

SEAL/SIGNATURE:



REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

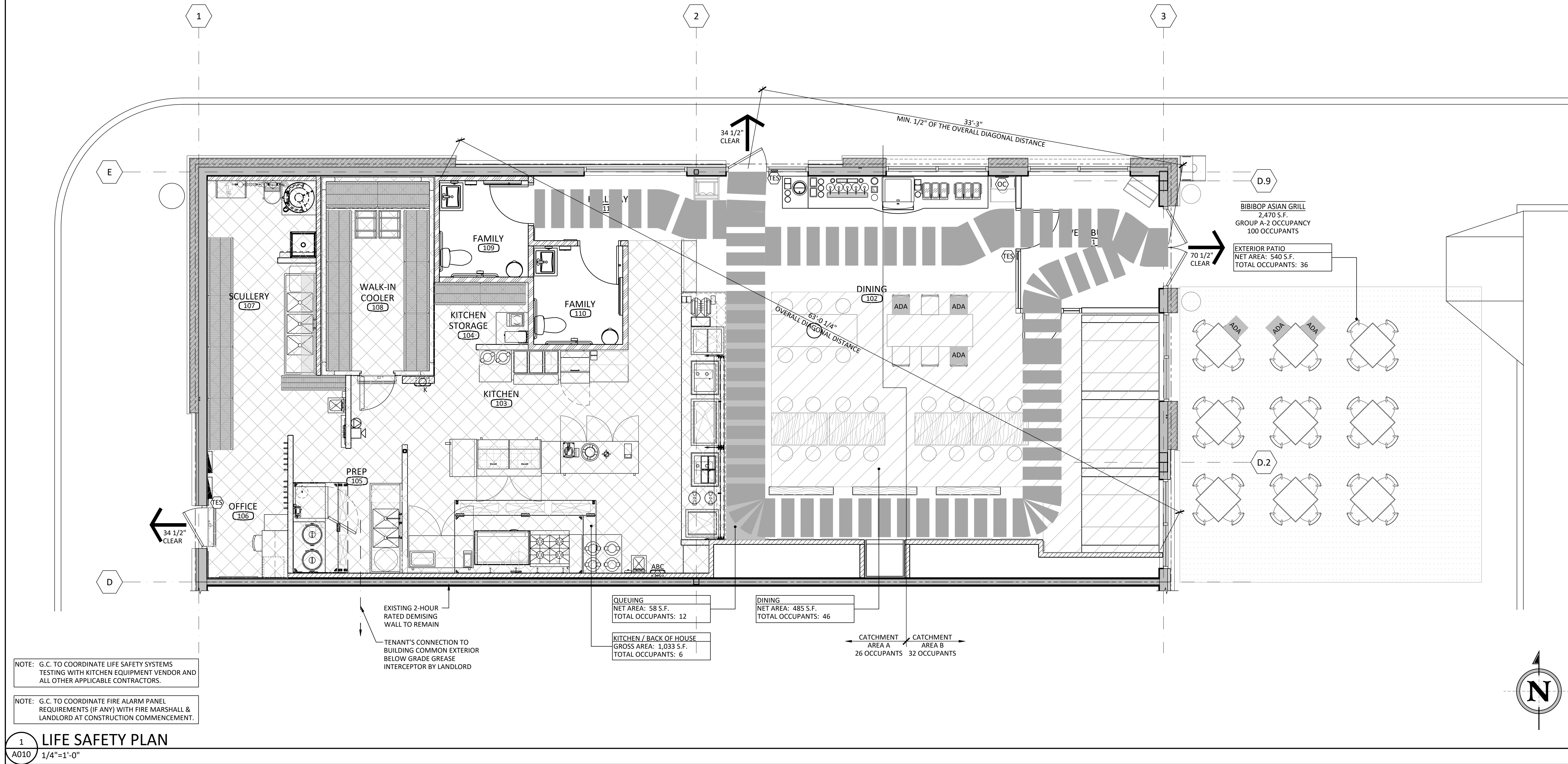
ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:

**CODE ANALYSIS &
LIFE SAFETY PLAN**

A010



NOTE: G.C. TO COORDINATE LIFE SAFETY SYSTEMS TESTING WITH KITCHEN EQUIPMENT VENDOR AND ALL OTHER APPLICABLE CONTRACTORS.

NOTE: G.C. TO COORDINATE FIRE ALARM PANEL REQUIREMENTS (IF ANY) WITH FIRE MARSHALL & LANDLORD AT CONSTRUCTION COMMENCEMENT.

1 LIFE SAFETY PLAN

A010 1/4"=1'-0"

PLAN REVIEW FOR CODE COMPLIANCE

SCOPE OF WORK:
NEW FAST CASUAL RESTAURANT TENANT BUILD OUT IN A SINGLE LEVEL STRIP CENTER
FIRST GENERATION BUILD-OUT IN A NEW CONSTRUCTION BUILDING.

APPLICABLE CODES:

| | |
|---|------|
| A. INTERNATIONAL BUILDING CODE (IBC) | 2018 |
| B. INTERNATIONAL MECHANICAL CODE (IMC) | 2018 |
| C. INTERNATIONAL PLUMBING CODE (IPC) | 2018 |
| D. NATIONAL ELECTRICAL CODE (NEC) | 2017 |
| E. INTERNATIONAL FIRE CODE (IFC) | 2018 |
| F. ICC A117.1 ACCESSIBLE & USEABLE BUILDINGS & FACILITIES | 2009 |

BUILDING CLASSIFICATION:

A. BUILDING CONSTRUCTION TYPE: Type V-B

B. SPRINKLER SYSTEM: No

C. FIRE ALARM SYSTEM: No (Per IBC 907.2.1 for group A occupancy < 300 Occupants)

D. SEISMIC DESIGN CATEGORY: C

1. BIBIBOP TENANT SPACE OCCUPANCY USE GROUP (IBC 302): A-2 (Restaurant)
2. SEPARATED OCCUPANCIES (IBC 508.4): Bibibop tenant space (A-2) is to be separated from adjacent tenant spaces (M) by existing 2-hour fire rated separation

F. BIBIBOP TENANT SPACE OCCUPANT LOAD (IBC 1004.1.2): 64 Occ. (Interior) / 36 Occ. (Exterior)
1. DINING:
- Area: 485 s.f.
- Occupancy: 1 per Fixed Seat = 46 Occupants
2. QUEUING:
- Area: 58 s.f.
- Occupancy: 1 / 5 net s.f. = 12 Occupants
3. KITCHEN:
- Area: 1,033 s.f.
- Occupancy: 1 / 200 s.f. = 6 Occupants
4. EXTERIOR PATIO:
- Area: 550 s.f.
- Occupancy: 1 / 15 s.f. = 36 Occupants

EXITING:

A. Based on 64 occupants (A-2) - Bibibop Tenant Space

B. Number Required (IBC 1006.2): 2 (Accessible Per IBC 1009.1)

C. Arrangement (IBC 1007.1.1): Not less than 1/2 of the diagonal

D. Travel Distance Maximums
1. Exit Access (IBC 1029.7) = 200' (A-2)
2. Common Path of Egress (IBC 1029.8) = 30' (A-2)
Exception: For areas serving less than 50 occupants, common path of egress not to exceed 75'
Catchment areas for aisle width (IBC 1029.9.2)
- Catchment Area A (Exits through door 102): 26 Occupants
- Catchment Area B (Exits through door 101A): 32 Occupants
- Exit Passageways (IBC 1024.2) = 44" (36" back of house)
- Exit Doors (IBC 1010.1.1) = 32" Min. Clear / 48" Max. Nom.

F. Doors
1. Swing (IBC 1010.1.2): Side-hinged swinging in direction of egress travel at occ. load greater than 50
2. Thresholds (IBC 1010.1.7): Max. Ht. = 1/2" (1:2 beveled edge if 1/4" + floor change)
3. Consecutive Doors (IBC 1010.1.8): 48" + Door Width Apart

PLUMBING FIXTURES:

A. NUMBER FIXTURES REQUIRED (IBC Chapter 29)

Based on 100 Occupants (A-2) - Bibibop Tenant Space and Exterior Patio
* 50 Female Occupants
* 50 Male Occupants

| Fixture | Required | | Provided |
|--|----------|-------|------------|
| | Men | Women | Family (b) |
| Water Closets (1 Per 75 Occupants) | 1 | 1 | 2 |
| Lavatories (1 Per 200 Occupants) | 1 | 1 | 2 |
| Drinking Fountains (1 Per 500 Occupants) | 1 | | (a) |
| Service Sink | 1 | | 1 |

(a) WATER PROVIDED VIA DRINK DISPENSER AND/OR COUNTER SERVICE.
(b) PER IBC 2902.2.1, TWO FAMILY TOILET FACILITIES SHALL BE PERMITTED TO SERVE AS THE REQUIRED SEPARATE FACILITIES.

SIGNAGE:

A. SIGNAGE IS NOT WITHIN THE SCOPE OF THIS PERMIT. SUBMIT DRAWINGS TO LOCAL JURISDICTION FOR REVIEW AND APPROVAL IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES PRIOR TO INSTALLATION.

LIFE SAFETY PLAN KEY

DINING AREA
• OCCUPANCY FACTOR: 1 PER FIXED SEAT

QUEUING AREA
• OCCUPANCY FACTOR: 1 PER 5 NET S.F.

KITCHEN / BACK OF HOUSE AREA
• OCCUPANCY FACTOR: 1 PER 200 S.F.

EXTERIOR NON-FIXED SEATING
• OCCUPANCY FACTOR: 1 PER 15 S.F.

36" WIDE EGRESS PATH OF TRAVEL (IBC 1029.9.1)

NUMBER OF EXITS & CONTINUITY (IBC 1006.2)
• 2 EXITS REQUIRED
• 3 EXITS PROVIDED

EXIT ACCESS DOORWAY ARRANGEMENT (IBC 1007.1.1)
• WHERE 2 EXITS ARE REQUIRED WITHIN A SPACE, EXITS MUST BE PLACED A MINIMUM OF 1/2 THE OVERALL DIAGONAL DISTANCE
• 28'-4 3/4" REQUIRED
• 31'-6 1/8" PROVIDED

PORTABLE FIRE EXTINGUISHERS (IBC 906)

TYPE 'ABC' REQUIRED WITH A MAXIMUM TRAVEL DISTANCE OF 75'-0"

TYPE 'K' REQUIRED WITHIN 30'-0" OF COMMERCIAL COOKING EQUIPMENT

ANSUL REMOTE PULL STATION FOR TYPE I EXHAUST HOOD LOCATED IN ACCORDANCE WITH NFPA STANDARDS

ANSUL SYSTEM AUDIBLE / VISIBLE SIGNAL FOR TYPE I EXHAUST HOOD LOCATED IN ACCORDANCE WITH IBC 904.4.2.1

• PROPOSED LOCATIONS SHOWN ON LIFE SAFETY PLAN. VERIFY FINAL QUANTITIES, LOCATIONS, AND REQUIREMENTS WITH LOCAL FIRE MARSHALL.

ADA

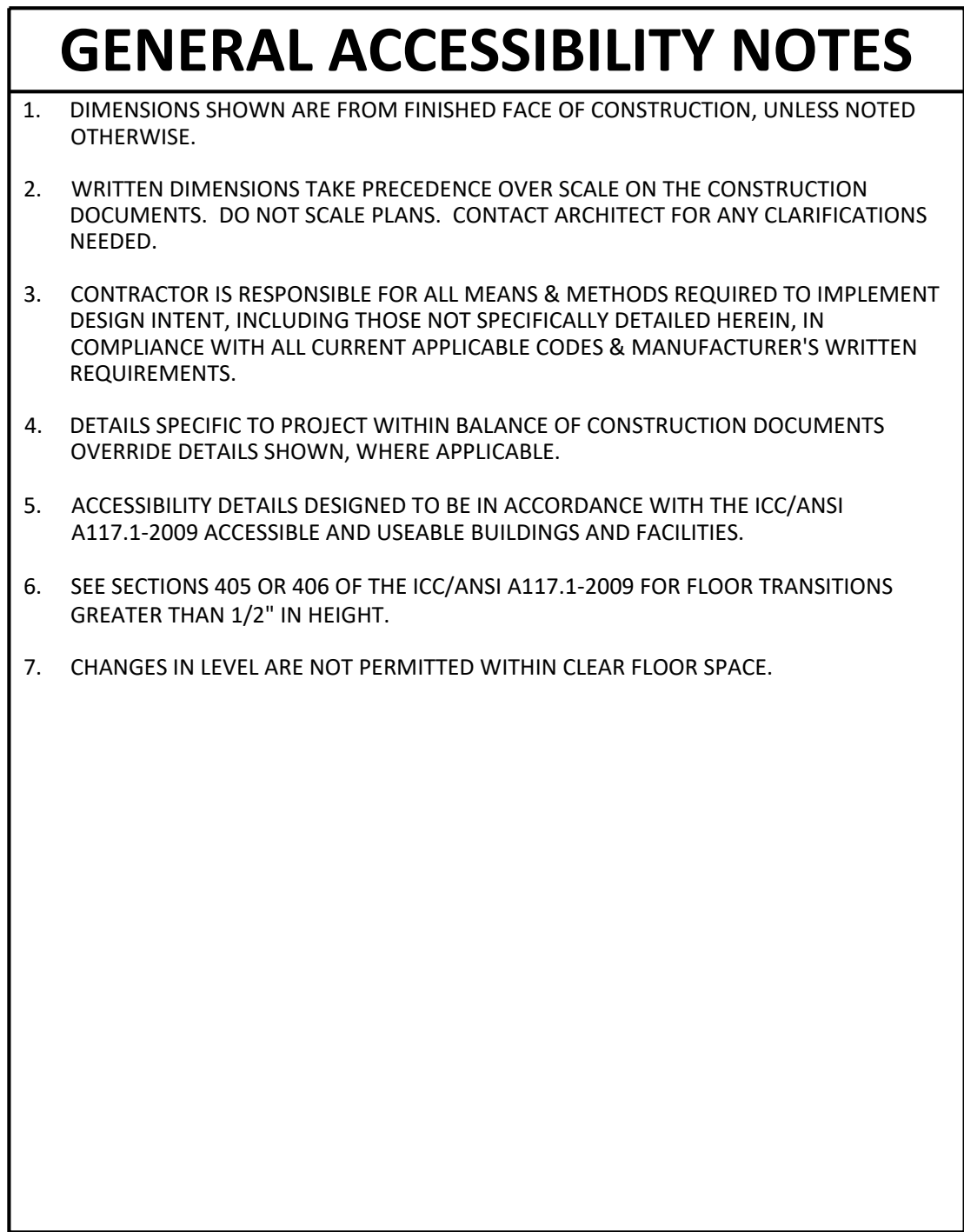
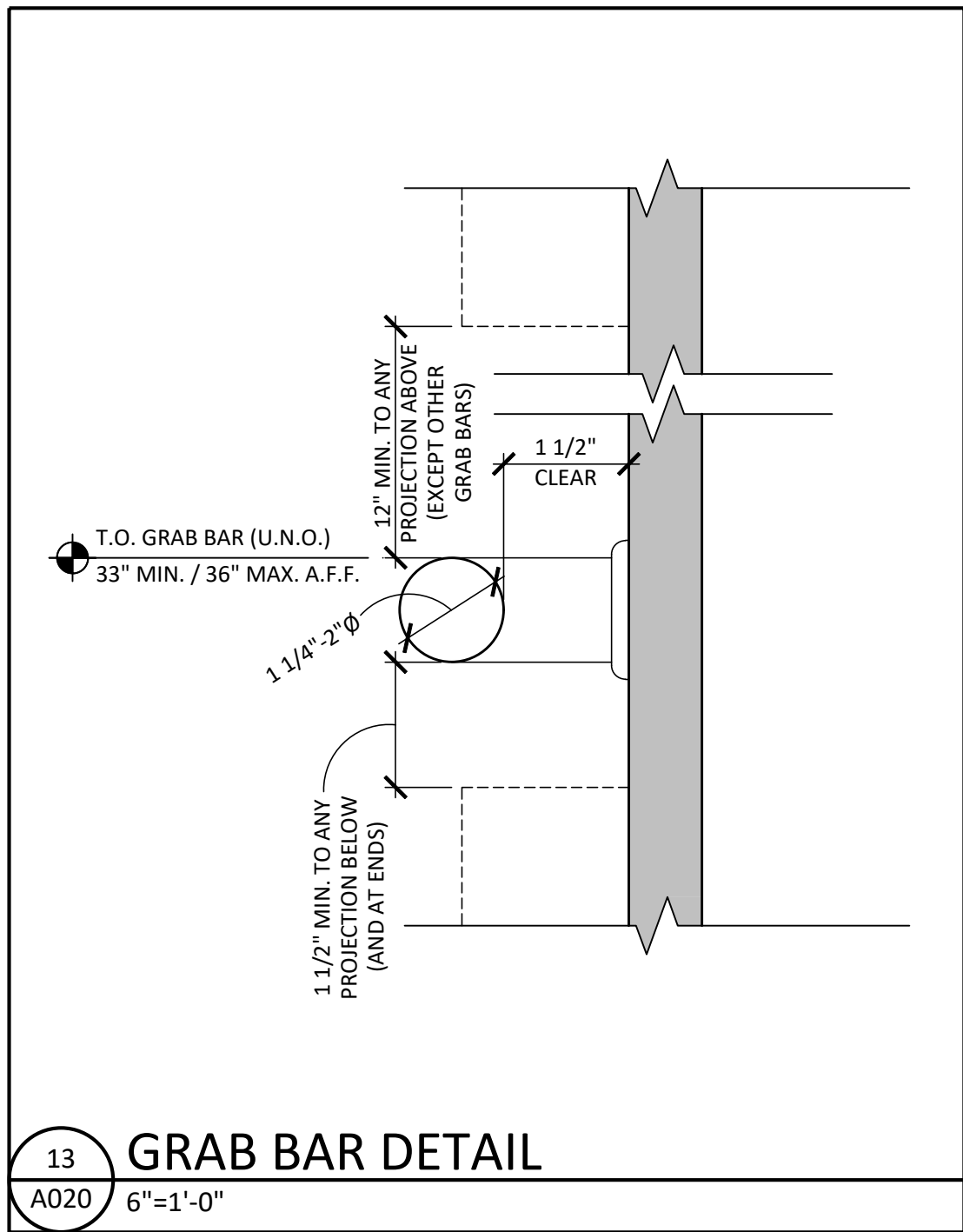
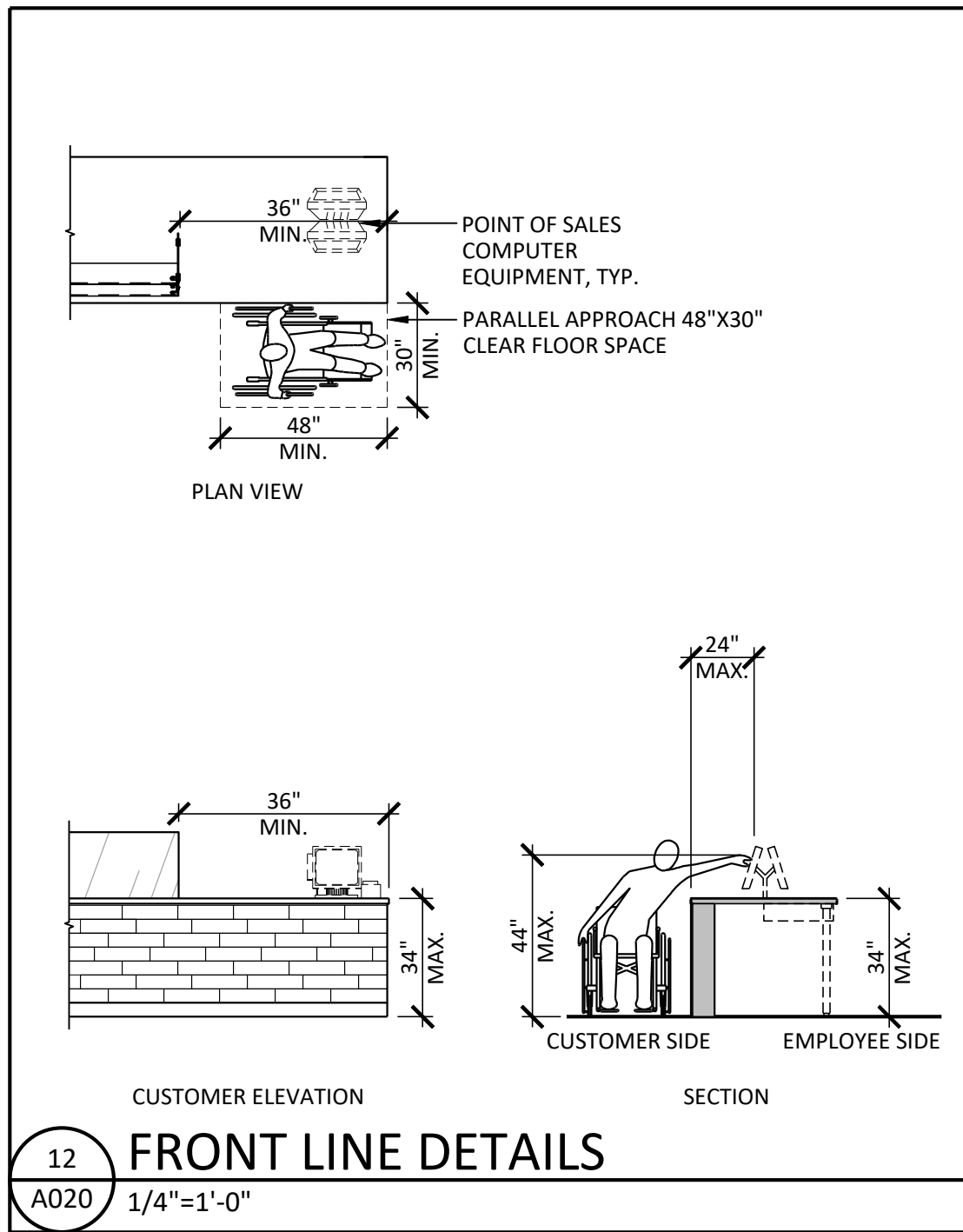
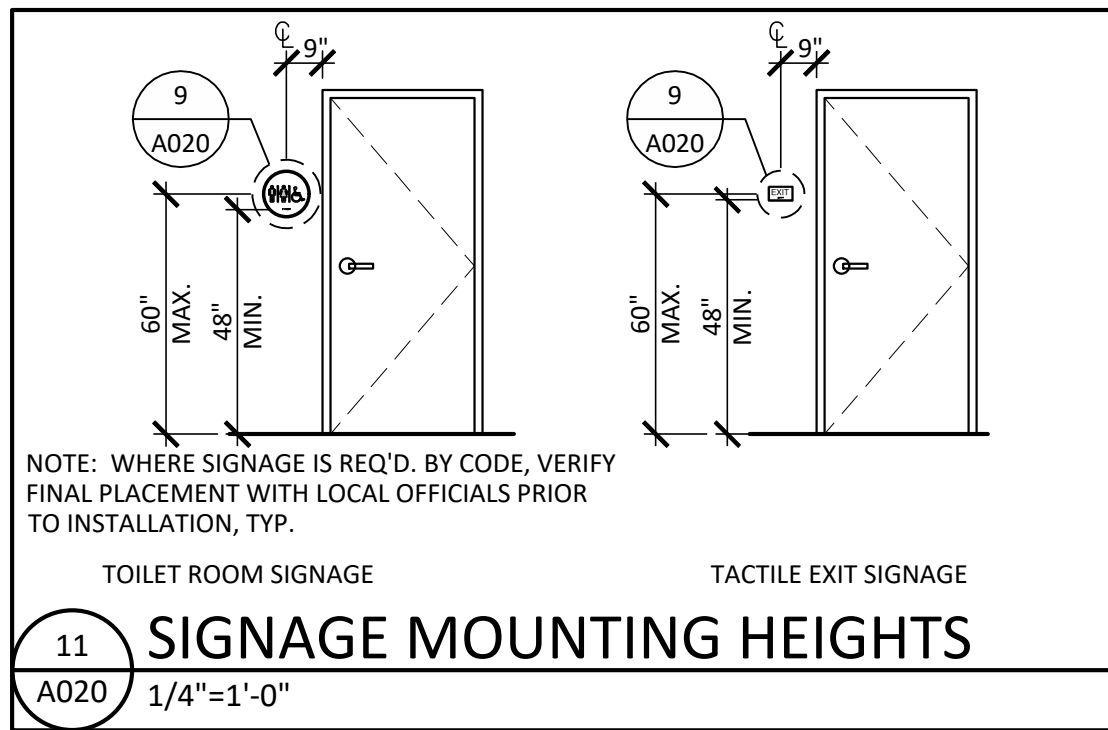
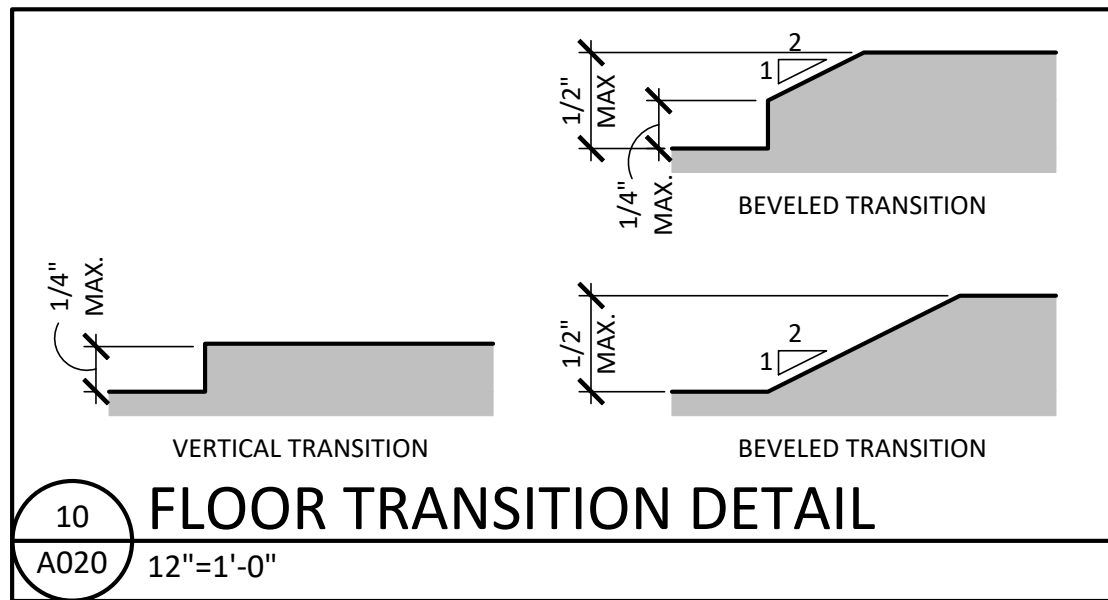
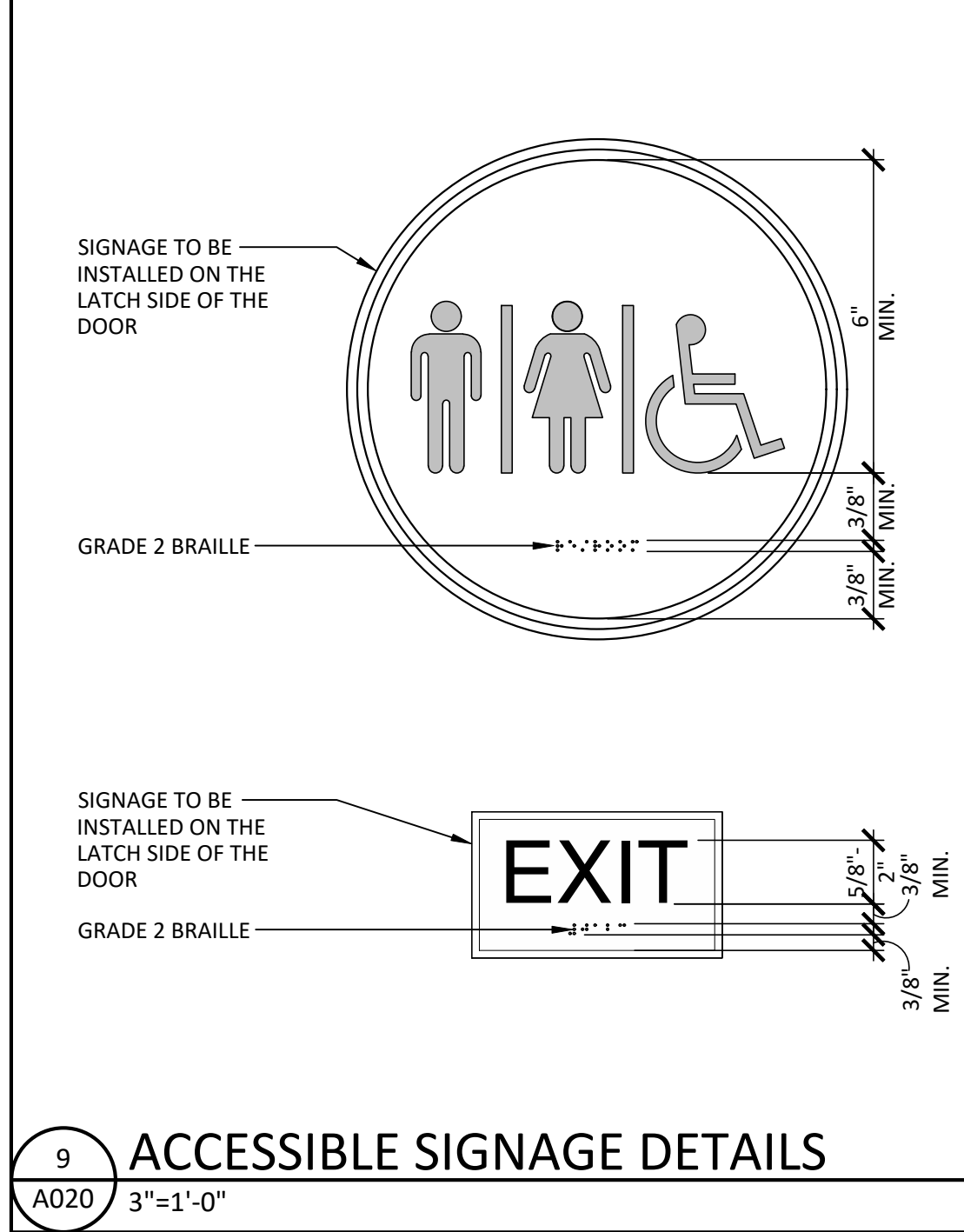
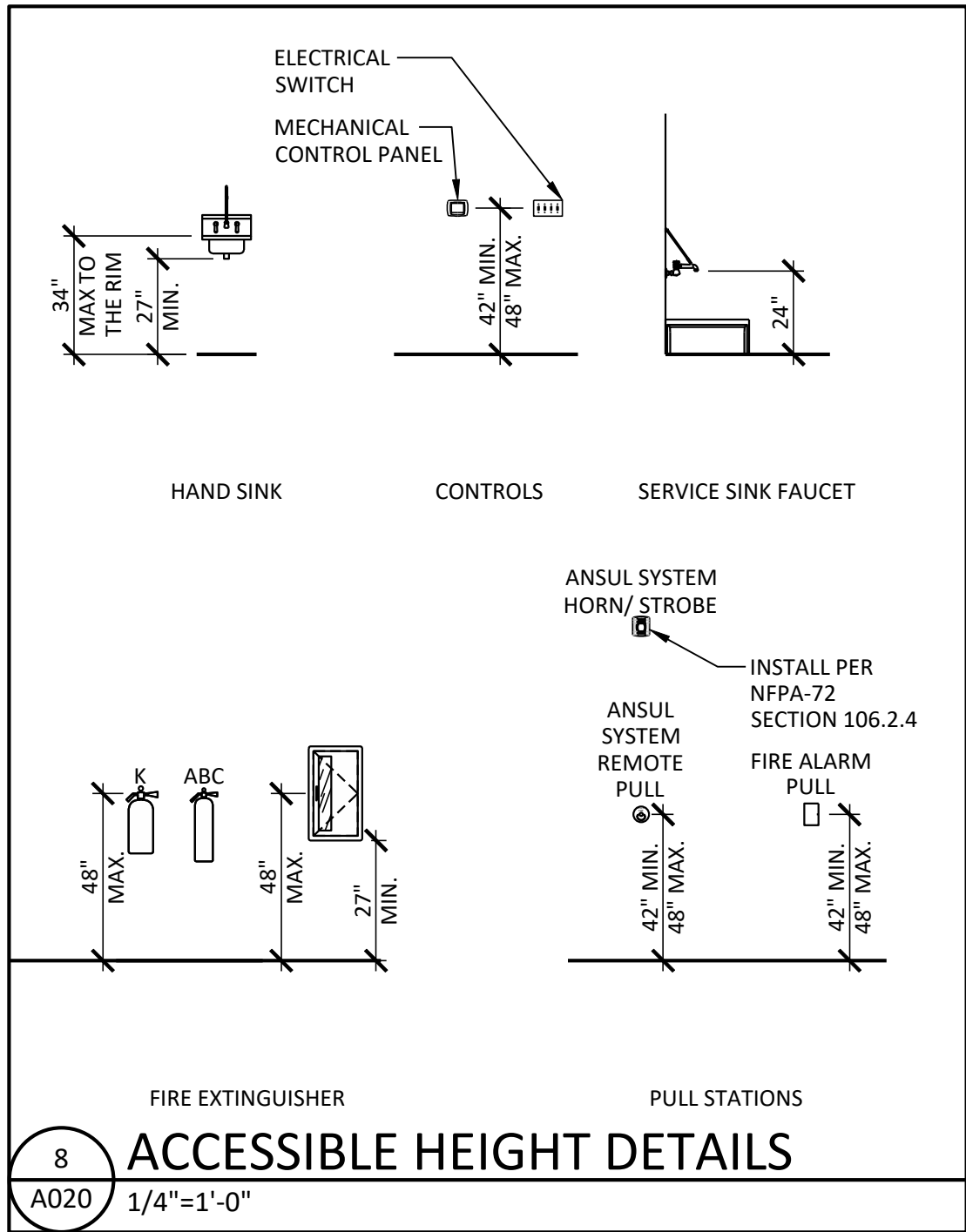
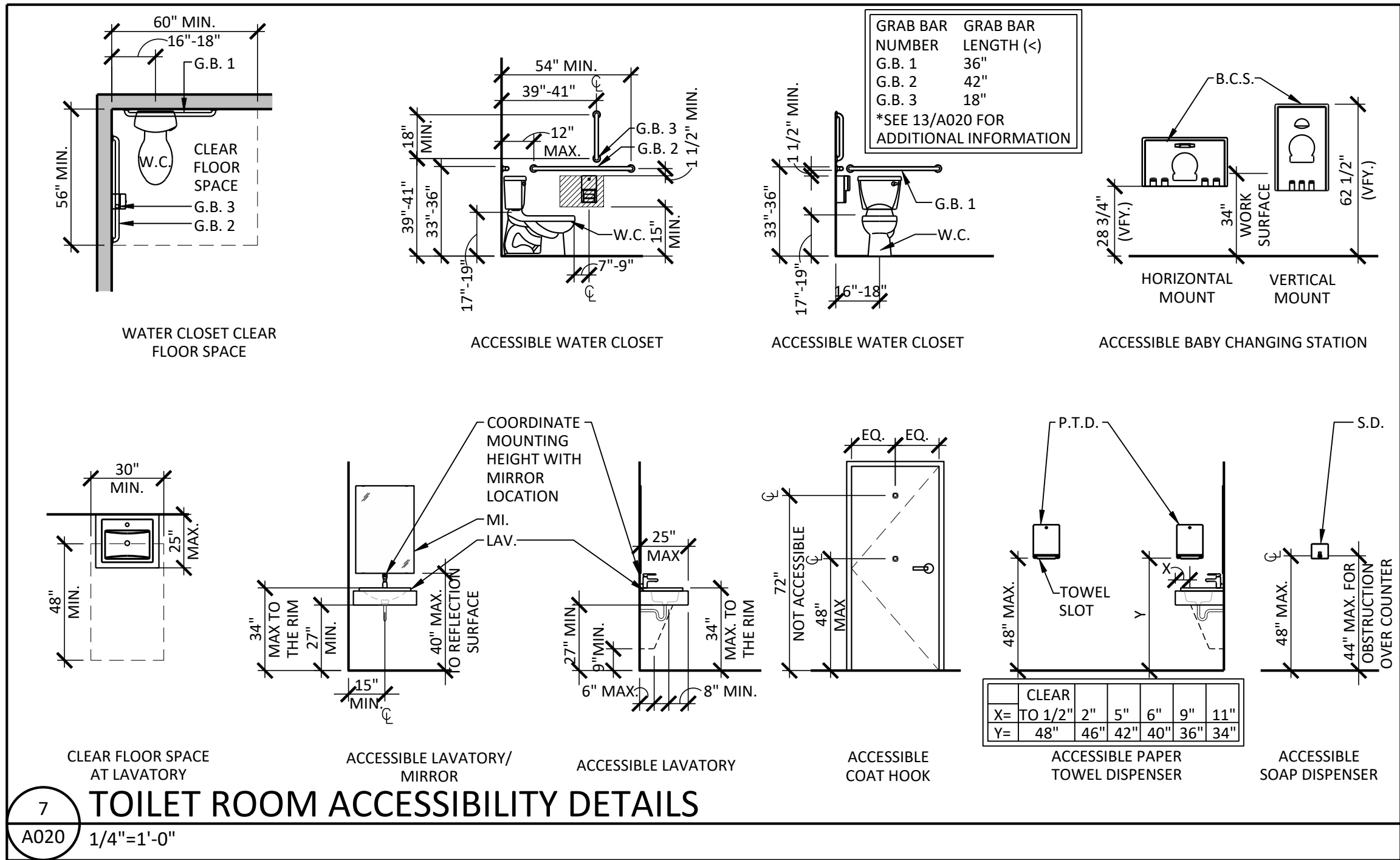
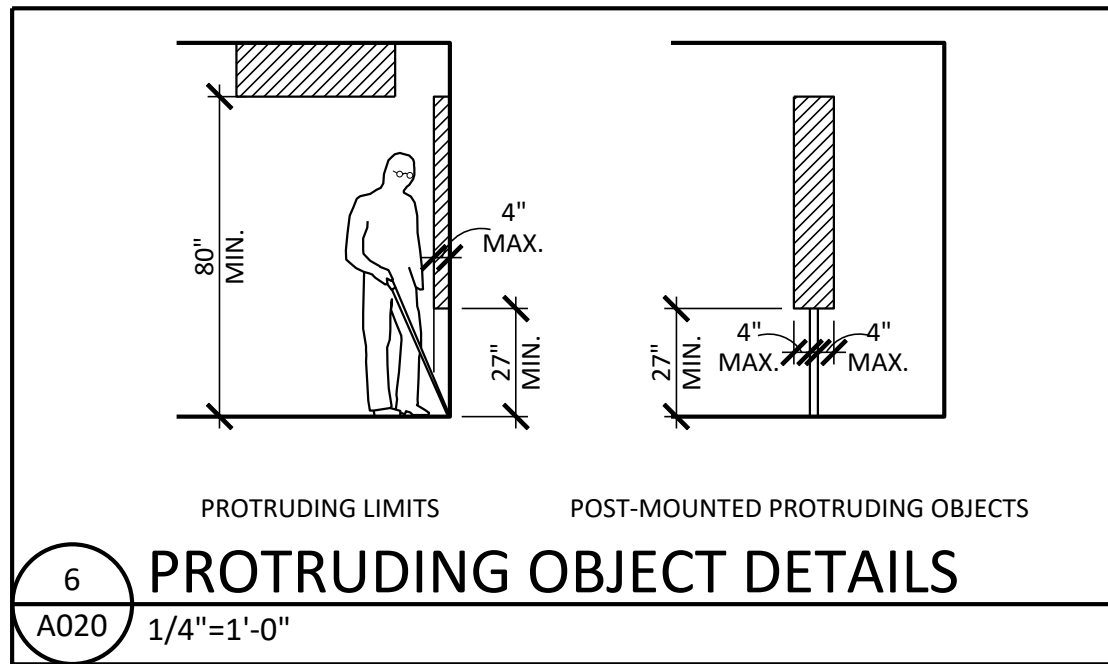
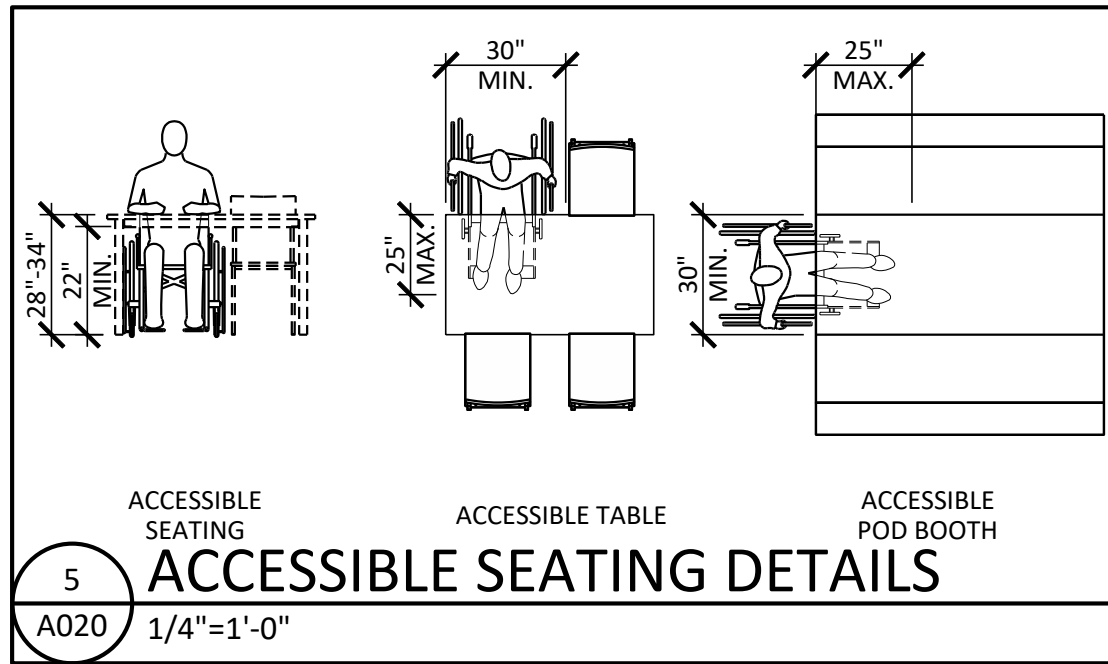
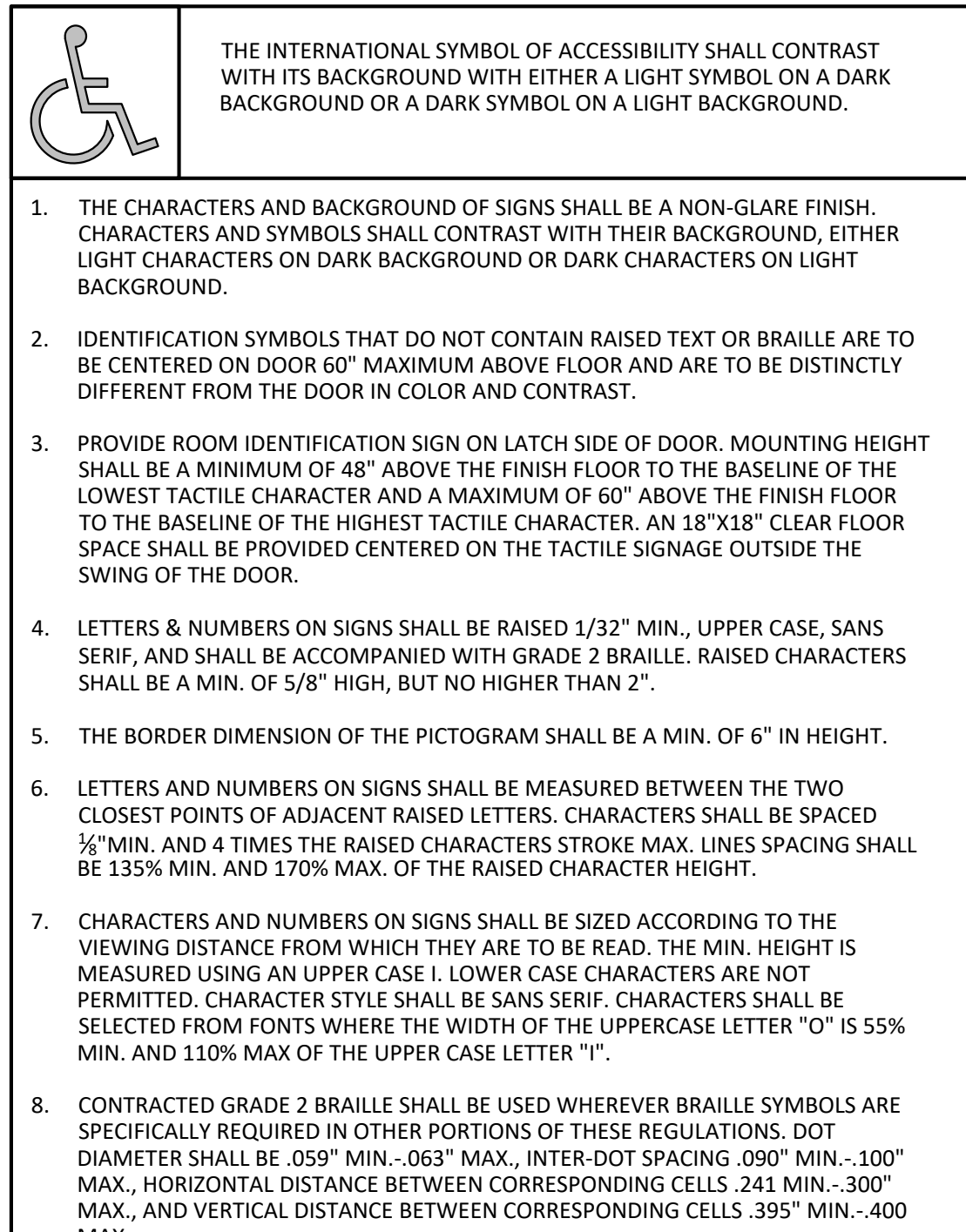
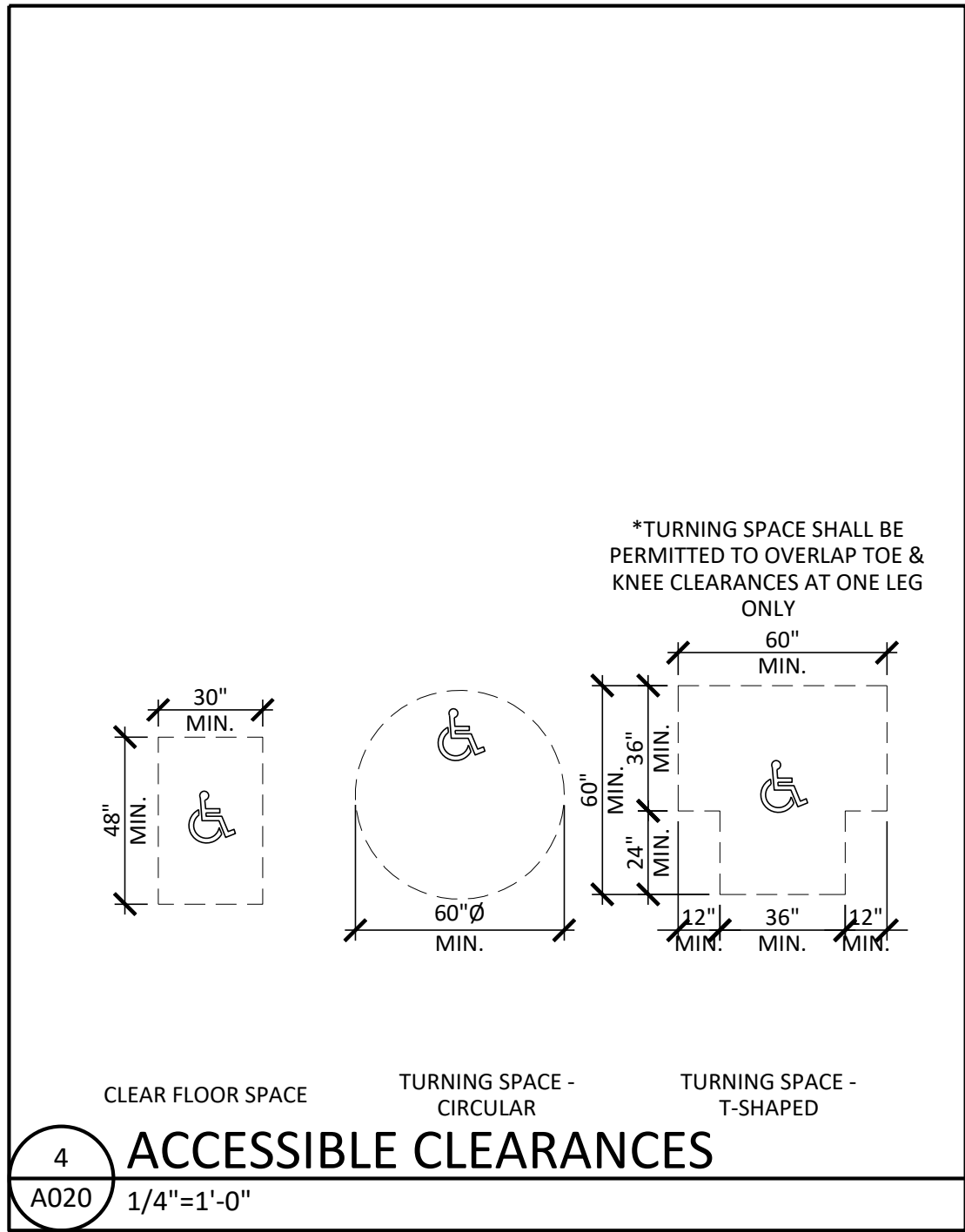
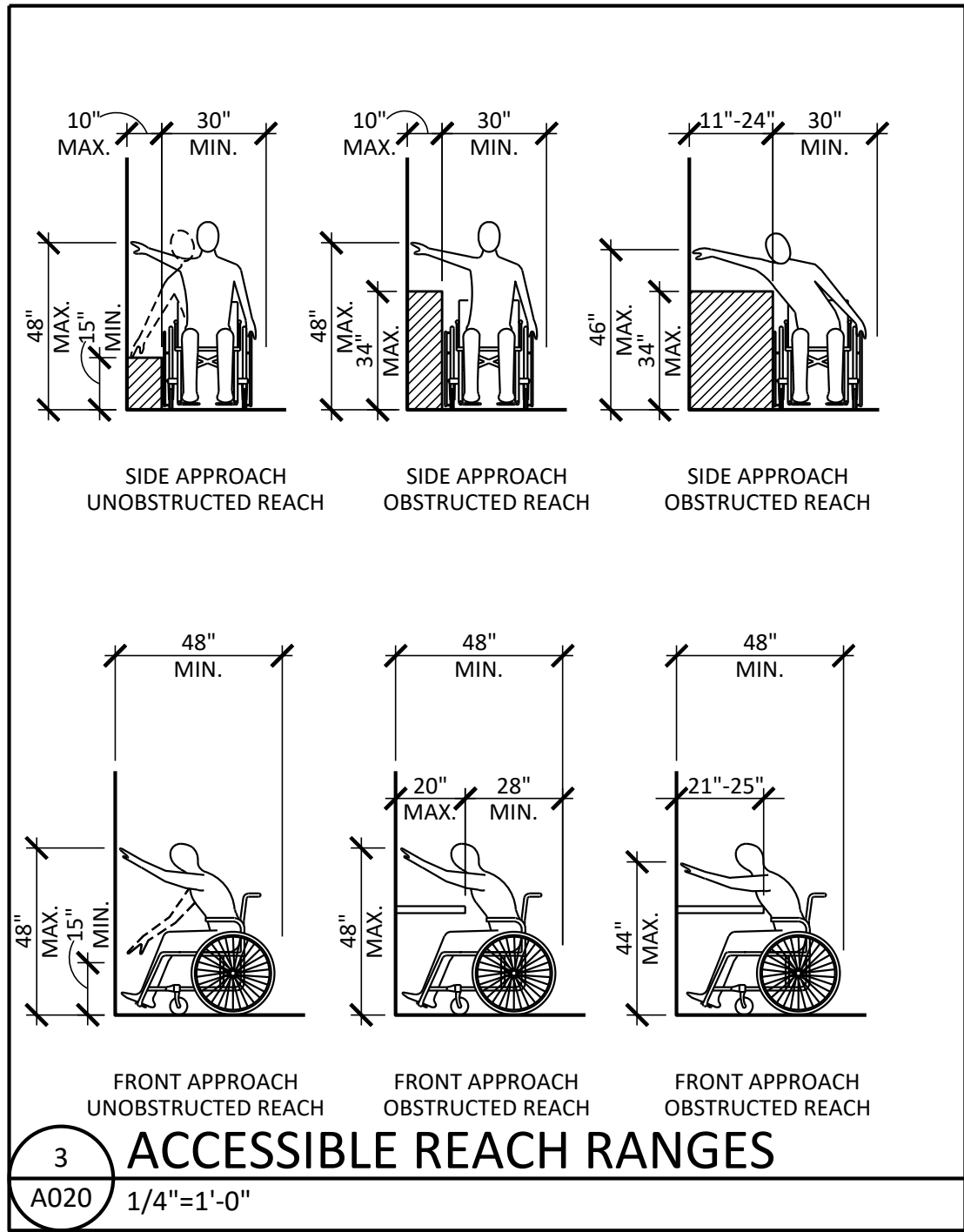
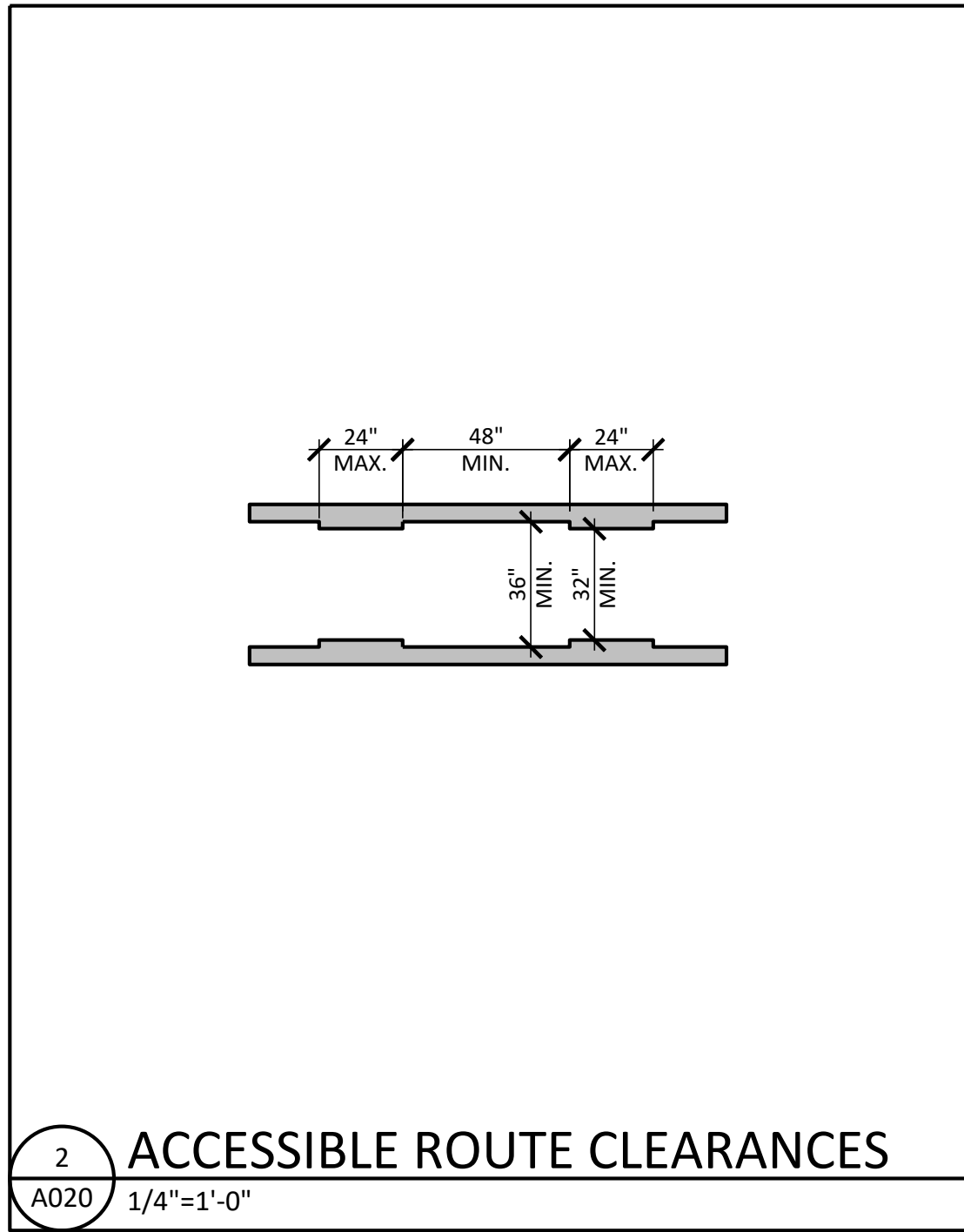
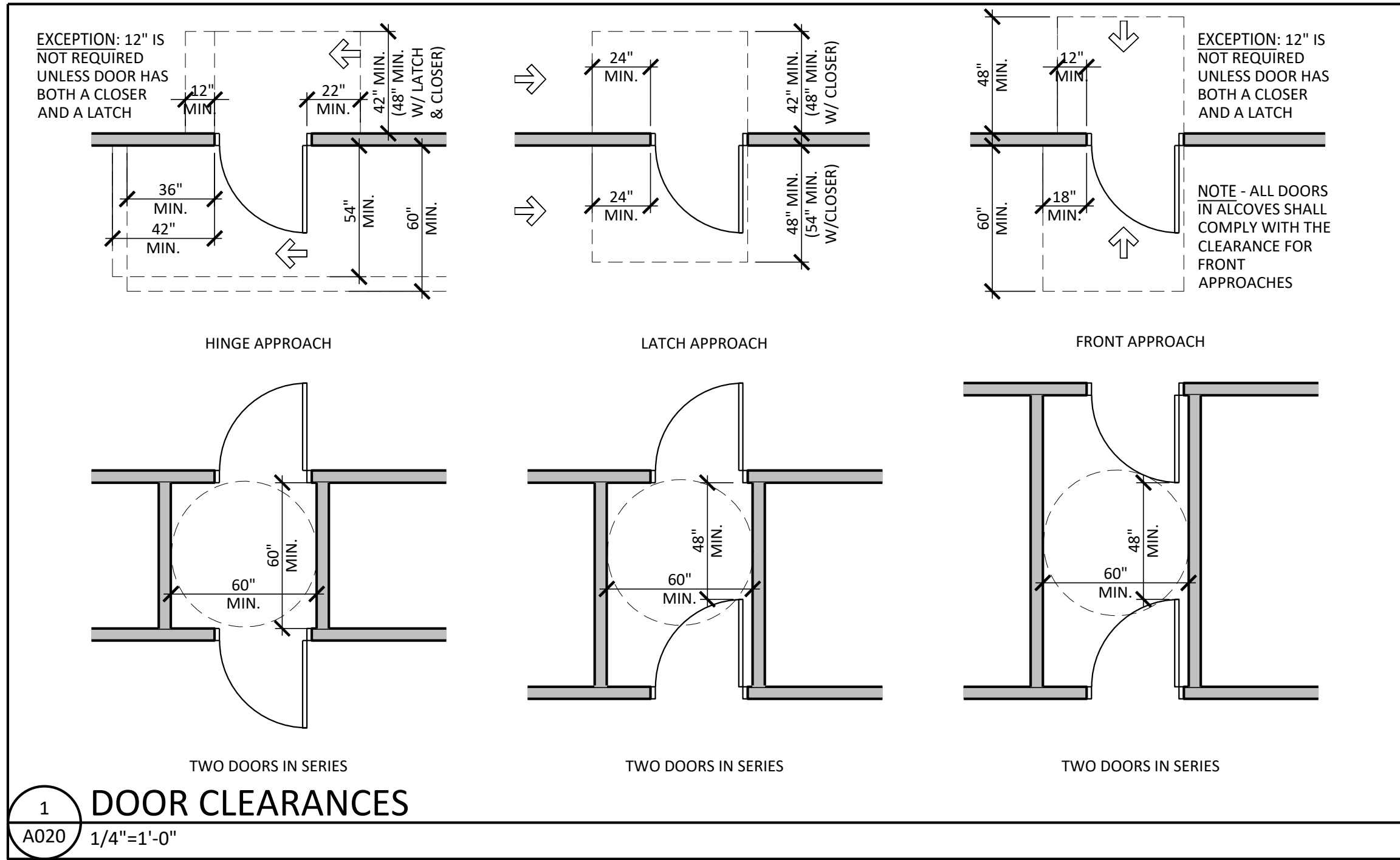
DINING SURFACES (IBC 1108.2.9.1)
• AT LEAST 5 PERCENT, BUT NO LESS THAN ONE, OF THE DINING SEATING TO BE ACCESSIBLE, DISTRIBUTED THROUGHOUT THE DINING AREA
• INTERIOR: 3 REQUIRED / 3 PROVIDED
• EXTERIOR: 2 REQUIRED / 3 PROVIDED

YES

TACTILE EXIT SIGN (IBC 1013.4)
• A TACTILE SIGN STATING 'EXIT' SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EXIT DISCHARGE

OC

POSTING OF OCCUPANT LOAD (IBC 1004.3)
• ASSEMBLY OCCUPANCY SPACES SHALL HAVE THE OCCUPANT LOAD POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT



RESPONSIBILITY SCHEDULE

R SHALL TAKE DELIVERY, PROVIDE SECURE STORAGE OF TENANT SUPPLIED ITEMS AND INSTALL AS INDICATED ON THE PLANS OR AS DIRECTED BY TENANT'S REPRESENTATIVE.

| FINISH | | INSTALL | | | REMARKS | FRONT OF HOUSE: VESTIBULE, QUEUING, DINING, HALLWAYS | | | | FURNISH | | | | INSTALL | | | | REMARKS |
|--------|----|---------|----|----|---|--|----|----|----|---------|----|----|----|---------|--|--|--|---------|
| C | LL | E | BB | GC | LL | | BB | GC | LL | E | BB | GC | LL | | | | | |
| | | | | ● | SEE DRAWINGS FOR WORK REQUIRED | BOOTHS / PODS | ● | | | ● | | | | | | BY CASEWORK VENDOR | | |
| | | | | ● | PATCH & REPAIR ANY MISSING BASE BUILDING FIRE PROOFING | TABLES & CHAIRS | ● | | | ● | | | | | | BY FURNITURE VENDOR | | |
| | | | | ● | AS REQUIRED BY LOCAL JURISDICTION AT RATED FLOOR & WALL PENETRATIONS | MEDIA TABLE & POSTS | | | | | | | | | | | | |
| | | | | ● | FIRE RETARDANT WHERE REQUIRED | QUEUING RAIL & POSTS | ● | | | ● | | | | | | BY CASEWORK VENDOR | | |
| | | | | ● | USED AS BLOCKING (FIRE RETARDANT WHERE REQUIRED) | TRASH / RECYCLING RECEPTACLES | ● | | | ● | | | | | | BY CASEWORK VENDOR | | |
| | | | | - | | MAGAZINE RACK | | | | | | | | | | | | |
| | | | | ● | | GRAPHIC POSTERS & VINYL GRAPHICS | ● | | | ● | | | | | | BY GRAPHICS VENDOR | | |
| | | | | | | EXIT & OCCUPANCY SIGNAGE | | ● | | | | ● | | | | - | | |
| | | | | | | ILLUMINATED WALL SIGNAGE | | | | | | | | | | | | |
| | | | | ● | TYPE & LOCATION PER PLANS & AS DIRECTED BY TENANT'S REPRESENTATIVE AT TIME OF PUNCH | ACRYLIC GRAPHICS & SUPPORTS | | | | | | | | | | | | |
| | | | | - | | PERFORATED METAL ARCHES | ● | | | | | | | | | BY CASEWORK VENDOR G.C. TO PROVIDE BLOCKING AS SPECIFIED BY BB BY CASEWORK VENDOR | | |
| | | | | ● | | CONDIMENT STATION MILLWORK | ● | | | ● | ● | | | | | SEE DRAWINGS FOR WORK REQUIRED | | |
| | | | | ● | SEE DRAWINGS FOR WORK REQUIRED | FRONT LINE WALL | | ● | | | ● | | | | | SEE FINISH RESPONSIBILITY FOR COUNTERTOP | | |
| | | | | ● | | ICE MACHINE AT SODA DISPENSER | ● | | | | ● | | | | | COORDINATE WORK WITH BALANCE OF DWGS. ICE MACHINE PROVIDED BY KITCHEN EQUIPMENT VENDOR AND INSTALLED BY G.C. | | |
| | | | ● | | SEE DRAWINGS FOR SPEAKER LOCATIONS | | | | | | | | | | | | | |
| | | | ● | | | | | | | | | | | | | | | |
| | | | ● | | SEE DRAWINGS FOR CAMERA LOCATIONS | BACK OF HOUSE: PREP, KITCHEN, SCULLERY, STORAGE | BB | GC | LL | E | BB | GC | LL | | | | | |
| | | | ● | - | | KITCHEN EQUIPMENT | ● | | | ● | ● | | | | | SET IN PLACE BY KITCHEN EQUIPMENT VENDOR W/ FINAL HOOK-UPS BY M.E.P. SUBCONTRACTOR | | |
| | | | | | | HOOD / EXHAUST SYSTEM | ● | | | ● | | | | | | SEE MECH./HOOD FOR WORK REQ'D - SUPPLIED BY KITCHEN EQUIP. VENDOR/INSTALLED BY G.C. | | |
| C | LL | E | BB | GC | LL | POLLUTION CONTROL UNIT | | | | | | | | | | | | |
| | | | ● | | - | WALK-IN COOLER | ● | | | ● | ● | | | | | COORDINATE WORK REQ'D. W/ K.E.V. | | |
| | | | ● | | - | INSECT FAN | ● | | | ● | | | | | | VEY. INSTALLER QUALIFICATIONS W/ LOCAL CODE PROVIDED BY KITCHEN EQUIPMENT VENDOR COORDINATE WITH EXIT SIGN/SEE ELEC. | | |
| | | | | | | BAG IN BOX | ● | | | ● | | | | | | BY SODA DISPENSER VENDOR | | |
| | | | ● | | - | CO ₂ | ● | | | ● | | | | | | BY CO ₂ VENDOR | | |
| | | | ● | | - | WATER FILTRATION SYSTEMS | ● | | | ● | | | | | | SET IN PLACE BY KITCHEN EQUIPMENT VENDOR W/ ALL HOOD-UPS BY PLUMBING CONTRACTOR | | |
| | | | ● | | - | MENU BOARDS - FRAME & GRAPHICS | ● | | | ● | | | | | | BY MENU BOARD VENDOR | | |
| | | | ● | | SEE DRAWINGS FOR WORK REQUIRED | VINYL GRAPHICS | ● | | | ● | | | | | | BY GRAPHICS VENDOR | | |
| | | | ● | | - | EXHAUST DOOR | | | | | | | | | | | | |
| | | | | | | DOUBLE ACTING SWING GATE | | | | | | | | | | | | |
| C | LL | E | BB | GC | LL | PERSONAL BELONGING STORAGE-EMPLOYEE COAT HOOKS | ● | ● | | | ● | | | | | - | | |
| | | | ● | | - | SAFE | ● | | | ● | | | | | | PROVIDED BY K.E.V. W/ G.C. TO BOLT TO THE GROUND PER TENANT'S SPECIFICATIONS | | |
| | | | ● | | - | MOP & BROOM HOLDER | ● | ● | | ● | | | | | | - | | |
| | | | ● | | - | SMALLWARES | ● | ● | | ● | | | | | | COORDINATE WITH TENANT REPRESENTATIVE | | |
| | | | ● | | REFER TO GENERAL NOTE P ON SHEET M100 | SEALANT / CAULKING | ● | ● | | ● | | | | | | CLEAR SILICONE CAULK AT WALL/FLOOR JOINTS SINKS, & EQUIPMENT AS REQ'D. BY HEALTH DEPT. | | |
| | | | | | | CROSS OVER BRIDGE | | | | | | | | | | | | |
| | | | | ● | - | FIXED LADDER & GUARDRAILS | | | | | | | | | | | | |
| | | | | ● | | | | | | | | | | | | | | |
| | | | ● | | COORD. W/ LIGHTING VENDOR & ELEC. DWGS.-E.C. TO VERIFY & COORDINATE DELIVERY | TOILET ROOMS | BB | GC | LL | E | BB | GC | LL | | | | | |
| | | | | | | WATER CLOSET | ● | | | | ● | | | | | - | | |
| | | | | | | URINAL | | | | | | | | | | | | |
| | | | ● | | G.C. TO PROVIDE ROUGH-IN BOXES & CONDUIT | LAVATORY SINK / FAUCET | | ● | | | ● | | | | | - | | |
| | | | ● | | - | LAVATORY COUNTERTOP | ● | | | | ● | | | | | BY CASEWORK VENDOR | | |
| | | | ● | | - | LAVATORY BLOCKING & SUPPORTS | ● | | | ● | | ● | | | | INCLUDING CONCEALED SUPPORT BRACKET | | |
| | | | ● | | - | TOILET ACCESSORIES | ● | | | | ● | | | | | - | | |
| | | | ● | | SEE DRAWING FOR WORK REQUIRED | TOILET PARTITIONS | | | | | | | | | | | | |
| | | | ● | | - | RESTROOM DIRECTIONAL & ACCESSIBILITY SIGNAGE | ● | | | ● | | | | | | BY GRAPHICS VENDOR | | |
| | | | ● | | - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | ● | | COORDINATE WORK WITH EXISTING LANDLORD COMMON | | | | | | | | | | | | | |

RESPONSIBILITY NOTES

1. ALL ITEMS ARE TO BE PROVIDED & INSTALLED BY THE G.C. UNLESS SPECIFICALLY NOTED OTHERWISE IN THE RESPONSIBILITY SCHEDULE ABOVE OR IN THE BALANCE OF THE CONSTRUCTION DOCUMENTS.
2. VERIFY ALL EXISTING UTILITIES PRIOR TO BID.
3. COORDINATE EXTENTS OF DEMOLITION WITH ALL DRAWINGS PRIOR TO BID.
4. VERIFY ALL MECHANICAL, ELECTRICAL, & PLUMBING SYSTEMS TO BE TIED TIGHT TO LANDLORD SYSTEMS, SUCH AS, BUT NOT LIMITED TO, GAS SERVICE, FIRE ALARMS/SPRINKLER, GREASE WASTE, WATER SERVICE, ETC. AT CONSTRUCTION COMMENCEMENT.
5. G.C. TO COORDINATE WITH ALL REQUIRED TENANT AND LANDLORD VENDORS FOR DELIVERY DATES, INSTALLATION REQUIREMENTS, ETC. G.C. TO PROVIDE MISCELLANEOUS BLOCKING & FRAMING, IN PREPARATION OF VENDOR INSTALLED ITEMS.

