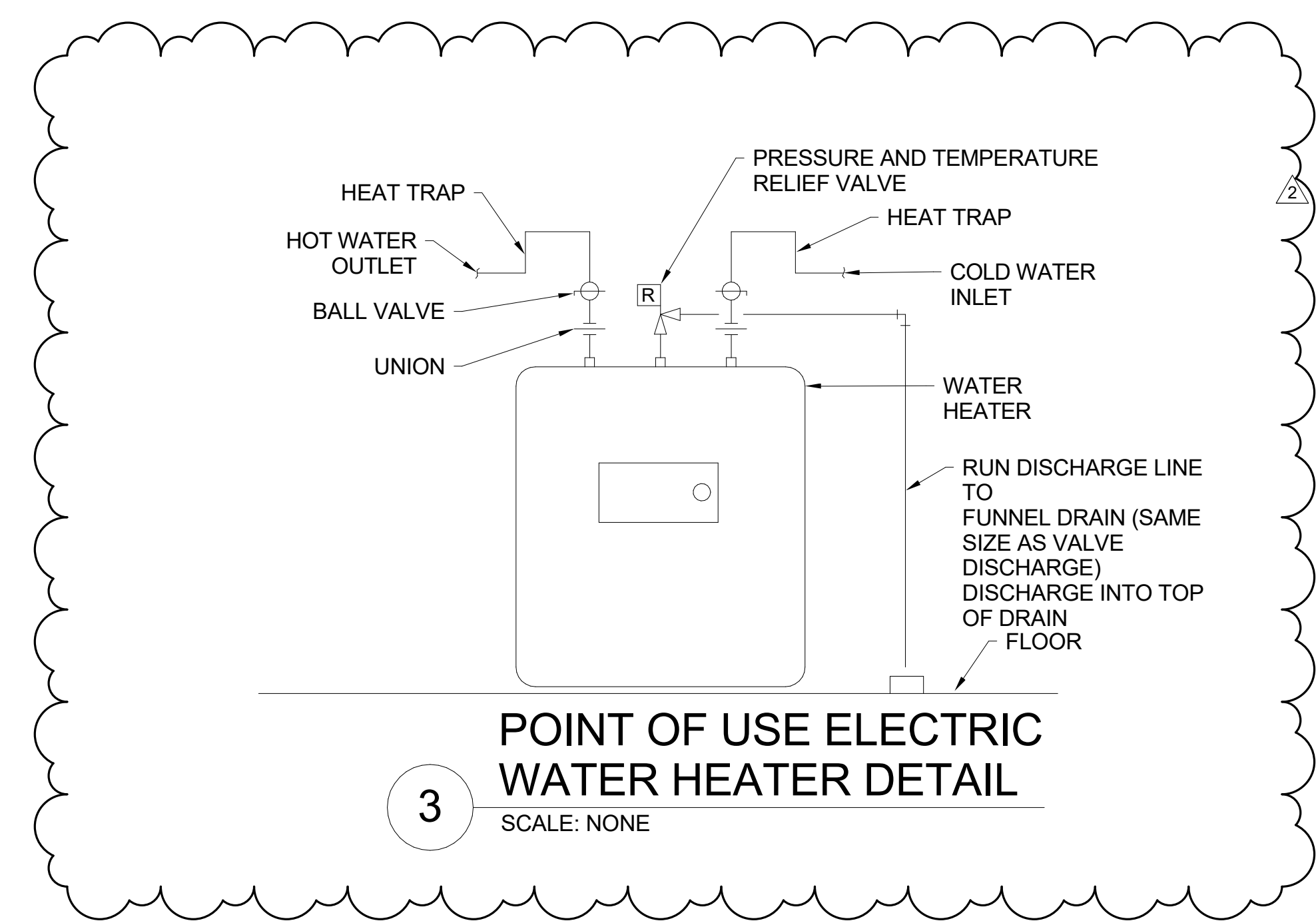
1. PROVIDE EEMAX OR PRIOR APPROVED EQUAL.
2. 208/1/60 - 60 AMP BREAKER



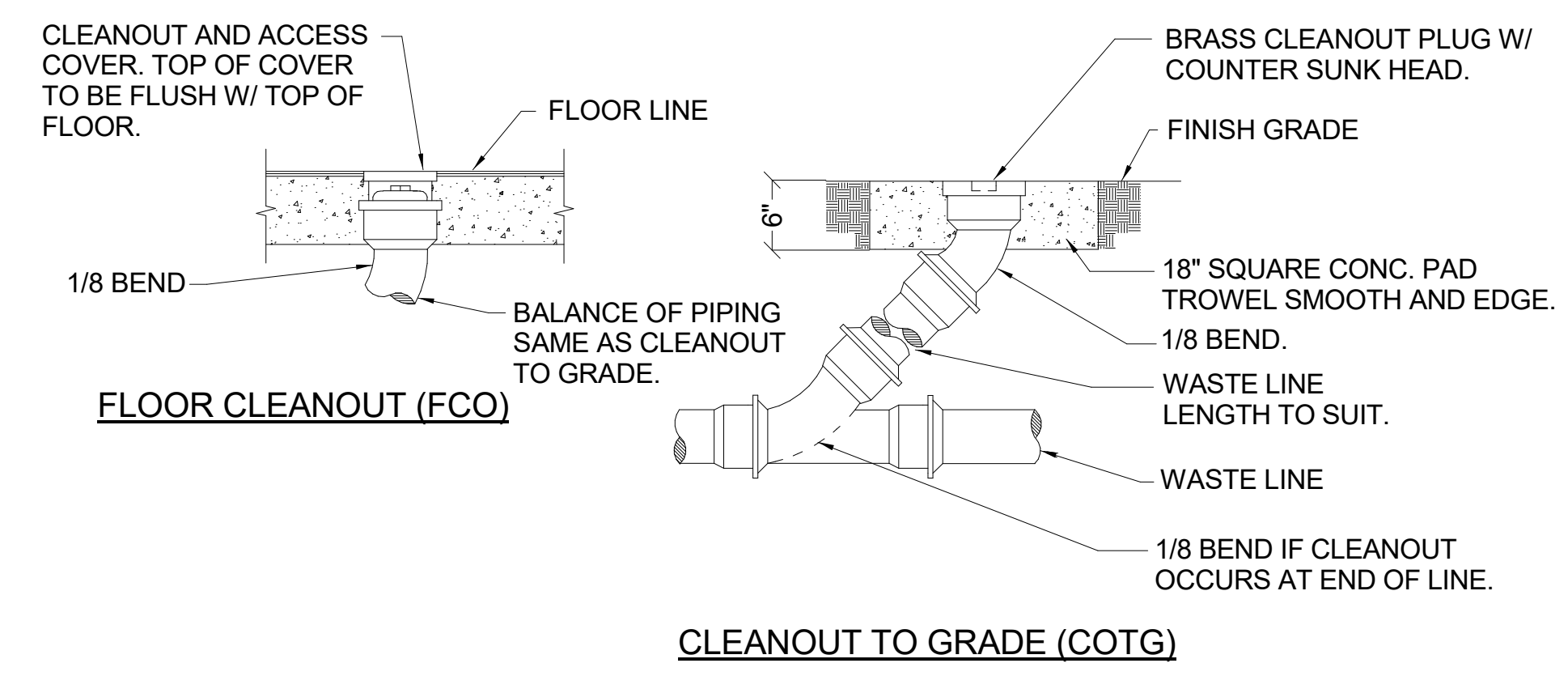
1 WALL CLEAN-OUT DETAIL
SCALE: NONE



2 PIPE HANGER DETAIL



3 POINT OF USE ELECTRIC WATER HEATER DETAIL
SCALE: NONE



4 CLEAN-OUT DETAILS
SCALE: NONE

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PROJECT #: 20029

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3/19/21	ADDENDUM 02



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PLUMBING
DETAILS AND
SCHEDULES

PE501



ELECTRICAL ADDENDUM #02

To: Scott Holmes **From:** Alex Ecton
Company: JRCA Architects
Date: March 19, 2021
Project: SLCC Testing Center

The following changes as described below are issued as an addendum to the construction documents prior to bid submittal due date. The contractors are responsible to ensure all addendum additions and/or changes are included in their bid.

RFI Questions:

QUESTIONS

ED101 Electrical Demo RCP. Note D10 is not consistent with Ae161 RCP. In that it does not clarify that the cove lighting is part of an add alternate. Please clarify which is the case. This issue also applies to note L5 on EL101 lighting.

RESPONSES

The area that is part of Add Alternate #1 is outlined with a dashed line that is labeled "ADD ALTERNATE #1" on both ED101 and EL101. All fixtures and notations located within that outlined area is part of Add Alternate #1, including keyed notes D10 and L5.

EP101 Power. There are some devices that have the appearance of being new noted in Telecom room 026. This room is outside the scope of the project. Are these devices to be include in this project?

Yes, they are to be part of the scope. The outlets are required for a new telecom rack provided by SLCC.

Drawings:

#:	Sheet:	Description:
1	ED101	Added keyed notes 'D12'.
2	EL101	Added new lights and controls in Storage 007.
3	EP101	Added EWH-1 to Workroom 022C-A.
4	EP501	Added EWH-1 to the Equipment Schedule.
5	EP801	Added breaker for EWH-1 to panel L1A.
6	EP803	Revised Load Schedule.

