



**CASE COVER SHEET**

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

**PLANNING & ZONING CASE NO.**

**PLANNING & ZONING FEE**

**PLATTING APPLICATION**

- MASTER PLAT
- PRELIMINARY PLAT
- FINAL PLAT
- REPLAT
- AMENDING OR MINOR PLAT
- PLAT REINSTATEMENT REQUEST

**SITE PLAN APPLICATION**

- SITE PLAN
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING

**ZONING APPLICATION**

- ZONING CHANGE
- SPECIFIC USE PERMIT
- PD DEVELOPMENT PLAN

**OTHER APPLICATION**

- TREE REMOVAL
- VARIANCE REQUEST/SPECIAL EXCEPTIONS

**RECORD OF RECOMMENDATIONS, VOTING RECORDS, AND CONDITIONS OF APPROVAL**

**ARCHITECTURE REVIEW BOARD**

**PLANNING AND ZONING COMMISSION**

**CITY COUNCIL READING #1**

**CITY COUNCIL READING #2**

**CONDITIONS OF APPROVAL**

**NOTES**



# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. \_\_\_\_\_

**NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.**

DIRECTOR OF PLANNING: \_\_\_\_\_

CITY ENGINEER: \_\_\_\_\_

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

### PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE) <sup>1</sup>
- PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- FINAL PLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- REPLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

### SITE PLAN APPLICATION FEES:

- SITE PLAN (\$250.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

### ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE) <sup>1&2</sup>
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE) <sup>1</sup>

### OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00) <sup>2</sup>

#### NOTES:

<sup>1</sup>: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.  
<sup>2</sup>: A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

## PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS 693 EAST INTERSTATE 30 - ROCKWALL, TX 75087

SUBDIVISION PATRICK-STEPHENSON

LOT 1

BLOCK A

GENERAL LOCATION \_\_\_\_\_

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING C (Commercial District)

CURRENT USE RETAIL / MERCANTILE (DISCOUNT TIRE)

PROPOSED ZONING C (Commercial District)

PROPOSED USE RETAIL / MERCANTILE (DISCOUNT TIRE)

ACREAGE 1.100 ACRES

LOTS [CURRENT] \_\_\_\_\_

LOTS [PROPOSED] \_\_\_\_\_

**SITE PLANS AND PLATS:** BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

OWNER HALLE PROPERTIES, LLC

APPLICANT KATIE GETZ

CONTACT PERSON KAYLA HENSON

CONTACT PERSON \_\_\_\_\_

ADDRESS 20225 NORTH SCOTTSDALE ROAD

ADDRESS 319 ELAINES COURT

CITY, STATE & ZIP SCOTTSDALE, AZ 85255

CITY, STATE & ZIP DODGEVILLE, WI 53533

PHONE 480-909-6811

PHONE 608-407-9078

E-MAIL KAYLA.HENSON@DISCOUNTTIRE.COM

E-MAIL KATIE@PERMIT.COM

## NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KATIE GETZ [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ \_\_\_\_\_ TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 5TH DAY OF FEBRUARY, 2025.

OWNER'S SIGNATURE

Wisconsin

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS COUNTY OF IOWA



| ABBREVIATIONS |  |
|---------------|--|
| AB            | ANCHOR BOLT                              |
| ABC           | AGGREGATE BASE COURSE                    |
| ACC.          | ACCESSIBLE                               |
| A.C.T         | ACOUSTIC CEILING TILE                    |
| ADA           | AMERICANS WITH DISABILITIES ACT          |
| AFF           | ABOVE FINISH FLOOR                       |
| AHJ           | AUTHORITY HAVING JURISDICTION            |
| ALUM          | ALUMINUM                                 |
| BLDG          | BUILDING                                 |
| B.O.          | BOTTOM OF                                |
| C.I.P.        | CAST-IN-PLACE                            |
| CJ            | CONTROL JOINT                            |
| CLG           | CEILING                                  |
| CMU           | CONCRETE MASONRY UNIT                    |
| CT            | CERAMIC TILE                             |
| COL           | COLUMN                                   |
| CONC          | CONCRETE                                 |
| CONT          | CONTINUOUS                               |
| CONTR         | CONTRACTOR                               |
| CPT           | CARPET                                   |
| DET           | DETAIL                                   |
| DIA           | DIAMETER                                 |
| DR            | DOOR                                     |
| DTC           | DISCOUNT TIRE COMPANY                    |
| EDF           | ELECTRIC DRINKING FOUNTAIN               |
| EIFS          | EXT. INSULATION & FINISH SYSTEM          |
| EJ            | EXPANSION JOINT                          |
| ELEC          | ELECTRICAL                               |
| EQUIP.        | EQUIPMENT                                |
| EXIST.        | EXISTING                                 |
| EXP           | EXPANSION                                |
| EXT           | EXTERIOR                                 |
| FBO           | FURNISHED BY OWNER                       |
| FEC           | FIRE EXTINGUISHER CABINET                |
| FF            | FINISH FLOOR                             |
| FFE           | FURNITURE, FIXTURES & EQUIPMENT          |
| FIN.          | FINISH                                   |
| F.O.M.        | FACE OF MASONRY                          |
| FRP           | FIBERGLASS-REINFORCED PLASTIC            |
| FRT           | FIRE RETARDANT-TREATED                   |
| GA            | GAUGE                                    |
| GALV.         | GALVANIZED                               |
| G.C.          | GENERAL CONTRACTOR                       |
| GL            | GLASS                                    |
| G.S.N         | GENERAL STRUCTURAL NOTES                 |
| GYP BD        | GYPSUM BOARD                             |
| HM            | HOLLOW METAL                             |
| HORIZ         | HORIZONTAL                               |
| HR            | HOUR                                     |
| IAW           | IN ACCORDANCE WITH                       |
| I.C.B.O.      | INTERNATIONAL COUNCIL BUILDING OFFICIALS |
| I.B.O         | INSTALLED BY OWNER                       |
| INT           | INTERIOR                                 |
| JST BRG       | JOIST BEARING                            |
| JT            | JOINT                                    |
| LAM.          | LAMINATE                                 |
| MCJ           | MASONRY CONTROL JOINT                    |
| MECH          | MECHANICAL                               |
| MFR           | MANUFACTURER                             |
| MIN           | MINIMUM                                  |
| M.E.P.        | MECH./ELECT./PLUMB.                      |
| M.O.          | MASONRY OPENING                          |
| MTL           | METAL                                    |
| M.P.T.        | MECHANICAL PIPE THREADS                  |
| N.I.C         | NOT IN CONTRACT                          |
| N.T.S.        | NOT TO SCALE                             |
| O.C.          | ON CENTER                                |
| O.F.          | OWNER FURNISHED                          |
| O.F.O         | OVERFLOW OUTLET                          |
| O.H.          | OVERHEAD                                 |
| OPN           | OPENING                                  |
| P.M.          | PROJECT MANUAL                           |
| PNL           | PANEL                                    |
| PTRS          | PRE-FABRICATED TIRE RACK SYSTEM          |
| PVC           | POLYVINYL CHLORIDE                       |
| R.D.          | ROOF DRAIN                               |
| RDO           | ROOF DRAIN OUTLET                        |
| REINF         | REINFORCING                              |
| RM            | ROOM                                     |
| RTU           | ROOF TOP UNIT                            |
| RUB.          | RUBBER                                   |
| SECT.         | SECTION                                  |
| SES           | SERVICE ELECTRICAL SECTION               |
| SHT.          | SHEET                                    |
| SHT MTL       | SHEET METAL                              |
| SIM           | SIMILAR                                  |
| STL           | STEEL                                    |
| STR           | STRUCTURAL                               |
| SUSP          | SUSPENDED                                |
| SW            | SHERWIN-WILLIAMS                         |
| T&G           | TONGUE AND GROOVE                        |
| T.O.          | TOP OF                                   |
| T.O.M.        | TOP OF BEAM                              |
| T.O.C.        | TOP OF CONCRETE                          |
| T.O.D.        | TOP OF DECK                              |
| T.O.J.        | TOP OF JOIST                             |
| T.O.M.        | TOP OF MASONRY                           |
| T.O.R.D.      | TOP OF ROOF DECK                         |
| T.O.W         | TOP OF WINDOW                            |
| TYP.          | TYPICAL                                  |
| U.N.O.        | UNLESS NOTED OTHERWISE                   |
| VB            | VAPOR BARRIER                            |
| VCT           | VINYL COMPOSITION TILE                   |
| V.I.F.        | VERIFY IN FIELD                          |
| VAR           | VARIABLE                                 |
| VERT          | VERTICAL                                 |
| V.P.          | VENEER PILASTERS                         |
| WD            | WOOD                                     |
| W.F.B.        | WIDE FLANGE BEAM                         |
| W.P.J         | WEAKEN PLANE JOINT (SAW CUT)             |

| PROJECT TEAM  |   |
|---|---|
| <b>OWNER</b><br>HALLE PROPERTIES, LLC<br>DISCOUNT TIRE - CONSTRUCTION DEPARTMENT<br>20225 N. SCOTTSDALE ROAD<br>SCOTTSDALE, ARIZONA 85255<br><br>CONTACT: KAYLA HENSON<br>PHONE: 480-909-6811<br>EMAIL: KAYLA.HENSON@DISCOUNTTIRE.COM                               | <b>CONSTRUCTION MANAGER</b><br>TURNER & TOWNSEND<br>3401 MALLORY LN, SUITE 100<br>FRANKLIN, TN 37067<br><br>CONTACT: RICHARD VOGLER<br>PHONE: 615-430-9767<br>EMAIL: RICHARD.VOGLER@TURNTOWN.COM      |
| <b>ARCHITECT</b><br>DESIGN FORUM ARCHITECTS<br>2056 BYERS RD<br>MIAMISBURG, OH 45342<br>PHONE: 844-804-7700<br><br>CONTACT: JESSICA WATERHOUSE (PM)<br>EMAIL: DTARCHTEAMS@CHANGEUPINC.COM<br><br>CONTACT: AMANDA VERASTEGUI (CA)<br>EMAIL: DTCATEAM@CHANGEUPINC.COM | <b>DESIGN CONSULTANT</b><br>CHANGEUP, INC.<br>2056 BYERS RD<br>MIAMISBURG, OH 45342<br>PHONE: 844-804-7700<br><br>CONTACT: SARAH MODERBACHER THOMAS<br>EMAIL: SARAH.MODERBACHER@CHANGEUPINC.COM       |
| <b>STRUCTURAL ENGINEER</b><br>WHS ENGINEERING, INC.<br>2012 WEST 25TH ST, SUITE 200<br>CLEVELAND, OH 44113<br>PHONE: 216-227-8505<br><br>CONTACT: NEIL UNGER<br>EMAIL: NEIL@WHS-ENG.COM   | <b>MECHANICAL / PLUMBING / ELECTRICAL</b><br>WHS ENGINEERING, INC.<br>2012 WEST 25TH ST, SUITE 200<br>CLEVELAND, OH 44113<br>PHONE: 216-227-8505<br><br>CONTACT: JEFF ZUNT<br>EMAIL: JEFF@WHS-ENG.COM |

| SHOP DRAWINGS & SAMPLE REQUIREMENTS |                 |                 |                                |
|-------------------------------------|-----------------|-----------------|--------------------------------|
| ITEM                                | SPECIFIED BY    | REVIEWED BY     | COMMENTS                       |
| STOREFRONT GLAZING SYSTEM           | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS & FINISH SAMPLES |
| STOREFRONT PANELS                   | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS & FINISH SAMPLES |
| SIGNAGE                             | OWNER           | OWNER           | SHOP DRAWINGS                  |
| DOOR / DOOR HARDWARE                | ARCHITECT       | ARCHITECT       | CUT SHEETS                     |
| METAL CANOPY                        | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS                  |
| HOSPITALITY VIEWING COUNTER         | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS                  |
| STRUCTURAL STEEL                    | STRUCTURAL      | STRUCTURAL      | SHOP DRAWINGS                  |
| HVAC                                | MEP             | MEP             | CUT SHEETS                     |
| PLUMB. FIXTURES & ACCESSORIES       | ARCHITECT / MEP | ARCHITECT / MEP | CUT SHEETS                     |

**NOTE:** SUBMITTALS MUST BE ISSUED IN A TIMELY & PROFESSIONAL MANNER, ELECTRONICALLY, TO THE CONSTRUCTION MANAGER. SUBMITTALS WILL THEN BE ISSUED BY THE CM TO THE RESPONSIBLE PARTY LISTED ABOVE. STRUCTURAL & MEP SUBMITTALS TO BE ROUTED VIA ARCHITECT.

**NOTE:** SUBMIT (4) COPIES OF PHYSICAL FINISH SAMPLES ONLY IF AN ALTERNATE SPEC IS BEING PROPOSED. DO NOT SUBMIT FINISH SAMPLES FOR REVIEW PER SPEC.

**NOTE:** ANY SUBMITTALS ISSUED TO THE RESPONSIBLE PARTY BY THE CONSTRUCTION MANAGER MUST INCLUDE REVIEW & APPROVAL STAMPS FROM BOTH GENERAL CONTRACTOR AND CONSTRUCTION MANAGER. FAILURE TO DO SO WILL RESULT IN THE SUBMITTAL BEING RETURNED INCOMPLETE AND NOT REVIEWED. SUBMITTALS ISSUED BY GENERAL CONTRACTOR DIRECTLY TO THE ARCHITECT, OR RESPONSIBLE PARTY, WILL BE CONSIDERED INVALID AND IGNORED.

**RFI REQUIREMENTS**

**NOTE:** RFIs MUST BE ISSUED IN A TIMELY & PROFESSIONAL MANNER, ELECTRONICALLY, TO THE CONSTRUCTION MANAGER. RFIs ARE TO BE REVIEWED BY THE CONSTRUCTION MANAGER FOR RESPONSE AND ONLY ISSUED TO THE RESPONSIBLE PARTY LISTED ABOVE, AS REQUIRED. STRUCTURAL & MEP RFIs ARE TO BE ROUTED VIA THE ARCHITECT.

**NOTE:** ANY RFI ISSUED BY THE CONTRACTOR DIRECTLY TO THE ARCHITECT, OR RESPONSIBLE PARTY, WILL BE CONSIDERED INVALID AND IGNORED.

**NOTE TO BIDDERS**

**NOTE:** IT IS THE POLICY OF DISCOUNT TIRE TO MAINTAIN STRICT CONFIDENTIALITY DURING THE BIDDING PROCESS. A BID LIST WILL NOT BE DISCLOSED TO GENERAL CONTRACTORS, SUB-CONTRACTORS, OR VENDORS.

**NOTE:** PLANS OR INFORMATION CONCERNING THE PROJECT SHALL NOT BE DISTRIBUTED TO ANY CONTRACTORS INFORMATION SERVICES, SUCH AS DODGE REPORTS, PLAN ROOMS, OR ANY PARTY NOT SPECIFICALLY INVITED TO PARTICIPATE IN THE PROJECT.

**NOTE:** ANY BID SPECIFIC QUESTIONS ARE TO BE DIRECTED TO THE CONSTRUCTION MANAGER ONLY.

**NOTE:** DO NOT CONTACT THE ARCHITECT OF RECORD FOR ANY BID QUESTIONS. ANY CORRESPONDENCE RECEIVED BY THE ARCHITECT WILL BE IGNORED.

**SCOPE OF WORK**

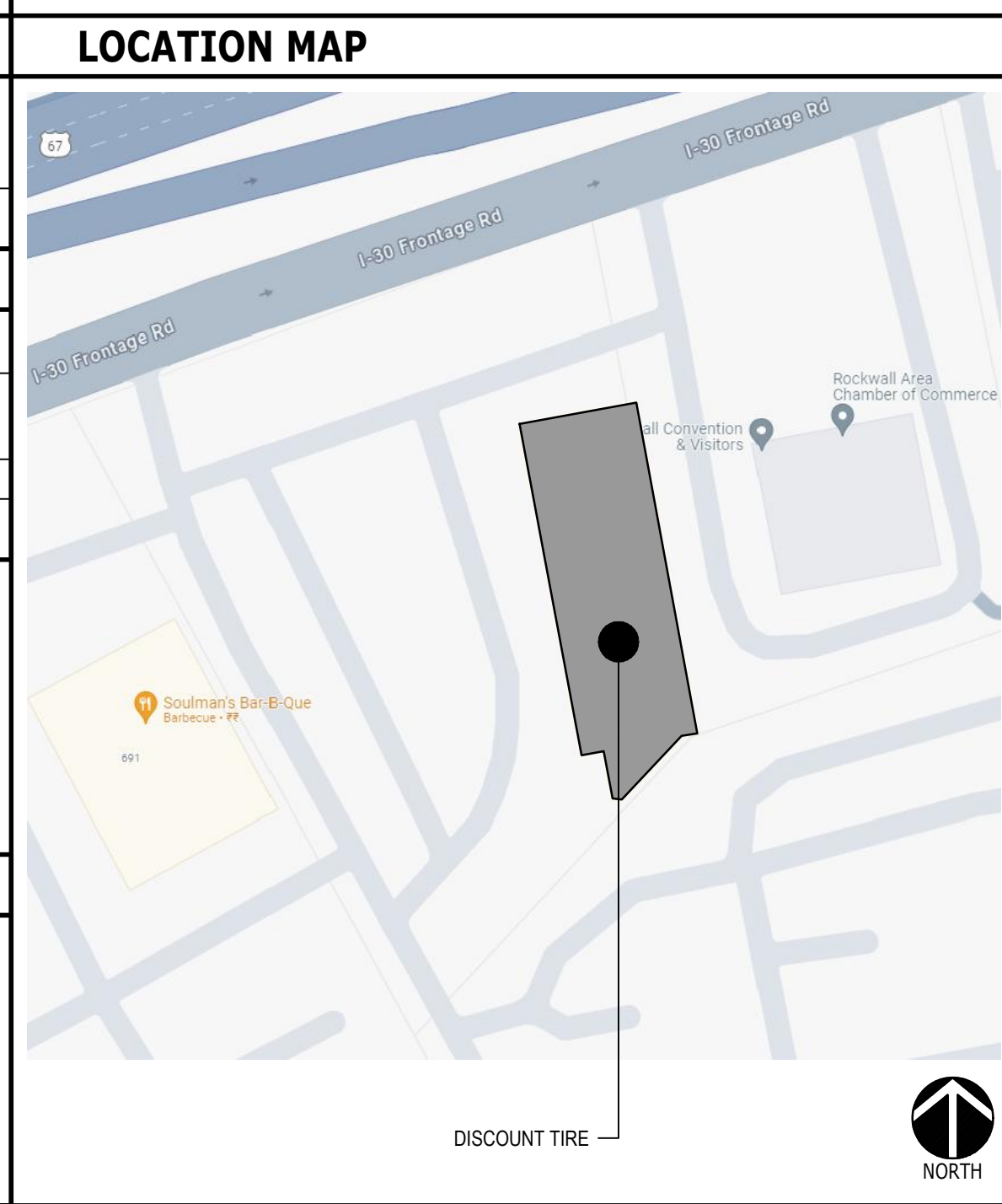
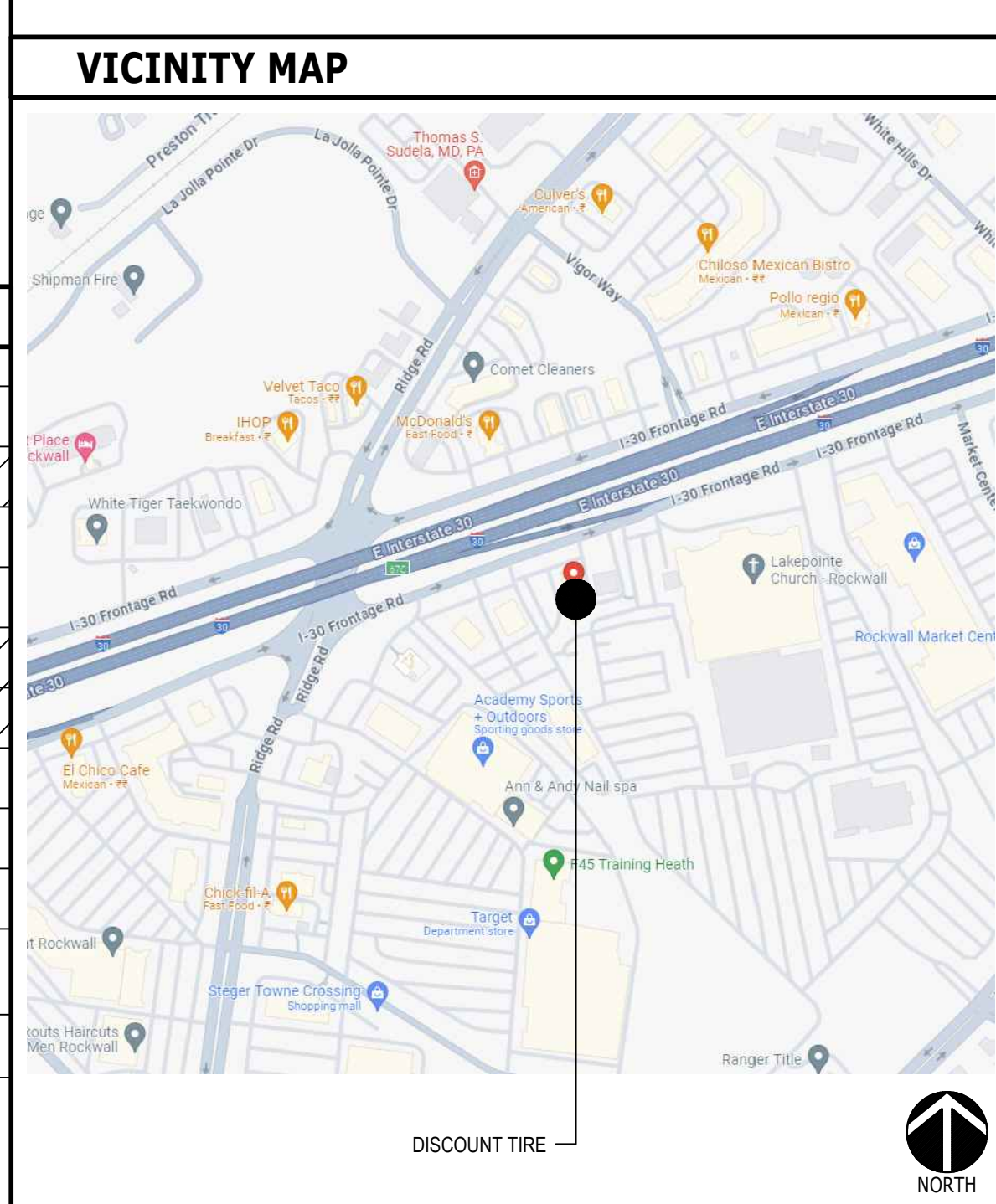
PROJECT IS A PROPOSED INTERIOR AND EXTERIOR RENOVATION / REFRESH OF AN EXISTING DISCOUNT TIRE LOCATION. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

DEMOLITION OF STOREFRONT GLAZING, INTERIOR PARTITIONS, INTERIOR FINISHES, FIXTURES AND FURNITURE. NEW EXTERIOR WALL INFILL, STOREFRONT GLAZING, MATERIALS, AND FINISHES. NEW EXTERIOR DOOR, NEW INTERIOR PARTITIONS, DOORS, LIGHTING, PLUMBING FIXTURES & ACCESSORIES AND FINISHES. MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL SCOPE (REFER TO ENGINEERED DRAWINGS). RELOCATING SIGNAGE (UNDER SEPARATE COVER OR DEFERRED SUBMITTAL).

**NOTE:** STORAGE MEZZANINE IS NOT INCLUDED WITHIN THIS PROPOSED SCOPE. THIS AREA IS EXISTING TO REMAIN AND SHALL REMAIN AS-IS.



TXD 39  
 693 E INTERSTATE 30  
 ROCKWALL, TX 75087  
 TABS2025002478



| PROJECT INFORMATION                       |   |                      |               |
|---|---|----------------------|---------------|
| <b>DESIGN OCCUPANCY LOAD</b>              |   |                      |               |
| USE                                       | TOTAL SF (GROSS)  | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
| SALES AREA:                               | 1,126   | 60                   | 19            |
| OFFICE:                                   | 156   | 150                  | 2             |
| S-1 (SERVICE):                            | 3,142   | 200                  | 16            |
| S-1 (STORAGE):                            | 2,957   | 300                  | 10            |
| MEZZANINE:                                | 408   | 300                  | 2             |
| CATWALK:                                  | 1,344   | 300                  | 5             |
|   |   | <b>TOTAL:</b>        | <b>54</b>     |
| <b>APPLICABLE CODES</b>                   |   |                      |               |
| BUILDING                                  | INTERNATIONAL BUILDING CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| MECHANICAL                                | INTERNATIONAL MECHANICAL CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| PLUMBING                                  | INTERNATIONAL PLUMBING CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| ELECTRICAL                                | NATIONAL ELECTRICAL CODE, 2020 EDITION, W/ LOCAL AMENDMENTS   |                      |               |
| FIRE                                      | INTERNATIONAL FIRE CODE, 2021 EDITION   |                      |               |
| ENERGY                                    | INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION, W/ LOCAL AMENDMENTS   |                      |               |
| FUEL                                      | INTERNATIONAL FUEL GAS CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| EXISTING BUILDING                         | INTERNATIONAL EXISTING BUILDING CODE, 2021 EDITION, W/ LOCAL AMENDMENTS   |                      |               |
| ACCESSIBILITY                             | 2017 ANSI A117.1 (CURRENT FEDERAL ADA GUIDELINES FOLLOWED WHERE MORE STRINGENT)   |                      |               |
| <b>BUILDING INFO</b>                      |   |                      |               |
| CONSTRUCTION TYPE:                        | II-B  |                      |               |
| OCCUPANCY GROUP:                          | M / S-1 NON-SEPARATED (NOTE: THE WORK PERFORMED IS LIMITED TO REPAIR & INSTALLATION OF TIRES & WHEELS. THE USE OF OPEN FLAME OR WELDING IS NOT REQUIRED.) |                      |               |
| SPRINKLER SYSTEM:                         | NON-SPRINKLERED   |                      |               |
| FIRE ALARM:                               | YES   |                      |               |
| EXISTING BUILDING SF:                     | 9,133 SF  |                      |               |
| PROPOSED WORK AREA SF:                    | 1,282 SF  |                      |               |
| <b>EGRESS CALCULATION</b>                 |   |                      |               |
| EXIT WIDTH REQUIRED: (54 OCCUPANTS X 0.2) | 10.8 IN.  |                      |               |
| EXIT WIDTH PROVIDED:                      | 66 IN.  |                      |               |
| EXITS:                                    | 33 IN. PRIMARY EXIT, 33 IN. FRONT SERVICE EXIT  |                      |               |
| EXITS REQUIRED:                           | 1 FOR MERCANTILE, 2 FOR S-1   |                      |               |
| EXITS PROVIDED:                           | 1 FOR MERCANTILE, 2 FOR S-1   |                      |               |
| MAX. ALLOWED TRAVEL DISTANCE:             | 75' SINGLE EGRESS MEANS (MERCANTILE) / 200' NON-SPRINKLERED (S-1)   |                      |               |
| MAX. PROVIDED TRAVEL DISTANCE:            | 63 FT. 5 IN. (MERCANTILE)<br>135 FT. 8 IN. (S-1)  |                      |               |
| MINIMUM EXIT SEPARATION:                  | 123 FT. 1 1/2 IN. / 2 = 61.5 FT. 3/4 IN.  |                      |               |
| PROVIDED EXIT SEPARATION:                 | 122 FT. 5 IN.   |                      |               |
| <b>PLUMBING CALCULATION</b>               |   |                      |               |
| PLUMBING OCCUPANT LOAD (1/200)            | N/A   |                      |               |
| MOP SINK                                  | 1 REQUIRED   1 PROVIDED   |                      |               |
| DRINKING FOUNTAINS                        | 1 REQUIRED   2 PROVIDED   |                      |               |
| PUBLIC TOILET FACILITIES                  | HIGH / LOW FIXTURE W/ BOTTLE FILLER & CANE DETECTION APRON AS REQ.  |                      |               |
| DEFERRED SUBMITTALS                       | 2 REQUIRED   3 PROVIDED   |                      |               |
| SIGNAGE (AS APPLICABLE)                   |   |                      |               |

| SHEET INDEX          |   | 100% CD SET<br>10/08/24 |  |  |  |
|----------------------|---|-------------------------|--|--|--|
| <b>ARCHITECTURAL</b> |   |                         |  |  |  |
| G0.1                 | COVER SHEET   | ●                       |  |  |  |
| G0.2                 | ABBREVIATED GENERAL CONDITIONS AND NOTES                  | ●                       |  |  |  |
| G0.3                 | RESPONSIBILITY SCHEDULE                                   | ●                       |  |  |  |
| G0.4                 | ACCESSIBILITY COMPLIANCE & STANDARDS                      | ●                       |  |  |  |
| G1.0                 | LIFE SAFETY PLANS   | ●                       |  |  |  |
| D1.0                 | DEMOLITION FLOOR PLAN                                     | ●                       |  |  |  |
| D1.1                 | DEMOLITION REFLECTED CEILING PLAN                         | ●                       |  |  |  |
| D2.0                 | DEMOLITION EXTERIOR ELEVATIONS                            | ●                       |  |  |  |
| A1.0                 | CONSTRUCTION FLOOR PLAN                                   | ●                       |  |  |  |
| A1.0A                | DOOR / HARDWARE SCHEDULES & GLAZING ELEVATIONS            | ●                       |  |  |  |
| A1.1                 | REFLECTED CEILING PLAN                                    | ●                       |  |  |  |
| A2.0                 | EXTERIOR ELEVATIONS                                       | ●                       |  |  |  |
| A2.1                 | EXTERIOR WALL SECTIONS                                    | ●                       |  |  |  |
| A2.2                 | EXTERIOR WALL DETAILS                                     | ●                       |  |  |  |
| A4.0A                | EIFS DETAILS  | ●                       |  |  |  |
| A4.0B                | EIFS DETAILS  | ●                       |  |  |  |
| A5.0                 | DETAILS   | ●                       |  |  |  |
| A5.1                 | DETAILS   | ●                       |  |  |  |
| A5.2                 | DETAILS   | ●                       |  |  |  |
| A5.3                 | DETAILS   | ●                       |  |  |  |
| A5.4                 | DETAILS   | ●                       |  |  |  |
| <b>INTERIOR</b>      |   |                         |  |  |  |
| I1.0                 | FURNITURE, FIXTURE & FINISH PLAN                          | ●                       |  |  |  |
| I2.0                 | INTERIOR ELEVATIONS                                       | ●                       |  |  |  |
| I2.1                 | ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS              | ●                       |  |  |  |
| <b>STRUCTURAL</b>    |   |                         |  |  |  |
| S0.1                 | STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTIONS          | ●                       |  |  |  |
| S1.0                 | PLAN, SECTIONS AND DETAILS                                | ●                       |  |  |  |
| S1.1                 | SECTIONS AND DETAILS                                      | ●                       |  |  |  |
| <b>ELECTRICAL</b>    |   |                         |  |  |  |
| E0.1                 | ELECTRICAL DEMOLITION PLAN                                | ●                       |  |  |  |
| E1.0                 | ELECTRICAL SPECIFICATIONS                                 | ●                       |  |  |  |
| E1.1                 | ELECTRICAL SPECIFICATIONS & SYMBOL LEGEND                 | ●                       |  |  |  |
| E1.2                 | EXISTING ELECTRICAL POWER RISER DIAGRAM & PANEL SCHEDULES | ●                       |  |  |  |
| E2.0                 | LIGHTING PLAN   | ●                       |  |  |  |
| E2.1                 | POWER & COMMUNICATION PLAN                                | ●                       |  |  |  |
| <b>MECHANICAL</b>    |   |                         |  |  |  |
| M0.0                 | MECHANICAL SPECIFICATIONS                                 | ●                       |  |  |  |
| M1.0                 | MECHANICAL DEMOLITION PLANS                               | ●                       |  |  |  |
| M2.0                 | MECHANICAL PLAN   | ●                       |  |  |  |
| M3.0                 | MECHANICAL DETAILS & SCHEDULES                            | ●                       |  |  |  |
| <b>PLUMBING</b>      |   |                         |  |  |  |
| P0.0                 | PLUMBING SPECIFICATIONS                                   | ●                       |  |  |  |
| P1.0                 | PLUMBING DEMOLITION PLANS                                 | ●                       |  |  |  |
| P2.0                 | PLUMBING PLAN   | ●                       |  |  |  |
| P3.0                 | PLUMBING ENLARGED PLANS                                   | ●                       |  |  |  |
| P4.0                 | PLUMBING DETAILS  | ●                       |  |  |  |

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10/22/2024

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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME

## COVER SHEET

SHEET #

# G0.1

## ABBREVIATED GENERAL CONDITIONS

THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO DESCRIBE ALL QUALITIES AND QUANTITIES OF LABOR AND MATERIAL AND ALL TYPES OF WORK, COMMUNICATION AND PROTOCOL REQUIRED TO PROVIDE THE OWNER WITH A COMPLETE RENOVATION OF AN EXISTING TIRE STORE AT THE PROPERTY INDICATED. ALL INTERPRETATIONS OF THE CONSTRUCTION DOCUMENTS SHALL BE VIEWED WITHIN THIS INTENT. THE SCOPE OF WORK FOR THIS PROJECT IS LISTED BELOW. ALL THESE ITEMS AND ISSUES ARE NOT LISTED. THE SCOPE INCLUDES ALL ITEMS LISTED BUT IS NOT LIMITED TO THEM. ANY QUESTIONS OR DISCREPANCIES IN THE DRAWINGS OR THE EXISTING CONDITIONS SHOULD BE MADE AWARE TO THE OWNER AND RESOLVED BEFORE THAT PORTION OF THE WORK SHALL PROCEED. ALL ITEMS SHALL BE "CONTRACTOR FURNISHED, CONTRACTOR INSTALLED" UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE, SCHEDULE AND PROVIDE NECESSARY PREPARATION, ETC. FOR ITEMS THAT ARE OWNER SUPPLIED, OWNER INSTALLED OR PROVIDED FOR BY OTHERS.

THESE CONSTRUCTION DOCUMENTS WERE PREPARED FOR THE SOLE USE OF DISCOUNT TIRE CO. INC. AND THEIR CONSULTANTS. ALL QUESTIONS CONCERNING THE SCOPE OF WORK SHOULD BE RECORDED IN WRITTEN FORM AND DIRECTED TO DISCOUNT TIRE AND THE ASSIGNED CONSTRUCTION MANAGER.

### DISCLAIMER

THE OWNER WILL BEAR NO COST THAT IS THE DIRECT RESULT OF AN ERROR KNOWINGLY MADE BY THE GENERAL CONTRACTOR. THE OWNER WILL SET A CONTRACT SUM BASED ON BIDS RECEIVED. THIS AMOUNT WILL NOT BE CHANGED UNLESS BY LEGAL, PROPERLY ISSUED AND OWNER-APPROVED CHANGE ORDERS. ALL CONTRACTORS, SUBCONTRACTORS, VENDORS, AND MANUFACTURERS ARE RESPONSIBLE FOR ALL INFORMATION THAT MAY BE KNOWN BY VISITING THE SITE, ALL APPLICABLE LAWS, CODES, REGULATIONS, AND CURRENT PRACTICES AND INDUSTRY STANDARDS GOVERNING THE SCOPE OF WORK.

### INDEMNIFICATION

TO THE FULLEST EXTENT PERMITTED BY LAW AND REGULATIONS, THE GENERAL CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, DIRECT AND INDIRECT OR CONSEQUENTIAL (INCLUDING BUT NOT LIMITED TO FEES, AND CHARGES OF ATTORNEYS AND OTHER PROFESSIONAL AND COURT AND ARBITRATION COSTS) ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF WORK, PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS OR EXPENSE (A) IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING THE LOSS OF USE RESULTING THEREFROM AND (B) IS CAUSED BY ANY NEGLIGENT ACT OR OMISSION OF THE GENERAL CONTRACTOR OR ANY PERSON OR ORGANIZATION DIRECTLY OR INDIRECTLY EMPLOYED BY THE GENERAL CONTRACTOR TO PERFORM OR FURNISH ANY OF THE WORK OR ANYONE OF WHOSE ACTS THE GENERAL CONTRACTOR MAY BE LIABLE.

### WARRANTIES

ASSEMBLE WARRANTIES PROVIDED BY EACH RESPECTIVE MANUFACTURER, SUPPLIER AND SUBCONTRACTOR. THE GENERAL CONTRACTOR SHALL ISSUE A COMPREHENSIVE WARRANTY ON ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR STARTING FROM THE DATE OF SUBSTANTIAL COMPLETION.

### SUBSTITUTIONS

DISCOUNT TIRE STANDARDS OF CONSTRUCTION ARE SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS, WHICH ARE USED BY THE GENERAL CONTRACTOR TO BASE THEIR BID. DISCOUNT TIRE EXPECTS CONSTRUCTION TO BE IN ACCORDANCE WITH THOSE STANDARDS OF CONSTRUCTION. THE GENERAL CONTRACTOR'S WINNING BID IS A COMMITMENT ON THE PART OF THE GENERAL CONTRACTOR TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. IF THE GENERAL CONTRACTOR DEVIATES FROM THOSE CONSTRUCTION DOCUMENTS THEN THE GENERAL CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE PERFORMANCE OF ANY AND ALL UNAPPROVED CHANGES. THIS INCLUDES THE RESPONSIBILITY TO REPAIR OR REPLACE, AT THE OWNER'S REQUEST AND AT THE GENERAL CONTRACTOR'S EXPENSE, ANY UNAPPROVED MATERIAL SUBSTITUTIONS THAT FAIL TO PERFORM AT LEAST AS WELL AS THOSE MATERIALS SHOWN IN THE CONSTRUCTION DOCUMENTS ON WHICH THE GENERAL CONTRACTOR'S WINNING BID WAS BASED.

### STANDARD DOCUMENTS

THE FOLLOWING IS A LIST OF STANDARD DOCUMENT FORMS THAT SHALL BE USED DURING THE CONSTRUCTION PHASE OF THIS PROJECT FOR DOCUMENTING SITUATIONS THAT ARE DESCRIBED WITHIN:

- "CONSTRUCTION CHANGE AUTHORIZATION" AIA DOCUMENT G713
- "SHOP DRAWINGS AND SAMPLE RECORD" AIA DOCUMENT G712
- "PROJECT APPLICATION AND PROJECT CERTIFICATION FOR PAYMENT" AIA DOCUMENT G722
- "PROJECT APPLICATION SUMMARY" AIA DOCUMENT G723
- "CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS" AIA DOCUMENT G706A
- "CERTIFICATION OF SUBSTANTIAL COMPLETION" AIA DOCUMENT G704

### PAY REQUEST

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A SCHEDULE WITH THE OWNER FOR REGULAR PAY REQUESTS. APPLICATIONS FOR PAYMENT ON MATERIALS STORED OFF SITE WILL NOT BE APPROVED.

### JOB SITE CONDITIONS

ALL OPERATIONS AND DUTIES ON THE JOB SITE SHALL BE PERFORMED FOLLOWING LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK. A COPY OF MATERIAL SAFETY DATA SHEETS SHALL BE KEPT ON SITE FOR ALL RELATED MATERIALS USED ON THE PROJECT. A LIST OF EMERGENCY PHONE NUMBERS MUST BE POSTED AT ALL TIMES AND ADEQUATE FIRST AID SUPPLIES AS WELL AS FIRE PROTECTION MEANS SHALL BE KEPT ON THE JOB SITE.

EROSION CONTROL DURING THE CONSTRUCTION PHASE SHALL BE PROVIDED AS REQUIRED PER SCOPE. SECURITY AS DEEMED NECESSARY SHALL BE PROVIDED FOR PROTECTION OF CONSTRUCTION MATERIALS AND OWNER SUPPLIED EQUIPMENT. TEMPORARY FACILITIES ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR DURING THE CONSTRUCTION PHASE WHICH INCLUDE, BUT ARE NOT LIMITED TO, TEMPORARY LIGHTING, TEMPORARY POWER, TEMPORARY WATER AND TEMPORARY TOILET FACILITIES. THE JOB SITE IS TO BE KEPT CLEAN ON A DAILY BASIS. PROVISIONS SHALL BE MADE BY THE GENERAL CONTRACTOR FOR PROPER LEGAL REMOVAL AND DISPOSAL OF ALL WASTE AND DEBRIS. GENERAL CONTRACTOR TO PROVIDE JOB SITE SECURITY FENCING. GENERAL CONTRACTOR TO PROVIDE TRENCH SHORING AS REQUIRED PER O.S.H.A TECHNICAL GUIDE, SECTION V, CHAPTER 2.

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE A TEMPORARY WORKING TELEPHONE ON THE JOB SITE. FULL TIME, EXPERIENCED AND KNOWLEDGEABLE SUPERVISION IS REQUIRED ON THE JOB SITE AT ALL TIMES WORK IS IN PROGRESS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TEMPORARY STORAGE TRAILER, WHICH CAN SECURELY CONTAIN THE "OWNER FURNISHED EQUIPMENT", AS IT IS DELIVERED TO THE JOB SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECEIVE AND SECURELY STORE "OWNER FURNISHED ITEMS". THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NOTING ANY SHIPPING DAMAGE TO THESE ITEMS, AND PROVIDING PROPER DOCUMENTATION TO THE FREIGHT COMPANY, AND THE OWNER, IN ORDER THAT REPLACEMENT PARTS CAN BE OBTAINED, AND PROPER CREDIT CAN BE OBTAINED FROM THE SHIPPER.

### CONTRACTOR CLOSE OUT

BEFORE THE CONTRACT FOR CONSTRUCTION MAY BE CLOSED OUT, THE FOLLOWING REQUIREMENTS MUST BE SATISFIED:

- FINAL CONSTRUCTION CLEAN COMPLETED ON BUILDING AND SITE.
- ALL ITEMS ON ALL PUNCH LISTS COMPLETED TO THE OWNER'S SATISFACTION.
- A SET OF AS-BUILT DRAWINGS, SHOWING ALL MODIFICATIONS AND REVISIONS MADE TO THE ORIGINAL SET OF DRAWINGS, SUBMITTED TO THE OWNER.
- ALL OPERATING AND MAINTENANCE DATA SUBMITTED TO THE OWNER.
- ALL WARRANTIES SUBMITTED TO THE OWNER.
- ALL FINAL LIEN RELEASES SUBMITTED TO THE OWNER.
- CERTIFICATE OF OCCUPANCY SUBMITTED TO OWNER.

### CONTRACTOR WARRANTY

THE GENERAL CONTRACTOR SHALL PROVIDE A ONE-YEAR INSTALLATION WARRANTY FOR ALL "OWNER SUPPLIED / CONTRACTOR INSTALLED" MATERIAL & EQUIPMENT. IF THE MANUFACTURER OF ANY SUCH "OWNER SUPPLIED / CONTRACTOR INSTALLED" MATERIAL OR EQUIPMENT AGREES TO REPLACE SUCH MATERIAL OR EQUIPMENT IN CONNECTION WITH A MANUFACTURER'S WARRANTY, THE GENERAL CONTRACTOR SHALL PERFORM, FREE OF CHARGE UNDER HIS WARRANTY, ALL WORK, INCLUDING ALL SERVICE CALLS, LABOR, MISCELLANEOUS MATERIAL, EQUIPMENT RENTAL, CITY PERMIT AND FEES (IF REQUIRED) AND ANY OTHER ITEM OR WORK REQUIRED FOR INSTALLATION OF SUCH REPLACEMENT MATERIAL AND EQUIPMENT. THIS WARRANTY SHALL BE FOR THE PERIOD OF ONE YEAR STARTING AT THE DATE OF SUBSTANTIAL COMPLETION OF THE ORIGINAL PROJECT.

### SUBMITTALS OF SHOP DRAWINGS OR MATERIALS SAMPLES

THE DISCOUNT TIRE ARCHITECT WILL NOT ACCEPT OR REVIEW ANY SHOP DRAWINGS OR SAMPLES OTHER THAN THOSE LISTED ON THE COVER SHEET. PLEASE REFER TO THE COVER SHEET FOR A BREAKDOWN ON SUBMITTAL PROCEDURES.

## GENERAL NOTES

- WE CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT THE DESIGN OF THIS PROJECT COMPLIES WITH THE APPLICABLE PROVISIONS OF THE REQUIREMENTS OF CURRENT FEDERAL ADA GUIDELINES.
- ALL EXITS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE PROHIBITED.
- STUD PARTITIONS TO BE ANCHORED TO RESIST A LATERAL LOAD OF 5 P.S.F. OR AS LOCAL STORM RATINGS REQUIRE, WHICHEVER IS GREATER.
- ALL INTERIOR OR EXTERIOR GLASS SUBJECT TO HUMAN IMPACT SHALL CONFORM TO STANDARDS SET FORTH BY THE SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS, TITLE 16 CFR, PART 1201, AS ISSUED BY THE CONSUMER PRODUCT SAFETY COMMISSION, EFFECTIVE JULY, 1972, INCLUDING ALL AMENDMENTS.
- INTERIOR WALLS AND CEILING FINISHES SHALL COMPLY WITH REQUIREMENTS SET IN TABLE 803.5 AS LISTED BELOW:

|  | M | S-1 |
|--|---|-----|
| VERTICAL EXITS & PASSAGEWAY              | B | C   |
| EXIT ACCESS CORRIDORS & OTHER EXIT WAYS: | C | C   |
| ROOMS AND ENCLOSED SPACES:               | C | C   |

- THE CONTRACTOR SHALL INSPECT THE PREMISES IMMEDIATELY TO CHECK EXISTING WORKING CONDITIONS. SHOULD CONTRACTOR FIND CONDITIONS WHICH HE BELIEVES WOULD IMPEDE HIS WORK, THEN SUCH CONDITIONS MUST BE REPORTED IMMEDIATELY TO THE CONSTRUCTION ADMINISTRATOR. FAILURE TO SO ADVISE WILL CONSTITUTE NOTICE THAT THE CONTRACTOR IS FULLY SATISFIED WITH THE EXISTING CONDITIONS AND THAT HE INTENDS TO PERFORM HIS OBLIGATIONS WITH NO ALLOWANCE EITHER IN TIME OR MONEY FOR ANY IMPEDIMENTS TO HIS WORK.
- THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO WORK BEING STARTED AND FOLLOW UP IN WRITING WITHIN TWO WORKING DAYS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. IF DIMENSIONAL ERRORS OCCUR OR CONDITIONS NOT COVERED IN THE DRAWINGS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ASSIGNED CONSTRUCTION MANAGER BEFORE COMMENCING THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS OR INSTRUCTIONS UNLESS HEREINAFTER SPECIFIED TO THE CONTRARY.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND / OR INSTALLATION, MEANS, METHODS, TECHNIQUES, AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE ON THE CONSTRUCTION DOCUMENTS. DO NOT SCALE DRAWINGS.
- ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER, ACCEPTABLE TO THE OWNER.
- WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED AND BE OF THE BEST MATERIALS, AND WORKMANSHIP.
- UNLESS OTHERWISE SPECIFICALLY NOTED, THE CONTRACTOR SHALL PROVIDE AND FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR THE PROJECT IN "LIEN FREE" CONDITIONS. EVIDENCE OF PAYMENT TO ALL BUILDING TRADES AND SUPPLIERS SHALL BE PROVIDED, AS INDICATED IN THE PROJECT MANUAL.
- THE OWNER SHALL PAY ALL FEES FOR PERMITS, ETC. NECESSARY FOR PROPER COMPLETION OF THE WORK, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR WARRANTS TO THE OWNER THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW, UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE GOOD QUALITY, FREE FROM DEFECTS AND FAULTS, AND ACCORDANCE WITH THESE CONSTRUCTION DOCUMENTS. ALL WORK NOT SO CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR NON-CONFORMING WORK OR MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED INTO THE WORK OR AT ANY TIME BEFORE OR AFTER FINAL ACCEPTANCE. IF REQUIRED BY THE OWNER, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT.
- THE WARRANTIES AND GUARANTEES PROVIDED IN THE CONSTRUCTION DOCUMENTS SHALL BE IN ADDITION TO AND NOT IN LIMITATION OF ANY OTHER WARRANTY OR GUARANTEE OR REMEDY REQUIRED BY LAW OR BY THE CONSTRUCTION DOCUMENTS.
- MASONRY SIZES SHOWN ON THE DRAWINGS SHALL BE NOMINAL.
- PROVIDE PROTECTIVE COATINGS WHERE DISSIMILAR METALS MAKE CONTACT.
- ALL WALL PENETRATIONS THROUGH EXTERIOR WALLS SHALL BE SEALED.
- UNLESS NOTED OTHERWISE, ELECTRICAL CONDUITS, PLUMBING LINES, AND MECHANICAL PIPING SHALL BE CONCEALED AND FRAMING SHALL BE OF ADEQUATE DIMENSION TO ACCOMPLISH THIS WITHOUT UNNECESSARY CHANGES IN THE WALL PLANE.
- PROVIDE 2X BLOCKING (OR LARGER AS NECESSARY) FOR ALL WALL MOUNTED HARDWARE. COORDINATE THE LOCATION OF ALL BLOCKING AS REQUIRED.
- INTERIOR FINISH SURFACE SHALL NOT BE INSTALLED UNTIL THE BUILDING IS WEATHER-TIGHT.
- ALL SURFACES EXPOSED TO VIEW SHALL BE FINISHED AS SPECIFIED.
- ALL MECHANICAL, ELECTRICAL, PLUMBING, AND SPECIAL SYSTEMS, PIPING, CONDUIT, EQUIPMENTS, DUCTS, ETC. SHALL RUN CONCEALED BEHIND FINISHED SURFACES UNLESS NOTED OTHERWISE. ALL PIPING SHALL RUN PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE AND, IF EXPOSED ON THE EXTERIOR OF THE BUILDING, SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE.
- TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT SHALL APPLY UNLESS NOTED OTHERWISE. GENERAL CONTRACTOR SHALL COORDINATE ALL TRADES AND METHODS OF CONSTRUCTION AS REQUIRED FOR COMPLETION OF THE PROJECT WITH THE INTENT OF THESE DOCUMENTS.
- CONSTRUCTION DEBRIS SHALL BE LEGALLY REMOVED AND DISPOSED OF ON A CONTINUOUS SCHEDULE. THE SITE SHALL BE MAINTAINED "NEAT" IN APPEARANCE. THE GENERAL CONTRACTOR SHALL PROVIDE A TRASH DUMPSTER ON THE SITE INTO WHICH THE OWNER CAN PLACE PACKING MATERIAL AND TRASH RESULTING FROM OWNER FURNISHED EQUIPMENT.
- VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION OR TRENCHING. GENERAL CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF DAMAGED UTILITIES.

- PROVIDE AND COORDINATE BLOCK-OUTS, SLEEVES, INSETS, BOLTS, ANCHOR PLATES, ETC., FOR ALL TRADES, PRIOR TO PLACING OR REPLACING CONCRETE OR MASONRY.
- ALL PRODUCTS LISTED BY I.C.B.O. NUMBER SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTIONS. PRODUCT SUBSTITUTION SHALL ALSO HAVE I.C.B.O. APPROVED EVALUATION REPORT OR BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCY.
- FOR ALL INTERIOR, SLAB-ON-GRADE FLOORS, WHETHER TO RECEIVE THIN-SET TILE APPLICATION, OR POLISHED FLOOR FINISH SHALL MEET FF40 FLATNESS AND FL30 LEVEL CRITERIA. THIS REQUIREMENT INCLUDES THE RESTROOMS. RESTROOM FLOOR DRAINS SHALL BE LEVEL AND AT SAME HEIGHT AS TILE. BLEMISHES TO BE REPAIRED BEFORE POLISHING.
- PROVIDE BUILDING ADDRESS. LETTERS, LEGIBLE FROM THE ADJACENT PUBLIC ROADWAY, OR AS REQUIRED BY LOCAL FIRE PREVENTION DEPARTMENT. LETTER SIZE, COLOR, AND LOCATION TO BE COORDINATED WITH LOCAL REQUIREMENTS. GENERAL CONTRACTOR TO PROVIDE TEMPORARY JOB SITE ADDRESS, OWNER TO PROVIDE PERMANENT ADDRESS SIGNAGE AS PART OF BUILDING SIGNAGE.

- PROVIDE GAS AND ELECTRICAL METER LABELS - MINIMUM 1" HIGH LETTERS.
- ALL WOOD PROVIDED ON THE JOB SHALL BE FIRE RETARDANT-TREATED (F.R.T.).
- CONTRACTOR SHALL CONTACT ALL LOCAL UTILITY PROVIDERS AND INCLUDE ALL NECESSARY WORK FOR A COMPLETE WORKING SYSTEM. THIS INCLUDES, BUT IS NOT LIMITED TO, UNDERGROUND TRENCHING, PIPING, TRANSFORMER PAD, CONCRETE VAULTS, CONDUITS, PULL LINES, JUNCTION BOXES, PEDESTALS, MANHOLES, CONNECTIONS, TAPS, BACKFLOW PREVENTERS, ENCLOSURES, VALVES, FITTINGS, METER PITS, AND METERS. CONTRACTOR SHALL PROVIDE A SCHEDULE OF COSTS FOR THE ABOVE ITEMS. OWNER SHALL PAY FOR UTILITY TAP FEES.

- ALL SPRINKLER APPROVALS, WHEN REQUIRED, ARE NOT INCLUDED UNDER THIS REVIEW, BUT ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR MUST MAKE SEPARATE SUBMITTAL TO THE DEPARTMENT OF PUBLIC SAFETY, FIRE PREVENTION DEPARTMENT, ETC., AS NECESSARY.
- FIRE SPRINKLER SYSTEMS DESIGN AND SHOP DRAWINGS SHALL BE SUBMITTED BY GENERAL CONTRACTOR TO LOCAL FIRE DEPARTMENT FOR APPROVAL UNDER A SEPARATE PERMIT PRIOR TO FABRICATION AND INSTALLATION.
- PLEASE NOTE THAT IT IS THE POLICY OF DISCOUNT TIRE COMPANY TO MAINTAIN STRICT CONFIDENTIALITY DURING THE BIDDING PROCESS. A BID LIST WILL NOT BE DISCLOSED TO GENERAL CONTRACTORS, SUB-CONTRACTORS OR VENDORS. PLANS OR INFORMATION CONCERNING THE PROJECT SHALL NOT BE DISTRIBUTED TO ANY CONTRACTOR'S INFORMATION SERVICES SUCH AS DODGE REPORTS, OR PLAN ROOMS OR ANY PARTY NOT SPECIFICALLY INVITED TO PARTICIPATE IN THE PROJECT.

- CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A LOCAL BRACING FIRM TO PRODUCE A BRACING PLAN, AS REQUIRED PER PROJECT SCOPE, WHICH WILL BE SUFFICIENT TO BRACE THE WALLS AGAINST ALL LOCAL FACTORS OF CLIMATE AND WEATHER, AND FOR SENDING TWO COPIES OF THIS BRACING PLAN TO THE CONSTRUCTION MANAGER FOR DISTRIBUTION TO THE PROJECT ARCHITECT AND STRUCTURAL ENGINEER FOR THEIR RECORDS/REFERENCE ONLY. THIS BRACING PLAN SHALL BE SEALED BY AN ENGINEER REGISTERED IN THE STATE OF JURISDICTION. THE BRACING PLAN IS FOR DISCOUNT TIRE'S RECORDS/ REFERENCE ONLY.

- AT THE START OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE A 6' TALL CHAIN LINK FENCE THAT ENCOMPASSES THE ENTIRE WORK SITE AS APPLICABLE TO THE PROJECT SCOPE. CONTRACTOR SHALL REMOVE FENCE ONCE CONSTRUCTION IS COMPLETE.

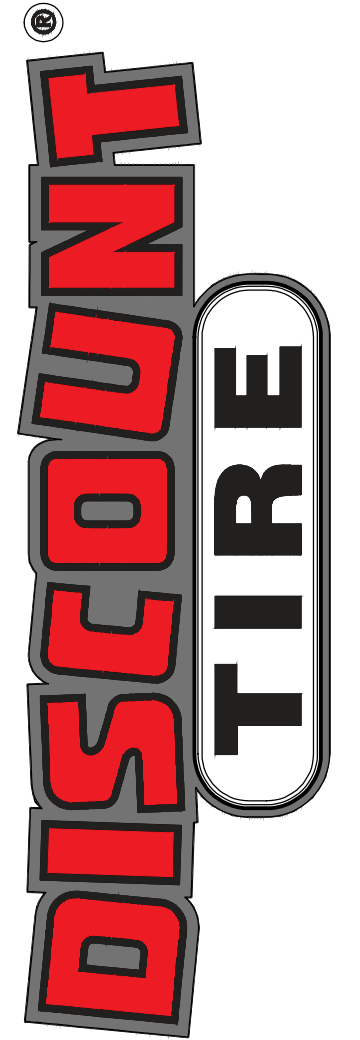
- GENERAL CONTRACTOR TO PROVIDE DUMPSTER FOR THE ENTIRE PROJECT INCLUDING FOR OWNER'S USE WHEN EQUIPMENT/OWNER FURNISHED ITEMS ARE BEING DELIVERED/INSTALLED.

- GENERAL CONTRACTOR TO PROVIDE/PAY FOR FORKLIFT FOR OWNER'S USE DURING LAST 30 DAYS PRIOR TO STORE OPENING.

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10/22/2024



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| CHECKED BY     | JDW / DJR  |

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| SHEET NAME | ABBREVIATED GENERAL CONDITIONS AND NOTES |
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| SHEET # | G0.2 |
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**RESPONSIBILITY SCHEDULE**

|   | EXISTING | FURNISHED | INSTALLED | LL        |           | G.C.      |           | OWNER     |           | REMARKS  |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|   |          |           |           | FURNISHED | INSTALLED | FURNISHED | INSTALLED | FURNISHED | INSTALLED |  |
| <b>1 CONDITIONS OF THE CONTRACT</b>   |          |           |           |           |           |           |           |           |           |  |
| MAIN BUILDING PERMIT  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER  |
| SIGNAGE PERMIT  | ●        |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER, UNDER SEPARATE COVER  |
| TRAFFIC PLANNING & PERMITS  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER; GC TO SCHEDULE W/ MUNICIPALITY                                      |
| OTHER APPLICABLE PERMITS  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER  |
| SECURITY DEPOSIT  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>2 GENERAL REQUIREMENTS</b>   |          |           |           |           |           |           |           |           |           |  |
| TEMPORARY JOB SITE CONSTRUCTION   |          |           |           |           |           | ●         | ●         |           |           | TRAILER, PHONE, TOILET, TRASH DUMPSTER, FENCE, ETC.                                    |
| TEMPORARY STORE FACILITIES  |          |           |           |           |           | ●         | ●         |           |           | GC TO COORDINATE W/ OWNER AS APPLICABLE PER LOCATION                                   |
| <b>3 DEMOLITION</b>   |          |           |           |           |           |           |           |           |           |  |
| DEMOLITION  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>4 SITE WORK</b>  |          |           |           |           |           |           |           |           |           |  |
| SILT SCREEN & ALL RELATED EROSION CONTROL MEASURES  |          |           |           |           |           | ●         | ●         |           |           |  |
| COMPACTION TEST ON SELECT FILL UNDER NEW CONSTRUCTION SLAB & ON LIME STABILIZATION AREAS, AS APPLIES, PER GEOTECHNICAL REPORT   |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER, INCLUDES RETESTING DUE TO FAILURE OF PREVIOUS TESTS                 |
| SAMPLE & TEST CONCRETE (PIER POUR, GRADE BEAM POUR, SLAB POUR, PAVING POUR, MASONRY GROUT, ETC. AS APPLICABLE)                  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER, INCLUDES RETESTING DUE TO FAILURE OF PREVIOUS TESTS                 |
| SCHEDULING OF SAMPLES AND TESTS   |          |           |           |           |           | ●         | ●         |           |           | OWNER / CONSTRUCTION MANAGER TO VERIFY   |
| CONSERVATION OF PIER EXCAVATION & POOR BY ENGINEERING LAB   |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER  |
| REMOVAL OF EXISTING TOPSOIL, EXISTING TREES, ROUGH BRADING  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| COMPACTED FILL UNDER NEW BUILDING AREA, PAVING AREAS, LIME STABILIZATION UNDER PAVING AREAS, PER GEOTECHNICAL REPORT            |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| EXCAVATION FORM WORK, TEMPORARY CASINGS, BACK FILLING   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| VAPOR BARRIER & SAND CUSHION UNDER BUILDING SLAB  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL & STRUCTURAL DRAWINGS, AS APPLICABLE                                    |
| CONCRETE SIDEWALKS, HC RAMPS, PAVING, DRIVEWAYS, CURBS, APRONS, DRAINAGE SWELLS, ETC.   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| PARKING LOT STRIPING FOR PARKING SPACES, HO PARKING SPACES, FIRE LANES, METAL HC PARKING SIGNS, STRIPING FOR LOADING AREA, ETC. |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS AND/OR A02, AS APPLICABLE                                      |
| PRE-CAST PARKING CURBS, ANCHORED IN PAVING  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| SAW CUTTING & SEALING CONTROL JOINTS IN CONCRETE PAVING AREAS   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| FINAL GRADING FOR LANDSCAPE AREAS   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| LANDSCAPE PLANTS & MATERIALS  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| MODIFICATIONS TO EXISTING AUTOMATIC IRRIGATION SYSTEM   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| <b>5 CONCRETE / MASONRY</b>   |          |           |           |           |           |           |           |           |           |  |
| CONCRETE SLAB ON GRADE  | ●        |           |           |           |           |           |           |           |           |  |
| CONCRETE PATCHING (SLAB CORING, TRENCHING, JOINTS)  |          |           |           |           |           | ●         | ●         |           |           |  |
| CONCRETE PIERS, GRADE BEAMS, FLOOR SLAB REINFORCEMENT   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL & STRUCTURAL DRAWINGS, AS APPLICABLE                                    |
| TRENCH DRAIN  | ●        |           |           |           |           |           |           |           |           |  |
| TEMPORARY BRACING OF MASONRY WALLS  |          |           |           |           |           | ●         | ●         |           |           |  |
| MASONRY (STANDARD FACE, SPLIT-FACE, LINTEL BLOCKS, ETC)   | ●        |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| HORIZONTAL & VERTICAL STEEL REINFORCING   |          |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| MORTAR GROUT  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>6 STEEL</b>  |          |           |           |           |           |           |           |           |           |  |
| PRE-FABRICATED STEEL COMPONENTS   |          |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| PRE-FABRICATED STEEL ROOF, TRUSSES, BEAMS, LINTELS, CORRUGATED STEEL ROOF, FLOOR DECKING, ETC.                                  |          |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| CORRUGATED METAL WALL PANELS (INCLUDING PERIMETER EDGE)   |          |           |           |           |           | ●         | ●         |           |           |  |
| LIGHT GAUGE STEEL FRAMING (STUDS, CHANNELS, FURRING, ETC.)  |          |           |           |           |           | ●         | ●         |           |           |  |
| PARAPET CAP   |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>7 WOOD AND PLASTICS</b>  |          |           |           |           |           |           |           |           |           |  |
| CARPENTRY   |          |           |           |           |           | ●         | ●         |           |           |  |
| BLOCKING / ANCHORING  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>8 THERMAL / MOISTURE PROTECTION</b>  |          |           |           |           |           |           |           |           |           |  |
| ROOF MATERIALS (MEMBRANE, FLASHING, FELT, ETC.)   | ●        |           |           |           |           | ●         | ●         |           |           | COORDINATE TRANSITION BETWEEN NEW AND EXISTING MATERIALS AS REQUIRED PER PROJECT SCOPE |
| FIRESTOPPING  |          |           |           |           |           | ●         | ●         |           |           |  |
| JOINT SEALERS   |          |           |           |           |           | ●         | ●         |           |           |  |
| INSULATION  | ●        |           |           |           |           | ●         | ●         |           |           |  |
| <b>9 DOORS AND WINDOWS</b>  |          |           |           |           |           |           |           |           |           |  |
| METAL DOORS AND FRAMES  | ●        |           |           |           |           | ●         | ●         |           |           | KNOCKED DOWN DOOR FRAMES; PROVIDE LOUVERS AS REQ.                                      |
| DOOR HARDWARE   | ●        |           |           |           |           | ●         | ●         |           |           | G.C. TO SUBMIT TO ARCHITECT  |
| CORES & KEYS  | ●        |           |           |           |           | ●         | ●         |           |           |  |
| THERMALLY BROKEN ALUMINUM STOREFRONT W/ LOW-E INSULATED GLAZING UNITS   |          |           |           |           |           | ●         | ●         |           |           |  |
| GLAZING   |          |           |           |           |           | ●         | ●         |           |           |  |
| STOREFRONT ENTRY DOORS  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>10 FINISHES</b>  |          |           |           |           |           |           |           |           |           |  |
| GYPSUM BOARD, FRAMING & BLOCKING  |          |           |           |           |           | ●         | ●         |           |           |  |
| SUSPENDED ACOUSTICAL CEILING TILE SYSTEM  |          |           |           |           |           | ●         | ●         |           |           |  |
| SUSPENDED GYPSUM BOARD CEILING  |          |           |           |           |           | ●         | ●         |           |           |  |
| WATER PROOFING MEMBRANE   |          |           |           |           |           | ●         | ●         |           |           |  |
| FIBER REINFORCED PLASTIC PANELS & ASSOCIATED TRIM   |          |           |           |           |           | ●         | ●         |           |           |  |
| PAINTING (INTERIOR)   |          |           |           |           |           | ●         | ●         |           |           |  |
| PAINTING (EXTERIOR)   |          |           |           |           |           | ●         | ●         |           |           |  |
| EXTERIOR ACRYLIC COMPOSITE MATERIAL PANELS (ACM)  |          |           |           |           |           | ●         | ●         |           |           |  |

|   | EXISTING | FURNISHED | INSTALLED | LL        |           | G.C.      |           | OWNER     |           | REMARKS  |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|   |          |           |           | FURNISHED | INSTALLED | FURNISHED | INSTALLED | FURNISHED | INSTALLED |  |
| CONCRETE SEALER   |          |           |           |           |           |           |           | ●         | ●         |  |
| CONCRETE POLISHING  |          |           |           |           |           |           |           | ●         | ●         |  |
| MASONRY SEALER  |          |           |           |           |           |           |           | ●         | ●         |  |
| BREAK METAL   |          |           |           |           |           | ●         | ●         |           |           |  |
| TILE (FLOOR & WALL)   |          |           |           |           |           | ●         | ●         |           |           |  |
| PEDIMAT   |          |           |           |           |           | ●         | ●         |           |           |  |
| RUBBER COVE WALL BASE   |          |           |           |           |           | ●         | ●         |           |           |  |
| EXTERIOR INSULATION & FINISH SYSTEM (EIFS)  | ●        |           |           |           |           | ●         | ●         |           |           |  |
| <b>11 SPECIALTIES</b>   |          |           |           |           |           |           |           |           |           |  |
| RESTROOM ACCESSORIES  |          |           |           |           |           |           |           | ●         | ●         | SOAP DISPENSER, PAPER TOWEL DISPENSER, MIRROR, TOILET PAPER HOLDER, TOILET SEAT COVER DISPENSER, GRAB BARS, VANITY, VANITY HARDWARE, ETC.  |
| INTERIOR SIGNAGE (GC FURNISHED)   |          |           |           |           |           |           |           | ●         | ●         | APPLICABLE RESTROOM, ACCESSIBILITY, EGRESSING, ETC. COORDINATE WITH APPROPRIATE BUILDING OFFICIAL AS REQ.  |
| INTERIOR SIGNAGE (OWNER FURNISHED)  |          |           |           |           |           |           |           | ●         | ●         | FIVE LIFE LESSONS, FREE WIFI, FOCAL WALL   |
| EXTERIOR SIGNAGE  | ●        |           |           |           |           |           |           |           |           | EXISTING SIGNAGE TO BE SALVAGED AND RELOCATED. UNDER SEPARATE COVER / PERMIT, INCLUDES BUILDING, POLE, AND/OR MONUMENT SIGNS. GC TO INSTALL CONDUITS AND PULL STRINGS AS REQUIRED, INSTALL WIRING, AND FINAL CONNECTIONS |
| CORNER GUARDS   |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>12 FURNITURE, FIXTURES, MILLWORK</b>   |          |           |           |           |           |           |           |           |           |  |
| SALES COUNTER MILLWORK, OFFICE MILLWORK, WINDOW COUNTER TOP   |          |           |           |           |           |           |           | ●         | ●         | GC TO SCHEDULE   |
| CASH DRAWER FOR SALES COUNTER   |          |           |           |           |           |           |           | ●         | ●         |  |
| COMPUTER EQUIPMENT FOR SALES COUNTER  |          |           |           |           |           |           |           | ●         | ●         |  |
| FREE STANDING FILE CABINET  |          |           |           |           |           |           |           | ●         | ●         |  |
| TV / SCREENS  |          |           |           |           |           |           |           | ●         | ●         | GC TO MAKE ALL ELECTRICAL CONNECTIONS & BACKBOARD  |
| FREESTANDING TIRE DISPLAY RACKS (SALES FLOOR)   | ●        |           |           |           |           |           |           |           |           |  |
| FURNITURE   |          |           |           |           |           |           |           | ●         | ●         |  |
| FIXTURES  |          |           |           |           |           |           |           | ●         | ●         |  |
| <b>13 FIRE PROTECTION</b>   |          |           |           |           |           |           |           |           |           |  |
| FIRE MARSHALL APPROVALS   |          |           |           |           |           |           |           | ●         | ●         | FIRE ALARM, KNOX BOX, EXTINGUISHERS, ETC.  |
| FIRE EXTINGUISHERS & ASSOCIATED MOUNTING HARDWARE   | ●        |           |           |           |           |           |           | ●         | ●         | TYPE 2A-10B C EXTINGUISHERS, QUANTITY AND PLACEMENT PER FIRE MARSHALL  |
| SPRINKLER MAIN  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| SPRINKLER SYSTEM  | ●        |           |           |           |           |           |           | ●         | ●         | APPLICABLE DESIGN, ENGINEERING, & APPROVALS FOR MODIFICATIONS BY GC  |
| FIRE ALARM / DETECTION  | ●        |           |           |           |           |           |           | ●         | ●         | APPLICABLE DESIGN, ENGINEERING, & APPROVALS FOR MODIFICATIONS BY GC  |
| <b>14 PLUMBING (REFER TO PLUMBING DRAWINGS FOR FULL SCOPE)</b>  |          |           |           |           |           |           |           |           |           |  |
| EXISTING SERVICES TO SPACE  | ●        |           |           |           |           |           |           |           |           |  |
| WATER PIPING  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| WATER HEATER W/ DRIP PAN  | ●        |           |           |           |           |           |           |           |           |  |
| FIXTURES (VANITIES / SINKS, WATER CLOSETS, URINALS, SERVICE SINK, MOP SINK, FAUCETS, FLOOR SINKS, ETC.) |          |           |           |           |           |           |           | ●         | ●         |  |
| WATER FOUNTAIN W/ BOTTLE FILLER & ADA APRON   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| WATER METER   | ●        |           |           |           |           |           |           |           |           |  |
| NATURAL GAS METER   | ●        |           |           |           |           |           |           |           |           |  |
| NATURAL GAS PIPING  | ●        |           |           |           |           |           |           |           |           |  |
| COMPRESSED AIR SYSTEM   | ●        |           |           |           |           |           |           |           |           |  |
| <b>15 MECHANICAL (REFER TO MECHANICAL DRAWINGS FOR FULL SCOPE)</b>                                      |          |           |           |           |           |           |           |           |           |  |
| HVAC UNITS  | ●        |           |           |           |           |           |           |           |           |  |
| DUCTWORK  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| CONTROLS  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| DIFFUSERS AND GRILLES   |          |           |           |           |           |           |           | ●         | ●         |  |
| EXHAUST FANS  |          |           |           |           |           |           |           | ●         | ●         |  |
| CEILING FANS  |          |           |           |           |           |           |           | ●         | ●         |  |
| SMOKE DETECTION   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| TESTING, ADJUSTING, BALANCING   |          |           |           |           |           |           |           | ●         | ●         | G.C. TO SUBMIT BALANCE REPORT TO OWNER   |
| <b>16 ELECTRICAL (REFER TO ELECTRICAL DRAWINGS FOR FULL SCOPE)</b>                                      |          |           |           |           |           |           |           |           |           |  |
| METER & METER BOX   | ●        |           |           |           |           |           |           |           |           |  |
| MAIN SWITCH / DISCONNECT  | ●        |           |           |           |           |           |           |           |           |  |
| ELECTRICAL PANELS   | ●        |           |           |           |           |           |           |           |           |  |
| WIRING, DEVICES, CONDUIT, FINISH PLATES, DISCONNECTS, CONTACTORS, WIREWAYS, PHOTOCELLS, ETC.            | ●        |           |           |           |           |           |           | ●         | ●         |  |
| TRANSFORMER   | ●        |           |           |           |           |           |           |           |           |  |
| DISTRIBUTION PANELS   | ●        |           |           |           |           |           |           |           |           |  |
| LIGHTING PACKAGE (INCLUDES ALL LAMPS & LAMP GUARDS)   |          |           |           |           |           |           |           | ●         | ●         |  |
| EMERGENCY / EXIT LIGHTING   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| PHONE & DATA SERVICE TO BUILDING  | ●        |           |           |           |           |           |           |           |           |  |
| PHONE & DATA MODIFICATIONS  |          |           |           |           |           |           |           |           | ●         | WIRING, DEVICES, CONDUIT, ETC.   |
| POS EQUIPMENT & HOOKUP  |          |           |           |           |           |           |           |           | ●         |  |
| BURGLAR DETECTION / SECURITY SYSTEM   | ●        |           |           |           |           |           |           |           | ●         |  |
| <b>NOTES:</b>   |          |           |           |           |           |           |           |           |           |  |
| 1. THE WORK OF THIS CONTRACT IS NOT DEFINED EXCLUSIVELY BY THE RESPONSIBILITY SCHEDULE.                 |          |           |           |           |           |           |           |           |           |  |
| 2. TO DETERMINE THE WORK OF THE CONTRACT, REVIEW ALL DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS.   |          |           |           |           |           |           |           |           |           |  |

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**DISCOUNT TIRE**  
 TXD 39  
 693 E INTERSTATE 30  
 ROCKWALL, TX 75087

10/22/2024  
  
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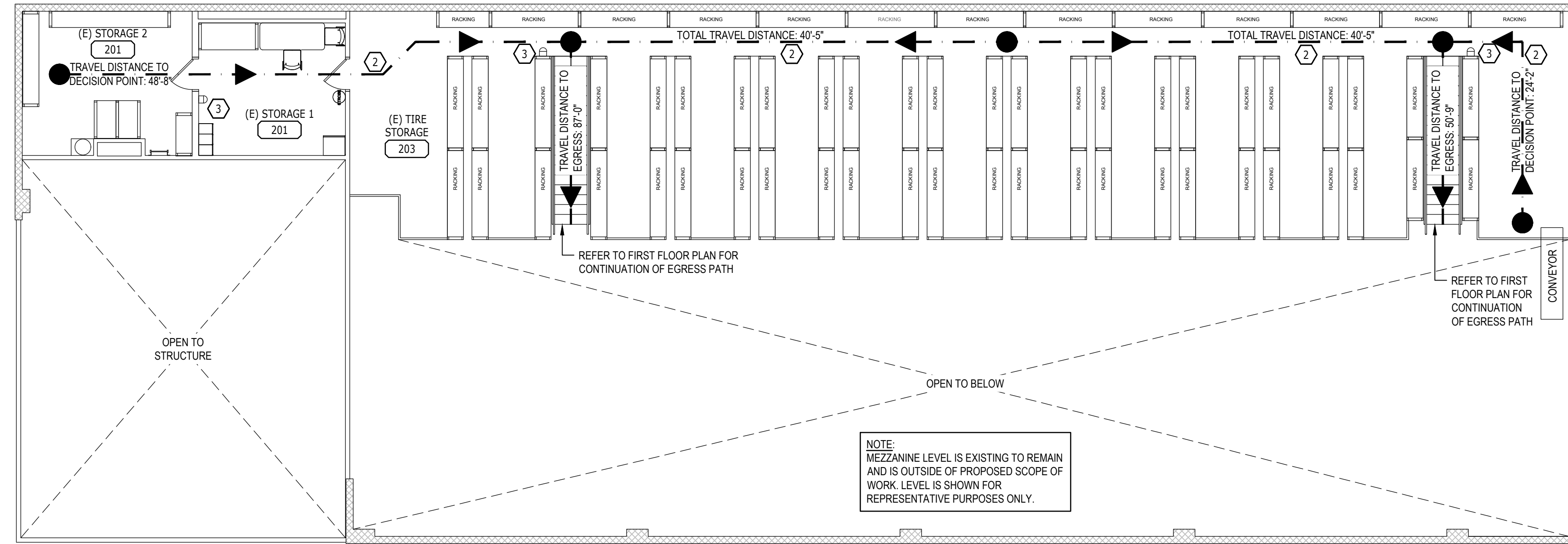
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**RESPONSIBILITY SCHEDULE**

SHEET #  
**G0.3**





**NOTE:**  
MEZZANINE LEVEL IS EXISTING TO REMAIN  
AND IS OUTSIDE OF PROPOSED SCOPE OF  
WORK. LEVEL IS SHOWN FOR  
REPRESENTATIVE PURPOSES ONLY.

**GENERAL NOTES**

- REFER TO SHEET G0.1 FOR APPLICABLE OCCUPANCY AND EGRESS CALCULATIONS.
- EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES.
- PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING:
  - THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
  - THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS.
  - PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
  - FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.
- STRUCTURAL ELEMENTS, FIXTURES OR FURNISHINGS SHALL NOT PROJECT HORIZONTALLY FROM EITHER SIDE MORE THAN 4 INCHES OVER ANY WALKING SURFACE BETWEEN 27 INCHES AND 80 INCHES ABOVE THE WALKING SURFACE. EXCEPTION: HANDRAILS SERVING STAIRS AND RAMP ARE PERMITTED TO PROTRUDE 4 1/2 INCHES FROM THE WALL.
- THE PATH OF EGRESS TRAVEL EXITS AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1013 AND AS NOTED BELOW:
  - EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
  - EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
  - NO POINT IN A CORRIDOR SHALL BE MORE THAN 100 FT OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.
- WHERE KEY OPERATED LOCKING DEVICES ARE USED, POST A SIGN ON OR ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITH 1 INCH LETTERING STATING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED".
- EGRESS DOORS OR GATES SHALL BE OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES TO 48 INCHES ABOVE FINISHED FLOOR. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- LANDINGS SHALL BE PROVIDED ON EACH SIDE OF DOORS AND SUCH LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE DOOR AND LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES.

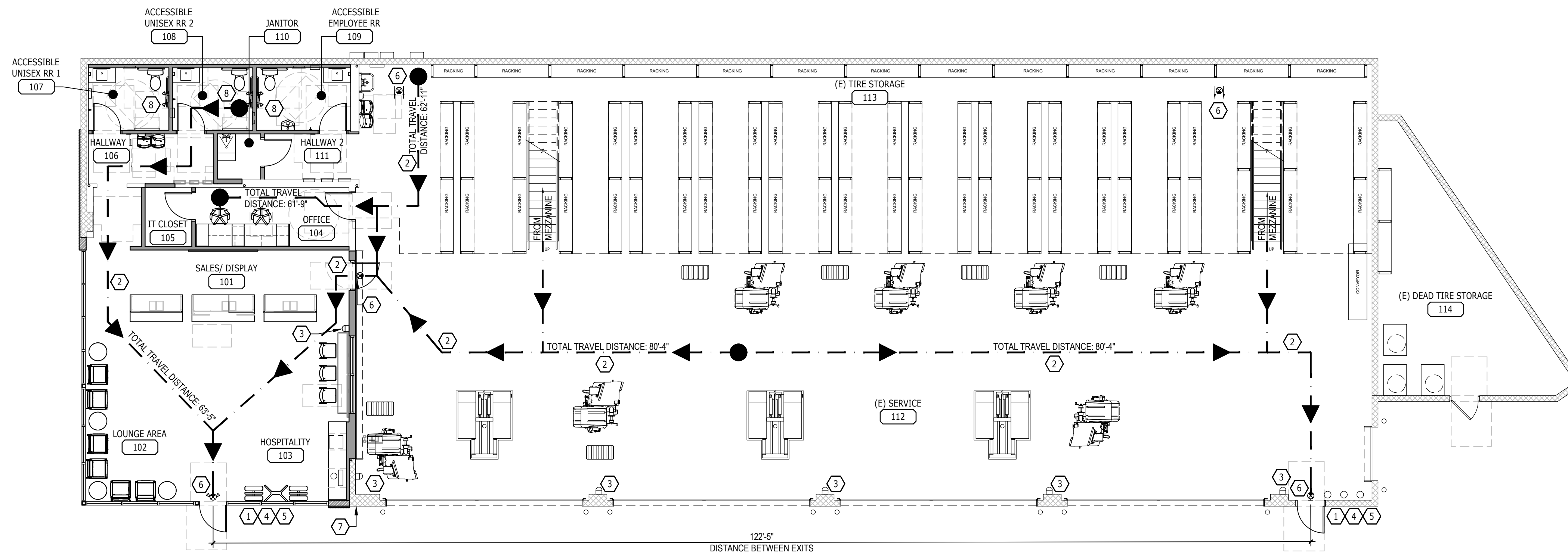
**SHEET NOTES**

- THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
- BARRIER-FREE PATH OF TRAVEL.
- FIRE EXTINGUISHER. NEW EXTINGUISHERS TO BE TYPE 2A10BC. COORDINATE FINAL LOCATIONS AND QUANTITIES WITH LOCAL FIRE MARSHAL.
- PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN.
- PROVIDE TACTILE "EXIT" SIGN.
- ILLUMINATED EXIT SIGN.
- KNOX BOX. IF NOT EXISTING, PROVIDE BOX PER LOCAL REQUIREMENTS, COORDINATE TYPE AND LOCATION WITH LOCAL FIRE MARSHAL.
- EMERGENCY LIGHT WALL PACK.

**LIFE SAFETY LEGEND**

- EGRESS PATH OF TRAVEL
- EGRESS PATH DIRECTION OF TRAVEL
- FIRE EXTINGUISHER
- ILLUMINATED EXIT SIGN
- ILLUMINATED EXIT SIGN W/ EMERGENCY LIGHT
- EMERGENCY LIGHT WALL PACK

**2** EXISTING MEZZANINE LIFE SAFETY & EGRESS PLAN  
1/8" = 1'-0"

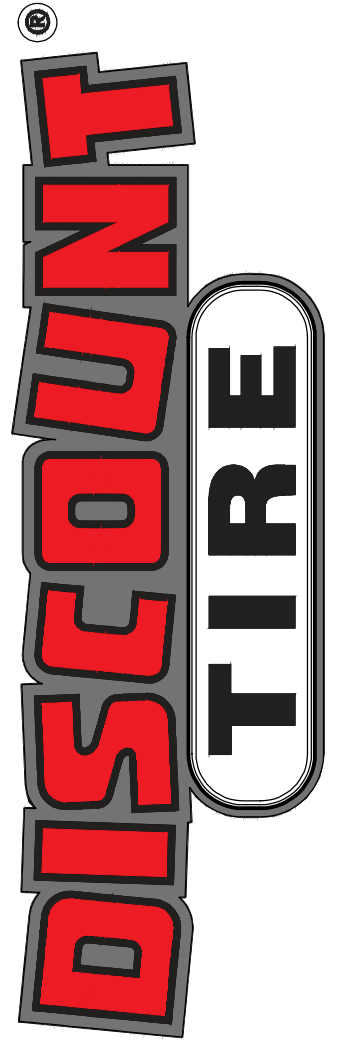


**1** FIRST FLOOR LIFE SAFETY & EGRESS PLAN  
1/8" = 1'-0"



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10/22/2024



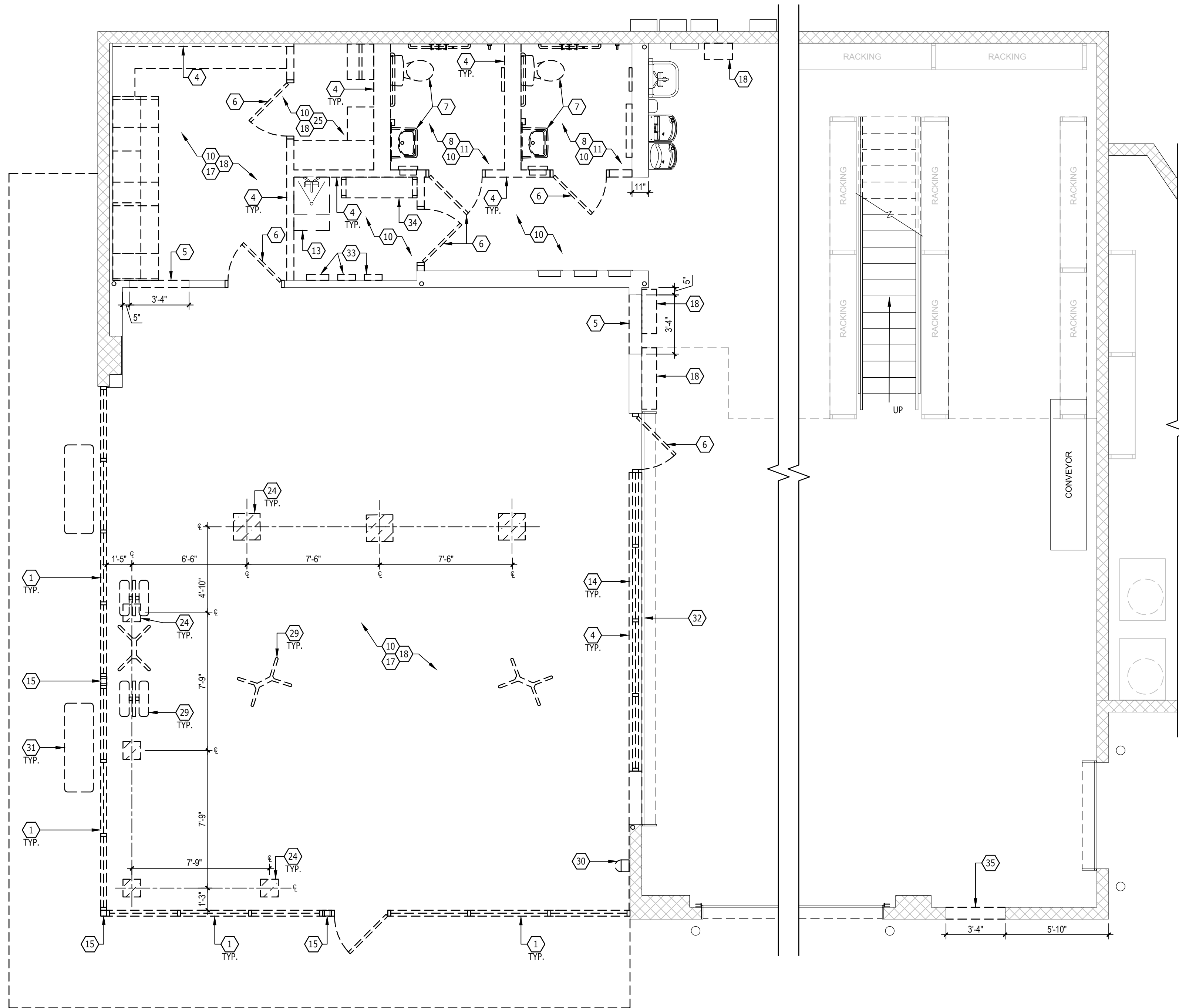
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| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**LIFE SAFETY PLANS**

SHEET #  
**G1.0**



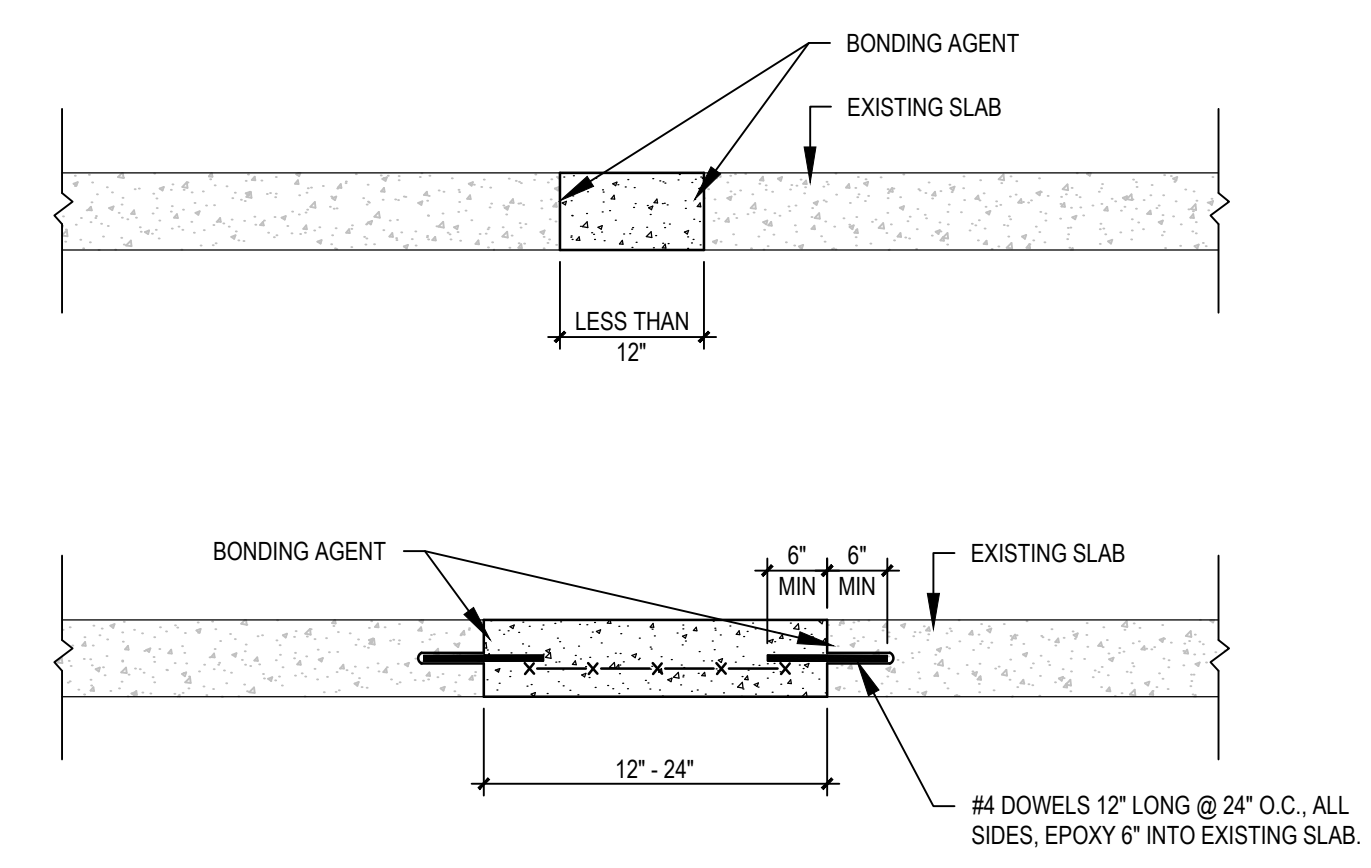
**SHEET NOTES**

1. EXISTING EXTERIOR STOREFRONT / GLAZING TO BE REMOVED. GC TO REPAIR OPENING AS REQUIRED TO ACCEPT NEW GLAZING SYSTEM AND/OR NEW EXTERIOR WALL INFILL.
2. EXISTING EXTERIOR STOREFRONT / GLAZING SYSTEM TO REMAIN. GC TO REPAIR / CLEAN AS REQUIRED TO BRING UP TO "LIKE NEW" CONDITION.
3. EXISTING SIDEWALK AND/OR LANDSCAPING TO BE REMOVED AS REQUIRED TO PLACE NEW STEM WALL FOR NEW EXTERIOR FRAME ELEMENT INSTALLATION. REFER TO STRUCTURAL DRAWINGS.
4. EXISTING INTERIOR WALLS TO BE REMOVED, AS INDICATED.
5. EXISTING INTERIOR WALL TO BE REMOVED AS REQUIRED TO ACCEPT NEW DOOR INSTALL.
6. EXISTING INTERIOR DOORS TO BE REMOVED, AS INDICATED.
7. EXISTING PLUMBING FIXTURE TO BE REMOVED, AS INDICATED.
8. EXISTING RESTROOM ACCESSORIES TO BE REMOVED, UNLESS NOTED OTHERWISE TO REMAIN.
9. EXISTING DRINKING FOUNTAIN TO BE REMOVED AND SALVAGED FOR RELOCATION.
10. EXISTING FLOORING AND WALL BASE TO BE REMOVED. LEVEL AND PREPARE EXISTING SLAB / SUBSTRATE FOR NEW FLOORING FINISH.
11. EXISTING WALL TILE AND/OR FRP TO BE REMOVED. PREPARE SUBSTRATE TO RECEIVE NEW FINISHES.
12. EXISTING SERVICE SINK TO BE REMOVED AND SALVAGED FOR RELOCATION.
13. EXISTING MOP SINK TO BE REMOVED.
14. EXISTING INTERIOR GLAZING TO BE REMOVED.
15. EXISTING STRUCTURAL COLUMN TO REMAIN. GC TO REMOVE EXISTING SURROUND AND EXPOSE COLUMN FOR NEW SURROUND FINISH INSTALL.
16. EXISTING WATER METER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS.
17. EXISTING MILLWORK TO BE REMOVED.
18. EXISTING FIXTURES TO BE REMOVED.
19. EXISTING ELECTRICAL PANELS TO BE REMOVED.
20. EXISTING ELECTRICAL PANELS TO BE REMOVED AND SALVAGED FOR RELOCATION. REFER TO CONSTRUCTION FLOOR PLAN AND ELECTRICAL DRAWINGS.
21. EXISTING BOLLARD TO BE REMOVED.
22. EXISTING GAS METER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS.
23. EXISTING ELECTRICAL METER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS.
24. PROVIDE TRENCHING AND BACK FILL AS REQUIRED FOR NEW FLOOR BOXES. REFER TO ELECTRICAL DRAWINGS.
25. IT EQUIPMENT. GC TO COORDINATE APPLICABLE SCOPE (REMOVAL, RELOCATION, AND/OR REPLACEMENT) WITH DISCOUNT TIRE.
26. EXISTING RESTROOM ACCESSORY TO REMAIN.
27. EXISTING FLOOR DRAIN TO BE REMOVED. PREP EXISTING UNDERSLAB SANITARY AS REQUIRED FOR NEW FLOOR DRAIN LOCATION.
28. EXISTING FLOOR DRAIN TO REMAIN.
29. EXISTING TIRE DISPLAY FIXTURES TO BE REMOVED AND SALVAGED FOR REINSTALL. REFER TO SHEET I1.0 FOR PLACEMENT.
30. EXISTING FIRE EXTINGUISHER TO BE REMOVED AND SALVAGED FOR RELOCATION.
31. EXISTING EXTERIOR BENCHES TO BE REMOVED.
32. EXISTING ROLL - DOWN FIRE DOOR TO REMAIN.
33. EXISTING FIRE ALARM CONTROL PANEL TO BE REMOVED AND SALVAGED FOR RELOCATION.
34. EXISTING SHELVING TO BE REMOVED.
35. EXISTING EXTERIOR WALL TO BE REMOVED AS INDICATED TO ACCEPT NEW DOOR INSTALL.

**DEMO PLAN LEGEND**

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- EXISTING MASONRY TO REMAIN

NOTE:  
SLAB TRENCH DETAILING, SHOULD IT  
BE PROVIDED BY STRUCTURAL, SHALL  
SUPERCEDE THESE DETAILS.



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

**1** TYPICAL SLAB TRENCH BACKFILL DETAILS  
3/4" = 1'-0"

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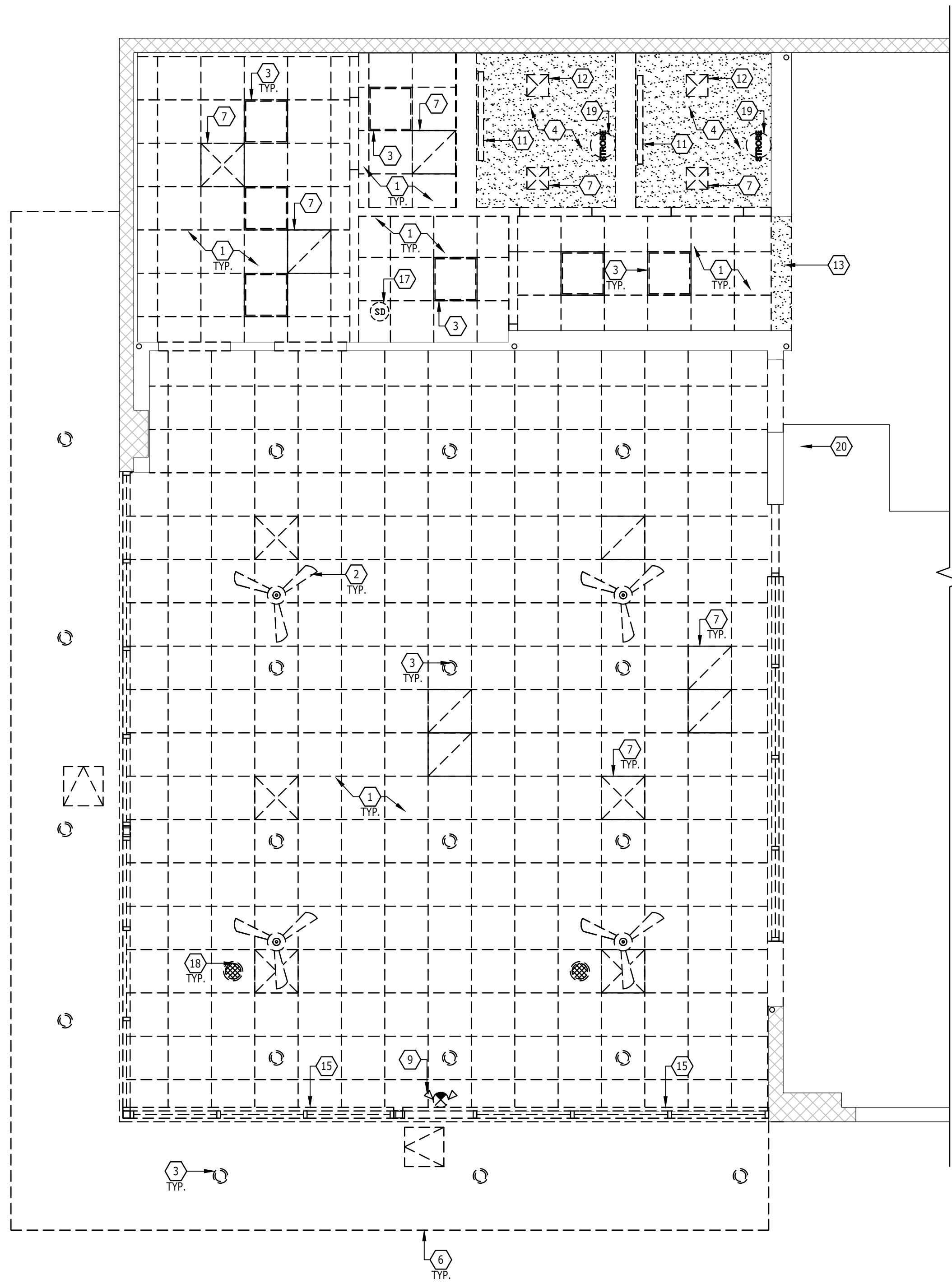
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| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**DEMOLITION FLOOR PLAN**

SHEET #  
**D1.0**







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



**SHEET NOTES**

1. EXISTING CEILING GRID AND TILES TO BE REMOVED.
2. EXISTING CEILING FANS TO BE REMOVED.
3. EXISTING LIGHT FIXTURES TO BE REMOVED.
4. EXISTING GYPSUM BOARD CEILING TO BE REMOVED.
5. EXISTING GYPSUM BOARD CEILING TO REMAIN. GO TO PATCH AND REPAIR AS REQUIRED TO "LIKE NEW" CONDITION. PREP EXISTING CEILING TO RECEIVE EXPANSION, AS APPLICABLE PER SCOPE. REFER TO RCP.
6. EXISTING MANSARD ROOF TO BE REMOVED.
7. EXISTING MECHANICAL AIR DEVICE TO BE REMOVED.
8. EXISTING CANOPY TO BE REMOVED.
9. EXISTING ILLUMINATED EXIT SIGN TO BE REMOVED.
10. EXISTING ILLUMINATED EXIT SIGN TO BE REMOVED AND SALVAGED FOR RELOCATION.
11. EXISTING WALL MOUNTED LIGHT FIXTURE TO BE REMOVED.
12. EXISTING EXHAUST FAN TO BE REMOVED.
13. EXISTING SOFFIT TO BE REMOVED.
14. EXISTING EMERGENCY LIGHT WALL PACK TO BE REMOVED.
15. EXISTING ROLLER SHADES TO BE REMOVED. MAINTAIN MOTORS AND CIRCUITING FOR NEW ROLLER SHADES AS REQUIRED. REFER TO ELECTRICAL DRAWINGS.
16. EXISTING SPRINKLER HEAD. REFER TO FIRE PROTECTION DRAWINGS.
17. EXISTING SMOKE DETECTOR TO BE RECONFIGURED AS REQ'D. REFER TO ENGINEERED DRAWINGS. SUBMITTED VIA DEFERRED SUBMITTAL.
18. EXISTING SPEAKER, TO BE RECONFIGURED PER OWNER VENDOR.
19. EXISTING STROBE DEVICE TO BE REMOVED.
20. EXISTING STROBE DEVICE TO REMAIN.

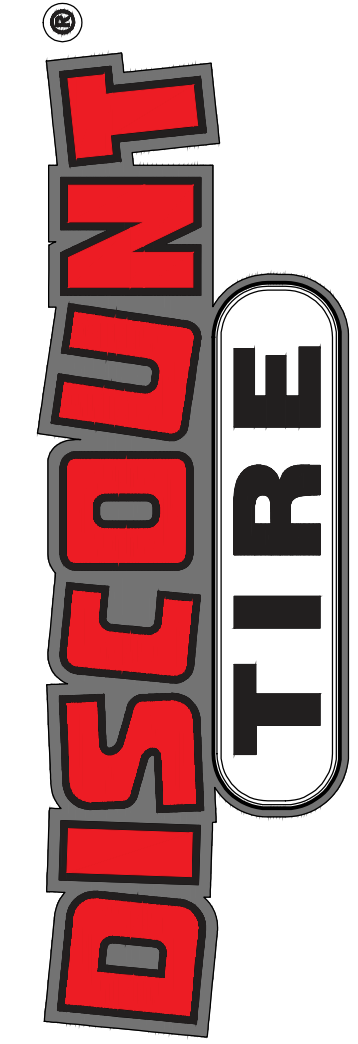
**DEMO PLAN LEGEND**

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- ▨ EXISTING MASONRY TO REMAIN

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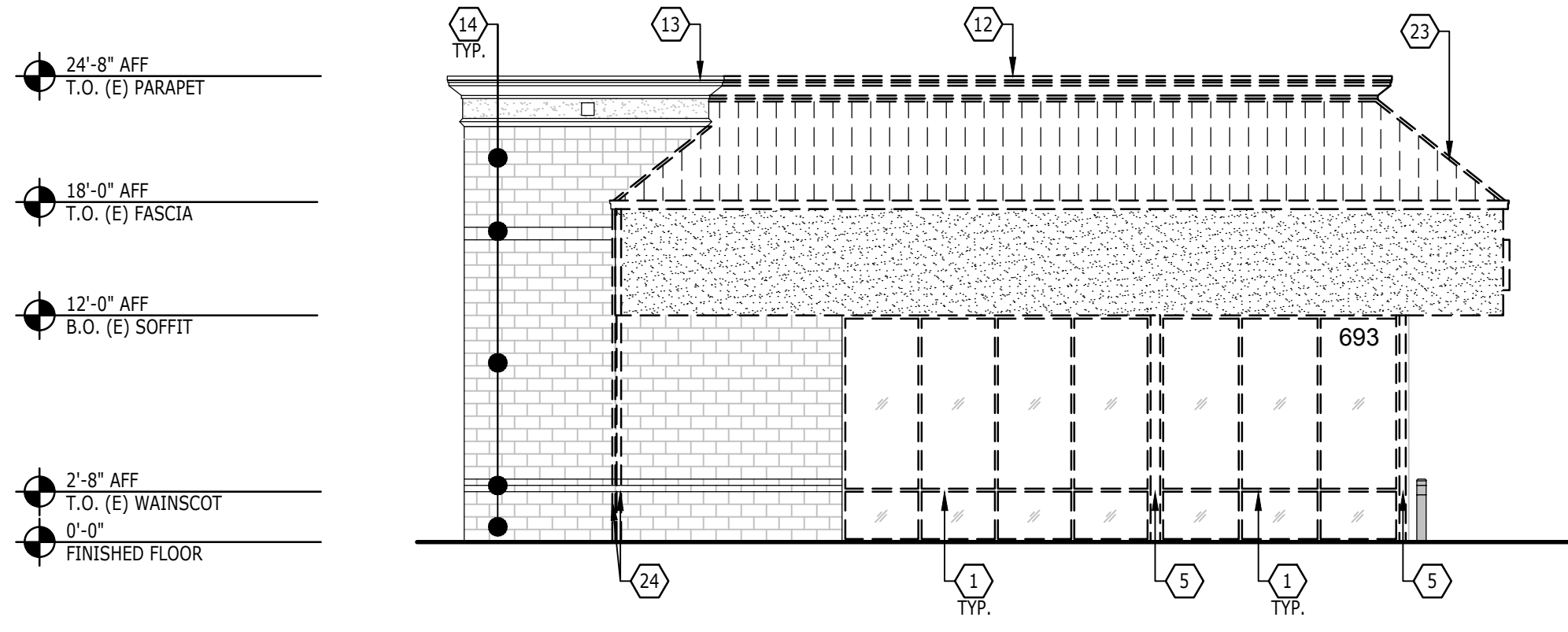
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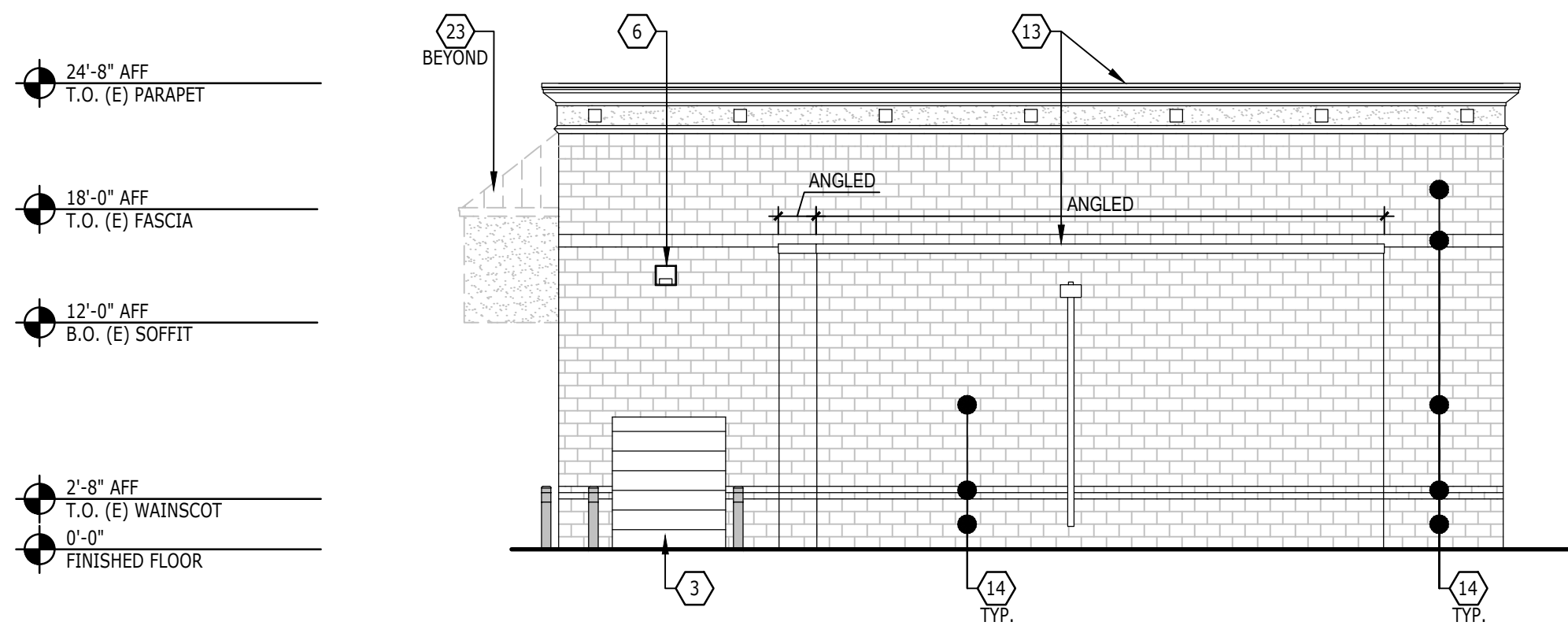
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SHEET NAME  
**DEMOLITION REFLECTED CEILING PLAN**

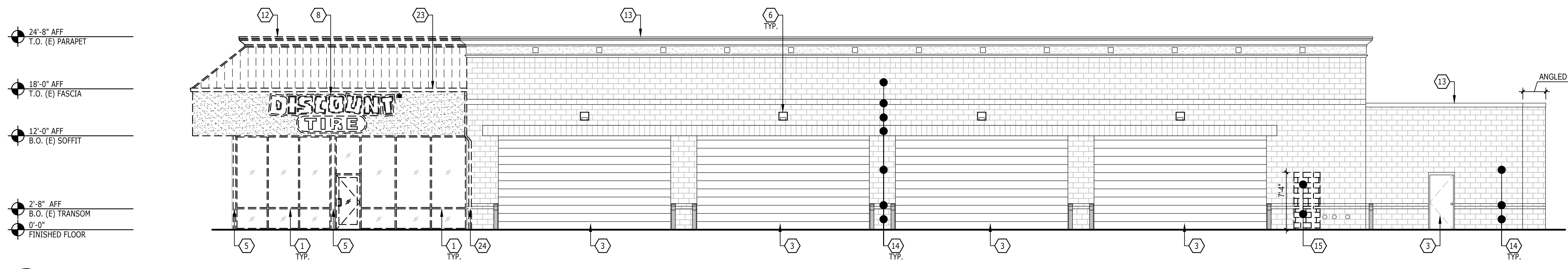
SHEET #  
**D1.1**



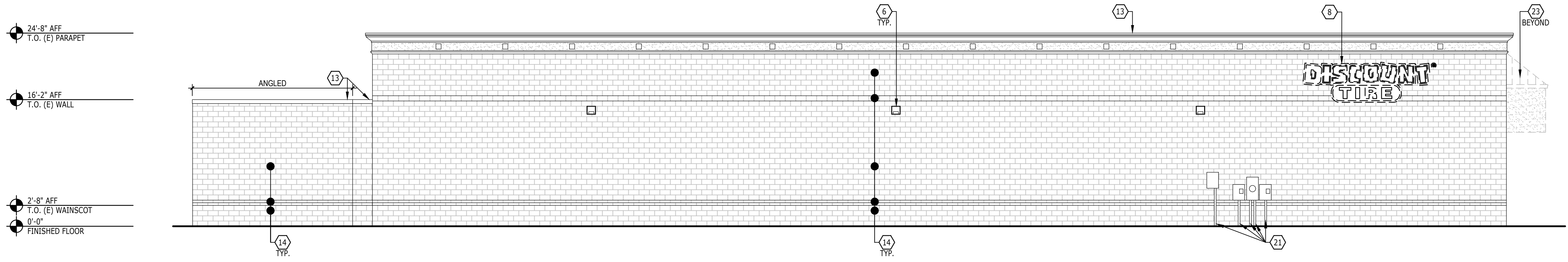
**5 NORTH DEMO ELEVATION**  
1/8" = 1'-0"



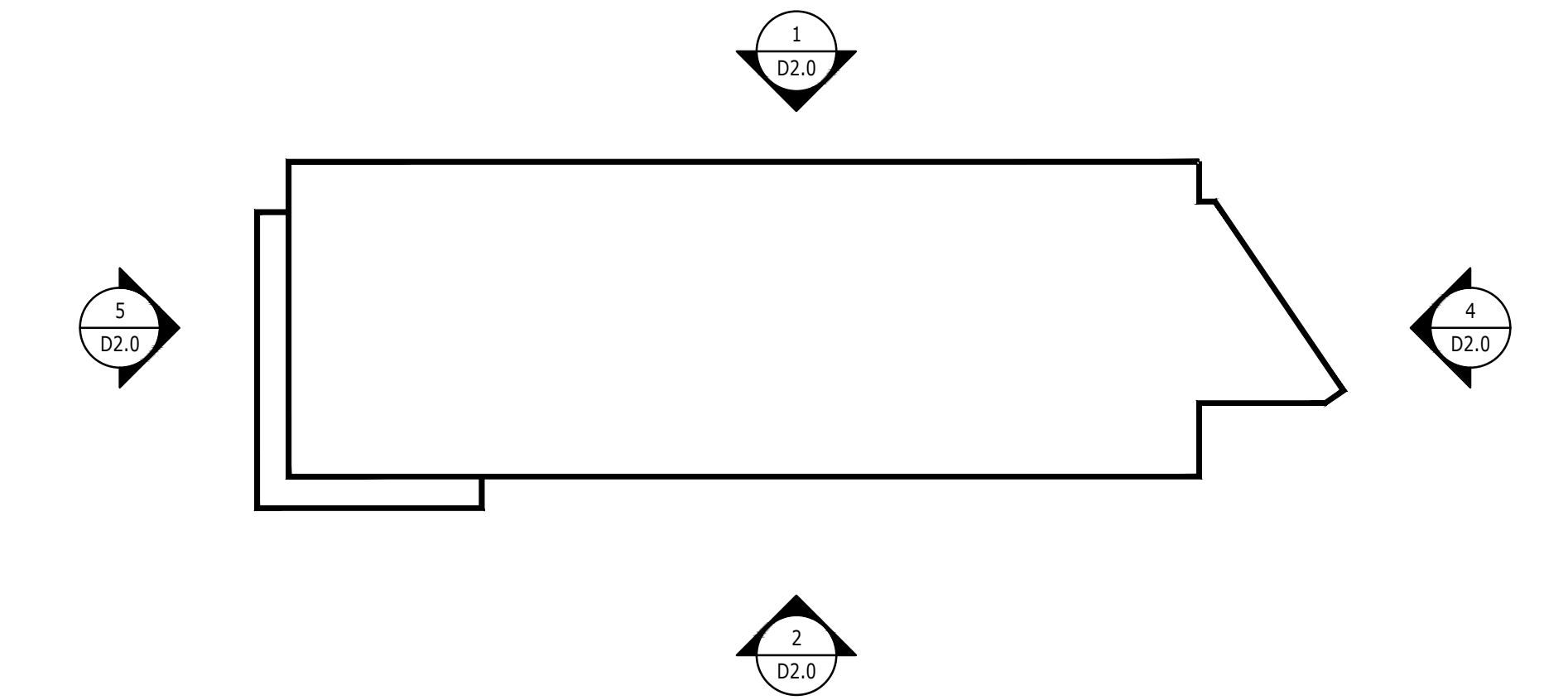
**4 SOUTH DEMO ELEVATION**  
1/8" = 1'-0"



**2 WEST DEMO ELEVATION**  
1/8" = 1'-0"



**1 EAST DEMO ELEVATION**  
1/8" = 1'-0"



**3 DEMO ELEVATION KEY PLAN**  
N.T.S.

**SHEET NOTES**

1. EXISTING STOREFRONT GLAZING SYSTEM TO BE REMOVED.
2. EXISTING STOREFRONT GLAZING SYSTEM TO REMAIN. GC TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING UP TO "LIKE NEW" CONDITION.
3. EXISTING EXTERIOR DOOR TO REMAIN. GC TO CLEAN AND/OR REPAIR AS REQUIRED TO ACCEPT NEW FINISH.
4. EXISTING EXTERIOR DOOR TO BE REMOVED.
5. EXISTING BASE BUILDING STRUCTURAL COLUMN TO REMAIN. GC TO REMOVE EXISTING SURROUND AND FINISH TO EXPOSE COLUMN, PREPARE AS REQUIRED TO RECEIVE NEW SURROUND AND FINISH.
6. EXISTING WALL MOUNTED LIGHT FIXTURE TO REMAIN.
7. EXISTING WALL MOUNTED LIGHT FIXTURE TO BE REMOVED.
8. EXISTING WALL MOUNTED ILLUMINATED SIGNAGE TO BE RELOCATED. GC TO PATCH / REPAIR ANY PENETRATIONS AS REQUIRED FOR NEW FINISHES AND SIGNAGE REINSTALL.
9. EXISTING WALL MOUNTED ILLUMINATED SIGNAGE TO REMAIN.
10. EXISTING ADDRESS LETTERS TO BE REMOVED.
11. EXISTING ADDRESS LETTERS TO REMAIN.
12. EXISTING MOLDING / COPING TO BE REMOVED.
13. EXISTING MOLDING / COPING TO REMAIN.
14. EXISTING MASONRY TO REMAIN. GC TO PATCH / REPAIR AS REQUIRED AND PREPARE SURFACE TO RECEIVE NEW FINISHES.
15. EXISTING MASONRY TO BE REMOVED AS INDICATED. REFER TO ARCHITECTURAL FLOOR PLAN AND STRUCTURAL DRAWINGS AS REQUIRED FOR NEW WORK.
16. EXISTING TRASH ENCLOSURE TO REMAIN. GC TO PATCH / REPAIR AS REQUIRED AND PREPARE SURFACES TO RECEIVE NEW FINISHES.
17. EXISTING EIFS TO BE REMOVED AS INDICATED. GC TO PATCH / REPAIR MASONRY / SUBSTRATE AS REQUIRED TO ACCEPT NEW CONSTRUCTION / FINISH.
18. EXISTING EIFS TO REMAIN. GC TO PATCH / REPAIR AS REQUIRED TO BRING UP TO "LIKE NEW" CONDITION AND PREPARE AS REQUIRED TO RECEIVE NEW FINISH.
19. EXISTING GAS METER TO REMAIN.
20. EXISTING GAS METER TO BE REMOVED AND RELOCATED. REFER TO PLUMBING DRAWINGS.
21. EXISTING ELECTRIC METER / EQUIPMENT TO REMAIN.
22. EXISTING ELECTRIC METER / EQUIPMENT TO BE REMOVED AND RELOCATED. REFER TO ELECTRICAL DRAWINGS.
23. EXISTING MANSARD CONSTRUCTION TO BE REMOVED. SEE ELEVATIONS, SECTIONS, AND DETAILS FOR EXTENT OF EXISTING PARAPET CONSTRUCTION TO REMAIN.
24. EXISTING SCUPPER AND DOWNSPOUT TO BE REMOVED.

**DEMO ELEVATION LEGEND**

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN

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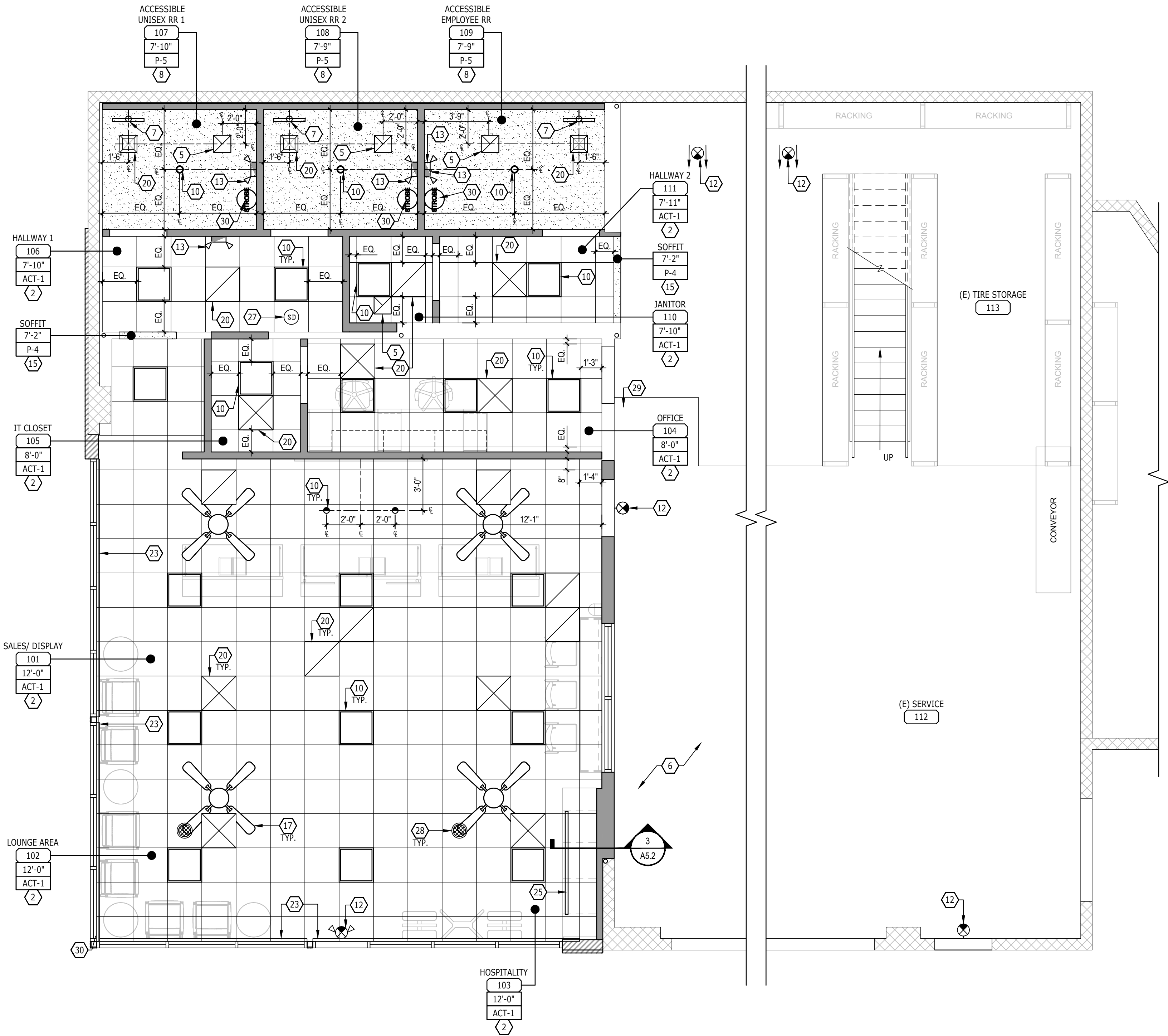
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SHEET NAME  
**DEMOLITION EXTERIOR ELEVATIONS**

SHEET #  
**D2.0**







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



**GENERAL NOTES**

- ALL CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR TO UNDERSIDE OF FINISH CEILING OR LIGHT FIXTURE, TYP. UNLESS OTHERWISE NOTED.
- GC SHALL SET ALL CEILING AND SOFFITS USING A LASER LEVEL TO ACHIEVE A CEILING THAT IS PLUMB, LEVEL AND SQUARE TO ALL WALLS AND SOFFITS.
- LATERAL BRACING FOR SUSPENDED CEILINGS MUST BE PROVIDED BY CEILING CONTRACTOR. ADDITIONAL HANGER AND SAFETY WIRES FOR LIGHT FIXTURES, DUCTWORK, ETC. TO BE THE RESPONSIBILITY OF THE CEILING CONTRACTOR.
- REFER TO MECHANICAL DRAWINGS FOR SUSPENDED DUCTWORK SCOPE.
- PROVIDE ADEQUATE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS AND RELATED PERTINENT ITEMS NECESSARY TO MAINTAIN SPECIFIC HEIGHTS ABOVE FINISHED FLOOR.
- GC TO PROVIDE NECESSARY BLOCKING AND BRACING FOR FIXTURE INSTALLATION AND ALL ELECTRICAL COMPONENTS TO COMPLETE THE FINAL INSTALLATION OF ALL FIXTURES. COORDINATE WITH FIXTURE SUPPLIER.
- COORDINATE ANY REQUIRED CEILING ACCESS DOORS WITH CONSTRUCTION MANAGER TO MAINTAIN ACCESS TO APPLICABLE ABOVE CEILING EQUIPMENT, UTILITIES, ETC.
- REFER TO INTERIOR FINISH SCHEDULE ON SHEET I1.0 AS NEEDED TO VERIFY FINISH SPECIFICATIONS.
- ANY MODIFICATIONS TO APPLICABLE EXISTING FIRE SPRINKLER / FIRE ALARM SYSTEMS TO BE COMPLETED BY LICENSED FS / FA CONTRACTOR, TO BE SUBMITTED UNDER SEPARATE COVER OR DEFERRED SUBMITTAL.

**SHEET NOTES**

- 2' X 4' ACT SYSTEM, REFER TO FINISH SCHEDULE.
- 2' X 2' ACT SYSTEM, REFER TO FINISH SCHEDULE.
- EXISTING GRID SYSTEM, PROVIDE NEW ACT AS SPECIFIED, REFER TO FINISH SCHEDULE.
- EXISTING ACT SYSTEM.
- EXHAUST FAN, REFER TO MECHANICAL DRAWINGS.
- NO CEILING, OPEN TO ROOF STRUCTURE. AREA IS OUT OF SCOPE AND NOT IMPACTED BY PROPOSED WORK.
- WALL MOUNTED LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- GYPSUM BOARD CEILING.
- EXISTING GYPSUM BOARD CEILING.
- LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- EXISTING LIGHT FIXTURE.
- EXIT SIGN, REFER TO ELECTRICAL DRAWINGS.
- EMERGENCY LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- EXISTING EMERGENCY LIGHT FIXTURE.
- GYPSUM BOARD SOFFIT.
- EXISTING GYPSUM BOARD SOFFIT, PATCH AND REPAIR AS REQUIRED.
- CEILING FAN, COLOR TO MATCH CEILING ABOVE, REFER TO MECHANICAL DRAWINGS.
- ALUMINUM GANGWAY, REFER TO EXTERIOR ELEVATIONS, SECTIONS, AND DETAILS.
- EXISTING GANGWAY.
- SUPPLY DIFFUSER / RETURN GRILLE, REFER TO MECHANICAL DRAWINGS. ALL AIR DEVICES ARE TO MATCH COLOR OF ADJACENT CEILING.
- RELOCATED MECHANICAL SUPPLY DIFFUSER / RETURN GRILLE, GO TO CLEAN PRIOR TO REINSTALLATION, REFER TO MECHANICAL DRAWINGS.
- EXISTING MECHANICAL SUPPLY DIFFUSER / RETURN GRILLE, GO TO CLEAN AS REQUIRED.
- VENDOR INSTALL INSOLROLL 2000 MOTORIZED SOLAR SCREEN SHADES, COLOR: GRAY, GC COORDINATE INSTALL AS REQUIRED WITH OWNER, REFER TO ELECTRICAL DRAWINGS.
- SPRINKLER HEAD, REFER TO FIRE PROTECTION DRAWINGS.
- LED TAPE STRIP INSTALLED BEHIND HOSPITALITY BAR MILLWORK LIGHT VALANCE. REFER TO MILLWORK VENDOR INSTRUCTIONS, LIGHTING PLAN, AND ELECTRICAL PLAN.
- EXISTING ILLUMINATED EXIT SIGN TO REMAIN.
- EXISTING SMOKE DETECTOR TO BE RECONFIGURED AS REQD. REFER TO ENGINEERED DRAWINGS, SUBMITTED VIA DEFERRED SUBMITTAL.
- SPEAKER, SHOWN FOR REPRESENTATION ONLY, RELOCATED AND/OR REINSTALLED PER OWNER.
- EXISTING EMERGENCY STROBE DEVICE.
- EMERGENCY STROBE DEVICE.

**REFLECTED CEILING PLAN LEGEND**

| SYMBOL | MARK  | DESCRIPTION  | REMARKS  |
|--------|-------|--|--|
|        | ACT-1 | 2' X 2' ACOUSTICAL CEILING TILE                        | T-BAR CEILING GRID SUSPENDED FROM STRUCTURE ABOVE.                 |
|        | ACT-2 | 2' X 4' ACOUSTICAL CEILING TILE                        | T-BAR CEILING GRID SUSPENDED FROM STRUCTURE ABOVE.                 |
|        | A1    | LED TAPE STRIP   | HOSPITALITY BAR MILLWORK   |
|        | A2    | WALL SCONCE  | RESTROOMS  |
|        | A3    | RECESSED DOWNLIGHT                                     | ---  |
|        | A4    | RECESSED WALL WASHER                                   | ---  |
|        | A5    | 2' X 2' TROFFER  | LED  |
|        | A6    | 2' X 4' TROFFER  | LED  |
|        | C     | CEILING FAN  | COLOR OF FAN TO MATCH COLOR OF CEILING ABOVE.                      |
|        | E1    | HIGH BAY   | LED  |
|        | E2    | EXTERIOR DOWNLIGHT                                     | LED, WET LOCATION  |
|        | ---   | SUPPLY AIR DIFFUSER                                    | FINISH COLOR TO MATCH ADJACENT CEILING, COORD. W/ MECHANICAL DWGS. |
|        | ---   | RETURN AIR GRILLE                                      | FINISH COLOR TO MATCH ADJACENT CEILING, COORD. W/ MECHANICAL DWGS. |
|        | ---   | EXHAUST FAN  | FINISH COLOR TO MATCH ADJACENT CEILING, COORD. W/ MECHANICAL DWGS. |
|        | ---   | EMERGENCY LIGHT  | WALL PACK  |
|        | ---   | ILLUMINATED EXIT SIGN                                  | ---  |
|        | ---   | COMBINATION ILLUMINATED EXIT SIGN / EMERGENCY LIGHTING | ---  |

- NOTES:**
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS TO CONFIRM FIXTURE SPECIFICATIONS.
  - ALL LIGHT FIXTURES ARE FURNISHED BY OWNER, INSTALLED BY ELECTRICAL CONTRACTOR.
  - INSTALL ALL LIGHT FIXTURES PER MANUFACTURER'S RECOMMENDATIONS / SPECIFICATIONS AND PER APPLICABLE CODE REQUIREMENTS.



