

ABBREVIATIONS GENERAL PROJECT NOTES

Table with columns for ABBREVIATIONS and GENERAL PROJECT NOTES. Includes lists of abbreviations for materials, dimensions, and construction terms, along with general and drawing notes regarding project requirements and standards.

MARWAHA GROUP PROJECT DATA SHEET INDEX

Project title and address: MARWAHA GROUP, 6863 FRIARS ROAD, FLR 2 & 3, SAN DIEGO, CALIFORNIA 92110. Includes a note: (For Tenant Improvement Permit Only).

Table containing PROJECT DATA (Building Department, Codes, Classification, Separation, etc.) and SHEET INDEX (Architectural, Electrical, Mechanical, Plumbing, Structural sheets).

Table with columns: SYMBOLS LEGEND, OWNER / DEVELOPER (MARWAHA GROUP), ARCHITECT (WARE MALCOMB), CONSULTANTS (Electrical, Mechanical & Plumbing, Structural Engineers), and VICINITY MAP (Location map of the project site).

Table with columns: TITLE SHEET (Date, Remarks), REMARKS, and SHEET INDEX (Structural sheets S1, S2, S3).

Vertical sidebar containing: WARE MALCOMB logo, Marwaha Group logo, project address (6863 Friars Road, Flr 2 & 3, San Diego, California), and a vertical title 'ISSUE FOR CONSTRUCTION'.

H:\Jobs\11 The Marwaha Group\SD011-6064-00_6863_Friars_Rd_Renovation\001\CD\6064-A01.dwg

ACCESSIBLE ROUTE OF TRAVEL

NOTE: ACCESSIBLE ROUTE OF TRAVEL IS DEFINED AS "A CONTINUOUS UNOBSTRUCTED PATH CONNECTING ALL ACCESSIBLE ELEMENTS AND SPACES IN AN ACCESSIBLE BUILDING OR FACILITY THAT CAN BE NEGOTIATED BY A PERSON WITH A SEVERE DISABILITY USING A WHEELCHAIR AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS WITH OTHER DISABILITIES", AND THAT IS CONSISTENT WITH THE DEFINITION OF "PATH OF TRAVEL" PER STATE & LOCAL CODES.

EGRESS & AREAS OF REFUGE

1. IN BUILDINGS OR PORTIONS OF BUILDINGS REQUIRED TO BE ACCESSIBLE, ACCESSIBLE MEANS OF EGRESS SHALL BE PROVIDED IN THE SAME NUMBER AS REQUIRED FOR EXITS PER "EGRESS" CHAPTER OF LOCAL CODE.

NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED

1. IF EMERGENCY WARNING SYSTEMS ARE REQUIRED, THEY SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. EMERGENCY WARNING SYSTEMS AS PART OF THE FIRE-ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72 AS AMENDED PER STATE AND LOCAL CODES.

HAZARDS & PROTRUDING OBJECTS

1. OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES.

ENTRANCES, EXITS & DOORS

NOTE: THE TERM "EXIT DOOR" SHALL MEAN ALL OF THOSE DOORS OR DOORWAYS ALONG THE PATH OF EXIT TRAVEL ANYWHERE IN A MEANS OF EGRESS SYSTEM.

CONTROLS AND OPERATING MECHANISMS

1. CONTROLS AND OPERATING MECHANISMS ARE REQUIRED TO BE ACCESSIBLE PER LOCAL CODES.

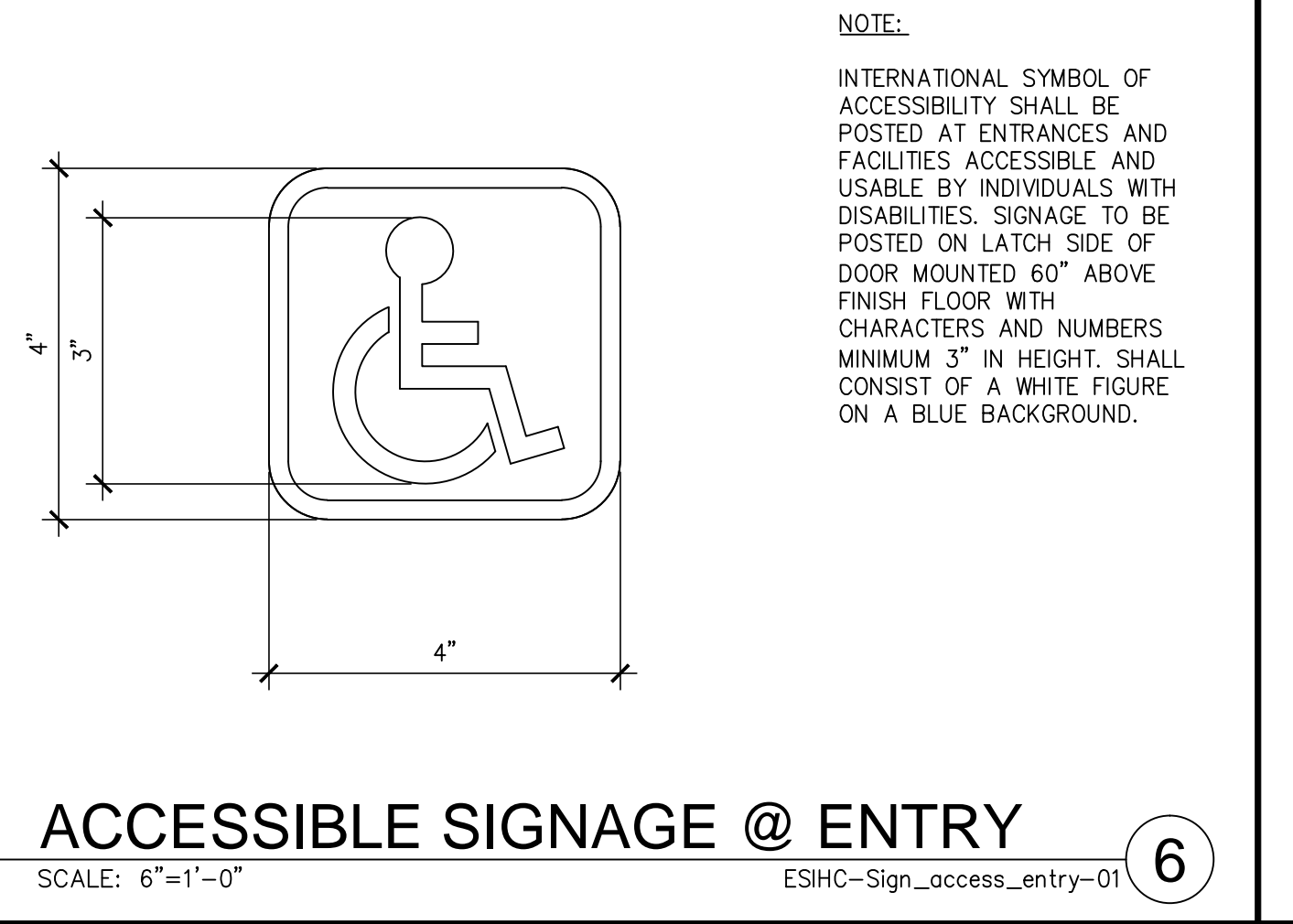
SIGNS & IDENTIFICATION

1. WHEN NEW OR ADDITIONAL SIGNS AND/OR IDENTIFICATION DEVICES ARE PROVIDED, OR WHEN EXISTING SIGNS AND/OR IDENTIFICATION DEVICES ARE REPLACED OR ALTERED, THE NEW OR ALTERED SIGNS AND/OR IDENTIFICATION DEVICES SHALL COMPLY WITH LOCAL CODES.

CORRIDORS, HALLWAYS AND AISLES

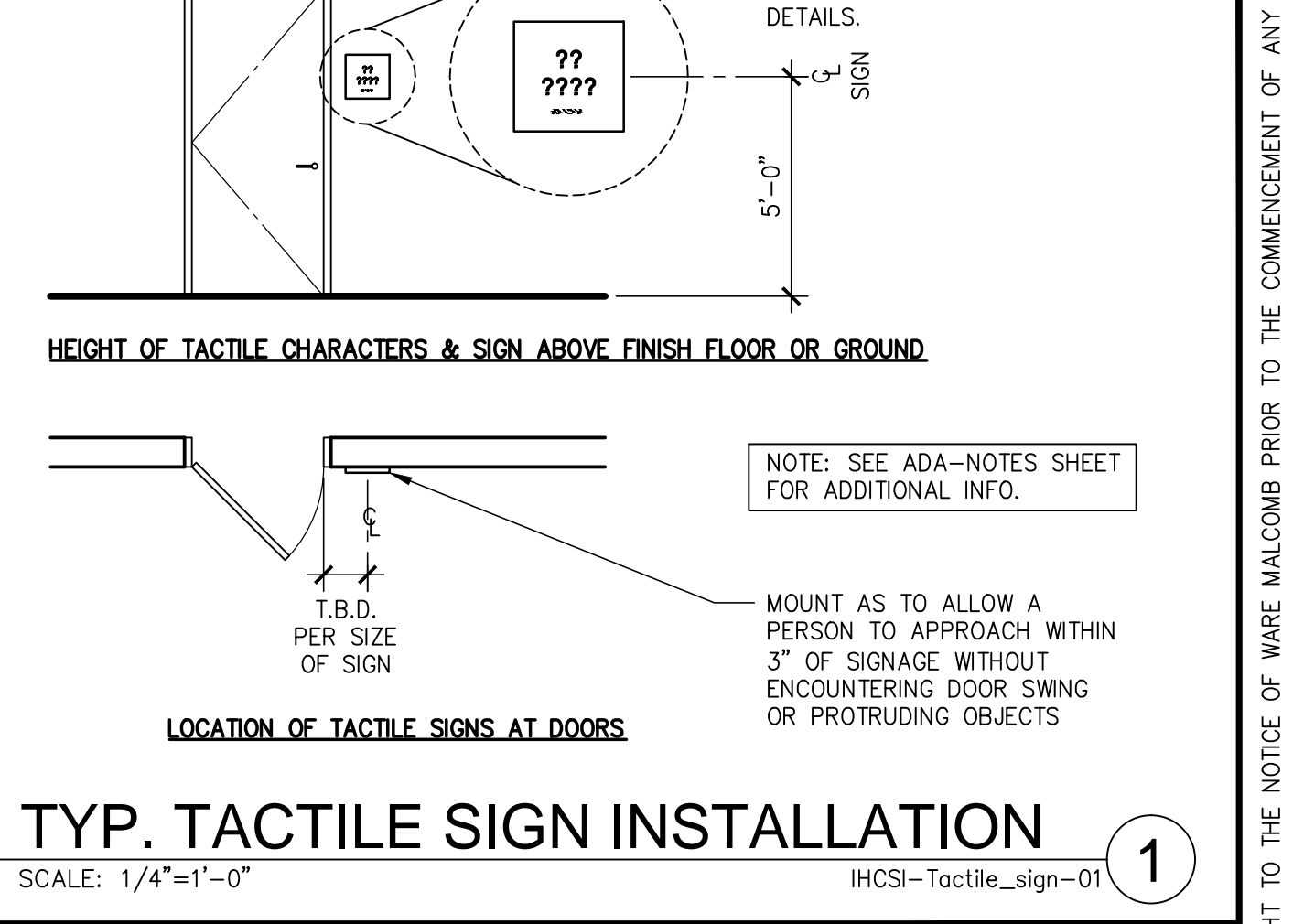
NOTE: THE TERM CORRIDOR SHALL INCLUDE EXTERIOR EXIT BALCONIES AND ANY COVERED OR ENCLOSED EXIT PASSAGEWAY, INCLUDING WALKWAYS, TUNNELS AND MALLS.

ACCESSIBLE SIGNAGE @ ENTRY



ACCESSIBLE SIGNAGE @ ENTRY SCALE: 6"=1'-0" ESHC-Sign_access_entry-01

TYP. TACTILE SIGN INSTALLATION



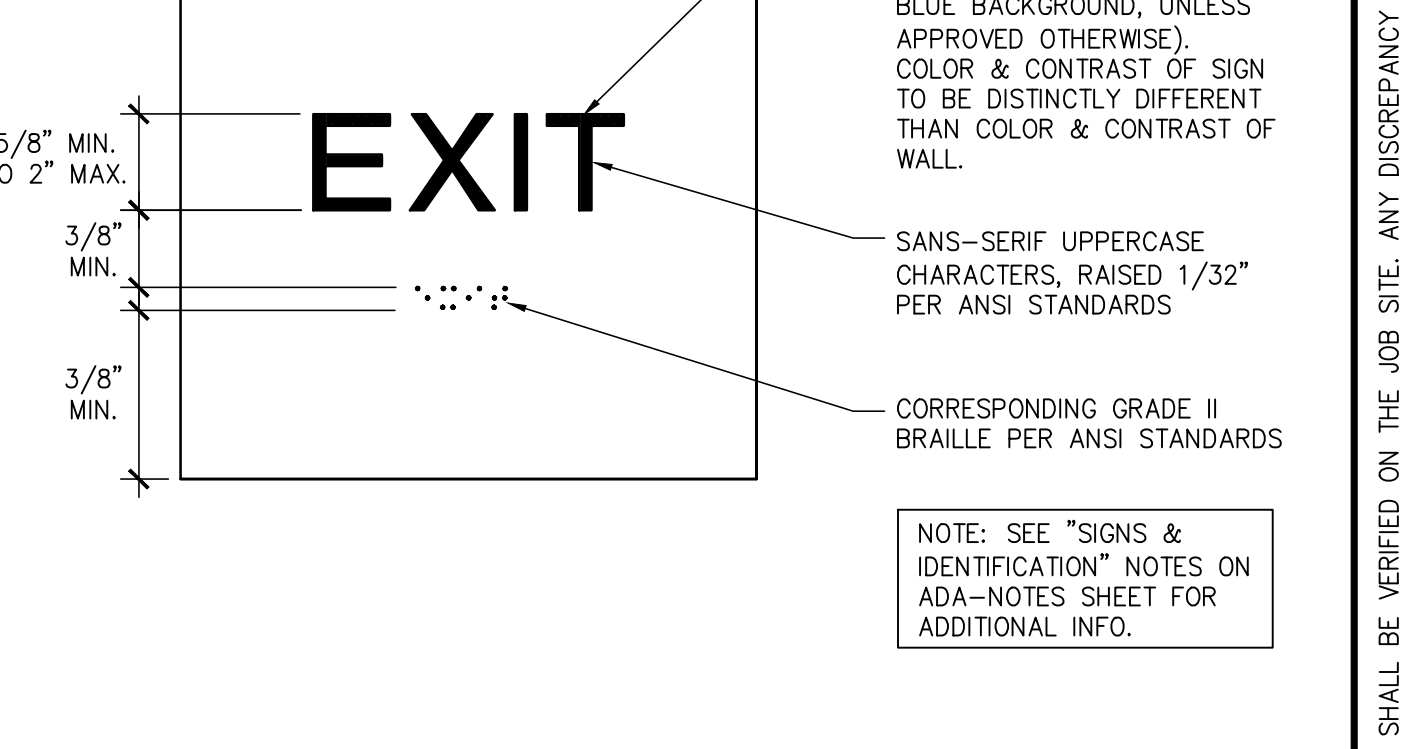
TYP. TACTILE SIGN INSTALLATION SCALE: 1/4"=1'-0" IHCSI-Tactile_sign-01

TACTILE "EXIT" SIGN



TACTILE "EXIT" SIGN SCALE: 3"=1'-0" IHCSI-Tactile_exit-01

TACTILE "TO EXIT" SIGN



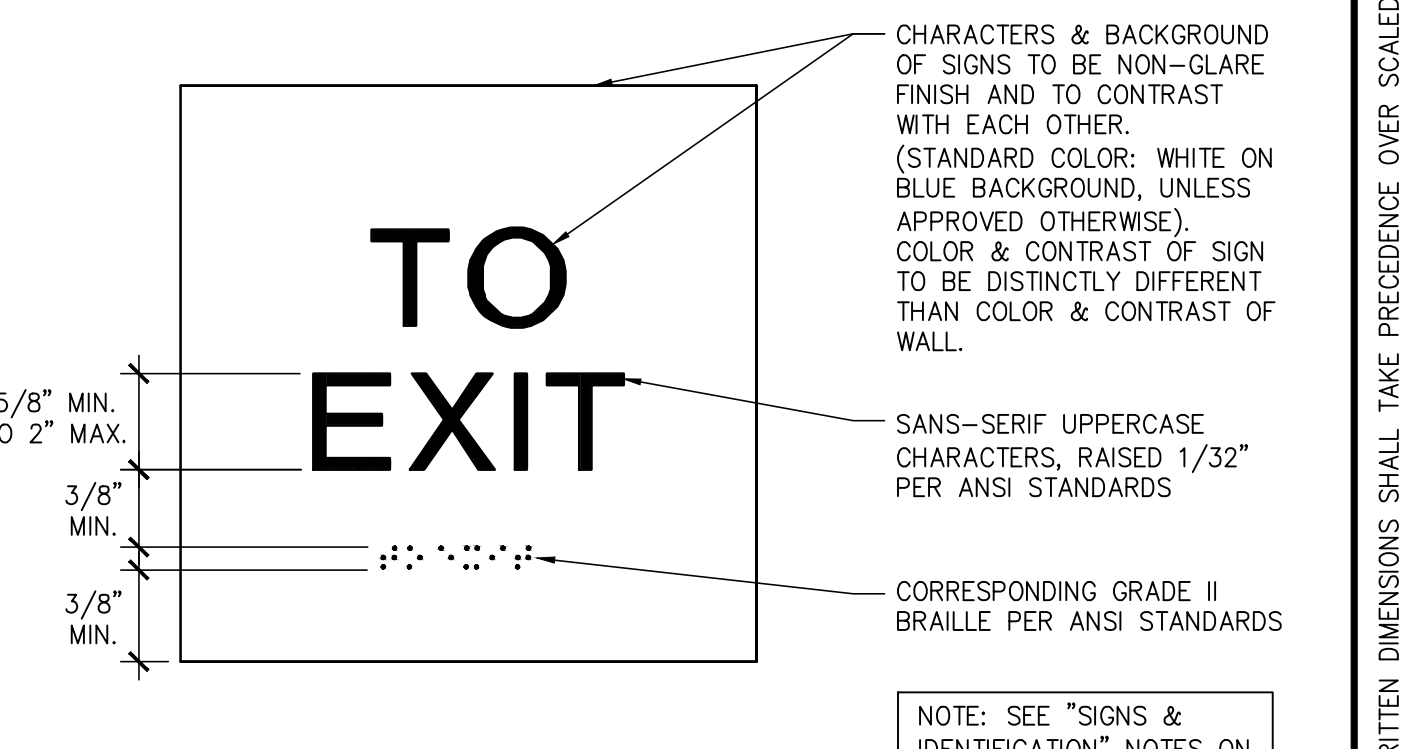
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TACTILE "EXIT ROUTE" SIGN



TACTILE "EXIT ROUTE" SIGN SCALE: 3"=1'-0" IHCSI-Tactile_exit_route-01

TACTILE "TO EXIT ROUTE" SIGN



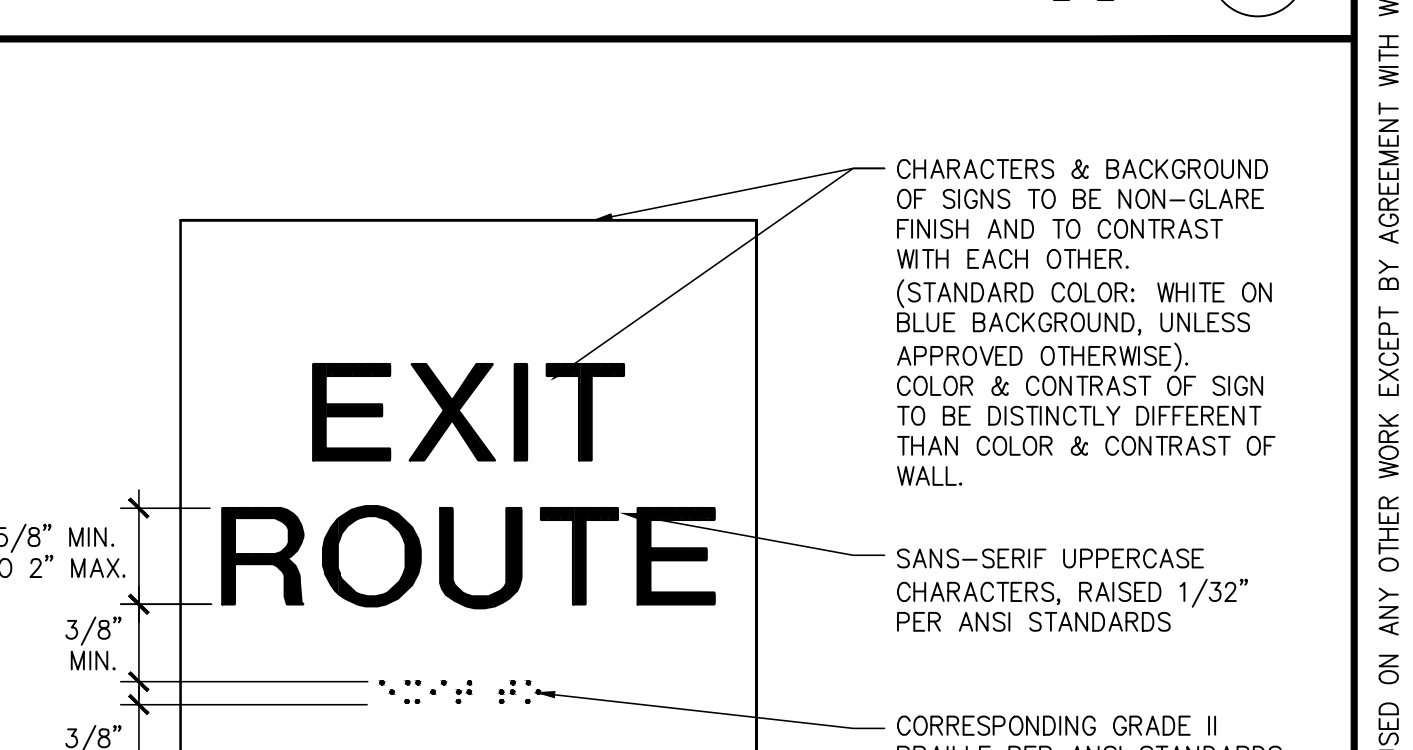
TACTILE "TO EXIT ROUTE" SIGN SCALE: 3"=1'-0" IHCSI-Tactile_to_exit_route-01

TACTILE "EXIT STAIR DOWN" SIGN



TACTILE "EXIT STAIR DOWN" SIGN SCALE: 3"=1'-0" IHCSI-Tactile_exit_stair_down-01

TACTILE "EXIT STAIR DOWN" SIGN



TACTILE "EXIT STAIR DOWN" SIGN SCALE: 3"=1'-0" IHCSI-Tactile_exit_stair_down-01

WARE MALCOLM Leading Design for Commercial Real Estate

MARWAHA GROUP 6863 FRIARS ROAD, FLR 2 & 3 SAN DIEGO, CALIFORNIA

Table with columns: DATE, REMARKS, PLAN CHECK, RE-SUBMITAL, ISSUE FOR CONSTRUCTION.

ACCESSIBILITY NOTES & DETAILS SHEET A0.3

SANITARY FACILITIES

GENERAL
NOTE: SANITARY FACILITIES THAT SERVE BUILDINGS, FACILITIES OR PORTIONS OF BUILDINGS OR FACILITIES THAT ARE REQUIRED TO BE ACCESSIBLE TO PERSONS WITH DISABILITIES ARE REQUIRED TO BE ACCESSIBLE.
1. WHERE SEPARATE FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS OF EACH SEX, SEPARATE FACILITIES SHALL BE PROVIDED FOR PERSONS WITH DISABILITIES OF EACH SEX ALSO.

SANITARY FACILITY FIXTURES & ACCESSORIES

- 1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF A MAXIMUM 2-INCH HIGH TOILET SEAT, WITH THE EXCEPTION THAT A 3-INCH HIGH SEAT SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15 INCHES HIGH.
2. URINALS SHALL BE FLOOR-MOUNTED OR WALL-HUNG. WHERE ONE OR MORE WALL-HUNG URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14 INCHES FROM THE WALL AND A MAXIMUM OF 17 INCHES ABOVE THE FLOOR SHALL BE PROVIDED.

GRAB BARS

- 1. GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ON ONE SIDE AND THE BACK OF THE ACCESSIBLE TOILET STALL OR COMPARTMENT.
2. GRAB BARS SHALL BE SECURELY ATTACHED 33 INCHES ABOVE AND PARALLEL TO THE FLOOR, EXCEPT THAT WHERE A TANK-TYPE TOILET IS USED WHICH OBSTRUCTS PLACEMENT AT 33 INCHES, THE GRAB BAR MAY BE AS HIGH AS 36 INCHES.

SINGLE ACCOMMODATION SANITARY FACILITIES

- NOTE: A SINGLE ACCOMMODATION SANITARY FACILITY IS DEFINED AS "A ROOM THAT HAS NOT MORE THAN ONE OF EACH TYPE OF SANITARY FIXTURE, IS INTENDED FOR USE BY ONLY ONE PERSON AT A TIME, HAS NO PARTITION AROUND THE TOILET, AND HAS A DOOR THAT CAN BE LOCKED ON THE INSIDE BY THE ROOM OCCUPANT."
1. THERE SHALL BE SUFFICIENT SPACE IN THE TOILET ROOM FOR A WHEELCHAIR MEASURING 30" WIDE BY 48" LONG TO ENTER THE ROOM AND PERMIT THE DOOR TO CLOSE.

SANITARY FACILITIES (cont.)

MULTIPLE ACCOMMODATION SANITARY FACILITIES

- NOTE: A MULTIPLE ACCOMMODATION SANITARY FACILITY IS DEFINED AS "A ROOM THAT HAS MORE THAN ONE SANITARY FIXTURE, IS INTENDED FOR THE USE OF MORE THAN ONE PERSON AT A TIME, AND WHICH USUALLY IS PROVIDED WITH PRIVACY COMPARTMENTS OR SCREENS SHIELDING SOME FIXTURES FROM VIEW."
1. THERE SHALL BE A CLEAR SPACE MEASURED FROM THE FLOOR TO A HEIGHT OF 27" ABOVE THE FLOOR, WITHIN THE SANITARY FACILITY ROOM, OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 60" OR CLEAR SPACE OF 56" BY 63" IN SIZE. OTHER THAN THE DOOR TO THE ACCESSIBLE TOILET COMPARTMENT, A DOOR, IN ANY POSITION, MAY ENCRoACH INTO THIS SPACE BY NOT MORE THAN 12".

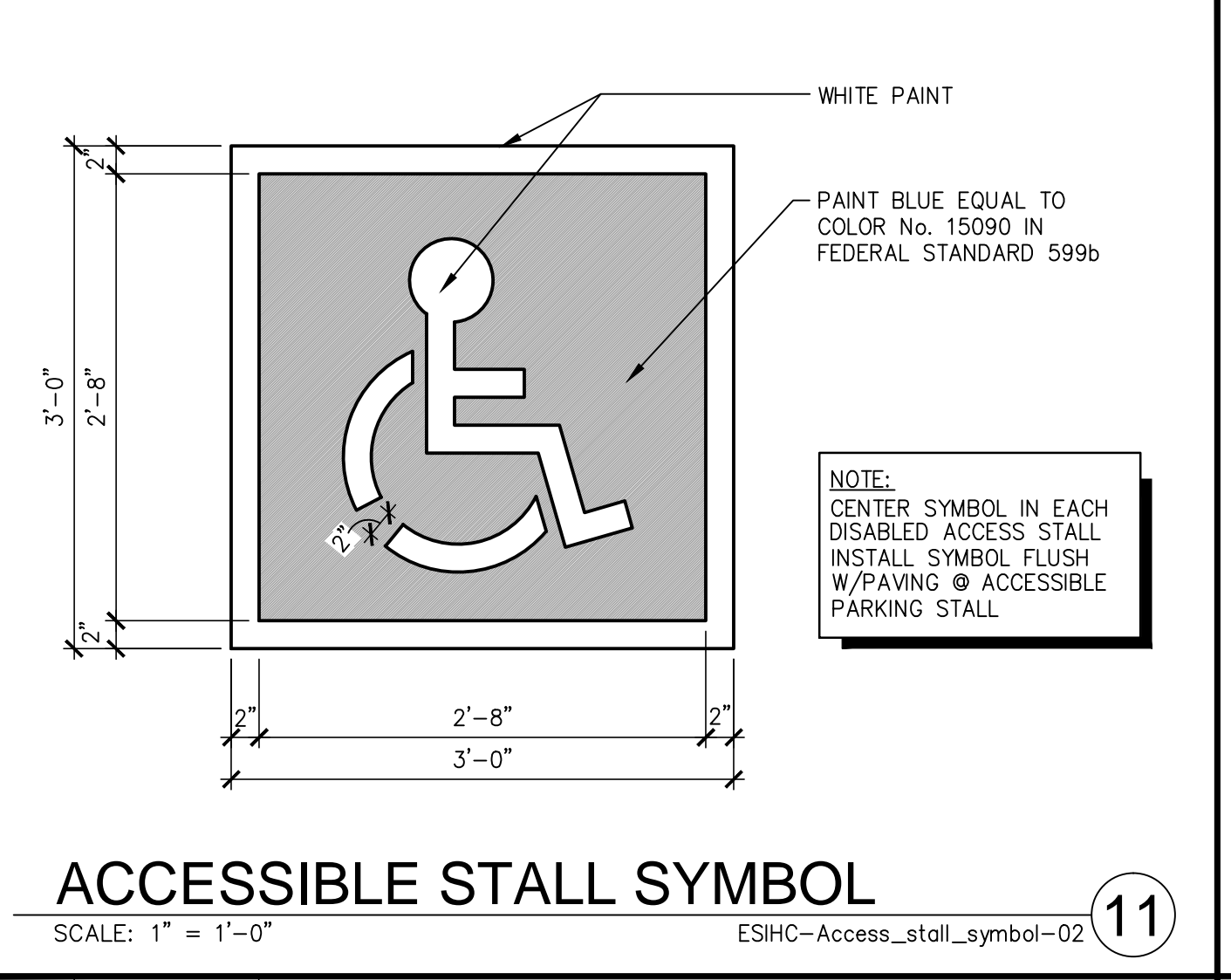
BATHING FACILITIES & LOCKERS

- NOTE: WHERE FACILITIES FOR BATHING ARE PROVIDED FOR THE PUBLIC, CLIENTS OR EMPLOYEES, INCLUDING SHOWERS OR LOCKERS, AT LEAST ONE SUCH FACILITY, AND NOT LESS THAN 1 PERCENT OF ALL FACILITIES, SHALL CONFORM TO STATE AND LOCAL CODES.
1. COMPARTMENT SHOWERS SHALL BE 60 INCHES MINIMUM IN WIDTH BETWEEN WALL SURFACES AND 30 INCHES MINIMUM IN DEPTH WITH A FULL OPENING WIDTH ON THE LONG SIDE, OR 42 INCHES IN WIDTH BETWEEN WALL SURFACES AND 48 INCHES MINIMUM IN DEPTH WITH AN ENTRANCE OPENING OF 42 INCHES. AS AN ALTERNATE, SHOWERS 60 INCHES MINIMUM IN WIDTH MAY BE 36 INCHES MINIMUM IN DEPTH AS LONG AS THE ENTRANCE OPENING WIDTH IS A MINIMUM 36 INCHES.

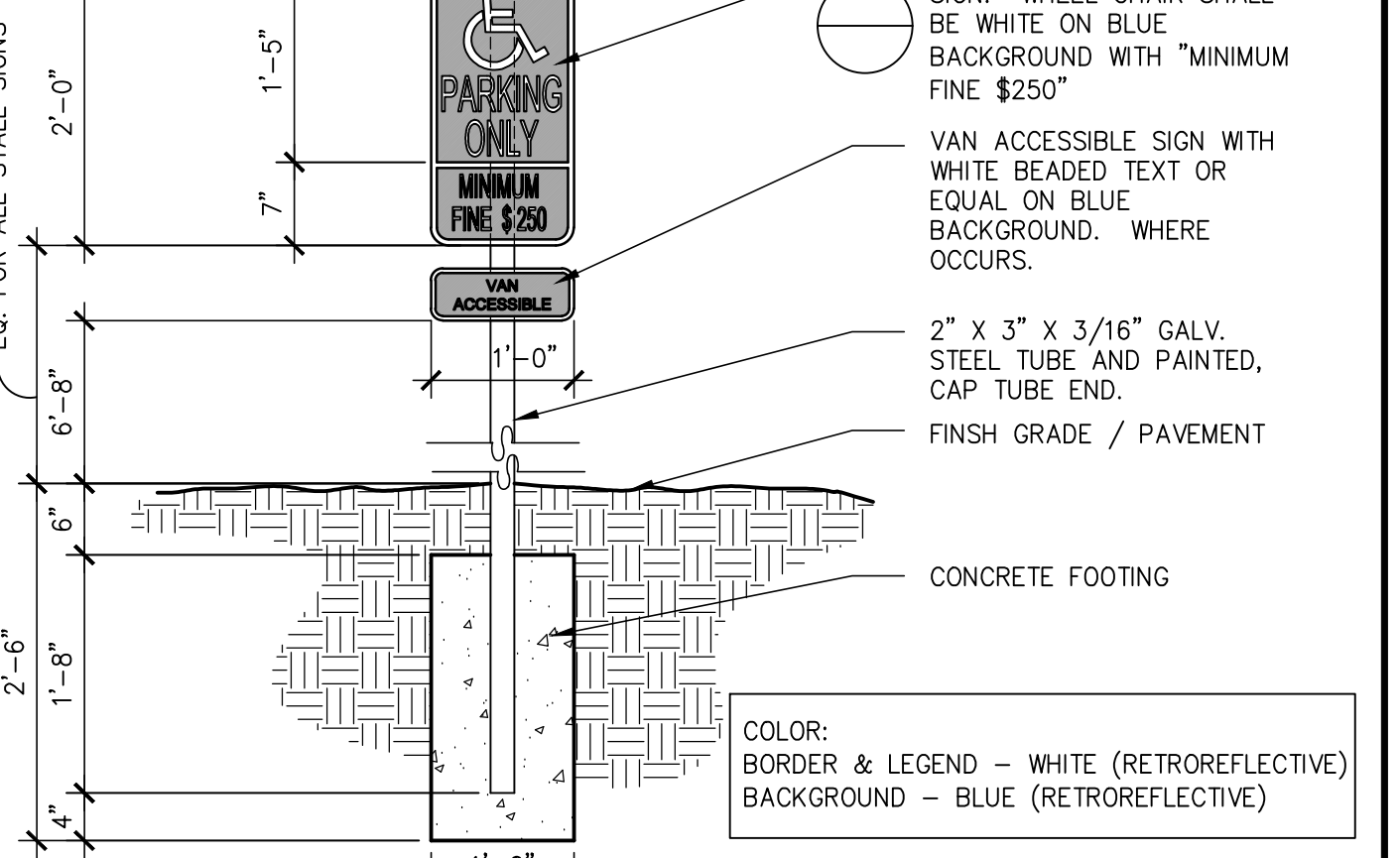
ACCESSIBLE STALL SYMBOL



ACCESSIBLE SINGLE TOILET



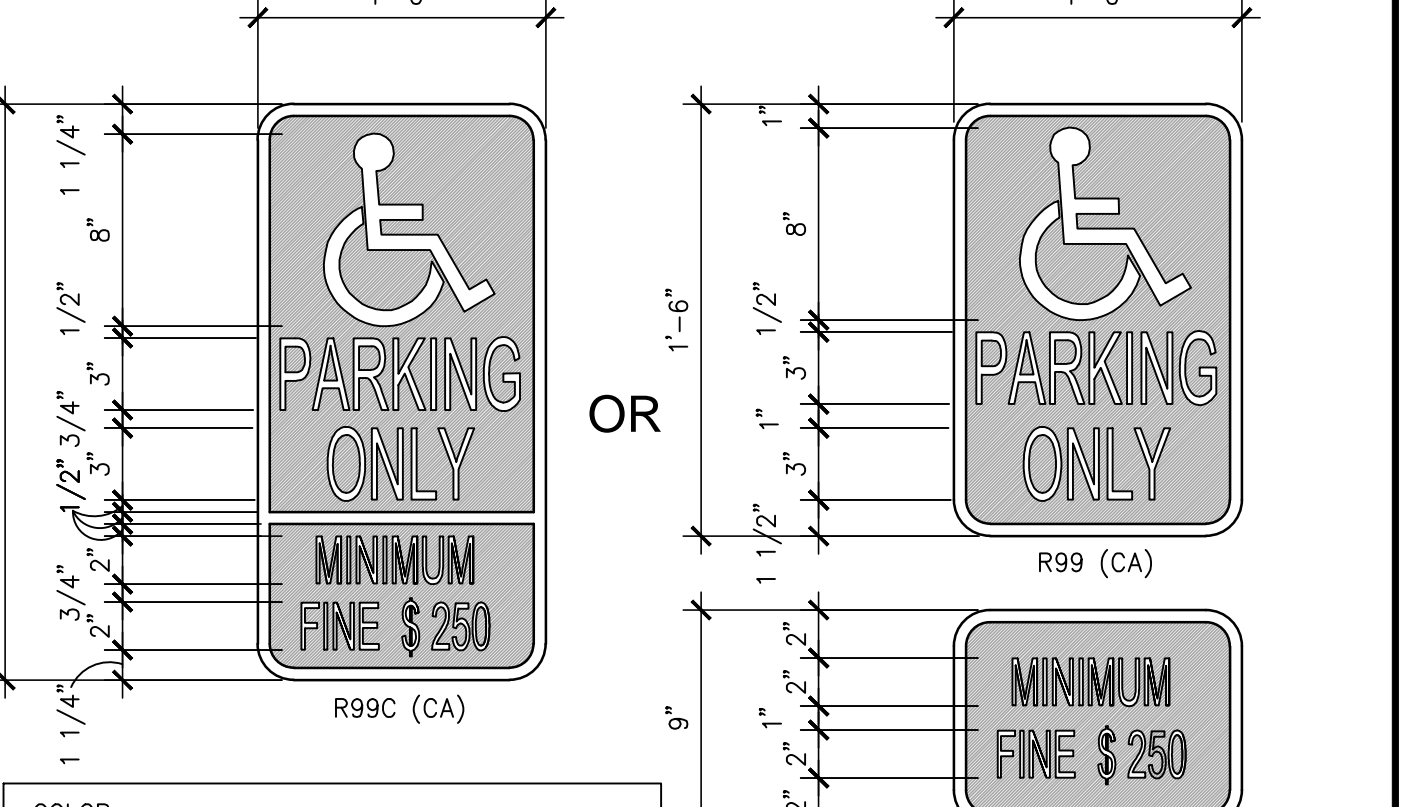
ACCESSIBLE URINAL



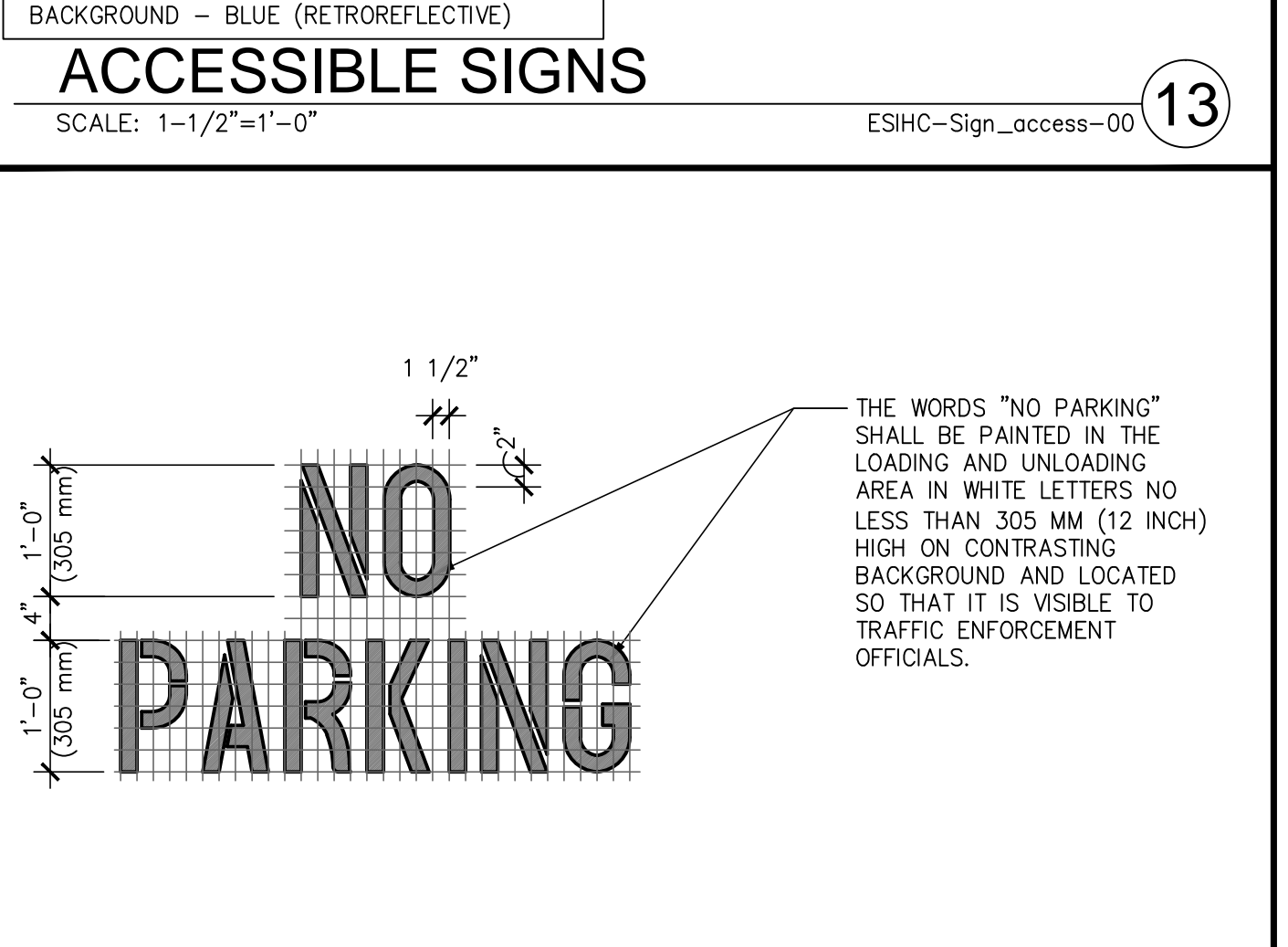
ACCESSIBLE RESTROOM SIGNAGE



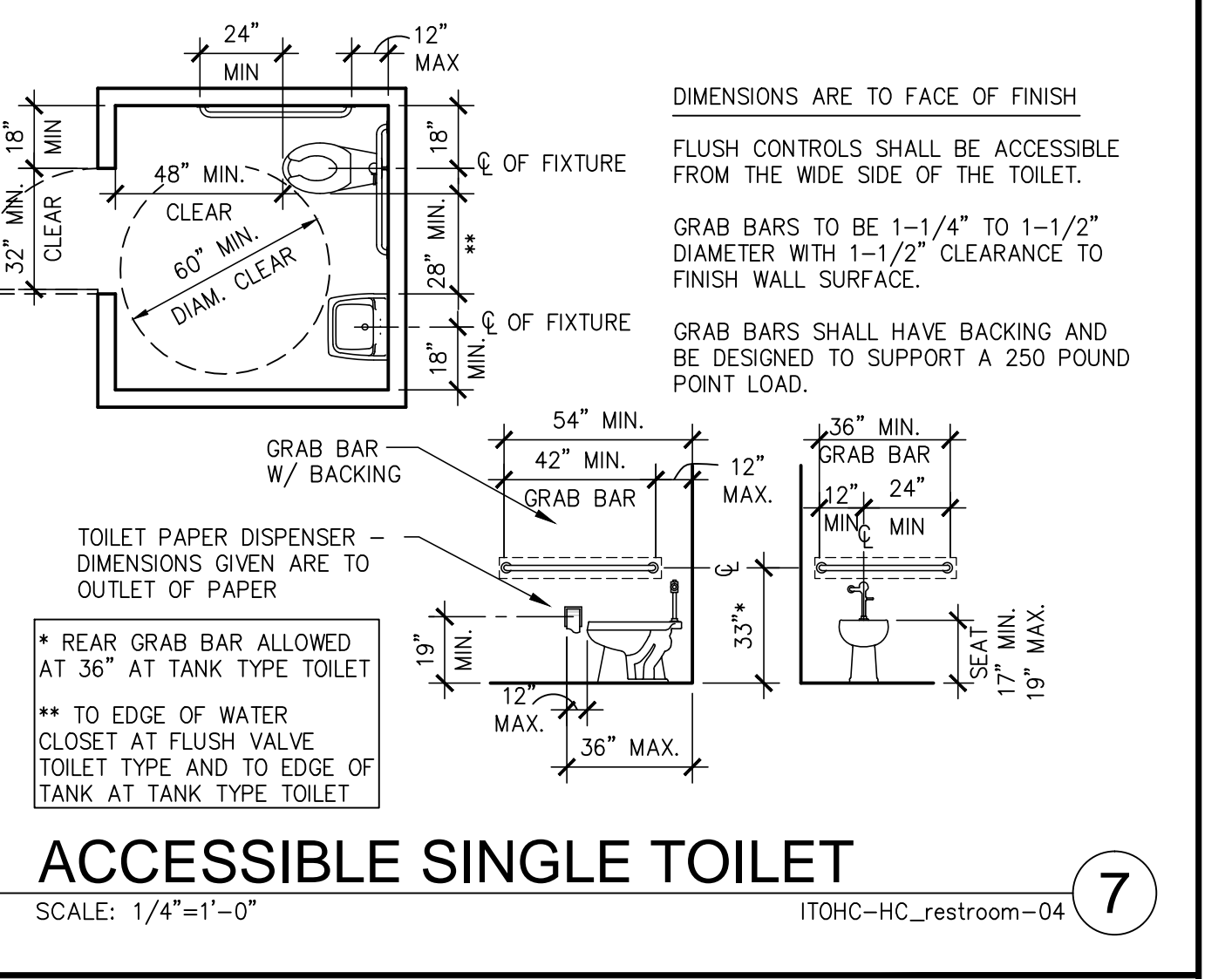
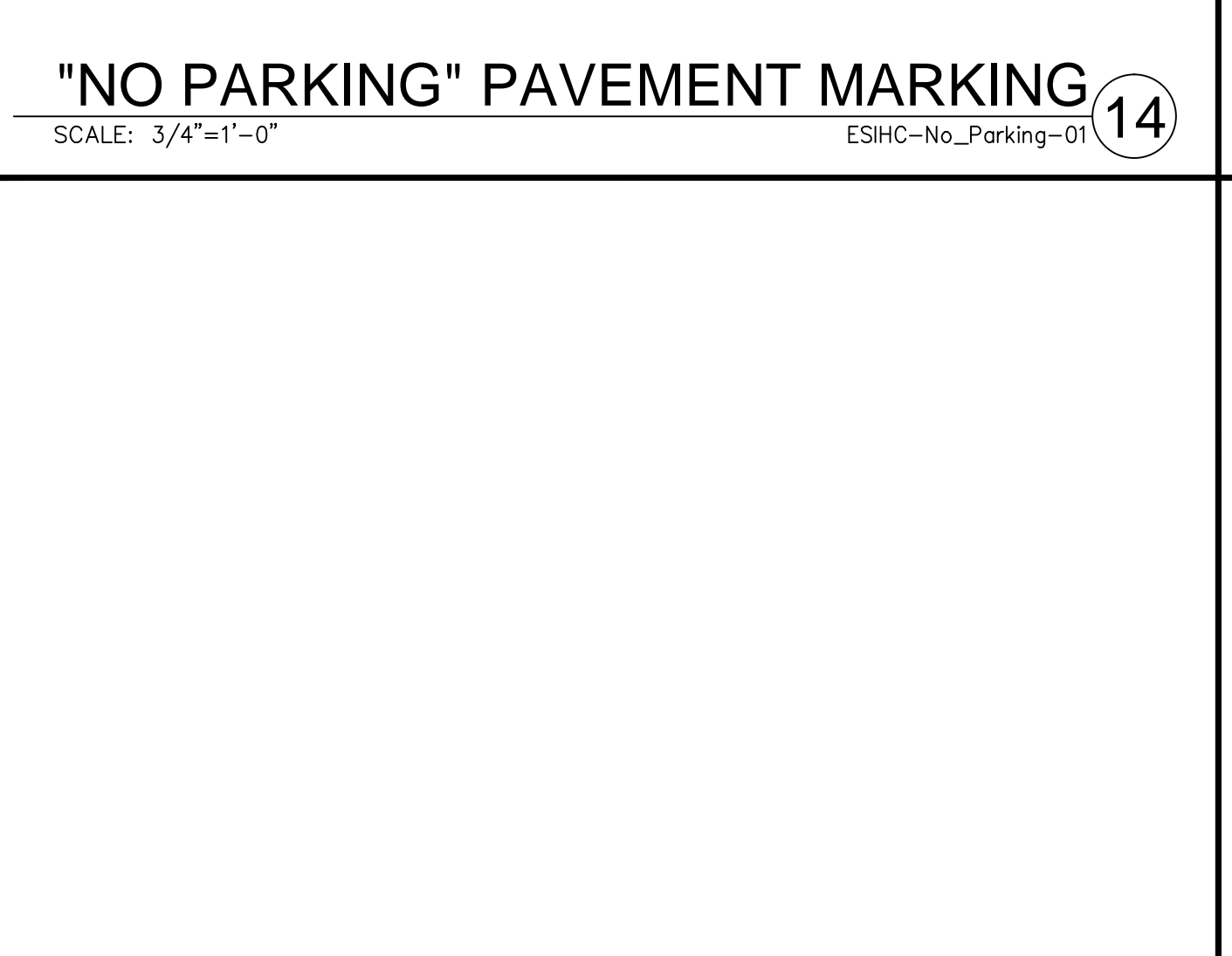
ACCESSIBLE TOILET



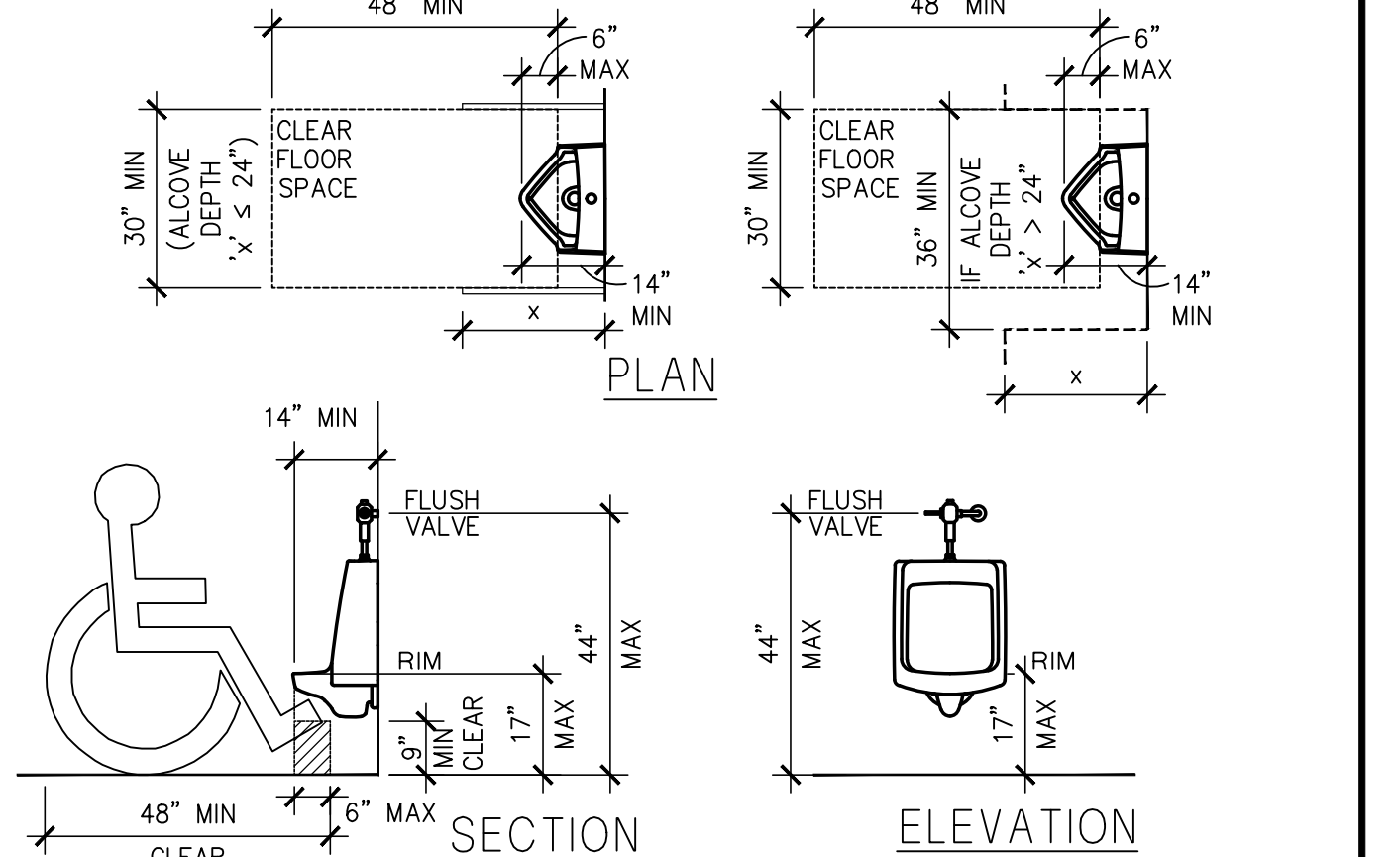
ACCESSIBLE LAVATORY



TYPICAL PARKING STALLS



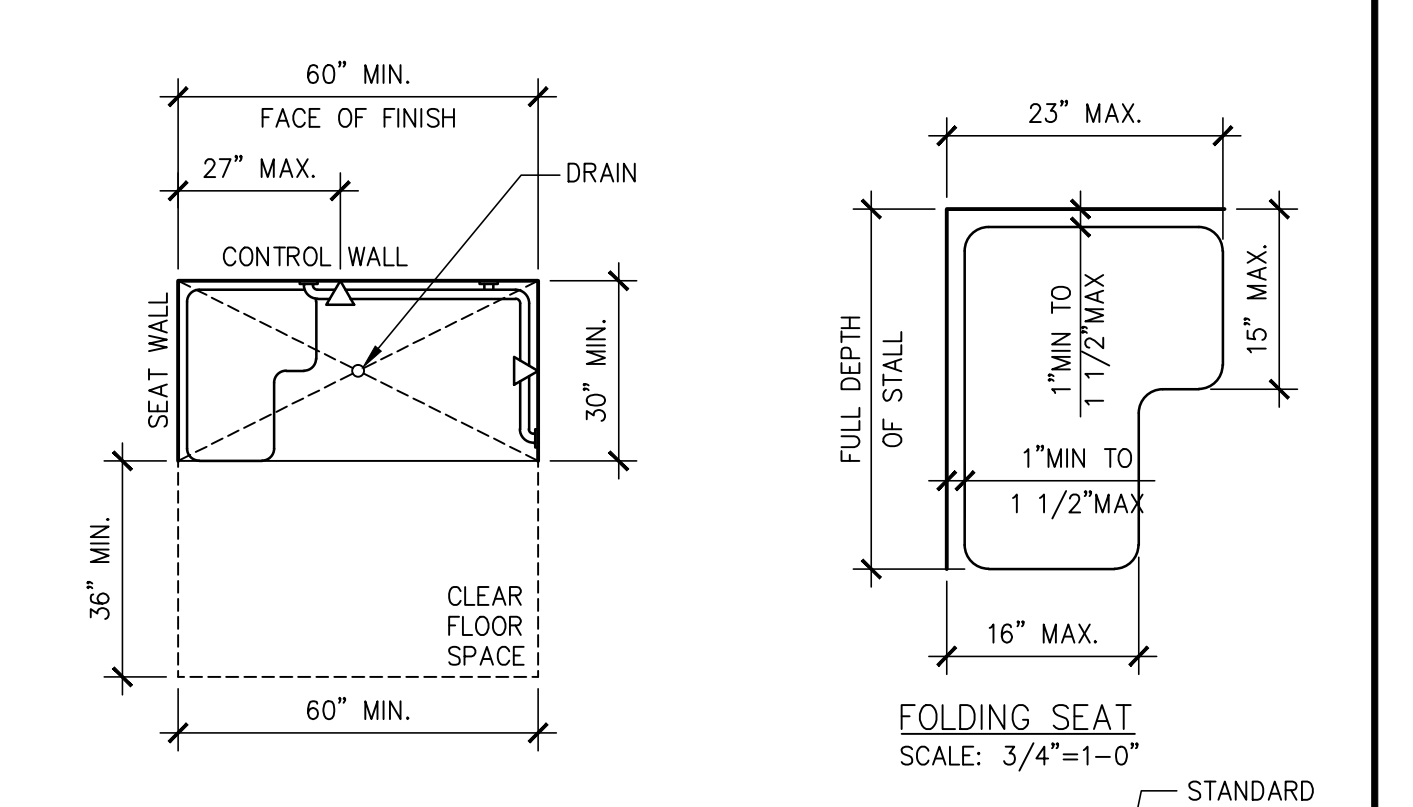
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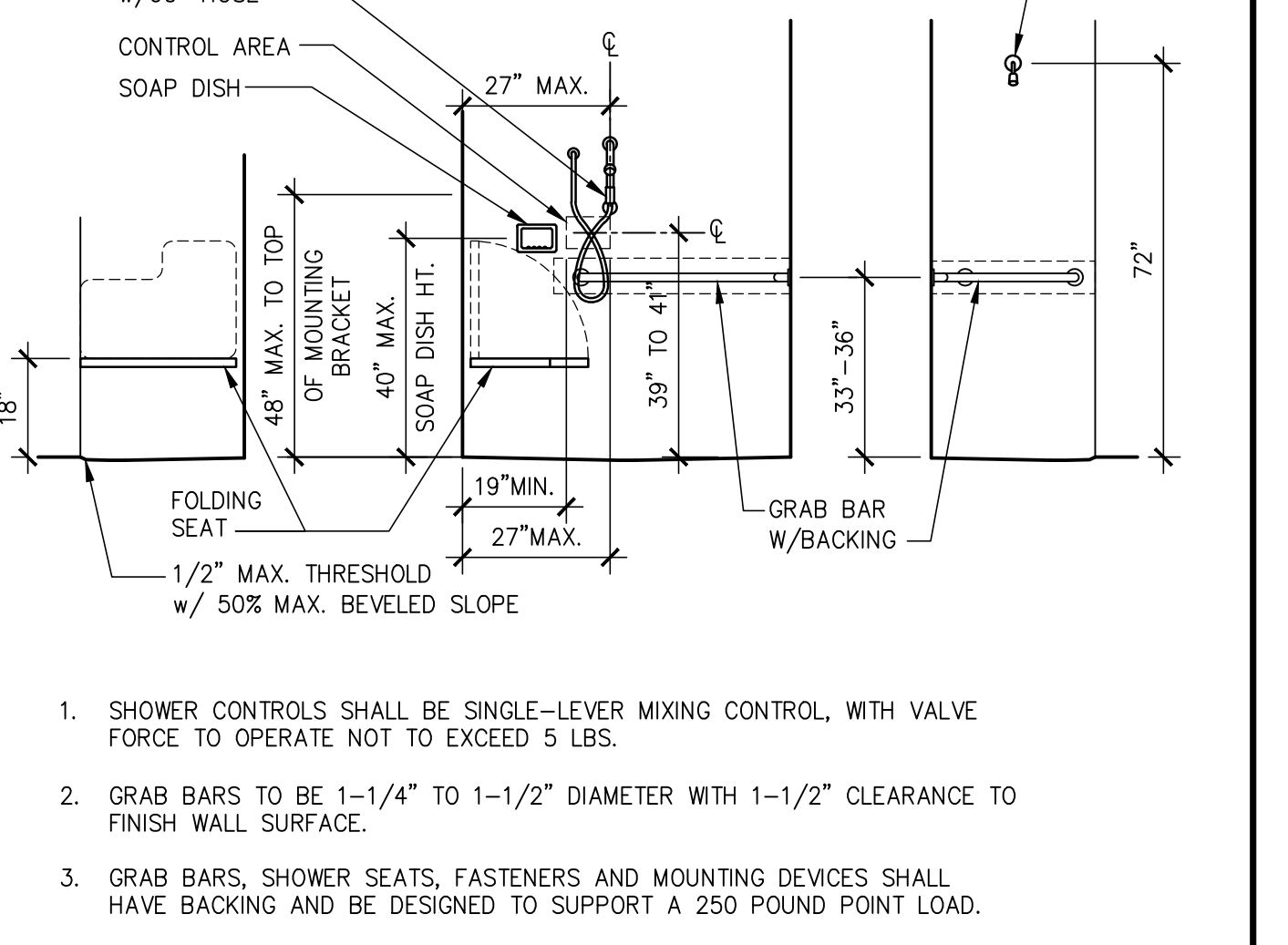
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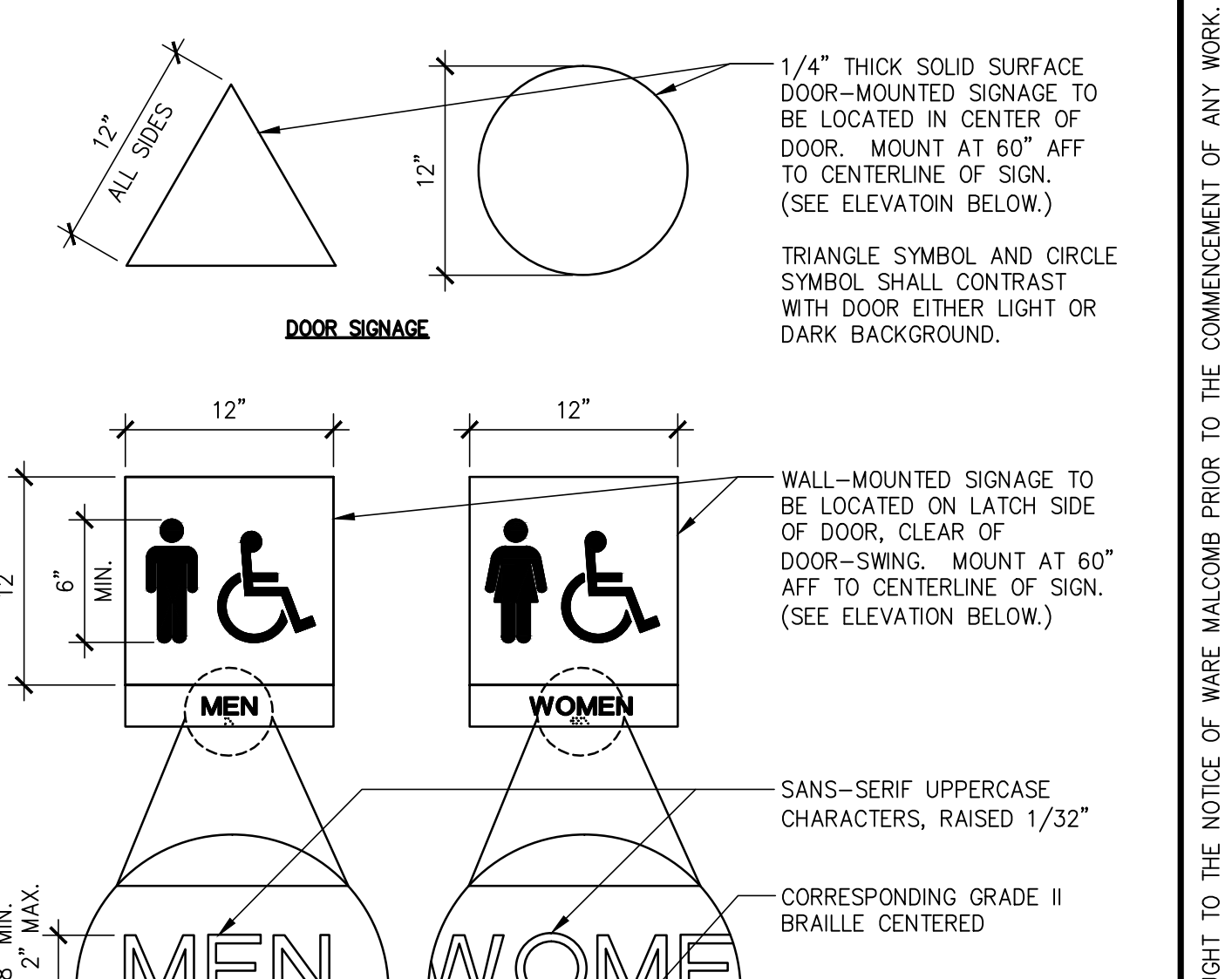
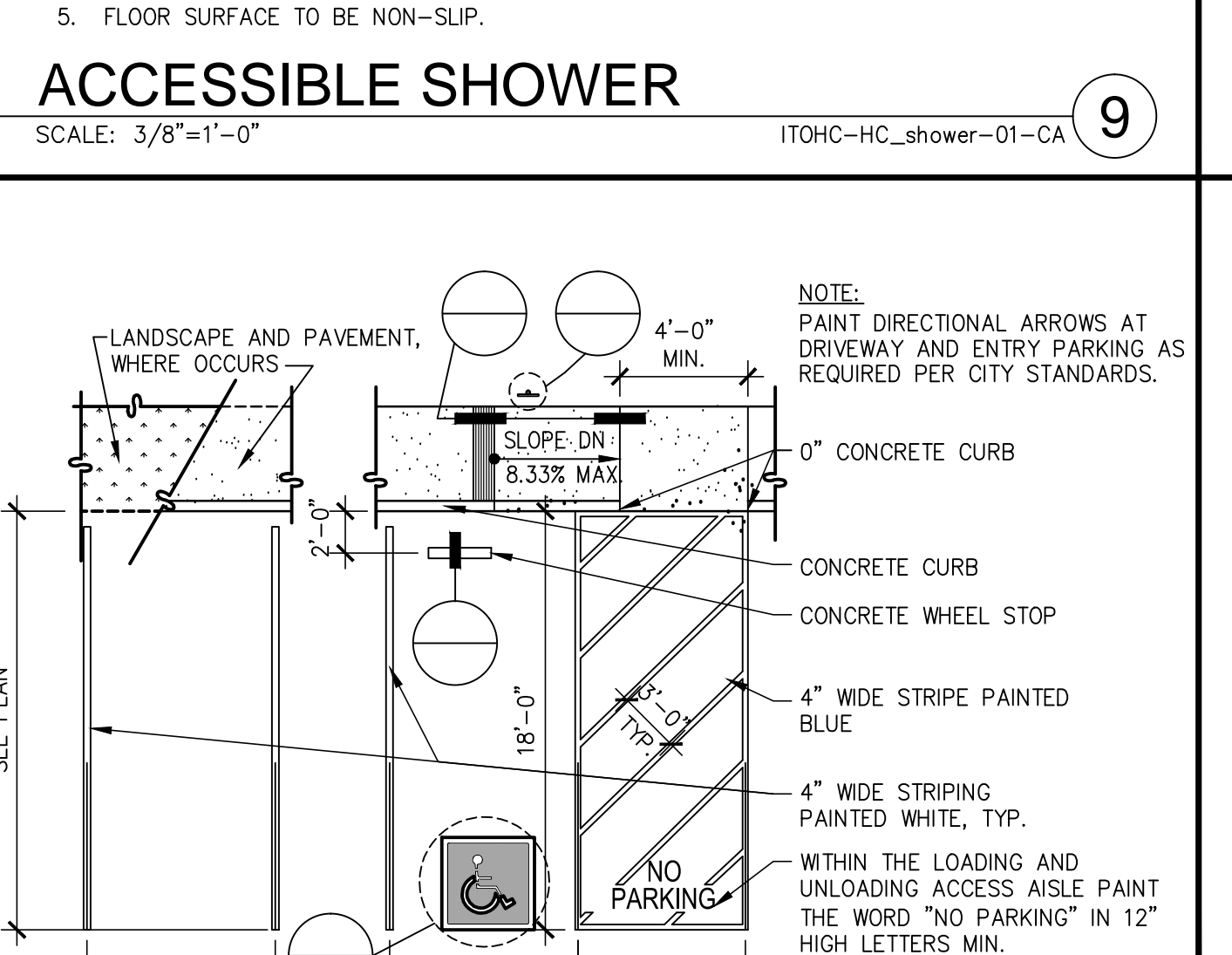
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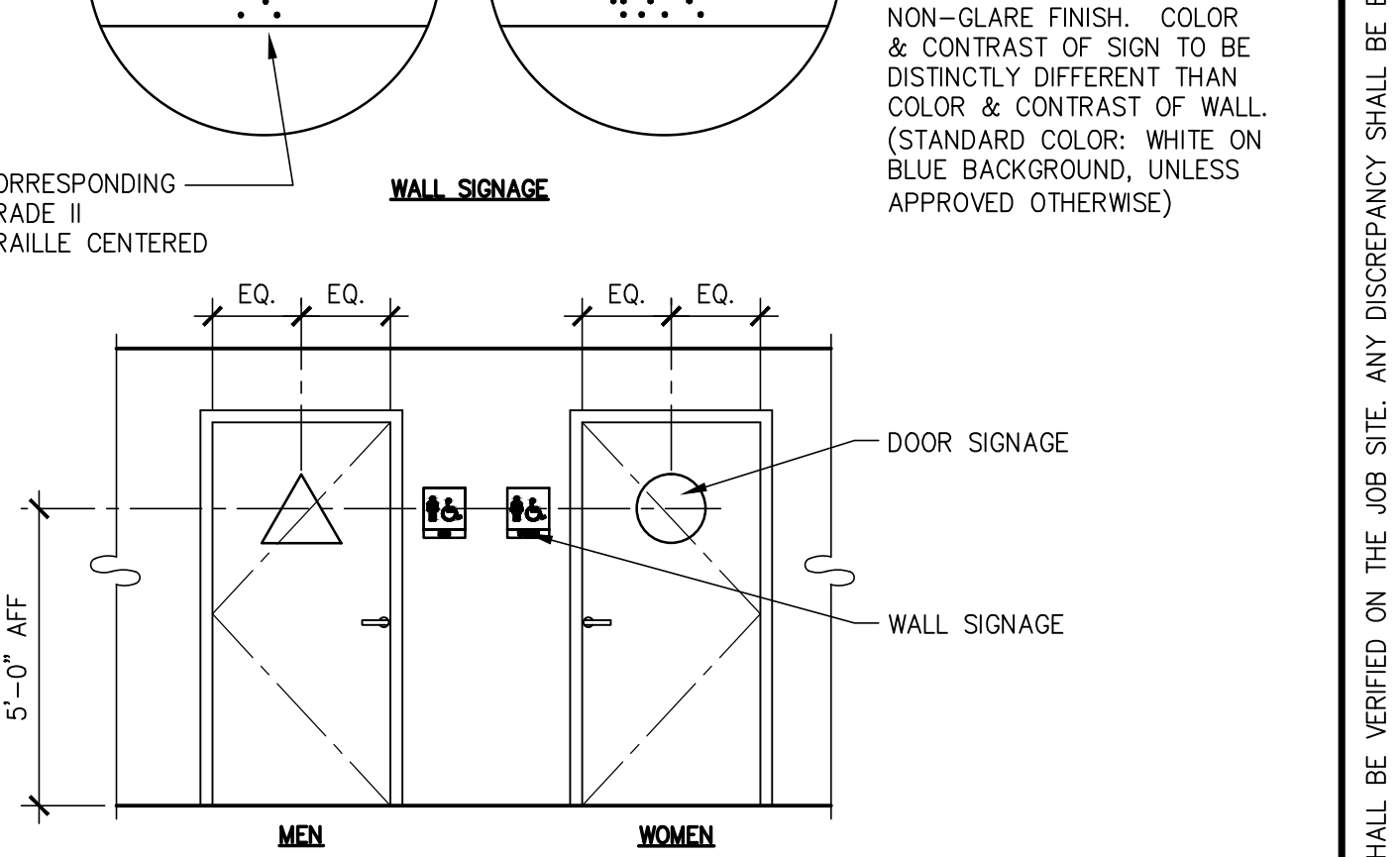
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TYPICAL PARKING STALLS