LANDLORD REQ'D.VENDORS

[illegible][illegible]

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

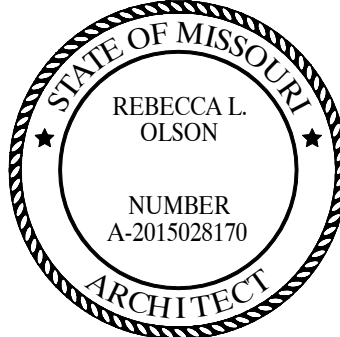
02/12/2021

finn daniels
ARCHITECTS

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Saint Paul, Minnesota 55116
651.690.5525
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Finn Daniels, Inc.
Missouri State Certificate of Authority #A-2016006102

SEAL/SIGNATURE: _____



REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057

BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: _____ SJV

CHECKED BY: _____ RLO

ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

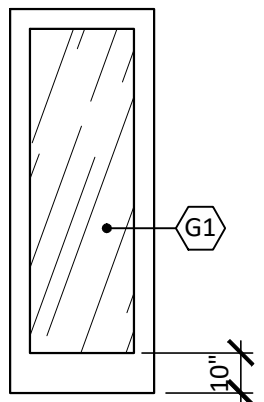
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RESPONSIBILITY SCHEDULE

A030

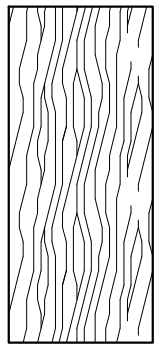
| DOOR SCHEDULE | | | | | | | | | | | | |
|---------------|---------------|--|------------------|-------------------|--------|--------------|------------------|---------------|---------------|------|------|-----------------|
| MARK | LOCATION | SIZE (NOMINAL) width x height x thickness | DOOR MATERIAL | FRAME MATERIAL | RATING | DOOR TYPE | HWDWARE GROUP | FRAME TYPE | DETAIL NUMBER | | | REMARKS / NOTES |
| | | | | | | | | | HEAD | JAMB | SILL | |
| 101A | VESTIBULE | (PR) 3'-0" x 8'-0" (E) | ALUM./ GLAZING | ALUMINUM (E) | - | EXIST. | 2 | EXIST. | - | - | - | 1 |
| 101B | VESTIBULE | 3'-0" x 8'-0" | ALUM. / GLAZING | ALUMINUM | - | A | 3 | 2 | - | - | - | - |
| 101C | VESTIBULE | 3'-0" x 8'-0" | ALUM. / GLAZING | ALUMINUM | - | A | 3 | 3 | - | - | - | - |
| 102 | DINING | 3'-0" x 8'-0" (E) | ALUM. / GLAZING | ALUMINUM (E) | - | EXIST. | 4 | EXIST. | - | - | - | - |
| 106 | OFFICE | 3'-0" x 7'-0" (E) | H.M. | H.M. (E) | - | EXIST. | 5 | EXIST. | - | - | - | 2 |
| 109 | FAMILY TOILET | 3'-0" x 7'-0" x 1 3/4" | S.C. WOOD | H.M. | - | B | 1 | 1 | - | - | - | - |
| 110 | FAMILY TOILET | 3'-0" x 7'-0" x 1 3/4" | S.C. WOOD | H.M. | - | B | 1 | 1 | - | - | - | - |

DOOR TYPES



A

ALUMINUM / GLAZING ENTRY
BLACK ANODIZED
ALUMINUM WITH GLASS PANEL



B

FLUSH SWING DOOR
SOLID CORE WOOD
(STAIN/SEAL)
PLAIN SLICED RED OAK
STAINED P8

| HARDWARE GROUPS | |
|--|--|
| <p>'1' TOILET ROOMS</p> <p>(3) - HINGES- HAGER BB1279 4 1/2" x 4 1/2" 26D</p> <p>(1) - CLOSER- FALCON SC70 HEAVY DUTY</p> <p>(1) - PRIVACY LOCKSET- SCHLAGE ND40 (RHODES) 26D</p> <p>(2) - COAT HOOKS- SEE SHEET A500 FOR ADD'L. INFO.</p> <p>(1) - FLOOR STOP- HAGER 242F 26D</p> | <p>'4' DINING</p> <p>(3) - (E) PIVOT HINGE</p> <p>(1) - (E) CLOSER</p> <p>(1) - (E) TOUCH BAR EXIT DEVICE WITH INTEGRAL CYLINDER WITH INTERCHANGEABLE CORE</p> <p>(1) - (N) CYLINDER CORE</p> <p>(1) - (E) PUSH BARS EXIT DEVICE</p> <p>(1) - (E) OFFSET PULL</p> <p>(1) - (E) STOP</p> <p>(1) - (E) KICKPLATE</p> <p>(1) - (E) SET WEATHERSTRIPPING</p> <p>(1) - (E) ALUMINUM THRESHOLD</p> |
| <p>'2' VESTIBULE</p> <p>(6) - (E) PIVOT HINGES</p> <p>(2) - (E) CLOSERS</p> <p>(2) - (E) TOUCH BAR EXIT DEVICE WITH INTEGRAL CYLINDER WITH INTERCHANGEABLE CORES</p> <p>(2) - (N) CYLINDER CORES</p> <p>(2) - (E) CONCEALED VERTICAL RODS</p> <p>(1) - (E) OFFSET PULLS</p> <p>(2) - (N) "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" SIGNAGE</p> <p>(2) - (E) STOPS</p> <p>(1) - (E) KICKPLATE</p> <p>(1) - (E) SET WEATHERSTRIPPING</p> <p>(1) - (E) ALUMINUM THRESHOLD</p> | <p>'5' REAR DOOR</p> <p>(4) - (E) HINGES</p> <p>(1) - (E) CLOSER</p> <p>(1) - (E) TOUCH BAR EXIT DEVICE WITH INTEGRAL CYLINDER WITH INTERCHANGEABLE CORE</p> <p>(1) - (N) CYLINDER CORE</p> <p>(1) - (E) LEVER PULL</p> <p>(1) - (E) SWEEP</p> <p>(1) - (E) SET WEATHERSTRIPPING</p> <p>(1) - (E) ALUMINUM THRESHOLD</p> <p>(1) - (E) VIEWER</p> <p>(1) - (E) RAIN GUARD</p> <p>(1) - (E) LATCH GUARD</p> <p>(1) - (E) KICK DOWN</p> <p>(1) - (E) KICKPLATE</p> <p>(1) - (E) DOORBELL</p> |
| <p>'3' VESTIBULE</p> <p>(4) - HINGES</p> <p>(1) - CLOSER</p> <p>(1) - PUSH BAR</p> <p>(1) - OFFSET PULL</p> <p>(1) - FLOOR STOP- HAGER 242F 26D</p> | <p>NOTE: EXISTING DOOR HARDWARE TO REMAIN NOTED (E). ALL OTHER HARDWARE TO BE NEW (N).</p> <p>NOTE: G. C. TO VERIFY CONDITION OF ALL EXISTING HARDWARE. REPLACE AS NECESSARY.</p> |

DOOR HARDWARE NOTES

| | |
|---|---|
| <p>1. ALL CLOSET DOOR HARDWARE SHALL COMPLY WITH APPLICABLE FEDERAL & STATE ACCESSIBILITY REQUIREMENTS INCLUDING THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.</p> <p>2. G.C. SHALL VERIFY ALL EXISTING DOOR HARDWARE PER SPECIFIC CODE REQUIREMENTS FOR THIS FACILITY, WHEN REMAINING.</p> <p>3. THE MAXIMUM FORCE REQUIRED TO OPERATE ANY DOOR SHALL COMPLY AS FOLLOWS:</p> <ul style="list-style-type: none">A. INTERIOR DOORS = 5 LBS.B. EXTERIOR DOORS = 8.5 LBS.C. FIRE-RATED DOORS = MINIMUM ALLOWABLE BY APPROPRIATE ADMINISTRATIVE AUTHORITY. <p>4. G.C. SHALL COORDINATE ALL HARDWARE GROUPS, KEYING & FINISHES WITH TENANT PRIOR TO ORDER.</p> <p>5. INSTALL HARDWARE PER MANUFACTURER'S RECOMMENDATIONS.</p> <p>6. HARDWARE SHALL INCLUDE ALL NECESSARY ACCESSORIES SUCH AS SCREWS, BOLTS, NUTS, ANCHORS, TOGGLE BOLTS, AND OTHER FASTENERS AS REQUIRED FOR A COMPLETE INSTALLATION.</p> <p>7. G.C. SHALL COORDINATE THE INSTALLING OF ALL CYLINDER LOCKS WITH THE TENANT.</p> <p>8. ALL HARDWARE ON ALUMINUM DOORS & FRAMES SHALL BE FINISHED TO MATCH DOOR & FRAME FINISH, TYP.</p> | <p>9. INTERIOR DOOR HARDWARE SHALL BE US26D FINISH, TYPICALLY, U.N.O.</p> <p>10. PER IBC 1010.1.9.4 LOCKS AND LATCHES:</p> <ul style="list-style-type: none">2.1: THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED2.2: POST SIGN AT THE EGRESS SIDE OF DOOR, STATING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." THE TEXT SHALL BE 1" HIGH ON A CONTRASTING BACKGROUND <p>11. ALL DOORS SHALL BE SUPPLIED WITH WALL, DOOR, OR OVERHEAD STOPS UNLESS NOTED OTHERWISE.</p> <p>12. G.C. TO PROVIDE DOOR STOPS AT ALL WALLS ADJACENT TO WALK-IN COOLER DOORS. DOOR STOPS TO BE HAGER 236W 32D OR APPROVED EQUAL. SEE WALK-IN COOLER DRAWINGS (N.I.C.) FOR ADDITIONAL INFORMATION.</p> |
|---|---|

DOOR FRAME TYPES

MULLION HEIGHTS TO MATCH EXISTING STOREFRONT CONDITION

1 HOLLOW METAL
PAINT P2

2 ALUMINUM GLAZING SYSTEM
2" x 4 1/2" BLACK ALUMINUM FRAME TO MATCH EXISTING WITH GLAZING AS SCHEDULED

3 ALUMINUM GLAZING SYSTEM
2" x 4 1/2" BLACK ALUMINUM FRAME TO MATCH EXISTING WITH GLAZING AS SCHEDULED

4 1/2"x4 1/2" BREAK METAL CORNER MULLION TO MATCH ALUMINUM FRAME SYSTEM

GLAZING TYPES

| | |
|----|--|
| G1 | 1/4" TEMPERED CLEAR GLASS |
| G2 | 1/4" TEMPERED CLEAR GLASS WITH SEMI-TRANSPARENT VINYL GRAPHIC APPLIED |

GLAZING NOTES

1. PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE, TYP.
2. ALL GLAZING LOCATED WITHIN 24" OF DOORS TO BE TEMPERED/SAFETY GLAZING AS REQUIRED BY CODE.
3. ALL GLAZING BE CENTER SET TO MATCH EXISTING BUILDING STANDARD, UNLESS NOTED OTHERWISE.
4. NEW EXTERIOR GLAZING SHALL MEET ALL CURRENT APPLICABLE CODE REQUIREMENTS INCLUDING MAXIMUM U-VALUE & SHGC SET POINTS AS OUTLINED IN CURRENT ENERGY CONSERVATION CODES.

| GENERAL DOOR NOTES | |
|---|---|
| 1. SEE SPECIFICATIONS FOR STOREFRONT GLAZING SYSTEM & GLASS SPECIFICATIONS. | 9. G.C SHALL VERIFY CONDITION OF ALL EXISTING DOORS & HARDWARE TO REMAIN. REPLACE OR REFURBISH ALL REQUIRED TO ENSURE DOOR & HARDWARE IS FULLY FUNCTIONAL & WEATHERTIGHT. REMOVE ANY EXISTING SIGNAGE, DECALS, UNUSED ALARM DEVICES, ETC. |
| 2. ALL FRAMES ARE SHOWN FROM EXTERIOR, TOP. | 10. REFURBISH ALL EXISTING DOORS LISTED TO REMAIN TO FULLY FUNCTIONAL CONDITION. |
| 3. COORDINATE HOLLOW METAL FRAME WIDTH REQUIRED WITH ACTUAL WALL TYPE THICKNESS OF SCHEDULED WALL TYPE. | 11. ALL STOREFRONT SYSTEMS USED IN EXTERIOR APPLICATIONS TO BE THERMALLY BROKEN. |
| 4. VERIFY ALL ROUGH OPENING SIZES WITH DOOR & FRAME MANUFACTURER. | |
| 5. INSTALL ALL FRAMES & DOORS PER MANUFACTURER'S DETAILS & GUIDELINES. | |
| 6. TENANT'S G.C. SHALL FIELD VERIFY EXISTING CONDITIONS & ALTER SPECIFICATIONS AS REQUIRED TO MATCH EXISTING BUILDING SHELL WHEN INDICATED. CONTACT TENANT & ARCHITECT IMMEDIATELY TO NOTIFY IF FIELD CONDITIONS VARY FROM THOSE NOTED IN THE PLANS HEREIN. | |
| 7. ALUMINUM GLAZING SYSTEM COLOR TO MATCH EXISTING ADJACENT STOREFRONT GLAZING SYSTEMS. VERIFY IN FIELD. | |
| 8. HORIZONTAL GLAZING MULLIONS TO BE PROVIDED AND INSTALLED SUCH THAT THE ELEVATION OF THE MULLIONS MATCHES EXISTING STOREFRONT SYSTEMS. GENERAL CONTRACTOR TO VERIFY IN FIELD. | |

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REBECCA L. OLSON - ARCHITECT
MO #A-2015028170



BIBIBOP

asian grill

STREETS OF
WEST PRYOR

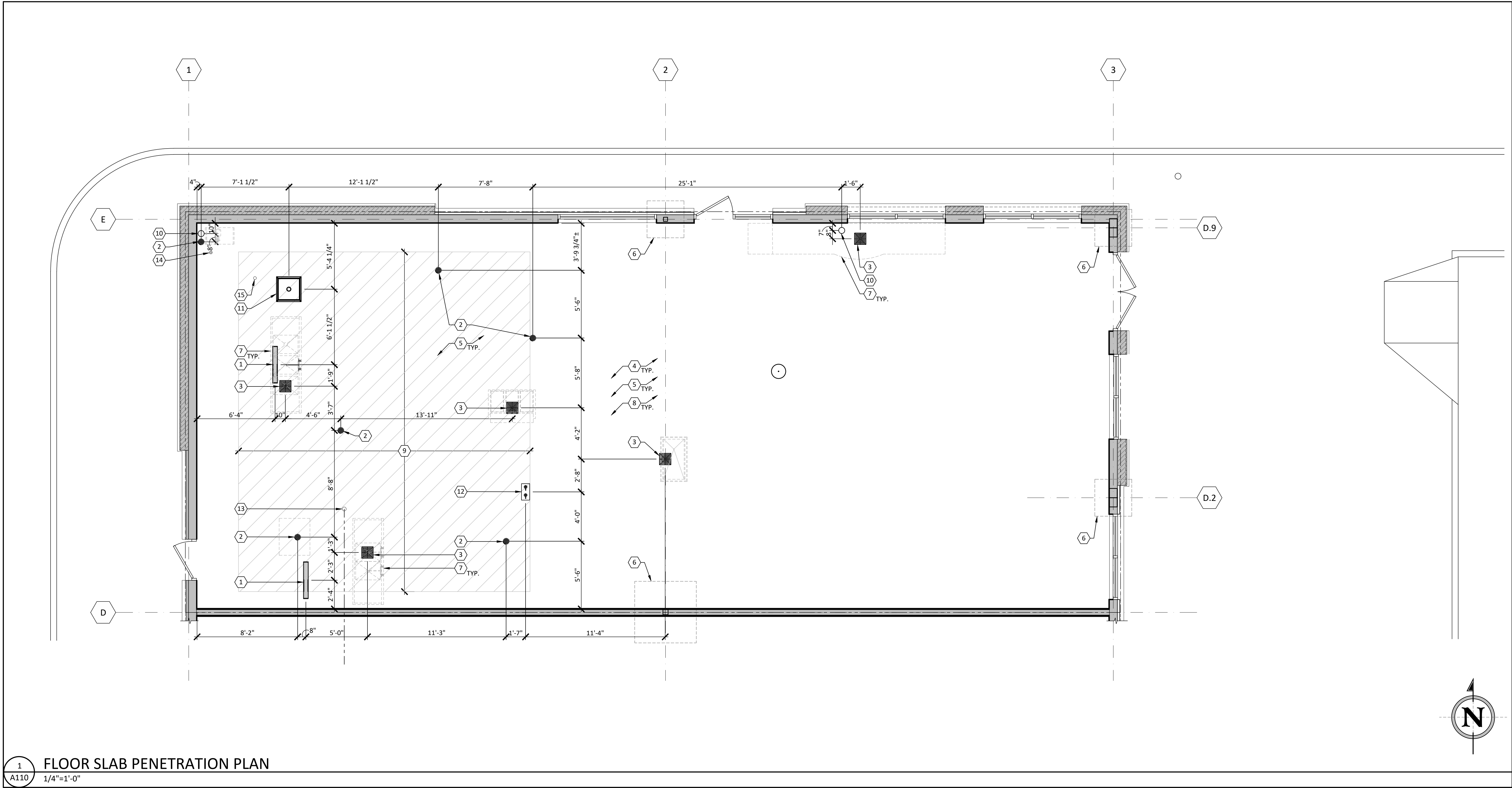
BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

DRAWN BY: _____ SJV

ISSUES AND REVISIONS:

OPENING SCHEDULE & DETAILS

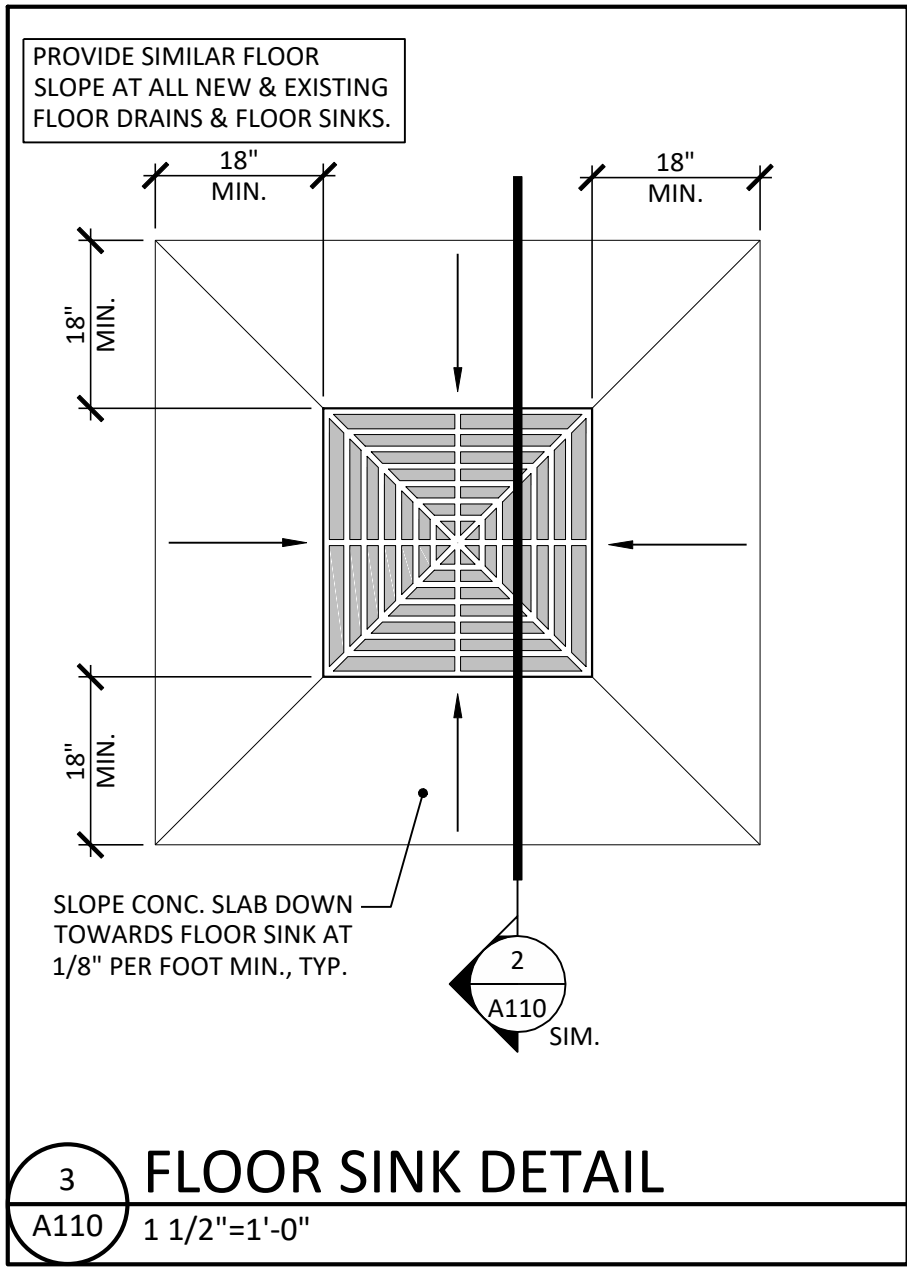
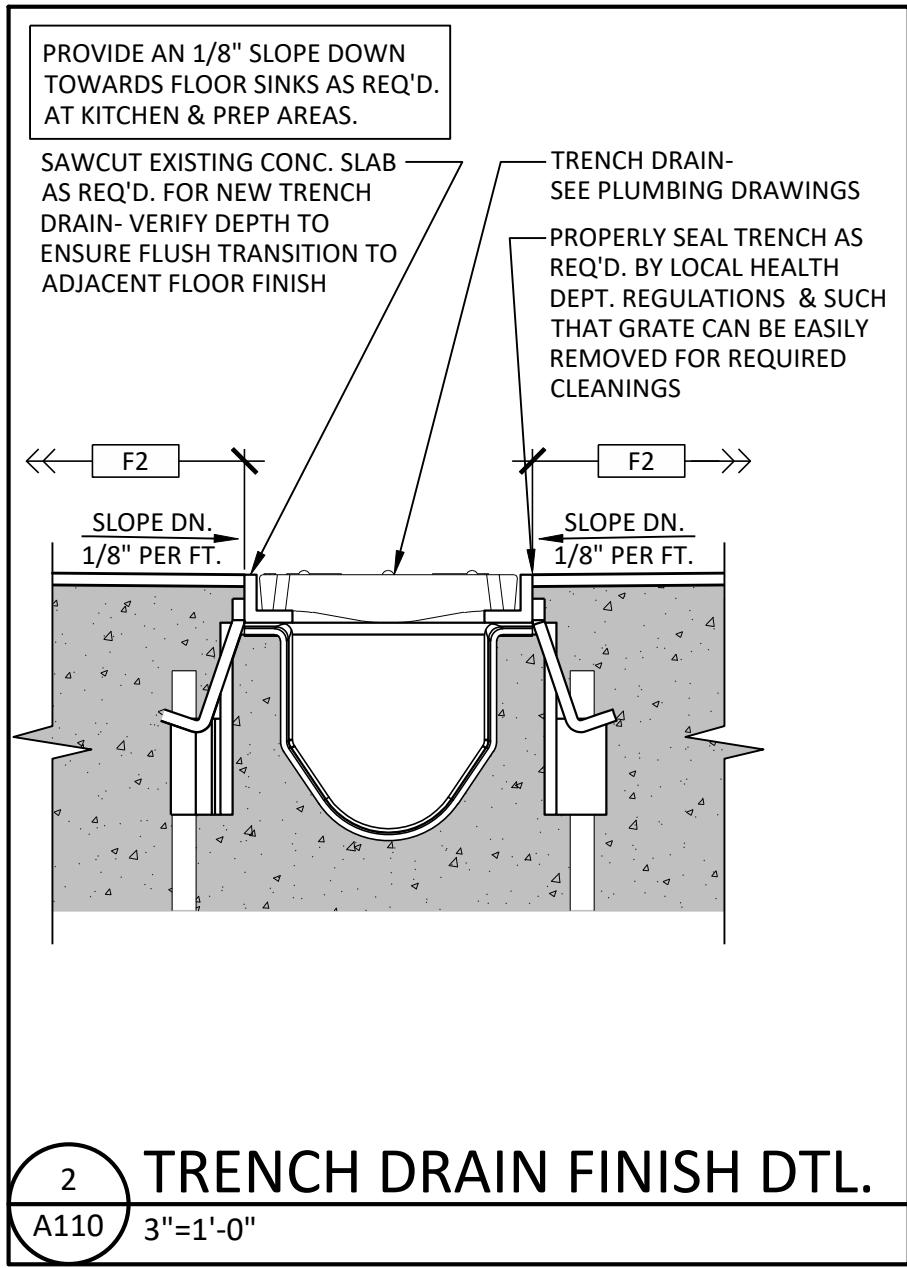
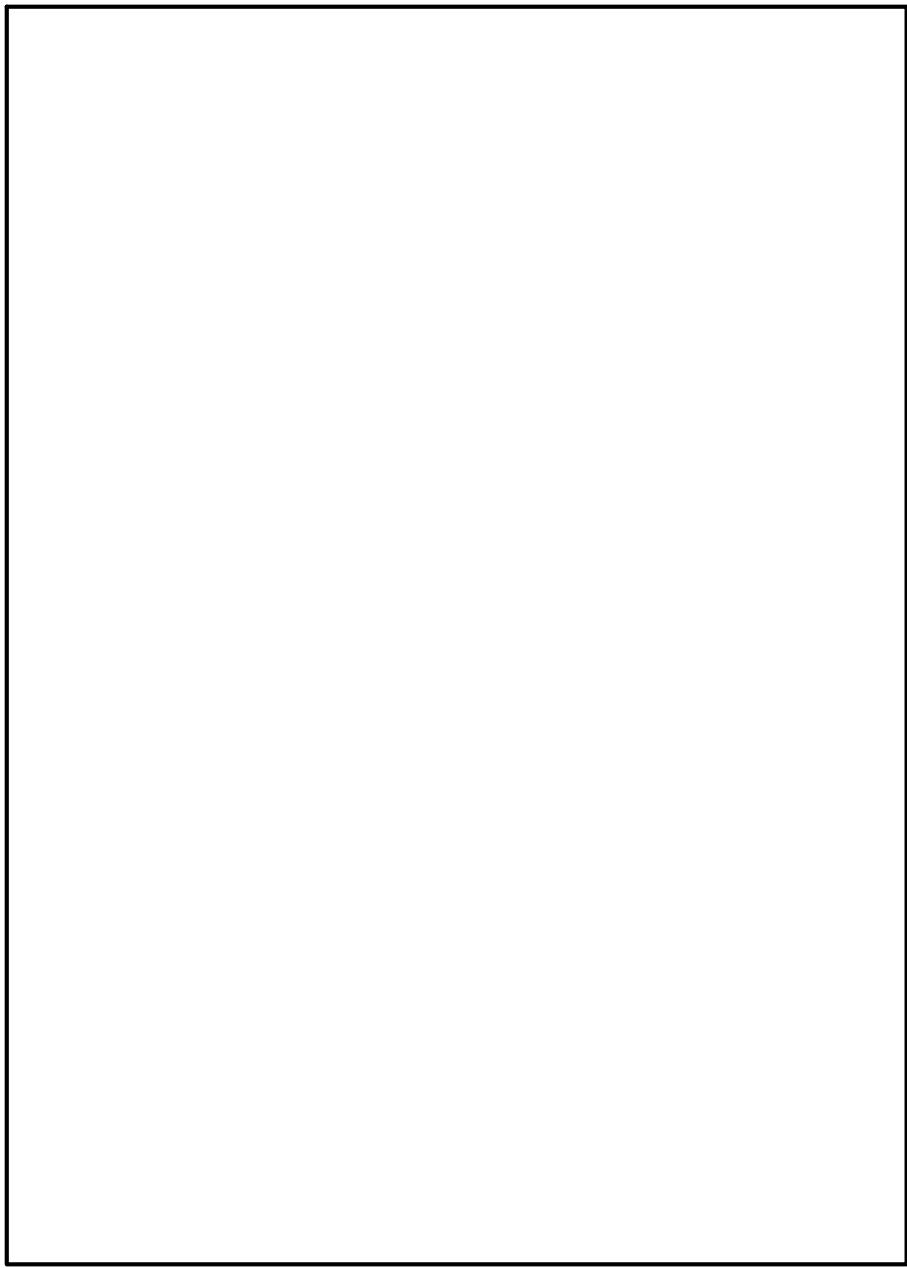
A040



1 FLOOR SLAB PENETRATION PLAN
A110 1/4"=1'-0"

| FLOOR SLAB PENETRATION PLAN KEY NOTES | |
|---------------------------------------|---|
| 1 | FLOOR TRENCH DRAIN. SEE DETAIL 2/A110 & PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. |
| 2 | FLOOR DRAIN. COORDINATE FINAL LOCATIONS WITH KITCHEN EQUIPMENT VENDOR AND PLUMBING DRAWINGS. |
| 3 | FLOOR SINK FOR KITCHEN EQUIPMENT. FLOOR SINK TO BE LOCATED SUCH THAT EQUIPMENT LEGS & BASES ARE NOT DIRECTLY PLACED ON TOP OF DRAIN COVER. SEE DETAIL 3/A110 FOR ADDITIONAL INFORMATION. COORDINATE FINAL LOCATION WITH KITCHEN EQUIPMENT VENDOR AND PLUMBING DRAWINGS. |
| 4 | CAULK/SEAL ALL FLOOR DRAIN/SINK/CLEANOUTS TO SURROUNDING FINISH SUCH THAT WATER DOESN'T INFILTRATE BELOW FLOOR FINISH AT FLOOR PENETRATIONS. CONTRACTOR TO ENSURE PROPER OPERATIONAL USE IS MAINTAINED INCLUDING ALLOWING DRAIN COVERS TO BE REMOVED FOR ROUTINE CLEANING. |
| 5 | CONCRETE FLOOR SHALL SLOPE TOWARDS ALL NEW & EXISTING FLOOR DRAINS, SINKS, & TRENCHES. VERIFY AMOUNT OF SLOPE ALLOWABLE IN THE FIELD. SEE DETAIL 3/A110 FOR ADDITIONAL INFORMATION. |
| 6 | ASSUMED COLUMN FOOTING BELOW SHOWN DASHED FOR REFERENCE. PROTECT AS REQUIRED DURING DEMOLITION & CONSTRUCTION. CONTRACTOR TO VERIFY SIZE AND LOCATION IN FIELD PRIOR TO CUTTING FLOOR DRAIN/SINK/TRENCH. NOTIFY ARCHITECT IMMEDIATELY IF CONFLICT OCCURS & PROPOSED DRAIN LOCATIONS ARE AFFECTED. |
| 7 | DASHED LINES INDICATE TENANT KITCHEN EQUIPMENT / WALLS SHOWN FOR REFERENCE. FLOOR PENETRATIONS ARE TO BE COORDINATED WITH BALANCE OF CONSTRUCTION DRAWINGS AND KITCHEN EQUIPMENT VENDOR PRIOR TO CONSTRUCTION TO ENSURE PROPER FUNCTION OF EQUIPMENT ASSOCIATED WITH FIXTURE. |
| 8 | PORTION OF CONCRETE SLAB TO BE REMOVED IS TO BE TRENCHED WITH CLEAN & STRAIGHT CUTS. AREA OF FLOOR SLAB REMOVED FOR UNDER SLAB PLUMBING AND ELECTRICAL SERVICES SHALL BE REPLACED WITH "LIKE NEW" CONSTRUCTION BUT IN NO CASE LESS THAN 4" CONCRETE SLAB WITH 6X6-W1.4/21.4 WWF AT MID-DEPTH. DOWEL PIN TO EXISTING SLAB AS REQUIRED. ALL INFILL SHALL BE FLUSH AND SMOOTH WITH EXISTING CONCRETE SLAB TO REMAIN. |
| 9 | EXISTING CONCRETE SLAB "LEAVE OUT" SHOWN HATCHED. UNDER SLAB WORK IS TO BE COMPLETED PRIOR TO NEW CONCRETE SLAB INSTALLATION. SEE SHEET A120 FOR ADDITIONAL INFORMATION. |
| 10 | 6" PVC PIPE SLEEVE FOR SODA SYSTEM. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. |
| 11 | SERVICE SINK. COORDINATE WORK WITH PLUMBING DRAWINGS AS REQUIRED. |
| 12 | 14"x8"x6"H CONCRETE CURB FOR ISLAND ELECTRICAL SERVICE. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT VENDOR. SEE SHEET A210, DETAIL 14/A510 & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. |
| 13 | EXISTING BUILDING COMMON GREASE WASTE LINE TO REMAIN. COORDINATE WORK REQUIRED WITH LANDLORD. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. |
| 14 | EXISTING WATER LINE THROUGH SLAB. RELOCATE AS NECESSARY TO ACCESS NEW KITCHEN EQUIPMENT. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION. |
| 15 | EXISTING FLOOR CLEAN OUT TO REMAIN. IF NECESSARY, LOWER DRAIN/COVER AS REQUIRED TO PREVENT TRIP HAZARDS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. |

| GENERAL SLAB NOTES | |
|--------------------|---|
| 1. | G.C. TO VERIFY EXISTING CONDITIONS IN THE FIELD. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION. |
| 2. | COORDINATE ALL WORK WITH KITCHEN EQUIPMENT VENDOR, STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS. FINAL PENETRATION LOCATIONS ARE TO BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL CODE REQUIREMENTS. CONTACT ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARISE IN THE FIELD. |
| 3. | ALL DIMENSIONS ARE FROM THE FACE OF NEW GYP. BD. SURFACE TO THE CENTERLINE OF PLUMBING FIXTURE UNLESS NOTED OTHERWISE. |
| 4. | ALL FLOOR DRAIN, FLOOR SINK, CLEANOUTS, OR TRENCH DRAIN COVERS ARE TO BE FLUSH WITH FLOOR FINISH UNLESS OTHERWISE DIRECTED BY LOCAL JURISDICTION. |
| 5. | NOT ALL PENETRATION ROUGH-IN LOCATIONS ARE INDICATED ON THIS PLAN. COORDINATE REMAINING FLOOR SLAB PENETRATIONS WITH ELECTRICAL AND PLUMBING DRAWINGS. |
| 6. | LANDLORD IS RESPONSIBLE TO PROVIDE DOCUMENTATION AND LAYOUTS APPLICABLE TO ANY UNDERGROUND OR UNDER CONCRETE SLAB ACTIVE UTILITY SERVICE LINES WITHIN THE TENANT'S LEASE SPACE PRIOR TO TENANT'S CONSTRUCTION. SERVICE LINES INCLUDE, BUT ARE NOT LIMITED TO: PLUMBING, ELECTRICAL, MECHANICAL, ETC. G.C. TO COORDINATE TRENCHING WORK, BASED ON LANDLORD'S PROVIDED INFORMATION, SO AS NOT TO DISTURB REQUIRED LANDLORD / BUILDING UTILITY SERVICES. BIBIBOP IS NOT RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND / UNDER SLAB SERVICES THE LANDLORD HAS NOT MADE THE TENANT OR TENANT'S CONTRACTOR AWARE OF PRIOR TO DEMOLITION & CONSTRUCTION. |
| 7. | VERIFY ANY EXISTING FLOOR DRAINS, SINKS, TRENCHES, & CLEANOUTS TO REMAIN ARE FLUSH WITH NEW FLOOR FINISH AS INDICATED ON ARCHITECTURAL & PLUMBING PLANS. REPLACE OR ADJUST HEIGHT OF FLOOR FIXTURE AS REQUIRED FOR SMOOTH & LEVEL TRANSITION. |
| 8. | FLOORING SHALL SLOPE TOWARDS FLOOR DRAINS & FLOOR SINKS WHERE POSSIBLE. CONTRACTOR TO VERIFY AMOUNT OF SLOPE ALLOWABLE IN THE FIELD. |
| 9. | FLOOR SLAB CUTTING TO BE BY WET SAW. PATCH TO MATCH EXISTING CONSTRUCTION AS REQUIRED. COORDINATE REQUIREMENTS WITH LANDLORD'S DESIGN CRITERIA. |



RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI

02/12/2021

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REBECCA L. OLSON

NUMBER A-2015028170

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REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

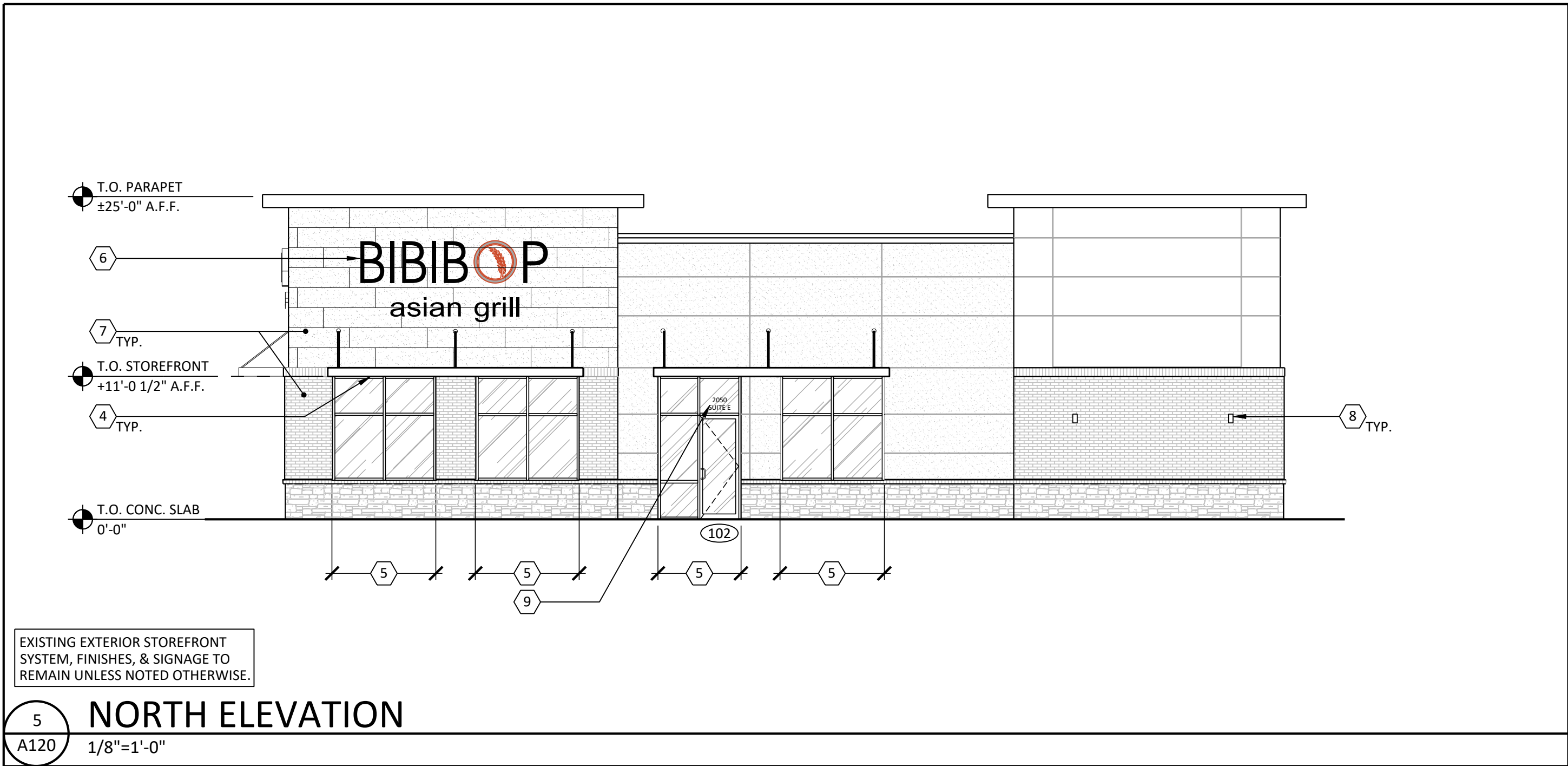
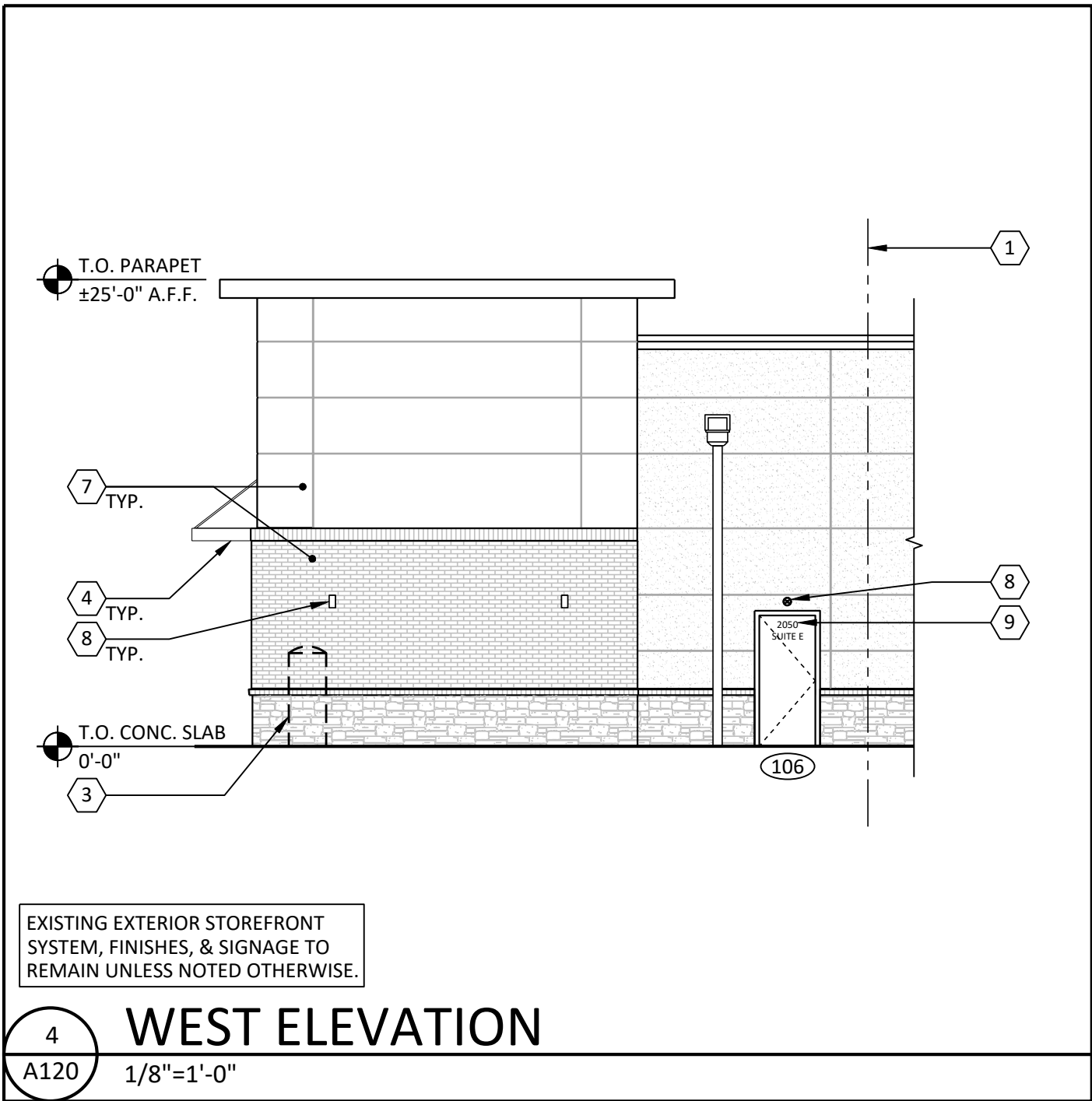
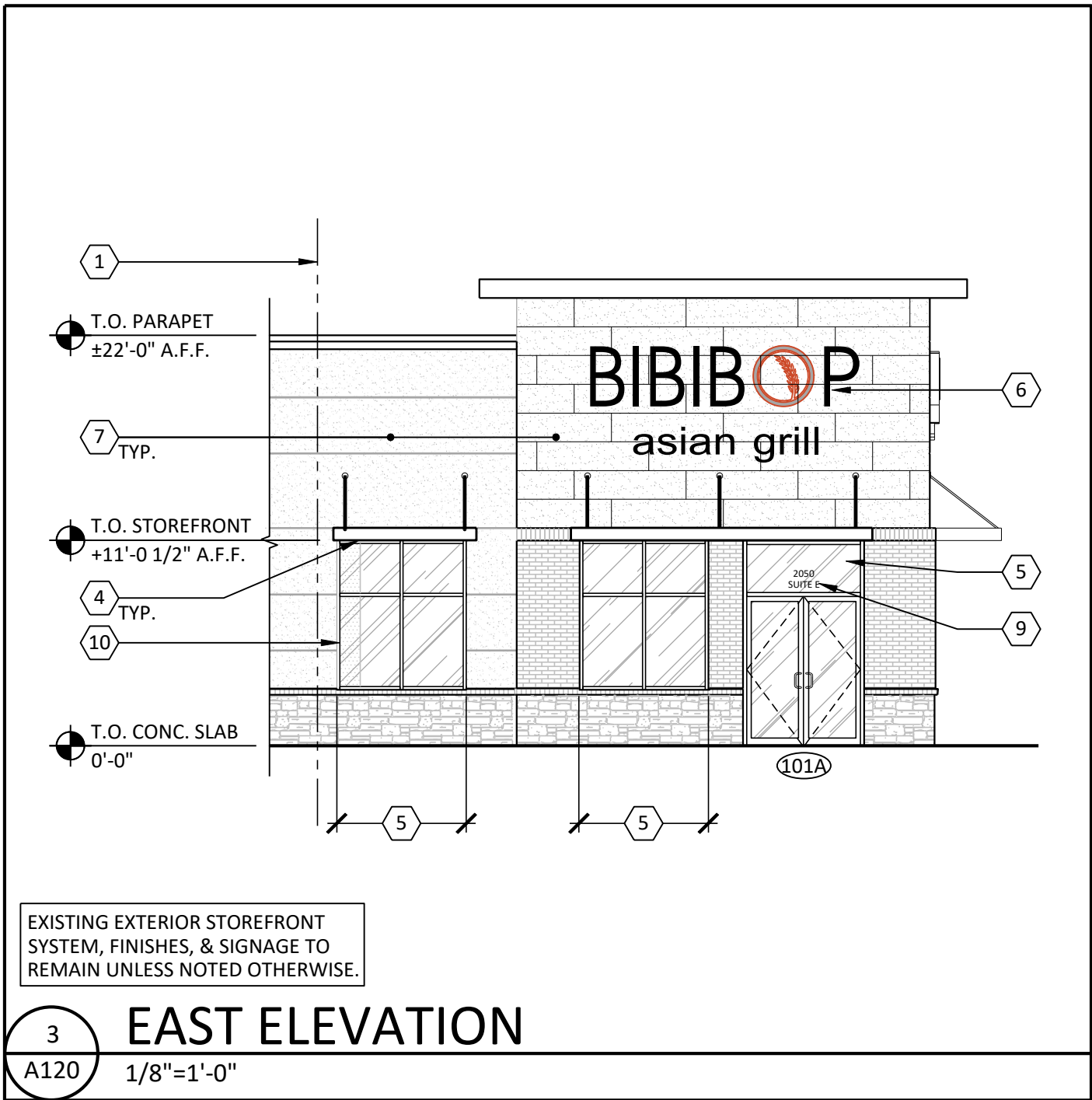
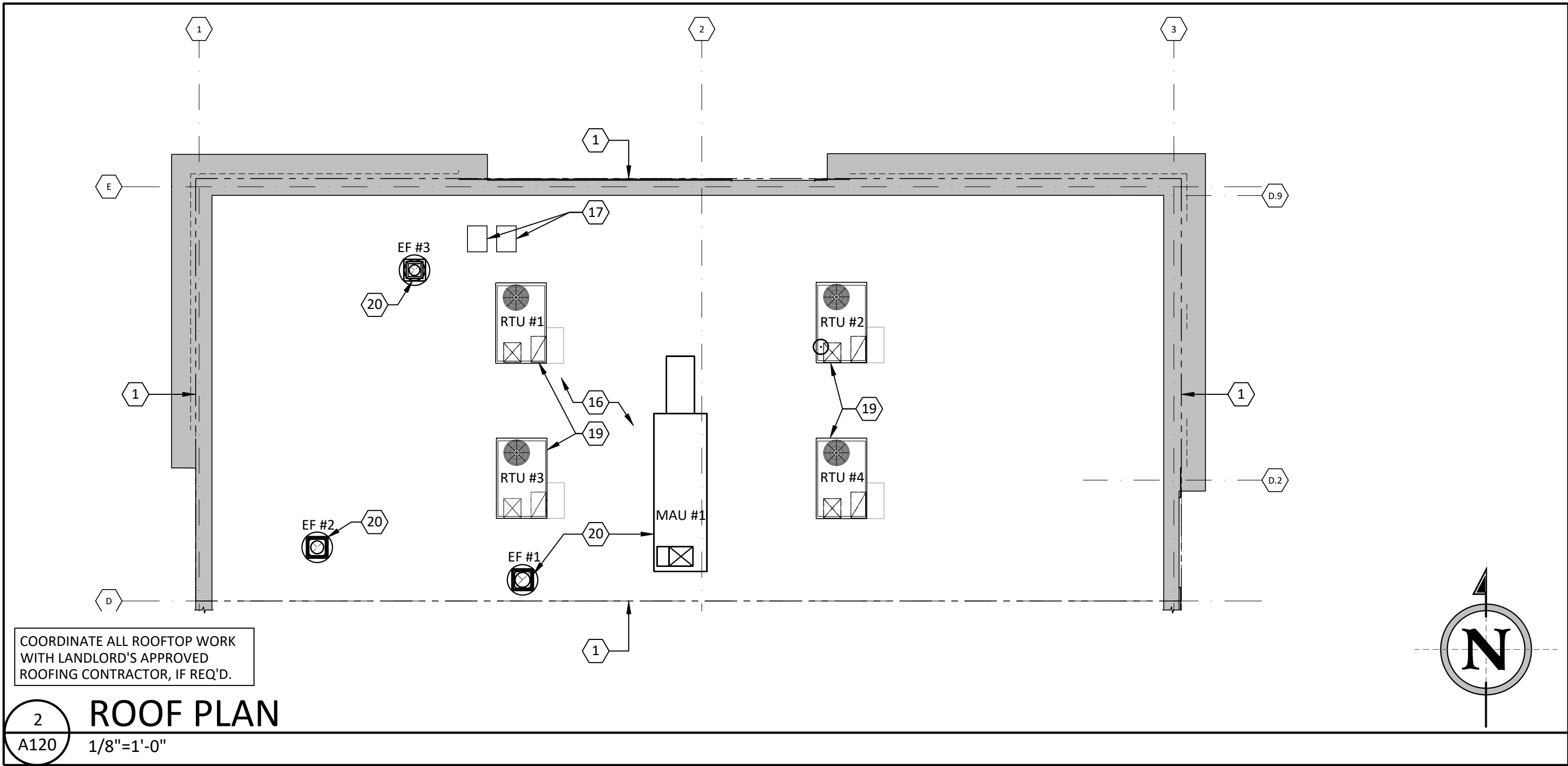
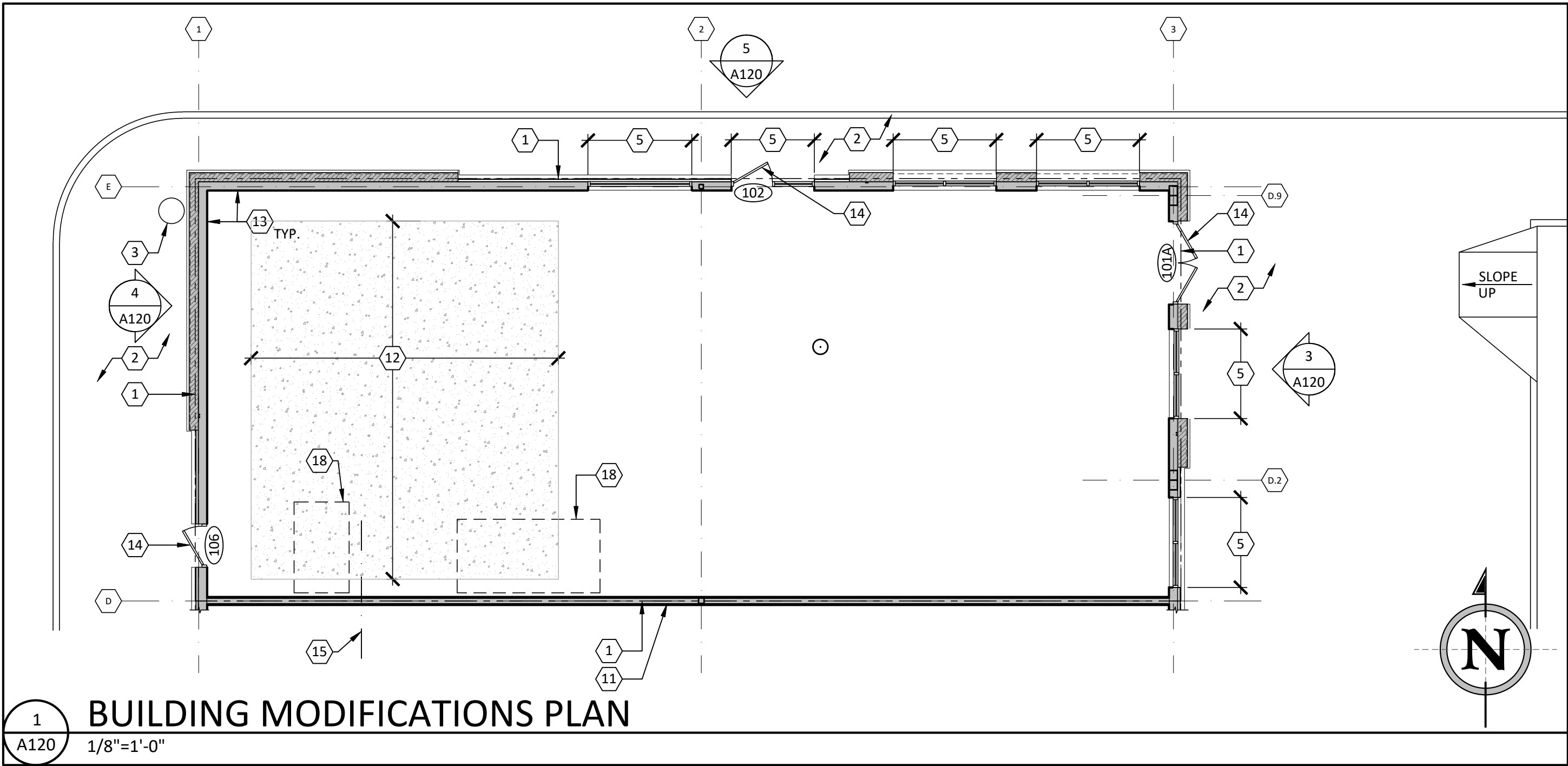
ISSUES AND REVISIONS:

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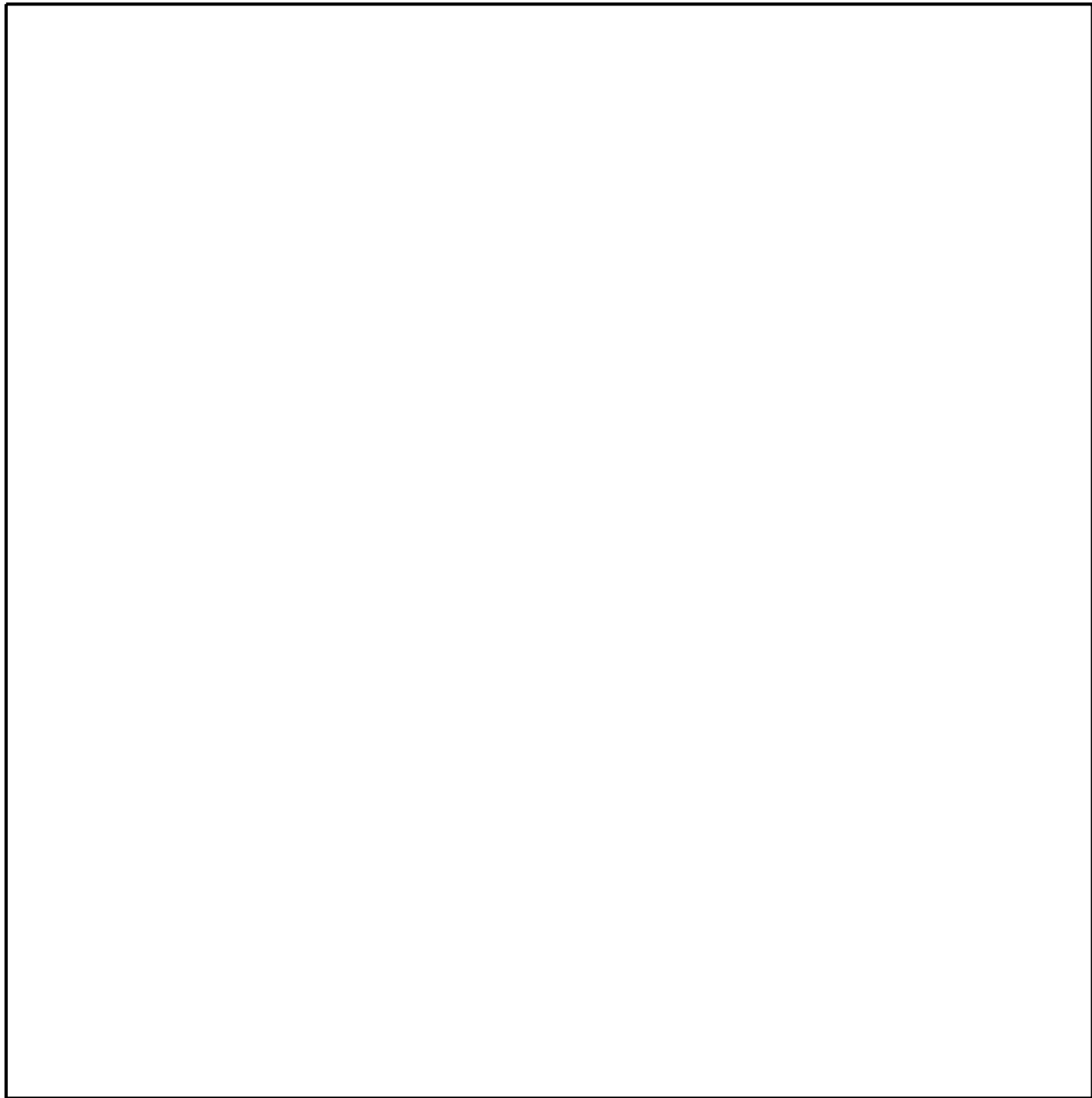
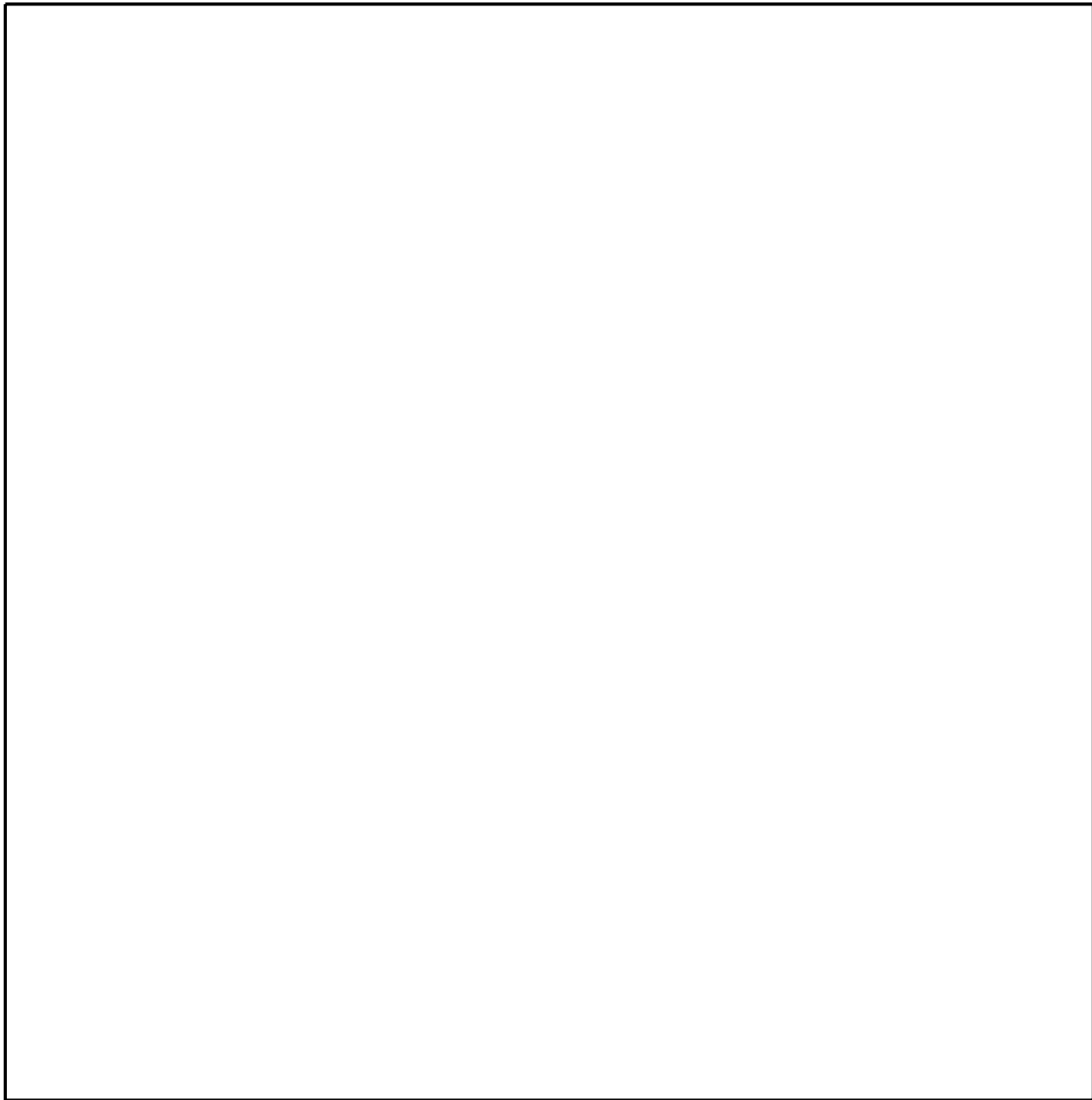
SHEET TITLE:

**FLOOR SLAB
PENETRATION PLAN**

A110



| PLAN & ELEVATION KEY NOTES | | |
|--|---|--|
| <p>1 LEASE LINE.</p> <p>2 EXISTING CONCRETE WALK TO REMAIN. PATCH, REPAIR, OR REPLACE TO 'LIKE NEW' CONSTRUCTION AS REQUIRED.</p> <p>3 NEW CO2 TANK. SEE SHEET A230 FOR ADDITIONAL INFORMATION.</p> <p>4 EXISTING METAL CANOPY TO REMAIN.</p> <p>5 EXISTING STOREFRONT SYSTEM TO REMAIN. PATCH & REPLACE DAMAGED PORTION AS REQUIRED. CONTRACTOR TO TOUCH UP PAINT ANY CHIPS, DENTS, SCRATCHED, OR EXPOSED METAL AREAS AS REQ'D.</p> <p>6 PROPOSED STOREFRONT SIGNAGE, PERMIT, MATERIALS, & INSTALLATION TO BE BY TENANT'S SIGNAGE VENDOR. ELECTRICAL CONTRACTOR SHALL PROVIDE ELECTRIC AS INDICATED PER PLANS & PROVIDE FINAL CONNECTION. SUBMIT SIGN DESIGN DRAWINGS TO LANDLORD/LOCAL JURISDICTION, AS REQUIRED, FOR REVIEW & APPROVAL. GRAPHIC & SIGNAGE VENDORS SHALL CONFIRM FINAL LOCATIONS WITH TENANT'S REPRESENTATIVE PRIOR TO INSTALLATION.</p> <p>7 EXISTING FINISHES TO REMAIN. PATCH & REPAIR DAMAGED PORTIONS TO MATCH EXISTING. PROTECT FROM DAMAGE DURING CONSTRUCTION.</p> <p>8 EXISTING LIGHT FIXTURE TO REMAIN. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>9 EXISTING VINYL ADDRESS NUMBERS TO REMAIN.</p> <p>10 APPLY VINYL GRAPHIC TO EXTERIOR SIDE OF GLAZING AT EXTENTS OF WALL FURRING, SHOWN HATCHED. SEE SHEET A220 FOR ADDITIONAL INFORMATION.</p> <p>11 EXISTING 2-HOUR FIRE RATED DEMISING WALL TO REMAIN. PROTECT FROM DAMAGE DURING DEMOLITION & CONSTRUCTION.</p> | <p>12 INFILL EXISTING FLOOR SLAB "LEAVE OUT" AS INDICATED. VERIFY ACTUAL EXTENTS IN THE FIELD. PROVIDE NEW 4" THICK CONCRETE SLAB WITH MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI, REINFORCED WITH 6X6 - W1.4 WIRE WOVEN FABRIC OVER A 6 MIL. VAPOR BARRIER ON COMPACTED GRANULAR FILL. DOWEL NEW SLAB INTO EXISTING WITH #4 REINFORCING BARS AT 12" O.C. REINFORCING BARS ARE TO BE A MINIMUM OF 16" LONG WITH 10" OF THE BAR DRILLED AND EPOXIED INTO THE EXISTING CONCRETE SLAB. IF EXISTING VAPOR BARRIER IS DAMAGED DURING CONSTRUCTION, G.C. IS TO REPLACE AS REQUIRED. NEW CONCRETE SLAB SHALL BE LEVEL & SMOOTH THROUGHOUT AT THE SAME ELEVATION AS THE EXISTING SLAB. INSTALL ONLY AFTER ALL UNDERSLAB WORK HAS BEEN COMPLETED. SEE SHEET A110 FOR ADDITIONAL INFORMATION.</p> <p>13 EXISTING WALL TO REMAIN SHOWN SHADED. SEE SHEET A200 FOR ADDITIONAL INFORMATION & NEW INTERIOR FINISH.</p> <p>14 EXISTING DOOR & FRAME TO REMAIN, COORDINATE NEW WORK WITH SHEET A040.</p> <p>15 EXISTING BUILDING UTILITY LINES. PROTECT AS REQUIRED DURING CONSTRUCTION.</p> <p>16 EXISTING ROOFTOP GAS LINES TO REMAIN. PROTECT AS REQUIRED DURING DEMOLITION & CONSTRUCTION. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>17 CONDENSERS FOR WALK-IN COOLER BY KITCHEN EQUIPMENT VENDOR. SEE 4/A242 & COORDINATE WITH MECHANICAL & PLUMBING DRAWINGS.</p> <p>18 NEW EXHAUST HOOD TO BE SUSPENDED FROM STRUCTURE ABOVE. SEE STRUCTURAL & MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>19 EXISTING ROOFTOP UNIT & CURB TO REMAIN. SEE MECHANICAL, PLUMBING, & ELECTRICAL DRAWINGS FOR NEW WORK REQUIRED.</p> <p>20 NEW EXHAUST FAN / MAKE-UP AIR UNIT & CURB. COORDINATE WITH KITCHEN EQUIPMENT VENDOR. SEE STRUCTURAL, MECHANICAL, PLUMBING, & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.</p> | |



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BIBIBOP
asian grill

STREETS OF
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2050 NW LOWENSTEIN DR.
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BIBIBOP STORE NO.: B0057
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PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:
**BUILDING SHELL
MODIFICATIONS**

A120

STUD FRAMING NOTES

1.

TABLE BELOW IS BASED ON UNIVERSAL INDUSTRIES, UNIMAST (USG) CORP.'S LIMITING HEIGHT TABLES FOR UNBRACED STUDS SPACED 16" & 24" O.C. (SYSTEM FOLDER SA-923 1990 EDITION), REQUIREMENT FOR 5 PSF LATERAL PRESSURE & 1/240 ALLOWABLE DEFLECTION FOR FLEXIBLE FINISHES W/ 1 LAYER OF GYP. BD. PER SIDE OF STUD.

2.

SCHEDULED HEIGHTS MAY BE INCREASED BY 50% WHERE THE STUDS ARE DIAGONALLY BRACED AT THE MAXIMUM HEIGHT POINT TO THE STRUCTURE ABOVE @ 4'-0" O.C.

3.

CAUTION! WHEN USING STUDS MANUFACTURED BY A COMPANY OTHER THEN USG, VERIFY MANUFACTURER'S STUD STRENGTH AND LIMITING HEIGHT. ADJUST GAUGE & MAXIMUM HEIGHT RECOMMENDED BY MFR.'S CURRENT PRINTED SPECIFICATION.

4.

SEE TYP. WALL FRAMING FOR GAUGE OF STUDS. VERIFY LENGTH, HEIGHT, LOCATION OF BACKING PLATE, & NUMBER.

5.

REQUIRED WITH ACCESSORY MANUFACTURERS. USE #12 SELF TAPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BACKING PLATE.

6.

WALL STUD FLANGES ARE CONTINUOUS AT BACKING PLATE.

LIMITING HEIGHT TABLE FOR UNBRACED STUDS

| Stud Width | Stud Type | Stud Gauge | Stud Spacing | Maximum Height |
|------------|-----------|------------|--------------|----------------|
| 1'-5/8" | 158ST25 | 25 | 16" | 9'-6" |
| | 158ST25 | 25 | 24" | 7'-3" |
| | 212ST25 | 25 | 16" | 12'-6" |
| | 212ST25 | 25 | 24" | 10'-9" |
| 2'-1/2" | 212ST22 | 22 | 16" | 13'-0" |
| | 212ST22 | 22 | 24" | 11'-6" |
| | 212ST20 | 20 | 16" | 14'-0" |
| | 212ST20 | 20 | 24" | 12'-3" |
| 3'-5/8" | 358ST25 | 25 | 16" | 16'-0" |
| | 358ST25 | 25 | 24" | 13'-6" |
| | 358ST22 | 22 | 16" | 17'-3" |
| | 358ST22 | 22 | 24" | 15'-0" |
| 6" | 358ST20 | 20 | 16" | 18'-3" |
| | 358ST20 | 20 | 24" | 16'-0" |
| | 600ST25 | 25 | 16" | 20'-0" |
| | 600ST25 | 25 | 24" | 15'-0" |

1

A201

STUD LIMITS & FRAMING NOTES

N.T.S.

UNDERSIDE OF FLOOR OR ROOF STRUCTURE ABOVE. SEE GENERAL "NOTE" ON ATTACHMENT BELOW

NOTE: ALL CONNECTIONS TO STRUCTURE ABOVE TO BE ATTACHED TO TOP CHORD OF WOOD TRUSS OR TO A HORIZONTAL MOUNTING PLATE RUNNING BETWEEN THE TOP CHORD OF STEEL TRUSSES. DO NOT ATTACH TO DECK.

CONT. 18 GA DEEP LEG DEFLECTION TRACK (1 1/2" MIN. DEEP LEGS). CONNECT TO ROOF STRUCTURE WITH (2) #12 SCREWS @ 16" O.C.

CONT. 3 5/8" X 20 GA. TRACK WITH (1) #12 SCREW IN EACH FLANGE OF EACH STUD

1/2" DEEP GAP

2

A201

NON-RATED DEFLECTION DETAIL

1 1/2"=1'-0"

6"

2"

3'-6"

HSS 3 x 3 x 1/4 W/ BASE 1/2" x 8" x 1/2" WITH (4)-3/8"Ø HUS-H ILITI SCREWS - EMBED 2 3/4" INTO CONC. SLAB ON GRADE

ATTACH STUD WALL CONSTRUCTION TO STEEL POST

HOLD POST BACK 6" FROM END OF WALL TO ALLOW FOR BASE PLATE

3"x3" STEEL POST W/ 4"x8" STEEL BASE PLATE BOLTED TO CONCRETE FLOOR FOR LATERAL SUPPORT

1 1/2"

8"

3"

1 1/2"

3/4"

2 1/2"

3/4"

SECTION

PLAN

3

A201

WALL POST DETAIL

1 1/2"=1'-0"

PX X

PARTITION ID

CONSTRUCTION FINISH

1.

ALL LIGHT GAUGE MTL. WALL STUDS SHALL BE 20 GA. MIN. U.N.O. SEE 1/A201 FOR STUD GAUGE LIMITING HEIGHTS & TYP. FRAMING NOTES.

2.

SEE DETAIL 2/A201 FOR TYPICAL TOP OF WALL FRAMING AT FULL HEIGHT WALLS. BRACE WALL FRAMING UP TO EXISTING STRUCTURE, AS REQUIRED FOR LATERAL STABILITY.

3.

SEE 3/A510 & 4/A510 FOR TYPICAL WALL-FLOOR CONNECTION DETAILS.

4.

USE MOISTURE RESISTANT GYP. BD. ADJACENT TO PLUMBING FIXTURES UNLESS NOTED OTHERWISE.

5.

USE 5/8" CEMENT BOARD BEHIND ALL TILED WALLS & AT ALL WALLS / CEILINGS IMMEDIATELY ADJACENT TO AND WITHIN 18" OF TYPE I EXHAUST HOODS.

6.

IF NOT ALREADY EXISTING, ALL EXPOSED WALLS TO HAVE A CONSTRUCTION FINISH (5/8" GYP. BD. WHERE NOT NOTED ELSEWHERE) EXTENDING FROM THE FINISHED FLOOR TO THE BOTTOM OF DECK.

7.

G.C. TO PROVIDE BACKING/BLOCKING IN WALLS AS REQUIRED FOR SECURELY ATTACHING ANY WALL HUNG CASEWORK, EQUIPMENT, FIXTURES, OR TOILET ACCESSORIES.

8.

REFERENCES TO THE BACK OF HOUSE (B.O.H.) INCLUDE THE OFFICE, PREP, SCULLERY, STORAGE, & UTILITY AREAS.

9.

INSTALL CONTROL JOINTS IN GYP. BD. WALLS AS DIRECTED BY MANUFACTURER BUT NO LESS THAN ONE EVERY 30'-0" O.C. AND/OR ALIGNED WITH THE EDGE OF OPENINGS IN EXTERIOR WALLS. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

UNDERSIDE OF EXISTING DECK ABOVE

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

CEILING AS SCHEDULED

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE- COORDINATE FASTENING REQUIREMENTS W/ KITCHEN EQUIP. VENDOR SO AS TO MAINTAIN WARRANTIES

FACE OF WALK-IN COOLER PANEL

WALK-IN COOLER

KITCHEN

5/8" CONSTRUCTION FINISH, AS NOTED ON TABLE BELOW, DIRECTLY APPLIED TO FACE OF WALK-IN COOLER PANEL- COORDINATE INSTALLATION & FASTENING REQUIREMENTS WITH KITCHEN EQUIPMENT VENDOR SO AS TO MAINTAIN WARRANTIES

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|---------------------|--------------------------|
| P1a | 3 5/8" | CEMENT BD. | 6" ABOVE CLG. |
| | | | |
| | | | |
| | | | |

2

A201

UNDERSIDE OF EXISTING DECK ABOVE

WHERE OPEN CEILING IS SCHEDULED, EXTEND METAL STUD FRAMING & CONSTRUCTION FINISH TO DECK AS NOTED ON TABLE BELOW

EXISTING WALL TO REMAIN, SHOWN DASHED

CEILING AS SCHEDULED

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|---------------------|--------------------------|
| P2a | 3 5/8" | GYP. BD. | B.O. DECK |
| P2b | 3 5/8" | CEMENT BD. | 11'-0" |
| P2c | 6" | CEMENT BD. | 11'-0" |
| P2d | 3 5/8" | GYP. BD. | 7'-0" |

2

A201

UNDERSIDE OF EXISTING DECK ABOVE

WHERE OPEN CEILING IS SCHEDULED, EXTEND METAL STUD FRAMING & CONSTRUCTION FINISH TO DECK AS NOTED ON TABLE BELOW

CEILING AS SCHEDULED

5/8" MOISTURE RESISTANT GYP. BD.

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

5/8" CEMENT BOARD

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

TOILET

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|-----------------------------------|--------------------------|
| P3a | 3 5/8" | GYP. BD. | B.O. DECK |
| P3b | 3 5/8" | CEMENT BD. | 6" ABOVE CLG. |
| P3c | 3 5/8" | *TOILET CONSTRUCTION ON EACH SIDE | 6" ABOVE CLG. |
| P3d | 3 5/8" | NONE | 6" ABOVE CLG. |

UNDERSIDE OF EXISTING DECK ABOVE

CEILING AS SCHEDULED

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

5/8" MOISTURE RESISTANT GYP. BD.

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE

5/8" F.R.T. PLYWOOD (4'x8' SHEET)

5/8" CEMENT BOARD

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

B.O.H.

KITCHEN/PREP

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|------------------------------------|--------------------------|
| P4a | 3 5/8" | CEMENT BD. | 6" ABOVE CLG. |
| P4b | 3 5/8" | *B.O.H. CONSTRUCTION ON EACH SIDE | 6" ABOVE CLG. |
| P4c | 3 5/8" | *KITCHEN CONSTRUCTION ON EACH SIDE | 6" ABOVE CLG. |

2

A201

UNDERSIDE OF EXISTING DECK ABOVE

WHERE OPEN CEILING IS SCHEDULED, EXTEND METAL STUD FRAMING & CONSTRUCTION FINISH TO DECK AS NOTED ON TABLE BELOW

W.I.C./EXISTING WALL TO REMAIN, SHOWN DASHED

CEILING AS SCHEDULED

5/8" MOISTURE RESISTANT GYP. BD.

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

5/8" CEMENT BOARD

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|---------------------|--------------------------|
| P5a | 3 5/8" | F.R.T. PLYWD. | 6" ABOVE CLG. |

1/4"

1/4"

STAINLESS STEEL WALL CAP

SEALANT AS REQ'D., TYP. AT EACH SIDE

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

SEE DETAIL 3/A201 FOR ADDITIONAL INFORMATION

CEILING AS SCHEDULED

5/8" MOISTURE RESISTANT GYP. BD.

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE

5/8" CEMENT BD.

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

PREP

KITCHEN

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|-----------------------------|--------------------------|
| P6a | 3 5/8" | MOISTURE RESISTANT GYP. BD. | 4'-0" A.F.F. |

2

A201

UNDERSIDE OF EXISTING DECK ABOVE

5/8" MOISTURE RESISTANT GYP. BD.

CEILING AS SCHEDULED

EXISTING EXTERIOR WALL CONSTRUCTION TO REMAIN, SHOWN DASHED

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|---------------------------------------|--------------------------|
| P7a | EXIST. | GYP. BD. | B.O. DECK |
| P7b | EXIST. | 1'-6" CEMENT BD. & 8'-0" F.R.T. PLYWD | B.O. DECK |

UNDERSIDE OF EXISTING DECK ABOVE

CEILING AS SCHEDULED

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

5/8" F.R.T. PLYWOOD (4'x8' SHEET)

5/8" CEMENT BOARD

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

KITCHEN STORAGE

FAMILY

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|-----------------------------|--------------------------|
| P8a | 3 5/8" | MOISTURE RESISTANT GYP. BD. | 6" ABOVE CLG. |

UNDERSIDE OF EXISTING DECK ABOVE

MTL. CORNER BEADS &/OR 'TEAR STRIPS' AS REQUIRED

CEILING AS SCHEDULED

5/8" CONSTRUCTION FINISH AS NOTED ON TABLE BELOW

5/8" GYP. BD.

METAL STUDS AT 24" O.C.- SEE 1/A201 FOR STUD GAUGE

BASE AS SCHEDULED- SEE SHEETS A210 & A510

FLOORING AS SCHEDULED- SEE SHEET A210

DINING / HALLWAY

VESTIBULE

| TAG ID | STUD SIZE | CONSTRUCTION FINISH | HEIGHT OF CONSTR. FINISH |
|--------|-----------|---------------------|--------------------------|
| P9a | 3 5/8" | GYP. BD. | 11'-9" |

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI

02/12/2021

finn daniels ARCHITECTS

2145 Ford Parkway, Suite 301
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Missouri State Certificate of Authority #A-2016006102

SEAL/SIGNATURE:

STATE OF MISSOURI

REBECCA L. OLSON

NUMBER A-2015028170

ARCHITECT

REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:

BIBIBOP

asian grill

STREETS OF WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

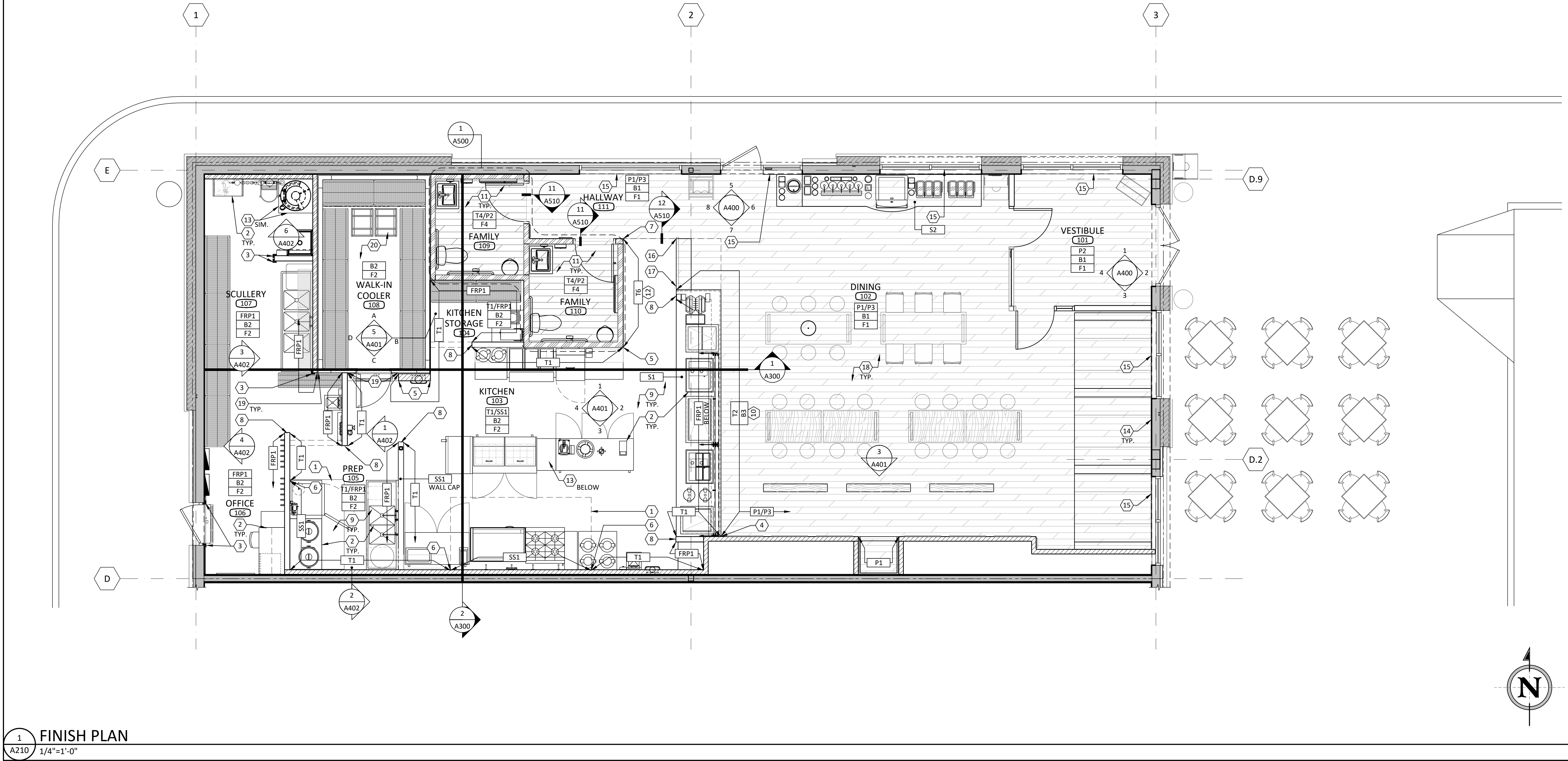
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ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:
PARTITION DETAILS

A201



FINISH PLAN KEY NOTES

- 1

DASHED LINE INDICATES EXHAUST HOOD ABOVE. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 2

KITCHEN EQUIPMENT PROVIDED & INSTALLED BY OTHERS SHOWN FOR REFERENCE. G.C. TO PROVIDE BACKING IN WALLS AS REQUIRED FOR ATTACHMENT OF ANY WALL HUNG EQUIPMENT. SEE SHEETS A200, A220, A230 FOR ADDITIONAL INFORMATION.
- 3

L DENOTES FRP2 CORNER GUARD, EXTENDING FROM TOP OF BASE TO BOTTOM OF CEILING (U.N.O.), TYP. AT AREAS OF FRP1 SEAL TO ADJACENT FINISHES AS NECESSARY FOR SMOOTH, WASHABLE SURFACE REQUIRED BY LOCAL HEALTH DEPARTMENT. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- 4

SEE DETAIL 5A/A510 FOR WALL TILE EDGE DETAILS.
- 5

SEE DETAIL 6/A510 FOR TILE TO TILE CORNER EDGE TRIM.
- 6

SEE DETAIL 7/A510 FOR STAINLESS STEEL TO TILE DETAIL.
- 7

SEE DETAIL 2/A510 FOR TILE TO PAINT CORNER GUARD.
- 8

SEE DETAIL 9/A510 FOR STAINLESS STEEL CORNER WRAP. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- 9

SEE DETAIL 1/A211 FOR TYPICAL WALL TILE LAYOUT AT KITCHEN.
- 10

SEE DETAIL 2/A211 FOR TYPICAL WALL TILE LAYOUT AT FRONT LINE.
- 11

SEE DETAIL 3/A211 FOR FLOOR TILE PATTERN LAYOUT AT TOILET ROOMS, RUNNING IN DIRECTION AS SHOWN ON PLAN.
- 12

SEE DETAIL 4/A211 FOR WALL TILE LAYOUT AT KITCHEN ACCENT WALL.
- 13

RESINOUS FLOOR FINISH TO WRAP SIDES & TOP OF CONCRETE CURB. SEE DETAIL 14/A510 FOR ADDITIONAL INFORMATION.
- 14

NO TILE OR VINYL BASE AT PORTION OF WALL BEHIND POD CASEWORK. COORDINATE EXTENTS WITH SHEETS A230, A400, & WITH CASEWORK VENDOR.
- 15

NEW SOLID SURFACE WINDOW SILL. SEE DETAIL 10/A510.
- 16

EDGE OF FLOOR TRANSITION TO ALIGN WITH EDGE OF WALL & CASEWORK, AS SHOWN.
- 17

RESINOUS FLOOR FINISH TRANSITION TO ALIGN WITH EDGE OF WALL & EXTEND BENEATH THE FRONT LINE COUNTER IN ITS ENTIRETY.
- 18

IN AREAS OF EXPOSED STRUCTURE CEILING, WALL FINISH ABOVE 10'-11" A.F.F. TO BE P3 SEE DETAIL 13/A510 & INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- 19

SEAL OR PROVIDE TRIM TO MATCH WALK-IN COOLER AT CONNECTION TO WALLS. END OF WALL TO BE FRP1 FINISH.
- 20

RESINOUS BASE AT THE EXTERIOR & INTERIOR SIDES OF THE WALK-IN COOLER IS PREFERRED. G.C. TO COORDINATE RESINOUS FLOOR & BASE INSTALLATION WITH KITCHEN EQUIPMENT VENDOR'S DELIVERY OF THE WALK-IN COOLER PANELS. COORDINATE ALTERNATE VINYL COVE BASE WITH KITCHEN EQUIPMENT VENDOR IF SCHEDULE DOES NOT PERMIT.