Attachments:

< SLCC Testing Center_Electrical Addendum #02_drawings_2021-03-19.pdf >

BID SET	
DATE	REVISION
2/17/2021	
3/19/21	ADDENDUM #2



VIEW AND PRINT THIS SHEET IN COLOR

LOWER LEVEL -
DEMOLITION
REFLECTED
CEILING PLAN

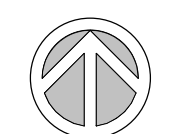
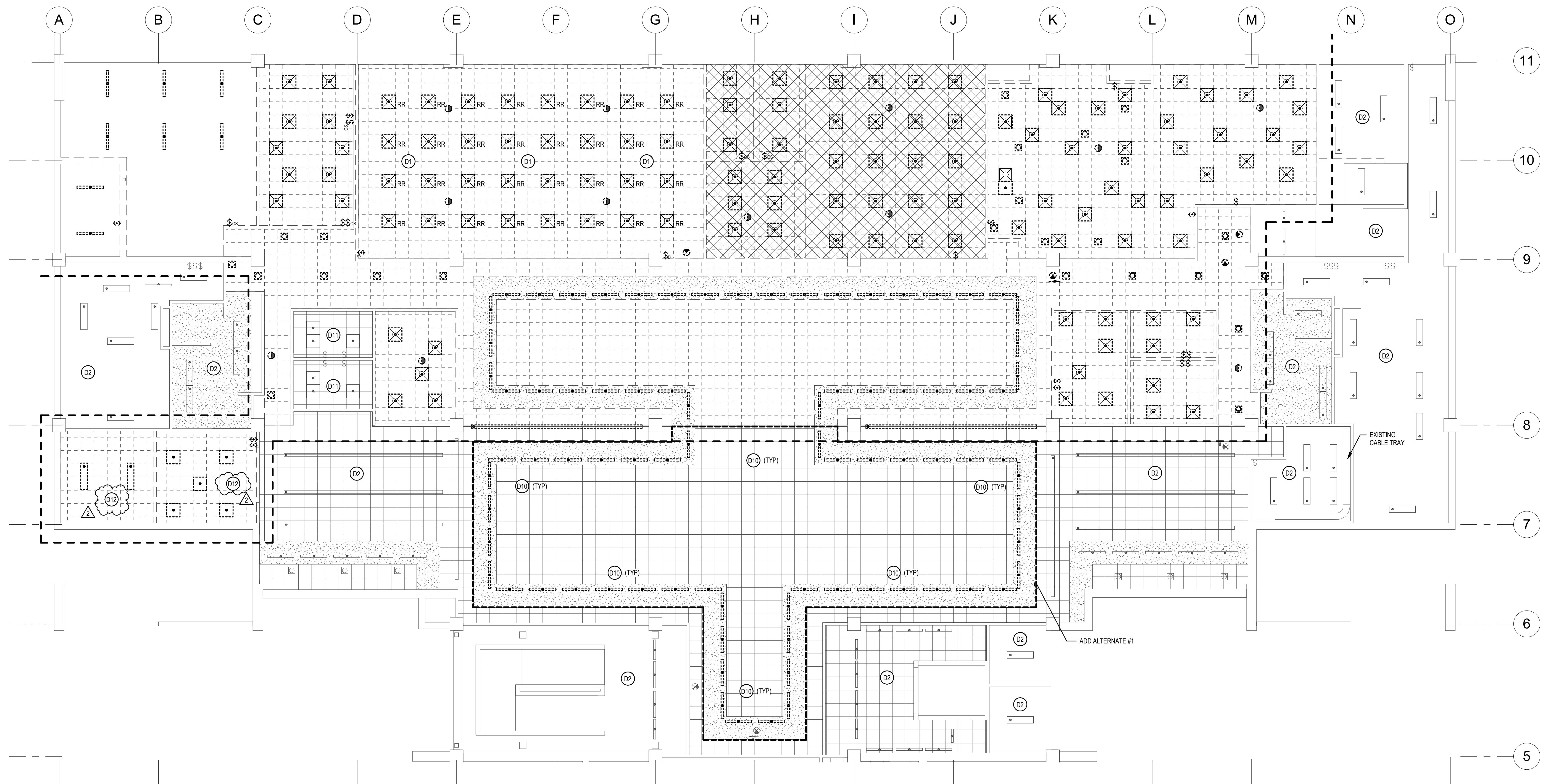
ED101

KEYED NOTES #

- D1 EXISTING LIGHT FIXTURES IN THIS ROOM SHALL BE STORED, CLEANED, REPAIRED AS NECESSARY, PROTECTED, AND REUSED. ANY BROKEN LENSES SHALL BE REPLACED WITH NEW FROM THE EXISTING MANUFACTURER. REFER TO EL101 FOR ADDITIONAL INFORMATION.
- D2 EXISTING LIGHTING, WIRING DEVICES, EQUIPMENT, ETC. IN THIS SPACE SHALL REMAIN. PROTECT AND MAINTAIN CONNECTIVITY THROUGHOUT CONSTRUCTION.
- D10 THE EXISTING FLUORESCENT COVE LIGHTING SHALL BE RETROFITTED WITH NEW LED LAMPING. DEMOLISH ALL FLUORESCENT LAMPS, THE LUMINAIRE HOUSING, CONDUIT, CONDUCTORS, ETC. SHALL REMAIN TO BE UTILIZED IN RETROFIT. CONTROLLED LIGHTING CIRCUITS SHALL BE UTILIZED FOR NEW RETROFIT LIGHT FIXTURES. CONFIRM NUMBER OF EXISTING 4', 3', 3 LAMP, AND 2 LAMP FIXTURES PRIOR TO DEMOLITION AND ORDERING OF NEW RETROFIT FIXTURES.
- D11 EXISTING LIGHTING, WIRING DEVICES, EQUIPMENT, ETC. IN THIS SPACE SHALL REMAIN. PROTECT AND MAINTAIN OUTLET CONNECTIVITY THROUGHOUT CONSTRUCTION. THE EXISTING LIGHTING SHALL BE TEMPORARILY DISCONNECTED AND THEN TIED TO NEW LIGHTING CIRCUIT. REFER TO EL DRAWINGS FOR ADDITIONAL INFORMATION.
- D12 THE EXISTING LIGHTING CIRCUIT SHALL BE UTILIZED FOR THE NEW LIGHTING IN THIS SPACE.

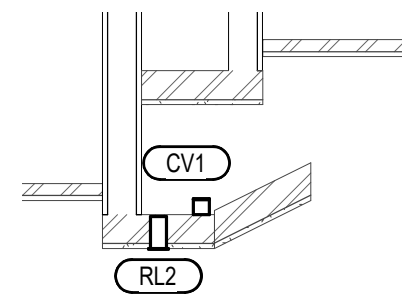
GENERAL DEMOLITION NOTES:

1. UNLESS SPECIFICALLY NOTED OTHERWISE, REMOVE ALL ELECTRICAL ITEMS SHOWN IN DARK AND DASHED LINES. LIGHT AND SOLID ITEMS ARE TO REMAIN. DEMOLITION ITEMS ARE SHOWN TO GIVE A BASIC DESCRIPTION OF THE EXTENT OF DEMOLITION WORK, BUT MAY NOT BE INCLUSIVE. PROVIDE DEMOLITION WORK IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS.
 - A. DISCONNECT AND REMOVE ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK WHETHER SHOWN OR NOT.
 - B. RELOCATE, REWIRE, AND/OR RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
 - C. LEAVE ALL EXISTING FIXTURES, DEVICES, EQUIPMENT, ETC. IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC.
 - D. REMOVE AND DISPOSE OF ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED. TERMINATE AT ACCESSIBLE JUNCTION BOX BY PROVIDING PROPER KNOCK-OUT CLOSURE, TAPE CONDUCTORS, LABEL AS "SPARE" WITH CIRCUIT NO., ZONE NO, OR OTHER CHARACTERISTIC IDENTIFYING SOURCE.
 - E. EXISTING RACEWAYS MAY BE REUSED, IF IN PLACE, WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. UPGRADE AND OR PROVIDE NEW CONDUIT SUPPORTS WHERE NECESSARY FOR ALL RACEWAYS BEING REUSED. ENSURE INTEGRITY OF EXISTING RACEWAYS BEFORE REUSE.
 - F. CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. THE USE OF WIREMOLD IS PERMITTED ONLY WHERE SPECIFICALLY NOTED ON DRAWING.
 - G. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
 - H. COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.
 - I. FIRE ALARM SYSTEM MUST REMAIN OPERATIONAL DURING ALL PHASES OF CONSTRUCTION.
 - J. ALL DEMOLISHED SECURITY DEVICES SHALL BE RETURNED TO SLCC.



1 LOWER LEVEL - DEMOLITION REFLECTED CEILING PLAN
ED101 SCALE 1/8" = 1'-0"

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2 RECEPTION COVE SECTION VIEW
SCALE: 1/2" = 1'-0"

KEYED NOTES (E)

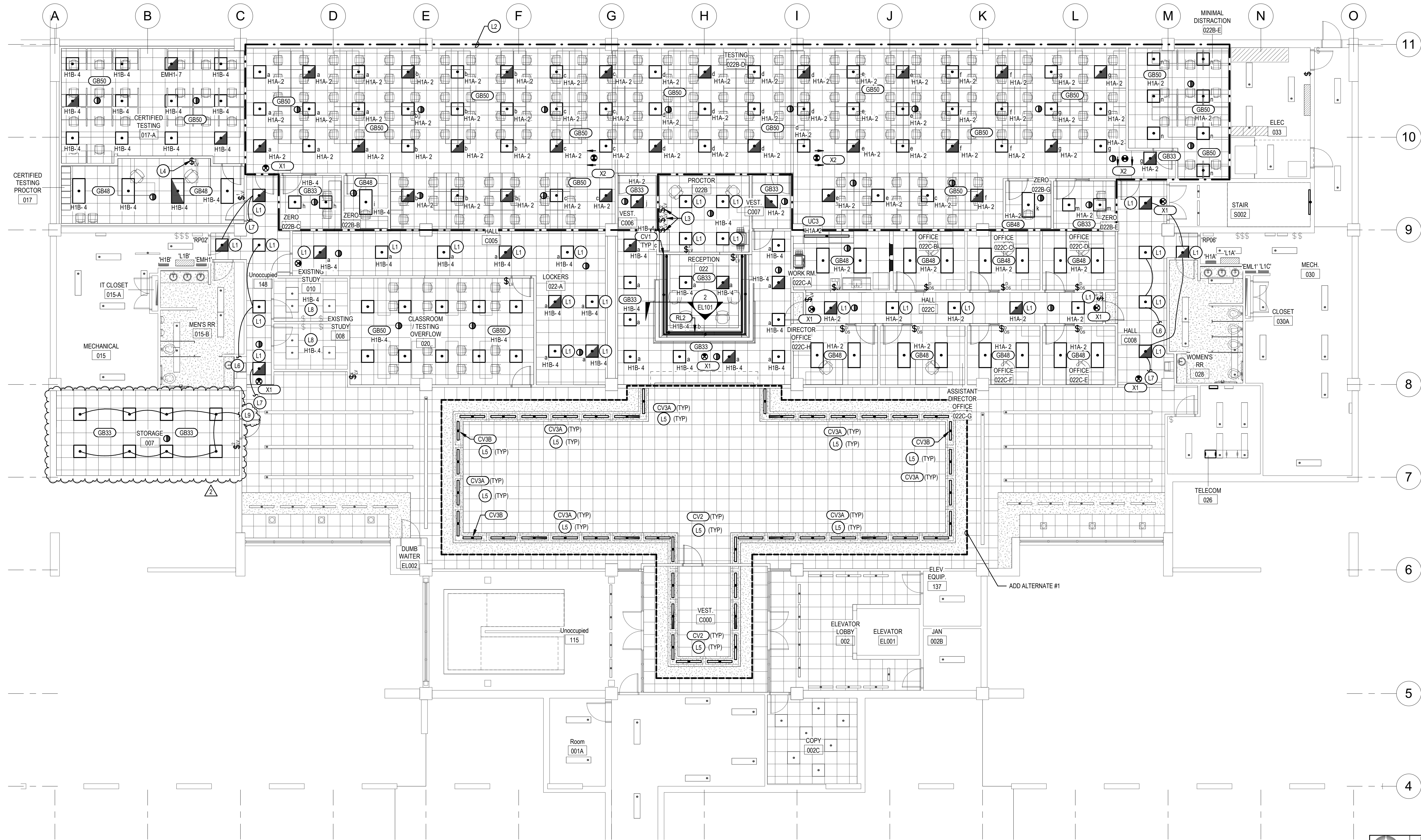
- L1 NEW LOCATION OF EXISTING LIGHT FIXTURE. TIE TO CIRCUIT INDICATED. PROVIDE NEW EM BATTERY PACK AS REQUIRED FOR EXISTING FIXTURES SHOWN AS EMERGENCY.
- L2 ROOMS IN THIS AREA SHALL BE TIED TOGETHER AND CONTROLLED BY SWITCH INDICATED BY KEYED NOTE L3.
- L3 THE INDICATED SWITCHES SHALL CONTROL TESTING ROOMS INDICATED. REFER TO KEYED NOTE 'L2'. LV5 SHALL INDIVIDUALLY SWITCH EACH ZONE, AND LV2 SHALL SWITCH AND DIM ALL ZONES.
- L4 THE INDICATED SWITCH SHALL CONTROL LIGHTING IN CERTIFIED TESTING 122.

