



DATE: January 16, 2020

FROM: Wight & Company
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SUBJECT: **ADDENDUM #3 TO THE BIDDING DOCUMENTS FOR:
NORTH HIGH SCHOOL BID GROUP #10
MASTER FACILITY PLAN IMPLEMENTATION
COMMUNITY HIGH SCHOOL DISTRICT 99
NORTH HIGH SCHOOL
4436 MAIN STREET
DOWNERS GROVE, IL 60516**

This addendum forms a part of the Bidding Contract Documents, dated November 19, 2019. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form.

Question & Answer Log (attached)

Scope of Work: BP#87 General Trades, Rough & Finish Carpentry, BP#89 Metal Framing & Drywall and BP#90 Curtain Wall, Storefront, Skylights & Glazing (attached)

Asbestos Abatement Exhibit for Reference (attached)

I. Clarifications

1. .

II. Specifications

1. Section 087111 DOOR HARDWARE & 087112 DOOR HARDWARE SET ASSIGNMENTS **(Full specification sections reissued)**:
 - Doors designated as 'Maple Wood' on the door schedule to have 626 finish.
 - 1390A – New door - door replacement.
 - 1390B – New door - door replacement.
 - 1517 – New door
 - 1521 – Door removed
 - 1523 – Door removed
 - 1528A – Door re-numbered from 1528

- 1528B – New door
 - 1539 – Door removed
 - 1540 - New door
 - C114 and C312 Revised hardware.
 - 1367 – Added hardware set
 - 2438 – Added hardware set
2. Section 096813 TILE CARPETING (**Full specification section added**).
 3. Section 099100 PAINTING
 - Revise paragraph 3.7 as follows:
 - E. Gypsum Board Substrates:
 1. Walls – Semi-gloss Acrylic-Enamel Finish: Two finish coats over a primer.
 - a. 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer B28W02600 Series: Applied at a dry-film thickness of not less than 1.0 mil (4 mils wet).
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Semi-gloss, B20-2600 Series: Applied at a dry film thickness of not less than 1.7 mils (4 mils wet) per coat.
 2. Ceilings – Flat Acrylic-Enamel Finish: Two finish coats over a primer.
 - a. 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer B28W02600 Series: Applied at a dry-film thickness of not less than 1.0 mil (4 mils wet).
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Flat, B20-2600 Series: Applied at a dry film thickness of not less than 1.7 mils (4 mils wet) per coat.
 3. Walls (as denoted on finish plans) – Semi-Gloss Urethane Finish: Two finish coats over a primer.
 - a. Provide semi-gloss urethan finish on gypsum board walls at locations indicated on Drawings.
 - b. 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer B28W02600 Series: Applied at a dry-film thickness of not less than 1.0 mil (4 mils wet).
 - c. 2nd and 3rd Coats: S-W Pro Industrial Waterbased Alkyd Urethane, Semi Gloss, B53W1150 (Extra-White base only): Applied at a dry film thickness of not less than 1.4 to 1.7 mils dry (4.0 to 5.0 mils wet) per coat.
 - d. 4th Coat for Deep-Tint Colors: Same as 3rd coat.
 4. Section 102800 TOILET ACCESSORIES
 - Revise paragraph 2.4(A) as follows:
 2. Toilet Tissue Dispenser:
 1. Basis-of-Design Product: Bradley; Model 5424.
 2. Description: Surface mounted, jumbo roll dispenser.
 3. Mounting: Surface mounted.
 4. Operation: Cabinet holds one roll (up to 10" diameter) of 1 ½", 2 ½". Or 3" diameter core toilet tissue. Refill indicator slot reveals tissue level, Tumbler locked door swings down to replenish tissue roll..
 5. Exposed Material and Finish: 22 gauge satin finish stainless steel.

III. Drawings

STRUCTURAL

Sheet S1.4C TYPICAL SECTIONS AND DETAILS (*Full size sheet reissued*):

- Revised detail 21

Sheet S2.2C.c SECOND FLOOR FRAMING PLAN – AREA C – PHASE C (*Full size sheet reissued*):

- Clarified extent of the shelf angle at existing courtyard northeast corner and at interface of the 1956/1928 buildings

Sheet S2.3C.c THIRD FLOOR FRAMING PLAN – AREA C – PHASE C (*Full size sheet reissued*):

- Clarified extent of the shelf angle at existing courtyard northwest corner.

Sheet S3.4C NON-TYPICAL SECTIONS AND DETAILS (*Full size sheet reissued*):

- Added note to detail 4

Sheet S3.5C NON-TYPICAL SECTIONS AND DETAILS (*Full size sheet reissued*):

- Added angle deck support to details 10 and 15.

Sheet S3.7C NON-TYPICAL SECTIONS AND DETAILS (*Full size sheet reissued*):

- Cut section 22/S3.7C on detail 4.

ARCHITECTURAL

Sheet G1.01 LIFE SAFETY PLAN - LEVEL 1 (*Full size sheet reissued*):

Sheet AD2.01c DEMOLITION PLAN – LEVEL 1 AREA C (*Full size sheet reissued*):

Sheet A2.00B FLOOR PLAN - LOWER LEVEL AREA B (*Full size sheet reissued*):

Sheet A2.01B.b FLOOR PLAN - LEVEL 1 AREA B (PHASE B) (*Full size sheet reissued*):

Sheet A2.01C FLOOR PLAN - LEVEL 1 AREA C (*Full size sheet reissued*):

Sheet A2.01E FLOOR PLAN - LEVEL 1 AREA E & F (*Full size sheet reissued*):

Sheet A2.02B.b FLOOR PLAN - LEVEL 2 AREA B (PHASE B) *(Full size sheet reissued)*:

Sheet A2.03B.b FLOOR PLAN - LEVEL 3 AREA B (PHASE B) *(Full size sheet reissued)*:

Sheet A2.03C FLOOR PLAN - LEVEL 3 AREA C *(Full size sheet reissued)*:

Sheet A2.11 ENLARGED TOILET ROOM PLANS AND ELEVATIONS *(Full size sheet reissued)*:

Sheet A2.30 ENLARGED PLANS - CAFE *(Full size sheet reissued)*:

Sheet A2.31 ENLARGED PLANS - CULINARY & GROUP ROOMS *(Full size sheet reissued)*:

Sheet A3.01C REFLECTED CEILING PLAN - LEVEL 1 AREA C *(Full size sheet reissued)*:

Sheet A3.02C REFLECTED CEILING PLAN - LEVEL 2 AREA C *(Full size sheet reissued)*:

Sheet A3.03B REFLECTED CEILING PLAN - LEVEL 3 AREA B *(Full size sheet reissued)*:

Sheet A5.04 WALL SECTIONS - AREA B *(Full size sheet reissued)*:

Sheet A5.12 WALL SECTIONS - AREA C *(Full size sheet reissued)*:

Sheet A5.22 PLAN DETAILS - AREA B *(Full size sheet reissued)*:

Sheet A5.33 PLAN DETAILS - AREA C *(Full size sheet reissued)*:

Sheet A7.20 INTERIOR ELEVATIONS *(Full size sheet reissued)*:

Sheet A7.50 INTERIOR DETAILS *(Full size sheet reissued)*:

Sheet A8.02 INTERIOR GLAZING ELEVATIONS *(Full size sheet reissued)*:

Sheet A8.10 DOOR SCHEDULES *(Full size sheet reissued)*:

Sheet A10.01C FINISH PLAN - LEVEL 1 AREA C *(Full size sheet reissued)*:

Sheet A10.01D FINISH PLAN - LEVEL 1 AREA D *(Full size sheet reissued)*:

Sheet A10.02B.b FINISH PLAN – LEVEL 2 AREA B (PHASE B) *(Full size sheet reissued)*:

Sheet A10.03B.b FINISH PLAN – LEVEL 3 AREA B *(Full size sheet reissued)*:

MECHANICAL

Sheet MD2.01C.c LEVEL 1 MECHANICAL DEMOLITION PLAN – AREA C *(Full size sheet reissued)*:

- This drawing has been revised to show some demolition work and some ducts shown as demolished in bid drawings have been restored to existing. These changes have been made to reflect the admin area architectural changes.

Sheet M2.01C.c LEVEL 1 MECHANICAL DUCT PLAN – AREA C (**Full size sheet reissued**):

- This drawing sheet has been revised to show the new ductwork, diffusers and VAV rebalancing work required to reflect the admin area architectural changes. Also, the Acoustic engineer comments have been incorporated by adding keynotes to refer to the architectural detail for resiliently sealed penetration locations.

Sheet M2.02B.c LEVEL 2 MECHANICAL DUCT PLAN – AREA B (**Full size sheet reissued**):

- The drawing has revised to adjust the location of cassette unit CC-2-362 to reflect the architectural changes made to that room.

Sheet M5.00.c MECHANICAL SCHEDULES (**Full size sheet reissued**):

- This drawing sheet has been revised to show the revised schedule for CC-2-362 and a few revisions to the Diffuser, Grille and Register schedule.

ELECTRICAL

Sheet ED2.00B.c LOWER LEVEL ELECTRICAL DEMOLITION PLAN AREA B (PHASE C) (**Full size sheet reissued**):

Sheet ED2.01B.c LEVEL 1 ELECTRICAL DEMOLITION PLAN AREA B (PHASE C) (**Full size sheet reissued**):

Sheet ED2.01C.c LEVEL 1 ELECTRICAL DEMOLITION PLAN AREA C (PHASE C) (**Full size sheet reissued**):

Sheet ED2.02B.c LEVEL 2 ELECTRICAL DEMOLITION PLAN AREA B (PHASE C) (**Full size sheet reissued**):

Sheet ED2.02C.c LEVEL 2 ELECTRICAL DEMOLITION PLAN AREA C (PHASE C) (**Full size sheet reissued**):

Sheet ED2.03C.c LEVEL 3 ELECTRICAL DEMOLITION PLAN AREA C (PHASE C) (**Full size sheet reissued**):

Sheet ED3.01B.c LEVEL 1 ELECTRICAL DEMOLITION LIGHTING PLAN AREA B (PHASE C) (**Full size sheet reissued**):

Sheet ED3.01C.c LEVEL 1 ELECTRICAL DEMOLITION LIGHTING PLAN AREA C (PHASE C) (**Full size sheet reissued**):

Sheet ED3.01D.c LEVEL 1 ELECTRICAL DEMOLITION LIGHTING PLAN AREA D (PHASE C) **(Full size sheet reissued)**:

Sheet ED3.02B.c LEVEL 2 ELECTRICAL DEMOLITION LIGHTING PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet ED3.03B.c LEVEL 3 ELECTRICAL DEMOLITION LIGHTING PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E2.00B.c LOWER LEVEL POWER PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E2.01B.c LEVEL 1 POWER PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E2.01C.c LEVEL 1 POWER PLAN AREA C (PHASE C) **(Full size sheet reissued)**:

Sheet E2.02C.c LEVEL 2 POWER PLAN AREA C (PHASE C) **(Full size sheet reissued)**:

Sheet E3.00B.c LOWER LEVEL LIGHTING PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E3.01B.c LEVEL 1 LIGHTING PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E3.01C.c LEVEL 1 LIGHTING PLAN AREA C (PHASE C) **(Full size sheet reissued)**:

Sheet E3.01D.c LEVEL 1 LIGHTING PLAN AREA D (PHASE C) **(Full size sheet reissued)**:

Sheet E3.02B.c LEVEL 2 LIGHTING PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E3.02C.c LEVEL 2 LIGHTING PLAN AREA C (PHASE C) **(Full size sheet reissued)**:

Sheet E3.03B.c LEVEL 3 LIGHTING PLAN AREA B (PHASE C) **(Full size sheet reissued)**:

Sheet E5.00.c RISER DIAGRAM (PHASE C) **(Full size sheet reissued)**:

Sheet E5.02.c RISER DIAGRAM (PHASE C) **(Full size sheet reissued)**:

Sheet E6.00.c PANEL SCHEDULES (PHASE C) **(Full size sheet reissued)**:

Sheet E6.01.c PANEL SCHEDULES (PHASE C) **(Full size sheet reissued)**:

Sheet LIGHTING SCHEDULES AND DETAILS **(Full size sheet reissued)**:

PLUMBING

Sheet PD2.0UC UNDERGROUND LEVEL PLUMBING DEMOLITION PLAN AREA C **(Full size sheet reissued)**:

Sheet P2.0UC UNDERGROUND LEVEL SANITARY & DISCHARGE PLAN AREA C (***Full size sheet reissued***):

END OF ADDENDUM



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Project Name: District 99 MFP Implementation DG North Phase C

Project Number: 5274-43

Date: January 16, 2020

Bid Question/Answer Log No. 1

The following clarification information is provided in response to questions received in accordance with the bid documents for the following Bid Packages:

Bid Group: 10

Bid Packages: 82-99

#	Questions	Date	Answers	Date/By
1	On sheets S2.2C.c & S2.3C.c there are several call-outs for "1/4" Bent Plate per typ. Lintel to ex. Beam connection detail – See Arch.", can you please advise what this is referring to? I cannot find a detail for it, and there are no bent plate lintels indicated in the lintel schedule on S0.2c, so I'm unsure what to provide at these locations.	1-9-20	The intent was to provide steel shelf angles anchored to the face of existing concrete beams for support of small portions of existing brick façade. We will clarify this in the upcoming addendum.	1-9-20 MA
2.	Specification or manufacturer on custom center pivot doors. I know Solar Innovations makes these but I don't know if the architect had something specific in mind.	1-8-20	These are intended to be two standard aluminum doors mullied together.	1-9-20 DS
3.	Door hardware schedule and sets for aluminum doors. The hardware spec and sets we have appear to be for all other doors but aluminum doors. Or we need to know which doors get which hardware set. This is critical to pricing	1-8-20	Specs for aluminum doors hardware is included in the door hardware specifications. Hardware for full glass doors in break-out-rooms is within spec 084126.23 INTERIOR ALL GLASS ENTRANCES AND STOREFRONTS.	1-9-20 DS
4.	Level 1 Area C DEMO IN THIS AREA 5/6 THRU 5/19 will we be allowed to use skid steers inside of building?	1-14-20	Yes. But they will need to be electric or have a quality scrubber on them.	1-14-20 NS
5.	Are we including all 2021 demolition work for the Demolition Package?	1-14-20	Yes	1-14-20 NS
6.	Please reference attached Exhibit C from Addendum 2 - I'm just confirming that we are not to include any work in the shaded pink areas that say "Not part of BG#10	1-9-20	Correct	1-9-20 NS

	scope of work", correct? I noticed some of the glazing work in these areas and I don't want to pick up extra that we don't need			
7.	Also - is BP 90 picking up the interior aluminum frames (081429?) Our bid scope sheet says this is by others, or are we just glazing them?	1-9-20	The aluminum Frames (081429) are to be furnished by the General Trades Contractor. They are to be installed by the Drywall Contractor and Glazed by the Glazing Contractor.	1-14-20 NS
8.	Do you have detail of what columns get structural fiber reinforcing or how many? I see notes and page S4.1c but not much info from what I'm finding?	1-13-20	The reinforcing of the columns is part of the Concrete Scope of work. The columns that get reinforced are shown on A2.02C note 39, and A2.03C note 39 as well. There are a total of 12. As shown on S2.2C.c and S2.3C.c	1-14-20 NS
9.	We are missing door hardware sets for the following doors. Please provide hardware sets/schedules for these doors. Door #1397, #V-002A, #3438, #3439	1-13-20	Hardware sets for 1397 and V-002A will be included in the upcoming addendum 3. Door hardware for 3438 and 3439 are included in the glass wall spec section 084126.23.	1-13-20 DS
10.	Please see sheet S2.4C.c & details 3 & 21/S3.7.c. Will the bent plates be provided only at the 2 locations as indicated on S2.4C.c, or should these details be considered typical at each column location along Grid Line 56-G?	1-13-20	Only those two locations	1-13-20 MA
11.	Please see the attached detail from sheet S3.7c. Is it possible to get a cut section through the detail as indicated? I am under the impression that the V-shaped plate will be rolled at the edges over the round HSS, and flat down the center of the splice. Is this correct? If so, we would need to taper-cut and splice two plates together in order to create this connection.	1-13-20	Your interpretation is correct. We need a plate over the top to tie the two tubes together. We will add a section for the upcoming addendum	1-13-20 MA
12.	These existing panels from E5.02c show up on the demo drawings as relocated. The riser shows them being refeed but their new locations are not shown on the new floor plans. Can you please advise?	1-13-20	Clarified in ADD #3 Electrical Drawings	1-13-20 DS
13.	I see panel BPA on E2.00B.c but it is not on the riser and the origin of its new feed is not shown. Please let us know where to take the feed from	1-9-20	Addendum #3 - Refer to revised riser diagram on Sheet E5.02.c.	1-14-20
14.	Per finish note F27 all finishes to match adjacent existing administrative office finishes. What are those finishes Please advise?		Existing finishes are carpet tile, 4" vinyl base, and paint. Clarified in Addendum #3. Carpet is Tandus "Nova" 24 x 24 ER3 dry back.	1-14-20 DS

15.	Are there any stair details for the treads?	1-9-20	Please specify which treads these are in reference to.	1-14-20 DS				
16.	also need clarification on what size is really wanted and install direction for: <table border="1" data-bbox="228 310 846 394"> <tr> <td>LVT4: Limestone Look</td> <td>Centiva "Color Beam PCBE" 3 Tiles; Color Soba C123; Quartz</td> </tr> </table> <p>This only comes in 6"x36", 9"x36" and 18"x18"</p> <p>And</p> <table border="1" data-bbox="228 569 846 695"> <tr> <td>LVT1; Limestone Look</td> <td>Centiva Classic Stone ECL 36 Color Ash Limestone 7107; Quartz Turn</td> </tr> </table> <p>This only comes in 12"x18" and 18"x18"</p>	LVT4: Limestone Look	Centiva "Color Beam PCBE" 3 Tiles; Color Soba C123; Quartz	LVT1; Limestone Look	Centiva Classic Stone ECL 36 Color Ash Limestone 7107; Quartz Turn	1-9-20	LVT-4: Website shows 36" x 36" as an option for product size Reference #251102073. This is preferred. LVT-1: Provide 36" x 36". This size was installed in the school last summer	1-14-20
LVT4: Limestone Look	Centiva "Color Beam PCBE" 3 Tiles; Color Soba C123; Quartz							
LVT1; Limestone Look	Centiva Classic Stone ECL 36 Color Ash Limestone 7107; Quartz Turn							
17.	Is detail 12 east elevation on A7.20 correct with the thin brick application? Or is this elevation supposed to match the North & South Elevation in the Faculty Lounge 1-353?	1-3-20	The thin brick is correct, but should be a wainscot (not full height as shown). Same as the thin brick wainscot in the Club Room 1-351.	1-3-20 DS				
18.	Please provide clarification on who is going to be responsible for the engineering stamp and qualification the CFMF will handle the cast stone load on Detail 6 on A2.30. Also, even after something is designed there is no possible annex point to install the cast stone in two pieces. The access on the south end is only 12" to reach in and attach the cast stone. Please provide some clarification on how to anchor the cast stone sufficiently to avoid possible release and injury.	1-3-20	The detail has changed in Addendum #3 to thin set stone tile on tile backer board.	1-14-20 DS				
19.	Please see details 1 & 3 on C5.09. The guardrail & handrail are both indicated to be Galvanized pipe, however, the notes below each call for a powder coat black finish. Which is correct?	12-31-19	The exterior railings should be galvanized for field paint. No powder coating required	12-31-19 DS				
20.	Liquidated Damages – Are there liquidated damages? If yes, what is the daily amount?	1-2-20	No, but if your work is delayed you will be charged accordingly to expedite trades after you.	1-2-20 NS				
21.	After further reviewing of the Downers Grove North project, will there be details & specs released for the sunshade system attached to the curtainwall?	1-2-20	There is a spec for the sun shades: SECTION 107113 EXTERIOR SUN CONTROL DEVICES Yes, it delegated design. Looking for standard shades that work with the curtainwall system	1-6-20 DS				
22.	Please reference the "L" shaped skylight on sheet A2.04B.b – my contact at Super Sky told me this skylight was already bid last year and the shop drawings were submitted in October. Is this the existing skylight and we are only to include the skylights on sheet A2.04C? Or is this a new one that just looks the same?	1-2-20	Yes the L shape skylight has already been bid and awarded. Scopes will be issued in ADD #1 and that will be cleared up	1-2-20 NS				

23.	Please see details 10 & 15/S3.5c. Do we need to provide deck angle support with anchors similar to 14/S3.5c, or a bent plate similar to 18/S3.5c at the indicated locations? It would appear to me that some sort of deck support is required. Please advise.	1-3-20	Details 10 & 15/S3.5c: Provide L3x3x3/16 continuous deck support angle (vertical leg down) anchored to existing concrete framing with Hilti X-U power actuated fasteners at 12" spacing.	1-7-20 MA
24.	Will there be a plumbing fixture schedule issued	1-6-20	The plumbing fixture schedule is in Addendum #1 spec section 224200 COMMERCIAL PLUMBING FIXTURES.	1-6-20 DS
25.	For the Downers Grove North bid, which door schedule(s) are applicable to this bidding phase? Are both bid group 10-1 & 10-2 applicable? Door SM-1a (fire rated) is shown in bid group 10-1, but that appears to be part of the phase B work. Can you please verify?	1-6-20	Door Schedules 10-1 and 10-2 are both part of the BG #10 and you should include all the doors on both these schedules.	1-6-20 NS
26.	We are not to include any A12 window type per sheet A8.41, correct? I do not see any on the floor plan, or the elevation sheets, except at Phase B areas (6 on A2.01B.b).	1-8-20	These A12 windows are part of this scope of work and need to be included in your pricing. You should disregard any direction between phase B and C and use the dashed line on the Architectural Floor Plans to clarify what is part of BG #10. The dash line is cut from the top of the page to the bottom of each floor plan.	1-8-20 NS
27.	On sheets S2.2C.c & S2.3C.c there are several call-outs for "1/4" Bent Plate per typ. Lintel to ex. Beam connection detail – See Arch.", can you please advise what this is referring to? I cannot find a detail for it, and there are no bent plate lintels indicated in the lintel schedule on S0.2c, so I'm unsure what to provide at these locations	1-9-20	The intent was to provide steel shelf angles anchored to the face of existing concrete beams for support of small portions of existing brick façade. We will clarify this in the upcoming addendum.	1-9-20 MA
28.	Specification or manufacturer on custom center pivot doors. I know Solar Innovations makes these but I don't know if the architect had something specific in mind	1-9-20	These are intended to be two standard aluminum doors mulled together	1-9-20 DS
29.	Door hardware schedule and sets for aluminum doors. The hardware spec and sets we have appear to be for all other doors but aluminum doors. Or we need to know which doors get which hardware set. This is critical to pricing	1-9-20	Specs for aluminum doors hardware is included in the door hardware specifications. Hardware for full glass doors in break-out-rooms is within spec 084126.23 INTERIOR ALL GLASS ENTRANCES AND STOREFRONTS.	1-9-20 DS
30.	What's the height of the security window in vestibule L1-3? I don't find this anywhere	1-9-20	2'-10" A.F.F. See specification 085653 SECURITY WINDOWS for product requirements	1-9-20 DS
31.	Spec or further clarification on custom graphic on interior courtyard curtain wall. I have to dig into this a bit more to see if I can find more information.	1-9-20	Custom vinyl graphic was removed for glazers scope in Addendum #2	1-9-20 DS
32.	Drawing E5.02.c shows new feeder to existing panels as highlighted Can we be given these panel locations so we can figure the appropriate feeder lengths	1-8-20	Addendum #3 - Refer to revised riser diagram on Sheet E5.02.c	1-14-20 DS

33.	<p>During the walk through, there seemed to be random areas that had a 2nd ceiling buried above the existing ceiling. Will the allowance for the demolition scope cover any unforeseen 2nd ceilings?</p> <p>In the ceramics room, there are 1' X 1' ceiling tiles glued to the bottom of the deck. Drawing AD3.01B.b doesn't show removal of these tiles. Do they need to be removed?</p>	1-14-20	You should figure on glued ceiling tile removal (including all glue pucks) for all 3 floors of the southeast addition. Those are the only areas that have exposed ceilings in the final product.	1-14-20 NS
34.	The specs and plans do not call out a finish on the reinforcing wraps. What finish is desired for the wraps?	1-15-20	Yes, a detail will be added in the addendum 3 . Drywall wrap will be shown for the 5 columns exposed in the classrooms.	1-15-20 DS
35.	<p>Sheet S4.1c - the existing column axial capacity (Pn) and the demand (Pu), are all the same. Are they requesting double the capacity via FRP, or are they saying that the existing capacity already satisfies the required demand? (Hence Pn = Pu)</p> <p>Is the FRP to also enhance the bending capacity of the columns?</p>	1-15-20	The intent is to maintain the existing axial capacity of the column (Hence Pn = Pu) while increasing the ultimate moment capacity as specified on the tables. The reason it is shown this way is because sometimes when you increase the moment demand on the column, you can actually decrease the amount of axial capacity in the same column, so we want to make sure that doesn't happen	1-15-20 JG
36.	<p>1) A Please confirm what bid package is furnishing the Fire Rated Steel-Framed Entrances and Storefront. -Confirm Door #SM-1A and door frame are by this contractor B -Confirm if Sidelite frame next to Door #1514 is Fire Rated Steel or HM like the door frame, Reference 25/A8.02</p> <p>2) Please confirm what bid package is furnishing glass for handrails</p> <p>3) Confirm what bid package is furnishing and installing Aluminum Sunshade / Exterior Sun Control Devices per Spec Section 107113</p> <p>4) Please clarify notes per 5/A8.02 regarding applied wood finish to interior storefront framing system. Per review of the spec there are not any notes regarding this.</p> <p>5) Confirm surface applied mutins on HM frames are by the HM Frame contractor.</p>	1-15-20	<p>1). A. Door SM-1A is to be furnished and installed by the Curtainwall, Storefront, and Glazing Trade Contractor.</p> <p>1). B Door #1514 are fire frames made of hollow metal material, not standard hollow metal frames. All these HM fire rated frames are part of the General Trades Bid Package.</p> <p>2). The entire floor mounted structural glass guardrail is the responsibility of the Curtainwall, Storefront, and Glazing Trade Contractor.</p> <p>3). The Curtainwall, Storefront and Glazing Trade Contractor is responsible for the exterior sun control devices including all delegated design of this units.</p> <p>4). Its in the Finish Section 2.10 of spec section 084113 and is part of the Curtainwall, Storefront, and Glazing BP.</p> <p>5). Surface Applied Mutins at the HM frames are part of the General Trades Bid Package.</p>	1-15-20
37.	Please advise what laminated glass type is to be included on elevations 2/A7.21 and 2/A7.23	1-15-20	The laminated glass type for the curtainwall system identified on	1-15-20

			elevations 2/A7.21 and 2/A7.23 shall be glass Type G-27 (1/2" laminated)	DS
38.	Regarding Doors #1461A, 1512, & 1515A. Per the door schedule these frames are scheduled as HM but there is note #12 in the remarks that says these frames should be Fire Rated Steel Frames per Spec Section 084113. Please confirm what the correct frame type is.	1-15-20	Doors #1461A, 1512, & 1515A are fire frames made of hollow metal material, not standard hollow metal frames. All these HM fire rated frames are part of the General Trades Bid Package.	
39.	1) Is there a Vinyl Graphic spec for the Interior Curtainwall system shown on 2/A7.21 & 2/A7.23? Also, is there a better overall picture of what the complete graphic should look like?	1-15-20	All the vinyl graphics have been removed from Curtainwall, Storefront, and Glazing BP Scope of work. These will be bid at a later date.	1-15-20 NS

BG10 BP87 SCOPE OF WORK FOR GENERAL TRADES – SOUTH HIGH SCHOOL

Scope – This TRADE CONTRACTOR’s scope shall include but not be limited to the scope listed below. Please see entirety of bid documents for all scope requirements.

1. This TRADE CONTRACTOR shall reference ALL General, Existing, Architectural Demolition, Architectural, Structural, Mechanical, Plumbing, Electrical, Audiovisual, Security, Food Service Equipment, Theatre Systems, Performance Audiovisual Sheets included in this Bid Group 10 as they relate to **GENERAL TRADES**. This TRADE CONTRACTOR shall read all Notes and General Notes included in the drawings as they pertain to this scope of work. This TRADE CONTRACTOR shall review the project SCHEDULE included in this project manual and provide sufficient manpower to complete this TRADE CONTRACTOR’s scope of work within the designated durations provided.

Note: This TRADE CONTRACTOR’S scope of work shall be limited to those areas as indicated on plans for Phase C as shown in Construction Exhibits A,B, and C. This is Phase 3 of 3 phases of the Master Facility Plan, thus some drawings may include areas of work not to be included in this scope of work.

Note: There are phased areas of work that occur per the Construction Schedule. This TRADE CONTRACTOR will need to properly staff the project to meet the durations of the schedule. Failure to do so will result in backcharge to expedite other TRADES.

2. This TRADE CONTRACTOR shall be responsible for furnishing and installing all materials, skilled and/or licensed labor, equipment, tools, etc. to complete all aspects of this TRADE CONTRACTOR’s work including Rough Carpentry, Finish Carpentry, Joint Sealants, Caulking, Penetration Firestopping, Fire-Resistive Joint Systems, all required plywood backing (structural or non-structural) including any plywood for mounting of electrical panels and phone systems, wood plates (including pressure treated), all blocking (including any required for roof, wall, windows, storefront, curtainwall, roller shades, casework, toilet accessories, visual displays, relocated alumni display wall, etc.), Doors, Frames, and Hardware, Fire Protection Specialties, Toilet Accessories, Toilet Partitions, Overhead Coiling Doors and Grilles, Sectional Doors, Visual Display Boards, Folding Partitions, Folding Glass Panel Partitions, Wall & Ceiling Expansion Joint Covers, etc. All work shall be completed according to the specifications and as shown on the construction documents.

NOTE: Cold formed metal framing, light gauge metal framing, gypsum board sheathing and accessories, gypsum board reveals, casework & countertops are by the Metal Framing and Drywall Contractor and Millwork Contractor (Bidding at later date).

NOTE: This TRADE CONTRACTOR shall **NOT** be responsible for any insulation U.N.O. in this document. Acoustical, fiberglass, rigid and batt insulation is the responsibility of the METAL FRAMING AND DRYWALL TRADE CONTRACTOR. Any masonry cavity wall insulation is the responsibility of the MASONRY TRADE CONTRACTOR. Roof Insulation is by ROOFING CONTRACTOR. Below grade insulation is by the CONCRETE CONTRACTOR.

3. This TRADE CONTRACTOR shall be responsible for all penetration fire-stopping, acoustical penetration details (AC series drawings) and labeling of penetrations for all trades and penetrations. This work will be done as part of a contract allowance. See Allowances section in this document for more information. This TRADE CONTRACTOR

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shall be responsible for all misc. caulking between dissimilar materials and otherwise not noted in the construction documents, required in this project and shall be taken out of the Joint Sealants Allowance. Masonry Joints sealants are by the MASONRY CONTRACTOR. Millwork related sealants are by the MILLWORK CONTRACTOR, Glass related sealants are by the GLAZING CONTRACTOR, AND DRYWALL related sealants are by the FRAMING & DRYWALL CONTRACTOR.

4. This TRADE CONTRACTOR is to furnish and install any blocking and/or backing mounted to walls or installed in stud walls needed to support casework, shelving, storefront, curtainwall system, windows, window sills, metal panels, IDF racks, AV racks, countertops, etc. as indicated on plans. Any blocking not indicated on plans required for support of casework/millwork, visual displays, roller shades, etc., is to be included in this TRADE CONTRACTOR's cost.

NOTE: Refer to all MEP/AV/LV/ drawings for wall-mounted equipment.

5. This TRADE CONTRACTOR shall be responsible for furnishing and installing ALL Wood Roof Blocking as shown and as necessary per the construction documents, including any wood blocking as shown on all details in A5 Series Drawings.
6. This TRADE CONTRACTOR shall be responsible for furnishing and installing all fire-rated and non-fire rated expansion joint and covers covers required at interior and exterior walls, soffits, ceilings, window sills, etc. as specified in contract documents, including CJ-1, CJ-2, WJ-1, WJ-2, WJ-3, XJ-1, XJ-2. All roof expansion joints shall be by the ROOFING CONTRACTOR.
7. This TRADE CONTRACTOR shall be responsible for the FURNISH AND INSTALL of all Hollow Metal Doors, Flush Wood Doors, and associated Door Hardware, including any mag door hold opens as shown in the Contract Documents. This Trade Contractor shall be responsible for furnishing and installing all ancillary hardware and components necessary for a complete install including but not necessarily limited to, shims, Screws, Bolts, Sealant (interior and exterior), etc. This TRADE CONTRACTOR shall be responsible for unloading and receiving all Hollow Metal & Wood Doors, Hollow Metal Frames and Hardware furnished by this TRADE CONTRACTOR. Per Door Schedule 10-1 and 10-2 on sheet A8.10.

NOTE: The installation of hollow metal frames in drywall partitions will be by the Metal Framing and Drywall Contractor. The installation of hollow metal frames in the masonry partitions shall be installed by the Masonry Trade Contractor.

NOTE: This Trade Contractor is NOT responsible for furnishing or installing any hardware associated with the Aluminum Entrance Doors.

8. This TRADE CONTRACTOR shall be responsible for furnishing and installing Fire Extinguisher Cabinets and Fire Extinguishers, Phenolic-Core Toilet Compartments, Toilet Accessories, Corner Guards, Markerboard Units, Recessed Book Drops, Cable Hooks as shown in the construction documents.

NOTE: This TRADE CONTRACTOR shall be responsible for furnishing and installing all toilet accessories per the bid documents, including all grab bars and standard mirrors.

NOTE: All Electric Hand Dryers are to be furnished and installed by the Electrical TRADE CONTRACTOR.

NOTE: This TRADE CONTRACTOR shall install owner-furnished Soap Dispensers (consider (1) dispenser per individual sink if not shown in construction documents), Paper Towel Dispensers, and Toilet Paper Dispensers.

NOTE: This TRADE CONTRACTOR shall be responsible for coordinating in a timely manner with FRAMING AND DRYWALL CONTRACTOR and MEP CONTRACTORS and locating any items that shall be installed recessed in walls to avoid any conflicts.

NOTE: This TRADE CONTRACTOR shall be responsible to furnish and install the Natural Ash Wood Siding and Framing Components including ceiling hung. The Metal Shadow Box is the responsibility of the CURTAINWALL, STOREFRONT, SKYLIGHT, and GLAZING TRADE CONTRACTOR.

NOTE: This TRADE CONTRACTOR shall be responsible for all CK-1 ¼" Natural Composition Cork on ½" Plywood Substrate – NO exposed fasteners per the drawings. (Example on 3/A7.28.

NOTE: This TRADE CONTRACTOR shall be responsible to furnish and install all metal lockers. Masonry Bases will be by the MASONRY CONTRACTOR.

NOTE: This TRADE CONTRACTOR shall be responsible for all removal and stair guardrail modifications per note 71 on floorplans and sheet A6.11, This occurs at Stair M and Stair G.

NOTE: This TRADE CONTRACTOR shall be responsible for all wire mesh partitions.

NOTE: This TRADE CONTRACTOR shall be responsible for all sliding Marker Boards.

NOTE: This TRADE CONTRACTOR shall be responsible to extend the tunnel hatch opening (Frame) and provide new hatch lid shown on A2.01B.b in room 1-351. And new tunnel access door shown on A2.01C.

NOTE: This TRADE CONTRACTOR shall NOT be responsible for the GFRG column covers detailed on 6/A5.26. This is the responsibility of the METAL FRAMING AND DRYWALL CONTRACTOR.

NOTE: THIS TRADE CONTRACTOR is responsible for all HM frames including all FIRE RATED HM frames.

9. This TRADE CONTRACTOR shall furnish and install the Sectional Overhead Door with Glass Lites in the Culinary Arts Demo Kitchen, per the bid documents.

NOTE: This TRADE CONTRACTOR shall be responsible for coordinating with METAL FRAMING AND DRYWALL CONTRACTOR for opening sizes and rails installation.

NOTE: This TRADE CONTRACTOR shall be responsible for coordinating any power and low voltage rough-in requirements with the ELECTRICAL CONTRACTOR. This Trade Contractor shall be responsible for wiring for controls and programming.

10. This TRADE CONTRACTOR shall furnish and install all FOLDING GLASS PANEL PARTITIONS per specification section 102239.13 and the MARKERBOARD FOLDING PARTITION as shown in the contract documents. This TRADE CONTRACTOR shall be responsible for coordinating the bolting pattern required for the installation of the folding panel partitions ahead of time to avoid any field-drilling to the steel beams.

11. This TRADE CONTRACTOR shall be responsible for furnishing and installing all Interior HM Frames per specifications and Door Schedule. These Frames will be field painted and GLAZING CONTRACTOR shall be responsible for glazing these frames/partitions.

NOTE: This TRADE CONTRACTOR shall be responsible for all HM surface applied mutins on HM frames.

12. This TRADE CONTRACTOR shall be responsible for furnishing and installing the firesafing required between existing concrete slabs and new concrete slabs as shown in construction documents).
13. This TRADE CONTRACTOR shall be responsible for furnishing and Installing all full-height, full width interior and/or exterior Carpentry related sealant and caulking including but not necessarily limited to sealant/caulking of joints as part of this TRADE CONTRACTOR's work where indicated and/or required, including where the work of this TRADE CONTRACTOR intersects dissimilar materials. Sealant and caulking shall comply with the fire rating requirements of the wall where installed.

Note: For anything not included in the contract documents or otherwise specified in this scope, the joint sealants allowance will be utilized.

ALLOWANCES, BOND, & ALTERNATES

14. This TRADE CONTRACTOR shall include **an allowance of \$125,000.00 in their base bid** to account for any Unforeseen Conditions, Additional Temporary / Safety Enclosures, Winter Conditions and General Labor. Contract amounts will be adjusted by change order for amounts greater or less than the allowance. Allowance to be utilized only at the direction of Construction Manager.
15. This TRADE CONTRACTOR shall include **an allowance of \$25,000.00 to be included in the base bid for all misc. Joint Sealants, penetration fire-stopping, fire-resistive joint systems, Fire-resistant assembly identification, acoustical penetration, and joint sealants.** Contract amounts will be adjusted by change order for amounts greater or less than the allowance. Allowance to be utilized only at the direction of Construction Manager.
16. **Alternate 1:** This TRADE CONTRACTOR shall provide an ADD Alternate to Furnish and Install the Door, Frame and Hardware at door # C2-20B shown on A2.02E.
17. **Alternate 2:** This TRADE CONTRACTOR shall provide an ADD Alternate to Furnish and Install the Door, Frame and Hardware and all Toilet Accessories for the (2) single use bathrooms as shown on A2.01B.b and 9/A2.11.
18. **Alternate 3:** This TRADE CONTRACTOR shall provide an ADD alternate price to Furnish and Install the Wire Mesh Partition Gates shown in 2 locations on A2.02E.

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- 19. **Alternate 4:** This TRADE CONTRACTOR shall provide an ADD or DEDUCT alternate price to Furnish and Install Solid Panel Partitions with Marker Board Surface in lieu of Glass Panel Partitions.

- 20. This TRADE CONTRACTOR will be required to provide a Performance and Payment Bond for their work in accordance with 002010 of the General Conditions.

ACCEPTANCE

Accepted as listed above in addition to terms and conditions of the original construction documents on which the bid was based.

Company: Wight Construction Services, Inc.
 2500 North Frontage Road
 Darien, IL 60561

Signed: _____

Printed Name: _____

Position: _____

Date: _____

END OF SECTION 00300 –Scope

BG10 BP89 SCOPE OF WORK FOR METAL FRAMING & GYPSUM BOARD – NORTH HIGH SCHOOL

Scope – This TRADE CONTRACTOR's scope shall include but not be limited to the scope listed below. Please see entirety of bid documents for all scope requirements.

1. This TRADE CONTRACTOR shall reference ALL General, Civil, Structural, Existing Architectural, Architectural Demolition, Architectural, Mechanical, Mechanical Demolition, Plumbing Demolition, Plumbing, Electrical Demolition, Electrical, and Technology Sheets included in this Bid Group 10 as they relate to Framing and Gypsum Board. This TRADE CONTRACTOR shall read all Notes and General Notes included in the drawings as they pertain to this scope of work. This TRADE CONTRACTOR shall review the project SCHEDULE (ADD #1) included in this project manual and provide sufficient manpower to complete this trade contractor's scope of work within the designated durations provided.

Note: This TRADE CONTRACTOR'S scope of work shall be limited to those areas as indicated on plans for Phase C as shown in Construction Exhibits A, B, and C. This is Phase 3 of 3 phases of the Master Facility Plan, thus some drawings may include areas of work not to be included in this scope of work.

Note: There are phased areas of work that occur per the Construction Schedule. This TRADE CONTRACTOR will need to properly staff the project to meet the durations of the schedule. Failure to do so will result in backcharge to expedite other TRADES.

2. This TRADE CONTRACTOR shall be responsible for furnishing and installing all materials, skilled and/or licensed labor, equipment, tools, etc... to complete all aspects of this trade contractor's work including all Cold Formed Metal Framing, Light Gauge Metal Framing, Sheathing and Accessories, Wall/Partition Gypsum Board assemblies, Gypsum Board Ceilings and Soffits, Gypsum Board Shaft Assemblies, All Required Interior/Exterior Partition (Batt) Insulation or Mineral Wool, All Sound Attenuation Blanket, All Wool Firesafing, All Walls/Partitions Gypsum Board Furring, All Types Of Gypsum Board (Abuse Resistant, Moisture Resistant, Tile Backer Boards, Glass-Mat Gypsum Board, Gypsum Board With Factory-Applied Air/Water Membrane, Etc.), Fire Treated Plywood on Metal Framing, Caulking, Acoustical Sealants, Drywall Finishing, All Reveals, Aluminum Trims, etc. All work shall be completed according to the specifications and as shown on the construction documents.

Also including the Furnish and Install of:

- Cold Formed Metal Framing
- Sheathing
- Thermal Insulation
- Joint Sealants
- Acoustical Joint Sealant
- Gypsum Board Assemblies
- Access Doors and Frames
- GFRG Column Covers

3. This Trade Contractor shall furnish and install (20) access panels. Location of access panels will be decided and coordinated by the Construction Manager.
4. This TRADE CONTRACTOR shall be responsible for all the interior and exterior Cold-Formed Framing and Exterior Sheathing with pre-applied air & water membrane This TRADE CONTRACTOR shall be responsible for the delegated structural engineering of

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the Cold Formed Metal Framing by a licensed Illinois Structural Engineer per the contract documents. Any coordination required with the CURTAINWALL CONTRACTOR and the METAL PANEL CONTRACTOR shall be responsibility of this TRADE CONTRACTOR.

NOTE: In areas to receive Corrugated Metal Wall Panels, this TRADE CONTRACTOR's scope of work stops at the Exterior Sheathing with pre-applied air & water membrane or the plywood sheathing. The metal panel system Roofing & Metal Panel Contractor, including any insulation.

NOTE: This TRADE CONTRACTOR will be required to closely coordinate with the Metal Panel CONTRACTOR, who will be providing the Corrugated Metal Panel Systems. This TRADE CONTRACTOR might be required to hold dimensions for the fabrication of the metal panels prior to this TRADE CONTRACTOR's framing work is complete.

NOTE: This TRADE CONTRACTOR shall include NOT include the Metal Framing, Drywall, etc. for the West wall of the Learning Resource Center between column lines P and H as shown on A2.02B.b. This wall is within the BG #10 dashed line but has already been procured as part of BG #7.

NOTE: This TRADE CONTRACTOR shall be responsible for the GFRG column covers detailed on 6/A5.26.

5. This TRADE CONTRACTOR shall be responsible for furnishing and installing all Cold Formed Partition Walls and Fire Rated Cold Formed Partition Walls per The Contract Documents. ALL CFMF shown on A5.10 is the responsibility of this TRADE CONTRACTOR including all Gypsum Soffits, Duct Enclosures.

NOTE: All insulation inside Drywall Partitions is the responsibility of this TRADE CONTRACTOR.

NOTE: All Wood Blocking and Expansion Joints is NOT part of this BP and is the responsibility of the GENERAL TRADES CONTRACTOR.

NOTE: This Trade Contractor is also responsible for furnishing and installing any Fire Rated Deflection Track and Shaft Wall Assemblies as noted.

NOTE: Any in-wall blocking shall be furnished and installed by the GENERAL CARPENTRY TRADE CONTRACTOR. This TRADE CONTRACTOR shall be responsible for coordinating with the GENERAL CARPENTRY CONTRACTOR to ensure that all in-wall blocking is installed prior to installation of gypsum board.

NOTE: This TRADE CONTRACTOR shall be responsible for the Perimeter Fire Containment System within metal framing partitions per the bid documents.

NOTE: The Natural Ash Wood Siding is part of the GENERAL TRADES #87 BP.

6. This Trade Contractor shall be responsible for the framing of all Roof Parapet Walls. This TRADE CONTRACTOR's scope of work stops at the Exterior Sheathing. Any roofing insulation, roofing membrane and coverboard shall be by the Roofing Contractor.

NOTE: All Roof Blocking shall be responsibility of the GENERAL CARPENTRY TRADE CONTRACTOR and not be included in this TRADE CONTRACTOR's scope of work.

7. This TRADE CONTRACTOR shall be responsible for bracing or kickers required for CFMF and light gauge metal framing walls as indicated in the contract documents.

8. All acoustical, fiberglass, rigid and mineral wool insulation shall be the responsibility of this TRADE CONTRACTOR unless noted otherwise in the bid documents.

NOTE: Any masonry cavity wall insulation is the responsibility of the MASONRY TRADE CONTRACTOR. Roof Insulation is by ROOFING CONTRACTOR. Below grade insulation is by the CONCRETE CONTRACTOR.

NOTE: This TRADE CONTRACTOR shall be responsible for furnishing and installing all components of Top of Wall details on drawings A8.00 and A8.01, including but not limited to mineral wool, deflection track, acoustical joint sealant spray, etc. Refer to Partition Types on drawings A8.00.

NOTE: Mineral Wool at the head of ALL CMU walls is NOT by this TRADE CONTRACTOR, MASONRY CONTRACTOR is responsible for this Mineral Wool Fire Safing required for masonry walls.

9. This TRADE CONTRACTOR shall be responsible for installing all Hollow Metal Frames and Aluminum frames furnished by others (including frames for doors and windows) to be installed at metal framing/GB walls. This GENERAL TRADES CONTRACTOR shall be responsible for receiving and unloading the door frames (only frames) onsite. This TRADE CONTRACTOR shall also be responsible for furnishing and installing insulation at all hollow metal frames per specification for Hollow Metal Frames.

NOTE: This TRADE CONTRACTOR shall install insulation inside the frames prior to installation.

10. This TRADE CONTRACTOR shall be responsible for furnishing and installing all corner guards as specified in the A10 series drawings.

11. This TRADE CONTRACTOR shall be responsible for furnishing and installing all gypsum board ceilings and soffits including types GYP-1, GYP-3, as shown on the Reflected Ceiling Plans. This TRADE CONTRACTOR shall include all the accessories required for a complete installation per contract documents, including any trims, shadow reveals, molding, etc.

NOTE: This TRADE CONTRACTOR shall refer to Electrical Drawings and account for any taping of light fixtures housings or trims.

NOTE: All Axiom Trims required for transitions between Gypsum Board Ceilings and Acoustical Tile Ceilings shall be provided by the ACT Contractor and installed by this trade contractor.

12. This TRADE CONTRACTOR shall be responsible for providing any reveals in gypsum board walls or ceilings as shown in the construction documents. This TRADE CONTRACTOR shall get the reveals layout approved by the CM prior to installation.

13. This TRADE CONTRACTOR shall be responsible for providing any control joints in gypsum board assemblies necessary to prevent cracks and shown on bid documents. All control joints shall be coordinated to be installed at corners of windows or door frames where possible.

14. This TRADE CONTRACTOR shall be responsible for furnishing and Installing all full height, full width interior and/or exterior Carpentry related sealant and caulking including but not necessarily limited to sealant/caulking of joints as part of this trade contractors work where indicated and/or required, including where the work of this TRADE

Scope – This TRADE CONTRACTOR’s scope shall include but not be limited to the scope listed below. Please see entirety of bid documents for all scope requirements.

BG10 BP90 SCOPE OF WORK CURTAINWALL, STOREFRONTS, SKYLIGHTS & GLAZING – NORTH HIGH SCHOOL

1. This TRADE CONTRACTOR shall reference ALL General, Civil, Structural, Demolition and Architectural Sheets included in this Bid Group 10 as they relate to Storefronts/Windows, Curtainwall, Skylights and Glazing. This TRADE CONTRACTOR shall read all Specification Sections in this manual as well as Notes and General Notes included in the drawings as they pertain to this scope of work. This TRADE CONTRACTOR shall review the project SCHEDULE (ADD #1) included in this project manual and provide sufficient manpower and equipment to complete this TRADE CONTRACTOR’s scope of work within the designated durations provided.

Note: This TRADE CONTRACTOR’S scope of work shall be limited to those areas as indicated on plans for Phase C as shown in Construction Exhibits A, B, and C. This is Phase 3 of 3 phases of the Master Facility Plan, thus some drawings may include areas of work not to be included in this scope of work.

Note: There are phased areas of work that occur per the Construction Schedule. This TRADE CONTRACTOR will need to properly staff the project to meet the durations of the schedule. Failure to do so will result in backcharge to expedite other TRADES.

2. This TRADE CONTRACTOR shall be responsible for furnishing and installing all materials, skilled and/or licensed labor, equipment, tools, etc... to complete all aspects of this TRADE CONTRACTOR’s work including any and all Interior and Exterior Storefront Systems, Glazed Aluminum Curtainwalls, Metal Framed Skylights, Security Windows, Aluminum Door Frames, Aluminum Doors, all related Hardware, Glass Door Lites & Sidelites, Fire-Rated and Non-Fire Rated Glazing, etc. as indicated in construction documents and/or as specified in the project manual.

NOTE: This TRADE CONTRACTOR shall be responsible for glazing any and ALL Hollow Metal Window Frames interior and exterior. The Hollow Metal Frames will be furnished by GERNAL TRADES CONTRACTOR; and installed by DRYWALL & FRAMING CONTRACTOR or MASONRY CONTRACTOR.

3. This TRADE CONTRACTOR shall be responsible for furnishing, unloading, staging, storing, protecting, and installing the Storefront system as specified in Section 084113 – Aluminum-Framed Entrances and Storefronts and Curtainwall system as specified in Section 084413-Glazed Aluminum Curtain Walls including all related extruded aluminum trim and sill, all related aluminum support trim, all break metal, all related thermally broken aluminum sub-sill with weeps and baffles, all related Pack Void with Batt insulation, etc. This shall include all associated shop drawings, field coordination, and field measurement necessary for a complete installation.

NOTE: This TRADE CONTRACTOR shall be responsible for furnishing and installing the batt insulation required to fill the aluminum frames as shown in the contract documents.

Note: The furnish and install of the sill extensions, aluminum closures, painted aluminum panels, bent metal plates, as shown in the contract documents is the responsibility of this

TRADE CONTRACTOR. Aluminum closures shall include the closures shown between this TRADE CONTRACTOR's curtainwall

4. This TRADE CONTRACTOR shall be responsible for furnishing and installing a complete Metal Framed Skylight systems as specified in Section 086300 –This shall include all associated shop drawings, structural engineering, field coordination, and field measurement necessary for a complete installation.

NOTE: The furnish and install of the 12 GA Aluminum Closure/Flashing as shown in detail 1/5.18 and the Filling of void between framing and steel is the responsibility of this TRADE CONTRACTOR.

5. This TRADE CONTRACTOR shall be responsible for furnishing and installing ALL INTERIOR & EXTERIOR GLAZING per Specification 088000 and 088813 and the rest of the contract documents for the Storefronts, Curtainwalls, Skylights, Door Lites, Sidelites, Interior Aluminum Frames (by others), and Windows including: Insulated, Laminated, Safety, Tempered, Vision, Tinted, Fritted, Spandrel, Translucent, Fire-Rated, etc... This TRADE CONTRACTOR shall also include all related scope of work necessary for a complete install as indicated on the drawings and/or specified in the project manual.

NOTE: This TRADE CONTRACTOR shall be responsible for all shadow box metal plate shadow box (Aluminum to match windows) as detailed on 8/A7.40, 7/A7.40 and 6/A7.40, and all other locations shown around windows and wood panels in Commons area.

NOTE: This TRADE CONTRACTOR is responsible for the furnish and install of fire-rated and non-fire-rated glazing at all sidelites and door lites whether the doors and frames were supplied by this TRADE CONTRACTOR or not.

NOTE: This TRADE CONTRACTOR is responsible for all Aluminum Door Hardware per Door Schedule 10-1 and 10-2 on A8.10.

6. This TRADE CONTRACTOR shall be responsible for Interior Curtain Wall System, Laminated Glass in structural sealant as shown in Detail 2/A7.21 and Detail 2/A7.23 in the Commons. Including furnishing and install all Vinyl Graphics.

~~7. This TRADE CONTRACTOR shall be responsible for all Vinyl Graphics on glass surfaces. (VG-X)~~

~~NOTE: All Vinyl Graphics and Vinyl WC will be bid in a future bid package. This work shall not be included in base bid.~~

8. This TRADE CONTRACTOR shall be responsible for furnishing and installing all Aluminum Entrance Doors and associated hardware per specifications 084100 Aluminum-Framed Entrances and Storefronts and 087100 Door Hardware and as shown in the rest of the contract documents.

NOTE: This TRADE CONTRACTOR shall be responsible for scheduling a keying meeting and installing the final cores for all Aluminum Entrance Doors.

NOTE: This TRADE CONTRACTOR shall be responsible for the Bullet Resistant Transaction Window and New Aluminum Storefront Enclosure per 2/2.01E.

NOTE: This TRADE CONTRACTOR shall be responsible for the structural floor mounted glass guardrail at the bridge in the commons.

9. This TRADE CONTRACTOR shall be responsible for furnishing and installing all PIVOT Doors in Kynar Aluminum with Surface Applied Mutins, including all associated accessories, hardware, etc. required for a complete installation.

NOTE: This TRADE CONTRACTOR is NOT responsible for furnishing or installing the Folding Glass Partitions per note 41 on A2.02B.b and A2.01B.b. This will be responsibility of the General Trades Contractor. All other Glass Components shown on A8.02 and A8.03 shall be the responsibility of this TRADE CONTRACTOR.

NOTE: This TRADE CONTRACTOR is NOT responsible to furnish/install the Glass Overhead Sectional Door. This is part of the GENERAL TRADES CONTRACTOR.

10. This TRADE CONTRACTOR shall be responsible for furnishing and installing G-24 Glazing and Surface Applied Mutins per Details 16 & 3/A8.02. HM frames is the responsibility of the General Trades Contractor.

NOTE: The standard framed mirrors designated as MR-1 will be furnished and installed by the General Trades Contractor.

11. This TRADE CONTRACTOR shall be responsible for furnishing and Installing all full height, full width interior and/or exterior Aluminum/Glazing related sealant and caulking including but not necessarily limited to sealant/caulking of joints as part of this trade contractors work where indicated and/or required, including where the work of this trade contractor intersects dissimilar materials including but not limited to: aluminum to brick, aluminum to block, aluminum to cement siding, aluminum to drywall, etc... as indicated on the drawings and/or specified in the project manual.

12. This TRADE CONTRACTOR shall furnish and install all fasteners, hardware, clips, mounting devices, caulking, screws, bolts, anchoring systems, etc... to complete all scope according to drawings and construction documents.

13. This TRADE CONTRACTOR shall be responsible for the final cleaning of outside and inside glass surfaces installed by this TRADE CONTRACTOR, including but not limited to the METAL FRAMED SKYLIGHTS. Scheduling of this final cleaning work will be as directed by the Construction Manager. A mechanical lift or an extra mobilization should be figured for this work and is the responsibility of this TRADE CONTRACTOR.

14. This TRADE CONTRACTOR shall leave the site in a safe and orderly manner including barricades and effective deterrents from any and all possible dangers on a daily basis and at the conclusion of this trade contractor's work.

15. This TRADE CONTRACTOR shall be responsible to provide its own project layout according to the drawings, considering the benchmark locations and elevations that will be given by the Construction Manager.

16. This TRADE CONTRACTOR shall provide, on a separate form to be submitted with bid documents, a quantity take-off and cost breakdown of this bid.

17. This TRADE CONTRACTOR shall be responsible for providing and installing the Structurally Sealant for the butt glazed interior glazing and mullion free corners as indicated on the plans.

18. THIS TRADE CONTRACTOR shall be responsible to Furnish only, the Interior Aluminum Frames per spec section 081429. These Frames are be delivered to the

site, unloaded and given to the Drywall Contractor so that they can install them.
The Glazing of these frames will be the responsibility of this trade contractor.

ALLOWANCES, BOND, AND ALTERNATES

- 1. This TRADE CONTRACTOR shall include an allowance of **\$25,000.00 in their base bid** to account for any unforeseen conditions. Contract amounts will be adjusted by change order for amounts greater or less than the allowance. Allowance to be utilized only at the direction of Construction Manager.
- 2. **Alt. Bid #1** - This TRADE CONTRACTOR shall provide an **ADD Alternate Price to provide Glazing in new door and door lite shown on A2.02E.**
- 3. This TRADE CONTRACTOR will be required to provide a Performance and Payment Bond for their work in accordance with 00201 of the General Conditions.

ACCEPTANCE

Accepted as listed above in addition to terms and conditions of the original construction documents on which the bid was based.

Company: Wight Construction Services, Inc.
2500 North Frontage Road
Darien, IL 60561

Signed: _____

Printed Name: _____

Position: _____

Date: _____

END OF SECTION 00300 –Scope

ABATEMENT PROJECT FOR:

DOWNERS GROVE
NORTH HIGH SCHOOL



4436 MAIN STREET
DOWNERS GROVE, IL.

PROJECT# 19-26332

OCTOBER, 2019

REVISIONS

	ISSUE FOR SCOPE REVIEW	10.01.19
	ISSUE FOR SCOPE REVIEW	10.15.19
	ISSUE FOR BID	10.18.19
	ADDENDUM-1	10.29.19
	ADDENDUM-2	12.03.19

DRAWING INDEX

G-1.0 = GENERAL INFORMATION/COVER PAGE
G-1.1 = GENERAL NOTES

DOWNERS GROVE NORTH:
N-ASB-1A = ABATEMENT PLAN FIRST FLOOR
N-ASB-1B = ABATEMENT PLAN FIRST FLOOR
N-ASB-2A = ABATEMENT PLAN SECOND FLOOR
N-ASB-3A = ABATEMENT PLAN THIRD FLOOR
N-ASB-4A = ABATEMENT PLAN ROOF

THIS DRAWING WAS PREPARED
UNDER MY DIRECTION

Signature: *Christopher Spicer*

CHRISTOPHER SPICER
ILLINOIS PROJECT DESIGNER
IDPH# 100-20234



1550 Hubbard Ave.
Batavia IL 60510
Phone: (630) 879-3006
Fax: (630) 879-3014

DOWNERS GROVE NORTH HIGH SCHOOL

G-1.0

4436 MAIN STREET
DOWNERS GROVE, IL.

SCALE: DRAWN BY: JMO

PROJECT: 19-26332 DATE: 9.26.19

1. The Contractor shall undertake and complete the Work under the supervision of, and to the entire satisfaction of, WCD Group, LLC (WCD) and the Owner.
2. All asbestos removal shall be performed in accordance with all applicable federal, state and local laws. Guidelines, regulations orders and directives, including without limitations, the U.S. Environmental Protection Agency (EPA), U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), National Institute of Occupational Safety and Health (NIOSH), and State and local agencies.
3. Contractor shall provide signs, labels, warnings, and posted instructions that are necessary to protect, inform and warn people of the hazard from asbestos exposure. Post in a prominent and convenient place for the workers a copy of the latest applicable regulations from OSHA, EPA, NIOSH, State, and local agencies.
4. The Contractor shall not display any signs, posters, or other advertising on/or about the premises without the prior written consent of the Owner and WCD, with the exception of OSHA, State, and local agency required notices and safety signage.
5. The Contractor shall provide all electrical, water, and waste connections, tie-ins, extensions, and construction materials, supplies, etc. as required to facilitate asbestos removal. Contractor shall provide temporary heat, as required, in the work area. At no time shall propane, open flame, or combustion type heaters be used. Temperature inside work area shall be kept to 55°F minimum.
6. Contractor shall provide temporary electric and lights throughout the work area(s) as required in accordance with all applicable regulations and codes. Contractor shall also provide the building with temporary quartz lighting for those areas below the scaffolding. Temporary lighting shall meet with the approval of the owner.
7. Contractor shall exercise extreme care and caution during any and all demolition and abatement operations. Contractor shall conduct removal of all materials from the site with minimum disturbance; provide proper protection and regular maintenance of all building premises directly or indirectly associated with abatement operations.
8. Contractor shall completely isolate work area as described in contract documents. All isolation barriers, personal/waste decontamination enclosure system (P/W.D.E.S.), plastic sheeting, air filtration devices, auxiliary make-up air manifolds, etc. shall be in place and approved by the consultant prior to the beginning of asbestos removal procedures.
9. Contractor shall construct a personal/waste decontamination enclosure system (P/W.D.E.S.) as indicated. It shall be of sufficient size to accommodate storage of materials, equipment, etc. while allowing for the passage of laborers and their equipment (scaffolding) between clean and contaminated areas.
10. Contractor shall locate and seal all penetrations through walls between adjacent areas, including, but not limited to, pipe, duct, conduit, chases, and openings in fire walls or decks between floors as required by the field conditions.
11. Contractor shall construct isolation barriers in order to provide complete and total isolation of the abatement site from all adjacent areas.
12. Contractor shall provide an emergency exit (E.M.I.B.) as required.
13. Contractor shall provide portable negative air filtration devices (AFD) equipped with HEPA filters at 99.97% efficiency, to .3 microns. The number of NAM's shall be sufficient enough to ensure a minimum of eight (8) complete air changes per hour and maintain a negative pressure differential of 0.1 inches of water. Contractor shall install NAM exhaust manifold at the locations specified. Refer to contract specifications for description. Coordinate all locations with consultant. Contractor shall supply all necessary connections, fasteners, flexible ducts, manifolds, supports, etc. Any and all installations shall comply with contract documents and manufacturer's requirements.
14. Contractor shall HEPA vacuum and wet wipe all surfaces within the work area upon the completion of asbestos abatement. Refer to contract specifications.
15. Contractor shall be responsible for visiting the job site and determining all quantities, measurements, and any other conditions relative to the entire project and for the correction of same in case of an error. No extra compensation will be allowed on account of differences between actual conditions and those indicated on the drawings.
16. All routes through the building, to be used during the asbestos abatement operations shall be coordinated with owner and/or consultant. Contractor shall utilize enclosed mobile containers for transportation of all waste materials, all egress routes shall be properly protected and sufficiently maintained by the contractor.
17. Contractor shall be required to obtain any and all permits required for the execution of the work.


18. The Contractor shall provide a full-time, on-site, competent Project Supervisor, in addition to the specialists required by the specifications. The Supervisor must have the authority to make all decisions for this Contractor, and be responsible for all lower-tier Subcontractors and vendors. Qualifications of the Project Supervisor shall include the ability to speak and understand English or to have a supervisor in the immediate vicinity of any work being done with such ability and the ability to communicate with any non-English speaking personnel.
19. This Contractor and lower-tier Subcontractors shall ensure a "zero tolerance" disciplinary policy is in place for designated serious issues including, but not limited to, drug and/or alcohol use, smoking on site, personal protective equipment, safety and security policies. Zero tolerance policy is defined as the permanent removal from the project any person who, in the opinion of WCD or Owner's Site Representative, engages in any unsafe work activity or who in any manner jeopardizes the safety of other workers or any member of the public.
20. At a minimum, Personal Protective Equipment (PPE) shall be OSHA and ANSI compliant. PPE shall include hardhat, safety glasses with permanently affixed side shields, reflective vests, and safety steel toed boots. PPE in certain areas of this Site may also include chemical resistant steeltoed boots, Tyvek (or equivalent) suits, and chemical splash goggles. It shall be the Contractor's responsibility to determine what PPE is required in addition to the above-mentioned minimum requirements. Contractor is responsible for all Personal Protective Equipment (PPE).
21. Contractor is responsible for all OSHA exposure monitoring.
22. Contractor is responsible on a daily basis to submit a Daily Report (DR) to WCD indicating total number of people working that day, description of work completed that day, equipment on site and utilized, and total hours worked that day.
23. Storage and handling of the Contractor's materials and other supplies on site shall be subject to prior agreement between Contractor and WCD. Environmental protection and compliance with all applicable laws are absolute requirements, and shall govern the handling and storage of all such items. Requirements will include, but not be limited to: any basic, acidic, flammable, organic or petroleum products shall be stored inside of containment and away from drains, sewer manholes, etc.
24. Process piping (if applicable) must also be disconnected at low spots to ensure that materials have been removed from the lines. Area sewers must be protected and the residual materials that are cleaned up must be placed in the appropriate container. Contractor shall bring to WCD's attention any areas where they have questions or concerns regarding first breaks or materials that remain in vessels.
25. It shall be Contractor's responsibility to maintain all work areas in a safe condition at all times. WCD reserves the right to stop work if unsafe practices are witnessed.
26. Contractor shall protect the work area from unauthorized or accidental entry. Contractor shall install fencing, barriers and warning signs as per regulations. The Contractor shall be responsible for maintaining existing Site fencing/gates as required in keeping the Site secure during project (including any repairs to damaged new or existing fencing). Protection of the premises is the responsibility of the Contractor.
27. The Contractor and lower-tier Subcontractors shall inform WCD immediately of any incident or accident involving property damage or personal injury occurring on this project and shall comply with any and all investigations conducted by WCD. Such immediate communication to WCD includes, but is not limited to, incidents, injuries, illnesses and near misses. Any and all on-site injured employee, Contractor employee, or person is to be provided appropriate medical attention in accordance with the approved SSHASP.
28. The Contractor shall be responsible for managing each individual recycling, salvage or waste stream such that no co-mingling occurs. All appropriate measures and best management practices shall be implemented when handling each waste stream to assure it is properly identified, removed and disposed.
29. All transportation vehicles shall be properly licensed, registered and placarded for appropriate cargo in all states in which they will be traveling. All truck drivers will possess a current CDL license and any required endorsements for handling the waste generated from this project.
30. Contractor is responsible for all permits, notifications, and jurisdictional approval to perform the work.
31. All work shall be completed in accordance with Federal (EPA, OSHA), State and local regulations.
32. All work shall be performed by State licensed supervisors and laborers.
33. These drawings are a result of a field survey and are not to be considered as-built or engineering drawings. All quantities noted are estimated.
34. If additional suspect asbestos or hazardous materials are identified that are not indicated or referred to on these drawings, Contractor shall stop work immediately and notify WCD.

THIS DRAWING WAS PREPARED
UNDER MY DIRECTION

Signature: *Christopher Spicer*

CHRISTOPHER SPICER
ILLINOIS PROJECT DESIGNER
IDPH# 100-20234

	ADDENDUM-2	12.3.19
	ADDENDUM-1	10.29.19
	ISSUE FOR BID	10.18.19

 <p>WCD GROUP A GALLAGHER BASSETT COMPANY</p> <p>1550 Hubbard Ave. Batavia IL 60510 Phone: (630) 879-3006 Fax: (630) 879-3014</p>	DOWNERS GROVE NORTH HIGH SCHOOL	
	G-1.1	
	4436 MAIN STREET DOWNERS GROVE, IL.	
	SCALE:	DRAWN BY: JMO
PROJECT: 19-26332	DATE: 9.26.19	



1 LEVEL 1 ABATEMENT PLAN - AREA B & C

PER SECTION 01013E
 EXISTING VENTS
 CAULK TO BE
 REMOVED AS ACM
 IN COURTYARD
 21 VENTS.
 APPROX. 210 L.F.

- WORK PHASES**
- 01 = CHRISTMAS BREAK- DEC. 23RD - JAN. 6TH (10 DAYS)
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 - 05 = LATE SUMMER 2020

SCOPE OF WORK

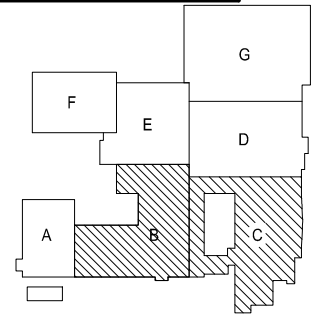
- = 01013A - FULL CONTAINMENT REMOVAL OF ALL FLOOR TILE UNDER CARPET AND ALL ASSOCIATED MASTICS.
- = 01013D - NON-FRIABLE WHOLE TILE REMOVAL OF ALL FLOOR TILE AND ALL ASSOCIATED MASTICS.
- = 01013A - FULL CONTAINMENT REMOVAL OF ALL FLOOR TILE AND ALL ASSOCIATED MASTICS.
- = FULL CONTAINMENT REMOVAL OF DUCT INSULATION
- = 01013A - FULL CONTAINMENT REMOVAL OF RED CLAY BASE
- = DEMO BY OTHERS

LEGEND:

- = DE-CONTAMINATION UNIT LOCATION
- = EQUIPMENT TUNNEL LOCATION
- = AIR LOCK
- = IDPH BARRIER LOCATION
- = NEGATIVE AIR MACHINE LOCATION

NOTE:

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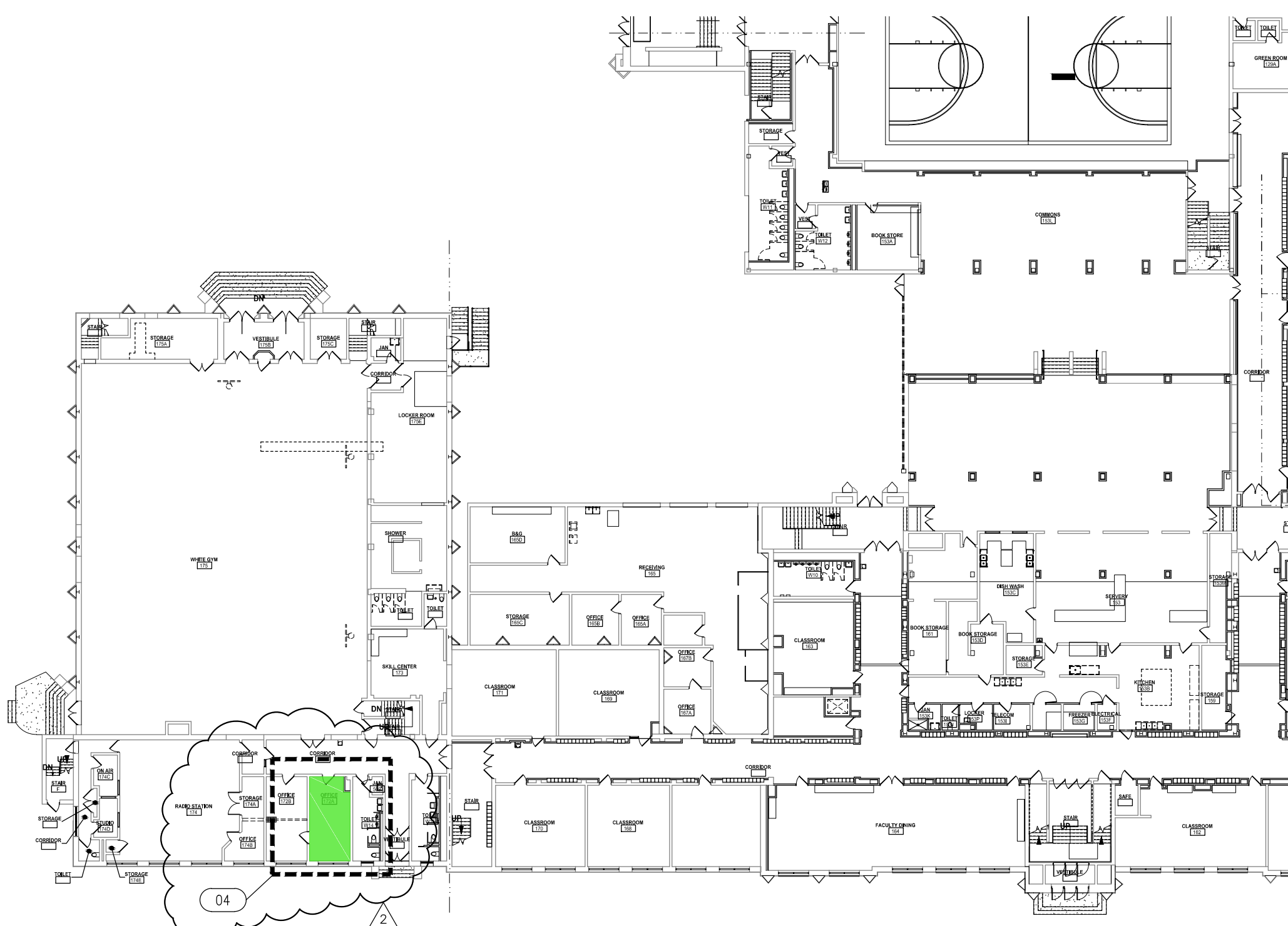
Signature: *Christopher Spicer*

CHRISTOPHER SPICER
 ILLINOIS PROJECT DESIGNER
 IDPH# 100-20234

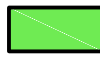
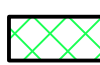
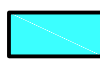


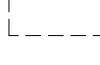
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 WCD GROUP A GALLAGHER BASSETT COMPANY 1550 Hubbard Ave. Batavia IL, 60510 Phone: (630) 879-3006 Fax: (630) 879-3014	DOWNERS GROVE NORTH HIGH SCHOOL	
	N-ASB-1A	
	4436 MAIN STREET DOWNERS GROVE, IL	
SCALE: 1/32"=1'-0"	DRAWN BY: JMO	
PROJECT: 19-26332	DATE: 9.26.19	

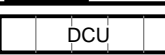








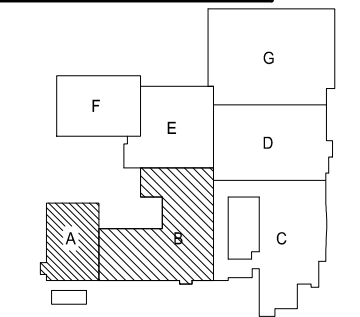
SCOPE OF WORK

-  = 01013A - FULL CONTAINMENT REMOVAL OF ALL FLOOR TILE UNDER CARPET AND ALL ASSOCIATED MASTICS.
-  = 01013D - NON-FRIABLE WHOLE TILE REMOVAL OF ALL FLOOR TILE AND ALL ASSOCIATED MASTICS.
-  = 01013A - FULL CONTAINMENT REMOVAL OF ALL FLOOR TILE AND ALL ASSOCIATED MASTICS.
-  = FULL CONTAINMENT REMOVAL OF DUCT INSULATION
-  = 01013A - FULL CONTAINMENT REMOVAL OF RED CLAY BASE
-  = DEMO BY OTHERS

LEGEND:

-  = DE-CONTAMINATION UNIT LOCATION
-  = EQUIPMENT TUNNEL LOCATION
-  = AIR LOCK
-  = IDPH BARRIER LOCATION
-  = NEGATIVE AIR MACHINE LOCATION

NOTE:
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1 LEVEL 1 ABATEMENT PLAN - AREA B & C

- WORK PHASES**
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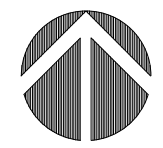
Signature: *Christopher Spicer*

CHRISTOPHER SPICER
 ILLINOIS PROJECT DESIGNER
 IDPH# 100-20234

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 A GALLAGHER BASSETT COMPANY

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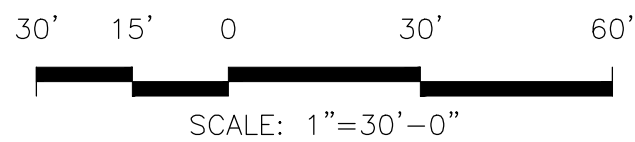
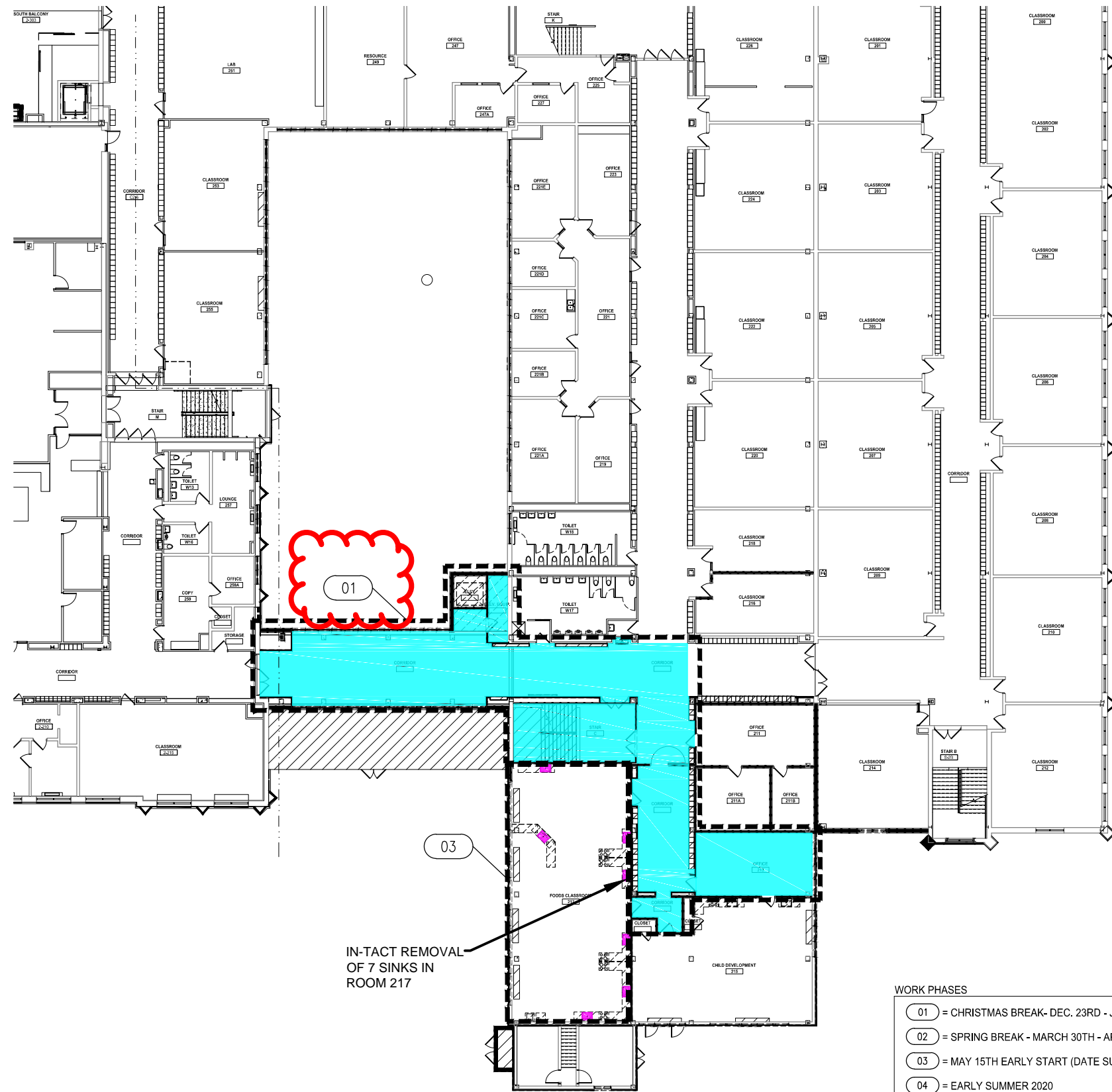
DOWNERS GROVE NORTH HIGH SCHOOL

N-ASB-1B

4436 MAIN STREET
 DOWNERS GROVE, IL

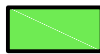
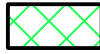




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PROJECT: 19-26332 DATE: 9.26.19

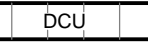






① LEVEL 2 ABATEMENT PLAN - AREA C

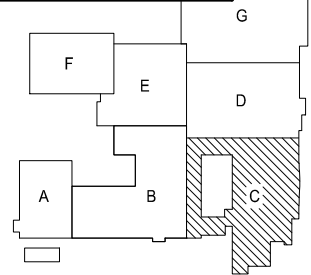
SCOPE OF WORK

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-  = 01013D - NON-FRIABLE WHOLE TILE REMOVAL OF ALL FLOOR TILE AND ALL ASSOCIATED MASTICS.
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-  = DEMO BY OTHERS

LEGEND:

-  = DE-CONTAMINATION UNIT LOCATION
-  = EQUIPMENT TUNNEL LOCATION
-  = AIR LOCK
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THIS DRAWING WAS PREPARED UNDER MY DIRECTION
 Signature: *Christopher Spicer*
 CHRISTOPHER SPICER
 ILLINOIS PROJECT DESIGNER
 IDPH# 100-20234

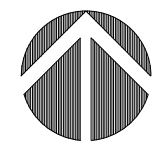


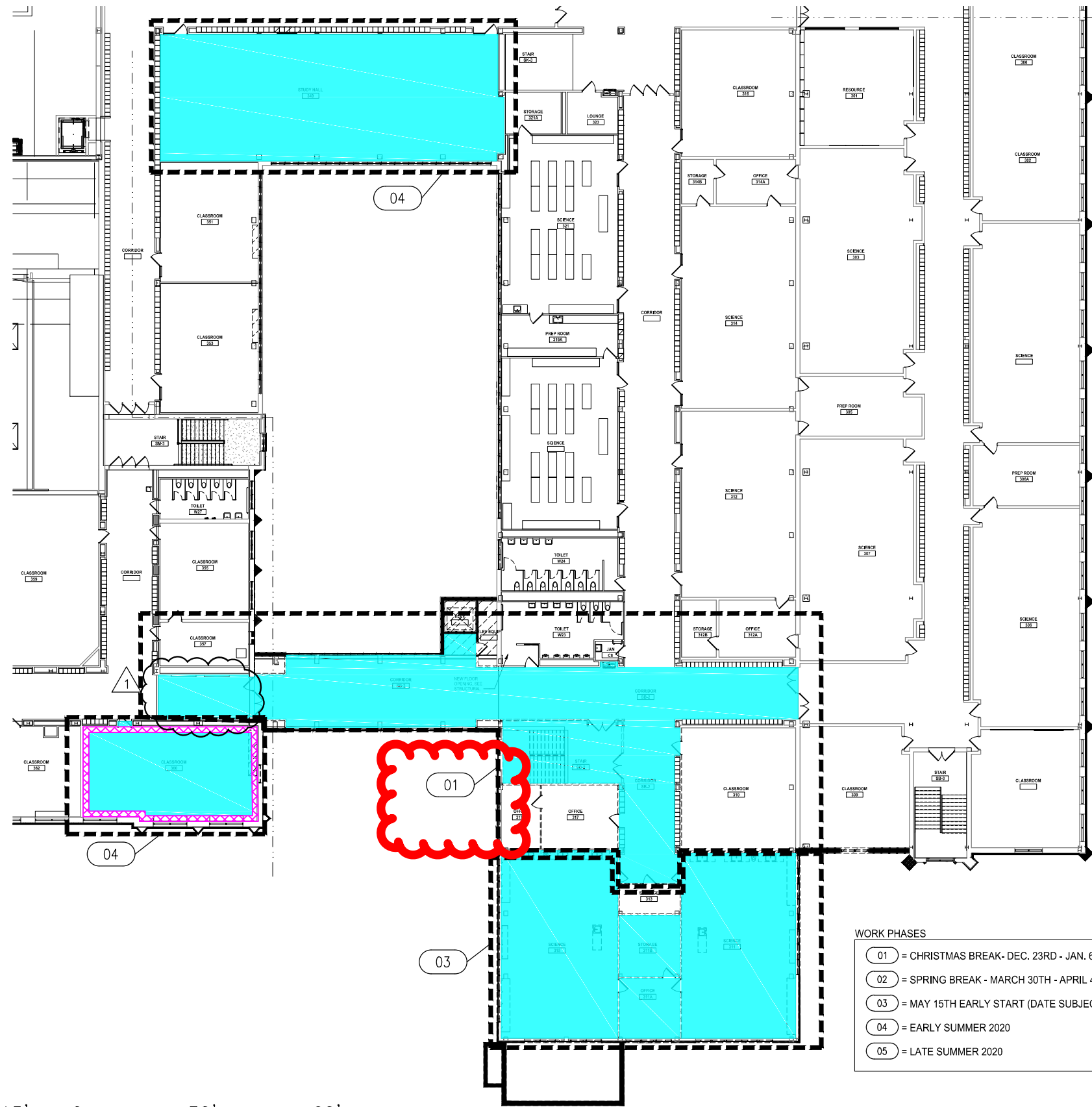
ADDENDUM-2	12.3.19
ADDENDUM-1	10.29.19
ISSUE FOR BID	10.18.19

WCD GROUP
 A GALLAGHER BASSETT COMPANY
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





DOWNERS GROVE NORTH HIGH SCHOOL
N-ASB-2A
 4436 MAIN STREET
 DOWNERS GROVE, IL.

SCALE: 1"=30' DRAWN BY: JMO
 PROJECT: 19-26332 DATE: 9.26.19

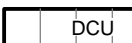

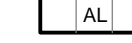

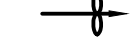




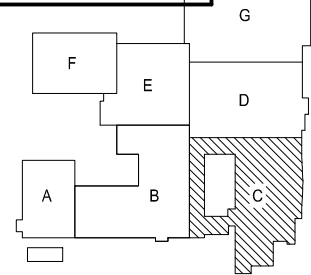
SCOPE OF WORK

-  = 01013A - FULL CONTAINMENT REMOVAL OF ALL FLOOR TILE **UNDER CARPET** AND ALL ASSOCIATED MASTICS.
-  = 01013D - NON-FRIABLE WHOLE TILE REMOVAL OF ALL FLOOR TILE AND ALL ASSOCIATED MASTICS.
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-  = 01013A - FULL CONTAINMENT REMOVAL OF RED CLAY BASE
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LEGEND:

-  = DE-CONTAMINATION UNIT LOCATION
-  = EQUIPMENT TUNNEL LOCATION
-  = AIR LOCK
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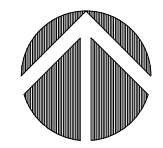
THIS DRAWING WAS PREPARED UNDER MY DIRECTION
 Signature: *Christopher Spicer*
 CHRISTOPHER SPICER
 ILLINOIS PROJECT DESIGNER
 IDPH# 100-20234



	ADDENDUM-2	12.3.19
1	ADDENDUM-1	10.29.19
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30' 15' 0 30' 60'
 SCALE: 1"=30'-0"

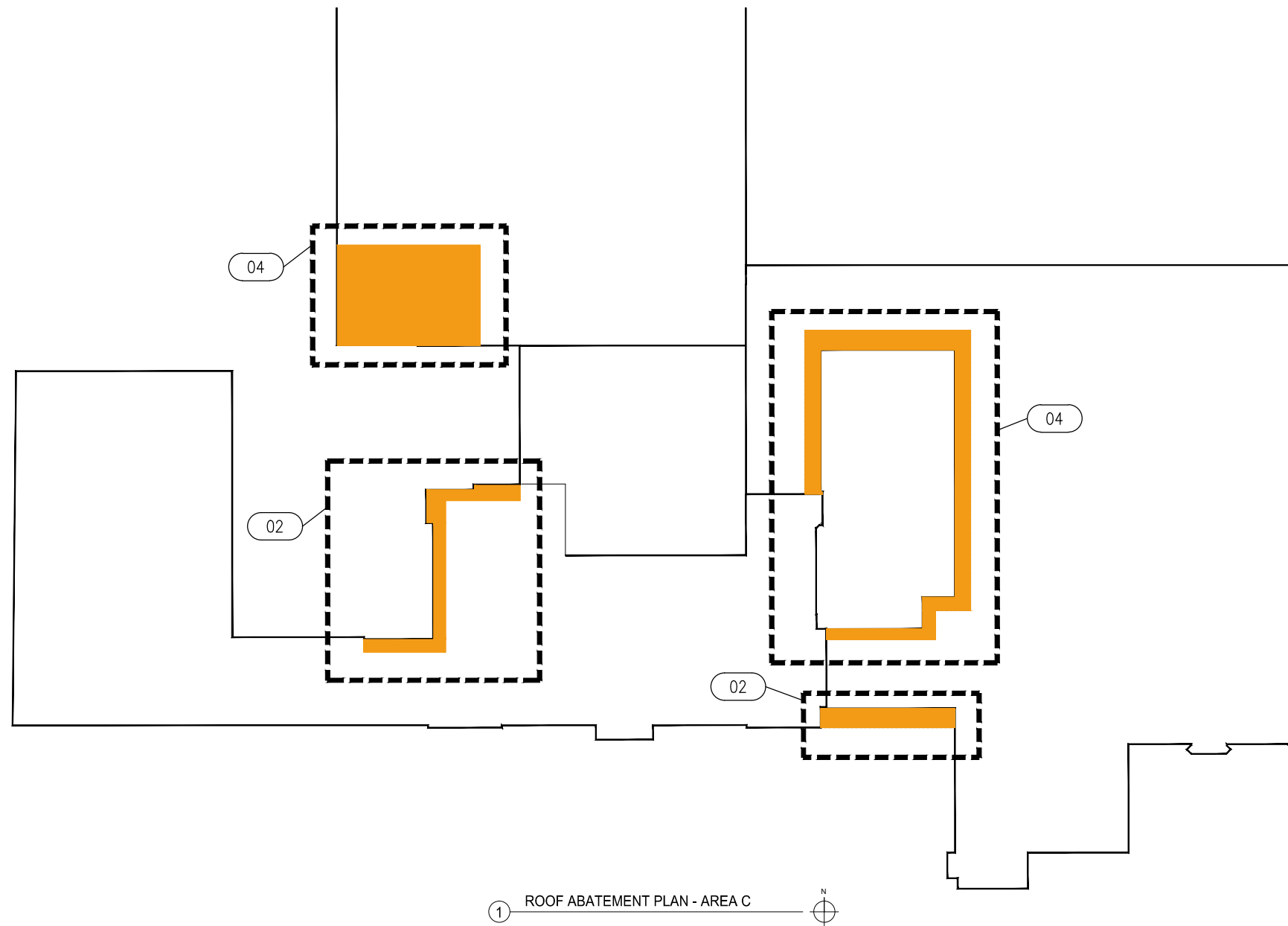
1 LEVEL 3 ABATEMENT PLAN - AREA C



WCD GROUP
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DOWNERS GROVE NORTH HIGH SCHOOL
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SCOPE OF WORK

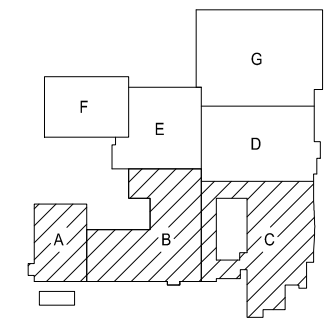
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- = DEMO BY OTHERS

LEGEND:

- = DE-CONTAMINATION UNIT LOCATION
- = EQUIPMENT TUNNEL LOCATION
- = AIR LOCK
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- = NEGATIVE AIR MACHINE LOCATION

NOTE:

THE LOCATION OF BARRIERS, DCU, ET AND NEGATIVE AIR EQUIPMENT ARE BASED ON ANTICIPATED REMEDIATION. DURING CONTAINMENT CONSTRUCTION CONTRACTORS, PROJECT MANAGER AND PROJECT DESIGNER WILL MAKE ADJUSTMENTS AS NECESSARY TO MEET IDPH REQUIREMENTS AND DOCUMENT ON CONSTRUCTION DRAWINGS.



WORK PHASES

- 01 = CHRISTMAS BREAK- DEC. 23RD - JAN. 6TH (10 DAYS)
- 02 = SPRING BREAK - MARCH 30TH - APRIL 4TH (6 DAYS)
- 03 = MAY 15TH EARLY START (DATE SUBJECT TO CHANGE)
- 04 = EARLY SUMMER 2020
- 05 = LATE SUMMER 2020

THIS DRAWING WAS PREPARED UNDER MY DIRECTION

Signature: *Christopher Spicer*

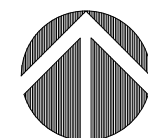
CHRISTOPHER SPICER
ILLINOIS PROJECT DESIGNER
IDPH# 100-20234



	ADDENDUM-2	12.3.19
1	ADDENDUM-1	10.29.19
	ISSUE FOR BID	10.18.19



1550 Hubbard Ave.
Batavia IL, 60510
Phone: (630) 879-3006
Fax: (630) 879-3014



DOWNERS GROVE NORTH HIGH SCHOOL

N-ASB-4A

4436 MAIN STREET
DOWNERS GROVE, IL.

SCALE:	1"=60'	DRAWN BY:	JMO
PROJECT:	19-26332	DATE:	9.26.19

SECTION 087111 – DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Commercial door hardware for the following:
 - a. Swinging doors.
 - b. Other doors to the extent indicated.
- 2. Cylinders for door hardware specified in other Sections.

- B. Related Requirements:

- 1. Division 06 Section "Architectural Woodwork" for cabinet door hardware provided as part of architectural woodwork.
- 2. Division 08 Section "Hollow Metal Doors and Frames" for door silencers provided as part of the frame.
- 3. Division 08 Section "Aluminum-Framed Entrances and Storefronts" for installation of entrance door hardware, except cylinders.
- 4. Division 08 Section "Flush Wood Doors" for integral intumescent seals provided as part of labeled fire-rated assemblies.
- 5. Division 26 Sections for connections to electrical power system and for low-voltage wiring work.

- C. Products furnished, but not installed, under this Section include the following. Coordinating, purchasing, delivering, and scheduling remain requirements of this Section.

- 1. Hardware for aluminum entrance doors and frames specified in other Sections.

1.3 ACTION SUBMITTALS

- A. Product Data: Include installation details, material descriptions, dimensions of individual components and profiles, and finishes.

- B. Shop Drawings: Details of electrified door hardware, indicating the following:
1. Wiring Diagrams: For power, signal, and control wiring and including the following:
 - a. Details of interface of electrified door hardware and building safety and security systems.
 2. Operation Narrative: Describe the operation of doors controlled by electrified door hardware.
- C. Samples for Verification: For exposed door hardware of each type, in specified finish, full size. Tag with full description for coordination with the door hardware sets. Submit Samples before, or concurrent with, submission of the final door hardware sets.
1. Samples will be returned to Contractor. Units that are acceptable and remain undamaged through submittal, review, and field comparison process may, after final check of operation, be incorporated into the Work, within limitations of keying requirements.
- D. Other Action Submittals:
1. Door Hardware Schedule: Prepared by or under the supervision of Installer, detailing fabrication and assembly of door hardware, as well as installation procedures and diagrams. Coordinate the final door hardware schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - a. Submittal Sequence: Submit door hardware schedule after or concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate the fabrication of other work that is critical in Project construction schedule.
 - b. Format: Use same scheduling sequence and format and use same door numbers as in the Contract Documents. Double space entries, and number and date each page.
 - c. Content: Include the following information:
 - 1) Identification number, location, hand, fire rating, size, and material of each door and frame.
 - 2) Locations of each door hardware set, cross-referenced to Drawings on floor plans and to door and frame schedule.
 - 3) Complete designations, including name and manufacturer, type, style, function, size, quantity, function, and finish of each door hardware product.
 - 4) Description of electrified door hardware sequences of operation and interfaces with other building control systems.
 - 5) Fastenings and other pertinent information.
 - 6) Explanation of abbreviations, symbols, and codes contained in schedule.
 - 7) Mounting locations for door hardware.

- 8) List of related door devices specified in other Sections for each door and frame.
2. Keying Schedule: Prepared by or under the supervision of Installer, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations that are coordinated with the Contract Documents.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer and Architectural Hardware Consultant.
- B. Product Certificates: For electrified door hardware, from the manufacturer.
 1. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
- C. Product Test Reports: For compliance with accessibility requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for door hardware on doors located in accessible routes.
- D. Warranty: Special warranty specified in this Section.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of door hardware to include in maintenance manuals. Include final hardware and keying schedule.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of workers trained and approved by product manufacturers with experience in installing specified items.
- B. Hardware Supplier Qualifications:
 1. Supplier must be a corporate member in good standing of The Door and Hardware Institute (DHI).
 2. Supplier shall employ an active Architectural Hardware Consultant (AHC), who is currently participating in DHI's continuing education program (CEP).
 3. Warehousing Facilities: In Project's vicinity.
 4. Scheduling Responsibility: Preparation of door hardware schedule.
 5. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.

- C. Source Limitations: Obtain each type of door hardware from a Source Limitations: Obtain each type of door hardware from a single manufacturer.
1. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated. Manufacturers that perform electrical modifications and that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction are acceptable.
- D. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
- E. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
1. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft. at the tested pressure differential of 0.3-inch wg of water.
- F. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
- G. Means of Egress Doors: Latches do not require more force than 8-1/2 lbf to release the latch for exterior doors and 5 lbf for interior doors. Locks do not require use of a key, tool, or special knowledge for operation.
- H. Accessibility Requirements: For door hardware on doors in an accessible route, comply with the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines and the Illinois Accessibility Act.
1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf.
 2. Comply with the following maximum opening-force requirements:
 - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf applied perpendicular to door.
 - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
 3. Adjust door closer sweep periods so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door.

- I. Keying Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination." In addition to Owner, Construction Manager, Contractor, and Architect, conference participants shall also include Installer's Architectural Hardware Consultant. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including, but not limited to, the following:
 - 1. Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 - 2. Preliminary key system schematic diagram.
 - 3. Requirements for key control system.
 - 4. Requirements for access control.
 - 5. Address for delivery of keys.

- J. Preinstallation Conference: Conduct conference at Project site.
 - 1. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 - 2. Inspect and discuss preparatory work performed by other trades.
 - 3. Inspect and discuss electrical roughing-in for electrified door hardware.
 - 4. Review sequence of operation for each type of electrified door hardware.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.
- B. Tag each item or package separately with identification coordinated with the final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys and permanent cores to Owner by registered mail or overnight package service.

1.8 COORDINATION

- A. Installation Templates: Distribute for doors, frames, and other work specified to be factory prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- B. Security: Coordinate installation of door hardware, keying, and access control with Owner's security consultant.
- C. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.

1.9 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including excessive deflection, cracking, or breakage.
 - b. Faulty operation of operators and door hardware.
 - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
- B. Warranty Period: One year from date of Substantial Completion, except as follows:
 - 1. Exit Devices: Two years from date of Substantial Completion.
 - 2. Locks: 3 years from date of Substantial Completion.
 - 3. Manual Closers: 10 years from date of Substantial Completion.

1.10 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Provide door hardware for each door as scheduled in Part 3 "Door Hardware Schedule" Article to comply with requirements in this Section.
 - 1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated.
 - 2. Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.
- B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Schedule" Article. Products are identified by descriptive titles corresponding to requirements specified in Part 2.
- C. Hardware shall be BHMA Grade 1.

2.2 HINGES

- A. Hinges: BHMA A156.1, Grade 1. Provide template-produced hinges for hinges installed on hollow-metal doors and hollow-metal frames.
1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Hager.
 - b. Ives.
 - c. Stanley.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.
- B. Quantity: Provide the following, unless otherwise indicated:
1. Two Hinges: For doors with heights up to 60 inches.
 2. Three Hinges: For doors with heights 61 to 90 inches.
 3. Four Hinges: For doors with heights 91 to 120 inches.
 4. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.
- C. Hinge Weight: Unless otherwise indicated, provide the following:
1. Entrance Doors and other high frequency doors: Heavy duty continuous hinges.
 2. Interior Doors: Standard weight ball bearing hinges.
 3. Interior Doors 3'4" wide or greater: Heavy weight ball bearing hinges.
- D. Hinge Base Metal:
1. Exterior Butt Hinges: Stainless steel, with stainless-steel pin.
 2. Continuous gear hinges: Anodized aluminum anodized
 3. Interior Hinges: Steel with steel pin.
- E. Hinge Options:
1. Nonremovable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for outswinging exterior doors.
 2. Corners: Square.
 3. All hinges to be ball bearing hinges.
- F. Fasteners: Comply with the following:
1. Machine Screws: For metal doors and frames. Install into drilled and tapped holes.
 2. Wood Screws: For wood doors and frames.
 3. Threaded-to-the-Head Wood Screws: For fire-rated wood doors.
 4. Screws: Phillips flat-head; machine screws (drilled and tapped holes) for metal doors. Wood screws for wood doors and frames]. Finish screw heads to match surface of hinges.

2.3 CONTINUOUS HINGES

- A. Continuous Hinges: BHMA 156.26, minimum 0.120-inch-thick, hinge leaves with minimum overall width of 4 inches; fabricated to full height of door and frame and to template screw locations; with components finished after milling and drilling are complete.
- B. Continuous, Gear-Type Hinges: Extruded-aluminum, pinless, geared hinge leaves joined by a continuous extruded-aluminum channel cap; with concealed, self-lubricating thrust bearings.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on schedule or comparable product by one of the following:
 - a. Hager.
 - b. Ives.
 - c. Select.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.
 - 2. Grade: Grade 1-300.
 - 3. Hinges for Fire-Rated Assemblies: With steel fire pins to hold fire-rated doors in place if required by tested listing.
 - 4. Mounting: Concealed leaf.

2.4 MECHANICAL LOCKS AND LATCHES

- A. Lock Functions: As indicated in door hardware schedule. Provide mortise and cylindrical locksets as indicated in hardware sets.
- B. Lock Throw: Comply with testing requirements for length of bolts to comply with labeled fire door requirements, and as follows:
 - 1. Mortise Locks: Minimum 3/4-inch latchbolt throw.
 - 2. Deadbolts: Minimum 1-inch bolt throw.
- C. Lock Backset: 2-3/4 inches, unless otherwise indicated.
- D. Lock Trim:
 - 1. Description: As indicated in door hardware schedule.
 - 2. Dummy Trim: Match lever lock trim and escutcheons.
 - 3. Operating Device: Lever with escutcheons (roses).
- E. Strikes: Provide manufacturer's standard strike for each lock bolt or latchbolt complying with requirements indicated for applicable lock or latch and with strike box and curved lip extended to protect frame; finished to match lock or latch.
 - 1. Aluminum-Frame Strike Box: Manufacturer's special strike box fabricated for aluminum framing.

- F. Mortise Locks: BHMA A156.13; Grade 1.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Schlage.
 - b. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.5 DOOR BOLTS

- A. Automatic Flush Bolts: BHMA A156.3, Grade 1; designed for mortising into door edge.
- B. Dustproof Strikes: Grade 1, polished wrought brass, with 3/4-inch-diameter, spring-tension plunger.
- C. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - 1. Flush Bolts:
 - a. Hager.
 - b. Ives.
 - c. Rockwood.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.
- D. Bolt Throw: Comply with testing requirements for length of bolts to comply with labeled fire door requirements, and as follows:
 - 1. Mortise Flush Bolts: Minimum 3/4-inch throw.

2.6 EXIT DEVICES AND AUXILIARY ITEMS

- A. Exit Devices and Auxiliary Items: BHMA A156.3, Grade 1.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Von Duprin
 - b. No alternate manufacturers will be accepted without architect's approval prior to bidding.
- B. Panic Exit Devices: Listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for panic protection, based on testing according to UL 305.

- C. Fire Exit Devices: Devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252.
- D. Fire-Exit Removable Mullions: Provide removable mullions for use with fire exit devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252. Mullions shall be used only with exit devices for which they have been tested.
- E. Through-Bolt Fasteners: For exit devices and trim on metal doors and fire-rated wood doors.

2.7 LOCK CYLINDERS

- A. Lock Cylinders: Manufacturers interchangeable core, constructed from brass or bronze, stainless steel, or nickel silver.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Schlage.
 - b. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.8 KEYING

- A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, Appendix A. Incorporate decisions made in keying conference.
 - 1. Key all new cylinders into the existing masterkey system.
- B. Keys: Nickel-silver.
 - 1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
 - a. Notation: "DO NOT DUPLICATE."
 - 2. Quantity: In addition to one extra blank key for each lock, provide the following:
 - a. Cylinder Change Keys: Three.
 - b. Master Keys: Five.
 - c. Grand Master Keys: Five.
 - d. Control Keys: Two.

2.9 OPERATING TRIM

- A. Operating Trim: BHMA A156.6, Grade 1; stainless steel, unless otherwise indicated.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Hager.
 - b. Ives.
 - c. Rockwood.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.
- B. Flat Push Plates: 0.050 inch thick, 4 inches wide by 16 inches high with square corners and beveled edges; secured with exposed screws.
- C. Straight Door Pulls: With minimum clearance of 1-1/2 inches from face of door.
 - 1. Type: 1-inch constant diameter pull.
 - 2. Mounting: Through bolted with oval-head machine screws and countersunk washers.
 - 3. Center to Center Length: 10 inches.

2.10 SURFACE CLOSERS

- A. Surface Closers: BHMA A156.4, Grade 1; rack-and-pinion hydraulic type with adjustable sweep and latch speeds controlled by key-operated valves and forged-steel main arm. Comply with manufacturer's written recommendations for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force. Provide extra duty arm at parallel arm locations.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. LCN
 - b. No alternate manufacturers will be accepted without architect's approval prior to bidding.
- B. Surface Closer with Cover: Grade 1; Modern Type with mechanism enclosed in cover. Mounting and type as indicated, with adjustable backcheck effective between 60 and 85 degrees of door opening, and molded plastic cover.
- C. Size of Units: Unless otherwise indicated, comply with manufacturer's written recommendations for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force.

2.11 AUTOMATIC DOOR OPERATORS

- A. General: Provide operators of size recommended by manufacturer for door size, weight, and movement; for condition of exposure; and for compliance with UL325. Coordinate operator mechanisms with door operation, hinges, and activation devices.

Fire Rated Doors: Provide door operators for fire-rated door assemblies that comply with NFPA80 for fire-rated door components and are listed and labeled by a qualified testing agency.

- B. Brackets and Reinforcements: Manufacturer's standard, fabricated from aluminum with nonferrous shims for aligning system components.
- C. Standard: Certified ANSI/BHMA A156.19.

Performance Requirements:

- a. Opening force if power fails: Not more than 15lbf to release a latch if provided, not more than 30lbf required to manually set door in motion, and not more than 15lbf required to fully open door.
 - b. Entrapment Protection: Not more than 15lbf required to prevent stopped door from closing or opening.
- D. Configuration: Surface mounted. Door operators to control single swinging and pair of swinging doors.
- E. Operation: Power opening and spring closing capable of meeting ANSI A117.1 accessibility guideline. Provide time delay for door to remain open before initiating closing cycle as required by ANSI/BHMA A156.19. When not in automatic mode, door operator to function as manual door closer with fully adjustable opening and closing forces, with or without electrical power.
- F. Features: Operator units to have full feature adjustments for door opening and closing force and speed, backcheck, motor assist acceleration from 0 to 30 seconds, time delay, vestibule interface delay, obstruction recycle, and hold open time from 0 up to 30 seconds.
- G. Provide outputs and relays on board the operator to allow for coordination of exit device latch retraction, electric strikes, magnetic locks, card readers, safety and motion sensors and specified auxiliary contacts.
- H. Activation Devices: Provide activation devices in accordance with ANSI/BHMA A156.19 standard, for condition of exposure indicated and for long term, maintenance free operation under normal traffic load operation. Coordinate activation control with electrified hardware and access control interfaces. Activation switches are standard SPST, with option DPDT availability.

1. Manufacturers:

- a. LCN

- b. Horton
- c. Motion Access
- d.. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.12 MECHANICAL STOPS AND HOLDERS

- A. Wall- and Floor-Mounted Stops: BHMA A156.16, Grade 1; polished cast brass, bronze, or aluminum base metal; with rubber bumper.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Hager.
 - b. Ives.
 - c. Rockwood.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.13 OVERHEAD STOPS AND HOLDERS

- A. Overhead Stops and Holders: BHMA A156.8, Grade 1.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. ABH.
 - b. Glynn-Johnson.
 - c. Rixson.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.14 METAL PROTECTIVE TRIM UNITS

- A. Metal Protective Trim Units: BHMA A156.6, Grade 1; fabricated from 0.050-inch-thick sheet; with manufacturer's standard machine or self-tapping screw fasteners.
 - 1. Approved Manufacturers: Subject to compliance with requirements, provide product indicated on schedule or equal product by one of the following:
 - a. Hager.
 - b. Ives.
 - c. Rockwood.
 - d. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.15 ELECTRIC STRIKES

- A. Electric Strikes: Heavy duty, confirming to ANSI/BHMA A156.31, UL listed for both Burglary Resistance and for use on fire rated door assemblies. Stainless Steel construction tested to 2000lbs of static strength and 120ft-lbs dynamic strength. Strikes tested for a minimum 1 million operating cycles. Provide strikes with 12 or 24VDC capability and supplied as fail secure unless otherwise specified.
1. Acceptable Manufacturers:
 - a. HES.
 - b. Von Duprin.
 - c. No alternate manufacturers will be accepted without architect's approval prior to bidding.

2.16 DOOR GASKETING

- A. Standard: BHMA A156.22.
- B. General: Provide continuous weather-strip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated or scheduled. Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.
1. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
 2. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
 3. Door Bottoms: Apply to bottom of door, forming seal with threshold when door is closed.
- C. Air Leakage: Not to exceed 0.50 cfm per foot of crack length for gasketing other than for smoke control, as tested according to ASTM E 283.
- D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated, based on testing according to ASTM E 1408.
- E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- F. Gasketing Materials: ASTM D 2000 and AAMA 701/702.
- G. Manufacturers:
 1. National Guard Products (NGP).
 2. Pemko.
 3. Reese.
 4. Smoke Seals. Provide smoke seal gasketing at all fire doors regardless if shown in sets.

2.17 THRESHOLDS

- A. Standard: BHMA A156.21.
- B. Accessibility Requirements: Where thresholds are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
 - 1. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch high.
- C. Thresholds for Means of Egress Doors: Comply with NFPA 101. Maximum 1/2 inch high.
- D. Manufacturers:
 - 1. National Guard Products (NGP).
 - 2. Pemko.
 - 3. Reese.

2.18 FABRICATION

- A. Base Metals: Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18 for finishes. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.
- B. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to commercially recognized industry standards for application intended. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.
 - 1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.
 - 2. Fire-Rated Applications:
 - a. Wood or Machine Screws: For the following:
 - 1) Hinges mortised to doors or frames; use threaded-to-the-head wood screws for wood doors and frames.
 - 2) Strike plates to frames.
 - 3) Closers to doors and frames.

b. Steel Through Bolts: For the following unless door blocking is provided:

- 1) Surface hinges to doors.
 - 2) Closers to doors and frames.
 - 3) Surface-mounted exit devices.
3. Spacers or Sex Bolts: For through bolting of hollow-metal doors.
 4. Fasteners for Wood Doors: Comply with requirements in DHI WDHS.2, "Recommended Fasteners for Wood Doors."
 5. Gasketing Fasteners: Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.

2.19 FINISHES

- A. Provide finishes complying with BHMA A156.18 as indicated in door hardware schedule.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
- B. Wood Doors: Comply with DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."

3.3 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 - 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
 - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than the number recommended by manufacturer for application indicated or one hinge for every 30 inches of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.
- D. Stops: Provide wall stops for doors unless floor or other type stops are indicated in door hardware schedule. Do not mount floor stops where they will impede traffic.

3.4 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - 1. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.

3.5 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.

- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.6 MISCELLANEOUS

- A. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL10C, unless otherwise indicated. Provide positive latching and self closing, regardless if specified in sets.
- B. Items of hardware not definitely specified herein but necessary for completion of the Work shall be provided. Such items shall be of type and quality suitable to the service required and comparable to the adjacent hardware. Where size and shape of members is such as to prevent the use of types specified, hardware shall be furnished of suitable types having as nearly as practicable the same operation and quality as the type specified. Sizes shall be adequate for the service required. Include such nuances as strike type, strike lip, raised barrel hinges, mounting brackets, fasteners, shims, and coordination between conflicting products. All doors shall be provided with a stop.

3.7 DOOR HARDWARE SCHEDULE

SET 01

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	WEATHERSTRIP	130NBR	BR	NGP
1 EA	SWEEP	200NBR	BR	NGP
1 EA	THRESHOLD	8425	AL	NGP

SET 02

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD HOLDER	GJ100H	612	LCN
1 SET	AUTO FLUSHBOLTS	FB31P	612	IVES
1 EA	DUSTPROOF STRIKE	DP1	612	IVES
1 EA	COORDINATOR	COR X FL	BLK	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	BLK	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA	ASTRAGAL	BY DOOR SUPPLIER		
1 SET	SEALS	5050C	BKL	NGP
1 EA	THRESHOLD	896N	AL	NGP

SET 03

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM LOCK	L9070R X 03A	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD HOLDER	GJ100H	612	LCN
1 SET	AUTO FLUSHBOLTS	FB31P	612	IVES
1 EA	DUSTPROOF STRIKE	DP2	612	IVES
1 EA	COORDINATOR	COR X FL	BLK	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	BLK	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD

SET 04

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	9927L X LBR	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD HOLDER	GJ100H SERIES	612	GLYNN-JOHNSON
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD

SET 05

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	9927L-F X LBR	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	MAG HOLD OPEN	SEM7850	691	LCN
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA	ASTRAGAL	5070B	BLK	NGP
1 SET	SEALS	5050C	BLK	NGP

SET 06

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	OFFICE LOCK	L9050R X 03A	612	SCHLAGE
1 EA	WALL STOP	409	612	ROCKWOOD

SET 07

1 EA	POCKET SET	PDF150N-00-XX	---	STANLEY
1 EA	DEADLOCK	MS1850S-3-5	335	ADAMS RITE
1 EA	THUMBTURN	09-905 X XB11-720	622	SCHLAGE
2 EA	PULLS	RM2110-16"	612	ROCKWOOD

**STOPS TO BE POSITIONED IN TRACK SUCH THAT WHEN DOOR IS OPENED PULLS DO NOT HIT WALL AND THERE IS MINIMUM 32" CLEAR WIDTH.
 **MOUNT PULLS BACK TO BACK.

SET 08

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	PASSAGE	L9010 X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP-H	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 09

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	PRIVACY	L9040 X 03A X L283-722	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 10

1 EA	I/C CYLINDER	AS REQUIRED	626	SCHLAGE
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**BALANCE OF HARDWARE BY DOOR SUPPLIER

SET 11

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM SEC	L9071R X 03A	612	SCHLAGE
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	ADJUSTABLE SEAL	104N	DKB	NGP
1 SET	SEALS	5020C	BLK	NGP
1 EA	SWEEP	200N	DKB	NGP
1 EA	THRESHOLD	412	AL	NGP

SET 12

EA	HINGES	BY STC DOOR SUPPLIER		
1 EA	CLASSROOM	L9070R X 03A	612	SCHLAGE
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	THRESHOLD	412	AL	NGP

**BALANCE OF HARDWARE BY STC DOOR SUPPLIER.

SET 13

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM SEC	L9071R X 03A	612	SCHLAGE
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 SET	ADJUSTABLE SEAL	104N	DKB	NGP
1 EA	SWEEP	200N	DKB	NGP
1 EA	THRESHOLD	412	AL	NGP

SET 14

NOT USED

SET 15

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
2 SET	SEALS	5020	BLK	NGP
1 EA	SWEEP	200NBR	BR	NGP
1 EA	THRESHOLD	412	AL	NGP

**PROVIDE ONLY 1 SET OF SEALS AT HINGE JAMB. 2 SETS REQUIRED AT HEAD AND STRIKE JAMB.

SET 16

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM SEC	L9071R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 EA	ADJUSTABLE SEAL	104N	DKB	NGP
2 SET	SEALS	5020C	BLK	NGP
1 EA	SWEEP	200NBR	BR	NGP
1 EA	THRESHOLD	412	AL	NGP

**GENERAL CONTRACTOR TO FILL RECESS AT HOLLOW METAL DOOR WITH MINERAL WOOL AND GLUE IN PLACE.

**PROVIDE ONLY 1 SET OF SEALS AT HINGE JAMB. 2 SETS REQUIRED AT HEAD AND STRIKE JAMB.

SET 17

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	ELECTRIC HINGE	AS SPECIFIED X ETW-6	612	HAGER
1 EA	ELECTRIC LOCK	RX-L9092REU X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	WEATHERSTRIP	130NBR	BR	NGP
1 EA	SWEEP	200NBR	BR	NGP
1 EA	THRESHOLD	8425	AL	NGP
1 EA	POSITION SWITCH	1078	GRY	GE

**RELEASE BY OTHERS.

OPERATION: DOOR NORMALLY LOCKED AND CLOSED. VALID REMOTE RELEASE UNLOCKS ELECTRIC LOCK TO ALLOW ENTRY. FREE EGRESS IS ALWAYS ALLOWED.

SET 18

EA HINGES	AS SPECIFIED	639	HAGER
1 EA EXIT DEVICE	99L-NL-F	612	VON DUPRIN
1 EA CYLINDER	AS REQUIRED	612	VON DUPRIN
1 EA CLOSER	4040XP	691	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 19

EA HINGES	AS SPECIFIED	639	HAGER
1 EA STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA I/C CYLINDER	AS REQUIRED	626	SCHLAGE
1 EA AUTO OPERATOR	4640	691	LCN
2 EA ACTUATORS	8310-818T	630	LCN
2 EA FLUSH MOUNT	8310-819F	---	LCN
1 EA WALL STOP	409	612	ROCKWOOD
1 EA ELECTRIC STRIKE	1500C	612	HES
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 EA KEYSWITCH	653-14	630	SCHLAGE

OPERATION: KEYSWITCH CONTROLS ELECTRIC STRIKE AND OUTSIDE AUTOMATIC OPERATOR ACTUATOR. TURNING ON KEYSWITCH, RELEASES ELECTRIC STRIKE AND ACTIVATES OUTSIDE AUTOMATIC OPERATOR ACTUATOR (MAKING DOOR ACT AS PUSH/PULL WITH OPTIONAL USE OF AUTOMATIC OPERATOR FROM OUTSIDE). TURNING OFF KEYSWITCH SECURES ELECTRIC STRIKE AND TURNS OFF OUTSIDE AUTOMATIC OPERATOR ACTUATOR TO LOCK AND SECURE DOOR. INSIDE AUTOMATIC OPERATOR ACTUATOR IS ALWAYS ACTIVE (PRESSING INSIDE ACTUATOR ACTIVATES ELECTRIC STRIKE AND AUTOMATIC OPERATOR TO ALLOW EGRESS). FREE EGRESS IS ALWAYS ALLOWED.

SET 20

EA HINGES	AS SPECIFIED	639	HAGER
1 EA CLASSROOM LOCK	L9070R X 03A	612	SCHLAGE
1 EA WALL STOP	409	612	ROCKWOOD

SET 21

EA HINGES	AS SPECIFIED	639	HAGER
1 EA PRIVACY	L9040 X 03A X L283-722	612	SCHLAGE
1 EA WALL STOP	409	612	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 22

EA HINGES	AS SPECIFIED	639	HAGER
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1 EA	CLASSROOM SEC	L9071R X 03A	612	SCHLAGE
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON

SET 23

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	OFFICE LOCK	L9050R X 03A	612	SCHLAGE
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON

SET 24

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM LOCK	L9070R X 03A	612	SCHLAGE
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON

SET 25

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L-NL-F	612	VON DUPRIN
1 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	SEALS	5050C	BLK	NGP

SET 26

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L-BE-F	612	VON DUPRIN
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	SEALS	5050C	BLK	NGP

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 27

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L-BE-F	612	VON DUPRIN
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	SEALS	5050C	BLK	NGP

SET 28

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	EXIT DEVICE	99NL-OP	612	VON DUPRIN

1 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	PULL	BF158	612	ROCKWOOD
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	WEATHERSTRIP	130NBR	BR	NGP
1 EA	SWEEP	200NBR	BR	NGP
1 EA	THRESHOLD	8425	AL	NGP

SET 29

	EA HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM LOCK	L9070R X 03A	612	SCHLAGE
2 EA	CLOSER W/HOLD	4040XP-H	691	LCN
2 EA	WALL STOP	409	612	ROCKWOOD
1 SET	AUTO FLUSHBOLTS	FB31P	612	IVES
1 EA	DUSTPROOF STRIKE	DP2	612	IVES
1 EA	COORDINATOR	COR X FL	BLK	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	BLK	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD

SET 30

1 EA	ELECTRIC STRIKE	6300	630	VON DURPIN
1 EA	AUTO OPERATOR	4640	689	LCN
1 EA	ACTUATOR	8310-856T	630	LCN
1 EA	FLUSH MOUNT BOX	8310-868F	---	LCN
1 EA	WEATHER RING	8310-800	---	LCN
1 EA	TRANSMITTER	8310-844	---	LCN
2 EA	RECEIVER	8310-865	---	LCN
1 EA	RELAY	10BR3	--	BEA

**CARD READER BY OTHERS.

**BALANCE OF HARDWARE IS EXISTING TO REMAIN.

SET 31

	EA HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM SEC	L9071R X 03A	612	SCHLAGE
1 EA	WALL STOP	409	612	ROCKWOOD

SET 32

1 EA	ELECTRIC STRIKE	6300	630	VON DURPIN
1 EA	AUTO OPERATOR	4640	689	LCN
1 EA	ACTUATOR	8310-856T	630	LCN
1 EA	FLUSH MOUNT BOX	8310-868F	---	LCN
1 EA	DUAL ACTUATOR	8310-855	630	LCN
1 EA	FLUSH MOUNT BOX	8310-867F	---	LCN
3 EA	TRANSMITTER	8310-844	---	LCN

2 EA RECEIVER	8310-865	---	LCN
1 EA RELAY	10BR3	--	BEA

**CARD READER AND REMOTE RELEASE BY OTHERS.
 **BALANCE OF HARDWARE IS EXISTING TO REMAIN.

SET 33

1 EA CONTINUOUS HINGE	780-224HD	CLR	HAGER
1 EA EXIT DEVICE	99NL-OP	626	VON DUPRIN
1 EA CYLINDER	AS REQUIRED	626	SCHLAGE
1 EA PULL	BF158	630	ROCKWOOD
1 EA CLOSER	4040XP	689	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	630	ROCKWOOD
1 SET WEATHERSTRIP	160S	AL	NGP
1 EA SWEEP	200N	AL	NGP
1 EA THRESHOLD	8425	AL	NGP

SET 34

EA HINGES	AS SPECIFIED	630	HAGER
1 EA STOREROOM LOCK	L9080R X 03A	626	SCHLAGE
1 EA CLOSER	4040XP	689	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 SET SEALS	5050C	BLK	NGP
1 EA THRESHOLD	896N	AL	NGP

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ PLATE AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.
 **PROVIDE STAINLESS STEEL HINGES.

SET 35

EA HINGES	AS SPECIFIED	630	HAGER
1 EA STOREROOM LOCK	L9080R X 803A	626	SCHLAGE
1 EA CLOSER	4040XP	689	LCN
1 EA WALL STOP	409	630	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	630	ROCKWOOD

**PROVIDE STAINLESS STEEL HINGES.

SET 36

EA HINGES	AS SPECIFIED	630	HAGER
1 EA STOREROOM LOCK	L9080R X 03A	626	SCHLAGE
1 EA CLOSER	4040XP	689	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	630	ROCKWOOD

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ PLATE AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

**PROVIDE STAINLESS STEEL HINGES.

SET 37

EA HINGES	AS SPECIFIED	630	HAGER
1 EA STOREROOM LOCK	L9080R X 03A	626	SCHLAGE
1 EA CLOSER	4040XP	689	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	630	ROCKWOOD
1 SET WEATHERSTRIP	160S	AL	NGP
1 EA SWEEP	200N	AL	NGP
1 EA THRESHOLD	8425	AL	NGP

**PROVIDE STAINLESS STEEL HINGES.

SET 38

1 EA CLASSROOM LOCK	ND70RD X TLR	626	SCHLAGE
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**BALANCE OF HARDWARE TO BE PROVIDED BY DOOR SUPPLIER.