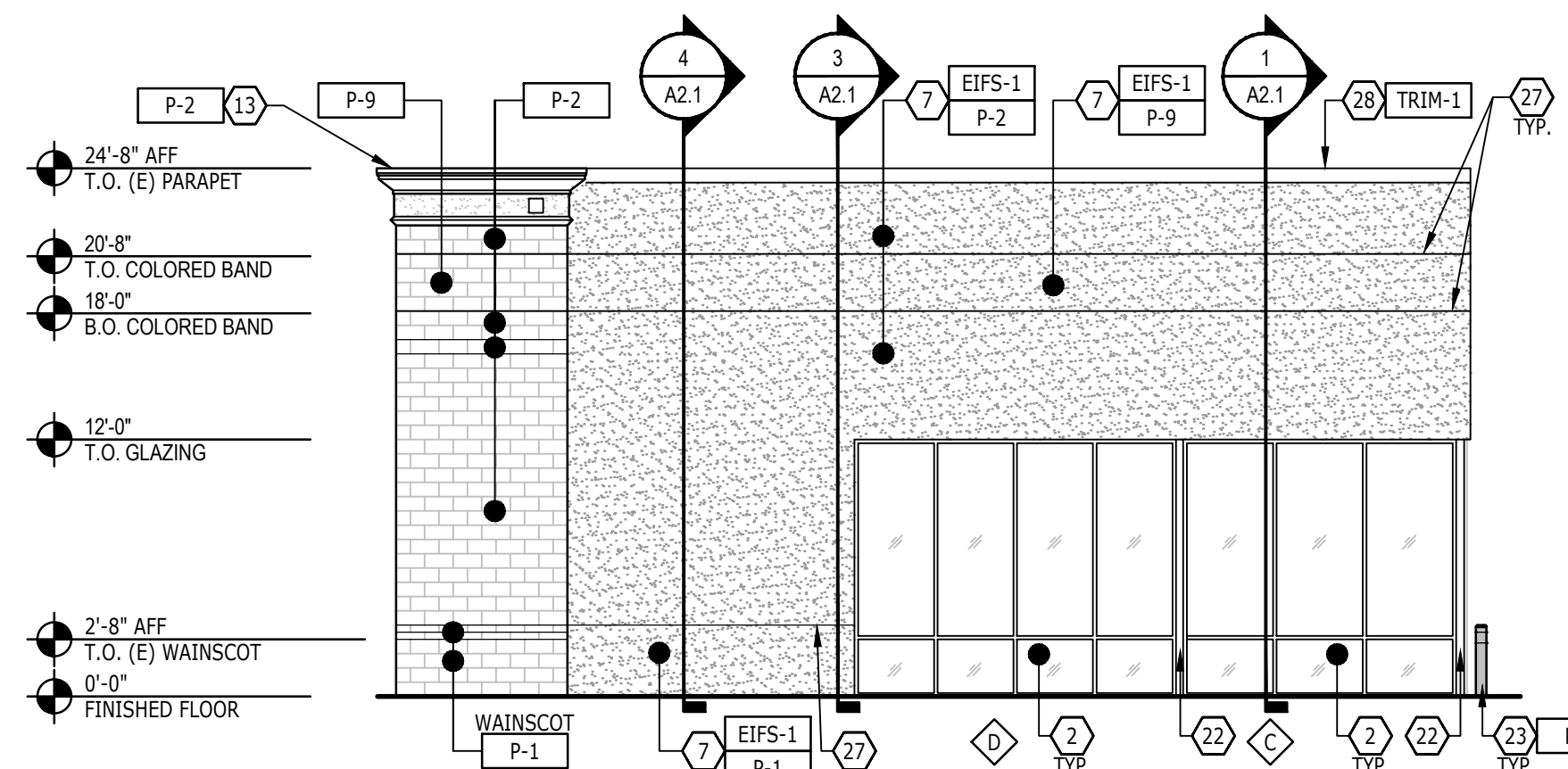
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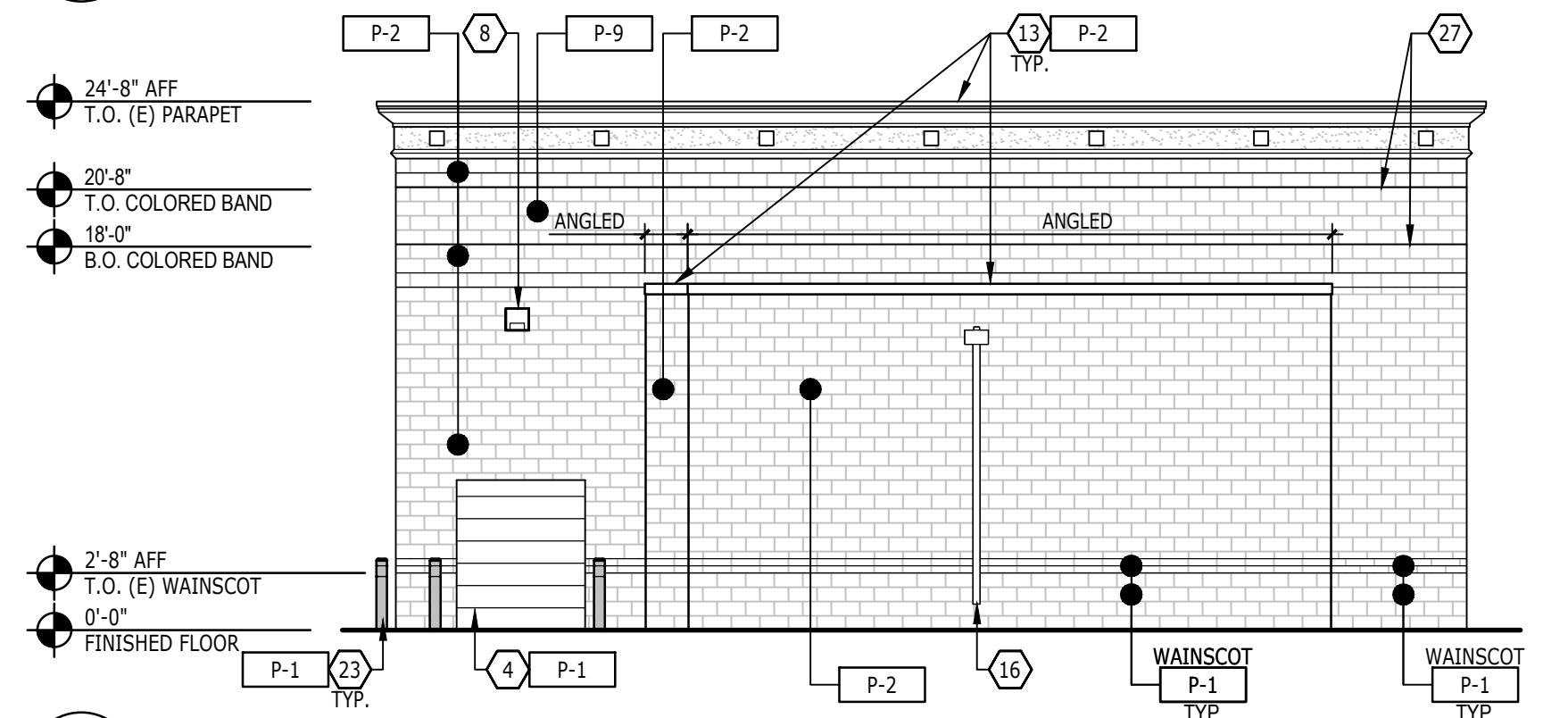
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SHEET NAME  
**REFLECTED CEILING PLAN**

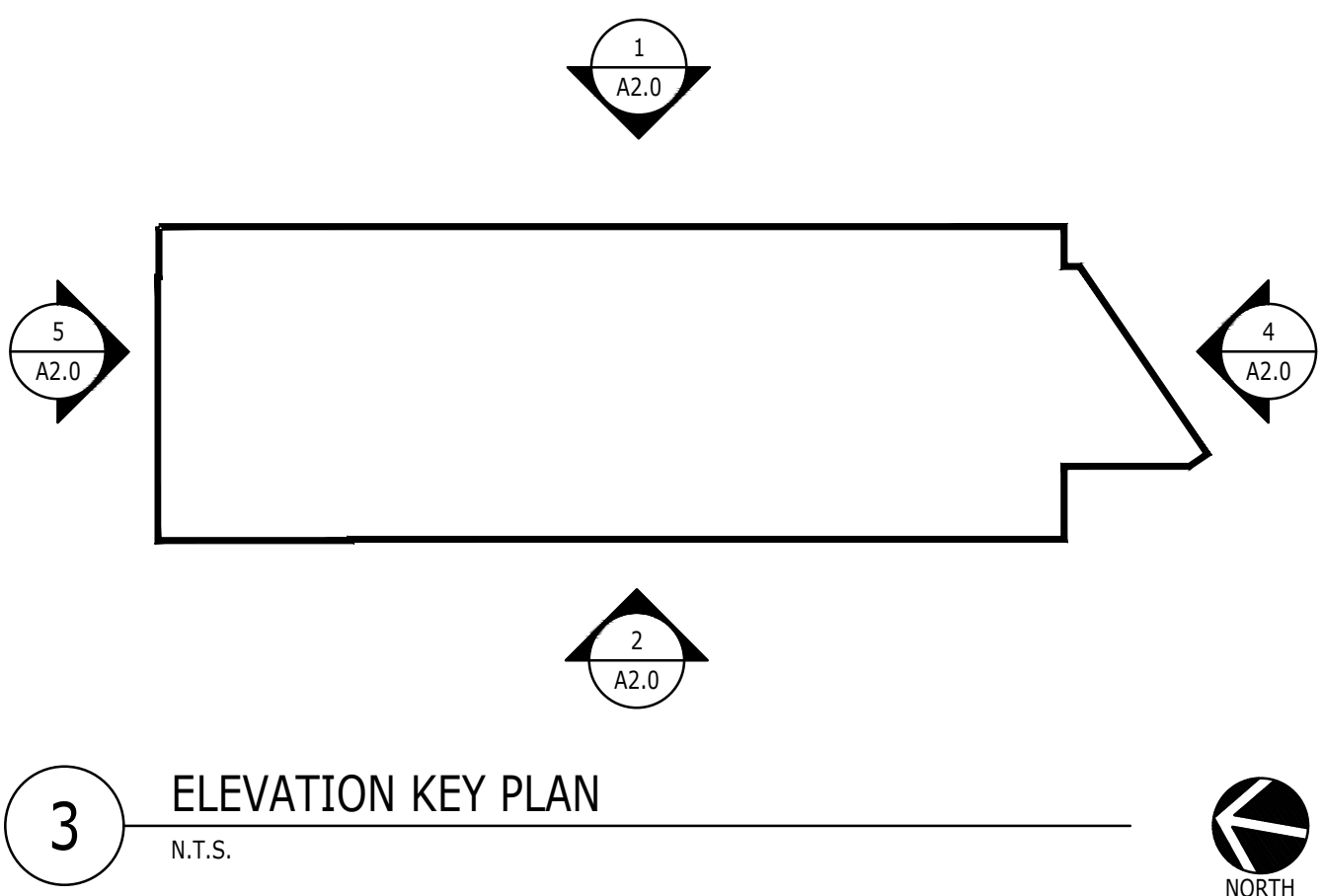
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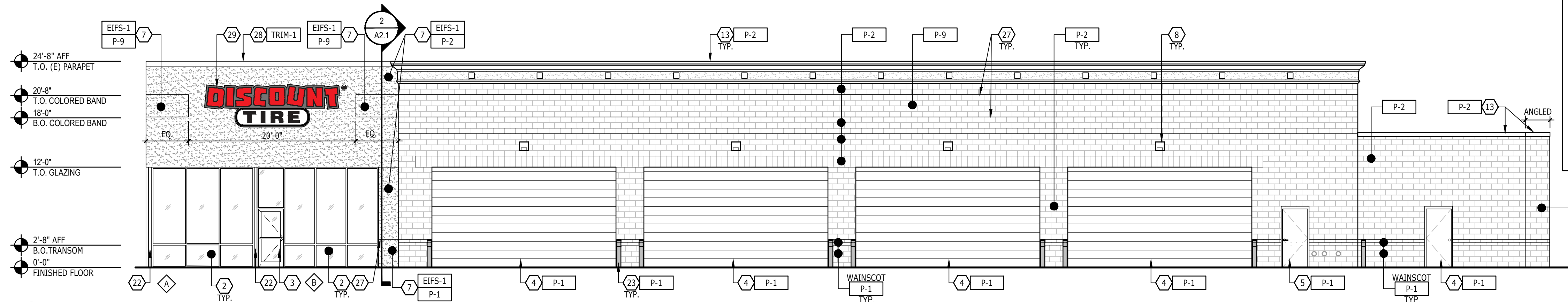
**5 NORTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



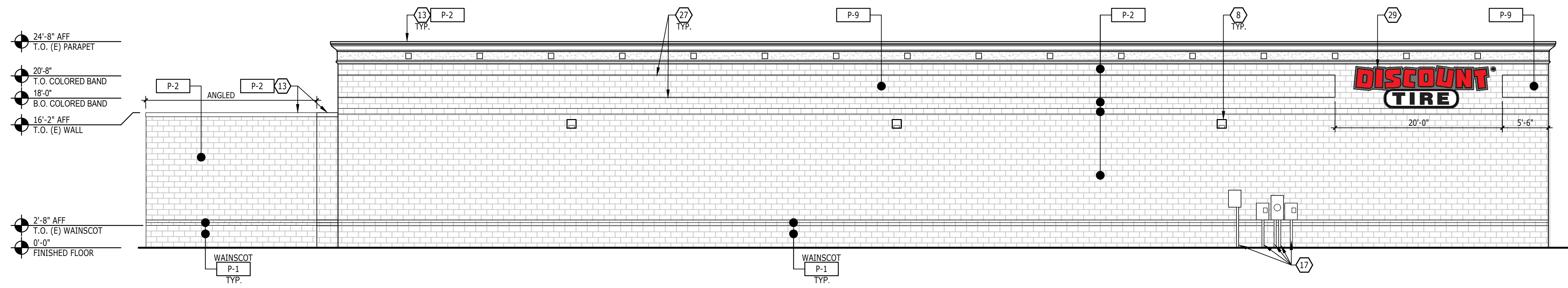
**4 SOUTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



**3 ELEVATION KEY PLAN**  
N.T.S.



**2 WEST EXTERIOR ELEVATION**  
1/8" = 1'-0"



**1 EAST EXTERIOR ELEVATION**  
1/8" = 1'-0"

| EXTERIOR FINISH SCHEDULE |                                  |                     |   |                        |  |   |
|--------------------------|----------------------------------|---------------------|---|------------------------|--|---|
| CODE                     | MATERIAL                         | MANUFACTURER        | PRODUCT / COLOR   | LOCATION               | REMARKS  | CONTACT   |
| CLAD-1                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BONE WHITE  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-1A                  | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE OYSTER (ALTERNATE)  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-2                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE PATRIOT RED   | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-3                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BRUSHED STAINLESS   | EXTERIOR - CANOPY      |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-4                   | CORRUGATED METAL                 | ATLAS INTERNATIONAL | CORRUGATED PANEL, 0.40 ALUMINUM, BLACK (02)   | EXTERIOR               |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| EIFS-1                   | EXT. INSULATION FINISHING SYSTEM | DRYVIT              | OUTSULATION: FINESSE: MATCH COLOR AS SPECIFIED ON EXTERIOR ELEVATIONS                       | EXTERIOR               | APPROVED ALT. AS REQUIRED TO MATCH ADJACENT EXIST.   | BEN ROGERS / 469-667-0837<br>BROGERS@TREMCOINC.COM          |
| P-1                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7650 ELLIE GRAY; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                          | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7104 COTTON WHITE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                        | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7668 NEUTRAL GROUND (LVR 70); EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE) | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 6258 TRICORN BLACK; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                       | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7069 IRON ORE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE)                | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| TRIM-1                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP: MATCH SW 7104 COTTON WHITE, OR ALTERNATE COLOR OF MASONRY BELOW.         | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-2                   | CORRUGATED METAL TRIM            | ATLAS INTERNATIONAL | ELITE TRIM SERIES, BLACK (02)   | EXTERIOR               | PRE-FINISHED METAL TRIM, PART OF CLAD 4 PANEL SYSTEM | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-3                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP: BLACK (02)   | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-4                   | METAL TRIM                       | LONGBOARD PRODUCTS  | 8" LINK & LOCK SERIES, SLATE GREY   | EXTERIOR - WALL TRIM   | COLOR MAY BE MODIFIED AS NEEDED PER JURISDICTION     | SHAYNE UNGER / 800-804-0343<br>SUNGER@LONGBOARDPRODUCTS.COM |

NOTE: ALL SURFACES SHALL BE PREPARED FOR NEW PAINT FINISHES AS REQUIRED PER PAINT MANUFACTURER'S RECOMMENDATIONS.

- SHEET NOTES**
- EXISTING STOREFRONT GLAZING SYSTEM. GO TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING TO "LIKE NEW" CONDITION.
  - STOREFRONT GLAZING SYSTEM, REFER TO SHEET A1.0A.
  - STOREFRONT ENTRY DOOR, REFER TO SHEET A1.0 & A1.0A.
  - EXISTING EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXISTING EIFS FINISH. PATCH/REPAIR AS REQUIRED. COLOR AS INDICATED.
  - INSTALL NEW EIFS. COLOR AS INDICATED.
  - EXISTING WALL MOUNTED LIGHT FIXTURE.
  - WALL MOUNTED LIGHT FIXTURE. REFER TO RCP AND ELECTRICAL DRAWINGS.
  - WALL MOUNTED ILLUMINATED SIGNAGE. GO TO SCHEDULE AND COORDINATE INSTALLATION. ALL SIGNAGE REQUIRED DOCUMENTATION IS TO BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION VIA DEFERRED SUBMITTAL OR SEPARATE COVER, AS REQUIRED.
  - ADDRESS LETTERS. REFER TO SIGNAGE PACKAGE. SUBMITTED VIA DEFERRED SUBMITTAL OR SEPARATE COVER. GO TO COORDINATE SCHEDULE & INSTALL.
  - EXISTING ADDRESS LETTERS.
  - EXISTING MOLDING / COPING. PAINT AS INDICATED.
  - EXISTING GAS METER.
  - GAS METER. REFER TO PLUMBING DRAWINGS.
  - EXISTING SCUPPER AND DOWNSPOUT.
  - EXISTING ELECTRIC METER / EQUIPMENT.
  - ELECTRIC METER / EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.
  - ALUMINUM COMPOSITE CANOPY. REFER TO SECTIONS & DETAILS.
  - EXISTING CANOPY. PAINT / FINISH AS INDICATED.
  - EXISTING BASE BUILDING COLUMN.
  - EXISTING BASE BUILDING COLUMN. WRAPPED TO MATCH ADJACENT STOREFRONT FINISH. REFER TO DETAILS.
  - EXISTING BOLLARD. PAINT AS INDICATED.
  - EXISTING TRASH ENCLOSURE. PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL. PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL W/ BREAK METAL COVERING. REFER TO SECTIONS AND DETAILS.
  - PAINT LINE.
  - METAL TRIM.
  - RELOCATED EXISTING WALL MOUNTED ILLUMINATED SIGNAGE.

**Design Forum Architects Inc.**  
2056 BYERS RD  
Mansfield, OH 45342  
Tel. (844) 804-7700

Donald J. Rothman  
Architect In Charge  
License: 17287

**DISCOUNT TIRE**

TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024

REGISTERED ARCHITECT  
DONALD J. ROTHMAN  
STATE OF TEXAS  
17287

Donald J. Rothman

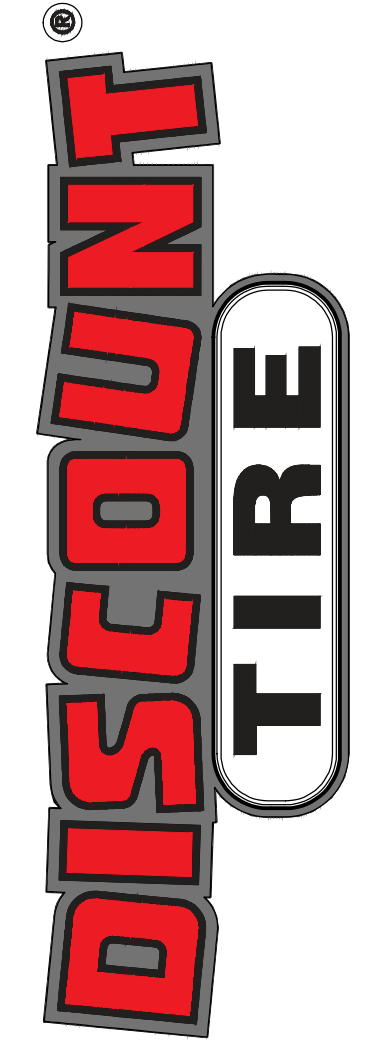
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| No. | Description | Date |
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PROJECT NUMBER: DT10773  
DATE: 10/08/2024  
DRAWN BY: LI / RS  
CHECKED BY: JDW / DJR

SHEET NAME:  
**EXTERIOR ELEVATIONS**

SHEET #  
**A2.0**



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PROJECT NUMBER DT10773

DATE 10/08/2024

DRAWN BY LI / RS

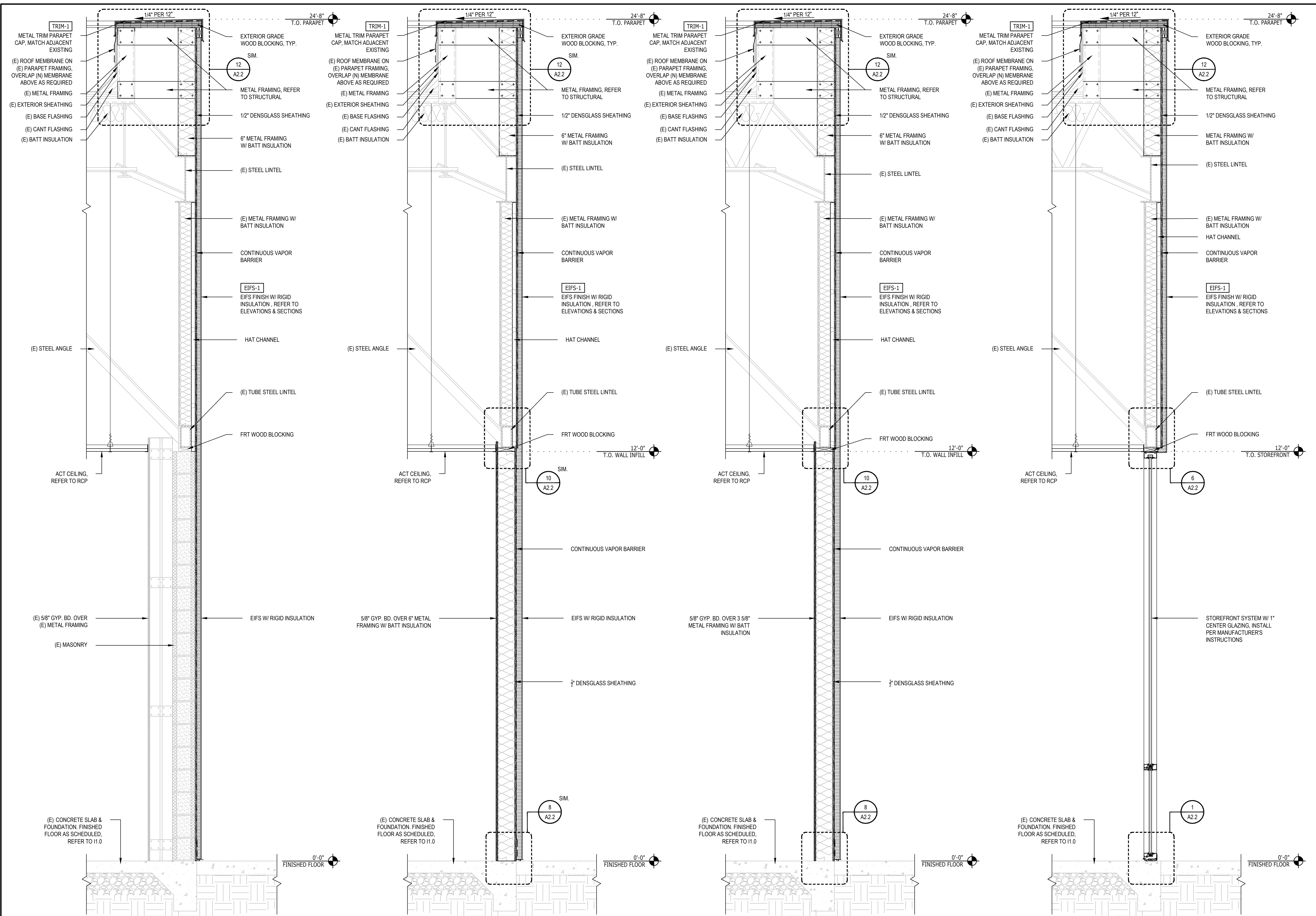
CHECKED BY JDW / DJR

SHEET NAME

**EXTERIOR WALL SECTIONS**

SHEET #

**A2.1**

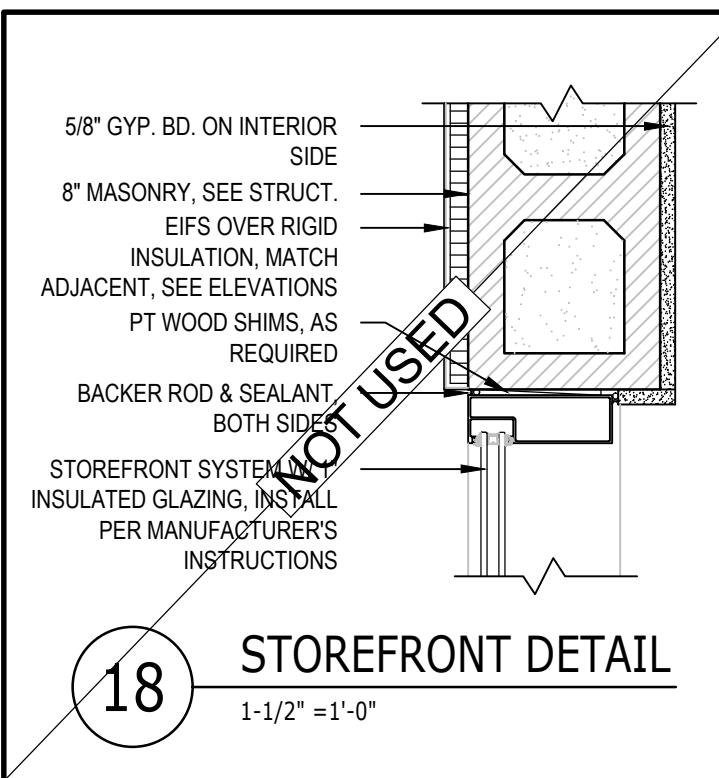


**4** WALL SECTION @ (E) MASONRY W/ EIFS  
3/4" = 1'-0"

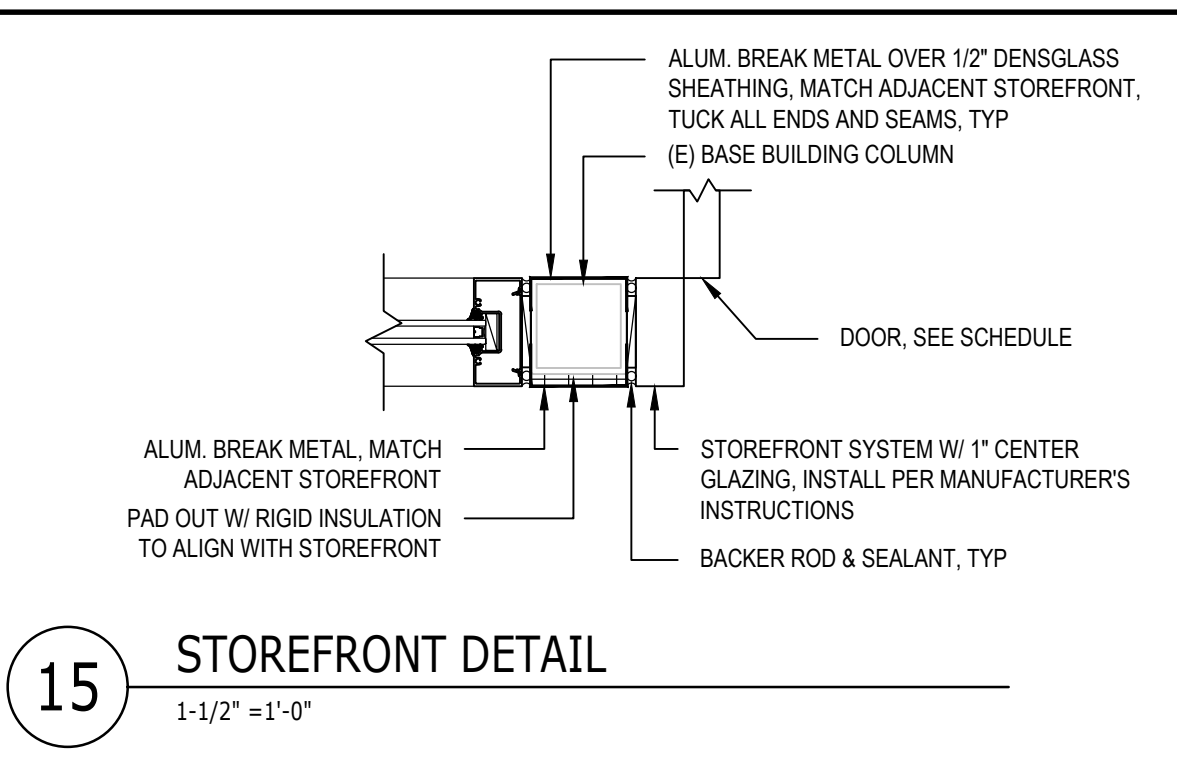
**3** WALL SECTION @ EXTERIOR WALL INFILL (METAL FRAMING)  
3/4" = 1'-0"

**2** WALL SECTION @ EXTERIOR WALL INFILL (METAL FRAMING)  
3/4" = 1'-0"

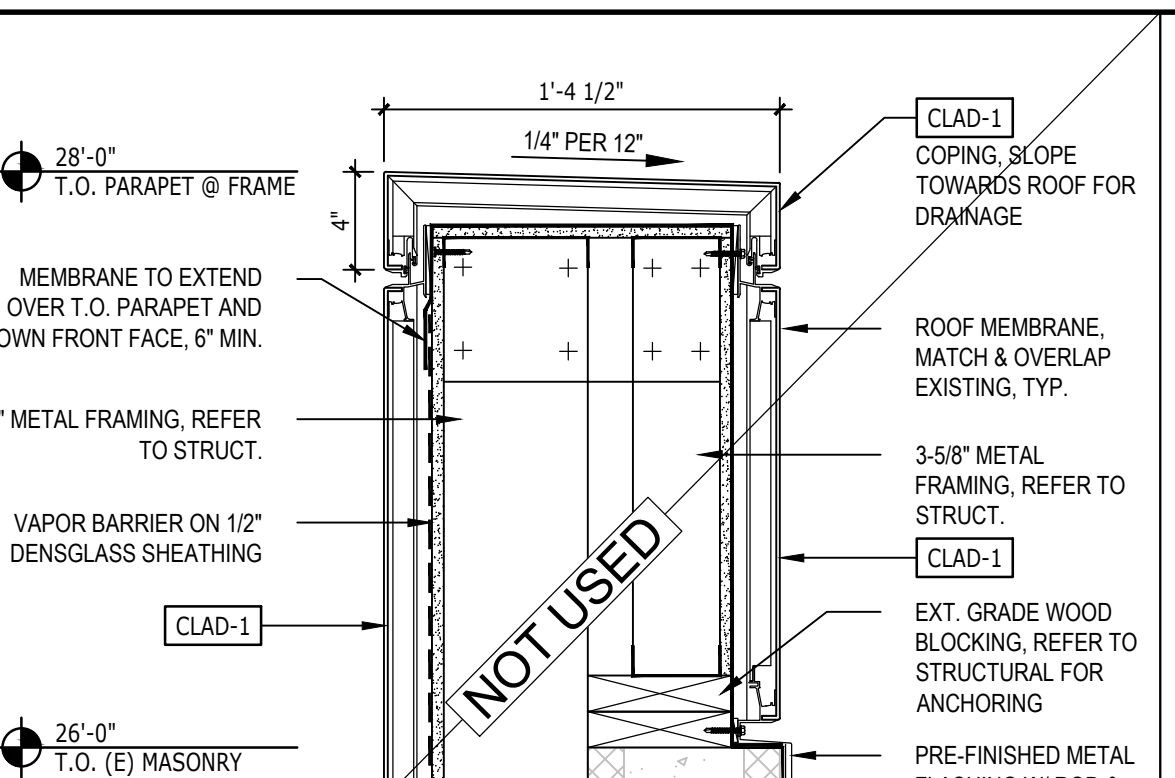
**1** WALL SECTION @ STOREFRONT  
3/4" = 1'-0"



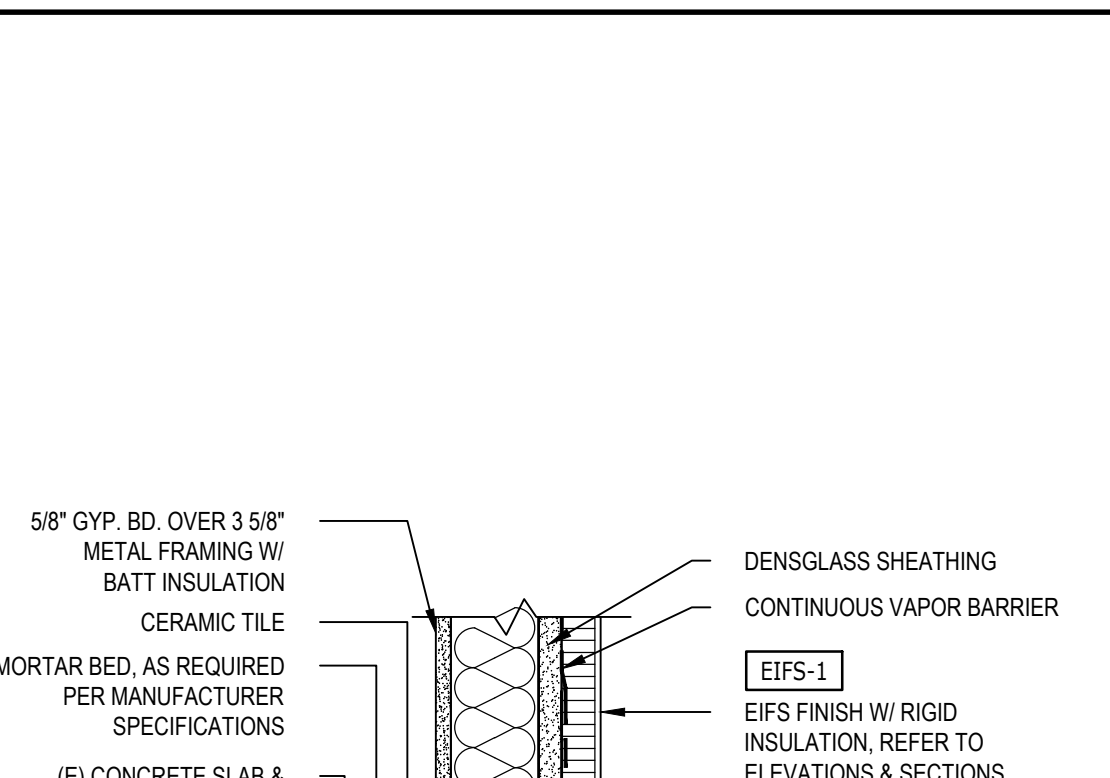
18 STOREFRONT DETAIL  
1-1/2" = 1'-0"



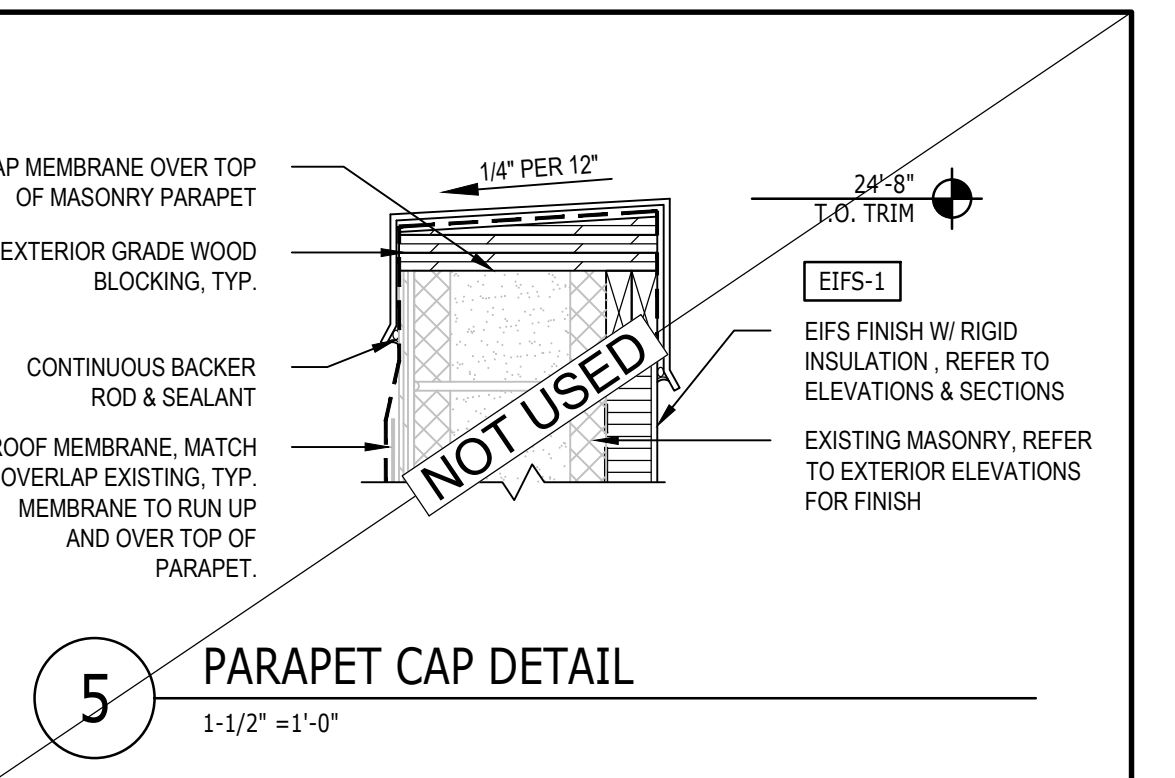
15 STOREFRONT DETAIL  
1-1/2" = 1'-0"



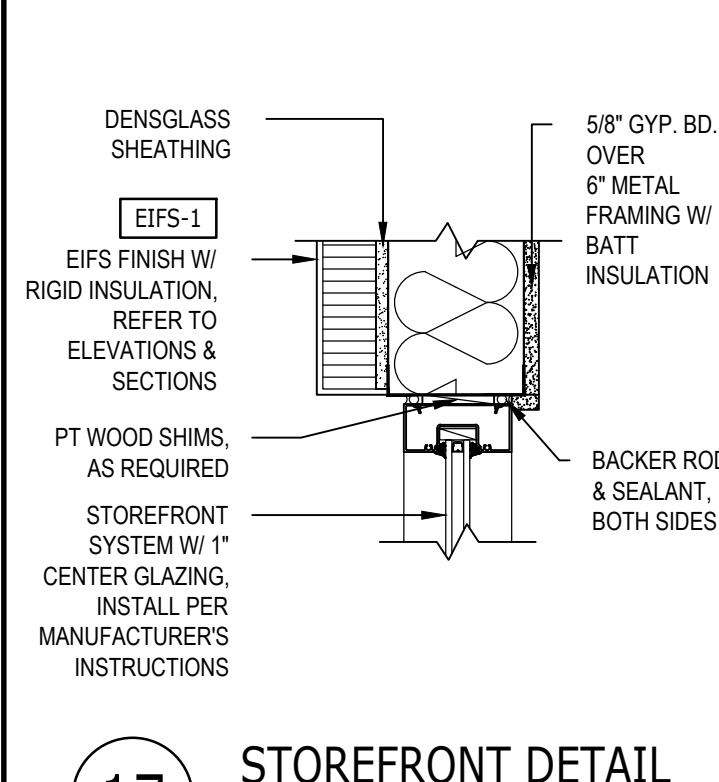
11 PARAPET @ FRAME ELEMENT  
1-1/2" = 1'-0"



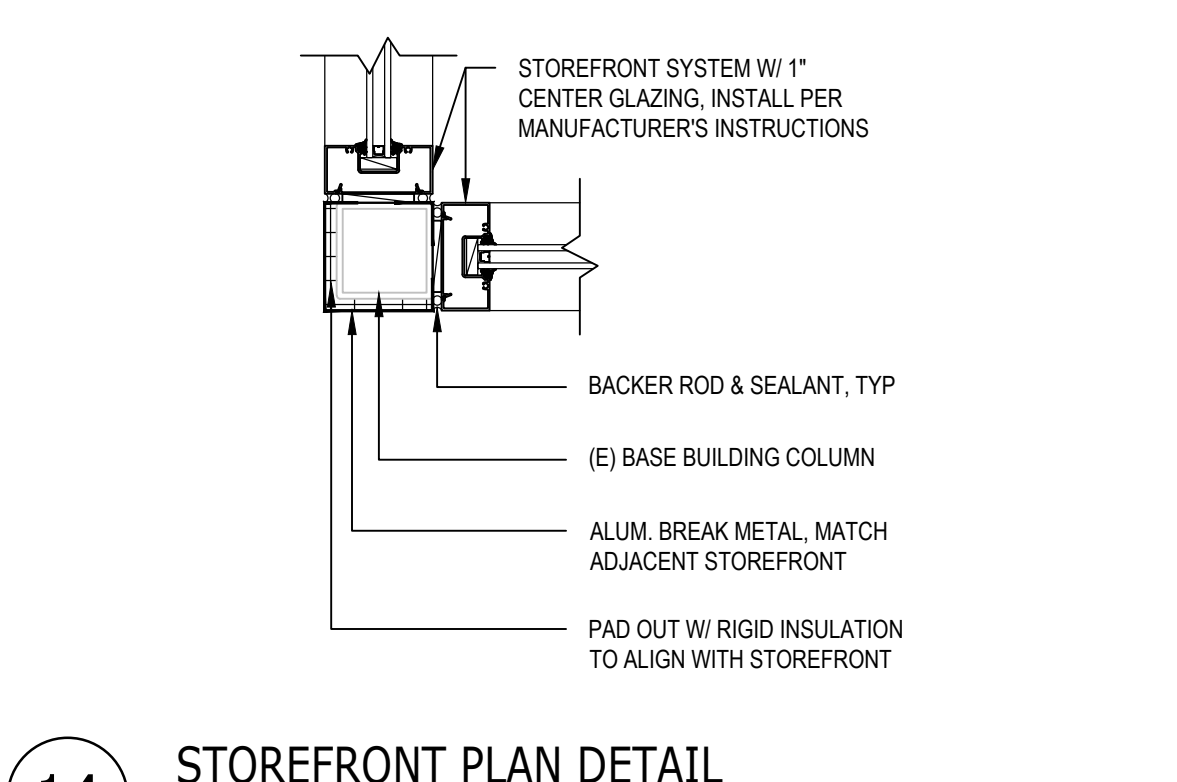
8 METAL FRAMING INFILL @ (E) SLAB  
1-1/2" = 1'-0"



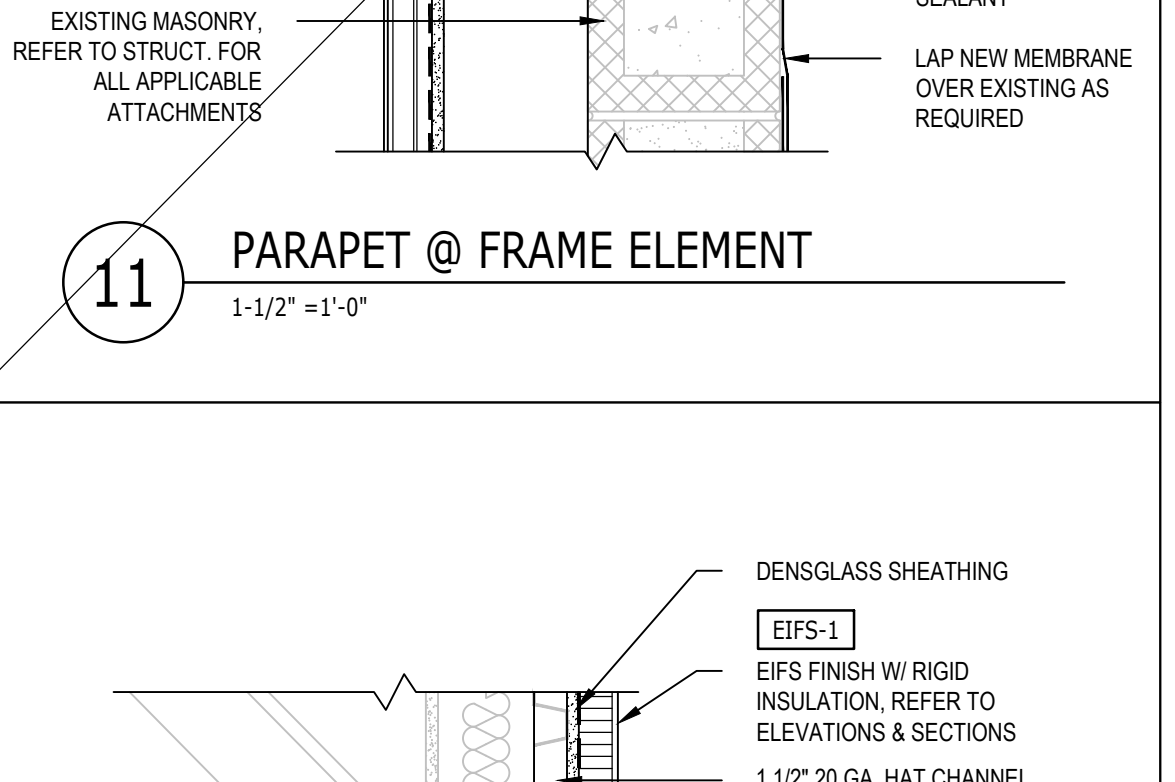
5 PARAPET CAP DETAIL  
1-1/2" = 1'-0"



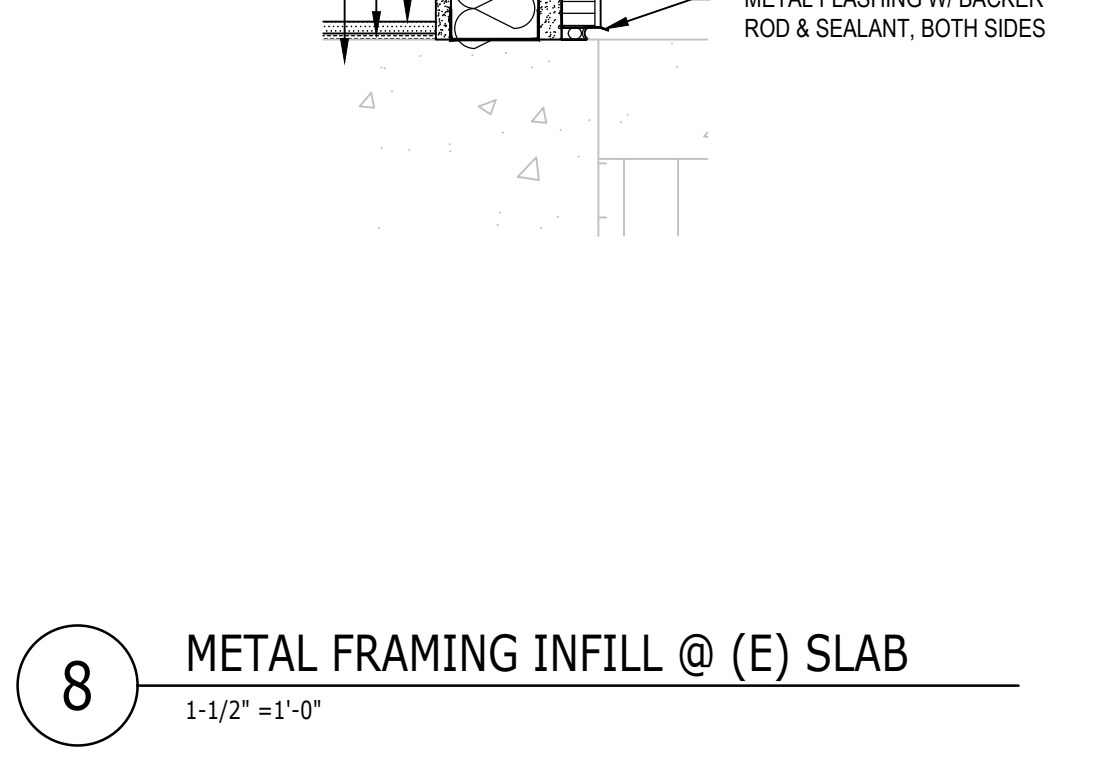
17 STOREFRONT DETAIL  
1-1/2" = 1'-0"



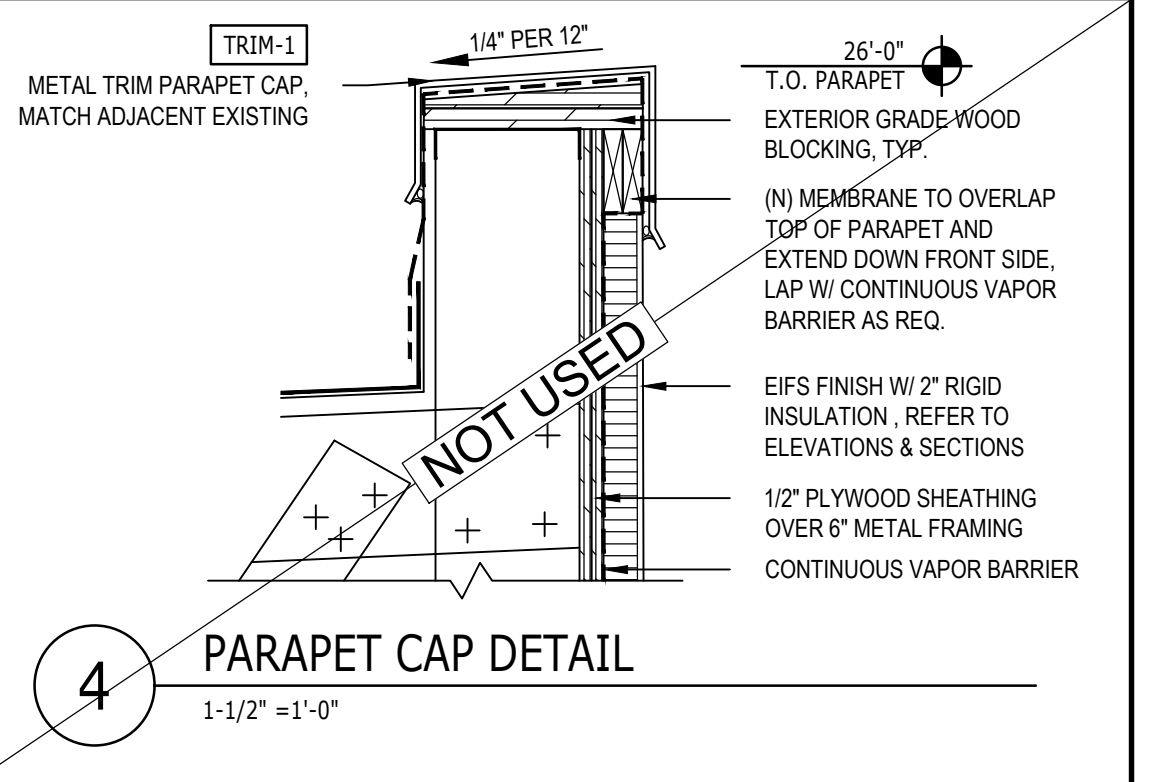
14 STOREFRONT PLAN DETAIL  
1-1/2" = 1'-0"



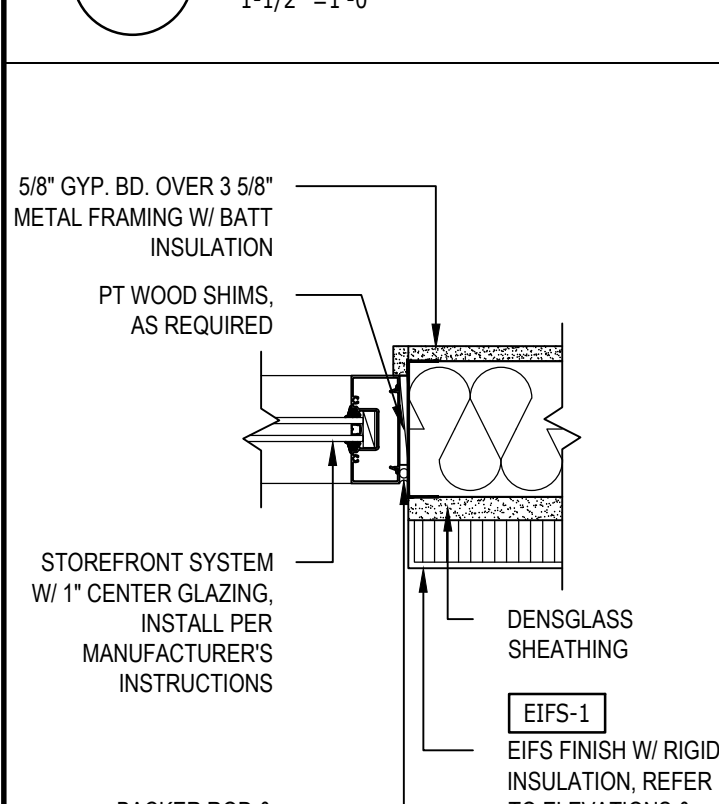
10 (E) TUBE LINTEL @ METAL FRAMING INFILL  
1-1/2" = 1'-0"



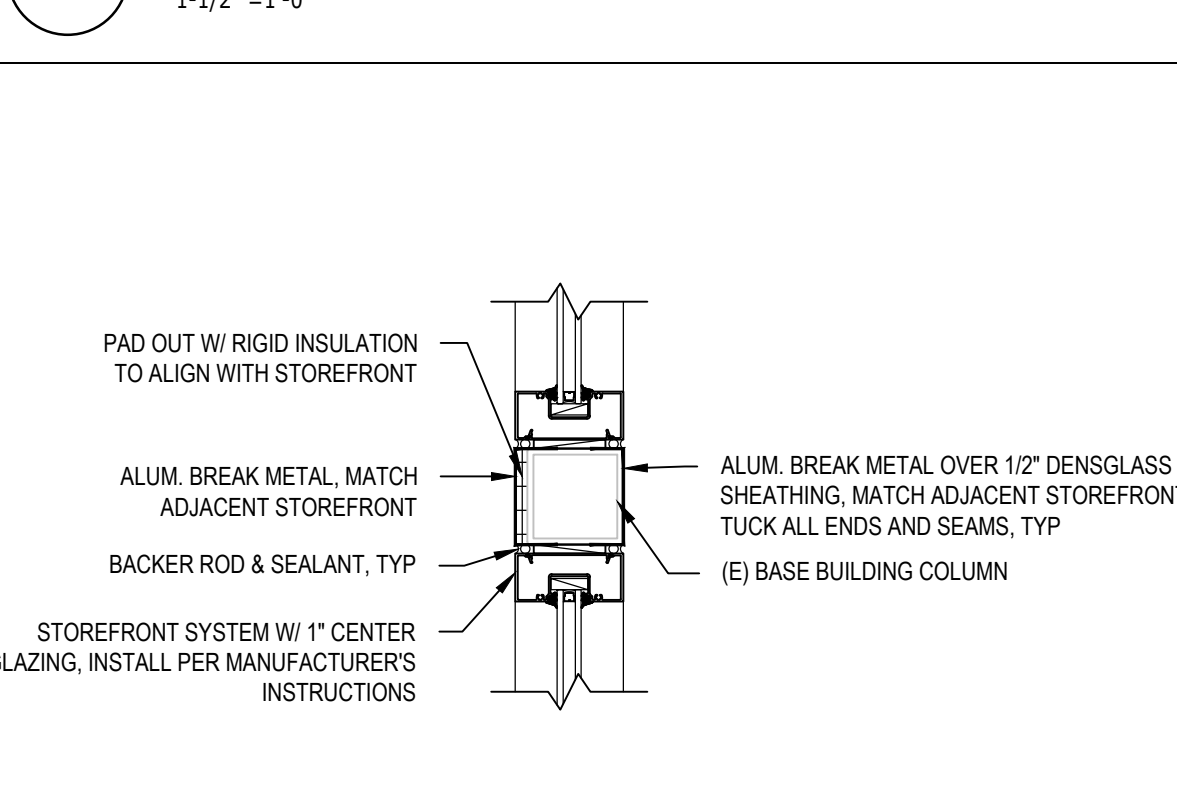
7 (E) TUBE LINTEL @ METAL FRAMING INFILL  
1-1/2" = 1'-0"



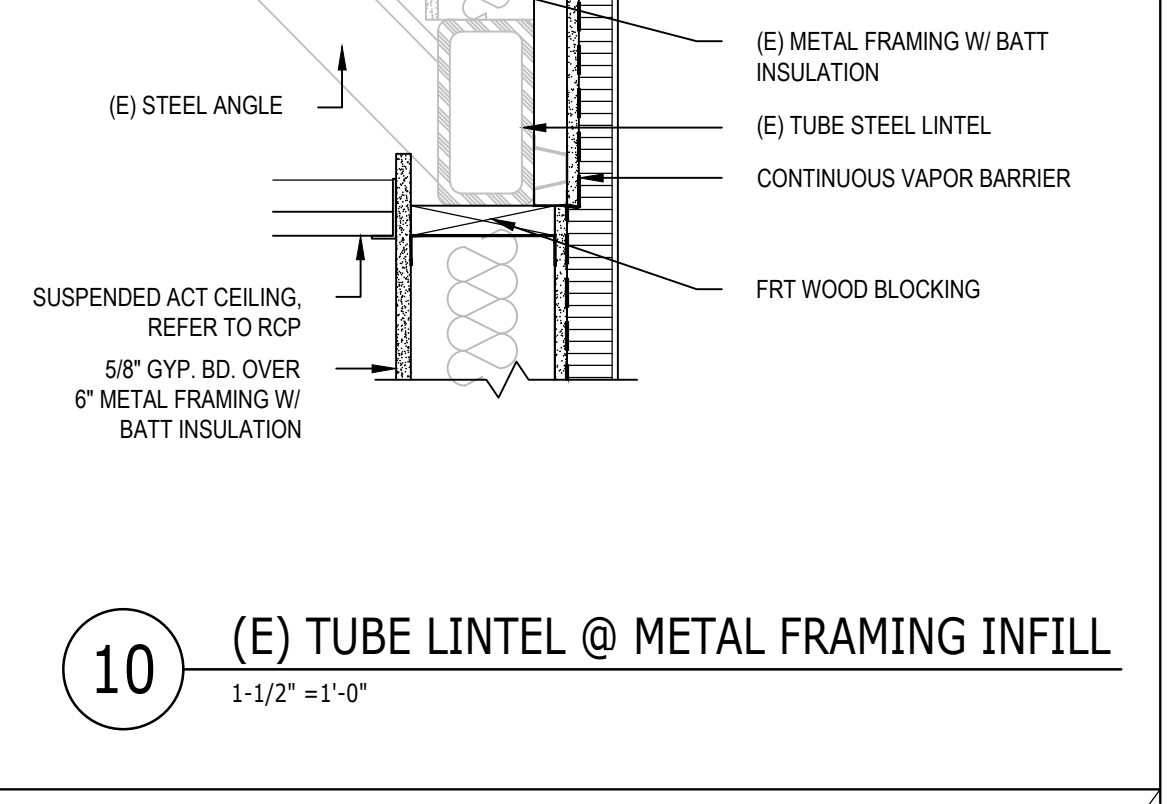
4 PARAPET CAP DETAIL  
1-1/2" = 1'-0"



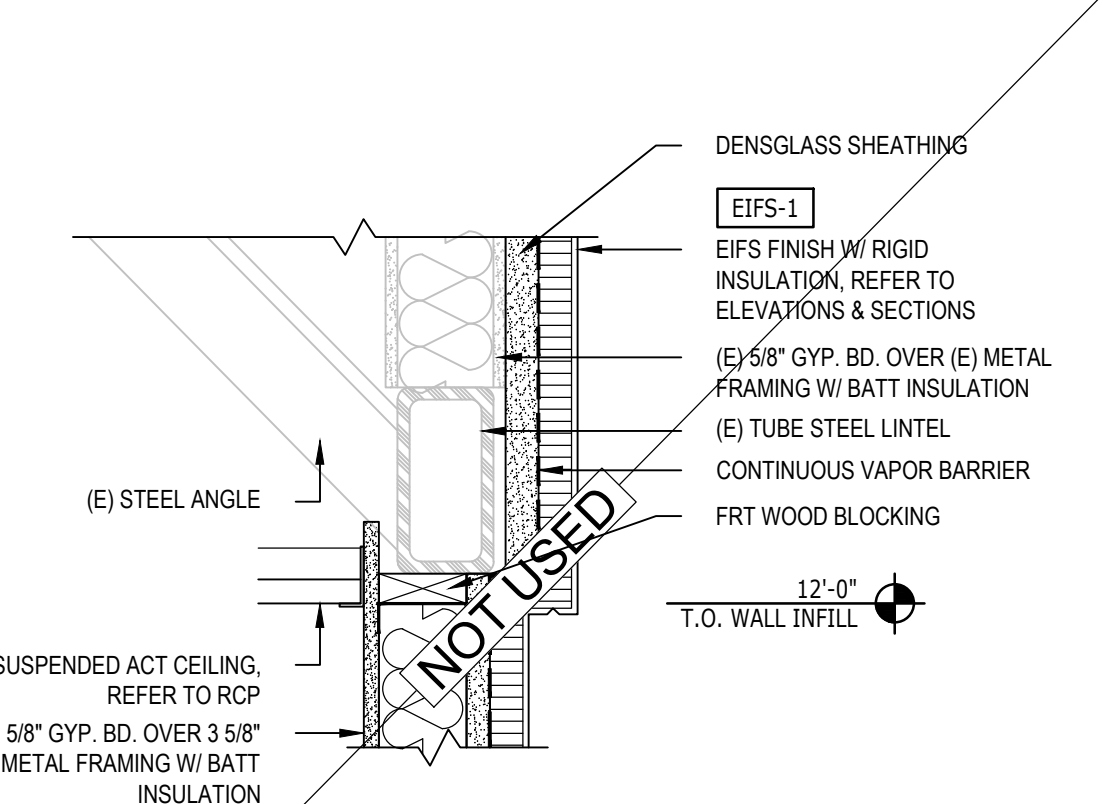
16 STOREFRONT DETAIL  
1-1/2" = 1'-0"



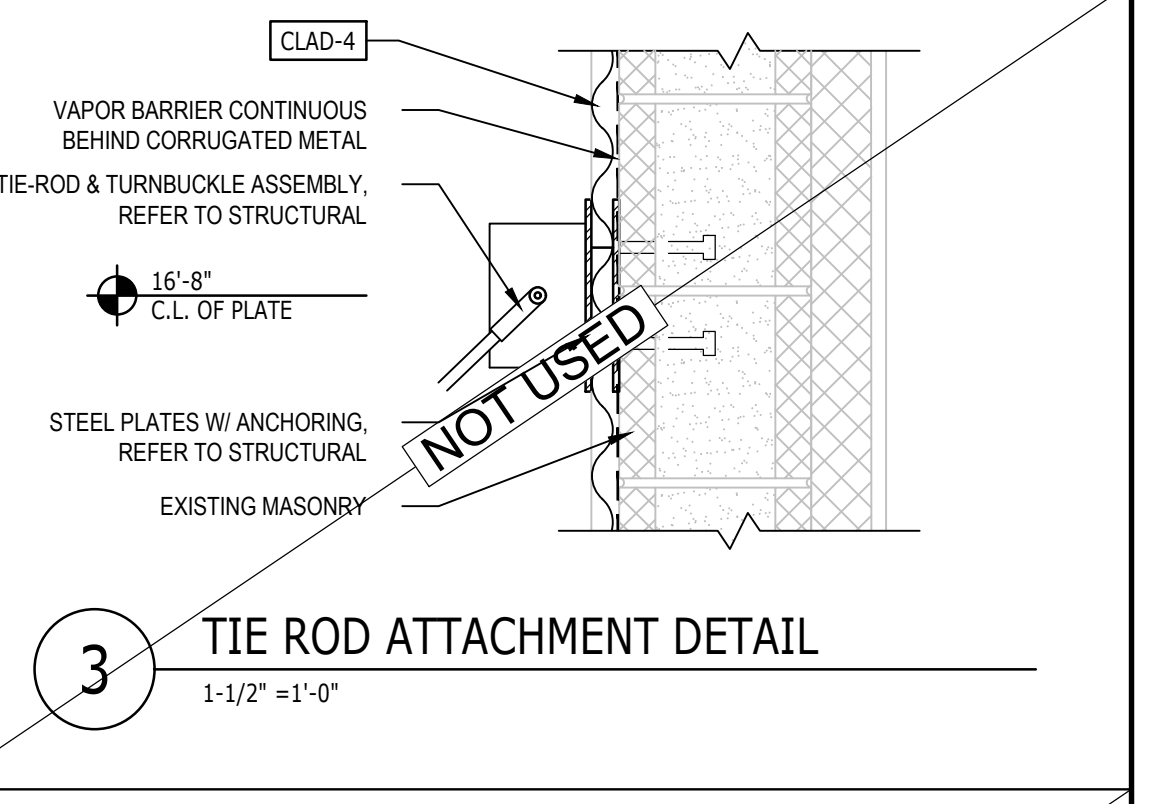
13 STOREFRONT DETAIL  
1-1/2" = 1'-0"



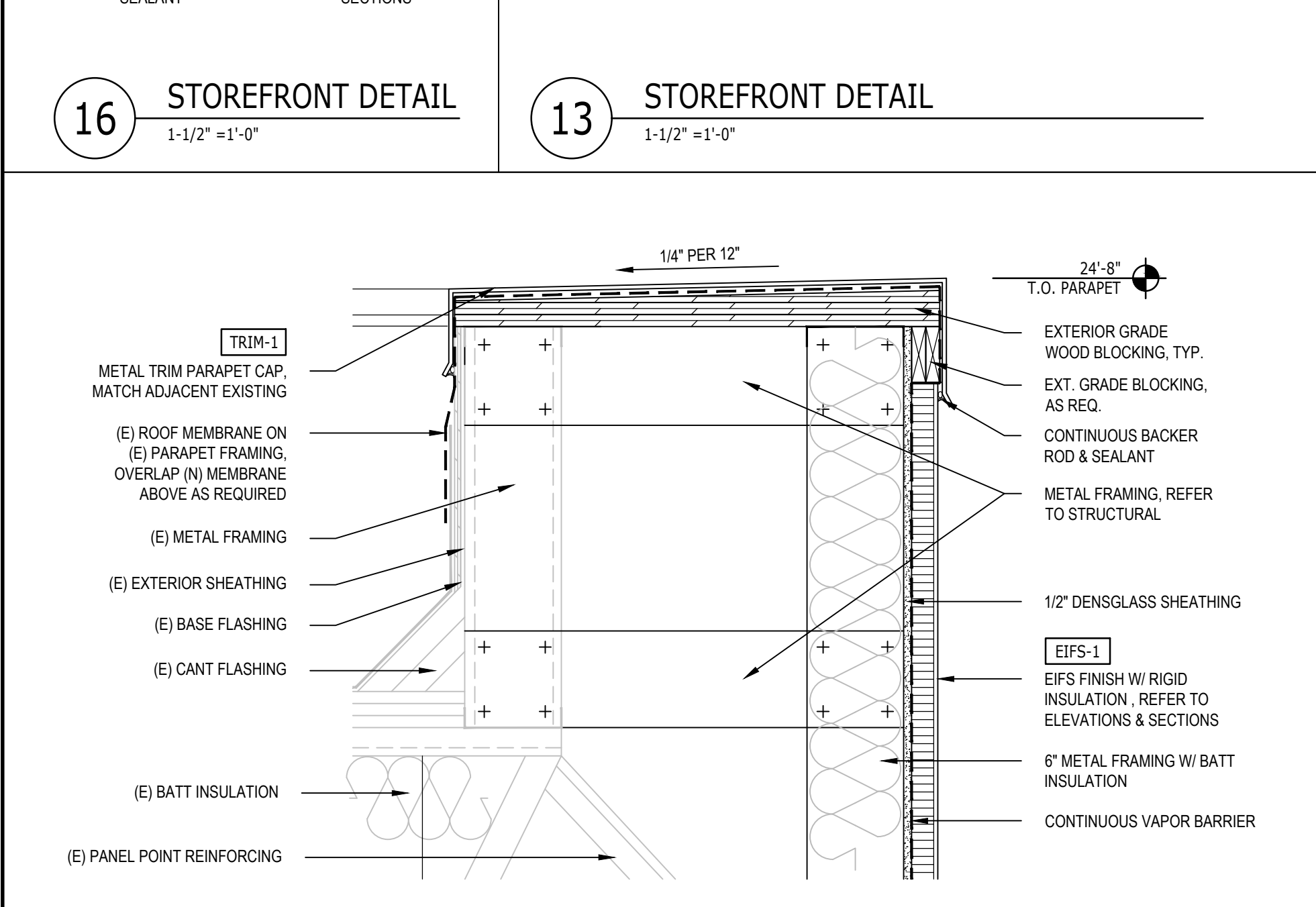
9 CANOPY @ (E) STEEL LINTEL  
1-1/2" = 1'-0"



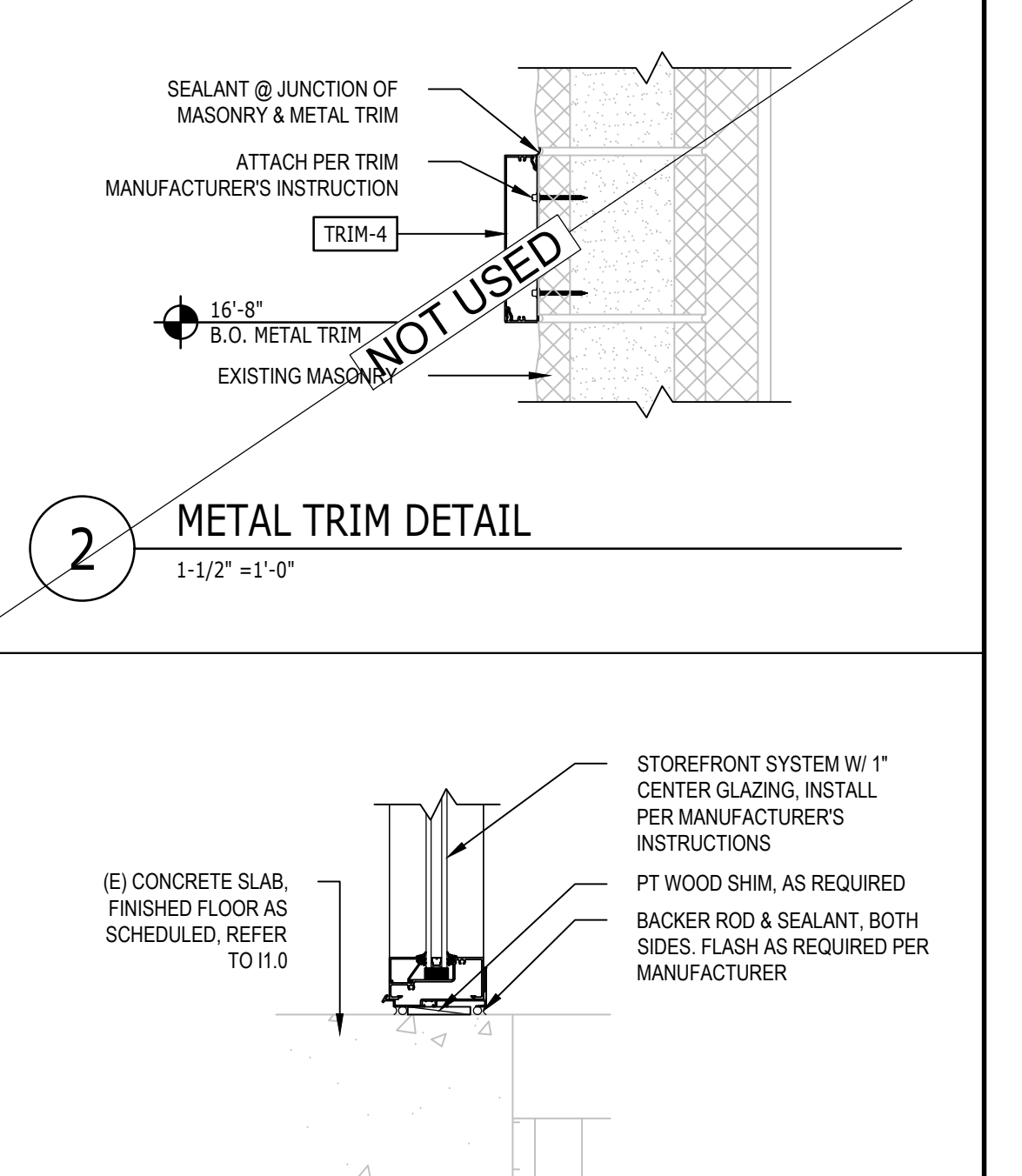
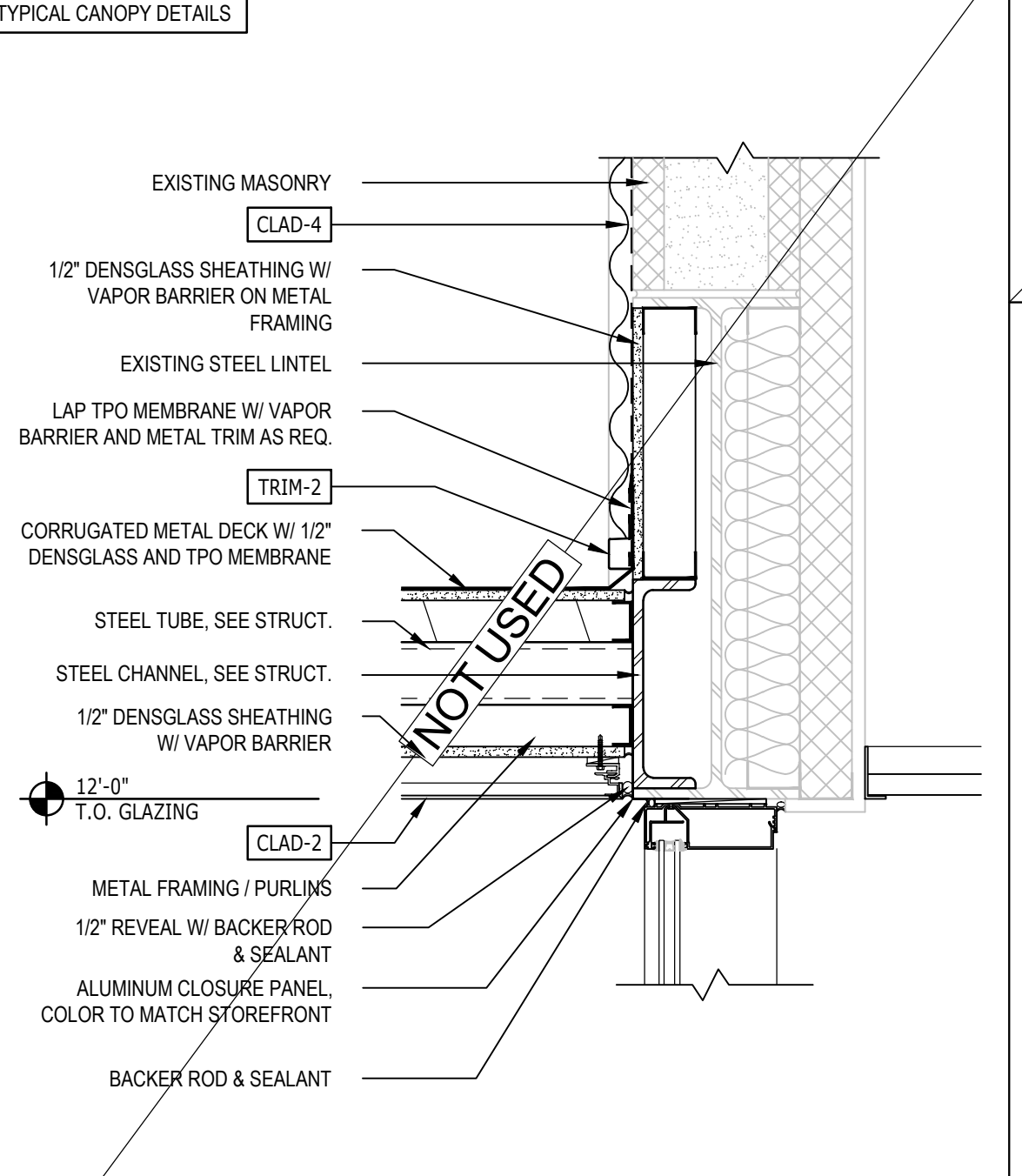
6 EXISTING TUBE LINTEL @ STOREFRONT  
1-1/2" = 1'-0"



3 TIE ROD ATTACHMENT DETAIL  
1-1/2" = 1'-0"



12 PARAPET BUILD-OUT  
1-1/2" = 1'-0"



1 STOREFRONT SILL DETAIL  
1-1/2" = 1'-0"

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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

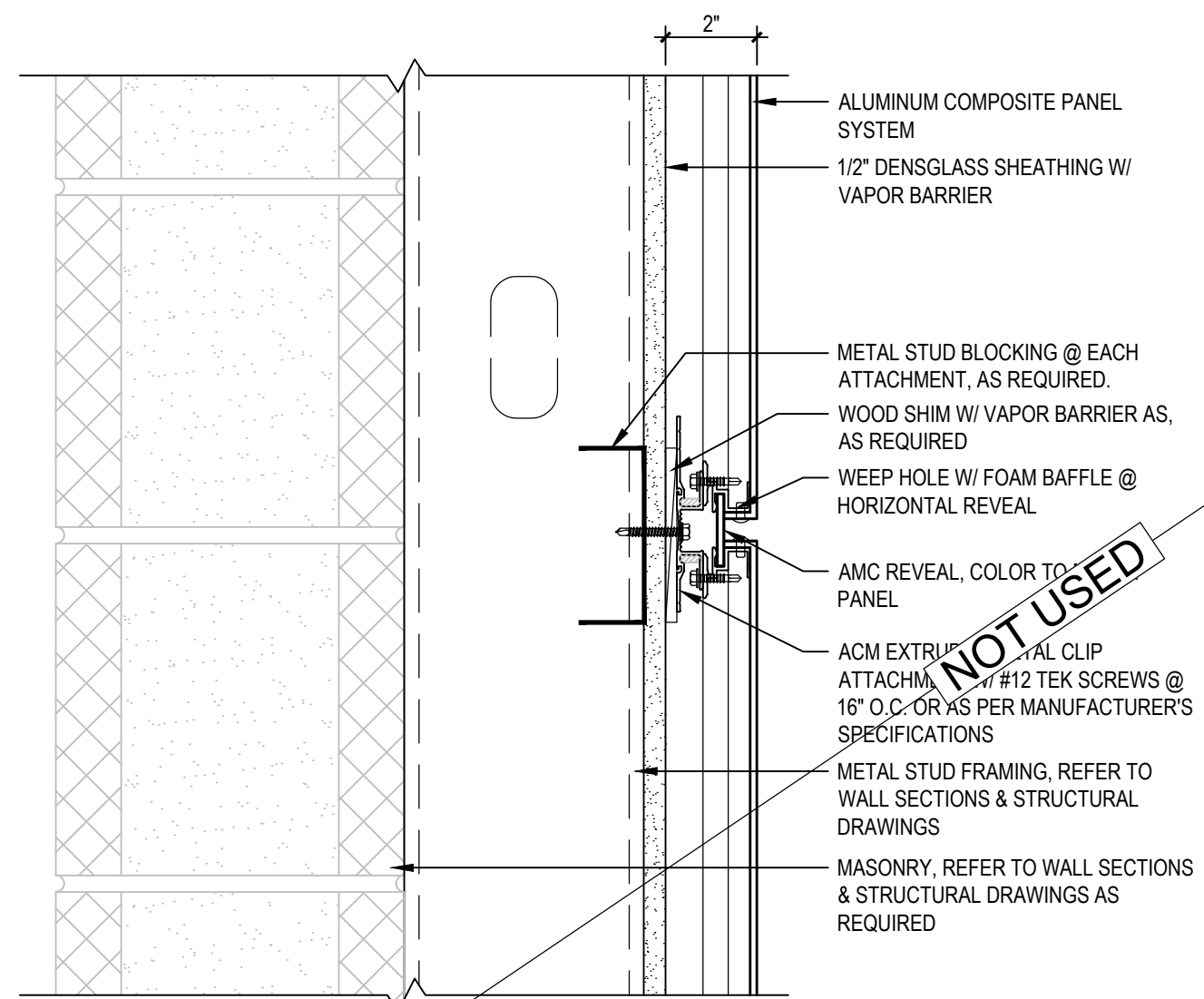
SHEET NAME  
**EXTERIOR WALL DETAILS**

SHEET #  
**A2.2**



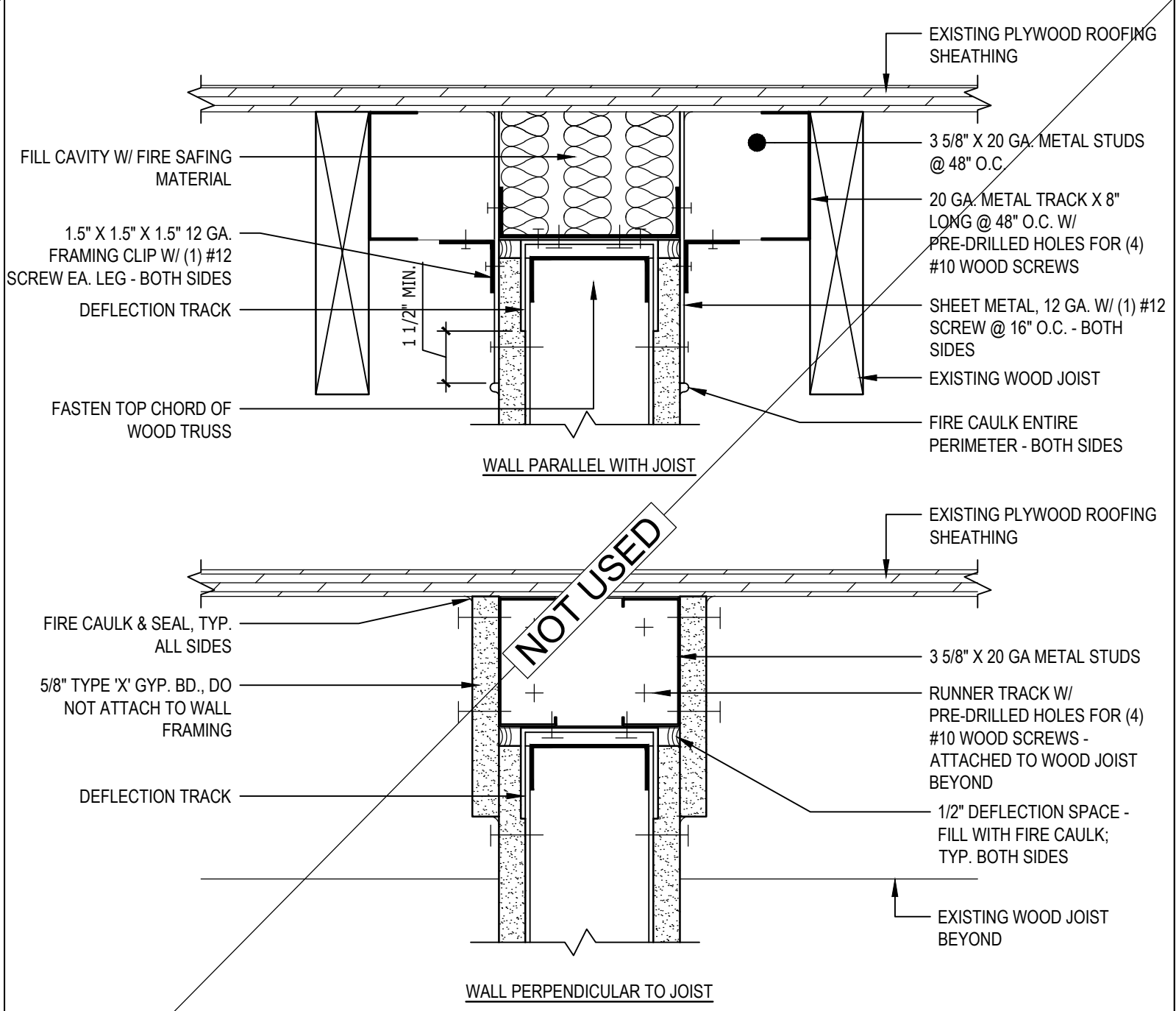




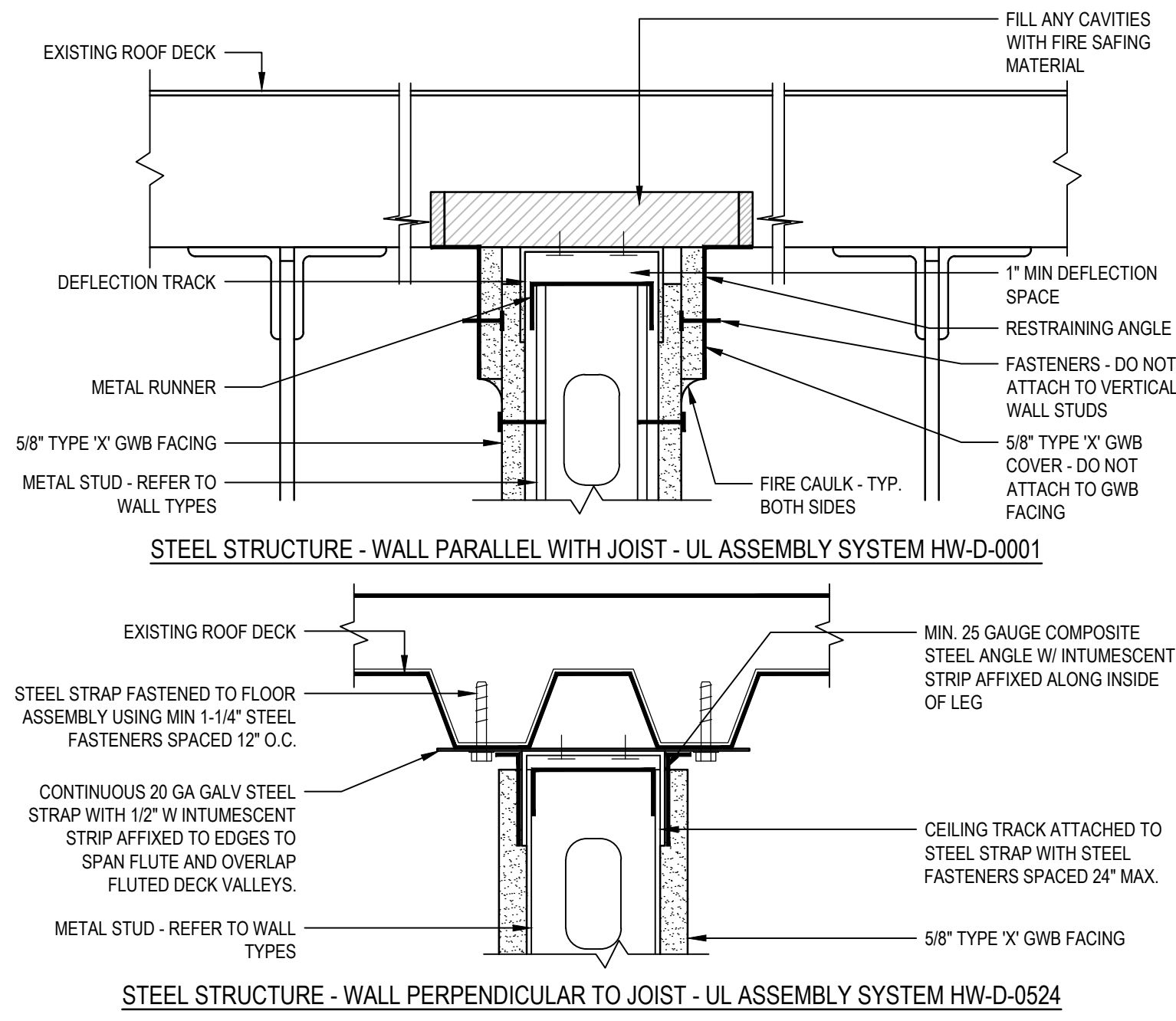


- A - COMPOSITION:**
- COMPOSITE PANEL THICKNESS TO BE 4 MILLIMETERS.
  - PANEL BOW NOT TO EXCEED L1/75 OF PANEL OVERALL DIMENSION IN WIDTH OR LENGTH.
  - PANEL LINES WILL BE SHARP, SMOOTH, AND FREE FROM WARPS OR BUCKLES.
  - VAPOR MANAGEMENT: FABRICATE PANELS TO PERMIT REQUIRED CONDENSATION AND VENTILATION OF THE RAINSCREEN CAVITY.
  - EXPANSION/CONTRACTION: ENGINEER PANELS TO PERMIT REQUIRED EXPANSION AND CONTRACTION USING CONCEALED ANCHORS.
  - STRIPPABLE PROTECTIVE FILM: FACTORY APPLIED FOR PROTECTION OF WEATHER FACE FINISH AND REMOVED UPON COMPLETION OF THE PANEL INSTALLATION. FAILURE TO REMOVE THE FILM MAY LEAD TO OVER-EXPOSURE AND DAMAGE TO THE PANEL.
- B - FASTENERS:**
- EXPOSED FASTENERS TO BE STAINLESS STEEL BLIND UNLESS RECOMMENDED BY THE PANEL MANUFACTURER.
  - SELF-DRILLING, SELF-TAPPING, NON-CORROSIVE FASTENERS WITH HEADS FINISHED TO MATCH PANEL FINISHES AND FLASHINGS, GASKETED WITH EPDM WASHERS, AND AS INSTRUCTED BY MANUFACTURER.
  - CONCEALED SHEET METAL FASTENERS: PANHEAD, SELF-DRILLING, SELF-TAPPING, NON-CORROSIVE FASTENERS AND AS INSTRUCTED BY MANUFACTURER AND ENGINEER OF RECORD.
  - FASTENER LENGTHS: PENETRATE INTO COLD FORMED METAL FRAMING AND SUBGIRTS, AND OTHER METAL FRAMING SYSTEMS PER FASTENER MANUFACTURER'S RECOMMENDATIONS.
- C - SUBGIRTS:**
- PROVIDE ASTM C645 COLD-FORMED, METALLIC-COATED STEEL SHEET OF 16 GAUGE AND SPACING REQUIRED FOR METAL WALL PANEL SYSTEM, STRUCTURAL REQUIREMENTS AND AS RECOMMENDED BY THE PANEL MANUFACTURER AND ENGINEER OF RECORD IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
  - TO AVOID GALVANIC REACTION, SEPARATE DISSIMILAR MATERIALS.
- D - FLASHINGS:**
- METAL FLASHINGS AND TRIMS TO BE 0.032-INCH MINIMUM THICKNESS.
  - MATERIAL, COLOR AND FINISH TO MATCH WALL PANELS.
  - PANEL AND FLASHING CLOSURES: WATERPROOF, SEMI-RIGID, POLYETHYLENE CLOSED CELL FOAM, OR SOLID RUBBER IN SIZE AND SHAPE TO SNUGLY FIT PANEL CONFIGURATION.
  - MAKE ALL CUTS NEAT, SQUARE AND TRUE.
  - SAW-CUT OR ROUT PANELS, DE-BURR EDGES, AND CLEAN FILLINGS FROM ADJACENT SURFACES.

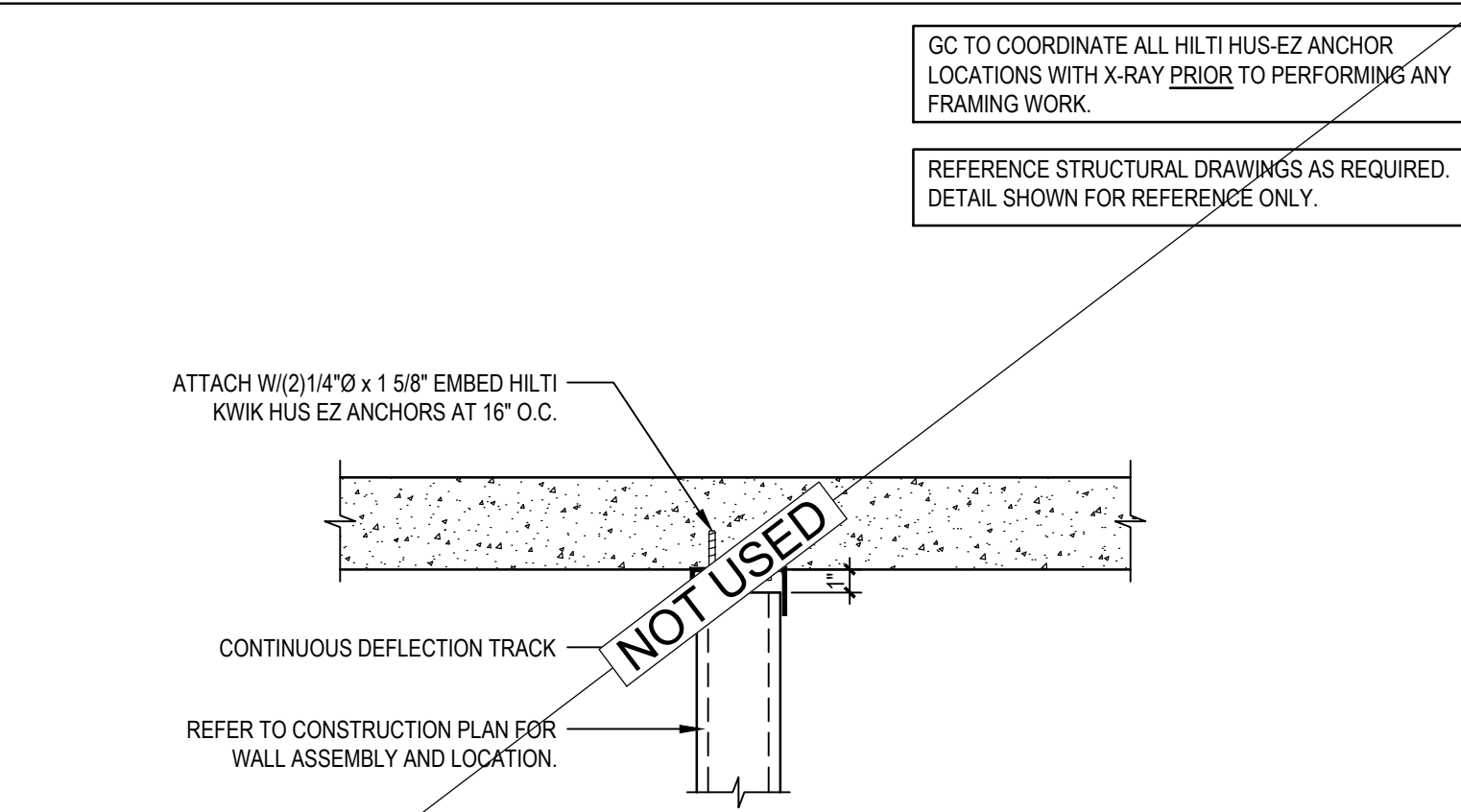
**12** TYPICAL COMPOSITE PANEL ATTACHMENT @ REVEAL  
3" = 1'-0"



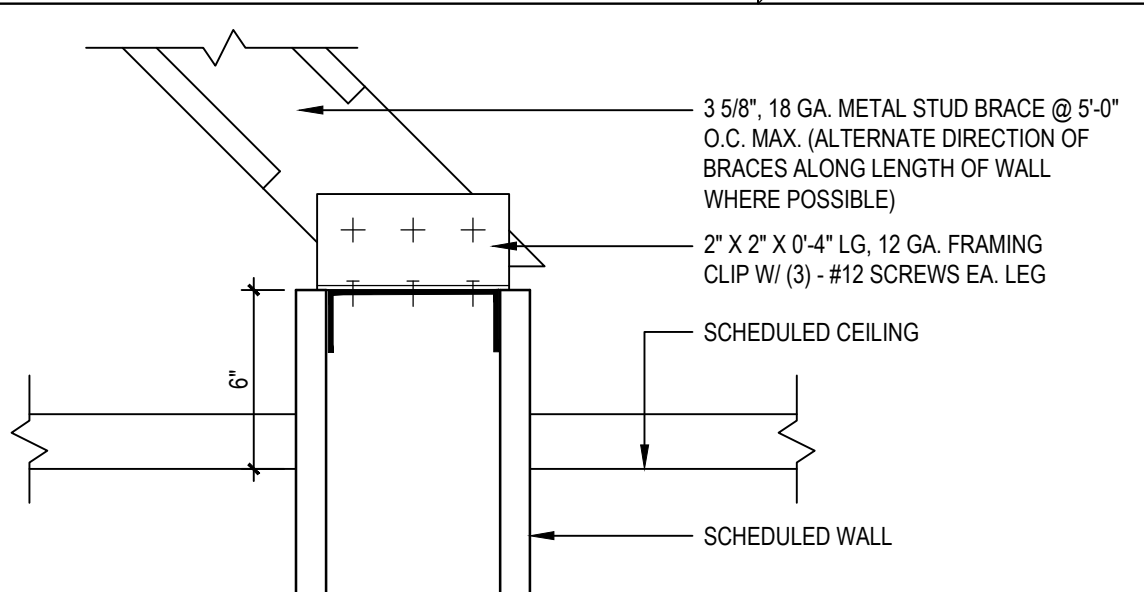
**6** FIRE-RATED HEAD DETAILS (WOOD STRUCTURE)  
3" = 1'-0"



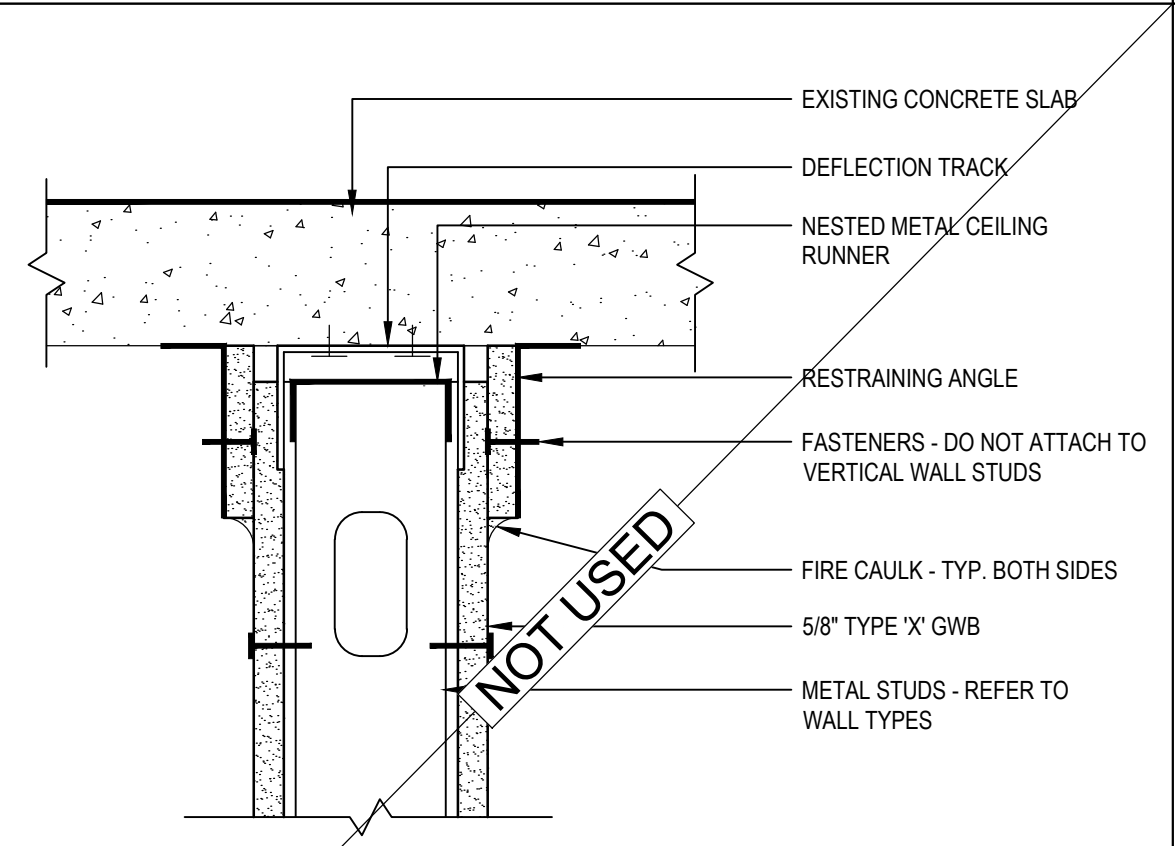
**3** FIRE-RATED HEAD DETAILS (STEEL STRUCTURE)  
3" = 1'-0"



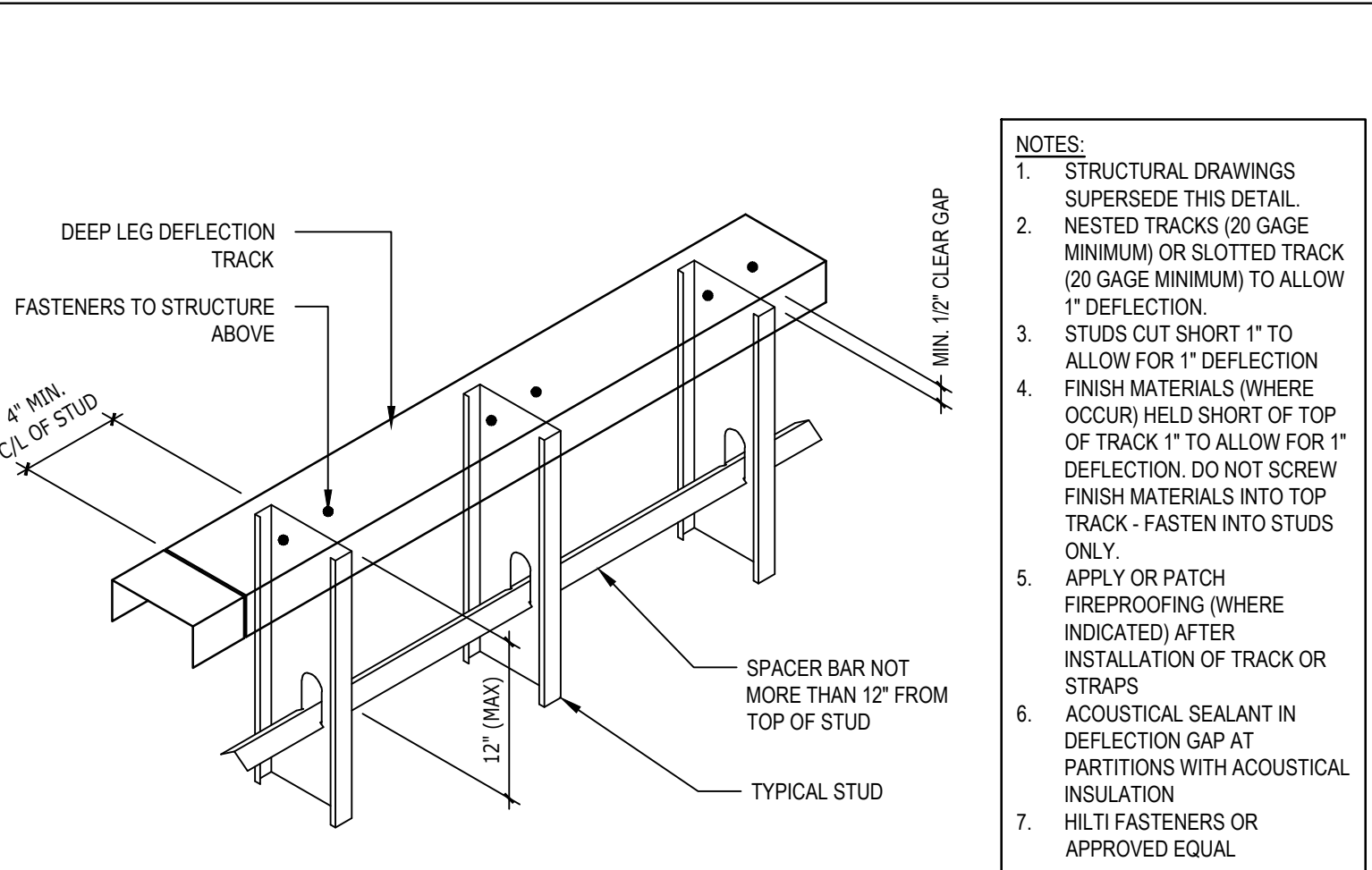
**11** ATTACHMENT DETAIL @ CONCRETE  
1-1/2" = 1'-0"



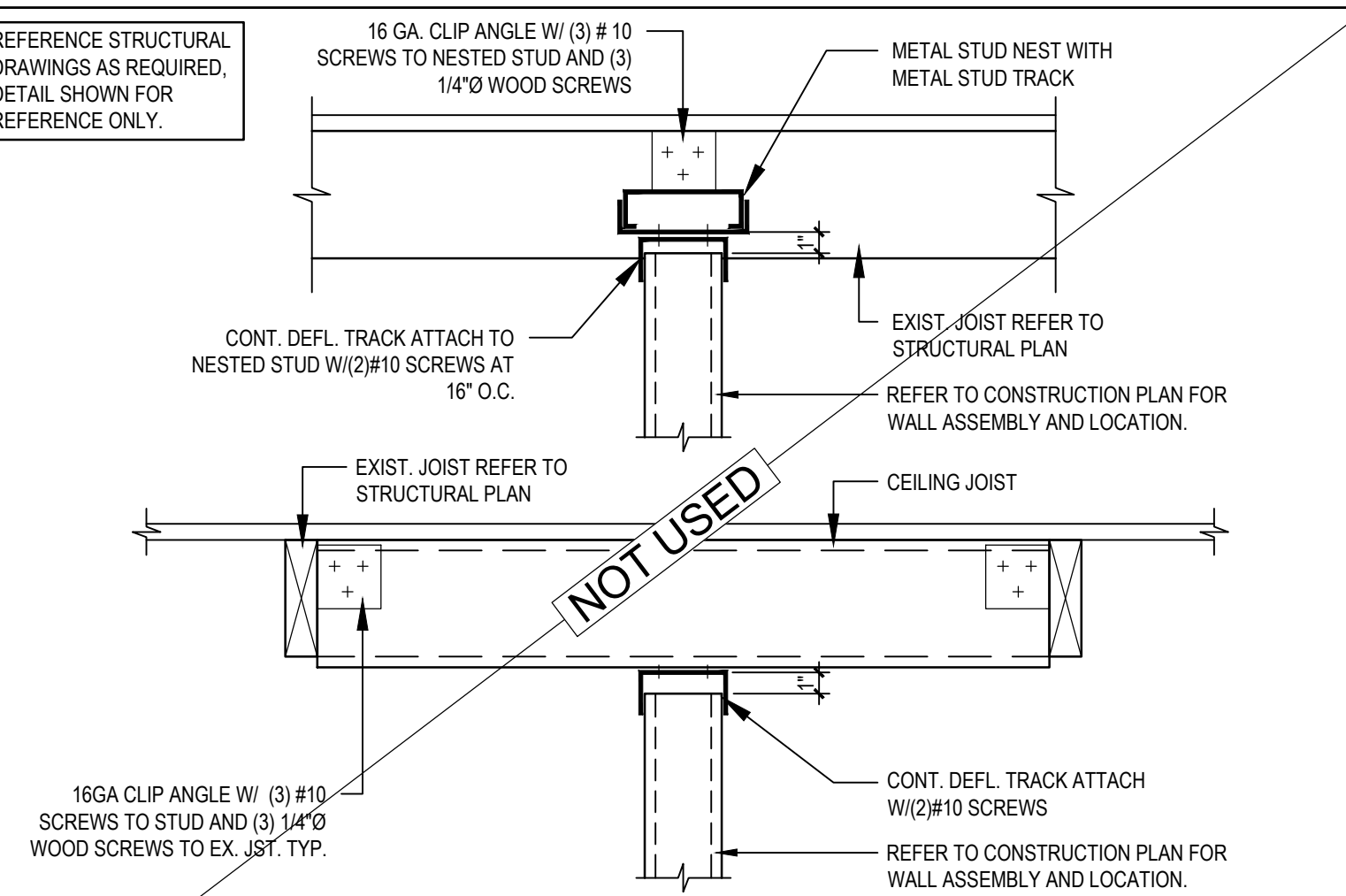
**9** DIAGONAL WALL BRACING DETAIL  
3" = 1'-0"



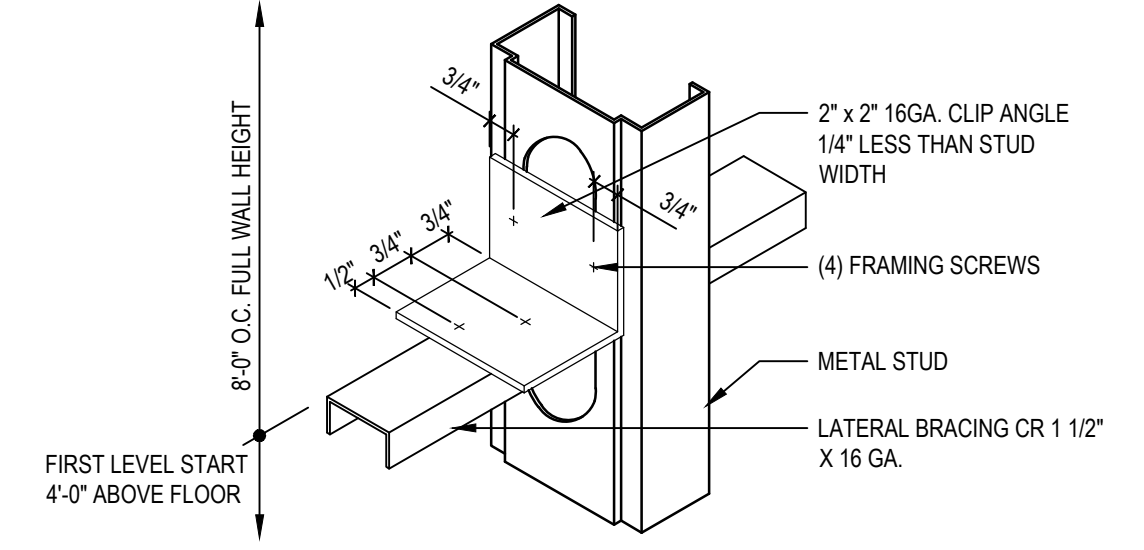
**5** FIRE-RATED HEAD DETAILS (CONCRETE)  
3" = 1'-0"



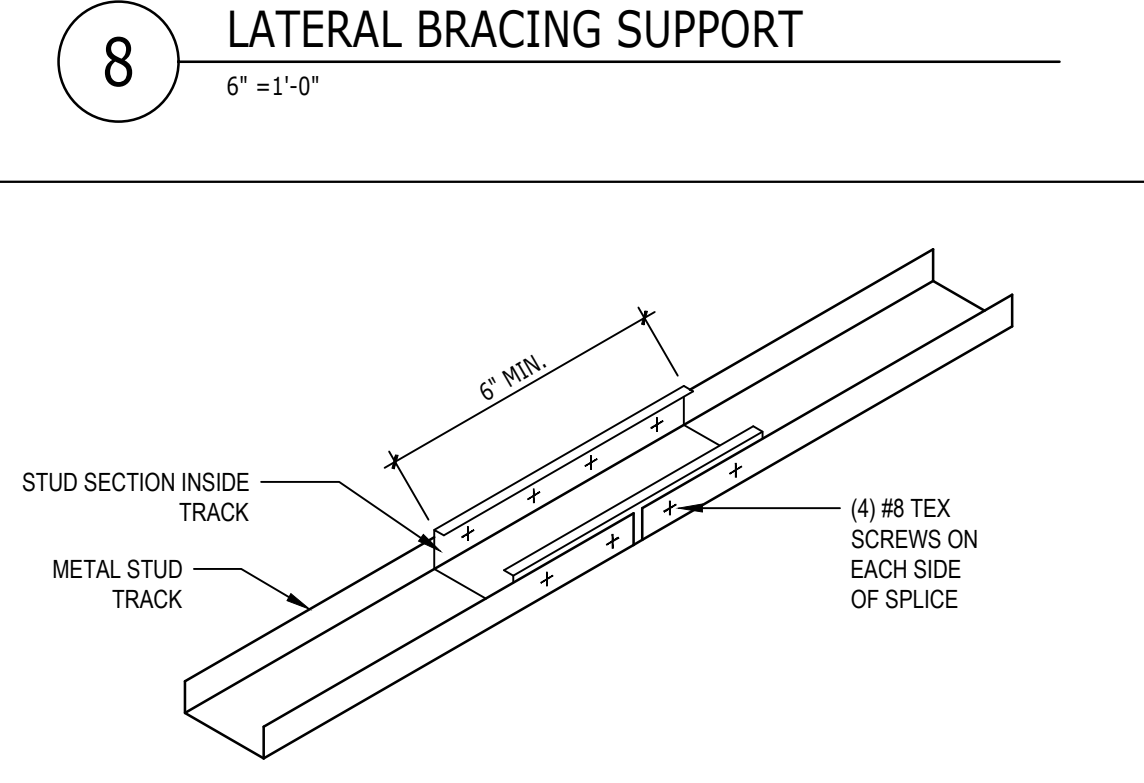
**2** DEFLECTION TRACK  
3" = 1'-0"



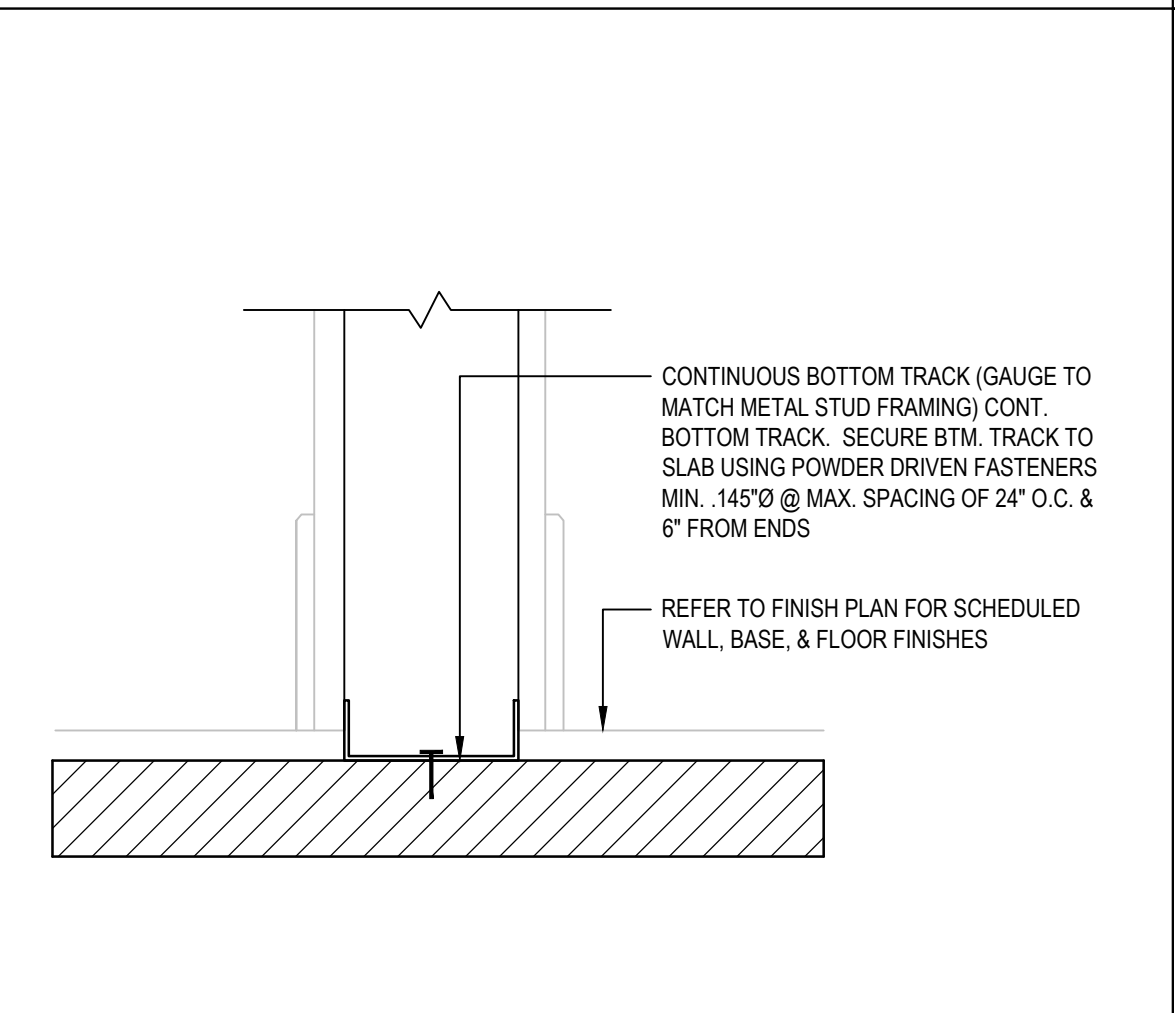
**10** ATTACHMENT DETAILS @ WOOD BEAM / JOIST  
1-1/2" = 1'-0"



**8** LATERAL BRACING SUPPORT  
6" = 1'-0"



**7** METAL STUD SPLICE DETAIL  
1-1/2" = 1'-0"



**4** TYP. WALL CONNECTION @ SLAB  
3" = 1'-0"

| STUD DESIGNATION | STUD DEPTH | FLANGE WIDTH | STUD GAUGE | STUD SPACING | MAXIMUM WALL HEIGHT OR MAXIMUM HEIGHT TO DIAGONAL BRACE |
|------------------|------------|--------------|------------|--------------|---|
| 362S162-33       | 3-5/8"     | 1-5/8"       | 20         | 16"          | 17'-6"  |
| 362S162-43       | 3-5/8"     | 1-5/8"       | 18         | 16"          | 19'-0"  |
| 362S162-54       | 3-5/8"     | 1-5/8"       | 16         | 16"          | 20'-6"  |
| 600S162-33       | 6"         | 1-5/8"       | 20         | 16"          | 26'-6"  |
| 600S162-43       | 6"         | 1-5/8"       | 18         | 16"          | 28'-6"  |
| 600S162-54       | 6"         | 1-5/8"       | 16         | 16"          | 30'-0"  |
| 800S162-33       | 8"         | 1-5/8"       | 20         | 16"          | 32'-2"  |
| 800S162-43       | 8"         | 1-5/8"       | 18         | 16"          | 35'-4"  |
| 800S162-54       | 8"         | 1-5/8"       | 16         | 16"          | 38'-1"  |

**LIGHT GAUGE FRAMING - CROSS REFERENCE GUIDE**

| MIL. THICKNESS | GUAGE NO. | CROSS REFERENCE |
|----------------|-----------|-----------------|
| 25 GA          | 18 MIL    | 16 GA           |
| 22 GA          | 27 MIL    | 14 GA           |
| 20 GA          | 33 MIL    | 12 GA           |
| 18 GA          | 43 MIL    |                 |

**LIGHT GAUGE FRAMING SCREW CONNECTIONS**

UNLESS NOTED, LIGHT GAUGE FRAMING CONNECTIONS SHALL BE MADE USING #8 SCREWS. SEE DETAILS FOR DIAGONAL CONNECTIONS.

AT LOCATIONS WHERE SHEATHING MATERIAL IS PLACED AGAINST THE SCREW HEADS OF LIGHT GAUGE METAL FRAMING CONNECTIONS, PANCAKE HEAD SCREWS SHALL BE USED SO THAT THE SHEATHING MATERIAL REMAINS STRAIGHT AND SMOOTH.

METAL STUD ICC # ESR-1166

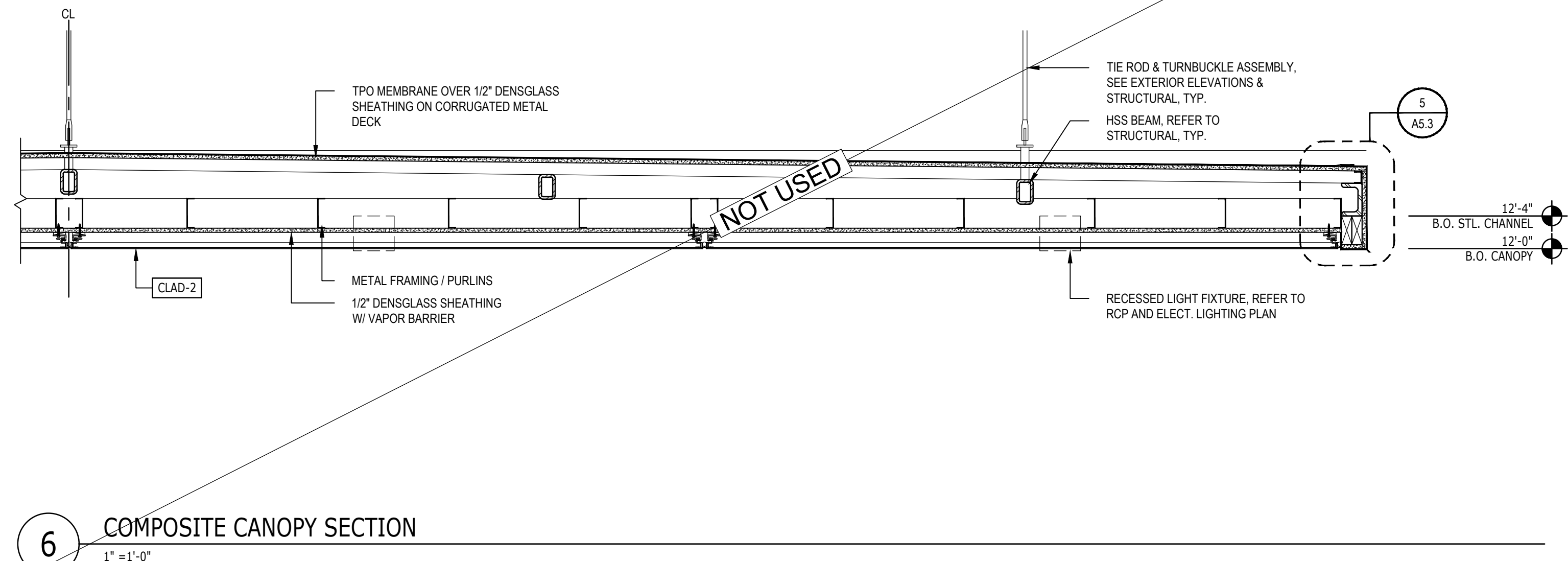
**1** METAL STUD SCHEDULE  
NTS

| No. | Description | Date |
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| CHECKED BY     | JDW / DJR  |





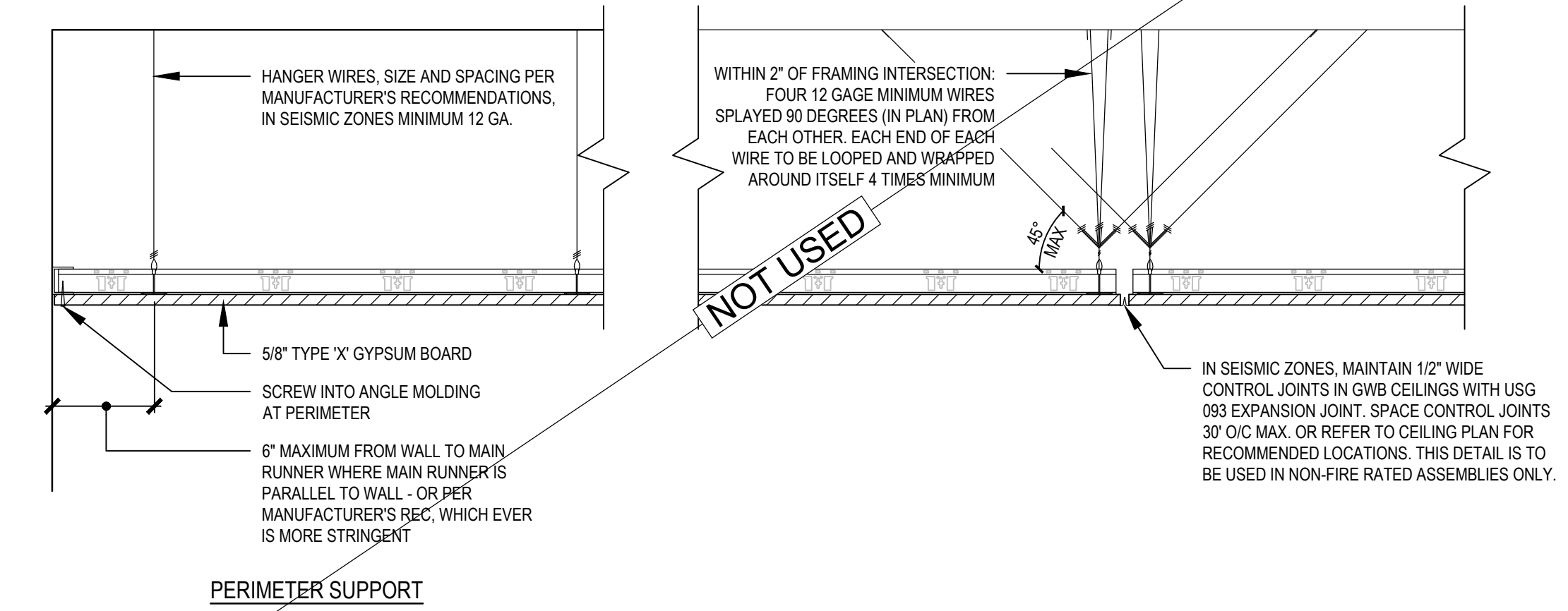


6 COMPOSITE CANOPY SECTION  
1" = 1'-0"

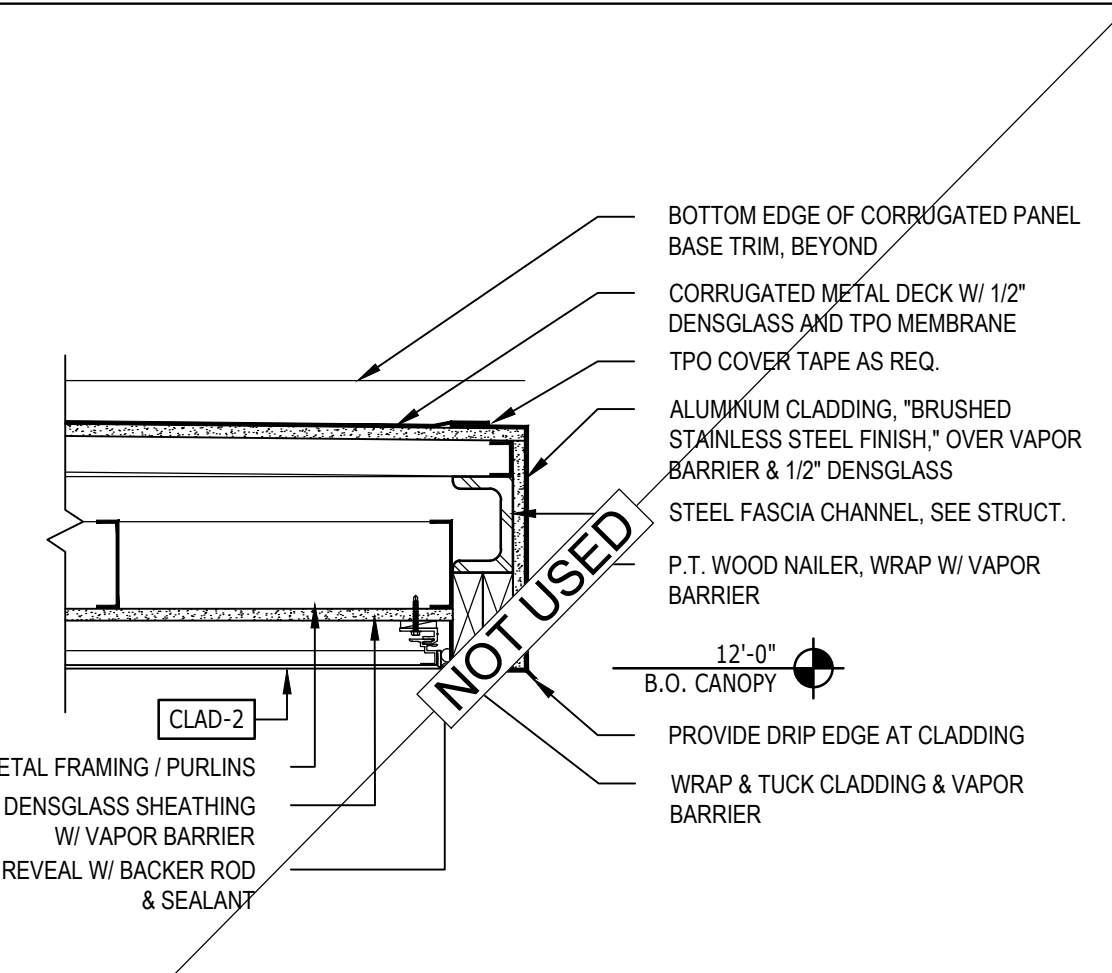
LOCATE BRACING AT 12'-0" ON CENTER EACH DIRECTION AND WITHIN 6'-0" OF PERIMETER PARTITION OR PER MANUFACTURER RECOMMENDATIONS, WHICH EVER IS MORE STRINGENT

U.S.G. DRYWALL SUSPENSION SYSTEM:  
- DGLW-26, 12' X 1 1/2' X 1 1/2' HEAVY DUTY MAIN TEE  
- DGLW-424, 4' X 1 1/2' X 1 1/2' CROSS TEE - INSTALL PER MANUFACTURER RECOMMENDATIONS - OR OWNER APPROVED USG OR ARMSTRONG ALTERNATE SYSTEM

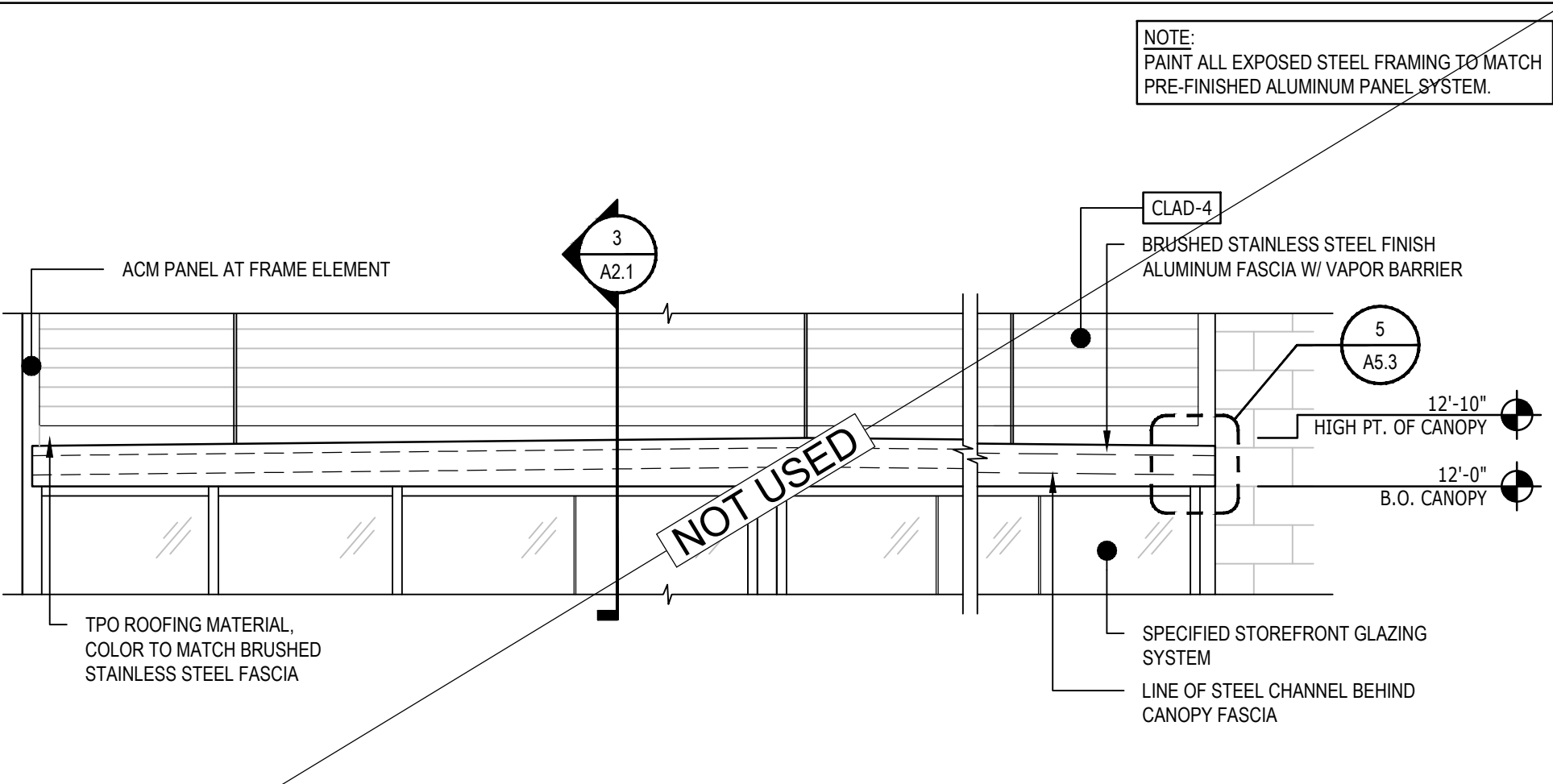
ICC-ESR-1222  
LARR#: RR 25764



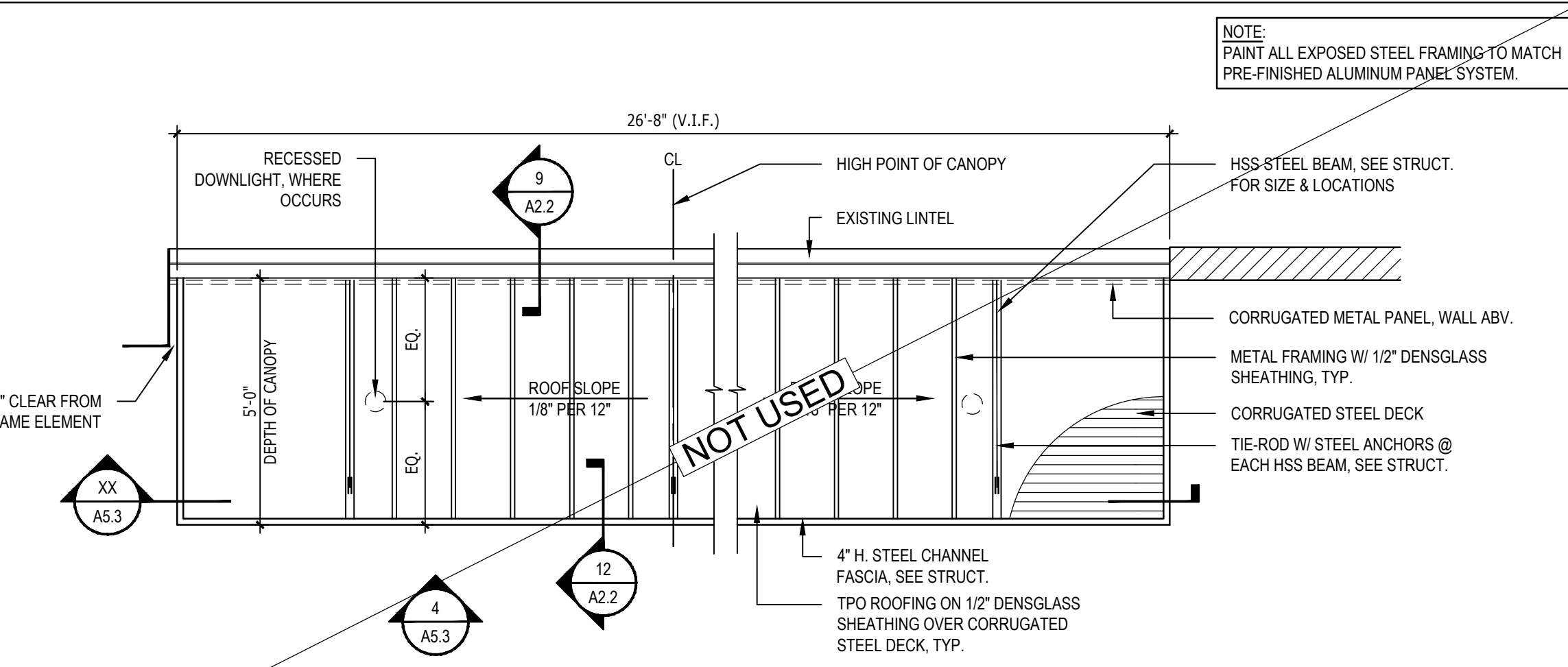
2 SEISMIC DETAIL - SUSPENDED GYPSUM BOARD CEILING  
NTS



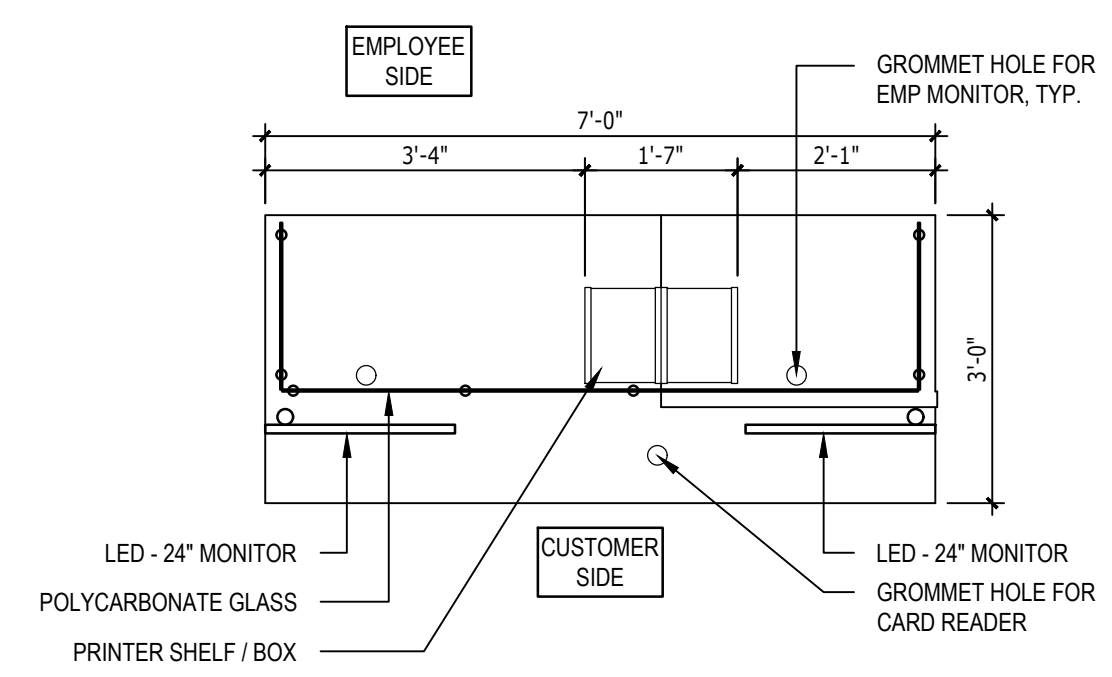
5 CANOPY SIDE FASCIA  
1-1/2" = 1'-0"



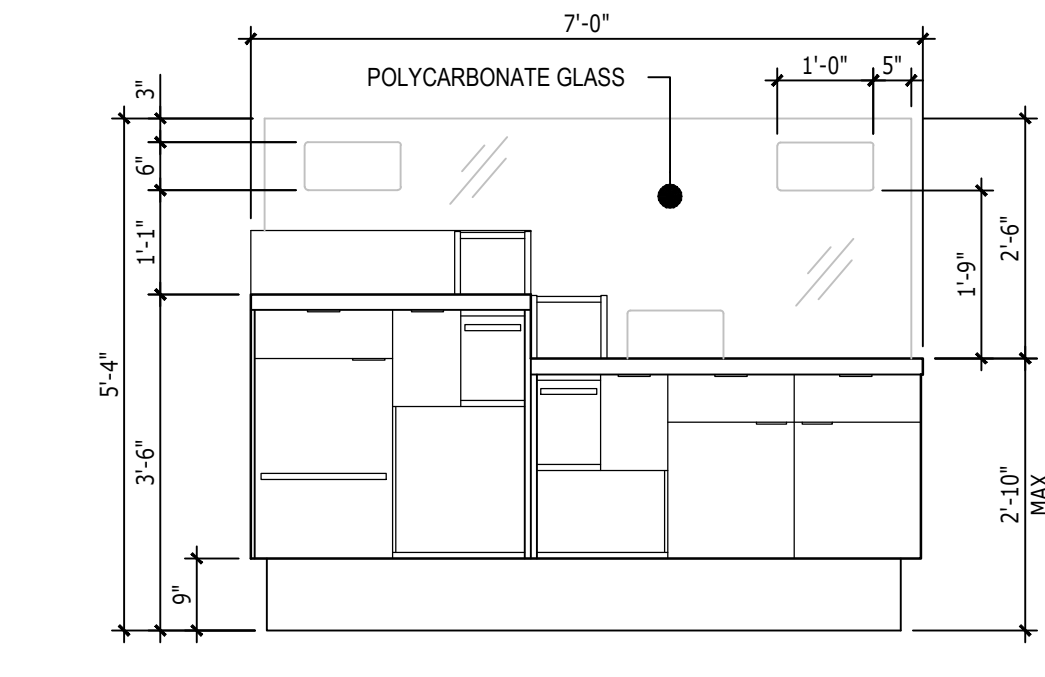
4 COMPOSITE CANOPY ELEVATION  
3/8" = 1'-0"



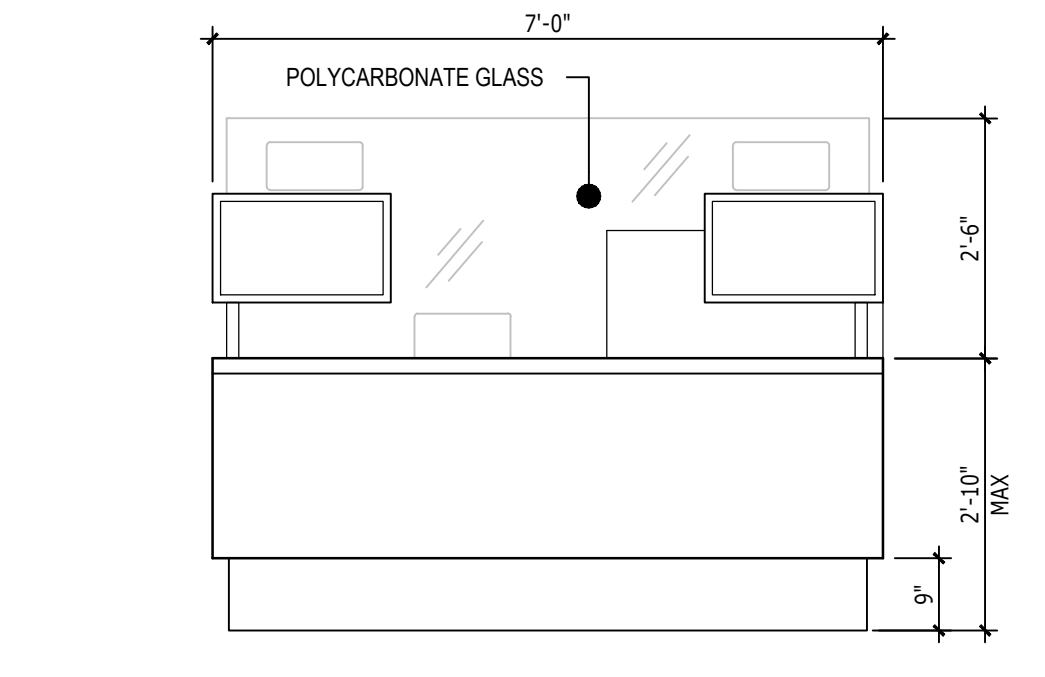
1 COMPOSITE CANOPY FRAMING PLAN  
3/8" = 1'-0"



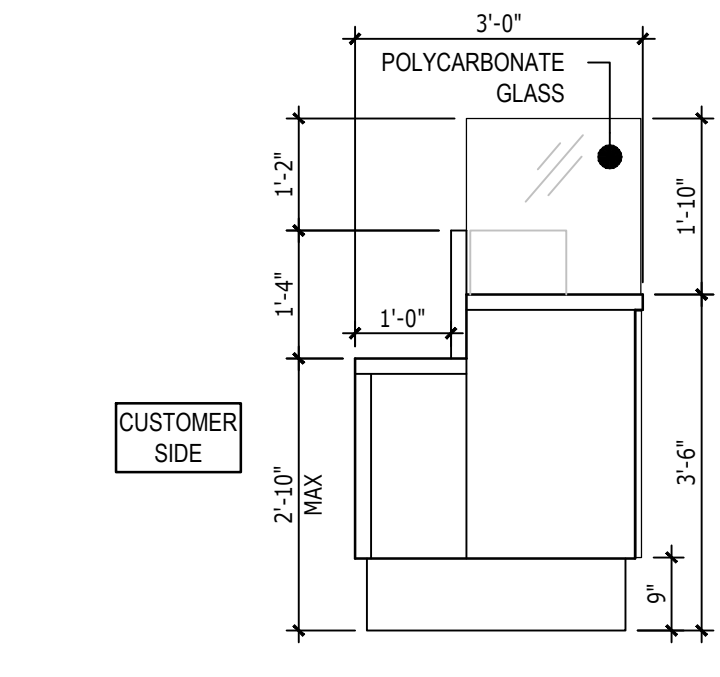
3 ACCESSIBLE COMPLIANT SALES TERMINAL  
1/2" = 1'-0"



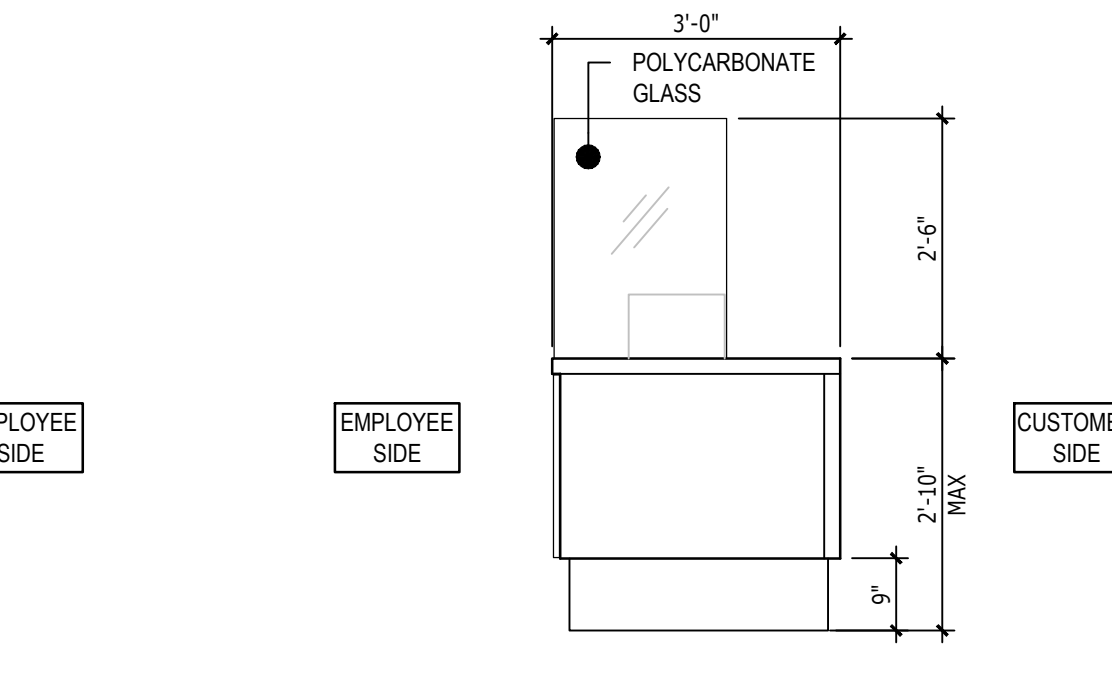
EMPLOYEE ELEVATION



SALES ELEVATION



SIDE ELEVATION



SIDE ELEVATION



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| No. | Description | Date |
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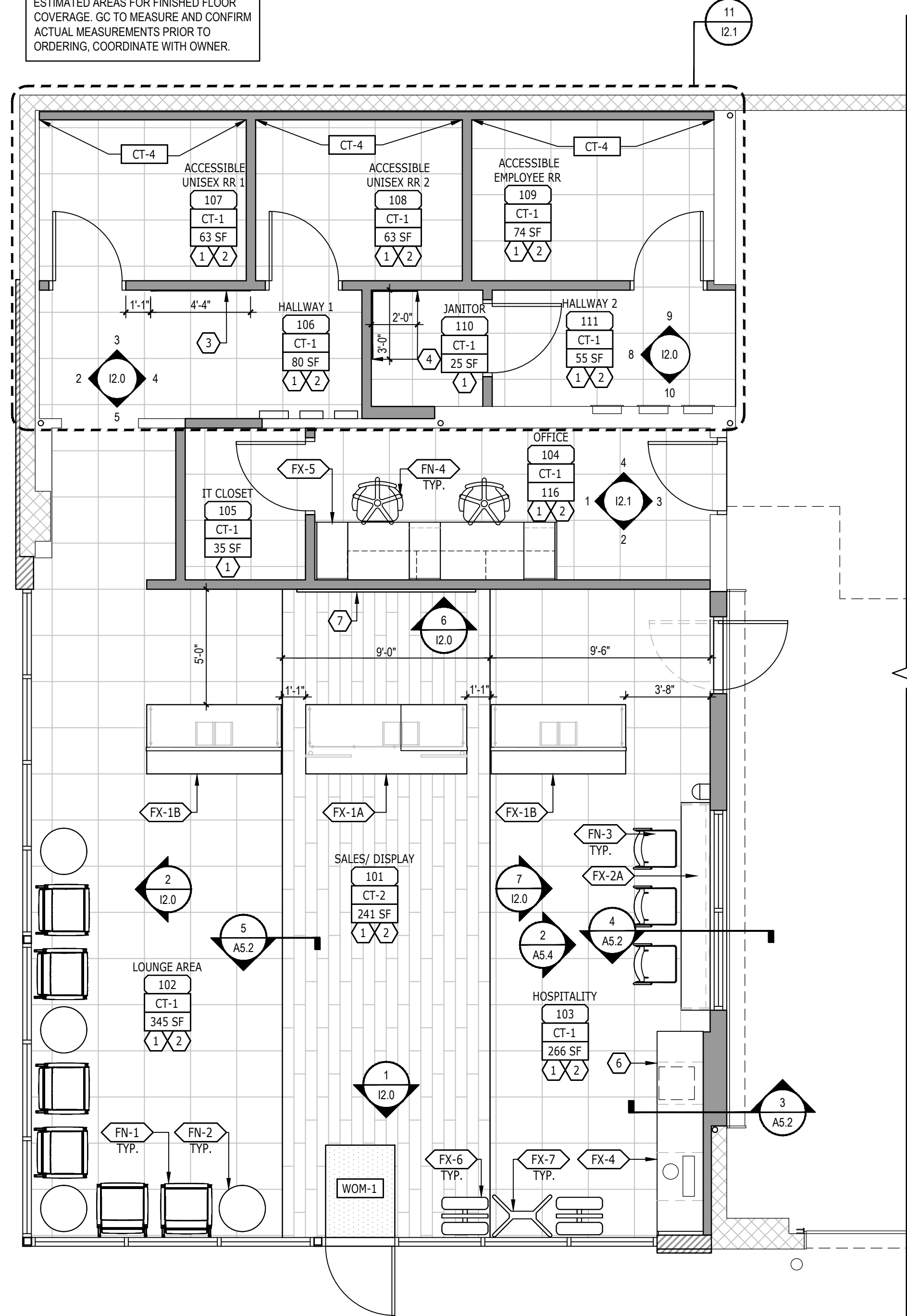
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**DETAILS**

SHEET #  
**A5.3**



NOTE:  
 SQUARE FOOTAGES PROVIDED ARE  
 ESTIMATED AREAS FOR FINISHED FLOOR  
 COVERAGE. GC TO MEASURE AND CONFIRM  
 ACTUAL MEASUREMENTS PRIOR TO  
 ORDERING. COORDINATE WITH OWNER.