KEYED NOTES (F)

- L5 REPLACED EXISTING COVE LIGHTING WITH NEW FIXTURE INDICATED. UTILIZE EXISTING CONTROLLED LIGHTING CIRCUITS. PROVIDE NEW CONDUIT AND CONDUCTORS AS REQUIRED.
- L6 TIE LIGHT FIXTURES TO EXISTING CONTROLLED CIRCUIT USED IN EXISTING OPEN AREA. PROVIDE ADDITIONAL CONDUIT AND CONDUCTORS AS REQUIRED.
- L7 TIE LIGHT FIXTURES TO EXISTING CONTROLLED EMERGENCY CIRCUIT USED IN EXISTING OPEN AREA. PROVIDE ADDITIONAL CONDUIT AND CONDUCTORS AS REQUIRED.
- L8 TIE EXISTING LIGHTING TO NEW CIRCUIT SHOWN. UTILIZE EXISTING CONTROLS IN ROOM, CONDUIT, CONDUCTORS, ETC. PROVIDE NEW CONDUIT AND CONDUCTORS AS REQUIRED.
- L9 TIE NEW LIGHTING AND NEW CONTROLS TO THE EXISTING LIGHTING CIRCUIT. PROVIDE ADDITIONAL CONDUIT AND CONDUCTORS AS REQUIRED.

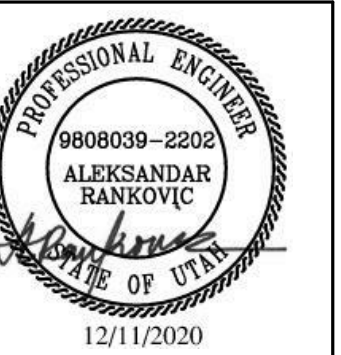
LIGHTING GENERAL NOTES:

1. REFER TO LIGHTING DETAILS SHEETS FOR TYPICAL CONTROL WIRING DIAGRAMS. PROVIDE COMPLETE SYSTEM WITH ALL REQUIRED CONDUIT, WIRING, SWITCHES, SENSORS, POWER PACK, ETC.
2. LOCATE POWER PACKS AND ROOM CONTROLLERS ABOVE ACCESSIBLE CEILING NEAR ROOM ENTRANCES.
3. CONFIRM ALL LOCATIONS OF LIGHT FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION.
4. PROVIDE UNSWITCHED HOT FOR ALL EMERGENCY LIGHTS AND BATTERY PACKS.



1 LOWER LEVEL - LIGHTING PLAN
SCALE: 1/8" = 1'-0"

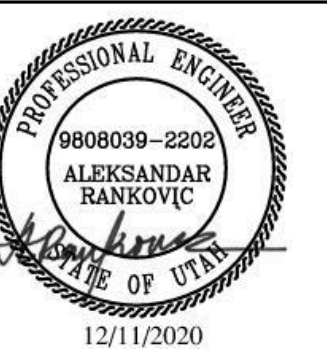
BID SET	
DATE	REVISION
2/17/2021	
3/19/21	ADDENDUM #2



VIEW AND PRINT THIS SHEET IN COLOR

LOWER LEVEL -
LIGHTING PLAN

BID SET	
2/17/2021	
DATE	REVISION
1 3/12/21	ADDENDUM #1
2 3/19/21	ADDENDUM #2

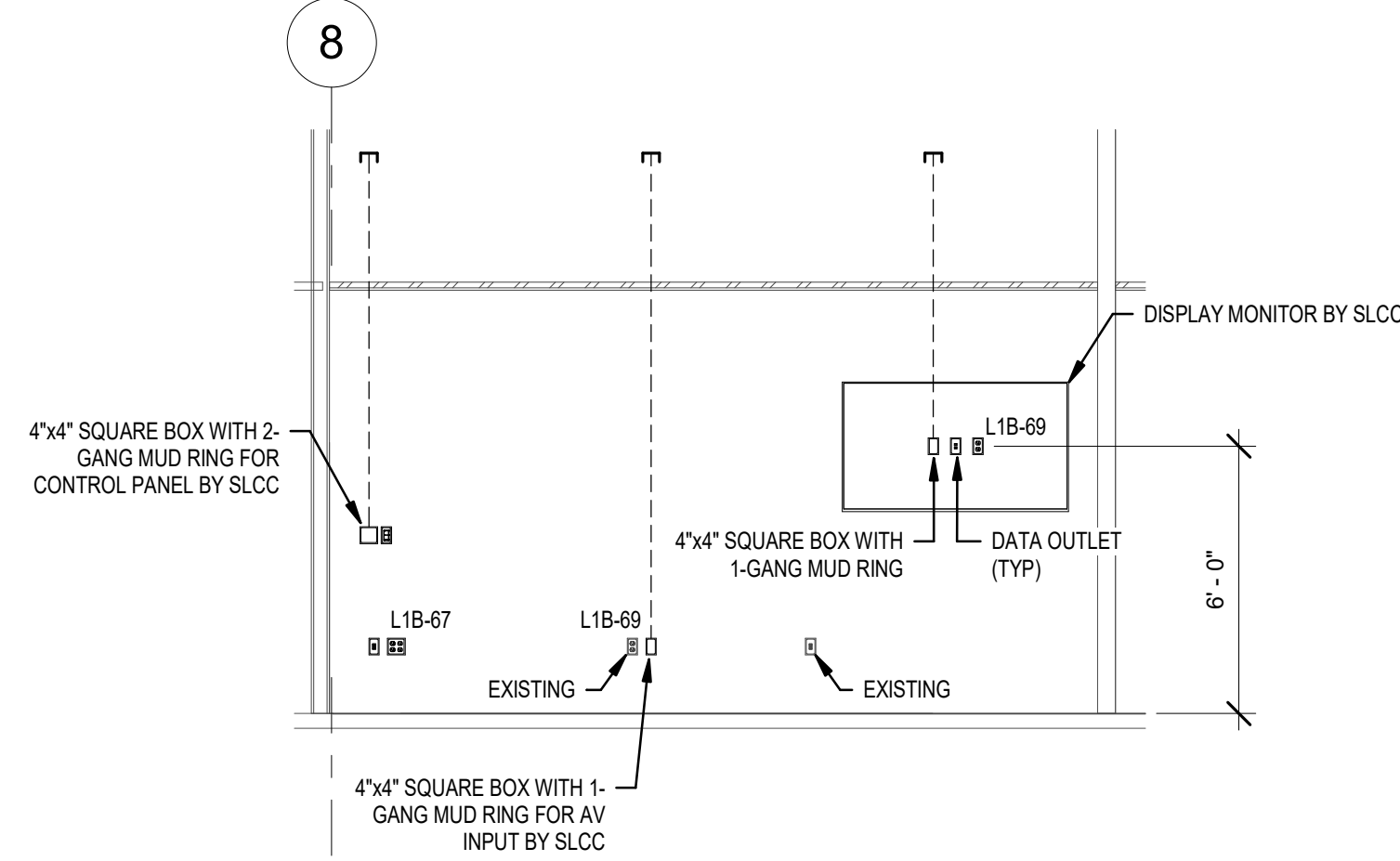


KEYED NOTES (P)