SET 39

EA HINGES	AS SPECIFIED	639	HAGER
1 EA STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA CLOSER	4040XP	691	LCN
1 EA WALL STOP	409	612	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 40

EA HINGES	AS SPECIFIED	639	HAGER
1 EA EXIT DEVICE	99L-F	612	VON DUPRIN
1 EA CYLINDER	AS REQUIRED	612	VON DUPRIN
1 EA CLOSER	4040XP	691	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 41

EA HINGES	AS SPECIFIED	639	HAGER
1 EA EXIT DEVICE	99L-F	612	VON DUPRIN
1 EA CYLINDER	AS REQUIRED	612	VON DUPRIN
1 EA CLOSER	4040XP	691	LCN
1 EA WALL STOP	409	612	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 42

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	OFFICE LOCK	L9050R X 03A	612	SCHLAGE
1 EA	OVERHEAD STOP	GJ410 SERIES	612	GLYNN-JOHNSON

SET 43

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM	L9070R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD HOLDER	GJ100H SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ PLATE AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 44

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	CLASSROOM	L9070R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	SEALS	5050C	BLK	NGP

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ PLATE AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 45

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD HOLDER	GJ100H	612	LCN
1 SET	AUTO FLUSHBOLTS	FB31P/FB41P	612	IVES
1 EA	DUSTPROOF STRIKE	DP2	612	IVES
1 EA	COORDINATOR	COR X FL	BLK	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	BLK	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD

SET 46

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM LOCK	L9070R X 03A	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD STOP	GJ100	612	LCN
1 SET	AUTO FLUSHBOLTS	FB31P	612	IVES
1 EA	DUSTPROOF STRIKE	DP2	612	IVES

1 EA	COORDINATOR	COR X FL	BLK	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	BLK	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA	ASTRAGAL	5070CL	AL	NGP
1 SET	SEALS	5050C	BLK	NGP

SET 47

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	CLASSROOM	L9070R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ PLATE AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 48

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L-F-2SI	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	630	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 49

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	99L-2SI	612	VON DUPRIN
5 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD HOLDER	GJ100H SERIES	612	GLYNN-JOHNSON
1 EA	MULLION	KR4954	SP28	VON DUPRIN
2 EA	KICKPLATES	10" X 2" LDW	612	ROCKWOOD

**MULLION TO BE FIELD PAINTED.

SET 50

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	99L-F-2SI	612	VON DUPRIN
5 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	MULLION	KR9954	SP28	VON DUPRIN
2 EA	KICKPLATES	10" X 2" LDW	612	ROCKWOOD

**MULLION TO BE FIELD PAINTED.

SET 51

EA	PIVOTS	BY FRAME SUPPLIER		
2 EA	EXIT DEVICE	99L-BE-F	630	VON DUPRIN
2 EA	CLOSER	4040XP	689	LCN
2 EA	WALL STOP	409	630	ROCKWOOD
2 EA	KICKPLATE	10" X 2" LDW	630	ROCKWOOD
2 SET	SEALS	BY FRAME SUPPLIER		

**COORDINATE HARDWARE COMPATIBILITY WITH FIRE RATED FRAME SUPPLIER.

SET 52

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	DUMMY PUSH PAD	330	612	VON DUPRIN
2 EA	PULL	BF158	612	ROCKWOOD
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
2 EA	KICKPLATE	10" X 1" LDW	612	ROCKWOOD

SET 53

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD HOLDER	GJ100H	612	LCN
2 EA	FLUSHBOLTS	FB458	612	IVES
1 EA	DUSTPROOF STRIKE	DP2	612	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ PLATE AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 54

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 55

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L-2SI	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	630	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 56

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	SEALS	5050C	BLK	NGP

SET 57

HARDWARE BY DOOR SUPPLIER

SET 58

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L	612	VON DUPRIN
1 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON

SET 59

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT LOCK	L9025 X 03A	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	WALL STOP	409	612	ROCKWOOD
1 SET	AUTO FLUSHBOLTS	FB31P	612	IVES
1 EA	DUSTPROOF STRIKE	DP2	612	IVES
1 EA	COORDINATOR	COR X FL	BLK	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	BLK	IVES
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA	ASTRAGAL	5070B	BLK	NGP
1 SET	SEALS	5050C	BLK	NGP

**ALLOW 180 DEGREE SWING

SET 60

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	99L-2SI	612	VON DUPRIN
5 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	CLOSER	4040XP-H	691	LCN
1 EA	OVERHEAD HOLDER	GJ100H SERIES	612	GLYNN-JOHNSON
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	MULLION	KR4954	SP28	VON DUPRIN
2 EA	KICKPLATES	10" X 2" LDW	612	ROCKWOOD

**MULLION TO BE FIELD PAINTED.

**ALLOW 180 DEGREE SWING AT LEFT HAND REVERSE DOOR.

SET 61

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	CDSI99NL-OP	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	PULL	BF158	612	ROCKWOOD
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON

SET 62

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L-2SI	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 63

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	CLASSROOM SEC	L9071R X 03A	626	SCHLAGE
1 EA	WALL STOP	409	630	ROCKWOOD

**ALLOW 180 DEGREE SWING.

SET 64

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	CLASSROOM SEC	L9071R X 03A	626	SCHLAGE
2 EA	CLOSER	4040XP	689	LCN
2 EA	OVERHEAD HOLDER	GJ100H	630	GLYNN-JOHNSON
1 SET	AUTO FLUSHBOLTS	FB31P/FB41P	630	IVES
1 EA	DUSTPROOF STRIKE	DP2	626	IVES
1 EA	COORDINATOR	COR X FL	628	IVES
2 EA	MNTG BRACKETS	AS REQUIRED	628	IVES
2 EA	KICKPLATES	10" X 1" LDW	630	ROCKWOOD

SET 65

1 EA	I/C CYLINDER	AS REQUIRED		SCHLAGE
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**BALANCE OF HARDWARE BY DOOR SUPPLIER

**COORDINATE CYLINDER FINISH WITH LOCK SUPPLIER.

SET 66

EA	HINGES	AS SPECIFIED	639	HAGER
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2 EA	ELECTRIC HINGE	AS SPECIFIED X ETW-8	612	HAGER
2 EA	EXIT DEVICE	9927L-F X E996L X LBR	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	FLOOR STOP	440	612	ROCKWOOD
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA	ASTRAGAL	5070B	BLK	NGP
1 SET	SEALS	5050C	BLK	NGP
1 EA	DESK RELEASE	660-T4	AL	SCHLAGE

OPERATION: DESK RELEASE CONTROLS ELECTRIC LOCKING AND UNLOCKING VIA TOGGLE SWITCH. THIS DESK RELEASE IS ALSO TO CONTROL THE DOORS IN HARDWARE SET 94. THIS WILL ALLOW EMERGENCY LOCKING OR UNLOCKING OF ELECTRIC LOCKING TRIM VIA TOGGLE SWITCH. FREE EGRESS IS ALWAYS ALLOWED.
 **ALLOW 180 DEGREE SWING.

SET 67

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STORE LOCK	L9466R X 03A	612	SCHLAGE
1 EA	WALL STOP	409	612	ROCKWOOD
1 SET	ADJUSTABLE SEAL	104N	DKB	NGP
1 EA	SWEEP	200N	DKB	NGP
1 EA	THRESHOLD	412	AL	NGP

SET 68

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	EXIT DEVICE	99L	612	VON DUPRIN
1 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 69

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 70

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	9927L-BE X LBR	612	VON DUPRIN
2 EA	CLOSER	4040XP	691	LCN

2 EA	OVERHEAD HOLDER	GJ100H SERIES	612	GLYNN-JOHNSON
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD

SET 71

EA	HINGES	AS SPECIFIED	639	HAGER
2 EA	EXIT DEVICE	9927L-F X LBR	612	VON DUPRIN
2 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA	CLOSER	4040XP	691	LCN
2 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
2 EA	KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA	ASTRAGAL	5070B	BLK	NGP
1 SET	SEALS	5050C	BLK	NGP

SET 72

1 EA	CONTINUOUS HINGE	780-112HD	CLR	HAGER
1 EA	EXIT DEVICE	99NL-OP	626	VON DUPRIN
1 EA	CYLINDER	AS REQUIRED	626	VON DUPRIN
1 EA	PULL	BF158	630	ROCKWOOD
1 EA	CLOSER	4040XP	689	LCN
1 EA	AUTO OPERATOR	4640	689	LCN
1 EA	ACTUATOR	8310-856T	630	LCN
1 EA	FLUSH MOUNT BOX	8310-868F	---	LCN
1 EA	TRANSMITTER	8310-844	---	LCN
1 EA	JAMB ACTUATOR	8310-818T	630	LCN
1 EA	FLUSH MOUNT BOX	8310-819F	---	LCN
1 EA	TRANSMITTER	8310-844J	---	LCN
2 EA	RECEIVER	8310-865	---	LCN
1 EA	RELAY	10BR3	--	BEA
1 EA	OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 EA	ELECTRIC STRIKE	6300	630	VON DUPRIN
1 EA	DESK RELEASE	660-PB	AL	SCHLAGE
1 EA	POSITION SWITCH	1078	GRY	GE

**CARD READER BY OTHERS.

**PROVIDE DROP PLATE AND BLADE STOP SPACER AS REQUIRED FOR CLOSER INSTALLATION.

OPERATION: DOOR NORMALLY LOCKED AND CLOSED. VALID CARD READ RELEASES ELECTRIC STRIKE AND ACTIVATES PULL SIDE AUTOMATIC OPERATOR ACTUATOR TO ALLOW ENTRY. REMOTE RELEASE BUTTON WILL ALSO RELEASE ELECTRIC STRIKE AND ACTIVATE PULL SIDE AUTOMATIC OPERATOR ACTUATOR FOR ENTRY. PUSH SIDE AUTOMATIC OPERATOR ACTUATOR IS ALWAYS ACTIVE. FREE EGRESS IS ALWAYS ALLOWED.

SET 73

EA	PIVOTS	BY FRAME SUPPLIER		
2 EA	EXIT DEVICE	3327L-BE-F X LBR	630	VON DUPRIN

2 EA	CLOSER	4040XP X EDA	689	LCN
2 EA	WALL STOP	409	630	ROCKWOOD
2 EA	KICKPLATE	10" X 1" LDW	630	ROCKWOOD
2	SET SEALS	BY FRAME SUPPLIER		

**COORDINATE HARDWARE COMPATIBILITY WITH FIRE RATED FRAME SUPPLIER. MODEL NUMBERS ARE FOR BASIS OF DESIGN. PROVIDE PRODUCT TESTED AND APPROVED AS PART OF DOOR/FRAME ASSEMBLY.

SET 74

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	PUSH	70C X C/C	612	ROCKWOOD
1 EA	PULL	BF111 X 70C C/C	612	ROCKWOOD
1 EA	DEADBOLT	L463R	612	SCHLAGE
1 EA	CLOSER	4040XP	691	LCN
1 EA	WALL STOP	409	612	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

SET 75

EA	HINGES	AS SPECIFIED	639	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA	OVERHEAD STOP	GJ100	612	GLYNN-JOHNSON

SET 76

2 EA	CONTINUOUS HINGE	780-112HD	CLR	HAGER
1 EA	EXIT DEVICE	99NL-OP	626	VON DUPRIN
1 EA	EXIT DEVICE	99EO	626	VON DUPRIN
1 EA	I/C CYLINDER	AS REQUIRED	626	SCHLAGE
1 EA	VANDAL TRIM	VR914NL	630	IVES
1 EA	VANDAL TRIM	VR914DT	630	IVES
2 EA	CLOSER	4040XP	689	LCN
2 EA	OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 EA	MULLION	5654	628	VON DUPRIN
2 EA	SWEEP	200N	AL	NGP
1 EA	THRESHOLD	8425	AL	NGP

**SEALS BY DOOR SUPPLIER

**PROVIDE DROP PLATE AND BLADE STOP SPACER AS REQUIRED FOR CLOSER INSTALLATION.

SET 77

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	EXIT DEVICE	99EO	612	VON DUPRIN
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD

1 SET WEATHERSTRIP	130SBR	BR	NGP
1 EA SWEEP	200NBR	BR	NGP
1 EA THRESHOLD	8425	AL	NGP

SET 78

EA HINGES	AS SPECIFIED	612	HAGER
1 EA CLASSROOM LOCK	L9070R X 03A	612	SCHLAGE
1 EA CLOSER	4040XP	691	LCN
1 EA WALL STOP	409	612	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 79

1 EA TRACK SET	H300S-SW	---	PEMKO
2 EA PULL	RM3301	630	ROCKWOOD

**PULL TO BE 24" OVERALL LENGTH AND 20" CTC. MOUNT BACK TO BACK.
 **INCLUDE COMPLETE TRACK SET IN APPROPRIATE LENGTH AND INCLUDING APPROPRIATE AMOUNT FO SIDE WALL BRACKETS AND ACCESSORIES.

SET 80

EA HINGES	AS SPECIFIED	652	HAGER
1 EA STORE LOCK	L9466R X 03A	626	SCHLAGE
1 EA WALL STOP	409	630	ROCKWOOD
1 EA ADJUSTABLE SEAL	104N	AL	NGP
1 SET SEALS	5020C	BLK	NGP
1 EA SWEEP	200N	AL	NGP
1 EA THRESHOLD	412	AL	NGP

SET 81

EA HINGES	AS SPECIFIED	612	HAGER
1 EA CLASSROOM SEC	L9071R X 03A	612	SCHLAGE
1 EA CLOSER	4040XP	691	LCN
1 EA WALL STOP	409	612	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 82

EA HINGES	AS SPECIFIED	639	HAGER
1 EA EXIT DEVICE	9947L-NL-F	612	VON DUPRIN
1 EA EXIT DEVICE	9947EO-F	612	VON DUPRIN
1 EA I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA CLOSER	4040XP	691	LCN
2 EA OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
2 EA KICKPLATES	10" X 1" LDW	612	ROCKWOOD

1 EA ASTRAGAL	5070B	BLK	NGP
1 SET SEALS	5050C	BLK	NGP

**PROVIDE KNURLED LEVER.

SET 83

EA HINGES	AS SPECIFIED	612	HAGER
1 EA STOREROOM LOCK	L9080R X 03A	612	SCHLAGE
1 EA CLOSER	4040XP	691	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET WEATHERSTRIP	130SBR	BR	NGP
1 EA SWEEP	200NBR	BR	NGP
1 EA THRESHOLD	8425	AL	NGP

SET 84

EA PIVOTS	BY FRAME SUPPLIER		
1 EA CLASSROOM LOCK	L9070R X 03A	626	SCHLAGE
2 EA CLOSER	4040XP	689	LCN
2 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 SET AUTO FLUSHBOLTS	3815 X 3815	630	TRIMCO
1 EA DUSTPROOF STRIKE	3910	626	TRIMCO
1 EA COORDINATOR	3092	626	TRIMCO
2 EA KICKPLATE	10" X 1" LDW	630	ROCKWOOD
2 SET SEALS	BY DOOR/FRAME SUPPLIER		
1 SET ASTRAGAL	BY DOOR/FRAME SUPPLIER		

**COORDINATE HARDWARE COMPATIBILITY WITH FIRE RATED FRAME SUPPLIER. MODEL NUMBERS ARE FOR BASIS OF DESIGN. PROVIDE PRODUCT TESTED AND APPROVED AS PART OF DOOR/FRAME ASSEMBLY.

**PROVIDE LCN SPECIAL TEMPLATE ST1630 X 4040XP-18TJ AS REQUIRED FOR CLOSER AND OVERHEAD STOP INSTALLATION.

SET 85

EA HINGES	AS SPECIFIED	639	HAGER
1 EA OFFICE LOCK	L9050R X 03A	612	SCHLAGE
1 EA CLOSER	4040XP	691	LCN
1 EA OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 86

NOT USED

SET 87

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	CLASSROOM LOCK	L9070R X 03A	626	SCHLAGE
1 EA	OVERHEAD STOP	GJ90 SERIES	630	GLYNN-JOHNSON

SET 88

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	PASSAGE	L9010 X 03A	626	SCHLAGE
1 EA	OVERHEAD HOLDER	GJ100H SERIES	630	GLYNN-JOHNSON

SET 89

EA	HINGES	AS SPECIFIED	630	HAGER
1 EA	CLASSROOM LOCK	L9070R X 03A	626	SCHLAGE
1 EA	CLOSER	4040XP	689	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	630	ROCKWOOD
1 SET	WEATHERSTRIP	160S	AL	NGP
1 EA	SWEEP	200N	AL	NGP
1 EA	THRESHOLD	8425	AL	NGP

**PROVIDE STAINLESS STEEL HINGES.
 **KEYSIDE ON INTERIOR SIDE.

SET 90

EA	HINGES	AS SPECIFIED	630	HAGER
2 EA	ROD LOCK	LC-AD701315 X ETJ	630	SARGENT
2 EA	CYLINDER	AS REQUIRED	626	SCHLAGE
2 EA	CLOSER	4040XP	689	LCN
2 EA	OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON
2 EA	SWEEP	200N	AL	NGP
1 EA	THRESHOLD	8425	AL	NGP

**SEALS BY DOOR SUPPLIER.
 **PROVIDE DROP PLATE AND BLADE STOP SPACER AS REQUIRED FOR CLOSER INSTALLATION.
 **KEYSIDE ON INTERIOR.

SET 91

2 EA	CONTINUOUS HINGE 780-224HD		CLR	HAGER
EA	HINGES	AS SPECIFIED	652	HAGER
2 EA	EXIT DEVICE	9927L X LBR	626	VON DUPRIN
1 EA	EXIT DEVICE	LD9927L-NL X LBR	626	VON DUPRIN
1 EA	EXIT DEVICE	LD9927L-DT X LBR	626	VON DUPRIN
1 EA	I/C CYLINDER	AS REQUIRED	626	SCHLAGE
2 EA	CLOSER W/HOLD	4040XP H	689	LCN
2 EA	CLOSER	4040XP	689	LCN
2 EA	FLOOR STOP	440	626	ROCKWOOD

2 EA MAG HOLD OPEN	SEM7820	689	LCN
2 EA KICKPLATES	10" X 1" LDW	630	ROCKWOOD

**ALLOW 180 DEGREE SWING.

****OPENING TIED INTO LOCKDOWN SYSTEM. UPON LOCKDOWN, MAGNETIC HOLD OPENS WILL RELEASE AND DOORS WILL BE LOCKED AND CLOSED.**

SET 92

1 EA CENTER PIVOT SET	CUSTOM	630	ABH
1 EA CYL FLUSHBOLT	1870	628	ADAMS RITE
2 EA I/C CYLINDER	AS REQUIRED	626	SCHLAGE
2 EA PULL	RM3301	630	ROCKWOOD

**PROVIDE CUSTOM ABH PIVOT TO WORK WITH DOOR APPLICATION.

**PULL TO BE 36" OVERALL LENGTH AND 32" CTC. MOUNT BACK TO BACK.

**CYLINDER OF FLUSHBOLT TO BE LOCATED BENEATH DOOR PULL. COORDINATE ROD HEIGHTS ACCORDINGLY.

SET 93

2 EA TRACK SET	H300S-SW	---	PEMKO
1 EA JOINING BRACKET	1AX/290	---	PEMKO
1 SET LOCK/PULL SET	2001ADAP-3	630	ACCURATE
1 SET PULL	7200P	630	ACCURATE
1 EA I/C CYLINDER	AS REQUIRED	626	SCHLAGE

**INCLUDE COMPLETE TRACK SET IN APPROPRIATE LENGTH AND INCLUDING APPROPRIATE AMOUNT FO SIDE WALL BRACKETS AND ACCESSORIES.

SET 94

EA HINGES	AS SPECIFIED	639	HAGER
2 EA ELECTRIC HINGE	AS SPECIFIED X ETW-8	612	HAGER
2 EA EXIT DEVICE	9927L-F X E996L X LBR	612	VON DUPRIN
2 EA I/C CYLINDER	AS REQUIRED	612	SCHLAGE
2 EA CLOSER	4040XP	691	LCN
2 EA MAG HOLD OPEN	SEM7850	691	LCN
2 EA KICKPLATES	10" X 1" LDW	612	ROCKWOOD
1 EA ASTRAGAL	5070B	BLK	NGP
1 SET SEALS	5050C	BLK	NGP

**REMOTE RELEASE SPECIFIED IN HARDWARE SET 66 TO BE TIED INTO OPENINGS 2366A AND 2367B IN THIS SET.

OPERATION: REMOTE RELEASE CONTROLS THE ELECTRIC LOCKING/UNLOCKING FOR OPENING 2351A (IN SET 66) AND OPENINGS 2366A AND 2367B IN THIS HARDWARE SET. REMOTE RELEASE IS ALSO TO BE TIED INTO MAGNETIC HOLD OPENS. WHEN DOORS ARE TOGGLED TO BE LOCKED, THE MAGNETIC HOLD OPENS ARE TO BE DEACTIVATED (DOORS WILL CLOSE AND LOCK). WHEN DOORS ARE TOGGLED TO BE

UNLOCKED, THE MAGNETIC HOLD OPENS WILL BE ENERGIZED TO ALLOW FOR OPTIONAL HOLD OPEN. FREE EGRESS IS ALWAYS ALLOWED.

SET 95

2 EA	TRACK SET	H440A-SW	---	PEMKO
1 EA	JOINING BRACKET	1BX	---	PEMKO
1 EA	FASCIA	F200C	AL	PEMKO
2 EA	PULL	RM3301	630	ROCKWOOD

**PULL TO BE 24" OVERALL LENGTH AND 20" CTC. MOUNT BACK TO BACK.

**INCLUDE COMPLETE TRACK SET IN APPROPRIATE LENGTH AND INCLUDING APPROPRIATE AMOUNT FO SIDE WALL BRACKETS AND ACCESSORIES.

SET 96

EA	HINGES	AS SPECIFIED	612	HAGER
1 EA	EXIT DEVICE	99NL-OP	612	VON DUPRIN
1 EA	I/C CYLINDER	AS REQUIRED	612	SCHLAGE
1 EA	VANDAL TRIM	VR914NL	612	IVES
1 EA	CLOSER	4040XP	691	LCN
1 EA	OVERHEAD STOP	GJ100 SERIES	612	GLYNN-JOHNSON
1 EA	KICKPLATE	10" X 2" LDW	612	ROCKWOOD
1 SET	WEATHERSTRIP	130SBR	BR	NGP
1 EA	SWEEP	200NBR	BR	NGP
1 EA	THRESHOLD	8425	AL	NGP

SET 97

2 EA	I/C CYLINDER	AS REQUIRED		SCHLAGE
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**BALANCE OF HARDWARE BY GLASS DOOR SUPPLIER

**COORDINATE CYLINDER FINISH WITH LOCK SUPPLIER.

SET 98

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	OFFICE LOCK	L9050R X 03A	626	SCHLAGE
1 EA	WALL STOP	409	630	ROCKWOOD

SET 99

1 EA	CONTINUOUS HINGE	780-224HD	CLR	HAGER
1 EA	PUSH	70C X C/C	630	ROCKWOOD
1 EA	PULL	BF111 X 70C C/C	630	ROCKWOOD
1 EA	DEADBOLT	L463R	626	SCHLAGE
1 EA	CLOSER	4040XP	689	LCN
1 EA	WALL STOP	409	630	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	630	ROCKWOOD

SET 100

EA HINGES	AS SPECIFIED	652	HAGER
1 EA PRIVACY	L9040 X 03A X L283-722	626	SCHLAGE
1 EA CLOSER	4040XP	689	LCN
1 EA WALL STOP	409	630	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	630	ROCKWOOD

SET 101

EA HINGES	AS SPECIFIED	652	HAGER
1 EA CLASSROOM LOCK	L9070R X 03A	626	SCHLAGE
1 EA WALL STOP	409	630	ROCKWOOD

SET 102

EA HINGES	AS SPECIFIED	652	HAGER
1 EA CLASSROOM SEC	L9071R X 03A	626	SCHLAGE
1 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON

SET 103

EA HINGES	AS SPECIFIED	652	HAGER
1 EA CLASSROOM SEC	L9071R X 03A	626	SCHLAGE
1 EA WALL STOP	409	630	ROCKWOOD

SET 104

EA HINGES	AS SPECIFIED	652	HAGER
1 EA CLASSROOM LOCK	L9070R X 03A	626	SCHLAGE
1 EA OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON

SET 105

EA HINGES	AS SPECIFIED	652	HAGER
1 EA CLASSROOM SEC	L9071R X 03A	626	SCHLAGE
1 EA WALL STOP	409	630	ROCKWOOD
1 EA ADJUSTABLE SEAL	104N	AL	NGP
1 SET SEALS	5020C	BLK	NGP
1 EA SWEEP	200N	AL	NGP
1 EA THRESHOLD	412	AL	NGP

SET 106

EA HINGES	AS SPECIFIED	652	HAGER
1 EA CLASSROOM SEC	L9071R X 03A	626	SCHLAGE
1 EA CLOSER	4040XP	689	LCN
1 EA WALL STOP	409	630	ROCKWOOD
1 EA KICKPLATE	10" X 2" LDW	630	ROCKWOOD
1 SET SEALS	5050C	BLK	NGP

SET 107

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	STOREROOM LOCK	L9080R X 03A	626	SCHLAGE
1 EA	CLOSER	4040XP	689	LCN
1 EA	WALL STOP	409	630	ROCKWOOD
1 EA	KICKPLATE	10" X 2" LDW	630	ROCKWOOD

SET 108

1 EA	ELECTRIC STRIKE	6300	630	VON DURPIN
1 EA	AUTO OPERATOR	4640	689	LCN
2 EA	ACTUATOR	8310-856T	630	LCN
1 EA	FLUSH MOUNT BOX	8310-868F (INTERIOR)	---	LCN
1 EA	SURFACE BOX	8310-868S (EXTERIOR)	---	LCN
1 EA	WEATHER RING	8310-800	---	LCN
2 EA	TRANSMITTER	8310-844	---	LCN
2 EA	RECEIVER	8310-865	---	LCN
1 EA	RELAY	10BR3	--	BEA

****CARD READER BY OTHERS.**

****AIPHONE SYSTEM WITH REMOTE RELEASE BY OTHERS.**

****BALANCE OF HARDWARE IS EXISTING TO REMAIN.**

SET 109

EA	HINGES	AS SPECIFIED	652	HAGER
1 EA	OFFICE LOCK	L9050R X 03A	626	SCHLAGE
1 EA	OVERHEAD STOP	GJ100 SERIES	630	GLYNN-JOHNSON

SET 110

1 EA	POWER TRANSFER	788C-18	---	SCHLAGE
1 EA	EXIT DEVICE	QEL99L-NL	612	VON DUPRIN
1 EA	POWER SUPPLY	PS902 X 900-2RS-FA	GRY	VON DUPRIN
1 EA	AUTO OPERATOR	4640	689	LCN
2 EA	ACTUATOR	8310-856T	630	LCN
2 EA	SURFACE BOX	8310-868S	---	LCN
2 EA	TRANSMITTER	8310-844	---	LCN
2 EA	RECEIVER	8310-865	---	LCN
1 EA	RELAY	10BR3	--	BEA

****CARD READER BY OTHERS.**

****RE-USE BALANCE OF HARDWARE.**

****INSTALL AUTOMATIC OPERATOR WITH UL APPROVED RIVNUTS OR HAVE FRAME RE-CERTIFIED BY UL WITH WELDED REINFORCMENTS IF EXISTING FRAME IS NOT REINFORCED.**

SET 111
RE-USE EXISTING HARDWARE

BID GROUP #2	
Door Number	Hardware Set
1101A	1
1101B	---
1102A	1
1102B	---
1102C	2
1103	3
1104A	4
1104B	29
1104C	5
1106	6
1107A	6
1107B	7
1108	6
1109	8
1110	9
1111	9
1112A	10
1112B	10
1113	11
1114	12
1115	12
1116	12
1117	13
1118	14
1120	15
1121	16
1130A	17
1130B	17
1132	18
1152	19
1153	19
1154	20
1155	9
1156	21
1204	22
1205	23
1207A	20
1207B	24
1208	22
1212A	25
1212B	25
2101	22
2102	22
2103	13
3103	13
SF-01A	27
SF-01B	28
SF-02A	26
SF-03	26
V-001	30

BID GROUP #4	
Door Number	Hardware Set
1900A	33
1900B	33
1901A	34
1901B	---
1903	35
1904	36
1905A	33
1905B	33
1905C	33
1906A	34
1906B	---
1908	37
1909	36
1910	38
1911A	38
1911B	38
1912	38

BID GROUP #7	
Door Number	Hardware Set
104	39
105	40
111	41
1130A	52
1130B	52
1131	53
1138	47
1300A	44
1302A	24
1302B	24
1303	42
1310A	43
1310B	10
1312	39
1330A	49
1330B	49
1330C	50
1330D	45
1330E	45
2300	39
2301A	49
2301B	49
2305	48
C150	46
S-1R	41

SG1A	51
SG1B	51
SR0	27

2368	22
C1-5A	70
C2-20A	60
C2-20B	31
C122A	71
C122B	71
SM-1A	73
T31	74
T32	74
T115	99
T116	99
T122	100
T123	100
V-002A	72
V-002B	108

BID GROUP #10-1	
Door Number	Hardware Set
050A	54
0364A	55
0364B	55
0366	56
1351A	58
1351B	58
1351C	59
1352A	61
1352B	61
1352C	61
1352D	61
1352E	61
1353A	58
1353B	58
1353C	59
1353D	62
1360A	63
1360B	64
1361	39
1362	57
1364	98
1365	39
1367	54
1390A	111
1390B	110
1397	109
2304A	65
2304B	65
2351A	66
2352A	22
2352B	67
2353	68
2354	68
2355	69
2356A	20
2356B	20
2358	6
2359B	22
2360A	24
2360B	20
2362	6
2363	6
2364	6
2365	23
2366A	94
2366B	52
2367A	52
2367B	94

BID GROUP #10-2	
Door Number	Hardware Set
1401	101
1402	98
1403	102
1404	102
1404A	92
1404B	92
1404C	92
1404D	92
1405A	102
1405B	93
1405C	93
1406	102
1407	75
1408	103
1409	98
1420	76
1421	103
1422	31
1423	31
1424	31
1425	31
1426	97
1440	69
1450A	103
1450B	101
1452A	65
1452B	65
1453A	103
1453B	96
1454A	78
1454B	77
1455	20
1456A	63
1456B	77
1456D	79
1457	104
1458	101
1459	105
1461A	106
1461B	101
1461C	80

1461D	77
1462	82
1470	83
1512	84
1514	85
1515A	81
1515B	31
1517	6
1524	6
1525	6
1528A	6
1528B	6
1535	6
1536	6
1537	6
1538	6
1540	6
1551	6
1560	6
1644	24
2414A	6
2430	103
2431	103
2431A	87
2431B	87
2431C	95
2431D	95
2432A	103
2432B	101
2432C	---
2432D	---
2434A	103
2434B	104
2434C	---
2436A	103
2436B	102
2438	54
3209	6
3234C	88
3402	20
3403	22
3431A	103
3432A	103
3432B	89
3433	103
3434A	103
3434B	89
3436A	103
3436B	89
3437	90
3438	97
3439	97
C114	91
C212A	107
C312	91
T112	9

SECTION 096813 - TILE CARPETING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes modular, tufted carpet tile.
- B. Related Requirements:
 - 1. Division 02 Section "Selective Demolition" for removing existing floor coverings.
 - 2. Division 09 Section "Resilient Base and Accessories" for resilient wall base and accessories installed with tile carpeting.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
 - 1. Review methods and procedures related to carpet tile installation including, but not limited to, the following:
 - a. Review delivery, storage, and handling procedures.
 - b. Review ambient conditions and ventilation procedures.
 - c. Review subfloor preparation procedures.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
 - 1. Include manufacturer's written data on physical characteristics, durability, and fade resistance.
 - 2. Include installation recommendations for each type of substrate.
- B. Sustainable Design Submittals:
 - 1. Laboratory Test Reports: For flooring products and adhesives, indicating compliance with requirements for low-emitting materials.
- C. Shop Drawings: For carpet tile installation, plans showing the following:
 - 1. Columns, doorways, enclosing walls or partitions, built-in cabinets, and locations where cutouts are required in carpet tiles.
 - 2. Carpet tile type, color, and dye lot.
 - 3. Type of subfloor.
 - 4. Type of installation.

5. Pattern of installation.
6. Pattern type, location, and direction.
7. Pile direction.
8. Type, color, and location of insets and borders.
9. Type, color, and location of edge, transition, and other accessory strips.
10. Transition details to other flooring materials.

D. Samples for Verification and Mockup: For each of the following products and for each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.

1. Carpet Tile: Full-size Sample.
2. Exposed Edge, Transition, and Other Accessory Stripping: 12-inch-long Samples.
3. Mockups: For each carpet type, provide a 12-foot by 12-foot mockup for establishing percentage of color and patterning.

E. Product Schedule: For carpet tile. Use same designations indicated on Drawings.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Test Reports: For carpet tile, for tests performed by a qualified testing agency.
- C. Sample Warranty: For special warranty.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For tile carpeting to include in maintenance manuals specified in Division 1. Include the following:
 1. Methods for maintaining tile carpeting, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
 2. Precautions for cleaning materials and methods that could be detrimental to tile carpeting.

1.7 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Carpet Tile: Full-size units equal to 5 percent of amount installed for each type indicated, but not less than 10 sq. yd.

1.8 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is certified by the International Certified Floorcovering Installers Association at the Commercial II certification level.

- B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.
 - 1. Build mockups at locations selected by Architect, not less than 144 sq. ft.
 - 2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Comply with CRI's "CRI Carpet Installation Standard."

1.10 FIELD CONDITIONS

- A. Comply with CRI's "CRI Carpet Installation Standard" for temperature, humidity, and ventilation limitations.
- B. Environmental Limitations: Do not deliver or install carpet tiles until spaces are enclosed and weathertight, wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at occupancy levels during the remainder of the construction period.
- C. Do not install tile carpeting over concrete slabs until slabs have cured and are sufficiently dry to bond with adhesive and concrete slabs have pH range recommended by tile carpeting manufacturer.
- D. Where demountable partitions or other items are indicated for installation on top of tile carpeting, install tile carpeting before installing these items.

1.11 WARRANTY

- A. Special Warranty for Carpet Tiles: Manufacturer agrees to repair or replace components of carpet tile installation that fail in materials or workmanship within specified warranty period.
 - 1. Warranty does not include deterioration or failure of tile carpeting due to unusual traffic, failure of substrate, vandalism, or abuse.
 - 2. Failures include, but are not limited to, the following:
 - a. More than 10 percent edge raveling, snags, and runs.
 - b. Dimensional instability.
 - c. Excess static discharge.
 - d. Loss of tuft-bind strength.
 - e. Loss of face fiber.
 - f. Delamination.
 - 3. Warranty Period: 15 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 CARPET TILE

- A. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings, or equal.
 - 1. Backing: As indicated on Drawings, or if not indicated, manufacturer's standard 100-percent recycled content backing with Green Label Plus certification.
 - 2. Color: As indicated on Drawings.
 - 3. Installation: As indicated on Drawings, or if not indicated, as selected by Architect.

2.2 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided by or recommended by tile carpeting manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet tile and is recommended by carpet tile manufacturer for releasable installation.
 - 1. Adhesive shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
- C. Dust-Control Adhesive-Surface Walk-off Mats: Provide mats minimum 36 by 60 inches.
 - 1. Available Product: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, 3M Industrial Adhesives and Tapes Division; Clean-Walk Mats.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet tile performance.
- B. Examine carpet tile for type, color, pattern, and potential defects.
- C. Concrete Slabs: Verify that finishes comply with requirements specified in Section 033000 "Cast-in-Place Concrete" and that surfaces are free of cracks, ridges, depressions, scale, and foreign deposits.
 - 1. Moisture Testing: Perform tests so that each test area does not exceed 1000 sq. ft., and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.

- a. Anhydrous Calcium Chloride Test: ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.
 - b. Relative Humidity Test: Using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level measurement.
 - c. Perform additional moisture tests recommended in writing by adhesive and carpet tile manufacturers. Proceed with installation only after substrates pass testing.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. General: Comply with CRI's "Carpet Installation Standards" and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile.
- B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions 1/8 inch wide or wider, and protrusions more than 1/32 inch unless more stringent requirements are required by manufacturer's written instructions.
- C. Concrete Substrates: Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by adhesive and carpet tile manufacturers.
 1. Where floor coverings are installed over existing concrete slabs-on-grade, provide moisture-vapor emission control system complying with Division 09 Section "Moisture-Vapor Emission Control System."
 2. Where floor coverings are installed over moisture-vapor emission control system, or where floor coverings have been abated, or where floor coverings have been removed in areas of new resilient floor coverings, prepare flooring substrates and provide hydraulic cement underlayment to comply with Division 03 Section "Hydraulic Cement Underlayment" and floorcovering manufacturer.
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet tile.
- E. Install dust-control adhesive-surface walk-off mats at each access location to areas receiving carpeting. As adhesive sheets become soiled, peel off to expose clean adhesive sheet during the remainder of construction period.

3.3 INSTALLATION

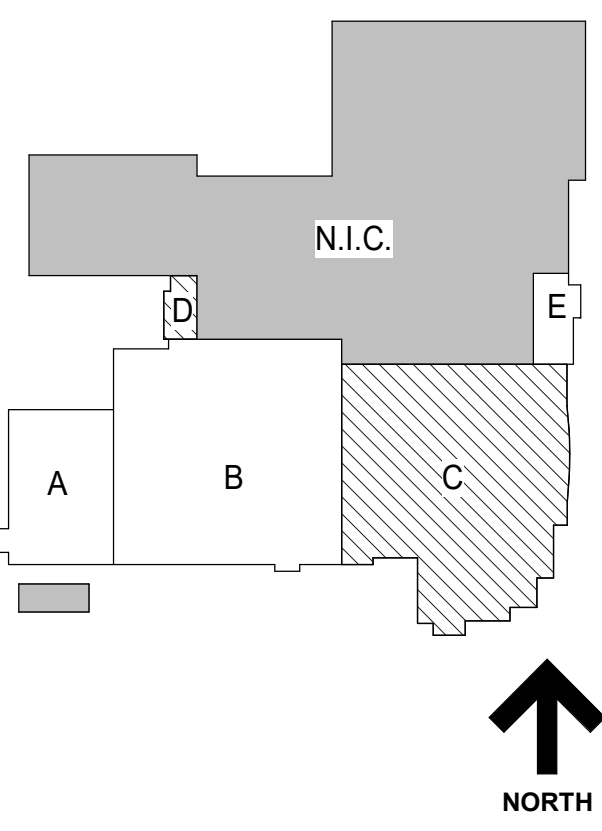
- A. General: Comply with CRI's "CRI Carpet Installation Standard," Section 18, "Modular Carpet" and with carpet tile manufacturer's written installation instructions.

- B. Installation Method: Glue down; install every tile with full-spread, releasable, pressure-sensitive adhesive.
- C. Maintain dye lot integrity. Do not mix dye lots in same area.
- D. Maintain pile-direction patterns indicated.
- E. Cut and fit tile carpeting to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by tile carpeting manufacturer.
- F. Extend tile carpeting into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- G. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- H. Install pattern parallel to walls and borders.
- I. When tile carpeting is installed on both sides of interior all-glass walls or storefront systems, align carpet joints, seams, and edges.

3.4 CLEANING AND PROTECTION

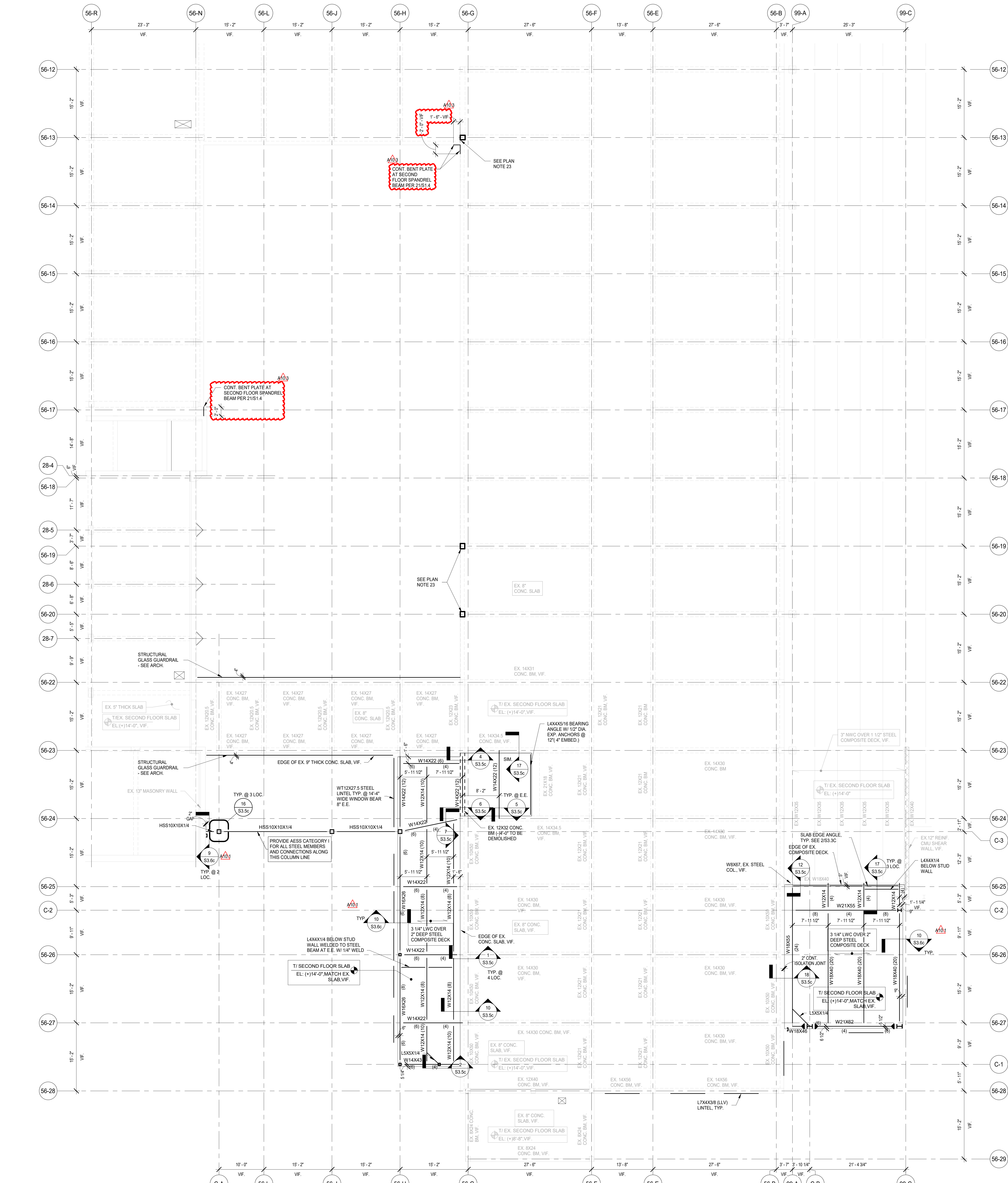
- A. Perform the following operations immediately after installing tile carpeting:
 - 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by tile carpeting manufacturer.
 - 2. Remove yarns that protrude from tile carpeting surface.
 - 3. Vacuum tile carpeting using commercial machine with face-beater element.
- B. Protect installed carpet tile to comply with CRI's "Carpet Installation Standard," Section 20, "Protecting Indoor Installations."
- C. Protect tile carpeting against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by tile carpeting manufacturer.
 - 1. Include nonstaining construction-grade natural kraft paper secured with non-tacky blue floor tape, and in areas affected by rolling traffic, moving objects, or stored materials, include hardboard-panel protection.

END OF SECTION 096813



ELEVATED FLOOR AND ROOF LEVEL PLAN NOTES

- SEE S0 SERIES DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LINTEL SCHEDULES, AND STATEMENT OF SPECIAL INSPECTIONS.
- SEE S1 SERIES DRAWINGS FOR TYPICAL SECTIONS AND DETAILS.
- SEE S3 SERIES DRAWINGS FOR NON-TYPICAL SECTIONS AND DETAILS.
- SEE S4 SERIES DRAWINGS FOR SCHEDULES, ELEVATIONS AND DETAILS.
- CENTERLINE OF COLUMN IS ON GRIDLINE. TYPICAL UNLESS NOTED OTHERWISE.
- SEE PLANS FOR COLUMN ORIENTATION AND COLUMN CENTERLINE TO GRIDLINE DIMENSIONS FOR OFFSET COLUMNS.
- SEE PLANS FOR TOP OF ROUGH SLAB ELEVATION.
- (H) AS INDICATED ON PLAN INDICATES HIGHER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
- (L) AS INDICATED ON PLAN INDICATES LOWER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
- SEE ARCHITECTURAL DRAWINGS FOR CURBS NOT INDICATED (SIZE AND LOCATION). SEE TYPICAL SECTIONS AND DETAILS FOR CURB REINFORCEMENT.
- FLOOR DECK SHALL BE 3 1/4" THICK LIGHTWEIGHT CONCRETE OVER 2" DEEP COMPOSITE STEEL FLOOR DECK. REINFORCE SLAB WITH 4 LBS/CU. YD. OF STRUX 9040 MICROSYNTHETIC FIBER OR EQUIVALENT.
- SEE PLAN FOR TOP OF SLAB ELEVATION, TYPICAL UNLESS NOTED OTHERWISE.
- SEE PLAN FOR BOTTOM OF STEEL ROOF DECK ELEVATIONS, TYPICAL UNLESS NOTED OTHERWISE.
- PROVIDE L4X4X3/8 STEEL ANGLE OR BENT PLATE AT ROOF PERIMETER AND AT INTERIOR OPENINGS IN ACCORDANCE WITH TYPICAL DETAILS.
- SUPPORT ALL MEPPF EQUIPMENT AND PIPING GREATER THAN 2 INCHES IN DIAMETER DIRECTLY FROM THE DESIGNATED STEEL ROOF JOISTS (TOP CHORDS ONLY) AND STEEL WIDE FLANGED BEAM AND GIRDER FRAMING. DO NOT SUPPORT THE AFOREMENTIONED FROM THE STEEL ROOF DECK DIRECTLY. ITEMS SUCH AS LIGHTWEIGHT CEILING AND LIGHTING MAY BE SUPPORTED DIRECTLY FROM THE STEEL ROOF DECK.
- MEPPF INSTALLING CONTRACTOR(S) SHALL SUBMIT EXISTING ELEVATED FLOOR PLANS INDICATING ALL MEPPF FLOOR PENETRATIONS SIZES AND LOCATIONS FOR EOR REVIEW. EOR APPROVAL IS REQUIRED PRIOR TO THE START OF CORING ACTIVITIES. COORDINATE THE TIMING OF SUBMITTAL ACCORDINGLY. LOCATE AND AVOID DAMAGE TO REINFORCEMENT PRIOR TO CORING.
- SEE STEEL DECK NOTES ON S0.1B FOR STEEL DECK ATTACHMENT INFORMATION TO THE SUPPORT STEEL.
- MAXIMUM LIVE LOAD DEFLECTION FOR ROOF LEVEL @ BLDG ENVELOPE & INTERIOR PARTITIONS AS SHOWN ON ARCHITECTURE DRAWINGS = 3/4"
- THE NEW ADDITION STRUCTURE CONSISTS OF STEEL ROOF DECKS AND THE 2ND AND 3RD FLOOR COMPOSITE DECK SLABS SUPPORTED ON STEEL BEAM AND COLUMN FRAMING. THE STEEL CONTRACTOR SHALL PROVIDE TEMPORARY BRACING TO THE STEEL FRAME UNTIL ALL COMPONENTS OF THE STEEL FRAMING ARE FULLY INSTALLED. THE FLOOR SLABS AND ROOF DECKS ARE FULLY INSTALLED AND THE STEEL FRAME IS PROPERLY CONNECTED TO THE EXISTING BUILDING.
- ALL MEP EQUIPMENT STEEL SUPPORTS SHALL BE COORDINATED WITH THE INSTALLING CONTRACTOR(S). SEE PLANS AND TYPICAL DETAILS FOR STEEL SUPPORT REQUIREMENTS.
- COORDINATE SIZE AND QUANTITY OF ROOF DECK PENETRATIONS WITH MEPPF DRAWINGS. TYP. REINFORCE NEW PENETRATIONS IN EXISTING NEW ROOF DECKS PER TYPICAL STRUCTURAL DETAILS.
- MAXIMUM LIVE LOAD DEFLECTION FOR 2ND AND 3RD FLOOR LEVEL = 3/4"
- PROVIDE GLASS FIBER REINFORCED POLYMER REINFORCEMENT PER EXISTING CONCRETE COLUMN REINFORCEMENT SCHEDULE ON SHEET S4.1c.
- PROVIDE AESS CATEGORY 1 FOR ALL STEEL MEMBERS AND CONNECTIONS ON CANTILEVER BOX FRAMING PLANS.
- OPEN POCKET IN EX. ROOF AS REQUIRED FOR INSTALLATION OF HSS 8X8X1/4. INCREASE TUBE DEPTH AS REQUIRED FOR TUBE TO BE ABOVE EX. ROOFING. V.F. TYP. PROTECT ROOFING ASSEMBLY DURING WELDING OPERATIONS. WELD HSS DOWN TO EX. BEAM PER 2053.7c.



1 SECOND FLOOR FRAMING PLAN - AREA C - PHASE C
SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
A10.1	BID GROUP 10 - ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 60% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

SECOND FLOOR FRAMING PLAN - AREA C - PHASE C

Project Number:
5274-42
Drawn By:
I.K.
Sheet:

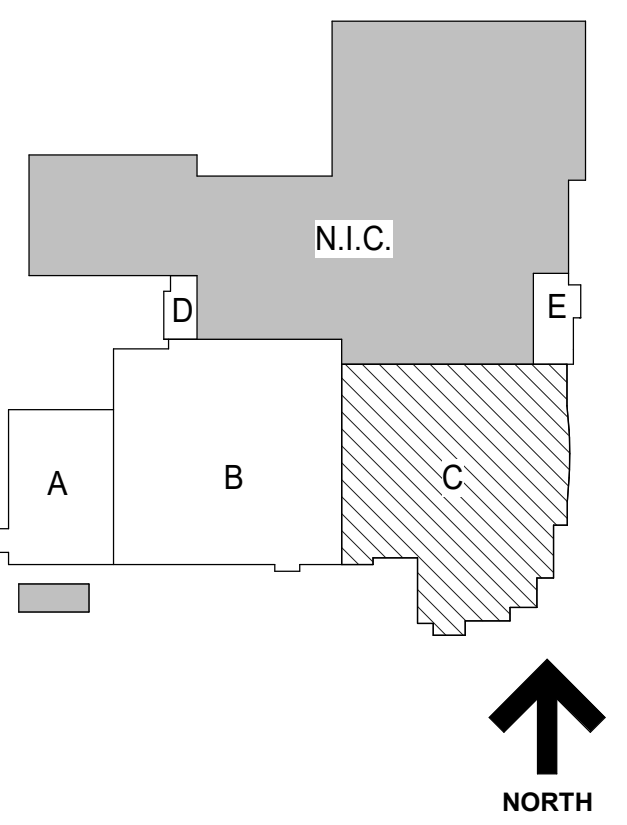
11/25/2019 9:46:25 AM
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COMMUNITY HIGH SCHOOL DISTRICT 99

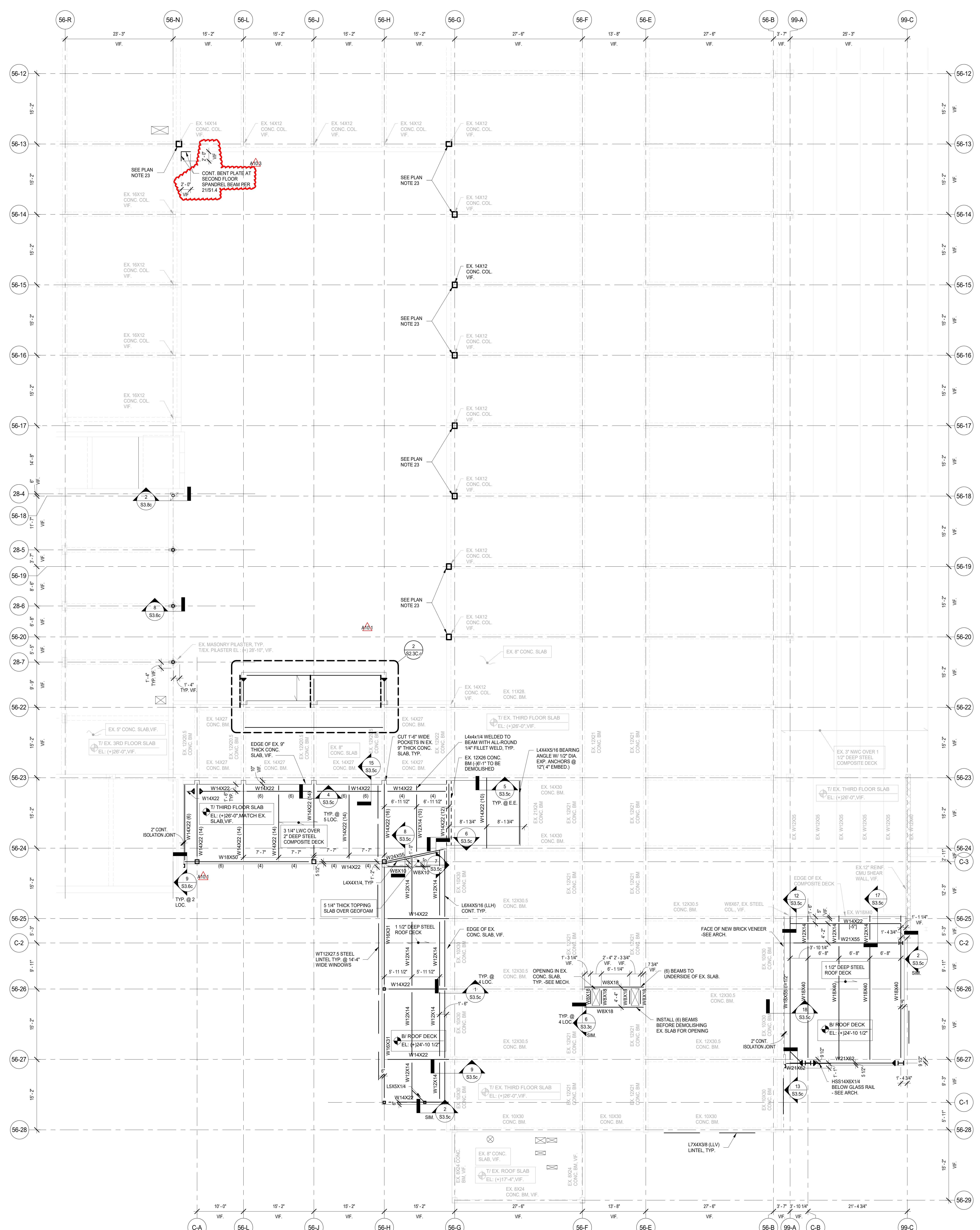
Wight

Wight & Company
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F 630.969.7979

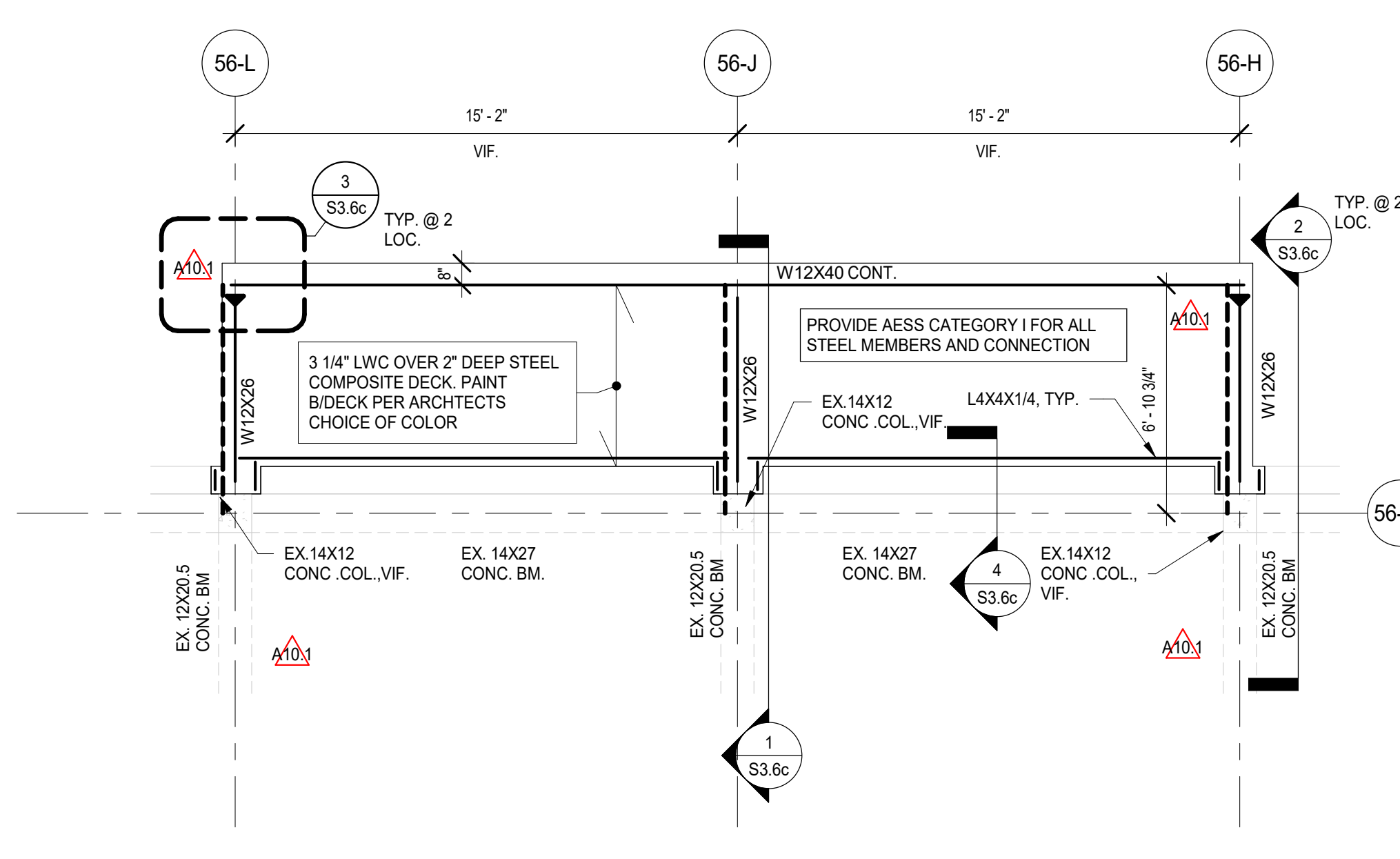


ELEVATED FLOOR AND ROOF LEVEL PLAN NOTES

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- SEE S1 SERIES DRAWINGS FOR TYPICAL SECTIONS AND DETAILS.
- SEE S3 SERIES DRAWINGS FOR NON-TYPICAL SECTIONS AND DETAILS.
- SEE S4 SERIES DRAWINGS FOR SCHEDULES, ELEVATIONS AND DETAILS.
- CENTERLINE OF COLUMN IS ON GRIDLINE. TYPICAL UNLESS NOTED OTHERWISE.
- SEE PLANS FOR COLUMN ORIENTATION AND COLUMN CENTERLINE TO GRIDLINE DIMENSIONS FOR OFFSET COLUMNS.
- SEE PLANS FOR TOP OF ROUGH SLAB ELEVATION.
- (H) AS INDICATED ON PLAN INDICATES HIGHER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
- (L) AS INDICATED ON PLAN INDICATES LOWER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
- SEE ARCHITECTURAL DRAWINGS FOR CURBS NOT INDICATED (SIZE AND LOCATION). SEE TYPICAL SECTIONS AND DETAILS FOR CURB REINFORCEMENT.
- FLOOR DECK SHALL BE 3 1/4" THICK LIGHTWEIGHT CONCRETE OVER 2" DEEP COMPOSITE STEEL FLOOR DECK. REINFORCE SLAB WITH 4 LBS/CY YD. OF STRUX 6040 MACROSYNTHETIC FIBERS OR EQUIVALENT.
- SEE PLAN FOR TOP OF SLAB ELEVATION. TYPICAL UNLESS NOTED OTHERWISE.
- SEE PLAN FOR BOTTOM OF STEEL ROOF DECK ELEVATIONS. TYPICAL UNLESS NOTED OTHERWISE.
- PROVIDE L4x4x8 STEEL ANGLE OR BENT PLATE AT ROOF PERIMETER AND AT INTERIOR OPENINGS IN ACCORDANCE WITH TYPICAL DETAILS.
- SUPPORT ALL MEPPF EQUIPMENT AND PIPING GREATER THAN 2 INCHES IN DIAMETER DIRECTLY FROM THE DESIGNATED STEEL ROOF JOISTS (TOP CHORDS ONLY) AND STEEL WIDE FLANGED BEAM AND GIRDER FRAMING. DO NOT SUPPORT THE AFORESAID FROM THE STEEL ROOF DECK DIRECTLY. ITEMS SUCH AS LIGHTWEIGHT CEILING AND LIGHTING MAY BE SUPPORTED DIRECTLY FROM THE STEEL ROOF DECK.
- MEPPF INSTALLING CONTRACTORS SHALL SUBMIT EXISTING ELEVATED FLOOR PLANS INDICATING ALL MEPPF FLOOR PENETRATION SIZES AND LOCATIONS FOR EOR REVIEW. EOR APPROVAL IS REQUIRED PRIOR TO THE START OF CORING ACTIVITIES. COORDINATE THE TIMING OF SUBMITTAL ACCORDINGLY. LOCATE AND AVOID DAMAGE TO REINFORCEMENT PRIOR TO CORING.
- SEE STEEL DECK NOTES ON S0.1B FOR STEEL DECK ATTACHMENT INFORMATION TO THE SUPPORT STEEL.
- MAXIMUM LIVE LOAD DEFLECTION FOR ROOF LEVEL @ BLDG ENVELOPE & INTERIOR PARTITIONS AS SHOWN ON ARCHITECTURE DRAWINGS = 3/4"
- THE NEW ADDITION STRUCTURE CONSISTS OF STEEL ROOF DECKS AND THE 2ND AND 3RD FLOOR COMPOSITE DECK SLABS SUPPORTED ON STEEL BEAM AND COLUMN FRAMING. THE STEEL CONTRACTOR SHALL PROVIDE TEMPORARY BRACING TO THE STEEL FRAME UNTIL ALL COMPONENTS OF THE STEEL FRAMING ARE FULLY INSTALLED. THE FLOOR SLABS AND ROOF DECKS ARE FULLY INSTALLED AND THE STEEL FRAME IS PROPERLY CONNECTED TO THE EXISTING BUILDING.
- ALL MEP EQUIPMENT STEEL SUPPORTS SHALL BE COORDINATED WITH THE INSTALLING CONTRACTOR(S). SEE PLANS AND TYPICAL DETAILS FOR STEEL SUPPORT REQUIREMENTS.
- COORDINATE SIZE AND QUANTITY OF ROOF DECK PENETRATIONS WITH MEPPF DRAWINGS. TYP. REINFORCE NEW PENETRATIONS IN EXISTING ROOF DECKS PER TYPICAL STRUCTURAL DETAILS.
- MAXIMUM LIVE LOAD DEFLECTION FOR 2ND AND 3RD FLOOR LEVEL = 3/4"
- PROVIDE GLASS FIBER REINFORCED POLYMER REINFORCEMENT PER EXISTING CONCRETE COLUMN REINFORCEMENT SCHEDULE ON SHEET S4.1c.
- PROVIDE AESS CATEGORY 1 FOR ALL STEEL MEMBERS AND CONNECTIONS ON CANTILEVER BOX FRAMING PLANS.
- OPEN POCKET EX. ROOF AS REQUIRED FOR INSTALLATION OF HSS 14X8X1/4. INCREASE TUBE DEPTH AS REQUIRED FOR T/BUE TO BE ABOVE EX. ROOFING. V.F. PROTECT ROOFING ASSEMBLY DURING WELDING OPERATIONS. WELD HSS DOWN TO EX. BEAM PER 20S3.7c.



1 THIRD FLOOR FRAMING PLAN - AREA C - PHASE C
SCALE: 1/8" = 1'-0"



2 ENLARGED THIRD FLOOR PLAN - AREA C - PHASE C
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION

A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
A10.1	BID GROUP 10 - ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

THIRD FLOOR FRAMING PLAN - AREA C - PHASE C

Project Number:
5274-42
Drawn By:
I.K.
Sheet:

S2.3C.c

11/25/2019 9:48:08 AM
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**NOT FOR
CONSTRUCTION**

A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
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	ISSUED FOR 75% CD - PHASE C	10.14.2019
REV	ISSUE	DATE

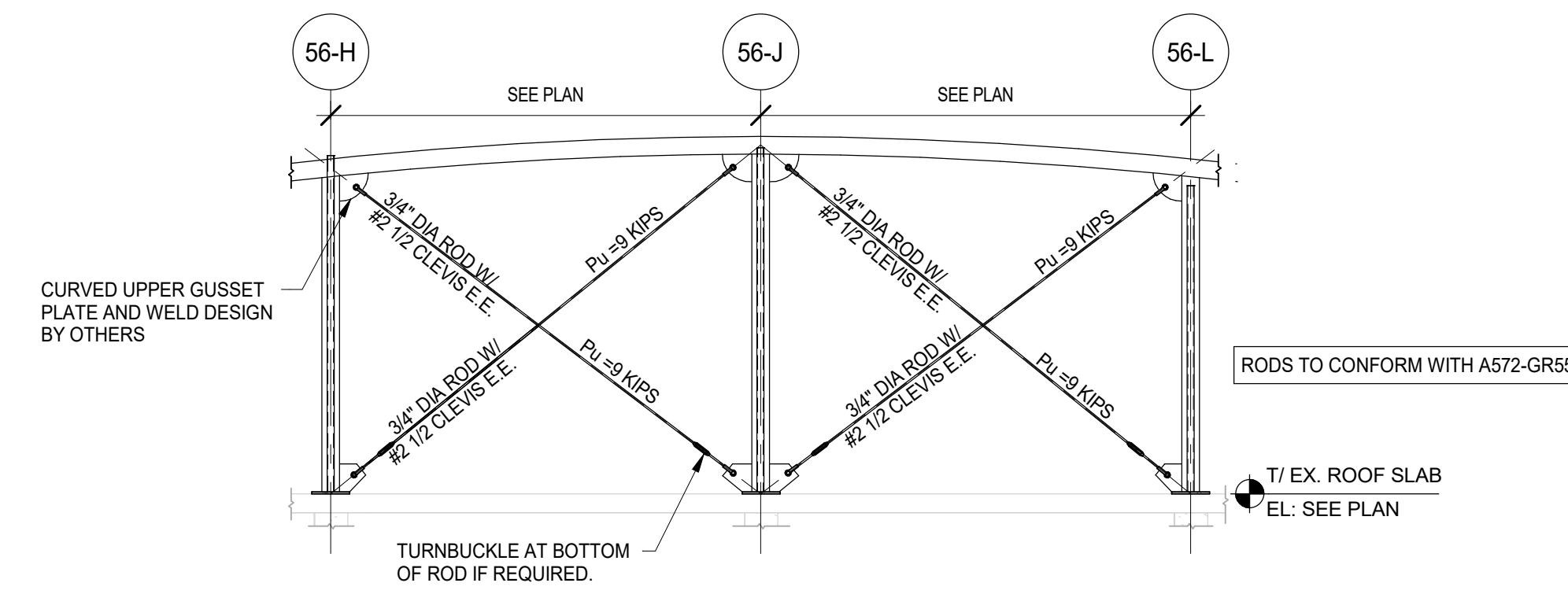
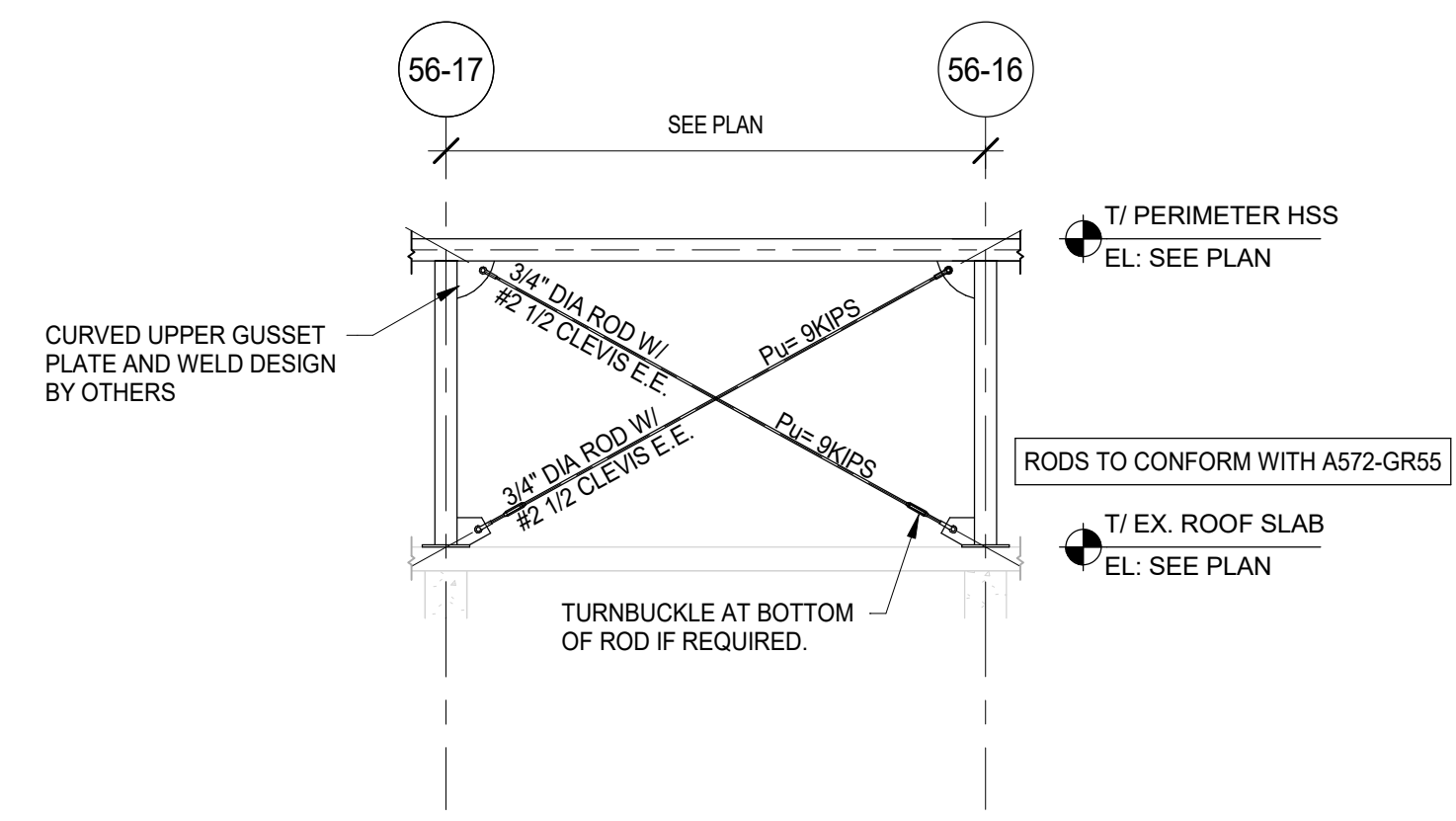
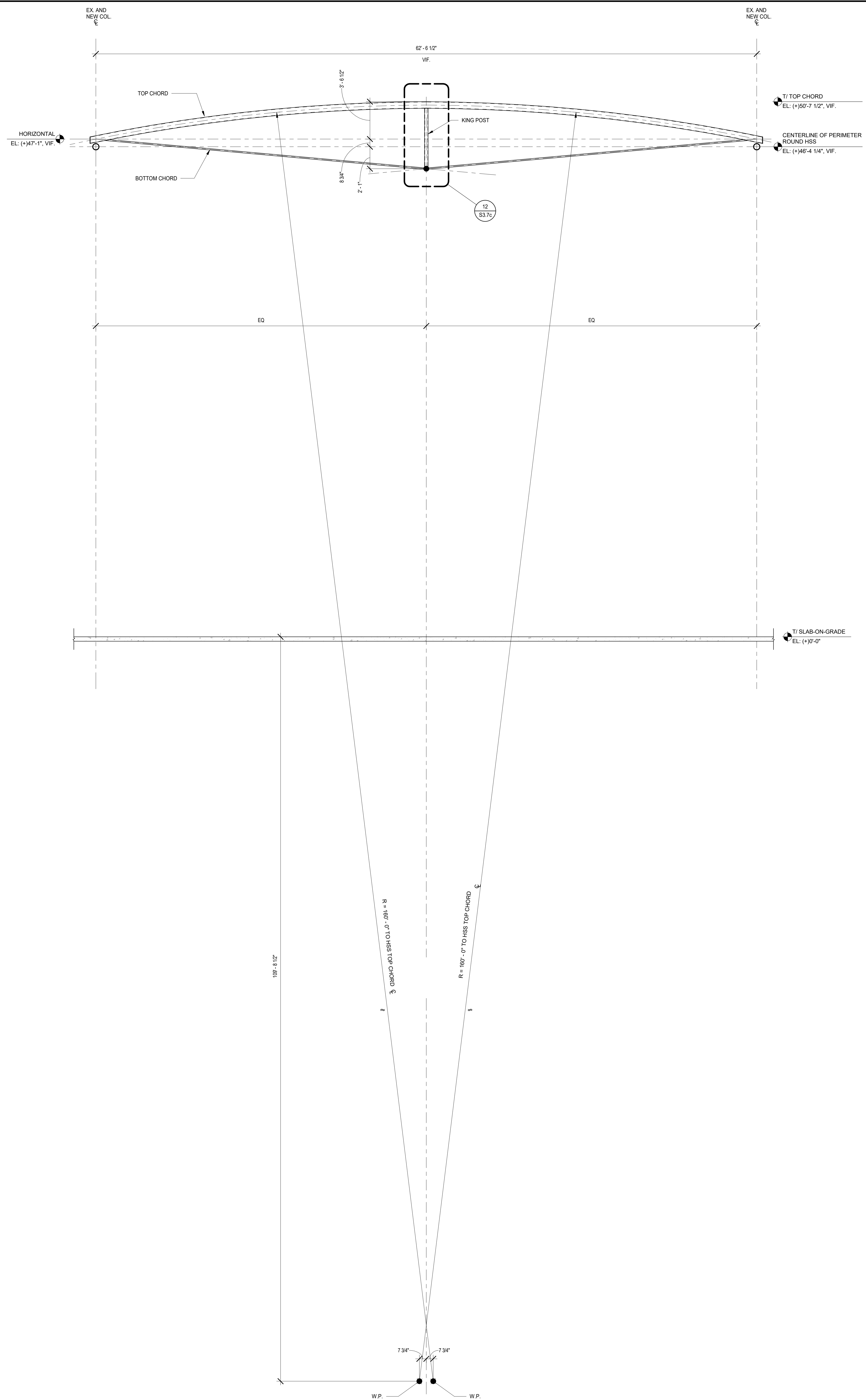
**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**NON-TYPICAL SECTIONS
AND DETAILS**

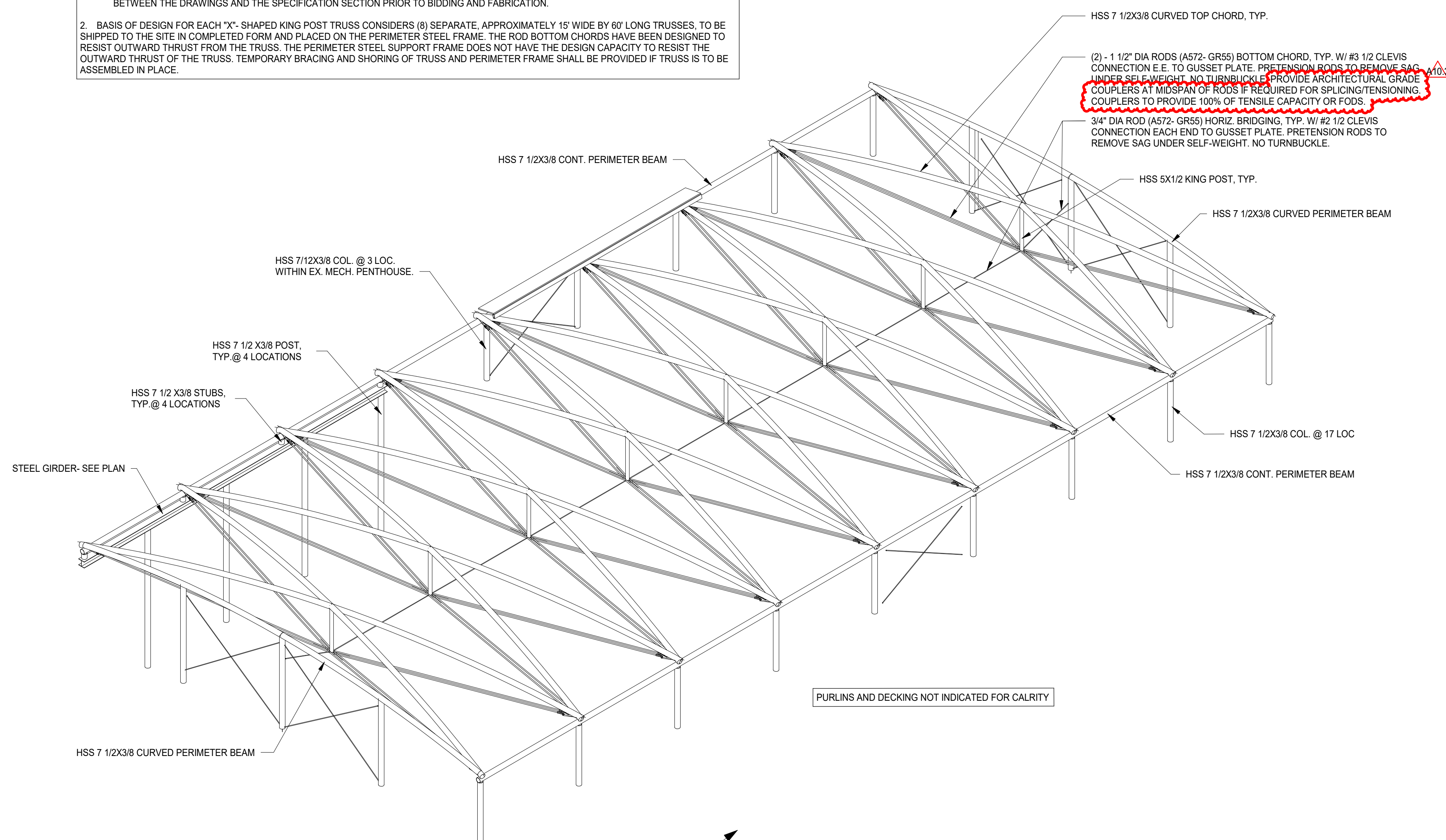
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Drawn By:
I.K.
Sheet:

S3.4c



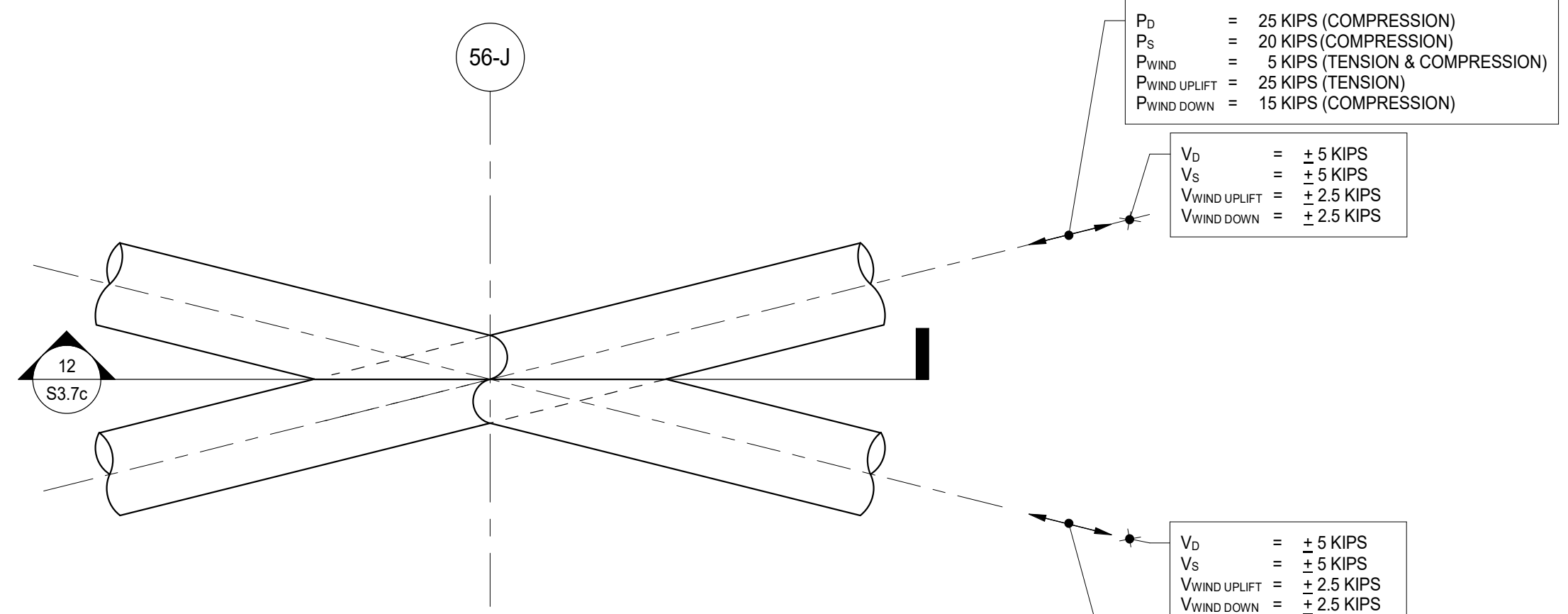
COMMONS ROOF GENERAL NOTES:

- ALL EXPOSED STRUCTURAL STEEL FRAMING OF THE COMMONS ROOF INCLUDING BUT NOT LIMITED TO HSS TRUSS MEMBERS, HSS PURLINS, RODS, PLATES AND CONNECTIONS SHALL CONFORM TO AISC ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) CATEGORY 2 WITH THE FOLLOWING EXCEPTIONS AND CLARIFICATIONS:
 - THE TOP SURFACE OF THE HSS CURVED TOP CHORDS, PERIMETER HSS BEAMS AND HSS ROOF PURLINS ARE NOT EXPOSED TO VIEW AND DO NOT REQUIRE AESS CLASSIFICATION. BOTTOM AND SIDES OF THESE MEMBERS SHALL BE AESS CATEGORY 2.
 - CONNECTIONS INCLUDING WELDING, BOLTING AND PLATING ON THE TOP SURFACE OF THE ABOVE NOTED MEMBERS ARE NOT EXPOSED TO VIEW AND DO NOT REQUIRE AESS CLASSIFICATION. EXPOSED WELDS, BOLTS AND PLATES ON THE UNDERSIDE OF SIDES OF THE MEMBERS SHALL CONFORM TO AESS CATEGORY 2.
 - COLUMN BASE PLATES ARE NOT EXPOSED TO VIEW AND DO NOT REQUIRE AESS CLASSIFICATION.
 - VERTICAL HSS PURLINS LOCATED AT NORTH AND SOUTH ENDS OF THE ROOF SHALL CONFORM TO AISC AESS CATEGORY 2 EXCEPT FOR THEIR OUTER SURFACE. THEIR CONNECTIONS ARE NOT EXPOSED TO VIEW AND DO NOT REQUIRE AESS CLASSIFICATION.
 - HSS BEAMS SHALL BE ORIENTED ON THE TOP SURFACE OF ROOF MEMBERS AND THE OUTER SURFACE OF VERTICAL PURLINS TO REDUCE VISIBILITY.
 - SPLICES SHALL BE LOCATED SUCH THAT THEY ARE NOT EXPOSED TO VIEW FROM BELOW. SPLICES EXPOSED TO VIEW SHALL MEET AISC AESS CATEGORY 4 REQUIREMENTS AND SHALL MAINTAIN A CONTINUOUS AESTHETIC WITH MAIN MEMBERS.
 - SEE SPECIFICATION SECTION 05193 AESS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE SPECIFICATION SECTION PRIOR TO BIDDING AND FABRICATION.
2. BASIS OF DESIGN FOR EACH "X"-SHAPED KING POST TRUSS CONSIDERS (8) SEPARATE, APPROXIMATELY 15' WIDE BY 60' LONG TRUSSES. TO BE SHIPPED TO THE SITE IN COMPLETED FORM AND PLACED ON THE PERIMETER STEEL FRAME. THE ROD BOTTOM CHORDS HAVE BEEN DESIGNED TO RESIST OUTWARD THRUST FROM THE TRUSS. THE PERIMETER STEEL SUPPORT FRAME DOES NOT HAVE THE DESIGN CAPACITY TO RESIST THE OUTWARD THRUST OF THE TRUSS. TEMPORARY BRACING AND SHORING OF TRUSS AND PERIMETER FRAME SHALL BE PROVIDED IF TRUSS IS TO BE ASSEMBLED IN PLACE.

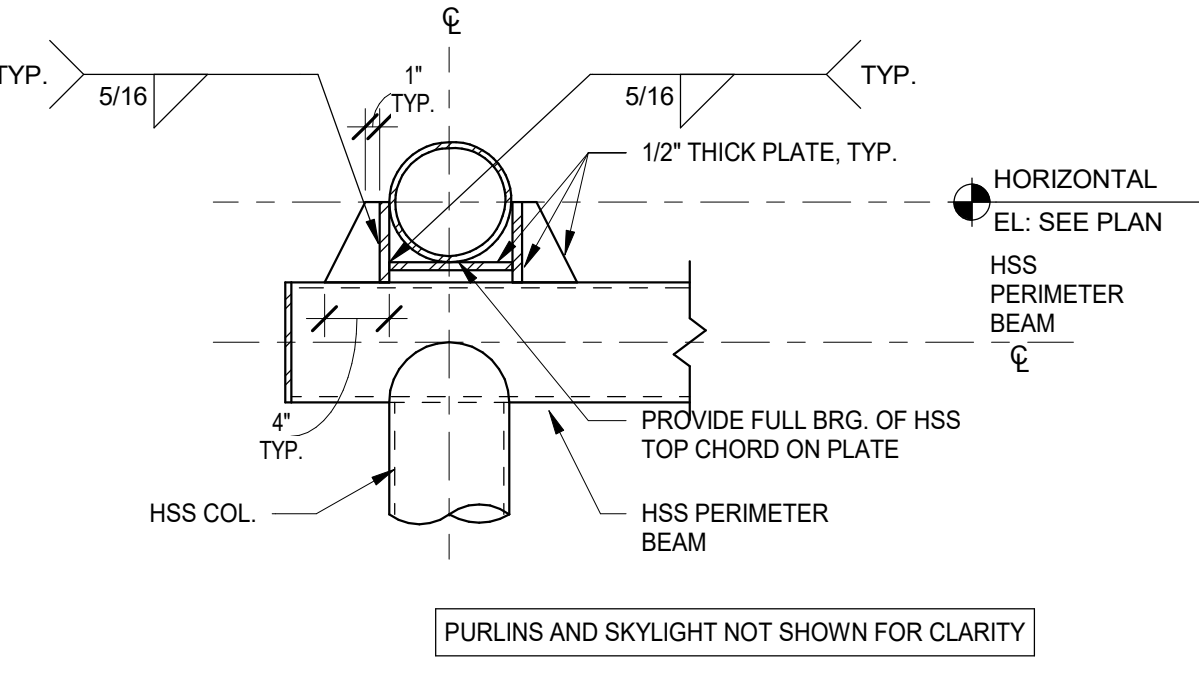


$P_u = 25$ KIPS (COMPRESSION)
 $P_u = 20$ KIPS (COMPRESSION)
 $P_{wind} = 5$ KIPS (TENSION & COMPRESSION)
 $P_{wind\ up} = 25$ KIPS (TENSION)
 $P_{wind\ down} = 15$ KIPS (COMPRESSION)

$V_u = \pm 5$ KIPS
 $V_u = \pm 5$ KIPS
 $V_{wind\ up} = \pm 2.5$ KIPS
 $V_{wind\ down} = \pm 2.5$ KIPS

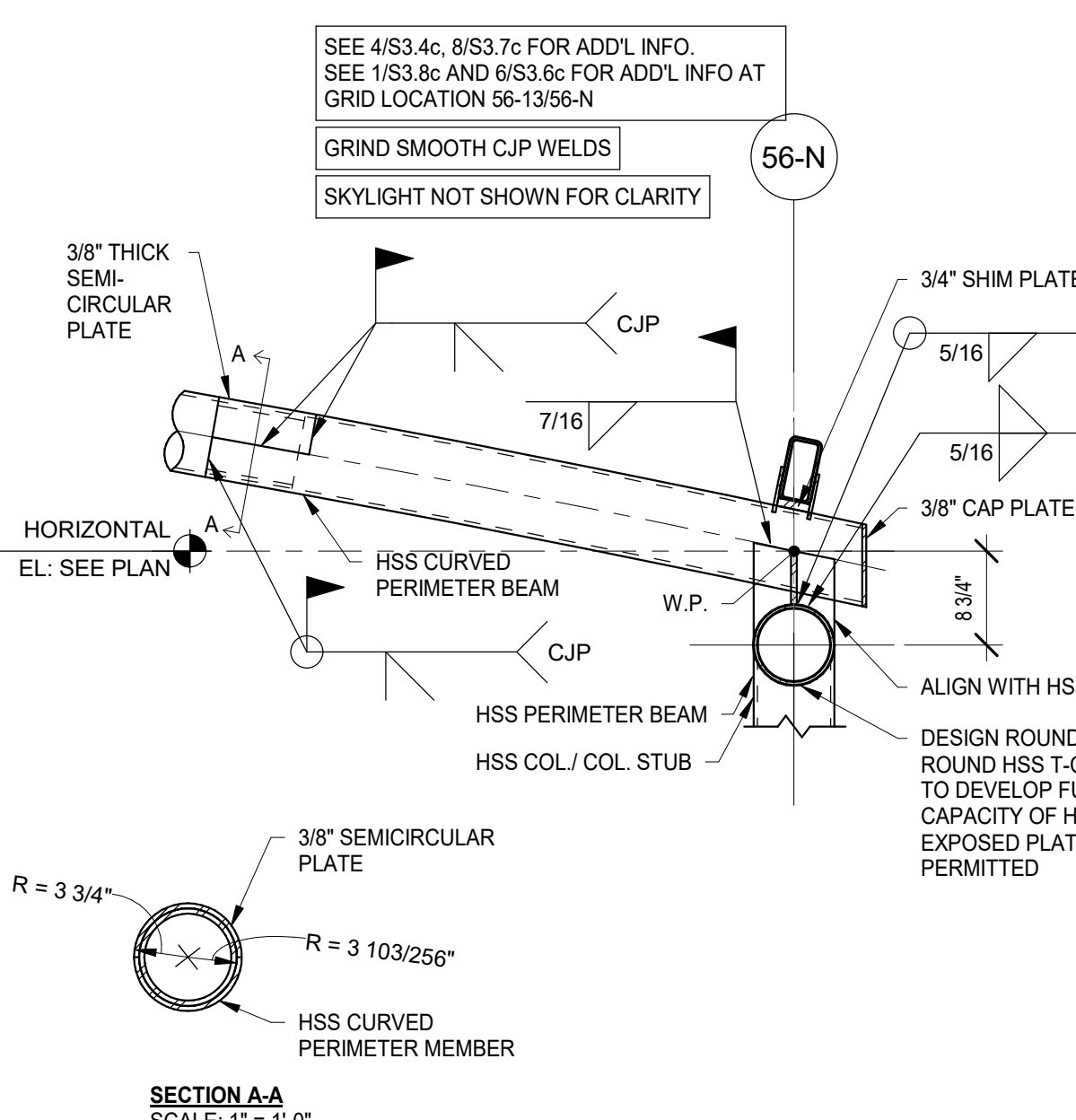


14 FRAMING DETAIL
SCALE: 1" = 1'-0"



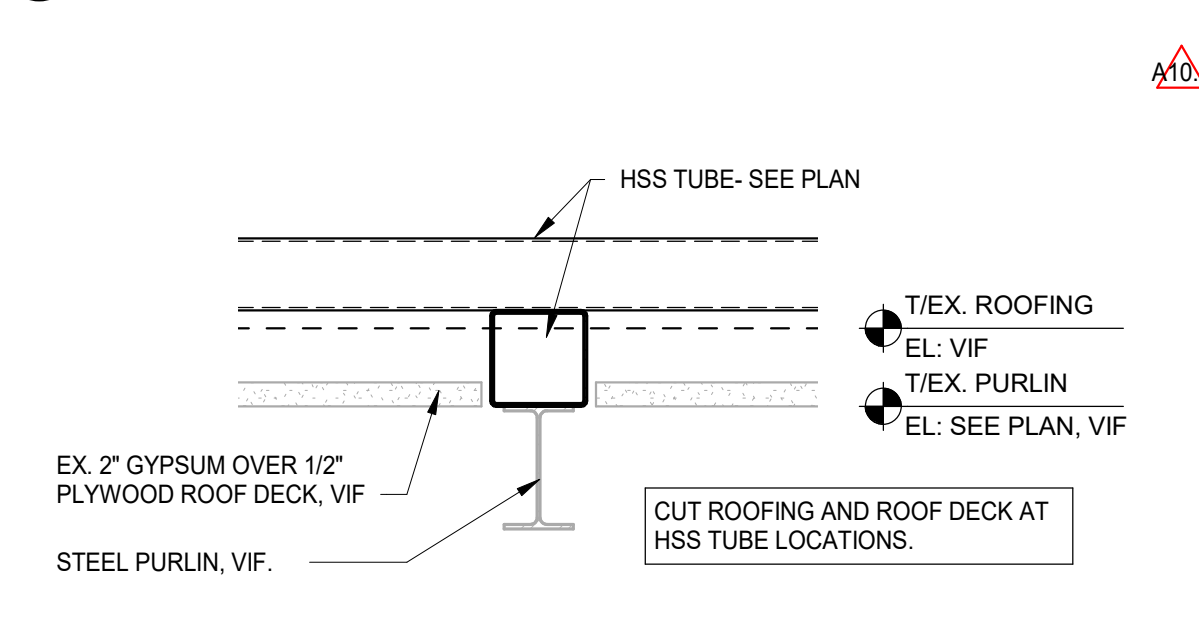
DESIGN TOP-CHORD TO TOP-CHORD CROSS CONNECTION TO DEVELOP 100% MOMENT CAPACITY OF ROUND HSS IN ADDITION TO THE SERVICE LEVEL FORCES INDICATED.

18 FRAMING DETAIL
SCALE: 1" = 1'-0"

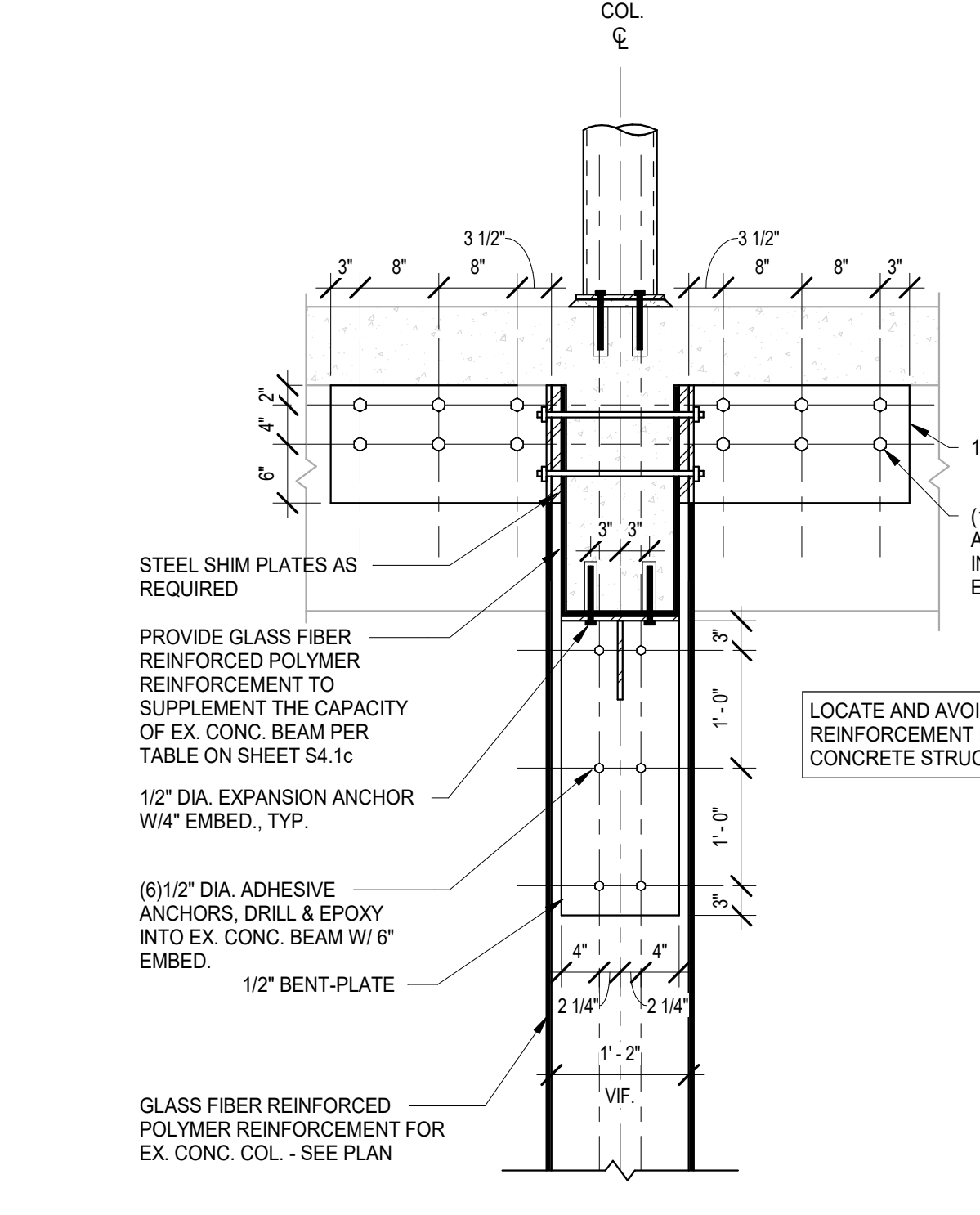


DESIGN ROUND HSS TO ROUND HSS T-CONNECTION TO DEVELOP FULL MOMENT CAPACITY OF HSS COLUMN. EXPOSED PLATES NOT PERMITTED.

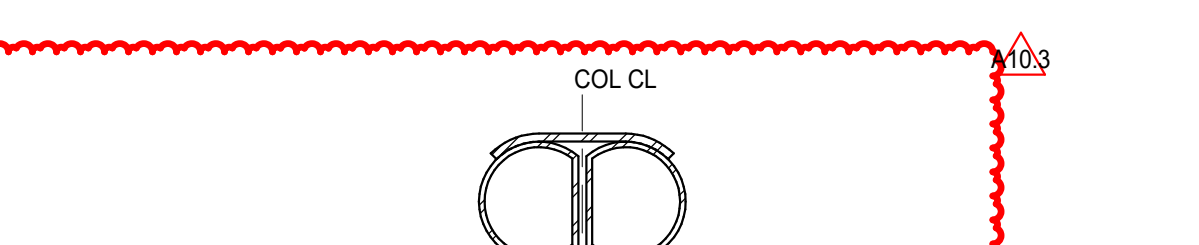
19 FRAMING DETAIL
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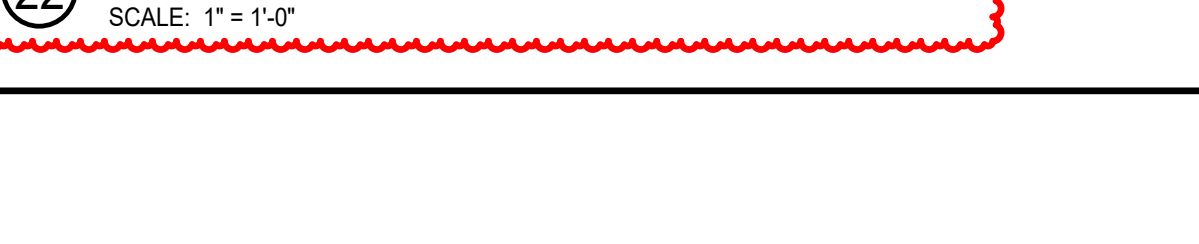
20 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



21 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



22 FRAMING DETAIL
SCALE: 1" = 1'-0"

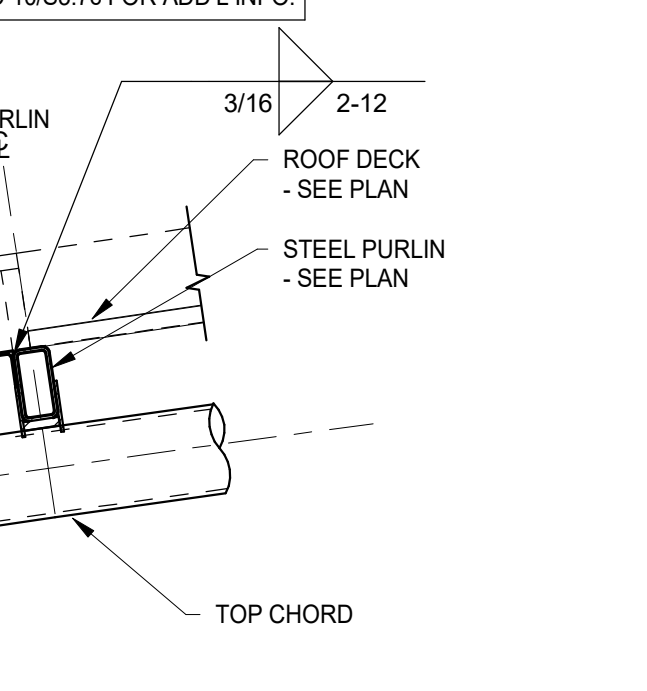


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 $P_u = 20$ KIPS (COMPRESSION)
 $P_{wind} = 5$ KIPS (TENSION & COMPRESSION)
 $P_{wind\ up} = 25$ KIPS (TENSION)
 $P_{wind\ down} = 15$ KIPS (COMPRESSION)

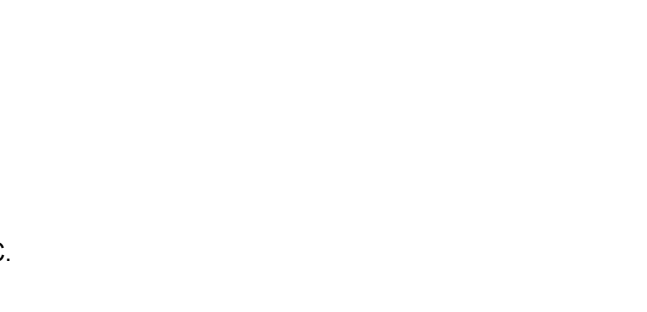
$V_u = \pm 5$ KIPS
 $V_u = \pm 5$ KIPS
 $V_{wind\ up} = \pm 2.5$ KIPS
 $V_{wind\ down} = \pm 2.5$ KIPS

$P_u = 25$ KIPS (COMPRESSION)
 $P_u = 20$ KIPS (COMPRESSION)
 $P_{wind} = 5$ KIPS (TENSION & COMPRESSION)
 $P_{wind\ up} = 25$ KIPS (TENSION)
 $P_{wind\ down} = 15$ KIPS (COMPRESSION)

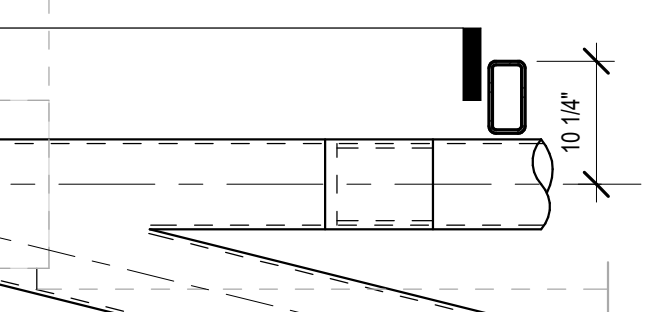
$V_u = \pm 5$ KIPS
 $V_u = \pm 5$ KIPS
 $V_{wind\ up} = \pm 2.5$ KIPS
 $V_{wind\ down} = \pm 2.5$ KIPS