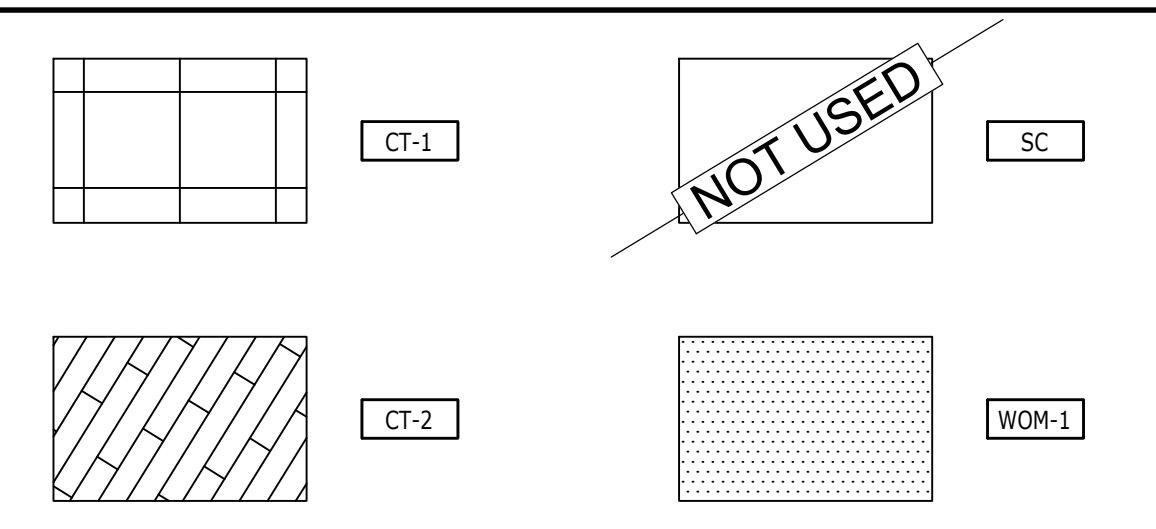
### FIXTURE SCHEDULE

| CODE  | LOCATION                                      | REMARKS   |
|-------|---|---|
| FX-1A | SALES POD - ADA COMPLIANT                     | REFER TO CASEWORK VENDOR SHOP DRAWINGS<br>REFER TO SHEET A5.3 FOR ACCESSIBILITY COMPLIANCE DTL. |
| FX-1B | SALES POD - DOUBLE                            | REFER TO CASEWORK VENDOR SHOP DRAWINGS  |
| FX-1C | SALES POD - SINGLE                            | REFER TO CASEWORK VENDOR SHOP DRAWINGS  |
| FX-2  | HOSPITALITY VIEWING COUNTER                   | REFER TO SHEETS G8.1 & A5.2 FOR INFORMATION REGARDING<br>OWNER & GC RESPONSIBILITIES.           |
| FX-2A | SERVICE BAY VIEWING COUNTER                   | SIZE VARIES. REFER TO CASEWORK VENDOR SHOP<br>DRAWINGS  |
| FX-4  | HOSPITALITY BAR W/ LAMINATE<br>PANEL SURROUND | REFER TO CASEWORK VENDOR SHOP DRAWINGS  |
| FX-5  | MANAGER'S OFFICE                              | SIZE VARIES. REFER TO CASEWORK VENDOR SHOP<br>DRAWINGS  |
| FX-6  | TIRE DISPLAY FIXTURE                          | EXISTING FIXTURE. GC TO REMOVE AND SALVAGE DURING<br>CONSTRUCTION. REINSTALL WHERE INDICATED.   |
| FX-7  | TIRE DISPLAY FIXTURE                          | EXISTING FIXTURE. GC TO REMOVE AND SALVAGE DURING<br>CONSTRUCTION. REINSTALL WHERE INDICATED.   |

### SHEET NOTES

- SLIP RESISTANT TILE.
- REFER TO INTERIOR ELEVATIONS FOR ALL WALL FINISHES.
- FRP PANELS TO BE INSTALLED AT WATER FOUNTAINS, TO 7'-10" AFF. INSTALL OVER WATER RESISTANT GYPSUM BOARD. FRP COLOR TO MATCH P-4.
- JANITOR CLOSET TO RECEIVE FRP PANELS, FULL HEIGHT, OVER WATER RESISTANT GYPSUM BOARD, COLOR WHITE.
- FIVE LIFE LESSONS SIGN, OWNER FURNISHED & INSTALLED.
- SURFACE MOUNTED "FREE WI-FI" SIGN, OWNER FURNISHED & INSTALLED.
- SURFACE MOUNTED DISCOUNT TIRE SIGNAGE ON RED ACM PANELS, OWNER FURNISHED & INSTALLED. OWNER PROVIDED ARTWORK MOUNTED TO WALL ABOVE TOILET.
- OWNER PROVIDED ARTWORK MOUNTED TO WALL ABOVE TOILET.

### FLOOR FINISH LEGEND



### FURNITURE SCHEDULE

| CODE | TYPE                 | LOCATION                           | MANUFACTURER | PRODUCT                            | COLOR   | DIMENSION                 | CONTACT   |
|------|----------------------|------------------------------------|--------------|------------------------------------|---|---------------------------|---|
| FN-1 | LOUNGE CHAIR         | RETAIL SALES                       | CAROLINA     | SERONY                             | LUSTER GREY FRAME<br>GREY POLY CAP<br>MAHARAM LARIAT BLACK 006 FABRIC   | 27"W X 25.5"D X 31" H.    | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |
| FN-2 | SIDE TABLE           | RETAIL SALES                       | CAROLINA     | X&O W/ C6X ON TOP                  | WILSONART MISSION MAPLE, 3" PLINTH IN<br>SLATE GRAY   | 24"DIA X 20"H             | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |
| FN-3 | COUNTER HEIGHT STOOL | RETAIL SALES &<br>MANAGER'S OFFICE | SITONIT      | RIO                                | UPHOLSTERED SEAT & PLASTIC BACK<br>ARMLESS, GLIDED 4 LEGGED BASE<br>SILVER FRAME, RED SHELL<br>ELEMENT STANDARD ONYX FABRIC | 21.2"H X 22.2"D X 40.35"H | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |
| FN-4 | TASK CHAIR           | MANAGER'S OFFICE                   | SITONIT      | D FLOOR CASTERS,<br>SILVER SUPPORT | ELEMENT STANDARD ONYX FABRIC<br>BRUSHED ALUMINUM BASE   | 26"W X 25"D X 35"H        | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |

### INTERIOR FINISH SCHEDULE

| CODE  | MATERIAL              | MANUFACTURER     | PRODUCT / COLOR  | DIMENSION    | LOCATION  | REMARKS                                     | CONTACT   |
|-------|-----------------------|------------------|--|--------------|---|---|---|
| ACT-1 | ACOUSTIC CEILING TILE | ARMSTRONG        | CORTEGA / 704A WHITE ANGLED TEGULAR 15/16  | 24 X 24      | GENERAL CEILING   | USE WITH WHITE T-BAR PRELUDE XL 15/16       | JOSHUA EDEN / 717-336-5972                                  |
| ACT-2 | ACOUSTIC CEILING TILE | ARMSTRONG        | CORTEGA / 709 BLACK SQUARE LAY IN 15/16  | 24 X 24      | RAISED SALES CEILING  | USE WITH BLACK T-BAR SUPERFINE GRID         | JOSHUA EDEN / 717-336-5972                                  |
| CT-1  | CERAMIC TILE          | DALTILE          | INDUSTRIAL PARK / CHARCOAL GRAY IP09   | 24 X 24      | SALES FLOOR   | INSTALL: STACK BOND PATTERN                 | BOB RAUNER / 480-443-1057                                   |
| CT-2  | CERAMIC TILE          | DALTILE          | SADDLE BROOK - OAK TRAIL   | 6 X 36       | SALES FLOOR & WALLS   | INSTALL: STAGGERED BRICK JOINT, LAP 33%     | BOB RAUNER / 480-443-1057                                   |
| CT-3  | CERAMIC TILE          | DALTILE          | SHOWSCAPE / SOFT GRAY SH11-REVERSE DOT   | 12 X 24      | RESTROOM WALLS  | INSTALL: STACK BOND PATTERN                 | BOB RAUNER / 480-443-1057                                   |
| CT-4  | CERAMIC TILE          | DALTILE          | SHOWSCAPE / CURRANT SH17 (C) CHEVRON   | 12 X 24      | RESTROOM ACCENT WALLS   | INSTALL: STACK BOND PATTERN                 | BOB RAUNER / 480-443-1057                                   |
| GR-1  | GROUT                 | MAPEI            | ULTRACOLOR PLUS FA / BLACK 10  | N/A          | FLOOR: SALES, LOUNGE,<br>HOSPITALITY, OFFICE, COMPUTER,<br>HALLWAY, RESTROOMS<br>WALLS: RESTROOMS | GROUT WIDTH 1/8" TO 1/4" AS TILE ALLOWS     |   |
| GR-2  | GROUT                 | MAPEI            | ULTRACOLOR PLUS FA / UDRY 39   | N/A          | HOSPITALITY TILED WALLS   | GROUT WIDTH 1/8" TO 1/4" AS TILE ALLOWS     |   |
| MT-1  | KICK PLATE            |                  | METAL COVER BASE / BRUSHED ALUMINUM  | 12" X 20" GA | FOCAL WALL  |   |   |
| P-3   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6252 ICE CUBE, 2 COATS: PROMAR 200 ZERO<br>VOC INTERIOR LATEX SEMI GLOSS.                             |              | GENERAL WALLS   | WALL TEXTURE: ORANGE PEEL                   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-4   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 7650 ELLIE GRAY, 2 COATS: PROMAR 200 ZERO<br>VOC INTERIOR LATEX SEMI GLOSS.                           |              | GENERAL WALLS, CHAIR RAIL,<br>DOORS & TRIM, SERVICE AREA  | WALL TEXTURE: ORANGE PEEL                   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-5   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 7757 HIGH REFLECTIVE WHITE, 2 COATS:<br>PROMAR 200 ZERO VOC INTERIOR LATEX GLOSS.                     |              | RESTROOM CEILINGS, JANITOR<br>ROOM CEILING  |   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-6   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6981 BLACK MARB, 2 COATS: PROMAR 200<br>ZERO VOC INTERIOR LATEX SEMI GLOSS.                           |              | BOTTOM OF SOFFIT IN<br>HOSPITALITY BAR  |   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-7   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6259 SPATIAL WHITE, 2 COATS: PROMAR 200<br>ZERO VOC INTERIOR LATEX SEMI GLOSS.                        |              | STORAGE ROOMS   | WALL TEXTURE: ORANGE PEEL                   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-8   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6868 REAL RED, 2 COATS: PROMAR 200 ZERO<br>VOC INTERIOR LATEX GLOSS.                                  |              | BACK WALL OF HOSPITALITY BAR  | WALL TEXTURE: SMOOTH                        | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| SC    | SEALED CONCRETE       |                  | SEALED BY OWNER. VOC COMPLIANT. ACRYLIC<br>COPOLYMER TYPE. ASTM C1518, CLASS R, ADF FORD<br>FORMULA - CURECRETE. |              | STORAGE, SERVICE AREA<br>COMPRESSOR ROOM, FIRE RISER<br>ROOM                                      |   |   |
| RB-1  | RUBBER BASE           | JOHNSONITE       | TRADITIONAL WALL BASE / 63; STANDARD UMBER B   | 4" HEIGHT    | GENERAL WALLS   | STANDARD COVE HEIGHT 4"                     | ERIN RINK / 513-504-5734                                    |
| WOM-1 | WALK-OFF MAT          | PEDIMAT          | ANODIZED ALUMINUM RAIL / MIDNIGHT BLACK INSERT   | 36" X 48"    | SALES AREA ENTRY DOORS  | TOP OF PEDIMAT TO BE FLUSH W/ FLOOR<br>TILE |   |

1 FURNITURE, FIXTURE & FINISH PLAN  
 1/4" = 1'-0"



**Design Forum  
 Architects Inc.**  
 2056 BYERS RD  
 MARIETTA, OH 45442  
 Tel. (844) 804-7700  
 Donald J. Rothman  
 Architect In Charge  
 License: 17287

**DISCOUNT  
 TIRE**  
 TXD 39  
 693 E INTERSTATE 30  
 ROCKWALL, TX 75087

10/22/2024  
  
 Donald J. Rothman

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PROJECT NUMBER DT10773  
 DATE 10/08/2024  
 DRAWN BY LI / RS  
 CHECKED BY JDW / DJR

SHEET NAME  
**FURNITURE, FIXTURE &  
 FINISH PLAN**  
 SHEET #  
**11.0**

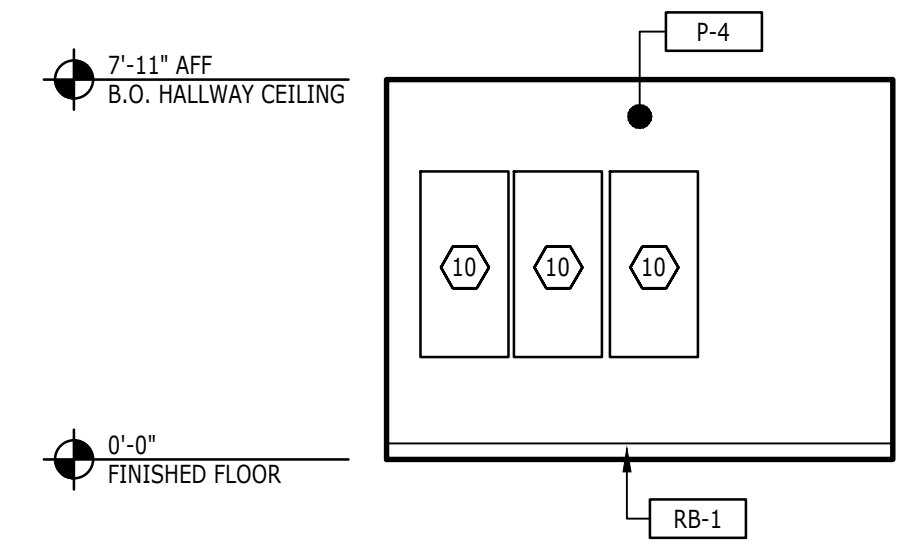


**SHEET NOTES**

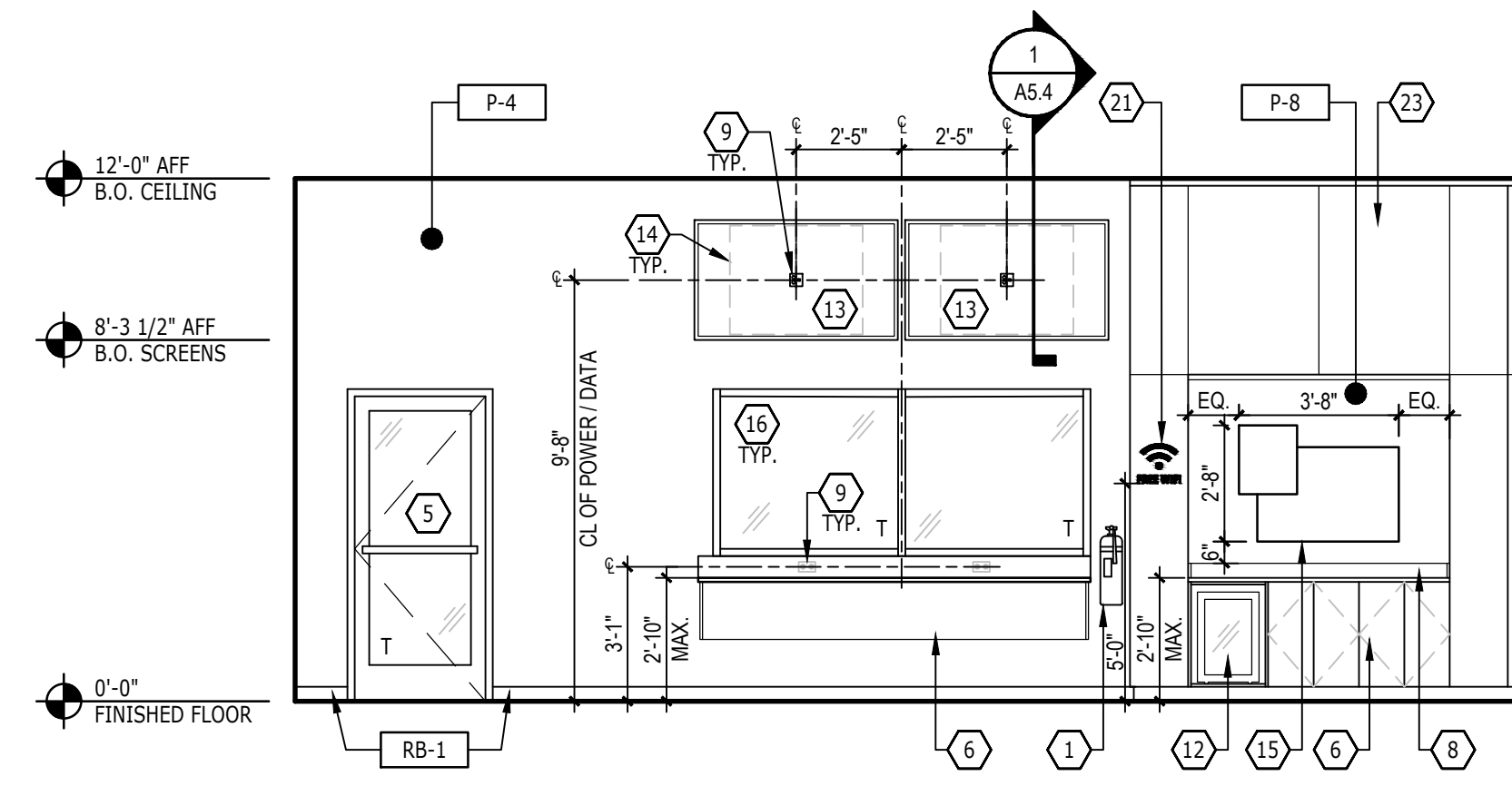
1. RELOCATED FIRE EXTINGUISHER AND APPLICABLE IDENTIFICATION SIGNAGE.
2. STORERONT GLAZING SYSTEM, REFER TO SHEET A1.0A.
3. EXISTING STOREFRONT GLAZING SYSTEM.
4. PROVIDE ALUMINUM CLOSURE PANEL TO MATCH ADJACENT STOREFRONT W/ CATHODIC PROTECTION AROUND STEEL COLUMN.
5. ALUMINUM STOREFRONT DOOR, REFER TO SHEET A1.0A.
6. MILLWORK / FIXTURE / EQUIPMENT.
7. PHONE CHARGING STATION.
8. 4" BACKSLASH.
9. POWER / DATA OUTLET, REFER TO ELECTRICAL DRAWINGS.
10. EXISTING ELECTRICAL PANEL, REFER TO ELECTRICAL DRAWINGS.
11. DRINKING FOUNTAIN W/ BOTTLE FILLER ON LOW FOUNTAIN, REFER TO PLUMBING. INSTALL CANE DETECTION APRON ON HIGH FOUNTAIN.
12. REFRIGERATOR.
13. DIGITAL DISPLAY, SUPPORTS ARE OWNER FURNISHED / OWNER INSTALLED. REFER TO ELECTRICAL DRAWINGS FOR POWER / DATA.
14. PROVIDE IN-WALL FRT PLYWOOD BLOCKING FOR DIGITAL DISPLAYS. PROVIDE SINGLE STUD BLOCKING AS REQUIRED.
15. FIVE LIFE LESSONS SIGN, OWNER FURNISHED & OWNER INSTALLED.
16. CLEAR ANODIZED ALUMINUM WINDOW WALL W/ 1" INSULATED GLAZING. REFER TO GLAZING ELEVATIONS ON A1.0A.
17. ACCESSIBLE RESTROOM SIGNAGE.
18. HAND SANITIZER.
19. FRP. COLOR TO MATCH P-4, 7'-10" IN HEIGHT, APPLIED OVER WATER RESISTANT GYPSUM BOARD.
20. EXPOSED BASE BUILDING COLUMN, PAINT TO MATCH P-4.
21. FREE WI-FI SIGN.
22. MOTORIZED ROLLER SHADES, REFER TO REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS.
23. HOSPITALITY BAR MILLWORK WITH LAMINATE PANEL SURROUND. INSTALL, BLOCK, AND BRACE AS REQUIRED PER VENDOR INSTRUCTION.
24. INTERIOR SIGNAGE OVER PRE-FINISHED SOLID CORE ACM PANELS, PROVIDED AND INSTALLED BY OWNER. GO TO COORDINATE IN-WALL BLOCKING WITH OWNER / OWNER VENDOR AS REQUIRED.
25. HOSPITALITY GRAPHIC.
26. RELOCATED EXISTING FIRE ALARM CONTROL PANEL, REFER TO ENGINEERED DRAWINGS.

**GENERAL MILLWORK NOTES**

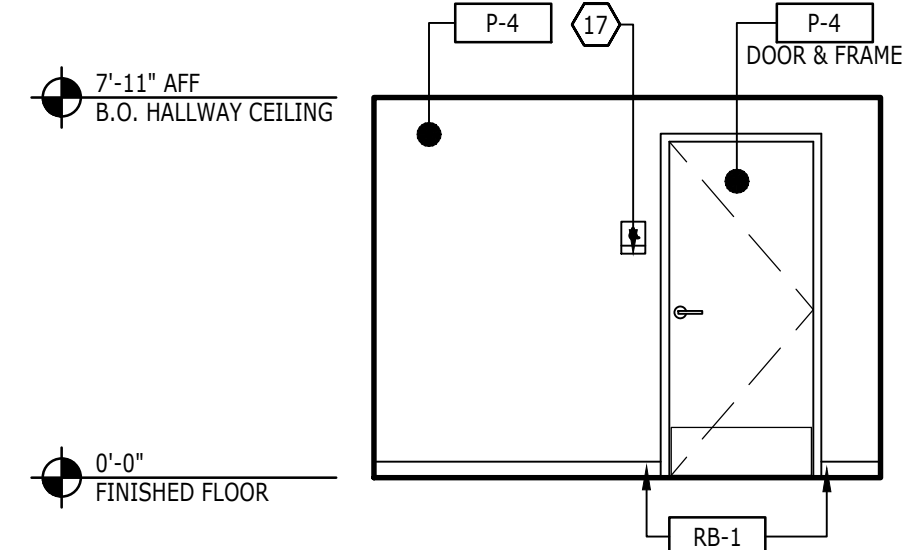
1. ALL EXPOSED MILLWORK SURFACES TO BE LAMINATED.
2. HANDLES TO BE BRUSHED ALUMINUM 3 1/2" STANLEY STIRRUPS OR OWNER APPROVED EQUAL.
3. DRAWERS TO BE MADE OF PLYWOOD.
4. ALL HINGES TO BE "BLUM" OR OWNER APPROVED EQUAL.
5. ALL CABINETS ARE OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE INSTALLATION.
6. ELECTRICAL SERVICE TO NEW SALES COUNTERS TO BE UNDERGROUND. REWORK AND/OR REPLACE EXISTING UNDERGROUND CONDUIT AS REQUIRED FOR NEW LOCATIONS. GENERAL CONTRACTOR TO COORDINATE EXACT LOCATION WITH MILLWORK CONTRACTOR. REFER TO ELECTRICAL DRAWINGS AS REQUIRED FOR SCOPE.
7. CAULK ALL EDGES OF MILLWORK TO ADJACENT WALL SURFACE.



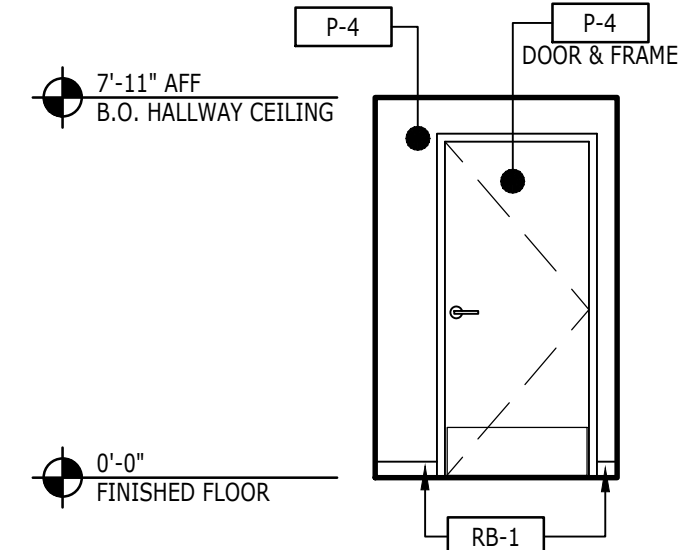
**10 INTERIOR ELEVATION - HALLWAY 2**  
1/4" = 1'-0"



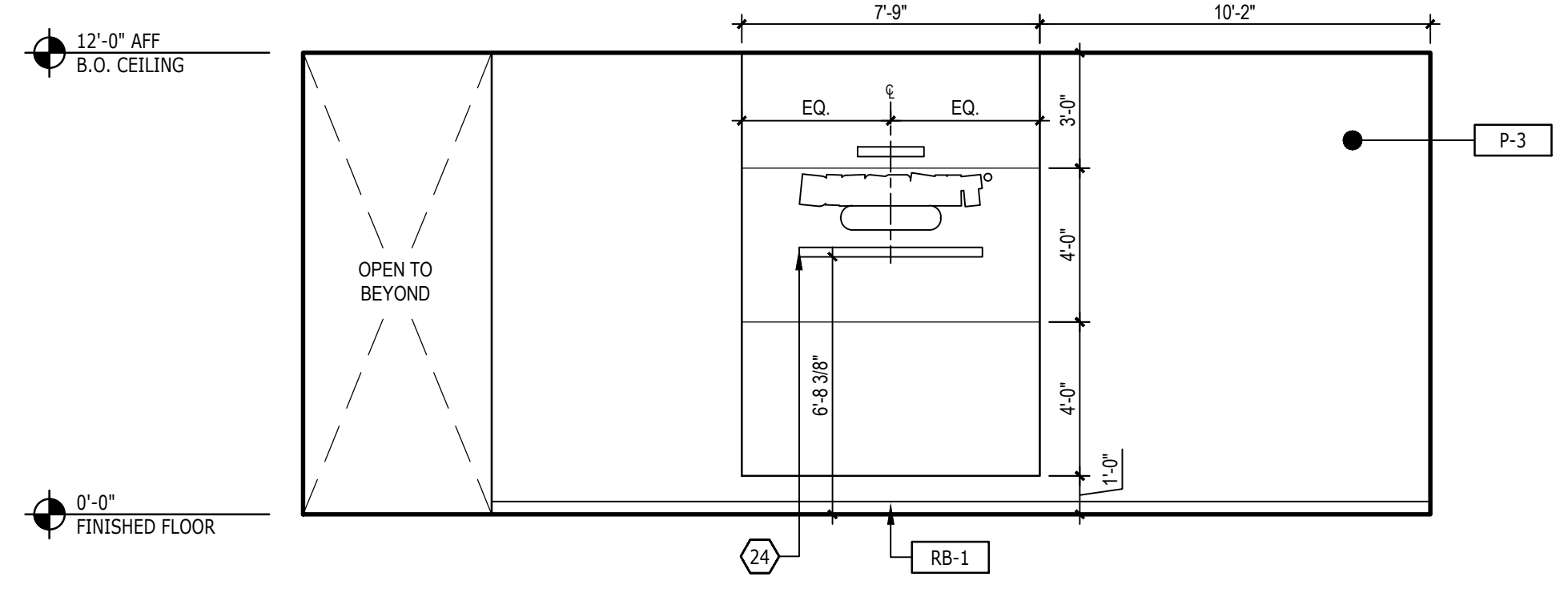
**7 INTERIOR ELEVATION - HOSPITALITY / SALES**  
1/4" = 1'-0"



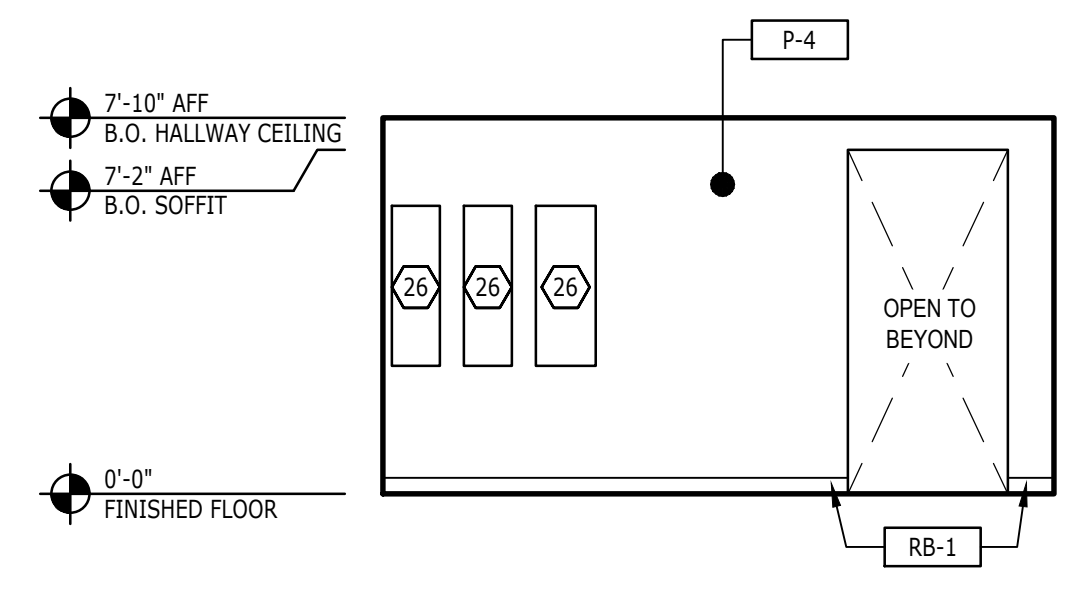
**9 INTERIOR ELEVATION - HALLWAY 2**  
1/4" = 1'-0"



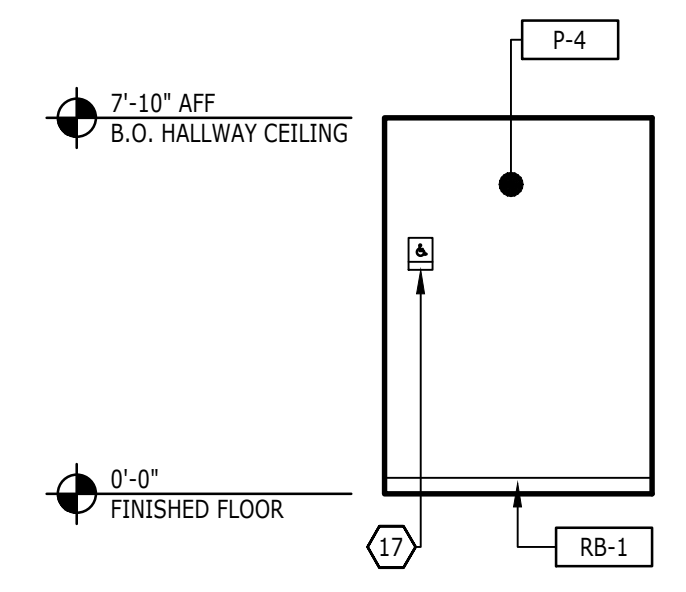
**8 INTERIOR ELEVATION - HALLWAY 2**  
1/4" = 1'-0"



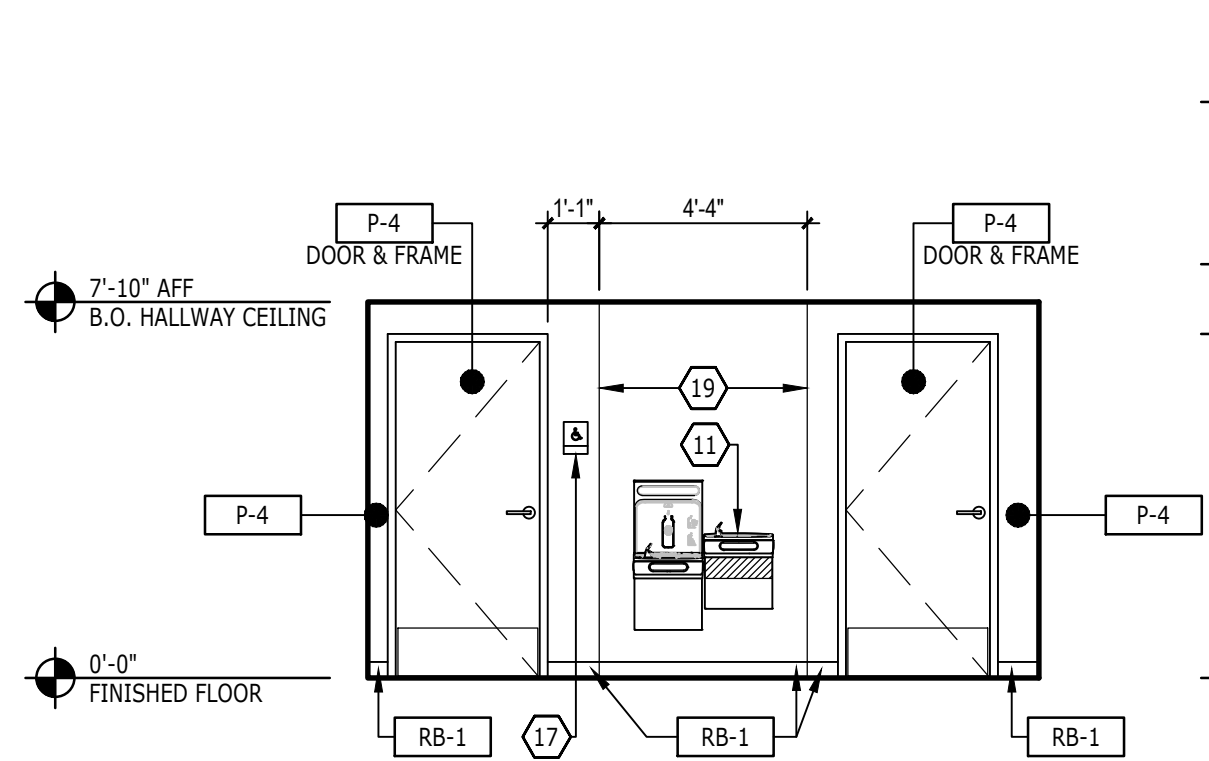
**6 INTERIOR ELEVATION - FOCAL WALL**  
1/4" = 1'-0"



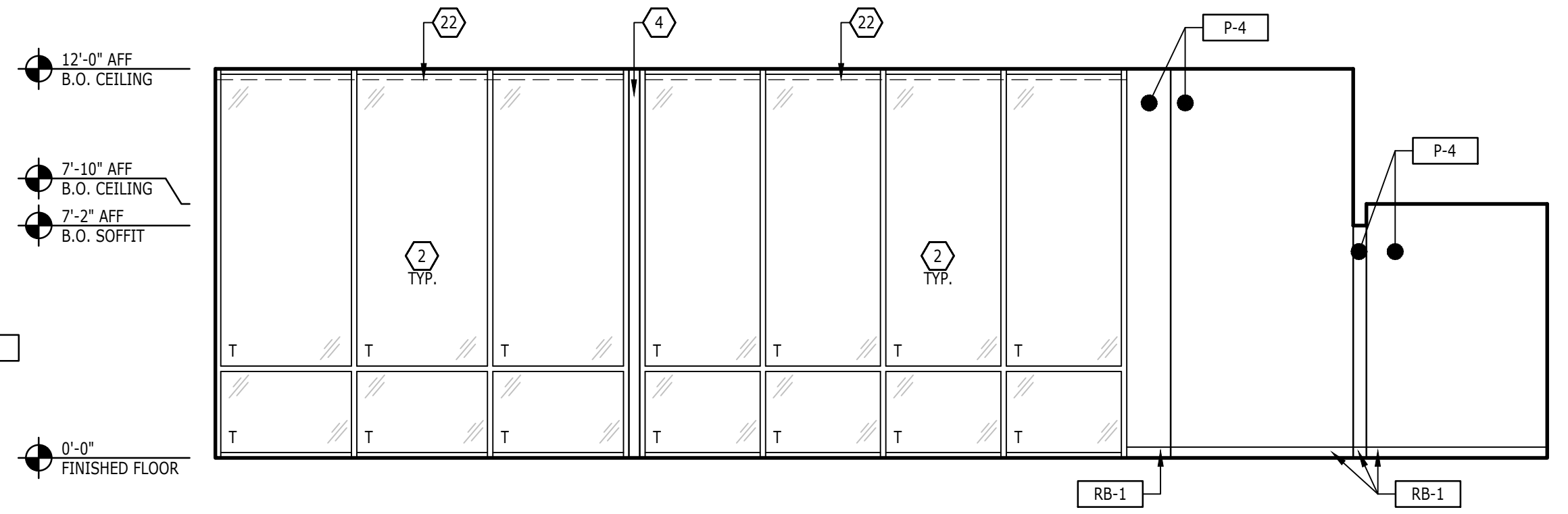
**5 INTERIOR ELEVATION - HALLWAY 1**  
1/4" = 1'-0"



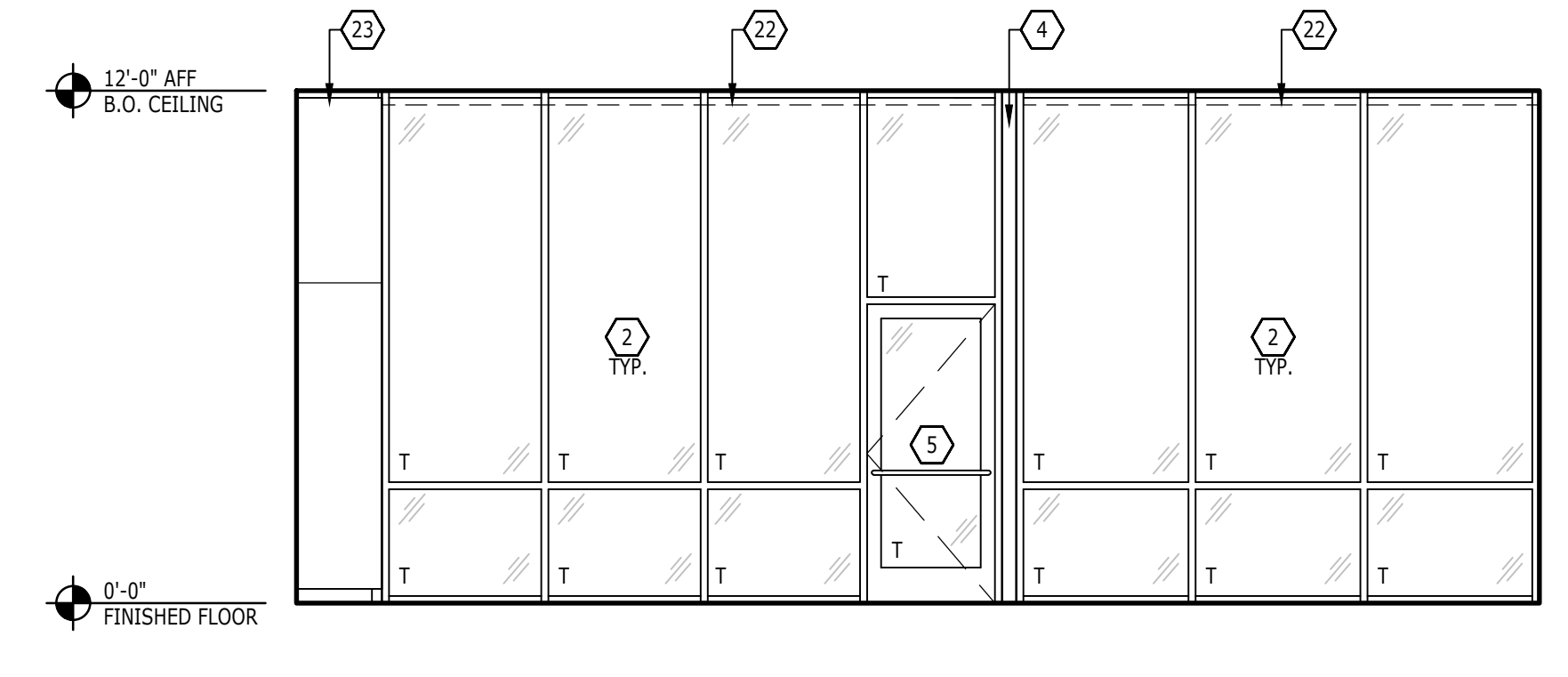
**4 INTERIOR ELEVATION - HALLWAY 1**  
1/4" = 1'-0"



**3 INTERIOR ELEVATION - HALLWAY 1**  
1/4" = 1'-0"



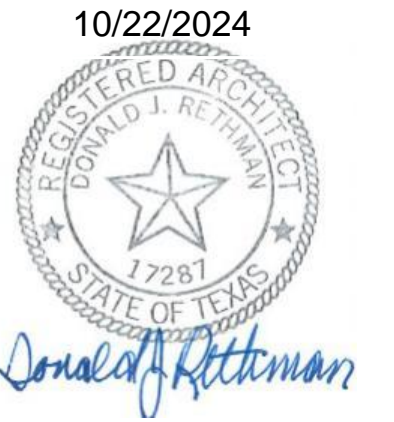
**2 INTERIOR ELEVATION - SALES**  
1/4" = 1'-0"



**1 INTERIOR ELEVATION - SALES**  
1/4" = 1'-0"

**DISCOUNT TIRE**

TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087



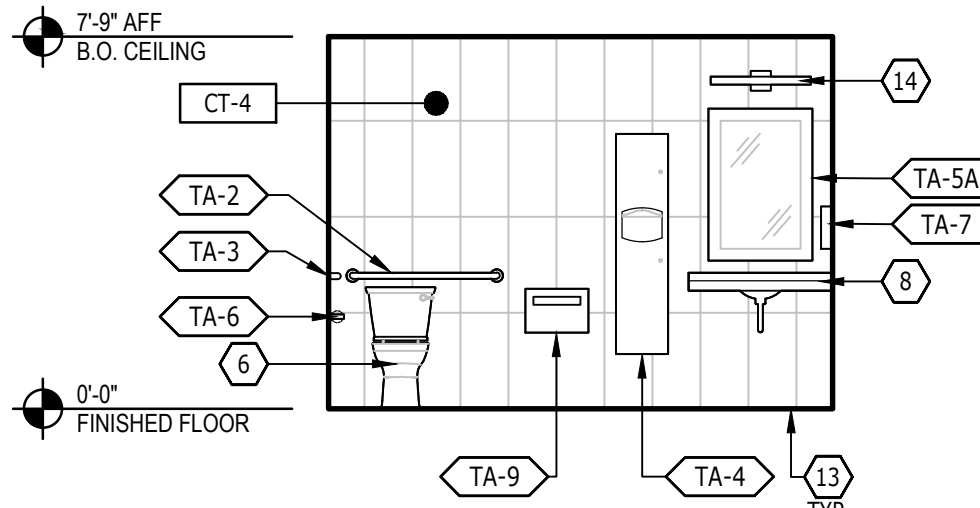
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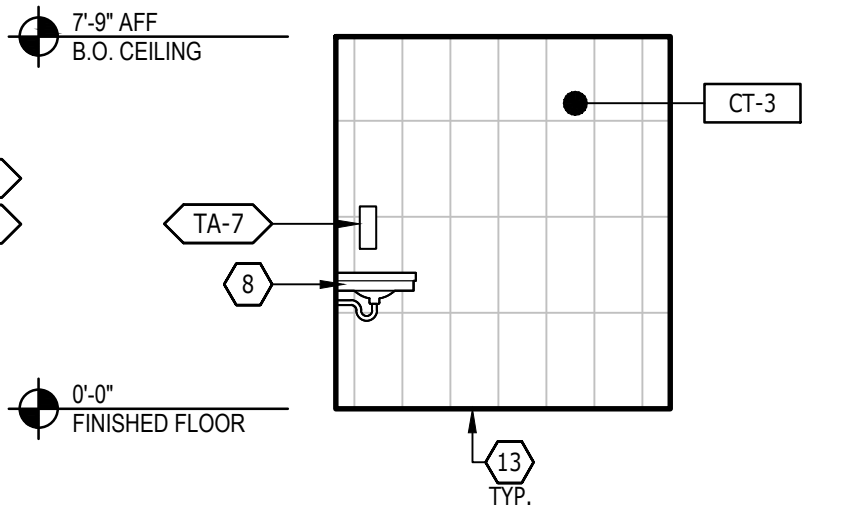
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**INTERIOR ELEVATIONS**

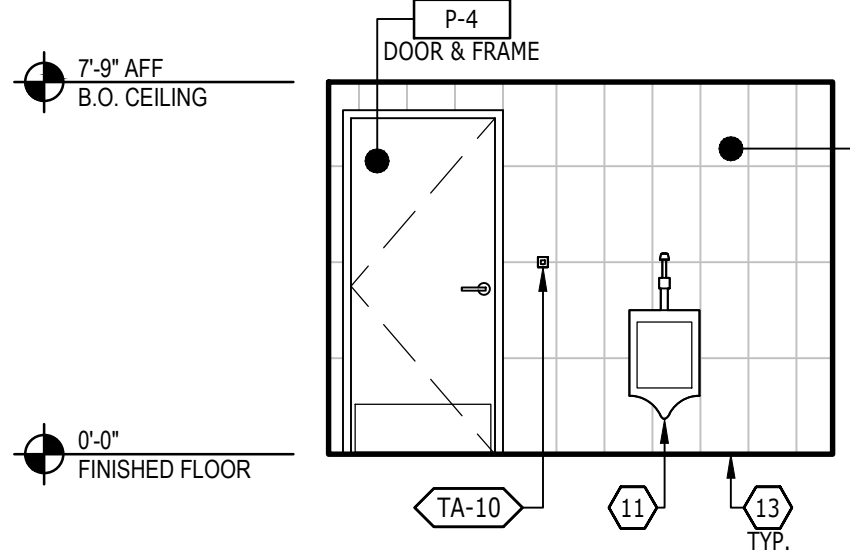
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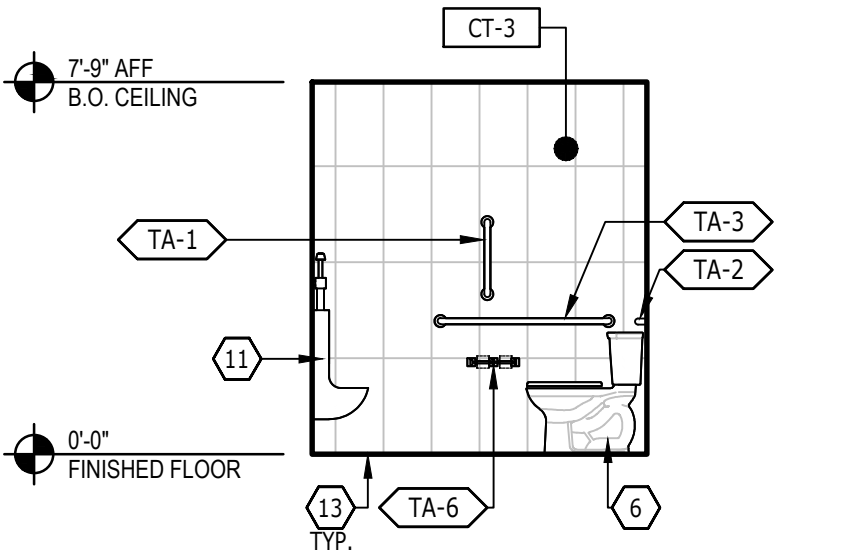
17 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



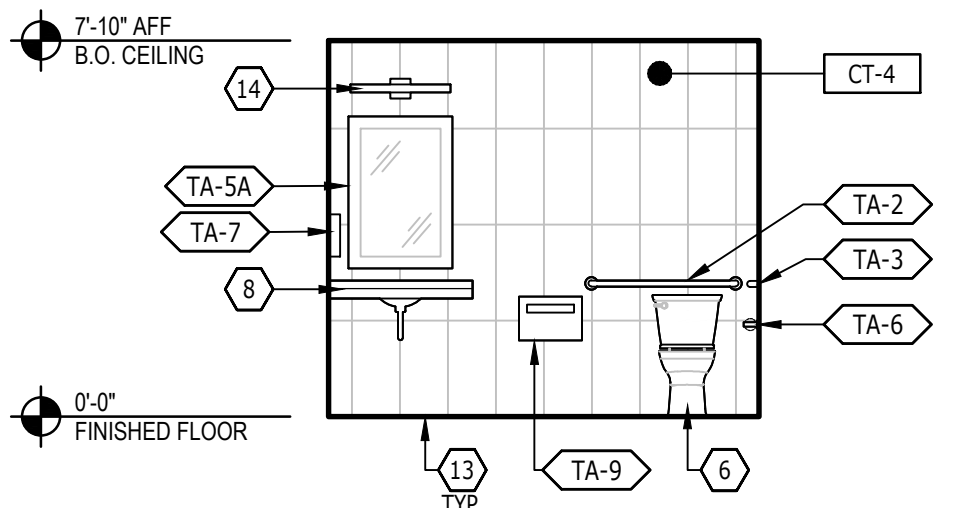
16 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



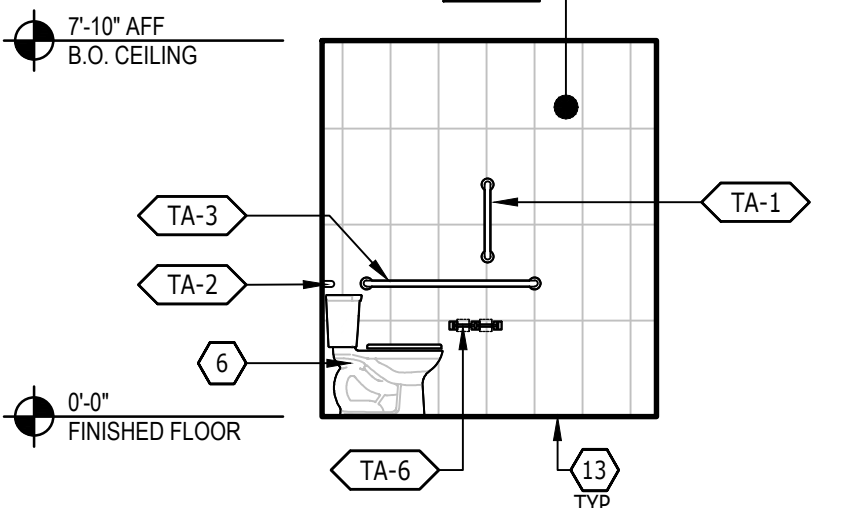
15 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



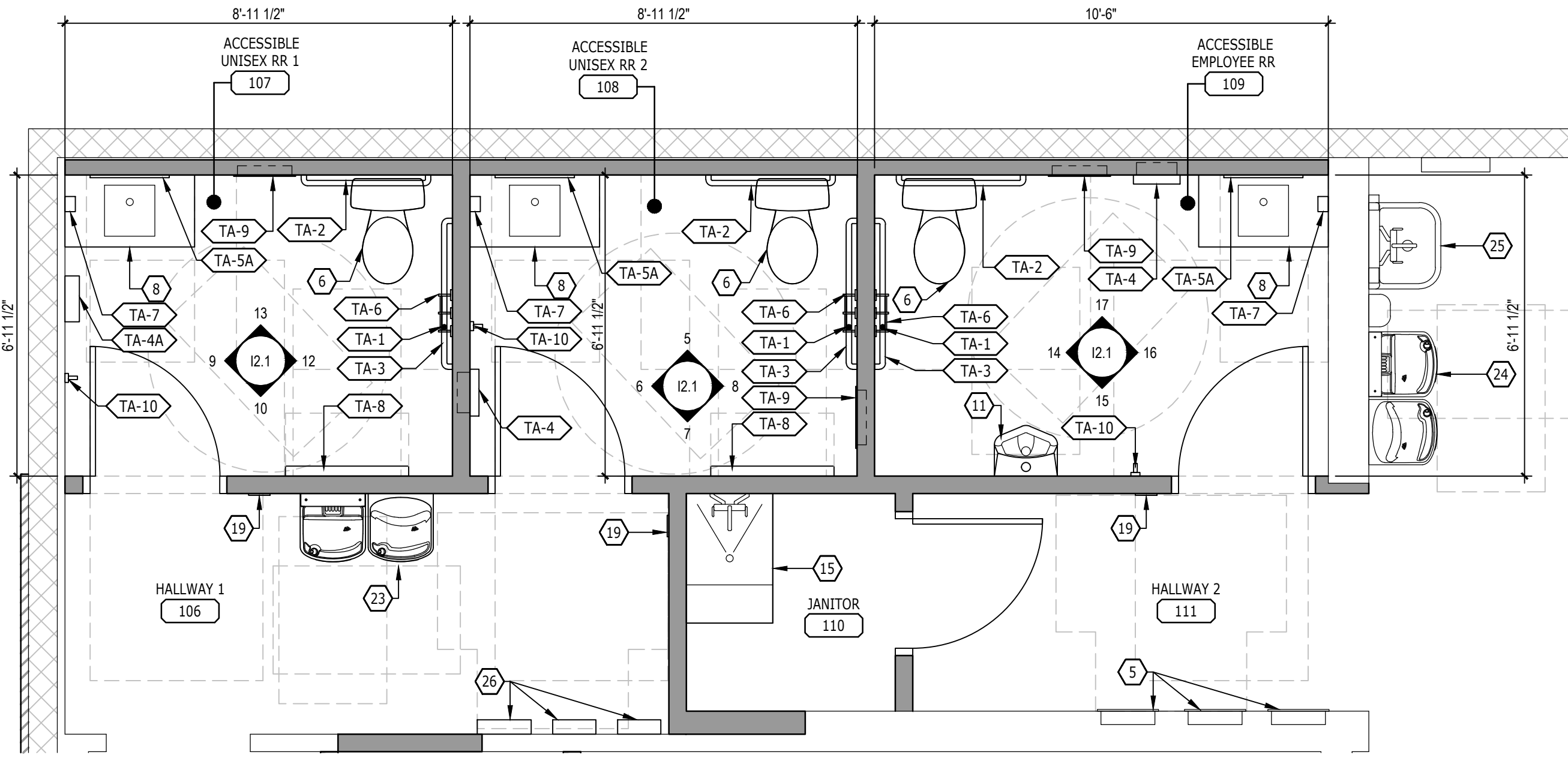
14 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



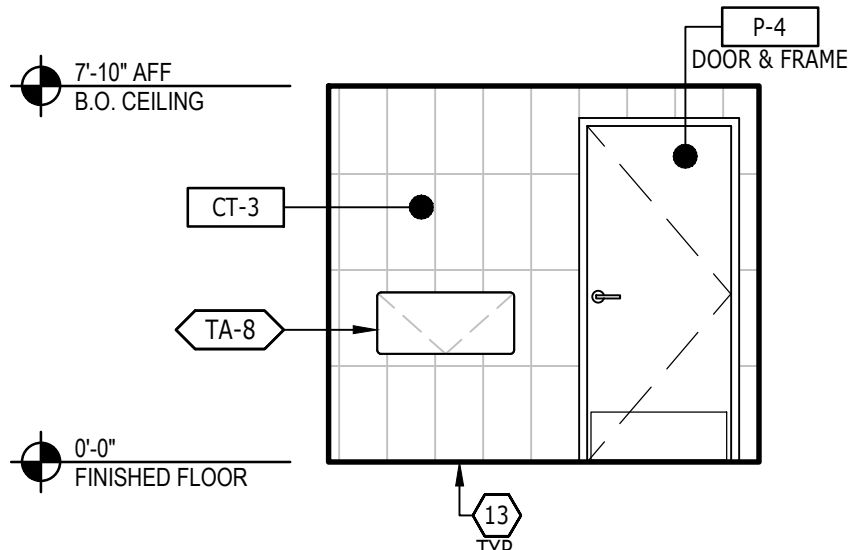
13 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



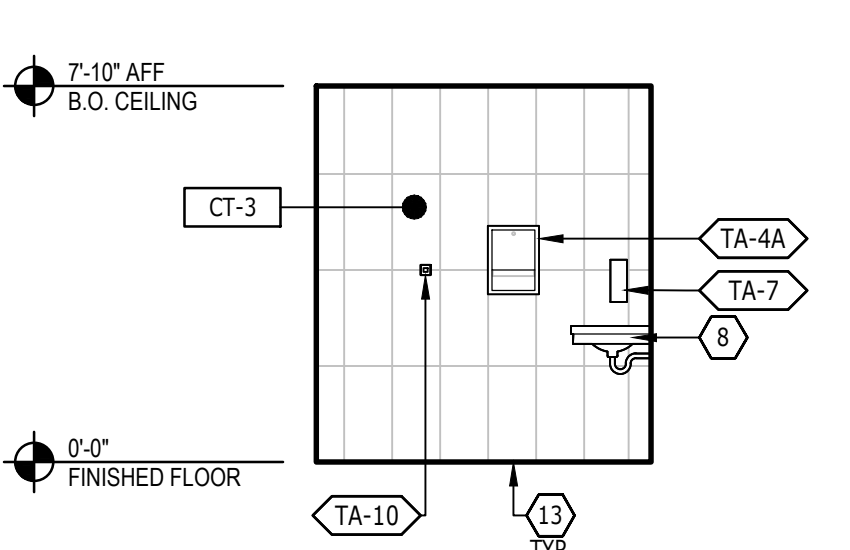
12 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



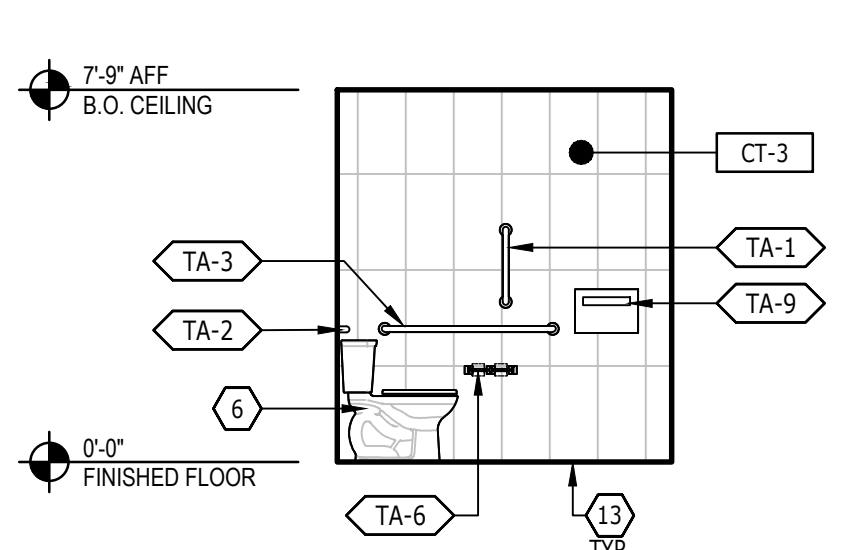
11 ENLARGED RESTROOM PLAN  
3/8" = 1'-0"



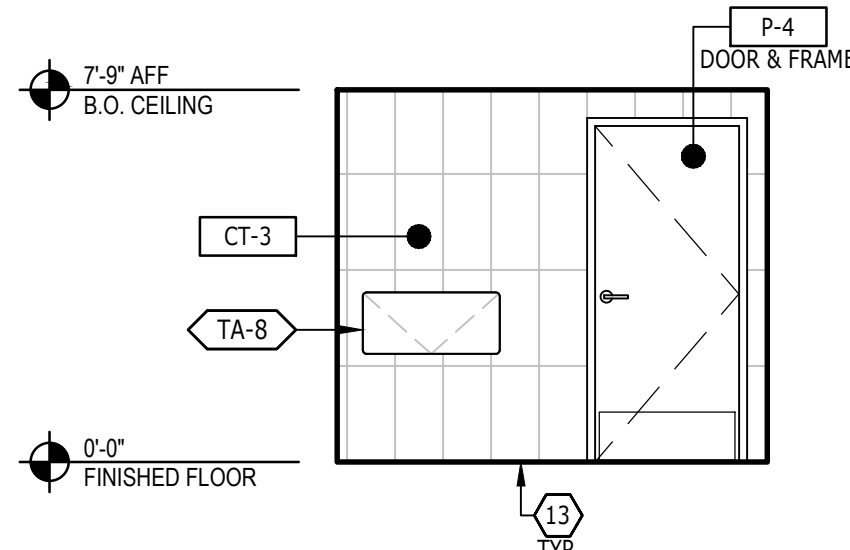
10 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



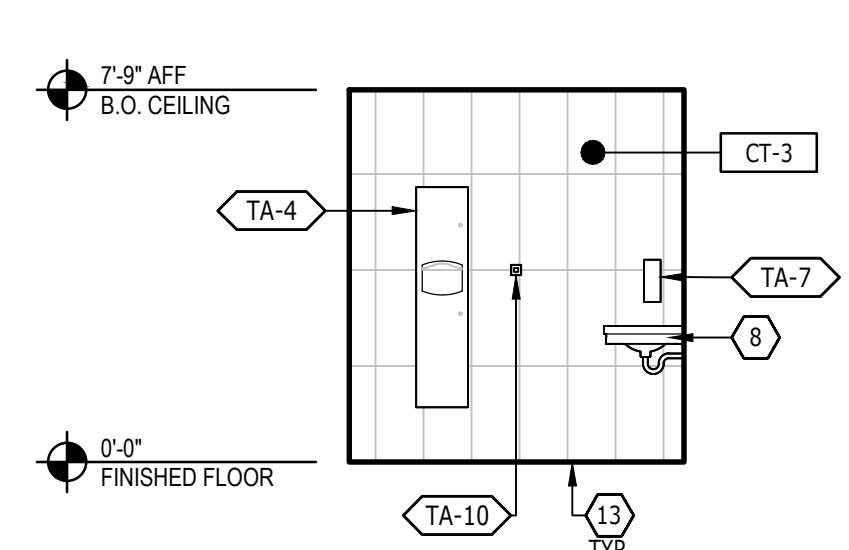
9 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



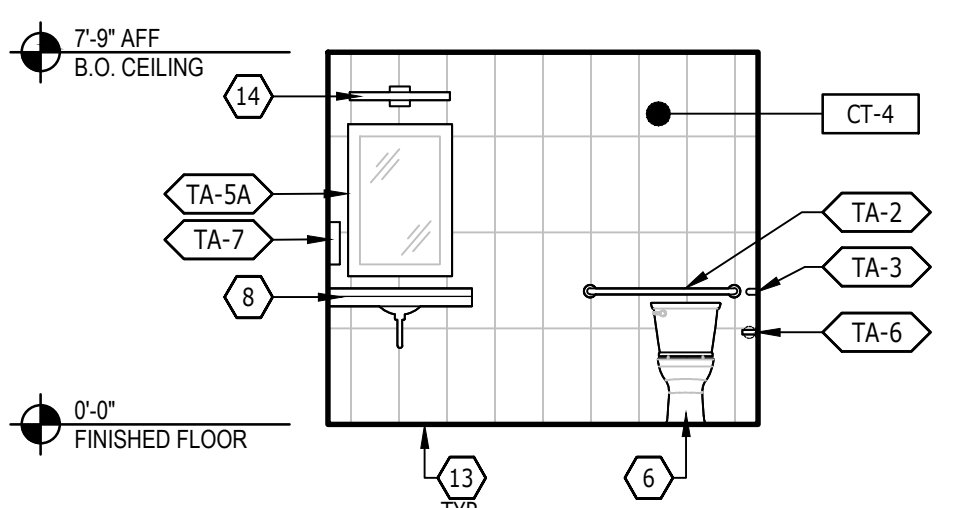
8 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



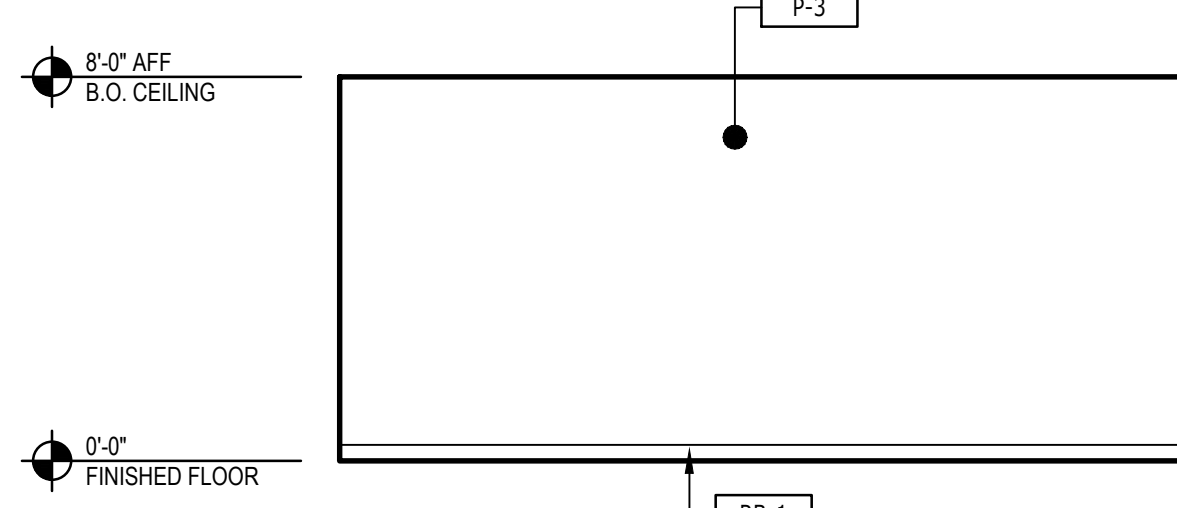
7 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



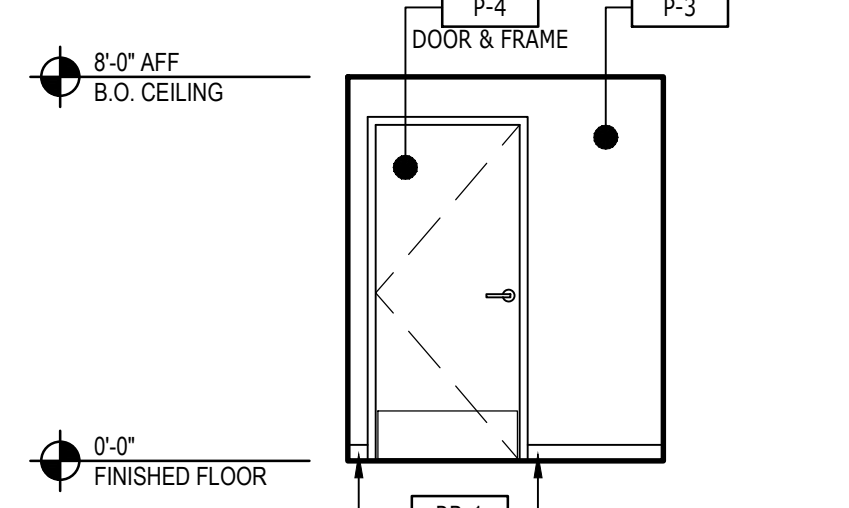
6 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



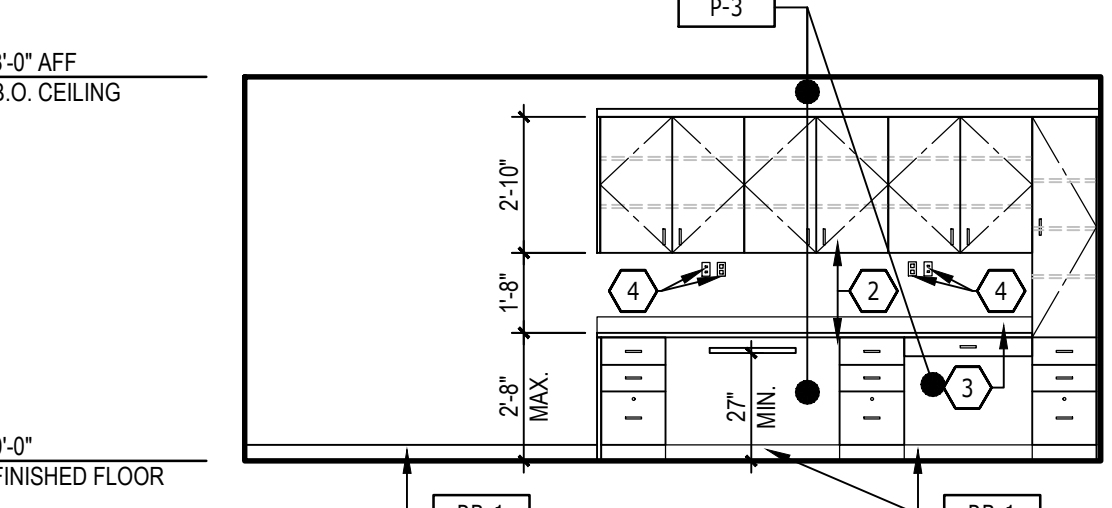
5 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



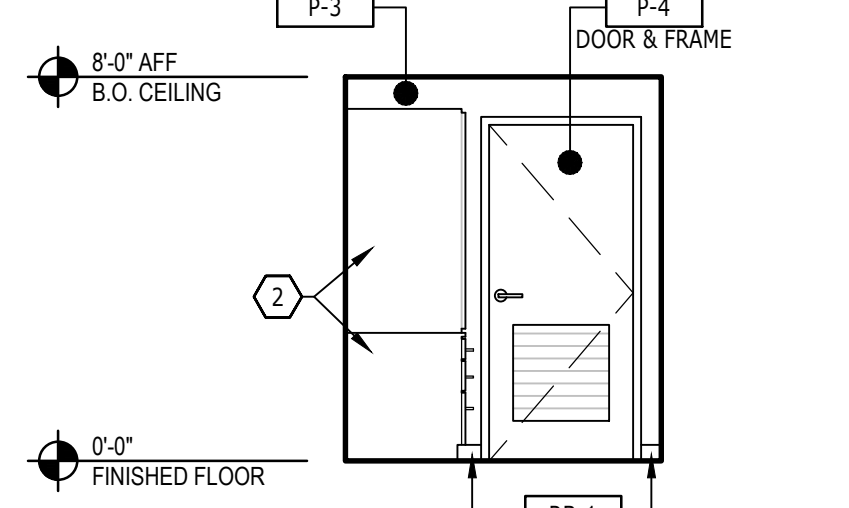
4 INT. ELEVATION - OFFICE  
1/4" = 1'-0"



3 INT. ELEVATION - OFFICE  
1/4" = 1'-0"



2 INT. ELEVATION - OFFICE  
1/4" = 1'-0"



1 INT. ELEVATION - OFFICE  
1/4" = 1'-0"

**SHEET NOTES**

- FIRE EXTINGUISHER AND APPLICABLE IDENTIFICATION SIGNAGE.
- OWNER SUPPLIED MILLWORK / FIXTURE / EQUIPMENT.
- 4" BACKSLASH.
- POWER / DATA OUTLET, REFER TO ELECTRICAL DRAWINGS.
- EXISTING ELECTRICAL PANEL, REFER TO ELECTRICAL DRAWINGS.
- ACCESSIBLY COMPLIANT TOILET, REFER TO PLUMBING DRAWINGS. ENSURE FLUSH LEVER IS ON ACCESSIBLE SIDE OF FIXTURE.
- EXISTING ACCESSIBLY COMPLIANT TOILET.
- ACCESSIBLY COMPLIANT WALL HUNG VANITY W/ UNDER-MOUNT SINK, REFER TO PLUMBING DRAWINGS. PROVIDE UNDER-SINK PIPING COVER FOR DRAIN, VALVES, AND SUPPLY THAT MAINTAINS ACCESSIBILITY COMPLIANCE.
- WALL HUNG VANITY W/ UNDER-MOUNT SINK REFER TO PLUMBING DRAWINGS. PROVIDE UNDER-SINK PIPING COVER FOR DRAIN, VALVES, AND SUPPLY.
- EXISTING ACCESSIBLY COMPLIANT WALL HUNG LAVATORY.
- WALL MOUNTED URINAL, REFER TO PLUMBING DRAWINGS.
- EXISTING WALL MOUNTED URINAL.
- ENSURE ADEQUATE WATERPROOF TRANSITION FROM FLOOR TO WALL TILES.
- WALL SCONCE, REFER TO REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS.
- MOP SINK, REFER TO PLUMBING DRAWINGS.
- EXISTING MOP SINK.
- FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
- EXISTING FLOOR DRAIN.
- ACCESSIBLE RESTROOM SIGNAGE, REFER TO G0.4.
- TOILET, REFER TO PLUMBING DRAWINGS. ENSURE FLUSH LEVER IS ON ACCESSIBLE SIDE OF FIXTURE.
- OWNER SUPPLIED ARTWORK, WALL MOUNTED ABOVE TOILET, CENTERED ON TOILET, BOTTOM OF ARTWORK @ 46" AFF.
- EXISTING HAND SANITIZER.
- NEW DRINKING FOUNTAIN, PROVIDE HI-LOW FIXTURE AND INSTALL FOR ACCESSIBILITY COMPLIANCE. LOW FIXTURE TO HAVE BOTTLE FILLER, HI FIXTURE TO HAVE CANE DETECTION APRON.
- EXISTING DRINKING FOUNTAIN, REPAIR AS REQUIRED. GC TO FURNISH AND INSTALL CANE DETECTION APRON IF NOT EXISTING.
- EXISTING SERVICE SINK.
- RELOCATED EXISTING FIRE ALARM CONTROL PANEL, REFER TO ENGINEERED DRAWINGS.

**RESTROOM ACCESSORIES SCHEDULE**

| CODE  | QTY | DESCRIPTION   | NOTES |
|-------|-----|---|-------|
| TA-1  | 3   | 18" GRAB BAR, BRADLEY; 8120 / 676737                        | 1     |
| TA-2  | 3   | 36" GRAB BAR, BRADLEY; 8120 / 495641                        | 1     |
| TA-3  | 3   | 42" GRAB BAR, BRADLEY; 8120 / 495643                        | 1     |
| TA-4  | 2   | PAPER TOWEL DISPENSER W/ WASTE RECEPTACLE, BRADLEY, 2017-10 | 1     |
| TA-4A | 1   | PAPER TOWEL DISPENSER, BRADLEY; 2441-11                     | 1     |
| TA-4B | 1   | PAPER TOWEL DISPENSER, BRADLEY; 2441-11                     | 1     |
| TA-5A | 3   | ADA MIRROR (20" X 32"), (DT VENDOR FURNISHED, GC INSTALL)   | 1, 2  |
| TA-5B | 1   | ADA MIRROR (16" X 32"), (DT VENDOR FURNISHED, GC INSTALL)   | 1, 3  |
| TA-6  | 3   | TOILET PAPER DISPENSER, BRADLEY; 5235 / 987877              | 1     |
| TA-7  | 3   | SURFACE MOUNTED SOAP DISPENSER, BRADLEY; 6542 / 37612       | 1     |
| TA-8  | 2   | DIAPER CHANGING STATION, BRADLEY; 9631 / 1293387            | 1     |
| TA-9  | 3   | TOILET SEAT COVER DISPENSER, BRADLEY; 5831 / 396550         | 1     |
| TA-10 | 3   | COAT HOOK, BRADLEY; 9134 / 668990                           | 1     |

- NOTES**
- REFER TO SHEET G0.4 - ACCESSIBILITY COMPLIANCE & STANDARDS - FOR INSTALL DIMENSIONS.
  - TA-5A TO BE USED IN RESTROOMS WITH 36" OWNER SUPPLIED VANITY W/ UNDER-MOUNT SINK.
  - TA-5B TO BE USED IN RESTROOMS WITH 20" OR 28" OWNER SUPPLIED VANITY W/ UNDER-MOUNT SINK.
  - SEMI-RECESSED FIXTURE, RECESSED 3-1/2", PROJECT 2-1/2".
  - SURFACE-MOUNTED FIXTURES, PROJECTS 6".

**DISCOUNT TIRE**  
TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024  
REGISTERED ARCHITECT  
DONALD J. ROTHMAN  
STATE OF TEXAS  
17287  
© 2024 CHANGEUP INC.

| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |

|                |            |
|----------------|------------|
| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS**

SHEET #  
**12.1**

**GENERAL**

- COORDINATE WITH ALL DRAWINGS FOR INFORMATION RELATED TO STRUCTURAL WORK. ANY CHANGES TO THE BUILDING STRUCTURAL SYSTEM SHALL BE REDESIGNED BY OR REVIEWED BY WHS ENGINEERING. ALL CHANGES MUST HAVE PRIOR AUTHORIZATION OF THE OWNER AND WHS ENGINEERING.
- ALL CONTRACTORS SHALL COORDINATE WITH ALL DRAWINGS AND SPECIFICATIONS WITHIN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS RELATED TO EXISTING CONSTRUCTION, EXISTING SERVICES, AND THE SITE BEFORE BEGINNING WORK.
- BUILDING CODE: 2024 CODE OF ORDINANCE CITY OF ROCKWALL, TX, 2021 INTERNATIONAL BUILDING CODE (IBC), ASCE 7-16

DESIGN LOADS:

|                      |         |
|----------------------|---------|
| FLOOR LIVE LOAD..... | 100 PSF |
| ROOF LIVE LOAD.....  | 20 PSF  |

ROOF SNOW LOAD DATA:

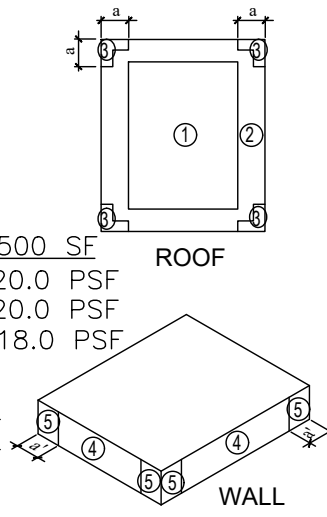
|                              |              |
|------------------------------|--------------|
| GROUND SNOW LOAD .....       | Pg=5.0 PSF   |
| FLAT ROOF SNOW LOAD .....    | Pf=3.5 PSF   |
| MINIMUM ROOF SNOW LOAD ..... | Pmin=5.0 PSF |
| SNOW EXPOSURE FACTOR .....   | Ce=1.0       |
| SNOW IMPORTANCE FACTOR ..... | Is=1.0       |
| THERMAL FACTOR .....         | Ct=1.0       |

WIND DESIGN DATA:

|  |                |
|--|----------------|
| DESIGN WIND SPEED .....                        | V(ult)=105 MPH |
| RISK CATEGORY .....                            | II             |
| WIND EXPOSURE .....                            | C              |
| APPLICABLE INTERNAL PRESSURE COEFFICIENT ..... | Cp,i=±0.18     |

**COMPONENT AND CLADDING (h=60.)**

|                    |           |           |           |           |           |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| <b>ROOF</b>        |           |           |           |           |           |
| WIND AREA:         | 10 SF     | 20 SF     | 50 SF     | 100 SF    |           |
| NEG. ZONE 1        | -41.7 PSF | -39.0 PSF | -35.3 PSF | -32.6 PSF |           |
| NEG. ZONE 2        | -55.1 PSF | -51.5 PSF | -46.8 PSF | -43.3 PSF |           |
| NEG. ZONE 3        | -55.1 PSF | -51.5 PSF | -46.8 PSF | -43.3 PSF |           |
| POS. ALL ZONES     | +24.0 PSF | +22.9 PSF | +21.5 PSF | +20.4 PSF |           |
| <b>WALLS</b>       |           |           |           |           |           |
| WIND AREA:         | 10 SF     | 20 SF     | 50 SF     | 100 SF    | 500 SF    |
| NEG. ZONE 4        | -26.0 PSF | -24.9 PSF | -23.5 PSF | -22.4 PSF | -20.0 PSF |
| NEG. ZONE 5        | -32.0 PSF | -29.8 PSF | -27.0 PSF | -24.9 PSF | -20.0 PSF |
| POS. ALL ZONES     | +24.0 PSF | +22.9 PSF | +21.5 PSF | +20.4 PSF | +18.0 PSF |
| <b>PARAPET</b>     |           |           |           |           |           |
| WIND AREA:         | 10 SF     | 20 SF     | 50 SF     | 100 SF    |           |
| POS. INTERIOR ZONE | +25.0 PSF | +23.9 PSF | +22.5 PSF | +21.3 PSF |           |
| POS. CORNER ZONE   | +25.0 PSF | +23.9 PSF | +22.5 PSF | +21.3 PSF |           |
| NEG. INTERIOR ZONE | -27.1 PSF | -26.0 PSF | -24.5 PSF | -23.4 PSF |           |
| NEG. CORNER ZONE   | -33.4 PSF | -31.2 PSF | -28.2 PSF | -26.0 PSF |           |



- PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD & AWAY FROM BUILDING SURFACES.
- COMPONENT AND CLADDING LOADS MAY BE INTERPOLATED BETWEEN THE WIND AREAS.
- SEE ABOVE NOTES FOR NET UPLIFT LOADS ON JOIST AND JOIST GIRDERS.
- (α) = 12°-5°; (α') = 5°-0° - SEE DIAGRAMS ABOVE.

EARTHQUAKE DESIGN DATA

|  |                      |
|--|----------------------|
| RISK CATEGORY .....                                    | II                   |
| SEISMIC IMPORTANCE FACTOR .....                        | Ie=1.0               |
| MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS ..... | Ss=0.105, S1=0.057   |
| SITE CLASS .....                                       | D(ASSUMED)           |
| DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS ..... | Sds=0.112, Sd1=0.091 |
| SEISMIC DESIGN CATEGORY .....                          | B                    |

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND THE FINAL CLEARANCE OF ANY TEMPORARY NEEDLING, UNDERPINNING, SHORING, OR BRACING OF EXISTING STRUCTURES.

7. CONSTRUCTION LOADS SHALL NOT EXCEED DESIGN LIVE LOADS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN REQUIRED TO SUPPORT CONSTRUCTION EQUIPMENT USED IN CONSTRUCTING THIS PROJECT. SHORING AND RESHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.

8. IF THE FABRICATOR HAS BEEN AUTHORIZED TO USE THE ENGINEER'S DRAWINGS FOR USE IN PREPARING SHOP OR ERECTION DRAWINGS THE FABRICATOR MUST REMOVE ALL TITLE BLOCKS, PROFESSIONAL SEALS, AND ANY OTHER REFERENCES TO THE ENGINEER FROM THAT SHOP OR ERECTION DRAWING. THE FABRICATOR'S NAME, TITLE, AND CONTACT INFORMATION SHALL BE PLACED ON THEIR DRAWINGS.

**CAST IN PLACE CONCRETE**

- CAST IN PLACE CONCRETE SHALL CONFORM TO THE LATEST ACI 318 & 350 CODE, STANDARDS AND ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE", EXCEPT AS MODIFIED HEREIN.
- SUBMIT LABORATORY TEST REPORTS FOR CONCRETE MATERIALS AND PROPOSED MIX DESIGN TESTS AND DATA.
- MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE IN 28 DAYS SHALL BE: 3000 PSI - COLUMN AND WALL SPREAD FOOTINGS; MINIMUM CEMENT CONTENT OF 470 LB/CUBIC YARD; WC .50 3500 PSI - INTERIOR SLAB; MINIMUM CEMENT CONTENT OF 517 LB/CUBIC YARD; WC .44 4000 PSI - ALL OTHER CONCRETE MINIMUM CEMENT CONTENT OF 564 LB/CUBIC YARD; WC .44
- REINFORCING BARS: A615 GRADE 60 KSI YIELD STRENGTH, UNLESS NOTED OTHERWISE. WELDING OR TACK WELDING A615 BARS SHALL NOT BE PERMITTED.
- REINFORCING BARS FOR WELDED APPLICATIONS SHALL CONFORM WITH A706, 60 KSI YIELD STRENGTH.
- WELDED WIRE FABRIC: ASTM A185, FLAT SHEET. ROLLED WWF SHALL NOT BE PERMITTED.
- CALCIUM CHLORIDE SHALL NOT BE PERMITTED NOR SHALL ANY ADMIXTURE CONTAINING CALCIUM CHLORIDE BE PERMITTED.
- ALL CONCRETE SHALL CONTAIN A WATER REDUCING ADMIXTURE CONFORMING TO ASTM C494, TYPE A, F OR G.
- ALL CONCRETE EXPOSED TO THE WEATHER OR IN A LOCATION VULNERABLE TO DEICERS SHALL CONTAIN AN AIR-ENTRAINED ADMIXTURE CONFORMING TO ASTM C260. THE AMOUNT OF ENTRAINED AIR SHALL BE 6% ± 1%.
- CONCRETE SHALL BE DISCHARGED AT THE SITE WITHIN 1 1/2 HOURS AFTER WATER HAS BEEN ADDED TO THE CEMENT AND AGGREGATES. ADDITION OF WATER TO THE MIX AT THE PROJECT SITE WILL NOT BE PERMITTED. ALL WATER MUST BE ADDED AT THE BATCH PLANT. SLUMP MAY BE ADJUSTED ONLY THROUGH THE USE OF ADDITIONAL WATER REDUCING ADMIXTURE OR HIGH RANGE WATER REDUCING ADMIXTURE.
- PRECAST CONCRETE CUBES OR SAND PLATE CHAIRS SHALL BE USED FOR THE SUPPORT OF REINFORCING ON GRADE. CONCRETE BLOCK OR CLAY MASONRY BRICK ARE NOT PERMITTED.
- CONSTRUCTION JOINTS SHALL BE SUBJECT TO REVIEW BY WHS ENGINEERING AND SHALL BE LOCATED AND DETAILED AS SPECIFIED ON THE DRAWINGS OR AS NOTED.
  - FRAMED SLABS AND WALLS - LOCATE AT MIDSPAN. PROVIDE ONE CONTINUOUS HORIZONTAL SHEAR KEY 1 1/2" DEEP x 1/3 THE DEPTH OF THE SLAB OR WALL
  - BEAMS - LOCATE AT MIDSPAN. PROVIDE TWO HORIZONTAL SHEAR KEYS 1 1/2" DEEP x 1/6 THE DEPTH OF THE MEMBER AT EACH MEMBER.
- ALL WELDED WIRE FABRIC SHALL BE CHAIRED TO ITS PROPER HEIGHT AND MAINTAINED AT THE PROPER HEIGHT THROUGHOUT THE CONCRETE PLACING OPERATION. LIFTING OF WELDED WIRE FABRIC WITH A HOOK DURING CONCRETE PLACEMENT SHALL NOT BE PERMITTED.
- OPENINGS SHALL NOT BE PROVIDED IN FRAMED SLABS, BEAMS, COLUMNS, OR WALLS UNLESS SHOWN ON THE STRUCTURAL DRAWINGS, OR APPROVED IN WRITING PRIOR TO PLACING CONCRETE. CUTTING HOLES THROUGH BEAMS OR COLUMNS SHALL NOT BE PERMITTED. CUTTING HOLES LARGER THAN 10" SQUARE OR ROUND THROUGH SLABS SHALL NOT BE PERMITTED.
- CHAMFER EXPOSED EDGES OF CONCRETE 3/4", UNLESS NOTED OTHERWISE.
- PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AS SHOWN ON DRAWINGS.
- TOP LAYER OF REINFORCING STEEL IN BEAMS, SLABS, WALLS AND FOOTINGS SHALL BE CONSIDERED TOP BARS REGARDLESS OF THICKNESS OF CONCRETE BELOW THE BARS.
- ALL WALL FOOTING REINFORCING SHALL RUN CONTINUOUS THROUGH COLUMN FOOTINGS.
- BEND ALL HORIZONTAL WALL AND BEAM BARS AROUND ADJACENT CORNERS AND LAP ACCORDING TO TABLE #1.
- BONDBREAKER MATERIAL SHALL BE 15 POUND FELT PAPER.
- DETERMINE SIZE AND LOCATION OF MECHANICAL EQUIPMENT AND MAKE PROVISIONS FOR BOLTS, SLEEVES, PADS, ETC., IN ACCORDANCE WITH THE MANUFACTURER'S CERTIFIED DRAWINGS. THIS WORK SHALL BE COORDINATED WITH THE TRADES INVOLVED PRIOR TO ANY CONCRETE PLACEMENT.
- PROVIDE 3" MINIMUM CONCRETE COVER FOR ALL STRUCTURAL STEEL BELOW GRADE.
- SLABS ON GRADE SHALL HAVE CONSTRUCTION OR CONTROL JOINTS AT ALL COLUMN LINES AND AT A MAXIMUM SPACING OF 36 TIMES THE SLAB THICKNESS BETWEEN.
- REINFORCING BAR LAP SPLICES AND ANCHORAGE LENGTH SHALL CONFORM WITH "MINIMUM LAP SPLICE AND ANCHORAGE DIMENSION TABLE #1" UNLESS NOTED OTHERWISE ON THE DRAWINGS.

| MINIMUM LAP SPLICE AND ANCHORAGE DIMENSION TABLE #1<br>Fy = GRADE 60, NON-COATED BARS |              |           |          |                |           |
|---|--------------|-----------|----------|----------------|-----------|
| 3000 PSI CONCRETE   |              |           |          |                |           |
| BAR SIZE  | TOP BARS LAP | ANCHORAGE | BAR SIZE | OTHER BARS LAP | ANCHORAGE |
| #3  | 21"          | 16"       | #3       | 16"            | 13"       |
| #4  | 29"          | 22"       | #4       | 22"            | 17"       |
| #5  | 42"          | 32"       | #5       | 33"            | 26"       |
| #6  | 56"          | 43"       | #6       | 43"            | 34"       |
| #7  | 91"          | 69"       | #7       | 70"            | 53"       |
| #8  | 112"         | 87"       | #8       | 87"            | 66"       |
| #9  | 136"         | 104"      | #9       | 104"           | 80"       |
| 4000 PSI CONCRETE   |              |           |          |                |           |
| BAR SIZE  | TOP BARS LAP | ANCHORAGE | BAR SIZE | OTHER BARS LAP | ANCHORAGE |
| #3  | 18"          | 14"       | #3       | 16"            | 12"       |
| #4  | 25"          | 19"       | #4       | 20"            | 15"       |
| #5  | 37"          | 29"       | #5       | 29"            | 21"       |
| #6  | 48"          | 38"       | #6       | 38"            | 29"       |
| #7  | 79"          | 60"       | #7       | 60"            | 47"       |
| #8  | 96"          | 75"       | #8       | 75"            | 57"       |
| #9  | 117"         | 91"       | #9       | 91"            | 69"       |

1. WHEN LAPPING TWO DIFFERENT SIZE BARS, USE THE LARGER OF THE LAP DIMENSION OF THE SMALLER BAR OR THE ANCHORAGE DIMENSION OF THE LARGER BAR.

|  |  |                                     |
|--|--|-------------------------------------|
| <b>LOCATION</b>  | <b>TYPICAL CONCRETETE REINFORCING CLEARANCE TABLE.</b> | <b>CLEARANCE</b>                    |
| CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND ..... |  | 3"                                  |
| CONCRETE EXPOSED TO LIQUIDS (TANKS) .....                          |  | 2"                                  |
| CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:             |  |                                     |
| #6 THROUGH #18 BARS .....  |  | 2"                                  |
| #3 THROUGH #5 BARS, W31 OR D31 WIRE AND SMALLER .....              |  | 1 1/2"                              |
| CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:         |  |                                     |
| SLABS, JOISTS, AND WALLS:  |  |                                     |
| #14 AND #18 BARS .....   |  | 1 1/2"                              |
| #11 BAR AND SMALLER .....  |  | 3/4"                                |
| BEAMS, COLUMNS, PEDESTALS, AND TENSION TIES .....                  |  | 1 1/2"                              |
| STRUCTURAL SLABS ON GRADE .....                                    |  | AS INDICATED ABOVE                  |
| NON-STRUCTURAL SLABS ON GRADE .....                                |  | 1/3 SLAB THICKNESS FROM TOP OF SLAB |

**MASONRY**

- MASONRY SHALL CONFORM TO THE LATEST EDITIONS OF THE REFERENCES AND STANDARDS LISTED BELOW, EXCEPT AS MODIFIED HEREIN, IN ADDITION TO ALL OTHER REQUIREMENTS OF THE CONTRACT DOCUMENTS AND STANDARD PRACTICES.
  - BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/TMS 402)
  - SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1/ASCE 6/TMS 602).
- HOLLOW AND SOLID CONCRETE MASONRY UNITS SHALL CONFORM WITH ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI, EACH UNIT, NET CROSS SECTIONAL AREA. THE UNITS SHALL BE MANUFACTURED SO THE CORES AND WEBS LINE UP WHEN LAID IN RUNNING BOND.
  - UNITS SHALL BE MEDIUM WEIGHT UNITS WITH A DRY NET WEIGHT OF NOT MORE THAN 115 PCF.
- MORTAR FOR ALL WALLS SHALL BE ASTM C270 TYPE S UNLESS NOTED OTHERWISE, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI IN 28 DAYS.
- GROUT SHALL CONFORM WITH ASTM C476 COARSE GROUT, 3/8" MAXIMUM SIZE COARSE AGGREGATE, WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
- MINIMUM MASONRY PRISM STRENGTH (F'm) = 1,500 PSI AT 28 DAYS.
- PROVIDE THE FOLLOWING WALL CONSTRUCTION AT ALL MASONRY WALLS UNLESS NOTED OTHERWISE.
  - MASONRY GROUTED SOLID, 32" LONG AND 16" HIGH UNLESS NOTED OTHERWISE, CENTERED UNDER EACH WALL BEARING STEEL BEAM.
  - ALL CORES WHICH CONTAIN VERTICAL REINFORCING SHALL BE GROUTED SOLID FULL HEIGHT OF WALL.
- CONVENTIONAL REINFORCING, HORIZONTAL AND VERTICAL, SHALL BE A615 GRADE 60 KSI YIELD STRENGTH. WELDING A615 BARS SHALL NOT BE PERMITTED.
- REINFORCING BARS FOR WELDED APPLICATIONS SHALL CONFORM WITH A706, 60 KSI YIELD STRENGTH.
- REFER TO ARCHITECTURAL DRAWINGS FOR MATERIAL REQUIREMENTS FOR FIRE RATED ASSEMBLIES.
- ADDITIONAL VERTICAL REINFORCEMENT, (1)-#5 AT EACH SIDE OF WALL OPENINGS, AT WALL ENDS (INCLUDING CONTROL JOINTS) , AND AT ALL CORNERS.
- PROVIDE DOWELS INTO WALL FOOTING TO MATCH VERTICAL BARS LISTED ABOVE.
- HORIZONTAL REINFORCEMENT- LADDER TYPE, HOT DIPPED GALVANIZED DUR-O-WAL 3/16" SIDE RODS AND #9 GAGE CROSS RODS, OR APPROVED EQUAL. ALL HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS AT CORNERS. STOP HORIZONTAL REINFORCEMENT AT CONTROL JOINTS AND EXPANSION JOINTS. SPACE 16" o.c. VERTICALLY ABOVE GRADE AND 8" o.c. VERTICALLY BELOW GRADE.
- ADDITIONAL HORIZONTAL REINFORCEMENT - (1)-#4 BAR AT FIRST COURSE ABOVE AND BELOW ALL WALL OPENINGS. BARS TO EXTEND MINIMUM 2'-0" PAST OPENING.
- GROUT MASONRY SOLID BELOW EXTERIOR GRADE
- SPLICING OF REINFORCEMENT:
  - LAP ALL VERTICAL WALL REINFORCING 72 BAR DIAMETERS.
  - LAP ALL LINTEL REINFORCING 72 BAR DIAMETERS.
  - LAP ALL BOND BEAM REINFORCING 48 BAR DIAMETERS.
  - ALTERNATE MECHANICAL SPLICES SHALL DEVELOP IN TENSION OR COMPRESSION AT LEAST 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR.
  - LAP ALL WIRE JOINT REINFORCING 48 WIRE DIAMETERS.
- ALL UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HEAD, BED, WEBS, AND COLLAR JOINTS.
- ALL TYPICAL VERTICAL WALL REINFORCEMENT SHALL BE LOCATED AT THE CENTER OF THE MASONRY WALL UNLESS NOTED OTHERWISE.
- WHERE TWO LAYERS OF VERTICAL WALL REINFORCEMENT ARE SHOWN PROVIDE 1 1/2" COVER FOR #5 BAR AND SMALLER AND 2" OF COVER FOR #6 BAR AND LARGER.
- ALL VERTICAL REINFORCEMENT SHALL BE PLACED AND HELD IN PLACE WITH BAR POSITIONERS AT A MAXIMUM SPACING OF 112 BAR DIAMETERS PRIOR TO GROUTING.
- WET STICKING OF REINFORCING IS NOT PERMITTED AND WILL RESULT IN REJECTION OF THE WORK.
- CONSOLIDATION OF GROUT:
  - CONSOLIDATE GROUT POURS 12" AND LESS IN HEIGHT BY PUDDLING OR MECHANICAL VIBRATION.
  - CONSOLIDATE GROUT POURS EXCEEDING 12" IN HEIGHT BY MECHANICAL VIBRATION, AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED.
  - CONSOLIDATION OR RECONSOLIDATION IS NOT REQUIRED FOR SELF-CONSOLIDATING GROUT.
- ALL BEAM, JOIST, OR OTHER POCKETS IN MASONRY WALLS SHALL BE FILLED SOLID WITH MORTARED IN SOLID CMU UNITS OR GROUTED SOLID.

**LIGHT GAUGE METAL FRAMING**

- ALL LIGHT GAGE METAL FRAMING AND CONNECTIONS SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH ALL APPLICABLE AISI STANDARDS.
- ALL STRUCTURAL MEMBERS SHALL BE FORMED FROM CORROSION RESISTANT STEEL, ASTM A653-11, WITH A YIELD STRENGTH OF 33 KSI FOR MEMBERS 18 GAGE AND LIGHTER, AND 50 KSI FOR MEMBERS 16 GAGE AND HEAVIER.
- ALL LIGHT GAGE MEMBERS AND ACCESSORIES SHALL BE ZINC COATED MEETING ASTM A924.
- ALL CONNECTIONS ARE TO BE SCREWED WITH A MINIMUM OF (4) #12-14 CADMIUM PLATED SCREWS OR EQUIVALENT WELDS.
- DIAGONAL STRAP BRACING SHALL BE CONNECTED TO ALL CROSSING MEMBERS.
- WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.3-2018, STRUCTURAL WELDING CODE, SHEET STEEL.
- SEQUENCING OF WELDS SHALL BE SUCH TO AVOID DISTORTION OF MEMBERS. REPLACE ALL MEMBERS WHICH ARE BURNED THROUGH OR DISTORTED DURING WELDING OPERATIONS.
- PROVIDE CLIP ANGLES OR OTHER ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
- CLEAN AND TOUCH UP ALL WELDS WITH ZINC RICH PRIMER.

**STRUCTURAL STEEL**

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF AISC SPECIFICATIONS (ASD) AND CODES OF STANDARD PRACTICE, AWS D1.1 (STRUCTURAL WELDING CODE - STEEL), AND THE CONTRACT DOCUMENTS.
- THE LOCATION, SIZE AND CONDITION OF EXISTING STRUCTURES, EQUIPMENT, UTILITIES, SERVICES AND OTHER RELEVANT ENGINEERING FEATURES SHALL BE VERIFIED PRIOR TO FABRICATION OR ERECTION TO DETERMINE CLEARANCES, DIMENSIONS AND FABRICATION OR ERECTION PROCEDURES. ADEQUATE BRACING AND TEMPORARY SUPPORTS FOR THE STABILITY OF ALL EXISTING RELEVANT FEATURES SHALL BE PROVIDED BY THE CONTRACTOR.
- STRUCTURAL STEEL:
  - ASTM A36; SHAPES (EXCEPT WIDE FLANGE), PLATES, BARS, AND ROD
- WELDING SHALL CONFORM WITH AWS E-70 ELECTRODES, MINIMUM.

**METAL ROOF DECK**

- ANY PATCHING OF ROOF DECK SHALL BE MADE WITH NEW DECK OF MATCHING PROFILE, GAUGE, AND FINISH. FASTEN TO SUPPORTS WITH #12 TEK SCREWS @ 6" O.C., FASTEN SIDELAPS WITH #10 TEK SCREWS @ 12" O.C.
- FASTEN DECK TO NEW MECHANICAL FRAMES WITH #12 TEK SCREWS @ 6" O.C.
- NO MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM THE METAL DECK.

**STEEL JOISTS**

- REPLACE ANY INTERRUPTED JOIST BRIDGING IN CONFORMANCE WITH THE CURRENT SPECIFICATIONS OF THE STEEL JOIST INSTITUTE (SJI), AND ALL OTHER REQUIREMENTS REFERENCED IN THE PROJECT DOCUMENTS.
- NO MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM BRIDGING.
- PROVIDE JOIST REINFORCING AT CONCENTRATED LOADS NOT LOCATED AT PANEL POINTS.

**SPECIAL INSPECTIONS**

SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF WORK IS APPROVED FOR OCCUPANCY.

**CAST-IN-PLACE CONCRETE**

MIX DESIGN REVIEW CONCRETE BATCH TICKETS AND VERIFY COMPLIANCE WITH APPROVED MIX DESIGN. VERIFY THAT WATER ADDED AT THE SITE DOES NOT EXCEED THAT ALLOWED BY THE MIX DESIGN. / CONTINUOUS

MATERIAL CERTIFICATION REVIEW CONCRETE MIX DESIGNS AND MATERIAL CERTIFICATION FOR CONFORMANCE WITH DRAWINGS AND SPECIFICATIONS. / PERIODIC

REINFORCEMENT INSTALLATION INSPECT SIZE, SPACING, COVER, POSITIONING AND GRADE OF REINFORCING STEEL. VERIFY THAT REINFORCING BARS ARE FREE OF FORM OIL OR OTHER DELETERIOUS MATERIALS. INSPECT BAR LAPS AND MECHANICAL SPLICES. VERIFY THAT BARS ARE ADEQUATELY TIED AND SUPPORTED ON CHAIRS OR BOLSTERS. / PERIODIC

WELDING OF REINFORCING VISUALLY INSPECT ALL REINFORCING STEEL WELDS. VERIFY WELDABILITY OF REINFORCING STEEL. INSPECT PREHEATING OF STEEL WHEN REQUIRED. / CONTINUOUS

ANCHOR RODS INSPECT SIZE, POSITIONING AND EMBEDMENT OF ANCHOR RODS. INSPECT CONCRETE PLACEMENT AND CONSOLIDATION AROUND ANCHORS. / CONTINUOUS

CONCRETE PLACEMENT INSPECT PLACEMENT OF CONCRETE. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED. / CONTINUOUS

SAMPLING AND TESTING TEST CONCRETE COMPRESSIVE STRENGTH (ASTM C31 & C39), SLUMP (ASTM C143), AIR-CONTENT OF CONCRETE(ASTM C231 OR C173) AND TEMPERATURE (ASTM C1064). / CONTINUOUS

CURING AND PROTECTION INSPECT CURING, COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES / PERIODIC

FORMWORK GEOMETRY VERIFY CORRECT DIMENSIONS, ELEVATION, AND ALIGNMENT OF FORMWORK. / PERIODIC

**MASONRY - REQUIRED INSPECTION LEVEL: B**

MATERIAL CERTIFICATION REVIEW MATERIAL SUBMITTALS FOR CONFORMANCE WITH DRAWINGS AND SPECIFICATIONS. / PERIODIC

MIXING OF MORTAR AND GROUT INSPECT PROPORTIONING, MIXING AND RETEMPERING OF MORTAR AND GROUT. PERIODIC

INSTALLATION OF MASONRY INSPECT SIZE, LAYOUT, BONDING AND PLACEMENT OF MASONRY UNITS. / PERIODIC

MORTAR JOINTS INSPECT CONSTRUCTION OF MORTAR JOINTS INCLUDING TOOLING AND FILLING OF HEAD JOINTS. / PERIODIC

REINFORCEMENT INSTALLATION INSPECT PLACEMENT, POSITIONING AND LAPPING OF REINFORCING STEEL. / PERIODIC  
INSPECT WELDING OF REINFORCING STEEL / CONTINUOUS

GROUTING OPERATIONS INSPECT PLACEMENT AND CONSOLIDATION OF GROUT. INSPECT MASONRY CLEAN-OUTS FOR HIGH-LIFT GROUTING. / CONTINUOUS.

WEATHER PROTECTION INSPECT COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES. VERIFY THAT WALL CAVITIES ARE PROTECTED AGAINST PRECIPITATION. / PERIODIC

EVALUATION OF MASONRY STRENGTH TEST COMPRESSIVE STRENGTH OF MORTAR AND GROUT CUBE SAMPLES (ASTM C780). / CONTINUOUS

ANCHORS AND TIES INSPECT SIZE, LOCATION, SPACING AND EMBEDMENT OF DOWELS, ANCHORS AND TIES. / PERIODIC

STRUCTURAL STEEL FABRICATOR CERTIFICATION / REVIEW SHOP FABRICATION AND QUALITY CONTROL PROCEDURES. / CONTINUOUS  
QUALITY CONTROL PROCEDURES

MATERIAL CERTIFICATION REVIEW CERTIFIED MILL TEST REPORTS AND IDENTIFICATION MARKINGS ON WIDE-FLANGE SHAPES, HIGH-STRENGTH BOLTS, NUTS AND WELDING ELECTRODES. / PERIODIC

BOLTING INSPECT INSTALLATION AND TIGHTENING OF HIGH-STRENGTH BOLTS. VERIFY PROPER TIGHTENING SEQUENCE. / PERIODIC

WELDING VISUALLY INSPECT ALL WELDS. INSPECT PRE-HEAT, POST-HEAT AND SURFACE PREPARATION BETWEEN PASSES. VERIFY SIZE AND LENGTH OF FILLET WELDS. / PERIODIC

STRUCTURAL DETAILS INSPECT STEEL FRAME FOR COMPLIANCE WITH STRUCTURAL DRAWINGS, INCLUDING BRACING, MEMBER CONFIGURATION AND CONNECTION DETAILS. / PERIODIC

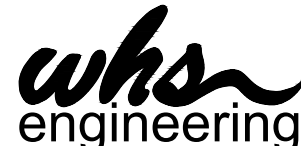
**STRUCTURAL SHOP DRAWINGS**

- IN ADDITION TO THE DEFERRED DESIGN SUBMITTALS INDICATED ABOVE, THE CONTRACTOR SHALL SUBMIT THE FOLLOWING ITEMS FOR REVIEW PRIOR TO CONSTRUCTION:
  - CONCRETE: REBAR SHOP DRAWINGS, MIX DESIGNS, MATERIAL CERTIFICATIONS, ACCESSORIES.
  - MASONRY: REBAR SHOP DRAWINGS, GROUT AND MORTAR MIX DESIGNS, MATERIAL CERTIFICATIONS, ACCESSORIES.
  - STRUCTURAL STEEL: ERECTION DRAWINGS, SHOP DRAWINGS, MATERIAL CERTIFICATES

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TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087



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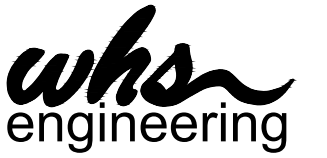
STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTIONS

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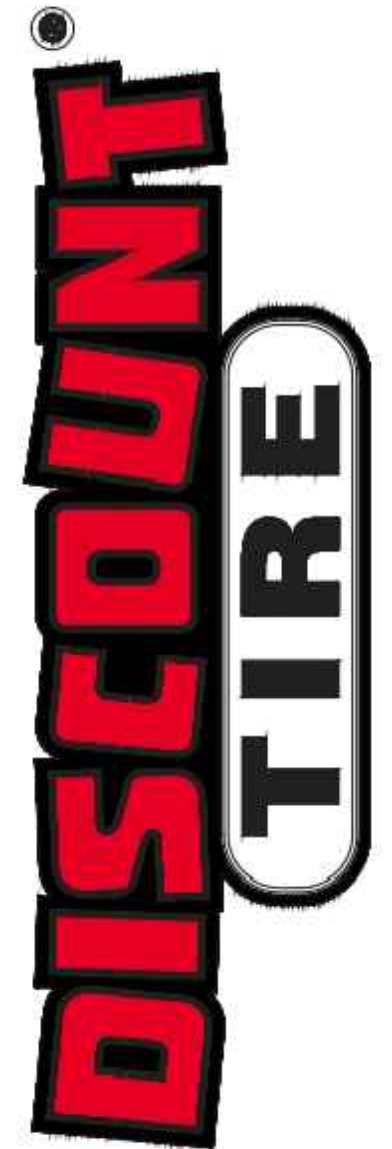
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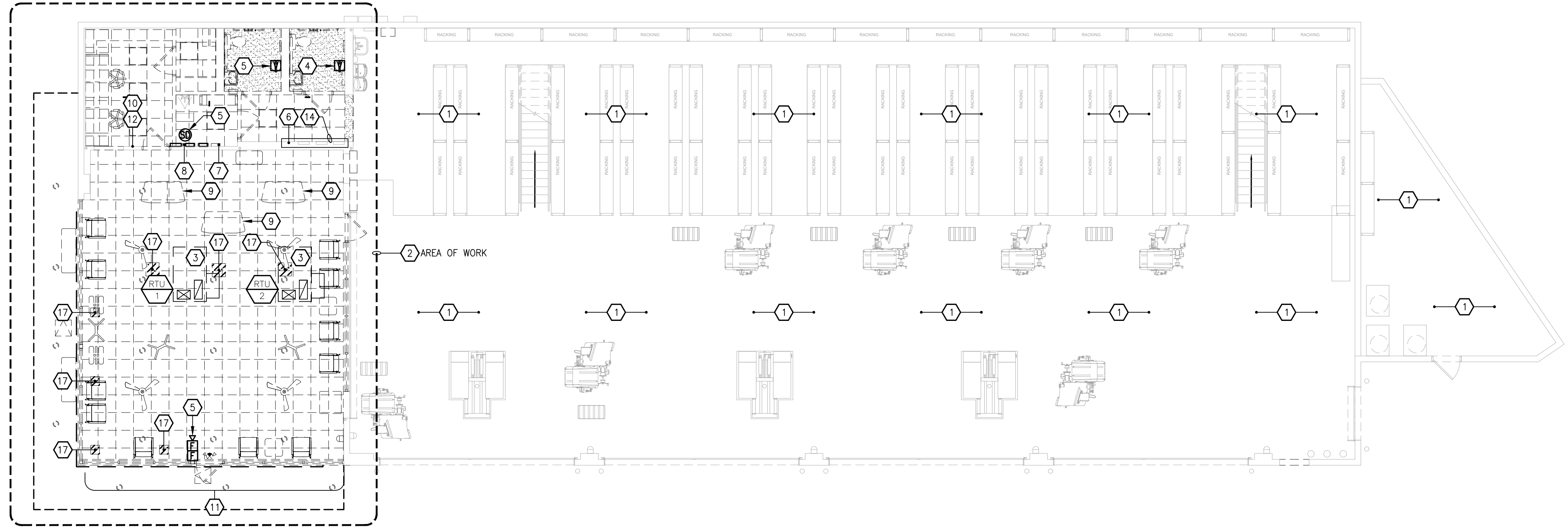
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SHEET NAME  
**ELECTRICAL DEMOLITION PLAN**

SHEET #  
**ED.1**



**01 ELECTRICAL DEMOLITION PLAN**  
1/8" = 1'-0"  
NORTH TRUE

**CODED NOTES**

- 1 NO WORK TO BE DONE IN THIS AREA UNLESS OTHERWISE NOTED.
- 2 EXISTING LIGHT FIXTURES AND CEILING FANS IN THIS AREA TO BE REMOVED.
- 3 EXISTING HVAC EQUIPMENT **TO REMAIN**.
- 4 EXISTING FIRE ALARM DEVICE TO REMAIN.
- 5 EXISTING FIRE ALARM DEVICE TO BE RELOCATED OR REINSTALLED. SEE E2.1 FOR MORE INFO.
- 6 APPROXIMATE LOCATION OF LIGHTING CONTACTORS **NEXT TO PANEL L2-2 TO REMAIN**.
- 7 EXISTING TELECOMMUNICATION BOARD **TO BE REWORKED AS REQUIRED PER REVISED LAYOUT. REFER TO SHEET E2.1 FOR MORE INFO.**
- 8 EXISTING FIRE ALARM CONTROL PANEL **TO BE REWORKED AS REQUIRED PER REVISED LAYOUT. REFER TO SHEET E2.1 FOR MORE INFO.**
- 9 EXISTING POS COUNTERS TO BE REPLACED WITH NEW. MAINTAIN UNDERGROUND BRANCH CIRCUITING FOR RE-USE. (TYPICAL)
- 10 EXISTING PHOTOCCELL OVERRIDE SWITCH AND SHOWROOM FAN CONTROLS **TO BE RELOCATED**.
- 11 EXISTING MOTORIZED SHADES TO BE REPLACED WITH NEW. MAINTAIN EXISTING CIRCUITING FOR REUSE.
- 12 MOTORIZED SHADE CONTROLS **TO BE RELOCATED** AND SALES SWITCHING BANK TO BE REMOVED.
- 13 NOT USED.
- 14 EXISTING ELECTRIC PANELS **TO REMAIN (TYPICAL)**.
- 15 NOT USED.
- 16 NOT USED.
- 17 CUT AND TRENCH FLOOR AS REQUIRED FOR NEW FLOOR BOX RECEPTACLES. REFER TO POWER PLAN (SHEET #E2.1) FOR ADDITIONAL INFORMATION.

**GENERAL DEMOLITION NOTES:**

- 1. THESE DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE TO BE USED AS A GUIDELINE ONLY FOR THE SCOPE OF DEMOLITION WORK. THE CONTRACTOR SHALL VISIT THE PROJECT SITE DURING THE BID PHASE TO VERIFY THE EXACT CONDITIONS AND SCOPE OF WORK REQUIRED FOR A COMPLETE AND INCLUSIVE DEMOLITION PACKAGE.
- 2. THE CONTRACTOR SHALL BE HELD TO HAVE EXAMINED THE PREMISES AND SITE SO AS TO COMPARE THEM WITH THE CONTRACT DOCUMENTS AND TO HAVE SATISFIED HIMSELF AS TO THE CONDITIONS OF THE PREMISES, THE SITE, ANY OBSTRUCTIONS, THE ACTUAL LEVELS, ACCESS PANELS, AND ALL OTHER EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD, SHALL CHECK LOCATION OF AND CONNECTION TO EXISTING FACILITIES, AND SHALL ASSUME ALL RESPONSIBILITY FOR SAME.
- 3. FOR ALL RENOVATION/REMODELING WORK, INCLUDING ALL AREAS OF NO OR MINIMAL WORK, EXISTING ELECTRICAL SERVICES SHALL BE MAINTAINED TO LUMINAIRES, EQUIPMENT, WIRING DEVICES, ETC. (POWER, LIGHTING, ETC.), THAT ARE REQUIRED TO BE MAINTAINED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THESE SERVICES, EQUIPMENT, WIRING DEVICES THAT ARE EXISTING TO REMAIN, WHETHER OR NOT INDICATED ON THE PLANS.
- 4. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, WIRING DEVICES, TELECOM DEVICES, BLANK COVER PLATES, ETC. LOCATED IN WALLS/PARTITIONS LABELED AS "TO BE REMOVED". REMOVE ALL EXISTING BRANCH CIRCUITING (CONDUCTORS AND CONDUIT) BACK TO LAST ACTIVE DEVICE (OR SOURCE IF NO ACTIVE DEVICES REMAIN).
- 5. ALL ELECTRICAL LUMINAIRES, EQUIPMENT, WIRING DEVICES, TELECOMMUNICATIONS VOICE/DATA CABLING, ETC. SHALL BE REMOVED COMPLETE, BACK TO SOURCE, (PANELBOARD, TERMINAL BOARDS, ETC.), INCLUDING ALL BRANCH CIRCUITING, (CONDUCTORS AND CONDUIT), FEEDERS, SUPPORTS, JUNCTION BOXES, PULL BOXES, ETC.
- 6. MAINTAIN OR PROVIDE TEMPORARY ELECTRICAL SERVICES, SUCH AS LIGHTING AND POWER IN ALL AREAS OF DEMOLITION AND SURROUNDING AREAS NOT IN DEMOLITION.
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL, MECHANICAL HVAC, AND PLUMBING DEMOLITION DRAWINGS FOR ALL EQUIPMENT BEING DEMOLISHED, AND SHALL DISCONNECT AND REMOVE COMPLETE THE ELECTRICAL SERVICES TO ALL EQUIPMENT AND WIRING DEVICES.
- 8. EQUIPMENT AND WIRING DEVICES INDICATED AS "XR", (EXISTING TO BE RELOCATED), SHALL BE STORED FOR RE-USE AS INDICATED "XN", (NEW LOCATION OF EXISTING RELOCATED DEVICE), ON NEW PLAN DRAWINGS. DEVICES SHALL BE CLEANED, LUMINAIRES RE-LAMPED PER SPECIFICATIONS, AND BALLAST REPLACED WHERE FOUND TO BE INOPERABLE.
- 9. ANY CIRCUITS FEEDING THROUGH EQUIPMENT OR DEVICES THAT ARE BEING DEMOLISHED, REWORKED, OR RELOCATED, AND FEEDING OTHER EQUIPMENT/DEVICES THAT REMAIN ARE TO BE MAINTAINED.
- 10. ALL CUTTING AND PATCHING OF WALLS, CEILINGS, OR FLOORS THAT ARE DISTURBED BY DEMOLITION SHALL BE RETURNED TO THEIR ORIGINAL CONDITION. REFER TO THE ARCHITECTURAL DOCUMENTS FOR EXACT SPECIFICATION REQUIREMENTS. PATCH FLOOR TO ORIGINAL CONSTRUCTION SPECIFICATIONS AND U.L. FIRE RATING LISTINGS FOR ALL FLOOR MOUNTED DEVICES SUCH AS FLOOR BOXES, ETC. WHICH HAVE BEEN REMOVED.
- 11. ALL EQUIPMENT AND/OR DEVICES THAT ARE REMOVED AND NOT RE-USED SHALL BE TURNED OVER TO THE TENANT AND/OR BUILDING MANAGEMENT OR DISPOSED OF PER THEIR DIRECTION.
- 12. ALL MATERIAL TO BE DISPOSED SHALL BE DONE UNDER STRICT ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.
- 13. ALL WORK SHOWN LIGHT IS EXISTING TO REMAIN.
- 14. ALL WORK SHOWN DARK OR DARK/DASHED SHALL BE DISCONNECTED AND REMOVED IN ITS ENTIRETY, UNLESS OTHERWISE NOTED.



2.3 JUNCTION BOXES AND PULL BOXES

- A. PROVIDE CODE GAUGE GALVANIZED STEEL JUNCTION AND PULL BOXES FOR CONDUIT 1-1/4" TRADE SIZE AND LARGER, WHERE NECESSARY TO FACILITATE INSTALLATION, OF REQUIRED DIMENSIONS, WITH ACCESSIBLE, REMOVABLE SCREW-ON COVERS. PROVIDE JUNCTION AND PULL BOXES IN SPECIAL SIZES AND SHAPES DETERMINED IN FIELD WHERE NECESSARY.
- B. JUNCTION BOX COVERS SHALL BE ACCESSIBLE. DO NOT INSTALL JUNCTION BOXES ABOVE SUSPENDED CEILINGS EXCEPT WHERE CEILING IS REMOVABLE OR WHERE ACCESS PANEL IS PROVIDED.
- C. PULL BOXES SHALL BE SUPPORTED ADEQUATELY TO MAINTAIN SHAPE. LARGER BOXES SHALL HAVE STRUCTURAL STEEL BRACING WELDED INTO RIGID ASSEMBLY FORMED ADEQUATELY TO MAINTAIN ALIGNMENT IN SHIPMENT AND INSTALLATION. SECURE COVERS WITH CORROSION-RESISTANT SCREWS.

- 1. PULL BOXES EXPOSED TO RAIN OR IN WET LOCATIONS SHALL BE WEATHERPROOF.
- 2. PROVIDE CLAMPS, GRIDS AND OTHER APPURTENANCES TO SECURE CABLES WITHIN PULL BOX. NO CABLE SHALL BE UNSUPPORTED FOR MORE THAN 30".
- 3. PULL BOXES CONNECTED TO CONCEALED CONDUITS SHALL BE MOUNTED WITH COVERS FLUSH WITH FINISHED WALL OR CEILING.

2.4 CONDUCTORS AND CABLE

- A. CONDUCTORS SHALL BE NEW, 600V, 90C, TYPE XHHW, THHN, OR THWN INSULATION, COPPER, OF SIZES SPECIFIED AND SCHEDULED ON DRAWINGS, FOR SECONDARY SERVICE, FEEDERS, BRANCH CIRCUITS.
- B. METAL CLAD CABLE SHALL BE 600 V COPPER WITH FULL-SIZED INSULATED GROUND CONDUCTOR. MINIMUM SIZE SHALL BE 12-AWG UNLESS SPECIFIED OTHERWISE.
- C. CONDUIT SHALL BE SIZED TO COMPLY WITH N.E.C. FOR NUMBER AND SIZE OF CONDUCTORS INSTALLED. PROVIDE SCHEDULE 40 PVC PLASTIC OR RIGID STEEL CONDUIT BELOW SLAB OR MINIMUM 3/4" BELOW EXTERIOR GRADE AND MINIMUM 3/4" SIZE. PROVIDE ELECTRICAL METAL TUBING (EMT) MEETING U.L. 797 AND ANSI C80.3, MC CABLE, OR FLEXIBLE METAL CONDUIT (IN LENGTHS 6' OR LESS) FOR INTERIOR LOCATIONS. EMT CONNECTORS AND COUPLING SHALL BE SET-SCREW TYPE. PROVIDE GALVANIZED RIGID STEEL (GRS) OR INTERMEDIATE METAL CONDUIT (IMC) OUTDOORS AND IN DAMP LOCATIONS USING THREADED COUPLINGS & CONNECTORS. CLAMP CONDUIT TO BOXES WITH BUSHING INSIDE AND LOCKNUT OUTSIDE. ("AC" TYPE CABLE NOT APPROVED FOR THIS INSTALLATION. "MC" TYPE CABLE IS ONLY ALLOWED ON LAST 6' OF THE ELECTRICAL CONNECTION TO LIGHT FIXTURES.)
- D. CONDUCTORS 10-AWG AND LARGER SHALL BE STRANDED; 12-AWG AND SMALLER SHALL BE SOLID.
- E. MOTOR CONTROL CIRCUITS AND SIGNAL WIRING MAY BE 14-AWG IF NEC REQUIREMENTS ARE MET. BRANCH CIRCUITS LONGER THAN 75' FOR 120 V AND 175' FOR 277 V SHALL BE AT LEAST 10-AWG FROM PANEL TO LAST OUTLET.
- F. WIRING WITHIN LUMINAIRES AND OTHER HIGH-TEMPERATURE EQUIPMENT SHALL HAVE 150°C INSULATION AS REQUIRED BY NEC.
- G. MAKE SPLICES IN BRANCH CIRCUIT WIRING WITH UL-LISTED, SOLDERLESS CONNECTORS RATED 600 V, OF SIZES AND TYPES REQUIRED BY MANUFACTURER'S RECOMMENDATIONS WITH TEMPERATURE RATINGS EQUAL TO THOSE OF WIRES. SPLICE CONNECTORS SHALL BE SCREW-ON. INSULATE SPLICES WITH INTEGRAL COVERS OR WITH PLASTIC OR RUBBER FRICTION TAPE TO PRESERVE CHARACTERISTICS OF WIRE AND CABLE INSULATION.
- H. MAKE TERMINATIONS AND SPLICES FOR CONDUCTORS 6-AWG AND LARGER WITH CORROSION-RESISTANT, HIGH-CONDUCTIVITY PRESSURE INDENT, HEX SCREW OR BOLT-CLAMP CONNECTORS, WITH OR WITHOUT TONGUES, DESIGNED SPECIFICALLY FOR INTENDED SERVICE. CONNECTORS FOR CABLES 250 KCMIL AND LARGER SHALL HAVE TWO CLAMPING ELEMENTS OR COMPRESSION INDENTS. TERMINALS FOR BUS CONNECTIONS SHALL HAVE TWO BOLT HOLES.
- I. AMPACITY OF SPLICES AND CONNECTORS SHALL BE EQUAL TO THOSE OF ASSOCIATED WIRES AND CABLES.

2.5 COLOR CODING

- A. COLOR CODE SECONDARY SERVICE, FEEDERS AND BRANCH CIRCUIT CONDUCTORS AS FOLLOWS:
 

|                |                        |
|----------------|------------------------|
| 20BY/120 VOLT: |                        |
| PHASE A:       | BLACK                  |
| PHASE B:       | RED                    |
| PHASE C:       | BLUE                   |
| NEUTRAL:       | WHITE                  |
| GREEN:         | GREEN                  |
| ISO GROUND:    | GREEN W/ YELLOW STRIPE |
- B. BRANCH CIRCUIT CONDUCTORS 12-AWG AND 10-AWG SHALL HAVE SOLID COLOR COMPOUND, SOLID COLOR COATING. NEUTRALS AND EQUIPMENT GROUNDS SHALL HAVE SOLID COMPOUND OR SOLID COLOR COATING (WHITE, GRAY AND GREEN).
- C. ACCEPTABLE MANUFACTURER FOR WIRE AND CABLE SHALL BE AS FOLLOWS:
  - AMERICAN INSULATED WIRE CORP.; A LEVITON COMPANY
  - SENATOR WIRE & CABLE COMPANY
  - SOUTHWIRE COMPANY

2.6 WIRE PULLING EQUIPMENT

- A. PROVIDE POLYETHYLENE ROPES FOR PULLING WIRE.
- B. PROVIDE FISH WIRES IN TELEPHONE CONDUITS AND OTHER EMPTY CONDUIT SYSTEMS REQUIRED, WITHOUT SPLICES AND WITH AMPLE EXPOSED LENGTHS AT EACH END.
- C. PROVIDE WIRE PULLING LUBRICANTS THAT MEET APPLICABLE UL REQUIREMENTS AS NECESSARY.

2.7 WIRING DEVICES

RECEPTACLES

- A. CONVENIENCE RECEPTACLES
 

STRAIGHT BLADE CONVENIENCE RECEPTACLE DEVICES SHALL BE EXTRA HEAVY DUTY INDUSTRIAL SPECIFICATION GRADE AND SHALL AT A MINIMUM INCORPORATE THE FOLLOWING FEATURES AND BENEFITS. COLOR BY ARCHITECT.

  - RECEPTACLES, 20 A, 125V, 2-POLE, 3-WIRE, GROUNDING TYPE WITH SELF GROUNDING FEATURE: COMPLY WITH NEMA WD 1, NEMA WD 6 CONFIGURATION 5-20R, AND UL 498.
- GFCI RECEPTACLES:
 

STRAIGHT BLADE GFCI TYPE RECEPTACLE DEVICES SHALL BE, NON-FEED-THROUGH TYPE, COMPLY WITH NEMA WD 1, NEMA WD 6, UL 498, AND UL 943, CLASS A, GROUP 1 SOLID STATE SENSING AND SIGNALING WITH FIVE (5) MILLI-AMPERE FAULT TRIP LEVEL AND INCLUDE INDICATOR LIGHT THAT IS LIGHTED WHEN DEVICE IS TRIPPED.

  - DUPLEX GFCI RECEPTACLES, 20 A, 125V, 2-POLE, 3-WIRE, GROUNDING TYPE WITH SELF GROUNDING FEATURE.

- A. CONVENIENCE RECEPTACLES
 

STRAIGHT BLADE GFCI TYPE RECEPTACLE DEVICES SHALL BE, NON-FEED-THROUGH TYPE, COMPLY WITH NEMA WD 1, NEMA WD 6, UL 498, AND UL 943, CLASS A, GROUP 1 SOLID STATE SENSING AND SIGNALING WITH FIVE (5) MILLI-AMPERE FAULT TRIP LEVEL AND INCLUDE INDICATOR LIGHT THAT IS LIGHTED WHEN DEVICE IS TRIPPED.

  - DUPLEX GFCI RECEPTACLES, 20 A, 125V, 2-POLE, 3-WIRE, GROUNDING TYPE WITH SELF GROUNDING FEATURE.