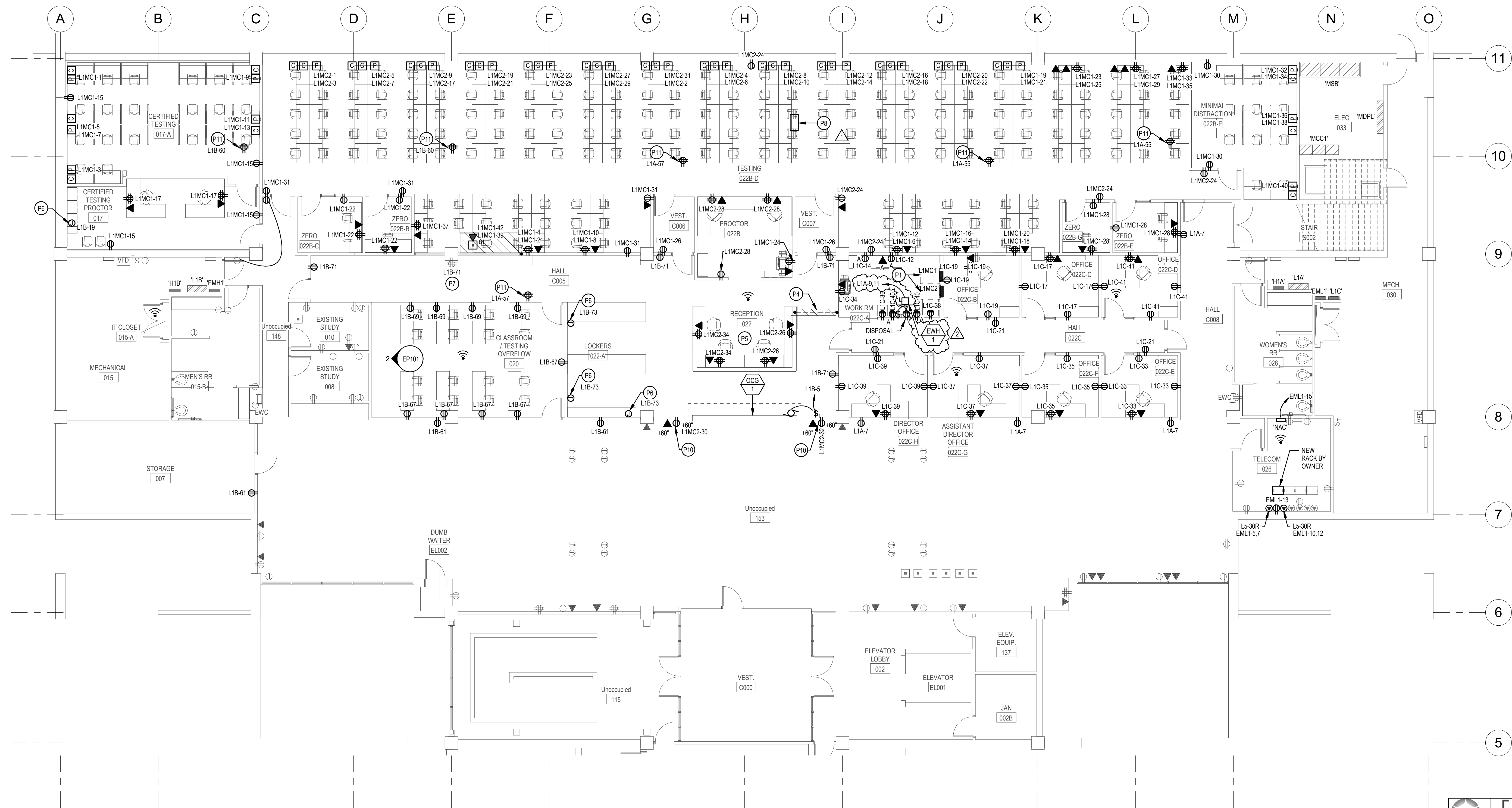
- P1 NEW LOCATION OF EXISTING PANELS. REFER TO KEYED NOTE 'P8' AND SHEET EP701 FOR ADDITIONAL INFORMATION.
- P4 RUN NEW POWER AND DATA CONDUIT UNDER SLAB AND STUB UP INTO RECEPTION DESK WALL. SAW CUT EXISTING SLAB AS REQUIRED. PATCH AND REPAIR SLAB. PULL 1" CONDUIT FOR DATA CABLES.
- P6 PROVIDE HARDWARE POWER FOR LOCKERS. COORDINATE EXACT CONNECTION REQUIREMENTS WITH LOCKER SUPPLIER AND ARCHITECT.
- P7 TIE EXISTING OUTLET TO NEW CIRCUIT SHOWN.
- P8 PROVIDE PULL BOX TO INTERCEPT EXISTING OVERHEAD FEED TO PANELS L1MC1 AND L1MC2. EXTEND FEEDER TO NEW LOCATIONS SHOWN. REFER TO EP701 FOR ADDITIONAL INFORMATION. PROVIDE JUNCTION BOXES AS REQUIRED FOR EXISTING TO REMAIN BRANCH CIRCUITS THAT ARE TO BE EXTENDED TO NEW PANEL LOCATIONS. PROVIDE ADDITIONAL CONDUIT AND CONDUCTORS AS REQUIRED. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- P10 TV MONITOR. COORDINATE EXACT LOCATION WITH SLCC.
- P11 PROVIDE 4-PLEX OUTLET ABOVE ACCESSIBLE CEILING, IN THE STRUCTURE, FOR AV CAMERAS. COORDINATE EXACT LOCATION WITH SLCC.

POWER GENERAL NOTES:

1. ALL 120V, 20AMP OUTLETS THAT ARE WITHIN 6' OF ANY SINK SHALL BE GFCI.
2. THE CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF ALL CONDUITS IN THE FIELD. THIS PLAN REPRESENTS A SCHEMATIC REPRESENTATION OF DEVICE LOCATIONS AND CONDUIT RUNS.