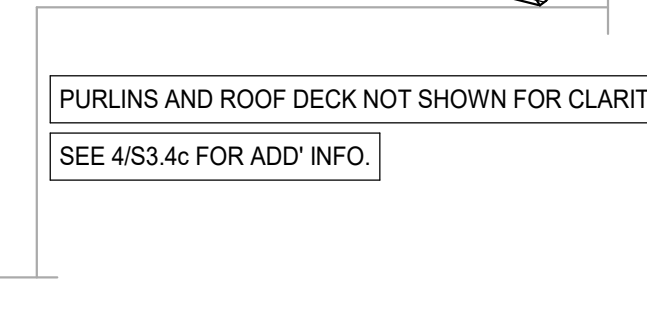
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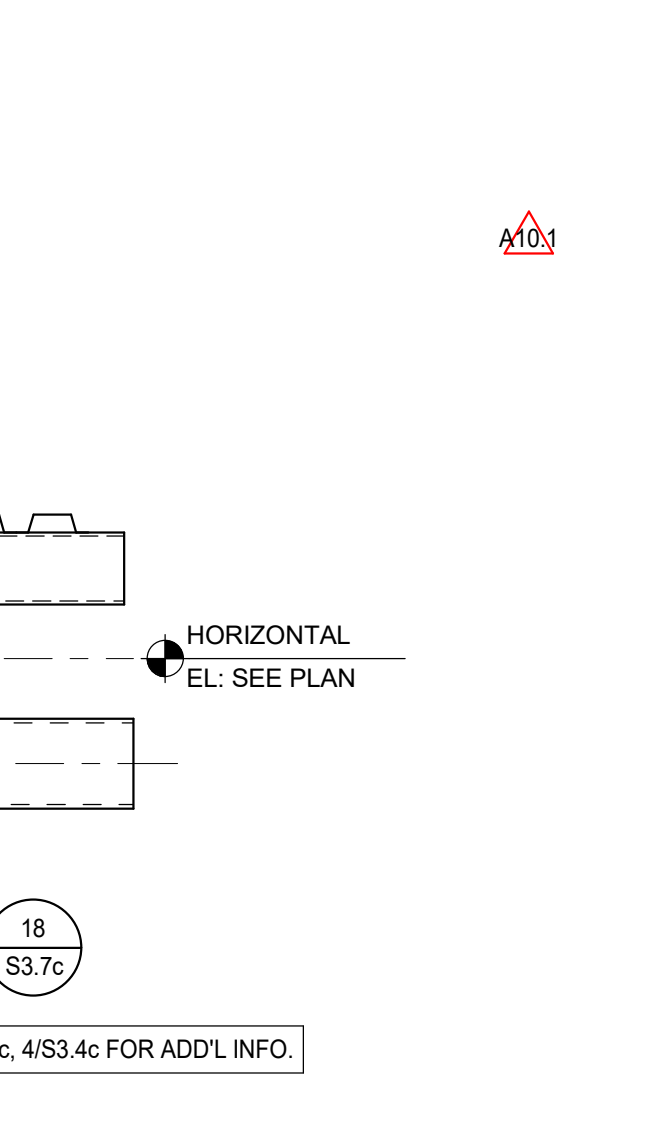
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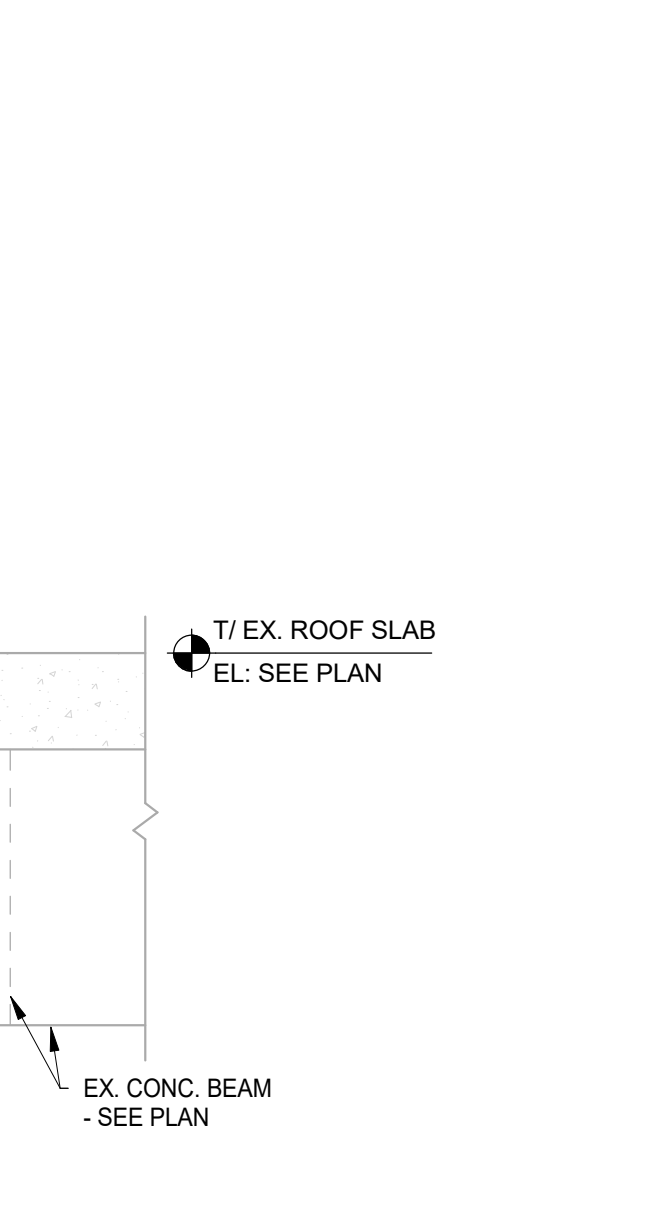
11 PURLIN SPlice DETAIL
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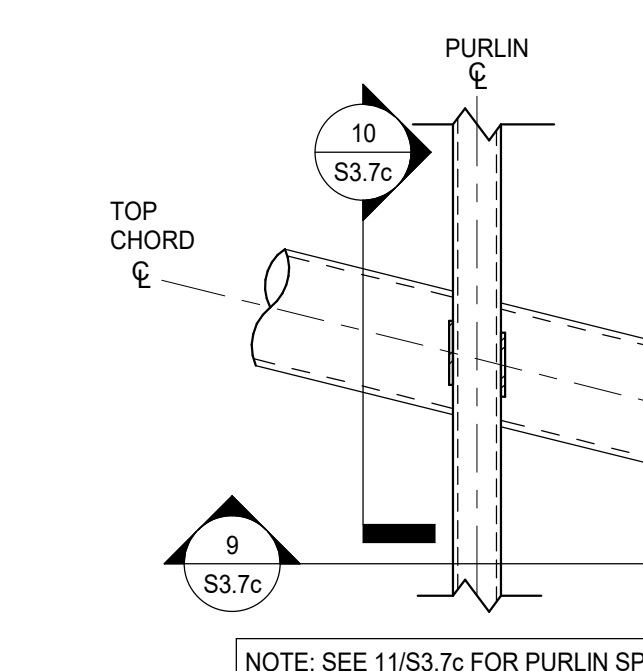
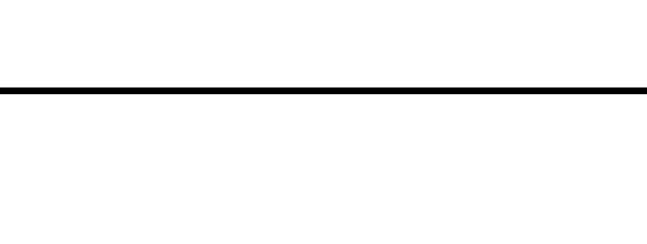
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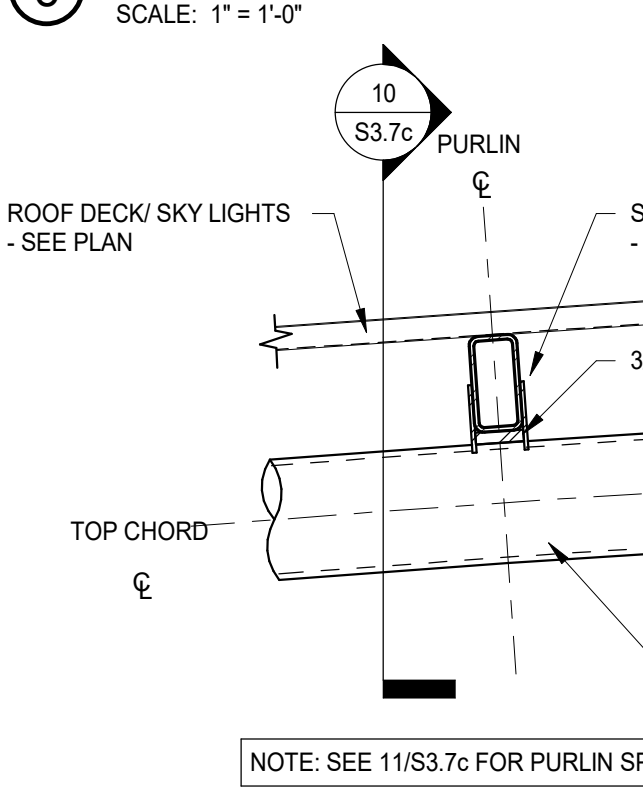
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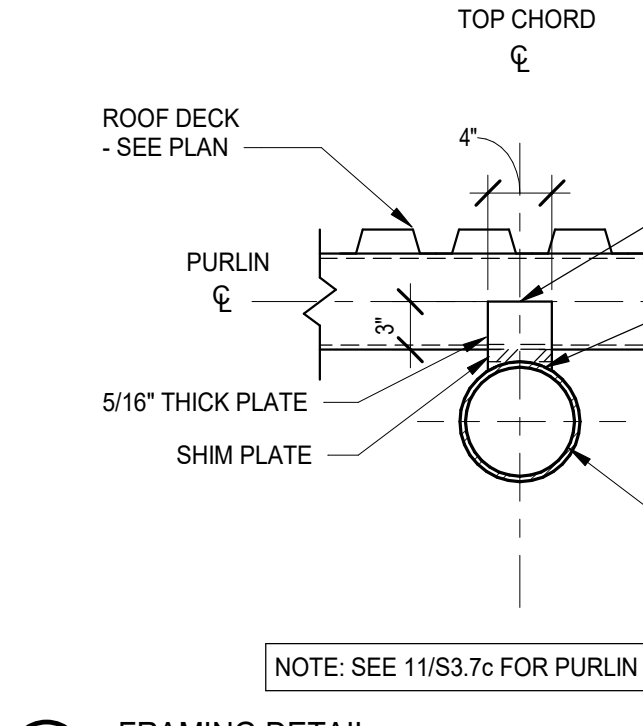
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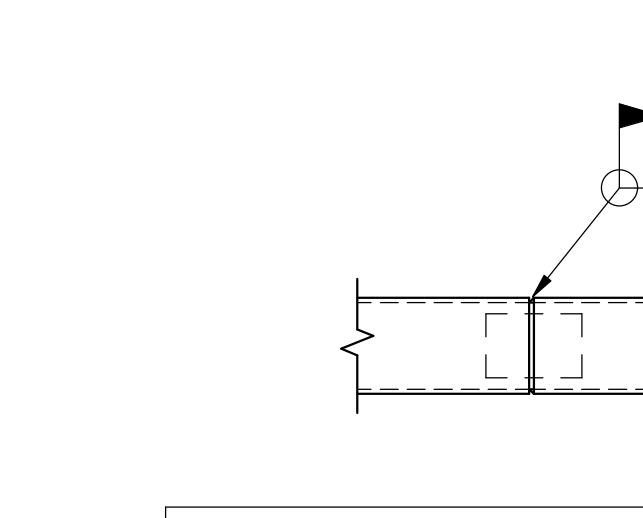
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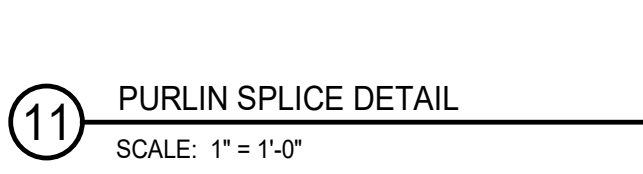
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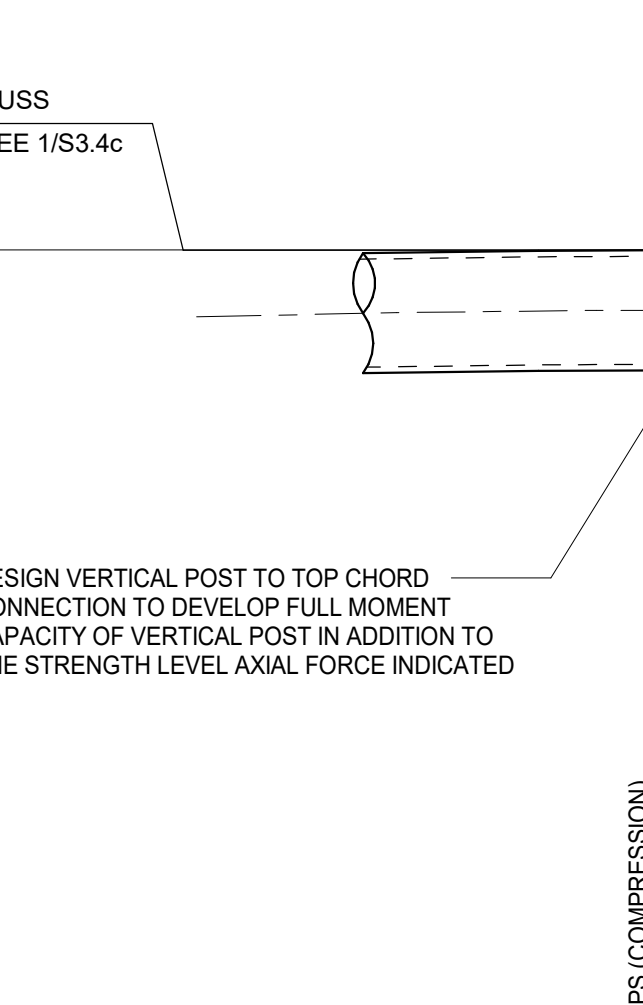
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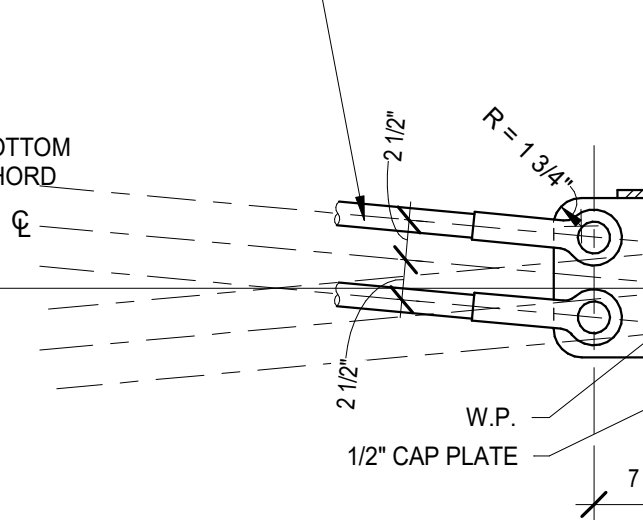
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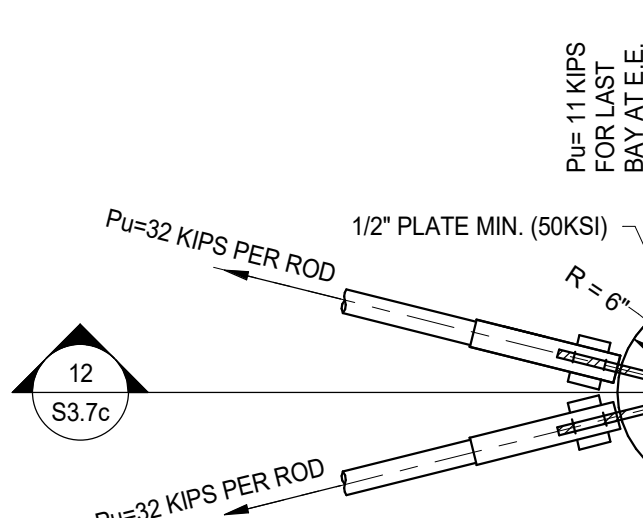
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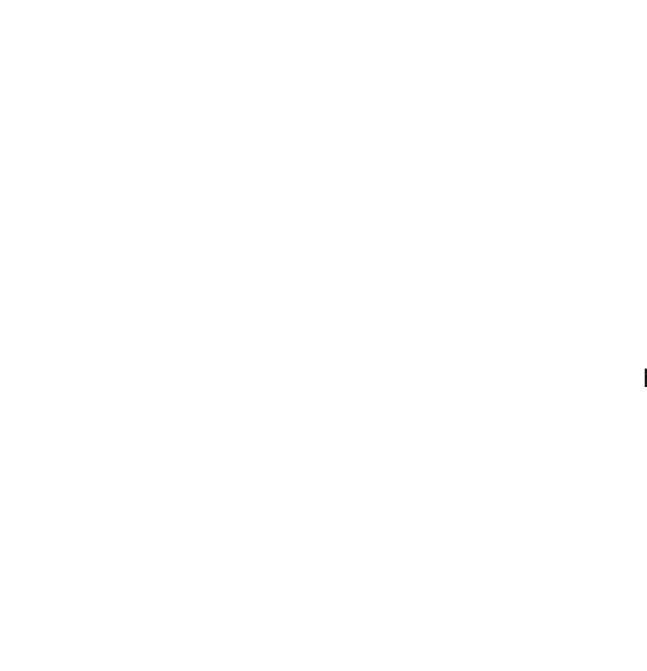
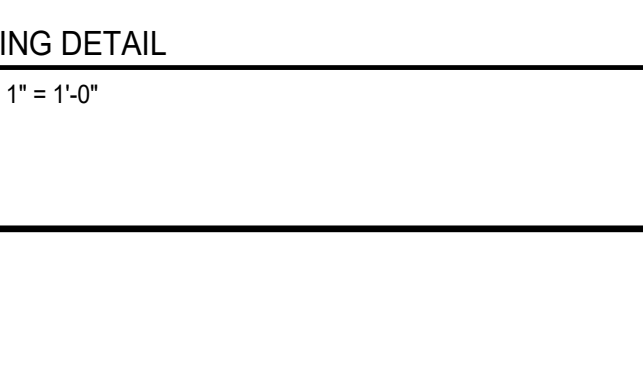
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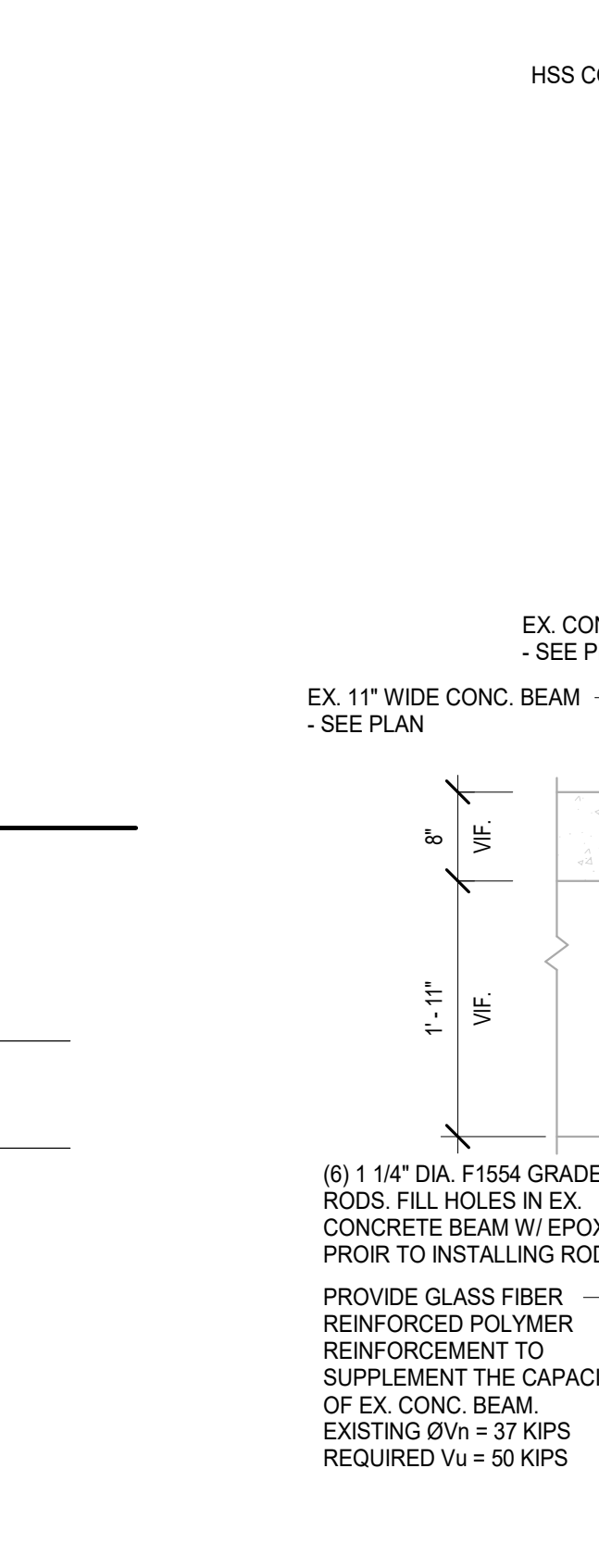
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7 FRAMING DETAIL
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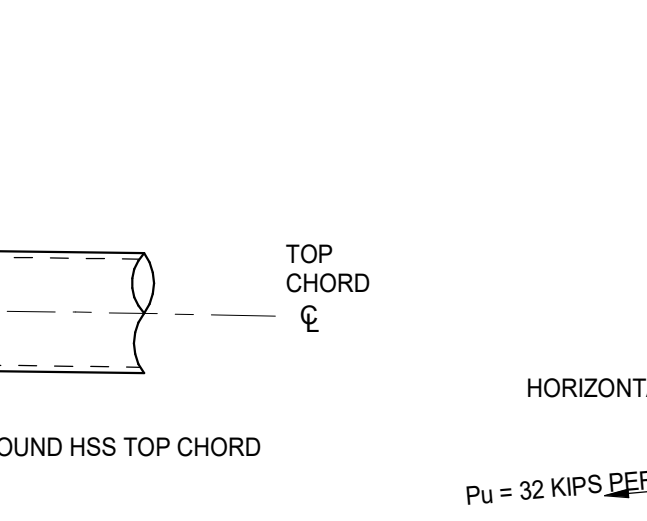
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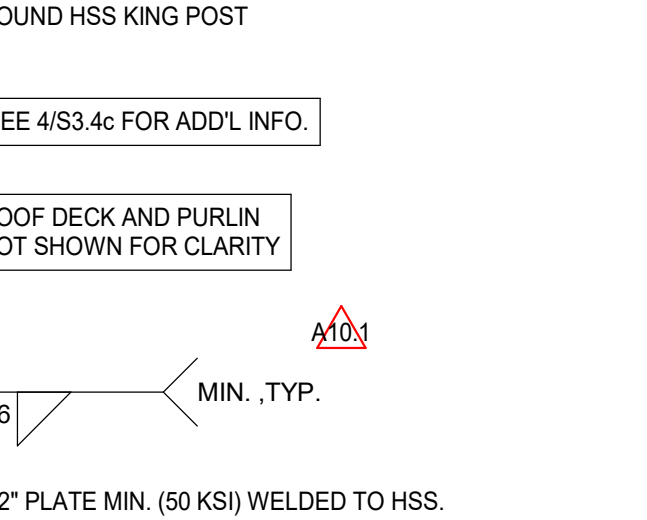
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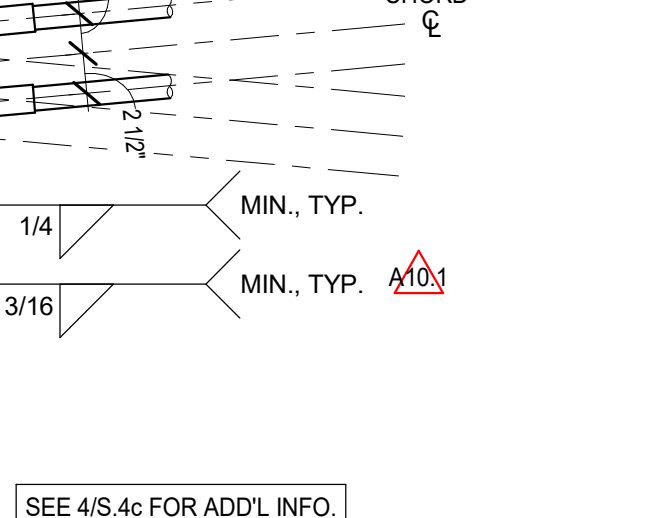
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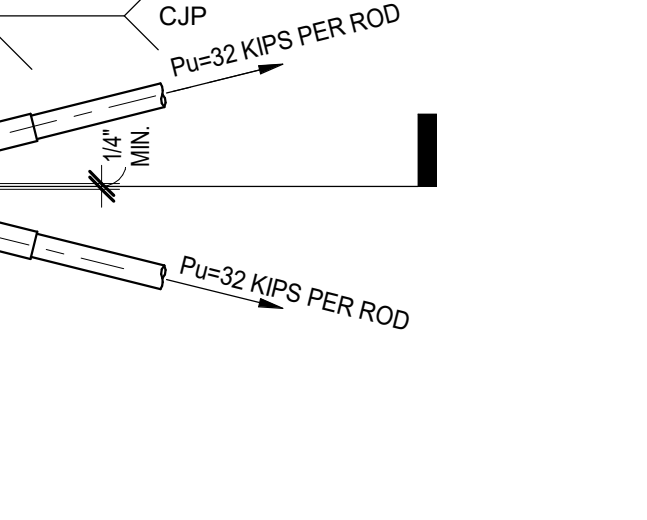
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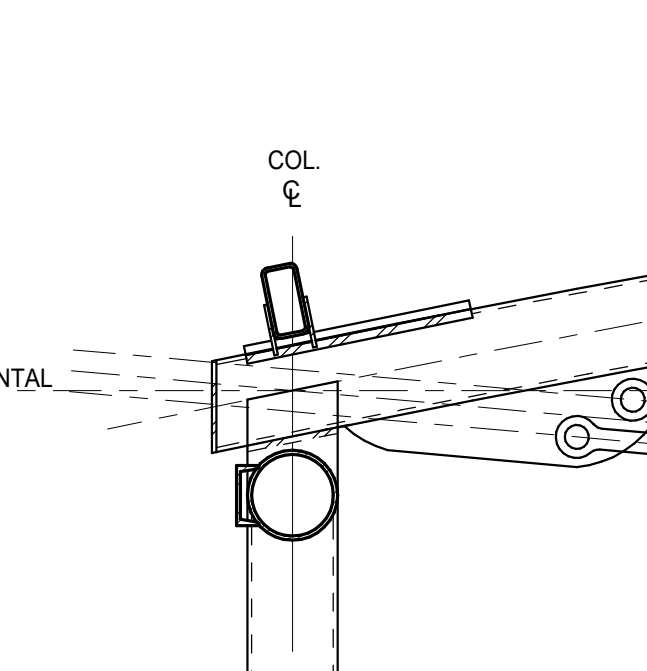
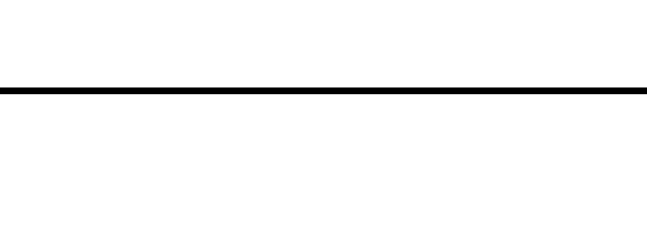
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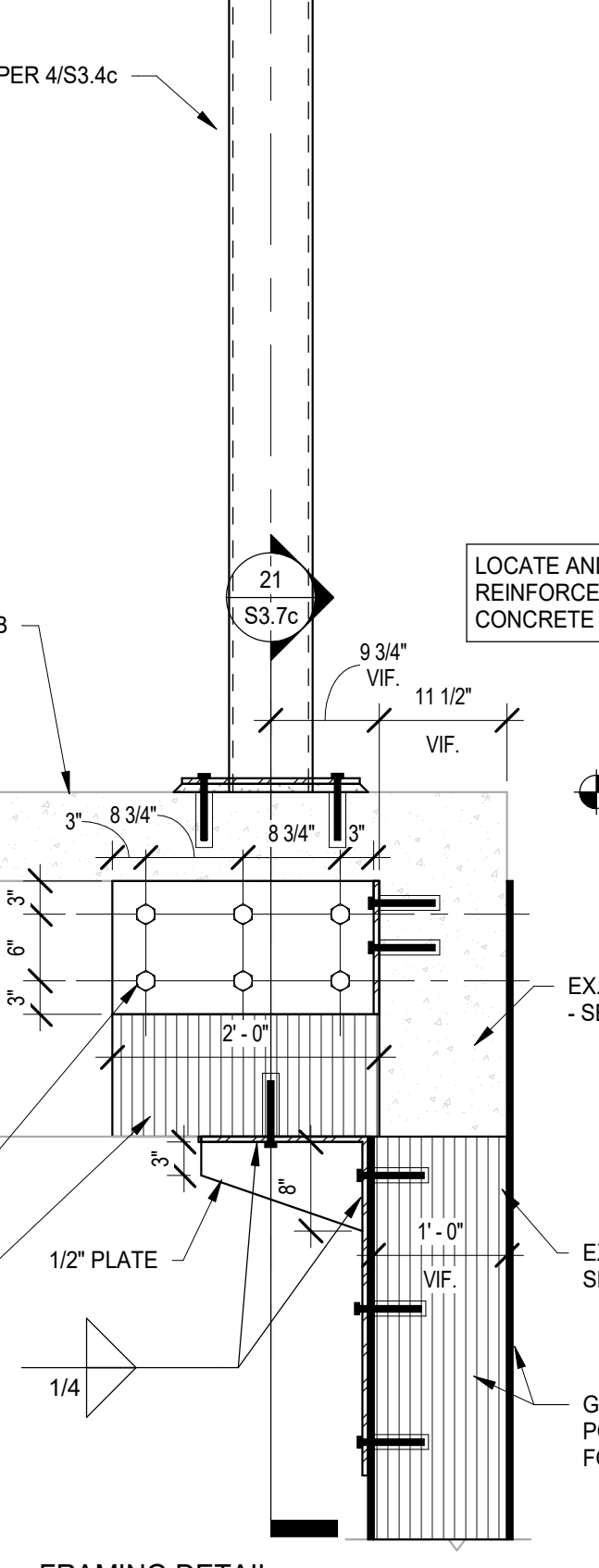
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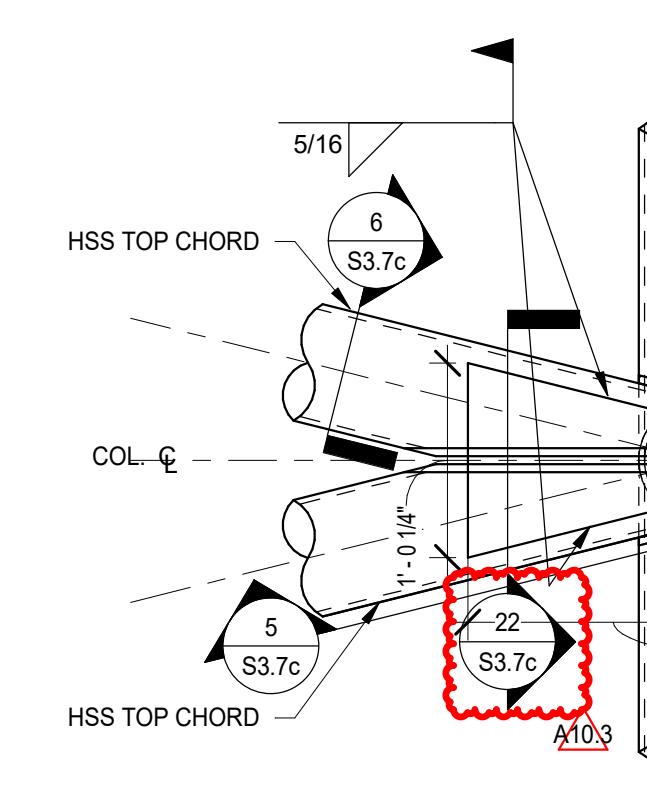
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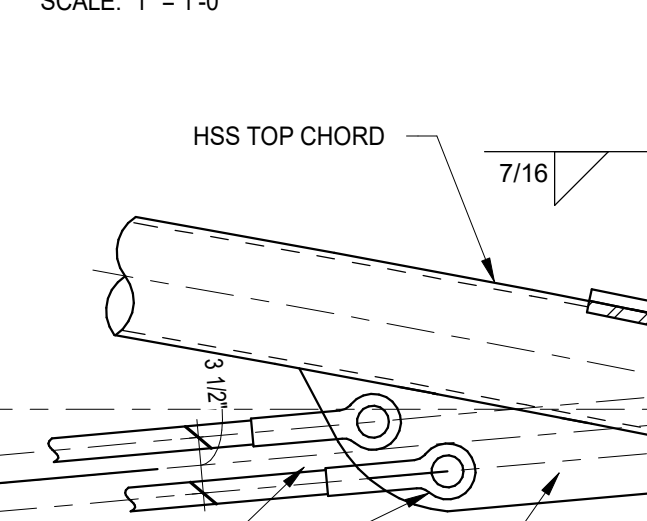
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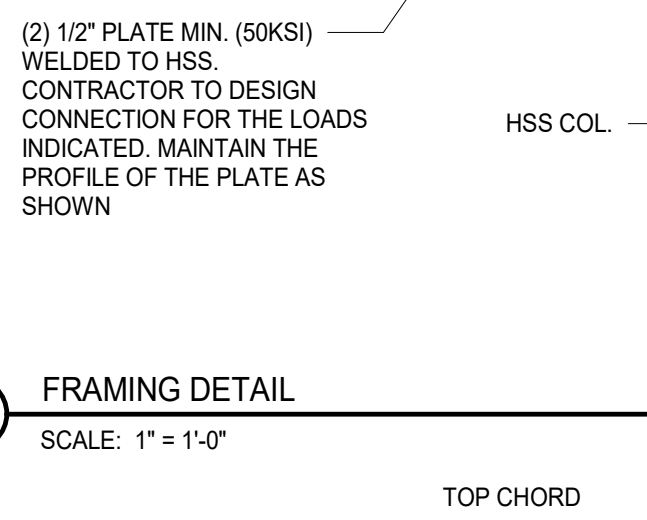
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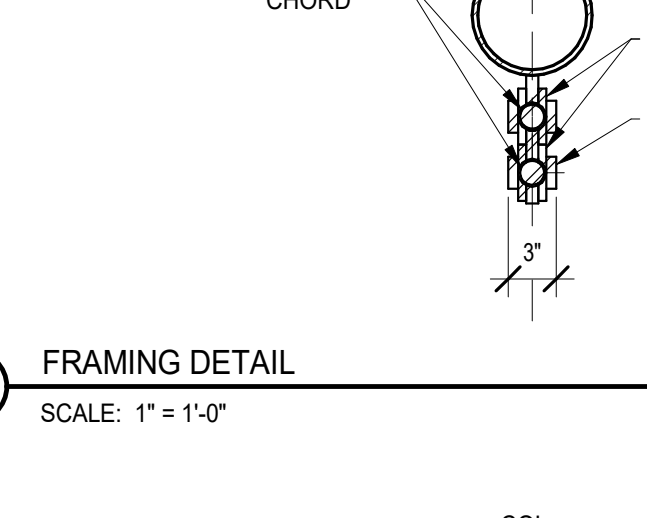
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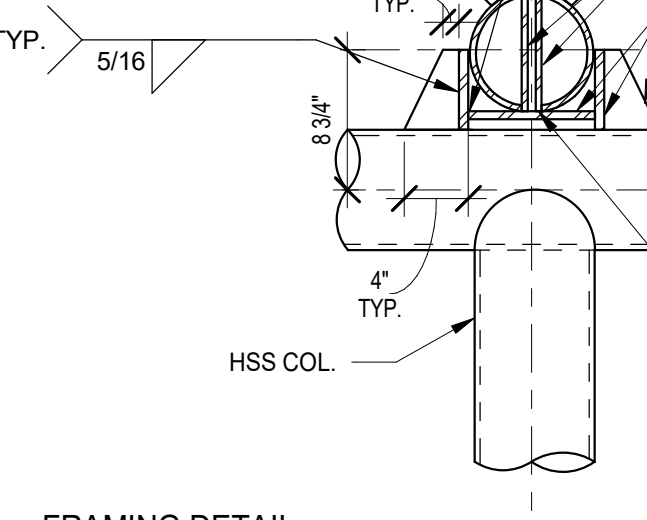
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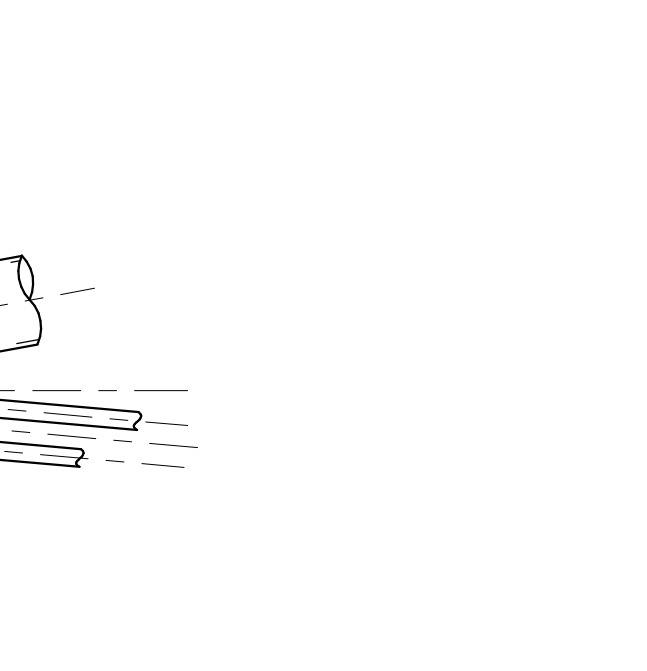
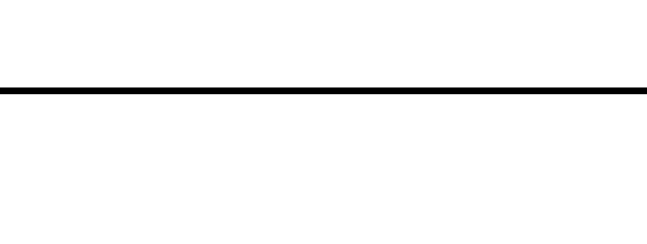
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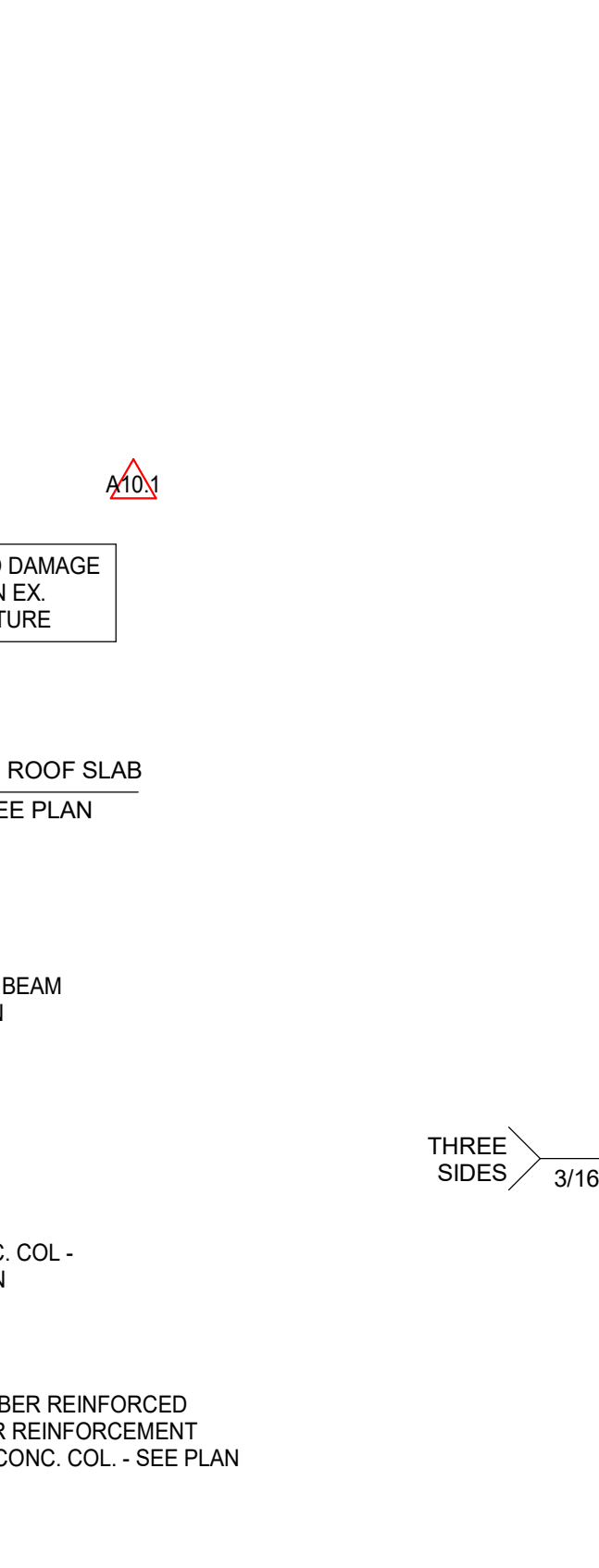
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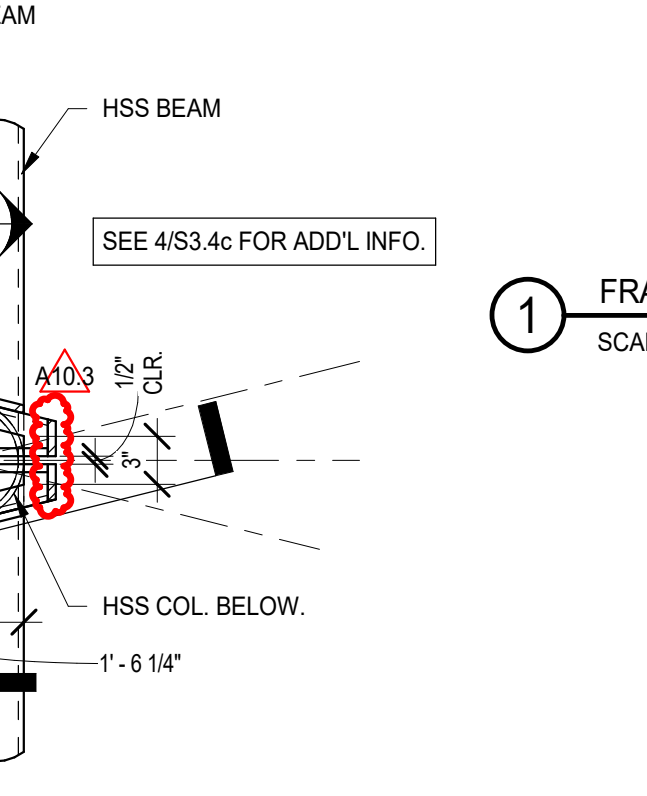
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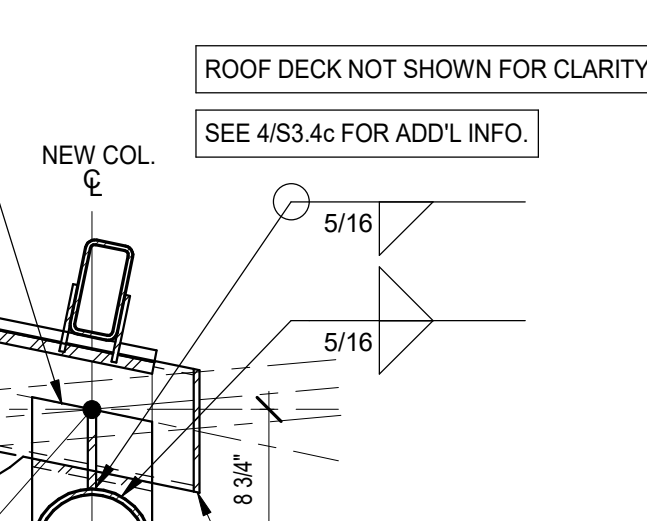
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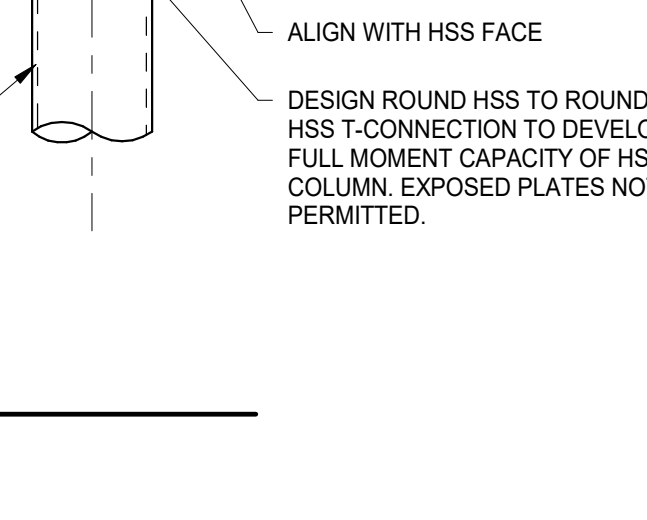
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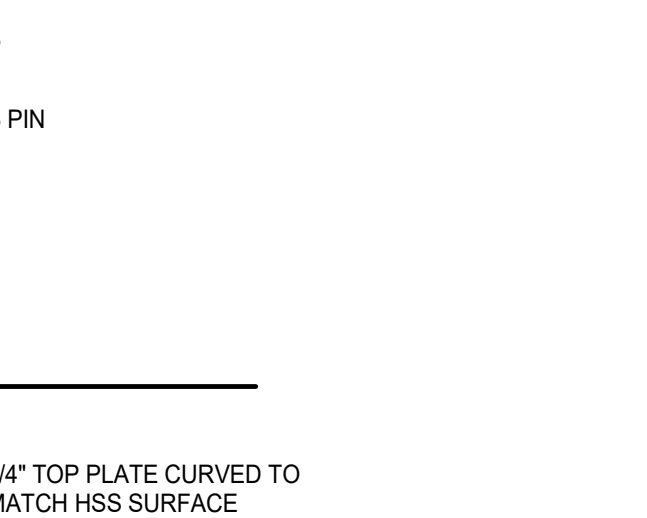
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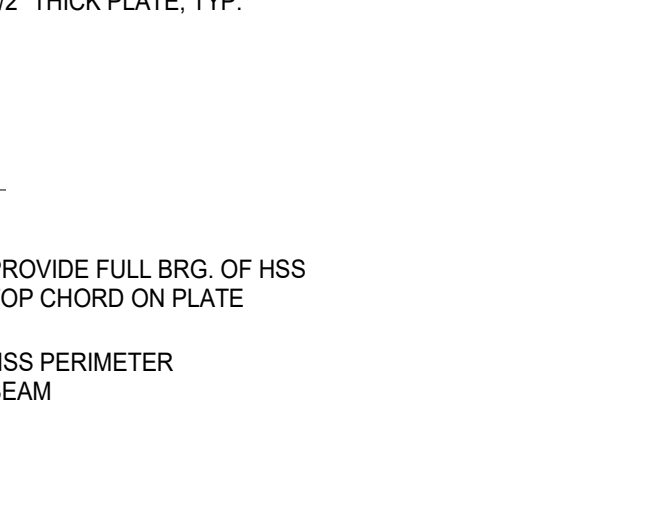
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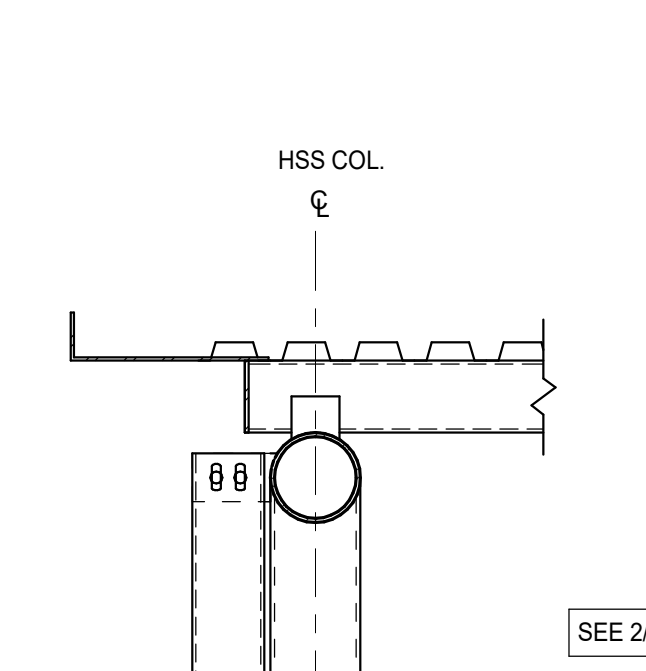
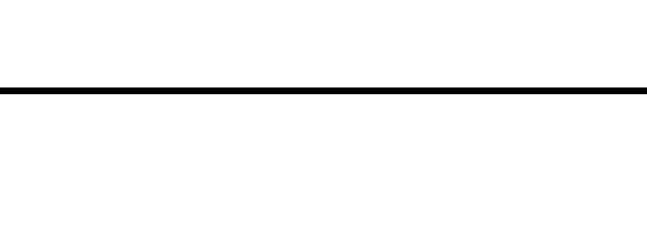
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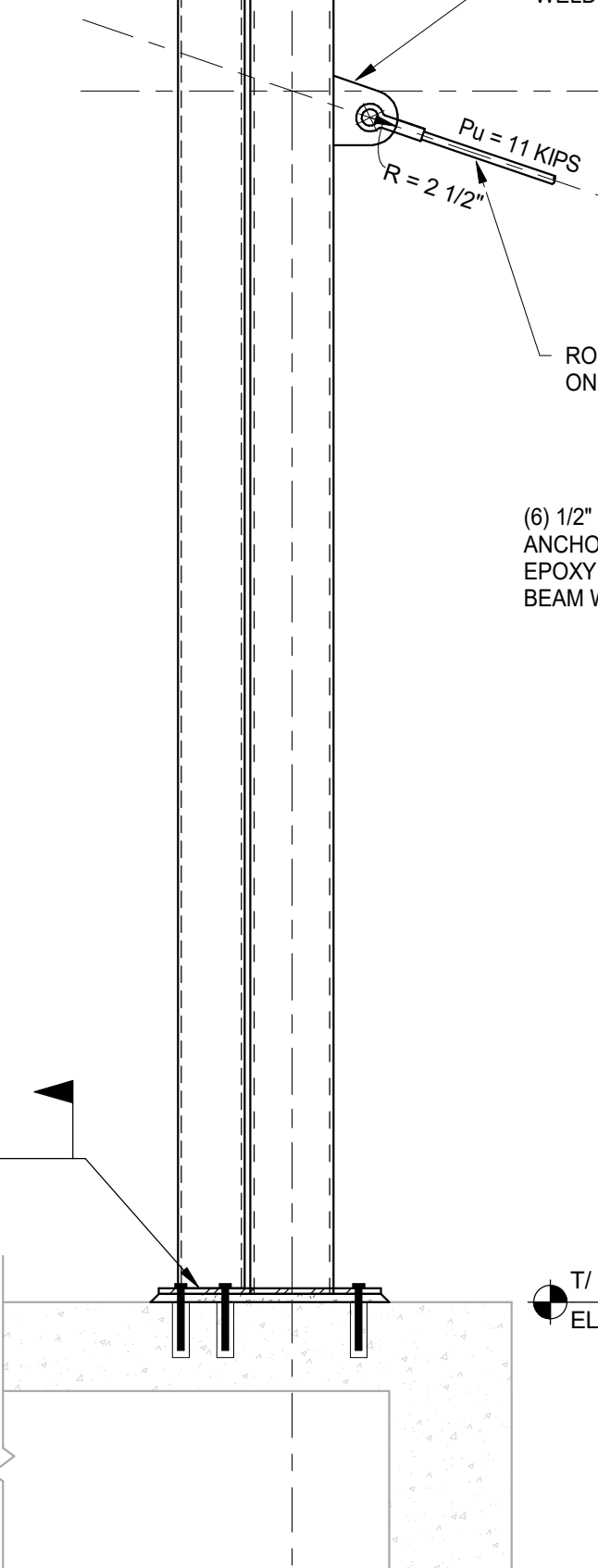
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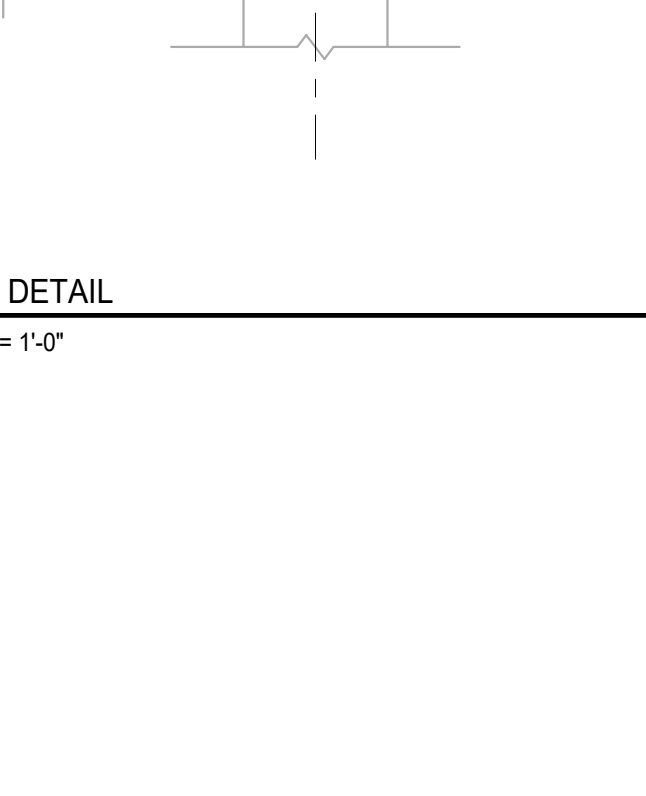
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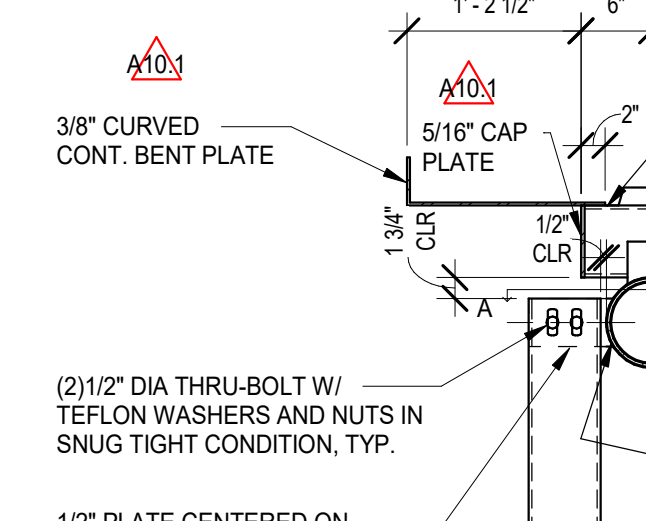
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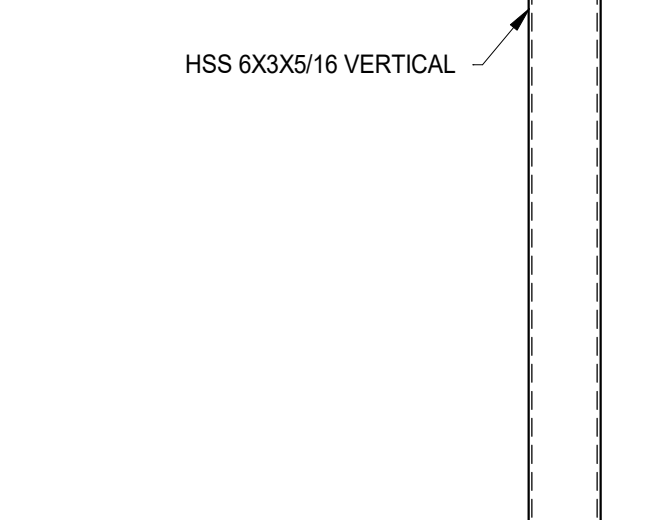
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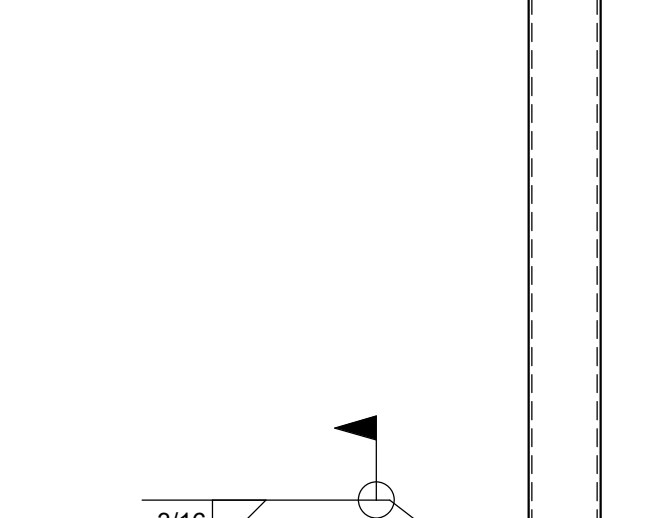
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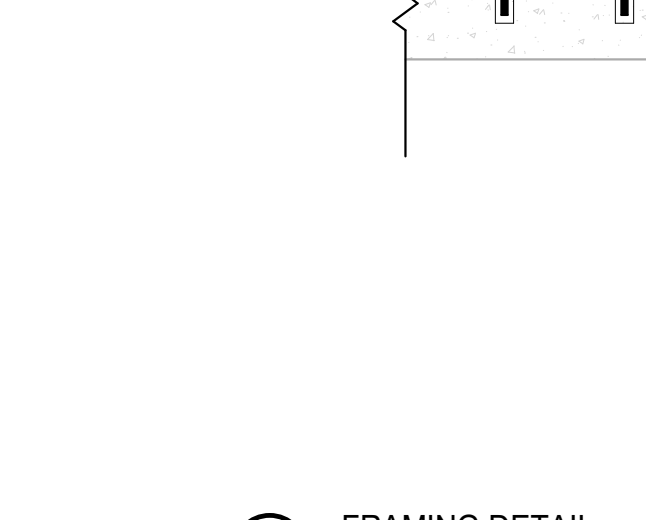
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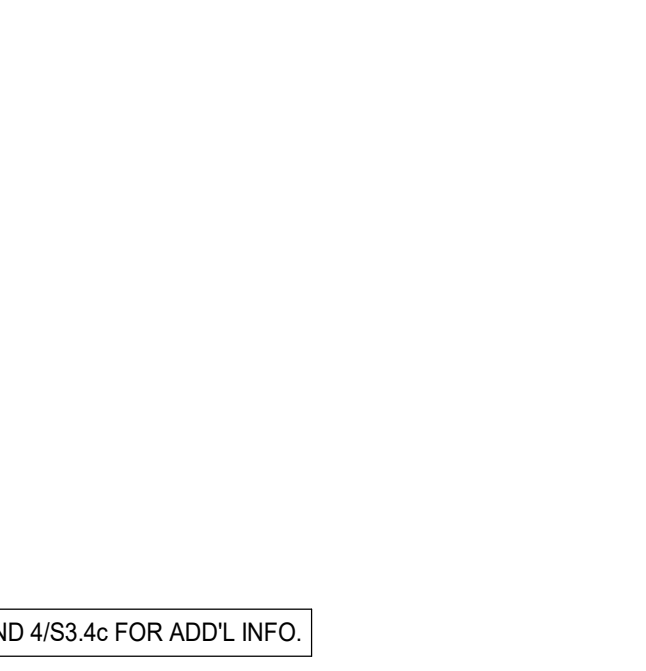
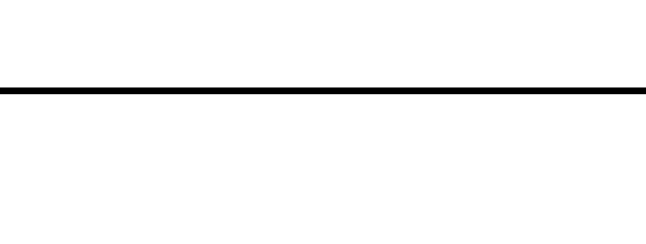
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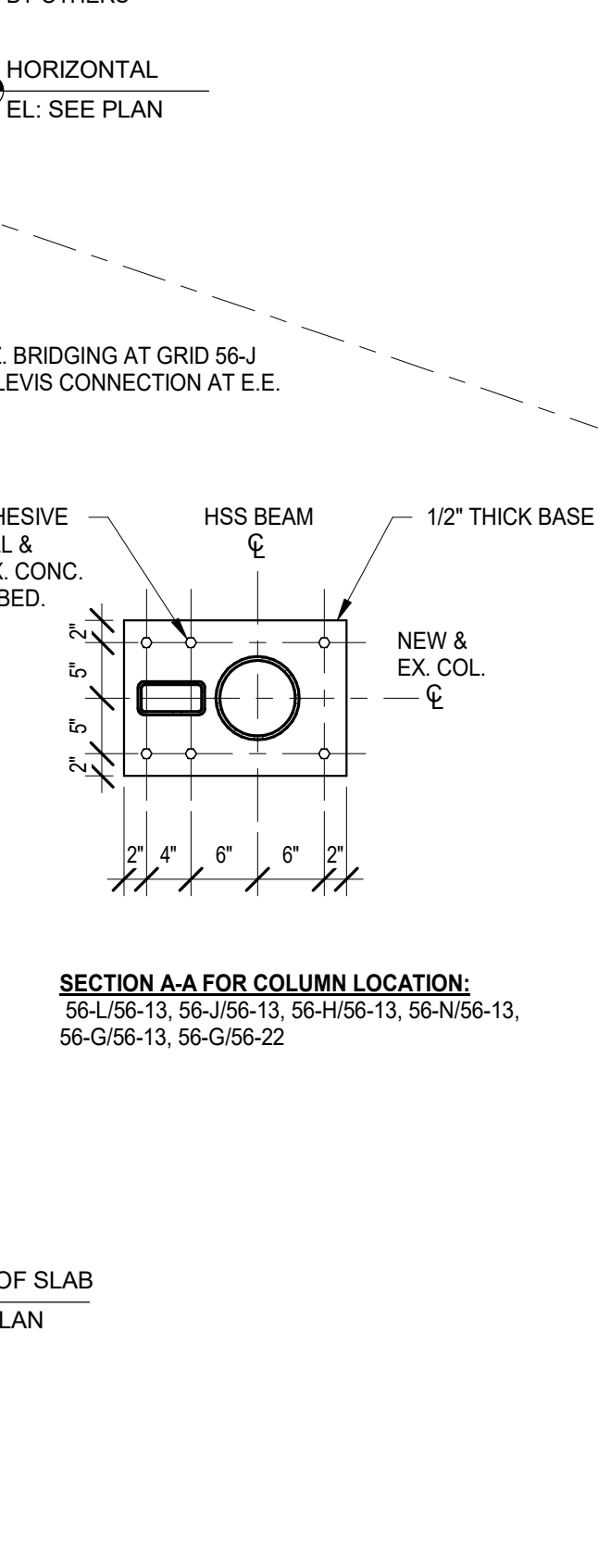
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2 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



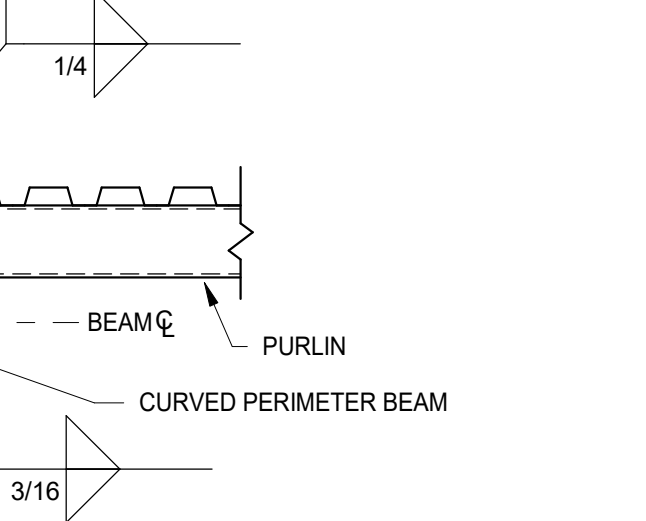
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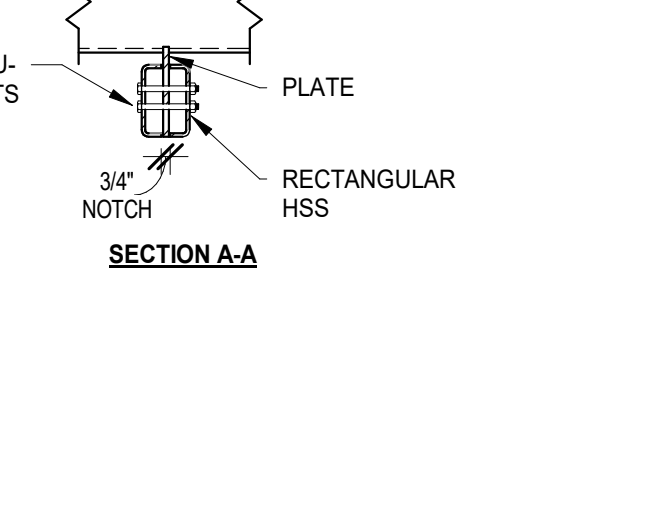
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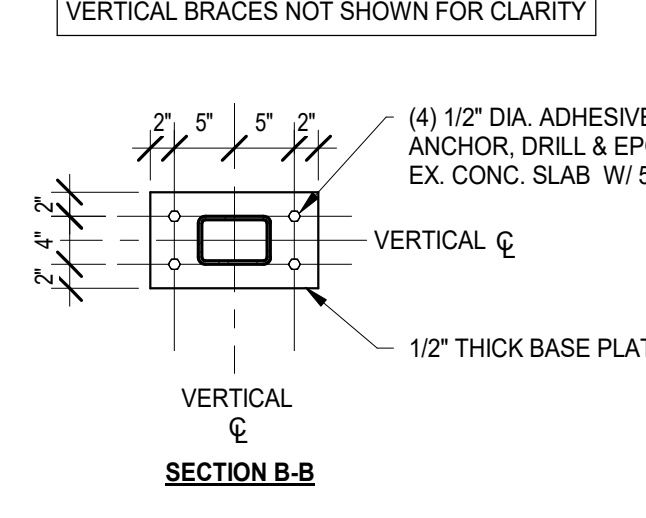
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6 FRAMING DETAIL
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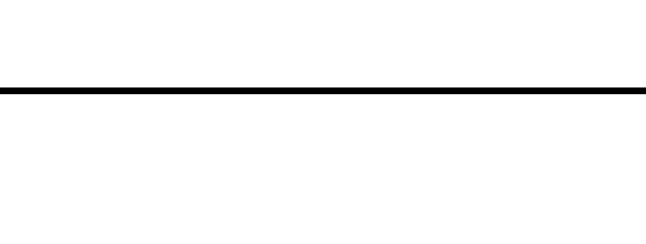
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2 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



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



NOT FOR CONSTRUCTION

A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
A10.1 BID GROUP 10 - ADDENDUM #1 12.30.2019
ISSUED FOR BID - BID GROUP 10 11.19.2019
REV DATE

MFP IMPLEMENTATION - NORTH

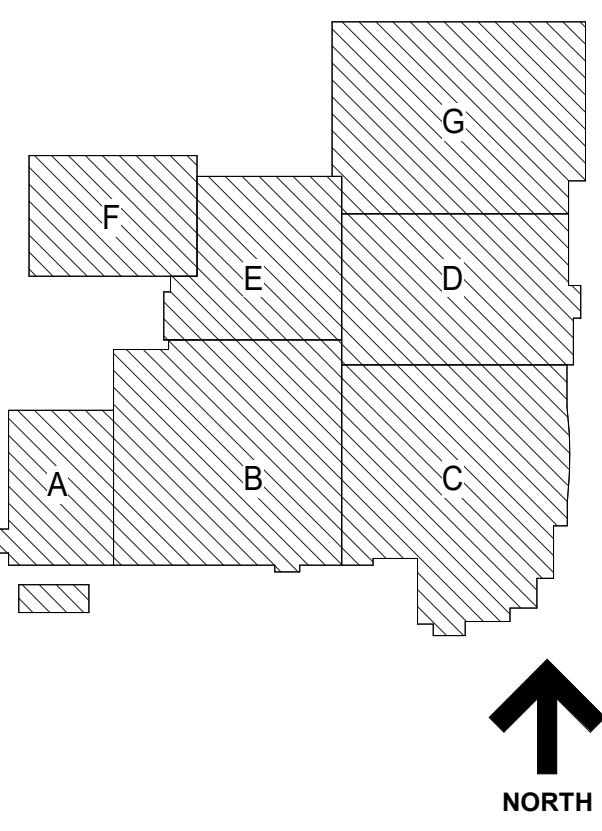
4436 MAIN STREET
DOWNERS GROVE, IL 60515

NON-TYPICAL SECTIONS AND DETAILS

Project Number:
5274-42
Drawn By:
I.K.
Sheet:

S3.7c

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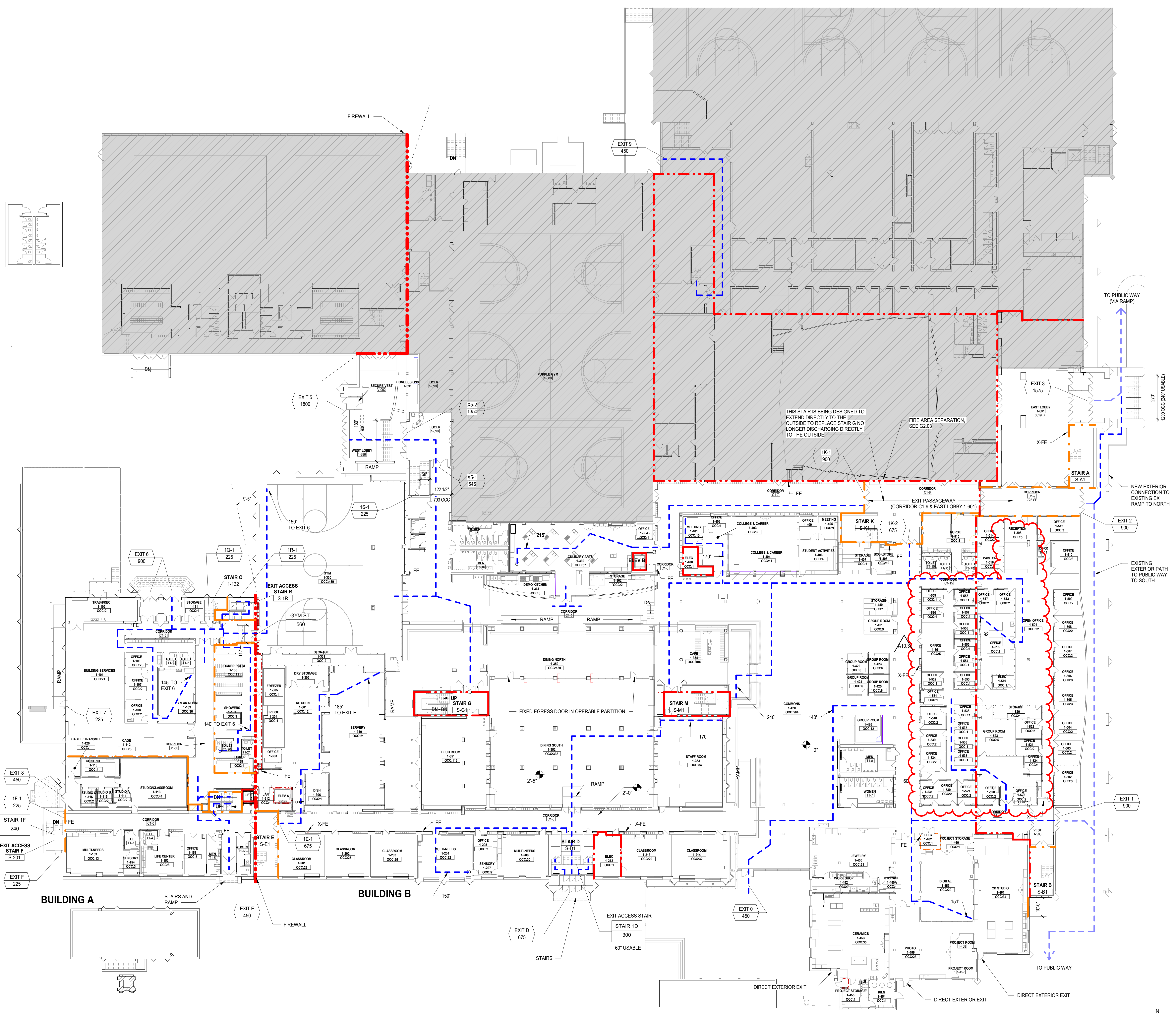


LIFE SAFETY LEGEND	
	NO CHANGE TO EXISTING LIFE SAFETY ELEMENTS (EXCEPT FIRE ALARM UPGRADES)
	ROOM TAG (CALCULATED OCCUPANCY)
	DOOR TAG (0.15 / OCC (SPRINKLERED))
	STAIR TAG (2' / OCC (SPRINKLERED))
	MAXIMUM LENGTH EXIT ACCESS ROUTE
	BUILDING STORY SEPARATION - SEE CODE SUMMARY ON G0.03
	1 HOUR SEPARATION ASSEMBLY
	2 HOUR SEPARATION ASSEMBLY
	AREA OF RESCUE ASSISTANCE
	FIRE EXTINGUISHER - SEE PLAN FOR TYPE

NOTES
1) NOT ALL EXISTING RATED CONSTRUCTION SHOWN HERE - ONLY THOSE AFFECTING NEW WORK. FOR ALL EXISTING WALLS NOTED AS RATED CONTRACTOR SHALL FIRESTOP ALL NEW AND EXISTING PENETRATIONS PER FIRESTOP MATRIX ON G0.02.

LEVEL 1 OCCUPANCY SCHEDULE - BLDG A				
ROOM NAME	NO.	NET AREA	LOAD FACTOR	OCCUPANCY CALC
BUILDING SERVICES	1-101	2028 SF	100	21
OFFICE	1-106	107 SF	100	2
OFFICE	1-107	154 SF	100	2
OFFICE	1-108	129 SF	100	2
BREAK ROOM	1-109	533 SF	15	36
STUDIO/CLASSROOM	1-113	867 SF	20	44
LOCKER ROOM	1-130	513 SF	50	11
SHOWERS	1-131	434 SF	50	9
OFFICE	1-151	221 SF	100	3
MULTI-NEEDS	1-153	616 SF	50	13
Grand Total:	10	143		143

LEVEL 1 OCCUPANCY SCHEDULE - BLDG B				
ROOM NAME	NO.	NET AREA	LOAD FACTOR	OCCUPANCY CALC
CLASSROOM	1-201	516 SF	20	26
CLASSROOM	1-202	488 SF	20	25
CLASSROOM	1-203	497 SF	20	25
MULTI-NEEDS	1-204	625 SF	20	32
OFFICE	1-205	172 SF	100	2
OFFICE	1-207	85 SF	20	5
MULTI-NEEDS	1-208	580 SF	20	30
STOR	1-209	32 SF	300	1
STOR	1-210	32 SF	300	1
ELEC	1-212	284 SF	300	1
CLASSROOM	1-213	864 SF	20	29
CLASSROOM	1-214	603 SF	20	28
KITCHEN	1-215	2918 SF	100	12
FRIDGE	1-304	224 SF	300	1
FRIDGE	1-300	203 SF	300	1
SERVARY	1-310	2918 SF	100	21
DINING NORTH	1-350	1943 SF	15	130
CLUB ROOM	1-351	1663 SF	15	113
DINING SOUTH	1-352	3696 SF	15	338
STAFF ROOM	1-353	1667 SF	20	84
CAFE	1-354	1399 SF	15	94
CULINARY ARTS	1-360	1545 SF	50	37
DEMO KITCHEN	1-361	359 SF	50	8
STORAGE	1-362	318 SF	300	2
OFFICE	1-364	62 SF	100	1
ELEC	1-400	141 SF	300	1
MEETING	1-401	148 SF	15	10
OFFICE	1-402	115 SF	300	1
COLLEGE & CAREER	1-403	269 SF	100	3
COLLEGE & CAREER	1-404	1046 SF	100	11
MEETING	1-405	124 SF	15	9
STUDENT ACTIVITIES	1-406	207 SF	100	4
STORAGE	1-407	264 SF	300	1
BOOKSTORE	1-408	194 SF	20	10
COMMONS	1-409	8446 SF	15	564
GROUP ROOM	1-422	115 SF	20	6
GROUP ROOM	1-423	115 SF	20	6
GROUP ROOM	1-425	115 SF	20	6
GROUP ROOM	1-426	223 SF	20	12
JAC	1-430	29 SF	300	1
STORAGE	1-440	149 SF	300	1
JEWELRY	1-450	1948 SF	50	21
STORAGE	1-454	89 SF	300	1
WORK SHOP	1-452	304 SF	50	7
CERAMICS	1-453	1721 SF	50	35
K&N	1-454	175 SF	300	1
PROJECT STORAGE	1-455	148 SF	300	1
PHOTO	1-456	1136 SF	50	23
PROJECT ROOM	1-457	131 SF	20	7
PROJECT ROOM	1-458	138 SF	20	7
DIGITAL	1-459	975 SF	50	20
PROJECT STORAGE	1-460	135 SF	300	1
2D STUDIO	1-461	1671 SF	50	34
ELEC	1-462	80 SF	300	1
OPEN OFFICE	1-801	2141 SF	100	22
OFFICE	1-802	262 SF	100	3
OFFICE	1-803	171 SF	100	2
OFFICE	1-804	190 SF	100	2
OFFICE	1-805	203 SF	100	2
OFFICE	1-806	204 SF	100	2
OFFICE	1-807	203 SF	100	2
OFFICE	1-808	186 SF	100	2
OFFICE	1-809	174 SF	100	2
OFFICE	1-810	239 SF	100	3
CORR	1-811	52 SF	100	1
OFFICE	1-812	272 SF	100	3
OFFICE	1-814	280 SF	100	3
NURSE	1-815	585 SF	100	6
PASTOR	1-816	90 SF	300	1
OFFICE	1-817	111 SF	100	2
OFFICE	1-818	856 SF	100	7
ELEC	1-819	76 SF	100	1
STOR/DF	1-820	166 SF	300	1
OFFICE	1-821	111 SF	100	2
OFFICE	1-822	131 SF	100	2
GROUP ROOM	1-823	426 SF	100	5
OFFICE	1-824	85 SF	100	1
OFFICE	1-825	134 SF	100	2
OFFICE	1-826	485 SF	100	5
CORRIDOR	1-827	103 SF	100	2
OFFICE	1-828	103 SF	100	2
OFFICE	1-829	116 SF	100	2
OFFICE	1-830	116 SF	100	2
OFFICE	1-831	116 SF	100	2
STORAGE	1-832	13 SF	300	1
OFFICE	1-834	134 SF	100	2
OFFICE	1-835	77 SF	100	1
OFFICE	1-836	76 SF	100	1
OFFICE	1-837	77 SF	100	1
OFFICE	1-838	76 SF	100	1
OFFICE	1-839	145 SF	100	2
CORRIDOR	1-850	134 SF	100	2
OFFICE	1-851	89 SF	100	1
OFFICE	1-852	90 SF	100	1
OFFICE	1-853	89 SF	100	1
OFFICE	1-854	88 SF	100	1
OFFICE	1-855	90 SF	100	1
CORRIDOR	1-856	82 SF	100	1
OFFICE	1-856	88 SF	100	1
OFFICE	1-857	90 SF	100	1
OFFICE	1-858	90 SF	100	1
OFFICE	1-859	91 SF	100	1
OFFICE	1-860	90 SF	100	1
OFFICE	1-861	428 SF	100	5
STORAGE	1-803	294 SF	300	1
MECH	1-807	111 SF	300	1
Grand Total:	197			1983



1 LEVEL 1 LIFE SAFETY PLAN
SCALE: 1" = 20'-0"

LEVEL 1 EXIT SUMMARY		
EXIT	EXIT CAPACITY	REMARKS
BUILDING A		
EXIT E	450	
STAIR F	225	
EXIT F	900	
TOTAL EXIT CAPACITY	1575	
BUILDING B		
EXIT D	300 LIMITING COMPONENT - STAIR 1D	
EXIT E	450	
EXIT D	450	
EXIT 1	900	
EXIT 2	900	
EXIT 5	450 LIMITING COMPONENT - DOOR [XS-1]	
TOTAL EXIT CAPACITY	3450	
NOTE: 1999 wing included due to modifications to existing configuration		

REV	ISSUE	DATE
A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
	ISSUED FOR CONSTRUCTION - PHASE B	07.26.2019
	ISSUED FOR CONSTRUCTION - PHASE A	05.08.2019

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

LIFE SAFETY PLAN - LEVEL 1

Project Number:
5274-42
Drawn By:
CW
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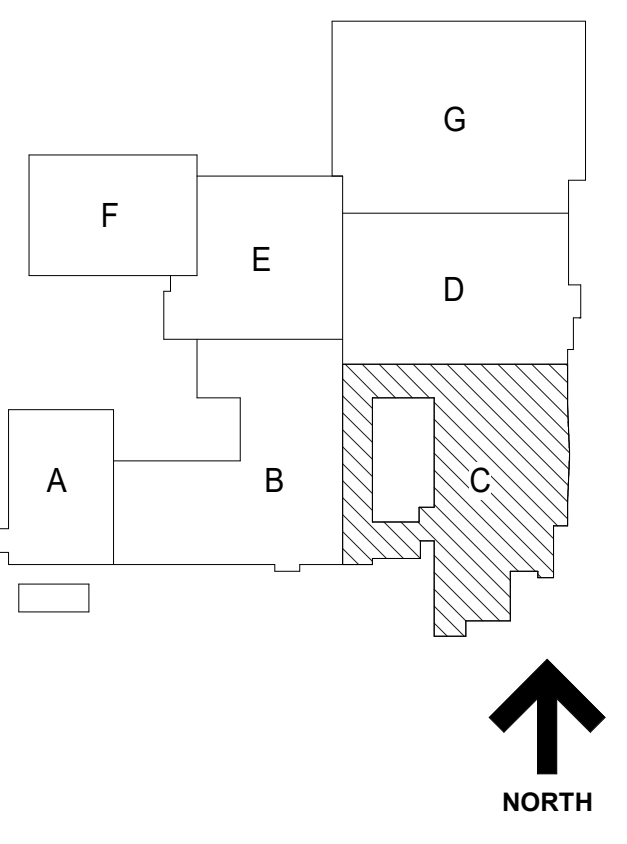
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GENERAL NOTES

1. ALL UTILITIES SERVING THE DEMOLISHED STRUCTURES (INCLUDING BUT NOT LIMITED TO ELECTRIC, GAS, WATER, SANITARY DRAINAGE, AND STORM DRAINAGE) SHALL BE TERMINATED AS REQUIRED TO FACILITATE THE BUILDING DEMOLITION. ENSURE THAT ALL EXISTING UTILITIES SERVING THE MAIN BUILDING AND EXISTING SITE ARE MAINTAINED THROUGHOUT CONSTRUCTION.
2. MAINTAIN EXCAVATION CLEARANCE AS TO NOT INTERFERE WITH BEARING CONDITIONS OF EXISTING FOOTINGS AND FOUNDATIONS. OR PROVIDE ENGINEER UNDERPINNING OR SHORING AS NECESSARY TO MAINTAIN BEARING CONDITIONS OF EXISTING FOOTINGS AND FOUNDATIONS.
3. THE SCHOOL BUILDING WILL BE OCCUPIED DURING THE CONSTRUCTION PERIOD. EMERGE FROM THE MAIN BUILDING SHALL BE MAINTAINED. COORDINATE LAYOUT OF CONSTRUCTION FENCING WITH ALL ACCESS ROUTES, DELIVERIES, AND WORKING HOURS WITH THE OWNER.
4. THE CONTRACTOR SHALL REVIEW WITH THE CONSTRUCTION MANAGER. ALL MATERIALS AND EQUIPMENT TO BE REMOVED FROM THE SITE TO DETERMINE WHICH IF ANY OF THE MATERIALS ARE TO BE RETURNED TO THE OWNER.
5. ANY ASBESTOS CONTAINING MATERIALS ENCOUNTERED SHALL BE REPORTED TO THE CONSTRUCTION MANAGER. IF ANY ASBESTOS REMOVAL IS REQUIRED, THAT WORK SHALL BE PERFORMED BY A LICENSED FIRM SPECIALIZING IN THAT WORK.
6. PERFORM ALL CUTTING AND RESTORATION WORK IN WALLS, ROOFS, AND SURFACES THAT HAVE TO BE REMOVED TO PERMIT DEMOLITION WORK AND MATERIAL REMOVAL TO TAKE PLACE.
7. FOR ALL EXISTING STRUCTURE IDENTIFIED TO BE REMOVED (INCLUDING OPENINGS), PRIOR TO DEMOLITION, COORDINATE REQUIRED REINFORCEMENT OF THE EXISTING STRUCTURE AND REQUIRED SHORING WITH THE STRUCTURAL DRAWINGS.
8. INSTALLING CONTRACTORS SHALL SUBMIT ELEVATED FLOOR PLANS INDICATING ALL FLOOR PENETRATION SIZES AND LOCATIONS FOR STRUCTURAL ENGINEER REVIEW. ENGINEER APPROVAL IS REQUIRED PRIOR TO THE START OF CORING ACTIVITIES. COORDINATE THE TIMING OF THE SUBMITTAL ACCORDINGLY. LOCATE AND AVOID DAMAGE TO EXISTING REINFORCEMENT PRIOR TO CORING OR CUTTING.

FLOOR PLAN LEGEND

- WALLS TO REMAIN.
- WALLS TO BE DEMOLISHED. EXISTING WALLS ARE MASONRY CONSTRUCTION UNLESS NOTED OTHERWISE.
- DOOR TO REMAIN. REFER DOOR SCHEDULE FOR REQUIRED MODIFICATIONS.
- DOOR TO BE DEMOLISHED.
- COMPLETE INTERIOR DEMO. REMOVE ALL PARTITIONS, FINISH FLOORING, DEVICES, PLUMBING FIXTURES, CASEWORK, WALL BASE, WALL TRIM, DOORS, FLOORING, CEILING, AND LIGHTING IN PREPARATION FOR NEW BUILD-OUT OF THIS AREA.
- DEMO ENTIRE BUILDING.
- HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNO.

DEMOLITION KEY NOTES

- D1 REMOVE WINDOW AND PREPARE OPENING FOR NEW WALL INFILL AS INDICATED ON THE NEW WORK PLANS.
- D2 REMOVE DOOR AND PREPARE OPENING FOR NEW WALL INFILL AS INDICATED ON THE NEW WORK PLANS.
- D3 NEW OPENING IN EXISTING MASONRY WALL FOR NEW DOOR OR WINDOW. PROVIDE NEW Lintel AS INDICATED ON THE STRUCTURAL DRAWINGS. FOR OPENINGS THAT EXTEND DOWN TO THE EXISTING SLAB. REMOVE PORTION OF EXISTING SLAB TO ALLOW FOR FLOOR LEVELER INSTALLATION FLUSH TO ADJACENT SLABS.
- D15 REMOVE DOOR AND PREPARE OPENING FOR NEW DOOR IN EXISTING OPENING.
- D21 REMOVE WINDOW AND PREPARE OPENING FOR NEW WINDOW IN EXISTING OPENING.
- D22 NEW OPENING IN EXISTING MASONRY WALL. PROVIDE NEW Lintel AS SCHEDULED ON THE STRUCTURAL DRAWINGS.
- D31 REFER TO INTERIOR ELEVATIONS FOR EXTENT OF COURTYARD DEMOLITION.
- D32 REMOVE MASONRY WALLS AND WINDOWS TO HEIGHT SHOWN ON DEMOLITION ELEVATIONS.
- D33 REMOVE WINDOWS AND PREPARE FOR REPLACEMENT.
- D34 DEMOLISH SINGLE STORY ELECTRICAL MECHANICAL ROOM.
- D35 DEMOLISH ELEVATOR HOISTWAY ENCLOSURE AND ELEVATOR.
- D38 REMOVE FINISH FLOORING IN THIS ROOM.
- D44 CHIP EXISTING SLAB MINIMUM OF 1/2" DEEP FOR NEW TILE. FINISH FLUSH WITH EXISTING ADJACENT FLOOR FINISH.



1 LEVEL 1 DEMOLITION PLAN - AREA C
SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

A10.3 BID GROUP 10 - ADDENDUM #3	01.15.2020
ISSUED FOR BID - BID GROUP 10	11.19.2019
ISSUED FOR 90% CD - PHASE C	11.01.2019
ISSUED FOR 75% CD - PHASE C	10.14.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
ISSUED FOR 100% CD - PHASE C	07.12.2019
REV	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
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DEMOLITION PLAN - LEVEL 1 AREA C

Project Number:
5274-42
Drawn By:
Author
Sheet:

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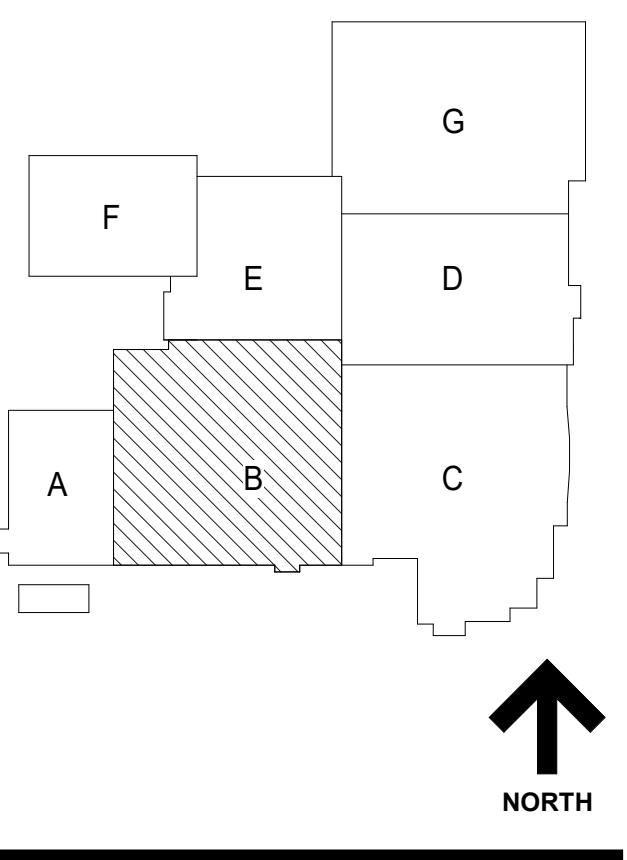
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GENERAL NOTES

- REFER TO SHEET 00.2 FOR TYPICAL FOURTEEN MOUNTING HEIGHTS AND ADA COMPLIANT PLANS, ELEVATIONS, AND DETAILS.
- REFER TO X2 SERIES FOR OVERALL ARCHITECTURAL FLOOR PLANS AND FINISHING PLANS.
- NEW SLEEVES AND OPENINGS IN FIRE RATED FLOOR, WALL & CEILING CONSTRUCTION ARE TO BE SEALED WITH FIRE SAFETY MATERIAL. REFER TO 01 SERIES LIFE SAFETY DRAWINGS FOR LOCATION OF RATED CONSTRUCTION.
- NEW SLEEVES AND OPENINGS IN ACoustICAL SEPARATION WALLS AND FLOORS SHALL BE SEALED PER DETAILS ON AC SERIES SHEETS.
- FOR MASONRY WALL PATCHING, TOOTH-IN COURSING INTO EXISTING MASONRY.
- ALL MISC ITEMS (CHALKBOARDS, PENCIL SHARPENERS, ETC) THAT INTERFERE WITH THE COMPLETION OF CONTRACT WORK ARE TO BE REINSTALLED AT NO ADDITIONAL COST TO THE OWNER. COORDINATE LOCATIONS WITH ARCHITECT.
- ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELED TO MATCH EXISTING ADJACENT SURFACE.
- REFER TO 12 SERIES FOR OWNER PROVIDED FTE THAT REQUIRES BLOCKING OR OTHER CONTRACT WORK.
- REFER TO A6 SERIES FOR CASEWORK PLANS AND ELEVATIONS (INCLUDING THOSE NOT TAGGED HERE).
- DELIMITATION OF BID GROUPS PROVIDED FOR BIDDER REFERENCE - CONFIRM FULL SCOPE OF WORK WITH THE CONSTRUCTION MANAGER, INCLUDING INCIDENTAL WORK NOT SHOWN HERE.

GENERAL NOTES - WALL PLACEMENT & DIMENSIONS

- ALL DIMENSIONS ARE TO OUTSIDE FACE OF WALL MATERIAL (GYPSUM BOARD OR MASONRY) UNLESS NOTED OTHERWISE.

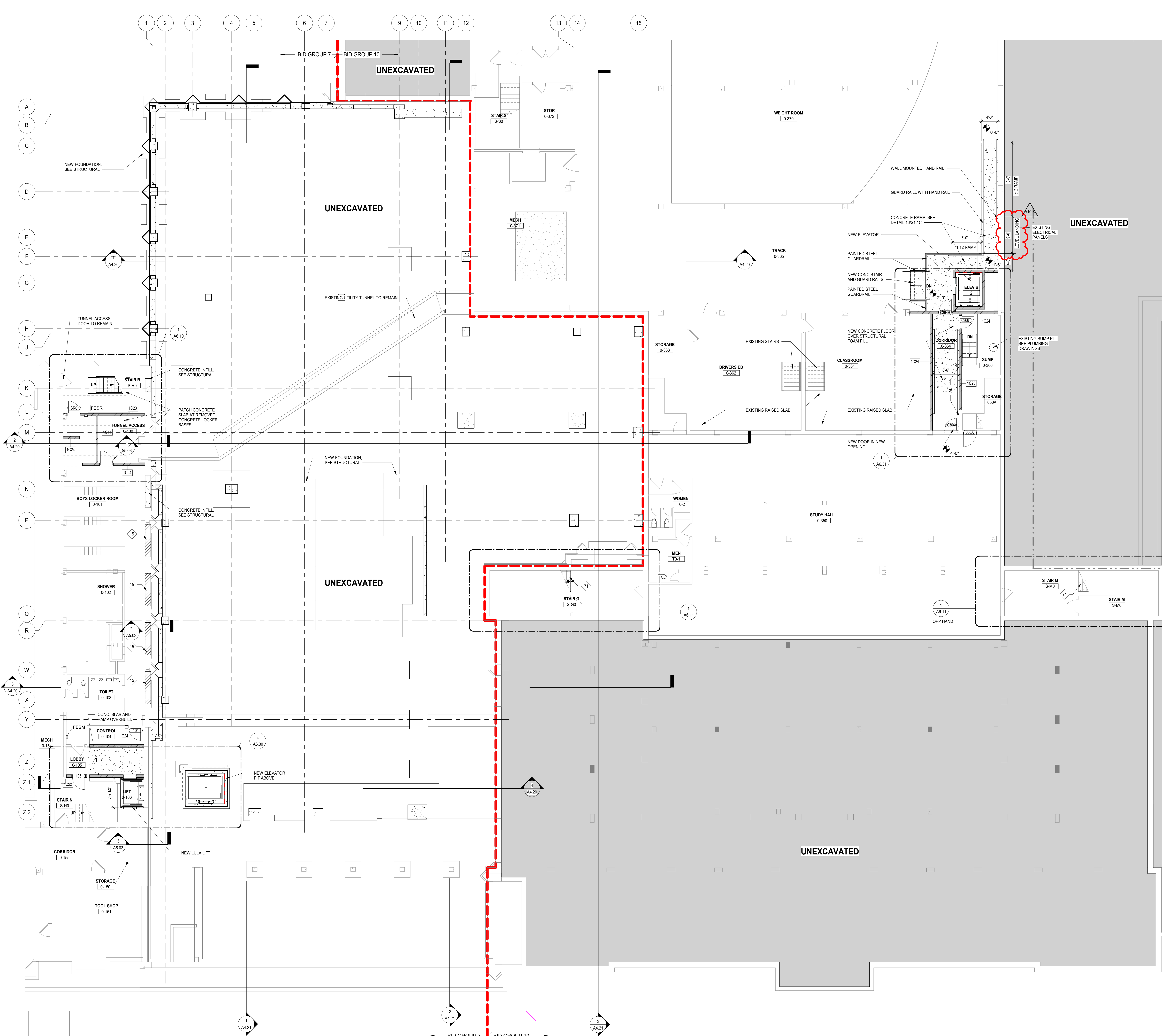
(DIMENSION) HOLD	DIMENSION IS CRITICAL. HOLD DIMENSION FACE TO FACE OF WALL.
++(DIMENSION)	DIMENSION IS NOT CRITICAL. WALL PLACED AT REMAINDER OF DIMENSION STRING.
(DIMENSION) CL	DIMENSION TO STRUCTURAL COLUMN CENTERLINE ALONG FACES OF WALL.

FLOOR PLAN LEGEND

	EXISTING WALL
	NEW WALL WITH TAG
	NEW DOOR & HARDWARE
	EXISTING DOOR TO REMAIN
	PARTITION TYPE REFER TO A6 SERIES SHEETS
	WINDOW TYPE REFER TO A6 SERIES SHEETS
	DOOR TAG REFER TO SHEET A6 SERIES SHEETS
	FIRE EXTINGUISHER CABINET SEMI RECESSED
	FIRE EXTINGUISHER CABINET SURFACE MOUNT
	FIRE EXTINGUISHER ON BRACKETS
	MARKER BOARD
	TACK BOARD
	HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNDO

KEYNOTES

- 15 INWALL WALL OPENING WITH MASONRY OF CONSTRUCTION TO MATCH ADJACENT WALLS.
- 71 STAIR GUARDRAIL MODIFICATIONS. SEE SHEET A6.11.



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

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A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
27	DOC MOD 27	12.21.2019
A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
	ISSUED FOR CONSTRUCTION - PHASE B	07.26.2019

MFP
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NORTH

4436 MAIN STREET
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FLOOR PLAN - LOWER
LEVEL AREA B

Project Number:
5274-42
Drawn By:
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Sheet:

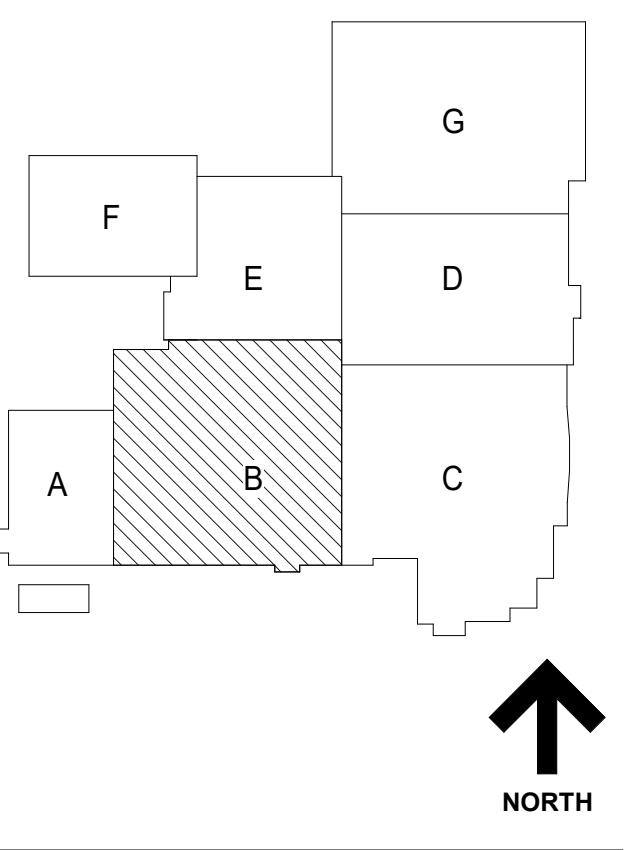
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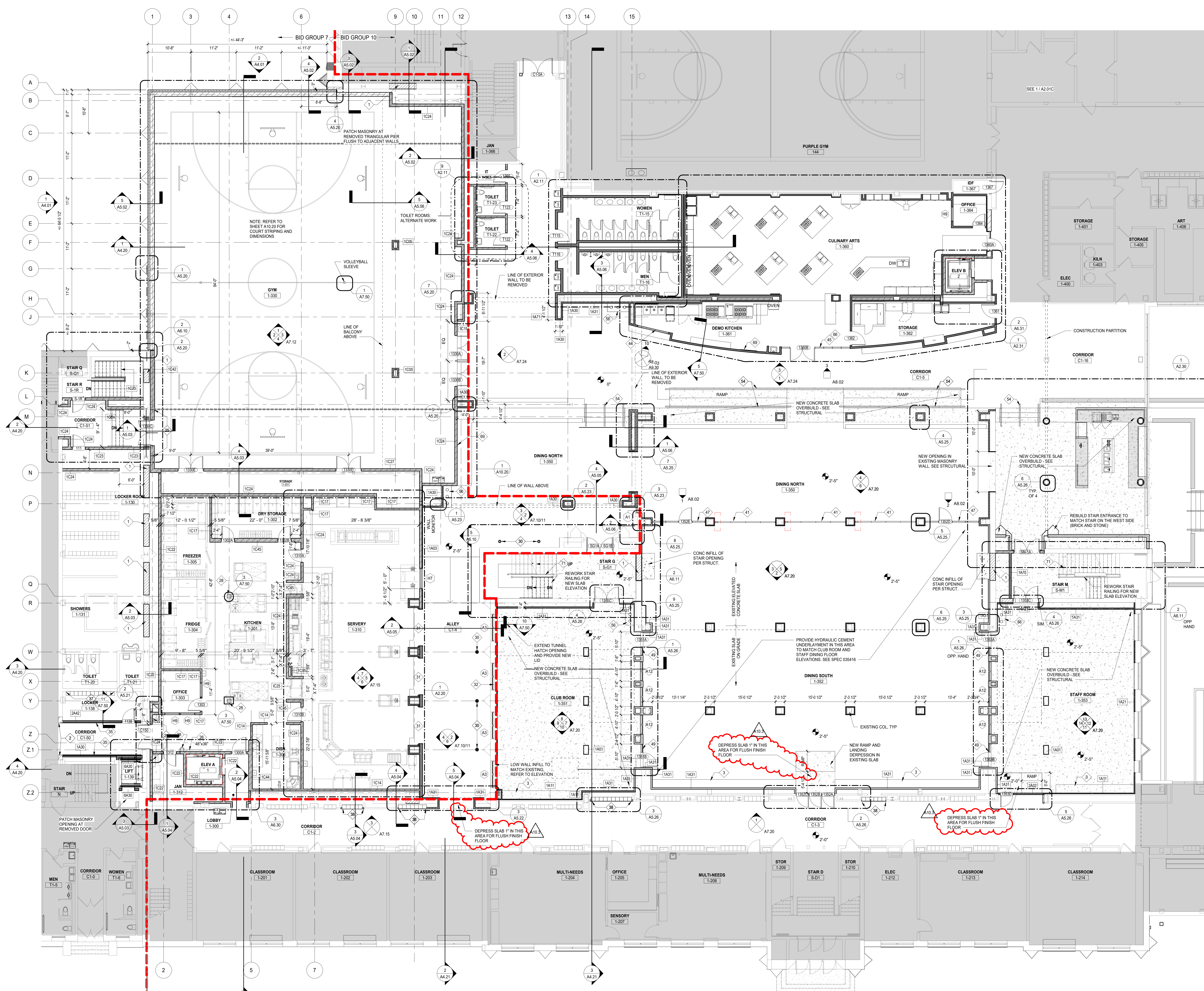
COMMUNITY HIGH SCHOOL
DISTRICT 99

Wight

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Danier, IL 60561
P 630.969.7000
F 630.969.7979



- GENERAL NOTES**
- REFER TO SHEET G0.2 FOR TYPICAL FOURTE MOUNTING HEIGHTS AND ADA COMPLIANT PLANS, ELEVATIONS, AND DETAILS.
 - REFER TO X2 SERIES FOR OVERALL ARCHITECTURAL FLOOR PLANS AND FINISHING PLANS.
 - NEW SLEEVES AND OPENINGS IN FIRE RATED FLOOR, WALL & CEILING CONSTRUCTION ARE TO BE SEALED WITH FIRE SAFETY MATERIAL. REFER TO 01 SERIES LIFE SAFETY DRAWINGS FOR LOCATION OF RATED CONSTRUCTION.
 - NEW SLEEVES AND OPENINGS IN ACoustICAL SEPARATION WALLS AND FLOORS SHALL BE SEALED PER DETAILS ON AC SERIES SHEETS.
 - FOR MASONRY WALL PATCHING, TOOTH-IN COURSING INTO EXISTING MASONRY.
 - ALL MISC ITEMS (CHALKBOARDS, PENCIL SHARPENERS, ETC) THAT INTERFERE WITH THE COMPLETION OF CONTRACT WORK ARE TO BE REINSTALLED AT NO ADDITIONAL COST TO THE OWNER. COORDINATE LOCATIONS WITH ARCHITECT.
 - ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELED TO MATCH EXISTING ADJACENT SURFACE.
 - REFER TO A12 SERIES FOR OWNER PROVIDED FTE THAT REQUIRES BLOCKING OR OTHER CONTRACT WORK. INCLUDING THOSE NOT TAGGED HERE.
 - REFER TO A4 SERIES FOR CASEWORK PLANS AND ELEVATIONS (INCLUDING THOSE NOT TAGGED HERE).
 - DELINEATION OF BID GROUPS PROVIDED FOR BIDDER REFERENCE - CONFIRM FULL SCOPE OF WORK WITH THE CONSTRUCTION MANAGER, INCLUDING INCIDENTAL WORK NOT SHOWN HERE.
- GENERAL NOTES - WALL PLACEMENT & DIMENSIONS**
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF WALL MATERIAL (GYPSUM BOARD OR MASONRY) UNLESS NOTED OTHERWISE.
- (DIMENSION) HOLD**
DIMENSION IS CRITICAL HOLD DIMENSION FACE TO FACE OF WALL
- ++ (DIMENSION)**
DIMENSION IS NOT CRITICAL. WALL PLACED AT REMAINDER OF DIMENSION STRING
- (DIMENSION) CL**
DIMENSION TO STRUCTURAL COLUMN CENTERLINE ALIGN FACES OF WALL
- FLOOR PLAN LEGEND**
- EXISTING WALL
 - NEW WALL WITH TAG
 - NEW DOOR & HARDWARE
 - EXISTING DOOR TO REMAIN
 - PARTITION TYPE REFER TO AS SERIES SHEETS
 - WINDOW TYPE REFER TO AS SERIES SHEETS
 - DOOR TAG REFER TO SHEET AS SERIES SHEETS
 - FESR FIRE EXTINGUISHER CABINET SEMI RECESSED
 - FESM FIRE EXTINGUISHER CABINET SURFACE MOUNT
 - FE FIRE EXTINGUISHER ON BRACKETS
 - M.B. MARKER BOARD
 - T.B. TACK BOARD
 - HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNDO
- KEYNOTES**
- INFILL WALL OPENING WITH MASONRY EQUAL IN SIZE AND COURSING TO ADJACENT WALLS. TOOTH NEW MASONRY INTO EXISTING.
 - NEW OPENING IN EXISTING MASONRY WALL. PATCH JAMBS WITH MASONRY EQUAL IN SIZE AND COURSING TO ADJACENT WALLS.
 - NEW CASEWORK. SEE AS SERIES DRAWINGS.
 - FIRE RATED DOOR IN ISOLATED FIRE WALL. SEE STRUCTURAL DRAWINGS AND ARCH DETAILS.
 - LOCKABLE WALL DISPLAY CASE WITH GLASS FRONT. SIZE AS NOTED. SEE SPECIFICATION 151200.
 - COLUMN WRAPPED WITH STAINLESS STEEL SHEET ENCLOSURE FROM FLOOR SLAB TO 6" ABOVE CEILING.
 - IN GROUND LIGHT FIXTURES - REFER TO ELECTRICAL DRAWINGS.
 - OVERHEAD COILING GRILLE PER SPECIFICATION 093226.
 - NEW WINDOW IN EXISTING OPENING. TYP. THIS WALL PROVIDE TILE BACKER BOARD WITH 2" CMU SOAK ON FACE OF THIS WALL ANCHORED WITH CORRUGATED TIES.
 - NEW 12" X 12" X 6" METAL LOCKERS WITH SLOPED TOP, METAL BASE, AND FILLERS AGAINST WALL AS REQUIRED.
 - NEW 12" X 12" X 6" METAL LOCKERS, RECESSED IN WALL WITH FOLDING GLASS PANEL PARTITION WITH FROSTED ETCHED BAND PER SPECIFICATION 102239 13.
 - GLASS PARTITION - 2" HOLLOW METAL FRAME PER SPECIFICATION 081113, FIELD PAINTED.
 - GLASS PARTITION - 1" HOLLOW METAL FRAME WITH WOOD GRAIN APPLIED FINISH PER SPECIFICATION 084129.
 - GLASS PARTITION - 2" ALUMINUM STOREFRONT PER SPECIFICATION 084113.
 - STEEL RAILING PER DETAIL.
 - NEW MILLWORK. SEE AS SERIES DRAWINGS.
 - CUSTOM FULL HEIGHT PRESSURE APPLIED VINYL GRAPHIC.
 - TV MONITOR - COORD. HEIGHT WITH ARCHITECT IN FIELD.
 - STAIR GUARDRAIL MODIFICATIONS. SEE SHEET A6.11.



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28	DOC MOD 28	01.15.2020
A10.3	BID GROUP 10 - ADDENDUM #3	12.21.2019
27	DOC MOD 27	11.19.2019
23	DOC MOD 23	11.19.2019
22	ISSUED FOR BID - BID GROUP 10	11.01.2019
16	ISSUED FOR 75% CD - PHASE C	10.14.2019
15	DOC MOD 16	09.16.2019
15	DOC MOD 15	09.05.2019
16	ISSUED FOR 25% CD - PHASE C	08.30.2019
15	ISSUED FOR CONSTRUCTION - PHASE B	07.26.2019
A.7.2	BID GROUP 7 - ADDENDUM #2	07.16.2019
	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

FLOOR PLAN - LEVEL 1 AREA B (PHASE B)

Project Number:
5274-42
Drawn By:
DS
Sheet:

A2.01B.b

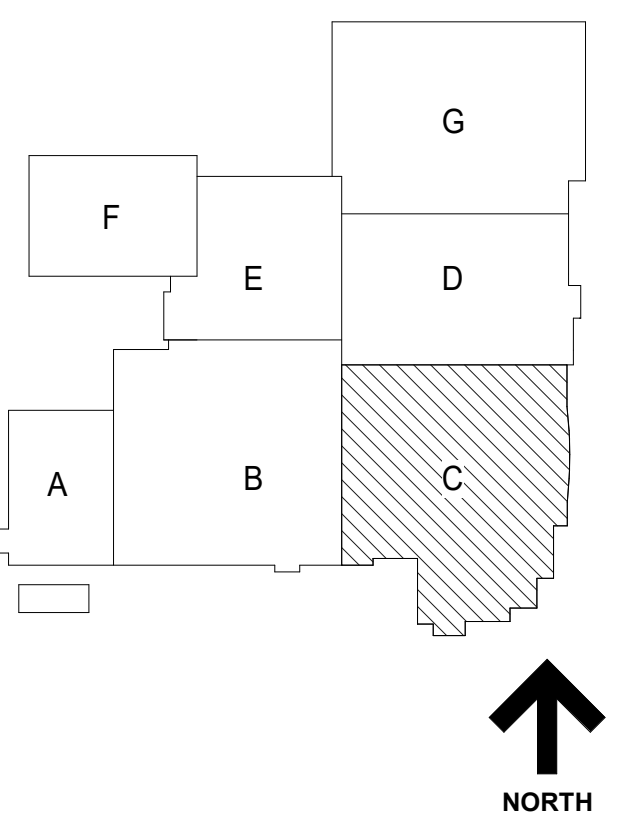
1 LEVEL 1 FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"



COMMUNITY HIGH SCHOOL
DISTRICT 99

Wight

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wightco.com
2500 North Frontage Road
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P 630.969.7000
F 630.969.7979



GENERAL NOTES

- REFER TO SHEET 00.2 FOR TYPICAL FOITRE MOUNTING HEIGHTS AND ADA COMPLIANT PLANS, ELEVATIONS, AND DETAILS.
- REFER TO X SERIES FOR OVERALL ARCHITECTURAL FLOOR PLANS AND FINISHING PLANS.
- NEW SLEEVES AND OPENINGS IN FIRE RATED FLOOR WALL & CEILING CONSTRUCTION ARE TO BE SEALED WITH FIRE SAFETY MATERIAL. REFER TO G SERIES FOR SAFETY DRAWINGS FOR LOCATION OF RATED CONSTRUCTION.
- NEW SLEEVES AND OPENINGS IN ACoustICAL SEPARATION WALLS AND FLOORS SHALL BE SEALED PER DETAILS ON AC SERIES SHEETS.
- FOR MASONRY WALL PATCHING, TOOTH-IN COURSING INTO EXISTING MASONRY.
- ALL MISC ITEMS (CHALKBOARDS, PENCIL SHARPENERS, ETC) THAT INTERFERE WITH THE COMPLETION OF CONTRACT WORK ARE TO BE REINSTALLED AT NO ADDITIONAL COST TO THE OWNER. COORDINATE LOCATIONS WITH ARCHITECT.
- ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELED TO MATCH EXISTING ADJACENT SURFACE.
- REFER TO I2 SERIES FOR OWNER PROVIDED FTE THAT REQUIRES BLOCKING OR OTHER CONTRACT WORK.
- REFER TO A4 SERIES FOR CASEWORK PLANS AND ELEVATIONS (INCLUDING THOSE NOT TAGGED HERE).
- DELINEATION OF BID GROUPS PROVIDED FOR BIDDER REFERENCE - CONFIRM FULL SCOPE OF WORK WITH THE CONSTRUCTION MANAGER, INCLUDING INCIDENTAL WORK NOT SHOWN HERE.

GENERAL NOTES - WALL PLACEMENT & DIMENSIONS

- ALL DIMENSIONS ARE TO OUTSIDE FACE OF WALL MATERIAL (GYPSUM BOARD OR MASONRY) UNLESS NOTED OTHERWISE.

(DIMENSION) HOLD DIMENSION IS CRITICAL. HOLD DIMENSION FACE TO FACE OF WALL.

++(DIMENSION) DIMENSION IS NOT CRITICAL. WALL PLACED AT REMAINDER OF DIMENSION STRING.

(DIMENSION) CL DIMENSION TO STRUCTURAL COLUMN CENTERLINE. ALIGN FACES OF WALL.

FLOOR PLAN LEGEND

- NEW WALL WITH TAG
- NEW DOOR & HARDWARE
- EXISTING DOOR TO REMAIN
- PARTITION TYPE REFER TO A8 SERIES SHEETS
- WINDOW TYPE REFER TO A8 SERIES SHEETS
- DOOR TAG REFER TO A8 SERIES SHEETS
- FESR FIRE EXTINGUISHER CABINET SEMI RECESSED
- FESM FIRE EXTINGUISHER CABINET SURFACE MOUNT
- FE FIRE EXTINGUISHER ON BRACKETS
- M.B. MARKER BOARD
- T.B. TACK BOARD
- HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNDO

KEYNOTES

- INFILL WALL OPENING WITH MASONRY EQUAL IN SIZE AND COURSING TO ADJACENT WALLS. TOP NEW MASONRY INTO EXISTING.
- SOLID SURFACE SILL SEALED IN PLACE.
- WIRE MESH PARTITIONS AND GATES PER SPECIFICATION 102213.
- NEW WINDOW IN EXISTING OPENING. TYP. THIS WALL NEW 12" X 12" X 6" METAL LOCKERS, RECESSED WALL WITH METAL TRIM AND FILLERS.
- FOLDING GLASS PANEL PARTITION PER SPECIFICATION 102239.13
- GLASS PARTITION - 2" HOLLOW METAL FRAME PER SPECIFICATION 08113. FIELD PAINTED.
- GLASS PARTITION - 1" HOLLOW METAL FRAME PER SPECIFICATION 08113. FIELD PAINTED.
- GLASS PARTITION - 1" WRAPPED ALUMINUM FRAME WITH WOOD GRAIN APPLIED FINISH PER SPECIFICATION 084129.
- GLASS PARTITION - CUSTOM ALUMINUM PIVOT DOOR IN ALUMINUM FRAME. SEE DOOR HARDWARE SPECIFICATION.
- GLASS PARTITION - 2" ALUMINUM STOREFRONT PER SPECIFICATION 084113.
- GLASS PARTITION - CLEAR LAMINATED GLASS IN FRAMELESS PARTITION SYSTEM PER SPECIFICATION 084126.23.
- STEEL RAILING PER DETAIL.
- NEW MILLWORK. SEE A8 SERIES DRAWINGS.
- EXISTING CONCRETE PLANTER TO REMAIN, REFACE W/ NEW CONCRETE.
- CONCRETE PLANTER W/ TEXTURE FORMLINER.
- CONCRETE PODIUM SEATING W/ TEXTURE FORMLINER.
- FIBER REINFORCED COLUMN COVER. SEE SPECIFICATION 092173.
- CUSTOM FULL HEIGHT PRESSURE APPLIED VINYL GRAPHIC FIRE RATED STEEL FRAME ENTRANCE PER SPECIFICATION 084123.13
- PATCH CMU WALL OPENING AT REMOVED DUCTWORK. MATCH EXISTING MATERIAL AND COURSING.
- TV MONITOR - COORD. HEIGHT WITH ARCHITECT IN FIELD. CUSTOM MILLWORK DISPLAY CASE - SEE A8 SERIES DRAWINGS.
- PROVIDE CONTINUOUS TRACK STRIP AROUND ROOM @ 9'-0" A.F.F. SEE ELEVATIONS FOR MORE INFORMATION.

NOT FOR CONSTRUCTION

A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
ISSUED FOR 75% CD - PHASE C 10.14.2019
ISSUED FOR 25% CD - PHASE C 08.30.2019
ISSUED FOR 100% CD - PHASE C 07.12.2019
REV DATE

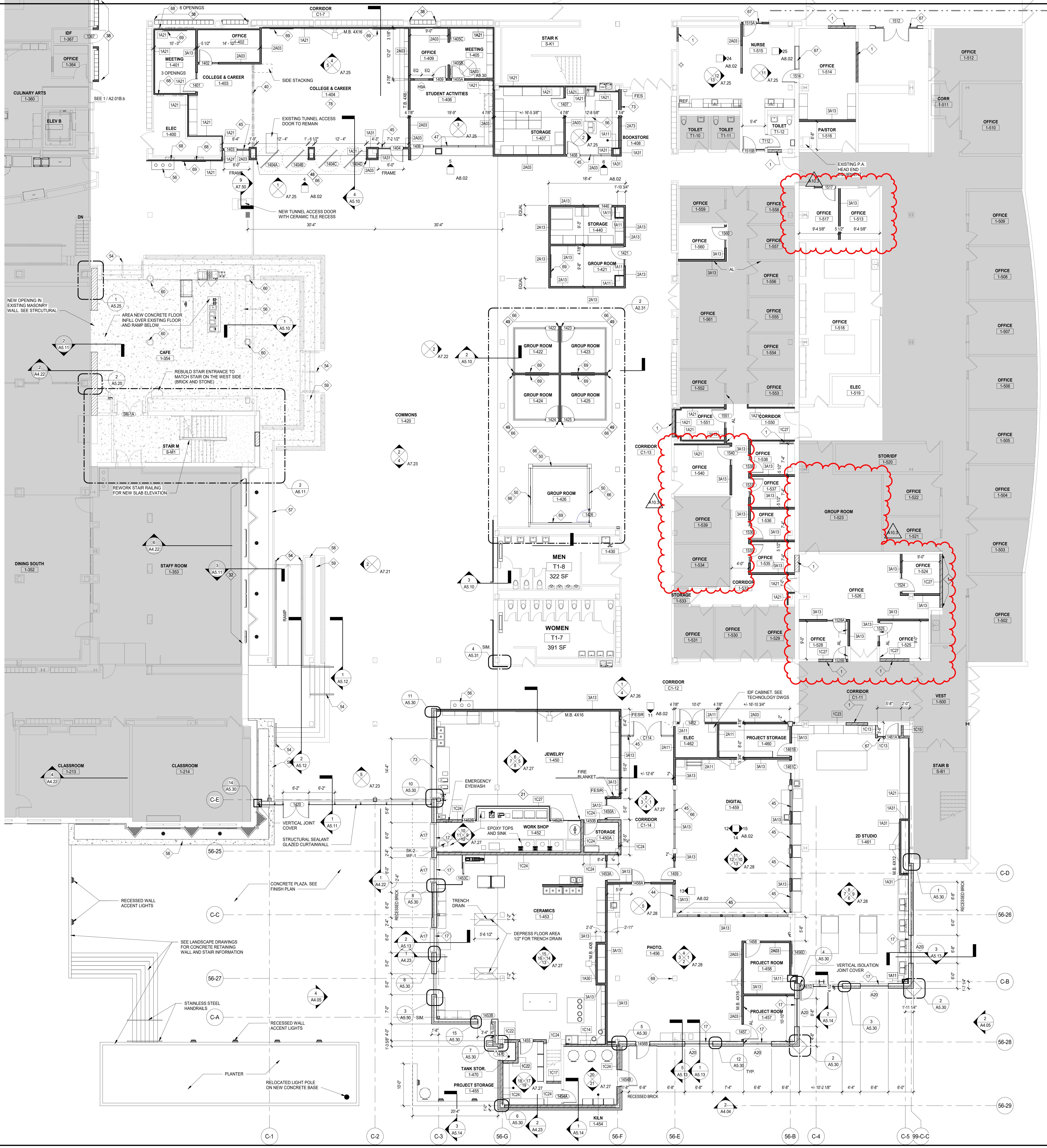
MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**FLOOR PLAN - LEVEL 1
AREA C**

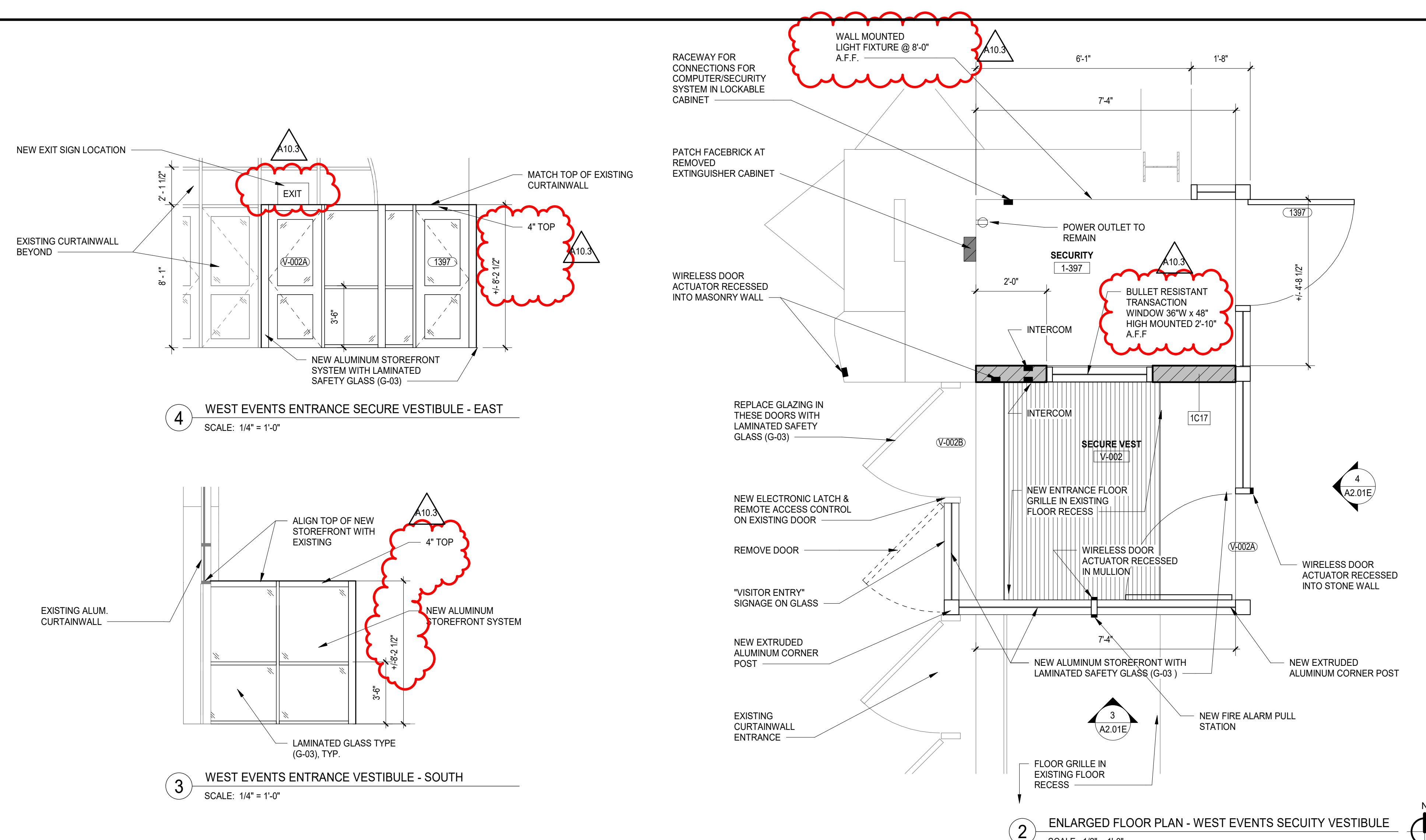
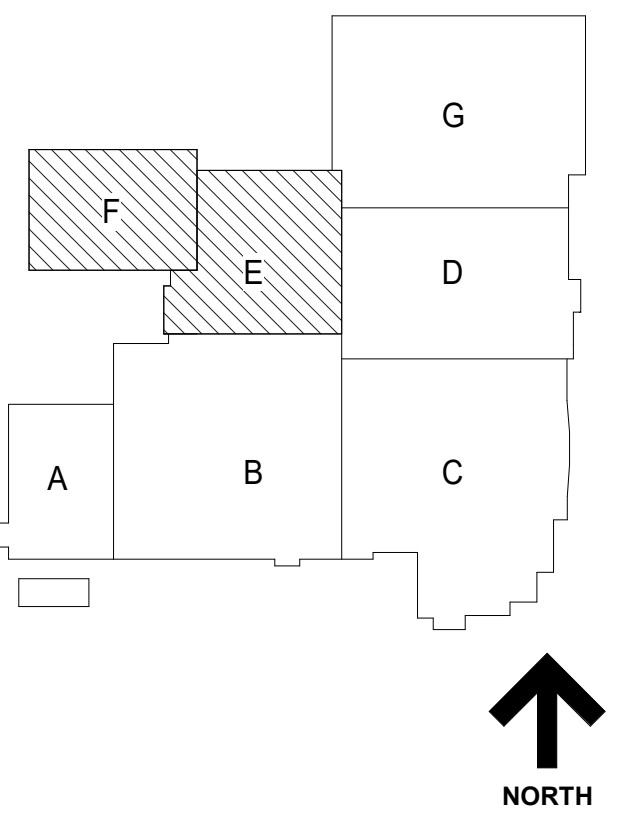
Project Number:
5274-42
Drawn By:
Author
Sheet:

A2.01C

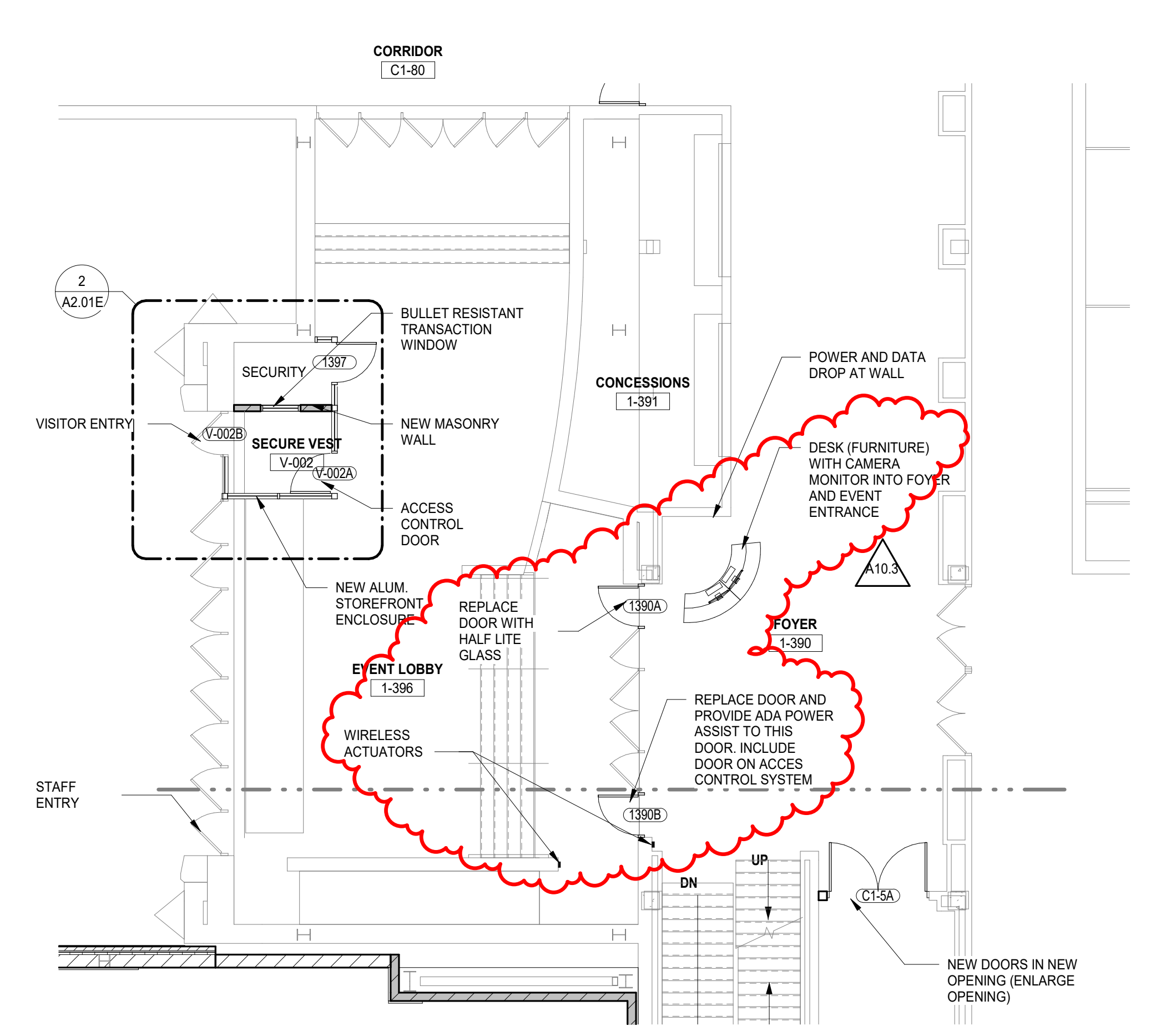


1 LEVEL 1 FLOOR PLAN - AREA C
SCALE: 1/8" = 1'-0"

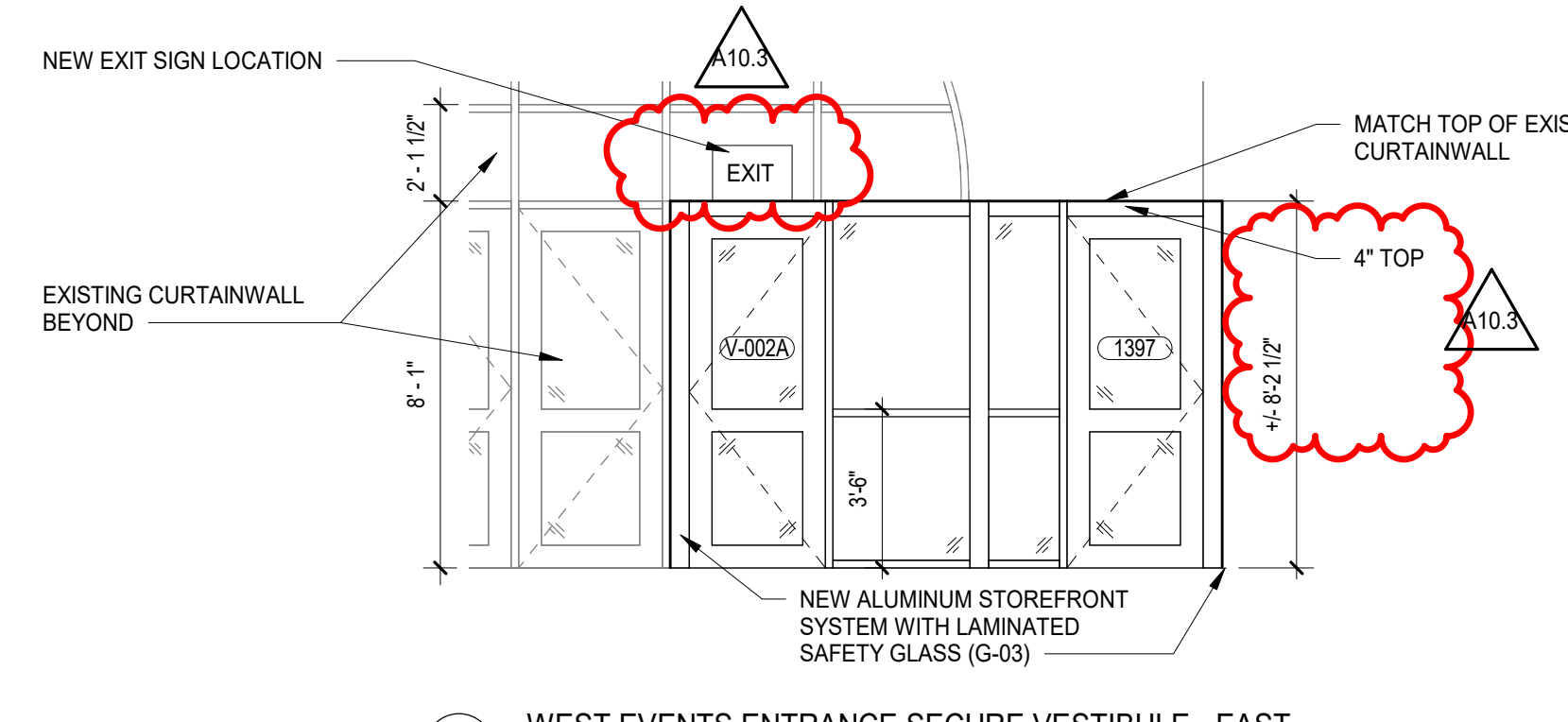
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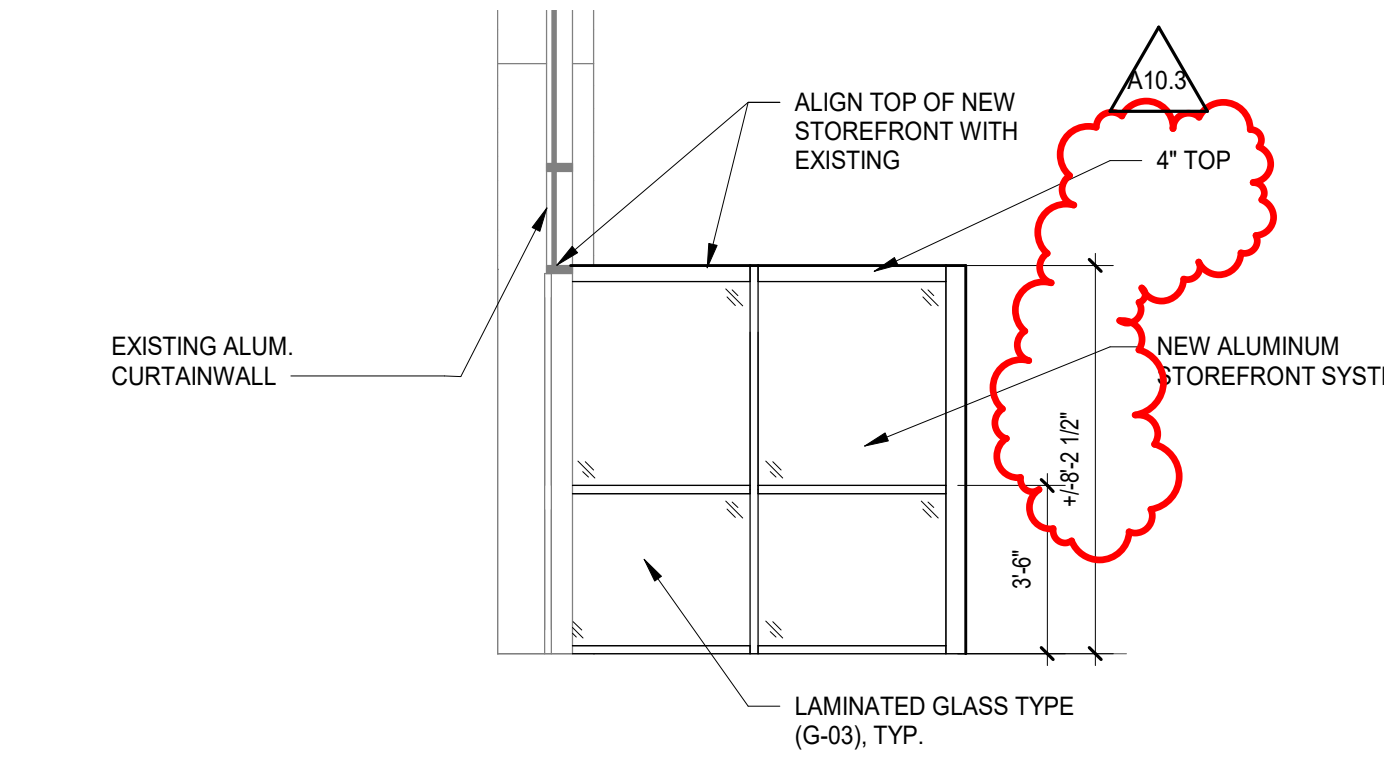
2 ENLARGED FLOOR PLAN - WEST EVENTS SECURITY VESTIBULE
SCALE: 1/2" = 1'-0"



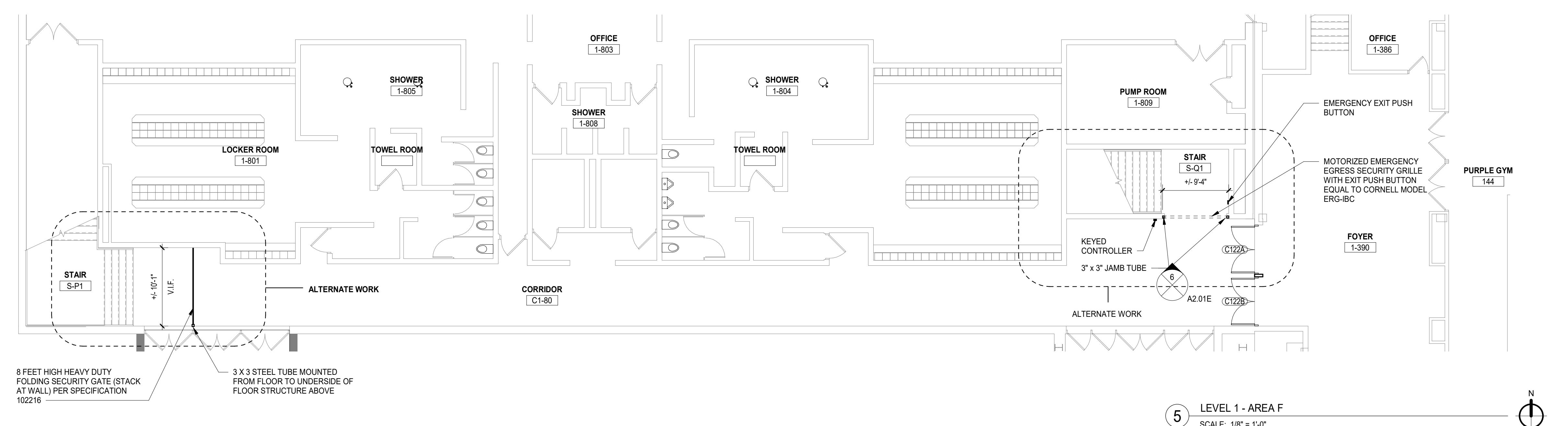
1 LEVEL 1 FLOOR PLAN - AREA E
SCALE: 1/8" = 1'-0"



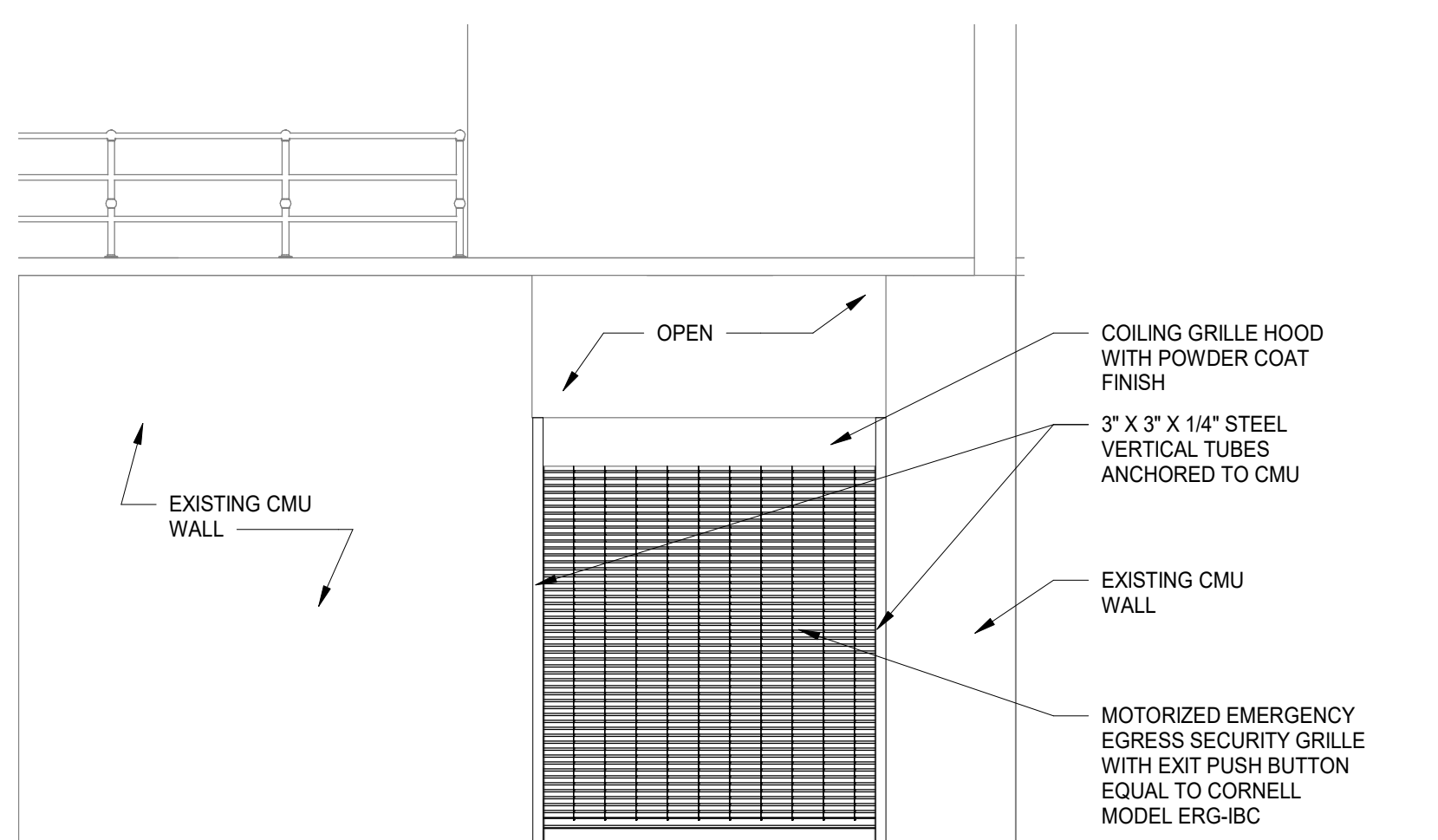
4 WEST EVENTS ENTRANCE SECURE VESTIBULE - EAST
SCALE: 1/4" = 1'-0"



3 WEST EVENTS ENTRANCE VESTIBULE - SOUTH
SCALE: 1/4" = 1'-0"



5 LEVEL 1 - AREA F
SCALE: 1/8" = 1'-0"



6 POOL FOYER C1-6 ELEVATION - NEW GATE
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- REFER TO SHEET 00.2 FOR TYPICAL FIXTURE MOUNTING HEIGHTS AND ADA COMPLIANT PLANS, ELEVATIONS, AND DETAILS.
- REFER TO X SERIES FOR OVERALL ARCHITECTURAL FLOOR PLANS AND FINISHING PLANS.
- NEW SLEEVES AND OPENINGS IN FIRE RATED FLOOR, WALL & CEILING CONSTRUCTION ARE TO BE SEALED WITH FIRE SAFETY MATERIAL. REFER TO C1 SERIES LIFE SAFETY DRAWINGS FOR LOCATION OF RATED CONSTRUCTION.
- NEW SLEEVES AND OPENINGS IN ACoustICAL SEPARATION WALLS AND FLOORS SHALL BE SEALED PER DETAILS ON AC SERIES SHEETS.
- FOR MASONRY WALL PATCHING, TOOTH-IN COURSING INTO EXISTING MASONRY.
- ALL MISC ITEMS (CHALKBOARDS, PENCIL SHARPENERS, ETC) THAT INTERFERE WITH THE COMPLETION OF CONTRACT WORK ARE TO BE REINSTALLED AT NO ADDITIONAL COST TO THE OWNER. COORDINATE LOCATIONS WITH ARCHITECT.
- ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELLED TO MATCH EXISTING ADJACENT SURFACE.
- REFER TO 12 SERIES FOR OWNER PROVIDED FFE THAT REQUIRES BLOCKING OR OTHER CONTRACT WORK.
- REFER TO A8 SERIES FOR CASEWORK PLANS AND ELEVATIONS (INCLUDING THOSE NOT TAGGED HERE).
- DELINEATION OF BID GROUPS PROVIDED FOR BIDDER REFERENCE - CONFIRM FULL SCOPE OF WORK WITH THE CONSTRUCTION MANAGER, INCLUDING INCIDENTAL WORK NOT SHOWN HERE.

GENERAL NOTES - WALL PLACEMENT & DIMENSIONS

- ALL DIMENSIONS ARE TO OUTSIDE FACE OF WALL MATERIAL (GYPSUM BOARD OR MASONRY) UNLESS NOTED OTHERWISE.

(DIMENSION) HOLD DIMENSION IS CRITICAL. HOLD DIMENSION FACE TO FACE OF WALL.

++(DIMENSION) DIMENSION IS NOT CRITICAL. WALL PLACED AT REMAINDER OF DIMENSION STRING.

(DIMENSION) CL DIMENSION TO STRUCTURAL COLUMN CENTERLINE. ALIGN FACES OF WALL.

FLOOR PLAN LEGEND

- NEW WALL
- NEW WALL WITH TAG
- NEW DOOR & HARDWARE
- EXISTING DOOR TO REMAIN
- PARTITION TYPE. REFER TO A8 SERIES SHEETS
- WINDOW TYPE. REFER TO A8 SERIES SHEETS
- DOOR TAG. REFER TO SHEET AS SERIES SHEETS
- FESR FIRE EXTINGUISHER CABINET SEMI RECESSED
- FESM FIRE EXTINGUISHER CABINET SURFACE MOUNT
- FE FIRE EXTINGUISHER ON BRACKETS
- M.B. MARKER BOARD
- T.B. TACK BOARD
- HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNO

NOT FOR CONSTRUCTION

A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
A10.1	BID GROUP 10 - ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**FLOOR PLAN - LEVEL 1
AREA E & F**

Project Number:
5274-42
Drawn By:
Author:
Sheet:

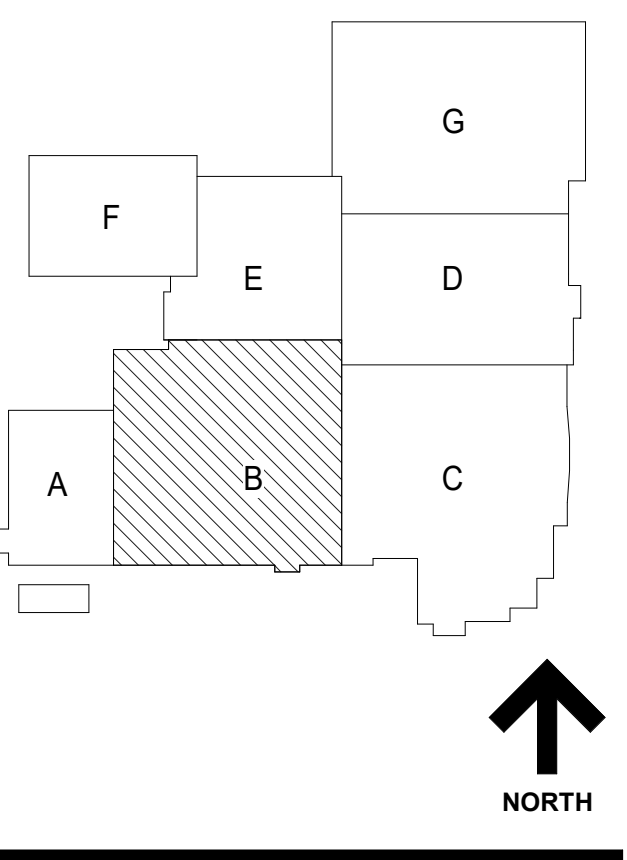
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F 630.969.7979



GENERAL NOTES

- REFER TO SHEET 00.2 FOR TYPICAL FOURTRIE MOUNTING HEIGHTS AND ADA COMPLIANT PLANS, ELEVATIONS, AND DETAILS.
- REFER TO X SERIES FOR OVERALL ARCHITECTURAL FLOOR PLANS AND FINISHING PLANS.
- NEW SLEEVES AND OPENINGS IN FIRE RATED FLOOR, WALL & CEILING CONSTRUCTION ARE TO BE SEALED WITH FIRE SAFETY MATERIAL. REFER TO 01 SERIES LIFE SAFETY DRAWINGS FOR LOCATION OF RATED CONSTRUCTION.
- NEW SLEEVES AND OPENINGS IN ACoustICAL SEPARATION WALLS AND FLOORS SHALL BE SEALED PER DETAILS ON AC SERIES SHEETS.
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- REFER TO I2 SERIES FOR OWNER PROVIDED FIE THAT REQUIRES BLOCKING OR OTHER CONTRACT WORK.
- REFER TO AS SERIES FOR CASEWORK PLANS AND ELEVATIONS (INCLUDING THOSE NOT TAGGED HERE).
- DELINEATION OF BID GROUPS PROVIDED FOR BIDDER REFERENCE - CONFIRM FULL SCOPE OF WORK WITH THE CONSTRUCTION MANAGER, INCLUDING INCIDENTAL WORK NOT SHOWN HERE.