SWITCHES

- A. AC TOGGLE SWITCHES
 

AC TOGGLE SWITCHES SHALL BE EXTRA HEAVY DUTY INDUSTRIAL (COMMERCIAL) SPECIFICATION GRADE QUIET TYPE, AND SHALL AT A MINIMUM INCORPORATE THE FOLLOWING FEATURES AND BENEFITS AND COMPLY WITH NEMA WD1 AND U.L. 20

| ACCEPTABLE MANUFACTURERS/DEVICE RECEPTACLES AND SWITCHES: | NUMBERS | FOR    |
|---|---------|--------|
| RECEPTACLES – INDUSTRIAL SPECIFICATION GRADE              | HUBBELL | COOPER |
| CONVENIENCE HBL5362                                       | 5362    |        |
| GFCI  | GFR5362 | GF20   |
- AC SWITCHES 201, 120/277 VAC
 

| AC SWITCHES – INDUSTRIAL SPECIFICATION GRADE TOGGLE TYPE | HUBBELL | COOPER | LEVITON |
|--|---------|--------|---------|
| SINGLE POLE HBL1201                                      | 2221    |        | 1221-2  |
| THREE-WAY HBL1203  | 2223    |        | 1223-2  |
| FOUR-WAY HBL1204   | 2224    |        | 1224-2  |

ACCEPTABLE MANUFACTURERS/DEVICE RECEPTACLES AND SWITCHES:

| RECEPTACLES – INDUSTRIAL SPECIFICATION GRADE | HUBBELL | COOPER | LEVITON |
|--|---------|--------|---------|
| CONVENIENCE HBL5362                          | 5362    |        | 1221-2  |
| GFCI   | GFR5362 | GF20   | 1223-2  |
|  |         |        | 1224-2  |

OCCUPANCY/VACANCY SENSORS

- A. WALL-SWITCH SENSORS DESCRIPTION: MULTI-TECHNOLOGY (ULTRA SONIC AND INFRARED) ADAPTIVE TECHNOLOGY TYPE, 120/277 V, ADJUSTABLE TIME DELAY UP TO 30 MINUTES, 180-DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 1200 SQ. FT. AND INTEGRAL BLINDERS.
- B. CEILING MOUNTED SENSORS DESCRIPTION: MULTI-TECHNOLOGY (ULTRA SONIC AND INFRARED), ADJUSTABLE TIME DELAY UP TO 30 MINUTES, 360-DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 2000 SQ. FT.
- C. ADJUSTMENTS
  - ADJUST WALL MOUNTED SENSORS "TIME-OUT" SETTING TO "A" AUTO
  - ADJUST WALL MOUNTED SENSORS HORIZONTAL FILED BLINDERS AS REQUIRED TO PREVENT FALSE TRIPPING.
  - ADJUST ALL SENSORS AMBIENT LIGHT LEVELS TO THEIR MAXIMUM LIGHT LEVEL SETTING.
  - ALL SETTINGS AND ADJUSTMENTS SHALL BE PER MANUFACTURES INSTALLATION DOCUMENTATION.

INSTALLATION

- A. WIRING DEVICES AND WALL PLATES
  - SINGLE AND COMBINATION TYPES TO MATCH CORRESPONDING WIRING DEVICES.
    - SMOOTH HIGH-IMPACT THERMOPLASTIC MATERIAL FOR FINISHED SPACES;
    - GALVANIZED STEEL MATERIAL FOR UNFINISHED SPACES;
    - VOICE/DATA JACKS SHALL UTILIZE THE SAME TYPE OF PLATE USED FOR RECEPTACLES
    - DEVICES PLATES SHALL BE BY THE SAME MANUFACTURER AS THE WIRING DEVICE.
    - DEVICE/PLATE COLOR SELECTED BY ARCHITECT.
- B. RECEPTACLE ORIENTATION:
  - INSTALL GROUND PIN OF VERTICALLY MOUNTED RECEPTACLES UP AND ON HORIZONTALLY MOUNTED RECEPTACLES TO THE RIGHT.
- C. DO NOT USE OVERSIZED OR EXTRA-DEEP PLATES. REPAIR WALL FINISHES AND REMOUNT OUTLET BOXES WHEN STANDARD DEVICE PLATES DO NOT FIT FLUSH OR DO NOT COVER ROUGH WALL OPENING.
- D. ARRANGEMENT OF DEVICES: UNLESS OTHERWISE INDICATED, MOUNT FLUSH, WITH LONG DIMENSION VERTICAL GROUP ADJACENT SWITCHES UNDER A SINGLE, MULTI-GANG WALL PLATE.

2.8 WIRING DEVICE PLATES

- A. PROVIDE TYPE AND COLOR AS DIRECTED BY ARCHITECT.
- B. VOICE/DATA OUTLET PLATES SHALL BE SAME AS USED FOR RECEPTACLES.
- C. DEVICE PLATES SHALL BE BY MANUFACTURER OF WIRING DEVICES.
- D. OUTLETS SHALL BE FLUSH TO SURFACE.

2.9 LUMINAIRES

- A. PROVIDE LUMINAIRES, EQUIPMENT, AND COMPONENTS WHERE SHOWN ON DRAWINGS, AS LISTED IN LUMINAIRE SCHEDULE, AND AS SPECIFIED, WIRED AND ASSEMBLED. PROVIDE APPROVED ALIGNERS, CANOPIES, HANGERS AND OTHER APPURTENANCES AS REQUIRED FOR A COMPLETE SYSTEM PER MANUFACTURER'S INSTRUCTIONS AND N.E.C. REQUIREMENTS.
- B. REFER TO LUMINAIRE SCHEDULE FOR SPECIFIC LAMP AND BALLAST TYPE AND MANUFACTURER REQUIREMENTS.

- C. PROVIDE POLYESTER COVERS TO PROTECT FLUORESCENT LUMINAIRES WITH LOUVERS, BASKETS, OR LENSES DURING CONSTRUCTION.
- 2.10 FUSIBLE SWITCHES
  - A. MANUFACTURERS
    - CUTLER HAMMER
    - ABB/GE
  - B. QUICK-MAKE/QUICK-BREAK FUSIBLE SWITCHES
    - PROTECTIVE DEVICES SHALL BE QUICK-MAKE/QUICK-BREAK FUSIBLE SWITCHES AS MANUFACTURED BY CUTLER HAMMER TYPE FDP. FUSIBLE SWITCHES 30 AMPERES THROUGH 600 AMPERES, FRAMES SHALL BE FURNISHED WITH REJECTION CLASS "T" OR "J" TYPE FUSE CLIPS UNLESS OTHERWISE SCHEDULED. FUSIBLE SWITCHES 800 AMPERES THROUGH 1200 AMPERES SHALL BE FURNISHED WITH CLASS "L" FUSE CLIPS. SWITCHES SHALL INCORPORATE SAFETY COVER INTERLOCKS TO PREVENT OPENING THE COVER WITH THE SWITCH IN THE "ON" POSITION OR PREVENT PLACING THE SWITCH IN THE "ON" POSITION WITH THE COVER OPEN. PROVIDE DEFEATER FOR AUTHORIZED PERSONNEL ANDLES SHALL HAVE PROVISIONS FOR PADLOCKING AND SHALL CLEARLY INDICATE THE "ON" OR "OFF" POSITION. FRONT COVER DOORS SHALL BE PADLOCKABLE IN THE CLOSED POSITION.
  - C. WARNING LABEL
    - PROVIDE ARC-FLASH HAZARD WARNING LABEL FOR EACH SWITCH PER NATIONAL ELECTRIC CODE (N.E.C.) ARTICLE 110.16.

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  - C. WARNING LABEL
    - PROVIDE ARC-FLASH HAZARD WARNING LABEL FOR EACH SWITCH PER NATIONAL ELECTRIC CODE (N.E.C.) ARTICLE 110.16.

3.1 TESTING, INSPECTION, AND CLEANING

- A. TEST WIRING AND CONNECTIONS FOR CONTINUITY AND GROUNDS BEFORE EQUIPMENT IS CONNECTED; DEMONSTRATE INSULATION RESISTANCE BY MEGGER TEST AS REQUIRED. INSULATION RESISTANCE BETWEEN CONDUCTORS AND GROUNDS FOR SECONDARY DISTRIBUTIONS SYSTEMS SHALL MEET NEC REQUIREMENTS.
- B. VERIFY AND CORRECT AS NECESSARY: VOLTAGES, TAP SETTINGS, TRIP SETTINGS AND PHASING ON EQUIPMENT FROM SECONDARY DISTRIBUTION SYSTEM TO POINTS OF USE. TEST SECONDARY VOLTAGES AT BUS IN MAIN SWITCHBOARD, AT PANELBOARDS, AND AT OTHER LOCATIONS ON DISTRIBUTION SYSTEMS AS NECESSARY. TEST SECONDARY VOLTAGES UNDER NO-LOAD AND FULL-LOAD CONDITIONS.
- C. TEST LUMINAIRES WITH SPECIFIED LAMPS IN PLACE FOR 10 HOURS. DO NOT OPERATE LAMPS OTHER THAN FOR TESTING BEFORE FINAL INSPECTION BY ARCHITECT. REPLACE LAMPS THAT FAIL WITHIN 90 DAYS AFTER ACCEPTANCE BY ARCHITECT.
- D. PROVIDE NECESSARY TESTING EQUIPMENT AND TESTING.
- E. FAILURE OR DEFECTS IN WORKMANSHIP OR MATERIALS REVEALED BY TESTS OR INSPECTION SHALL BE CORRECTED PROMPTLY AND RETESTED. REPLACE DEFECTIVE MATERIAL.
- F. CLEAN PANELS AND OTHER EQUIPMENT. PANELBOARD INTERIORS SHALL BE CLEANED AND VACUUMED. EQUIPMENT WITH DAMAGE TO PAINTED FINISH SHALL BE REPAIRED TO ARCHITECT'S SATISFACTION.

3.2 NAMEPLATES

- A. PROVIDE NAMEPLATES ON SWITCHBOARDS, PANELBOARDS, JUNCTION BOXES AND CABINETS, AND FOR SPECIAL PURPOSE SWITCHES, MOTOR DISCONNECT SWITCHES, REMOTE CONTROL STATIONS, STARTERS OR OTHER CONTROLS FURNISHED OR INSTALLED UNDER THIS SECTION. NAMEPLATES SHALL DESIGNATE EQUIPMENT CONTROLLED AND FUNCTION.

3.3 ACCESS AND ACCESS PANELS

- A. PROVIDE PROPER ACCESS TO MATERIAL OR EQUIPMENT THAT REQUIRE INSPECTION, REPLACEMENT, REPAIR OR SERVICE AND COORDINATE THEIR DELIVERY WITH THE INSTALLING TRADE. IF PROPER ACCESS CANNOT BE PROVIDED, CONFER WITH ARCHITECT AS TO BEST METHOD OF APPROACH TO MINIMIZE EFFECTS OF REDUCED ACCESS.
- B. ACCESS PANELS SHALL HAVE SAME FIRE RATING CLASSIFICATION AS SURFACE PENETRATED.
- C. PANELS SHALL BE AT LEAST 12" X 12"; ACCESS PANELS AT EQUIPMENT SHALL BE 18" X 18".

3.4 WIRING METHODS

- A. ALL RACEWAYS, CABLE ASSEMBLIES, BOXES, CABINETS, FITTINGS, ETC. SHALL BE SECURED AND SUPPORTED IN ALL ASSEMBLIES AS REQUIRED PER N.E.C. ARTICLE 300.11.
- B. INSTALL WIRE AND CABLE AS SPECIFIED AND AS APPROVED BY AUTHORITIES HAVING JURISDICTION. ALL CONDUITS OR RACEWAYS SHALL BE CONCEALED WHERE POSSIBLE, EXCEPT FOR UNFINISHED AREAS, SUCH AS EQUIPMENT ROOMS. PROVIDE STAND-OFF CLIPS WHERE CONDUITS ARE INSTALLED ON MASONRY WALLS.
- C. RUN CONCEALED CONDUIT IN AS DIRECT LINES AS POSSIBLE WITH MINIMUM NUMBER OF BENDS OF LONGEST POSSIBLE RADIUS. RUN CONDUIT PARALLEL TO OR AT RIGHT ANGLES TO BUILDING LINES TIGHT TO BUILDING STRUCTURE.
- D. CONDUIT RUNS SHALL BE MECHANICALLY AND ELECTRICALLY CONTINUOUS FROM SERVICE ENTRANCE TO OUTLETS. CONDUIT SHALL ENTER AND BE SECURED TO CABINET, JUNCTION BOX, PULL BOX OR OUTLET BOX WITH LOCKNUT OUTSIDE AND BUSHING INSIDE.
- E. ALL RACEWAY SHALL BE 3/4" TRADE SIZE MINIMUM, AS

INDICATED ON THE DRAWINGS OR AS REQUIRED BY THE NEC AND SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR. PROVIDE INSERTS, HANGERS, ANCHORS AND STEEL SUPPORTS AS NECESSARY.

- F. INSTALL CONDUIT SYSTEMS COMPLETE BEFORE DRAWING IN CONDUCTORS. BLOW THROUGH AND SWAB AFTER PLASTER IS FINISHED AND DRY, AND BEFORE CONDUCTORS ARE INSTALLED.

- G. WIRE FROM POINT OF SERVICE CONNECTION TO RECEPTACLES, LUMINAIRES, DEVICES, EQUIPMENT, AND OTHER ELECTRICAL APPARATUS AS SHOWN ON DRAWINGS. PROVIDE SLACK WIRE FOR CONNECTIONS.

- H. CONDUCTORS 10-AWG AND SMALLER IN BRANCH CIRCUIT PANELBOARDS, SIGNAL CABINETS, SIGNAL CONTROL BOARDS, SWITCHBOARDS AND MOTOR CONTROL CENTERS SHALL BE BUNDLED. CONDUCTORS LARGER THAN 10-AWG IN SWITCHBOARDS, MOTOR CONTROL CENTERS, AND PULL BOXES SHALL BE CABLED IN INDIVIDUAL CIRCUITS.

- I. FOLLOW HOMERUN CIRCUIT NUMBERS SHOWN ON DRAWINGS TO CONNECT CIRCUITS TO PANELBOARDS. CONNECT EACH BRANCH CIRCUIT HOMERUN WITH TWO OR MORE CIRCUITS AND COMMON NEUTRAL TO CIRCUIT BREAKER OR SWITCH IN THREE-WIRE OR FOUR-WIRE BRANCH CIRCUIT PANELBOARD SO THAT NO TWO CIRCUITS ARE FED FROM SAME BUS. WHERE PANELBOARD CABINETS ARE RECESSED, PROVIDE CONDUITS WITH SUFFICIENT CAPACITY FOR FUTURE CONDUCTORS FOR SPARE BRANCH CIRCUIT PROTECTIVE DEVICES AND SPACES IN PANELBOARD; STUB UP CONCEALED TO JUNCTION BOX. PROVIDE EXTENSIONS ABOVE CEILING.

- J. ELECTRICAL METALLIC TUBING (EMT) MAY BE USED FOR INTERIOR APPLICATIONS ABOVE GRADE, WHERE PERMITTED BY CODES, FOR LUMINAIRE AND RECEPTACLE CIRCUITS, TELEPHONE, INTER-COMMUNICATIONS, SIGNAL AND INSTRUMENTATION CIRCUITS, AND FOR CONTROL CIRCUITS. EMT MAY BE USED ABOVE HUNG CEILINGS, IN EQUIPMENT ROOMS, IN MECHANICAL AND ELECTRICAL CHASES AND CLOSETS, IN EXPOSED LOCATIONS ALONG CEILINGS OR WALLS ABOVE NORMAL TRAFFIC LEVEL AND WHERE NOT SUBJECT TO ACCIDENTAL DAMAGE OR ABUSE.

- K. INSTALL CONNECTORS AND COUPLINGS AS RECOMMENDED BY MANUFACTURERS. COMPRESSION FITTINGS SHALL BE USED IN AREAS SUBJECT TO MOISTURE.

- L. MC CABLES, PER DISCOUNT TIRE REQUIREMENT, ALL METAL CLAD (MC) CABLE AND CONDUIT SHALL COMPLY WITH THE FOLLOWING: CONDUIT SHALL BE SIZED TO COMPLY WITH N.E.C. FOR NUMBER AND SIZE OF CONDUCTORS INSTALLED. PROVIDE SCHEDULE 40 PVC PLASTIC OR RIGID STEEL CONDUIT BELOW SLAB OR MINIMUM 24" BELOW EXTERIOR GRADE AND MINIMUM 3/4" SIZE. PROVIDE ELECTRICAL METAL TUBING (EMT) MEETING U.L. 797 AND ANSI C80.3, MC CABLE, OR FLEXIBLE METAL CONDUIT (IN LENGTHS 6' OR LESS) FOR INTERIOR LOCATIONS. EMT CONNECTORS AND COUPLING SHALL BE SET-SCREW TYPE. PROVIDE GALVANIZED RIGID STEEL (GRS) OR INTERMEDIATE METAL CONDUIT (IMC) OUTDOORS AND IN DAMP LOCATIONS USING THREADED COUPLINGS & CONNECTORS. CLAMP CONDUIT TO BOXES WITH BUSHING INSIDE AND LOCKNUT OUTSIDE. ("AC" TYPE CABLE NOT APPROVED FOR THIS INSTALLATION. "MC" TYPE CABLE IS ONLY ALLOWED ON THE LAST 6 FEET OF THE ELECTRICAL CONNECTION TO LIGHT FIXTURES.)

- N. FLEXIBLE METAL CONDUIT (FMC) SHALL BE USED FOR CONNECTIONS TO ELECTRICAL EQUIPMENT AND TO EQUIPMENT FURNISHED UNDER DIVISIONS 14 AND 15 THAT ARE SUBJECT TO MOVEMENT AND VIBRATION. FMC SHALL BE LIMITED TO LENGTHS OF 6 FEET AND SHALL CONTAIN GROUNDING CONDUCTOR.

- O. ALL LOW VOLTAGE CABLE NOT IN CONDUIT AND INSTALLED IN RETURN AIR PLENUM SHALL BE U.L. LISTED PLENUM TYPE CABLE.

- P. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANT RATED WALLS, PARTITIONS, FLOORS, OR CEILINGS SHALL BE FIRESTOPPED USING U.L. APPROVED METHODS PER MANUFACTURES GUIDELINES (HILTI FIRE STOP SYSTEMS OR 3M FIRE PROTECTION PRODUCTS) TO MAINTAIN THE FIRE RESISTANCE RATING OF STRUCTURE. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATINGS REQUIREMENTS TO BE MAINTAINED.

3.5 INSTALLATION OF LUMINAIRES

- A. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CEILING CONSTRUCTION TYPES, HEIGHTS, CEILING SPACE CLEARANCES, ETC. WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS, ELEVATIONS, AND DETAILS. PROVIDE PROPER FRAMES, ROUGH-IN KITS, TRIM RINGS, MOUNTING HARDWARE, N.E.C. REQUIRED ACCESS, ANCILLARY ACCESSORIES, ETC. FOR A COMPLETE N.E.C. AND U.L. LISTED INSTALLATION PER ALL MANUFACTURER'S REQUIREMENTS.
- B. COORDINATE INSTALLATION OF ALL LUMINAIRES WITH ALL TRADES AND THE INSTALLATION OF CEILING MATERIALS AND SUSPENSION SYSTEMS PRIOR TO ANY ROUGH-INS.
- C. DO NOT INSTALL LUMINAIRES UNTIL WORK OF OTHER TRADES THAT MAY DAMAGE LUMINAIRES IS COMPLETED.
- D. INVESTIGATE LUMINAIRE LOCATIONS AND SUPPORTS TO ENSURE THAT NO INTERFERENCE EXISTS WITH HANGERS, DUCTS, SPRINKLERS, PIPES AND ALL OTHER EQUIPMENT.
- E. PROVIDE PROPER PLASTER FRAMES FOR LUMINAIRES CEESSED IN GYPSUM BOARD OR PLASTER CEILING.
- F. DO NOT SUSPEND OR SUPPORT LUMINAIRES OR SAFETY CHAINS FROM HUNG CEILING, CONDUIT OR DUCT. SUPPORT LUMINAIRES FROM STRUCTURAL BUILDING MEMBERS ONLY.
- G. FRAMING MEMBERS OF SUSPENDED CEILING SYSTEMS USED TO SUPPORT LUMINAIRES SHALL BE SECURELY FASTENED TO EACH OTHER AND SHALL BE SECURELY ATTACHED TO THE BUILDING STRUCTURE AT APPROPRIATE INTERVALS. LUMINAIRES SHALL BE SECURELY FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS SUCH AS BOLTS, SCREWS, OR RIVETS.

LISTED CLIPS IDENTIFIED FOR USE WITH THE TYPE OF CEILING FRAMING MEMBER(S) AND LUMINAIRE(S) SHALL ALSO BE PERMITTED PER N.E.C. 2008 ARTICLE 410.36(B).

- H. PROVIDE STRUT BELOW DUCTS WHERE LUMINAIRE LOCATIONS COINCIDE WITH DUCT RUNS. PROVIDE A COMPLETE THREADED ROD SYSTEM TO SUPPORT STRUT.

- I. PATCH ALL EXISTING SPRAY-ON FIREPROOFING DAMAGED DURING INSTALLATION.
- J. SUPPORT SURFACE-MOUNTED LUMINAIRES AT LEAST TWO CONCEALED POINTS TO PREVENT ROTATION.

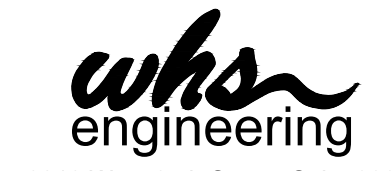
- K. LOCATE CEILING AND WALL MOUNTED LUMINAIRES AS SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS.

| SYMBOL LEGEND |   |
|---------------|---|
| SYMBOL        | DESCRIPTION   |
|               | LUMINAIRE. "A" INDICATES TYPE; "g" INDICATES SWITCH CONTROL.  |
|               | LUMINAIRE WIRED FOR 24 HOUR OPERATION.  |
|               | LUMINAIRE WITH INTEGRAL EMERGENCY BATTERY DRIVER.   |
|               | SELF CONTAINED LED UNIVERSAL MOUNTED "EXIT" SIGN. PROVIDE QUANTITY OF FACES AND DIRECTIONAL ARROWS AS INDICATED ON FLOOR PLANS. REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.   |
|               | EMERGENCY LIGHTING BATTERY UNIT WITH HEADS AS INDICATED. REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.  |
|               | LIGHT SWITCH. SINGLE POLE, 20 AMPERE, 120/277 VOLT, 1HP.  |
|               | LIGHT SWITCH. "X" INDICATES THE FOLLOWING: <ul style="list-style-type: none"> <li>"g" CONTROL OF SPECIFIED LUMINAIRES</li> <li>"3" 3-WAY TYPE</li> <li>"05" LINE VOLTAGE MULTI-TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR WITH MANUAL ON/OFF SWITCH</li> <li>"VS" LINE VOLTAGE MULTI-TECHNOLOGY WALL SWITCH VACANCY SENSOR WITH MANUAL ON/OFF SWITCH</li> <li>"LV4" 4-ZONE LOW VOLTAGE ON/OFF SWITCH WITH DIMMING FUNCTION</li> <li>"OR1" SHOWROOM TIMECLOCK OVERRIDE SWITCH.</li> <li>"OR2" PHOTOCCELL OVERRIDE SWITCH.</li> <li>"OR3" SERVICE AREA TIMECLOCK OVERRIDE SWITCH.</li> </ul> |
|               | UNDER GROUND CONDUIT/RACEWAY AND/OR CIRCUITING  |
|               | CONDUIT HOME RUN TO PANEL/CIRCUIT BREAKER AS INDICATED. ALL UNMARKED HOMERUNS TO CONTAIN 2-12 AWG & 1-12 AWG GND IN 3/4" CONDUIT (MINIMUM), UNLESS NOTED OTHERWISE. SIZE CONDUIT AND PROVIDE JUNCTION BOXES PER CODE UNLESS OTHERWISE NOTED.  |
|               | INDICATES PARTIAL CIRCUIT SHOWN   |
|               | BRANCH CIRCUIT PANELBOARD   |
|               | DISCONNECT SWITCH. "#" INDICATES SWITCH SIZE. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE   |
|               | DUPLEX RECEPTACLE – 125 VOLT, 20 AMPERE, 2 POLE, 3 WIRE, GROUNDING TYPE MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE   |
|               | DOUBLE DUPLEX RECEPTACLE – 125 VOLT, 20 AMPERE, 2 POLE, 3 WIRE, GROUNDING TYPE MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE  |
|               | GFCI GROUND TYPE DUPLEX RECEPTACLE – 125 VOLT, 20 AMPERE, 2 POLE, 3 WIRE, GROUNDING TYPE MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE  |
|               | RECEPTACLE SYMBOL WITH ADDITIONAL SUBSCRIPT DESIGNATES TYPE OR SPECIFIC REQUIREMENTS AS FOLLOWS: <ul style="list-style-type: none"> <li>"AC" INDICATES MOUNTED 8" ABOVE COUNTER UNLESS NOTED OTHERWISE ON</li> <li>"U" DUPLEX RECEPTACLE WITH USB PORTS, LEVITON 58332 OR EQUAL</li> <li>"T" TAMPER RESISTANT</li> <li>"G" RECEPTACLE PROTECTED BY UPSTREAM GFCI OR GFCI BREAKER WITH "GFCI PROTECTED" LABEL ON THE FACE OF DEVICE</li> <li>"C" RECEPTACLE MOUNTED AT CEILING. CONFIRM LOCATION IN FIELD</li> </ul>   |
|               | FLUSH 1-GANG DEEP STAMPED STEEL FLOOR BOX WITH DIVIDER. HUBBELL #BA2431 (ALUMINUM FINISH) WITH ONE #SA3825 DUPLEX FLAP AND ONE DUPLEX RECEPTACLE – 125 VOLT, 20 AMP. PROVIDE ONE #SA3084 CARPET FLANGE IF REQUIRED. VERIFY IF FINISHED FLOOR IS CARPET OR TILE AND PROVIDE UNIVERSAL COVER PLATE AS REQUIRED. VERIFY COLOR OF COVER PLATE WITH ARCHITECT.   |
|               | FLUSH 2-GANG DEEP STAMPED STEEL FLOOR BOX WITH DIVIDER. HUBBELL #BA2432 (ALUMINUM FINISH) WITH TWO #SA3825 DUPLEX FLAPS AND TWO DUPLEX RECEPTACLES – 125 VOLT, 20 AMP. PROVIDE ONE #SA3084 CARPET FLANGE IF REQUIRED. VERIFY IF FINISHED FLOOR IS CARPET OR TILE AND PROVIDE UNIVERSAL COVER PLATE AS REQUIRED. VERIFY COLOR OF COVER PLATE WITH ARCHITECT.   |
|               | WALL-MOUNTED, SINGLE-RELAY OCCUPANCY SENSOR   |
|               | JUNCTION BOX – SIZE PER N.E.C. ARTICLE 314 REQUIREMENTS   |
|               | VOICE AND DATA SYMBOL WITH ADDITIONAL SUBSCRIPT DESIGNATES TYPE OR SPECIFIC   |
|               | DATA SYMBOL WITH ADDITIONAL SUBSCRIPT DESIGNATES TYPE OR SPECIFIC   |
|               | MANUAL PULL STATION   |
|               | COMBINATION AUDIBLE/VISUAL (HORN/STROBE) SIGNALING DEVICE   |
|               | VISUAL (STROBE)   |
|               | FIRE ALARM ANNUNCIATOR PANEL  |
|               | FIRE ALARM CONTROL PANEL  |
|               | CEILING MOUNTED HORN/STROBE   |
|               | CEILING MOUNTED STROBE  |
|               | CEILING MOUNTED SMOKE DETECTOR  |

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| DATE           | 10/08/2024 |
| DRAWN BY       | SLD        |
| CHECKED BY     | GSS        |

SHEET NAME



PRIOR TO DEMOLITION VERIFY THAT NEW LOADS DO NOT DISRUPT ANY CIRCUITS THAT ARE EXISTING TO REMAIN. REARRANGE NEW LOADS AND NEW CIRCUIT BREAKERS AS NECESSARY TO ENSURE THAT ALL EXISTING CONNECTIONS ARE MAINTAINED. TRACE ALL EXISTING CIRCUITS AND PROVIDE AN UPDATED DIRECTORY CARD IN EACH PANEL.

PANEL SCHEDULES ARE SHOWN FOR REFERENCE ONLY. PRIOR TO DEMOLITION VERIFY THAT NEW LOADS DO NOT DISRUPT ANY CIRCUITS THAT ARE EXISTING TO REMAIN. CONFIRM PANEL BUSS RATINGS AND SUB PANEL BREAKER SIZES IN MDP. ENSURE THAT THE KVA FOR ANY PHASE IN ANY PANEL DOES NOT EXCEED THE ASSOCIATED PANEL'S BUSS RATING. REARRANGE NEW LOADS AND NEW CIRCUIT BREAKERS AS NECESSARY TO ENSURE THAT ALL EXISTING CONNECTIONS ARE MAINTAINED AND NO PANEL IS OVERLOADED. TRACE ALL EXISTING CIRCUITS AND PROVIDE AN UPDATED DIRECTORY CARD IN EACH PANEL.

EXISTING SINGLE-LINE POWER RISER DIAGRAM IS BASED ON SURVEY PHOTOS AND/OR EXISTING DRAWINGS (DATED 12/08/1997). ALL ELECTRICAL EQUIPMENT AND DISTRIBUTION IS EXISTING TO REMAIN AND SHOWN FOR REFERENCE ONLY. FIELD VERIFY ELECTRICAL DISTRIBUTION.

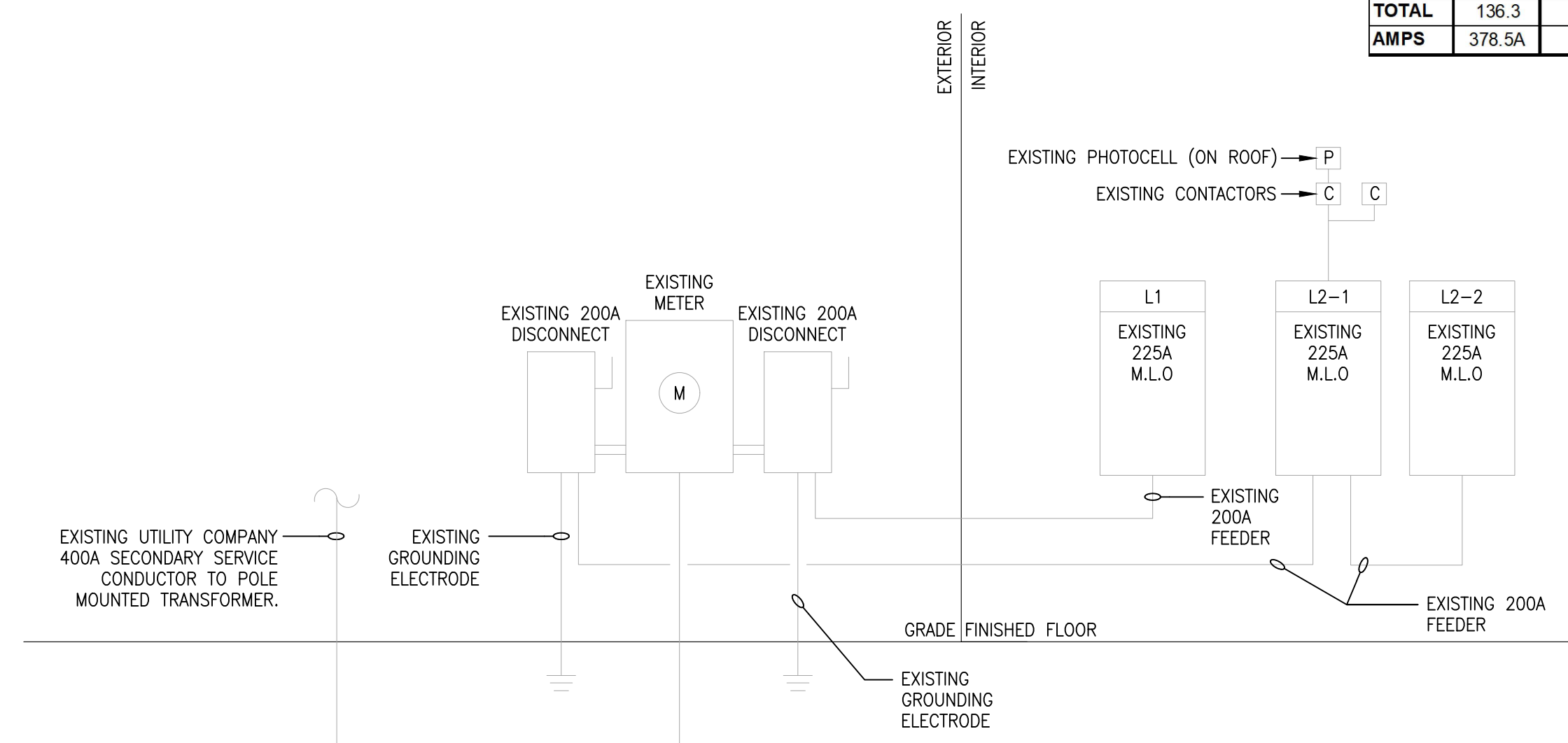
| EXISTING CIRCUIT BREAKER PANEL SCHEDULE |     |                |      |      |      |           |       |      |    |                |       |      |      |               |                    |             |     |      |  |  |  |       |  |  |  |          |  |  |  |
|---|-----|----------------|------|------|------|-----------|-------|------|----|----------------|-------|------|------|---------------|--------------------|-------------|-----|------|--|--|--|-------|--|--|--|----------|--|--|--|
| NAME:                                   |     | L1             |      |      |      | VOLTAGE:  |       |      |    | 208/120V-3Ø-4W |       |      |      | BUSS:         |                    |             |     | 225A |  |  |  | KAIC: |  |  |  | EXISTING |  |  |  |
| MOUNTING:                               |     | RECESSED       |      |      |      | LOCATION: |       |      |    | HALLWAY        |       |      |      | MAIN LUG ONLY |                    |             |     | KWD: |  |  |  | 80.4  |  |  |  |          |  |  |  |
| NOTE                                    | CKT | DESCRIPTION    | LTG  | REC  | FSEQ | HVAC      | MISC  | C/B  | PH | C/B            | MISC  | HVAC | FSEQ | REC           | LTG                | DESCRIPTION | CKT | NOTE |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 1   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | A  |                |       |      |      |               |                    |             | 2   |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 3   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | B  |                |       |      |      |               |                    |             | 4   |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 5   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | C  |                |       |      |      |               |                    |             | 6   |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 7   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | A  |                |       |      |      |               |                    |             | 8   |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 9   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | B  |                |       |      |      |               |                    |             | 10  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 11  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | C  |                |       |      |      |               |                    |             | 12  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 13  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | A  |                |       |      |      |               |                    |             | 14  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 15  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | B  |                |       |      |      |               |                    |             | 16  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 17  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | C  |                |       |      |      |               |                    |             | 18  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 19  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/2 | A  |                |       |      |      |               |                    |             | 20  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 21  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/2 | B  |                |       |      |      |               |                    |             | 22  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 23  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/2 | C  |                |       |      |      |               |                    |             | 24  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 25  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | A  |                |       |      |      |               |                    |             | 26  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 27  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | B  |                |       |      |      |               |                    |             | 28  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 29  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/3 | A  |                |       |      |      |               |                    |             | 30  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 31  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | B  |                |       |      |      |               |                    |             | 32  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 33  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | C  |                |       |      |      |               |                    |             | 34  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 35  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | A  |                |       |      |      |               |                    |             | 36  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 37  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | B  |                |       |      |      |               |                    |             | 38  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 39  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | C  |                |       |      |      |               |                    |             | 40  |      |  |  |  |       |  |  |  |          |  |  |  |
| E                                       | 41  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | A  |                |       |      |      |               |                    |             | 42  |      |  |  |  |       |  |  |  |          |  |  |  |
| <b>TOTALS (KW)</b>                      |     |                | 0.00 | 0.00 | 0.00 | 0.00      | 16.50 |      | PH | 5.00           | 58.89 | 0.00 | 0.00 | 0.00          | <b>TOTALS (KW)</b> |             |     |      |  |  |  |       |  |  |  |          |  |  |  |

| LOAD SUMMARY |               |      | EXISTING PANEL MODEL |  |               | PANEL DATA |  |             | KWD  |      |     | KWC  |      |      | LTG  |     |     | REC |      |      | FSEQ |  |     | HVAC |     |      | MISC |      |  |
|--------------|---------------|------|----------------------|--|---------------|------------|--|-------------|------|------|-----|------|------|------|------|-----|-----|-----|------|------|------|--|-----|------|-----|------|------|------|--|
|              | KWC           | DF   | KWD                  |  | CUTLER HAMMER |            |  |             | KWC  | LTG  | REC | FSEQ | HVAC | MISC |      | KWC | LTG | REC | FSEQ | HVAC | MISC |  | KWC | LTG  | REC | FSEQ | HVAC | MISC |  |
| LTG          | 0.0           | 1.25 | 0.0                  |  |               |            |  | KW Phase A: | 27.1 | 27.1 | 0.0 | 0.0  | 0.0  | 0.0  | 19.6 | 7.5 |     |     |      |      |      |  |     |      |     |      |      |      |  |
| REC          | 0.0           | NEC  | 0.0                  |  |               |            |  | KW Phase B: | 26.6 | 26.6 | 0.0 | 0.0  | 0.0  | 0.0  | 19.6 | 7.0 |     |     |      |      |      |  |     |      |     |      |      |      |  |
| FSEQ         | 0.0           | 0.65 | 0.0                  |  |               |            |  | KW Phase C: | 26.6 | 26.6 | 0.0 | 0.0  | 0.0  | 0.0  | 19.6 | 7.0 |     |     |      |      |      |  |     |      |     |      |      |      |  |
| HVAC         | 58.9          | 1.00 | 58.9                 |  |               |            |  |             |      |      |     |      |      |      |      |     |     |     |      |      |      |  |     |      |     |      |      |      |  |
| MISC         | 21.5          | 1.00 | 21.5                 |  |               |            |  |             |      |      |     |      |      |      |      |     |     |     |      |      |      |  |     |      |     |      |      |      |  |
| <b>TOTAL</b> | <b>80.4</b>   |      | <b>80.4KW</b>        |  |               |            |  |             |      |      |     |      |      |      |      |     |     |     |      |      |      |  |     |      |     |      |      |      |  |
| <b>AMPS</b>  | <b>223.1A</b> |      | <b>223.1A</b>        |  |               |            |  |             |      |      |     |      |      |      |      |     |     |     |      |      |      |  |     |      |     |      |      |      |  |

| SERVICE LOAD SUMMARY |               |      |               |
|----------------------|---------------|------|---------------|
| 208/120V-3Ø-4W       |               |      |               |
|                      | KWC           | DF   | KWD           |
| LTG                  | 35.8          | 1.25 | 44.8          |
| REC                  | 15.4          | NEC  | 12.7          |
| FSEQ                 | 0.0           | 0.65 | 0.0           |
| HVAC                 | 60.5          | 1.00 | 60.5          |
| MISC                 | 24.6          | 1.00 | 24.6          |
| <b>TOTAL</b>         | <b>136.3</b>  |      | <b>142.6</b>  |
| <b>AMPS</b>          | <b>378.5A</b> |      | <b>395.8A</b> |



EXISTING SINGLE-LINE POWER RISER DIAGRAM

SCALE: NONE

| EXISTING CIRCUIT BREAKER PANEL SCHEDULE |     |                  |       |      |      |           |      |      |      |                |      |      |      |               |       |                    |      |                     |              |    |   |       |  |  |  |          |  |  |  |
|---|-----|------------------|-------|------|------|-----------|------|------|------|----------------|------|------|------|---------------|-------|--------------------|------|---------------------|--------------|----|---|-------|--|--|--|----------|--|--|--|
| NAME:                                   |     | L2-1             |       |      |      | VOLTAGE:  |      |      |      | 208/120V-3Ø-4W |      |      |      | BUSS:         |       |                    |      | 225A                |              |    |   | KAIC: |  |  |  | EXISTING |  |  |  |
| MOUNTING:                               |     | RECESSED         |       |      |      | LOCATION: |      |      |      | HALLWAY        |      |      |      | MAIN LUG ONLY |       |                    |      | KWD:                |              |    |   | 44.8  |  |  |  |          |  |  |  |
| NOTE                                    | CKT | DESCRIPTION      | LTG   | REC  | FSEQ | HVAC      | MISC | C/B  | PH   | C/B            | MISC | HVAC | FSEQ | REC           | LTG   | DESCRIPTION        | CKT  | NOTE                |              |    |   |       |  |  |  |          |  |  |  |
| E                                       | 31  | CANOPY LIGHTING  | 0.70  |      |      |           |      | 20/1 | A    | 20/1           |      |      |      |               |       |                    | 0.94 | LTG - BACK OF HOUSE | 32           | R  |   |       |  |  |  |          |  |  |  |
| E                                       | 33  | LIGHTING         | 1.20  |      |      |           |      | 20/1 | B    | 20/1           |      |      |      |               |       |                    | 1.60 | EXTERIOR LIGHTING   | 34           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 35  | LIGHTING         | 1.20  |      |      |           |      | 20/1 | C    | 20/1           |      |      |      |               |       |                    | 0.10 | EXIT LIGHTS         | 36           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 37  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | A    | 20/2           |      |      |      |               |       |                    | 0.54 | REC - P.O.S         | 38           | R  |   |       |  |  |  |          |  |  |  |
| E                                       | 39  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | B    | 20/2           |      |      |      |               |       |                    | 0.54 | REC - P.O.S         | 40           | R  |   |       |  |  |  |          |  |  |  |
| E                                       | 41  | SERVICE LIGHTING | 1.15  |      |      |           |      | 20/2 | C    | 20/2           |      |      |      |               |       |                    | 1.61 | SERVICE LIGHTING    | 42           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 43  | SERVICE LIGHTING | 1.15  |      |      |           |      | 20/2 | A    | 20/2           |      |      |      |               |       |                    | 1.61 | SERVICE LIGHTING    | 44           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 45  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | B    | 20/2           |      |      |      |               |       |                    | 1.61 | SERVICE LIGHTING    | 46           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 47  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | C    | 20/2           |      |      |      |               |       |                    | 1.61 | SERVICE LIGHTING    | 48           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 49  | SIGN             | 1.68  |      |      |           |      | 20/1 | A    | 20/1           |      |      |      |               |       |                    | 1.04 | LIGHTING            | 50           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 51  | SIGN             | 1.68  |      |      |           |      | 20/1 | B    | 20/1           |      |      |      |               |       |                    | 2.88 | PY LON SIGN         | 52           | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 53  | SIGN             | 1.68  |      |      |           |      | 20/1 | C    | 20/1           |      |      |      |               |       |                    | 0.10 | PHOTOCELL           | 54           | E  |   |       |  |  |  |          |  |  |  |
| R                                       | 55  | SIGN             | 1.68  |      |      |           |      | 20/1 | A    | 20/1           |      |      |      |               |       |                    | 0.54 | REC - OFFICE        | 56           | R  |   |       |  |  |  |          |  |  |  |
| R                                       | 57  | SIGN             | 1.68  |      |      |           |      | 20/1 | B    | 20/1           |      |      |      |               |       |                    | 0.54 | RECEPTACLES         | 58           | E  |   |       |  |  |  |          |  |  |  |
| R                                       | 59  | CEILING FANS     |       |      |      |           |      | 0.40 | 20/1 | C              | 20/1 |      |      |               |       |                    |      | 0.54                | REC - CLOSET | 60 | E |       |  |  |  |          |  |  |  |
| <b>TOTALS (KW)</b>                      |     |                  | 20.24 | 0.00 | 0.00 | 0.00      | 0.40 |      | PH   |                | 0.00 | 0.00 | 0.00 | 2.70          | 13.10 | <b>TOTALS (KW)</b> |      |                     |              |    |   |       |  |  |  |          |  |  |  |

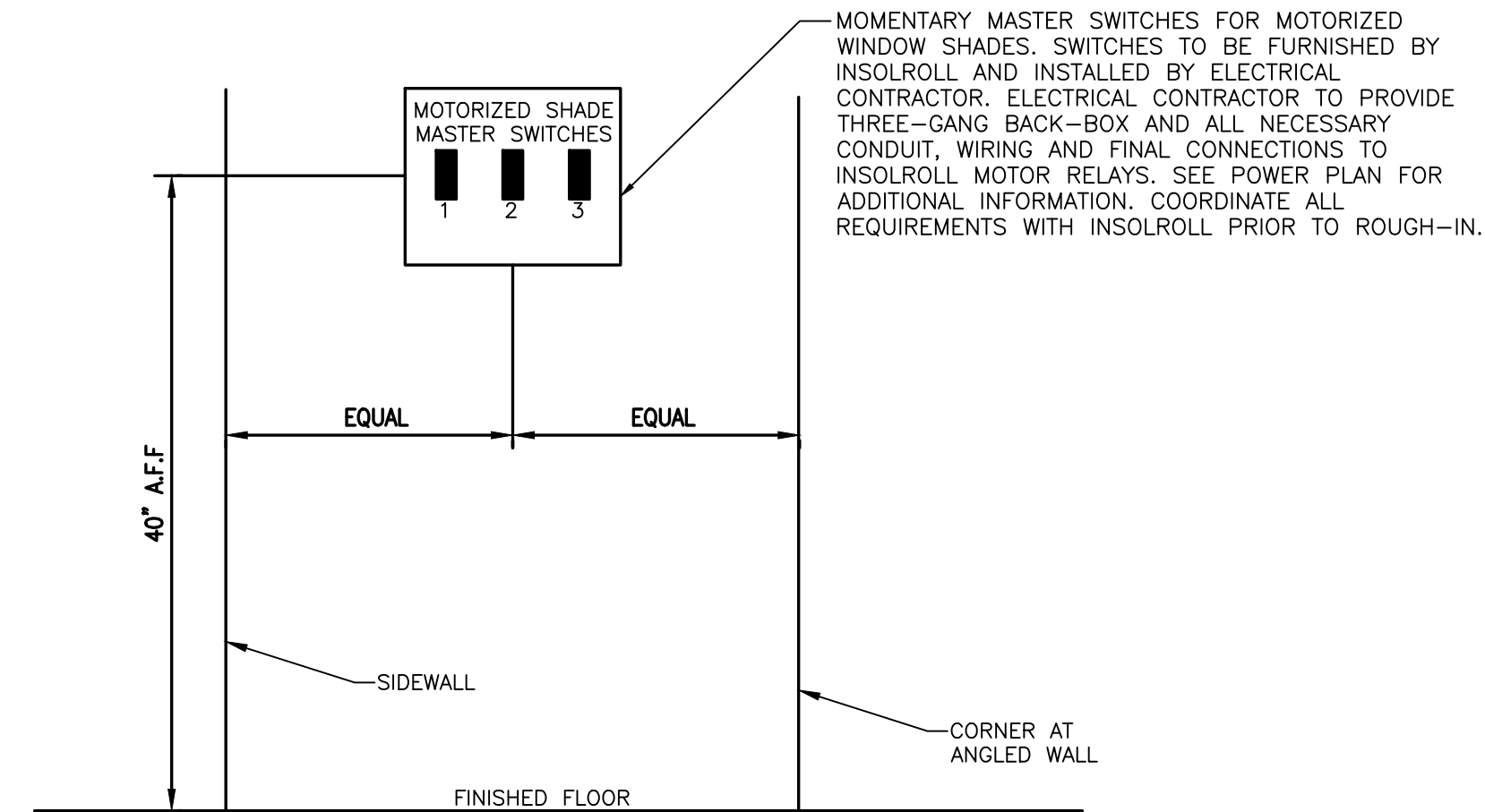
| LOAD SUMMARY |               |      |               | EXISTING PANEL MODEL |               |  | PANEL DATA |             |      | KWD  |      |      | KWC  |      |     | LTG |     |     | REC  |      |      | FSEQ |     |     | HVAC |      |      | MISC |  |  |
|--------------|---------------|------|---------------|----------------------|---------------|--|------------|-------------|------|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|-----|-----|------|------|------|------|--|--|
|              | KWC           | DF   | KWD           |                      | CUTLER HAMMER |  |            |             | KWC  | LTG  | REC  | FSEQ | HVAC | MISC |     | KWC | LTG | REC | FSEQ | HVAC | MISC |      | KWC | LTG | REC  | FSEQ | HVAC | MISC |  |  |
| LTG          | 33.3          | 1.25 | 41.7          |                      |               |  |            | KW Phase A: | 14.1 | 11.5 | 10.4 | 1.1  | 0.0  | 0.0  | 0.0 |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |
| REC          | 2.7           | NEC  | 2.7           |                      |               |  |            | KW Phase B: | 18.4 | 15.0 | 13.9 | 1.1  | 0.0  | 0.0  | 0.0 |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |
| FSEQ         | 0.0           | 0.65 | 0.0           |                      |               |  |            | KW Phase C: | 12.3 | 10.0 | 9.1  | 0.5  | 0.0  | 0.0  | 0.4 |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |
| HVAC         | 0.0           | 1.00 | 0.0           |                      |               |  |            |             |      |      |      |      |      |      |     |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |
| MISC         | 0.4           | 1.00 | 0.4           |                      |               |  |            |             |      |      |      |      |      |      |     |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |
| <b>TOTAL</b> | <b>36.4</b>   |      | <b>44.8KW</b> |                      |               |  |            |             |      |      |      |      |      |      |     |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |
| <b>AMPS</b>  | <b>101.1A</b> |      | <b>124.3A</b> |                      |               |  |            |             |      |      |      |      |      |      |     |     |     |     |      |      |      |      |     |     |      |      |      |      |  |  |

NOTES: R - RE-USE EXISTING CIRCUIT BREAKER FOR NEW LOAD, E - EXISTING LOAD/CIRCUIT BREAKER TO REMAIN

| EXISTING CIRCUIT BREAKER PANEL SCHEDULE |     |                  |      |     |      |           |      |      |    |                |      |      |      |               |     |             |      |                    |    |    |   |       |  |  |  |          |  |  |  |
|---|-----|------------------|------|-----|------|-----------|------|------|----|----------------|------|------|------|---------------|-----|-------------|------|--------------------|----|----|---|-------|--|--|--|----------|--|--|--|
| NAME:                                   |     | L2-2             |      |     |      | VOLTAGE:  |      |      |    | 208/120V-3Ø-4W |      |      |      | BUSS:         |     |             |      | 225A               |    |    |   | KAIC: |  |  |  | EXISTING |  |  |  |
| MOUNTING:                               |     | RECESSED         |      |     |      | LOCATION: |      |      |    | HALLWAY        |      |      |      | MAIN LUG ONLY |     |             |      | KWD:               |    |    |   | 18.8  |  |  |  |          |  |  |  |
| NOTE                                    | CKT | DESCRIPTION      | LTG  | REC | FSEQ | HVAC      | MISC | C/B  | PH | C/B            | MISC | HVAC | FSEQ | REC           | LTG | DESCRIPTION | CKT  | NOTE               |    |    |   |       |  |  |  |          |  |  |  |
| E                                       | 1   | TELEPHONE / FACP | 0.36 |     |      |           |      | 20/1 | A  | 20/1           |      |      |      |               |     |             | 0.54 | QUAD SHOWROOM      | 2  | E  |   |       |  |  |  |          |  |  |  |
| R                                       | 3   | EWIC             | 1.00 |     |      |           |      | 20/1 | B  | 20/1           | 0.40 |      |      |               |     |             | 0.54 | QUAD SHOWROOM      | 4  | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 5   | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             |      |                    |    | 6  | R |       |  |  |  |          |  |  |  |
| E                                       | 7   | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | A  | 20/1           |      |      |      |               |     |             |      |                    |    | 8  |   |       |  |  |  |          |  |  |  |
| E                                       | 9   | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | B  | 20/1           | 1.65 |      |      |               |     |             |      |                    |    | 10 | E |       |  |  |  |          |  |  |  |
| E                                       | 11  | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             | 0.18 | RECEPTACLES        | 12 | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 13  | NEON             | 1.50 |     |      |           |      | 20/1 | A  | 20/1           | 1.14 |      |      |               |     |             |      |                    |    | 14 | E |       |  |  |  |          |  |  |  |
| E                                       | 15  | RECEPTACLES      | 1.50 |     |      |           |      | 20/1 | B  | 20/1           | 1.14 |      |      |               |     |             |      |                    |    | 16 | E |       |  |  |  |          |  |  |  |
| E                                       | 17  | REFRIGERATION    | 1.00 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             | 0.54 | REC - SALES WINDOW | 18 |    |   |       |  |  |  |          |  |  |  |
| R                                       | 19  | LTG - SALES      | 1.00 |     |      |           |      |      |    |                |      |      |      |               |     |             |      |                    |    |    |   |       |  |  |  |          |  |  |  |





## 02 SHADE SWITCH MOUNTING DETAIL

NOT TO SCALE

### NOTE LEGEND

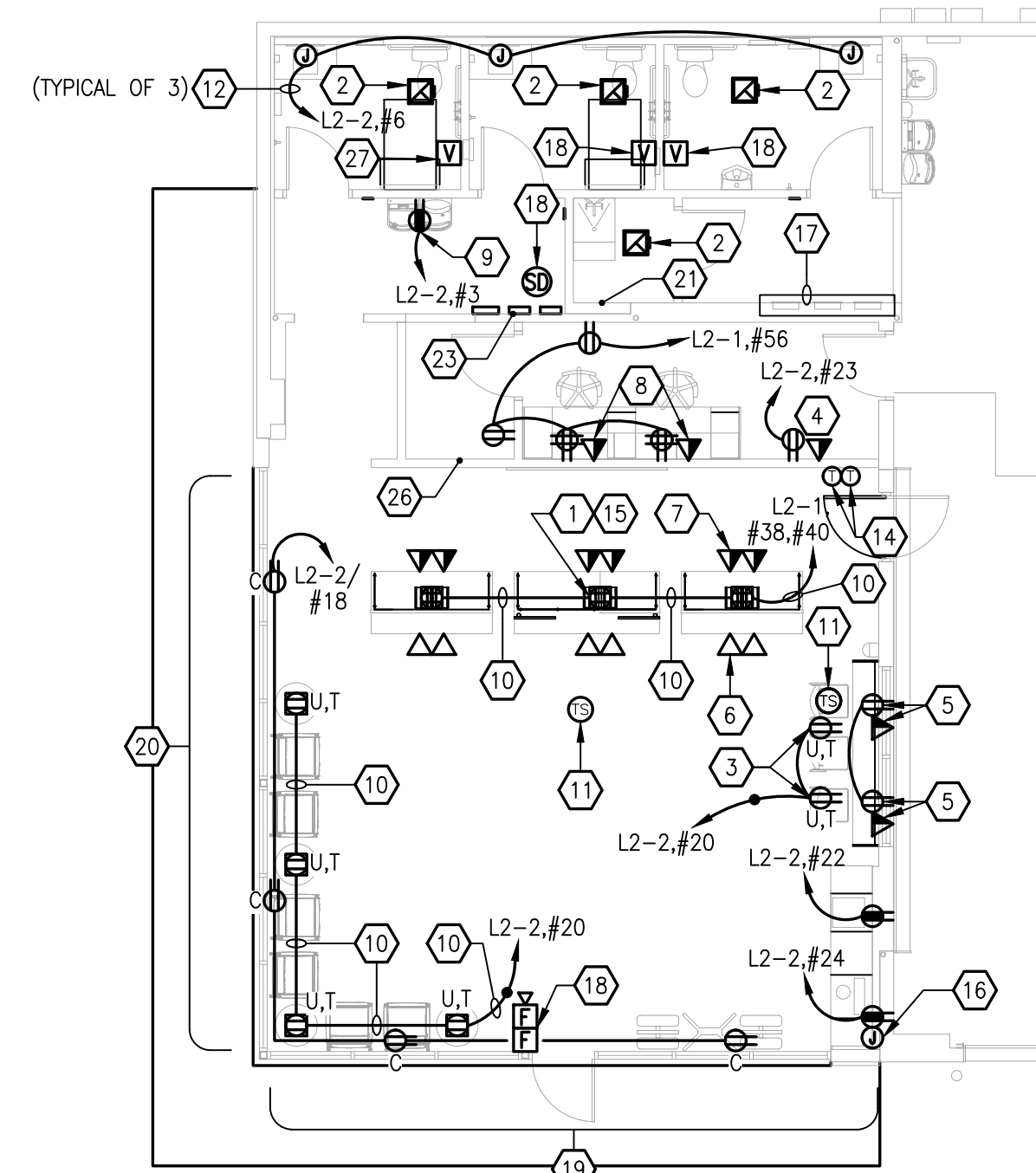
- ALL DEVICES (SWITCHED AND RECEPTACLES) TO BE GRAY IN COLOR. ALL COVER PLATES SHALL BE ENGRAVED, WITH IDENTIFICATION OF CONTROL FOR ALL SWITCHES.
- ALL DEVICES AND CONDUIT SHALL BE MOUNTED RECESSED IN WALL.
- COORDINATE EXACT MOUNTING HEIGHT WITH DISCOUNT TIRE CONSTRUCTION MANAGER.

## EXISTING BUILDING FIRE ALARM SYSTEM NOTES

- PRIOR TO BID SUBMITTAL, THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE WITH BUILDING MANAGEMENT AND THE BUILDING APPROVED FIRE ALARM SYSTEM VENDOR TO VERIFY THE EXISTING SYSTEM, OPERATIONS, COMPONENTS, PANEL LOCATIONS, CABLING, AND ROUTING REQUIREMENTS, ETC. CONFIRM EXISTING FIRE ALARM MANUFACTURER AND FIRE ALARM CONTACT PRIOR TO START OF WORK.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH BUILDING MANAGEMENT AND THE FIRE ALARM SYSTEM VENDOR FOR ALL COMPONENTS AND/OR SYSTEM MODIFICATIONS AS REQUIRED TO ACCOMMODATE NEW FIRE ALARM DEVICE(S) AND CODE COMPLIANCE OPERATION.
- FIRE ALARM DEVICE LOCATIONS ARE DIAGRAMMATIC ONLY. THE FIRE ALARM SYSTEM VENDOR SHALL BE RESPONSIBLE TO VERIFY ALL NEW AND EXISTING DEVICE SPECIFICATIONS AND CHARACTERISTICS, BASED ON THEIR SYSTEM DEVICE SPECIFICATIONS. PROVIDE FINAL LAYOUT DRAWINGS OF DEVICE LOCATIONS TO MEET ALL STATE AND LOCAL FIRE ALARM CODE REQUIREMENTS.
- PROVIDE ALL NEW EQUIPMENT AND DEVICES AS REQUIRED FOR A COMPLETE AND CODE COMPLIANT SYSTEM. THE ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM VENDOR SHALL BE RESPONSIBLE TO PROVIDE ALL SERVICES REQUIRED TO PROVIDE A "COMPLETE AND OPERATIONAL SYSTEM" PER ALL STATE AND LOCAL CODE REQUIREMENTS. THIS INCLUDES BUT IS NOT LIMITED TO: PRODUCING FIRE ALARM DRAWINGS AND SPECIFICATIONS FOR PERMITTING, SHOP DRAWINGS, AND CONSTRUCTION. INCLUDE ALL SIGNALING CIRCUIT LOADS, VOLTAGE DROPS, WIRING DIAGRAMS WIRE SIZE, BATTERY CALCULATIONS, ETC PER MUNICIPAL CODE OF THE CITY OF ROCKWALL, TEXAS.

## CODED NOTES

- PROVIDE ISOLATED GROUND DOUBLE DUPLEX RECEPTACLES MOUNTED IN FLUSH FLOOR CAST BOX WITH THREADED HUBS (HUBBELL #S1CFB), TILE ASSEMBLY COVERPLATE (HUBBELL #S1TF0) AND SUB-PLATE TO MATCH RECEPTACLE/ DATA CONFIGURATION. COORDINATE EXACT LOCATION OF BOX PRIOR TO INSTALLATION (TYPICAL OF EACH SALES COUNTER).
- NEW EXHAUST FAN TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT AND SHALL BE CONTROLLED VIA LOCAL LIGHTING CONTROLS. SEE LIGHTING PLAN, #E2.0 FOR MORE INFORMATION.
- MOUNT USB TYPE DUPLEX RECEPTACLE UNDER VIEWING WINDOW AND ABOVE VIEWING COUNTER. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING LOCATION.
- COORDINATE FINAL LOCATION OF POWER/DATA DEVICE FOR PRINTER WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE DUPLEX RECEPTACLE AND DATA OUTLET MOUNTED 10'-4" AFF FOR POWER AND DATA CONNECTIONS FOR MONITOR BANK. ELECTRICAL/DATA CONNECTIONS TO ACTUAL EQUIPMENT WILL BE BY OTHERS. VERIFY EXACT LOCATION WITH DISCOUNT TIRE CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE (1) 2" CONDUIT W/ PULLSTRING FROM COMPUTER CABINET IN COMPUTER ROOM (REFER TO COLONY CABINETS FOR EXACT STUB-UP LOCATION) TO EACH DATA OUTLET FOR PEDESTAL OF SALES COUNTER. REDUCE CONDUIT AT FLOOR BOX USING 1-1/2" NPT FITTING (TYPICAL OF EACH SALES COUNTER).
- PROVIDE (1) 2" CONDUIT W/ PULLSTRING FROM TELEPHONE BOARD AND J-BOX FLUSH MOUNTED IN EACH PEDESTAL OF SALES COUNTER FOR TELEPHONE. REDUCE CONDUIT AT FLOOR BOX USING 1-1/2" NPT FITTING (TYPICAL OF EACH SALES COUNTER).
- PROVIDE (1) 3/4" CONDUIT W/ PULLSTRING FROM DATA OUTLET TO COMPUTER CABINET IN COMPUTER ROOM AND (1) 3/4" CONDUIT W/ PULLSTRING TO THE TELEPHONE BOARD FROM TELEPHONE OUTLETS.
- PROVIDE NEW 20A BRANCH CIRCUIT FOR NEW DRINKING FOUNTAIN LOCATION. VERIFY WITH EXISTING DRAWINGS AND PANEL SCHEDULES. COORDINATE EXACT LOCATION WITH ARCHITECT.
- E.C. SHALL SAWCUT AND PATCH FLOOR AS REQUIRED. (TYPICAL).
- PROVIDE 1/2" CONDUIT WITH PULL WIRE FROM MECHANICAL CONTRACTOR PROVIDED TEMPERATURE SENSOR TO ASSOCIATED THERMOSTAT. REFER TO MECHANICAL PLANS FOR EXACT LOCATION.
- PROVIDE JUNCTION BOX AND COVER PLATE FOR AUTOMATIC FAUCET/FLUSH VALVE PER MANUFACTURER'S INSTRUCTIONS. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE FINAL CONNECTIONS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. (TYPICAL)
- NOT USED.
- PROVIDE 1/2" CONDUIT WITH PULL WIRE FROM EACH THERMOSTAT TO UNITS ON ROOF. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- WIRE DUPLEX RECEPTACLES AT EACH STATION SUCH THAT (1) DUPLEX RECEPTACLE AT EACH STATION IS CONNECTED TO (1) CIRCUIT BREAKER AND THE OTHER DUPLEX AT EACH STATION IS WIRED TO THE OTHER CIRCUIT BREAKER. CIRCUITS SHALL BE LOCATED ADJACENT TO EACH OTHER IN PANEL AND HANDLE TIE SHALL BE PROVIDED.
- FULLY RECESSED 2-GANG, NON-METALLIC UTILITY BOX, THOMAS & BETTS E9812F OR EQUAL, WITH BLANK COVERPLATE. PROVIDE 1" CONDUIT WITH PULL STRING ROUTED FROM SHOWROOM TO ELECTRIC PANELS FOR FUTURE WATER INSTALLATION.
- EXISTING ELECTRIC PANELS TO REMAIN. (TYPICAL)
- LOCATION OF RELOCATED (OR REINSTALLED AFTER INSTALLATION OF NEW CEILING GRID) FIRE ALARM DEVICE. EXTEND ALL FIRE ALARM CABLING TO NEW LOCATION.
- NEW "INSOLROLL" MOTORIZED SHADES WITH INTEGRAL QUICK-CONNECT DISCONNECT TO REPLACE EXISTING MOTORIZED SHADES. UTILIZE EXISTING BRANCH CIRCUITING, MOTORS, AND CONTROLS (RELOCATED). EXTEND EXISTING WIRE AND CONDUIT AS REQUIRED. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS.
- NEW "INSOLROLL" MOTORIZED SHADES WITH INTEGRAL QUICK-CONNECT. EXTEND EXISTING BRANCH CIRCUITING AS REQUIRED TO NEW MOTORIZED SHADE LOCATIONS. PROVIDE NEW CONTROLS. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS.
- LOCATION OF TELECOMMUNICATION EQUIPMENT. REWORK ANY CABLING AS REQUIRED PER REVISED FLOOR PLAN.
- NOT USED.
- LOCATION OF FIRE ALARM CONTROL PANEL. REWORK ANY CABLING AS REQUIRED PER REVISED FLOOR PLAN.
- NOT USED.
- NOT USED.
- ALL FLOOR BOX AND SALES POD POWER AND TELE/DATA CONDUITS SHALL BE ROUTED TO THIS APPROXIMATE LOCATION AT HOSPITALITY WALL. CONFIRM EXACT LOCATION IN FIELD PRIOR TO START OF WORK. PROVIDE CHASE FROM THIS LOCATION TO ELECTRICAL PANEL LOCATION, IT ROOM AND MANAGER'S OFFICE AS REQUIRED. CHASE SHALL RUN ABOVE FINISHED CEILING AND BELOW STRUCTURE/MEZZANINE.
- LOCATION OF NEW FIRE ALARM DEVICE. PROVIDE FIRE ALARM CABLING TO NEW LOCATION. COORDINATE ALL FIRE ALARM WORK WITH FIRE ALARM DESIGNER/CONTRACTOR PRIOR TO START OF WORK.



## 01 POWER AND COMMUNICATION PLAN

1/8" = 1'-0"

### GENERAL POWER PLAN NOTES

- EXACT LOCATION OF MECHANICAL, PLUMBING, KITCHEN, FURNITURE SYSTEMS, OWNER FURNISHED EQUIPMENT, ETC. THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL, PLUMBING, AND/OR ARCHITECTURAL DRAWINGS. COORDINATE EXACT LOCATIONS WITH RESPECTIVE CONTRACTORS AND/OR VENDORS PRIOR TO ANY ROUGH-INS.
- PRIOR TO ROUGH-IN, REVIEW AND COORDINATE WITH ALL OTHER TRADES' CONTRACT DOCUMENTS TO DETERMINE SPECIFIC MOUNTING LOCATIONS AND ELECTRICAL REQUIREMENTS (VOLTAGE, PHASE, KW, HP, CONNECTION TYPE, ETC.) FOR HVAC AND PLUMBING EQUIPMENT. COORDINATE EXACT MOUNTING LOCATIONS WITH THE SPECIFIC TRADE AND ARCHITECT.
- MINIMUM CONDUCTOR SIZE FOR 277 VOLT BRANCH CIRCUITS SHALL BE 12-AWG. FOR 277 VOLT BRANCH CIRCUITS WITH HOMERUNS OVER 150 LINEAR FEET A MINIMUM WIRE SIZE OF 10-AWG SHALL BE PROVIDED FROM FIRST JUNCTION/OUTLET BOX TO BRANCH CIRCUIT PANELBOARD.
- MINIMUM CONDUCTOR SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE 12-AWG. FOR 120 VOLT BRANCH CIRCUITS WITH HOMERUNS OVER 100 LINEAR FEET, A MINIMUM WIRE SIZE OF 10-AWG SHALL BE PROVIDED FROM FIRST JUNCTION/OUTLET BOX TO BRANCH CIRCUIT PANELBOARD. FOR 120 VOLT BRANCH CIRCUITS WITH HOMERUNS OVER 150 LINEAR FEET, A MINIMUM WIRE SIZE OF 8-AWG SHALL BE PROVIDED FROM FIRST JUNCTION/OUTLET BOX TO BRANCH CIRCUIT PANELBOARD.
- ALL WIRING SHALL BE IDENTIFIED BY PANELBOARD AND CIRCUIT NUMBER(S) IN ALL CABINETS, JUNCTION BOXES, WIRING TROUGH, ENCLOSURES, SPLICE OR TERMINATION POINTS, ETC.
- A NEW TYPED PANELBOARD DIRECTORY CARD SHALL BE PROVIDED FOR ALL PANELS INSTALLED OR MODIFIED UNDER THIS CONTRACT. NEW DIRECTORY CARDS SHALL BE LOCATED ON THE INSIDE DOOR OF ASSOCIATED PANELS.

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PROJECT NUMBER DT10773

DATE 10/08/2024

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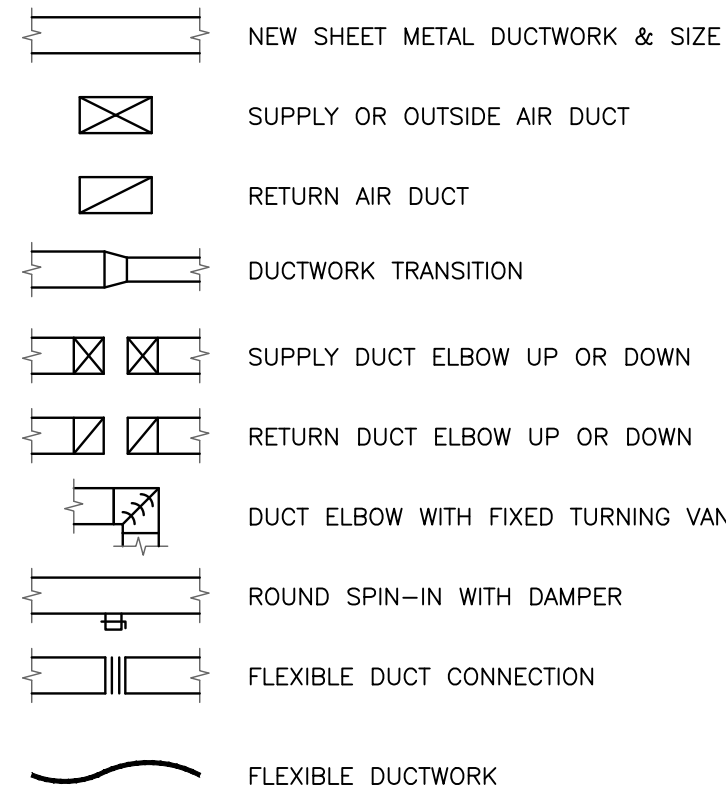
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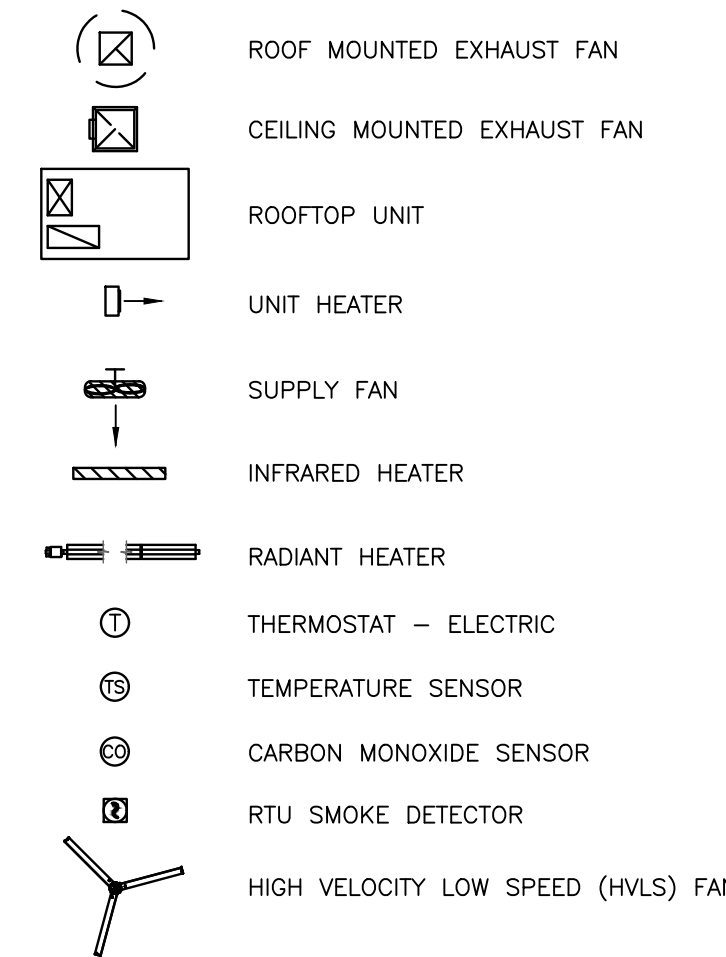
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## MECHANICAL SYMBOLS LEGEND

### DOUBLE LINE DUCT SYMBOLS:



### EQUIPMENT:



### ABBREVIATIONS:

|     |                          |
|-----|--------------------------|
| AFF | ABOVE FINISHED FLOOR     |
| BHP | BRAKE HORSEPOWER         |
| BTU | BRITISH THERMAL UNIT     |
| CFM | CUBIC FEET PER MINUTE    |
| DB  | DRY BULB                 |
| EAT | ENTERING AIR TEMPERATURE |
| ESP | EXTERNAL STATIC PRESSURE |
| HZ  | FREQUENCY                |
| LAT | LEAVING AIR TEMPERATURE  |
| NC  | NOISE CRITERIA           |
| OA  | OUTSIDE AIR              |
| PSI | POUNDS PER SQUARE INCH   |
| RA  | RETURN AIR               |
| RTU | ROOFTOP UNIT             |
| SA  | SUPPLY AIR               |
| TYP | TYPICAL                  |
| WC  | WATER COLUMN             |
| WB  | WET BULB                 |

### GRILLES/DIFFUSERS:

|  |                                  |
|--|----------------------------------|
|  | SUPPLY DIFFUSER                  |
|  | SUPPLY DIFFUSER WITH 3-WAY THROW |
|  | SUPPLY DIFFUSER WITH 2-WAY THROW |
|  | SIDEWALL MOUNTED SUPPLY REGISTER |
|  | RETURN GRILLE                    |

### GENERAL REFERENCES/NOTATIONS:

|  |                                  |
|--|----------------------------------|
|  | MECHANICAL EQUIPMENT DESIGNATION |
|  | DIFFUSER DESIGNATION AND CFM     |
|  | NOTE DESIGNATION                 |
|  | REVISION DESIGNATION             |

### SYMBOLS LEGEND NOTES:

- REFER TO SPECIFICATIONS AND PLAN NOTES FOR DETAILED DESCRIPTION OF ALL DEVICES SHOWN IN THIS SCHEDULE, PROVIDED BY THIS CONTRACTOR.
- NOT ALL SYMBOLS AND/OR ABBREVIATIONS ARE NECESSARILY USED FOR THIS PROJECT.

## GENERAL NOTES

- CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPersed THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- PROVIDE TURNING VANES IN ALL SQUARE (90 DEGREE) ELBOWS.

## MECHANICAL SPECIFICATIONS

### DIVISION 15 SPECIFICATIONS

#### PART 1 - GENERAL

##### CONDITIONS

GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, SPECIAL CONDITIONS AND OTHER RELATED PORTION OF DIVISION 1, APPLY TO THIS SECTION.

##### SCOPE

FURNISH, INSTALL, TEST, GUARANTEE, AND PLACE INTO OPERATION, A COMPLETE, OPERABLE, AND APPROVED MECHANICAL SYSTEM, AS INDICATED OR DESCRIBED BY THE CONTRACT DOCUMENTS. SECURE AND PAY FOR ALL MATERIALS, EQUIPMENT, LABOR, SUPERVISORS, PERMITS, CERTIFICATES OF INSPECTION AND ALL OTHER COSTS REQUIRED.

##### REGULATIONS, PERMITS AND INSPECTIONS

REGULATIONS: COMPLY WITH ALL APPLICABLE CODES, RULES AND REGULATIONS, INCLUDING ALL BUILDING AND SAFETY LAWS RELATING TO BUILDING, PUBLIC HEALTH AND SAFETY.

CODES: ALL MATERIALS, EQUIPMENT AND WORK MUST BE CONFORM TO APPLICABLE CODES.

PERMITS: OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES.

INSPECTIONS: WHEN REQUIRED BY CODE, ALL WORK MUST BE INSPECTED AND APPROVED BY LOCAL AUTHORITIES. PRIOR TO FINAL APPROVAL, FURNISH THE ARCHITECT/OWNER WITH CERTIFICATES OF INSPECTION AND APPROVALS BY LOCAL AUTHORITIES.

##### DESIGN DRAWINGS

DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE ONLY INTENDED TO DEFINE THE BASIC FUNCTIONS REQUIRED. PROVIDE ALL WORK MATERIAL, ETC., NECESSARY TO ACCOMPLISH THESE REQUIREMENTS. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND ARE A PART OF THE WORK INCLUDED, HOWEVER, NO CHANGES THAT ALTER THE CHARACTER OF THE WORK WILL BE PERMITTED. DO NOT SCALE THE DESIGN DRAWINGS.

IF A CONFLICT OCCURS BETWEEN THE DESIGN DRAWINGS AND SPECIFICATIONS, PROMPTLY NOTIFY THE ARCHITECT OR ENGINEER. INTERPRETATION MADE SHALL BE CONSIDERED PART OF THE CONTRACT.

##### QUALIFICATION OF WORKMEN

USE SUFFICIENT JOURNEMEN CRAFTSMEN AND COMPETENT SUPERVISORS TO ENSURE PROMPT, PROPER, AND SAFE EXECUTION OF WORK.

##### SAFETY PRECAUTIONS

EXERCISE CAUTION AT ALL TIMES TO PROTECT ALL PERSONS AND PROPERTY. FURNISH A PLACE OF EMPLOYMENT WHICH IS FREE FROM RECOGNIZED HAZARDS THAT ARE LIKELY TO CAUSE DEATH OR SERIOUS INJURY OR HARM TO EMPLOYEES. FURNISH AND MAINTAIN GUARDS, RAILINGS, FENCES, CANOPIES, LIGHTS, WARNING SIGNS, ETC., WHICH ARE REQUIRED BY LAW OR NECESSARY TO PROTECT ALL PERSONS AND PROPERTY.

BE FAMILIAR WITH AND COMPLY WITH ALL APPLICABLE LOCAL/STATE CODES AND LAWS, AND IN PARTICULAR, THE CODES OF FEDERAL REGULATIONS, AS ADMINISTERED BY THE STATE.

#### PART 2 - PRODUCTS

##### GENERAL

UTILIZE NEW AND UNUSED PRODUCTS OF ESTABLISHED AND REPUTABLE AMERICAN AND FOREIGN MANUFACTURERS. ITEMS OF EQUIPMENT USED FOR SIMILAR PURPOSES SHALL BE PRODUCTS OF THE SAME MANUFACTURER.

SYSTEM SHALL BE COMPLETE AND OPERABLE. ANY ACCESSORIES REQUIRED FOR THE OPERATION OF THE SYSTEMS SHALL BE INCLUDED AS THOUGH SPECIFICALLY INDICATED TO BE PROVIDED. SUCH ACCESSORIES WOULD INCLUDE FILTERS, CONTROL PANELS, TIMECLOCKS, CONDENSATE DRAINS, RELIEF VALVES, SERVICE VALVES, THERMOSTATS, VIBRATION ISOLATORS, ETC. MOTOR STARTERS FOR PREWIRED EQUIPMENT (AND OTHER PROTECTION AND CONTROL DEVICES) ARE ALSO INCLUDED IN THIS SPECIFICATION. STARTERS FOR NON-PREWIRED EQUIPMENT, I.E. FANS, PUMPS, ETC., ARE SPECIFIED IN ELECTRICAL SHEET SPECIFICATIONS.

SPECIFIC REFERENCE TO A MANUFACTURER'S PRODUCT IS ONLY TO ESTABLISH TYPE, QUALITY, AND PERFORMANCE REQUIRED. THESE QUALIFICATIONS ARE IN ADDITION TO THE REQUIREMENTS SHOWN ON THE PLANS AND ELSEWHERE IN THESE SPECIFICATIONS. LISTING OF ALTERNATE EQUIPMENT MANUFACTURERS SHALL NOT BE CONSTRUED AS AN UNCONDITIONAL APPROVAL OF THE PRODUCTS OF THOSE MANUFACTURERS.

PROVIDE OPERATION AND MAINTENANCE DOCUMENTATION TO THE OWNER THAT INCLUDE EQUIPMENT CAPACITY AND REQUIRED MAINTENANCE ACTIONS.

##### EXHAUST FANS

CENTRIFUGAL TYPE WITH ADJUSTABLE BELT-DRIVEN OR DIRECT-DRIVEN DRIVE (AS INDICATED ON THE DRAWINGS), STATICALLY AND DYNAMICALLY BALANCED. CEILING OR ROOF MOUNTED AS INDICATED ON THE DRAWINGS.

##### DUCTWORK

SHEETMETAL DUCTWORK: PROVIDE SHEETMETAL DUCTWORK FABRICATED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS, FOR 1" W.G. PRESSURE CLASS, SEAL CLASS "A". SHEETMETAL SHALL BE GALVANIZED SHEET STEEL OF LOCK FORMING QUALITY, WITH 90 ZINC COATING. SHEET STEEL SHALL COMPLY WITH ASTM A653 STANDARD SPECIFICATION FOR STEEL SHEETMETAL, ZINC COATED (GALVANIZED) OR ZINC-IRON ALLOY-COATED (GALVANNEALD) BY THE HOT DIP PROCESS, AND A924 STANDARD SPECIFICATION FOR GENERAL REQUIREMENTS FOR SHEET, METALLIC-COATED BY THE HOT DIP PROCESS. ALL ANGLE IRON USED FOR SUPPORT SHALL BE GALVANIZED. CONNECTIONS TO WALLS OR FLOOR SHALL BE AIR TIGHT WITH ANGLE IRON AND CAULKING. SEAL ALL DUCT SEAMS, TRANSVERSE AND LONGITUDINAL, AIR TIGHT. PROVIDE TURNING VANES AT ALL 90° ELBOWS.

FLEXIBLE DUCT: PROVIDE FACTORY ASSEMBLED CLASS 1 AIR DUCT (UL 181) WITH 1" THICK 1 PCF FIBERGLASS INSULATION AND REINFORCED OUTER PROTECTIVE COVER/VAPOR BARRIER. FLEXIBLE DUCT SHALL MEET NFPA 90A WITH FLAME SPREAD UNDER 25, SMOKE DEVELOPED UNDER 50, AND SHALL BE RATED FOR MINIMUM 2" W.G. PRESSURE AND 0 TO 250°F TEMPERATURE. PROVIDE SCREW-OPERATED METAL ADJUSTABLE CLAMPING DEVICES. USE TWIST-LOCK TAP COLLARS AT CONNECTIONS INTO SHEETMETAL DUCTWORK. MAXIMUM EXTENDED LENGTH OF FLEXIBLE DUCT SHALL NOT EXCEED 6 FEET.

FLEXIBLE DUCT CONNECTORS: PROVIDE U.L. LABELED 30 OUNCE NEOPRENE COATED FIBERGLASS FABRIC DUCT CONNECTORS AT DUCT CONNECTIONS TO ALL VIBRATING EQUIPMENT.

DUCT TURNING VANES: PROVIDE FABRICATED TURNING VANES AND VANE RUNNERS, CONSTRUCTED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS". PROVIDE TURNING VANES CONSTRUCTED OF CURVED BLADES, SUPPORTED WITH BARS PERPENDICULAR TO BLADES, AND SET INTO SIDE STRIPS SUITABLE FOR MOUNTING IN DUCTWORK. FOLLOW SMACNA GUIDELINES FOR SPACING SUPPORT, AND CONSTRUCTION. ALL BLADES SHALL BE DOUBLE THICKNESS AIRFOIL TYPE.

##### DUCT INSULATION

DUCT INSULATION (ALL SUPPLY DUCT, ROUND RETURN, AND EXHAUST DUCT LOCATED ABOVE CEILING): PROVIDE MINIMUM 1-1/2" THICK BLANKET TYPE FIBERGLASS INSULATION COMPLYING WITH ASTM C-553, TYPE II, WITH FACTORY APPLIED KRAFT BONDED TO ALUMINUM FOIL, REINFORCED WITH FIBERGLASS VAPOR BARRIER/JACKET. JACKET SHALL CONFORM TO ASTM C-1136, TYPE II.

DUCT LINER (ALL RECTANGULAR RETURN DUCT AND EXPOSED RECTANGULAR SUPPLY DUCT): PROVIDE MINIMUM 1" THICK, 2 PCF DENSITY, NEOPRENE COATED, LONG TEXTILE FIBER TYPE DUCT LINER, WITH COATING ON THE AIR STREAM SIDE CONFORMING TO NFPA 90A. DUCT LINER ADHESIVE SHALL BE AS RECOMMENDED BY DUCT LINER MANUFACTURER, AND SHALL COMPLY WITH ASTM C-916. DUCT LINER FASTENERS SHALL COMPLY WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS", LATEST EDITION.

##### FLUE VENTS

PROVIDE TYPE 'B' VENTS WHERE REQUIRED. EXTEND UP THROUGH ROOF AND TERMINATE WITH ROOF JACK, STORM COLLAR AND ALL WEATHER CAP. TERMINATE PER CODE, A MINIMUM OF 36" ABOVE ANY INTAKE WITHIN 10'-0". APPLY RTV SILICONE ADHESIVE SEALANT LIBERALLY AT ALL VENT PIPE JOINTS AND 1" (25MM) THICK PIPE INSULATION WRAPPED AROUND SINGLE WALL SHEET METAL VENT PIPE PER MANUFACTURER REQUIREMENTS.

##### PIPING

##### GENERAL

##### PIPE HANGERS

PIPING 4" AND SMALLER: USE ADJUSTABLE SPLIT RING, AUTOGRIP OR ADJUSTABLE STEEL CLEVIS HANGERS WITH THREADED SOLID STEEL HANGER RODS.

GROUPED PIPING; TRAPEZE TYPE HANGERS WITH ROLLERS MAY BE USED WHERE 2 OR MORE PIPES RUN PARALLEL TO EACH OTHER. SUBMIT SHOP DRAWINGS OF ALL TRAPEZE HANGERS FOR APPROVAL BEFORE PROGRESSING WITH ANY WORK.

SIZE ALL HANGERS ON INSULATED PIPING TO FIT OUTSIDE COVERING.

##### HANGER ROD SIZES:

|                       |                       |
|-----------------------|-----------------------|
| PIPE SIZES:           | ROD DIAMETER (INCHES) |
| 2 INCHES AND SMALLER  | 3/8"                  |
| 2-1/2 INCH AND 3 INCH | 1/2"                  |
| 4 INCH                | 5/8"                  |

##### HANGER ROD SPACING (HORIZONTAL PIPING):

|                                      |                     |
|--------------------------------------|---------------------|
| PIPE                                 | MAX. HANGER SPACING |
| STEEL PIPE 3/4 INCH AND SMALLER      | 6 FEET ON CENTER    |
| STEEL PIPE 1 INCH                    | 8 FEET ON CENTER    |
| STEEL PIPE 1-1/4 INCH THRU 4 INCH    | 10 FEET ON CENTER   |
| COPPER TUBING 1-1/4 INCH AND SMALLER | 6 FEET ON CENTER    |
| COPPER TUBING 1-1/2 INCH AND LARGER  | 8 FEET ON CENTER    |

##### INSTALLATION OF HANGERS AND SUPPORTS:

PROVIDE HANGERS AT ALL OFFSETS, TEES, WITHIN 12" OF ALL HORIZONTAL ELBOWS, AND ELSEWHERE AS HEREIN DESCRIBED.

##### PIPE INSULATION

HVAC PIPING: 1/2" FIBERGLASS PREMOULDED INSULATION WITH ALL SERVICE JACKETS, MINIMUM DENSITY OF 3.5 PCF THERMAL CONDUCTIVITY ("K" FACTOR) OF .24 AT A MEAN TEMPERATURE OF 85 DEGREE FAHRENHEIT PROVIDE AN ADDITIONAL 8 OZ. CANVAS JACKET WITH ARABOL FINISH AROUND EXPOSED PIPE INSULATION.

DO NOT INSULATE FREQUENTLY SERVICED COMPONENTS, SUCH AS CONTROL VALVES, STEAM TRAPS, PUMPS, ETC. ALSO DO NOT INSULATE ADJACENT SERVICE UNIONS AND FLANGES. TERMINATE INSULATION WITH 45 TAPER AND CANVAS JACKET.

CLEAN-UP: ALL UNINSULATED FITTINGS, MATERIALS, EQUIPMENT AND STRUCTURES SHALL BE LEFT FREE AND CLEAR OF INSULATING AND COATING MATERIALS.

##### GRILLES, REGISTERS, AND DIFFUSERS

DIFFUSERS: RECTANGULAR FIXED PATTERN TYPE (FACE PATTERN SHALL BE SELECTED TO SUIT AIR PATTERN REQUIRED). REMOVABLE CORE/OPOSED BLADED VOLUME CONTROL/ENAMEL FINISH.

RETURN AIR FILTER GRILLES: FIXED BARS AT APPROXIMATELY 40 DEGREES, WITH HINGED FACE, OR PERFORATED PLATE TO MATCH SUPPLY DIFFUSER, OR 1/2" X 1/2" X 1/2" "EGGCRATE". ALUMINUM OR ENAMELED STEEL.

AIR DISTRIBUTION DEVICES SHALL BE SELECTED AND SIZED IN ACCORDANCE WITH THE REQUIREMENTS OF EACH APPLICATION. DEVICES, GENERALLY, SHALL PROVIDE UNIFORM, DRAFT-FREE, AND QUIET AIR DISTRIBUTION. ALL DEVICES SHALL HAVE RIGID FRAMES, COMPATIBLE WITH THE SURFACE OR STRUCTURE. DEVICES SHALL BE MANUFACTURED BY KRUEGER, TITUS, METALAIRE OR TUTTLE & BAILEY.

##### TEMPERATURE CONTROLS AND WIRING

WIRING IS INCLUDED UNDER THE ELECTRICAL DIVISION OF THE SPECIFICATIONS BUT ALL INTEGRAL STARTERS, CONTROLS (INCLUDING THERMOSTAT WIRING), RELAYS AND OTHER DEVICES ARE INCLUDED UNDER THE MECHANICAL DIVISION. ALL EQUIPMENT, DEVICES AND WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE. ALL CONTROLS SHALL BE FURNISHED AND PROPERLY IDENTIFIED WITH INSTRUCTIONS FOR PROPER CONNECTIONS, RESPONSIBILITY FOR PROPER CONNECTIONS AND OPERATION IS INCLUDED UNDER THE MECHANICAL CONTRACTORS RESPONSIBILITY. VERIFY ALL VOLTAGES, PHASES AND ELECTRICAL CONNECTIONS WITH THE ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT, AND IF ANY DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR HIS DECISION.

##### AIR SYSTEM BALANCING

GENERAL: THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT, CONDUCTED AND PREPARED BY A QUALIFIED THIRD PARTY, OF HEATING, VENTILATING, AND AIR MOVING EQUIPMENT AND AIR DISTRIBUTING OR EXHAUSTING SYSTEMS.

MATERIALS: ALL INSTRUMENTS USED BY THIS AGENCY SHALL BE ACCURATELY CALIBRATED AND MAINTAINED IN GOOD WORKING ORDER. IF REQUESTED, CONDUCT THE TESTS IN PRESENCE OF THE ARCHITECT AND/OR THE MECHANICAL ENGINEER RESPONSIBLE FOR THE PROJECT AND/OR HIS REPRESENTATIVE. DO NOT BEGIN AIR BALANCING AND TESTING UNTIL SYSTEM HAS BEEN COMPLETED AND IS IN FULL WORKING ORDER. PUT ALL HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS AND EQUIPMENT INTO FULL OPERATION AND CONTINUE THE OPERATION OF SAME DURING EACH WORKING DAY OF TESTING AND BALANCING OF THE AIR CONDITIONING, HEATING AND VENTILATING SYSTEMS. THE AIR BALANCE AGENCY SHALL PROVIDE PROOF OF HAVING SUCCESSFULLY COMPLETED AT LEAST FIVE PROJECTS OF SIMILAR SIZE AND SCOPE AND SHALL BE A CERTIFIED MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL OR NEBB. SUBMIT THE TEST AND BALANCE CONTRACT TO THE ARCHITECT FOR APPROVAL WITHIN 90 DAYS AFTER THE AIR CONDITIONING CONTRACTOR HAS RECEIVED HIS CONTRACT TO PROCEED WITH THE AIR CONDITIONING INSTALLATION TO ALLOW AIR BALANCE AGENCY TO SCHEDULE THIS WORK IN COOPERATION WITH OTHER TRADES INVOLVED, AND COMPLY WITH THE COMPLETION DATE.

AIR BALANCING: UPON COMPLETION OF THE AIR CONDITIONING SYSTEM, THE AIR BALANCE AGENCY SHALL PERFORM THE TEST, COMPIL THE TEST DATA, AND SUBMIT FIVE (5) COPIES OF THE COMPLETE TEST DATA TO THE ENGINEERS FOR EVALUATION AND APPROVAL. AIR BALANCE AGENCY SHALL BALANCE PROJECT TO JOBSITE CONDITIONS WHICH INCLUDES BUT IS NOT LIMITED TO SUPPLYING AND

CHANGING OUT BELTS AND/OR PULLEYS AS NECESSARY.

#### PART 3 - EXECUTION

##### GENERAL

INSTALL MATERIALS AND EQUIPMENT IN AN ARRANGEMENT WHICH WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE BY THE OWNER. MAKE NO EQUIPMENT SUBSTITUTIONS WHICH WOULD LEAVE INADEQUATE OPERATING AND/OR SERVICING SPACE.

INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS AND ALL MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES.

PERFORM ALL WORK IN ACCORDANCE WITH THE BEST TRADE PRACTICES. INSTALL ALL MATERIALS AND EQUIPMENT SQUARELY WITH THE BUILDING LINES. PROVIDE SILICONE, RIGID, PERMANENT BASES AND SUPPORTS FOR ALL WORK.

CONSTRUCT AND BRACE EQUIPMENT, PIPING, ETC., SO THAT THERE WILL BE NO VIBRATION OR RATTLING WHEN THE SYSTEM IS IN OPERATION.

COVER AND PROTECT ALL EQUIPMENT AND MATERIALS FROM WEATHER, THEFT, ETC., UNTIL DATE OF COMPLETION. PLUG OR CAP ALL OPEN ENDS OF INSTALLED PIPING OR DUCTWORK.

##### DUCTWORK

CONSTRUCT DUCTWORK WITH MATERIAL GAUGES, JOINTS, BRACING AND SUPPORTS IN ACCORDANCE WITH APPLICABLE RECOMMENDATIONS OF ASHRAE AND SMACNA, WITH ADDITIONAL BRACING AS REQUIRED.

DUCTWORK SHALL BE RIGIDLY CONSTRUCTED AND AIR TIGHT. JOINTS SHALL BE TIGHTLY FITTED WITH NO VOIDS. MINOR GAPS SHALL BE CLOSED WITH CANVAS TAPE SET INTO AND SEALED WITH BRUSH APPLIED ADHESIVE, OR WITH SILICONE CAULKING COMPOUND. DO NOT UTILIZE PRESSURE SENSITIVE TAPE.

SEAL ALL JOINTS OF DUCTWORK ABOVE ROOF WITH GLASS FIBER TAPE EMBEDDED IN ROOFING CEMENT. APPLY SECOND COAT OF CEMENT AFTER FIRST HAS SET AND FINISH WITH TWO COATS OF ALUMINUM ROOFING PAINT.

MAKE CONNECTIONS BETWEEN FLEXIBLE DUCTS AND RIGID TRUNK DUCTS WITH FACTORY FABRICATED FITTINGS WITH DAMPER (WHERE "TAP-INS" SERVE SINGLE OUTLETS, AND WHERE TAP-IN DAMPER IS ACCESSIBLE, OUTLET DAMPER MAY BE OMITTED).

ELBOWS SHALL HAVE A THROAT RADIUS EQUAL TO DUCT WIDTH. SQUARE ELBOWS SHALL HAVE TURNING VANES. TRANSITIONS SHALL NOT EXCEED 4 TO 1 RATIO.

IF OBSTRUCTIONS REQUIRE A CHANGE IN DUCT SHAPES, MAINTAIN EQUIVALENT AREAS. ALL SIZES SHOWN ON THE DRAWINGS ARE NET DIMENSIONS INSIDE THE INSULATION.

##### AIR DISTRIBUTION DEVICES

INSTALL TIGHTLY AND SQUARE WITH BUILDING LINES. FLANGED DEVICES SHALL BE SEALED AIR TIGHT WITH SPONGE RUBBER GASKETS. ADJUST BLADES AND DAMPERS FOR PROPER AIR DISTRIBUTION. VERIFY EXACT POSITIONING OF ALL EQUIPMENT WITH ARCHITECTURAL DRAWINGS AND NOTES.

##### PIPING

CONCEAL ALL PIPING IN WALLS, FURRED SPACES, PIPE SPACES, OR ABOVE SUSPENDED CEILING, AS SHOWN ON THE DRAWINGS. GROUP PIPING WHENEVER PRACTICAL AND INSTALL UNIFORMLY IN STRAIGHT PARALLEL LINES, SQUARELY WITH BUILDING LINES.

PROVIDE ADEQUATE SPACE BETWEEN PIPES SO THAT INSULATION MAY BE APPLIED WHERE NECESSARY. INSTALL ALL EXPOSED PIPING AS CLOSE AS PRACTICAL TO WALLS, COLUMNS, OR OVERHEAD CONSTRUCTION TO PROVIDE MAXIMUM HEAD ROOM AND MINIMUM INTERFERENCE WITH USABLE BUILDING SPACE.

VERIFY ALL EQUIPMENT DIMENSIONS AND REQUIREMENTS FOR ROUGH-IN WORK. BENDING OR OFFSETTING OF FINISHED PIPING CONNECTIONS AND "COCKING" OF FITTINGS OR TRIM WILL NOT BE ACCEPTABLE. DO NOT SUPPORT ANY PIPING WEIGHT FROM EQUIPMENT.

SUPPORT HORIZONTAL PIPING WITH PIPE HANGERS. DO NOT USE PERFORATED METAL TAPE. ARRANGE PIPING SO THAT THERMAL EXPANSION DOES NOT CAUSE STRESS. INSTALL AND SECURE PIPING SO THAT HOT AND COLD LINES, AND LINES OF DISSIMILAR METALS ARE NOT IN CONTACT.

##### ROUGH-IN AND FINAL CONNECTIONS

PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR ALL FIXTURE AND EQUIPMENT REQUIREMENTS. THE CONTRACT DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF THE REQUIRED ROUGH-IN, HOWEVER, ALL DETAILS AND DIMENSIONS SHALL BE DETERMINED FROM INFORMATION OBTAINED FROM THE SUPPLIER OF THE ITEM. THIS REQUIREMENT APPLIES EQUALLY TO EQUIPMENT FURNISHED BY OWNER OR OTHER CONTRACTORS.

##### FOAM INSULATION:

COVER TRANSVERSE JOINTS AND LARGER TEARS OR PENETRATIONS WITH 4" WIDE TAPE. SECURE LAP OF FACING AND TAPE WITH FULL COVERAGE OF ADHESIVE AND OUTWARD CLUNG STAPLES. INSULATE FITTINGS WITH MITERED SECTIONS OF PIPE INSULATION. NOTE: IF PRESSURE SENSITIVE ADHESIVE IS UTILIZED, LAPS SHALL BE SECURED WITH METAL BANDS AT 18" CENTERS.

INSULATE FITTINGS WITH MITERED SECTIONS OF PIPE INSULATION, PREMOULDED FITTINGS, OR WRAP WITH FIBERGLASS WOOL TO A THICKNESS EQUAL TO THE ADJOINING PIPE INSULATION. SECURE INSULATION WITH MULTIPLE WRAPS OF GLASS OR JUTE TWINE. SMOOTH OUT SURFACE WITH 1/8 FOSTER 60-25 MASTIC. WHILE MASTIC IS STILL WET, EMBED A GLASS MEMBRANE FABRIC AND THEN APPLY AN ADDITIONAL 1/8" COAT OF MASTIC.

COVER ALL EXPOSED INSULATION AND ALL INSULATED FITTINGS WITH 8 OUNCE CANVAS JACKET. (FOUR OUNCE CANVAS MAY BE USED ON FITTINGS 1-1/2" AND SMALLER). SATURATE CANVAS WITH FOSTER 30-36 COATING, DILUTED WITH WATER, ONE PART WATER TO THREE PARTS COATING. APPLY CANVAS SMOOTHLY WITH LAP PLACED NEXT TO WALL OR CEILING AND FINISH WITH A FINAL COAT OF UNDILUTED COATING. FINAL COATING SHALL BE OF SUFFICIENT THICKNESS TO FILL ALL LAPS AND CLOTH TEXTURE. PROTECT INSULATION OUTDOORS WITH AN 0.016" THICK ALUMINUM JACKET WITH 2" LAPS AND SECURED WITH BANDS ON 12" CENTERS.

FLEXIBLE FOAM: SLIP INSULATION OVER PIPING PRIOR TO ASSEMBLY. DO NOT SLIT INSULATION LENGTHWISE. SOLVENT WELD ALL JOINTS. DO NOT USE TAPE TO SECURE INSULATION.

##### EXISTING CONDITIONS

THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE SITE FOR WORK HE MUST PERFORM, IN ADDITION TO WHAT IS SHOWN HEREIN, AND INCLUDE IN HIS BID AN AMOUNT TO DO SUCH WORK.

##### SUBSTITUTIONS

SUBMITTAL OF EQUIPMENT BY OTHER ACCEPTABLE MANUFACTURERS MUST BE COMPLETE IN EVERY DETAIL INCLUDING SPACE REQUIREMENTS, WEIGHT, COMPLETE PERFORMANCE DATA AND SUPPLEMENTAL DATA REQUIREMENTS DETAILED IN THIS AND OTHER SECTIONS, WILL FIT SPACE AS SHOWN ON THE DRAWINGS.

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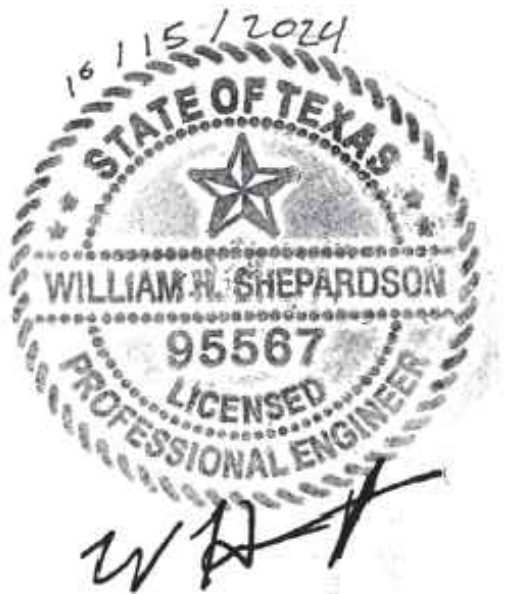
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Architect In Charge  
License: 17287

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Cleveland, OH 44113  
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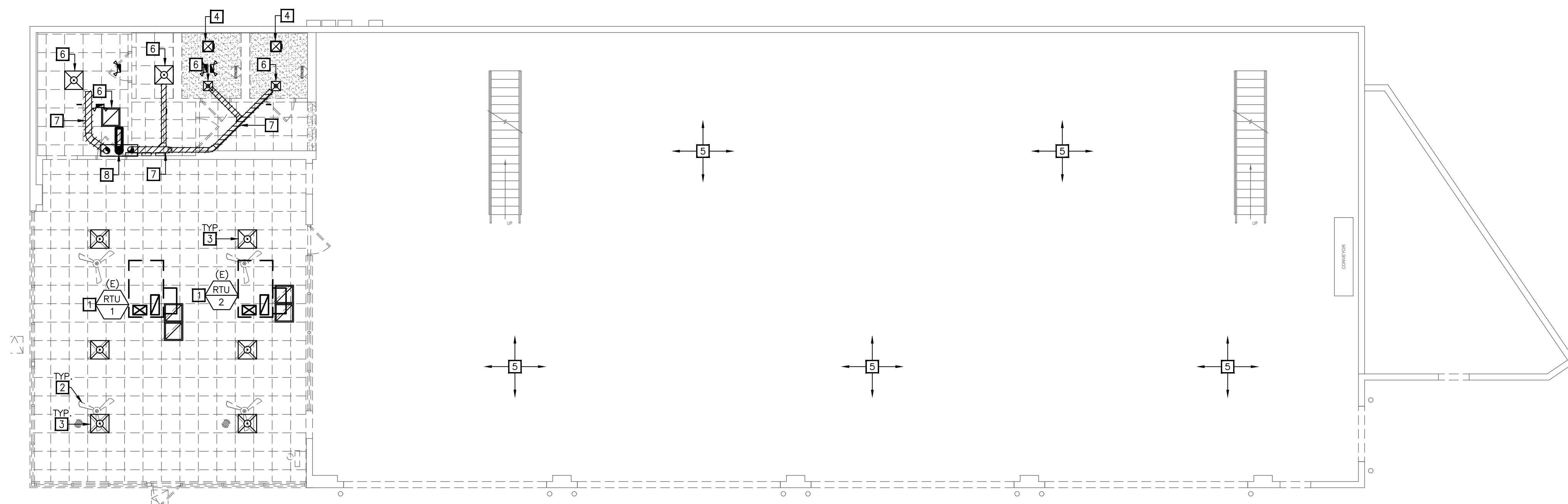
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| DATE           | 10/08/2024 |
| DRAWN BY       | KML        |
| CHECKED BY     | WHS        |

SHEET NAME  
MECHANICAL SPECIFICATIONS

SHEET #  
MO.0

MECHANICAL DEMOLITION KEY NOTES

- 1 EXISTING ROOFTOP UNIT TO REMAIN. VERIFY EXACT SIZE AND LOCATION OF EQUIPMENT IN FIELD PRIOR TO BID.
- 2 REMOVE EXISTING CEILING FAN.
- 3 REMOVE EXISTING AIR DEVICE. MAINTAIN AND PROTECT ASSOCIATED BRANCH DUCTWORK FOR FUTURE CONNECTION.
- 4 REMOVE EXISTING EXHAUST FAN. MAINTAIN AND PROTECT ASSOCIATED BRANCH DUCTWORK FOR FUTURE CONNECTION.
- 5 NO WORK IN THIS AREA.
- 6 REMOVE EXISTING AIR DEVICE. REMOVE ASSOCIATED BRANCH DUCT BACK TO MAIN AND CAP.
- 7 DEMO EXISTING SUPPLY BRANCH DUCTWORK BACK TO SUPPLY DROP IN CHASE. SEE SHEET M2.0 FOR NEW DUCTWORK LOCATION.
- 8 DEMO EXISTING RETURN BRANCH DUCTWORK AND RETURN DUCT DROP COMPLETELY AND CAP BACK AT EXISTING RETURN MAIN.



 NORTH  
TRUE

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

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SHEET NAME  
 MECHANICAL DEMOLITION PLANS

SHEET #  
 M1.0

**MECHANICAL KEY NOTES**

- 1 EXISTING ROOFTOP UNIT & ASSOCIATED DUCTWORK TO REMAIN. VERIFY EXACT LOCATION OF EQUIPMENT & DUCT IN FIELD PRIOR TO BID.
- 2 RELOCATE EXISTING CEILING TEMPERATURE SENSOR. VERIFY OPERATION OF ALL CONTROLS AND REPLACE IF REQUIRED.
- 3 RELOCATE EXISTING T'STAT TO LOCATION SHOWN. EXTEND NEW CONTROL WIRING FROM SENSORS TO T'STAT AND RTU AS/IF REQUIRED.
- 4 COORDINATE WITH ELECTRICAL CONTRACTOR AND INSTALL SALES AREA CEILING FANS. REFER TO ARCHITECTURAL PLANS AND DETAILS.
- 5 INSTALL NEW AIR DEVICE IN CEILING GRID. REWORK EXISTING FLEX DUCT AS/IF REQUIRED TO CONNECT TO AIR DEVICE. REBALANCE AIR QUANTITIES AS/IF REQUIRED. VERIFY LOCATION OF EXISTING DUCTWORK IN FIELD PRIOR TO BID.
- 6 INSTALL NEW EXHAUST FAN IN GYPSUM CEILING. REWORK FLEX DUCT AS/IF REQUIRED TO CONNECT TO EXHAUST FAN. VERIFY LOCATION IN FIELD PRIOR TO BID.
- 7 INSTALL OWNER FURNISHED CEILING MOUNTED EXHAUST FAN. TRANSITION FROM FAN DISCHARGE TO DUCT SIZE SHOWN AND EXTEND UP THROUGH CHASE TO ROOF. CONTRACTOR TO VERIFY DUCT SIZE SHOWN IS CAPABLE OF FITTING THROUGH EXISTING CHASE. PROVIDE A ROOF JACK, STORM COLLAR, AND ALL-WEATHER CAP.
- 8 UNDERCUT DOOR 1" FOR TRANSFER AIR.
- 9 ARCHITECTURAL PROVIDED DOOR LOUVER. REFER TO ARCHITECTURAL DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- 10 EXTEND AND CONNECT NEW SUPPLY BRANCH INTO EXISTING SUPPLY DROP IN THIS AREA. VERIFY EXACT SIZE AND LOCATION OF EXISTING SUPPLY IN FIELD PRIOR TO BID.
- 11 EXTEND AND CONNECT NEW RETURN BRANCH INTO EXISTING RETURN DROP IN THIS AREA. VERIFY EXACT SIZE AND LOCATION OF EXISTING RETURN IN FIELD PRIOR TO BID.

**GENERAL NOTES**

- A. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- B. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- C. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- D. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- E. PROVIDE TURNING VANES IN ALL SQUARE (90 DEGREE) ELBOWS.

**THERMOSTAT PROGRAMMING**

PROGRAM SHOWROOM AND OFFICE THERMOSTATS AS FOLLOWS:

**COOLING**  
 MONDAY THROUGH SATURDAY 5:30 AM TO 7:00 PM = 72°F.  
 (SETBACK TO 82°F OTHERWISE).

**HEATING**  
 MONDAY THROUGH SATURDAY 5:30 AM TO 7:00 PM = 67°F.  
 (SETBACK TO 57°F OTHERWISE).

**OWNER FURNISHED EQUIPMENT**

THE FOLLOWING HVAC COMPONENTS SHALL BE FURNISHED BY OWNER, AND INSTALLED BY THE MECHANICAL CONTRACTOR. CONTRACTOR SHALL PROVIDE ONE YEAR LABOR WARRANTY ON ALL OWNER FURNISHED EQUIPMENT:

- ALL EXHAUST AND VENTILATION FANS
- ALL PROGRAMMABLE THERMOSTATS AND REMOTE SENSORS
- ALL SUPPLY AND CEILING FANS (HVL'S FANS INSTALLED BY OTHERS)

THE OWNER SHALL FURNISH ALL ACCESSORIES LISTED IN THE EQUIPMENT SCHEDULES. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ACCESSORIES, MOUNTING HARDWARE, AND OTHER APPURTENANCES REQUIRED FOR INSTALLATION AND NOT LISTED IN THE SCHEDULES.

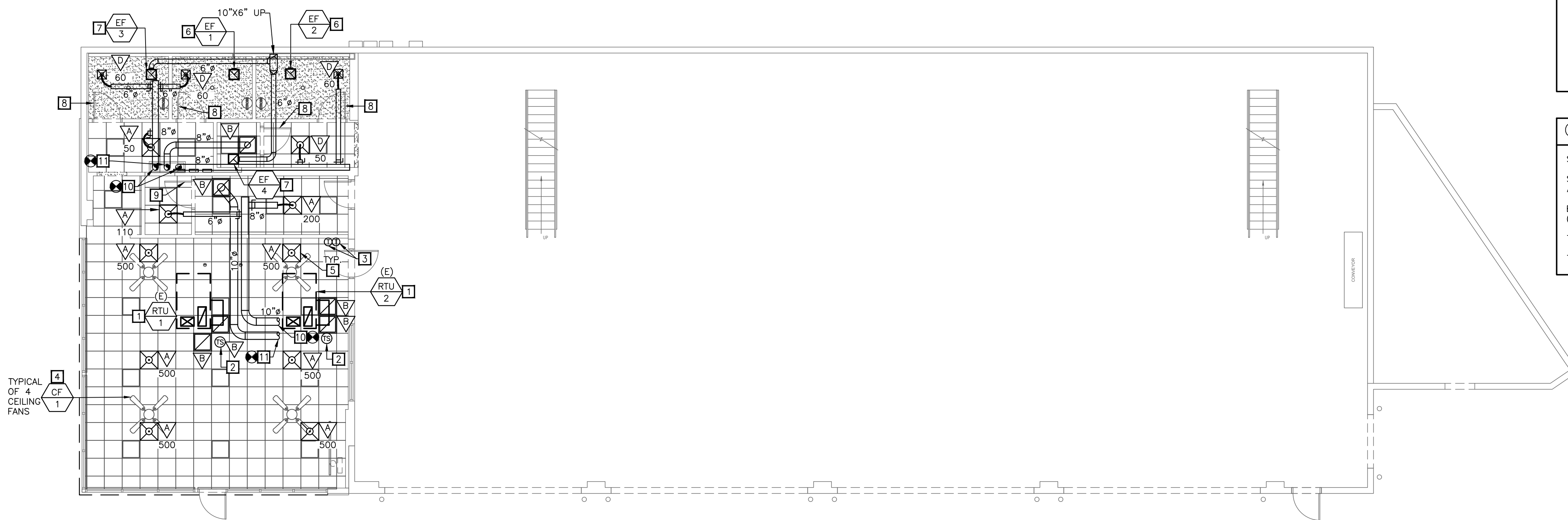
**OUTDOOR AIR CALCS - 2018 IMC**

SALES = 1207 SQUARE FEET

- SALES VENTILATION RATE:
- A. 15 PERSONS PER 1000 SF = 1,207 X 15 = 19 PERSONS.  
 19 PERSONS X 7.5 CFM EACH = 143 CFM REQUIRED.
  - B. 1207 SF X 0.12 CFM PER SF = 145 CFM REQUIRED.  
 (A + B)/0.8 = 360 CFM REQUIRED.

TOTAL REQUIRED FOR SALES = 360 CFM.

TOTAL OUTDOOR AIR PROVIDED (RTU-1 & 2) = 360 CFM.

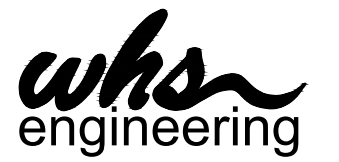


**01 FIRST FLOOR MECHANICAL PLAN**  
 1/8" = 1'-0"  
 NORTH TRUE

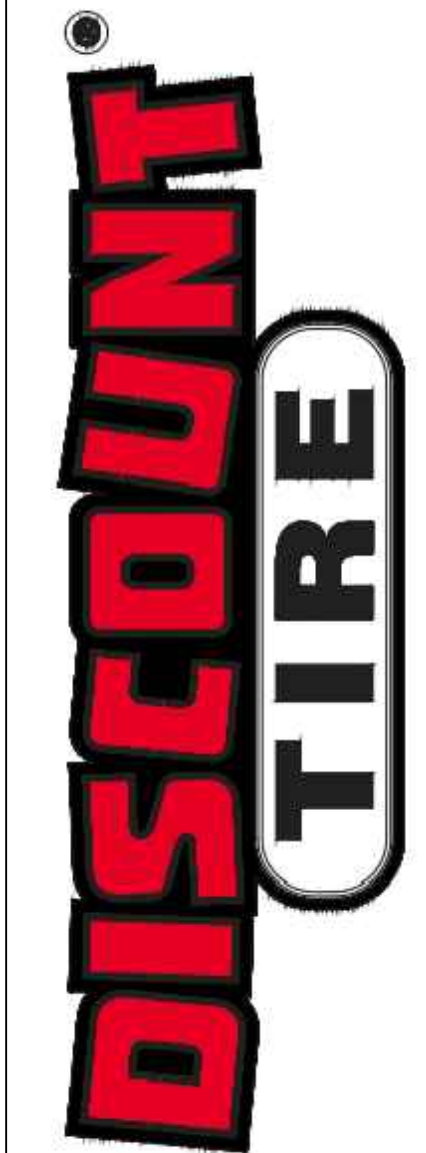
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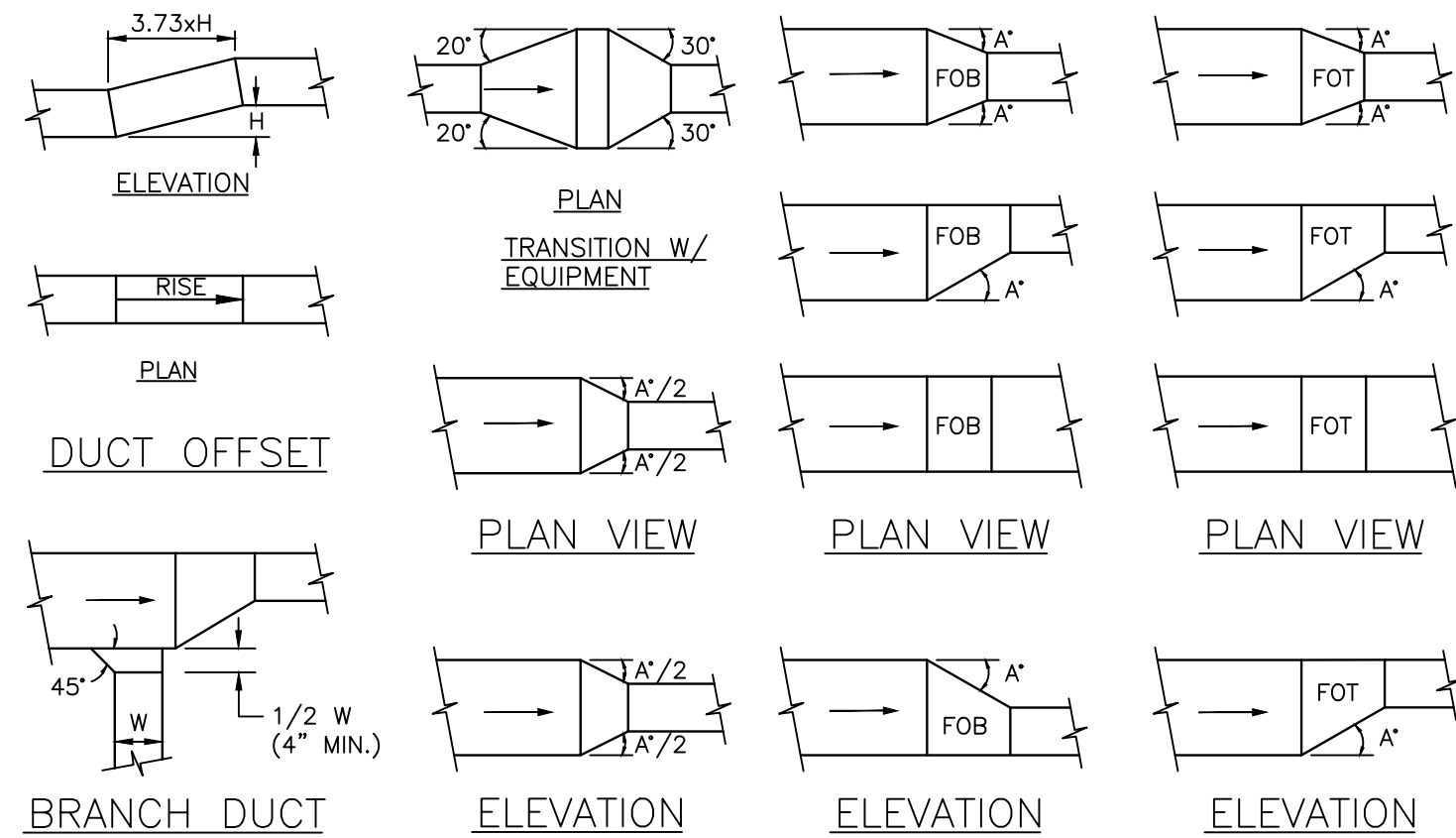
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SHEET NAME

MECHANICAL PLAN

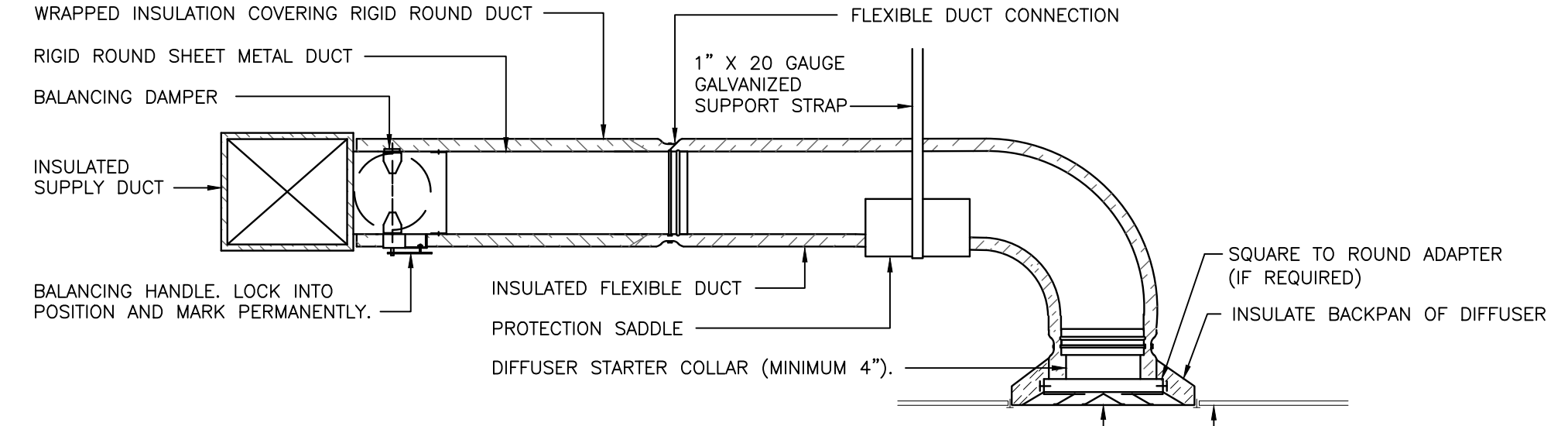
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M2.0



NOTES: 1) ANGLE A = 30° WHEN AIR FLOWS IN DIRECTION OF ARROW (SUPPLY AIR).  
 2) ANGLE A = 20° WHEN AIR FLOWS IN OPPOSITE DIRECTION OF ARROW (RETURN OR EXHAUST).

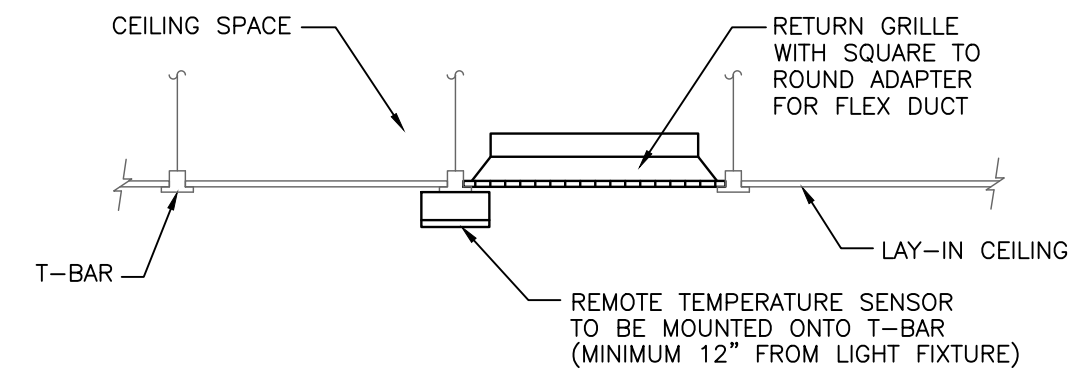
01 LOW VELOCITY DUCT FITTINGS DETAIL  
 NOT TO SCALE



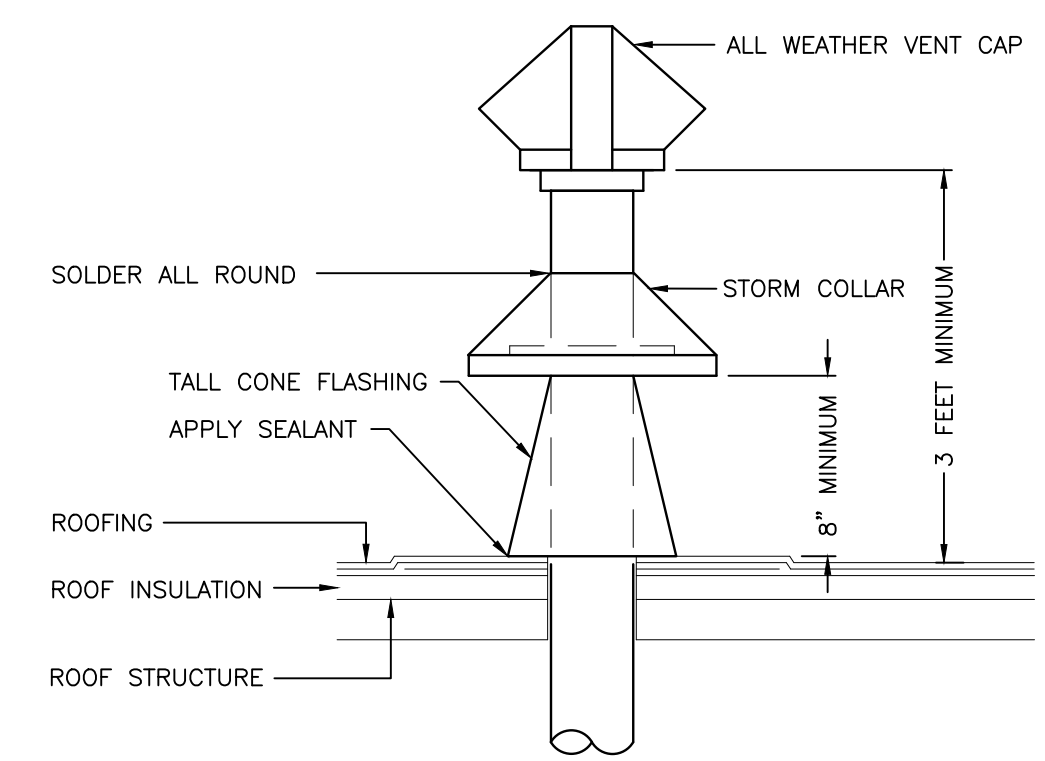
NOTES: 1) PROVIDE METAL OR "PANDUIT" DRAW BAND AT FLEXIBLE DUCT CONNECTION ON INTERIOR FLEXIBLE DUCT HELIX. SECURE INSULATION OVER DRAW BAND WITH ADDITIONAL DRAW BAND.  
 2) PROVIDE BEADING ON ROUND METAL DUCT 12" OR LARGER IN DIAMETER.  
 3) PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.  
 4) BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

FLEXIBLE DUCTS SHALL NOT EXCEED 6'-0" IN LENGTH.

02 DIFFUSER CONNECTION DETAIL  
 NOT TO SCALE



03 TEMPERATURE SENSOR MOUNTING DETAIL  
 REFER TO SHEET M1.0



| EXISTING ROOFTOP UNIT SCHEDULE |          |
|--------------------------------|----------|
| MARK(RTU-#)                    | 1,2      |
| MANUFACTURER                   | CARRIER  |
| MODEL                          | 50HJ006  |
| AIR FLOW (CFM)                 | 1,950    |
| OA FLOW (CFM)                  | 100      |
| AMBIENT OAT (°F)               | -        |
| EXT. S.P. (IN W.C.)            | -        |
| DX COOLING COIL                | -        |
| EAT (°FDB/WB)                  | -        |
| TOTAL (BTU/HR)                 | -        |
| SENSIBLE (BTU/HR)              | -        |
| ELECTRIC AUX HEAT              | -        |
| FUEL                           | ELECTRIC |
| INPUT (WATTS)                  | -        |
| OUTPUT (BTU/HR)                | -        |
| ELECTRICAL                     | -        |
| VOLTS/Ø/HZ                     | 208/3/60 |
| MOTOR (HP)                     | -        |
| MCA (AMPS)                     | -        |
| MCCP (AMPS)                    | -        |
| APPROX. WEIGHT (LBS)           | -        |
| EER/SEER                       | -        |
| NOTES                          | 1        |

NOTES:  
 1. EXISTING ROOFTOP UNIT TO REMAIN.

04 EXHAUST DUCT ROOF DETAIL  
 NOT TO SCALE

| GRILLE, REGISTER, AND DIFFUSER SCHEDULE |             |                                 |             |
|---|-------------|---------------------------------|-------------|
| MARK                                    | A           | B                               | D           |
| MANUFACTURER                            | TITUS       | TITUS                           | TITUS       |
| MODEL                                   | OMNI        | 50FF                            | OMNI        |
| TYPE                                    | PLAQUE FACE | EGGCRATE FILTERED RETURN GRILLE | PLAQUE FACE |
| NECK SIZE (L'XW')                       | PER PLAN    | 22"X22"                         | PER PLAN    |
| FACE SIZE (L'XW')                       | 24"X24"     | 24"X24"                         | 12"X12"     |
| FRAME TYPE                              | LAY-IN      | LAY-IN                          | LAY-IN      |
| FINISH                                  | SEE NOTES   | SEE NOTES                       | SEE NOTES   |
| NOISE CRITERIA LEVEL                    | <30         | <30                             | <30         |
| ACCESSORIES                             | -           | STR                             | OBDD, TRM   |
| NOTES                                   | 1,4         | 1,2,4                           | 1,4         |

ACCESSORIES:  
 OBDD-OPPOSED BLADE DAMPER, STR-SQUARE TO ROUND TRANSITION, TRM-RAPID MOUNT FRAME

NOTES:  
 1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.  
 2. PROVIDE NEW PLEATED 1" THICK THROWAWAY FILTERS, AND REPLACE AT START UP.  
 3. NOT USED.  
 4. AIR DEVICE COLOR TO MATCH CEILING COLOR BEING INSTALLED IN. AIR DEVICE SHALL BE BLACK IF INSTALLED IN BLACK CEILING. SEE ARCHITECTURAL DRAWINGS FOR CEILING COLORS.

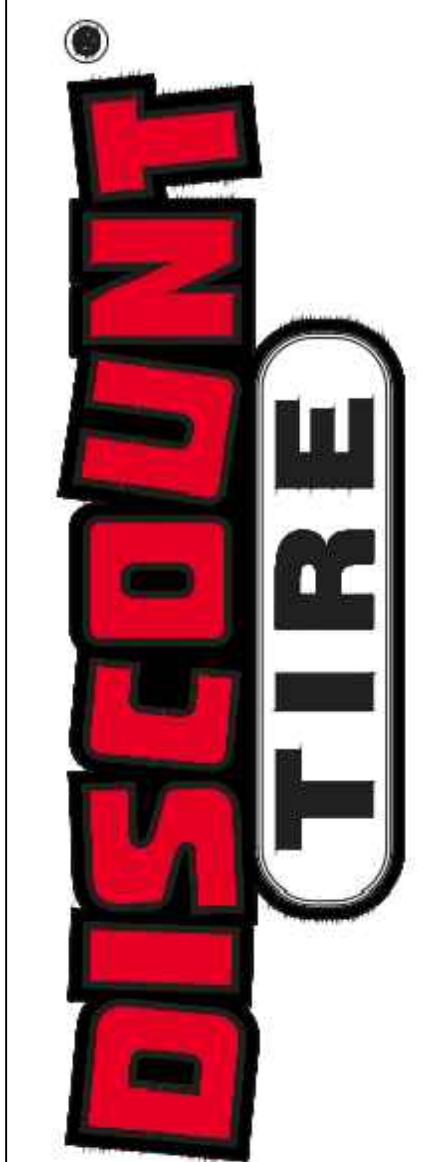
| EXHAUST AND VENTILATION FAN SCHEDULE |           |                  |
|--------------------------------------|-----------|------------------|
| MARK(EF-#)                           | 1,2,3     | 4                |
| MANUFACTURER                         | BROAN     | BROAN            |
| MODEL                                | L100      | L100             |
| TYPE                                 | CEILING   | CEILING          |
| DRIVE TYPE                           | DIRECT    | DIRECT           |
| PERFORMANCE                          | -         | -                |
| AIR FLOW (CFM)                       | 80        | 80               |
| EXTERNAL STATIC (IN W.C.)            | 0.375     | 0.375            |
| FAN SPEED (RPM)                      | 640       | 640              |
| ELECTRICAL                           | -         | -                |
| VOLTS/Ø/HZ                           | 120/1/60  | 120/1/60         |
| FAN MOTOR HP                         | -         | -                |
| FAN MOTOR WATTS                      | 87        | 87               |
| ACCESSORIES                          | BD,DP     | BD,DP            |
| APPROX. WEIGHT (LBS)                 | 25        | 25               |
| SERVES                               | RESTROOMS | JANITOR'S CLOSET |
| NOTES                                | 1         | 1                |

ACCESSORIES:  
 BD-BACKDRAFT DAMPER, DP-DISCONNECT PLUG

NOTES:  
 1. MOTOR PROVIDED WITH INTERNAL THERMAL OVERLOAD PROTECTORS.

| CEILING FAN SCHEDULE      |               |
|---------------------------|---------------|
| MARK(CF-#)                | 1 (TYP. OF 4) |
| MANUFACTURER              | MODERN FORMS  |
| MODEL                     | FR-W1910-52   |
| TYPE                      | PROPELLER     |
| DRIVE TYPE                | DIRECT        |
| PERFORMANCE               | -             |
| AIR FLOW (CFM)            | VARIABLE      |
| EXTERNAL STATIC (IN W.C.) | 0             |
| FAN SPEED (RPM)           | VARIABLE      |
| ELECTRICAL                | -             |
| VOLTS/Ø/HZ                | 120/1/60      |
| FAN MOTOR WATTS           | 38            |
| APPROX. WEIGHT (LBS)      | 20            |
| NOTES                     | ALL           |

NOTES:  
 1. DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.  
 2. CEILING FAN TO MATCH CEILING COLOR BEING INSTALLED IN. SEE ARCHITECTURAL DRAWINGS FOR CEILING COLORS.



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SHEET NAME  
 MECHANICAL DETAILS & SCHEDULES

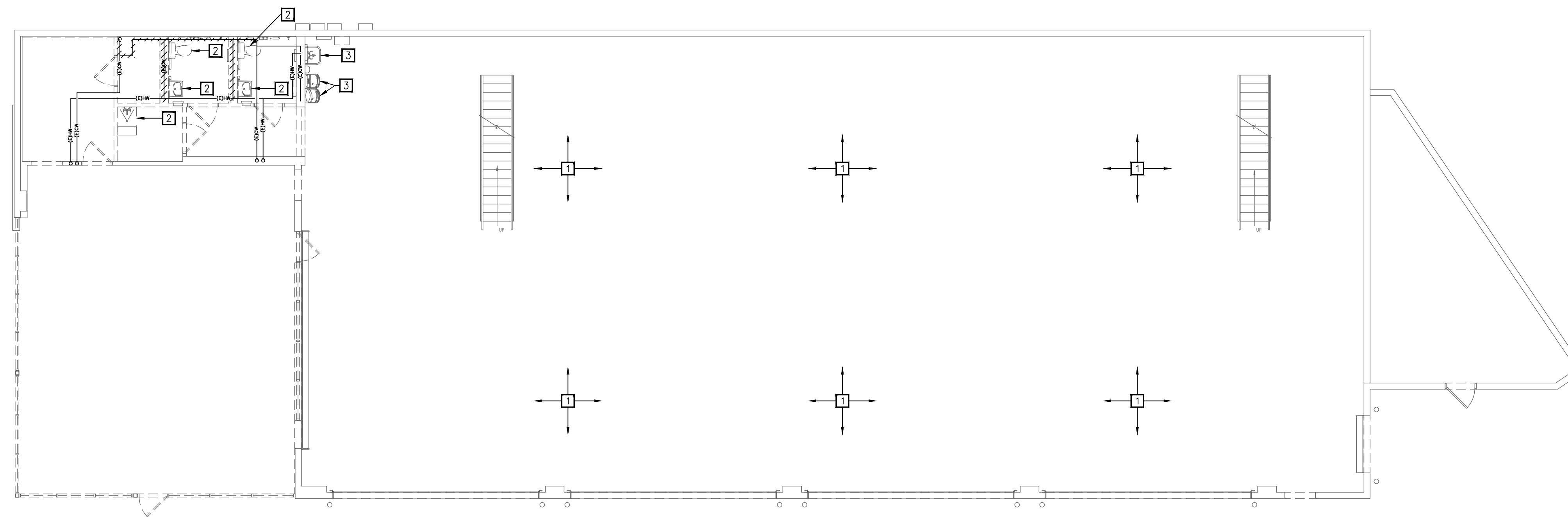
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PLUMBING DEMOLITION PLAN NOTES

- 1 EXISTING PLUMBING TO REMAIN IN THIS AREA UNLESS NOTED OTHERWISE.
- 2 DEMO EXISTING PLUMBING FIXTURE. DEMO ALL EXISTING CW, HW. DEMO VENT BACK TO EXISTING DROP THRU CEILING AND CAP. DEMO EXISTING SANITARY BACK TO MAIN AND CAP. SEE P2.0 AND P3.0 FOR NEW WORK.
- 3 EXISTING PLUMBING FIXTURE TO REMAIN. PROTECT DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.