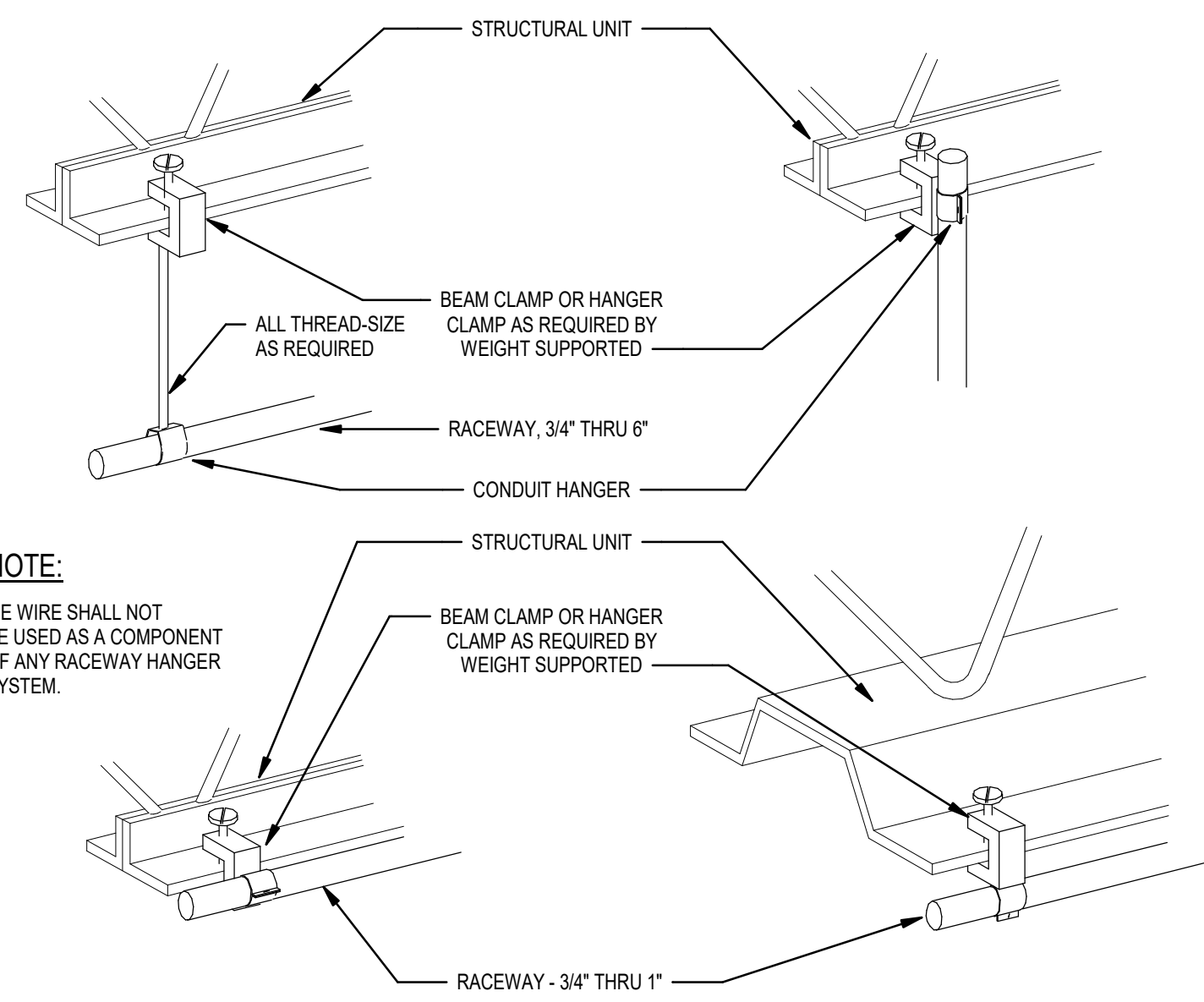


2 CLASSROOM/TESTING OVERFLOW ELEVATION
EP101 SCALE 1/4" = 1'-0"

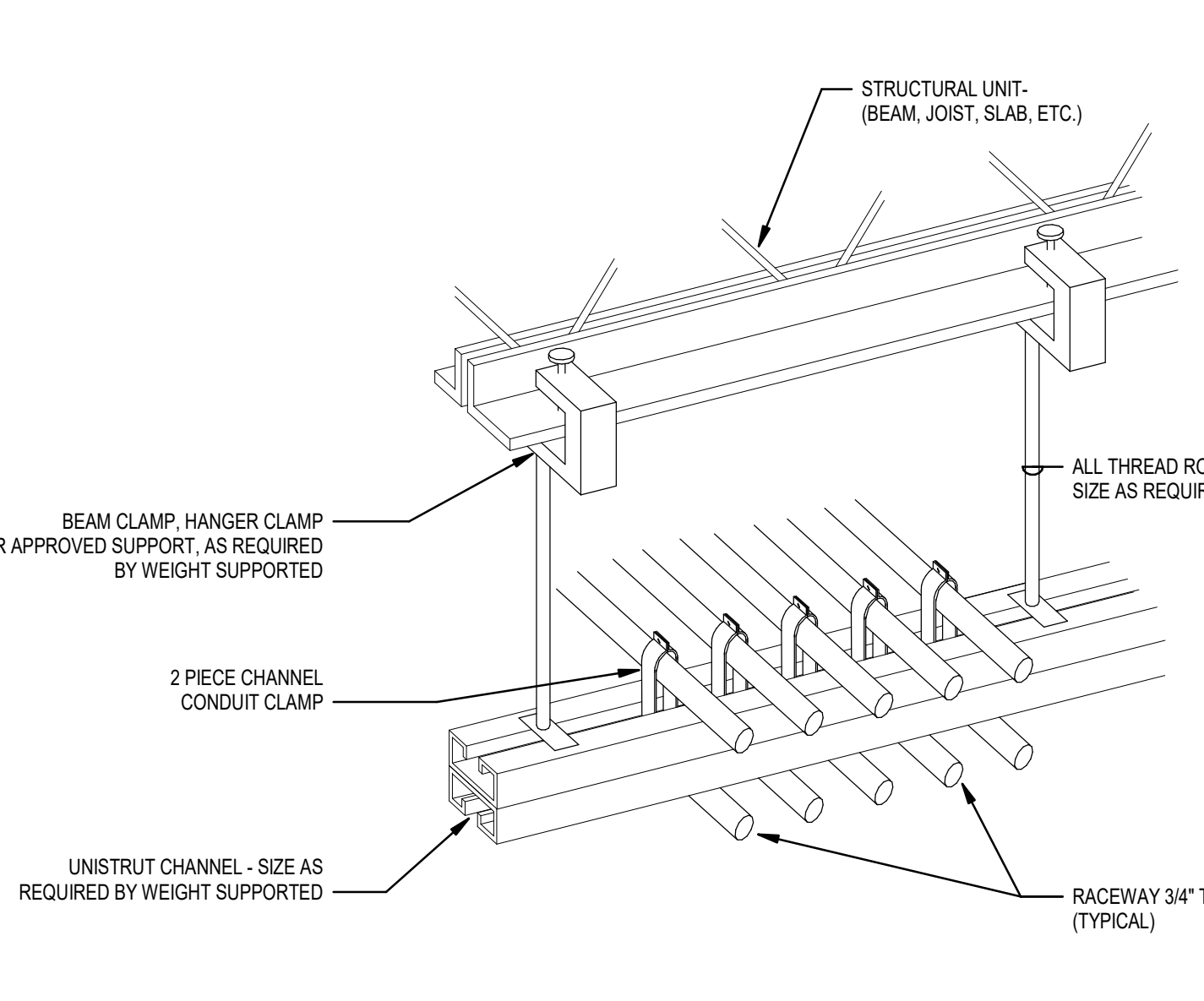


1 LOWER LEVEL - POWER PLAN
EP101 SCALE 1/8" = 1'-0"

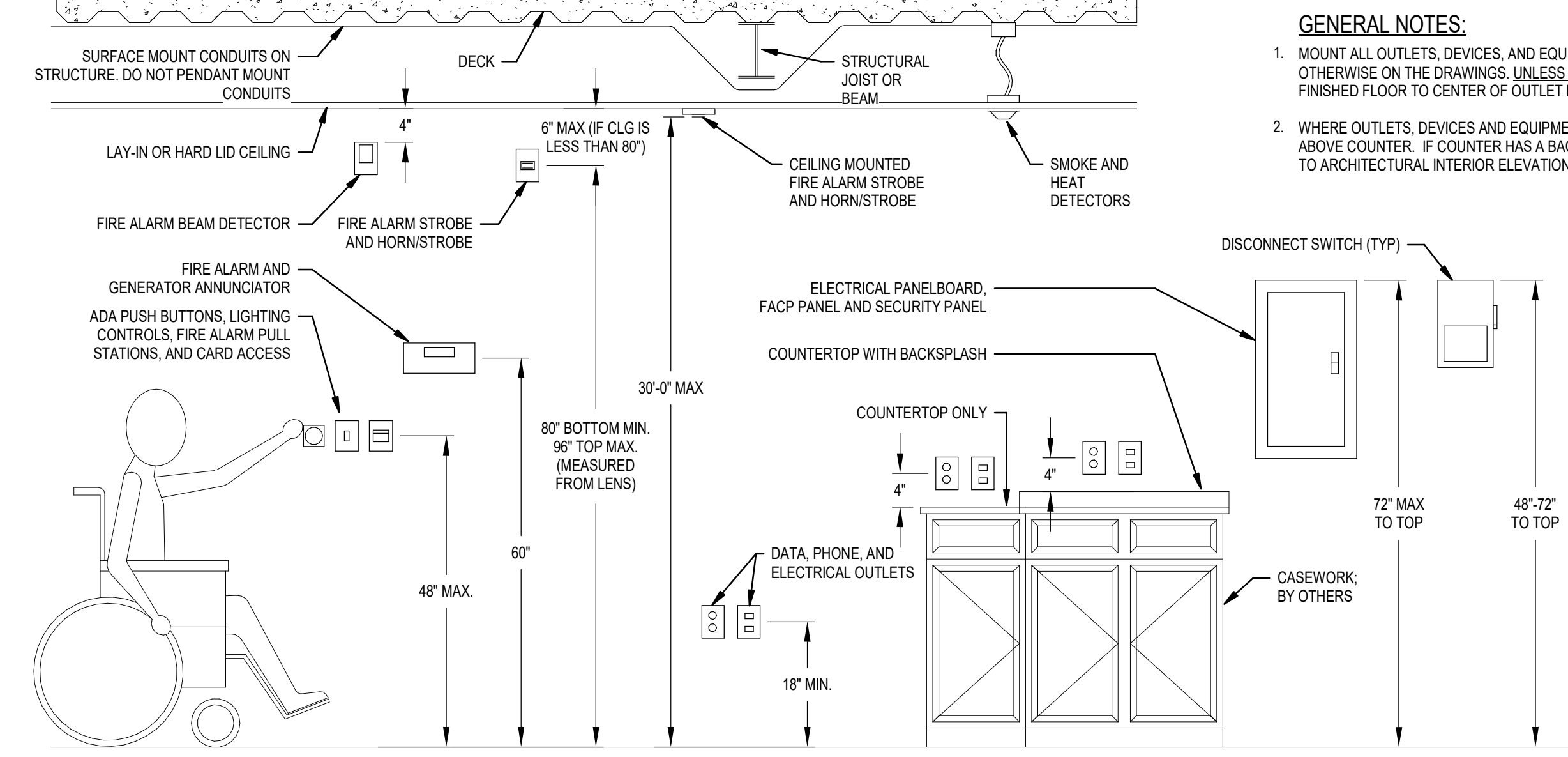
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3 TYPICAL RACEWAY DETAIL
SCALE: NTS