GENERAL NOTES - WALL PLACEMENT & DIMENSIONS

- ALL DIMENSIONS ARE TO OUTSIDE FACE OF WALL MATERIAL (GYPSUM BOARD OR MASONRY) UNLESS NOTED OTHERWISE.

(DIMENSION) HOLD	DIMENSION IS CRITICAL. HOLD DIMENSION FACE TO FACE OF WALL.
++(DIMENSION)	DIMENSION IS NOT CRITICAL. WALL PLACED AT REMAINDER OF DIMENSION STRING.
(DIMENSION) CL	DIMENSION TO STRUCTURAL COLUMN CENTERLINE. ALIGN FACES OF WALL.

FLOOR PLAN LEGEND

	EXISTING WALL
	NEW WALL WITH TAG
	NEW DOOR & HARDWARE
	EXISTING DOOR TO REMAIN
	PARTITION TYPE REFER TO AS SERIES SHEETS
	WINDOW TYPE REFER TO AS SERIES SHEETS
	DOOR TAG REFER TO SHEET AS SERIES SHEETS
	FIRE EXTINGUISHER CABINET SEMI RECESSED
	FIRE EXTINGUISHER CABINET SURFACE MOUNT
	FIRE EXTINGUISHER ON BRACKETS
	MARKER BOARD
	TACK BOARD
	HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNDO

KEYNOTES

- INFILL WALL OPENING WITH MASONRY EQUAL IN SIZE AND COUSING TO ADJACENT WALLS. TOOTH NEW MASONRY INTO EXISTING.
- FLOOR JOINT COVER AND TYPE. SEE DETAILS ON SHEET A7.50.
- HIGH IMPACT WALL: STUD SPACING @ 12" O.C. WITH HIGH IMPACT + HIGH ABUSE GYP BOARD TO 48" A.F.F.
- WIRE MESH PARTITIONS AND GATES PER SPECIFICATION 102213.
- BASKETBALL GOAL - FORWARD FOLD PER SPECIFICATION 116623.
- SCOREBOARD PER SPECIFICATION 116623.
- NEW WINDOW IN EXISTING OPENING, TYP. THIS WALL.
- 1" SOLATION JOINT WITH 2 HOUR FIRE SEALANT. SEE STRUCTURAL DRAWINGS.
- NEW 12" X 2" X 6" METAL LOCKERS, RECESSED IN WALL WITH METAL TRIM AND FILLERS.
- FOLDING GLASS PANEL PARTITION WITH FROSTED ETCHED BAND PER SPECIFICATION 102239.13.
- FOLDING PARTITION - MARKER BOARD FULL HEIGHT BOTH SIDES PER SPECIFICATION 102239.
- GLASS PARTITION - 2" HOLLOW METAL FRAME PER SPECIFICATION 801113, FIELD PAINTED.
- GLASS PARTITION - 1" HOLLOW METAL FRAME PER SPECIFICATION 801113, FIELD PAINTED.
- COUNTERTOP WITH SOLID SLATE DOOR PER SPECIFICATION 803313.
- NEW MILLWORK. SEE AS SERIES DRAWINGS.
- CUSTOM FULL HEIGHT PRESSURE APPLIED VINYL GRAPHIC TV MONITOR - COORD. HEIGHT WITH ARCHITECT IN FIELD.
- STAIR GUARDRAIL MODIFICATIONS. SEE SHEET A6.11.
- MAGNETIC DOOR HOLDERS AT WALL FOR THIS DOOR. RECESS INTO WALL.
- INFILL WALL OPENING FROM REMOVED EQUIPMENT WITH MASONRY TO MATCH EXISTING ON THE EXTERIOR, FLUSH WITH EXISTING WALL.
- PROVIDE CONTINUOUS TRACK STRIP AROUND ROOM @ 8" O" A.F.F. SEE ELEVATIONS FOR MORE INFORMATION.
- GYM DIVIDER CURTAIN (ALTERNATE).

28	DOC MOD 28	01.14.2020
A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
16	DOC MOD 16	09.16.2019
15	DOC MOD 15	09.05.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
13	DOC MOD 13	08.02.2019
	ISSUED FOR CONSTRUCTION - PHASE B	07.26.2019

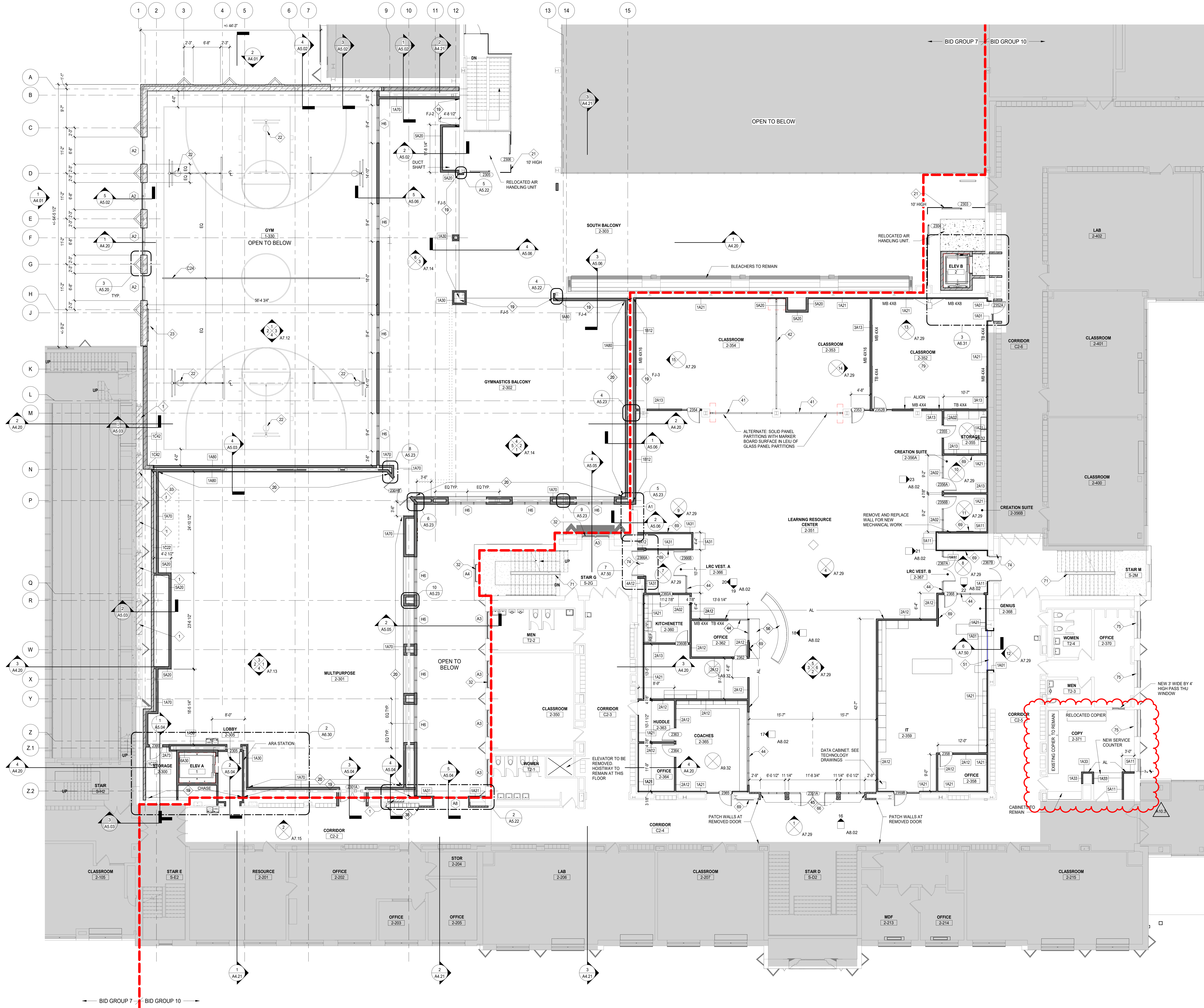
MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

FLOOR PLAN - LEVEL 2 AREA B (PHASE B)

Project Number:
5274-42
Drawn By:
DS
Sheet:

A2.02B.b



1 LEVEL 2 FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"

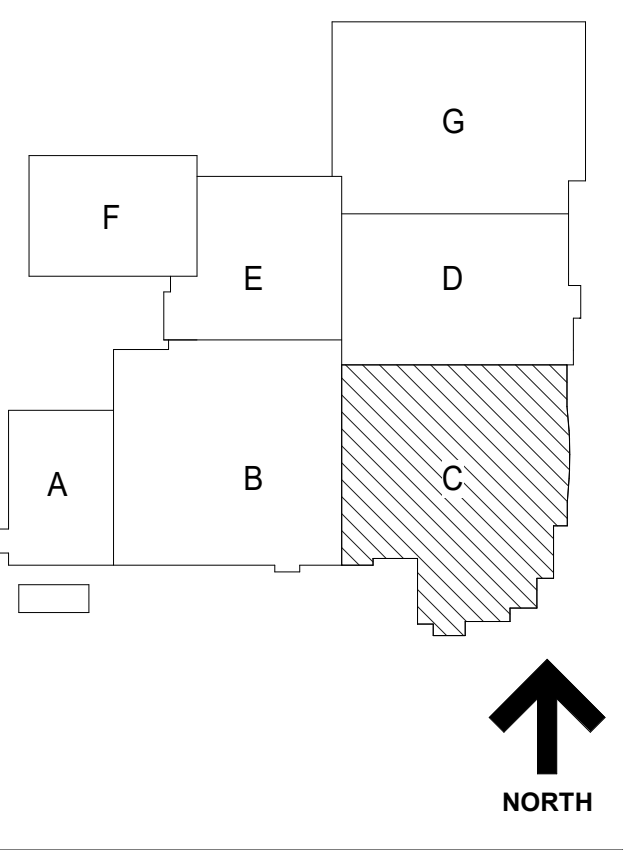
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DISTRICT 99



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Darien, IL 60561
P 630.969.7000
F 630.969.7979



- GENERAL NOTES**
- REFER TO SHEET 00.2 FOR TYPICAL FOURTEEN MOUNTING HEIGHTS AND ADA COMPLIANT PLANS, ELEVATIONS, AND DETAILS.
 - REFER TO X2 SERIES FOR OVERALL ARCHITECTURAL FLOOR PLANS AND FINISHING PLANS.
 - NEW SLEEVES AND OPENINGS IN FIRE RATED FLOOR, WALL & CEILING CONSTRUCTION ARE TO BE SEALED WITH FIRE SAFETY MATERIAL. REFER TO C1 SERIES FOR SAFETY DRAWINGS FOR LOCATION OF RATED CONSTRUCTION.
 - NEW SLEEVES AND OPENINGS IN ACoustICAL SEPARATION WALLS AND FLOORS SHALL BE SEALED PER DETAILS ON AC SERIES SHEETS.
 - FOR MASONRY WALL PATCHING, TOOTH-IN COURSE INTO EXISTING MASONRY.
 - ALL MISC ITEMS (CHALKBOARDS, PENCIL SHARPENERS, ETC) THAT INTERFERE WITH THE COMPLETION OF CONTRACT WORK ARE TO BE REINSTALLED AT NO ADDITIONAL COST TO THE OWNER. COORDINATE LOCATIONS WITH ARCHITECT.
 - ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELED TO MATCH EXISTING ADJACENT SURFACE.
 - REFER TO I12 SERIES FOR OWNER PROVIDED FTE THAT REQUIRES BLOCKING OR OTHER CONTRACT WORK.
 - REFER TO A4 SERIES FOR CASEWORK PLANS AND ELEVATIONS (INCLUDING THOSE NOT TAGGED HERE).
 - DELINEATION OF BID GROUPS PROVIDED FOR BIDDER REFERENCE - CONFIRM FULL SCOPE OF WORK WITH THE CONSTRUCTION MANAGER, INCLUDING INCIDENTAL WORK NOT SHOWN HERE.
- GENERAL NOTES - WALL PLACEMENT & DIMENSIONS**
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF WALL MATERIAL (GYPSUM BOARD OR MASONRY) UNLESS NOTED OTHERWISE.
- (DIMENSION) HOLD - DIMENSION IS CRITICAL. HOLD DIMENSION FACE TO FACE OF WALL.
- ++(DIMENSION) - DIMENSION IS NOT CRITICAL. WALL PLACED AT REMAINDER OF DIMENSION STRING.
- (DIMENSION) CL - DIMENSION TO STRUCTURAL COLUMN CENTERLINE. ALIGN FACES OF WALL.
- FLOOR PLAN LEGEND**
- EXISTING WALL
 - NEW WALL WITH TAG
 - NEW DOOR & HARDWARE
 - EXISTING DOOR TO REMAIN
 - PARTITION TYPE REFER TO A8 SERIES SHEETS
 - WINDOW TYPE REFER TO A8 SERIES SHEETS
 - DOOR TAG REFER TO SHEET A8 SERIES SHEETS
 - FESR - FIRE EXTINGUISHER CABINET SEMI RECESSED
 - FESM - FIRE EXTINGUISHER CABINET SURFACE MOUNT
 - FE - FIRE EXTINGUISHER ON BRACKETS
 - M.B. - MARKER BOARD
 - T.B. - TACK BOARD
 - HATCH DENOTES UNEXCAVATED / EXISTING TO REMAIN, UNDO
- KEYNOTES**
- SOLID SURFACE SILL SEALED IN PLACE.
 - FLOOR JOINT COVER AND TYPE. SEE DETAILS ON SHEET A7.58.
 - NEW WINDOW IN EXISTING OPENING. TYP. THIS WALL.
 - NEW 12" X 12" X 6" METAL LOCKERS WITH SLOPED TOP, METAL BASE, AND FILLERS AGAINST WALL AS REQUIRED.
 - EXISTING CONCRETE COLUMN AT THIS FLOOR LEVEL TO RECEIVE STRUCTURAL FIBER REINFORCING. REMOVE AND REPLACE WALLS, CASEWORK AND CEILING AS REQUIRED TO APPLY REINFORCING. SEE STRUCTURAL DRAWINGS.
 - GLASS PARTITION - 1" HOLLOW METAL FRAME PER SPECIFICATION 081113. FIELD PAINTED.
 - GLASS PARTITION - 2" ALUMINUM STOREFRONT PER SPECIFICATION 081410.
 - GLASS PARTITION - CLEAR LAMINATED GLASS IN FRAMELESS PARTITION SYSTEM PER SPECIFICATION 084126.23.
 - STRUCTURAL GLASS GUARDRAIL PER SPECIFICATION 075113.
 - ROOF PAVERS ON ADJUSTABLE PEDESTALS PER SPECIFICATION 075523.
 - MASTER SHUT OFFS FOR WATER, GAS, AND POWER. SEE MEP DRAWINGS.
 - ALUMINUM CURTAIN WALL PER SPECIFICATION 084423 IN CUSTOM FULL HEIGHT PRESSURE APPLIED VINYL GRAFAPIC.
 - PUNCHED OPENING WINDOWS. LAMINATED GLASS IN ALUMINUM STOREFRONT.
 - STAIN ALL NEW AND EXISTING FACE BRICK.
 - TV MONITOR - COORD. HEIGHT WITH ARCHITECT IN FIELD.
 - THIN BRICK ON MORTAR. MEASURE CONTROL PANEL SYSTEM. SEE SPECIFICATION 042113.26.
 - INFILL REMAINING WINDOW OPENING WITH THIN BRICK PANEL SYSTEM OVER 1/2" REINFORCING OR 6" METAL STUD FRAMING @ 16" O.C. WITH 1/2" GYPSUM BOARD FINISH ON THE INTERIOR SIDE.
 - GLASS PROTECTION: TYCO SPRINKLER HEADS ALONG GLASS < 6'-0" O.C. DESIGNED SO THAT THE ENTIRE SURFACE IS WET UPON ACTIVATION AND PROVIDES 60 MINUTE FIRE SEPARATION.

NOT FOR CONSTRUCTION

SCIENCE EQUIPMENT LEGEND

MARK	DESCRIPTION	BASIS OF DESIGN	NOTES
SK-1	MOLDED ONE PIECE DROP-IN EPOXY SINK (25 X 16 X 13.6)	DURCON D07	W/GRID STRAINER
SK-2	MOLDED ONE PIECE DROP-IN EPOXY SINK - ADA (25 X 15 X 5/11)	DURCON A06	W/GRID STRAINER
SK-3	MOLDED ONE PIECE DROP-IN EPOXY SINK (30 X 16 X 17.8)	DURCON D01	W/GRID STRAINER
SK-4	MOLDED ONE PIECE DROP-IN EPOXY SINK (12 X 8 X 6)	DURCON D03C	W/GRID STRAINER
WF-1	MIXING FAUCET - DECK MOUNTED - WRIST BLADE HANDLES	WATER SAVER L412VB-BH	VANDAL RESISTANT
GV-1	DUAL GAS NEEDLE VALVE - WALL MOUNTED	CHICAGO FAUCET LGN1-A11C-65	VANDAL RESISTANT
GV-2	DUAL GAS NEEDLE VALVE - DECK MOUNTED	CHICAGO FAUCET 981-W9837CHAGVCP	VANDAL RESISTANT
SH-1	EMERGENCY SHOWER - SEMI-CONCEALED STAINLESS	GUARDIAN G1658	WITH THERMOSTATIC MIXING VALVE
EW-1	SWING DOWN EYE-FACE WASH - RECESS MOUNTED	GUARDIAN GBF1738DFP	
GC-1	SURFACE MOUNTED GOGGLE SANITIZER	FLINN SCIENTIFIC 6SE1000	

A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
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MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
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**FLOOR PLAN - LEVEL 3
AREA C**

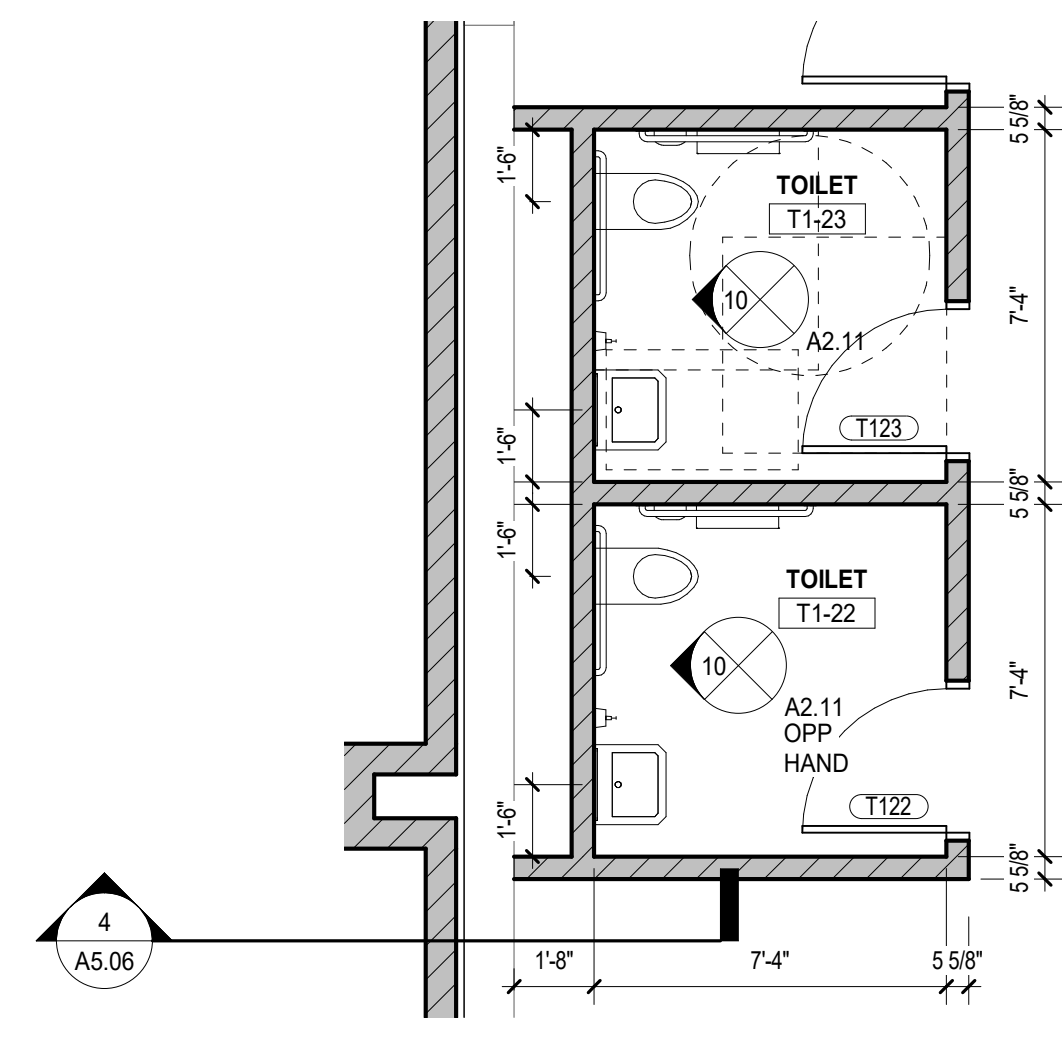
Project Number:
5274-42
Drawn By:
Author
Sheet:

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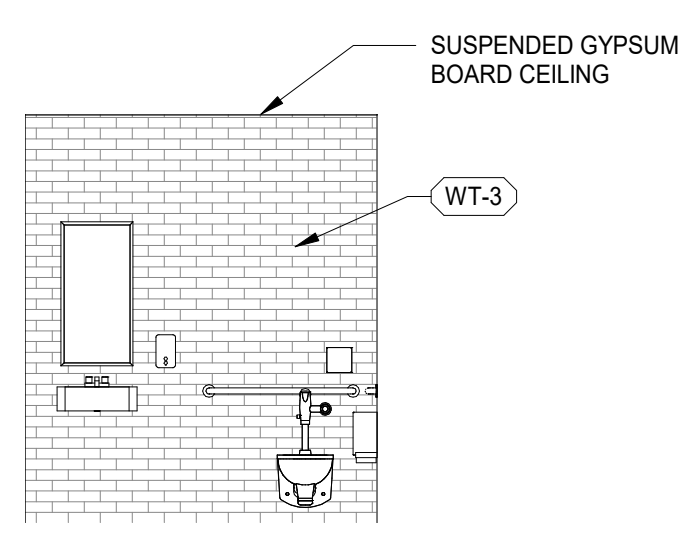


1 LEVEL 3 FLOOR PLAN - AREA C
SCALE: 1/8" = 1'-0"

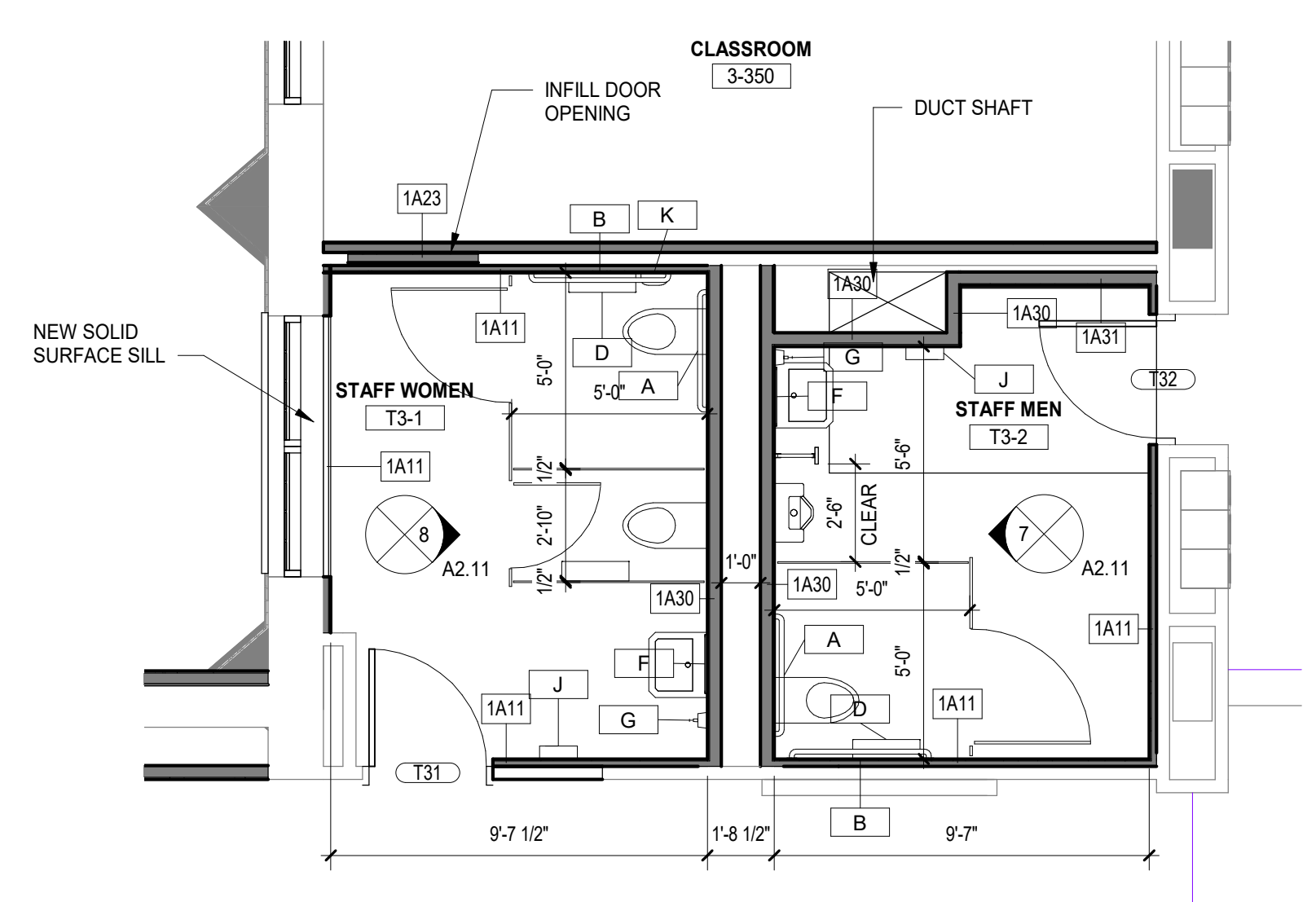
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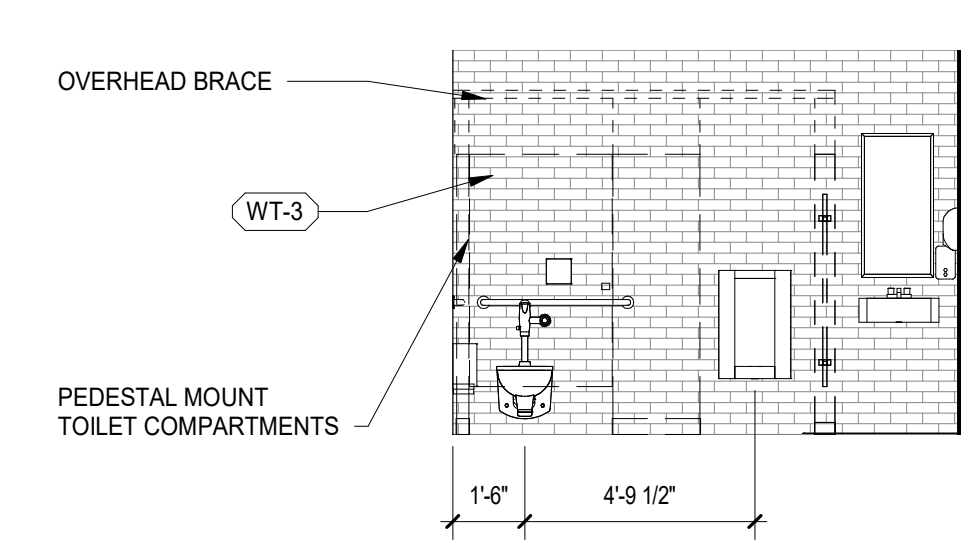
9 PHASE B - PUBLIC SINGLE USER TOILETS
SCALE: 1/4" = 1'-0"



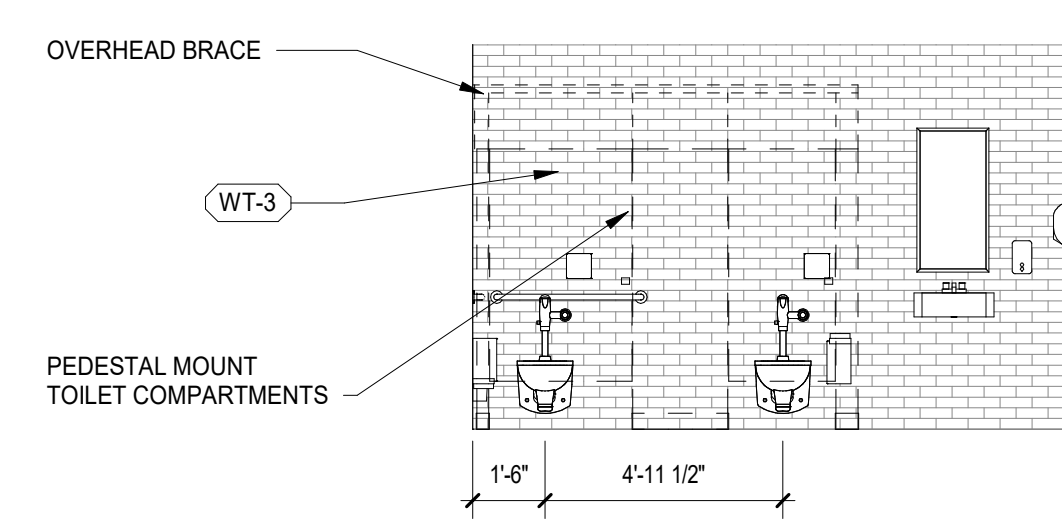
10 TYPICAL ELEVATION - PUBLIC SINGLE USER TOILET
SCALE: 1/4" = 1'-0"



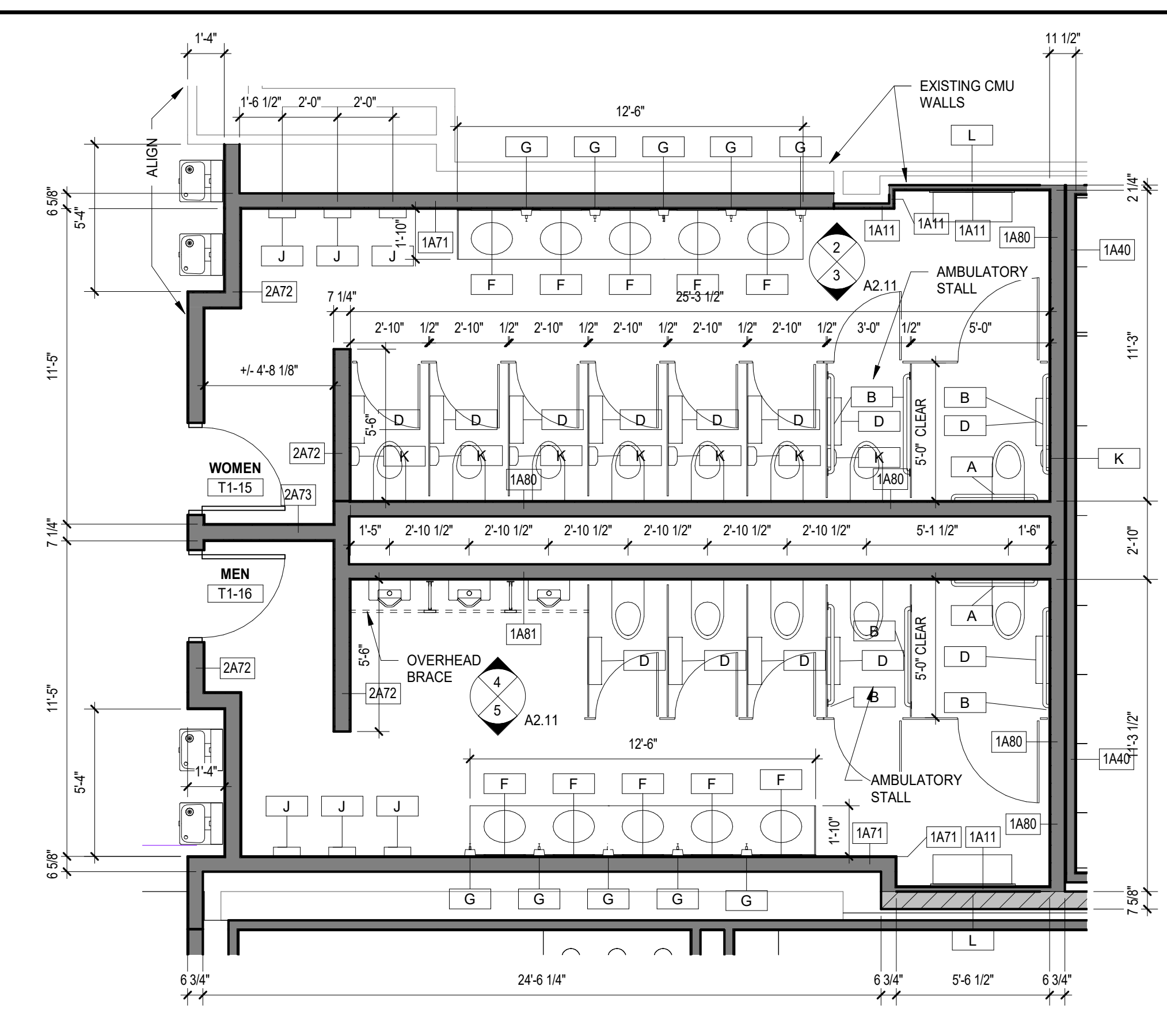
6 STAFF TOILET - 3RD FLOOR
SCALE: 1/4" = 1'-0"



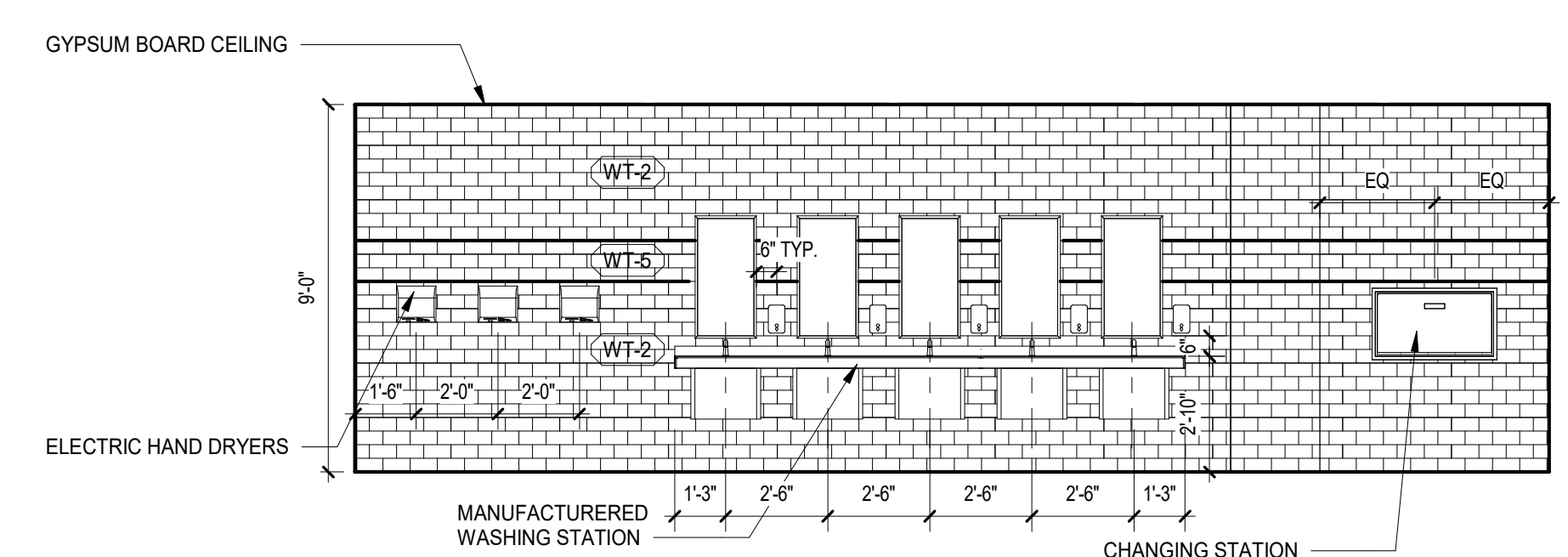
7 STAFF MEN T3-2 ELEVATION - WEST
SCALE: 1/4" = 1'-0"



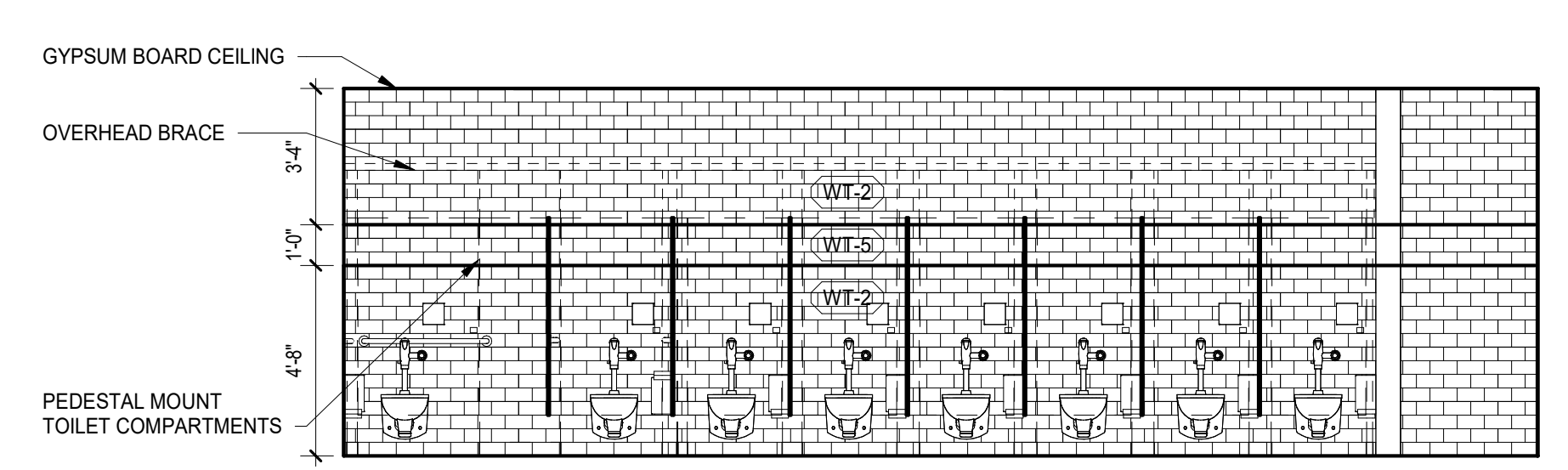
8 STAFF WOMEN T3-1 ELEVATION - EAST
SCALE: 1/4" = 1'-0"



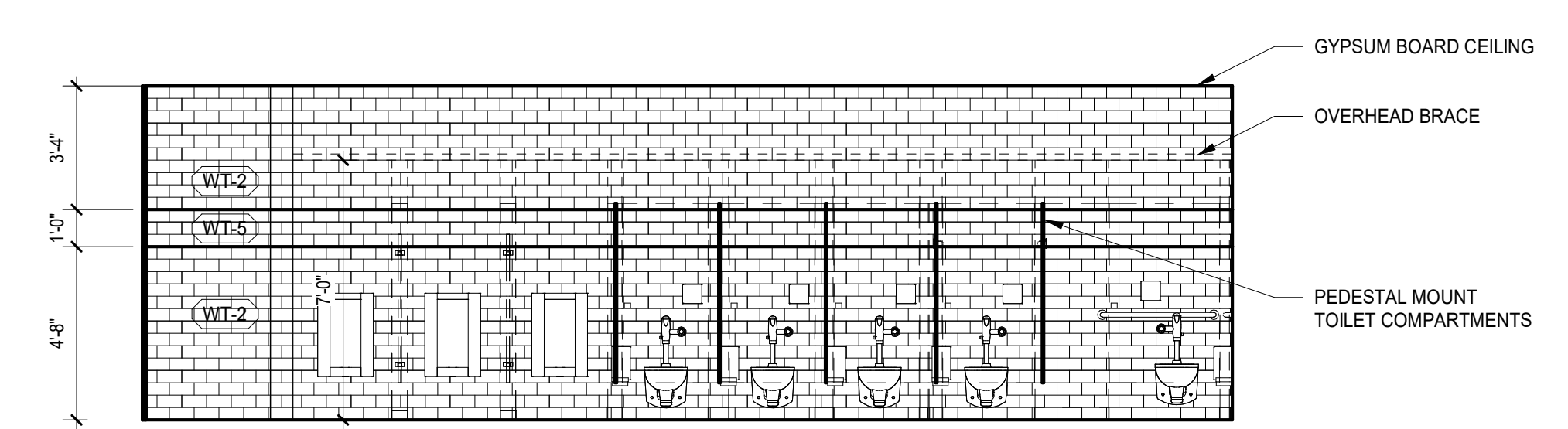
1 PHASE B - PUBLIC MULTIPLE USER TOILETS
SCALE: 1/4" = 1'-0"



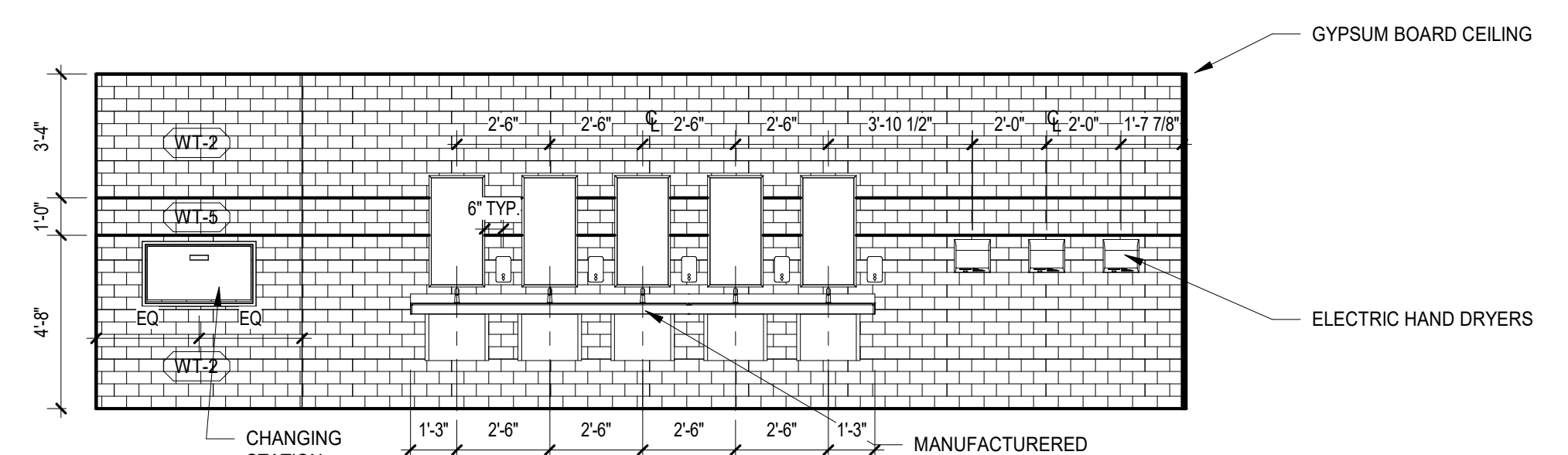
2 WOMEN T1-15 ELEVATION - NORTH
SCALE: 1/4" = 1'-0"



3 WOMEN T1-15 ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"



4 MEN T1-16 ELEVATION - NORTH
SCALE: 1/4" = 1'-0"



5 MEN T1-16 ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES LEGEND

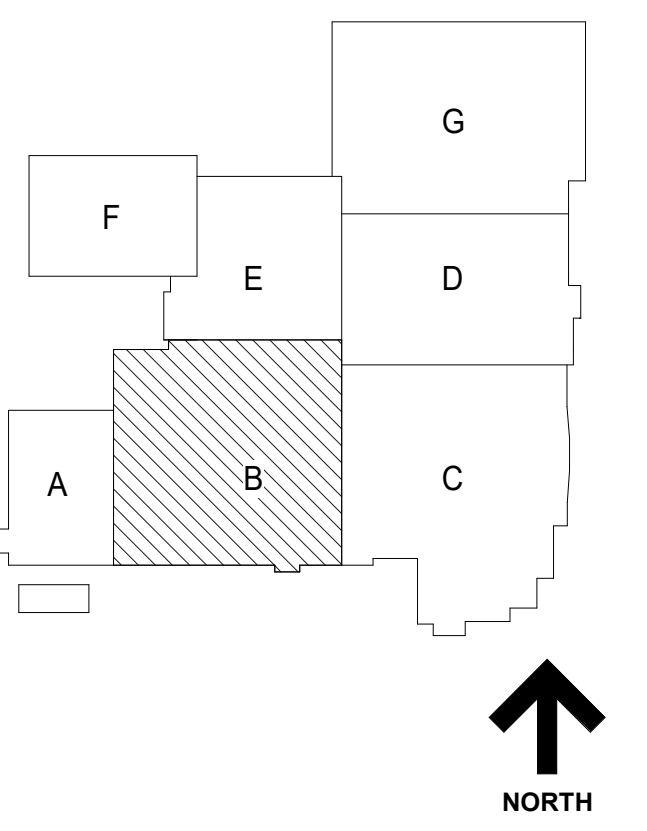
A	30" S.S. GRAB BAR
B	42" S.S. GRAB BAR
C	18" S.S. GRAB BAR
D	S.S. TOILET TISSUE DISPENSER
E	S.S. TOWEL DISPENSER w/ TRASH BIN (OWNER FURNISHED)
F	18" x 30" S.S. CHANNEL FRAME MIRROR
G	SOAP DISPENSER
H	S.S. WALL RECESSED ADULT CHANGING TABLE
I	BRADLEY MEDICINE CABINET MODEL 175
J	ELECTRIC HAND DRYER
K	NAPKIN DISPOSAL
L	CHANGING STATION - WALL RECESSED



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A10.1 BID GROUP 10-ADDENDUM #1 12.30.2019
ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
ISSUED FOR 75% CD - PHASE C 10.14.2019
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ISSUED FOR 100% CD - PHASE C 07.12.2019
REV. DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
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ENLARGED TOILET ROOM PLANS AND ELEVATIONS

Project Number:
5274-42
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ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
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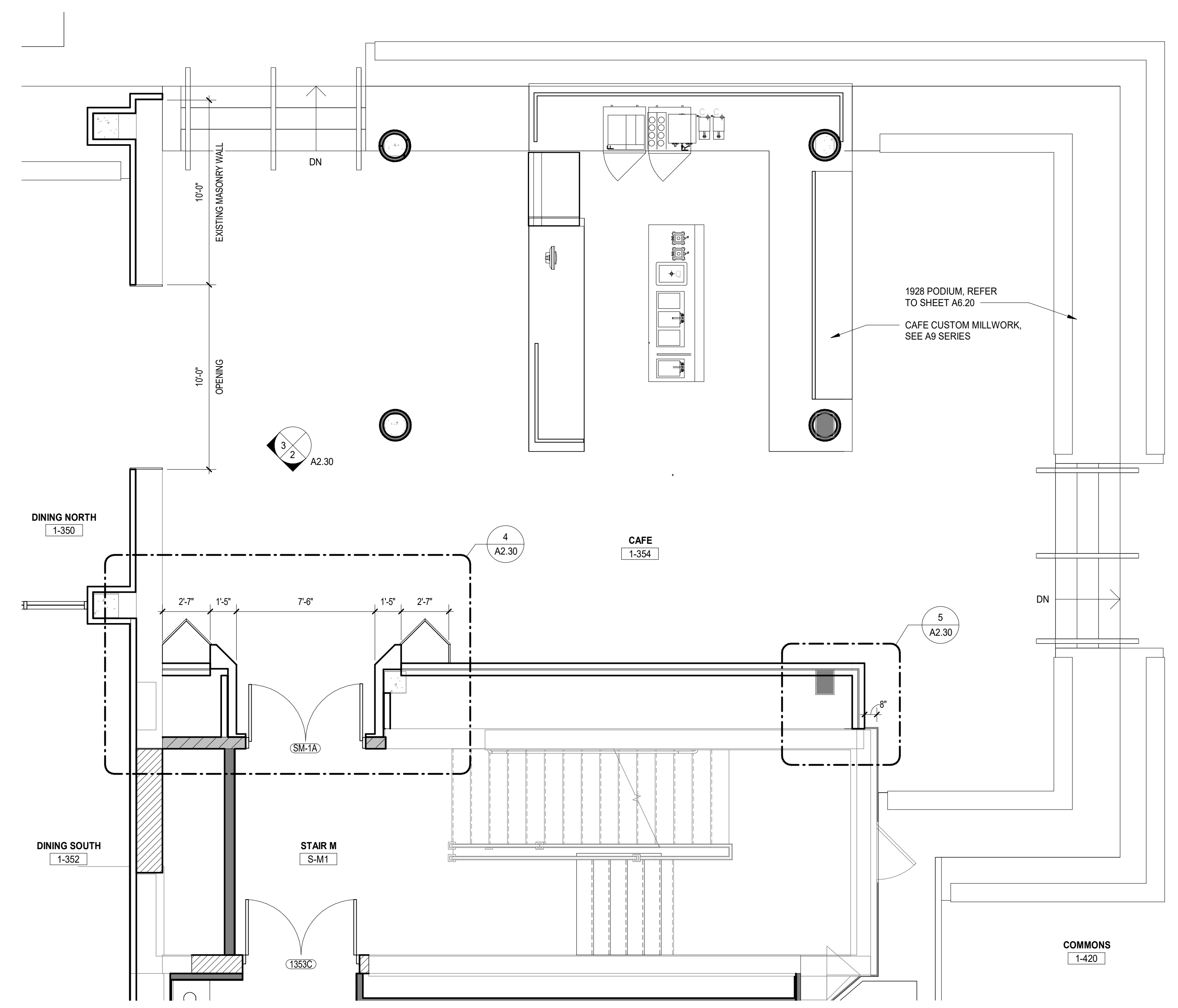
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NORTH**

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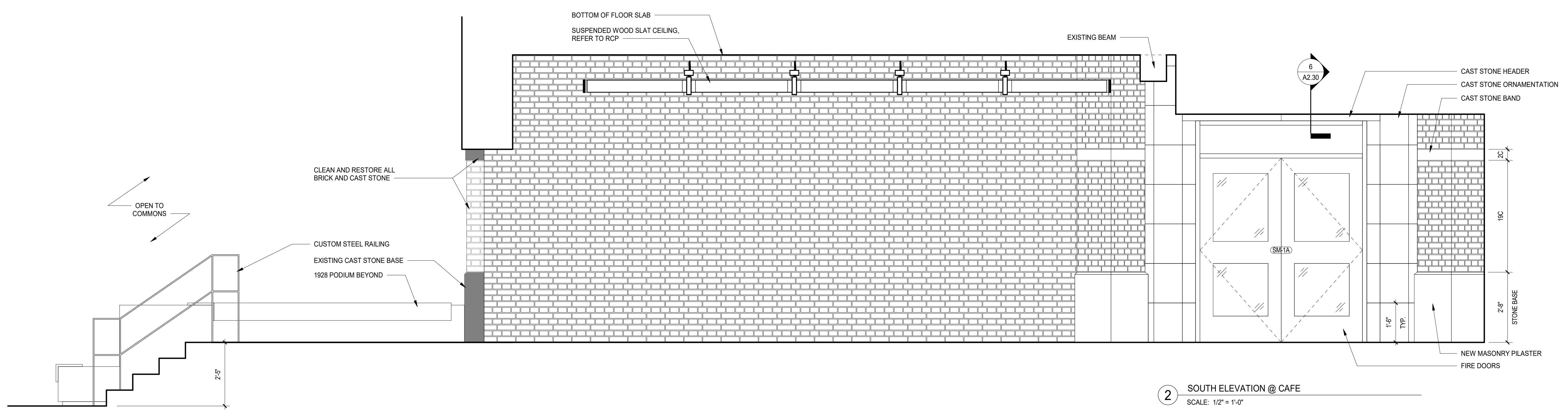
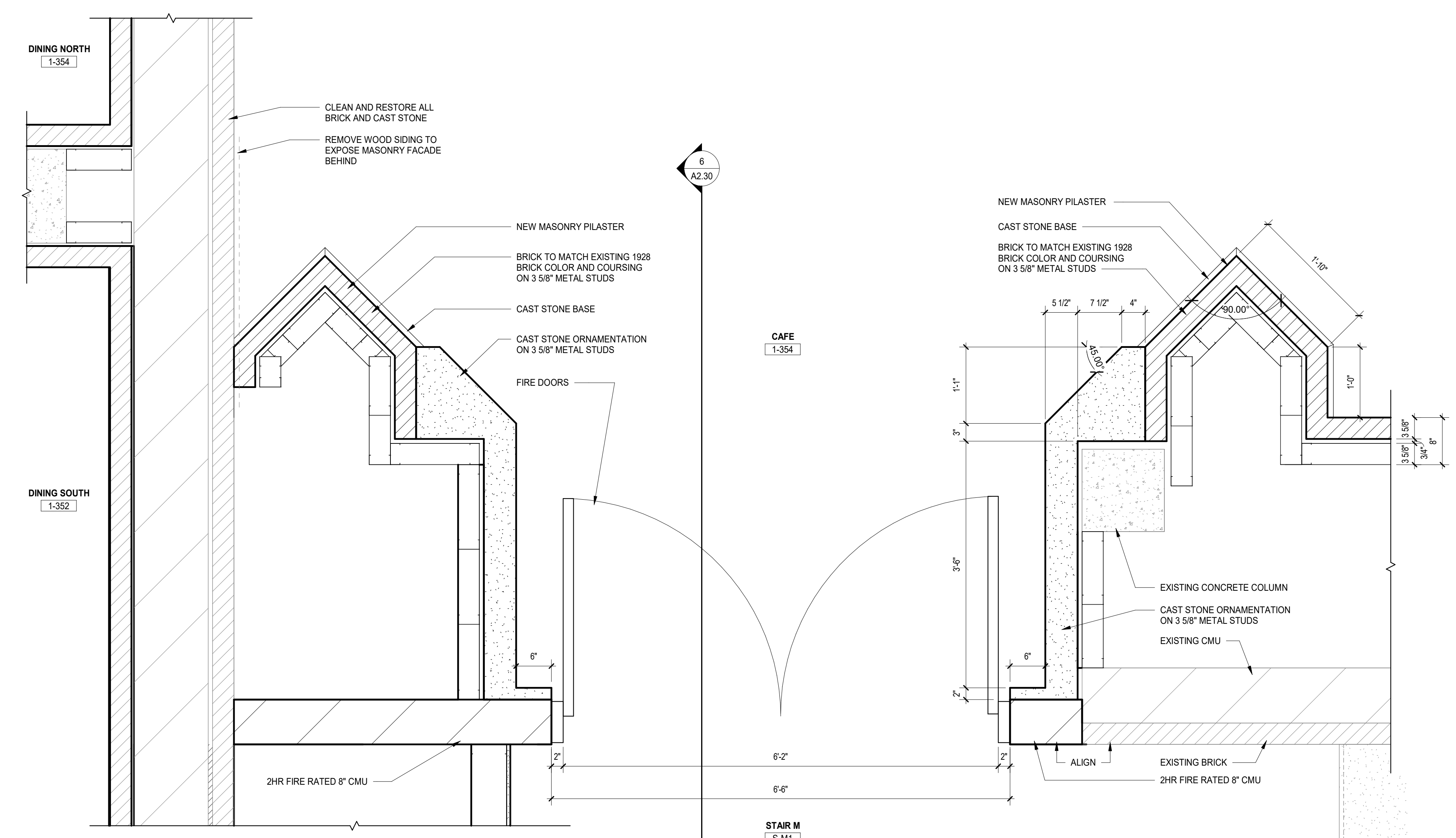
ENLARGED PLANS - CAFE

Project Number:
5274-42
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Sheet:

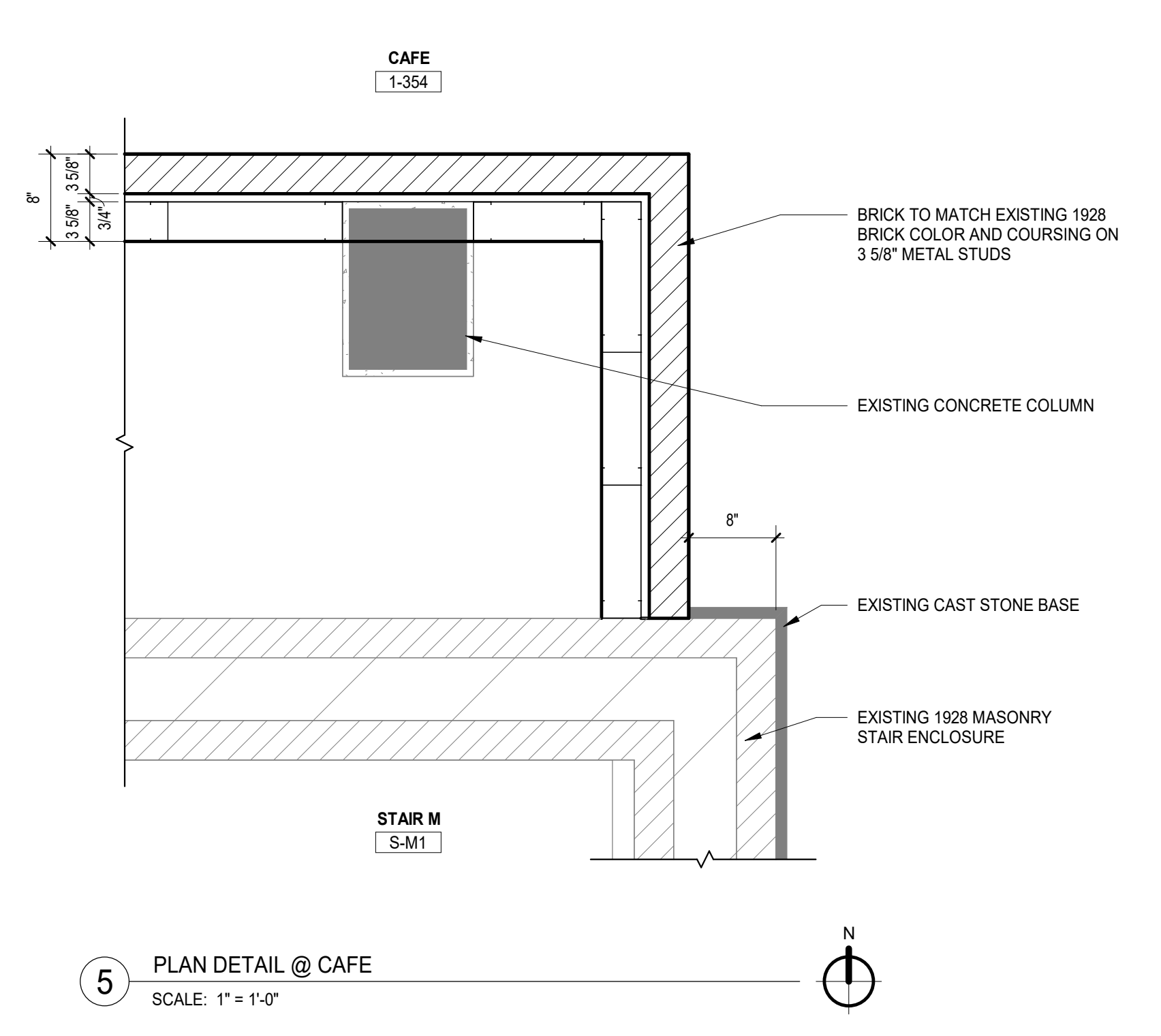
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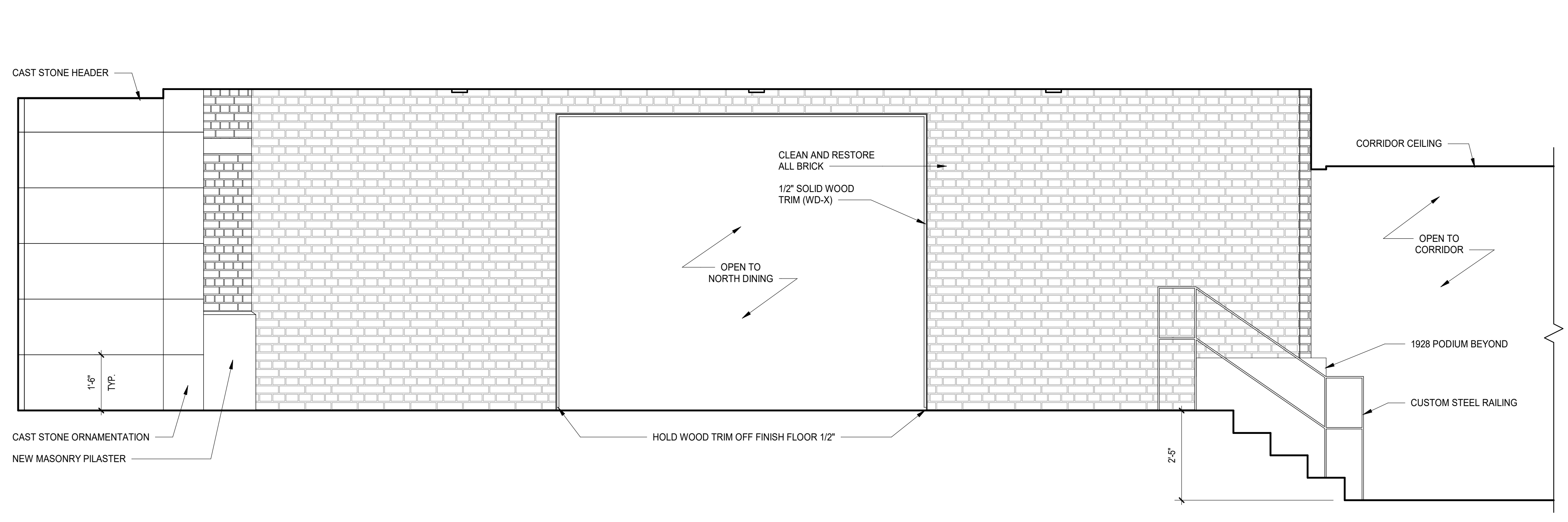
4 1928 ENTRY PLAN DETAIL @ CAFE
SCALE: 1" = 1'-0"



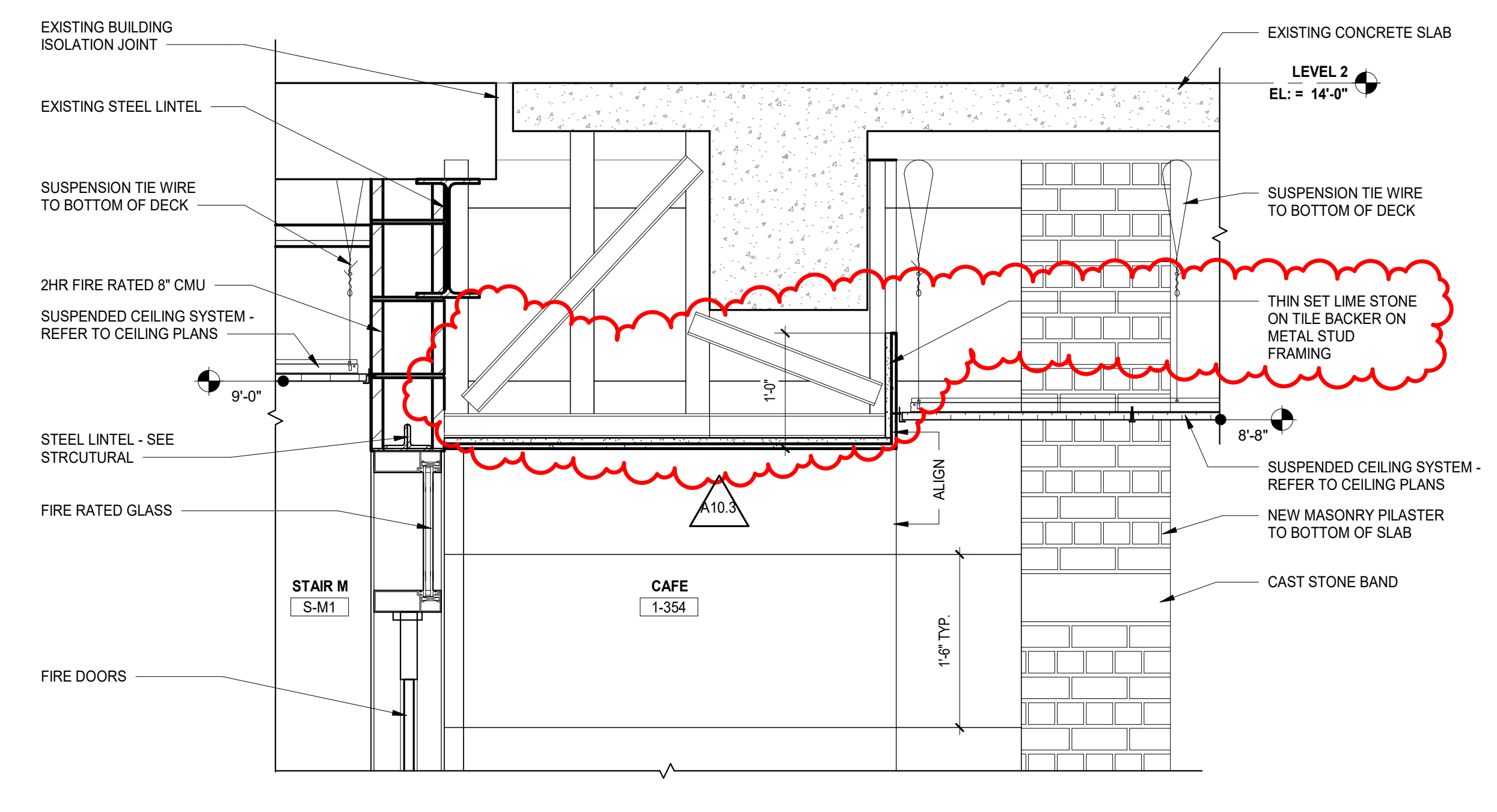
2 SOUTH ELEVATION @ CAFE
SCALE: 1/2" = 1'-0"



5 PLAN DETAIL @ CAFE
SCALE: 1" = 1'-0"

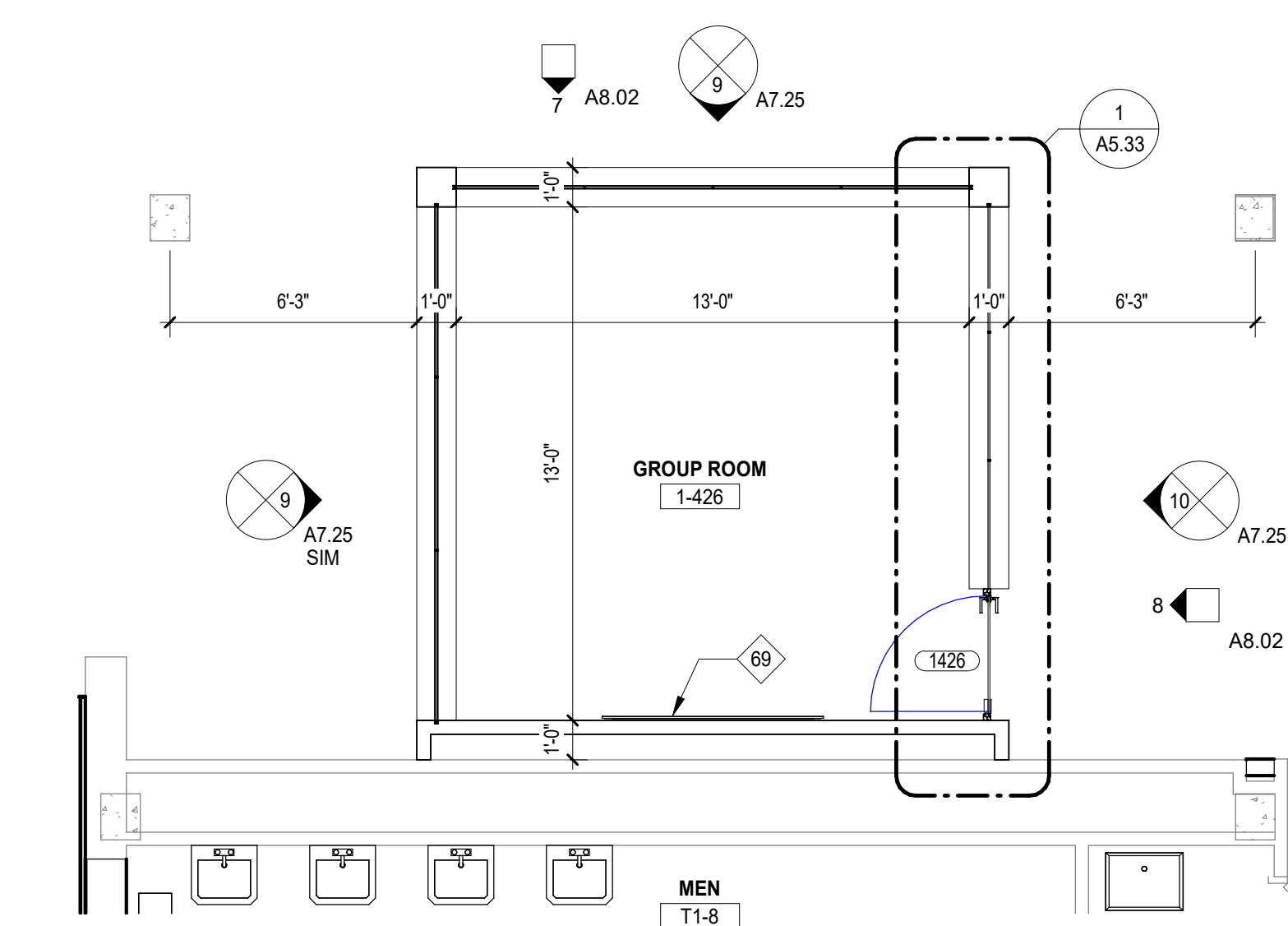
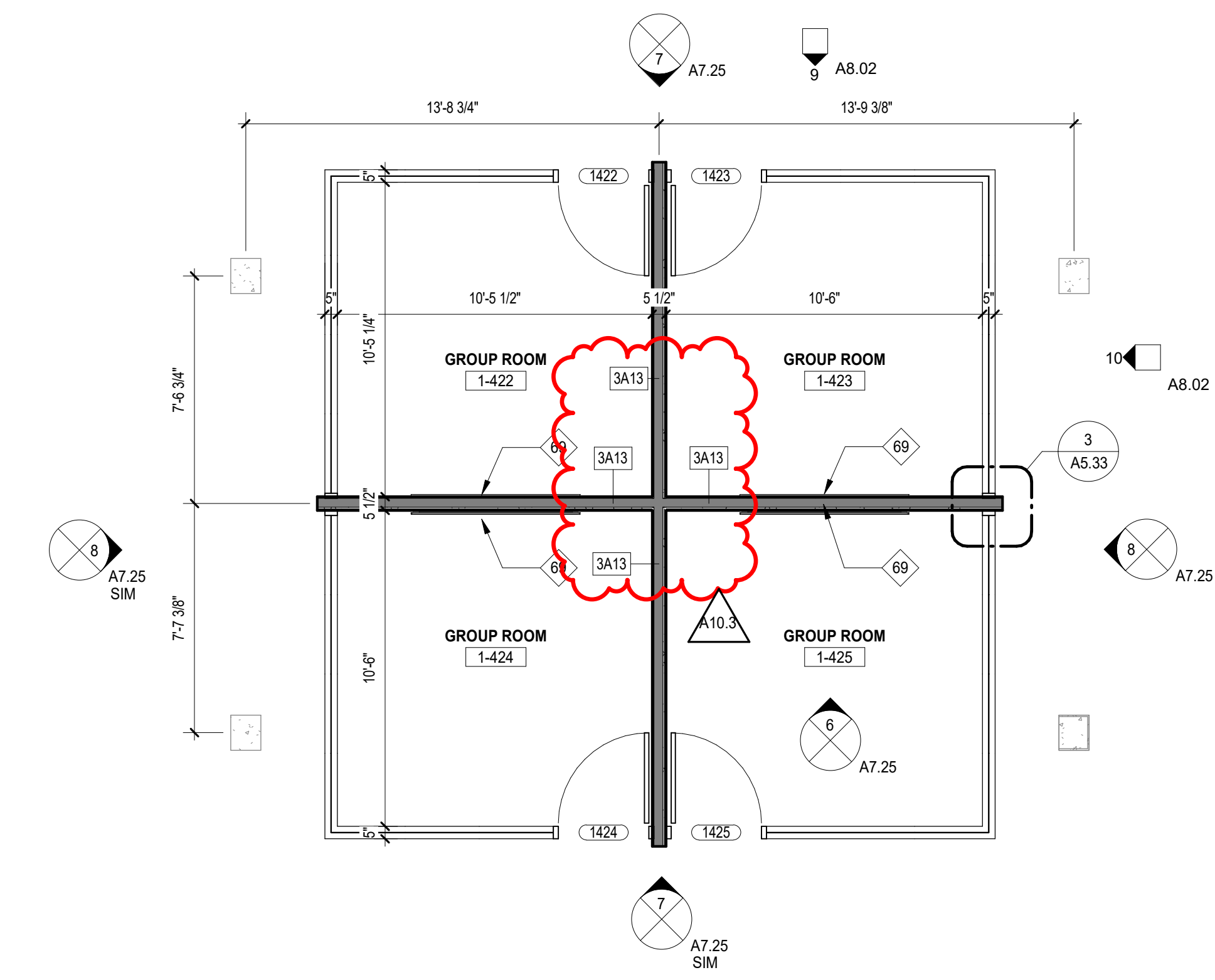


3 WEST ELEVATION @ CAFE
SCALE: 1/2" = 1'-0"



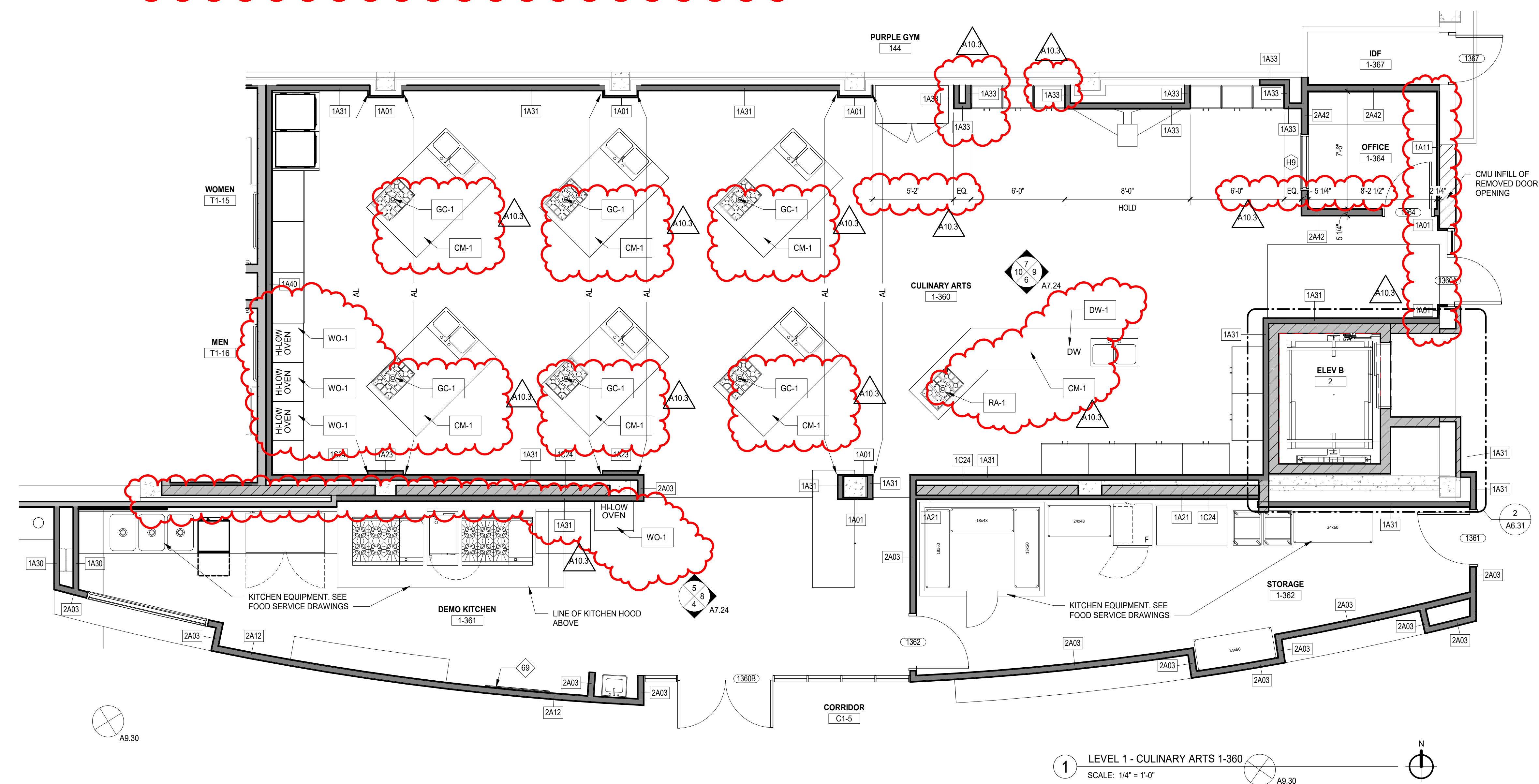
6 SECTION DETAIL - 1928 ENTRY
SCALE: 1" = 1'-0"

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2 LEVEL 1 - GROUP ROOMS
SCALE: 1/4" = 1'-0"

CULINARY RESIDENTIAL APPLIANCE LEGEND			
MARK	DESCRIPTION	BASIS OF DESIGN	NOTES
RA-1	SLIDE IN GAS RANGE	KITCHENAID MODEL #KSG800ESS	6.5 CU. FT. SELF-CLEANING CONVECTION OVEN, STAINLESS STEEL
CM-1	COUNTERTOP MICROWAVE	KITCHENAID MODEL #KMC501SGSS	1.5 CU. FT. STAINLESS STEEL
WO-1	DOUBLE WALL OVEN	KITCHENAID MODEL #KODE800ESS	SELF-CLEANING CONVECTION OVEN, STAINLESS STEEL
GC-1	GAS COOKTOP	KITCHENAID MODEL #KCGS390ESS	5 BURNER INCLUDING MULTI-FLAME DUAL-TIER BURNER AND A SIMMER BURNER, STAINLESS STEEL
DW-1	DISHWASHER	BOSCH MODEL #	STAINLESS STEEL



1 LEVEL 1 - CULINARY ARTS 1-360
SCALE: 1/4" = 1'-0"

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A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
ISSUED FOR BID - BID GROUP 10 11.19.2019
REV ISSUE DATE

**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**ENLARGED PLANS -
CULINARY & GROUP
ROOMS**

Project Number:
5274-42
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GENERAL NOTES

- ALL LIGHT FIXTURES SHALL BE CENTERED IN ROOM UNLESS NOTED OTHERWISE.
- CENTER ALL CEILING MOUNTED DEVICES WITHIN 2X2 OR 2X4 SECTION OF SCORED 2X4 CEILING TILE.TYP.
- PAINT EXPOSED UNDERSIDE OF ROOF DECK/FLOOR STRUCTURE, EXPOSED STRUCTURAL STEEL BEAMS, EXPOSED UTILITY PIPING AND ALL OTHER "PAINTABLE" SURFACES. SEE SPECIFICATIONS FOR FURTHER CLARIFICATION.
- PROVIDE NEW GRID AND CEILING TILE IN ROOMS WHERE LIGHTING IS BEING REPLACED FROM A 2' x 2' LIGHT FIXTURE TO A 2' x 2' LIGHT FIXTURE.

REFLECTED CEILING PLAN SYMBOL LEGEND

[Symbol]	RECESSED LIGHT FIXTURE
[Symbol]	2X2 RECESSED LIGHT FIXTURE
[Symbol]	RECESSED CAN LIGHT FIXTURE
[Symbol]	PENDANT LIGHT FIXTURE
[Symbol]	PENDANT LIGHT FIXTURE
[Symbol]	PENDANT LIGHT FIXTURE
[Symbol]	WALL MOUNTED LIGHT FIXTURE
[Symbol]	WALL SCONCE
[Symbol]	IN GROUND LIGHT FIXTURE
[Symbol]	EXISTING PENDANT LIGHT FIXTURE
[Symbol]	EXISTING 2X4 RECESSED LIGHT FIXTURE
[Symbol]	2' x 2' ACBOURD CEILING SYSTEM
[Symbol]	GYPSUM BOARD CEILING
[Symbol]	EXISTING CEILING & LIGHTING TO REMAIN NO WORK THIS AREA
[Symbol]	EXTERIOR WALL FIXTURE

CEILING FINISHES

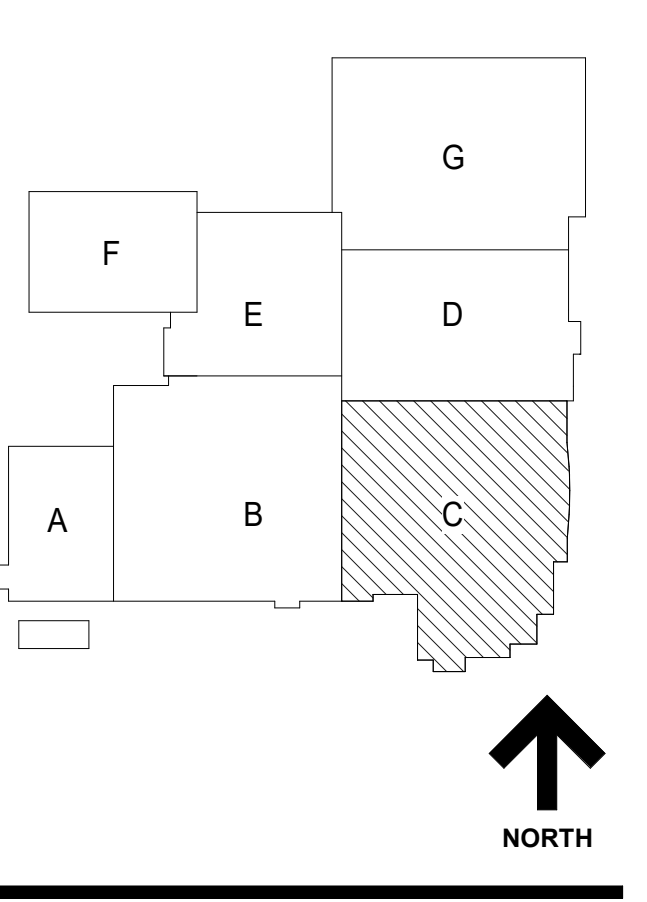
[Symbol]	10'-0" CEILING HEIGHT
[Symbol]	ACT-1 CEILING FINISH

SYMBOL DESCRIPTION

ACA-1	SUSPENDED ACT WITH APPLIED GYPSUM AND BATT
ACA-2	BARRIER CEILING WITH SPRAY APPLIED INSULATION
ACA-3	BARRIER CEILING WITH ACOUSTICAL CEILING BELOW
ACT-1	2X2 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
ACT-2	2X4 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
ACT-3	2X2 SUSPENDED CEILING- FOOD SERVICE- SEE SPEC
ACT-4	2X2 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
GYP-1	GYPSUM BOARD CEILING
GYP-3	GYPSUM BOARD CEILING
WG-1	SUSPENDED WOOD GRILLE CEILING

KEYNOTES

C4	MANUALLY OPERATED WINDOW TREATMENT. SEE SPECIFICATION 12413.
C9	IN GROUND LIGHT FIXTURES - REFER TO ELECTRICAL DRAWINGS
C11	PAINT GYPSUM BOARD CEILING PT-3
C28	CORD REEL POWER SUSPENDED FROM EXPOSED CEILING
C30	BOTTOM OF LIGHT FIXTURES @ 12'-0" AFF
C36	12" SOLID WOOD CEILING (WD-8) - REFER TO DETAILS
C37	EXTERIOR WALL SCONCE FIXTURE @ 2'-0" A.F.F.
C38	PAINT EXPOSED STRUCTURE ABOVE PT-4
C39	PAINT GYPSUM BOARD CEILING PT-9
C42	2' x 2' x 2" SOUND ABSORBING PANELS (FSG) PINNED TO UNDERSIDE OF CEILING (90% OF CEILING AREA). SEE SPECIFICATION 09841.
C46	PAINT VERTICAL FACE OF GYPSUM BOARD SOFFIT PT-3



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ISSUED FOR 75% CD - PHASE C 10.14.2019
ISSUED FOR 25% CD - PHASE C 08.30.2019
ISSUED FOR 100% CD - PHASE C 07.12.2019

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

REFLECTED CEILING PLAN - LEVEL 1 AREA C

Project Number:
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1 LEVEL 1 RCP - AREA C
SCALE: 1/8" = 1'-0"



GENERAL NOTES

- ALL LIGHT FIXTURES SHALL BE CENTERED IN ROOM UNLESS NOTED OTHERWISE.
- CENTER ALL CEILING MOUNTED DEVICES WITHIN 2X2 OR 2X4 SECTION OF SCORED 2X4 CEILING TILE, TYP.
- PAINT EXPOSED UNDERSIDE OF ROOF DECK/FLOOR STRUCTURE, EXPOSED STRUCTURAL STEEL BEAMS, EXPOSED UTILITY PIPING AND ALL OTHER "PAINTABLE" SURFACES. SEE SPECIFICATIONS FOR FURTHER CLARIFICATION.
- PROVIDE NEW GRID AND CEILING TILE IN ROOMS WHERE LIGHTING IS BEING REPLACED FROM A 2' x 4' LIGHT FIXTURE TO A 2' x 2' LIGHT FIXTURE.

REFLECTED CEILING PLAN SYMBOL LEGEND

- RECESSED LIGHT FIXTURE
- 2X2 RECESSED LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- WALL SCONCE
- IN GROUND LIGHT FIXTURE
- EXISTING PENDANT LIGHT FIXTURE
- EXISTING 2X4 RECESSED LIGHT FIXTURE
- 2' x 2' ACoustical CEILING SYSTEM
- GYPSUM BOARD CEILING
- EXISTING CEILING & LIGHTING TO REMAIN NO WORK THIS AREA
- EXTERIOR WALL FIXTURE

CEILING FINISHES

10'-0" CEILING HEIGHT
ACT-1 CEILING FINISH

SYMBOL	DESCRIPTION
ACT-1	SUSPENDED ACT WITH APPLIED GYPSUM AND BATT
ACA-2	BARRIER CEILING WITH SPRAY APPLIED INSULATION
ACA-3	BARRIER CEILING WITH ACOUSTICAL CEILING BELOW
ACT-1	2X2 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
ACT-2	2X4 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
ACT-3	2X2 SUSPENDED CEILING - FOOD SERVICE - SEE SPEC
ACT-4	2X2 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
GYP-1	GYPSUM BOARD CEILING
GYP-2	GYPSUM BOARD CEILING
WG-1	SUSPENDED WOOD GRILLE CEILING

KEYNOTES

- C4 MANUALLY OPERATED WINDOW TREATMENT. SEE SPECIFICATION 1204.1.
- C12 PAINT GYPSUM BOARD CEILING PT-10
- C28 CORD REEL POWER SUSPENDED FROM EXPOSED CEILING
- C38 BOTTOM OF LIGHT FIXTURES @ 18" AFF
- C33 PAINT GYPSUM BOARD CEILING UPT-4
- C38 PAINT EXPOSED STRUCTURE ABOVE PT-4
- C38 PAINT GYPSUM BOARD CEILING PT-9
- C42 2' x 2' x 1/2" SOUND ABSORBING PANELS (FGP) PINNED TO UNDERSIDE OF CEILING (50% OF CEILING AREA). SEE SPECIFICATION 0864.1.

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A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
 ISSUED FOR BID - BID GROUP 10 11.19.2019
 ISSUED FOR 50% CD - PHASE C 10.01.2019
 ISSUED FOR 75% CD - PHASE C 10.14.2019
 ISSUED FOR 25% CD - PHASE C 08.30.2019
 ISSUED FOR 100% CD - PHASE C 07.12.2019

REV DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

REFLECTED CEILING PLAN - LEVEL 2 AREA C

Project Number:
5274-42
Drawn By:
Author
Sheet:

A3.02C

11/25/2020 4:07:18 PM
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1 LEVEL 2 RCP - AREA C
SCALE: 1/8" = 1'-0"

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GENERAL NOTES

- ALL LIGHT FIXTURES SHALL BE CENTERED IN ROOM UNLESS NOTED OTHERWISE.
- CENTER ALL CEILING MOUNTED DEVICES WITHIN 2X2 OR 2X4 SECTION OF SCORED 2X4 CEILING TILE.T.P.
- PAIN EXPOSED UNDERSIDE OF ROOF DECK/FLOOR STRUCTURE, EXPOSED STRUCTURAL STEEL BEAMS, EXPOSED UTILITY PIPING AND ALL OTHER "PAINTABLE" SURFACES - SEE SPECIFICATIONS FOR FURTHER CLARIFICATION.
- PROVIDE NEW GRID AND CEILING TILE IN ROOMS WHERE LIGHTING IS BEING REPLACED FROM A 2' x 4' LIGHT FIXTURE TO A 2' x 2' LIGHT FIXTURE.

REFLECTED CEILING PLAN SYMBOL LEGEND

[Symbol]	RECESSED LIGHT FIXTURE
[Symbol]	2X2 RECESSED LIGHT FIXTURE
[Symbol]	RECESSED CAN LIGHT FIXTURE
[Symbol]	PENDANT LIGHT FIXTURE
[Symbol]	PENDANT LIGHT FIXTURE
[Symbol]	PENDANT LIGHT FIXTURE
[Symbol]	WALL MOUNTED LIGHT FIXTURE
[Symbol]	WALL SCONCE
[Symbol]	IN GROUND LIGHT FIXTURE
[Symbol]	EXISTING PENDANT LIGHT FIXTURE
[Symbol]	EXISTING 2X4 RECESSED LIGHT FIXTURE
[Symbol]	2' x 2' ACOUSTICAL CEILING SYSTEM
[Symbol]	GYPSUM BOARD CEILING
[Symbol]	EXISTING CEILING & LIGHTING TO REMAIN NO WORK THIS AREA
[Symbol]	EXTERIOR WALL FIXTURE

CEILING FINISHES

[Symbol]	10'-0" CEILING HEIGHT
[Symbol]	ACT-1 CEILING FINISH

SYMBOL DESCRIPTION

ACA-1	SUSPENDED ACT WITH APPLIED GYPSUM AND BATT
ACA-2	BARRIER CEILING WITH SPRAY APPLIED INSULATION
ACA-3	BARRIER CEILING WITH ACOUSTICAL CEILING BELOW
ACT-1	2X2 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
ACT-2	2X4 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
ACT-3	2X2 SUSPENDED CEILING - FOOD SERVICE - SEE SPEC.
ACT-4	2X2 ACOUSTICAL CEILING SYSTEM-SEE SPECIFICATION
GYP-1	GYPSUM BOARD CEILING
GYP-2	GYPSUM BOARD CEILING
WG-1	SUSPENDED WOOD GRILLE CEILING

KEYNOTES

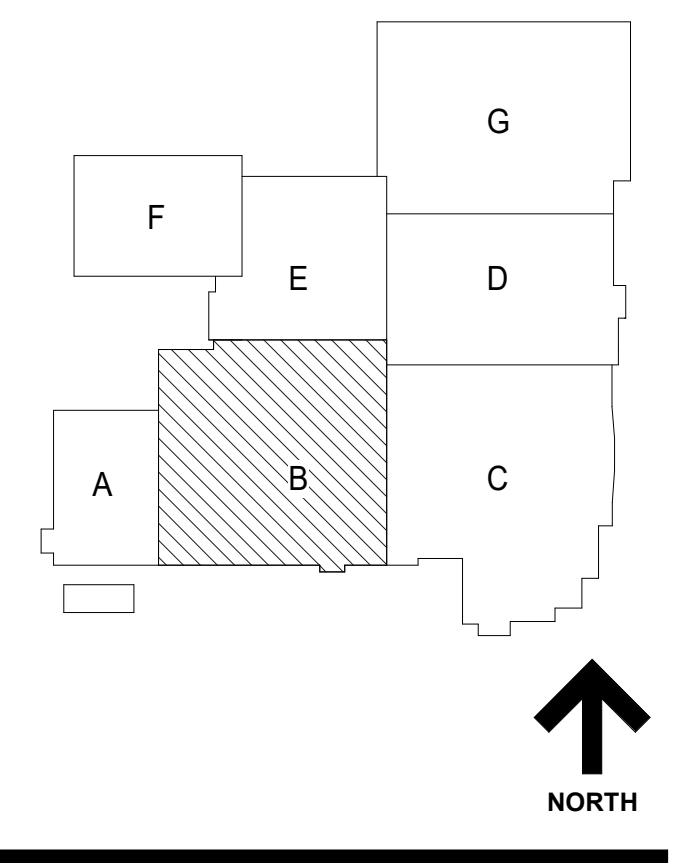
C6	2" CEILING JOINT COVER, TYPE AS INDICATED.
C14	PAINT GYPSUM BOARD CEILING PT.7
C22	EXPOSED TO STRUCTURE - STANDARD ROOF DECK. PAINT ALL EXPOSED PT.4
C35	ROOF METAL PANEL WALL
C27	PAINT ALL EXPOSED STRUCTURAL STEEL PT.4

DISTRICT 99

COMMUNITY HIGH SCHOOL DISTRICT 99

Wight

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A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
 ISSUED FOR BID - BID GROUP 10 11.19.2019
 ISSUED FOR 90% CD - PHASE C 11.01.2019
 ISSUED FOR 75% CD - PHASE C 10.14.2019
 ISSUED FOR 25% CD - PHASE C 08.30.2019
 ISSUED FOR CONSTRUCTION - PHASE B 07.26.2019

REV	ISSUE	DATE
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MFP IMPLEMENTATION - NORTH

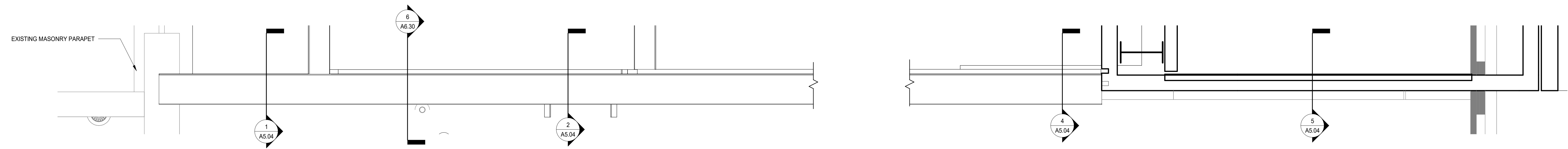
4436 MAIN STREET
 DOWNERS GROVE, IL 60515

REFLECTED CEILING PLAN - LEVEL 3 AREA B

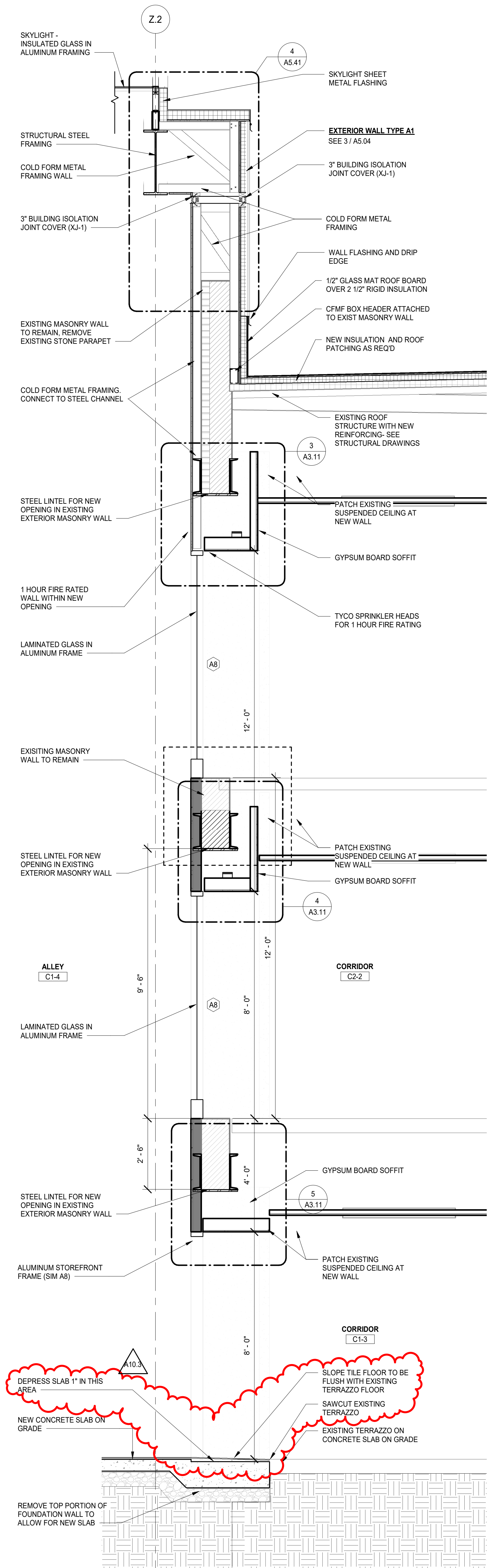
Project Number:
 5274-42
 Drawn By:
 MB
 Sheet:

A3.03B

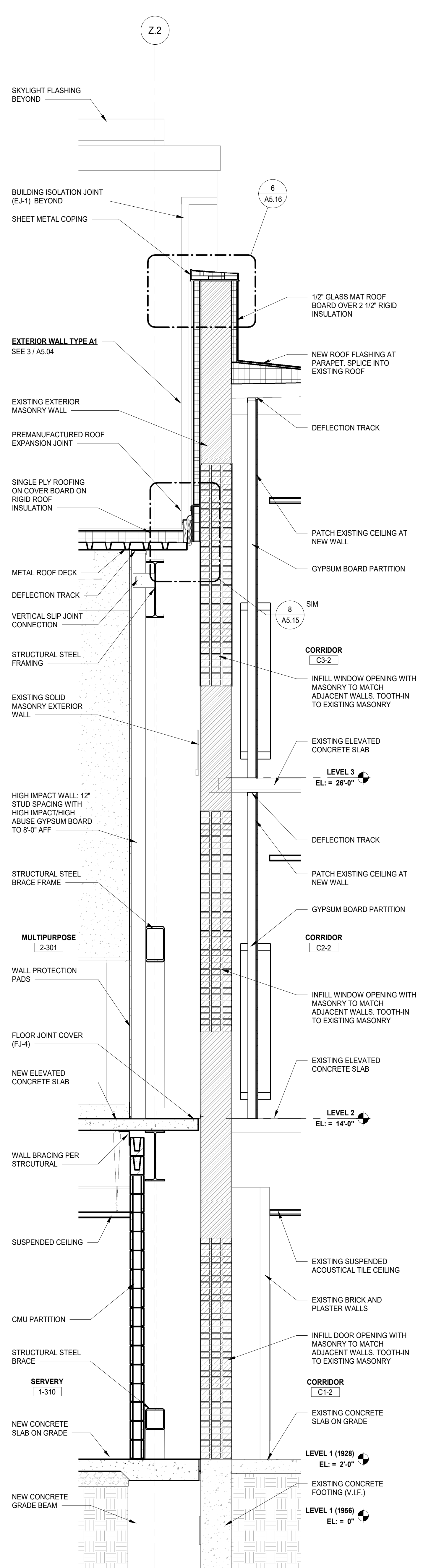
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 SCALE: 1/8" = 1'-0"



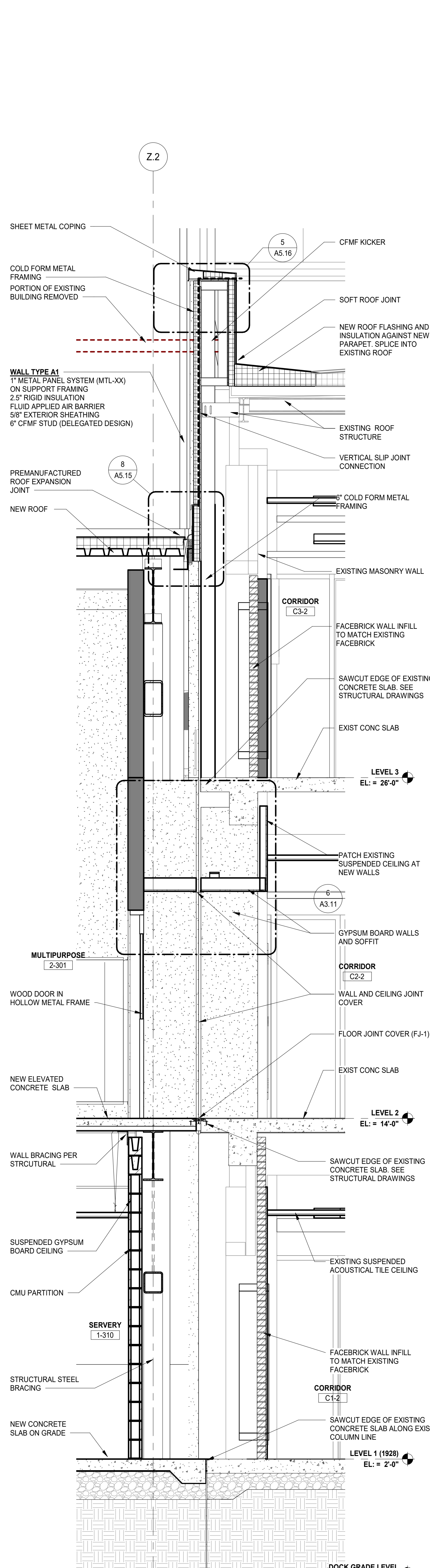
6 ENLARGED PLAN - SOUTH LOFT WALL
SCALE: 3/8" = 1'-0"



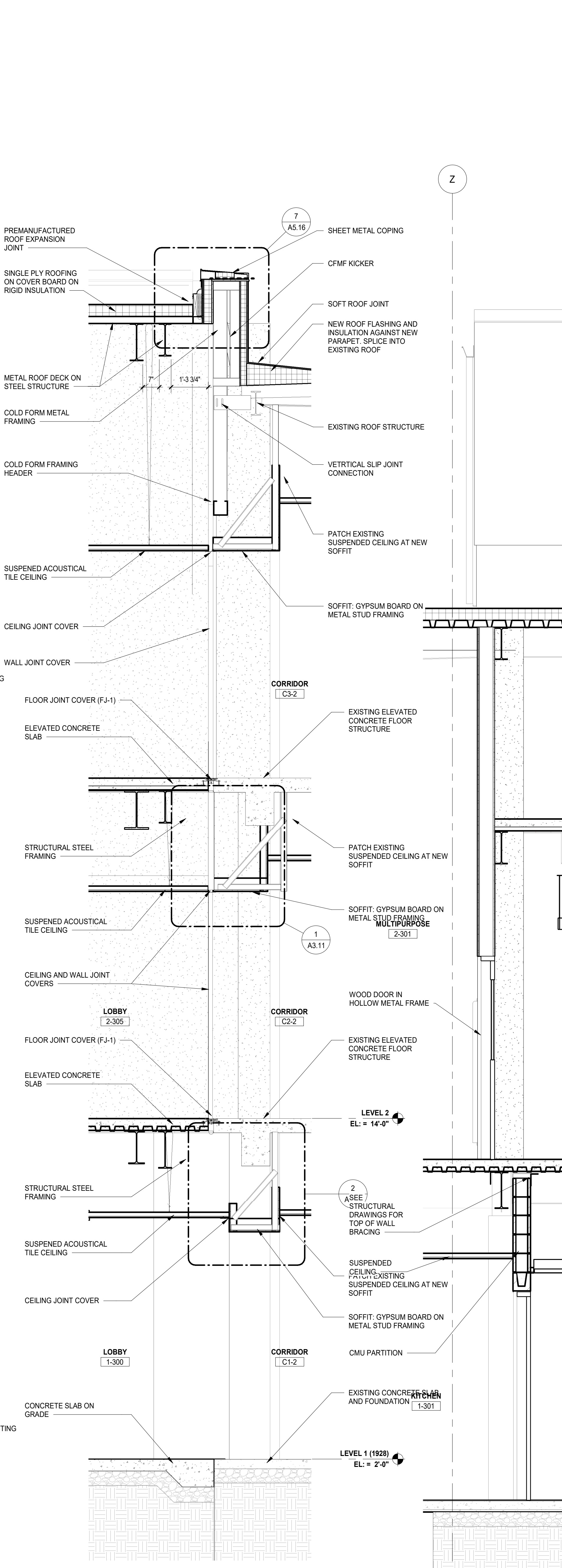
5 WALL SECTION
SCALE: 1/2" = 1'-0"



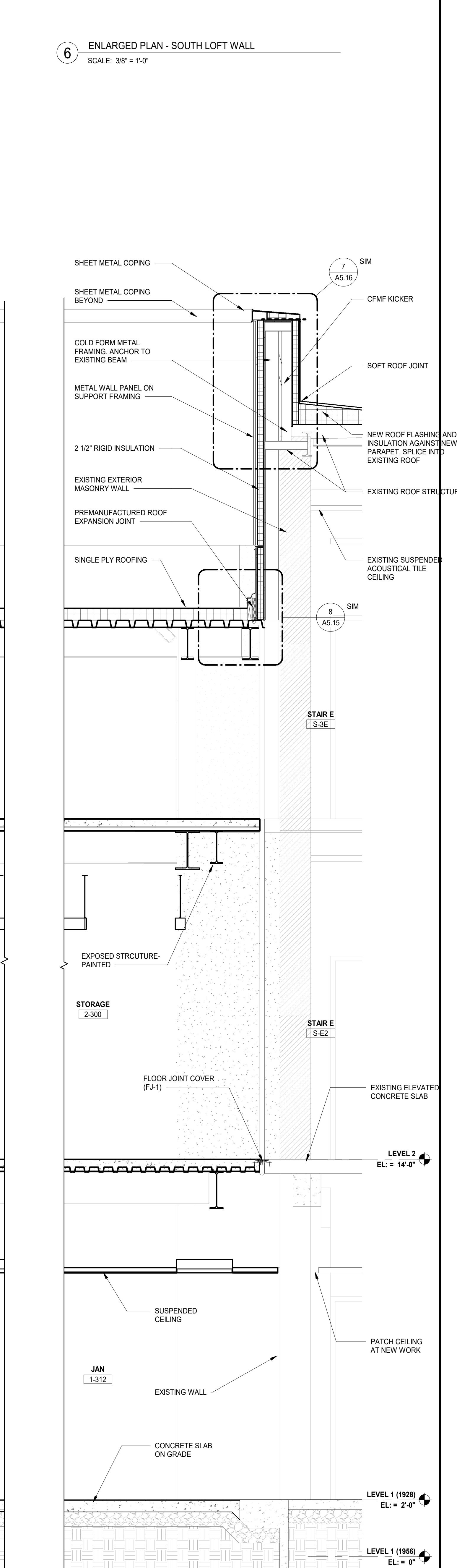
4 WALL SECTION
SCALE: 1/2" = 1'-0"



3 WALL SECTION
SCALE: 1/2" = 1'-0"



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



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

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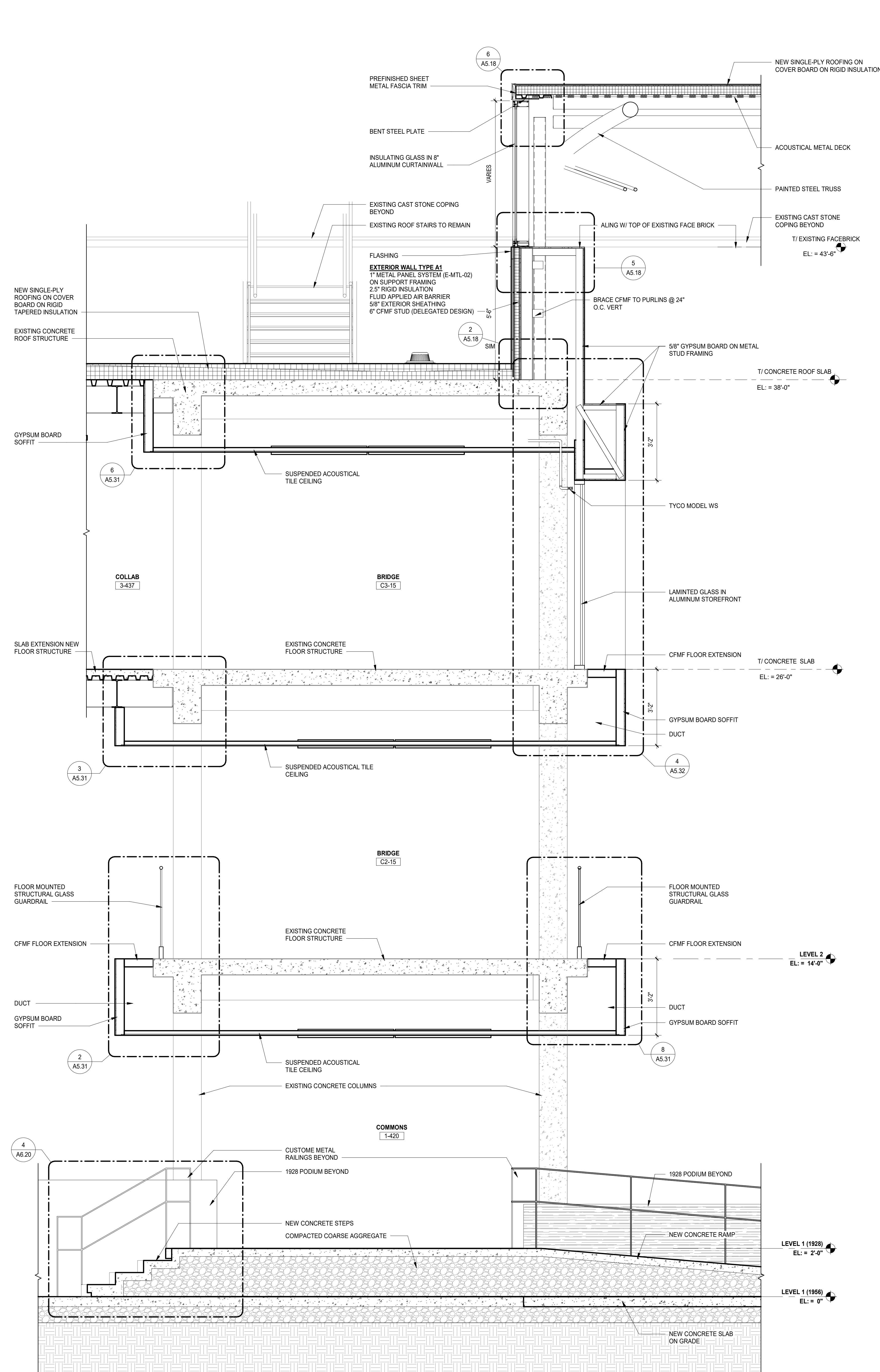
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16 DCI-M3D-16	09/16/2019	
ISSUED FOR CONSTRUCTION - PHASE B	07/28/2019	
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

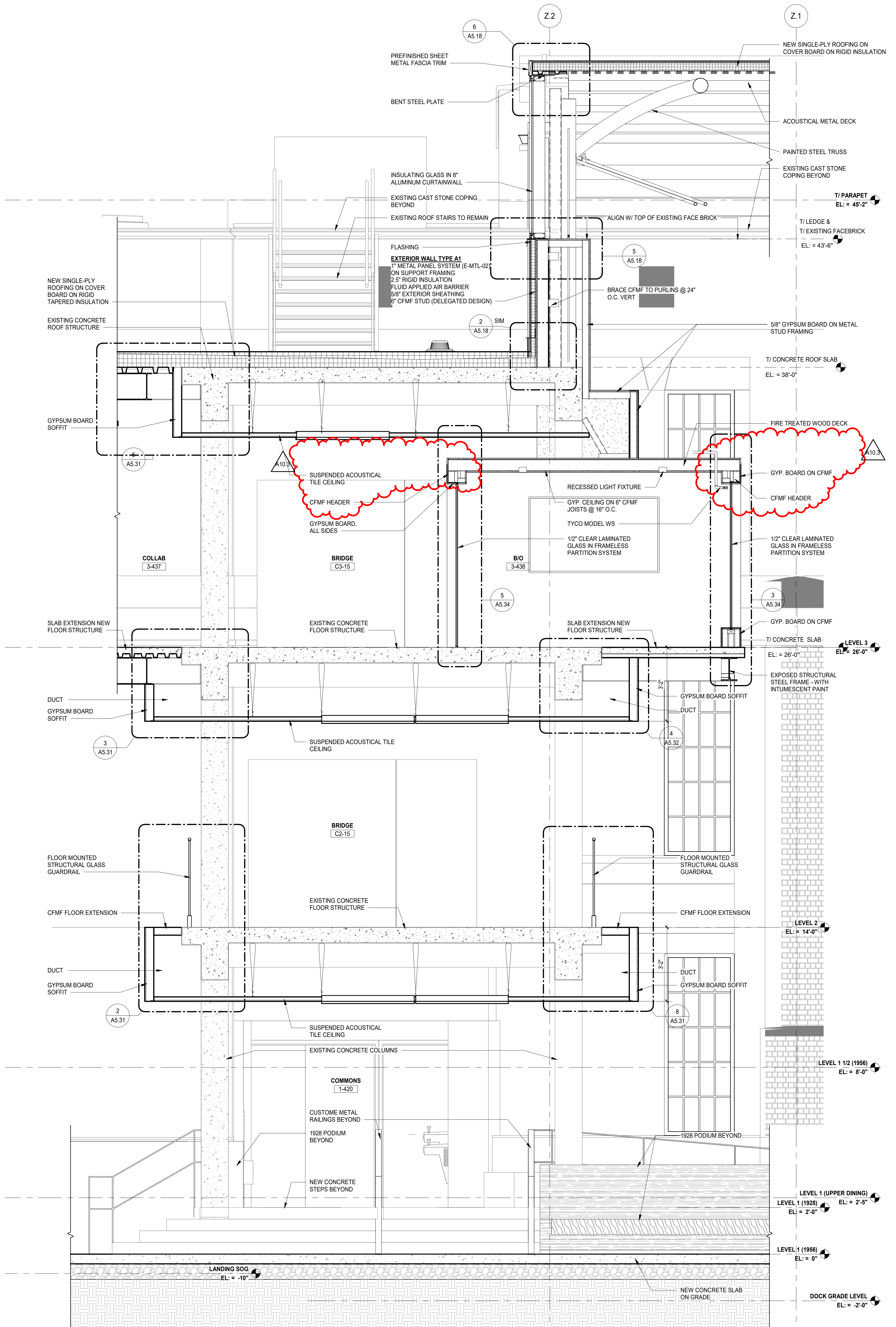
4436 MAIN STREET
DOWNERS GROVE, IL 60515

WALL SECTIONS - AREA B

Project Number:
5274-42
Drawn By:
DS
Sheet:



2 INTERIOR WALL SECTION - BRIDGE
SCALE: 1/2" = 1'-0"



1 INTERIOR WALL SECTION - BRIDGE THRU B/O ROOM
SCALE: 1/2" = 1'-0"

**NOT FOR
CONSTRUCTION**

A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
ISSUED FOR 75% CD - PHASE C 10.14.2019
REV DATE

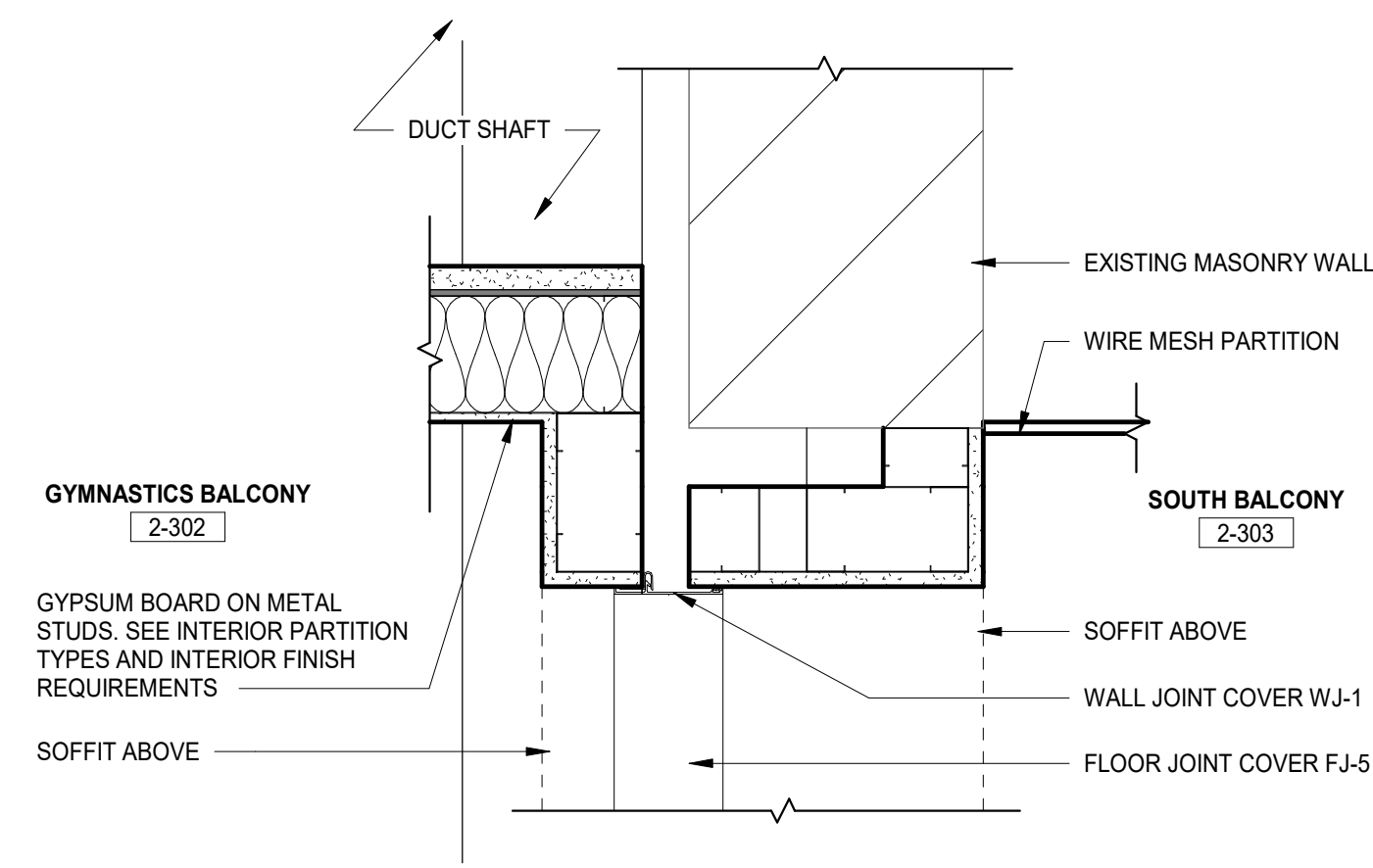
**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

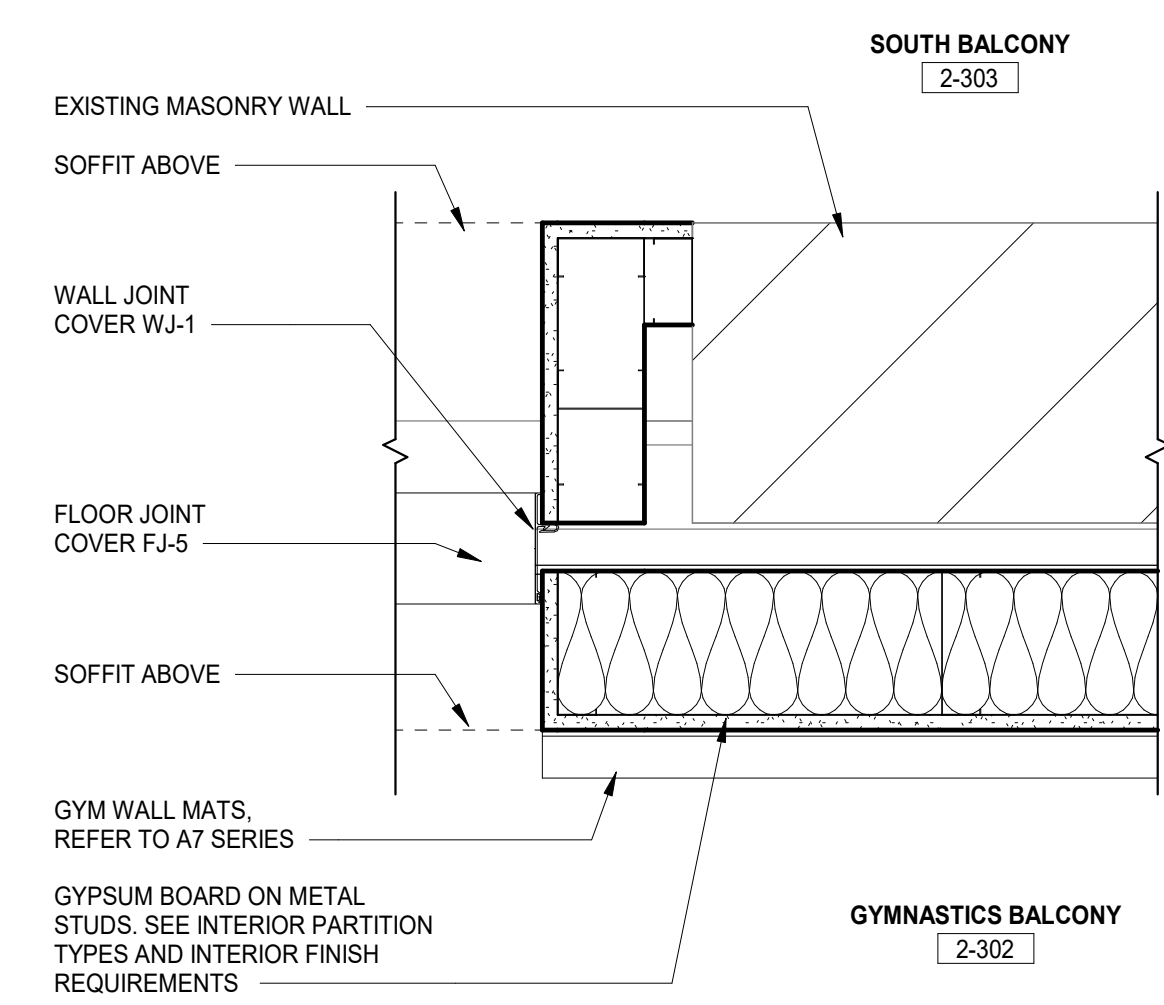
WALL SECTIONS - AREA C

Project Number:
5274-42
Drawn By:
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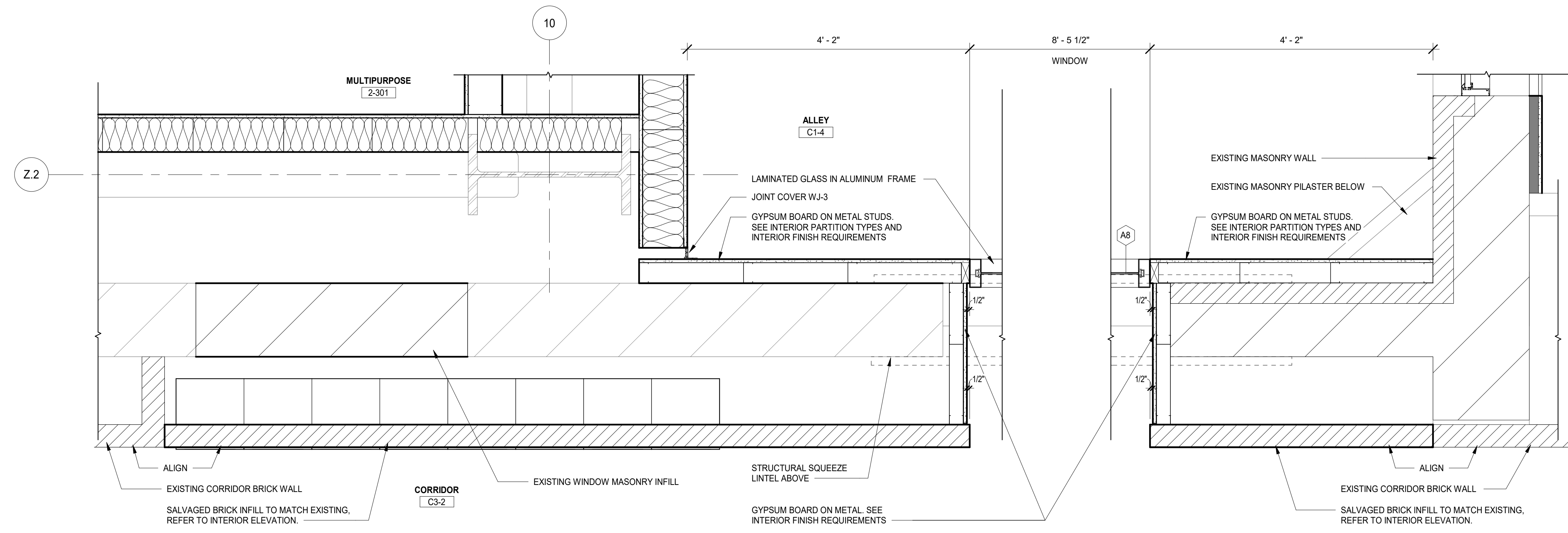
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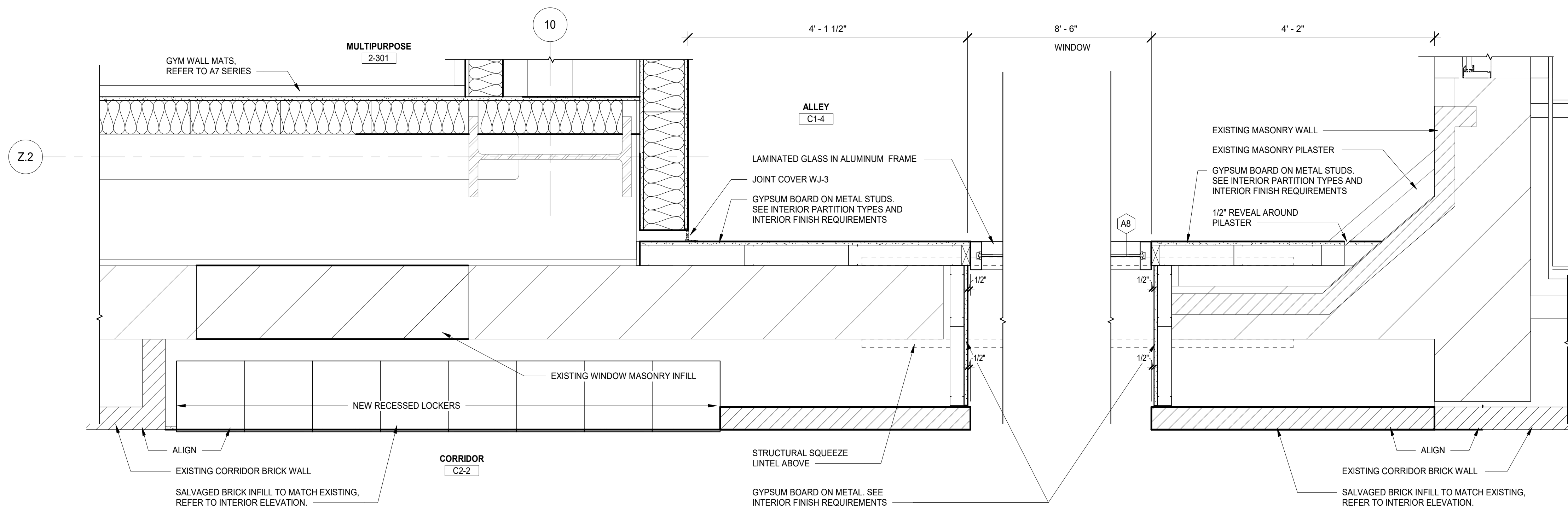
5 GYMNASIICS BALCONY 2-302 - PLAN DETAIL
SCALE: 1/2" = 1'-0"
REF: 1/A2.02B.b