GENERAL FINISH PLAN NOTES

1.

SEE INTERIOR ELEVATIONS & SHEET A211 FOR ADDITIONAL INFORMATION ON FINISHES & LOCATIONS.
2.

ALL GYP. BD. WALL / CEILING SOFFITS WITHIN CONSTRUCTION AREA TO RECEIVE A SMOOTH PAINT FINISH, U.N.O.
3.

ALL GYP. BD. WALL SURFACES AT CUSTOMER AREAS (VESTIBULE, DINING, HALLWAY, & TOILET ROOMS) TO BE LEVEL 5 FINISH REGARDLESS OF FINISHES SCHEDULED. REMAINING BACK OF HOUSE / EMPLOYEE AREAS (KITCHEN, PREP, STORAGE, ETC.) ARE TO BE LEVEL 4 FINISH.
4.

G.C. TO PROVIDE SMOOTH FLOOR TRANSITIONS BETWEEN FINISHES SCHEDULED, FLASH SLAB, ETC. AS REQ'D.
5.

G.C. TO APPLY PAINT AS REQ'D. PER MANUFACTURER'S SPECIFICATIONS. TWO COATS OF FINISH PAINT TO BE PROVIDED OVER PRIME COAT AT NEW OR EXISTING CONSTRUCTION. SEE SHEET A211 FOR ADD'L. INFORMATION.
6.

TOUCH-UPS MAY REQUIRE REPAINTING ENTIRE SURFACE UNTIL CHANGE OF PLANE OCCURS, IF VISIBLE.
7.

ALL FLOOR FINISHES SHALL BE OF CLASS I OR CLASS II MATERIALS IN ACCORDANCE WITH NFPA 253 & INT'L. BUILDING CODE 804.1. TEST REPORT COPIES TO BE PROVIDED TO BLDG. OFFICIAL UPON REQUEST.
8.

ALL INTERIOR WALL, CEILING, & FLOOR FINISHES SHALL BE CLASS B OR C.
CLASS B: FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450
9.

ALL INTERIOR FINISHES TO BE ATTACHED SUCH THAT MATERIALS WILL NOT SEPARATE FROM SUBSTRATE WHEN SUBJECTED TO ROOM TEMPERATURE OF 200°F FOR NOT LESS THAN 30 MIN.
10.

SITE SURVEY REQUIRED BY FLOORING INSTALLER PRIOR TO BID. ALL FLOOR PREP SHALL BE INCLUDED IN THE BASE BID FOR THE PROJECT.
11.

GROUT & PAINT SPECIFICATIONS VARY BASED ON LOCATION & APPLICATION. VERIFY TYPE, COLOR, & SPACING WITH SHEET A211.
12.

G.C. IS RESPONSIBLE TO PROVIDE A MEMBRANE AT BASE BUILDING CONTROL JOINTS BELOW ANY FINISH FLOORING TO MINIMIZE POTENTIAL CRACKING OF INSTALLED FLOORING MATERIALS.
13.

AT ALL FOOD PREPARATION & STORAGE SPACES (INCLUDING THE KITCHEN, OFFICE, PREP, SCULLERY, STORAGE, UTILITY, AND WALK-IN COOLER), ALL FLOOR & WALL FINISHES, EQUIPMENT, & SINKS TO BE PROPERLY SEALED WITH CLEAR SILICONE CAULK AS REQUIRED TO MEET LOCAL HEALTH DEPARTMENT REGULATIONS.
14.

FLOOR SINKS INSTALLED INTO TILE FLOORS SHALL BE ALIGNED SUCH THAT FLOOR GRILLE/COVER ALIGNS SQUARE & TRUE TO TILE PATTERN. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
15.

CONTRACTOR IS RESPONSIBLE FOR ALL MEANS & METHODS REQUIRED TO IMPLEMENT DESIGN INTENT, INCLUDING THOSE NOT SPECIFICALLY DETAILED HEREIN, IN COMPLIANCE WITH ALL CURRENT APPLICABLE CODES & MANUFACTURER'S WRITTEN REQUIREMENTS.
16.

FOR WALLS TO RECEIVE TILE FINISH, THE MAXIMUM ALLOWABLE VARIATION IN THE TILE SUBSTRATE TO BE 1/8" IN 10'-0" FROM THE REQUIRED PLANE, WITH NO MORE THAN 1/16" VARIATION IN 24" WHEN MEASURED FROM THE HIGH POINTS IN THE SURFACE. TILE WALLS THAT DO NOT APPEAR SMOOTH & CONTINUOUS (IRREGULAR OR OTHERWISE HAS "BASKET WEAVE" APPEARANCE) WILL NOT BE ACCEPTABLE.
17.

BEFORE STARTING ANY OPERATION, EACH CONTRACTOR SHALL EXAMINE THE WORK PERFORMED BY OTHERS TO WHICH THEIR WORK ADJOINS OR IS APPLIED TO AND WILL REPORT TO THE G.C. ANY CONDITIONS THAT WILL PREVENT SATISFACTORY ACCOMPLISHMENT OF THEIR CONTRACT. CONTRACTOR SHALL NOT BEGIN WORK UNTIL SURFACE CONDITIONS ARE WITHIN REQUIRED TOLERANCES. START OF WORK INDICATES ACCEPTANCE OF SUBSTRATE CONDITION WITHIN ANY PARTICULAR AREA.
18.

COORDINATE CORNER GUARDS, EDGE TRIMS, AND FINISH TRANSITIONS WITH INTERIOR ELEVATIONS. SEE SHEET A510 FOR TRANSITION DETAILS.

SEAL/SIGNATURE:



REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

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DRAWN BY: SJV

CHECKED BY: RLO

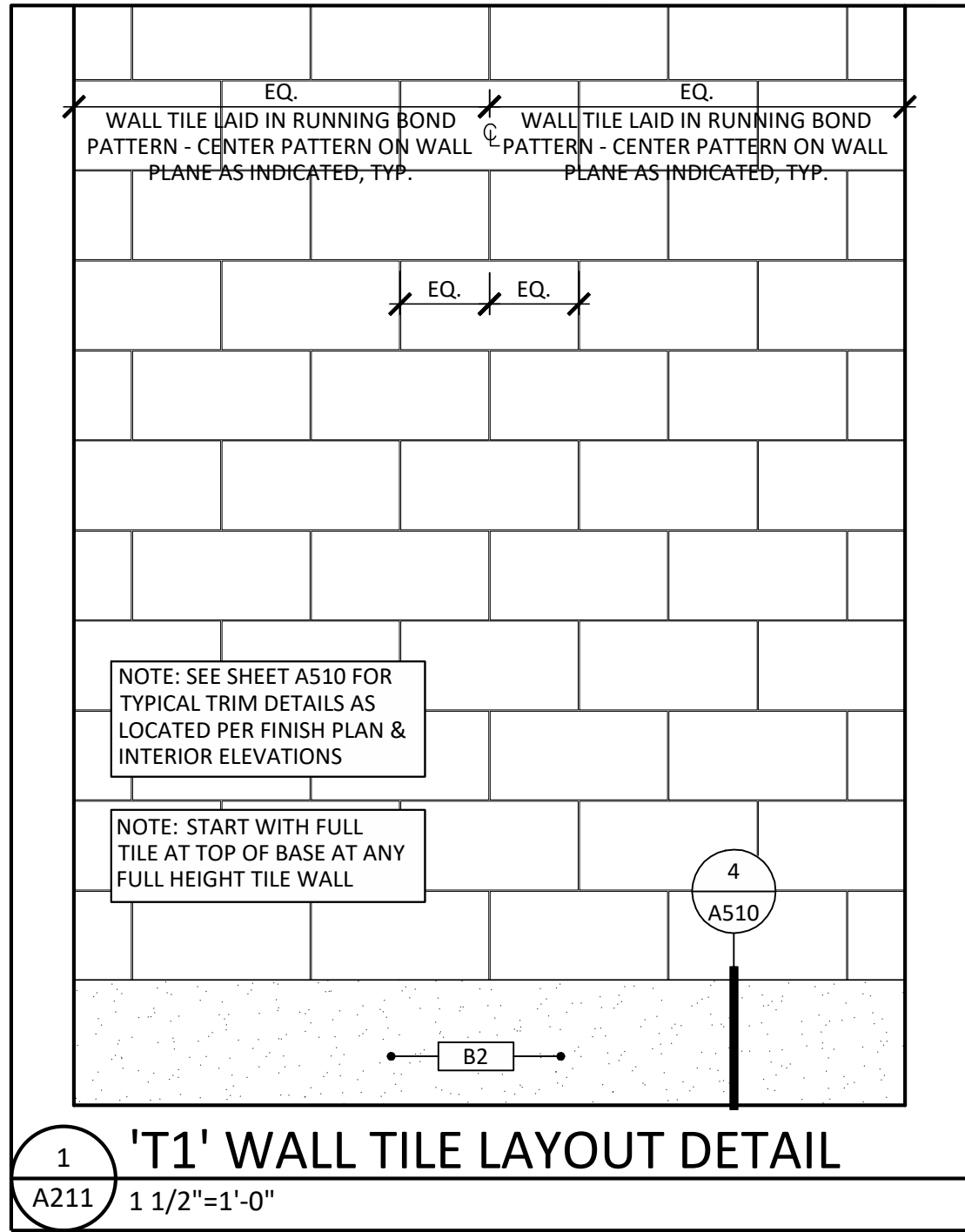
ISSUES AND REVISIONS:

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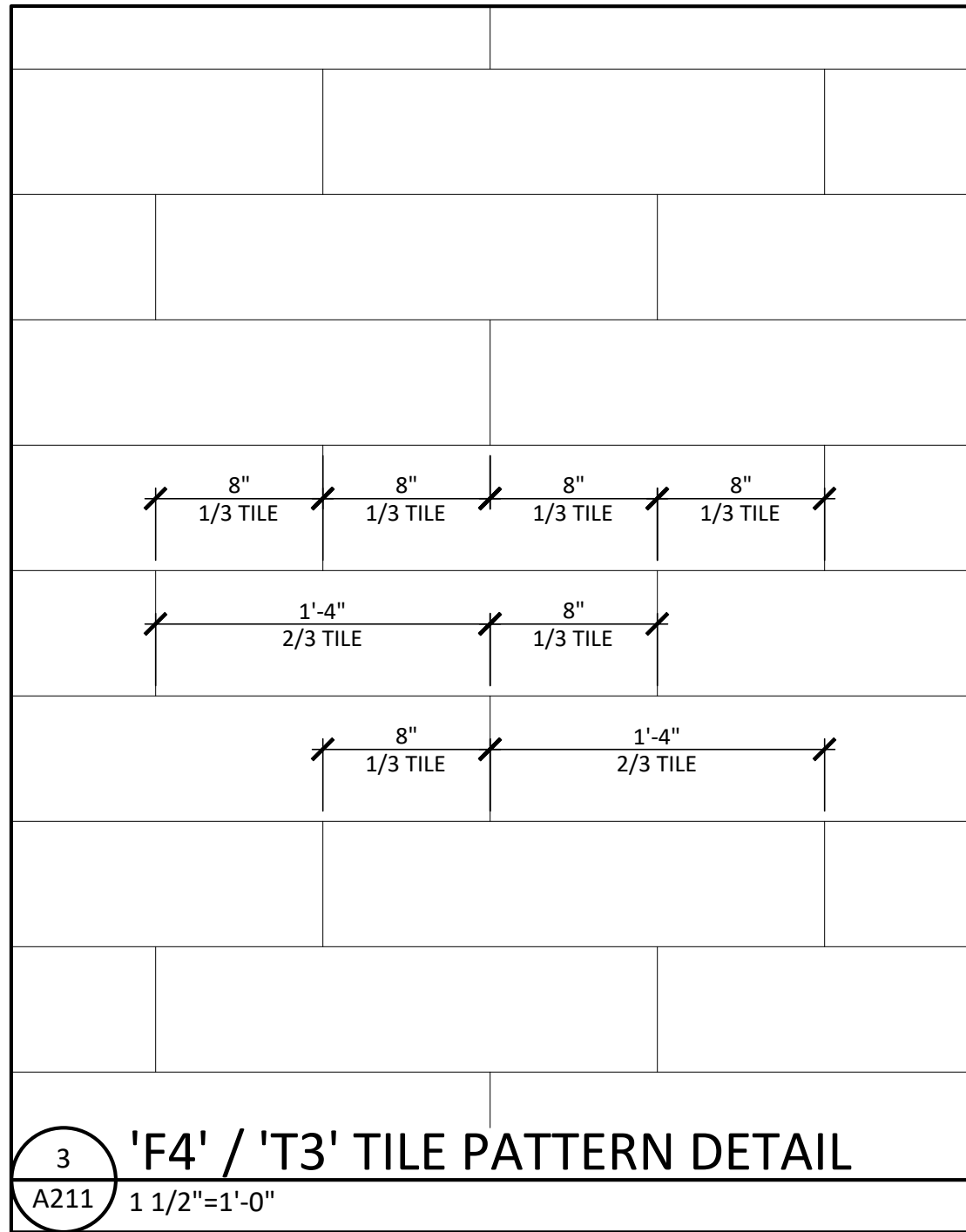
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FINISH PLAN

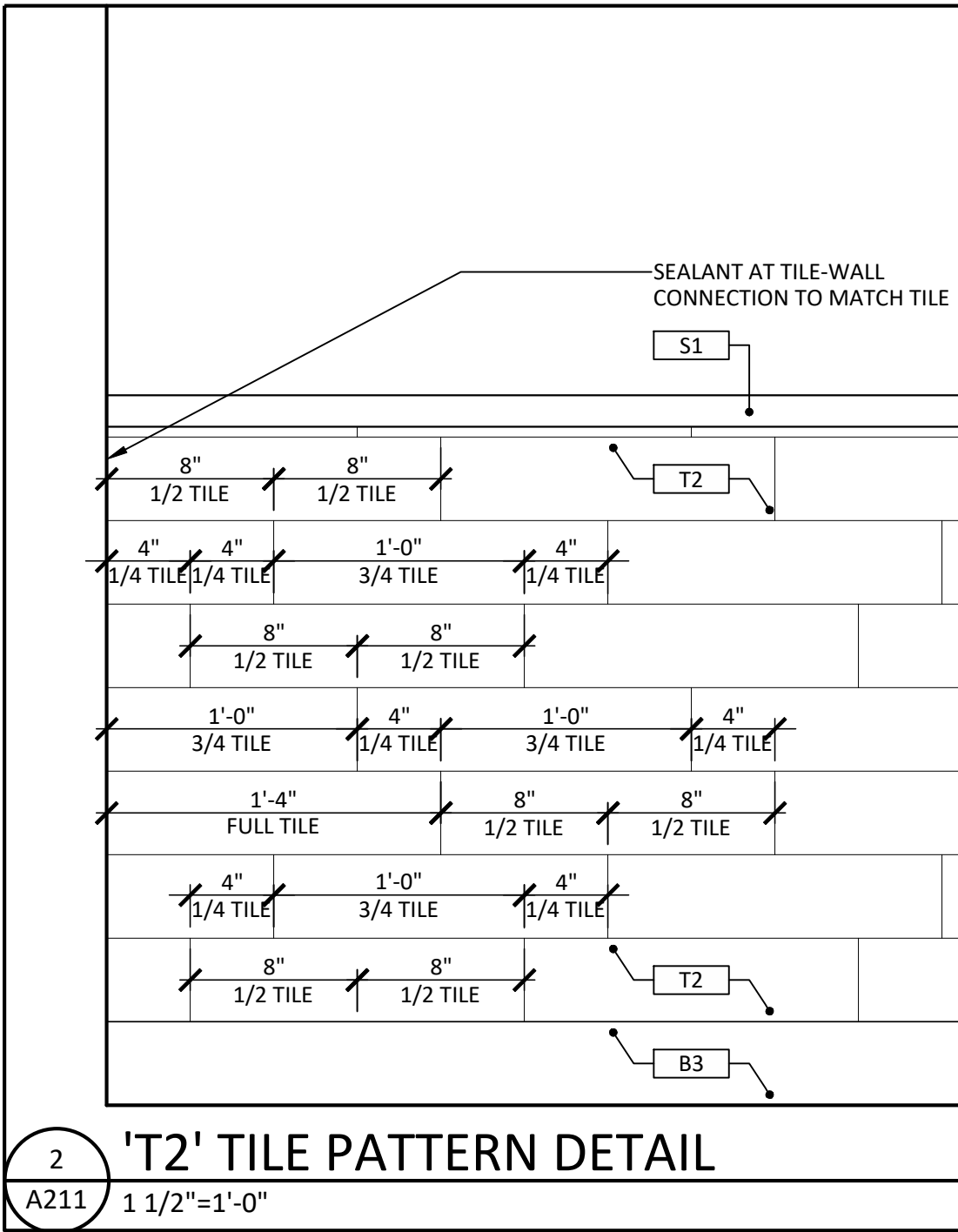
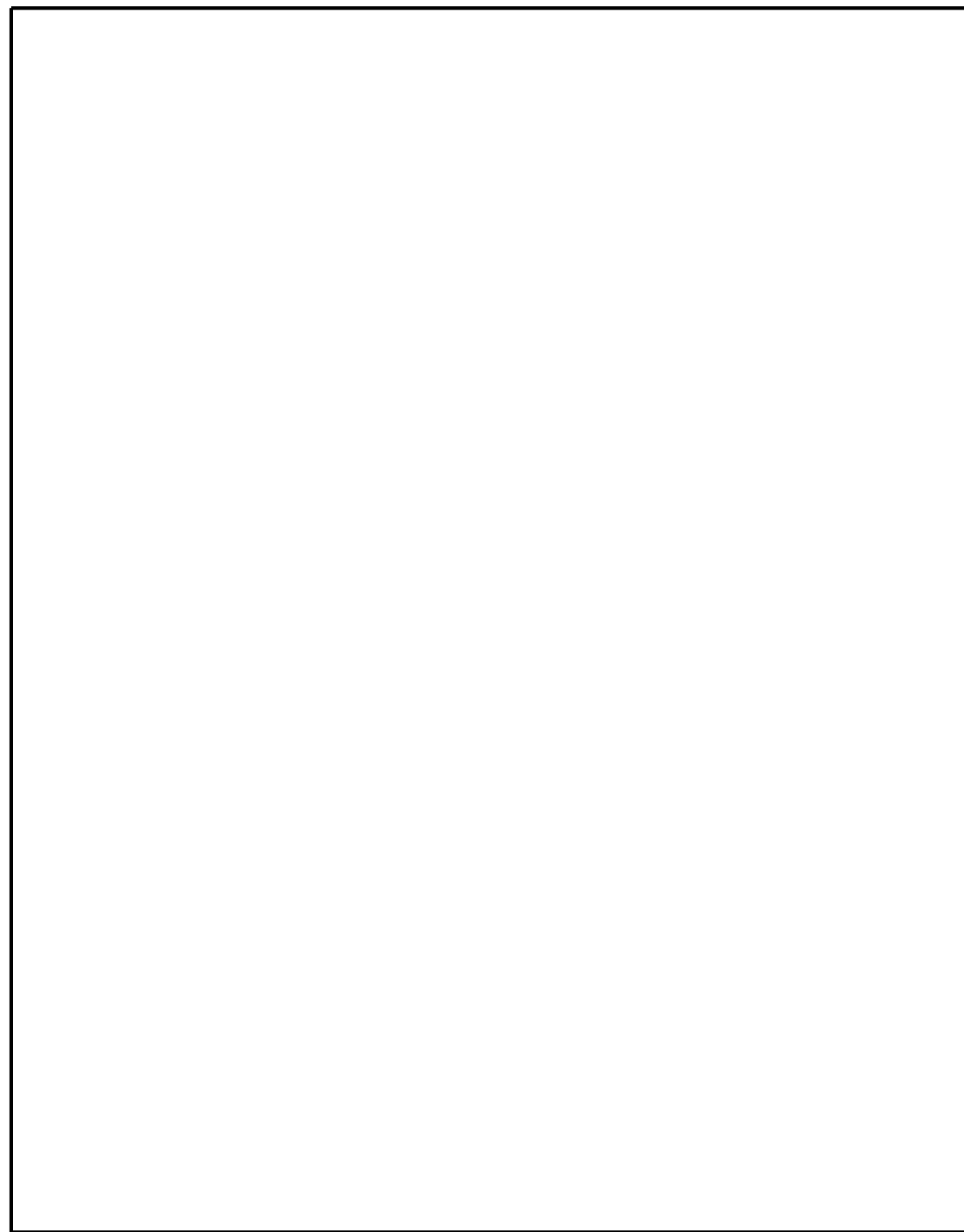
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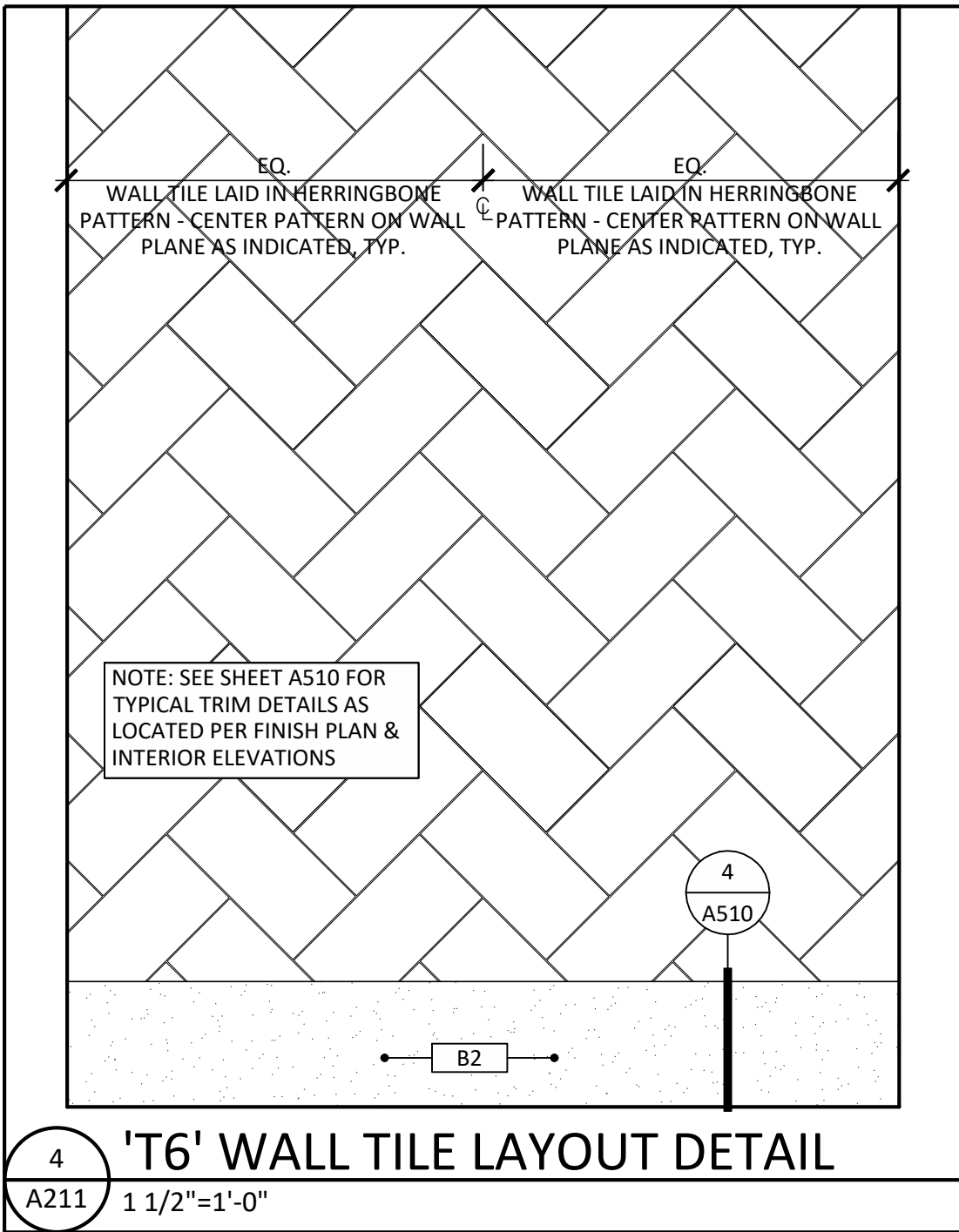
1
A211 T1' WALL TILE LAYOUT DETAIL
1 1/2"=1'-0"



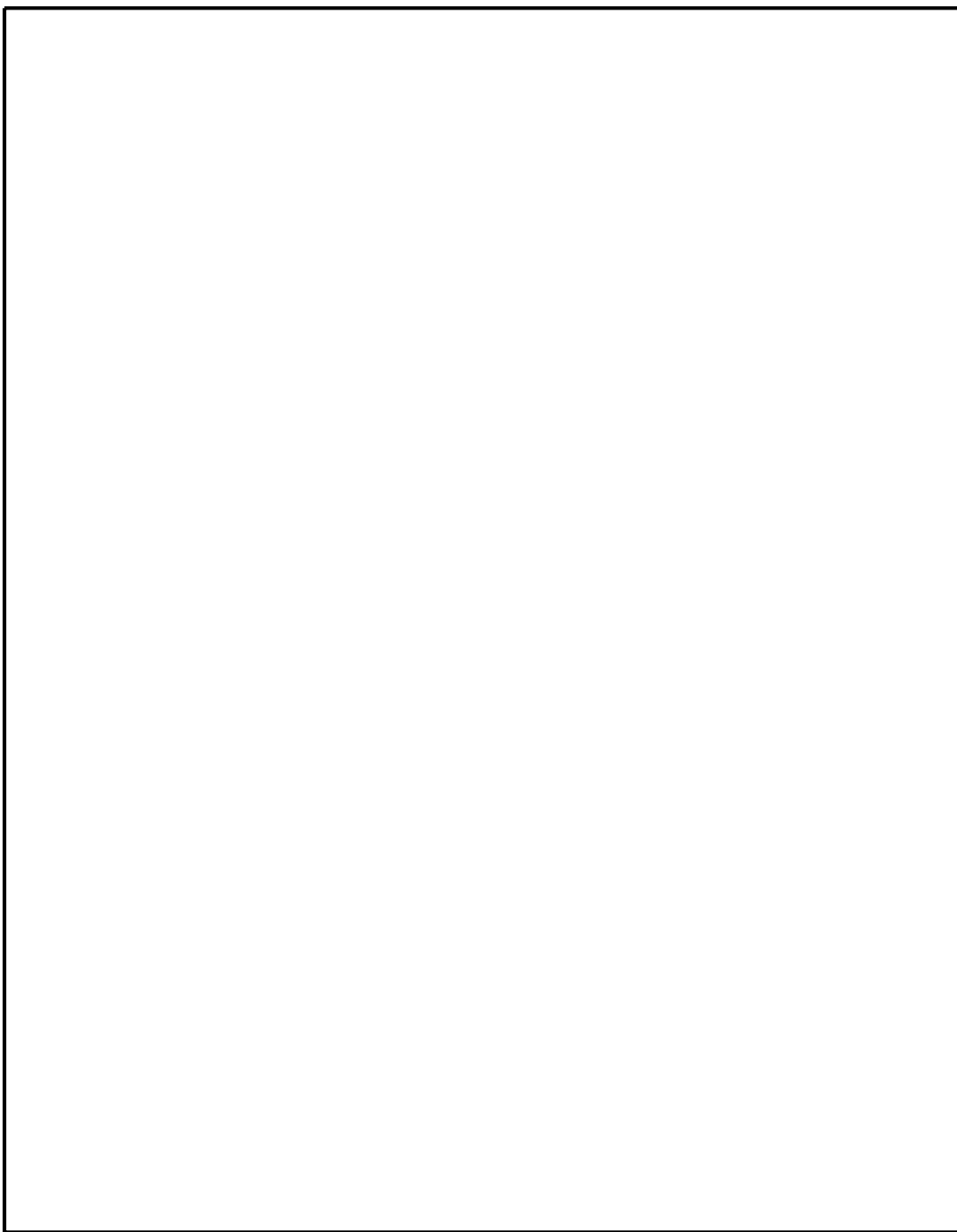
3
A211 F4' / T3' TILE PATTERN DETAIL
1 1/2"=1'-0"



2
A211 T2' TILE PATTERN DETAIL
1 1/2"=1'-0"



4
A211 T6' WALL TILE LAYOUT DETAIL
1 1/2"=1'-0"



| ROOM FINISH SCHEDULE | | | | | | | | | | | | | | | |
|----------------------|-----------------|-------|------|-------|-------|-------|-------|----------|----------|----------|----------|-----------|-------|--------|--|
| ROOM NO. | ROOM TITLE | FLOOR | | BASE | | | | WALLS | | | | CEILING | | | REMARKS |
| | | MAT'L | FIN. | NORTH | EAST | SOUTH | WEST | NORTH | EAST | SOUTH | WEST | MAT'L | FIN. | HT. | |
| 101 | VESTIBULE | CONC. | F1 | B1 | B1 | B1 | B1 | P2 | P2 | P2 | P2 | GYP. BD. | P2 | 11'-1" | COORDINATE CEILING HEIGHT WITH EXISTING CONDITIONS |
| 102 | DINING | CONC. | F1 | B1 | B1/B4 | B1/B3 | B1/B3 | P1/P3 | P1/P3 | P1/P3/T2 | P1/P3/T2 | EXPOSED | P3 | VARIES | - |
| 103 | KITCHEN | CONC. | F2 | B2 | B2 | B2 | B2 | T1/FRP1 | T1/FRP1 | T1/SS1 | T1/T6 | GYP. BD. | P1/P3 | VARIES | - |
| 104 | KITCHEN STORAGE | CONC. | F2 | B2 | B2 | B2 | B2 | FRP1 | FRP1 | FRP1 | T1 | VINYL/GYP | ACT1 | 8'-0" | - |
| 105 | PREP | CONC. | F2 | B2 | B2 | B2 | B2 | T1 | FRP1 | T1 | T1/SS1 | GYP. BD. | P1 | 10'-6" | - |
| 106 | OFFICE | CONC. | F2 | - | B2 | B2 | B2 | - | FRP1 | FRP1 | FRP1 | VINYL/GYP | ACT1 | 10'-0" | - |
| 107 | SCULLERY | CONC. | F2 | B2 | B2 | B2 | B2 | FRP1 | FRP1 | FRP1 | FRP1 | VINYL/GYP | ACT1 | 10'-0" | - |
| 108 | WALK-IN COOLER | CONC. | F2 | B2 | B2 | B2 | B2 | - | - | - | - | - | - | - | PREFIN. THERMAL COOLER WALLS/CEILING PANELS & SCREED |
| 109 | FAMILY TOILET | CONC. | F4 | T4 | T4 | T4 | T4 | T4/T5/P2 | T4/T5/P2 | T4/T5/P2 | T4/T5/P2 | GYP. BD. | P2 | 9'-0" | - |
| 110 | FAMILY TOILET | CONC. | F4 | T4 | T4 | T4 | T4 | T4/T5/P2 | T4/T5/P2 | T4/T5/P2 | T4/T5/P2 | GYP. BD. | P2 | 9'-0" | - |
| 111 | HALLWAY | CONC. | F1 | B1 | - | B1 | B1 | P1/P3 | - | P1/P3 | P1/P3 | EXPOSED | P3 | VARIES | - |

| GENERAL FINISH NOTES | | |
|--|--|--|
| 1. GROUT SPECIFICATIONS AND LOCATIONS (COORDINATE WITH TILE VENDOR): A) KITCHEN AND FRONT LINE WALL TILE TEC UNSANDED GROUT WITH GROUT BOOST ADDITIVE COLOR: AS NOTED GROUT JOINTS: 1/16" NOTES: GROUT BOOST ADDITIVE MUST BE INCLUDED TO ENSURE STAIN RESISTANCE. B) RESTROOM FLOOR/WALLS TEC POWER GROUT COLOR: AS NOTED GROUT JOINTS: 1/8" | 4. AT ALL FOOD PREPARATION (INCLUDING THE KITCHEN, OFFICE, SCULLERY, PREP, STORAGE, & WALK IN COOLER), FLOOR & WALL FINISHES, SINKS, AND EQUIPMENT TO BE PROPERLY SEALED WITH CLEAR SILICONE CAULK AS REQUIRED TO MEET LOCAL HEALTH DEPARTMENT REGULATIONS. 5. SEE FINISH PLAN, INTERIOR ELEVATIONS, AND TOILET ROOM ELEVATIONS FOR ADDITIONAL INFORMATION ON FINISHES AND LOCATIONS. 6. FOR TRIM/CORNER DETAILS & FINISH CONSTRUCTION AT WALL BASE, SEE SHEET A510. 7. AT AREAS WHERE SEAMLESS RESIN FLOOR IS TO BE INSTALLED, PREPARE SUBFLOOR PER MANUFACTURER'S RECOMMENDATIONS, FLUSH AND SMOOTH, SO AS TO PREVENT POOLING OF WATER. PROVIDE GRADUAL SLOPE TOWARDS FLOOR TRENCHES & FLOOR DRAINS TO SUPPORT POSITIVE DRAINAGE. | 8. PAINT SYSTEMS: PROVIDE MIN. (2) COATS PLUS PRIMER SYSTEMS. A) GYPSUM BOARD WALLS: SATIN LATEX EMULSION (TYPICAL WALL PAINT, U.N.O.) SEMI-GLOSS LATEX EMULSION (TOILET ROOM WALLS) B) INTERIOR PAINTED METAL: SEMI-GLOSS ALKYD ENAMEL C) GYPSUM BOARD CEILINGS: SEMI-GLOSS LATEX EMULSION D) OPAQUE PAINTED WOOD: SEMI-GLOSS ACRYLIC LATEX E) INTERIOR WOOD STAIN: SATIN WATERBORNE POLYURETHANE VARNISH F) EXTERIOR PAINTED METAL: SEMI-GLOSS METALTEX ACRYLIC G) EXPOSED STRUCTURE CEILINGS, DUCTWORK (AT LOCATIONS NOTED), STRUTS, CONDUITS, WIRES, ETC. EGGSHELL WATERBORNE ACRYLIC DRYFALL H) EXTERIOR STUCCO / E.I.F.S.: SATIN EXTERIOR LATEX |

| FINISH SPECIFICATIONS | | | | | | |
|-----------------------|------------------------------|------------------------|----------------------------|----------------------------|------------------------------|---|
| KEY | PRODUCT/MATERIAL | MANUFACTURER | PATTERN/STYLE | COLOR/PRODUCT NUMBER | SIZE | REMARKS: |
| ACT1 | VINYL CEILING TILE | USG | SHEETROCK CLIMAPLUS- VINYL | "WHITE" #3270 | 24" x 48" x 1/2" | DONN 15/16" GRID IN "FLAT WHITE" #050 |
| ACT2 | EXISTING CEILING TILE | - | - | "BLACK" | 24" x 24" | REPLACE, REPAIR, & CLEAN AS REQ'D. TO "LIKE NEW" CONDITION |
| B1 | RUBBER BASE | ROPPE | PINNACLE- STANDARD TOE | "BLACK" #100 | 4" HIGH | 120'-0" COIL & PRE-FORMED CORNERS AS REQUIRED |
| B2 | SEAMLESS RESIN BASE | FLOORGUARD PRODUCTS | PLATINUM GRANITE | "SADDLE" | 6" HIGH | INSTALL PER MANUFACTURERS GUIDELINES |
| B3 | SOLID SURFACE | CORIAN | - | "DEEP ANTHRACITE" | 4" HIGH | - |
| B4 | SOLID SURFACE | CORIAN | - | "DEEP ANTHRACITE" | 2" HIGH (VERIFY) | - |
| B5 | QUARRY TILE BASE | FLORIDA TILE | METROPOLITAN QUARRY | "PURITAN GRAY" #77507 | 6" HIGH COVER | SEE GENERAL FINISH NOTES |
| F1 | VINYL PLANK FLOOR | KARNDIEN | VAN GOGH | "VINTAGE PINE" #VGV76T | 48" x 7" x 1/8" | PREPARE CONCRETE SUBFLOOR PER MFR. SPECIFICATIONS LAY IN RANDOM LENGTH PATTERN |
| F2 | SEAMLESS RESIN | FLOORGUARD PRODUCTS | PLATINUM GRANITE | "SADDLE" | - | INCLUDE ANTI-SLIP ADDITIVE & INSTALL PER MANUFACTURERS GUIDELINES. SEE GENERAL FINISH NOTES |
| F3 | CERAMIC TILE | FLORIDA TILE / OLYMPIA | LARIX | "FRESH" #FT LX FR5.0630 | 6" x 30" x 3/8" | GROUT: TEC #949 "LIGHT BUFF" SEE GENERAL FINISH NOTES |
| F4 | CERAMIC TILE | FLORIDA TILE | NATURA | "CAPE COD CHARCOAL" #28017 | 6" x 24" x 7/16" | GROUT: TEC #929 "CHARCOAL GRAY" / SEE DETAIL 3/A211 SEE GENERAL FINISH NOTES |
| F5 | QUARRY TILE | FLORIDA TILE | METROPOLITAN QUARRY | "PURITAN GRAY" #77507 | 6" x 6" x 1/2" | SEE GENERAL FINISH NOTES |
| F6 | EXISTING CONC. FLOORING | - | - | - | - | CLEAN & REPAIR AS REQ'D. TO "LIKE NEW" CONDITION |
| FRP1 | FIBERGLASS REINFORCED PANELS | MARLITE | STANDARD PEBBLED SURFACE | "WHITE" #P100 | 4' x 10' x 3/32" | VERIFY PANEL SIZE PRIOR TO ORDERING / SEE GENERAL FINISH NOTES NO HORIZ. SEAMS PERMITTED WHEN A FULL SHEET CAN BE USED |
| FRP2 | PVC OUTSIDE CORNER GUARD | MARLITE | - | "WHITE" #M961 | 1 1/2" x 10'-0"-L | GUARDS INSTALLED CONTINUOUSLY / SEE GENERAL FINISH NOTES NO HORIZ. SEAMS PERMITTED WHEN A FULL SHEET CAN BE USED |
| P1 | PAINT | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "SNOWBOUND" #SW7004 | - | - |
| P2 | PAINT | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "MARCH WIND" #SW7668 | - | - |
| P3 | PAINT | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "DAREDEVIL" #SW6882 | - | - |
| P4 | PAINT | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "SMOKEY TOPAZ" #SW6117 | - | - |
| P5 | PAINT | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "HERON PLUME" #SW6070 | - | - |
| P6 | PAINT | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "TURKISH COFFEE" #SW6076 | - | - |
| P7 | FIXTURE PAINT | - | SATIN SHEEN | BLACK | - | QUEUEING RAIL POSTS (AS REQ'D.) - PAINT BY CASEWORK VENDOR |
| P8 | WOOD STAIN | SHERWIN WILLIAMS | SEE GENERAL FINISH NOTES | "BANISTER BEIGE" #SW3128 | - | - |
| PL1 | PLASTIC LAMINATE | WILSON ART | - | "ASIAN NIGHT" #7949-60 | - | MATTE- WASTE RECEPTACLE |
| PL2 | PLASTIC LAMINATE | WILSON ART | - | "WHITE" #1570-01 | - | GLOSS - BEVERAGE & CONDIMENT STATION |
| PL3 | PLASTIC LAMINATE | WILSON ART | - | "WHITE" #1570-60 | - | MATTE - PODS & TABLES |
| S1 | SOLID SURFACE COUNTERTOP | CORIAN | - | "SORREL" | - | - |
| S2 | SOLID SURFACE COUNTERTOP | CORIAN | - | "WITCH HAZEL" | - | - |
| S3 | SOLID SURFACE COUNTERTOP | CORIAN | - | "DEEP ANTHRACITE" | - | - |
| SS1 | STAINLESS STEEL WALL PANELS | - | - | - | - | PROVIDED & INSTALLED BY G.C. U.N.O. |
| SS2 | STAINLESS STEEL COUNTERTOP | - | - | - | - | TO BE INSTALLED CONTIN. WHERE POSSIBLE- NO SEAMS ALLOWED PROVIDED & INSTALLED BY CASEWORK VENDOR TO BE INSTALLED CONTIN. WHERE POSSIBLE- NO SEAMS ALLOWED |
| T1 | CERAMIC TILE (KITCHEN) | FLORIDA TILE / OLYMPIA | COLOUR & DIMENSION SERIES | "ARCTIC WHITE" BRIGHT | 4 1/4" x 8 1/2" x 1/4" | GROUT: TEC #910 "BRIGHT WHITE" / SEE DETAIL 1/A211 SEE GENERAL FINISH NOTES |
| T2 | CERAMIC TILE (COUNTER) | FLORIDA TILE / ROCA | COLOR COLLECTION | "TAUPE" BRIGHT #U789 | 4" x 16" x 5/16" | GROUT: TEC #949 "SILVERADO" / SEE DETAIL 2/A211 SEE GENERAL FINISH NOTES |
| T3 | CERAMIC TILE | FLORIDA TILE | NATURA | "CAPE COD CHARCOAL" #28017 | 6" x 24" x 7/16" | GROUT: TEC #929 "CHARCOAL GRAY" / SEE DETAIL 3/A211 SEE GENERAL FINISH NOTES |
| T4 | CERAMIC TILE | FLORIDA TILE | TIDES | "SEA SALT" #28110 | 12" x 24" x 3/8" | GROUT: TEC #949 "SILVERADO" SEE GENERAL FINISH NOTES |
| T5 | GLASS MOSAIC | FLORIDA TILE | PIETRA ART BLISS | "BLACK TIMBER" #372RSPB/B | 12" x 12" RANDOM SIZE MOSAIC | GROUT: TEC #949 "SILVERADO" SEE GENERAL FINISH NOTES |
| T6 | CERAMIC TILE (KITCHEN) | FLORIDA TILE / OLYMPIA | COLOUR & DIMENSION SERIES | "ARCTIC WHITE" BRIGHT | 4 1/4" x 8 1/2" x 1/4" | GROUT: TEC #910 "BRIGHT WHITE" / SEE DETAIL 4/A211 SEE GENERAL FINISH NOTES |
| WD1 | WOOD FINISH | AT-95 | AMERICAN WHITE OAK | LIGHTLY TOASTED | - | - |
| WD2 | WOOD FINISH | AT-95 | AMERICAN WHITE OAK | BOURBON | - | - |
| WD3 | WOOD FINISH | - | - | WHITE | - | - |
| WP1 | WOOD FINISH | WALL PLANKS | ORIGINALS HARDWOOD PLANK | CHARCOAL | 5" x 48" x 1/4" | WWW.WALLPLANKS.COM |
| WP2 | FIBER CEMENT WALL PANELS | NICHIA | VINTAGE WOOD / AWP 1018 | "CEDAR" #EPC762F | 6'-0" x 1'-6" x 5/8" | PATTERN AS INDICATED ON EXTERIOR ELEVATIONS INSTALL PER MANUFACTURER'S RECOMMENDATIONS |

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

02/12/2021

finn daniels
ARCHITECTS

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Saint Paul, Minnesota 55116
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Finn Daniels, Inc.
Missouri State Certificate of Authority #A-2016006102

SEAL/SIGNATURE:

STATE OF MISSOURI
REBECCA L. OLSON
NUMBER A-2015028170
ARCHITECT

REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:

BIBIBOP

asian grill

STREETS OF WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081
BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

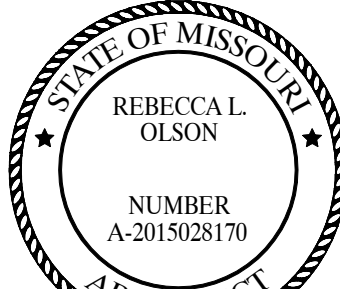
ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:
**FINISH SCHEDULE,
SPECIFICATIONS, &
DETAILS**

A211

SEAL/SIGNATURE:



REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
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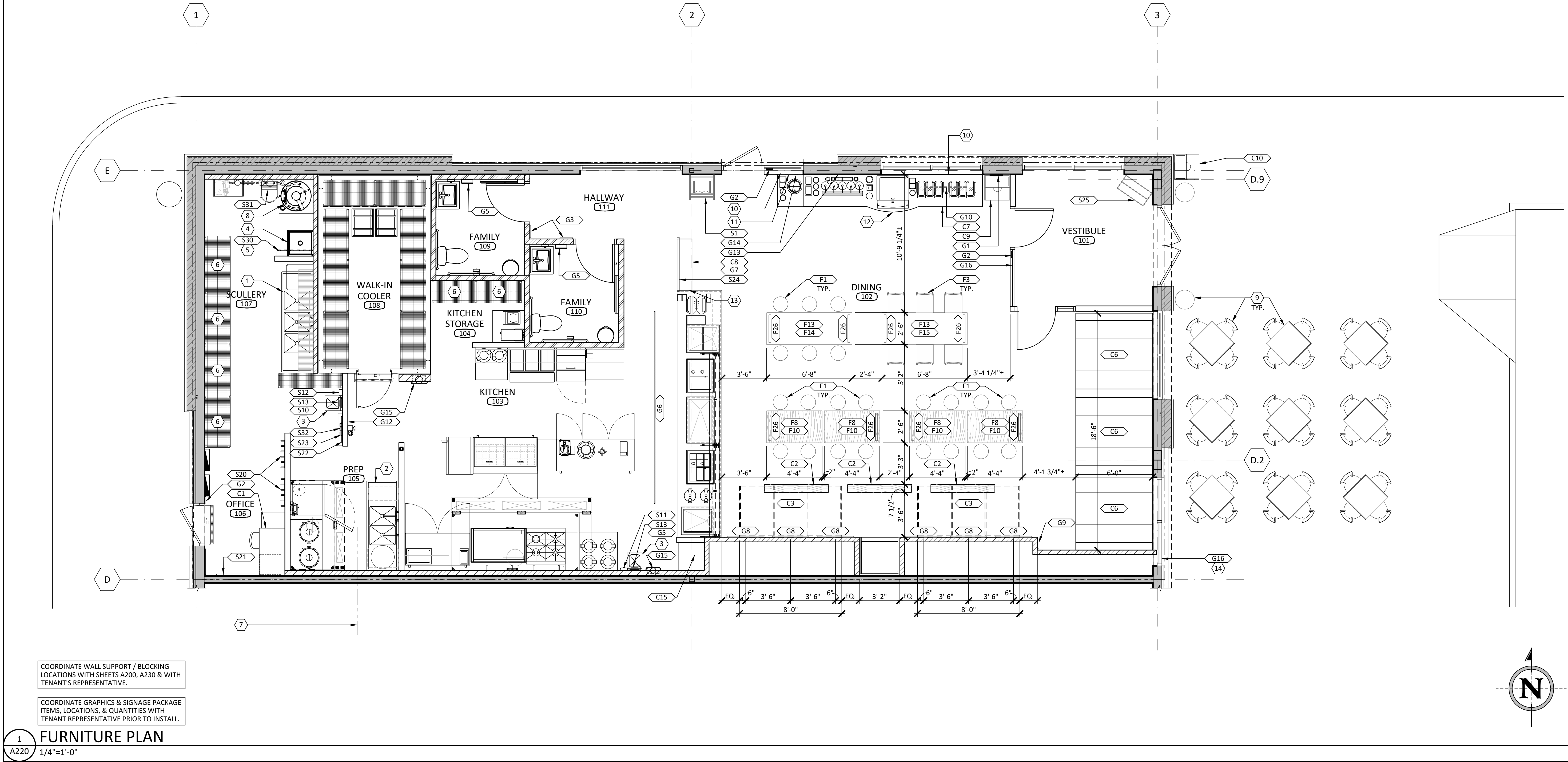
ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:

FURNITURE PLAN

A220



COORDINATE WALL SUPPORT / BLOCKING
LOCATIONS WITH SHEETS A200, A230 & WITH
TENANT'S REPRESENTATIVE.

COORDINATE GRAPHICS & SIGNAGE PACKAGE
ITEMS, LOCATIONS, & QUANTITIES WITH
TENANT REPRESENTATIVE PRIOR TO INSTALL.

1
A220
FURNITURE PLAN
1/4"=1'-0"

FURNITURE KEY NOTES

- 3-COMPARTMENT SINK. SEE SHEET A230 & PLUMBING DRAWINGS.
- FOOD PROCESSING SINK. SEE SHEET A230 & PLUMBING DRAWINGS.
- HAND WASHING SINK. SEE SHEET A230 & PLUMBING DRAWINGS.
- SERVICE SINK. SEE PLUMBING DRAWINGS FOR ADD'L. INFORMATION.
- CHEMICAL PRODUCT STORAGE.
- DRY GOODS STORAGE. SEE SHEET A230 FOR ADD'L. INFORMATION.
- EXISTING BUILDING COMMON GREASE WASTE LINE TO REMAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- TANK STYLE WATER HEATER ON 6"H CONC. PLATFORM. SEE PLUMB.
- PATIO FURNITURE BY TENANT.
- CASEWORK VENDOR TO PROVIDE COORDINATING COVER BETWEEN COUNTERTOP AND STOREFRONT SYSTEM. COVER IS TO BE FLEXIBLE SO AS TO ALLOW FOR THERMAL MOVEMENT AT STOREFRONT SYSTEM BUT TO PREVENT DEBRIS FROM FALLING BEHIND CASEWORK. SEE SHEET A200 FOR ADDITIONAL INFORMATION.
- CASEWORK VENDOR TO PROVIDE FINISHED BACK/SIDE PANEL ON CASEMENT WHERE ADJACENT TO STOREFRONT GLAZING SYSTEM.
- TOE KICK IS TO RETURN UNDER/LEAVE VOID AT FLOOR SINK AREA.
- CASEWORK VENDOR TO PROVIDE FILLER PANEL BETWEEN SHELF & FRONT LINE WALL. SEE SHEET A400.
- APPLY SEMI-TRANSPARENT VINYL GRAPHIC TO STOREFRONT GLAZING AT AREA OF WALL FURRING. SEE SHEET A120.

NOTE: SEE SHEETS A030 AND A230 FOR ADDITIONAL INFORMATION.

FURNITURE SCHEDULE

**SEE 1/A600 FOR ADDITIONAL INFORMATION ON FIXED SEATING
**ALL FURNITURE SUPPLIED & INSTALLED BY FURNITURE VENDOR U.N.O.- COORDINATE WITH RESPONSIBILITY SCHEDULE ON SHEET A030.
** FURNITURE VENDOR TO COORDINATE FINAL HEIGHTS WITH TENANT REPRESENTATIVE PRIOR TO FABRICATION & INSTALL.

| KEY | DESCRIPTION | KEY | DESCRIPTION |
|-----|--|-----|--|
| F1 | HIGH TOP WD2 STOOL W/ 3" MTL. PIPE SUPPORT- SEE 1/A600 FOR TYP. FIXED CHAIR CLEARANCES | F16 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 TOASTED FINISH: 2'-8"-0" |
| F2 | LOW TOP WD2 STOOL W/ 3" MTL. PIPE SUPPORT- SEE 1/A600 FOR TYP. FIXED CHAIR CLEARANCES | F17 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 WHITE FINISH: 2'-6"-0" |
| F3 | AT-95 TRANSIT CHAIR | F18 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD1 TOASTED FINISH: 3'-6"-0" |
| F4 | WD1 SEAT & "CONSTRUCTION ORANGE" METAL FINISH | F19 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 WHITE FINISH: 3'-6"-0" |
| F5 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD1 TOASTED FINISH: 2'-2"-0" LONG | F20 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD1 TOASTED FINISH: 4'-6"-0" |
| F6 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 WHITE FINISH: 2'-2"-0" LONG | F21 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 WHITE FINISH: 4'-6"-0" |
| F7 | HIGH TOP TABLE METAL BASE: 1'-10" LONG | F22 | HIGH TOP ROUND TOP TABLE METAL BASE: 1'-10" WIDE |
| F8 | LOW TOP TABLE METAL BASE: 1'-10" LONG | F23 | LOW TOP ROUND TOP TABLE METAL BASE: 1'-10" WIDE |
| F9 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 WHITE FINISH: 4'-4" LONG | F24 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD1 TOASTED FINISH: 42" HIGH |
| F10 | HIGH TOP TABLE METAL BASE: 4'-0" LONG | F25 | 1 1/2" Ø METAL FOOTREST BELOW TABLE 34" LONG MOUNTED 6" A.F.F. |
| F11 | LOW TOP TABLE METAL BASE: 4'-0" LONG | F26 | 2" METAL PANEL TABLE END |
| F12 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD1 TOASTED FINISH: 6'-8" LONG | | |
| F13 | AT-95 8/4 SALVAGED AMERICAN WHITE OAK TOP WD3 WHITE FINISH: 6'-8" LONG | | |
| F14 | HIGH TOP TABLE METAL BASE: 6'-4" LONG | | |
| F15 | LOW TOP TABLE METAL BASE: 6'-4" LONG | | |

CASEWORK SCHEDULE

**ALL CASEWORK SUPPLIED & INSTALLED BY CASEWORK VENDOR U.N.O.- COORDINATE WITH RESPONSIBILITY SCHEDULE ON SHEET A030.

| KEY | DESCRIPTION |
|-----|--|
| C1 | MANAGER'S DESK & SHELVING- SEE DETAIL 6/A600 & ELECTRICAL DRAWINGS |
| C2 | QUEUING RAIL- SEE DETAIL 5/A600 & SHEET A200 |
| C3 | PERFORATED METAL ARCHES ABOVE- SEE DETAIL 3/A600 & SHEET A240 |
| C4 | 2-SEAT BOOTH "POD" PL3 WITH WD2 BENCHES & POWDER COATED ROOF |
| C5 | 4-SEAT BOOTH "POD" PL3 WITH WD2 BENCHES & POWDER COATED ROOF |
| C6 | 6-SEAT BOOTH "POD" PL3 WITH WD2 BENCHES & POWDER COATED ROOF |
| C7 | PL2 BEVERAGE & CONDIMENT STATION- SEE SHEETS A110 & A200 FOR ADDITIONAL INFORMATION |
| C8 | PL3 ONLINE ORDER SHELVING- 18" W x 14" D x 78" H |
| C9 | PL1 LARGE WASTE RECEPTACLE UNIT- 24"x24"x48" |
| C10 | OUTDOOR WASTE RECEPTACLE UNIT |
| C11 | PL3 PLANTER BOX AND PLANT |
| C12 | MAGAZINE TREE- SEE DETAIL 7/A600 |
| C13 | MAGAZINE TIER- SEE DETAIL 7/A600 |
| C14 | COMMUNITY BOARD- 72" W x 42" H (VERIFY) PROVIDED BY FABRICATED ELEMENTS VENDOR & INSTALLED BY G.C. |
| C15 | ADJUSTABLE SHELVING- PL2 2'-2" ± x 2'-0" & SEE DETAIL 2/A401 |

GRAPHICS/SIGN SCHEDULE

**SEE ACCESSIBILITY DETAILS ON SHEET A020 FOR ADDITIONAL INFO.
**ALL GRAPHICS/SIGNS SUPPLIED & INSTALLED BY GRAPHICS VENDOR U.N.O.

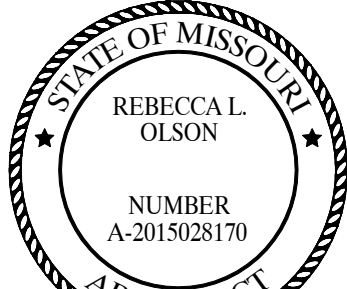
| KEY | DESCRIPTION |
|-----|--|
| G1 | MAXIMUM OCCUPANCY CAPACITY SIGNAGE: 5" x 9" AS REQUIRED BY CODE / PROVIDED & INSTALLED BY G.C. |
| G2 | TACTILE EXIT SIGNAGE AS REQUIRED BY CODE / PROVIDED & INSTALLED BY G.C. |
| G3 | 12" Ø RESTROOM IDENTIFICATION SIGNAGE |
| G4 | RESTROOM DIRECTIONAL SIGN: 31" x 8" |
| G5 | DECORATIVE "EMPLOYEES MUST WASH HANDS" SIGNAGE |
| G6 | ORDER BOARD ABOVE- VERIFY SIZE W/ TENANT- PROVIDED & INSTALLED BY MENU BOARD VENDOR |
| G7 | ONLINE ORDER SIGNAGE- VERIFY LOCATION & SIZE W/ TENANT |
| G8 | FULL-SIZE GRAPHIC PANEL: 2'-10"x4'-2" |
| G9 | WALL MOUNTED MENU HOLDER |
| G10 | CRAFT BEVERAGE SIGN- SUSPENDED BY AIRCRAFT CABLE ABOVE |
| G11 | VINYL WALL GRAPHIC AT ROD BACKS |
| G12 | VINYL WALL GRAPHIC- "WELL B'ING" |
| G13 | VINYL WALL GRAPHIC- "TAKE CARE ALWAYS" |
| G14 | VINYL WALL GRAPHIC- "FREE MISO" |
| G15 | VINYL CABINET GRAPHIC- FIRE EXTINGUISHER/CLASSIFICATION IDENTIFICATION |
| G16 | VINYL WINDOW GRAPHIC |
| G17 | ILLUMINATED WALL SIGNAGE- BY SIGNAGE VENDOR |

ACCESSORIES SCHEDULE

**SELECTED ITEMS LISTED BELOW. VFY. REMAINING ITEMS WITH TENANT.
**ALL ACCESSORIES TO BE SUPPLIED & INSTALLED BY G.C. U.N.O.

| KEY | DESCRIPTION |
|-----|--|
| S1 | BBY HIGH CHAIR- PROVIDED BY SMALLWARES VENDOR/ASSEMBLY BY G.C. |
| S10 | "EMPLOYEES MUST WASH HANDS" SIGN |
| S11 | SURFACE MOUNTED SOAP DISPENSER: BOBRICK B-4112 (SATIN FINISH STAINLESS STEEL) |
| S12 | SURFACE MOUNTED SOAP DISPENSER: BOBRICK B-40 |
| S13 | SURFACE MOUNTED PAPER TOWEL DISPENSER: BOBRICK B-2620 (SATIN FINISH STAINLESS STEEL) |
| S20 | EMPLOYEE COAT HOOK & PERSONAL BELONGING STORAGE: INTERDESIGN STEEL GARMENT HOOK #06941CT OR EQ. |
| S21 | 24"x36" WHITE DRY ERASE BOARD |
| S22 | 24"x36" BULLETIN BOARD |
| S23 | WALL MOUNTED CLOCK |
| S24 | 58" MONITOR- PROVIDED & INSTALLED BY TENANT |
| S25 | "H" FRAME & GRAPHICS- PROVIDED & INSTALLED BY TENANT |
| S30 | MOP & BROOM HOLDER- U-LINE #H-2555 OR APPROVED EQUAL |
| S31 | MOP BUCKET- PROVIDED BY KITCHEN EQUIP. VENDOR/ASSEMBLED BY G.C. |
| S32 | 20" POP-UP SAFETY CONE WITH STORAGE TUBE: 3" THUS- PROVIDED BY KITCHEN EQUIP. VENDOR/INSTALLED BY G.C. |
| S33 | LADDER HANGER |

SEAL/SIGNATURE:



REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:

**KITCHEN EQUIPMENT
PLAN**

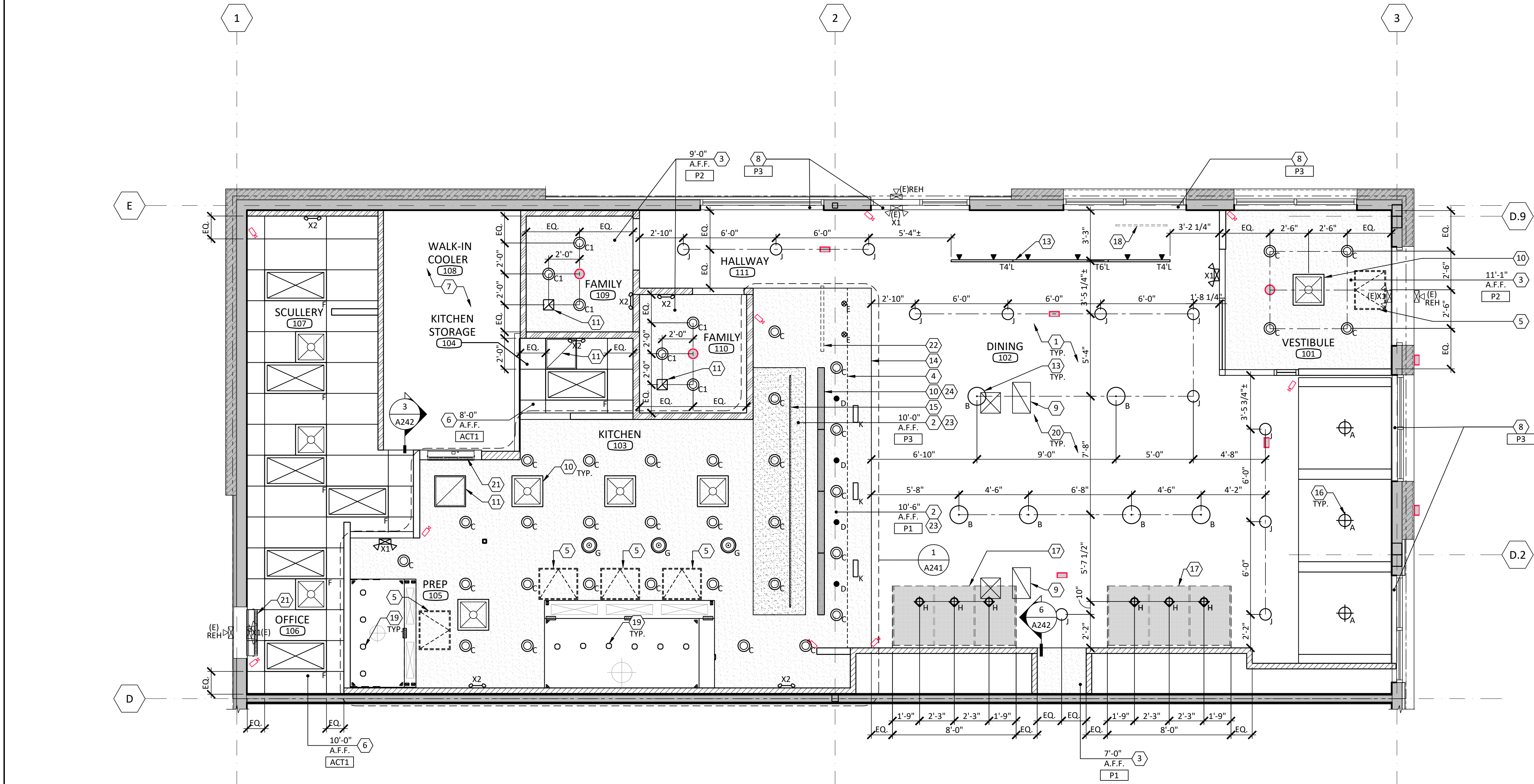
A230

1 KITCHEN EQUIPMENT PLAN
A230 1/4"=1'-0"

| KITCHEN EQUIPMENT SCHEDULE | | | | | | | | | | | |
|----------------------------|---|-------|--|-------|--|-------|--|-------|--|------|-----------------------------------|
| KEY | DESCRIPTION | KEY | DESCRIPTION | KEY | DESCRIPTION | KEY | DESCRIPTION | KEY | DESCRIPTION | KEY | DESCRIPTION |
| E1 | WALK-IN COOLER- COORD. SHOP DRAWINGS WITH K.E.V. | E10 | BAG-IN-BOX BEVERAGE STORAGE | E29 | SLICER | E44.1 | INGREDIENT BIN | E61 | HOT FOOD TABLE- 2 WELLS | E100 | ICE & BEVERAGE DISPENSER |
| E1.1 | COMPRESSOR & EVAPORATOR | E11 | CO2 TANK- PROVIDED & INSTALLED BY CO2 VENDOR | E30 | CHOPPER | E44.2 | INGREDIENT BIN | E61.1 | HOT FOOD TABLE- 3 WELLS | E101 | ICE MAKER- INSTALLED BY G.C. |
| E1.2 | GLASS DISPLAY DOORS | E12 | REACH-IN FREEZER | E31 | VEGETABLE PEELER | E45 | STAINLESS STEEL EQUIPMENT STAND- 48"x30"x24" HIGH | E62 | WALL MOUNTED STAINLESS STEEL SHELF- SIZE AS INDICATED | E102 | ANTIMICROBIAL ICE PROTECTION |
| E1.3 | GRAVITY SHELVING | E13 | ICE MAKER & BIN | E32 | INDUCTION HOT TOP | E46 | GAS RICE COOKER | E63 | STAINLESS STEEL PREP TABLE- SIZE AS INDICATED | E103 | BEVERAGE DISPENSER |
| E1.4 | WIRE SHELVING (BLACK)- SIZE AS INDICATED | E14 | SAFE- INSTALLED BY G.C. | E33 | TEA MAKER | E50 | TYPE I EXHAUST HOOD- INSTALLED BY G.C. | E64 | STAINLESS STEEL PREP TABLE- 48"W x 30"D | E104 | WATER DISPENSER |
| E1.5 | MOBILE BUN PAN RACK | E15 | SAFE- INSTALLED BY G.C. | E34 | ROLL-IN REFRIGERATOR | E50.3 | VERTICAL END PANEL | E70 | SOLID SURFACE COUNTERTOP, SUPPORTS, & SNEEZE GUARD | E105 | DRINK CUP DISPENSER |
| E1.6 | DIVIDER CURTAIN | E16.1 | MOBILE TRASH CAN | E35 | REFRIGERATED PREP TABLE- 60"x37" | E51 | GAS RANGE | E71 | P.O.S.- BY TENANT | E106 | DRAIN TRAY |
| E2 | WIRE SHELVING- SIZE AS INDICATED | E16.2 | MOBILE TRASH HAULER | E35.1 | REFRIGERATED PREP TABLE- 72"x37" | E52 | COOK STAND REFRIGERATOR | E72 | DROP-IN COLD PAN (MECHANICALLY COOLED) | E107 | CONDIMENT DISPENSER (5-THUS) |
| E2.1 | COATED WIRE SHELVING- SIZE AS INDICATED | E20 | STAINLESS STEEL TABLE WITH DROP-IN SINK- 48"W x 30"D | E35.2 | REFRIGERATED PREP TABLE- 60"x30" | E53 | GAS GRIDDLE | E73 | RICE WARMER (2-THUS) | E108 | SAUCE CUP DISPENSER (2-THUS) |
| E3 | WALL-MOUNTED WIRE SHELVING- SIZE AS INDICATED | E21 | STAINLESS STEEL TABLE- 30"x18" (ADJUST BOTTOM SHELF & PROVIDE GROMMETS FOR ELEC. AS REQ'D.) | E35.3 | REFRIGERATED PREP TABLE- 72"x30" | E53.1 | TIMER | E74 | DROP-IN HOT WELL | E109 | NAPKIN DISPENSER (2-THUS) |
| E3.1 | WALL MOUNTED COATED WIRE SHELVING- SIZE AS INDICATED | E22 | 2 - COMPARTMENT PREP SINK | E36 | STAINLESS STEEL COVER PANEL | E53.2 | STAINLESS STEEL DEFLECTOR | E75 | DROP-IN COLD PAN (MECHANICALLY COOLED) | E110 | SERVINGWARE HOLDER (AS INDICATED) |
| E4 | DUNNAGE RACK- SIZE AS INDICATED | E23 | WORKTOP REFRIGERATOR- 60" | E40 | TYPE II EXHAUST HOOD- INSTALLED BY G.C. | E54 | STAINLESS STEEL TABLE- 12"W x 36" D | E76 | DROP-IN COLD PAN (ICE COOLED) | E111 | SOUP MERCHANDISER |
| E4.1 | MOBILE DUNNAGE RACK- 21"x36" (V.F.Y.) | E23.1 | WORKTOP REFRIGERATOR- 72" | E40.1 | TYPE I EXHAUST HOOD- INSTALLED BY G.C. | E55 | STAINLESS STEEL TABLE- 36"W x 36" D x 24"H | E77 | VERTICAL MERCHANDISER | E112 | WASTE RECEPTACLE CUT-OUT |
| E5 | DRINK RAIL- 30" WIDE INSTALLED BY G.C. | E24 | WORKTOP FREEZER | E41 | STAINLESS STEEL EQUIPMENT STAND- 36"x30" | E56 | KNIFE SANITIZER | | | | |
| E6 | HAND SINK WITH EYEWASH ATTACHMENT | E25 | MOBILE CAN RACK | E42 | ELECTRIC STEAMER | E57 | RICE WARMER | | | | |
| E7 | 3 - COMPARTMENT SINK | E26 | CAN OPENER- INSTALLED BY G.C. | E42.1 | EXHAUST HOOD FOR ELECTRIC STEAMER | E58 | COUNTERTOP WARMER | | | | |
| E8 | FUTURE UNDER COUNTER DISHWASHER | E27 | SALAD DRYER | E42.2 | GAS STEAMER | E59 | STAINLESS STEEL PREP TABLE- 48"W x 24"D | | | | |
| E9 | WATER FILTRATION SYSTEM- SEE PLUMBING DRAWINGS | E28 | VEGETABLE CUTTER | E43 | REVERSE OSMOSIS WATER FILTRATION SYSTEM- DEDUCT ALTERNATE #1/ SEE PLUMBING DRAWINGS | E60 | REFRIGERATED PREP TABLE | | | | |

GENERAL EQUIP. NOTES

- G.C. TO ACCEPT, UNLOAD AND PROTECT DELIVERY OF CASEWORK, FURNITURE, AND EXHAUST HOODS. G.C. TO COORDINATE INSTALLATIONS WITH RESPONSIBLE PARTY.
- AT STAINLESS STEEL TABLES, BOTTOM SHELF SHALL BE INSTALLED SUCH THAT 6" CLEAR SPACE MINIMUM IS PROVIDED BELOW SHELF FOR CLEANING.
- ALL PLASTIC, STICKERS, ETC. ON KITCHEN EQUIPMENT SHALL BE REMOVED BY G.C. AT TIME OF FINAL CLEAN.
- ITEMS LISTED WITHIN THE KITCHEN EQUIPMENT SCHEDULE ARE NOTED FOR REFERENCE AND ARE TO BE PROVIDED AND INSTALLED BY KITCHEN EQUIPMENT VENDOR U.N.O.
- SEE SHEET A030, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- KITCHEN EQUIPMENT VENDOR TO COORDINATE ALL TABLE HEIGHTS WITH TENANT'S REPRESENTATIVE PRIOR TO ORDERING/FABRICATING.
- COORDINATE WALL SUPPORT / BLOCKING LOCATIONS WITH SHEETS A200, A220 & WITH TENANT'S REPRESENTATIVE.



1 REFLECTED CEILING PLAN
A240 1/4"=1'-0"

REFLECTED CEILING PLAN KEY NOTES

- EXPOSED STRUCTURE CEILING. PAINT WOOD DECK, JOISTS, & ALL EXIST./NEW CEILING SUSPENDED PIPES, CONDUIT, ETC. [P3] U.N.O.
- 5/8" GYP. BD./CEMENT BD. ON METAL STUD FRAMING (16 GA. MIN. AT KITCHEN) OR SUSPENSION SYSTEM AS REQUIRED. CEMENT BOARD TYPICAL WITHIN 18" OF TYPE I EXHAUST HOOD. INSTALL SUSPENDED CEILING IN CONFORMANCE WITH ASTM C754. SEE 5/A242 FOR ADDITIONAL INFORMATION.
- 5/8" GYP. BD. CEILING ON 6" MIN. METAL STUD FRAMING, 20 GA. MIN., AT 12" O.C. FRAMING TO RUN THE SHORT DIRECTION.
- DASHED LINE INDICATES PORTION OF SOFFIT EXTENDING UP TO DECK. SEE DETAIL 3/A241 FOR ADDITIONAL INFORMATION.
- 24"x30" ACCESS PANEL. PAINT TO MATCH ADJACENT CEILING & SEE GENERAL CEILING NOTES.
- VINYL ROCK CEILING TILE & GRID WITHIN EXTENTS OF THIS ROOM.
- WALK-IN COOLER ROOF TO BE WITHIN CEILING PLENUM.
- EXISTING GYP. BD. SOFFIT. FINISH AS SPECIFIED.
- HVAC SUPPLY/RETURN DROPS. PAINT DROPS [P3] & CONNECT TO UNPAINTED/ GALVANIZED FINISH DUCTWORK. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- HVAC SUPPLY AIR. SEE MECH. DRAWINGS FOR ADD'L. INFORMATION.
- HVAC RETURN GRILLE. SEE MECH. DRAWINGS FOR ADD'L. INFORMATION.
- NOT USED.
- PROVIDE UNI-STRUT & HANG FROM STRUCTURE ABOVE, AROUND DUCT AS REQUIRED TO LOCATE LIGHTS AS INDICATED. SEE DETAIL 4/A241 FOR ADDITIONAL INFORMATION.
- FACE OF GYP. BD. SOFFIT TO ALIGN WITH FACE OF CASEWORK BELOW.
- ORDER BOARD SYSTEM CENTERED ON FRONT LINE AS INDICATED. SEE DETAIL 2/A241 FOR ADDITIONAL INFORMATION.
- PARTIAL HEIGHT SEATING FURNITURE WITH INTEGRAL CEILING. FURNITURE TO BE PROVIDED & INSTALLED BY CASEWORK VENDOR. G.C. TO COORDINATE INSTALLATION OF LIGHT FIXTURE IN CEILING.
- PERFORATED METAL ARCH MOUNTED WITH BOTTOM AT 8'-0" A.F.F. SEE DETAIL 3/A600 FOR ADDITIONAL INFORMATION.
- CRAFT BEVERAGE SIGN SUSPENDED FROM STRUCTURE ABOVE. COORDINATE MOUNTING LOCATION WITH TENANT'S REPRESENTATIVE. SEE SHEET A220 FOR ADDITIONAL INFORMATION.
- INTEGRAL LIGHTING IN EXHAUST HOOD BY KITCHEN EQUIP. VENDOR.
- SEE SHEET A242 AND ARCHITECTURAL SPECIFICATIONS FOR ACOUSTICAL PANEL LAYOUT.
- INSECT FAN PROVIDED BY KITCHEN EQUIPMENT VENDOR & INSTALLED BY G.C. SUSPEND EMERGENCY EXIT FIXTURE IN FRONT OF INSECT FAN, WHERE SCHEDULED, & SEE SHEETS A401, A402, & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE 3/4" F.R.T. PLYWOOD BACKING BETWEEN STUDS FOR MOUNTING OF [S24] MONITOR. COORDINATE FINAL LOCATION WITH A220 & TENANT REPRESENTATIVE.
- ALTERNATIVELY, GYP. BD. CEILING MAY BE CONSTRUCTION FROM A SUSPENDED DRYWALL GRID SYSTEM BY ROCKFON CHICAGO METALLIC OR APPROVED EQUAL. SUSPEND FROM STRUCTURE ABOVE & BRACE BACK TO ADJACENT WALLS PER MANUFACTURER'S RECOMMENDATIONS.
- SEE DETAIL 6/A241 & MECHANICAL DRAWINGS FOR SUPPORT OF THE LINEAR SLOT DIFFUSERS.