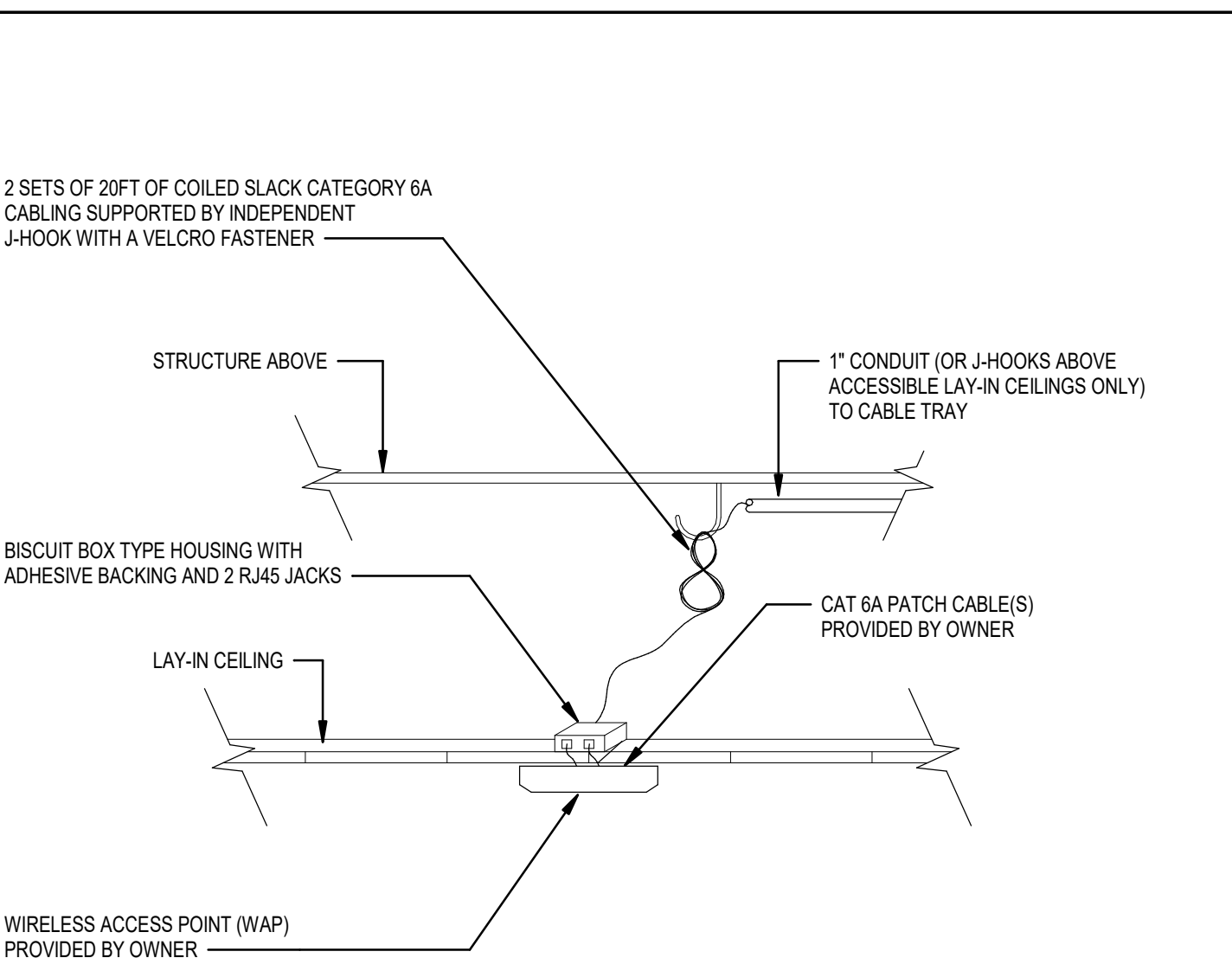


2 MULTIPLE RACEWAY SUPPORT DETAIL
SCALE: NTS

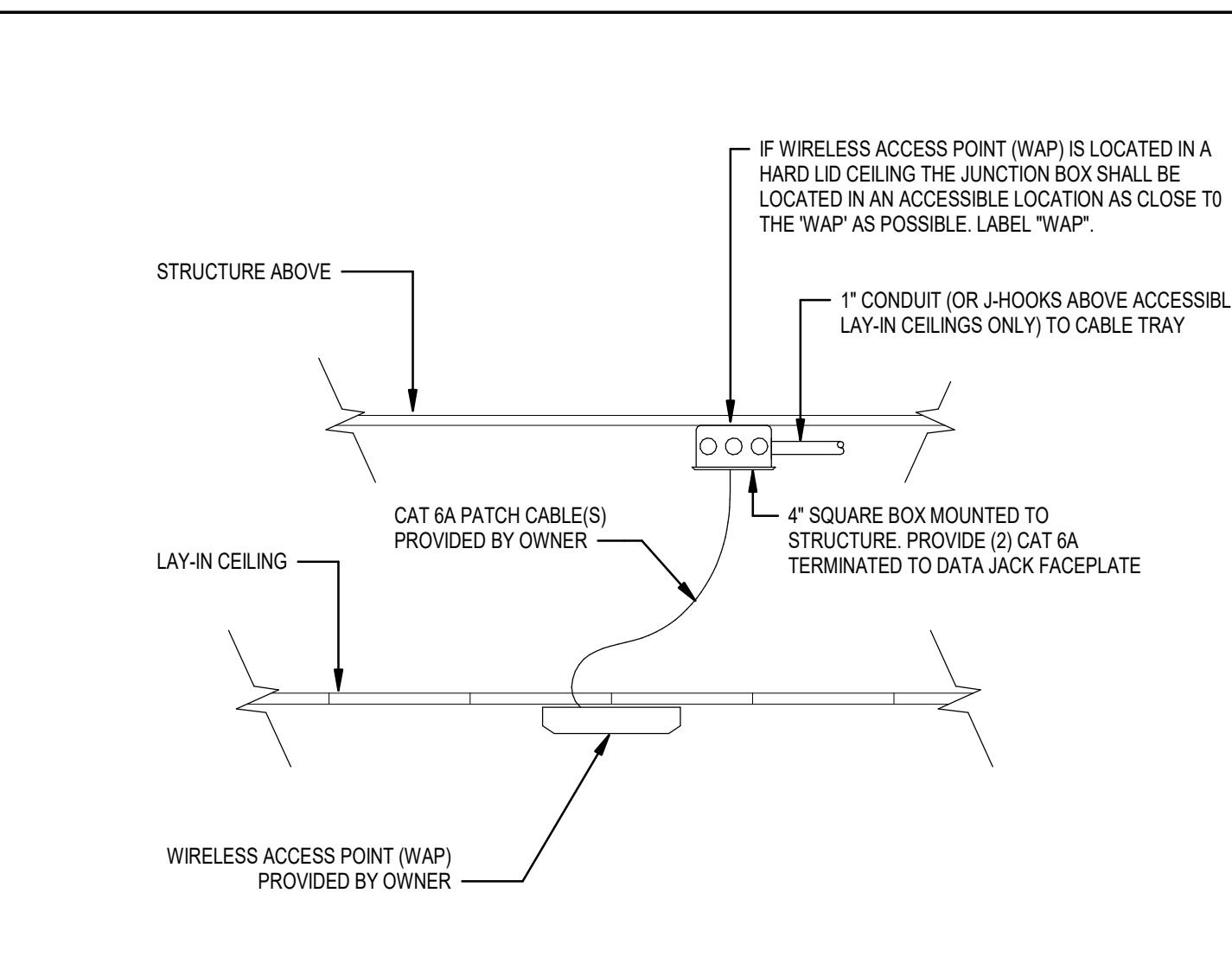


1 TYPICAL DEVICE ELEVATION DETAIL
SCALE: NTS

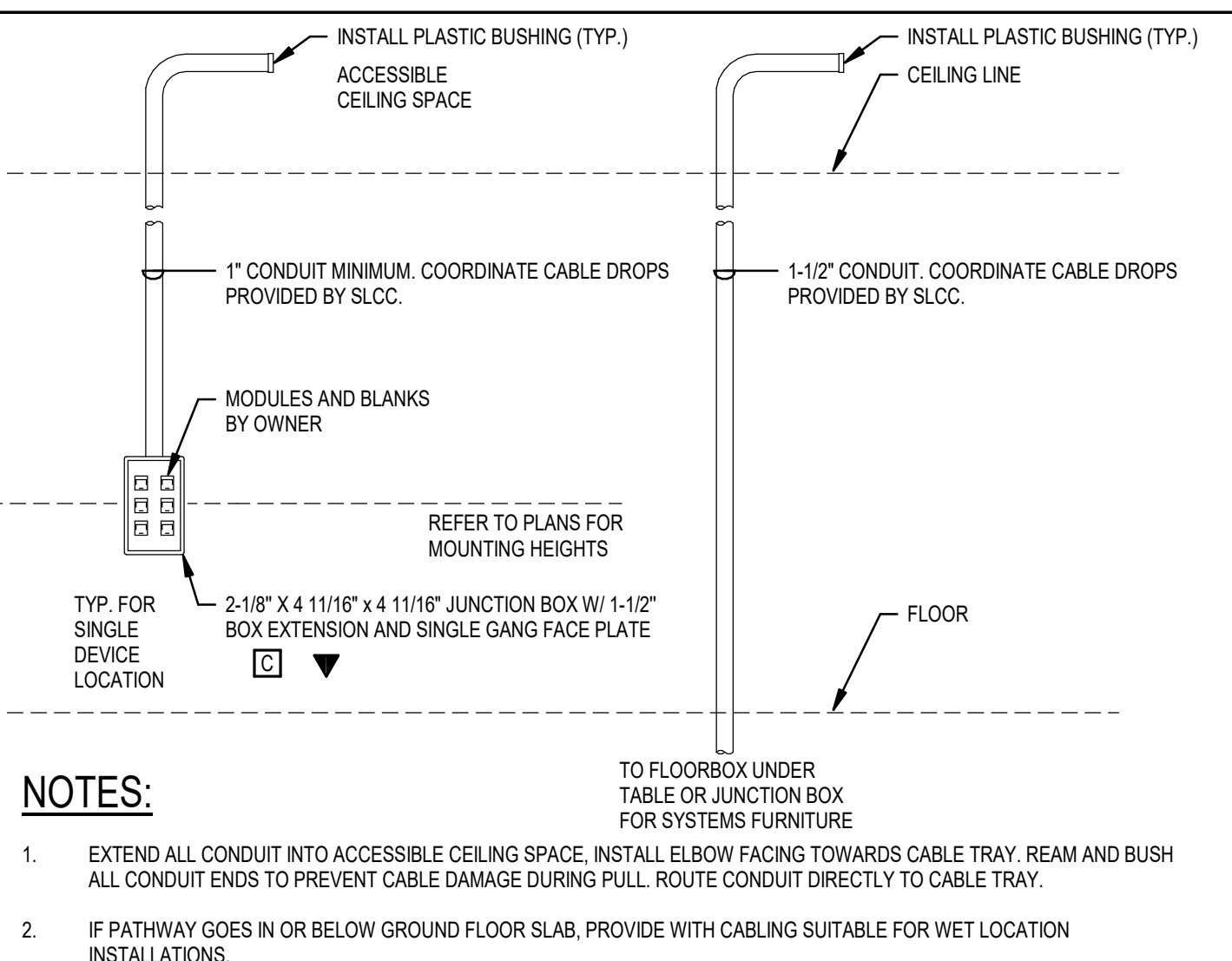
GENERAL NOTES:
1. MOUNT ALL OUTLETS, DEVICES, AND EQUIPMENT AT HEIGHTS INDICATED BELOW. UNLESS NOTED OTHERWISE ON THE DRAWINGS, UNLESS NOTED OTHERWISE, HEIGHTS ARE GIVEN FROM FINISHED FLOOR TO CENTER OF OUTLET BOX.
2. WHERE OUTLETS, DEVICES AND EQUIPMENT ARE NOTED BY THE SUBSCRIPT 'A', MOUNT AT 4\"/>



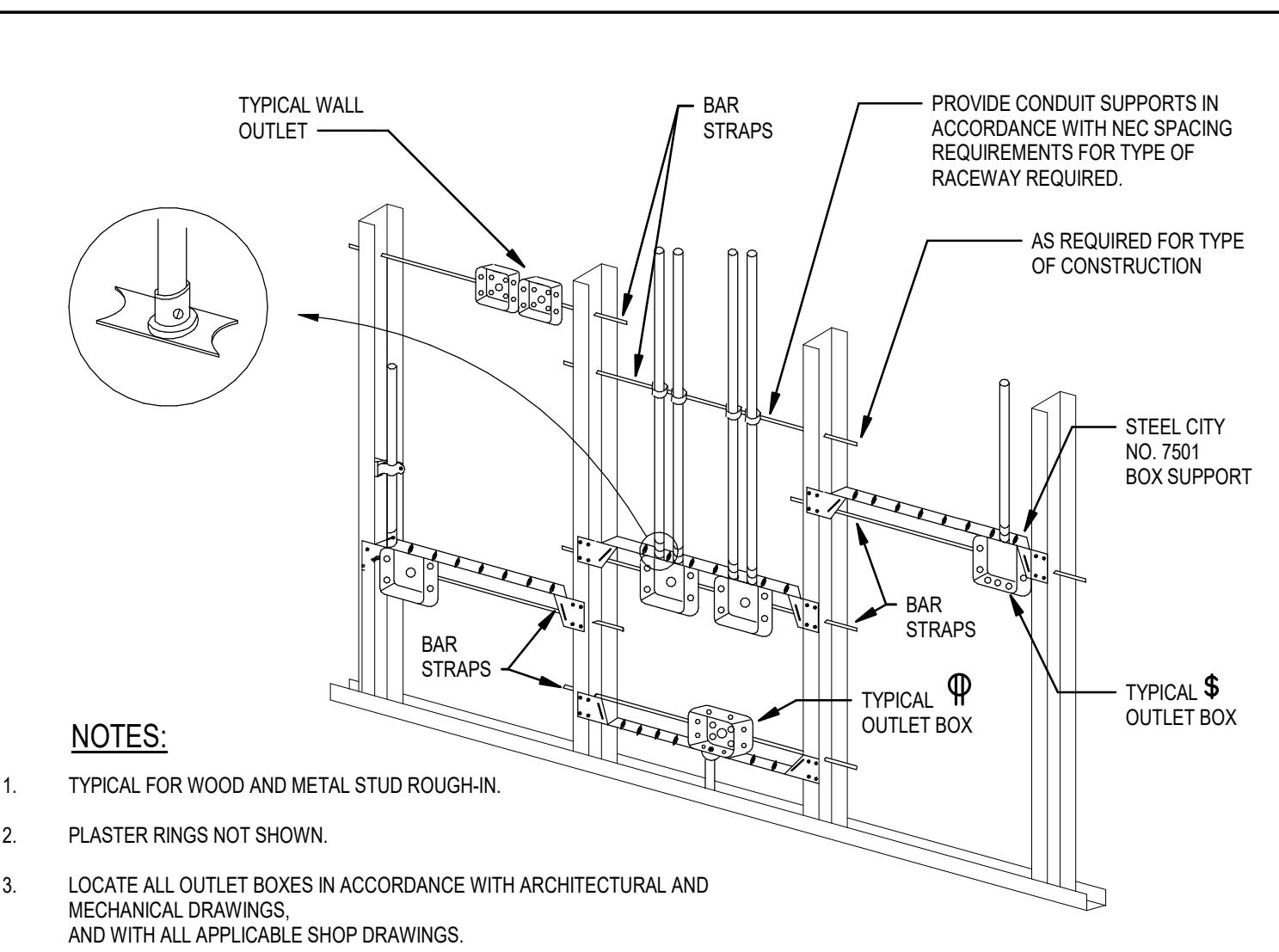
5 HARD LID DROPPED CEILING MOUNTED WAP DETAIL
SCALE: NTS