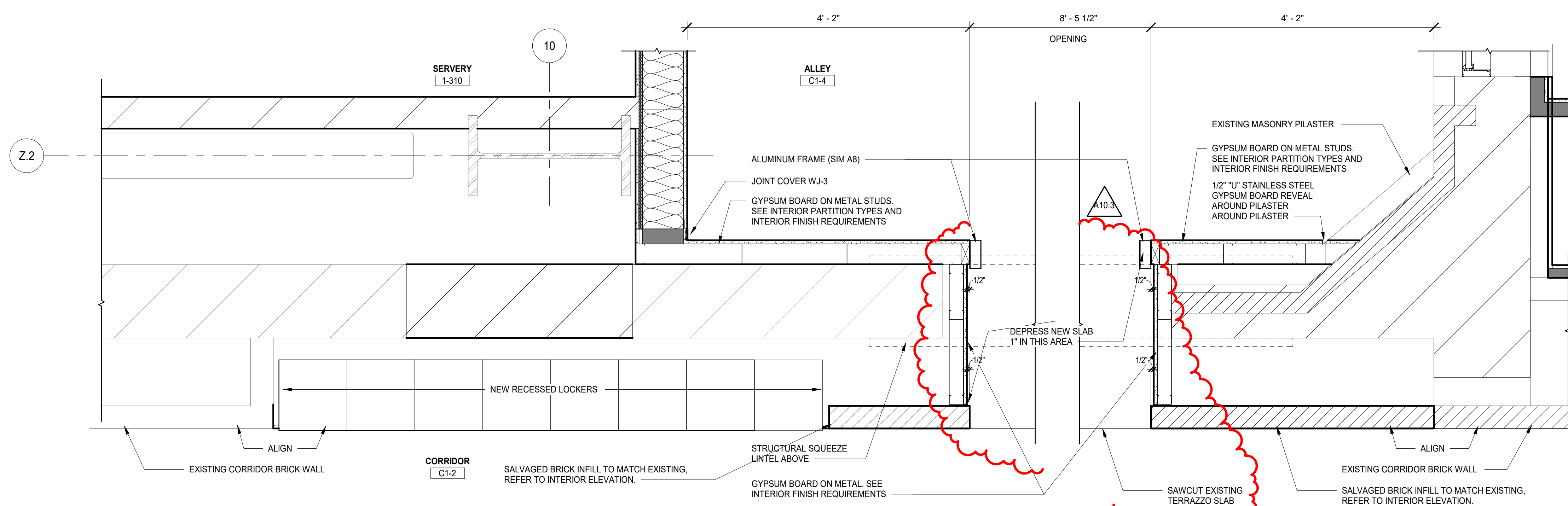
4 GYMNASIICS BALCONY 2-302 - PLAN DETAIL
SCALE: 1/2" = 1'-0"
REF: 1/A2.02B.b



1 LEVEL 3 - CORRIDOR C3-1
SCALE: 1" = 1'-0"
REF: 1/A2.02B.b



2 LEVEL 2 - CORRIDOR C2-1
SCALE: 1" = 1'-0"
REF: 1/A2.02B.b



3 LEVEL 1 - CORRIDOR C1-2
SCALE: 1" = 1'-0"
REF: 1/A2.01B.b

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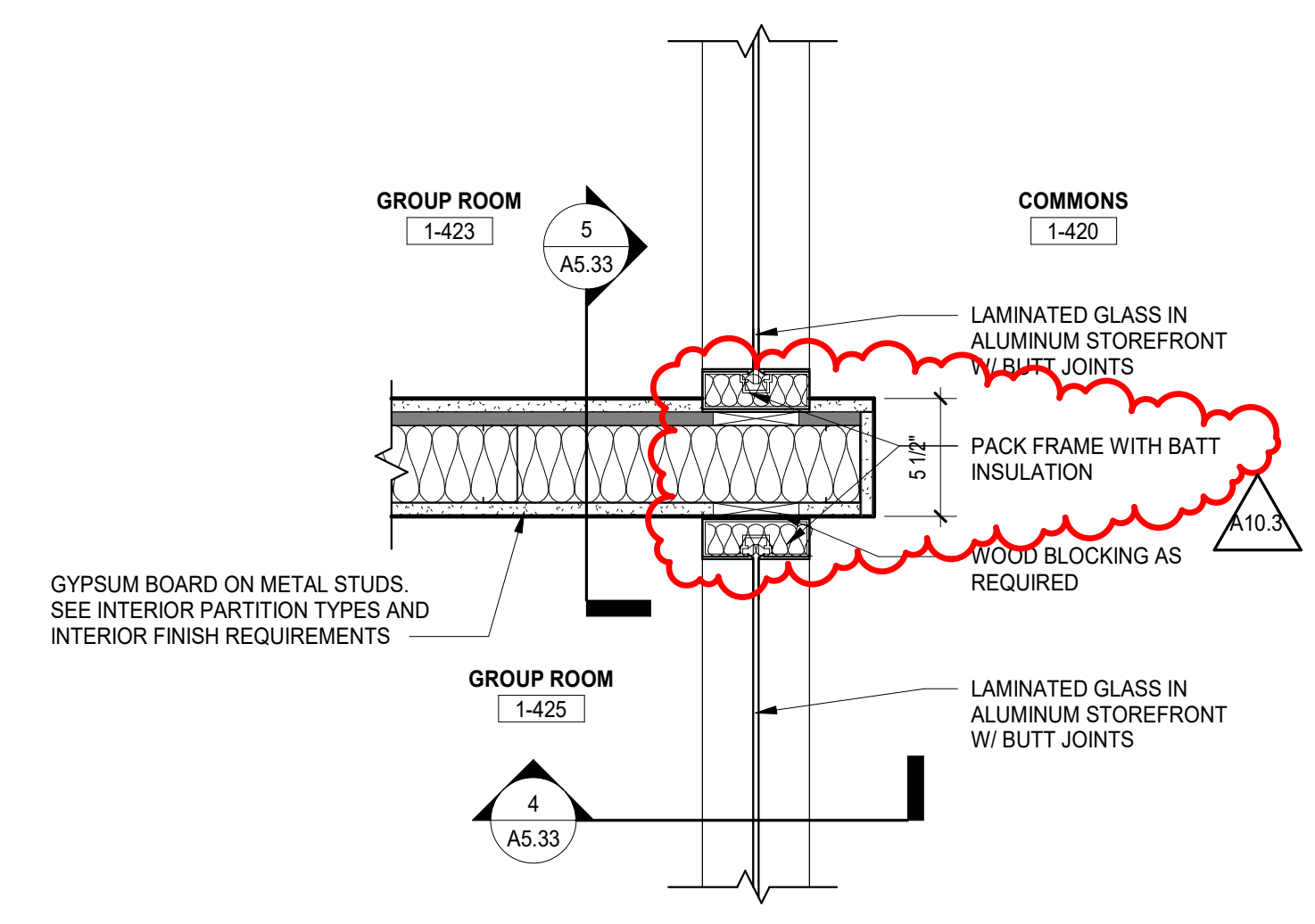
REV	ISSUE	DATE
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**MFP
IMPLEMENTATION -
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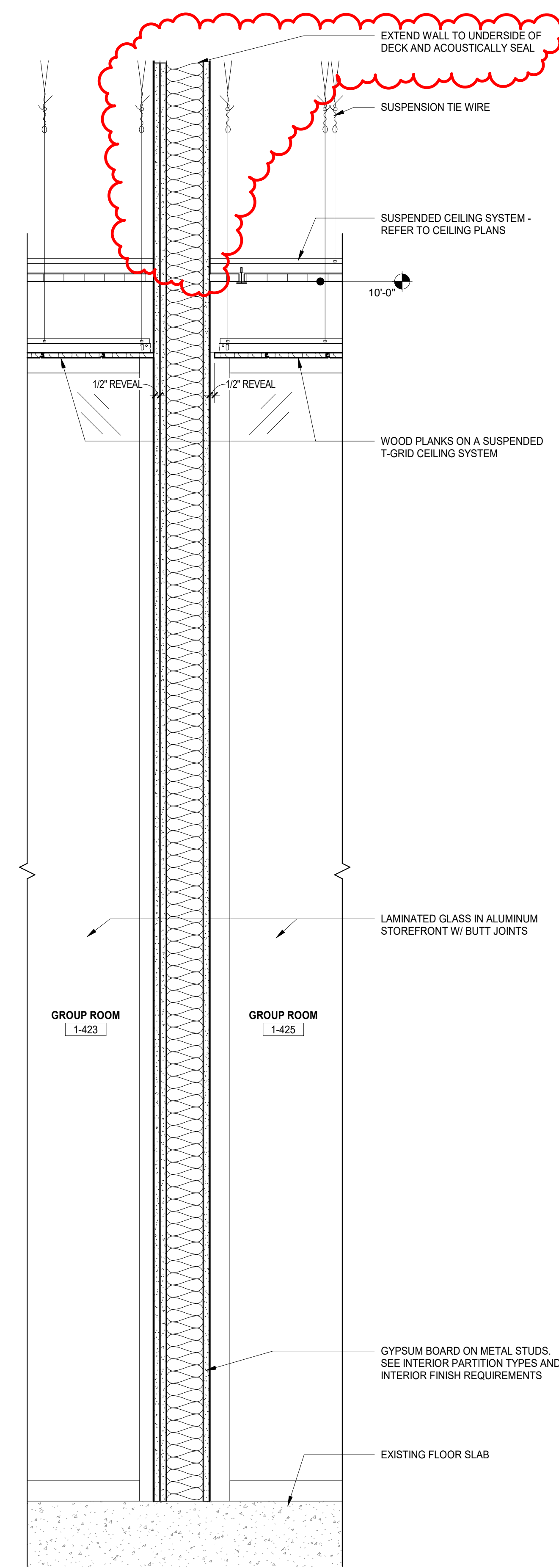
4436 MAIN STREET
DOWNERS GROVE, IL 60515

PLAN DETAILS - AREA B

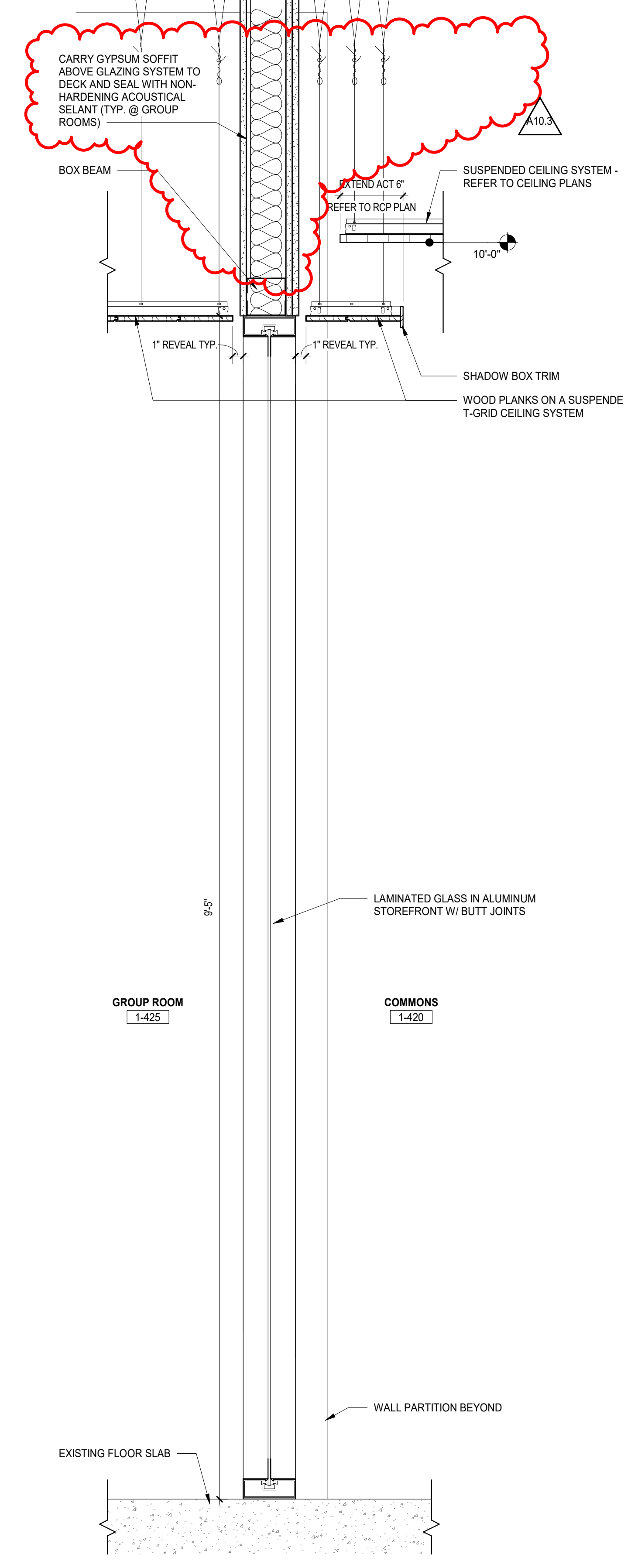
Project Number:
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Sheet:



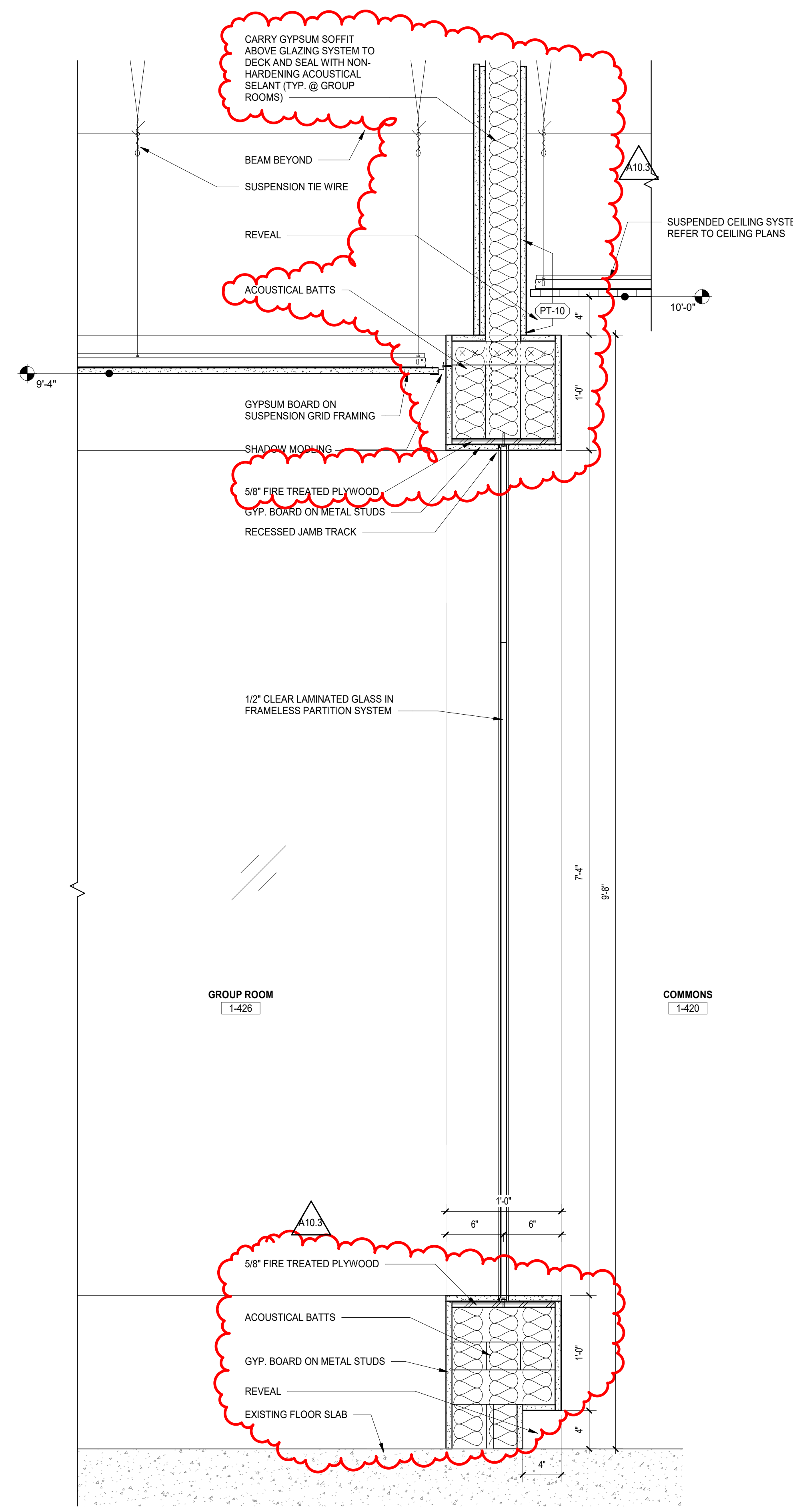
3 PLAN DETAIL @ GROUP ROOM 1-423 & 1-425
SCALE: 1 1/2" = 1'-0"
REF: 2/ A2.31



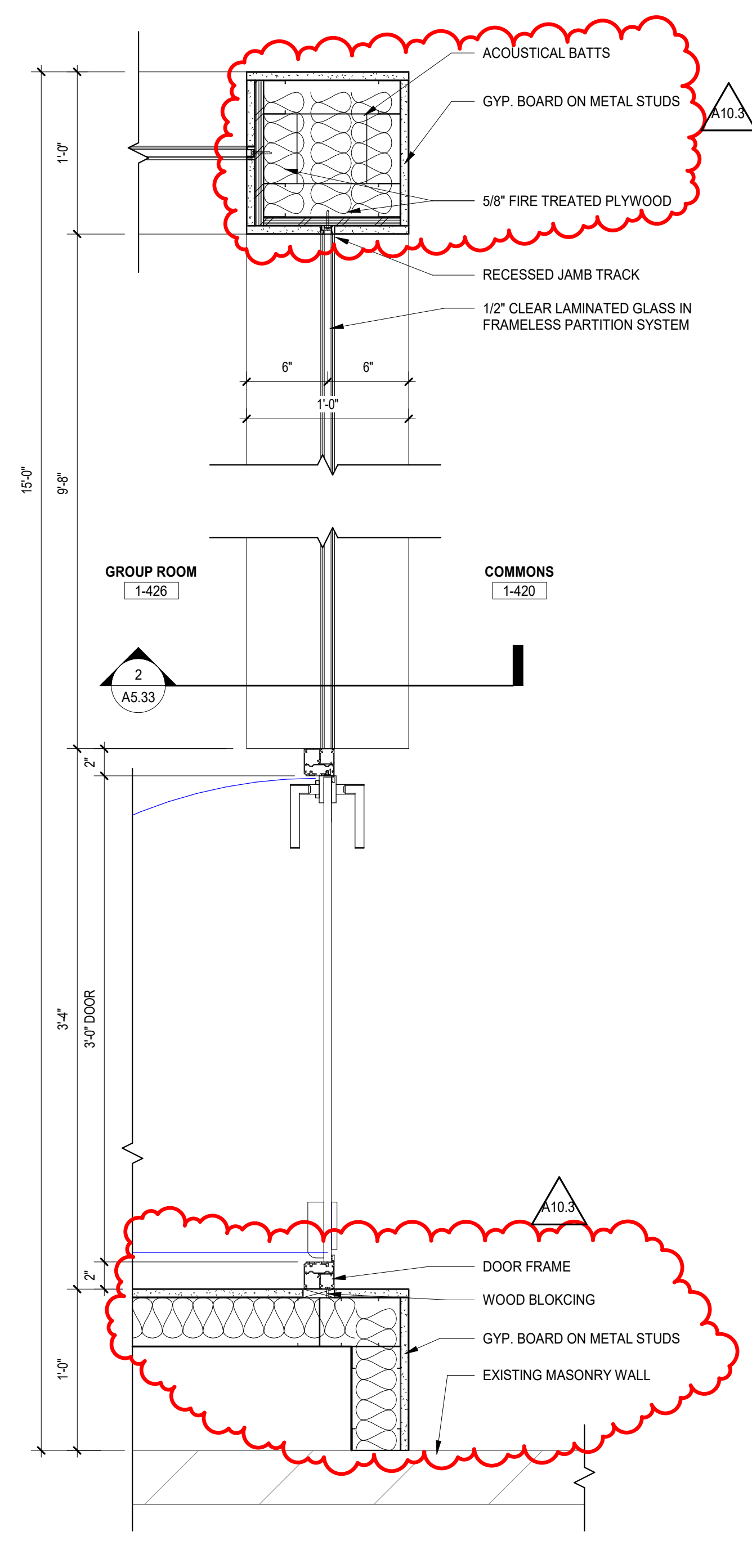
5 SECTION DETAIL @ GROUP ROOM 1-423 & 1-425
SCALE: 1 1/2" = 1'-0"
REF: 1/ A3.01C



4 SECTION DETAIL @ GROUP ROOM 1-425
SCALE: 1 1/2" = 1'-0"
REF: 1/ A3.01C



2 SECTION DETAIL @ GROUP ROOM 1-426
SCALE: 1 1/2" = 1'-0"
REF: 1/ A3.01C



1 PLAN DETAIL @ GROUP ROOM 1-426
SCALE: 1 1/2" = 1'-0"
REF: 2/ A2.31

NOT FOR CONSTRUCTION

A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
REV. DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

PLAN DETAILS - AREA C

Project Number:
5274-42
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Sheet:

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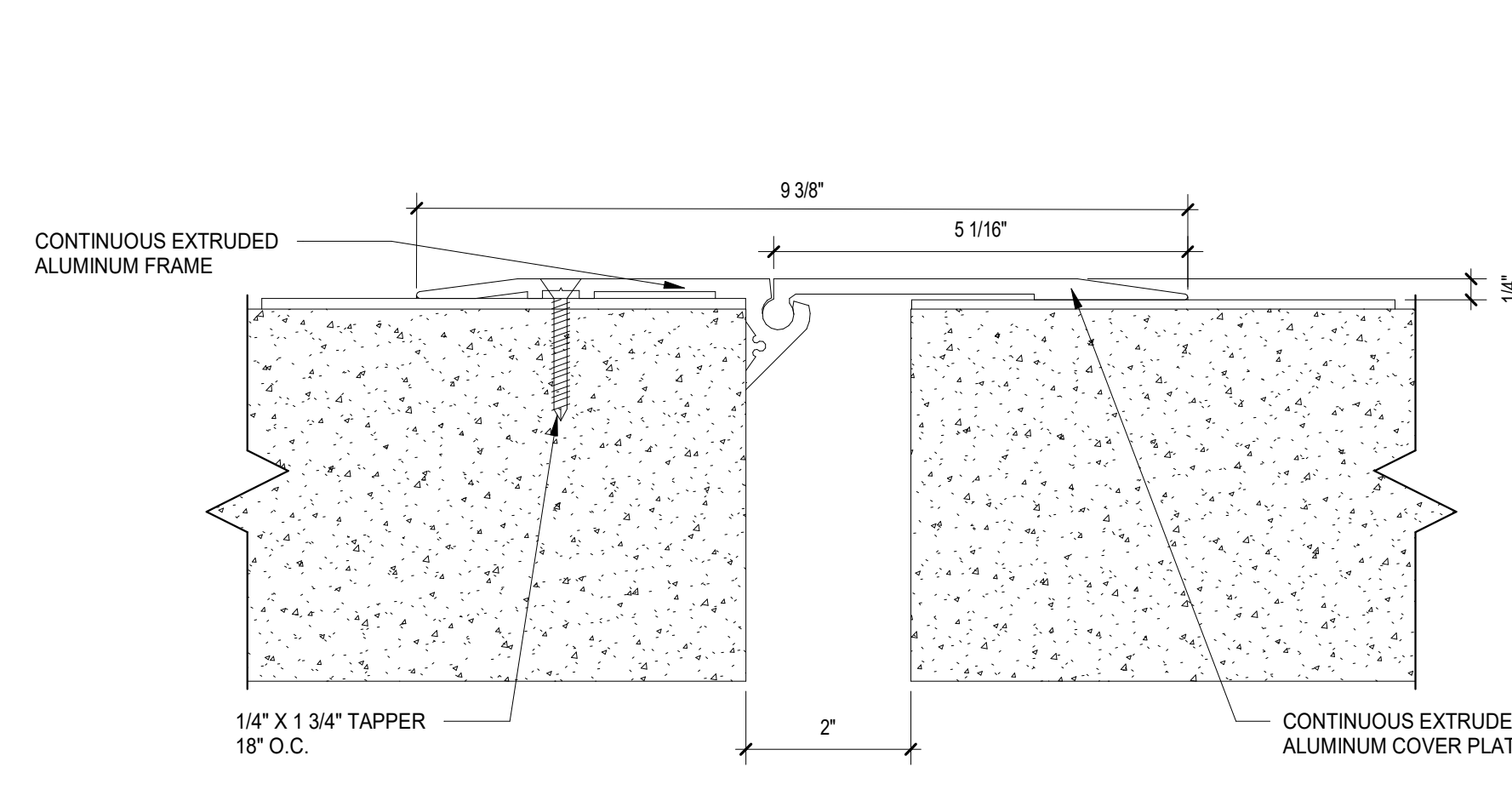
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ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
ISSUED FOR 75% CD - PHASE C 10.14.2019
REV ISSUE DATE

**MFP
IMPLEMENTATION -
NORTH**

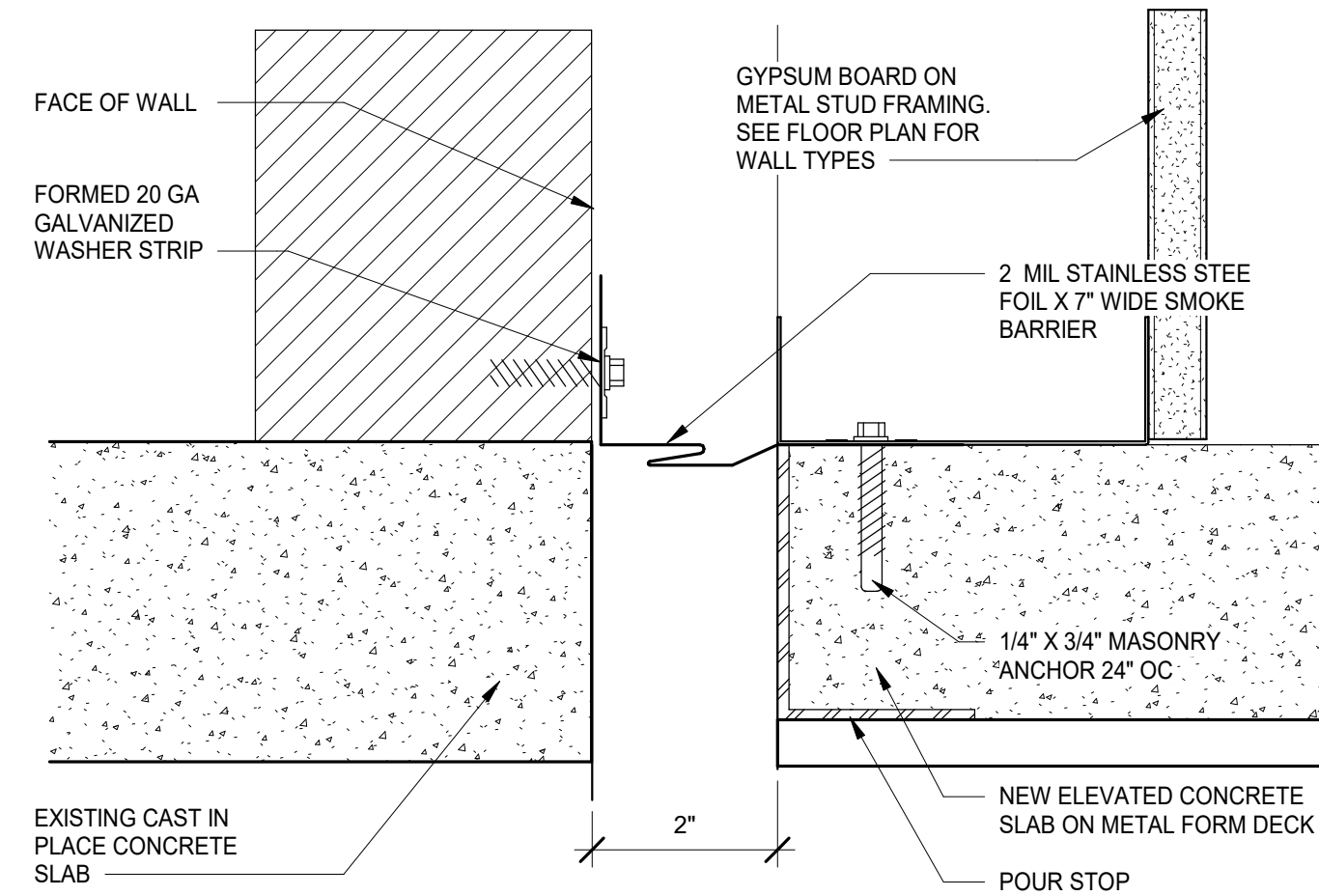
4436 MAIN STREET
DOWNERS GROVE, IL 60515

INTERIOR ELEVATIONS

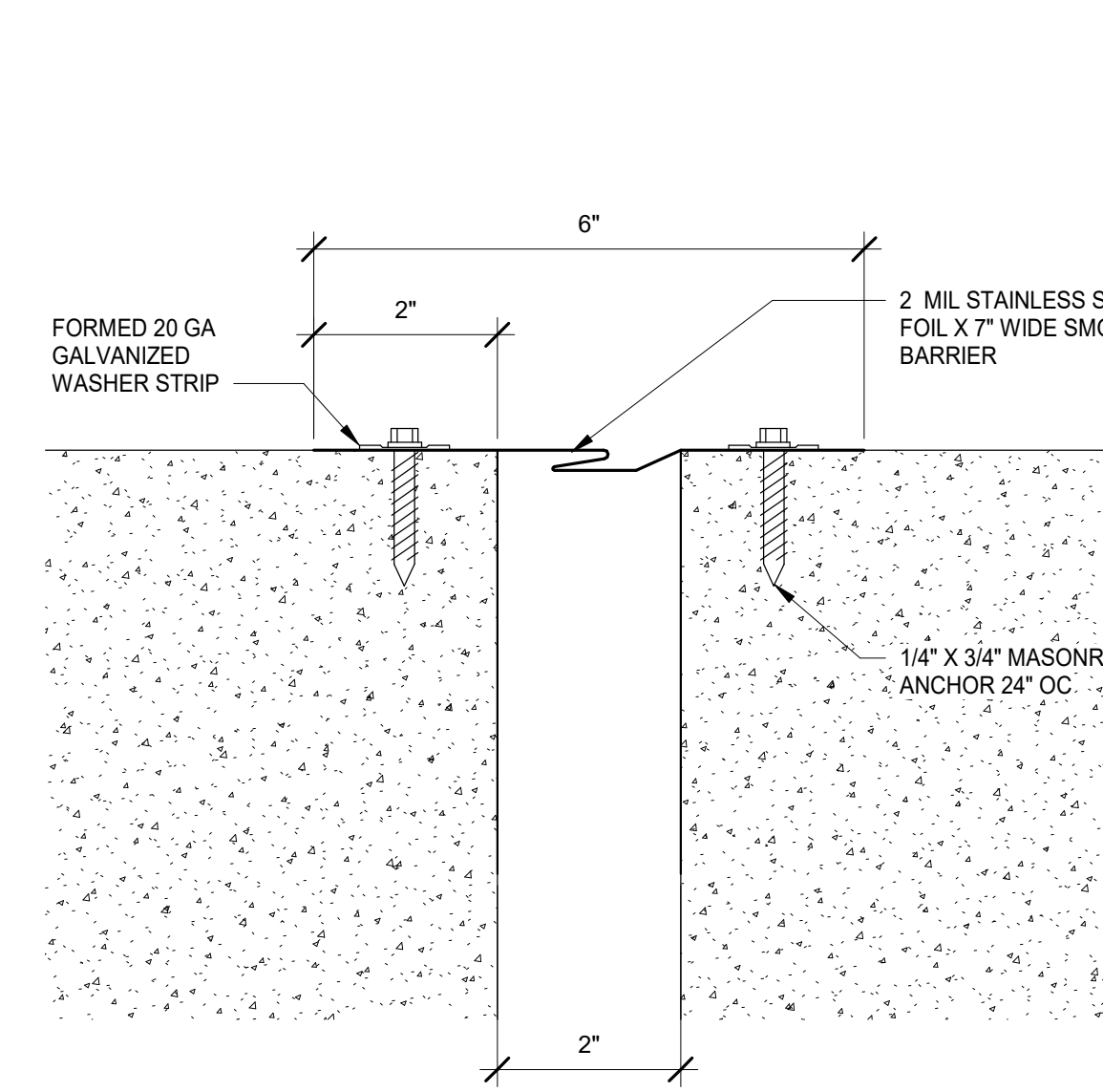
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5274-42
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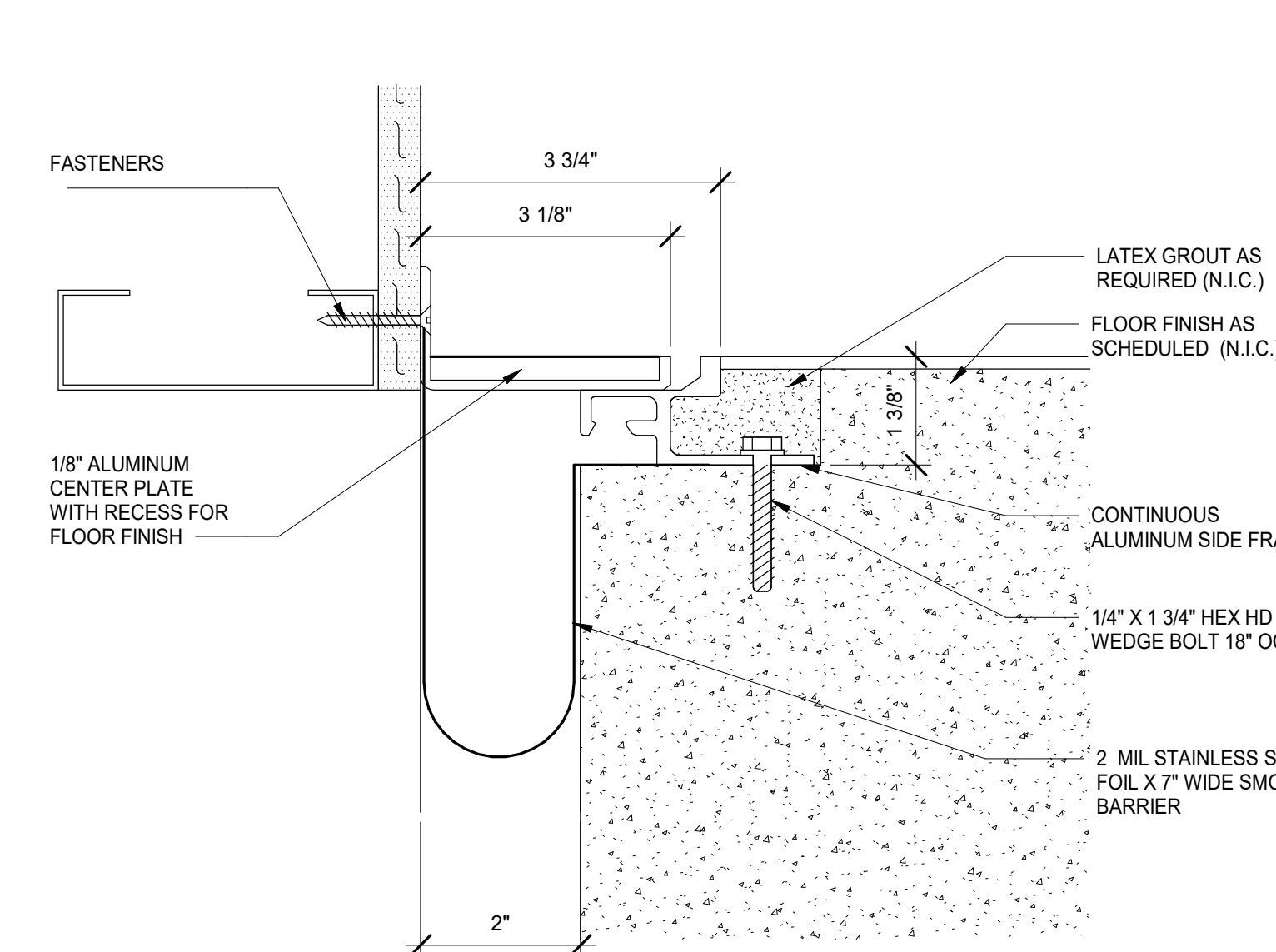
FLOOR JOINT FJ-5



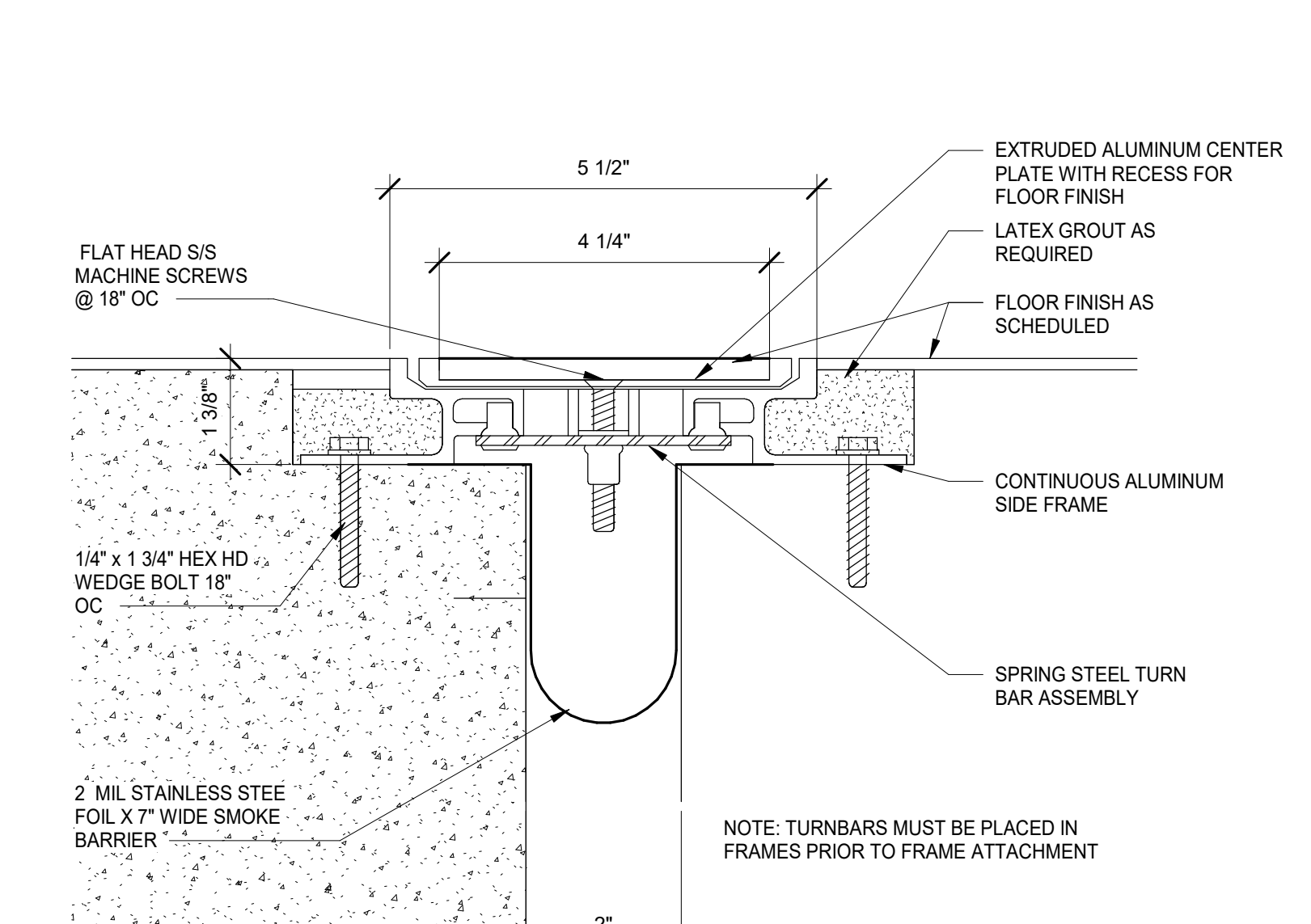
FLOOR JOINT FJ-4



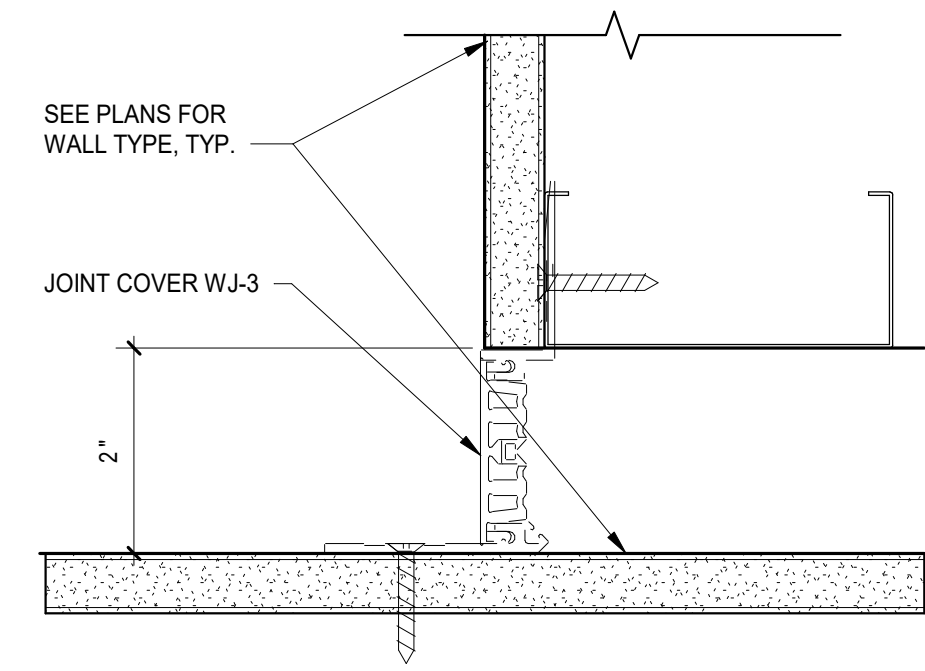
FLOOR JOINT FJ-3



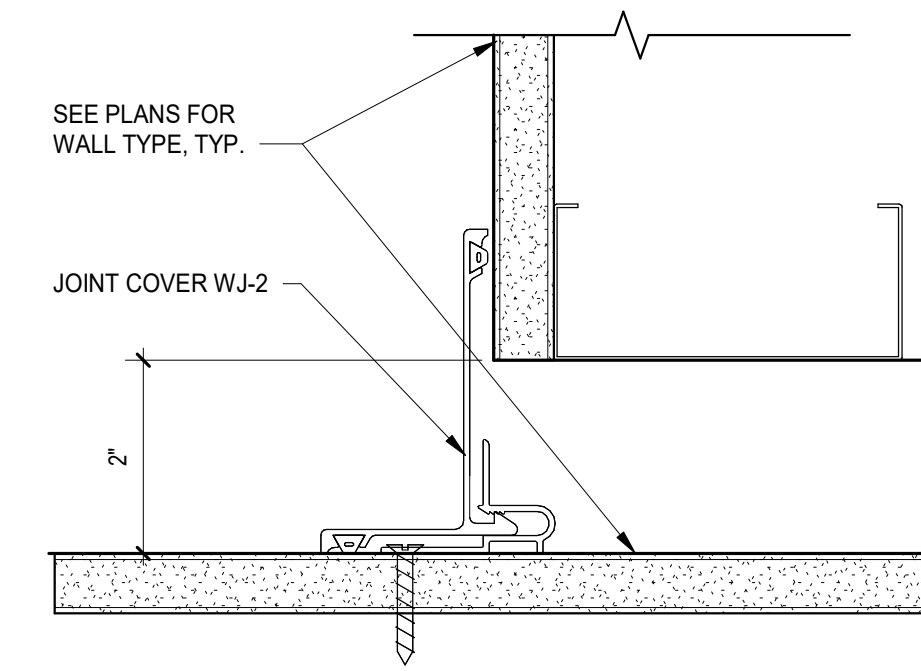
FLOOR JOINT FJ-2



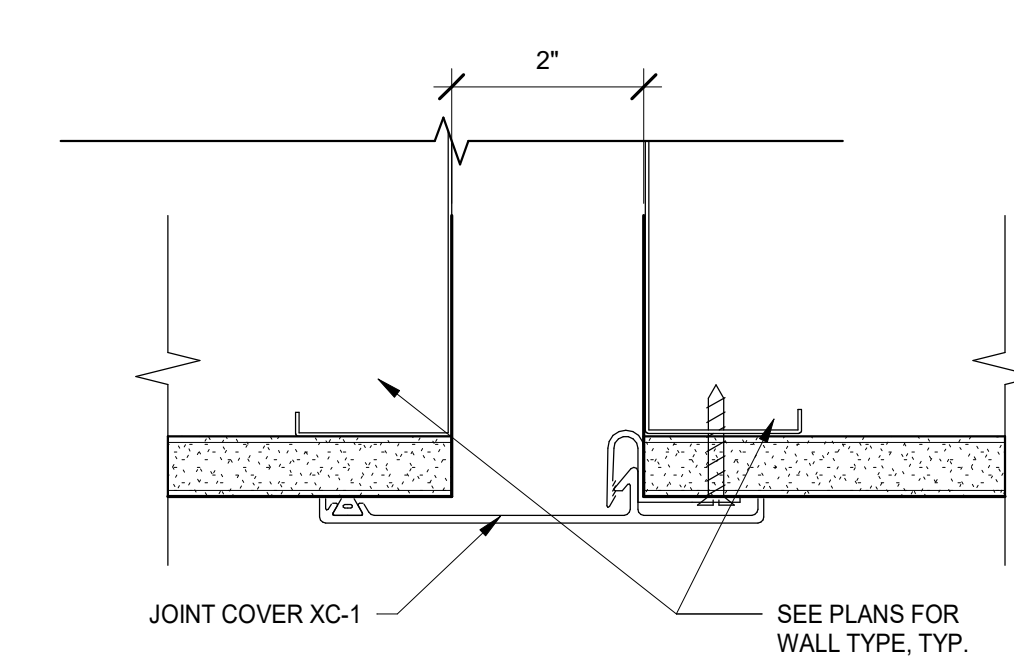
FLOOR JOINT FJ-1



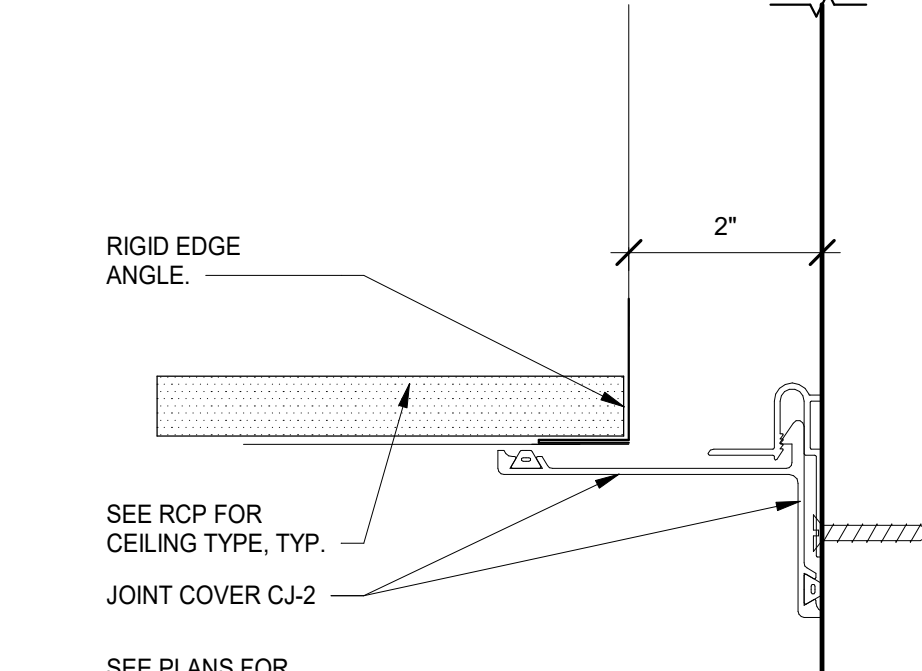
WALL JOINT WJ-3



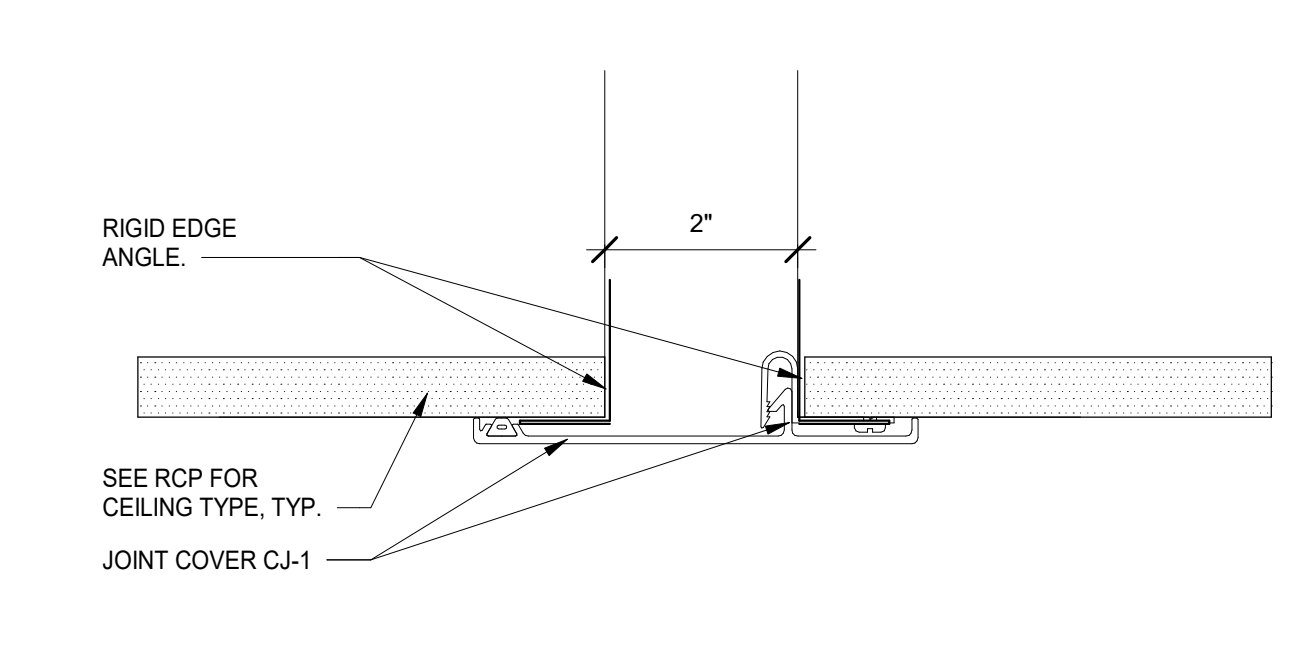
WALL JOINT WJ-2



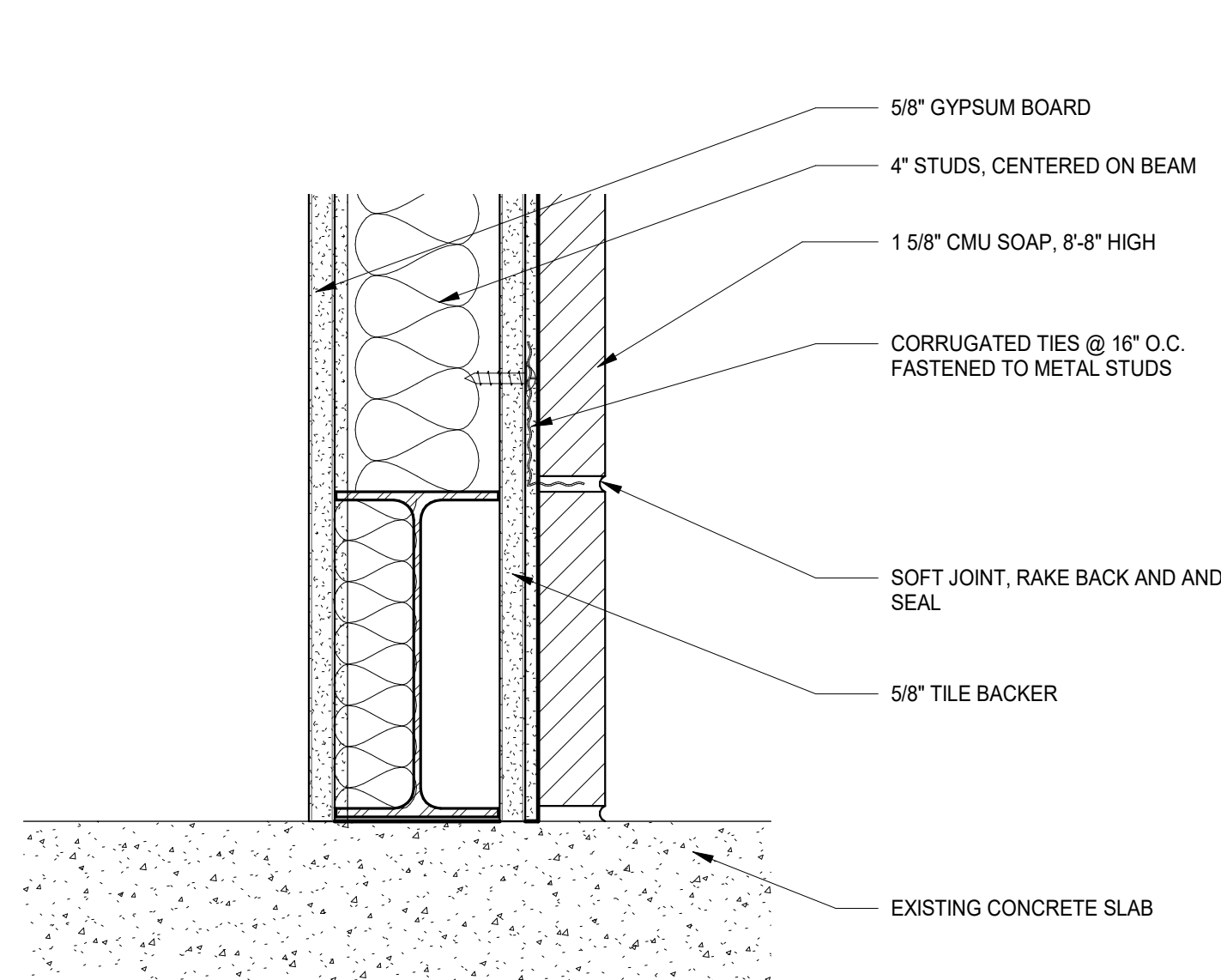
WALL JOINT WJ-1



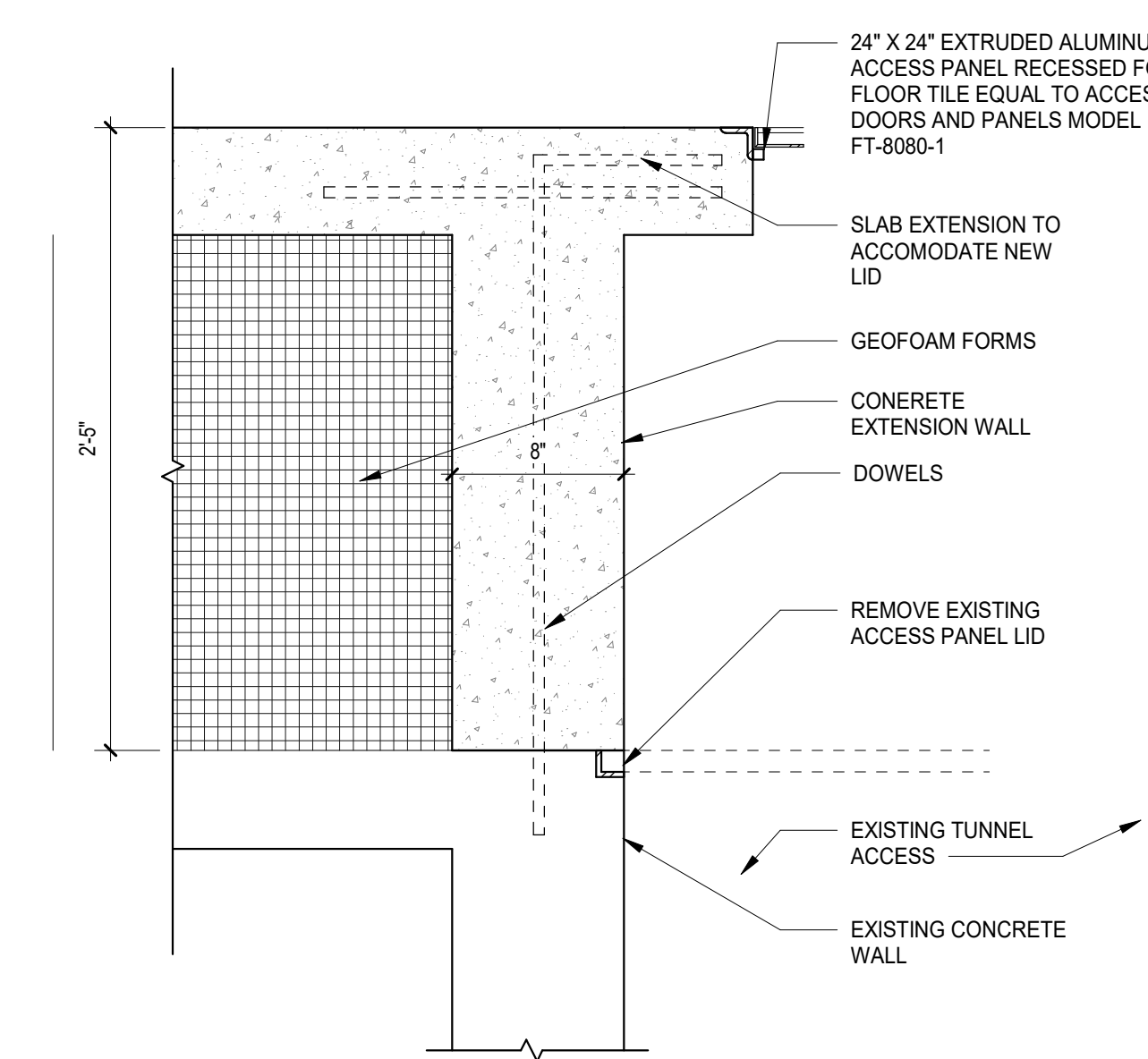
CEILING JOINT CJ-2



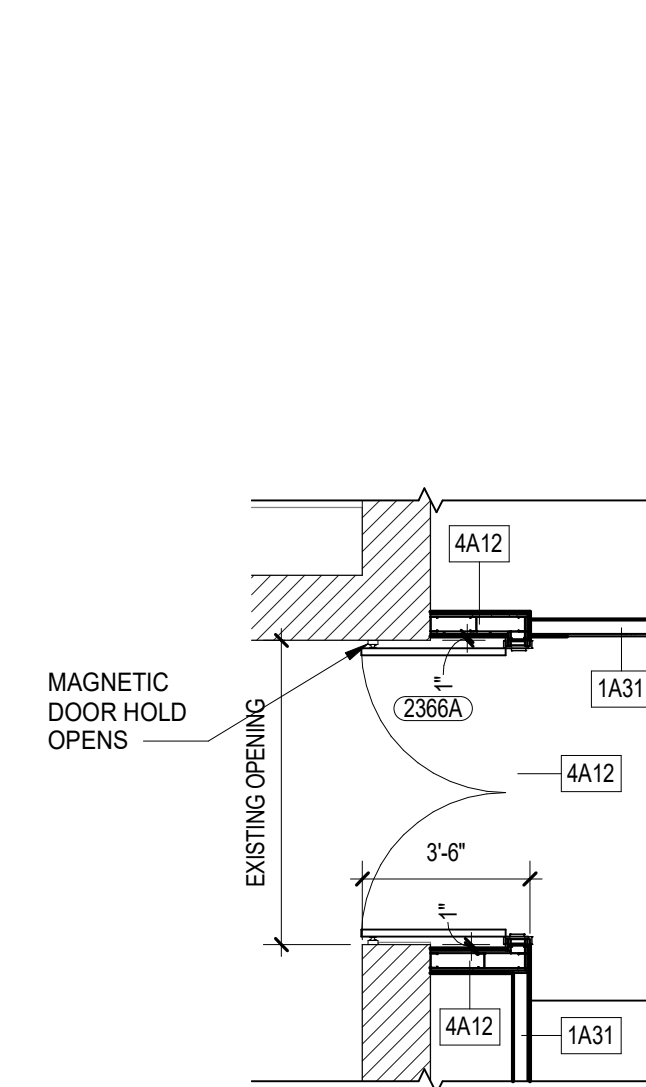
CEILING JOINT CJ-1



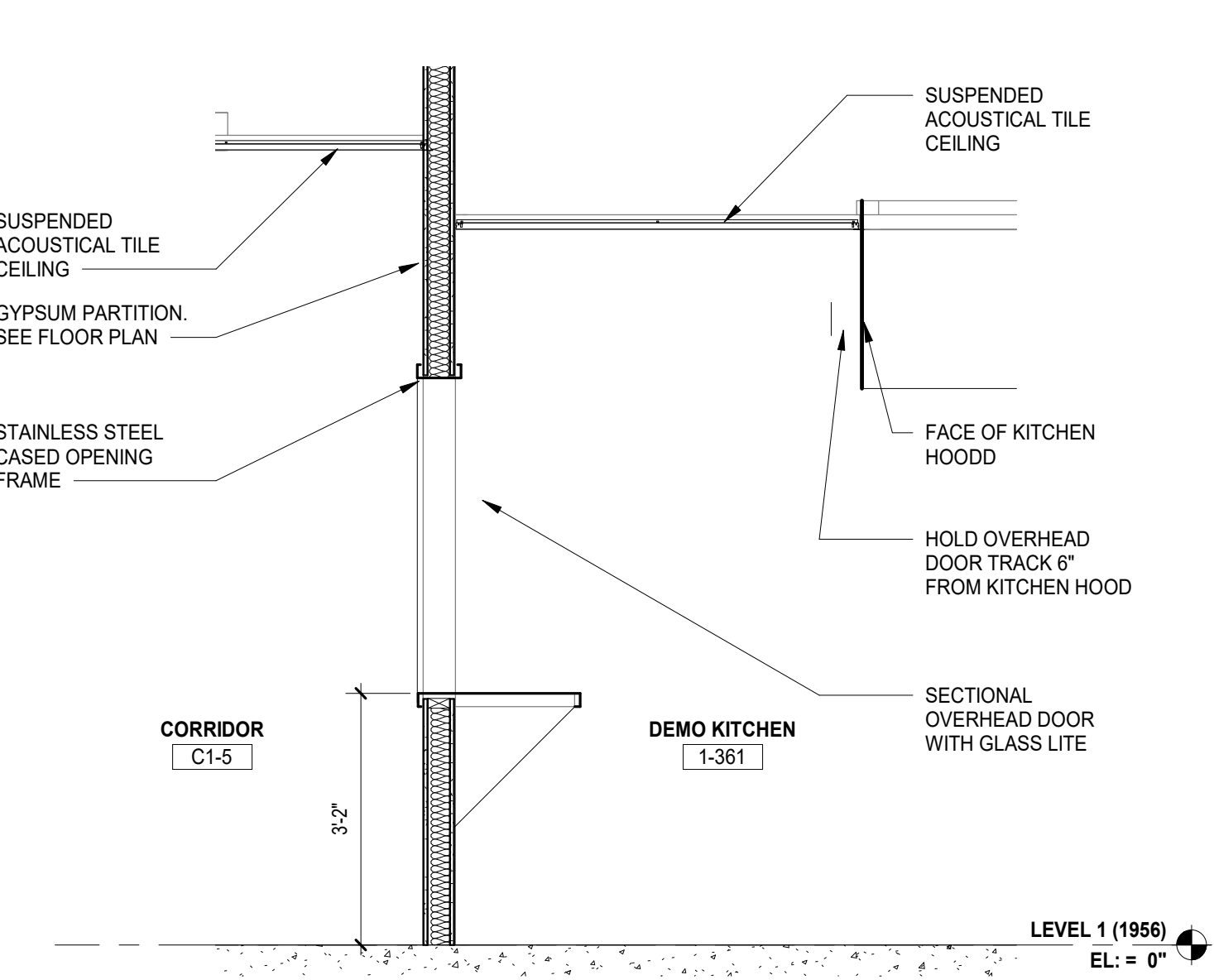
11 SECTION DETAIL - CORRIDOR C1-50 WALL BASE
SCALE: 3/4" = 1'-0"



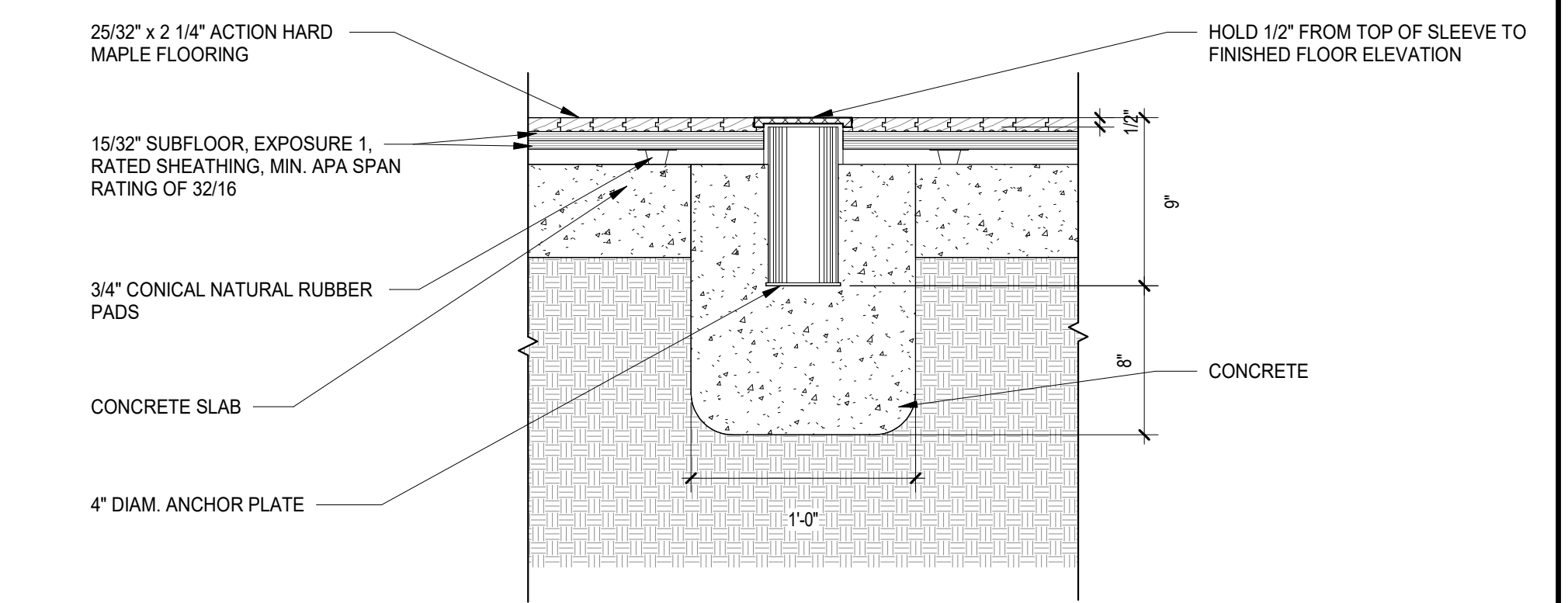
10 TUNNEL LID DETAIL 1
SCALE: 1 1/2" = 1'-0"



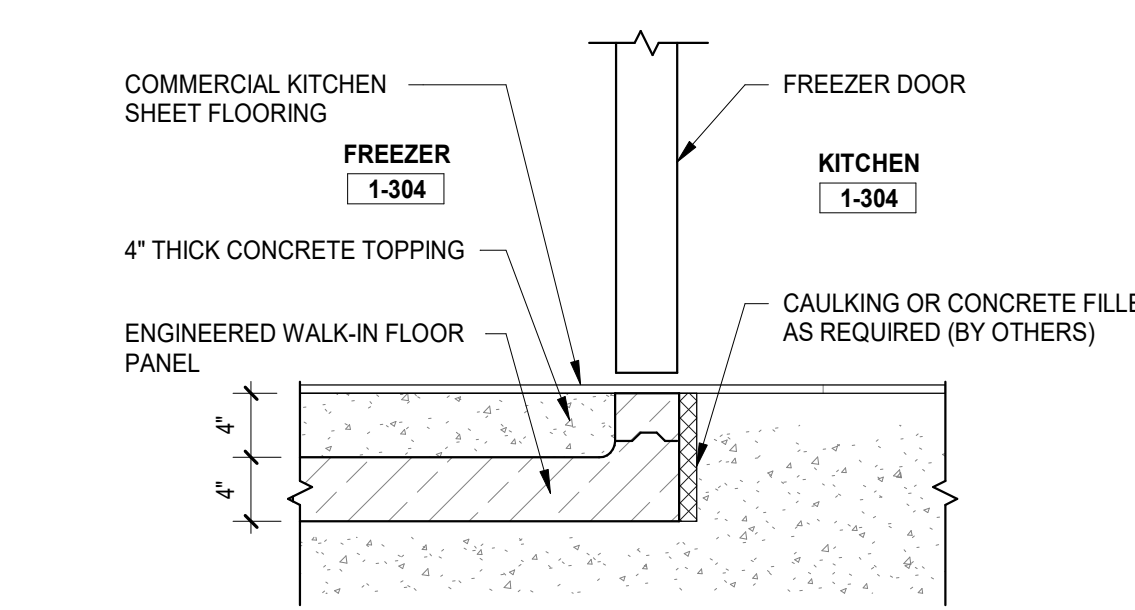
7 ENLARGED PLAN DETAIL - WEST LRC ENTRANCE
SCALE: 1/4" = 1'-0"



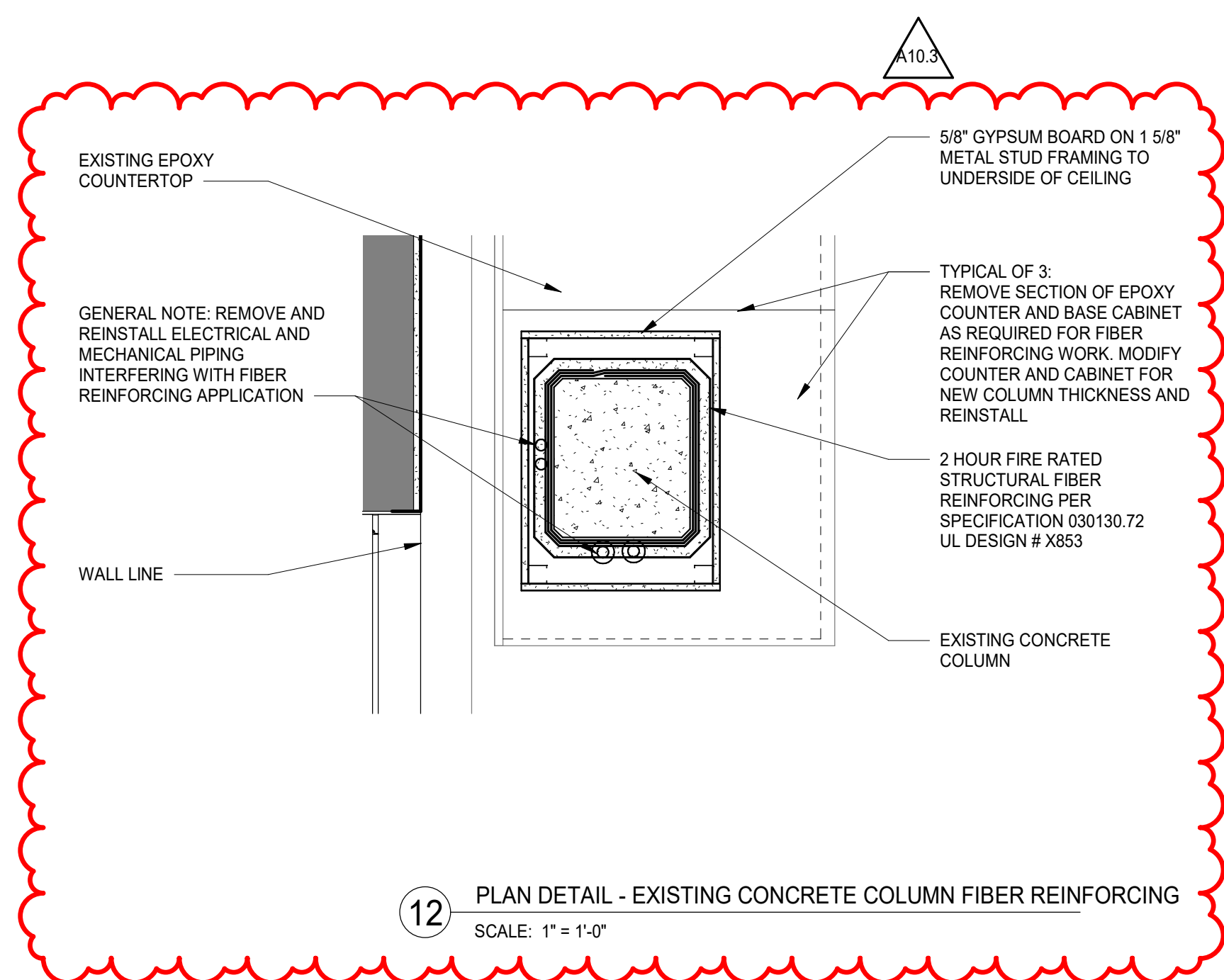
5 SECTION - DEMO KITCHEN OVERHEAD DOOR
SCALE: 1/2" = 1'-0"



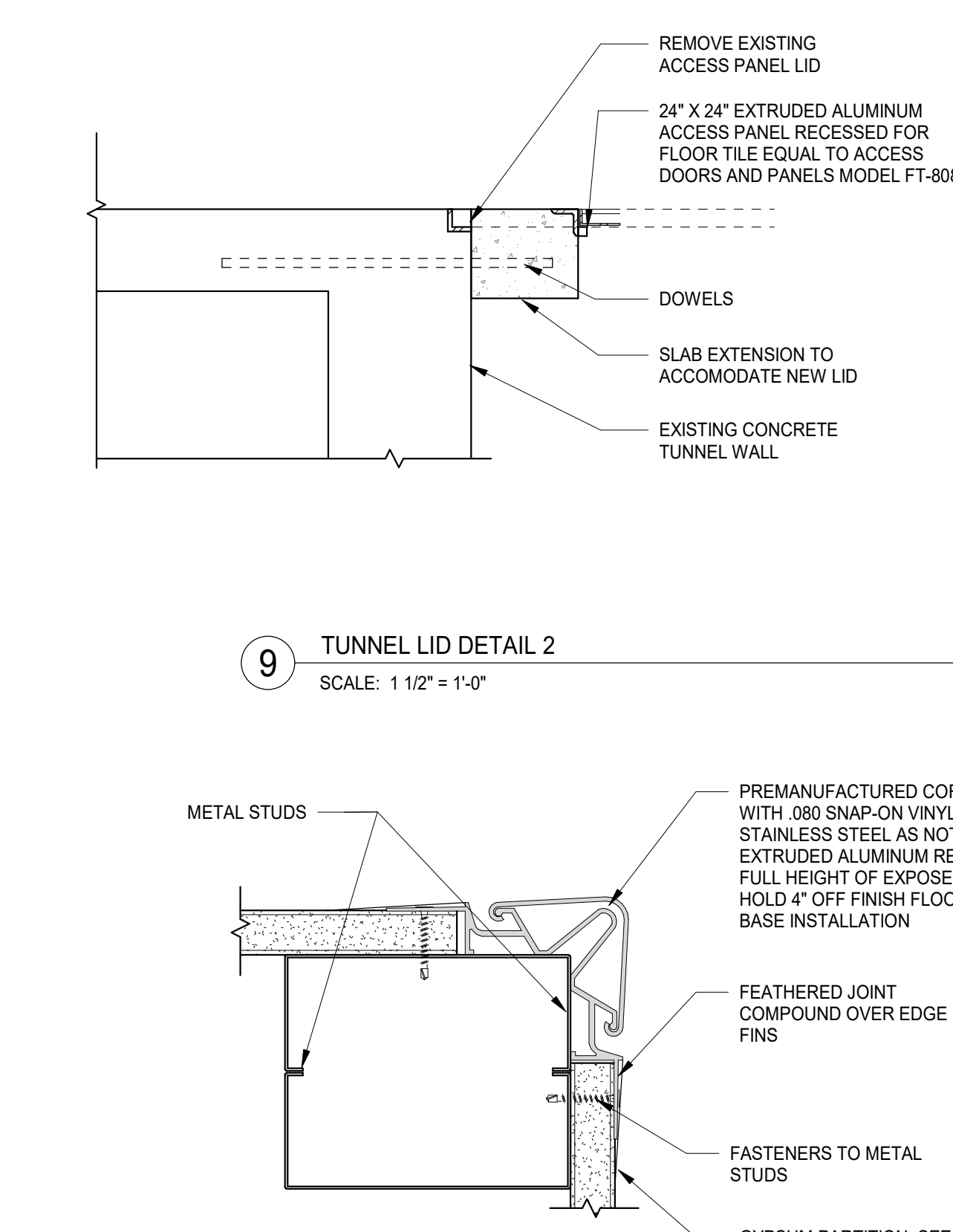
1 VOLLEYBALL SLEEVE DETAIL
SCALE: 1 1/2" = 1'-0"



2 TYPICAL FREEZER SLAB DETAIL
SCALE: 1" = 1'-0"

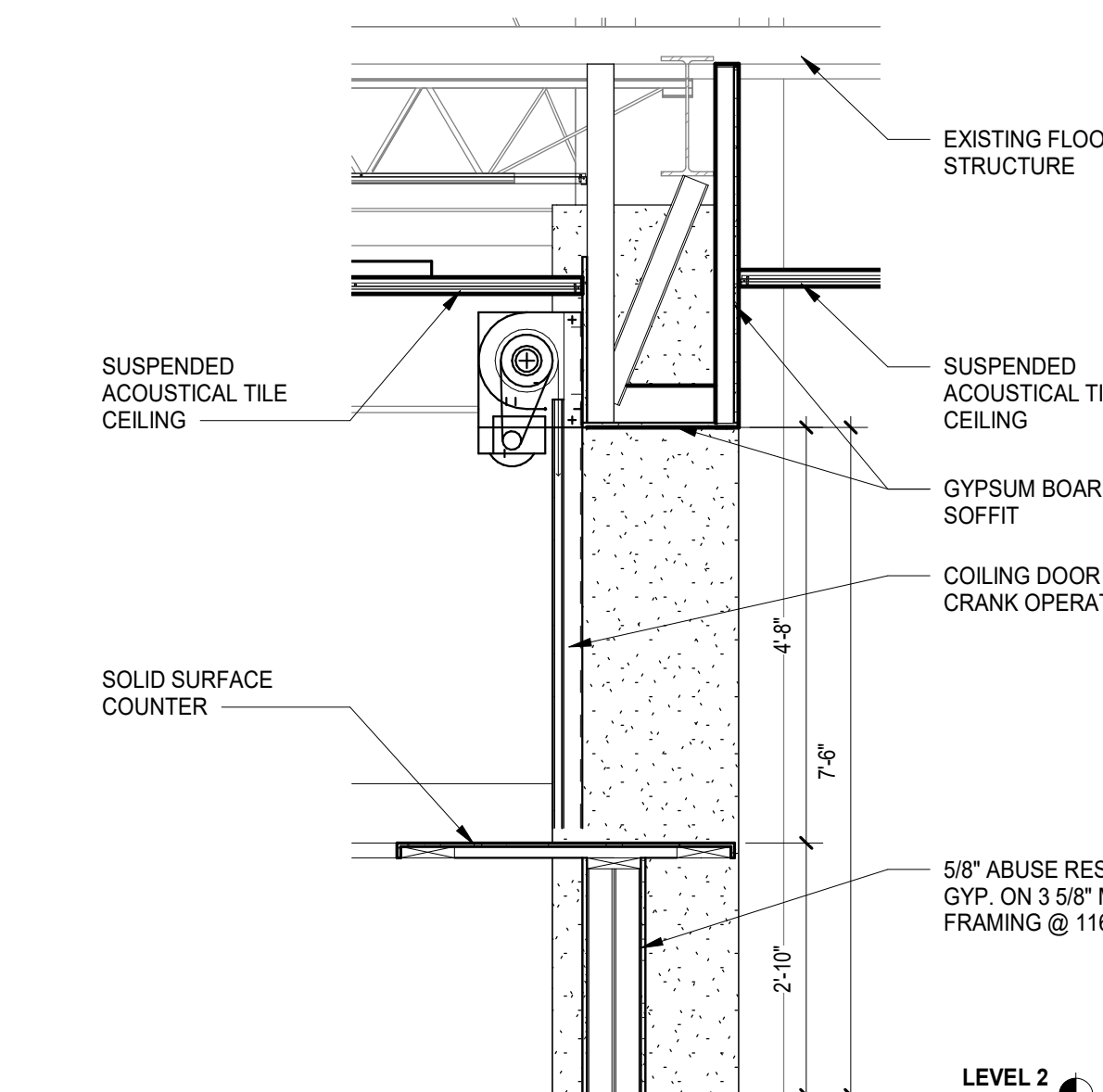


12 PLAN DETAIL - EXISTING CONCRETE COLUMN FIBER REINFORCING
SCALE: 1" = 1'-0"

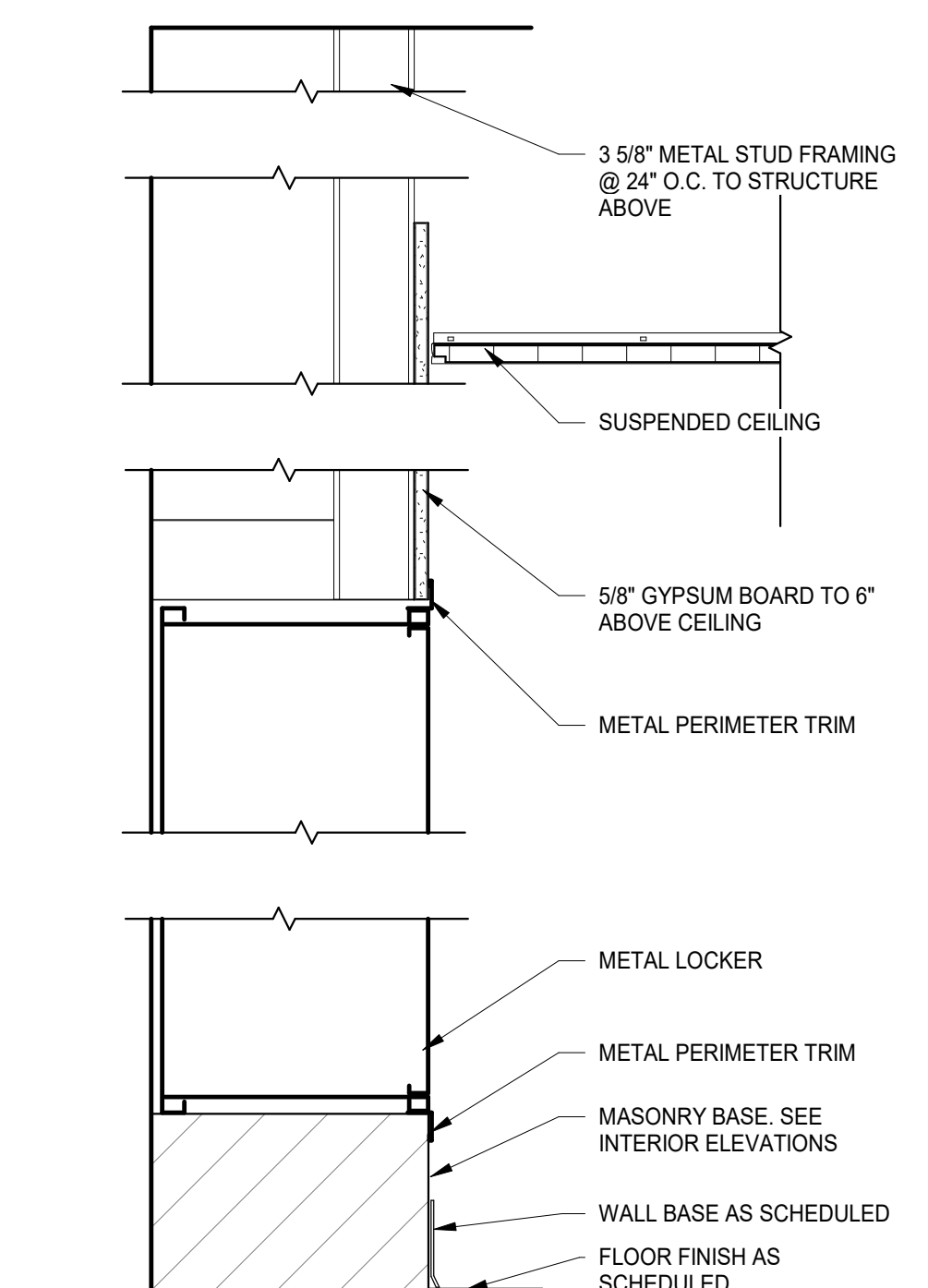


9 TUNNEL LID DETAIL 2
SCALE: 1 1/2" = 1'-0"

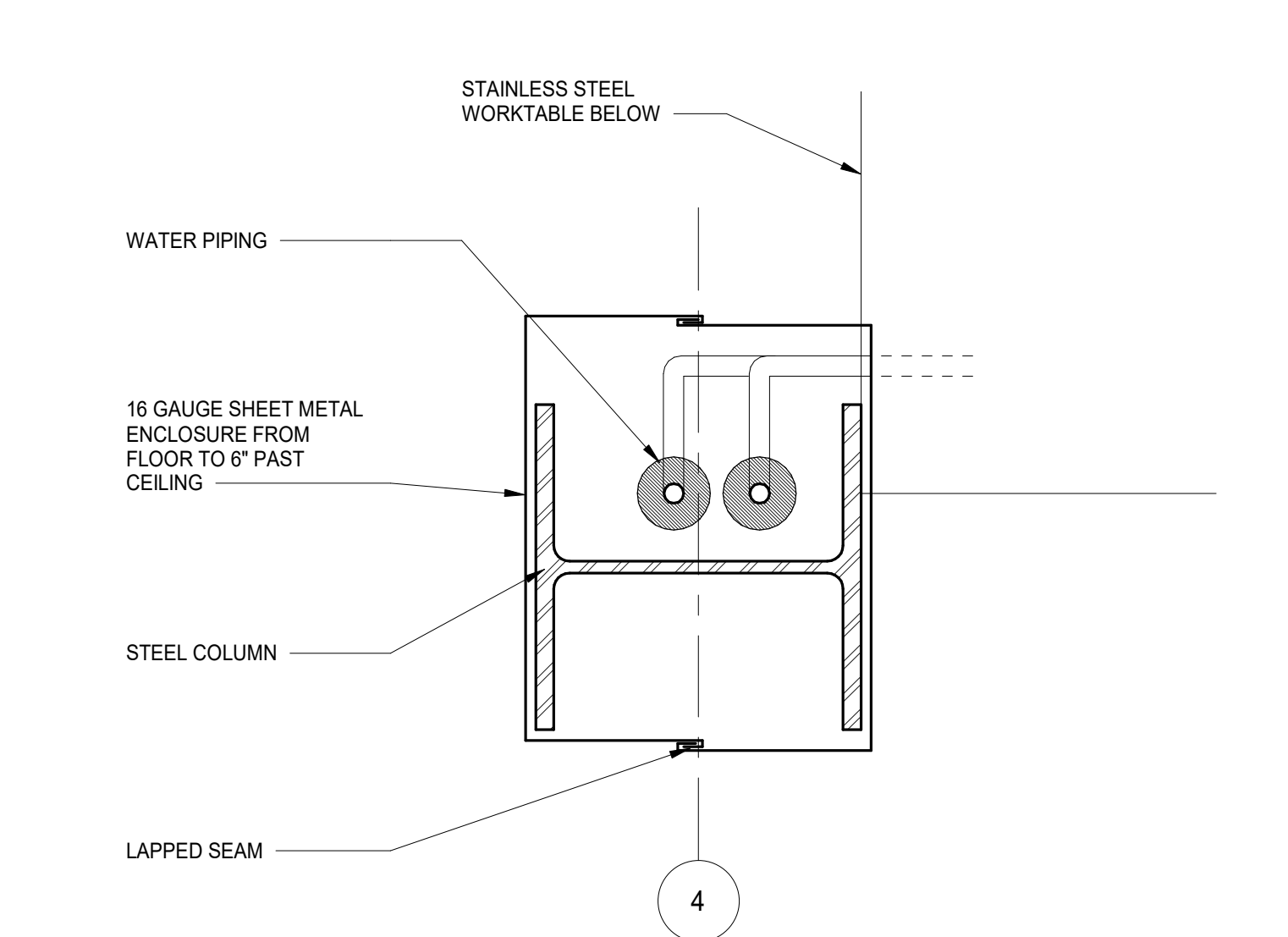
8 DETAIL - CORNER PROTECTION FLUSH
SCALE: 6" = 1'-0"



6 SECTION - I.T. OVERHEAD DOOR
SCALE: 1/2" = 1'-0"



4 TYPICAL RECESSED LOCKER
SCALE: 1 1/2" = 1'-0"



3 PLAN DETAIL - KITCHEN COLUMN ENCLOSURE
SCALE: 3" = 1'-0"

A10.3 BID GROUP 10 - ADDENDUM #3	01.15.2020
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ISSUED FOR 75% CD - PHASE C	10.14.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
ISSUED FOR CONSTRUCTION - PHASE B	07.26.2019

REV	ISSUE	DATE
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MFP IMPLEMENTATION - NORTH

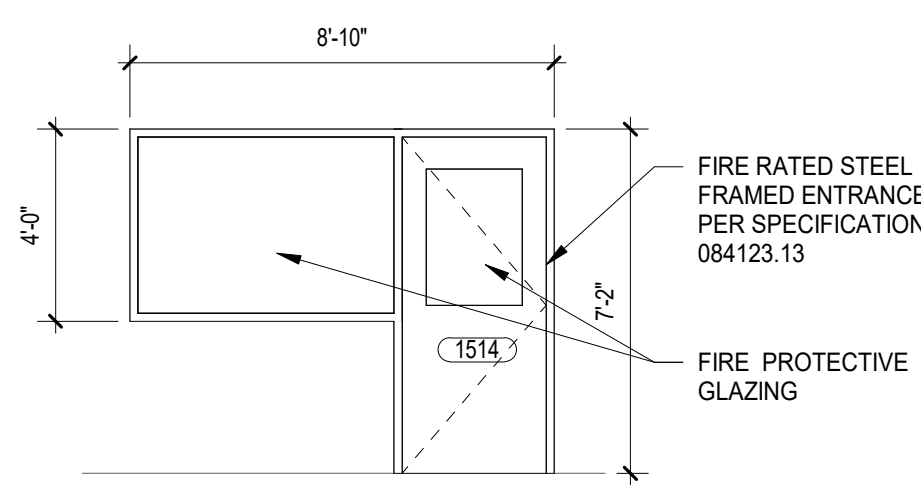
4436 MAIN STREET
DOWNERS GROVE, IL 60515

INTERIOR DETAILS

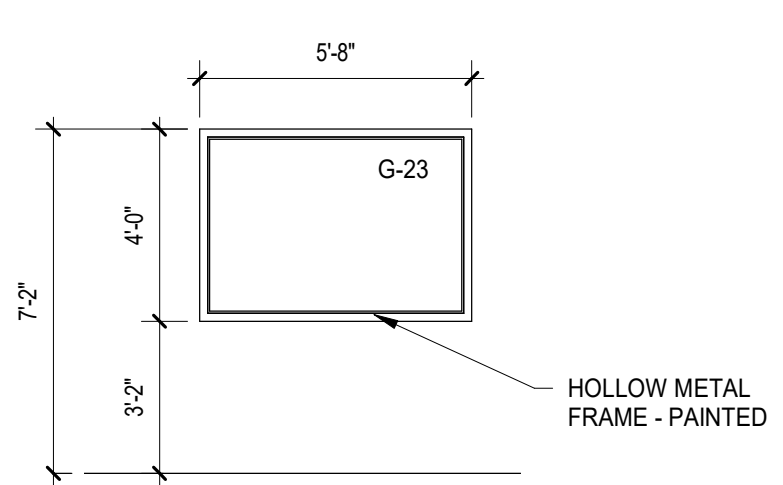
Project Number:
5274-42
Drawn By:
DS
Sheet:

GLAZING TYPES	
DESCRIPTIONS BELOW FOR GENERAL GLAZING TYPES INDICATIONS - REFER TO SPECIFICATIONS 08800 FOR ADDITIONAL INFORMATION.	
G-01 = 1" IGU (TEMPERED / TEMPERED), LOW-E COATING, CLEAR	
G-02 = TBD	
G-03 = LAMINATED SECURITY GLASS	
G-04 = SECURITY FILM APPLIED TO EXISTING GLASS	
G-05 = 1/4" SPANDREL GLASS - CERAMIC FRIT	
G-06 = 1" IGU (TEMPERED / TEMPERED), LOW-E COATING, LIGHT REFLECTANCE	
G-07 = 1" IGU (TEMPERED/TEMPERED), CLEAR, BLACK MUTIN SPACERS	
G-08 = 1" IGU (TEMPERED/TEMPERED), CLEAR #1, VELOURS, BLACK MUTIN SPACERS	
G-21 = 1/4" LAMINATED GLASS, CLEAR	
G-22 = 3/8" LAMINATED GLASS, ONE-WAY VISION GLASS	
G-23 = 1/4" TEMPERED GLASS, CLEAR	
G-24 = 3/8" LAMINATED GLASS, CLEAR	
G-25 = 3/8" LAMINATED GLASS, CLEAR WITH CERAMIC FRIT	
G-26 = SKYLIGHT GLASS, INSULATED	
G-27 = 1/2" LAMINATED GLASS, CLEAR	
G-30 = FIRE RESISTIVE GLASS PER SPECIFICATION 08813 (45 MIN)	
G-31 = FIRE RESISTIVE GLASS PER SPECIFICATION 08813 (90 MIN)	

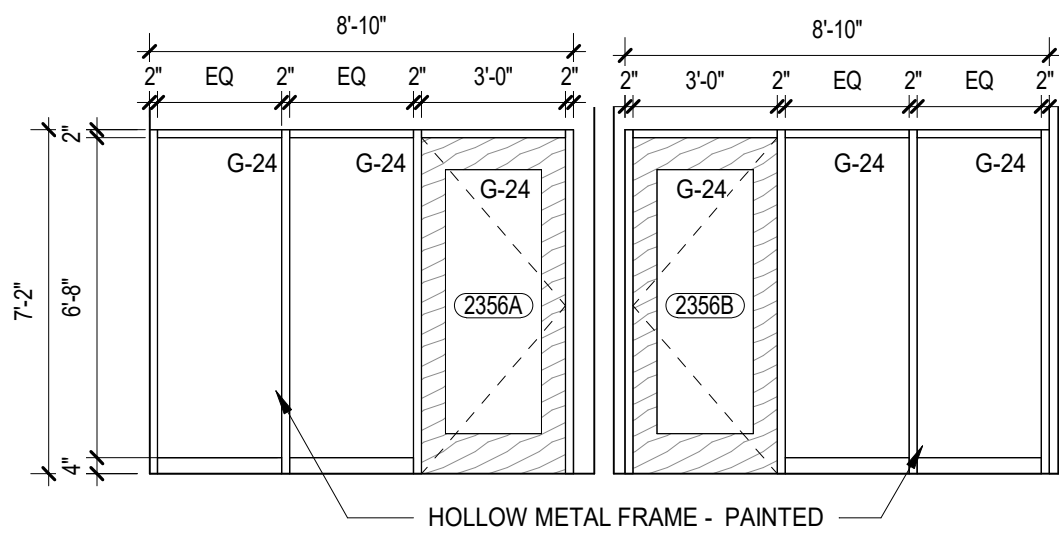
25 NURSE 1-515 ELEVATION - EAST 1 - GLAZING ELEVATION
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



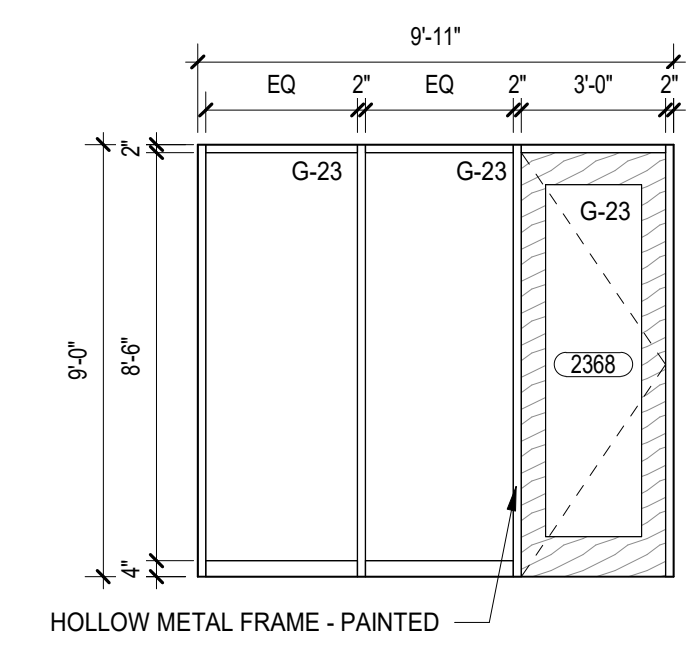
24 NURSE 1-515 ELEVATION - EAST 2 - GLAZING ELEVATION
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



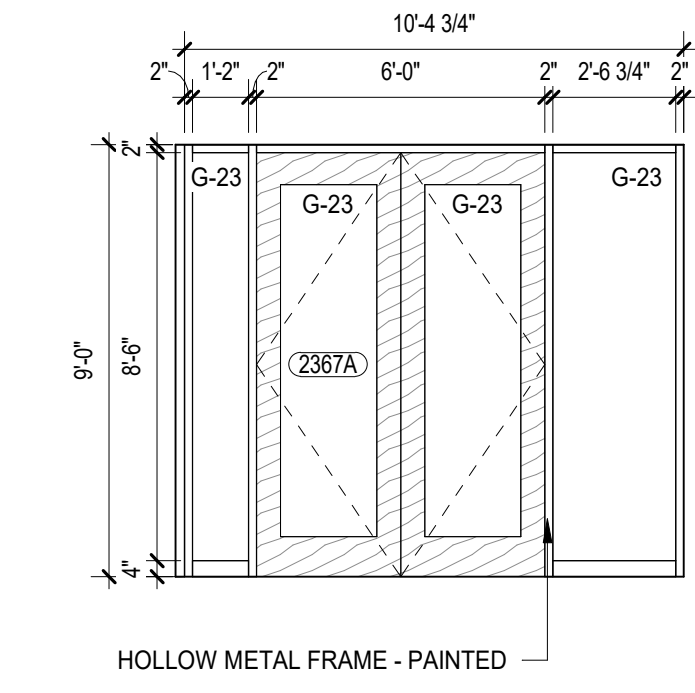
23 LEARNING RESOURCE CENTER 2-351 GLAZING ELEVATION - EAST - FRAME 2
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



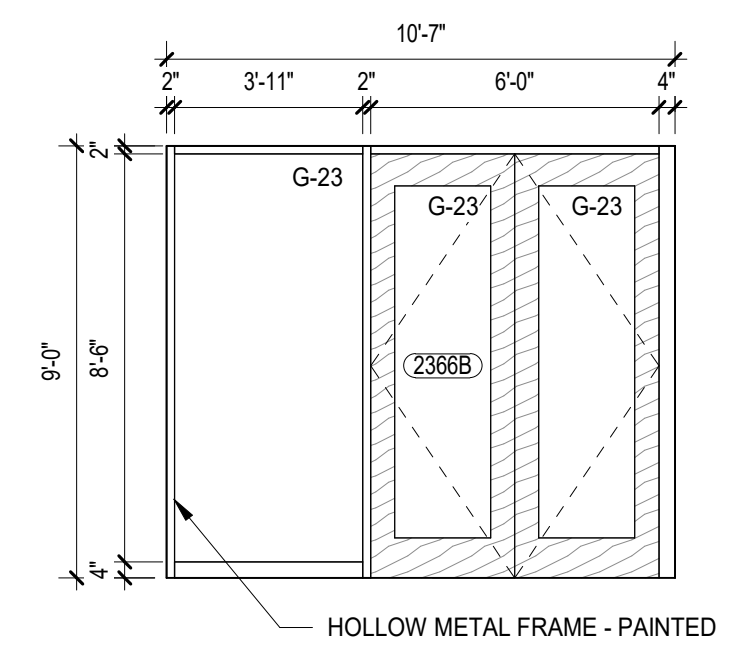
22 GENIUS 2-368 GLAZING ELEVATION - NORTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



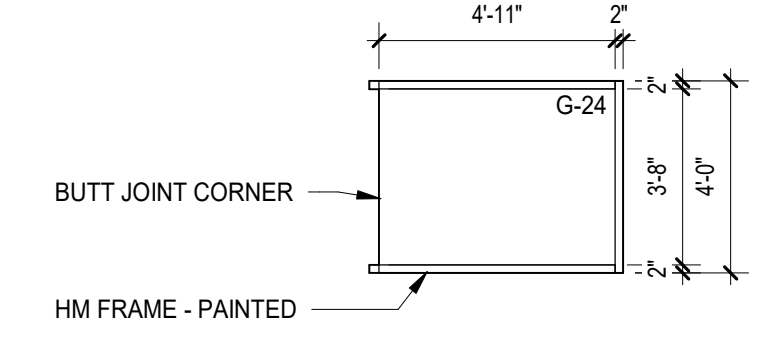
21 LEARNING RESOURCE CENTER 2-351 GLAZING ELEVATION - EAST - FRAME 1
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



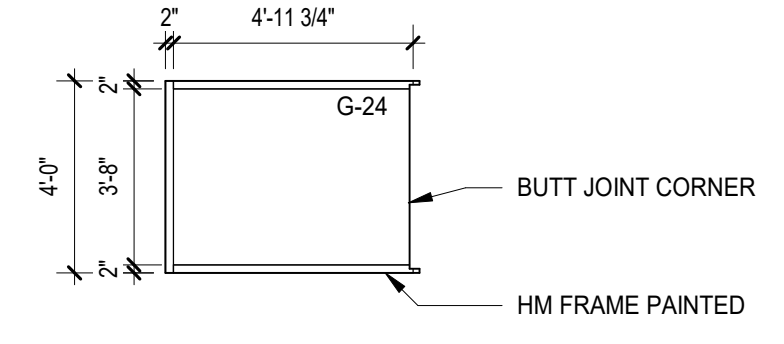
20 LEARNING RESOURCE CENTER 2-351 GLAZING ELEVATION - WEST - FRAME 3
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



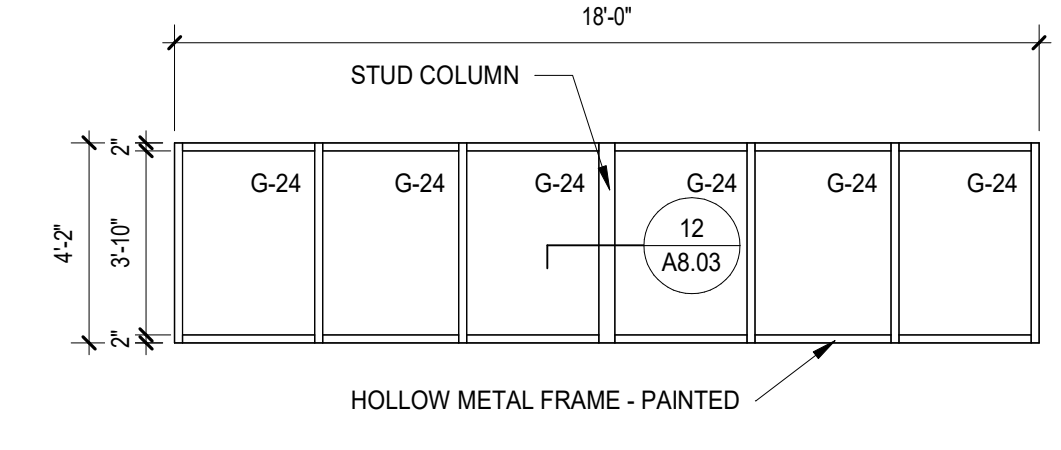
19 LEARNING RESOURCE CENTER 2-351 GLAZING ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



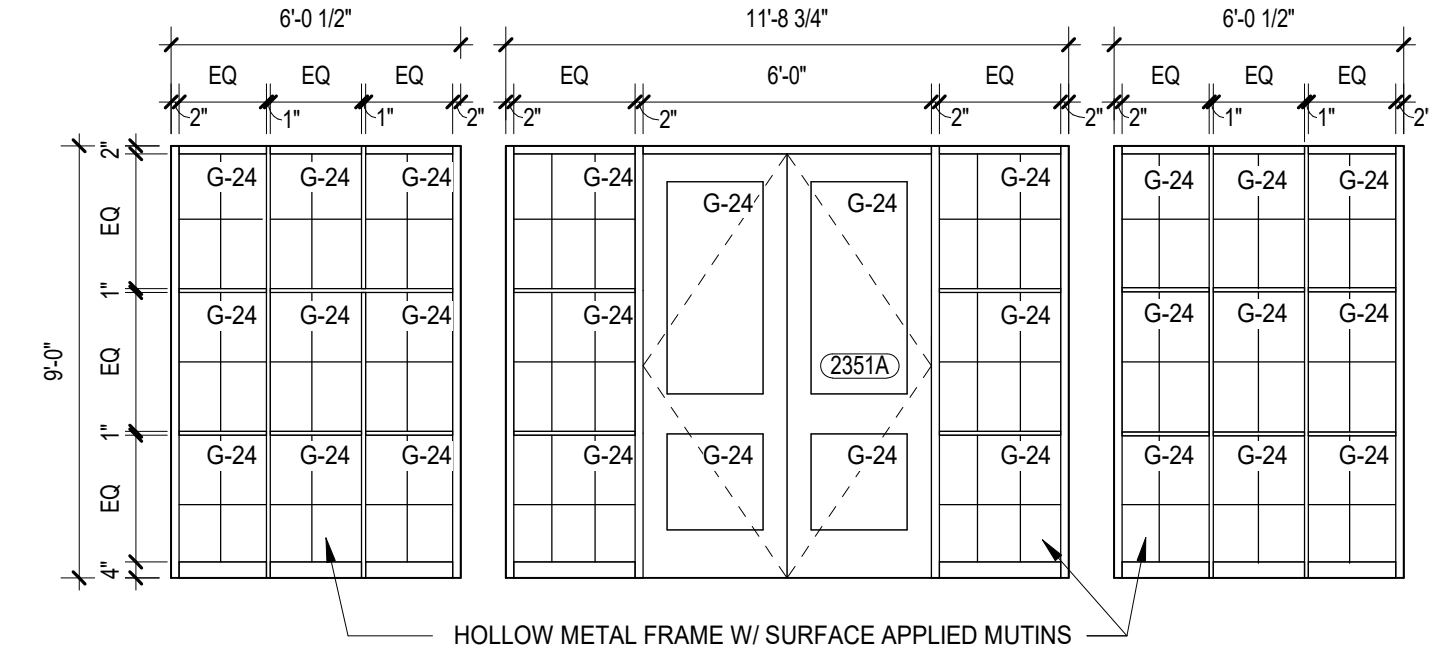
18 LEARNING RESOURCE CENTER 2-351 GLAZING ELEVATION - WEST - FRAME 2
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



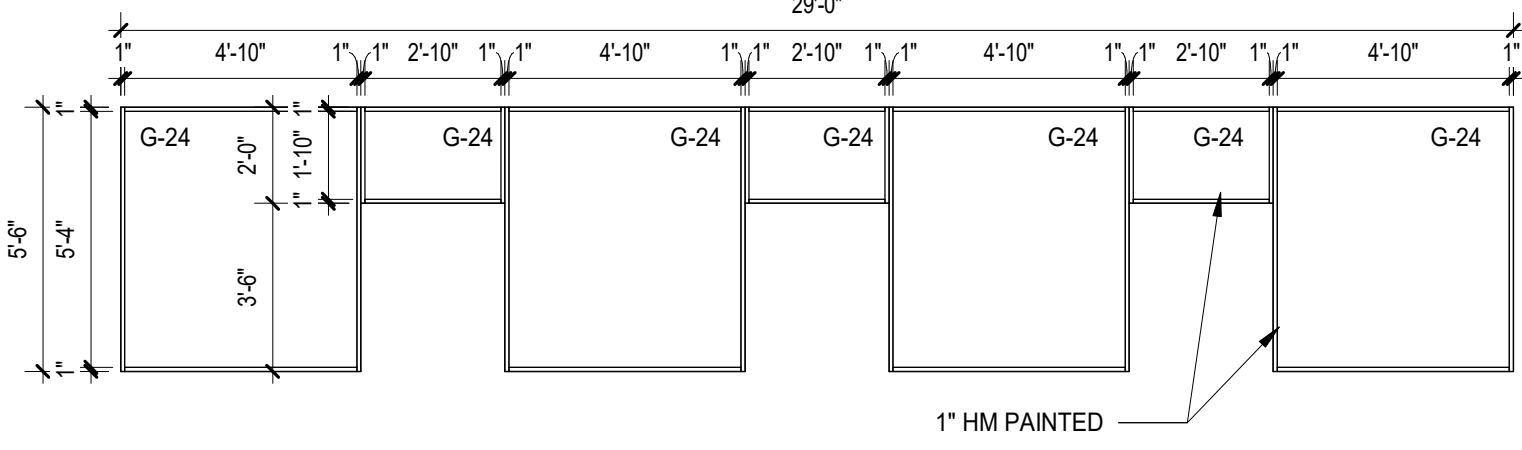
17 LEARNING RESOURCE CENTER 2-351 GLAZING ELEVATION - WEST - FRAME 1
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



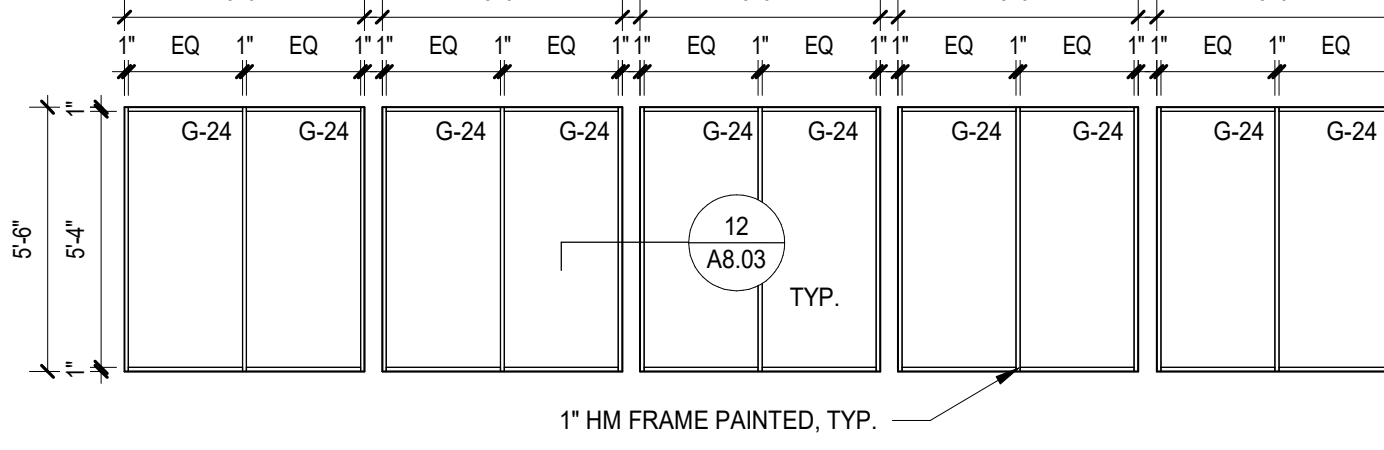
16 CORRIDOR C2-4 GLAZING ELEVATION - NORTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.02B.b



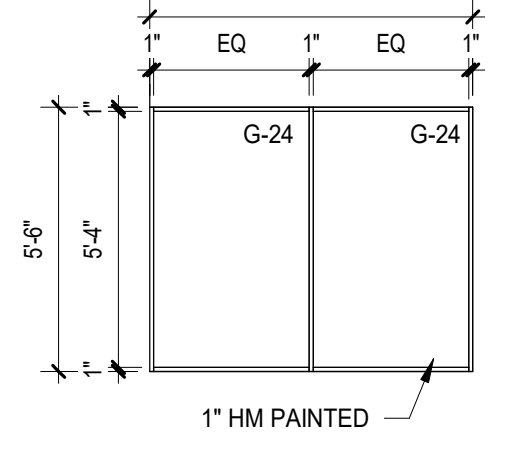
15 DIGITAL 1-459 ELEVATION - EAST - FRAME 1
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



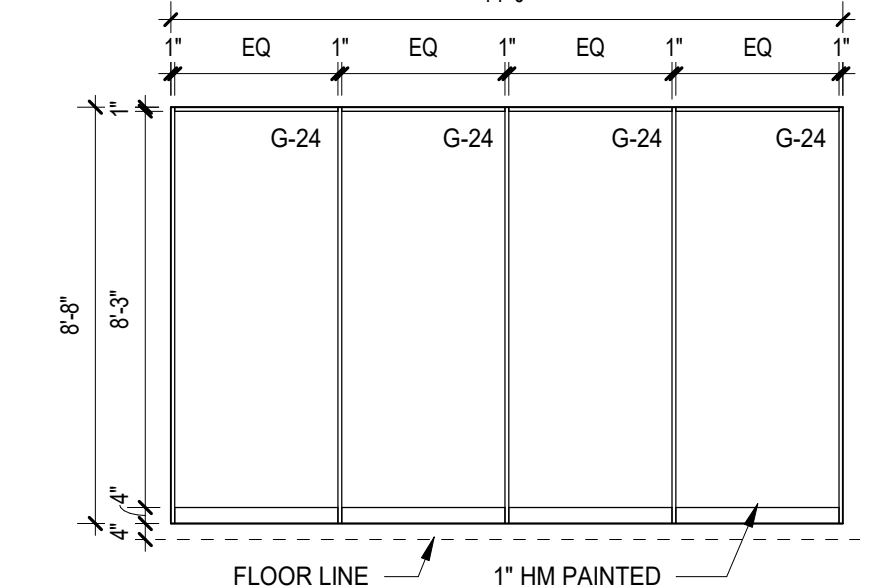
14 DIGITAL 1-459 GLAZING ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



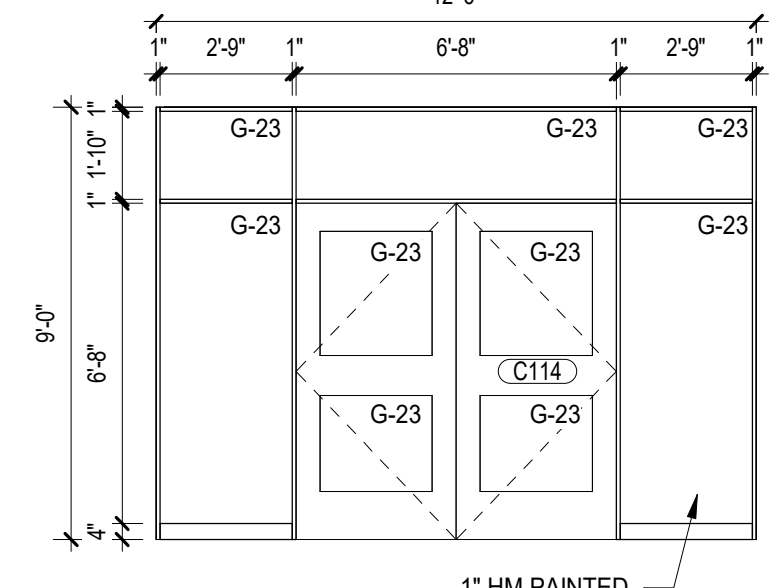
13 DIGITAL 1-459 GLAZING ELEVATION - WEST - FRAME 2
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



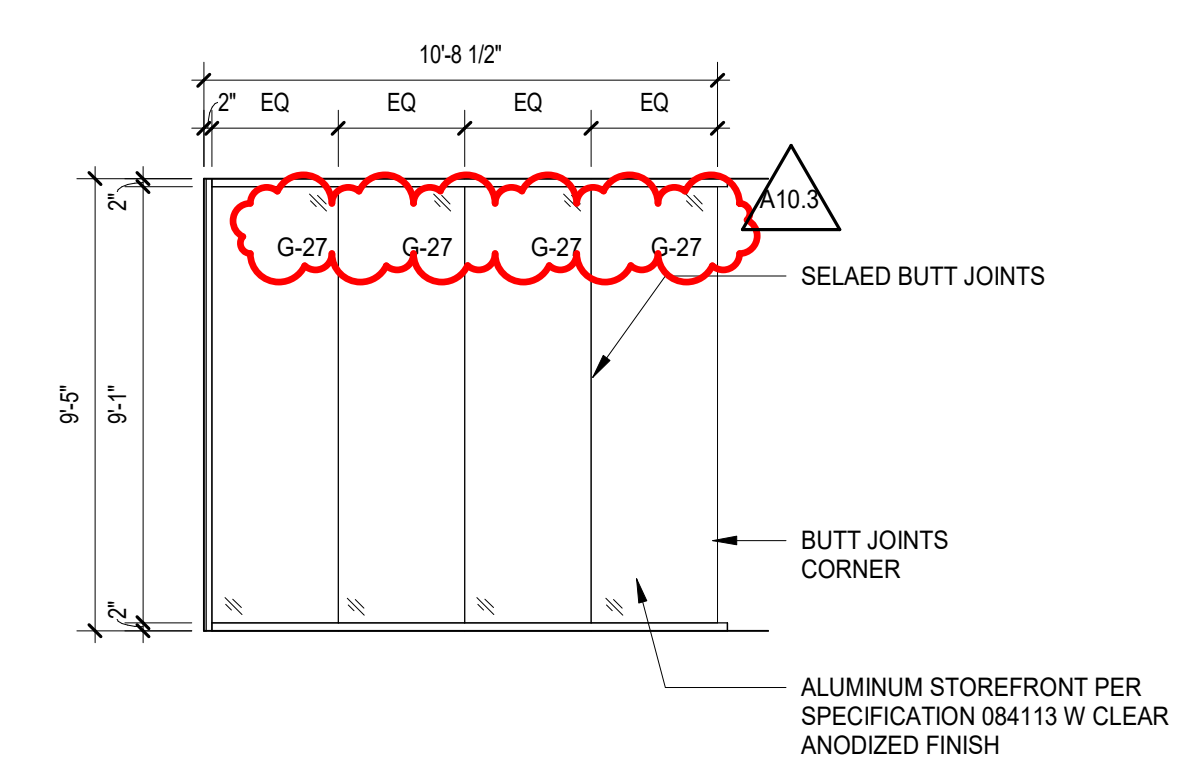
12 DIGITAL 1-459 GLAZING ELEVATION - WEST - FRAME 1
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



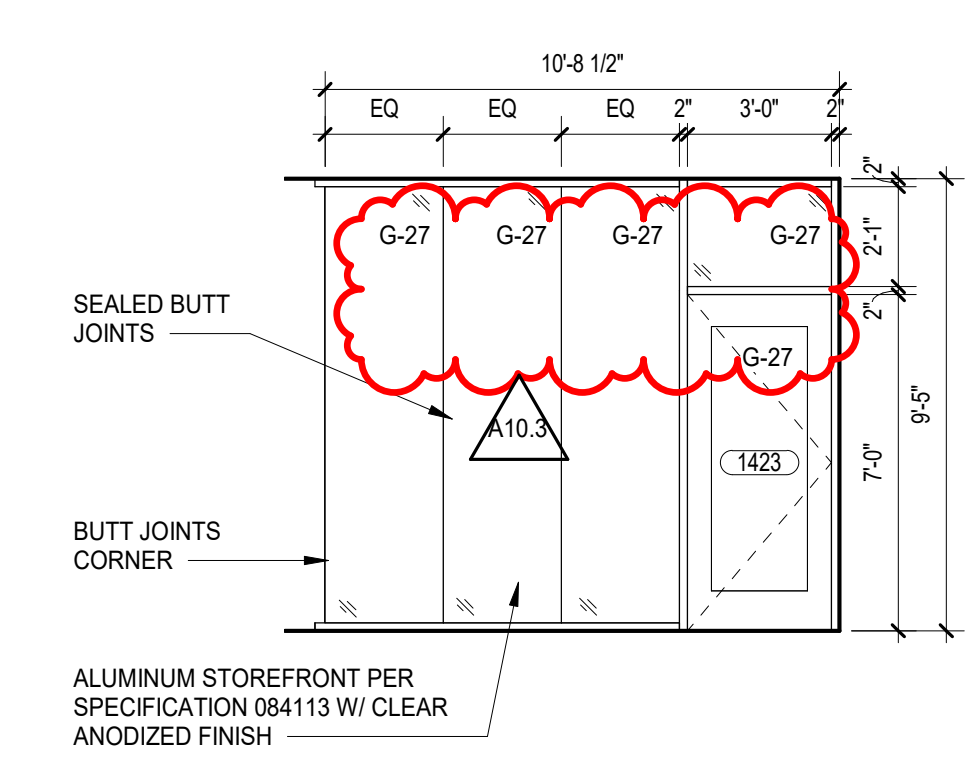
11 CORRIDOR C1-12 GLAZING ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