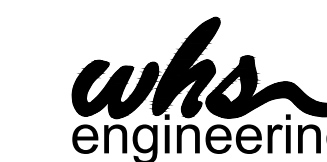


01 FIRST FLOOR PLUMBING DEMOLITION PLAN  
1/8" = 1'-0"

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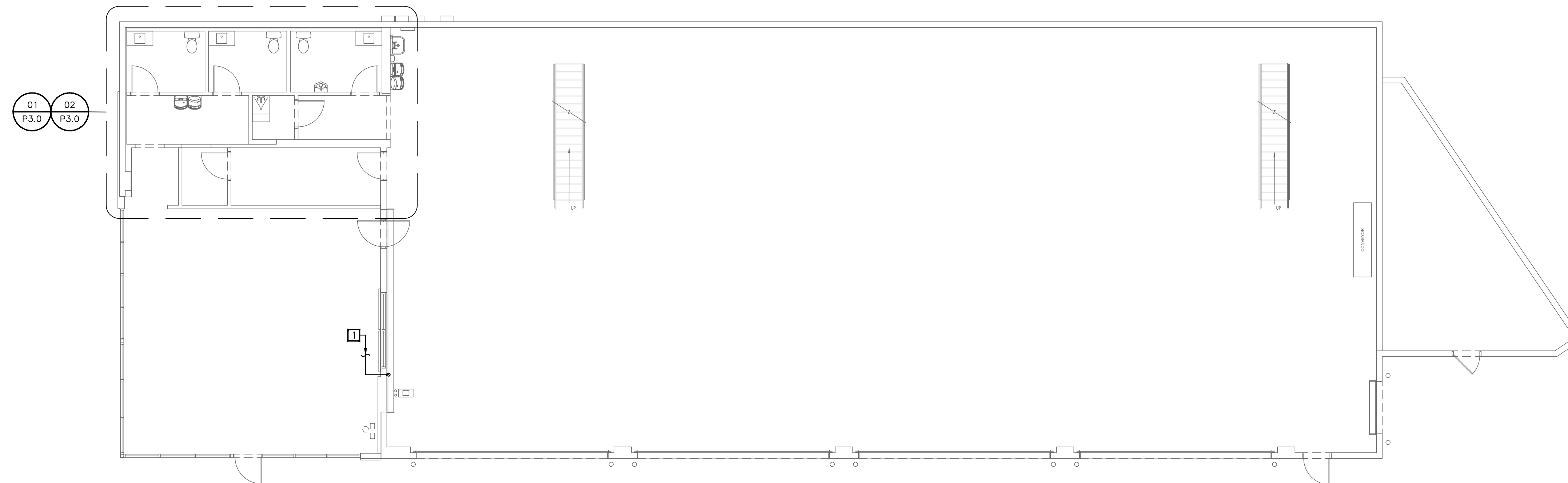
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**PLUMBING PLAN NOTES**

1 EXTEND NEW 1/2" CW LINE FROM NEAREST EXISTING CW LINE. PROVIDE LINE WITH AN ASSE 1024 COMPLIANT BACKFLOW PREVENTER AND TERMINATE WITH QUARTER TURN ANGLE STOP FOR FUTURE CONNECTION TO COFFEE MAKER VIA 1/4" FLEX LINE. LOCATE INSIDE CABINET NEAR CENTER OF FIXTURE. VERIFY EXACT LOCATION AND SIZE OF EXISTING LINE IN FIELD PRIOR TO BID.

**PLUMBING DRAIN NOTE**

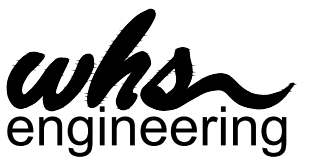
REFER TO ARCHITECTURAL DRAWINGS FOR FINAL LOCATION AND ELEVATION OF ALL FLOOR DRAINS, TRENCH DRAINS, AND FLOOR SINKS. THE PLUMBING DRAWINGS ARE PROVIDED FOR SCHEMATIC REFERENCE ONLY. DO NOT SCALE.



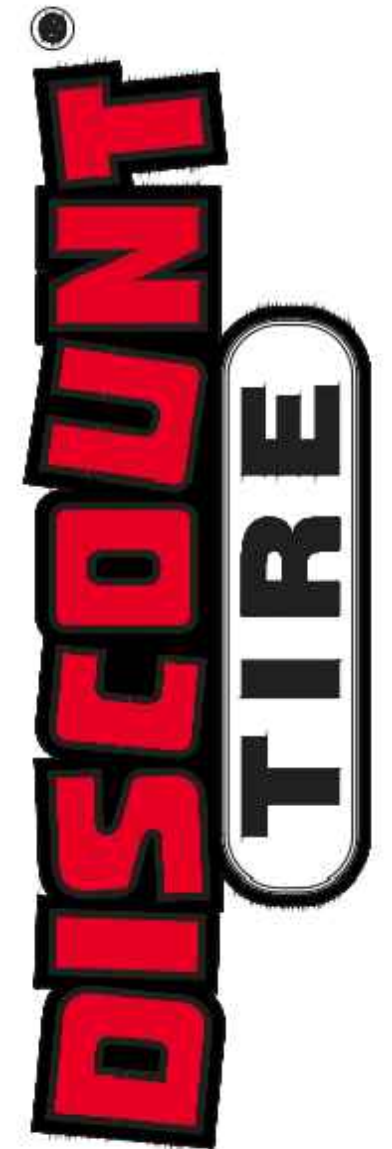
**01** FIRST FLOOR PLUMBING PLAN  
1/8" = 1'-0"

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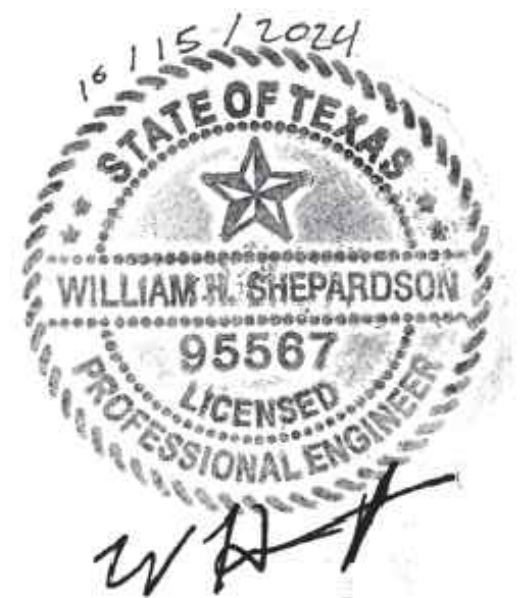
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PLUMBING PLAN

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P2.0







# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. \_\_\_\_\_

**NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.**

DIRECTOR OF PLANNING: \_\_\_\_\_

CITY ENGINEER: \_\_\_\_\_

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

### PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE) <sup>1</sup>
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- FINAL PLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- REPLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

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- SITE PLAN (\$250.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

### ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE) <sup>1 & 2</sup>
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE) <sup>1</sup>

### OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00) <sup>2</sup>

#### NOTES:

<sup>1</sup>: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.  
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## PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS 693 EAST INTERSTATE 30 - ROCKWALL, TX 75087

SUBDIVISION PATRICK-STEPHENSON

LOT 1

BLOCK A

GENERAL LOCATION \_\_\_\_\_

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING C (Commercial District)

CURRENT USE RETAIL / MERCANTILE (DISCOUNT TIRE)

PROPOSED ZONING C (Commercial District)

PROPOSED USE RETAIL / MERCANTILE (DISCOUNT TIRE)

ACREAGE 1.100 ACRES

LOTS [CURRENT] \_\_\_\_\_

LOTS [PROPOSED] \_\_\_\_\_

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## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

OWNER HALLE PROPERTIES, LLC

APPLICANT KATIE GETZ

CONTACT PERSON KAYLA HENSON

CONTACT PERSON \_\_\_\_\_

ADDRESS 20225 NORTH SCOTTSDALE ROAD

ADDRESS 319 ELAINES COURT

CITY, STATE & ZIP SCOTTSDALE, AZ 85255

CITY, STATE & ZIP DODGEVILLE, WI 53533

PHONE 480-909-6811

PHONE 608-407-9078

E-MAIL KAYLA.HENSON@DISCOUNTTIRE.COM

E-MAIL KATIE@PERMIT.COM

## NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KATIE GETZ [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

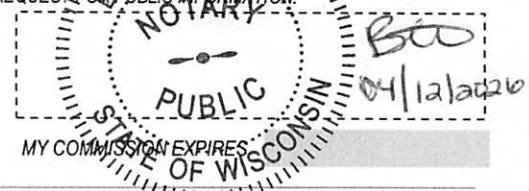
"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ \_\_\_\_\_ TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 5TH DAY OF FEBRUARY, 2025.

OWNER'S SIGNATURE

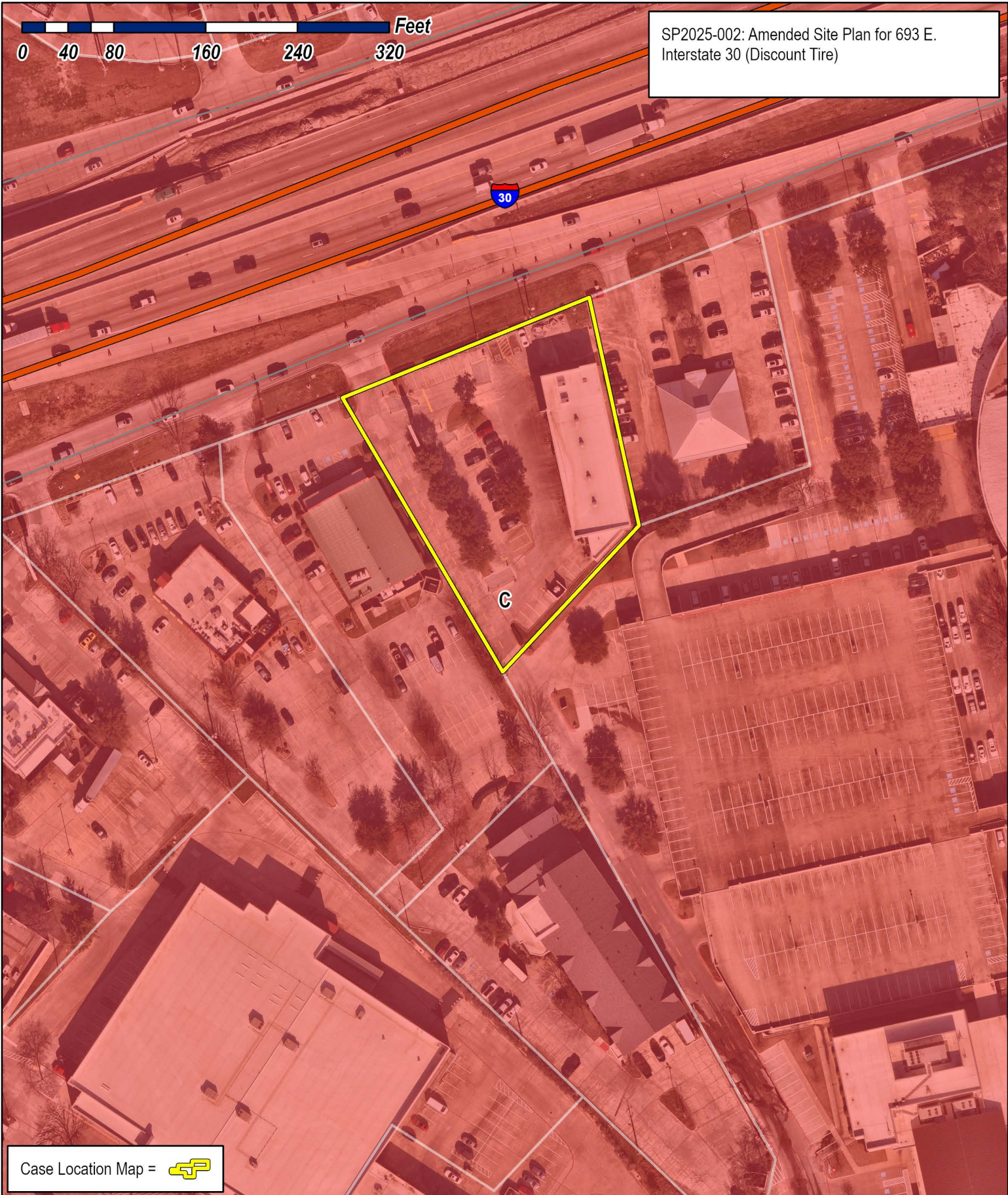
Wisconsin


NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS COUNTY OF IOWA





SP2025-002: Amended Site Plan for 693 E. Interstate 30 (Discount Tire)



Case Location Map = 

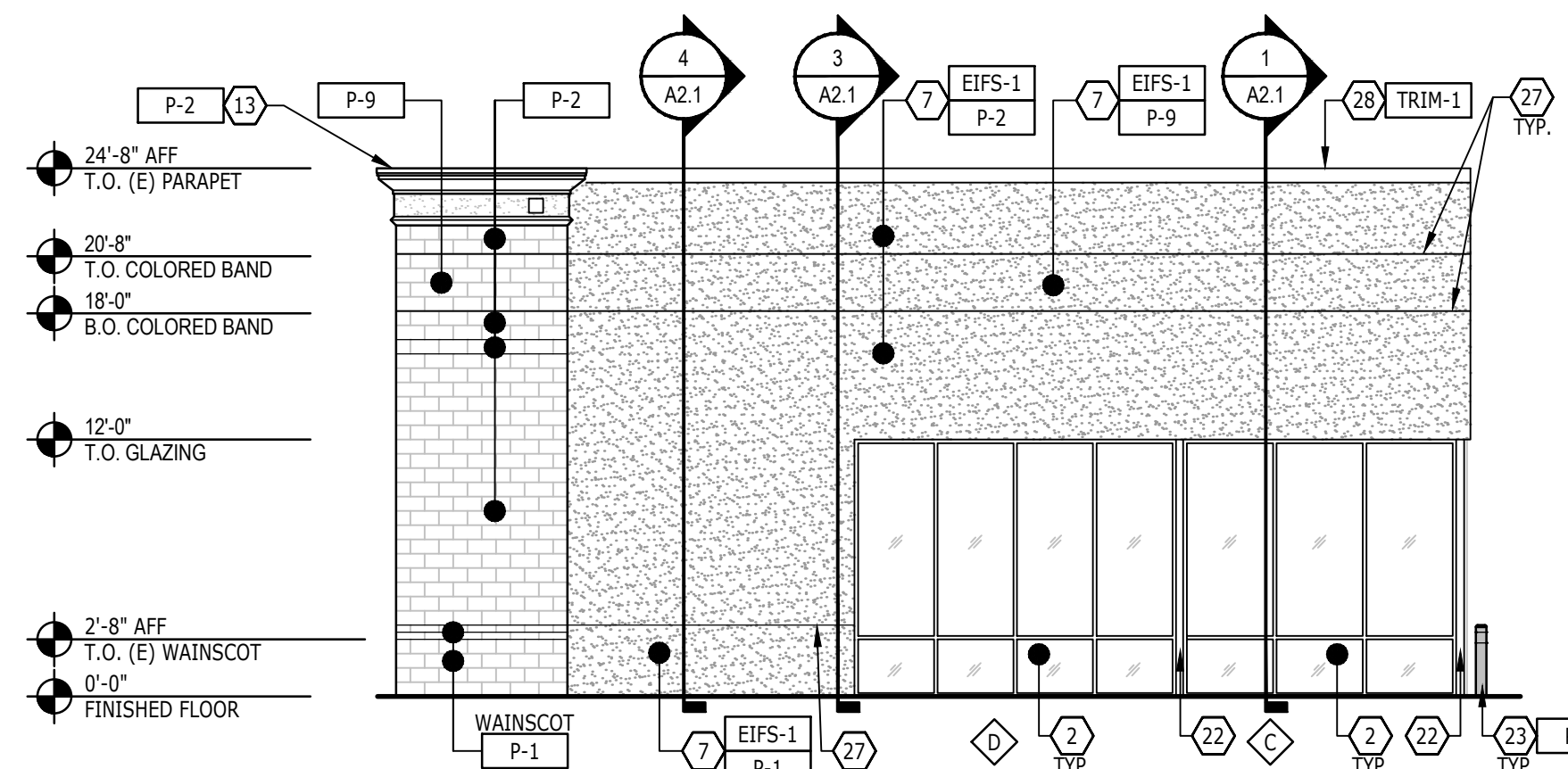


# City of Rockwall

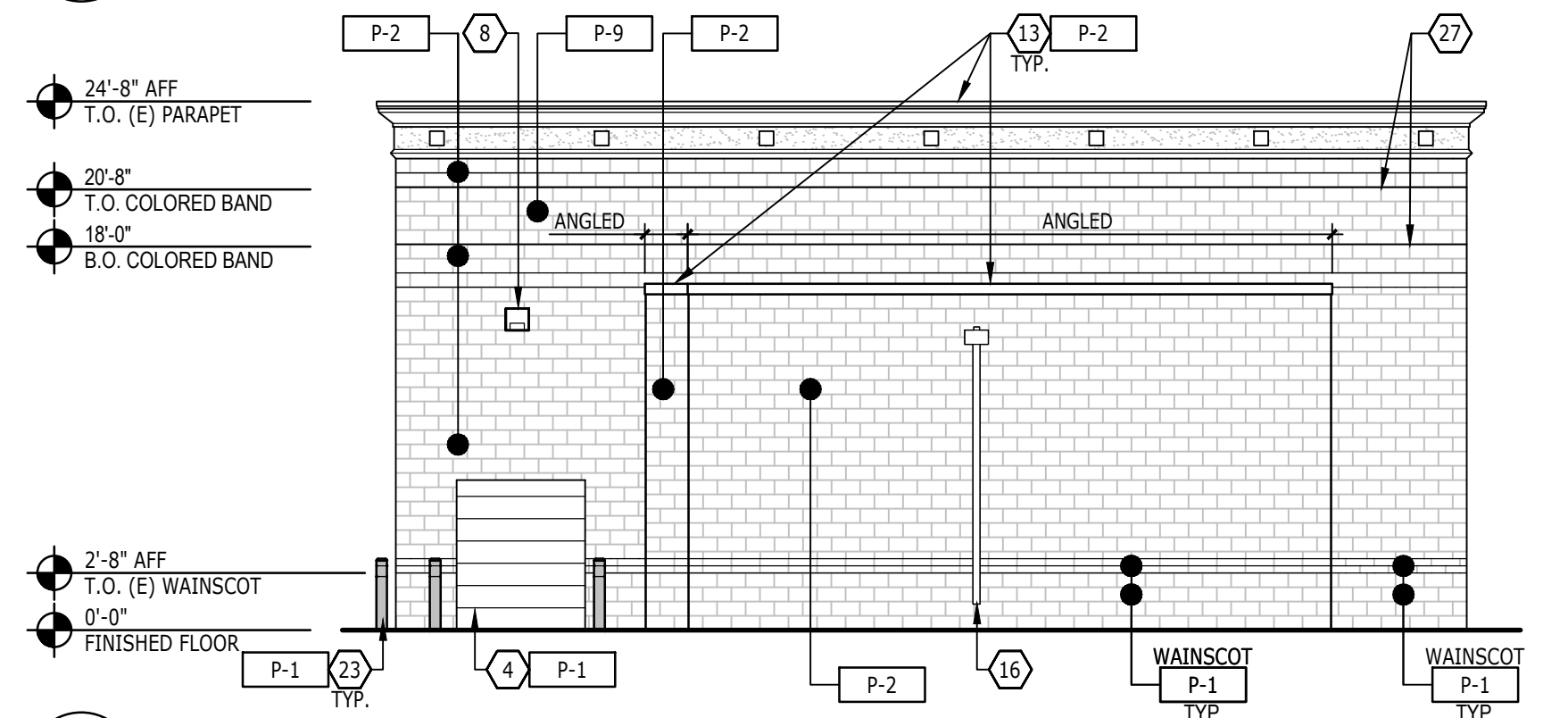
Planning & Zoning Department  
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(P): (972) 771-7745  
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The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.

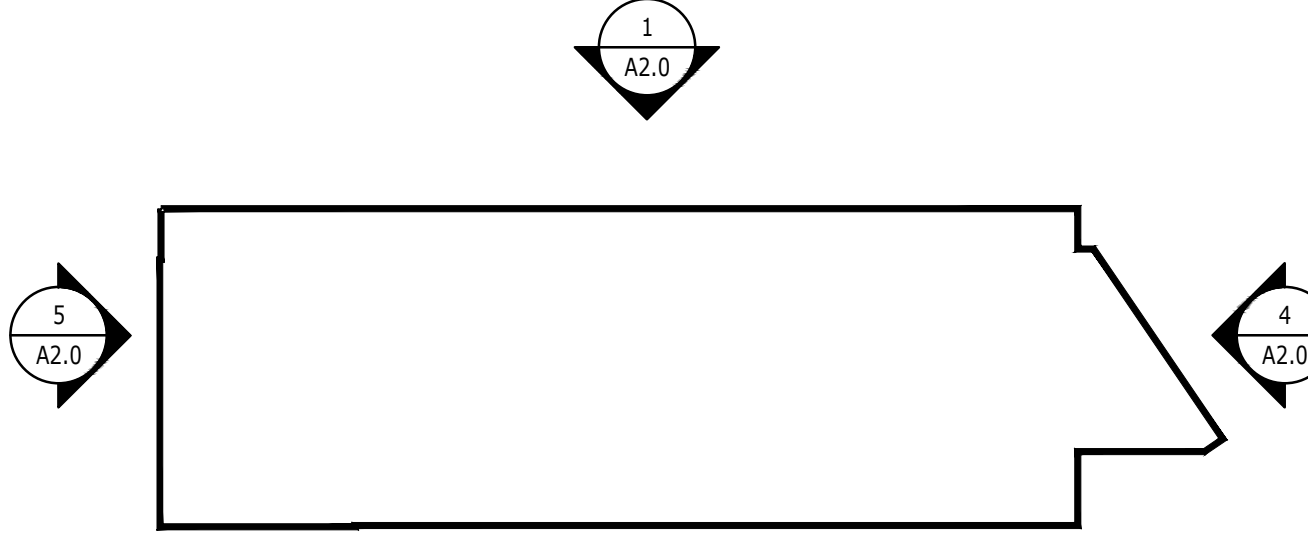




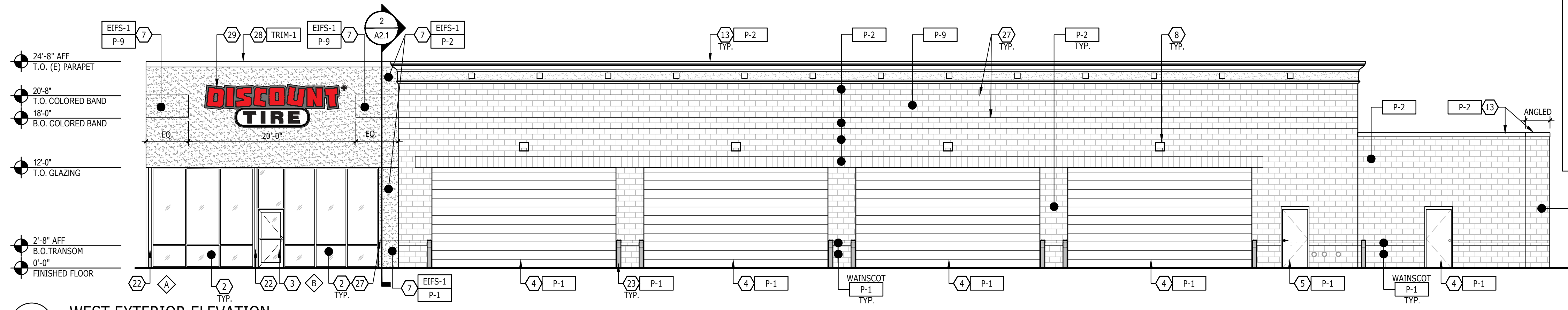
**5 NORTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



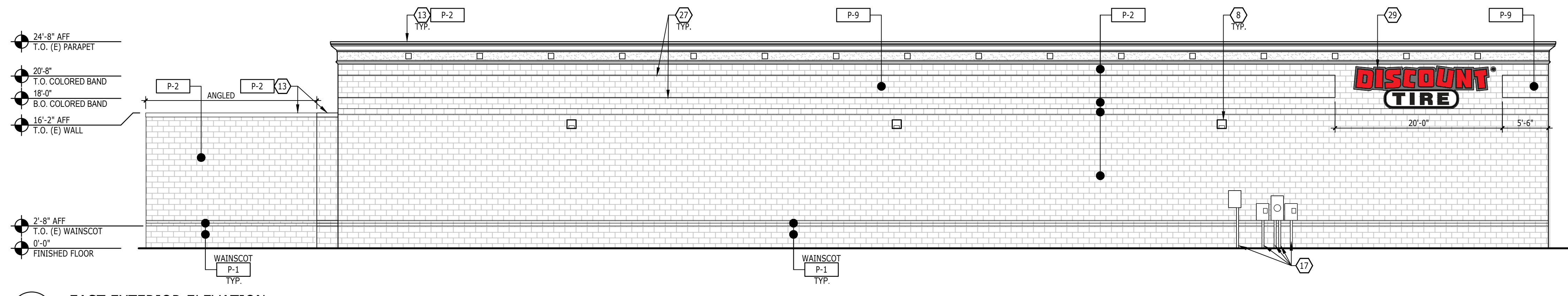
**4 SOUTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



**3 ELEVATION KEY PLAN**  
N.T.S.



**2 WEST EXTERIOR ELEVATION**  
1/8" = 1'-0"



**1 EAST EXTERIOR ELEVATION**  
1/8" = 1'-0"

| EXTERIOR FINISH SCHEDULE |                                  |                     |   |                        |  |   |
|--------------------------|----------------------------------|---------------------|---|------------------------|--|---|
| CODE                     | MATERIAL                         | MANUFACTURER        | PRODUCT / COLOR   | LOCATION               | REMARKS  | CONTACT   |
| CLAD-1                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BONE WHITE  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-1A                  | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE OYSTER (ALTERNATE)  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-2                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE PATRIOT RED   | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-3                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BRUSHED STAINLESS   | EXTERIOR - CANOPY      |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-4                   | CORRUGATED METAL                 | ATLAS INTERNATIONAL | CORRUGATED PANEL, 0.40 ALUMINUM, BLACK (02)   | EXTERIOR               |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| EIFS-1                   | EXT. INSULATION FINISHING SYSTEM | DRYVIT              | OUTSULATION: FINESSE: MATCH COLOR AS SPECIFIED ON EXTERIOR ELEVATIONS                       | EXTERIOR               | APPROVED ALT. AS REQUIRED TO MATCH ADJACENT EXIST.   | BEN ROGERS / 469-667-0837<br>BROGERS@TREMCOINC.COM          |
| P-1                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7650 ELLIE GRAY; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                          | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7104 COTTON WHITE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                        | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7668 NEUTRAL GROUND (LVR 70); EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE) | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 6258 TRICORN BLACK; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                       | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7069 IRON ORE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE)                | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| TRIM-1                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP, MATCH SW 7104 COTTON WHITE, OR ALTERNATE COLOR OF MASONRY BELOW.         | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-2                   | CORRUGATED METAL TRIM            | ATLAS INTERNATIONAL | ELITE TRIM SERIES, BLACK (02)   | EXTERIOR               | PRE-FINISHED METAL TRIM, PART OF CLAD 4 PANEL SYSTEM | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-3                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP, BLACK (02)   | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-4                   | METAL TRIM                       | LONGBOARD PRODUCTS  | 8" LINK & LOCK SERIES, SLATE GREY   | EXTERIOR - WALL TRIM   | COLOR MAY BE MODIFIED AS NEEDED PER JURISDICTION     | SHAYNE UNGER / 800-804-0343<br>SUNGER@LONGBOARDPRODUCTS.COM |

NOTE: ALL SURFACES SHALL BE PREPARED FOR NEW PAINT FINISHES AS REQUIRED PER PAINT MANUFACTURER'S RECOMMENDATIONS.

- SHEET NOTES**
- EXISTING STOREFRONT GLAZING SYSTEM. GO TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING TO "LIKE NEW" CONDITION.
  - STOREFRONT GLAZING SYSTEM, REFER TO SHEET A1.0A.
  - STOREFRONT ENTRY DOOR, REFER TO SHEET A1.0 & A1.0A.
  - EXISTING EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXISTING EIFS FINISH, PATCH/REPAIR AS REQUIRED, COLOR AS INDICATED.
  - INSTALL NEW EIFS, COLOR AS INDICATED.
  - EXISTING WALL MOUNTED LIGHT FIXTURE.
  - WALL MOUNTED LIGHT FIXTURE, REFER TO RCP AND ELECTRICAL DRAWINGS.
  - WALL MOUNTED ILLUMINATED SIGNAGE, GO TO SCHEDULE AND COORDINATE INSTALLATION. ALL SIGNAGE REQUIRED DOCUMENTATION IS TO BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION VIA DEFERRED SUBMITTAL OR SEPARATE COVER, AS REQUIRED.
  - ADDRESS LETTERS, REFER TO SIGNAGE PACKAGE, SUBMITTED VIA DEFERRED SUBMITTAL OR SEPARATE COVER, GO TO COORDINATE SCHEDULE & INSTALL.
  - EXISTING ADDRESS LETTERS.
  - EXISTING MOLDING / COPING, PAINT AS INDICATED.
  - EXISTING GAS METER.
  - GAS METER, REFER TO PLUMBING DRAWINGS.
  - EXISTING SCUPPER AND DOWNSPOUT.
  - EXISTING ELECTRIC METER / EQUIPMENT.
  - ELECTRIC METER / EQUIPMENT, REFER TO ELECTRICAL DRAWINGS.
  - ALUMINUM COMPOSITE CANOPY, REFER TO SECTIONS & DETAILS.
  - EXISTING CANOPY, PAINT / FINISH AS INDICATED.
  - EXISTING BASE BUILDING COLUMN.
  - EXISTING BASE BUILDING COLUMN, WRAPPED TO MATCH ADJACENT STOREFRONT FINISH, REFER TO DETAILS.
  - EXISTING BOLLARD, PAINT AS INDICATED.
  - EXISTING TRASH ENCLOSURE, PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL, PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL W/ BREAK METAL COVERING, REFER TO SECTIONS AND DETAILS.
  - PAINT LINE.
  - METAL TRIM.
  - RELOCATED EXISTING WALL MOUNTED ILLUMINATED SIGNAGE.

**Design Forum Architects Inc.**  
2056 BYERS RD  
Mansfield, OH 45342  
Tel. (844) 804-7700

Donald J. Rothman  
Architect In Charge  
License: 17287

**DISCOUNT TIRE**

TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024

REGISTERED ARCHITECT  
DONALD J. ROTHMAN  
STATE OF TEXAS  
17287

Donald J. Rothman

© 2024 CHANGEUP INC.

| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |

|                |            |
|----------------|------------|
| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**EXTERIOR ELEVATIONS**

SHEET #  
**A2.0**



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LOT 1

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GENERAL LOCATION \_\_\_\_\_

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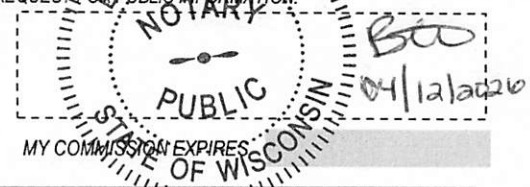
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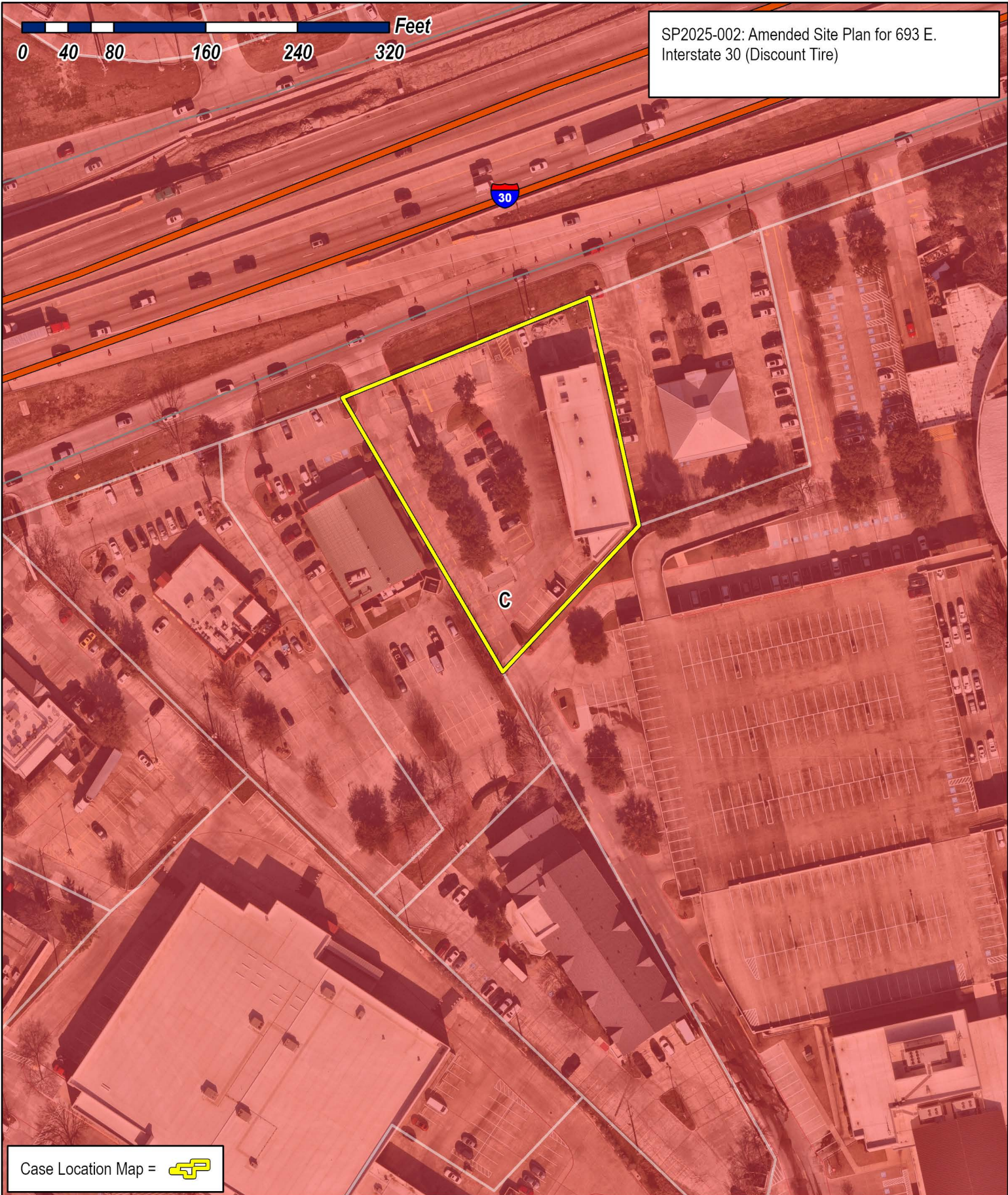
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| ABBREVIATIONS |  |
|---------------|--|
| AB            | ANCHOR BOLT                              |
| ABC           | AGGREGATE BASE COURSE                    |
| ACC.          | ACCESSIBLE                               |
| A.C.T         | ACOUSTIC CEILING TILE                    |
| ADA           | AMERICANS WITH DISABILITIES ACT          |
| AFF           | ABOVE FINISH FLOOR                       |
| AHJ           | AUTHORITY HAVING JURISDICTION            |
| ALUM          | ALUMINUM                                 |
| BLDG          | BUILDING                                 |
| B.O.          | BOTTOM OF                                |
| C.I.P.        | CAST-IN-PLACE                            |
| CJ            | CONTROL JOINT                            |
| CLG           | CEILING                                  |
| CMU           | CONCRETE MASONRY UNIT                    |
| CT            | CERAMIC TILE                             |
| COL           | COLUMN                                   |
| CONC          | CONCRETE                                 |
| CONT          | CONTINUOUS                               |
| CONTR         | CONTRACTOR                               |
| CPT           | CARPET                                   |
| DET           | DETAIL                                   |
| DIA           | DIAMETER                                 |
| DR            | DOOR                                     |
| DTC           | DISCOUNT TIRE COMPANY                    |
| EDF           | ELECTRIC DRINKING FOUNTAIN               |
| EIFS          | EXT. INSULATION & FINISH SYSTEM          |
| EJ            | EXPANSION JOINT                          |
| ELEC          | ELECTRICAL                               |
| EQUIP.        | EQUIPMENT                                |
| EXIST.        | EXISTING                                 |
| EXP           | EXPANSION                                |
| EXT           | EXTERIOR                                 |
| FBO           | FURNISHED BY OWNER                       |
| FEC           | FIRE EXTINGUISHER CABINET                |
| FF            | FINISH FLOOR                             |
| FFE           | FURNITURE, FIXTURES & EQUIPMENT          |
| FIN.          | FINISH                                   |
| F.O.M.        | FACE OF MASONRY                          |
| FRP           | FIBERGLASS-REINFORCED PLASTIC            |
| FRT           | FIRE RETARDANT-TREATED                   |
| GA            | GAUGE                                    |
| GALV.         | GALVANIZED                               |
| G.C.          | GENERAL CONTRACTOR                       |
| GL            | GLASS                                    |
| G.S.N         | GENERAL STRUCTURAL NOTES                 |
| GYP BD        | GYPSUM BOARD                             |
| HM            | HOLLOW METAL                             |
| HORIZ         | HORIZONTAL                               |
| HR            | HOUR                                     |
| IAW           | IN ACCORDANCE WITH                       |
| I.C.B.O.      | INTERNATIONAL COUNCIL BUILDING OFFICIALS |
| I.B.O         | INSTALLED BY OWNER                       |
| INT           | INTERIOR                                 |
| JST BRG       | JOIST BEARING                            |
| JT            | JOINT                                    |
| LAM.          | LAMINATE                                 |
| MCJ           | MASONRY CONTROL JOINT                    |
| MECH          | MECHANICAL                               |
| MFR           | MANUFACTURER                             |
| MIN           | MINIMUM                                  |
| M.E.P.        | MECH./ELECT./PLUMB.                      |
| M.O.          | MASONRY OPENING                          |
| MTL           | METAL                                    |
| M.P.T.        | MECHANICAL PIPE THREADS                  |
| N.I.C         | NOT IN CONTRACT                          |
| N.T.S.        | NOT TO SCALE                             |
| O.C.          | ON CENTER                                |
| O.F.          | OWNER FURNISHED                          |
| O.F.O         | OVERFLOW OUTLET                          |
| O.H.          | OVERHEAD                                 |
| OPN           | OPENING                                  |
| P.M.          | PROJECT MANUAL                           |
| PNL           | PANEL                                    |
| PTRS          | PRE-FABRICATED TIRE RACK SYSTEM          |
| PVC           | POLYVINYL CHLORIDE                       |
| R.D.          | ROOF DRAIN                               |
| RDO           | ROOF DRAIN OUTLET                        |
| REINF         | REINFORCING                              |
| RM            | ROOM                                     |
| RTU           | ROOF TOP UNIT                            |
| RUB.          | RUBBER                                   |
| SECT.         | SECTION                                  |
| SES           | SERVICE ELECTRICAL SECTION               |
| SHT.          | SHEET                                    |
| SHT MTL       | SHEET METAL                              |
| SIM           | SIMILAR                                  |
| STL           | STEEL                                    |
| STR           | STRUCTURAL                               |
| SUSP          | SUSPENDED                                |
| SW            | SHERWIN-WILLIAMS                         |
| T&G           | TONGUE AND GROOVE                        |
| T.O.          | TOP OF                                   |
| T.O.M.        | TOP OF BEAM                              |
| T.O.C.        | TOP OF CONCRETE                          |
| T.O.D.        | TOP OF DECK                              |
| T.O.J.        | TOP OF JOIST                             |
| T.O.M.        | TOP OF MASONRY                           |
| T.O.R.D.      | TOP OF ROOF DECK                         |
| T.O.W         | TOP OF WINDOW                            |
| TYP.          | TYPICAL                                  |
| U.N.O.        | UNLESS NOTED OTHERWISE                   |
| VB            | VAPOR BARRIER                            |
| VCT           | VINYL COMPOSITION TILE                   |
| V.I.F.        | VARIES IN FIELD                          |
| VAR           | VARIES                                   |
| VERT          | VERTICAL                                 |
| V.P.          | VENEER PILASTERS                         |
| WD            | WOOD                                     |
| W.F.B.        | WIDE FLANGE BEAM                         |
| W.P.J         | WEAKEN PLANE JOINT (SAW CUT)             |

| PROJECT TEAM  |   |
|---|---|
| <b>OWNER</b><br>HALLE PROPERTIES, LLC<br>DISCOUNT TIRE - CONSTRUCTION DEPARTMENT<br>20225 N. SCOTTSDALE ROAD<br>SCOTTSDALE, ARIZONA 85255<br><br>CONTACT: KAYLA HENSON<br>PHONE: 480-909-6811<br>EMAIL: KAYLA.HENSON@DISCOUNTTIRE.COM                               | <b>CONSTRUCTION MANAGER</b><br>TURNER & TOWNSEND<br>3401 MALLORY LN, SUITE 100<br>FRANKLIN, TN 37067<br><br>CONTACT: RICHARD VOGLER<br>PHONE: 615-430-9767<br>EMAIL: RICHARD.VOGLER@TURNTOWN.COM      |
| <b>ARCHITECT</b><br>DESIGN FORUM ARCHITECTS<br>2056 BYERS RD<br>MIAMISBURG, OH 45342<br>PHONE: 844-804-7700<br><br>CONTACT: JESSICA WATERHOUSE (PM)<br>EMAIL: DTARCHTEAMS@CHANGEUPINC.COM<br><br>CONTACT: AMANDA VERASTEGUI (CA)<br>EMAIL: DTCATEAM@CHANGEUPINC.COM | <b>DESIGN CONSULTANT</b><br>CHANGEUP, INC.<br>2056 BYERS RD<br>MIAMISBURG, OH 45342<br>PHONE: 844-804-7700<br><br>CONTACT: SARAH MODERBACHER THOMAS<br>EMAIL: SARAH.MODERBACHER@CHANGEUPINC.COM       |
| <b>STRUCTURAL ENGINEER</b><br>WHS ENGINEERING, INC.<br>2012 WEST 25TH ST, SUITE 200<br>CLEVELAND, OH 44113<br>PHONE: 216-227-8505<br><br>CONTACT: NEIL UNGER<br>EMAIL: NEIL@WHS-ENG.COM   | <b>MECHANICAL / PLUMBING / ELECTRICAL</b><br>WHS ENGINEERING, INC.<br>2012 WEST 25TH ST, SUITE 200<br>CLEVELAND, OH 44113<br>PHONE: 216-227-8505<br><br>CONTACT: JEFF ZUNT<br>EMAIL: JEFF@WHS-ENG.COM |

| SHOP DRAWINGS & SAMPLE REQUIREMENTS |                 |                 |                                |
|-------------------------------------|-----------------|-----------------|--------------------------------|
| ITEM                                | SPECIFIED BY    | REVIEWED BY     | COMMENTS                       |
| STOREFRONT GLAZING SYSTEM           | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS & FINISH SAMPLES |
| STOREFRONT PANELS                   | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS & FINISH SAMPLES |
| SIGNAGE                             | OWNER           | OWNER           | SHOP DRAWINGS                  |
| DOOR / DOOR HARDWARE                | ARCHITECT       | ARCHITECT       | CUT SHEETS                     |
| METAL CANOPY                        | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS                  |
| HOSPITALITY VIEWING COUNTER         | ARCHITECT       | ARCHITECT       | SHOP DRAWINGS                  |
| STRUCTURAL STEEL                    | STRUCTURAL      | STRUCTURAL      | SHOP DRAWINGS                  |
| HVAC                                | MEP             | MEP             | CUT SHEETS                     |
| PLUMB. FIXTURES & ACCESSORIES       | ARCHITECT / MEP | ARCHITECT / MEP | CUT SHEETS                     |

**NOTE:** SUBMITTALS MUST BE ISSUED IN A TIMELY & PROFESSIONAL MANNER, ELECTRONICALLY, TO THE CONSTRUCTION MANAGER. SUBMITTALS WILL THEN BE ISSUED BY THE CM TO THE RESPONSIBLE PARTY LISTED ABOVE. STRUCTURAL & MEP SUBMITTALS TO BE ROUTED VIA ARCHITECT.

**NOTE:** SUBMIT (4) COPIES OF PHYSICAL FINISH SAMPLES ONLY IF AN ALTERNATE SPEC IS BEING PROPOSED. DO NOT SUBMIT FINISH SAMPLES FOR REVIEW PER SPEC.

**NOTE:** ANY SUBMITTALS ISSUED TO THE RESPONSIBLE PARTY BY THE CONSTRUCTION MANAGER MUST INCLUDE REVIEW & APPROVAL STAMPS FROM BOTH GENERAL CONTRACTOR AND CONSTRUCTION MANAGER. FAILURE TO DO SO WILL RESULT IN THE SUBMITTAL BEING RETURNED INCOMPLETE AND NOT REVIEWED. SUBMITTALS ISSUED BY GENERAL CONTRACTOR DIRECTLY TO THE ARCHITECT, OR RESPONSIBLE PARTY, WILL BE CONSIDERED INVALID AND IGNORED.

**RFI REQUIREMENTS**

**NOTE:** RFIs MUST BE ISSUED IN A TIMELY & PROFESSIONAL MANNER, ELECTRONICALLY, TO THE CONSTRUCTION MANAGER. RFIs ARE TO BE REVIEWED BY THE CONSTRUCTION MANAGER FOR RESPONSE AND ONLY ISSUED TO THE RESPONSIBLE PARTY LISTED ABOVE, AS REQUIRED. STRUCTURAL & MEP RFIs ARE TO BE ROUTED VIA THE ARCHITECT.

**NOTE:** ANY RFI ISSUED BY THE CONTRACTOR DIRECTLY TO THE ARCHITECT, OR RESPONSIBLE PARTY, WILL BE CONSIDERED INVALID AND IGNORED.

**NOTE TO BIDDERS**

**NOTE:** IT IS THE POLICY OF DISCOUNT TIRE TO MAINTAIN STRICT CONFIDENTIALITY DURING THE BIDDING PROCESS. A BID LIST WILL NOT BE DISCLOSED TO GENERAL CONTRACTORS, SUB-CONTRACTORS, OR VENDORS.

**NOTE:** PLANS OR INFORMATION CONCERNING THE PROJECT SHALL NOT BE DISTRIBUTED TO ANY CONTRACTORS INFORMATION SERVICES, SUCH AS DODGE REPORTS, PLAN ROOMS, OR ANY PARTY NOT SPECIFICALLY INVITED TO PARTICIPATE IN THE PROJECT.

**NOTE:** ANY BID SPECIFIC QUESTIONS ARE TO BE DIRECTED TO THE CONSTRUCTION MANAGER ONLY.

**NOTE:** DO NOT CONTACT THE ARCHITECT OF RECORD FOR ANY BID QUESTIONS. ANY CORRESPONDENCE RECEIVED BY THE ARCHITECT WILL BE IGNORED.

**SCOPE OF WORK**

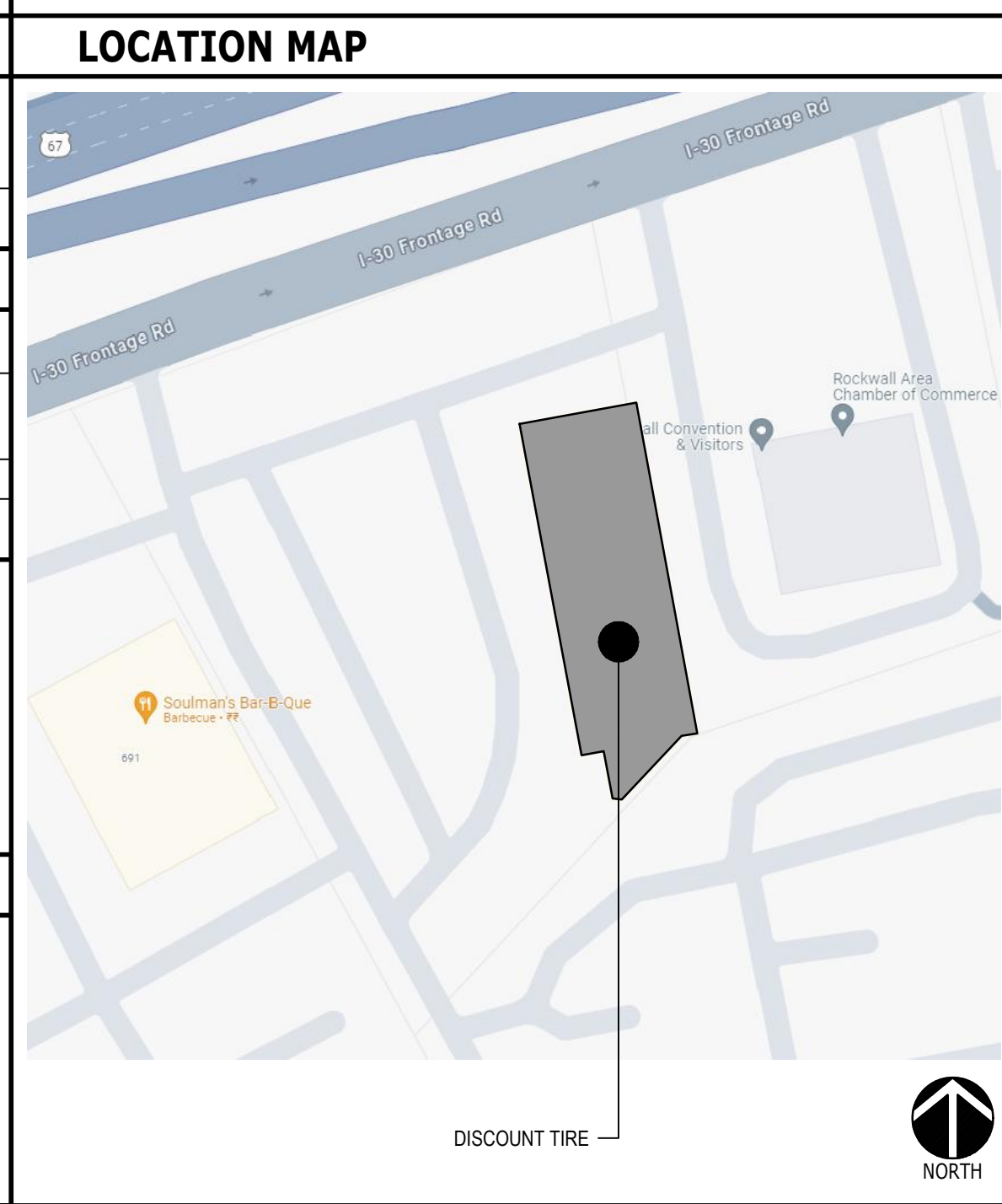
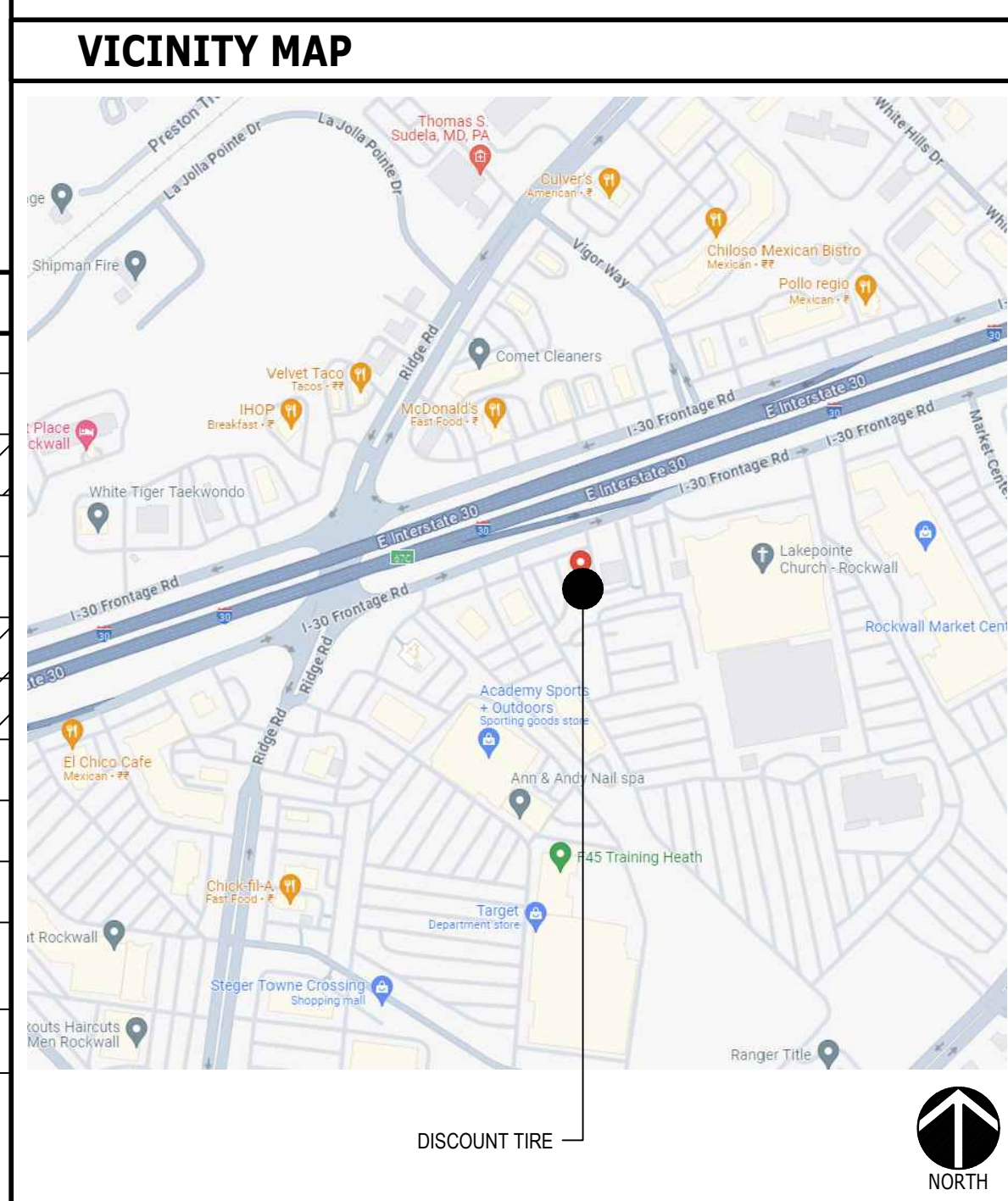
PROJECT IS A PROPOSED INTERIOR AND EXTERIOR RENOVATION / REFRESH OF AN EXISTING DISCOUNT TIRE LOCATION. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

DEMOLITION OF STOREFRONT GLAZING, INTERIOR PARTITIONS, INTERIOR FINISHES, FIXTURES AND FURNITURE. NEW EXTERIOR WALL INFILL, STOREFRONT GLAZING, MATERIALS, AND FINISHES. NEW EXTERIOR DOOR, NEW INTERIOR PARTITIONS, DOORS, LIGHTING, PLUMBING FIXTURES & ACCESSORIES AND FINISHES. MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL SCOPE (REFER TO ENGINEERED DRAWINGS). RELOCATING SIGNAGE (UNDER SEPARATE COVER OR DEFERRED SUBMITTAL).

**NOTE:** STORAGE MEZZANINE IS NOT INCLUDED WITHIN THIS PROPOSED SCOPE. THIS AREA IS EXISTING TO REMAIN AND SHALL REMAIN AS-IS.



TXD 39  
 693 E INTERSTATE 30  
 ROCKWALL, TX 75087  
 TABS2025002478



| PROJECT INFORMATION                       |   |                      |               |
|---|---|----------------------|---------------|
| <b>DESIGN OCCUPANCY LOAD</b>              |   |                      |               |
| USE                                       | TOTAL SF (GROSS)  | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
| SALES AREA:                               | 1,126   | 60                   | 19            |
| OFFICE:                                   | 156   | 150                  | 2             |
| S-1 (SERVICE):                            | 3,142   | 200                  | 16            |
| S-1 (STORAGE):                            | 2,957   | 300                  | 10            |
| MEZZANINE:                                | 408   | 300                  | 2             |
| CATWALK:                                  | 1,344   | 300                  | 5             |
|   |   | <b>TOTAL:</b>        | <b>54</b>     |
| <b>APPLICABLE CODES</b>                   |   |                      |               |
| BUILDING                                  | INTERNATIONAL BUILDING CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| MECHANICAL                                | INTERNATIONAL MECHANICAL CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| PLUMBING                                  | INTERNATIONAL PLUMBING CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| ELECTRICAL                                | NATIONAL ELECTRICAL CODE, 2020 EDITION, W/ LOCAL AMENDMENTS   |                      |               |
| FIRE                                      | INTERNATIONAL FIRE CODE, 2021 EDITION   |                      |               |
| ENERGY                                    | INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION, W/ LOCAL AMENDMENTS   |                      |               |
| FUEL                                      | INTERNATIONAL FUEL GAS CODE, 2021 EDITION, W/ LOCAL AMENDMENTS  |                      |               |
| EXISTING BUILDING                         | INTERNATIONAL EXISTING BUILDING CODE, 2021 EDITION, W/ LOCAL AMENDMENTS   |                      |               |
| ACCESSIBILITY                             | 2017 ANSI A117.1 (CURRENT FEDERAL ADA GUIDELINES FOLLOWED WHERE MORE STRINGENT)   |                      |               |
| <b>BUILDING INFO</b>                      |   |                      |               |
| CONSTRUCTION TYPE:                        | II-B  |                      |               |
| OCCUPANCY GROUP:                          | M / S-1 NON-SEPARATED (NOTE: THE WORK PERFORMED IS LIMITED TO REPAIR & INSTALLATION OF TIRES & WHEELS. THE USE OF OPEN FLAME OR WELDING IS NOT REQUIRED.) |                      |               |
| SPRINKLER SYSTEM:                         | NON-SPRINKLERED   |                      |               |
| FIRE ALARM:                               | YES   |                      |               |
| EXISTING BUILDING SF:                     | 9,133 SF  |                      |               |
| PROPOSED WORK AREA SF:                    | 1,282 SF  |                      |               |
| <b>EGRESS CALCULATION</b>                 |   |                      |               |
| EXIT WIDTH REQUIRED: (54 OCCUPANTS X 0.2) | 10.8 IN.  |                      |               |
| EXIT WIDTH PROVIDED:                      | 66 IN.  |                      |               |
| EXITS:                                    | 33 IN. PRIMARY EXIT, 33 IN. FRONT SERVICE EXIT  |                      |               |
| EXITS REQUIRED:                           | 1 FOR MERCANTILE, 2 FOR S-1   |                      |               |
| EXITS PROVIDED:                           | 1 FOR MERCANTILE, 2 FOR S-1   |                      |               |
| MAX. ALLOWED TRAVEL DISTANCE:             | 75' SINGLE EGRESS MEANS (MERCANTILE) / 200' NON-SPRINKLERED (S-1)   |                      |               |
| MAX. PROVIDED TRAVEL DISTANCE:            | 63 FT. 5 IN. (MERCANTILE)<br>135 FT. 8 IN. (S-1)  |                      |               |
| MINIMUM EXIT SEPARATION:                  | 123 FT. 1 1/2 IN. / 2 = 61.5 FT. 3/4 IN.  |                      |               |
| PROVIDED EXIT SEPARATION:                 | 122 FT. 5 IN.   |                      |               |
| <b>PLUMBING CALCULATION</b>               |   |                      |               |
| PLUMBING OCCUPANT LOAD (1/200)            | N/A   |                      |               |
| MOP SINK                                  | 1 REQUIRED   1 PROVIDED   |                      |               |
| DRINKING FOUNTAINS                        | 1 REQUIRED   2 PROVIDED   |                      |               |
| PUBLIC TOILET FACILITIES                  | HIGH / LOW FIXTURE W/ BOTTLE FILLER & CANE DETECTION APRON AS REQ.  |                      |               |
| DEFERRED SUBMITTALS                       | 2 REQUIRED   3 PROVIDED   |                      |               |
| SIGNAGE (AS APPLICABLE)                   |   |                      |               |

| SHEET INDEX          |   | 100% CD SET | 10/08/24 |  |  |  |  |
|----------------------|---|-------------|----------|--|--|--|--|
| <b>ARCHITECTURAL</b> |   |             |          |  |  |  |  |
| G0.1                 | COVER SHEET   | ●           |          |  |  |  |  |
| G0.2                 | ABBREVIATED GENERAL CONDITIONS AND NOTES                  | ●           |          |  |  |  |  |
| G0.3                 | RESPONSIBILITY SCHEDULE                                   | ●           |          |  |  |  |  |
| G0.4                 | ACCESSIBILITY COMPLIANCE & STANDARDS                      | ●           |          |  |  |  |  |
| G1.0                 | LIFE SAFETY PLANS   | ●           |          |  |  |  |  |
| D1.0                 | DEMOLITION FLOOR PLAN                                     | ●           |          |  |  |  |  |
| D1.1                 | DEMOLITION REFLECTED CEILING PLAN                         | ●           |          |  |  |  |  |
| D2.0                 | DEMOLITION EXTERIOR ELEVATIONS                            | ●           |          |  |  |  |  |
| A1.0                 | CONSTRUCTION FLOOR PLAN                                   | ●           |          |  |  |  |  |
| A1.0A                | DOOR / HARDWARE SCHEDULES & GLAZING ELEVATIONS            | ●           |          |  |  |  |  |
| A1.1                 | REFLECTED CEILING PLAN                                    | ●           |          |  |  |  |  |
| A2.0                 | EXTERIOR ELEVATIONS                                       | ●           |          |  |  |  |  |
| A2.1                 | EXTERIOR WALL SECTIONS                                    | ●           |          |  |  |  |  |
| A2.2                 | EXTERIOR WALL DETAILS                                     | ●           |          |  |  |  |  |
| A4.0A                | EIFS DETAILS  | ●           |          |  |  |  |  |
| A4.0B                | EIFS DETAILS  | ●           |          |  |  |  |  |
| A5.0                 | DETAILS   | ●           |          |  |  |  |  |
| A5.1                 | DETAILS   | ●           |          |  |  |  |  |
| A5.2                 | DETAILS   | ●           |          |  |  |  |  |
| A5.3                 | DETAILS   | ●           |          |  |  |  |  |
| A5.4                 | DETAILS   | ●           |          |  |  |  |  |
| <b>INTERIOR</b>      |   |             |          |  |  |  |  |
| I1.0                 | FURNITURE, FIXTURE & FINISH PLAN                          | ●           |          |  |  |  |  |
| I2.0                 | INTERIOR ELEVATIONS                                       | ●           |          |  |  |  |  |
| I2.1                 | ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS              | ●           |          |  |  |  |  |
| <b>STRUCTURAL</b>    |   |             |          |  |  |  |  |
| S0.1                 | STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTIONS          | ●           |          |  |  |  |  |
| S1.0                 | PLAN, SECTIONS AND DETAILS                                | ●           |          |  |  |  |  |
| S1.1                 | SECTIONS AND DETAILS                                      | ●           |          |  |  |  |  |
| <b>ELECTRICAL</b>    |   |             |          |  |  |  |  |
| E0.1                 | ELECTRICAL DEMOLITION PLAN                                | ●           |          |  |  |  |  |
| E1.0                 | ELECTRICAL SPECIFICATIONS                                 | ●           |          |  |  |  |  |
| E1.1                 | ELECTRICAL SPECIFICATIONS & SYMBOL LEGEND                 | ●           |          |  |  |  |  |
| E1.2                 | EXISTING ELECTRICAL POWER RISER DIAGRAM & PANEL SCHEDULES | ●           |          |  |  |  |  |
| E2.0                 | LIGHTING PLAN   | ●           |          |  |  |  |  |
| E2.1                 | POWER & COMMUNICATION PLAN                                | ●           |          |  |  |  |  |
| <b>MECHANICAL</b>    |   |             |          |  |  |  |  |
| M0.0                 | MECHANICAL SPECIFICATIONS                                 | ●           |          |  |  |  |  |
| M1.0                 | MECHANICAL DEMOLITION PLANS                               | ●           |          |  |  |  |  |
| M2.0                 | MECHANICAL PLAN   | ●           |          |  |  |  |  |
| M3.0                 | MECHANICAL DETAILS & SCHEDULES                            | ●           |          |  |  |  |  |
| <b>PLUMBING</b>      |   |             |          |  |  |  |  |
| P0.0                 | PLUMBING SPECIFICATIONS                                   | ●           |          |  |  |  |  |
| P1.0                 | PLUMBING DEMOLITION PLANS                                 | ●           |          |  |  |  |  |
| P2.0                 | PLUMBING PLAN   | ●           |          |  |  |  |  |
| P3.0                 | PLUMBING ENLARGED PLANS                                   | ●           |          |  |  |  |  |
| P4.0                 | PLUMBING DETAILS  | ●           |          |  |  |  |  |

**Design Forum Architects Inc.**  
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Donald J. Rothman  
 Architect In Charge  
 License: 17287

TXD 39  
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 ROCKWALL, TX 75087

10/22/2024

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| No. | Description | Date |
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PROJECT NUMBER: DT10773

DATE: 10/08/2024

DRAWN BY: LI / RS

CHECKED BY: JDW / DJR

SHEET NAME

**COVER SHEET**

SHEET #

**G0.1**

## ABBREVIATED GENERAL CONDITIONS

THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO DESCRIBE ALL QUALITIES AND QUANTITIES OF LABOR AND MATERIAL AND ALL TYPES OF WORK, COMMUNICATION AND PROTOCOL REQUIRED TO PROVIDE THE OWNER WITH A COMPLETE RENOVATION OF AN EXISTING TIRE STORE AT THE PROPERTY INDICATED. ALL INTERPRETATIONS OF THE CONSTRUCTION DOCUMENTS SHALL BE VIEWED WITHIN THIS INTENT. THE SCOPE OF WORK FOR THIS PROJECT IS LISTED BELOW. ALL THESE ITEMS AND ISSUES ARE NOT LISTED. THE SCOPE INCLUDES ALL ITEMS LISTED BUT IS NOT LIMITED TO THEM. ANY QUESTIONS OR DISCREPANCIES IN THE DRAWINGS OR THE EXISTING CONDITIONS SHOULD BE MADE AWARE TO THE OWNER AND RESOLVED BEFORE THAT PORTION OF THE WORK SHALL PROCEED. ALL ITEMS SHALL BE "CONTRACTOR FURNISHED, CONTRACTOR INSTALLED" UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE, SCHEDULE AND PROVIDE NECESSARY PREPARATION, ETC. FOR ITEMS THAT ARE OWNER SUPPLIED, OWNER INSTALLED OR PROVIDED FOR BY OTHERS.

THESE CONSTRUCTION DOCUMENTS WERE PREPARED FOR THE SOLE USE OF DISCOUNT TIRE CO. INC. AND THEIR CONSULTANTS. ALL QUESTIONS CONCERNING THE SCOPE OF WORK SHOULD BE RECORDED IN WRITTEN FORM AND DIRECTED TO DISCOUNT TIRE AND THE ASSIGNED CONSTRUCTION MANAGER.

### DISCLAIMER

THE OWNER WILL BEAR NO COST THAT IS THE DIRECT RESULT OF AN ERROR KNOWINGLY MADE BY THE GENERAL CONTRACTOR. THE OWNER WILL SET A CONTRACT SUM BASED ON BIDS RECEIVED. THIS AMOUNT WILL NOT BE CHANGED UNLESS BY LEGAL, PROPERLY ISSUED AND OWNER-APPROVED CHANGE ORDERS. ALL CONTRACTORS, SUBCONTRACTORS, VENDORS, AND MANUFACTURERS ARE RESPONSIBLE FOR ALL INFORMATION THAT MAY BE KNOWN BY VISITING THE SITE, ALL APPLICABLE LAWS, CODES, REGULATIONS, AND CURRENT PRACTICES AND INDUSTRY STANDARDS GOVERNING THE SCOPE OF WORK.

### INDEMNIFICATION

TO THE FULLEST EXTENT PERMITTED BY LAW AND REGULATIONS, THE GENERAL CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, DIRECT AND INDIRECT OR CONSEQUENTIAL (INCLUDING BUT NOT LIMITED TO FEES, AND CHARGES OF ATTORNEYS AND OTHER PROFESSIONAL AND COURT AND ARBITRATION COSTS) ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF WORK, PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS OR EXPENSE (A) IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING THE LOSS OF USE RESULTING THEREFROM AND (B) IS CAUSED BY ANY NEGLIGENT ACT OR OMISSION OF THE GENERAL CONTRACTOR OR ANY PERSON OR ORGANIZATION DIRECTLY OR INDIRECTLY EMPLOYED BY THE GENERAL CONTRACTOR TO PERFORM OR FURNISH ANY OF THE WORK OR ANYONE OF WHOSE ACTS THE GENERAL CONTRACTOR MAY BE LIABLE.

### WARRANTIES

ASSEMBLE WARRANTIES PROVIDED BY EACH RESPECTIVE MANUFACTURER, SUPPLIER AND SUBCONTRACTOR. THE GENERAL CONTRACTOR SHALL ISSUE A COMPREHENSIVE WARRANTY ON ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR STARTING FROM THE DATE OF SUBSTANTIAL COMPLETION.

### SUBSTITUTIONS

DISCOUNT TIRE STANDARDS OF CONSTRUCTION ARE SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS, WHICH ARE USED BY THE GENERAL CONTRACTOR TO BASE THEIR BID. DISCOUNT TIRE EXPECTS CONSTRUCTION TO BE IN ACCORDANCE WITH THOSE STANDARDS OF CONSTRUCTION. THE GENERAL CONTRACTOR'S WINNING BID IS A COMMITMENT ON THE PART OF THE GENERAL CONTRACTOR TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. IF THE GENERAL CONTRACTOR DEVIATES FROM THOSE CONSTRUCTION DOCUMENTS THEN THE GENERAL CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE PERFORMANCE OF ANY AND ALL UNAPPROVED CHANGES. THIS INCLUDES THE RESPONSIBILITY TO REPAIR OR REPLACE, AT THE OWNER'S REQUEST AND AT THE GENERAL CONTRACTOR'S EXPENSE, ANY UNAPPROVED MATERIAL SUBSTITUTIONS THAT FAIL TO PERFORM AT LEAST AS WELL AS THOSE MATERIALS SHOWN IN THE CONSTRUCTION DOCUMENTS ON WHICH THE GENERAL CONTRACTOR'S WINNING BID WAS BASED.

### STANDARD DOCUMENTS

THE FOLLOWING IS A LIST OF STANDARD DOCUMENT FORMS THAT SHALL BE USED DURING THE CONSTRUCTION PHASE OF THIS PROJECT FOR DOCUMENTING SITUATIONS THAT ARE DESCRIBED WITHIN:

- "CONSTRUCTION CHANGE AUTHORIZATION" AIA DOCUMENT G713
- "SHOP DRAWINGS AND SAMPLE RECORD" AIA DOCUMENT G712
- "PROJECT APPLICATION AND PROJECT CERTIFICATION FOR PAYMENT" AIA DOCUMENT G722
- "PROJECT APPLICATION SUMMARY" AIA DOCUMENT G723
- "CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS" AIA DOCUMENT G706A
- "CERTIFICATION OF SUBSTANTIAL COMPLETION" AIA DOCUMENT G704

### PAY REQUEST

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A SCHEDULE WITH THE OWNER FOR REGULAR PAY REQUESTS. APPLICATIONS FOR PAYMENT ON MATERIALS STORED OFF SITE WILL NOT BE APPROVED.

### JOB SITE CONDITIONS

ALL OPERATIONS AND DUTIES ON THE JOB SITE SHALL BE PERFORMED FOLLOWING LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK. A COPY OF MATERIAL SAFETY DATA SHEETS SHALL BE KEPT ON SITE FOR ALL RELATED MATERIALS USED ON THE PROJECT. A LIST OF EMERGENCY PHONE NUMBERS MUST BE POSTED AT ALL TIMES AND ADEQUATE FIRST AID SUPPLIES AS WELL AS FIRE PROTECTION MEANS SHALL BE KEPT ON THE JOB SITE.

EROSION CONTROL DURING THE CONSTRUCTION PHASE SHALL BE PROVIDED AS REQUIRED PER SCOPE. SECURITY AS DEEMED NECESSARY SHALL BE PROVIDED FOR PROTECTION OF CONSTRUCTION MATERIALS AND OWNER SUPPLIED EQUIPMENT. TEMPORARY FACILITIES ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR DURING THE CONSTRUCTION PHASE WHICH INCLUDE, BUT ARE NOT LIMITED TO, TEMPORARY LIGHTING, TEMPORARY POWER, TEMPORARY WATER AND TEMPORARY TOILET FACILITIES. THE JOB SITE IS TO BE KEPT CLEAN ON A DAILY BASIS. PROVISIONS SHALL BE MADE BY THE GENERAL CONTRACTOR FOR PROPER LEGAL REMOVAL AND DISPOSAL OF ALL WASTE AND DEBRIS. GENERAL CONTRACTOR TO PROVIDE JOB SITE SECURITY FENCING. GENERAL CONTRACTOR TO PROVIDE TRENCH SHORING AS REQUIRED PER O.S.H.A TECHNICAL GUIDE, SECTION V, CHAPTER 2.

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE A TEMPORARY WORKING TELEPHONE ON THE JOB SITE. FULL TIME, EXPERIENCED AND KNOWLEDGEABLE SUPERVISION IS REQUIRED ON THE JOB SITE AT ALL TIMES WORK IS IN PROGRESS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TEMPORARY STORAGE TRAILER, WHICH CAN SECURELY CONTAIN THE "OWNER FURNISHED EQUIPMENT", AS IT IS DELIVERED TO THE JOB SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECEIVE AND SECURELY STORE "OWNER FURNISHED ITEMS". THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR NOTING ANY SHIPPING DAMAGE TO THESE ITEMS, AND PROVIDING PROPER DOCUMENTATION TO THE FREIGHT COMPANY, AND THE OWNER, IN ORDER THAT REPLACEMENT PARTS CAN BE OBTAINED, AND PROPER CREDIT CAN BE OBTAINED FROM THE SHIPPER.

### CONTRACTOR CLOSE OUT

BEFORE THE CONTRACT FOR CONSTRUCTION MAY BE CLOSED OUT, THE FOLLOWING REQUIREMENTS MUST BE SATISFIED:

- FINAL CONSTRUCTION CLEAN COMPLETED ON BUILDING AND SITE.
- ALL ITEMS ON ALL PUNCH LISTS COMPLETED TO THE OWNER'S SATISFACTION.
- A SET OF AS-BUILT DRAWINGS, SHOWING ALL MODIFICATIONS AND REVISIONS MADE TO THE ORIGINAL SET OF DRAWINGS, SUBMITTED TO THE OWNER.
- ALL OPERATING AND MAINTENANCE DATA SUBMITTED TO THE OWNER.
- ALL WARRANTIES SUBMITTED TO THE OWNER.
- ALL FINAL LIEN RELEASES SUBMITTED TO THE OWNER.
- CERTIFICATE OF OCCUPANCY SUBMITTED TO OWNER.

### CONTRACTOR WARRANTY

THE GENERAL CONTRACTOR SHALL PROVIDE A ONE-YEAR INSTALLATION WARRANTY FOR ALL "OWNER SUPPLIED / CONTRACTOR INSTALLED" MATERIAL & EQUIPMENT. IF THE MANUFACTURER OF ANY SUCH "OWNER SUPPLIED / CONTRACTOR INSTALLED" MATERIAL OR EQUIPMENT AGREES TO REPLACE SUCH MATERIAL OR EQUIPMENT IN CONNECTION WITH A MANUFACTURER'S WARRANTY, THE GENERAL CONTRACTOR SHALL PERFORM, FREE OF CHARGE UNDER HIS WARRANTY, ALL WORK, INCLUDING ALL SERVICE CALLS, LABOR, MISCELLANEOUS MATERIAL, EQUIPMENT RENTAL, CITY PERMIT AND FEES (IF REQUIRED) AND ANY OTHER ITEM OR WORK REQUIRED FOR INSTALLATION OF SUCH REPLACEMENT MATERIAL AND EQUIPMENT. THIS WARRANTY SHALL BE FOR THE PERIOD OF ONE YEAR STARTING AT THE DATE OF SUBSTANTIAL COMPLETION OF THE ORIGINAL PROJECT.

### SUBMITTALS OF SHOP DRAWINGS OR MATERIALS SAMPLES

THE DISCOUNT TIRE ARCHITECT WILL NOT ACCEPT OR REVIEW ANY SHOP DRAWINGS OR SAMPLES OTHER THAN THOSE LISTED ON THE COVER SHEET. PLEASE REFER TO THE COVER SHEET FOR A BREAKDOWN ON SUBMITTAL PROCEDURES.

## GENERAL NOTES

- WE CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT THE DESIGN OF THIS PROJECT COMPLIES WITH THE APPLICABLE PROVISIONS OF THE REQUIREMENTS OF CURRENT FEDERAL ADA GUIDELINES.
- ALL EXITS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE PROHIBITED.
- STUD PARTITIONS TO BE ANCHORED TO RESIST A LATERAL LOAD OF 5 P.S.F. OR AS LOCAL STORM RATINGS REQUIRE, WHICHEVER IS GREATER.
- ALL INTERIOR OR EXTERIOR GLASS SUBJECT TO HUMAN IMPACT SHALL CONFORM TO STANDARDS SET FORTH BY THE SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS, TITLE 16 CFR, PART 1201, AS ISSUED BY THE CONSUMER PRODUCT SAFETY COMMISSION, EFFECTIVE JULY, 1972, INCLUDING ALL AMENDMENTS.
- INTERIOR WALLS AND CEILING FINISHES SHALL COMPLY WITH REQUIREMENTS SET IN TABLE 803.5 AS LISTED BELOW:

|  | M | S-1 |
|--|---|-----|
| VERTICAL EXITS & PASSAGEWAY              | B | C   |
| EXIT ACCESS CORRIDORS & OTHER EXIT WAYS: | C | C   |
| ROOMS AND ENCLOSED SPACES:               | C | C   |

- THE CONTRACTOR SHALL INSPECT THE PREMISES IMMEDIATELY TO CHECK EXISTING WORKING CONDITIONS. SHOULD CONTRACTOR FIND CONDITIONS WHICH HE BELIEVES WOULD IMPEDE HIS WORK, THEN SUCH CONDITIONS MUST BE REPORTED IMMEDIATELY TO THE CONSTRUCTION ADMINISTRATOR. FAILURE TO SO ADVISE WILL CONSTITUTE NOTICE THAT THE CONTRACTOR IS FULLY SATISFIED WITH THE EXISTING CONDITIONS AND THAT HE INTENDS TO PERFORM HIS OBLIGATIONS WITH NO ALLOWANCE EITHER IN TIME OR MONEY FOR ANY IMPEDIMENTS TO HIS WORK.
- THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO WORK BEING STARTED AND FOLLOW UP IN WRITING WITHIN TWO WORKING DAYS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. IF DIMENSIONAL ERRORS OCCUR OR CONDITIONS NOT COVERED IN THE DRAWINGS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ASSIGNED CONSTRUCTION MANAGER BEFORE COMMENCING THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS OR INSTRUCTIONS UNLESS HEREINAFTER SPECIFIED TO THE CONTRARY.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND / OR INSTALLATION, MEANS, METHODS, TECHNIQUES, AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE ON THE CONTRACTION DOCUMENTS. DO NOT SCALE DRAWINGS.
- ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER, ACCEPTABLE TO THE OWNER.
- WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED AND BE OF THE BEST MATERIALS, AND WORKMANSHIP.
- UNLESS OTHERWISE SPECIFICALLY NOTED, THE CONTRACTOR SHALL PROVIDE AND FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR THE PROJECT IN "LIEN FREE" CONDITIONS. EVIDENCE OF PAYMENT TO ALL BUILDING TRADES AND SUPPLIERS SHALL BE PROVIDED, AS INDICATED IN THE PROJECT MANUAL.
- THE OWNER SHALL PAY ALL FEES FOR PERMITS, ETC. NECESSARY FOR PROPER COMPLETION OF THE WORK, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR WARRANTS TO THE OWNER THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW, UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE GOOD QUALITY, FREE FROM DEFECTS AND FAULTS, AND ACCORDANCE WITH THESE CONSTRUCTION DOCUMENTS. ALL WORK NOT SO CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR NON-CONFORMING WORK OR MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED INTO THE WORK OR AT ANY TIME BEFORE OR AFTER FINAL ACCEPTANCE. IF REQUIRED BY THE OWNER, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT.
- THE WARRANTIES AND GUARANTEES PROVIDED IN THE CONSTRUCTION DOCUMENTS SHALL BE IN ADDITION TO AND NOT IN LIMITATION OF ANY OTHER WARRANTY OR GUARANTY OR REMEDY REQUIRED BY LAW OR BY THE CONSTRUCTION DOCUMENTS.
- MASONRY SIZES SHOWN ON THE DRAWINGS SHALL BE NOMINAL.
- PROVIDE PROTECTIVE COATINGS WHERE DISSIMILAR METALS MAKE CONTACT.
- ALL WALL PENETRATIONS THROUGH EXTERIOR WALLS SHALL BE SEALED.
- UNLESS NOTED OTHERWISE, ELECTRICAL CONDUITS, PLUMBING LINES, AND MECHANICAL PIPING SHALL BE CONCEALED AND FRAMING SHALL BE OF ADEQUATE DIMENSION TO ACCOMPLISH THIS WITHOUT UNNECESSARY CHANGES IN THE WALL PLANE.
- PROVIDE 2X BLOCKING (OR LARGER AS NECESSARY) FOR ALL WALL MOUNTED HARDWARE. COORDINATE THE LOCATION OF ALL BLOCKING AS REQUIRED.
- INTERIOR FINISH SURFACE SHALL NOT BE INSTALLED UNTIL THE BUILDING IS WEATHER-TIGHT.
- ALL SURFACES EXPOSED TO VIEW SHALL BE FINISHED AS SPECIFIED.
- ALL MECHANICAL, ELECTRICAL, PLUMBING, AND SPECIAL SYSTEMS, PIPING, CONDUIT, EQUIPMENTS, DUCTS, ETC. SHALL RUN CONCEALED BEHIND FINISHED SURFACES UNLESS NOTED OTHERWISE. ALL PIPING SHALL RUN PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE AND, IF EXPOSED ON THE EXTERIOR OF THE BUILDING, SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE.
- TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT SHALL APPLY UNLESS NOTED OTHERWISE. GENERAL CONTRACTOR SHALL COORDINATE ALL TRADES AND METHODS OF CONSTRUCTION AS REQUIRED FOR COMPLETION OF THE PROJECT WITH THE INTENT OF THESE DOCUMENTS.
- CONSTRUCTION DEBRIS SHALL BE LEGALLY REMOVED AND DISPOSED OF ON A CONTINUOUS SCHEDULE. THE SITE SHALL BE MAINTAINED "NEAT" IN APPEARANCE. THE GENERAL CONTRACTOR SHALL PROVIDE A TRASH DUMPSTER ON THE SITE INTO WHICH THE OWNER CAN PLACE PACKING MATERIAL AND TRASH RESULTING FROM OWNER FURNISHED EQUIPMENT.
- VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION OR TRENCHING. GENERAL CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF DAMAGED UTILITIES.

- PROVIDE AND COORDINATE BLOCK-OUTS, SLEEVES, INSETS, BOLTS, ANCHOR PLATES, ETC., FOR ALL TRADES, PRIOR TO PLACING OR REPLACING CONCRETE OR MASONRY.
- ALL PRODUCTS LISTED BY I.C.B.O. NUMBER SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTIONS. PRODUCT SUBSTITUTION SHALL ALSO HAVE I.C.B.O. APPROVED EVALUATION REPORT OR BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCY.
- FOR ALL INTERIOR, SLAB-ON-GRADE FLOORS, WHETHER TO RECEIVE THIN-SET TILE APPLICATION, OR POLISHED FLOOR FINISH SHALL MEET FF40 FLATNESS AND FL30 LEVEL CRITERIA. THIS REQUIREMENT INCLUDES THE RESTROOMS. RESTROOM FLOOR DRAINS SHALL BE LEVEL AND AT SAME HEIGHT AS TILE. BLEMISHES TO BE REPAIRED BEFORE POLISHING.
- PROVIDE BUILDING ADDRESS. LETTERS, LEGIBLE FROM THE ADJACENT PUBLIC ROADWAY, OR AS REQUIRED BY LOCAL FIRE PREVENTION DEPARTMENT. LETTER SIZE, COLOR, AND LOCATION TO BE COORDINATED WITH LOCAL REQUIREMENTS. GENERAL CONTRACTOR TO PROVIDE TEMPORARY JOB SITE ADDRESS, OWNER TO PROVIDE PERMANENT ADDRESS SIGNAGE AS PART OF BUILDING SIGNAGE.

- PROVIDE GAS AND ELECTRICAL METER LABELS - MINIMUM 1" HIGH LETTERS.
- ALL WOOD PROVIDED ON THE JOB SHALL BE FIRE RETARDANT-TREATED (F.R.T.).
- CONTRACTOR SHALL CONTACT ALL LOCAL UTILITY PROVIDERS AND INCLUDE ALL NECESSARY WORK FOR A COMPLETE WORKING SYSTEM. THIS INCLUDES, BUT IS NOT LIMITED TO, UNDERGROUND TRENCHING, PIPING, TRANSFORMER PAD, CONCRETE VAULTS, CONDUITS, PULL LINES, JUNCTION BOXES, PEDESTALS, MANHOLES, CONNECTIONS, TAPS, BACKFLOW PREVENTERS, ENCLOSURES, VALVES, FITTINGS, METER PITS, AND METERS. CONTRACTOR SHALL PROVIDE A SCHEDULE OF COSTS FOR THE ABOVE ITEMS. OWNER SHALL PAY FOR UTILITY TAP FEES.

- ALL SPRINKLER APPROVALS, WHEN REQUIRED, ARE NOT INCLUDED UNDER THIS REVIEW, BUT ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR MUST MAKE SEPARATE SUBMITTAL TO THE DEPARTMENT OF PUBLIC SAFETY, FIRE PREVENTION DEPARTMENT, ETC., AS NECESSARY.

- FIRE SPRINKLER SYSTEMS DESIGN AND SHOP DRAWINGS SHALL BE SUBMITTED BY GENERAL CONTRACTOR TO LOCAL FIRE DEPARTMENT FOR APPROVAL UNDER A SEPARATE PERMIT PRIOR TO FABRICATION AND INSTALLATION.

- PLEASE NOTE THAT IT IS THE POLICY OF DISCOUNT TIRE COMPANY TO MAINTAIN STRICT CONFIDENTIALITY DURING THE BIDDING PROCESS. A BID LIST WILL NOT BE DISCLOSED TO GENERAL CONTRACTORS, SUB-CONTRACTORS OR VENDERS. PLANS OR INFORMATION CONCERNING THE PROJECT SHALL NOT BE DISTRIBUTED TO ANY CONTRACTOR'S INFORMATION SERVICES SUCH AS DODGE REPORTS, OR PLAN ROOMS OR ANY PARTY NOT SPECIFICALLY INVITED TO PARTICIPATE IN THE PROJECT.

- CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A LOCAL BRACING FIRM TO PRODUCE A BRACING PLAN, AS REQUIRED PER PROJECT SCOPE, WHICH WILL BE SUFFICIENT TO BRACE THE WALLS AGAINST ALL LOCAL FACTORS OF CLIMATE AND WEATHER, AND FOR SENDING TWO COPIES OF THIS BRACING PLAN TO THE CONSTRUCTION MANAGER FOR DISTRIBUTION TO THE PROJECT ARCHITECT AND STRUCTURAL ENGINEER FOR THEIR RECORDS/REFERENCE ONLY. THIS BRACING PLAN SHALL BE SEALED BY AN ENGINEER REGISTERED IN THE STATE OF JURISDICTION. THE BRACING PLAN IS FOR DISCOUNT TIRE'S RECORDS/ REFERENCE ONLY.

- AT THE START OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE A 6' TALL CHAIN LINK FENCE THAT ENCOMPASSES THE ENTIRE WORK SITE AS APPLICABLE TO THE PROJECT SCOPE. CONTRACTOR SHALL REMOVE FENCE ONCE CONSTRUCTION IS COMPLETE.

- GENERAL CONTRACTOR TO PROVIDE DUMPSTER FOR THE ENTIRE PROJECT INCLUDING FOR OWNER'S USE WHEN EQUIPMENT/OWNER FURNISHED ITEMS ARE BEING DELIVERED/INSTALLED.

- GENERAL CONTRACTOR TO PROVIDE/PAY FOR FORKLIFT FOR OWNER'S USE DURING LAST 30 DAYS PRIOR TO STORE OPENING.

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10/22/2024



*Donald J. Rothman*

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| No. | Description | Date |
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

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|------------|--|
| SHEET NAME | ABBREVIATED GENERAL CONDITIONS AND NOTES |
|------------|--|

|         |      |
|---------|------|
| SHEET # | G0.2 |
|---------|------|

**RESPONSIBILITY SCHEDULE**

|   | EXISTING | FURNISHED | INSTALLED | LL        |           | G.C.      |           | OWNER     |           | REMARKS  |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|   |          |           |           | FURNISHED | INSTALLED | FURNISHED | INSTALLED | FURNISHED | INSTALLED |  |
| <b>1 CONDITIONS OF THE CONTRACT</b>   |          |           |           |           |           |           |           |           |           |  |
| MAIN BUILDING PERMIT  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER  |
| SIGNAGE PERMIT  | ●        |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER, UNDER SEPARATE COVER  |
| TRAFFIC PLANNING & PERMITS  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER; GC TO SCHEDULE W/ MUNICIPALITY                                      |
| OTHER APPLICABLE PERMITS  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER  |
| SECURITY DEPOSIT  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>2 GENERAL REQUIREMENTS</b>   |          |           |           |           |           |           |           |           |           |  |
| TEMPORARY JOB SITE CONSTRUCTION   |          |           |           |           |           | ●         | ●         |           |           | TRAILER, PHONE, TOILET, TRASH DUMPSTER, FENCE, ETC.                                    |
| TEMPORARY STORE FACILITIES  |          |           |           |           |           | ●         | ●         |           |           | GC TO COORDINATE W/ OWNER AS APPLICABLE PER LOCATION                                   |
| <b>3 DEMOLITION</b>   |          |           |           |           |           |           |           |           |           |  |
| DEMOLITION  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>4 SITE WORK</b>  |          |           |           |           |           |           |           |           |           |  |
| SILT SCREEN & ALL RELATED EROSION CONTROL MEASURES  |          |           |           |           |           | ●         | ●         |           |           |  |
| COMPACTION TEST ON SELECT FILL UNDER NEW CONSTRUCTION SLAB & ON LIME STABILIZATION AREAS, AS APPLIES, PER GEOTECHNICAL REPORT   |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER, INCLUDES RETESTING DUE TO FAILURE OF PREVIOUS TESTS                 |
| SAMPLE & TEST CONCRETE (PIER POUR, GRADE BEAM POUR, SLAB POUR, PAVING POUR, MASONRY GROUT, ETC. AS APPLICABLE)                  |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER, INCLUDES RETESTING DUE TO FAILURE OF PREVIOUS TESTS                 |
| SCHEDULING OF SAMPLES AND TESTS   |          |           |           |           |           | ●         | ●         |           |           | OWNER / CONSTRUCTION MANAGER TO VERIFY   |
| CONSERVATION OF PIER EXCAVATION & POOR BY ENGINEERING LAB   |          |           |           |           |           | ●         | ●         |           |           | PAID FOR BY OWNER  |
| REMOVAL OF EXISTING TOPSOIL, EXISTING TREES, ROUGH BRADING  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| COMPACTED FILL UNDER NEW BUILDING AREA, PAVING AREAS, LIME STABILIZATION UNDER PAVING AREAS, PER GEOTECHNICAL REPORT            |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| EXCAVATION FORM WORK, TEMPORARY CASINGS, BACK FILLING   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| VAPOR BARRIER & SAND CUSHION UNDER BUILDING SLAB  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL & STRUCTURAL DRAWINGS, AS APPLICABLE                                    |
| CONCRETE SIDEWALKS, HC RAMPS, PAVING, DRIVEWAYS, CURBS, APRONS, DRAINAGE SWELLS, ETC.   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| PARKING LOT STRIPING FOR PARKING SPACES, HO PARKING SPACES, FIRE LANES, METAL HC PARKING SIGNS, STRIPING FOR LOADING AREA, ETC. |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS AND/OR A02, AS APPLICABLE                                      |
| PRE-CAST PARKING CURBS, ANCHORED IN PAVING  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| SAW CUTTING & SEALING CONTROL JOINTS IN CONCRETE PAVING AREAS   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| FINAL GRADING FOR LANDSCAPE AREAS   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| LANDSCAPE PLANTS & MATERIALS  |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| MODIFICATIONS TO EXISTING AUTOMATIC IRRIGATION SYSTEM   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL DRAWINGS, AS APPLICABLE   |
| <b>5 CONCRETE / MASONRY</b>   |          |           |           |           |           |           |           |           |           |  |
| CONCRETE SLAB ON GRADE  | ●        |           |           |           |           |           |           |           |           |  |
| CONCRETE PATCHING (SLAB CORING, TRENCHING, JOINTS)  |          |           |           |           |           | ●         | ●         |           |           |  |
| CONCRETE PIERS, GRADE BEAMS, FLOOR SLAB REINFORCEMENT   |          |           |           |           |           | ●         | ●         |           |           | REFER TO CIVIL & STRUCTURAL DRAWINGS, AS APPLICABLE                                    |
| TRENCH DRAIN  | ●        |           |           |           |           |           |           |           |           |  |
| TEMPORARY BRACING OF MASONRY WALLS  |          |           |           |           |           | ●         | ●         |           |           |  |
| MASONRY (STANDARD FACE, SPLIT-FACE, LINTEL BLOCKS, ETC)   | ●        |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| HORIZONTAL & VERTICAL STEEL REINFORCING   |          |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| MORTAR GROUT  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>6 STEEL</b>  |          |           |           |           |           |           |           |           |           |  |
| PRE-FABRICATED STEEL COMPONENTS   |          |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| PRE-FABRICATED STEEL ROOF, TRUSSES, BEAMS, LINTELS, CORRUGATED STEEL ROOF, FLOOR DECKING, ETC.                                  |          |           |           |           |           | ●         | ●         |           |           | SEE STRUCTURAL DRAWINGS  |
| CORRUGATED METAL WALL PANELS (INCLUDING PERIMETER EDGE)   |          |           |           |           |           | ●         | ●         |           |           |  |
| LIGHT GAUGE STEEL FRAMING (STUDS, CHANNELS, FURRING, ETC.)  |          |           |           |           |           | ●         | ●         |           |           |  |
| PARAPET CAP   |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>7 WOOD AND PLASTICS</b>  |          |           |           |           |           |           |           |           |           |  |
| CARPENTRY   |          |           |           |           |           | ●         | ●         |           |           |  |
| BLOCKING / ANCHORING  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>8 THERMAL / MOISTURE PROTECTION</b>  |          |           |           |           |           |           |           |           |           |  |
| ROOF MATERIALS (MEMBRANE, FLASHING, FELT, ETC.)   | ●        |           |           |           |           | ●         | ●         |           |           | COORDINATE TRANSITION BETWEEN NEW AND EXISTING MATERIALS AS REQUIRED PER PROJECT SCOPE |
| FIRESTOPPING  |          |           |           |           |           | ●         | ●         |           |           |  |
| JOINT SEALERS   |          |           |           |           |           | ●         | ●         |           |           |  |
| INSULATION  | ●        |           |           |           |           | ●         | ●         |           |           |  |
| <b>9 DOORS AND WINDOWS</b>  |          |           |           |           |           |           |           |           |           |  |
| METAL DOORS AND FRAMES  | ●        |           |           |           |           | ●         | ●         |           |           | KNOCKED DOWN DOOR FRAMES; PROVIDE LOUVERS AS REQ.                                      |
| DOOR HARDWARE   | ●        |           |           |           |           | ●         | ●         |           |           | G.C. TO SUBMIT TO ARCHITECT  |
| CORES & KEYS  | ●        |           |           |           |           | ●         | ●         |           |           |  |
| THERMALLY BROKEN ALUMINUM STOREFRONT W/ LOW-E INSULATED GLAZING UNITS   |          |           |           |           |           | ●         | ●         |           |           |  |
| GLAZING   |          |           |           |           |           | ●         | ●         |           |           |  |
| STOREFRONT ENTRY DOORS  |          |           |           |           |           | ●         | ●         |           |           |  |
| <b>10 FINISHES</b>  |          |           |           |           |           |           |           |           |           |  |
| GYPSUM BOARD, FRAMING & BLOCKING  |          |           |           |           |           | ●         | ●         |           |           |  |
| SUSPENDED ACOUSTICAL CEILING TILE SYSTEM  |          |           |           |           |           | ●         | ●         |           |           |  |
| SUSPENDED GYPSUM BOARD CEILING  |          |           |           |           |           | ●         | ●         |           |           |  |
| WATER PROOFING MEMBRANE   |          |           |           |           |           | ●         | ●         |           |           |  |
| FIBER REINFORCED PLASTIC PANELS & ASSOCIATED TRIM   |          |           |           |           |           | ●         | ●         |           |           |  |
| PAINTING (INTERIOR)   |          |           |           |           |           | ●         | ●         |           |           |  |
| PAINTING (EXTERIOR)   |          |           |           |           |           | ●         | ●         |           |           |  |
| EXTERIOR ACRYLIC COMPOSITE MATERIAL PANELS (ACM)  |          |           |           |           |           | ●         | ●         |           |           |  |

|   | EXISTING | FURNISHED | INSTALLED | LL        |           | G.C.      |           | OWNER     |           | REMARKS  |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|   |          |           |           | FURNISHED | INSTALLED | FURNISHED | INSTALLED | FURNISHED | INSTALLED |  |
| CONCRETE SEALER   |          |           |           |           |           |           |           | ●         | ●         |  |
| CONCRETE POLISHING  |          |           |           |           |           |           |           | ●         | ●         |  |
| MASONRY SEALER  |          |           |           |           |           |           |           | ●         | ●         |  |
| BREAK METAL   |          |           |           |           |           |           |           | ●         | ●         |  |
| TILE (FLOOR & WALL)   |          |           |           |           |           |           |           | ●         | ●         |  |
| PEDIMAT   |          |           |           |           |           |           |           | ●         | ●         |  |
| RUBBER COVE WALL BASE   |          |           |           |           |           |           |           | ●         | ●         |  |
| EXTERIOR INSULATION & FINISH SYSTEM (EIFS)  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| <b>11 SPECIALTIES</b>   |          |           |           |           |           |           |           |           |           |  |
| RESTROOM ACCESSORIES  |          |           |           |           |           |           |           | ●         | ●         | SOAP DISPENSER, PAPER TOWEL DISPENSER, MIRROR, TOILET PAPER HOLDER, TOILET SEAT COVER DISPENSER, GRAB BARS, VANITY, VANITY HARDWARE, ETC.  |
| INTERIOR SIGNAGE (GC FURNISHED)   |          |           |           |           |           |           |           | ●         | ●         | APPLICABLE RESTROOM, ACCESSIBILITY, EGRESSING, ETC. COORDINATE WITH APPROPRIATE BUILDING OFFICIAL AS REQ.  |
| INTERIOR SIGNAGE (OWNER FURNISHED)  |          |           |           |           |           |           |           | ●         | ●         | FIVE LIFE LESSONS, FREE WIFI, FOCAL WALL   |
| EXTERIOR SIGNAGE  | ●        |           |           |           |           |           |           |           |           | EXISTING SIGNAGE TO BE SALVAGED AND RELOCATED. UNDER SEPARATE COVER / PERMIT, INCLUDES BUILDING, POLE, AND/OR MONUMENT SIGNS. GC TO INSTALL CONDUITS AND PULL STRINGS AS REQUIRED, INSTALL WIRING, AND FINAL CONNECTIONS |
| CORNER GUARDS   |          |           |           |           |           |           |           | ●         | ●         |  |
| <b>12 FURNITURE, FIXTURES, MILLWORK</b>   |          |           |           |           |           |           |           |           |           |  |
| SALES COUNTER MILLWORK, OFFICE MILLWORK, WINDOW COUNTER TOP   |          |           |           |           |           |           |           | ●         | ●         | GC TO SCHEDULE   |
| CASH DRAWER FOR SALES COUNTER   |          |           |           |           |           |           |           | ●         | ●         |  |
| COMPUTER EQUIPMENT FOR SALES COUNTER  |          |           |           |           |           |           |           | ●         | ●         |  |
| FREE STANDING FILE CABINET  |          |           |           |           |           |           |           | ●         | ●         |  |
| TV / SCREENS  |          |           |           |           |           |           |           | ●         | ●         | GC TO MAKE ALL ELECTRICAL CONNECTIONS & BACKBOARD  |
| FREESTANDING TIRE DISPLAY RACKS (SALES FLOOR)   | ●        |           |           |           |           |           |           |           |           |  |
| FURNITURE   |          |           |           |           |           |           |           | ●         | ●         |  |
| FIXTURES  |          |           |           |           |           |           |           | ●         | ●         |  |
| <b>13 FIRE PROTECTION</b>   |          |           |           |           |           |           |           |           |           |  |
| FIRE MARSHALL APPROVALS   |          |           |           |           |           |           |           | ●         | ●         | FIRE ALARM, KNOX BOX, EXTINGUISHERS, ETC.  |
| FIRE EXTINGUISHERS & ASSOCIATED MOUNTING HARDWARE   | ●        |           |           |           |           |           |           | ●         | ●         | TYPE 2A-10B-C EXTINGUISHERS, QUANTITY AND PLACEMENT PER FIRE MARSHALL  |
| SPRINKLER MAIN  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| SPRINKLER SYSTEM  | ●        |           |           |           |           |           |           | ●         | ●         | APPLICABLE DESIGN, ENGINEERING, & APPROVALS FOR MODIFICATIONS BY GC  |
| FIRE ALARM / DETECTION  | ●        |           |           |           |           |           |           | ●         | ●         | APPLICABLE DESIGN, ENGINEERING, & APPROVALS FOR MODIFICATIONS BY GC  |
| <b>14 PLUMBING (REFER TO PLUMBING DRAWINGS FOR FULL SCOPE)</b>  |          |           |           |           |           |           |           |           |           |  |
| EXISTING SERVICES TO SPACE  | ●        |           |           |           |           |           |           |           |           |  |
| WATER PIPING  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| WATER HEATER W/ DRIP PAN  | ●        |           |           |           |           |           |           |           |           |  |
| FIXTURES (VANITIES / SINKS, WATER CLOSETS, URINALS, SERVICE SINK, MOP SINK, FAUCETS, FLOOR SINKS, ETC.) |          |           |           |           |           |           |           | ●         | ●         |  |
| WATER FOUNTAIN W/ BOTTLE FILLER & ADA APRON   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| WATER METER   | ●        |           |           |           |           |           |           |           |           |  |
| NATURAL GAS METER   | ●        |           |           |           |           |           |           |           |           |  |
| NATURAL GAS PIPING  | ●        |           |           |           |           |           |           |           |           |  |
| COMPRESSED AIR SYSTEM   | ●        |           |           |           |           |           |           |           |           |  |
| <b>15 MECHANICAL (REFER TO MECHANICAL DRAWINGS FOR FULL SCOPE)</b>                                      |          |           |           |           |           |           |           |           |           |  |
| HVAC UNITS  | ●        |           |           |           |           |           |           |           |           |  |
| DUCTWORK  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| CONTROLS  | ●        |           |           |           |           |           |           | ●         | ●         |  |
| DIFFUSERS AND GRILLES   |          |           |           |           |           |           |           | ●         | ●         |  |
| EXHAUST FANS  |          |           |           |           |           |           |           | ●         | ●         |  |
| CEILING FANS  |          |           |           |           |           |           |           | ●         | ●         |  |
| SMOKE DETECTION   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| TESTING, ADJUSTING, BALANCING   |          |           |           |           |           |           |           | ●         | ●         | G.C. TO SUBMIT BALANCE REPORT TO OWNER   |
| <b>16 ELECTRICAL (REFER TO ELECTRICAL DRAWINGS FOR FULL SCOPE)</b>                                      |          |           |           |           |           |           |           |           |           |  |
| METER & METER BOX   | ●        |           |           |           |           |           |           |           |           |  |
| MAIN SWITCH / DISCONNECT  | ●        |           |           |           |           |           |           |           |           |  |
| ELECTRICAL PANELS   | ●        |           |           |           |           |           |           |           |           |  |
| WIRING, DEVICES, CONDUIT, FINISH PLATES, DISCONNECTS, CONTACTORS, WIREWAYS, PHOTOCELLS, ETC.            | ●        |           |           |           |           |           |           | ●         | ●         |  |
| TRANSFORMER   | ●        |           |           |           |           |           |           |           |           |  |
| DISTRIBUTION PANELS   | ●        |           |           |           |           |           |           |           |           |  |
| LIGHTING PACKAGE (INCLUDES ALL LAMPS & LAMP GUARDS)   |          |           |           |           |           |           |           | ●         | ●         |  |
| EMERGENCY / EXIT LIGHTING   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| PHONE & DATA SERVICE TO BUILDING  | ●        |           |           |           |           |           |           |           |           |  |
| PHONE & DATA MODIFICATIONS  |          |           |           |           |           |           |           | ●         | ●         | WIRING, DEVICES, CONDUIT, ETC.   |
| POS EQUIPMENT & HOOKUP  |          |           |           |           |           |           |           | ●         | ●         |  |
| BURGLAR DETECTION / SECURITY SYSTEM   | ●        |           |           |           |           |           |           | ●         | ●         |  |
| <b>NOTES:</b>   |          |           |           |           |           |           |           |           |           |  |
| 1. THE WORK OF THIS CONTRACT IS NOT DEFINED EXCLUSIVELY BY THE RESPONSIBILITY SCHEDULE.                 |          |           |           |           |           |           |           |           |           |  |
| 2. TO DETERMINE THE WORK OF THE CONTRACT, REVIEW ALL DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS.   |          |           |           |           |           |           |           |           |           |  |

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SHEET NAME  
**RESPONSIBILITY SCHEDULE**

SHEET #  
**G0.3**



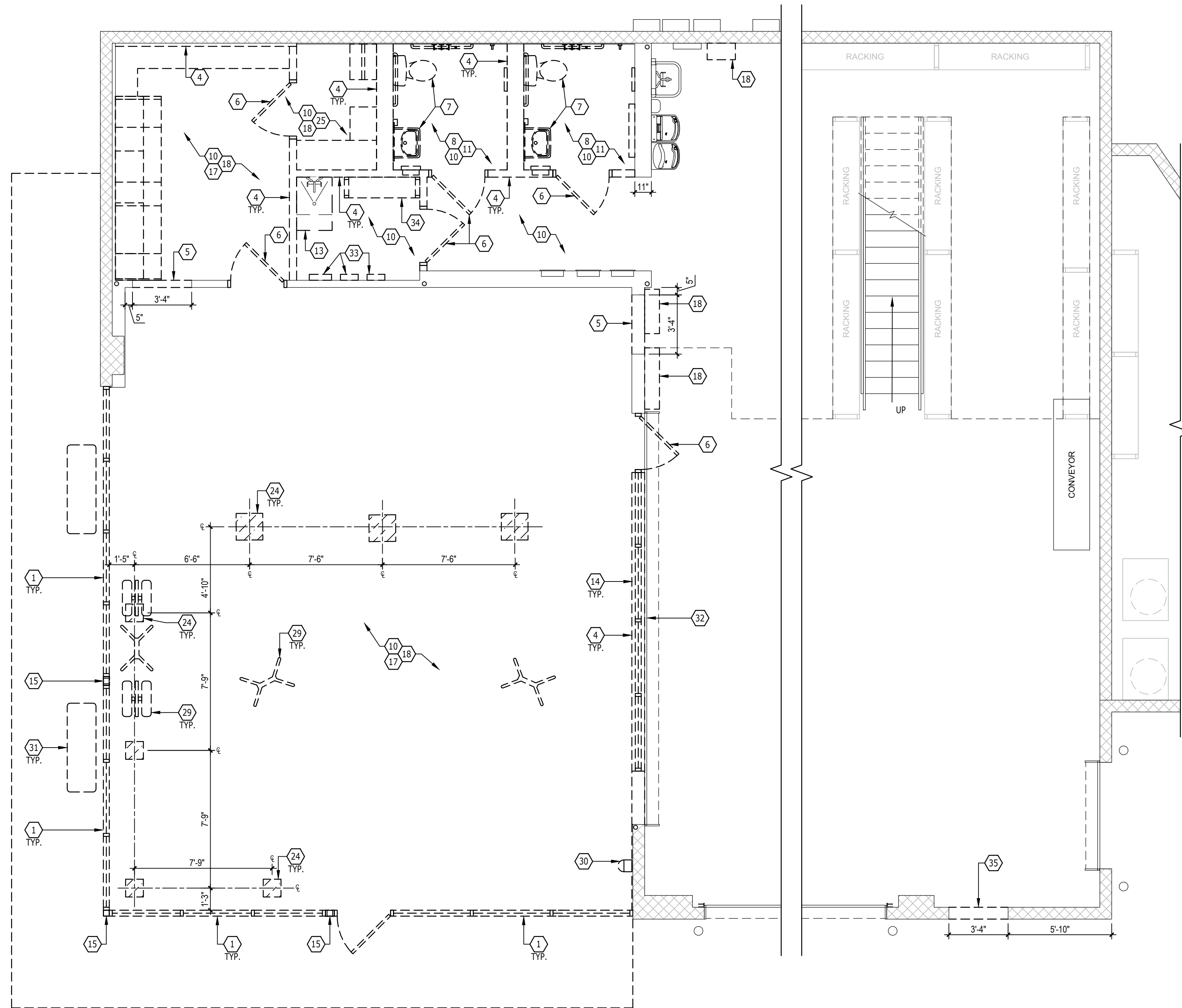


**SHEET NOTES**

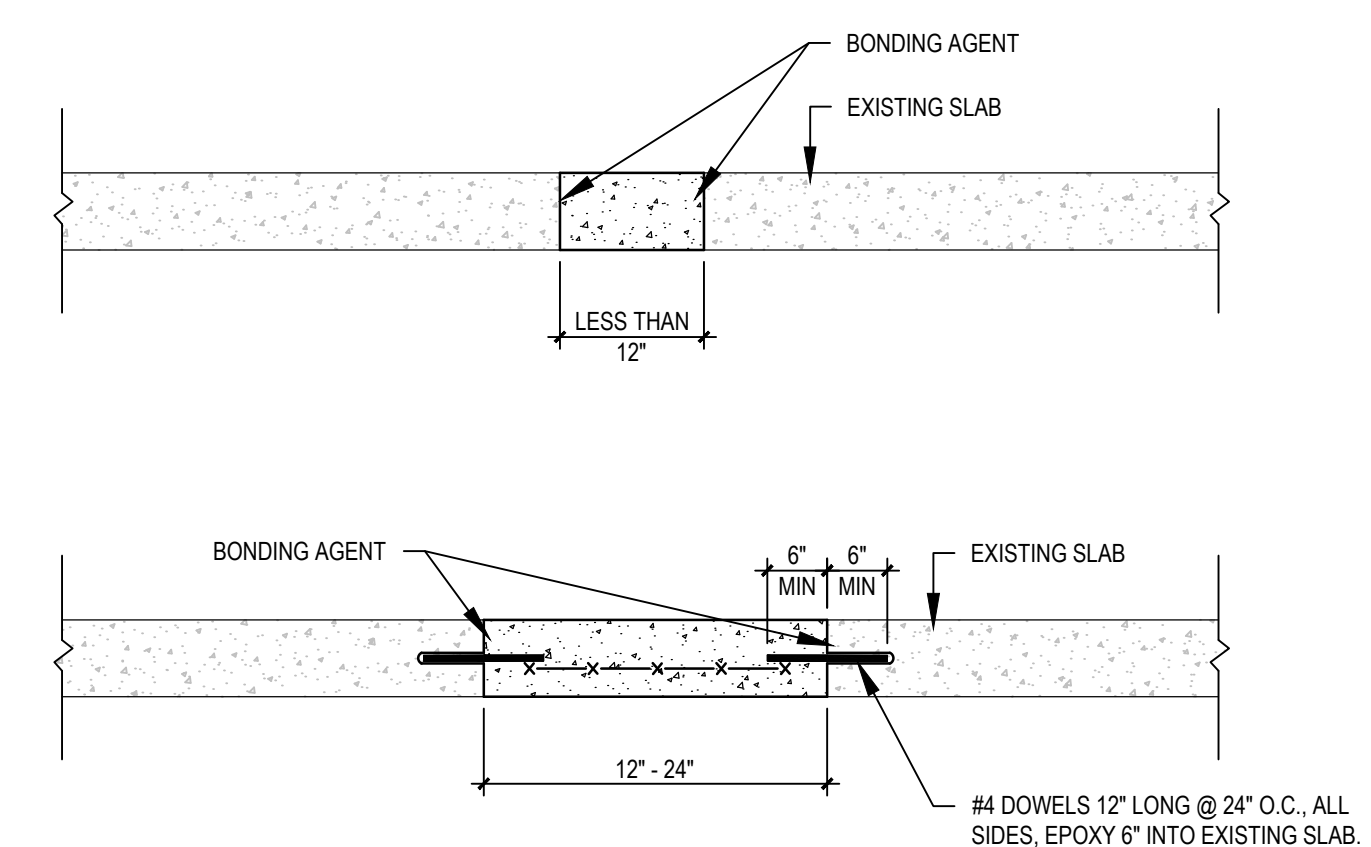
- EXISTING EXTERIOR STOREFRONT / GLAZING TO BE REMOVED. GC TO REPAIR OPENING AS REQUIRED TO ACCEPT NEW GLAZING SYSTEM AND/OR NEW EXTERIOR WALL INFILL.
- EXISTING EXTERIOR STOREFRONT / GLAZING SYSTEM TO REMAIN. GC TO REPAIR / CLEAN AS REQUIRED TO BRING UP TO "LIKE NEW" CONDITION.
- EXISTING SIDEWALK AND/OR LANDSCAPING TO BE REMOVED AS REQUIRED TO PLACE NEW STEM WALL FOR NEW EXTERIOR FRAME ELEMENT INSTALLATION. REFER TO STRUCTURAL DRAWINGS.
- EXISTING INTERIOR WALLS TO BE REMOVED, AS INDICATED.
- EXISTING INTERIOR DOORS TO BE REMOVED, AS INDICATED.
- EXISTING PLUMBING FIXTURES TO BE REMOVED, AS INDICATED.
- EXISTING RESTROOM ACCESSORIES TO BE REMOVED, UNLESS NOTED OTHERWISE TO REMAIN.
- EXISTING DRINKING FOUNTAIN TO BE REMOVED AND SALVAGED FOR RELOCATION.
- EXISTING FLOORING AND WALL BASE TO BE REMOVED. LEVEL AND PREPARE EXISTING SLAB / SUBSTRATE FOR NEW FLOORING FINISH.
- EXISTING WALL TILE AND/OR FRP TO BE REMOVED. PREPARE SUBSTRATE TO RECEIVE NEW FINISHES.
- EXISTING SERVICE SINK TO BE REMOVED AND SALVAGED FOR RELOCATION.
- EXISTING MOP SINK TO BE REMOVED.
- EXISTING INTERIOR GLAZING TO BE REMOVED.
- EXISTING STRUCTURAL COLUMN TO REMAIN. GC TO REMOVE EXISTING SURROUND AND EXPOSE COLUMN FOR NEW SURROUND FINISH INSTALL.
- EXISTING WATER METER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS.
- EXISTING MILLWORK TO BE REMOVED.
- EXISTING FIXTURES TO BE REMOVED.
- EXISTING ELECTRICAL PANELS TO BE REMOVED.
- EXISTING ELECTRICAL PANELS TO BE REMOVED AND SALVAGED FOR RELOCATION. REFER TO CONSTRUCTION FLOOR PLAN AND ELECTRICAL DRAWINGS.
- EXISTING BOLLARD TO BE REMOVED.
- EXISTING GAS METER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS.
- EXISTING ELECTRICAL METER TO BE RELOCATED. REFER TO PLUMBING DRAWINGS.
- PROVIDE TRENCHING AND BACK FILL AS REQUIRED FOR NEW FLOOR BOXES. REFER TO ELECTRICAL DRAWINGS.
- IT EQUIPMENT. GC TO COORDINATE APPLICABLE SCOPE (REMOVAL, RELOCATION, AND/OR REPLACEMENT) WITH DISCOUNT TIRE.
- EXISTING RESTROOM ACCESSORY TO REMAIN.
- EXISTING FLOOR DRAIN TO BE REMOVED. PREP EXISTING UNDERSLAB SANITARY AS REQUIRED FOR NEW FLOOR DRAIN LOCATION.
- EXISTING FLOOR DRAIN TO REMAIN.
- EXISTING TIRE DISPLAY FIXTURES TO BE REMOVED AND SALVAGED FOR REINSTALL. REFER TO SHEET I1.0 FOR PLACEMENT.
- EXISTING FIRE EXTINGUISHER TO BE REMOVED AND SALVAGED FOR RELOCATION.
- EXISTING EXTERIOR BENCHES TO BE REMOVED.
- EXISTING ROLL - DOWN FIRE DOOR TO REMAIN.
- EXISTING FIRE ALARM CONTROL PANEL TO BE REMOVED AND SALVAGED FOR RELOCATION.
- EXISTING SHELVING TO BE REMOVED.
- EXISTING EXTERIOR WALL TO BE REMOVED AS INDICATED TO ACCEPT NEW DOOR INSTALL.

**DEMO PLAN LEGEND**

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- ▨ EXISTING MASONRY TO REMAIN

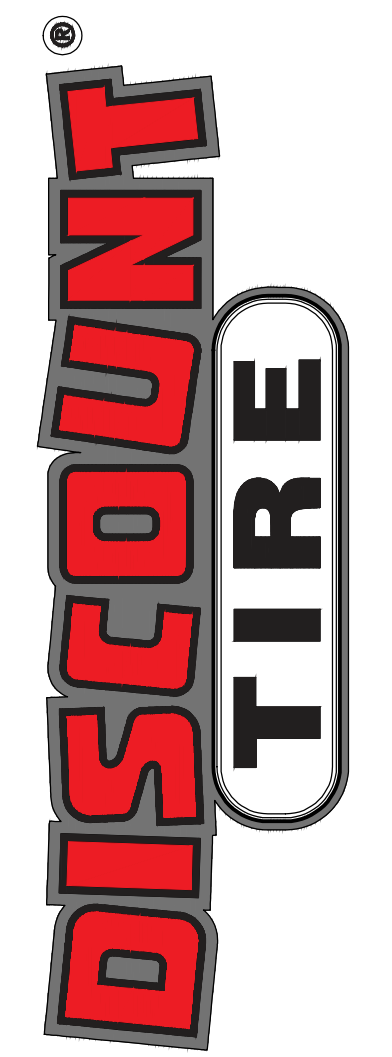


NOTE:  
SLAB TRENCH DETAILING, SHOULD IT  
BE PROVIDED BY STRUCTURAL, SHALL  
SUPERCEDE THESE DETAILS.



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

**1** TYPICAL SLAB TRENCH BACKFILL DETAILS  
3/4" = 1'-0"



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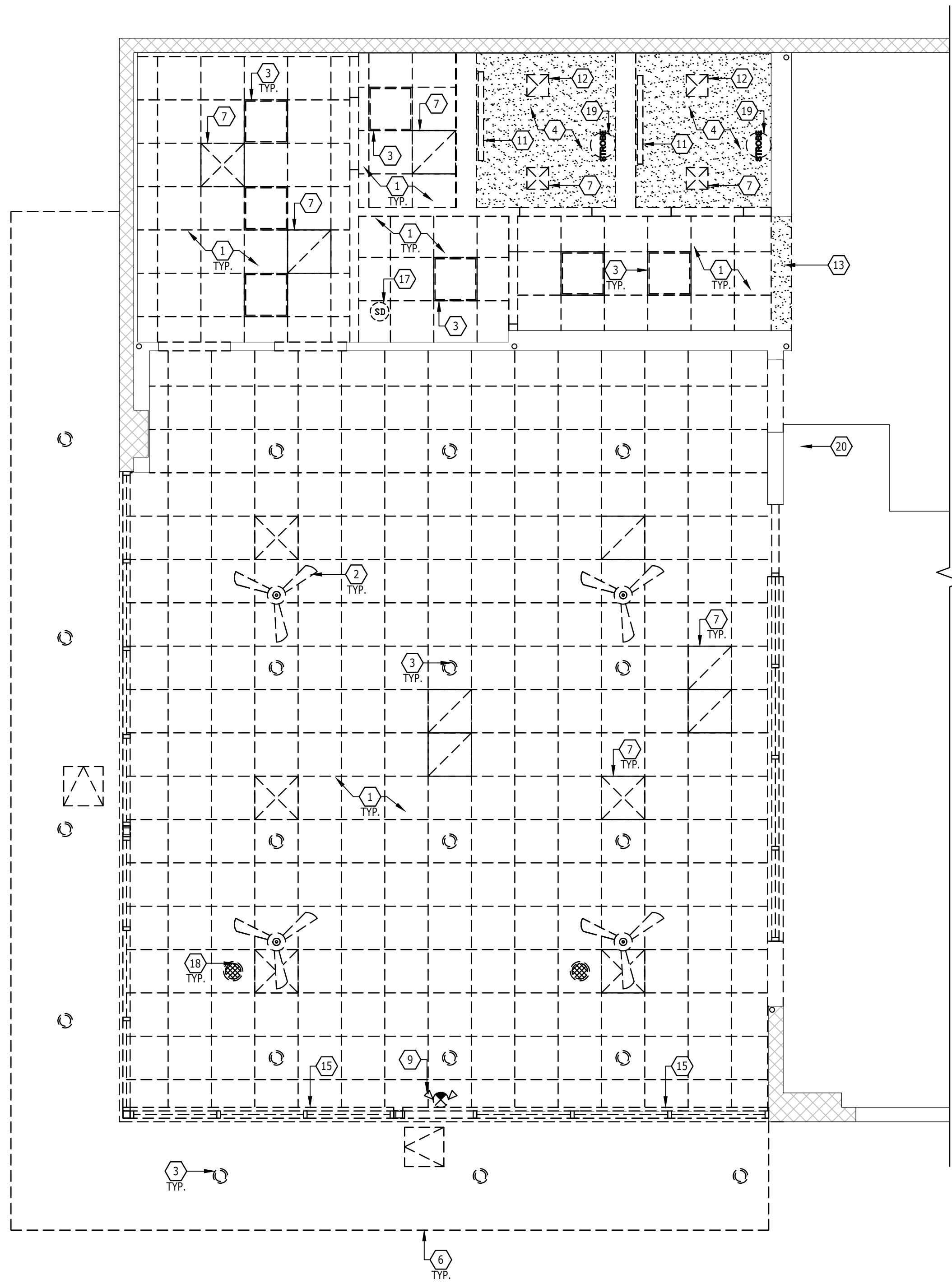
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SHEET NAME  
**DEMOLITION FLOOR PLAN**

SHEET #  
**D1.0**





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



**SHEET NOTES**

1. EXISTING CEILING GRID AND TILES TO BE REMOVED.
2. EXISTING CEILING FANS TO BE REMOVED.
3. EXISTING LIGHT FIXTURES TO BE REMOVED.
4. EXISTING GYPSUM BOARD CEILING TO BE REMOVED.
5. EXISTING GYPSUM BOARD CEILING TO REMAIN. GO TO PATCH AND REPAIR AS REQUIRED TO "LIKE NEW" CONDITION. PREP EXISTING CEILING TO RECEIVE EXPANSION, AS APPLICABLE PER SCOPE. REFER TO RCP.
6. EXISTING MANSARD ROOF TO BE REMOVED.
7. EXISTING MECHANICAL AIR DEVICE TO BE REMOVED.
8. EXISTING CANOPY TO BE REMOVED.
9. EXISTING ILLUMINATED EXIT SIGN TO BE REMOVED.
10. EXISTING ILLUMINATED EXIT SIGN TO BE REMOVED AND SALVAGED FOR RELOCATION.
11. EXISTING WALL MOUNTED LIGHT FIXTURE TO BE REMOVED.
12. EXISTING EXHAUST FAN TO BE REMOVED.
13. EXISTING SOFFIT TO BE REMOVED.
14. EXISTING EMERGENCY LIGHT WALL PACK TO BE REMOVED.
15. EXISTING ROLLER SHADES TO BE REMOVED. MAINTAIN MOTORS AND CIRCUITING FOR NEW ROLLER SHADES AS REQUIRED. REFER TO ELECTRICAL DRAWINGS.
16. EXISTING SPRINKLER HEAD. REFER TO FIRE PROTECTION DRAWINGS.
17. EXISTING SMOKE DETECTOR TO BE RECONFIGURED AS REQ'D. REFER TO ENGINEERED DRAWINGS. SUBMITTED VIA DEFERRED SUBMITTAL.
18. EXISTING SPEAKER, TO BE RECONFIGURED PER OWNER VENDOR.
19. EXISTING STROBE DEVICE TO BE REMOVED.
20. EXISTING STROBE DEVICE TO REMAIN.

**DEMO PLAN LEGEND**

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- ▨ EXISTING MASONRY TO REMAIN

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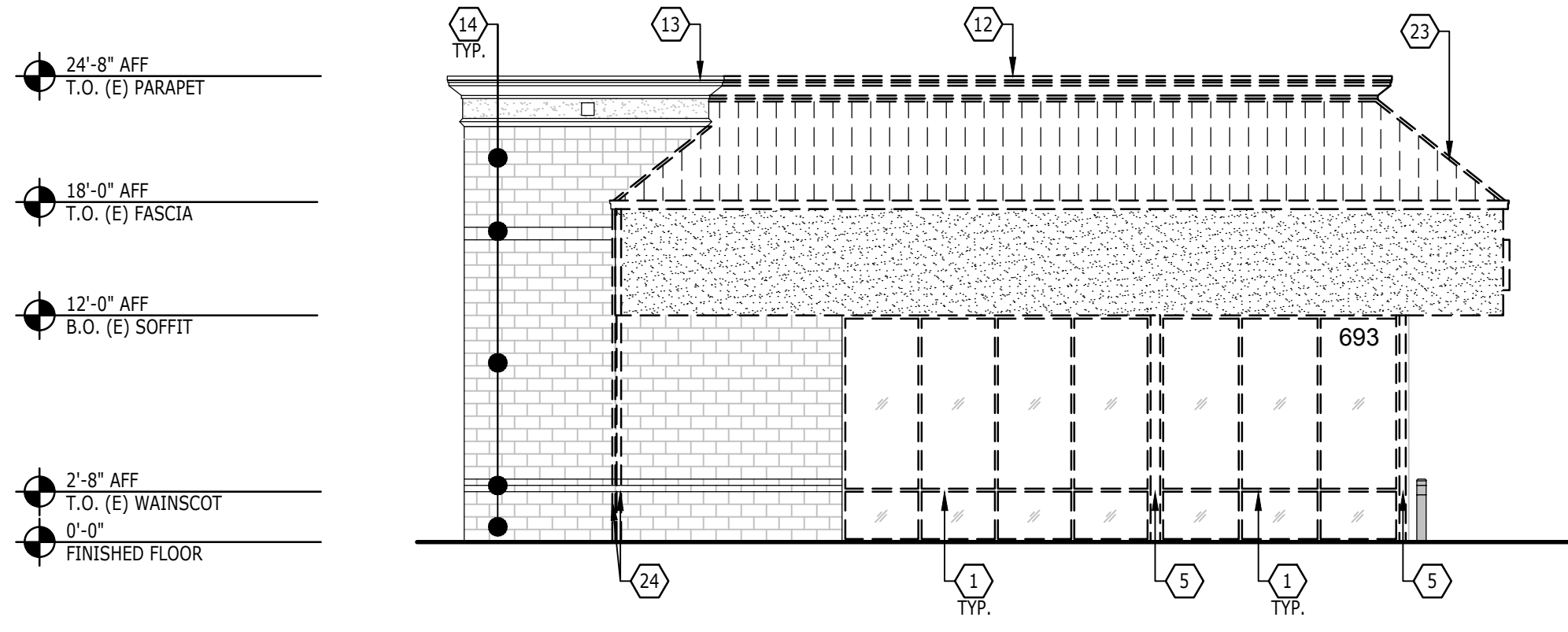
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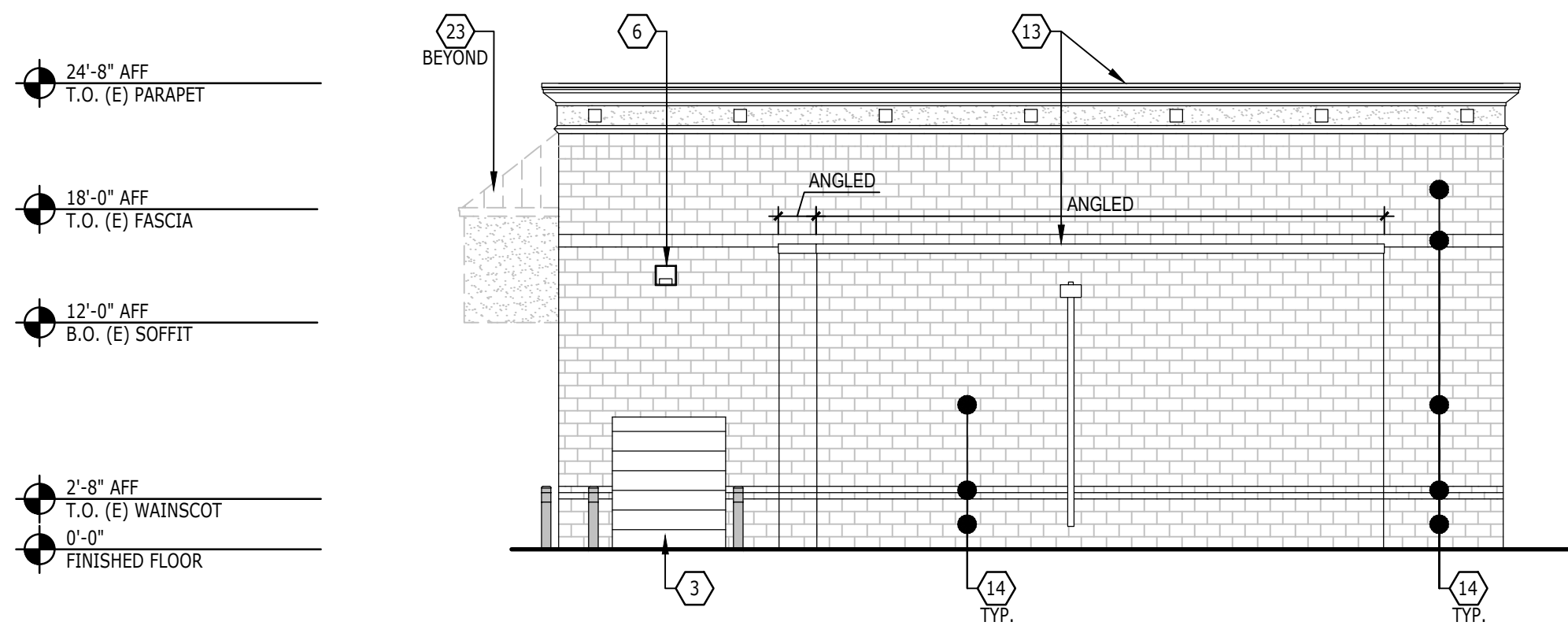
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SHEET NAME  
**DEMOLITION REFLECTED CEILING PLAN**

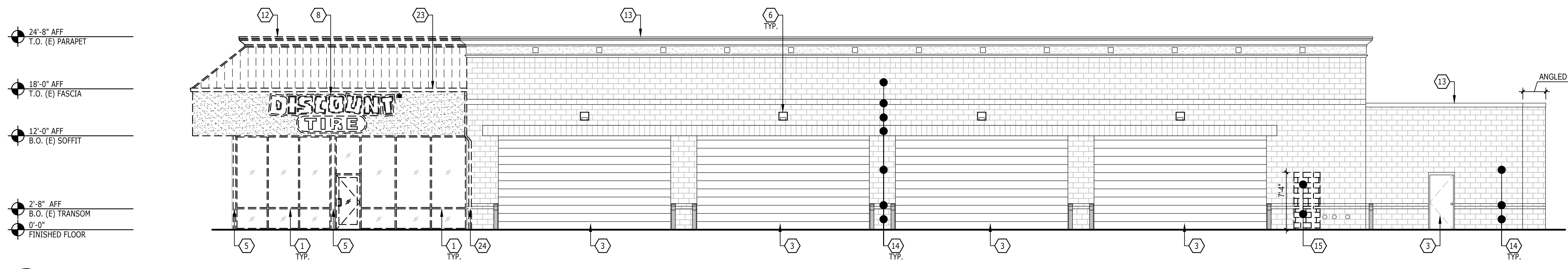
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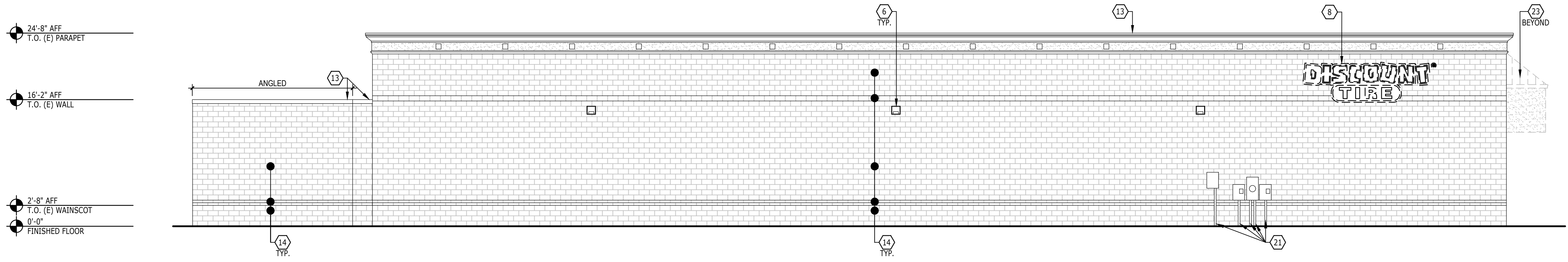
**5 NORTH DEMO ELEVATION**  
1/8" = 1'-0"



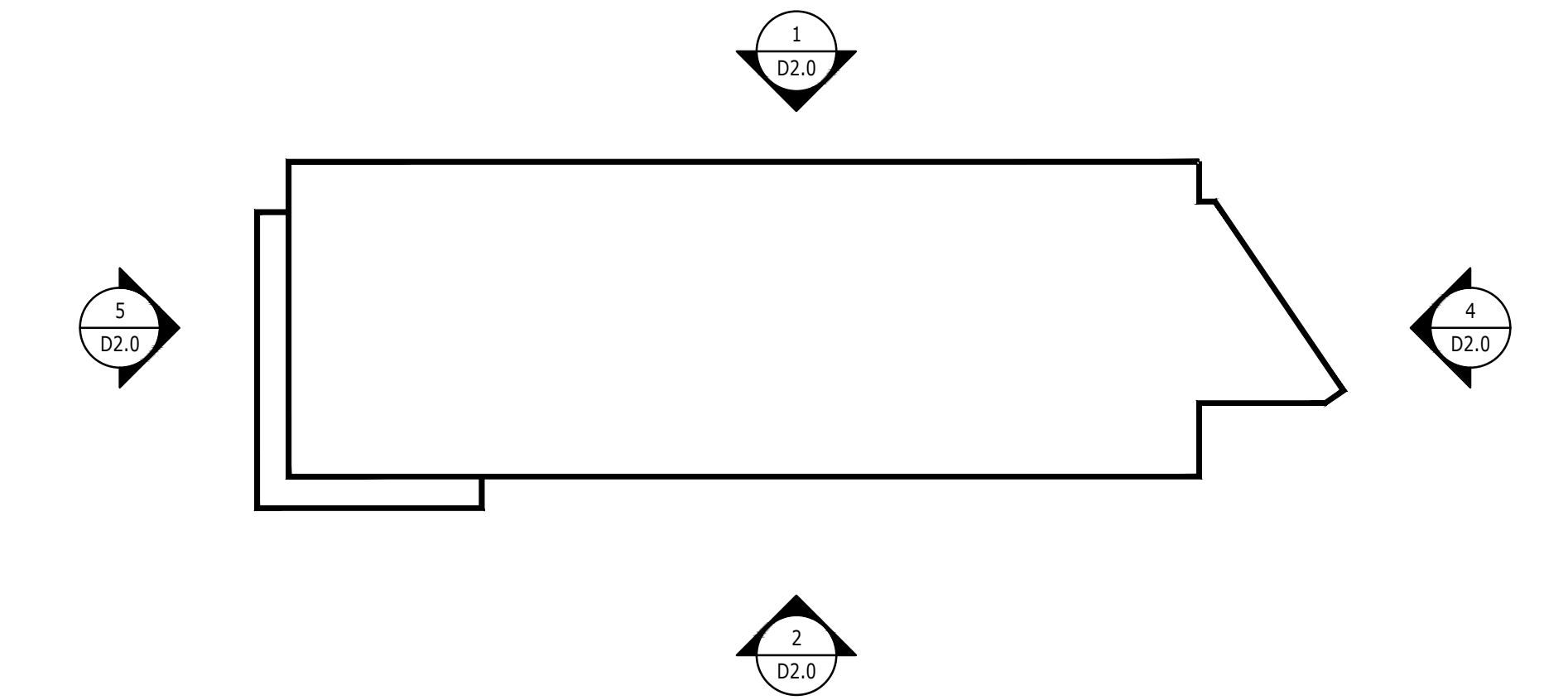
**4 SOUTH DEMO ELEVATION**  
1/8" = 1'-0"



**2 WEST DEMO ELEVATION**  
1/8" = 1'-0"



**1 EAST DEMO ELEVATION**  
1/8" = 1'-0"



**3 DEMO ELEVATION KEY PLAN**  
N.T.S.

**SHEET NOTES**

- EXISTING STOREFRONT GLAZING SYSTEM TO BE REMOVED.
- EXISTING STOREFRONT GLAZING SYSTEM TO REMAIN - GC TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING UP TO "LIKE-NEW" CONDITION.
- EXISTING EXTERIOR DOOR TO REMAIN. GC TO CLEAN AND/OR REPAIR AS REQUIRED TO ACCEPT NEW FINISH.
- EXISTING EXTERIOR DOOR TO BE REMOVED.
- EXISTING BASE BUILDING STRUCTURAL COLUMN TO REMAIN. GC TO REMOVE EXISTING SURROUND AND FINISH TO EXPOSE COLUMN, PREPARE AS REQUIRED TO RECEIVE NEW SURROUND AND FINISH.
- EXISTING WALL MOUNTED LIGHT FIXTURE TO REMAIN.
- EXISTING WALL MOUNTED LIGHT FIXTURE TO BE REMOVED.
- EXISTING WALL MOUNTED ILLUMINATED SIGNAGE TO BE RELOCATED. GC TO PATCH / REPAIR ANY PENETRATIONS AS REQUIRED FOR NEW FINISHES AND SIGNAGE REINSTALL.
- EXISTING WALL MOUNTED ILLUMINATED SIGNAGE TO REMAIN.
- EXISTING ADDRESS LETTERS TO BE REMOVED.
- EXISTING ADDRESS LETTERS TO REMAIN.
- EXISTING MOLDING / COPING TO BE REMOVED.
- EXISTING MOLDING / COPING TO REMAIN.
- EXISTING MASONRY TO REMAIN. GC TO PATCH / REPAIR AS REQUIRED AND PREPARE SURFACE TO RECEIVE NEW FINISHES.
- EXISTING MASONRY TO BE REMOVED AS INDICATED. REFER TO ARCHITECTURAL FLOOR PLAN AND STRUCTURAL DRAWINGS AS REQUIRED FOR NEW WORK.
- EXISTING TRASH ENCLOSURE TO REMAIN - GC TO PATCH / REPAIR AS REQUIRED AND PREPARE SURFACES TO RECEIVE NEW FINISHES.
- EXISTING EIFS TO BE REMOVED AS INDICATED. GC TO PATCH / REPAIR MASONRY / SUBSTRATE AS REQUIRED TO ACCEPT NEW CONSTRUCTION / FINISH.
- EXISTING EIFS TO REMAIN - GC TO PATCH / REPAIR AS REQUIRED TO BRING UP TO "LIKE-NEW" CONDITION AND PREPARE AS REQUIRED TO RECEIVE NEW FINISH.
- EXISTING GAS METER TO REMAIN.
- EXISTING GAS METER TO BE REMOVED AND RELOCATED. REFER TO PLUMBING DRAWINGS.
- EXISTING ELECTRIC METER / EQUIPMENT TO REMAIN.
- EXISTING ELECTRIC METER / EQUIPMENT TO BE REMOVED AND RELOCATED. REFER TO ELECTRICAL DRAWINGS.
- EXISTING MANSARD CONSTRUCTION TO BE REMOVED. SEE ELEVATIONS, SECTIONS, AND DETAILS FOR EXTENT OF EXISTING PARAPET CONSTRUCTION TO REMAIN.
- EXISTING SCUPPER AND DOWNSPOUT TO BE REMOVED.