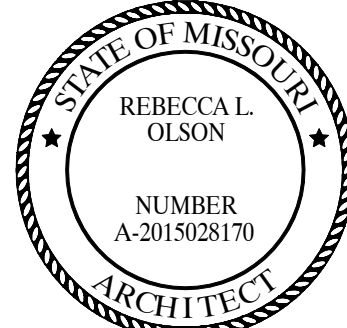
LIGHT FIXTURE SCHEDULE

- | | | | |
|--|---|--|---|
| | DECORATIVE PENDANT LIGHT FIXTURE CENTERED OVER TABLE BELOW- MOUNT BOTTOM OF FIXTURE AT 4'-11" A.F.F. | | LED EXIT/EMERGENCY LIGHT WITH BATTERY PACK & POWER TO REMOTE HEAD. COORDINATE MOUNTING HEIGHTS WITH LOCAL FIRE MARSHALL |
| | 14"Ø DECORATIVE PENDANT LIGHT FIXTURE CENTERED OVER TABLE WITH INDIVIDUAL JUNCTION BOXES AT THE DECK- MOUNT BOTTOM OF FIXTURE AT 6'-4" A.F.F. | | LED EMERGENCY LIGHT- COORDINATE MOUNTING HEIGHTS WITH LOCAL FIRE MARSHALL |
| | 6"Ø RECESSED LED CAN LIGHT FIXTURE | | REMOTE OUTDOOR EMERGENCY LIGHT- COORDINATE MOUNTING HEIGHTS WITH LOCAL FIRE MARSHALL |
| | 6"Ø RECESSED LED CAN LIGHT FIXTURE | | RECESSED SOUND SYSTEM SPEAKER- COORDINATE FINAL COLORS, QUANTITY, & LOCATIONS WITH TENANT REP. |
| | 4"Ø RECESSED LED LIGHT FIXTURE | | WALL MOUNTED / AIRCRAFT CABLE SUSPENDED SOUND SYSTEM SPEAKER, BOTTOM MOUNTED AT 12'-0" A.F.F.- COORDINATE FINAL COLORS, QUANTITY, & LOCATIONS WITH TENANT REPRESENTATIVE |
| | LED DIRECTIONAL CAN LIGHT FIXTURE- AIM LIGHT DOWNWARDS TOWARDS CASEWORK | | SECURITY CAMERA- COORDINATE FINAL COLORS, QUANTITY, LOCATIONS, AND DIRECTION WITH TENANT- INSTALLER TO VERIFY LINE OF SIGHT IS SUFFICIENT AND REPORT ANY ISSUES TO TENANT REPRESENTATIVE- CAMERAS NOT TO BE INSTALLED ABOVE 12'-0" A.F.F. |
| | 2'-0" x 4'-0" LED LAY-IN TYPE LIGHT FIXTURE | FIXTURE NOTES: | |
| | 12"Ø DECORATIVE PENDANT LIGHT FIXTURE- MOUNT BOTTOM OF FIXTURE AT 7'-0" A.F.F. | 1. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE & LAMPING SPECIFICATION. | |
| | SURFACE MOUNTED LED DIRECTIONAL LIGHT FIXTURE- MOUNT TO UNDERSIDE OF PERFORATED METAL ARCH & PAINT HOUSING & JUNCTION BOX [P2] | 2. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL MOUNTING MEANS & METHODS, INCLUDING ALL BLOCKING. | |
| | LED CYLINDER LIGHT FIXTURE SUSPENDED FROM DECK- MOUNT BOTTOM OF FIXTURE AT 9'-0" A.F.F. | 3. VERIFY ALL FINAL MOUNTING HEIGHTS WITH TENANT. | |
| | 13" LED SURFACE MOUNTED LIGHT FIXTURE- AIM LIGHT TOWARDS MENU BOARDS | 4. ALL LIGHT FIXTURES PROVIDED BY TENANT'S LIGHTING VENDOR & INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE. | |
| | TRACK LIGHT WITH LED HEADS AIMED DOWN AT EQUIPMENT- LENGTH AS SHOWN- B.O. TRACK @ 11'-0" A.F.F. | 5. (E) DENOTES EXISTING TO REMAIN. | |
| | | 6. ALL FIXTURE HEADS TO BE REPOSITIONED BY G.C. AFTER ALL CASEWORK AND EQUIPMENT HAS BEEN INSTALLED. ADJUST HEADS IN THE GENERAL DIRECTION OF THE EQUIPMENT/CASEWORK. VERIFY FINAL LOCATION WITH TENANT'S REPRESENTATIVE IN THE FIELD. | |

GENERAL CEILING NOTES

- ARCHITECTURAL DRAWINGS DETERMINE THE LOCATION OF LUMINARIES & SUPERSEDES ALL OTHER DRAWINGS U.N.O.
- REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL MEASUREMENTS ARE TO THE CENTER OF THE FIXTURE U.N.O.
- ALL CEILING HEIGHTS INDICATED ON PLANS ARE FROM TOP OF FINISH FLOOR TO UNDERSIDE OF FINISH CEILING.
- ALL LIGHT FIXTURES, HVAC EQUIPMENT & DIFFUSERS TO BE AIRCRAFT CABLE SUPPORTED FROM TOP CHORD OF STRUCTURAL TRUSS ABOVE. HANGER WIRE AT SUSPENDED CEILING (WHEN APPLICABLE) SHALL BE 8 GA. AND 10 GA. AT SUSPENDED A.C.T. WIRES SHALL BE ATTACHED TO WOOD TRUSS & STRUCTURAL STEEL ONLY, WITH U.L. LISTED CLAMPS. DO NOT ATTACH SUPPORT WIRES TO MECHANICAL EQUIPMENT OR PIPING. SCREWS ARE NOT PERMITTED IN THE WOOD DECKING.
- CEILING SUSPENSION SYSTEM (AS REQUIRED) SHALL BE ATTACHED AT 2 ADJACENT WALLS, MAINTAIN 2 SIDES UNRESTRAINED.
- ADDITIONAL HANGARS AND SAFETY WIRES FOR LIGHT FIXTURES, SPEAKERS AND AIR SUPPLY/RETURN DIFFUSERS (PER LOCAL CODES) TO BE THE RESPONSIBILITY OF THE CEILING SUBCONTRACTOR.
- BACK TO BACK SWITCHES ARE NOT ALLOWED. OFFSET A MINIMAL DIMENSION WITH A METAL STUD IN BETWEEN OPPOSING SWITCHES OR HAVE ONE SET LOW/ONE HIGH. SEE ELECTRICAL PLANS.
- GANG SWITCHES IN THE SAME LOCATION ON SAME COVER PLATE.
- COORD. WITH ALL TRADES TO ENSURE CLEARANCES FOR ALL CEILING RELATED APPURTENANCES REQ'D. TO MAINTAIN THE SPECIFIED FINISH CEILING HEIGHT AS NOTED ON THE DRAWINGS. VERIFY PRIOR TO BID.
- PROVIDE ACCESS PANELS AS REQUIRED BY CODE WITH LOCATIONS COORD. WITH ARCHITECT & TENANT'S REP. CONTACT LANDLORD & COORD. SHELL BUILDING REQ'D. ACCESS PANELS PRIOR TO INSTALL.

SEAL/SIGNATURE:



REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP
asian grill
STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

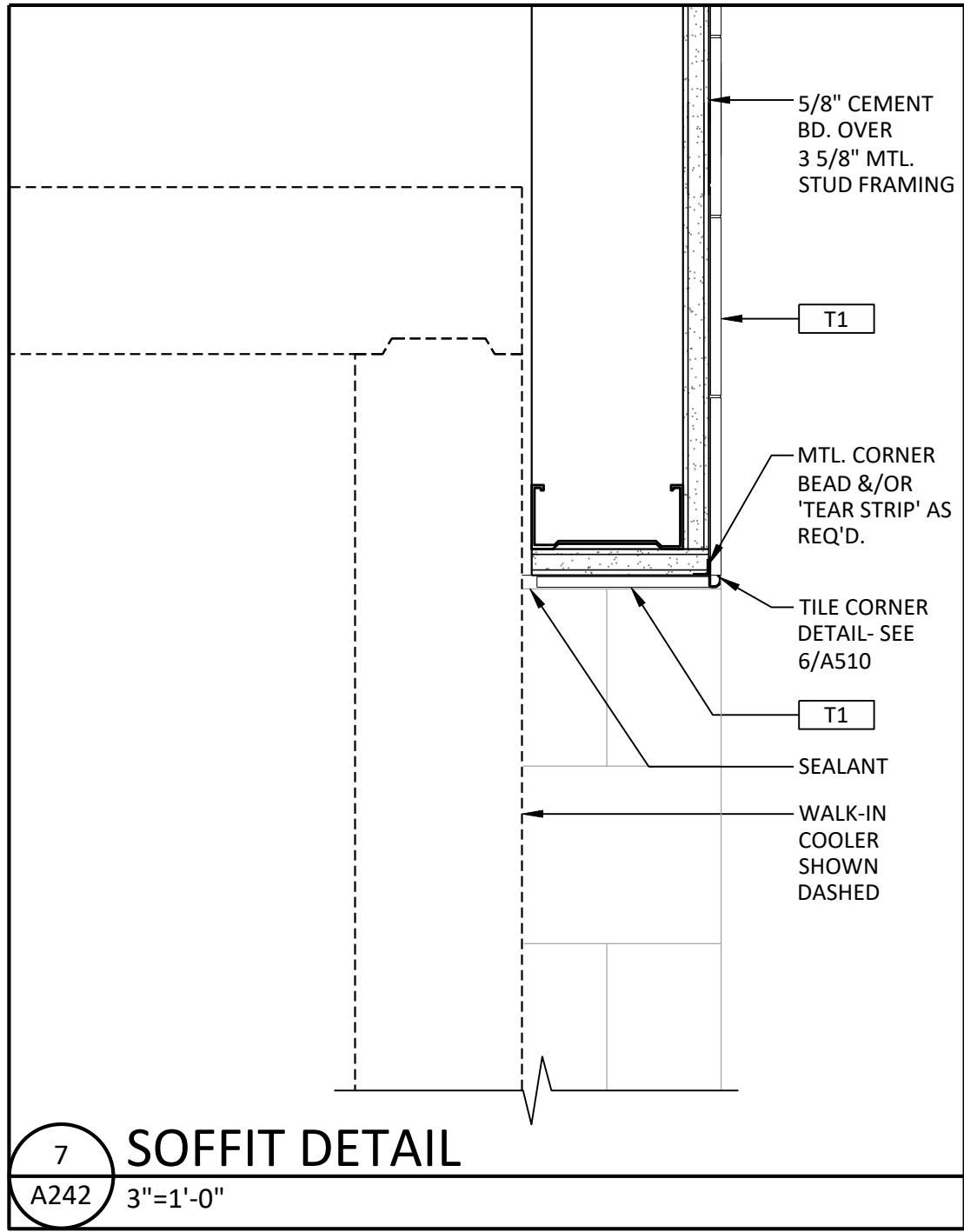
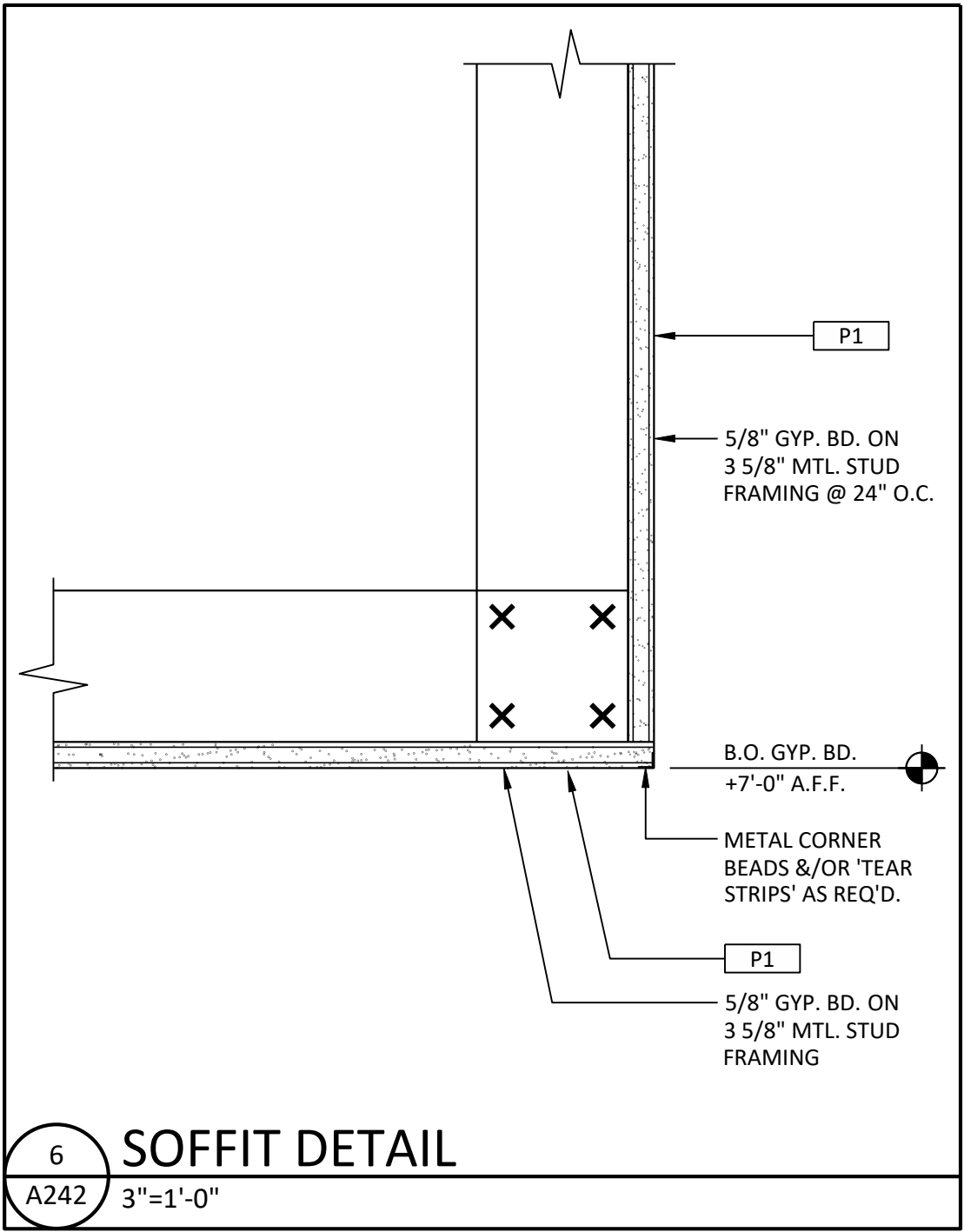
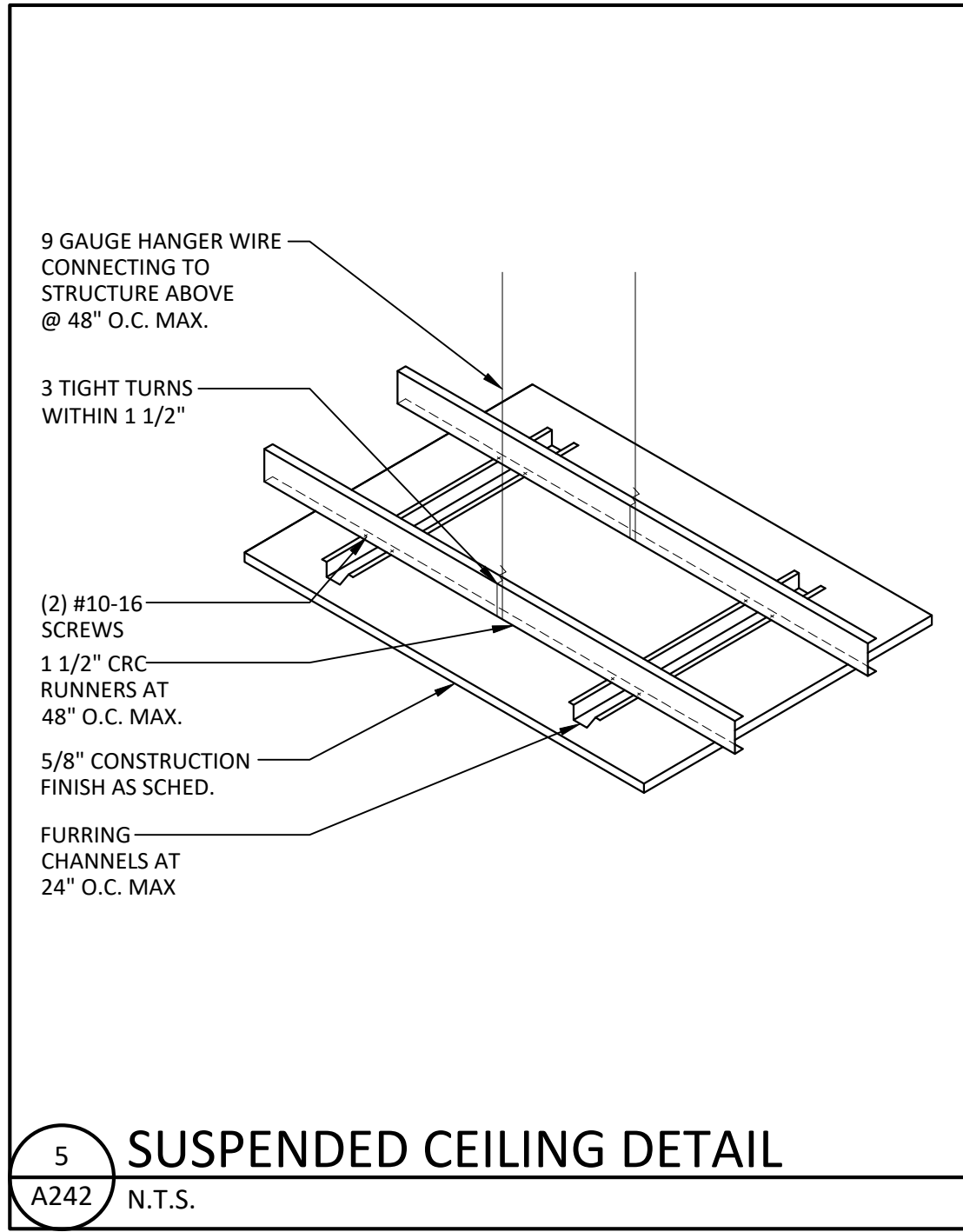
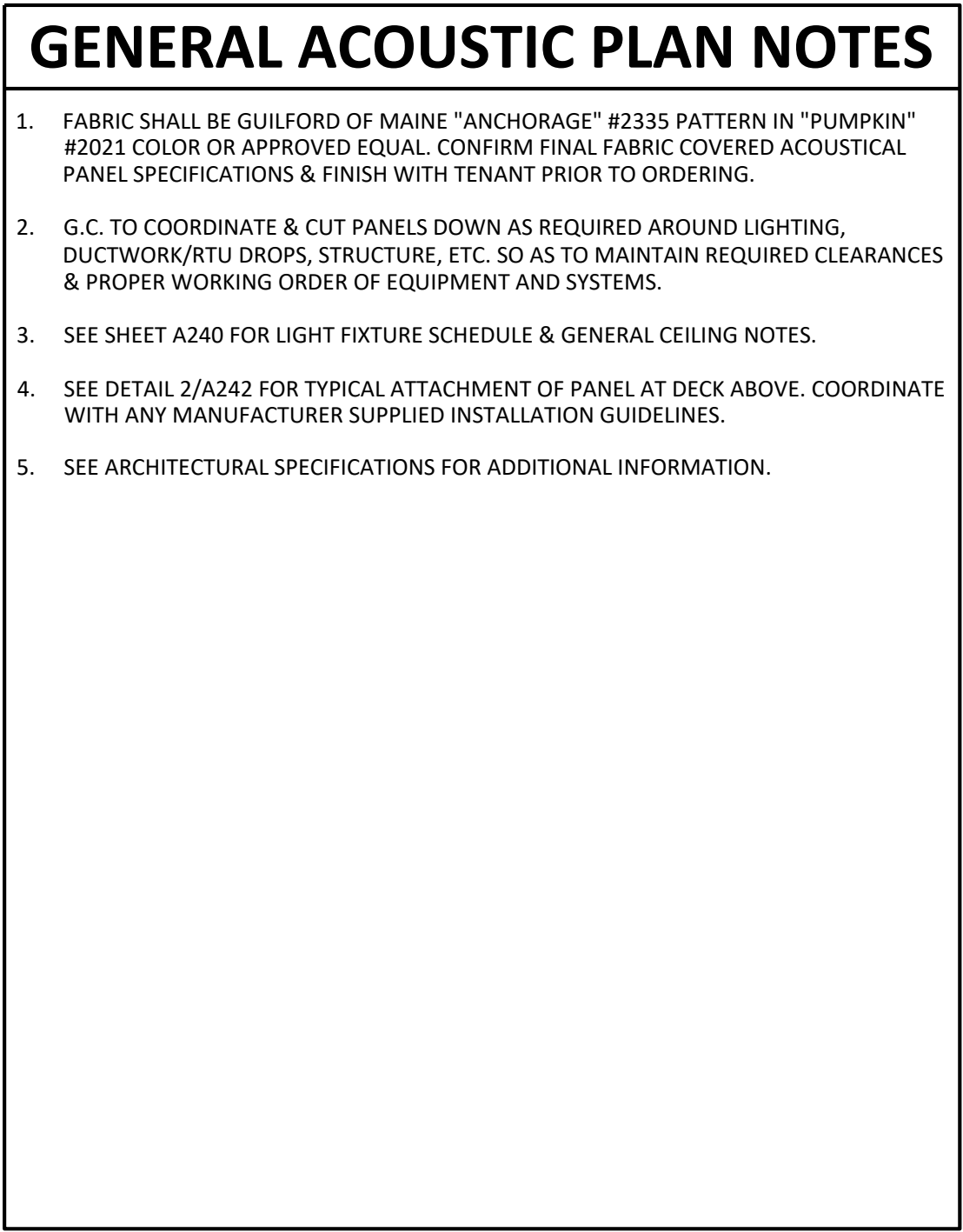
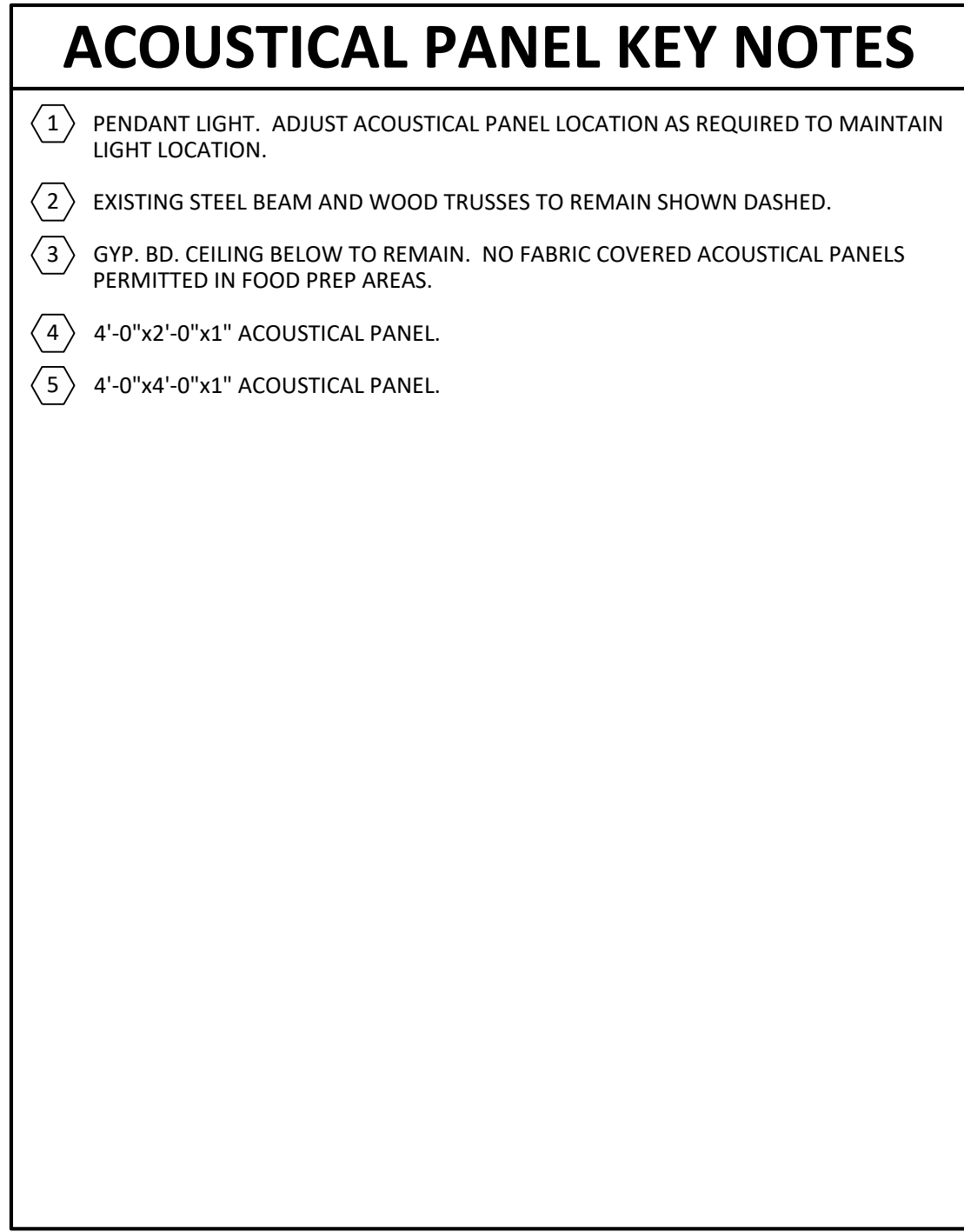
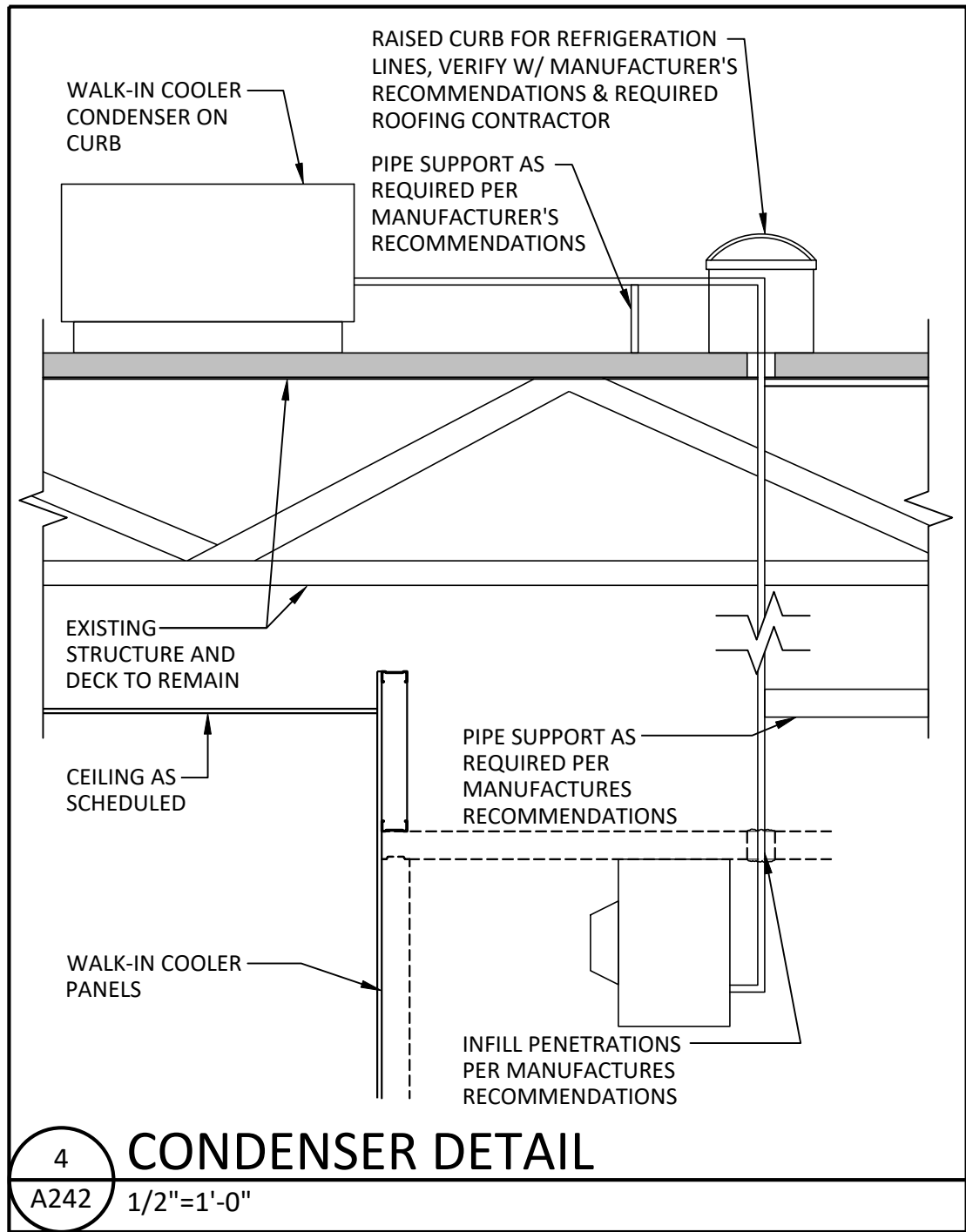
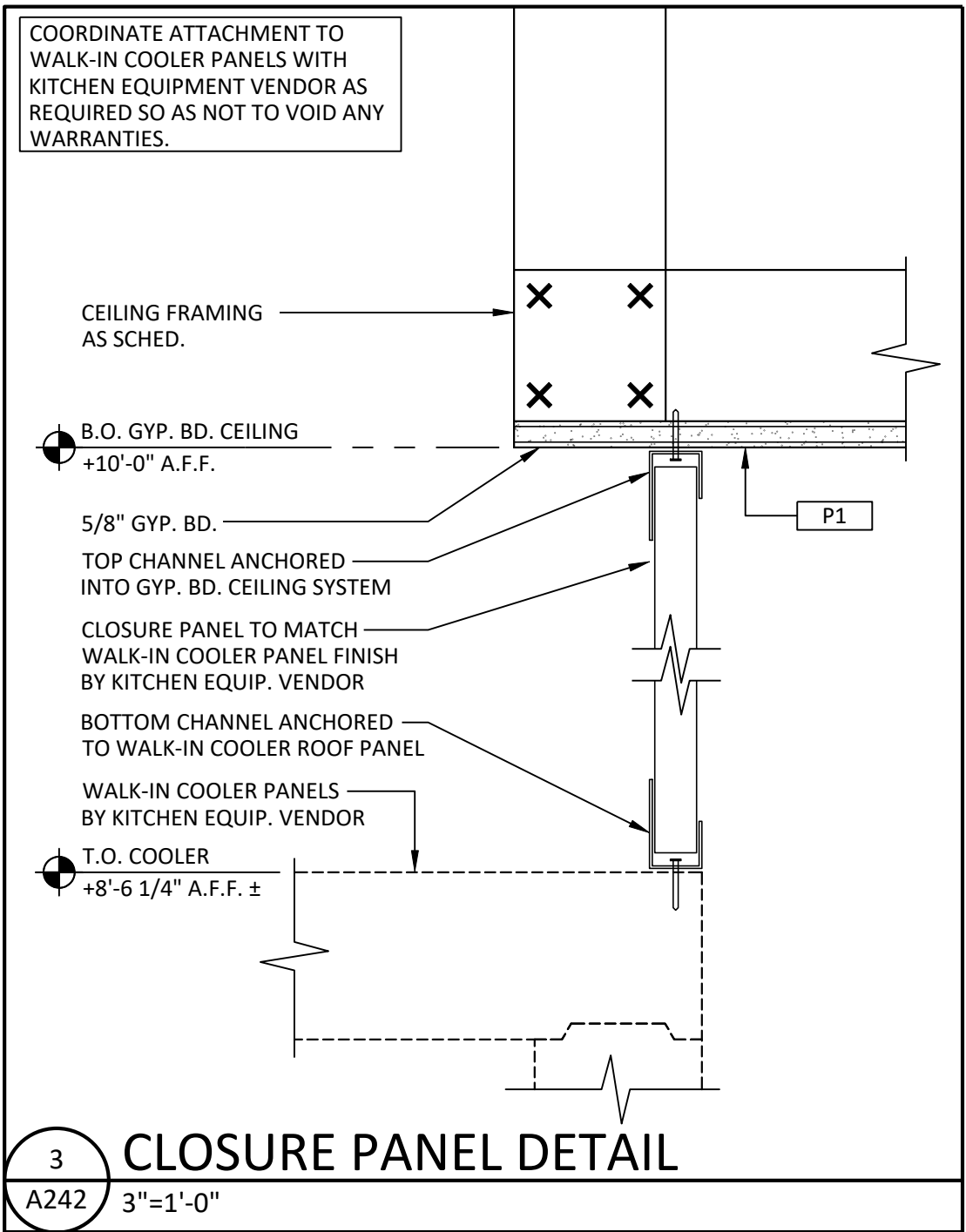
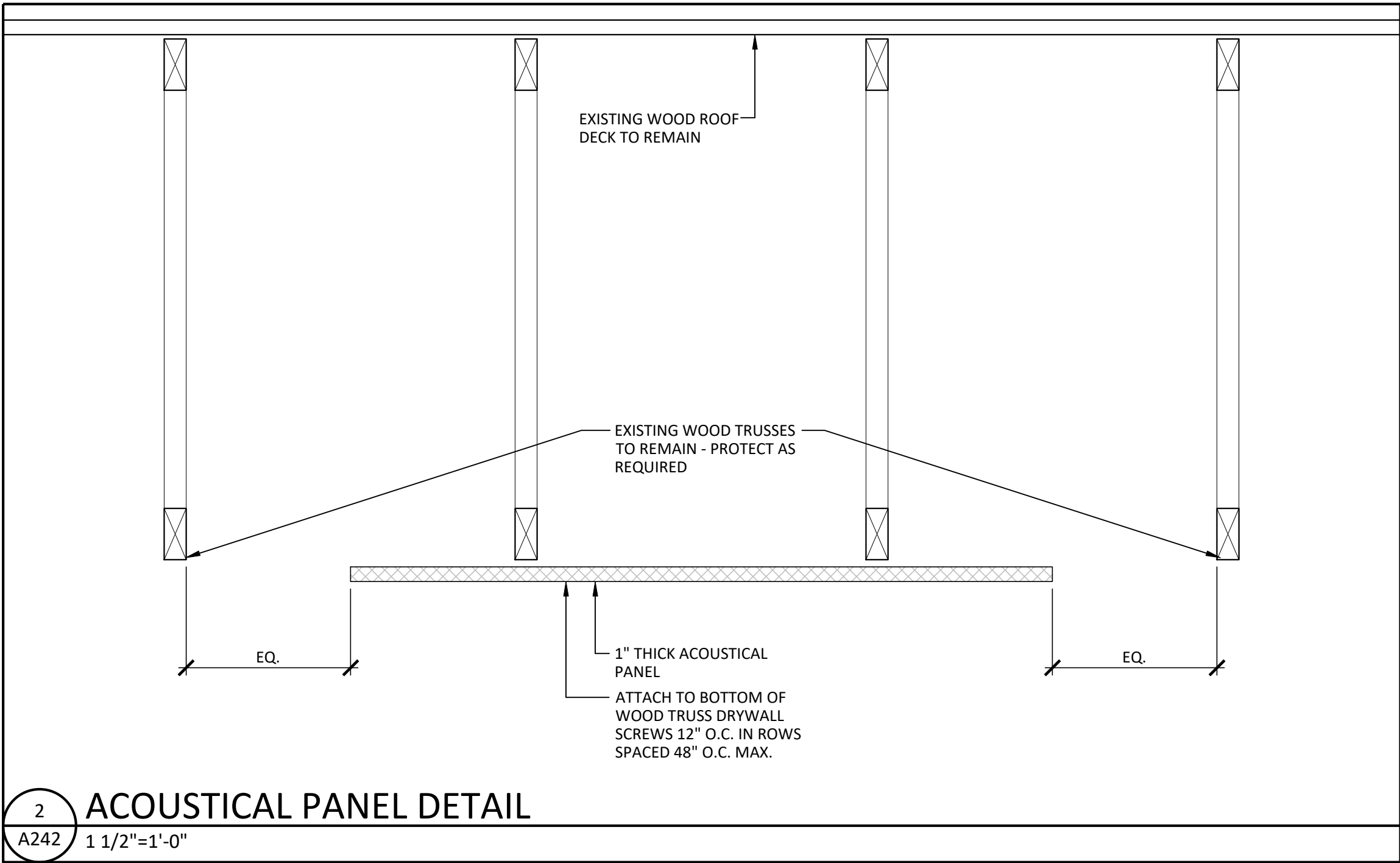
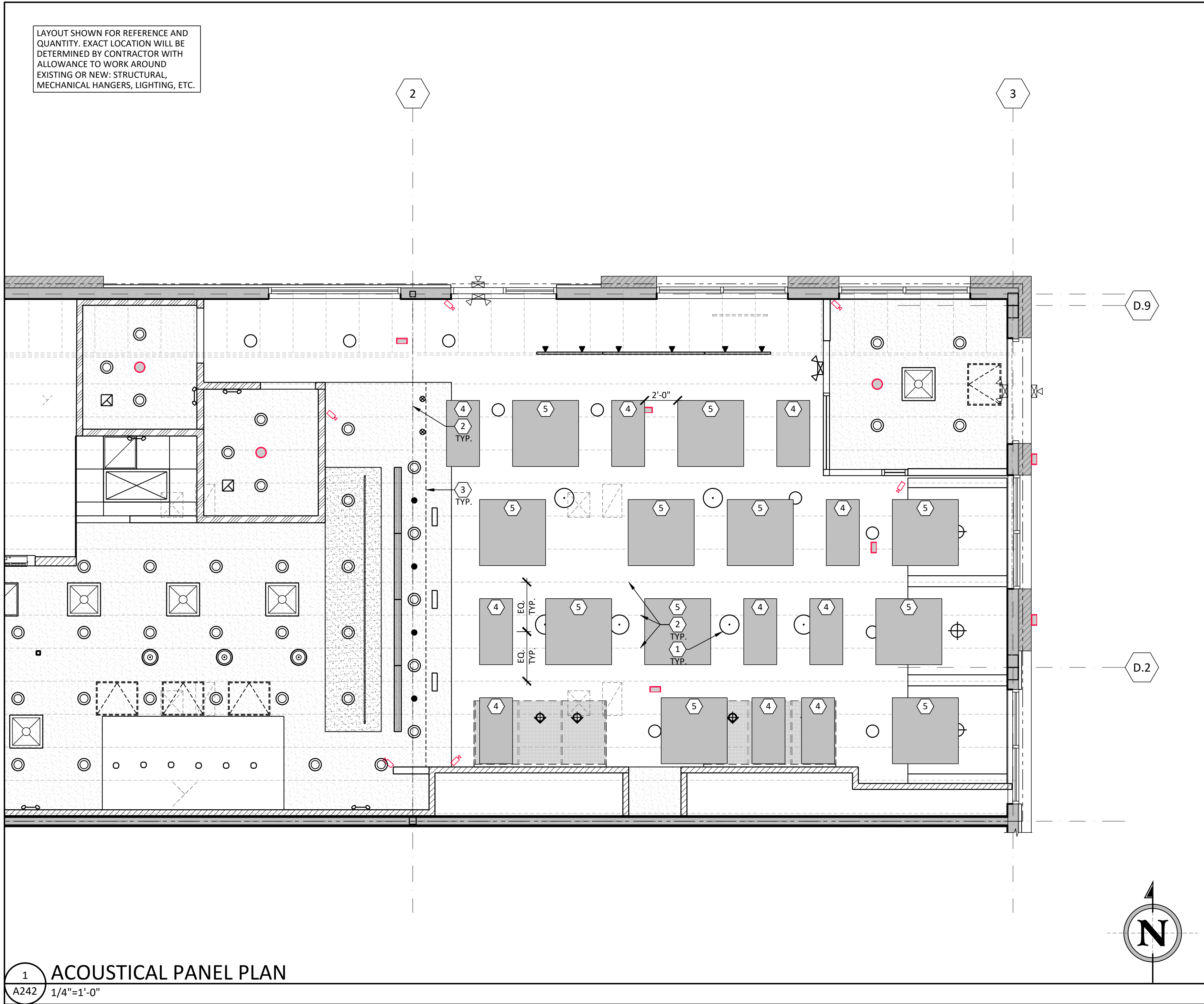
ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:

REFLECTED CEILING
PLAN

A240



RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI

02/12/2021

finn daniels
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Finn Daniels, Inc.
Missouri State Certificate of Authority #A-2016006102

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REBECCA L. OLSON
NUMBER A-2015028170
ARCHITECT

REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:

BIBIBOP
asian grill
STREETS OF WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

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DRAWN BY: SJV

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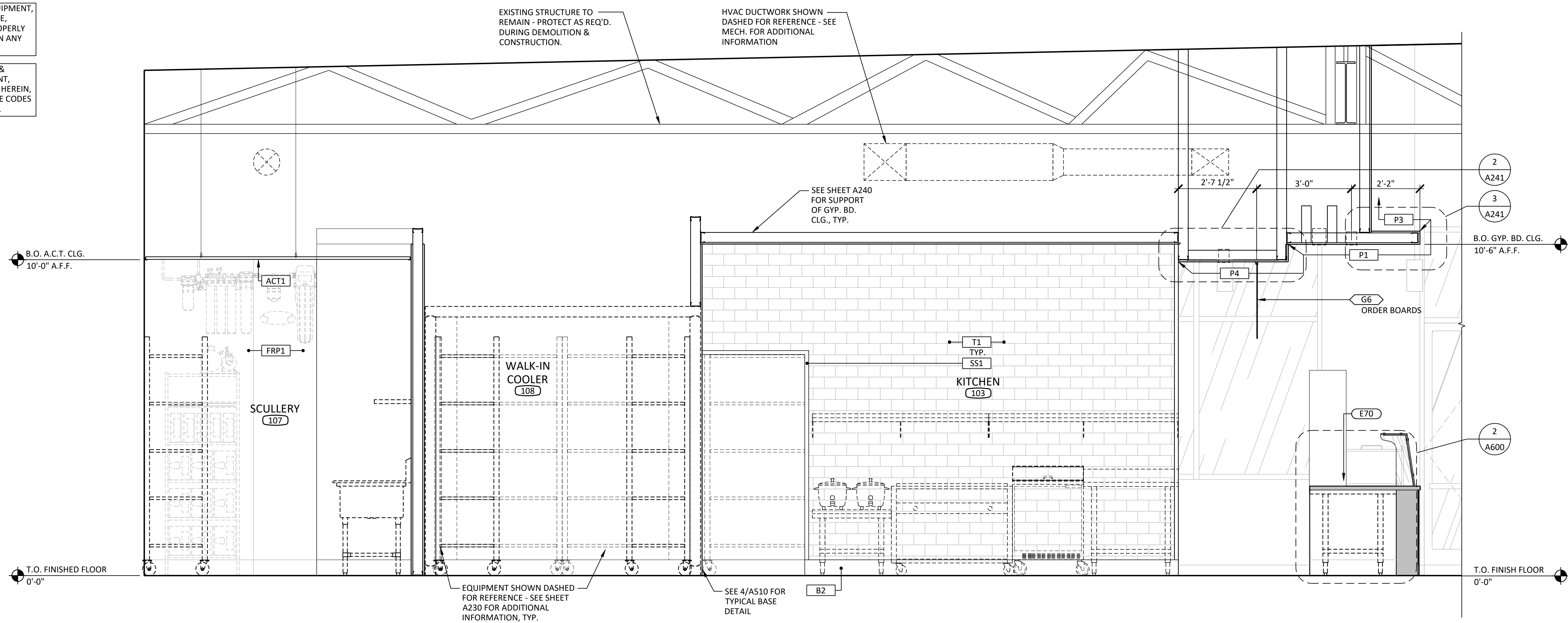
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SHEET TITLE:
ACOUSTICAL PANEL PLAN

A242

G.C. IS RESPONSIBLE FOR ALL MECHANICAL EQUIPMENT, COMPONENTS, DUCTWORK, ETC. TO MEET CODE, MAINTAIN REQUIRED CLEARANCES, AND BE PROPERLY INSULATED. NOTIFY ARCHITECT IMMEDIATELY IN ANY ISSUE OR CONFLICT ARISES.

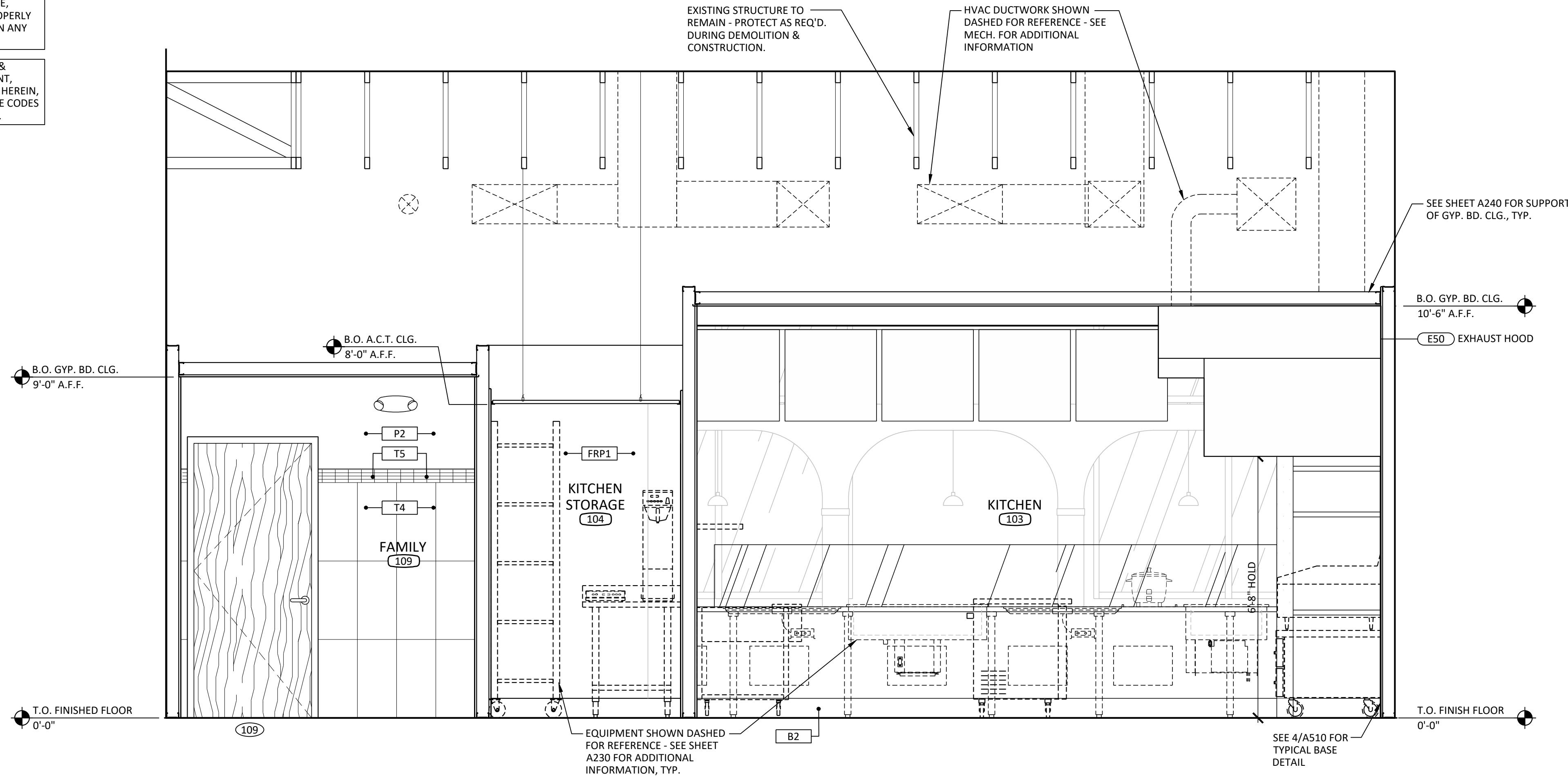
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1
A300
INTERIOR SECTION
1/2"=1'-0"

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2
A300
INTERIOR SECTION
1/2"=1'-0"

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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

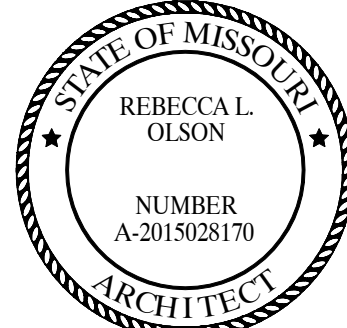
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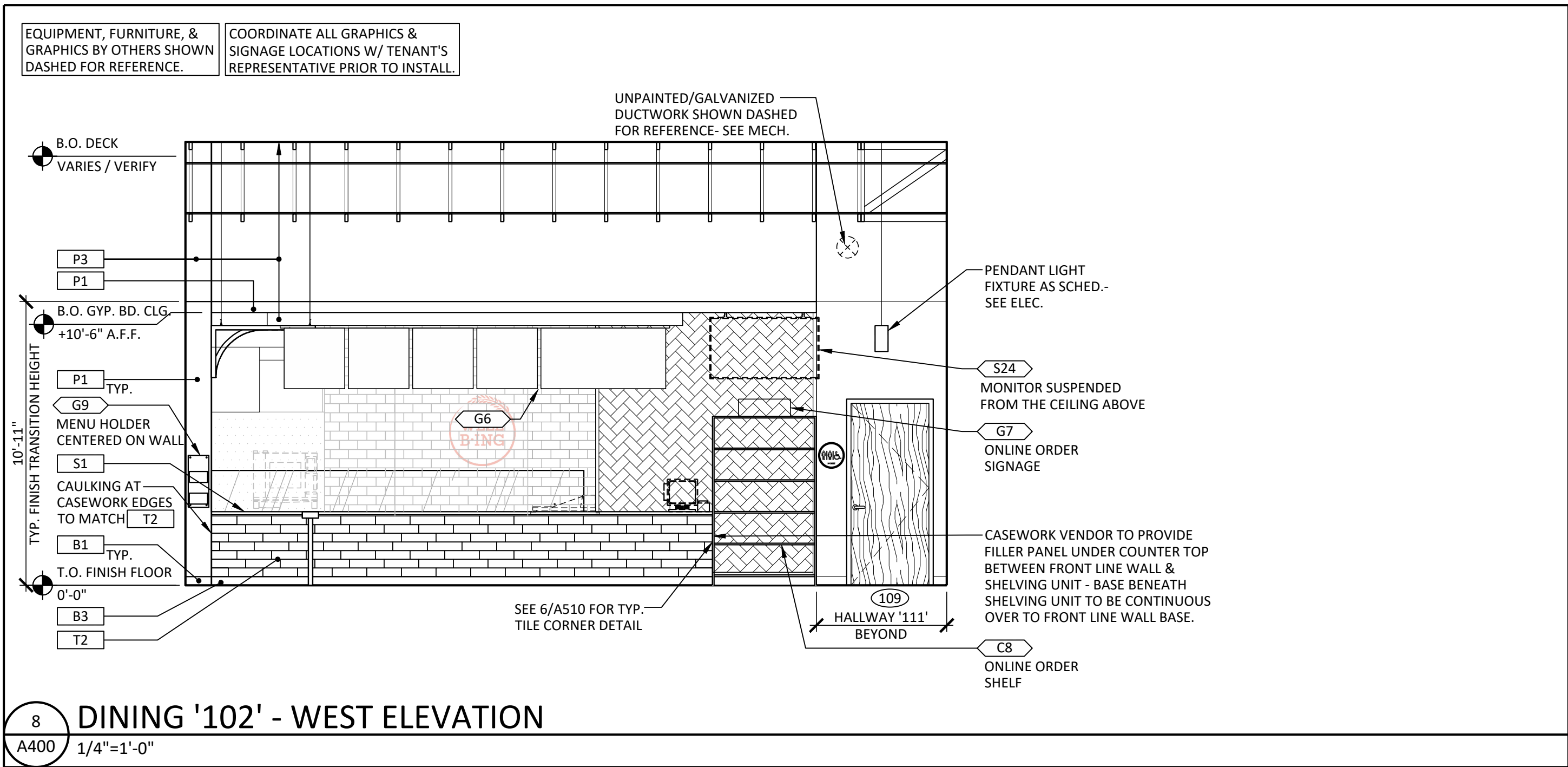
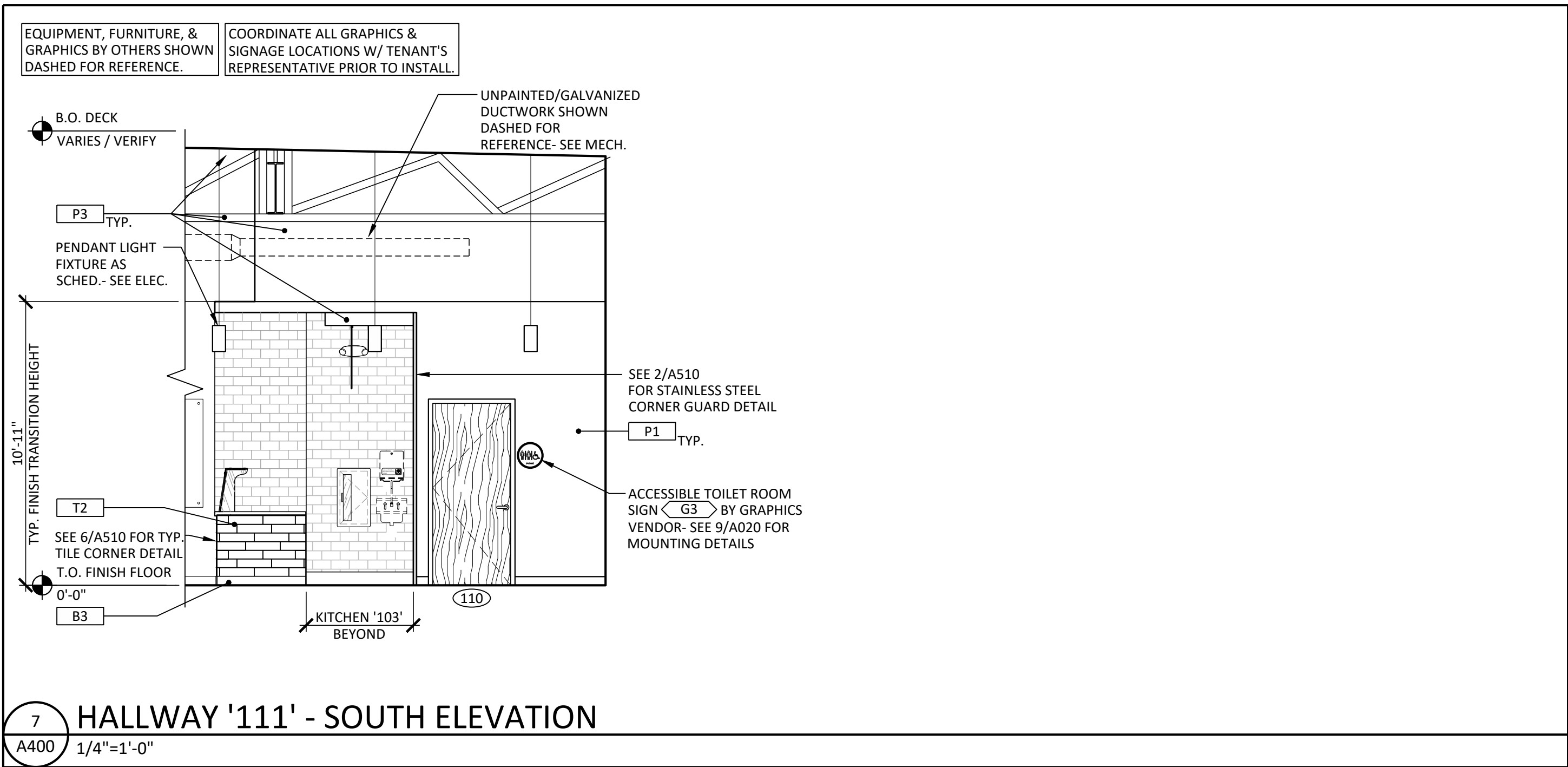
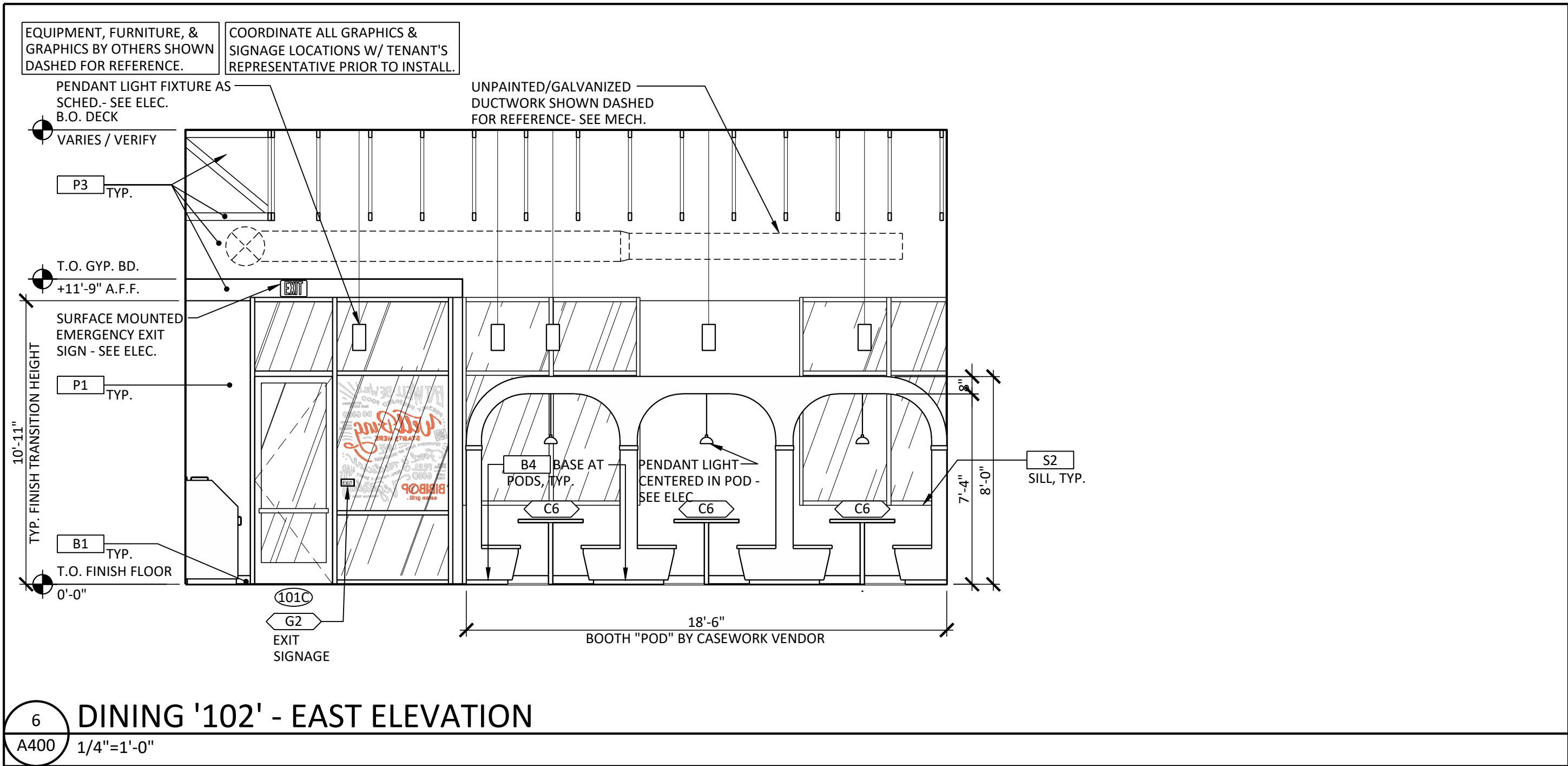
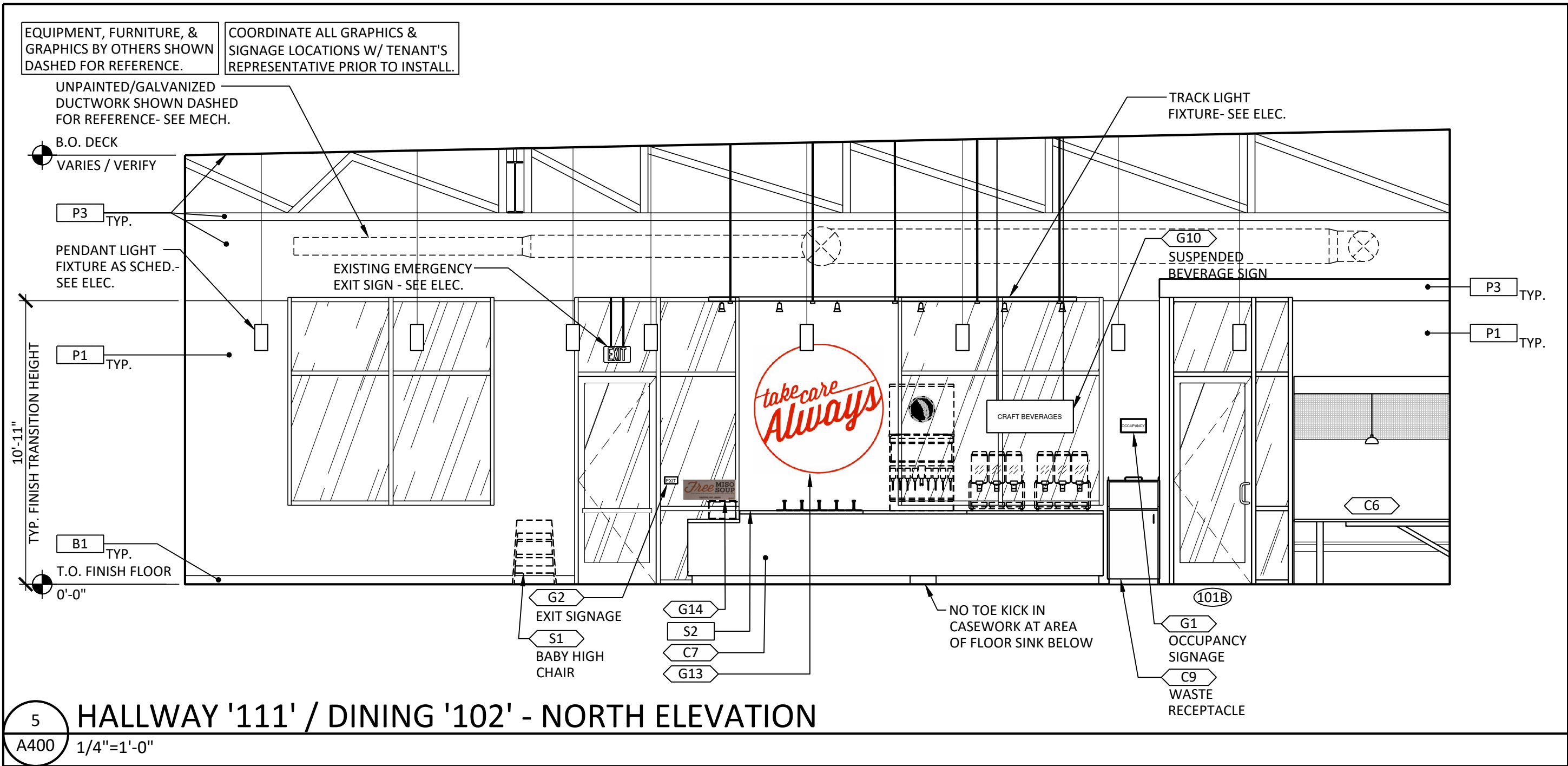
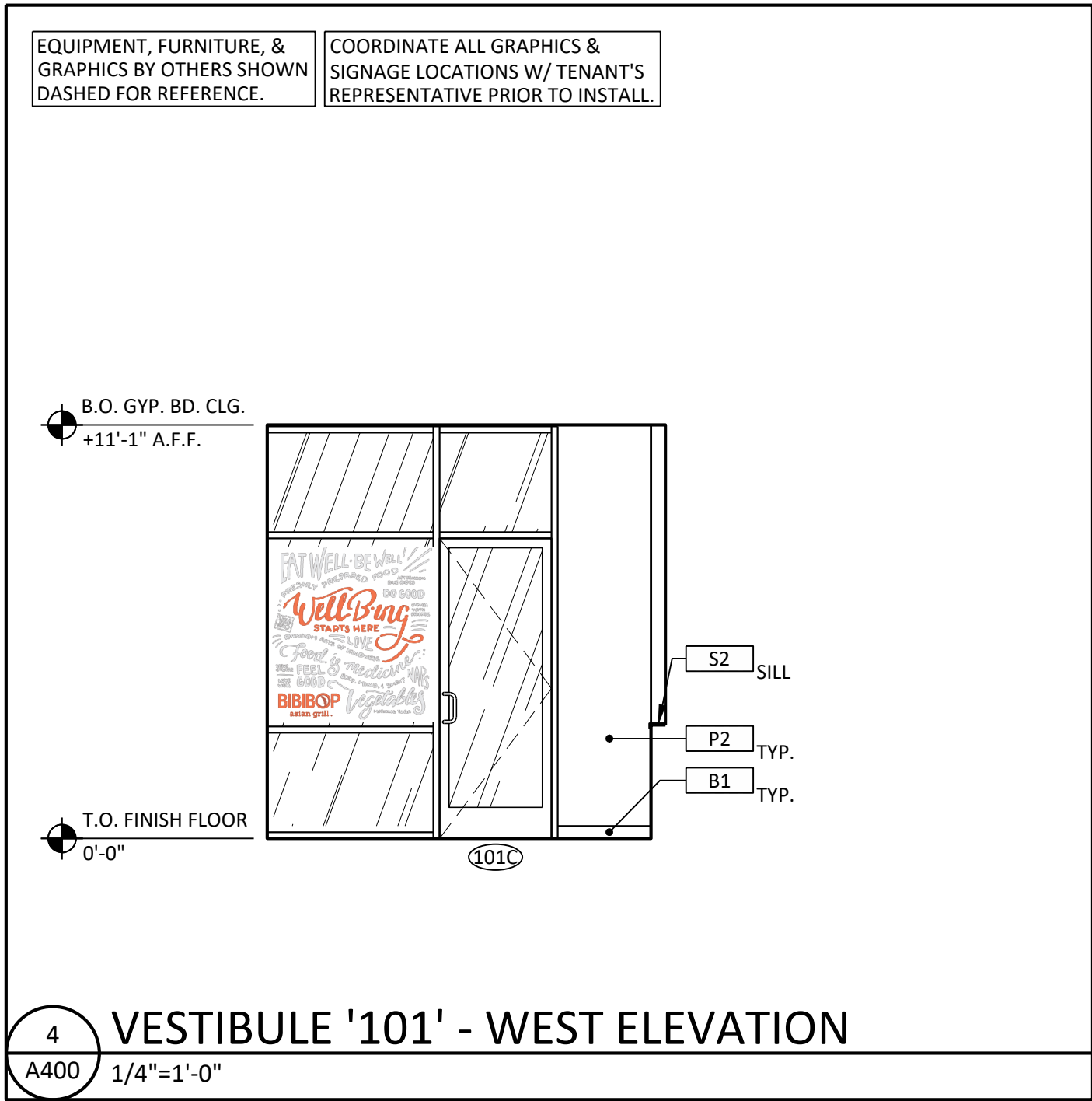
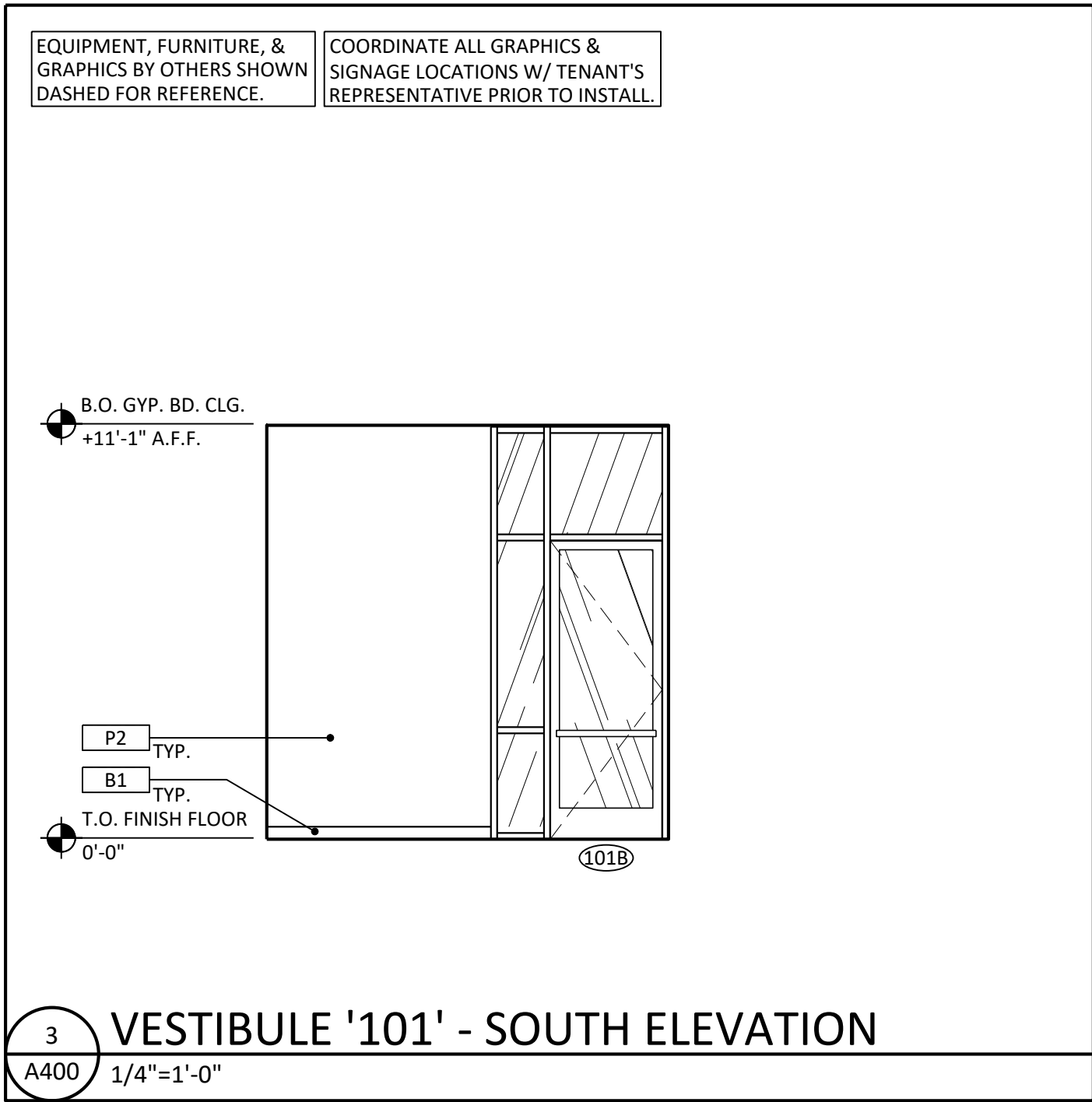
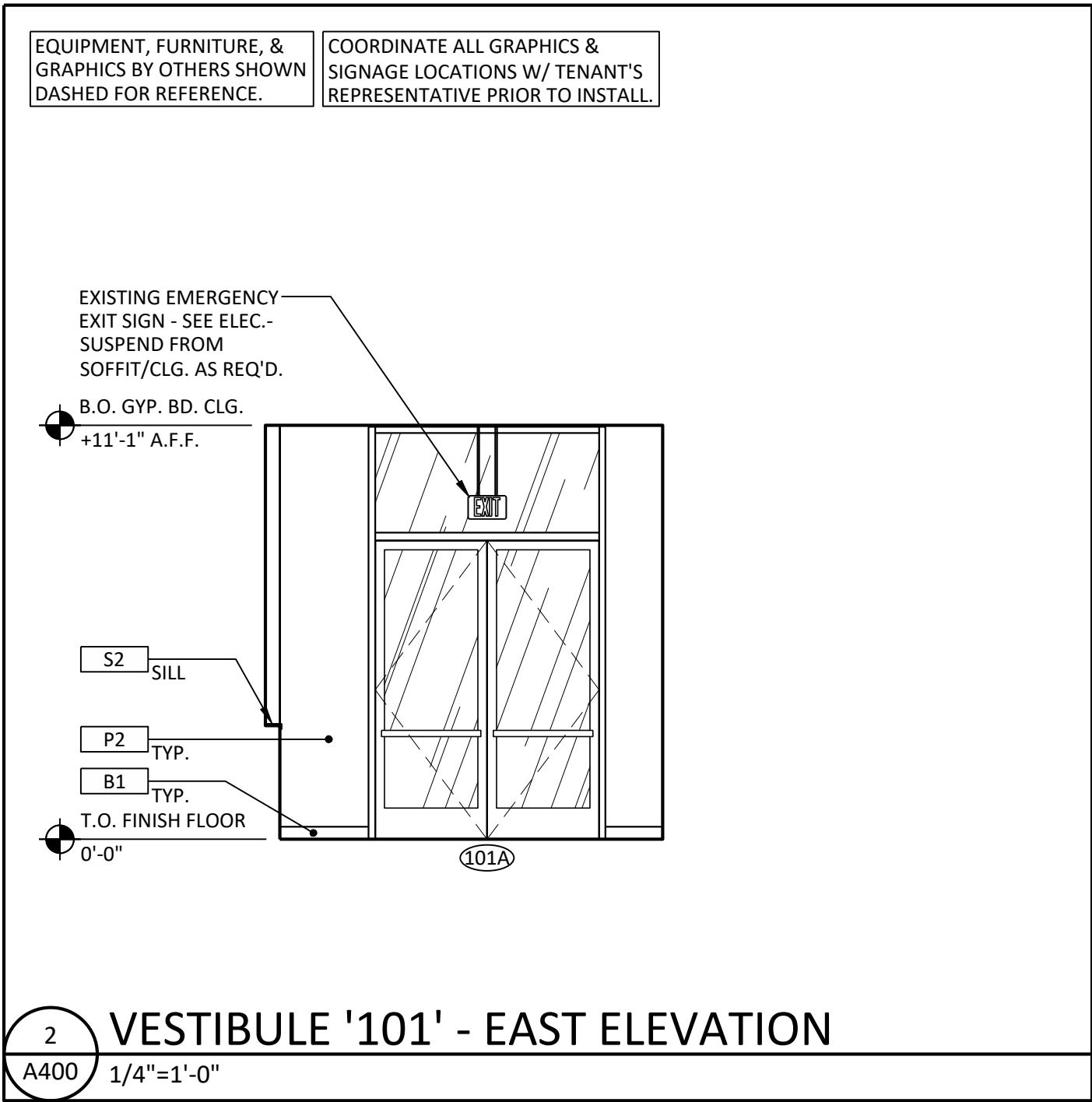
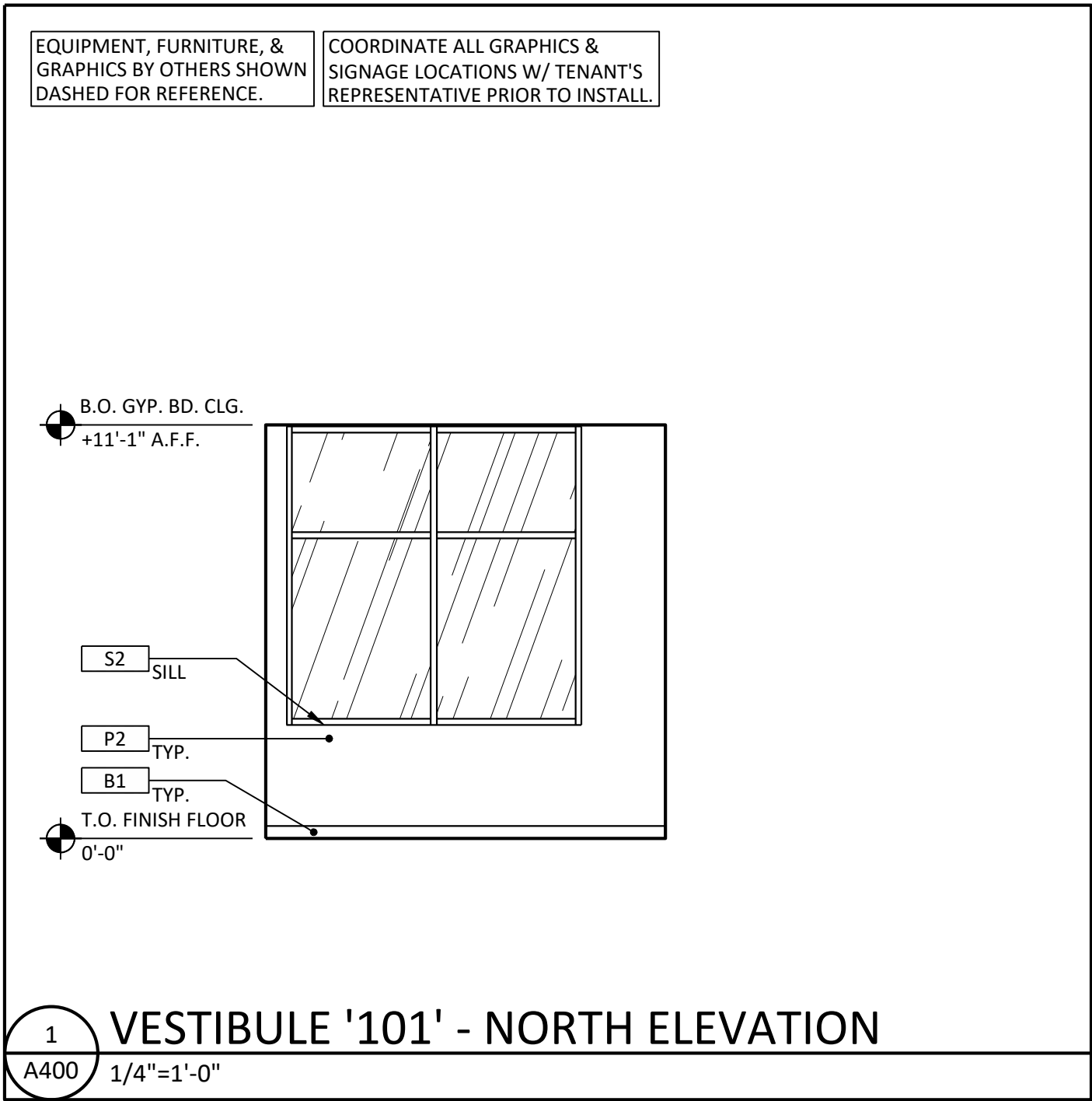
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SHEET TITLE:

INTERIOR SECTIONS

A300



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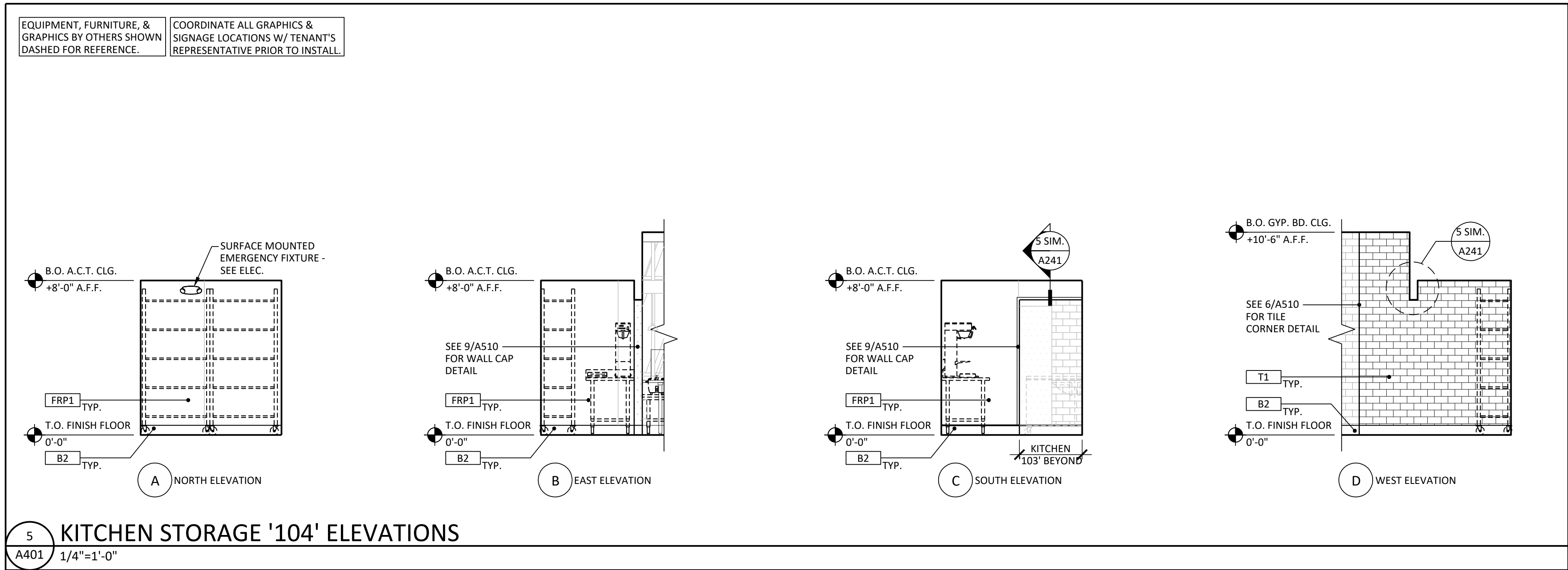
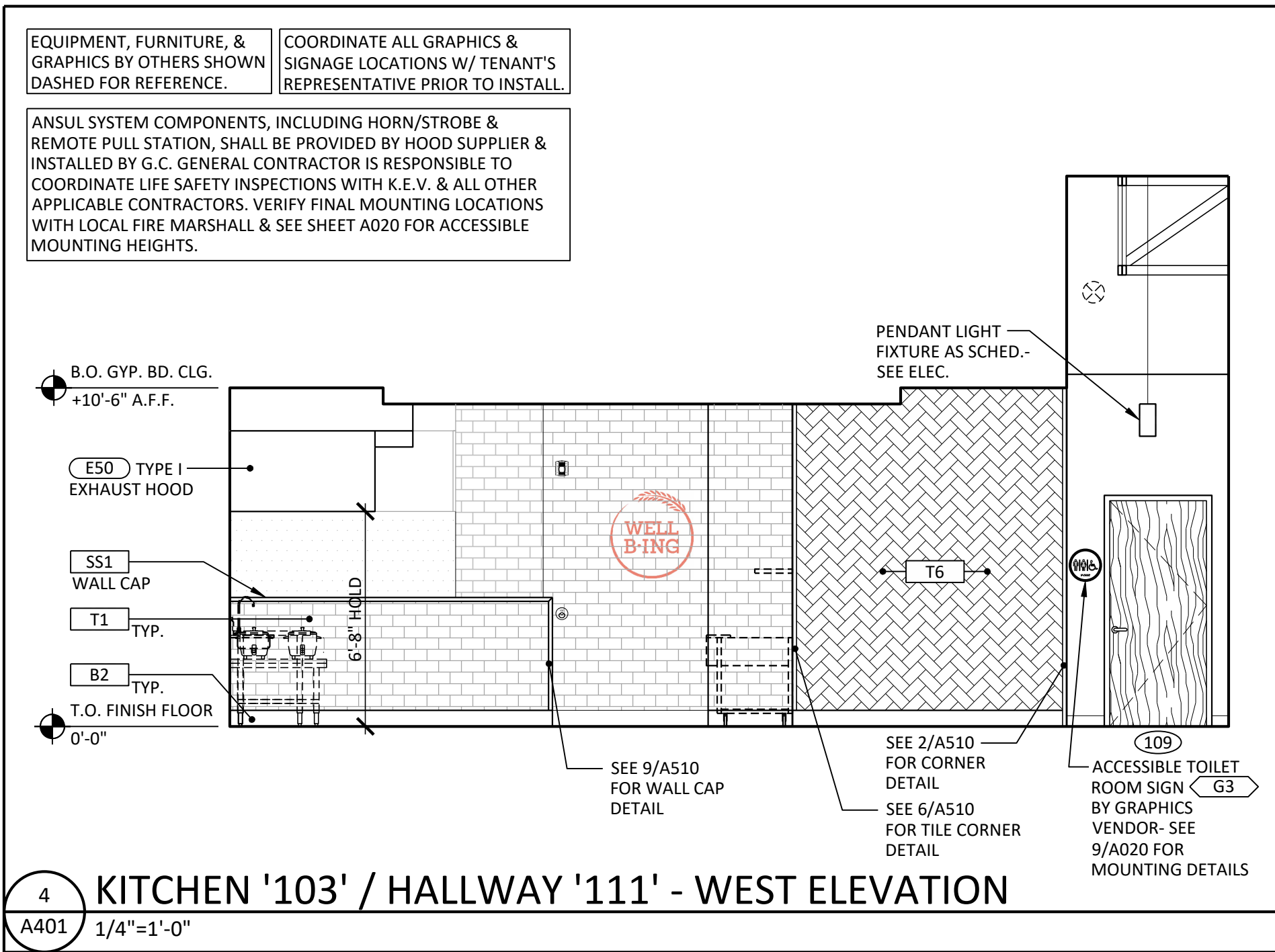
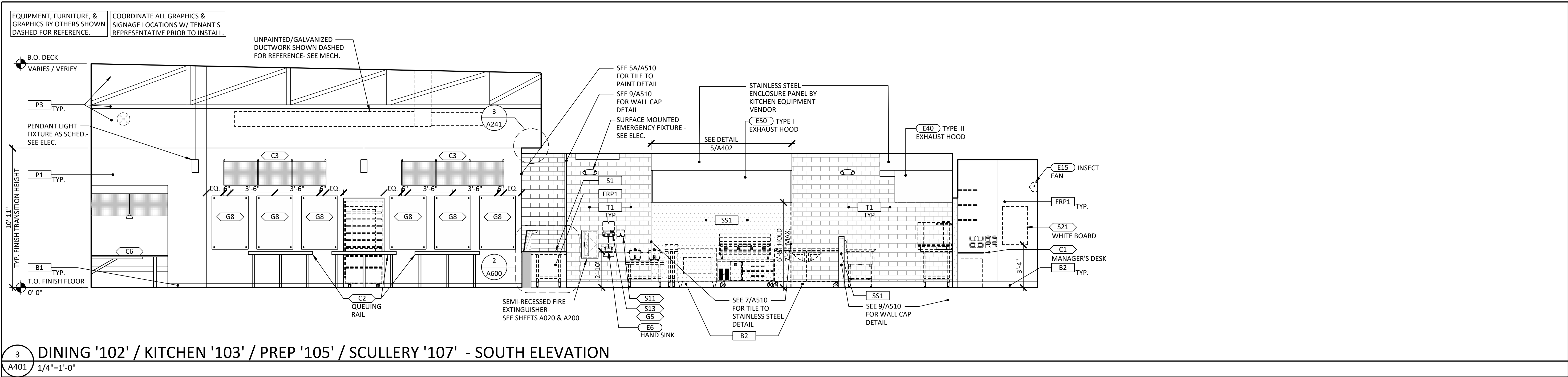
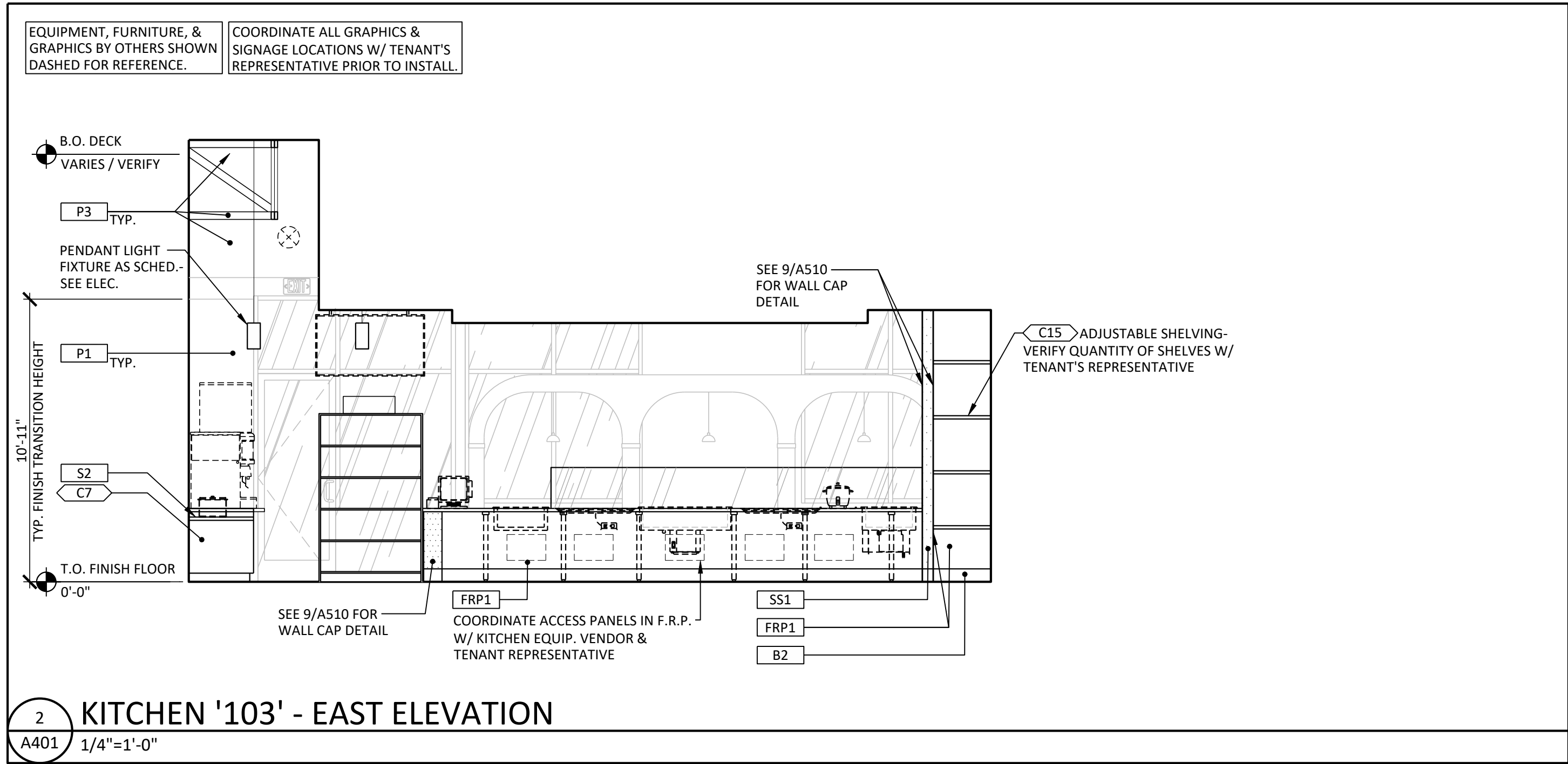
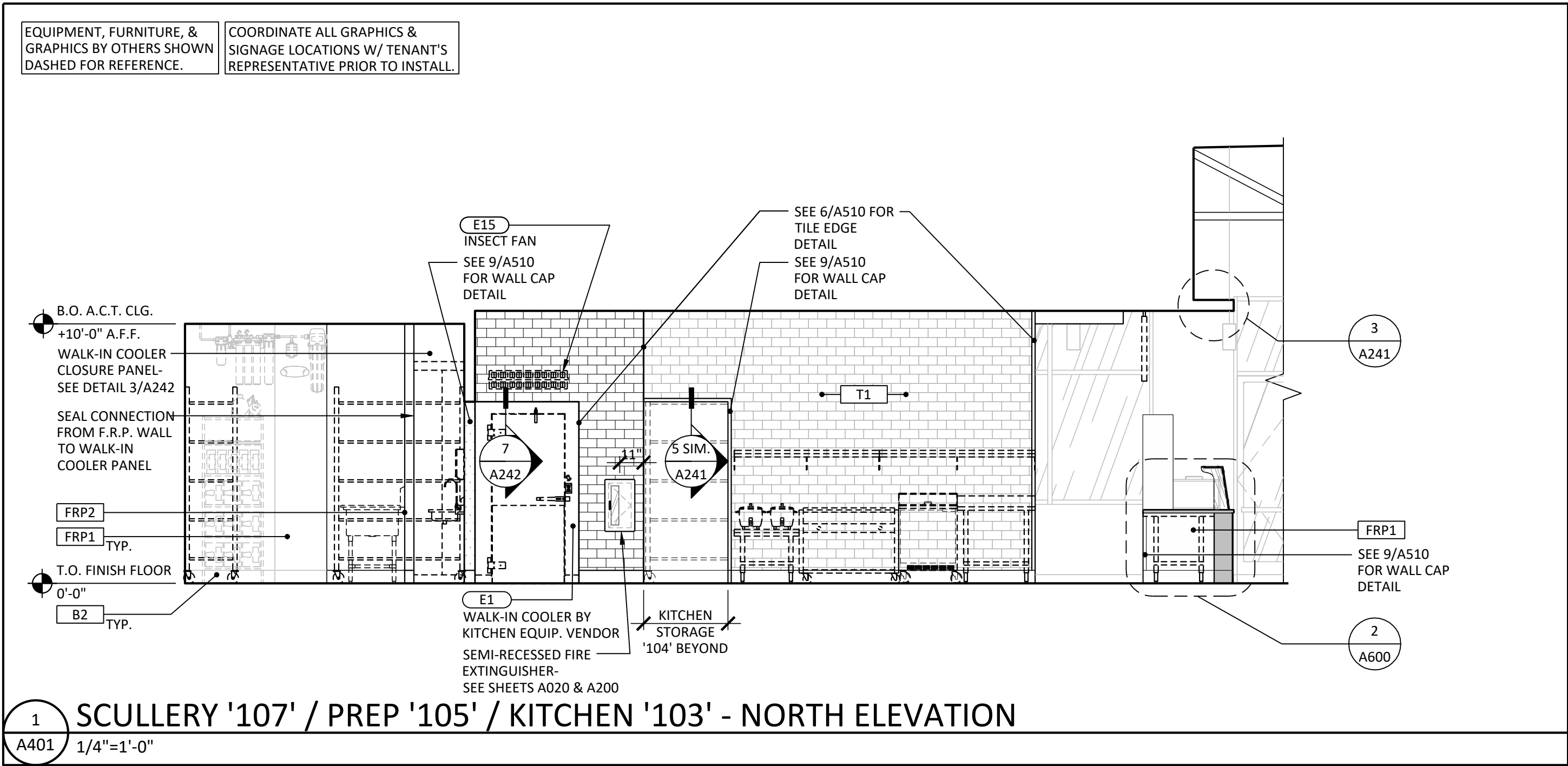
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INTERIOR ELEVATIONS

A400



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02/12/2021

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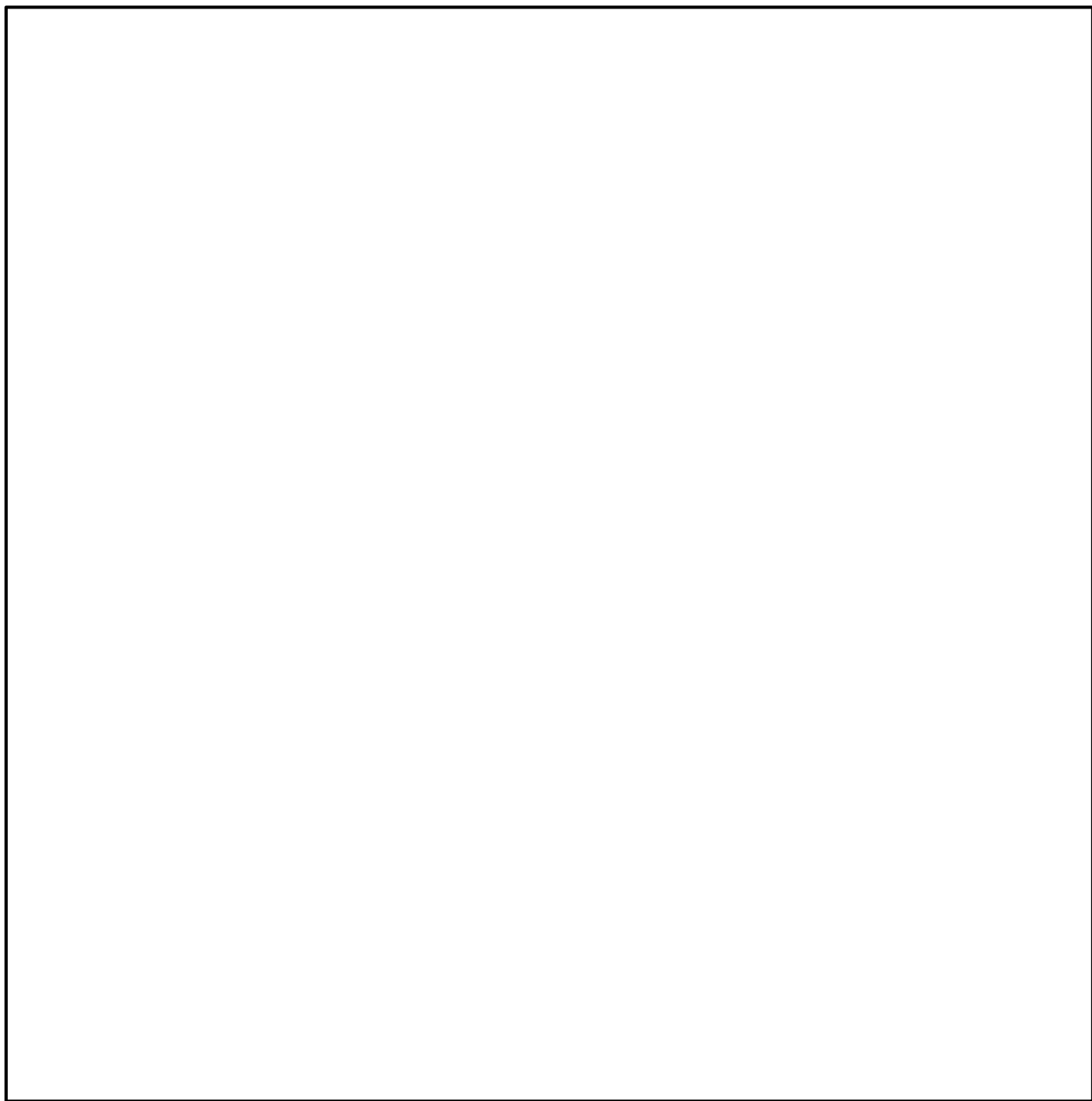
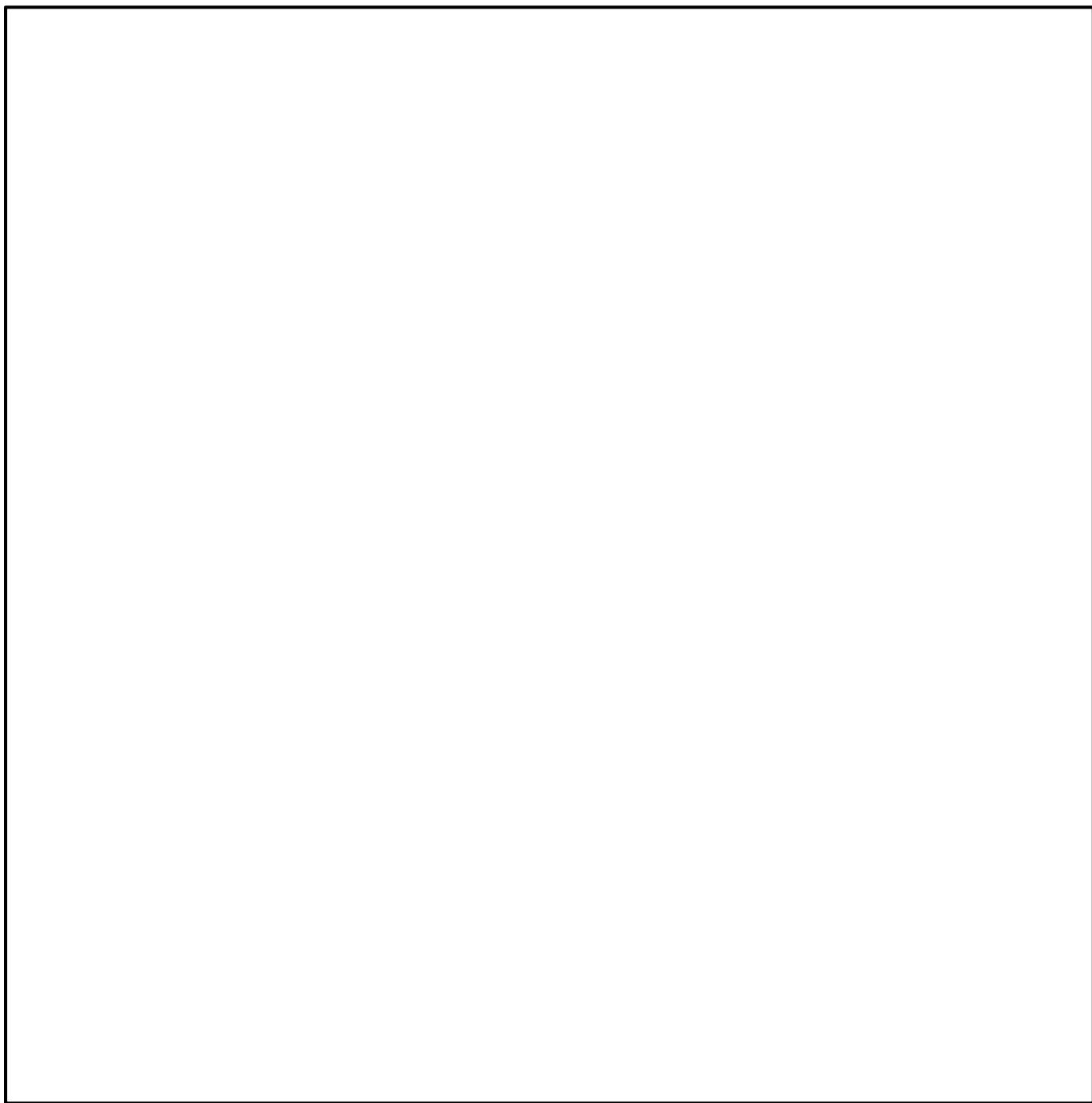
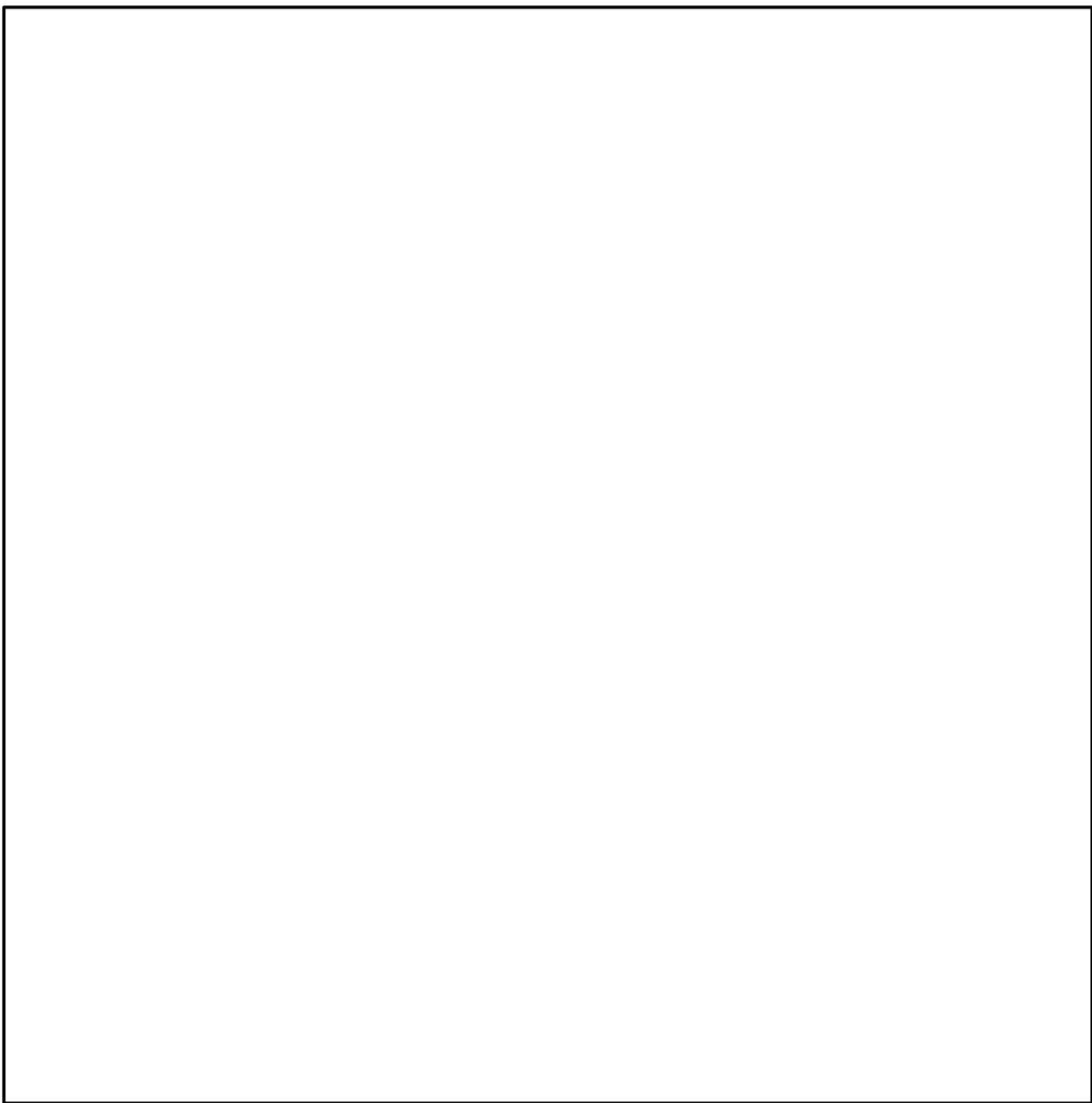
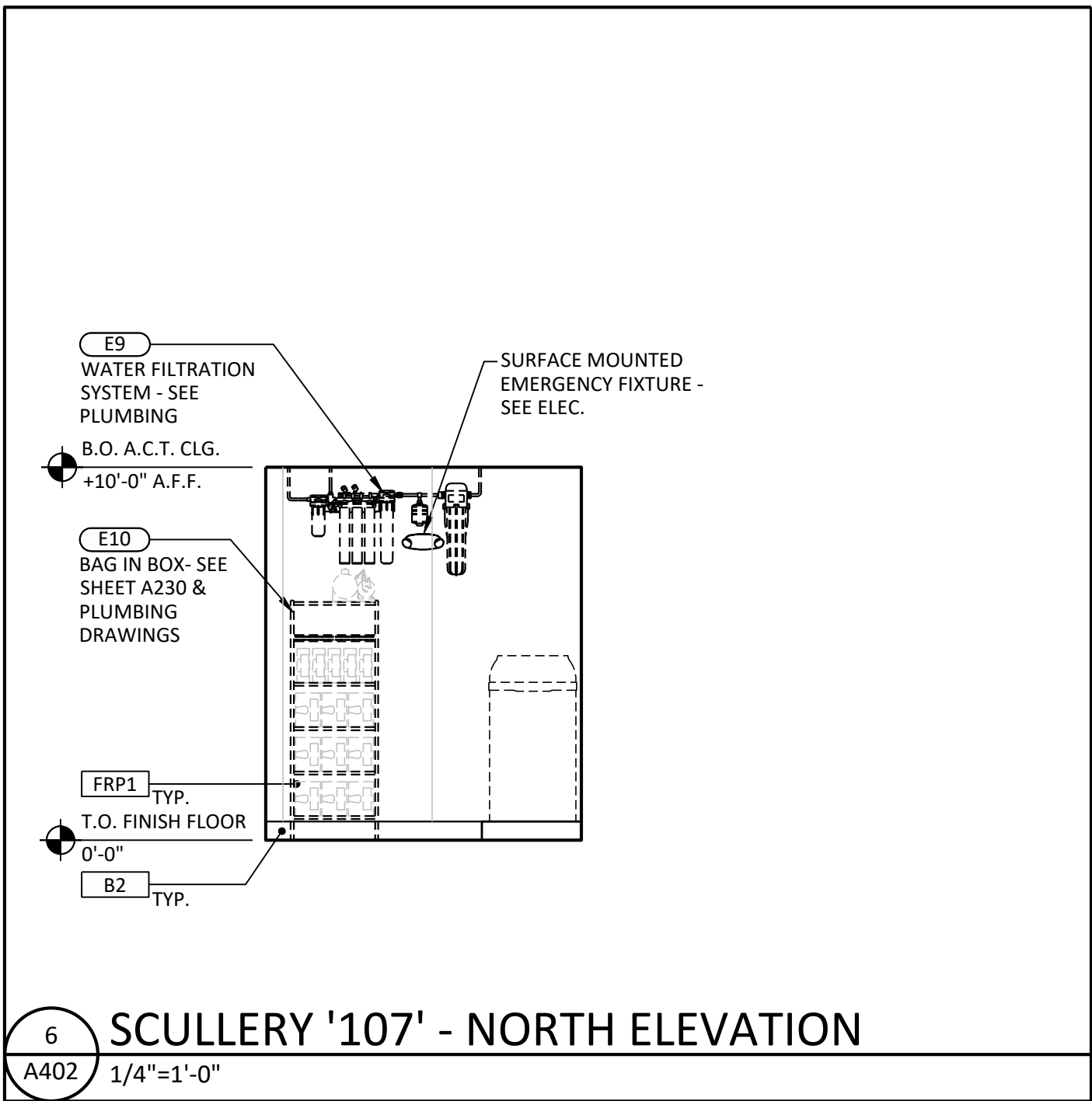
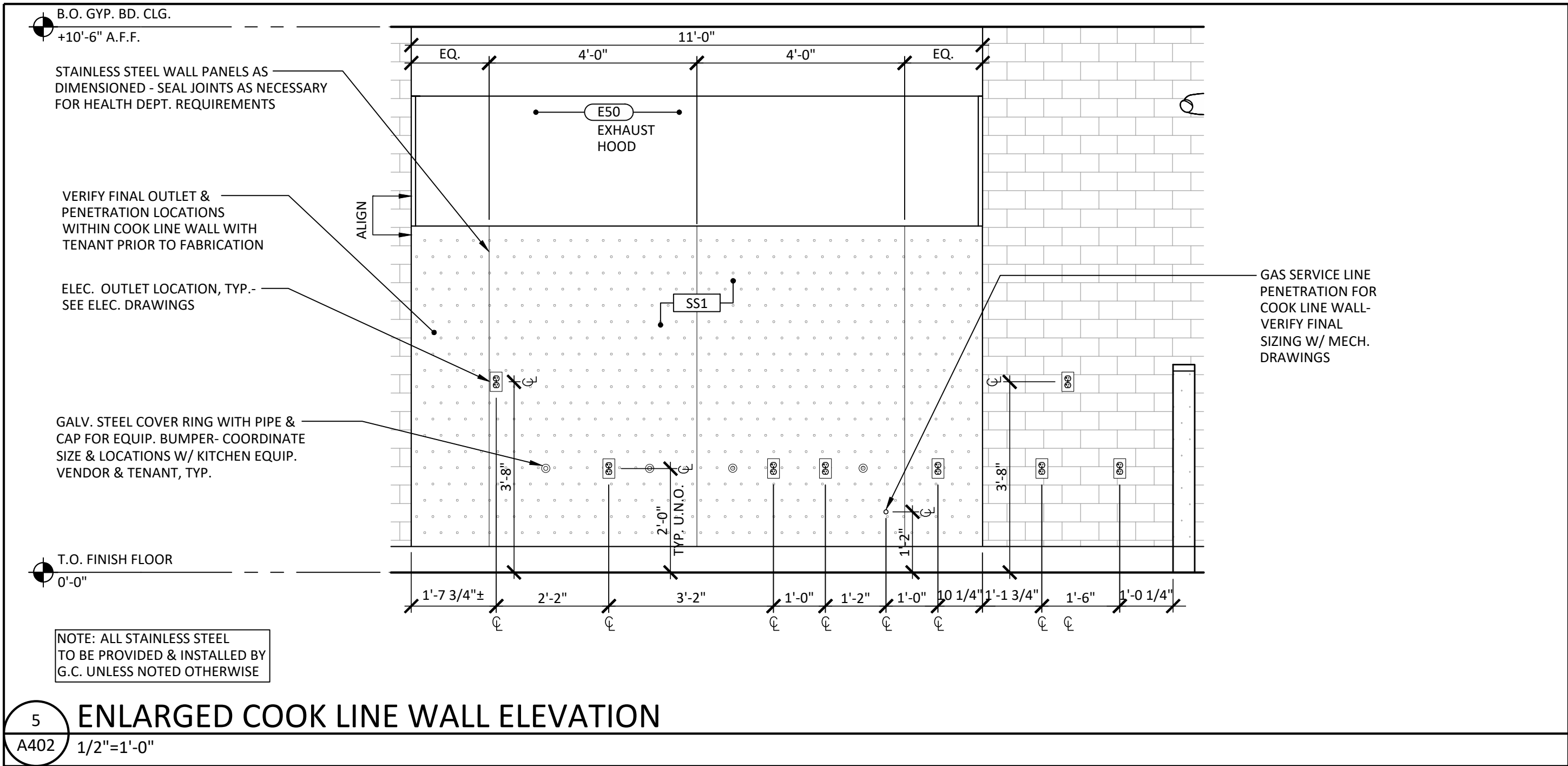
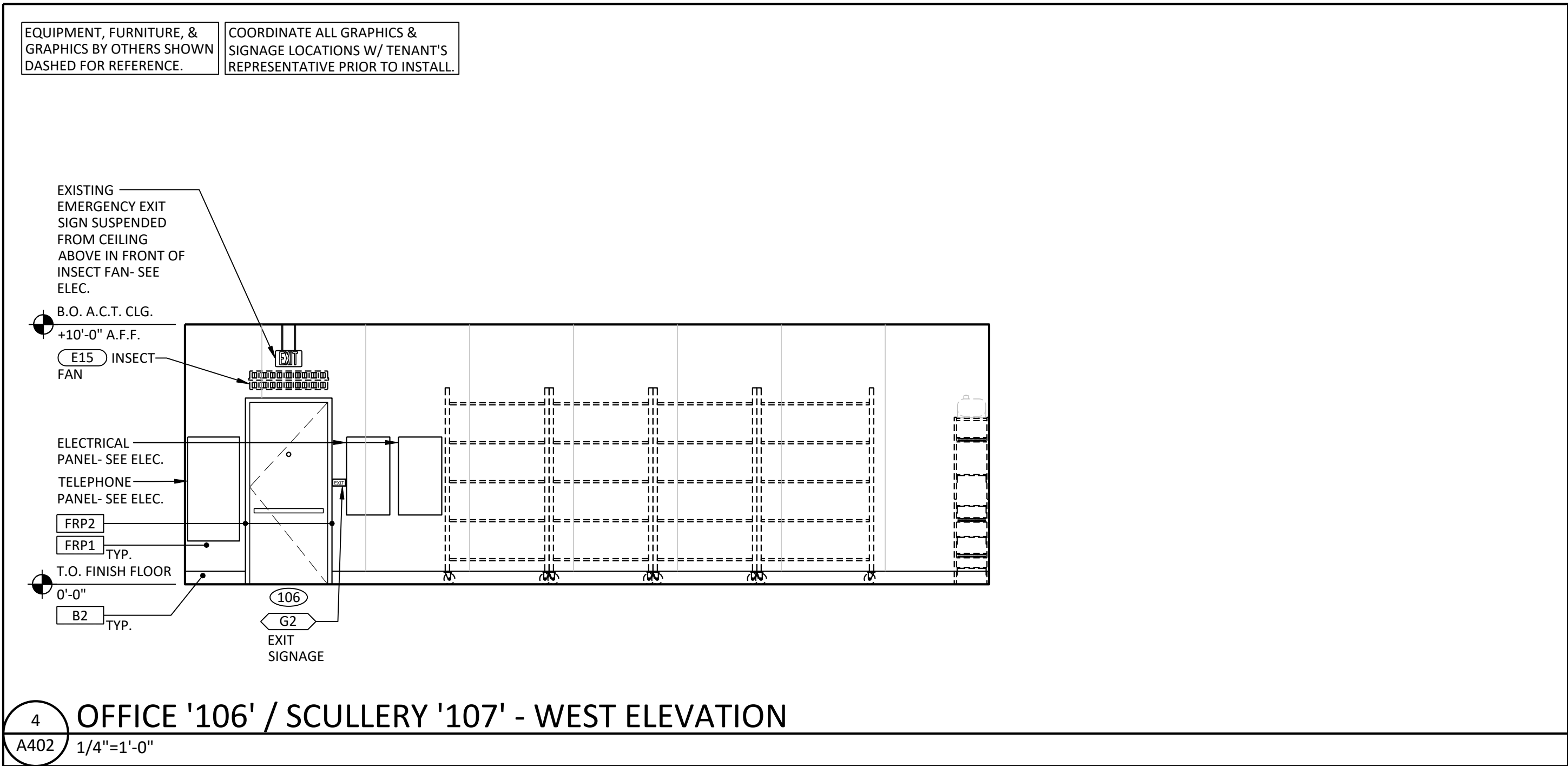
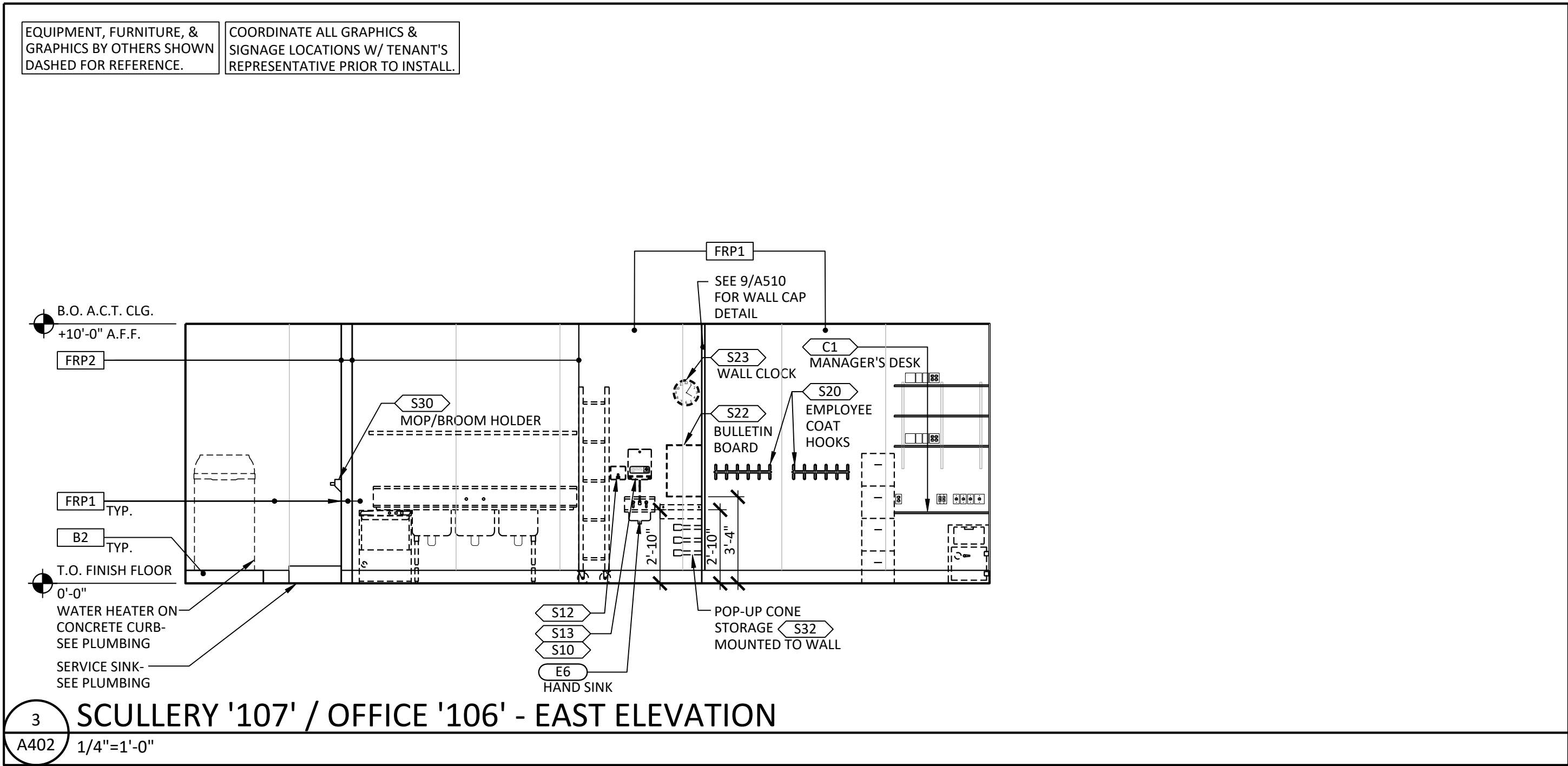
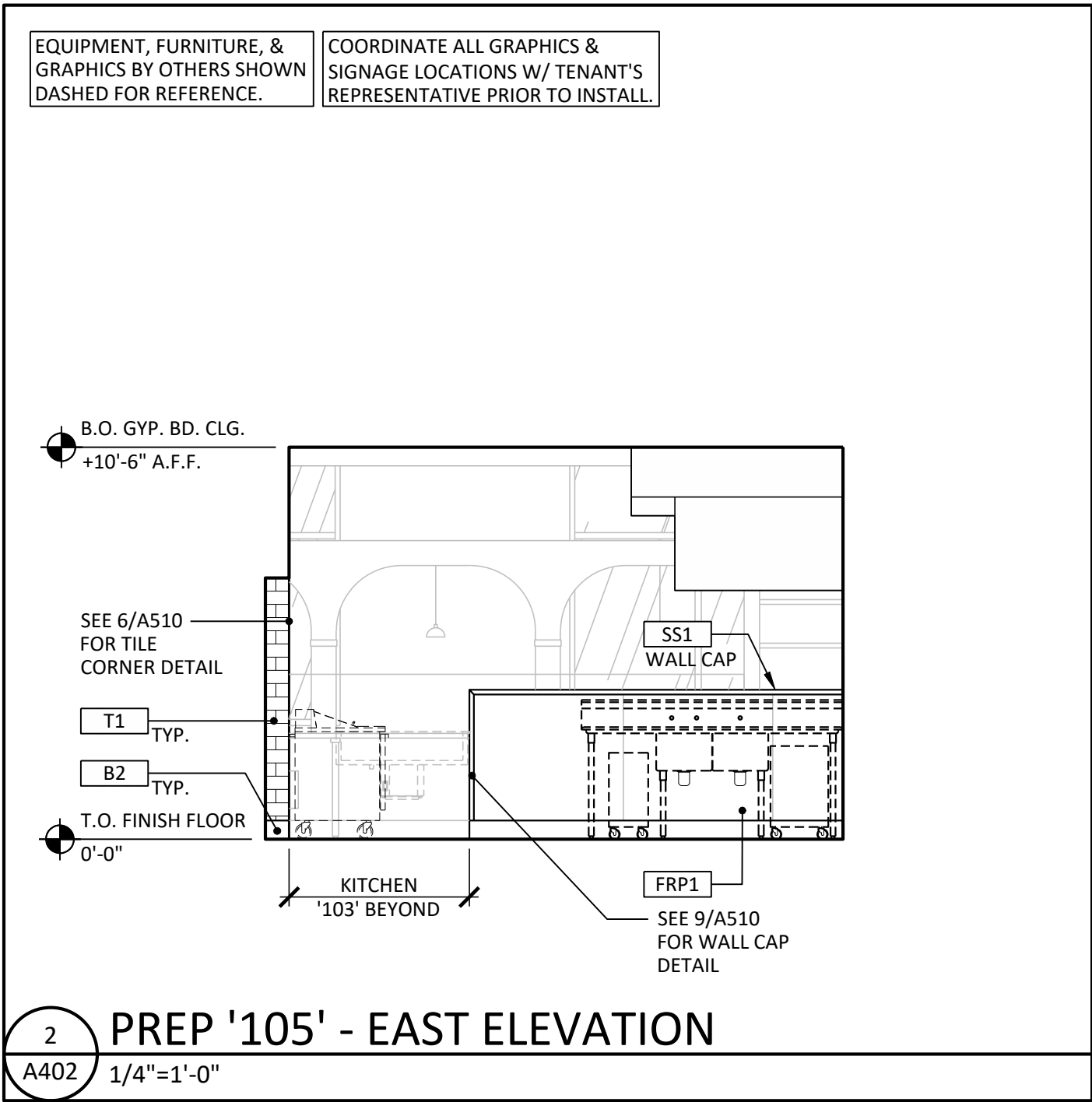
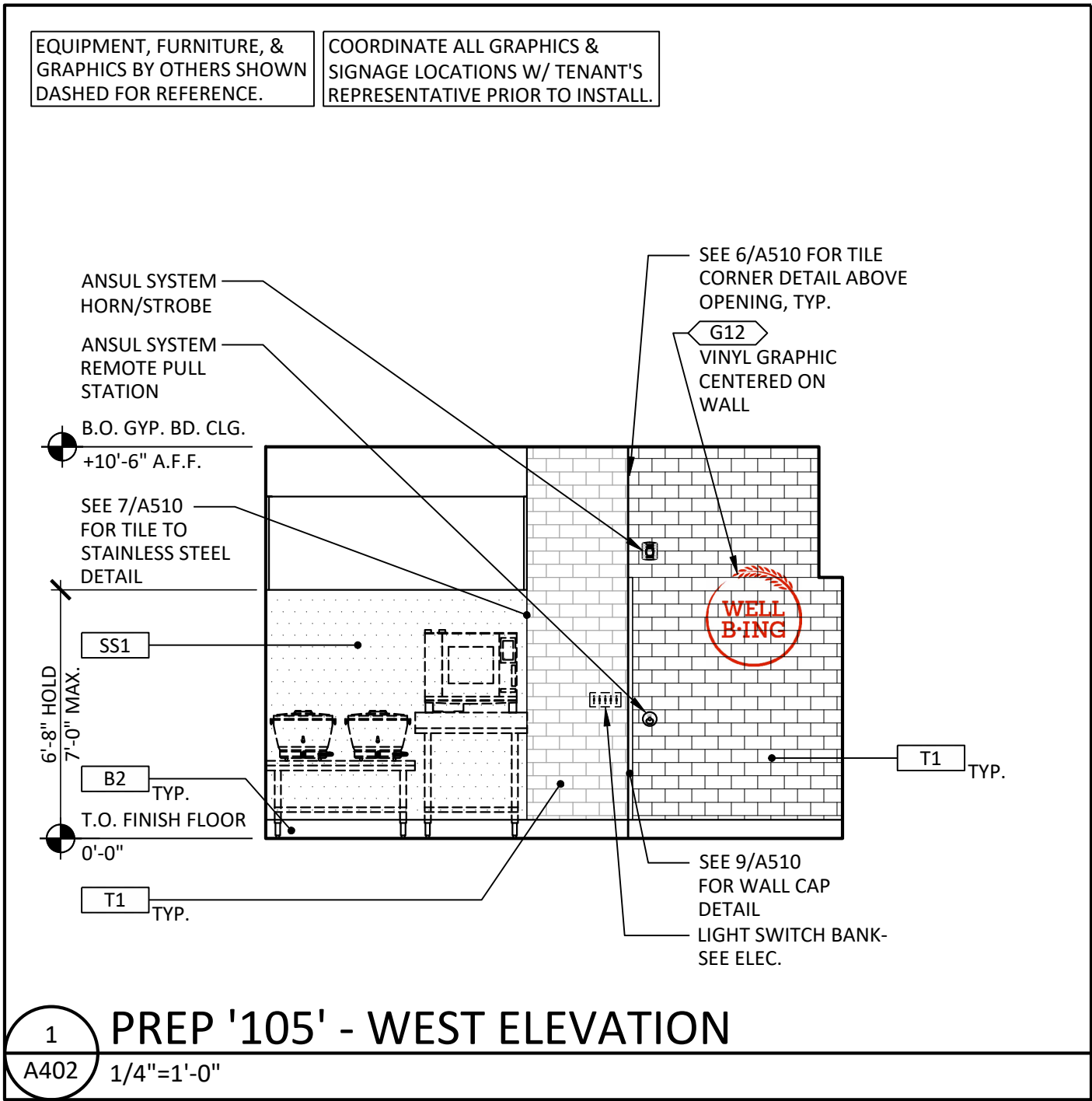
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ISSUES AND REVISIONS:

PERMIT ISSUE 01.25.2021

SHEET TITLE:
INTERIOR ELEVATIONS

A401



RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

02/12/2021

finn daniels
ARCHITECTS

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Finn Daniels, Inc.
Missouri State Certificate of Authority #A-2016006102

SEAL/SIGNATURE:

REBECCA L. OLSON
NUMBER A-2015028170
ARCHITECT

REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:



BIBIBOP

asian grill

STREETS OF
WEST PRYOR

2050 NW LOWENSTEIN DR.
SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
BIBIBOP P.O.: TBD

PROJECT NO.: BB2010

DRAWN BY: SJV

CHECKED BY: RLO

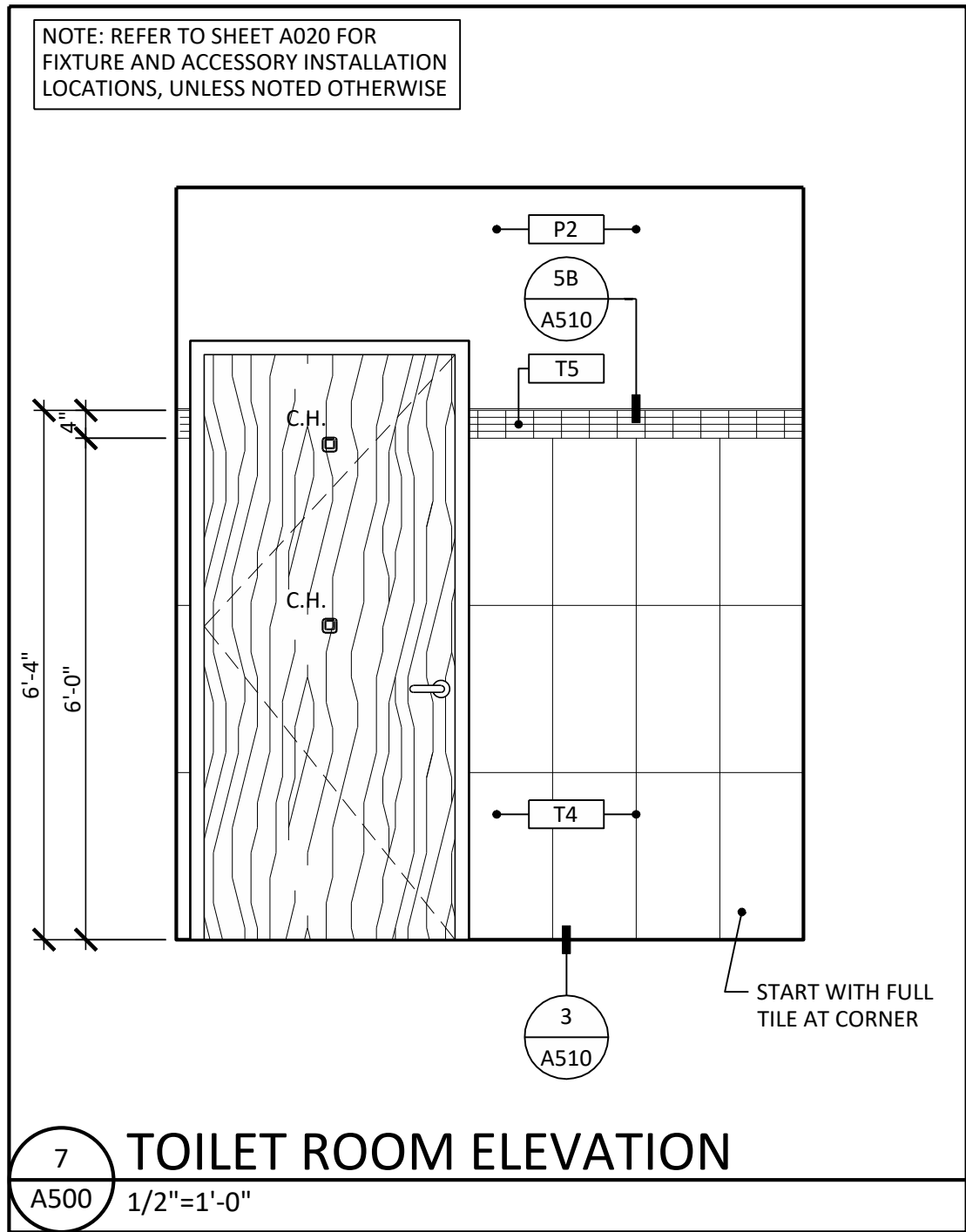
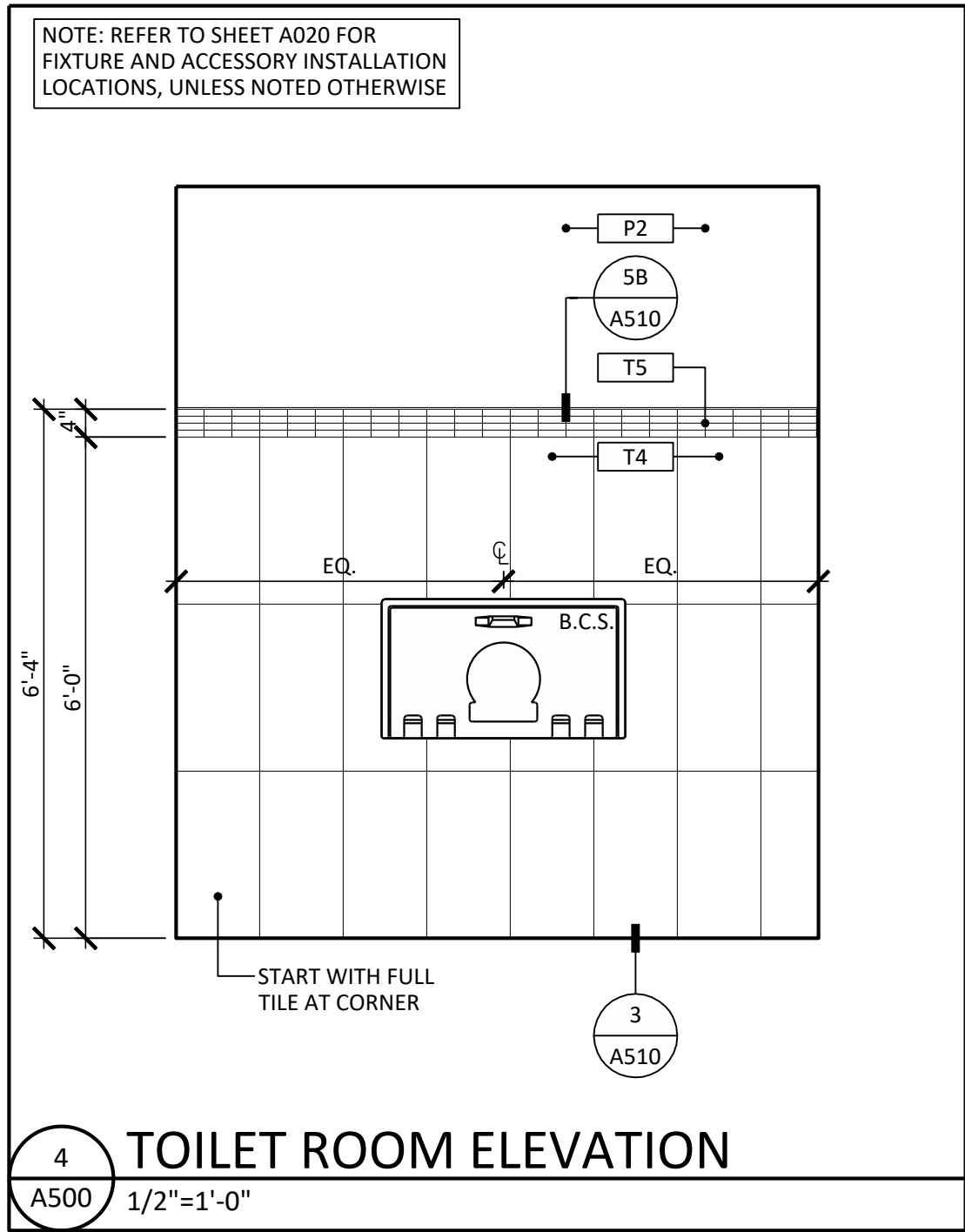
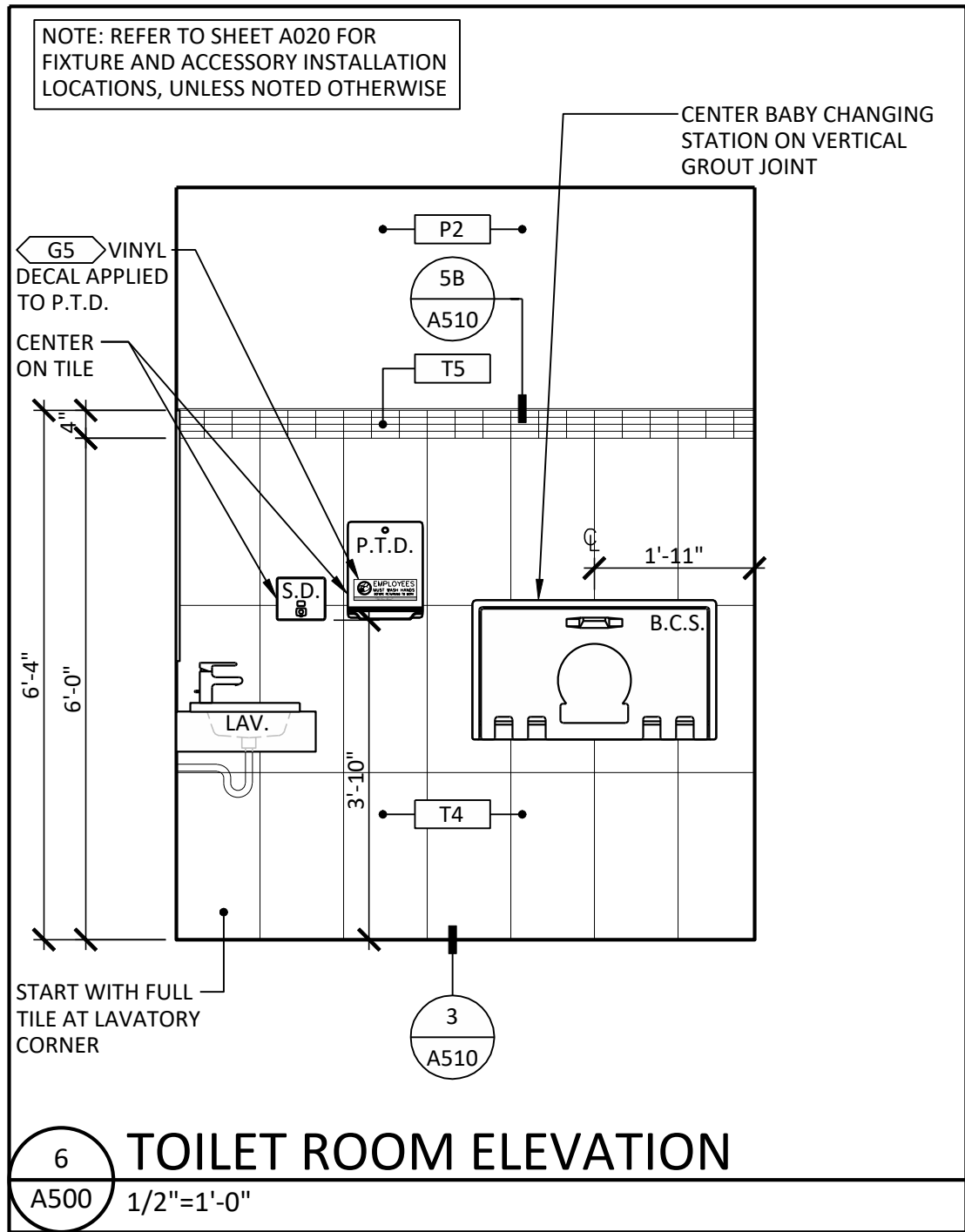
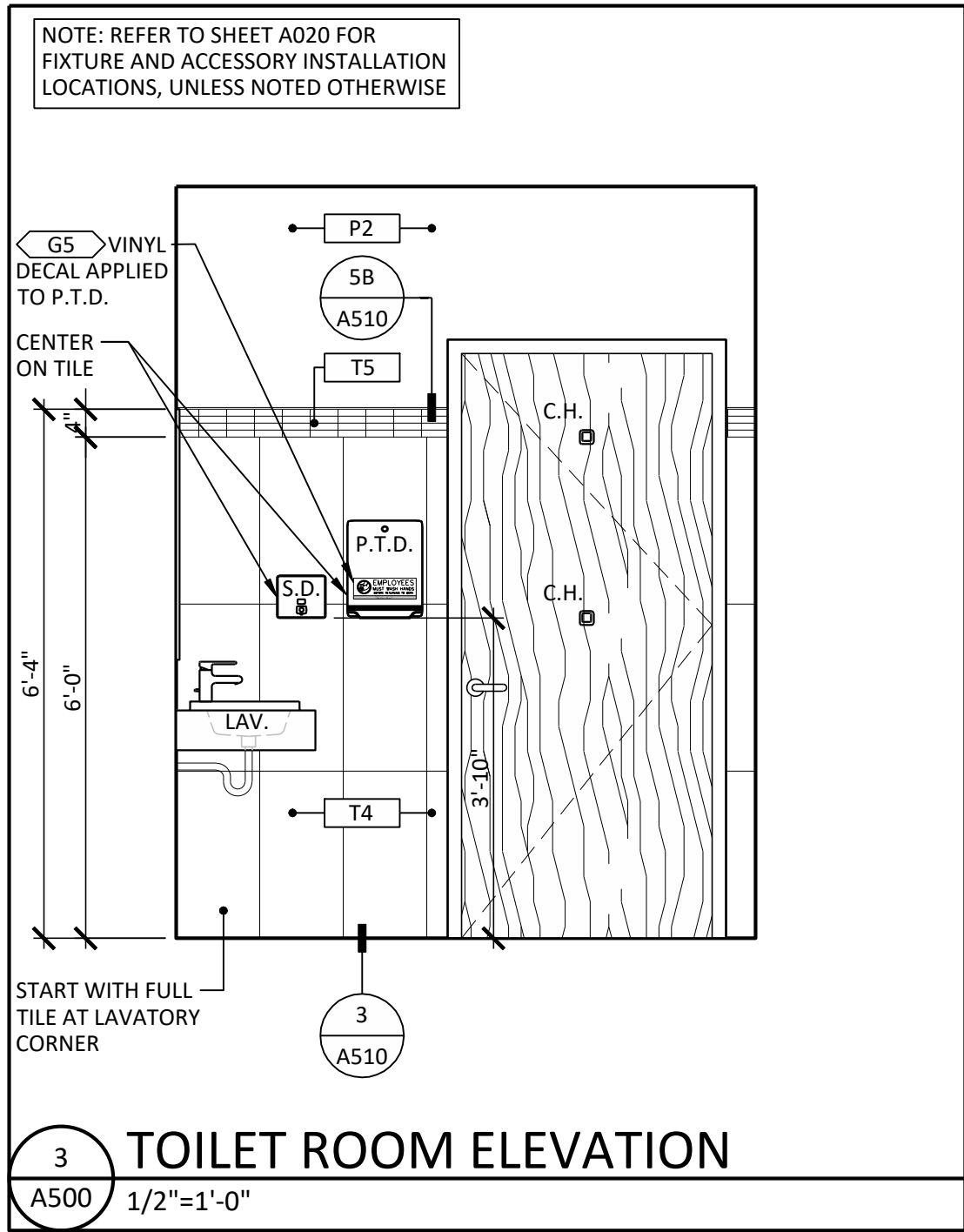
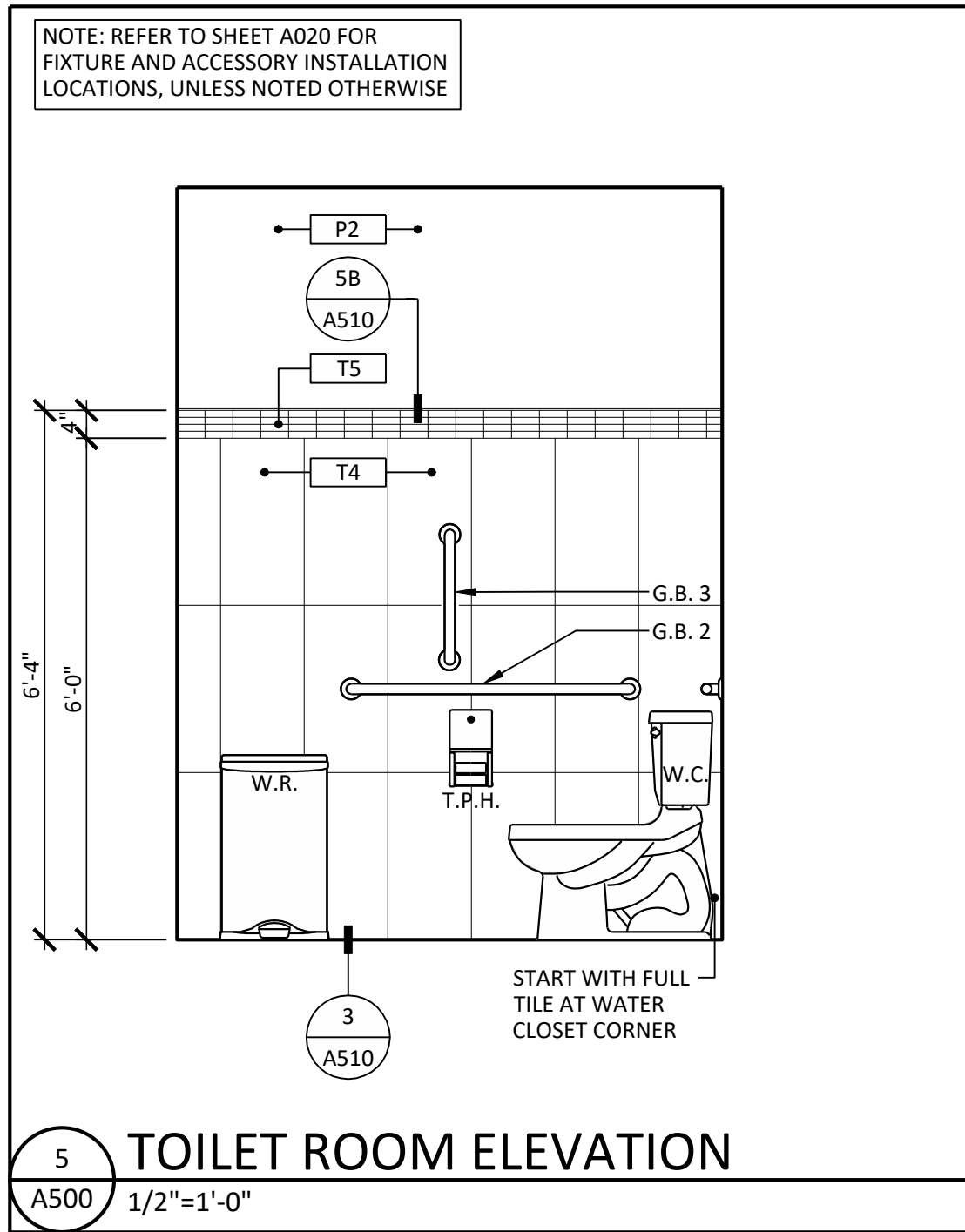
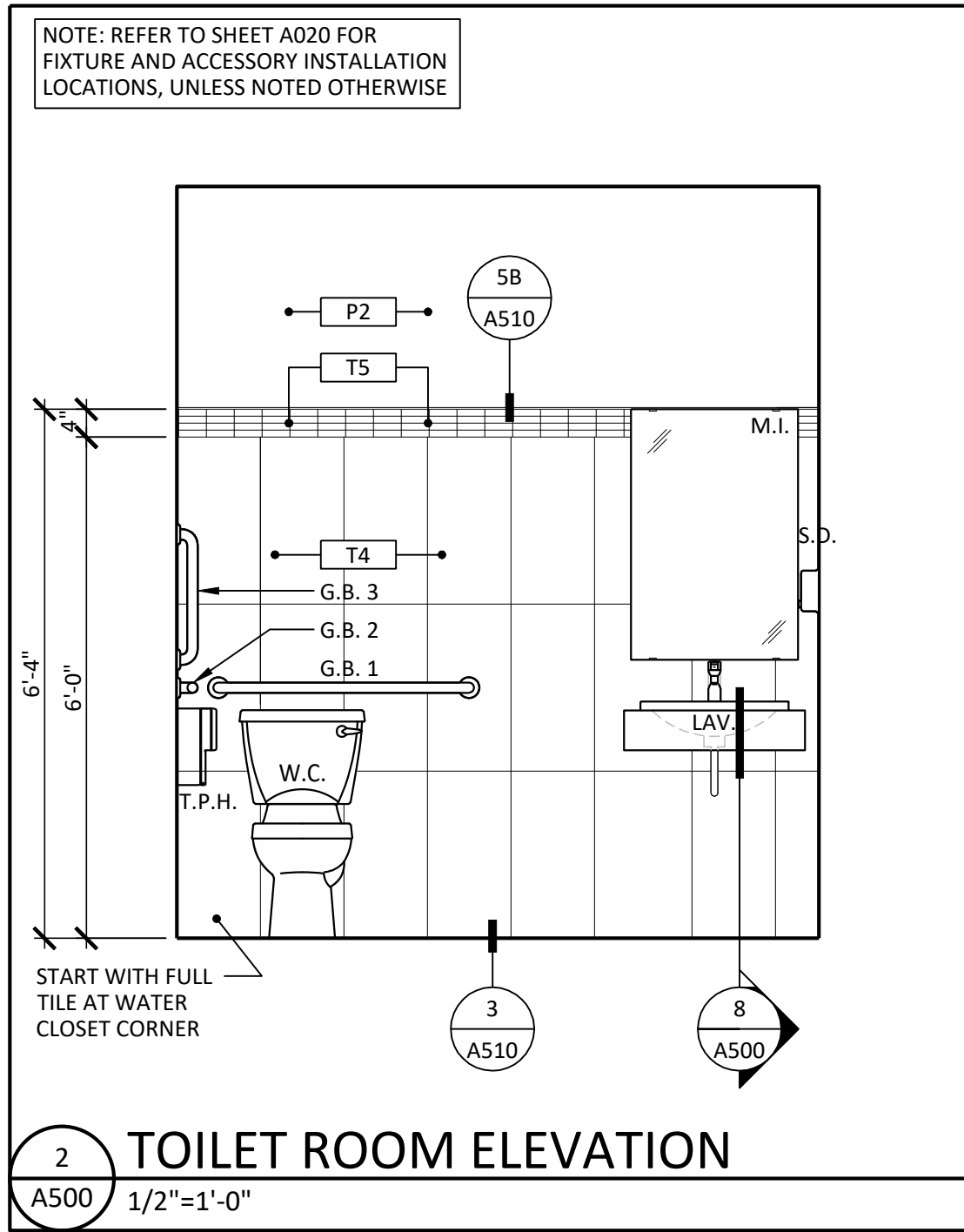
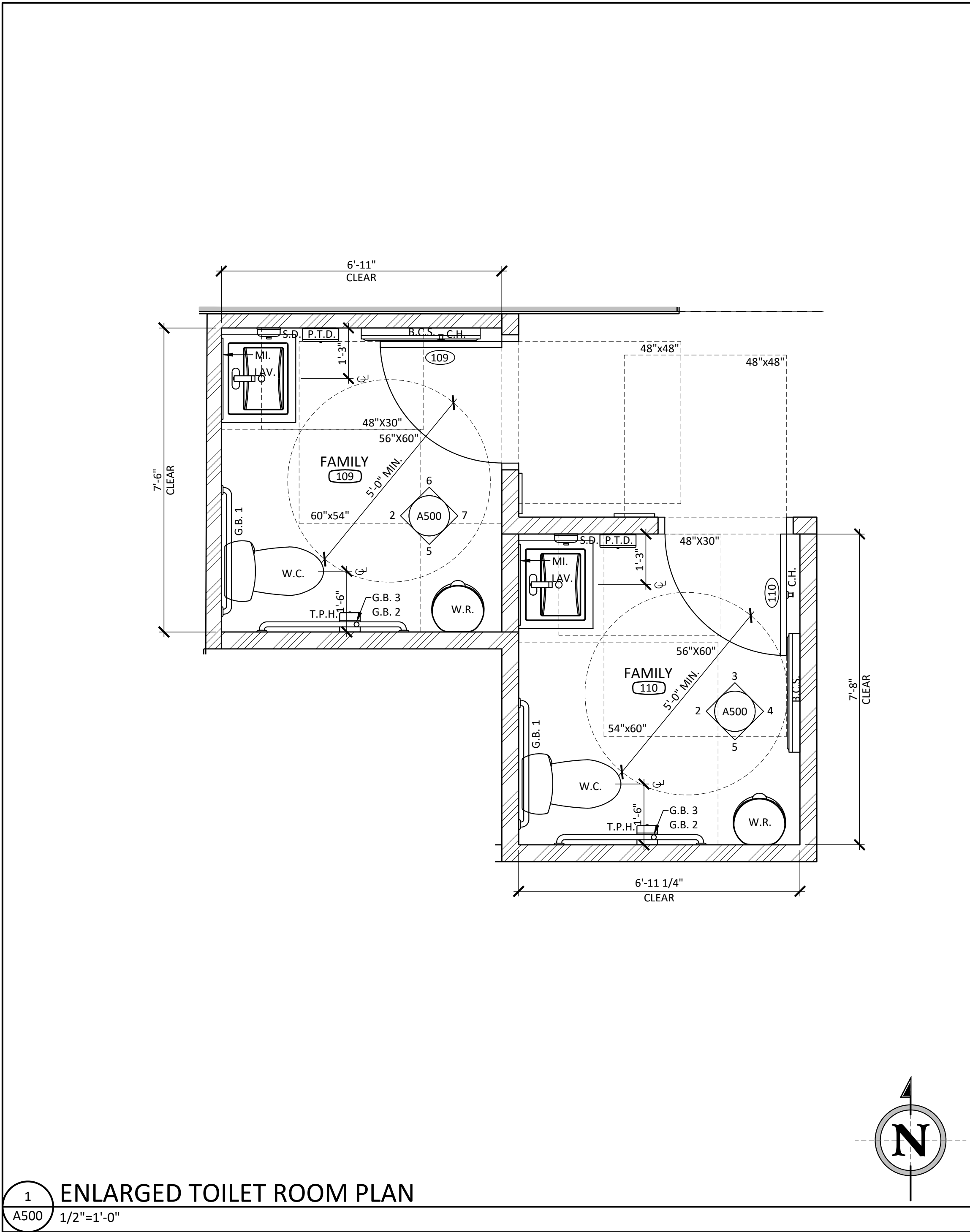
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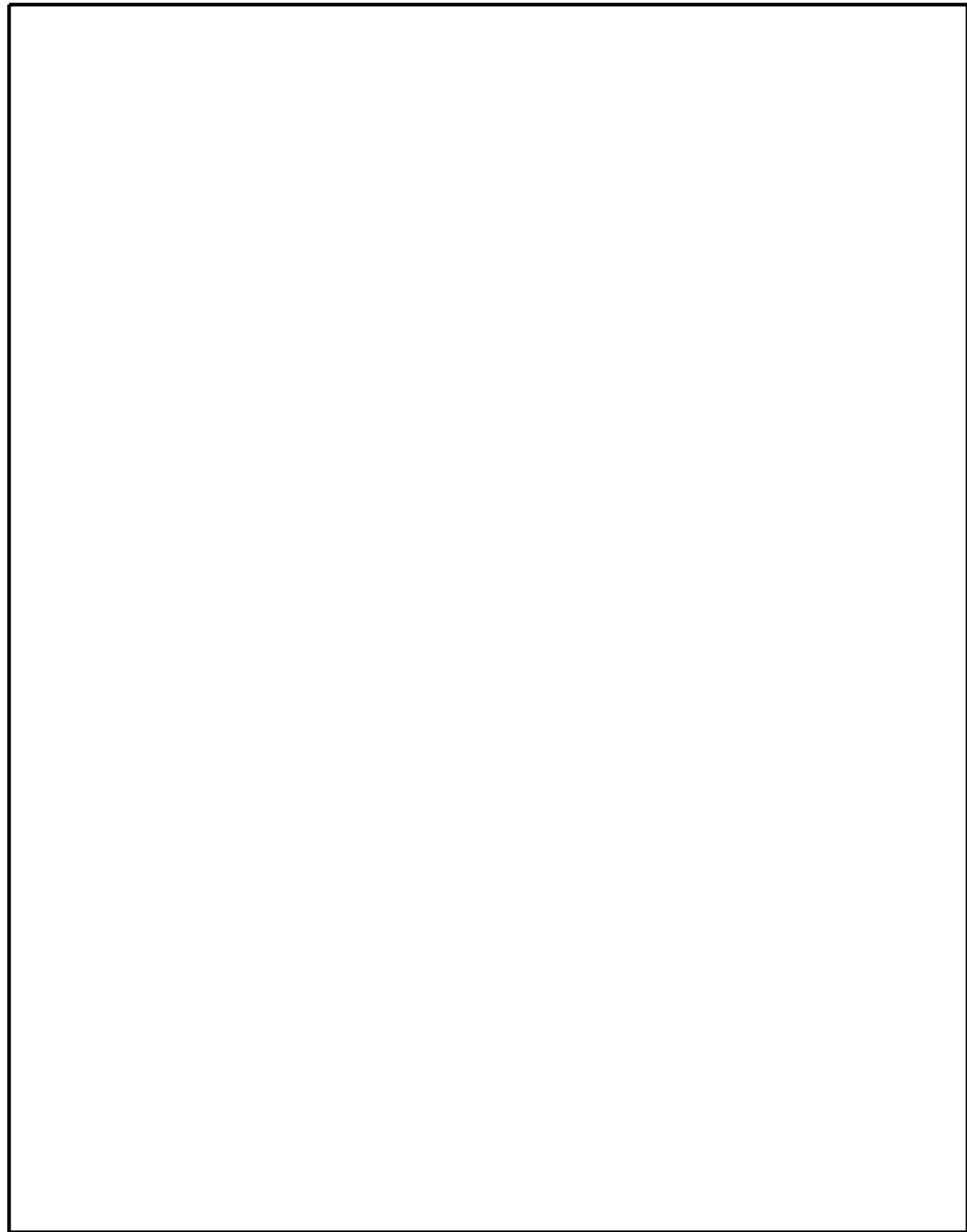
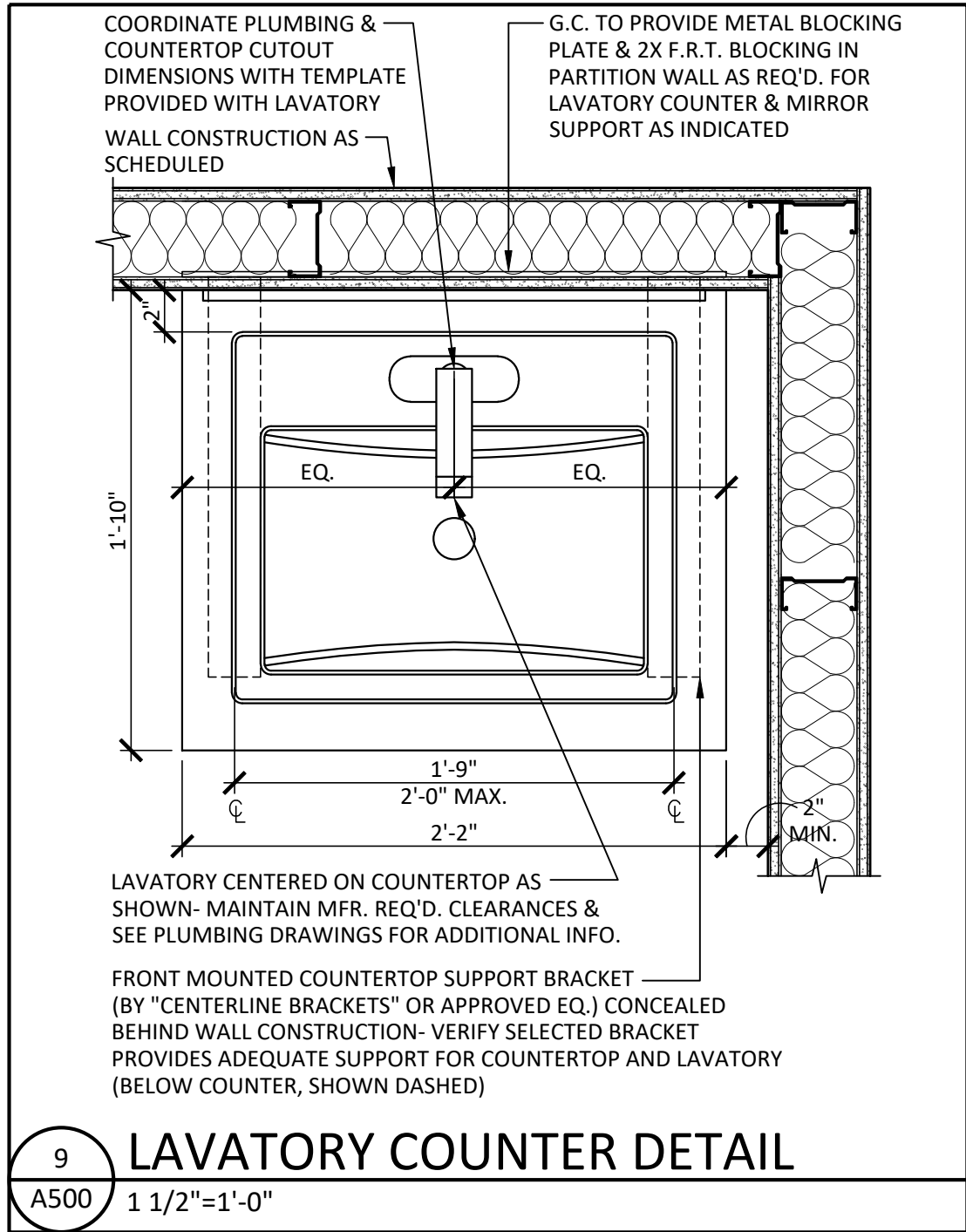
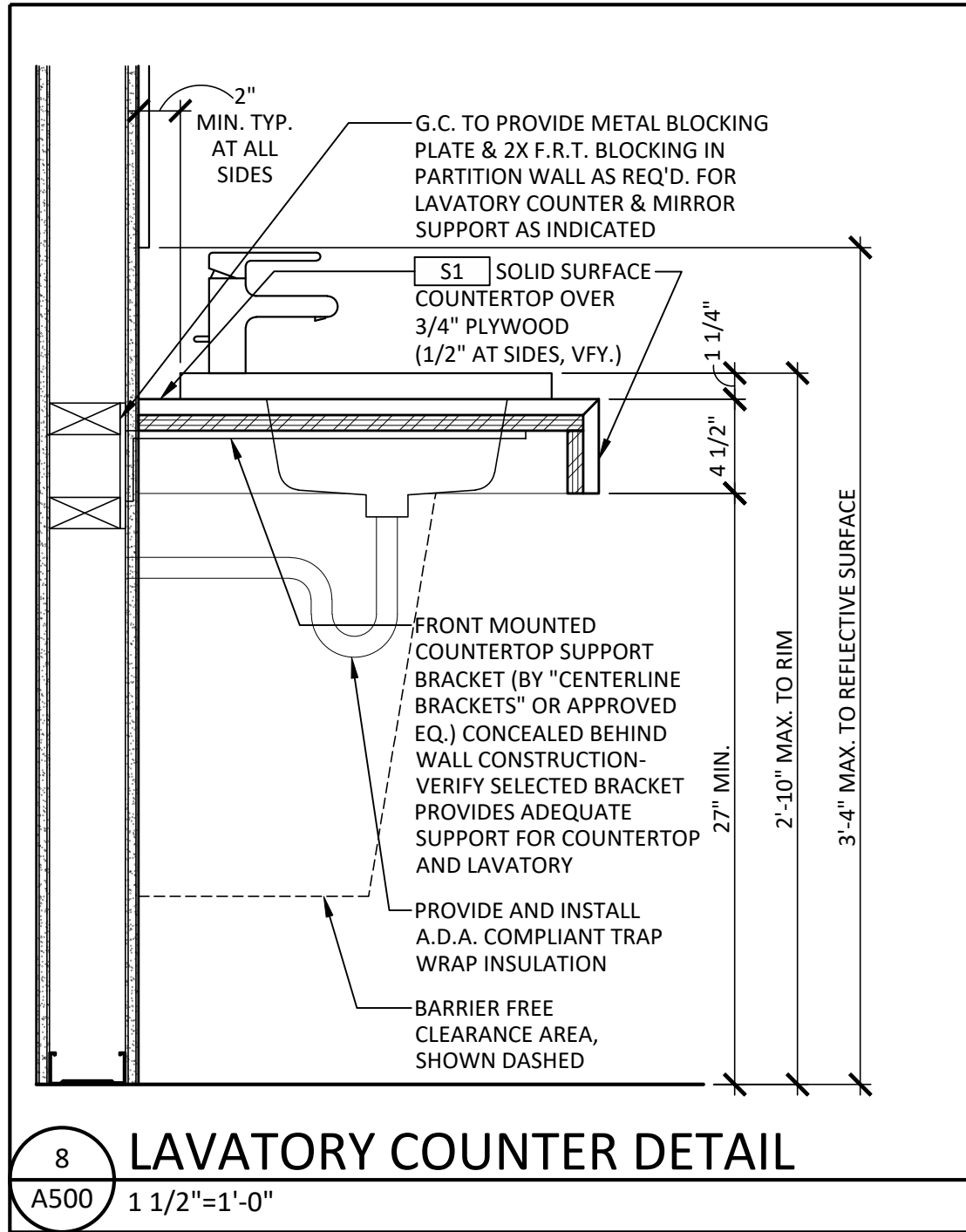
INTERIOR ELEVATIONS