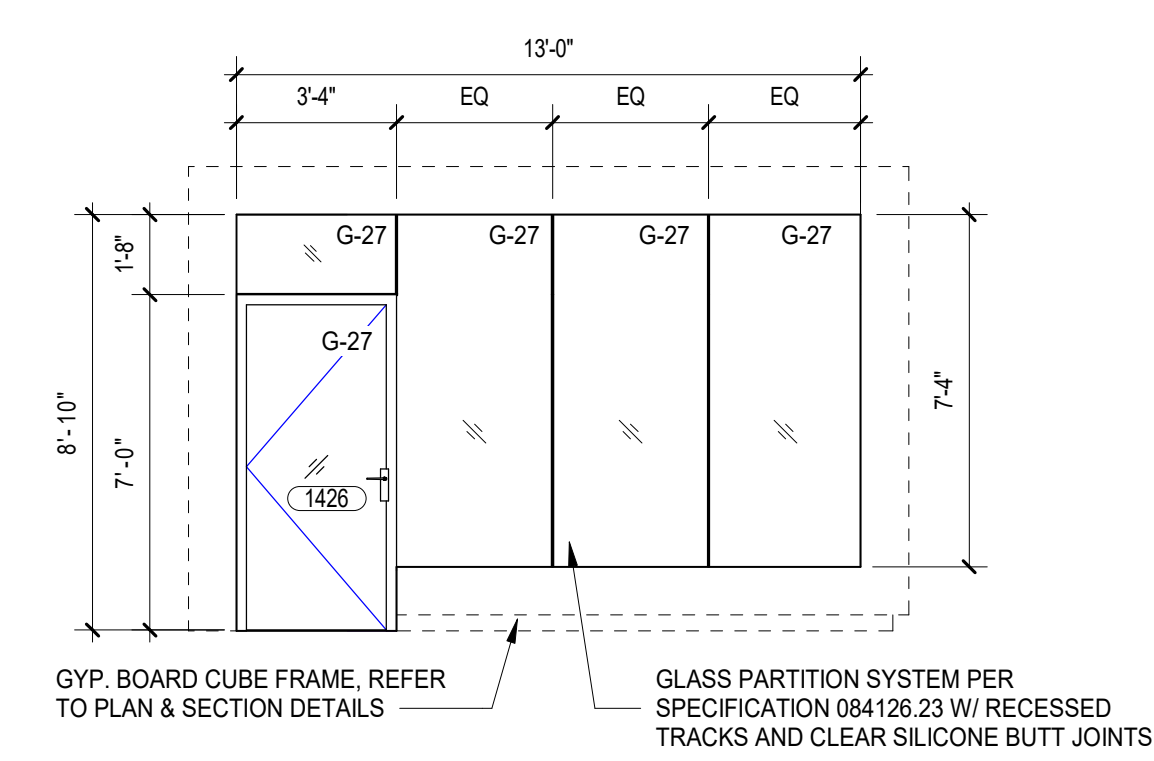
10 GROUP ROOM 1-422, 1-423, 1-424, 1-425 GLAZING ELEVATION - EAST & WEST
SCALE: 1/4" = 1'-0"
REF: 2/A2.31



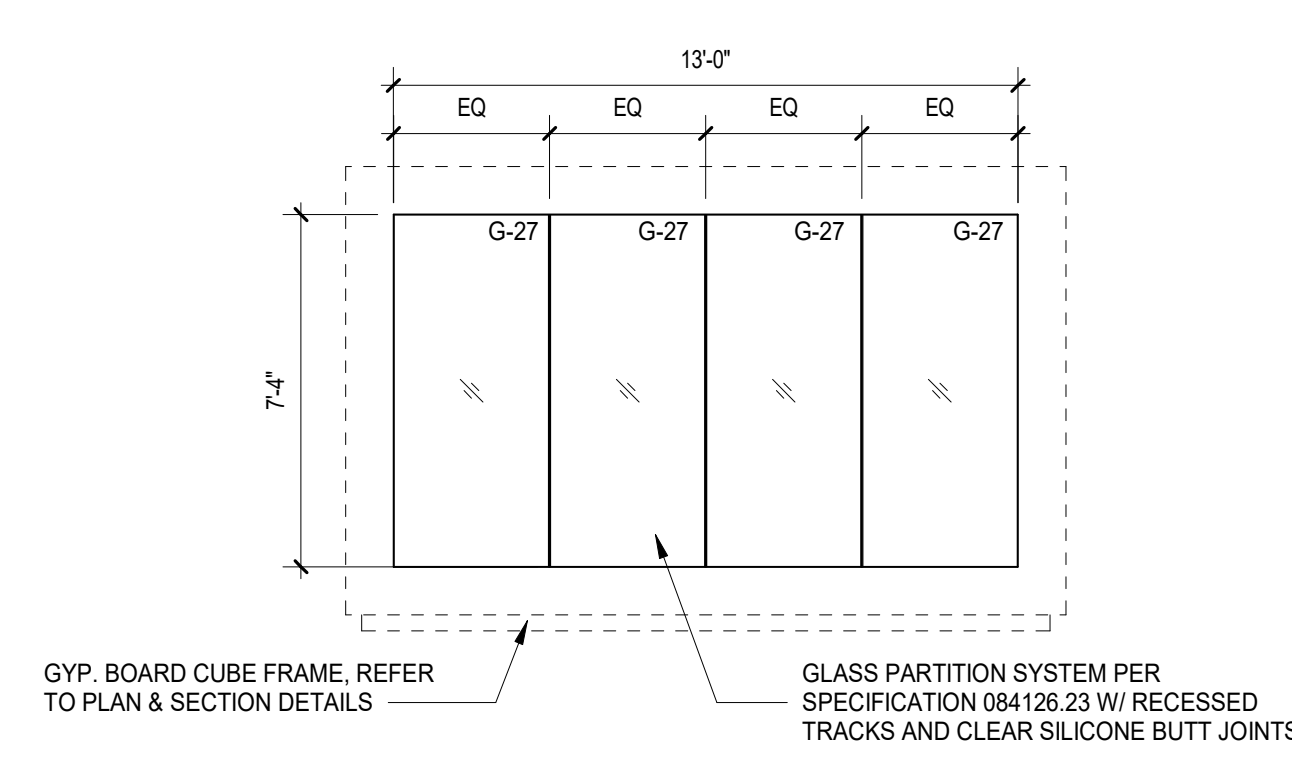
9 GROUP ROOM 1-422, 1-423, 1-424, 1-425 GLAZING ELEVATION - NORTH & SOUTH
SCALE: 1/4" = 1'-0"
REF: 2/A2.31



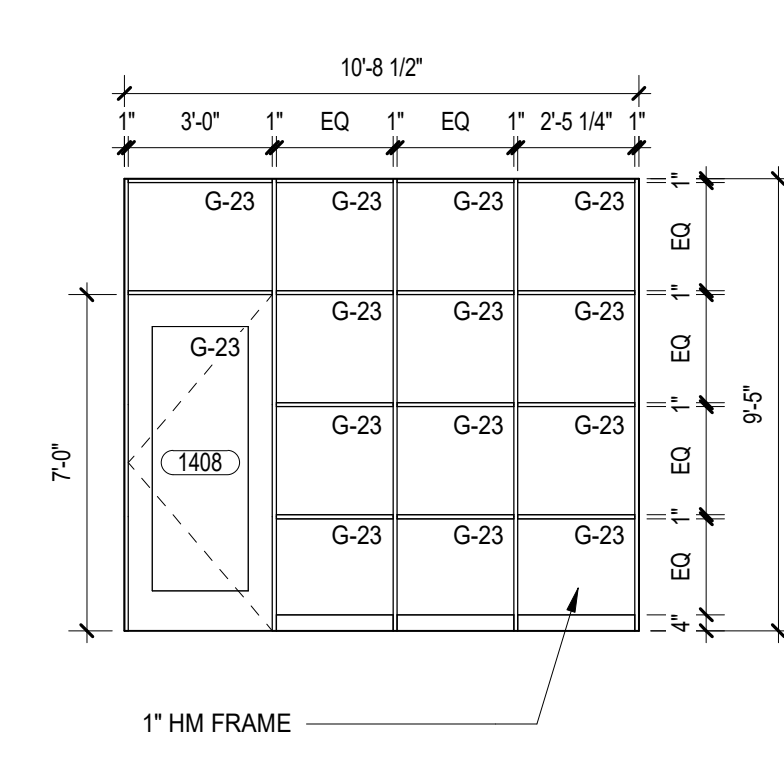
8 GROUP ROOM 1-426 GLAZING ELEVATION - EAST
SCALE: 1/4" = 1'-0"
REF: 2/A2.31



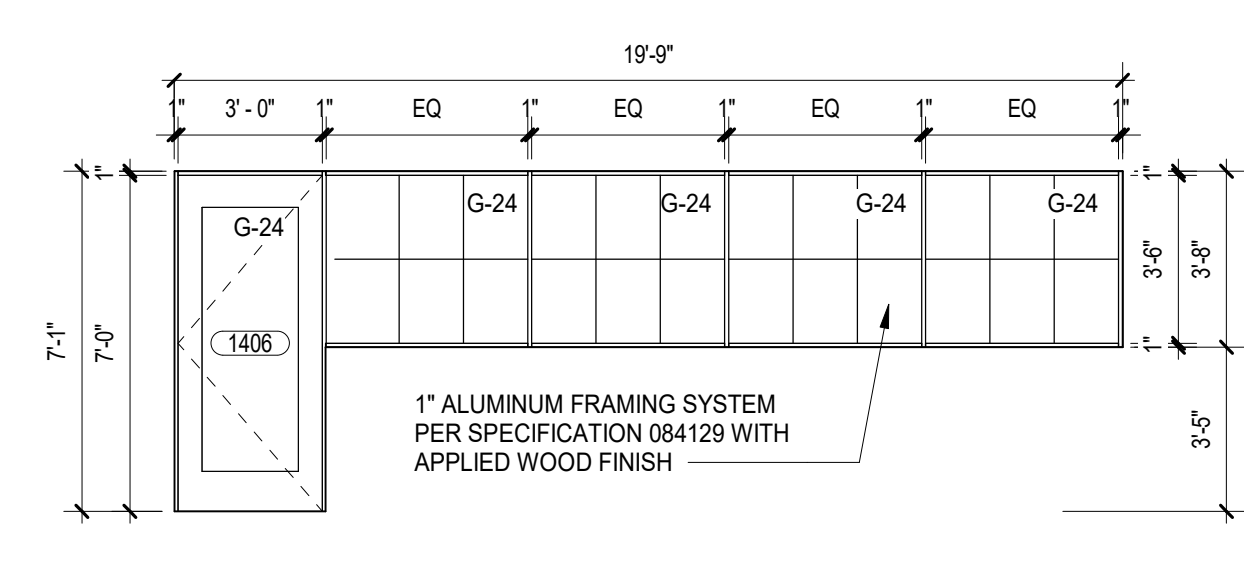
7 GROUP ROOM 1-426 GLAZING ELEVATION - NORTH & WEST
SCALE: 1/4" = 1'-0"
REF: 2/A2.31



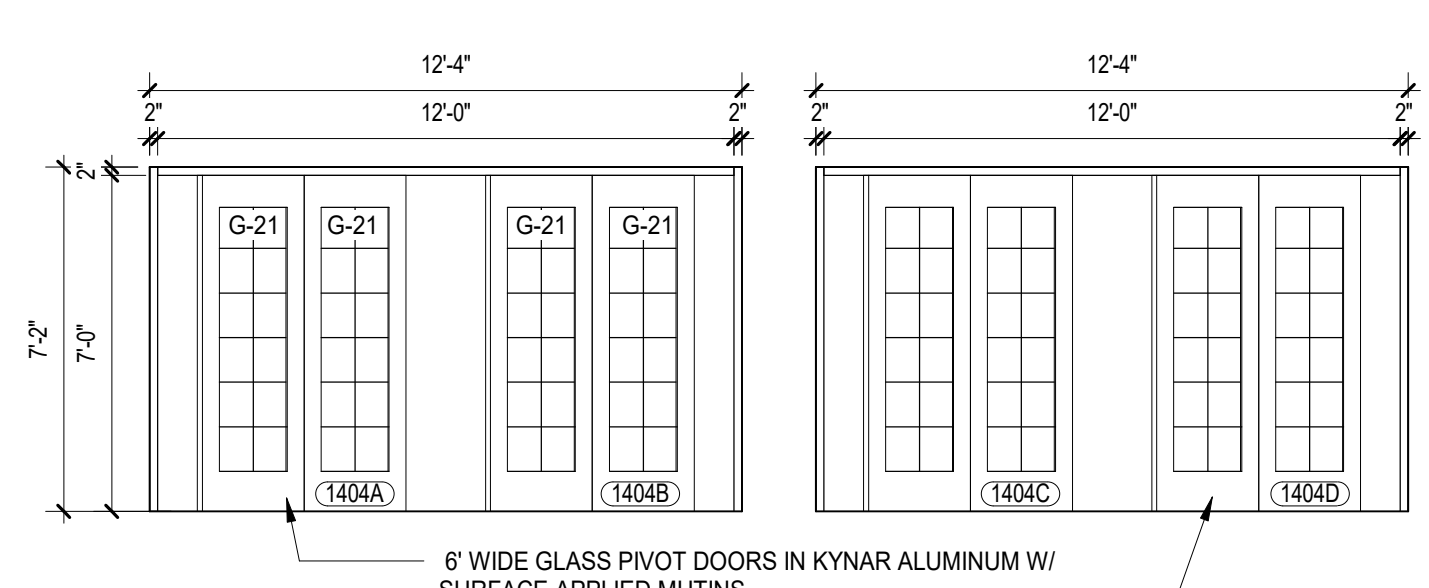
6 BOOKSTORE 1-408 GLAZING ELEVATION - NORTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



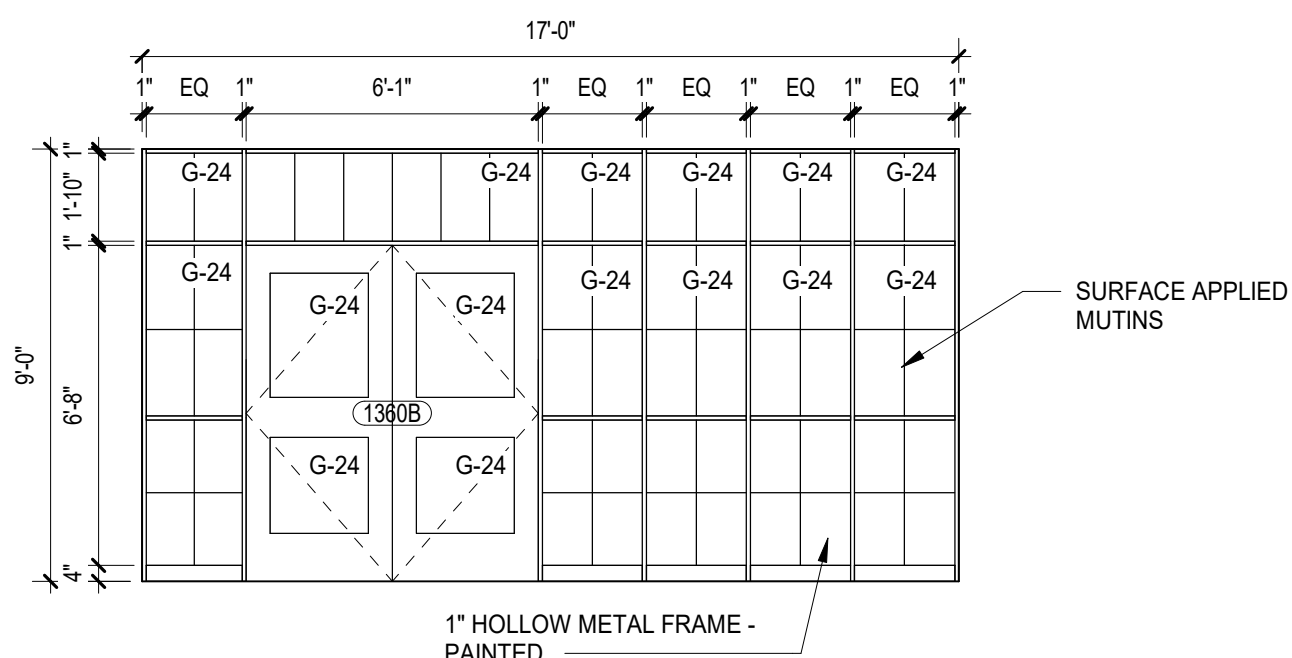
5 STUDENT ACTIVITIES 1-406 GLAZING ELEVATION - NORTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



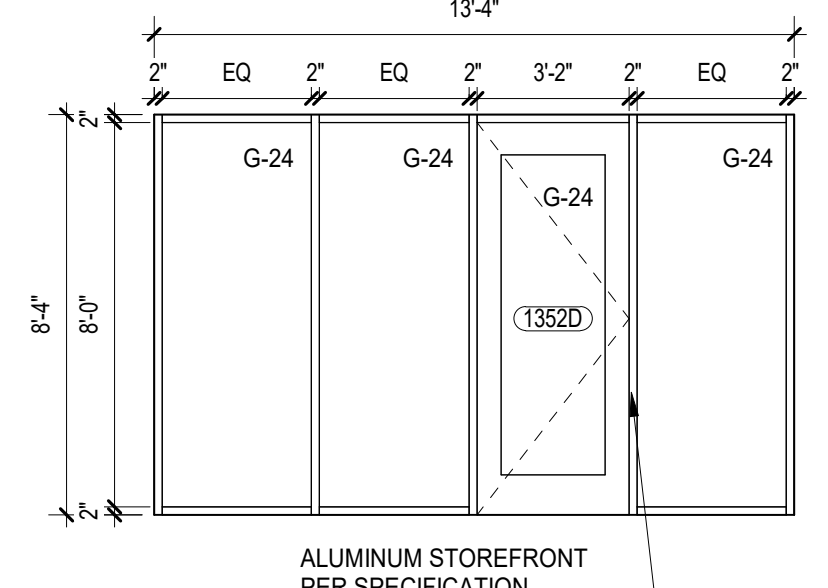
4 COLLEGE & CARRER 1404 GLAZING ELEVATION - NORTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.01C



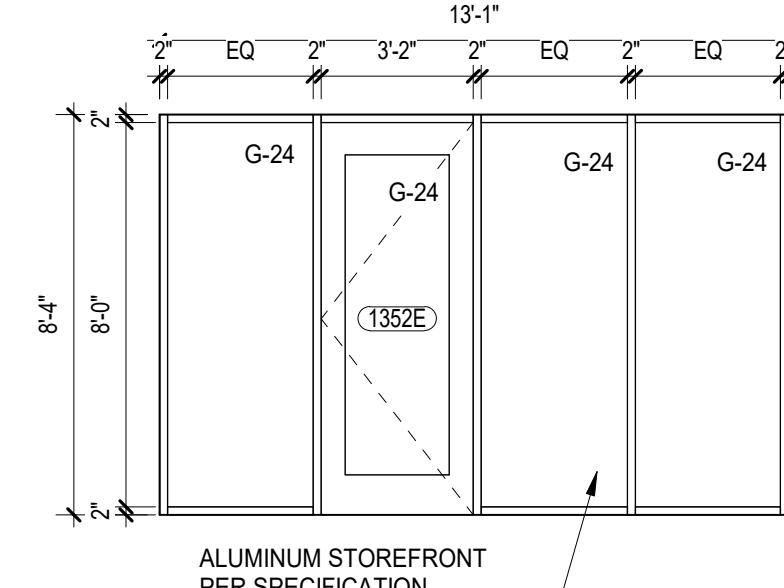
3 CORRIDOR C1-5 GLAZING ELEVATION - NORTH
SCALE: 1/4" = 1'-0"
REF: 1/A2.01B.b



2 DINING NORTH 1-354 GLAZING ELEVATION - SOUTH - FRAME 2
SCALE: 1/4" = 1'-0"
REF: 1/A2.01B.b



1 DINING NORTH 1-354 GLAZING ELEVATION - SOUTH - FRAME 1
SCALE: 1/4" = 1'-0"
REF: 1/A2.01B.b



NOT FOR CONSTRUCTION

A10.3 BID GROUP 10 - ADDENDUM #3	01.15.2020
ISSUED FOR BID - BID GROUP 10	11.19.2019
ISSUED FOR 90% CD - PHASE C	11.01.2019
ISSUED FOR 75% CD - PHASE C	10.14.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
ISSUED FOR 100% DD - PHASE C	07.12.2019
ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

INTERIOR GLAZING ELEVATIONS

Project Number:
5274-42
Drawn By:
Author:
Sheet:

11/22/2020 10:45:51 AM C:\Users\mcdonnam\Documents\02-5274-42_DOC_Arch_2019_Central_dwg\dwg\int v1 Wight & Co. © Copyright 2019. All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.

MARK	ELEVATION TYPE	DOOR					TYPE	FRAME			FIRE RATING	REMARKS	
		SIZE			MATERIAL	FINISH		DETAILS	MATERIAL	FINISH			DETAILS
		WIDTH	HEIGHT	THICKNESS									
950A	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	14	
950AA	A	3'-0"	6'-8"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	7A8.20	-	14	
950AB	A	3'-0"	6'-8"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	9A8.20	60 MIN	14	
950AC	A	3'-0"	6'-8"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	9A8.20	60 MIN	14	
1351A	E	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	-	ALUM	KYNAR	3A8.11	-	13	
1351B	E	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	-	ALUM	KYNAR	3A8.11	-	13	
1351C	E	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	-	ALUM	KYNAR	3A8.11	-	13	
1352A	E	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	F8	ALUM	KYNAR	3A8.11	-	13	
1352B	E	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	F8	ALUM	KYNAR	3A8.11	-	13	
1352C	E	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	F8	ALUM	KYNAR	3A8.11	-	13	
1352D	E	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	3A8.11	-	13	
1352E	F	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	3A8.11	-	13	
1352F	F	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	-	ALUM	KYNAR	3A8.11	-	13	
1353B	E	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	-	ALUM	KYNAR	3A8.11	-	13	
1353C	A1	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	9A8.20	90 MIN	14	
1353D	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	9A8.20	-	13	
1358A	E	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F2	H METAL	PAINT	7A8.20	-	13	
1358B	E1	6'-1"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	-	H METAL	PAINT	1A8.20	-	20	
1358C	C	2'-4"	7'-0"	1 3/4"	SC WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	17	
1362	L	2'-4"	7'-0"	1 3/4"	FACTORY	FACTORY	F1	H METAL	PAINT	1A8.11	-	9	
1364	K	3'-0"	7'-0"	1 3/4"	FACTORY	FACTORY	F1A	H METAL	PAINT	1A8.20	-	9	
1365	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	2A8.20	-	10	
1366	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	2A8.20	-	10	
1367	D	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	EX	EX H METAL	PAINT	-	90 MIN	14	
1368	D	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	EX	EX H METAL	PAINT	-	90 MIN	14	
1369	D	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	EX	EX H METAL	PAINT	-	90 MIN	14	
2304A	A	3'-8"	7'-0"	1"	WIRE MESH	FACTORY	-	STEEL	FACTORY	-	-	17	
2304B	A	3'-8"	7'-0"	1"	WIRE MESH	FACTORY	-	STEEL	FACTORY	-	-	17	
2314A	E1	6'-0"	8'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	13A8.20	-	20	
2314B	A	3'-0"	7'-2"	1 3/4"	OAK WOOD	STAIN	F2	H METAL	PAINT	7A8.20	-	13	
2320B	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F2	H METAL	PAINT	1A8.20	-	10	
2321	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F2	H METAL	PAINT	1A8.20	-	10	
2324	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F2	H METAL	PAINT	1A8.20	-	10	
2325	C	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326A	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326B	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326C	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326D	D	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326E	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326F	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326G	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326H	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326I	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326J	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326K	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326L	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326M	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326N	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326O	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326P	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326Q	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326R	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326S	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326T	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326U	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326V	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326W	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326X	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326Y	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2326Z	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2327A	F	6'-0"	8'-10"	1 3/4"	OAK WOOD	STAIN	-	H METAL	PAINT	13A8.20	-	20	
2327B	F	6'-0"	8'-10"	1 3/4"	OAK WOOD	STAIN	-	H METAL	PAINT	13A8.20	-	20	
2327C	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	1A8.20	-	10	
2328	A	3'-0"	8'-10"	1 3/4"	OAK WOOD	STAIN	-	H METAL	PAINT	-	-	20	
C1-5A	B	7'-4"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	7A8.20	-	14	
C2-28A	C1	8'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	7A8.20	-	14	
C2-28B	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F2	H METAL	PAINT	1A8.20	-	10	
C122A	B1	6'-0"	7'-0"	1 3/4"	H METAL	PAINT	F7	H METAL	PAINT	9A8.20	90 MIN	1, 14	
C122B	B1	6'-0"	7'-0"	1 3/4"	H METAL	PAINT	F7	H METAL	PAINT	9A8.20	90 MIN	1, 14	
9B-1A	E	3'-0"	7'-0"	1 3/4"	STEEL	FACTORY	F8	STEEL	FACTORY	12A8.20	90 MIN	2, 12	
731	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	4A8.20	-	10	
732	A	3'-0"	7'-0"	1 3/4"	OAK WOOD	STAIN	F1	H METAL	PAINT	4A8.20	-	10	
7116	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1	H METAL	PAINT	2A8.20	-	1, 10	
7116	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1	H METAL	PAINT	2A8.20	-	1, 10	
7122	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1	H METAL	PAINT	2A8.20	-	1, 10	
7123	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1	H METAL	PAINT	2A8.20	-	1, 10	
V-062A	E	3'-0"	7'-0"	1 3/4"	ALUM	CLR ANOD	-	ALUM	CLR ANOD	-	-	2	

MARK	ELEVATION TYPE	DOOR					TYPE	FRAME			FIRE RATING	REMARKS	
		SIZE			MATERIAL	FINISH		DETAILS	MATERIAL	FINISH			DETAILS
		WIDTH	HEIGHT	THICKNESS									
1401	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F2A	H METAL	PAINT	1A8.20	-	10	
1402	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F2A	H METAL	PAINT	1A8.20	-	10	
1403	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F2A	H METAL	PAINT	1A8.20	-	10	
1404	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F2A	H METAL	PAINT	1A8.20	-	10	
1404A	F1	6'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	-	-	22	
1404B	F1	6'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	-	-	22	
1404C	F1	6'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	-	-	22	
1404D	F1	6'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	-	-	22	
1404E	C	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1A	H METAL	PAINT	1A8.20	-	10	
1405A	B	3'-0"	8'-0"	2"	MAPLE WOOD	STAIN	-	FACTORY	PAINT	2A8.11	-	10	
1405C	M	3'-0"	8'-0"	2"	MAPLE WOOD	STAIN	-	FACTORY	PAINT	2A8.11	-	10	
1406	F	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	FACTORY	-	ALUM	FACTORY	3A8.11	-	13	
1407	F	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1A	H METAL	PAINT	1A8.20	-	10	
1408	F	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	-	H METAL	PAINT	-	-	20	
1409	C	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1A	H METAL	PAINT	1A8.20	-	10	
1420	F1A	6'-0"	13'-4"	1 3/4"	ALUM	CLR ANOD	-	ALUM	CLR ANOD	-	-	2	
1421	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1A	H METAL	PAINT	1A8.20	-	10	
1422	F	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	3A8.11	-	13	
1423	F	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	3A8.11	-	13	
1424	F	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	3A8.11	-	13	
1425	F	3'-0"	7'-0"	1 3/4"	ALUM	KYNAR	-	ALUM	KYNAR	3A8.11	-	13	
1426	A	3'-0"	7'-0"	1 3/4"	GLASS	-	-	-	-	-	-	23	
1440	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1A	H METAL	PAINT	1A8.20	-	10	
1450A	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F3A	H METAL	PAINT	1A8.20	-	10	
1450B	C	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F1	H METAL	PAINT	2A8.20	-	10	
1452A	A	3'-0"	7'-0"	1"	WIRE MESH	FACTORY	-	STEEL	FACTORY	-	-	17	
1452B	A	3'-0"	7'-0"	1"	WIRE MESH	FACTORY	-	STEEL	FACTORY	-	-	17	
1453A	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F3A	H METAL	PAINT	1A8.20	-	10	
1453B	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	7A8.20	90 MIN	14	
1454A	C	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	7A8.20	90 MIN	14	
1454B	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	7A8.20	90 MIN	14	
1455	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	2A8.20	-	10	
1456A	A	3'-0"	7'-0"	1 3/4"	MAPLE WOOD	STAIN	F3A	H METAL	PAINT	1A8.20	-	10	
1456B	A	3'-0"	7'-0"	1 3/4"	H METAL	PAINT	F1	H METAL	PAINT	2A8.20	-	10	
1456C	M												



FINISH LEGEND

NOTE:
 1. SEE SHEET A10.00 FOR PROJECT MATERIALS, ADDITIONAL INFORMATION, AND DETAILS OTHERWISE.
 2. WALL TILE TO CONTINUE BEHIND TOILET ROOM ACCESSORIES.
 3. TOILET ROOM WALLS TO RECEIVE WALL TILE. SEE TOILET ROOM ELEVATIONS FOR EXACT LOCATIONS AND TYPES.
 4. PAINT ON GYP. BD. PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINT ON GYP. BD. CEILINGS TO BE FLAT U.N.O. PAINT ON CMU PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINTED WOOD DOORS AND FRAMES TO BE SEMI-GLOSS U.N.O.
 5. ALL WALLS TO BE PT. U.N.O.
 6. PROVIDE EXTRUDED STAINLESS STEEL EASED 90 DEGREE PROFILE LIKE SCHLUTER JOLLY AT ALL OUTSIDE CORNERS AND EXPOSED EDGES IN WALL TILE. PROFILE TO BE BRUSHED STAINLESS STEEL FINISH.
 7. NO PAINT FINISH ON BRICK PARTITIONS/FITTINGS U.N.O.
 8. PROVIDE GROUDED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.

BASE:
 1. ALL PAINTED CMU PARTITIONS TO RECEIVE 4" RESILIENT BASE U.N.O. STRAIGHT PROFILE BASE TO BE USED AT ALL OTHER FLOOR SURFACES U.N.O. COVE PROFILE BASE TO BE USED ON CASEWORK U.N.O.
 2. RESILIENT BASE TO OCCUR ON CASEWORK U.N.O.
 3. PROVIDE GROUDED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.

FLOOR:
 1. F2R FLOOR TRANSITION DETAILS REFER TO A10.00
 2. ALL FLOORING MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR SIDE STOP. REFER TO A10.00
 3. FLOORING EXTENSION UNDER CABINETS U.N.O.
 4. CARPET TILE ORIENTATION AS NOTED ON DRAWINGS.

MISCELLANEOUS:
 1. INTERIOR HOLLOW METAL DOOR AND FRAME UPT-7 U.N.O.
 2. INTERIOR HOLLOW METAL FRAMES UPT-7 U.N.O.
 3. SEE CASEWORK ELEVATIONS AND DETAILS FOR FINISH MATERIALS OF CASEWORK AND CUSTOM ARCHITECTURAL WOODWORK.
 4. ALL MISC. METAL TO BE PAINTED UPT-7 U.N.O.
 5. WALL AND CEILING CONTROL JOINTS TO BE PAINTED TO MATCH ADJACENT WALL COLOR U.N.O.
 6. REVEALS IN WALLS TO BE BRUSHED ALUMINUM. NO PAINT.
 7. STAR STRONGERS, GUARDRAILS AND HANDRAILS TO BE UPT-7.
 8. ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-F U.N.O.
 9. PROVIDE EXTRUDED ALUMINUM STAR NOSING PROFILE LIKE SCHLUTER TREP-B SIZE (1/2" HEIGHT, 2 1/8" WIDTH) TO BE USED AT ALL PORCELAIN TILE STAIRS U.N.O. PROFILE TO BE BLACK COLOR.

FINISH LEGEND

NOTE:
 1. FINISH TAG ABOVE INDICATES FINISHES FOR SPACE, UNLESS NOTED OTHERWISE.
 2. SEE DRAWING SERIES A11.0 FINISH LEGEND FOR COMPLETE DESCRIPTION.

EXTENT OF FINISHES DEVIATING FROM REST OF ROOM

BASE TYPE **WALL FINISH**

FLOOR TRANSITION

FINISH PLAN KEYNOTES:

F2 PROVIDE FLUSH MOUNT CORNER GUARD. FULL HEIGHT, 2" WING, VINYL UNLESS NOTED AS STAINLESS ON THE FINISH TAGS. HOLD CORNER GUARD OFF FINISH FLOOR FOR WALL BASE INSTALLATION. SEE SHEET A7.50 FOR DETAIL.

F4 75% CPT-2, 25% CPT-3. RANDOM MIX

F18 PAINT UPT-4 FROM FINISH FLOOR TO 4'-0" A.F.F. PAINT UPT-1 FROM 4'-0" AFF TO EXPOSED STRUCTURE ABOVE

F25 PAINT EXPOSED CONCRETE COLUMN UPT-1

F27 ALIGN CONCRETE JOINT PATTERN WITH FLOOR TILE PATTERN

F28 ALL FINISHES WALL, BASE, FLOOR TO MATCH ADJACENT EXISTING FINISHES

F29 INSTALL T-1 AT TOP STAIR RISER

F30 NO WALL BASE AT COLUMN. SCRIBE FLOOR TILE TO COLUMN AND CAULK. MATCH CAULK COLOR TO GROUT

F31 PROVIDE FLUSH MOUNT CORNER GUARD. FULL HEIGHT, 2" WING, STAINLESS STEEL. HOLD CORNER GUARD OFF FINISH FLOOR FOR WALL BASE INSTALLATION. SEE SHEET A7.50 FOR DETAIL.

F32 PAINT EXPOSED STEEL COLUMN UPT-1

F33 PAINT DOOR AND FRAME TO MATCH ADJACENT WALL FINISH

F34 NO WALL BASE AT CONCRETE COLUMN U.N.O. SCRIBE FLOOR TILE TO CONCRETE AND CAULK. MATCH CAULK COLOR TO GROUT. PROVIDE FLUSH MOUNT END WALL PROTECTOR. FULL HEIGHT, 2" WING, STAINLESS STEEL.

DISTRICT 99

COMMUNITY HIGH SCHOOL DISTRICT 99

Wight

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NORTH

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A10.3 BID GROUP 10 - ADDENDUM #3 01.15.2020
 A10.1 BID GROUP 10-ADDENDUM #1 12.30.2019
 ISSUED FOR BID - BID GROUP 10 11.19.2019
 ISSUED FOR 90% CD - PHASE C 11.01.2019
 ISSUED FOR 75% CD - PHASE C 10.14.2019
 ISSUED FOR 25% CD - PHASE C 08.30.2019
 ISSUED FOR 100% CD - PHASE C 07.12.2019

REV DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
 DOWNERS GROVE, IL 60515

FINISH PLAN - LEVEL 1 AREA C

Project Number:
 5274-42
 Drawn By:
 Author:
 Sheet:

A10.01C

1 LEVEL 1 FINISH PLAN - AREA B
 SCALE: 1/8" = 1'-0"

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1 LEVEL 1 FINISH PLAN - AREA D
 SCALE: 1/8" = 1'-0"

FINISH LEGEND

- NOTE:**
 1. SEE SHEET A10.00 FOR PROJECT MATERIALS, ADDITIONAL INFORMATION, AND DETAILS OTHERWISE.
- WALL**
 1. ALL WALLS TO RECEIVE PAINT FINISH TO FINISHED CEILING UNLESS NOTED OTHERWISE.
 2. WALL TILE TO CONTINUE BEHIND TOILET ROOM ACCESSORIES.
 3. TOILET ROOM WALLS TO RECEIVE WALL TILE. SEE TOILET ROOM ELEVATIONS FOR EXACT LOCATIONS AND TYPES.
 4. PAINT ON GYP. BD. PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINT ON GYP. BD. CEILING TO BE FLAT U.N.O. PAINT ON CMU PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINTED WOOD DOORS AND FRAMES TO BE SEMI-GLOSS U.N.O.
 5. ALL WALLS TO BE PT-1 U.N.O.
 6. PROVIDE EXTRUDED STAINLESS STEEL EASED 90 DEGREE PROFILE LIKE SCHLUTER JOLLY AT ALL OUTSIDE CORNERS AND EXPOSED EDGES IN WALL TILE PROFILE TO BE BRUSHED STAINLESS STEEL FINISH.
 7. NO PAINT FINISH ON BRICK PARTITIONS/SOFFITS U.N.O.
 8. PROVIDE GROUTED CORNER AT ALL WALL TILE INSIDE CORNERS.

- BASE**
 1. ALL PAINTED CMU PARTITIONS TO RECEIVE 4" RESILIENT BASE U.N.O. STRAIGHT PROFILE BASE TO BE USED AT CARPET FLOOR SURFACES, U.N.O. COVE PROFILE BASE TO BE USED AT ALL OTHER FLOOR SURFACES, U.N.O.
 2. RESILIENT BASE TO OCCUR ON CASEWORK, U.N.O.
 3. PROVIDE GROUTED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.

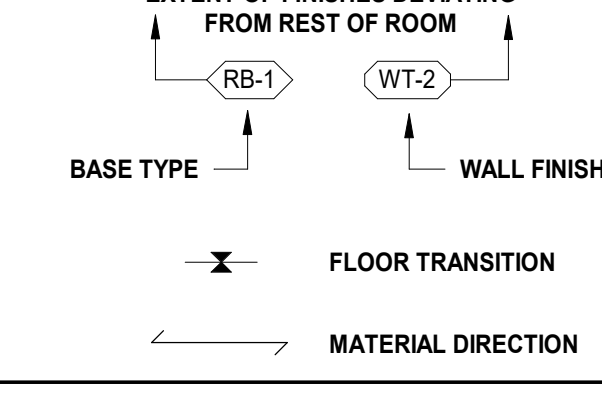
- FLOOR**
 1. FOR FLOOR TRANSITION DETAILS REFER TO A10.00
 2. ALL FLOORING MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR SIDE STOP. REFER TO A10.00
 3. FLOORING EXTENDS UNDER CABINETS U.N.O.
 4. CARPET TILE ORIENTATION AS NOTED ON DRAWINGS.

- MISCELLANEOUS**
 1. INTERIOR HOLLOW METAL DOOR AND FRAME UPT-7 U.N.O.
 2. INTERIOR HOLLOW METAL FRAMES UPT-7 U.N.O.
 3. SEE CASEWORK ELEVATIONS AND DETAILS FOR FINISH MATERIALS OF CASEWORK AND CUSTOM ARCHITECTURAL WOODWORK.
 4. ALL MISC. METAL TO BE PAINTED UPT-7 U.N.O.
 5. WALL AND CEILING CONTROL JOINTS TO BE PAINTED TO MATCH ADJACENT WALL COLOR U.N.O.
 6. REVEALS IN WALLS TO BE BRUSHED ALUMINUM, NO PAINT.
 7. STAIR STRINGERS, GUARDRAILS AND HANDRAILS TO BE UPT-7.
 8. ALL GYPSUM BOARD CEILING TO BE PAINTED PT-6 U.N.O.
 9. PROVIDE EXTRUDED ALUMINUM STAIR NOSING PROFILE LIKE SCHLUTER TREP-B SIZE (1/2" HEIGHT, 2 1/8" WIDTH) TO BE USED AT ALL PORCELAIN TILE STAIRS U.N.O. PROFILE TO BE BLACK COLOR.

FINISH LEGEND

- (WT-2) WALL FINISH
- (RBS-1) BASE FINISH
- (LVT-1) FLOOR FINISH

- NOTE:**
 1. FINISH TAG ABOVE INDICATES FINISHES FOR SPACE, UNLESS NOTED OTHERWISE.
 2. SEE DRAWING SERIES A11.0 FINISH LEGEND FOR COMPLETE DESCRIPTION.



FINISH PLAN KEYNOTES

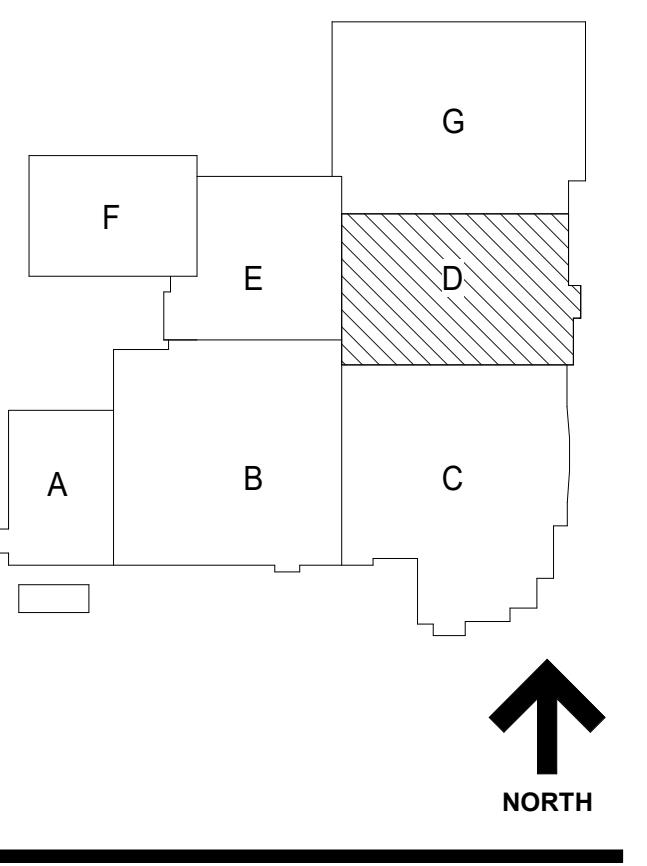
- F2 PROVIDE FLUSH MOUNT CORNER GUARD FULL HEIGHT, 2" WING, VINYL UNLESS NOTED AS STAINLESS IN THE FINISH PLANS. HOLD CORNER GUARD OFF FINISH FLOOR FOR WALL BASE INSTALLATION. SEE SHEET A7.50 FOR DETAIL.
 F10 MATCH EXISTING FINISHES
 F31 PROVIDE FLUSH MOUNT CORNER GUARD FULL HEIGHT, 2" WING, STAINLESS STEEL. HOLD CORNER GUARD 4" OFF FINISH FLOOR FOR WALL BASE INSTALLATION. SEE SHEET A7.50 FOR DETAIL.



COMMUNITY HIGH SCHOOL
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A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2019
A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
	ISSUED FOR 100% CD - PHASE C	07.12.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
 DOWNERS GROVE, IL 60515

FINISH PLAN - LEVEL 1 AREA D

Project Number:
 5274-42
 Drawn By:
 Author
 Sheet:

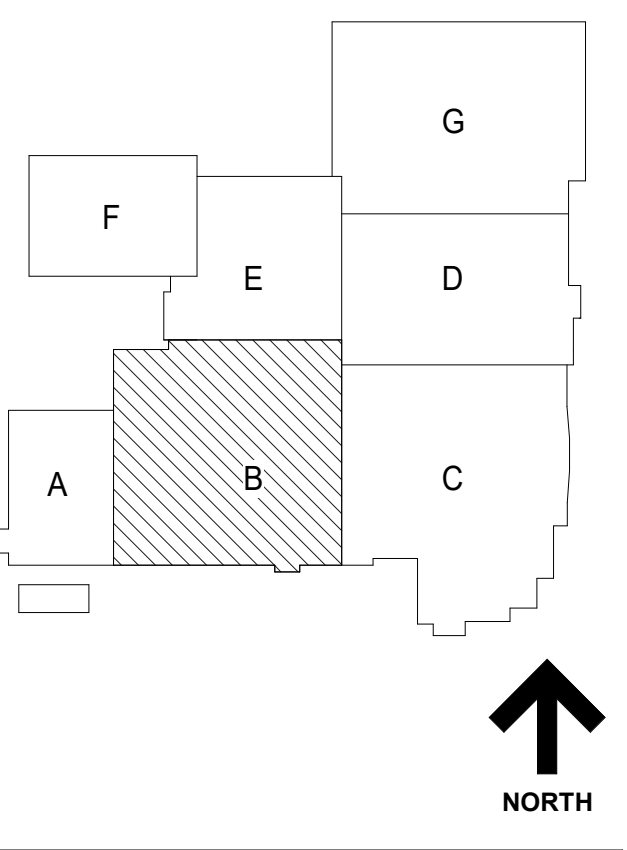
A10.01D



COMMUNITY HIGH SCHOOL
DISTRICT 99



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2500 North Frontage Road
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P 630.968.7000
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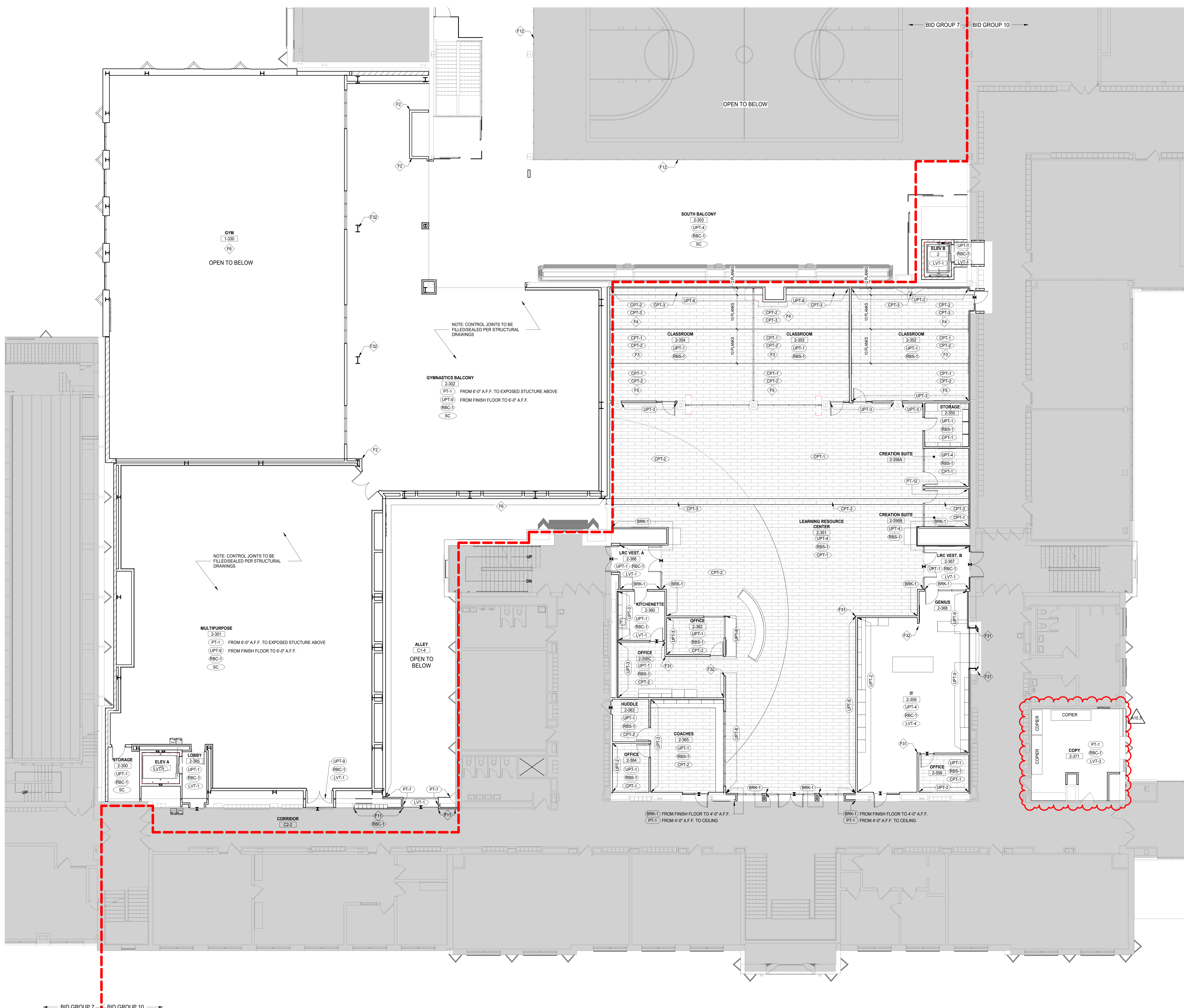
FINISH LEGEND

- NOTE:**
1. SEE SHEET A10.00 FOR PROJECT MATERIALS, ADDITIONAL INFORMATION, AND DETAILS.
- WALL**
1. ALL WALLS TO RECEIVE PAINT FINISH TO FINISHED CEILING UNLESS NOTED OTHERWISE.
2. WALL TILE TO CONTINUE BEHIND TOILET ROOM ACCESSORIES.
3. TOILET ROOM WALLS TO RECEIVE WALL TILE. SEE TOILET ROOM ELEVATIONS FOR EXACT LOCATIONS AND TYPES.
4. PAINT ON GYP. BD. PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINT ON GYP. BD. CEILINGS TO BE FLAT U.N.O. PAINT ON CMU PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINTED WOOD DOORS AND FRAMES TO BE SEMI-GLOSS U.N.O.
5. ALL WALLS TO BE PT. U.N.O.
6. PROVIDE EXTRUDED STAINLESS STEEL EASED 90 DEGREE PROFILE LIKE SCHLUTER JULY AT ALL OUTSIDE CORNERS AND EXPOSED EDGES IN WALL TILE. PROFILE TO BE BRUSHED STAINLESS STEEL FINISH.
7. NO PAINT FINISH ON BRICK PARTITIONS/SOFTFITS U.N.O.
8. PROVIDE GROUDED CORNER AT ALL WALL TILE INSIDE CORNERS.
- BASE**
1. ALL PAINTED CMU PARTITIONS TO RECEIVE 4" RESILIENT BASE U.N.O. STRAIGHT PROFILE BASE TO BE USED AT CARPET FLOOR SURFACES. U.N.O. COVE PROFILE BASE TO BE USED AT ALL OTHER FLOOR SURFACES. U.N.O.
2. RESILIENT BASE TO OCCUR ON CASEWORK. U.N.O.
3. PROVIDE GROUDED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.
- FLOOR**
1. FOR FLOOR TRANSITION DETAILS REFER TO A10.00
2. ALL FLOORING MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR SIDE STOP. REFER TO A10.00.
3. FLOORING EXTENDS UNDER CABINETRY U.N.O.
4. CARPET TILE ORIENTATION AS NOTED ON DRAWINGS.
- MISCELLANEOUS**
1. INTERIOR HOLLOW METAL DOOR AND FRAME UPT-7 U.N.O.
2. INTERIOR HOLLOW METAL FRAMES UPT-7 U.N.O.
3. SEE CASEWORK ELEVATIONS AND DETAILS FOR FINISH MATERIALS OF CASEWORK AND CUSTOM ARCHITECTURAL WOODWORK.
4. ALL MISC. METAL TO BE PAINTED UPT-7 U.N.O.
5. WALL AND CEILING CONTROL JOINTS TO BE PAINTED TO MATCH ADJACENT WALL COLOR U.N.O.
6. REVEALS IN WALLS TO BE BRUSHED ALUMINUM. NO PAINT.
7. STAR STRONGERS, GUARDRAILS AND HANDRAILS TO BE UPT-1.
8. ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-6 U.N.O.
9. PROVIDE EXTRUDED ALUMINUM STAR NOSING PROFILE LIKE SCHLUTER TREP-B SIZE (1/2" HEIGHT, 2 1/8" WIDTH) TO BE USED AT ALL PORCELAIN TILE STAIRS U.N.O. PROFILE TO BE BLACK COLOR.

FINISH LEGEND

- (WT-2) WALL FINISH
- (RBS-1) BASE FINISH
- (LVT-1) FLOOR FINISH

- NOTE:**
1. FINISH TAG ABOVE INDICATES FINISHES FOR SPACE, UNLESS NOTED OTHERWISE.
2. SEE DRAWING SERIES A11.0 FINISH LEGEND FOR COMPLETE DESCRIPTION.
- EXTENT OF FINISHES DEVIATING FROM REST OF ROOM**
- BASE TYPE | WALL FINISH
- FLOOR TRANSITION | MATERIAL DIRECTION
- FINISH PLAN KEYNOTES**
- F2 PROVIDE FLUSH MOUNT CORNER GUARD FULL HEIGHT, 2" WING, VINYL UNLESS NOTED AS STAINLESS ON THE FINISH PLANS. HOLD CORNER GUARD OFF FINISH FLOOR FOR WALL BASE INSTALLATION. SEE SHEET A7.50 FOR DETAIL.
 - F3 40% CPT-2, 60% CPT-1, RANDOM MIX
 - F4 75% CPT-2, 25% CPT-3, RANDOM MIX
 - F5 75% CPT-1, 25% CPT-2, RANDOM MIX
 - F6 REFER TO INTERIOR ELEVATIONS FOR EXTENTS OF PAINT DESIGNATIONS
 - F11 INFILL BRICK MANSICOTT, RUNNING BOND SOLIDER COURSE AND BRICK PLASTER TO MATCH EXISTING WITH SALVAGED INTERIOR BRICK MASONRY UNITS. REFER TO INTERIOR ELEVATIONS FOR EXTENTS OF EXISTING CONDITIONS TO MATCH
 - F12 EXISTING RAILING TO REMAIN. NO PAINT FINISH U.N.O.
 - F31 PROVIDE FLUSH MOUNT CORNER GUARD FULL HEIGHT, 2" WING, STAINLESS STEEL. HOLD CORNER GUARD 4" OFF FINISH FLOOR FOR WALL BASE INSTALLATION. SEE SHEET A7.50 FOR DETAIL.
 - F32 PAINT EXPOSED STEEL COLUMN UPT-1.



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1 LEVEL 2 FINISH PLAN - AREA A
SCALE: 1/8" = 1'-0"

28	DOC MOD 28	01/14/2020
A10.3	BID GROUP 10 - ADDENDUM #3	01/15/2020
A10.1	BID GROUP 10-ADDENDUM #1	12/30/2019
	ISSUED FOR BID - BID GROUP 10	11/19/2019
	ISSUED FOR 80% CD - PHASE C	11/01/2019
	ISSUED FOR 75% CD - PHASE C	10/14/2019
	ISSUED FOR 25% CD - PHASE C	08/30/2019
13	DOC MOD 13	08/02/2019
	ISSUED FOR CONSTRUCTION - PHASE B	07/26/2019

REV ISSUE DATE

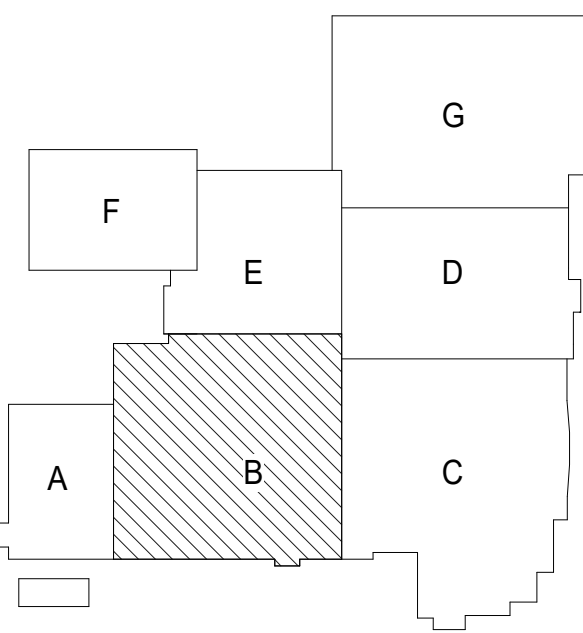
MFP
IMPLEMENTATION -
NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

FINISH PLAN - LEVEL 2
AREA B (PHASE B)

Project Number:
5274-42
Drawn By:
MB
Sheet:

A10.02B.b



FINISH LEGEND

NOTE:
1. SEE SHEET A10.00 FOR PROJECT MATERIALS, ADDITIONAL INFORMATION, AND DETAILS OTHERWISE.

- WALL**
1. ALL WALLS TO RECEIVE PAINT FINISH TO FINISHED CEILING UNLESS NOTED OTHERWISE.
 2. WALL TILE TO CONTINUE BEHIND TOILET ROOM ACCESSORIES.
 3. TOILET ROOM WALLS TO RECEIVE WALL TILE. SEE TOILET ROOM ELEVATIONS FOR EXACT LOCATIONS AND TYPES.
 4. PAINT ON GYP. BD. PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINT ON GYP. BD. CEILINGS TO BE FLAT U.N.O. PAINT ON CMU PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINTED WOOD DOORS AND FRAMES TO BE SEMI-GLOSS U.N.O.
 5. ALL WALLS TO BE PT-1 U.N.O.
 6. PROVIDE EXTRUDED STAINLESS STEEL EASED 90 DEGREE PROFILE LIKE SCHLUTER JULY AT ALL OUTSIDE CORNERS AND EXPOSED EDGES IN WALL TILE PROFILE TO BE BRUSHED STAINLESS STEEL FINISH.
 7. NO PAINT FINISH ON BRICK PARTITIONS/SOFFITS U.N.O.
 8. PROVIDE GROUDED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.

- BASE**
1. ALL PAINTED CMU PARTITIONS TO RECEIVE 4" RESILIENT BASE U.N.O. STRAIGHT PROFILE BASE TO BE USED AT CARPET FLOOR SURFACES. U.N.O. COVE PROFILE BASE TO BE USED AT ALL OTHER FLOOR SURFACES. U.N.O.
 2. RESILIENT BASE TO OCCUR ON CASEWORK. U.N.O.
 3. PROVIDE GROUDED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.

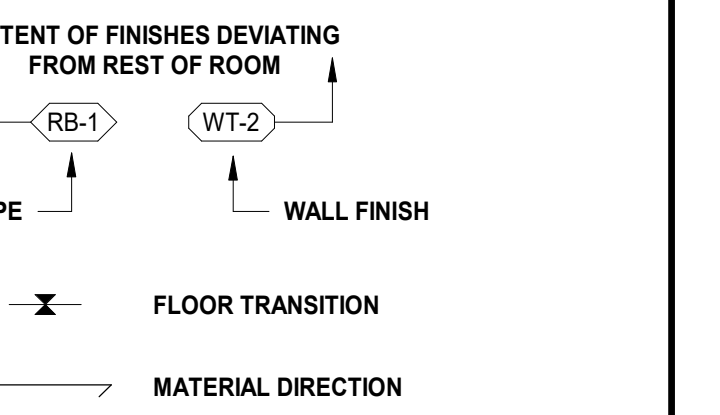
- FLOOR**
1. FOR FLOOR TRANSITION DETAILS REFER TO A10.00
 2. ALL FLOORING MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR SIDE STOP. REFER TO A10.00
 3. FLOORING EXTENDS UNDER CABINETS U.N.O.
 4. CARPET TILE ORIENTATION AS NOTED ON DRAWINGS.

- MISCELLANEOUS**
1. INTERIOR HOLLOW METAL DOOR AND FRAME UPT-7 U.N.O.
 2. INTERIOR HOLLOW METAL FRAMES UPT-7 U.N.O.
 3. SEE CASEWORK ELEVATIONS AND DETAILS FOR FINISH MATERIALS OF CASEWORK AND CUSTOM ARCHITECTURAL WOODWORK.
 4. ALL MISC. METAL TO BE PAINTED UPT-7 U.N.O.
 5. WALL AND CEILING CONTROL JOINTS TO BE PAINTED TO MATCH ADJACENT WALL COLOR U.N.O.
 6. REVEALS IN WALLS TO BE BRUSHED ALUMINUM. NO PAINT.
 7. STAIR STRINGERS, GUARDRAILS AND HANDRAILS TO BE UPT-7.
 8. ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-6 U.N.O.
 9. PROVIDE EXTRUDED ALUMINUM STAIR NOSING PROFILE LIKE SCHLUTER TREP-B SIZE (1/2" HEIGHT, 2 1/8" WIDTH) TO BE USED AT ALL PORCELAIN TILE STAIRS U.N.O. PROFILE TO BE BLACK COLOR.

FINISH LEGEND

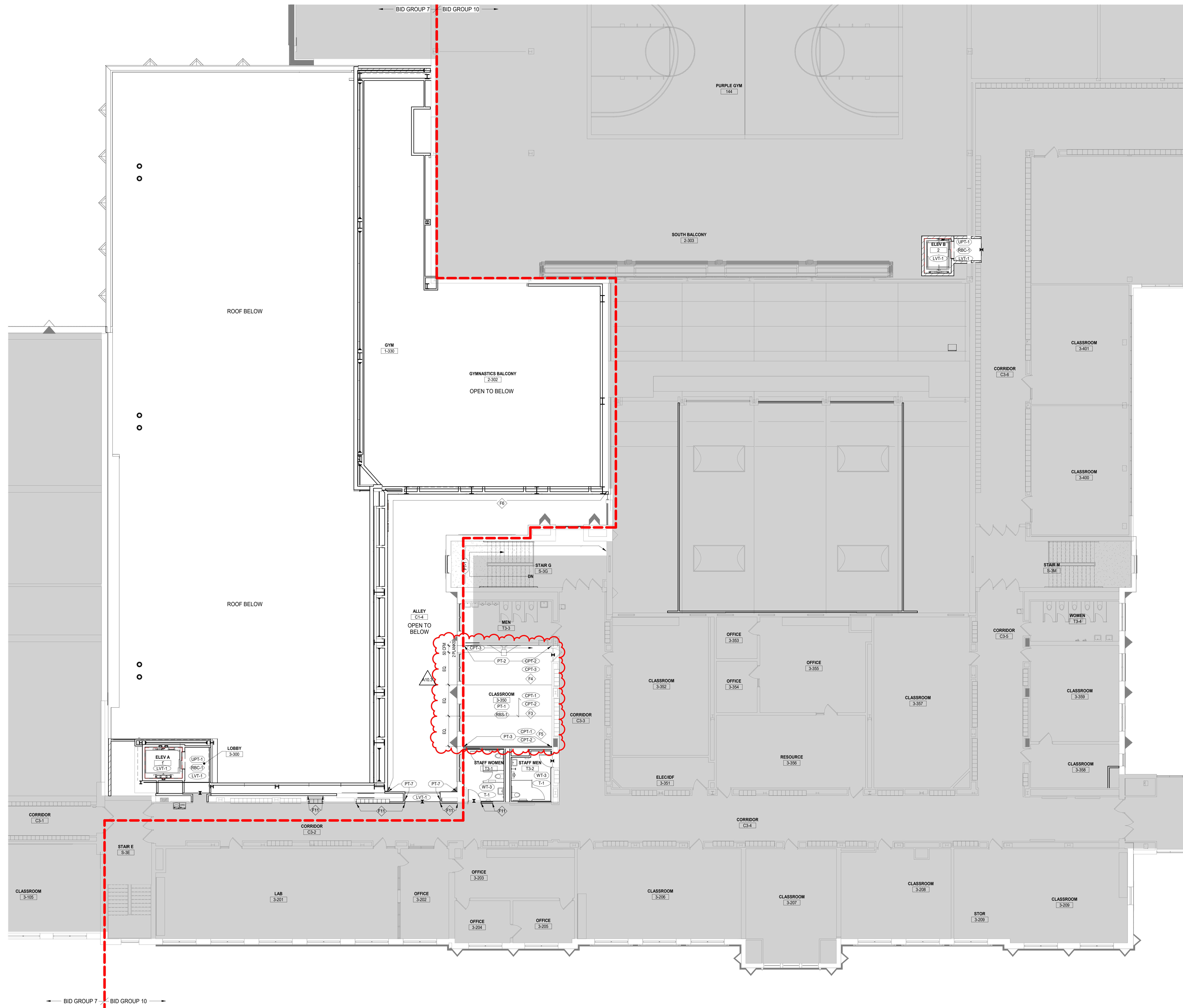
- (WT-2) WALL FINISH
- (RBS-1) BASE FINISH
- (LVT-1) FLOOR FINISH

NOTE:
1. FINISH TAG ABOVE INDICATES FINISHES FOR SPACE, UNLESS NOTED OTHERWISE.
2. SEE DRAWING SERIES A11.0 FINISH LEGEND FOR COMPLETE DESCRIPTION.

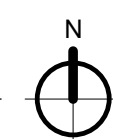


FINISH PLAN KEYNOTES

- F3 40% CPT-2, 60% CPT-1, RANDOM MIX
- F4 75% CPT-2, 25% CPT-3, RANDOM MIX
- F5 75% CPT-1, 25% CPT-2, RANDOM MIX
- F6 REFER TO INTERIOR ELEVATIONS FOR EXTENTS OF PAINT DESIGNATIONS
- F11 INFILL BRICK MAINSCOTT, RUNNING BOND SOLDIER COURSE AND BRICK PLASTER TO MATCH EXISTING WITH SALVAGED INTERIOR BRICK MASONRY UNITS. REFER TO INTERIOR ELEVATIONS FOR EXTENTS OF EXISTING CONDITIONS TO MATCH



1 LEVEL 3 FINISH PLAN - AREA A
SCALE: 1/8" = 1'-0"



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28	DOC MOD 28	01.14.2020
A10.3	BID GROUP 10 - ADDENDUM #3	01.15.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
	ISSUED FOR CONSTRUCTION - PHASE B	07.26.2019

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IMPLEMENTATION -
NORTH

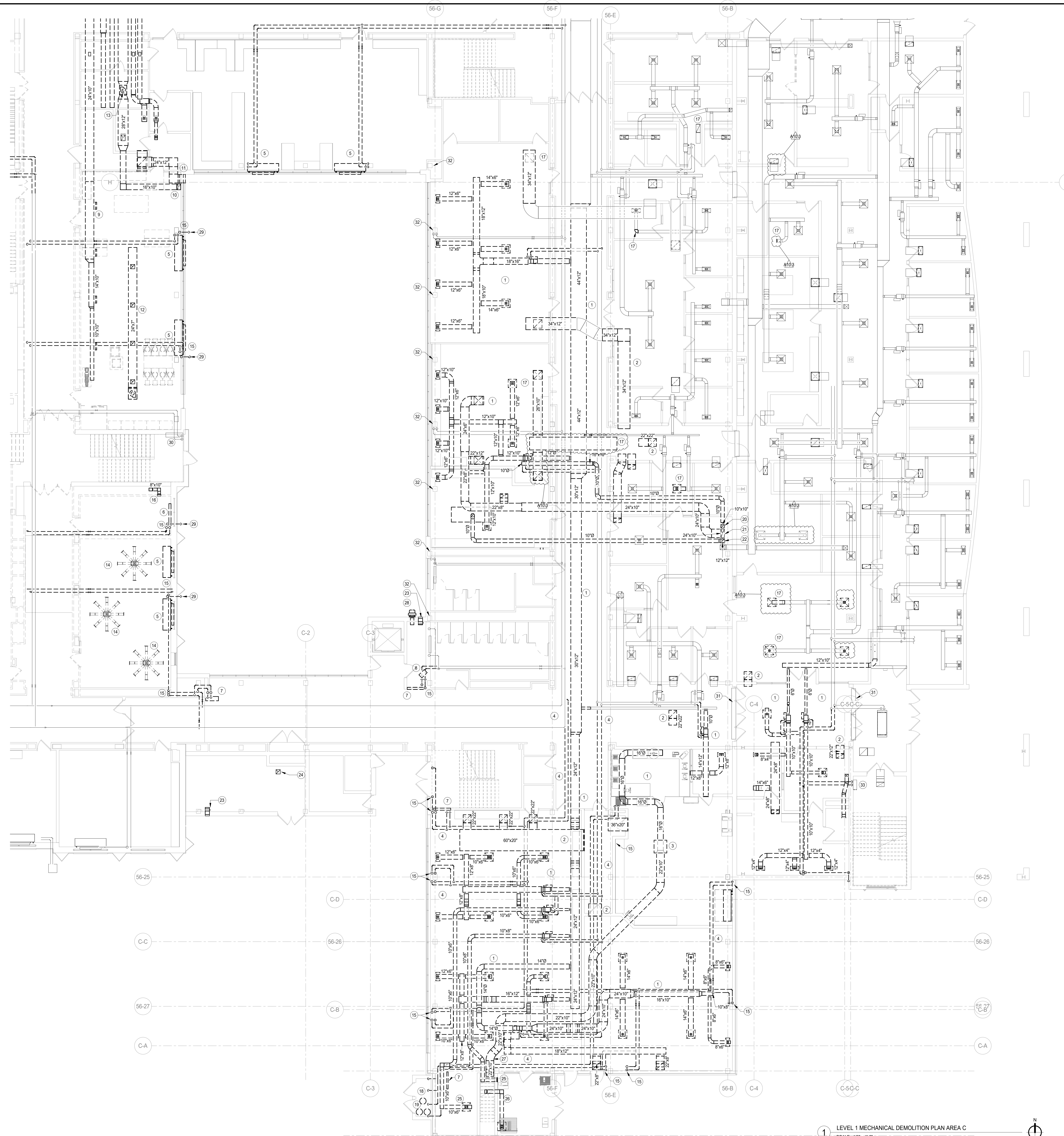
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FINISH PLAN - LEVEL 3
AREA B

Project Number:
5274-42
Drawn By:
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Sheet:

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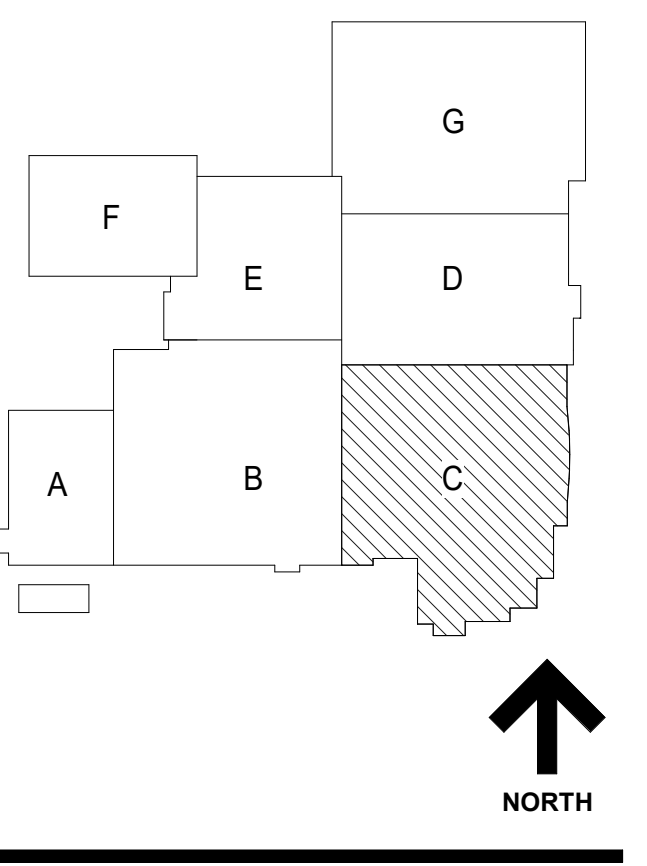
1 LEVEL 1 MECHANICAL DEMOLITION PLAN AREA C
 SCALE: 1/8" = 1'-0"

#	KEYNOTES
1	DEMOLISH DUCTWORK, INSULATION, VAV BOXES, SUPPORTS & HANGERS SHOWN DASHED. CAP DUCTWORK AT MAINS.
2	DEMOLISH TRANSFER AIR DUCT AS SHOWN.
3	DEMOLISH CEILING MOUNTED EXHAUST FAN, ASSOCIATED DUCTWORK, SUPPORTS & HANGERS SHOWN DASHED.
4	DEMOLISH SUPPLY AND RETURN PIPING, SUPPORTS, HANGERS, INSULATION, VALVES, ETC. SHOWN DASHED.
5	DEMOLISH EXISTING UNIT VENTILATOR, ASSOCIATED DUAL TEMPERATURE BRANCH PIPING, SUPPORTS, AND CONTROLS. SHOWN DASHED. CAP PIPING AT MAINS. PATCH WALL AT UNIT WHERE EXISTING LOUVER IS REMOVED AS REQUIRED TO MATCH EXISTING.
6	DEMOLISH FIN TUBE RADIATOR, ASSOCIATED HOT WATER BRANCH PIPING, SUPPORTS ETC. SHOWN DASHED. CAP PIPING AT MAINS.
7	DEMOLISH EXISTING RADIATOR AND ASSOCIATED HOT WATER SUPPLY AND RETURN BRANCH PIPING. CAP PIPING AT MAINS.
8	DEMOLISH EXISTING UNIT HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN BRANCH PIPING. CAP PIPING AT MAINS.
9	DEMOLISH EXHAUST AIR DUCTWORK AS SHOWN UP TO POINT OF EXHAUST. HANGERS AND INSULATION SHOWN DASHED.
10	DEMOLISH EXHAUST HOOD AND ASSOCIATED DUCTWORK, SUPPORTS, HANGERS AND INSULATION SHOWN DASHED.
11	DEMOLISH INTAKE LOUVER AND ASSOCIATED DUCTWORK, SUPPORTS, HANGERS AND INSULATION SHOWN DASHED.
12	DEMOLISH CEILING MOUNTED DUST COLLECTOR AND ASSOCIATED DUCTWORK.
13	DEMOLISH CEILING MOUNTED INLINE FAN AND ASSOCIATED DUCTWORK UP TO POINT OF EXHAUST.
14	DEMOLISH EXISTING CEILING MOUNTED FAN, WIRING, CONTROLS, ETC. SHOWN DASHED.
15	DEMOLISH PIPING RISERS ALL THE WAY UP TO THE 3RD FLOOR.
16	DEMOLISH TOILET EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK UP TO SECOND FLOOR. CAP AT MAINS.
17	DEMOLISH DUCTWORK AND/OR DIFFUSERS AS SHOWN.
18	DEMOLISH ACETYLENE & OXYGEN GAS PIPING FROM STORAGE ROOM UP TO JEWELRY ROOM AS SHOWN.
19	SALVAGE ACETYLENE GAS STORAGE CYLINDERS. RETURN TO OWNER.
20	DEMOLISH EXHAUST DUCTWORK ALL THE WAY UP TO ROOF. DEMOLISH EXISTING ASSOCIATED EXHAUST FAN GEF-12 ON ROOF.
21	DEMOLISH EXHAUST DUCTWORK ALL THE WAY UP TO ROOF. DEMOLISH EXISTING ASSOCIATED EXHAUST FAN GEF-6 ON ROOF.
22	DEMOLISH EXHAUST DUCTWORK ALL THE WAY UP TO ROOF. DEMOLISH EXISTING ASSOCIATED EXHAUST FAN GEF-7 ON ROOF.
23	DEMOLISH EXISTING INTAKE WALL LOUVER AND DAMPER AS SHOWN.
24	DEMOLISH EXHAUST GRILLE AND ASSOCIATED EXHAUST FAN ON ROOF.
25	DEMOLISH EXISTING SUPPLY DUCTWORK, INSULATION, SUPPORTS, HANGERS AND DIFFUSERS. SHOWN DASHED.
26	DEMOLISH EXISTING RETURN DIFFUSERS AND DUCTWORK AND ASSOCIATED EXHAUST FAN ON ROOF.
27	DEMOLISH EXISTING EXHAUST DUCTWORK AND ASSOCIATED RELIEF HOOD ON ROOF.
28	DEMOLISH EXISTING SIDEWALL MOUNTED EXHAUST FAN.
29	DEMOLISH CONDENSATE DRAIN PIPES. PATCH WALL TO MATCH EXISTING FINISH.
30	EXISTING HOT WATER RADIATOR, ASSOCIATED PIPING & PIPE RISERS TO REMAIN.
31	EXISTING RETURN AIR TRANSFER DUCT TO REMAIN.
32	EXISTING PIPING RISERS AGAINST THE COLUMNS SHALL BE REMOVED AND REINFORCED REBAR AS REQUIRED TO RECEIVE STRUCTURAL FIBER REINFORCING.
33	CABINET UNIT HEATER TO REMAIN.

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 ISSUED FOR BID - BID GROUP 10 11.19.2019
 ISSUED FOR 90% CD - PHASE C 11.01.2019
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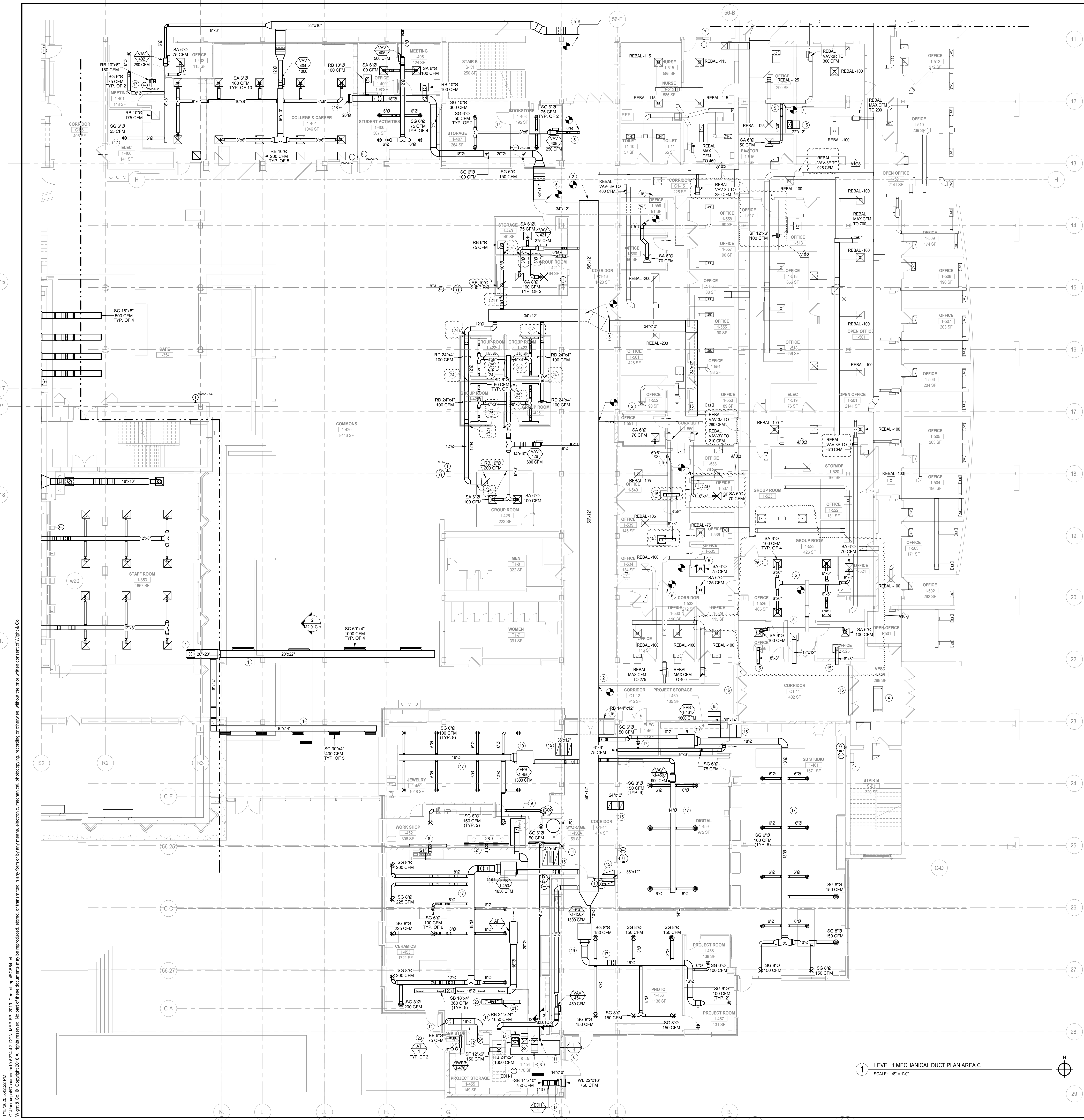
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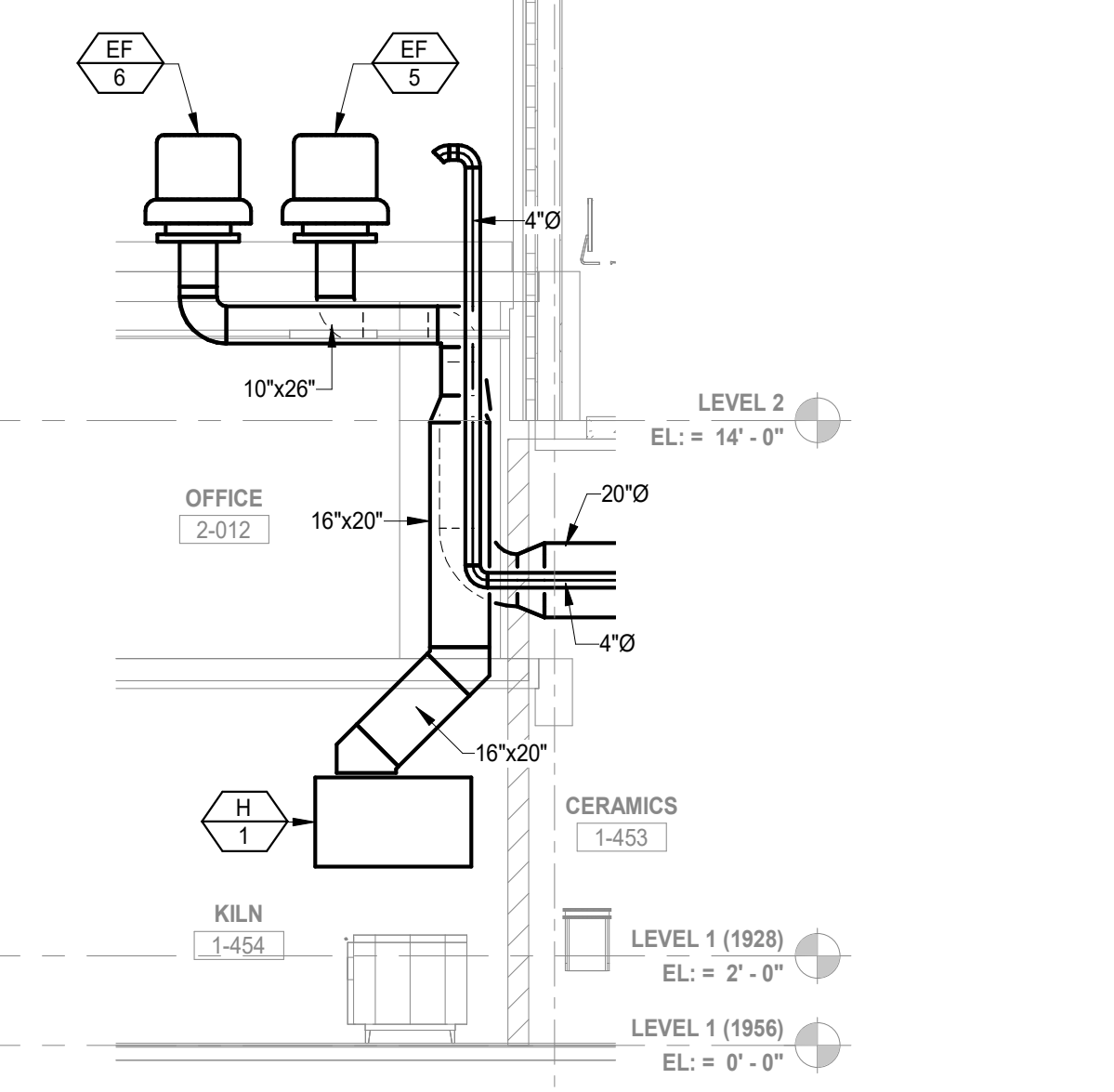
LEVEL 1 MECHANICAL DEMOLITION PLAN AREA C

Project Number:
 5274-42
 Drawn By:
 Author:
 Sheet:

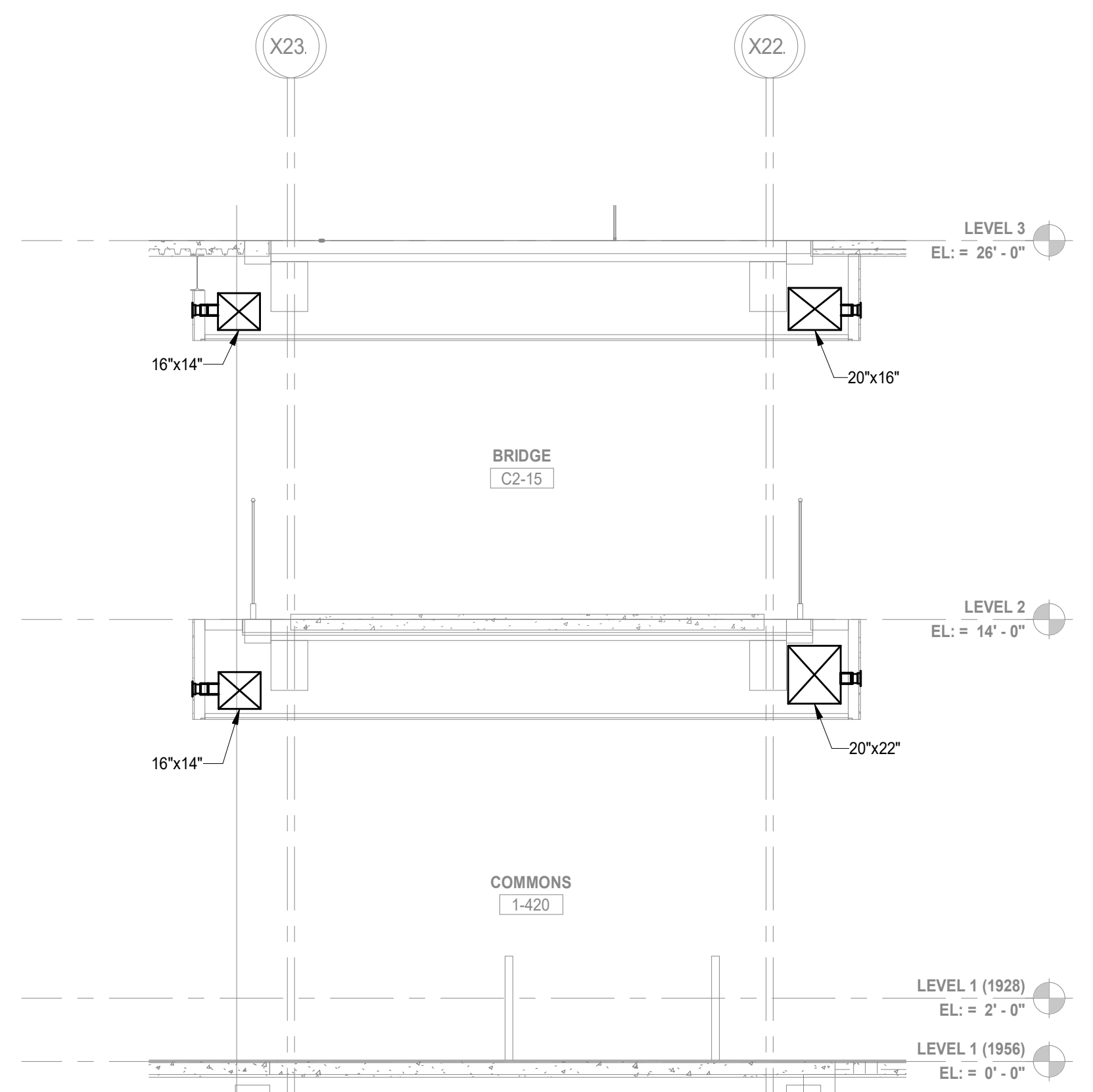
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- KEYNOTES**
- SUPPLY DUCT FROM NEW RTU2 ON ROOF TO SERVE THE COMMONS. INSTALL DRUM LOVERS ON THE SIDEWALL TO SERVE THE COMMONS AREA.
 - CONNECT TO EXISTING DUCT TO SERVE THE NEW ADDITION.
 - EXHAUST DUCT FROM KILN HOOD TO BE ROUTED UP TO ROOF EXHAUST FAN EF-6.
 - EXISTING CLIN TO REMAIN.
 - CONNECT TO EXISTING DUCTWORK.
 - PROVIDE STAINLESS STEEL KILN EXHAUST HOOD. REFER TO SCHEDULES.
 - RELOCATE EXISTING THERMIST TO NEW LOCATION AS SHOWN.
 - REFER TO DETAIL 12 & 13 FOR EXHAUST BOX DETAILS SERVE THE SOLDERING, ETCHING, AND PICKLING STATIONS.
 - PROVIDE OVERHEAD EXHAUST HOOD FOR LARGE KILN AND CENTRIFUGE. REFER TO SCHEDULES.
 - EXISTING AIR COMPRESSOR TO BE RELOCATED HERE.
 - PROVIDE 2" VENT FROM FLAMMABLE CABINET. ROUTE UP TO ROOF AND TERMINATE WITH GOOSENECK.
 - EXHAUST DUCT TO CONNECT TO SPRAY BOOTH EXHAUST FAN & TO BE ROUTED UP TO ROOF. TERMINATE WITH GOOSENECK. SPRAY BOOTH BY OTHERS.
 - PROVIDE ELECTRIC DUCT HEATER IN FRESH AIR INTAKE. PROVIDE BACKDRAFT DAMPER IN DUCT & WALL MOUNTED THERMISTAT.
 - TRANSFER DUCT WITH GRILLES TO TRANSFER AIR TO KILN ROOM. PROVIDE BACKDRAFT DAMPER.
 - TRANSFER DUCT (TYP).
 - EXISTING TRANSFER DUCT TO REMAIN.
 - ALL EXPOSED SPIRAL DUCT TO BE DOUBLE WALL INSULATED WITH PERFORATED METAL INNER LINER. REFER TO SPECIFICATION SECTION 233113. SPIRAL DUCTWORK SHALL BE PRIMED TO FACILITATE PAINTING. ALL SIZES SHOWN ARE CLEAR INTERIOR DIMENSIONS.
 - PROVIDE EXPANDED METAL SCREEN 75% FREE AREA.
 - ALL RECTANGULAR DUCTWORK DOWNSTREAM OF FAN POWERED BOXES TO BE LINED UP TO 2' LENGTH OR UP TO THE FIRST ELBOW.
 - REFER TO DETAIL ON DRAWING SHEET M2.01C FOR VENTILATION BENCH HOOD DETAIL.
 - PROVIDE A MANUAL GATE AT AN EASILY ACCESSIBLE HEIGHT THAT CAN BE OPENED WHENEVER EXHAUST NEEDS TO BE TURNED ON.
 - EXHAUST FROM JEWELRY WORKSHOP AND CERAMIC MIXING HOOD TO BE ROUTED UP TO ROOF MOUNTED EXHAUST FAN EF-6.
 - ACETYLENE TANKS TO BE SECURED BY METAL CHAINS TO THE WALL.
 - PROVIDE RESILIENTLY SEALED PENETRATIONS THROUGH DEMISING CONSTRUCTION. REFER TO ARCHITECTURAL DETAILS.
 - PROVIDE 1" INTERNAL LINER TO REDUCE NOISE ISSUES.
 - RELOCATED THERMIST SERVING VAV-3Y TO OFFICE 1-537 AND THERMISTAT SERVING VAV-3P TO OFFICE 1-556.



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



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

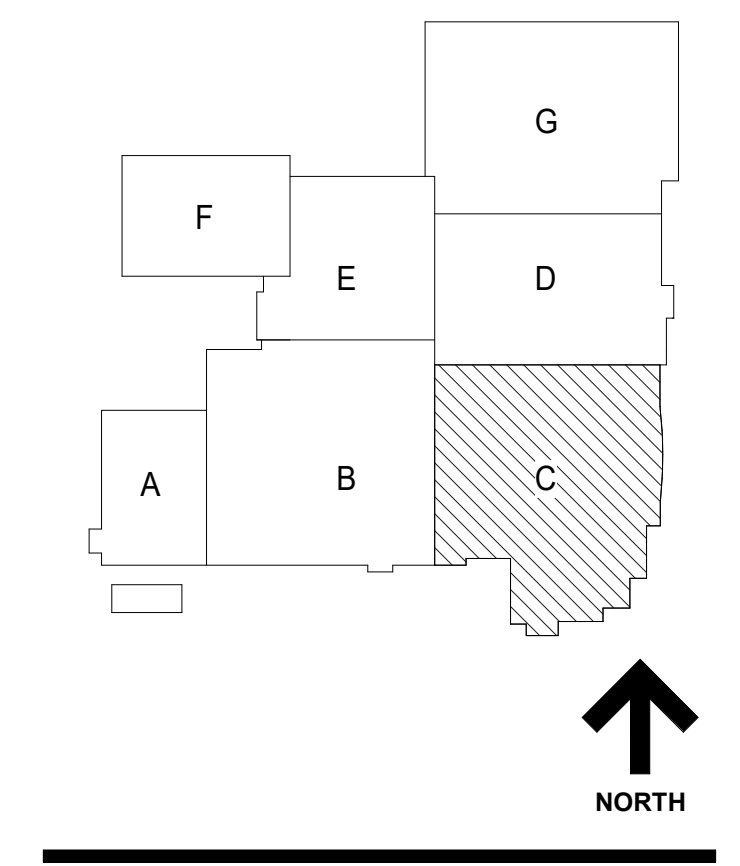
1 LEVEL 1 MECHANICAL DUCT PLAN AREA C
SCALE: 1/8" = 1'-0"

DISTRICT 99

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A10.3	BID GROUP 16-ADDENDUM #1	01.16.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
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	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
	ISSUED FOR 100% CD - PHASE C	07.12.2019
	ISSUE	DATE

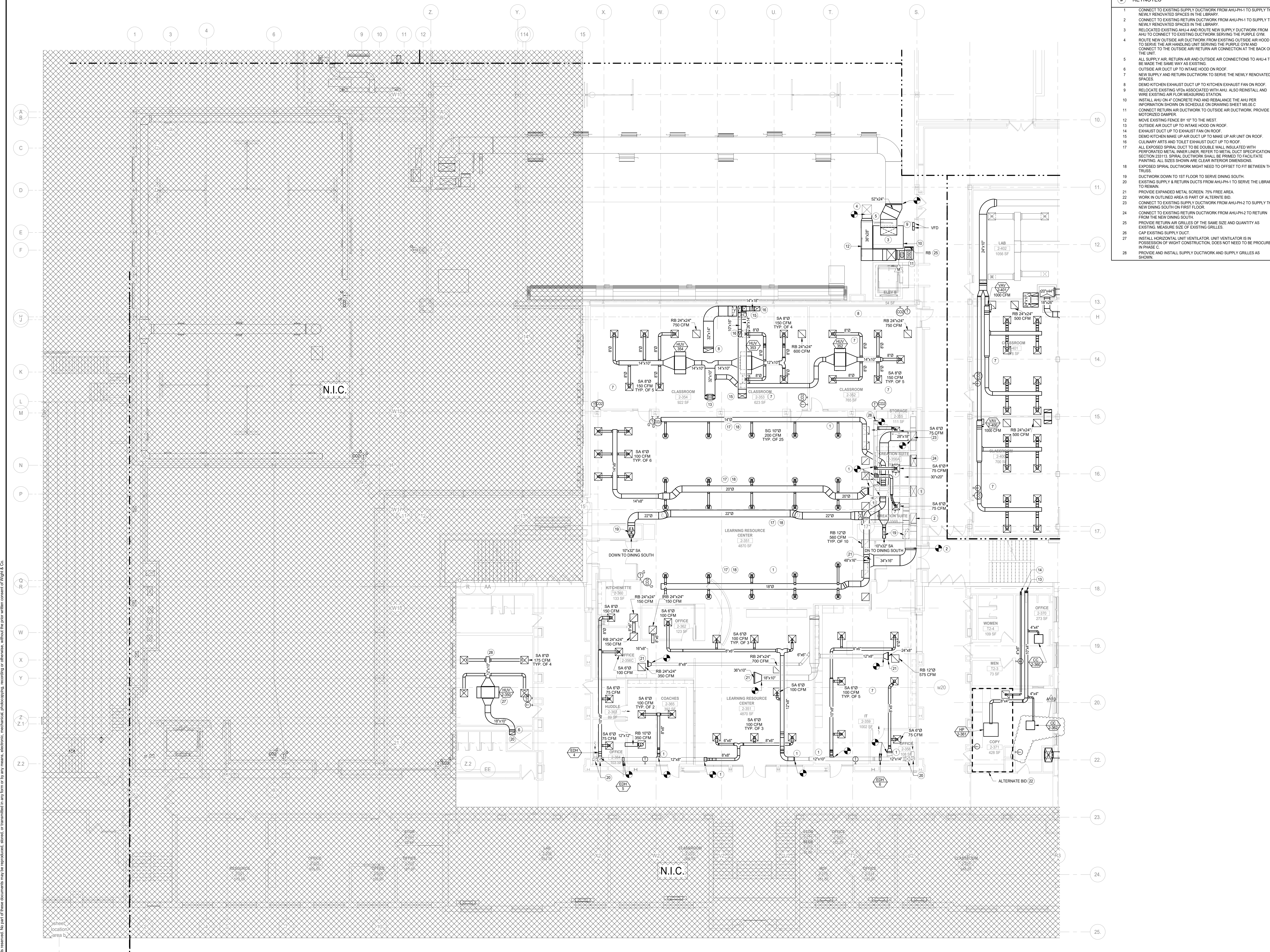
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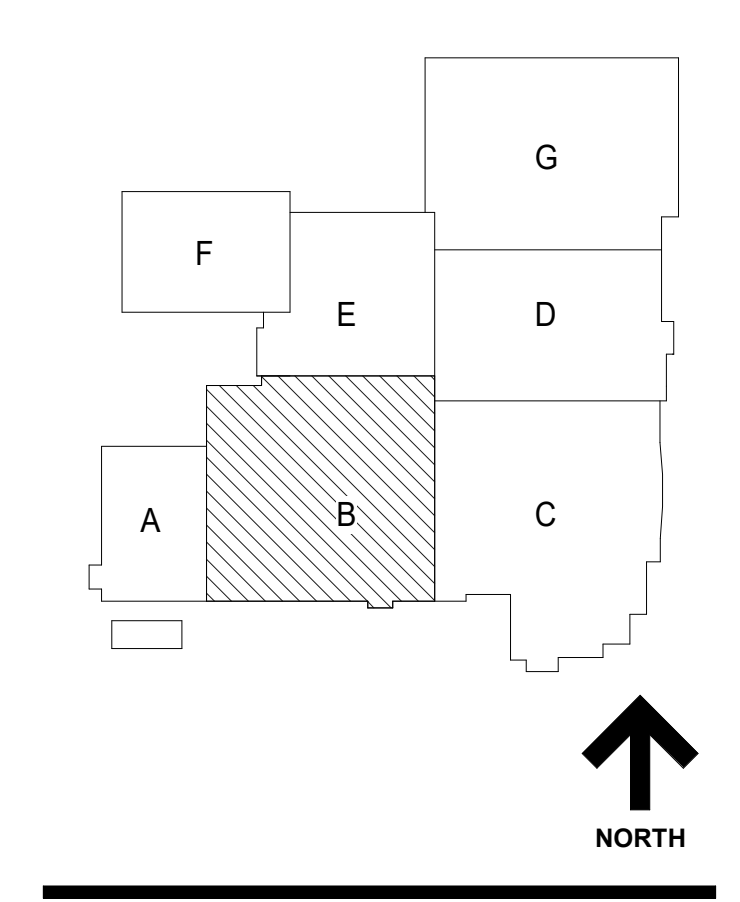
LEVEL 1 MECHANICAL DUCT PLAN AREA C

Project Number:
5274-42
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- KEYNOTES**
- CONNECT TO EXISTING SUPPLY DUCTWORK FROM AHU-PH-1 TO SUPPLY THE NEWLY RENOVATED SPACES IN THE LIBRARY.
 - CONNECT TO EXISTING RETURN DUCTWORK FROM AHU-PH-1 TO SUPPLY THE NEWLY RENOVATED SPACES IN THE LIBRARY.
 - RELOCATED EXISTING AHU-4 AND ROUTE NEW SUPPLY DUCTWORK FROM AHU TO CONNECT TO EXISTING DUCTWORK SERVING THE PURPLE GYM.
 - ROUTE NEW OUTSIDE AIR DUCTWORK FROM EXISTING OUTSIDE AIR HOOD TO SERVE THE AIR HANDLING UNIT SERVING THE PURPLE GYM AND CONNECT TO THE OUTSIDE AIR RETURN AIR CONNECTION AT THE BACK OF THE UNIT.
 - ALL SUPPLY AIR, RETURN AIR AND OUTSIDE AIR CONNECTIONS TO AHU-4 TO BE MADE THE SAME WAY AS EXISTING.
 - OUTSIDE AIR DUCT UP TO INTAKE HOOD ON ROOF.
 - NEW SUPPLY AND RETURN DUCTWORK TO SERVE THE NEWLY RENOVATED SPACES.
 - DEMO KITCHEN EXHAUST DUCT UP TO KITCHEN EXHAUST FAN ON ROOF.
 - RELOCATE EXISTING VFDs ASSOCIATED WITH AHU. ALSO REINSTALL AND WIRE EXISTING AIR FLOW MEASURING STATION.
 - INSTALL AHU ON 4" CONCRETE PAD AND REBALANCE THE AHU PER INFORMATION SHOWN ON SCHEDULE ON DRAWING SHEET M5.00.C
 - CONNECT RETURN AIR DUCTWORK TO OUTSIDE AIR DUCTWORK. PROVIDE MOTORIZED DAMPER.
 - MOVE EXISTING FENCE BY 10' TO THE WEST.
 - OUTSIDE AIR DUCT UP TO INTAKE HOOD ON ROOF.
 - EXHAUST DUCT UP TO EXHAUST FAN ON ROOF.
 - DEMO KITCHEN MAKE UP AIR DUCT UP TO MAKE UP AIR UNIT ON ROOF.
 - CULINARY ARTS AND TOILET EXHAUST DUCT UP TO ROOF.
 - ALL EXPOSED SPIRAL DUCT TO BE DOUBLE WALL INSULATED WITH PERFORATED METAL INNER LINER. REFER TO METAL DUCT SPECIFICATION SECTION 23113. SPIRAL DUCTWORK SHALL BE FINISHED TO FACILITATE PAINTING. ALL SIZES SHOWN ARE CLEAR INTERIOR DIMENSIONS.
 - EXPOSED SPIRAL DUCTWORK MIGHT NEED TO OFFSET TO FIT BETWEEN THE TRUSSES.
 - DUCTWORK DOWN TO 1ST FLOOR TO SERVE DINING SOUTH.
 - EXISTING SUPPLY & RETURN DUCTS FROM AHU-PH-1 TO SERVE THE LIBRARY TO REMAIN.
 - PROVIDE EXPANDED METAL SCREEN: 70% FREE AREA.
 - WORK IN OUTLINED AREA IS PART OF ALTERNATE BID.
 - CONNECT TO EXISTING SUPPLY DUCTWORK FROM AHU-PH-2 TO SUPPLY THE NEW DINING SOUTH ON FIRST FLOOR.
 - CONNECT TO EXISTING RETURN DUCTWORK FROM AHU-PH-2 TO RETURN FROM THE NEW DINING SOUTH.
 - PROVIDE RETURN AIR GRILLES OF THE SAME SIZE AND QUANTITY AS EXISTING. MEASURE SIZE OF EXISTING GRILLES.
 - CAP EXISTING SUPPLY DUCT.
 - INSTALL HORIZONTAL UNIT VENTILATOR. UNIT VENTILATOR IS IN POSSESSION OF WIGHT CONSTRUCTION. DOES NOT NEED TO BE PROCURED IN PHASE C.
 - PROVIDE AND INSTALL SUPPLY DUCTWORK AND SUPPLY GRILLES AS SHOWN.



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A10.3	BID GROUP 10-ADDENDUM #1	01.16.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
	ISSUED FOR 100% DD - PHASE C	07.12.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
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LEVEL 2 MECHANICAL DUCT PLAN AREA B

Project Number:
 5274-42
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 Sheet
M2.02B.c

1 LEVEL 2 MECHANICAL DUCT PLAN AREA B
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ROOFTOP UNIT SCHEDULE table with columns for EQUIPMENT TAG, LOCATION, AREA SERVED, MANUF., MODEL, APPROX. OVERALL DIMENSIONS (IN), UNIT WT (LBS), EER, CFM, ESP (IN WG), TSP (IN WG), TYPE, FAN RPM, MOTOR, OA CFM, EXHAUST FAN DATA, SUPPLY FAN DATA, DX COOLING COIL, HEATING COIL, FILTERS, and NOTES.

NOTES: 1. UNITS SHALL BE PROVIDED WITH OUTDOOR, PAINTED AND 2" DOUBLE WALL FOAM CONSTRUCTION. PROVIDE STAINLESS STEEL DRAIN PAN. 2. CONTRACTOR TO PROVIDE 2" THICK AWAY CONSTRUCTION FILTERS DURING CONSTRUCTION AND PROVIDE NEW FILTERS AS PER SCHEDULE AT START-UP.

DIFFUSER, GRILLE AND REGISTER SCHEDULE table with columns for EQUIPMENT TAG, MANUFACTURER, MODEL, TYPE, NOMINAL FACE SIZE, MATERIAL, MAX. N.C., and NOTES.

NOTES: 1. OTHER ACCEPTABLE MANUFACTURERS: SEE SPECIFICATIONS. 2. COLOR & FINISH TO BE SELECTED BY ARCHITECT. CUSTOM COLORS MAY BE REQUIRED AT CERTAIN LOCATIONS.

AIR HANDLING UNIT SCHEDULE table with columns for EQUIPMENT TAG, AREA SERVED, CFM, OA CFM, AIR FLOW CONFIGURATION, COIL ROWS/FT, EWT (°F), LWT (°F), EAT (°F), LAT (°F), COOLING, HEATING, SUPPLY FAN, RETURN FAN, ELECTRICAL, FILTER SECTION, DIMENSIONS (IN), WEIGHT (LBS), MANUFACTURER, MODEL #, and NOTES.

NOTES: 1. UNITS SHALL BE PROVIDED WITH OUTDOOR, PAINTED AND 2" DOUBLE WALL FOAM CONSTRUCTION. SINGLE WALL CONSTRUCTION UNITS ARE NOT ACCEPTABLE. 2. UNITS SHALL BE PROVIDED WITH A FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH.

COIL CIRCULATING PUMP SCHEDULE table with columns for EQUIPMENT TAG, SERVICE, MANUFACTURER, MODEL, TYPE, GPM, HEAD (FT), IMP. DIA. (IN), RPM, HP, V/PH/Hz, and NOTES.

NOTES: 1. OTHER ACCEPTABLE MANUFACTURERS: SEE SPECIFICATIONS.

AIR FILTRATION SCHEDULE table with columns for EQUIPMENT TAG, SERVED AREA, CFM, ESP (IN WG), BLOWER WITH 2 SPEED SWITCH, FILTERS, MAKE, MODEL, SOUND LEVEL (dB), WEIGHT (LBS), DIMENSIONS LxWxH (IN), and NOTES.

NOTES: 1) PROVIDE WITH 10-12 dB SILENCER WITH GRILL, OIL MIST DRAIN, OIL COLLECTION BOTTLE, REMOTE CONTROL, MAGNETIC PRESSURE GAUGE, EYE BOLTS, STRUT CHANNELS FOR CEILING MOUNT, DRAIN PLUG, AND ULTRA VIOLET LIGHT BAR CATALYST.

HOT WATER CABINET UNIT HEATERS table with columns for TAG, SERVICE, TYPE, ARRANGEMENT, AIRFLOW (CFM), MBH, GPM, EWT (°F), LWT (°F), WPD (FT HEAD), HP/WATT, VOLT, PHASE, MAKE, MODEL, and REMARKS.

NOTES: 1. PROVIDE INTEGRAL THERMOSTAT FOR CONTROL OF UNIT HEATERS. 2. PROVIDE STARTER AND DISCONNECT SWITCH.

CONDENSATE PUMP SCHEDULE table with columns for EQUIPMENT TAG, SERVICE, MANUFACTURER, MODEL, TYPE, CAPACITY, RECEIVER CAPACITY (GALLONS), MOTOR, HP, V/PH/Hz, and NOTES.

NOTES: 1. CONDENSATE PUMPS SHALL BE PROVIDED WITH SAFETY SWITCH, THERMAL OVERLOAD PROTECTION AND SHALL BE AUTOMATIC IN OPERATION. 2. CONDENSATE PUMPS SHALL BE PROVIDED FOR ALL HORIZONTAL UNIT VENTILATORS AND HORIZONTAL FAN COIL UNITS.

ELECTRIC DUCT COIL SCHEDULE table with columns for EQUIP TAG, LOCATION, MANUFACTURER, MODEL, TYPE, SIZE (WxH), CFM, SP (IN), KW, TEMP RISE, PHASE, VOLT, AMPS, and NOTES.

NOTES: 1. OTHER ACCEPTABLE MANUFACTURERS: SEE SPECIFICATIONS. 2. FURNISH WITH DISCONNECT SWITCH, CONTROL TRANSFORMER, MAGNETIC CONTACTORS, AIR FLOW SWITCH AND THERMAL CUTOUPS AND WALL THERMOSTAT.

FAN POWERED BOX SCHEDULE table with columns for EQUIPMENT TAG, LOCATION, AREA SERVED, MANUFACTURER, MODEL, AIR FLOW DATA (CFM), MOTOR, NC LEVELS, HOT WATER COIL, ELECTRICAL, and NOTES.

NOTES: 1. OTHER ACCEPTABLE MANUFACTURERS: SEE SPECIFICATIONS. 2. ALL BOXES TO BE FACTORY INSULATED W/INTERAL INLET SOUND ATTENUATOR, PRIMARY AIR VALVE, FAN CONTROL BOX, FIELD VARIABLE FAN SPEED CONTROL, AND ACCESS PANELS (INLET SOUND ATTENUATOR NEED NOT BE FURNISHED IF BOX INLET IS BLOWN DUCTED ON FLOOR PLAN).

EXISTING PENTHOUSE AHU SCHEDULE - NEW CHILLED WATER COIL AND SUPPLY FAN REBALANCE INFORMATION APPLICABLE ONLY table with columns for TAG, LOCATION, SERVES, MANUFACTURER, MODEL, TYPE OF SYSTEM, TYPE OF UNIT, OVERALL DIMENSIONS (IN), SUPPLY FAN DATA, FILTER, COIL DATA, HEATING PERFORMANCE, and ELECTRICAL DATA.

NOTES: 1) CHILLED WATER CONTROL VALVE TO BE BY THE CONTROLS CONTRACTOR. 2) REFER TO CHILLED WATER COIL PIPING DETAIL NO. 5 ON DRAWING SHEET M5.01.C FOR INFORMATION ON COIL CONNECTIONS, VALVES AND GAUGES.

HOOD SCHEDULE table with columns for EQUIPMENT TAG, LOCATION, HOOD DIMENSIONS (IN), AIRFLOW (CFM), COLLAR SIZE (IN), FREE AREA VELOCITY (FPM), THROAT AREA (FT2), STATIC PRESSURE (IN W.G.), MAKE, and MODEL.

NOTES: 1. PROVIDE WITH FACTORY MOUNTED EXHAUST COLLAR. 2. HOOD SHALL BE FABRICATED WITH INSULATED PANEL CONSTRUCTION. HANGER BRACKETS SHALL BE OF GALVANIZED STEEL. VERIFY DIMENSIONAL COMPATIBILITY IN FIELD BEFORE CONSTRUCTION OF HOOD.

EXISTING AHU-4 SCHEDULE FOR BALANCING INFORMATION ONLY table with columns for TAG, LOCATION, SERVES, MANUFACTURER, MODEL, TYPE OF SYSTEM, TYPE OF UNIT, OVERALL DIMENSIONS (IN), WEIGHT, SUPPLY FAN DATA, FILTER, CHANGE-OVER COIL, HEATING PERFORMANCE, and ELECTRICAL DATA.

WALL LOUVER SCHEDULE table with columns for EQUIPMENT TAG, LOCATION, INTAKE/EXHAUST, SERVICE, MANUFACTURER, MODEL, TYPE, SIZE (WxHxD), MIN. FREE AREA (SQ.FT.), LIVE SECTION (LxH (IN)), CFM, FREE AREA VELOCITY (FPM), P.D. (IN H2O), WATER PENETRATION VELOCITY (FPM), and NOTES.

NOTES: 1. OTHER ACCEPTABLE MANUFACTURERS: SEE SPECIFICATIONS. 2. PROVIDE BRISCOES AND BACKDRIFT DAMPERS FOR ALL LOUVERS. 3. COLOR & FINISH TO BE SELECTED BY ARCHITECT.

DUAL TEMPERATURE CEILING MOUNTED CASSETTE UNITS table with columns for EQUIPMENT TAG, LOCATION, CFM, OA CFM, AIR ARRANGEMENT, DUAL TEMPERATURE COIL, HEATING, SUPPLY FAN, ELECTRICAL, DIMENSIONS (IN), WEIGHT (LBS), MANUFACTURER, MODEL #, and NOTES.

NOTES: 1. ALL UNITS SHALL HAVE 1" MERV 8 FILTERS. 2. PIPING PACKAGE TO BE SHIPPED LOOSE AND TO BE INSTALLED AT COILS IN FIELD. PIPING PACKAGE TO INCLUDE THE CONTROL VALVE.

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A10.3 BID GROUP 10-ADDENDUM #3 01.16.2020 A10.1 BID GROUP 10-ADDENDUM #1 12.30.2019

MFP IMPLEMENTATION - NORTH

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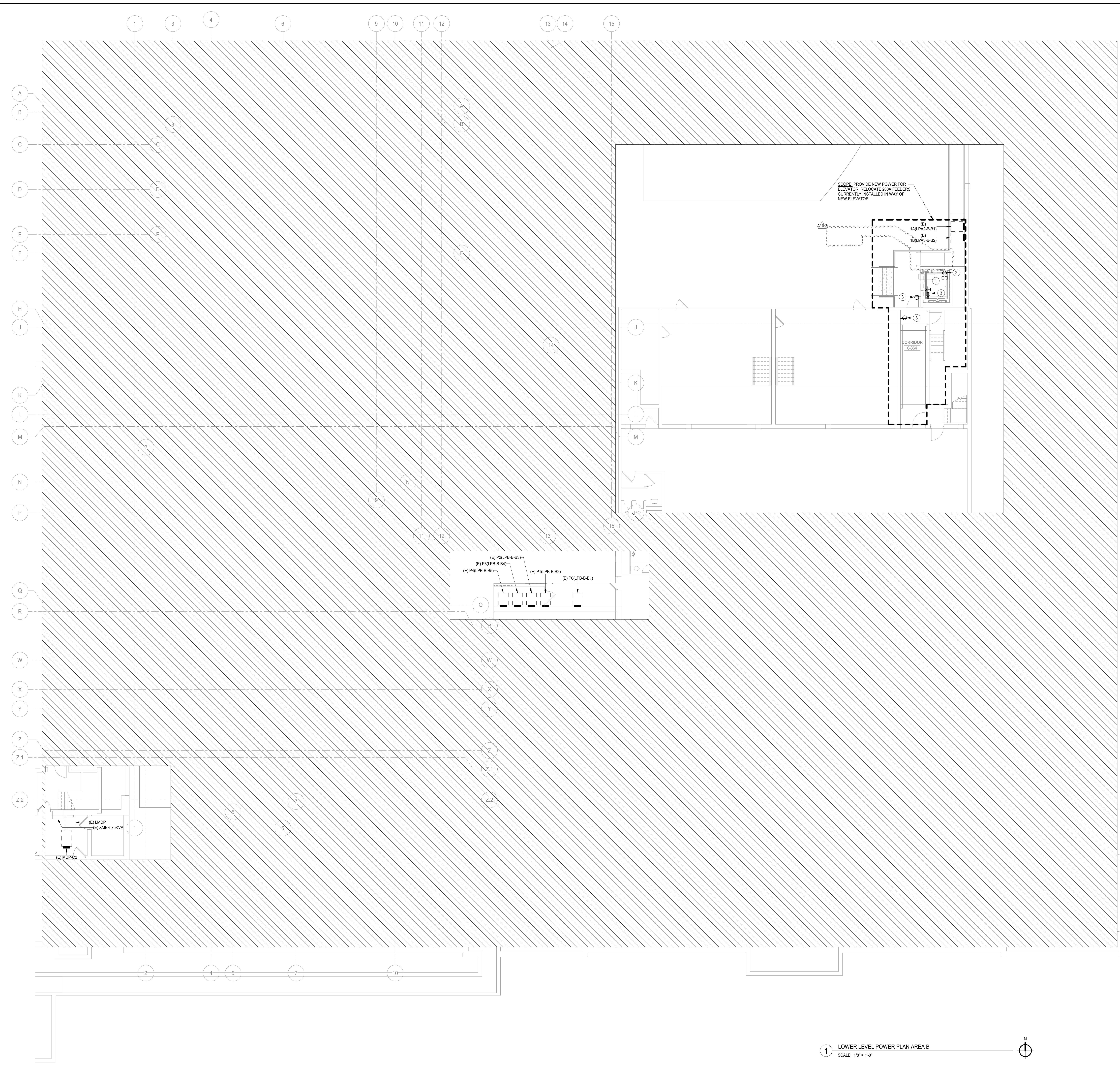
MECHANICAL SCHEDULES

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GENERAL NOTES

- THESE NOTES ARE APPLICABLE TO ALL POWER PLANS.
- THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS AND BRANCH FEEDS TO POWER OUTLETS SHALL BE 3/4" 1/2" CONDUIT IS ACCEPTABLE FOR BRANCH WIRING TO END OF THE LINE RECEPTACLE ONLY.
- ALL POWER BRANCH CIRCUITS SHALL TERMINATE AT 20A-1-POLE CIRCUIT BREAKERS IN PANELS AS INDICATED UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL PROVIDE ALL PENETRATIONS, SLEEVES, AND SEALANT AS REQUIRED THROUGH PARTITIONS TO ACCOMMODATE THE FIRE ALARM, PAGING, SECURITY, AUDIOVISUAL, VOICE, AND DATA CABLING. ANY PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE PROPERLY SEALED AND TREATED TO MAINTAIN THE FIRE STOPPING RATING OF THE WALLS, FLOORS, AND CEILING.
- BACKDROPS ARE TO BE MOUNTED OFFSET, NOT BACK TO BACK.
- CIRCUIT NUMBERS, WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
- UNLESS INDICATED OTHERWISE, ALL MATERIALS REQUIRED TO PROVIDE BRANCH CIRCUITS AND FEEDERS ARE TO BE NEW.
- REFERS TO MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL EQUIPMENT INFORMATION.
- ANY ELECTRICAL DEVICES ON NEW WALLS SHALL BE FLUSH MOUNTED. NO WYREMOOLS ARE ACCEPTABLE ON NEW WALLS UNLESS NOTED OTHERWISE.
- VERIFY RECEPTACLE LOCATIONS WITH ARCHITECTURAL FURNITURE LAYOUT TO ENSURE PROPER ACCESSIBILITY.
- LOW VOLTAGE WIRING SHALL NOT LIE ON TOP OF CEILING GRID SYSTEM. WIRING SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 5 FEET BY UTILIZING J-HOOKS SUPPORTED BY STRUCTURAL MEMBERS. WIRING SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND TIGHT TO CEILING/STRUCTURAL CORNERS WHERE THIS IS NOT FEASIBLE. SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- SPECIAL ATTENTION SHALL BE PAID TO ALL CONDUIT ROUTING IN OPEN CEILING SPACE FOR AESTHETIC PURPOSES. ALL EXPOSED CONDUITS SHALL BE ROUTED PERPENDICULAR AND PARALLEL TO BUILDING LINES AND TIGHT TO CEILING/STRUCTURAL CORNERS WHERE THIS IS NOT FEASIBLE. SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
- PROVIDE MANUAL MOTOR STARTER THERMAL OVERLOAD SWITCH AND 120V 20A CONTROL RELAY CONTRACTOR TO CONTROL PUMP/FAN (VERIFY CONTROL VOLTAGE WITH BUILDING AUTOMATION SYSTEM CONTRACTOR).
- PROVIDE AUXILIARY RELAY WIRING FOR INTERFACING OF HVAC CONTROLS AS REQUIRED. SEE MECHANICAL PLANS FOR ALL REQUIREMENTS. SEE MECHANICAL PLANS FOR ROUGH-IN LOCATION OF CONTROLS.

KEYNOTES

- RELOCATE EXISTING CONDUITS TO ACCOMMODATE INSTALLATION OF NEW ELEVATOR AT ALL LEVELS-VERIFY IN THE FIELD.
- PROVIDE DEDICATED 120 VOLT CIRCUIT FROM THE NEAREST 200/120V PANEL SERVING THE AREA FOR SUMP PUMP.
- PROVIDE 120 VOLT CIRCUIT FROM THE NEAREST 200/120V PANEL SERVING THE AREA FOR CONVENIENCE.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
(N)	NEW
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

**COMMUNITY HIGH SCHOOL
DISTRICT 99**

Wight

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**NOT FOR
CONSTRUCTION**

REV	DATE
A10.3	BID GROUP 10-ADDENDUM #3
	ISSUED FOR BID - BID GROUP 10
	ISSUED FOR 90% CD - PHASE C
	ISSUED FOR 75% CD - PHASE C
	ISSUED FOR 50% CD - PHASE C
	ISSUED FOR 25% CD - PHASE C
	ISSUE

**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**LOWER LEVEL POWER
PLAN AREA B (PHASE C)**

Project Number:
5274-42
Drawn By:
Author
Sheet:
E2.00B.c

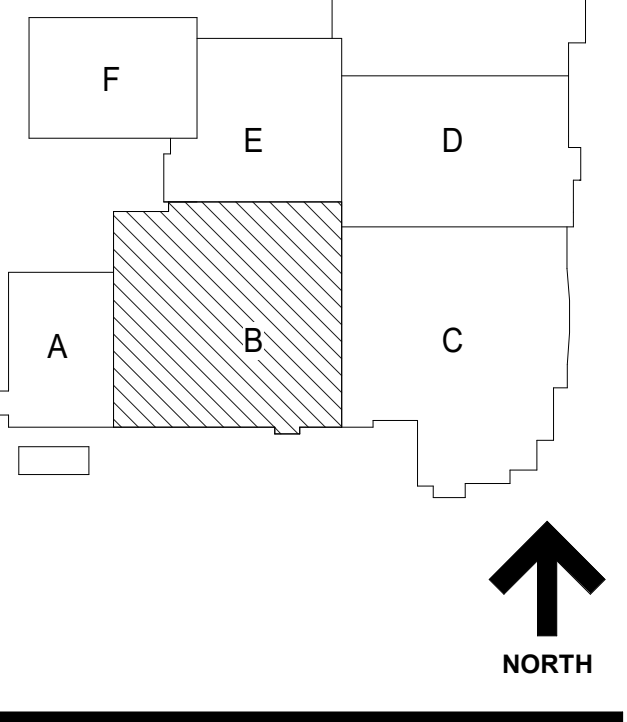
1 LOWER LEVEL POWER PLAN AREA B
SCALE: 1/8" = 1'-0"



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3. ALL POWER BRANCH CIRCUITS SHALL TERMINATE AT 20A-POLE CIRCUIT BREAKERS IN PANELBOARD UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR SHALL PROVIDE ALL PENETRATIONS, SLEEVES, AND SEALANT AS REQUIRED THROUGH PARTITIONS TO ACCOMMODATE THE FIRE ALARM, PAGING, SECURITY, AUDIOVISUAL, VOICE, AND DATA CABLING. ANY PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE PROPERLY SEALED AND TREATED TO MAINTAIN THE FIRE STOPPING RATING OF THE WALLS, FLOORS, AND CEILING.
5. BACKBOXES ARE TO BE MOUNTED OFFSET, NOT BACK TO BACK.
6. CIRCUIT NUMBERS, WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
7. UNLESS INDICATED OTHERWISE, ALL MATERIALS REQUIRED TO PROVIDE BRANCH CIRCUITS AND FEEDERS ARE TO BE NEW.
8. REFER TO MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL EQUIPMENT INFORMATION.
9. ANY ELECTRICAL DEVICES ON NEW WALLS SHALL BE FLUSH MOUNTED. NO WIREMOLDS ARE ACCEPTABLE ON NEW WALLS UNLESS NOTED OTHERWISE.
10. VERIFY RECEPTACLE LOCATIONS WITH ARCHITECTURAL FURNITURE LAYOUT TO ENSURE PROPER ACCESSIBILITY.
11. LOW VOLTAGE WIRING SHALL NOT BE ON TOP OF CEILING GRID SYSTEM. WIRING SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 3 FEET BY UTILIZING J-HOOKS SUPPORTED BY STRUCTURAL MEMBERS. WIRING SHALL BE ROUTED PARALLEL TO OR PERPENDICULAR TO STRUCTURAL MEMBERS.
12. PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 348.28 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
13. SPECIAL ATTENTION SHALL BE PAID TO ALL CONDUIT ROUTING IN OPEN CEILING SPACE FOR AESTHETIC PURPOSES. ALL EXPOSED CONDUITS SHALL BE ROUTED PERPENDICULAR AND PARALLEL TO BUILDING LINES AND TIGHT TO CEILING/STRUCTURAL CORNERS. WHERE THIS IS NOT FEASIBLE, SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT PRIOR TO INSTALLATION.
14. CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE THIS ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE OF THE SYSTEM WHEN HANDLING THIS ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS. PROVIDE A DEDICATED NEUTRAL FOR EACH UNDERGROUND CABLE. VERIFY VOLTAGE WITH CONTRACTOR.
15. PROVIDE MANUAL MOTOR STARTER THERMAL OVERLOAD SWITCH AND 120V 20A CONTROL RELAY CIRCUIT FOR INTERFACING OF HVAC CONTROLS AS REQUIRED. SEE MECHANICAL PLANS AND SEE MECHANICAL PLANS FOR MECHANICAL PLANS FOR ROUGH-IN LOCATION OF CONTROLS.