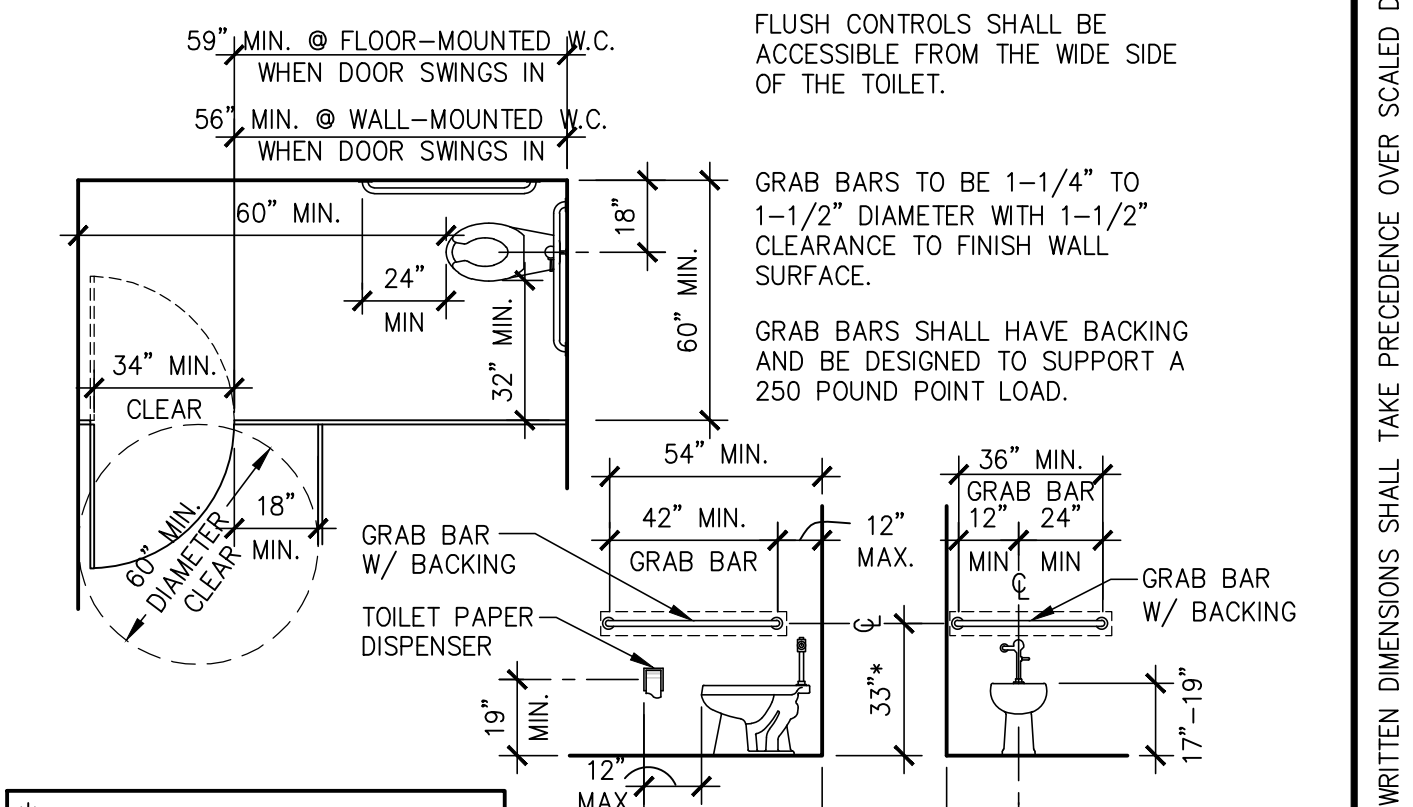
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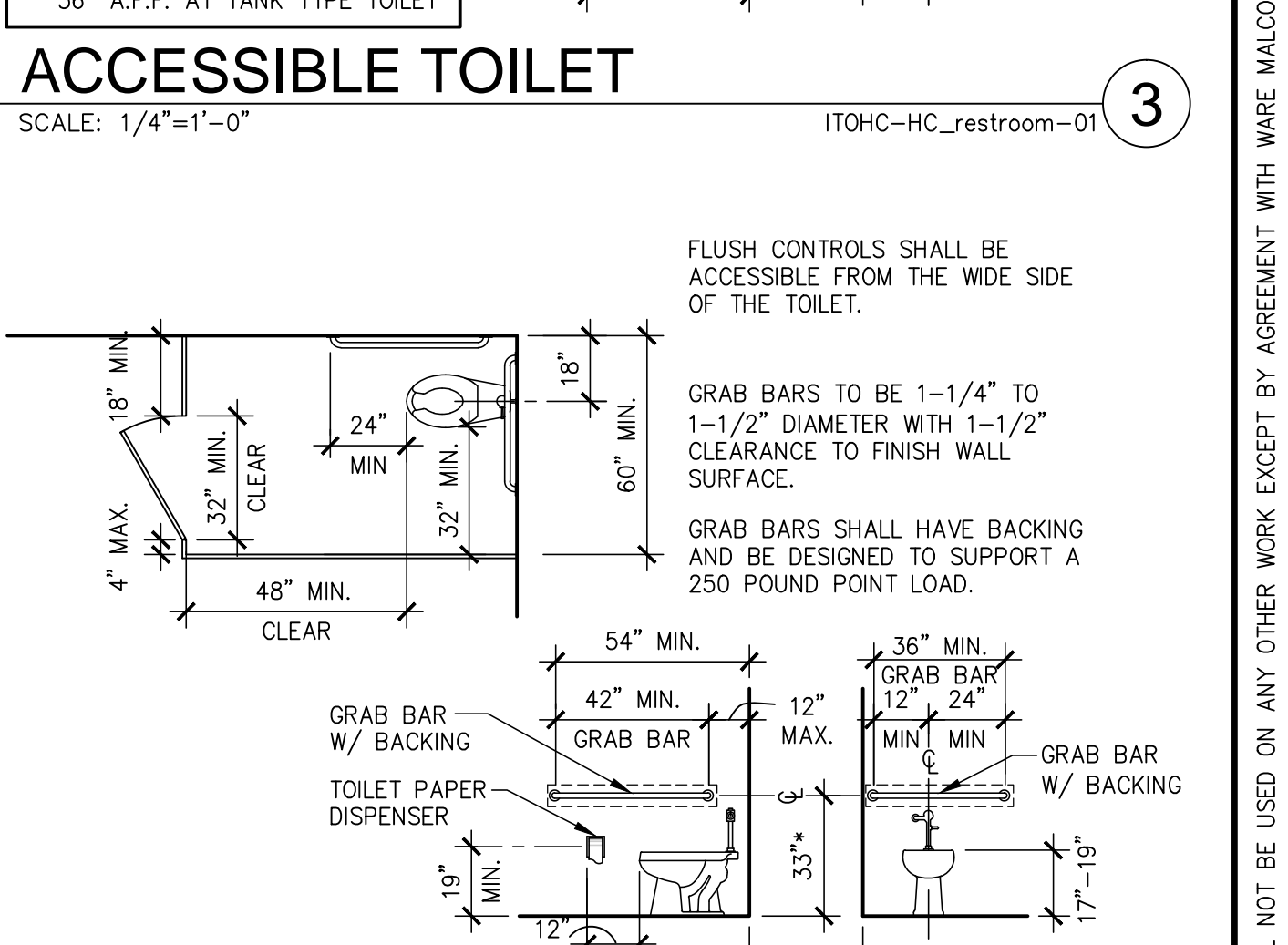
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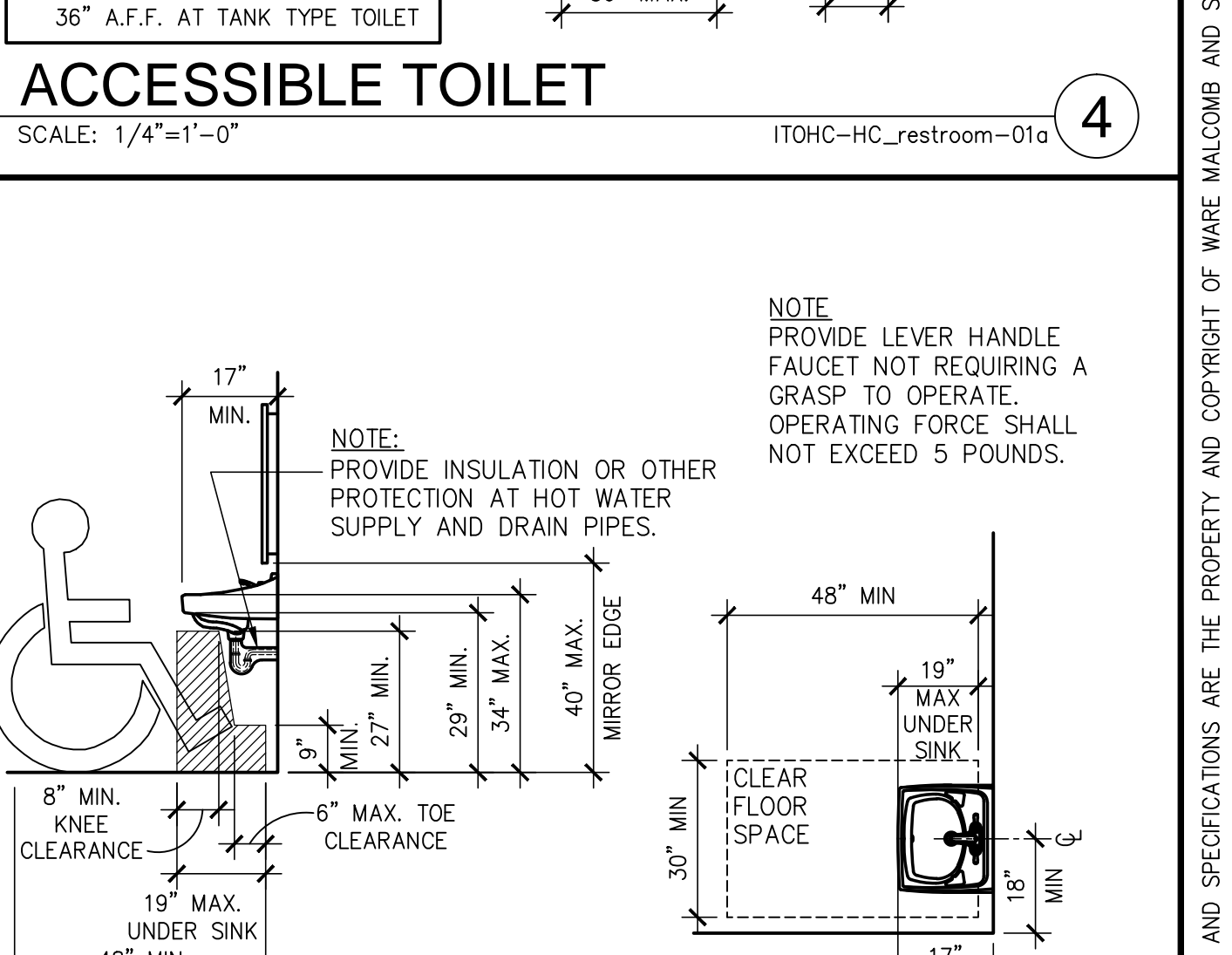
ACCESSIBLE TOILET



ACCESSIBLE LAVATORY



TYPICAL PARKING STALLS

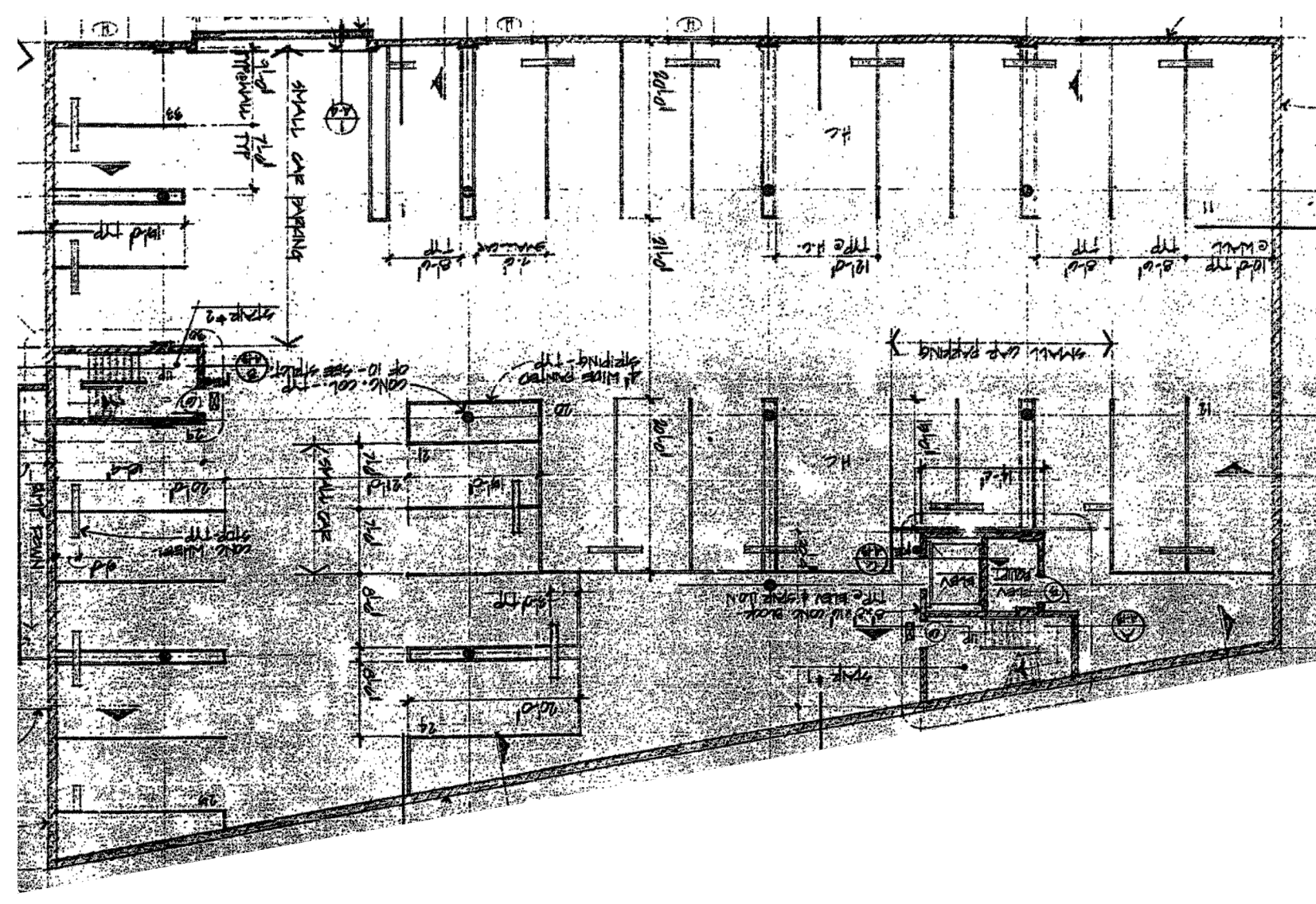


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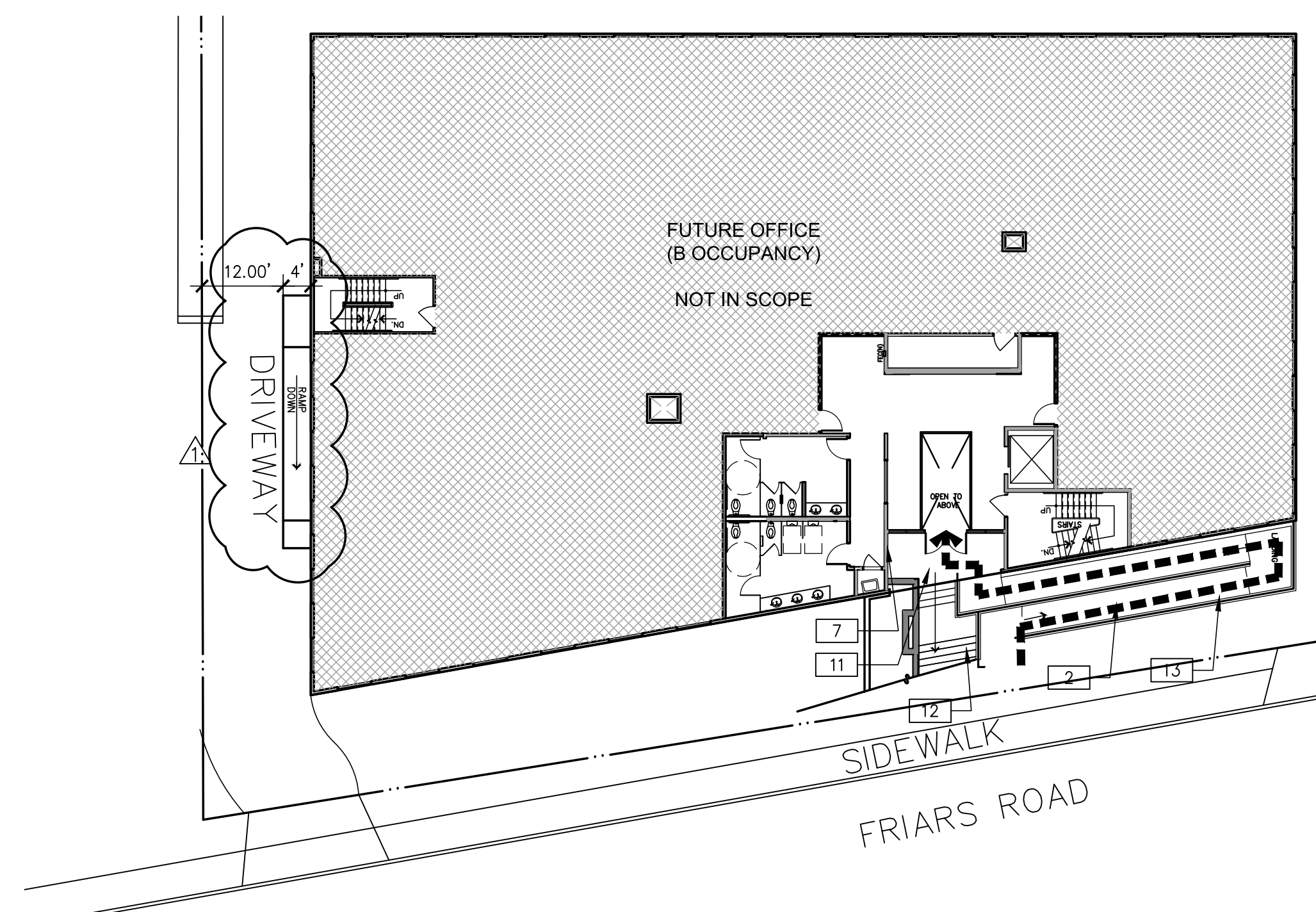
MARWAHA GROUP
6863 FRIARS ROAD, FLR 2 & 3
SAN DIEGO, CALIFORNIA

Table with columns: DATE, REMARKS, PA/PM, DRAWN BY, JOB NO., SHEET. Includes revision notes and project details.



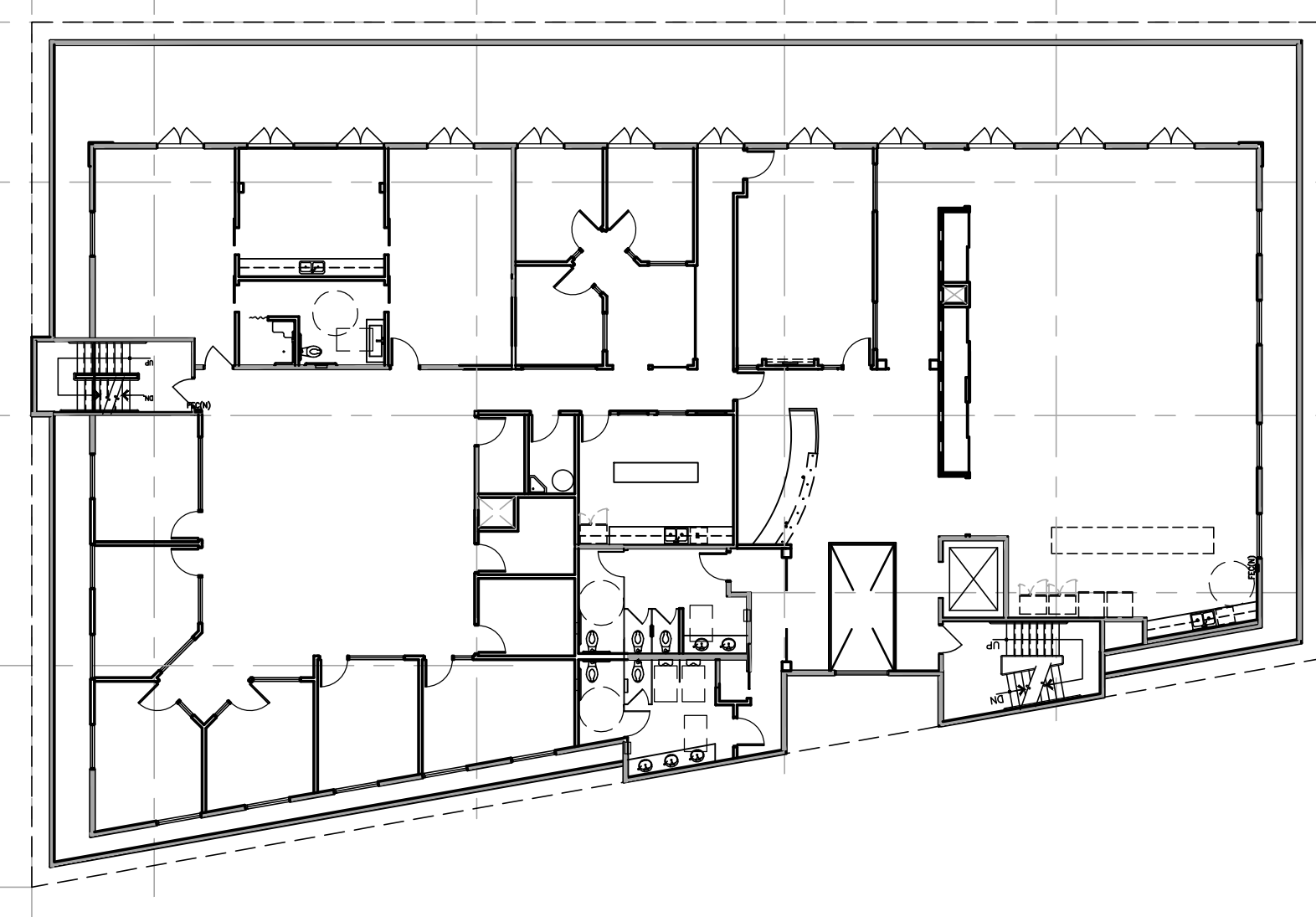
BASEMENT - PARKING GARAGE LEVEL 2

EXISTING PARKING GARAGE TO REMAIN. MATCH HANDICAPPED PARKING UPGRADES AS PARKING LEVEL 2 (SECOND FLOOR).



SECOND FLOOR - STREET LEVEL

SCOPE OF WORK: LOBBY AND RESTROOM UPGRADES



THIRD FLOOR

SCOPE OF WORK: TENANT IMPROVEMENT OF WHOLE FLOOR, RESTROOM AND LOBBY UPGRADES.

PLAN SPECIFIC NOTES

- 1 EXISTING FULLY ACCESSIBLE PRIMARY ENTRANCE TO REMAIN.
- 2 HEAVY DASHED LINE INDICATES EXISTING FULLY ACCESSIBLE PATH OF TRAVEL TO REMAIN.
- 3 EXISTING HANDICAPPED PARKING TO REMAIN. RESTRIPTED AS NEEDED TO BE ADA COMPLIANCE.
- 4 EXISTING FULLY ACCESSIBLE EGRESS TO REMAIN.
- 5 EXISTING FULLY ACCESSIBLE CONCRETE WALK TO REMAIN.
- 6 THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN EACH 5'-0" / 8'-0" (AT VAN SPACE) LOADING AND UNLOADING ACCESS AISLE. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NO LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. CBC SECTION 1129B.4.1 & 1129B.4.2
- 7 EXISTING EMERGENCY PHONE TO REMAIN. GC TO CONFIRM/ENSURE PHONE IS FUNCTIONING CORRECTLY.
- 9 EXISTING HANDICAPPED PARKING: STRIP AS SHOWN TO MAKE FULLY ACCESSIBLE VAN HANDICAPPED PARKING.
- 10 NEW FULL ACCESSIBLE HANDICAPPED PARKING AND SIGNAGE. SEE DETAILS ON SHEET A0.30.
- 11 EXISTING COMPLIANT LEVEL LANDING. (NO MORE THAN 1/4" FT SLOPE IN ANY DIRECTION.
- 12 EXISTING EXTERIOR STAIRS: TO BE MODIFIED TO ACCOMMODATE NEW FULLY ACCESSIBLE RAMP.
- 13 NEW FULLY ACCESSIBLE RAMP.
- 14 PROPERTY LINE (- - - -)
- 15 NEW "NO PARKING" NOTICE AT LOADING AND UNLOADING ACCESS AISLE.
- 16 NEW DETECTABLE WARNING STRIPE: 36" WIDE, COMPLYING WITH CBC 1121B3.1 #8 (a)

BUILDING AREAS:

LEVEL 2	11,768 SF (OFFICE) - PARTIAL SCOPE OF WORK
LEVEL 3	8,082 SF (OFFICE) - SCOPE OF WORK
TOTAL	19,850 SF

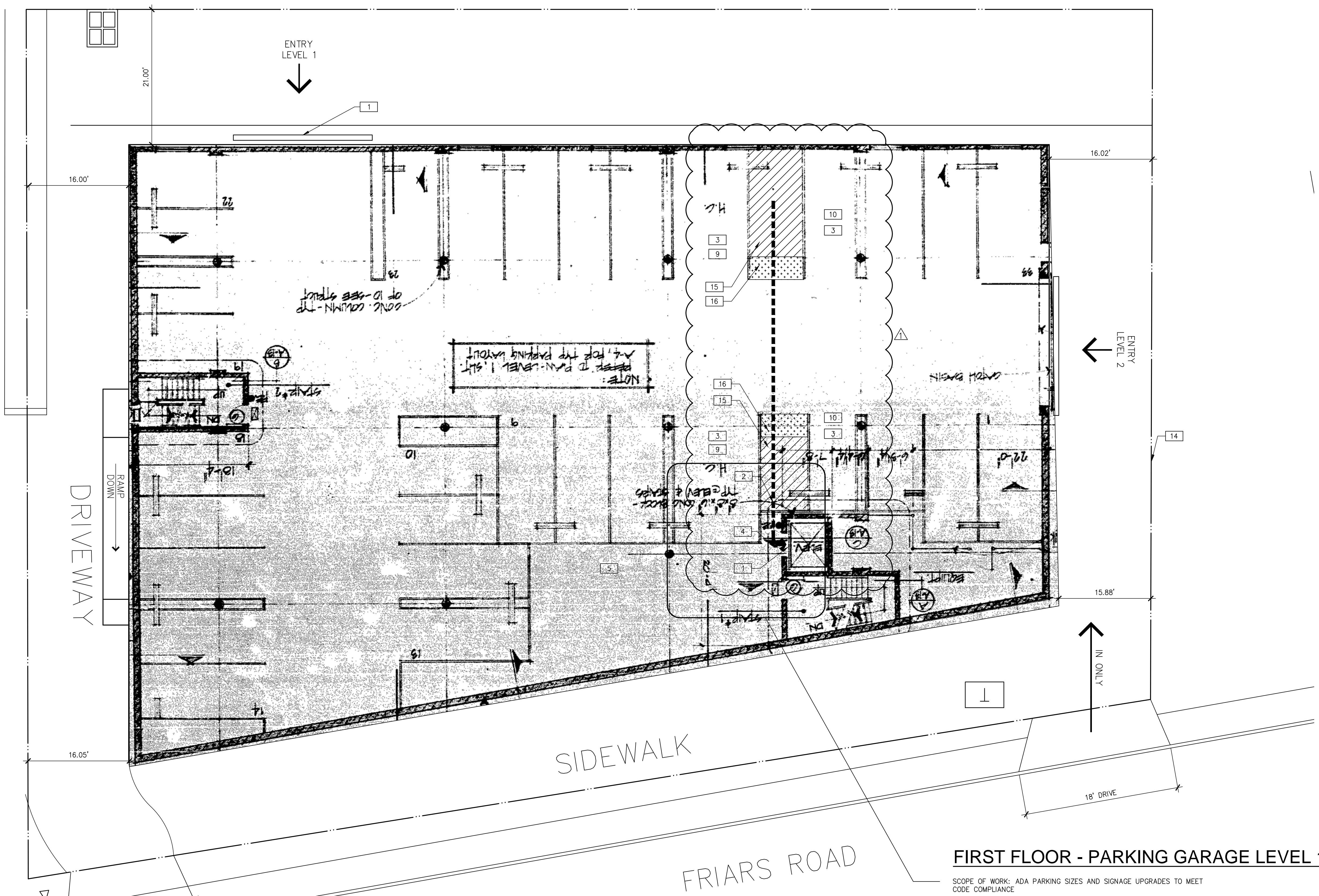
PARKING SUMMARY

USE	SQ. FOOTAGE	RATIO	PARKING REQ'D
OFFICE (LEVEL 3&4)	19,796	1:250	79

TOTAL STALLS REQUIRED: 79

ACCESSIBLE STALLS:	
- STANDARD	3
- VAN	1
STANDARD STALLS:	75

NOTE: IF THE BUILDING INSPECTOR DETERMINES NON-COMPLIANCE WITH ANY ACCESSIBILITY PROVISIONS, HE/SHE SHALL REQUIRE COMPLETE, DETAILED PLANS CLEARLY SHOWING ALL EXISTING, NON-COMPLYING CONDITIONS AND THE PROPOSED MODIFICATIONS TO MEET CURRENT ACCESSIBILITY PROVISIONS AFFECTED BY THE REMODEL (INCLUDING SITE PLAN, FLOOR PLANS, DETAILS, ETC.). THE PLANS MUST BE STAMPED BY THE FIELD INSPECTOR AND RE-SUBMITTED TO THE BUILDING DEVELOPMENT REVIEW DIVISION.

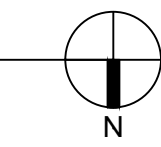


FIRST FLOOR - PARKING GARAGE LEVEL 1

SCOPE OF WORK: ADA PARKING SIZES AND SIGNAGE UPGRADES TO MEET CODE COMPLIANCE

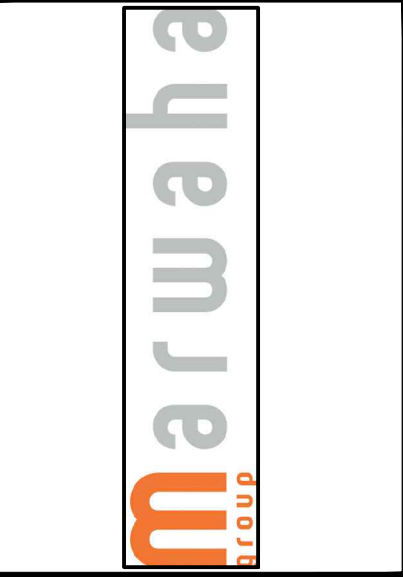
SITE PLAN (For Reference Only)

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



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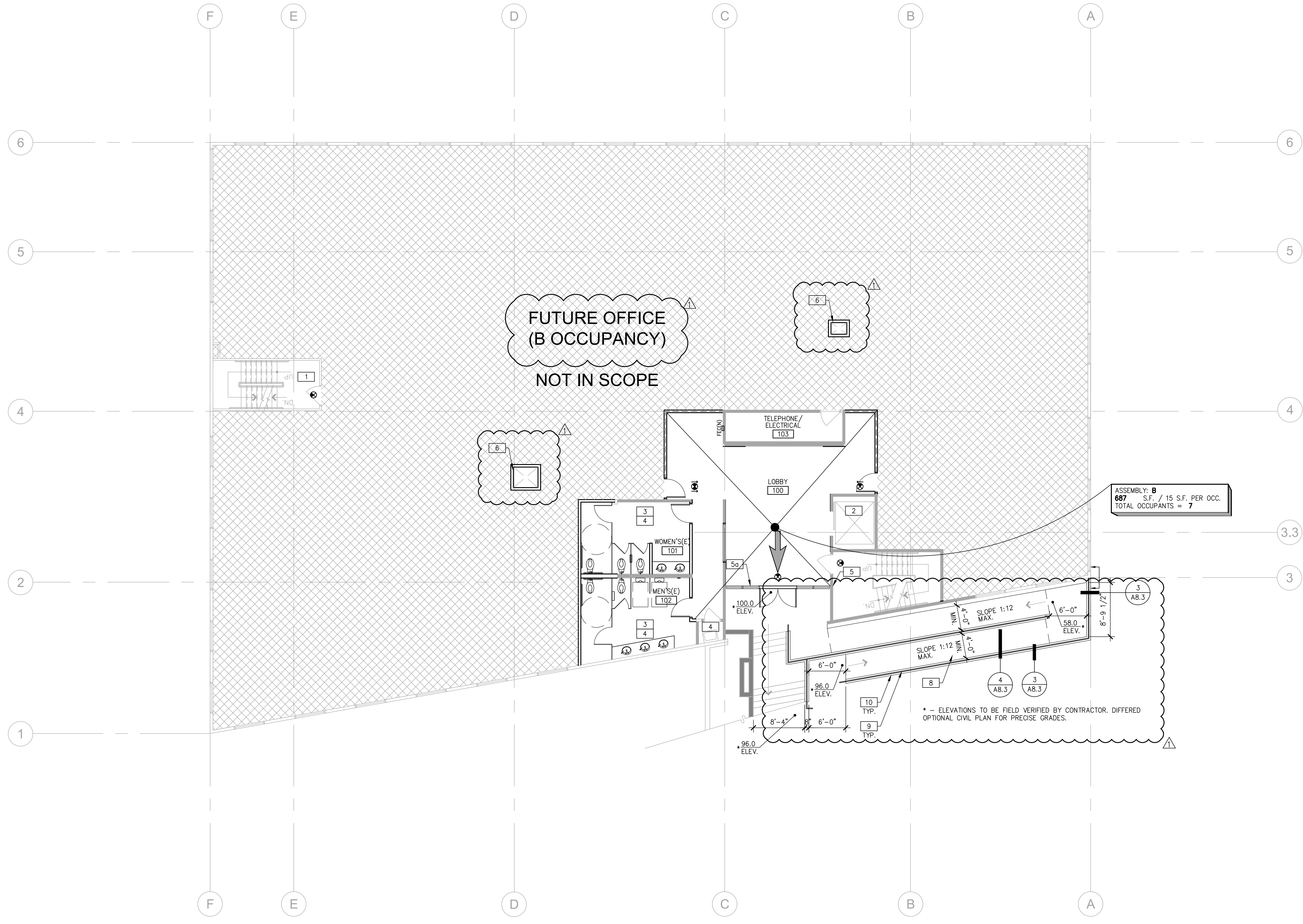
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6863 FRIARS ROAD, FLR 2 & 3
SAN DIEGO, CALIFORNIA

REMARKS		DATE
DATE	PLAN CHECK	
2011.10.10	PLAN CHECK RE-SUBMITTAL	
2012.01.05	ISSUE FOR CONSTRUCTION	

PA / PM:	TENGLISH
DRAWN BY:	KS
JOB NO.:	SDG11-6064-00

SHEET
A0.4

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ASSEMBLY, B
687 S.F. / 15 S.F. PER OCC.
TOTAL OCCUPANTS = 7

* - ELEVATIONS TO BE FIELD VERIFIED BY CONTRACTOR. DIFFERED OPTIONAL CIVIL PLAN FOR PRECISE GRADES.

SEE SHEET A0.2 FOR GENERAL NOTES RELATING TO DOORS.
COMBINED NOTES FOR ALL OCCUPANCY & EXIT PLAN SHEETS.

PLAN SPECIFIC NOTES

- 1 EXISTING EGRESS STAIR TO REMAIN.
- 2 EXISTING ELEVATOR IN 1 HOUR SHAFT TO REMAIN.
- 3 RENOVATED FULLY ACCESSIBLE RESTROOM FACILITY.
- 4 ACCESSORY USE SPACE.
- 5 GENERAL CONTRACTOR TO PROVIDE AND INSTALL WALL-MOUNTED TACTILE SIGNS LISTED BELOW AT LOCATIONS INDICATED. SEE DETAILS 1 THRU 4 ON SHEET A0.3.
 - a) "EXIT ROUTE"
 - b) "EXIT STAIR DOWN"
 - c) "EXIT"
- 6 NEW MECHANICAL SHAFT.
- 7 PROVIDE SMOKE GUARD DOOR AT ELEVATOR DOOR IN ACCORDANCE WITH CODE SECTION 711.
- 8 PROVIDE ADA COMPLIANCE EXTERIOR RAMP IN ACCORDANCE WITH CODE SECTION 1026 & 1133B.
- 9 PROVIDE HANDRAILS FOR RAMPS IN ACCORDANCE WITH CODE SECTION 1133B.5.5.
- 10 PROVIDE GUIDE CURBS FOR RAMP IN ACCORDANCE WITH CODE SECTION 1133B.5.6.

RESTROOM SUMMARY

FIXTURES REQUIRED (BASED ON CPC TABLE 4-1):

	MEN	WOMEN	URINALS
OFFICE	687 S.F. + 100 = 6.87 + 2 = 3	1	1

FIXTURES PROVIDED:

WATER CLOSETS: 4
MEN: 4
WOMEN: 6
URINALS: 4

BUILDING ALLOWABLE AREA ANALYSIS

ALLOWABLE AREAS PER CODE TABLE 503		
TYPE V-B CONSTRUCTION		
A-3: 1 FLOOR / 6,000 SF	X	CBC 504.2 & 506.3 INCREASE = 2 FLOOR / 12,000 SF
B: 1 FLOOR / 9,000 SF	X	CBC 504.2 & 506.3 INCREASE = 3 FLOOR / 18,000 SF

SEPARATED OCCUPANCIES:

A-3:	1622/12000	= 0.135
B:	6858/1800	= 0.381
		0.516 < 1

THEREFORE IN COMPLIANCE WITH CODE REQUIREMENTS.

OCCUPANCY & EXIT PLAN - FLOOR 02
SCALE: 1/8"=1'-0"

LEGENDS

- INDICATES REQUIRED EXIT
- INDICATES AREA NOT IN CONTRACT (N.I.C.)

OCCUPANCY & EXIT PLAN - FLOOR 02

DATE	REMARKS
2010.09.09	PLAN CHECK
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

PA / PM: TENGUISH
DRAWN BY: KS
JOB NO.: SDG11-6064-00

SHEET
A1.1

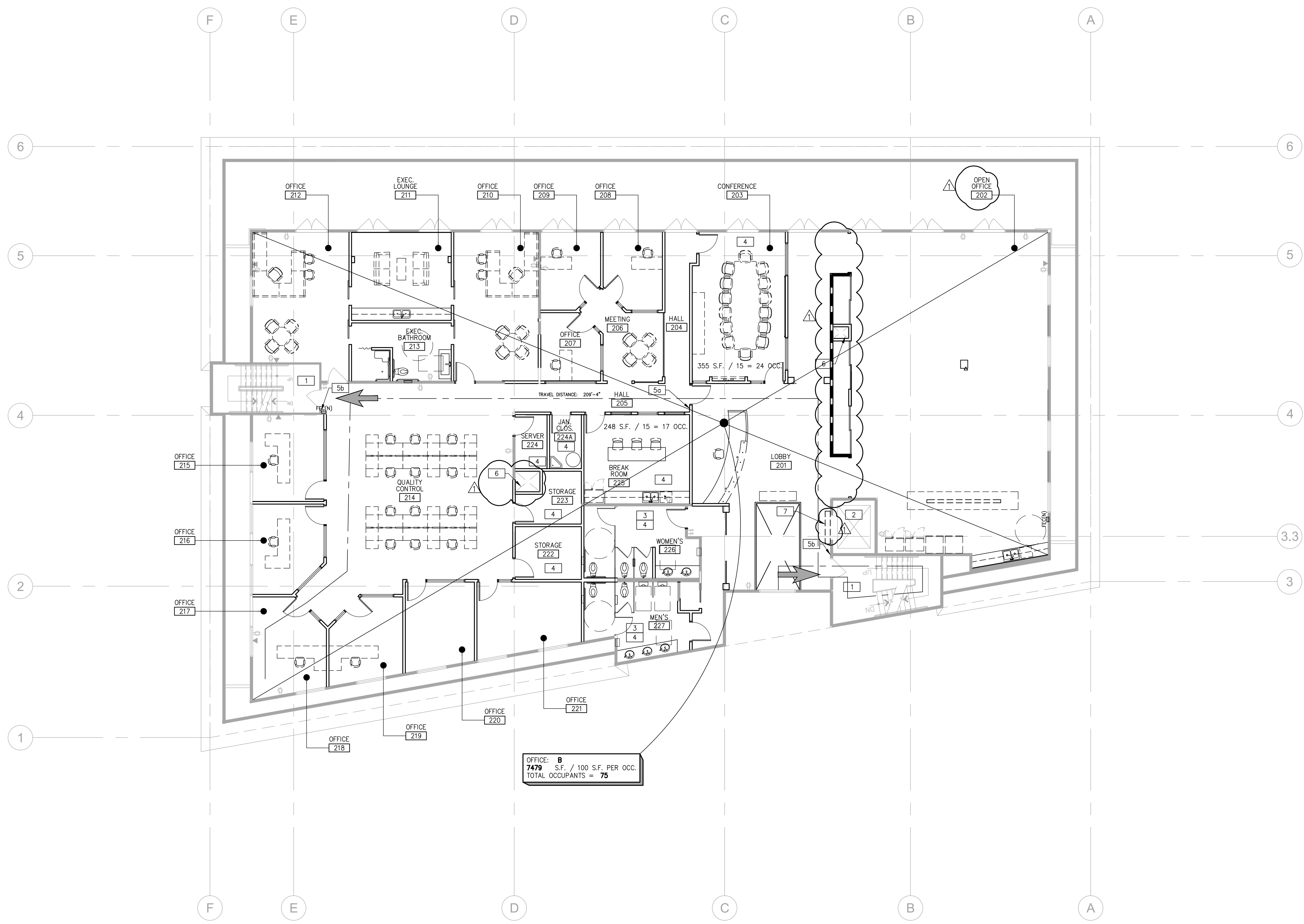
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SEE SHEET A0.2 FOR GENERAL NOTES RELATING TO DOORS.
COMBINED NOTES FOR ALL OCCUPANCY & EXIT PLAN SHEETS.

PLAN SPECIFIC NOTES

- 1 EXISTING EGRESS STAIR TO REMAIN.
- 2 EXISTING ELEVATOR IN 1 HOUR SHAFT TO REMAIN.
- 3 RENOVATED FULLY ACCESSIBLE RESTROOM FACILITY.
- 4 ACCESSORY USE SPACE.
- 5 GENERAL CONTRACTOR TO PROVIDE AND INSTALL WALL-MOUNTED TACTILE SIGNS LISTED BELOW AT LOCATIONS INDICATED. SEE DETAILS 1 THRU 4 ON SHEET A0.3.
 - a) "EXIT ROUTE"
 - b) "EXIT STAIR DOWN"
 - c) "EXIT"
- 6 NEW MECHANICAL SHAFT.
- 7 PROVIDE SMOKE GUARD DOOR AT ELEVATOR DOOR IN ACCORDANCE WITH CODE SECTION 711.
- 8 ~~PROVIDE AN EXTERIOR RAMP IN ACCORDANCE WITH CODE SECTION 1026 & 1133B.~~
- 9 PROVIDE HANDRAILS FOR RAMPS IN ACCORDANCE WITH CODE SECTION 1133B.5.5.
- 10 PROVIDE GUIDE CURBS FOR RAMP IN ACCORDANCE WITH CODE SECTION 1133B.5.6.

RESTROOM SUMMARY

FIXTURES REQUIRED (BASED ON CPC TABLE 4-1):

OFFICE	7219 S.F. + 200 = 36 + 2 = 18 :	MEN	2	WOMEN	3	URINALS	1
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FIXTURES PROVIDED:

WATER CLOSETS: 4
MEN: 4
WOMEN: 6
URINALS: 4

BUILDING ALLOWABLE AREA ANALYSIS

ALLOWABLE AREAS PER CODE TABLE 503	
TYPE V-B CONSTRUCTION	
B:	1 FLOOR / 9,000 SF X CBC 504.2 & 506.3 INCREASE = 3 FLOOR / 18,000 SF
SEPARATED OCCUPANCIES:	
B:	8082/18000 = 0.449
	0.449 < 1
THEREFORE IN COMPLIANCE WITH CODE REQUIREMENTS.	

OCCUPANCY & EXIT PLAN - FLOOR 03
SCALE: 1/8"=1'-0"

LEGENDS

- ← INDICATES REQUIRED EXIT
- [Hatched Box] INDICATES AREA NOT IN CONTRACT (N.I.C.)

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OCCUPANCY & EXIT PLAN - FLOOR 03

DATE	REMARKS	DATE	REMARKS
2011.01.05	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

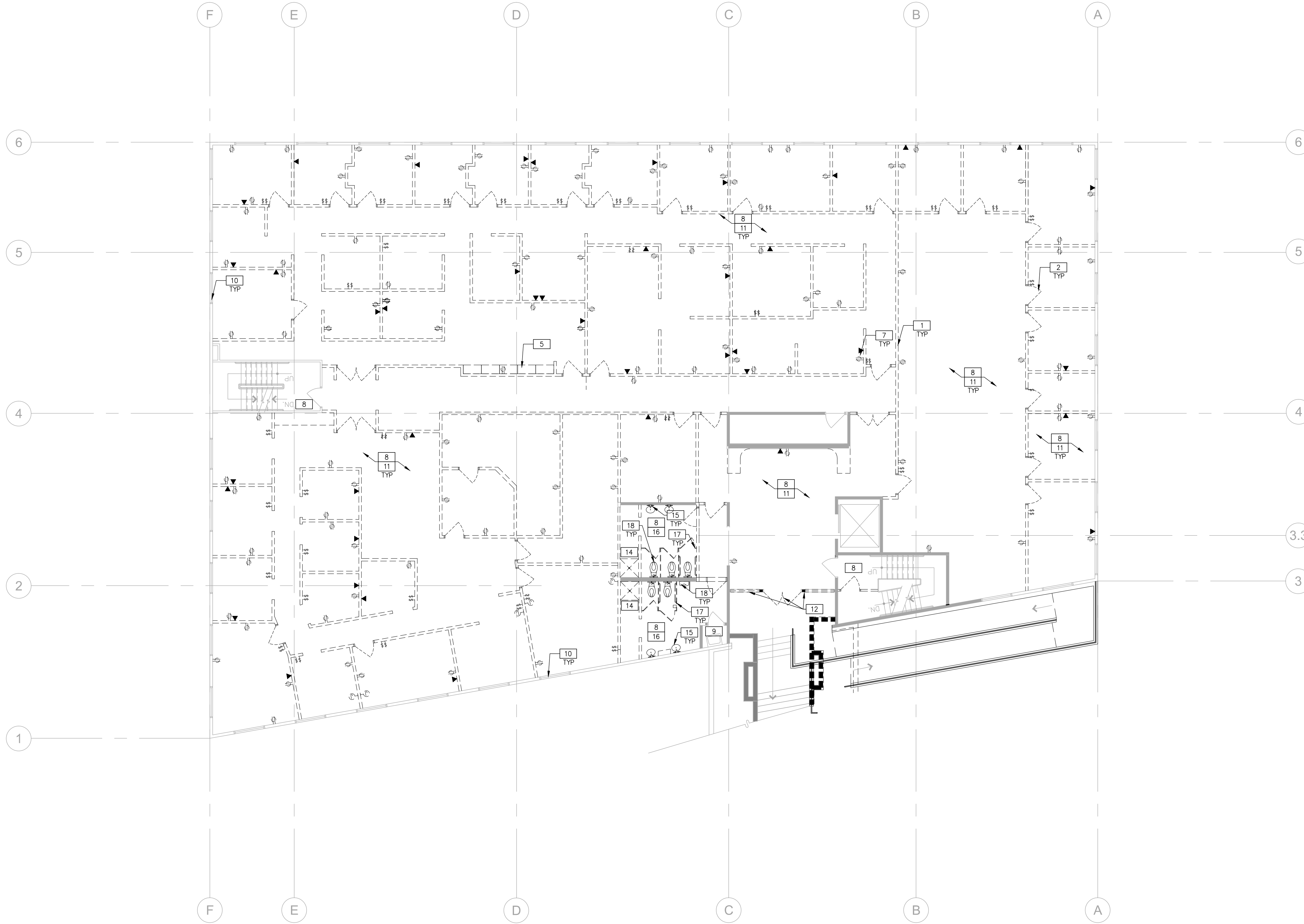
PA / PM:	TENGLISH
DRAWN BY:	KS
JOB NO.:	SDG11-6064-00

SHEET
A1.2

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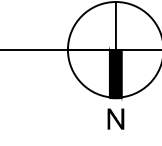
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DEMOLITION PARTITION PLAN - FLOOR 02

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



SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

COMBINED NOTES FOR ALL DEMOLITION CEILING PLAN SHEETS.

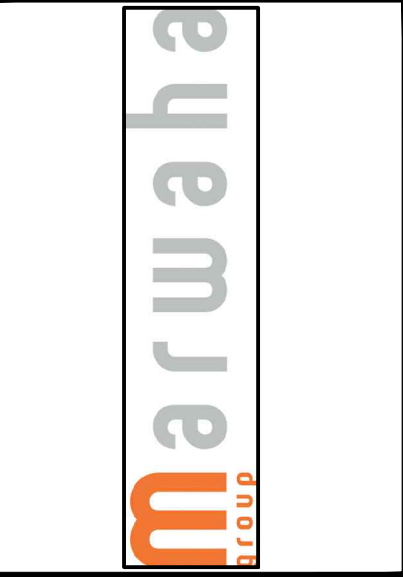
- 1 REMOVE PARTITIONS AND RELATED ELECTRICAL OUTLETS AS INDICATED. TERMINATE ELECTRICAL LINES BACK TO POINT OF ORIGIN. PATCH EXISTING WALLS WHICH REMAIN IN PREPARATION FOR NEW WALL FINISH.
- 2 REMOVE DOOR ASSEMBLY.
- 3 EXISTING ROOF ACCESS LADDER TO REMAIN.
- 4 NOTE NOT USED.
- 5 REMOVE EXISTING MILLWORK.
- 6 REMOVE EXISTING MILLWORK & SINK. CAP PLUMBING AS REQUIRED.
- 7 REMOVE POWER/SIGNAL OUTLETS AS SHOWN.
- 8 REMOVE ALL WALL AND FLOOR FINISHES THROUGHOUT. PREP FOR NEW FINISHES PER FINISH PLAN.
- 9 EXISTING FINISHES TO REMAIN IN THIS ROOM, U.O.N.
- 10 REMOVE ALL EXISTING EXTERIOR/INTERIOR WINDOW BLINDS.
- 11 PREP ALL EXISTING PAINTED WALLS WHICH REQUIRE FOR NEW PAINT FINISH.
- 12 REMOVE EXISTING EXTERIOR ENTRANCE DOOR, GLAZING AND CLADDING.
- 13 REMOVE EXISTING DOOR, FRAME TO REMAIN.
- 14 REMOVE EXISTING SHOWER AND RELATED ACCESSORIES, CAP PLUMBING AS REQUIRED.
- 15 REMOVE VANITY, MIRRORS, SINKS, FAUCETS, AND SOAP DISPENSERS.
- 16 REMOVE EXISTING WALL TILE THROUGHOUT. EXISTING ON ALL WALLS EXCEPT WHERE NOTED. REMOVE FLOOR TILE THROUGHOUT.
- 17 REMOVE EXISTING TOILET PARTITIONS. REPLACE WITH NEW.
- 18 REMOVE ALL TOILET ACCESSORIES. INFILL AS REQUIRED FOR NEW ACCESSORIES.

WALL LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED

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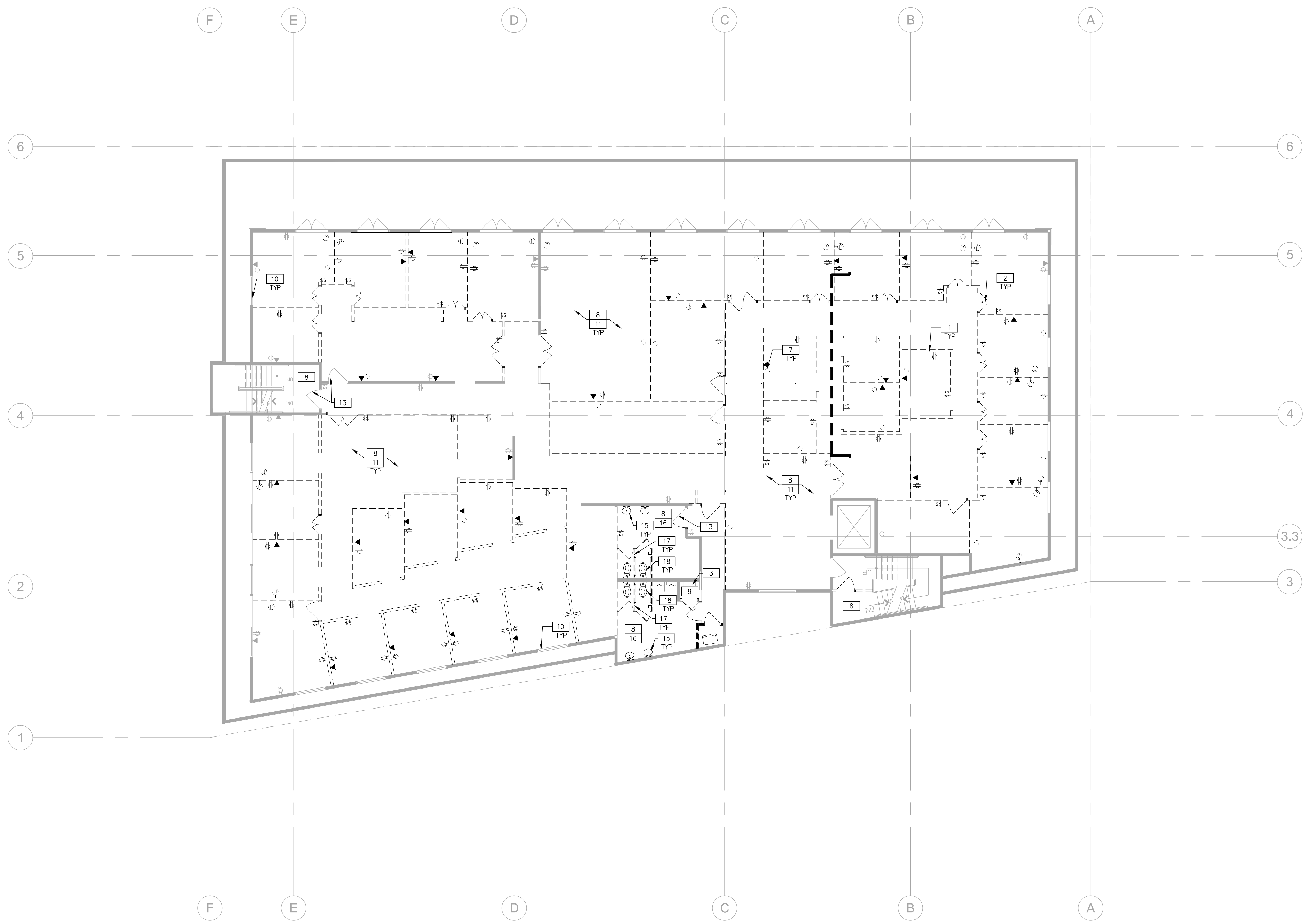
DEMOLITION PARTITION PLAN - FLOOR 02		
DATE	REMARKS	DATE
2011.09.09	PLAN CHECK	
2011.10.10	PLAN CHECK RE-SUBMITTAL	
2012.01.05	ISSUE FOR CONSTRUCTION	

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SHEET
AD.1a

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DEMOLITION PARTITION PLAN - FLOOR 04
SCALE: 1/8"=1'-0"

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES
COMBINED NOTES FOR ALL DEMOLITION CEILING PLAN SHEETS.

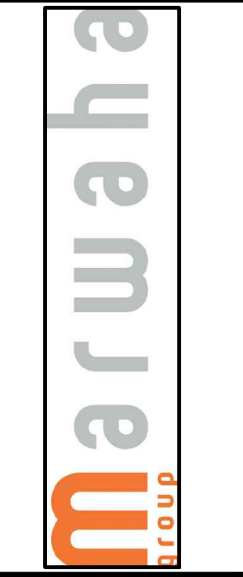
- 1 REMOVE PARTITIONS AND RELATED ELECTRICAL OUTLETS AS INDICATED. TERMINATE ELECTRICAL LINES BACK TO POINT OF ORIGIN. PATCH EXISTING WALLS WHICH REMAIN IN PREPARATION FOR NEW WALL FINISH.
- 2 REMOVE DOOR ASSEMBLY.
- 3 EXISTING ROOF ACCESS LADDER TO REMAIN.
- 4 NOTE NOT USED
- 5 REMOVE EXISTING MILLWORK.
- 6 REMOVE EXISTING MILLWORK & SINK. CAP PLUMBING AS REQUIRED.
- 7 REMOVE POWER/SIGNAL OUTLETS AS SHOWN.
- 8 REMOVE ALL WALL AND FLOOR FINISHES THROUGHOUT. PREP FOR NEW FINISHES PER FINISH PLAN.
- 9 EXISTING FINISHES TO REMAIN IN THIS ROOM, U.O.N.
- 10 REMOVE ALL EXISTING EXTERIOR/INTERIOR WINDOW BLINDS.
- 11 PREP ALL EXISTING PAINTED WALLS WHICH REQUIRE FOR NEW PAINT FINISH.
- 12 REMOVE EXISTING EXTERIOR ENTRANCE DOOR, GLAZING AND CLADDING.
- 13 REMOVE EXISTING DOOR, FRAME TO REMAIN.
- 14 REMOVE EXISTING SHOWER AND RELATED ACCESSORIES, CAP PLUMBING AS REQUIRED.
- 15 REMOVE VANITY, MIRRORS, SINKS, FAUCETS, AND SOAP DISPENSERS.
- 16 REMOVE EXISTING WALL TILE THROUGHOUT. EXISTING ON ALL WALLS EXCEPT WHERE NOTED. REMOVE FLOOR TILE THROUGHOUT.
- 17 REMOVE EXISTING TOILET PARTITIONS. REPLACE WITH NEW.
- 18 REMOVE ALL TOILET ACCESSORIES. INFILL AS REQUIRED FOR NEW ACCESSORIES.

WALL LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- - - - - EXISTING CONSTRUCTION TO BE REMOVED

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DEMOLITION PARTITION PLAN - FLOOR 03		REMARKS	DATE
DATE	REMARKS		
2011.09.09	PLAN CHECK		
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

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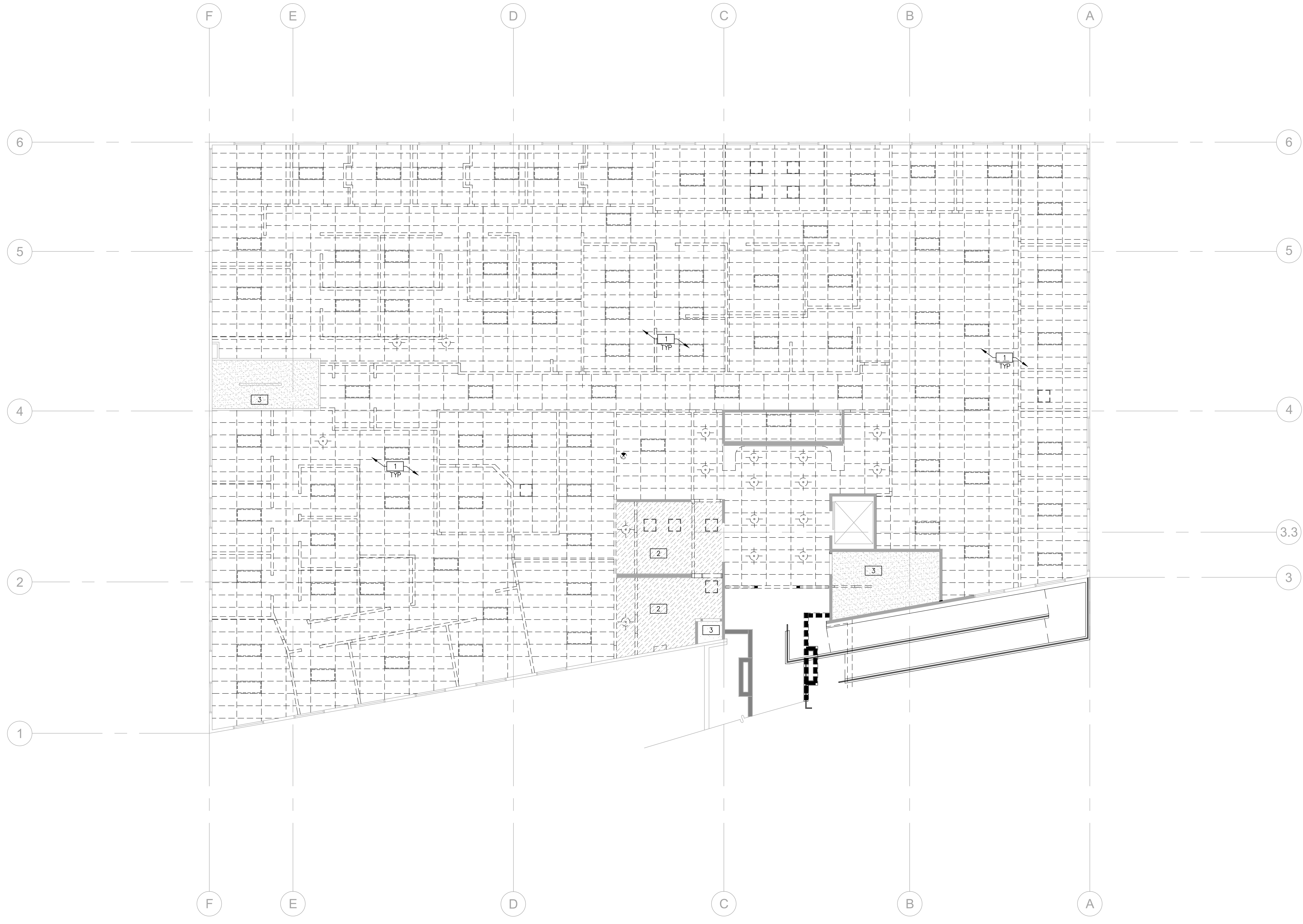
SHEET
AD.1b

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

COMBINED NOTES FOR ALL DEMOLITION PARTITION PLAN SHEETS.