6 LAY-IN DROPPED CEILING MOUNTED WAP DETAIL
SCALE: NTS



7 VOICE/DATA ROUGH-IN DETAIL
SCALE: NTS



4 TYPICAL ROUGH-IN REQUIREMENTS
SCALE: NTS

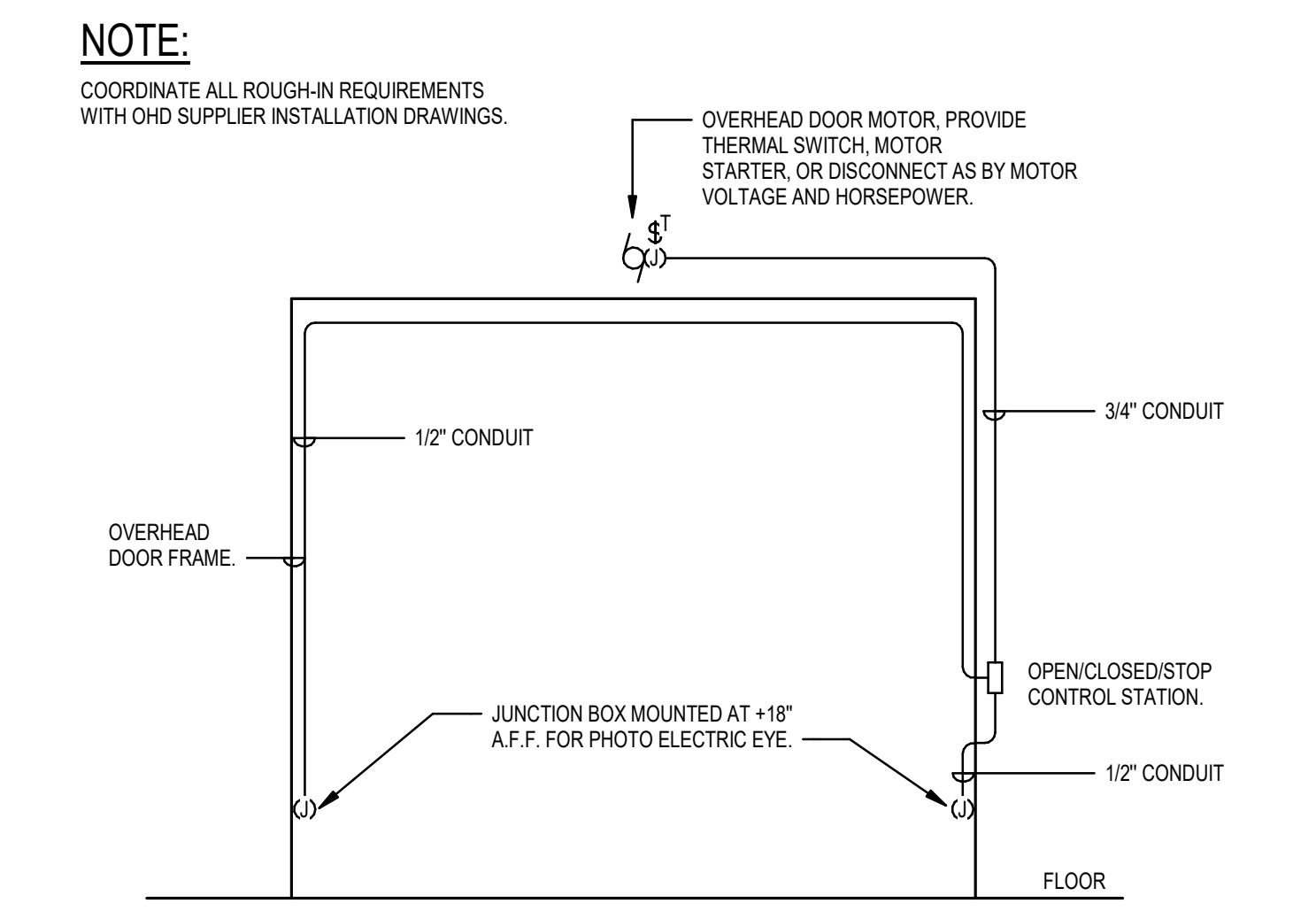
FLOOR BOX SCHEDULE											
TYPE	DEVICE CAPACITY	CONDUIT OPENINGS	G1	G2	G3	G4	G5	G6	MANUFACTURER	SERIES #	COMMENTS
B1	4 GANGS	3/4" - 1 1/4"	DUPLEX	DUPLEX	DATA	BLANK	-	-	LEGRAND (OR APPROVED EQUIVALENT)	RFB4-06	RECESSED FLOOR BOX WITH FLUSH STYLE SQUARE COVER WITH CARPET/TILE INSERT. RATED FOR ON-GRADE CONCRETE FLOORS. PROVIDE ALL ACCESSORIES AS REQUIRED FOR A COMPLETE SYSTEM. COORDINATE ALL COVER FINISHES WITH ARCHITECT PRIOR TO RELEASE.

- NOTES:**
1. RUN 1" CONDUIT FROM EACH FLOOR BOX WITH DATA TO THE NEAREST CABLE TRAY. PROVIDE PULL STRING AND LABEL.
 2. FOR TILE INSTALLATION, MAKE FLUSH WITH TILED FLOOR.
 3. FOR CARPET INSTALLATION, PROVIDE COVER WITH CARPET INSERT.
 4. FOR ALL FLOOR BOXES ON GRADE OR BELOW, POUR SUB-PAD BELOW GRADE.
 5. COORDINATE EXACT LOCATIONS OF FLOOR BOXES AND POKE-THRU'S WITH OWNER/ARCHITECT.

EQUIPMENT SCHEDULE																			
UNIT NAME		ELECTRICAL INPUT				FEEDER				STARTER / DISCONNECT / CONNECTION AT UNIT				ENCLOSURE		REMARKS			
TYPE	No.	LOAD	TYPE	VOLTS	PHASE	AMPS	QTY	CONDUIT SIZE	WIRE SIZE	WIRE QTY	WIRE GND	STARTER	DISCONNECT	DISCONNECT	ENCLOSURE				
EWH	1	ELECTRIC WATER HEATER	10.1	KVA	208 V	1	48.6 A	1	1"	3	4	10	9A	-	60	2	NEMA 1	LOCATE IN SITE OF WATER HEATER. COORDINATE EXACT LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN. COORDINATE EXACT MOTOR SIZE SUPPLIED PRIOR TO ANY WORK.	
OOG	1	OVERHEAD COIL GRILL	0.75	HP	120 V	1	13.8 A	1	3/4"	2	12	12	1A	-	1 HP	1	NEMA 1		

- STARTER/DISCONNECT/CONNECTION AT UNIT NOTES:**
- | | | |
|---|--|---|
| 1. MANUAL STARTER WITH THERMAL OVERLOAD | 11. BREAKER AND ENCLOSURE | A. FURNISHED, INSTALLED & CONNECTED UNDER DIVISION 26. |
| 2. MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION & LOW VOLTAGE RELAY / CONTACTOR FOR ATC CONTROL. | 12. DIRECT CONNECTION | B. FURNISHED & INSTALLED UNDER ANOTHER DIVISION REQUIRING CONNECTIONS UNDER DIVISION 26 |
| 3. COMBINATION MAGNETIC STARTER / FUSED DISCONNECT | 13. DUPLEX RECEPTACLE OUTLET | C. FURNISHED UNDER ANOTHER DIVISION BUT INSTALLED AND CONNECTED UNDER DIVISION 26 |
| 4. COMBINATION MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) | 14. SPECIAL PURPOSE OUTLET | D. FURNISHED, INSTALLED & CONNECTED UNDER ANOTHER DIVISION |
| 5. COMBINATION VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) | 15. SHUNT-TRIP DISCONNECT | E. FURNISHED BY OWNER, INSTALLED & CONNECTED BY DIVISION 26 |
| 6. REDUCED VOLTAGE STARTER | 16. TOGGLE SWITCH | |
| 7. COMBINATION TWO-SPEED STARTER / FUSED DISCONNECT | 17. MAGNETIC STARTER | |
| 8. COMBINATION TWO-SPEED STARTER / MOTOR CIRCUIT PROTECTOR (MCP) | 18. FUSED ELEVATOR SWITCH | |
| 9. NON-FUSED DISCONNECT SWITCH | 19. PROVIDE LATE-MAKE-EARLY-BREAK DISCONNECT | |
| 10. FUSED DISCONNECT SWITCH | | |

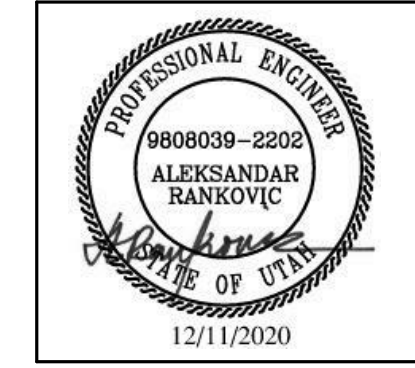
- GENERAL NOTES:**
1. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND SIZE FEEDER, STARTER, DISCONNECT AND OVERCURRENT PROTECTION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OF ACTUAL EQUIPMENT SUPPLIED.
 2. REFER TO FEEDER SCHEDULE ON THE ONE-LINE DIAGRAM FOR CONDUIT AND WIRE SIZES.
 3. ELECTRICAL CONTRACTOR SHALL REVIEW MECHANICAL DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID.
 4. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER TRADE SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.
 5. SIZE ALL FUSES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