**DEMO ELEVATION LEGEND**

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN

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10/22/2024  
REGISTERED ARCHITECT  
DONALD J. ROTHMAN  
STATE OF TEXAS  
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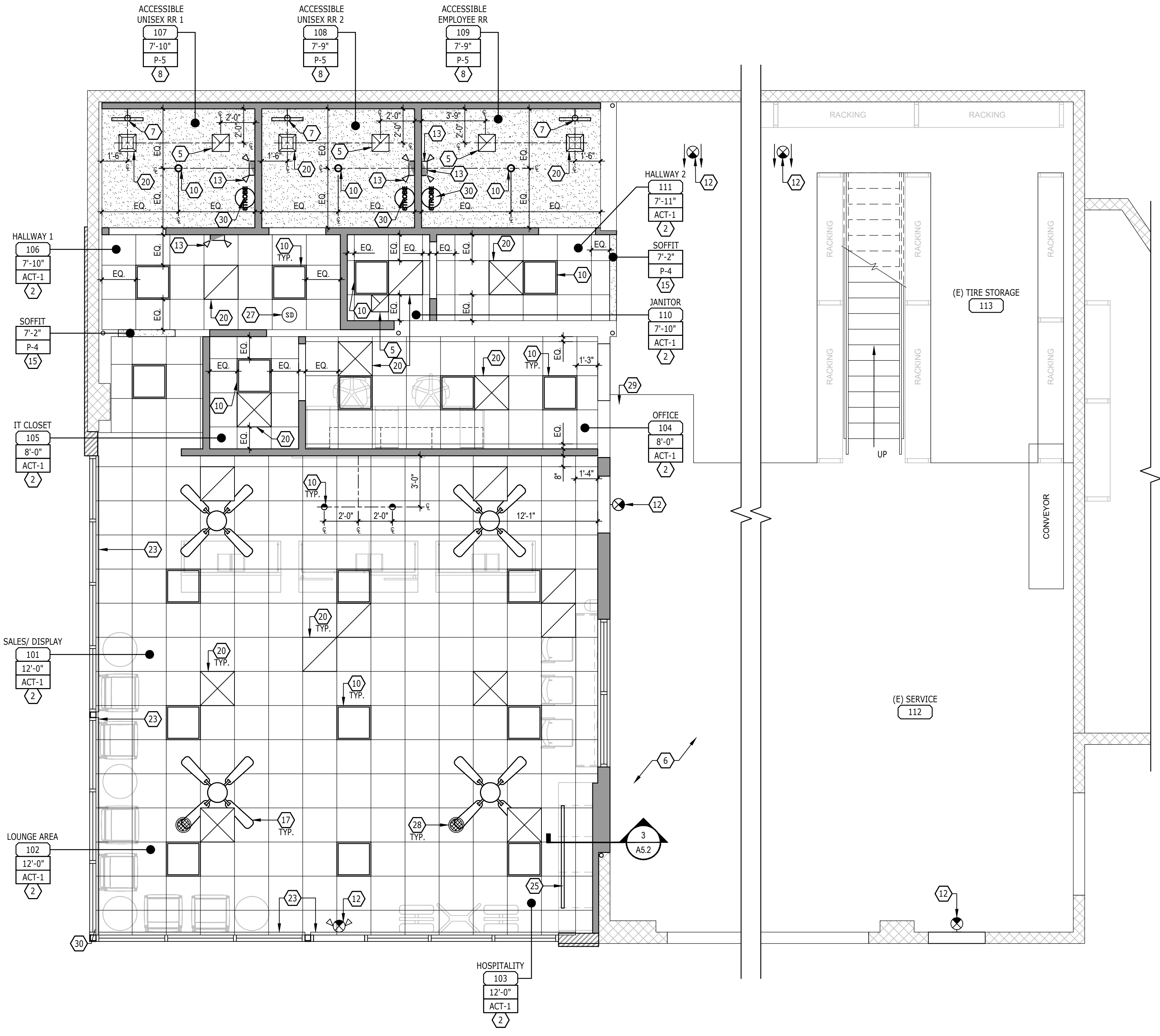
SHEET NAME  
**DEMOLITION EXTERIOR ELEVATIONS**

SHEET #  
**D2.0**





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



**GENERAL NOTES**

- ALL CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR TO UNDERSIDE OF FINISH CEILING OR LIGHT FIXTURE, TYP, UNLESS OTHERWISE NOTED.
- GC SHALL SET ALL CEILING AND SOFFITS USING A LASER LEVEL TO ACHIEVE A CEILING THAT IS PLUMB, LEVEL AND SQUARE TO ALL WALLS AND SOFFITS.
- LATERAL BRACING FOR SUSPENDED CEILINGS MUST BE PROVIDED BY CEILING CONTRACTOR. ADDITIONAL HANGER AND SAFETY WIRES FOR LIGHT FIXTURES, DUCTWORK, ETC. TO BE THE RESPONSIBILITY OF THE CEILING CONTRACTOR.
- REFER TO MECHANICAL DRAWINGS FOR SUSPENDED DUCTWORK SCOPE.
- PROVIDE ADEQUATE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS AND RELATED PERTINENT ITEMS NECESSARY TO MAINTAIN SPECIFIC HEIGHTS ABOVE FINISHED FLOOR.
- GC TO PROVIDE NECESSARY BLOCKING AND BRACING FOR FIXTURE INSTALLATION AND ALL ELECTRICAL COMPONENTS TO COMPLETE THE FINAL INSTALLATION OF ALL FIXTURES. COORDINATE WITH FIXTURE SUPPLIER.
- COORDINATE ANY REQUIRED CEILING ACCESS DOORS WITH CONSTRUCTION MANAGER TO MAINTAIN ACCESS TO APPLICABLE ABOVE CEILING EQUIPMENT, UTILITIES, ETC.
- REFER TO INTERIOR FINISH SCHEDULE ON SHEET I1.0 AS NEEDED TO VERIFY FINISH SPECIFICATIONS.
- ANY MODIFICATIONS TO APPLICABLE EXISTING FIRE SPRINKLER / FIRE ALARM SYSTEMS TO BE COMPLETED BY LICENSED FS / FA CONTRACTOR, TO BE SUBMITTED UNDER SEPARATE COVER OR DEFERRED SUBMITTAL.

**SHEET NOTES**

- 2' X 4' ACT SYSTEM, REFER TO FINISH SCHEDULE.
- 2' X 2' ACT SYSTEM, REFER TO FINISH SCHEDULE.
- EXISTING GRID SYSTEM, PROVIDE NEW ACT AS SPECIFIED, REFER TO FINISH SCHEDULE.
- EXISTING ACT SYSTEM.
- EXHAUST FAN, REFER TO MECHANICAL DRAWINGS.
- NO CEILING, OPEN TO ROOF STRUCTURE. AREA IS OUT OF SCOPE AND NOT IMPACTED BY PROPOSED WORK.
- WALL MOUNTED LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- GYPSUM BOARD CEILING.
- EXISTING GYPSUM BOARD CEILING.
- LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- EXISTING LIGHT FIXTURE.
- EXIT SIGN, REFER TO ELECTRICAL DRAWINGS.
- EMERGENCY LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- EXISTING EMERGENCY LIGHT FIXTURE.
- GYPSUM BOARD SOFFIT.
- EXISTING GYPSUM BOARD SOFFIT, PATCH AND REPAIR AS REQUIRED.
- CEILING FAN, COLOR TO MATCH CEILING ABOVE, REFER TO MECHANICAL DRAWINGS.
- ALUMINUM GANGWAY, REFER TO EXTERIOR ELEVATIONS, SECTIONS, AND DETAILS.
- EXISTING GANGWAY.
- SUPPLY DIFFUSER / RETURN GRILLE, REFER TO MECHANICAL DRAWINGS. ALL AIR DEVICES ARE TO MATCH COLOR OF ADJACENT CEILING.
- RELOCATED MECHANICAL SUPPLY DIFFUSER / RETURN GRILLE, GO TO CLEAN PRIOR TO REINSTALLATION, REFER TO MECHANICAL DRAWINGS.
- EXISTING MECHANICAL SUPPLY DIFFUSER / RETURN GRILLE, GO TO CLEAN AS REQUIRED.
- VENDOR INSTALL INSOLROLL 2000 MOTORIZED SOLAR SCREEN SHADES, COLOR: GRAY, GC COORDINATE INSTALL AS REQUIRED WITH OWNER, REFER TO ELECTRICAL DRAWINGS.
- SPRINKLER HEAD, REFER TO FIRE PROTECTION DRAWINGS.
- LED TAPE STRIP INSTALLED BEHIND HOSPITALITY BAR MILLWORK LIGHT VALANCE, REFER TO MILLWORK VENDOR INSTRUCTIONS, LIGHTING PLAN, AND ELECTRICAL PLAN.
- EXISTING ILLUMINATED EXIT SIGN TO REMAIN.
- EXISTING SMOKE DETECTOR TO BE RECONFIGURED AS REQD. REFER TO ENGINEERED DRAWINGS, SUBMITTED VIA DEFERRED SUBMITTAL.
- SPEAKER, SHOWN FOR REPRESENTATION ONLY, RELOCATED AND/OR REINSTALLED PER OWNER.
- EXISTING EMERGENCY STROBE DEVICE.
- EMERGENCY STROBE DEVICE.

**REFLECTED CEILING PLAN LEGEND**

| SYMBOL   | MARK  | DESCRIPTION  | REMARKS  |
|----------|-------|--|--|
| [Symbol] | ACT-1 | 2' X 2' ACOUSTICAL CEILING TILE                        | T-BAR CEILING GRID SUSPENDED FROM STRUCTURE ABOVE.                 |
| [Symbol] | ACT-2 | 2' X 4' ACOUSTICAL CEILING TILE                        | T-BAR CEILING GRID SUSPENDED FROM STRUCTURE ABOVE.                 |
| [Symbol] | A1    | LED TAPE STRIP   | HOSPITALITY BAR MILLWORK   |
| [Symbol] | A2    | WALL SCONCE  | RESTROOMS  |
| [Symbol] | A3    | RECESSED DOWNLIGHT                                     | ---  |
| [Symbol] | A4    | RECESSED WALL WASHER                                   | ---  |
| [Symbol] | A5    | 2' X 2' TROFFER  | LED  |
| [Symbol] | A6    | 2' X 4' TROFFER  | LED  |
| [Symbol] | C     | CEILING FAN  | COLOR OF FAN TO MATCH COLOR OF CEILING ABOVE.                      |
| [Symbol] | E1    | HIGH BAY   | LED  |
| [Symbol] | E2    | EXTERIOR DOWNLIGHT                                     | LED, WET LOCATION  |
| [Symbol] | ---   | SUPPLY AIR DIFFUSER                                    | FINISH COLOR TO MATCH ADJACENT CEILING, COORD. W/ MECHANICAL DWGS. |
| [Symbol] | ---   | RETURN AIR GRILLE                                      | FINISH COLOR TO MATCH ADJACENT CEILING, COORD. W/ MECHANICAL DWGS. |
| [Symbol] | ---   | EXHAUST FAN  | FINISH COLOR TO MATCH ADJACENT CEILING, COORD. W/ MECHANICAL DWGS. |
| [Symbol] | ---   | EMERGENCY LIGHT  | WALL PACK  |
| [Symbol] | ---   | ILLUMINATED EXIT SIGN                                  | ---  |
| [Symbol] | ---   | COMBINATION ILLUMINATED EXIT SIGN / EMERGENCY LIGHTING | ---  |

- NOTES:**
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS TO CONFIRM FIXTURE SPECIFICATIONS.
  - ALL LIGHT FIXTURES ARE FURNISHED BY OWNER, INSTALLED BY ELECTRICAL CONTRACTOR.
  - INSTALL ALL LIGHT FIXTURES PER MANUFACTURER'S RECOMMENDATIONS / SPECIFICATIONS AND PER APPLICABLE CODE REQUIREMENTS.

**DISCOUNT TIRE**  
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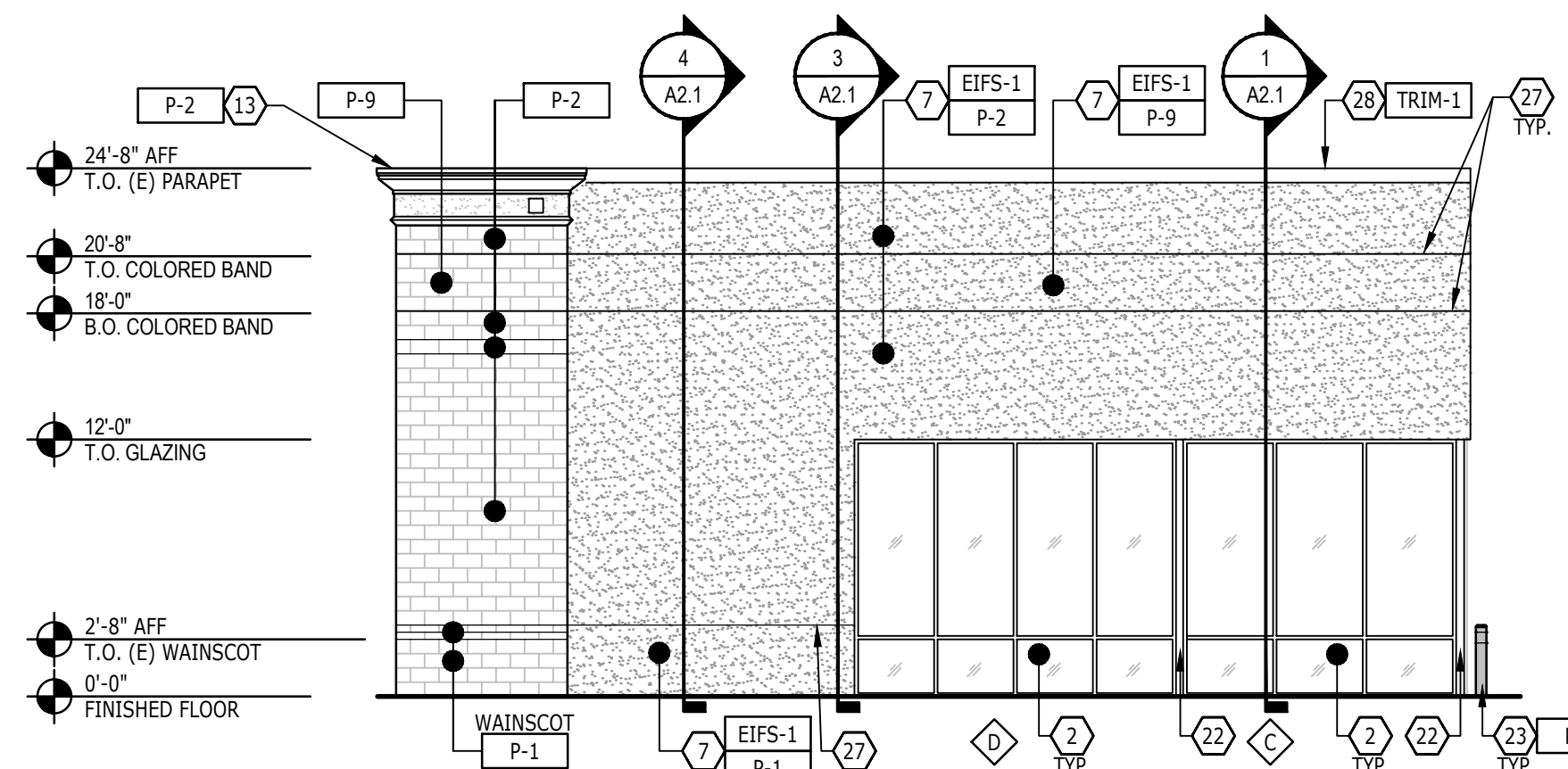
10/22/2024  
REGISTERED ARCHITECT  
DONALD J. ROTHMAN  
STATE OF TEXAS  
17287  
*Donald J. Rothman*  
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| No. | Description | Date |
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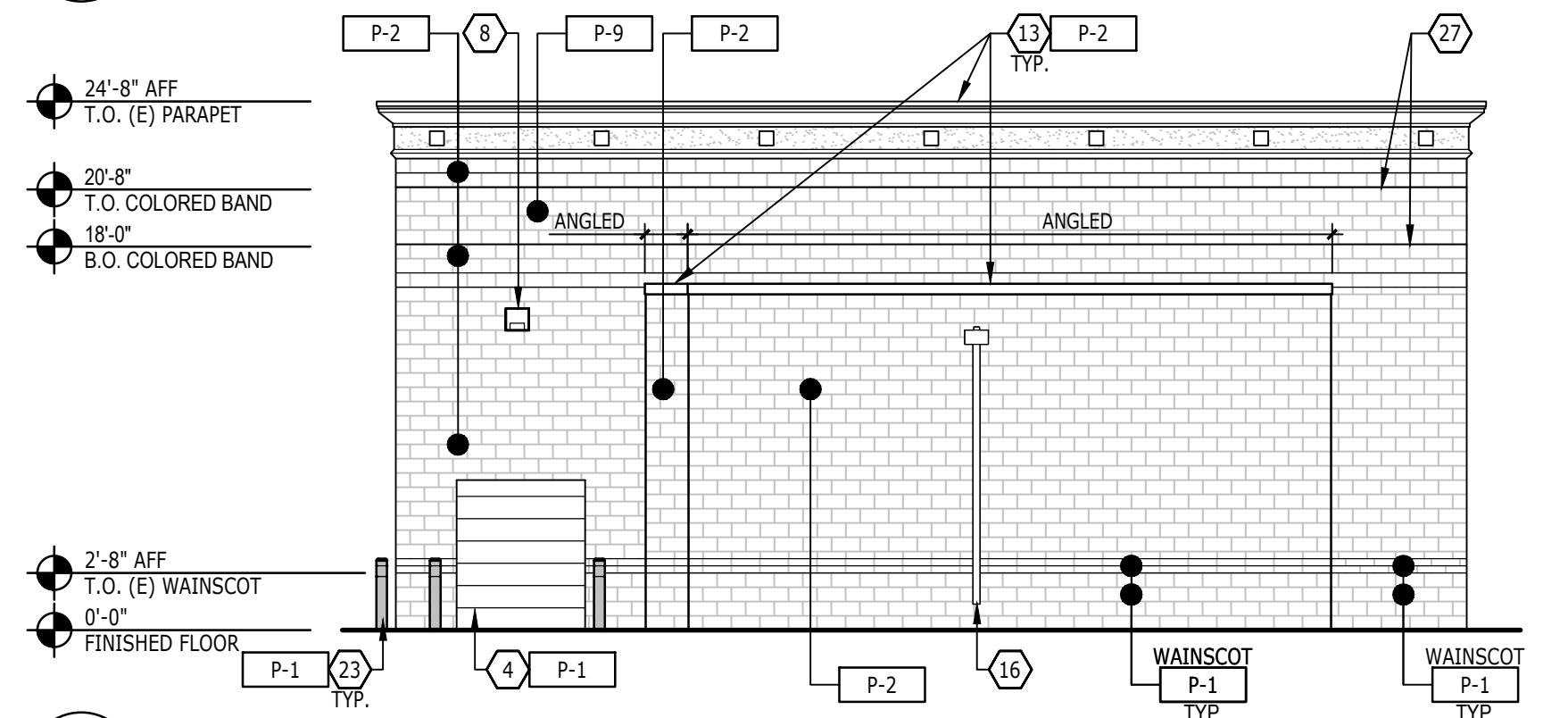
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| PROJECT NUMBER | DT10773    |
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| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**REFLECTED CEILING PLAN**

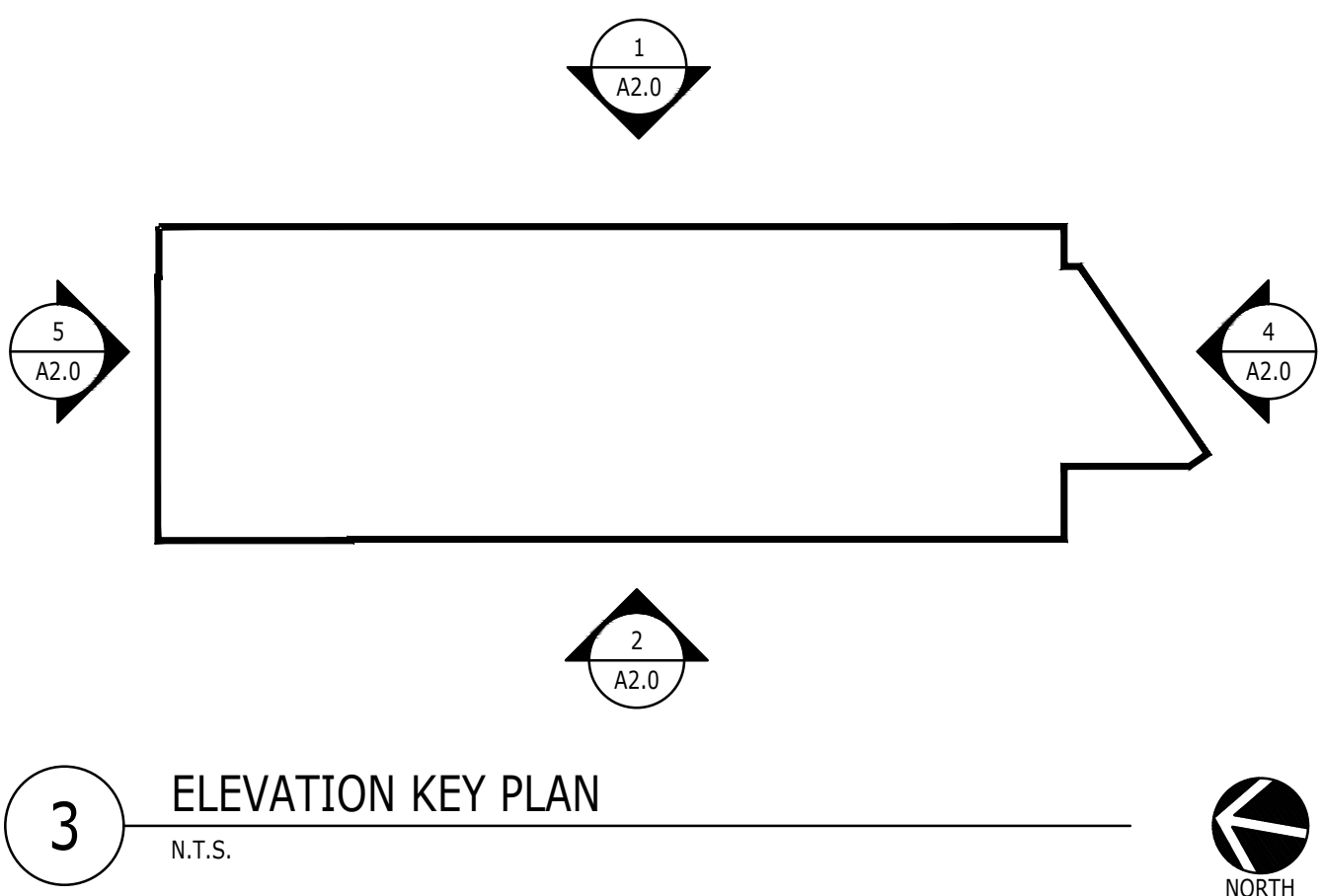
SHEET #  
**A1.1**



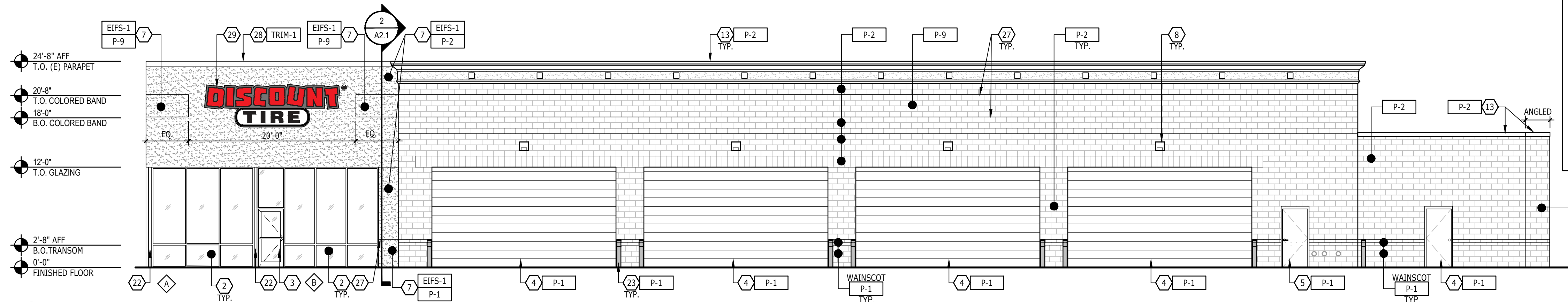
**5 NORTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



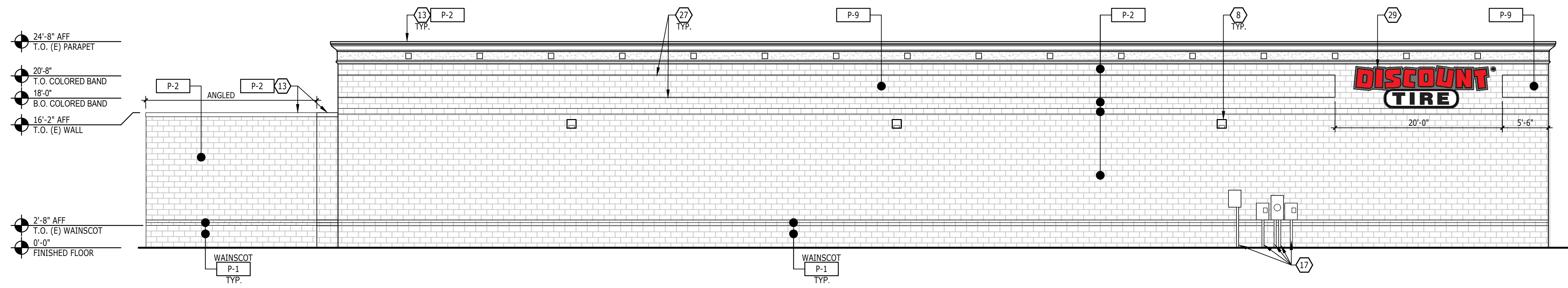
**4 SOUTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



**3 ELEVATION KEY PLAN**  
N.T.S.



**2 WEST EXTERIOR ELEVATION**  
1/8" = 1'-0"



**1 EAST EXTERIOR ELEVATION**  
1/8" = 1'-0"

| EXTERIOR FINISH SCHEDULE |                                  |                     |   |                        |  |   |
|--------------------------|----------------------------------|---------------------|---|------------------------|--|---|
| CODE                     | MATERIAL                         | MANUFACTURER        | PRODUCT / COLOR   | LOCATION               | REMARKS  | CONTACT   |
| CLAD-1                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BONE WHITE  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-1A                  | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE OYSTER (ALTERNATE)  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-2                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE PATRIOT RED   | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-3                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BRUSHED STAINLESS   | EXTERIOR - CANOPY      |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-4                   | CORRUGATED METAL                 | ATLAS INTERNATIONAL | CORRUGATED PANEL, 0.40 ALUMINUM, BLACK (02)   | EXTERIOR               |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| EIFS-1                   | EXT. INSULATION FINISHING SYSTEM | DRYVIT              | OUTSULATION: FINESSE: MATCH COLOR AS SPECIFIED ON EXTERIOR ELEVATIONS                       | EXTERIOR               | APPROVED ALT. AS REQUIRED TO MATCH ADJACENT EXIST.   | BEN ROGERS / 469-667-0837<br>BROGERS@TREMCOINC.COM          |
| P-1                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7650 ELLIE GRAY; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                          | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7104 COTTON WHITE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                        | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7668 NEUTRAL GROUND (LVR 70); EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE) | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 6258 TRICORN BLACK; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                       | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7069 IRON ORE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE)                | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| TRIM-1                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP, MATCH SW 7104 COTTON WHITE, OR ALTERNATE COLOR OF MASONRY BELOW.         | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-2                   | CORRUGATED METAL TRIM            | ATLAS INTERNATIONAL | ELITE TRIM SERIES, BLACK (02)   | EXTERIOR               | PRE-FINISHED METAL TRIM, PART OF CLAD 4 PANEL SYSTEM | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-3                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP, BLACK (02)   | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-4                   | METAL TRIM                       | LONGBOARD PRODUCTS  | 8" LINK & LOCK SERIES, SLATE GREY   | EXTERIOR - WALL TRIM   | COLOR MAY BE MODIFIED AS NEEDED PER JURISDICTION     | SHAYNE UNGER / 800-804-0343<br>SUNGER@LONGBOARDPRODUCTS.COM |

NOTE: ALL SURFACES SHALL BE PREPARED FOR NEW PAINT FINISHES AS REQUIRED PER PAINT MANUFACTURER'S RECOMMENDATIONS.

- SHEET NOTES**
- EXISTING STOREFRONT GLAZING SYSTEM. GO TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING TO "LIKE NEW" CONDITION.
  - STOREFRONT GLAZING SYSTEM, REFER TO SHEET A1.0A.
  - STOREFRONT ENTRY DOOR, REFER TO SHEET A1.0 & A1.0A.
  - EXISTING EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXISTING EIFS FINISH, PATCH/REPAIR AS REQUIRED, COLOR AS INDICATED.
  - INSTALL NEW EIFS, COLOR AS INDICATED.
  - EXISTING WALL MOUNTED LIGHT FIXTURE.
  - WALL MOUNTED LIGHT FIXTURE, REFER TO RCP AND ELECTRICAL DRAWINGS.
  - WALL MOUNTED ILLUMINATED SIGNAGE, GO TO SCHEDULE AND COORDINATE INSTALLATION. ALL SIGNAGE REQUIRED DOCUMENTATION IS TO BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION VIA DEFERRED SUBMITTAL OR SEPARATE COVER, AS REQUIRED.
  - ADDRESS LETTERS, REFER TO SIGNAGE PACKAGE, SUBMITTED VIA DEFERRED SUBMITTAL OR SEPARATE COVER, GO TO COORDINATE SCHEDULE & INSTALL.
  - EXISTING ADDRESS LETTERS.
  - EXISTING MOLDING / COPING, PAINT AS INDICATED.
  - EXISTING GAS METER.
  - GAS METER, REFER TO PLUMBING DRAWINGS.
  - EXISTING SCUPPER AND DOWNSPOUT.
  - EXISTING ELECTRIC METER / EQUIPMENT.
  - ELECTRIC METER / EQUIPMENT, REFER TO ELECTRICAL DRAWINGS.
  - ALUMINUM COMPOSITE CANOPY, REFER TO SECTIONS & DETAILS.
  - EXISTING CANOPY, PAINT / FINISH AS INDICATED.
  - EXISTING BASE BUILDING COLUMN.
  - EXISTING BASE BUILDING COLUMN, WRAPPED TO MATCH ADJACENT STOREFRONT FINISH, REFER TO DETAILS.
  - EXISTING BOLLARD, PAINT AS INDICATED.
  - EXISTING TRASH ENCLOSURE, PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL, PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL W/ BREAK METAL COVERING, REFER TO SECTIONS AND DETAILS.
  - PAINT LINE.
  - METAL TRIM.
  - RELOCATED EXISTING WALL MOUNTED ILLUMINATED SIGNAGE.

**Design Forum Architects Inc.**  
2056 BYERS RD  
Mansfield, OH 45342  
Tel. (844) 804-7700

Donald J. Rothman  
Architect In Charge  
License: 17287

**DISCOUNT TIRE**

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693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024

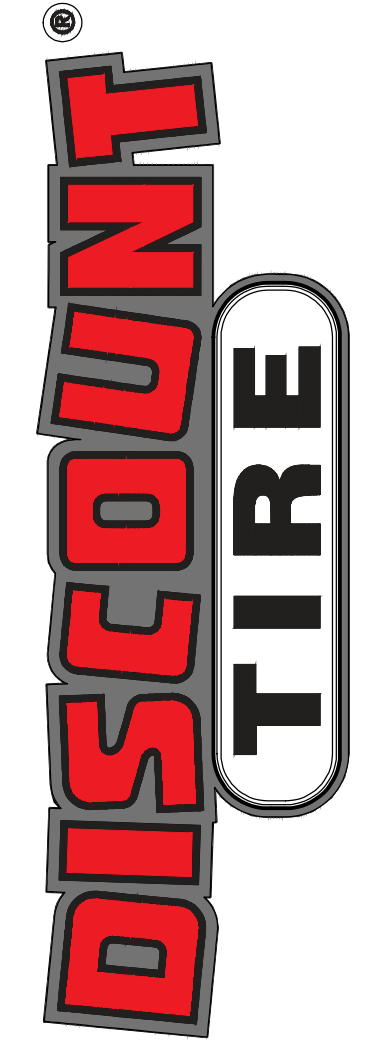
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
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SHEET NAME  
**EXTERIOR ELEVATIONS**

SHEET #  
**A2.0**



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PROJECT NUMBER DT10773

DATE 10/08/2024

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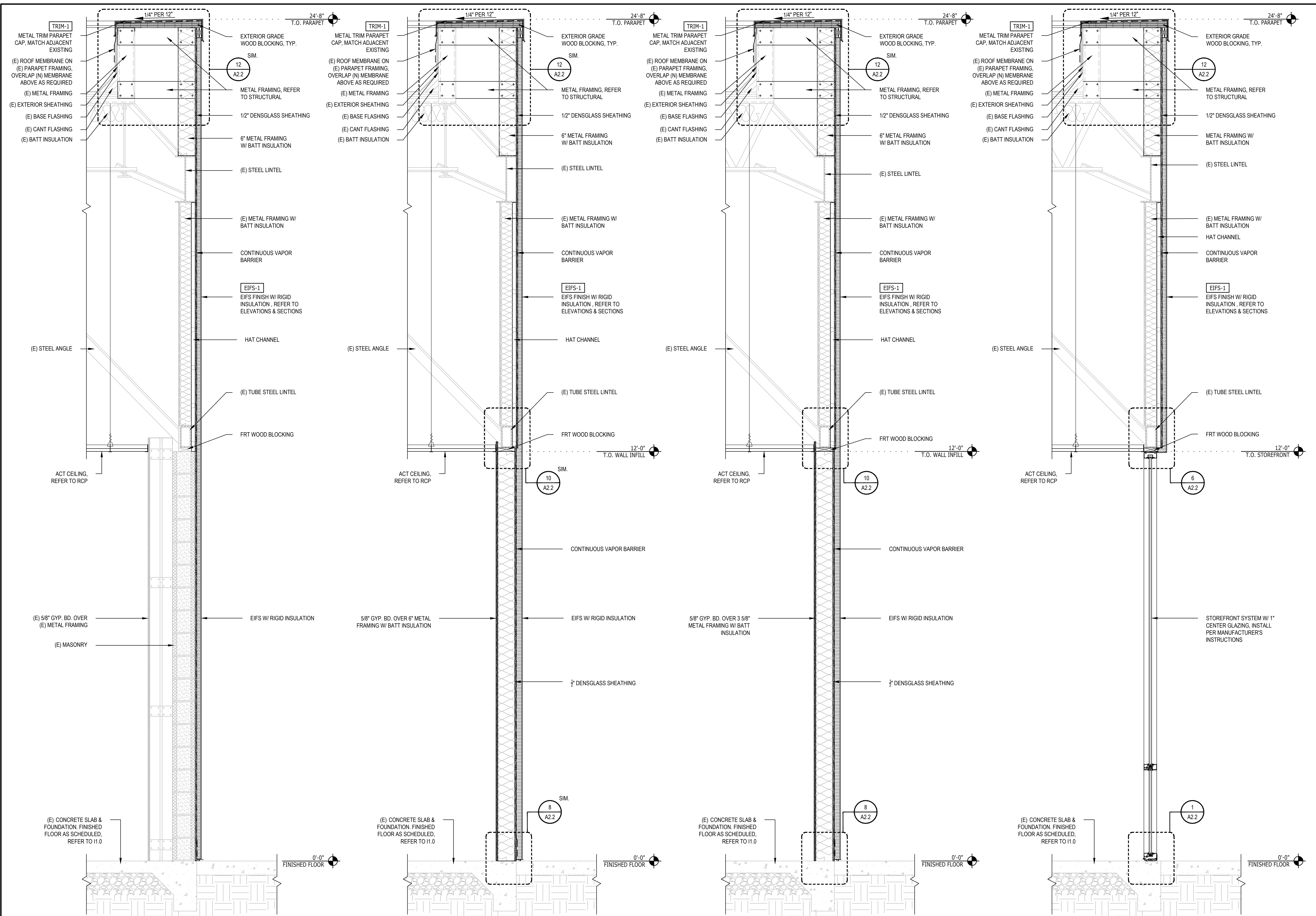
CHECKED BY JDW / DJR

SHEET NAME

**EXTERIOR WALL SECTIONS**

SHEET #

**A2.1**



**4** WALL SECTION @ (E) MASONRY W/ EIFS  
3/4" = 1'-0"

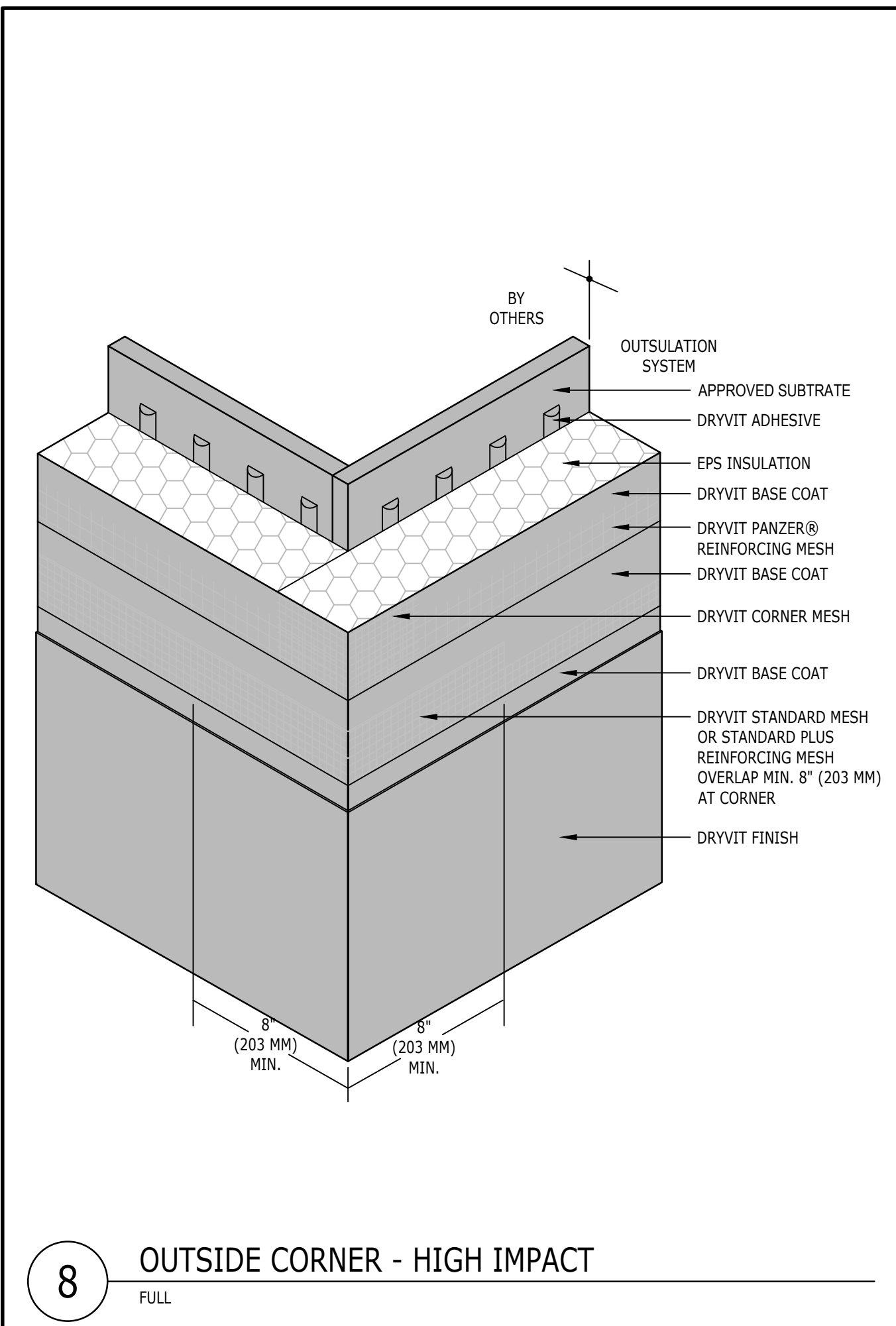
**3** WALL SECTION @ EXTERIOR WALL INFILL (METAL FRAMING)  
3/4" = 1'-0"

**2** WALL SECTION @ EXTERIOR WALL INFILL (METAL FRAMING)  
3/4" = 1'-0"

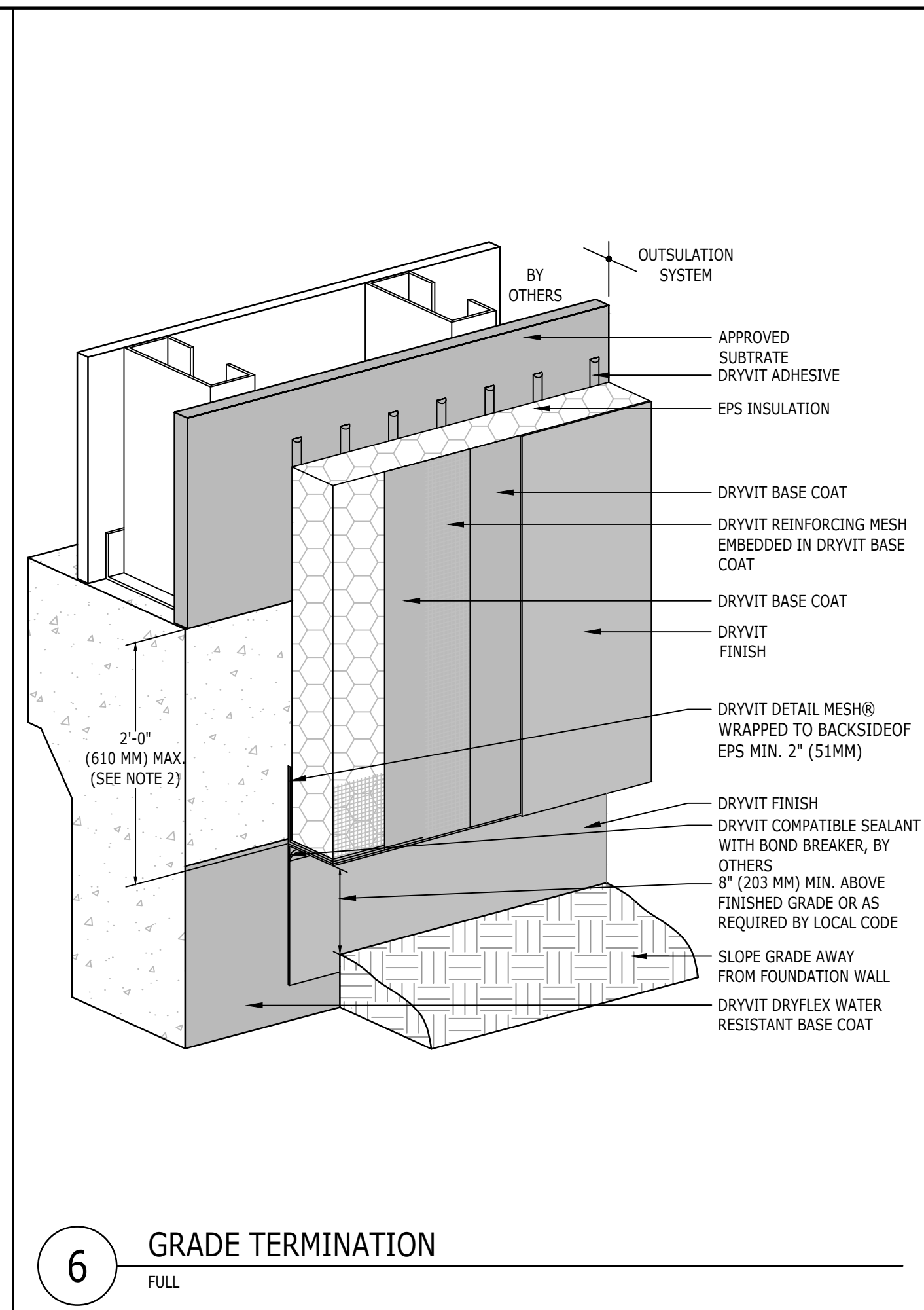
**1** WALL SECTION @ STOREFRONT  
3/4" = 1'-0"



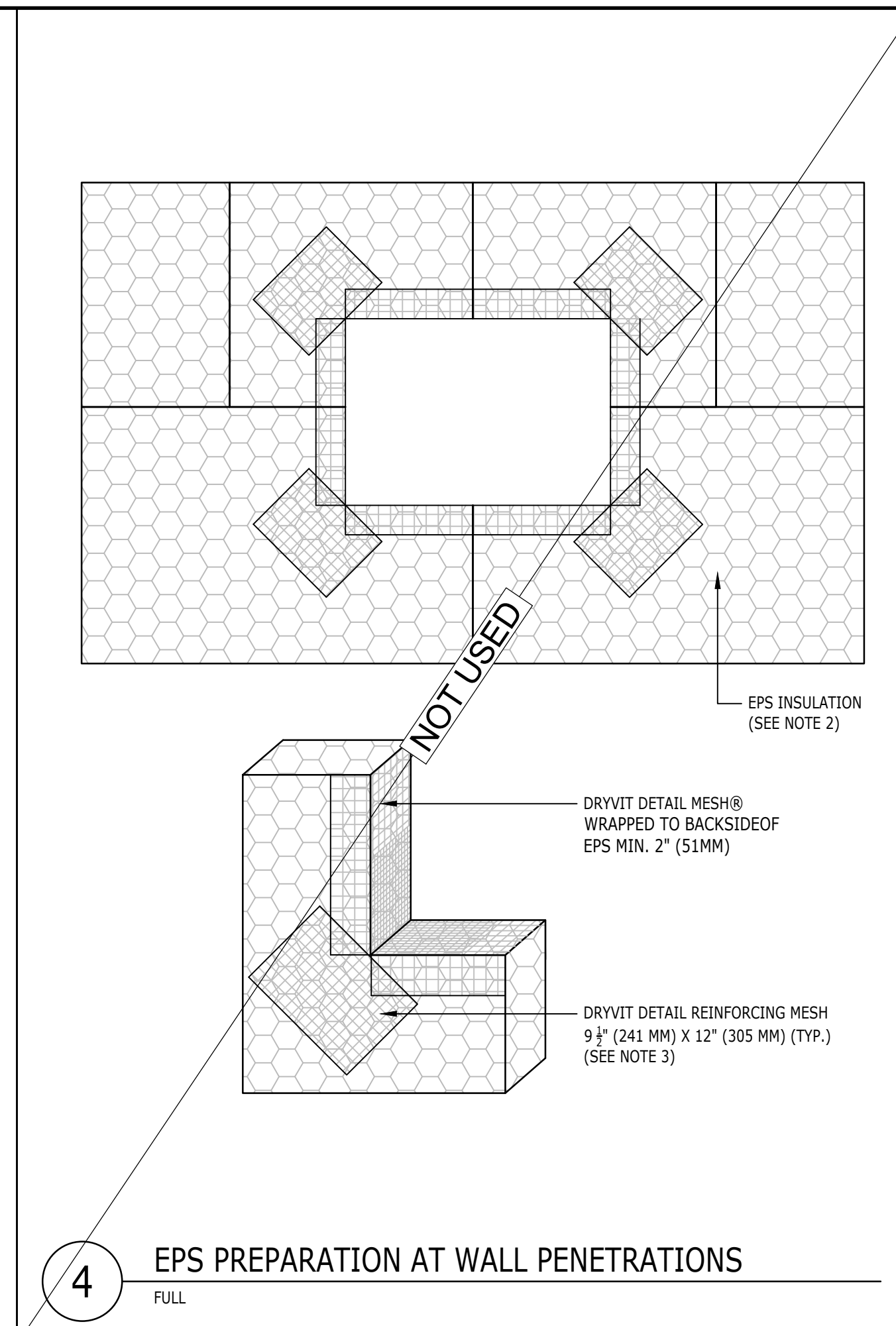




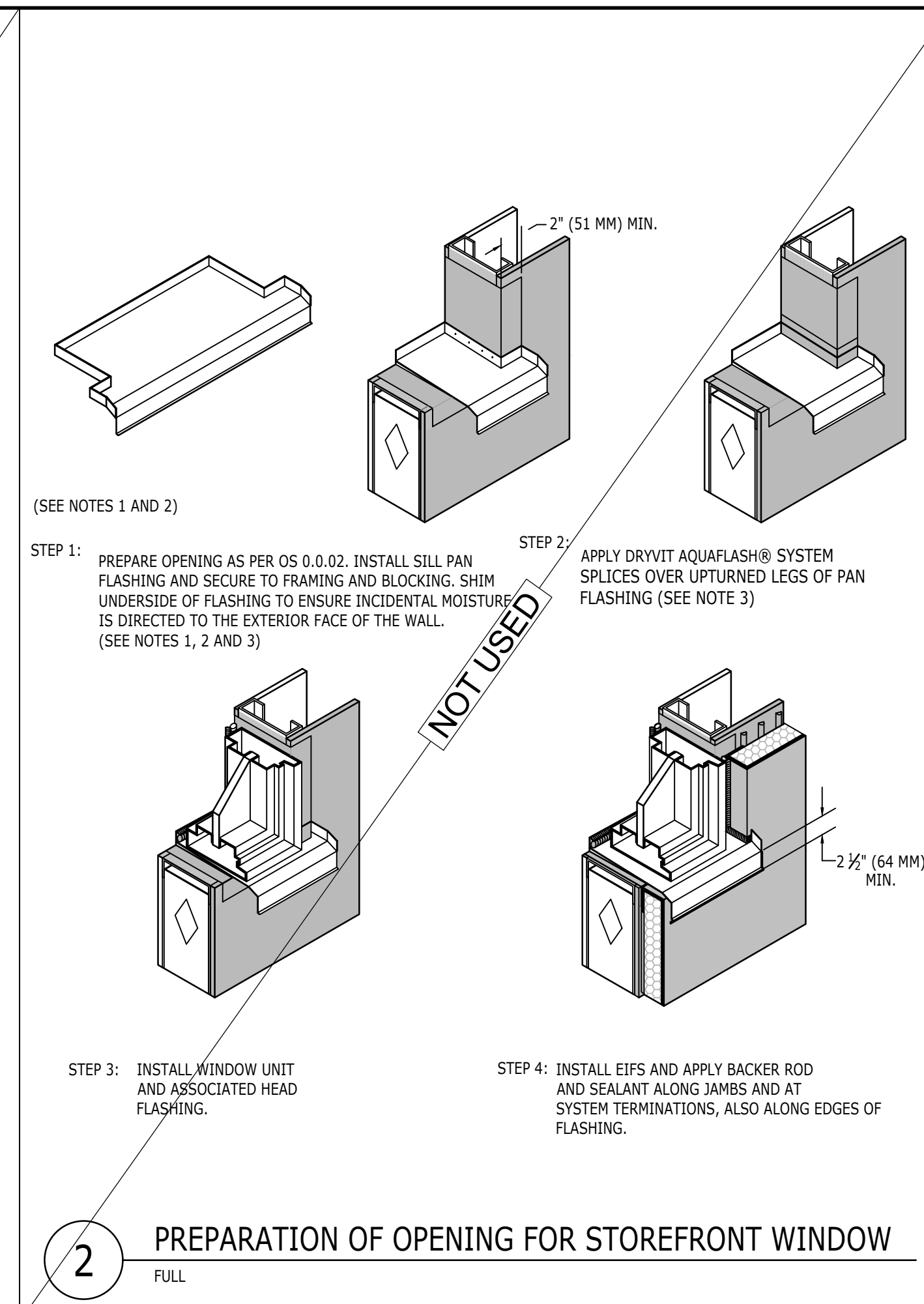
**8** OUTSIDE CORNER - HIGH IMPACT  
FULL



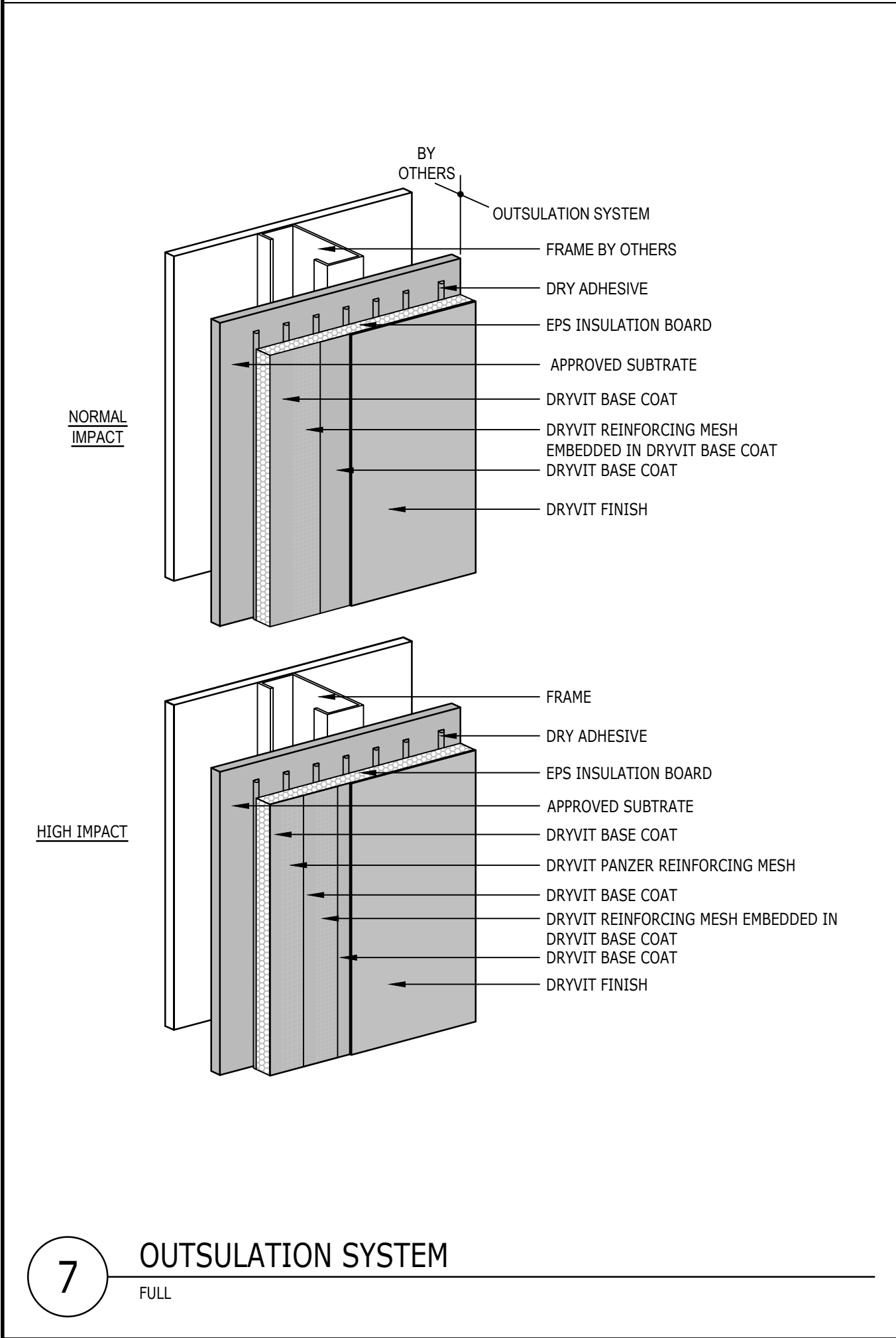
**6** GRADE TERMINATION  
FULL



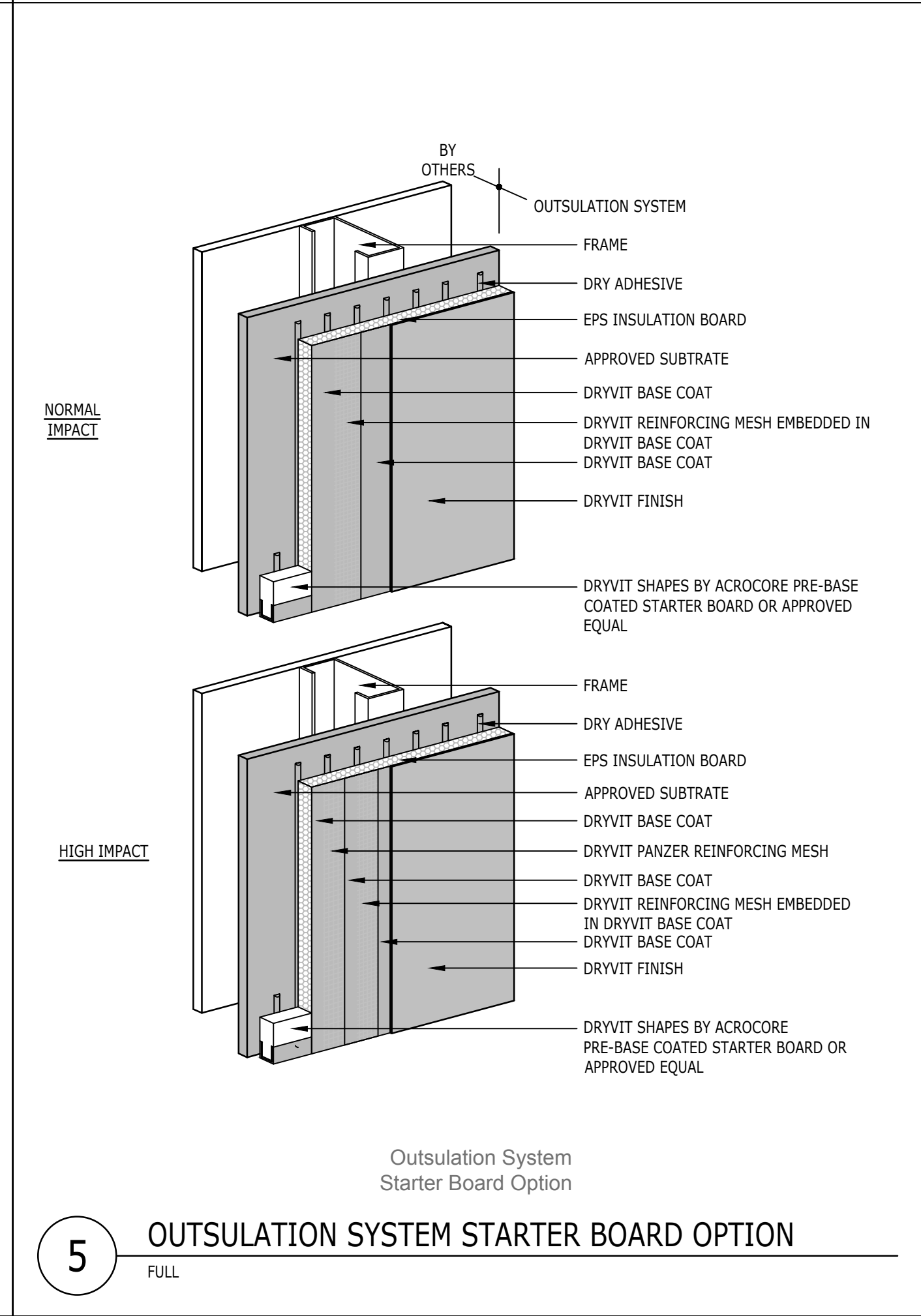
**4** EPS PREPARATION AT WALL PENETRATIONS  
FULL



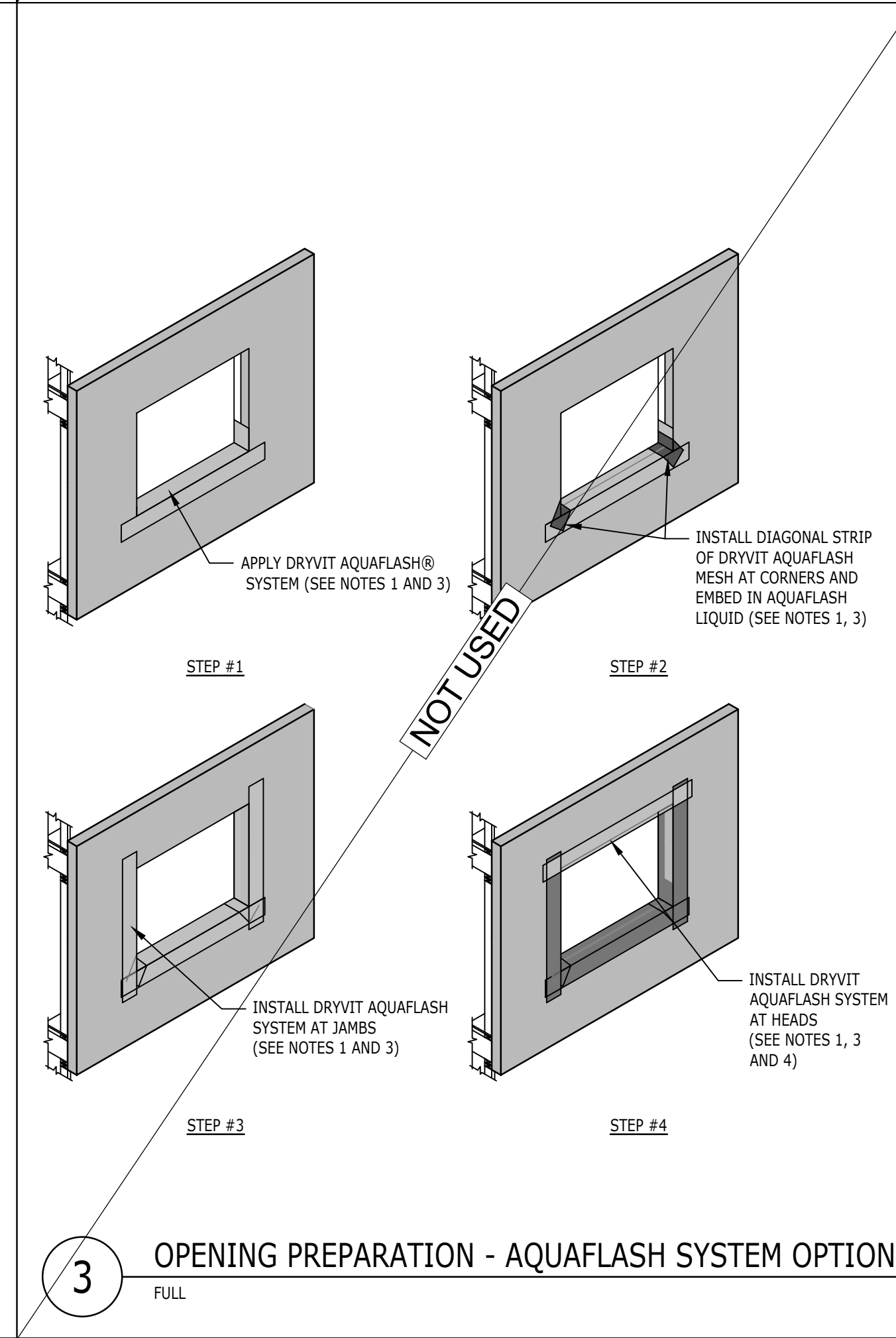
**2** PREPARATION OF OPENING FOR STOREFRONT WINDOW  
FULL



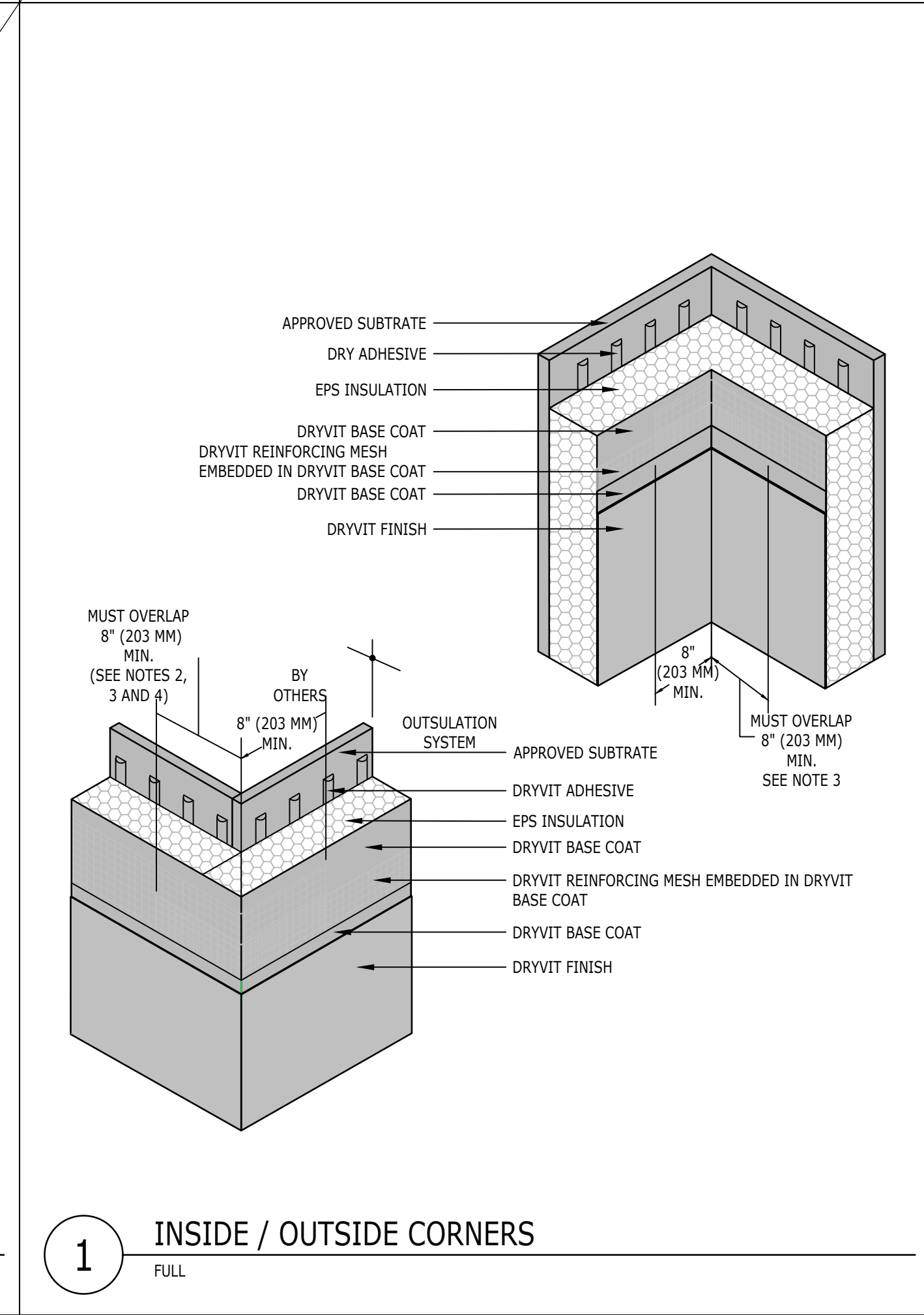
**7** OUTSULATION SYSTEM  
FULL



**5** OUTSULATION SYSTEM STARTER BOARD OPTION  
FULL



**3** OPENING PREPARATION - AQUAFASH SYSTEM OPTION  
FULL



**1** INSIDE / OUTSIDE CORNERS  
FULL

| No. | Description | Date |
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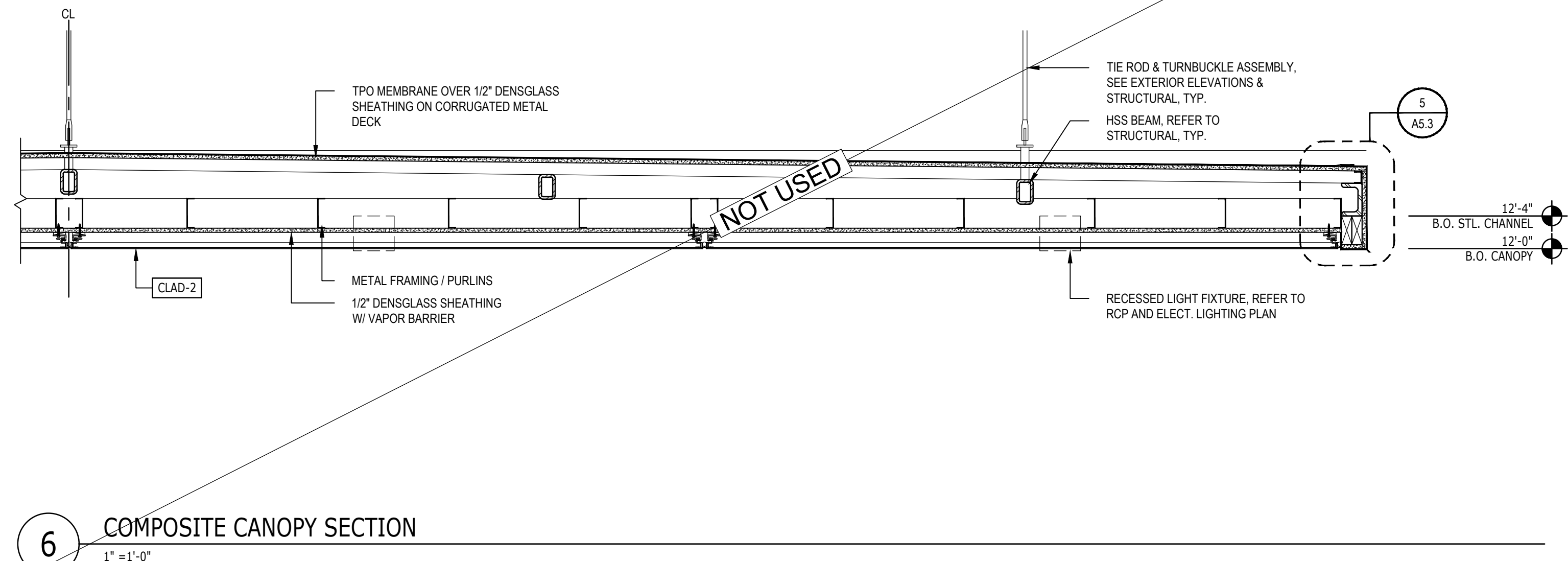
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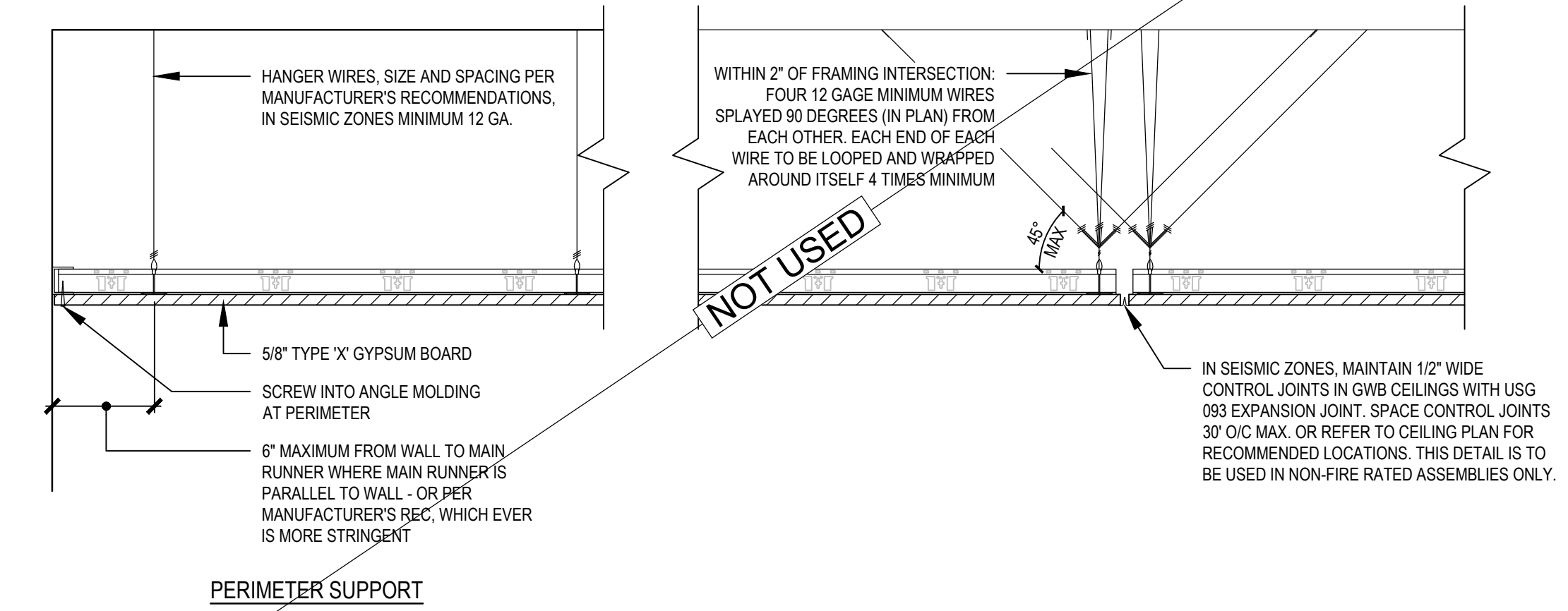


6 COMPOSITE CANOPY SECTION  
1" = 1'-0"

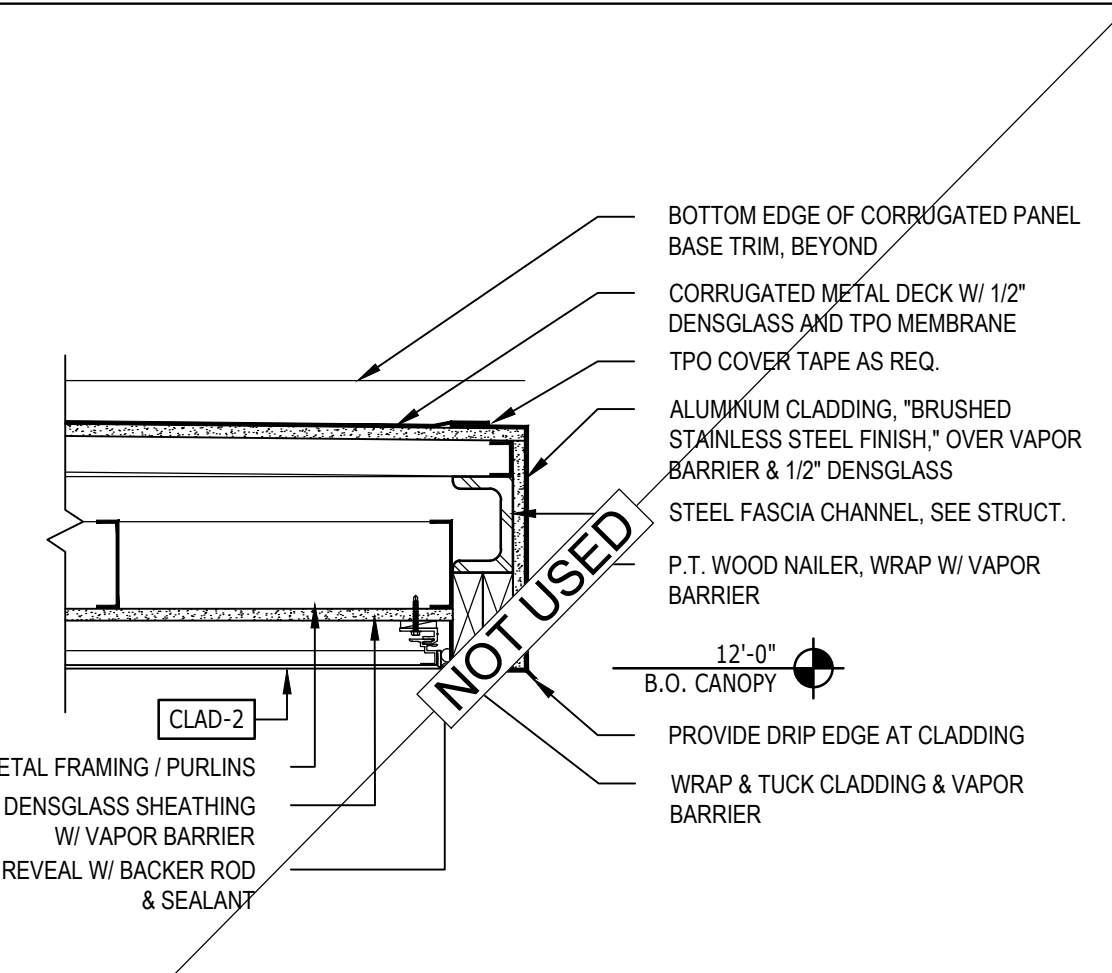
LOCATE BRACING AT 12'-0" ON CENTER EACH DIRECTION AND WITHIN 6'-0" OF PERIMETER PARTITION OR PER MANUFACTURER RECOMMENDATIONS, WHICH EVER IS MORE STRINGENT

U.S.G. DRYWALL SUSPENSION SYSTEM:  
- DGLW-26, 12' X 1 1/2' X 1 1/2' HEAVY DUTY MAIN TEE  
- DGLW-424, 4' X 1 1/2' X 1 1/2' CROSS TEE - INSTALL PER MANUFACTURER RECOMMENDATIONS - OR OWNER APPROVED USG OR ARMSTRONG ALTERNATE SYSTEM

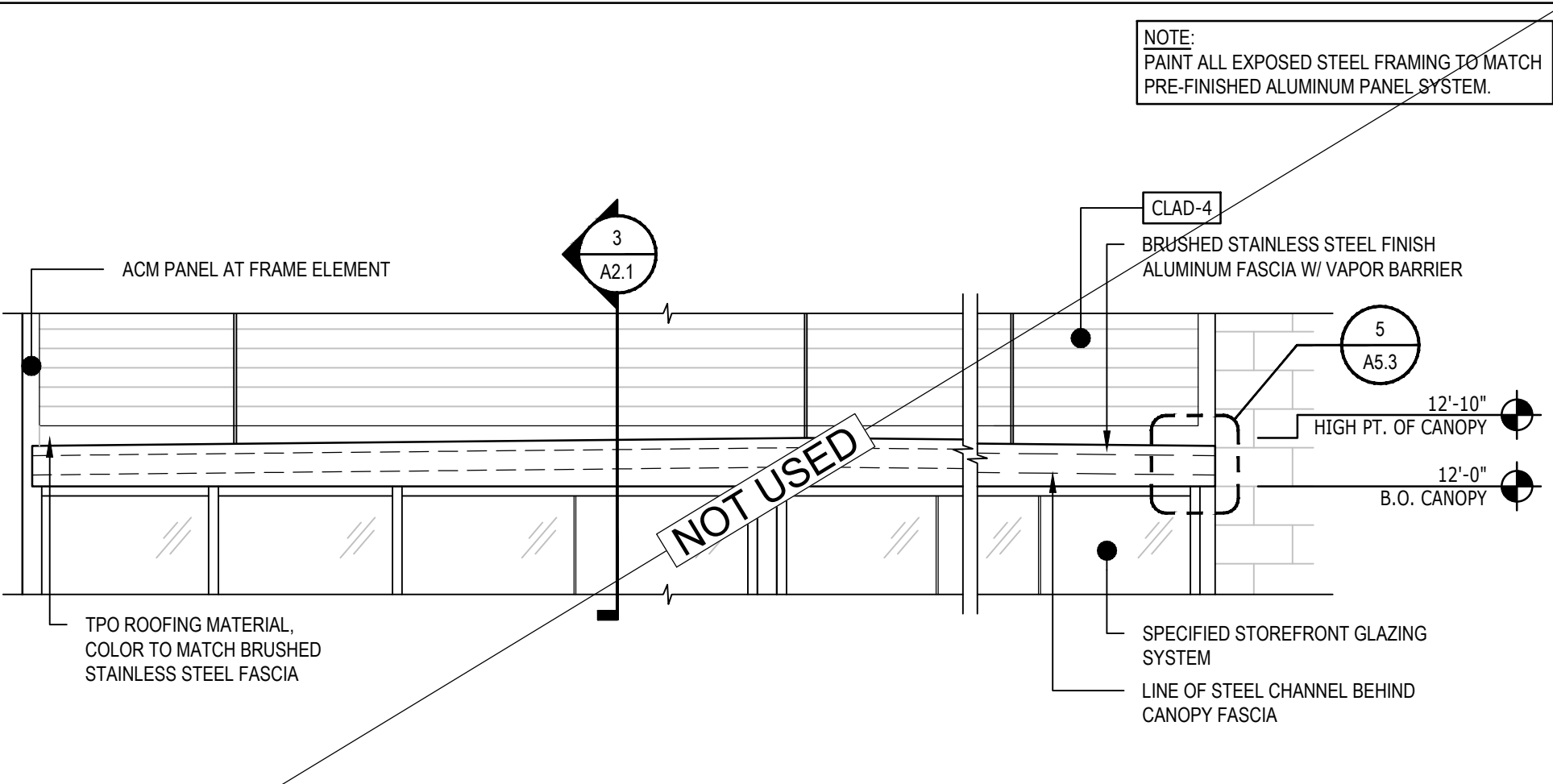
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LARR#: RR 25764



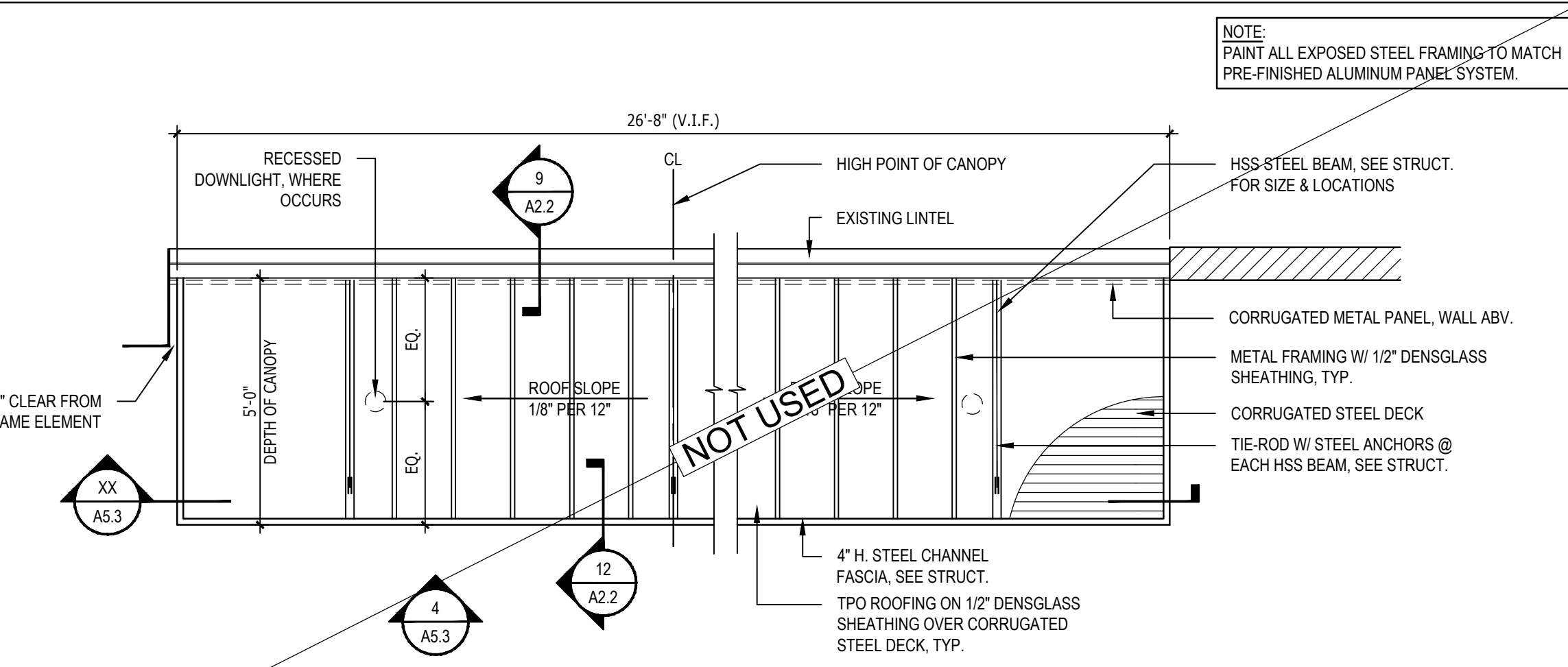
2 SEISMIC DETAIL - SUSPENDED GYPSUM BOARD CEILING  
NTS



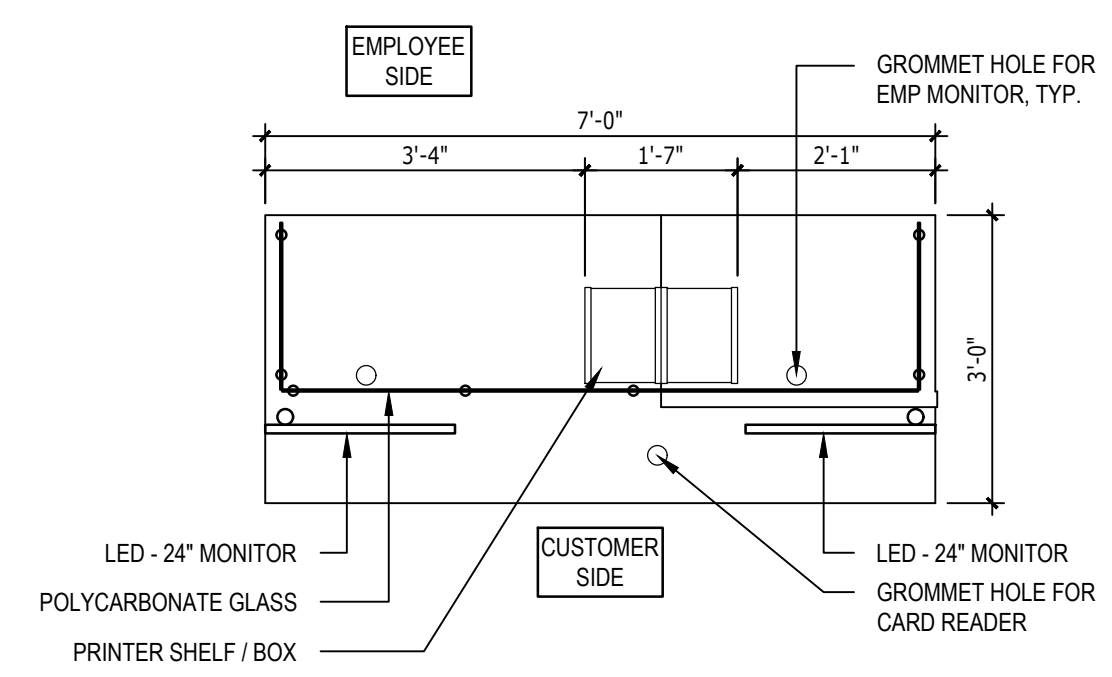
5 CANOPY SIDE FASCIA  
1-1/2" = 1'-0"



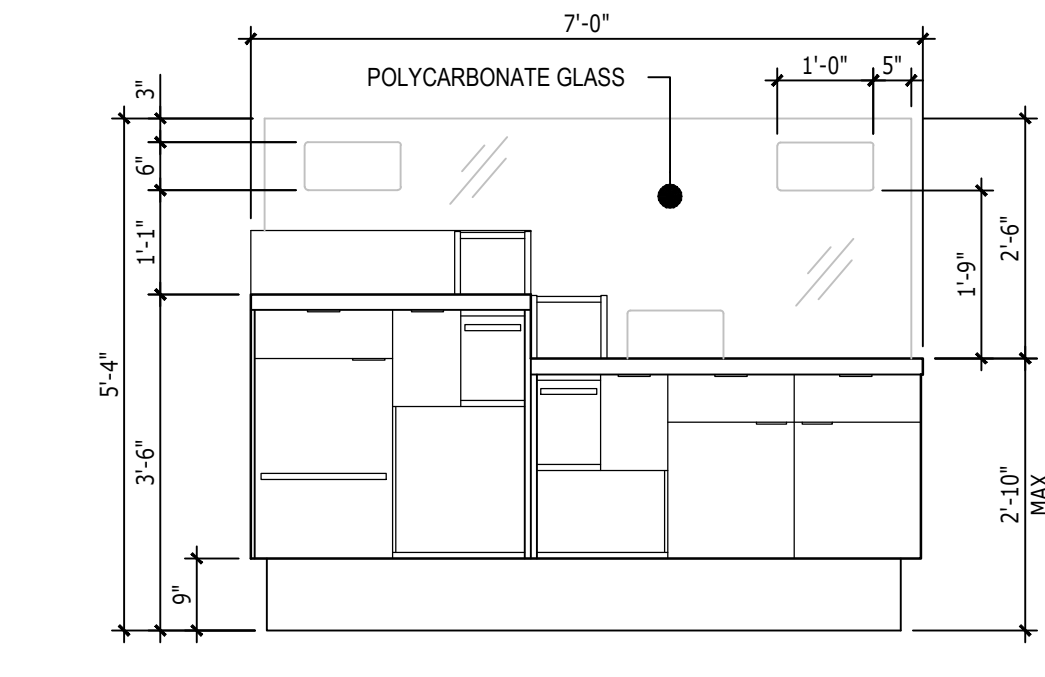
4 COMPOSITE CANOPY ELEVATION  
3/8" = 1'-0"



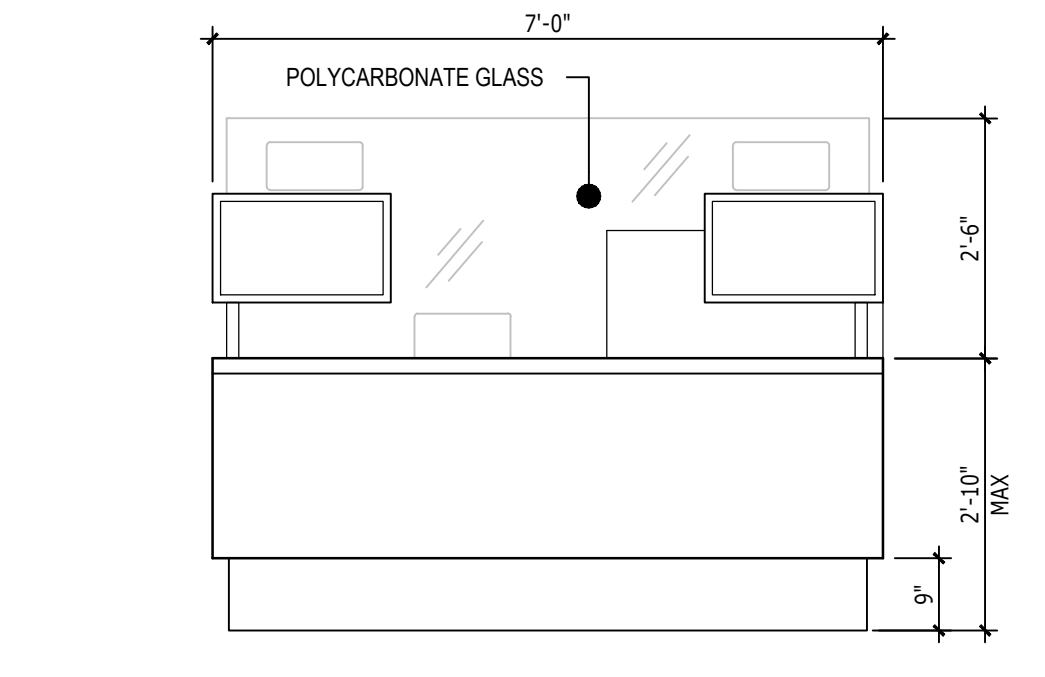
1 COMPOSITE CANOPY FRAMING PLAN  
3/8" = 1'-0"



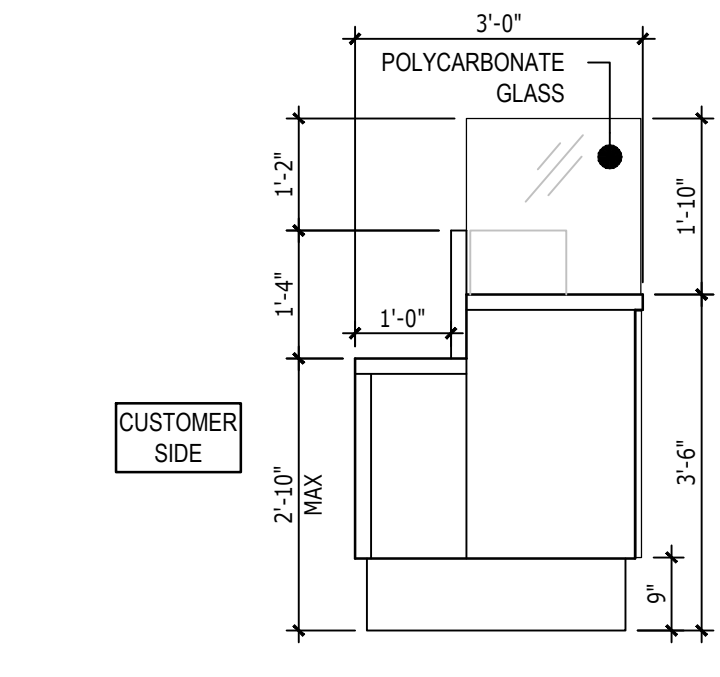
3 ACCESSIBLE COMPLIANT SALES TERMINAL  
1/2" = 1'-0"



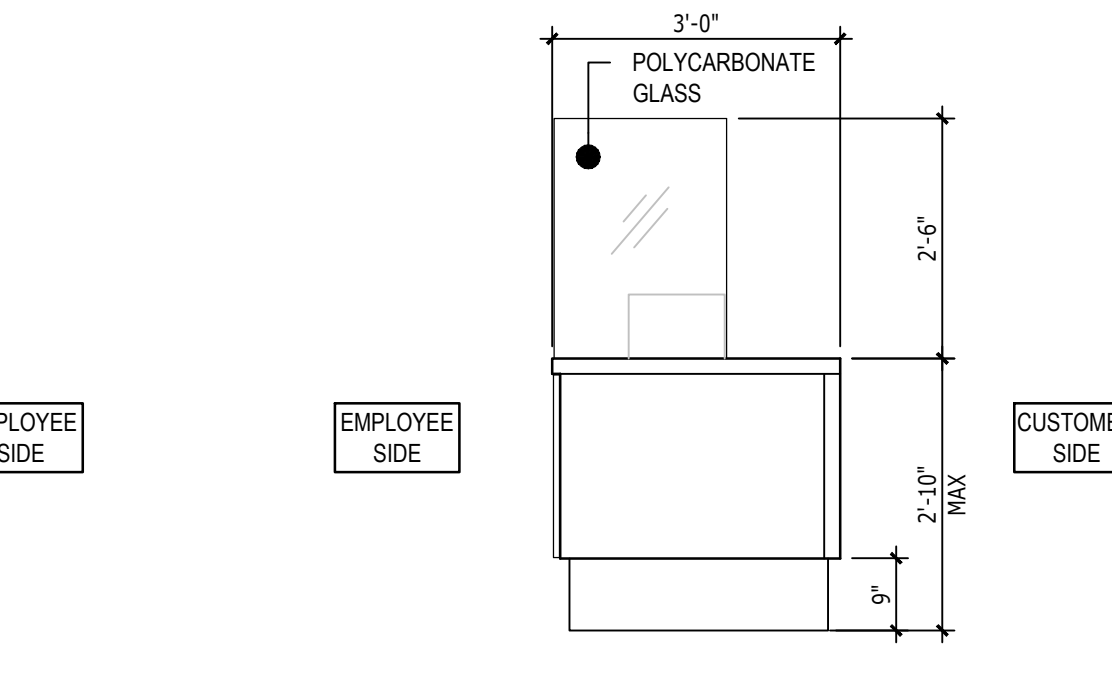
EMPLOYEE ELEVATION



SALES ELEVATION



SIDE ELEVATION



SIDE ELEVATION



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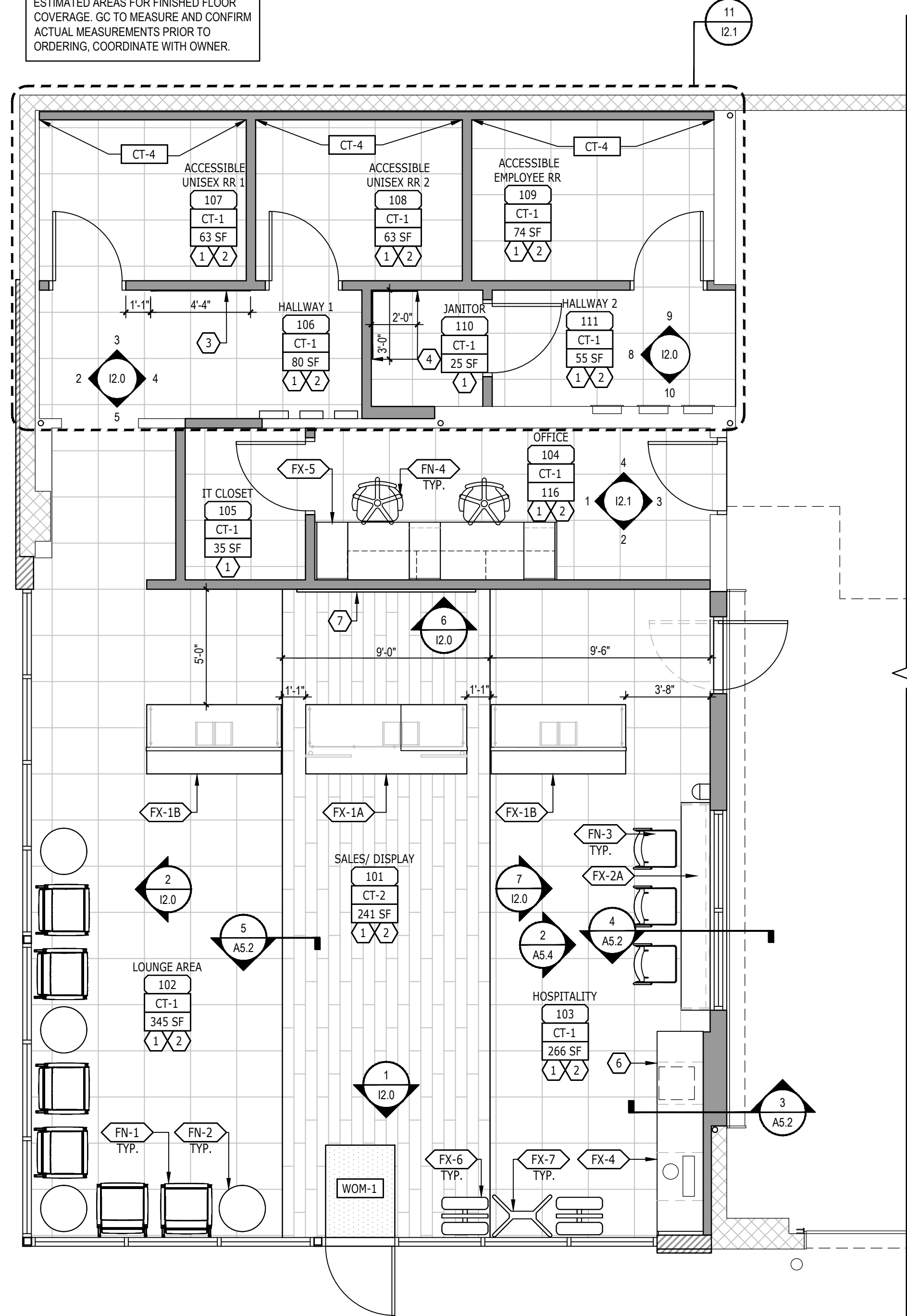
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| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**DETAILS**

SHEET #  
**A5.3**



NOTE:  
SQUARE FOOTAGES PROVIDED ARE  
ESTIMATED AREAS FOR FINISHED FLOOR  
COVERAGE. GC TO MEASURE AND CONFIRM  
ACTUAL MEASUREMENTS PRIOR TO  
ORDERING. COORDINATE WITH OWNER.



1 FURNITURE, FIXTURE & FINISH PLAN

1/4" = 1'-0"



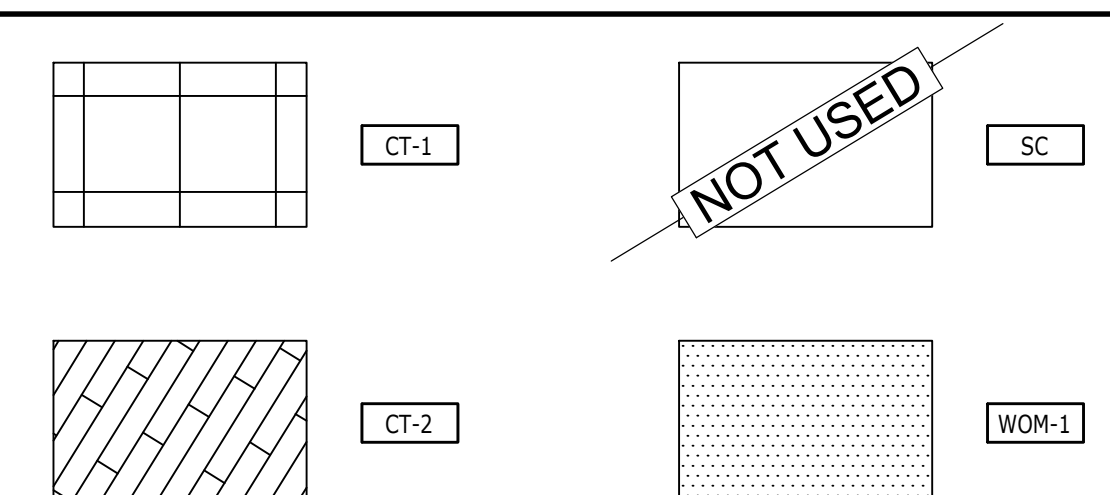
FIXTURE SCHEDULE

| CODE  | LOCATION                                      | REMARKS   |
|-------|---|---|
| FX-1A | SALES POD - ADA COMPLIANT                     | REFER TO CASEWORK VENDOR SHOP DRAWINGS<br>REFER TO SHEET A5.3 FOR ACCESSIBILITY COMPLIANCE DTL. |
| FX-1B | SALES POD - DOUBLE                            | REFER TO CASEWORK VENDOR SHOP DRAWINGS  |
| FX-1C | SALES POD - SINGLE                            | REFER TO CASEWORK VENDOR SHOP DRAWINGS  |
| FX-2  | HOSPITALITY VIEWING COUNTER                   | REFER TO SHEETS G0.1 & A5.2 FOR INFORMATION REGARDING<br>OWNER & GC RESPONSIBILITIES.           |
| FX-2A | SERVICE BAY VIEWING COUNTER                   | SIZE VARIES. REFER TO CASEWORK VENDOR SHOP<br>DRAWINGS  |
| FX-4  | HOSPITALITY BAR W/ LAMINATE<br>PANEL SURROUND | REFER TO CASEWORK VENDOR SHOP DRAWINGS  |
| FX-5  | MANAGER'S OFFICE                              | SIZE VARIES. REFER TO CASEWORK VENDOR SHOP<br>DRAWINGS  |
| FX-6  | TIRE DISPLAY FIXTURE                          | EXISTING FIXTURE. GC TO REMOVE AND SALVAGE DURING<br>CONSTRUCTION. REINSTALL WHERE INDICATED.   |
| FX-7  | TIRE DISPLAY FIXTURE                          | EXISTING FIXTURE. GC TO REMOVE AND SALVAGE DURING<br>CONSTRUCTION. REINSTALL WHERE INDICATED.   |

SHEET NOTES

- SLIP RESISTANT TILE.
- REFER TO INTERIOR ELEVATIONS FOR ALL WALL FINISHES.
- FRP PANELS TO BE INSTALLED AT WATER FOUNTAINS, TO 7'-10" AFF. INSTALL OVER WATER RESISTANT GYPSUM BOARD. FRP COLOR TO MATCH P-4.
- JANITOR CLOSET TO RECEIVE FRP PANELS, FULL HEIGHT, OVER WATER RESISTANT GYPSUM BOARD, COLOR WHITE.
- FIVE LIFE LESSONS SIGN, OWNER FURNISHED & INSTALLED.
- SURFACE MOUNTED "FREE WI-FI" SIGN, OWNER FURNISHED & INSTALLED.
- SURFACE MOUNTED DISCOUNT TIRE SIGNAGE ON RED ACM PANELS, OWNER FURNISHED & INSTALLED. OWNER PROVIDED ARTWORK MOUNTED TO WALL ABOVE TOILET.
- OWNER PROVIDED ARTWORK MOUNTED TO WALL ABOVE TOILET.

FLOOR FINISH LEGEND



FURNITURE SCHEDULE

| CODE | TYPE                 | LOCATION                           | MANUFACTURER | PRODUCT                            | COLOR   | DIMENSION                 | CONTACT   |
|------|----------------------|------------------------------------|--------------|------------------------------------|---|---------------------------|---|
| FN-1 | LOUNGE CHAIR         | RETAIL SALES                       | CAROLINA     | SERONY                             | LUSTER GREY FRAME<br>GREY POLY CAP<br>MAHARAM LARIAT BLACK 006 FABRIC   | 27"W X 25.5"D X 31" H.    | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |
| FN-2 | SIDE TABLE           | RETAIL SALES                       | CAROLINA     | X&O W/ C6X ON TOP                  | WILSONART MISSION MAPLE, 3" PLINTH IN<br>SLATE GRAY   | 24"DIA X 20"H             | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |
| FN-3 | COUNTER HEIGHT STOOL | RETAIL SALES &<br>MANAGER'S OFFICE | SITONIT      | RIO                                | UPHOLSTERED SEAT & PLASTIC BACK<br>ARMLESS, GLIDED 4 LEGGED BASE<br>SILVER FRAME, RED SHELL<br>ELEMENT STANDARD ONYX FABRIC | 21.2"H X 22.2"D X 40.35"H | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |
| FN-4 | TASK CHAIR           | MANAGER'S OFFICE                   | SITONIT      | D FLOOR CASTERS,<br>SILVER SUPPORT | ELEMENT STANDARD ONYX FABRIC<br>BRUSHED ALUMINUM BASE   | 26"W X 25"D X 35"H        | OSTERMAN CRON<br>CONTACT: RACHAEL WYDER<br>513-771-3377 EXT 129<br>RACHAEL@OSTERMANCRON.COM<br>WWW.OSTERMANCRON.COM |

INTERIOR FINISH SCHEDULE

| CODE  | MATERIAL              | MANUFACTURER     | PRODUCT / COLOR  | DIMENSION    | LOCATION  | REMARKS                                     | CONTACT   |
|-------|-----------------------|------------------|--|--------------|---|---|---|
| ACT-1 | ACOUSTIC CEILING TILE | ARMSTRONG        | CORTEGA / 704A WHITE ANGLED TEGULAR 15/16  | 24 X 24      | GENERAL CEILING   | USE WITH WHITE T-BAR PRELUDE XL 15/16       | JOSHUA EDEN / 717-336-5972                                  |
| ACT-2 | ACOUSTIC CEILING TILE | ARMSTRONG        | CORTEGA / 709 BLACK SQUARE LAY IN 15/16  | 24 X 24      | RAISED SALES CEILING  | USE WITH BLACK T-BAR SUPERFINE GRID         | JOSHUA EDEN / 717-336-5972                                  |
| CT-1  | CERAMIC TILE          | DALTILE          | INDUSTRIAL PARK / CHARCOAL GRAY IP09   | 24 X 24      | SALES FLOOR   | INSTALL: STACK BOND PATTERN                 | BOB RAUNER / 480-443-1057                                   |
| CT-2  | CERAMIC TILE          | DALTILE          | SADDLE BROOK - OAK TRAIL   | 6 X 36       | SALES FLOOR & WALLS   | INSTALL: STAGGERED BRICK JOINT, LAP 33%     | BOB RAUNER / 480-443-1057                                   |
| CT-3  | CERAMIC TILE          | DALTILE          | SHOWSCAPE / SOFT GRAY SH11-REVERSE DOT   | 12 X 24      | RESTROOM WALLS  | INSTALL: STACK BOND PATTERN                 | BOB RAUNER / 480-443-1057                                   |
| CT-4  | CERAMIC TILE          | DALTILE          | SHOWSCAPE / CURRANT SH17 (C) CHEVRON   | 12 X 24      | RESTROOM ACCENT WALLS   | INSTALL: STACK BOND PATTERN                 | BOB RAUNER / 480-443-1057                                   |
| GR-1  | GROUT                 | MAPEI            | ULTRACOLOR PLUS FA / BLACK 10  | N/A          | FLOOR: SALES, LOUNGE,<br>HOSPITALITY, OFFICE, COMPUTER,<br>HALLWAY, RESTROOMS<br>WALLS: RESTROOMS | GROUT WIDTH 1/8" TO 1/4" AS TILE ALLOWS     |   |
| GR-2  | GROUT                 | MAPEI            | ULTRACOLOR PLUS FA / UDRY 39   | N/A          | HOSPITALITY TILED WALLS   | GROUT WIDTH 1/8" TO 1/4" AS TILE ALLOWS     |   |
| MT-1  | KICK PLATE            |                  | METAL COVER BASE / BRUSHED ALUMINUM  | 12" X 20" GA | FOCAL WALL  |   |   |
| P-3   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6252 ICE CUBE, 2 COATS: PROMAR 200 ZERO<br>VOC INTERIOR LATEX SEMI GLOSS.                             |              | GENERAL WALLS   | WALL TEXTURE: ORANGE PEEL                   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-4   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 7650 ELLIE GRAY, 2 COATS: PROMAR 200 ZERO<br>VOC INTERIOR LATEX SEMI GLOSS.                           |              | GENERAL WALLS, CHAIR RAIL,<br>DOORS & TRIM, SERVICE AREA  | WALL TEXTURE: ORANGE PEEL                   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-5   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 7757 HIGH REFLECTIVE WHITE, 2 COATS:<br>PROMAR 200 ZERO VOC INTERIOR LATEX GLOSS.                     |              | RESTROOM CEILING, JANITOR<br>ROOM CEILING   |   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-6   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6981 BLACK MARB, 2 COATS: PROMAR 200<br>ZERO VOC INTERIOR LATEX SEMI GLOSS.                           |              | BOTTOM OF SOFFIT IN<br>HOSPITALITY BAR  |   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-7   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6259 SPATIAL WHITE, 2 COATS: PROMAR 200<br>ZERO VOC INTERIOR LATEX SEMI GLOSS.                        |              | STORAGE ROOMS   | WALL TEXTURE: ORANGE PEEL                   | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| P-8   | PAINT                 | SHERWIN WILLIAMS | PAINT / SW 6868 REAL RED, 2 COATS: PROMAR 200 ZERO<br>VOC INTERIOR LATEX GLOSS.                                  |              | BACK WALL OF HOSPITALITY BAR  | WALL TEXTURE: SMOOTH                        | JODI CAMPBELL / 585-278-7244<br>JODI.A.CAMPBELL@SHERWIN.COM |
| SC    | SEALED CONCRETE       |                  | SEALED BY OWNER. VOC COMPLIANT. ACRYLIC<br>COPOLYMER TYPE. ASTM C1518, CLASS R, ADF FORD<br>FORMULA - CURECRETE. |              | STORAGE, SERVICE AREA<br>COMPRESSOR ROOM, FIRE RISER<br>ROOM                                      |   |   |
| RB-1  | RUBBER BASE           | JOHNSONITE       | TRADITIONAL WALL BASE / 63; STANDARD UMBER B   | 4" HEIGHT    | GENERAL WALLS   | STANDARD COVE HEIGHT 4"                     | ERIN RINK / 513-504-5734                                    |
| WOM-1 | WALK-OFF MAT          | PEDIMAT          | ANODIZED ALUMINUM RAIL / MIDNIGHT BLACK INSERT   | 36" X 48"    | SALES AREA ENTRY DOORS  | TOP OF PEDIMAT TO BE FLUSH W/ FLOOR<br>TILE |   |

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693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024

Donald J. Rothman

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| No. | Description | Date |
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PROJECT NUMBER DT10773  
DATE 10/08/2024  
DRAWN BY LI / RS  
CHECKED BY JDW / DJR

SHEET NAME  
FURNITURE, FIXTURE &  
FINISH PLAN

SHEET #  
11.0

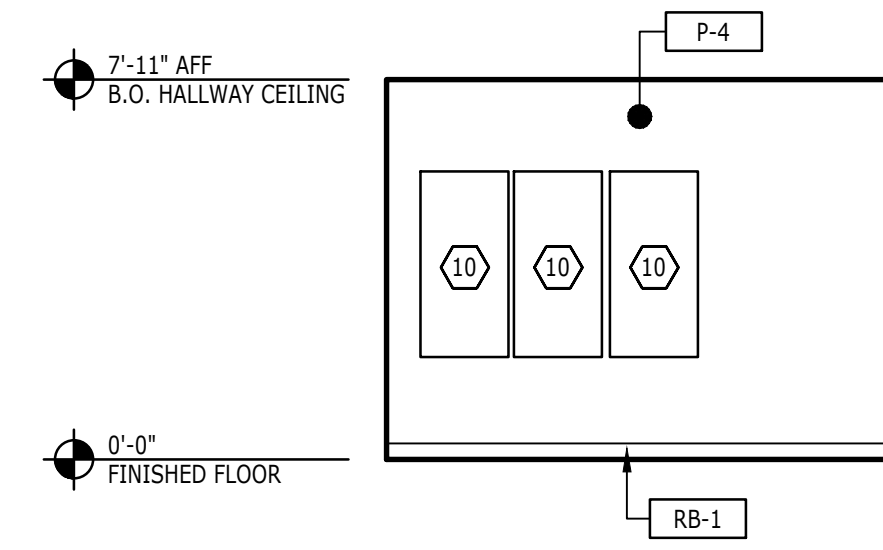


**SHEET NOTES**

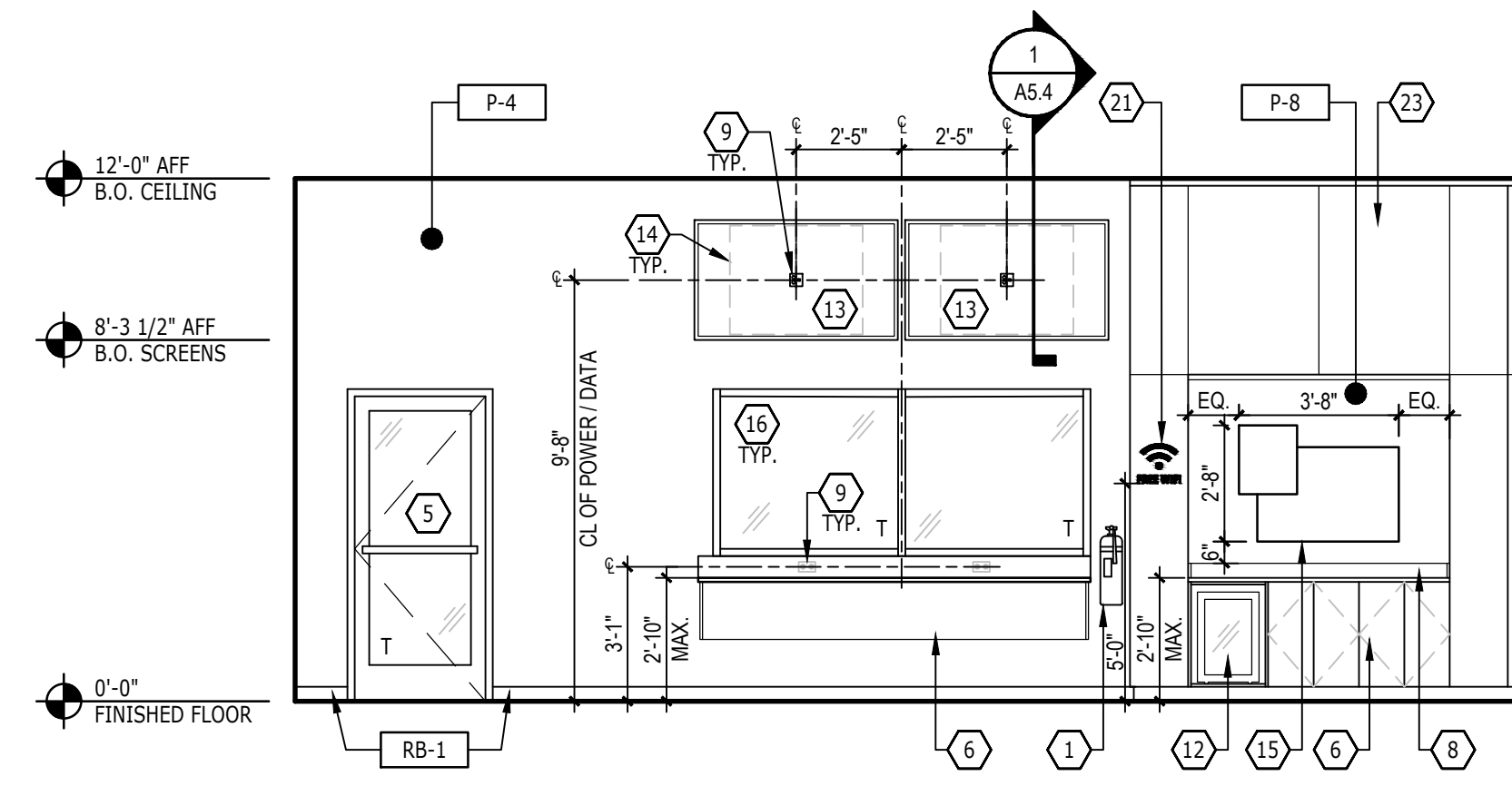
1. RELOCATED FIRE EXTINGUISHER AND APPLICABLE IDENTIFICATION SIGNAGE.
2. STORERONT GLAZING SYSTEM, REFER TO SHEET A1.0A.
3. EXISTING STOREFRONT GLAZING SYSTEM.
4. PROVIDE ALUMINUM CLOSURE PANEL TO MATCH ADJACENT STOREFRONT W/ CATHODIC PROTECTION AROUND STEEL COLUMN.
5. ALUMINUM STOREFRONT DOOR, REFER TO SHEET A1.0A.
6. MILLWORK / FIXTURE / EQUIPMENT.
7. PHONE CHARGING STATION.
8. 4" BACKSLASH.
9. POWER / DATA OUTLET, REFER TO ELECTRICAL DRAWINGS.
10. EXISTING ELECTRICAL PANEL, REFER TO ELECTRICAL DRAWINGS.
11. DRINKING FOUNTAIN W/ BOTTLE FILLER ON LOW FOUNTAIN, REFER TO PLUMBING. INSTALL CANE DETECTION APRON ON HIGH FOUNTAIN.
12. REFRIGERATOR.
13. DIGITAL DISPLAY, SUPPORTS ARE OWNER FURNISHED / OWNER INSTALLED. REFER TO ELECTRICAL DRAWINGS FOR POWER / DATA.
14. PROVIDE IN-WALL FRT PLYWOOD BLOCKING FOR DIGITAL DISPLAYS. PROVIDE SINGLE STUD BLOCKING AS REQUIRED.
15. FIVE LIFE LESSONS SIGN, OWNER FURNISHED & OWNER INSTALLED.
16. CLEAR ANODIZED ALUMINUM WINDOW WALL W/ 1" INSULATED GLAZING. REFER TO GLAZING ELEVATIONS ON A1.0A.
17. ACCESSIBLE RESTROOM SIGNAGE.
18. HAND SANITIZER.
19. FRP. COLOR TO MATCH P-4, 7'-10" IN HEIGHT, APPLIED OVER WATER RESISTANT GYPSUM BOARD.
20. EXPOSED BASE BUILDING COLUMN, PAINT TO MATCH P-4.
21. FREE WI-FI SIGN.
22. MOTORIZED ROLLER SHADES, REFER TO REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS.
23. HOSPITALITY BAR MILLWORK WITH LAMINATE PANEL SURROUND. INSTALL, BLOCK, AND BRACE AS REQUIRED PER VENDOR INSTRUCTION.
24. INTERIOR SIGNAGE OVER PRE-FINISHED SOLID CORE ACM PANELS, PROVIDED AND INSTALLED BY OWNER. GO TO COORDINATE IN-WALL BLOCKING WITH OWNER / OWNER VENDOR AS REQUIRED.
25. HOSPITALITY GRAPHIC.
26. RELOCATED EXISTING FIRE ALARM CONTROL PANEL, REFER TO ENGINEERED DRAWINGS.

**GENERAL MILLWORK NOTES**

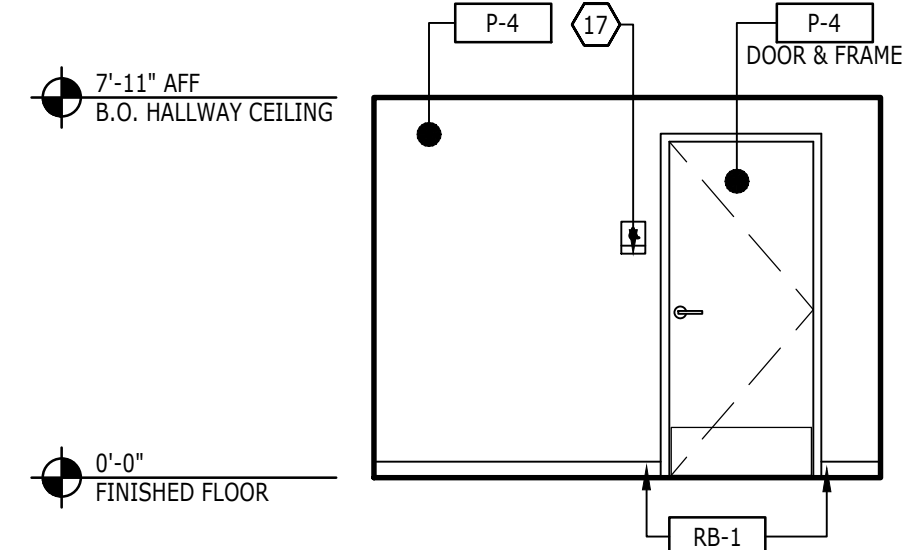
1. ALL EXPOSED MILLWORK SURFACES TO BE LAMINATED.
2. HANDLES TO BE BRUSHED ALUMINUM 3 1/2" STANLEY STIRRUPS OR OWNER APPROVED EQUAL.
3. DRAWERS TO BE MADE OF PLYWOOD.
4. ALL HINGES TO BE "BLUM" OR OWNER APPROVED EQUAL.
5. ALL CABINETS ARE OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE INSTALLATION.
6. ELECTRICAL SERVICE TO NEW SALES COUNTERS TO BE UNDERGROUND. REWORK AND/OR REPLACE EXISTING UNDERGROUND CONDUIT AS REQUIRED FOR NEW LOCATIONS. GENERAL CONTRACTOR TO COORDINATE EXACT LOCATION WITH MILLWORK CONTRACTOR. REFER TO ELECTRICAL DRAWINGS AS REQUIRED FOR SCOPE.
7. CAULK ALL EDGES OF MILLWORK TO ADJACENT WALL SURFACE.