- 1 REMOVE ALL EXISTING CEILING GRID, TILES AND LIGHTING THROUGHOUT TENANT'S SPACE AND PREP FOR NEW.
- 2 REMOVE EXISTING GYP. BOARD CEILING IN THIS ROOM. PREP FOR NEW CEILING PER REFLECTED CEILING PLAN.
- 3 EXISTING CEILING IN THIS AREA TO REMAIN. PATCH & REPAIR AS REQUIRED TO LIKE NEW CONDITION.
- 4 REMOVE ALL EXISTING SKYLIGHT.
- 5 REMOVE ALL EXISTING SOLARTUBE, TYPICAL THROUGHOUT.



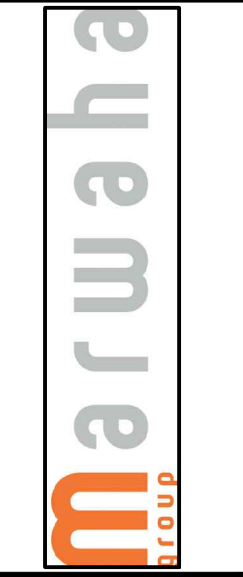
DEMOLITION CEILING PLAN - FLOOR 02
SCALE: 1/8"=1'-0"

CEILING LEGEND

- EXISTING SUSPENDED CEILING GRID & TILES TO BE REMOVED
- EXISTING GYPSUM BOARD CEILING TO BE REMOVED
- EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
- EXISTING SKYLIGHT TO BE REMOVED
- EXISTING PENDANT LIGHT FIXTURE TO BE REMOVED.
- EXISTING SUPPLY AIR GRILL TO BE REMOVED
- EXISTING RETURN AIR GRILL TO BE REMOVED
- EXISTING CEILING-MOUNTED EXIT SIGN TO BE REMOVED.

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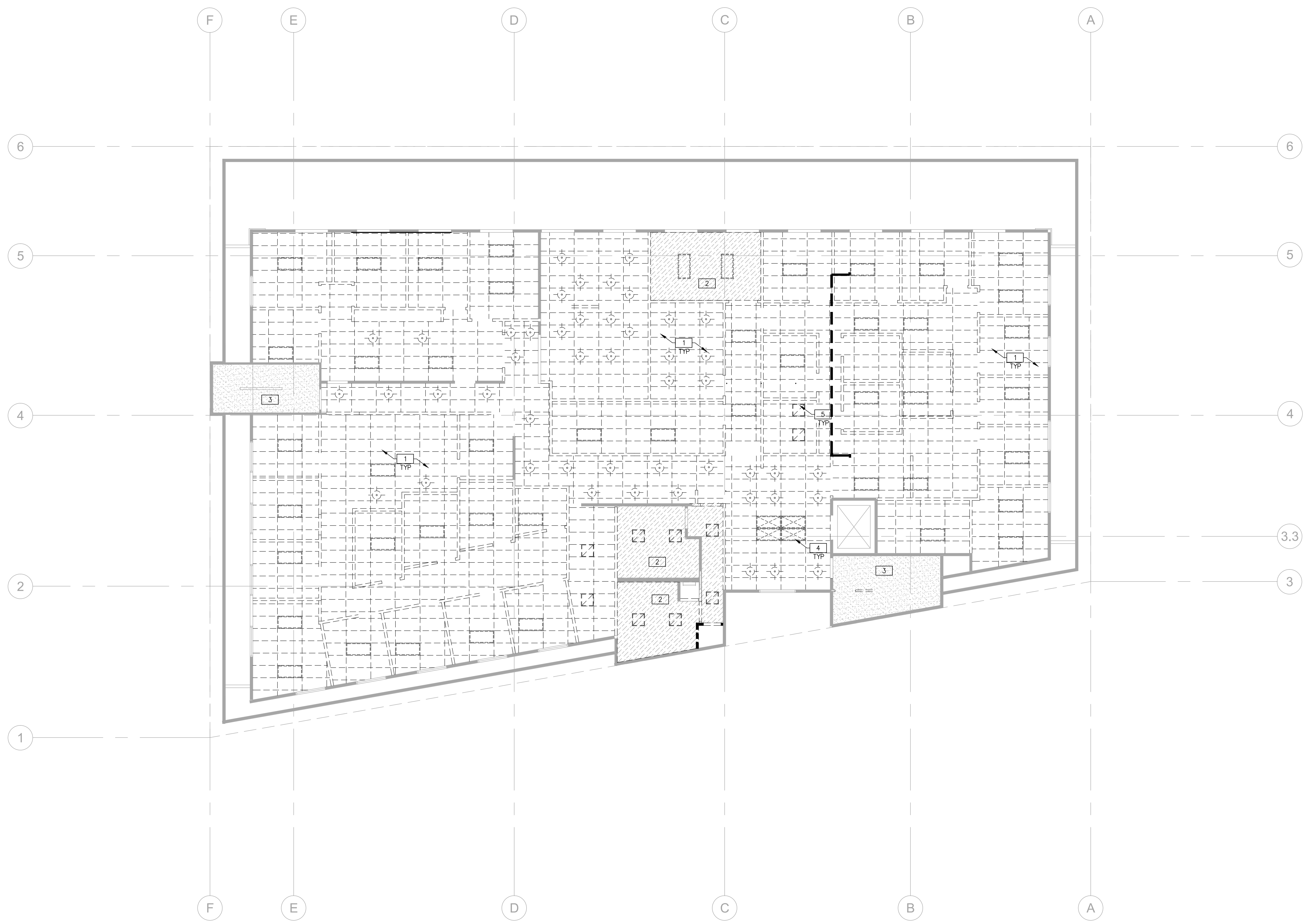
DEMOLITION CEILING PLAN - FLOOR 02

DATE	REMARKS	DATE	REMARKS
2011.09.09	PLAN CHECK		
2011.10.10	PLAN CHECK RE-SUBMITTAL		
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AD.2a

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DEMOLITION CEILING PLAN - FLOOR 03
SCALE: 1/8"=1'-0"

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES
COMBINED NOTES FOR ALL DEMOLITION PARTITION PLAN SHEETS.

- 1 REMOVE ALL EXISTING CEILING GRID, TILES AND LIGHTING THROUGHOUT TENANT'S SPACE AND PREP FOR NEW.
- 2 REMOVE EXISTING GYP. BOARD CEILING IN THIS ROOM. PREP FOR NEW CEILING PER REFLECTED CEILING PLAN.
- 3 EXISTING CEILING IN THIS AREA TO REMAIN. PATCH & REPAIR AS REQUIRED TO LIKE NEW CONDITION.
- 4 REMOVE ALL EXISTING SKYLIGHT.
- 5 REMOVE ALL EXISTING SOLARTUBE, TYPICAL THROUGHOUT.

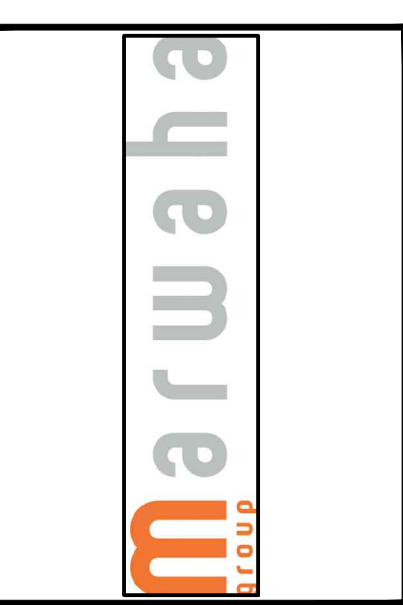
CEILING LEGEND

- EXISTING SUSPENDED CEILING GRID & TILES TO BE REMOVED
- EXISTING GYPSUM BOARD CEILING TO BE REMOVED
- EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
- EXISTING SKYLIGHT TO BE REMOVED
- EXISTING PENDANT LIGHT FIXTURE TO BE REMOVED.
- EXISTING SUPPLY AIR GRILL TO BE REMOVED
- EXISTING RETURN AIR GRILL TO BE REMOVED
- EXISTING CEILING-MOUNTED EXIT SIGN TO BE REMOVED.

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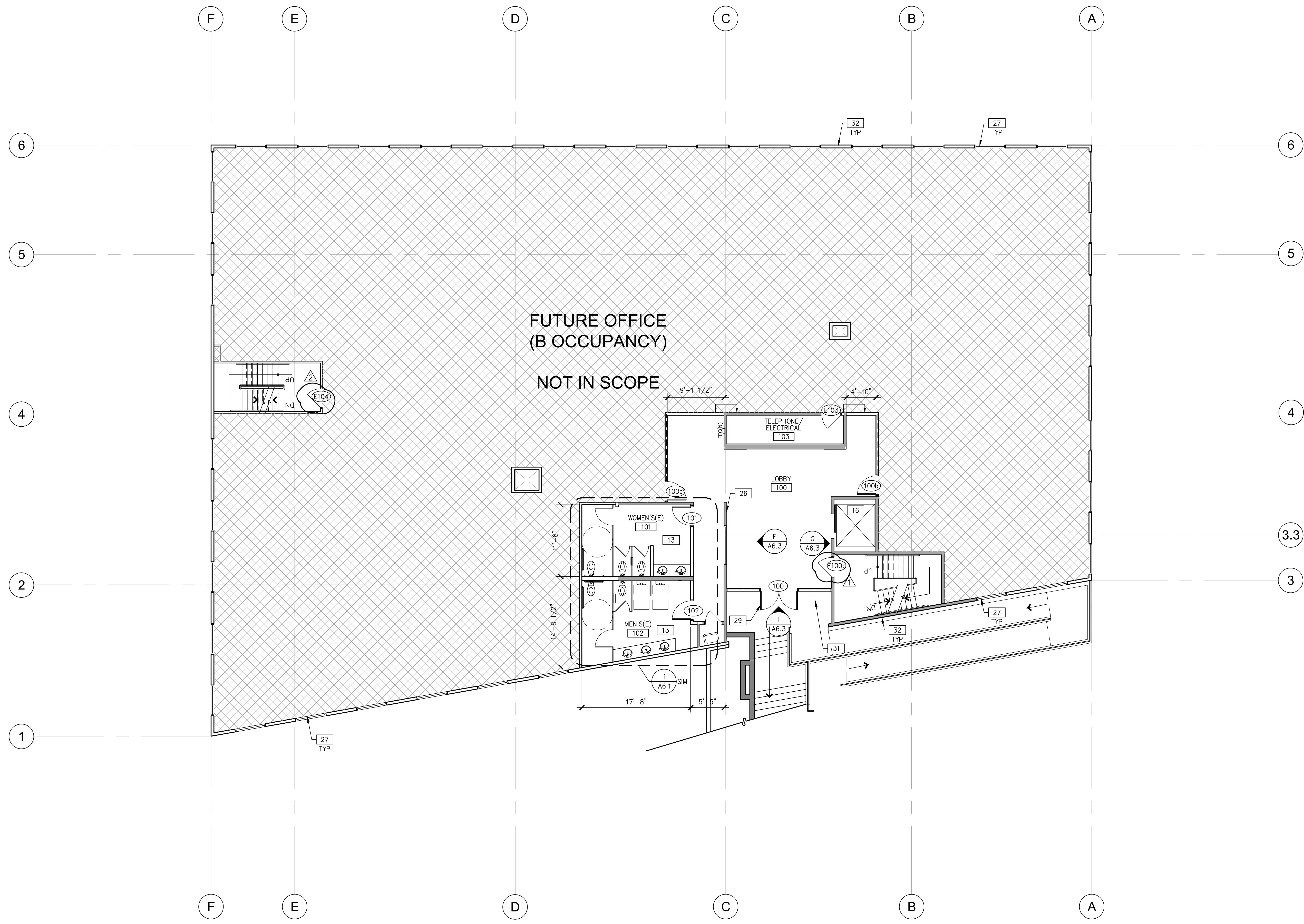
DEMOLITION CEILING PLAN - FLOOR 03	
DATE	REMARKS
2011.09.09	PLAN CHECK
2011.10.10	PLAN CHECK RE-SUBMITTAL
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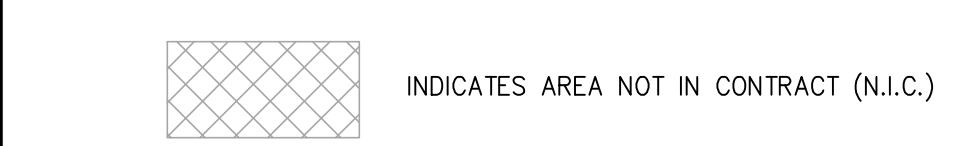
PARTITION PLAN - FLOOR 02
SCALE: 1/8"=1'-0"

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

- COMBINED NOTES FOR ALL PARTITION PLAN SHEETS.
- 1 PROVIDE BACKING SUPPORT BEHIND WALL-MOUNTED EQUIPMENT LOCATIONS. SEE DETAIL ___ ON SHEET ___
 - 2 PROVIDE FAUX PILLASTER. ARCHITECT TO REVIEW AND APPROVE.(TYP)
 - 3 NICHE WALL FOR FLATSCREEN TV INSTALLATION. PROVIDE AIR CLEARANCE AROUND TOP, BOTTOM AND SIDES OF THE SCREEN. MINIZE GAP AS MUCH AS POSSIBLE TO CREATE A FLUSHED LOOK. VERIFY AND LOCATION PRIOR TO CREATING NICHE.
 - 4 PROVIDE TEMPERED GLASS FIXED WINDOW IN FRAME TO MATCH DOOR FRAMES. ALIGN TOP OF FRAME WITH TOP OF DOOR FRAME.
 - 5 PROVIDE CUSTOM RECEPTION DESK.
 - 6 PROVIDE UPPER & LOWER CABINETRY WITH DRAWERS, BACK SPLASH AND DUAL-BASIN STAINLESS STEEL SINK WITH GARBAGE DISPOSAL.
 - 7 COFFEE MAKER TO BE PROVIDED AND INSTALLED BY TENANT. PROVIDE RECESSED WATER LINE.
 - 8 REFRIGERATOR TO BE PROVIDED BY TENANT AND INSTALLED BY TENANT. PROVIDE RECESSED WATER LINE.
 - 9 NOTE NOT USED.
 - 10 DISHWASHER TO BE PROVIDED AND INSTALLED BY GC. ASKO; D5122GADA - STAINLESS STEEL.
 - 11 MICROWAVE TO BE PROVIDED AND INSTALLED BY TENANT.
 - 12 70" WALL MOUNT FLATSCREEN TV TO BE PROVIDED BY TENANT.
 - 13 SAW-CUT CORE EXISTING FLOOR THIS AREA AS REQUIRED FOR NEW PLUMBING.
 - 14 PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER BY POTTER-ROEMER. CABINET TO BE ALTA SERIES #7033-DV. ALUMINUM WITH CLEAR FINISH WITH #0005 EXTINGUISHER, 2A:10B; C. SEE DETAIL 15 ON SHEET A8.2.
 - 15 OWNER PROVIDED FOOD/SALAD BAR. COORDINATE POWER REQUIREMENT WITH OWNER.
 - 16 GC TO COORDINATE ELEVATOR UPGRADE. PROVIDE NEW FLOOR PORCELAIN TILE AND A DIFFERENT ACCENT PAINT COLOR FOR EACH LEVEL. PROVIDE FLOOR TILE AND PAINT COLOR TO ARCHITECT FOR REVIEW AND APPROVAL.
 - 17 PROVIDE STAINLESS STEEL STRUCTURAL GLASS RAILING WITH 1/2" FROSTED TEMPERED GLASS AND STAINLESS STEEL TOP CAP. SEE DETAIL 13/A8.1.
 - 18 NEW 3-5/8" METAL STUD FURRING WITH 1-LAYER 5/8" TYPE X DRYWALL TO 6" ABOVE CEILING.
 - 19 DECORATIVE GLASS WALL. SEE ELEVATION A/A6.2. ALTERNATE: LUMICOR RESIN PANELS. STYLE TBD.
 - 20 PROVIDE LOW HEIGHT GLAZING WALL TO 52" A.F.F. 3/8" THICK, TEMPERED BUTT-JOINTED GLASS PANELS IN 1-1/2" SIDE U-CHANNEL FRAMES. U.O.N. FINISH TO BE SATIN BRUSHED STAINLESS STEEL.
 - 21 ALL INTERIOR WINDOWS TO BE FROSTED FROM 0'-0" A.F.F. TO 3'-0" A.F.F., TYPICAL THROUGHOUT U.O.N.
 - 22 PROVIDE FLOOR TO CEILING BLACK BOARD, WHOLE LENGTH OF WALL.
 - 23 OWNER PROVIDED EQUIPMENT. COORDINATE POWER REQUIREMENT WITH OWNER.
 - 24 PROVIDE GLASS WRITING SURFACE THE WHOLE LENGTH OF WALL. GLASS TO BE ATTACHED TO WALL WITH BRUSHED NICKEL STANDOFF AT SIDES AND CORNERS. GC TO ENSURE THICKNESS OF GLASS MEETS CODE REQUIREMENT FOR GLASS SPAN.
 - 25 REPAIR/PAINT/CLEAN ALL EXISTING EXTERIOR DOORS AS NEEDED. PAINT COLOR TBD.
ALTERNATE: REPLACE ALL DOORS. COORDINATE DESIGN AND FINISHES WITH OWNER AND ARCHITECT.
 - 26 PROVIDE GLASS DIRECTORY SIGNAGE TO BE MOUNTED ON WOOD PANEL. COORDINATE WITH CLIENT'S SIGNAGE VENDOR.
 - 27 REPLACE ALL EXTERIOR WINDOWS WITH MONOLITHIC GLAZING.
 - 28 ALIGN NEW PARTITION TO OUTSIDE EDGE OF EXISTING DOOR FRAME.
 - 29 NEW ALUMINUM AND GLASS STOREFRONT SYSTEM TO REPLACE EXISTING STRUCTURAL COLUMNS AND HEADER TO REMAIN. SEE EXTERIOR RENDERING.
 - 30 EXISTING ROOF ACCESS LADDER TO REMAIN.
 - 31 PROVIDE NEW SEAM-METAL CANOPY WITH LIGHTER, BRONZE METAL TRELLIS AND GLASS AT ENTRANCE. SEE CONCEPTUAL RENDERING FOR DETAILS.
 - 32 CLEAN EXISTING BRICK WALLS.
 - 33 PROVIDE LEVEL 5 PAINT FINISH AT THIS WALL.
 - 34 PROVIDE WALL APPLIQUE OF CORPORATE IMAGES/TEXT. COORDINATE WITH OWNER'S SIGNAGE VENDOR.
 - 35 PROVIDE NEW MECHANICAL SHAFT.

LEGENDS

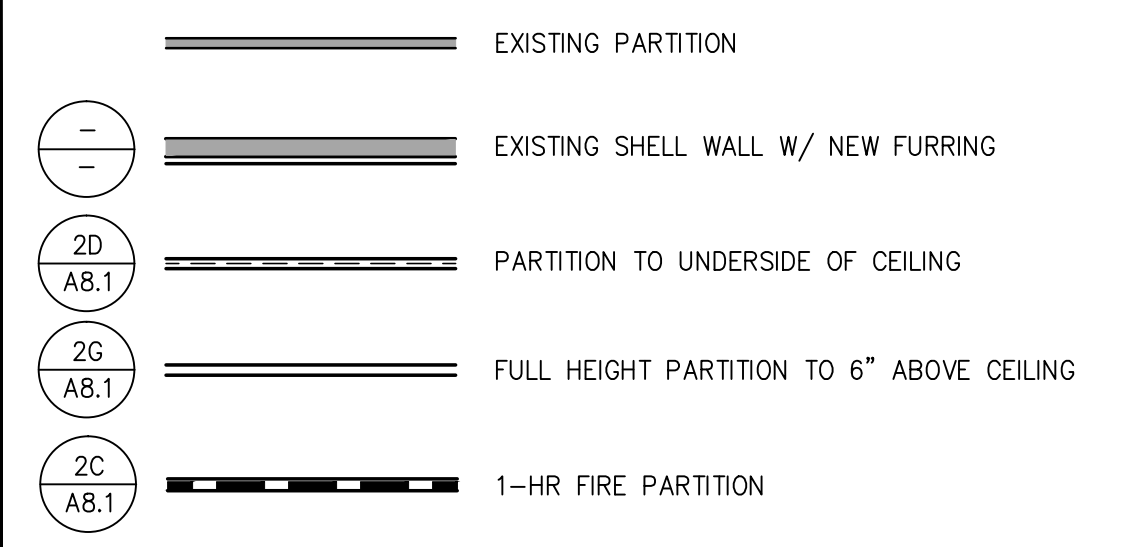


SYMBOL LEGEND



NOTE: SEE DOOR SCHEDULE ON SHEET A7.1.

WALL LEGEND



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PARTITION PLAN - FLOOR 02		REMARKS	DATE
DATE	2011.10.09	PLAN CHECK	
DATE	2011.10.10	PLAN CHECK RE-SUBMITTAL	
DATE	2012.01.05	ISSUE FOR CONSTRUCTION	

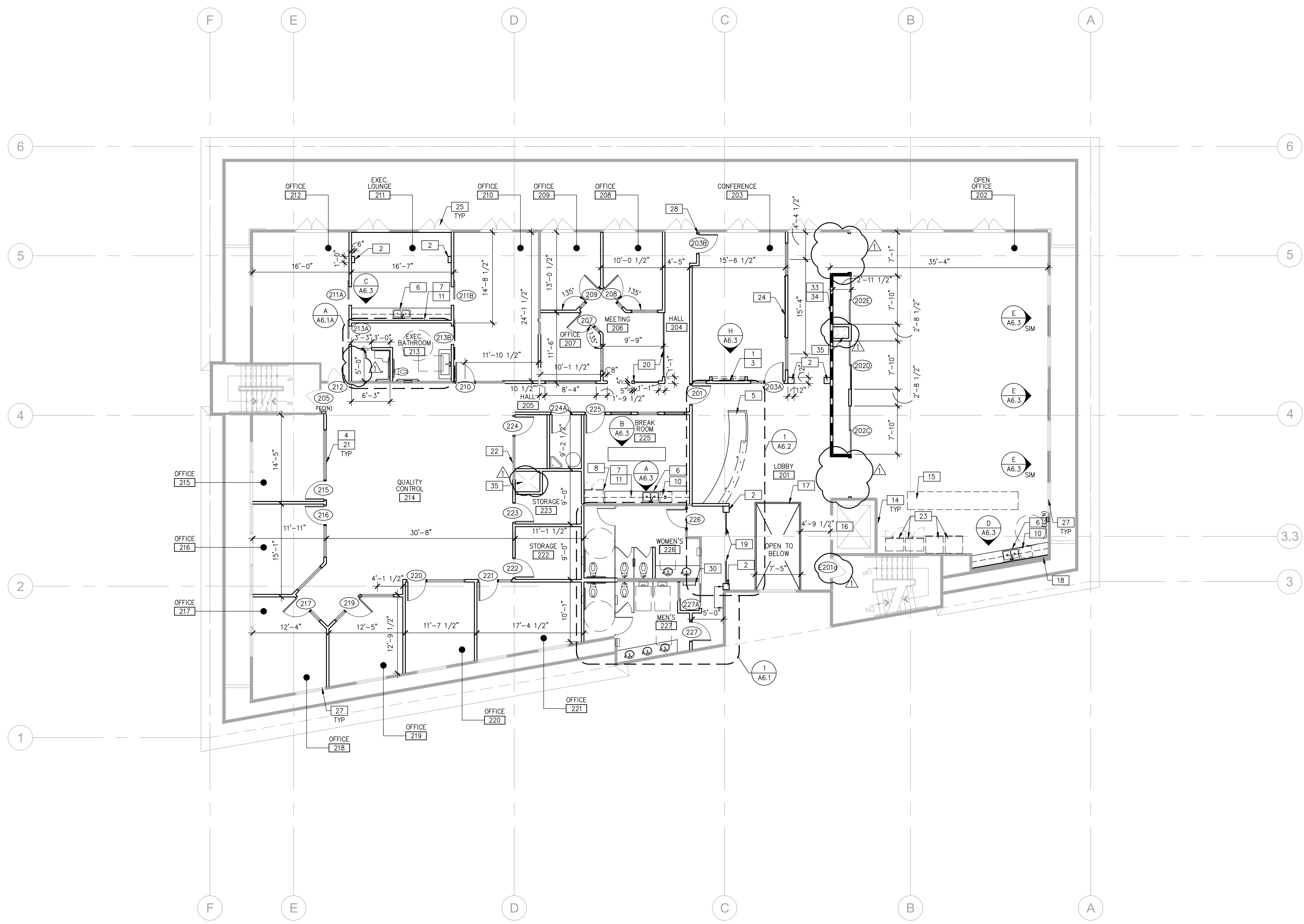
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SHEET
A2.1

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PARTITION PLAN - FLOOR 03
SCALE: 1/8"=1'-0"

SEE SHEET A0.2 FOR GENERAL NOTES
PLAN SPECIFIC NOTES

- COMBINED NOTES FOR ALL PARTITION PLAN SHEETS.
- 1 PROVIDE BACKING SUPPORT BEHIND WALL-MOUNTED EQUIPMENT LOCATIONS. SEE DETAIL ___ ON SHEET ___
 - 2 PROVIDE FAUX PILLASTER. ARCHITECT TO REVIEW AND APPROVE.(TYP)
 - 3 NICHE WALL FOR FLATSCREEN TV INSTALLATION. PROVIDE AIR CLEARANCE AROUND TOP, BOTTOM AND SIDES OF THE SCREEN. MINIZE GAP AS MUCH AS POSSIBLE TO CREATE A FLUSHED LOOK. VERIFY AND LOCATION PRIOR TO CREATING NICHE.
 - 4 PROVIDE TEMPERED GLASS FIXED WINDOW IN FRAME TO MATCH DOOR FRAMES. ALIGN TOP OF FRAME WITH TOP OF DOOR FRAME.
 - 5 PROVIDE CUSTOM RECEPTION DESK.
 - 6 PROVIDE UPPER & LOWER CABINETRY WITH DRAWERS, BACK SPLASH AND DUAL-BASIN STAINLESS STEEL SINK WITH GARBAGE DISPOSAL.
 - 7 COFFEE MAKER TO BE PROVIDED AND INSTALLED BY TENANT. PROVIDE RECESSED WATER LINE.
 - 8 REFRIGERATOR TO BE PROVIDED BY TENANT AND INSTALLED BY TENANT. PROVIDE RECESSED WATER LINE.
 - 9 NOTE NOT USED.
 - 10 DISHWASHER TO BE PROVIDED AND INSTALLED BY GC. ASKO; D51226ADA - STAINLESS STEEL.
 - 11 MICROWAVE TO BE PROVIDED AND INSTALLED BY TENANT.
 - 12 70" WALL MOUNT FLATSCREEN TV TO BE PROVIDED BY TENANT.
 - 13 SAW-CUT CORE EXISTING FLOOR THIS AREA AS REQUIRED FOR NEW PLUMBING.
 - 14 PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER BY POTTER-ROEMER. CABINET TO BE ALTA SERIES #7033-DV. ALUMINUM WITH CLEAR FINISH WITH #0005 EXTINGUISHER, 2A:10B; C. SEE DETAIL 15 ON SHEET A8.2.
 - 15 OWNER PROVIDED FOOD/SALAD BAR. COORDINATE POWER REQUIREMENT WITH OWNER.
 - 16 GC TO COORDINATE ELEVATOR UPGRADE. PROVIDE NEW FLOOR PORCELAIN TILE AND A DIFFERENT ACCENT PAINT COLOR FOR EACH LEVEL. PROVIDE FLOOR TILE AND PAINT COLOR TO ARCHITECT FOR REVIEW AND APPROVAL.
 - 17 PROVIDE STAINLESS STEEL STRUCTURAL GLASS RAILING WITH 1/2" FROSTED TEMPERED GLASS AND STAINLESS STEEL TOP CAP. SEE DETAIL 13/A8.1.
 - 18 NEW 3-5/8" METAL STUD FURRING WITH 1-LAYER 5/8" TYPE X DRYWALL TO 6" ABOVE CEILING.
 - 19 DECORATIVE GLASS WALL. SEE ELEVATION A/A6.2. ALTERNATE: LUMICOR RESIN PANELS. STYLE TBD.
 - 20 PROVIDE LOW HEIGHT GLAZING WALL TO 52" A.F.F. 3/8" THICK, TEMPERED BUTT-JOINTED GLASS PANELS IN 1-1/2" SIDE U-CHANNEL FRAMES. U.O.N. FINISH TO BE SATIN BRUSHED STAINLESS STEEL.
 - 21 ALL INTERIOR WINDOWS TO BE FROSTED FROM 0'-0" A.F.F. TO 3'-0" A.F.F., TYPICAL THROUGHOUT U.O.N.
 - 22 PROVIDE FLOOR TO CEILING BLACK BOARD, WHOLE LENGTH OF WALL.
 - 23 OWNER PROVIDED EQUIPMENT. COORDINATE POWER REQUIREMENT WITH OWNER.
 - 24 PROVIDE GLASS WRITING SURFACE THE WHOLE LENGTH OF WALL. GLASS TO BE ATTACHED TO WALL WITH BRUSHED NICKEL STANDOFF AT SIDES AND CORNERS. GC TO ENSURE THICKNESS OF GLASS MEETS CODE REQUIREMENT FOR GLASS SPAN.
 - 25 REPAIR/PAINT/CLEAN ALL EXISTING EXTERIOR DOORS AS NEEDED. PAINT COLOR TBD.
ALTERNATE: REPLACE ALL DOORS. COORDINATE DESIGN AND FINISHES WITH OWNER AND ARCHITECT.
 - 26 PROVIDE GLASS DIRECTORY SIGNAGE TO BE MOUNTED ON WOOD PANEL. COORDINATE WITH CLIENT'S SIGNAGE VENDOR.
 - 27 REPLACE ALL EXTERIOR WINDOWS WITH MONOLITHIC GLAZING.
 - 28 ALIGN NEW PARTITION TO OUTSIDE EDGE OF EXISTING DOOR FRAME.
 - 29 NEW ALUMINUM AND GLASS STOREFRONT SYSTEM TO REPLACE EXISTING STRUCTURAL COLUMNS AND HEADER TO REMAIN. SEE EXTERIOR RENDERING.
 - 30 EXISTING ROOF ACCESS LADDER TO REMAIN.
 - 31 PROVIDE NEW SEAM-METAL CANOPY WITH LIGHTER, BRONZE METAL TRELIS AND GLASS AT ENTRANCE. SEE CONCEPTUAL RENDERING FOR DETAILS.
 - 32 CLEAN EXISTING BRICK WALLS.
 - 33 PROVIDE LEVEL 5 PAINT FINISH AT THIS WALL.
 - 34 PROVIDE WALL APPLIQUE OF CORPORATE IMAGES/TEXT. COORDINATE WITH OWNER'S SIGNAGE VENDOR.
 - 35 PROVIDE NEW MECHANICAL SHAFT.

LEGENDS

- INDICATES AREA NOT IN CONTRACT (N.I.C.)
- INDICATES DOOR NUMBER
- NOTE:** SEE DOOR SCHEDULE ON SHEET A7.1.
- WALL LEGEND**
- EXISTING PARTITION
 - EXISTING SHELL WALL W/ NEW FURRING
 - PARTITION TO UNDERSIDE OF CEILING
 - FULL HEIGHT PARTITION TO 6" ABOVE CEILING
 - 1-HR FIRE PARTITION

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PARTITION PLAN - FLOOR 03		DATE	REMARKS
DATE	REVISIONS		
2011.09.09	1		PLAN CHECK
2011.10.10	2		PLAN CHECK RE-SUBMITTAL
2012.01.05	3		ISSUE FOR CONSTRUCTION

PA / PM:	TENGLISH
DRAWN BY:	KS
JOB NO.:	SDG11-6064-00
SHEET	
A2.2	

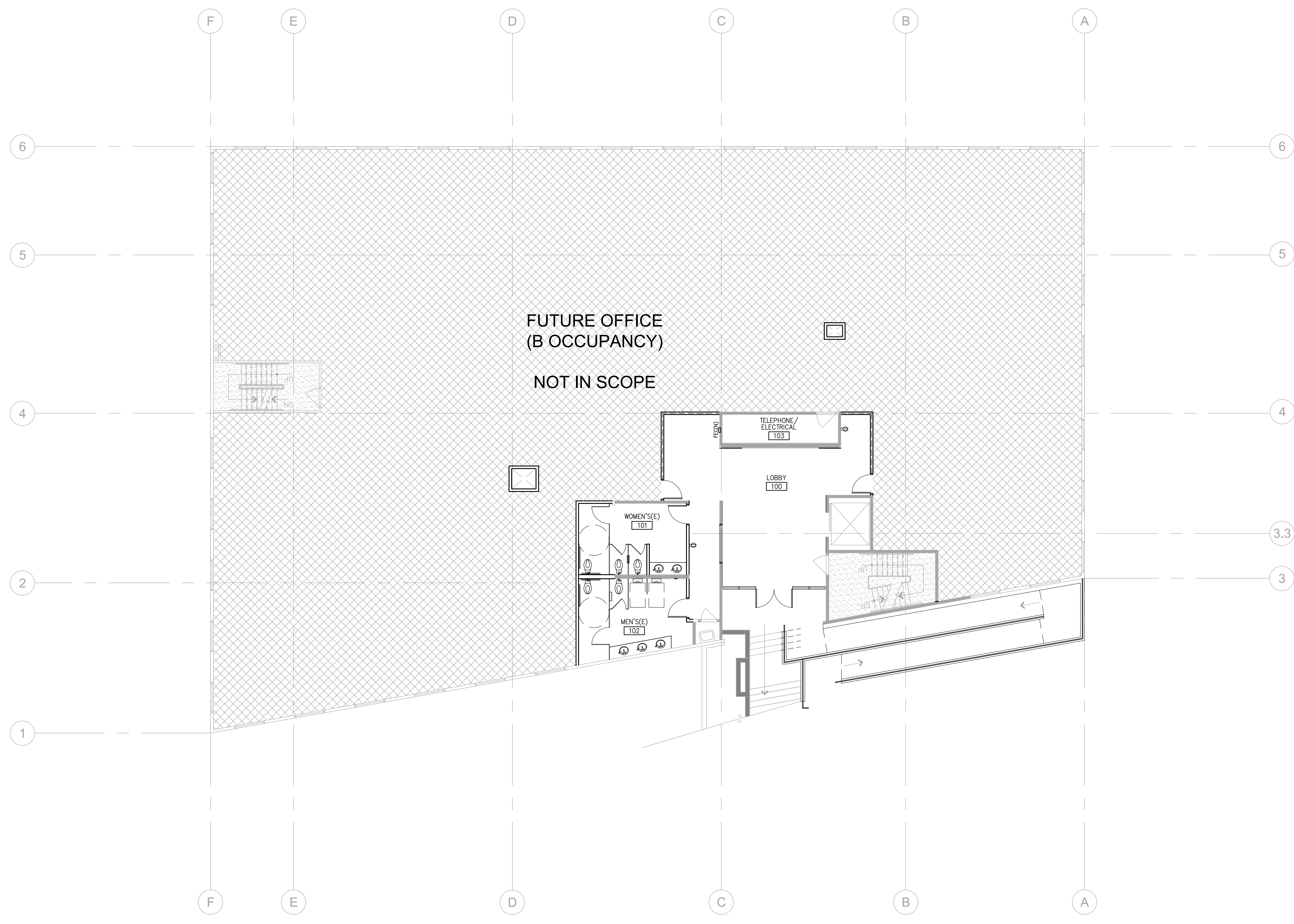
2012.01.05 ISSUE FOR CONSTRUCTION

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

COMBINED NOTES FOR ALL POWER/SIGNAL PLAN SHEETS.

- 1 ALL FURNITURE TO BE PROVIDED AND INSTALLED BY TENANT. VERIFY EXACT LOCATIONS WITH FURNITURE DEALER PRIOR TO INSTALLATION OF RELATED POWER & SIGNAL CONNECTIONS.
- 2 SEE ELECTRICAL DRAWINGS FOR ADDITIONAL POWER REQUIREMENTS AND INFORMATION.
- 3 FLOOR POWER/DATA. CONFIRM DEVICE TYPES AND LOCATIONS WITH A-V VENDOR AND FURNITURE VENDOR. TO BE CENTERED ON TABLE IN THIS ROOM, U.O.N.
- 4 EXISTING ELECTRICAL OUTLET TO REMAIN.
- 5 VERIFY POWER REQUIREMENTS FOR USER PROVIDE EQUIPMENT PRIOR TO INSTALLATION OF RELATED POWER & SIGNAL CONNECTIONS.
- 6 COORDINATE MOUNTING HEIGHT WITH A-V VENDOR.
- 7 CEILING MOUNTED PROJECTOR BY A-V VENDOR. PROVIDE CEILING POWER AND DATA.
- 8 CONFIRM ROOM'S ELECTRICAL/DATA REQUIREMENTS AND LOCATIONS WITH TENANT PRIOR TO ROUGH IN.



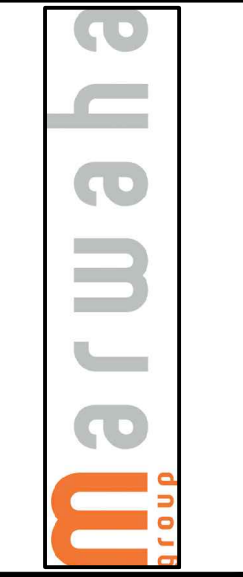
POWER & SIGNAL PLAN - FLOOR 02
SCALE: 1/8"=1'-0"

POWER & SIGNAL LEGEND

- EXISTING COMBINATION TELEPHONE/DATA OUTLET TO REMAIN.
- EXISTING 110v. DUPLEX RECEPTACLE TO REMAIN.
- NEW 110v. DUPLEX RECEPTACLE, MOUNTED VERTICALLY AT +18" A.F.F., U.O.N. "C" DESIGNATES RECESSED TYPE SOCKET.
- NEW 110v. DUPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTER OR SPLASH.
- NEW 110v. FOURPLEX RECEPTACLE, MOUNTED AT +18" A.F.F., U.O.N.
- NEW 110v. FOURPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTER OR SPLASH.
- NEW 110v. FOURPLEX RECEPTACLE, MOUNTED FLUSH IN FLOOR BOX WITH FITTINGS. PROVIDE RATING AS REQUIRED. "P" DESIGNATES PEDESTAL TYPE.
- COMBINATION TELEPHONE/DATA OUTLET MUD RING, WALL-MOUNTED AT 18" A.F.F., U.O.N. PROVIDE PULL ROPE TO ABOVE ACCESSIBLE CEILING SPACE.
- COMBINATION TELEPHONE/DATA OUTLET MUD RING, WALL-MOUNTED 6" ABOVE COUNTER OR SPLASH. PROVIDE PULL ROPE TO ABOVE ACCESSIBLE CEILING SPACE.
- AUDIO VIDEO OR COAX CABLE JUNCTION BOX WITH 1"-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE.
- VIDEO CONNECTION. PROVIDE 1"-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE.
- NEW 110v. CLOCK OUTLET RECEPTACLE, MOUNTED VERTICALLY AT +18" A.F.F., U.O.N.
- COMBINATION TELEPHONE/DATA OUTLET FLUSH IN FLOOR BOX WITH FITTINGS. PROVIDE FIRE RATING AS REQUIRED. "P" DESIGNATES PEDESTAL TYPE DEVICE.
- COMBINATION 110v. DUPLEX RECEPTACLE/DATA OUTLET, MOUNTED FLUSH IN FLOOR BOX WITH FITTINGS. PROVIDE RATING AS REQUIRED.
- JUNCTION BOX, FLUSH-MOUNTED IN FLOOR WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. SEE ELECTRICAL DRAWINGS.
- COMBINATION TELEPHONE/DATA OUTLET, FLUSH-MOUNTED IN FLOOR WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
- NEW JUNCTION BOX, CEILING-MOUNTED (IN ACCESSIBLE CEILING). SEE ELECTRICAL DRAWINGS.

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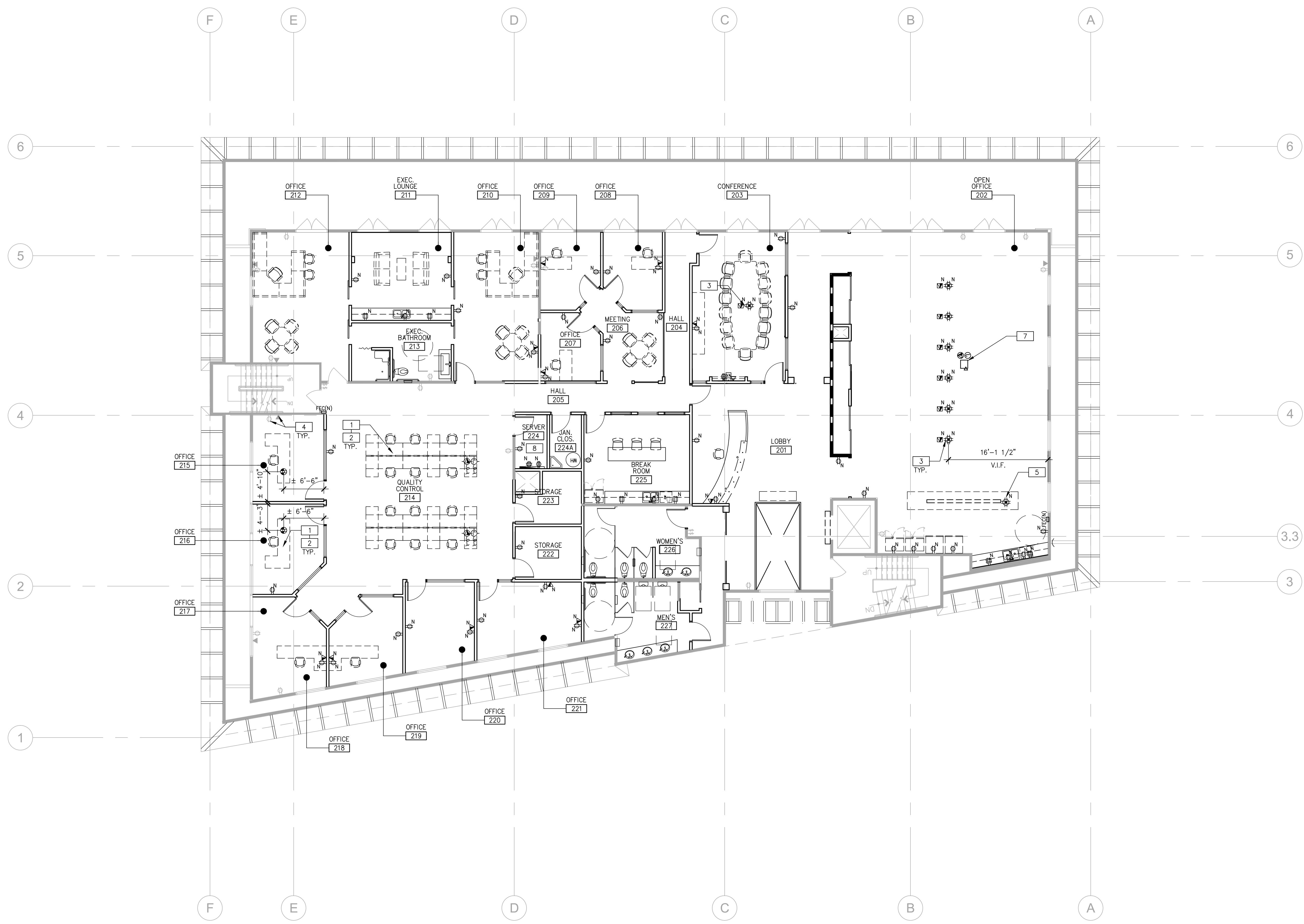
POWER & SIGNAL PLAN - FLOOR 02

DATE	REVISIONS	DATE	REVISIONS
2011.01.05	PLAN CHECK		
2011.10.10	PLAN CHECK		
2012.01.05	ISSUE FOR CONSTRUCTION		

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DRAWN BY: KS
JOB NO.: SDG11-6064-00

SHEET
A3.1

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POWER & SIGNAL PLAN - FLOOR 03
SCALE: 1/8"=1'-0"

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES
COMBINED NOTES FOR ALL POWER/SIGNAL PLAN SHEETS.

- 1 ALL FURNITURE TO BE PROVIDED AND INSTALLED BY TENANT. VERIFY EXACT LOCATIONS WITH FURNITURE DEALER PRIOR TO INSTALLATION OF RELATED POWER & SIGNAL CONNECTIONS.
- 2 SEE ELECTRICAL DRAWINGS FOR ADDITIONAL POWER REQUIREMENTS AND INFORMATION.
- 3 FLOOR POWER/DATA. CONFIRM DEVICE TYPES AND LOCATIONS WITH A-V VENDOR AND FURNITURE VENDOR. TO BE CENTERED ON TABLE IN THIS ROOM, U.O.N.
- 4 EXISTING ELECTRICAL OUTLET TO REMAIN.
- 5 VERIFY POWER REQUIREMENTS FOR USER PROVIDE EQUIPMENT PRIOR TO INSTALLATION OF RELATED POWER & SIGNAL CONNECTIONS.
- 6 COORDINATE MOUNTING HEIGHT WITH A-V VENDOR.
- 7 CEILING MOUNTED PROJECTOR BY A-V VENDOR. PROVIDE CEILING POWER AND DATA.
- 8 CONFIRM ROOM'S ELECTRICAL/DATA REQUIREMENTS AND LOCATIONS WITH TENANT PRIOR TO ROUGH IN.

POWER & SIGNAL LEGEND

- EXISTING COMBINATION TELEPHONE/DATA OUTLET TO REMAIN.
- EXISTING 110v. DUPLEX RECEPTACLE TO REMAIN.
- NEW 110v. DUPLEX RECEPTACLE, MOUNTED VERTICALLY AT +18" A.F.F., U.O.N. "C" DESIGNATES RECESSED TYPE SOCKET.
- NEW 110v. DUPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTER OR SPLASH.
- NEW 110v. FOURPLEX RECEPTACLE, MOUNTED AT +18" A.F.F., U.O.N.
- NEW 110v. FOURPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTER OR SPLASH.
- NEW 110v. FOURPLEX RECEPTACLE, MOUNTED FLUSH IN FLOOR BOX WITH FITTINGS. PROVIDE RATING AS REQUIRED. "P" DESIGNATES PEDESTAL TYPE
- COMBINATION TELEPHONE/DATA OUTLET MUD RING, WALL-MOUNTED AT 18" A.F.F., U.O.N. PROVIDE PULL ROPE TO ABOVE ACCESSIBLE CEILING SPACE.
- COMBINATION TELEPHONE/DATA OUTLET MUD RING, WALL-MOUNTED 6" ABOVE COUNTER OR SPLASH. PROVIDE PULL ROPE TO ABOVE ACCESSIBLE CEILING SPACE.
- AUDIO VIDEO OR COAX CABLE JUNCTION BOX WITH 1"-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE.
- VIDEO CONNECTION. PROVIDE 1"-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE.
- NEW 110v. CLOCK OUTLET RECEPTACLE, MOUNTED VERTICALLY AT +18" A.F.F., U.O.N.
- COMBINATION TELEPHONE/DATA OUTLET FLUSH IN FLOOR BOX WITH FITTINGS. PROVIDE FIRE RATING AS REQUIRED. "P" DESIGNATES PEDESTAL TYPE DEVICE.
- COMBINATION 110v. DUPLEX RECEPTACLE/DATA OUTLET, MOUNTED FLUSH IN FLOOR BOX WITH FITTINGS. PROVIDE RATING AS REQUIRED.
- JUNCTION BOX, FLUSH-MOUNTED IN FLOOR WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. SEE ELECTRICAL DRAWINGS.
- COMBINATION TELEPHONE/DATA OUTLET, FLUSH-MOUNTED IN FLOOR WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
- NEW JUNCTION BOX, CEILING-MOUNTED (IN ACCESSIBLE CEILING). SEE ELECTRICAL DRAWINGS.

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POWER & SIGNAL PLAN - FLOOR 03		DATE	REMARKS
DATE	PLAN CHECK		
2011.10.10	PLAN CHECK		
2012.01.05	ISSUE FOR CONSTRUCTION		

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2012.01.05 ISSUE FOR CONSTRUCTION

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

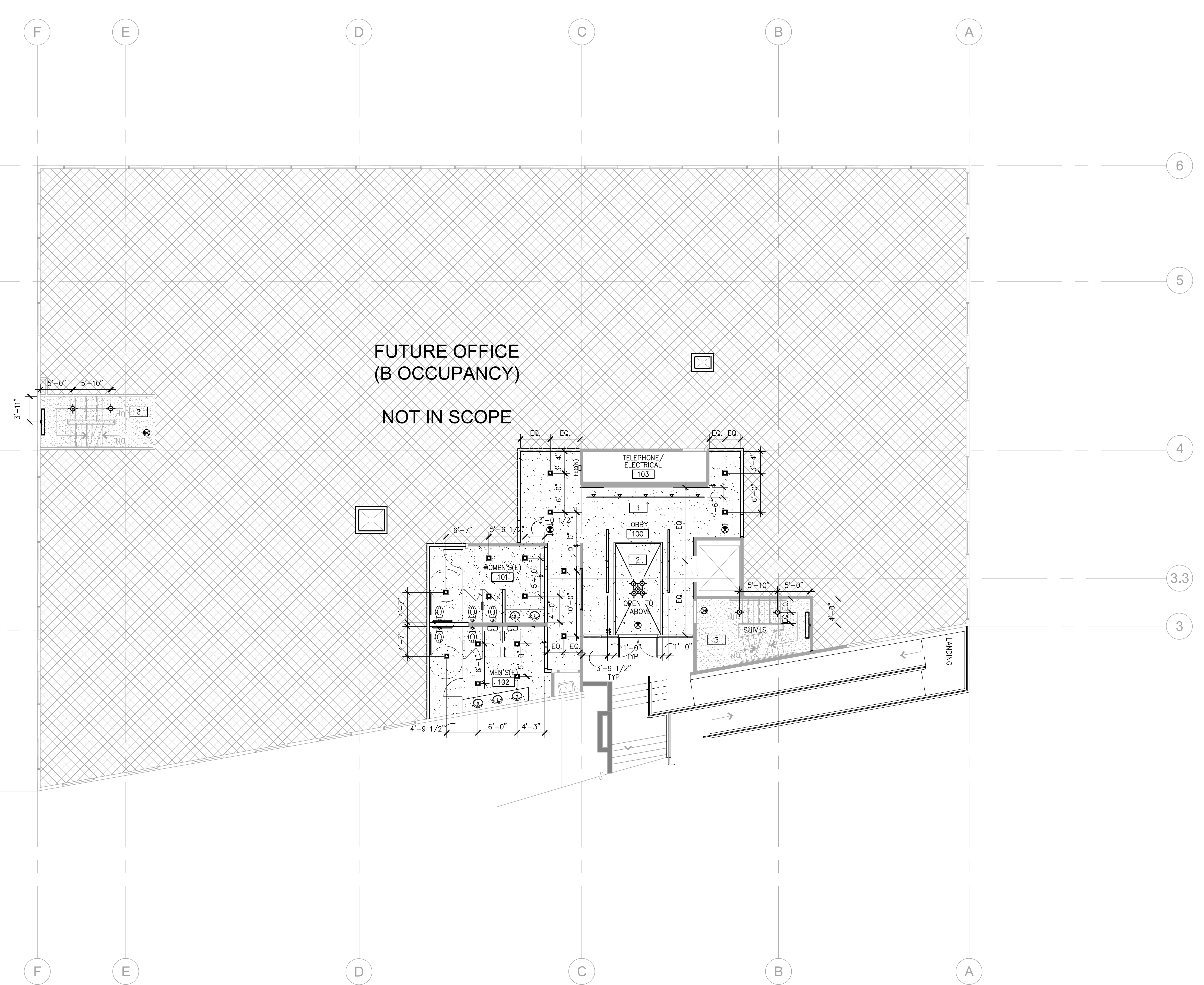
- 1 PROVIDED DRYWALL CEILING AT 8'-0" A.F.F.
- 2 THIS AREA IS OPEN TO ABOVE.
- 3 EXISTING CEILING TO REMAIN.

REFLECTED CEILING LEGEND

- NEW AREA OF 2'x2' SUSPENDED CEILING GRID & TILES: ARMSTRONG OPTIMA, 9/16" SQUARE REGULAR, WHITE.
- EXISTING GYPSUM BOARD CEILING TO REMAIN.
- NEW 5/8" TYPE "X" GYPSUM BOARD CEILING OR SOFFIT - USE RATED MATERIAL & CONSTRUCTION WHERE REQUIRED.
- NEW SURFACE MOUNTED LIGHT WITH DIRECT/INDIRECT LIGHT DISTRIBUTION: ZANEEN LIGHTING; NEVER ENDING PROFILE LIGHT SINGLE, MODEL #3301300. OR APPROVED EQUAL.
- NEW MONORAIL SYSTEM LIGHT FIXTURE: FAST JACK HARLEY, SATIN NICKEL. OR APPROVED EQUAL.
- NEW RECESSED LINEAR LIGHTING: ZANEEN; IDAHO SYSTEM MODEL #3928500. OR APPROVED EQUAL.
- NEW RECESSED DOWNLIGHT: ZANEEN - CAVE RECESSED L363220C, CHROME.
- ALT #1:** CALCULITE MATRIX 4 1/2" X 4 1/2"
- ALT #2:** CALCULITE HID DOWNLIGHT #C6170VM
- NEW PENDANT LIGHT FIXTURE: NICHE MODERN SOLITAIRE, SILICA SERIES "SMOKE". OR APPROVED EQUAL.
- SWITCH - DECORA
- NEW CEILING-MOUNTED EXIT SIGN W/ BATTERY BACKUP, SHADED QUADRANT INDICATES FACE OF LETTERING. SIGN TO INCLUDE DIRECTIONAL ARROW AS INDICATED - SEE ELEC. DWGS.

NOTE: EXIT SIGNS SHALL BE SELF-LUMINOUS TYPE OR ELECTRICALLY ILLUMINATED & ENERGIZED FROM SEPARATE CIRCUITS, ONE OF WHICH SHALL BE FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR.

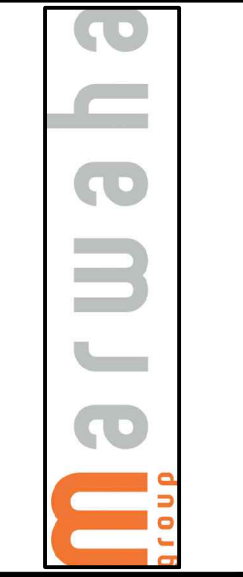
NOTE: ADDITIONAL DIRECTIONAL EXIT SIGNS MAY BE REQUIRED PRIOR TO FINAL INSPECTION AND SUBJECT TO BUILDING INSPECTOR.



REFLECTED CEILING L PLAN - FLOOR 02
SCALE: 1/8"=1'-0"

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REFLECTED CEILING PLAN - FLOOR 02

DATE	REVISIONS	DATE	REVISIONS
2011.10.10	PLAN CHECK		
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

PA / PM: TENGLISH

DRAWN BY: KS

JOB NO.: SDG11-6064-00

SHEET

A4.1

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

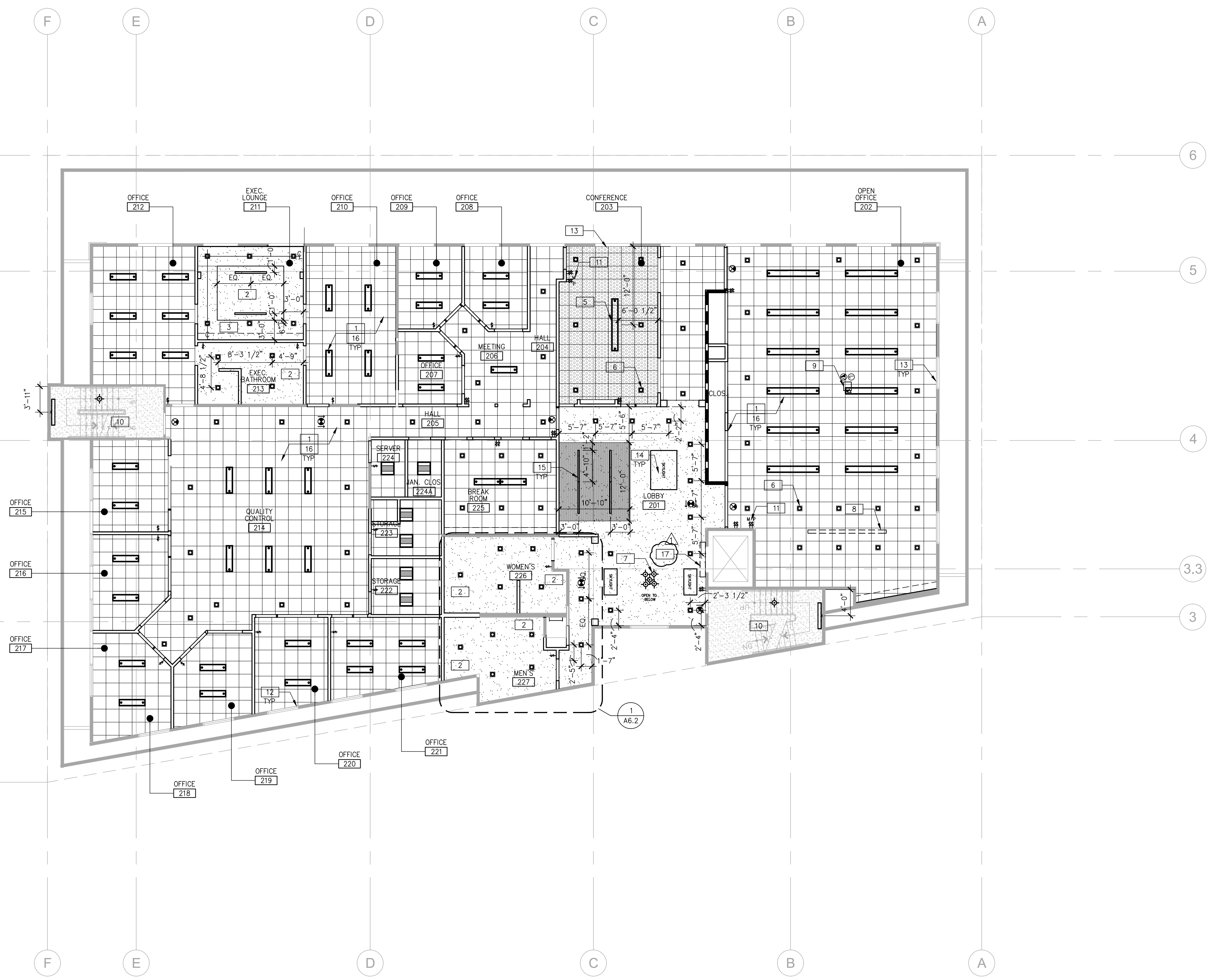
- 1 SUSPENDED CEILING SYSTEM THROUGHOUT TO BE ARMSTRONG OPTIMA 2'x2' REGULAR EDGE, WITH 9/16" SUPRAFINE HEAVY DUTY PRELUDE WHITE GRID. INSTALL AT 9'-0" AFF - VERIFY FIELD CONDITION TO SEE IF THIS IS POSSIBLE. INSTALL CEILING AS HIGH AS POSSIBLE.
- 2 PROVIDED DRYWALL CEILING AT 9'-0" A.F.F. - VERIFY FIELD CONDITION TO SEE IF THIS IS POSSIBLE.
- 3 PROVIDE METAL STUDS AND DRYWALL SOFFIT AT 8'-0" A.F.F.
- 4 THIS AREA IS OPEN TO ABOVE.
- 5 CENTER LIGHT OVER NEW CONFERENCE TABLE.
- 6 ALL DOWNLIGHTS ARE TO BE DIMMABLE IN THIS ROOM.
- 7 PENDANT CLUSTER AT VARYING HEIGHTS. ACTUAL HEIGHTS TBD.
- 8 NEW FULLY RECESSED ELECTRIC PROJECTION SCREEN. OBTAIN SIZE/SPECIFICATIONS FROM OWNER'S AUDIO-VISUAL VENDOR.
- 9 NEW CEILING MOUNTED PROJECTOR. COORDINATE REQUIREMENTS WITH AUDIO-VISUAL VENDOR.
- 10 EXISTING CEILING TO REMAIN.
- 11 SWITCHES FOR PROJECTOR AND WINDOW SHADES: 2 SWITCHES IN ONE 2X FACE PLATE.
- 12 PROVIDE MANUAL, SURFACE MOUNT MECHOSHADOWS AT ALL EXTERIOR WINDOWS, TYPICAL THROUGHOUT U.O.N., ALIGN GAPS AT THE CENTER OF THE MULLIONS. MECHOSHADOWS SYSTEMS THERMOVEL DENSE VERTICAL WEAVE SHADECLOTH 1000 SERIES "1004 BLACK/BROWN", 3% OPENNESS FACTOR.
- 13 PROVIDE MOTORIZED, BLACKOUT MECHOSHADOWS IN THIS ROOM. PROVIDE LIGHT SEAL CHANNELS, TIE IN TO ROOM'S AUDIO-VISUAL SYSTEM, OR CONTROL FROM SWITCH(S) NEAR LIGHT SWITCHES. MECHOSHADOWS SYSTEMS THERMOVEL PRIVACY SHADECLOTH 0900 SERIES "0904 BLACK/BROWN", 0% OPENNESS FACTOR.
- 14 NEW DUAL PAINE FROSTED FINISH SKYLIGHT. COORDINATE REQUIREMENTS /SPECIFICATION WITH SKYLIGHT VENDOR.
- 15 LIGHT FIXTURE
- 16 REPLACE EXISTING SPRINKLER HEAD WITH NEW CONCEALED SPRINKLER HEAD WITH FLUSH PLATE.
- 17 PROVIDE SMOKE GUARD DOOR AT ELEVATOR DOOR IN ACCORDANCE WITH CODE SECTION 711.

REFLECTED CEILING LEGEND

- NEW AREA OF 2'x2' SUSPENDED CEILING GRID & TILES: ARMSTRONG OPTIMA, 9/16" SQUARE REGULAR, WHITE.
- NEW AREA OF 2'x2' SUSPENDED CEILING GRID & TILES: ARMSTRONG WOODWORKS 9/16" SQUARE REGULAR, VENEER AND PERFORATION TBD.
- NEW ARMSTRONG WOODWORKS LINEAR - TRANSITION FROM CEILING TO WALL. OR APPROVED EQUAL. SEE ELEVATION.
- EXISTING GYPSUM BOARD CEILING TO REMAIN.
- NEW 5/8" TYPE "X" GYPSUM BOARD CEILING OR SOFFIT - USE RATED MATERIAL & CONSTRUCTION WHERE REQUIRED.
- NEW SURFACE MOUNTED LIGHT WITH DIRECT/INDIRECT LIGHT DISTRIBUTION: ZANEEN LIGHTING; NEVER ENDING PROFILE LIGHT SINGLE, MODEL #3301300. OR APPROVED EQUAL.
- NEW 2'x2' INDIRECT FLUORESCENT LIGHT FIXTURE. ARCHITECT TO APPROVE.
- NEW 1'x8' PENDANT-HUNG FLUORESCENT LIGHT FIXTURE: DELTA LIGHT; NOBODY 300 P2254L.
- ALT #1: NEW 2'x4' INDIRECT FLUORESCENT LIGHT FIXTURE BY LIGHTOLIER; COFFAIRE II RECESSED FLUORESCENT- CFH2GPF232
- NEW 1'x4' PENDANT-HUNG; ZANEEN; SPEED CONTROL MIX MODEL #3135105, SILVER.
- ALT #1: NEW 2'x4' INDIRECT FLUORESCENT LIGHT FIXTURE BY LIGHTOLIER; COFFAIRE II RECESSED FLUORESCENT- CFH2GPF232
- NEW MONORAIL SYSTEM LIGHT FIXTURE: FAST JACK HARLEY, SATIN NICKEL, OR APPROVED EQUAL.
- NEW RECESSED LINEAR LIGHTING: ZANEEN; IDAHO SYSTEM MODEL #3928500. OR APPROVED EQUAL.
- NEW RECESSED DOWNLIGHT: ZANEEN - CAVE RECESSED L363220C, CHROME.
- ALT #1: CALCULITE MATRIX 4 1/2" X 4 1/2"
ALT #2: CALCULITE HID DOWNLIGHT #C6170VM
- NEW PENDANT LIGHT FIXTURE: NICHE MODERN SOLITAIRE, SILICA SERIES "SMOKE", OR APPROVED EQUAL.
- SWITCH - DECORA
- SWITCH FOR CEILING PROJECTOR
- NEW CEILING-MOUNTED EXIT SIGN W/ BATTERY BACKUP, SHADED QUADRANT INDICATES FACE OF LETTERING. SIGN TO INCLUDE DIRECTIONAL ARROW AS INDICATED - SEE ELEC. DWGS.

NOTE: EXIT SIGNS SHALL BE SELF-LUMINOUS TYPE OR ELECTRICALLY ILLUMINATED & ENERGIZED FROM SEPARATE CIRCUITS, ONE OF WHICH SHALL BE FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR.

NOTE: ADDITIONAL DIRECTIONAL EXIT SIGNS MAY BE REQUIRED PRIOR TO FINAL INSPECTION AND SUBJECT TO BUILDING INSPECTOR.