8 TYPICAL OVERHEAD DOOR ROUGH-IN DETAIL
SCALE: NTS

PROJECT #: 20029

BID SET	
DATE	REVISION
2/17/2021	
3/19/21	ADDENDUM #2



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POWER DETAILS AND SCHEDULES

PANELBOARD SCHEDULE																		
PANEL NAME: L1MC1					LOCATION: WORK RM. 022C-A					FEED FROM:								
MOUNTING: RECESSED			VOLTAGE: 120/208 Wye		MAIN TYPE: MCB			SPD: -		ENCLOSURE: NEMA 1			PHASE: 3		BUS RATING: 225 A		NEUTRAL RATING: -	
DOOR TYPE: -			WIRES: 4		MCB RATING: 150 A			ISOLATED GROUND: -		(EXISTING GE)			Min. A.I.C. RATING: FIELD VERIFY		BUS MATERIAL: -			
BRANCH BREAKERS																		
KEYED NOTE	CIRCUIT DESCRIPTION	AMP	POLE	Load Type	CKT #	A	B	C	CKT #	Load Type	POLE	AMP	CIRCUIT DESCRIPTION	KEYED NOTE				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	1	540 VA	180 VA		2	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	3		540 VA	180 VA	4	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	5			360 VA	180 VA	6	R	1	20 A	RCPT - CERTIFIED TESTING 122	10			
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	7	360 VA	180 VA		8	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	9		540 VA	180 VA	10	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	11			540 VA	180 VA	12	R	1	20 A	RCPT - CERTIFIED TESTING 122	10			
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	13	540 VA	180 VA		14	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	15		720 VA	180 VA	16	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - C.T PROCTOR 121	20 A	1	R	17			720 VA	180 VA	18	R	1	20 A	RCPT - CERTIFIED TESTING 122	10			
10	RCPT - TESTING 102	20 A	1	R	19	360 VA	180 VA		20	R	1	20 A	RCPT - CERTIFIED TESTING 122	10				
10	RCPT - TESTING 102	20 A	1	R	21		360 VA	1080 VA	22	R	1	20 A	RCPT - ZERO 123	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	23			180 VA	1500 VA	24	E	1	20 A	COPIER - PROCTOR 101	10			
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	25	180 VA	360 VA		26	R	1	20 A	RCPT - VEST. 104	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	27		180 VA	1080 VA	28	R	1	20 A	RCPT - ZERO 105	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	29			180 VA	360 VA	30	R	1	20 A	RCPT - MINIMAL DISTRACTION...	10			
8	RCPT - TESTING 102	20 A	1	R	31	720 VA	540 VA		32	R	1	20 A	RCPT - MINIMAL DISTRACTION...	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	33		180 VA	540 VA	34	R	1	20 A	RCPT - MINIMAL DISTRACTION...	10				
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	35			180 VA	540 VA	36	R	1	20 A	RCPT - MINIMAL DISTRACTION...	10			
10	RCPT - CERTIFIED TESTING 122	20 A	1	R	37	180 VA	540 VA		38	R	1	20 A	RCPT - MINIMAL DISTRACTION...	10				
8	FLOOR BOX - TESTING 102	20 A	1	E	39		360 VA	360 VA	40	R	1	20 A	RCPT - MINIMAL DISTRACTION...	10				
--	-SPACE ONLY-	--	--	--	41			0 VA	360 VA	42	R	1	20 A	FLOOR BOX - TESTING 102	10			
TOTAL CONNECTED LOAD PER PHASE (VA)						5040 VA	6480 VA	5460 VA										
TOTAL CONNECTED CURRENT PER PHASE (AMPS)						42 A	55 A	46 A										
TYPE	LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS													
P	Panel	0 VA	0.00%	0 VA														
R	Receptacle	14760 VA	83.88%	12380 VA	Total Conn. Load: 16980 VA													
L	Lighting	0 VA	0.00%	0 VA	25% OF LARGEST MOTOR:													
C	Continuous	0 VA	0.00%	0 VA	Total Est. Demand: 14600 VA													
E	Equipment	2220 VA	100.00%	2220 VA	Total Conn. Current: 47 A													
M	Motor	0 VA	0.00%	0 VA	Total Est. Demand Current: 41 A													
K	Kitchen	0 VA	0.00%	0 VA														
O	Other	0 VA	0.00%	0 VA														

PANELBOARD SCHEDULE																		
PANEL NAME: L1MC2					LOCATION: WORK RM. 022C-A					FEED FROM:								
MOUNTING: RECESSED			VOLTAGE: 120/208 Wye		MAIN TYPE: MCB			SPD: -		ENCLOSURE: NEMA 1			PHASE: 3		BUS RATING: 225 A		NEUTRAL RATING: -	
DOOR TYPE: -			WIRES: 4		MCB RATING: 150 A			ISOLATED GROUND: -		(EXISTING GE)			Min. A.I.C. RATING: FIELD VERIFY		BUS MATERIAL: -			
BRANCH BREAKERS																		
KEYED NOTE	CIRCUIT DESCRIPTION	AMP	POLE	Load Type	CKT #	A	B	C	CKT #	Load Type	POLE	AMP	CIRCUIT DESCRIPTION	KEYED NOTE				
10	RCPT - TESTING 102	20 A	1	R	1	360 VA	360 VA		2	R	1	20 A	RCPT - TESTING 102	10				
10	RCPT - TESTING 102	20 A	1	R	3		360 VA	360 VA	4	R	1	20 A	RCPT - TESTING 102	10				
10	RCPT - TESTING 102	20 A	1	R	5			360 VA	360 VA	6	R	1	20 A	RCPT - TESTING 102	10			
10	RCPT - TESTING 102	20 A	1	R	7	360 VA	360 VA		8	R	1	20 A	RCPT - TESTING 102	10				
10	RCPT - TESTING 102	20 A	1	R	9		360 VA	360 VA	10	R	1	20 A	RCPT - TESTING 102	10				
9	MAIN BREAKER SHUNT	20 A	1	--	11			0 VA	360 VA	12	R	1	20 A	RCPT - TESTING 102	10			
9	A/C UNIT ROOM 42C	20 A	2	--	13	0 VA	360 VA		14	R	1	20 A	RCPT - TESTING 102	10				
--	--	--	--	--	15			0 VA	360 VA	16	R	1	20 A	RCPT - TESTING 102	10			
10	RCPT - TESTING 102	20 A	1	R	17			360 VA	360 VA	18	R	1	20 A	RCPT - TESTING 102	10			
10	RCPT - TESTING 102	20 A	1	R	19	360 VA	360 VA		20	R	1	20 A	RCPT - TESTING 102	10				
10	RCPT - TESTING 102	20 A	1	R	21		360 VA	360 VA	22	R	1	20 A	RCPT - TESTING 102	10				
10	RCPT - TESTING 102	20 A	1	R	23			360 VA	900 VA	24	R	1	20 A	RCPT - TESTING 102	8			
10	RCPT - TESTING 102	20 A	1	R	25	360 VA	720 VA		26	R	1	20 A	RCPT - RECEPTION 100	10				
10	RCPT - TESTING 102	20 A	1	R	27		360 VA	900 VA	28	R	1	20 A	RCPT - PROCTOR 101	10				
10	RCPT - TESTING 102	20 A	1	R	29			360 VA	180 VA	30	R	1	20 A	RCPT - VEST. 153	10			
10	RCPT - TESTING 102	20 A	1	R	31	360 VA	180 VA		32	R	1	20 A	RCPT - VEST. 153	10				
--	-SPACE ONLY-	--	--	--	33		0 VA	720 VA	34	R	1	20 A	RCPT - RECEPTION 100	10				
--	-SPACE ONLY-	--	--	--	35			0 VA	0 VA	36	--	--	--	-SPACE ONLY-				
--	-SPACE ONLY-	--	--	--	37	0 VA	0 VA		38	--	--	--	--	-SPACE ONLY-				
--	-SPACE ONLY-	--	--	--	39			0 VA	0 VA	40	--	--	--	-SPACE ONLY-				
--	-SPACE ONLY-	--	--	--	41			0 VA	0 VA	42	--	--	--	-SPACE ONLY-				
TOTAL CONNECTED LOAD PER PHASE (VA)						4140 VA	4500 VA	3600 VA										
TOTAL CONNECTED CURRENT PER PHASE (AMPS)						35 A	38 A	30 A										
TYPE	LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS													
P	Panel	0 VA	0.00%	0 VA														
R	Receptacle	12240 VA	90.85%	11120 VA	Total Conn. Load: 12240 VA													
L	Lighting	0 VA	0.00%	0 VA	25% OF LARGEST MOTOR:													
C	Continuous	0 VA	0.00%	0 VA	Total Est. Demand: 11120 VA													
E	Equipment	0 VA	0.00%	0 VA	Total Conn. Current: 34 A													
M	Motor	0 VA	0.00%	0 VA	Total Est. Demand Current: 31 A													
K	Kitchen	0 VA	0.00%	0 VA														
O	Other	0 VA	0.00%	0 VA														

- PANELBOARD SCHEDULE KEYED NOTE:**
- PROVIDE CLASS A GROUND FAULT INTERRUPTER TYPE CIRCUIT BREAKER.
 - PROVIDE ARC FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER
 - PROVIDE 30 MILLIAMPERE EQUIPMENT GROUND FAULT PROTECTOR TYE CIRCUIT BREAKER.
 - PROVIDE SHUNT TRIP CIRCUIT BREAKER WITH 120 V COIL.
 - PROVIDE HACR RATED CIRCUIT BREAKER.
 - PROVIDE HANDLE CLAMP FOR HOLDING CIRCUIT BREAKER IN THE "ON" OR "OFF" POSITION.
 - BREAKER HANDLE TIES.
 - PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANELBOARD (WHERE PANEL IS LOCATED AS EXISTING) OF SAME MANUFACTURER AND A.I.C. RATING AS EXISTING.
 - EXISTING LOAD
 - UTILIZE EXISTING BREAKER FOR NEW LOAD

LOAD SCHEDULE				
	LOAD (KVA)	FACTOR	TOTAL (KVA)	TOTAL (AMPS)
EXISTING LOAD (1)	108.11	1.25	135.14	162.55
LOAD REMOVED (2)	39.43		26.43	36.86
NEW LOAD ADDED (3)	81		81	97.43
SERVICE SIZE (AMPS): 220 NEW TOTAL LOAD (AMPS): 223.38 CAPACITY: 18.6%				
NOTES: 1. BASED ON PEAK DEMAND OVER THE LAST 12 MONTHS RECEIVED FROM POWER UTILITY. ASSUMED 0.9 POWER FACTOR. 2. CALCULATED USING NEC OUTLET LOADS AND FIELD OBSERVED LIGHTING LOADS. 3. ESTIMATED DEMAND, PER NEC FACTORS, BALANCED BETWEEN THE PHASES.				

SPECIAL NOTE:
 ALL EXISTING CIRCUITS AND NEW CIRCUITS TIED TO AVAILABLE BREAKERS SHOWN ARE BASED ON RECORD DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR SHALL TRACE AND CONFIRM ALL EXACT CIRCUITING. CONTRACTOR SHALL REDLINE AS-BUILT CIRCUITING AS REQUIRED IN SPECIFICATIONS.

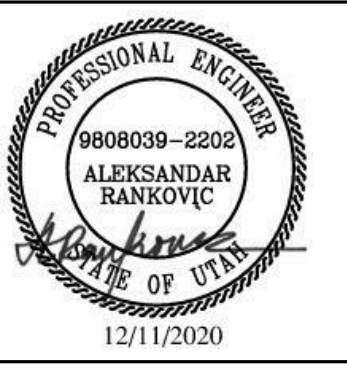
PANEL LEGEND		
	L1MC1	L1MC2



SLCC TESTING CENTER
 4600 South Redwood Rd
 Taylorsville, UT 84123

PROJECT #: 20029

BID SET	
DATE	REVISION
2/17/2021	
3/19/21	ADDENDUM #2



PANEL SCHEDULES

EP803