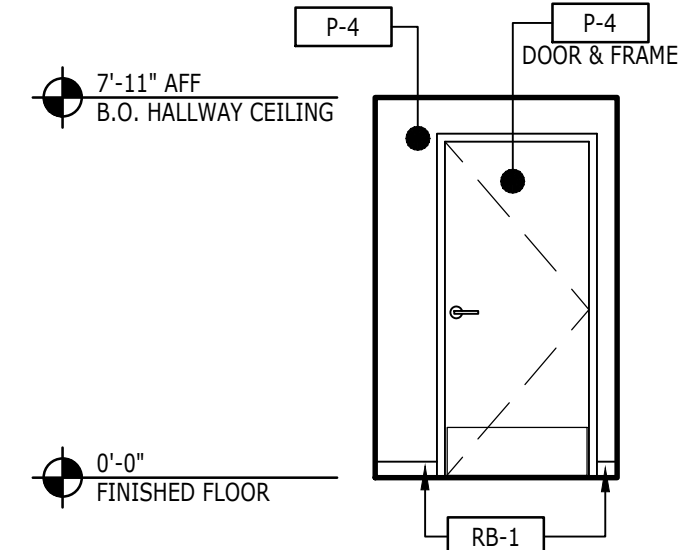
**10** INTERIOR ELEVATION - HALLWAY 2  
1/4" = 1'-0"



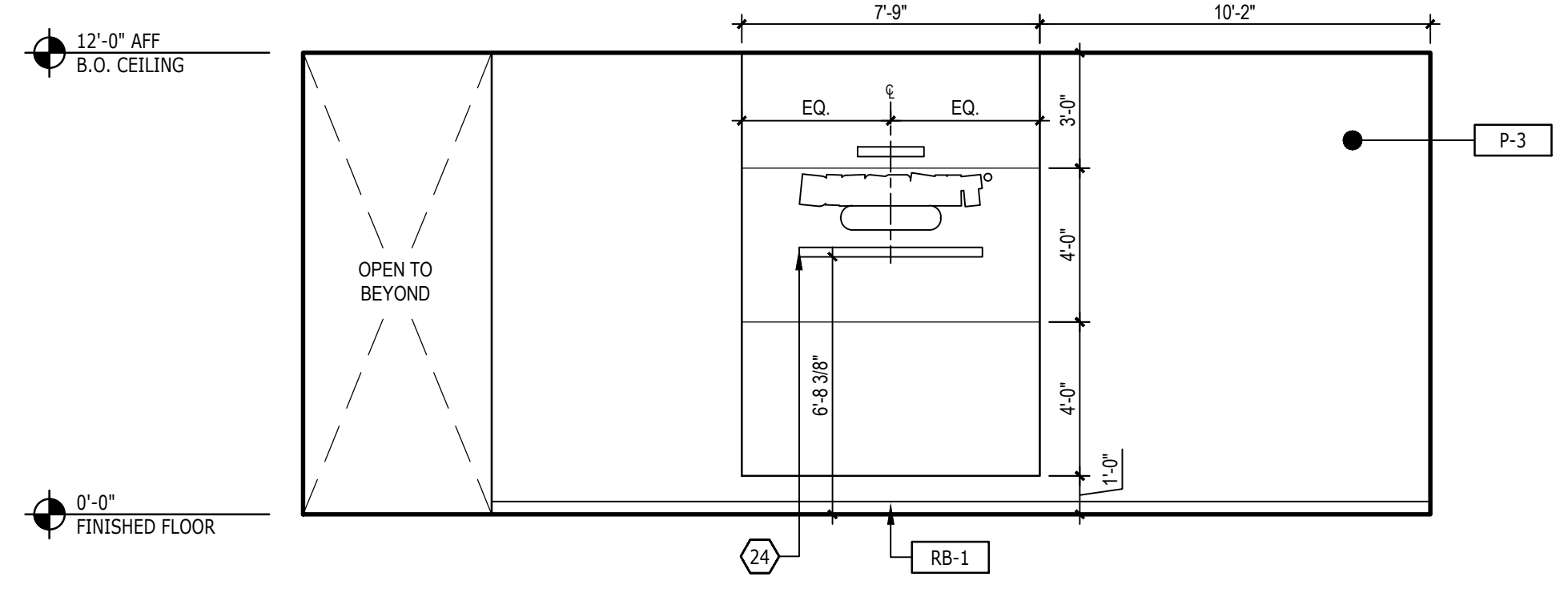
**7** INTERIOR ELEVATION - HOSPITALITY / SALES  
1/4" = 1'-0"



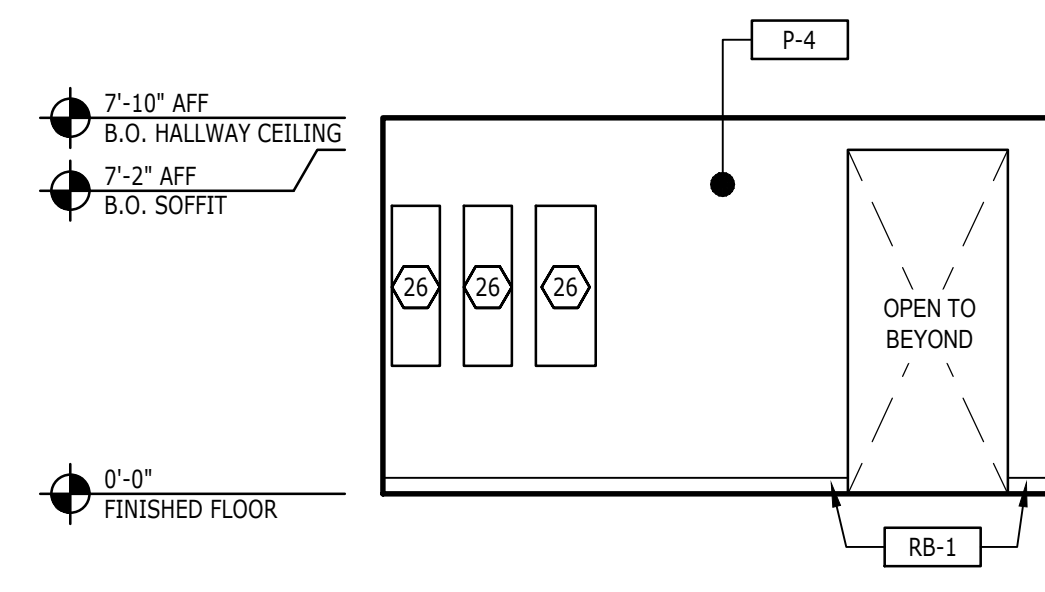
**9** INTERIOR ELEVATION - HALLWAY 2  
1/4" = 1'-0"



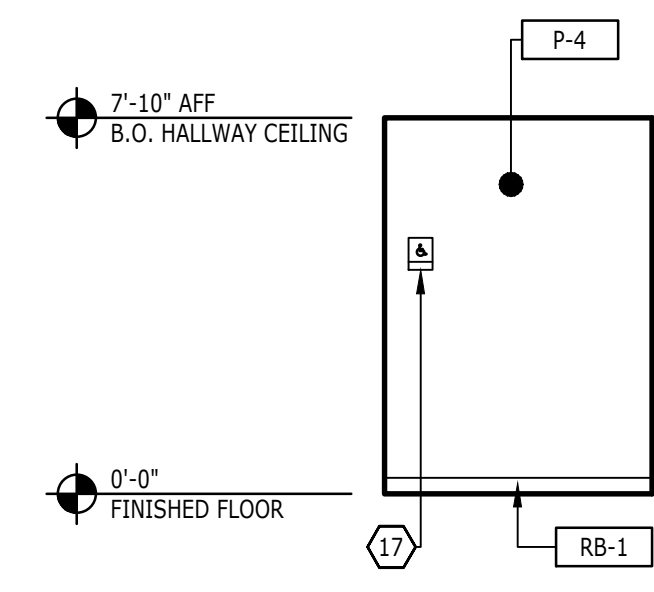
**8** INTERIOR ELEVATION - HALLWAY 2  
1/4" = 1'-0"



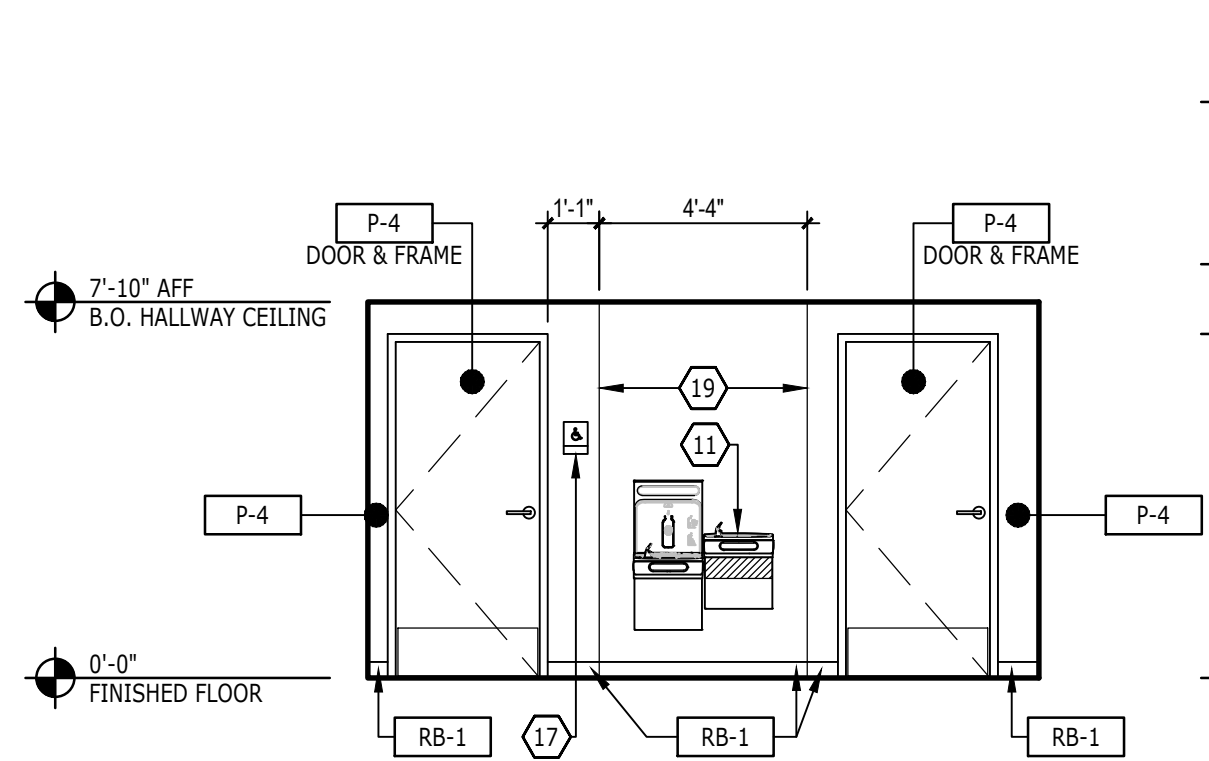
**6** INTERIOR ELEVATION - FOCAL WALL  
1/4" = 1'-0"



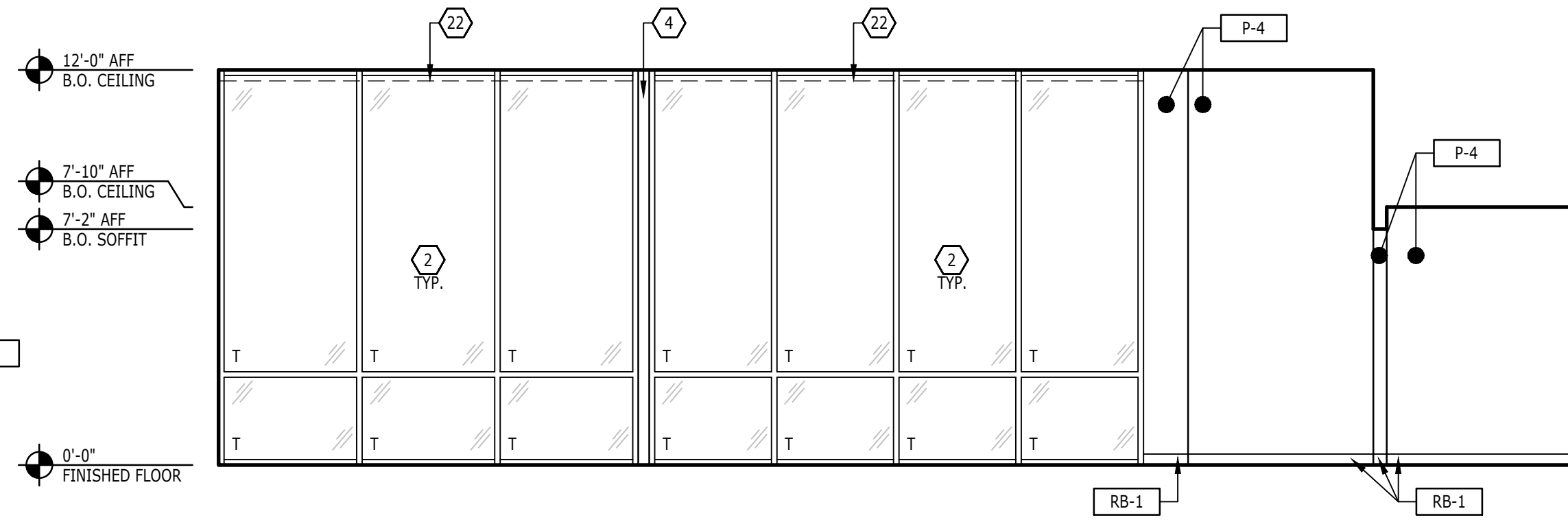
**5** INTERIOR ELEVATION - HALLWAY 1  
1/4" = 1'-0"



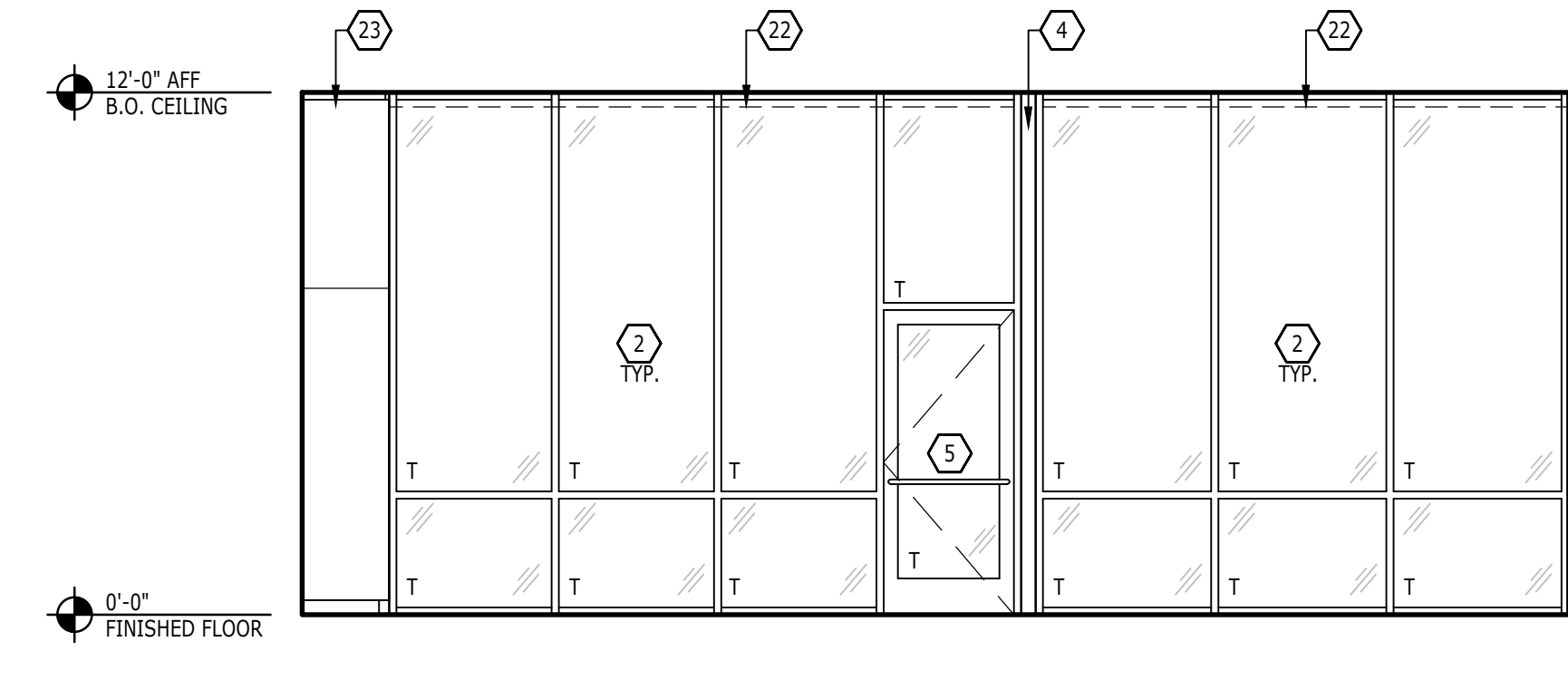
**4** INTERIOR ELEVATION - HALLWAY 1  
1/4" = 1'-0"



**3** INTERIOR ELEVATION - HALLWAY 1  
1/4" = 1'-0"



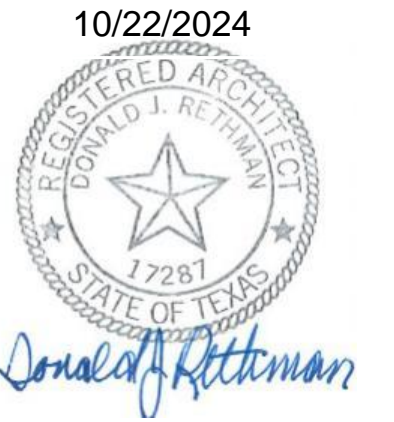
**2** INTERIOR ELEVATION - SALES  
1/4" = 1'-0"



**1** INTERIOR ELEVATION - SALES  
1/4" = 1'-0"

**DISCOUNT TIRE**

TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087



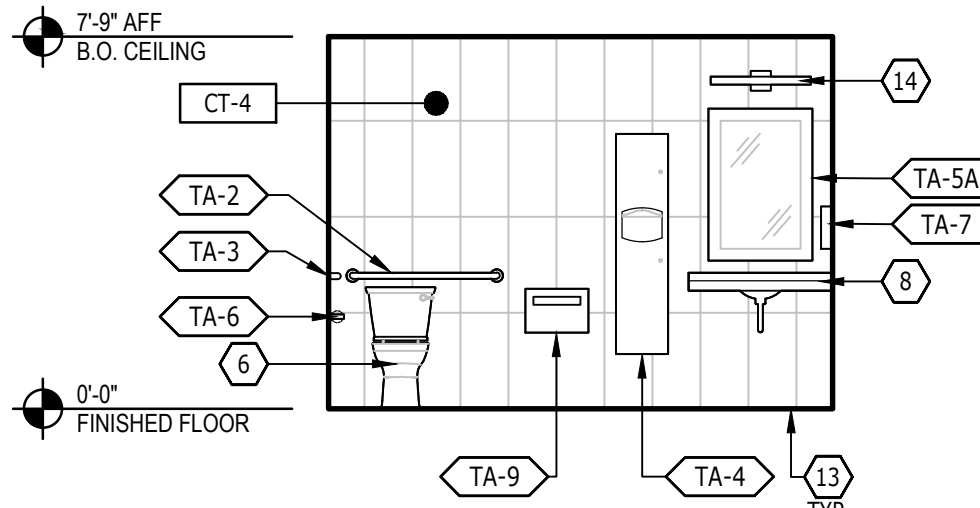
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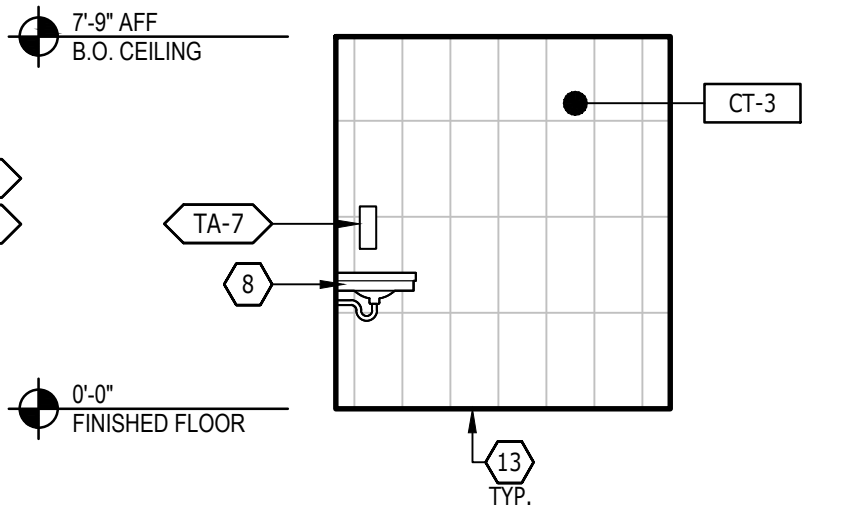
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**INTERIOR ELEVATIONS**

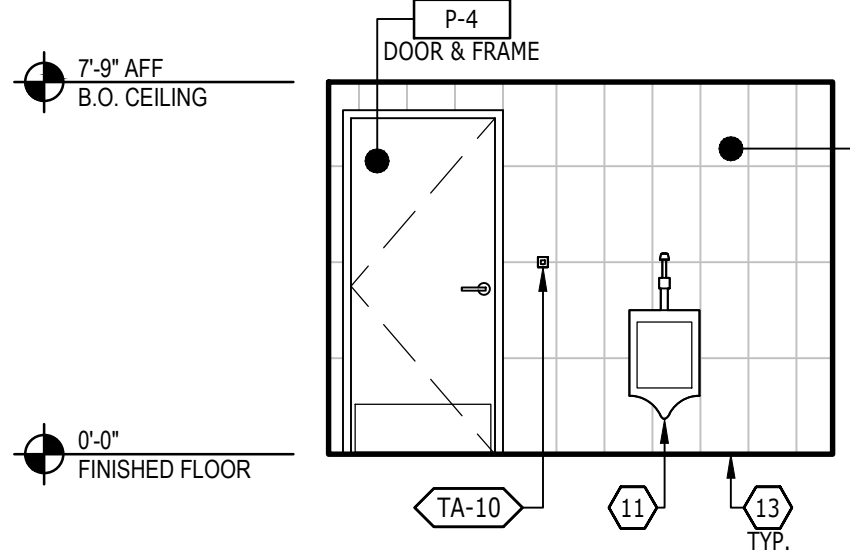
SHEET #  
**12.0**



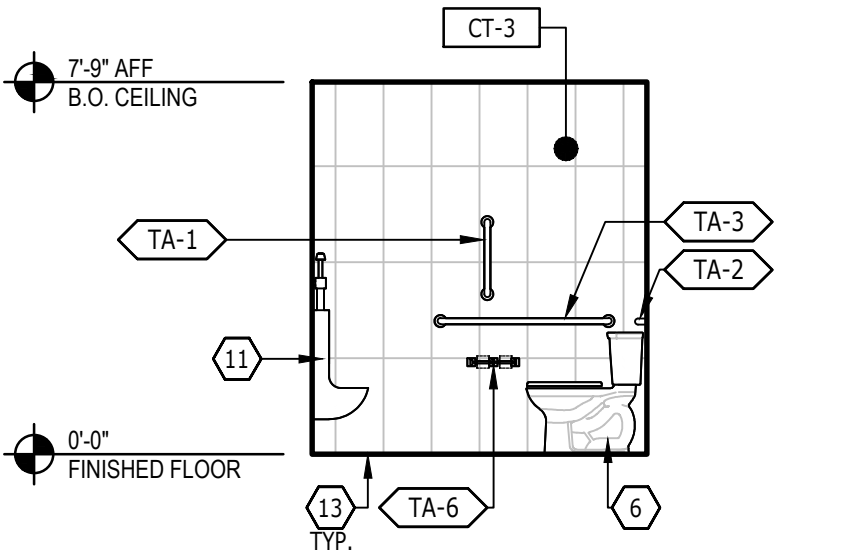
17 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



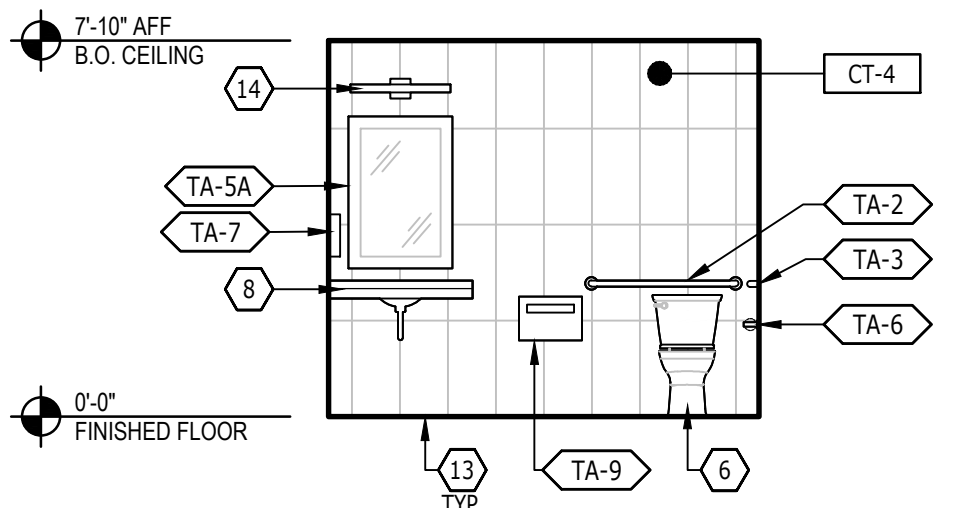
16 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



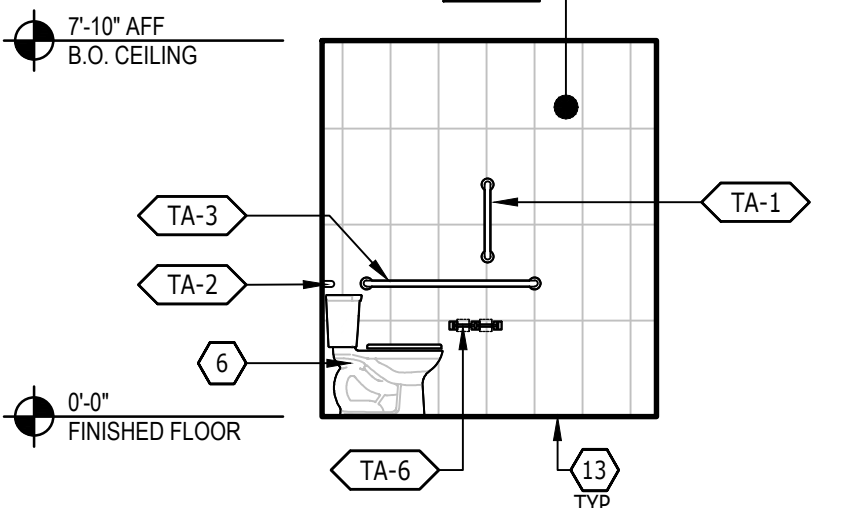
15 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



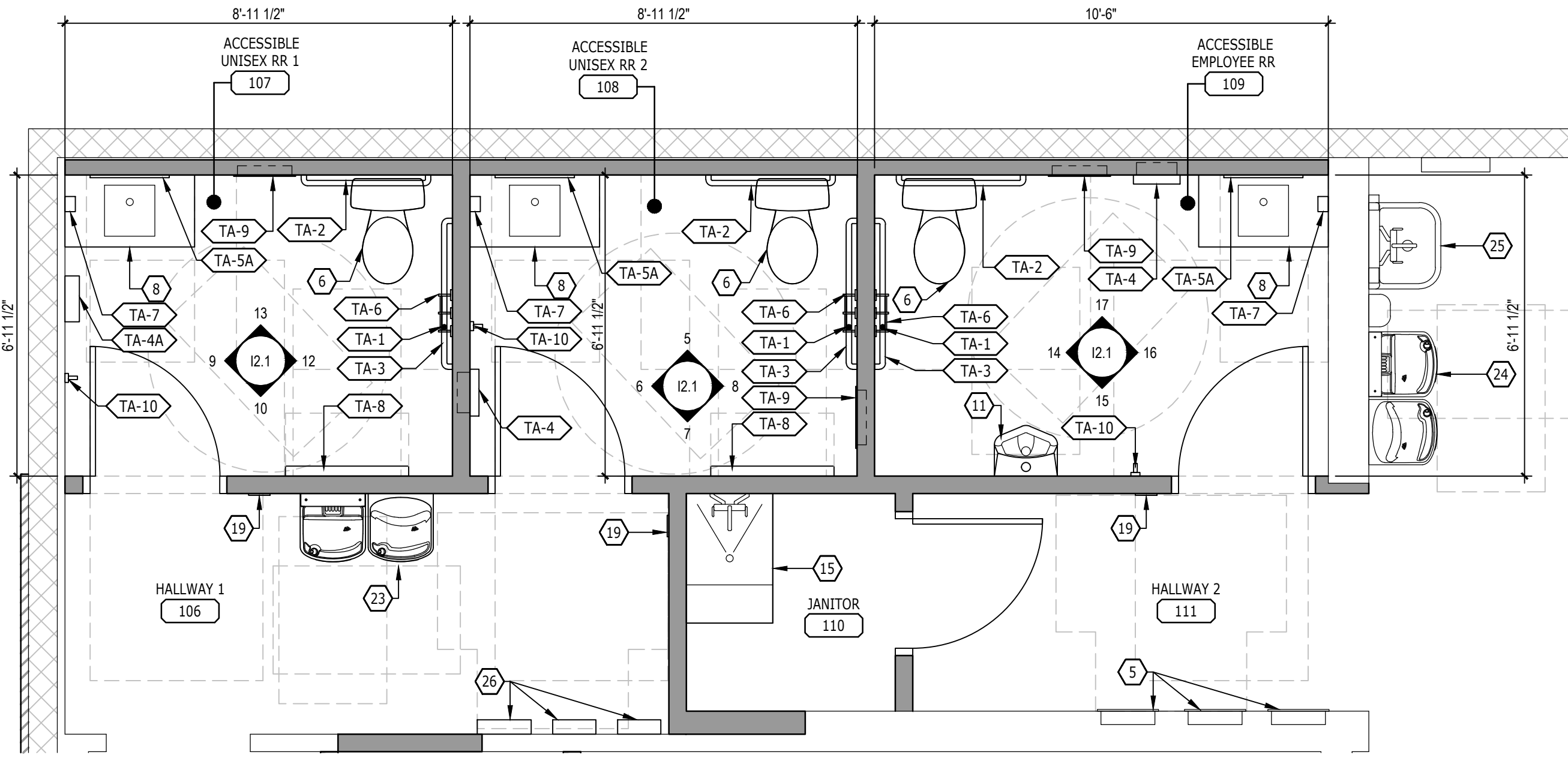
14 INT. ELEVATION - EMPLOYEE RR  
1/4" = 1'-0"



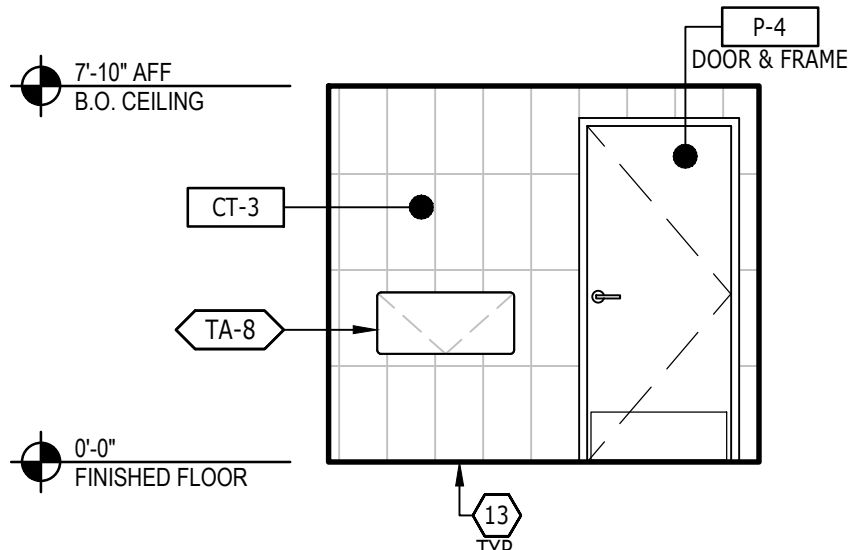
13 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



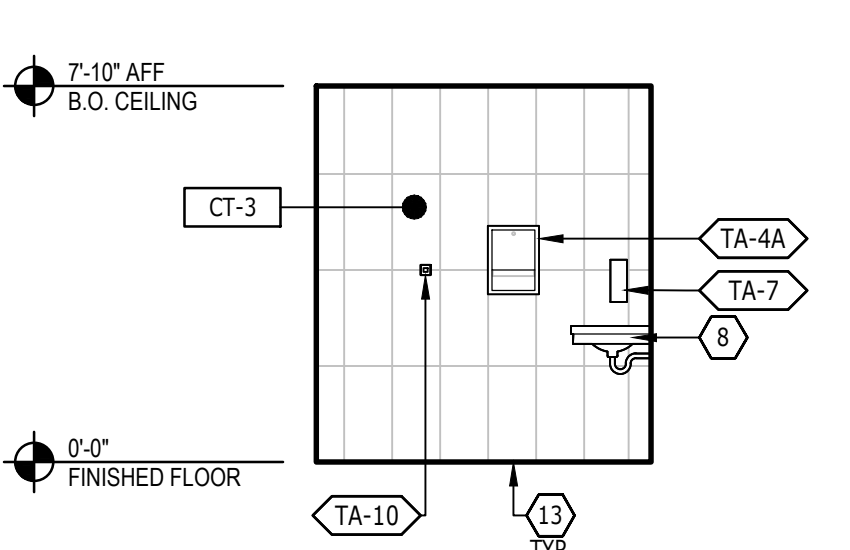
12 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



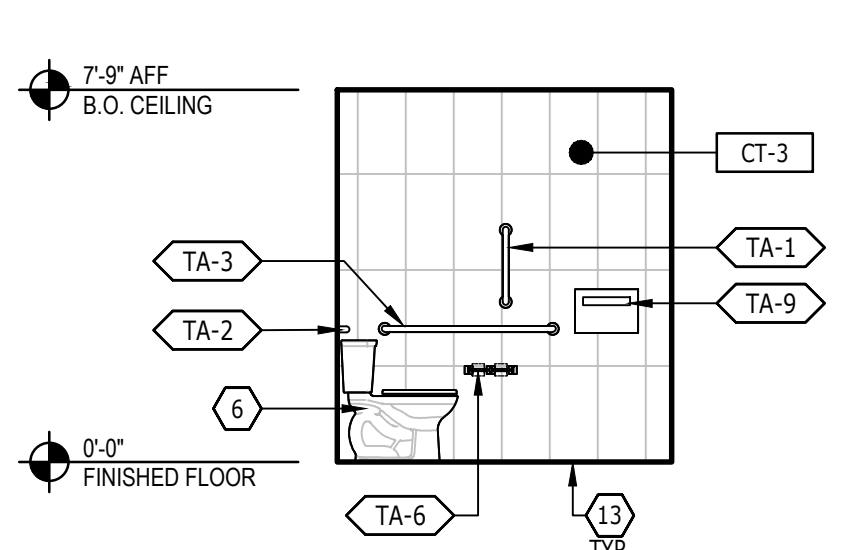
11 ENLARGED RESTROOM PLAN  
3/8" = 1'-0"



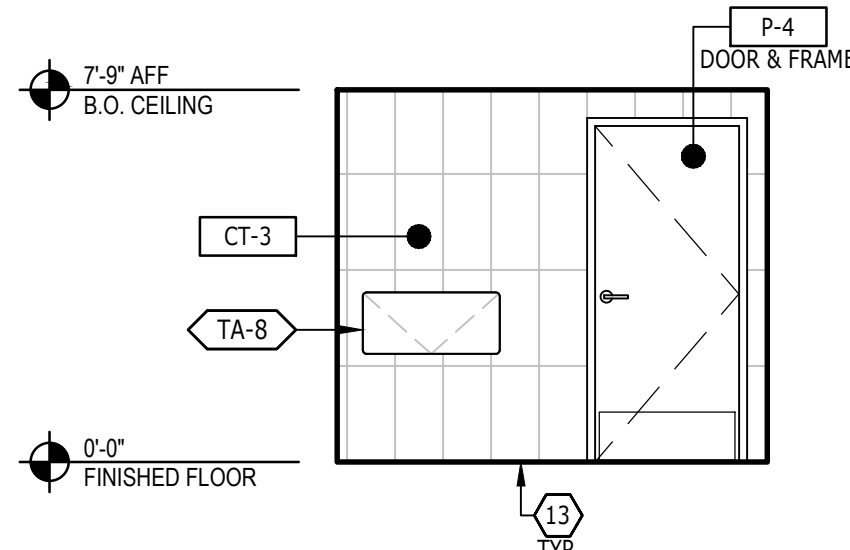
10 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



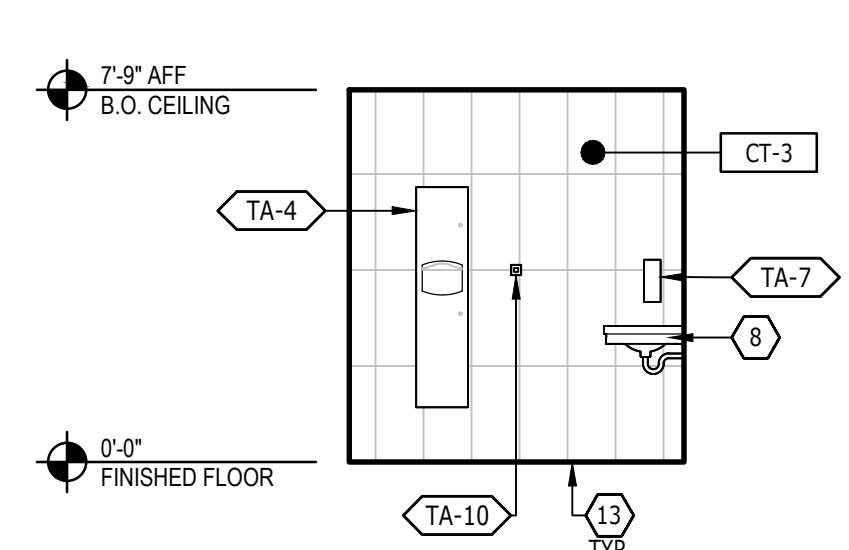
9 INT. ELEVATION - UNISEX RR 1  
1/4" = 1'-0"



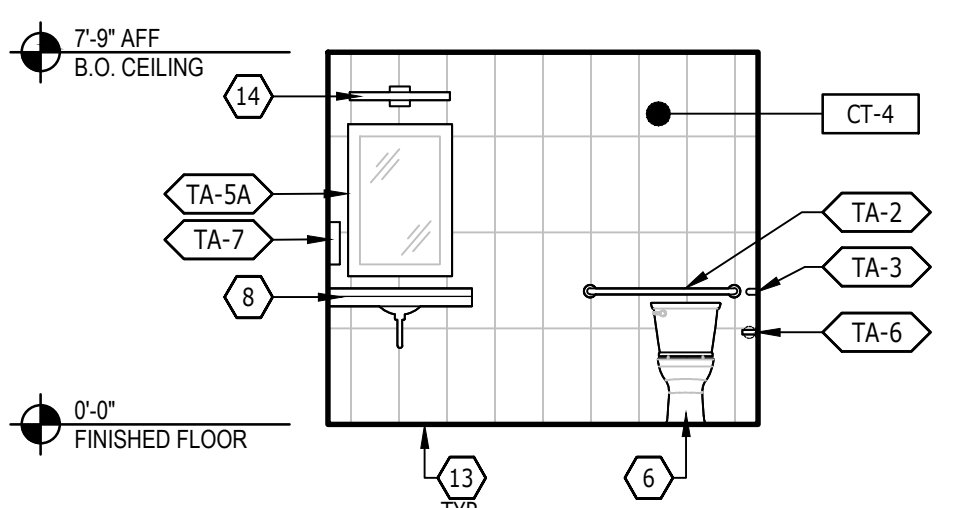
8 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



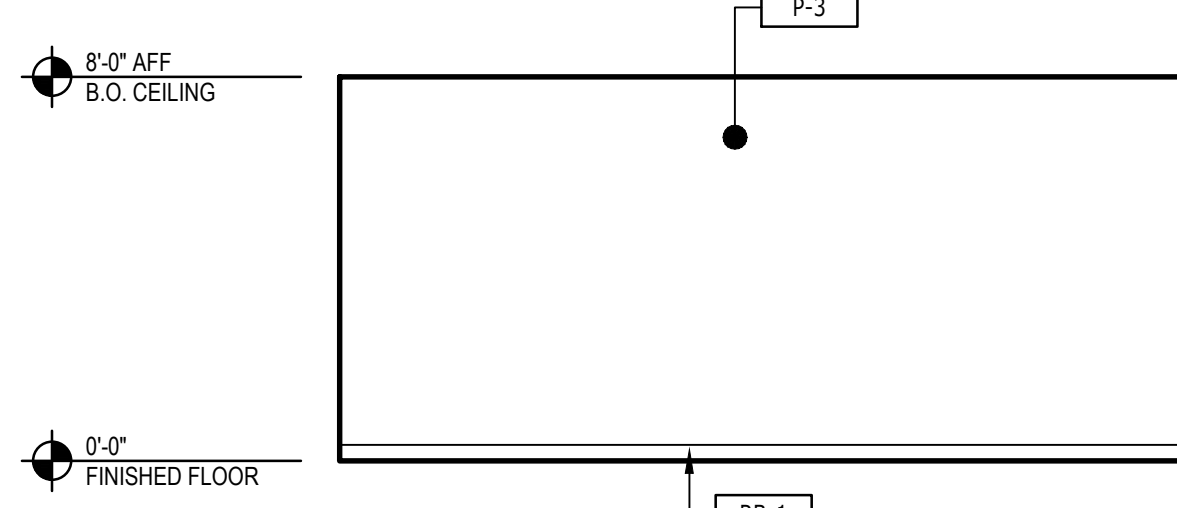
7 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



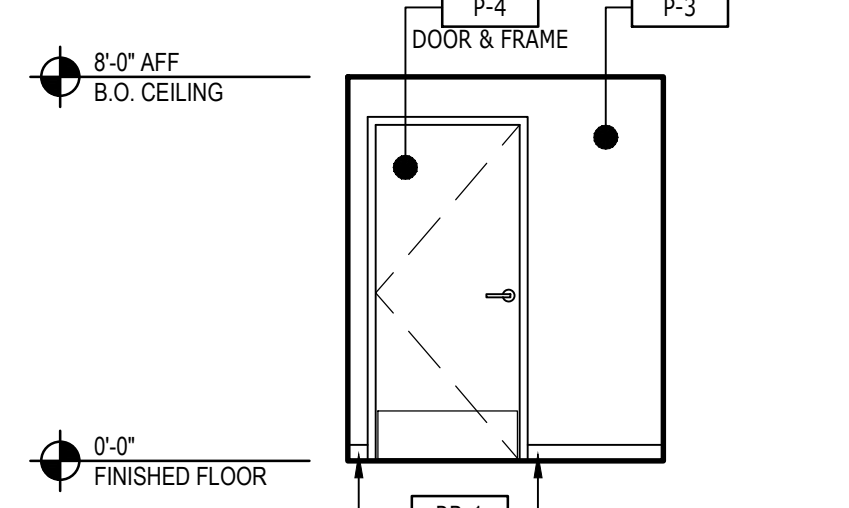
6 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



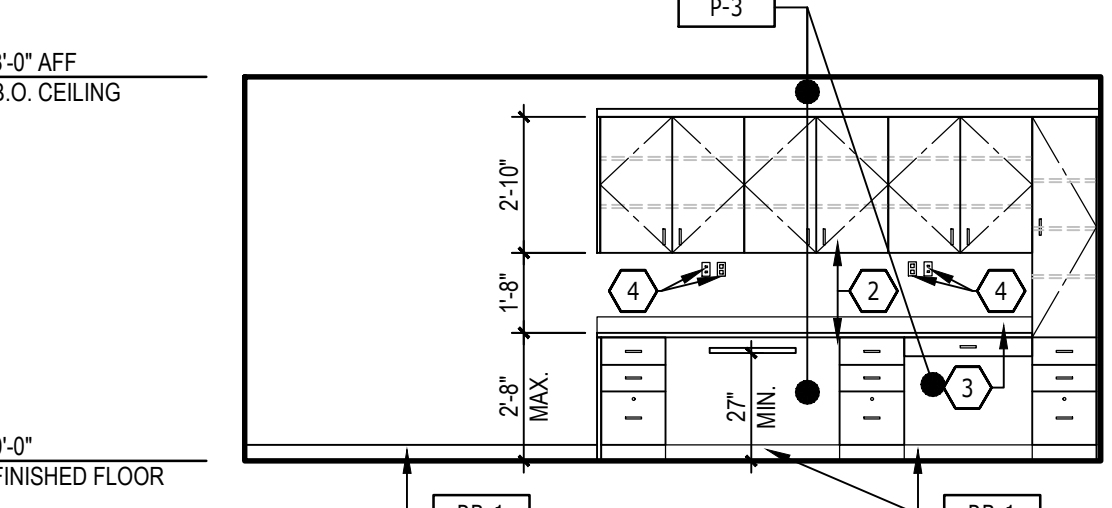
5 INT. ELEVATION - UNISEX RR 2  
1/4" = 1'-0"



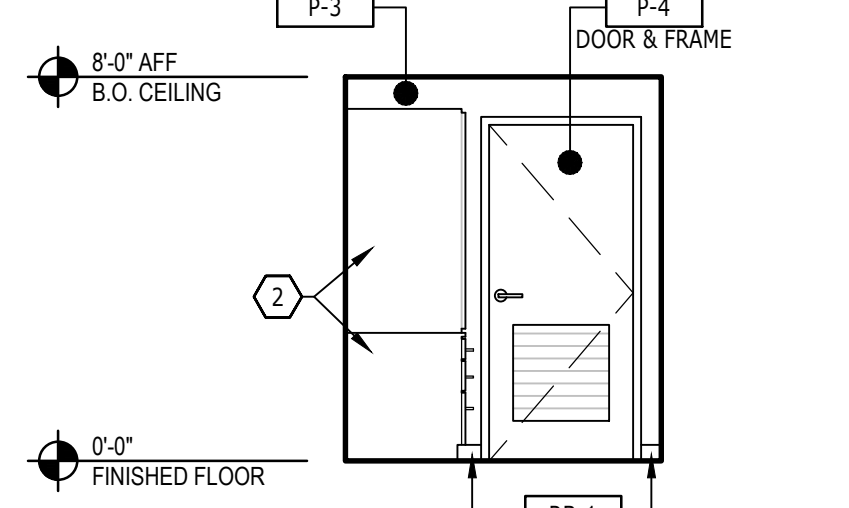
4 INT. ELEVATION - OFFICE  
1/4" = 1'-0"



3 INT. ELEVATION - OFFICE  
1/4" = 1'-0"



2 INT. ELEVATION - OFFICE  
1/4" = 1'-0"



1 INT. ELEVATION - OFFICE  
1/4" = 1'-0"

**SHEET NOTES**

- FIRE EXTINGUISHER AND APPLICABLE IDENTIFICATION SIGNAGE.
- OWNER SUPPLIED MILLWORK / FIXTURE / EQUIPMENT.
- 4" BACKSLASH.
- POWER / DATA OUTLET, REFER TO ELECTRICAL DRAWINGS.
- EXISTING ELECTRICAL PANEL, REFER TO ELECTRICAL DRAWINGS.
- ACCESSIBLY COMPLIANT TOILET, REFER TO PLUMBING DRAWINGS. ENSURE FLUSH LEVER IS ON ACCESSIBLE SIDE OF FIXTURE.
- EXISTING ACCESSIBLY COMPLIANT TOILET.
- ACCESSIBLY COMPLIANT WALL HUNG VANITY W/ UNDER-MOUNT SINK, REFER TO PLUMBING DRAWINGS. PROVIDE UNDER-SINK PIPING COVER FOR DRAIN, VALVES, AND SUPPLY THAT MAINTAINS ACCESSIBILITY COMPLIANCE.
- WALL HUNG VANITY W/ UNDER-MOUNT SINK REFER TO PLUMBING DRAWINGS. PROVIDE UNDER-SINK PIPING COVER FOR DRAIN, VALVES, AND SUPPLY.
- EXISTING ACCESSIBLY COMPLIANT WALL HUNG LAVATORY.
- WALL MOUNTED URINAL, REFER TO PLUMBING DRAWINGS.
- EXISTING WALL MOUNTED URINAL.
- ENSURE ADEQUATE WATERPROOF TRANSITION FROM FLOOR TO WALL TILES.
- WALL SCONCE, REFER TO REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS.
- MOP SINK, REFER TO PLUMBING DRAWINGS.
- EXISTING MOP SINK.
- FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
- EXISTING FLOOR DRAIN.
- ACCESSIBLE RESTROOM SIGNAGE, REFER TO G0.4.
- TOILET, REFER TO PLUMBING DRAWINGS. ENSURE FLUSH LEVER IS ON ACCESSIBLE SIDE OF FIXTURE.
- OWNER SUPPLIED ARTWORK, WALL MOUNTED ABOVE TOILET, CENTERED ON TOILET, BOTTOM OF ARTWORK @ 46" AFF.
- EXISTING HAND SANITIZER.
- NEW DRINKING FOUNTAIN, PROVIDE HI-LOW FIXTURE AND INSTALL FOR ACCESSIBILITY COMPLIANCE. LOW FIXTURE TO HAVE BOTTLE FILLER, HI FIXTURE TO HAVE CANE DETECTION APRON.
- EXISTING DRINKING FOUNTAIN, REPAIR AS REQUIRED. GC TO FURNISH AND INSTALL CANE DETECTION APRON IF NOT EXISTING.
- EXISTING SERVICE SINK.
- RELOCATED EXISTING FIRE ALARM CONTROL PANEL, REFER TO ENGINEERED DRAWINGS.

**RESTROOM ACCESSORIES SCHEDULE**

| CODE  | QTY | DESCRIPTION   | NOTES |
|-------|-----|---|-------|
| TA-1  | 3   | 18" GRAB BAR, BRADLEY; 8120 / 676737                        | 1     |
| TA-2  | 3   | 36" GRAB BAR, BRADLEY; 8120 / 495641                        | 1     |
| TA-3  | 3   | 42" GRAB BAR, BRADLEY; 8120 / 495643                        | 1     |
| TA-4  | 2   | PAPER TOWEL DISPENSER W/ WASTE RECEPTACLE, BRADLEY, 2017-10 | 1     |
| TA-4A | 1   | PAPER TOWEL DISPENSER, BRADLEY; 2441-11                     | 1     |
| TA-4B | 1   | PAPER TOWEL DISPENSER, BRADLEY; 2441-11                     | 1     |
| TA-5A | 3   | ADA MIRROR (20" X 32"), (DT VENDOR FURNISHED, GC INSTALL)   | 1, 2  |
| TA-5B | 1   | ADA MIRROR (16" X 32"), (DT VENDOR FURNISHED, GC INSTALL)   | 1, 3  |
| TA-6  | 3   | TOILET PAPER DISPENSER, BRADLEY; 5235 / 987877              | 1     |
| TA-7  | 3   | SURFACE MOUNTED SOAP DISPENSER, BRADLEY; 6542 / 37612       | 1     |
| TA-8  | 2   | DIAPER CHANGING STATION, BRADLEY; 9631 / 1293387            | 1     |
| TA-9  | 3   | TOILET SEAT COVER DISPENSER, BRADLEY; 5831 / 396550         | 1     |
| TA-10 | 3   | COAT HOOK, BRADLEY; 9134 / 668990                           | 1     |

- NOTES**
- REFER TO SHEET G0.4 - ACCESSIBILITY COMPLIANCE & STANDARDS - FOR INSTALL DIMENSIONS.
  - TA-5A TO BE USED IN RESTROOMS WITH 36" OWNER SUPPLIED VANITY W/ UNDER-MOUNT SINK.
  - TA-5B TO BE USED IN RESTROOMS WITH 20" OR 28" OWNER SUPPLIED VANITY W/ UNDER-MOUNT SINK.
  - SEMI-RECESSED FIXTURE, RECESSED 3-1/2", PROJECT 2-1/2".
  - SURFACE-MOUNTED FIXTURES, PROJECTS 6".

**DISCOUNT TIRE**  
TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024  
REGISTERED ARCHITECT  
DONALD J. ROTHMAN  
STATE OF TEXAS  
17287  
© 2024 CHANGEUP INC.

| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |

|                |            |
|----------------|------------|
| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS**

SHEET #  
**12.1**

**GENERAL**

- COORDINATE WITH ALL DRAWINGS FOR INFORMATION RELATED TO STRUCTURAL WORK. ANY CHANGES TO THE BUILDING STRUCTURAL SYSTEM SHALL BE REDESIGNED BY OR REVIEWED BY WHS ENGINEERING. ALL CHANGES MUST HAVE PRIOR AUTHORIZATION OF THE OWNER AND WHS ENGINEERING.
- ALL CONTRACTORS SHALL COORDINATE WITH ALL DRAWINGS AND SPECIFICATIONS WITHIN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS RELATED TO EXISTING CONSTRUCTION, EXISTING SERVICES, AND THE SITE BEFORE BEGINNING WORK.
- BUILDING CODE: 2024 CODE OF ORDINANCE CITY OF ROCKWALL, TX, 2021 INTERNATIONAL BUILDING CODE (IBC), ASCE 7-16

DESIGN LOADS:

|                      |         |
|----------------------|---------|
| FLOOR LIVE LOAD..... | 100 PSF |
| ROOF LIVE LOAD.....  | 20 PSF  |

ROOF SNOW LOAD DATA:

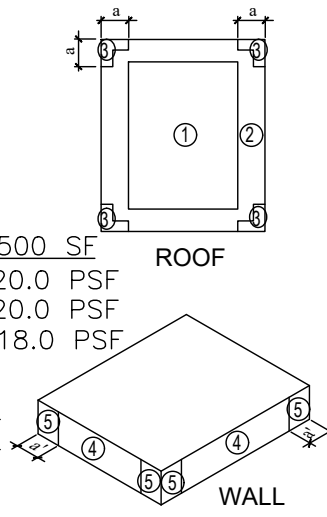
|                              |              |
|------------------------------|--------------|
| GROUND SNOW LOAD .....       | Pg=5.0 PSF   |
| FLAT ROOF SNOW LOAD .....    | Pf=3.5 PSF   |
| MINIMUM ROOF SNOW LOAD ..... | Pmin=5.0 PSF |
| SNOW EXPOSURE FACTOR .....   | Ce=1.0       |
| SNOW IMPORTANCE FACTOR ..... | Is=1.0       |
| THERMAL FACTOR .....         | Ct=1.0       |

WIND DESIGN DATA:

|  |                |
|--|----------------|
| DESIGN WIND SPEED .....                        | V(ult)=105 MPH |
| RISK CATEGORY .....                            | II             |
| WIND EXPOSURE .....                            | C              |
| APPLICABLE INTERNAL PRESSURE COEFFICIENT ..... | Cp=±0.18       |

**COMPONENT AND CLADDING (h=60.)**

|                    |           |           |           |           |           |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| <b>ROOF</b>        |           |           |           |           |           |
| WIND AREA:         | 10 SF     | 20 SF     | 50 SF     | 100 SF    |           |
| NEG. ZONE 1        | -41.7 PSF | -39.0 PSF | -35.3 PSF | -32.6 PSF |           |
| NEG. ZONE 2        | -55.1 PSF | -51.5 PSF | -46.8 PSF | -43.3 PSF |           |
| NEG. ZONE 3        | -55.1 PSF | -51.5 PSF | -46.8 PSF | -43.3 PSF |           |
| POS. ALL ZONES     | +24.0 PSF | +22.9 PSF | +21.5 PSF | +20.4 PSF |           |
| <b>WALLS</b>       |           |           |           |           |           |
| WIND AREA:         | 10 SF     | 20 SF     | 50 SF     | 100 SF    | 500 SF    |
| NEG. ZONE 4        | -26.0 PSF | -24.9 PSF | -23.5 PSF | -22.4 PSF | -20.0 PSF |
| NEG. ZONE 5        | -32.0 PSF | -29.8 PSF | -27.0 PSF | -24.9 PSF | -20.0 PSF |
| POS. ALL ZONES     | +24.0 PSF | +22.9 PSF | +21.5 PSF | +20.4 PSF | +18.0 PSF |
| <b>PARAPET</b>     |           |           |           |           |           |
| WIND AREA:         | 10 SF     | 20 SF     | 50 SF     | 100 SF    |           |
| POS. INTERIOR ZONE | +25.0 PSF | +23.9 PSF | +22.5 PSF | +21.3 PSF |           |
| POS. CORNER ZONE   | +25.0 PSF | +23.9 PSF | +22.5 PSF | +21.3 PSF |           |
| NEG. INTERIOR ZONE | -27.1 PSF | -26.0 PSF | -24.5 PSF | -23.4 PSF |           |
| NEG. CORNER ZONE   | -33.4 PSF | -31.2 PSF | -28.2 PSF | -26.0 PSF |           |



- PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD & AWAY FROM BUILDING SURFACES.
- COMPONENT AND CLADDING LOADS MAY BE INTERPOLATED BETWEEN THE WIND AREAS.
- SEE ABOVE NOTES FOR NET UPLIFT LOADS ON JOIST AND JOIST GIRDERS.
- (α) = 12°-5°; (α') = 5°-0° - SEE DIAGRAMS ABOVE.

EARTHQUAKE DESIGN DATA

|  |                      |
|--|----------------------|
| RISK CATEGORY .....                                    | II                   |
| SEISMIC IMPORTANCE FACTOR .....                        | Ie=1.0               |
| MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS ..... | Ss=0.105, S1=0.057   |
| SITE CLASS .....                                       | D(ASSUMED)           |
| DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS ..... | Sds=0.112, Sd1=0.091 |
| SEISMIC DESIGN CATEGORY .....                          | B                    |

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND THE FINAL CLEARANCE OF ANY TEMPORARY NEEDLING, UNDERPINNING, SHORING, OR BRACING OF EXISTING STRUCTURES.

- CONSTRUCTION LOADS SHALL NOT EXCEED DESIGN LIVE LOADS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN REQUIRED TO SUPPORT CONSTRUCTION EQUIPMENT USED IN CONSTRUCTING THIS PROJECT. SHORING AND RESHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.

- IF THE FABRICATOR HAS BEEN AUTHORIZED TO USE THE ENGINEER'S DRAWINGS FOR USE IN PREPARING SHOP OR ERECTION DRAWINGS THE FABRICATOR MUST REMOVE ALL TITLE BLOCKS, PROFESSIONAL SEALS, AND ANY OTHER REFERENCES TO THE ENGINEER FROM THAT SHOP OR ERECTION DRAWING. THE FABRICATOR'S NAME, TITLE, AND CONTACT INFORMATION SHALL BE PLACED ON THEIR DRAWINGS.

**CAST IN PLACE CONCRETE**

- CAST IN PLACE CONCRETE SHALL CONFORM TO THE LATEST ACI 318 & 350 CODE, STANDARDS AND ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE", EXCEPT AS MODIFIED HEREIN.
- SUBMIT LABORATORY TEST REPORTS FOR CONCRETE MATERIALS AND PROPOSED MIX DESIGN TESTS AND DATA.
- MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE IN 28 DAYS SHALL BE: 3000 PSI - COLUMN AND WALL SPREAD FOOTINGS; MINIMUM CEMENT CONTENT OF 470 LB/CUBIC YARD; WC .50 3500 PSI - INTERIOR SLAB; MINIMUM CEMENT CONTENT OF 517 LB/CUBIC YARD; WC .44 4000 PSI - ALL OTHER CONCRETE MINIMUM CEMENT CONTENT OF 564 LB/CUBIC YARD; WC .44
- REINFORCING BARS: A615 GRADE 60 KSI YIELD STRENGTH, UNLESS NOTED OTHERWISE. WELDING OR TACK WELDING A615 BARS SHALL NOT BE PERMITTED.
- REINFORCING BARS FOR WELDED APPLICATIONS SHALL CONFORM WITH A706, 60 KSI YIELD STRENGTH.
- WELDED WIRE FABRIC: ASTM A185, FLAT SHEET. ROLLED WWF SHALL NOT BE PERMITTED.
- CALCIUM CHLORIDE SHALL NOT BE PERMITTED NOR SHALL ANY ADMIXTURE CONTAINING CALCIUM CHLORIDE BE PERMITTED.
- ALL CONCRETE SHALL CONTAIN A WATER REDUCING ADMIXTURE CONFORMING TO ASTM C494, TYPE A, F OR G.
- ALL CONCRETE EXPOSED TO THE WEATHER OR IN A LOCATION VULNERABLE TO DEICERS SHALL CONTAIN AN AIR-ENTRAINED ADMIXTURE CONFORMING TO ASTM C260. THE AMOUNT OF ENTRAINED AIR SHALL BE 6% ± 1%.
- CONCRETE SHALL BE DISCHARGED AT THE SITE WITHIN 1 1/2 HOURS AFTER WATER HAS BEEN ADDED TO THE CEMENT AND AGGREGATES. ADDITION OF WATER TO THE MIX AT THE PROJECT SITE WILL NOT BE PERMITTED. ALL WATER MUST BE ADDED AT THE BATCH PLANT. SLUMP MAY BE ADJUSTED ONLY THROUGH THE USE OF ADDITIONAL WATER REDUCING ADMIXTURE OR HIGH RANGE WATER REDUCING ADMIXTURE.
- PRECAST CONCRETE CUBES OR SAND PLATE CHAIRS SHALL BE USED FOR THE SUPPORT OF REINFORCING ON GRADE. CONCRETE BLOCK OR CLAY MASONRY BRICK ARE NOT PERMITTED.
- CONSTRUCTION JOINTS SHALL BE SUBJECT TO REVIEW BY WHS ENGINEERING AND SHALL BE LOCATED AND DETAILED AS SPECIFIED ON THE DRAWINGS OR AS NOTED.
  - FRAMED SLABS AND WALLS - LOCATE AT MIDSPAN. PROVIDE ONE CONTINUOUS HORIZONTAL SHEAR KEY 1 1/2" DEEP x 1/3 THE DEPTH OF THE SLAB OR WALL
  - BEAMS - LOCATE AT MIDSPAN. PROVIDE TWO HORIZONTAL SHEAR KEYS 1 1/2" DEEP x 1/6 THE DEPTH OF THE MEMBER AT EACH MEMBER.
- ALL WELDED WIRE FABRIC SHALL BE CHAIRED TO ITS PROPER HEIGHT AND MAINTAINED AT THE PROPER HEIGHT THROUGHOUT THE CONCRETE PLACING OPERATION. LIFTING OF WELDED WIRE FABRIC WITH A HOOK DURING CONCRETE PLACEMENT SHALL NOT BE PERMITTED.
- OPENINGS SHALL NOT BE PROVIDED IN FRAMED SLABS, BEAMS, COLUMNS, OR WALLS UNLESS SHOWN ON THE STRUCTURAL DRAWINGS, OR APPROVED IN WRITING PRIOR TO PLACING CONCRETE. CUTTING HOLES THROUGH BEAMS OR COLUMNS SHALL NOT BE PERMITTED. CUTTING HOLES LARGER THAN 10" SQUARE OR ROUND THROUGH SLABS SHALL NOT BE PERMITTED.
- CHAMFER EXPOSED EDGES OF CONCRETE 3/4", UNLESS NOTED OTHERWISE.
- PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AS SHOWN ON DRAWINGS.
- TOP LAYER OF REINFORCING STEEL IN BEAMS, SLABS, WALLS AND FOOTINGS SHALL BE CONSIDERED TOP BARS REGARDLESS OF THICKNESS OF CONCRETE BELOW THE BARS.
- ALL WALL FOOTING REINFORCING SHALL RUN CONTINUOUS THROUGH COLUMN FOOTINGS.
- BEND ALL HORIZONTAL WALL AND BEAM BARS AROUND ADJACENT CORNERS AND LAP ACCORDING TO TABLE #1.
- BONDBREAKER MATERIAL SHALL BE 15 POUND FELT PAPER.
- DETERMINE SIZE AND LOCATION OF MECHANICAL EQUIPMENT AND MAKE PROVISIONS FOR BOLTS, SLEEVES, PADS, ETC., IN ACCORDANCE WITH THE MANUFACTURER'S CERTIFIED DRAWINGS. THIS WORK SHALL BE COORDINATED WITH THE TRADES INVOLVED PRIOR TO ANY CONCRETE PLACEMENT.
- PROVIDE 3" MINIMUM CONCRETE COVER FOR ALL STRUCTURAL STEEL BELOW GRADE.
- SLABS ON GRADE SHALL HAVE CONSTRUCTION OR CONTROL JOINTS AT ALL COLUMN LINES AND AT A MAXIMUM SPACING OF 36 TIMES THE SLAB THICKNESS BETWEEN.
- REINFORCING BAR LAP SPLICES AND ANCHORAGE LENGTH SHALL CONFORM WITH "MINIMUM LAP SPLICE AND ANCHORAGE DIMENSION TABLE #1" UNLESS NOTED OTHERWISE ON THE DRAWINGS.

| 3000 PSI CONCRETE |              |           |          |                |           |
|-------------------|--------------|-----------|----------|----------------|-----------|
| BAR SIZE          | TOP BARS LAP | ANCHORAGE | BAR SIZE | OTHER BARS LAP | ANCHORAGE |
| #3                | 21"          | 16"       | #3       | 16"            | 13"       |
| #4                | 29"          | 22"       | #4       | 22"            | 17"       |
| #5                | 42"          | 32"       | #5       | 33"            | 26"       |
| #6                | 56"          | 43"       | #6       | 43"            | 34"       |
| #7                | 91"          | 69"       | #7       | 70"            | 53"       |
| #8                | 112"         | 87"       | #8       | 87"            | 66"       |
| #9                | 136"         | 104"      | #9       | 104"           | 80"       |

| 4000 PSI CONCRETE |              |           |          |                |           |
|-------------------|--------------|-----------|----------|----------------|-----------|
| BAR SIZE          | TOP BARS LAP | ANCHORAGE | BAR SIZE | OTHER BARS LAP | ANCHORAGE |
| #3                | 18"          | 14"       | #3       | 16"            | 12"       |
| #4                | 25"          | 19"       | #4       | 20"            | 15"       |
| #5                | 37"          | 29"       | #5       | 29"            | 21"       |
| #6                | 48"          | 38"       | #6       | 38"            | 29"       |
| #7                | 79"          | 60"       | #7       | 60"            | 47"       |
| #8                | 96"          | 75"       | #8       | 75"            | 57"       |
| #9                | 117"         | 91"       | #9       | 91"            | 69"       |

- WHEN LAPPING TWO DIFFERENT SIZE BARS, USE THE LARGER OF THE LAP DIMENSION OF THE SMALLER BAR OR THE ANCHORAGE DIMENSION OF THE LARGER BAR.

|  |  |                                     |
|--|--|-------------------------------------|
| <b>LOCATION</b>  | <b>TYPICAL CONCRETETE REINFORCING CLEARANCE TABLE.</b> | <b>CLEARANCE</b>                    |
| CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND ..... |  | 3"                                  |
| CONCRETE EXPOSED TO LIQUIDS (TANKS) .....                          |  | 2"                                  |
| CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:             |  |                                     |
| #6 THROUGH #18 BARS .....  |  | 2"                                  |
| #3 THROUGH #5 BARS, W31 OR D31 WIRE AND SMALLER .....              |  | 1 1/2"                              |
| CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:         |  |                                     |
| SLABS, JOISTS, AND WALLS:  |  |                                     |
| #14 AND #18 BARS .....   |  | 1 1/2"                              |
| #11 BAR AND SMALLER .....  |  | 3/4"                                |
| BEAMS, COLUMNS, PEDESTALS, AND TENSION TIES .....                  |  | 1 1/2"                              |
| STRUCTURAL SLABS ON GRADE .....                                    |  | AS INDICATED ABOVE                  |
| NON-STRUCTURAL SLABS ON GRADE .....                                |  | 1/3 SLAB THICKNESS FROM TOP OF SLAB |

**MASONRY**

- MASONRY SHALL CONFORM TO THE LATEST EDITIONS OF THE REFERENCES AND STANDARDS LISTED BELOW, EXCEPT AS MODIFIED HEREIN, IN ADDITION TO ALL OTHER REQUIREMENTS OF THE CONTRACT DOCUMENTS AND STANDARD PRACTICES.
  - BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/TMS 402)
  - SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1/ASCE 6/TMS 602).
- HOLLOW AND SOLID CONCRETE MASONRY UNITS SHALL CONFORM WITH ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI, EACH UNIT, NET CROSS SECTIONAL AREA. THE UNITS SHALL BE MANUFACTURED SO THE CORES AND WEBS LINE UP WHEN LAID IN RUNNING BOND.
  - UNITS SHALL BE MEDIUM WEIGHT UNITS WITH A DRY NET WEIGHT OF NOT MORE THAN 115 PCF.
- MORTAR FOR ALL WALLS SHALL BE ASTM C270 TYPE S UNLESS NOTED OTHERWISE, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI IN 28 DAYS.
- GROUT SHALL CONFORM WITH ASTM C476 COARSE GROUT, 3/8" MAXIMUM SIZE COARSE AGGREGATE, WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
- MINIMUM MASONRY PRISM STRENGTH (F'm) = 1,500 PSI AT 28 DAYS.
- PROVIDE THE FOLLOWING WALL CONSTRUCTION AT ALL MASONRY WALLS UNLESS NOTED OTHERWISE.
  - MASONRY GROUTED SOLID, 32" LONG AND 16" HIGH UNLESS NOTED OTHERWISE, CENTERED UNDER EACH WALL BEARING STEEL BEAM.
  - ALL CORES WHICH CONTAIN VERTICAL REINFORCING SHALL BE GROUTED SOLID FULL HEIGHT OF WALL.
- CONVENTIONAL REINFORCING, HORIZONTAL AND VERTICAL, SHALL BE A615 GRADE 60 KSI YIELD STRENGTH. WELDING A615 BARS SHALL NOT BE PERMITTED.
- REINFORCING BARS FOR WELDED APPLICATIONS SHALL CONFORM WITH A706, 60 KSI YIELD STRENGTH.
- REFER TO ARCHITECTURAL DRAWINGS FOR MATERIAL REQUIREMENTS FOR FIRE RATED ASSEMBLIES.
- ADDITIONAL VERTICAL REINFORCEMENT, (1)-#5 AT EACH SIDE OF WALL OPENINGS, AT WALL ENDS (INCLUDING CONTROL JOINTS) , AND AT ALL CORNERS.
- PROVIDE DOWELS INTO WALL FOOTING TO MATCH VERTICAL BARS LISTED ABOVE.
- HORIZONTAL REINFORCEMENT- LADDER TYPE, HOT DIPPED GALVANIZED DUR-O-WAL 3/16" SIDE RODS AND #9 GAGE CROSS RODS, OR APPROVED EQUAL. ALL HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS AT CORNERS. STOP HORIZONTAL REINFORCEMENT AT CONTROL JOINTS AND EXPANSION JOINTS. SPACE 16" o.c. VERTICALLY ABOVE GRADE AND 8" o.c. VERTICALLY BELOW GRADE.
- ADDITIONAL HORIZONTAL REINFORCEMENT - (1)-#4 BAR AT FIRST COURSE ABOVE AND BELOW ALL WALL OPENINGS. BARS TO EXTEND MINIMUM 2'-0" PAST OPENING.
- GROUT MASONRY SOLID BELOW EXTERIOR GRADE
- SPLICING OF REINFORCEMENT:
  - LAP ALL VERTICAL WALL REINFORCING 72 BAR DIAMETERS.
  - LAP ALL LINTEL REINFORCING 72 BAR DIAMETERS.
  - LAP ALL BOND BEAM REINFORCING 48 BAR DIAMETERS.
  - ALTERNATE MECHANICAL SPLICES SHALL DEVELOP IN TENSION OR COMPRESSION AT LEAST 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR.
  - LAP ALL WIRE JOINT REINFORCING 48 WIRE DIAMETERS.
- ALL UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HEAD, BED, WEBS, AND COLLAR JOINTS.
- ALL TYPICAL VERTICAL WALL REINFORCEMENT SHALL BE LOCATED AT THE CENTER OF THE MASONRY WALL UNLESS NOTED OTHERWISE.
- WHERE TWO LAYERS OF VERTICAL WALL REINFORCEMENT ARE SHOWN PROVIDE 1 1/2" COVER FOR #5 BAR AND SMALLER AND 2" OF COVER FOR #6 BAR AND LARGER.
- ALL VERTICAL REINFORCEMENT SHALL BE PLACED AND HELD IN PLACE WITH BAR POSITIONERS AT A MAXIMUM SPACING OF 112 BAR DIAMETERS PRIOR TO GROUTING.
- WET STICKING OF REINFORCING IS NOT PERMITTED AND WILL RESULT IN REJECTION OF THE WORK.
- CONSOLIDATION OF GROUT:
  - CONSOLIDATE GROUT POURS 12" AND LESS IN HEIGHT BY PUDDLING OR MECHANICAL VIBRATION.
  - CONSOLIDATE GROUT POURS EXCEEDING 12" IN HEIGHT BY MECHANICAL VIBRATION, AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED.
  - CONSOLIDATION OR RECONSOLIDATION IS NOT REQUIRED FOR SELF-CONSOLIDATING GROUT.
- ALL BEAM, JOIST, OR OTHER POCKETS IN MASONRY WALLS SHALL BE FILLED SOLID WITH MORTARED IN SOLID CMU UNITS OR GROUTED SOLID.

**LIGHT GAUGE METAL FRAMING**

- ALL LIGHT GAGE METAL FRAMING AND CONNECTIONS SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH ALL APPLICABLE AISI STANDARDS.
- ALL STRUCTURAL MEMBERS SHALL BE FORMED FROM CORROSION RESISTANT STEEL, ASTM A653-11, WITH A YIELD STRENGTH OF 33 KSI FOR MEMBERS 18 GAGE AND LIGHTER, AND 50 KSI FOR MEMBERS 16 GAGE AND HEAVIER.
- ALL LIGHT GAGE MEMBERS AND ACCESSORIES SHALL BE ZINC COATED MEETING ASTM A924.
- ALL CONNECTIONS ARE TO BE SCREWED WITH A MINIMUM OF (4) #12-14 CADMIUM PLATED SCREWS OR EQUIVALENT WELDS.
- DIAGONAL STRAP BRACING SHALL BE CONNECTED TO ALL CROSSING MEMBERS.
- WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.3-2018, STRUCTURAL WELDING CODE, SHEET STEEL.
- SEQUENCING OF WELDS SHALL BE SUCH TO AVOID DISTORTION OF MEMBERS. REPLACE ALL MEMBERS WHICH ARE BURNED THROUGH OR DISTORTED DURING WELDING OPERATIONS.
- PROVIDE CLIP ANGLES OR OTHER ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
- CLEAN AND TOUCH UP ALL WELDS WITH ZINC RICH PRIMER.

**STRUCTURAL STEEL**

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF AISC SPECIFICATIONS (ASD) AND CODES OF STANDARD PRACTICE, AWS D1.1 (STRUCTURAL WELDING CODE - STEEL), AND THE CONTRACT DOCUMENTS.
- THE LOCATION, SIZE AND CONDITION OF EXISTING STRUCTURES, EQUIPMENT, UTILITIES, SERVICES AND OTHER RELEVANT ENGINEERING FEATURES SHALL BE VERIFIED PRIOR TO FABRICATION OR ERECTION TO DETERMINE CLEARANCES, DIMENSIONS AND FABRICATION OR ERECTION PROCEDURES. ADEQUATE BRACING AND TEMPORARY SUPPORTS FOR THE STABILITY OF ALL EXISTING RELEVANT FEATURES SHALL BE PROVIDED BY THE CONTRACTOR.
- STRUCTURAL STEEL:
  - ASTM A36; SHAPES (EXCEPT WIDE FLANGE), PLATES, BARS, AND ROD
- WELDING SHALL CONFORM WITH AWS E-70 ELECTRODES, MINIMUM.

**METAL ROOF DECK**

- ANY PATCHING OF ROOF DECK SHALL BE MADE WITH NEW DECK OF MATCHING PROFILE, GAUGE, AND FINISH. FASTEN TO SUPPORTS WITH #12 TEK SCREWS @ 6" O.C., FASTEN SIDELAPS WITH #10 TEK SCREWS @ 12" O.C.
- FASTEN DECK TO NEW MECHANICAL FRAMES WITH #12 TEK SCREWS @ 6" O.C.
- NO MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM THE METAL DECK.

**STEEL JOISTS**

- REPLACE ANY INTERRUPTED JOIST BRIDGING IN CONFORMANCE WITH THE CURRENT SPECIFICATIONS OF THE STEEL JOIST INSTITUTE (SJI), AND ALL OTHER REQUIREMENTS REFERENCED IN THE PROJECT DOCUMENTS.
- NO MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM BRIDGING.
- PROVIDE JOIST REINFORCING AT CONCENTRATED LOADS NOT LOCATED AT PANEL POINTS.

**SPECIAL INSPECTIONS**

SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF WORK IS APPROVED FOR OCCUPANCY.

**CAST-IN-PLACE CONCRETE**

MIX DESIGN REVIEW CONCRETE BATCH TICKETS AND VERIFY COMPLIANCE WITH APPROVED MIX DESIGN. VERIFY THAT WATER ADDED AT THE SITE DOES NOT EXCEED THAT ALLOWED BY THE MIX DESIGN. / CONTINUOUS

MATERIAL CERTIFICATION REVIEW CONCRETE MIX DESIGNS AND MATERIAL CERTIFICATION FOR CONFORMANCE WITH DRAWINGS AND SPECIFICATIONS. / PERIODIC

REINFORCEMENT INSTALLATION INSPECT SIZE, SPACING, COVER, POSITIONING AND GRADE OF REINFORCING STEEL. VERIFY THAT REINFORCING BARS ARE FREE OF FORM OIL OR OTHER DELETERIOUS MATERIALS. INSPECT BAR LAPS AND MECHANICAL SPLICES. VERIFY THAT BARS ARE ADEQUATELY TIED AND SUPPORTED ON CHAIRS OR BOLSTERS. / PERIODIC

WELDING OF REINFORCING VISUALLY INSPECT ALL REINFORCING STEEL WELDS. VERIFY WELDABILITY OF REINFORCING STEEL. INSPECT PREHEATING OF STEEL WHEN REQUIRED. / CONTINUOUS

ANCHOR RODS INSPECT SIZE, POSITIONING AND EMBEDMENT OF ANCHOR RODS. INSPECT CONCRETE PLACEMENT AND CONSOLIDATION AROUND ANCHORS. / CONTINUOUS

CONCRETE PLACEMENT INSPECT PLACEMENT OF CONCRETE. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED. / CONTINUOUS

SAMPLING AND TESTING TEST CONCRETE COMPRESSIVE STRENGTH (ASTM C31 & C39), SLUMP (ASTM C143), AIR-CONTENT OF CONCRETE (ASTM C231 OR C173) AND TEMPERATURE (ASTM C1064). / CONTINUOUS

CURING AND PROTECTION INSPECT CURING, COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES / PERIODIC

FORMWORK GEOMETRY VERIFY CORRECT DIMENSIONS, ELEVATION, AND ALIGNMENT OF FORMWORK. / PERIODIC

**MASONRY - REQUIRED INSPECTION LEVEL: B**

MATERIAL CERTIFICATION REVIEW MATERIAL SUBMITTALS FOR CONFORMANCE WITH DRAWINGS AND SPECIFICATIONS. / PERIODIC

MIXING OF MORTAR AND GROUT INSPECT PROPORTIONING, MIXING AND RETEMPERING OF MORTAR AND GROUT. PERIODIC

INSTALLATION OF MASONRY INSPECT SIZE, LAYOUT, BONDING AND PLACEMENT OF MASONRY UNITS. / PERIODIC

MORTAR JOINTS INSPECT CONSTRUCTION OF MORTAR JOINTS INCLUDING TOOLING AND FILLING OF HEAD JOINTS. / PERIODIC

REINFORCEMENT INSTALLATION INSPECT PLACEMENT, POSITIONING AND LAPPING OF REINFORCING STEEL. / PERIODIC  
INSPECT WELDING OF REINFORCING STEEL / CONTINUOUS

GROUTING OPERATIONS INSPECT PLACEMENT AND CONSOLIDATION OF GROUT. INSPECT MASONRY CLEAN-OUTS FOR HIGH-LIFT GROUTING. / CONTINUOUS.

WEATHER PROTECTION INSPECT COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES. VERIFY THAT WALL CAVITIES ARE PROTECTED AGAINST PRECIPITATION. / PERIODIC

EVALUATION OF MASONRY STRENGTH TEST COMPRESSIVE STRENGTH OF MORTAR AND GROUT CUBE SAMPLES (ASTM C780). / CONTINUOUS

ANCHORS AND TIES INSPECT SIZE, LOCATION, SPACING AND EMBEDMENT OF DOWELS, ANCHORS AND TIES. / PERIODIC

STRUCTURAL STEEL FABRICATOR CERTIFICATION / REVIEW SHOP FABRICATION AND QUALITY CONTROL PROCEDURES. / CONTINUOUS  
QUALITY CONTROL PROCEDURES

MATERIAL CERTIFICATION REVIEW CERTIFIED MILL TEST REPORTS AND IDENTIFICATION MARKINGS ON WIDE-FLANGE SHAPES, HIGH-STRENGTH BOLTS, NUTS AND WELDING ELECTRODES. / PERIODIC

BOLTING INSPECT INSTALLATION AND TIGHTENING OF HIGH-STRENGTH BOLTS. VERIFY PROPER TIGHTENING SEQUENCE. / PERIODIC

WELDING VISUALLY INSPECT ALL WELDS. INSPECT PRE-HEAT, POST-HEAT AND SURFACE PREPARATION BETWEEN PASSES. VERIFY SIZE AND LENGTH OF FILLET WELDS. / PERIODIC

STRUCTURAL DETAILS INSPECT STEEL FRAME FOR COMPLIANCE WITH STRUCTURAL DRAWINGS, INCLUDING BRACING, MEMBER CONFIGURATION AND CONNECTION DETAILS. / PERIODIC

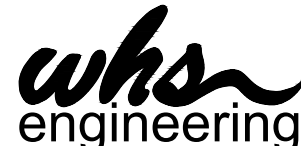
**STRUCTURAL SHOP DRAWINGS**

- IN ADDITION TO THE DEFERRED DESIGN SUBMITTALS INDICATED ABOVE, THE CONTRACTOR SHALL SUBMIT THE FOLLOWING ITEMS FOR REVIEW PRIOR TO CONSTRUCTION:
  - CONCRETE: REBAR SHOP DRAWINGS, MIX DESIGNS, MATERIAL CERTIFICATIONS, ACCESSORIES.
  - MASONRY: REBAR SHOP DRAWINGS, GROUT AND MORTAR MIX DESIGNS, MATERIAL CERTIFICATIONS, ACCESSORIES.
  - STRUCTURAL STEEL: ERECTION DRAWINGS, SHOP DRAWINGS, MATERIAL CERTIFICATES

**Design Forum Architects Inc.**

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693 E INTERSTATE 30  
ROCKWALL, TX 75087



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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | WHS        |
| CHECKED BY     | WHS        |

SHEET NAME

STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTIONS

SHEET #

SO.1



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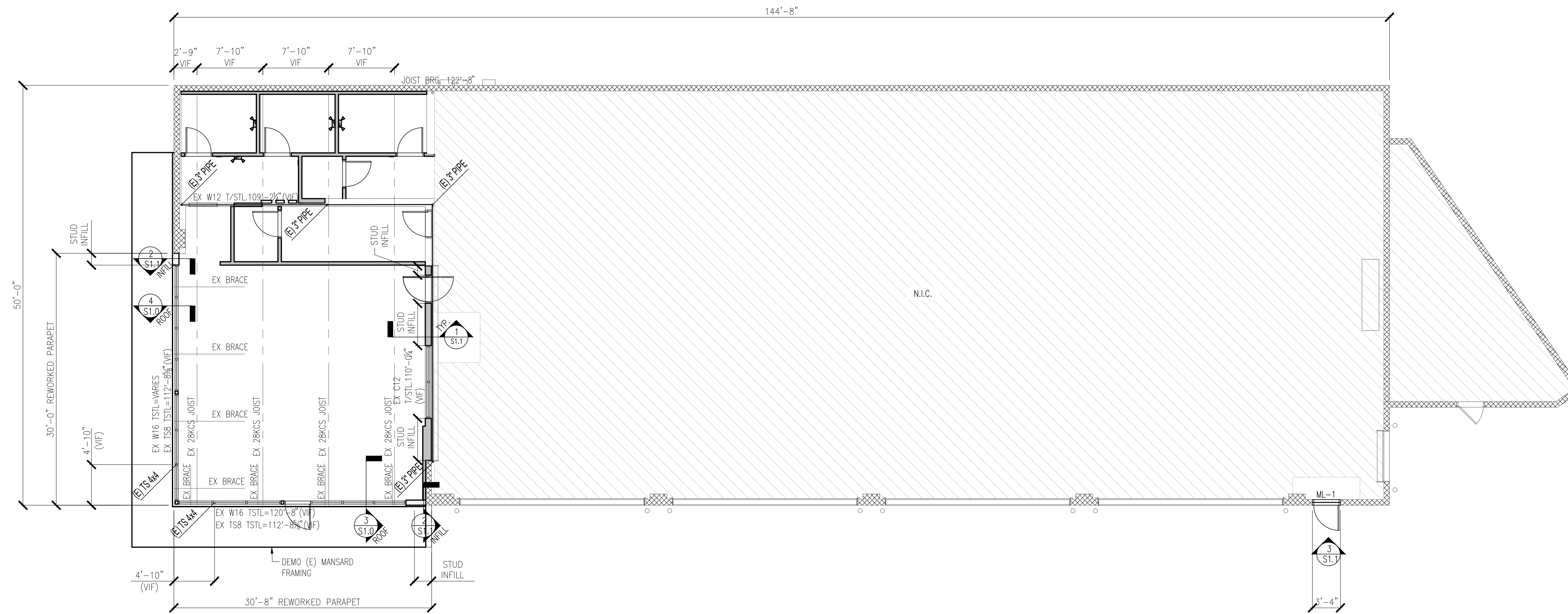
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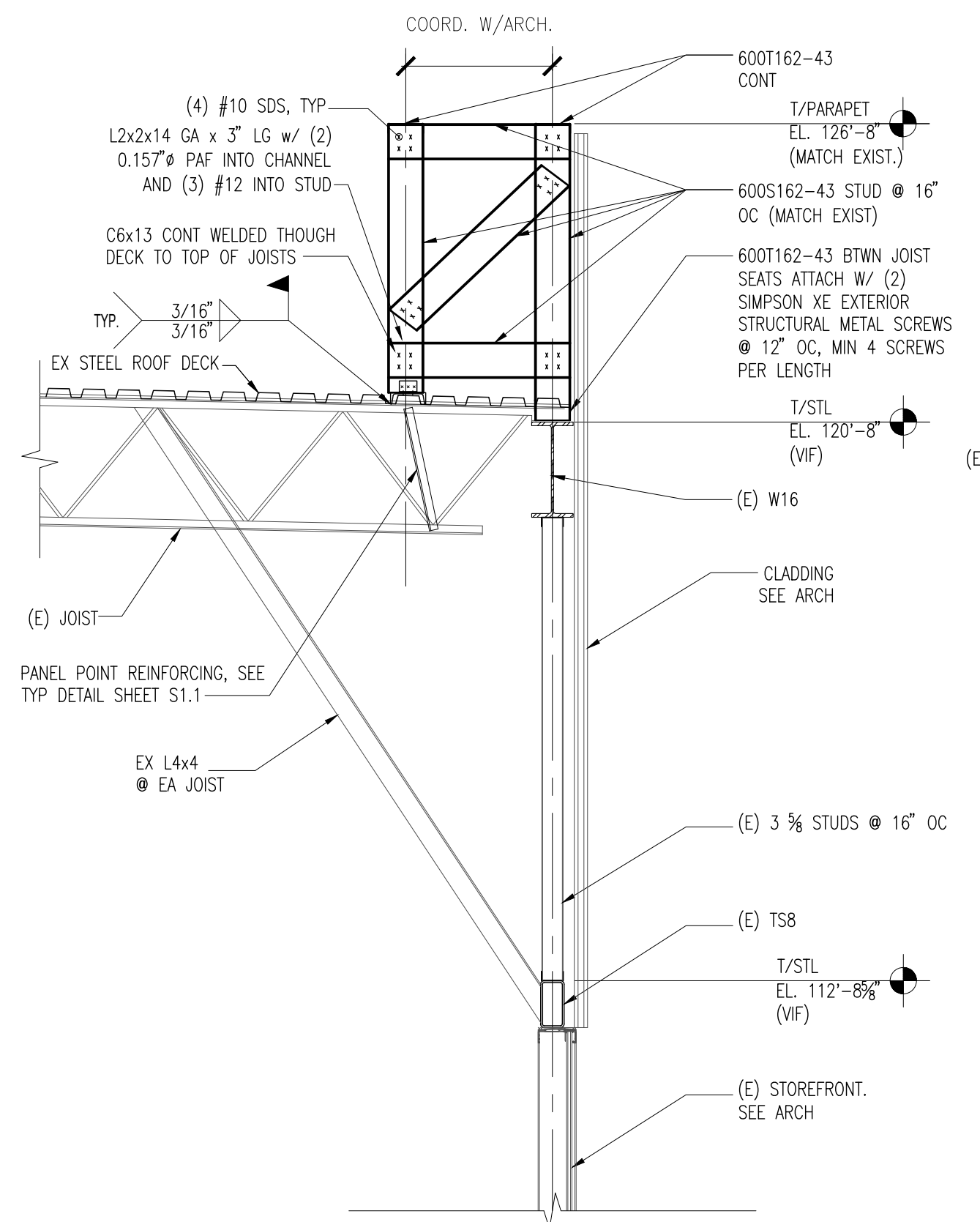
PLAN, SECTIONS, AND DETAILS

SHEET #

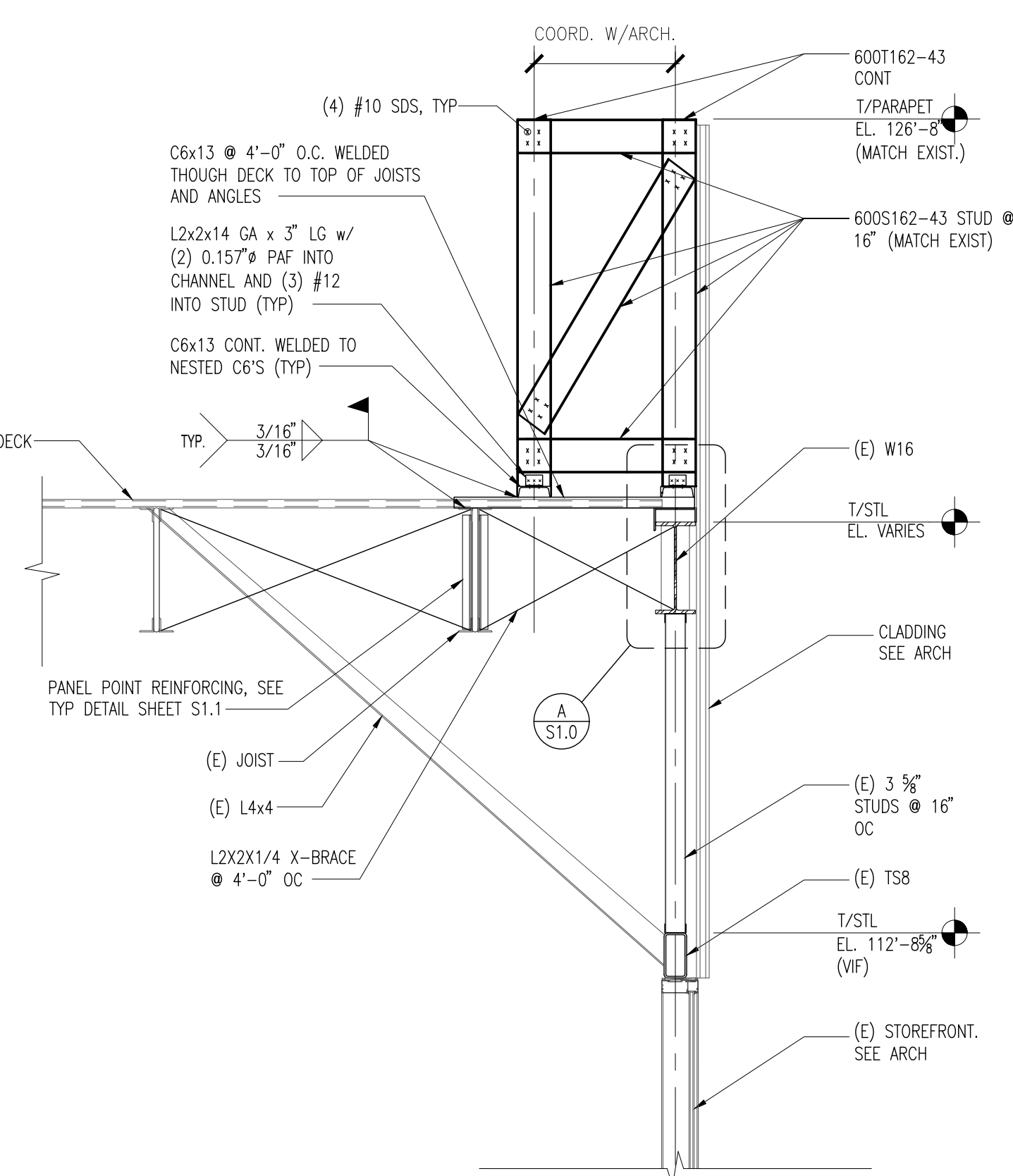
S1.0



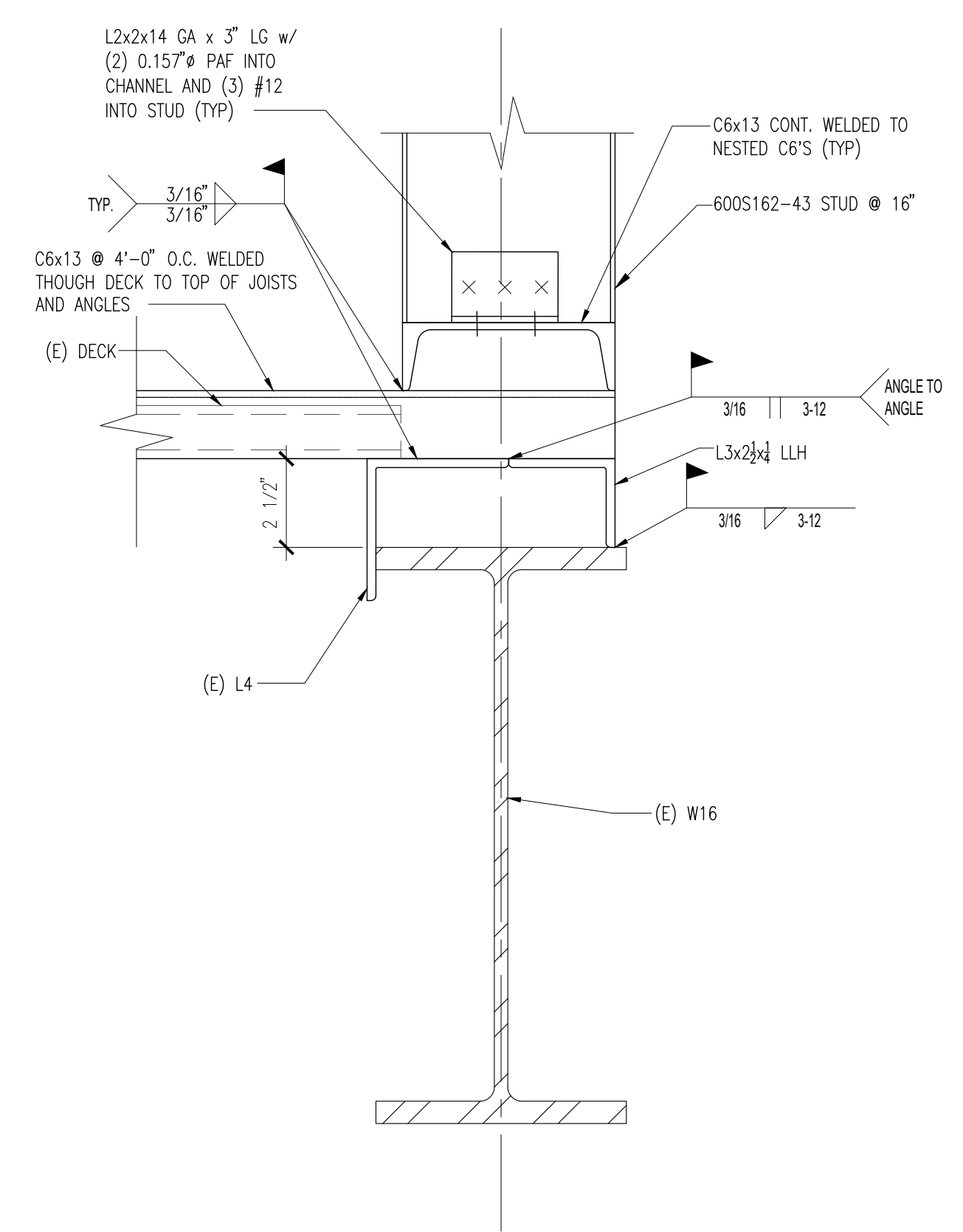
**PLAN**  
S1.0 SCALE: 1/8" = 1'-0"  
NORTH



**3 SECTION**  
S1.0 SCALE: 1/2" = 1'-0"

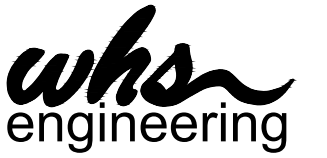


**4 SECTION**  
S1.0 SCALE: 1/2" = 1'-0"

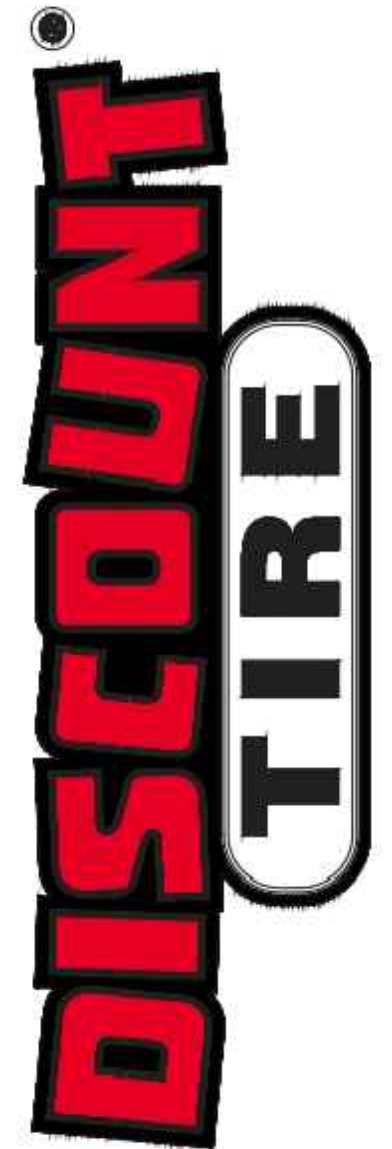


**A DETAIL**  
S1.0 SCALE: NOT TO SCALE





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693 E INTERSTATE 30  
ROCKWALL, TX 75087



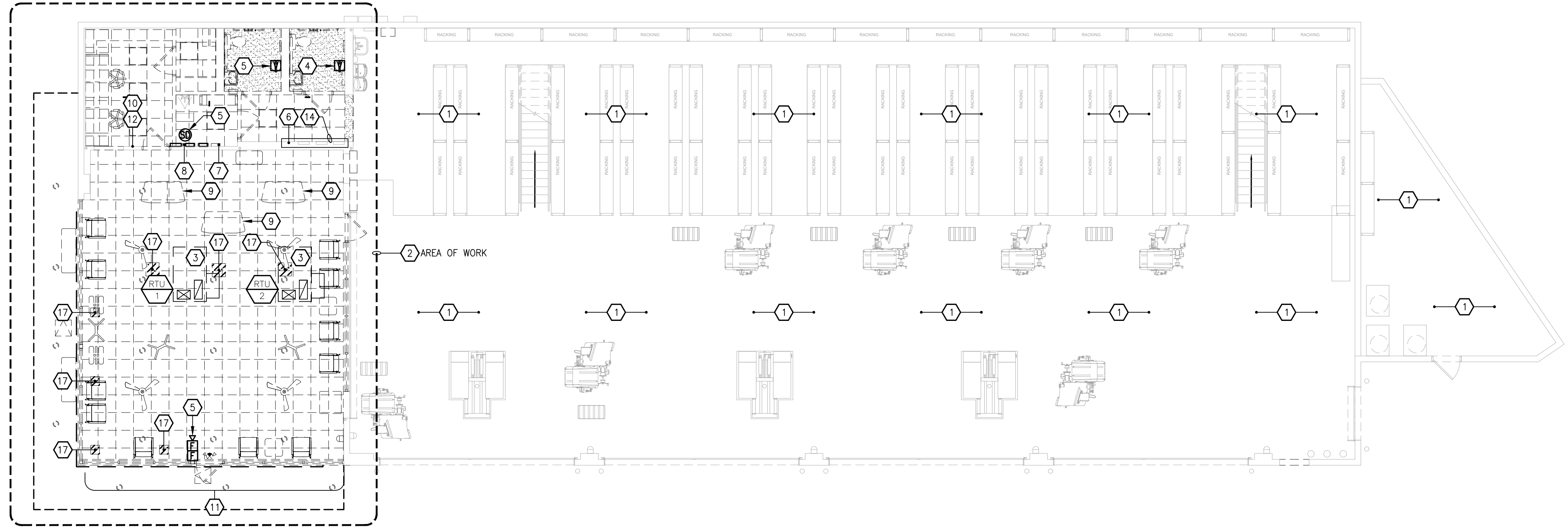
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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | SLD        |
| CHECKED BY     | GSS        |

SHEET NAME  
**ELECTRICAL DEMOLITION PLAN**

SHEET #  
**ED.1**



**01 ELECTRICAL DEMOLITION PLAN**  
1/8" = 1'-0"

**CODED NOTES**

- 1 NO WORK TO BE DONE IN THIS AREA UNLESS OTHERWISE NOTED.
- 2 EXISTING LIGHT FIXTURES AND CEILING FANS IN THIS AREA TO BE REMOVED.
- 3 EXISTING HVAC EQUIPMENT **TO REMAIN**.
- 4 EXISTING FIRE ALARM DEVICE TO REMAIN.
- 5 EXISTING FIRE ALARM DEVICE TO BE RELOCATED OR REINSTALLED. SEE E2.1 FOR MORE INFO.
- 6 APPROXIMATE LOCATION OF LIGHTING CONTACTORS **NEXT TO PANEL L2-2 TO REMAIN**.
- 7 EXISTING TELECOMMUNICATION BOARD **TO BE REWORKED AS REQUIRED PER REVISED LAYOUT. REFER TO SHEET E2.1 FOR MORE INFO.**
- 8 EXISTING FIRE ALARM CONTROL PANEL **TO BE REWORKED AS REQUIRED PER REVISED LAYOUT. REFER TO SHEET E2.1 FOR MORE INFO.**
- 9 EXISTING POS COUNTERS TO BE REPLACED WITH NEW. MAINTAIN UNDERGROUND BRANCH CIRCUITING FOR RE-USE. (TYPICAL)
- 10 EXISTING PHOTOCCELL OVERRIDE SWITCH AND SHOWROOM FAN CONTROLS **TO BE RELOCATED**.
- 11 EXISTING MOTORIZED SHADES TO BE REPLACED WITH NEW. MAINTAIN EXISTING CIRCUITING FOR REUSE.
- 12 MOTORIZED SHADE CONTROLS **TO BE RELOCATED** AND SALES SWITCHING BANK TO BE REMOVED.
- 13 NOT USED.
- 14 EXISTING ELECTRIC PANELS **TO REMAIN (TYPICAL)**.
- 15 NOT USED.
- 16 NOT USED.
- 17 CUT AND TRENCH FLOOR AS REQUIRED FOR NEW FLOOR BOX RECEPTACLES. REFER TO POWER PLAN (SHEET #E2.1) FOR ADDITIONAL INFORMATION.

**GENERAL DEMOLITION NOTES:**

- 1. THESE DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE TO BE USED AS A GUIDELINE ONLY FOR THE SCOPE OF DEMOLITION WORK. THE CONTRACTOR SHALL VISIT THE PROJECT SITE DURING THE BID PHASE TO VERIFY THE EXACT CONDITIONS AND SCOPE OF WORK REQUIRED FOR A COMPLETE AND INCLUSIVE DEMOLITION PACKAGE.
- 2. THE CONTRACTOR SHALL BE HELD TO HAVE EXAMINED THE PREMISES AND SITE SO AS TO COMPARE THEM WITH THE CONTRACT DOCUMENTS AND TO HAVE SATISFIED HIMSELF AS TO THE CONDITIONS OF THE PREMISES, THE SITE, ANY OBSTRUCTIONS, THE ACTUAL LEVELS, ACCESS PANELS, AND ALL OTHER EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD, SHALL CHECK LOCATION OF AND CONNECTION TO EXISTING FACILITIES, AND SHALL ASSUME ALL RESPONSIBILITY FOR SAME.
- 3. FOR ALL RENOVATION/REMODELING WORK, INCLUDING ALL AREAS OF NO OR MINIMAL WORK, EXISTING ELECTRICAL SERVICES SHALL BE MAINTAINED TO LUMINAIRES, EQUIPMENT, WIRING DEVICES, ETC. (POWER, LIGHTING, ETC.), THAT ARE REQUIRED TO BE MAINTAINED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THESE SERVICES, EQUIPMENT, WIRING DEVICES THAT ARE EXISTING TO REMAIN, WHETHER OR NOT INDICATED ON THE PLANS.
- 4. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, WIRING DEVICES, TELECOM DEVICES, BLANK COVER PLATES, ETC. LOCATED IN WALLS/PARTITIONS LABELED AS "TO BE REMOVED". REMOVE ALL EXISTING BRANCH CIRCUITING (CONDUCTORS AND CONDUIT) BACK TO LAST ACTIVE DEVICE (OR SOURCE IF NO ACTIVE DEVICES REMAIN).
- 5. ALL ELECTRICAL LUMINAIRES, EQUIPMENT, WIRING DEVICES, TELECOMMUNICATIONS VOICE/DATA CABLING, ETC. SHALL BE REMOVED COMPLETE, BACK TO SOURCE, (PANELBOARD, TERMINAL BOARDS, ETC.), INCLUDING ALL BRANCH CIRCUITING, (CONDUCTORS AND CONDUIT), FEEDERS, SUPPORTS, JUNCTION BOXES, PULL BOXES, ETC.
- 6. MAINTAIN OR PROVIDE TEMPORARY ELECTRICAL SERVICES, SUCH AS LIGHTING AND POWER IN ALL AREAS OF DEMOLITION AND SURROUNDING AREAS NOT IN DEMOLITION.
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL, MECHANICAL HVAC, AND PLUMBING DEMOLITION DRAWINGS FOR ALL EQUIPMENT BEING DEMOLISHED, AND SHALL DISCONNECT AND REMOVE COMPLETE THE ELECTRICAL SERVICES TO ALL EQUIPMENT AND WIRING DEVICES.
- 8. EQUIPMENT AND WIRING DEVICES INDICATED AS "XR", (EXISTING TO BE RELOCATED), SHALL BE STORED FOR RE-USE AS INDICATED "XN", (NEW LOCATION OF EXISTING RELOCATED DEVICE), ON NEW PLAN DRAWINGS. DEVICES SHALL BE CLEANED, LUMINAIRES RE-LAMPED PER SPECIFICATIONS, AND BALLAST REPLACED WHERE FOUND TO BE INOPERABLE.
- 9. ANY CIRCUITS FEEDING THROUGH EQUIPMENT OR DEVICES THAT ARE BEING DEMOLISHED, REWORKED, OR RELOCATED, AND FEEDING OTHER EQUIPMENT/DEVICES THAT REMAIN ARE TO BE MAINTAINED.
- 10. ALL CUTTING AND PATCHING OF WALLS, CEILINGS, OR FLOORS THAT ARE DISTURBED BY DEMOLITION SHALL BE RETURNED TO THEIR ORIGINAL CONDITION. REFER TO THE ARCHITECTURAL DOCUMENTS FOR EXACT SPECIFICATION REQUIREMENTS. PATCH FLOOR TO ORIGINAL CONSTRUCTION SPECIFICATIONS AND U.L. FIRE RATING LISTINGS FOR ALL FLOOR MOUNTED DEVICES SUCH AS FLOOR BOXES, ETC. WHICH HAVE BEEN REMOVED.
- 11. ALL EQUIPMENT AND/OR DEVICES THAT ARE REMOVED AND NOT RE-USED SHALL BE TURNED OVER TO THE TENANT AND/OR BUILDING MANAGEMENT OR DISPOSED OF PER THEIR DIRECTION.
- 12. ALL MATERIAL TO BE DISPOSED SHALL BE DONE UNDER STRICT ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.
- 13. ALL WORK SHOWN LIGHT IS EXISTING TO REMAIN.
- 14. ALL WORK SHOWN DARK OR DARK/DASHED SHALL BE DISCONNECTED AND REMOVED IN ITS ENTIRETY, UNLESS OTHERWISE NOTED.







PRIOR TO DEMOLITION VERIFY THAT NEW LOADS DO NOT DISRUPT ANY CIRCUITS THAT ARE EXISTING TO REMAIN. REARRANGE NEW LOADS AND NEW CIRCUIT BREAKERS AS NECESSARY TO ENSURE THAT ALL EXISTING CONNECTIONS ARE MAINTAINED. TRACE ALL EXISTING CIRCUITS AND PROVIDE AN UPDATED DIRECTORY CARD IN EACH PANEL.

PANEL SCHEDULES ARE SHOWN FOR REFERENCE ONLY. PRIOR TO DEMOLITION VERIFY THAT NEW LOADS DO NOT DISRUPT ANY CIRCUITS THAT ARE EXISTING TO REMAIN. CONFIRM PANEL BUSS RATINGS AND SUB PANEL BREAKER SIZES IN MDP. ENSURE THAT THE KVA FOR ANY PHASE IN ANY PANEL DOES NOT EXCEED THE ASSOCIATED PANEL'S BUSS RATING. REARRANGE NEW LOADS AND NEW CIRCUIT BREAKERS AS NECESSARY TO ENSURE THAT ALL EXISTING CONNECTIONS ARE MAINTAINED AND NO PANEL IS OVERLOADED. TRACE ALL EXISTING CIRCUITS AND PROVIDE AN UPDATED DIRECTORY CARD IN EACH PANEL.

EXISTING SINGLE-LINE POWER RISER DIAGRAM IS BASED ON SURVEY PHOTOS AND/OR EXISTING DRAWINGS (DATED 12/08/1997). ALL ELECTRICAL EQUIPMENT AND DISTRIBUTION IS EXISTING TO REMAIN AND SHOWN FOR REFERENCE ONLY. FIELD VERIFY ELECTRICAL DISTRIBUTION.

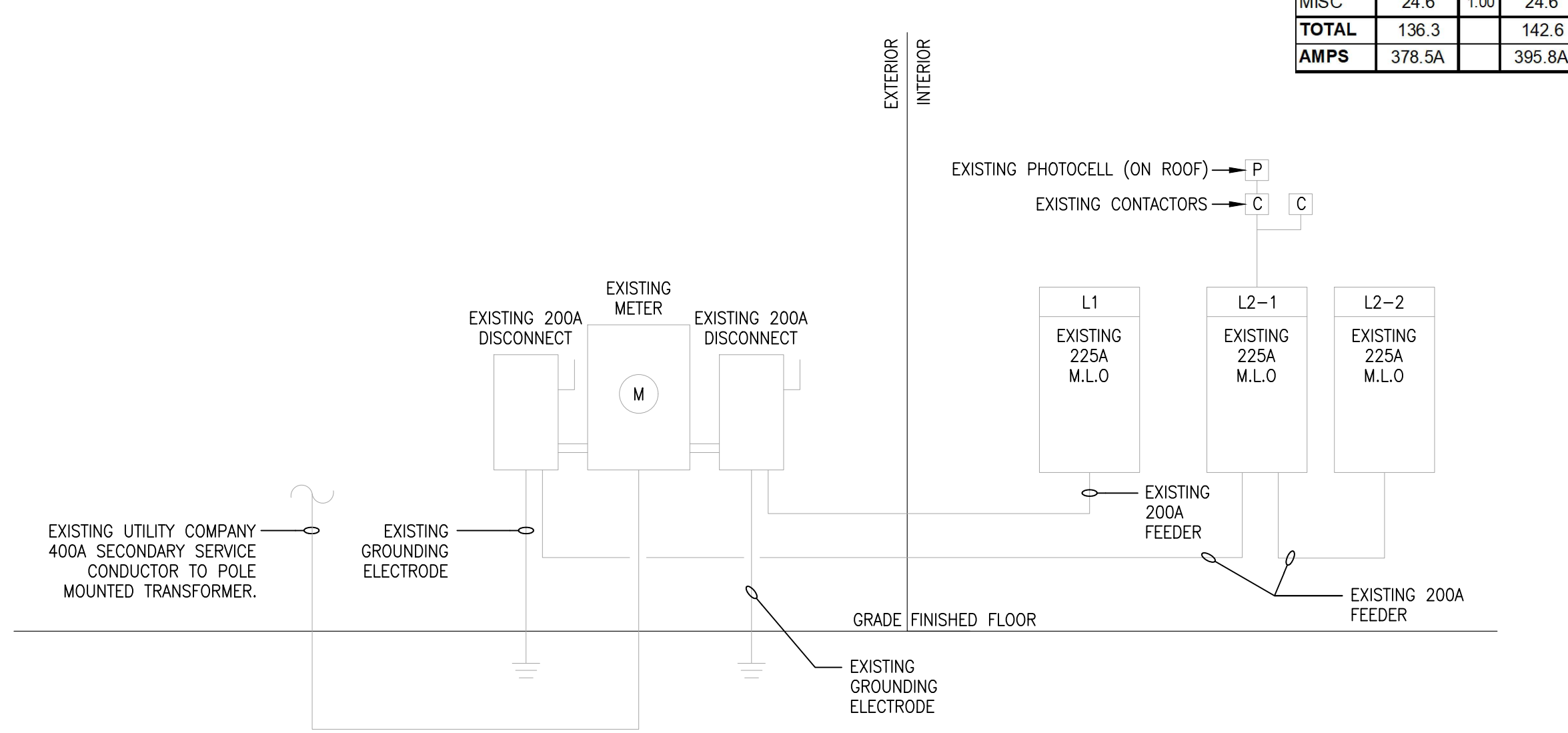
| EXISTING CIRCUIT BREAKER PANEL SCHEDULE |     |                |      |      |      |           |       |      |    |                |      |      |      |               |     |             |      |       |      |      |      |                    |  |  |  |          |  |  |  |
|---|-----|----------------|------|------|------|-----------|-------|------|----|----------------|------|------|------|---------------|-----|-------------|------|-------|------|------|------|--------------------|--|--|--|----------|--|--|--|
| NAME:                                   |     | L1             |      |      |      | VOLTAGE:  |       |      |    | 208/120V-3Ø-4W |      |      |      | BUSS:         |     |             |      | 225A  |      |      |      | KAIC:              |  |  |  | EXISTING |  |  |  |
| MOUNTING:                               |     | RECESSED       |      |      |      | LOCATION: |       |      |    | HALLWAY        |      |      |      | MAIN LUG ONLY |     |             |      | KWD:  |      |      |      | 80.4               |  |  |  |          |  |  |  |
| NOTE                                    | CKT | DESCRIPTION    | LTG  | REC  | FSEQ | HVAC      | MISC  | C/B  | PH | C/B            | MISC | HVAC | FSEQ | REC           | LTG | DESCRIPTION | CKT  | NOTE  |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 1   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | A  |                |      |      |      |               |     |             | 2    |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 3   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | B  |                |      |      |      |               |     |             | 4    |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 5   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | C  |                |      |      |      |               |     |             | 6    |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 7   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | A  |                |      |      |      |               |     |             | 8    |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 9   | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | B  |                |      |      |      |               |     |             | 10   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 11  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | C  |                |      |      |      |               |     |             | 12   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 13  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | A  |                |      |      |      |               |     |             | 14   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 15  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | B  |                |      |      |      |               |     |             | 16   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 17  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/3 | C  |                |      |      |      |               |     |             | 18   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 19  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/2 | A  |                |      |      |      |               |     |             | 20   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 21  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/2 | B  |                |      |      |      |               |     |             | 22   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 23  | WHEEL BALANCER |      |      |      |           | 1.00  | 20/2 | C  |                |      |      |      |               |     |             | 24   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 25  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | A  |                |      |      |      |               |     |             | 26   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 27  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | B  |                |      |      |      |               |     |             | 28   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 29  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/3 | A  |                |      |      |      |               |     |             | 30   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 31  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | B  |                |      |      |      |               |     |             | 32   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 33  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | C  |                |      |      |      |               |     |             | 34   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 35  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | A  |                |      |      |      |               |     |             | 36   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 37  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | B  |                |      |      |      |               |     |             | 38   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 39  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/1 | C  |                |      |      |      |               |     |             | 40   |       |      |      |      |                    |  |  |  |          |  |  |  |
| E                                       | 41  | EXISTING LOAD  |      |      |      |           | 0.50  | 20/2 | A  |                |      |      |      |               |     |             | 42   |       |      |      |      |                    |  |  |  |          |  |  |  |
| <b>TOTALS (KW)</b>                      |     |                | 0.00 | 0.00 | 0.00 | 0.00      | 16.50 |      | PH |                |      |      |      |               |     |             | 5.00 | 58.89 | 0.00 | 0.00 | 0.00 | <b>TOTALS (KW)</b> |  |  |  |          |  |  |  |

| LOAD SUMMARY |               |      | EXISTING PANEL MODEL |               |  | PANEL DATA |                  |  | KWD |      |  | KWC |     |  | LTG |     |  | REC |     |  | FSEQ |     |  | HVAC |      |  | MISC |     |  |  |
|--------------|---------------|------|----------------------|---------------|--|------------|------------------|--|-----|------|--|-----|-----|--|-----|-----|--|-----|-----|--|------|-----|--|------|------|--|------|-----|--|--|
|              | KWC           | DF   | KWD                  |               |  |            |                  |  |     |      |  |     |     |  |     |     |  |     |     |  |      |     |  |      |      |  |      |     |  |  |
| LTG          | 0.0           | 1.25 | 0.0                  | CUTLER HAMMER |  |            | KW Phase A: 27.1 |  |     | 27.1 |  |     | 0.0 |  |     | 0.0 |  |     | 0.0 |  |      | 0.0 |  |      | 19.6 |  |      | 7.5 |  |  |
| REC          | 0.0           | NEC  | 0.0                  |               |  |            | KW Phase B: 26.6 |  |     | 26.6 |  |     | 0.0 |  |     | 0.0 |  |     | 0.0 |  |      | 0.0 |  |      | 19.6 |  |      | 7.0 |  |  |
| FSEQ         | 0.0           | 0.65 | 0.0                  |               |  |            | KW Phase C: 26.6 |  |     | 26.6 |  |     | 0.0 |  |     | 0.0 |  |     | 0.0 |  |      | 0.0 |  |      | 19.6 |  |      | 7.0 |  |  |
| HVAC         | 58.9          | 1.00 | 58.9                 |               |  |            |                  |  |     |      |  |     |     |  |     |     |  |     |     |  |      |     |  |      |      |  |      |     |  |  |
| MISC         | 21.5          | 1.00 | 21.5                 |               |  |            |                  |  |     |      |  |     |     |  |     |     |  |     |     |  |      |     |  |      |      |  |      |     |  |  |
| <b>TOTAL</b> | <b>80.4</b>   |      | <b>80.4KW</b>        |               |  |            |                  |  |     |      |  |     |     |  |     |     |  |     |     |  |      |     |  |      |      |  |      |     |  |  |
| <b>AMPS</b>  | <b>223.1A</b> |      | <b>223.1A</b>        |               |  |            |                  |  |     |      |  |     |     |  |     |     |  |     |     |  |      |     |  |      |      |  |      |     |  |  |

| SERVICE LOAD SUMMARY |               |      |               |
|----------------------|---------------|------|---------------|
| 208/120V-3Ø-4W       |               |      |               |
|                      | KWC           | DF   | KWD           |
| LTG                  | 35.8          | 1.25 | 44.8          |
| REC                  | 15.4          | NEC  | 12.7          |
| FSEQ                 | 0.0           | 0.65 | 0.0           |
| HVAC                 | 60.5          | 1.00 | 60.5          |
| MISC                 | 24.6          | 1.00 | 24.6          |
| <b>TOTAL</b>         | <b>136.3</b>  |      | <b>142.6</b>  |
| <b>AMPS</b>          | <b>378.5A</b> |      | <b>395.8A</b> |



EXISTING SINGLE-LINE POWER RISER DIAGRAM  
SCALE: NONE

| EXISTING CIRCUIT BREAKER PANEL SCHEDULE |     |                  |       |      |      |           |      |      |      |                |      |      |      |               |     |             |      |                     |              |      |       |                    |  |  |  |          |  |  |  |
|---|-----|------------------|-------|------|------|-----------|------|------|------|----------------|------|------|------|---------------|-----|-------------|------|---------------------|--------------|------|-------|--------------------|--|--|--|----------|--|--|--|
| NAME:                                   |     | L2-1             |       |      |      | VOLTAGE:  |      |      |      | 208/120V-3Ø-4W |      |      |      | BUSS:         |     |             |      | 225A                |              |      |       | KAIC:              |  |  |  | EXISTING |  |  |  |
| MOUNTING:                               |     | RECESSED         |       |      |      | LOCATION: |      |      |      | HALLWAY        |      |      |      | MAIN LUG ONLY |     |             |      | KWD:                |              |      |       | 44.8               |  |  |  |          |  |  |  |
| NOTE                                    | CKT | DESCRIPTION      | LTG   | REC  | FSEQ | HVAC      | MISC | C/B  | PH   | C/B            | MISC | HVAC | FSEQ | REC           | LTG | DESCRIPTION | CKT  | NOTE                |              |      |       |                    |  |  |  |          |  |  |  |
| E                                       | 31  | CANOPY LIGHTING  | 0.70  |      |      |           |      | 20/1 | A    | 20/1           |      |      |      |               |     |             | 0.94 | LTG - BACK OF HOUSE | 32           | R    |       |                    |  |  |  |          |  |  |  |
| E                                       | 33  | LIGHTING         | 1.20  |      |      |           |      | 20/1 | B    | 20/1           |      |      |      |               |     |             | 1.60 | EXTERIOR LIGHTING   | 34           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 35  | LIGHTING         | 1.20  |      |      |           |      | 20/1 | C    | 20/1           |      |      |      |               |     |             | 0.10 | EXIT LIGHTS         | 36           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 37  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | A    | 20/2           |      |      |      |               |     |             | 0.54 | REC - P.O.S         | 38           | R    |       |                    |  |  |  |          |  |  |  |
| E                                       | 39  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | B    | 20/2           |      |      |      |               |     |             | 0.54 | REC - P.O.S         | 40           | R    |       |                    |  |  |  |          |  |  |  |
| E                                       | 41  | SERVICE LIGHTING | 1.15  |      |      |           |      | 20/2 | C    | 20/2           |      |      |      |               |     |             | 1.61 | SERVICE LIGHTING    | 42           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 43  | SERVICE LIGHTING | 1.15  |      |      |           |      | 20/2 | A    | 20/2           |      |      |      |               |     |             | 1.61 | SERVICE LIGHTING    | 44           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 45  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | B    | 20/2           |      |      |      |               |     |             | 1.61 | SERVICE LIGHTING    | 46           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 47  | SERVICE LIGHTING | 1.61  |      |      |           |      | 20/2 | C    | 20/2           |      |      |      |               |     |             | 1.61 | SERVICE LIGHTING    | 48           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 49  | SIGN             | 1.68  |      |      |           |      | 20/1 | A    | 20/1           |      |      |      |               |     |             | 1.04 | LIGHTING            | 50           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 51  | SIGN             | 1.68  |      |      |           |      | 20/1 | B    | 20/1           |      |      |      |               |     |             | 2.88 | PY LON SIGN         | 52           | E    |       |                    |  |  |  |          |  |  |  |
| E                                       | 53  | SIGN             | 1.68  |      |      |           |      | 20/1 | C    | 20/1           |      |      |      |               |     |             | 0.10 | PHOTOCELL           | 54           | E    |       |                    |  |  |  |          |  |  |  |
| R                                       | 55  | SIGN             | 1.68  |      |      |           |      | 20/1 | A    | 20/1           |      |      |      |               |     |             | 0.54 | REC - OFFICE        | 56           | R    |       |                    |  |  |  |          |  |  |  |
| R                                       | 57  | SIGN             | 1.68  |      |      |           |      | 20/1 | B    | 20/1           |      |      |      |               |     |             | 0.54 | RECEPTACLES         | 58           | E    |       |                    |  |  |  |          |  |  |  |
| R                                       | 59  | CEILING FANS     |       |      |      |           |      | 0.40 | 20/1 | C              | 20/1 |      |      |               |     |             |      | 0.54                | REC - CLOSET | 60   | E     |                    |  |  |  |          |  |  |  |
| <b>TOTALS (KW)</b>                      |     |                  | 20.24 | 0.00 | 0.00 | 0.00      | 0.40 |      | PH   |                |      |      |      |               |     |             | 0.00 | 0.00                | 0.00         | 2.70 | 13.10 | <b>TOTALS (KW)</b> |  |  |  |          |  |  |  |

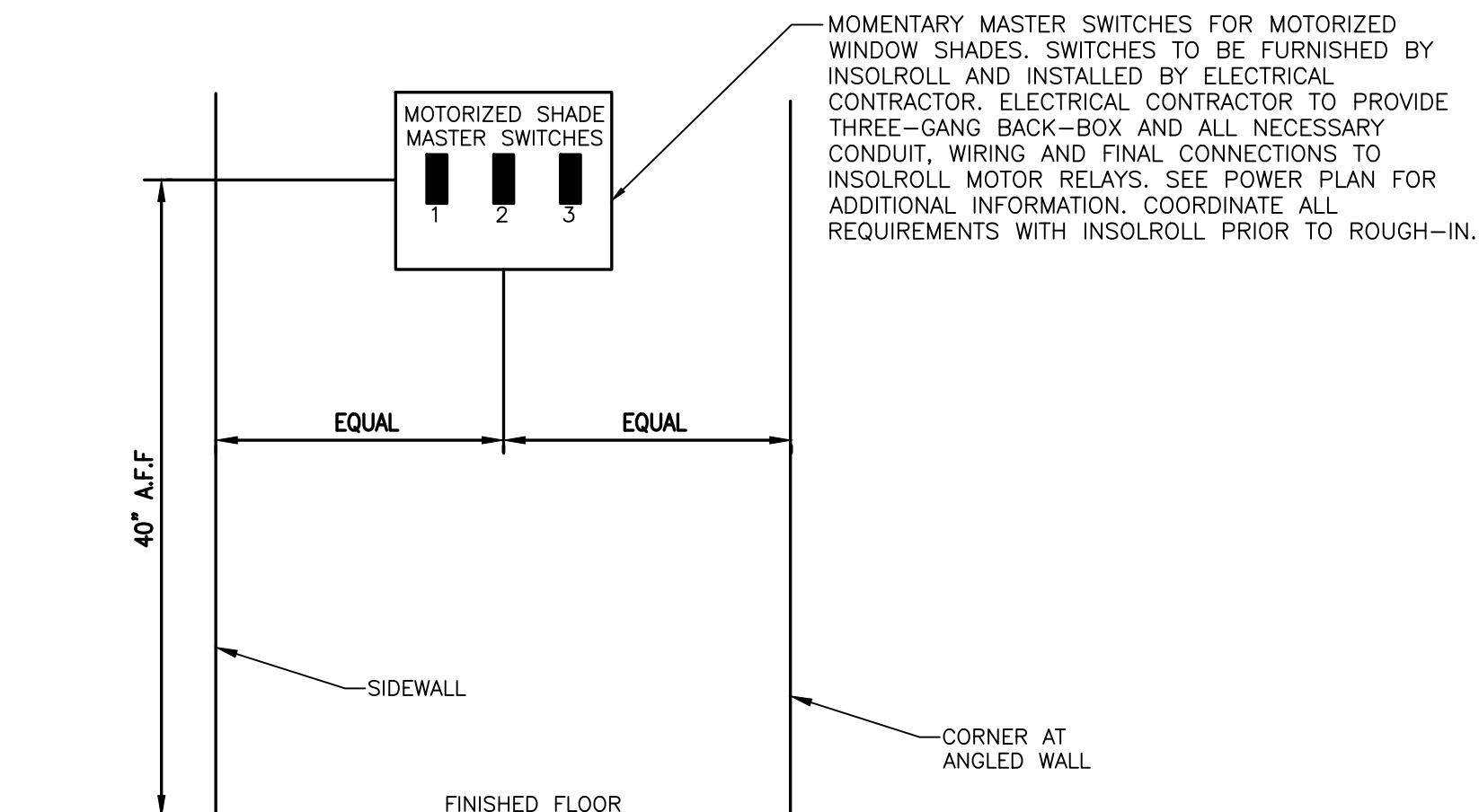
| LOAD SUMMARY |               |      | EXISTING PANEL MODEL |               |  | PANEL DATA |                  |  | KWD |      |  | KWC |      |  | LTG |      |  | REC |     |  | FSEQ |     |  | HVAC |     |  | MISC |     |  |  |
|--------------|---------------|------|----------------------|---------------|--|------------|------------------|--|-----|------|--|-----|------|--|-----|------|--|-----|-----|--|------|-----|--|------|-----|--|------|-----|--|--|
|              | KWC           | DF   | KWD                  |               |  |            |                  |  |     |      |  |     |      |  |     |      |  |     |     |  |      |     |  |      |     |  |      |     |  |  |
| LTG          | 33.3          | 1.25 | 41.7                 | CUTLER HAMMER |  |            | KW Phase A: 14.1 |  |     | 14.1 |  |     | 11.5 |  |     | 10.4 |  |     | 1.1 |  |      | 0.0 |  |      | 0.0 |  |      | 0.0 |  |  |
| REC          | 2.7           | NEC  | 2.7                  |               |  |            | KW Phase B: 18.4 |  |     | 18.4 |  |     | 15.0 |  |     | 13.9 |  |     | 1.1 |  |      | 0.0 |  |      | 0.0 |  |      | 0.0 |  |  |
| FSEQ         | 0.0           | 0.65 | 0.0                  |               |  |            | KW Phase C: 12.3 |  |     | 12.3 |  |     | 10.0 |  |     | 9.1  |  |     | 0.5 |  |      | 0.0 |  |      | 0.0 |  |      | 0.4 |  |  |
| HVAC         | 0.0           | 1.00 | 0.0                  |               |  |            |                  |  |     |      |  |     |      |  |     |      |  |     |     |  |      |     |  |      |     |  |      |     |  |  |
| MISC         | 0.4           | 1.00 | 0.4                  |               |  |            |                  |  |     |      |  |     |      |  |     |      |  |     |     |  |      |     |  |      |     |  |      |     |  |  |
| <b>TOTAL</b> | <b>36.4</b>   |      | <b>44.8KW</b>        |               |  |            |                  |  |     |      |  |     |      |  |     |      |  |     |     |  |      |     |  |      |     |  |      |     |  |  |
| <b>AMPS</b>  | <b>101.1A</b> |      | <b>124.3A</b>        |               |  |            |                  |  |     |      |  |     |      |  |     |      |  |     |     |  |      |     |  |      |     |  |      |     |  |  |

NOTES: R - RE-USE EXISTING CIRCUIT BREAKER FOR NEW LOAD, E - EXISTING LOAD/CIRCUIT BREAKER TO REMAIN

| EXISTING CIRCUIT BREAKER PANEL SCHEDULE |     |                  |      |     |      |           |      |      |    |                |      |      |      |               |     |             |      |                    |    |    |   |       |  |  |  |          |  |  |  |
|---|-----|------------------|------|-----|------|-----------|------|------|----|----------------|------|------|------|---------------|-----|-------------|------|--------------------|----|----|---|-------|--|--|--|----------|--|--|--|
| NAME:                                   |     | L2-2             |      |     |      | VOLTAGE:  |      |      |    | 208/120V-3Ø-4W |      |      |      | BUSS:         |     |             |      | 225A               |    |    |   | KAIC: |  |  |  | EXISTING |  |  |  |
| MOUNTING:                               |     | RECESSED         |      |     |      | LOCATION: |      |      |    | HALLWAY        |      |      |      | MAIN LUG ONLY |     |             |      | KWD:               |    |    |   | 18.8  |  |  |  |          |  |  |  |
| NOTE                                    | CKT | DESCRIPTION      | LTG  | REC | FSEQ | HVAC      | MISC | C/B  | PH | C/B            | MISC | HVAC | FSEQ | REC           | LTG | DESCRIPTION | CKT  | NOTE               |    |    |   |       |  |  |  |          |  |  |  |
| E                                       | 1   | TELEPHONE / FACP | 0.36 |     |      |           |      | 20/1 | A  | 20/1           |      |      |      |               |     |             | 0.54 | QUAD SHOWROOM      | 2  | E  |   |       |  |  |  |          |  |  |  |
| R                                       | 3   | EWIC             | 1.00 |     |      |           |      | 20/1 | B  | 20/1           | 0.40 |      |      |               |     |             | 0.54 | QUAD SHOWROOM      | 4  | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 5   | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             |      |                    |    | 6  | R |       |  |  |  |          |  |  |  |
| E                                       | 7   | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | A  | 20/1           |      |      |      |               |     |             |      |                    |    | 8  |   |       |  |  |  |          |  |  |  |
| E                                       | 9   | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | B  | 20/1           | 1.65 |      |      |               |     |             |      |                    |    | 10 | E |       |  |  |  |          |  |  |  |
| E                                       | 11  | REC - SERVICE    | 0.36 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             | 0.18 | RECEPTACLES        | 12 | E  |   |       |  |  |  |          |  |  |  |
| E                                       | 13  | NEON             | 1.50 |     |      |           |      | 20/1 | A  | 20/1           | 1.14 |      |      |               |     |             |      |                    |    | 14 | E |       |  |  |  |          |  |  |  |
| E                                       | 15  | RECEPTACLES      | 1.50 |     |      |           |      | 20/1 | B  | 20/1           | 1.14 |      |      |               |     |             |      |                    |    | 16 | E |       |  |  |  |          |  |  |  |
| E                                       | 17  | REFRIGERATION    | 1.00 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             | 0.54 | REC - SALES WINDOW | 18 |    |   |       |  |  |  |          |  |  |  |
| R                                       | 19  | LTG - SALES      | 1.00 |     |      |           |      | 20/1 | A  | 20/1           |      |      |      |               |     |             | 0.72 | REC - CONVENIENCE  | 20 |    |   |       |  |  |  |          |  |  |  |
| E                                       | 21  | FACP             | 0.36 |     |      |           |      | 20/1 | B  | 20/1           |      |      |      |               |     |             | 1.00 | COFFEE MAKER       | 22 |    |   |       |  |  |  |          |  |  |  |
| R                                       | 23  | OFFICE PRINTER   | 1.50 |     |      |           |      | 20/1 | C  | 20/1           |      |      |      |               |     |             | 1.00 | U.C REFRIGERATOR   | 24 |    |   |       |  |  |  |          |  |  |  |
| E                                       | 25  | SPACE            |      |     |      |           |      |      | A  |                |      |      |      |               |     |             |      |                    |    | 26 |   |       |  |  |  |          |  |  |  |
| E                                       | 27  | TIRE CONVEYOR    | 1.00 |     |      |           |      | 20/1 | B  | 20/1           |      |      |      |               |     |             |      |                    |    | 28 |   |       |  |  |  |          |  |  |  |
| E                                       | 29  |                  |      |     |      |           |      |      |    |                |      |      |      |               |     |             |      |                    |    |    |   |       |  |  |  |          |  |  |  |





**02 SHADE SWITCH MOUNTING DETAIL**

NOT TO SCALE

**NOTE LEGEND**

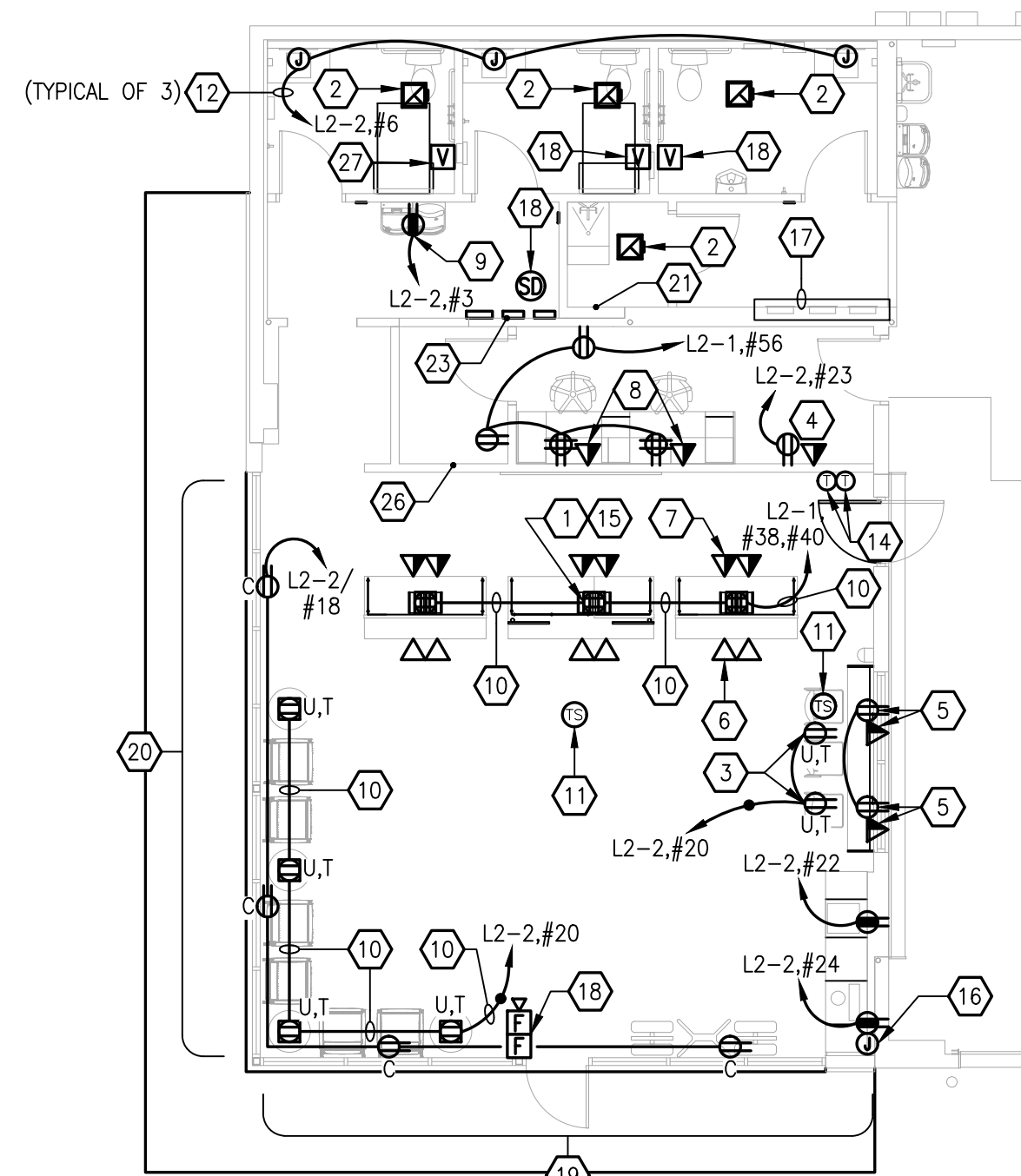
1. ALL DEVICES (SWITCHED AND RECEPTACLES) TO BE GRAY IN COLOR. ALL COVER PLATES SHALL BE ENGRAVED, WITH IDENTIFICATION OF CONTROL FOR ALL SWITCHES.
2. ALL DEVICES AND CONDUIT SHALL BE MOUNTED RECESSED IN WALL.
3. COORDINATE EXACT MOUNTING HEIGHT WITH DISCOUNT TIRE CONSTRUCTION MANAGER.

**EXISTING BUILDING FIRE ALARM SYSTEM NOTES**

1. PRIOR TO BID SUBMITTAL, THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE WITH BUILDING MANAGEMENT AND THE BUILDING APPROVED FIRE ALARM SYSTEM VENDOR TO VERIFY THE EXISTING SYSTEM, OPERATIONS, COMPONENTS, PANEL LOCATIONS, CABLING, AND ROUTING REQUIREMENTS, ETC. CONFIRM EXISTING FIRE ALARM MANUFACTURER AND FIRE ALARM CONTACT PRIOR TO START OF WORK.
2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH BUILDING MANAGEMENT AND THE FIRE ALARM SYSTEM VENDOR FOR ALL COMPONENTS AND/OR SYSTEM MODIFICATIONS AS REQUIRED TO ACCOMMODATE NEW FIRE ALARM DEVICE(S) AND CODE COMPLIANCE OPERATION.
3. FIRE ALARM DEVICE LOCATIONS ARE DIAGRAMMATIC ONLY. THE FIRE ALARM SYSTEM VENDOR SHALL BE RESPONSIBLE TO VERIFY ALL NEW AND EXISTING DEVICE SPECIFICATIONS AND CHARACTERISTICS, BASED ON THEIR SYSTEM DEVICE SPECIFICATIONS. PROVIDE FINAL LAYOUT DRAWINGS OF DEVICE LOCATIONS TO MEET ALL STATE AND LOCAL FIRE ALARM CODE REQUIREMENTS.
4. PROVIDE ALL NEW EQUIPMENT AND DEVICES AS REQUIRED FOR A COMPLETE AND CODE COMPLIANT SYSTEM. THE ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM VENDOR SHALL BE RESPONSIBLE TO PROVIDE ALL SERVICES REQUIRED TO PROVIDE A "COMPLETE AND OPERATIONAL SYSTEM" PER ALL STATE AND LOCAL CODE REQUIREMENTS. THIS INCLUDES BUT IS NOT LIMITED TO: PRODUCING FIRE ALARM DRAWINGS AND SPECIFICATIONS FOR PERMITTING, SHOP DRAWINGS, AND CONSTRUCTION. INCLUDE ALL SIGNALING CIRCUIT LOADS, VOLTAGE DROPS, WIRING DIAGRAMS WIRE SIZE, BATTERY CALCULATIONS, ETC PER MUNICIPAL CODE OF THE CITY OF ROCKWALL, TEXAS.

**CODED NOTES**

- 1 PROVIDE ISOLATED GROUND DOUBLE DUPLEX RECEPTACLES MOUNTED IN FLUSH FLOOR CAST BOX WITH THREADED HUBS (HUBBELL #S1CFB), TILE ASSEMBLY COVERPLATE (HUBBELL #S1TFO) AND SUB-PLATE TO MATCH RECEPTACLE/ DATA CONFIGURATION. COORDINATE EXACT LOCATION OF BOX PRIOR TO INSTALLATION (TYPICAL OF EACH SALES COUNTER).
- 2 NEW EXHAUST FAN TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT AND SHALL BE CONTROLLED VIA LOCAL LIGHTING CONTROLS. SEE LIGHTING PLAN, #E2.0 FOR MORE INFORMATION.
- 3 MOUNT USB TYPE DUPLEX RECEPTACLE UNDER VIEWING WINDOW AND ABOVE VIEWING COUNTER. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING LOCATION.
- 4 COORDINATE FINAL LOCATION OF POWER/DATA DEVICE FOR PRINTER WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- 5 PROVIDE DUPLEX RECEPTACLE AND DATA OUTLET MOUNTED 10'-4" AFF FOR POWER AND DATA CONNECTIONS FOR MONITOR BANK. ELECTRICAL/DATA CONNECTIONS TO ACTUAL EQUIPMENT WILL BE BY OTHERS. VERIFY EXACT LOCATION WITH DISCOUNT TIRE CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- 6 PROVIDE (1) 2" CONDUIT W/ PULLSTRING FROM COMPUTER CABINET IN COMPUTER ROOM (REFER TO COLONY CABINETS FOR EXACT STUB-UP LOCATION) TO EACH DATA OUTLET FOR PEDESTAL OF SALES COUNTER. REDUCE CONDUIT AT FLOOR BOX USING 1-1/2" NPT FITTING (TYPICAL OF EACH SALES COUNTER).
- 7 PROVIDE (1) 2" CONDUIT W/ PULLSTRING FROM TELEPHONE BOARD AND J-BOX FLUSH MOUNTED IN EACH PEDESTAL OF SALES COUNTER FOR TELEPHONE. REDUCE CONDUIT AT FLOOR BOX USING 1-1/2" NPT FITTING (TYPICAL OF EACH SALES COUNTER).
- 8 PROVIDE (1) 3/4" CONDUIT W/ PULLSTRING FROM DATA OUTLET TO COMPUTER CABINET IN COMPUTER ROOM AND (1) 3/4" CONDUIT W/ PULLSTRING TO THE TELEPHONE BOARD FROM TELEPHONE OUTLETS.
- 9 PROVIDE NEW 20A BRANCH CIRCUIT FOR NEW DRINKING FOUNTAIN LOCATION. VERIFY WITH EXISTING DRAWINGS AND PANEL SCHEDULES. COORDINATE EXACT LOCATION WITH ARCHITECT.
- 10 E.C. SHALL SAWCUT AND PATCH FLOOR AS REQUIRED. (TYPICAL).
- 11 PROVIDE 1/2" CONDUIT WITH PULL WIRE FROM MECHANICAL CONTRACTOR PROVIDED TEMPERATURE SENSOR TO ASSOCIATED THERMOSTAT. REFER TO MECHANICAL PLANS FOR EXACT LOCATION.
- 12 PROVIDE JUNCTION BOX AND COVER PLATE FOR AUTOMATIC FAUCET/FLUSH VALVE PER MANUFACTURER'S INSTRUCTIONS. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE FINAL CONNECTIONS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. (TYPICAL)
- 13 NOT USED.
- 14 PROVIDE 1/2" CONDUIT WITH PULL WIRE FROM EACH THERMOSTAT TO UNITS ON ROOF. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 15 WIRE DUPLEX RECEPTACLES AT EACH STATION SUCH THAT (1) DUPLEX RECEPTACLE AT EACH STATION IS CONNECTED TO (1) CIRCUIT BREAKER AND THE OTHER DUPLEX AT EACH STATION IS WIRED TO THE OTHER CIRCUIT BREAKER. CIRCUITS SHALL BE LOCATED ADJACENT TO EACH OTHER IN PANEL AND HANDLE TIE SHALL BE PROVIDED.
- 16 FULLY RECESSED 2-GANG, NON-METALLIC UTILITY BOX, THOMAS & BETTS E9812F OR EQUAL, WITH BLANK COVERPLATE. PROVIDE 1" CONDUIT WITH PULL STRING ROUTED FROM SHOWROOM TO ELECTRIC PANELS FOR FUTURE WATER INSTALLATION.
- 17 EXISTING ELECTRIC PANELS TO REMAIN. (TYPICAL)
- 18 LOCATION OF RELOCATED (OR REINSTALLED AFTER INSTALLATION OF NEW CEILING GRID) FIRE ALARM DEVICE. EXTEND ALL FIRE ALARM CABLING TO NEW LOCATION.
- 19 NEW "INSOLROLL" MOTORIZED SHADES WITH INTEGRAL QUICK-CONNECT DISCONNECT TO REPLACE EXISTING MOTORIZED SHADES. UTILIZE EXISTING BRANCH CIRCUITING, MOTORS, AND CONTROLS (RELOCATED). EXTEND EXISTING WIRE AND CONDUIT AS REQUIRED. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS.
- 20 NEW "INSOLROLL" MOTORIZED SHADES WITH INTEGRAL QUICK-CONNECT. EXTEND EXISTING BRANCH CIRCUITING AS REQUIRED TO NEW MOTORIZED SHADE LOCATIONS. PROVIDE NEW CONTROLS. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS.
- 21 LOCATION OF TELECOMMUNICATION EQUIPMENT. REWORK ANY CABLING AS REQUIRED PER REVISED FLOOR PLAN.
- 22 NOT USED.
- 23 LOCATION OF FIRE ALARM CONTROL PANEL. REWORK ANY CABLING AS REQUIRED PER REVISED FLOOR PLAN.
- 24 NOT USED.
- 25 NOT USED.
- 26 ALL FLOOR BOX AND SALES POD POWER AND TELE/DATA CONDUITS SHALL BE ROUTED TO THIS APPROXIMATE LOCATION AT HOSPITALITY WALL. CONFIRM EXACT LOCATION IN FIELD PRIOR TO START OF WORK. PROVIDE CHASE FROM THIS LOCATION TO ELECTRICAL PANEL LOCATION, IT ROOM AND MANAGER'S OFFICE AS REQUIRED. CHASE SHALL RUN ABOVE FINISHED CEILING AND BELOW STRUCTURE/MEZZANINE.
- 27 LOCATION OF NEW FIRE ALARM DEVICE. PROVIDE FIRE ALARM CABLING TO NEW LOCATION. COORDINATE ALL FIRE ALARM WORK WITH FIRE ALARM DESIGNER/CONTRACTOR PRIOR TO START OF WORK.