REFLECTED CEILING L PLAN - FLOOR 03
SCALE: 1/8"=1'-0"

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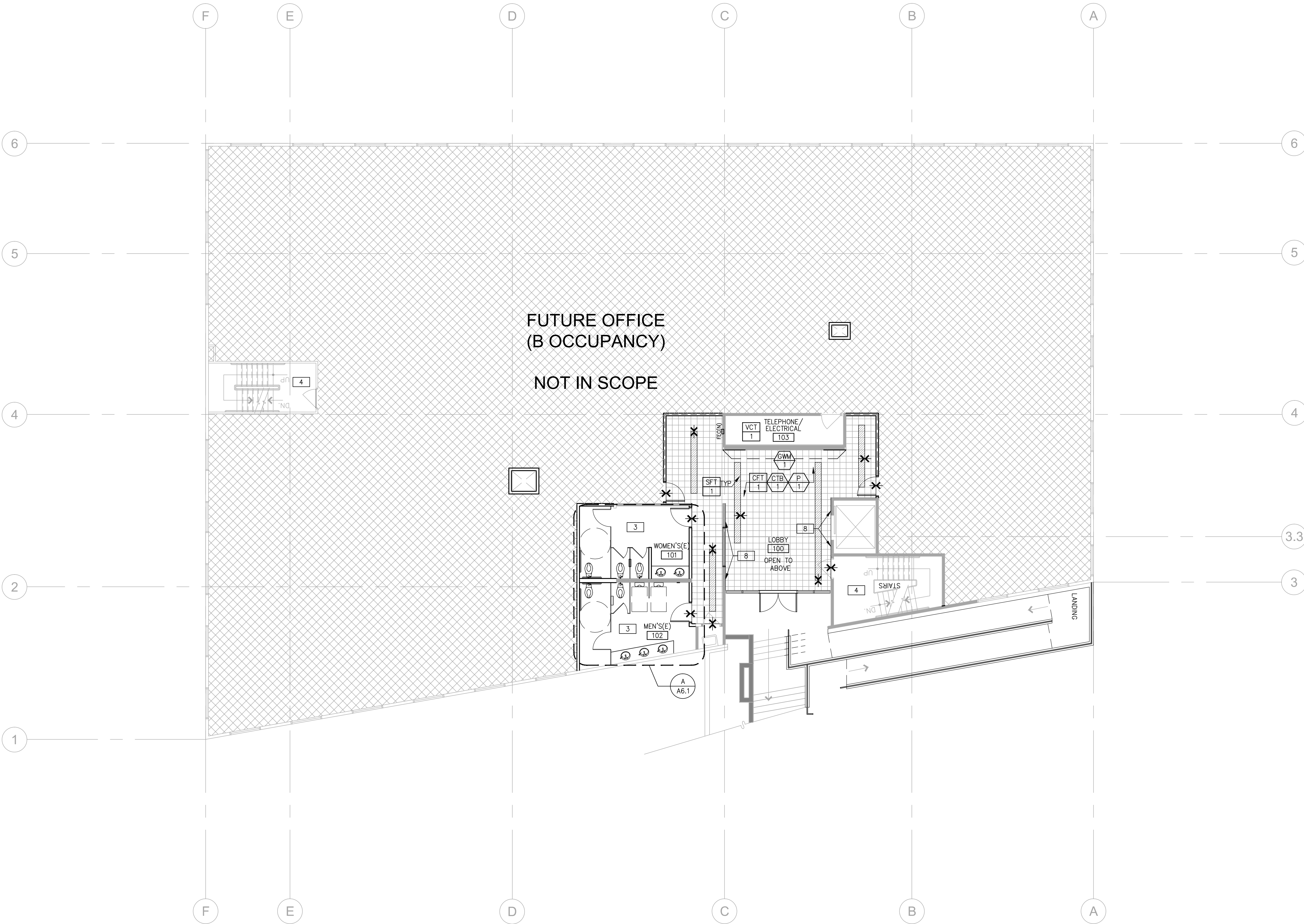
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REFLECTED CEILING PLAN - FLOOR 03		REMARKS	DATE
DATE	2011.10.10	PLAN CHECK	
DATE	2011.10.10	PLAN CHECK RE-SUBMITTAL	
DATE	2012.01.05	ISSUE FOR CONSTRUCTION	

PA / PM: TENGLISH
DRAWN BY: KS
JOB NO.: SDG11-6064-00

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A4.2

2012.01.05 ISSUE FOR CONSTRUCTION



FINISH PLAN - FLOOR 02
SCALE: 1/8"=1'-0"

FINISH LEGEND

WALL FINISHES

P 1	ITEM: PAINT - TYPICAL THROUGHOUT, U.O.N. MFR: SHERWIN WILLIAMS COLOR/NO: IVORY LACE / SW7013 FINISH: EGGSHELL
P 2	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: WHOLE WHEAT / SW6121 FINISH: EGGSHELL
P 3	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: AVENUE TAN / SW7543 FINISH: EGGSHELL
P 4	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: FENLAND / SW7544 FINISH: EGGSHELL
P 5	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: LILAC GREEN / SW6712 FINISH: EGGSHELL
P 6	ITEM: PAINT - ACCENT MFR: BENJAMIN MOORE COLOR/NO: CARAMEL LATTE / 2166-20 FINISH: EGGSHELL
P 7	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: PERFECT GREIGE / SW6073 FINISH: EGGSHELL

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING PAINT SEE www.waremalcomb.com/ws/09900-001.pdf

RB 1	ITEM: RUBBER BASE MFR: ROPPE COLOR/NO: LUNAR DUST 114 SIZE: 4 STYLE: STRAIGHT @ CARPET / COVER @ RESILIENT FLOORING
RB 2	ITEM: RUBBER BASE, DECORATIVE - CONFERENCE MFR: TBD COLOR/NO: TBD SIZE: TBD STYLE: STRAIGHT @ CARPET / COVER @ RESILIENT FLOORING
GWM 1	ITEM: GLASS WALL MOSAIC MFR: VOGUEBAY (DAL TILE) COLOR/NO: GREAT WALL A10-R; MG01 OPTIC WHITE, GLOSSY SIZE: 12 3/4" x 11 3/8" SH1 GROUT: TBD LEAD TIME - IN STOCK
GWM 2	ITEM: GLASS WALL MOSAIC - RESTROOMS MFR: VOGUEBAY (DAL TILE) COLOR/NO: ICEBERG MOSAIC MBS109 SIZE: 12"x12" GROUT: TBD LEAD TIME - IN STOCK
CWT 1	ITEM: CERAMIC WALL TILE MFR: VOGUEBAY (DAL TILE) COLOR/NO: FERLINO (POLISHED) SIZE: 16"x16" GROUT: MAPEI #14 BISCUIT LEAD TIME - IN STOCK

CONTACT LIST

MANUFACTURER:	VOGUEBAY (DAL TILE)
CONTACT:	SCOTT CHOUINARD
PHONE NUMBER:	(951) 757-4919

ITEM:	CERAMIC TILE BASE
MFR:	STONE SOURCE
COLOR/NO:	TRANQUILITY CREMA LUNA "POLISHED"
SIZE:	4"x12" (CUT FROM 12X12)
GROUT:	MAPEI #14 BISCUIT
NOTE:	6 WEEK LEAD TIME (APPROX.)

ITEM:	CERAMIC TILE BASE
MFR:	STONE SOURCE
COLOR/NO:	TRANQUILITY CREMA LUNA "MATTE"
SIZE:	4"x12" (CUT FROM 12X12)
GROUT:	MAPEI #14 BISCUIT
NOTE:	LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)

CONTACT LIST

MANUFACTURER:	STONE SOURCE
CONTACT:	LYNNE DOMINIZ
PHONE NUMBER:	(760) 212-1158

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CERAMIC TILE SEE www.waremalcomb.com/ws/09310-001.pdf

FLOOR FINISHES

C 1	ITEM: CARPET - TYPICAL THROUGHOUT, U.O.N. MFR: SHAW CONTRACT GROUP STYLE: MINIMAL TILE #59164 COLOR/NO: MARGIN #64155 INSTALLATION: MONOLITHIC, GLUE-DOWN NOTE: 6 WEEKS LEAD TIME (APPROX.)
C 2	ITEM: CARPET - ACCENT MFR: SHAW CONTRACT GROUP STYLE: ABSTRACT EDGE TILE #59145 COLOR/NO: PAPRIKA MARGIN #67156 INSTALLATION: MONOLITHIC, GLUE-DOWN NOTE: 6 WEEKS LEAD TIME (APPROX.)
C 3	ITEM: CARPET - STAIR NOSING MFR: SHAW CONTRACT GROUP SCALE: #95955 COLOR/NO: PAPRIKA #95668 INSTALLATION: GLUE-DOWN NOTE: 6 WEEKS LEAD TIME (APPROX.)

CONTACT LIST

MANUFACTURER:	SHAW CONTRACT GROUP
CONTACT:	CATHY MILLER
PHONE NUMBER:	(760) 815-7371

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CARPET SEE www.waremalcomb.com/ws/09680-001.pdf

ITEM:	CERAMIC FLOOR TILE
MFR:	STONE SOURCE
COLOR/NO:	TRANQUILITY CREMA LUNA "POLISHED"
SIZE:	12"x12"
GROUT:	MAPEI #14 BISCUIT
NOTE:	6 WEEK LEAD TIME (APPROX.)

ITEM:	CERAMIC FLOOR TILE - BREAK AND RESTROOMS
MFR:	STONE SOURCE
COLOR/NO:	TRANQUILITY CREMA LUNA "MATTE"
SIZE:	12"x12"
GROUT:	MAPEI #14 BISCUIT
NOTE:	LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)

CONTACT LIST

MANUFACTURER:	STONE SOURCE
CONTACT:	LYNNE DOMINIZ
PHONE NUMBER:	(760) 212-1158

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CERAMIC TILE SEE www.waremalcomb.com/ws/09310-001.pdf

ITEM:	VINYL COMPOSITION TILE - FIELD TILE
MFR:	ARMSTRONG
COLOR/NO:	TBD
SIZE:	12"x12"

ITEM:	STONE FLOOR TILE
MFR:	ARIZONA TILE, CONTACT ASHA PARKER - APARKER@ARIZONATILE.COM, CELL: 619.838.8825
COLOR/NO:	MC EMPERADOR DARK (ARCHITECT TO PROVIDE CONTROL SAMPLE FOR COLOR RANGE)
SIZE:	12"x12"x3/8"
FINISH:	POLISHED
GROUT:	TBD
NOTE:	3-5 DAYS LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING STONE FLOOR COVERING SEE www.waremalcomb.com/ws/09638-001.pdf

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

COMBINED NOTES FOR ALL FINISH PLAN SHEETS.

- ALL ROOMS TO RECEIVE PAINT (P-1), RUBBER BASE (RB-1) AND CARPET (C-1), U.O.N.
- PAINT IN THIS ROOM TO BE SEMI-GLOSS.
- GYP. BD. SOFFIT/CEILING TO RECEIVE PAINT (P-1)
- ALL STAIRS TO BE FINISHED WITH CARPET C-1 WITH CONTRASTING CARPET C-3 AT STAIR NOSING AS REQUIRED FOR ADA. SEE DETAIL ___ ON SHEET A8.3. ALSO PROVIDE RUBBER STRINGER TO MATCH RB-1, U.O.N.
- SEE ENLARGED RESTROOM SHEETS FOR WALL FINISHES.
- SEE MILLWORK ELEVATIONS FOR FINISHES.
- EXISTING FINISHES TO REMAIN IN THIS ROOM.
- PROVIDE MARLITE WOOD PANELING, STAIN TO MATCH PL-2 "KONA BLEND". SEE ELEVATION ___ FOR DETAILS.
- NEW ARMSTRONG WOODWORKS LINEAR - TRANSITION FROM CEILING TO WALL OR APPROVED EQUAL.

SYMBOLS LEGEND

✕ INDICATES LINE OF FLOOR TRANSITION

X INDICATES LOCATION OF NON-TYPICAL WALL FINISH

MISCELLANEOUS FINISHES

GL 1	ITEM: GLASS - OPEN CEILING RAILING MFR: TBD COLOR/NO: TBD NOTE: LEAD TIME-
GL 2	ITEM: GLASS - RECEPTION TRANSACTION COUNTER MFR: TBD COLOR/NO: TBD NOTE: LEAD TIME-
PL 1	ITEM: PLASTIC LAMINATE - RECEPTION WORK COUNTER MFR: NEVAMAR COLOR/NO: SMOKY WHITE #57027T

PL 2	ITEM: PLASTIC LAMINATE - VERTICAL SURFACES MFR: NEVAMAR COLOR/NO: KONA BLEND #W2002BPV
PL 3	ITEM: PLASTIC LAMINATE - ACCENT MFR: CHEMETAL COLOR/NO: LINEAR ALUMINUM
PL 4	ITEM: PLASTIC LAMINATE - RESTROOM PARTITION MFR: CHEMETAL COLOR/NO: KALEIDOSCOPE #407
SSM 1	ITEM: SOLID SURFACE MATERIAL BREAK ROOM COUNTER MFR: CAESARSTONE QUARTZ SURFACES COLOR/NO: #1141 "WHITE" - PENDING OWNER APPROVAL NOTE: LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)
SSM 2	ITEM: SOLID SURFACE MATERIAL - BREAK ROOM ISLAND COUNTER MFR: AMERICAN STONE COMPANY COLOR/NO: ODYSSEY ENGINEERED MARBLE "CRYSTAL WHITE" NOTE: LEAD TIME -

CONTACT LIST

MANUFACTURER:	CAESARSTONE QUARTZ SURFACES
CONTACT:	KYLE ROGALSKI
PHONE NUMBER:	(818) 394-6000

MANUFACTURER:	AMERICAN STONE COMPANY
CONTACT:	ABE
PHONE NUMBER:	(818) 982-7770

MANUFACTURER:	ARIZONA TILE
CONTACT:	ASHA PARKER - APARKER@ARIZONATILE.COM
PHONE NUMBER:	(619) 838-8825

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FINISH PLAN - FLOOR 02

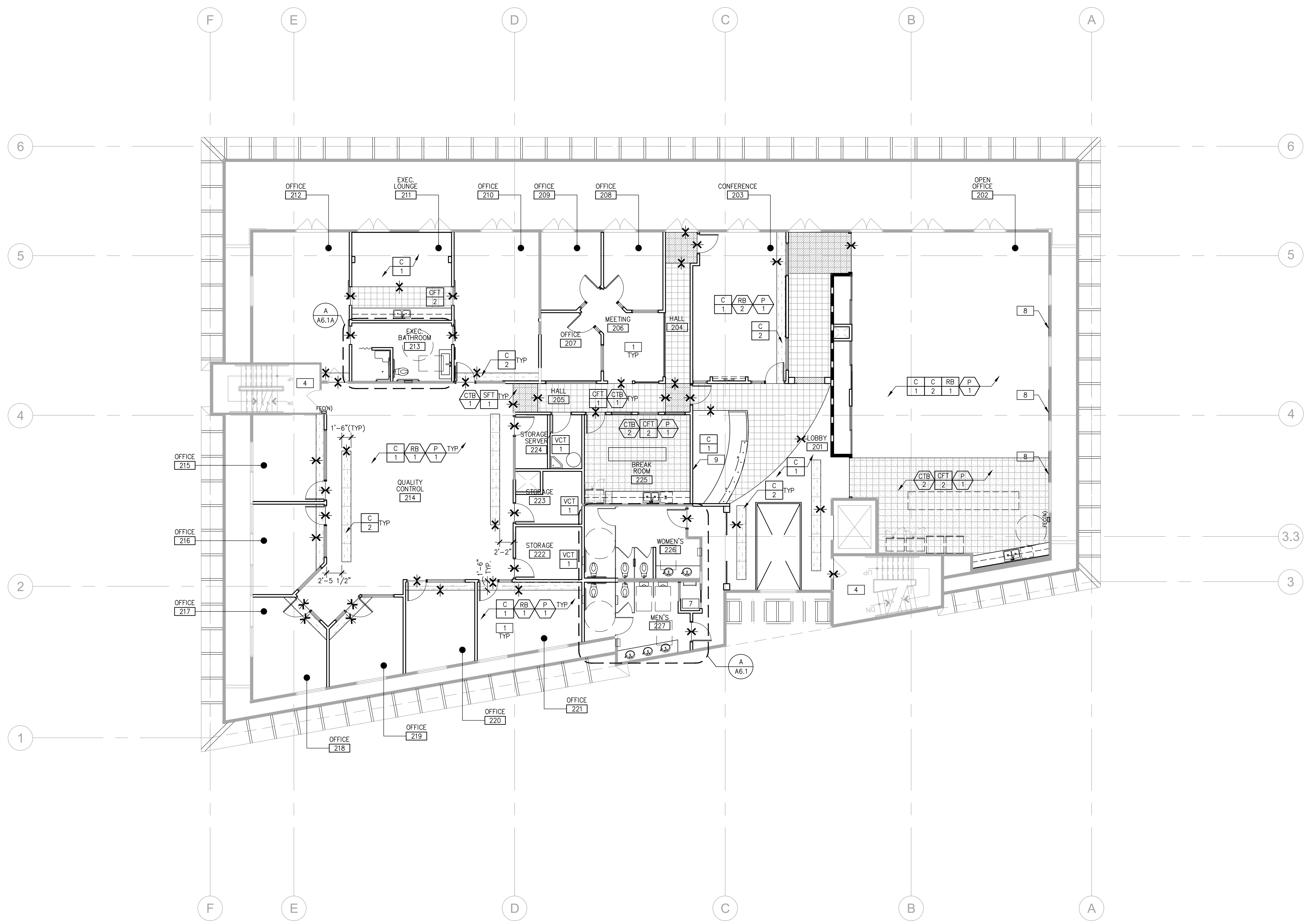
DATE	REVISIONS	DATE	REVISIONS
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

PA / PM: TENGLISH
DRAWN BY: KS
JOB NO.: SD011-6064-00

SHEET
A5.1

ISSUE FOR CONSTRUCTION

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FINISH PLAN - FLOOR 03
SCALE: 1/8"=1'-0"

FINISH LEGEND

WALL FINISHES

P 1	ITEM: PAINT - TYPICAL THROUGHOUT, U.O.N. MFR: SHERWIN WILLIAMS COLOR/NO: IVORY LACE / SW7013 FINISH: EGGSHELL
P 2	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: WHOLE WHEAT / SW6121 FINISH: EGGSHELL
P 3	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: AVENUE TAN / SW7543 FINISH: EGGSHELL
P 4	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: FENLAND / SW7544 FINISH: EGGSHELL
P 5	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: LULUI GREEN / SW6712 FINISH: EGGSHELL
P 6	ITEM: PAINT - ACCENT MFR: BENJAMIN MOORE COLOR/NO: CARAMEL LATTE / 2166-20 FINISH: EGGSHELL
P 7	ITEM: PAINT - ACCENT MFR: SHERWIN WILLIAMS COLOR/NO: PERFECT GREIGE / SW6073 FINISH: EGGSHELL

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING PAINT SEE www.waremalcomb.com/ws/09900-001.pdf

RB 1	ITEM: RUBBER BASE MFR: ROPPE COLOR/NO: LUNAR DUST 114 SIZE: 4 STYLE: STRAIGHT @ CARPET / COVER @ RESILIENT FLOORING
RB 2	ITEM: RUBBER BASE, DECORATIVE - CONFERENCE MFR: TBD COLOR/NO: TBD SIZE: TBD STYLE: STRAIGHT @ CARPET / COVER @ RESILIENT FLOORING
GWM 1	ITEM: GLASS WALL MOSAIC MFR: VOGUEBAY (DAL TILE) COLOR/NO: GREAT WALL A10-R; MG01 OPTIC WHITE, GLOSSY SIZE: 12 3/4" x 11 3/8" SH1 GROUT: TBD NOTE: LEAD TIME - IN STOCK
GWM 2	ITEM: GLASS WALL MOSAIC - RESTROOMS MFR: VOGUEBAY (DAL TILE) COLOR/NO: ICEBERG MOSAIC MB5109 SIZE: 12"x12" GROUT: TBD NOTE: LEAD TIME - IN STOCK
CWT 1	ITEM: CERAMIC WALL TILE MFR: VOGUEBAY (DAL TILE) COLOR/NO: FERLINO (POLISHED) SIZE: 16"x16" GROUT: MAPEI #14 BISCUIT NOTE: LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)

CONTACT LIST

MANUFACTURER: VOGUEBAY (DAL TILE)
CONTACT: SCOTT CHOUINARD
PHONE NUMBER: (951) 757-4919

CTB 1	ITEM: CERAMIC TILE BASE MFR: STONE SOURCE COLOR/NO: TRANQUILITY CREMA LUNA "POLISHED" SIZE: 4"x12" (CUT FROM 12X12) GROUT: MAPEI #14 BISCUIT NOTE: 6 WEEK LEAD TIME (APPROX.)
CTB 2	ITEM: CERAMIC TILE BASE MFR: STONE SOURCE COLOR/NO: TRANQUILITY CREMA LUNA "MATTE" SIZE: 4"x12" (CUT FROM 12X12) GROUT: MAPEI #14 BISCUIT NOTE: LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)

CONTACT LIST

MANUFACTURER: STONE SOURCE
CONTACT: LYNE DOMINIZ
PHONE NUMBER: (760) 212-1158

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CERAMIC TILE SEE www.waremalcomb.com/ws/09310-001.pdf

FLOOR FINISHES

C 1	ITEM: CARPET - TYPICAL THROUGHOUT, U.O.N. MFR: SHAW CONTRACT GROUP STYLE: MINIMAL TILE #59164 COLOR/NO: MARGIN #64155 INSTALLATION: MONOLITHIC, GLUE-DOWN NOTE: 6 WEEKS LEAD TIME (APPROX.)
C 2	ITEM: CARPET - ACCENT MFR: SHAW CONTRACT GROUP STYLE: ABSTRACT EDGE TILE #59145 COLOR/NO: PAPRIKA MARGIN #67156 INSTALLATION: MONOLITHIC, GLUE-DOWN NOTE: 6 WEEKS LEAD TIME (APPROX.)
C 3	ITEM: CARPET - STAIR NOSING MFR: SHAW CONTRACT GROUP SCALE: #59595 COLOR/NO: PAPRIKA #95668 INSTALLATION: GLUE-DOWN NOTE: 6 WEEKS LEAD TIME (APPROX.)

CONTACT LIST

MANUFACTURER: SHAW CONTRACT GROUP
CONTACT: CATHY MILLER
PHONE NUMBER: (760) 815-7371

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CARPET SEE www.waremalcomb.com/ws/09680-001.pdf

CFT 1	ITEM: CERAMIC FLOOR TILE MFR: STONE SOURCE COLOR/NO: TRANQUILITY CREMA LUNA "POLISHED" SIZE: 12"x12" GROUT: MAPEI #14 BISCUIT NOTE: 6 WEEK LEAD TIME (APPROX.)
CFT 2	ITEM: CERAMIC FLOOR TILE - BREAK AND RESTROOMS MFR: STONE SOURCE COLOR/NO: TRANQUILITY CREMA LUNA "MATTE" SIZE: 12"x12" GROUT: MAPEI #14 BISCUIT NOTE: LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)

CONTACT LIST

MANUFACTURER: STONE SOURCE
CONTACT: LYNE DOMINIZ
PHONE NUMBER: (760) 212-1158

FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CERAMIC TILE SEE www.waremalcomb.com/ws/09310-001.pdf

SEE SHEET A0.2 FOR GENERAL NOTES

PLAN SPECIFIC NOTES

COMBINED NOTES FOR ALL FINISH PLAN SHEETS.

- ALL ROOMS TO RECEIVE PAINT (P-1), RUBBER BASE (RB-1) AND CARPET (C-1), U.O.N.
- PAINT IN THIS ROOM TO BE SEMI-GLOSS.
- GYP. BD. SOFFIT/CEILING TO RECEIVE PAINT (P-1)
- ALL STAIRS TO BE FINISHED WITH CARPET C-1 WITH CONTRASTING CARPET C-3 AT STAIR NOSING AS REQUIRED FOR ADA. SEE DETAIL ___ ON SHEET AB.3. ALSO PROVIDE RUBBER STRINGER TO MATCH RB-1, U.O.N.
- SEE ENLARGED RESTROOM SHEETS FOR WALL FINISHES.
- SEE MILLWORK ELEVATIONS FOR FINISHES.
- EXISTING FINISHES TO REMAIN IN THIS ROOM.
- PROVIDE MARLITE WOOD PANELING, STAIN TO MATCH PL-2 "KONA BLEND". SEE ELEVATION ___ FOR DETAILS.
- NEW ARMSTRONG WOODWORKS LINEAR - TRANSITION FROM CEILING TO WALL OR APPROVED EQUAL.

SYMBOLS LEGEND

✕ INDICATES LINE OF FLOOR TRANSITION

X X INDICATES LOCATION OF NON-TYPICAL WALL FINISH

MISCELLANEOUS FINISHES

GL 1	ITEM: GLASS - OPEN CEILING RAILING MFR: TBD COLOR/NO: TBD NOTE: LEAD TIME-
GL 2	ITEM: GLASS - RECEPTION TRANSACTION COUNTER MFR: TBD COLOR/NO: TBD NOTE: LEAD TIME-
PL 1	ITEM: PLASTIC LAMINATE - RECEPTION WORK COUNTER MFR: NEVAMAR COLOR/NO: SMOKY WHITE #57027

PL 2	ITEM: PLASTIC LAMINATE - VERTICAL SURFACES MFR: NEVAMAR COLOR/NO: KONA BLEND #W2002BPV
PL 3	ITEM: PLASTIC LAMINATE - ACCENT MFR: CHEMETAL COLOR/NO: LINEAR ALUMINUM
PL 4	ITEM: PLASTIC LAMINATE - RESTROOM PARTITION MFR: CHEMETAL COLOR/NO: KALEIDOSCOPE #407
SSM 1	ITEM: SOLID SURFACE MATERIAL BREAK ROOM COUNTER MFR: CAESARSTONE QUARTZ SURFACES COLOR/NO: #1141 "WHITE" - PENDING OWNER APPROVAL NOTE: LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)
SSM 2	ITEM: SOLID SURFACE MATERIAL - BREAK ROOM ISLAND COUNTER MFR: AMERICAN STONE COMPANY COLOR/NO: ODYSSEY ENGINEERED MARBLE "CRYSTAL WHITE" NOTE: LEAD TIME -

CONTACT LIST

MANUFACTURER: CAESARSTONE QUARTZ SURFACES
CONTACT: KYLE ROGALSKI
PHONE NUMBER: (818) 394-6000

MANUFACTURER: AMERICAN STONE COMPANY
CONTACT: ABE
PHONE NUMBER: (818) 982-7770

MANUFACTURER: ARIZONA TILE
CONTACT: ASHA PARKER - APARKER@ARIZONATILE.COM
PHONE NUMBER: (619) 838-8825

VCT 1	ITEM: VINYL COMPOSITION TILE - FIELD TILE MFR: ARMSTRONG COLOR/NO: TBD SIZE: 12"x12"
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SFT 1	ITEM: STONE FLOOR TILE MFR: ARIZONA TILE, CONTACT ASHA PARKER - APARKER@ARIZONATILE.COM, CELL: 619.838.8825 COLOR/NO: MG EMPERADOR DARK (ARCHITECT TO PROVIDE CONTROL SAMPLE FOR COLOR RANGE) SIZE: 12"x12"x3/8" FINISH: POLISHED GROUT: TBD NOTE: 3-5 DAYS LEAD TIME - IN STOCK (PLEASE CONFIRM WITH MFR.)
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FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING STONE FLOOR COVERING SEE www.waremalcomb.com/ws/09638-001.pdf

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marwaha
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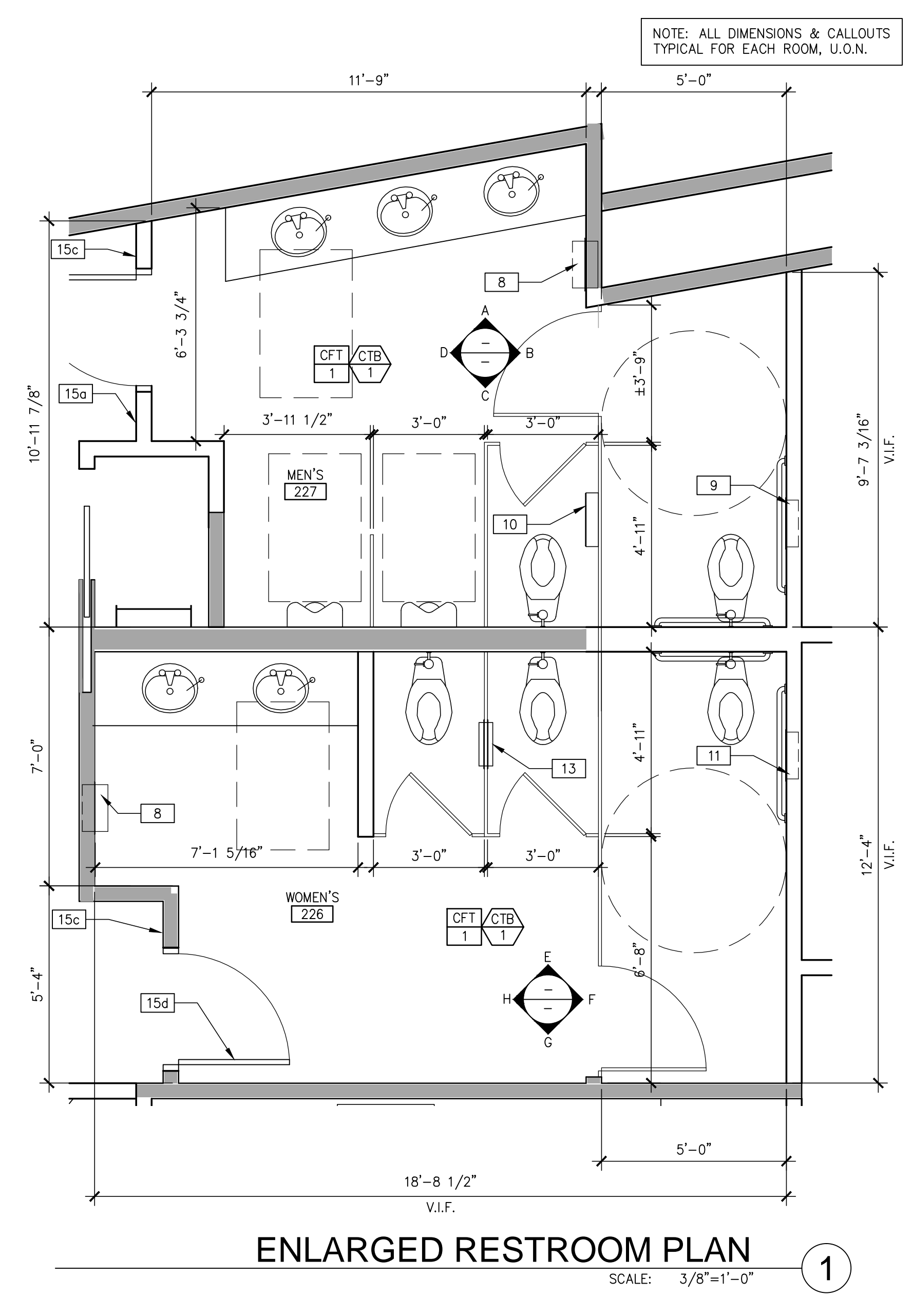
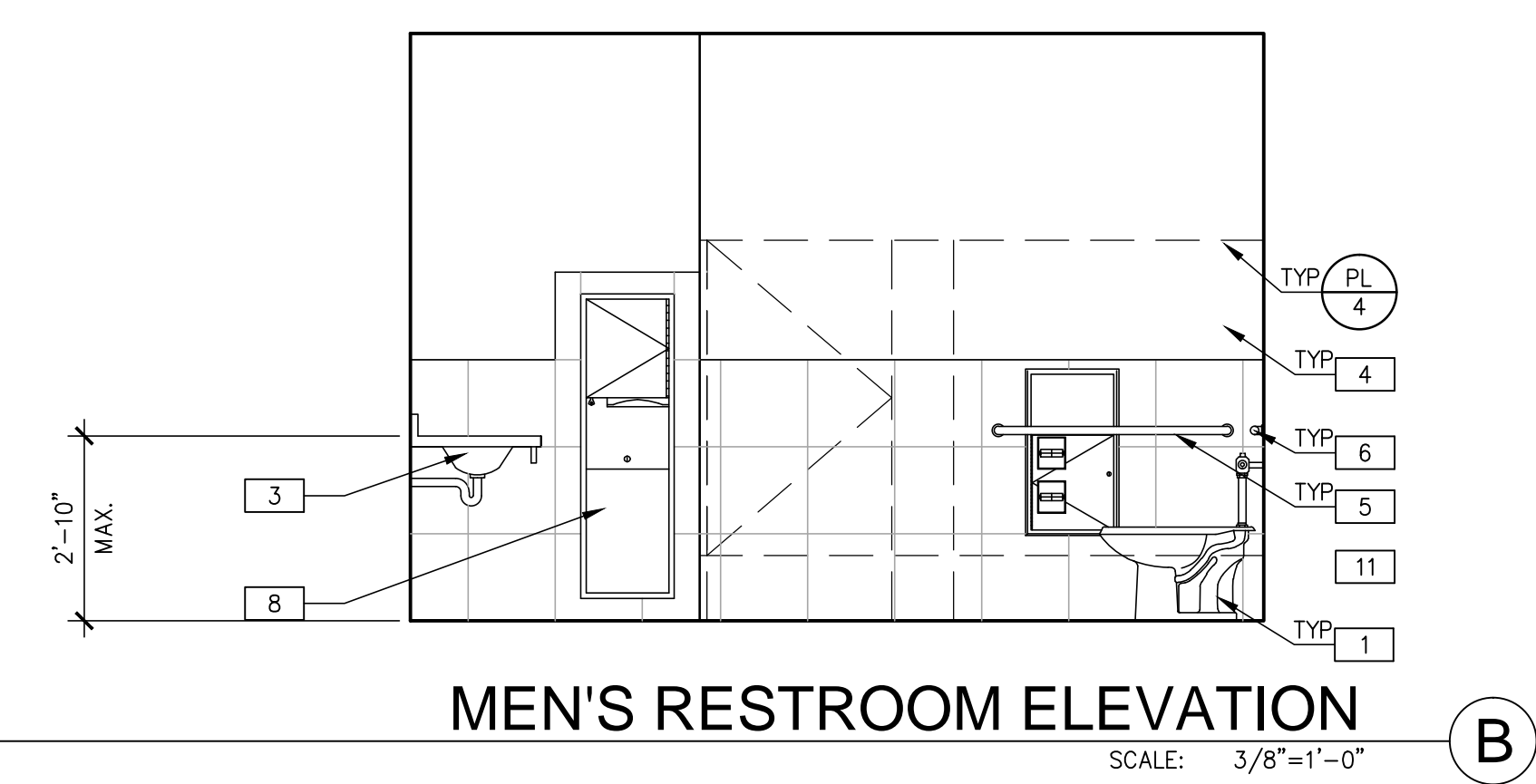
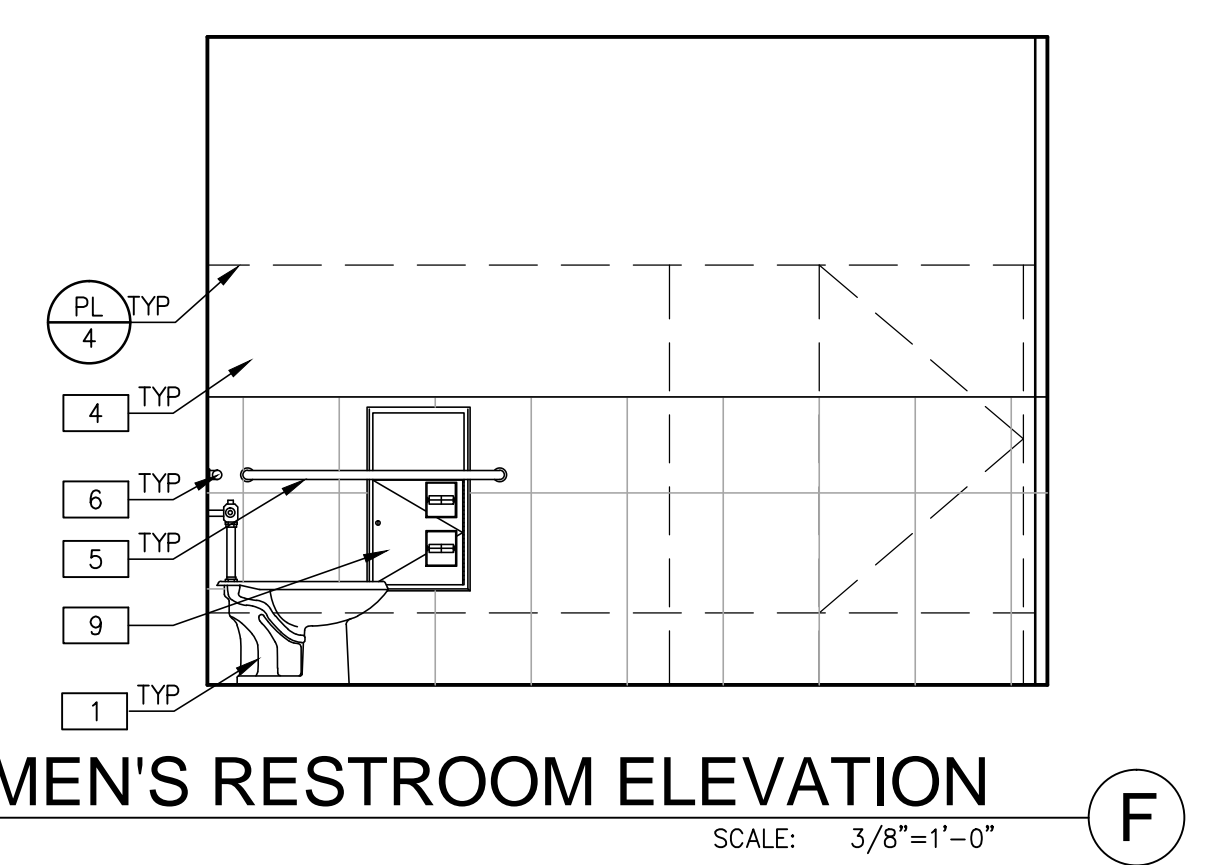
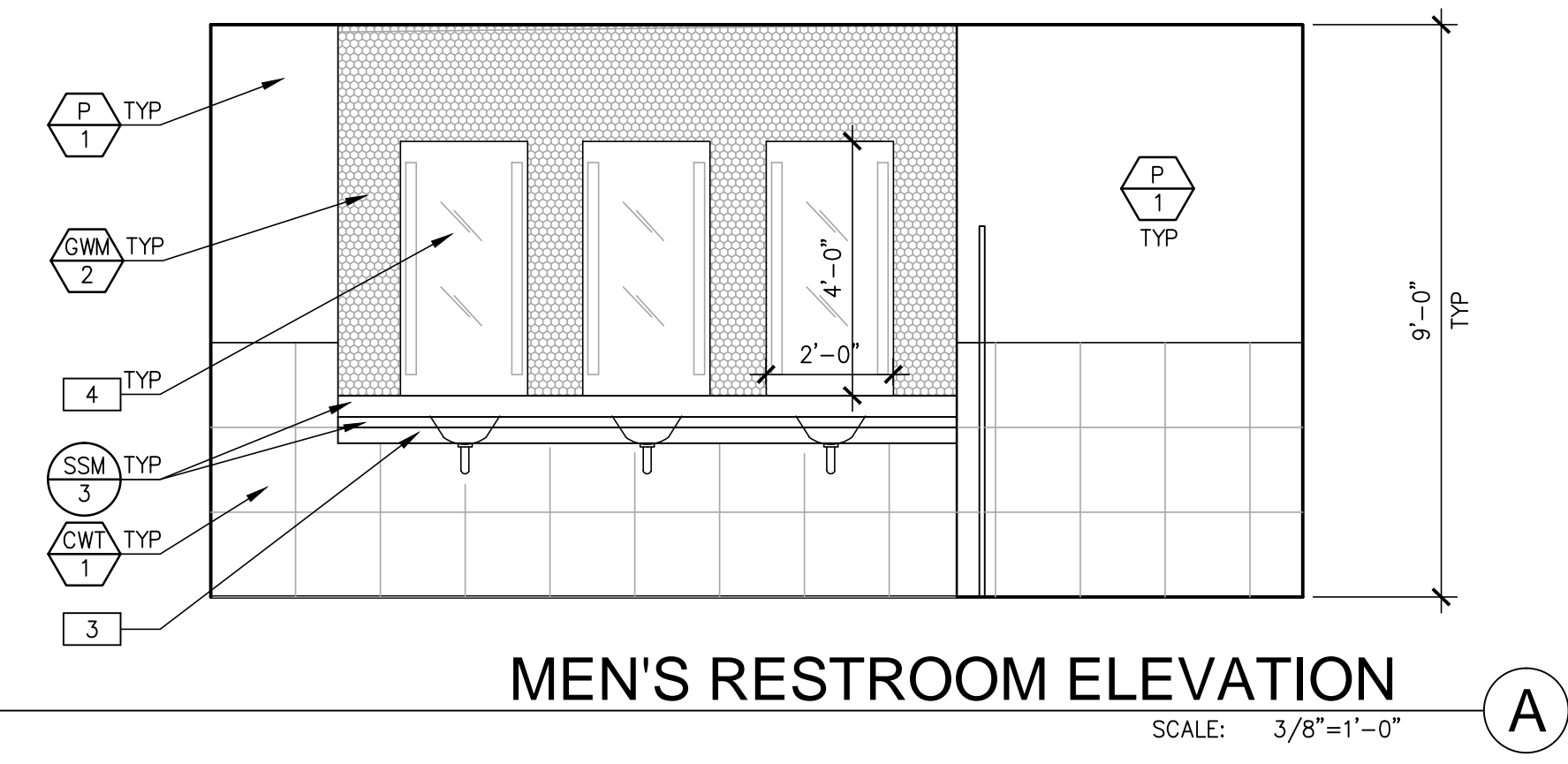
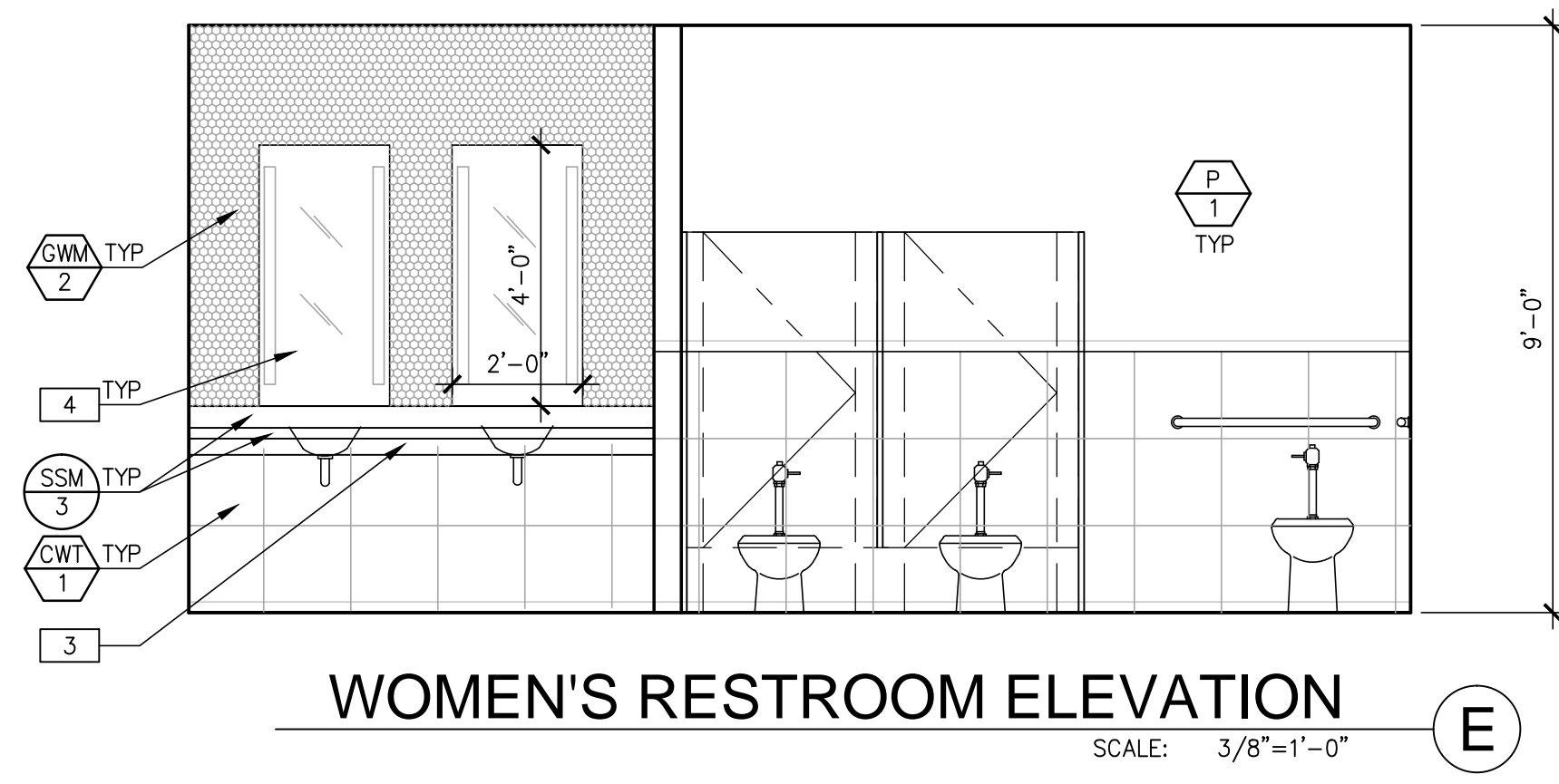
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FINISH PLAN - FLOOR 03

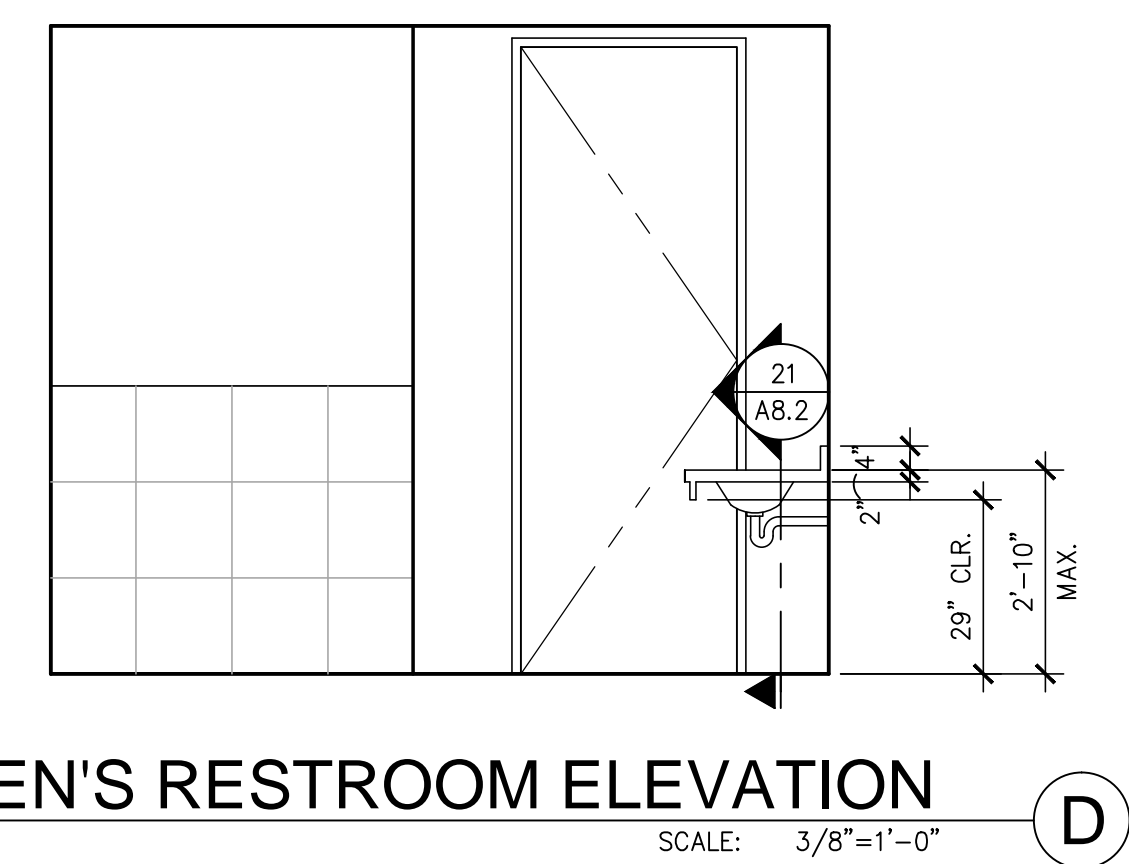
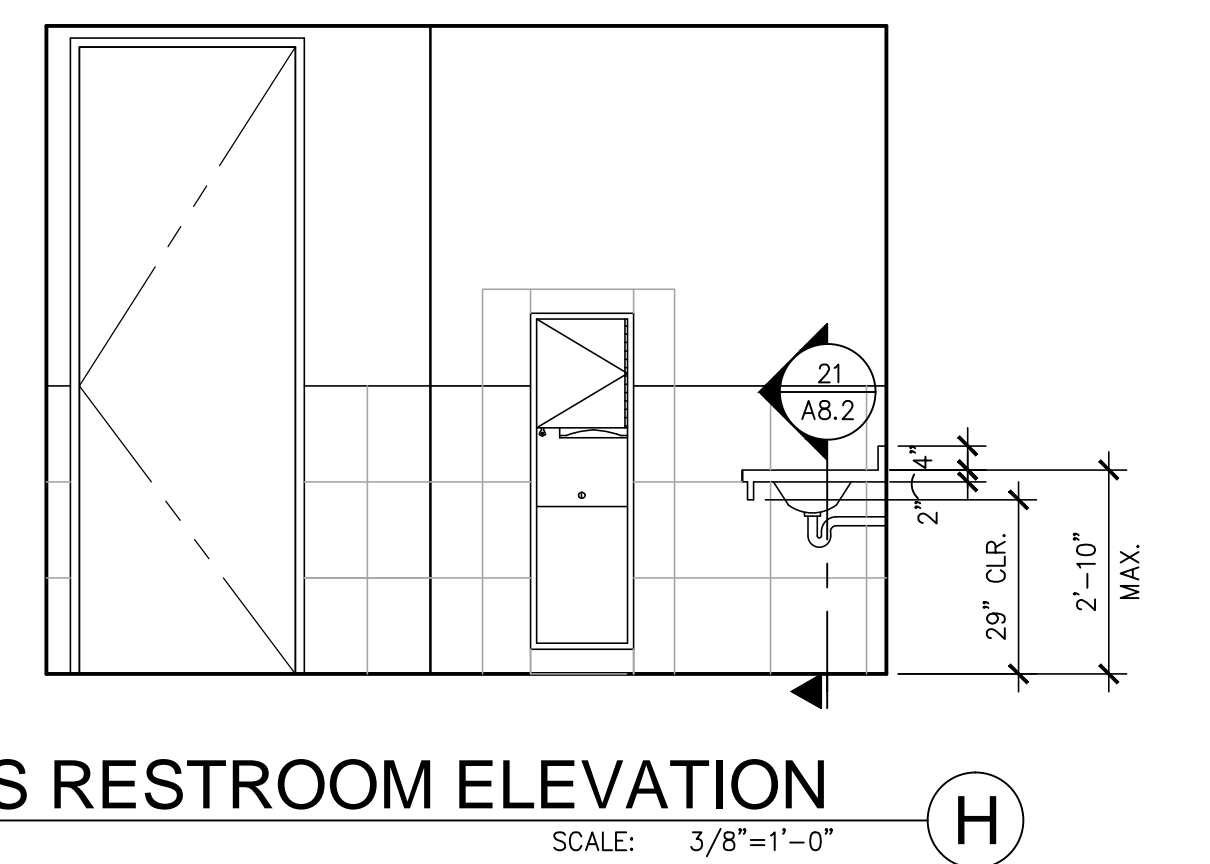
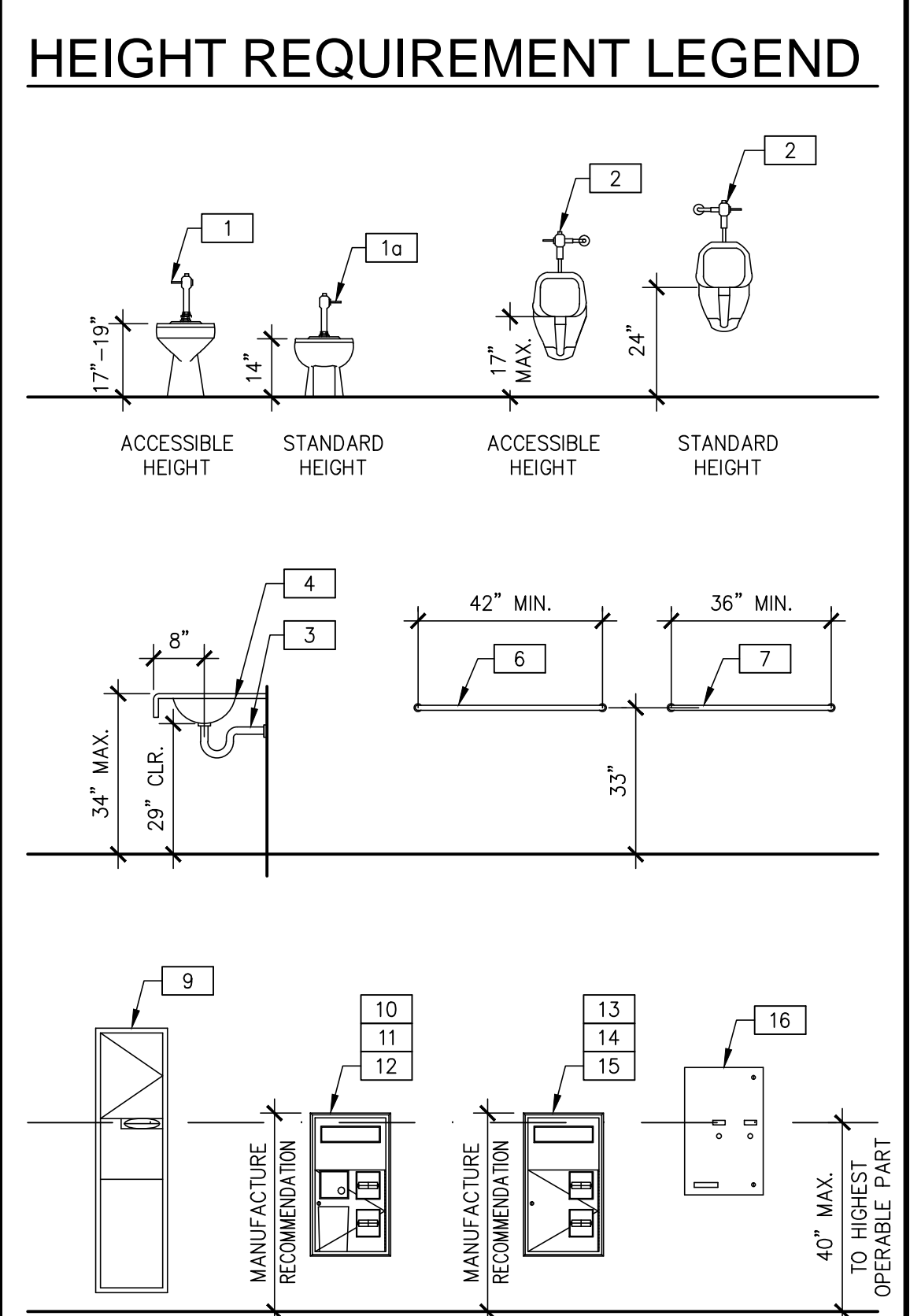
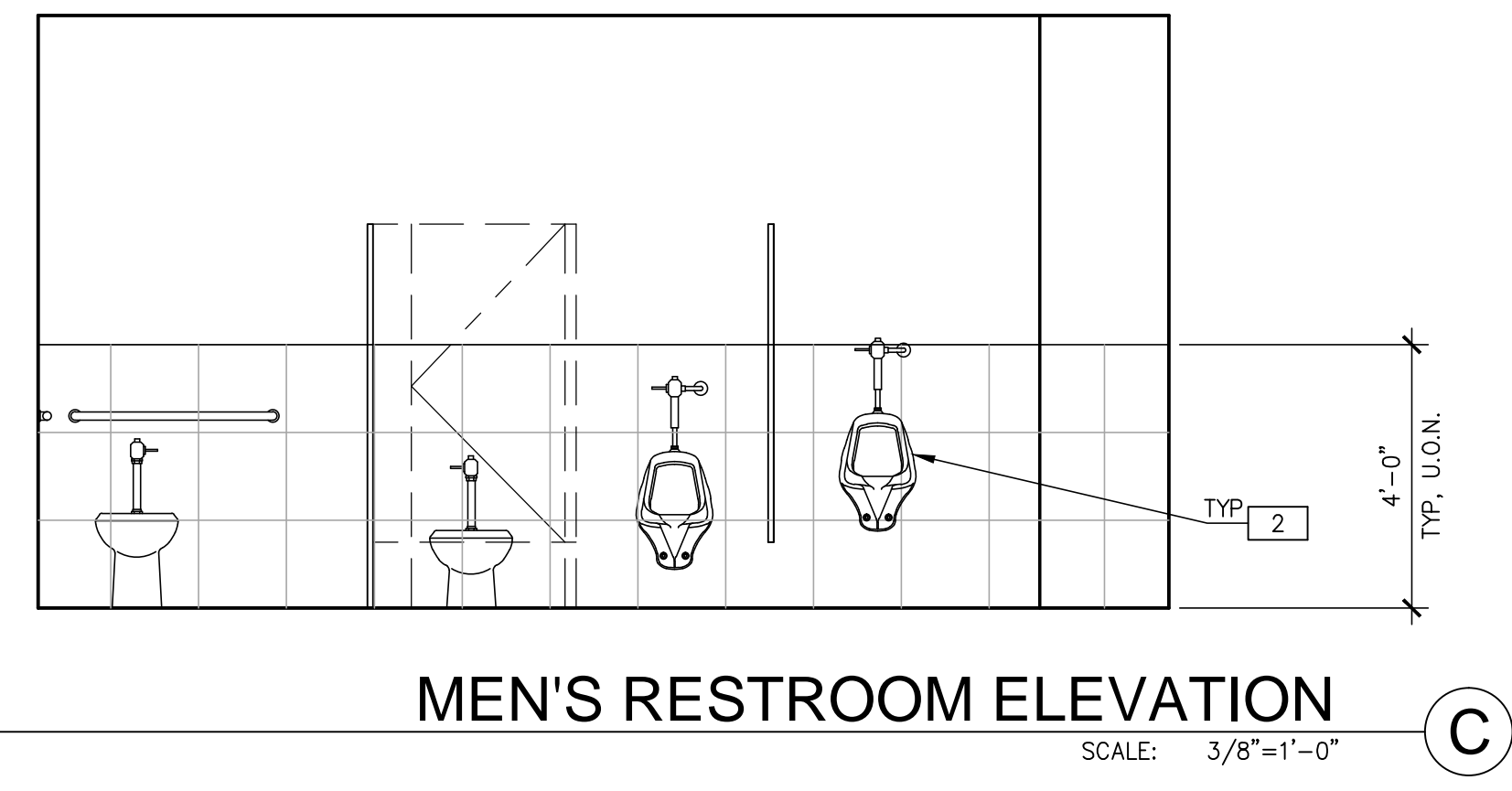
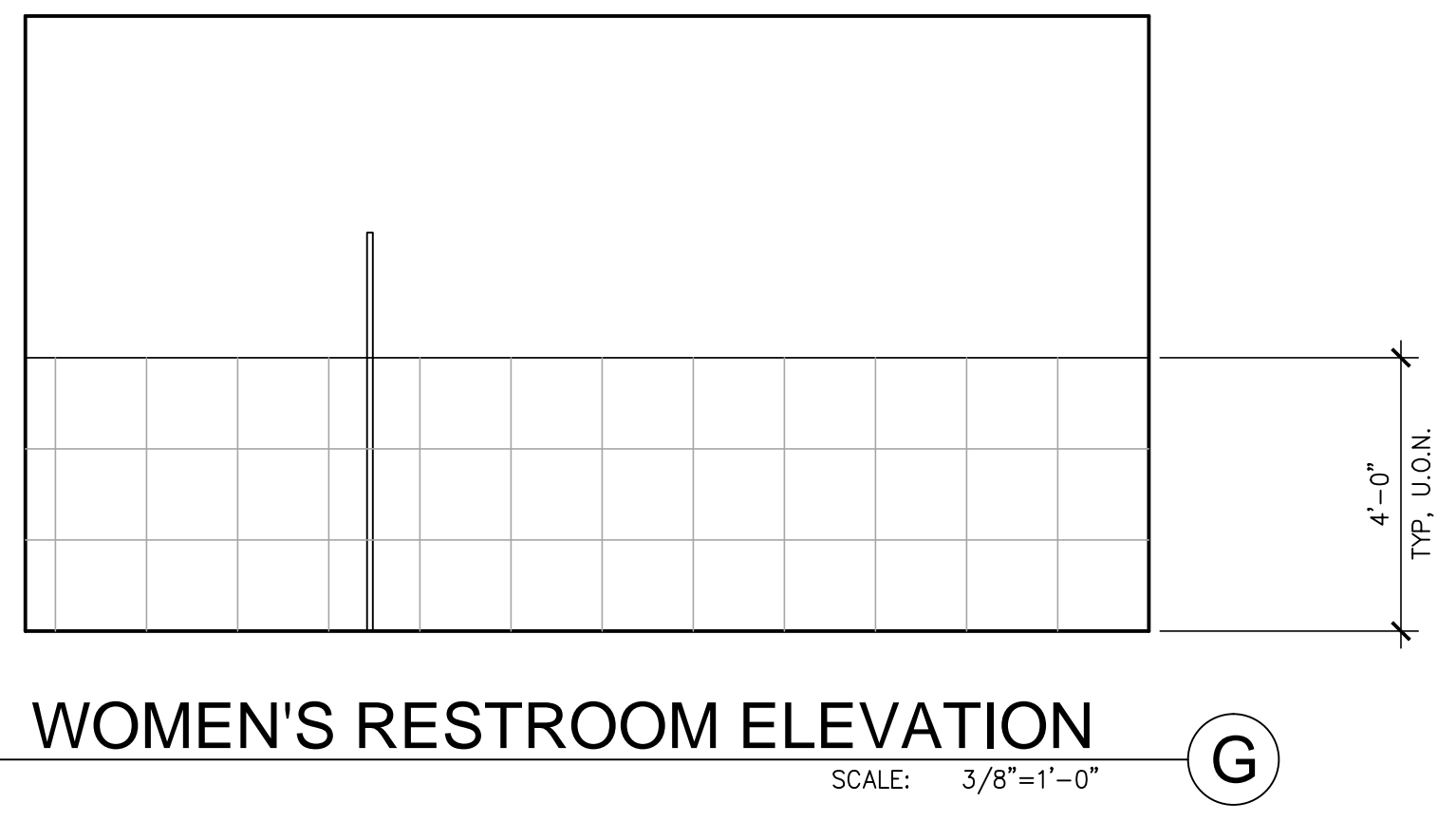
DATE	REVISIONS	DATE	REVISIONS
2011.10.10	PLAN CHECK		
2012.01.05	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

PA / PM: TENGLESH
DRAWN BY: KS
JOB NO.: SD011-6064-00

SHEET
A5.2



- PLAN SPECIFIC NOTES**
- 1 WATER CLOSET - FULLY ACCESSIBLE, FLOOR-MOUNTED WITH FLUSH VALVE. (SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.)
 - 2 URINAL - WALL-MOUNTED WATERLESS URINAL. INSTALL AT BOTH REGULAR & ACCESSIBLE HEIGHTS. (SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.)
 - 3 LAVATORY - FULLY ACCESSIBLE, WALL-HUNG COUNTER. (SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.)
 - 4 PROVIDE ALL NEW FLOOR MOUNT TOILET PARTITIONS.
 - 5 42" GRAB BAR - TOILET COMPARTMENT SIDE GRAB BAR, BOBRICK B-6806x42, 42" L X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2583 CONCEALED ANCHOR PLATES.
 - 6 36" GRAB BAR - TOILET COMPARTMENT REAR GRAB BAR, BOBRICK B-6806x36, 36" L X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2583 CONCEALED ANCHOR PLATES.
 - 7 SOAP DISPENSER - COUNTER MOUNT
 - 8 PAPER TOWEL DISPENSER & WASTE RECEPTACLE, RECESSED - BOBRICK B-3944.
 - 9 TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER, RECESSED - BOBRICK B-3574.
 - 10 TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER, PARTITION MOUNTED - BOBRICK B-3579. (SERVES ONE TOILET COMPARTMENT.)
 - 11 TOILET SEAT COVER DISPENSER & TOILET TISSUE DISPENSER, RECESSED - BOBRICK B-3474.
 - 12 NOTE NOT USED
 - 13 TOILET SEAT COVER DISPENSER & TOILET TISSUE DISPENSER - PARTITION MOUNTED, BOBRICK B-3474. (SERVES TWO TOILET COMPARTMENTS)
 - 14 24x48 MIRROR AT SINK WITH BUILT-IN LIGHTING. ARCHITECT TO APPROVE.
 - 15 ADA SIGNAGE FOR WALLS AND DOORS. SEE DETAIL 2 ON SHEET A0.3a.
 - a) MEN'S WALL-MOUNTED SIGN
 - b) WOMEN'S WALL-MOUNTED SIGN
 - c) MEN'S DOOR-MOUNTED SIGN
 - d) WOMEN'S DOOR-MOUNTED SIGN



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ENLARGED RESTROOM PLAN & ELEVATIONS	
DATE	REMARKS
2011.09.09	PLAN CHECK
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

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JOB NO.: SDG11-6064-00

SHEET
A6.1

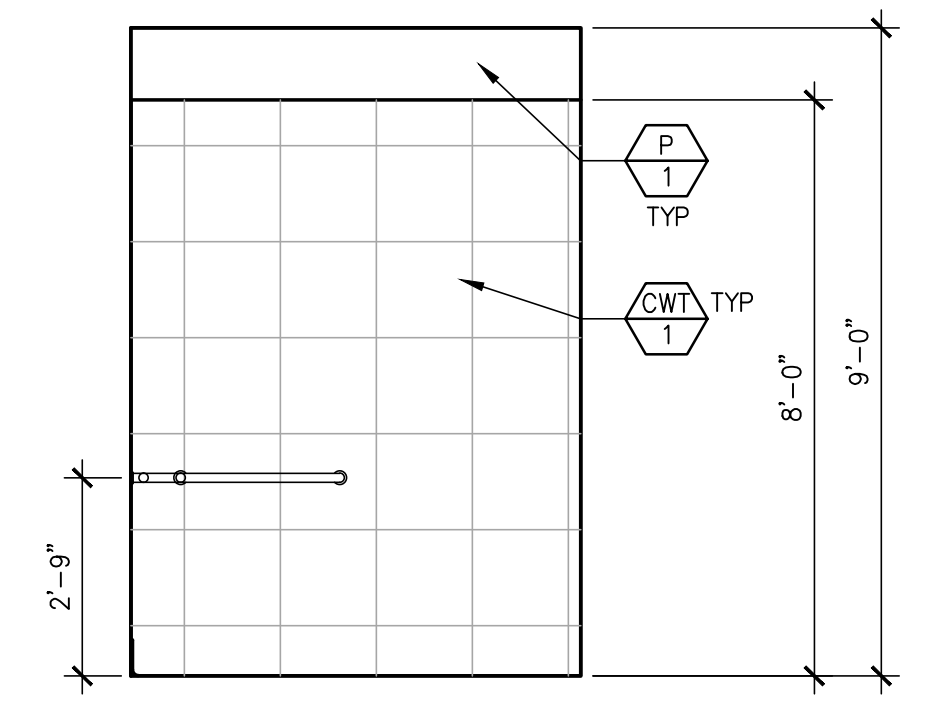
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NOTE: ALL DIMENSIONS & CALLOUTS TYPICAL FOR EACH ROOM, U.O.N.