A402



| TOILET ROOM SCHEDULE | |
|----------------------|---|
| B.C.S. | SURFACE MOUNTED BABY CHANGING STATION KOALA KARE KB200-0155 (STAINLESS STEEL FINISH) OR APPROVED EQUAL |
| C.H. | SURFACE MOUNTED COATED HOOK (2-THUS, STACKED VERTICALLY) BOBRICK B-86717 (SATIN FINISH) OR APPROVED EQUAL |
| G.B. | S.S. HANDICAP COMPLIANT GRAB BARS PER CODE LENGTHS AS NOTED ON ACCESSIBILITY DETAILS ON SHEET A020 BOBRICK B-6806 (SATIN FINISH) OR APPROVED EQUAL |
| LAV. | WALL MOUNTED LAVATORY WITH A.D.A. COMPLIANT FAUCET AND TRAP WRAP INSULATION (BLACK IN COLOR)- SEE DETAILS 8/A500, 9/A500, & PLUMBING DWGS. FOR ADD'L. INFORMATION |
| M.I. | 24x36" 1/4" GLASS MIRROR BRADLEY 747-024360 OR APPROVED EQUAL |
| P.T.D. | SURFACE MOUNTED PAPER TOWEL DISPENSER BOBRICK B-2620 (SATIN FINISH) OR APPROVED EQUAL |
| S.D. | SURFACE MOUNTED SOAP DISPENSER BOBRICK B-4112 (SATIN FINISH) OR APPROVED EQUAL |
| T.P.H. | SURFACE MOUNTED MULTI-ROLL TOILET PAPER HOLDER BOBRICK B-2888 (SATIN FINISH) OR APPROVED EQUAL |
| W.C. | ACCESSIBLE FLOOR SET TANK STYLE WATER CLOSET WITH FLUSH CONTROLS TO BE LOCATED ON ACCESSIBLE, OPEN SIDE OF FIXTURE- SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION |
| W.R. | FLOOR STANDING WASTE RECEPTACLE SAFCO PRODUCTS #990255 |

- ### TOILET ROOM NOTES
- ALL FIXTURES & ACCESSORIES TO MEET ACCESSIBILITY REQUIREMENTS. SEE A020 DETAIL FOR ADDITIONAL INFORMATION.
 - LAVATORIES SHALL HAVE A CLEAR ACCESS WIDTH OF NOT LESS THAN 30", CLEAR HEIGHT OF NOT LESS THAN 29" TO THE BOTTOM OF THE FIXTURE APRON, CLEAR HEIGHT OF NOT MORE THAN 34" TO THE RIM OF THE FIXTURE, & A CLEAR DEPTH OF NOT LESS THAN 12" UNDER THE FIXTURE EXCLUSIVE OF THE BOWL & WASTE PIPE.
 - ALL EXPOSED PIPES ARE TO BE COVERED WITH AN INSULATED PROTECTIVE MATERIAL.
 - THE WATER CONTROL VALVES SHALL HAVE LEVER HANDLES.
 - MIRRORS SHALL BE MOUNTED SO THAT THE BOTTOM IS NO HIGHER THAN 40" ABOVE THE FLOOR.
 - ALL WALL-MOUNTED DISPENSERS, WASTE, DISPOSAL CONTAINERS, OR SIMILAR ACCESSORIES SHALL BE MOUNTED SO THAT WORKING HEIGHT IS NO HIGHER THAN 48" ABOVE THE FLOOR FOR A FRONT APPROACH AND NO HIGHER THAN 54" ABOVE THE FLOOR FOR A SIDE APPROACH, AND SHALL BE FREE OF INTERFERENCE BY GRAB BARS OR OTHER ACCESSORIES OR FIXTURES.
 - GRAB BARS SHALL SUPPORT A WEIGHT OF 250 LBS. OR GREATER.
 - BABY CHANGING STATION TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. G.C. TO SUBMIT PHOTOGRAPHIC DOCUMENTATION OF PROPER INSTALLATION TO TENANT IMMEDIATELY FOLLOWING INSTALLATION.
 - G.C. TO PROVIDE BACKING/BLOCKING IN WALLS AS REQUIRED TO SECURE WALL HUNG ITEMS INCLUDING TOILET FIXTURES & ACCESSORIES. SEE SHEET A200 FOR ADDITIONAL INFORMATION.



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DEVELOPMENT SERVICES
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Missouri State Certificate of Authority #A-2016006102

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NUMBER A-2015028170
ARCHITECT

REBECCA L. OLSON - ARCHITECT
MO #A-2015028170

PROJECT:

BIBIBOP
asian grill
STREETS OF WEST PRYOR

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SUITE E
LEE'S SUMMIT, MO 64081

BIBIBOP STORE NO.: B0057
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PROJECT NO.: BB2010

DRAWN BY: SJV

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ISSUES AND REVISIONS:

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| PERMIT ISSUE | 01.25.2021 |
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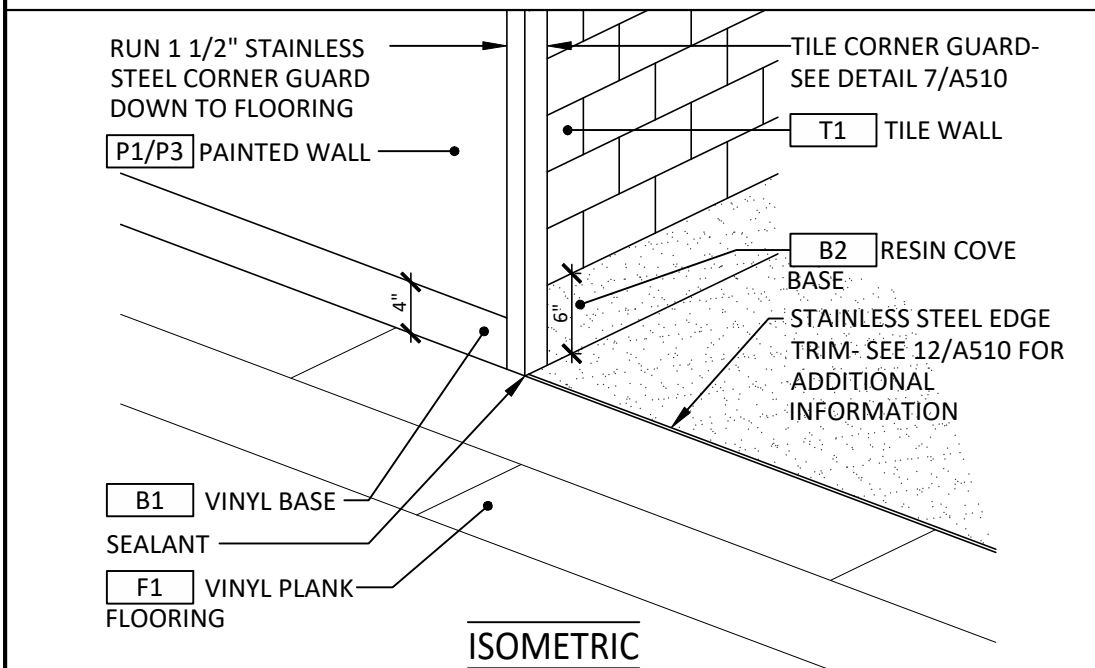
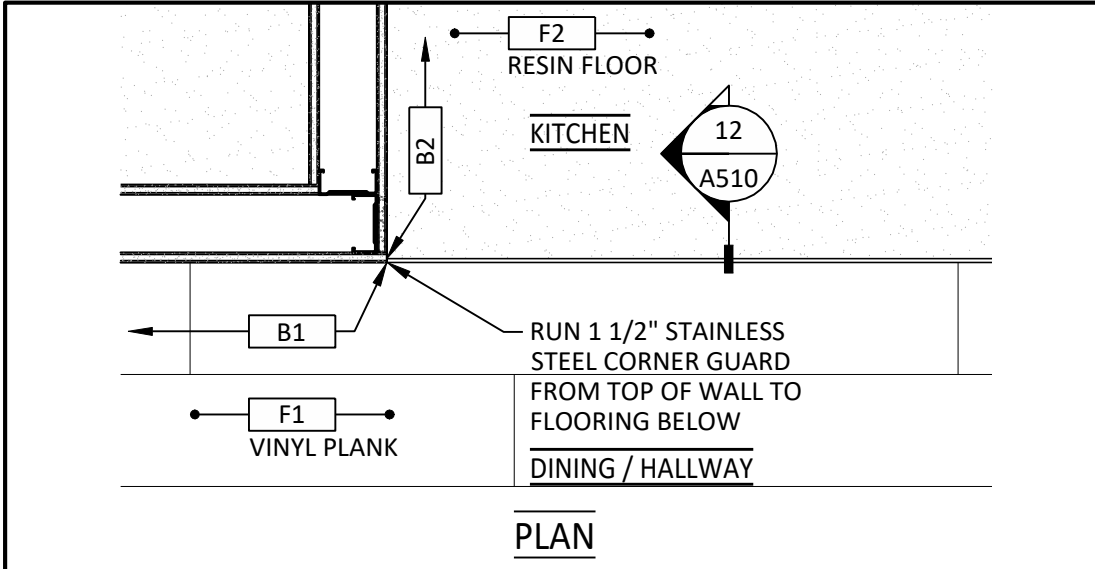
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TOILET ROOM DETAILS

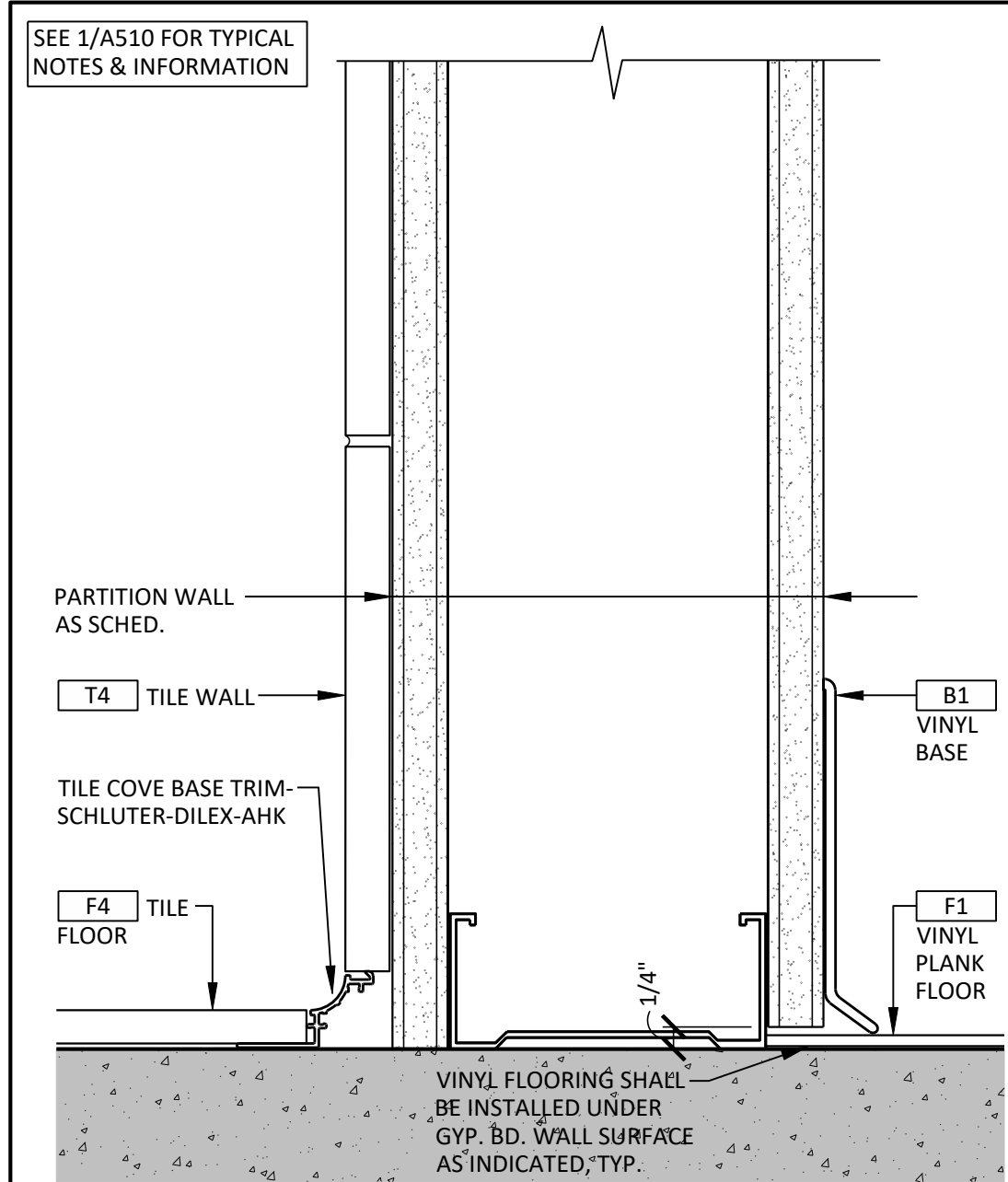
A500

1. TRIM TO BE INSTALLED CONTINUOUSLY. NO JOINTS OR SEAMS WILL BE ACCEPTED WHERE A FULL LENGTH COULD HAVE BEEN INSTALLED.
2. WHERE A SEAM IS REQUIRED IN THE TRIM, START WITH FULL LENGTH TRIM AT THE CEILING WITH JOINT OR SEAM CLOSER TO THE FLOOR AT TILE AREAS. AT BACK OF HOUSE / F.R.P. AREAS, F.R.P. TRIM & ACCESSORIES TO BEGIN WITH FULL LENGTH TRIM AT THE BASE WITH JOINTS & SEAMS CLOSER TO THE CEILING.
3. ALL INSIDE/OUTSIDE CORNERS TO BE MITERED (TIGHT & FLUSH) OR INSTALLED W/ APPROPRIATE COORDINATING SCHLUTER CONNECTION ACCESSORY, FINISH TO MATCH ADJACENT EDGE TRIM, NO BUTT JOINT PERMITTED.
4. IN KITCHEN & BACK OF HOUSE LOCATIONS, PROVIDE CLEAR SEALANT AT TRANSITION STRIP OR CORNER GUARD ONLY IF REQUIRED BY LOCAL HEALTH DEPARTMENT.
5. WHERE SCHLUTER TRANSITIONS MEET AT A CORNER, PROVIDE EITHER COORDINATING SCHLUTER CORNER ACCESSORY OR CLEANLY MITER THE CORNER.
6. WHERE STAINLESS STEEL CORNER GUARDS ARE SPECIFIED, G.C. TO PROVIDE & INSTALL INPRO #340 SURFACE MOUNTED 1 1/2" x 1 1/2" STAINLESS STEEL CORNER GUARD OR APPROVED EQUAL. MECHANICALLY FASTEN CORNER GUARD TO PARTITION PER MANUFACTURER'S RECOMMENDATIONS. SEE SHEET A210 & INTERIOR ELEVATIONS FOR LOCATIONS.
KITCHEN & BACK OF HOUSE: BRUSHED STAINLESS STEEL (EB)
TOILET ROOMS: SATIN ANODIZED ALUMINUM (AE)
7. WHERE SCHLUTER TRANSITIONS ARE SPECIFIED, FINISHES SHALL BE LOCATED AS FOLLOWS. SEE SHEET A210 & INTERIOR ELEVATIONS FOR LOCATIONS.
KITCHEN & BACK OF HOUSE: BRUSHED STAINLESS STEEL (EB)
TOILET ROOMS: SATIN ANODIZED ALUMINUM (AE)
8. CORNER GUARDS & TRIM (INCLUDING FIBERGLASS REINFORCED PANEL CORNERS & ACCESSORIES) ARE TO BEGIN AT THE TOP OF FLOOR BASE FINISH. WHERE A BASE IS SPECIFIED, DO NOT EXTEND CORNER GUARD OR TRIM DOWN TO FLOOR.

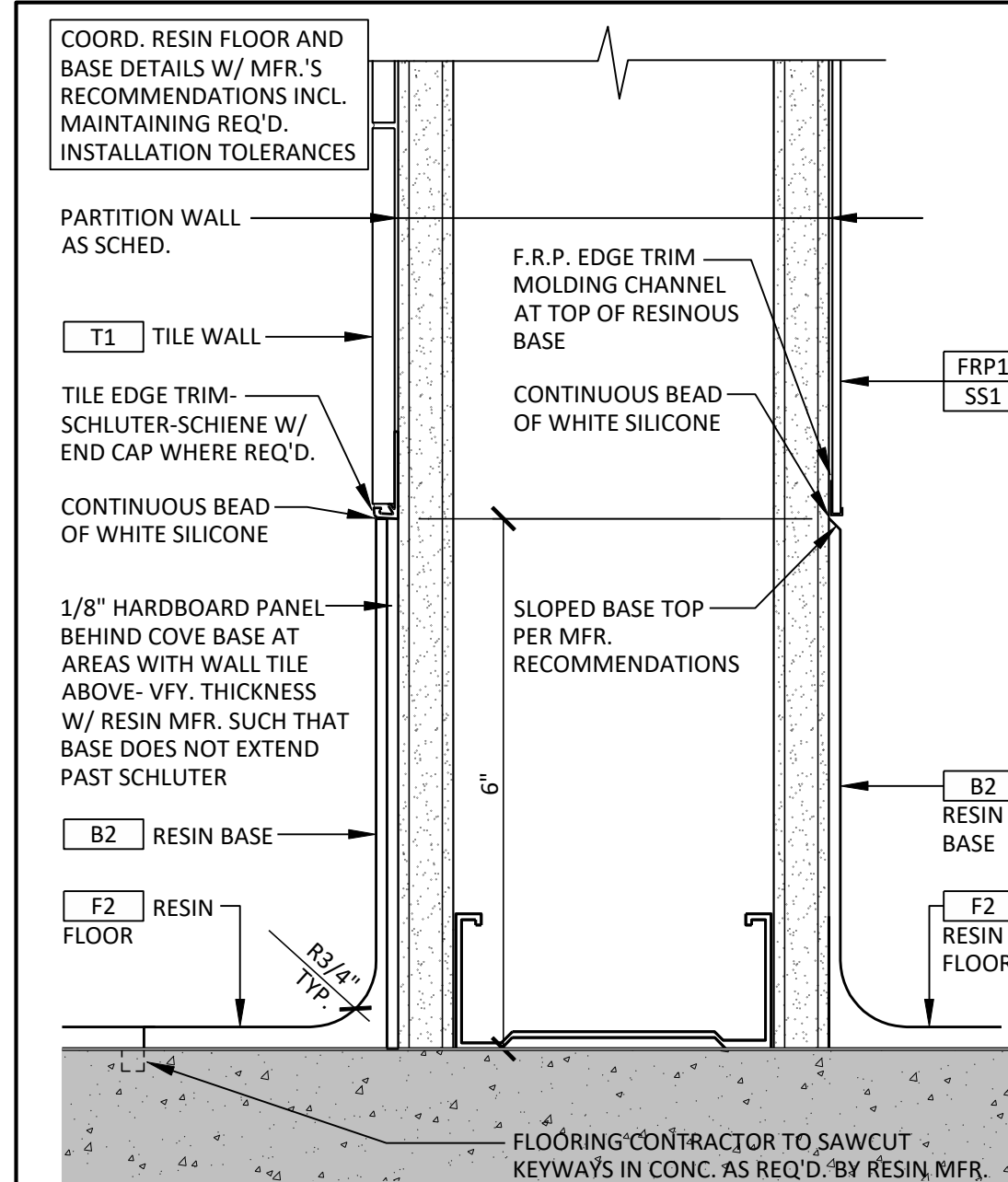
1 TYP. TRIM & CORNER GUARD NOTES
A510 N.T.S.



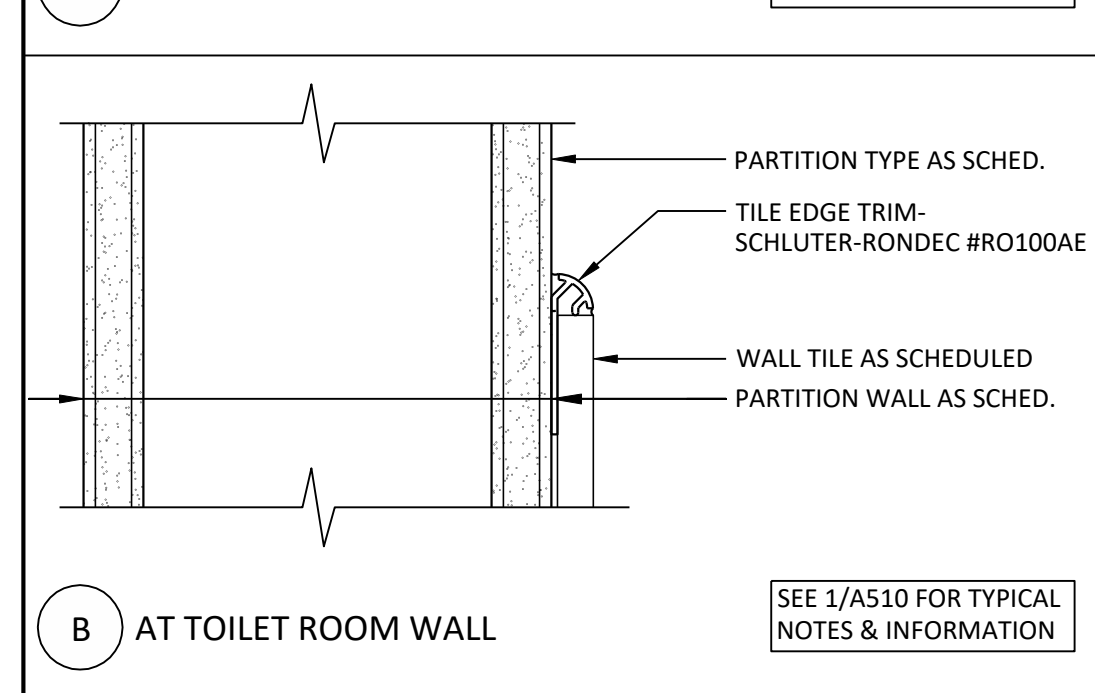
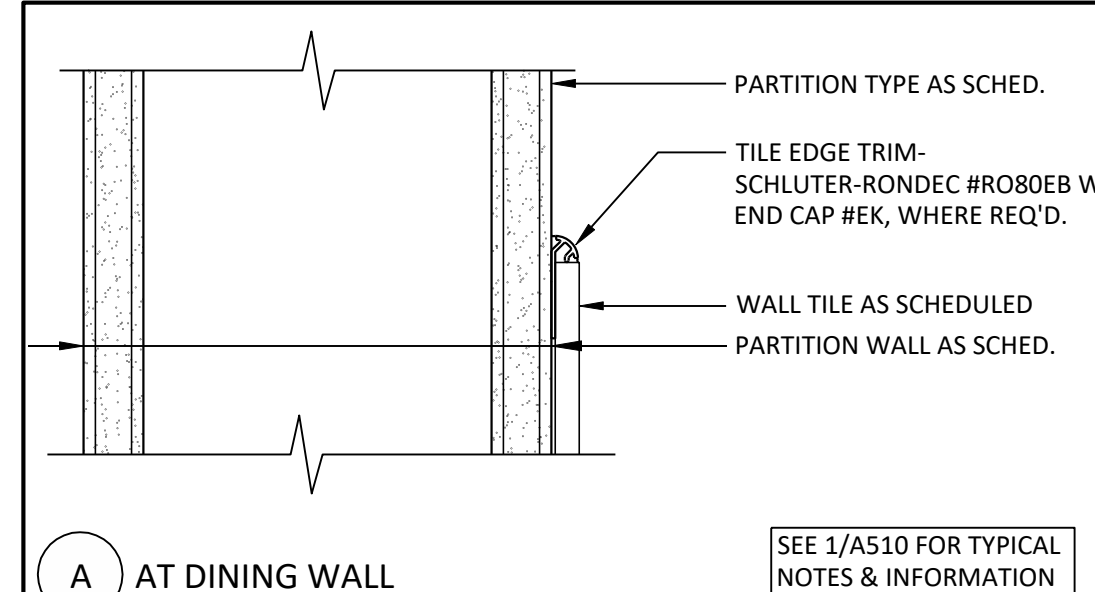
2 RESIN TO VINYL BASE DETAIL
A510 N.T.S.



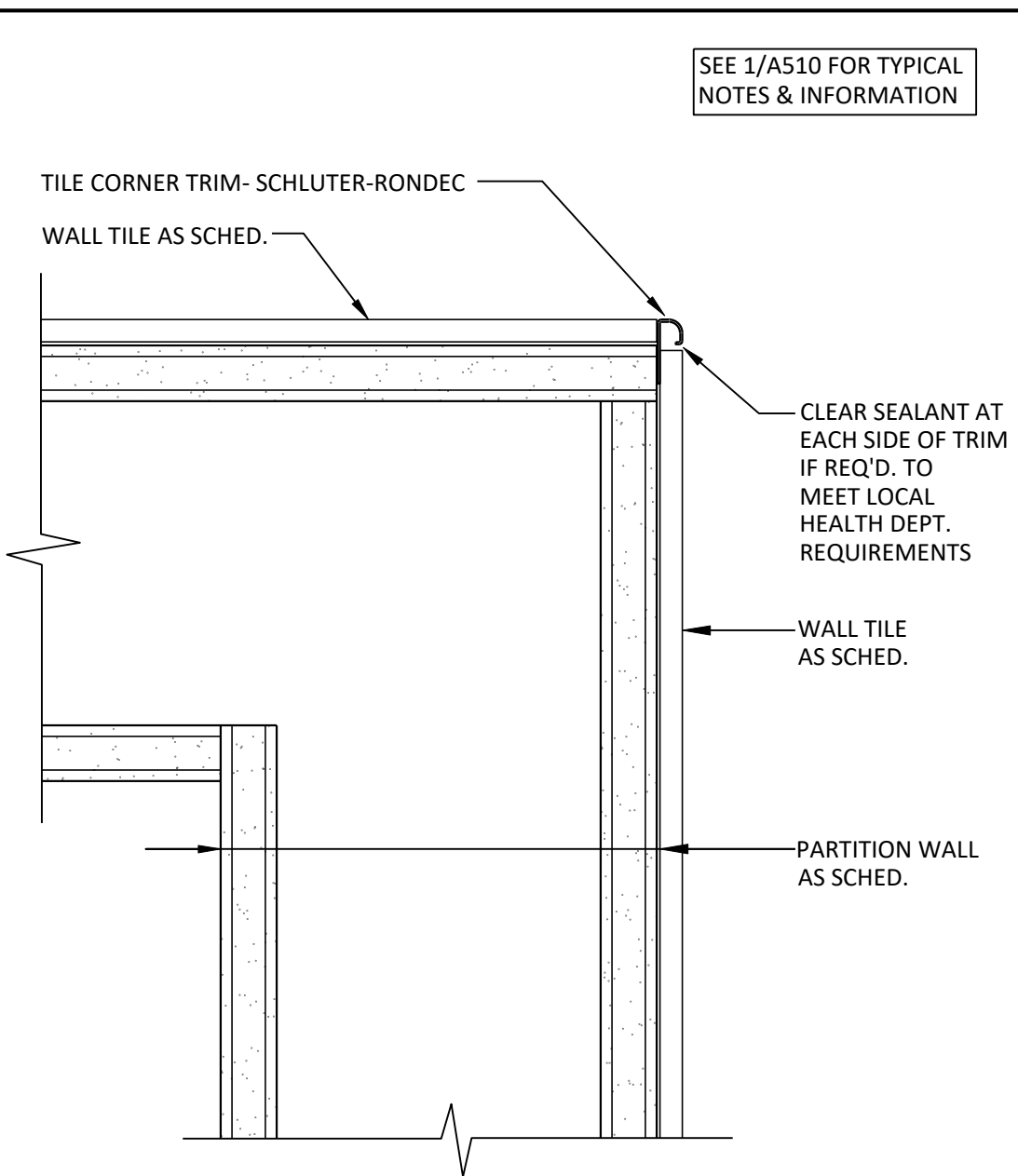
3 WALL BASE DETAIL- TILE & VINYL
A510 6"=1'-0"



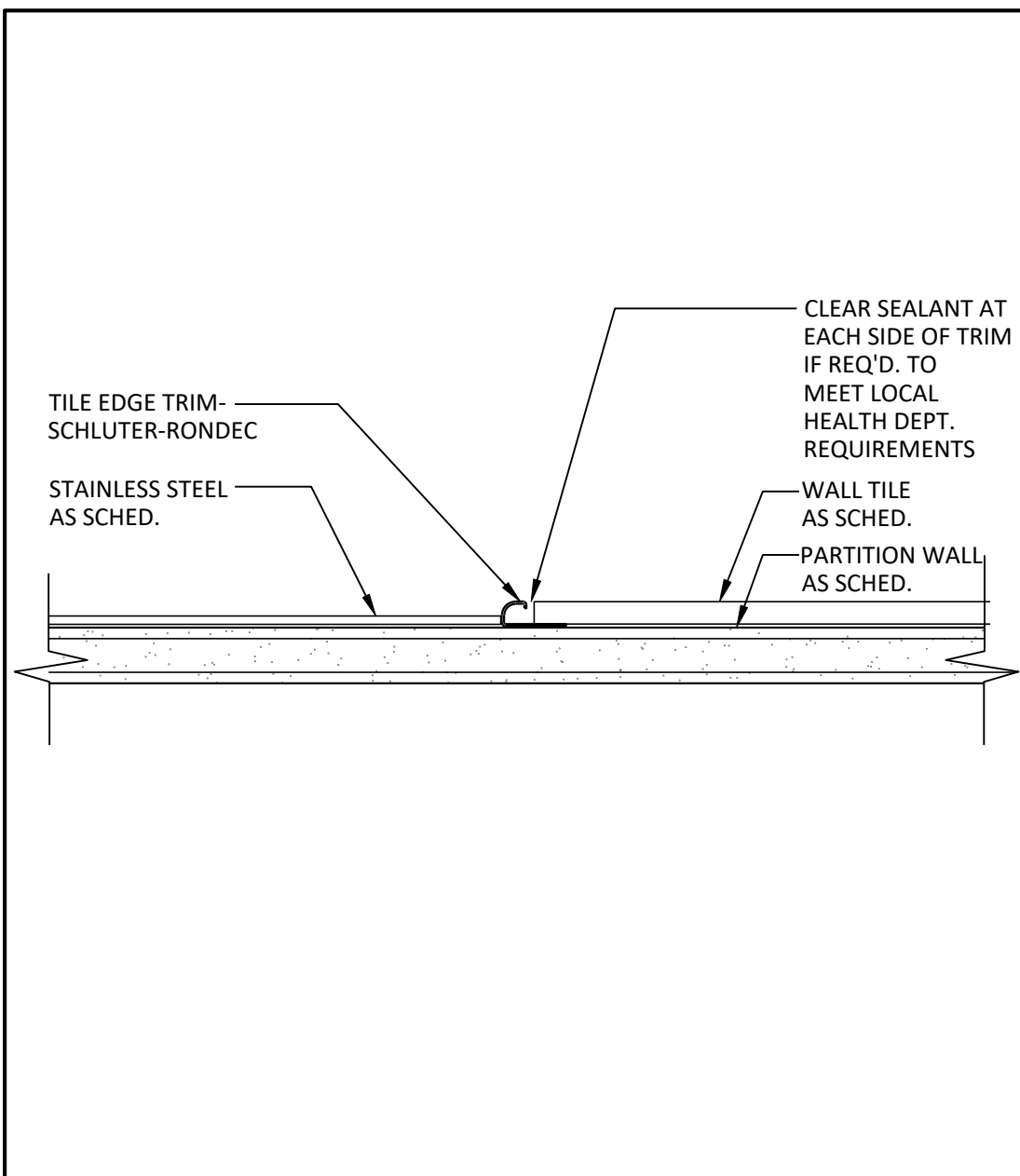
4 WALL BASE DETAIL- RESINOUS
A510 6"=1'-0"



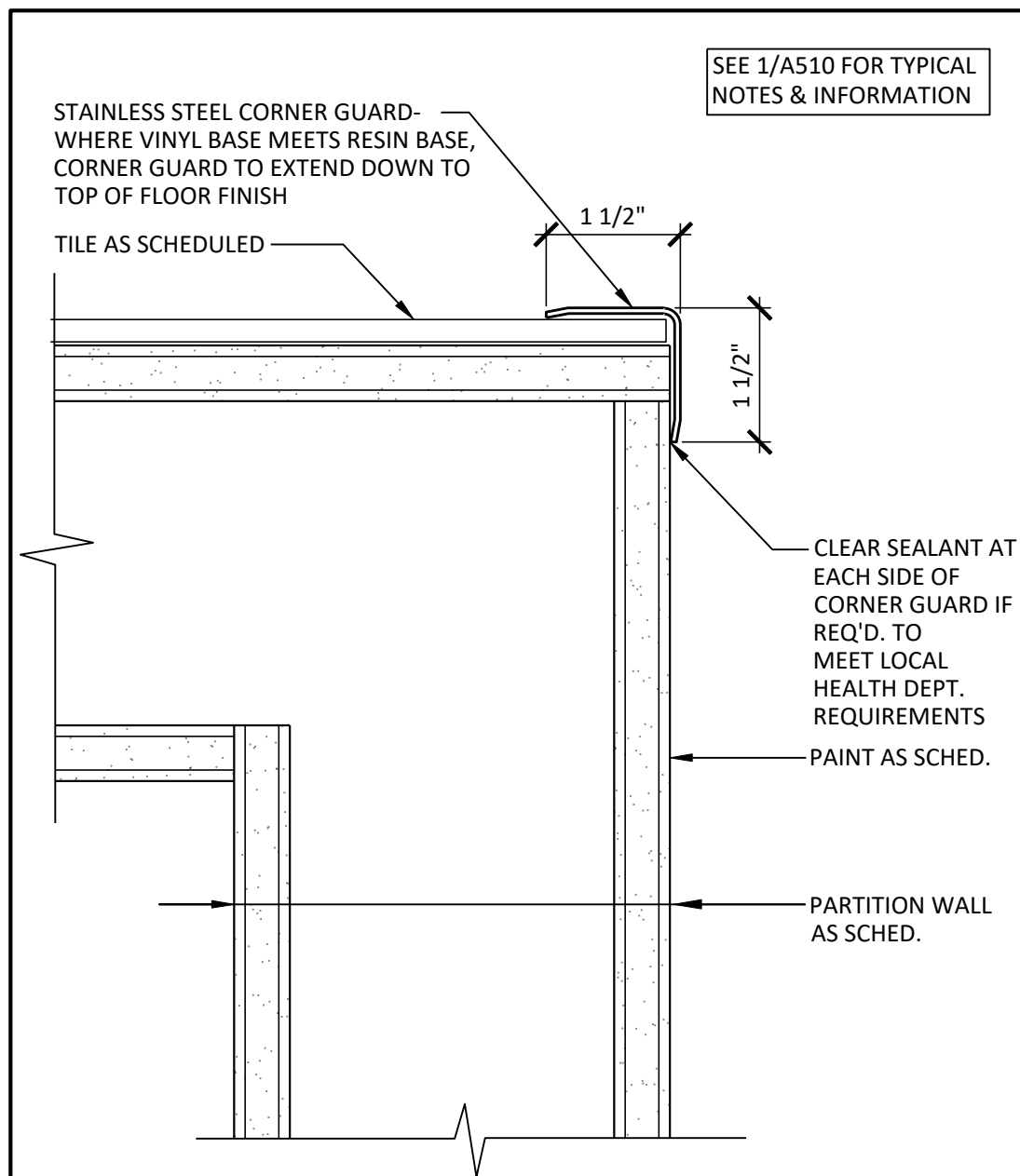
5 WALL TILE EDGE TRIM DETAILS
A510 6"=1'-0"



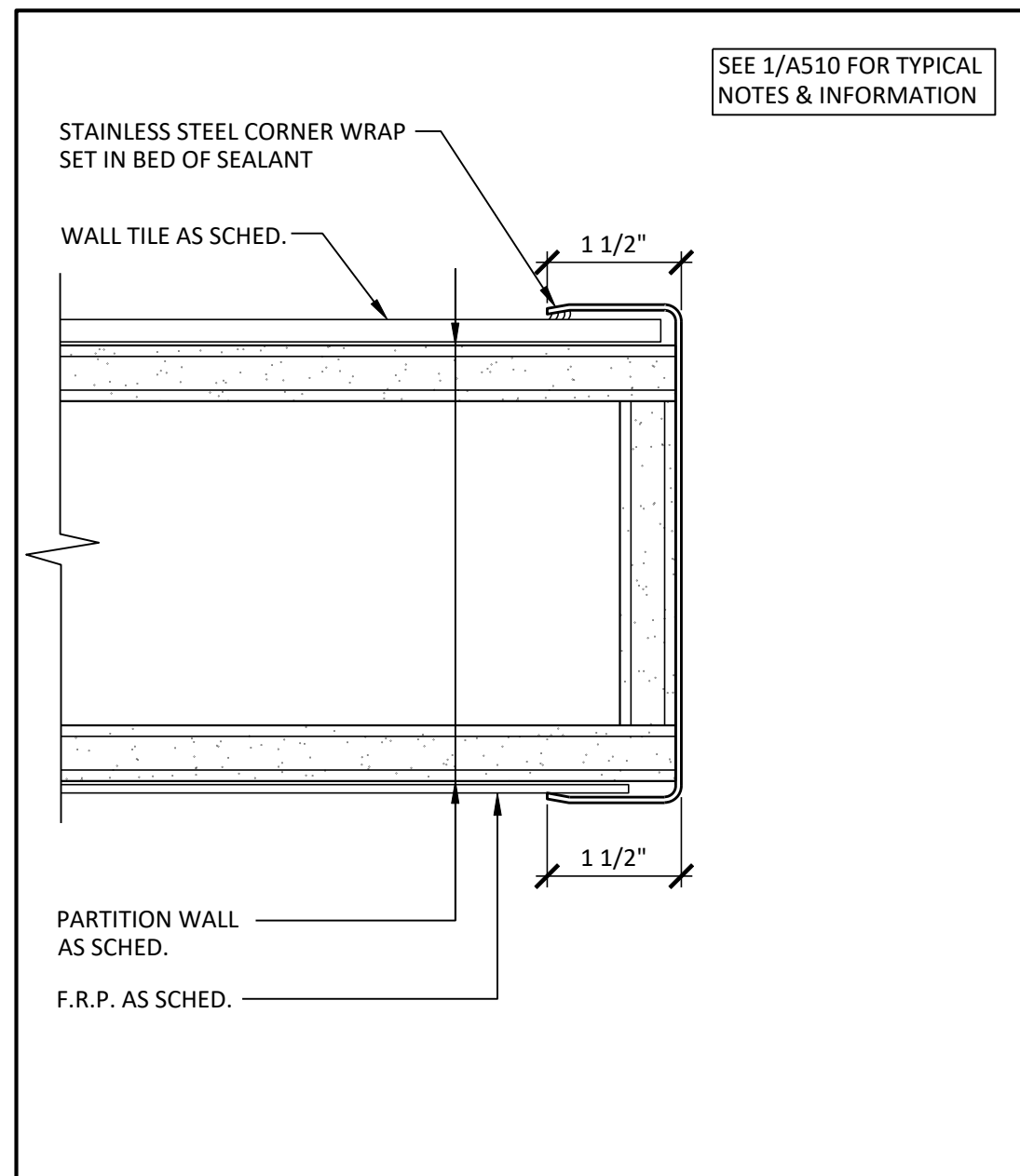
6 CORNER DETAIL- TILE TO TILE
A510 6"=1'-0"



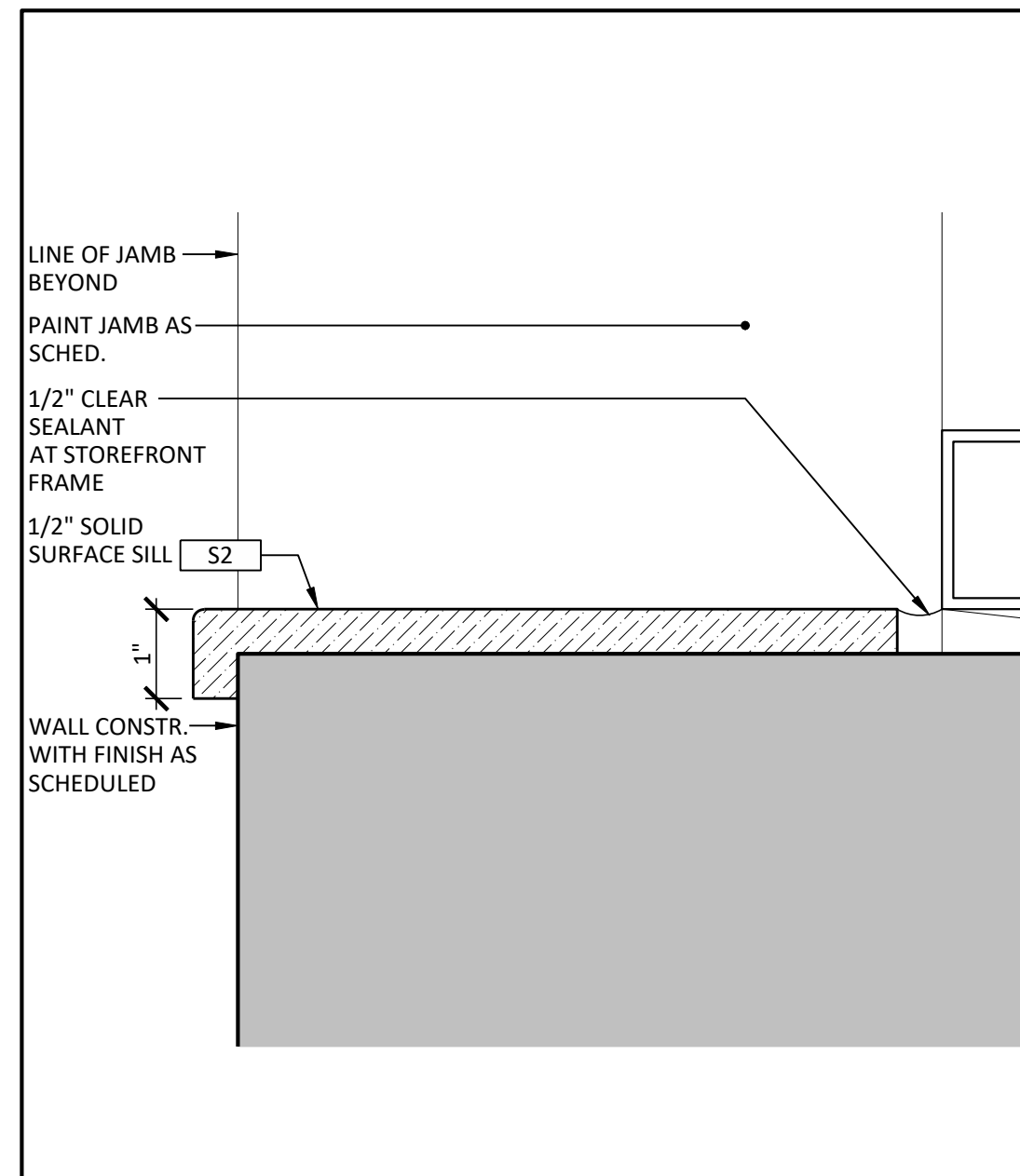
7 TILE TO STAINLESS STEEL DETAIL
A510 6"=1'-0"



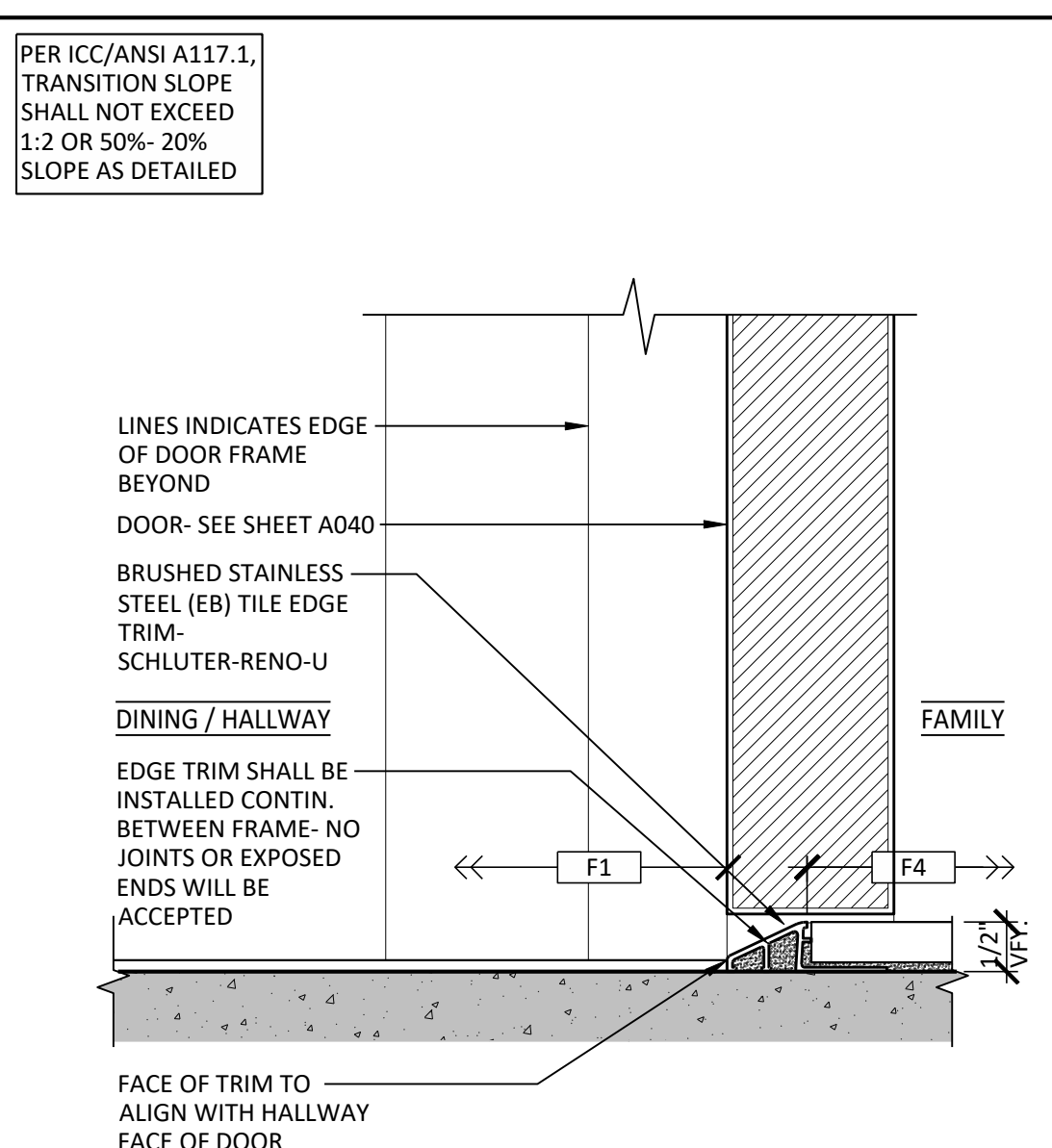
8 CORNER DETAIL- TILE TO PAINT
A510 6"=1'-0"



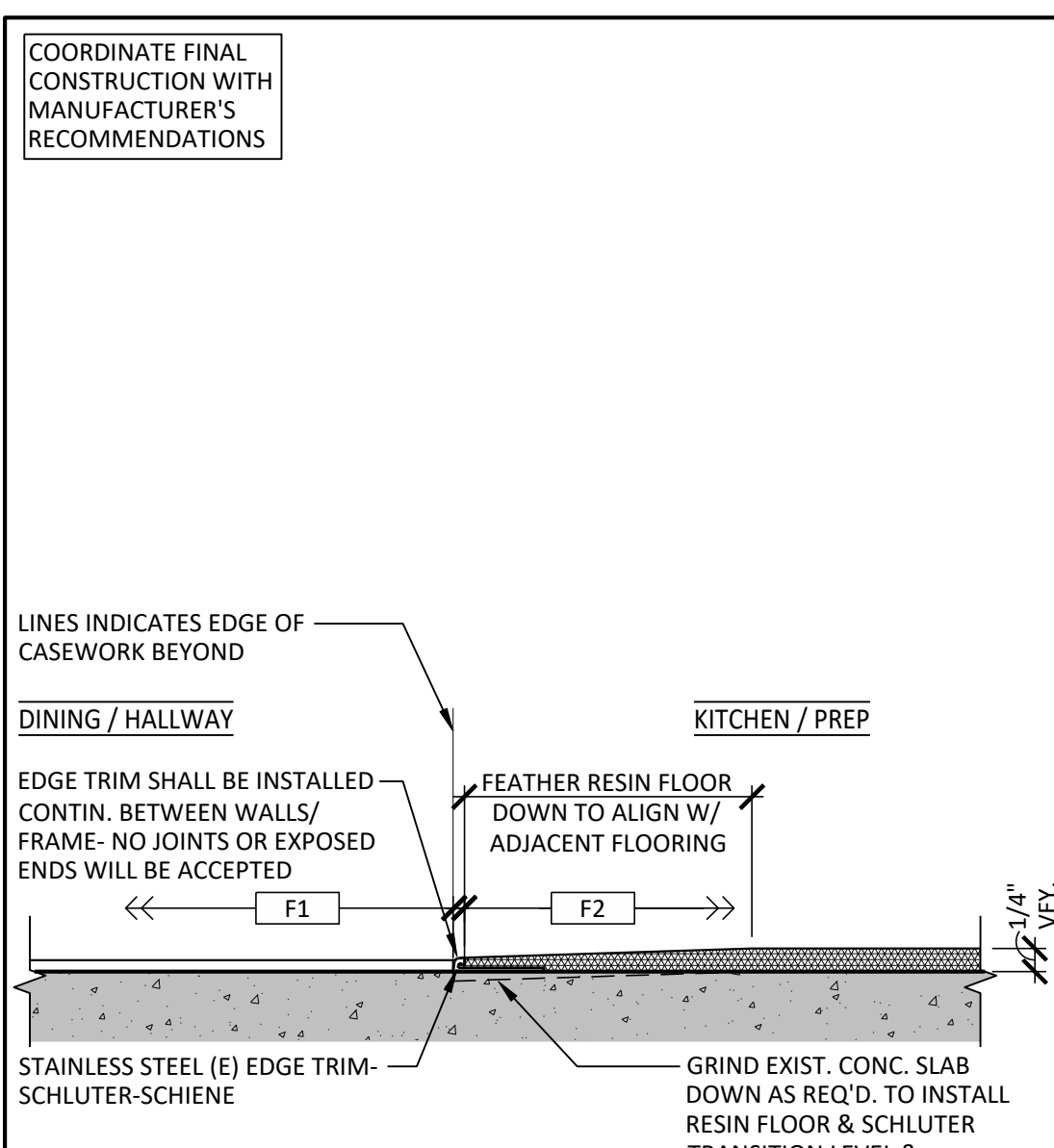
9 S.S. CORNER WRAP DETAIL
A510 6"=1'-0"



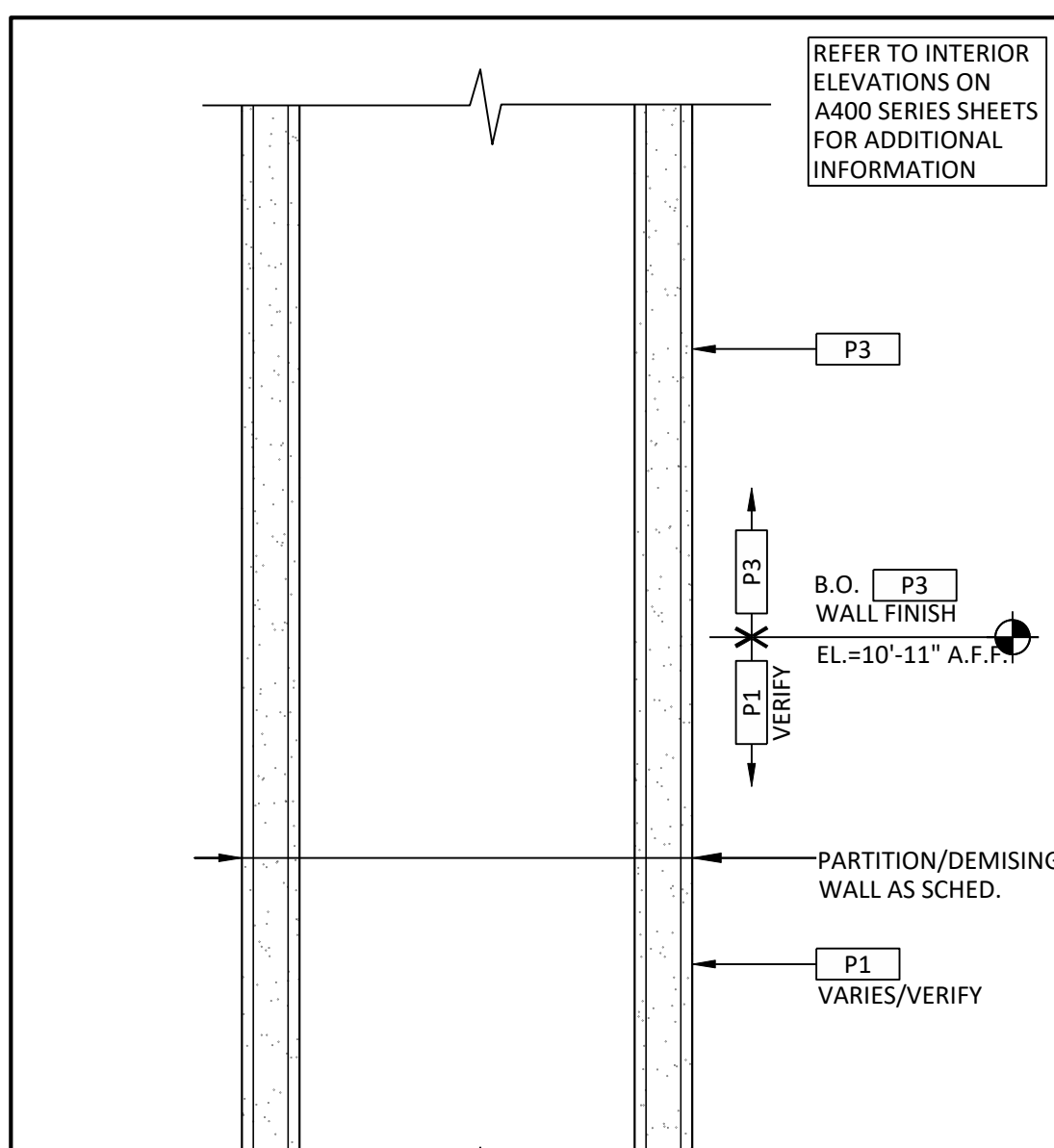
10 SILL DETAIL
A510 3"=1'-0"



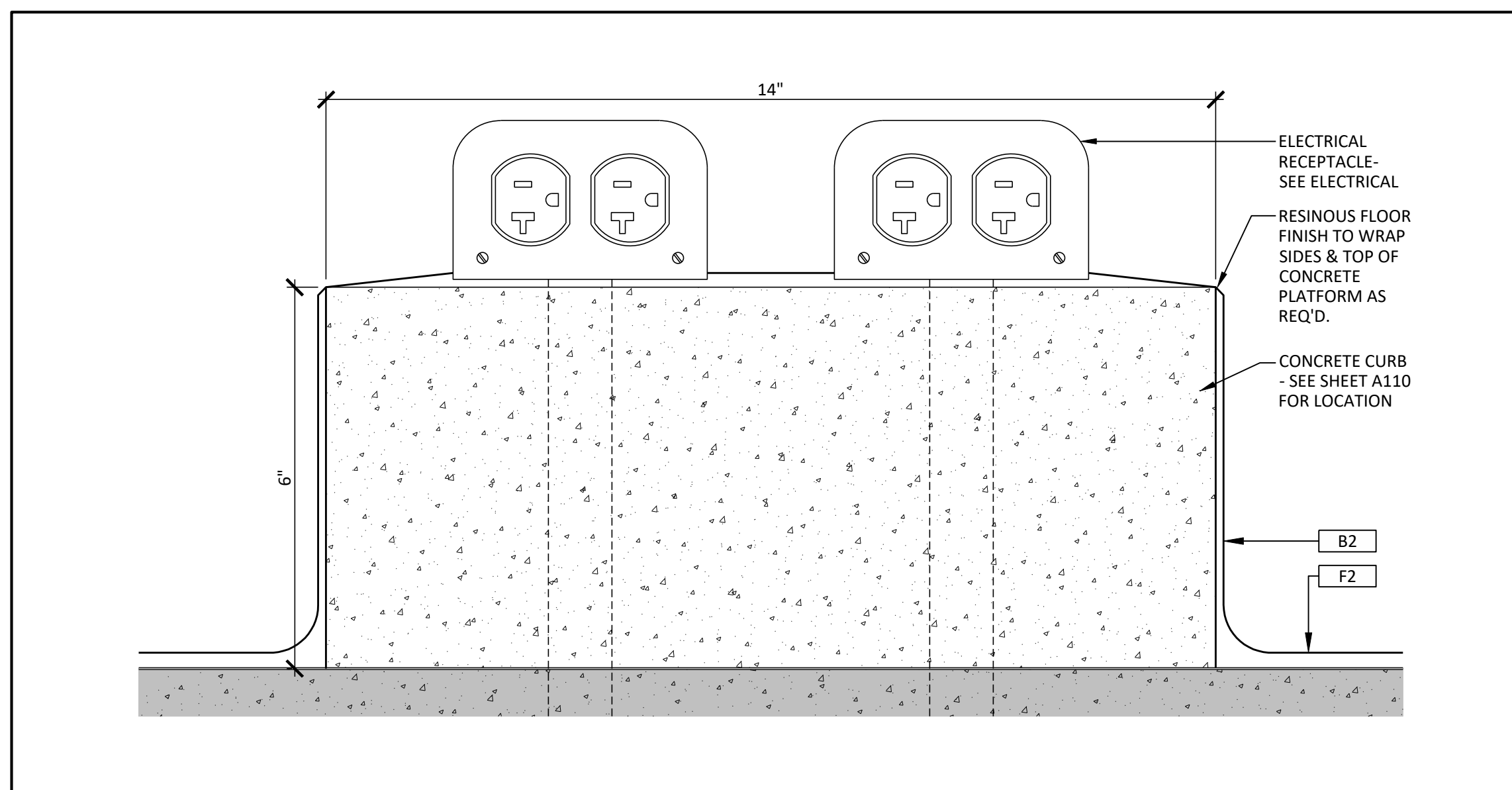
11 TRANSITION DETAIL- VINYL TO TILE
A510 6"=1'-0"