DEMO KITCHEN AND CAFE COORDINATION NOTES

1. FOOD SERVICE SPOT LOCATION SCHEDULES & DRAWINGS ARE FOR REFERENCE AND BIDDING PURPOSES. THEY ARE TO BE USED ONLY AS A GUIDE FOR FOOD SERVICE EQUIPMENT ELECTRICAL, PLUMBING & VENTILATION SPOT LOCATIONS AND ARE NOT APPROVED FOR USE ON THE JOB SITE FOR ROUGH-IN PURPOSES. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING SPOT LOCATIONS WITH THE LOCAL CODES. DRAWINGS SHOWING ACCURATE LOCATIONS FOR UTILITIES AND WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.
2. ALL SPOT LOCATIONS SHOWN ON THESE DRAWINGS ARE SPECIFIC TO THE EQUIPMENT SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. REFER TO ARCHITECTURAL & ELECTRICAL DRAWING SETS FOR ADDITIONAL ELECTRICAL REQUIREMENTS NOT SHOWN.
3. ELECTRICAL AMPERAGE NOTED ON SCHEDULES INDICATES AMP DRAW AND NOT CIRCUIT BREAKER SIZE UNLESS OTHERWISE NOTED. ELECTRICAL DIVISION IS RESPONSIBLE FOR PROPER CIRCUIT BREAKER SIZING.
4. ELECTRICAL DIVISION TO VERIFY ALL FOODSERVICE EQUIPMENT WITH DIRECT ELECTRICAL CONNECTION TO BE IN LINE OF SIGHT OF KITCHEN ELECTRICAL DISTRIBUTION PANEL, AND NOT ELECTRICAL DIVISION TO FURNISH & INSTALL A FUSED QUICK DISCONNECT ADJACENT TO EQUIPMENT.
5. ELECTRICAL DIVISION TO INSTALL ALL CONTROL PANELS, STARTERS, SOLENOID VALVES, JUNCTION BOXES & DISCONNECT SWITCHES FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.
6. ELECTRICAL DIVISION TO FURNISH & INSTALL ALL WIRING, ELECTRICAL OUTLETS, STARTERS, JUNCTION BOXES, DISCONNECT SWITCHES & CONDUIT REQUIRED FOR EQUIPMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & ELECTRICAL CODE REQUIREMENTS. ELECTRICAL RECEPTACLES TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
7. ELECTRICAL DIVISION TO FURNISH & INSTALL GROUNDING WIRE TO ALL FOOD SERVICE EQUIPMENT IN ADDITION TO THE NUMBER OF WIRES NOTED IN INDIVIDUAL SERVICES.
8. ELECTRICAL DIVISION TO FURNISH & INSTALL GROUND FAULT PROTECTION FOR ANY RECEPTACLE WITHIN THE KITCHEN & SERVING AREAS.
9. ELECTRICAL DIVISION TO FURNISH & INSTALL SHUNT TRIP BREAKERS FOR ALL ELECTRICAL SERVICE TO EQUIPMENT UNDER EXHAUST HOODS WHEN FIRE SUPPRESSION SYSTEM IS EXTENDED.
10. ELECTRICAL DIVISION TO FURNISH & INSTALL FLEX CONDUIT AT ALL DIRECT CONNECTION STUB-OUTS AND RETURN TO FAUL CONNECTION ON EQUIPMENT. ELECTRICAL DIVISION TO PROVIDE CAPS AND COVERS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY.
11. ELECTRICAL DIVISION TO UTILIZE EXISTING ELECTRICAL CONNECTIONS WHERE POSSIBLE FOR NEW EQUIPMENT AND CAP OFF ANY EXISTING SERVICES OR DISCONNECT SWITCHES BY THESE PLANS.
12. KITCHEN EXHAUST WORK: PROVIDE 120V/10 AMP CIRCUIT FOR HOOD LIGHTS AND CONTROLS TO JUNCTION BOX ON TOP OF HOOD. PROVIDE CIRCUIT (FOR FAN MOTOR) TO DISCONNECT SWITCH MOUNTED ON EXTERIOR OF EXHAUST FAN CABINET. EXTEND POWER WIRING FROM MOTOR STARTER TO CONNECTION POINT ON EXHAUST FAN. PROVIDE CONDUIT AND FOUR WIRES FROM TERMINAL BLOCK ON EXHAUST HOOD TO EXHAUST FAN MOTOR STARTER PANEL. PROVIDE CONDUIT AND THREE WIRES FROM TERMINAL BLOCK ON HOOD TO MICRO-SWITCH OF FIRE PROTECTION SYSTEM. PROVIDE AND INSTALL ALL CONNECTIONS TO THE FIRE SYSTEM PULL STATION, MOUNTING THE CENTERLINE OF THE BOX AT 42" ABOVE THE FINISHED FLOOR. RUN 1" CONDUIT FROM THE TOP OF THE BOX TO F ABOVE THE CEILING. PULL STATION TO BE PROVIDED WITH FIRE SYSTEM. PROVIDE AND INSTALL AUTOMATIC POWER SHUT-OFF DEVICES (SHUNT TRIP BREAKERS OR RETRATE PURPOSE CONTRACTORS) WITH INTERLOCK TO FIRE SYSTEM MICRO SWITCH. SHUTTING OFF ALL POWER BELOW THE HOOD INCLUDING CONTROL VOLTAGE IN THE EVENT OF FIRE SYSTEM ACTUATION. THIS WORK MUST BE IN ACCORDANCE WITH THE NFPA 70A, IEC, AND THE E.C.
13. ALL EXHAUST FANS, SUPPLY FANS AND MAKE-UP AIR UNITS TO BE LOCATED ON THE SECOND STORY ROOF. LOCATED ABOVE A PORTION OF THE KITCHEN AREA. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWING SETS FOR FURTHER INFORMATION AND COORDINATION OF REQUIRED LENGTHS OF ANY EXHAUST SUPPLY DUCTWORK.
14. REFER TO 600 & 8200 SERIES DRAWINGS FOR MORE INFORMATION & SCOPE OF WORK.

KEYNOTES

1. POWER FOR TV SCREEN. REFER TO AV DRAWINGS FOR MORE DETAILS.
2. POWER FOR TV SCREENS. REFER TO AV DRAWINGS FOR EXACT LOCATION PRIOR TO START.
3. POWER FOR WASHER. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MANUFACTURER REQUIREMENTS FOR ELECTRICAL CONNECTION PRIOR TO START.
4. POWER FOR DRYER. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MANUFACTURER REQUIREMENTS FOR ELECTRICAL CONNECTION PRIOR TO START.
5. POWER FOR WALL OVEN. COORDINATE WITH MANUFACTURER FOR EXACT REQUIREMENTS OF POWER TO START.
6. POWER FOR DISH WASHER. REFER TO KITCHEN DRAWINGS FOR EXACT LOCATION AND MANUFACTURER REQUIREMENTS FOR ELECTRICAL CONNECTION PRIOR TO START.
7. POWER FOR REFRIGERATOR. REFER TO KITCHEN DRAWINGS FOR EXACT LOCATION AND MANUFACTURER REQUIREMENTS FOR ELECTRICAL CONNECTION PRIOR TO START.
8. POWER FOR EXHAUST HOOD. EXTEND SERVICE TO EXHAUST HOOD LIGHTS FROM SWITCH ON ANSUL CABINET.
9. POWER FOR FIRE SUPPRESSION SYSTEM. REFER TO EXHAUST VENTILATION SYSTEM DRAWINGS 6000 FOR MORE DETAILS AND SCOPE OF WORK.
10. POWER FOR BURNER. REFER TO KITCHEN CONSULTANTS DRAWINGS AND MANUFACTURER REQUIREMENTS PRIOR TO START.
11. POWER FOR COUNTER TOP COMBI STEAMER. REFER TO KITCHEN CONSULTANTS DRAWINGS AND MANUFACTURER REQUIREMENTS PRIOR TO START.
12. POWER FOR FREEZER. REFER TO KITCHEN CONSULTANTS DRAWINGS AND MANUFACTURER REQUIREMENTS PRIOR TO START.
13. POWER FOR WALK IN COOLER LIGHTS AND DOOR WATER. REFER TO KITCHEN CONSULTANTS DRAWINGS AND MANUFACTURER REQUIREMENTS PRIOR TO START.
14. POWER FOR WALK IN COOLER COMPRESSOR. COORDINATE EXACT LOCATION AND POWER REQUIREMENTS WITH KITCHEN CONSULTANT DRAWINGS PRIOR TO START.
15. POWER FOR UNDERCOUNTER FREEZER. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
16. POWER FOR UNDERCOUNTER COOLER. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
17. POWER FOR COFFEE MAKER. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
18. POWER FOR MILK FROTHER. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
19. POWER FOR BLENDER. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
20. POWER FOR REFRIGERATED MERCHANDISER. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
21. POWER FOR POINT OF SALE SYSTEM. COORDINATE WITH KITCHEN DRAWINGS FOR MORE DETAILS.
22. REFER TO KITCHEN CONSULTANT DRAWINGS FOR DETAILS, AND ADDITIONAL SCOPE OF WORK PRIOR TO START.
23. EMERGENCY POWER SHUT OFF FOR ALL THE POWER CIRCUITS FOR THE CLINICAL ARTS ROOM PROVIDE AUTORESET BUTTON AT THE SHUT OFF. PROVIDE POLYCARBONATE COVER TO PREVENT ACCIDENTAL SHUT OFF. LIGHTS TO REMAIN ON DURING SHUT OFF.
24. POWER FOR PROJECTOR. REFER TO AV DRAWINGS FOR EXACT LOCATION AND MORE DETAILS.
25. POWER FOR PROJECTOR MOTOR. REFER TO AV DRAWINGS FOR EXACT LOCATION AND MORE DETAILS. PROVIDE CONTROL SWITCH FOR THE SCREEN. COORDINATE EXACT LOCATION WITH THE ARCHITECT PRIOR TO START.
26. POWER FOR AN HEAD END EQUIPMENT. REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS.
27. OVERIDE CONTROL SWITCH FOR INLINE EXHAUST FAN 6" INTILLED INDICATING LIGHT AND ENGRAVED NAME PLATE. COORDINATE WITH HVAC DRAWINGS FOR MORE DETAILS.
28. POWER FOR TV SCREENS LOCATED ON THE ROOST. COORDINATE THE EXACT LOCATION WITH LOW VOLTAGE AND ARCHITECTURAL DRAWINGS PRIOR TO START.

SYMBOL LEGEND

- (N) NEW
- (E) EXISTING TO REMAIN
- (R) EXISTING TO BE REMOVED
- (RE) EXISTING TO BE RELOCATED

NOT FOR CONSTRUCTION

A10.3 BID GROUP 10-ADDENDUM #3 01.16.2020
 ISSUED FOR BID - BID GROUP 10 11.19.2019
 ISSUED FOR 90% CD - PHASE C 11.01.2019
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 ISSUED FOR 25% CD - PHASE C 06.30.2019

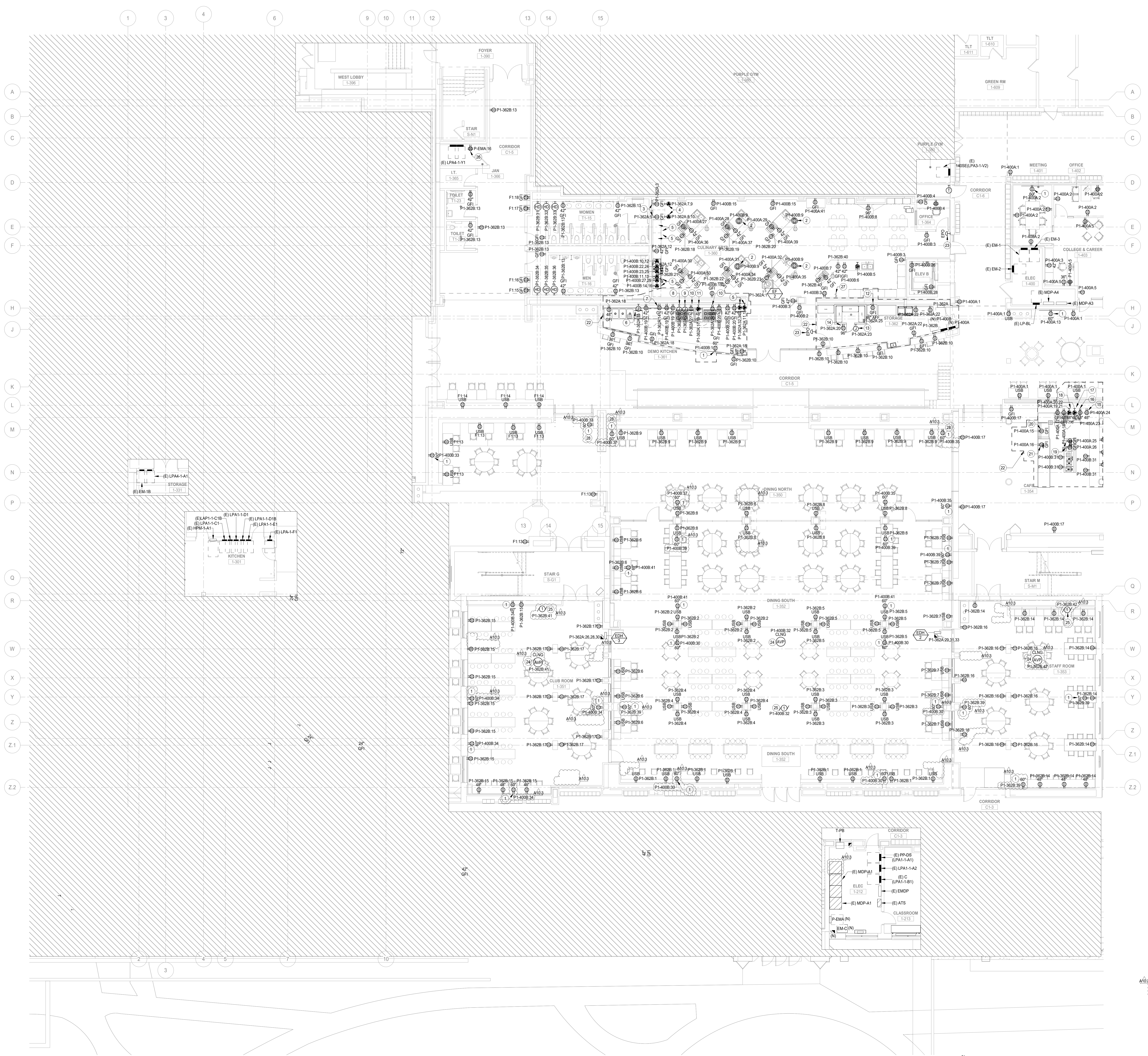
REV ISSUE DATE
 MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
 DOWNERS GROVE, IL 60515

LEVEL 1 POWER PLAN
 AREA B (PHASE C)

Project Number:
 5274-42
 Drawn By:
 Author:
 Sheet:

E2.01B.c



1 LEVEL 1 POWER PLAN AREA B
SCALE: 1/8" = 1'-0"

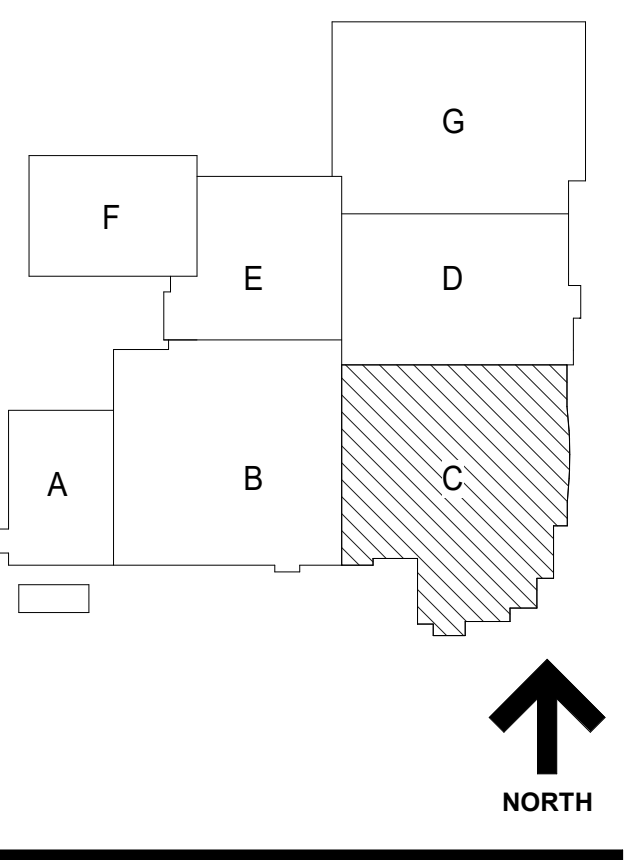
11/25/2020 8:56:08 AM
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 - PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 304.26 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
 - SPECIAL ATTENTION SHALL BE PAID TO ALL CONDUIT ROUTING IN OPEN CEILING SPACE FOR AESTHETIC PURPOSES. ALL EXPOSED CONDUITS SHALL BE ROUTED PERPENDICULAR TO AND PARALLEL TO BUILDING LINES TO MATCH TO CEILING'S STRUCTURAL CORNERS WHERE THIS IS NOT FEASIBLE. SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT PRIOR TO START.
 - CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS. PROVIDE A DEDICATED NEUTRAL FLOOR JUNCTION BOX FOR EACH BRANCH CIRCUIT. VERIFY CONTROL VOLTAGE WITH BUILDING AUTOMATION SYSTEM CONTRACTOR.
 - PROVIDE AUXILIARY RELAY HARN FOR INTERFACING OF HVAC CONTROLS AS REQUIRED. SEE MECHANICAL PLANS FOR ALL REQUIREMENTS. SEE MECHANICAL PLANS FOR ROUGH-IN LOCATION OF CONTROLS.

- KEYNOTES**
- ALL THE DEVICES IN THE ROOM TO BE EXPLOSION PROOF.
 - POWER FOR TV SCREEN. REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS.
 - POWER FOR POTTERY WHEELS. REFER TO DETAILS SHEET FOR ADDITIONAL INFORMATION.
 - POWER FOR PUG MILL. COORDINATE WITH MANUFACTURER FOR EXACT DETAILS FOR POWER CONNECTION PRIOR TO START.
 - EMERGENCY POWER SHUT OFF FOR ALL THE POWER CIRCUITS TO THE WORKSHOP AREA. ALL THE LIGHTING TO REMAIN ON. PROVIDE THE SHUT OFF IN A POLYCARBONATE COVER TO PROVIDE ADDITIONAL COVER WITH TAG WITH RESET BUTTON AT THE SHUT OFF.
 - LEGRAND R8M SERIES FLOOR BOX WITH DUPLEX RECEPTACLES TO POWER THE ENTIRE ROW OF WORK STATIONS INTERNALLY POWERED THROUGH THE SPINE. PROVIDE DATA DEVICE PLATES IN THE BOX FOR A MINIMUM OF 6 DATA PROPS. REFER TO FURNITURE, ARCHITECTURE, AND LOW VOLTAGE DRAWINGS FOR MORE DETAILS. COVER PER ARCHITECT'S SELECTION. COORDINATE EXACT LOCATION OF THE BOX WITH ARCHITECT PRIOR TO START.
 - POWER FOR TABLE THROUGH THE WALL. REFER TO FURNITURE AND ARCHITECTURAL DRAWINGS FOR MORE DETAILS.
 - POWER FOR DATA RACK. REFER TO TECHNOLOGY DRAWINGS FOR EXACT LOCATION AND PROVISION OF SLEEVES FOR ROOM PENETRATION PRIOR TO START.
 - REFER TO SHEET E2.01B - FOR DETAILS.
 - LEGRAND R8M SERIES RECESSED FLOOR BOX WITH DUPLEX RECEPTACLE AND COVER POLE FOR LOW VOLTAGE PROVISION. REFER TO LOW VOLTAGE DRAWINGS FOR DETAILS. COVER PER ARCHITECT'S SELECTION. COORDINATE EXACT LOCATION OF THE BOX WITH ARCHITECT PRIOR TO START.
 - LEGRAND R8B SERIES RECESSED FLOOR BOX WITH DUPLEX RECEPTACLE AND COMMUNICATION PLATE FOR LOW VOLTAGE. REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS. COVER PER ARCHITECT'S SELECTION. COORDINATE EXACT LOCATION OF THE BOX WITH ARCHITECT PRIOR TO START.
 - CONTROL SWITCH FOR EXHAUST FAN EF-6. PROVIDE 1-POLE TOGGLE SWITCH WITH LED INDICATING LIGHT AND ENGRAVED NAME PLATE. REFER TO HVAC DRAWINGS FOR MORE DETAILS.
 - DISCONNECT AND REMOVE EXISTING CONDUITS, JUNCTION BOXES AND ELECTRICAL CIRCUITS IN THE COLLUMS GETTING FIBER COATING RECONNECT AT THE SAME LOCATION USING EXISTING SIZES OF CABLES. CONDUITS AND JUNCTION BOXES EXISTING CONDITIONS TO BE VERIFIED IN THE FIELD. THIS IS FOR COLLUMS THROUGH ROOMS ON LEVEL 2 AND LEVEL 3. COORDINATE EXACT LOCATIONS OF THE COLLUMS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO START. SHOWN ON LEVEL 2 FOR REFERENCE ONLY.
 - FUTTY PAD WIRING REQUIRED AROUND BACK OF THE BOX. (CAD DETAILS INCLUDED WITH REVIEW).

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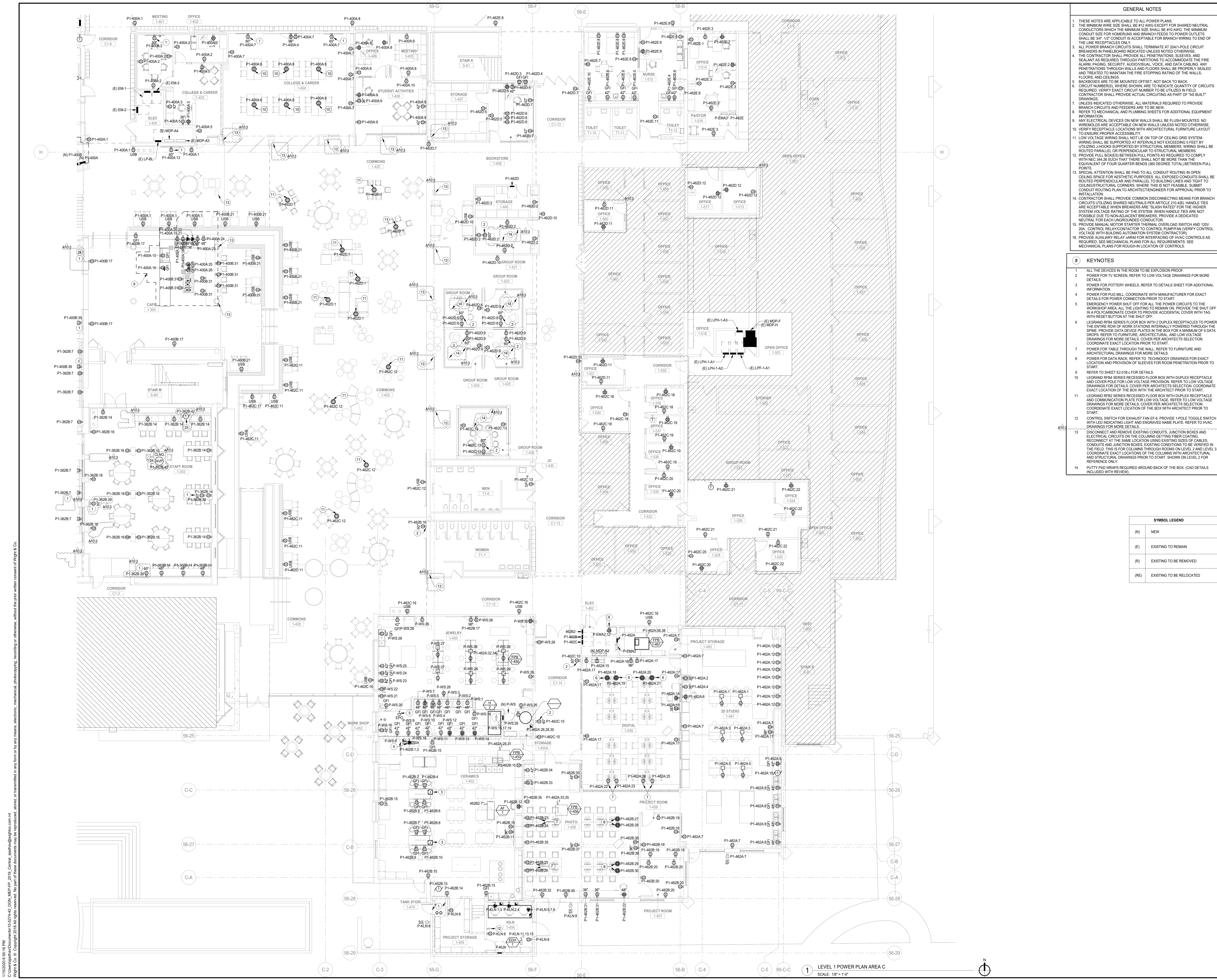
MFP IMPLEMENTATION - NORTH

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DOWNERS GROVE, IL 60515

LEVEL 1 POWER PLAN AREA C (PHASE C)

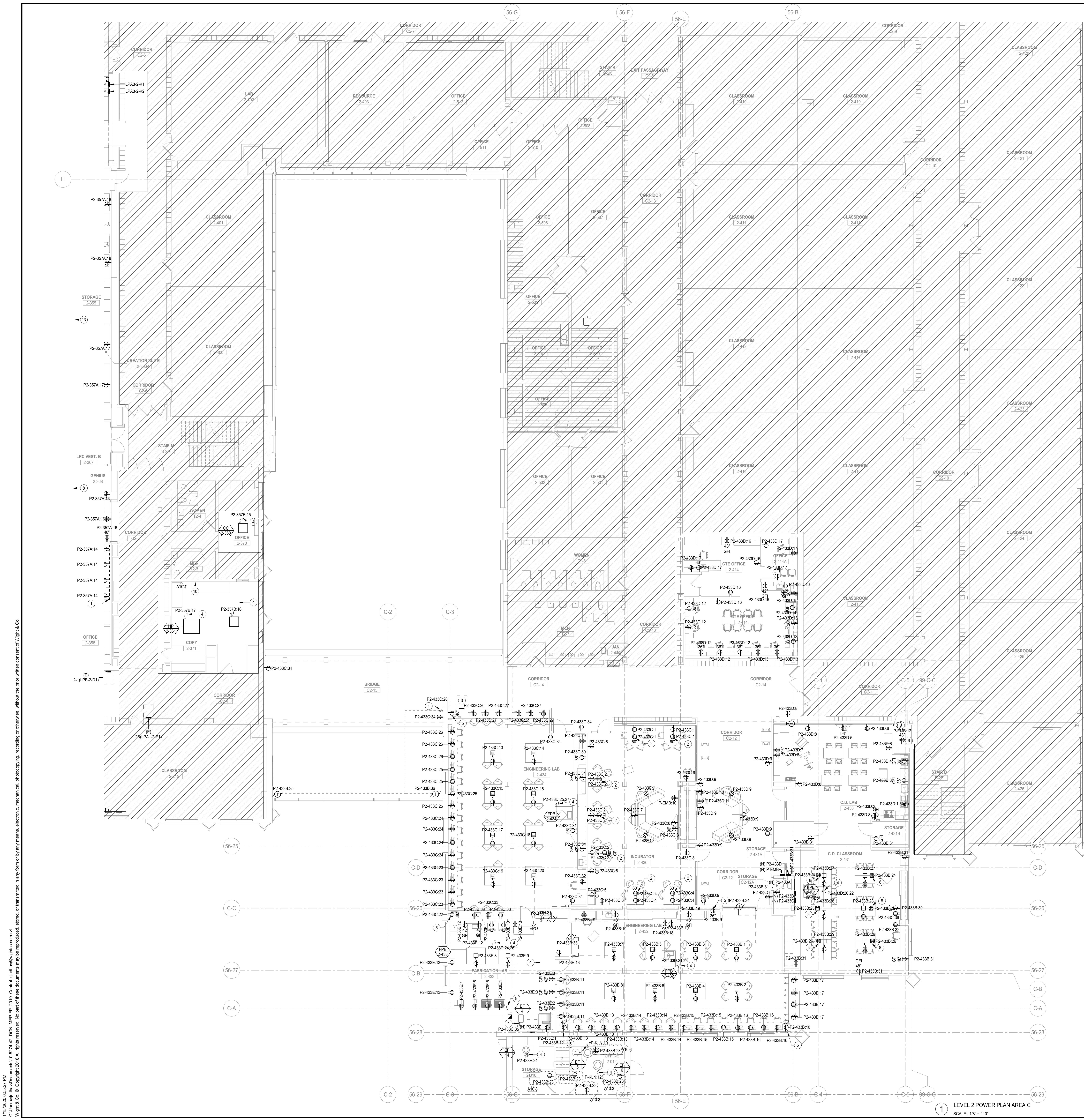
Project Number:
5274-42
Drawn By:
Author
Sheet:

E2.01C.c



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LEVEL 1 POWER PLAN AREA C
SCALE: 1/8" = 1'-0"



- GENERAL NOTES**
1. THESE NOTES ARE APPLICABLE TO ALL POWER PLANS.
 2. THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS AND BRANCH FEEDS TO POWER OUTLETS SHALL BE 3/4" CONDUIT IS ACCEPTABLE FOR BRANCH WIRING TO END OF THE LINE RECEPTACLES ONLY.
 3. ALL POWER BRANCH CIRCUITS SHALL TERMINATE AT 20A-1POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
 4. THE CONTRACTOR SHALL PROVIDE ALL PENETRATIONS, SLEEVES, AND SEALANT AS REQUIRED THROUGH PARTITIONS TO ACCOMMODATE THE FIRE ALARM, PAGING, SECURITY, AUDIOVISUAL, VOICE, AND DATA CABLEING. ANY PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE PROPERLY SEALED AND TREATED TO MAINTAIN THE FIRE STOPPING RATING OF THE WALLS, FLOORS, AND CEILINGS.
 5. BACKBOXES ARE TO BE MOUNTED OFFSET, NOT BACK TO BACK.
 6. CIRCUIT NUMBERS, WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
 7. UNLESS INDICATED OTHERWISE, ALL MATERIALS REQUIRED TO PROVIDE BRANCH CIRCUITS AND FEEDERS ARE TO BE NEW.
 8. REFER TO MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL EQUIPMENT INFORMATION.
 9. ANY ELECTRICAL DEVICES ON NEW WALLS SHALL BE FLUSH MOUNTED. NO WIREMOLDS ARE ACCEPTABLE ON NEW WALLS UNLESS NOTED OTHERWISE.
 10. VERIFY RECEPTACLE LOCATIONS WITH ARCHITECTURAL FURNITURE LAYOUT TO ENSURE PROPER ACCESSIBILITY.
 11. LOW VOLTAGE WIRING SHALL NOT BE ON TOP OF CEILING GRID SYSTEM. WIRING SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 3 FEET BY UTILIZING J-HOOKS SUPPORTED BY STRUCTURAL MEMBERS. WIRING SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND RIGHT TO CORNER/STRUCTURAL CORNERS WHERE THIS IS NOT FEASIBLE. SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
 12. PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 34.2.8 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
 13. SPECIAL ATTENTION SHALL BE PAID TO ALL CONDUIT ROUTING IN OPEN CEILING SPACE FOR AESTHETIC PURPOSES. ALL EXPOSED CONDUITS SHALL BE ROUTED PERPENDICULAR AND PARALLEL TO BUILDING LINES AND RIGHT TO CORNER/STRUCTURAL CORNERS WHERE THIS IS NOT FEASIBLE. SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
 14. CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
 15. PROVIDE MANUAL MOTOR STARTER THERMAL OVERLOAD SWITCH AND 120V 20A CONTROL RELAY CONTRACTOR TO CONTROL PUMP/FAN (VERIFY CONTROL VOLTAGE WITH BUILDING AUTOMATION SYSTEM CONTRACTOR).
 16. PROVIDE AUXILIARY RELAY WARD FOR INTERFACING OF HVAC CONTROLS AS REQUIRED. SEE MECHANICAL PLANS FOR ALL REQUIREMENTS. SEE MECHANICAL PLANS FOR ROUGH-IN LOCATION OF CONTROLS.

- KEYNOTES**
1. CONTROL SWITCH FOR THE WINDOW ROLLER SHADES.
 2. POWER FOR TV SCREEN, REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS.
 3. PROVIDE NEW PANEL, RECESSED PANEL WITH SAME NAME TAG AS EXISTING. RECONNECT EXISTING BRANCHED CIRCUITS INTERCEPT AND EXTEND CABLES AS CONDUTITS AS REQUIRED. RECONNECT THE EXISTING FEED, INTERCEPT AND EXTEND EXISTING CABLES AND CONDUTITS AS REQUIRED. CONTRACTOR TO VERIFY IN THE FIELD.
 4. POWER FOR HVAC EQUIPMENT. REFER TO HVAC DRAWINGS FOR EXACT LOCATION AND POWER REQUIREMENTS.
 5. POWER FOR PRINTER, REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR EXACT LOCATION.
 6. POWER FOR IDF CABINET, REFER TO TECHNOLOGY DRAWINGS FOR MORE DETAILS.
 7. REFER TO TECHNOLOGY DRAWINGS FOR DETAILS FOR PROVISION OF EMT SLEEVES FOR ROOM PENETRATION.
 8. PROVIDE LEGRAND WIREMOLD EVOLUTION SERIES 6" POKE THRU FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (2) PROVISIONS FOR DATA DEVICES. REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS.
 9. CONTROL SWITCH FOR EXHAUST FAN (EFA) 1-POLE TOGGLE SWITCH WITH LED INDICATING LIGHT AND ENGRAVED NAME PLATE. REFER TO HVAC DRAWINGS FOR MORE DETAILS.
 10. APPROXIMATE NEW LOCATION OF THE COPIER MACHINE. INTERCEPT AND EXTEND EXISTING POWER ALONG WITH CABLES AND CONDUIT TO THE NEW LOCATION.

SYMBOL LEGEND

(N)	NEW
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

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KEYNOTES

1. CONTROL SWITCH FOR THE WINDOW ROLLER SHADES.
2. POWER FOR TV SCREEN, REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS.
3. PROVIDE NEW PANEL, RECESSED PANEL WITH SAME NAME TAG AS EXISTING. RECONNECT EXISTING BRANCHED CIRCUITS INTERCEPT AND EXTEND CABLES AS CONDUTITS AS REQUIRED. RECONNECT THE EXISTING FEED, INTERCEPT AND EXTEND EXISTING CABLES AND CONDUTITS AS REQUIRED. CONTRACTOR TO VERIFY IN THE FIELD.
4. POWER FOR HVAC EQUIPMENT. REFER TO HVAC DRAWINGS FOR EXACT LOCATION AND POWER REQUIREMENTS.
5. POWER FOR PRINTER, REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR EXACT LOCATION.
6. POWER FOR IDF CABINET, REFER TO TECHNOLOGY DRAWINGS FOR MORE DETAILS.
7. REFER TO TECHNOLOGY DRAWINGS FOR DETAILS FOR PROVISION OF EMT SLEEVES FOR ROOM PENETRATION.
8. PROVIDE LEGRAND WIREMOLD EVOLUTION SERIES 6" POKE THRU FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (2) PROVISIONS FOR DATA DEVICES. REFER TO LOW VOLTAGE DRAWINGS FOR MORE DETAILS.
9. CONTROL SWITCH FOR EXHAUST FAN (EFA) 1-POLE TOGGLE SWITCH WITH LED INDICATING LIGHT AND ENGRAVED NAME PLATE. REFER TO HVAC DRAWINGS FOR MORE DETAILS.
10. APPROXIMATE NEW LOCATION OF THE COPIER MACHINE. INTERCEPT AND EXTEND EXISTING POWER ALONG WITH CABLES AND CONDUIT TO THE NEW LOCATION.

SYMBOL LEGEND

(N)	NEW
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

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A10.3 BID GROUP 10-ADDENDUM #3 01.16.2020
 A10.1 BID GROUP 10-ADDENDUM #1 12.30.2019
 ISSUED FOR BID - BID GROUP 10 11.19.2019
 ISSUED FOR 50% CD - PHASE C 11.01.2019
 ISSUED FOR 75% CD - PHASE C 10.14.2019
 ISSUED FOR 50% CD - PHASE C 10.02.2019
 ISSUED FOR 25% CD - PHASE C 08.30.2019

REV DATE

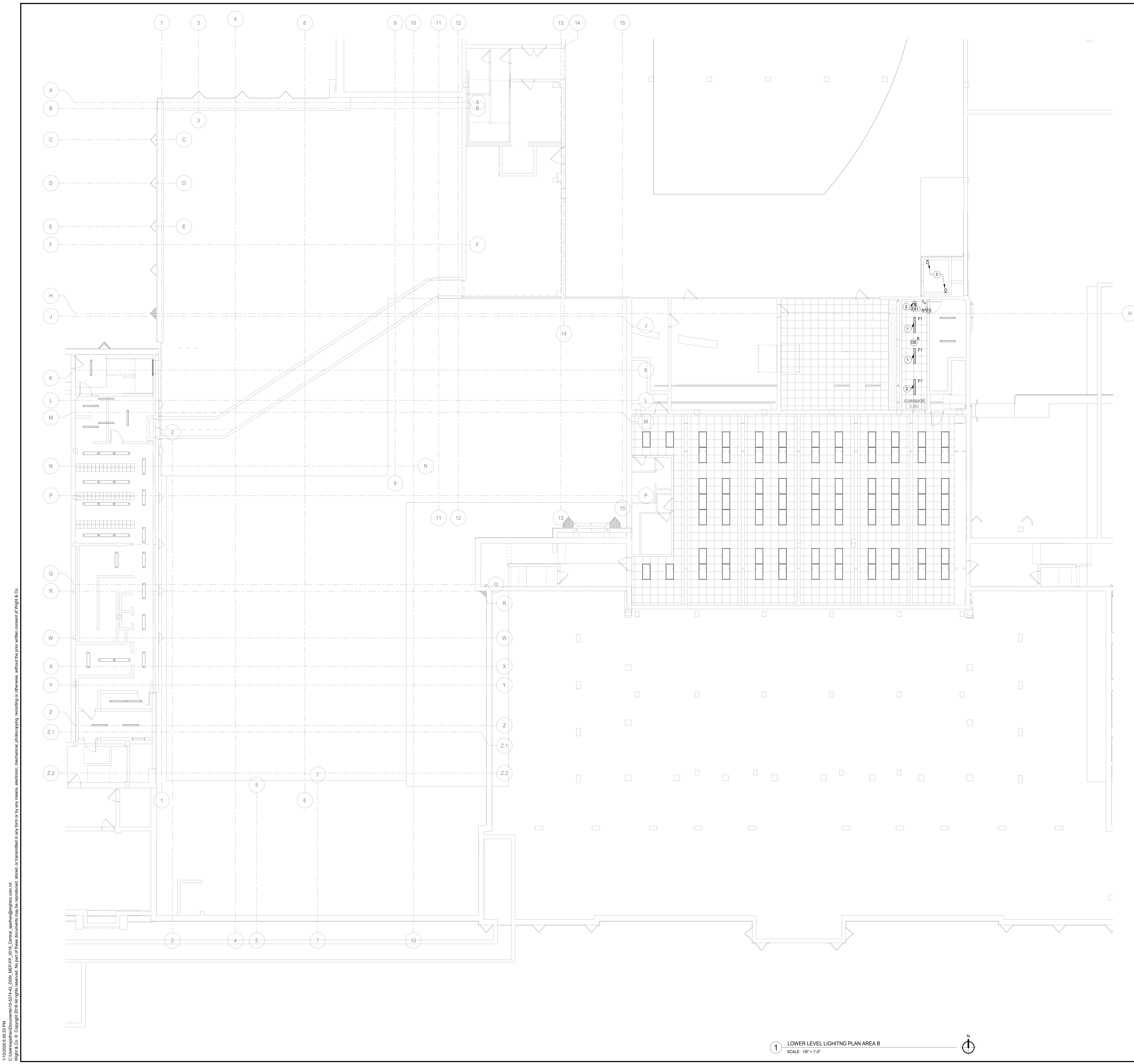
MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

LEVEL 2 POWER PLAN AREA C (PHASE C)

Project Number:
5274-42
 Drawn By:
Author
 Sheet:
E2.02C.c

LEVEL 2 POWER PLAN AREA C
SCALE: 1/8" = 1'-0"



GENERAL NOTES

1. THESE NOTES ARE APPLICABLE TO ALL LIGHTING PLANS.
2. THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4".
3. ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 20A-POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
4. PROVIDE LOCK ON CIRCUIT BREAKER DEVICES FOR ALL EMERGENCY LIGHTING & EXIT SIGN BRANCH CIRCUITS.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.
6. ALL LUMINAIRES SHOWN HALF SHADED SHALL BE WIRED (NON-SWITCHED CIRCUIT) DIRECTLY TO THE EMERGENCY PANEL. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO EACH BRANCH CIRCUIT TO THE EMERGENCY PANEL. CIRCUIT NUMBERS, WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
7. EMERGENCY BATTERY PACKS SHOWN ARE TO BE CONNECTED TO THE NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF LOCAL SWITCH UNLESS NOTED OTHERWISE.
8. ALL LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS TO A STRUCTURAL MEMBER.
9. PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 344.28 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
10. PROVIDE SEPARATE NEUTRAL FOR ALL DIMMED CIRCUITS.
11. CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
12. SEE DETAILS SHEET FOR LIGHT FIXTURE SCHEDULE AND LIGHTING CONTROL LEGENDS.

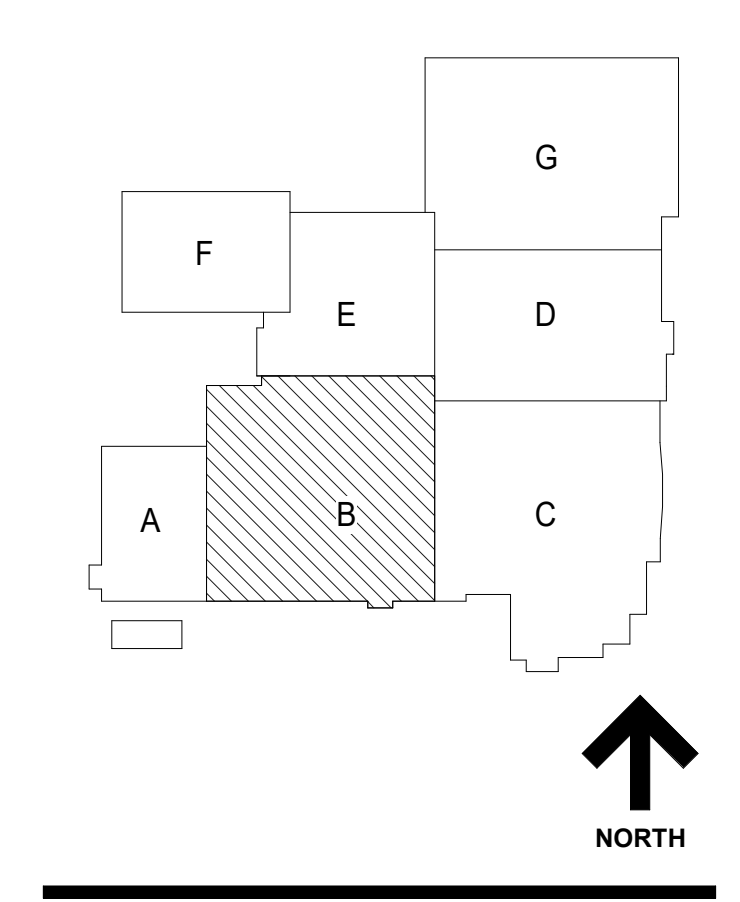
#	KEYNOTE
1	CONNECT THE NEW LIGHTS FROM EXISTING NORMAL LIGHTING BRANCHED CIRCUITS SERVING THE AREA. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT AS REQUIRED. VERIFY IN THE FIELD.
2	CONNECT THE LIGHT FIXTURE TO EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THE AREA. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT AS REQUIRED.
3	PROVIDE 0.175MM-400K/MVOLT GREY LITHONIA FIXTURE IN THE SHAFT AND NEAR THE ELEVATOR MACHINERY WITH CONTROL SWITCH NEAR THE LADDAR AND DOOR. PROVIDE 120V-1PHASE CIRCUIT FROM THE NEAREST 120V LIGHTING PANEL. V.I.F.

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A10.3 BID GROUP 10-ADDENDUM #3	01.16.2020
ISSUED FOR BID - BID GROUP 10	11.19.2019
ISSUED FOR 90% CD - PHASE C	11.01.2019
ISSUED FOR 75% CD - PHASE C	10.14.2019
ISSUED FOR 50% CD - PHASE C	10.02.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

LOWER LEVEL LIGHTING PLAN AREA B (PHASE C)

Project Number:
5274-42
Drawn By:
Author
Sheet:

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

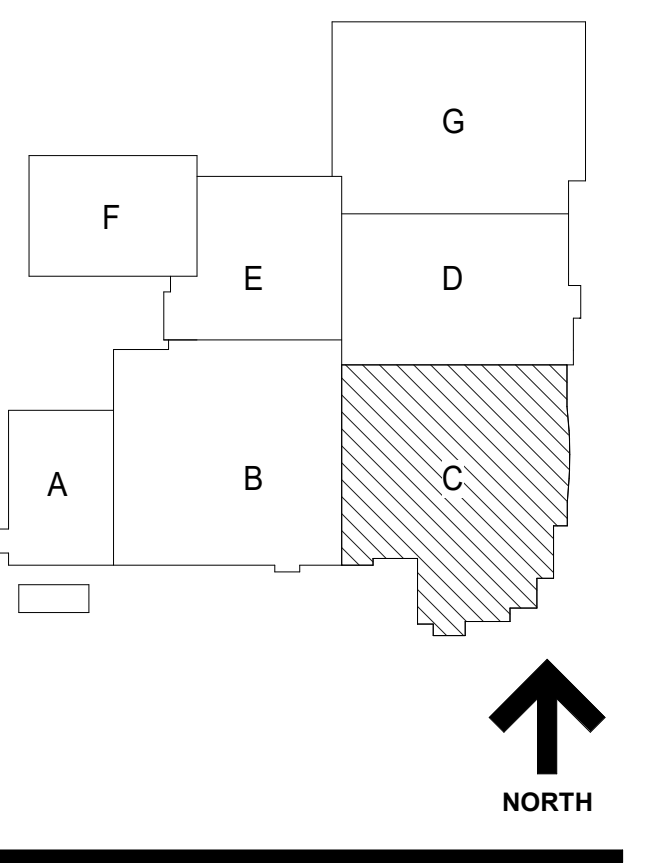




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ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
ISSUED FOR 75% CD - PHASE C 10.14.2019
ISSUED FOR 50% CD - PHASE C 10.02.2019
ISSUED FOR 25% CD - PHASE C 08.30.2019
REV DATE

**MFP
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NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**LEVEL 1 LIGHTING PLAN
AREA C (PHASE C)**

Project Number:
5274-42
Drawn By:
Author
Sheet:

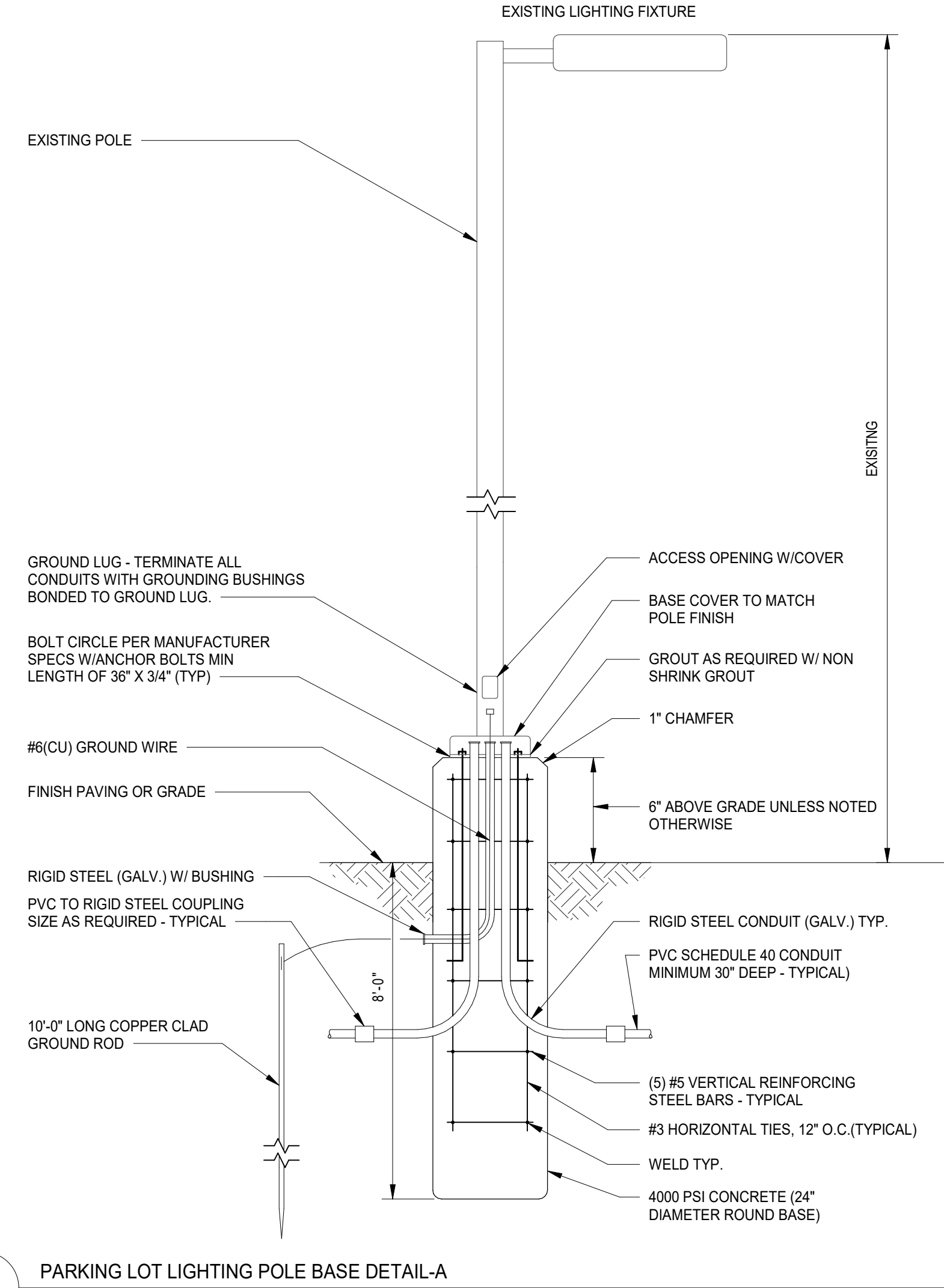
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GENERAL NOTES

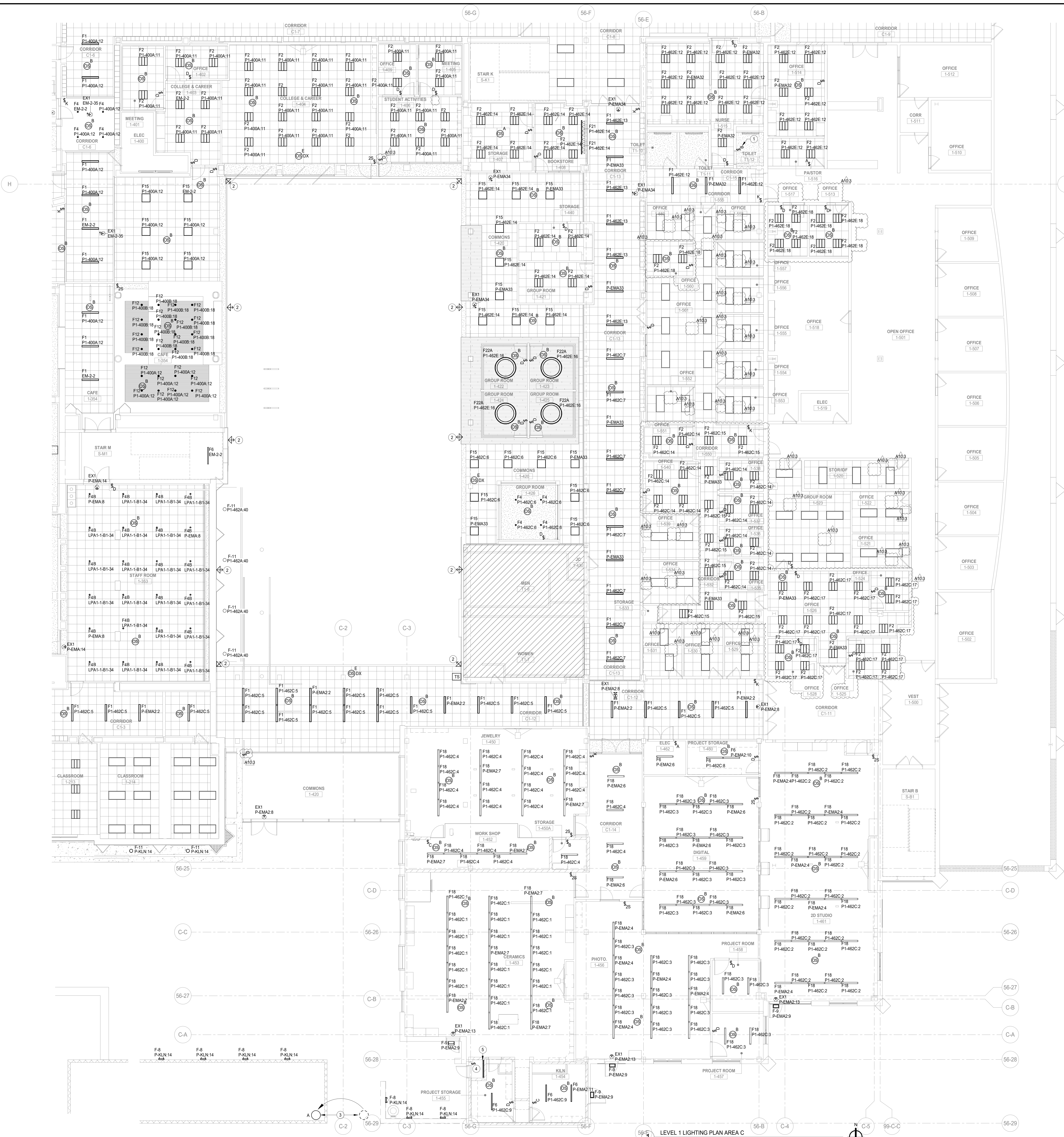
1. THESE NOTES ARE APPLICABLE TO ALL LIGHTING PLANS.
2. THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4".
3. ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 20A-POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
4. PROVIDE LOCK-ON CIRCUIT BREAKER DEVICES FOR ALL EMERGENCY LIGHTING & EXIT SIGN BRANCH CIRCUITS.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.
6. ALL LUMINAIRES SHOWN HALF SHADED SHALL BE WIRED IN ON-SWITCHED CIRCUIT DIRECTLY TO THE EMERGENCY PANEL. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO EACH BRANCH CIRCUIT TO THE EMERGENCY PANEL (CIRCUIT NUMBERS) WHERE SHOWN. ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBERS TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
7. EMERGENCY BATTERY PACKS SHOWN ARE TO BE CONNECTED TO THE NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF LOCAL SWITCH UNLESS NOTED OTHERWISE.
8. ALL LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS TO A STRUCTURAL MEMBER.
9. PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 304.26 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
10. PROVIDE SEPARATE NEUTRAL FOR ALL DIMMED CIRCUITS.
11. CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
12. PROVIDE ENVIRONMENTAL RESISTANT EXPLOSION PROOF LIGHTING FIXTURE - 4" LENGTH. PROVIDE 120V LIGHTING CIRCUIT.

KEY NOTES

1. MOVE EXISTING SWITCH TO NEW DOOR LOCATION.
2. WALL MOUNTED OCCUPANCY SENSORS.
3. RELOCATE EXISTING PARKING LOT LIGHT TO NEW LOCATION ON NEW BASE. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT ALONG WITH CONDUITS TO THE NEW LOCATION. VERIFY THE EXACT CONDITIONS IN THE FIELD.
4. ALL THE ELECTRICAL EQUIPMENTS IN THE ROOM TO BE EXPLOSION PROOF.
5. PROVIDE ENVIRONMENTAL RESISTANT EXPLOSION PROOF LIGHTING FIXTURE - 4" LENGTH. PROVIDE 120V LIGHTING CIRCUIT.



2 PARKING LOT LIGHTING POLE BASE DETAIL-A
N.T.S.



1 LEVEL 1 LIGHTING PLAN AREA C
SCALE: 1/8\"/>

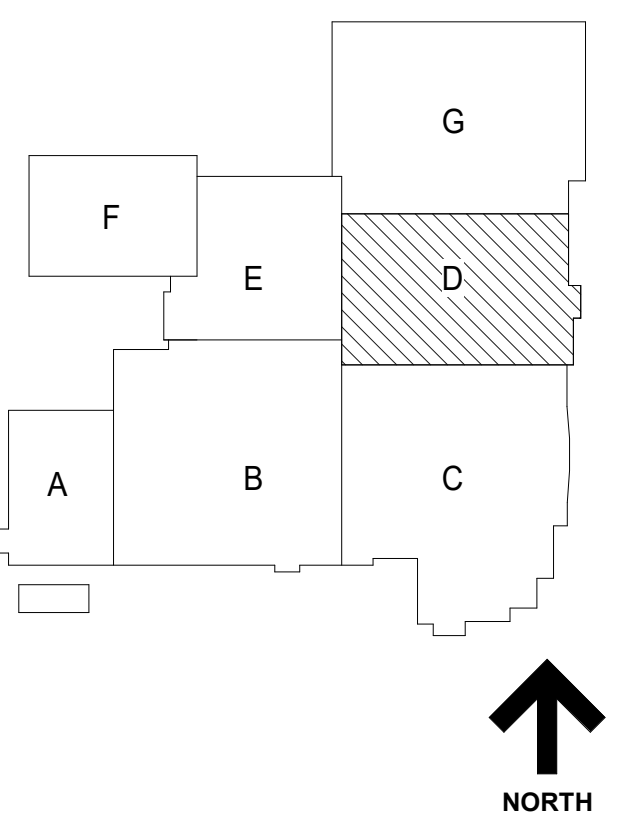
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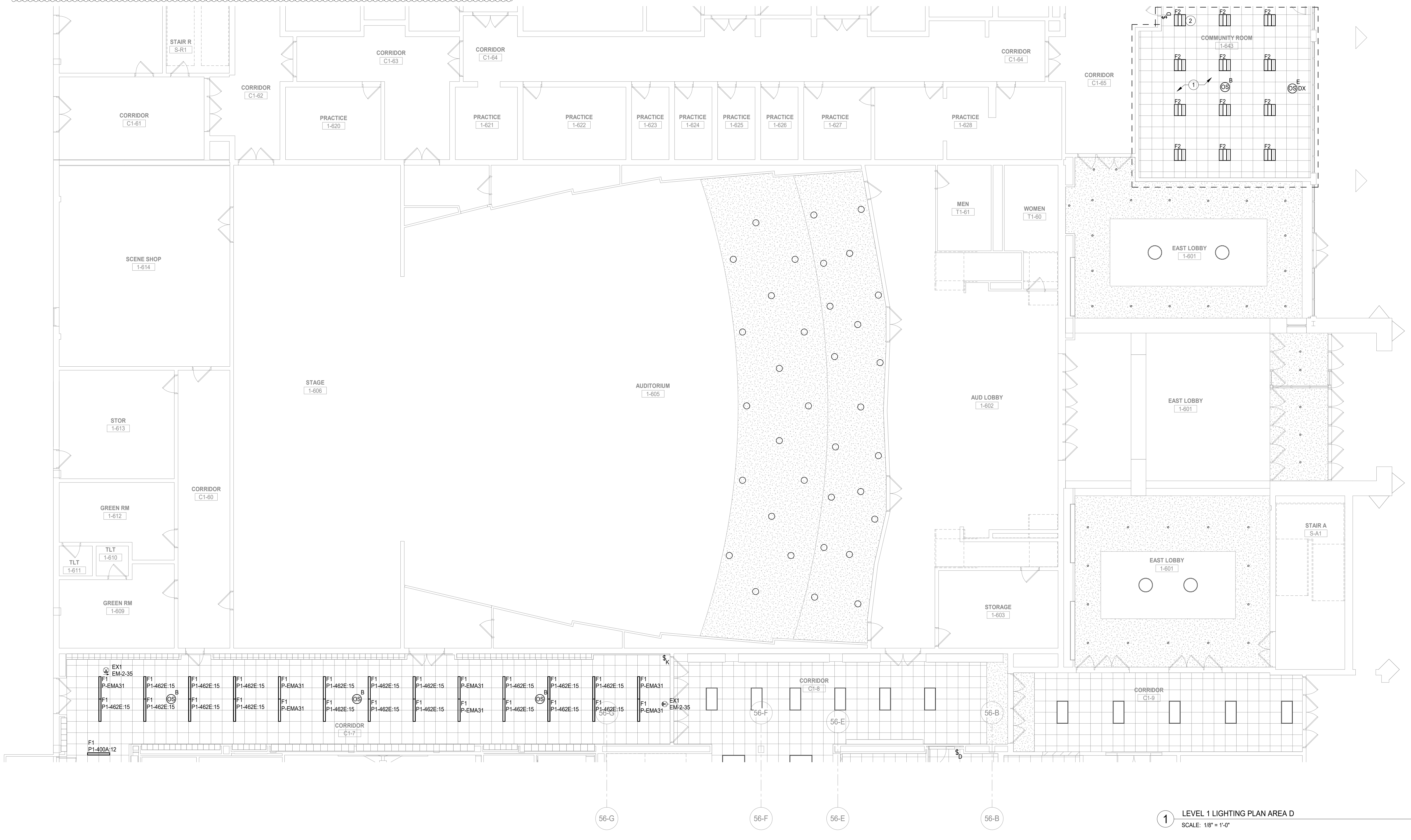
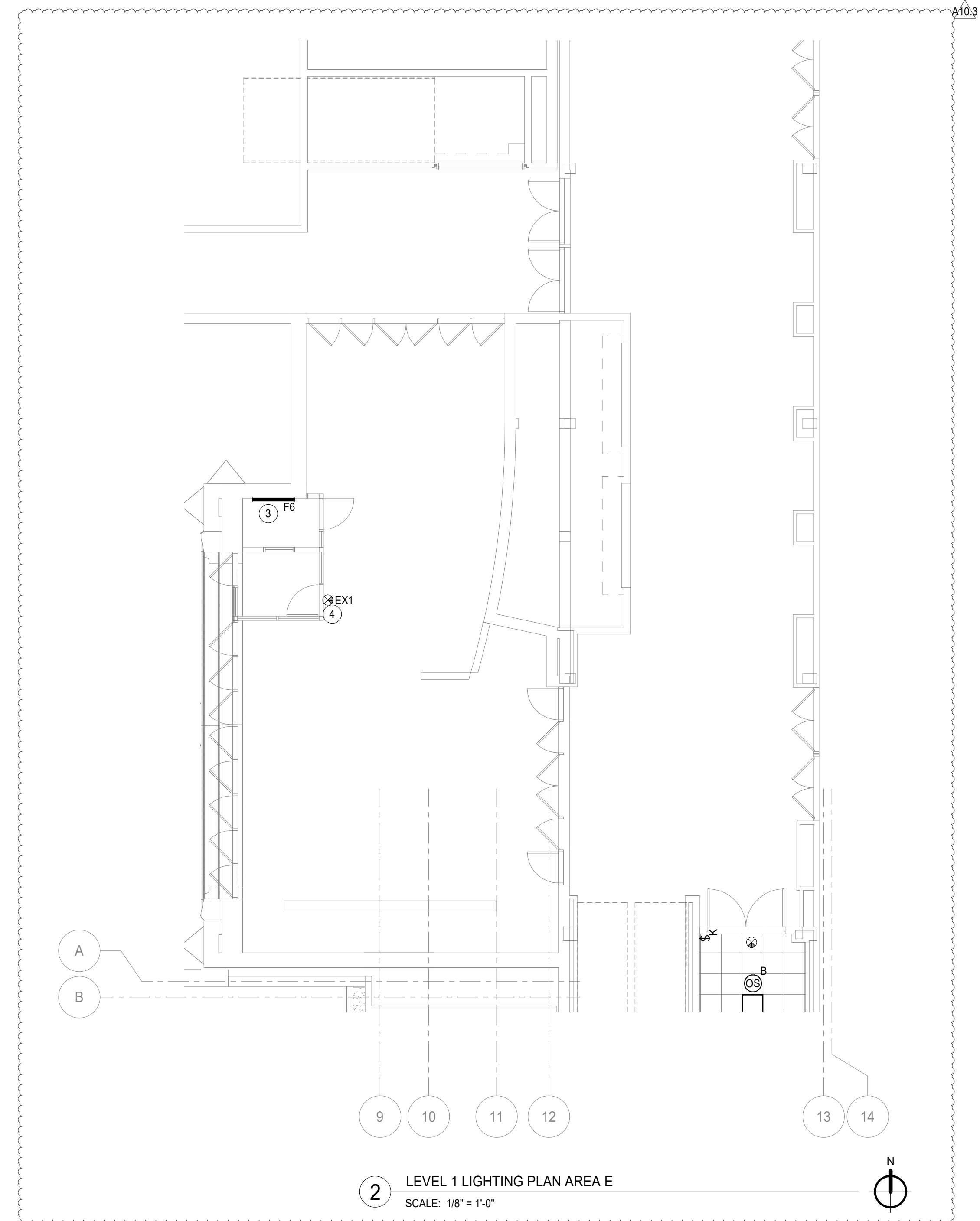


GENERAL NOTES

1. THESE NOTES ARE APPLICABLE TO ALL LIGHTING PLANS.
2. THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4".
3. ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 20A/1-POLE CIRCUIT BREAKERS IN PANELBOARD UNLESS NOTED OTHERWISE.
4. PROVIDE LOCK-ON CIRCUIT BREAKER DEVICES FOR ALL EMERGENCY LIGHTING & EXIT SIGN BRANCH CIRCUITS.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.
6. ALL LUMINAIRES SHOWN HALF SHADED SHALL BE WIRED (NON-SWITCHED CIRCUIT) DIRECTLY TO THE EMERGENCY PANEL. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO EACH BRANCH CIRCUIT TO THE EMERGENCY PANEL CIRCUIT NUMBER(S). WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER(S) TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
7. EMERGENCY BATTERY PACKS SHOWN ARE TO BE CONNECTED TO THE NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF LOCAL SWITCH UNLESS NOTED OTHERWISE.
8. ALL LUMINAIRE LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS TO A STRUCTURAL MEMBER.
9. PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 344.26 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
10. PROVIDE SEPARATE NEUTRAL FOR ALL DIMMED CIRCUITS.
11. CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
12. SEE DETAILS SHEET FOR LIGHT FIXTURE SCHEDULE AND LIGHTING CONTROL LEGENDS.

KEY NOTES

1. NEW LIGHTS IN THE AREA PART OF THE ALTERNATE BID. CONNECT THE NEW LIGHTS FROM EXISTING NORMAL LIGHTING BRANCHED CIRCUITS SERVING THE AREA. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT AS REQUIRED. VERIFY IN THE FIELD.
2. CONNECT THE LIGHT FIXTURE TO EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THE AREA. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT AS REQUIRED.
3. CONNECT THE NEW LIGHT TO EXISTING NORMAL LIGHTING CIRCUIT SERVING THE AREA. VERIFY IN FIELD.
4. NEW LOCATION OF THE EXISTING RELOCATED EXIT SIGN LIGHT. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUITS AS REQUIRED.



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ISSUED FOR 50% CD - PHASE C	10.02.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE

**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**LEVEL 1 LIGHTING PLAN
AREA D (PHASE C)**

Project Number:
5274-42
Drawn By:
Author:
Sheet:

E3.01D.c



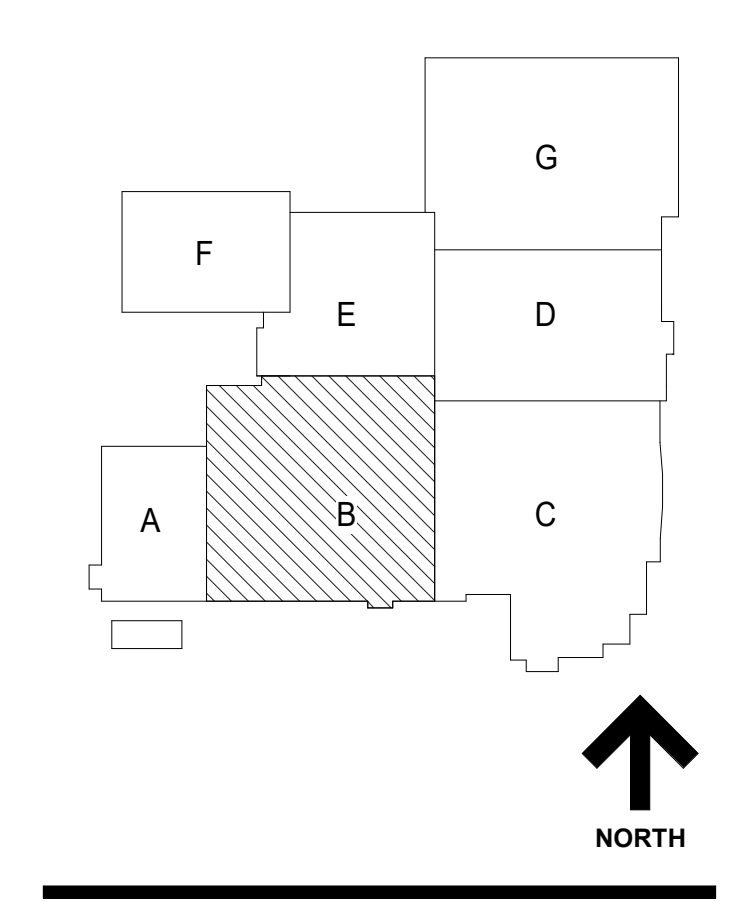
- GENERAL NOTES**
- THESE NOTES ARE APPLICABLE TO ALL LIGHTING PLANS.
 - THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4".
 - ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 200V POLE CIRCUIT BREAKERS IN PANELBOARDS INDICATED UNLESS NOTED OTHERWISE.
 - PROVIDE LOCK-ON CIRCUIT BREAKER DEVICES FOR ALL EMERGENCY LIGHTING & EXIT SIGN BRANCH CIRCUITS.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.
 - ALL LUMINAIRES SHOWN HALF SHADED SHALL BE WIRED (NON-SWITCHED CIRCUIT) DIRECTLY TO THE EMERGENCY PANEL. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO EACH BRANCH CIRCUIT TO THE EMERGENCY PANEL. CIRCUIT NUMBERS, WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBERS TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
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 - SEE DETAILS SHEET FOR LIGHT FIXTURE SCHEDULE AND LIGHTING CONTROL LEGENDS.
- KEYNOTES**
- LITHONIA OLTVIM 400K-MVOLT GREY ELEVATOR PIT LIGHT WITH CONTROL KEY SWITCH NEAR THE LADDER. PROVIDE LOW CIRCUIT.
 - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING OF THE LIGHTS. THESE ARE SHOWN ON LEVEL 2 FOR REFERENCE ONLY.

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A10.3	BID GROUP 10-ADDENDUM #3	01.16.2020
A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

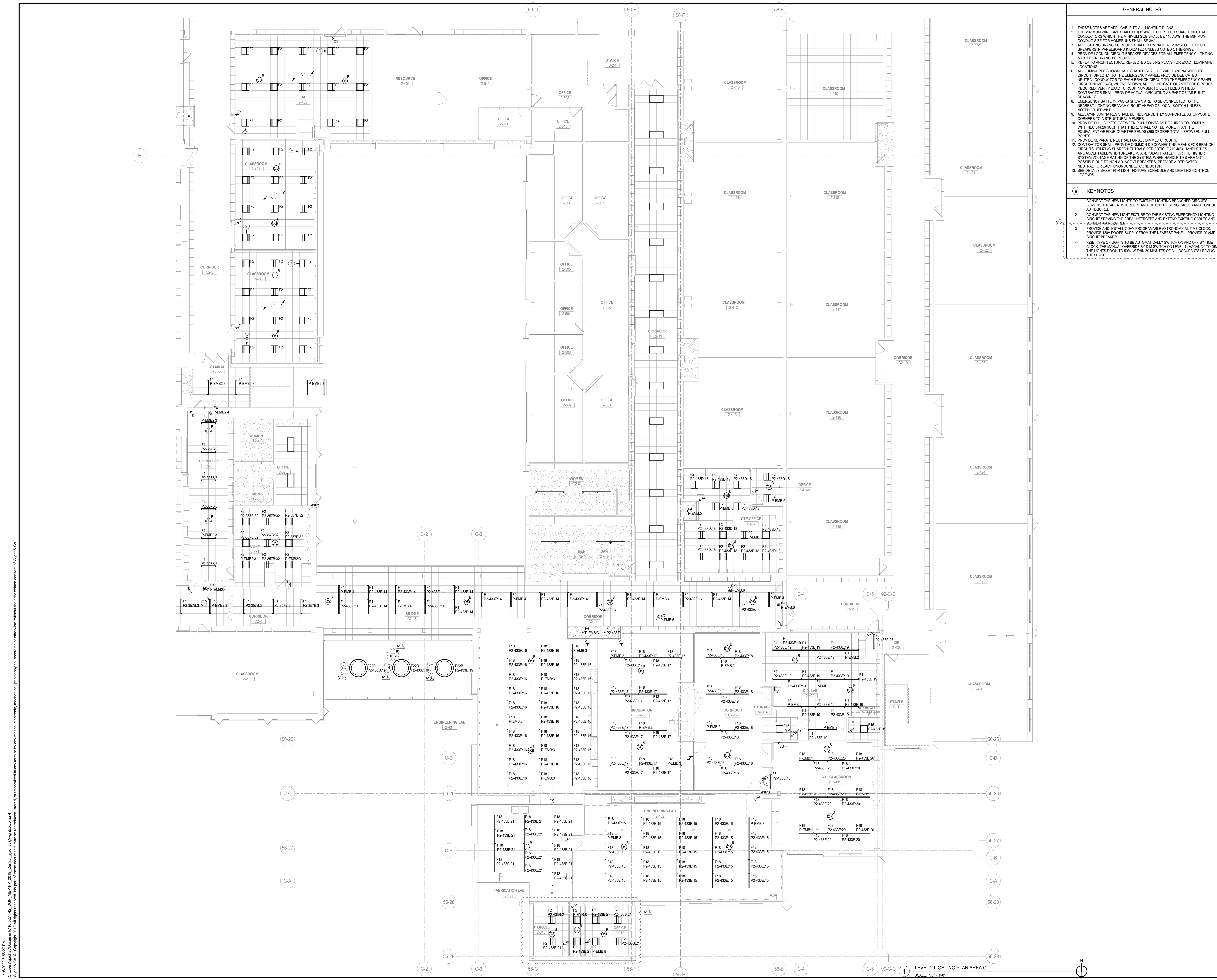
LEVEL 2 LIGHTING PLAN AREA B (PHASE C)

Project Number:
5274-42
Drawn By:
Author
Sheet:

E3.02B.c

1 LEVEL 2 LIGHTING PLAN AREA B
SCALE: 1/8" = 1'-0"

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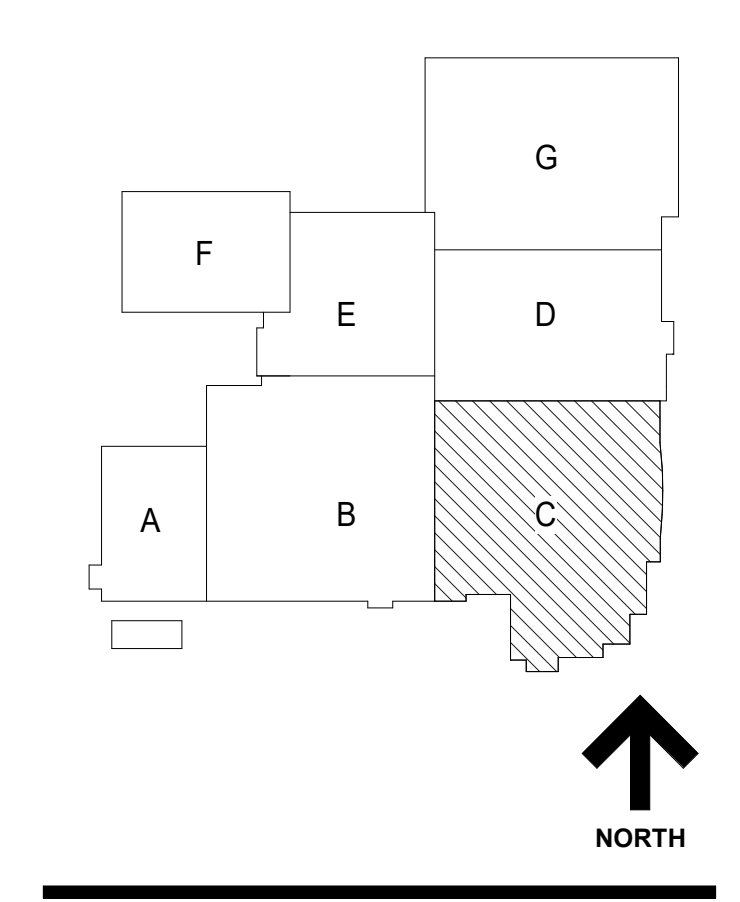
- GENERAL NOTES**
1. THESE NOTES ARE APPLICABLE TO ALL LIGHTING PLANS.
 2. THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4".
 3. ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 200V POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
 4. PROVIDE LOCK ON CIRCUIT BREAKER DEVICES FOR ALL EMERGENCY LIGHTING & EXIT SIGN BRANCH CIRCUITS.
 5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.
 6. ALL LUMINAIRES SHOWN HALF SHADED SHALL BE WIRED (NON-SWITCHED CIRCUIT) DIRECTLY TO THE EMERGENCY PANEL. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO EACH BRANCH CIRCUIT TO THE EMERGENCY PANEL CIRCUIT NUMBER(S) WHERE SHOWN. ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
 7. EMERGENCY BATTERY PACKS SHOWN ARE TO BE CONNECTED TO THE NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF LOCAL SWITCH UNLESS NOTED OTHERWISE.
 8. ALL LAY-IN LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS TO A STRUCTURAL MEMBER.
 9. PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 314.26 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
 10. PROVIDE SEPARATE NEUTRAL FOR ALL DIMMED CIRCUITS.
 11. CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
 12. SEE DETAILS SHEET FOR LIGHT FIXTURE SCHEDULE AND LIGHTING CONTROL LEGENDS.

- KEYNOTES**
1. CONNECT THE NEW LIGHTS TO EXISTING LIGHTING BRANCHED CIRCUITS SERVING THE AREA. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT AS REQUIRED.
 2. CONNECT THE NEW LIGHT FIXTURE TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THE AREA. INTERCEPT AND EXTEND EXISTING CABLES AND CONDUIT AS REQUIRED.
 3. PROVIDE AND INSTALL 1 DAY PROGRAMMABLE ASTRONOMICAL TIME CLOCK PROVIDE 120V POWER SUPPLY FROM THE NEAREST PANEL. PROVIDE 20 AMP CIRCUIT BREAKER.
 4. F228 TYPE OF LIGHTS TO BE AUTOMATICALLY SWITCH ON AND OFF BY TIME CLOCK. THE MANUAL OVERRIDE BY DIM SWITCH ON LEVEL 1. VACANCY TO DIM THE LIGHTS DOWN TO 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE.



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A10.3 BID GROUP 10-ADDENDUM #3 01.16.2020
A10.1 BID GROUP 10-ADDENDUM #1 12.30.2019
ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
ISSUED FOR 75% CD - PHASE C 10.14.2019
ISSUED FOR 50% CD - PHASE C 10.02.2019
ISSUED FOR 25% CD - PHASE C 08.30.2019
REV DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

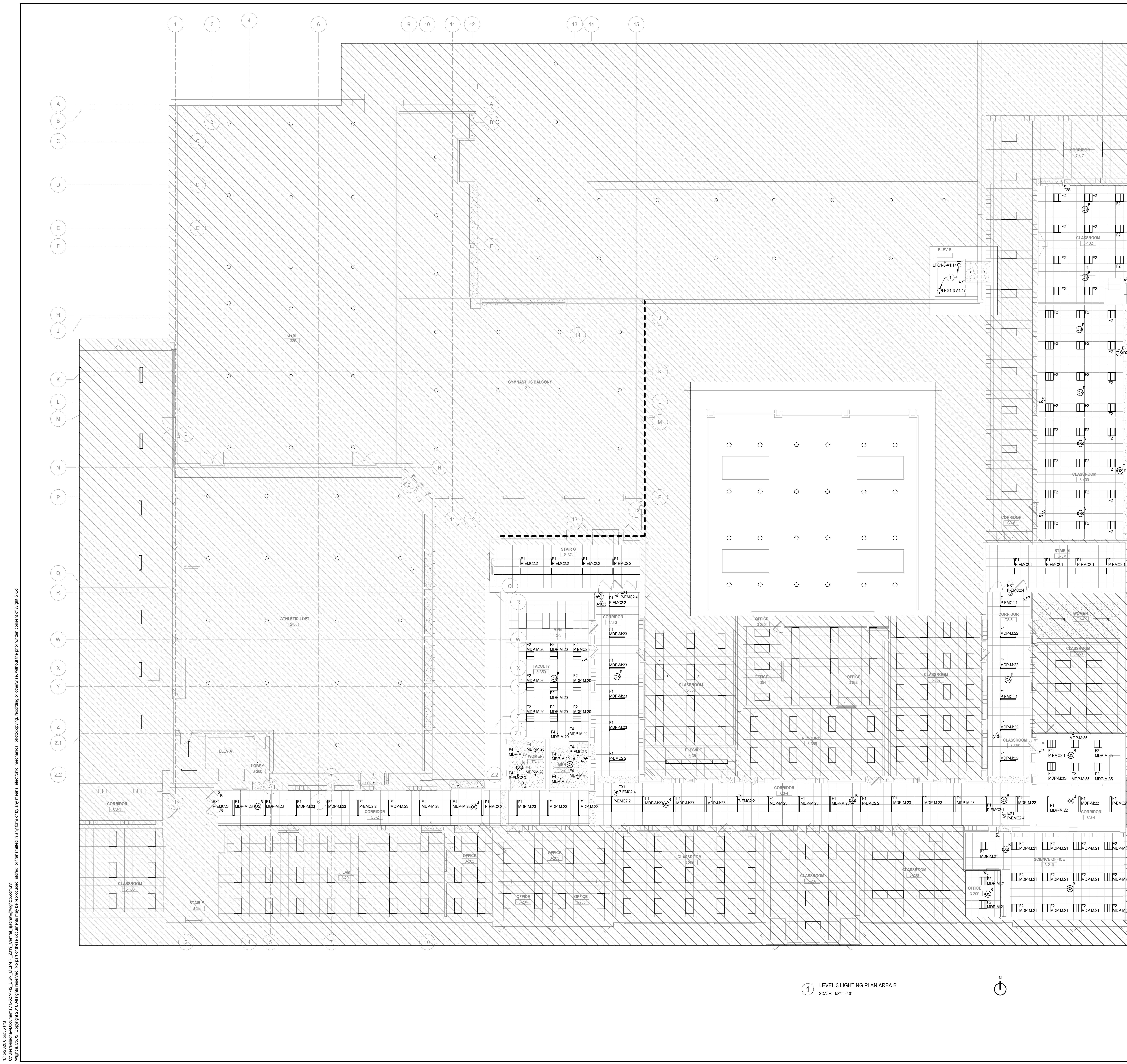
LEVEL 2 LIGHTING PLAN AREA C (PHASE C)

Project Number:
5274-42
Drawn By:
Author:
Sheet:

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LEVEL 2 LIGHTING PLAN AREA C
SCALE: 1/8" = 1'-0"



- GENERAL NOTES**
- THESE NOTES ARE APPLICABLE TO ALL LIGHTING PLANS.
 - THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4".
 - ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 20A/1-POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
 - PROVIDE LOCK ON CIRCUIT BREAKER DEVICES FOR ALL EMERGENCY LIGHTING & EXIT SIGN BRANCH CIRCUITS.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS.
 - ALL LUMINAIRES SHOWN HALF SHADED SHALL BE WIRED (NON-SWITCHED CIRCUIT) DIRECTLY TO THE EMERGENCY PANEL. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO EACH BRANCH CIRCUIT TO THE EMERGENCY PANEL. CIRCUIT NUMBERS, WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBERS TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
 - EMERGENCY BATTERY PACKS SHOWN ARE TO BE CONNECTED TO THE NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF LOCAL SWITCH UNLESS NOTED OTHERWISE.
 - ALL LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS TO A STRUCTURAL MEMBER.
 - PROVIDE PULL BOXES BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 44.2.6 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (90 DEGREE TOTAL) BETWEEN PULL POINTS.
 - PROVIDE SEPARATE NEUTRAL FOR ALL DIMMED CIRCUITS.
 - CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE SLASH RATED FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
 - SEE DETAILS SHEET FOR LIGHT FIXTURE SCHEDULE AND LIGHTING CONTROL LEGENDS.

KEYNOTES

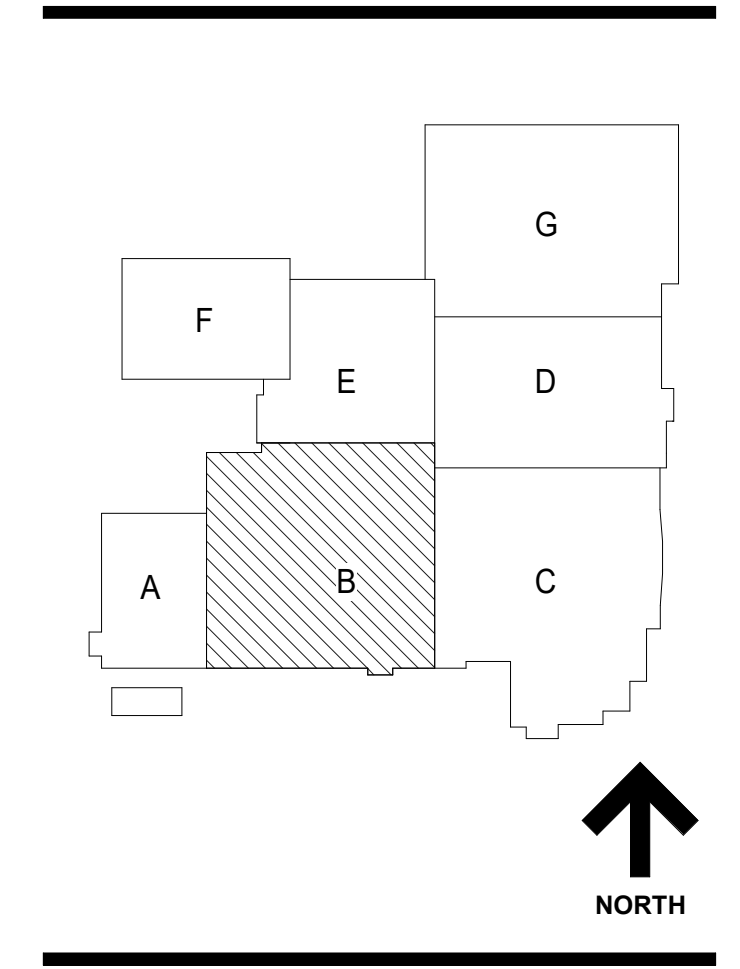
- PROVIDE QLV7M-400K-ARVOLT GREY UTHONA FIXTURE IN THE SHAFT AND NEAR THE ELEVATOR MACHINERY WITH CONTROL SWITCH NEAR THE LADDER AND DOOR. PROVIDE 120V-1 PHASE CIRCUIT.

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A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

LEVEL 3 LIGHTING PLAN AREA B (PHASE C)

Project Number:
5274-42
Drawn By:
Author
Sheet:

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1 LEVEL 3 LIGHTING PLAN AREA B
SCALE: 1/8" = 1'-0"

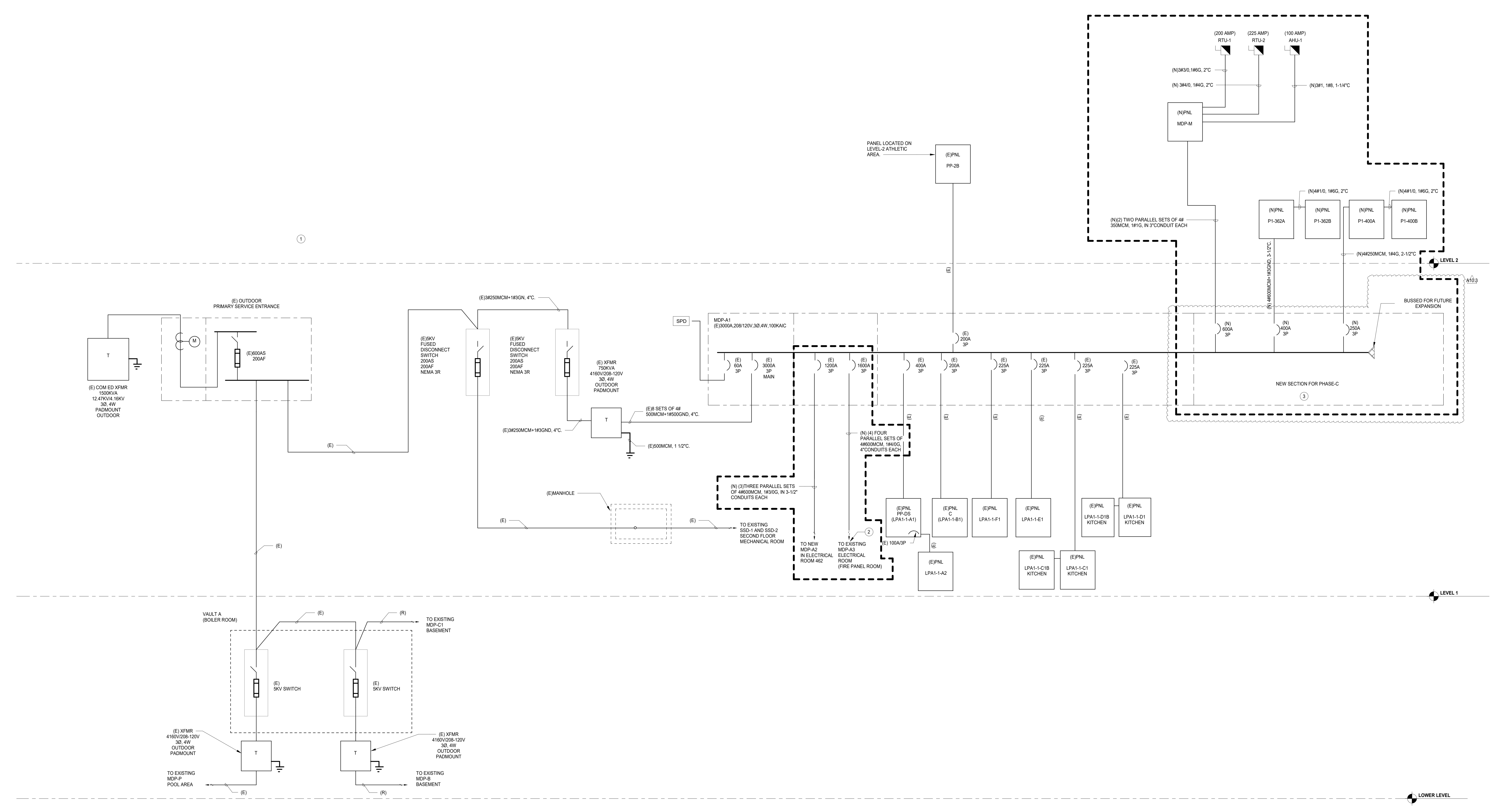


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LEGENDS		GENERAL NOTES	
(E)	EXISTING TO REMAIN	1	ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL CONFORM TO ALL LOCAL CODES.
(R)	EXISTING TO BE REMOVED/REMOVED	2	CONDUIT UNDER DRIVES AND PARKING LOTS SHALL BE EITHER IMC OR GRMC BURIED MINIMUM 24 INCHES.
(RE)	EXISTING TO BE RELOCATED/RELOCATED	3	ALL CONDUIT OUTDOORS OR BURIED SHALL BE EITHER IMC, GRMC OR SCHEDULE 40 POLYETHYLENE.
(M)	EXISTING TO BE MODIFIED/MODIFIED	4	JULIE MUST BE CONTACTED PRIOR TO ANY DIGGING OR EXCAVATION. ANY DAMAGE TO ANY EXISTING UNDERGROUND UTILITIES, MARKED BY JULIE, OR NOT SHALL BE REPAIRED BY THIS CONTRACTOR AT THEIR EXPENSE.
(N)	NEW	5	THIS CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES NOT MARKED BY JULIE. IF DAMAGED, THIS CONTRACTOR SHALL REPAIR AT THEIR OWN EXPENSE.
		6	ELECTRICAL EQUIPMENT SHORT-CIRCUIT CURRENT RATING (SCCR) SHALL BE EQUAL TO OR GREATER THAN THE AVAILABLE SHORT-CIRCUIT CURRENT.
# KEYNOTES			
		1	ALL ELECTRICAL EQUIPMENT ARE EXISTING TO REMAIN UNLESS TYPICAL FOR ALL EQUIPMENT MARKED AS (E).
		2	REFEED EXISTING 1800 AMP DISTRIBUTION PANEL FROM MDP-A1.
		3	PROVIDE NEW SECTION TO THE EXISTING SWITCHBOARD TO FEED THE NEW PANELS FOR PHASE C. NEW SWITCHBOARD SECTION TO EXTEND EXISTING 250(12V), 3000 AMP COPPER BUS, 100 KAIC.



1 RISER DIAGRAM_PRIMARY SERVICE (PHASE C)
N.T.S.

**NOT FOR
CONSTRUCTION**

A10.3	BID GROUP 10-ADDENDUM #3	01.16.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**RISER DIAGRAM
(PHASE C)**

Project Number:
5274-42
Drawn By:
Author:
Sheet:

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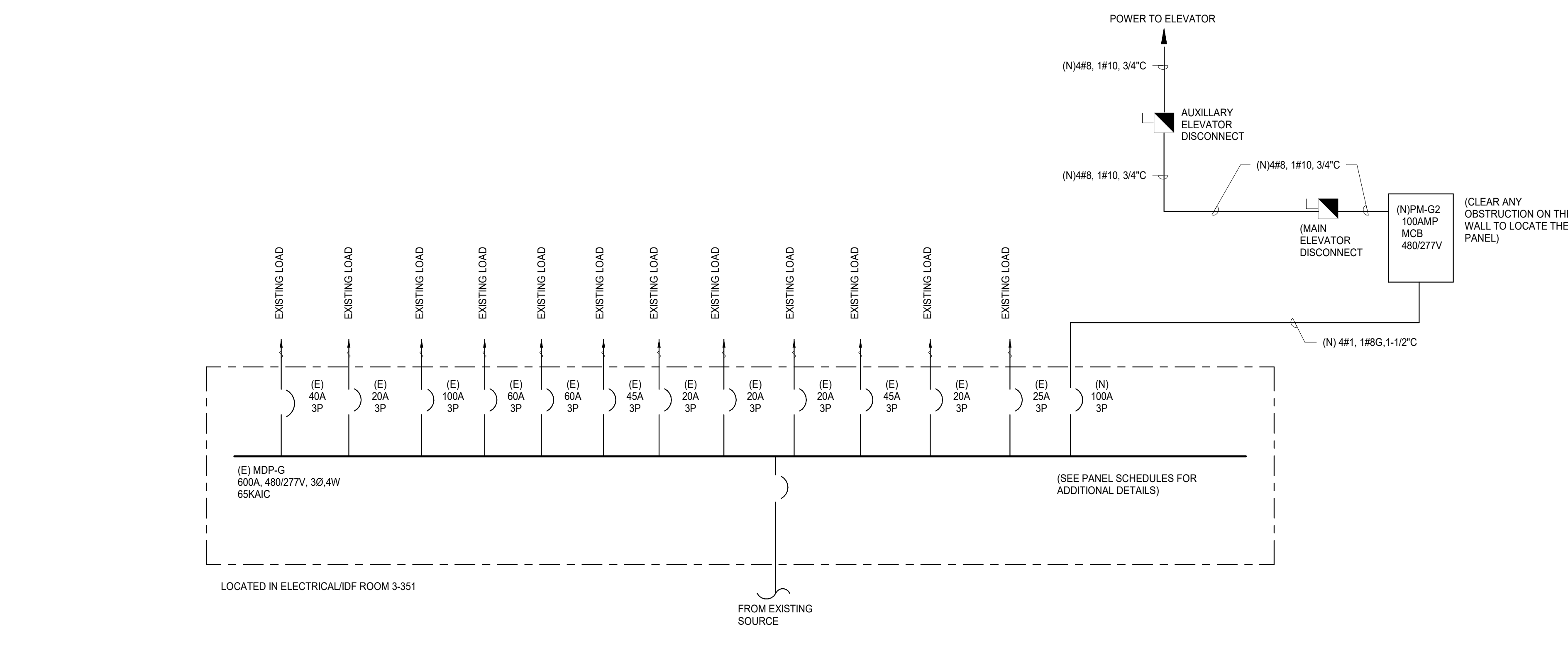
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DISTRICT 99



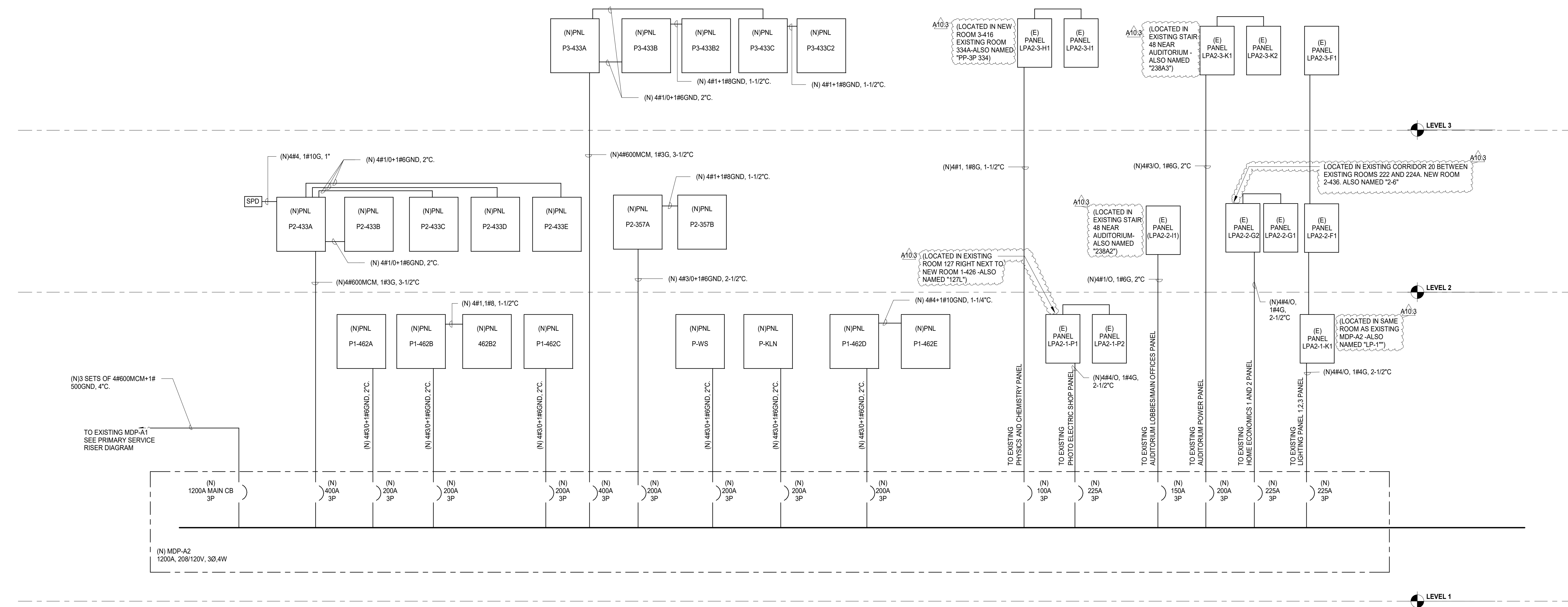
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LEGENDS	
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED/REMOVED
(RE)	EXISTING TO BE RELOCATED/RELOCATED
(M)	EXISTING TO BE MODIFIED/MODIFIED
(N)	NEW

- GENERAL NOTES**
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL CONFORM TO ALL LOCAL CODES.
 2. CONDUIT UNDER DRIVES AND PARKING LOTS SHALL BE EITHER IMC OR GRMC BURIED MINIMUM 24 INCHES.
 3. ALL CONDUIT OUTDOORS OR BURIED SHALL BE EITHER IMC, GRMC OR SCHEDULE 40 POLYETHYLENE.
 4. J.U.L.I.E. MUST BE CONTACTED PRIOR TO ANY DIGGING OR EXCAVATION. ANY DAMAGE TO ANY EXISTING UNDERGROUND UTILITIES, MARKED BY J.U.L.I.E. OR NOT SHALL BE REPAIRED BY THIS CONTRACTOR AT THEIR EXPENSE.
 5. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES NOT MARKED BY J.U.L.I.E. IF DAMAGED, THIS CONTRACTOR SHALL REPAIR AT THEIR OWN EXPENSE.
 6. ELECTRICAL EQUIPMENT SHORT-CIRCUIT CURRENT RATING (SCCR) SHALL BE EQUAL TO OR GREATER THAN THE AVAILABLE SHORT-CIRCUIT CURRENT.



1 RISER DIAGRAM_MDP-G (PHASE C)
N.T.S.



2 RISER DIAGRAM_MDP-A2 NEW (PHASE C)
N.T.S.

**NOT FOR
CONSTRUCTION**

A10.3	BID GROUP 10-ADDENDUM #3	01.16.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE	DATE

**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**RISER DIAGRAM
(PHASE C)**

Project Number:
5274-42
Drawn By:
Author
Sheet:

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PANELBOARD: MDP-G											
LOCATION: OFFICE 2-364			VOLTAGE: 480/277 Wye V, 3 ø 4 W.			MOUNTING: SURFACE NEMA 1			SPECIAL: EXISTING PANEL		
MAIN DEVICE: 600 A MAIN CB			A.I.C. RATING: 14,000 AMPS SYMMETRICAL			BUS AMPS: 600 AMPS			SPECIAL: NEW PANEL		
LOAD DESCRIPTION	BKR	P	CKT	PHASE A	PHASE B	PHASE C	CKT	P	BKR	LOAD DESCRIPTION	
(E) RTU	40	A	3	MDP-G-1	5.5	2.7	MDP-G-2	3	20	(E)MST-G1	
(E)ELEVATOR	100	A	3	MDP-G-3	7.5	3.6	MDP-G-4	3	60	(E)KJAD	
(N) COOKING SUPPLY FAN	20	A	3	MDP-G-5	0.0	5.5	MDP-G-6	3	60	(E)RTU-2	
(E)MST-G3	45	A	3	MDP-G-7	5.5	2.7	MDP-G-8	3	45	(E)MST-G2	
(E)RTU-11	20	A	3	MDP-G-9	2.7	2.7	MDP-G-10	3	20	(E)KJAD	
(E)RTU-12	25	A	3	MDP-G-11	3.4	0.9	MDP-G-12	3	20	(N) COOKING EXHAUST FAN	
TOTAL LOAD:			47 kVA			47 kVA			47 kVA		
TOTAL AMPS:			170 A			170 A			170 A		
LOAD CLASSIFICATION			CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS					
HVAC			637 VA	100.00%	637 VA	CONNECTED LOAD: 141600 VA					
Power			2232 VA	100.00%	2232 VA	ESTIMATED DEMAND: 141600 VA					
						CONNECTED CURRENT: 170 A					
						EST. DEMAND CURRENT: 170 A					

PANELBOARD: MDP-G2											
LOCATION: OFFICE 2-364			VOLTAGE: 480/277 Wye V, 3 ø 4 W.			MOUNTING: SURFACE NEMA 1			SPECIAL: NEW PANEL		
MAIN DEVICE: 100 A MAIN CB			A.I.C. RATING: 14,000 AMPS SYMMETRICAL			BUS AMPS: 100 AMPS			SPECIAL: NEW PANEL		
LOAD DESCRIPTION	BKR	P	CKT	PHASE A	PHASE B	PHASE C	CKT	P	BKR	LOAD DESCRIPTION	
ELEVATOR PHASE-C	20	A	3	MDP-G2-1	3.6	2.8	MDP-G2-2	3	25	MAUJ-3	
Spare	20	A	1	MDP-G2-7	0.0	0.0	MDP-G2-8	1	20	Spare	
Spare	20	A	1	MDP-G2-9	0.0	0.0	MDP-G2-10	1	20	Spare	
Spare	20	A	1	MDP-G2-11	0.0	0.0	MDP-G2-12	1	20	Spare	
Spare	20	A	1	MDP-G2-13	0.0	0.0	MDP-G2-14	1	20	Spare	
Spare	20	A	1	MDP-G2-15	0.0	0.0	MDP-G2-16	1	20	Spare	
Spare	20	A	1	MDP-G2-17	0.0	0.0	MDP-G2-18	1	20	Spare	
Spare	20	A	1	MDP-G2-19	0.0	0.0	MDP-G2-20	1	20	Spare	
Spare	20	A	1	MDP-G2-21	0.0	0.0	MDP-G2-22	1	20	Spare	
Spare	20	A	1	MDP-G2-23	0.0	0.0	MDP-G2-24	1	20	Spare	
Spare	20	A	1	MDP-G2-25	0.0	0.0	MDP-G2-26	1	20	Spare	
Spare	20	A	1	MDP-G2-27	0.0	0.0	MDP-G2-28	1	20	Spare	
Spare	20	A	1	MDP-G2-29	0.0	0.0	MDP-G2-30	1	20	Spare	
TOTAL LOAD:			6 kVA			6 kVA			6 kVA		
TOTAL AMPS:			23 A			23 A			23 A		
LOAD CLASSIFICATION			CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS					
HVAC			834 VA	100.00%	834 VA	CONNECTED LOAD: 19121 VA					
Power			1068 VA	100.00%	1068 VA	ESTIMATED DEMAND: 19121 VA					
						CONNECTED CURRENT: 23 A					
						EST. DEMAND CURRENT: 23 A					

DISTRIBUTION PANEL: MDP-A2											
LOCATION: MAIN DEVICE: 1200 A MCB			VOLTAGE: 120/208 Wye V, 3 ø 4 W.			MOUNTING: SURFACE NEMA 1			SPECIAL: NEW MCB PANEL		
BUS AMPS: 1200 AMPS			A.I.C. RATING: 65 KAIC			BUS AMPS: 1200 AMPS			SPECIAL: NEW MCB PANEL		
SECTION No. 1											
CKT	POLES	RATING	KVA	DESCRIPTION/NAME/PLATE	NOTES						
MDP-A-1	3	400 A	86.1 kVA	P1-462A							
MDP-A-2	3	200 A	27.1 kVA	P1-462A							
MDP-A-3	3	200 A	27.9 kVA	P1-462B							
MDP-A-4	3	400 A	82.4 kVA	P2-433C							
MDP-A-5	3	200 A	19.3 kVA	P1-462D							
MDP-A-6	3	200 A	42.1 kVA	P1-462D							
MDP-A-7	3	200 A	49.6 kVA	P1-462D							
MDP-A-8	3	200 A	67.6 kVA	P2-357A							
TOTAL LOAD:			614 kVA			614 kVA			614 kVA		
TOTAL AMPS:			23 A			23 A			23 A		
LOAD CLASSIFICATION			CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS					
HVAC			69780 VA	100.00%	69780 VA	CONNECTED LOAD: 408871 VA					
Lighting			24632 VA	100.00%	24632 VA	ESTIMATED DEMAND: 408871 VA					
Other			3169 VA	100.00%	3169 VA	CONNECTED CURRENT: 1138 A					
Power			81362 VA	100.00%	81362 VA	EST. DEMAND CURRENT: 728 A					
RCPT			225126 VA	35.33%	79538 VA	CONN. LOAD: 408871 VA					
SPEC			0 VA	0.00%	0 VA	EST. DEMAND LOAD: 261793 VA					
						CONN. CURRENT: 1138 A					
						EST. DEMAND: 728 A					

PANELBOARD: MDP-M											
LOCATION: ELEC/DIF 3-351			VOLTAGE: 120/208 Wye V, 3 ø 4 W.			MOUNTING: SURFACE NEMA 1			SPECIAL: NEW PANEL		
MAIN DEVICE: 600 A MAIN CB			A.I.C. RATING: 10,000 AMPS SYMMETRICAL			BUS AMPS: 600 AMPS			SPECIAL: NEW PANEL		
LOAD DESCRIPTION	BKR	P	CKT	PHASE A	PHASE B	PHASE C	CKT	P	BKR	LOAD DESCRIPTION	
RTU-1	200	A	3	MDP-M-1	21.0	22.2	MDP-M-2	3	225	RTU-2	
AHU-1	100	A	3	MDP-M-3	8.0	0.5	MDP-M-4	3	100	HANDDRYER-T3-2	
RCPT/FACULTY	20	A	1	MDP-M-11	1.4	1.4	MDP-M-12	1	20	TOILETS-FACULTY AREA	
REFRIGERATOR 210	20	A	1	MDP-M-13	1.4	1.4	MDP-M-14	1	20	RCPT-OFFICE 209	
RCPT10	20	A	1	MDP-M-15	0.6	1.1	MDP-M-16	1	20	RCPT-210	
UV-359	20	A	1	MDP-M-19	1.4	0.5	MDP-M-20	1	20	RCPT-210	
Lighting - Dwelling Unit	20	A	1	MDP-M-21	0.4	0.2	MDP-M-22	1	20	Lighting - Dwelling Unit	
Lighting-CORRIDOR C3-3	20	A	1	MDP-M-23	0.7	0.7	MDP-M-24	1	20	FCU-3-209	
HFCU-358, CRP-2	20	A	1	MDP-M-25	1.8	1.1	MDP-M-26	1	20	CRP-1	
HVAC-EXHAUST FAN	20	A	1	MDP-M-27	0.2	1.2	MDP-M-28	1	20	HVAC-EXHAUST FAN	
HVAC-MAU3	20	A	1	MDP-M-29	0.0	0.2	MDP-M-30	1	20	CONDENSATE PUMP HU-365	
HVAC-Condensate pump	20	A	1	MDP-M-31	1.5	0.6	MDP-M-32	1	20	HVAC-EXHAUST FAN	
Exhaust fan 165	20	A	1	MDP-M-33	0.2	0.2	MDP-M-34	1	20	Exhaust Fan EP-16	
Lighting - CLASSROOM 3-358	20	A	1	MDP-M-35	0.0	0.0	MDP-M-36	1	20	Space	
Space										Space	
Space										Space	
TOTAL LOAD:			60 kVA			60 kVA			60 kVA		
TOTAL AMPS:			204 A			204 A			204 A		
LOAD CLASSIFICATION			CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS					
HVAC			11338 VA	100.00%	10338 VA	CONNECTED LOAD: 171753 VA					
Lighting			960 VA	100.00%	960 VA	ESTIMATED DEMAND: 167854 VA					
Other			1560 VA	100.00%	1560 VA	CONNECTED CURRENT: 477 A					
Power			400 VA	100.00%	400 VA	EST. DEMAND CURRENT: 456 A					
RCPT			7800 VA	50.00%	3900 VA						

PANELBOARD: P2-433A											
LOCATION: STORAGE C2-12A			VOLTAGE: 120/208 Wye V, 3 ø 4 W.			MOUNTING: SURFACE NEMA 1			SPECIAL: NEW PANEL		
MAIN DEVICE: 400 A MAIN CB			A.I.C. RATING: 10,000 AMPS SYMMETRICAL			BUS AMPS: 400 AMPS			SPECIAL: NEW PANEL		
LOAD DESCRIPTION	BKR	P	CKT	PHASE A	PHASE B	PHASE C	CKT	P	BKR	LOAD DESCRIPTION	
P2-433B	150	A	3	P2-433A-1	6.7	7.3	P2-433A-2	3	150	P2-433C	
P2-433D	150	A	3	P2-433A-7	8.5	6.3	P2-433A-8	3	150	P2-433E	
Spare	20	A	1	P2-433A-11	0.0	0.0	P2-433A-12	1	20	Spare	
Spare	20	A	1	P2-433A-13	0.0	0.0	P2-433A-14	1	20	Spare	
Spare	20	A	1	P2-433A-15	0.0	0.0	P2-433A-16	1	20	Spare	
Spare	20	A	1	P2-433A-17	0.0	0.0	P2-433A-18	1	20	Spare	
Spare	20	A	1	P2-433A-19	0.0	0.0	P2-433A-20	1	20	Spare	
Spare	20	A	1	P2-433A-21	0.0	0.0	P2-433A-22	1	20	Spare	
Spare	20	A	1	P2-433A-23	0.0	0.0	P2-433A-24	1	20	Spare	
Spare	20	A	1	P2-433A-25	0.0	0.0	P2-433A-26	1	20	Spare	
Spare	20	A	1	P2-433A-27	0.0	0.0	P2-433A-28	1	20	Spare	
Spare	20	A	1	P2-433A-29	0.0	0.0	P2-433A-30	1	20	Spare	
Spare	20	A	1	P2-433A-31	0.0	0.0	P2-433A-32	1	20	Spare	
Spare	20	A	1	P2-433A-33	0.0	0.0	P2-433A-34	1	20	Spare	
Spare	20	A	1	P2-433A-35	0.0	0.0	P2-433A-36	1	20	Spare	
Spare	20	A	1	P2-433A-37	0.0	0.1	P2-433A-38	1	20	SURGE PROTECTION DEVICE	
Spare	20	A	1	P2-433A-39	0.0	0.1	P2-433A-40	1	20	SURGE PROTECTION DEVICE	
Spare	20	A	1	P2-433A-41	0.0	0.1	P2-433A-42	1	20	SURGE PROTECTION DEVICE	
TOTAL LOAD:			29 kVA			30 kVA			30 kVA		
TOTAL AMPS:			247 A			256 A			198 A		
LOAD CLASSIFICATION			CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS					
HVAC			7258 VA	100.00%	7258 VA	CONNECTED LOAD: 18375 VA					
Lighting			6842 VA	100.00%	6842 VA	ESTIMATED DEMAND: 48087 VA					
Power			7000 VA	100.00%	7000 VA	CONNECTED CURRENT: 229 A					
RCPT			60480 VA	43.31%	26192 VA	EST. DEMAND CURRENT: 133 A					
SPEC			0 VA	0.00%	0 VA						

PANELBOARD: P2-433B											
LOCATION: RECESSED NEMA1			VOLTAGE: 120/208 Wye V, 3 ø 4 W.			MOUNTING: RECESSED NEMA1			SPECIAL: NEW PANEL		
MAIN DEVICE: 150 A MLO			A.I.C. RATING: 10,000 AMPS SYMMETRICAL			BUS AMPS: 200 AMPS			SPECIAL: NEW PANEL		
LOAD DESCRIPTION	BKR	P	CKT	A	B	C	CKT	P	BKR	LOAD DESCRIPTION	
Cont Reel 432	20	A	1	P2-433B-1	0.4	0.4	P2-433B-2	1	20	Cont Reel 432	
Cont Reel 432	20	A	1	P2-433B-3	0.4	0.4	P2-433B-4	1	20	Cont Reel 432	
Cont Reel 432	20	A	1	P2-433B-5	0.4	0.4	P2-433B-6	1	20	Cont Reel 432	
Cont Reel 432	20	A	1	P2-433B-7	0.4	0.4	P2-433B-8	1	20	Cont Reel 432	
Printer 432	20	A	1	P2-433B-9	0.6	0.6	P2-433B-10	1	20	Printer 432	
Computers 432	20	A	1	P2-433B-11	0.7	0.7	P2-433B-12	1	20	Printer 432	
Computers 432	20	A	1	P2-433B-13	0.7	0.7	P2-433B-14	1	20	Computers 432	
Computers 432	20	A	1	P2-433B-15	0.7	0.7	P2-433B-16	1	20	Computers 432	
Computers 432	20	A	1	P2-433B-17	0.7	0.7	P2-433B-18	1	20	Projector 432	
RCPT 432	20	A	1	P2-433B-19	0.7	0.0	P2-433B-20	1	20	Cont Reel 434	
Lights level 2 str. off.	20	A	1	P2-433B-21	0.2	0.0	P2-433B-22	1	20	Spare	
RCPT	20	A	1	P2-433B-23	1.1	1.0	P2-433B-24	1	20	Sewing machines 431	
Sewing machines 431	20	A	1	P2-433B-25	0.7	0.7	P2-433B-26				

PANELBOARD: P1-462C

LOCATION: 120208 Wye V. 3 & 4 W. VOLTAGE: 120/208 Wye V. 3 & 4 W. MOUNTING: SURFACE NEMA1 A.I.C. RATING: 10,000 AMPS SYMMETRICAL MAIN DEVICE: 200 A MCB SPECIAL: NEW PANEL BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A KVA	PHASE B KVA	PHASE C KVA	CKT	P	BKR	LOAD DESCRIPTION		
Lighting-453	20 A	1	P1-462C-1	1.1	1.4		1	1	P1-462C-2	1	20 A	Lighting-461
Lighting-456, 457, 458, 459	20 A	1	P1-462C-3	1.8	1.2		1	1	P1-462C-4	1	20 A	Lighting-450, 450A, 452, C1-14
Lighting-C12, C13	20 A	1	P1-462C-5	1.0	0.3		1	1	P1-462C-6	1	20 A	Lighting-426
Lighting-416	20 A	1	P1-462C-7	0.3	0.1		1	1	P1-462C-8	1	20 A	Lighting-PROJ. STOR. 480
LIGHTS-ROOM 454, 455	20 A	1	P1-462C-9	0.0	0.0		1	1	P1-462C-10	1	20 A	TV Screen
RCPT COMMONS RCPT1	20 A	1	P1-462C-11	1.4	0.0		1	1	P1-462C-12	1	20 A	RCPT COMMONS RCPT1
RCPT GROUP ROOM-426	20 A	1	P1-462C-13	0.9	0.4		1	1	P1-462C-14	1	20 A	Lighting - 535, 538, 537, 538, 540
Lighting - 550	20 A	1	P1-462C-15	0.7	0.1		1	1	P1-462C-16	1	20 A	RCPT CONDOR
Lighting - 554, 525, 526, 528	20 A	1	P1-462C-17	0.2	0.7		1	1	P1-462C-18	1	20 A	RCPT-540, 538
RCPT-537, 538	20 A	1	P1-462C-19	1.1	1.1		1	1	P1-462C-20	1	20 A	RCPT-535, 528
RCPT-526	20 A	1	P1-462C-21	0.7	0.1		1	1	P1-462C-22	1	20 A	RCPT-524, 525
Spares	20 A	1	P1-462C-23	0.0	0.0		1	1	P1-462C-24	1	20 A	Spares
Spares	20 A	1	P1-462C-25	0.0	0.0		1	1	P1-462C-26	1	20 A	Spares
Spares	20 A	1	P1-462C-27	0.0	0.0		1	1	P1-462C-28	1	20 A	Spares
Spares	20 A	1	P1-462C-29	0.0	0.0		1	1	P1-462C-30	1	20 A	Spares
Spares	20 A	1	P1-462C-31	0.0	0.0		1	1	P1-462C-32	1	20 A	Spares
Spares	20 A	1	P1-462C-33	0.0	0.0		1	1	P1-462C-34	1	20 A	Spares
Spares	20 A	1	P1-462C-35	0.0	0.0		1	1	P1-462C-36	1	20 A	Spares
Spares	20 A	1	P1-462C-37	0.0	0.0		1	1	P1-462C-38	1	20 A	Spares
Spares	20 A	1	P1-462C-39	0.0	0.0		1	1	P1-462C-40	1	20 A	Spares
Spares	20 A	1	P1-462C-41	0.0	0.0		1	1	P1-462C-42	1	20 A	Spares
TOTAL LOAD:			6 VA	6 VA	5 VA							
TOTAL AMPS:	53 A		53 A	45 A								
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS				CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Lighting	8916 VA	100.00%	8916 VA	17176 VA				17176 VA			17176 VA	
RCPT	9720 VA	50.00%	4860 VA	12913 VA				12913 VA			12913 VA	
Other	0 VA	0.00%	0 VA	0 VA				0 VA			0 VA	
Power	1170 VA	100.00%	1170 VA	360 VA				360 VA			360 VA	
RCPT	6018 VA	43.33%	2607 VA	2872 VA				2872 VA			2872 VA	
SPEC	0 VA	0.00%	0 VA	0 VA				0 VA			0 VA	

NOTES:

PANELBOARD: P3-433A

LOCATION: PREP P-433 VOLTAGE: 120/208 Wye V. 3 & 4 W. MOUNTING: SURFACE NEMA1 A.I.C. RATING: 10,000 AMPS SYMMETRICAL MAIN DEVICE: 400 A MAIN CB SPECIAL: NEW PANEL BUS AMPS: 400 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A KVA	PHASE B KVA	PHASE C KVA	CKT	P	BKR	LOAD DESCRIPTION		
Lighting-433	150 A	3	P3-433A-3	12.9	16.3		3	3	P3-433A-4	3	150 A	P3-433C
Lighting-434	150 A	3	P3-433A-5	13.4	12.8		3	3	P3-433A-6	3	150 A	P3-433C
RCPT RTU-1	20 A	1	P3-433A-7	0.2	0.4		1	1	P3-433A-8	1	20 A	RCPT RTU-2
Spares	20 A	1	P3-433A-9	0.0	0.0		1	1	P3-433A-10	1	20 A	Spares
Spares	20 A	1	P3-433A-11	0.0	0.0		1	1	P3-433A-12	1	20 A	Spares
Spares	20 A	1	P3-433A-13	0.0	0.0		1	1	P3-433A-14	1	20 A	Spares
Spares	20 A	1	P3-433A-15	0.0	0.0		1	1	P3-433A-16	1	20 A	Spares
Spares	20 A	1	P3-433A-17	0.0	0.0		1	1	P3-433A-18	1	20 A	Spares
Spares	20 A	1	P3-433A-19	0.0	0.0		1	1	P3-433A-20	1	20 A	Spares
Spares	20 A	1	P3-433A-21	0.0	0.0		1	1	P3-433A-22	1	20 A	Spares
Spares	20 A	1	P3-433A-23	0.0	0.0		1	1	P3-433A-24	1	20 A	Spares
Spares	20 A	1	P3-433A-25	0.0	0.0		1	1	P3-433A-26	1	20 A	Spares
Spares	20 A	1	P3-433A-27	0.0	0.0		1	1	P3-433A-28	1	20 A	Spares
Spares	20 A	1	P3-433A-29	0.0	0.0		1	1	P3-433A-30	1	20 A	Spares
Spares	20 A	1	P3-433A-31	0.0	0.0		1	1	P3-433A-32	1	20 A	Spares
Spares	20 A	1	P3-433A-33	0.0	0.0		1	1	P3-433A-34	1	20 A	Spares
Spares	20 A	1	P3-433A-35	0.0	0.0		1	1	P3-433A-36	1	20 A	Spares
Spares	20 A	1	P3-433A-37	0.0	0.0		1	1	P3-433A-38	1	20 A	Spares
Spares	20 A	1	P3-433A-39	0.0	0.0		1	1	P3-433A-40	1	20 A	Spares
Spares	20 A	1	P3-433A-41	0.0	0.0		1	1	P3-433A-42	1	20 A	Spares
TOTAL LOAD:			31 VA	29 VA	28 VA							
TOTAL AMPS:	259 A		247 A	219 A								
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS				CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	17108 VA	100.00%	17108 VA	17108 VA				17108 VA			17108 VA	
Lighting	7472 VA	100.00%	7472 VA	86059 VA				86059 VA			86059 VA	
Other	1170 VA	100.00%	1170 VA	51960 VA				51960 VA			51960 VA	
Power	360 VA	100.00%	360 VA	360 VA				360 VA			360 VA	
RCPT	6018 VA	43.33%	2607 VA	2872 VA				2872 VA			2872 VA	
SPEC	0 VA	0.00%	0 VA	0 VA				0 VA			0 VA	

NOTES:

PANELBOARD: P3-433B

LOCATION: PREP P-433 VOLTAGE: 120/208 Wye V. 3 & 4 W. MOUNTING: RECESSED NEMA1 A.I.C. RATING: 10,000 AMPS SYMMETRICAL MAIN DEVICE: 150 A MCB SPECIAL: NEW PANEL BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A KVA	PHASE B KVA	PHASE C KVA	CKT	P	BKR	LOAD DESCRIPTION		
RCPT-Prep-433	20 A	1	P3-433B-1	1.1	1.0		1	1	P3-433B-2	1	20 A	Refrigerator-433
Refrigerator-433	20 A	1	P3-433B-3	1.2	0.4		1	1	P3-433B-4	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-5	0.4	0.4		1	1	P3-433B-6	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-7	0.4	0.4		1	1	P3-433B-8	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-9	0.4	0.4		1	1	P3-433B-10	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-11	0.4	0.4		1	1	P3-433B-12	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-13	0.4	0.8		1	1	P3-433B-14	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-15	0.4	0.8		1	1	P3-433B-16	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-17	0.4	0.8		1	1	P3-433B-18	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-19	0.4	0.8		1	1	P3-433B-20	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-21	0.4	0.8		1	1	P3-433B-22	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-23	0.4	0.8		1	1	P3-433B-24	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-25	0.4	0.8		1	1	P3-433B-26	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-27	0.4	0.8		1	1	P3-433B-28	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-29	0.4	0.8		1	1	P3-433B-30	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-31	0.4	0.8		1	1	P3-433B-32	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-33	0.4	0.8		1	1	P3-433B-34	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-35	0.4	0.8		1	1	P3-433B-36	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-37	0.4	0.8		1	1	P3-433B-38	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-39	0.4	0.8		1	1	P3-433B-40	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-41	0.4	0.8		1	1	P3-433B-42	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-43	0.4	0.8		1	1	P3-433B-44	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-45	0.4	0.8		1	1	P3-433B-46	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-47	0.4	0.8		1	1	P3-433B-48	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-49	0.4	0.8		1	1	P3-433B-50	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-51	0.4	0.8		1	1	P3-433B-52	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-53	0.4	0.8		1	1	P3-433B-54	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-55	0.4	0.8		1	1	P3-433B-56	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-57	0.4	0.8		1	1	P3-433B-58	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-59	0.4	0.8		1	1	P3-433B-60	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-61	0.4	0.8		1	1	P3-433B-62	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-63	0.4	0.8		1	1	P3-433B-64	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-65	0.4	0.8		1	1	P3-433B-66	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-67	0.4	0.8		1	1	P3-433B-68	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-69	0.4	0.8		1	1	P3-433B-70	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-71	0.4	0.8		1	1	P3-433B-72	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-73	0.4	0.8		1	1	P3-433B-74	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-75	0.4	0.8		1	1	P3-433B-76	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-77	0.4	0.8		1	1	P3-433B-78	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-79	0.4	0.8		1	1	P3-433B-80	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-81	0.4	0.8		1	1	P3-433B-82	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-83	0.4	0.8		1	1	P3-433B-84	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-85	0.4	0.8		1	1	P3-433B-86	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-87	0.4	0.8		1	1	P3-433B-88	1	20 A	Refrigerator-433
Lighting-432	20 A	1	P3-433B-89	0.4	0.8		1	1	P3-433B-90	1	20 A	Refrigerator-433
Lighting-432	20 A	1										

ADVANCE LIGHTING CONTROL SEQUENCE OF OPERATION

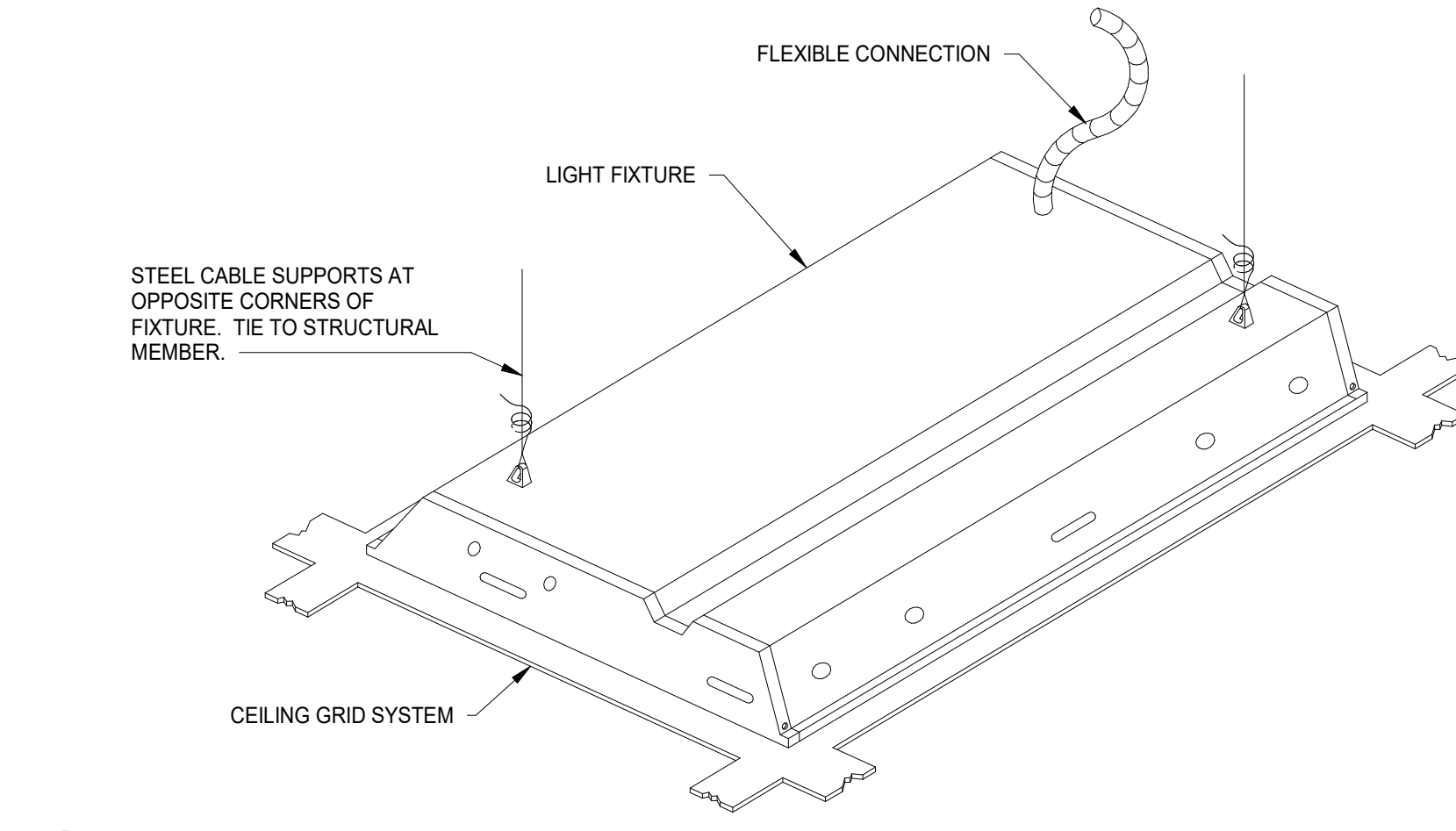
ROOM TYPE	SEQUENCE OF OPERATION
OFFICES WITH DAYLIGHTING	1) OCCUPANCY OPERATION IS IN VACANCY MODE (MANUAL ON/AUTO OFF). 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) DAYLIGHT HARVESTING TO MAINTAIN LIGHT LEVEL TO ADEQUATELY ILLUMINATE THE SPACE IN DAYLIGHTING ZONES. 4) MANUAL ON/OFF RAISE/OVER. 5) SWITCH PRIORITY CHANGED TO TEMPORARY OVERRIDE SO LIGHTS WILL MANUAL ON WHERE LIGHT LEVELS WERE LEFT AT BY END USER. 6) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924.
OFFICES WITHOUT DAYLIGHTING / STUDY / MOTHERS / SENIORS / FRIENDS	1) OCCUPANCY OPERATION IS IN VACANCY MODE (MANUAL ON/AUTO OFF). 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) MANUAL ON/OFF RAISE/OVER. 4) SWITCH PRIORITY CHANGED TO TEMPORARY OVERRIDE SO LIGHTS WILL MANUAL ON WHERE LIGHT LEVELS WERE LEFT AT BY END USER. 5) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924.
CONFERENCE ROOMS / MULTIPURPOSE ROOM	1) OCCUPANCY OPERATION IS IN VACANCY MODE (MANUAL ON/AUTO OFF) TO 30FC. 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) DAYLIGHT HARVESTING TO MAINTAIN LIGHT LEVEL TO ADEQUATELY ILLUMINATE THE SPACE IN DAYLIGHTING ZONES. 4) MANUAL ON/OFF RAISE/OVER WITH 2 SCENES. 5) SWITCH PRIORITY CHANGED TO TEMPORARY OVERRIDE SO LIGHTS MANUAL TURN ON TO 30FC. 6) 2 SCENES SET FOR SPACE 1) AV HIGH +AV ZONE OFF AND ROOM AT 50% 2) AV ZONE OFF AND ROOM AT 5%. 7) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924.
CLASSROOM ROOMS, LABS	1) OCCUPANCY OPERATION IS IN VACANCY MODE (MANUAL ON/AUTO OFF) TO 30FC. 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) DAYLIGHT HARVESTING TO MAINTAIN LIGHT LEVEL TO ADEQUATELY ILLUMINATE THE SPACE IN DAYLIGHTING ZONES. 4) MANUAL ON/OFF RAISE/OVER WITH 2 SCENES. 5) SWITCH PRIORITY CHANGED TO TEMPORARY OVERRIDE SO LIGHTS MANUAL TURN ON TO 30FC. 6) 4 SCENES SET FOR SPACE 1) AV HIGH +AV ZONE OFF AND ROOM AT 50% 2) AV ZONE OFF AND ROOM AT 5%. 7) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924.
OPEN OFFICE / TEEN / GRAPHICS	1) WHEN OCCUPANCY IS SENSED, LIGHTS WILL TURN ON TO 30FC. 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) MANUAL ON/OFF ONLY, ON SET TO 30FC. 4) SWITCH PRIORITY CHANGED TO TEMPORARY OVERRIDE SO LIGHTS MANUAL TURN ON TO 30FC. 5) DAYLIGHT HARVESTING TO MAINTAIN LIGHT LEVEL TO ADEQUATELY ILLUMINATE THE SPACE IN DAYLIGHTING ZONES. 6) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924.
LOBBY, CORRIDORS, STUDENT COMMON AREA	1) LIGHTS WILL TURN ON TO 25FC DURING SCHOOL HOURS. ONLY EM LIGHT WILL STAY OF AFTER SCHOOL HOURS AS NIGHT LIGHT. 2) MASTER CONTROL TOUCH SCREEN IN MAIN OFFICE OR BEHIND RECEPTION TO CONTROL LIGHTS. 3) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924. 4) DAYLIGHT HARVESTING TO MAINTAIN LIGHT LEVEL TO ADEQUATELY ILLUMINATE THE SPACE IN DAYLIGHTING ZONES WHERE DAY LIGHTING AVAILABLE.
SMALL STORAGE ROOMS AND TOILET	1) WHEN OCCUPANCY IS SENSED, LIGHTS WILL TURN ON TO 20FC. 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924. 4) CONTROL EXHAUST FANS IF PRESENT. COORDINATE WITH HVAC DRAWINGS FOR PROVISION OF AUXILIARY CONTACTS FOR CONTROL.
LARGER STORAGE OR BATHROOMS	1) WHEN OCCUPANCY IS SENSED, LIGHTS WILL TURN ON TO 20FC. 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924. 4) CONTROL EXHAUST FANS IF PRESENT. COORDINATE WITH HVAC DRAWINGS FOR PROVISION OF AUXILIARY CONTACTS FOR CONTROL.
LARGE MEETING ROOM	1) OCCUPANCY OPERATION IS IN VACANCY MODE (MANUAL ON/AUTO OFF) TO 30FC. 2) OCCUPANCY SENSORS DIM TO OFF TO BE SET AT 15 MINS / IDLE TIME TO DIM TO 50% IS AT 10 MINS. 3) DAYLIGHT HARVESTING TO MAINTAIN LIGHT LEVEL TO ADEQUATELY ILLUMINATE THE SPACE IN DAYLIGHTING ZONES. 4) MANUAL ON/OFF RAISE/OVER WITH 4 SCENES. 5) SWITCH PRIORITY CHANGED TO TEMPORARY OVERRIDE SO LIGHTS MANUAL TURN ON TO 30FC. 6) 4 SCENES SET FOR SPACE 1) AV HIGH +AV ZONE OFF AND ROOM AT 50% 2) AV ZONE OFF AND ROOM AT 5% 3) AV ZONE OFF ROOM LIGHTS AT 5% AND COVE LIGHT AT 20% 4) AV ZONE ON AT 50% REST OF THE ROOM LIGHTS AT 10%. 7) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924. 8) ALL THE CONTROLS FOR THE LARGE MEETING ROOM TO BE THROUGH THE LED SCREEN, KEY SWITCH TO OVERRIDE ON/OFF OF ALL THE LIGHTS IN THE ROOM.
ADULT SERVICES, SERVICES AND YOUTH SERVICES AREA	1) SWITCH ON AND OFF OPERATION NEED TO BE TIED INTO EXISTING LIGHTING CONTROL ZONE CONTROLLING THE ADULT SERVICES AND YOUTH SERVICES AREA. 2) OCCUPANCY OPERATION IS IN VACANCY MODE (MANUAL ON/AUTO OFF) TO 50% REST. 3) ALL EM FIXTURES LIGHTING TO BE CONTROLLED AND IF POWER LOSS THE FIXTURES WILL BYPASS ANY OFF OR DIM LEVEL TO 100% PER UL924. 4) USERS TO HAVE OPTION TO DIM THE INTENSITY DOWN TO 50%.