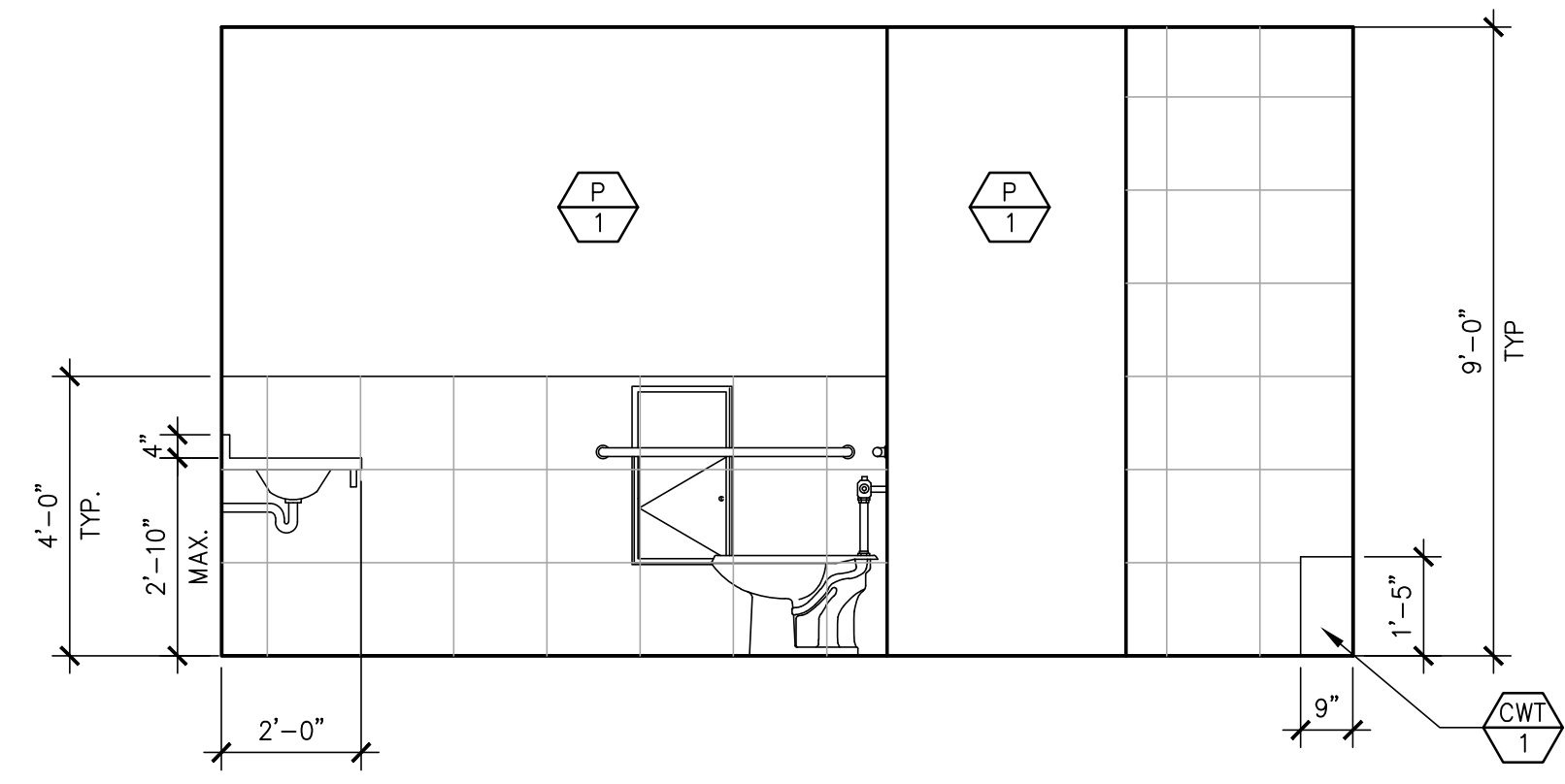
SEE SHEET A0.2 FOR GENERAL NOTES
SEE SHEET A0.3a FOR ADA RESTROOM NOTES & DETAILS

PLAN SPECIFIC NOTES

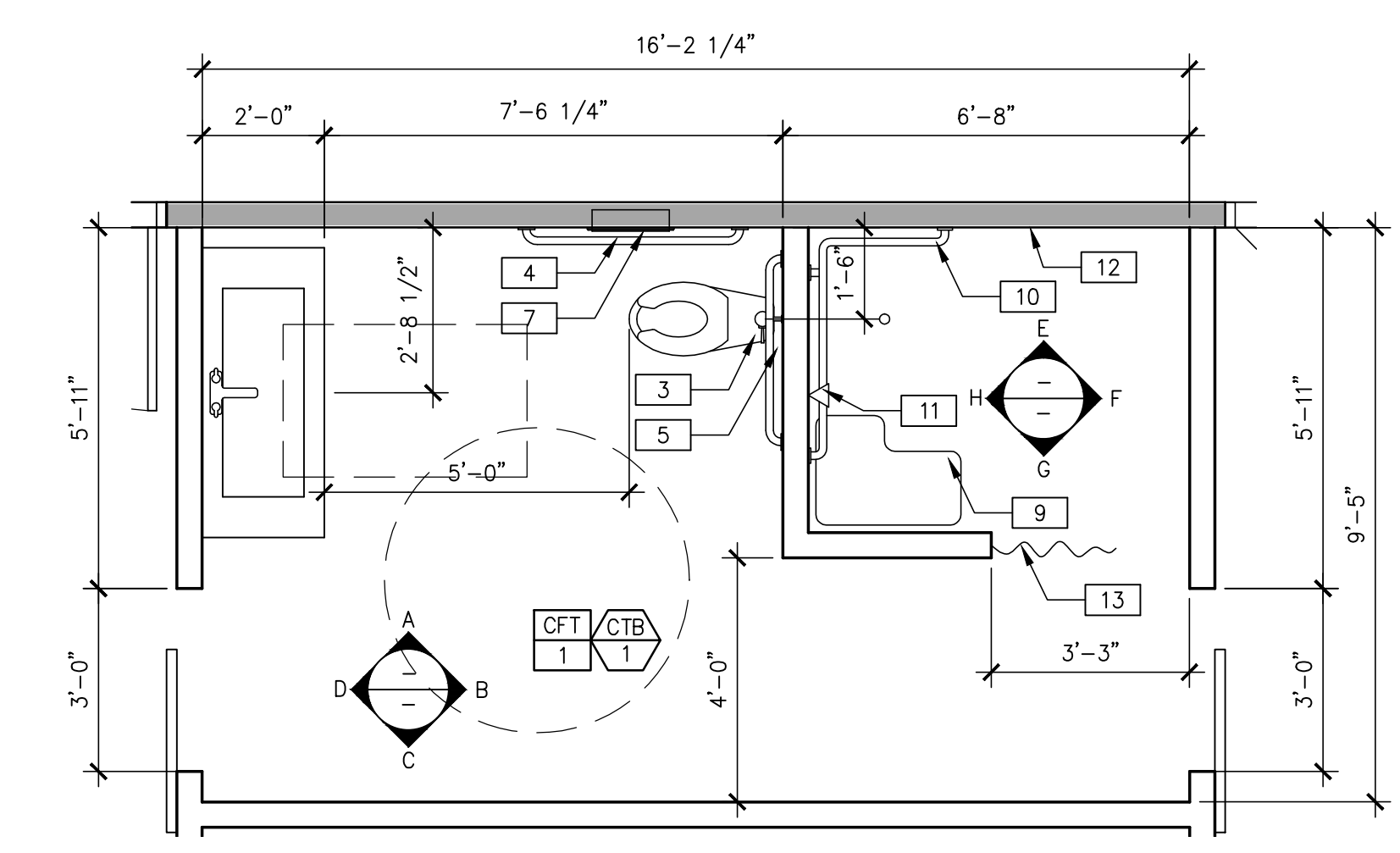
- 1 WATER CLOSET - FULLY ACCESSIBLE, FLOOR-MOUNTED WITH FLUSH VALVE. (SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.)
- 2 LAVATORY - FULLY ACCESSIBLE, WALL-HUNG COUNTER. (SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.)
- 3 PROVIDE ALL NEW FLOOR MOUNT TOILET PARTITIONS.
- 4 42" GRAB BAR - TOILET COMPARTMENT SIDE GRAB BAR, BOBRICK B-6806x42, 42"L X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2583 CONCEALED ANCHOR PLATES.
- 5 36" GRAB BAR - TOILET COMPARTMENT REAR GRAB BAR, BOBRICK B-6806x36, 36"L X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2583 CONCEALED ANCHOR PLATES.
- 6 SOAP DISPENSER - COUNTER MOUNT
- 7 TOILET SEAT COVER DISPENSER & TOILET TISSUE DISPENSER, RECESSED - BOBRICK B-3474.
- 8 24x48 MIRROR AT SINK WITH BUILT-IN LIGHTING. ARCHITECT TO APPROVE.
- 9 FOLD-UP SOLID PHENOLIC SHOWER SEAT - BOBRICK B-5181.
- 10 SHOWER GRAB BAR - TWO WALL, HORIZONTAL SHOWER COMPARTMENT GRAB BAR 24"x36", BOBRICK B-68616.
- 11 STANDARD SHOWER HEAD, FLEXIBLE SPRAY HOSE (MIN. 60" LONG) AND SINGLE-LEVER MIXING VALVE.
- 12 BOBRICK B-4390 RECESSED SOAP DISH & BAR, STAINLESS STEEL FINISH.
- 13 PROVIDE SHOWER ROD BOBRICK B-6107 STAINLESS STEEL FINISH & SHOWER CURTAIN BOBRICK 204-2 W/(12) STAINLESS STEEL SHOWER CURTAIN HOOKS, BOBRICK 204-1.
- 14 SHOWER BENCH



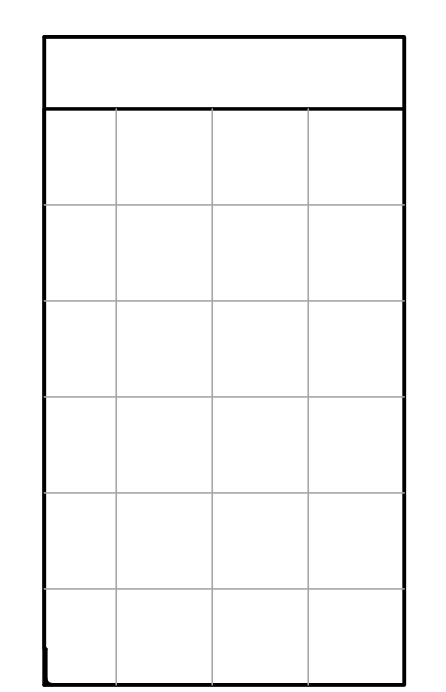
EXECUTIVE RESTROOM ELEVATION
SCALE: 3/8"=1'-0" **E**



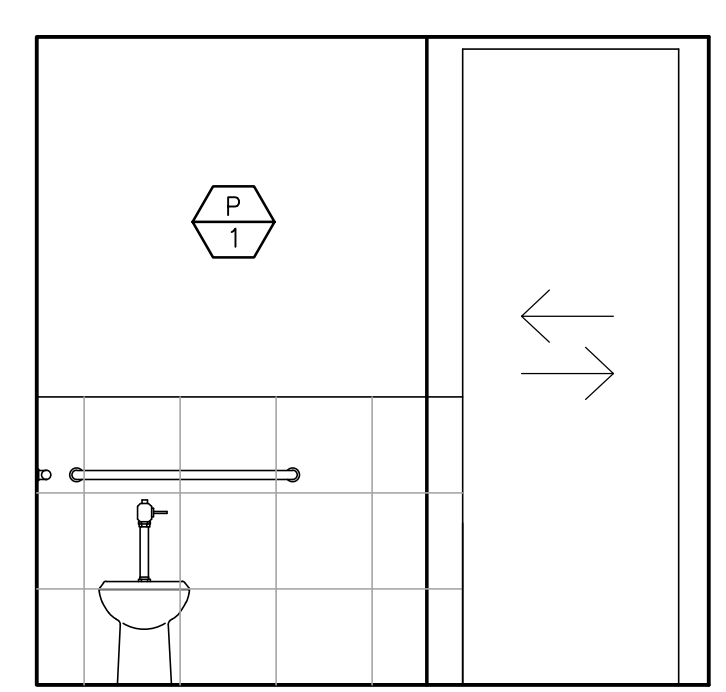
EXECUTIVE RESTROOM ELEVATION
SCALE: 3/8"=1'-0" **A**



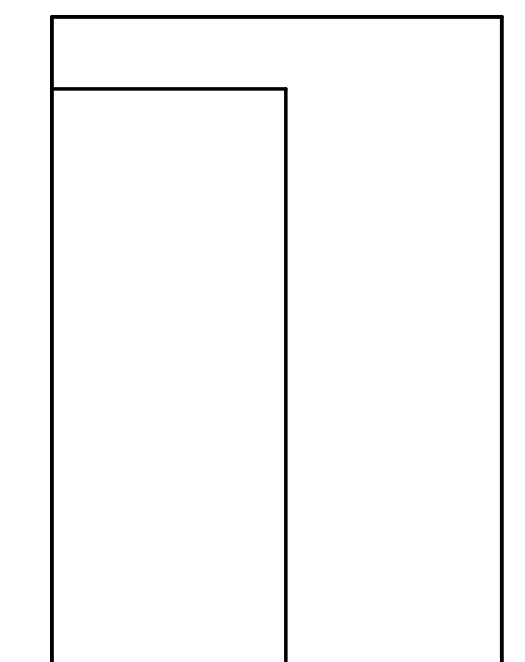
ENLARGED EXECUTIVE RESTROOM PLAN
SCALE: 3/8"=1'-0" **1**



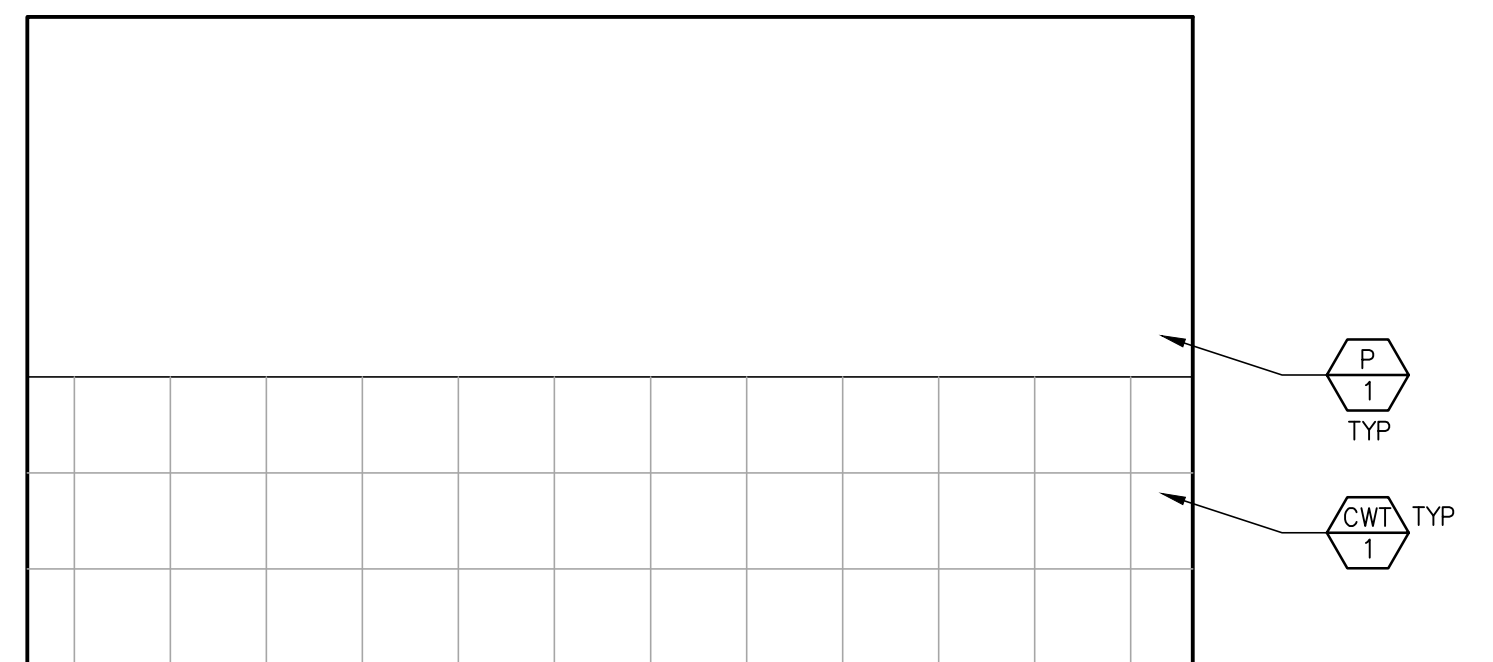
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SCALE: 3/8"=1'-0" **F**



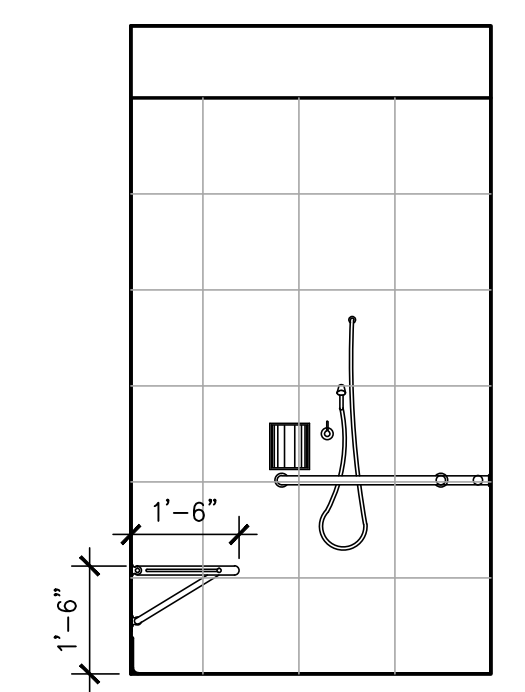
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SCALE: 3/8"=1'-0" **B**



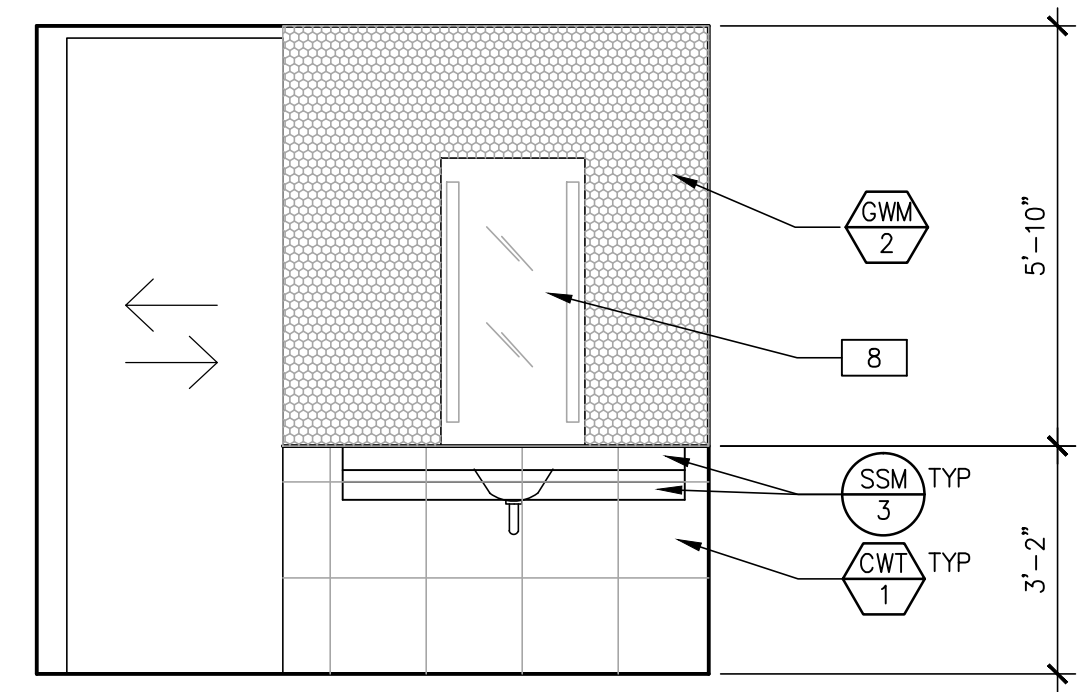
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SCALE: 3/8"=1'-0" **G**



EXECUTIVE RESTROOM ELEVATION
SCALE: 3/8"=1'-0" **C**

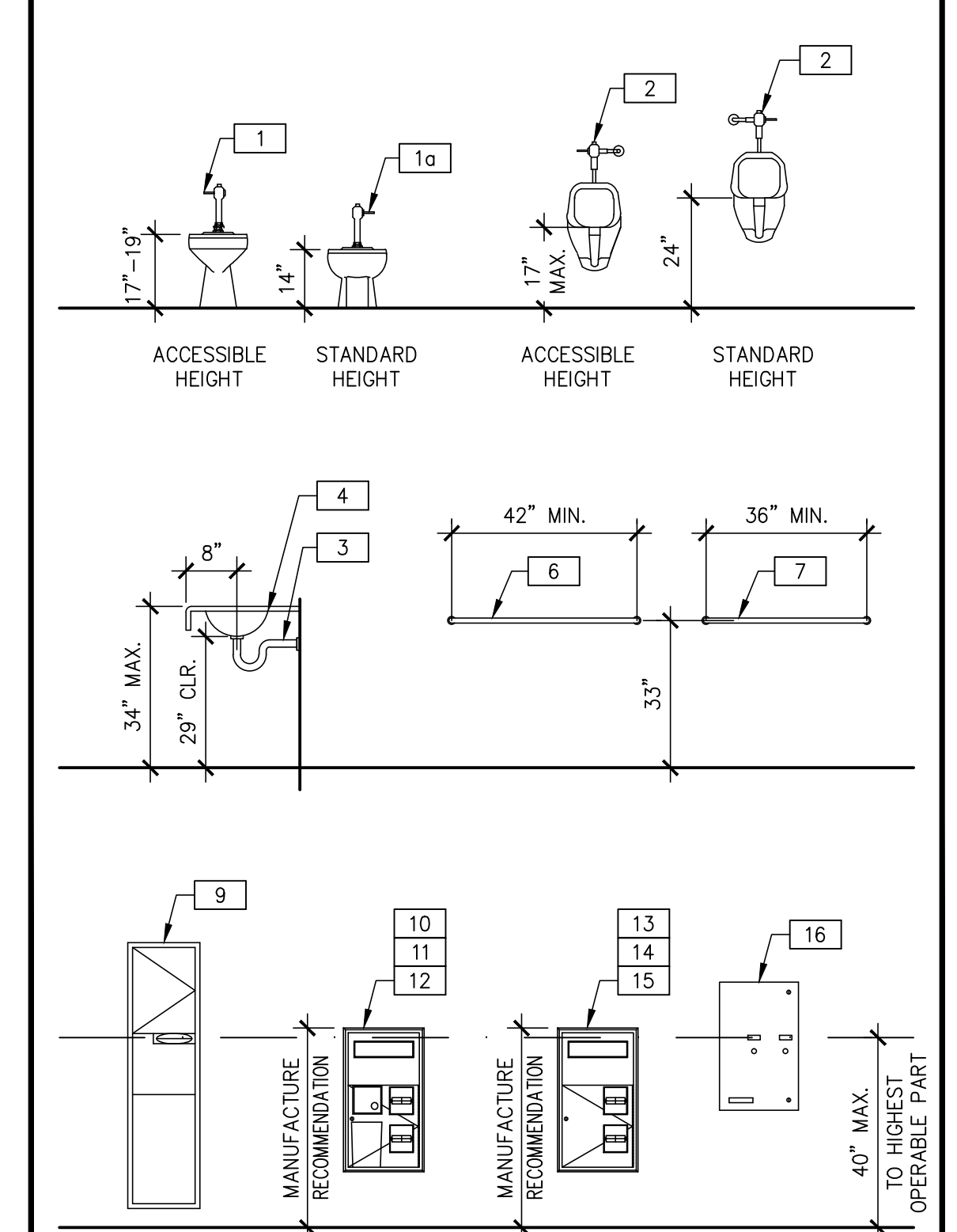


EXECUTIVE RESTROOM ELEVATION
SCALE: 3/8"=1'-0" **H**



EXECUTIVE RESTROOM ELEVATION
SCALE: 3/8"=1'-0" **D**

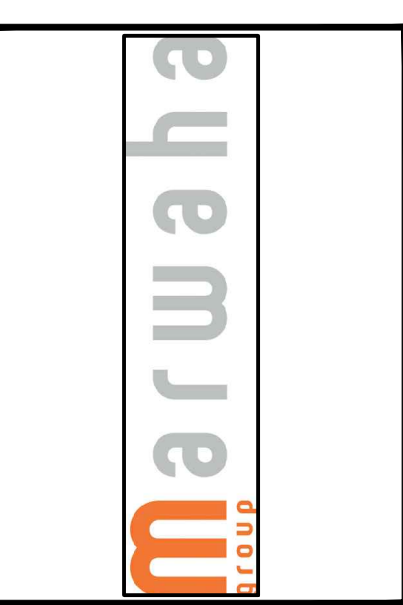
HEIGHT REQUIREMENT LEGEND



ENLARGED EXECUTIVE RESTROOM PLAN & ELEVATIONS	
DATE	REMARKS
2011.09.09	PLAN CHECK
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

PA / PM:	TENGLISH
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JOB NO.:	SDG11-6064-00

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A6.1A



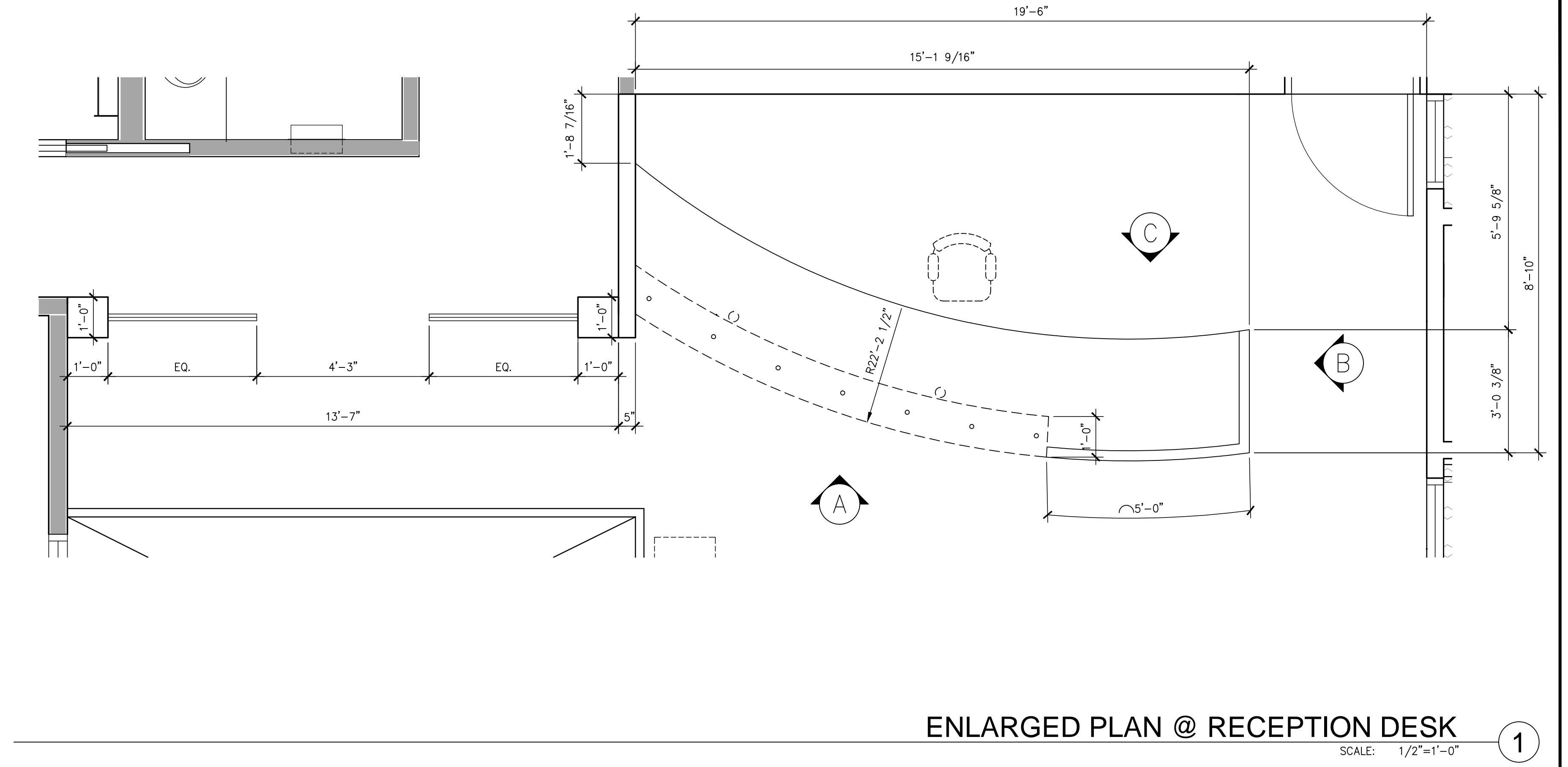
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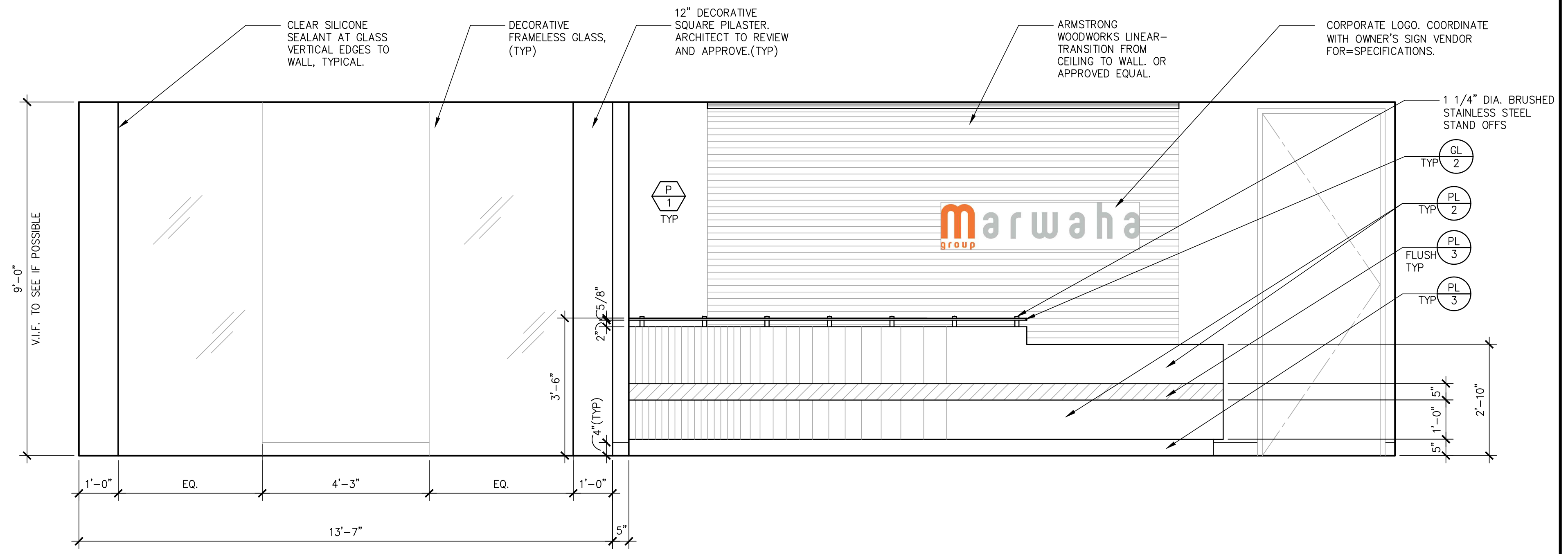
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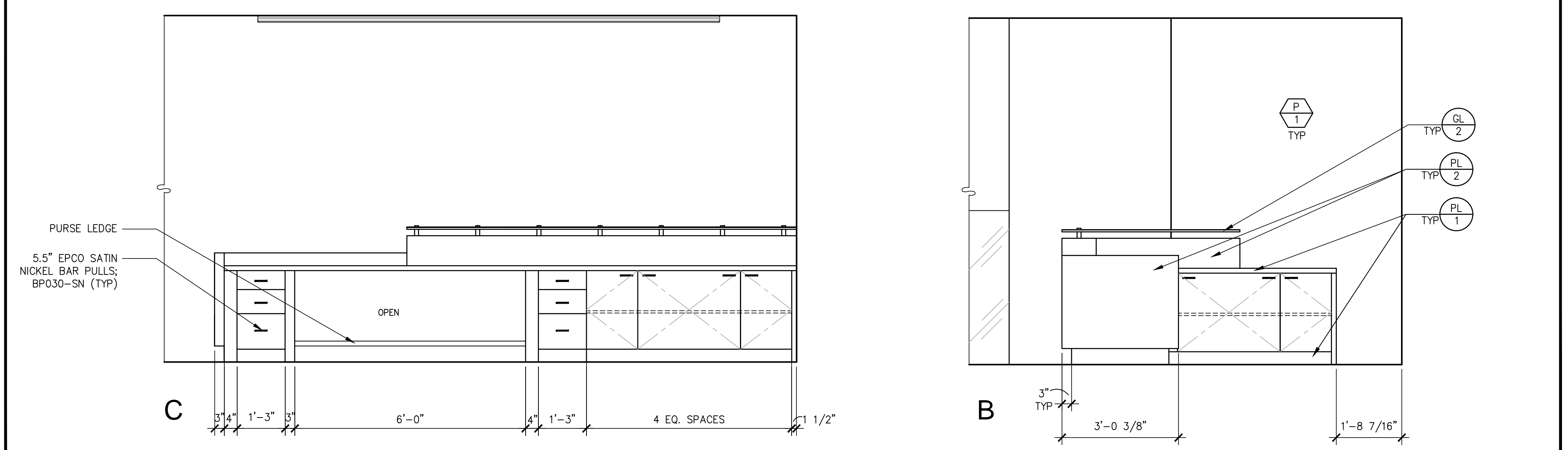
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ENLARGED PLAN @ RECEPTION DESK
SCALE: 1/2"=1'-0" 1



ELEVATION @ RECEPTION DESK
SCALE: 1/2"=1'-0" A

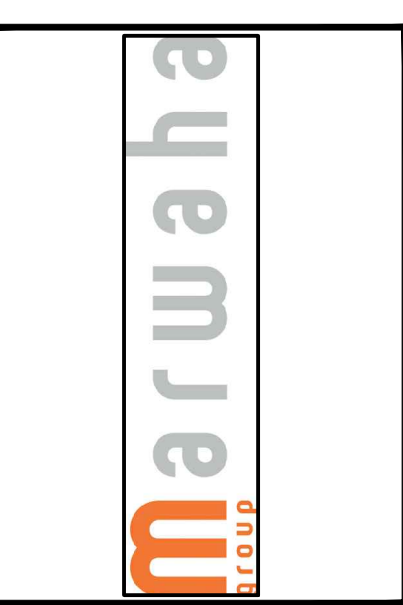


ELEVATION @ RECEPTION DESK
SCALE: 1/2"=1'-0" C

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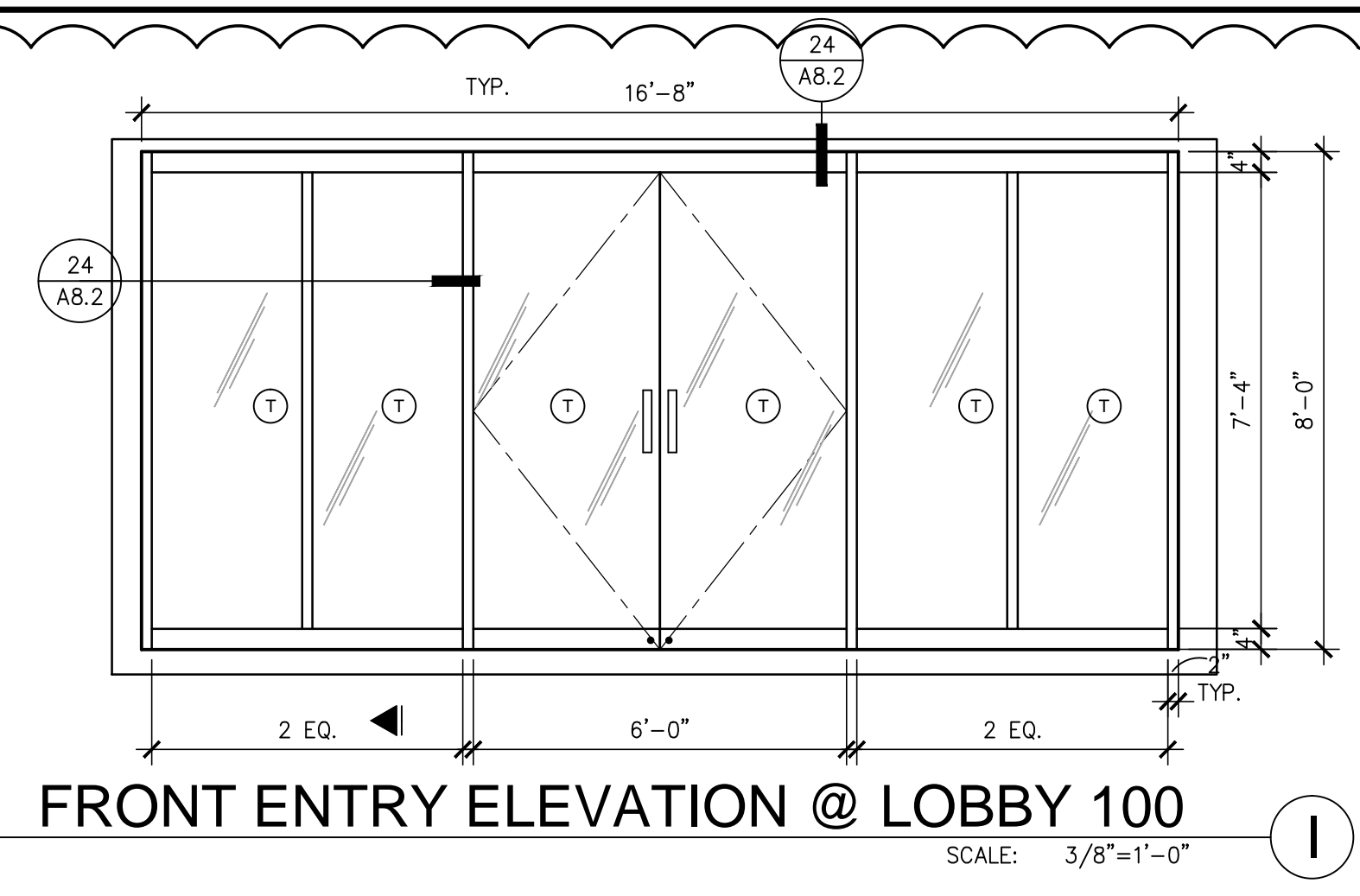
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ENLARGED RECEPTION DESK, ELEVATIONS & DETAILS

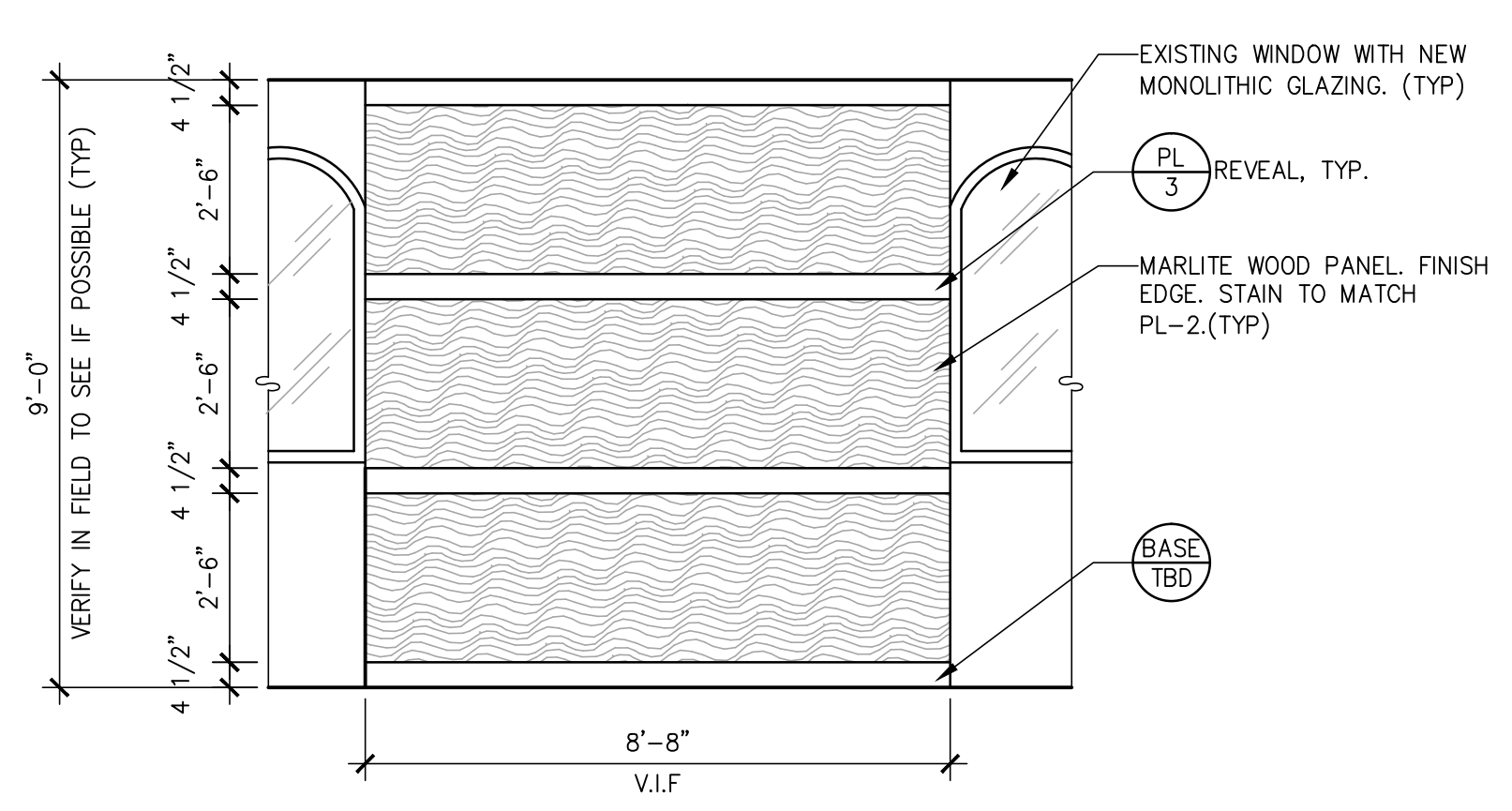
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2011.09.09	PLAN CHECK		
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

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DRAWN BY:	SDG
JOB NO.:	SDG11-6064-00

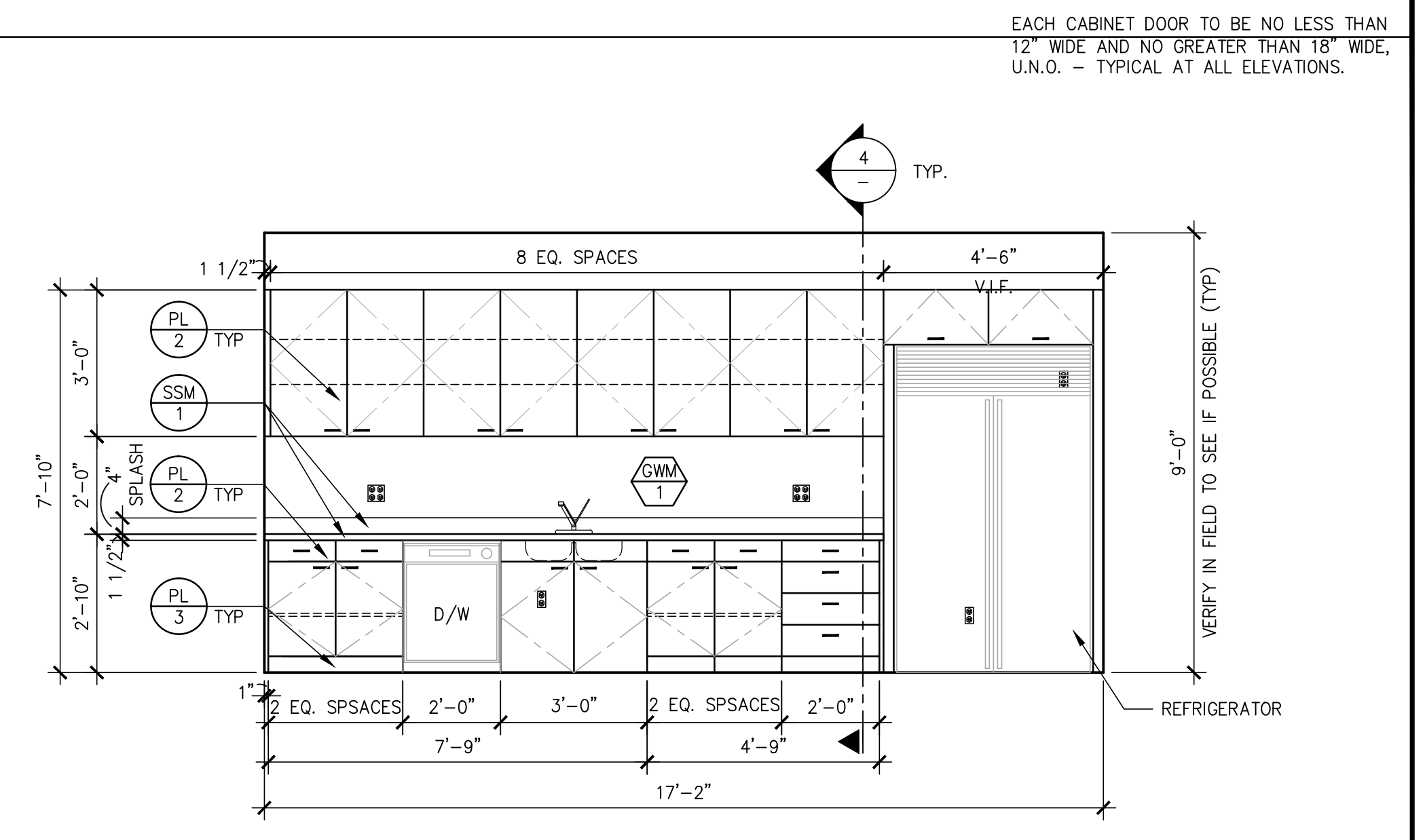
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A6.2



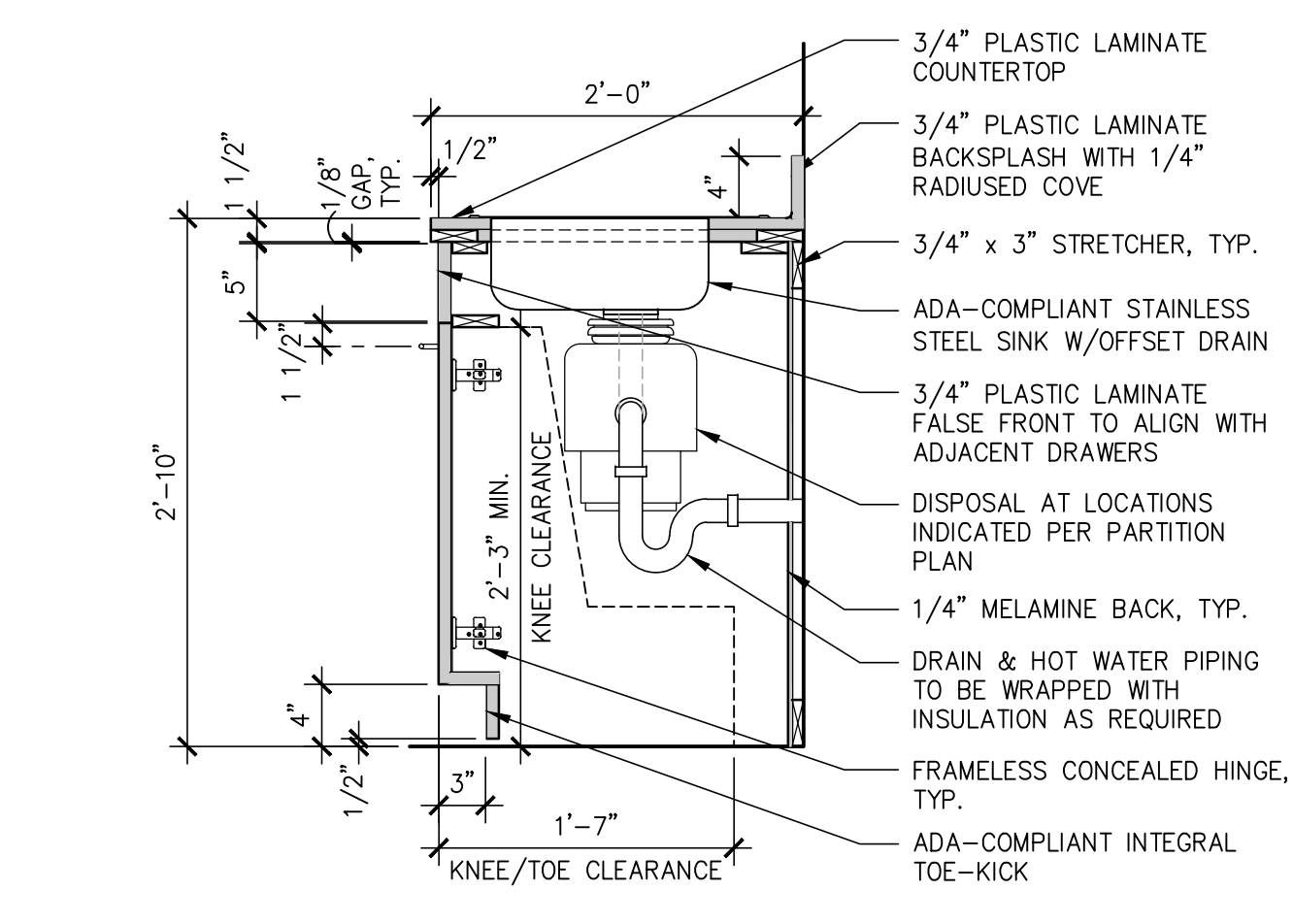
FRONT ENTRY ELEVATION @ LOBBY 100
SCALE: 3/8"=1'-0" (I)



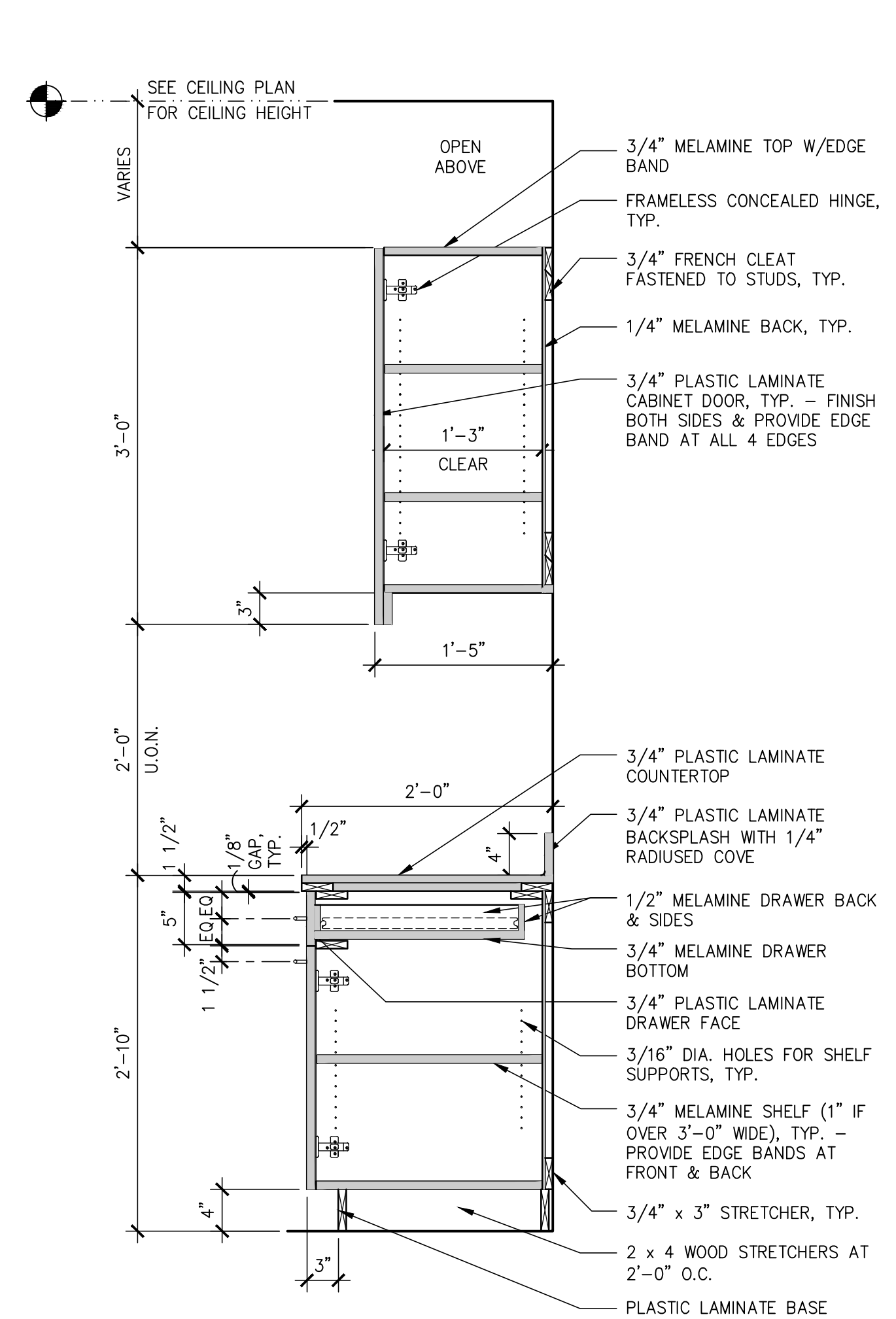
WOOD PANEL ELEVATION @ TRAINING #202
SCALE: 3/8"=1'-0" (E)



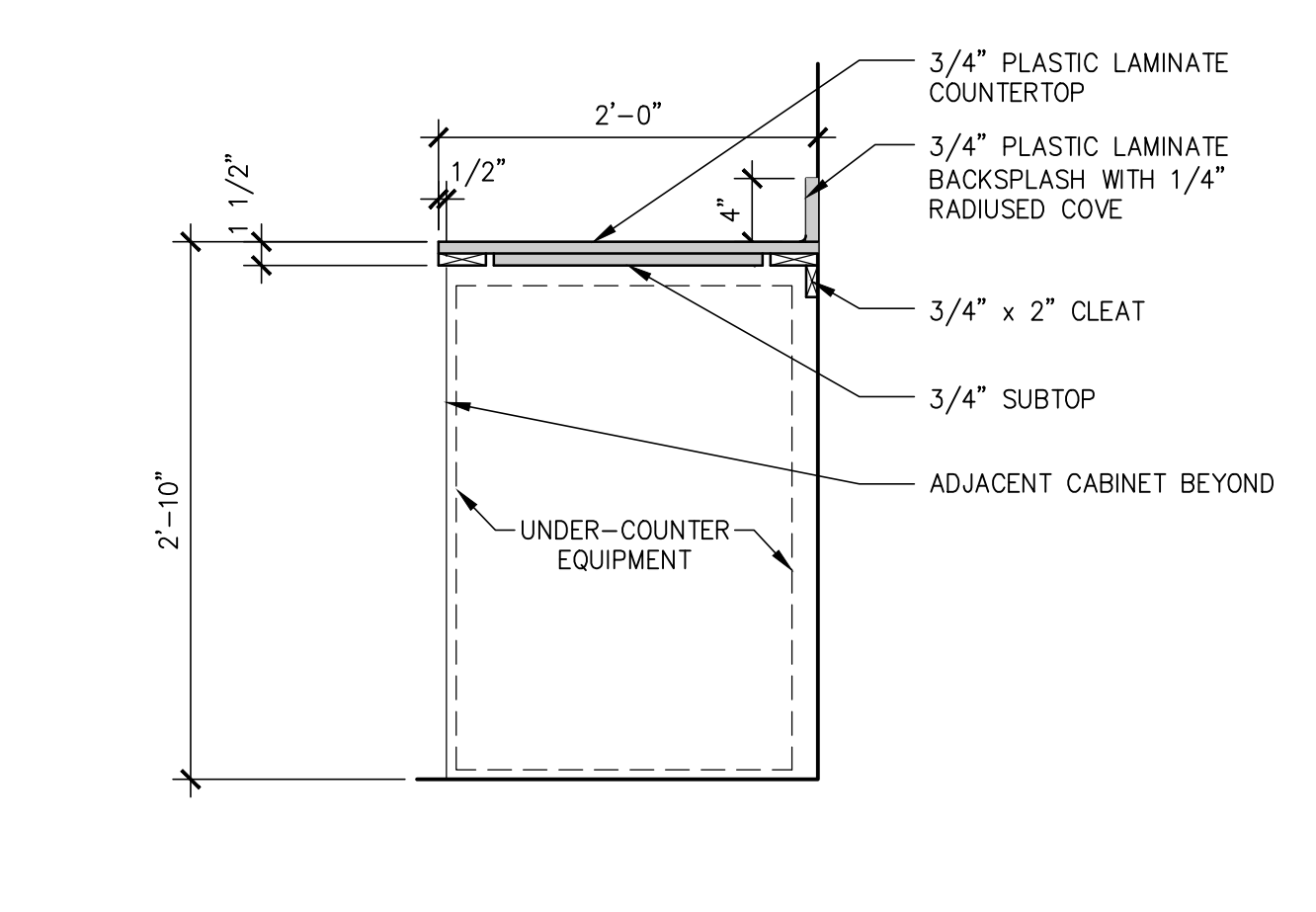
MILLWORK ELEVATION @ BREAK ROOM #225
SCALE: 3/8"=1'-0" (A)



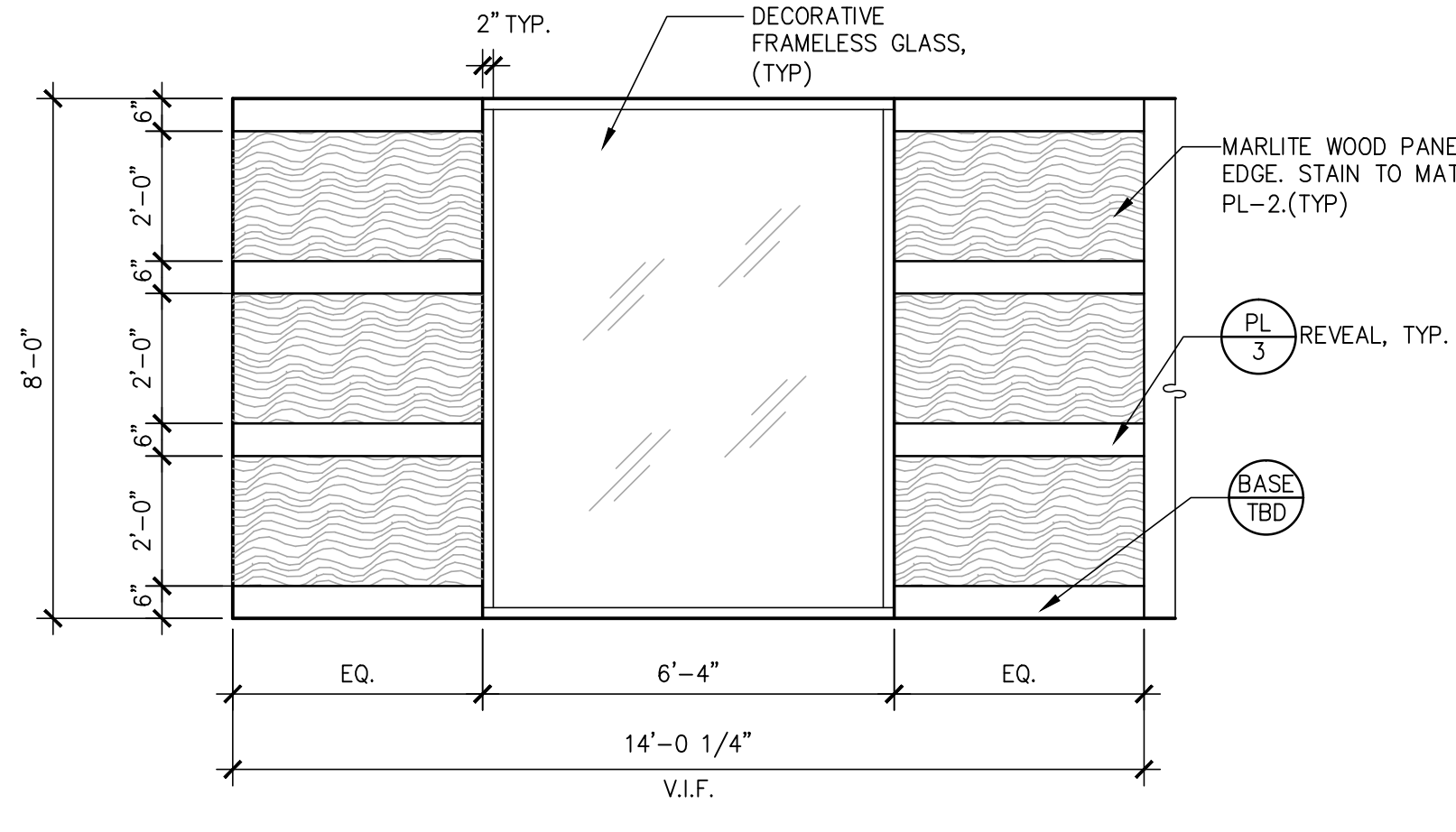
LOWER CABINET AT SINK
SCALE: 1"=1'-0" (5) IMWCB-Low_sink_splash-01



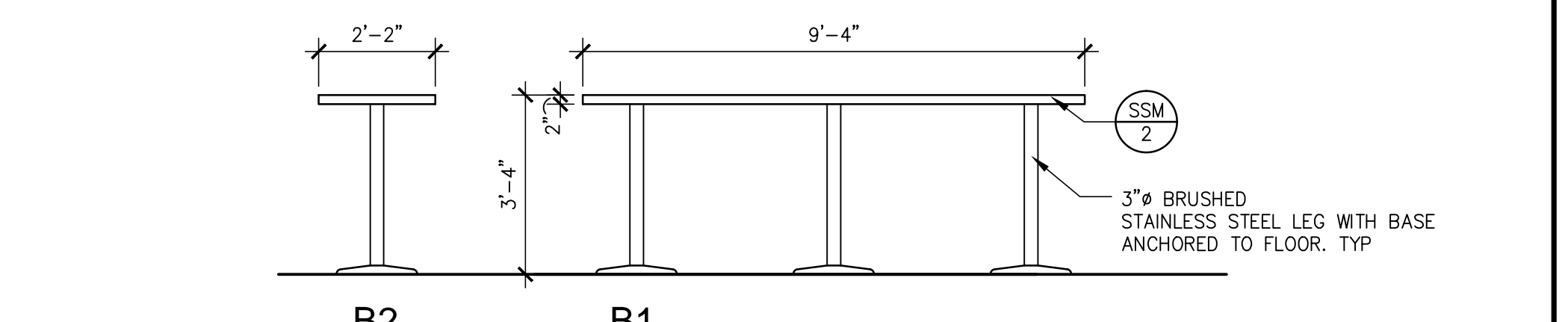
UPPER/LOWER CABINETS
SCALE: 1"=1'-0" (2) IMWCB-Up_low_drgs_splash-01



LOWER CAB. AT EQUIP. OPENING
SCALE: 1"=1'-0" (6) IMWCB-Low_equipment_splash-01



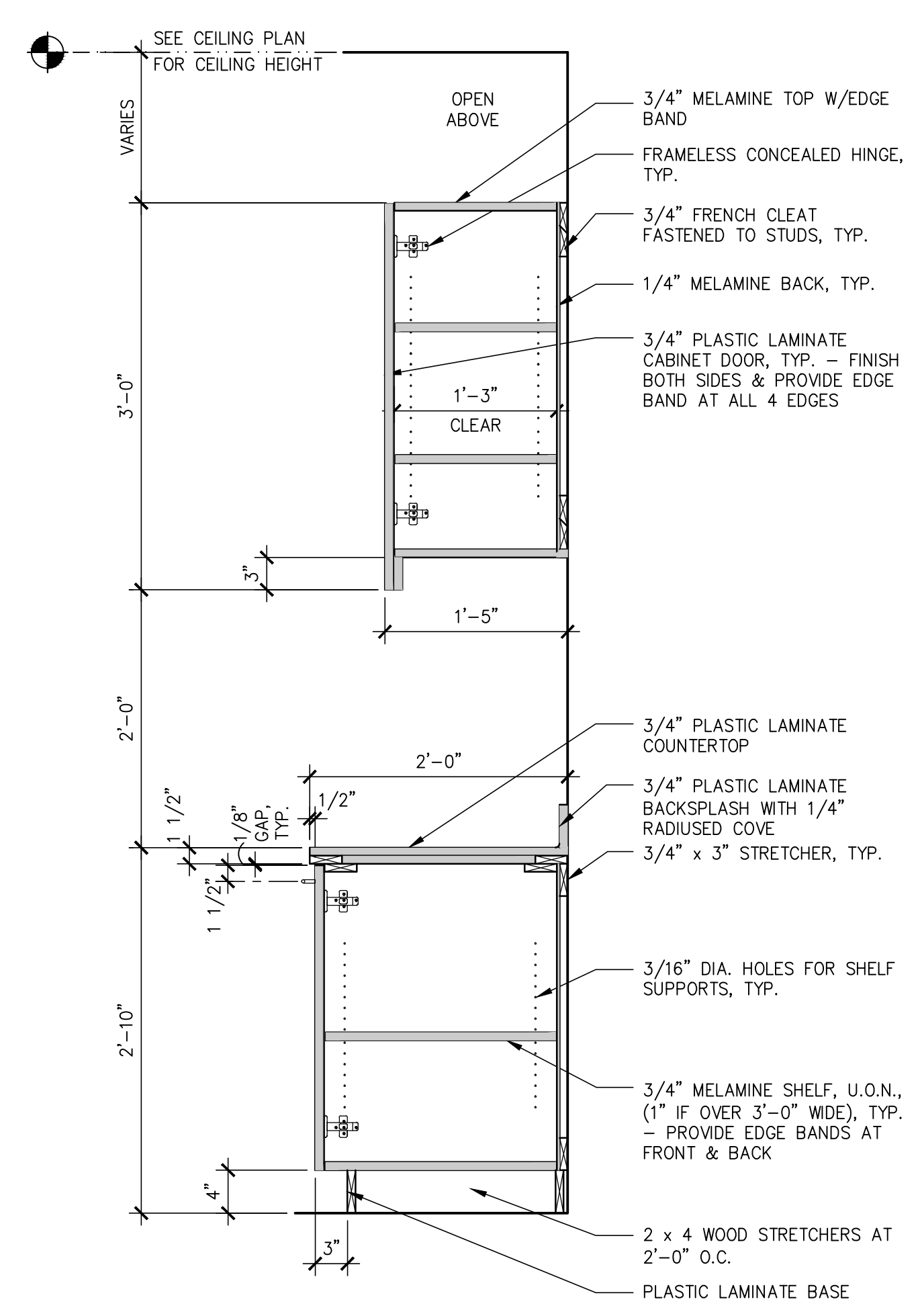
WALL ELEVATION @ LOBBY 100
SCALE: 3/8"=1'-0" (F)