12 TRANSITION DTL.- VINYL TO RESIN
A510 6"=1'-0"



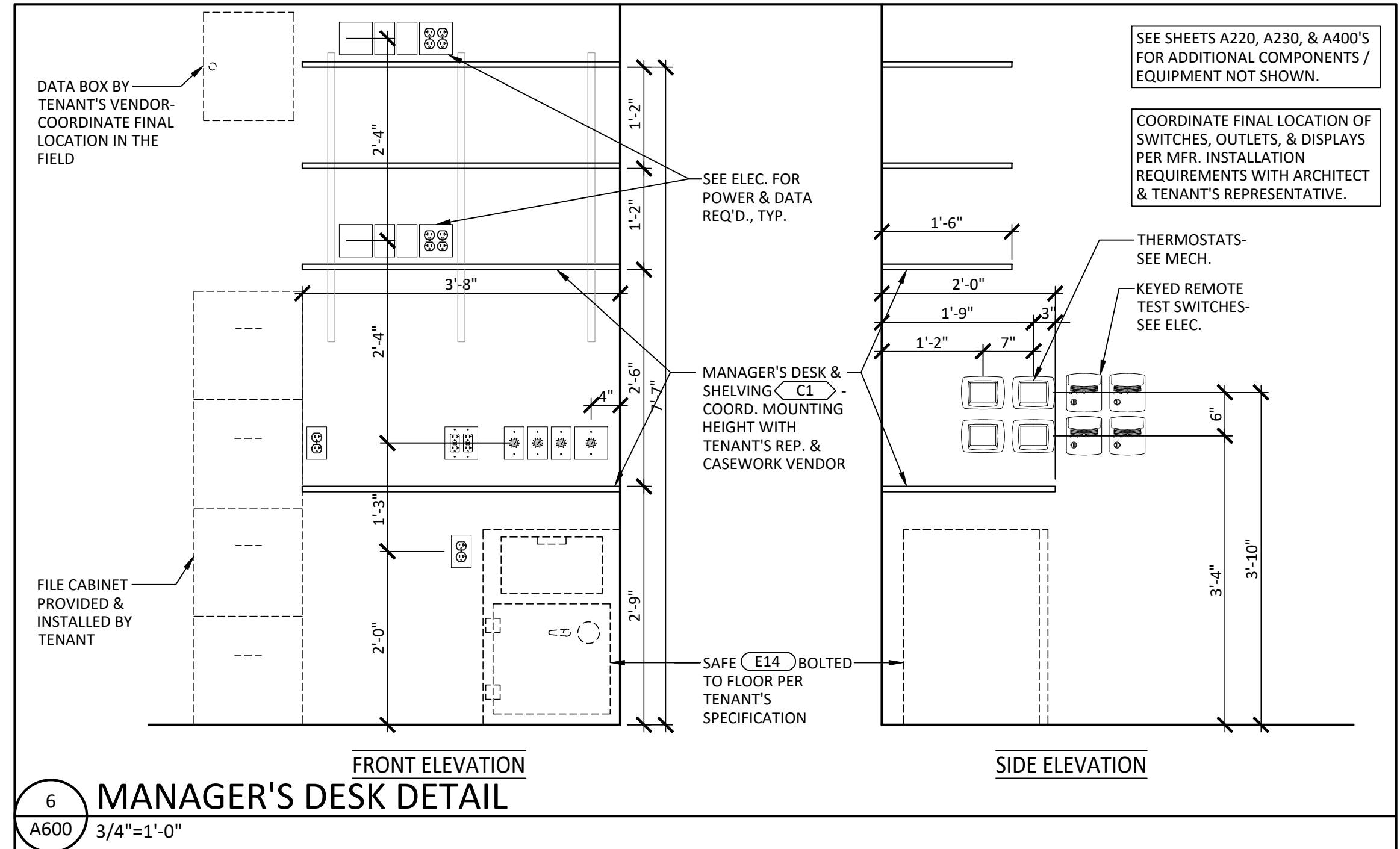
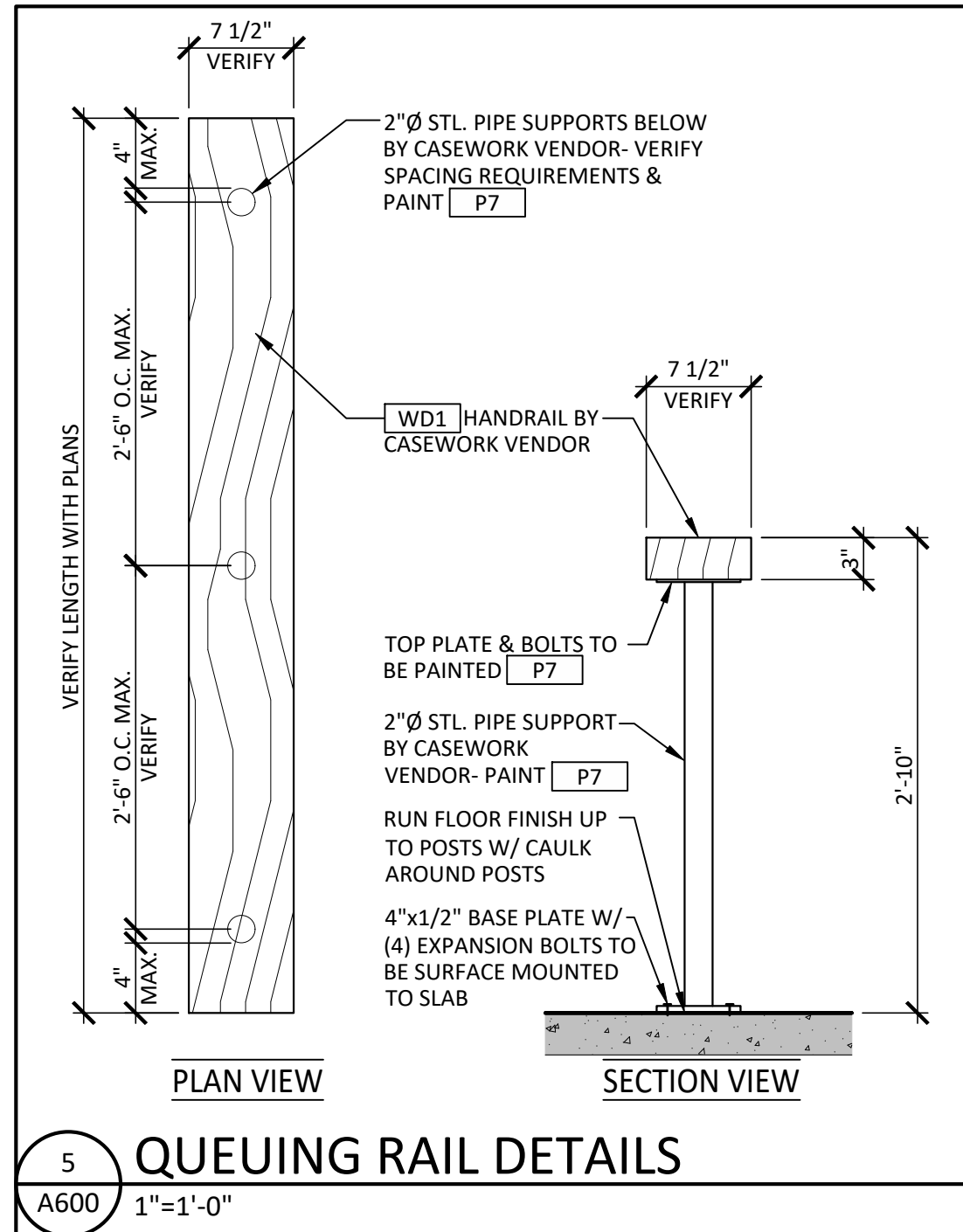
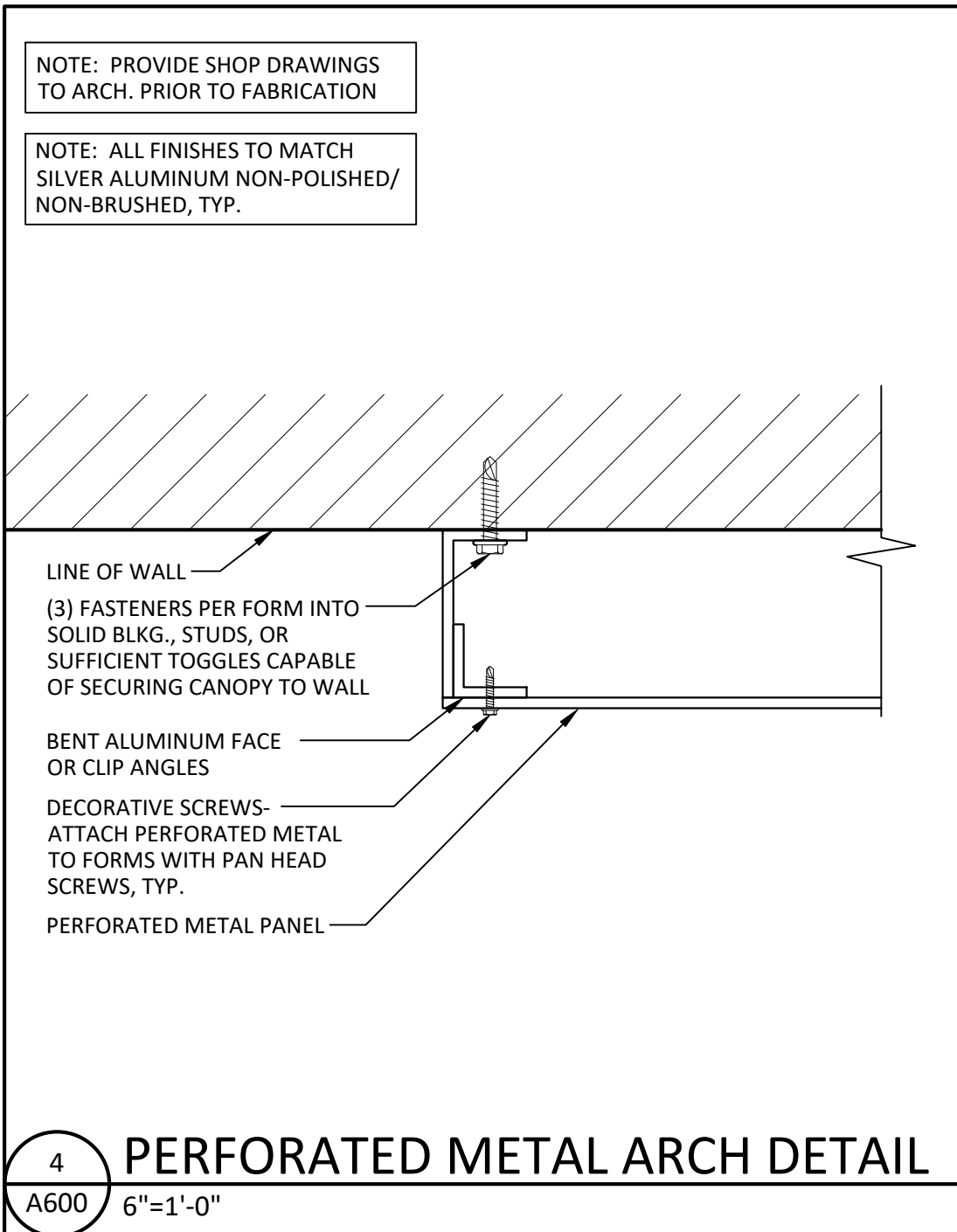
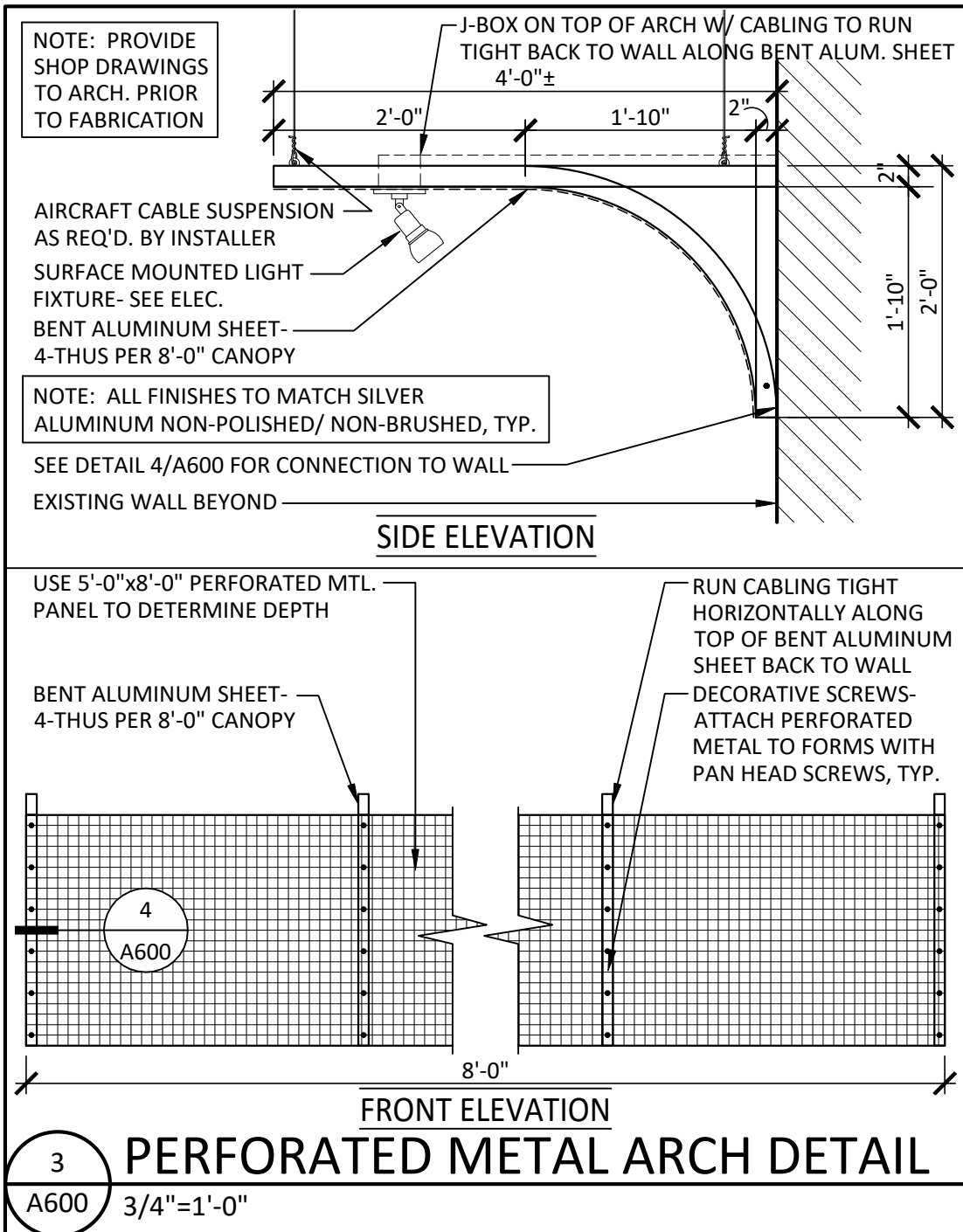
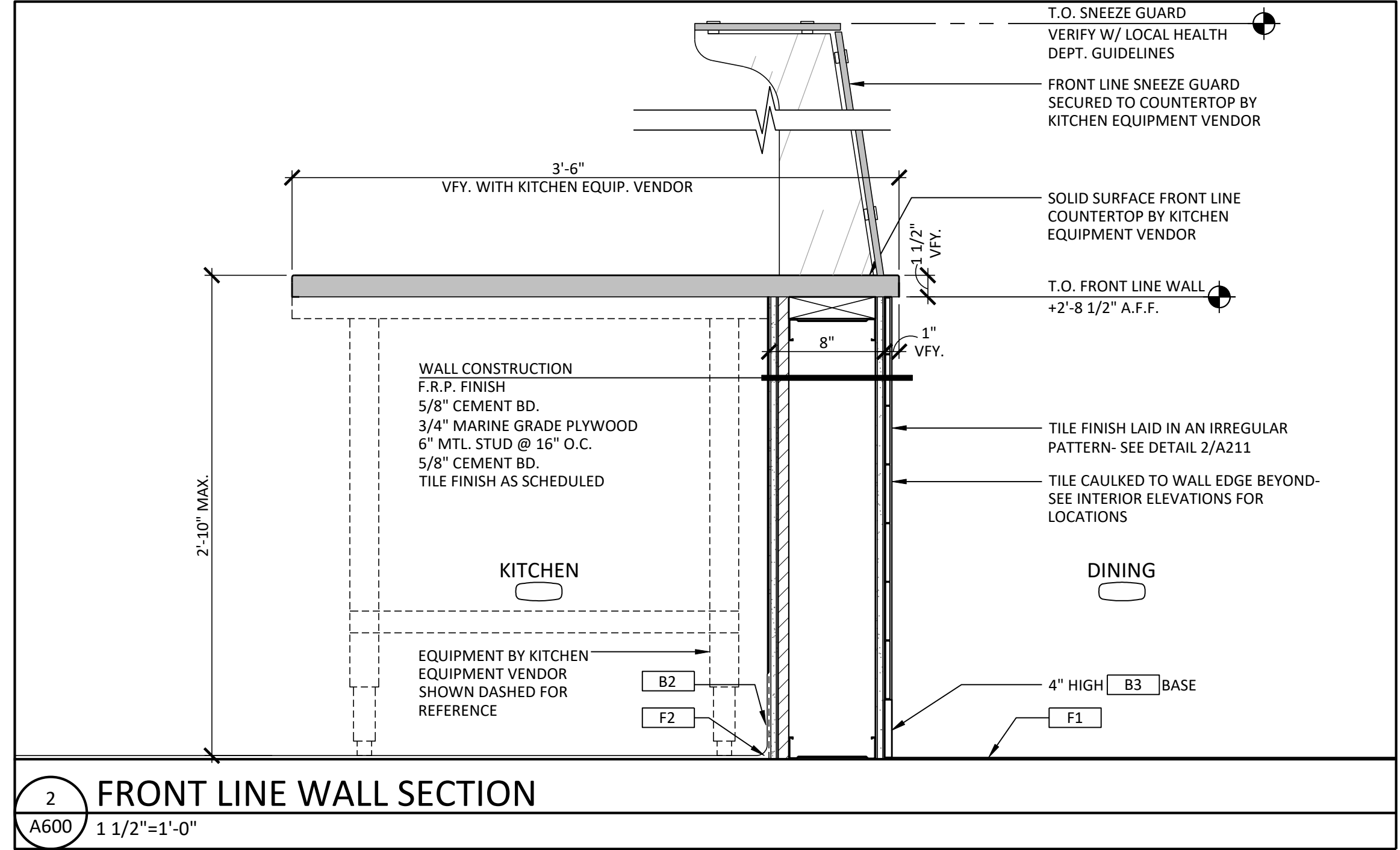
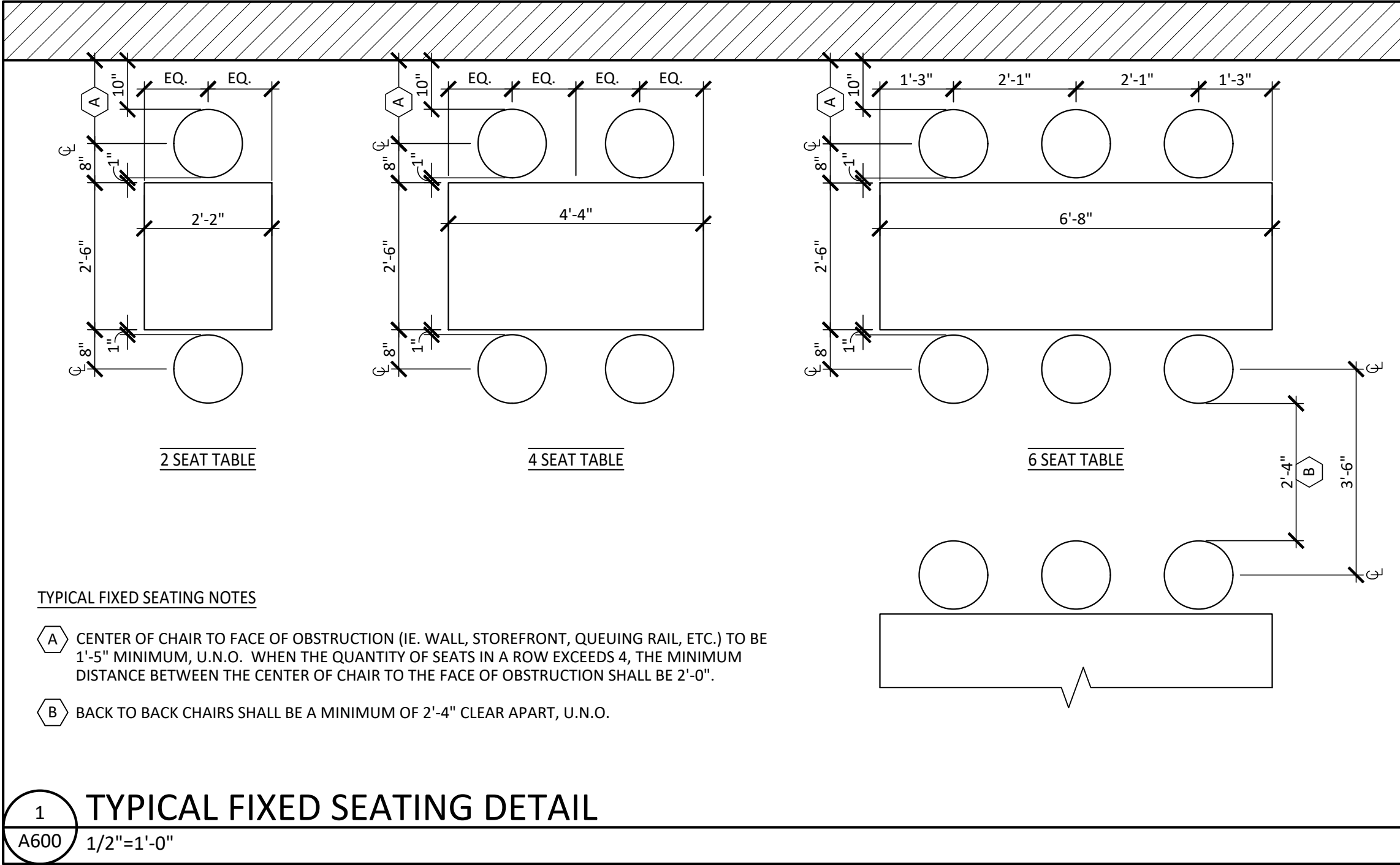
13 WALL FINISH DETAIL
A510 6"=1'-0"



14 ISLAND ELECTRICAL CURB DETAIL
A510 6"=1'-0"

GENERAL CASEWORK NOTES

1. GENERAL CONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING ALL LOCATIONS WHERE CASEWORK IS ATTACHED TO THE WALL AND AS DIRECTED BY TENANT'S REPRESENTATIVE ON SITE.
2. COORDINATE LOCATION OF CASEWORK WITH FURNITURE PLAN 1/A220, TYP.
3. FOR EQUIPMENT SUPPLIED & INSTALLED BY OTHERS (SHOWN SHADED), COORDINATE WITH SHEET A230 FOR ADDITIONAL INFORMATION.
4. ALL ARCHITECTURAL FINISHES APPLIED TO KITCHEN EQUIPMENT VENDOR SUPPLIED CASEWORK TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY ACTUAL CASEWORK CONDITIONS, DIMENSIONS & FINISHES PRIOR TO INSTALLATION OF ARCHITECTURAL NOTED FINISHES.
5. ALL MISCELLANEOUS STAINLESS STEEL SHOWN TO BE PROVIDED & INSTALLED BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
6. CASEWORK VENDOR TO COORDINATE WITH GENERAL CONTRACTOR FOR GENERAL CONTRACTOR PROVIDED STEEL REQUIRED TO STIFFEN MILLWORK. VERIFY LOCATIONS IN THE FIELD.
7. ALL DIMENSIONS NOTED ON WALL SECTIONS ARE FROM FACE OF GYP. BD. U.N.O.
8. ALL INTERIOR SURFACES TO BE 'WHITE' MELAMINE FINISH, U.N.O. TYPICAL.
9. ALL GROMMETS REFERENCED TO BE 'WHITE', TYPICAL, UNLESS NOTED OTHERWISE.



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DRAWN BY: _____ SJV

CHECKED BY: _____ RLO

ISSUES AND REVISIONS:

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SHEET TITLE:

ARCHITECTURAL CASEWORK DETAILS

A600

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| SECTION 00700 - GENERAL CONDITIONS | |
| A. GENERAL CONDITIONS: THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AIA DOCUMENT A201, 2007 EDITION, IS A PART OF THIS CONTRACT, AND SHALL GOVERN WORK. | |
| 1. A COPY WILL BE MADE AVAILABLE BY ARCHITECT UPON REQUEST. | |
| SECTION 00800 - SUPPLEMENTARY CONDITIONS | |
| A. CONDITIONS AND REQUIREMENTS: GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND DIVISION 1, GENERAL REQUIREMENTS CONTAIN INFORMATION NECESSARY FOR COMPLETION OF EVERY PART OF PROJECT. | |
| B. DIVISION 1: WHERE PROVISIONS OF GENERAL CONDITIONS RELATE TO PROJECT ADMINISTRATION OR WORK-RELATED REQUIREMENTS OF THE CONTRACT, THOSE PARAGRAPHS ARE EXPANDED IN SCOPE IN DIVISION 1. | |
| C. THE FOLLOWING SUPPLEMENTS MODIFY AIA DOCUMENTS A201-2007, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION. WHERE A PORTION OF THE GENERAL CONDITION IS MODIFIED OR DELETED BY THESE SUPPLEMENTARY CONDITIONS, THE UNALTERED PORTIONS OF GENERAL CONDITIONS SHALL REMAIN IN EFFECT. | |
| D. 2.2.3 MODIFY SECTION AS FOLLOWS: THE OWNER SHALL PROVIDE LANDLORD'S LOD UPON WRITTEN REQUEST. CONTRACTOR SHALL COORDINATE WITH LANDLORD THEIR REQUIREMENTS FOR ALL CONSTRUCTION ON SITE. | |
| E. 3.7.4 CHANGE THE 21 DAY NOTICE PERIOD TO 2 DAYS FOR SUBSURFACE CONDITIONS THAT DIFFERENT FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS. | |
| F. THE ARCHITECT'S DUTIES, RESPONSIBILITIES AND LIMITATIONS OF AUTHORITY THROUGH THE GENERAL CONDITIONS DOCUMENT ARE MODIFIED AS FOLLOWS. ITEMS CONTAINED IN THE GENERAL CONDITIONS THAT THE ARCHITECT DOES ADMINSTRATE ARE AS FOLLOWS: | |
| 1. 3.8.2, 6.2.2 COMMUNICATIONS: CONTRACTOR SHALL COMMUNICATE DIRECTLY WITH OWNER AND SHALL INCLUDE ARCHITECT IN COMMUNICATIONS THAT AFFECT CHANGES TO DRAWINGS OR CODE REQUIREMENTS. | |
| 2. ARTICLE 7: THE ARCHITECT HAS NO RESPONSIBILITY OR INVOLVEMENT IN COST OF PROJECT INCLUDING MINOR CHANGES IN WORK, CONSTRUCTION CHANGE DIRECTIVES, CHANGE ORDERS, ETC. ALL OF WHICH ARE CONTROLLED AND APPROVED BY OWNER. | |
| 3. ARTICLE 5: THE ARCHITECT HAS NO RESPONSIBILITY IN APPROVAL OF SUBCONTRACTORS OR MATERIAL SUPPLIERS. THE OWNER SHALL HAVE FULL APPROVAL AUTHORITY. | |
| 4. ARTICLE 7: THE ARCHITECT HAS NO RESPONSIBILITY REGARDING "TIME" ON THE PROJECT. ALL DETERMINATIONS ARE BY OWNER. | |
| 5. ARTICLE 9: THE ARCHITECT HAS NO RESPONSIBILITY FOR REVIEWING THE SCHEDULE OF VALUES OR FOR ADMINISTERING OR APPROVING OF PAYMENTS, ALL OF WHICH LIE SOLELY WITH THE OWNER. THE OWNER AS WELL SHALL DETERMINE THE SUBSTANTIAL COMPLETION DATE BASED ON THE PUNCHLIST. | |
| 6. ARTICLE 14: THE ARCHITECT SHALL NOT HAVE ANY AUTHORITY OVER OR ANY RESPONSIBILITY FOR THE TERMINATION OR SUSPENSION OF THE CONTRACT. | |
| 7. ARTICLE 15: THE ARCHITECT HAS NO RESPONSIBILITY FOR "CLAIMS & DISPUTES." OWNER & CONTRACTOR TO DEFINE MEDIATION OR ARBITRATION IN THEIR CONTRACT. | |
| 8. THE ARCHITECT WILL PERFORM NO MORE THAN ONE (1) INSPECTION OF DETERMINE WHETHER THE WORK OR A DESIGNATED PORTION THEREOF HAS ATTAINED SUBSTANTIAL COMPLETION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE OWNER IS ENTITLED TO REIMBURSEMENT FROM THE CONTRACTOR FOR AMOUNTS PAID TO THE ARCHITECT FOR ANY ADDITIONAL INSPECTIONS. | |
| G. ARTICLE 11: SHALL BE REPLACED ENTIRELY BY OWNER/CONTRACTOR SEPARATE WRITTEN AGREEMENT DEFINING INSURANCE REQUIREMENTS AND LIMITS OF EACH PARTY, ALL OF WHICH MUST COMPLY WITH LANDLORD'S INSURANCE REQUIREMENTS. | |
| DIVISION ONE: GENERAL REQUIREMENTS | |
| SECTION 01100 - SUMMARY OF WORK | |
| A. SCOPE: PROJECT CONSISTS OF CONSTRUCTION OF THE BIBIBOP RESTAURANT AS INDICATED IN CONTRACT DOCUMENTS. | |
| 1. ITEMS NOTED "NIC" (NOT IN CONTRACT) WILL BE FURNISHED AND INSTALLED BY LANDLORD/TENANT OR UNDER SEPARATE CONTRACT. | |
| 2. HAZARDOUS MATERIALS: NOT IN CONTRACT; LANDLORD WILL PROVIDE FOR HANDLING OF HAZARDOUS MATERIALS UNDER SEPARATE CONTRACT PRIOR TO THIS PROJECT. IF HAZARDOUS MATERIALS ARE SUSPECTED, NOTIFY OWNER IMMEDIATELY. | |
| B. WORK SEQUENCE: COORDINATE CONSTRUCTION SCHEDULE, OPERATIONS AND USE OF PREMISES WITH BUILDING MANAGEMENT. | |
| C. | |

CONTRACTOR USE OF PREMISES: LIMIT TO AREAS INDICATED ON DRAWINGS AND AS SPECIFIED; LIMIT ACCESS AS DIRECTED BY TENANT & LANDLORD.

E. LINES AND LEVELS ENGINEERING: ESTABLISH LINES AND LEVELS BY USE OF RECOGNIZED ENGINEERING PRACTICES. LOCATE AND PROTECT CONTROL AND REFERENCE POINTS.

F. REGULATORY REQUIREMENTS: PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH APPLICABLE CODES. COMPLY W/ CODE REQUIREMENTS FOR CONSTRUCTION. INFORM ARCH. OF DISCREPANCIES OBSERVED/NOTED BY OTHERS. STANDARDS: COMPLY WITH STANDARDS REFERENCED EXCEPT WHERE MORE RIGID REQUIREMENTS ARE REQUIRED BY CODE. DATE OF STANDARD IS THAT IN EFFECT AS OF DATE DOCUMENTS ARE ISSUED, EXCEPT WHEN SPECIFIC DATE IS SPECIFIED.

H. TENANT FURNISHED CONTRACTOR INSTALLED ITEMS: TENANT WILL ARRANGE FOR AND PAY FOR PRODUCT AS INDICATED ON DRAWINGS TO BE DELIVERED TO PROJECT SITE FOR CONTRACTOR INSTALLATION.

1. CONTRACTOR SHALL INSPECT, RECEIVE, UNLOAD, STORE, INSTALL AND FINISH.

SECTION 01300 - ADMINISTRATIVE REQUIREMENTS

A. PROCEDURES: CONTRACTOR SHALL REVIEW AND APPROVE SUBMITTALS PRIOR TO SUBMITTING TO TENANT'S PROJECT MANAGER; INFORM TENANT'S PROJECT MANAGER IN WRITING AT TIME OF SUBMISSION OF ANY PROPOSED DEVIATION FROM CONTRACT DOCUMENTS.

1. SUBMITTAL BY CONTRACTOR REPRESENTS THAT FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA HAVE BEEN DETERMINED AND VERIFIED BY CONTRACTOR.

2. REVIEW OF SUBMITTALS BY TENANT'S PROJECT MANAGER SHALL BE FOR DESIGN CONCEPT ONLY AND SHALL NOT BE CONSTRUED AS APPROVING DEPARTURES FROM CONTRACT DOCUMENTS.

B. CONSTRUCTION PROGRESS SCHEDULE: BAR CHARTS OR CONTRACTOR'S STANDARD COMPUTERIZED SCHEDULES, UPDATED REGULARLY, NO LESS THAN MONTHLY.

C. SCHEDULE OF VALUES: AIA FORM G703 OR APPROVED FORMAT.

D. SHOP DRAWINGS: PROVIDE FOR CUSTOM PRODUCTS & PRODUCTS NOT FULLY IDENTIFIED BY PRODUCT DATA WHEN DIRECTED TO IN CONTRACT DOCUMENTS. SHOP DRAWING REVIEW SHALL BE LIMITED TO:

1. CAPTIVE/FAIR EXHAUST HOOD, EXHAUST FAN, & MAKE-UP AIR PACKAGE

2. WALK-IN COOLER PACKAGE

3. ROOFTOP UNITS

4. DEVIATIONS FROM PROVIDED SPECIFICATIONS

5. ADDITIONAL SHOP DRAWINGS MAY BE REQUIRED UPON ARCHITECT'S REQUEST

E. PRODUCT DATA: SUBMIT NUMBER REQUIRED BY CONTRACTOR PLUS TWO FOR TENANT'S PROJECT MANAGER; INDICATE ITEM TO BE USED WHERE DATA FOR MORE THAN ONE PRODUCT OR OPTION IS INCLUDED; PROVIDE FOR EACH STOCK MANUFACTURED ITEM WHEN DIRECTED TO IN CONTRACT DOCUMENTS.

F. SAMPLES: PROVIDE SAMPLES FOR EACH TYPE OF EXPOSED FINISH, COLOR, AND TEXTURE; MINIMUM SIZE 6", MAXIMUM SIZE 12" UNLESS OTHERWISE SPECIFIED; SUBMIT ONE SAMPLE FOR ARCHITECT TO RETAIN, ONE SAMPLE FOR FIELD OFFICE, AND NUMBER REQUIRED BY CONTRACTOR WHEN DIRECTED TO IN CONTRACT DOCUMENTS.

G. MANUFACTURER'S CERTIFICATES: PROVIDE TWO WHEN DIRECTED TO IN CONTRACT DOCUMENTS.

H. COORDINATION: COORDINATE USE OF PREMISES & ACCESS TO SITE UNDER DIRECTION OF LANDLORD/TENANT; COORDINATE WORK TO ASSURE EFFICIENT & ORDERLY SEQUENCE OF INSTALLATION OF CONSTRUCTION ELEMENTS.

1. MAKE PROVISIONS FOR TENANT INSTALLED ITEMS AND FOR SEPARATE CONTRACTS.

2. VERIFY CHARACTERISTICS OF INTERRELATED OPERATING EQUIPMENT ARE COMPATIBLE; COORDINATE WORK HAVING INTERDEPENDENT RESPONSIBILITIES FOR INSTALLING, CONNECTION TO, AND PLACING SUCH EQUIPMENT IN SERVICE.

3. COORDINATE SPACE REQUIREMENTS & INSTALLATION OF MECHANICAL & ELECTRICAL WORK; CONCEAL PIPES, DUCTS, AND WIRING IN FINISHED AREAS; COORDINATE LOCATIONS OF FIXTURES & OUTLETS WITH FINISHES.

I. PROJECT MEETINGS: SCHEDULE AND ADMINISTER MEETINGS, MAKE PHYSICAL ARRANGEMENT, PREPARE AGENDA, PRESIDE AT MEETINGS AND RECORD MINUTES.

J. PROJECT PROGRESS PICTURES: PROVIDE WEEKLY PHOTOS OF PROJECT INDICATIVE OF THE PROGRESS MADE & OVERALL STAGE OF DEVELOPMENT.

SECTION 01400 - QUALITY REQUIREMENTS

A. GENERAL: MAINTAIN QUALITY CONTROL OVER SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS AND WORKMANSHIP.

B. MANUFACTURER'S FIELD SERVICES: WHEN SPECIFIED IN RESPECTIVE SPECIFICATION SECTIONS, REQUIRE MFR. OR SUPPLIER TO HAVE QUALIFIED PERSONNEL PROVIDE ON-SITE OBSERVATIONS & RECOMMENDATIONS.

1. REPRESENTATIVE SHALL:

A. OBSERVE FIELD CONDITIONS, INCLUDING CONDITIONS OF SURFACES. OBSERVE QUALITY OF WORKMANSHIP AND METHODS OF INSTALLATION.

B. PROVIDE RECOMMENDATIONS FOR INSTALLATION AND WORKMANSHIP.

C. WHERE REQUIRED, START, TEST, AND ADJUST EQUIPMENT AS APPLICABLE.

D. SUBMIT WRITTEN REPORT TO TENANT'S PROJECT MANAGER OF OBSERVATIONS.

SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS

A. GENERAL: PROVIDE TEMPORARY CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS AS REQUIRED TO COMPLETE PROJECT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND TO CONFORM WITH REQUIREMENTS OF APPLICABLE AUTHORITIES. COORDINATE REQUIREMENT WITH MALL OPERATIVES, IF APPLICABLE.

1. CONTRACT GOVERNING AUTHORITIES TO ESTABLISH EXTENT OF TEMPORARY FACILITIES AND TEMPORARY CONTROLS REQUIRED BY AUTHORITIES.

B. TEMPORARY POWER: PROVIDE POWER SERVICE & LIGHTING REQUIRED FOR OPERATIONS, WITH BRANCH WIRING & DISTRIBUTION BOXES LOCATED TO ALLOW SERVICE & LIGHTING BY MEANS OF CONSTRUCTION-TYPE POWER CORDS.

C. TEMPORARY WATER AND SANITARY SERVICES: PROVIDE AND MAINTAIN REQUIRED DRINKING WATER AND SANITARY FACILITIES WITH ENCLOSURES.

D. NOISE, DUST, AND POLLUTION CONTROL: PROVIDE MATERIALS AND EQUIPMENT NECESSARY TO COMPLY WITH LOCAL REQUIREMENTS FOR NOISE, DUST, AND POLLUTION CONTROL.

E. BARRIERS: PROVIDE AS REQUIRED TO PROTECT ADJACENT PROPERTIES FROM DAMAGE FROM OPERATIONS; AND AS REQUIRED BY GOVERNING AUTHORITIES.

F. CLEANING: CONTROL ACCUMULATION OF WASTE MATERIALS AND RUBBISH; DISPOSE OF OFF-SITE AT INTERVALS APPROVED BY TENANT'S PROJECT MANAGER AND ACCEPTABLE TO APPLICABLE AUTHORITIES.

G. SIGNS: SUBJECT TO APPROVAL OF TENANT'S PROJECT MANAGER.

H. FIELD OFFICE: PROVIDE WEATHER-TIGHT FIELD OFFICE, WITH LIGHTING, ELECTRICAL OUTLETS, HEATING, AND VENTILATING EQUIPMENT, AND EQUIPPED WITH FURNITURE.

1. TELEPHONE SERVICE: PROVIDE TELEPHONE SERVICE & FAX SERVICE TO SITE DURING ON-SITE CONSTRUCTION OPERATIONS.

2. TELEPHONE SERVICE: PROVIDE CELLULAR PHONE WITH ON-SITE PERSON IN CHARGE; PROVIDE PHONE NUMBER TO TENANT'S PROJECT MANAGER.

I. STORAGE: LIMIT ON-SITE STORAGE TO AREAS DESIGNATED FOR CONSTRUCTION OPERATIONS AND APPROVED IN WRITING IN ADVANCE BY TENANT; PROVIDE ADDITIONAL WEATHER-TIGHT, SECURED OFF-SITE STORAGE AS REQ'D.

SECTION 01600 - PRODUCT REQUIREMENTS

A. CONTRACT AMOUNT: BASE ON MATERIALS AND PRODUCTS IN CONTRACT DOCUMENTS; WHERE LISTED IN CONTRACT DOCUMENTS, MATERIALS AND PRODUCTS BY MANUFACTURERS NOT LISTED SHALL NOT BE USED WITHOUT WRITTEN APPROVAL.

B. PRODUCTS: PROVIDE NEW MATERIALS UNLESS OTHERWISE DIRECTED IN CONTRACT DOCUMENTS.

C. INSTALLATION: INSTALL ITEMS PLUMB, LEVEL AND SECURE, AND IN CORRECT RELATION TO ADJACENT PRODUCTS; SECURE IN PLACE WITH POSITIVE ANCHORAGE DEVICES DESIGNED AND SIZED TO WITHSTAND STRESSES, VIBRATION, AND RACKING.

1. COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE SPECIFIED.

D. TRANSPORTATION: TRANSPORT PRODUCTS TO AVOID PRODUCT DAMAGE, DELIVER IN UNDAMAGED CONDITION IN MANUFACTURER'S UNOPENED CONTAINERS OR PACKAGING.

E. HANDLING: PROVIDE EQUIPMENT AND PERSONNEL TO HANDLE PRODUCTS BY METHODS TO PREVENT SOILING AND DAMAGE; PROMPTLY INSPECT TO ASSURE PRODUCTS ARE CORRECT, COMPLETE, AND UNDAMAGED, AND QUANTITIES ARE CORRECT.

F. STORAGE: STORE MATERIAL IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS, WITH SEALS AND LABELS INTACT AND LEGIBLE.

G. PROTECTION: PROVIDE COVERINGS TO PROTECT PRODUCTS FROM DAMAGE FROM TRAFFIC AND CONSTRUCTION OPERATIONS; REMOVE WHEN NO LONGER NEEDED.

H. SPECIFIED PRODUCTS: FOR PRODUCTS SPECIFIED BY NAMING ONE OR MORE PRODUCTS OR MANUFACTURERS, SELECT PRODUCTS OF ANY NAMED MANUFACTURER MEETING SPECIFICATIONS.

SECTION 01630 - SUBSTITUTIONS AND PRODUCT OPTION

A. SUBSTITUTIONS AND PRODUCT OPTIONS: PROVIDE PRODUCTS INDICATED OR APPROVED; REQUESTS FOR SUBSTITUTIONS OF OTHER PRODUCTS WILL BE CONSIDERED IF SUBMITTED IN WRITING.

1. CONTRACTOR OPTIONS: PROVIDE PRODUCTS AND MANUFACTURERS NAMED IN SPECIFICATIONS, SUBMIT REQUEST FOR SUBSTITUTION FOR PRODUCTS AND MANUFACTURERS NOT SPECIFICALLY NAMED WHERE NAMES ARE LISTED.

2. SUBSTITUTIONS: CONTRACTOR SHALL INVESTIGATE PROPOSED SUBSTITUTIONS AND DETERMINE IF EQUIVALENT TO PRODUCTS SPECIFIED. SUBMITTALS SHALL INCLUDE COST OR TIME BENEFITS FOR SUBSTITUTIONS; FAILURE TO INDICATE COST OR TIME BENEFIT IS JUSTIFICATION FOR REJECTION.

3. CONTRACTOR'S REPRESENTATION: REQUESTS CONSTITUTE THAT CONTRACTOR HAS INVESTIGATED PROPOSED PRODUCTS AND DETERMINES IT MEETS OR EXCEEDS SPECIFIED PRODUCTS AND WAIVES CLAIMS FOR ADDITIONAL COSTS THAT SUBSEQUENTLY BECOME APPARENT.

4. ARCHITECT'S DUTIES: TENANT'S PROJECT MANAGER SHALL BE JUDGE OF ACCEPTABILITY AND RESERVES RIGHT TO REJECT PROPOSED SUBSTITUTIONS BASED ON INSUFFICIENT INFORMATION; USE ONLY SUBSTITUTIONS APPROVED IN WRITING. TENANT'S PROJECT MANAGER HAS THE RIGHT TO EMPLOY ARCHITECT TO EVALUATE AND APPROVE SUBSTITUTIONS.

SECTION 01700 - EXECUTION REQUIREMENTS

A. INSTALLER QUALIFICATIONS: INSTALLERS TO HAVE MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE INSTALLING ITEMS SIMILAR TO THOSE REQUIRED FOR PROJECT, EXCEPT FOR INDIVIDUALS IN TRAINING UNDER DIRECT SUPERVISION OF EXPERIENCED INSTALLER.

B. EXAMINATION: BEGINNING INSTALLATION OF A PRODUCT SIGNIFIES INSTALLER HAS EXAMINED SUBSTRATES,

AREAS, AND CONDITIONS FOR COMPLIANCE WITH MANUFACTURER REQUIREMENTS FOR TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE.

C. MANUFACTURER'S INSTRUCTIONS: WHEN WORK IS SPECIFIED TO COMPLY WITH MANUFACTURERS' RECOMMENDATIONS OR INSTRUCTIONS, DISTRIBUTE COPIES TO PERSONS INVOLVED, AND MAINTAIN ONE SET IN FIELD OFFICE.

D. INSTALLATION: COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS UNLESS MORE RESTRICTIVE REQUIREMENTS ARE SPECIFIED.

E. PROTECTION: COVER PRODUCTS SUBJECT TO DETERIORATION WITH IMPERVIOUS SHEET, PROVIDE VENTILATION TO AVOID CONDENSATION AND TRAPPING WATER.

F. CUTTING AND PATCHING: CUT AND FIT COMPONENTS AS REQUIRED; PATCH DISTURBED AREAS TO MATCH ADJACENT MATERIALS AND FINISHES.

1. REFINISHING: REFINISH ENTIRE SURFACES AS NECESSARY TO PROVIDE EVEN FINISH TO MATCH ADJACENT FINISHES; FOR CONTINUOUS SURFACES REFINISH TO NEAREST INTERSECTION, FOR AN ASSEMBLY REFINISH ENTIRE UNIT.

G. FINAL CLEANING: CLEAN INTERIOR AND EXTERIOR SURFACES EXPOSED TO VIEW, REMOVE TEMPORARY LABELS, STAINS, AND FOREIGN SUBSTANCES; POLISH TRANSPARENT AND GLOSSY SURFACES; VACUUM CARPETED AND SOFT SURFACES; CLEAN DUCTS; CLEAN SITE.

H. SUBSTANTIAL COMPLETION: PROVIDE DOCUMENTATION STATING WORK HAS BEEN SUBSTANTIALLY COMPLETED. WHERE OWNER REQUIRES USE OF SPACE PRIOR TO FINAL COMPLETION, PROVIDE LIST OF ITEMS TO BE COMPLETED.

1. TENANT'S PROJECT MANAGER WILL REVIEW LIST OF ANY ITEMS TO BE COMPLETED AND SUPPLEMENT LIST WITH ITEMS CONSIDERED TO BE INCOMPLETE OR UNACCEPTABLE.

I. FINAL COMPLETION: PROVIDE WRITTEN CERTIFICATION INDICATING WORK IS IN COMPLIANCE WITH CONTRACT DOCUMENTS, SYSTEMS HAVE BEEN TESTED AND ARE OPERATIONAL, AND WORK IS READY FOR FINAL INSPECTION.

J. PROJECT RECORD DOCUMENTS: MAINTAIN COMPLETE AND UP-TO-DATE RECORD DOCUMENTS; KEEP SEPARATE FROM FIELD DOCUMENTS. SUBMIT PROJECT RECORD DOCUMENTS, MATERIAL AND FINISH DATA, OPERATION AND INSTRUCTION MANUALS, WARRANTIES AND BONDS AT COMPLETION.

1. SUBMIT (1) COPY BOUND IN 8-1/2" X 11" THREE RING BINDERS WITH DURABLE PLASTIC COVERS. ARRANGE IN FORMAT SIMILAR TO SPECIFICATIONS.

2. SUBMIT (1) COPY IN ELECTRONIC, .PDF FORMATN ON USB STORAGE DEVICE(S) OR EQUIVALENT APPROVED BY TENANT.

K. WARRANTIES: PROVIDE WARRANTIES AS INDICATED, SIGNED BY CONTRACTOR AND MANUFACTURER; FORM AS APPROVED BY TENANT PRIOR TO EXECUTION.

1. WARRANTIES SHALL BE IN ADDITION TO AND NOT A LIMITATION OF OTHER RIGHTS TENANT MAY HAVE AGAINST CONTRACTOR UNDER CONTRACT DOCUMENTS AND AS PRESCRIBED BY LAW, REGARDLESS OF WORDING OF WARRANTY.

L. CERTIFICATE OF OCCUPANCY: OBTAIN CERTIFICATE OF OCCUPANCY SO AS NOT TO DELAY OWNER'S POSSESSION OF THE SPACE AND/OR AFFECT OPENING DATE.

SECTION 01735 - SELECTIVE DEMOLITION

A. SELECTIVE DEMOLITION: REMOVE FROM SITE EXISTING MATERIALS, CONSTRUCTION AND UTILITIES AS NEEDED TO COMPLETE PROJECT. REMOVE EXISTING ELEMENTS INDICATED AND ENCOUNTERED DURING CONSTRUCTION, AS NEEDED TO COMPLETE WORK.

1. REMOVE ONLY THOSE ELEMENTS NECESSARY FOR COMPLETION OF PROJECT, REPLACE OR REPAIR ELEMENTS UNNECESSARILY REMOVED OR DAMAGED DURING CONSTRUCTION.

2. CAREFULLY REMOVE AND STORE ITEMS INDICATED FOR REUSE IN PROJECT AND COORDINATE WITH OTHER TRADES FOR MODIFICATIONS AND REINSTALLATION.

3. PROTECTION: PREVENT MOVEMENT AND SETTLEMENT OF ADJACENT STRUCTURE; PROVIDE BRACING, SHORING, AND UNDERPINNING AS NEEDED AND BE RESPONSIBLE FOR SAFETY AND SUPPORT OF STRUCTURES. ASSUME LIABILITY FOR SUCH MOVEMENT AND SETTLEMENT.

4. UTILITIES: CONTACT APPLICABLE UTILITY COMPANIES PRIOR TO DISCONNECTING UTILITIES; DISCONTINUE WORK IF UNEXPECTED UTILITY LINES ARE ENCOUNTERED. DETERMINE LINE SOURCE AND USE PRIOR TO REMOVAL. CAP AND IDENTIFY EXISTING UTILITY LINES REMOVED.

5. TRENCHING / CORE DRILLING: TRENCH OR CORE DRILL SLAB AS SHOWN ON PLANS AFTER CONFIRMING WITH LANDLORD ANY SUB-SLAB UTILITIES OR STRUCTURE THAT MUST BE AVOIDED.

SECTION 01800 - SYSTEMS DEMONSTRATIONS

A. SUMMARY: PROJECT INCLUDES SPECIAL FACILITY START-UP PROCESS TO BRING FACILITY TO FULLY OPERATIONAL STATE, FREE OF DEFICIENCIES, IN MOST EFFICIENT AND TIMELY MANNER ACHIEVABLE.

DIVISION TWO: SITE CONSTRUCTION

SECTION 02220 - SITE DEMOLITION

A. GENERAL: REMOVAL AS SHOWN IN BALANCE OF CONSTRUCTION DRAWINGS.

B. EXECUTION: REMOVE ANY BRANCHES, LIMBS, TRUNKS, AND ROOTS TO AT LEAST 12" BELOW FINISH GRADE. PROTECT EXISTING BUILDING AND ALL EXISTING SITE FEATURES TO REMAIN, FROM DAMAGE. CONTRACTOR IS RESPONSIBLE FOR THE RESTORATION OF ANY SITE OR BUILDING FEATURES DAMAGED DURING REMOVAL WORK. DISPOSE OF ALL MATERIALS LEGALLY OFF SITE.

SECTION 02920 - SITE RESTORATION

A. GENERAL: PROVIDE INFILL AT AREA OF TREE ROOT REMOVAL AND RESTORATION OF LANDSCAPE ROCK/GRAVEL THROUGHOUT SITE.

B. MATERIALS:

1. SOIL: MIX OF INDIGENOUS SAND AND GRAVEL

2. WEED CONTROL FABRIC: NON-WOVEN POLYPROPYLENE; PROPEX INC. (AMOCO) #4530 OR APPROVED EQUAL

3. LANDSCAPE ROCK/GRAVEL: MATCH EXISTING, INCLUDING EDGING

DIVISION THREE: CONCRETE

SECTION 03300 - CAST IN PLACE CONCRETE

A. GENERAL: PROVIDE CAST IN PLACE CONCRETE FOR SLABS ON GRADE, ALONG WITH ALL REQUIRED ACCESSORIES AND CONCRETE REINFORCEMENT MATERIALS.

B. INSTALLER QUALIFICATIONS: FIRM WITH A MINIMUM 5 YEARS SUCCESSFUL EXPERIENCE, REGULARLY ENGAGED IN THE INSTALLATION OF THE SPECIFIED MATERIAL AND PROPERLY EQUIPPED.

C. PERFORM WORK IN ACCORDANCE WITH ACI 301 AND ACI 318. FOLLOW RECOMMENDATIONS OF ACI 308R WHEN CONCRETING DURING HOT WEATHER, AND ACI 308R WHEN CONCRETING DURING COLD WEATHER.

D. PROJECT RECORD DOCUMENTS: ACCURATELY RECORD ACTUAL LOCATIONS OF EMBEDDED UTILITIES AND COMPONENTS THAT WILL BE CONCEALED UPON COMPLETION OF CONCRETE WORK.

E. FORM MATERIALS: CONTRACTOR'S CHOICE OF STANDARD PRODUCTS WITH SUFFICIENT STRENGTH TO WITHSTAND HYDROSTATIC HEAD WITHOUT DISTORTION.

F. REINFORCEMENT MATERIALS AND ACCESSORIES:

1. REINFORCING STEEL: DEFORMED BILLET-STEEL BARS, ASTM A615/A615M GRADE 60.

2. STEEL WELDED REINFORCEMENT: FLAT SHEETS WITH MESH SIZE AND WIRE GAUGE AS NOTED ON DRAWINGS, ASTM A185/A185M.

3. ACCESSORIES: THE WIRE (ANNEALED 16 GA. MIN.), CHAIRS, BAR SUPPORTS, SPACERS TO BE SIZED AND SHAPED FOR ADEQUATE SUPPORT OF REINFORCING MATERIAL DURING CONCRETE PLACEMENT.

G. CONCRETE MATERIALS: CEMENT ASTM C150, TYPE I. NORMAL PORTLAND TYPE. NOMINAL MAX. AGGREGATE SIZE FOR SLABS IS 3", FLY ASH (ASTM C618) CLASS C OR F, AND CLEAN WATER.

H. ACCESSORY MATERIALS:

1. RETARDING ADMIXTURE: ASTM C494/C494M TYPE B.

2. UNDERSLAB VAPOR RETARDER: MULTI-LAYER REINFORCED POLYETHYLENE COMPLYING WITH ASTM E1745, CLASS B, WHERE INDICATED ON DRAWINGS.

3. MOISTURE RETAINING COVER: ASTM C171 - REGULAR CURING PAPER.

4. LIQUID CURING COMPOUND: ASTM C309, TYPE 1, CLEAR OR TRANSLUCENT.

I. CONCRETE MIX DESIGN FOR SLABS ON GRADE: COMPRESSIVE STRENGTH OF 4,000 PSI @ 48 HOURS, FLY ASH CONTENT - 50% MAX., MAX. AGGREGATE SIZE IS 3", SLUMP LIMIT 3-4 INCHES, AIR CONTENT 0%.

J. COORDINATE PLACEMENT OF EMBEDDED ITEMS WITH ERECTION OF CONCRETE FORMWORK, PLACEMENT OF FORM, REINFORCEMENT ACCESSORIES, AND CONCRETE PLACEMENT.

K. INSTALL REINFORCEMENT WITH NOT LESS THAN MINIMUM COVERAGE REQUIRED FOR PROTECTION, WELDED WIRE REINFORCEMENT TO BE INSTALLED IN MAX. LENGTHS POSSIBLE WITH OFFSET END LAPS IN BOTH DIRECTIONS AND TIIE WIRED TOGETHER.

L. PLACE CONCRETE FLOOR SLABS IN ACCORDANCE WITH ACI 302.1R, ENSURE REINFORCEMENT, INSERTS, ETC. WILL NOT BE DISTURBED DURING CONCRETE PLACEMENT. PLACE CONCRETE CONTINUOUSLY BETWEEN PREDETERMINED EXPANSION, CONTROL AND CONSTRUCTION JOINTS. DO NOT ALLOW COLD JOINTS TO OCCUR. VIBRATE TO ELIMINATE AIR POCKETS, ETC.

M. SCREED FLOORS AND SLABS ON GRADE LEVEL, MAINTAINING A SURFACE FLATNESS OF MAXIMUM 1/8" INCH IN 10 FT.

N. FINISH CONCRETE SLAB TO FINISH REQUIREMENT OF ACI 302.1R - STEEL TROWEL SURFACES TO A FLUSH, LEVEL, AND SMOOTH FINISH AS REQUIRED TO ACCEPT NEW FLOOR FINISHES SPECIFIED.

O. CURING AND PROTECTION: COMPLY WITH REQUIREMENTS OF ACI 308. IMMEDIATELY AFTER PLACEMENT, PROTECT CONCRETE FROM PREMATURE DURING, EXCESSIVE TEMPERATURES, AND MECHANICAL INJURY.

SECTION 03540 - CEMENTITIOUS UNDERLAYMENT

A. GENERAL: PROVIDE POURED CEMENTITIOUS UNDERLAYMENT SYSTEM, NOT INTENDED AS FINISHED TRAFFIC SURFACE, INCLUDING ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. INSTALLER: FIRM WITH MINIMUM 5 YEARS SUCCESSFUL EXPERIENCE, REGULARLY ENGAGED IN INSTALLATION OF SPECIFIED MATERIALS, PROPERLY EQUIPPED AND ACCEPTABLE TO MANUFACTURER.

C. SUBMITTALS: FURNISH MANUFACTURER'S LITERATURE.

D. MANUFACTURER: ARDEX, INC./K-15; W.R.BONSAI CO./SELF-LEVELING WEAR TOPPING.

E. SYSTEM: POURABLE CEMENTITIOUS, HIGH-STRENGTH, FAST-SETTING, NON-SHRINK, SELF-LEVELING UNDERLAYMENT; MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, ASTM C349.

F. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.

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| DIVISION FIVE: METALS | |
| SECTION 05500 - METAL FABRICATIONS | |
| A. GENERAL: PROVIDE MISCELLANEOUS METAL SHAPES AND FABRICATIONS AS REQUIRED AND NOT INCLUDED AS PART OF OTHER SECTIONS, WITH ANCHORS AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION. | |
| B. SUBMITTALS: FURNISH SHOP DRAWINGS FOR CUSTOM FABRICATIONS, PRODUCT DATA FOR MANUFACTURED ITEMS, PROVIDE TEMPLATES FOR ANCHOR INSTALLATION BY OTHERS. | |
| C. STEEL SHAPES: ASTM A36 STEEL. | |
| D. GROUT: PROVIDE NON-SHRINK, NON-METALLIC, PRE-MIXED, FACTORY PACKAGED, NON-STAINING, NON-CORROSIVE, NON-GASEOUS GROUT; TYPE SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED. | |
| E. FASTENERS AND ROUGH HARDWARE: TYPE REQUIRED FOR SPECIFIC USAGE; PROVIDE ZINC-COATED FASTENERS FOR EXTERIOR USE OR WHERE BUILT INTO INTERIOR WALLS. | |
| F. WELDING MATERIALS: ASWS D1.1 TYPE REQUIRED FOR MATERIALS BEING WELDED. | |
| G. PAINT: PROVIDE PRIMERS AS RECOMMENDED BY PAINT MANUFACTURERS FOR SUBSTRATES AND PAINTS SPECIFIED IN SECTION 09900 - PAINTING. | |
| 1. GALVANIZING REPAIR PAINT: HIGH ZINC-DUST CONTENT PAINT FOR REGALVANIZING WELDS IN GALVANIZED STEEL. | |
| H. FABRICATION: FABRICATE ITEMS WITH JOINTS NEATLY FITTED AND PROPERLY SECURED; GRIND EXPOSED WELDS CONTINUOUS, SMOOTH AND FLUSH WITH ADJACENT FINISHED SURFACES, AND EASE EXPOSED EDGES TO APPROXIMATE 1/32" UNIFORM RADIUS. | |
| 1. MAKE EXPOSED JOINTS FLUSH BUTT TYPE, HAIRLINE JOINTS WHERE MECHANICALLY FASTENED. | |
| 2. FIT AND SHOP ASSEMBLE IN LARGEST PRACTICAL SECTIONS FOR DELIVERY. | |
| I. FINISHES: GALVANIZE AND PRIME PAINT EXTERIOR MISCELLANEOUS METAL, PRIME PAINT INTERIOR MISCELLANEOUS METAL; GALVANIZE COATING MINIMUM G90 COATING, GALVANIZED AFTER FABRICATION. | |
| 1. CLEAN SURFACES OF RUST, SCALE, GREASE AND FOREIGN MATTER PRIOR TO APPLYING GALVANIZED OR PAINTED FINISH. | |
| J. INSTALLATION: INSTALL ITEMS SQUARE AND LEVEL, ACCURATELY FITTED AND FREE FROM DISTORTION OR DEFECTS DETRIMENTAL TO APPEARANCE OR PERFORMANCE; ENSURE ALIGNMENT WITH ADJACENT CONSTRUCTION; COORDINATE WITH RELATED WORK TO ENSURE NO INTERRUPTION IN INSTALLATION. | |
| 1. SUPPLY ITEMS REQUIRING TO BE CAST INTO OR EMBEDDED IN OTHER MATERIALS TO APPROPRIATE TRADES. | |
| 2. AFTER INSTALLATION, TOUCH-UP FIELD WELDS AND SCRATCHED AND DAMAGED SURFACES; USE PRIMER CONSISTENT WITH SHOP COAT OR RECOMMENDED FOR GALVANIZED SURFACES, AS APPLICABLE. | |
| SECTION 05 5000 - MISCELLANEOUS METALS | |
| A. GENERAL: SHOP FABRICATED STEEL AND ALUMINUM ITEMS. | |
| B. SUBMITTALS: PROVIDE SHOP DRAWINGS FOR ALL STOCK AND FABRICATED MISCELLANEOUS METAL ITEMS REQUIRED FOR THE PROJECT. | |
| C. STANDARDS: | |
| 1. AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. | |
| 2. AWS STRUCTURAL WELDING CODE. | |
| D. MATERIALS: | |
| 1. PLATES: ASTM A283. | |
| 2. STEEL PIPE: ASTM A53/A53M, GRADE B SCHEDULE 40, BLACK FINISH. | |
| 3. ALUMINUM: CLASS I NATURAL ANODIZED - CLEAR | |
| 4. BOLTS, NUTS, AND WASHERS: ASTM A325 (ASTM A325M), TYPE 1, PLAIN | |
| 5. LADDERS: STEEL; IN COMPLIANCE WITH ANSI A14.3; WITH MOUNTING BRACKETS AND ATTACHMENTS; PRIME PAINT FINISH. | |
| 6. SIDE RAILS: 3/8" X 2" MEMBERS SPACED AS INDICATED ON DRAWINGS | |
| 7. RUNGS: 3/4" SQUARE SOLID BAR SPACED 12" ON CENTER. | |
| 8. SPACE RUNGS 6" FROM WALL SURFACE. | |
| E. INSTALLATION: | |
| 1. VERIFY THAT FIELD CONDITIONS ARE ACCEPTABLE AND ARE READY TO RECEIVE WORK. | |
| 2. INSTALL ITEMS PLUMB AND LEVEL, ACCURATELY FITTED, FREE FROM DISTORTION OR DEFECTS. | |
| 3. PRIME PAINT STEEL ITEMS SAFETY YELLOW | |
| 4. EXCEPTIONS: DO NOT PRIME SURFACES WHERE FIELD WELDING IS REQUIRED. | |
| DIVISION SIX: WOOD AND PLASTICS | |
| SECTION 06105 - MISCELLANEOUS ROUGH CARPENTRY | |
| A. GENERAL: PROVIDE MISCELLANEOUS BLOCKING AND PLYWOOD. | |
| B. STANDARDS: COMPLY WITH REQUIREMENTS OF AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC), AMERICAN PLYWOOD ASSOCIATION (APA), AND APPLICABLE CODE REQUIREMENTS. | |
| C. BLOCKING: COMPLY WITH PS 20: GRADED BY AN AGENCY CERTIFIED BY NATIONAL FOREST PRODUCTS ASSOCIATION (NFPA) AND OF TYPE RECOMMENDED FOR APPLICATION INVOLVED; DOUGLAS FIR OR SOUTHERN PINE; MINIMUM CONSTRUCTION GRADE S-DRY. | |
| D. PLYWOOD: PROVIDE MINIMUM APA C-0 EXTERIOR (CDX) PLYWOOD; STRESS RATED WHERE SPANNING SUPPORTING MEMBERS; FIRE RETARDANT TREATED; MINIMUM 3/4" THICK UNLESS OTHERWISE INDICATED, IN OTHER THAN TYPE V BUILDINGS (SEE A0.0). | |
| 1. PLYWOOD STANDARD: COMPLY WITH PS1 (ANSI A199.1). | |
| 2. PLYWOOD PANEL BOARDS: PROVIDE PANEL BOARDS FOR ELECTRICAL AND COMMUNICATION PANEL BOARDS; APA C-D PLUGGED, INTERIOR TYPE PLYWOOD WITH EXTERIOR GLUE, FIRE RETARDANT TREATED; MINIMUM 1/2" THICK. | |
| E. TREATED WOOD: PRESSURE TREAT WOOD IN CONTACT WITH CONCRETE AND WITH ROOFING; FIRE TREAT WOOD CONCEALED IN INTERIOR; FIRE TREAT BLOCKING AT ROOFING WHERE REQUIRED BY APPLICABLE AUTHORITIES. | |
| 1. PRESSURE TREATED: WATER-BORNE PRESERVATIVES FOR ABOVE GROUND USE CONFORMING TO AWP A C2 AND C9. | |
| 2. FIRE TREATED: CONFORM TO AWP A C20 AND C27, INTERIOR TYPE A AT INTERIOR APPLICATIONS; PASS ASTM D2898 RAIN TEST WHERE AT EXTERIOR WALLS AND ROOF; IDENTIFY WITH FRTW. | |
| 3. KILN-DRY TREATED WOOD TO 19 % MOISTURE CONTENT AND DISCARD WARPED AND DAMAGED PIECES. | |
| F. FASTENERS: PROVIDE FASTENERS AS REQUIRED FOR COMPLETE, SECURE INSTALLATION OF MISCELLANEOUS ROUGH CARPENTRY; GALVANIZED AT EXTERIOR LOCATIONS AND PRESSURE TREATED WOOD; SIZE AND TYPE TO SUIT APPLICATION; PROVIDE WASHERS FOR NUTS AND BOLTS. | |
| G. INSTALLATION: COMPLY WITH REFERENCED STANDARDS AND APPLICABLE CODE REQUIREMENTS. | |
| 1. PLYWOOD: COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWOOD ASSOCIATION (APA) FOR FABRICATION AND INSTALLATION OF PLYWOOD WORK. | |
| 2. PLACE MISCELLANEOUS ROUGH CARPENTRY TRUE TO LINES AND LEVELS. | |
| 3. CORRELATE LOCATION SO ATTACHED WORK WILL COMPLY WITH DESIGN REQUIREMENTS AND BE PROPERLY LOCATED. | |
| 4. CONSTRUCT MEMBERS OF CONTINUOUS PIECES OF LONGEST POSSIBLE LENGTHS. | |
| 5. FIT CARPENTRY WORK TO OTHER WORK; SCRIBE AND COPE AS REQUIRED FOR ACCURATE FIT. | |
| 6. SECURELY ATTACH CARPENTRY WORK TO SUBSTRATES BY ANCHORING AND FASTENING AS REQUIRED BY RECOGNIZED STANDARDS. | |
| 7. PROVIDE WASHERS UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD. | |
| SECTION 06200 - FINISH CARPENTRY | |
| A. GENERAL: PROVIDE WOOD TRIM, MISCELLANEOUS ITEMS, AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION. | |
| B. STANDARDS: CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI)/QUALITY STANDARDS "MANUAL OF MILLWORK" STANDARDS; MINIMUM WIC/CUSTOM GRADE. | |
| C. SUBMITTALS: FURNISH PRODUCT DATA FOR MANUFACTURED ITEMS, SHOP DRAWINGS FOR CUSTOM ITEMS, SAMPLES OF EACH EXPOSED FINISH. | |
| D. CERTIFICATION: CERTIFICATION WILL NOT BE REQUIRED. | |
| E. MANUFACTURER: TO BE DETERMINED | |
| F. DELIVERY, STORAGE AND HANDLING: COMPLY WITH AWI STANDARDS AND MANUFACTURER RECOMMENDATIONS. | |
| G. WOOD TRIM: PREMIUM GRADE FOR OPAQUE PAINT FINISH; WHITE BIRCH OR POPLAR UNLESS OTHERWISE INDICATED. | |
| H. WOOD SHELVING: AWI OR WIC/CUSTOM GRADE, PARTICLE BOARD, OR HARDWOOD-EDGED PLYWOOD. | |
| I. ANCHORS, NAILS AND SCREWS: SELECT THE MATERIAL, TYPE, SIZE AND FINISH REQUIRED BY EACH SUBSTRATE FOR SECURE ANCHORAGE; PROVIDE TOOTHED STEEL OR LEAD EXPANSION BOLT SCREWS FOR DR | |

SECTION 06400 - ARCHITECTURAL WOODWORK

A. INSTALL TENANT FURNISHED CASEWORK AND COUNTERTOPS INDICATED TO BE TENANT FURNISHED AND PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. STANDARDS: CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI)/QUALITY STANDARDS "MANUAL OF MILLWORK" STANDARDS; MINIMUM PREMIUM GRADE.

C. SUBMITTALS: FURNISH PRODUCT DATA FOR CONTRACTOR FURNISHED ACCESSORIES INCLUDING SAMPLES OF EXPOSED MATERIALS.

D. STORAGE AND HANDLING: COMPLY WITH MANUFACTURER RECOMMENDATIONS.

E. ACCESSORIES: PROVIDE AS INDICATED AND AS REQUIRED TO INSTALL ARCHITECTURAL WOODWORK AS INDICATED; COORDINATE ACCESSORIES REQUIRED FOR INSTALLATION OF OWNER FURNISHED ARCHITECTURAL WOODWORK NOT FURNISHED WITH ARCHITECTURAL WOODWORK.

F. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND REFERENCED STANDARDS. TAKE SPECIAL CARE COORDINATING INSTALLATION OF OWNER FURNISHED ARCHITECTURAL WOODWORK WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.

1. INSTALL WORK CONSISTENT WITH SPECIFIED QUALITY GRADE, PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTIONS.
2. SCRIBE AND CUT FOR ACCURATE FIT TO OTHER FINISHED WORK.
3. ENSURE MECHANICAL AND ELECTRICAL ITEMS AFFECTING ARCHITECTURAL WOODWORK ARE PROPERLY PLACED, COMPLETE, AND HAVE BEEN INSPECTED TENANT'S PROJECT MANAGER PRIOR TO INSTALLATION OF WOODWORK. SECURE WORK TO GROUNDS, STRIPPING AND BLOCKING WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR A COMPLETE INSTALLATION.
4. SCRIBE AND CUT FOR ACCURATE FIT TO OTHER FINISHED WORK.
5. ATTACH ARCHITECTURAL WOODWORK SECURELY IN PLACE WITH UNIFORM JOINTS PROVIDING FOR THERMAL AND BUILDING MOVEMENTS.
6. ACCEPTABLE TOLERANCES:

G. VARIATION FROM TRUE POSITION: MAXIMUM 1/16" AT ANY POSITION AND MAXIMUM 1/8" IN ANY 10'-0" LENGTH.

H. ADJOINING SURFACES OF SAME MATERIAL: NO VARIATION PERMITTED.

DIVISION SEVEN: THERMAL AND MOISTURE PROTECTION

SECTION 07210 - INSULATION

A. GENERAL: PROVIDE THERMAL INSULATION WITH ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

1. INSULATION INTEGRAL WITH ROOFING REPAIRS IS PROVIDED WITH ROOFING, AND ACOUSTICAL INSULATION IS PROVIDED WITH GYPSUM BOARD ASSEMBLIES.

B. THERMAL BATT INSULATION: OWENS CORNING/F5-25, USG/THERMAFIBER F525, OR JOHNS MANVILLE/FSK-25; FOIL FACED VAPOR RETARDER FACED, VAPOR RETARDER TOWARD INSIDE.

1. THICKNESS/R-VALUE: AS INDICATED ON DRAWINGS.

C. ACCESSORIES: PROVIDE TAPE OR PENETRATION ANCHORS WHERE REQUIRED TO ENSURE PERMANENT INSTALLATION.

D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS.

SECTION 07212 - K-13 SPRAY-ON SYSTEM

A. GENERAL: PROVIDE SPRAYED CELLULOSE ACOUSTICAL INSULATION. ROOF PENETRATIONS AND ITEMS INCLUDING CLIPS, HANGERS, SUPPORTS, SLEEVES AND OTHER ATTACHMENTS TO SPRAY BASES ARE TO BE PLACED BY OTHER TRADES PRIOR TO THE APPLICATION OF SPRAYED INSULATION. DUCTS, PIPING, CONDUIT OR OTHER SUSPENDED EQUIPMENT SHALL NOT BE POSITIONED UNTIL AFTER THE APPLICATION OF THE SPRAYED INSULATION.

B. QUALITY ASSURANCE: MANUFACTURER MUST HAVE A CURRENT UNDERWRITERS LABORATORIES (UL) CODE EVALUATION REPORT, BE ISO 9001:2008 CERTIFIED, AND BE IN COMPLIANCE WITH THE CURRENT INTERNATIONAL BUILDING CODE. APPLICATOR IS TO BE LICENSED BY THE MANUFACTURER AND THE MANUFACTURER MUST SUBSCRIBE TO INDEPENDENT LABORATORY FOLLOW-UP INSPECTION SERVICES OF UL AND FACTORY MUTUAL.

C. SUBMITTALS: APPLY A 100 SQUARE FOOT REPRESENTATIVE SAMPLE TO BE REVIEWED BY THE ARCHITECT AND TENANT PRIOR TO PROCEEDING. PRODUCT DATA SHALL INCLUDE MANUFACTURER'S WRITTEN CERTIFICATION THAT THE PRODUCT CONTAINS NO ASBESTOS, FIBERGLASS, OR OTHER MAN-MADE MINERAL FIBERS ALONG WITH A COPY OF THE MANUFACTURER'S ISO 9001:2008 CERTIFICATION AND MAY NOT CONTAIN ANY ADDED UREA-FORMALDEHYDE RESINS. SUBMIT PRODUCT DATA THAT THE PRODUCT MEETS OR EXCEEDS THE FOLLOWING SPECIFIED REQUIREMENTS.

1. BOND STRENGTH SHALL BE GREATER THAN 100 PSF PER ASTM E 736
2. PRODUCT SHALL BE CLASS 1 CLASS A PER ASTM E 84 / UL 723
3. NON-CORROSIVE PER ASTM C 739
4. BOND DEFLECTION PER ASTM E 759: 6" DEFLECTION IN 10' SPAN - NO SPALLING OR DELAMINATION
5. R-VALUE TO BE 3.75 PER INCH PER ASTM C518
6. COMPLY WITH IBC 803.3/2009 IBC 803.10 STABILITY REQUIREMENTS FOR INTERIOR FINISHES
7. MEET ASTM C 1149

D. ACCEPTABLE MANUFACTURERS: INTERNATIONAL CELLULOSE CORPORATION OR APPROVED EQUAL.

D. MATERIALS: K-13 SPRAY-ON SYSTEMS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODE REQUIREMENTS. COLOR AS INDICATED ON PLANS. MATERIAL TO HAVE BEEN TESTED IN ACCORDANCE WITH ASTM E 1042 AND LABORATORY MUST BE NVLAP ACCREDITED.

E. EXECUTION: EXAMINE SURFACES AND REPORT UNSATISFACTORY CONDITIONS IN WRITING AND DO NOT PROCEED UNTIL CONDITIONS ARE CORRECTED. VERIFY SPRAY INSULATION TO DETERMINE IF PRIMUM/SEALING IS REQUIRED TO INSURE BONDING AND/OR TO PREVENT DISCOLORATION CAUSED BY MIGRATORY STAINS. PREPARE SURFACE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

F. INSTALLATION: INSTALL SPRAY APPLIED INSULATION ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. SPRAY APPLIED INSULATION TO ACHIEVE AN AVERAGE NRC OF 1.05, APPLIED AT 1.50 INCHES THICK. CURE INSULATION WITH CONTINUOUS NATURAL OR MECHANICAL VENTILATION. REMOVE AND DISPOSE OF OVER-SPRAY.

SECTION 07560 - ROOF REPAIRS

A. GENERAL: REPAIR EXISTING ROOFING SYSTEM AS REQUIRED FOR NEW CONSTRUCTION, WITH COMPONENTS AND ACCESSORIES AS REQUIRED FOR COMPLETE WEATERTIGHT INSTALLATION. G.C. TO USE LANDLORD'S ROOFING CONTRACTOR.

B. STANDARDS: CONFORM TO NATIONAL ROOFING CONTRACTOR'S ASSOCIATION ROOFING AND WATERPROOFING MANUAL, 4TH OR 5TH EDITION.

C. WARRANTY: PROVIDE FOR CORRECTING FAILURE OF ROOF REPAIRS TO RESIST PENETRATION OF WATER AND DAMAGE FROM WIND; WARRANTY PERIOD OF TWO YEARS.

D. ROOFING SYSTEM: MATCH EXISTING ROOFING, NO SUBSTITUTIONS PERMITTED; PROVIDE MATERIALS CAPABLE OF MAINTAINING EXISTING WARRANTIES; CONFORM TO REQUIREMENTS OF NRCA ROOFING MANUAL.

1. SYSTEM: PROVIDE COMPLETE SYSTEM WITH ACCESSORIES AS REQUIRED FOR REPAIRS, INCLUDING INSULATION WHERE EXISTING ROOFING IS INSULATED.

E. ROOF SYSTEM REPAIRS: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS AND NRCA RECOMMENDATIONS FOR ROOF TYPE SPECIFIED.

1. REMOVE EXISTING ROOFING AS REQUIRED FOR PROJECT; REMOVE ONLY AS MUCH ROOFING AS CAN BE REPLACED IN SAME DAY UNLESS OTHERWISE APPROVED IN ADVANCE BY ARCHITECT.
2. INSPECT SUBSTRATES AND ROOF DECK TO ENSURE SUBSTRATES AND DECK ARE CLEAN AND SMOOTH, FREE OF DEPRESSIONS, WAVES OR PROJECTIONS, AND ARE PROPERLY SLOPED TO DRAINS, VALLEY, OR EAVES.
3. INSULATION APPLICATION: ATTACH INSULATION IN ACCORDANCE WITH INSULATION MANUFACTURER'S INSTRUCTIONS AND NRCA RECOMMENDATIONS FOR INSTALLATION OF INSULATION ON DECK INVOLVED.
4. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF COMPOSITION TYPE BASE, WALL AND FIELD FLASHINGS.
5. COORDINATE METAL FLASHINGS AND COUNTERFLASHING.
6. COORDINATE INSTALLATION OF ROOF DRAINS AND RELATED FLASHINGS.
7. MOP IN AND SEAL FLASHINGS AND FLANGES OF ITEMS PROJECTING THROUGH MEMBRANE.

F. MAINTAIN ANY EXISTING ROOFING SYSTEM WARRANTIES.

SECTION 07600 - FLASHING AND SHEET METAL

A. GENERAL: PROVIDE FLASHING AND SHEET METAL, REGLETS, AND ACCESSORIES AS REQUIRED FOR A COMPLETE, WEATERTIGHT INSTALLATION.

B. STANDARDS: CONFORM TO SMACNA "ARCHITECTURAL SHEET METAL MANUAL" REQUIREMENTS FOR FLASHING AND SHEET METAL.

C. DESIGN REQUIREMENTS: ALLOW FOR MOVEMENT OF COMPONENTS WITHOUT CAUSING BUCKLING, FAILURE OF JOINT SEALS, UNDUE STRESS ON FASTENERS OR OTHER DETRIMENTAL EFFECTS, WHEN SUBJECT TO 100 YEAR SEASONAL TEMPERATURE RANGES.

D. SUBMITTALS: FURNISH PRODUCT DATA FOR MANUFACTURED PRODUCTS.

E. WARRANTY: CORRECT FAILURE OF METAL FLASHING SYSTEM TO RESIST PENETRATION OF WATER AND DAMAGE FROM WIND; WARRANTY PERIOD TWO YEARS.

F. FLASHING AND SHEET METAL: MATCH EXISTING, BUT NOT LESS THAN FOLLOWING:

1. GALVANIZED METAL FLASHING: ASTM A653/A653M GALVANIZED STEEL WITH MINIMUM 0.02 COPPER, AND WITH MINIMUM G90/Z275 GALVANIZED COATING; MINIMUM 24 GAGE.
2. PREFINISHED METAL FLASHING: 24 GAGE GALVANIZED STEEL WITH FACTORY FINISHED KYNAR 500 TYPE FLUOROPOLYMER COATING AND STRIPPABLE PROTECTIVE FILM; COLOR AS SELECTED FROM MANUFACTURER'S FULL RANGE OF COLORS.
3. ALUMINUM FLASHING: ASTM B209, ALLOY AS REQUIRED TO MATCH FINISH SPECIFIED FOR OTHER ALUMINUM COMPONENTS; THICKNESS MINIMUM 0.050" AT FLASHINGS.
4. STAINLESS STEEL SHEET METAL: ASTM A666, 2D ANNEALED FINISH, SOFT TEMPER EXCEPT WHERE HARDER TEMPER IS REQUIRED FOR FORMING OR PERFORMANCE; 0.015" (28 GAGE) TYPICAL.

5. COPPER SHEET METAL: ASTM B370, COLD ROLLED 16 OZ. (0.0216") THICK; SOFT TEMPER WHERE REQUIRED FOR FORMING.
- G. REGLETS: FRV/SPRINGLOK OR MM SYSTEMS/SNAP-TITE REGLETS; FABRICATE OF SAME METAL AS ADJACENT FLASHING AND SHEET METAL.
- H. METAL TO METAL SEALANT: BUTYL TYPE; NON-STAINING, NON-CORROSIVE, NON-SHRINKING, NON-SAGGING, ULTRA-VIOLET AND OZONE RESISTANT.
- I. INSTALLATION: COMPLY WITH SMACNA MANUAL.
 1. INSTALL METAL FLASHING AND SHEET METAL IN ACCORDANCE WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL; TIGHT IN PLACE, WITH CORNERS SQUARE, SURFACES TRUE AND STRAIGHT IN PLANES, AND LINES ACCURATE TO PROFILES AS INDICATED ON DRAWINGS.
 2. INSTALL SEALANTS WHERE REQUIRED TO PREVENT DIRECT WEATHER PENETRATION.
 3. COMPLETED INSTALLATION SHALL BE FREE OF RATTLES, NOISE DUE TO THERMAL AND AIR MOVEMENT, AND WIND WHISTLES.

SECTION 07810 - PATCHING EXISTING FIREPROOFING

A. GENERAL: PATCH EXISTING FIREPROOFING AS REQUIRED BY APPLICABLE CODES FOR CONSTRUCTION TYPE; NO ASBESTOS PERMITTED.

B. DESIGN REQUIREMENTS: PROVIDE MATERIALS CAPABLE OF ATTAINING FIRE RATINGS AS REQUIRED FOR CONSTRUCTION TYPE.

C. PERFORMANCE REQUIREMENTS: PROVIDE MATERIALS LISTED BY U.L. OR INDEPENDENT TESTING AND INSPECTION AGENCY ACCEPTABLE TO APPLICABLE AUTHORITIES.

1. FIRE RESISTANCE RATINGS: COMPLY WITH REQUIRED RATINGS BASED ON TESTS IN ACCORDANCE WITH ASTM E119.
2. SURFACE BURNING CHARACTERISTICS: MAXIMUM 25 FLAME SPREAD AND 25 SMOKE DENSITY WHEN TESTED IN ACCORDANCE WITH ASTM E84.

D. CERTIFICATE: SUBMIT MANUFACTURER CERTIFICATION INDICATING APPLICATOR ACCEPTABILITY AND MATERIAL COMPLIANCE WITH APPLICABLE CODES AND CONTRACT DOCUMENTS.

1. CERTIFICATION SHALL INDICATE NEW MATERIALS USED TO PATCH EXISTING FIREPROOFED MEMBERS AT NEW AND EXISTING WORK ARE COMPATIBLE WITH EXISTING FIREPROOFING MATERIALS AND MEET ALL PERFORMANCE REQUIREMENTS.

E. QUALIFICATION OF APPLICATOR: FIRM ACCEPTABLE TO MANUFACTURER OF FIREPROOFING MATERIALS, WITH MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE ON PROJECTS OF SIMILAR SCOPE.

F. MANUFACTURERS/PRODUCTS: MATCH EXISTING BUT NOT LESS THAN W.R. GRACE/MONOKOTE OR EQUAL.

G. INSTALLATION: INSTALL IN ACCORDANCE MANUFACTURER RECOMMENDATIONS AND FIRE TEST RESULTS AS REQUIRED TO PROVIDE REQUIRED FIRE RATINGS.

1. PROTECT ADJACENT SURFACES AND EQUIPMENT FROM DAMAGE BY OVERSPRAY, FALLOUT, AND DUSTING; MASK ADJACENT WORK AS REQUIRED. CLOSE OFF AND SEAL DUCT WORK IN AREAS WHERE FIREPROOFING IS BEING APPLIED.
2. CLEAN SUBSTRATE OF DIRT, DUST, GREASE, OIL, LOOSE MATERIAL, PAINTS, PRIMERS, AND OTHER MATTER WHICH AFFECTS BOND OF SPRAYED FIREPROOFING.
3. APPLY FIREPROOFING IN SUFFICIENT THICKNESS AND DENSITY TO ACHIEVE REQUIRED FIRE RATINGS.
4. APPLY FIREPROOFING OVER SUBSTRATE, BUILDING TO REQUIRED THICKNESS WITH AS MANY PASSES OR STAGES NECESSARY TO COVER WITH MONOLITHIC BLANKET OF UNIFORM DENSITY AND TEXTURE.

SECTION 07840 - FIRESTOPPING

A. GENERAL: PROVIDE PENETRATION-TYPE FIRESTOPPING FOR TIME-RATED FLOOR, WALL, AND PARTITION ASSEMBLIES CAPABLE OF PREVENTING PASSAGE OF FLAME, SMOKE AND HOT GASES.

B. CODES: CONFORM TO APPLICABLE CODE REQUIREMENTS FOR BOTH F AND D RATINGS.

C. STANDARDS: PASS ASTM E814 THROUGH-PENETRATION FIRE STOPS, ASTM E119 FIRE TESTS AND ASTM E84 FLAME SPREAD/SMOKE CONTRIBUTION MAXIMUM 25/25.

D. MANUFACTURERS: 3M/FIRE BARRIER, HILT/FIRESTOP SYSTEMS, OR APPROVED EQUAL.

E. GENERAL: CHOOSE PRODUCTS AND METHODS MEETING APPLICABLE CODES AND SPECIFICATION REQUIREMENTS FOR EACH FIRESTOPPING APPLICATION, SUBJECT TO ARCHITECT'S ACCEPTANCE.

F. FIRESTOPPING MATERIALS: FURNISH MATERIALS FOR PENETRATIONS IN TIME-RATED FLOOR, WALL, AND PARTITION ASSEMBLIES CAPABLE OF PREVENTING PASSAGE OF FLAME, SMOKE, AND HOT GASES.

1. PENETRATION TEST: FURNISH MATERIALS PASSING ASTM E814 FOR PENETRATION FIRE STOPPING INDICATING MAINTENANCE OF TIME-RATED ADJACENT ASSEMBLIES.
2. FIRESTOPPING: MAINTAIN FIRE RATING OF ASSEMBLY IN WHICH FIRESTOPPING IS INSTALLED, SUCH AS FLOOR, PARTITION, OR WALL, IN ACCORDANCE WITH ASTM E119 TESTS.

G. INSTALLATION: INSTALL IN ACCORDANCE MANUFACTURER RECOMMENDATIONS AND FIRE TEST RESULTS AS REQUIRED TO PROVIDE REQUIRED FIRE RATINGS.