**01 POWER AND COMMUNICATION PLAN**  
1/8" = 1'-0"

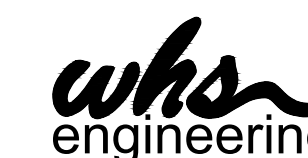
**GENERAL POWER PLAN NOTES**

1. EXACT LOCATION OF MECHANICAL, PLUMBING, KITCHEN, FURNITURE SYSTEMS, OWNER FURNISHED EQUIPMENT, ETC. THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL, PLUMBING, AND/OR ARCHITECTURAL DRAWINGS. COORDINATE EXACT LOCATIONS WITH RESPECTIVE CONTRACTORS AND/OR VENDORS PRIOR TO ANY ROUGH-INS.
2. PRIOR TO ROUGH-IN, REVIEW AND COORDINATE WITH ALL OTHER TRADES' CONTRACT DOCUMENTS TO DETERMINE SPECIFIC MOUNTING LOCATIONS AND ELECTRICAL REQUIREMENTS (VOLTAGE, PHASE, KW, HP, CONNECTION TYPE, ETC.) FOR HVAC AND PLUMBING EQUIPMENT. COORDINATE EXACT MOUNTING LOCATIONS WITH THE SPECIFIC TRADE AND ARCHITECT.
3. MINIMUM CONDUCTOR SIZE FOR 277 VOLT BRANCH CIRCUITS SHALL BE 12-AWG. FOR 277 VOLT BRANCH CIRCUITS WITH HOMERUNS OVER 150 LINEAR FEET A MINIMUM WIRE SIZE OF 10-AWG SHALL BE PROVIDED FROM FIRST JUNCTION/OUTLET BOX TO BRANCH CIRCUIT PANELBOARD.
4. MINIMUM CONDUCTOR SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE 12-AWG. FOR 120 VOLT BRANCH CIRCUITS WITH HOMERUNS OVER 100 LINEAR FEET, A MINIMUM WIRE SIZE OF 10-AWG SHALL BE PROVIDED FROM FIRST JUNCTION/OUTLET BOX TO BRANCH CIRCUIT PANELBOARD. FOR 120 VOLT BRANCH CIRCUITS WITH HOMERUNS OVER 150 LINEAR FEET, A MINIMUM WIRE SIZE OF 8-AWG SHALL BE PROVIDED FROM FIRST JUNCTION/OUTLET BOX TO BRANCH CIRCUIT PANELBOARD.
5. ALL WIRING SHALL BE IDENTIFIED BY PANELBOARD AND CIRCUIT NUMBER(S) IN ALL CABINETS, JUNCTION BOXES, WIRING TROUGH, ENCLOSURES, SPLICE OR TERMINATION POINTS, ETC.
6. A NEW TYPED PANELBOARD DIRECTORY CARD SHALL BE PROVIDED FOR ALL PANELS INSTALLED OR MODIFIED UNDER THIS CONTRACT. NEW DIRECTORY CARDS SHALL BE LOCATED ON THE INSIDE DOOR OF ASSOCIATED PANELS.

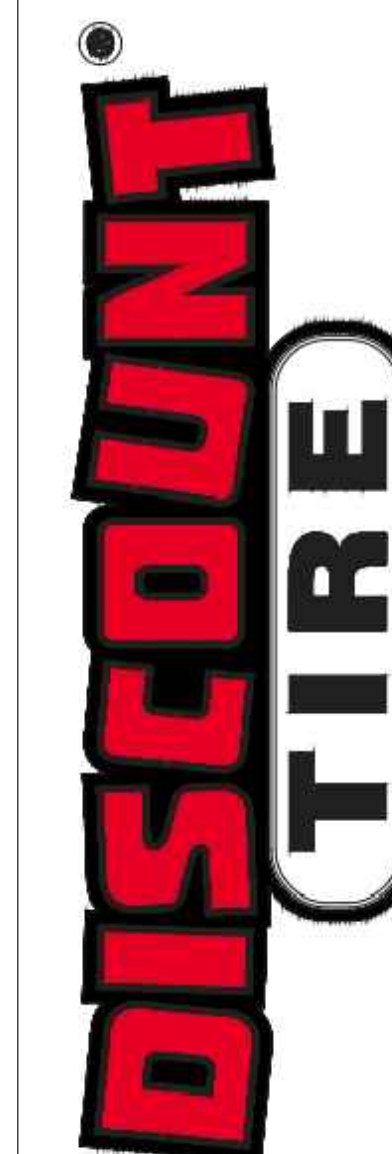
**Design Forum Architects Inc.**

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Phone: 216 227 8505  
Firm #13912



TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087



Firm #13912  
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| No. | Description | Date |
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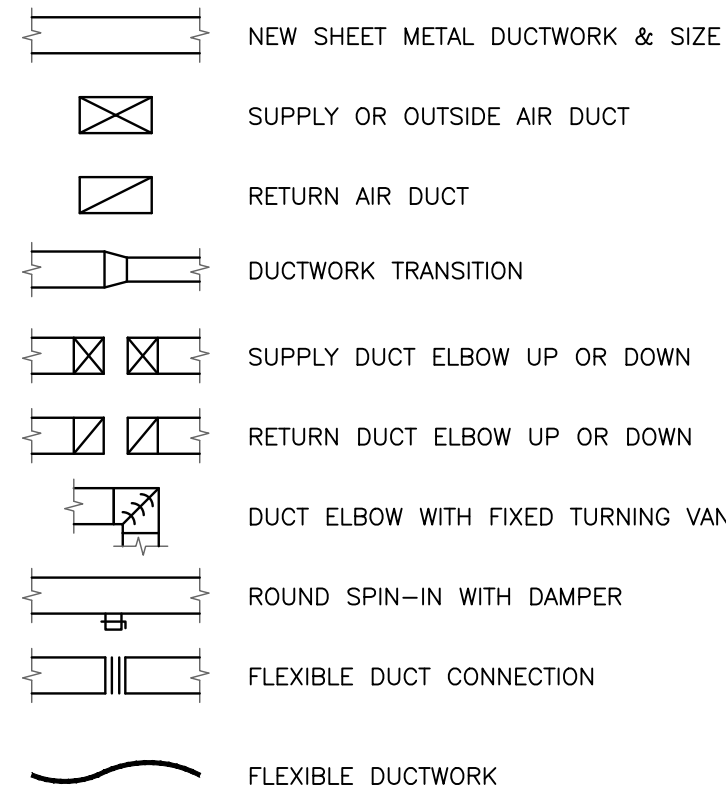
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**POWER & COMMUNICATION PLAN**

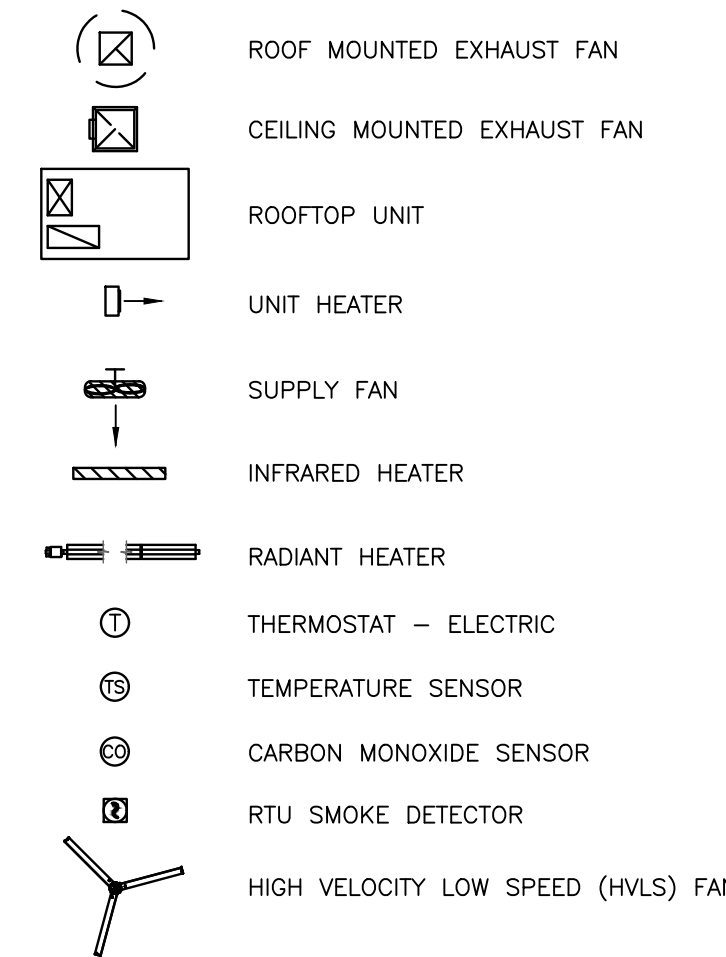
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**E2.1**

## MECHANICAL SYMBOLS LEGEND

### DOUBLE LINE DUCT SYMBOLS:



### EQUIPMENT:



### ABBREVIATIONS:

|     |                          |
|-----|--------------------------|
| AFF | ABOVE FINISHED FLOOR     |
| BHP | BRAKE HORSEPOWER         |
| BTU | BRITISH THERMAL UNIT     |
| CFM | CUBIC FEET PER MINUTE    |
| DB  | DRY BULB                 |
| EAT | ENTERING AIR TEMPERATURE |
| ESP | EXTERNAL STATIC PRESSURE |
| HZ  | FREQUENCY                |
| LAT | LEAVING AIR TEMPERATURE  |
| NC  | NOISE CRITERIA           |
| OA  | OUTSIDE AIR              |
| PSI | POUNDS PER SQUARE INCH   |
| RA  | RETURN AIR               |
| RTU | ROOFTOP UNIT             |
| SA  | SUPPLY AIR               |
| TYP | TYPICAL                  |
| WC  | WATER COLUMN             |
| WB  | WET BULB                 |

### GRILLES/DIFFUSERS:

|  |                                  |
|--|----------------------------------|
|  | SUPPLY DIFFUSER                  |
|  | SUPPLY DIFFUSER WITH 3-WAY THROW |
|  | SUPPLY DIFFUSER WITH 2-WAY THROW |
|  | SIDEWALL MOUNTED SUPPLY REGISTER |
|  | RETURN GRILLE                    |

### GENERAL REFERENCES/NOTATIONS:

|  |                                  |
|--|----------------------------------|
|  | MECHANICAL EQUIPMENT DESIGNATION |
|  | DIFFUSER DESIGNATION AND CFM     |
|  | NOTE DESIGNATION                 |
|  | REVISION DESIGNATION             |

### SYMBOLS LEGEND NOTES:

- REFER TO SPECIFICATIONS AND PLAN NOTES FOR DETAILED DESCRIPTION OF ALL DEVICES SHOWN IN THIS SCHEDULE, PROVIDED BY THIS CONTRACTOR.
- NOT ALL SYMBOLS AND/OR ABBREVIATIONS ARE NECESSARILY USED FOR THIS PROJECT.

## GENERAL NOTES

- CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS, INFORMATION REGARDING THE COMPLETE WORK IS DISPersed THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- PROVIDE TURNING VANES IN ALL SQUARE (90 DEGREE) ELBOWS.

## MECHANICAL SPECIFICATIONS

### DIVISION 15 SPECIFICATIONS

#### PART 1 - GENERAL

##### CONDITIONS

GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, SPECIAL CONDITIONS AND OTHER RELATED PORTION OF DIVISION 1, APPLY TO THIS SECTION.

##### SCOPE

FURNISH, INSTALL, TEST, GUARANTEE, AND PLACE INTO OPERATION, A COMPLETE, OPERABLE, AND APPROVED MECHANICAL SYSTEM, AS INDICATED OR DESCRIBED BY THE CONTRACT DOCUMENTS. SECURE AND PAY FOR ALL MATERIALS, EQUIPMENT, LABOR, SUPERVISORS, PERMITS, CERTIFICATES OF INSPECTION AND ALL OTHER COSTS REQUIRED.

##### REGULATIONS, PERMITS AND INSPECTIONS

REGULATIONS: COMPLY WITH ALL APPLICABLE CODES, RULES AND REGULATIONS, INCLUDING ALL BUILDING AND SAFETY LAWS RELATING TO BUILDING, PUBLIC HEALTH AND SAFETY.

CODES: ALL MATERIALS, EQUIPMENT AND WORK MUST BE CONFORM TO APPLICABLE CODES.

PERMITS: OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES.

INSPECTIONS: WHEN REQUIRED BY CODE, ALL WORK MUST BE INSPECTED AND APPROVED BY LOCAL AUTHORITIES. PRIOR TO FINAL APPROVAL, FURNISH THE ARCHITECT/OWNER WITH CERTIFICATES OF INSPECTION AND APPROVALS BY LOCAL AUTHORITIES.

##### DESIGN DRAWINGS

DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE ONLY INTENDED TO DEFINE THE BASIC FUNCTIONS REQUIRED. PROVIDE ALL WORK MATERIAL, ETC., NECESSARY TO ACCOMPLISH THESE REQUIREMENTS. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND ARE A PART OF THE WORK INCLUDED, HOWEVER, NO CHANGES THAT ALTER THE CHARACTER OF THE WORK WILL BE PERMITTED. DO NOT SCALE THE DESIGN DRAWINGS.

IF A CONFLICT OCCURS BETWEEN THE DESIGN DRAWINGS AND SPECIFICATIONS, PROMPTLY NOTIFY THE ARCHITECT OR ENGINEER. INTERPRETATION MADE SHALL BE CONSIDERED PART OF THE CONTRACT.

##### QUALIFICATION OF WORKMEN

USE SUFFICIENT JOURNEMEN CRAFTSMEN AND COMPETENT SUPERVISORS TO ENSURE PROMPT, PROPER, AND SAFE EXECUTION OF WORK.

##### SAFETY PRECAUTIONS

EXERCISE CAUTION AT ALL TIMES TO PROTECT ALL PERSONS AND PROPERTY. FURNISH A PLACE OF EMPLOYMENT WHICH IS FREE FROM RECOGNIZED HAZARDS THAT ARE LIKELY TO CAUSE DEATH OR SERIOUS INJURY OR HARM TO EMPLOYEES. FURNISH AND MAINTAIN GUARDS, RAILINGS, FENCES, CANOPIES, LIGHTS, WARNING SIGNS, ETC., WHICH ARE REQUIRED BY LAW OR NECESSARY TO PROTECT ALL PERSONS AND PROPERTY.

BE FAMILIAR WITH AND COMPLY WITH ALL APPLICABLE LOCAL/STATE CODES AND LAWS, AND IN PARTICULAR, THE CODES OF FEDERAL REGULATIONS, AS ADMINISTERED BY THE STATE.

#### PART 2 - PRODUCTS

##### GENERAL

UTILIZE NEW AND UNUSED PRODUCTS OF ESTABLISHED AND REPUTABLE AMERICAN AND FOREIGN MANUFACTURERS. ITEMS OF EQUIPMENT USED FOR SIMILAR PURPOSES SHALL BE PRODUCTS OF THE SAME MANUFACTURER.

SYSTEM SHALL BE COMPLETE AND OPERABLE. ANY ACCESSORIES REQUIRED FOR THE OPERATION OF THE SYSTEMS SHALL BE INCLUDED AS THOUGH SPECIFICALLY INDICATED TO BE PROVIDED. SUCH ACCESSORIES WOULD INCLUDE FILTERS, CONTROL PANELS, TIMECLOCKS, CONDENSATE DRAINS, RELIEF VALVES, SERVICE VALVES, THERMOSTATS, VIBRATION ISOLATORS, ETC. MOTOR STARTERS FOR PREWIRED EQUIPMENT (AND OTHER PROTECTION AND CONTROL DEVICES) ARE ALSO INCLUDED IN THIS SPECIFICATION. STARTERS FOR NON-PREWIRED EQUIPMENT, I.E. FANS, PUMPS, ETC., ARE SPECIFIED IN ELECTRICAL SHEET SPECIFICATIONS.

SPECIFIC REFERENCE TO A MANUFACTURER'S PRODUCT IS ONLY TO ESTABLISH TYPE, QUALITY, AND PERFORMANCE REQUIRED. THESE QUALIFICATIONS ARE IN ADDITION TO THE REQUIREMENTS SHOWN ON THE PLANS AND ELSEWHERE IN THESE SPECIFICATIONS. LISTING OF ALTERNATE EQUIPMENT MANUFACTURERS SHALL NOT BE CONSTRUED AS AN UNCONDITIONAL APPROVAL OF THE PRODUCTS OF THOSE MANUFACTURERS.

PROVIDE OPERATION AND MAINTENANCE DOCUMENTATION TO THE OWNER THAT INCLUDE EQUIPMENT CAPACITY AND REQUIRED MAINTENANCE ACTIONS.

##### EXHAUST FANS

CENTRIFUGAL TYPE WITH ADJUSTABLE BELT-DRIVEN OR DIRECT-DRIVEN DRIVE (AS INDICATED ON THE DRAWINGS), STATICALLY AND DYNAMICALLY BALANCED. CEILING OR ROOF MOUNTED AS INDICATED ON THE DRAWINGS.

##### DUCTWORK

SHEETMETAL DUCTWORK: PROVIDE SHEETMETAL DUCTWORK FABRICATED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS, FOR 1" W.G. PRESSURE CLASS, SEAL CLASS "A". SHEETMETAL SHALL BE GALVANIZED SHEET STEEL OF LOCK FORMING QUALITY, WITH 90 ZINC COATING. SHEET STEEL SHALL COMPLY WITH ASTM A653 STANDARD SPECIFICATION FOR STEEL SHEETMETAL, ZINC COATED (GALVANIZED) OR ZINC-IRON ALLOY-COATED (GALVANNEALED) BY THE HOT DIP PROCESS, AND A924 STANDARD SPECIFICATION FOR GENERAL REQUIREMENTS FOR SHEET, METALLIC-COATED BY THE HOT DIP PROCESS. ALL ANGLE IRON USED FOR SUPPORT SHALL BE GALVANIZED. CONNECTIONS TO WALLS OR FLOOR SHALL BE AIR TIGHT WITH ANGLE IRON AND CAULKING. SEAL ALL DUCT SEAMS, TRANSVERSE AND LONGITUDINAL, AIR TIGHT. PROVIDE TURNING VANES AT ALL 90° ELBOWS.

FLEXIBLE DUCT: PROVIDE FACTORY ASSEMBLED CLASS 1 AIR DUCT (UL 181) WITH 1" THICK 1 PCF FIBERGLASS INSULATION AND REINFORCED OUTER PROTECTIVE COVER/VAPOR BARRIER. FLEXIBLE DUCT SHALL MEET NFPA 90A WITH FLAME SPREAD UNDER 25, SMOKE DEVELOPED UNDER 50, AND SHALL BE RATED FOR MINIMUM 2" W.G. PRESSURE AND 0 TO 250°F TEMPERATURE. PROVIDE SCREW-OPERATED METAL ADJUSTABLE CLAMPING DEVICES. USE TWIST-LOCK TAP COLLARS AT CONNECTIONS INTO SHEETMETAL DUCTWORK. MAXIMUM EXTENDED LENGTH OF FLEXIBLE DUCT SHALL NOT EXCEED 6 FEET.

FLEXIBLE DUCT CONNECTORS: PROVIDE U.L. LABELED 30 OUNCE NEOPRENE COATED FIBERGLASS FABRIC DUCT CONNECTORS AT DUCT CONNECTIONS TO ALL VIBRATING EQUIPMENT.

DUCT TURNING VANES: PROVIDE FABRICATED TURNING VANES AND VANE RUNNERS, CONSTRUCTED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS". PROVIDE TURNING VANES CONSTRUCTED OF CURVED BLADES, SUPPORTED WITH BARS PERPENDICULAR TO BLADES, AND SET INTO SIDE STRIPS SUITABLE FOR MOUNTING IN DUCTWORK. FOLLOW SMACNA GUIDELINES FOR SPACING SUPPORT, AND CONSTRUCTION. ALL BLADES SHALL BE DOUBLE THICKNESS AIRFOIL TYPE.

##### DUCT INSULATION

DUCT INSULATION (ALL SUPPLY DUCT, ROUND RETURN, AND EXHAUST DUCT LOCATED ABOVE CEILING): PROVIDE MINIMUM 1-1/2" THICK BLANKET TYPE FIBERGLASS INSULATION COMPLYING WITH ASTM C-553, TYPE II, WITH FACTORY APPLIED KRAFT BONDED TO ALUMINUM FOIL, REINFORCED WITH FIBERGLASS VAPOR BARRIER/JACKET. JACKET SHALL CONFORM TO ASTM C-1136, TYPE II.

DUCT LINER (ALL RECTANGULAR RETURN DUCT AND EXPOSED RECTANGULAR SUPPLY DUCT): PROVIDE MINIMUM 1" THICK, 2 PCF DENSITY, NEOPRENE COATED, LONG TEXTILE FIBER TYPE DUCT LINER, WITH COATING ON THE AIR STREAM SIDE CONFORMING TO NFPA 90A. DUCT LINER ADHESIVE SHALL BE AS RECOMMENDED BY DUCT LINER MANUFACTURER, AND SHALL COMPLY WITH ASTM C-916. DUCT LINER FASTENERS SHALL COMPLY WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS", LATEST EDITION.

##### FLUE VENTS

PROVIDE TYPE 'B' VENTS WHERE REQUIRED. EXTEND UP THROUGH ROOF AND TERMINATE WITH ROOF JACK, STORM COLLAR AND ALL WEATHER CAP. TERMINATE PER CODE, A MINIMUM OF 36" ABOVE ANY INTAKE WITHIN 10'-0". APPLY RTV SILICONE ADHESIVE SEALANT LIBERALLY AT ALL VENT PIPE JOINTS AND 1" (25MM) THICK PIPE INSULATION WRAPPED AROUND SINGLE WALL SHEET METAL VENT PIPE PER MANUFACTURER REQUIREMENTS.

##### PIPING

##### GENERAL

##### PIPE HANGERS

PIPING 4" AND SMALLER: USE ADJUSTABLE SPLIT RING, AUTOGRIP OR ADJUSTABLE STEEL CLEVIS HANGERS WITH THREADED SOLID STEEL HANGER RODS.

GROUPED PIPING; TRAPEZE TYPE HANGERS WITH ROLLERS MAY BE USED WHERE 2 OR MORE PIPES RUN PARALLEL TO EACH OTHER. SUBMIT SHOP DRAWINGS OF ALL TRAPEZE HANGERS FOR APPROVAL BEFORE PROGRESSING WITH ANY WORK.

SIZE ALL HANGERS ON INSULATED PIPING TO FIT OUTSIDE COVERING.

##### HANGER ROD SIZES:

| PIPE SIZES:           | ROD DIAMETER (INCHES) |
|-----------------------|-----------------------|
| 2 INCHES AND SMALLER  | 3/8"                  |
| 2-1/2 INCH AND 3 INCH | 1/2"                  |
| 4 INCH                | 5/8"                  |

##### HANGER ROD SPACING (HORIZONTAL PIPING):

| PIPE                                 | MAX. HANGER SPACING |
|--------------------------------------|---------------------|
| STEEL PIPE 3/4 INCH AND SMALLER      | 6 FEET ON CENTER    |
| STEEL PIPE 1 INCH                    | 8 FEET ON CENTER    |
| STEEL PIPE 1-1/4 INCH THRU 4 INCH    | 10 FEET ON CENTER   |
| COPPER TUBING 1-1/4 INCH AND SMALLER | 6 FEET ON CENTER    |
| COPPER TUBING 1-1/2 INCH AND LARGER  | 8 FEET ON CENTER    |

##### INSTALLATION OF HANGERS AND SUPPORTS:

PROVIDE HANGERS AT ALL OFFSETS, TEES, WITHIN 12" OF ALL HORIZONTAL ELBOWS, AND ELSEWHERE AS HEREIN DESCRIBED.

##### PIPE INSULATION

HVAC PIPING: 1/2" FIBERGLASS PREMOULDED INSULATION WITH ALL SERVICE JACKETS, MINIMUM DENSITY OF 3.5 PCF THERMAL CONDUCTIVITY ("K" FACTOR) OF .24 AT A MEAN TEMPERATURE OF 85 DEGREE FAHRENHEIT PROVIDE AN ADDITIONAL 8 OZ. CANVAS JACKET WITH ARABOL FINISH AROUND EXPOSED PIPE INSULATION.

DO NOT INSULATE FREQUENTLY SERVICED COMPONENTS, SUCH AS CONTROL VALVES, STEAM TRAPS, PUMPS, ETC. ALSO DO NOT INSULATE ADJACENT SERVICE UNIONS AND FLANGES. TERMINATE INSULATION WITH 45 TAPER AND CANVAS JACKET.

CLEAN-UP: ALL UNINSULATED FITTINGS, MATERIALS, EQUIPMENT AND STRUCTURES SHALL BE LEFT FREE AND CLEAR OF INSULATING AND COATING MATERIALS.

##### GRILLES, REGISTERS, AND DIFFUSERS

DIFFUSERS: RECTANGULAR FIXED PATTERN TYPE (FACE PATTERN SHALL BE SELECTED TO SUIT AIR PATTERN REQUIRED). REMOVABLE CORE/OPOSED BLADED VOLUME CONTROL/ENAMEL FINISH.

RETURN AIR FILTER GRILLES: FIXED BARS AT APPROXIMATELY 40 DEGREES, WITH HINGED FACE, OR PERFORATED PLATE TO MATCH SUPPLY DIFFUSER, OR 1/2" X 1/2" X 1/2" "EGGCRATE". ALUMINUM OR ENAMELED STEEL.

AIR DISTRIBUTION DEVICES SHALL BE SELECTED AND SIZED IN ACCORDANCE WITH THE REQUIREMENTS OF EACH APPLICATION. DEVICES, GENERALLY, SHALL PROVIDE UNIFORM, DRAFT-FREE, AND QUIET AIR DISTRIBUTION. ALL DEVICES SHALL HAVE RIGID FRAMES, COMPATIBLE WITH THE SURFACE OR STRUCTURE. DEVICES SHALL BE MANUFACTURED BY KRUEGER, TITUS, METALAIRE OR TUTTLE & BAILEY.

##### TEMPERATURE CONTROLS AND WIRING

WIRING IS INCLUDED UNDER THE ELECTRICAL DIVISION OF THE SPECIFICATIONS BUT ALL INTEGRAL STARTERS, CONTROLS (INCLUDING THERMOSTAT WIRING), RELAYS AND OTHER DEVICES ARE INCLUDED UNDER THE MECHANICAL DIVISION. ALL EQUIPMENT, DEVICES AND WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE. ALL CONTROLS SHALL BE FURNISHED AND PROPERLY IDENTIFIED WITH INSTRUCTIONS FOR PROPER CONNECTIONS, RESPONSIBILITY FOR PROPER CONNECTIONS AND OPERATION IS INCLUDED UNDER THE MECHANICAL CONTRACTORS RESPONSIBILITY. VERIFY ALL VOLTAGES, PHASES AND ELECTRICAL CONNECTIONS WITH THE ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT, AND IF ANY DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR HIS DECISION.

##### AIR SYSTEM BALANCING

GENERAL: THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT, CONDUCTED AND PREPARED BY A QUALIFIED THIRD PARTY, OF HEATING, VENTILATING, AND AIR MOVING EQUIPMENT AND AIR DISTRIBUTING OR EXHAUSTING SYSTEMS.

MATERIALS: ALL INSTRUMENTS USED BY THIS AGENCY SHALL BE ACCURATELY CALIBRATED AND MAINTAINED IN GOOD WORKING ORDER. IF REQUESTED, CONDUCT THE TESTS IN PRESENCE OF THE ARCHITECT AND/OR THE MECHANICAL ENGINEER RESPONSIBLE FOR THE PROJECT AND/OR HIS REPRESENTATIVE. DO NOT BEGIN AIR BALANCING AND TESTING UNTIL SYSTEM HAS BEEN COMPLETED AND IS IN FULL WORKING ORDER. PUT ALL HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS AND EQUIPMENT INTO FULL OPERATION AND CONTINUE THE OPERATION OF SAME DURING EACH WORKING DAY OF TESTING AND BALANCING OF THE AIR CONDITIONING, HEATING AND VENTILATING SYSTEMS. THE AIR BALANCE AGENCY SHALL PROVIDE PROOF OF HAVING SUCCESSFULLY COMPLETED AT LEAST FIVE PROJECTS OF SIMILAR SIZE AND SCOPE AND SHALL BE A CERTIFIED MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL OR NEBB. SUBMIT THE TEST AND BALANCE CONTRACT TO THE ARCHITECT FOR APPROVAL WITHIN 90 DAYS AFTER THE AIR CONDITIONING CONTRACTOR HAS RECEIVED HIS CONTRACT TO PROCEED WITH THE AIR CONDITIONING INSTALLATION TO ALLOW AIR BALANCE AGENCY TO SCHEDULE HIS WORK IN COOPERATION WITH OTHER TRADES INVOLVED, AND COMPLY WITH THE COMPLETION DATE.

AIR BALANCING: UPON COMPLETION OF THE AIR CONDITIONING SYSTEM, THE AIR BALANCE AGENCY SHALL PERFORM THE TEST, COMPIL THE TEST DATA, AND SUBMIT FIVE (5) COPIES OF THE COMPLETE TEST DATA TO THE ENGINEERS FOR EVALUATION AND APPROVAL. AIR BALANCE AGENCY SHALL BALANCE PROJECT TO JOBSITE CONDITIONS WHICH INCLUDES BUT IS NOT LIMITED TO SUPPLYING AND

CHANGING OUT BELTS AND/OR PULLEYS AS NECESSARY.

#### PART 3 - EXECUTION

##### GENERAL

INSTALL MATERIALS AND EQUIPMENT IN AN ARRANGEMENT WHICH WILL GIVE THE GREATEST PRACTICAL EASE OF OPERATION AND SERVICE BY THE OWNER. MAKE NO EQUIPMENT SUBSTITUTIONS WHICH WOULD LEAVE INADEQUATE OPERATING AND/OR SERVICING SPACE.

INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS AND ALL MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES.

PERFORM ALL WORK IN ACCORDANCE WITH THE BEST TRADE PRACTICES. INSTALL ALL MATERIALS AND EQUIPMENT SQUARELY WITH THE BUILDING LINES. PROVIDE SILICONE, RIGID, PERMANENT BASES AND SUPPORTS FOR ALL WORK.

CONSTRUCT AND BRACE EQUIPMENT, PIPING, ETC., SO THAT THERE WILL BE NO VIBRATION OR RATTLING WHEN THE SYSTEM IS IN OPERATION.

COVER AND PROTECT ALL EQUIPMENT AND MATERIALS FROM WEATHER, THEFT, ETC., UNTIL DATE OF COMPLETION. PLUG OR CAP ALL OPEN ENDS OF INSTALLED PIPING OR DUCTWORK.

##### DUCTWORK

CONSTRUCT DUCTWORK WITH MATERIAL GAUGES, JOINTS, BRACING AND SUPPORTS IN ACCORDANCE WITH APPLICABLE RECOMMENDATIONS OF ASHRAE AND SMACNA, WITH ADDITIONAL BRACING AS REQUIRED.

DUCTWORK SHALL BE RIGIDLY CONSTRUCTED AND AIR TIGHT. JOINTS SHALL BE TIGHTLY FITTED WITH NO VOIDS. MINOR GAPS SHALL BE CLOSED WITH CANVAS TAPE SET INTO AND SEALED WITH BRUSH APPLIED ADHESIVE, OR WITH SILICONE CAULKING COMPOUND. DO NOT UTILIZE PRESSURE SENSITIVE TAPE.

SEAL ALL JOINTS OF DUCTWORK ABOVE ROOF WITH GLASS FIBER TAPE EMBEDDED IN ROOFING CEMENT. APPLY SECOND COAT OF CEMENT AFTER FIRST HAS SET AND FINISH WITH TWO COATS OF ALUMINUM ROOFING PAINT.

MAKE CONNECTIONS BETWEEN FLEXIBLE DUCTS AND RIGID TRUNK DUCTS WITH FACTORY FABRICATED FITTINGS WITH DAMPER (WHERE "TAP-INS" SERVE SINGLE OUTLETS, AND WHERE TAP-IN DAMPER IS ACCESSIBLE, OUTLET DAMPER MAY BE OMITTED).

ELBOWS SHALL HAVE A THROAT RADIUS EQUAL TO DUCT WIDTH. SQUARE ELBOWS SHALL HAVE TURNING VANES. TRANSITIONS SHALL NOT EXCEED 4 TO 1 RATIO.

IF OBSTRUCTIONS REQUIRE A CHANGE IN DUCT SHAPES, MAINTAIN EQUIVALENT AREAS. ALL SIZES SHOWN ON THE DRAWINGS ARE NET DIMENSIONS INSIDE THE INSULATION.

##### AIR DISTRIBUTION DEVICES

INSTALL TIGHTLY AND SQUARE WITH BUILDING LINES. FLANGED DEVICES SHALL BE SEALED AIR TIGHT WITH SPONGE RUBBER GASKETS. ADJUST BLADES AND DAMPERS FOR PROPER AIR DISTRIBUTION. VERIFY EXACT POSITIONING OF ALL EQUIPMENT WITH ARCHITECTURAL DRAWINGS AND NOTES.

##### PIPING

CONCEAL ALL PIPING IN WALLS, FURRED SPACES, PIPE SPACES, OR ABOVE SUSPENDED CEILING, AS SHOWN ON THE DRAWINGS. GROUP PIPING WHENEVER PRACTICAL AND INSTALL UNIFORMLY IN STRAIGHT PARALLEL LINES, SQUARELY WITH BUILDING LINES.

PROVIDE ADEQUATE SPACE BETWEEN PIPES SO THAT INSULATION MAY BE APPLIED WHERE NECESSARY. INSTALL ALL EXPOSED PIPING AS CLOSE AS PRACTICAL TO WALLS, COLUMNS, OR OVERHEAD CONSTRUCTION TO PROVIDE MAXIMUM HEAD ROOM AND MINIMUM INTERFERENCE WITH USABLE BUILDING SPACE.

VERIFY ALL EQUIPMENT DIMENSIONS AND REQUIREMENTS FOR ROUGH-IN WORK. BENDING OR OFFSETTING OF FINISHED PIPING CONNECTIONS AND "COCKING" OF FITTINGS OR TRIM WILL NOT BE ACCEPTABLE. DO NOT SUPPORT ANY PIPING WEIGHT FROM EQUIPMENT.

SUPPORT HORIZONTAL PIPING WITH PIPE HANGERS. DO NOT USE PERFORATED METAL TAPE. ARRANGE PIPING SO THAT THERMAL EXPANSION DOES NOT CAUSE STRESS. INSTALL AND SECURE PIPING SO THAT HOT AND COLD LINES, AND LINES OF DISSIMILAR METALS ARE NOT IN CONTACT.

##### ROUGH-IN AND FINAL CONNECTIONS

PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR ALL FIXTURE AND EQUIPMENT REQUIREMENTS. THE CONTRACT DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF THE REQUIRED ROUGH-IN, HOWEVER, ALL DETAILS AND DIMENSIONS SHALL BE DETERMINED FROM INFORMATION OBTAINED FROM THE SUPPLIER OF THE ITEM. THIS REQUIREMENT APPLIES EQUALLY TO EQUIPMENT FURNISHED BY OWNER OR OTHER CONTRACTORS.

##### FOAM INSULATION:

COVER TRANSVERSE JOINTS AND LARGER TEARS OR PENETRATIONS WITH 4" WIDE TAPE. SECURE LAP OF FACING AND TAPE WITH FULL COVERAGE OF ADHESIVE AND OUTWARD CLUNG STAPLES. INSULATE FITTINGS WITH MITERED SECTIONS OF PIPE INSULATION. NOTE: IF PRESSURE SENSITIVE ADHESIVE IS UTILIZED, LAPS SHALL BE SECURED WITH METAL BANDS AT 18" CENTERS.

INSULATE FITTINGS WITH MITERED SECTIONS OF PIPE INSULATION, PREMOULDED FITTINGS, OR WRAP WITH FIBERGLASS WOOL TO A THICKNESS EQUAL TO THE ADJOINING PIPE INSULATION. SECURE INSULATION WITH MULTIPLE WRAPS OF GLASS OR JUTE TWINE. SMOOTH OUT SURFACE WITH 1/8 FOSTER 60-25 MASTIC. WHILE MASTIC IS STILL WET, EMBED A GLASS MEMBRANE FABRIC AND THEN APPLY AN ADDITIONAL 1/8" COAT OF MASTIC.

COVER ALL EXPOSED INSULATION AND ALL INSULATED FITTINGS WITH 8 OUNCE CANVAS JACKET. (FOUR OUNCE CANVAS MAY BE USED ON FITTINGS 1-1/2" AND SMALLER). SATURATE CANVAS WITH FOSTER 30-36 COATING, DILUTED WITH WATER, ONE PART WATER TO THREE PARTS COATING. APPLY CANVAS SMOOTHLY WITH LAP PLACED NEXT TO WALL OR CEILING AND FINISH WITH A FINAL COAT OF UNDILUTED COATING. FINAL COATING SHALL BE OF SUFFICIENT THICKNESS TO FILL ALL LAPS AND CLOTH TEXTURE. PROTECT INSULATION OUTDOORS WITH AN 0.016" THICK ALUMINUM JACKET WITH 2" LAPS AND SECURED WITH BANDS ON 12" CENTERS.

FLEXIBLE FOAM: SLIP INSULATION OVER PIPING PRIOR TO ASSEMBLY. DO NOT SLIT INSULATION LENGTHWISE. SOLVENT WELD ALL JOINTS. DO NOT USE TAPE TO SECURE INSULATION.

##### EXISTING CONDITIONS

THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE SITE FOR WORK HE MUST PERFORM, IN ADDITION TO WHAT IS SHOWN HEREIN, AND INCLUDE IN HIS BID AN AMOUNT TO DO SUCH WORK.

##### SUBSTITUTIONS

SUBMITTAL OF EQUIPMENT BY OTHER ACCEPTABLE MANUFACTURERS MUST BE COMPLETE IN EVERY DETAIL INCLUDING SPACE REQUIREMENTS, WEIGHT, COMPLETE PERFORMANCE DATA AND SUPPLEMENTAL DATA REQUIREMENTS DETAILED IN THIS AND OTHER SECTIONS, WILL FIT SPACE AS SHOWN ON THE DRAWINGS.

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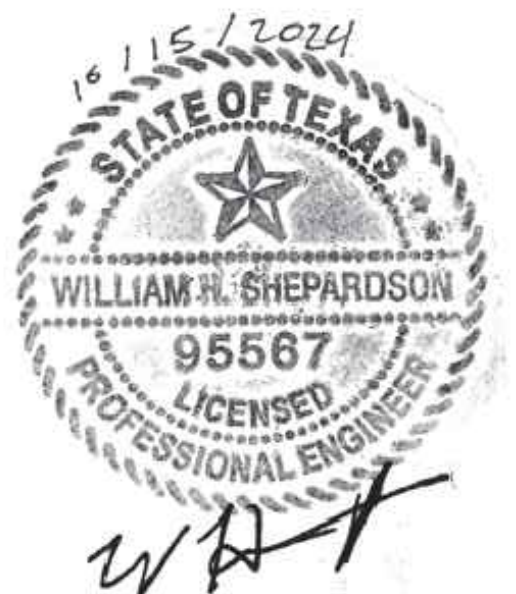
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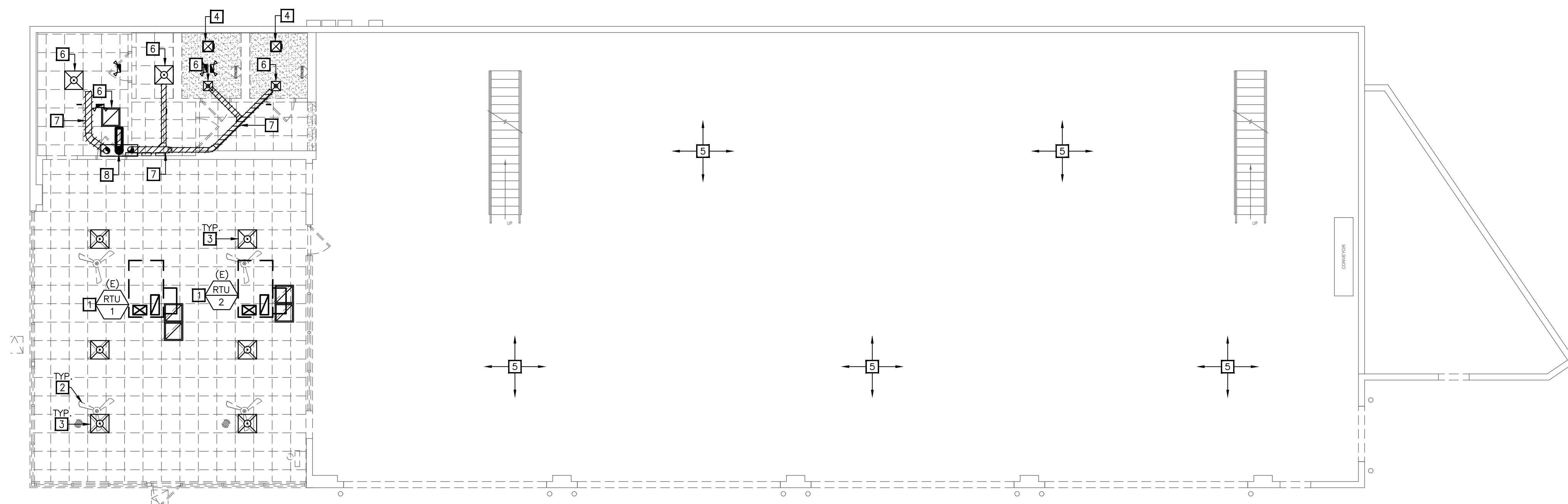
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| DATE           | 10/08/2024 |
| DRAWN BY       | KML        |
| CHECKED BY     | WHS        |

SHEET NAME  
MECHANICAL SPECIFICATIONS

SHEET #  
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MECHANICAL DEMOLITION KEY NOTES

- 1 EXISTING ROOFTOP UNIT TO REMAIN. VERIFY EXACT SIZE AND LOCATION OF EQUIPMENT IN FIELD PRIOR TO BID.
- 2 REMOVE EXISTING CEILING FAN.
- 3 REMOVE EXISTING AIR DEVICE. MAINTAIN AND PROTECT ASSOCIATED BRANCH DUCTWORK FOR FUTURE CONNECTION.
- 4 REMOVE EXISTING EXHAUST FAN. MAINTAIN AND PROTECT ASSOCIATED BRANCH DUCTWORK FOR FUTURE CONNECTION.
- 5 NO WORK IN THIS AREA.
- 6 REMOVE EXISTING AIR DEVICE. REMOVE ASSOCIATED BRANCH DUCT BACK TO MAIN AND CAP.
- 7 DEMO EXISTING SUPPLY BRANCH DUCTWORK BACK TO SUPPLY DROP IN CHASE. SEE SHEET M2.0 FOR NEW DUCTWORK LOCATION.
- 8 DEMO EXISTING RETURN BRANCH DUCTWORK AND RETURN DUCT DROP COMPLETELY AND CAP BACK AT EXISTING RETURN MAIN.




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

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| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | KML        |
| CHECKED BY     | WHS        |

SHEET NAME  
 MECHANICAL DEMOLITION PLANS

SHEET #  
 M1.0

**MECHANICAL KEY NOTES**

- 1 EXISTING ROOFTOP UNIT & ASSOCIATED DUCTWORK TO REMAIN. VERIFY EXACT LOCATION OF EQUIPMENT & DUCT IN FIELD PRIOR TO BID.
- 2 RELOCATE EXISTING CEILING TEMPERATURE SENSOR. VERIFY OPERATION OF ALL CONTROLS AND REPLACE IF REQUIRED.
- 3 RELOCATE EXISTING T'STAT TO LOCATION SHOWN. EXTEND NEW CONTROL WIRING FROM SENSORS TO T'STAT AND RTU AS/IF REQUIRED.
- 4 COORDINATE WITH ELECTRICAL CONTRACTOR AND INSTALL SALES AREA CEILING FANS. REFER TO ARCHITECTURAL PLANS AND DETAILS.
- 5 INSTALL NEW AIR DEVICE IN CEILING GRID. REWORK EXISTING FLEX DUCT AS/IF REQUIRED TO CONNECT TO AIR DEVICE. REBALANCE AIR QUANTITIES AS/IF REQUIRED. VERIFY LOCATION OF EXISTING DUCTWORK IN FIELD PRIOR TO BID.
- 6 INSTALL NEW EXHAUST FAN IN GYPSUM CEILING. REWORK FLEX DUCT AS/IF REQUIRED TO CONNECT TO EXHAUST FAN. VERIFY LOCATION IN FIELD PRIOR TO BID.
- 7 INSTALL OWNER FURNISHED CEILING MOUNTED EXHAUST FAN. TRANSITION FROM FAN DISCHARGE TO DUCT SIZE SHOWN AND EXTEND UP THROUGH CHASE TO ROOF. CONTRACTOR TO VERIFY DUCT SIZE SHOWN IS CAPABLE OF FITTING THROUGH EXISTING CHASE. PROVIDE A ROOF JACK, STORM COLLAR, AND ALL-WEATHER CAP.
- 8 UNDERCUT DOOR 1" FOR TRANSFER AIR.
- 9 ARCHITECTURAL PROVIDED DOOR LOUVER. REFER TO ARCHITECTURAL DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- 10 EXTEND AND CONNECT NEW SUPPLY BRANCH INTO EXISTING SUPPLY DROP IN THIS AREA. VERIFY EXACT SIZE AND LOCATION OF EXISTING SUPPLY IN FIELD PRIOR TO BID.
- 11 EXTEND AND CONNECT NEW RETURN BRANCH INTO EXISTING RETURN DROP IN THIS AREA. VERIFY EXACT SIZE AND LOCATION OF EXISTING RETURN IN FIELD PRIOR TO BID.

**GENERAL NOTES**

- A. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- B. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- C. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- D. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- E. PROVIDE TURNING VANES IN ALL SQUARE (90 DEGREE) ELBOWS.

**THERMOSTAT PROGRAMMING**

PROGRAM SHOWROOM AND OFFICE THERMOSTATS AS FOLLOWS:

**COOLING**  
 MONDAY THROUGH SATURDAY 5:30 AM TO 7:00 PM = 72°F.  
 (SETBACK TO 82°F OTHERWISE).

**HEATING**  
 MONDAY THROUGH SATURDAY 5:30 AM TO 7:00 PM = 67°F.  
 (SETBACK TO 57°F OTHERWISE).

**OWNER FURNISHED EQUIPMENT**

THE FOLLOWING HVAC COMPONENTS SHALL BE FURNISHED BY OWNER, AND INSTALLED BY THE MECHANICAL CONTRACTOR. CONTRACTOR SHALL PROVIDE ONE YEAR LABOR WARRANTY ON ALL OWNER FURNISHED EQUIPMENT:

- ALL EXHAUST AND VENTILATION FANS
- ALL PROGRAMMABLE THERMOSTATS AND REMOTE SENSORS
- ALL SUPPLY AND CEILING FANS (HVL'S FANS INSTALLED BY OTHERS)

THE OWNER SHALL FURNISH ALL ACCESSORIES LISTED IN THE EQUIPMENT SCHEDULES. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ACCESSORIES, MOUNTING HARDWARE, AND OTHER APPURTENANCES REQUIRED FOR INSTALLATION AND NOT LISTED IN THE SCHEDULES.

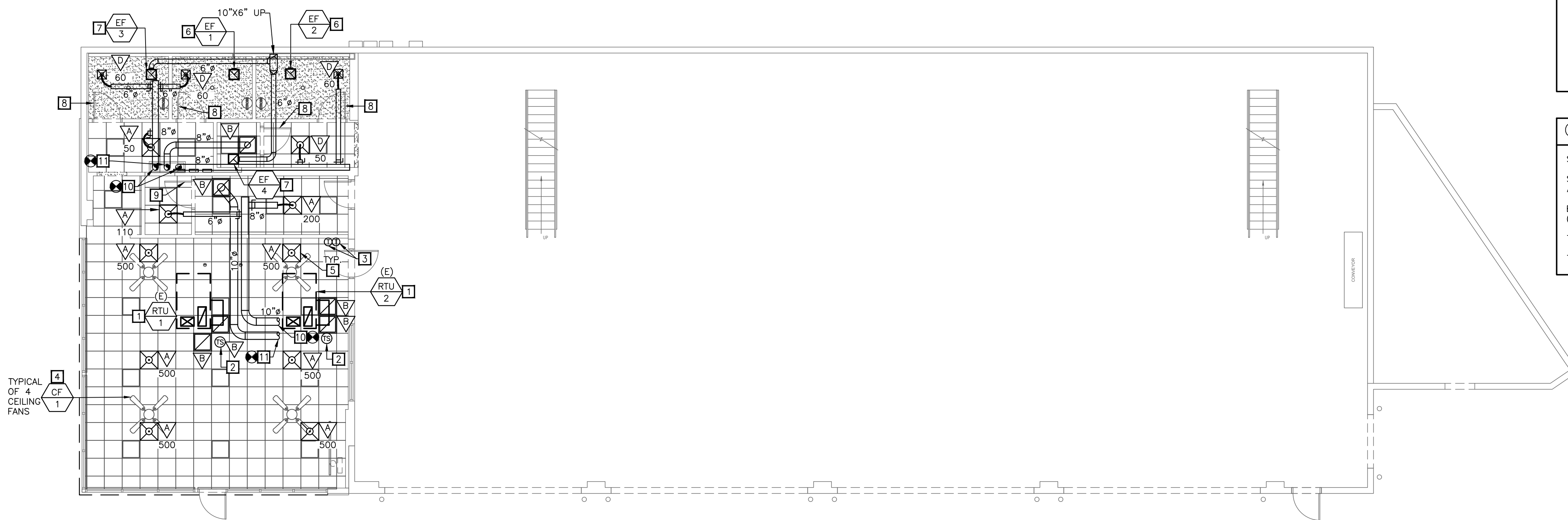
**OUTDOOR AIR CALCS - 2018 IMC**

SALES = 1207 SQUARE FEET

- SALES VENTILATION RATE:
- A. 15 PERSONS PER 1000 SF = 1,207 X 15 = 19 PERSONS.  
 19 PERSONS X 7.5 CFM EACH = 143 CFM REQUIRED.
  - B. 1207 SF X 0.12 CFM PER SF = 145 CFM REQUIRED.  
 (A + B)/0.8 = 360 CFM REQUIRED.

TOTAL REQUIRED FOR SALES = 360 CFM.

TOTAL OUTDOOR AIR PROVIDED (RTU-1 & 2) = 360 CFM.

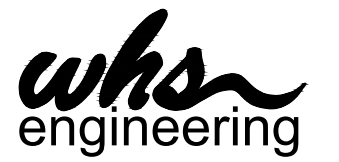


**01 FIRST FLOOR MECHANICAL PLAN**  
 1/8" = 1'-0"  
 NORTH TRUE

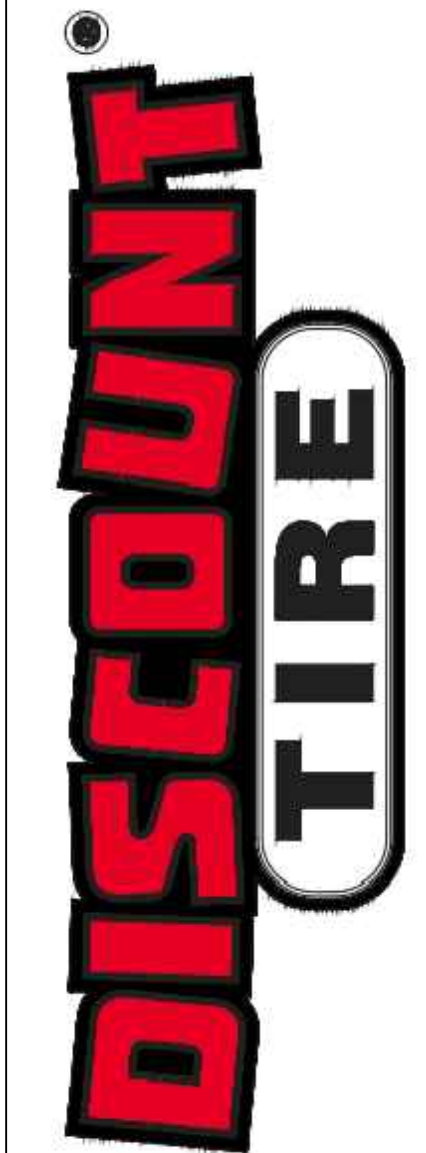
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PROJECT NUMBER DT10773

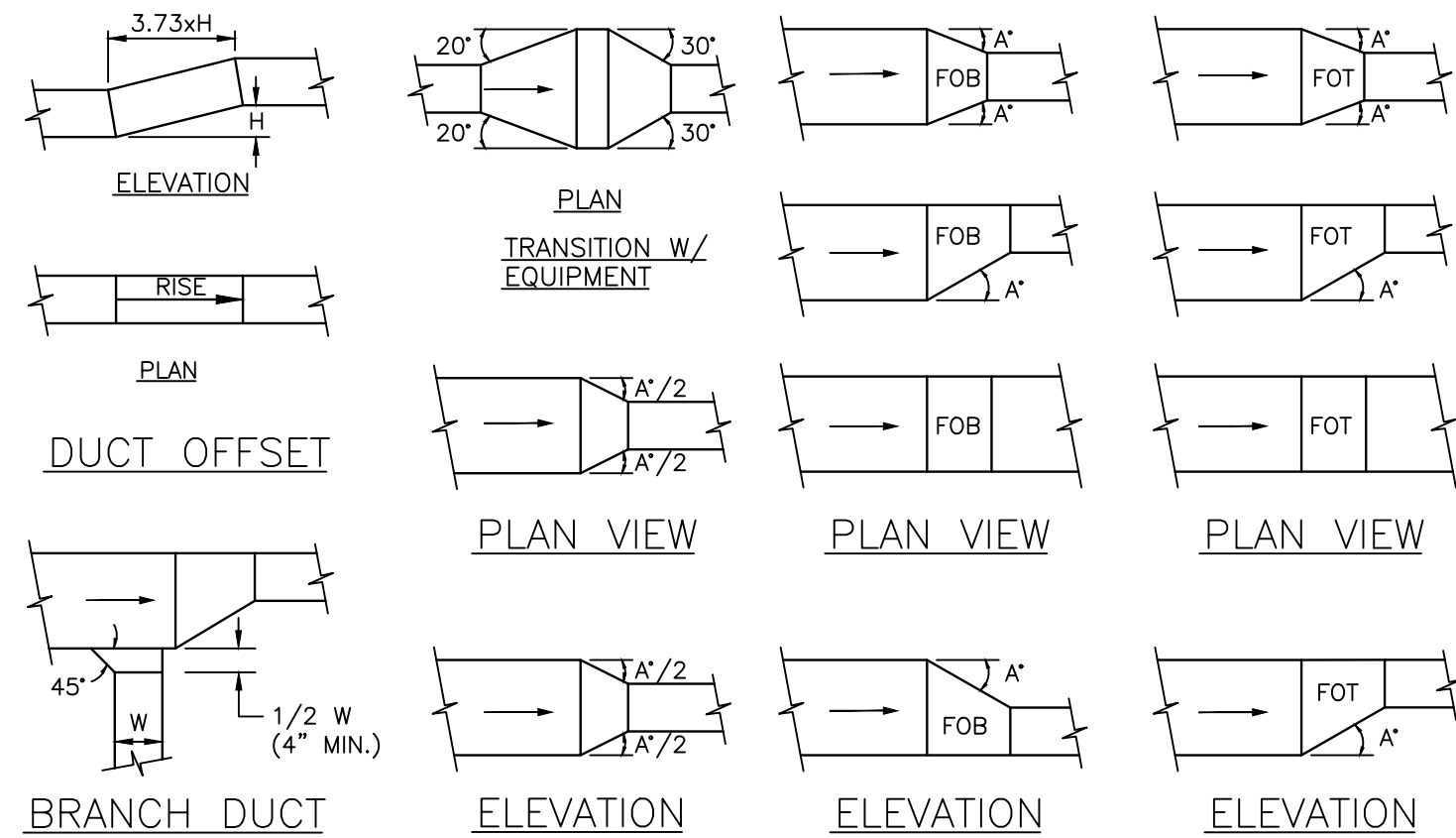
DATE 10/08/2024

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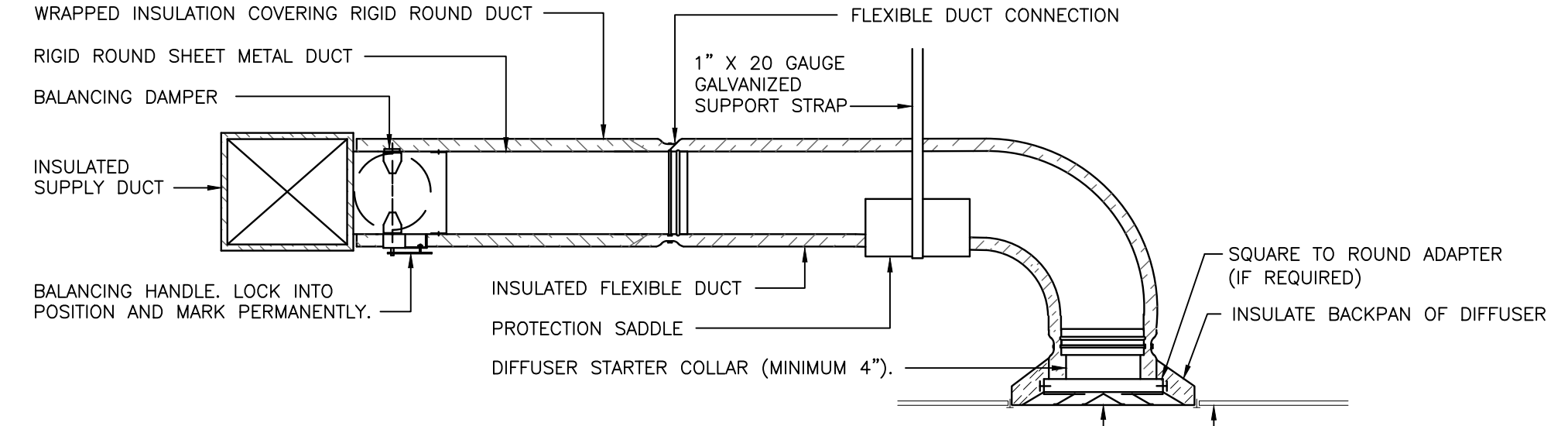
SHEET NAME  
 MECHANICAL PLAN

SHEET #  
 M2.0



NOTES: 1) ANGLE A = 30° WHEN AIR FLOWS IN DIRECTION OF ARROW (SUPPLY AIR).  
 2) ANGLE A = 20° WHEN AIR FLOWS IN OPPOSITE DIRECTION OF ARROW (RETURN OR EXHAUST).

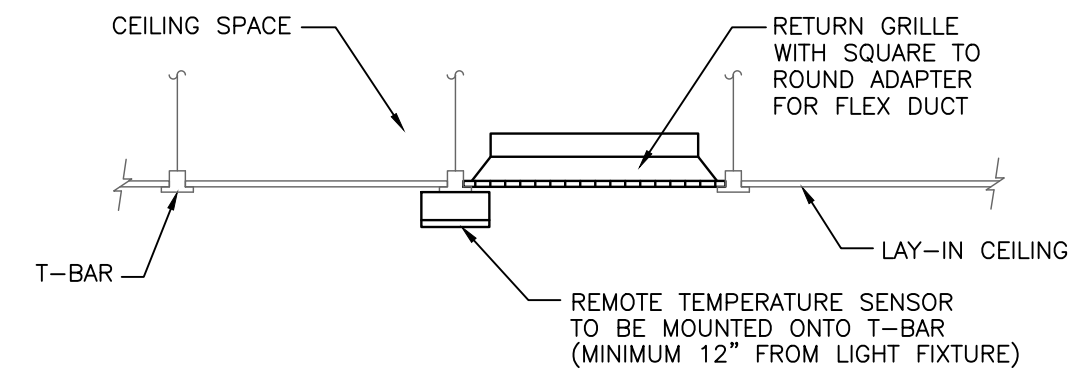
01 LOW VELOCITY DUCT FITTINGS DETAIL  
 NOT TO SCALE



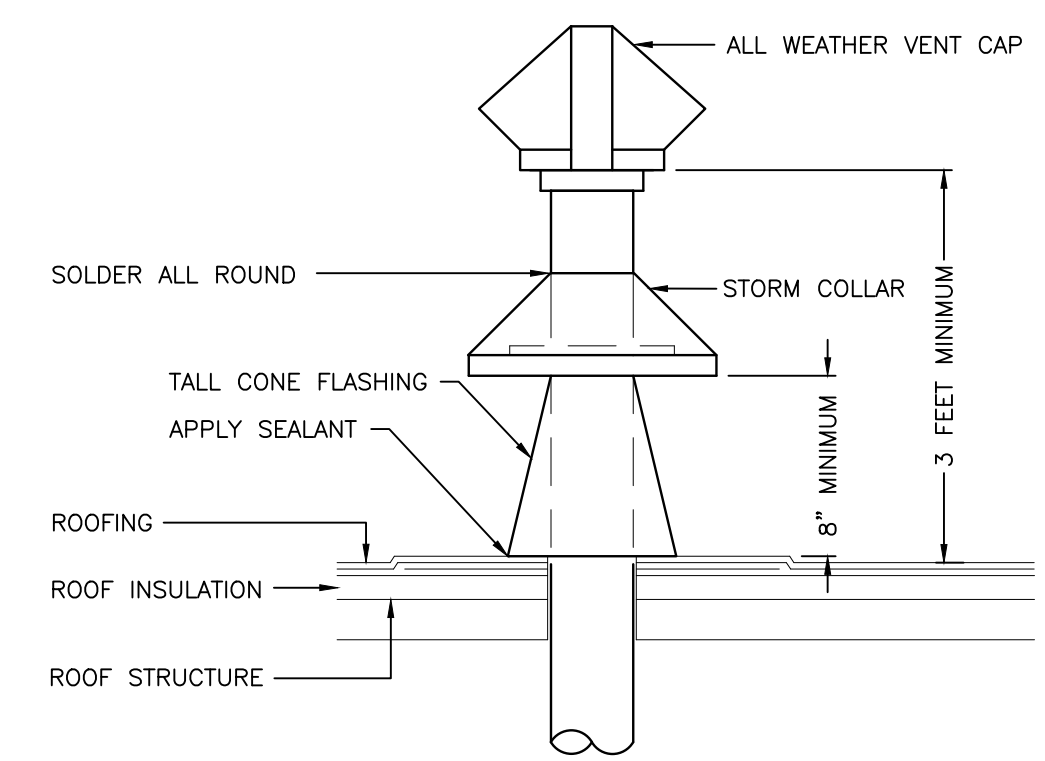
NOTES: 1) PROVIDE METAL OR "PANDUIT" DRAW BAND AT FLEXIBLE DUCT CONNECTION ON INTERIOR FLEXIBLE DUCT HELIX. SECURE INSULATION OVER DRAW BAND WITH ADDITIONAL DRAW BAND.  
 2) PROVIDE BEADING ON ROUND METAL DUCT 12" OR LARGER IN DIAMETER.  
 3) PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.  
 4) BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

FLEXIBLE DUCTS SHALL NOT EXCEED 6'-0" IN LENGTH.

02 DIFFUSER CONNECTION DETAIL  
 NOT TO SCALE



03 TEMPERATURE SENSOR MOUNTING DETAIL  
 REFER TO SHEET M1.0



04 EXHAUST DUCT ROOF DETAIL  
 NOT TO SCALE

EXISTING ROOFTOP UNIT SCHEDULE

|                      |          |
|----------------------|----------|
| MARK(RTU-#)          | 1,2      |
| MANUFACTURER         | CARRIER  |
| MODEL                | 50HJ006  |
| AIR FLOW (CFM)       | 1,950    |
| OA FLOW (CFM)        | 100      |
| AMBIENT OAT (°F)     | -        |
| EXT. S.P. (IN W.C.)  | -        |
| DX COOLING COIL      | -        |
| EAT (°FDB/WB)        | -        |
| TOTAL (BTU/HR)       | -        |
| SENSIBLE (BTU/HR)    | -        |
| ELECTRIC AUX HEAT    | -        |
| FUEL                 | ELECTRIC |
| INPUT (WATTS)        | -        |
| OUTPUT (BTU/HR)      | -        |
| ELECTRICAL           | -        |
| VOLTS/Ø/HZ           | 208/3/60 |
| MOTOR (HP)           | -        |
| MCA (AMPS)           | -        |
| MOCF (AMPS)          | -        |
| APPROX. WEIGHT (LBS) | -        |
| EER/SEER             | -        |
| NOTES                | 1        |

NOTES:  
 1. EXISTING ROOFTOP UNIT TO REMAIN.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

| MARK                 | A           | B                               | D           |
|----------------------|-------------|---------------------------------|-------------|
| MANUFACTURER         | TITUS       | TITUS                           | TITUS       |
| MODEL                | OMNI        | 50FF                            | OMNI        |
| TYPE                 | PLAQUE FACE | EGGCRATE FILTERED RETURN GRILLE | PLAQUE FACE |
| NECK SIZE (L'XW')    | PER PLAN    | 22"X22"                         | PER PLAN    |
| FACE SIZE (L'XW')    | 24"X24"     | 24"X24"                         | 12"X12"     |
| FRAME TYPE           | LAY-IN      | LAY-IN                          | LAY-IN      |
| FINISH               | SEE NOTES   | SEE NOTES                       | SEE NOTES   |
| NOISE CRITERIA LEVEL | <30         | <30                             | <30         |
| ACCESSORIES          | -           | STR                             | OBDD, TRM   |
| NOTES                | 1,4         | 1,2,4                           | 1,4         |

ACCESSORIES:  
 OBDD-OPPOSED BLADE DAMPER, STR-SQUARE TO ROUND TRANSITION, TRM-RAPID MOUNT FRAME

NOTES:  
 1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.  
 2. PROVIDE NEW PLEATED 1" THICK THROWAWAY FILTERS, AND REPLACE AT START UP.  
 3. NOT USED.  
 4. AIR DEVICE COLOR TO MATCH CEILING COLOR BEING INSTALLED IN. AIR DEVICE SHALL BE BLACK IF INSTALLED IN BLACK CEILING. SEE ARCHITECTURAL DRAWINGS FOR CEILING COLORS.

EXHAUST AND VENTILATION FAN SCHEDULE

| MARK(EF-#)                | 1,2,3     | 4                |
|---------------------------|-----------|------------------|
| MANUFACTURER              | BROAN     | BROAN            |
| MODEL                     | L100      | L100             |
| TYPE                      | CEILING   | CEILING          |
| DRIVE TYPE                | DIRECT    | DIRECT           |
| PERFORMANCE               | -         | -                |
| AIR FLOW (CFM)            | 80        | 80               |
| EXTERNAL STATIC (IN W.C.) | 0.375     | 0.375            |
| FAN SPEED (RPM)           | 640       | 640              |
| ELECTRICAL                | -         | -                |
| VOLTS/Ø/HZ                | 120/1/60  | 120/1/60         |
| FAN MOTOR HP              | -         | -                |
| FAN MOTOR WATTS           | 87        | 87               |
| ACCESSORIES               | BD,DP     | BD,DP            |
| APPROX. WEIGHT (LBS)      | 25        | 25               |
| SERVES                    | RESTROOMS | JANITOR'S CLOSET |
| NOTES                     | 1         | 1                |

ACCESSORIES:  
 BD-BACKDRAFT DAMPER, DP-DISCONNECT PLUG

NOTES:  
 1. MOTOR PROVIDED WITH INTERNAL THERMAL OVERLOAD PROTECTORS.

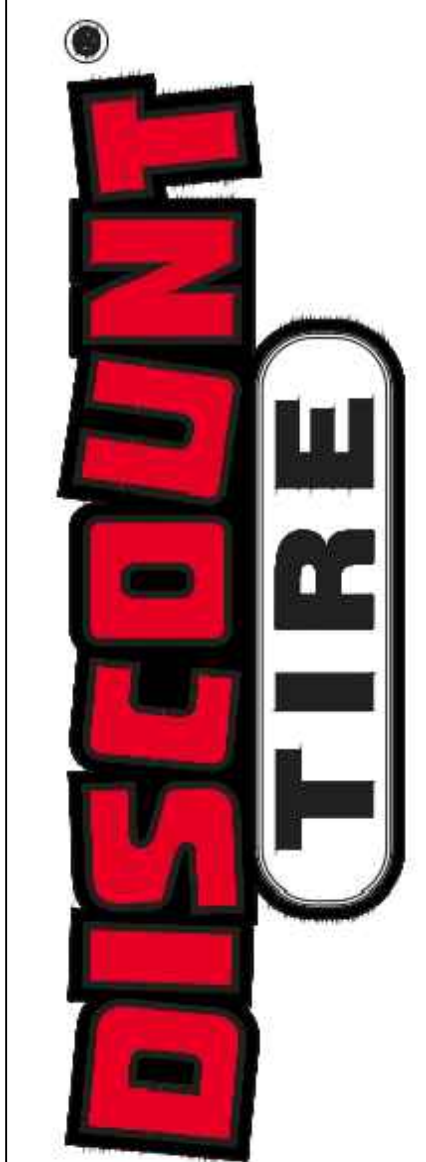
CEILING FAN SCHEDULE

| MARK(CF-#)                | 1 (TYP. OF 4) |
|---------------------------|---------------|
| MANUFACTURER              | MODERN FORMS  |
| MODEL                     | FR-W1910-52   |
| TYPE                      | PROPELLER     |
| DRIVE TYPE                | DIRECT        |
| PERFORMANCE               | -             |
| AIR FLOW (CFM)            | VARIABLE      |
| EXTERNAL STATIC (IN W.C.) | 0             |
| FAN SPEED (RPM)           | VARIABLE      |
| ELECTRICAL                | -             |
| VOLTS/Ø/HZ                | 120/1/60      |
| FAN MOTOR WATTS           | 38            |
| APPROX. WEIGHT (LBS)      | 20            |
| NOTES                     | ALL           |

NOTES:  
 1. DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.  
 2. CEILING FAN TO MATCH CEILING COLOR BEING INSTALLED IN. SEE ARCHITECTURAL DRAWINGS FOR CEILING COLORS.



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SHEET NAME  
 MECHANICAL DETAILS & SCHEDULES

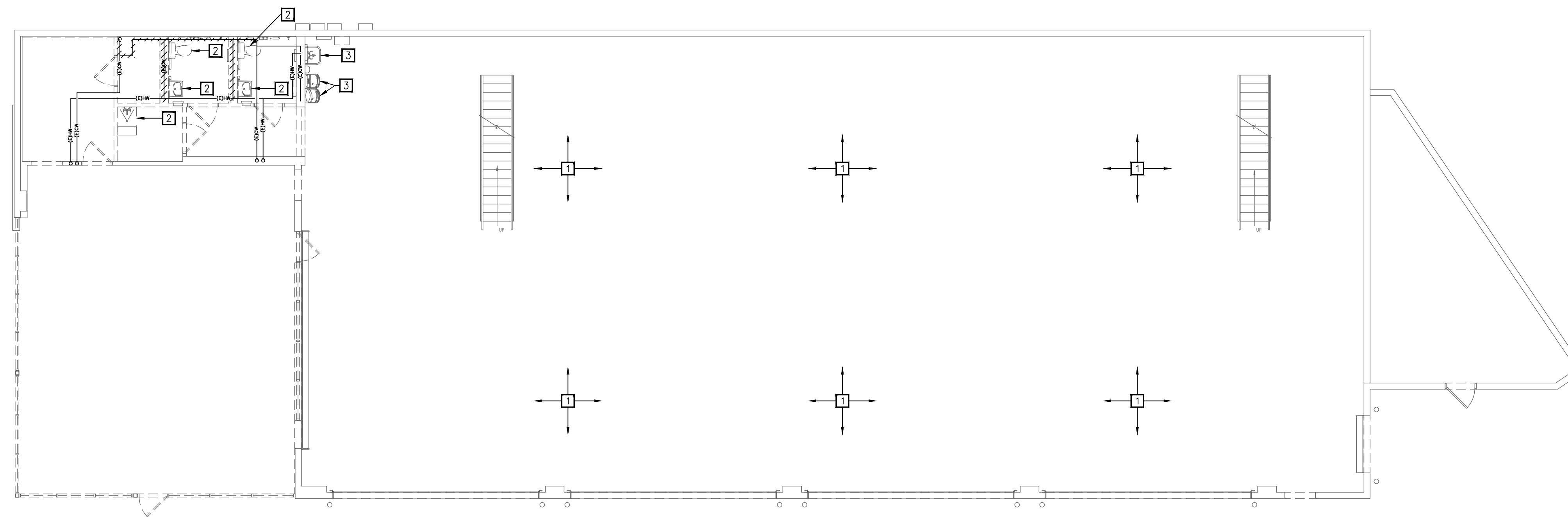
SHEET #  
 M3.0





PLUMBING DEMOLITION PLAN NOTES

- 1 EXISTING PLUMBING TO REMAIN IN THIS AREA UNLESS NOTED OTHERWISE.
- 2 DEMO EXISTING PLUMBING FIXTURE. DEMO ALL EXISTING CW, HW. DEMO VENT BACK TO EXISTING DROP THRU CEILING AND CAP. DEMO EXISTING SANITARY BACK TO MAIN AND CAP. SEE P2.0 AND P3.0 FOR NEW WORK.
- 3 EXISTING PLUMBING FIXTURE TO REMAIN. PROTECT DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.

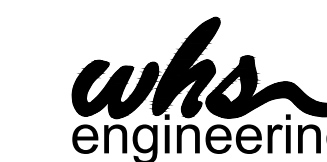


01 FIRST FLOOR PLUMBING DEMOLITION PLAN  
1/8" = 1'-0"

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PLUMBING DEMOLITION PLANS

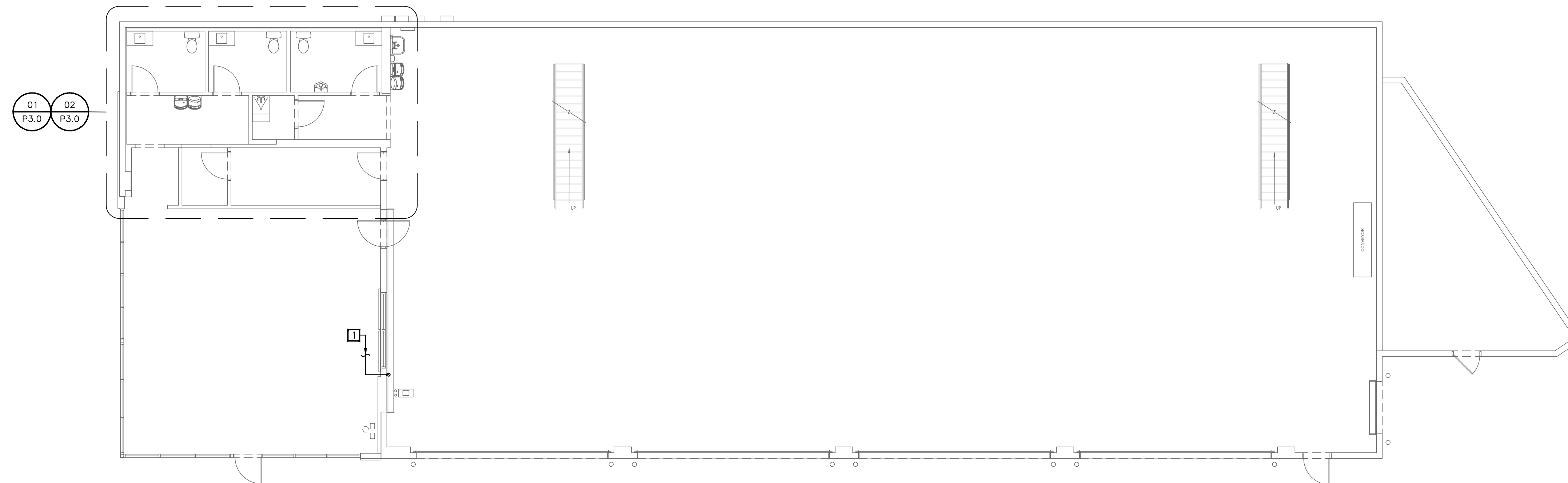
SHEET #  
P1.0

**PLUMBING PLAN NOTES**

1 EXTEND NEW 1/2" CW LINE FROM NEAREST EXISTING CW LINE. PROVIDE LINE WITH AN ASSE 1024 COMPLIANT BACKFLOW PREVENTER AND TERMINATE WITH QUARTER TURN ANGLE STOP FOR FUTURE CONNECTION TO COFFEE MAKER VIA 1/4" FLEX LINE. LOCATE INSIDE CABINET NEAR CENTER OF FIXTURE. VERIFY EXACT LOCATION AND SIZE OF EXISTING LINE IN FIELD PRIOR TO BID.

**PLUMBING DRAIN NOTE**

REFER TO ARCHITECTURAL DRAWINGS FOR FINAL LOCATION AND ELEVATION OF ALL FLOOR DRAINS, TRENCH DRAINS, AND FLOOR SINKS. THE PLUMBING DRAWINGS ARE PROVIDED FOR SCHEMATIC REFERENCE ONLY. DO NOT SCALE.



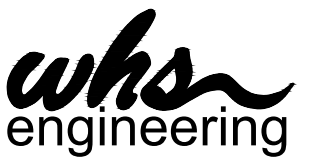
01 P3.0 02 P3.0



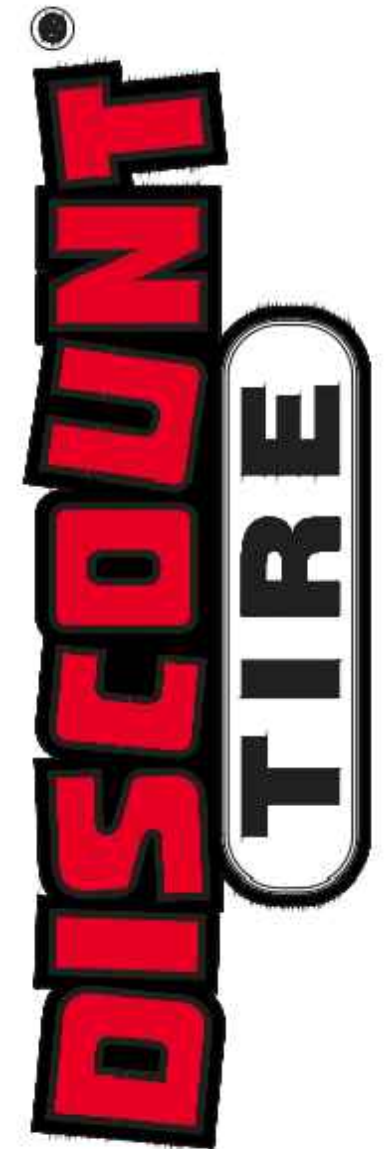
01 FIRST FLOOR PLUMBING PLAN  
1/8" = 1'-0"

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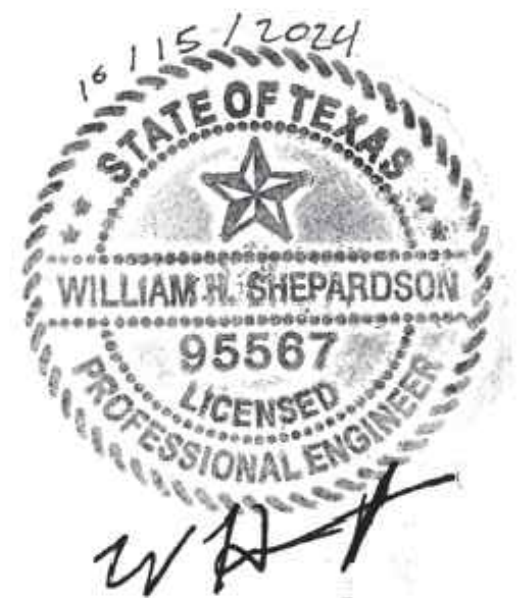
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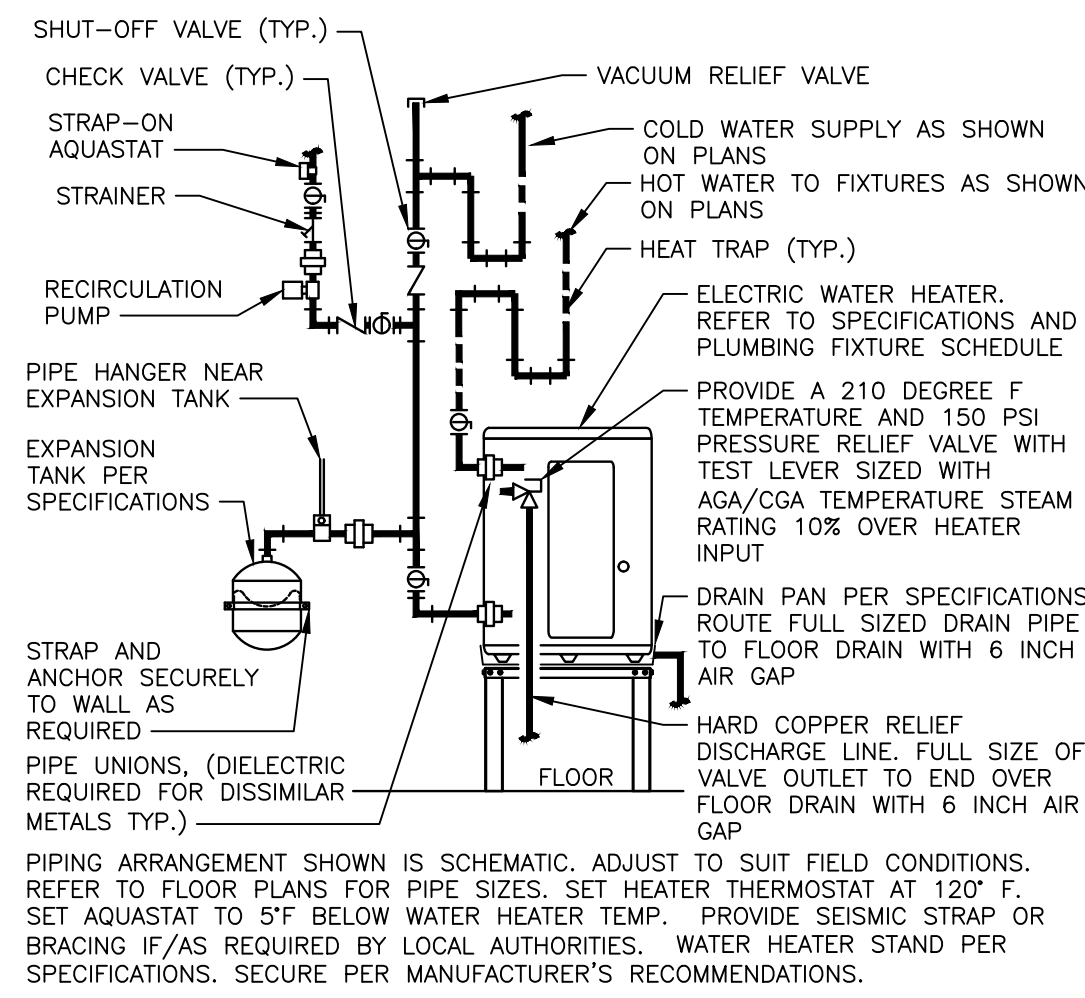
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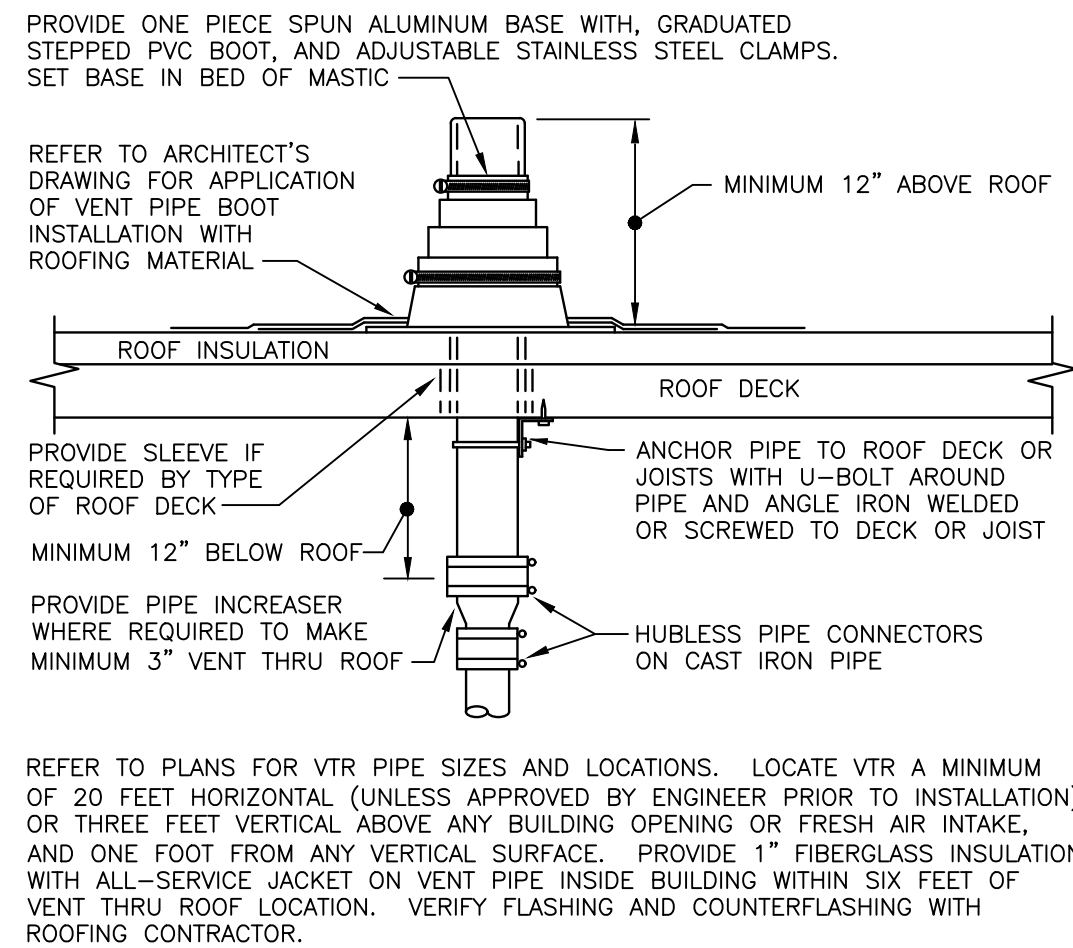
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| SHEET NAME | PLUMBING PLAN |
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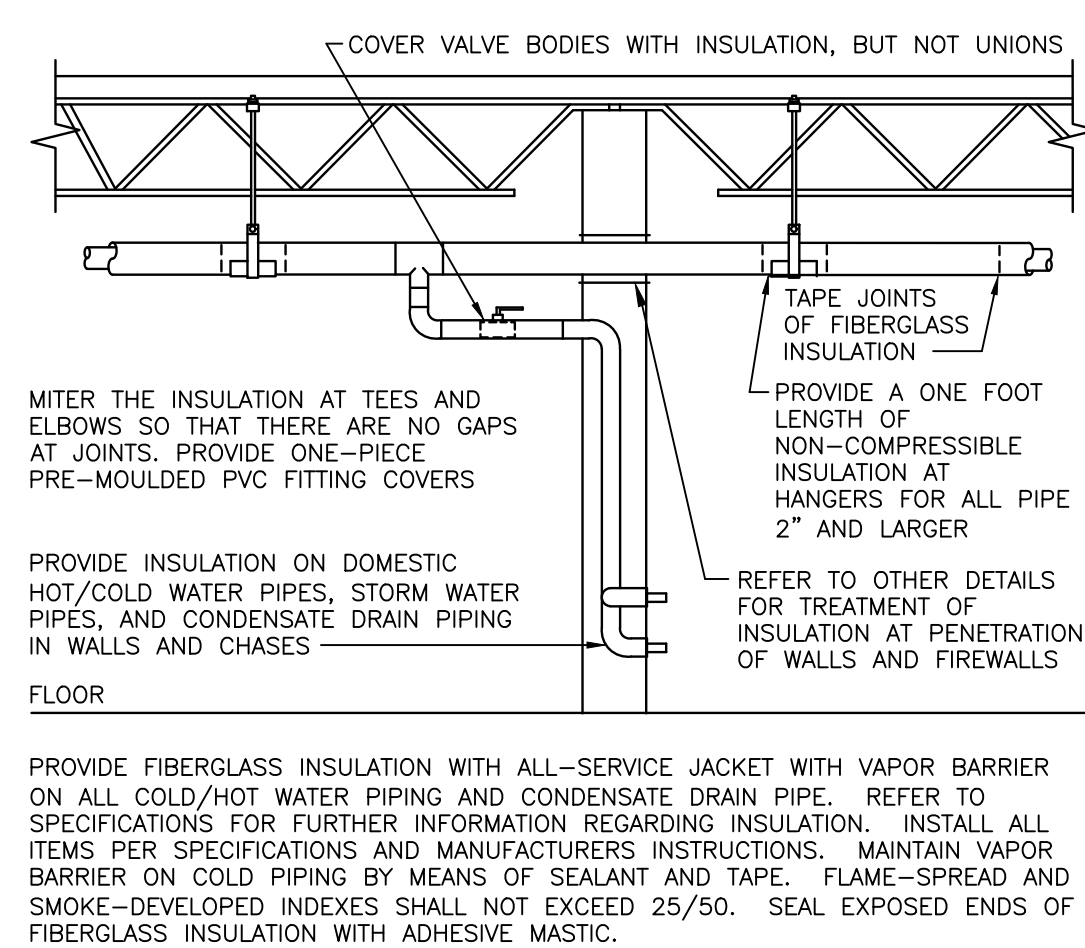




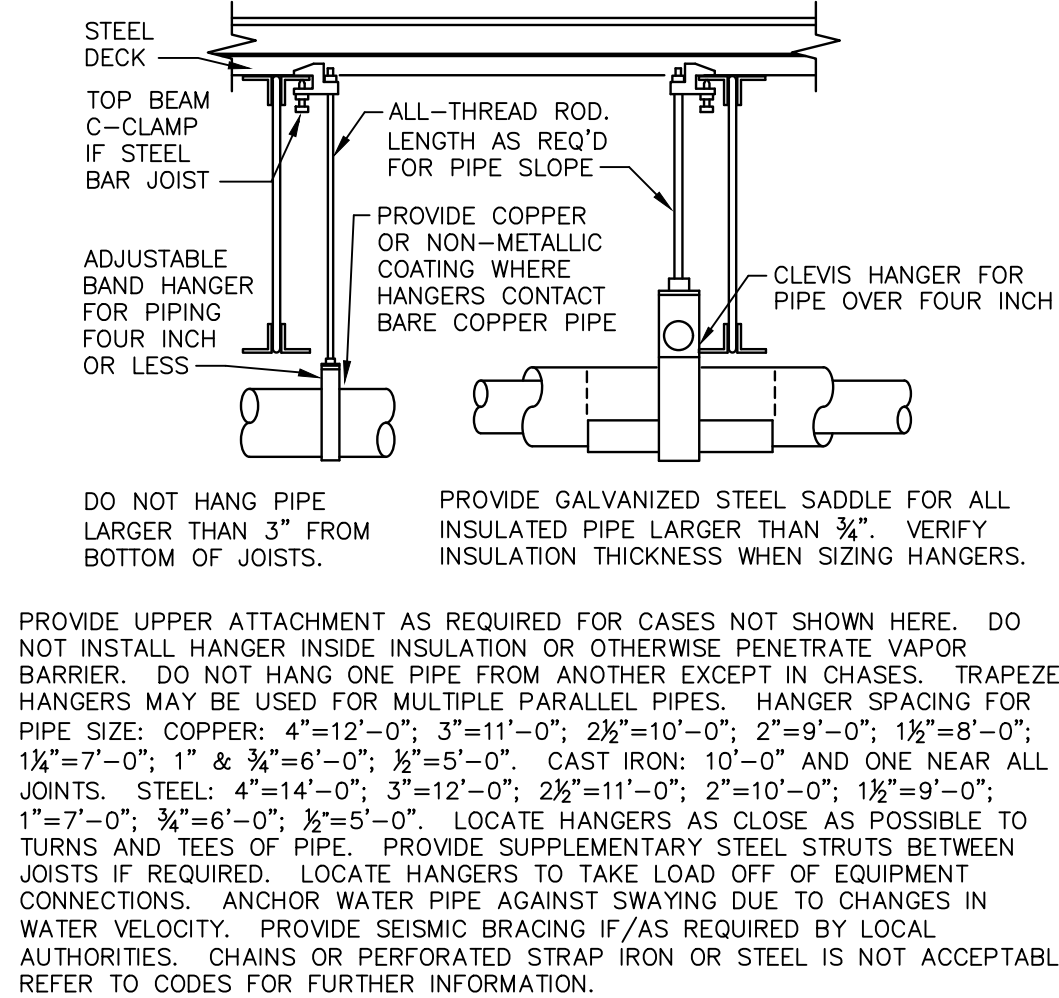
**01 WATER HEATER**  
NOT TO SCALE



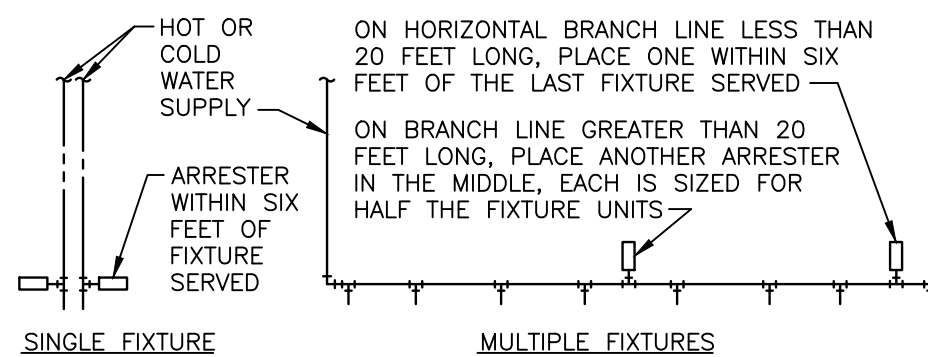
**02 VENT THRU ROOF (VTR)**  
NOT TO SCALE



**03 PIPE INSULATION**  
NOT TO SCALE



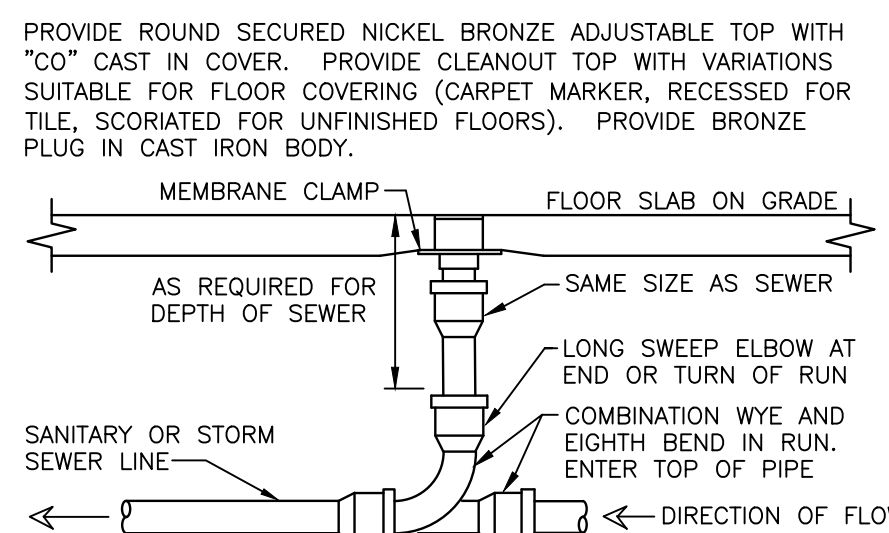
**04 PIPE HANGERS**  
NOT TO SCALE



| SINGLE FIXTURE |                   | MULTIPLE FIXTURES       |      |     |
|----------------|-------------------|-------------------------|------|-----|
| PDI SIZE       | FIXTURE UNIT LOAD | FIXTURE UNIT TABULATION |      |     |
|                |                   | FIXTURE                 | COLD | HOT |
| AA             | 1-3               | TANK WATER CLOSET       | 5    | -   |
| A              | 4-11              | URINAL                  | 5    | -   |
| B              | 12-32             | LAVATORY                | 1.5  | 1.5 |
| C              | 33-60             | JANITOR'S SINK          | 3    | 3   |
| D              | 61-113            | DRINKING FOUNTAIN       | 0.5  | -   |

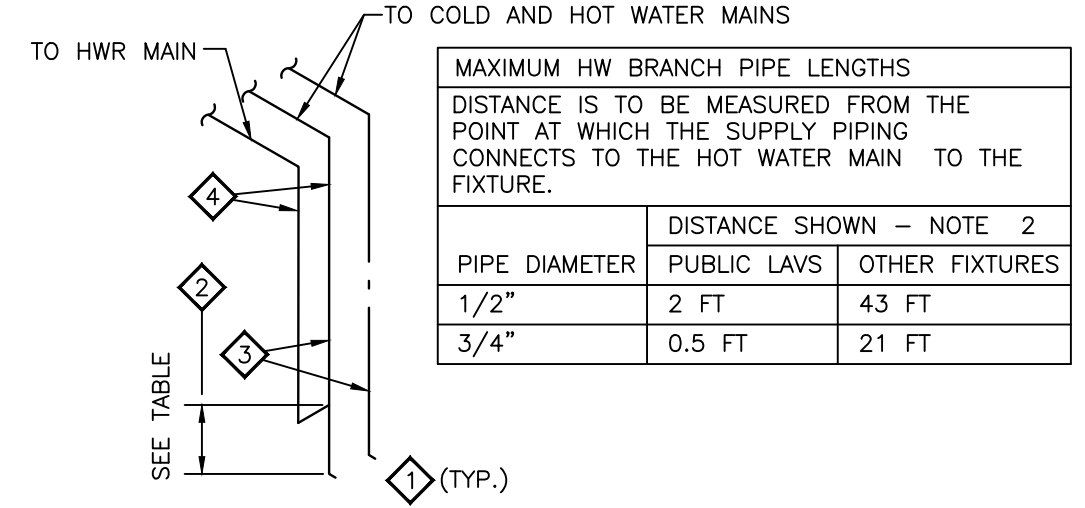
PC TO PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE #1010 OR ANSI #A112.26.1M CERTIFICATION. SIZE AND INSTALL PER PDI #WH-201 STANDARD OR MANUFACTURER'S INSTRUCTION. THE TABLES ABOVE ARE BASED ON THE SIOUX CHIEF PRODUCT LINE. IF PRESSURE IS IN EXCESS OF 65 PSIG THEN UPSIZE THE ARRESTER BY ONE (EXAMPLE: AN 'A' ARRESTER WOULD BECOME A 'B' ARRESTER.)

**05 WATER HAMMER ARRESTERS**  
NOT TO SCALE



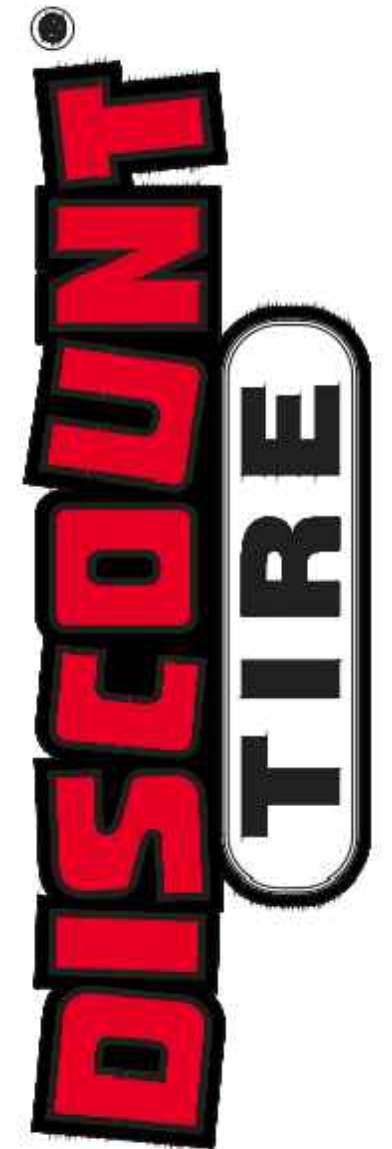
LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER FCO REQUIREMENTS.

**06 FLOOR CLEANOUT**  
NOT TO SCALE



KEY NOTES  
1. HOT WATER PIPING SHOWN ON FLOOR PLANS AND ISOMETRIC IS SHOWN FOR PLAN CLARITY. HOT WATER PIPING SHALL LOOP DOWN INTO WALL AS SHOWN.  
2. SEE TABLE FOR MAXIMUM ALLOWED DISTANCE OF PIPING FROM HOT WATER MAIN TO FIXTURE.  
3. PIPE SIZE TO FIXTURE PER PLANS.  
4. PIPE SIZE FOR HOT WATER DISTRIBUTION PIPING PER PLANS.

**07 PUBLIC HANDWASHING RECIRC.**  
NOT TO SCALE



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PLUMBING DETAILS

SHEET #  
P4.0



# CITY OF ROCKWALL

## PLANNING AND ZONING COMMISSION MEMORANDUM

### PLANNING AND ZONING DEPARTMENT

385 S. GOLIAD STREET • ROCKWALL, TX 75087

PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

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**TO:** Planning and Zoning Commission  
**FROM:** Angelica Guevara, *Planning Technician*  
**DATE:** February 25, 2025  
**SUBJECT:** SP2025-002; *Amended Site Plan for an Existing Minor Automotive Repair Facility*

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The applicant, Katie Getz, is requesting the approval of an *Amended Site Plan* for an existing *Minor Automotive Repair* facility. The subject property is a 1.10-acre portion of land identified as Lot 1, Block A, Patrick Stephenson Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, situated within the IH-30 Overlay (IH-30 OV) District. A site plan for the original building was approved with *Case No. PZ1997-092-01*. According to Rockwall Central Appraisal District (RCAD), there is a 7,606 SF service garage that was constructed in 1998 on the subject property. On February 14, 2025, the applicant submitted an application for an *Amended Site Plan* proposing changes to the existing building facade on the subject property. Due to the subject property being located within an overlay district, the building elevations must be reviewed by the Architectural Review Board. Based on the *General Overlay District Standards*, the proposed changes will require a variance to the following:

[1] *Cementitious Material*. According to Subsection 06.02, *General Overlay District Standards*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC, “(t)he use of cementitious materials (e.g. stucco, cementitious lap siding or similar materials approved by the Director of Planning and Zoning or his/her designee) shall be limited to 50% of the building’s exterior façade; however, stucco shall not be used within the first four (4) feet from grade on a building’s façade.” In this case, the proposed building shows stucco being used within the first four (4) feet from grade on the north and south building facades. This will require a *variance* to be granted by the Planning and Zoning Commission.

According to Subsection 09.02 of Article 11, *Variances to the General Overlay District Standards*, of the Unified Development Code (UDC), “(i)n cases where a variance or variances is/are being requested, the applicant shall provide compensatory measures that directly offset the requested exception.” Based on the provided building elevations, the proposed changes to the existing automotive repair facility will require a *variance* to the cementitious materials. To address the variance, staff recommends that the applicant increase the height of the parapets by three (3) feet and finish the back of the parapets as required by the UDC. Based on this, staff feels the applicant’s variance request warrants consideration and will provide an updated, positive outlook on the overall building. With this being said, approval of variances are discretionary decisions for the Planning and Zoning Commission and do require a supermajority vote (*i.e. three-quarter majority vote*) with a minimum of four (4) affirmative votes.

Should the Planning and Zoning Commission have any questions concerning the applicant’s request, staff and the applicant will be available at the *February 25, 2025* Planning and Zoning Commission meeting.

# PROJECT COMMENTS



CITY OF ROCKWALL  
385 S. GOLIAD STREET  
ROCKWALL, TEXAS 75087  
PHONE: (972) 771-7700

DATE: 2/21/2025

PROJECT NUMBER: SP2025-002  
PROJECT NAME: Amended Site Plan for Discount Tire  
SITE ADDRESS/LOCATIONS: 693 E INTERSTATE 30

CASE CAPTION: Discuss and consider a request by Katie Getz on behalf of Kayla Henson of Halle Properties, LLC for the approval of an Amended Site Plan for an existing Minor Automotive Repair facility on a 1.10-acre parcel of land identified as Lot 1, Block A, Patrick Stephenson Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, situated within the IH-30 Overlay (IH-30 OV) District, addressed as 693 E. IH-30, and take any action necessary.

| DEPARTMENT | REVIEWER         | DATE OF REVIEW | STATUS OF PROJECT    |
|------------|------------------|----------------|----------------------|
| PLANNING   | Angelica Guevara | 02/21/2025     | Approved w/ Comments |

02/21/2025: SP2025-002: Amended Site Plan for 693 E. IH-30 (Discount Tire)

Please address the following comments (M= Mandatory Comments; I = Informational Comments)

I.1 This is a request for the approval of an Amended Site Plan for an existing Minor Automotive Repair facility on a 1.10-acre parcel of land identified as Lot 1, Block A, Patrick Stephenson Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, situated within the IH-30 Overlay (IH-30 OV) District, addressed as 693 E. IH-30.

I.2 For questions or comments concerning this case, please contact Angelica Guevara in the Planning Department at (972) 772-6438 or email [aguevara@rockwall.com](mailto:aguevara@rockwall.com).

M.3 For reference, include the case number (SP2025-002) in the lower right-hand corner of all pages of all revised plan submittals. (Subsection 01.02(D), Article 11, UDC)

M.4 Provide the standard signature block with signature space for the Planning and Zoning Chairman and the Planning Director on all pages of the plans. (Subsection 03.04. A, Article 11, UDC)

#### APPROVED:

I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

WITNESS OUR HANDS, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Planning & Zoning Commission, Chairman

\_\_\_\_\_  
Director of Planning and Zoning

#### M.5 Building Elevations:

1) Cementitious Material. According to Subsection 06.02, General Overlay District Standards, of Article 05, District Development Standards, of the Unified Development Code (UDC, "(t)he use of cementitious materials (e.g. stucco, cementitious lap siding or similar materials approved by the Director of Planning and Zoning or his/her designee) shall be limited to 50% of the building's exterior façade; however, stucco shall not be used within the first four (4) feet from grade on a building's façade. In this case, the proposed building shows stucco being used within the first four (4) feet from grade on the north and south building facades. This will require a variance to be granted by the Planning and Zoning

Commission.

I.6 Staff has identified the following exceptions and variances associated with the proposed request: [1] Cementitious Materials.

I.7 Based on the variances being proposed, staff would suggest the following:

(1) Raise the parapets three (3) feet up and finish the back of the parapet.

M.8 Please provide a variance letter that details the requested exception. In addition, "(i)n cases where an exception or exceptions is/are being requested, the applicant shall provide compensatory measures that directly offset the requested exception." Please detail the proposed compensatory measures within the exception letter. (Section 09, Article 11, UDC)

I.9 Please note the scheduled meetings for this case:

1) Planning & Zoning meeting will be held on February 25, 2025.

I.10 All meetings will be held in person and in the City's Council Chambers. All meetings listed above are scheduled to begin at 6:00 p.m. (P&Z). A representative is required to be present for these meetings.

| DEPARTMENT  | REVIEWER      | DATE OF REVIEW | STATUS OF PROJECT |
|-------------|---------------|----------------|-------------------|
| ENGINEERING | Madelyn Price | 02/21/2025     | Approved          |

No Comments

| DEPARTMENT | REVIEWER     | DATE OF REVIEW | STATUS OF PROJECT |
|------------|--------------|----------------|-------------------|
| BUILDING   | Craig Foshee | 02/20/2025     | Needs Review      |

02/20/2025: ELEVATIONS INDICATE EIFS ON ALL 4 SIDES! IS THIS PART OF THE REQUEST?

| DEPARTMENT | REVIEWER       | DATE OF REVIEW | STATUS OF PROJECT |
|------------|----------------|----------------|-------------------|
| FIRE       | Ariana Kistner | 02/19/2025     | Approved          |

No Comments

| DEPARTMENT | REVIEWER        | DATE OF REVIEW | STATUS OF PROJECT |
|------------|-----------------|----------------|-------------------|
| GIS        | Lance Singleton | 02/18/2025     | Approved          |

No Comments

| DEPARTMENT | REVIEWER        | DATE OF REVIEW | STATUS OF PROJECT |
|------------|-----------------|----------------|-------------------|
| POLICE     | Chris Cleveland | 02/19/2025     | Approved          |

No Comments

| DEPARTMENT | REVIEWER     | DATE OF REVIEW | STATUS OF PROJECT |
|------------|--------------|----------------|-------------------|
| PARKS      | Travis Sales | 02/18/2025     | Approved          |

No Comments



# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. \_\_\_\_\_

**NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.**

DIRECTOR OF PLANNING: \_\_\_\_\_

CITY ENGINEER: \_\_\_\_\_

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

### PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE) <sup>1</sup>
- PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- FINAL PLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- REPLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

### SITE PLAN APPLICATION FEES:

- SITE PLAN (\$250.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

### ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE) <sup>1&2</sup>
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE) <sup>1</sup>

### OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00) <sup>2</sup>

#### NOTES:

<sup>1</sup>: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.  
<sup>2</sup>: A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

## PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS 693 EAST INTERSTATE 30 - ROCKWALL, TX 75087

SUBDIVISION PATRICK-STEPHENSON

LOT 1

BLOCK A

GENERAL LOCATION \_\_\_\_\_

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING C (Commercial District)

CURRENT USE RETAIL / MERCANTILE (DISCOUNT TIRE)

PROPOSED ZONING C (Commercial District)

PROPOSED USE RETAIL / MERCANTILE (DISCOUNT TIRE)

ACREAGE 1.100 ACRES

LOTS [CURRENT] \_\_\_\_\_

LOTS [PROPOSED] \_\_\_\_\_

**SITE PLANS AND PLATS:** BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

OWNER HALLE PROPERTIES, LLC

APPLICANT KATIE GETZ

CONTACT PERSON KAYLA HENSON

CONTACT PERSON \_\_\_\_\_

ADDRESS 20225 NORTH SCOTTSDALE ROAD

ADDRESS 319 ELAINES COURT

CITY, STATE & ZIP SCOTTSDALE, AZ 85255

CITY, STATE & ZIP DODGEVILLE, WI 53533

PHONE 480-909-6811

PHONE 608-407-9078

E-MAIL KAYLA.HENSON@DISCOUNTTIRE.COM

E-MAIL KATIE@PERMIT.COM

## NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KATIE GETZ [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ \_\_\_\_\_ TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 5TH DAY OF FEBRUARY, 2025.

OWNER'S SIGNATURE

Wisconsin

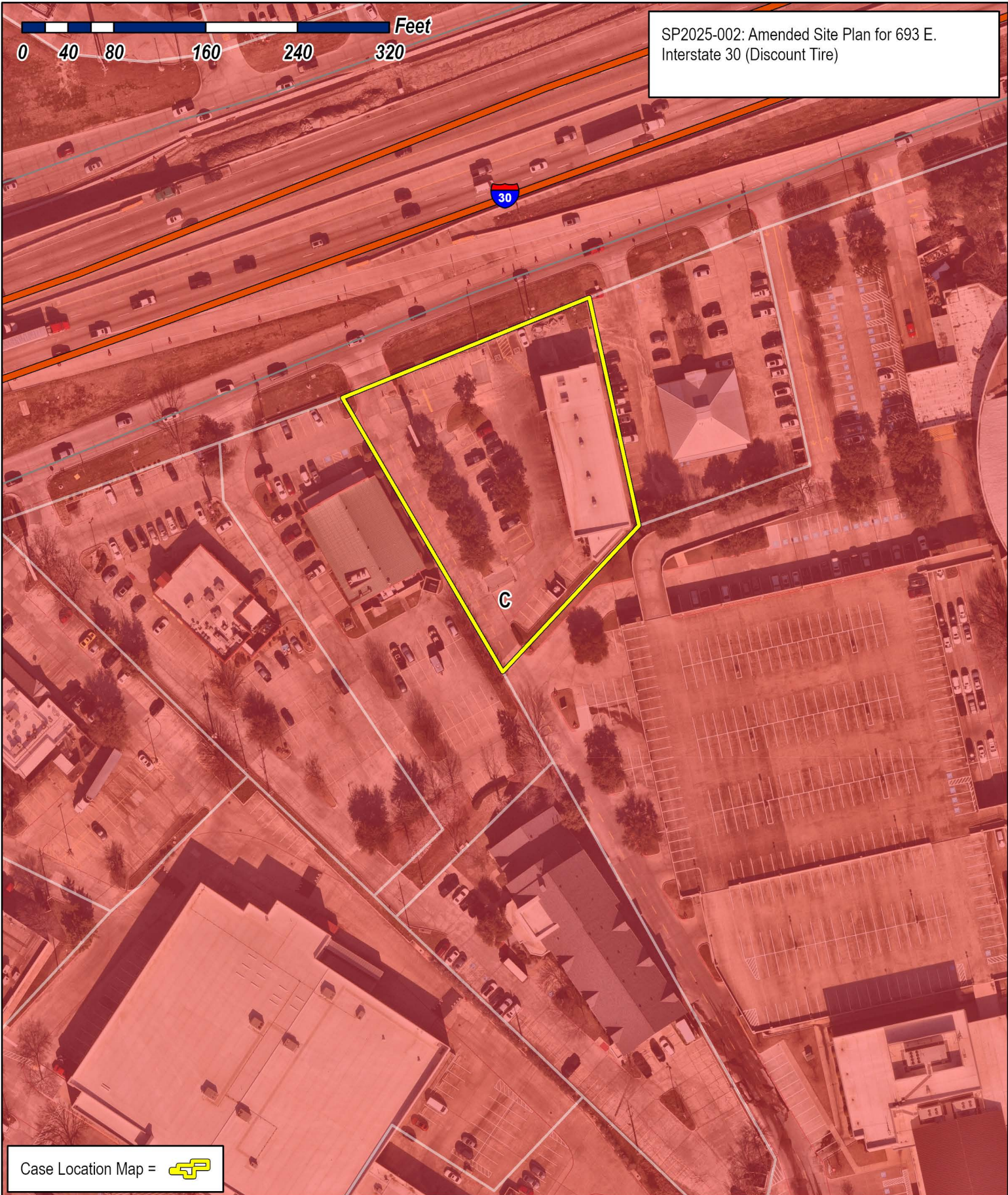
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS COUNTY OF IOWA







SP2025-002: Amended Site Plan for 693 E. Interstate 30 (Discount Tire)



Case Location Map =

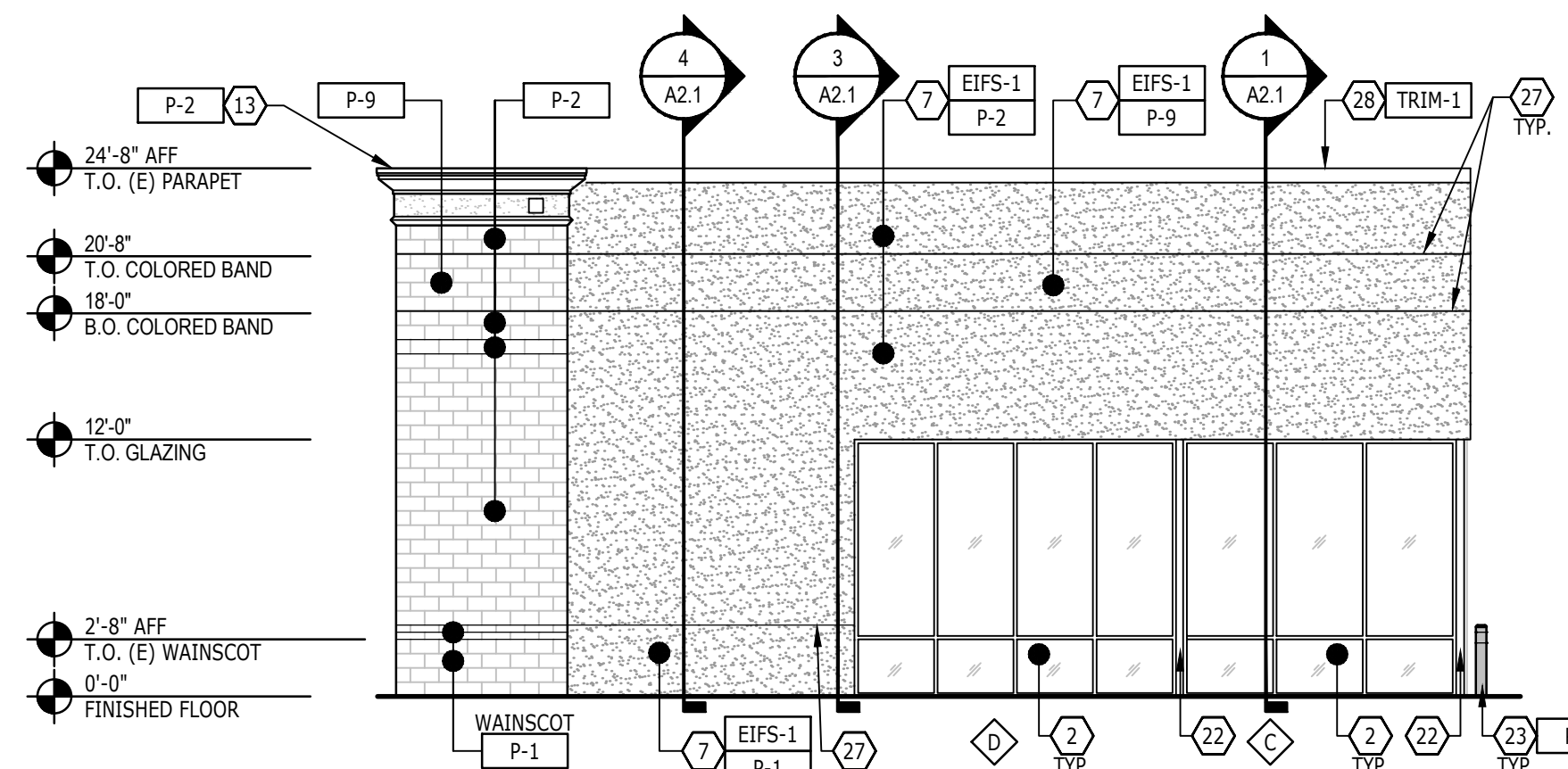


# City of Rockwall

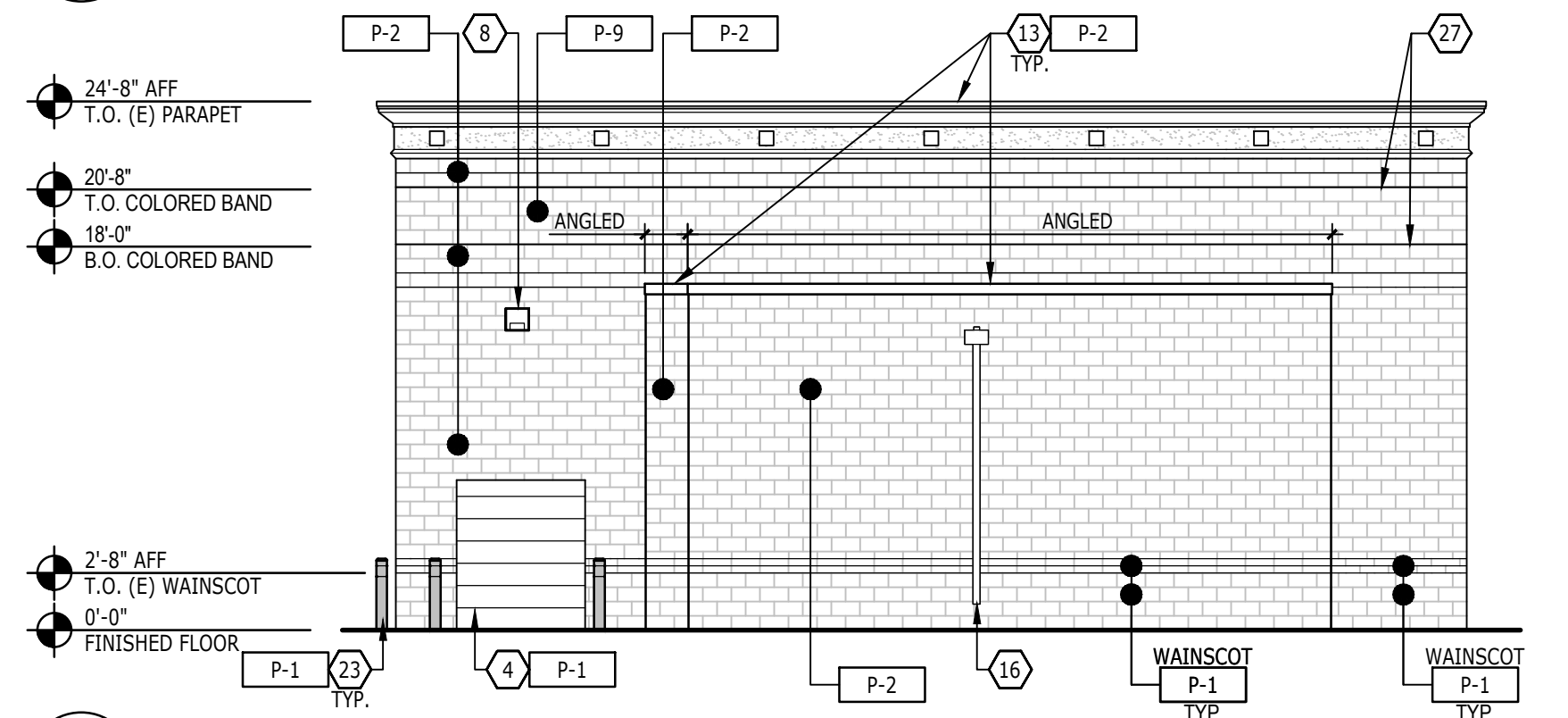
Planning & Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087  
(P): (972) 771-7745  
(W): [www.rockwall.com](http://www.rockwall.com)

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.

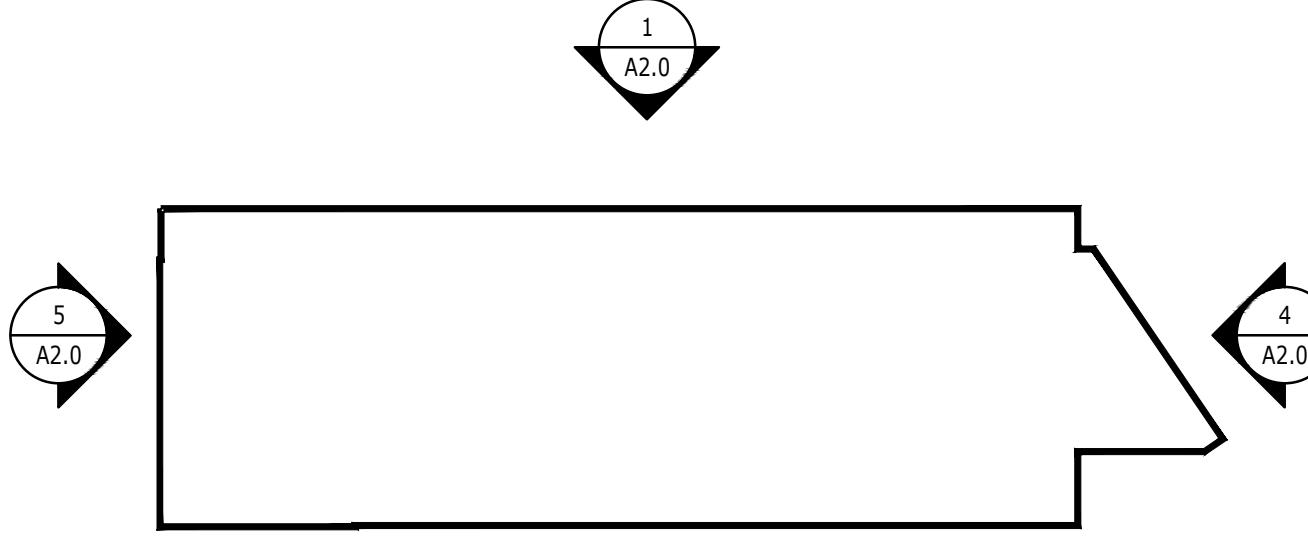




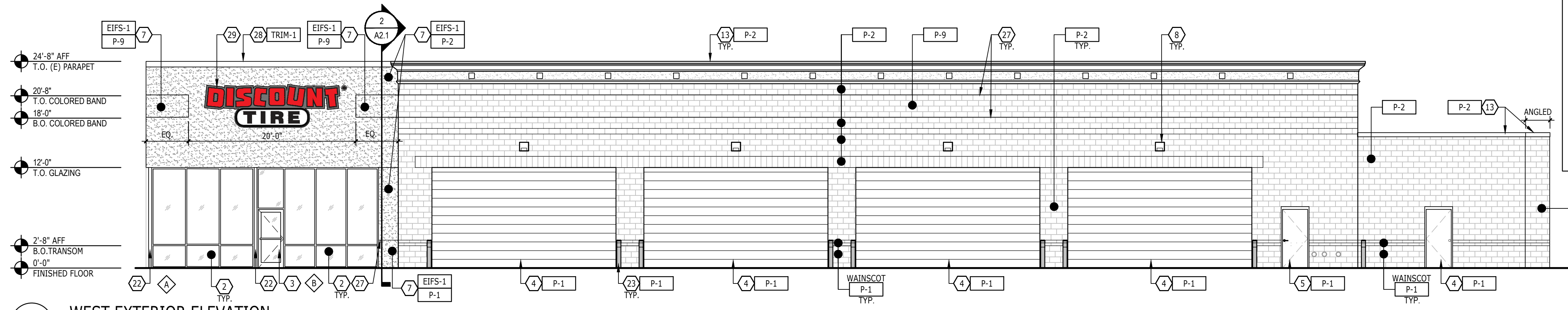
**5 NORTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



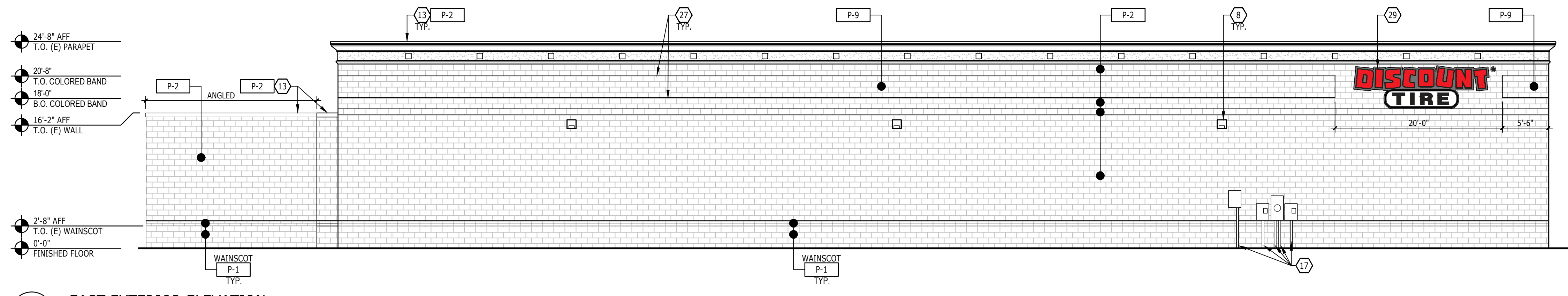
**4 SOUTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



**3 ELEVATION KEY PLAN**  
N.T.S.



**2 WEST EXTERIOR ELEVATION**  
1/8" = 1'-0"



**1 EAST EXTERIOR ELEVATION**  
1/8" = 1'-0"

| EXTERIOR FINISH SCHEDULE |                                  |                     |   |                        |  |   |
|--------------------------|----------------------------------|---------------------|---|------------------------|--|---|
| CODE                     | MATERIAL                         | MANUFACTURER        | PRODUCT / COLOR   | LOCATION               | REMARKS  | CONTACT   |
| CLAD-1                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BONE WHITE  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-1A                  | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE OYSTER (ALTERNATE)  | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-2                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE PATRIOT RED   | EXTERIOR - FRAME       |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-3                   | ACM                              | 3A COMPOSITES       | ALUCOBOND PLUS, MATTE BRUSHED STAINLESS   | EXTERIOR - CANOPY      |  | LES TRAEGER / 740-834-2018<br>LES.TRAEGER@3ACOMPOSITES.COM  |
| CLAD-4                   | CORRUGATED METAL                 | ATLAS INTERNATIONAL | CORRUGATED PANEL, 0.40 ALUMINUM, BLACK (02)   | EXTERIOR               |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| EIFS-1                   | EXT. INSULATION FINISHING SYSTEM | DRYVIT              | OUTSULATION: FINESSE: MATCH COLOR AS SPECIFIED ON EXTERIOR ELEVATIONS                       | EXTERIOR               | APPROVED ALT. AS REQUIRED TO MATCH ADJACENT EXIST.   | BEN ROGERS / 469-667-0837<br>BROGERS@TREMCOINC.COM          |
| P-1                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7650 ELLIE GRAY; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                          | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7104 COTTON WHITE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                        | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-2A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7668 NEUTRAL GROUND (LVR 70); EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE) | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9                      | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 6258 TRICORN BLACK; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS.                       | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| P-9A                     | PAINT                            | SHERWIN WILLIAMS    | PAINT / SW 7069 IRON ORE; EMERALD EXTERIOR ACRYLIC LATEX; GLOSS, (ALTERNATE)                | EXTERIOR               | PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.    | ANGIE JULIAN / 317-714-5610                                 |
| TRIM-1                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP, MATCH SW 7104 COTTON WHITE, OR ALTERNATE COLOR OF MASONRY BELOW.         | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-2                   | CORRUGATED METAL TRIM            | ATLAS INTERNATIONAL | ELITE TRIM SERIES, BLACK (02)   | EXTERIOR               | PRE-FINISHED METAL TRIM, PART OF CLAD 4 PANEL SYSTEM | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-3                   | METAL CAP                        | ATLAS INTERNATIONAL | METAL PARAPET CAP, BLACK (02)   | EXTERIOR - PARAPET CAP |  | EDWARD WEBB / 484-221-6377<br>EWEBB@ATLAS.COM               |
| TRIM-4                   | METAL TRIM                       | LONGBOARD PRODUCTS  | 8" LINK & LOCK SERIES, SLATE GREY   | EXTERIOR - WALL TRIM   | COLOR MAY BE MODIFIED AS NEEDED PER JURISDICTION     | SHAYNE UNGER / 800-804-0343<br>SUNGER@LONGBOARDPRODUCTS.COM |

NOTE: ALL SURFACES SHALL BE PREPARED FOR NEW PAINT FINISHES AS REQUIRED PER PAINT MANUFACTURER'S RECOMMENDATIONS.

- SHEET NOTES**
- EXISTING STOREFRONT GLAZING SYSTEM. GO TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING TO "LIKE NEW" CONDITION.
  - STOREFRONT GLAZING SYSTEM, REFER TO SHEET A1.0A.
  - STOREFRONT ENTRY DOOR, REFER TO SHEET A1.0 & A1.0A.
  - EXISTING EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
  - EXISTING EIFS FINISH, PATCH/REPAIR AS REQUIRED, COLOR AS INDICATED.
  - INSTALL NEW EIFS, COLOR AS INDICATED.
  - EXISTING WALL MOUNTED LIGHT FIXTURE.
  - WALL MOUNTED LIGHT FIXTURE, REFER TO RCP AND ELECTRICAL DRAWINGS.
  - WALL MOUNTED ILLUMINATED SIGNAGE, GO TO SCHEDULE AND COORDINATE INSTALLATION. ALL SIGNAGE REQUIRED DOCUMENTATION IS TO BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION VIA DEFERRED SUBMITTAL OR SEPARATE COVER, AS REQUIRED.
  - ADDRESS LETTERS, REFER TO SIGNAGE PACKAGE, SUBMITTED VIA DEFERRED SUBMITTAL OR SEPARATE COVER, GO TO COORDINATE SCHEDULE & INSTALL.
  - EXISTING ADDRESS LETTERS.
  - EXISTING MOLDING / COPING, PAINT AS INDICATED.
  - EXISTING GAS METER.
  - GAS METER, REFER TO PLUMBING DRAWINGS.
  - EXISTING SCUPPER AND DOWNSPOUT.
  - EXISTING ELECTRIC METER / EQUIPMENT.
  - ELECTRIC METER / EQUIPMENT, REFER TO ELECTRICAL DRAWINGS.
  - ALUMINUM COMPOSITE CANOPY, REFER TO SECTIONS & DETAILS.
  - EXISTING CANOPY, PAINT / FINISH AS INDICATED.
  - EXISTING BASE BUILDING COLUMN.
  - EXISTING BASE BUILDING COLUMN, WRAPPED TO MATCH ADJACENT STOREFRONT FINISH, REFER TO DETAILS.
  - EXISTING BOLLARD, PAINT AS INDICATED.
  - EXISTING TRASH ENCLOSURE, PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL, PAINT AS INDICATED.
  - EXPOSED BASE BUILDING STEEL LINTEL W/ BREAK METAL COVERING, REFER TO SECTIONS AND DETAILS.
  - PAINT LINE.
  - METAL TRIM.
  - RELOCATED EXISTING WALL MOUNTED ILLUMINATED SIGNAGE.

**Design Forum Architects Inc.**  
2056 BYERS RD  
Mansfield, OH 45342  
Tel. (844) 804-7700

Donald J. Rothman  
Architect In Charge  
License: 17287

**DISCOUNT TIRE**

TXD 39  
693 E INTERSTATE 30  
ROCKWALL, TX 75087

10/22/2024

© 2024 CHANGEUP INC.

| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |

|                |            |
|----------------|------------|
| PROJECT NUMBER | DT10773    |
| DATE           | 10/08/2024 |
| DRAWN BY       | LI / RS    |
| CHECKED BY     | JDW / DJR  |

SHEET NAME  
**EXTERIOR ELEVATIONS**

SHEET #  
**A2.0**



February 26, 2025

TO: Katie Getz  
319 Elaines Court  
Dodgeville, WI 53533

CC: Kayla Henson  
20225 North Scottsdale Road  
Scottsdale, AZ 85255

FROM: Angelica Guevara, *Planning Technician*  
City of Rockwall Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, TX 75087

SUBJECT: SP2025-002; *Amended Site Plan for an existing Minor Automotive Repair Facility (i.e. Discount Tire) at 693 E. IH-30*

To whom it may concern:

This letter serves to notify you that the above referenced case (*i.e. Amended Site Plan*) that you submitted for consideration by the City of Rockwall was approved by the Planning and Zoning Commission on February 25, 2025. The following is a record of all recommendations, voting records and conditions of approval:

Staff Recommendations

- (1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of a building permit;
- (2) Any construction resulting from the approval of this Site Plan shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

Planning and Zoning Commission

On February 25, 2025, the Planning and Zoning Commission approved a motion to approve the Amended Site Plan by a vote of 5-0, with Commissioners Thompson and Deckard absent.

Should you have any questions or concerns regarding your zoning case, please feel free to contact me at (972) 772-6438.

Sincerely,

A handwritten signature in black ink, appearing to read 'AG', is placed above the typed name.

Angelica Guevara, *Planning Technician*  
City of Rockwall Planning and Zoning Department