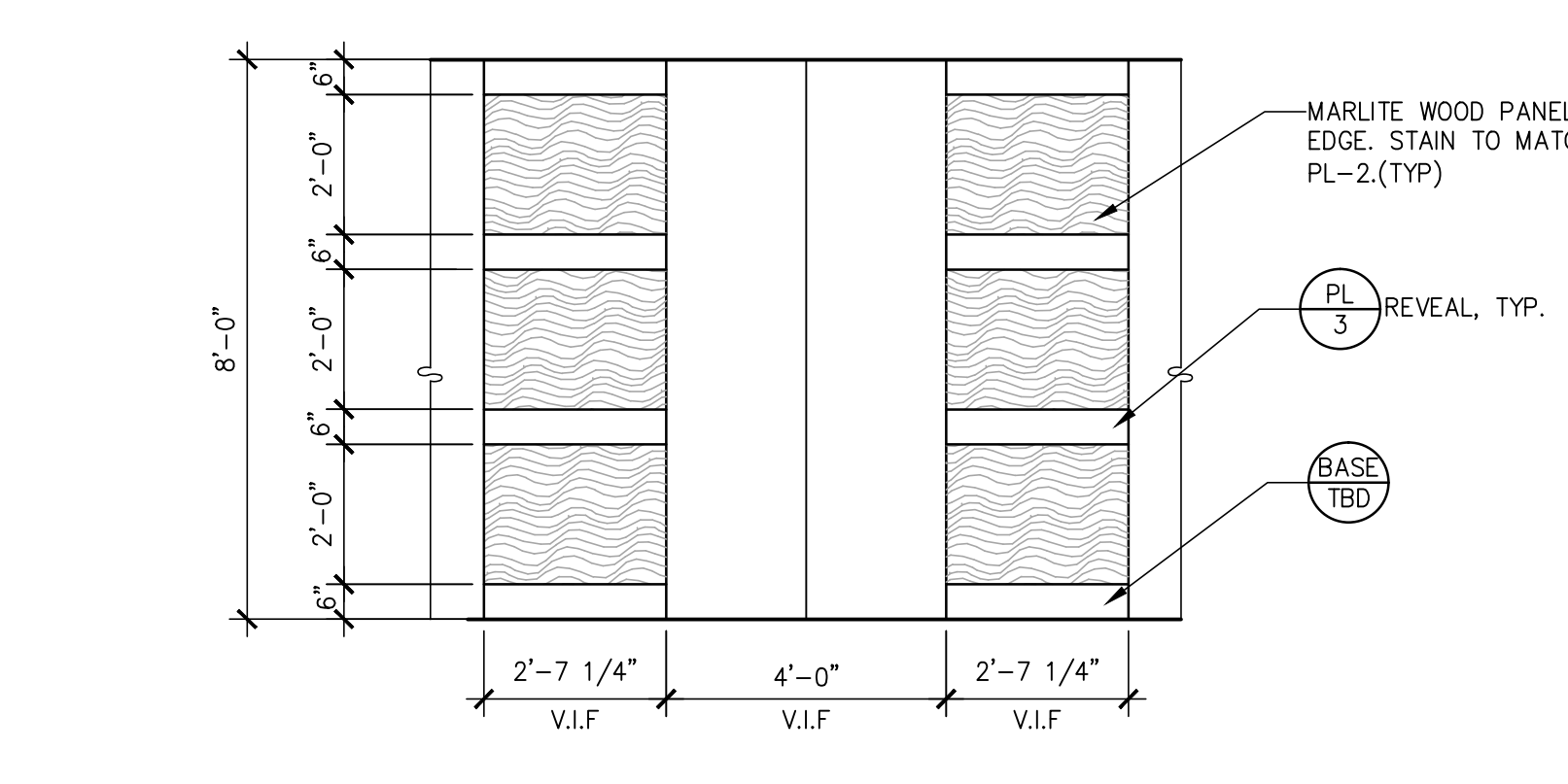
MILLWORK ELEVATIONS @ BREAK ROOM #225
SCALE: 3/8"=1'-0" (7)

MILLWORK/CABINETRY NOTES:

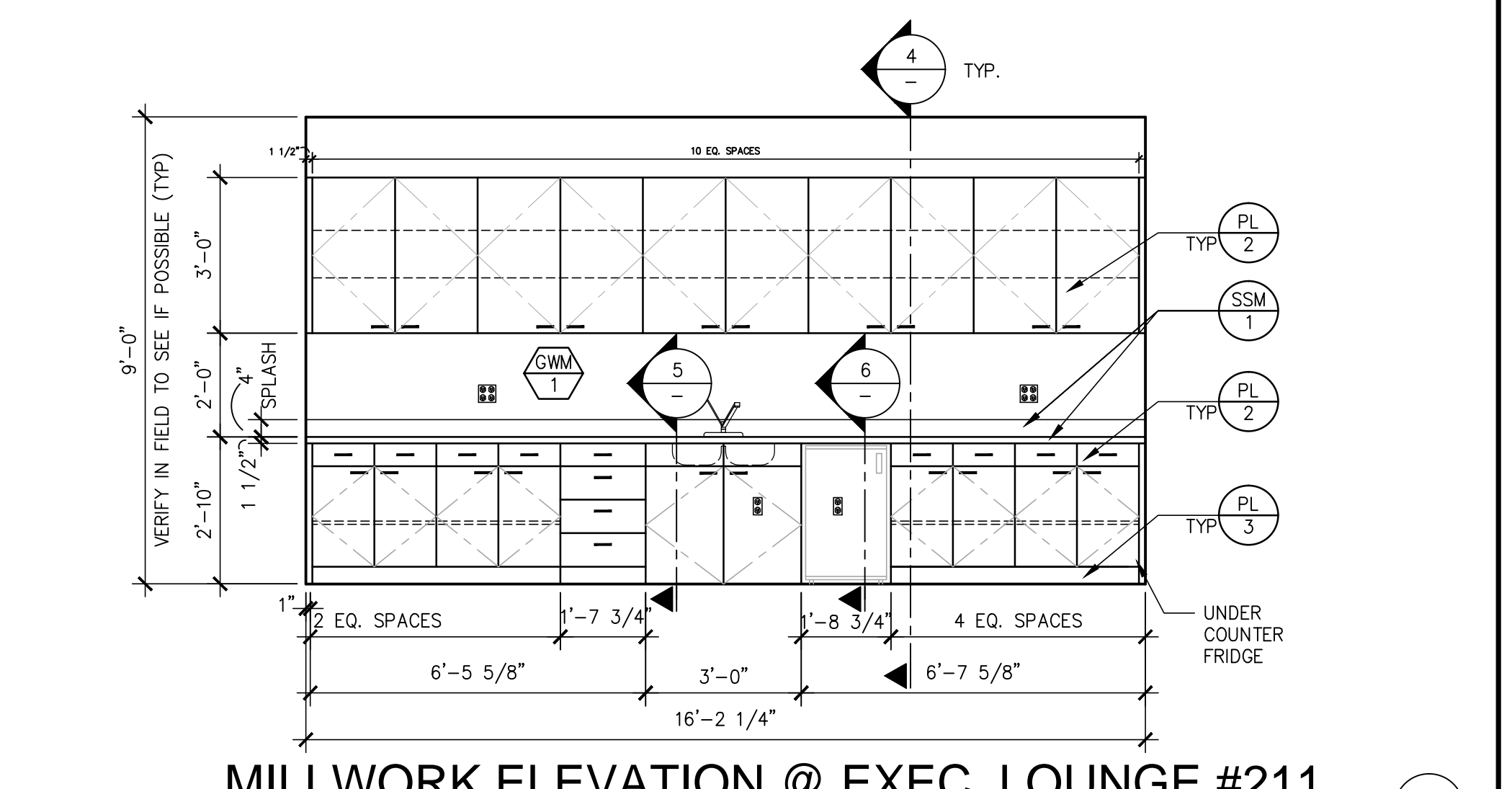
1. ALL MILLWORK SHALL CONFIRM TO THE CURRENT ARCHITECTURAL WOODWORK STANDARDS PREMIUM GRADE. ALL CABINETRY SHALL CONFIRM TO THE CURRENT ARCHITECTURAL WOODWORK STANDARDS CUSTOM GRADE.
2. ALL NOTES AND DETAILS FOR DETAIL 2/- ARE TYPICAL FOR THIS ENTIRE PAGE OF DETAILS, UNLESS OTHERWISE NOTED.
3. SEE ELEVATIONS FOR EXTERIOR FINISHES SPECIFICATIONS.
4. DOOR PULLS SHALL BE: EPCO 5.5" SATIN NICKEL BAR PULLS; BPO30-SN, U.O.N.
5. COUNTERTOPS SHALL HAVE BACK-SPLASHES ONLY WHERE SHOWN ON ELEVATION.
6. COUNTERTOPS SHALL HAVE A NOSING OF COUNTER TOP MATERIAL AT LEAST 3" DEEP, WHEREBY THE COUNTER MATERIAL EXTENDS INTO THE INSIDE OF THE CABINET, I.E. OVER THE DOOR (WHEN PRESENT)
7. CABINET INTERIORS SHALL BE WHITE MELAMINE, INCLUDING EDGES.
8. INTERIOR SHELVING SHALL BE COVERED IN WHITE MELAMINE.
9. DOORS SHALL BE OF FLUSH OVERLAY CONSTRUCTION.
10. DOORS EDGES SHALL BE EDGE BANDED TO MATCH THE FRONTS.
11. INTERIOR OF DOOR SHALL BE FACED WITH SAME MATERIAL AS THE FRONTS.
12. END PANELS, AND FRONT EDGES OF EDGE PANELS WHICH ARE PROUD OF THE INTERIOR CABINET, SHALL BE FACED TO MATCH DOOR FRONTS.
13. ALL HINGED DOORS TO HAVE CLEAR SILENCERS TOP AND BOTTOM ON DOOR (NOT CABINET).
14. ALL DRAWER GLIDES SHALL HAVE SILENCERS BUILT IN (NO INSTALLED ON DRAWER).
15. ALL DRAWER GLIDES SHALL BE FULL EXTENSION.
16. ALL HINGES SHALL OPEN ±105°, EXCEPT WHERE CABINETS ARE ADJACENT TO WALLS PROVIDE HINGES WHICH LIMIT THE DOOR SWING TO KEEP THE DOOR PULL FROM DAMAGING THE WALL.



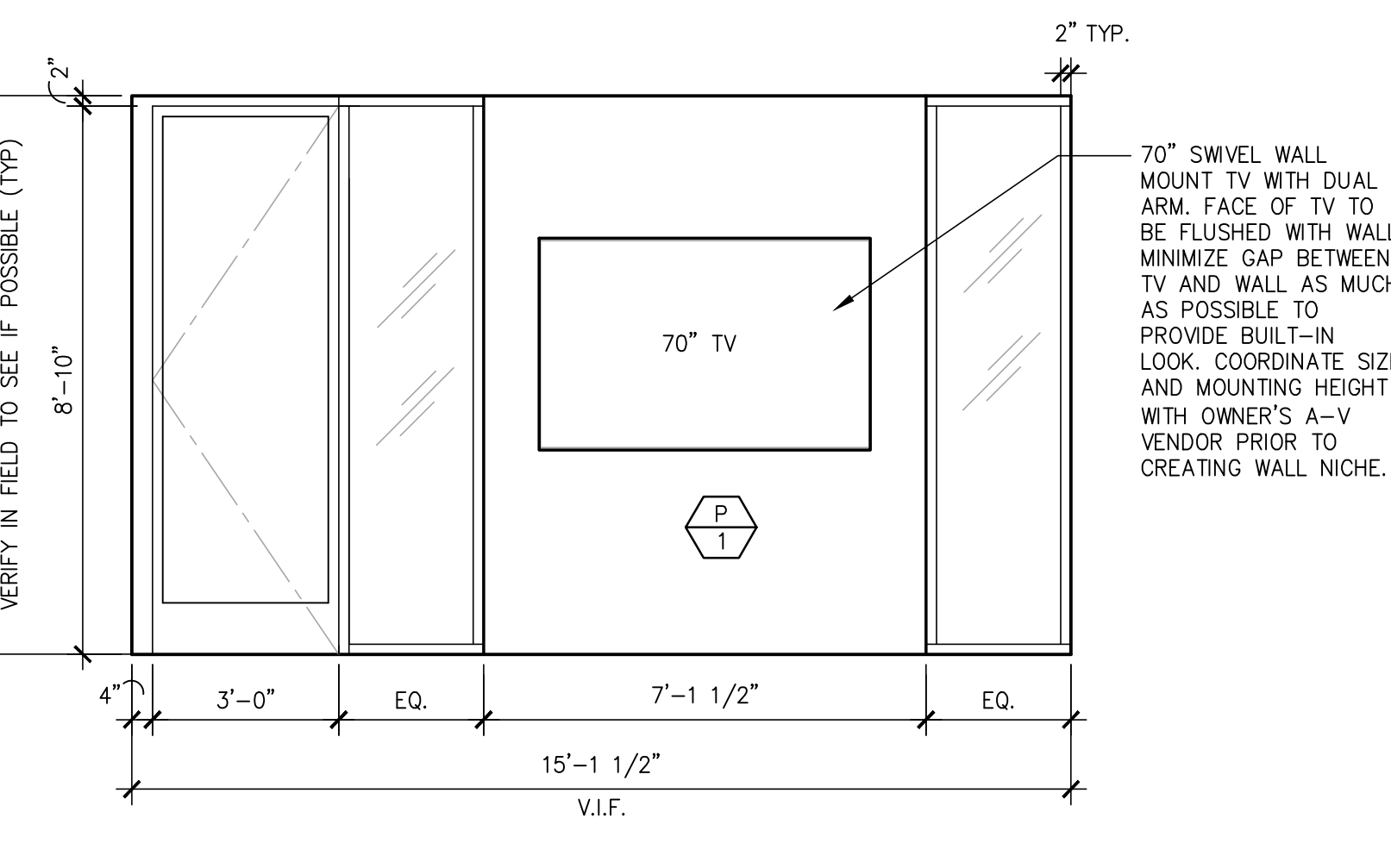
UPPER/LOWER CABS w/o DRAWERS
SCALE: 1"=1'-0" (4) IMWCB-Up_low-01



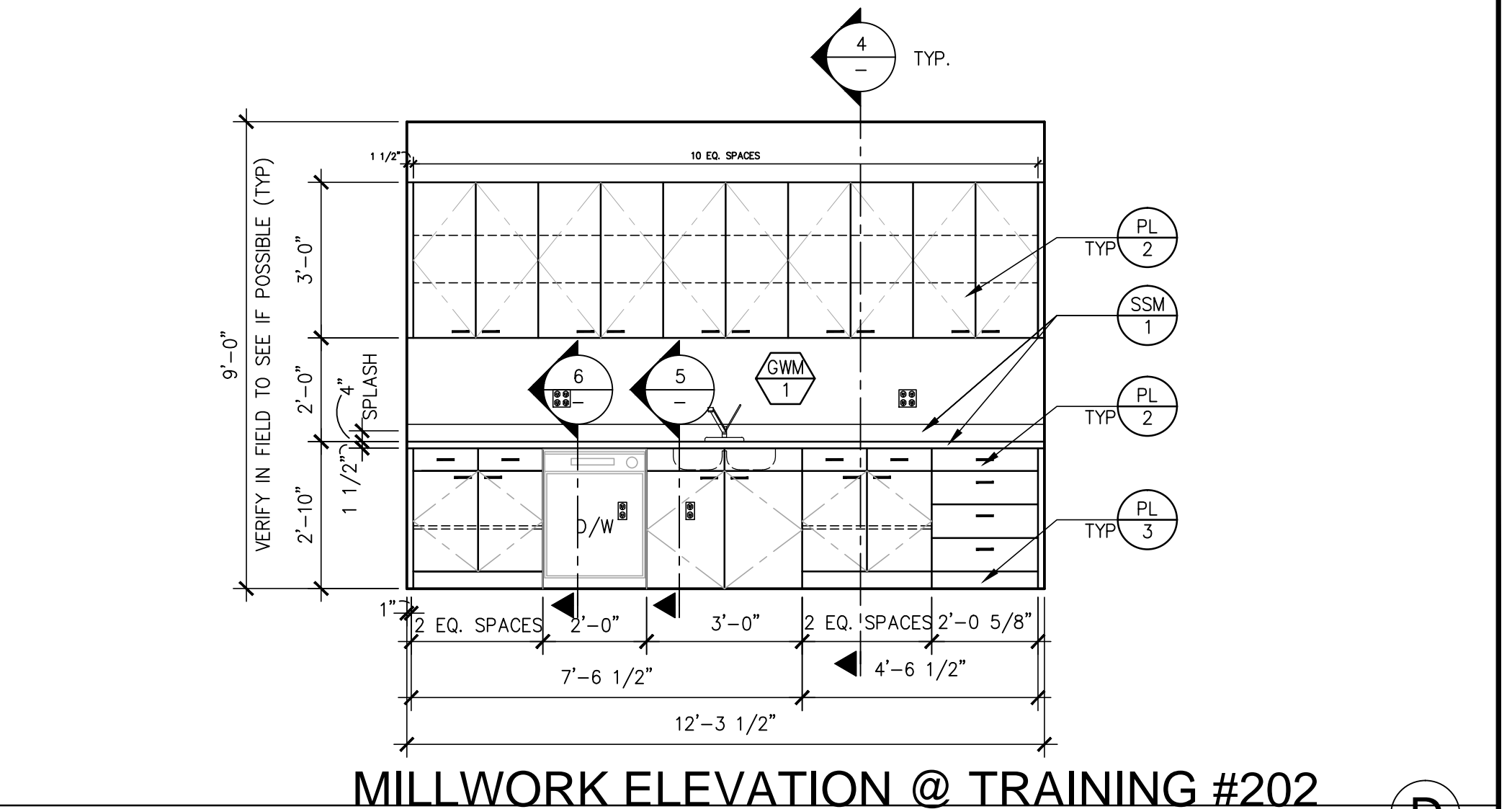
WALL ELEVATION @ LOBBY 100
SCALE: 3/8"=1'-0" (G)



MILLWORK ELEVATION @ EXEC. LOUNGE #211
SCALE: 3/8"=1'-0" (C)



WALL ELEVATION @ CONFERENCE #203
SCALE: 3/8"=1'-0" (H)



MILLWORK ELEVATION @ TRAINING #202
SCALE: 3/8"=1'-0" (D)

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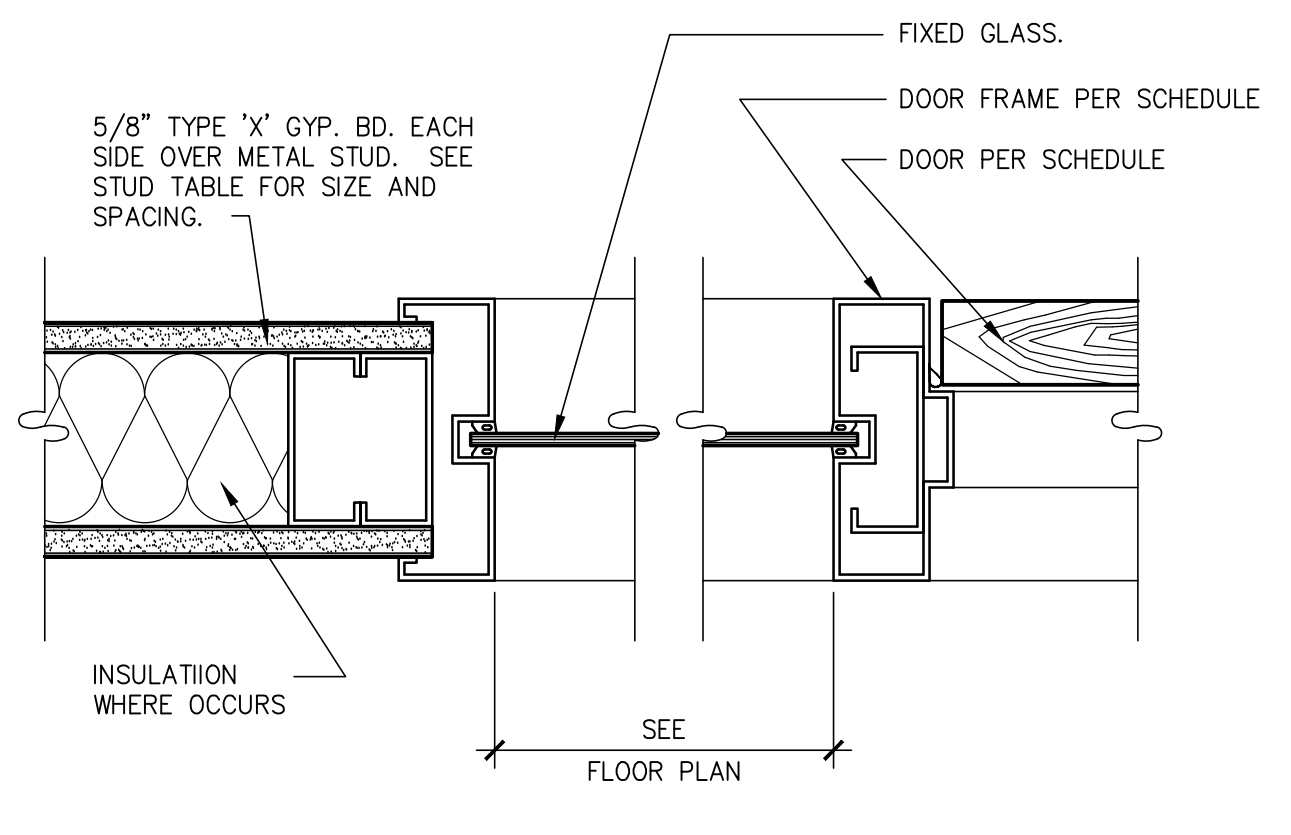
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MILLWORK ELEVATIONS & DETAILS

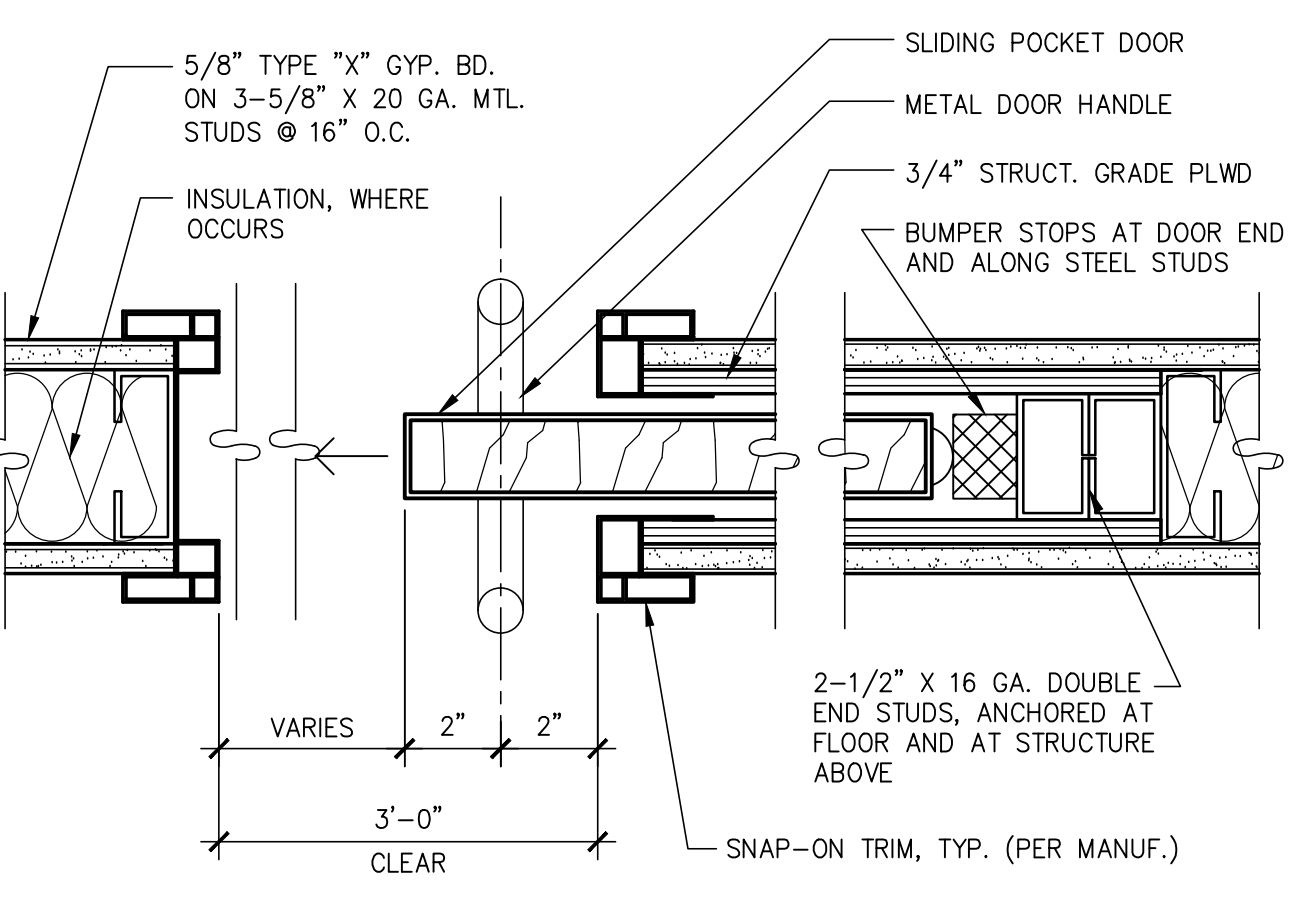
DATE	REVISIONS	DATE	REVISIONS
2012.01.05	PLAN CHECK REVISIONAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

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JOB NO.: SDG11-6064-00

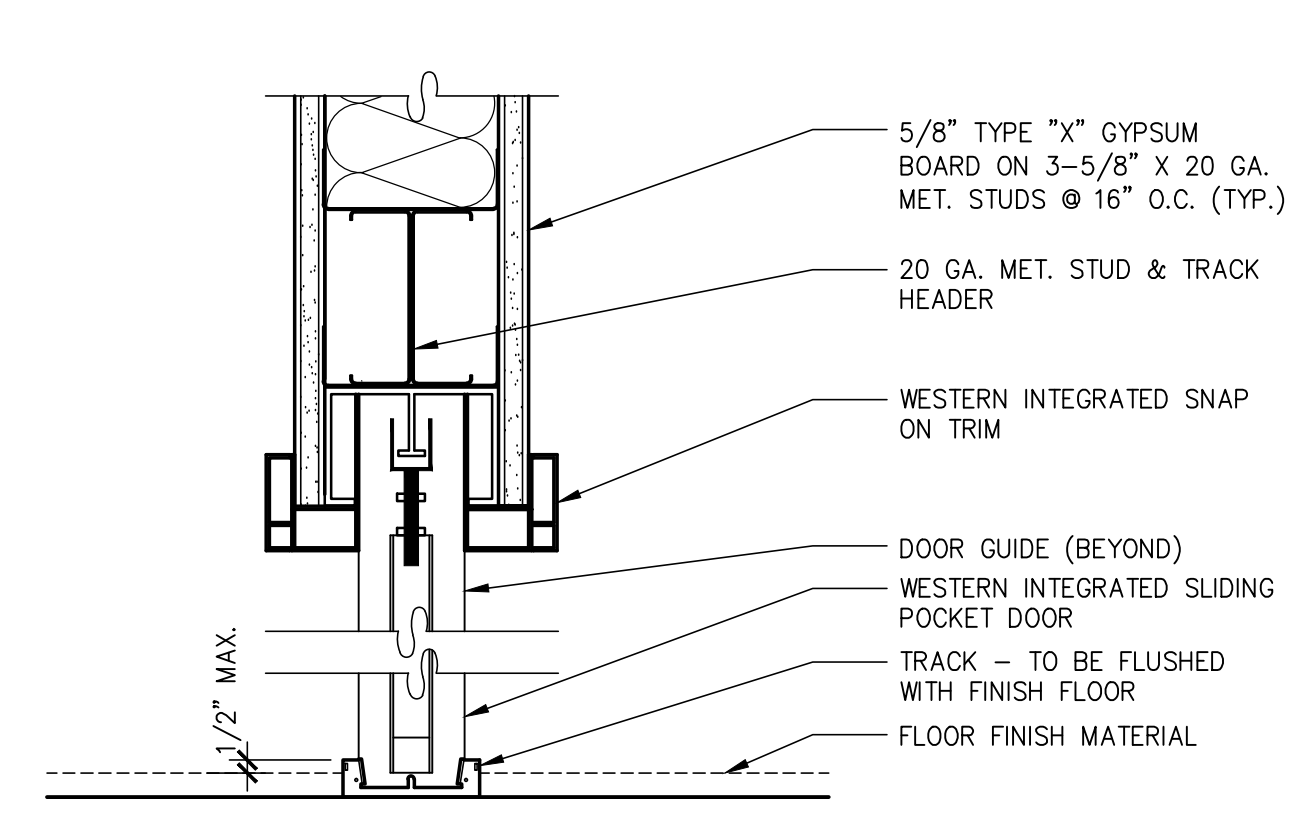
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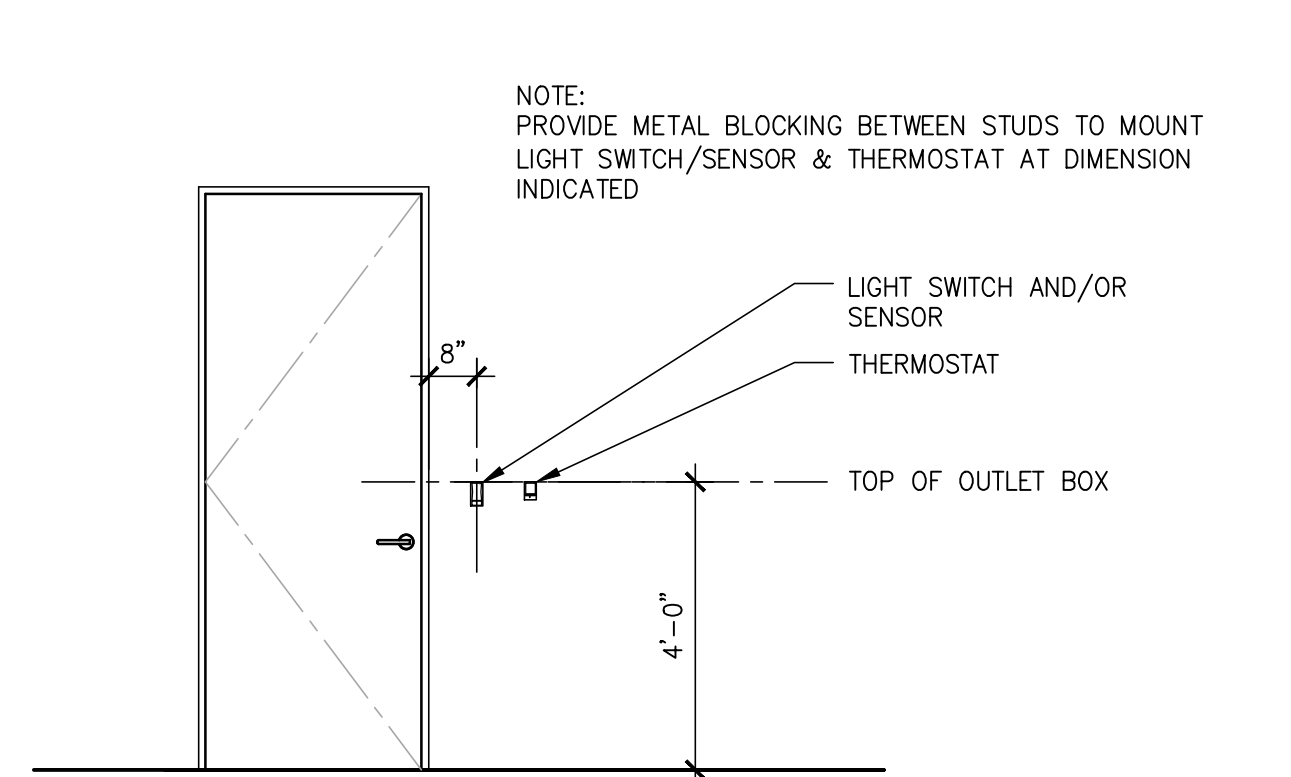
INTEGRAL DOOR & WINDOW JAMB
 SCALE: 3"=1'-0"
 IDRAL-Jamb-03_Integral 2



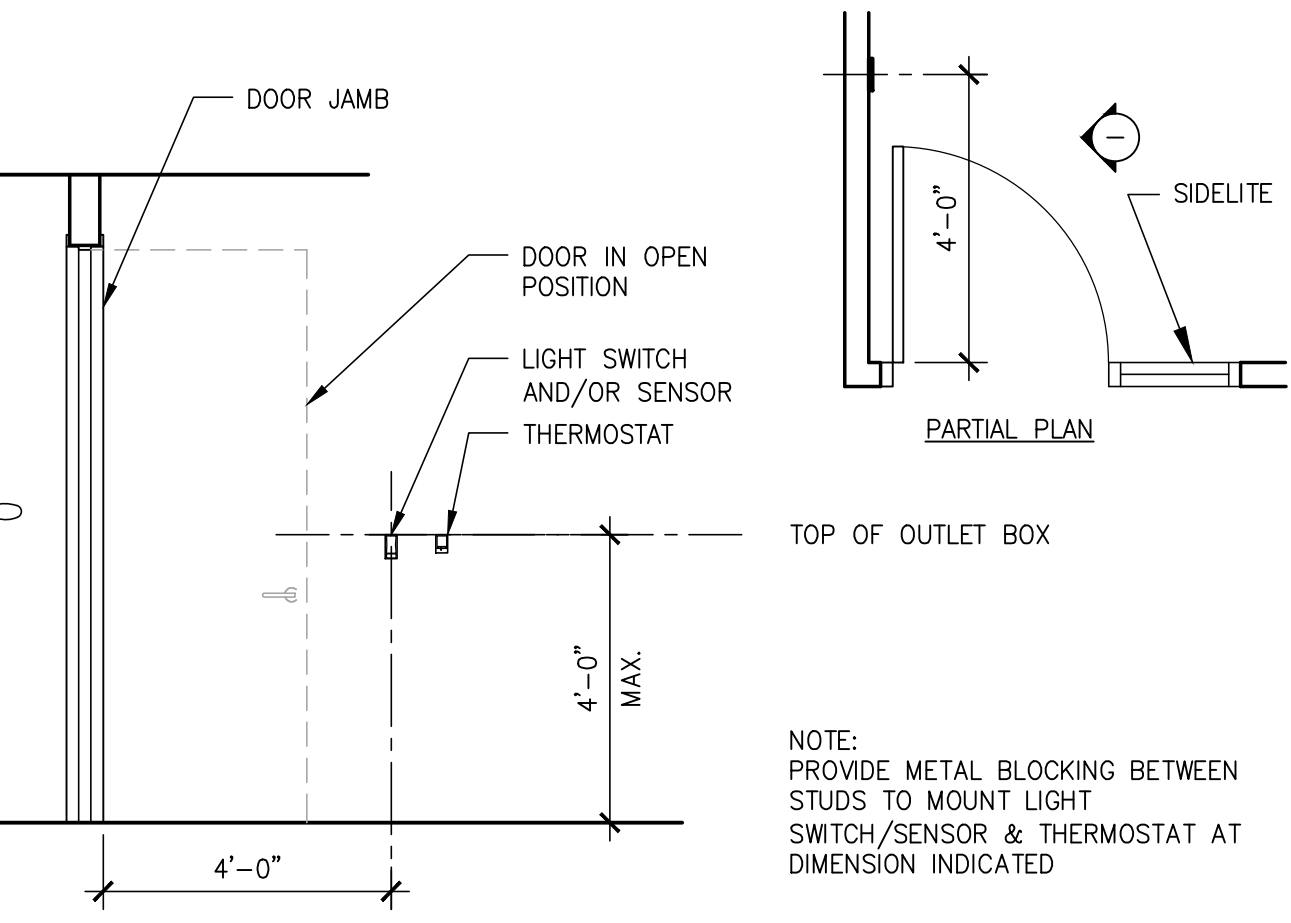
SLIDING POCKET DOOR JAMBS
 SCALE: 3"=1'-0"
 IDRSL-Pocket_door_jamb-01 3



SLIDING POCKET DOOR HEAD/SILL
 SCALE: 3"=1'-0"
 IDRSL-Door_head-04 4

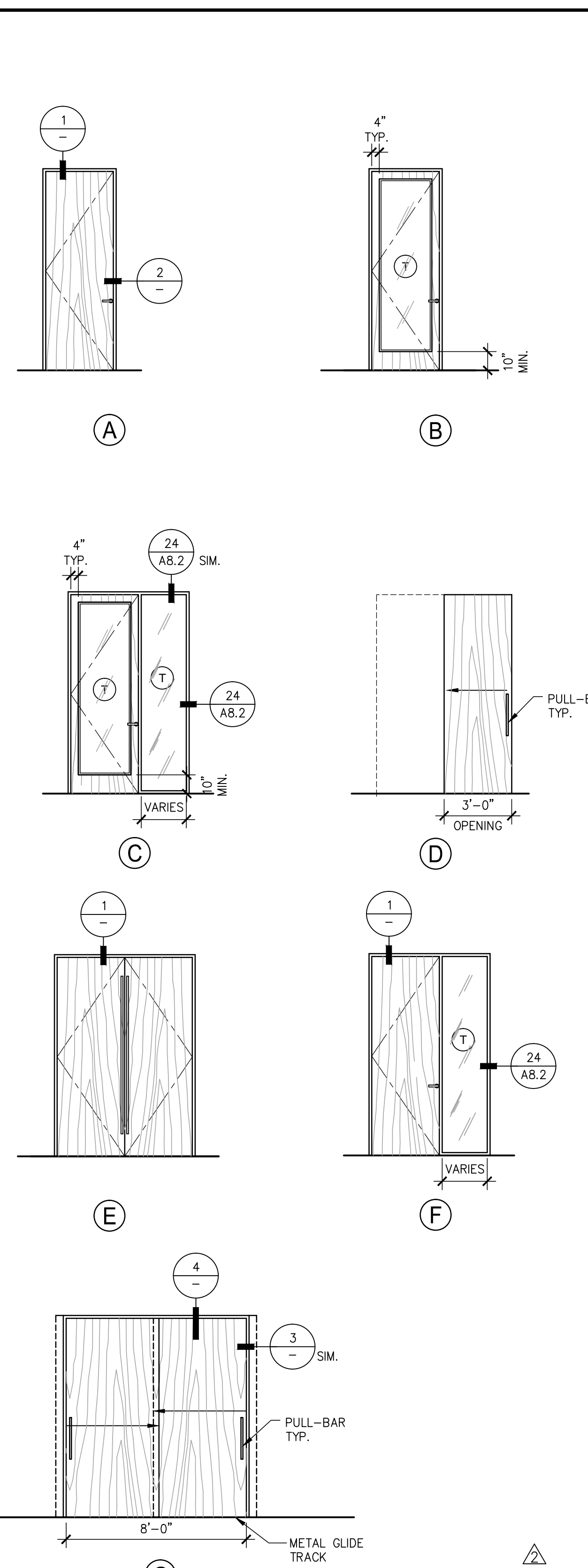


LT. SWITCH / T-STAT INSTALLATION
 SCALE: 3/8"=1'-0"
 IMMI-Light_switch_T_stat-02 5



LT. SWITCH / T-STAT @ SIDELITE
 SCALE: 3/8"=1'-0"
 IMMI-Light_switch_T_stat-01 6

DOOR TYPES



DOOR HEAD (JAMB SIM.)
 SCALE: 3"=1'-0"
 IDRAL-Head-07 1

DOOR SCHEDULE

DOOR NO.	ROOM NO.	DOOR						FRAME			H/DWARE GROUP	OPERAT. H/DWARE	ELECT.	GASKET	REMARKS
		TYPE	WIDTH	HEIGHT	THICK	MATERIAL	FINISH	RATING	MATERIAL	FINISH					
E100	LOBBY 100	H	PAIR 3'-0"	7'-10"	1-3/4"	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	A1	SEE NOTE 6	-	-	NEW ALUMINUM AND GLASS STOREFRONT SYSTEM TO REPLACE EXISTING. COORDINATE FINISH WITH NEW WINDOW FRAMES. STRUCTURAL COLUMNS & HEADER TO REMAIN.
E100a	LOBBY 100	-	-	-	-	-	-	-	-	-	-	-	-	-	EXISTING DOOR TO REMAIN. PAINT/REPAIR AS NEEDED TO BRING TO NEW CONDITION. SEE NOTE #7. ALTERNATE: PROVIDE NEW DOOR TYPE A WITH HARDWARE B2.
E100b	LOBBY 100	A	3'-0"	7'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1b	-	-	
E100c	LOBBY 100	A	3'-0"	7'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1b	-	-	
E101	WOMEN'S 101	A	3'-0"	7'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1c	-	-	REPLACE EXISTING DOOR WITH NEW DOOR TO MATCH MEN'S 102.
E102	MEN'S 102	A	3'-0"	7'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1c	-	-	
E103	TEL/ELEC 103	-	-	-	-	-	-	-	-	-	-	-	-	-	NO NEW DOOR REQUIRED IN THIS ROOM/AREA.
E104	STAIRS 100	-	-	-	-	-	-	-	-	-	-	-	-	-	EXISTING DOOR TO REMAIN. PAINT/REPAIR AS NEEDED TO BRING TO NEW CONDITION. SEE NOTE #7. ALTERNATE: PROVIDE NEW DOOR TYPE A WITH HARDWARE B2.
E201	LOBBY 201	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1b	-	-	PROVIDE CIPHER LOCK. SPECIFICATION TBD.
E201a	LOBBY 201	-	-	-	-	-	-	-	-	-	-	-	-	-	EXISTING DOOR TO REMAIN. PAINT/REPAIR AS NEEDED TO BRING TO NEW CONDITION. SEE NOTE #7. ALTERNATE: PROVIDE NEW DOOR TYPE A WITH HARDWARE B2.
E202c	TRAINING 202	G	-	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	-	-	-	-	3e	-	-	-	BY-PASS CLOSET DOORS
E202d	TRAINING 202	G	-	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	-	-	-	-	3e	-	-	-	BY-PASS CLOSET DOORS
E202e	TRAINING 202	G	-	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	-	-	-	-	3e	-	-	-	BY-PASS CLOSET DOORS
E203a	CONFERENCE 203	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	
E203b	CONFERENCE 203	B	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	
E205	HALLWAY 205	A	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1d	-	-	REPLACE EXISTING DOOR.
E207	OFFICE 207	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E208	OFFICE 208	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E209	OFFICE 209	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E210	OFFICE 210	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	
E211a	EXEC LOUNGE 211	D	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	3e	-	-	SLIDING DOOR. PROVIDE PULL & A.D.A THUMB TURN LOCK
E211b	EXEC LOUNGE 211	D	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	3e	-	-	SLIDING DOOR. PROVIDE PULL & A.D.A THUMB TURN LOCK
E212	OFFICE 210	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	REPLACE EXISTING DOOR TO MATCH NEW SINGLE WOOD DOORS THROUGHOUT.
E213a	EXEC BATH 213	D	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	3e	-	-	SLIDING DOOR. PROVIDE PULL & A.D.A THUMB TURN LOCK
E213b	EXEC BATH 213	D	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	3e	-	-	SLIDING DOOR. PROVIDE PULL & A.D.A THUMB TURN LOCK
E215	OFFICE 215	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E216	OFFICE 216	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E217	OFFICE 217	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E218	# NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	
E219	OFFICE 219	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E220	OFFICE 220	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E221	OFFICE 221	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1b	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E222	STORAGE 222	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1a	-	-	
E223	STORAGE 223	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1a	-	-	
E224	SERVER 224	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1a	-	-	
E224a	JAM, CLOS. 224	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1a	-	-	
E225	BREAK ROOM 225	C	3'-0"	8'-10"	1-3/4"	TEMPERED GLASS W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1d	-	-	PROVIDE ALTERNATE: DOOR TYPE F
E226	WOMEN'S 226	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1c	-	-	
E227	MEN'S 227	A	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B2	1c	-	-	
E227a	ROOF ACCESS 227a	D	3'-0"	8'-10"	1-3/4"	SOLID WOOD CORE W/ WOOD VENEER	SEE NOTE #5	SEE NOTE #4	SEE NOTE #5	SEE NOTE #5	B1	1a	-	-	SLIDING DOOR

DOOR HARDWARE

HARDWARE SPECIFICATIONS

- BUTT HINGES:**
- IVES WS407 / FS436 SERIES DOOR STOPS:
 a. WS407 CVX/CCV WALL STOP OR APPROVED EQUAL. TYPICAL.
 b. FS436 / R435 DOME FLOOR STOP (SIZE BASE TO FIT) OR APPROVED EQUAL. - WHERE WALL STOP WILL NOT WORK.
 c. WHERE WALL OR FLOOR STOPS WILL NOT WORK PROVIDE AN OVERHEAD STOP OR SPRING "CUSH" ARM ON THE CLOSER.
 - SIZE:
 a. 3 1/2" x 3 1/2" x 0.123 GA FOR 1 3/8" DOORS
 b. 4 1/2" x 4 1/2" x 0.134 GA FOR 1 3/4" DOORS TO 36" WIDE
 c. 4 1/2" x 4 1/2" x 0.180 GA FOR 1 3/4" FOR DOORS GREATER THAN 36" TO 42" WIDE.
 d. 5" x 4 1/2" x 0.190 GA FOR 1 3/4" FOR DOORS GREATER THAN 42" TO 48" WIDE.
 e. MANUFACTURER'S GUIDELINES FOR ALL OTHER DOOR THICKNESSES.
 - QUANTITY:
 1 1/2 PAIRS FOR DOORS 60" TO 90" IN HEIGHT AND AN ADDITIONAL 1/2 PAIR FOR EVERY 30" OR FRACTION THEREOF.
 - MATERIAL:
 a. ALL EXTERIOR OUTSWING DOOR BUTTS SHALL BE MADE OF NON-FERROUS MATERIAL AND SHALL HAVE STAINLESS STEEL HINGE PINS.
 b. ALL EXTERIOR OUTSWING DOORS SHALL HAVE NON-REMOVEABLE PINS.
 c. ALL FIRE RATED DOORS OR DOORS WITH CLOSING DEVICES SHALL HAVE BALL BEARING STEEL HINGES.
- PIVOTS:**
- IVES 7000 SERIES
 - HIGH STRENGTH FORGED BRONZE OR STAINLESS STEEL TILT-ON PRECISION BEARING AND BEARING PIN.
 a. BOTTOM AND INTERMEDIATE PIVOTS: ADJUSTABILITY OF MINUS 1/16 INCH, PLUS 1/8 INCH.
- CLOSING DEVICES:**
- CONCEALED - FLOOR: DORMA BTS 80 SERIES
 a. HYDRAULICALLY CONTROLLED, CEMENT CASE, MAXIMUM DEGREE DEAD STOP PERMITTED BY TRIM OR ADJACENT STRUCTURE. PROVIDE SPECIAL PINS, FLOOR PANS, AND LONGER SPINDLES TO ACCOMMODATE FLOOR AND JAMB CONDITIONS.
 - CONCEALED - OVERHEAD: LCN 2030 SERIES OR APPROVED EQUAL.
 a. CONCEALED IN TRACK BUMPERS WHERE SCHEDULED.
 - SURFACE: LCN 1461 SERIES OR APPROVED EQUAL.
 a. PROVIDE "DS" DESIGNER SERIES COVERS AT ALL DOORS VISIBLE BY THE PUBLIC. (STANDARD COVERS AT MAINTENANCE ROOMS)
 - MAX. EFFORT TO OPERATE DOORS
 a. EXTERIOR DOORS - 5 LBS.
 b. INTERIOR DOORS - 5 LBS.
 c. FIRE RATED DOORS - 15 LBS.
 - A CLOSING DEVICE MUST BE USED ON ALL FIRE-RATED DOORS.

OPERATING HARDWARE

- SCHLAGE "D" SERIES "SPARTA" LATCHING HARDWARE FOR USE ON INTERIOR DOORS - #626 SATIN CHROMIUM PLATED
 - NB80PD - STOREROOM LOCK
 - NB50PD - ENTRANCE/OFFICE LOCK
 - NDIOS - BATH PRIVACY LOCK
 - NDIOS - PASSAGE LATCH
 - 23-065 (1 1/8") - GLASS DOOR CYLINDER
- VON DUPRIN 99 SERIES PANIC DEVICE OR APPROVED EQUAL.
 - 9975L X 575 - SINGLE DOOR
 - 9947L X - PAIRS OF DOORS (CONCEALED VERTICAL RODS) DELITE: 355CS, COR2, FB8/7 PROVIDE: 297DS, 293DP AT FIRE DOORS
 - 9927L - PAIRS OF DOORS (SURFACE VERTICAL RODS) DELITE: 355CS, COR2, FB8/7 PROVIDE: 297DS, 293DP AT FIRE DOORS
 - USE SCHLAGE 20-001 (1 1/4") CYLINDER.
 - USE FIRE RATED HARDWARE WHERE REQUIRED.
- BULMOCRAFT OF PITTSBURGH ALL GLASS DOORS HARDWARE-#26 SATIN CHROMIUM PLATED OR APPROVED EQUAL.
 - H-100-A PANIC HANDLE
 - H-100-A PANIC HANDLE WITH KEY CYLINDER
 - DB-100-A DEADBOLT LOCK HANDLE WITH KEY CYLINDER
 - FORMS+SURFACES: ROUND D1124 - SATIN STAINLESS STEEL
 - FORMS+SURFACES: ROUND D1124 - 30" HIGH, U.O.N. SATIN STAINLESS STEEL
- C.R. LAURENCE EXTRA LENGTH LADDER BACK STYLE BACK-TO-BACK PULLS
 - 72" - BRUSHED STAINLESS STEEL

HARDWARE GROUP

SINGLE OR PAIR OF GLASS DOORS

A1 PAIR OF STOREFRONT GLASS DOOR (3 POINT LOCK)
 OPERATING HARDWARE MS 180505
 THRESHOLD BOLT 4015
 HEADER BOLT 4085
 CYLINDER GUARD MS 4043
 EXIT INDICATOR 4089
 THRESHOLD 2000

SINGLE WOOD OR HOLLOW METAL DOOR

B1 STANDARD DOOR:
 BUTT HINGES 450 T88
 STOP W1276 CCS

B2 STANDARD DOOR WITH CLOSER:
 BUTT HINGES 450 T88
 STOP W1276 CCS
 CLOSER 8581 BF

NOTES

- SEE SHEET A0.2 FOR GENERAL DOOR NOTES**
- REFER TO THE PARTITION PLAN AND SPECIFICATIONS (IF PROVIDED) FOR ADDITIONAL DOOR INFORMATION.
 - VERIFY FIELD/CEILING CONDITION TO SEE IF 7'-10" AND 8'-10" DOOR HEIGHT IS POSSIBLE.
 - ALL OFFICE DOORS TO BE MARSHFIELD (OR EQUAL); WOOD WITH TEMPERED GLASS INSET, U.O.N. PLAIN SLICED WHITE MAPLE W/ VENEER FINISH.
 - WOOD FINISH ON ALL DOORS TO BE STAINED FINISH TO MATCH NEVAMAR PLASTIC LAMINATE "KONA BLEND W20028PV". PROVIDE SAMPLE FOR CLIENT AND ARCHITECT APPROVAL PRIOR TO ORDERING AND INSTALLATION.
 - DOOR FRAMES THROUGHOUT TO BE ALPHA ALUMINUM "S" LABEL TO MATCH ACI 400 AND 800 SYSTEMS, U.O.N. DOOR FRAME FINISH TO BE SATIN ANODIZED ALUMINUM (OR "ALUMINUM").
 - PROVIDE BULMOCRAFT PUSH/PULL HANDLE P-751-A WITH RAIL DEADLOCK 738SL, OR APPROVED EQUAL. PROVIDE SPECIFICATION LITERATURE FOR ARCHITECT AND OWNER TO REVIEW AND APPROVE PRIOR TO ORDERING AND INSTALLATION.
 - GENERAL CONTRACTOR VERIFY THAT ALL DOORS AND DOOR HARDWARE MEET THE REQUIREMENTS OF ALL GOVERNING CODES & STANDARDS. NOTIFY THE ARCHITECT IMMEDIATELY IN CASE OF DISCREPANCY.
 - GENERAL CONTRACTOR TO FIELD VERIFY, AS REQUIRED, ALL DOORS PRIOR TO FABRICATION.
 - LATCHING AND LOCKING DOORS THAT ARE HAND OPERATED SHALL BE OPERABLE WITH A SINGLE EFFORT WITHOUT REQUIRING THE ABILITY TO GRASP THE HARDWARE (LEVER OR PUSH TYPE). VERIFY CONDITION AT EXISTING DOORS.
 - MAXIMUM EFFORT TO OPERATE DOORS, BOTH NEW AND EXISTING, SHALL NOT EXCEED THE FOLLOWING PER THE REQUIREMENTS OF THE ADA:
 - INTERIOR DOORS - 5 POUNDS
 - EXTERIOR DOORS - 5 POUNDS
 - ALL HARDWARE TO BE LEVER-TYPE PER STATE OF ALL GOVERNING CODES & STANDARDS AND THE ADA.
 - OPENING HARDWARE IS TO BE CENTERED BETWEEN 30" AND 44" ABOVE FINISH FLOOR. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND MATCH NEW.
 - PROVIDE WEATHER SEALS ON ALL EXTERIOR DOORS PER ANSI STANDARDS.
 - CONTRACTOR IS RESPONSIBLE TO COORDINATE & VERIFY ALL DOOR FRAME THROAT THICKNESS FOR EACH LOCATION.
 - ALL DOOR FRAMES TO BE FACTORY FINISHED, U.O.N
 - ALL DOOR STOPS TO HAVE 2x6 BACKING IN THE WALL BEHIND.
 - MAXIMUM UNDERCUT OF ALL DOORS NOT IN A RATED CORRIDOR SHALL NOT EXCEED 1/2" ABOVE FINISH FLOOR SURFACE.

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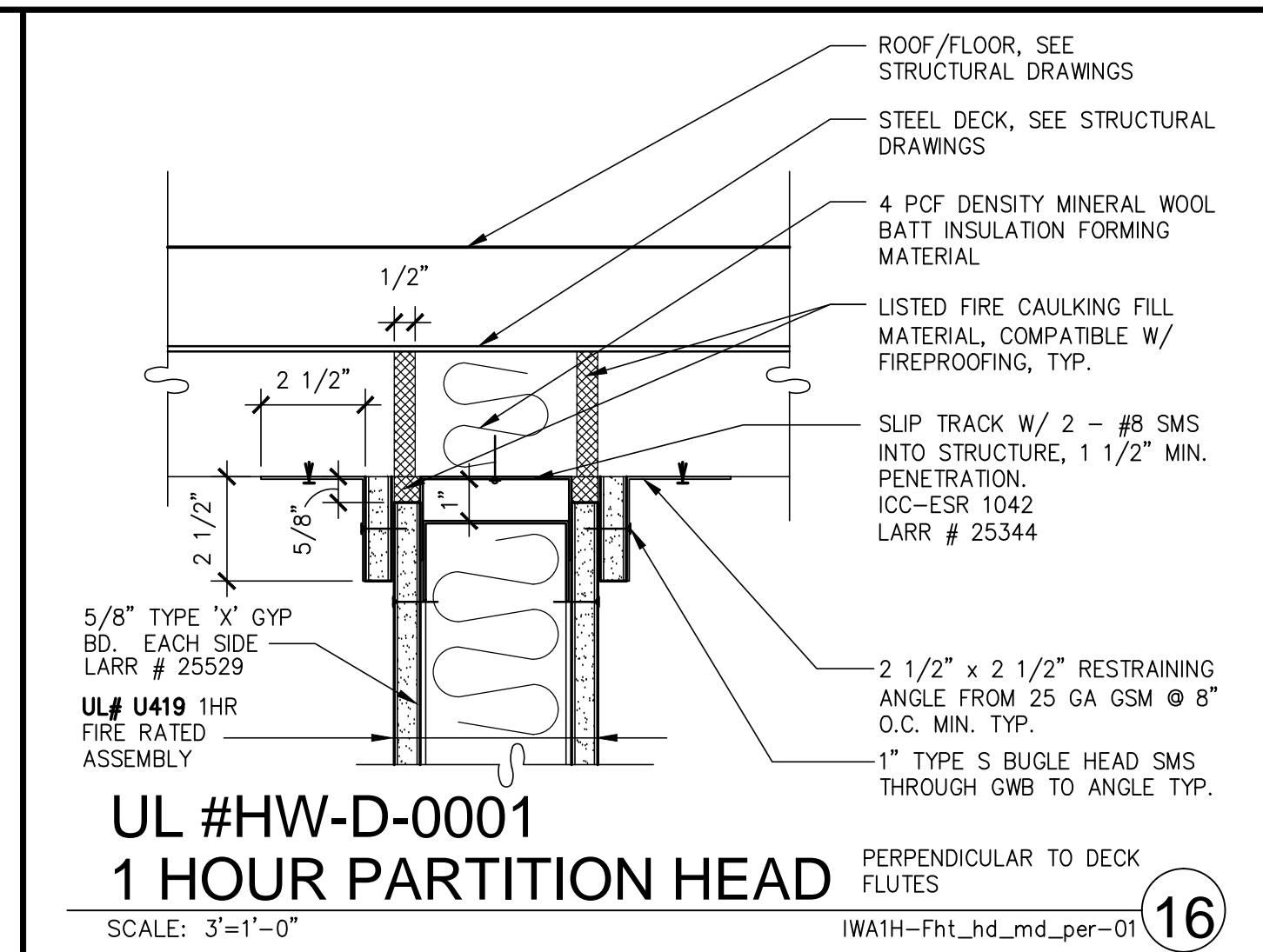
DOOR SCHEDULE & DETAILS

REVISIONS	DATE	REMARKS
DATE	2011.10.10	PLAN CHECK RE-SUBMITTAL
DATE	2012.01.05	ISSUE FOR CONSTRUCTION

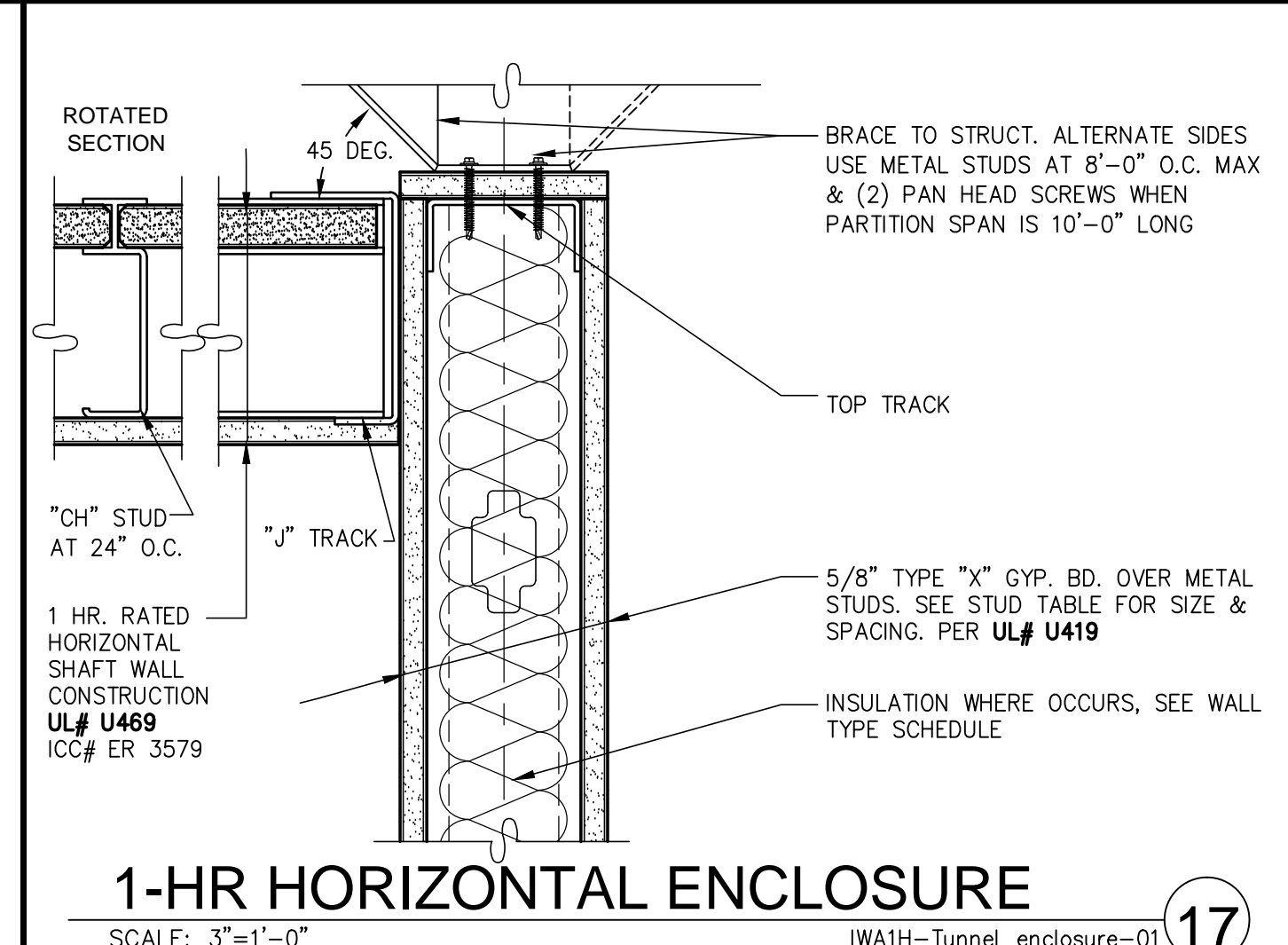
PA / PM: TENGISH
 DRAWN BY: KS
 JOB NO.: SD011-6064-00

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A7.1

2012.01.05
 ISSUE FOR CONSTRUCTION



UL #HW-D-0001
1 HOUR PARTITION HEAD
SCALE: 3"=1'-0"



1-HR HORIZONTAL ENCLOSURE
SCALE: 3"=1'-0"

MEMBER DEPTH:
(EXAMPLE: 6" = 600 X 1/100 INCHES)
ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES. FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE DIMENSION.

FLANGE WIDTH:
(EXAMPLE: 1 5/8" = 1.625" - .162 X 1/100 INCHES)
ALL FLANGE WIDTHS ARE TAKEN IN 1/100 INCHES.

MATERIAL THICKNESS:
(EXAMPLE: 0.054 IN. = 54 MILS; 1 MIL = 1/1000 IN.)
MATERIAL THICKNESS IS THE MINIMUM BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.