1. FIELD INSPECTIONS: MAINTAIN COPY OF MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS AT EACH WORK AREA.

SECTION 07900 - JOINT SEALERS

A. GENERAL: PROVIDE EXTERIOR AND INTERIOR JOINT SEALERS NOT PROVIDED ELSEWHERE; TYPE SUITABLE FOR APPLICATION INDICATED, IN PARTICULAR IN KITCHEN AREAS COMPLYING WITH CURRENT HEALTH CODE, WITH ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. INSTALLER QUALIFICATIONS: FIRM WITH MINIMUM FIVE YEAR'S SUCCESSFUL EXPERIENCE ON PROJECTS OF SIMILAR TYPE AND SIZE, USING SPECIFIED PRODUCTS.

C. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES OF EXPOSED JOINT SEALERS IN REQUIRED COLORS.

D. WARRANTY: REPAIR OR REPLACE JOINT SEALERS WHICH FAIL TO PERFORM AS INTENDED, BECAUSE OF LEAKING, CRUMBLING, HARDENING, SHRINKAGE, BLEEDING, SAGGING, STAINING AND LOSS OF ADHESION; WARRANTY PERIOD TWO YEARS.

E. EXTERIOR NON-TRAFFIC JOINTS: GE/SILPRUF, DOW/790-795, OR PECORA/854, LOW MODULUS SILICONE SEALANT.

F. TRAFFIC BEARING JOINTS: MAMECO/VULKEM 245, OR PECORA/NR-200 UREXPAN, MULTI-COMPONENT POLYURETHANE, SELF-LEVELING JOINT SEALER.

G. INTERIOR INTERIOR JOINT SEALER: PECORA/AC-20 OR SONNEBORN/SONOLAC, ACRYLIC OR LATEX EMULSION.

H. MISCELLANEOUS MATERIALS: PRIMERS, SEALERS, JOINT CLEANERS, BOND BREAKER TAPE, AND SEALANT BACKER RODS AS RECOMMENDED BY SEALANT MANUFACTURER FOR APPLICATIONS INDICATED.

1. OVERSIZE BACKER ROD MINIMUM 30 % TO 50 % OF JOINT OPENING.

J. COLORS: AS INDICATED OR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS.

K. PREPARATION: CLEAN JOINT SURFACES IMMEDIATELY BEFORE INSTALLATION OF JOINT SEALER, AND PRIME OR SEAL JOINT SURFACES AS RECOMMENDED BY MANUFACTURER.

L. INSTALLATION: COMPLY WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AND ASTM C1193.

1. EMPLOY INSTALLATION TECHNIQUES WHICH WILL ENSURE JOINT SEALERS ARE DEPOSITED IN UNIFORM, CONTINUOUS RIBBONS WITHOUT GAPS OR AIR POCKETS, WITH COMPLETE "WETTING" OF BOND SURFACES.

DIVISION EIGHT: DOOR AND WINDOWS

SECTION 08110 - STEEL DOORS AND FRAMES

A. GENERAL: PROVIDE STEEL DOORS AND FRAMES AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION; COORDINATE WITH SECTION 08700 - HARDWARE.

B. STANDARDS: COMPLY WITH NAAMM HMMMA 840 'GUIDE SPECIFICATIONS FOR INSTALLATION AND STORAGE OF HOLLOW METAL DOORS' AND ANSI A250.8 - SDI-100 'RECOMMENDED SPECIFICATIONS FOR STANDARD STEEL DOORS AND FRAMES'.

C. CODES AND REGULATIONS: FURNISH MATERIALS TESTED, LABELED AND INSPECTED BY U.L., WARNOCK HERSEY, OR TESTING AGENCY ACCEPTABLE TO APPLICABLE AUTHORITIES.

D. SUBMITTALS: SUBMIT PRODUCT DATA.

D. MANUFACTURERS: AMWELD, CECO, OR STEELCRAFT.

E. HOLLOW METAL DOORS: FLUSH HOLLOW METAL DOORS FULL FLUSH TYPE; ANSI A250.8, LEVEL A, CLOSE TOP AT EXTERIOR DOORS.

1. CORE: PROVIDE STEEL STIFFENED CORE; INSULATED AT EXTERIOR DOORS.
2. GAGE: PROVIDE MINIMUM 18 GAGE AT INTERIOR DOORS, MINIMUM 16 GAGE AT EXTERIOR DOORS.

F. STEEL (HOLLOW METAL) FRAMES: MINIMUM 18 GAGE FULLY WELDED FRAMES AT INTERIOR DOORS, MINIMUM 16 GAGE FULLY WELDED FRAMES AT EXTERIOR DOORS.

G. FIRE RATED UNITS: CONFORM TO NFPA 80; PROVIDE U.L. OR WARNOCK HERSEY LABELED DOORS AND FRAMES AS REQUIRED.

H. ACCESSORIES: PROVIDE DOOR SILENCERS, ANCHORS, AND ACCESSORIES.

I. FABRICATION: CONFORM TO REQUIREMENTS OF NAAMM HMMMA 840.

J. DOOR SILENCERS: PLACE MINIMUM THREE SINGLE BUMPERS ON SINGLE DOOR FRAMES; SPACE EQUALLY ALONG STRIKE JAMBS; PLACE TWO SINGLE BUMPERS ON DOUBLE DOOR FRAME HEADS.

J. FINISH: PRIME PAINT INTERIOR UNITS, GALVANIZE AND PRIME PAINT EXTERIOR UNITS; MINIMUM A60 GALVANIZING; CLEAN, DEGREASE AND FACTORY PRIME PAINT.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND NAAMM HMMMA 840 STANDARDS.

1. INSTALL FIRE RATED UNITS IN CONFORMANCE WITH FIRE LABEL REQUIREMENTS & NFPA80.
2. INSTALL DOORS AND FRAMES PLUMB AND SQUARE, AND WITH MAXIMUM DIAGONAL DISTORTION OF 1/16".

SECTION 08200 - WOOD DOORS AND FRAMES

A. GENERAL: PROVIDE WOOD DOORS AND FRAMES AND ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WITH SECTION 08110 (STEEL DOORS AND FRAMES), SECTION 08120 (ALUMINUM DOORS AND

FRAMES), AND SECTION 08700 (HARDWARE).

B. STANDARDS: COMPLY WITH AWI/AWMAC (QSI) 'ARCHITECTURAL WOODWORK QUALITY STANDARDS ILLUSTRATED'.

C. SUBMITTALS: SUBMIT PRODUCT DATA, SHOP DRAWINGS, AND FINISH SAMPLES.

D. MANUFACTURER'S QUALIFICATIONS: COMPANY SPECIALIZING IN THE MANUFACTURE OF THE PRODUCTS SPECIFIED IN THIS SECTION WITH A MINIMUM FIVE YEARS EXPERIENCE.

E. PACKAGE, DELIVER AND STORE DOORS IN ACCORDANCE WITH SPECIFIED QUALITY STANDARD. INSPECT FOR DAMAGE.

F. MANUFACTURERS: GRAHAM WOOD DOORS, EGGERS INDUSTRIES, MARSHFIELD DOOR SYSTEMS OR APPROVED EQUAL.

G. PREMIUM GRADE HEAVY DUTY PERFORMANCE IN ACCORDANCE WITH AWI/AWMAC STANDARDS, 5 PLY WOOD VENEER FACED SOLID CORE DOORS, 1 3/4 INCH THICK, FLUSH CONSTRUCTION.

1. WOOD VENEER SPECIES AND CUT AS INDICATED ON DRAWINGS.
2. FACTORY PREFINISHED WITH A CUSTOM COLOR TRANSPARENT FINISH.

H. FABRICATE DOORS IN ACCORDANCE WITH DOOR QUALITY STANDARD NOTED. CORES CONSTRUCTED WITH STILES AND RAILS, PROVIDE SOLID BLOCKS AT LOCK/HARDWARE EDGE AND AT TOP AND BOTTOM OF DOORS. FACTORY MACHINE DOORS FOR HARDWARE OTHER THAN SURFACE MOUNTED HARDWARE.

I. FACTORY FIT DOORS FOR FRAME OPENING DIMENSIONS IDENTIFIED ON SHOP DRAWINGS, WITH EDGE CLEARANCES IN ACCORDANCE WITH SPECIFIED QUALITY STANDARD.

J. INSTALL DOORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFIED QUALITY STANDARD. DO NOT INSTALL DOORS IN FRAME OPENINGS THAT ARE NOT PLUMB OR ARE OUT OF TOLERANCE FOR SIZE OR ALIGNMENT.

K. DO NOT FIELD CUT OR TRIM - IF FIT OR CLEARANCE IS NOT CORRECT, REPLACE DOOR.

L. ADJUST DOORS FOR SMOOTH AND BALANCED DOOR MOVEMENT, ADJUST CLOSERS FOR FULL CLOSURE.

SECTION 08310 - ACCESS DOORS AND PANELS

A. GENERAL: PROVIDE ACCESS DOORS AS REQUIRED FOR ACCESS TO VALVES AND CONTROLS LOCATED BEHIND FINISHED WALLS AND CEILINGS NOT OTHERWISE ACCESSIBLE, WITH ACCESSORIES FOR COMPLETE INSTALLATION.

1. COORDINATE WITH VARIOUS TRADES FOR CONTROLS AND VALVES WHICH MAY BE CONCEALED.

B. SUBMITTALS: FURNISH PRODUCT DATA FOR EACH TYPE OF ACCESS DOOR AND PANEL.

C. MANUFACTURERS: MILCOR, J.I. INDUSTRIES, OR KARP.

D. TYPE: FLUSH TYPE AT NON FIRE RATED CONSTRUCTION, STANDARD U.L. APPROVED FRAMED TYPE AT FIRE RATED CONSTRUCTION; KEY OPERATED.

1. FRAMES: FABRICATE FROM MINIMUM 16 GAGE.
2. DOORS: FLUSH PANEL TYPE, FABRICATE FROM MINIMUM 14 GAGE STEEL.
3. HINGE: PROVIDE CONTINUOUS PIANO TYPE HINGE.
4. FINISH: FINISH WITH MANUFACTURER'S FACTORY-APPLIED ENAMEL PRIME COAT APPLIED OVER PHOSPHATE COATING ON STEEL.

E. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS.

1. SET FRAMES ACCURATELY IN POSITION AND SECURELY ATTACH TO SUPPORTS WITH FACE PANELS PLUMB OR LEVEL IN RELATION TO ADJACENT FINISH SURFACES.
2. ADJUST HARDWARE AND DOORS AFTER INSTALLATION FOR PROPER OPERATION.
3. REMOVE AND REPLACE DOORS OR FRAMES WHICH ARE WARPED, BOWED OR OTHERWISE DAMAGED.

SECTION 08411 - ALUMINUM FRAMED ENTRANCES & STOREFRONTS

A. GENERAL: PROVIDE AND FURNISH ALL NECESSARY MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE INSTALLATION OF THE ALUMINUM STOREFRONT SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN. SECTION INCLUDES MANUFACTURER APPROVED SEALANTS, GLASS, AND GLAZINGS:

1. ALUMINUM SWING DOORS
2. ALUMINUM STOREFRONT SYSTEMS

B. SYSTEM PERFORMANCE: PERFORMANCE REQUIREMENTS MEETING REQUIREMENTS INDICATED AND COMPLY WITH THE FOLLOWING PERFORMANCE REQUIREMENTS.

1. AIR INFILTRATION: AIR INFILTRATION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 283. RESULTS TO COMPLY WITH MANUFACTURER'S TESTED MAXIMUMS.
2. WATER INFILTRATION: NO UNCONTROLLED WATER OTHER THAN CONDENSATION ON INDOOR FACE OF ANY COMPONENT TESTED IN ACCORDANCE WITH ASTM E 331. RESULTS TO COMPLY WITH MANUFACTURER'S TESTED DIFFERENTIALS.
3. WIND LOADS: COMPLETED STOREFRONT SYSTEM SHALL WITHSTAND WIND PRESSURE LOADS NORMAL TO WALL PLANE INDICATED PER MANUFACTURER'S REQUIREMENTS.
4. DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER WHEN TESTED SHALL BE IN ACCORDANCE WITH ASTM E 330 WITH ALLOWABLE STRESS IN ACCORDANCE WITH AAMA SPECIFICATIONS FOR ALUMINUM STRUCTURES.
5. FORCED ENTRY RESISTANCE: TESTS PERFORMED SIMULTANEOUSLY WITH 300 LB. FORCES APPLIED TO THE ACTIVE DOOR PANEL WITHIN 3" OF THE LOCKS IN THE DIRECTION THAT WOULD TEND TO OPEN THE DOOR WHILE 150 LB. FORCES ARE APPLIED IN BOTH PERPENDICULAR DIRECTIONS TO THE 300 LB. FORCE SIMULTANEOUSLY.
6. THERMAL PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH AAMA 1503 AND NFRC 102, CONDENSATION RESISTANCE FACTOR TO BE A MINIMUM OF 28 AND THERMAL TRANSMITTANCE U VALUE TO BE 0.77 BTU/(HR·FT²)/FARENHEIGHT OR LESS.
7. THERMAL MOVEMENT: PROVIDE FOR THERMAL MOVEMENT CAUSED BY 180 DEGREES F SURFACE TEMPERATURE, WITHOUT CAUSING BUCKLING STRESSES ON GLASS, JOINT SEAL FAILURE, UNDUCE STRESS ON STRUCTURAL ELEMENTS, DAMAGING LOADS ON FASTENERS, REDUCTION OF PERFORMANCE, OR DETRIMENTAL EFFECTS.

C. SUBMITTALS: FURNISH PRODUCT DATA FOR EACH TYPE OF ALUMINUM DOOR & STOREFRONT SYSTEM.

D. MANUFACTURERS: YKK AP AMERICA, INC., VISTAWALL, KAWNEER, OR APPROVED EQUAL.

E. WARRANTY: SUBMIT FOR OWNER'S ACCEPTANCE, MANUFACTURER'S STANDARD WARRANTY DOCUMENT EXECUTED BY AN AUTHORIZED COMPANY OFFICIAL. A MANUFACTURER'S WARRANTY PRIOR OF ONE YEAR STANDARD COMMENCING ON THE DATE OF SUBSTANTIAL COMPLETION FOR THE PROJECT PROVIDED.

F. MATERIALS: PROVIDE FINISHES AS SPECIFIED WITHIN THE CONSTRUCTION DOCUMENTS. SYSTEM TO INCLUDE ANY MANUFACTURER STANDARD ACCESSORIES/HARDWARE/SEALANTS/FASTENERS IN FINISHES/COLORS COORDINATING WITH FINISH AS SPECIFIED.

G. EXECUTION: COMPLY WITH MANUFACTURER'S PRODUCT DATA, INCLUDING PRODUCT TECHNICAL BULLETINS, INSTALLATION INSTRUCTIONS, AND PRODUCT CARTON INSTRUCTIONS.

1. PROTECT ADJACENT WORK AREAS AND FINISH SURFACES FROM DAMAGE DURING PRODUCT INSTALLATION.
2. INSTALL MANUFACTURER'S SYSTEM AS SHOWN WITH SHOP DRAWINGS, AND WITHIN SPECIFIED TOLERANCES. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO STRUCTURE. PROVIDE ALL NECESSARY FLASHING AND WEEPS TO EXTERIOR.
3. ADJUST SWING DOORS FOR OPERATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. THE GENERAL CONTRACTOR SHALL CLEAN INSTALLED PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION PRIOR TO OWNER'S ACCEPTANCE, AND REMOVE CONSTRUCTION DEBRIS FROM PROJECT SITE.

SECTION 08700 - HARDWARE

A. GENERAL: PROVIDE DOOR HARDWARE FOR HOLLOW METAL DOORS, WOOD DOORS, AND ALUMINUM/GLASS DOORS AND PROVIDE CYLINDERS FOR DOORS PROVIDED WITH HARDWARE, WITH ACCESSORIES AS REQUIRED FOR COMPLETE OPERATIONAL DOOR INSTALLATIONS.

B. STANDARDS: COMPLY WITH BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA) ANSI/BHMA 156 SERIES STANDARDS, ANSI/HCC A117.1 (AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES), DHI (DOOR HARDWARE INSTITUTE).

C. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

1. FIRE RATED DOORS: COMPLY WITH REQUIREMENTS OF NFPA 80 AND APPLICABLE CODES FOR FIRE RATED DOOR HARDWARE; PROVIDE HARDWARE BEARING UNDERWRITERS LABORATORY (UL) LABELS.

D. SUBMITTALS: FURNISH SHOP DRAWINGS, PRODUCT DATA INCLUDING KEYING SCHEMULE, AND SAMPLES OF EACH REQUIRED STYLE AND FINISH.

1. SUPPLY TEMPLATES TO DOOR AND FRAME MANUFACTURERS FOR PROPER AND ACCURATE SIZING AND LOCATIONS OF CUT-OUTS FOR HARDWARE.

E. GENERAL MATERIALS: PROVIDE COMPLETE HARDWARE WITH ACCESSORIES AS REQUIRED FOR DOORS AND APPLICATIONS INDICATED AND NOT PROVIDED UNDER OTHER SECTION.

F. HINGES: HAGER OR EQUAL; FULL MORTISED BUTT HINGES; SIZE AND NUMBER AS RECOMMENDED BY MANUFACTURER; NONREMOVABLE PINS AT EXTERIOR OUTSWINGING DOORS, BALL-BEARING HINGES AT FIRE RATED DOORS AND DOORS WITH CLOSERS.

G. LOCKSETS/LATCHSETS: SCHLAGE, ADAMS RITE; AS INDICATED ON THE DRAWINGS, SOLID LEVER TYPE WITH ROSE; KEYING AS DIRECTED BY TENANT; PROVIDE CYLINDERS FOR DOORS FURNISHED WITH LOCKS.

H. OVERHEAD CLOSERS: HAGER S200 SERIES OR EQUAL, FULLY ADJUSTABLE; MODERN TYPE WITH COVER.

I. ACCESSORIES: PROVIDE DOOR STOPS, THRESHOLDS, WEATHERSTRIPPING, TRIM, COORDINATORS AND ACCESSORIES AS REQUIRED FOR COMPLETE OPERATIONAL DOOR INSTALLATION.

1. THRESHOLDS, STOPS, TRIM, AND MISCELLANEOUS HARDWARE: PROVIDE AS INDICATED, AS SPECIFIED, AS INCLUDED IN HARDWARE SCHEDULE, AND AS REQUIRED FOR COMPLETE INSTALLATION.
2. WEATHERSTRIPPING: PROVIDE CONTINUOUS WEATHERSTRIPPING AT TOP AND SIDES OF EXTERIOR DOORS.
3. FIRE RATED GASKETS: PROVIDE CONTINUOUS FIRE RATED GASKETS AT TOP AND SIDES OF FIRE RATED DOORS.
4. THROUGH BOLTS: THROUGH BOLTS AND GROMMET NUTS SHALL BE AVOIDED ON DOOR FACES IN HIGHLY VISIBLE AREAS, UNLESS NO ALTERNATIVE IS POSSIBLE, AS DIRECTED AND APPROVED, AND SHALL NOT BE USED FOR SOLID WOOD CORE DOORS.
5. FINISH: BHMA 626 (US26D), SATIN FINISHED CHROMIUM PLATED UNLESS OTHERWISE INDICATED.

J. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, BHMA, AND APPLICABLE REQUIREMENTS FOR ACCESS AND FOR FIRE RATINGS.

1. FIT HARDWARE PRIOR TO PAINTING, THEN REMOVE FOR PAINTING/FINISHING OF DOORS AND FRAMES BEFORE FINAL INSTALLATION OF HARDWARE.

2. HEIGHTS TO COMPLY WITH APPLICABLE CODES AND BHMA RECOMMENDATIONS.
3. ADJUST HARDWARE FOR SMOOTH OPERATION.
4. HARDWARE GROUPS: REFER TO DRAWINGS.

SECTION 08810 - GLAZING

A. GENERAL: PROVIDE GLAZING AND GLAZING ACCESSORIES FOR DOORS, FRAMES, SIDELIGHTS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION AS INDICATED ON THE DRAWINGS.

B. STANDARDS: ASTM C1036 (STANDARD SPECIFICATION FOR FLAT GLASS), ASTM C1048 (STANDARD SPECIFICATION FOR HEAT TREATED FLAT GLASS), AND ASTM E2190 (STANDARD SPECIFICATION FOR INSULATING GLASS UNIT PERFORMANCE ADN EVALUATION).

C. PERFORM WORK IN ACCORDANCE WITH GANA GLAZING MANUAL AND FGMA SEALANT MANUAL FOR GLAZING INSTALLATION METHODS. DO NO INSTALL GLAZING WHEN AMBIENT TEMPERATURE IS LESS THAN 50 DEGREES F.

D. PROVIDE A 5 YEAR WARRANTY ON SEALED INSULATING GLASS UNITS TO INCLUDE COVERAGE FOR SEAL FAILURE, INTERPANE DUSTING OR MISTING, INCLUDING REPLACEMENT OF FAILED UNITS. PROVIDE A 5 YEAR WARRANTY OF LAMINATED GLASS TO INCLUDE COVERAGE FOR DELAMINATION, INCLUDING REPLACEMENT OF FAILED UNITS.

E. GLAZING TYPES: AS INDICATED ON THE DRAWINGS.

F. FLOAT GLASS:

1. ANNEALED TYPE:ASTM C1036, TYPE 1, TRANSPARENT FLAT, CLASS 1 CLEAR, QUALITY Q3.
2. HEAT STRENGTHENED AND FULLY TEMPERED TYPE: ASTM C1048
3. LAMINATED GLASS: ASTM C1172

G. SEALED/INSULATING GLASS UNITS: CERTIFIED BY AN INDEPENDENT TESTING AGENCY TO COMPLY WITH ASTM E2190. ALUMINUM, BENT AND SOLID CORNER EDGE SPACERS. GLASS TO ELASTOMER WITH SUPPLEMENTARY SILICONE SEALANT EDGE SEAL - PURGE INNER SPACE WITH DRY HERMETIC AIR.

H. GLAZING COMPOUNDS:

1. BUTYL SEALANT - SINGLE COMPONENT, SHORE A HARDNESS OF 10 TO 20, BLACK COLOR, NON-SKINNING.
2. SILICONE SEALANT - SINGLE COMPONENT, CHEMICAL CURING, CAPABLE OF WATER IMMERSION WITHOUT LOSS OF PROPERTIES, NON-BLEEDING, NON-STAINING, ASTM C920, TYPE S, GRADE NS, CLASS 25, CURED SHORE A HARDNESS OF 15 TO 25. COLOR AS SELECTED FROM MANUFACTURER'S STANDARD COLORS.

I. GLAZING ACCESSORIES: SETTING BLOCKS, SPACER SHIMS, GLAZING TAPE, GLAZING GASKETS, GLAZING CLIPS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION.

J. VERIFY THAT OPENINGS FOR GLAZING ARE CORRECTLY SIZED AND WITHIN TOLERANCE. VERIFY THAT GLAZING CHANNELS OR RECESSES ARE CLEAN, FREE OF OBSTRUCTIONS THAT MAY IMPEDE MOISTURE MOVEMENT, AND ARE READY TO RECEIVE GLAZING.

K. INSTALL GLAZING BY METHOD RECOMMENDED BY GLAZING AND FRAME MANUFACTURER PER ALL MANUFACTURER INSTRUCTIONS.

L. INSTALL SEALANTS IN ACCORDANCE WITH ASTM C1193 AND FGMA SEALANT MANUAL. INSTALL SEALANTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

DIVISION NINE: FINISHES

SECTION 09260 - GYPSUM BOARD ASSEMBLIES (WALLS AND CEILINGS)

A. GENERAL: PROVIDE GYPSUM BOARD SYSTEMS INCLUDING METAL FRAMING ACCESSORIES, GYPSUM BOARD, JOINT TREATMENT, ACOUSTICAL INSULATION, ACOUSTICAL SEALANT, AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. STANDARDS: COMPLY WITH ASTM C754, ASTM C840, AND REQUIREMENTS FOR FIRE RATINGS.

1. DEFLECTIONS: MAXIMUM L/240 TYP., L/360 AT LOCATIONS INDICATED TO RECEIVE TILE.

C. FIRE-RATED ASSEMBLIES: LISTED BY UNDERWRITER'S LABORATORY, GYPSUM ASSOCIATION (GA) FILE NO'S IN GA-600 FIRE RESISTANCE DESIGN MANUAL, OR OTHER LISTING APPROVED BY APPLICABLE AUTHORITIES.

D. SYSTEMS RESPONSIBILITY: PROVIDE PRODUCTS MANUFACTURED BY OR RECOMMENDED BY MANUFACTURER OF GYPSUM BOARD TO MAINTAIN SINGLE-SOURCE RESPONSIBILITY FOR SYSTEM.

E. SUBMITTALS: FURNISH PRODUCT DATA.

F. MANUFACTURERS: USG, GEORGIA PACIFIC, OR NATIONAL GYPSUM.

G. METAL FRAMING: CONFORM TO ASTM C754; COMPLETE 16 GAGE CEILING FRAMING AND MIN. 22 GAGE STUDS WALL FRAMING FOR GYPSUM BOARD SYSTEMS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

1. MANUFACTURED SUSPENSION SYSTEM SUCH AS CHICAGO METALLIC/DRYWALL SYSTEM IS ACCEPTABLE.

H. GYPSUM BOARD: CONFORM TO ASTM C840; U.L. LISTED FIRE RESISTANT GYPSUM BOARD.

1. STANDARD: ASTM C1396, 5/8" THICK.
2. CORE BOARD: ASTM C1396, 1" THICK.

I. GYPSUM BOARD ACCESSORIES: COMPLY WITH ASTM C840.

1. PROVIDE PROTECTIVE COATED STEEL CORNER BEADS AND EDGE TRIM; TYPE DESIGNED TO BE CONCEALED IN FINISHED CONSTRUCTION BY TAPE AND JOINT COMPOUND.
2. CORNER BEADS: MANUFACTURER'S STANDARD METAL BEADS.
3. REINFORCING TAPE, JOINT COMPOUND, ADHESIVE, WATER, FASTENERS: TYPES RECOMMENDED BY SYSTEM MANUFACTURER AND CONFORMING WITH ASTM C475.

J. FIRE RATED CONSTRUCTION: COMPLY WITH UNDERWRITER'S LABORATORIES CERTIFIED FIRE TESTS AND APPLICABLE CODE REQUIREMENTS.

1. SHAFT WALL SYSTEM: PROVIDE AT SHAFTS AND WHERE INDICATED.

K. ACOUSTICAL ACCESSORIES: PROVIDE ASTM C665, TYPE 1 ACOUSTICAL INSULATION AND ASTM C919 PAINTABLE ACOUSTICAL SEALANTS WHERE ACOUSTICAL SYSTEMS ARE INDICATED.

L. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, REFERENCED STANDARDS, AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.

M. METAL FRAMING ERECTION: ERECT METAL FRAMING IN ACCORDANCE WITH ASTM C754 AND MANUFACTURER'S RECOMMENDATIONS.

1. INSTALL MEMBERS TRUE TO LINES AND LEVELS TO PROVIDE SURFACE FLATNESS WITH MAXIMUM VARIATION OF 1/8" IN 10'-0" IN ANY DIRECTION.
2. DOOR OPENING FRAMING: INSTALL DOUBLE STUDS AT DOOR FRAME JAMBS; INSTALL RUNNERS ON EACH SIDE OF OPENING AT FRAME HEAD HEIGHT BETWEEN JAMB STUDS AND ADJACENT STUDS.
3. INSTALL METAL FRAMING BACKING WHERE REQUIRED FOR SUPPORT OF FIXTURES, CABINETS, ACCESSORIES AND HARDWARE.
4. COORDINATE INSTALLATION OF BUCKS, ANCHORS, BLOCKING, ELECTRICAL AND MECHANICAL WORK WHICH IS TO BE PLACED IN OR BEHIND PARTITION FRAMING; ALLOW ITEMS TO BE INSTALLED AFTER FRAMING IS COMPLETE.

N. CEILING FRAMING INSTALLATION: ERECT IN ACCORDANCE WITH ASTM C754 AND MANUFACTURER'S RECOMMENDATIONS. REINFORCE OPENINGS IN CEILING SUSPENSION SYSTEM.

1. LATERALLY BRACE ENTIRE SUSPENSION SYSTEM.

O. GYPSUM BOARD INSTALLATION: INSTALL IN ACCORDANCE WITH ASTM C840 AND MANUFACTURER'S RECOMMENDATIONS. USE SCREWS WHEN FASTENING GYPSUM BOARD TO FURRING AND TO FRAMING.

1. FOR FIRE RATED SYSTEMS COMPLY WITH REQUIREMENTS FOR FIRE RATINGS.
2. PLACE CORNER BEADS AT EXTERNAL CORNERS; USE LONGEST PRACTICAL LENGTHS.
3. PLACE EDGE TRIM WHERE GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.
4. TAPE, FILL, AND SAND EXPOSED JOINTS, EDGES, CORNERS AND OPENINGS TO PRODUCE SURFACE READY TO RECEIVE FINISHES; FEATHER COATS ONTO ADJOINING SURFACES.

P. FINISHING: COMPLY WITH GYPSUM ASSOCIATION (GA) "LEVELS OF GYPSUM BOARD FINISH" GA LEVEL 4 OR LEVEL 5, AS NOTED ON SHEET A210, THREE COAT FINISHING & SANDING IS REQUIRED FOR ALL SURFACES TO BE FINISHED. PROVIDE FLUSH, SMOOTH JOINTS & SURFACES READY FOR APPLIED PAINT & WALL FINISHES.

6. REMOVE AND REPLACE DEFECTIVE WORK.

P. ACOUSTICAL ACCESSORIES INSTALLATION.

1. PLACE ACOUSTICAL INSULATION TIGHT WITHIN SPACES, AROUND CUT OPENINGS, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS WITHIN PARTITIONS, AND TIGHT TO ITEMS PASSING THROUGH PARTITIONS.
2. PLACE ACOUSTICAL SEALANT WITHIN PARTITIONS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS; INSULATE ACOUSTICAL SEALANT AT GYPSUM BOARD PERIMETER, AT BASE LAYER AND FACE LAYER OF GYPSUM BOARD, AND PENETRATIONS OF PARTITIONS.
3. TOLERANCE: MAXIMUM 1/4" SPACE BETWEEN GYPSUM BOARD AT FLOOR, CEILING, AND PENETRATIONS.
4. INSTALL ELECTRICAL BOX PADS WITH PADS MOLDED AND PRESSED ON BACK SIDE OF BOX, CLOSING OPENINGS, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, FOR COMPLETE ACOUSTICAL BARRIER.

SECTION 09262 - SUSPENDED DRYWALL GRID CEILING SYSTEM

A. GENERAL: METAL SYSTEM FOR SUPPORTING GYPSUM DRYWALL IN CEILING AREAS.

B. STANDARDS: COMPLY WITH ASTM C635, C636, C645, & C841.

C. SUBMITTALS: FURNISH PRODUCT DATA SHEETS LISTING DIMENSIONS, LOAD CARRYING CAPACITY & STANDARD COMPLIANCE.

D. MANUFACTURERS: CHICAGO METALLIC SPAN FAST DRYWALL GRID SYSTEM OR EQUAL.

E. SUSPENSION SYSTEM COMPONENTS

1. FURRING RUNNER: SIZED AS RECOMMENDED BY MANUFACTURER.
2. WALL TRACK: SIZED AS RECOMMENDED BY MANUFACTURER.

F. GYPSUM BOARD: CONFORM TO ASTM C840; U.L. LISTED FIRE RESISTANT GYPSUM BOARD.

1. STANDARD: ASTM C1396, 5/8" THICK.

G. INSTALLATION:

- SECTION 09300 - TILE
- A. GENERAL: PROVIDE TILE SYSTEMS INCLUDING SETTING MATERIALS, GROUT, AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
- B. STANDARDS: COMPLY WITH TILE COUNCIL OF AMERICA "HANDBOOK OF CERAMIC TILE INSTALLATION" INCLUDING REFERENCED ASTM AND ANSI STANDARDS.
- C. SUBMITTALS: SUBMIT PRODUCT DATA AND SAMPLES OF EACH TYPE OF TILE AND GROUT.
- D. TILE MANUFACTURERS: AS INDICATED ON DRAWINGS.
1. FLOOR TILE: PROVIDE NON-SLIP UNITS WITH MINIMUM WET AND DRY VALUE OF 0.60 COEFFICIENT OF FRICTION WHEN TESTED IN ACCORDANCE WITH ASTM C1028.
- E. LATEX THIN SET: THINSET BOND COAT, LATEX-CEMENTITIOUS MORTAR CONFORMING TO ANSI A118.4.
- F. GROUT: ANSI A118.6, LATEX CEMENTITIOUS TYPE BY LATITCRETE, BOSTIK OR MAPEI.
- G. INTEGRAL WATERPROOFING: LATITCRETE, BOSTIK, OR NOBEL LIQUID RUBBER INTEGRAL TILE SETTING WATERPROOFING SYSTEM WITH NO BITUMINOUS EXTENDERS; PROVIDE AT TILE APPLICATIONS ABOVE GRADE.
- H. CLEANING AND SEALING MATERIALS: AS RECOMMENDED BY TILE AND GROUT MANUFACTURERS, SUCH AS BOSTIK CONSTRUCTION PRODUCTS/HYDROMENT CERAMASEAL.
- I. PREPARATION: DO NOT COMMENCE WORK UNTIL SURFACE CONDITIONS ARE WITHIN TOLERANCES REQUIRED FOR PROPER INSTALLATION. APPLY LATEX LEVELING MATERIAL WHERE NECESSARY TO MEET REQUIRED TOLERANCES.
- J. INSTALLATION: COMPLY WITH TILE COUNCIL OF AMERICA (TCA) HANDBOOK FOR CERAMIC TILE INSTALLATION FOR LATEX BOND COAT THIN SET APPLICATION.
1. TILE: INSTALL TILE IN ACCORDANCE WITH REFERENCED ANSI STANDARDS AND TCA RECOMMENDATIONS FOR TYPE OF SUBSTRATE AND INDICATED SETTING METHOD; LATEX-CEMENT THIN SET AND BOND COATS REQUIRED.
2. PLACE TILE IN ACCORDANCE WITH PATTERNS INDICATED ON DRAWINGS; CAREFULLY PLAN TILE LAYOUTS, ENSURE PATTERN IS UNINTERRUPTED FROM ONE SURFACE TO THE NEXT AND THROUGH DOORWAYS.
3. SEAL TILE AND GROUT SURFACES WHERE RECOMMENDED BY MANUFACTURER FOR MATERIALS AND APPLICATIONS INVOLVED; COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.

- SECTION 09510 - ACOUSTICAL CEILING
- A. GENERAL: PROVIDE ACOUSTICAL CEILINGS INCLUDING SUSPENSION SYSTEM, TRIM, AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
- B. STANDARDS: CONFORM TO ASTM C635 FOR METAL SUSPENSION SYSTEM AND ASTM C636 FOR INSTALLATION OF ACOUSTICAL CEILINGS.
- C. PERFORMANCE REQUIREMENTS: PROVIDE PRODUCTS LISTED BY UNDERWRITERS LABORATORIES (U.L.).
1. FLAME SPREAD/SMOKE DENSITY: PROVIDE PRODUCTS MEETING CODE REQUIREMENTS FOR MAXIMUM 25 FLAME SPREAD AND MAXIMUM 25 SMOKE DENSITY.
- D. SEISMIC REQUIREMENTS: COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS FOR SEISMIC BRACING OF CEILING SUSPENSION SYSTEM, AND WITH ASTM E580.
- E. SUBMITTALS: SUBMIT PRODUCT DATA, SHOP DRAWINGS INDICATING LAYOUT, AND SAMPLES OF GRID, TRIM, AND CEILING UNITS.
- F. INSTALLER: FIRM WITH MINIMUM THREE YEAR'S SUCCESSFUL EXPERIENCE IN PROJECTS OF SIMILAR TYPE AND SCOPE, ACCEPTABLE TO MANUFACTURER.
- G. PROJECT CONDITIONS: DO NOT INSTALL CEILINGS UNTIL BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATING ACTIVITIES HAVE TERMINATED AND OVERHEAD MECHANICAL WORK IS COMPLETED, TESTED AND APPROVED; ALLOW WET WORK TO DRY PRIOR TO INSTALLATION.
- H. ACOUSTICAL UNITS: TYPES AND MANUFACTURERS AS INDICATED ON DRAWINGS.
- I. SUSPENSION SYSTEM: AS INDICATED ON DRAWINGS.
- J. PREPARATION: MEASURE CEILING AREA AND ESTABLISH LAYOUT OF ACOUSTICAL UNITS TO BALANCE BORDER WIDTHS AT OPPOSITE EDGES OF EACH CEILING; DO NOT USE LESS THAN HALF WIDTH UNITS AT BORDERS.
1. COORDINATE WITH OTHER WORK SUPPORTED BY OR PENETRATING THROUGH CEILINGS, INCLUDING LIGHT FIXTURES, HVAC EQUIPMENT AND PARTITION SYSTEMS.
- K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, ASTM C636, AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS.
1. FINISHED CEILINGS: TRUE TO LINES AND LEVELS AND FREE FROM WARPED, SOILED OR DAMAGED GRID OR ACOUSTICAL UNITS.
2. INSTALL CEILING SYSTEMS IN A MANNER CAPABLE OF SUPPORTING SUPERIMPOSED LOADS, WITH MAXIMUM PERMISSIBLE DEFLECTION OF 1/8" IN 10'-0".
3. ENSURE SUSPENSION SYSTEM IS LOCATED TO ACCOMMODATE FITTINGS AND UNITS OF EQUIPMENT WHICH IS TO BE PLACED AFTER INSTALLATION OF CEILING GRID.
4. WHERE DUCTS OR OTHER EQUIPMENT PREVENT REGULAR SPACING OF HANGERS, REINFORCE NEAREST ADJACENT HANGERS AND RELATED CARRYING CHANNELS AS REQUIRED TO AGAINST REQUIRED DISTANCE.
5. INSTALL EDGE MOLDINGS AT INTERSECTION OF CEILING AND VERTICAL SURFACES, USING MAXIMUM LENGTHS, STRAIGHT, TRUE TO LINE AND LEVEL; MITER CORNERS.
6. FIT ACOUSTIC UNITS IN PLACE, FREE FROM DAMAGED EDGES OR DEFECTS DETRIMENTAL TO APPEARANCE AND FUNCTION. LAY DIRECTIONALLY PATTERNED UNITS ONE WAY WITH PATTERN AS DIRECTED. FIT BORDER UNITS NEATLY AGAINST ABUTTING SURFACES.
7. INSTALL UNITS LEVEL, IN UNIFORM PLANE AND FREE FROM TWIST, WARP AND DENTS.
8. INSTALL HOLD-DOWN CLIPS WHERE REQUIRED BY APPLICABLE CODES AND WHERE CEILING IS WITHIN 20'-0" OF AN EXTERIOR DOOR.
- L. ADJUSTMENT: ADJUST SAGS OR TWISTS WHICH DEVELOP IN CEILING SYSTEM AND REPLACE ANY PART WHICH IS DAMAGED OR FAULTY.

- SECTION 09655 - RESILIENT PLANK FLOORING
- A. GENERAL: PROVIDE RESILIENT PLANK FLOORING WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
- B. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES OF EACH TYPE OF FLOORING COLOR AND PATTERN SELECTED AND EACH TYPE OF EXPOSED INTEGRAL BASE ACCESSORY.
- C. PROJECT CONDITIONS: ENSURE FLOOR SURFACES ARE SMOOTH AND FLAT WITH MAXIMUM VARIATION OF 1/8" IN 10'-0"; ENSURE CONCRETE FLOORS ARE DRY AND EXHIBIT NEGATIVE ALKALINITY, CARBONIZING AND DUSTING.
- D. VINYL PLANK FLOORING: NOMINAL 1/8" THICK VINYL SHEET CONFORMING TO ASTM F1700, CLASS II, TYPE B.; COLOR AS INDICATED, AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS WHERE NOT OTHERWISE INDICATED.
1. MANUFACTURERS: KARNDLEAN.
2. FLAMMABILITY: COMPLIES WITH FF1-70.
- E. INTEGRAL BASE ACCESSORIES: PROVIDE MANUFACTURER'S STANDARD COVE SUPPORT STRIPS AND FINISHED METAL TOP EDGE STRIPS; TYPE AND COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE.
- F. EDGE STRIPS AND ACCESSORIES: RUBBER OR VINYL EDGE STRIPS MATCHING RESILIENT FLOORING.
- G. SUBFLOOR FILLER: WHITE PREMIXED LATEX-CEMENT PASTE DESIGNED FOR PROVIDING THIN SOLID SURFACE FOR LEVELING AND MINOR RAMPING OF SUBSURFACE TO ADJACENT FLOOR FINISHES. USE MATERIAL CAPABLE OF BEING APPLIED AND FEATHERED OUT TO ADJACENT FLOOR WITHOUT SPALLING.
- H. PRIMERS AND ADHESIVES: WATERPROOF NONTOXIC TYPES AS RECOMMENDED BY FLOORING MANUFACTURER FOR SPECIFIED MATERIAL AND APPLICATION.
- I. SEALER AND WAX: TYPE RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIAL TYPE AND LOCATION.
- J. PREPARATION: CONFORM WITH ASTM F710 AND MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION; REMOVE SUBFLOOR RIDGES AND BUMPS; FILL LOW SPOTS, CRACKS, JOINTS, HOLES AND DEFECTS WITH SUBFLOOR FILLER.
- K. INSTALLATION: COMPLY WITH FLOORING AND BASE MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; SET FLOORING IN PLACE, PRESS WITH HEAVY ROLLER FOR FULL ADHESION; SCRIBE TO WALLS, COLUMNS, AND OTHER APPURTENANCES TO PRODUCE TIGHT JOINTS
1. LAY FLOORING WITH PATTERN AS SHOWN ON FINISH PLAN; TERMINATE RESILIENT FLOORING AT CENTERLINE OF DOOR OPENINGS WHERE ADJACENT FLOOR FINISH IS DISSIMILAR; INSTALL EDGE STRIPS AT UNPROTECTED OR EXPOSED EDGES.
- L. CLEANING: REMOVE EXCESS ADHESIVE FROM FLOOR, BASE AND WALL SURFACES.

- SECTION 09672 - RESINOUS FLOORING
- A. GENERAL: THE WORK SHALL CONSIST OF PREPARATION OF THE SUBSTRATE, THE FURNISHING & APPLICATION OF A CEMENTITIOUS URETHANE BASED SELF-LEVELING SEAMLESS FLOORING SYSTEM WITH FLAKE AGGREGATE BROADCAST & URETHANE TOPCOAT. COVE BASE TO BE APPLIED AS NOTED ON THE PLANS AND PER MANUFACTURER'S STANDARD DETAILS UNLESS NOTED OTHERWISE.
- B. SUBMITTALS: FURNISH PRODUCT DATA FROM MANUFACTURER'S CURRENT LITERATURE INCLUDING PERFORMANCE DATA AND INSTALLATION PROCEDURES. ALSO TO PROVIDE A 3"x3" SQUARE SAMPLE OF THE PROPOSED SYSTEM IN THE SAME COLOR, TEXTURE, AND THICKNESS SHALL BE REPRESENTATIVE OF OVERALL APPEARANCE OF FINISHED SYSTEM SUBJECT TO NORMAL TOLERANCES.
- C. QUALITY ASSURANCE: THE MANUFACTURER SHALL HAVE A MINIMUM OF 10 YEARS EXPERIENCE IN THE PRODUCTION, SALES, AND TECHNICAL SUPPORT OF EPOXY & URETHANE INDUSTRIAL FLOOR AND RELATED MATERIALS. THE APPLICATOR SHALL HAVE EXPERIENCE IN INSTALLATION OF THE FLOORING SYSTEM AS CONFIRMED BY THE MANUFACTURER IN ALL PHASES OF SURFACE PREPARATION AND APPLICATION OF THE PRODUCT SPECIFIED.
1. SYSTEM SHALL BE IN FULL COMPLIANCE WITH REQUIREMENTS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA), THE FOOD & DRUG ADMINISTRATION (FDA), AND LOCAL HEALTH DEPARTMENT.
2. A PRE-INSTALLATION CONFERENCE SHALL BE HELD BETWEEN APPLICATOR, GENERAL CONTRACTOR, AND THE TENANT TO REVIEW AND CLARIFICATION OF THIS SPECIFICATION, APPLICATION PROCEDURE, QUALITY CONTROL, INSPECTION, AND ACCEPTANCE CRITERIA AND PRODUCTION SCHEDULE.
- D. PROJECT CONDITIONS: SITE REQUIREMENTS INCLUDE APPLICATION WHILE AIR, MATERIAL, AND SUBSTRATE TEMPERATURES ARE BETWEEN 60 F AND 90 F PROVIDING THE SUBSTRATE TEMPERATURE IS ABOVE THE DEW POINT. RELATIVE HUMIDITY IN THE SPECIFIC LOCATION OF THE APPLICATION SHALL BE LESS THAN 85% AND THE SURFACE TEMPERATURE SHALL BE AT LEAST 5 F ABOVE THE DEW POINT. APPLICATOR SHALL BE SUPPLIED WITH ADEQUATE LIGHTING EQUAL TO THE FINAL LIGHTING LEVEL DURING THE PREPARATION & INSTALLATION OF THE SYSTEM.
1. CONDITIONS OF THE NEW CONCRETE TO BE COATED WITH CEMENTITIOUS URETHANE MATERIAL SHALL BE MOISTURE CURED FOR A MINIMUM OF 7 DAYS AND HAVE FULLY CURED FOR 14 DAYS IN ACCORDANCE WITH

- ACI-308 PRIOR TO THE APPLICATION OF THE COATING SYSTEM, PENDING MOISTURE TESTS. CONCRETE SHALL HAVE A FLAT RUBBED FINISH, FLOAT OR LIGHT STEEL TROWEL FINISH. SEALERS & CURING AGENTS SHALL NOT BE USED. CONCRETE SURFACES ON GRADE SHALL HAVE BEEN CONSTRUCTED WITH A VAPOR BARRIER TO PROTECT AGAINST THE EFFECTS OF VAPOR TRANSMISSION AND POSSIBLE DELAMINATION OF THE SYSTEM.
2. SAFETY REQUIREMENTS INCLUDE THE TENANT BEING RESPONSIBLE FOR THE REMOVAL OF FOODSTUFFS FROM THE WORK AREA. NON-RELATED PERSONNEL IN THE WORK AREA SHALL BE KEPT TO A MINIMUM.
3. CONDITIONS OUTSIDE OF THIS RANGE WILL REQUIRE CONSULTATION OF THE MANUFACTURER.
- E. FLOORING: FLOORGUARD PRODUCTS PLATINUM GRANITE SYSTEM, DUR-A-FLEX "POLY-CRETE MDB" SELF-LEVELING BROADCAST QUARTZ URETHANE TOPCOAT SEAMLESS FLOORING SYSTEM OR APPROVED EQUAL.
1. 1/4" THICK
2. COLOR: COORDINATE WITH BIBIBOP REPRESENTATIVE
- F. APPLICATION: THE SYSTEM SHALL BE APPLIED IN THREE DISTINCT STEPS: SUBSTRATE PREPARATION, BASE COAT & BROADCAST APPLICATION, & TOPCOAT APPLICATION WITH ANTI-SLIP BROADCAST. IMMEDIATELY PRIOR TO THE APPLICATION OF ANY COMPONENT IN THE SYSTEM, THE SURFACE SHALL BE DRY AND ANY REMAINING DUST OR LOOSE PARTICLES SHALL BE REMOVED USING A VACUUM OR CLEAN, DRY, OIL-FREE COMPRESSED AIR. THE HANDLING, MIXING, AND ADDITION OF COMPONENTS SHALL BE PERFORMED IN A SAFE MANNER TO ACHIEVE THE DESIRED RESULTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE SYSTEM SHALL FOLLOW THE CONTOUR OF THE SUBSTRATE UNLESS PITCHING OR OTHER LEVELING WORK HAS BEEN SPECIFIED BY THE ARCHITECT. A NEAT FINISH WITH WELL-DEFINED BOUNDARIES AND STRAIGHT EDGES SHALL BE PROVIDED BY THE APPLICATOR.
1. THE TOPPING SHALL BE APPLIED AS A SELF-LEVELING SYSTEM AS SPECIFIED. THE TOPPING SHALL BE APPLIED IN ONE LIFT WITH A NOMINAL THICKNESS OF 3/16 INCH. THE TOPPING SHALL BE COMPRISED OF THREE COMPONENTS: A RESIN, HARDENER, AND FILLER AS SUPPLIED BY THE MANUFACTURER. THE HARDENER SHALL BE ADDED TO THE RESIN & THOROUGHLY DISPERSED BY SUITABLY APPROVED MECHANICAL MEANS. AGGREGATE SHALL THEN BE ADDED TO THE CATALYZED MIXTURE AND MIXED IN A MANNER TO ACHIEVE A HOMOGENEOUS BLEND. THE TOPPING SHALL BE APPLIED OVER HORIZONTAL SURFACES USING A PIN RAKE, TROWELS, OR OTHER SYSTEMS APPROVED BY THE MANUFACTURER. IMMEDIATELY UPON PLACING, THE TOPPING SHALL BE DEGASSED WITH A 1 1/2 INCH SPIKED ROLLER. QUARTZ AGGREGATE SHALL BE BROADCAST TO EXCESS INTO THE WET MATERIAL AT THE RATE OF 1 LB/5'. ALLOW MATERIAL TO FULLY CURE. VACUUM, SWEEP, AND/OR BLOW TO REMOVE ALL LOOSE AGGREGATE.
2. THE TOPCOAT SHALL BE MIXED AND APPLIED PER MANUFACTURER RECOMMENDED PROCEDURE. THE TOPCOAT SHALL BE COMPRISED OF THREE COMPONENTS: A RESIN, HARDENER, AND FILLER AS SUPPLIED BY THE MANUFACTURER. THE FINISH FLOOR WILL HAVE A NOMINAL THICKNESS OF 1/4".
- G. QUALITY CONTROL: THE FOLLOWING TESTS SHALL BE CONDUCTED BY THE APPLICATOR.
1. TEMPERATURE: AIR, SUBSTRATE TEMPERATURES, RELATIVE HUMIDITY AND, IF APPLICABLE, DEW POINT.
2. COVERAGE RATES FOR ALL LAYERS SHALL BE MONITORED BY CHECKING QUANTITY OF MATERIAL USED AGAINST THE AREA COVERED.
- H. CLEANING & PROTECTION: CURE FLOORING MATERIAL IN COMPLIANCE WITH MANUFACTURER'S DIRECTIONS, TAKING CARE TO PREVENT THEIR CONTAMINATION DURING STAGES OF APPLICATION AND PRIOR TO THE COMPLETION OF THE CURING PROCESS. REMOVE MASKING. PERFORM DETAIL CLEANING AT FLOOR TERMINATION, TO LEAVE CLEANABLE SURFACE FOR SUBSEQUENT WORK OF OTHER SECTIONS.

- SECTION 09772 - FIBERGLASS REINFORCED WALL PANELS
- A. GENERAL: PROVIDE PREFINISHED POLYESTER GLASS REINFORCED PLASTIC SHEETS, ADHESIVE, AND PVC TRIM.
- B. SUBMITTALS: SUBMIT APPROPRIATE SECTION OF PANEL FOR EACH FINISH SELECTED INDICATING THE COLOR, TEXTURE, AND PATTERN REQUIRED. PROVIDE SAMPLES OF EACH TYPE, FINISH, AND COLOR OF EXPOSED MOLDING AND TRIM. INCLUDE MANUFACTURERS MATERIAL SAFETY DATA SHEETS FOR ADHESIVES, SEALANTS, AND OTHER PERTINENT MATERIALS PRIOR TO THEIR DELIVERY TO THE SITE.
- C. QUALITY ASSURANCE: CONFORM TO BUILDING CODE REQUIREMENTS FOR INTERIOR FINISH FOR SMOKE AND FLAME SPREAD REQUIREMENTS IN ACCORDANCE WITH ASTM E 84. SYSTEM COMPONENTS AND FINISHES TO ALSO COMPLY WITH UNITED STATES DEPARTMENT OF AGRICULTURE (USDA) REQUIREMENTS FOR FOOD PREPARATION FACILITIES, INCIDENTAL CONTACT, AND THE FOOD AND DRUG ADMINISTRATION (FDA) 1999 FOOD CODE 6-101.11.
- D. DELIVERY, STORAGE, AND HANDLING: STORE PANELS AND TRIM LYING FLAT, UNDER COVER AND PROTECTED FROM THE ELEMENTS. ALLOW PANELS TO ACCLIMATE TO ROOM TEMPERATURE (RANGE OF 60-75 DEGREES F) FOR 48 HOURS PRIOR TO INSTALLATION.
- E. PROJECT CONDITIONS: BUILDING SHALL BE FULLY ENCLOSED PRIOR TO INSTALLATION WITH SUFFICIENTLY HEAT (70 DEGREES F) AND VENTILATION CONSISTENT WITH GOOD WORKING CONDITIONS FOR FINISH WORK. DURING INSTALLATION AND FOR NOT LESS THAN 48 HOURS BEFORE, MAINTAIN AN AMBIENT TEMPERATURE AND RELATIVE HUMIDITY WITHIN LIMITS REQUIRED BY TYPE OF ADHESIVE USED AND RECOMMENDATION OF ADHESIVE MANUFACTURER. PROVIDE VENTILATION TO DISPERSE FUMES DURING APPLICATION OF ADHESIVE AS RECOMMENDED BY THE ADHESIVE MANUFACTURER.
- F. WARRANTY: FURNISH ONE YEAR GUARANTEE AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP.
- G. MANUFACTURERS: MARLITE
- H. PANELS: FIBERGLASS REINFORCED THERMOSETTING POLYESTER RESIN PANEL SHEETS COMPLYING WITH ASTM D 5319. 4'-0" WIDE X LENGTH SPECIFIED. RESISTANT TO ROT, CORROSION, STAINING, DENTING, PEELING, AND SPLITTERING.
1. BACK SURFACE: SMOOTH. IMPERFECTIONS WHICH DO NOT AFFECT FUNCTIONAL PROPERTIES ARE NOT CAUSE FOR REJECTION.
2. FRONT FINISH: PEBBLED SURFACE, P100 WHITE
- I. MOLDINGS: PVC, THIN-WALL SEMI-RIGID EXTRUDED PVC IN WHITE FINISH.
- J. ACCESSORIES: FASTENERS SHALL BE NON-STAINING, NYLON DRIVE RIVETS TO MATCH PANEL COLOR AND LENGTH TO SUIT PROJECT CONDITIONS. ADHESIVE SHALL BE A CONSTRUCTION ADHESIVE COMPLYING WITH ASTM C 557 AND AS RECOMMENDED BY THE MANUFACTURER. SEALANTS SHALL BE CLEAR SILICONE.
- K. PREPARATION: EXAMINE BACKUP SURFACES TO DETERMINE THAT CORNERS ARE PLUMB AND STRAIGHT, SURFACES ARE SMOOTH, UNIFORM, CLEAN AND FREE FROM FOREIGN MATTER, NAILS COUNTERSUNK, JOINTS AND CRACKS FILLED FLUSH AND SMOOTH WITH THE ADJOINING SURFACE. REPAIR DEFECTS PRIOR TO INSTALLATION. LEVEL WALL SURFACES TO PANEL MANUFACTURER'S REQUIREMENTS. REMOVE PROTRUSIONS AND FILL INDENTATIONS.
- L. INSTALLATION: COMPLY WITH MANUFACTURER'S RECOMMENDED PROCEDURES AND INSTALLATION SEQUENCE.
1. CUT SHEETS TO MEET SUPPORTS ALLOWING 1/8" CLEARANCE FOR EVERY 8 FEET OF PANEL.
2. APPLY PANELS TO BOARD SUBSTRATE, ABOVE BASE, VERTICALLY ORIENTED WITH SEAMS PLUMB AND PATTERN ALIGNED WITH ADJOINING PANELS. INSTALL PANELS WITH MANUFACTURER'S RECOMMENDED GAP FOR PANEL FIELD AND CORNER JOINTS. ADHESIVE TROWEL AND APPLICATION METHOD TO CONFORM TO ADHESIVE MANUFACTURER'S RECOMMENDATIONS. DRIVE FASTENERS FOR SNUG FIT. DO NOT OVER-TIGHTEN.
3. APPLY PANEL MOLDINGS TO ALL PANEL EDGES USING SILICONE SEALANT PROVIDING FOR REQUIRED CLEARANCES. ALL MOLDINGS MUST PROVIDE FOR A MINIMUM 1/8" PANEL EXPANSION AT JOINTS AND EDGES, TO INSURE PROPER INSTALLATION. APPLY SEALANT TO ALL MOLDINGS, CHANNELS, AND JOINTS BETWEEN THE SYSTEM AND DIFFERENT MATERIALS TO ASSURE WATERTIGHT INSTALLATION.
- M. CLEANING: REMOVE EXCESS SEALANT FROM PANELS AND MOLDINGS. WIPE PANEL DOWN USING A DAMP CLOTH AND MILD SOAP SOLUTION OR CLEANER. REFER TO MANUFACTURER'S SPECIFIC CLEANING RECOMMENDATIONS. DO NOT USE ABRASIVE CLEANERS.

- SECTION 09900 - PAINTS AND COATINGS
- A. GENERAL: PROVIDE PAINTING OF EXPOSED ITEMS AND SURFACES NOT PREFINISHED, AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
- B. SURFACES NOT TO BE PAINTED: PREFINISHED ITEMS; CONCEALED AND INACCESSIBLE AREAS, CODE-REQUIRED LABELS.
- C. STANDARDS: PROVIDE MATERIALS APPROVED FOR USE BY APPLICABLE AIR QUALITY MANAGEMENT DISTRICT FOR LIMITATIONS OF VOLATILE ORGANIC COMPOUNDS FOR ARCHITECTURAL COATINGS.
- D. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES.
1. DUPLICATE PAINTED FINISHES OF APPROVED SAMPLES ON ACTUAL WALL SURFACES AND COMPONENTS FOR APPROVAL PRIOR TO COMMENCING WORK.
- E. DELIVERY: DELIVER MATERIALS TO JOB SITE IN ORIGINAL, NEW AND UNOPENED PACKAGES AND CONTAINERS BEARING MANUFACTURER'S NAME AND LABEL.
- F. MANUFACTURERS: SHERWIN-WILLIAMS OR BENJAMIN MOORE.
- G. MATERIAL QUALITY: PROVIDE TOP LINE QUALITY COMMERCIAL GRADE (PROFESSIONAL PAINTER) PAINTS; MATERIALS NOT BEARING MANUFACTURER'S IDENTIFICATION AS A BEST-GRADE PRODUCT SHALL NOT BE ACCEPTABLE.
1. PRIMERS: PROVIDE PREMIUM GRADE PRIMERS RECOMMENDED BY PAINT MANUFACTURER FOR SUBSTRATES INDICATED AND FOR FINISH SYSTEMS SPECIFIED.
2. UNDERCOATS AND BARRIER COATS: PROVIDE UNDERCOAT PAINTS PRODUCED BY SAME MANUFACTURER AS FINISH COATS; USE ONLY THINNERS APPROVED BY PAINT MANUFACTURER, AND USE ONLY WITHIN RECOMMENDED LIMITS.
3. FINISH COATS: PROVIDE FINISH COATS CAPABLE OF BEING WASHED WITH MILD DETERGENT WITHOUT LOSS OF COLOR, SHEEN, OR PIGMENTS.
4. FINISH COAT COORDINATION: PROVIDE FINISH COATS WHICH ARE COMPATIBLE WITH PRIME PAINTS, UNDERCOATS, AND BARRIER COATS.
5. VOLATILE ORGANIC COMPOUNDS: PROVIDE MATERIALS WITH MINIMAL VOLATILE ORGANIC COMPOUNDS (VOC); COMPLY WITH APPLICABLE REGULATIONS.
- H. COLORS AND FINISHES: PURE, NON-FADING, APPLICABLE TYPES TO SUIT SERVICE INDICATED; NO LEAD CONTENT PERMITTED.
1. COLORS AS INDICATED ON THE DRAWINGS.
- I. PREPARATION: PERFORM PREPARATION AND CLEANING PROCEDURES IN ACCORDANCE WITH PAINT MANUFACTURER'S INSTRUCTIONS AND AS SPECIFIED FOR SUBSTRATE CONDITION.
1. EXAMINE AREAS AND CONDITIONS UNDER WHICH PAINTING WORK IS TO BE APPLIED. START OF PAINTING WORK INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS OF SURFACES AND CONDITIONS WITHIN ANY PARTICULAR AREA.
2. REMOVE HARDWARE, ACCESSORIES, AND ITEMS IN PLACE AND NOT TO BE PAINTED, OR PROVIDE PROTECTION PRIOR TO SURFACE PREPARATION AND PAINTING; AFTER PAINTING REINSTALL REMOVED ITEMS.
- J. APPLICATION: APPLY PAINT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS (MINIMUM OF 2 FINISH COATS OVER PRIMER); USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED.

1. APPLY ADDITIONAL COATS WHEN STAINS OR BLEMISHES SHOW THROUGH FINAL COAT, UNTIL PAINT IS A UNIFORM FINISH, COLOR AND APPEARANCE.
2. FINISH DOORS ON TOPS, BOTTOMS AND SIDE EDGES SAME AS FACES.
3. PROVIDE EXTRA ATTENTION TO ASSURE DRY FILM THICKNESS AT CORNERS AND CREVICES IS EQUIVALENT TO THAT OF FLAT SURFACES.
4. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES; PAINT SURFACES BEHIND PERMANENTLY-FIXED EQUIPMENT AND FURNITURE WITH PRIME COAT ONLY.
5. PAINT INTERIOR SURFACES OF DUCTS, WHERE VISIBLE THROUGH REGISTERS OR GRILLES, WITH A FLAT, NON-SPECULAR BLACK PAINT.
6. PAINT BACK SIDES OF ACCESS PANELS AND REMOVABLE OR HINGED COVERS TO MATCH EXPOSED SURFACES.
7. FINISH DOORS ON TOPS, BOTTOMS AND SIDE EDGES SAME AS FACES.
8. SAND LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL AND EACH VARNISH COAT.
- K. SCHEDULING PAINTING: APPLY FIRST COAT TO SURFACES THAT HAVE BEEN CLEANED, PRETREATED OR PREPARED FOR PAINTING AS SOON AS PRACTICABLE AFTER PREPARATION.
1. ALLOW TIME BETWEEN SUCCESSIVE COATINGS TO PERMIT PROPER DRYING. DO NOT RECOAT UNTIL PAINT FEELS FIRM AND DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE THUMB PRESSURE.
- L. MINIMUM COATING THICKNESS: APPLY MATERIALS AT NOT LESS THAN MANUFACTURER'S RECOMMENDED SPREADING RATE, TO ESTABLISH A TOTAL DRY FILM THICKNESS AS RECOMMENDED BY COATING MANUFACTURER.
- M. PRIME COATS: APPLY TO ITEMS NOT PREVIOUSLY PRIMED; RECOAT PRIMED AND SEALED SURFACES WHERE THERE IS EVIDENCE OF SUCTION SPOTS OR UNSEALED AREAS IN FIRST COAT.
- N. FINISH COATS: PROVIDE EVEN TEXTURE; LEAVE NO LAPS, IRREGULARITY IN TEXTURE, SKID MARKS, OR OTHER SURFACE IMPERFECTIONS.
- O. CLEAN-UP: DURING PROGRESS OF WORK, REMOVE DISCARDED PAINT MATERIALS, RUBBISH, CANS AND RAGS FROM SITE AT END OF EACH WORK DAY.
1. CLEAN GLASS AND PAINT-SPATTERED SURFACES IMMEDIATELY BY PROPER METHODS OF WASHING AND SCRAPING, USING CARE NOT TO SCRATCH OR DAMAGE FINISHED SURFACES.
- P. PROTECTION: PROTECT WORK OF OTHER TRADES, WHETHER TO BE PAINTED OR NOT; CORRECT DAMAGE BY CLEANING, REPAIRING OR REPLACING, AND REPAINTING, AS ACCEPTABLE TO ARCHITECT.
1. PROVIDE "WET PAINT" SIGNS TO PROTECT NEWLY-PAINTED FINISHES.
2. REMOVE TEMPORARY PROTECTIVE WRAPPINGS PROVIDED BY OTHERS FOR PROTECTION OF THEIR WORK, AFTER COMPLETION OF PAINTING OPERATIONS.
- Q. REPAIR: AT COMPLETION OF WORK OF OTHER TRADES, TOUCH-UP AND RESTORE DAMAGED SURFACES OR DEDACED PAINTED SURFACES.

DIVISION TEN: SPECIALTIES

- SECTION 10260 - STAINLESS STEEL CORNER GUARDS
- A. GENERAL: PROVIDE CORNER GUARD SYSTEM FOR WALL PROTECTION.
- B. SUBMITTALS: PRODUCT DATA FOR EACH CORNER GUARD SPECIFIED, INCLUDING DETAILED DRAWINGS INDICATING MOUNTING TYPE WITH THE APPROPRIATE FASTENERS FOR SPECIFIC PROJECT SUBSTRATES. A 6" LONG FULL SIZE PROFILE IN EACH TYPE OF SUBSTRATE SHALL BE SUBMITTED FOR VERIFICATION PURPOSES.
- C. WARRANTY: STANDARD MANUFACTURER LIMITED LIFETIME WARRANTY AGAINST MATERIAL & MANUFACTURING DEFECTS.
- D. MANUFACTURERS: INPRO CORPORATION OR APPROVED EQUAL
- E. PRODUCT: 1 1/2" x 1 1/2", 1/8" RADIUS, SCREW ON, 430 STANDARD GRADE 16 GAUGE STAINLESS STEEL. LENGTH SHALL BE SUCH THAT CORNER GUARD IS CONTINUOUS FROM FLOOR TO TOP OF ADJACENT WALL FINISH.
- F. COMPONENTS: CORNER GUARD IS TO BE ATTACHED WITH FASTENERS THROUGH PRE-DRILLED BEVELED HOLES & PHILLIPS HEAD SCREWS. STAINLESS STEEL NO. 4 SATIN FINISH.
- G. EXECUTION: COMPLETE ALL FINISHING OPERATIONS, INCLUDING PAINTING, BEFORE BEGINNING INSTALLATION OF CORNER GUARDS. WALL SURFACE SHALL BE DRY & FREE FROM DIRT, GREASE, & LOOSE PAINT. PRIOR TO INSTALLATION, CLEAN SUBSTRATE TO REMOVE DUST, DEBRIS, AND LOOSE PARTICLES.
- H. INSTALLATION: LOCATE THE CORNER GUARD AS INDICATED ON THE APPROVED DETAIL DRAWING FOR THE APPROPRIATE SUBSTRATE & IN COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL CORNER GUARD LEVEL AND PLUMB AT THE HEIGHT INDICATED ON THE DRAWINGS.
1. SURFACE MUST BE DRY, CLEAN, AND PROPERLY SEALED.
2. SCREW ON: POSITION THE CORNER GUARD ON THE WALL AND ATTACH IT USING THE SUPPLIED SCREWS.
3. REMOVE THE PROTECTIVE PLASTIC COVERING FROM THE EXPOSED SURFACE OF THE CORNER GUARD.
4. AT THE COMPLETION OF INSTALLATION, CLEAN SURFACES IN ACCORDANCE WITH MANUFACTURER'S CLEAN UP AND MAINTENANCE INSTRUCTIONS.

- SECTION 10520 - FIRE EXTINGUISHERS AND CABINETS
- A. GENERAL: PROVIDE FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES PRODUCED BY A SINGLE MANUFACTURER AS REQUIRED FOR A COMPLETE INSTALLATION AND SATISFY THE REQUIREMENTS OF THE GOVERNING AUTHORITIES.
- B. STANDARDS: NFPA 10 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS, AND U.L. - FIRE PROTECTION EQUIPMENT DIRECTORY.
- C. SUBMITTALS: PRODUCT DATA.
- D. MANUFACTURERS: JI INDUSTRIES OR LARSEN'S MANUFACTURING.
- E. FIRE EXTINGUISHERS: COMPLY WITH PRODUCT REQUIREMENTS OF NFPA 10 AND APPLICABLE CODES. PROVIDE EXTINGUISHERS LABELED BY UNDERWRITERS LABORATORIES, INC. FOR THE PURPOSE SPECIFIED OR INDICATED.
1. MULTI-PURPOSE DRY CHEMICAL TYPE FIRE EXTINGUISHERS: EXTINGUISHER UNIT CONTAINING A FLUIDIZED AND SILICONIZED MONO AMMONIUM PHOSPHATE POWDER, NONCONDUCTIVE AND NONTOXIC. HEAVY DUTY STEEL CYLINDER WITH METAL VALVE AND SIPHON TUBE, O-RING SEAL, REPLACEABLE VALVE STEM SEAL, VISUAL PRESSURE GAGE, PULL PIN AND UPRIGHT SQUEEZE GRIP.
- EFFECTIVENESS (RATING): CLASS A, B, C
- FINISH: FACTORY POWDER-COATED RED.
2. WET CHEMICAL TYPE FIRE EXTINGUISHER: EXTINGUISHER UNIT CONTAINING A LOW "pH" POTASSIUM ACETATE SOLUTION. STAINLESS STEEL TANK WITH PROTECTIVE NOZZLE TIP ORIFICE SEAL & NONMETALLIC NOZZLE TIP FINGER GUARD, O-RING SEAL, REPLACEABLE VALVE STERN SEAL, VISUAL PRESSURE GAGE, PULL PIN, AND UPRIGHT SQUEEZE GRIP.
- EFFECTIVENESS (RATING): CLASS K
- FINISH: STAINLESS STEEL
3. ACCESSORIES: MOUNTING BRACKETS SHALL BE MANUFACTURER'S STANDARD STEEL BRACKET, DESIGNED TO SECURE FIRE EXTINGUISHER TO WALL OR STRUCTURE, OF SIZES REQUIRED FOR TYPES AND CAPACITIES OF FIRE EXTINGUISHERS INDICATED.
- F. FIRE EXTINGUISHER CABINETS: SIZE TO ACCOMMODATE EXTINGUISHER AND ACCESSORIES. AMBASSADOR SERIES AT DINING ROOM, COSMOPOLITAN SERIES IN KITCHEN / PREP AREAS.
1. NON-RATED AMBASSADOR SERIES RECESSED OR SEMI-RECESSED CABINET, PER PLANS.
- a. COLD-ROLLED STEEL TUB CONSTRUCTION
- b. COLD-ROLLED STEEL DOOR AND TRIM CONSTRUCTION. FLUSH DOORS WITH 5/8" DOOR STOP ATTACHED BY CONTINUOUS HINGE AND EQUIPPED WITH ZINC-PLATED HANDLE WITH ROLLER CATCH
- c. FINISH: FACTORY-APPLIED POWDER COAT WHITE PAINT FINISH
2. NON-RATED COSMOPOLITAN SERIES SEMI-RECESSED CABINET
- a. COLD-ROLLED STEEL TUB CONSTRUCTION
- b. STAINLESS STEEL DOOR AND TRIM CONSTRUCTION. FLUSH DOORS WITH 5/8" DOOR STOP ATTACHED BY CONTINUOUS HINGE AND EQUIPPED WITH ZINC-PLATED HANDLE WITH ROLLER CATCH
- c. FINISH: STAINLESS STEEL, #4 DIRECTIONAL SATIN FINISH
3. DOOR STYLE: VERTICAL DUO PANEL, NARROW VERTICAL GLAZING FULL HEIGHT OF DOOR WITH PULL HANDLE
4. DOOR GLAZING: LAMINATED SAFETY GLASS
- G. EXAMINATION: EXAMINE WALLS AND PARTITIONS FOR SUITABLE FRAMING DEPTH AND BLOCKING WHERE RECESSED AND SEMI-RECESSED CABINETS WILL BE INSTALLED.
1. NOTIFY THE CONTRACTOR IN WRITING OF CONDITIONS DETRIMENTAL TO PROPER AND TIMELY COMPLETION OF THE INSTALLATION.
2. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- H. INSTALLATION: INSTALL CABINETS IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED OR IF NOT INDICATED, AT HEIGHTS TO COMPLY WITH APPLICABLE REGULATIONS OF GOVERNING AUTHORITIES.
1. PREPARE RECESSES IN WALLS FOR FIRE EXTINGUISHER CABINETS AS REQUIRED BY TYPE AND SIZE OF CABINET AND STYLE OF TRIM AND TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
2. SECURELY FASTEN MOUNTING BRACKETS AND FIRE EXTINGUISHER CABINETS TO STRUCTURE, SQUARE AND PLUMB, TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
3. MAINTAIN FIRE RATINGS WHERE CABINETS ARE RECESSED INTO FIRE-RATED WALLS SYSTEMS.
- I. FIELD QUALITY CONTROL:
1. ENSURE THAT EACH EXTINGUISHER IS FULLY CHARGED, AND THAT INSPECTION OF EACH EXTINGUISHER HAS BEEN PERFORMED, AS EVIDENCED BY THE NATIONAL ASSOCIATION OF FIRE EQUIPMENT DISTRIBUTORS CERTIFICATION TAG, JUST PRIOR TO TURNOVER.
2. REMOVE TEMPORARY PROTECTIVE COVERINGS AND STRIPPABLE FILMS, IF ANY, AS FIRE PROTECTION CABINETS ARE INSTALLED UNLESS OTHERWISE INDICATED IN MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
3. ADJUST FIRE PROTECTION CABINET DOORS TO OPERATE EASILY WITHOUT BINDING. VERIFY THAT INTEGRAL LOCKING DEVICES OPERATE PROPERLY.
4. ON COMPLETION OF FIRE PROTECTION CABINET INSTALLATION, CLEAN INTERIOR AND EXTERIOR SURFACES AS RECOMMENDED BY MANUFACTURER.
5. TOUCH UP MARRED FINISHES, OR REPLACE FIRE PROTECTION CABINETS THAT CANNOT BE RESTORED TO FACTOR-FINISHED APPEARANCE. USE ONLY MATERIALS AND PROCEDURES RECOMMENDED OR FURNISHED BY FIRE PROTECTION CABINET AND ACCESSORY MANUFACTURER.
6. REPLACE FIRE PROTECTION CABINETS THAT HAVE BEEN DAMAGED OR HAVE DETERIORATED BEYOND SUCCESSFUL REPAIR BY FINISH TOUCH UP OR SIMILAR MINOR REPAIR PROCEDURES.

- SECTION 10810 - TOILET ACCESSORIES
- A. GENERAL: PROVIDE TOILET ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
- B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.
- C. SUBMITTALS: SUBMIT PRODUCT DATA.
- D. MANUFACTURERS: BOBRICK, BRADLEY, OR AMERICAN SPECIALTIES.
- E. TYPES: STAINLESS STEEL ACCESSORIES AS INDICATED ON DRAWINGS; PROVIDE GRAB BARS WITH CONCEALED MOUNTING, SIZES AND SHAPES AS INDICATED AND AS REQUIRED BY APPLICABLE CODES AND REGULATIONS.
- F. MATERIALS: STAINLESS STEEL, ASTM A666 / ASTM A269, COMMERCIAL GRADE, TYPE 302/304, NUMBER 4 SATIN FINISH, SATIN CHROME ACCEPTABLE WHERE STAINLESS STEEL IS NOT AVAILABLE FOR ACCESSORY ITEM SCHEDULED; GAGES AS STANDARD WITH MANUFACTURER OF SPECIFIED ITEMS.
1. FASTENERS, SCREWS, AND BOLTS: HOT DIP GALVANIZED; AS RECOMMENDED BY ACCESSORY MANUFACTURER FOR COMPONENT AND SUBSTRATE.
2. CONCEALED SURFACES: PRETREAT AND CLEAN, SPRAY APPLY ONE COAT PRIMER AND BAKED ENAMEL FINISH. FEELS FIRM AND DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE THUMB PRESSURE.
- G. FABRICATION: WELD AND GRIND SMOOTH JOINTS OF FABRICATED COMPONENTS; FORM EXPOSED SURFACES FROM ONE SHEET OF STOCK, FREE OF JOINTS.
1. FABRICATE UNITS WITH TIGHT SEAMS AND JOINTS, EXPOSED EDGES ROLLED; HANG DOORS AND ACCESS PANELS WITH CONTINUOUS PIANO HINGES; PROVIDE CONCEALED ANCHORAGE WHERE POSSIBLE.
2. PROVIDE STEEL ANCHOR PLATES AND ANCHOR COMPONENTS FOR INSTALLATION.
3. FORM SURFACES FLAT WITHOUT DISTORTION; MAINTAIN FLAT SURFACES WITHOUT SCRATCHES AND WITHOUT DENTS; FINISH EXPOSED EDGES EASED, FREE OF SHARP EDGES WHERE POTENTIAL EXISTS FOR PHYSICAL CONTACT.
4. HOT DIP GALVANIZE FERROUS METAL ANCHORS AND FASTENING DEVICES.
5. SHOP ASSEMBLE COMPONENTS; PACKAGE COMPLETE WITH ANCHORS AND FITTINGS.
- H. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODES AND REGULATIONS.
1. PROVIDE/DELIVER INSERTS, TEMPLATES, ADM ROUGH IN MEASUREMENTS TO SITE FOR A TIMELY INSTALLATION.
2. INSTALL PLUMB AND LEVEL, SECURELY AND RIGIDLY ANCHORED TO SUBSTRATE.
3. MOUNTING HEIGHTS AND LOCATIONS: AS REQUIRED BY ACCESSIBILITY REGULATIONS AND AS INDICATED ON THE DRAWINGS.

DIVISION ELEVEN: EQUIPMENT (PER KITCHEN EQUIPMENT VENDOR)

DIVISION TWELVE: FURNISHINGS (PER FURNITURE VENDOR)

DIVISION THIRTEEN: SPECIAL CONSTRUCTION (NOT USED)

DIVISION FOURTEEN: CONVEYING SYSTEMS (NOT USED)

DIVISION FIFTEEN: MECHANICAL REFER TO MECHANICAL DRAWINGS.

DIVISION SIXTEEN: ELECTRICAL REFER TO MECHANICAL DRAWINGS.

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW ARCHITECTMENT SERVICES LEE'S SUMMIT, MISSOURI

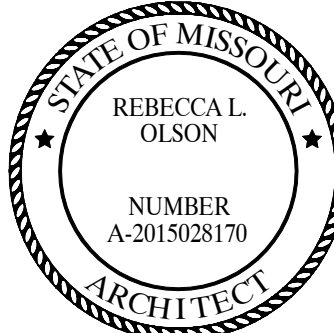
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