ALL ROOMS ARE ON NETWORK. WEBSERVER SOFTWARE TO BE ABLE TO ACCESS ALL DEVICES SETTINGS AND FIXTURE SETTINGS.
ALL ROOMS DIM EVEN IF IT HAS A ON/OFF ONLY SWITCH. TUNE THE LIGHT LEVEL FOR ENERGY SAVING LEVEL.
FACTORY PROGRAMMING AND CALIBRATION OF LIGHTING LEVELS AND CONTROL SEQUENCES.
3 MONTH FACTORY FOLLOWUP TRAINING AND TUNING VISIT TO DIAL IN LIGHT LEVELS AND ADDRESS ANY FURTHER CONTROL OPTIONS.
THESE DRAWINGS MAY NOT SHOW ALL REQUIRED PARTS FOR COMPLETE WORKING SYSTEM, CONTRACTOR SHALL PROVIDE SHOP DRAWINGS PER SPECIFICATION AND GUIDELINE.
SHOP DRAWINGS SHALL INCLUDE OCCUPANCY AND DAYLIGHT ZONE COVERAGE MAPS TO VERIFY PROPER OPERATION CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE WORKING SYSTEM TO MEET IECC 2015 AND PART EVEN ITS NOT SHOWN IN THESE DRAWINGS.
ALL FIXTURES SHALL BE ZONED FOR THE USE LISTED BELOW BUT NOT LIMITED TO:
CLASSROOMS, CONFERENCE ROOMS, MUSIC ROOMS, SCIENCE ROOMS SHALL BE 2 ZONES
ACCENT LIGHTS FOR CABINETS
CORRIDORS
EXTERIOR LIGHTS
PARKING LOT LIGHTS
GROW LIGHTS
CAN LIGHTS ABOVE SEATING
PENDANT LIGHTS IN STUDENT COMMON AREA

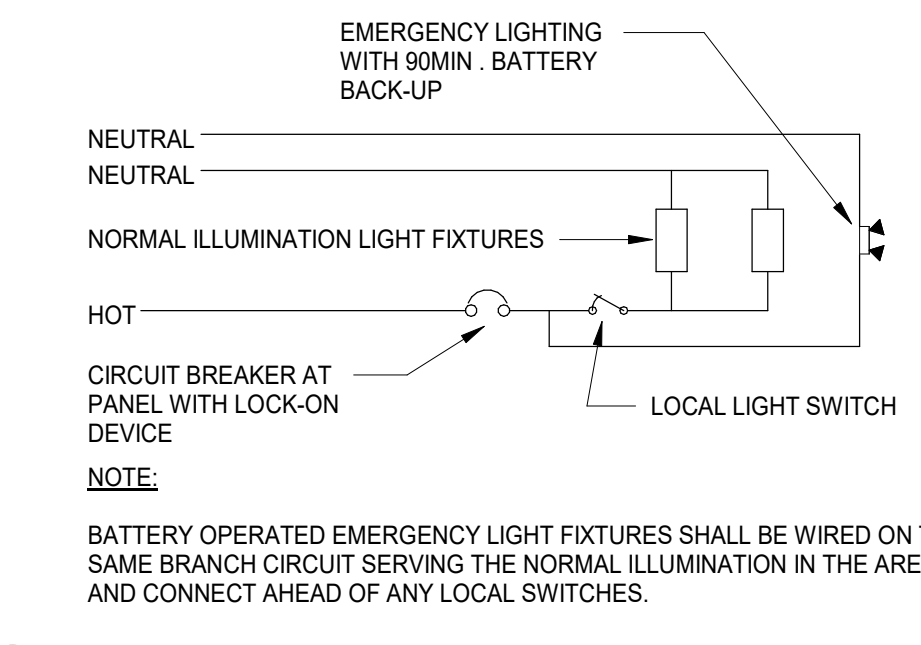
LIGHTING FIXTURE SCHEDULE

TYPE MARK	DESCRIPTION	MOUNTING	LAMP	WATTAGE	VOLTAGE	MANUFACTURER / CATALOG NUMBER	APPROVED EQUAL 1	APPROVED EQUAL 2	NOTES
F-1	LINEAR RECESSED SLOT/LED	RECESSED	LED	32 W	120V	MARK ARCHITECTURAL LIGHTING / SLAL-QS-LOP-4FT-FLP-TG-90CRI-SSK-800LPM-MIN1-120V-ZT	H.E. WILLIAMS L4 SERIES	NULITE REGOLO 4	RECESSED LINEAR LED, ACRYLIC LENSE, STANDARD DISTRIBUTION. REFER TO ARCHITECTURAL DRAWINGS FOR FINISH.
F-2	2X2 RECESSED DIREC-INDIRECT LED LIGHT FIXTURE	RECESSED	LED	39 W	120V	LITHONIA 2BL7/2BL72-40L-ADP-MVOLT-EZ1-LP935	FINLITE HPR	METALUX C2	COORDINATE TRMS, OPTIONS, MOUNTING HEIGHT AND FINISHES WITH THE ARCHITECT.
F-4	4" DOWNLIGHT CAN	RECESSED	LED	32 W	120V	GOTHAM 4 EVO / EVO-3530-4AR -MWD-LSS-MVOLT-EZ1	CONTECH RANC	USA1LRT04	PROVIDE DRYWALL FLANGE WHERE DRYWALL CEILING. REFER TO ARCHITECTURAL DRAWING FOR CEILING TYPES.
F-4B	4" DOWNLIGHT CAN	RECESSED	LED	32 W	120V	GOTHAM 4 EVO / EVO-3530-4AR -WDLSS-MVOLT-EZ1	CONTECH RANC	USA1LRT04	PROVIDE DRYWALL FLANGE WHERE DRYWALL CEILING. REFER TO ARCHITECTURAL DRAWING FOR CEILING TYPES.
F-6	SURFACE MOUNTED LINEAR LED	SURFACE	LED	36 W	120V	PRUDENTIAL LIGHTING S1LED35-SO-4-SAL-TMW-UNV-SUR-DM10	AXIS PRIME SQUARE	H.E. WILLIAMS LLM	8-10V DIMMING DRIVER. FINISH PER ARCHITECTS SELECTION. REFER TO ARCHITECTS DRAWING FOR EXACT LENGTH OF THE FIXTURE.
F-8	RECESSED WALL LED - SHIELDED	RECESSED	LED	37 W	120V	BEGA LIGHTING 22 267-UNV-10V-4000K-K4-BRZ			REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION OF THE FIXTURE.
F-9	WALL MOUNTED LED	WALL MOUNTED	LED	25 W	120V	LITHONIA LIGHTING WSTLED-P2-40K-MVOLT-PE-IPR-A103			FINISH PER ARCHITECTS SELECTION. REFER TO ARCHITECTS PLANS FOR EXACT MOUNTING LOCATION OF THE FIXTURE ON THE WALL. INBUILT OCCUPANCY SENSOR. A103
F-11	IN GROUND ADJUSTABLE LAMP	IN GROUND	LED	10 W	120V	BEGA LIGHTING 77 146 K45-TM-MVOLT-0-10V DIM4000K-90CRI			REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
F-12	CYLINDRICAL PENDANT DOWN LIGHT	PENDANT	LED	16 W	120V	V2 LIGHTING CORE 200 LX1 CZLP-R-V-200-98-35-40			40 DEGREE BEAM SPREAD PENDING. PROVIDE CORD, FINISH AND CORD COLOR PER ARCHITECTS SELECTION.
F-15	2X2 LOW PROFILE LED	RECESSED	LED	26 W	120V	LITHONIA / EPANL-2X2-4000 LUMENS-90CRI-SSK-3500K-MIN1-ZT-MVOLT	VENTURE LED	TRULY GREEN ECO PANEL	DRIVER TO BE 0-10V DIMMING.
F-18	SCIENCE/ART/CLASSROOM LINEAR PENDANT, DIRECT/INDIRECT DIMMABLE, DUAL CONTROL	PENDANT	LED	39 W	120V	AXIS BEAM 4 / BBDLED300P/7550DOWN-90-35-SO-4W-UNV-0P	WILLIAM MXMJD		DRIVER TO BE 0-10V DIMMING. FOR SUSPENSION LENGTH REFER TO ARCHITECTURAL DRAWINGS. VERIFY FIXTURE LENGTH WITH ARCHITECTS DRAWING PRIOR TO ORDER.
F19	2X4 RECESSED DIREC-INDIRECT LED LIGHT FIXTURE	RECESSED	LED			LITHONIA LIGHTING/2BL74-48L-4800 LUMENS-ADP-MVOLT-EZ1-LP935			COORDINATE TRMS, OPTIONS, MOUNTING HEIGHT AND FINISHES WITH THE ARCHITECT.
F20	HIGH BAY WITH NOMINAL 22 IN. DIA. PRISMATIC ACRYLIC REFRACTOR, BOTTOM DROP LENS, 25% UPLIGHT, AND INTERNAL DRIVER	PENDANT CEILING	LED	192 W	120V	KENALL / EPLB-22-E-PM-CA-XXX-132L-35K-0CC-V1			WHITE LED INTEGRAL SOURCE, 21000 LUMENS. FINISH PER ARCHITECT. CONFIRM PENDANT LENGTH WITH ARCHITECTS DRAWINGS. CONTRACTOR SHALL PROVIDE ALL NECESSARY MOUNTING HARDWARE.
F21	TRACK LIGHTING WITH ARTICULATING HEADS	TRACK MOUNTED	LED	11 W	120V	JUNO T26L TRAC HEAD T26L1-G1-3500K-90CRI-PDIM-NFL			DRIVER TO BE 0-10V DIMMING. FINISH PER ARCHITECTS SELECTION. PROVIDE JUNO TRACKS COMPATIBLE TO THIS FIXTURE HEADS. LENGTH PER ARCHITECTS DRAWINGS.
F23	BELARD REFRACTOR LED PENDANT MOUNTED	PENDANT	LED	70 W	120V	BELARD REFRACTOR 20 2270-TM-3500K-0-10V DM			FINISH PER ARCHITECTS DRAWINGS PROVIDE PENDANT MOUNTING ACCESSORIES. MOUNTING HEIGHT PER ARCHITECTS DRAWINGS. A103
F22A	SKYDOME LED	PENDANT	LED		120V	FSDL-4-(4'-0" LUMENS)-3500K-1C-UNV-L11			MOUNTING HEIGHT PER ARCHITECTURAL ELEVATIONS. FINISH PER ARCHITECTURAL REQUIREMENTS. PROVIDE PENDANT MOUNTING ACCESSORIES. A103
F22B	SKYDOME LED	PENDANT	LED		120V	FSDL-4-(4'-14" LUMENS)-3500K-1C-UNV-L11			MOUNTING HEIGHT PER ARCHITECTURAL ELEVATIONS. FINISH PER ARCHITECTURAL REQUIREMENTS. PROVIDE PENDANT MOUNTING ACCESSORIES. A103
EX1	LITHONIA LED EXIT SIGN LIGHT	RECESSED	LED	5 W	120V	LITHONIA/EDG EDGR -112-RMR-EL			CONTRACTOR TO COORDINATE SURFACE MOUNT EXIT SIGN REQUIREMENT. MINIMUM 90 MINUTE BATTERY BACK-UP OPTION. REFER TO DRAWINGS FOR SIDES AND CHEVRONS.

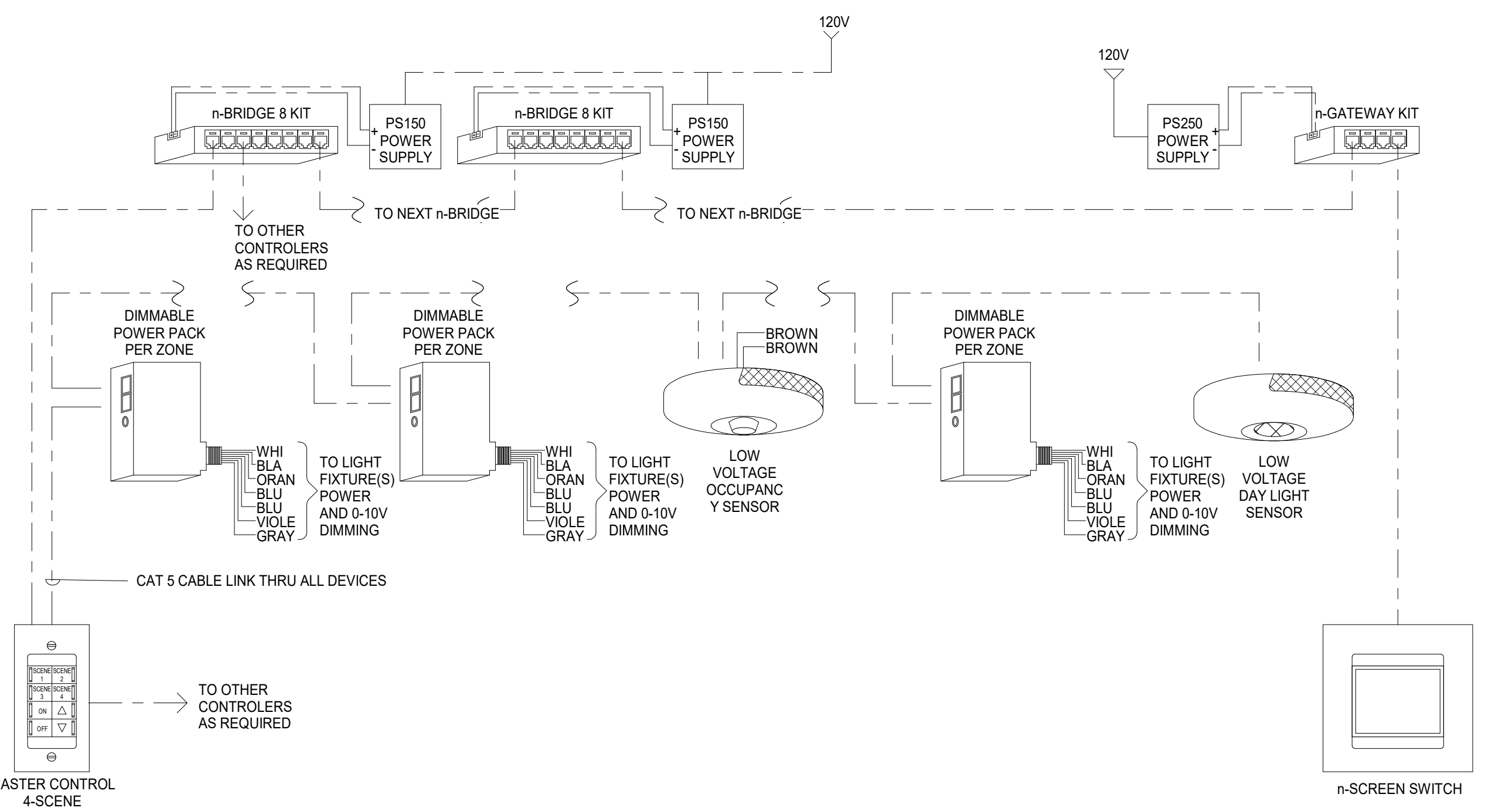
FIXTURE SCHEDULES GENERAL NOTES:
1. PROVIDE DRYWALL FLANGE KITS ON FIXTURE LOCATED IN GYPSUM CEILING OR HARD CEILING.
2. PROVIDE POWER PACK RELAYS FOR CONTROL SCENES. ALL THE DEVICES ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE PER MANUFACTURER REQUIREMENTS.
3. PROVIDE EMERGENCY POWER PACK RELAYS FOR ALL THE EMERGENCY CIRCUITED LIGHTS SO THAT THEY CAN BE CONTROLLED BY DIMMING AND GO TO 100% ON WHEN GENERATOR POWER IS ON.
4. FIXTURES LISTED IN THE SCHEDULE ARE BASIS OF DESIGN. ANY SUBSTITUTION SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER.
5. CONTRACTOR SHALL SEE ARCHITECTURAL DRAWINGS FOR HEIGHTS, LOCATIONS AND QUANTITIES. IF ANY CONFLICT, CONTRACTOR SHALL PROVIDE AND INSTALL PER ARCHITECTURAL DRAWINGS AND USE ELECTRICAL DRAWINGS FOR CIRCUITING / SWITCHING.
6. CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR CEILING TYPES. FIXTURES SHALL BE ORDERED WITH PROPER TRIM MATCHING THE CEILING TYPE.
7. ACUITY NIGHT CONTROL IS ONLY THE BASIS OF DESIGN. CONTRACTOR SHALL PROVIDE ALL REQUIRED PARTS NECESSARY FOR COMPLETE WORKING SYSTEM INCLUDING FACTORY SET UP AND OWNER TRAINING.
8. LIGHTING CONTROL DEVICES SHOWN ARE FOR GRAPHICAL PURPOSE ONLY. CONTRACTOR SHALL FOLLOW MANUFACTURER REQUIREMENTS, ADJUST SENSOR AS REQUIRED.
9. CONTINUOUS LINEAR FIXTURES SHALL HAVE CONTINUOUS LENSES. CONTRACTOR SHALL PROVIDE FACTORY SHOP DRAWINGS FOR EACH TYPE PRIOR TO ORDER.
10. ALL SWITCHES IN THE CORRIDOR SHALL BE KEVED TYPE.
11. EXTERIOR LIGHTS SHALL BE CONTROLLED THRU DAY LIGHT SENSOR AS WELL AS BUILDING TIME CLOCK.



1 LIGHT FIXTURE SUPPORT DETAIL
N.T.S.



3 EMERGENCY LIGHTING WIRING DETAIL
N.T.S.



2 N-LIGHT CONTROL-REFERENCE DETAIL
N.T.S.

LIGHTING CONTROL SYMBOL LEGEND

A ₁	nWSX PDT LV - WALL SWITCH DECORATOR SENSOR, PASSIVE INFRARED, LOW VOLTAGE
B ₁	nWSX PDT LV DX - WALL SWITCH DECORATOR SENSOR, DUAL TECHNOLOGY, DIMMING, LOW VOLTAGE
K ₁	nPOD KEY - KEVED WALL SWITCH, LOW VOLTAGE
D ₁	nPODM - 1 CHANNEL ON/OFF TOGGLE, LOW VOLTAGE
D ₂	nPODM DX - 1 CHANNEL ON/OFF TOGGLE WITH DIMMING, LOW VOLTAGE
D ₃	nPODM 2S DX - 2 CHANNEL ON/OFF TOGGLE WITH DIMMING, LOW VOLTAGE
D ₄	nPODM 4S DX - 4 CHANNEL ON/OFF TOGGLE WITH DIMMING, LOW VOLTAGE
OS	nGWY2 L400 KIT WITH nGWY2 CTRL L400 UNIT, nGATEWAY 2 GFX, PS200 (250MA POWER SUPPLY), SENSORVIEW SOFTWARE
PRP16	nPP16 - POWER/RELAY PACK: 16A 120/277VAC
PRP16 D	nPP16 D - POWER/RELAY PACK: 16A 120/277VAC WITH 0-10VDC DIMMING
PRP16 (D) ER	nPP16 (D) ER - EMERGENCY POWER/RELAY PACK: 16A 120/277VAC WITH 0-10VDC DIMMING
PRP16 P	nSPS PCD - SECONDARY POWER/RELAY PACK: 16A 120/277VAC, TYPE(S): 2-WIRE, 3-WIRE, MAGNETIC, LOW OR ELECTRONIC, LOW VOLTAGE (120V) DIMMING
OS A	nCM PDT 9 R-RB - SMALL MOTION 360 SENSOR, CEILING MOUNT REAR RJ-45 PORT, DUAL TECHNOLOGY (PDT), LOW VOLTAGE
OS B	nCM PDT 10 R-B - LARGE MOTION 360 SENSOR, CEILING MOUNT REAR RJ-45 PORT, DUAL TECHNOLOGY (PDT), LOW VOLTAGE
OS C	nCM 6 R-B - HIGH MOUNT 360 SENSOR, CEILING MOUNT REAR RJ-45 PORT, LOW VOLTAGE
OS D	nCM PDT 9 R-B ADX - SMALL MOTION 360 SENSOR, CEILING MOUNT REAR RJ-45 PORT, DUAL TECHNOLOGY, LOW VOLTAGE, AUTO DIMMING CONTROL
OS DX	nCM PDT 10 R-B ADX - LARGE MOTION 360 SENSOR, CEILING MOUNT REAR RJ-45 PORT, DUAL TECHNOLOGY, LOW VOLTAGE, AUTO DIMMING CONTROL
OS E	nWV PDT 16 KIT - 120V WIDE VIEW SENSOR, DUAL TECHNOLOGY, LOW VOLTAGE WITH WV BRACKET
OS F	nCM ACX RB - DAY LIGHT SENSOR ONLY, AUTO DIMMING CONTROL, CEILING MOUNT, REAR RJ-45 PORT, LOW VOLTAGE
PAR 40	nAR40 AUXILIARY RELAY PACK
TS	nLIGHT N-VV PDT 16 KIT, LOW VOLTAGE CORNER MOUNT SENSOR, PASSIVE DUAL TECHNOLOGY, 16 KIT
TS	nLIGHT UN TOUCH SCREEN WALL SWITCH
TS	nPAD TOUCH WH (PROVIDE 120V POWER SUPPLY)

NOTE: POWER PACKS AND RELAYS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE PER MANUFACTURER REQUIREMENTS.
NOTE: POWER PACKS AND RELAYS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE PER MANUFACTURER REQUIREMENTS.

n-LIGHT CONTROL SYSTEM LEGEND

4	N.T.S.
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NOTES:
1. DETAILS SHALL BE USED AS GUIDE LINE PURPOSE.
2. NIGHT SYSTEM IS BASES OF DESIGN. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED PARTS PER DESIGN INTENT AND MANUFACTURER REQUIREMENTS.
3. DESIGN INTENT AND SWITCHING AND SENSORS SHOWN IN THE LIGHTING PLAN. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH ALL REQUIRED PARTS. INITIAL BIDDING SHALL INCLUDE ALL MATERIAL AND LABOR COST.
4. CONTRACTOR SHALL PROVIDE 120V OR 277V POWER TO ALL NETWORKING DEVICES WHERE REQUIRED BY MANUFACTURER.
5. SYSTEM SHALL BE TESTED, CALIBRATED, AND COMMISSIONED.
6. FINAL LIGHTING LEVEL AND SCENE SHALL BE SET WITH ARCHITECT AND OWNER. CONTRACTOR SHALL MAKE SUCH ARRANGEMENT.

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A10.3	BID GROUP 10-ADDENDUM #1	01.16.2020
	ISSUED FOR BID - BID GROUP 10	11.16.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
A7.2	BID GROUP 7 ADDENDUM#2	07.16.2019
	ISSUE	DATE

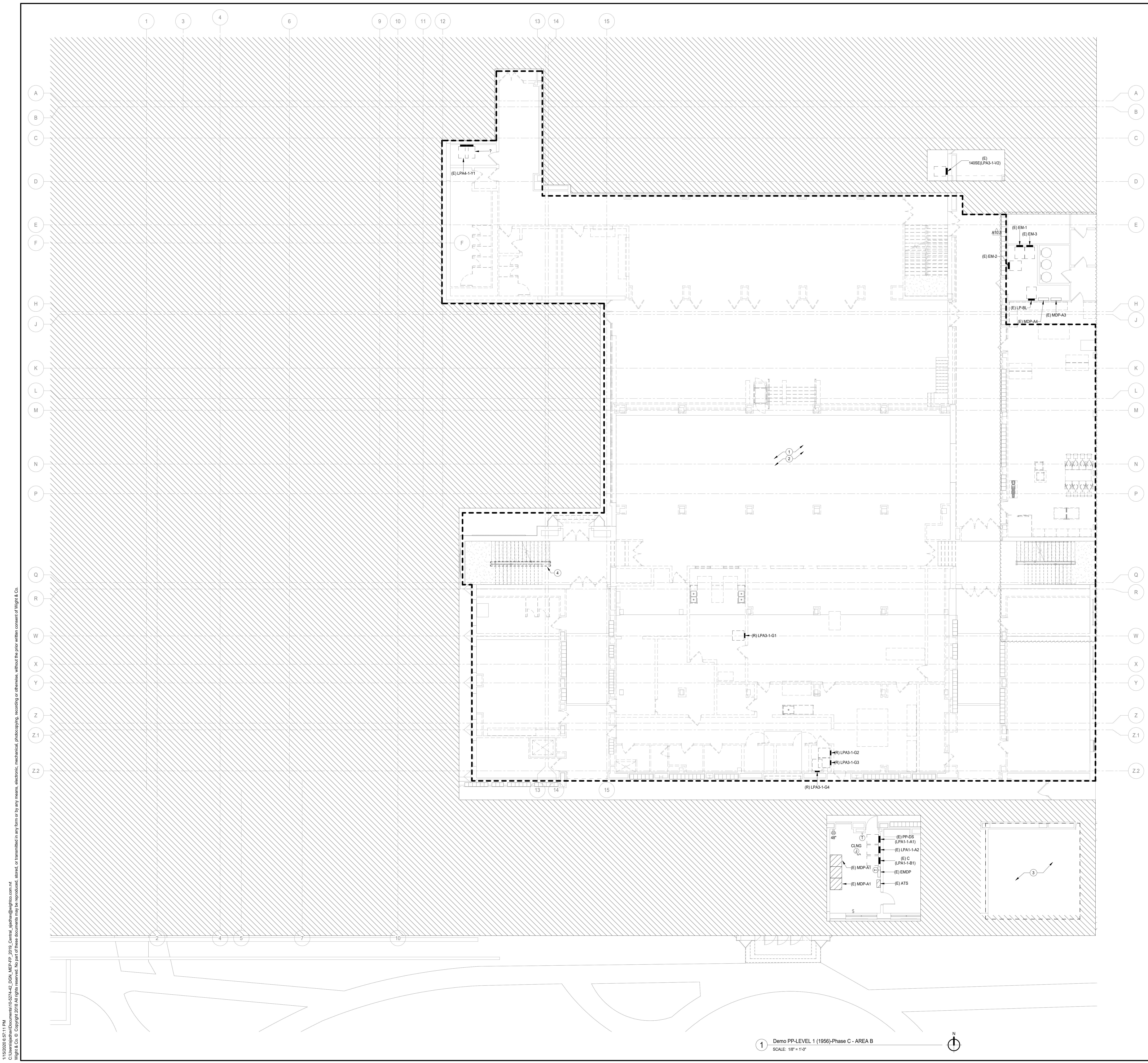
MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

LIGHTING SCHEDULES AND DETAILS

Project Number:
5274-42
Drawn By:
Author
Sheet:

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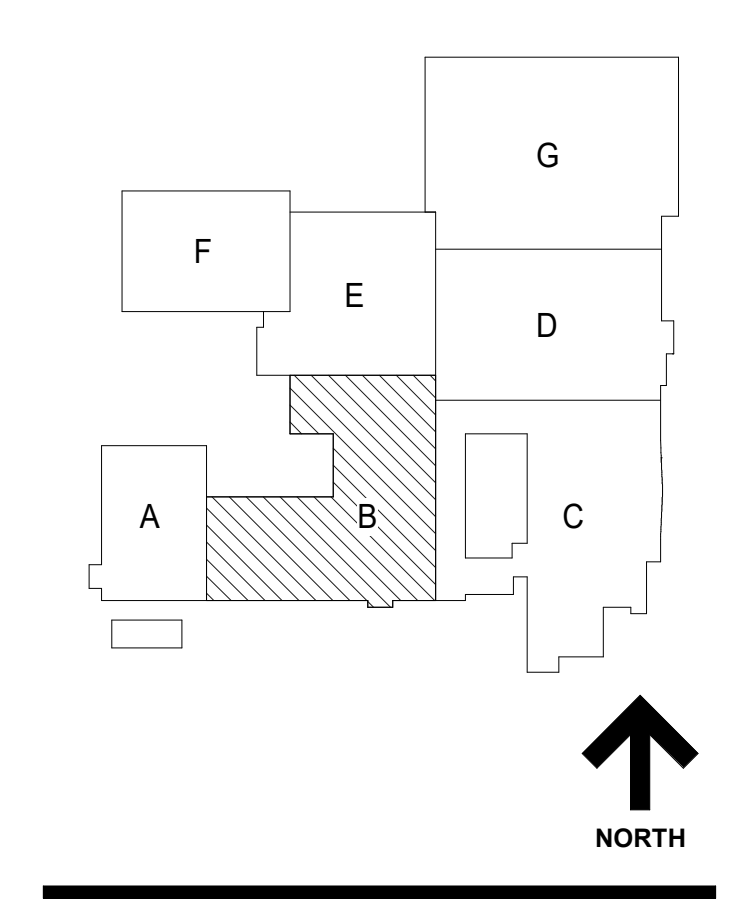


- GENERAL NOTES-DEMOLITION PLANS**
- THESE NOTES ARE APPLICABLE TO ALL DEMOLITION PLANS.
 - SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF CONSTRUCTION.
 - ALL INDICATED ELECTRICAL EQUIPMENT, FIXTURES, DEVICES AND RELATED CONDUIT AND WIRING TO BE REMOVED UNLESS NOTED OTHERWISE.
 - DEMOLITION OF THE ELECTRICAL SYSTEM AS NOTED ON THE DEMOLITION DRAWINGS SHALL BE COORDINATED WITH THE RENOVATION REQUIREMENTS TO DETERMINE THIS CONTRACTOR'S WORK.
 - IT IS THE INTENT OF THE ELECTRICAL DEMOLITION DRAWINGS TO INDICATE AREAS IN WHICH ELECTRICAL EQUIPMENT, CONDUIT, LIGHTING FIXTURES, DEVICES, ETC. NEED TO BE REMOVED, RELOCATED, OR MODIFIED BY THIS CONTRACTOR TO ALLOW FOR THE RENOVATION PHASE OF CONSTRUCTION. THE ELECTRICAL DEMOLITION PLAN IS FOR REFERENCE PURPOSES ONLY AND IT IS NOT INTENDED TO BE THE SOLE SOURCE OF EXISTING CONDITIONS.
 - THIS CONTRACTOR SHALL VISIT THE BUILDING, BEFORE SUBMITTING HIS BID, TO VERIFY THE EXISTING CONDITIONS WHICH WILL AFFECT HIS WORK.
 - THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE ELECTRICAL DEMOLITION REQUIRED TO ACCOMMODATE THE RENOVATION. REMOVE AS REQUIRED ALL LIGHTING FIXTURES, RECEPTACLES, EQUIPMENT, DEVICES, ETC. PULL OUT ALL UNUSED CONDUCTORS AND CABLES AND REMOVE ALL ABANDONED CONDUIT. ELECTRICALLY DISCONNECT AIR HANDLING UNITS, ELECTRIC WATER HEATERS, AND OTHER SUCH EQUIPMENT FOR REMOVAL BY OTHERS.
 - REFER TO MECHANICAL AND PLUMBING DEMOLITION DRAWINGS FOR ALL MECHANICAL EQUIPMENT THAT IS TO BE ELECTRICALLY DISCONNECTED OR REMOVED.
 - WHERE EXISTING CEILING IS TO BE REPLACED IN AREAS, EXISTING LIGHTING TO BE REMOVED AND REINSTALLED IN NEW CEILING WHERE AFFECTED BY NEW WORK.
 - DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALLS TO BE DEMOLISHED ARE SHOWN DASHED. DISCONNECT AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO LAST REMAINING DEVICE. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF CIRCUITS TO ANY EXISTING DEVICES TO REMAIN. COORDINATE AND VERIFY REQUIREMENTS WITH NEW WORK IN AREA.
 - FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS DATA EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
 - DISCONNECT AND REMOVE LIGHT SWITCHES IN DEMOLITION AREAS AS NECESSARY TO ACCOMMODATE NEW DOOR CONFIGURATIONS.
 - DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL DEVICES AND BACK BOXES AS NECESSARY WHERE NEW WALL CONSTRUCTION WILL INTERSECT AN EXISTING WALL.
 - FURNISH AND INSTALL CONDUITS AND WIRES AS REQUIRED FOR CONTINUITY OF CIRCUITS.
 - FURNISH AND INSTALL BLANK COVER PLATES OVER ALL EXISTING UNUSED OPENINGS.
 - THE OWNER SHALL HAVE FULL SALVAGE RIGHTS OVER ANY ELECTRICAL DEVICES THAT ARE SCHEDULED TO BE DEMOLISHED. COORDINATE WITH OWNER REPRESENTATIVE. SELECTIVE SALVAGEABLE MATERIALS (SUCH AS GENERATOR, HEADENDS, ETC.) SHALL BE TURNED OVER TO OWNER, DISPOSABLE AND AMONG OTHER GARBAGE MATERIALS SHALL BE REMOVED FROM SITE.
 - ALL EXISTING SECURITY EQUIPMENT SHOWN TO BE REMOVED SHALL BE REMOVED, PROTECTED FROM DAMAGE, AND TURNED OVER TO THE OWNER.
 - DEMOLITION CONSTRUCTION DOCUMENTS INDICATE THE OVERALL AREAS OF DEMOLITION WORK; HOWEVER, INCIDENTAL ASSOCIATED WORK MAY NOT BE SHOWN BUT MAY BE REQUIRED TO COMPLETE NEW WORK. CONTRACTOR IS TO INCLUDE ALL DEMOLITION WORK NECESSARY TO INSTALL THE SCOPE OF THE NEW WORK.

- KEYNOTES**
- ALL ELECTRICAL FIXTURES AND DEVICES WIRINGS AND CONDUITS AFFECTED BY DEMOLITION SHALL BE REMOVED.
 - ALL EXISTING LIGHT FIXTURES AND ASSOCIATED WIRINGS, CONDUITS AND JUNCTION BOXES AFFECTED BY DEMOLITION SHALL BE REMOVED. EXISTING LIGHTING CIRCUITS IN THIS AREA SHALL BE REUTILIZED TO POWER NEW LIGHT FIXTURES.
 - DISCONNECT AND REMOVE EXISTING JUNCTION BOX AND FEED TO EXISTING PANEL MDP-A3 AS IT IS GETTING REFEED FROM MDP-A1.
 - DISCONNECT ELECTRICAL POWER CONNECTION TO THE EXISTING CHAIR LIFT GETTING REFEED. PULL THE CIRCUITS ALONG WITH CABLES AND CONDUIT TO THE SOURCE AND IDENTIFY AS SHOWN. SHUT OFF THE CIRCUIT BREAKER.

DEMOLITION SHEET NOTE:
REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXACT EXTENTS OF DEMOLITION FOR THIS PHASE. ANY AREAS AFFECTING ELECTRICAL SCOPE OF DEMOLITION WORK NEED TO BE INCLUDED IN THIS PHASE. COORDINATE DEMO WITH OTHER TRADES AND OWNER PRIOR TO START. THIS IS FOR ALL THE DEMOLITION WORK INCLUDING POWER AND LIGHTING FOR THIS PROJECT.

DEMOLITION LEGEND	
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED



NOT FOR CONSTRUCTION

A10.3 BID GROUP 10-ADDENDUM #3	01.16.2020
ISSUED FOR BID - BID GROUP 10	11.19.2019
ISSUED FOR 90% CD - PHASE C	11.01.2019
ISSUED FOR 75% CD - PHASE C	10.14.2019
ISSUED FOR 50% CD - PHASE C	10.02.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

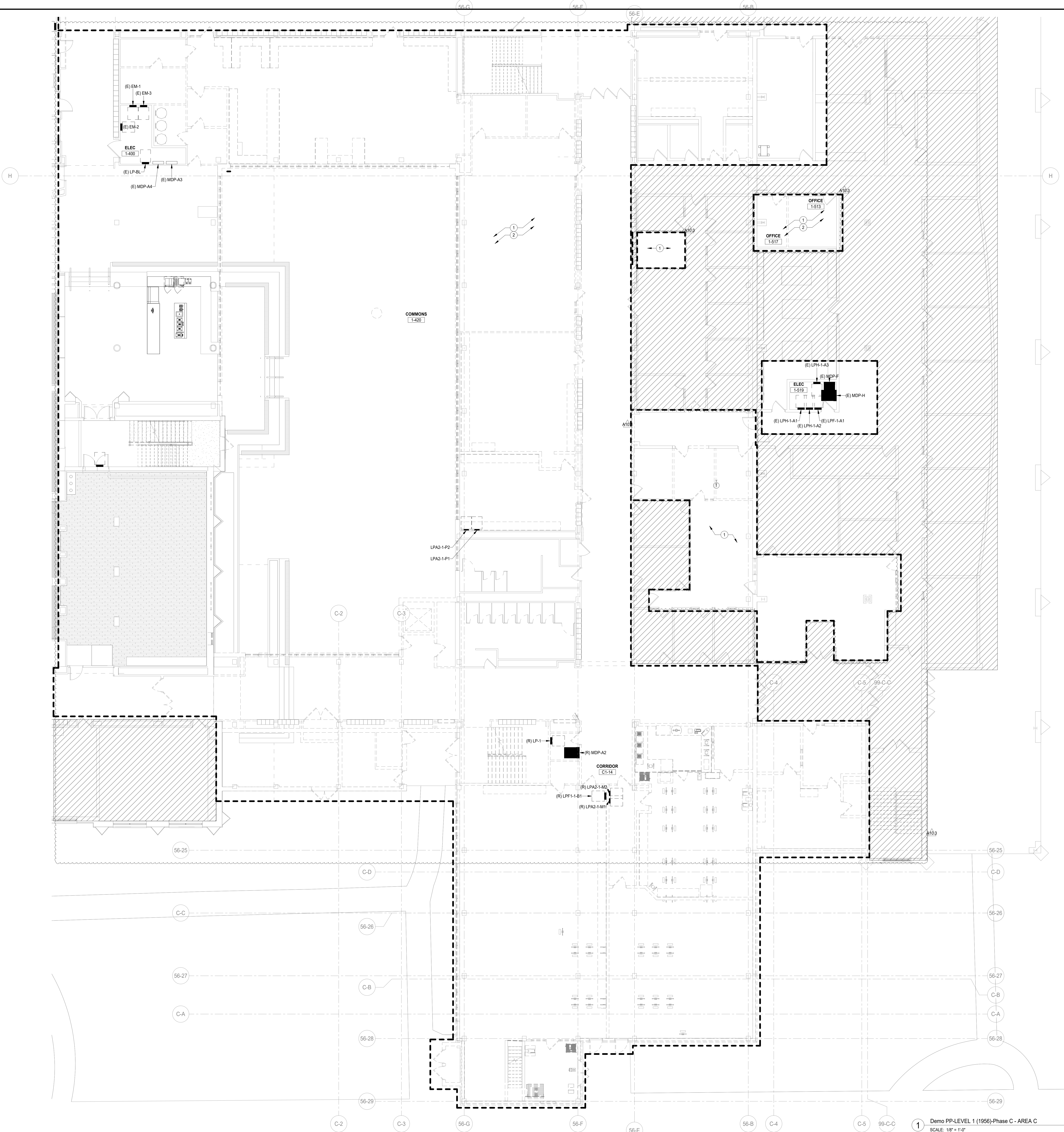
LEVEL 1 ELECTRICAL DEMOLITION PLAN AREA B (PHASE C)

Project Number:
5274-42
Drawn By:
Author
Sheet:

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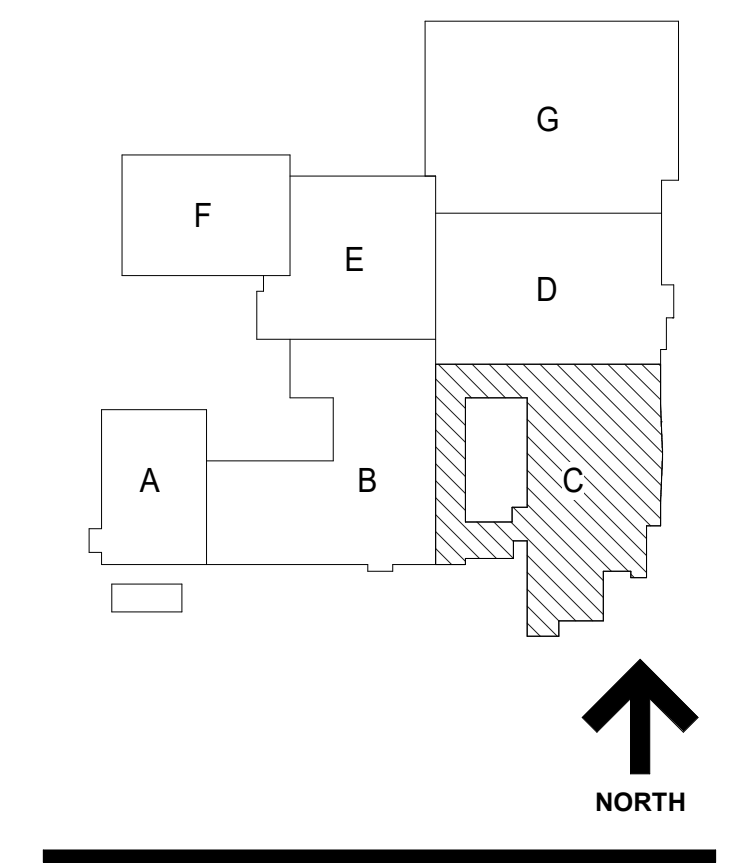
1 Demo PP-LEVEL 1 (1956)-Phase C - AREA B
SCALE: 1/8" = 1'-0"



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A10.3 BID GROUP 10-ADDENDUM #3	01.16.2020
ISSUED FOR BID - BID GROUP 10	11.19.2019
ISSUED FOR 90% CD - PHASE C	11.01.2019
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ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE

MFP IMPLEMENTATION - NORTH

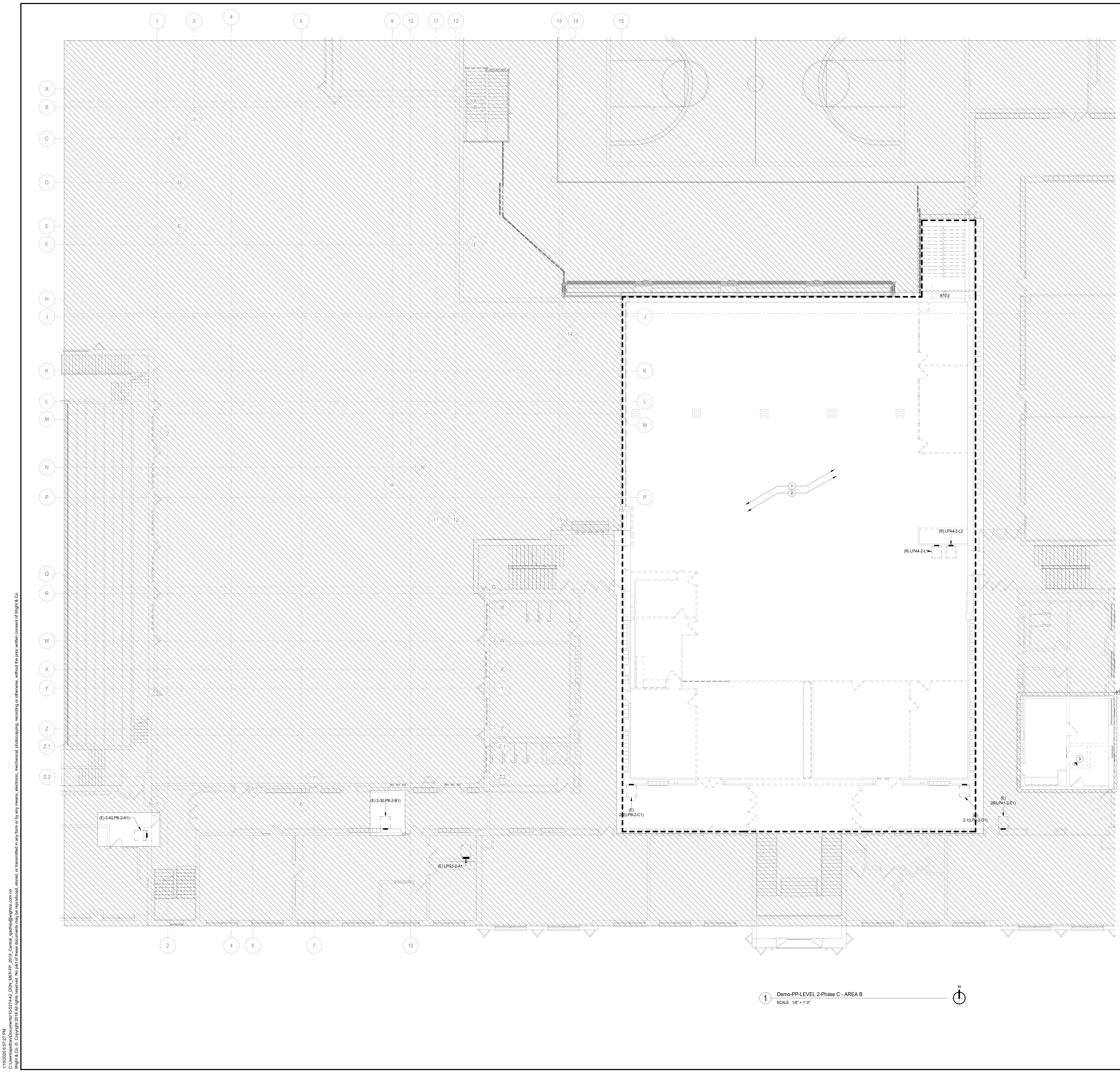
4436 MAIN STREET
 DOWNERS GROVE, IL 60515

LEVEL 1 ELECTRICAL DEMOLITION PLAN AREA C (PHASE C)

Project Number:
 5274-42
 Drawn By:
 Author
 Sheet:

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 - DISCONNECT AND REMOVE EXISTING HVAC EQUIPMENT GETTING DEMO. PULL CIRCUIT BACK TO THE SOURCE AND TIEOFF AS SPARE.

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DEMOLITION LEGEND	
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(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

COMMUNITY HIGH SCHOOL DISTRICT 99

Wight

Wight & Company
 wightco.com
 2500 North Frontage Road
 Darien, IL 60661
 P 630.969.7000
 F 630.969.7979

NORTH

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A10.3	BID GROUP 10-ADDENDUM #3	01.16.2020
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
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REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
 DOWNERS GROVE, IL 60515

LEVEL 2 ELECTRICAL DEMOLITION PLAN AREA B (PHASE C)

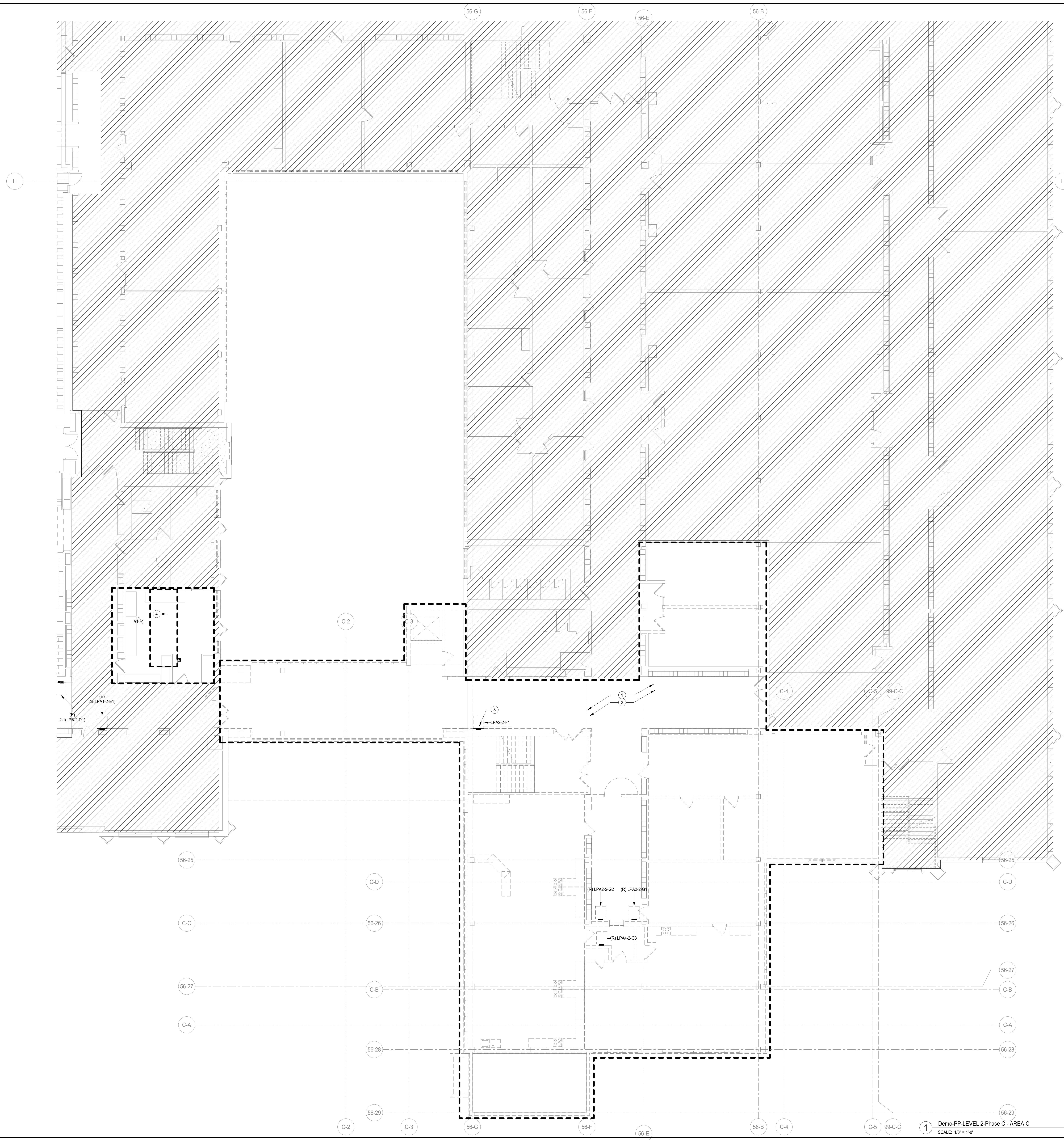
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 5274-42
 Drawn By:
 Author
 Sheet:

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1 Demo-PP-LEVEL 2-Phase C - AREA B
 SCALE: 1/8" = 1'-0"

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 3. DISCONNECT AND REMOVE EXISTING PANEL LPA2-2-F1. EXISTING FEEDS AND BRANCHED CIRCUITS TO REMAIN AND TO BE RECONNECTED TO THE NEW PANEL IN THE SAME LOCATION ALONG WITH THE CONTRACTOR PER NEW PLANS.
 4. EXISTING COPPER MACHINE IS GETTING RELOCATED TO THE NORTH WALL. INTERCEPT AND EXTEND EXISTING POWER CONNECTION ALONG WITH CABLES AND CONDUITS TO THE NEW LOCATION. PER NEW PLANS.

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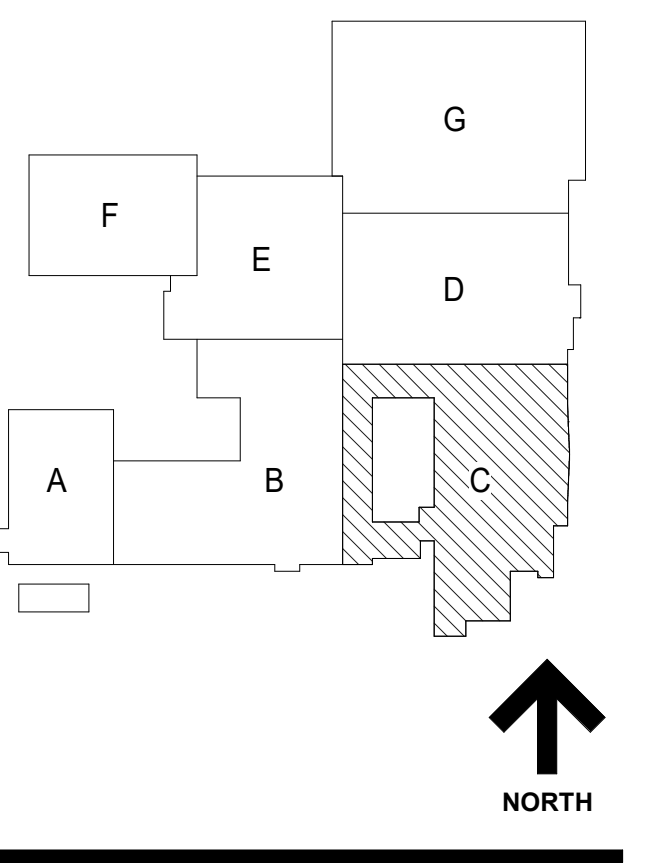
DEMOLITION LEGEND	
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COMMUNITY HIGH SCHOOL
DISTRICT 99



Wight & Company
wightco.com
2500 North Frontage Road
Danier, IL 60661
P 630.969.7000
F 630.969.7979



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REV	DATE
A10.1	BID GROUP 10-ADDENDUM #1
	ISSUED FOR BID - BID GROUP 10
	ISSUED FOR 90% CD - PHASE C
	ISSUED FOR 75% CD - PHASE C
	ISSUED FOR 50% CD - PHASE C
	ISSUED FOR 25% CD - PHASE C

MFP IMPLEMENTATION - NORTH

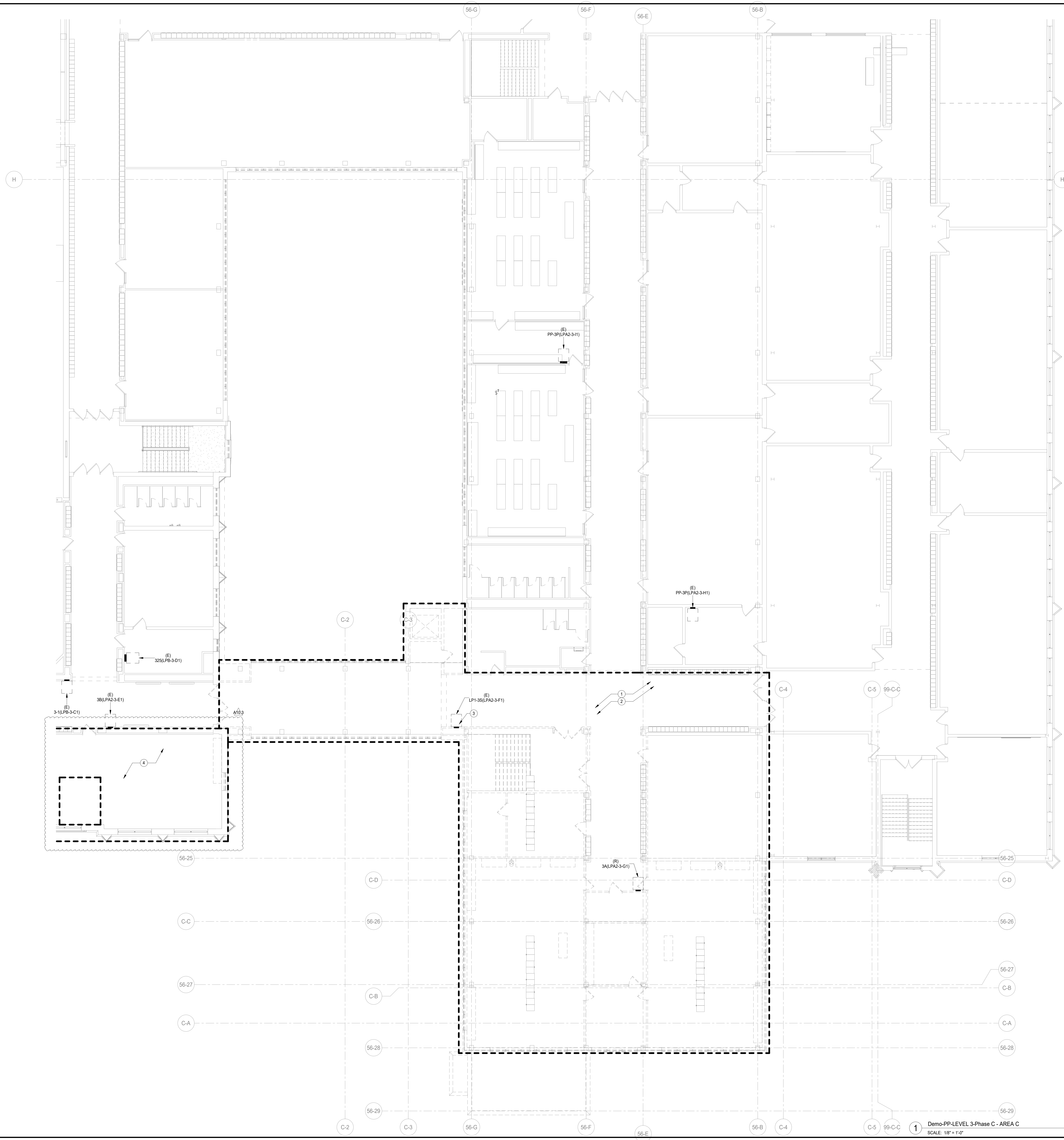
4436 MAIN STREET
DOWNERS GROVE, IL 60515

LEVEL 2 ELECTRICAL DEMOLITION PLAN AREA C (PHASE C)

Project Number:
5274-42
Drawn By:
Author
Sheet:

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18. DEMOLITION CONSTRUCTION DOCUMENTS INDICATE THE OVERALL AREAS OF DEMOLITION WORK. HOWEVER, INCIDENTAL ASSOCIATED WORK MAY NOT BE SHOWN BUT MAY BE REQUIRED TO COMPLETE NEW WORK. CONTRACTOR IS TO INCLUDE ALL DEMOLITION WORK NECESSARY TO INSTALL THE SCOPE OF THE NEW WORK.

- # KEYNOTES
1. ALL ELECTRICAL FIXTURES AND DEVICES WIRINGS AND CONDUITS AFFECTED BY DEMOLITION SHALL BE REMOVED.
 2. ALL EXISTING LIGHT FIXTURES AND ASSOCIATED WIRINGS, CONDUITS AND JUNCTION BOXES AFFECTED BY DEMOLITION SHALL BE REMOVED. EXISTING LIGHTING CIRCUITS IN THIS AREA SHALL BE REUTILIZED TO POWER NEW LIGHT FIXTURES.
 3. DISCONNECT AND REMOVE EXISTING PANEL LP2-3-F1. EXISTING FEEDS AND BRANCHED CIRCUITS TO REMAIN AND TO BE RECONNECTED TO THE NEW PANEL IN THE SAME LOCATION ALONG WITH THE CONTRACTOR PER NEW PLANS.
 4. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXACT EXTENTS OF DEMOLITION FOR THIS PHASE. ANY AREAS AFFECTING ELECTRICAL SCOPE OF DEMOLITION WORK NEED TO BE INCLUDED IN THIS PHASE. COORDINATE DEMO WITH OTHER TRADES AND OWNER PRIOR TO START. THIS IS FOR ALL THE DEMOLITION WORK INCLUDING POWER AND LIGHTING FOR THIS PROJECT.

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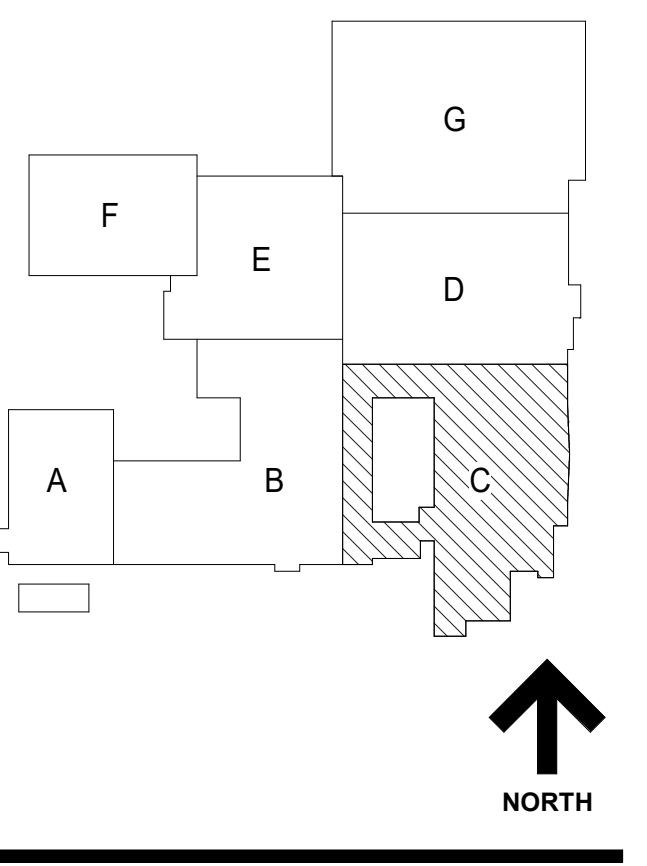
DEMOLITION LEGEND	
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

COMMUNITY HIGH SCHOOL
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 2500 North Frontage Road
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A10.3 BID GROUP 10-ADDENDUM #3	01.16.2020
ISSUED FOR BID - BID GROUP 10	11.19.2019
ISSUED FOR 90% CD - PHASE C	11.01.2019
ISSUED FOR 75% CD - PHASE C	10.14.2019
ISSUED FOR 50% CD - PHASE C	10.02.2019
ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	DATE

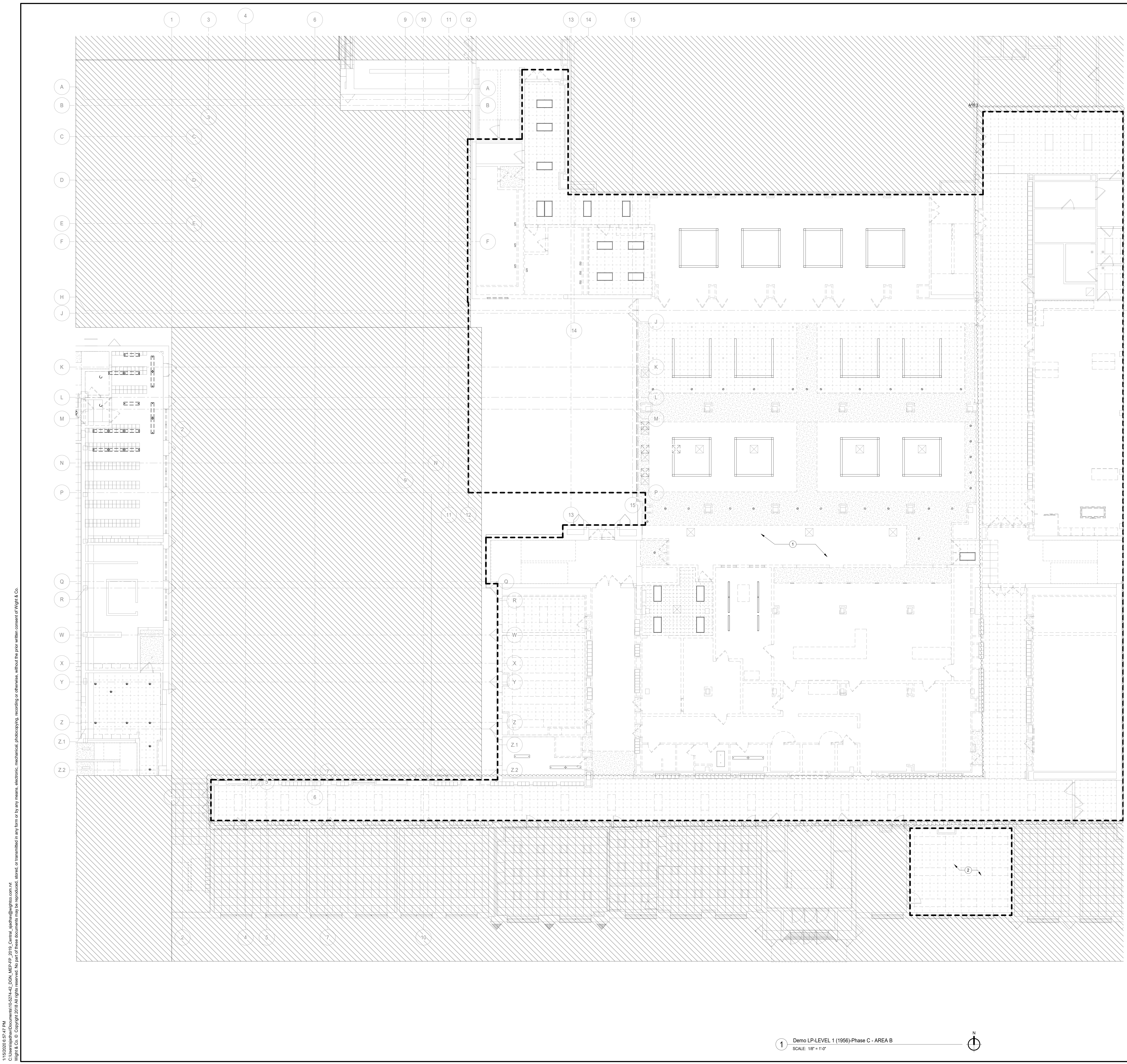
MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
 DOWNERS GROVE, IL 60515

LEVEL 3 ELECTRICAL DEMOLITION PLAN AREA C (PHASE C)

Project Number:
 5274-42
 Drawn By:
 Author
 Sheet

ED2.03C.c



GENERAL NOTES-DEMOLITION PLANS

1. THESE NOTES ARE APPLICABLE TO ALL DEMOLITION PLANS.
2. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.
3. ALL INDICATED ELECTRICAL EQUIPMENT, FIXTURES, DEVICES AND RELATED CONDUIT AND WIRING TO BE REMOVED UNLESS NOTED OTHERWISE.
4. DEMOLITION OF THE ELECTRICAL SYSTEM AS NOTED ON THE DEMOLITION DRAWINGS SHALL BE COORDINATED WITH THE RENOVATION REQUIREMENTS TO DETERMINE THIS CONTRACTOR'S WORK.
5. IT IS THE INTENT OF THE ELECTRICAL DEMOLITION DRAWINGS TO INDICATE AREAS IN WHICH ELECTRICAL EQUIPMENT, CONDUIT, LIGHTING FIXTURES, DEVICES, ETC. NEED TO BE REMOVED, RELOCATED, OR MODIFIED BY THIS CONTRACTOR TO ALLOW FOR THE RENOVATION PHASE OF CONSTRUCTION. THE ELECTRICAL DEMOLITION PLAN IS FOR REFERENCE PURPOSES ONLY AND IT IS NOT INTENDED TO BE THE SOLE SOURCE OF EXISTING CONDITIONS.
6. THIS CONTRACTOR SHALL VISIT THE BUILDING, BEFORE SUBMITTING HIS BID, TO VERIFY THE EXISTING CONDITIONS WHICH WILL AFFECT HIS WORK.
7. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE ELECTRICAL DEMOLITION REQUIRED TO ACCOMMODATE THE RENOVATION. REMOVE AS REQUIRED ALL LIGHTING FIXTURES, RECEPTACLES, EQUIPMENT, DEVICES, ETC. PULL OUT ALL UNUSED CONDUCTORS AND CABLES AND REMOVE ALL ABANDONED CONDUIT. ELECTRICALLY DISCONNECT AIR HANDLING UNITS, ELECTRIC WATER HEATERS, AND OTHER SUCH EQUIPMENT FOR REMOVAL BY OTHERS.
8. REFER TO MECHANICAL AND PLUMBING DEMOLITION DRAWINGS FOR ALL MECHANICAL EQUIPMENT THAT IS TO BE ELECTRICALLY DISCONNECTED OR REMOVED.
9. WHERE EXISTING CEILING IS TO BE REPLACED IN AREAS, EXISTING LIGHTING TO BE REMOVED, OTHER CEILING MOUNTED ELECTRICAL DEVICES TO BE REMOVED AND REINSTALLED IN NEW CEILING WHERE AFFECTED BY NEW WORK.
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12. DISCONNECT AND REMOVE LIGHT SWITCHES IN DEMOLITION AREAS AS NECESSARY TO ACCOMMODATE NEW DOOR CONSTRUCTION.
13. DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL DEVICES AND BACK BOXES AS NECESSARY WHERE NEW WALL CONSTRUCTION WILL INTERSECT AN EXISTING WALL.
14. FURNISH AND INSTALL CONDUITS AND WIRES AS REQUIRED FOR CONTINUITY OF CIRCUIT(S).
15. FURNISH AND INSTALL BLANK COVER PLATES OVER ALL EXISTING UNUSED OPENINGS.
16. THE OWNER SHALL HAVE FULL SALVAGE RIGHTS OVER ANY ELECTRICAL DEVICES THAT ARE SCHEDULED TO BE DEMOLISHED. COORDINATE WITH OWNER REPRESENTATIVE. SELECTIVE SALVAGEABLE MATERIALS (SUCH AS GENERATOR, HEADEND EQUIPMENT, LIGHT FIXTURES, ETC.) SHALL BE TURNED OVER TO OWNER, DISPOSABLE AND AMONG OTHER GARBAGE MATERIALS SHALL BE REMOVED FROM SITE.
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#	KEY NOTES	CONTROL
1	DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS. PULL THE CIRCUITS BACK TO THE SOURCE ALONG WITH CABLES AND CONDUITS AND BENTRY AS SPARE. COORDINATE EXACT EXTENTS OF DEMOLITION WITH THE ARCHITECTS DRAWINGS PRIOR TO START.	A10.1
2	DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS. A10.1 EXISTING NORMAL AND EMERGENCY LIGHTING BRANCHED CIRCUITS TO BE REUSED TO POWER NEW LIGHTS PER NEW PLANS. VERIFY IN THE FIELD.	A10.1

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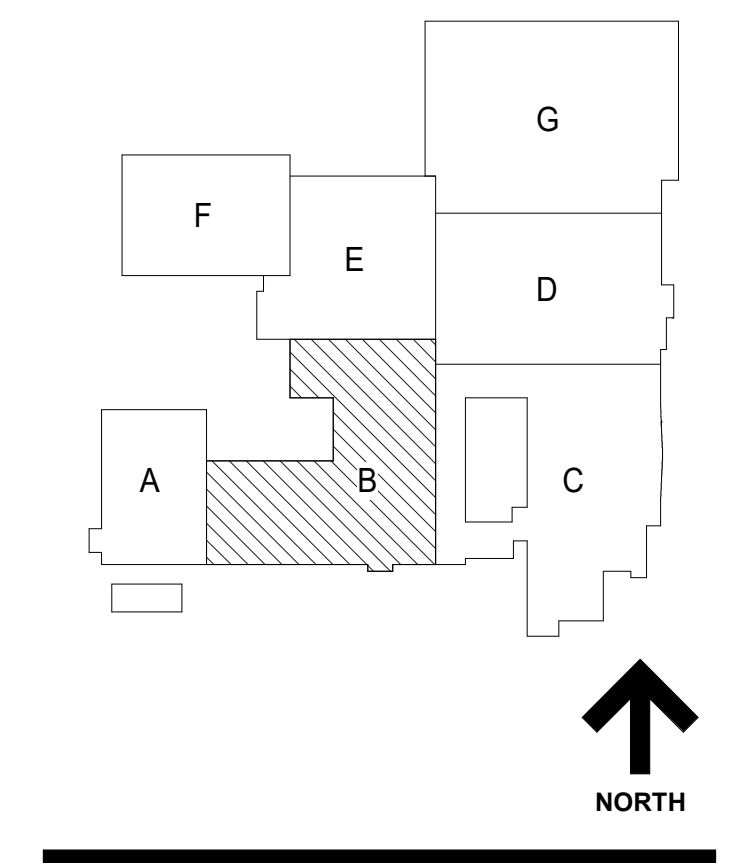
DEMOLITION LEGEND	
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

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DISTRICT 99

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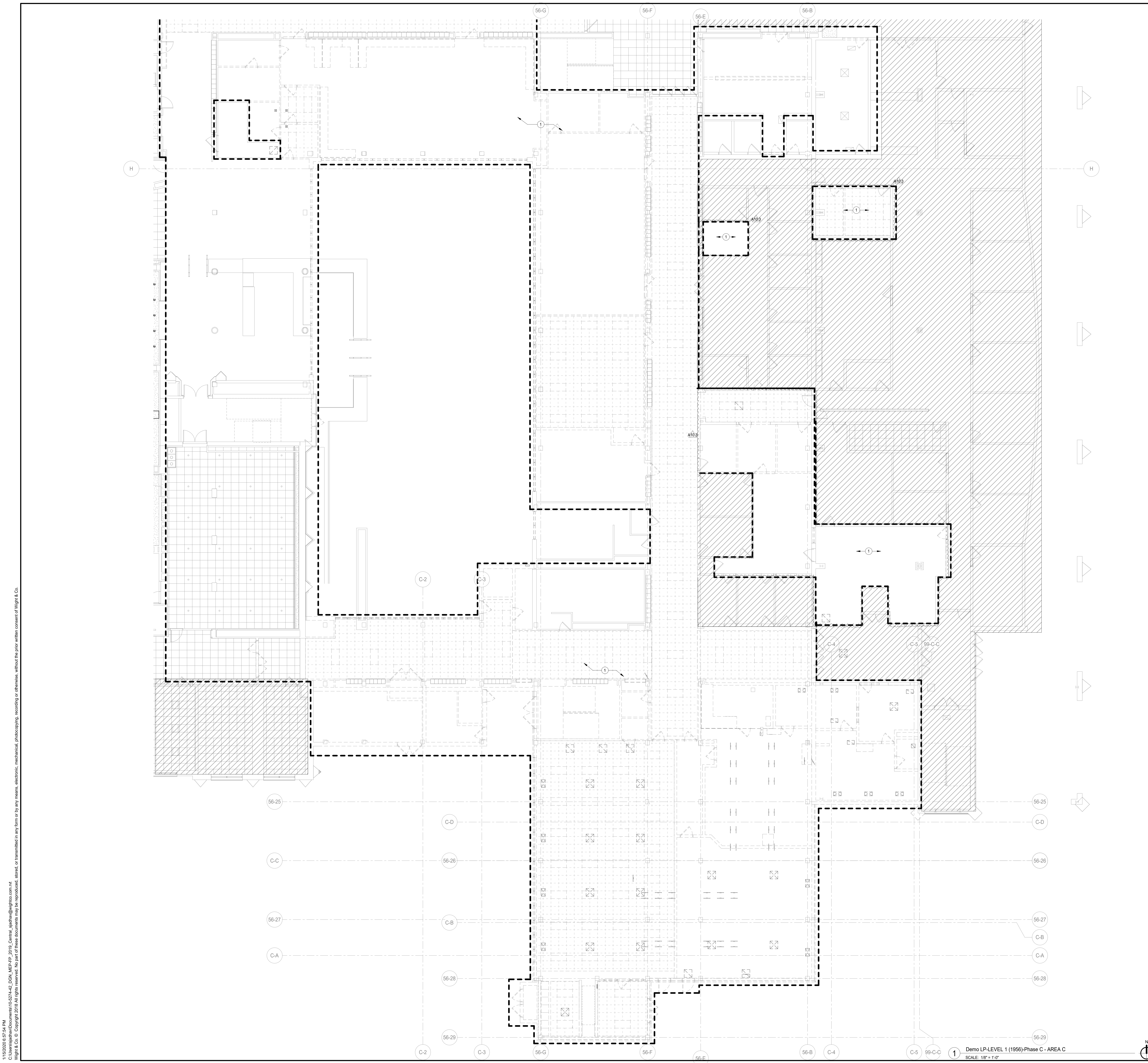
A10.3	BID GROUP 10-ADDENDUM #3	01.16.2020
A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 50% CD - PHASE C	10.02.2019
	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET
DOWNERS GROVE, IL 60515

LEVEL 1 ELECTRICAL DEMOLITION LIGHTING PLAN AREA B (PHASE C)

Project Number:
5274-42
 Drawn By:
Author
 Sheet:
ED3.01B.c



GENERAL NOTES-DEMOLITION PLANS

1. THESE NOTES ARE APPLICABLE TO ALL DEMOLITION PLANS.
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KEY NOTES A10.1

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS. PULL THE CIRCUITS BACK TO THE SOURCE ALONG WITH CABLES AND CONDUITS AND IDENTIFY AS SHOWN. COORDINATE THE EXACT EXTENS OF DEMOLITION WITH THE ARCHITECTURAL DRAWINGS PRIOR TO START.

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DEMOLITION LEGEND

(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

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DISTRICT 99**

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A10.3 BID GROUP 10-ADDENDUM #3 01.16.2020
A10.1 BID GROUP 10-ADDENDUM #1 12.30.2019
ISSUED FOR BID - BID GROUP 10 11.19.2019
ISSUED FOR 90% CD - PHASE C 11.01.2019
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ISSUED FOR 25% CD - PHASE C 08.30.2019

REV	DATE	ISSUE

**MFP
IMPLEMENTATION -
NORTH**

4436 MAIN STREET
DOWNERS GROVE, IL 60515

**LEVEL 1 ELECTRICAL
DEMOLITION LIGHTING
PLAN AREA C (PHASE C)**

Project Number:
5274-42
Drawn By:
Author:
Sheet:
ED3.01C.c

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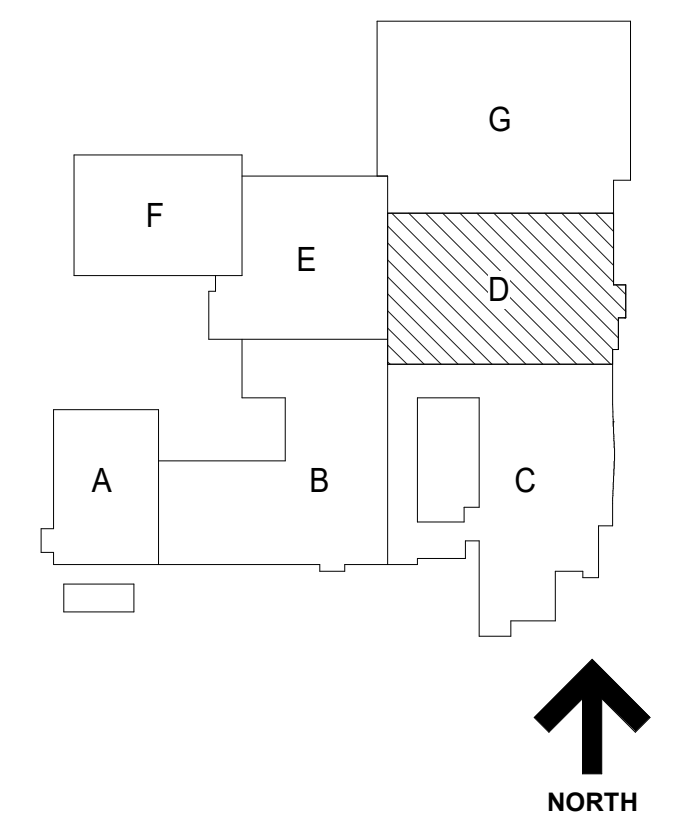
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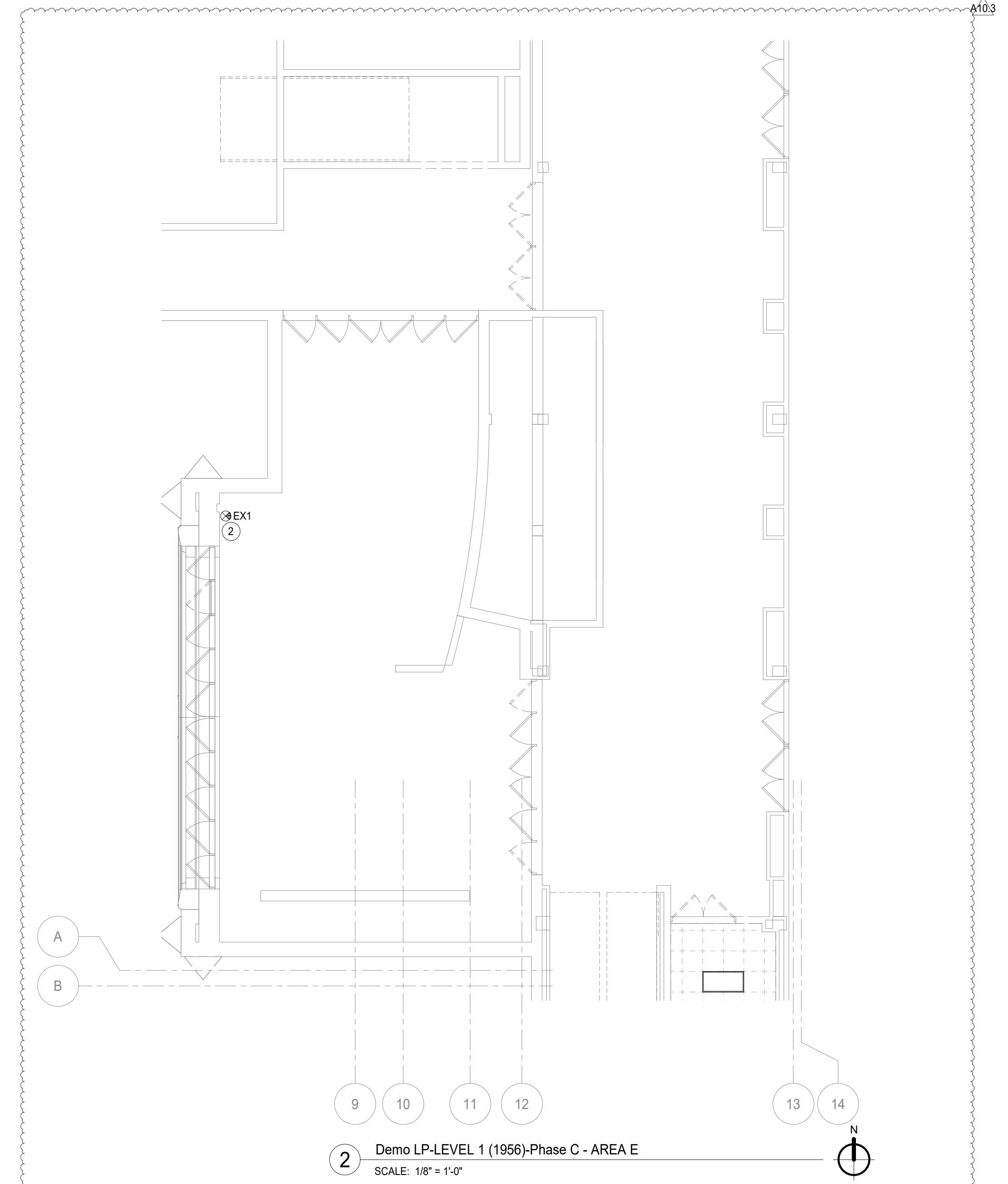
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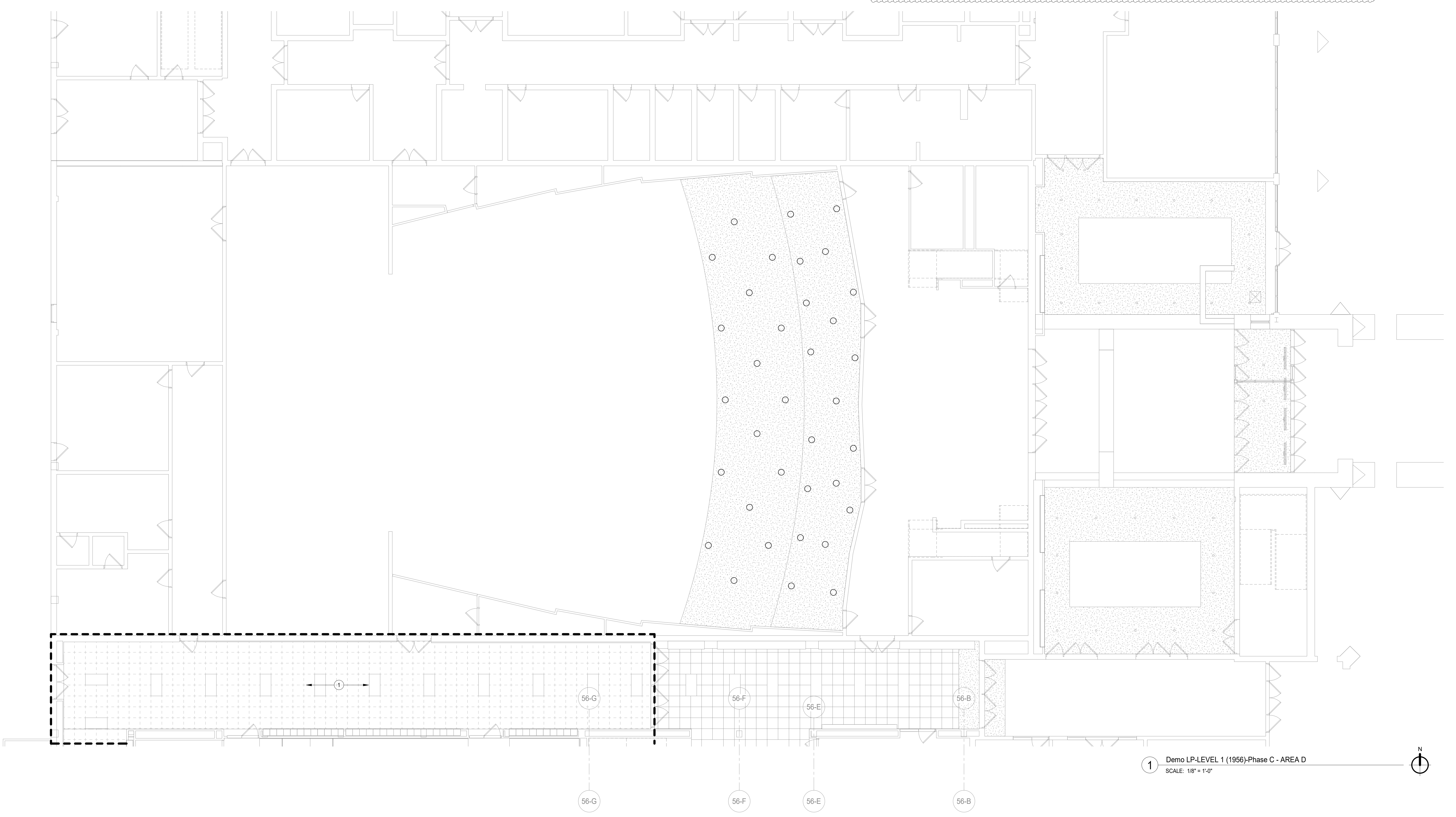
#	KEY NOTES	A10.1
1	DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS, PULL THE CIRCUITS BACK TO THE SOURCE ALONG WITH CABLES AND CONDUITS AND IDENTIFY AS SPARE.	
2	DISCONNECT AND RELOCATE EXISTING EXIT SIGN LIGHT ALONG WITH THE CABLES AND CONDUIT TO NEW LOCATION PER NEW PLAN.	

DEMOLITION SHEET NOTE:
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DEMOLITION LEGEND	
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED



2 Demo LP-LEVEL 1 (1956)-Phase C - AREA E
 SCALE: 1/8" = 1'-0"



1 Demo LP-LEVEL 1 (1956)-Phase C - AREA D
 SCALE: 1/8" = 1'-0"

**NOT FOR
 CONSTRUCTION**

REV	DATE
A10.3	01.16.2020
A10.1	12.30.2019
	11.19.2019
	11.01.2019
	10.14.2019
	10.02.2019
	08.30.2019

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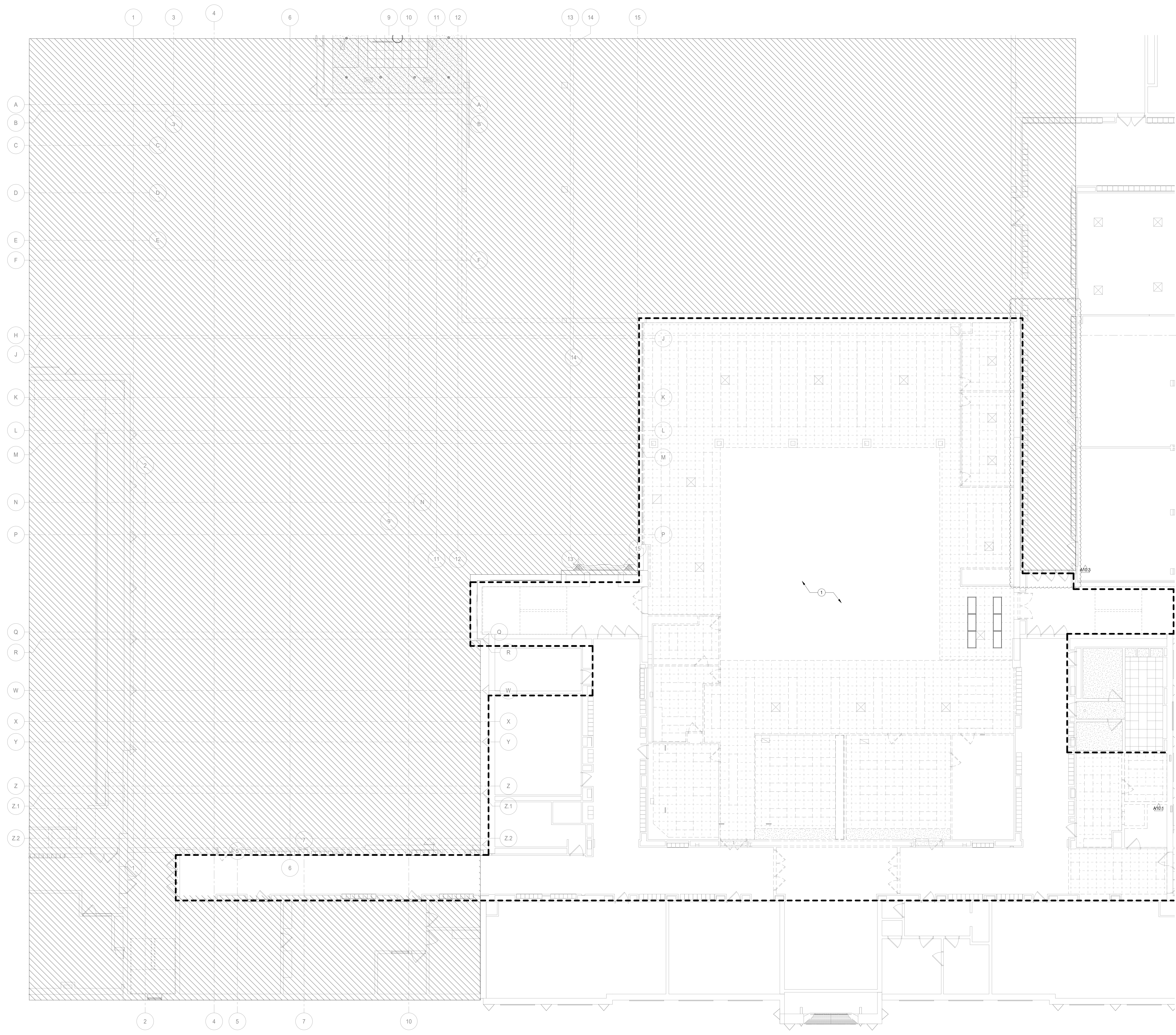
4436 MAIN STREET
 DOWNERS GROVE, IL 60515

**LEVEL 1 ELECTRICAL
 DEMOLITION LIGHTING
 PLAN AREA D (PHASE C)**

Project Number:
 5274-42
 Drawn By:
 Author:
 Sheet:

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 9. WHERE EXISTING CEILINGS TO BE REPLACED IN AREAS, EXISTING LIGHTING TO BE REMOVED, OTHER CEILING MOUNTED ELECTRICAL DEVICES TO BE REMOVED AND REINSTALLED IN NEW CEILING WHERE AFFECTED BY NEW WORK.
 10. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALLS TO BE DEMOLISHED ARE SHOWN DASHED. DISCONNECT AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO LAST REMAINING DEVICE. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF CIRCUITS TO ANY EXISTING DEVICES TO REMAIN. COORDINATE AND VERIFY REQUIREMENTS WITH NEW WORK IN AREA.
 11. FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
 12. DISCONNECT AND REMOVE LIGHT SWITCHES IN DEMOLITION AREAS AS NECESSARY TO ACCOMMODATE NEW DOOR CONFIGURATIONS.
 13. DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL DEVICES AND BACK BOXES AS NECESSARY WHERE NEW WALL CONSTRUCTION WILL INTERSECT AN EXISTING WALL.
 14. FURNISH AND INSTALL CONDUITS AND WIRES AS REQUIRED FOR CONTINUITY OF CIRCUITS.
 15. FURNISH AND INSTALL BLANK COVER PLATES OVER ALL EXISTING UNUSED OPENINGS.
 16. THE OWNER SHALL HAVE FULL SALVAGE RIGHTS OVER ANY ELECTRICAL DEVICES THAT ARE SCHEDULED TO BE DEMOLISHED. COORDINATE WITH OWNER REPRESENTATIVE. SELECTIVE SALVAGEABLE MATERIALS (SUCH AS GENERATOR, HEADEND EQUIPMENT, LIGHT FIXTURES, ETC.) SHALL BE TURNED OVER TO OWNER, DISPOSABLE AND AMONG OTHER GARBAGE MATERIALS SHALL BE REMOVED FROM SITE.
 17. ALL EXISTING SECURITY EQUIPMENT SHOWN TO BE REMOVED SHALL BE REMOVED, PROTECTED FROM DAMAGE, AND TURNED OVER TO THE OWNER.
 18. DEMOLITION CONSTRUCTION DOCUMENTS INDICATE THE OVERALL AREAS OF DEMOLITION WORK; HOWEVER, INCIDENTAL ASSOCIATED WORK MAY NOT BE SHOWN BUT MAY BE REQUIRED TO COMPLETE NEW WORK. CONTRACTOR IS TO INCLUDE ALL DEMOLITION WORK NECESSARY TO INSTALL THE SCOPE OF THE NEW WORK.
- | # | KEY NOTES | A10.1 |
|---|--|-------|
| 1 | DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS, PULL THE CIRCUITS BACK TO THE SOURCE ALONG WITH CABLES AND CONDUITS AND IDENTIFY AS SPARE. | |

DEMOLITION SHEET NOTE:

REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXACT EXTENTS OF DEMOLITION FOR THIS PHASE. ANY AREAS AFFECTING ELECTRICAL SCOPE OF DEMOLITION WORK NEED TO BE INCLUDED IN THIS PHASE. COORDINATE DEMO WITH OTHER TRADES AND OWNER PRIOR TO START. THIS IS FOR ALL THE DEMOLITION WORK INCLUDING POWER AND LIGHTING FOR THIS PROJECT.

DEMOLITION LEGEND	
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(RE)	EXISTING TO BE RELOCATED

DISTRICT 99

COMMUNITY HIGH SCHOOL
DISTRICT 99

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↑
NORTH

NOT FOR CONSTRUCTION

A10.3	BID GROUP 10-ADDENDUM #3	01.16.2020
A10.1	BID GROUP 10-ADDENDUM #1	12.30.2019
	ISSUED FOR BID - BID GROUP 10	11.19.2019
	ISSUED FOR 90% CD - PHASE C	11.01.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
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	ISSUED FOR 25% CD - PHASE C	08.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - NORTH

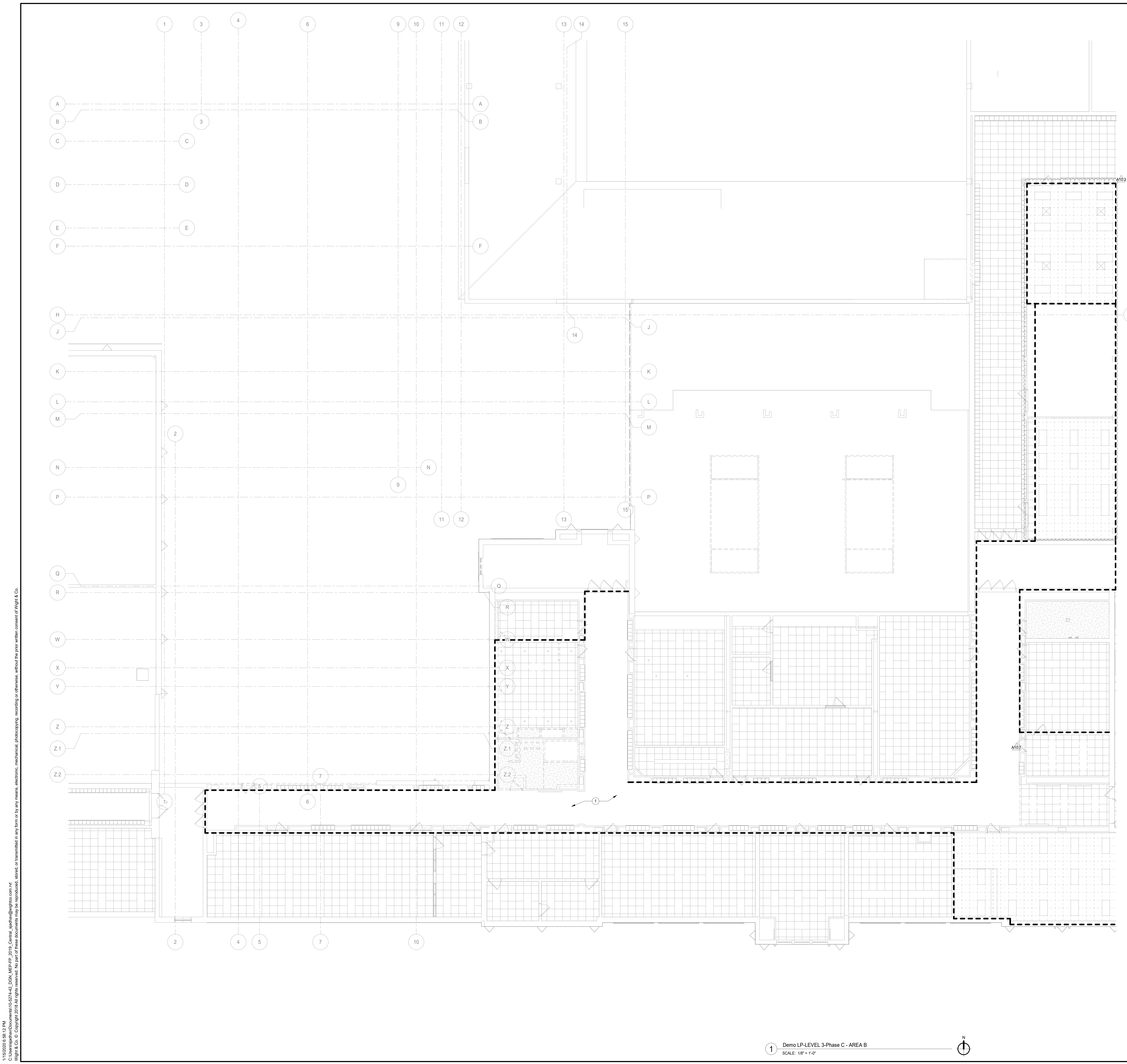
4436 MAIN STREET
DOWNERS GROVE, IL 60515

LEVEL 2 ELECTRICAL DEMOLITION LIGHTING PLAN AREA B (PHASE C)

Project Number:
5274-42
Drawn By:
Author
Sheet:

ED3.02B.c

1 Demo LP-LEVEL 2-Phase C - AREA B
SCALE: 1/8" = 1'-0"



GENERAL NOTES-DEMOLITION PLANS

1. THESE NOTES ARE APPLICABLE TO ALL DEMOLITION PLANS.
2. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.
3. ALL INDICATED ELECTRICAL EQUIPMENT, FIXTURES, DEVICES AND RELATED CONDUIT AND WIRING TO BE REMOVED UNLESS NOTED OTHERWISE.
4. DEMOLITION OF THE ELECTRICAL SYSTEM AS NOTED ON THE DEMOLITION DRAWINGS SHALL BE COORDINATED WITH THE RENOVATION REQUIREMENTS TO DETERMINE THIS CONTRACTOR'S WORK.
5. IT IS THE INTENT OF THE ELECTRICAL DEMOLITION DRAWINGS TO INDICATE AREAS IN WHICH ELECTRICAL EQUIPMENT, CONDUIT, LIGHTING FIXTURES, DEVICES, ETC. NEED TO BE REMOVED, RELOCATED, OR MODIFIED BY THIS CONTRACTOR TO ALLOW FOR THE RENOVATION PHASE OF CONSTRUCTION. THE ELECTRICAL DEMOLITION PLAN IS FOR REFERENCE PURPOSES ONLY AND IT IS NOT INTENDED TO BE THE SINGLE SOURCE OF EXISTING CONDITIONS.
6. THIS CONTRACTOR SHALL VISIT THE BUILDING, BEFORE SUBMITTING HIS BID, TO VERIFY THE EXISTING CONDITIONS WHICH WILL AFFECT HIS WORK.
7. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE ELECTRICAL DEMOLITION REQUIRED TO ACCOMMODATE THE RENOVATION. REMOVE AS REQUIRED ALL LIGHTING FIXTURES, RECEPTACLES, EQUIPMENT, DEVICES, ETC. PULL OUT ALL UNUSED CONDUCTORS AND CABLES AND REMOVE ALL ABANDONED CONDUIT. ELECTRICALLY DISCONNECT AIR HANDLING UNITS, ELECTRIC WATER HEATERS, AND OTHER SUCH EQUIPMENT FOR REMOVAL BY OTHERS.
8. REFER TO MECHANICAL AND PLUMBING DEMOLITION DRAWINGS FOR ALL MECHANICAL EQUIPMENT THAT IS TO BE ELECTRICALLY DISCONNECTED OR REMOVED.
9. WHERE EXISTING CEILING IS TO BE REPLACED IN AREAS, EXISTING LIGHTING TO BE REMOVED, OTHER CEILING MOUNTED ELECTRICAL DEVICES TO BE REMOVED AND REINSTALLED IN NEW CEILING WHERE AFFECTED BY NEW WORK.
10. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALLS TO BE DEMOLISHED ARE SHOWN DASHED. DISCONNECT AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO LAST REMAINING DEVICE. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF CIRCUITS TO ANY EXISTING DEVICES TO REMAIN. COORDINATE AND VERIFY REQUIREMENTS WITH NEW WORK IN AREA.
11. FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
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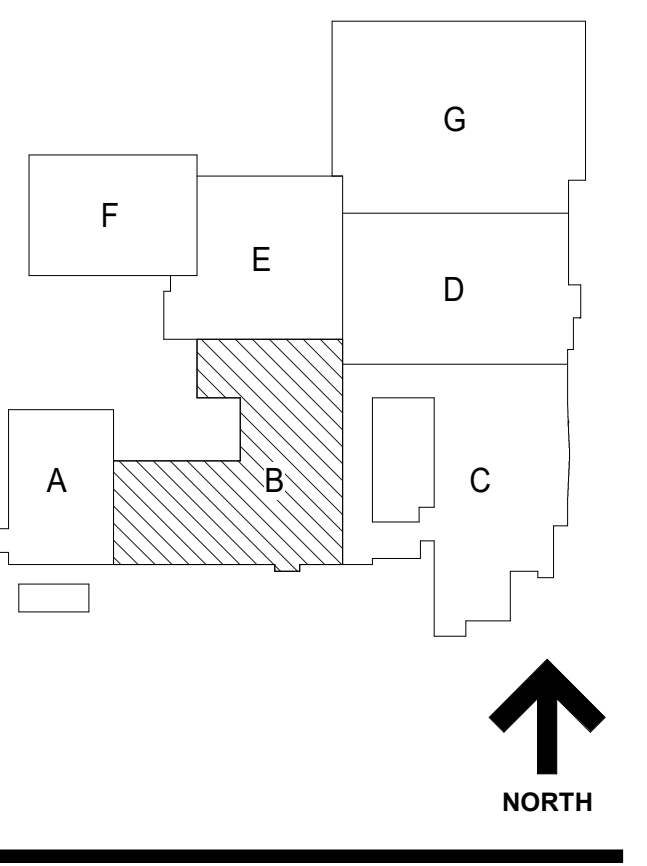
#	KEYNOTES	A10.1
1	DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS IN THE AREAS GETTING DEMOLISHED. PULL THE CIRCUITS BACK TO THE SOURCE ALONG WITH CABLES AND CONDUITS AND IDENTIFY AS SPINE.	

DEMOLITION SHEET NOTE:
 REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXACT EXTENTS OF DEMOLITION FOR THIS PHASE. ANY AREAS AFFECTING ELECTRICAL SCOPE OF DEMOLITION WORK NEED TO BE INCLUDED IN THIS PHASE. COORDINATE DEMO WITH OTHER TRADES AND OWNER PRIOR TO START. THIS IS FOR ALL THE DEMOLITION WORK INCLUDING POWER AND LIGHTING FOR THIS PROJECT.

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(R)	EXISTING TO BE REMOVED
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**MFP
IMPLEMENTATION -
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4436 MAIN STREET
DOWNERS GROVE, IL 60515

**LEVEL 3 ELECTRICAL
DEMOLITION LIGHTING
PLAN AREA B (PHASE C)**

Project Number:
5274-42
 Drawn By:
Author
 Sheet:

ED3.03B.c

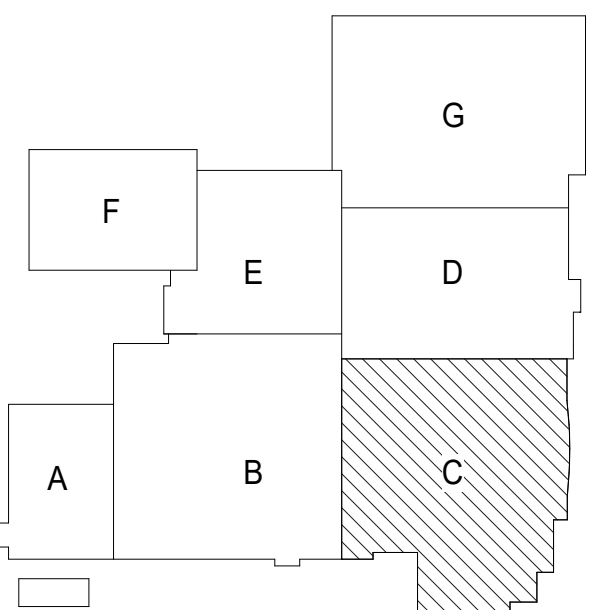
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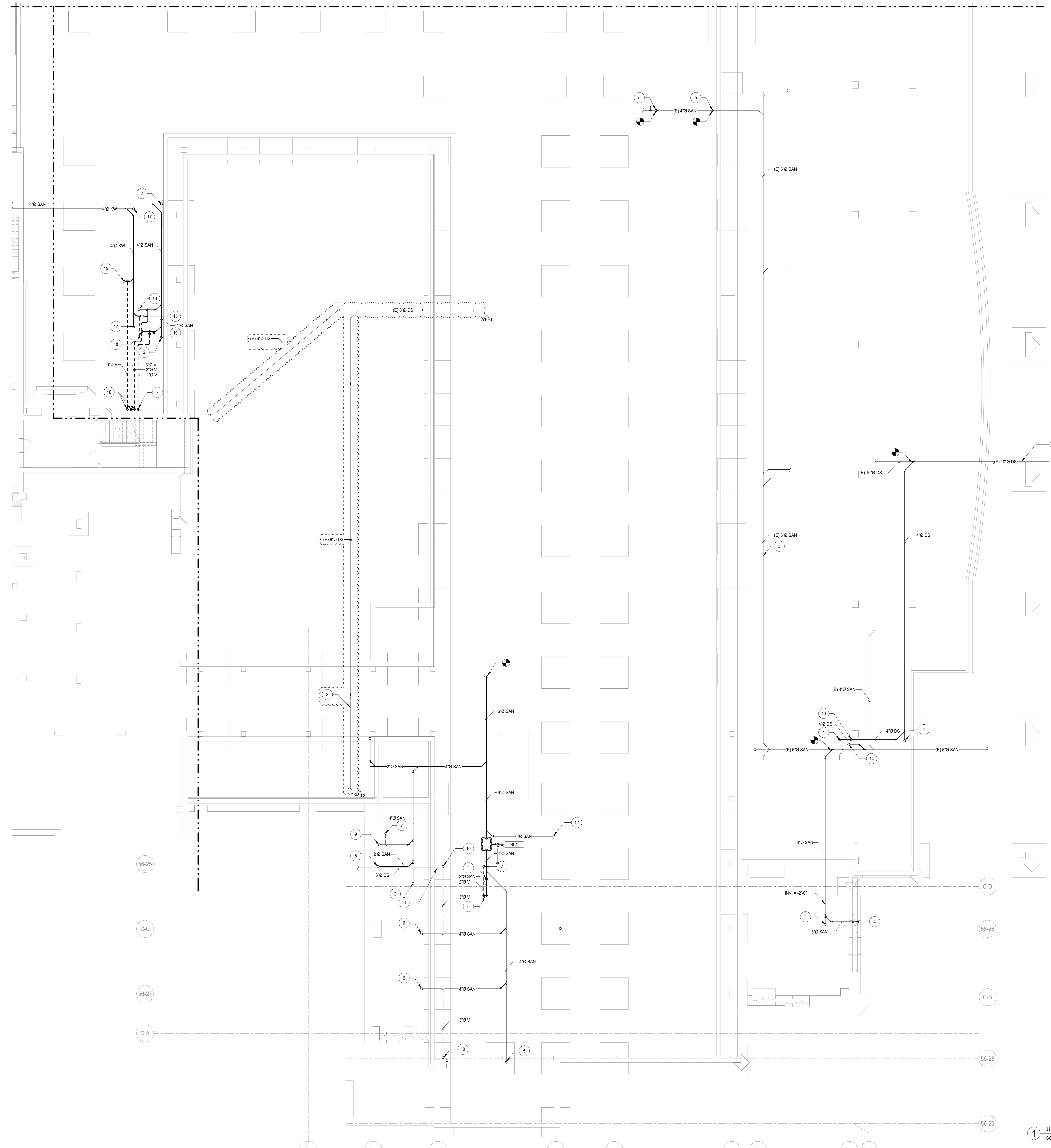
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#	KEY NOTES
1	4" DS UP TO FCO
2	4" SAN UP TO FCO
3	EXISTING PLUMBING PIPING, FIXTURES, EQUIPMENT, ETC. TO REMAIN
4	3" SAN UP TO SERVE PLUMBING FIXTURE(S)
5	2" SAN UP TO SERVE PLUMBING FIXTURE(S)
6	4" SAN UP TO TD-1
7	2" V UP TO ABOVE SLAB
8	2" SAN & 2" V (LOOP VENT) UP TO SERVE SINKS
9	4" SAN UP TO ABOVE SLAB
10	3" V UP TO ABOVE SLAB
11	6" DS UP TO ABOVE SLAB
12	6" SAN UP TO ABOVE SLAB
13	4" DS UP TO ABOVE SLAB
14	2" SAN UP TO ABOVE SLAB
15	4" KW UP TO FLOOR SINK
16	4" SAN UP TO FLOOR SINK
17	4" KW UP TO FCO
18	2" SAN UP TO SERVE FIXTURE
19	2" KW & 2" V UP TO ISLAND SINK (LOOP VENT)



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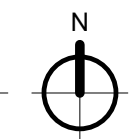
**UNDERGROUND LEVEL
SANITARY & DRAINAGE
PLAN AREA C**

Project Number:
5274-42
Drawn By:
E. Aguilar
Sheet:

P2.0UC

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1 UNDERGROUND LEVEL SANITARY & DRAINAGE PLAN AREA C
SCALE: 1/8" = 1'-0"

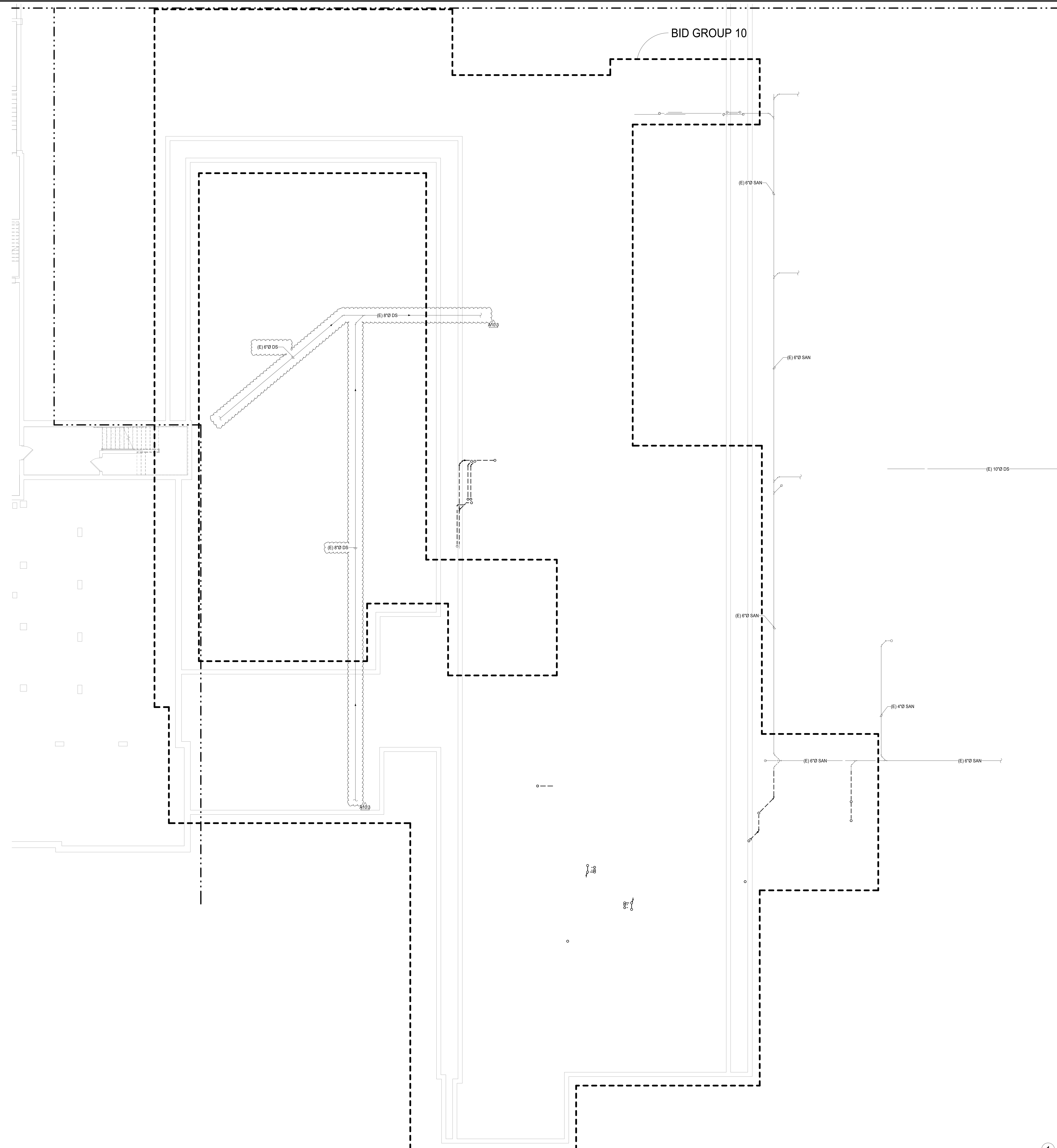
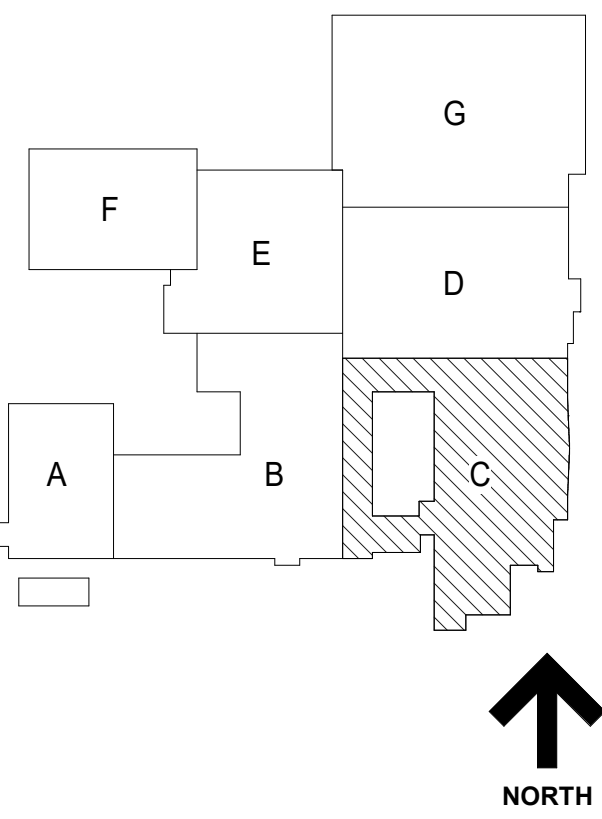




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**MFP
IMPLEMENTATION -
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4436 MAIN STREET
DOWNERS GROVE, IL 60515

**UNDERGROUND LEVEL
PLUMBING DEMOLITION
PLAN AREA C**

Project Number:
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Drawn By:
E. Aguilar
Sheet:

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