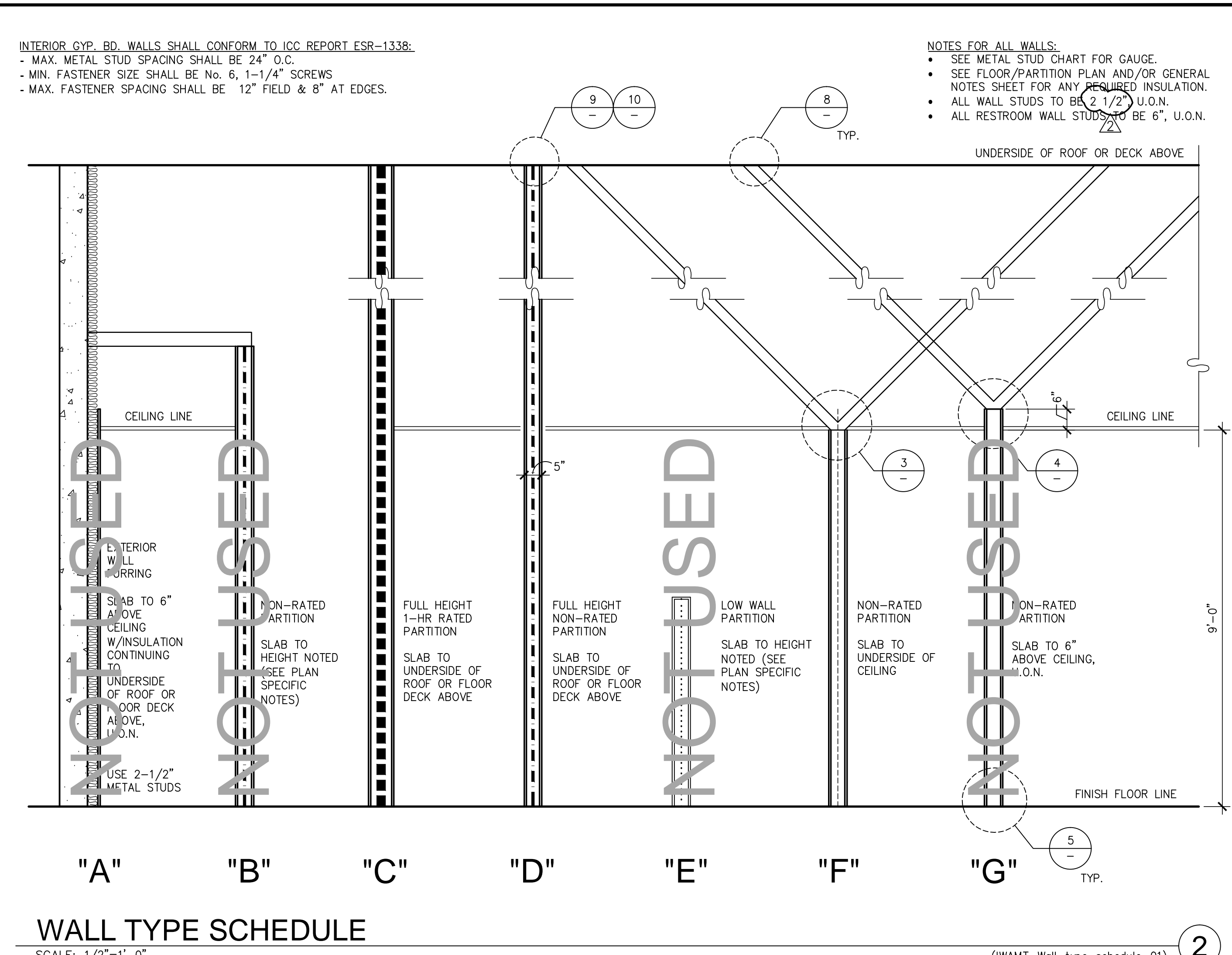
SIZE:
(EXAMPLE: STUD OR JOIST SECTION = S)
THE FOUR ALPHA CHARACTERS UTILIZED BY THE DESIGNATOR SYSTEM ARE:
S = STUD OR JOIST, T = TRACK, U = CHANNEL, F = FURRING

INTERIOR NON-STRUCTURAL COMPOSITE:

(S) STUD MEMBER	SPACING (IN.) O.C.	5 PSF L/240	(S) STUD MEMBER	SPACING (IN.) O.C.	5 PSF L/240
250S125-18	12"	11'-11"	400S125-43	12"	21'-2"
250S125-18	16"	11'-3"	400S125-43	16"	19'-5"
250S125-18	24"	10'-7"	400S125-43	24"	17'-2"
250S125-33	12"	13'-11"	400S125-54 (50 KSI)	12"	22'-11"
250S125-33	16"	12'-10"	400S125-54 (50 KSI)	16"	21'-1"
250S125-33	24"	11'-7"	400S125-54 (50 KSI)	24"	18'-10"
250S125-43	12"	15'-9"	400S125-68 (50 KSI)	12"	25'-0"
250S125-43	16"	14'-9"	400S125-68 (50 KSI)	16"	23'-1"
250S125-43	24"	13'-6"	400S125-68 (50 KSI)	24"	20'-9"
362S125-18	12"	15'-4"	600S125-18	12"	22'-1"
362S125-18	16"	14'-4"	600S125-18	16"	19'-9"
362S125-18	24"	13'-5"	600S125-18	24"	16'-9"
362S125-33	12"	17'-10"	600S125-33	12"	26'-9"
362S125-33	16"	16'-5"	600S125-33	16"	24'-6"
362S125-33	24"	14'-9"	600S125-33	24"	21'-7"
362S125-43	12"	19'-7"	600S125-43	12"	30'-7"
362S125-43	16"	18'-0"	600S125-43	16"	28'-3"
362S125-43	24"	16'-3"	600S125-43	24"	25'-7"
362S125-54 (50 KSI)	12"	21'-2"	600S125-54 (50 KSI)	12"	32'-6"
362S125-54 (50 KSI)	16"	19'-7"	600S125-54 (50 KSI)	16"	30'-0"
362S125-54 (50 KSI)	24"	17'-8"	600S125-54 (50 KSI)	24"	27'-0"
362S125-68 (50 KSI)	12"	17'-10"	600S125-68 (50 KSI)	12"	34'-8"
362S125-68 (50 KSI)	16"	20'-0"	600S125-68 (50 KSI)	16"	32'-0"
362S125-68 (50 KSI)	24"	17'-8"	600S125-68 (50 KSI)	24"	28'-9"
400S125-18	12"	16'-5"	800S125-43	12"	37'-6"
400S125-18	16"	15'-4"	800S125-43	16"	34'-4"
400S125-18	24"	14'-2"	800S125-43	24"	30'-6"
400S125-33	12"	19'-11"	800S125-54 (50 KSI)	12"	40'-0"
400S125-33	16"	18'-4"	800S125-54 (50 KSI)	16"	36'-8"
400S125-33	24"	16'-5"	800S125-54 (50 KSI)	24"	32'-6"
400S125-43	12"	23'-1"	800S125-68 (50 KSI)	12"	43'-4"
400S125-43	16"	21'-9"	800S125-68 (50 KSI)	16"	39'-9"
400S125-43	24"	19'-5"	800S125-68 (50 KSI)	24"	35'-5"

NOTE: ALL STUD INFORMATION IS BASED ON STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) ICC/IBR-4943P

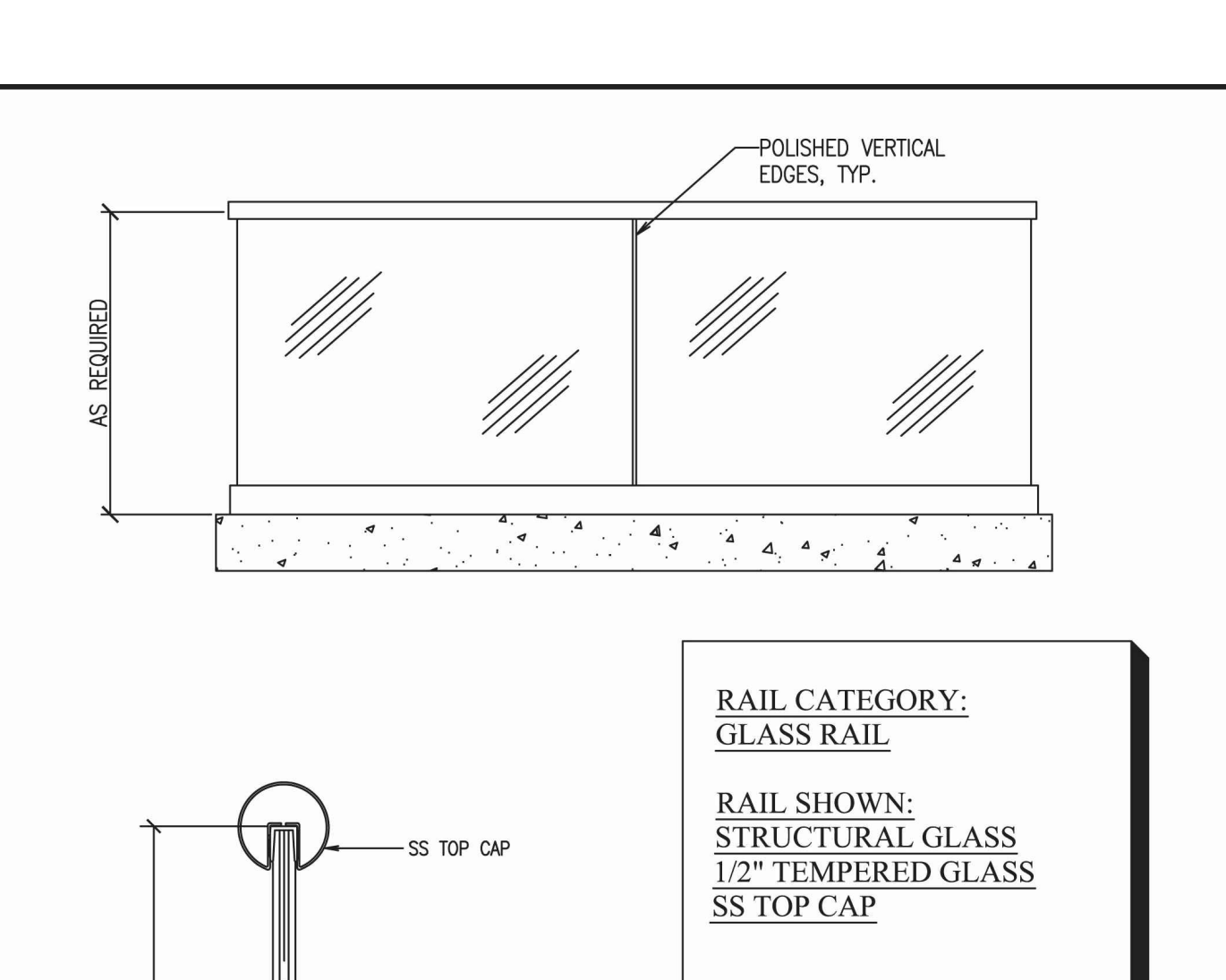
LIMITING WALL HEIGHT TABLE-L/240
SCALE: NONE



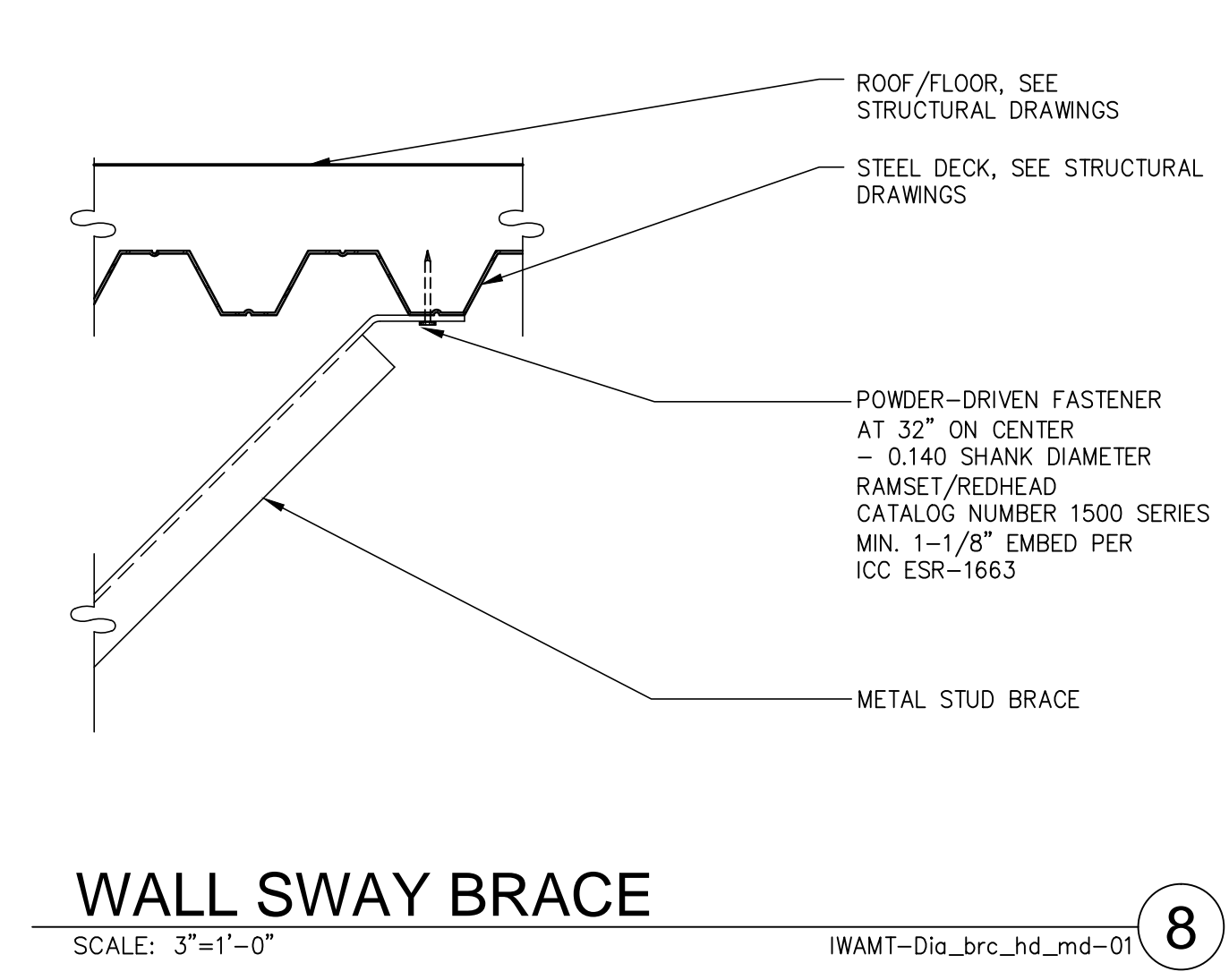
WALL TYPE SCHEDULE
SCALE: 1/2"=1'-0"



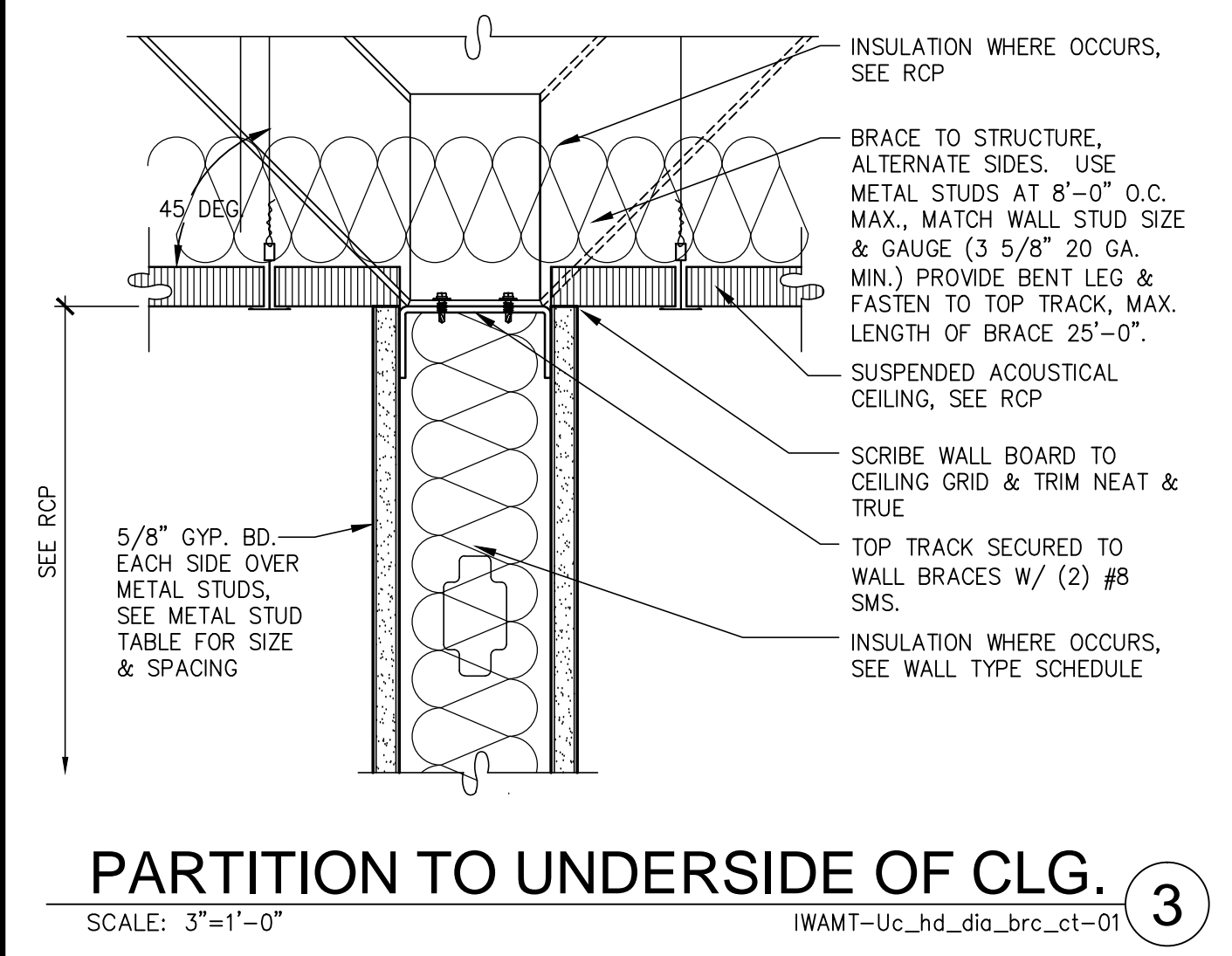
ARCHITECTURAL RAILING DETAIL
SCALE: N.T.S.



WALL SWAY BRACE
SCALE: 3"=1'-0"



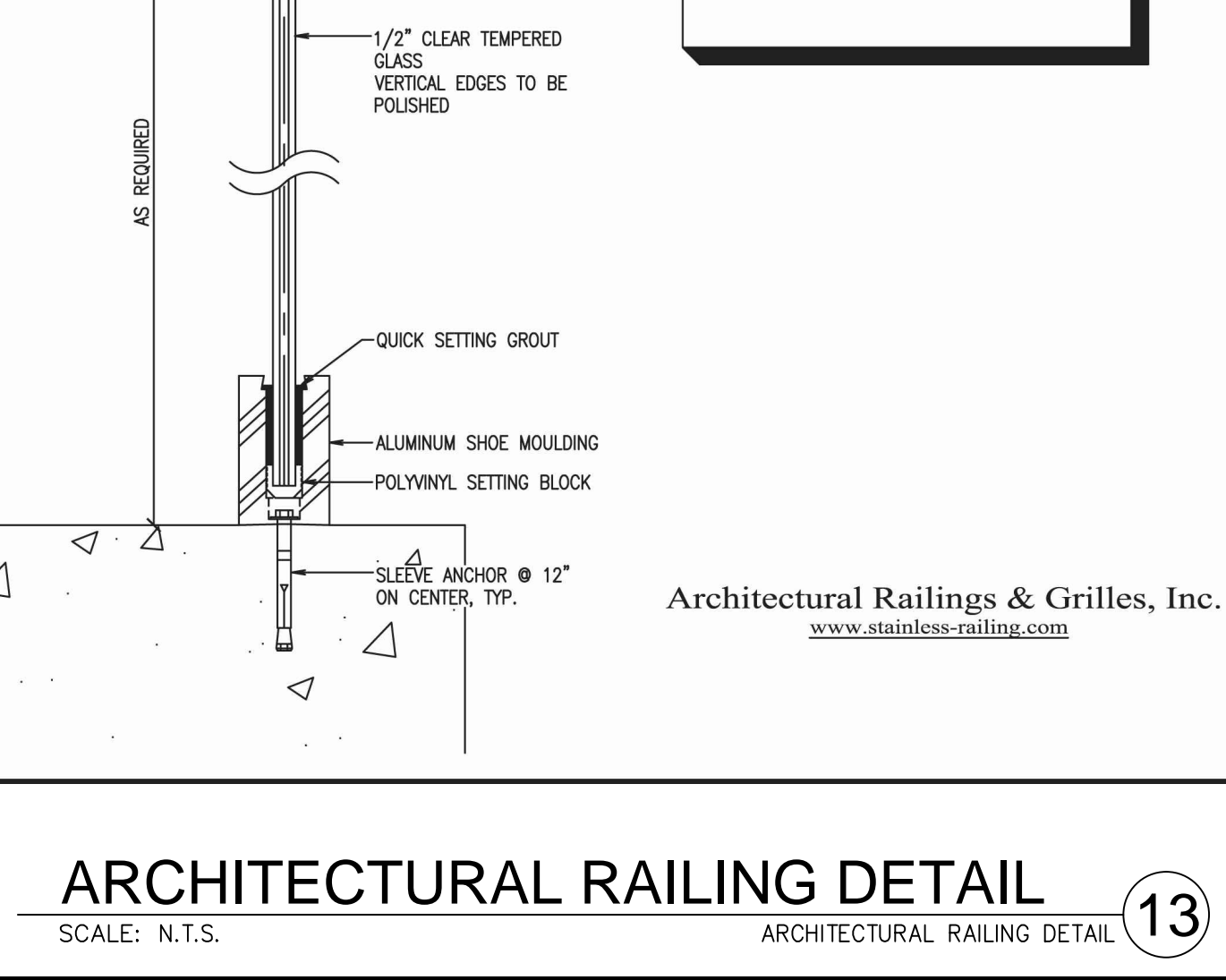
PARTITION TO UNDERSIDE OF CLG.
SCALE: 3"=1'-0"



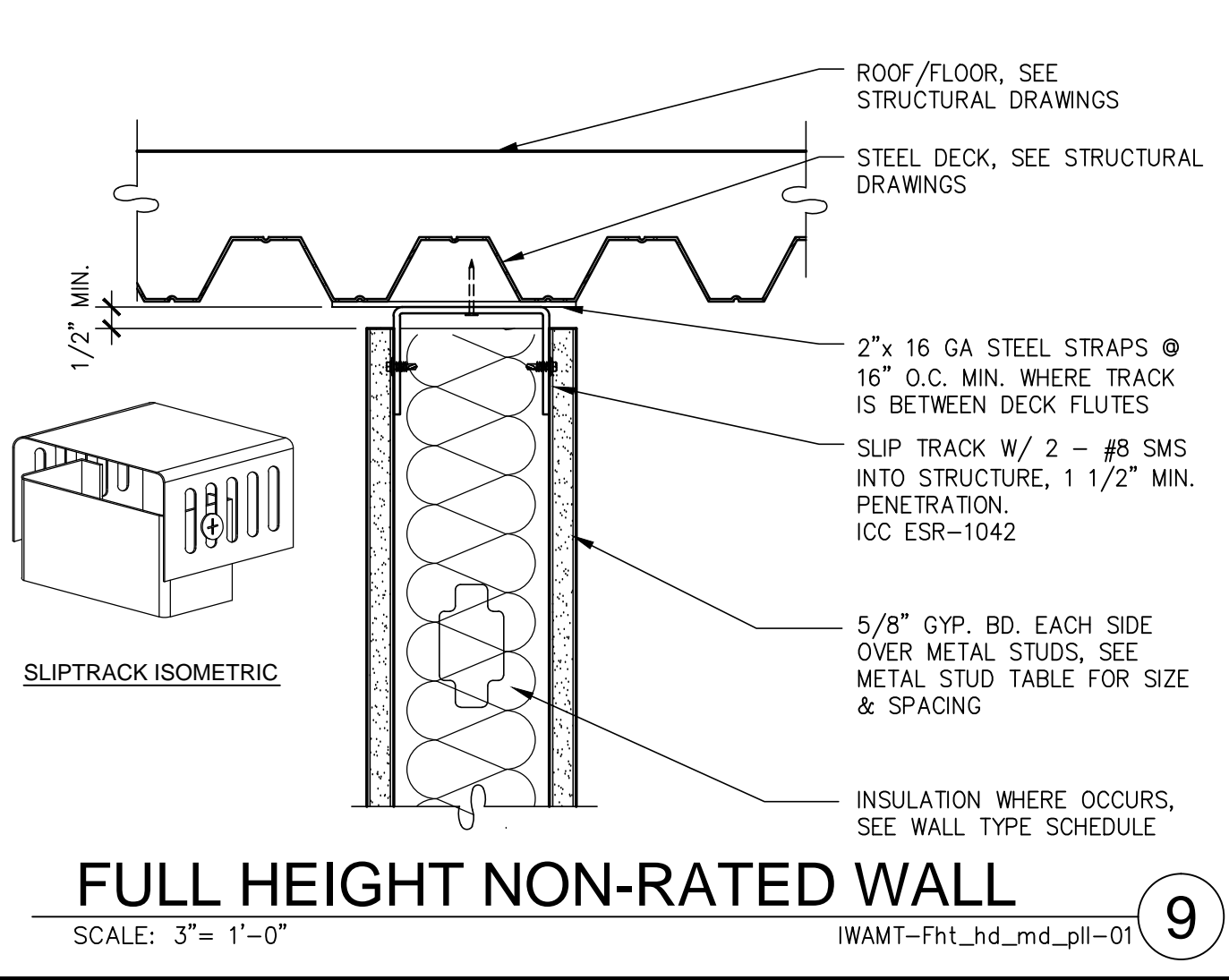
PARTITION TO 6" ABOVE CEILING
SCALE: 3"=1'-0"



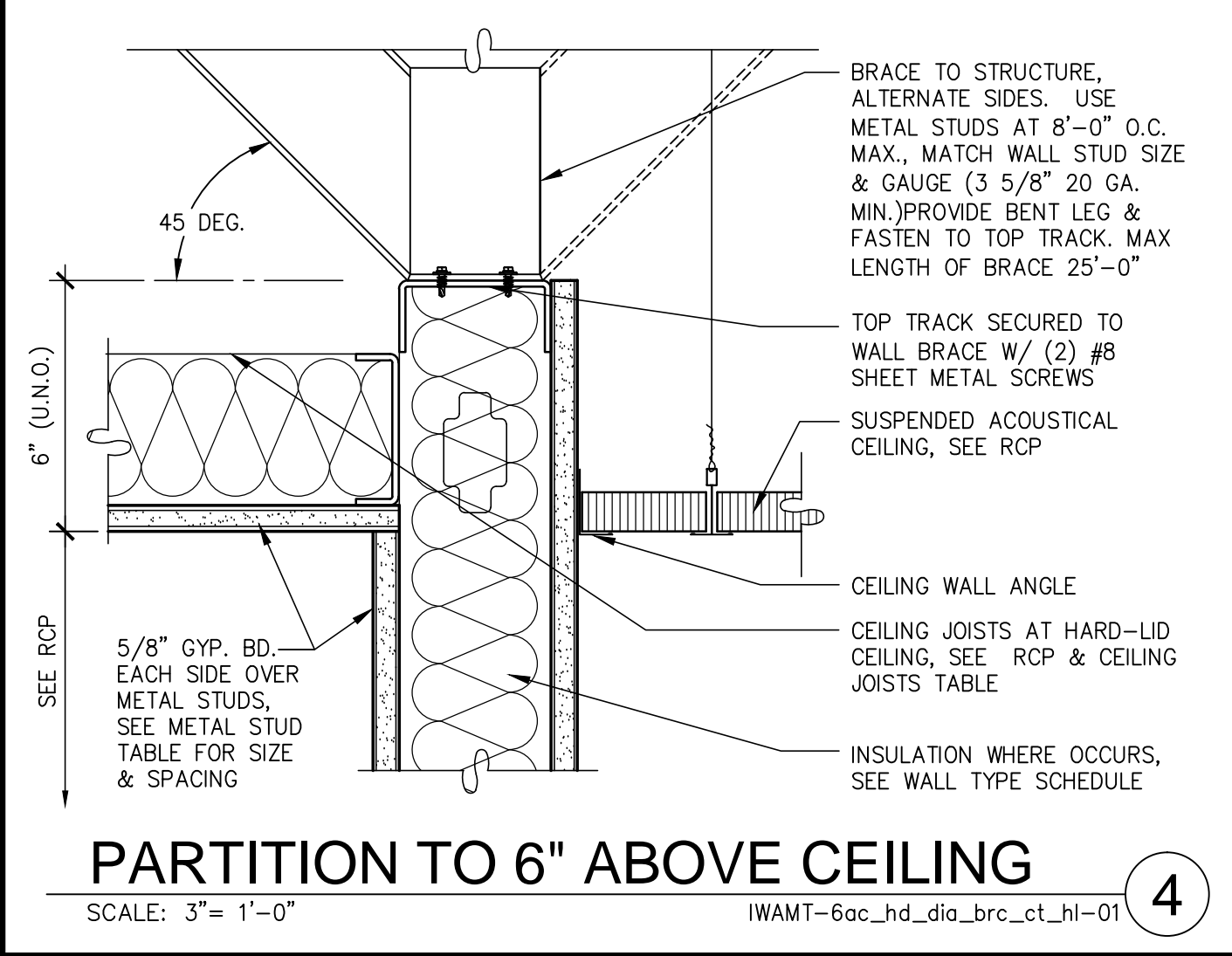
FULL HEIGHT NON-RATED WALL
SCALE: 3"=1'-0"



PARTITION TO 6" ABOVE CEILING
SCALE: 3"=1'-0"



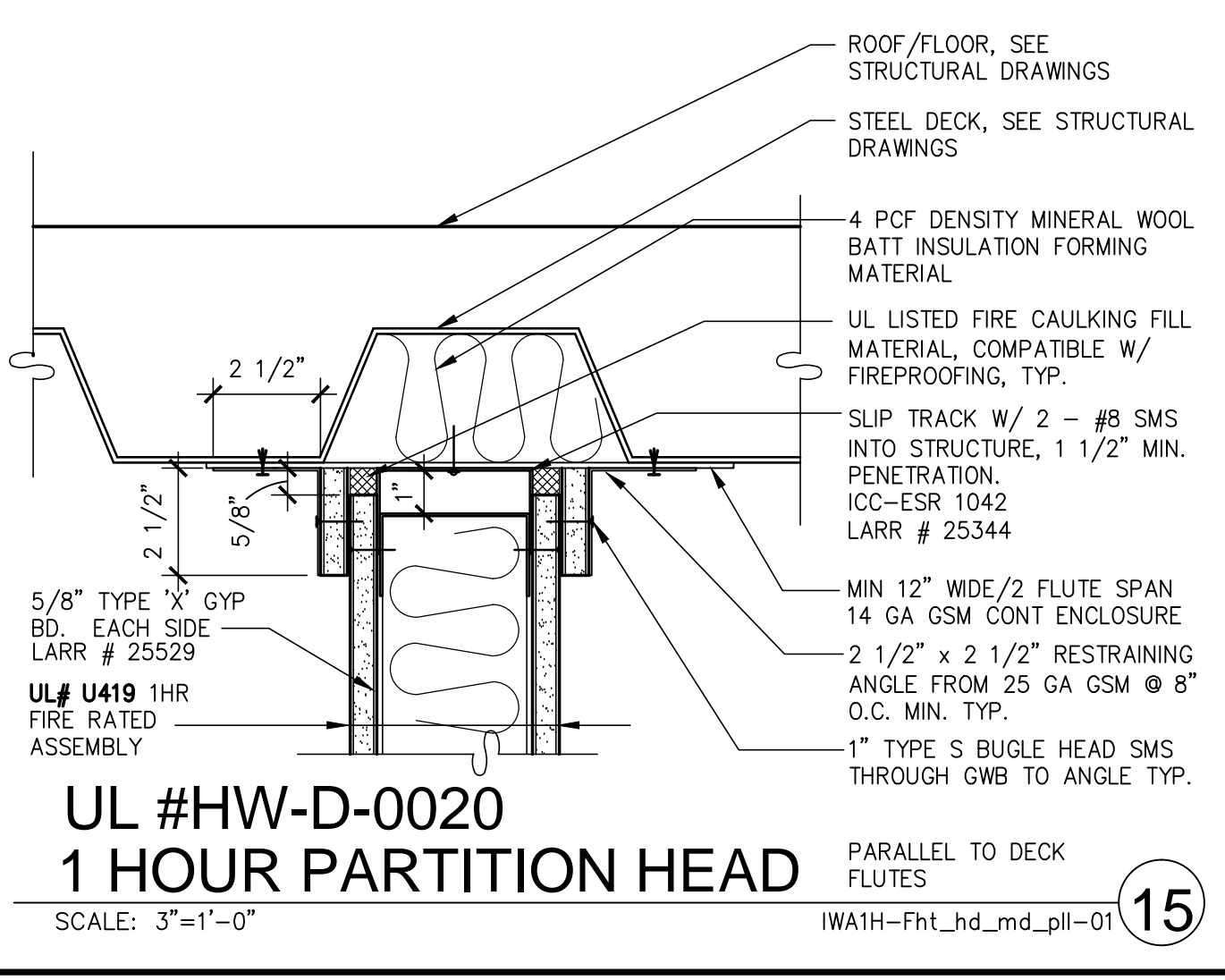
FULL HEIGHT NON-RATED WALL
SCALE: 3"=1'-0"



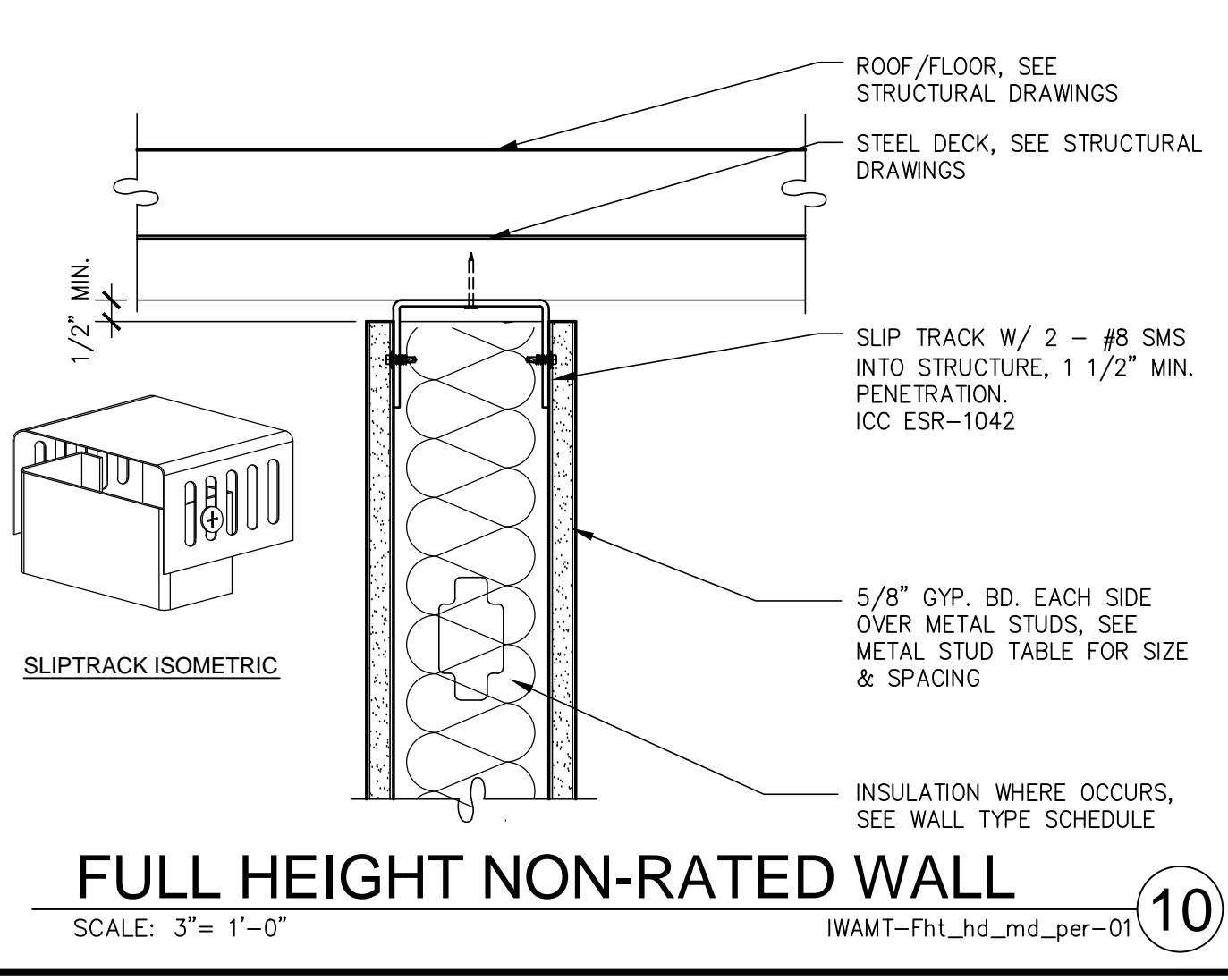
WALL BASE
SCALE: 3"=1'-0"



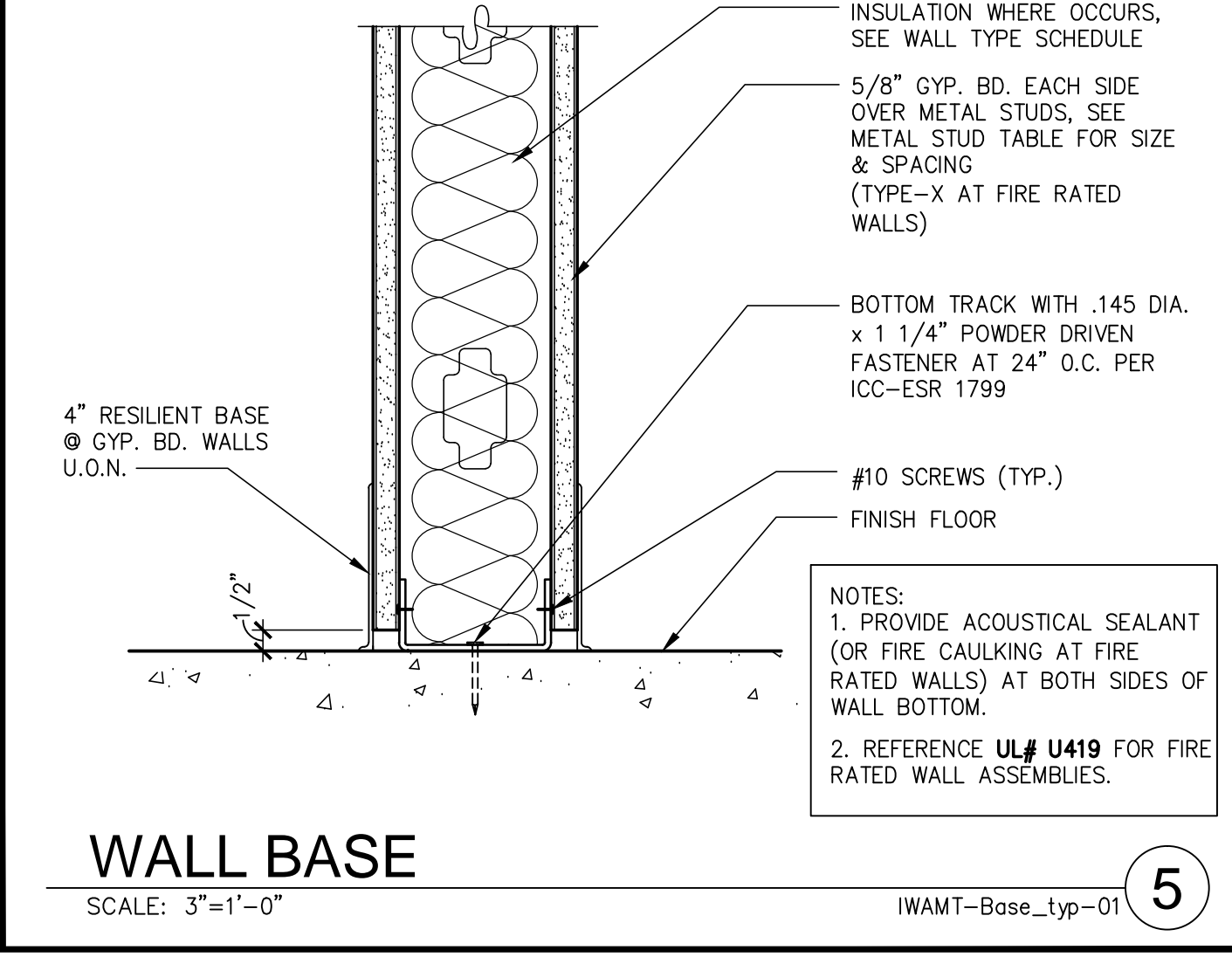
UL #HW-D-0020
1 HOUR PARTITION HEAD
SCALE: 3"=1'-0"



FULL HEIGHT NON-RATED WALL
SCALE: 3"=1'-0"



FULL HEIGHT NON-RATED WALL
SCALE: 3"=1'-0"



WALL BASE
SCALE: 3"=1'-0"

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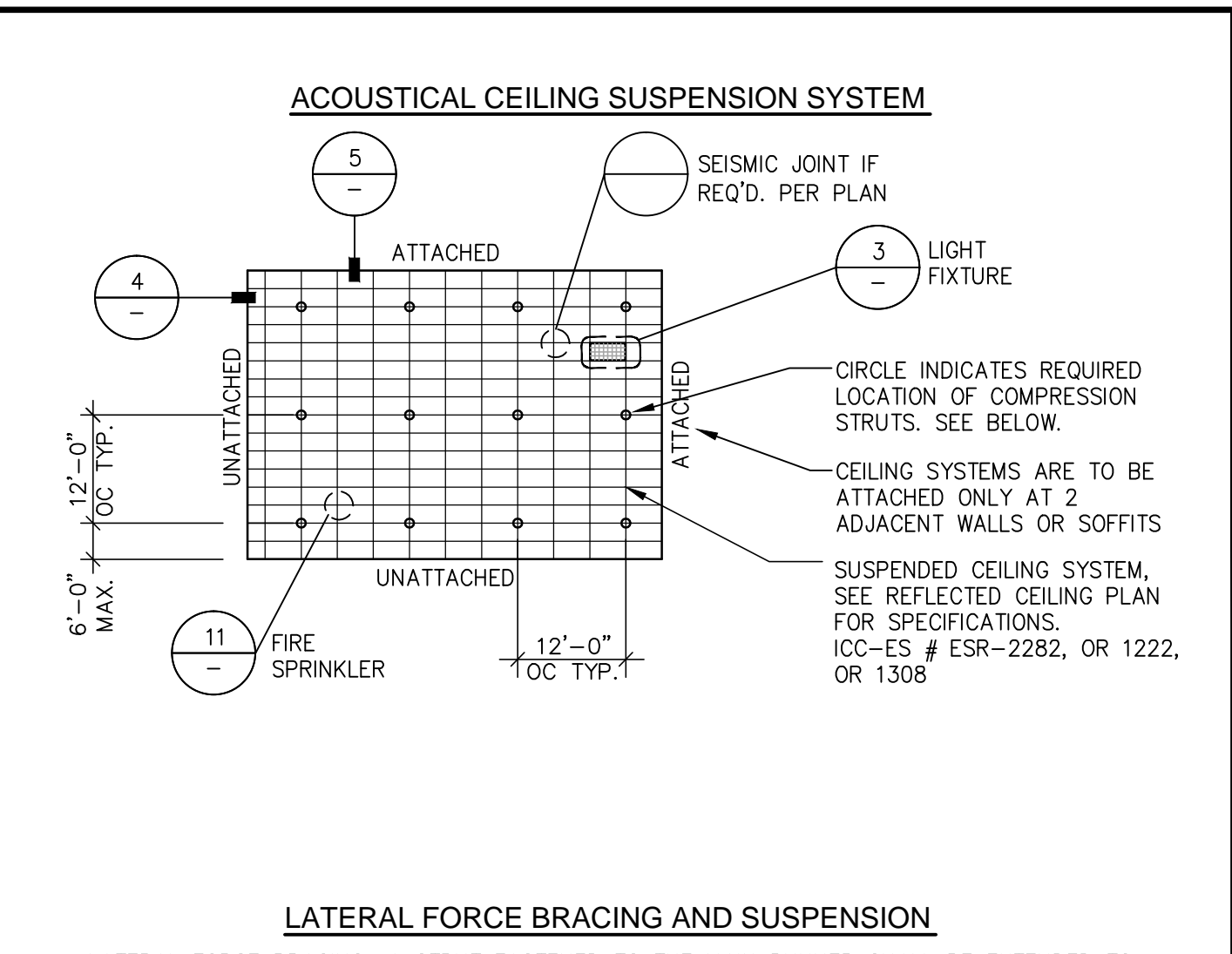
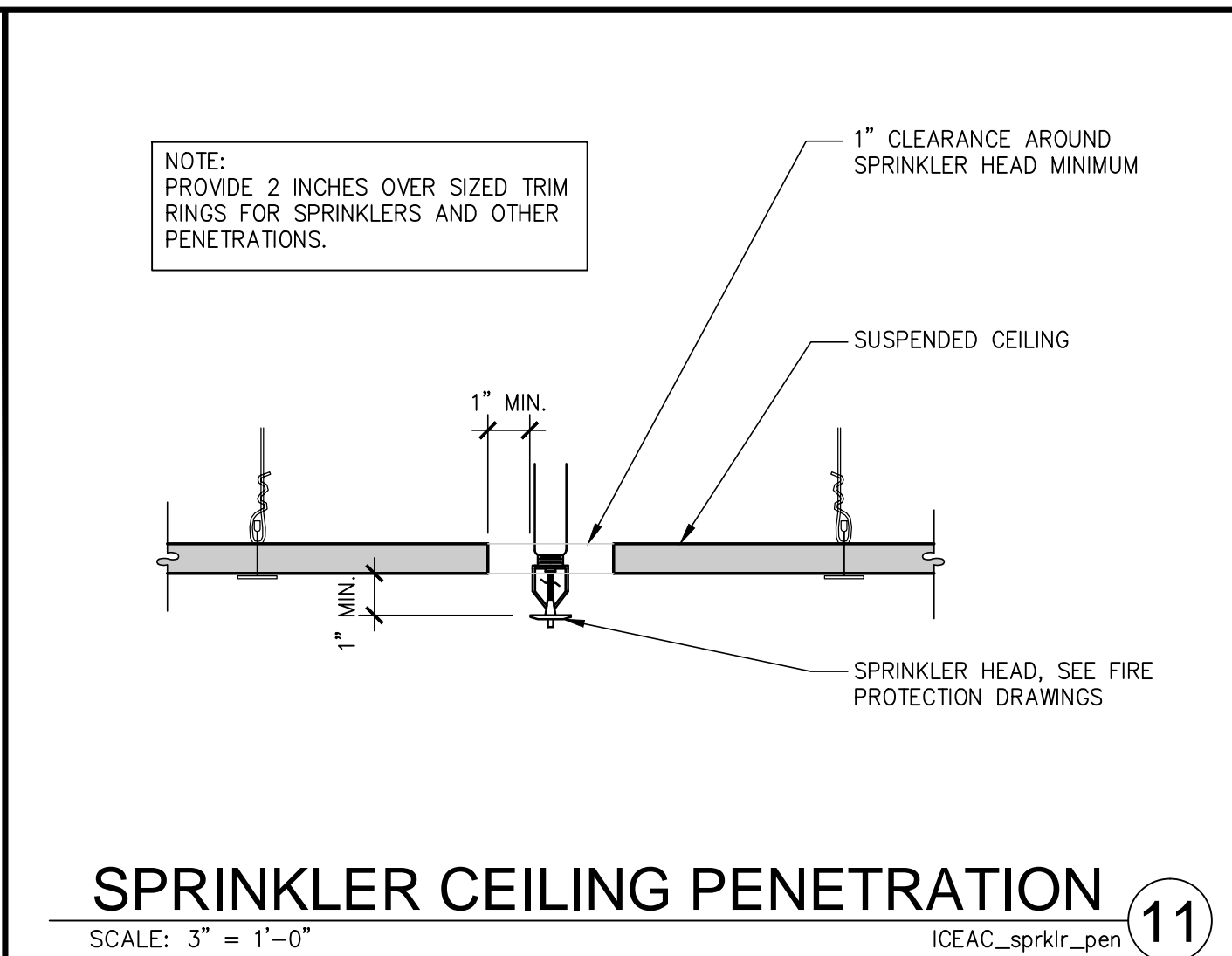
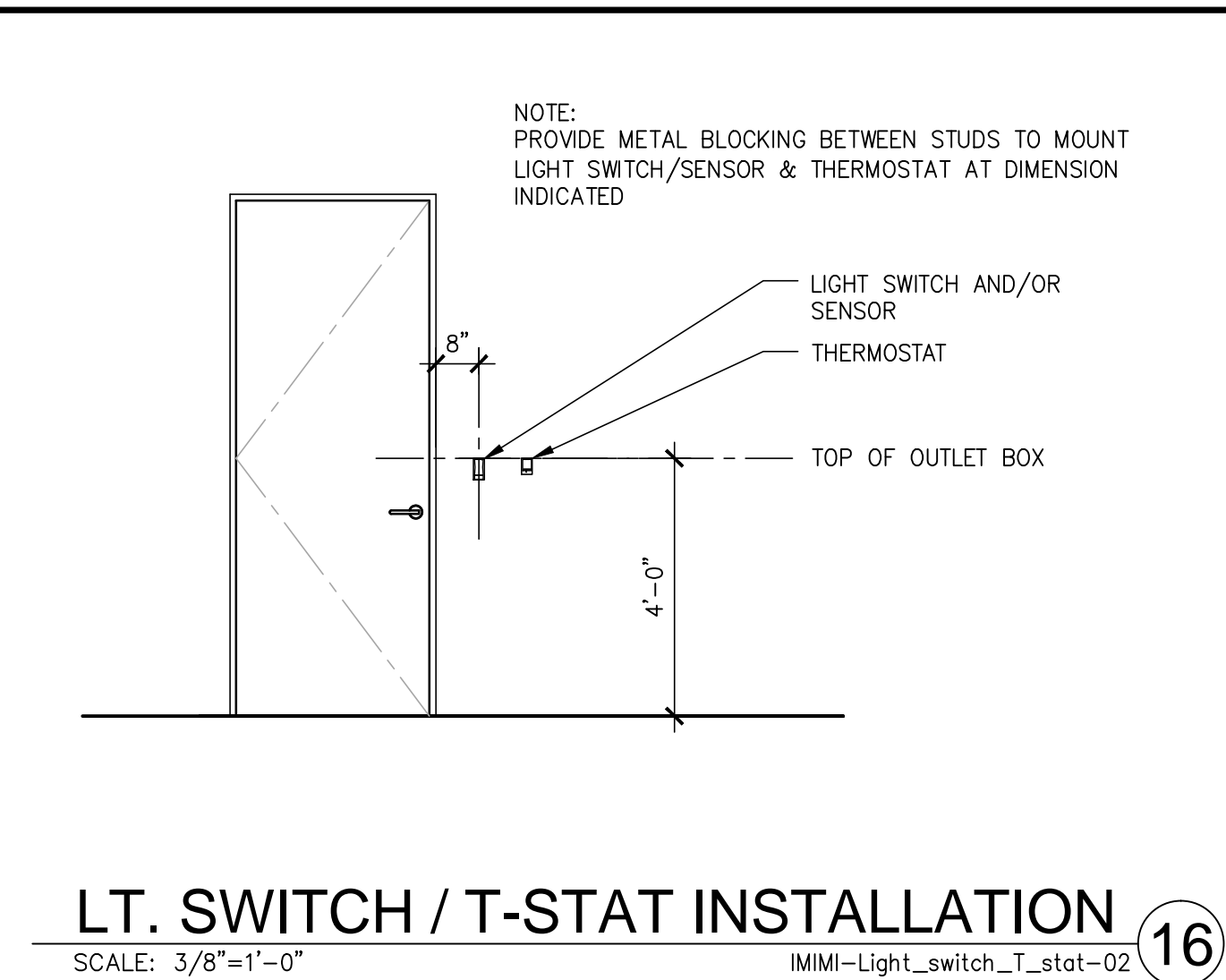
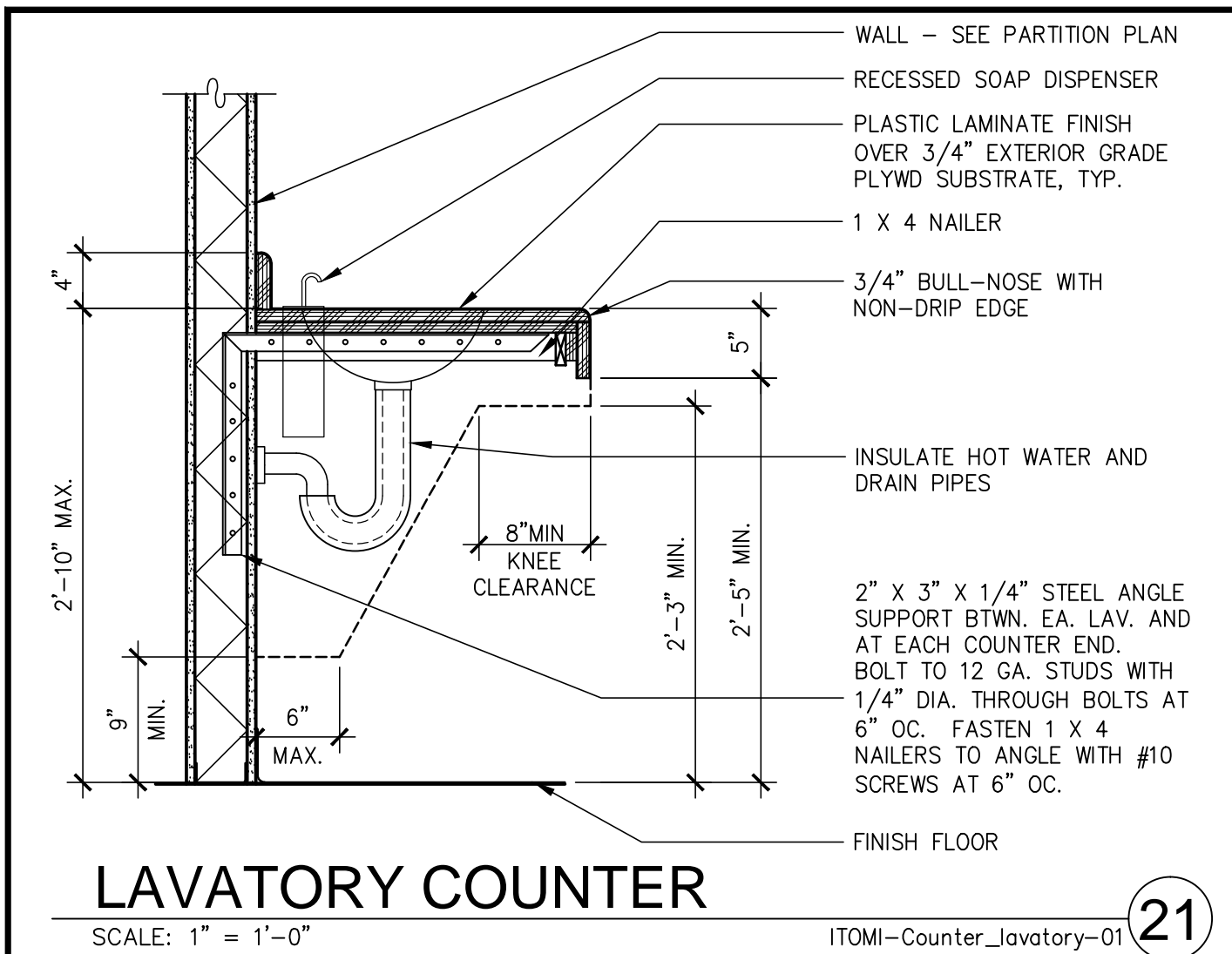
WALL & MISCELLANEOUS DETAILS

DATE	REVISIONS
2011.09.09	PLAN CHECK
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

PA / PM: TENGLESH
DRAWN BY: KS
JOB NO.: SD011-6064-00

A8.1

ISSUE FOR CONSTRUCTION



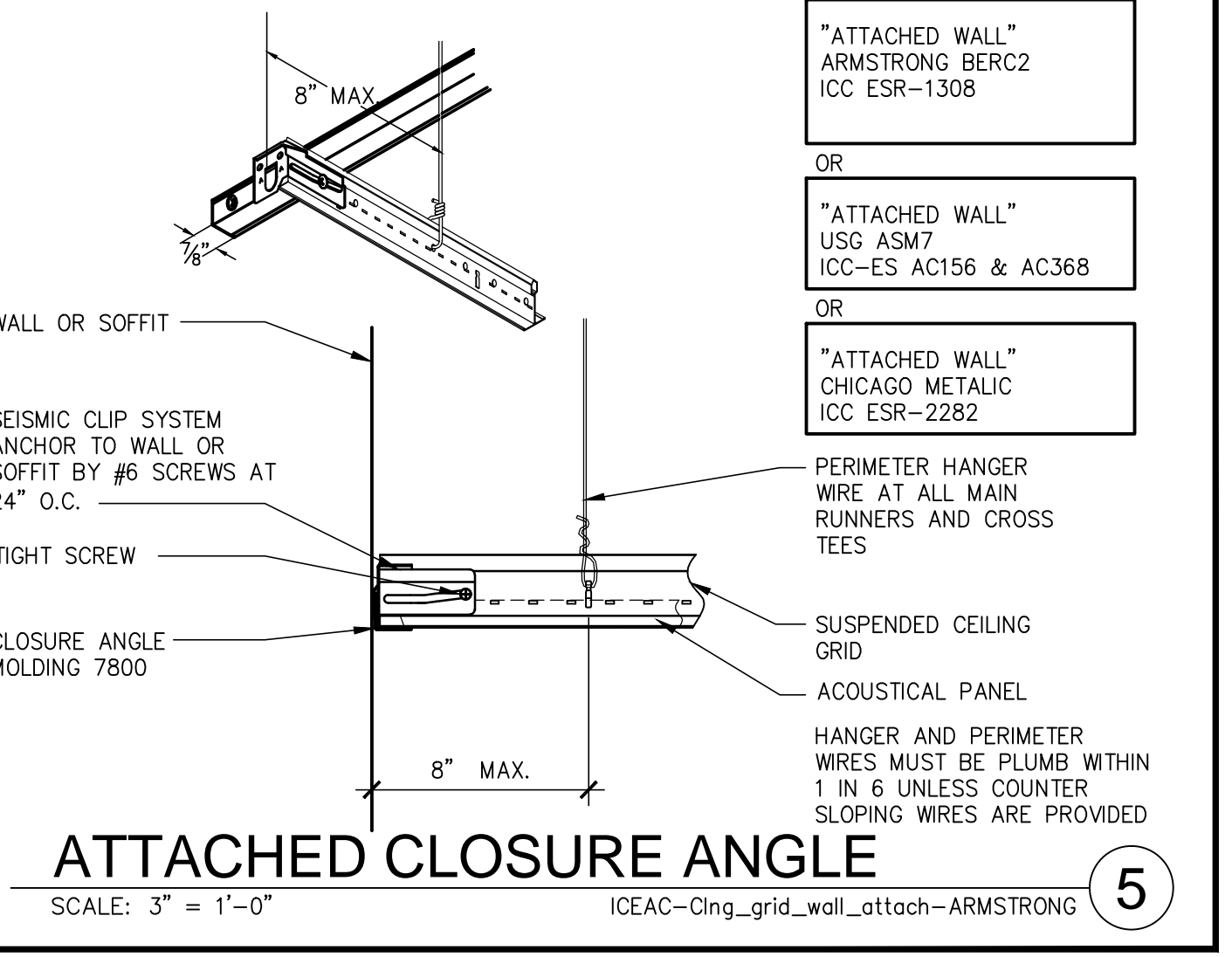
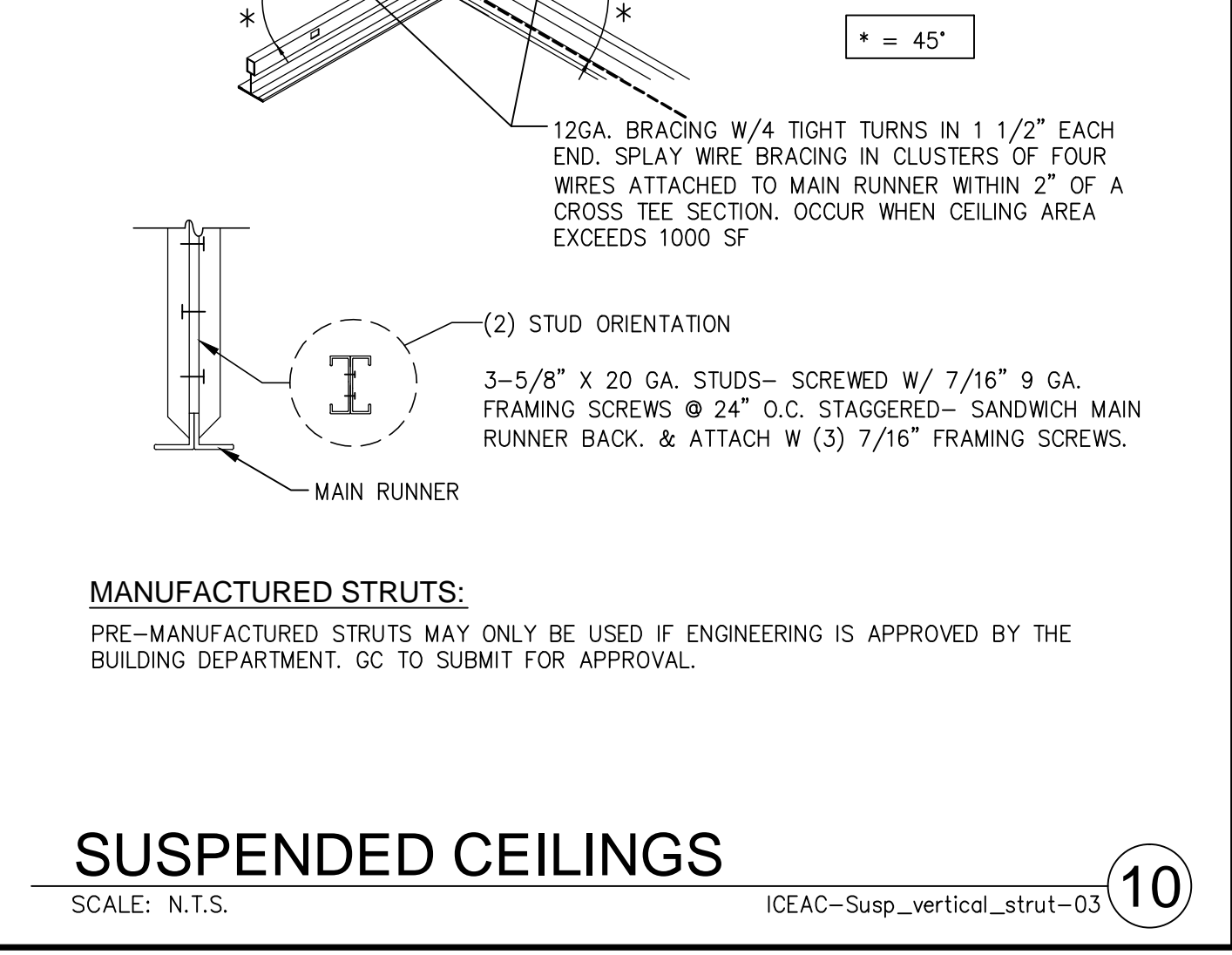
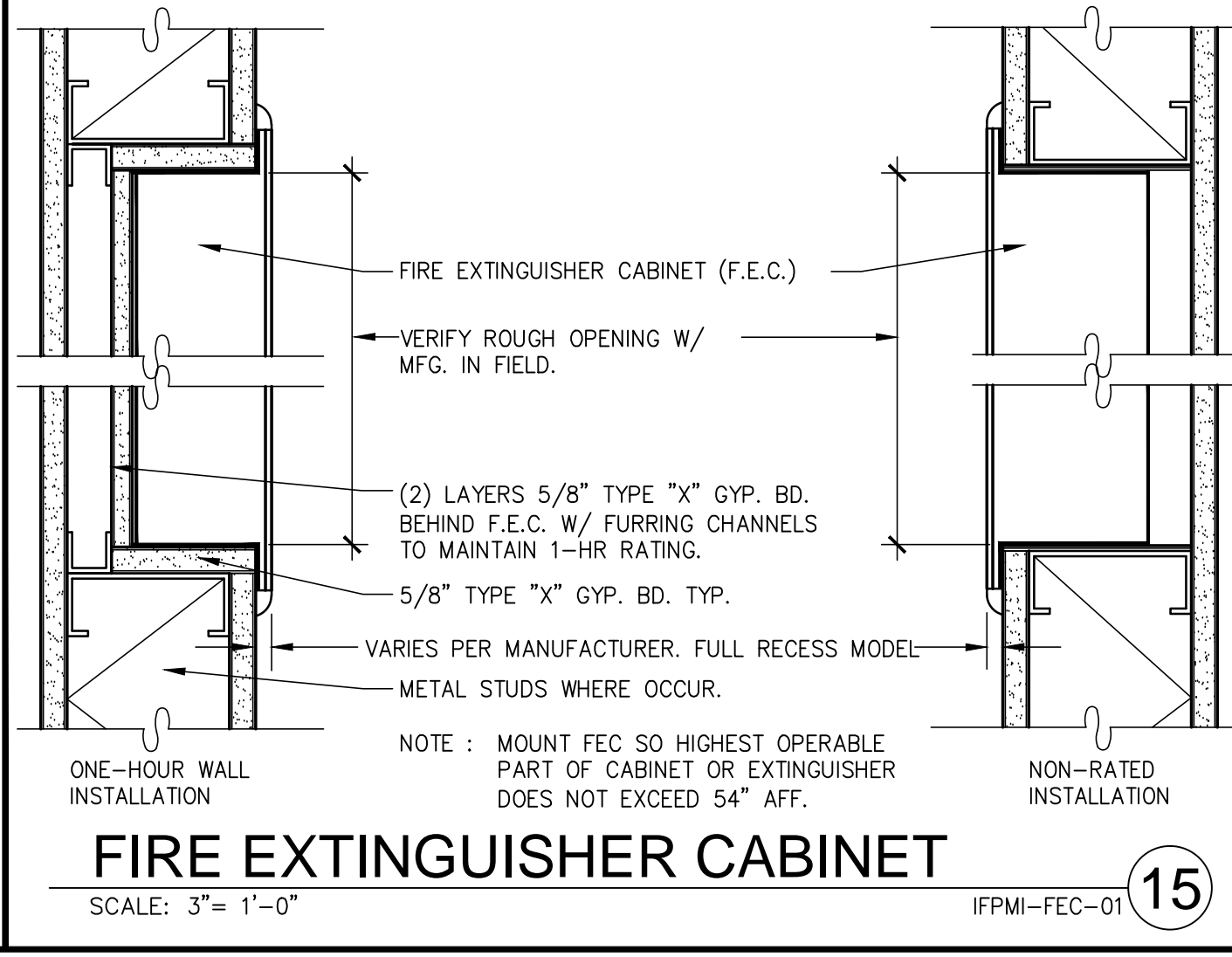
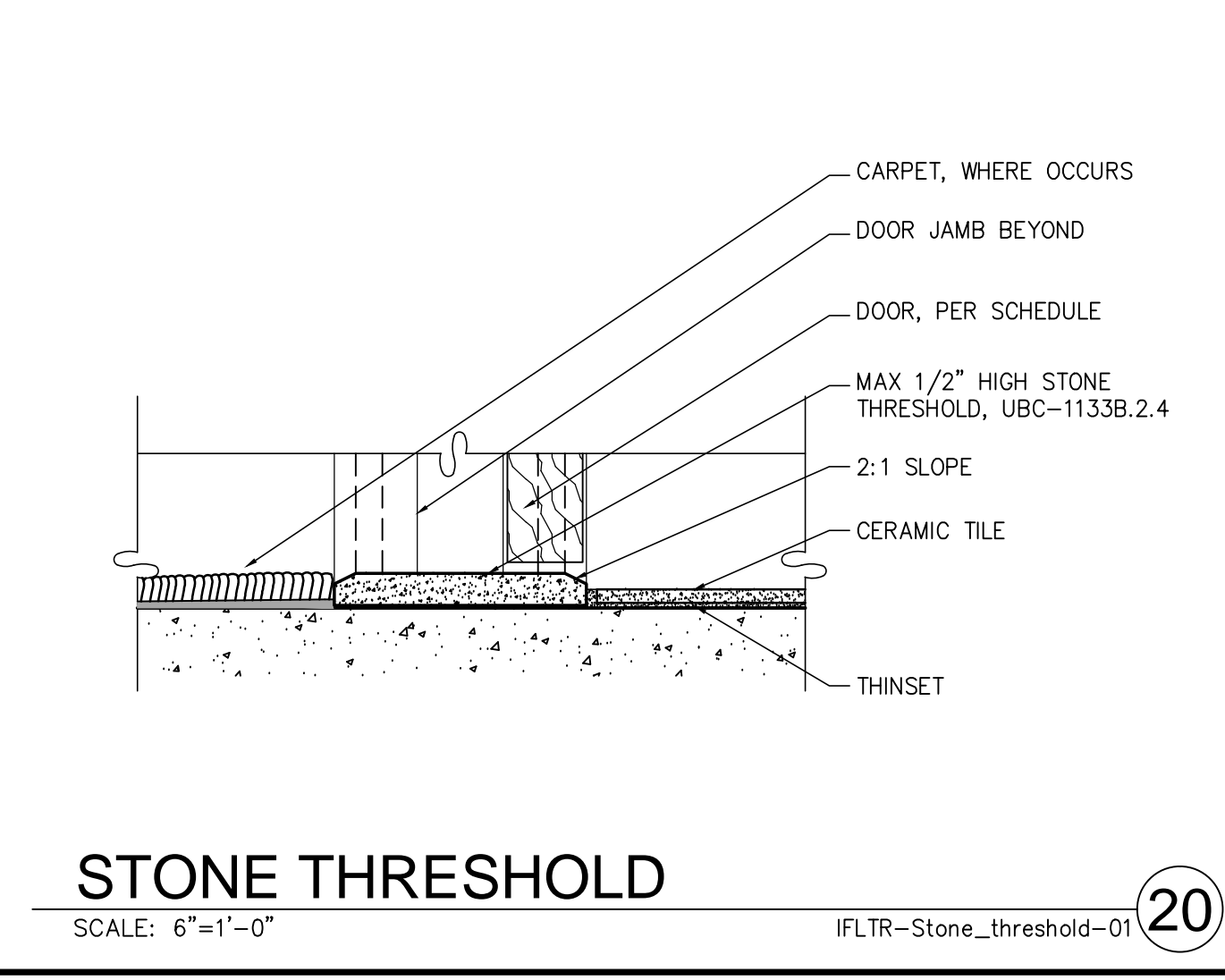
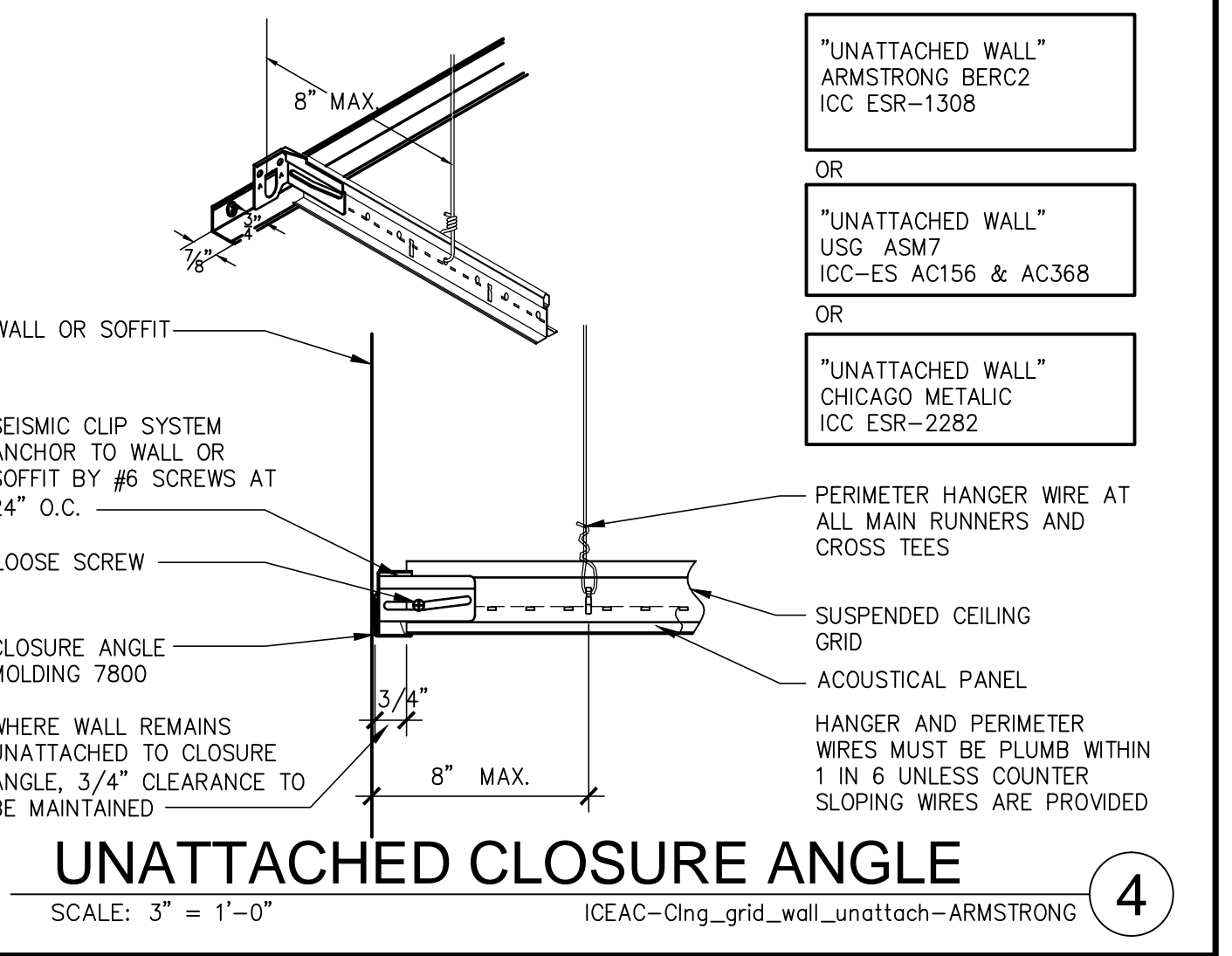
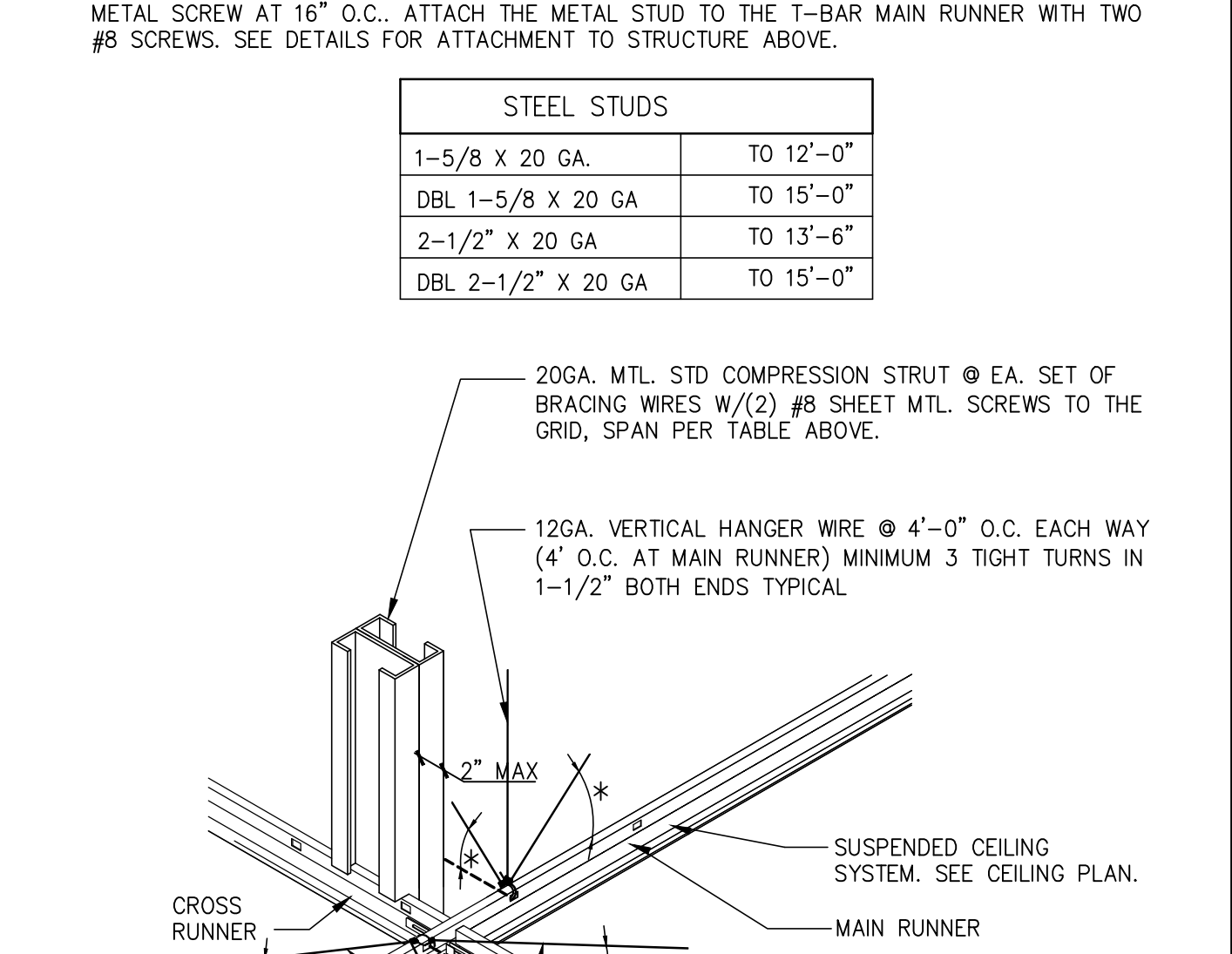
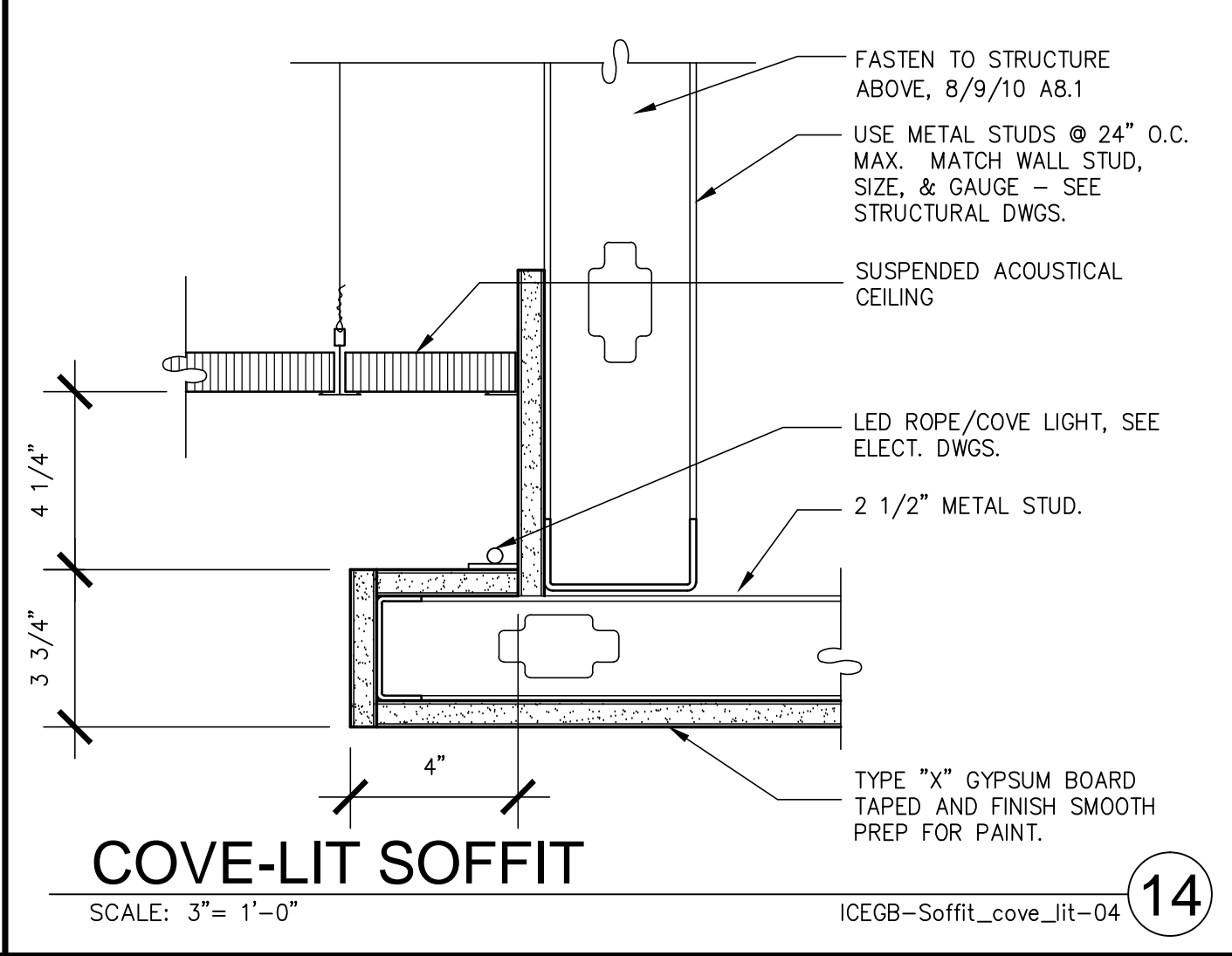
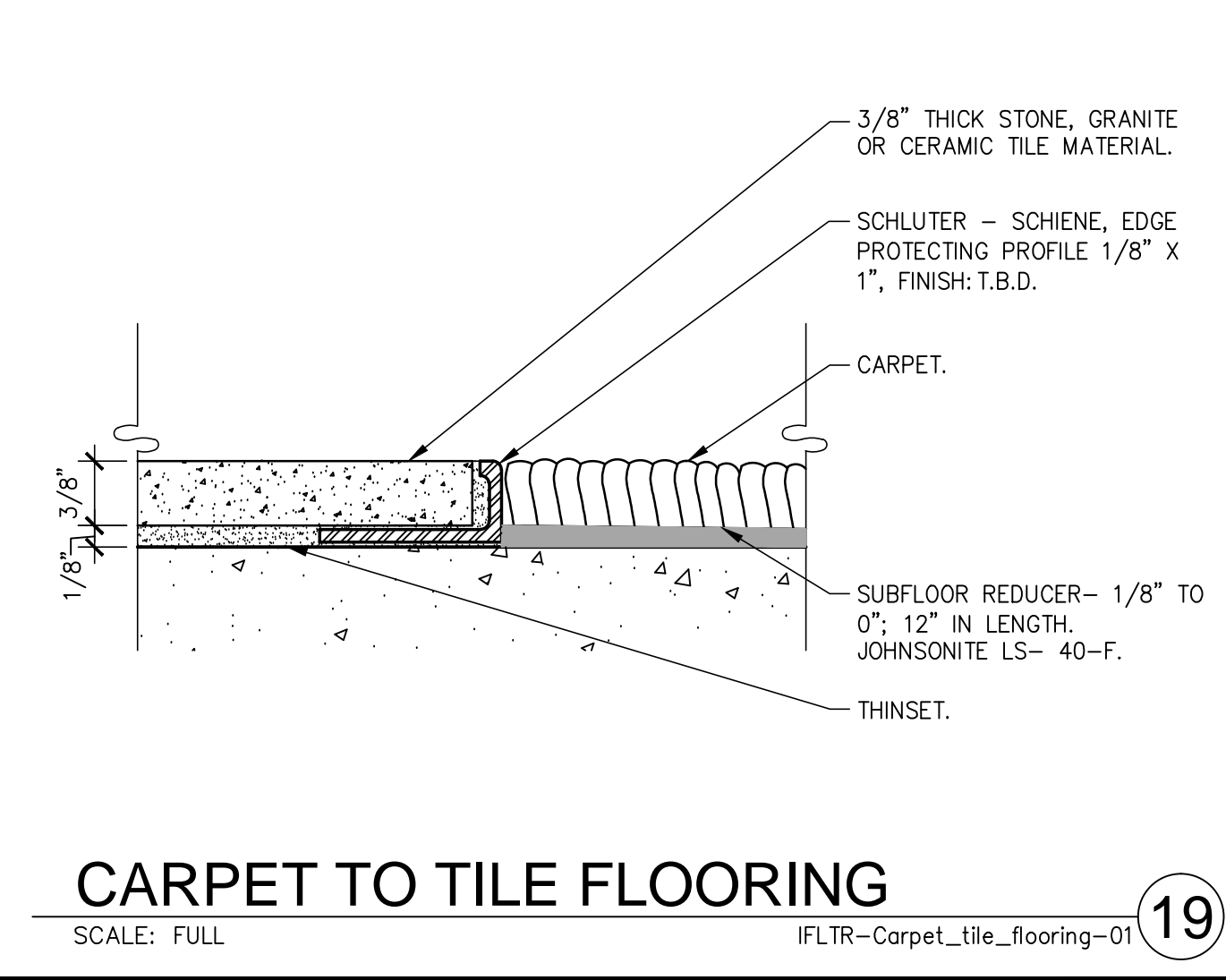
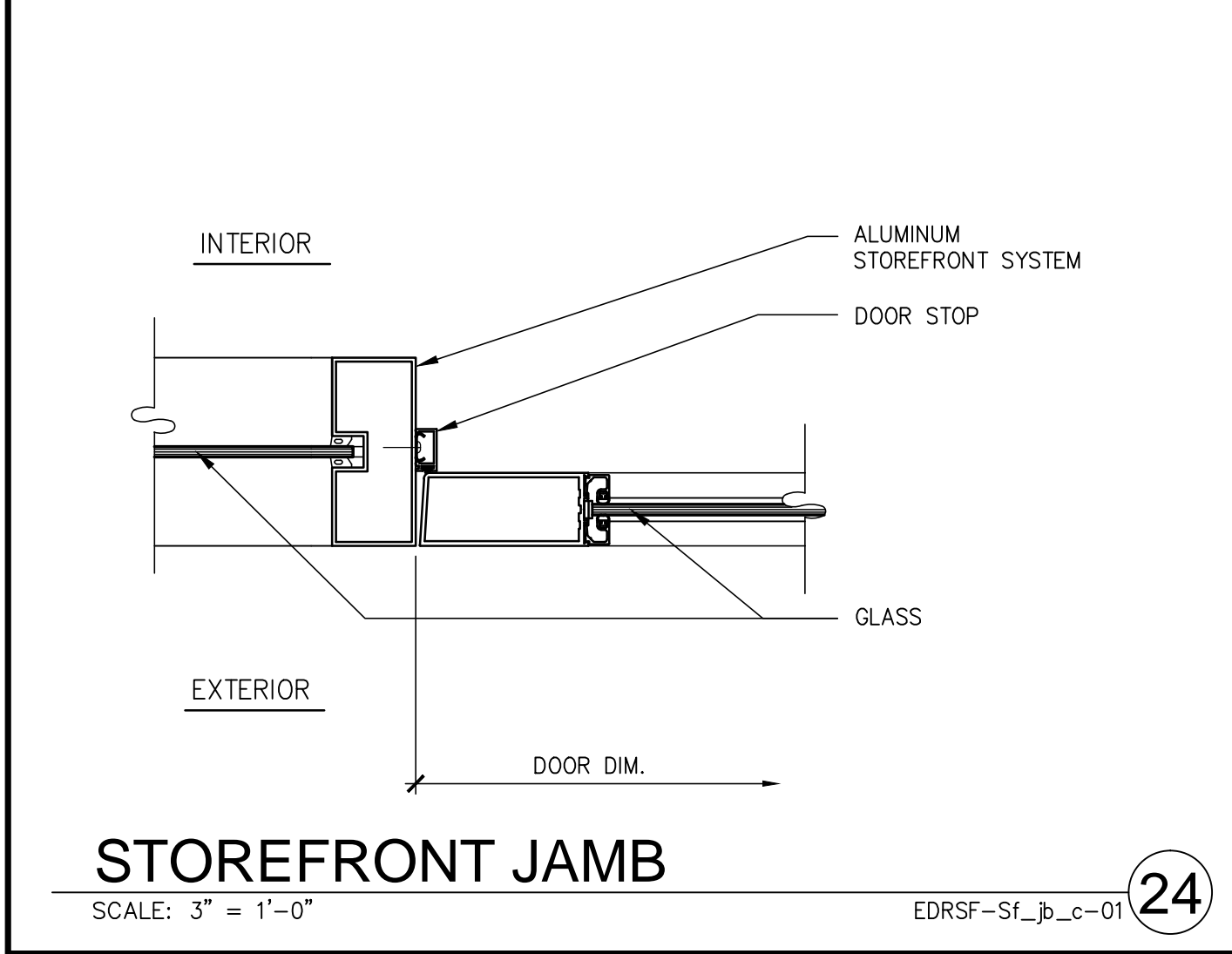
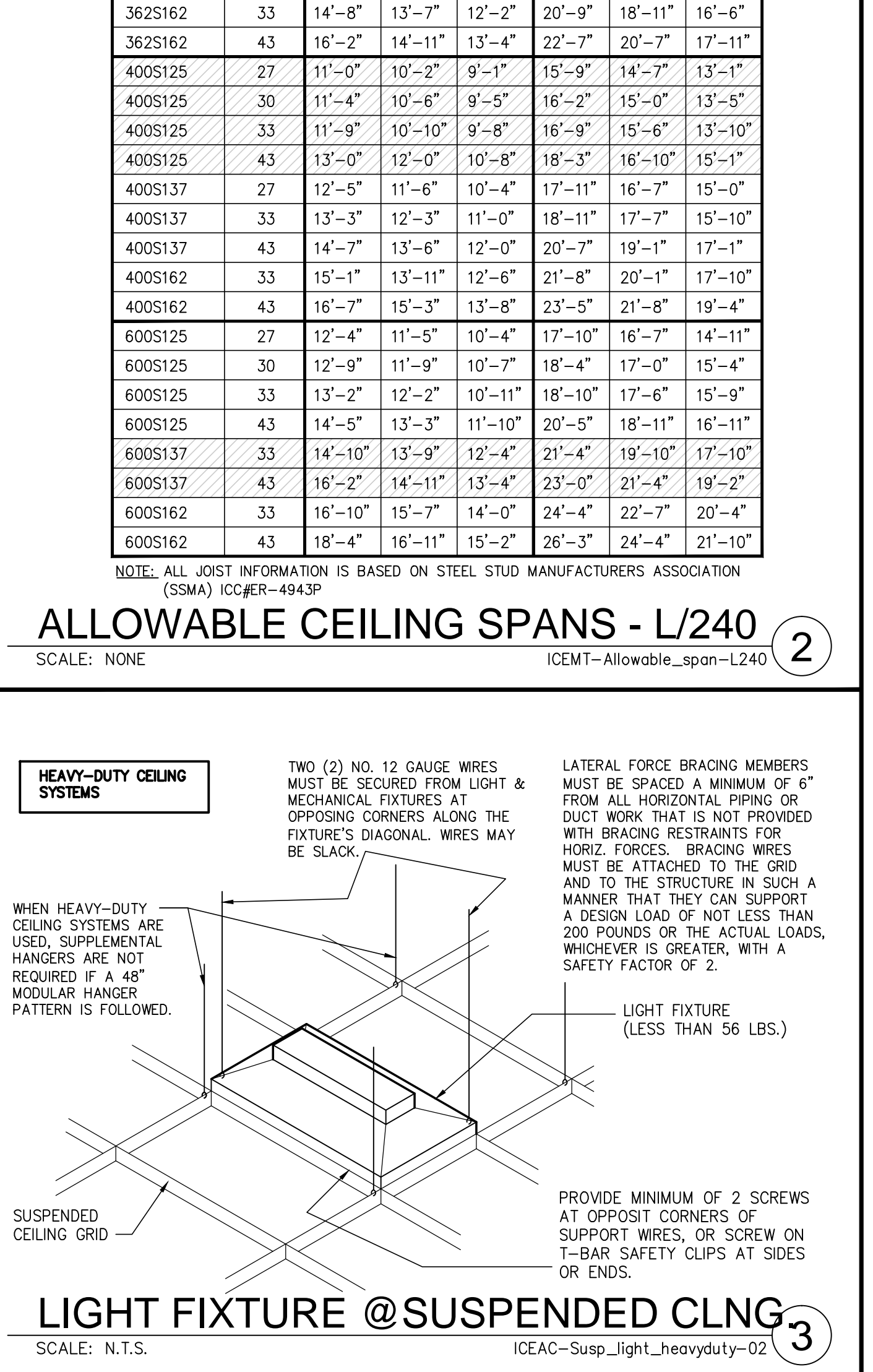
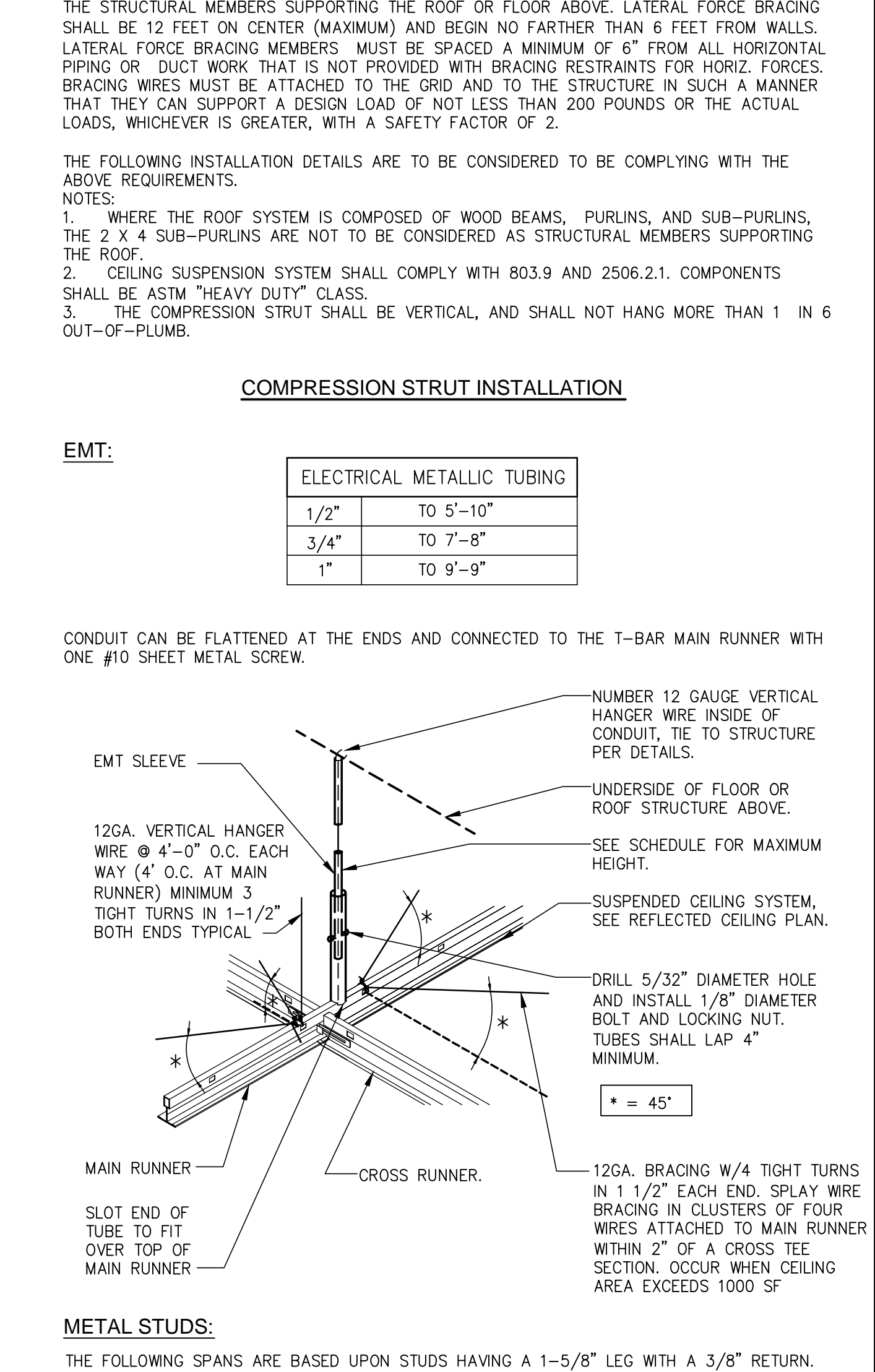
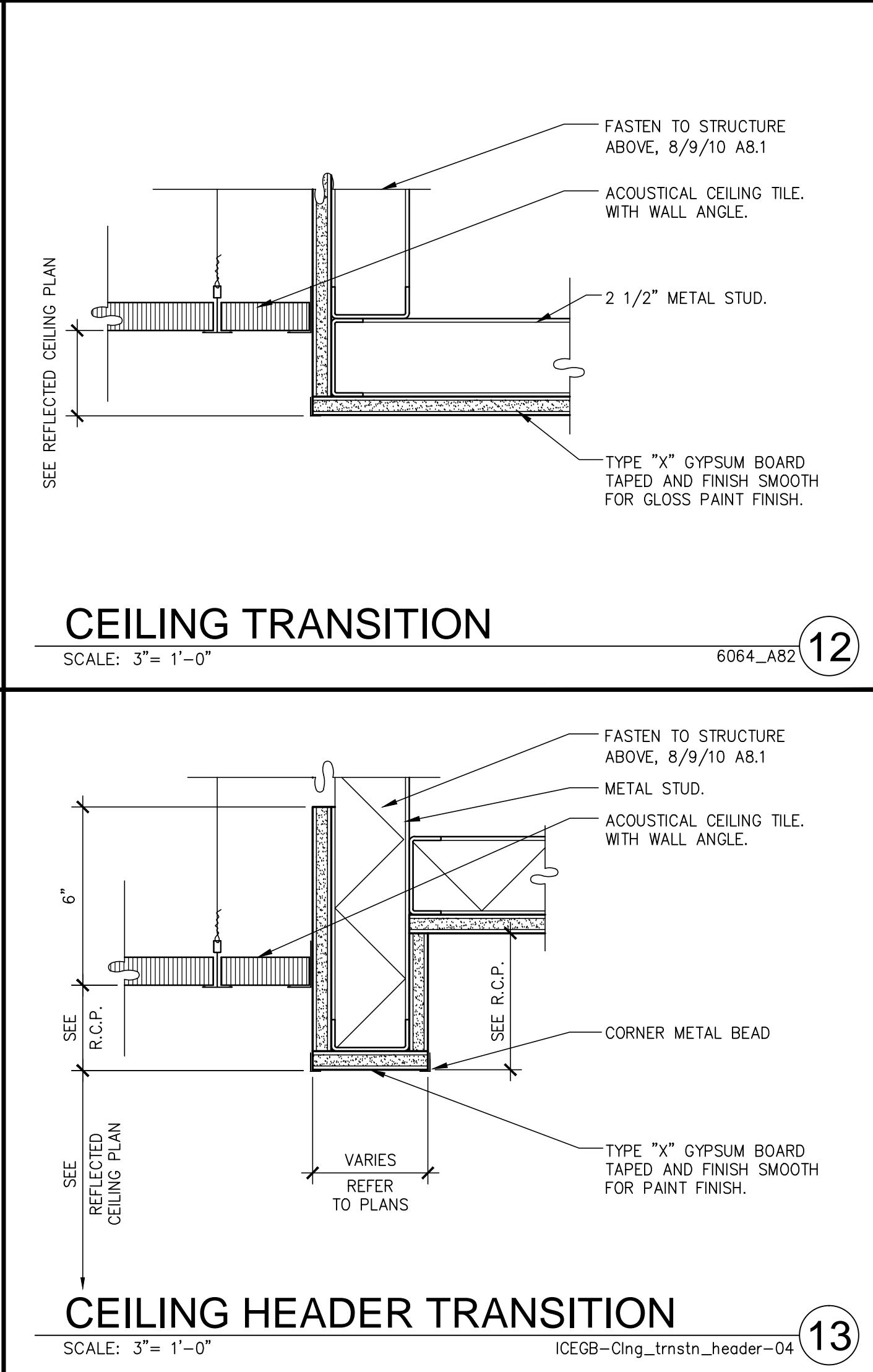
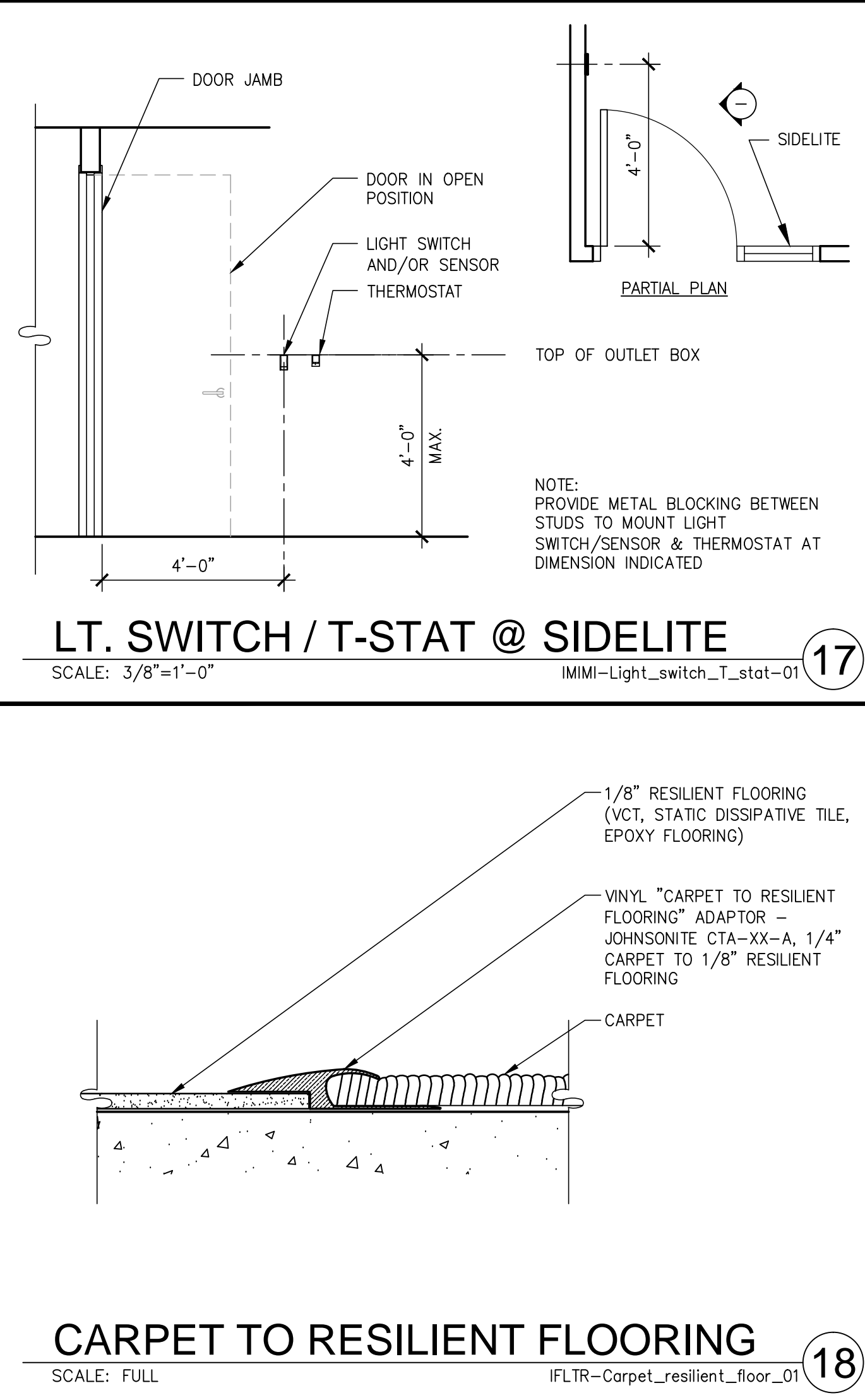
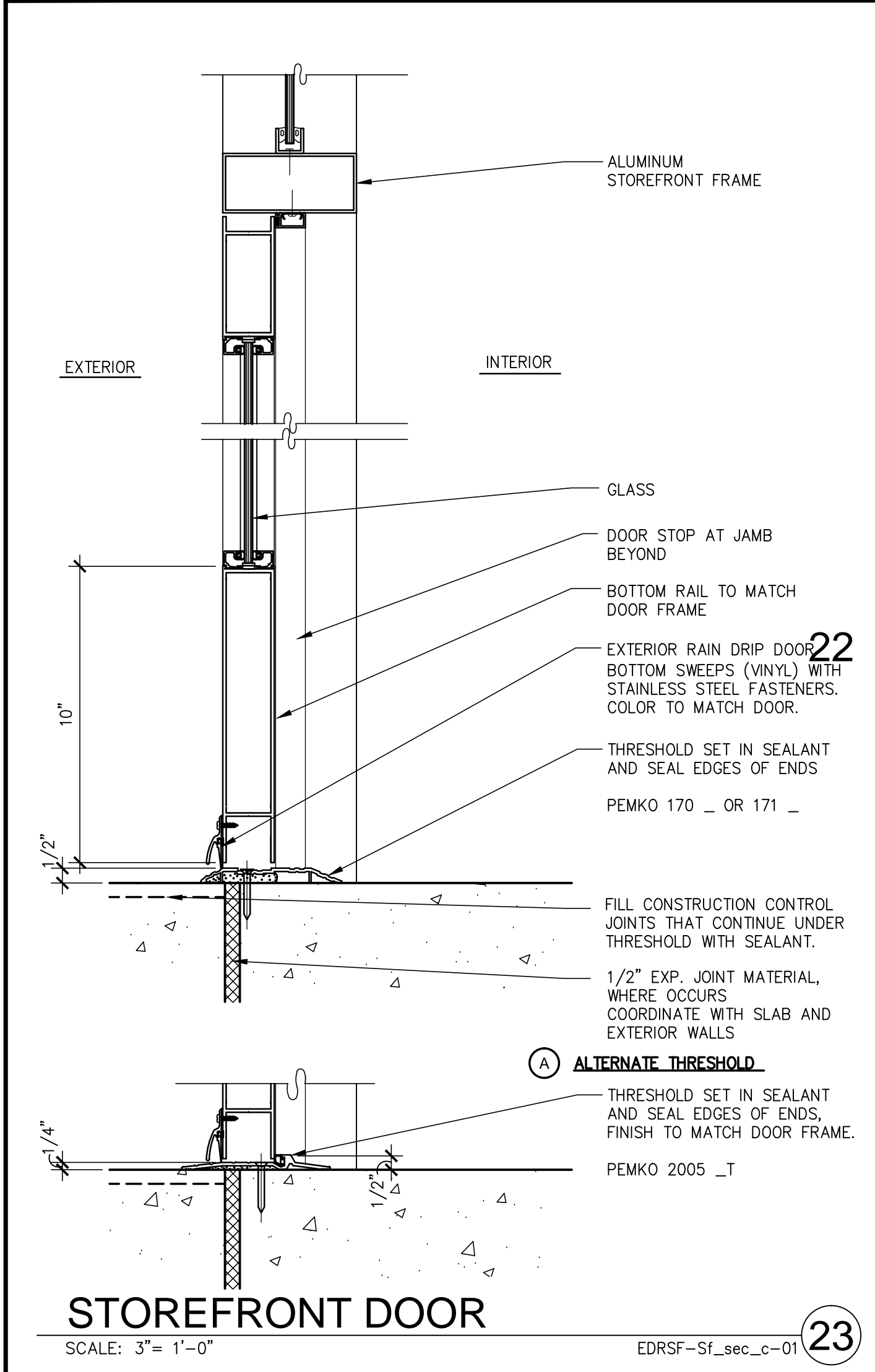
MEMBER DEPTH:
ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE DIMENSION.

FLANGE WIDTH:
(EXAMPLE: 1 5/8" = 1.625" ~ 162 X 1/100 INCHES) ALL FLANGE WIDTHS ARE TAKEN IN 1/100 INCHES.

MATERIAL THICKNESS:
(EXAMPLE: 0.054 IN. = 54 MILS. 1 MIL = 1/1000 IN.) MATERIAL THICKNESS IS THE MINIMUM BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.

CEILING SPAN TABLE NOTES:
1. VALUES ARE FOR SINGLE SPANS.
2. ALLOWABLE CEILING SPAN CALCULATIONS BASED ON 33KSI YIELD STRENGTH STEEL.
3. FOR FULLY BRACED CEILINGS, USE MID-SPAN BRACED VALUES.
4. END BEARING LENGTH = 1" MINIMUM.

SECTION:	(MIL)	LATERAL SUPPORT OF COMPRESSION FLANGE			
		UNBRACED JOIST SPACING (IN) O.C.	BRACED JOIST SPACING (IN) O.C.	UNBRACED JOIST SPACING (IN) O.C.	BRACED JOIST SPACING (IN) O.C.
362S125	18	9'-5"	8'-9"	7'-9"	12'-3"
362S125	27	10'-8"	9'-11"	8'-10"	14'-2"
362S125	30	11'-0"	10'-2"	9'-2"	15'-8"
362S125	33	11'-5"	10'-7"	9'-5"	16'-3"
362S125	43	12'-9"	11'-8"	10'-5"	17'-9"
362S137	27	12'-1"	11'-2"	10'-1"	16'-2"
362S137	33	12'-11"	11'-11"	10'-8"	17'-1"
362S137	43	14'-3"	13'-2"	11'-9"	18'-7"
362S162	33	14'-8"	13'-7"	12'-2"	18'-11"
362S162	43	16'-2"	14'-11"	13'-4"	20'-7"
400S125	20	11'-0"	10'-2"	9'-1"	15'-9"
400S125	30	11'-4"	10'-6"	9'-5"	16'-2"
400S125	33	11'-9"	10'-10"	9'-8"	16'-9"
400S125	43	13'-0"	12'-0"	10'-8"	18'-3"
400S137	27	12'-5"	11'-6"	10'-4"	17'-11"
400S137	33	13'-3"	12'-3"	11'-0"	18'-11"
400S137	43	14'-7"	13'-6"	12'-0"	20'-7"
400S162	33	15'-1"	13'-11"	12'-6"	21'-8"
400S162	43	16'-7"	15'-3"	13'-8"	23'-5"
600S125	27	12'-4"	11'-5"	10'-4"	17'-10"
600S125	30	12'-9"	11'-9"	10'-7"	18'-4"
600S125	33	13'-2"	12'-2"	10'-11"	18'-10"
600S125	43	14'-5"	13'-3"	11'-10"	20'-5"
600S137	33	14'-10"	13'-9"	12'-4"	21'-4"
600S137	43	16'-2"	14'-11"	13'-4"	23'-0"
600S162	33	16'-10"	15'-7"	14'-0"	22'-7"
600S162	43	18'-4"	16'-11"	15'-2"	26'-3"



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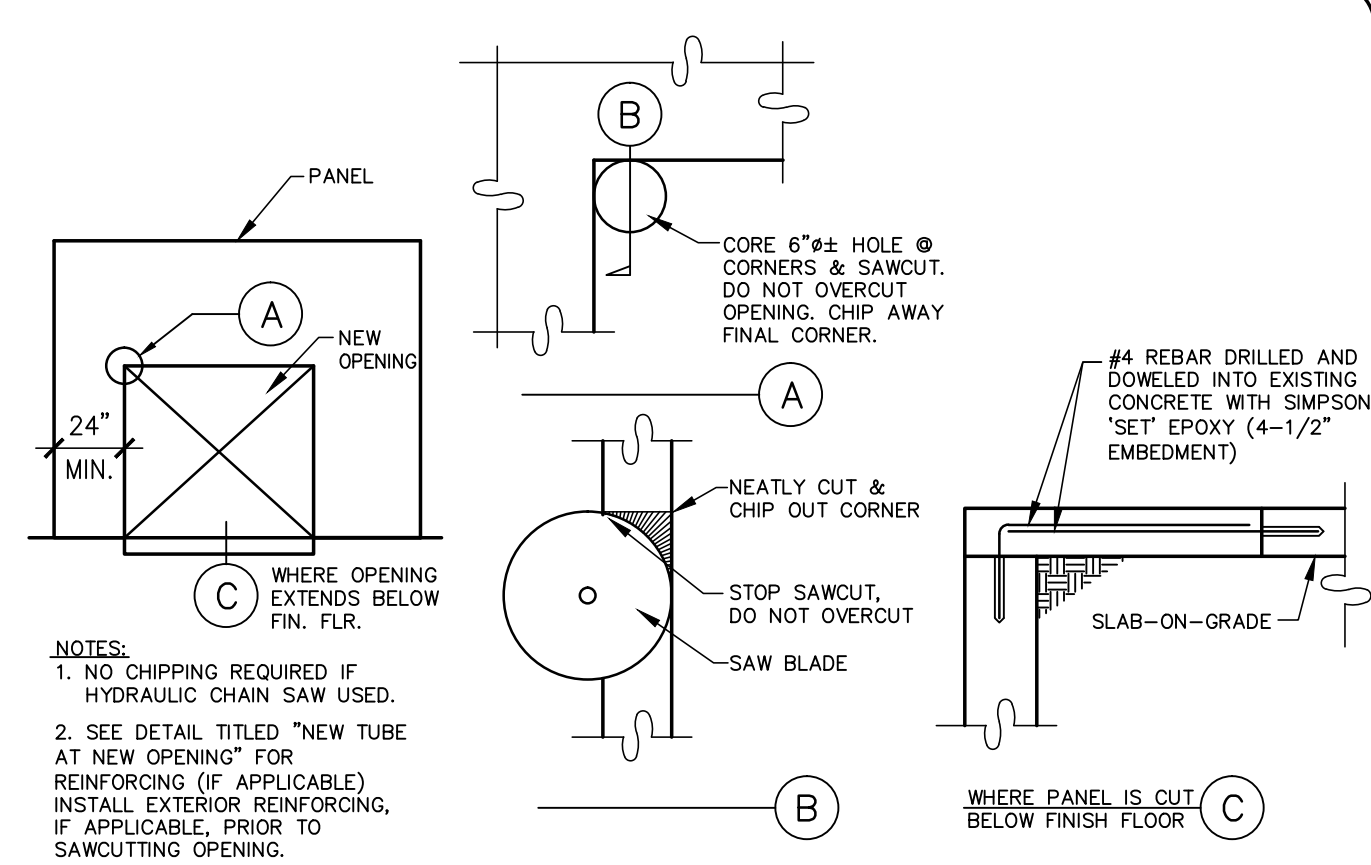
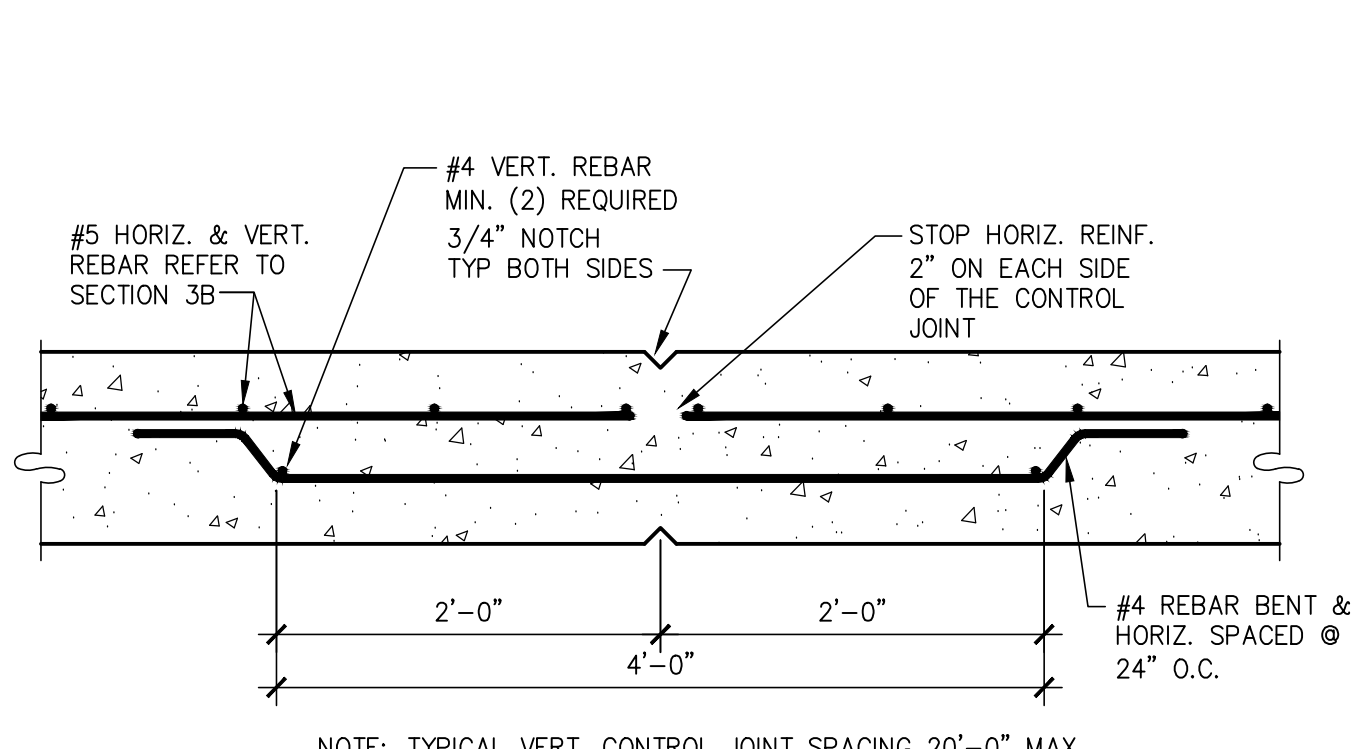
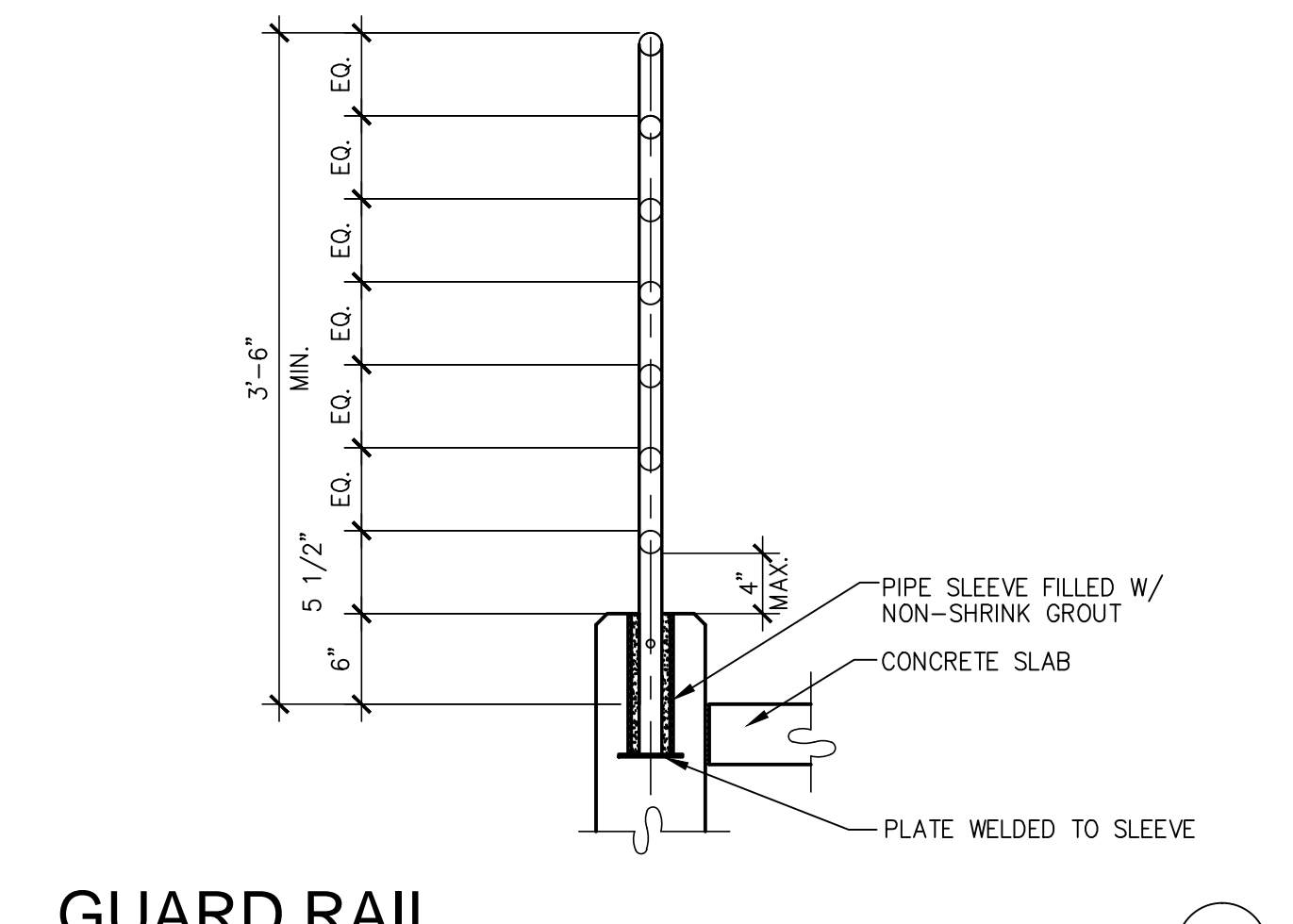
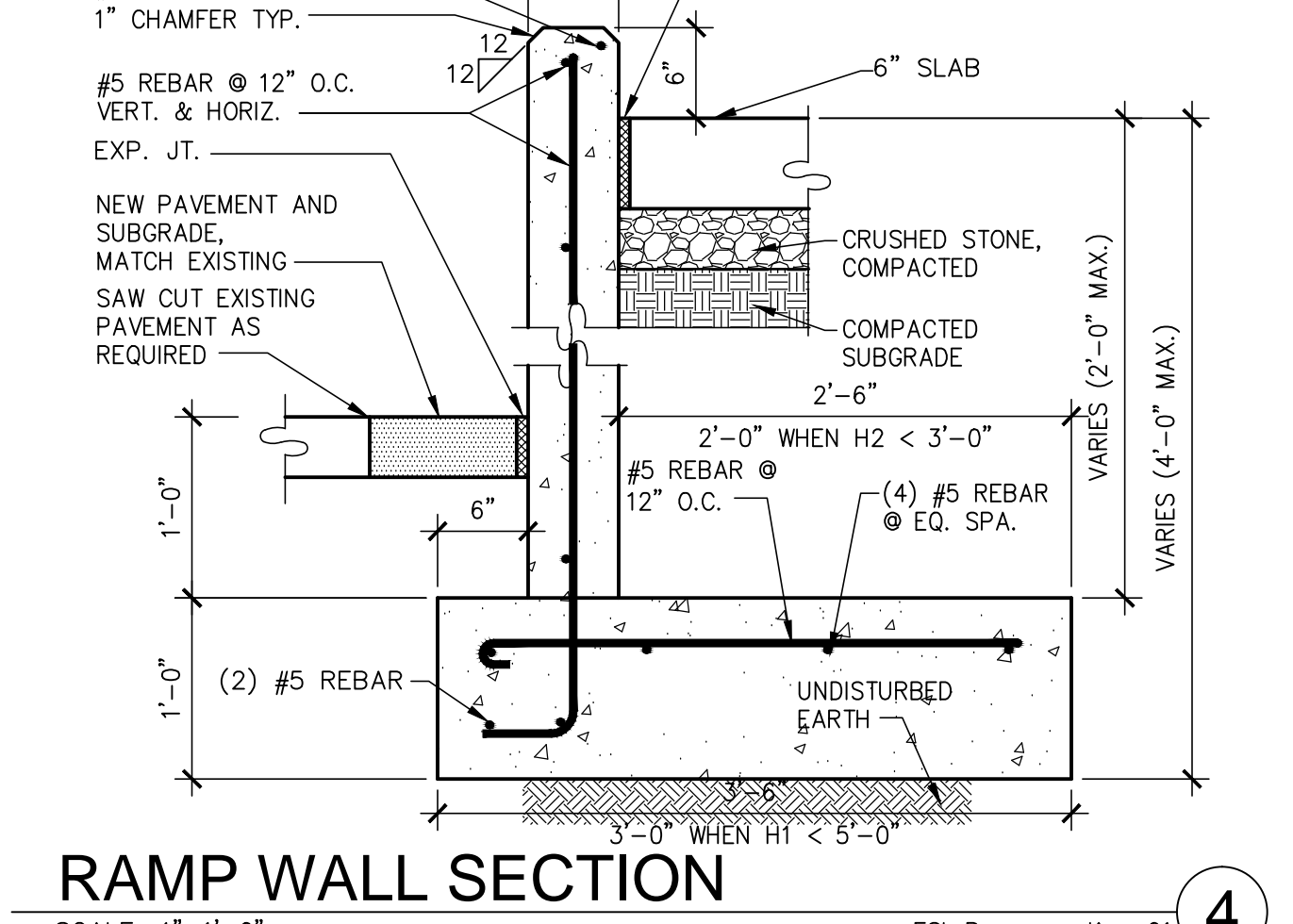
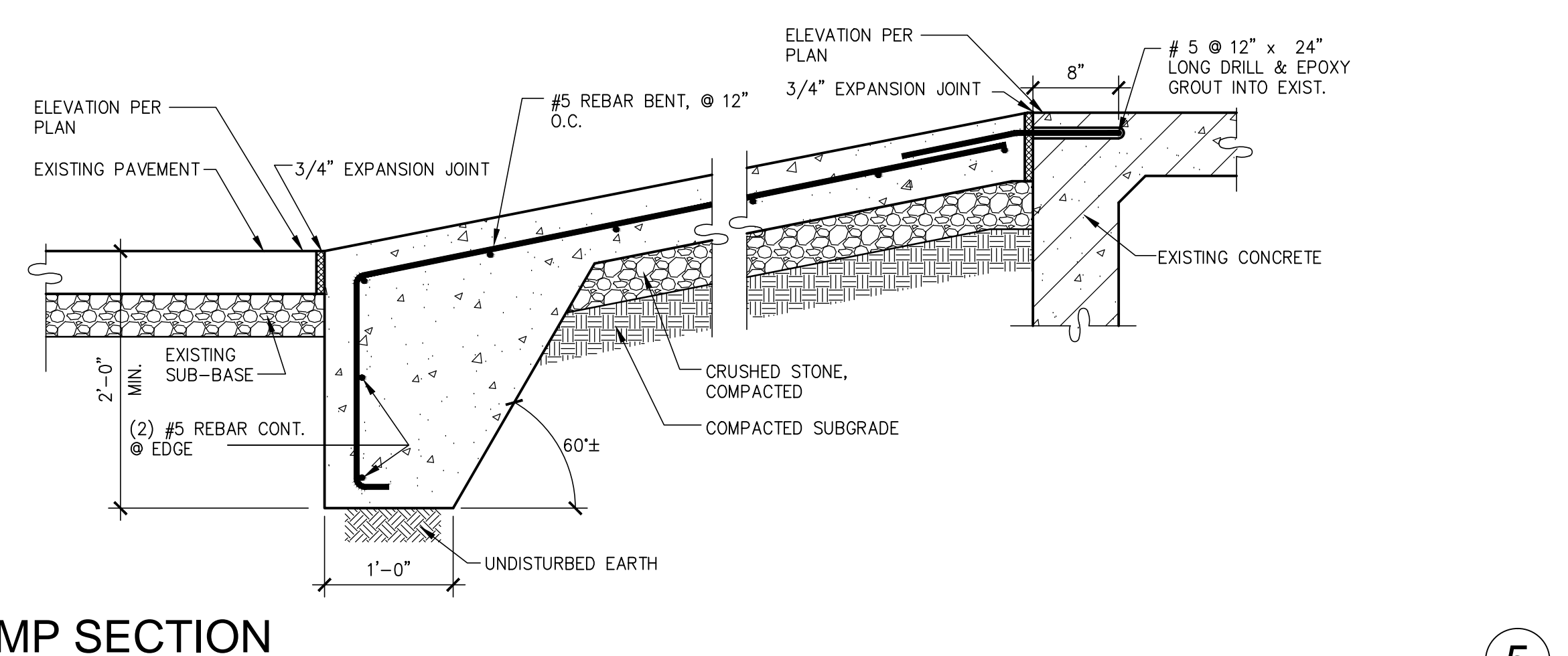
CEILING & MISCELLANEOUS DETAILS

DATE	REVISIONS	DATE	REVISIONS
2011.09.09	PLAN CHECK RE-SUBMITTAL		
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

PA / PM: TENGLEH
DRAWN BY: KS
JOB NO.: SD011-6064-00

A8.2

2012.01.05 ISSUE FOR CONSTRUCTION

21	16	11	6	 <p>SAWCUT OPENING IN CONC. PANEL ① SCALE: 3/4"=1'-0" IFMI-Sawcut_open_conc_panel-01</p>
22	17	12	8	 <p>TYP. VERT. WALL CONTROL JOINT ② SCALE: 1"=1'-0" ESI_Control_joint_01</p>
23	18	13	8	 <p>GUARD RAIL ③ SCALE: 1"=1'-0" ERLM-Guardrail-01</p>
24	19	14	9	 <p>RAMP WALL SECTION ④ SCALE: 1"=1'-0" ESI_Ramp_section_01</p>
25	20	15	15	 <p>TYPICAL RAMP SECTION ⑤ SCALE: 1"=1'-0" ESI_Ramp_section_02</p>

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SAN DIEGO, CALIFORNIA

MISCELLANEOUS DETAILS		DATE	REMARKS
DATE	REVISION		
2011.09.09	PLAN CHECK		
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

PA / PM: TENGLESH
DRAWN BY: AHF
JOB NO.: SDG11-6064-00

SHEET
A8.3

H:\Jobs\11 The Marwaha Group\SDG11-6064-00_6863_Friars_Rd_Renovation\Cad\CD\6064-AB3\6064-AB3.dwg

2012.01.05 ISSUE FOR CONSTRUCTION

Table with columns for fixture callouts, mounting types, and electrical symbols. Includes terms like 'LIGHTING CONTROL PANEL', 'FIXTURE CALLOUT', 'MOUNTING TYPE', 'JUNCTION BOX', 'WALL MOUNTED JUNCTION BOX', etc.

Table of abbreviations and units. Includes 'KVA KILO-VOLTAmpERE', 'KW KILO-WATT', 'KWH KILO-WATT-HOUR', 'LBS POUNDS', 'LINEAL FEET', etc.

Table of electrical symbols and general notes. Includes 'FUSED SWITCH', 'CIRCUIT BREAKER', 'TRANSFORMER', 'CURRENT TRANSFORMER', 'POTENTIAL TRANSFORMER', 'DRAW OUT DEVICE', 'AUTOMATIC TRANSFER SWITCH', 'PANELBOARD', 'METER', 'GROUND FAULT CIRCUIT INTERRUPTER', 'DOUBLE LUG', 'SOLID STATE DEVICE', 'FEED THROUGH PANELBOARD', 'HEAVY DUTY SPST OR DPST RELAY', 'SHUNT TRIP DEVICE', 'RACEWAY OR WIREWAY ASSEMBLY DOWN', 'RACEWAY OR WIREWAY ASSEMBLY UP', 'HOMERUN TO PANEL, CIRCUITS AS INDICATED', 'UNDERGROUND HOMERUN TO PANEL, CIRCUITS AS INDICATED', 'CONCEALED EMT CONDUIT WITH THIN/THIN WIRE', 'CONCEALED EMT CONDUIT WITH THIN/THIN WIRE 3/4\"

LIGHTING SYMBOLS

ABBREVIATIONS

- 1. ALL CONDUCTORS SHALL BE STRANDED COPPER FOR SIZES ABOVE #6AWG. CONDUCTORS #6AWG AND SMALLER SHALL BE SOLID. AC CABLE IS NOT ALLOWED AND SHALL NOT BE INSTALLED. AN EQUIPMENT GROUND CONDUCTOR SHALL BE INSTALLED IN ALL FLEXIBLE CONDUITS. ALL BRANCH CIRCUITS SHALL BE INSTALLED WITH A GREEN GROUND CONDUCTOR.
2. ELECTRICAL CONTRACTOR TO REVIEW OTHER DISCIPLINE DRAWINGS AND INDICATE CONFLICTS OF CONDUIT ROUTING, UNDERGROUND COORDINATION AND CEILING HEIGHT CONFLICTS.
3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING SPACES ADJACENT TO WORK DURING THE COURSE OF DEMOLITION AND NEW WORK. ALL REPAIRS OF DAMAGED AREAS ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
4. ALL ELECTRICAL DEVICES, EQUIPMENT, AND LIGHT FIXTURES SHALL BE INSTALLED PER CALIFORNIA AND A REQUIREMENTS.
5. ALL ELECTRICAL AND TEL/DATA CONDUIT AND RELATED FITTINGS SHALL BE CONCEALED. ANY LOCATIONS IN PUBLIC VIEW SHALL BE BROUGHT TO THE ATTENTION OF THE ELECTRICAL ENGINEER AND APPROVED PRIOR TO INSTALLATION. ALL CONDUIT RUNS SHOWN ARE DIAGRAMMATIC. COORDINATE ALL CONDUIT RUNS WITH OTHER DISCIPLINES.
6. ELECTRICAL WORK INSTALLED UNDER THIS PERMIT TO COMPLY WITH 2010 CALIFORNIA ELECTRICAL CODE, LOCAL AND STATE ENERGY STANDARDS AND ALL OTHER APPLICABLE CODES.
7. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL WEATHERPROOF DEVICES, JUNCTION BOXES, FITTINGS, CONDUIT AND PULLBOXES AT ALL DAMP AND WET LOCATIONS.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIRED ELECTRICAL SHUTDOWNS WITH OWNER 7 DAYS PRIOR TO SHUTDOWN. ALL SCHEDULED UTILITY SHUTDOWNS SHOULD BE SCHEDULED FOR AFTER HOURS WORK FOR OCCUPIED BUILDINGS. THE CONTINUITY OF POWER FOR AREAS OUTSIDE THE PERMITTED WORK SHALL BE MAINTAINED UNLESS A SHUTDOWN IS SCHEDULED.
9. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO BID COMPLETION.
10. ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIRED UTILITY METER APPLICATIONS AND ASSIST OWNER FOR PROPER METER RELEASE SCHEDULE.
11. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL REQUIRED MATERIALS FOR JOB COMPLETION. ELECTRICAL CONTRACTOR SHALL COORDINATE PROCUREMENT OF LONG LEAD ITEMS, AND COORDINATE STORAGE OF MATERIALS TO AVOID DAMAGE PRIOR TO INSTALLATION.
12. ALL EMPTY CONDUITS ARE TO BE PROVIDED WITH PULL ROPES. LABEL EACH END OF CONDUIT TO INDICATE EXACT DESTINATION.
13. ELECTRICAL PANELS SHALL NOT BE LOCATED WITHIN FIRE-RATED CORRIDORS.
14. ALL MATERIALS USED UNDER THIS PERMIT SHALL BE NEW AND BARE THE APPROPRIATE UL LABEL. USED OR RE-CONDITIONED MATERIALS ARE PROHIBITED.
15. ALL PERMANENTLY INSTALLED EQUIPMENT SHALL BARE A UL LABEL OR NATIONALLY RECOGNIZED TESTING AGENCY CERTIFICATION.
16. PROVIDE AND INSTALL CLEAR ADHESIVE LABELS INDICATING PANEL AND CIRCUIT NUMBER ON ALL OUTLETS AND SWITCHES, LETTER HEIGHT TO BE 1/4".
17. ALL FLUORESCENT FIXTURES FOR INTERIOR TYPE OR EXTERIOR TYPE WITH DOUBLE-ENDED LAMPS SHALL BE PROVIDED WITH A FACTORY DISCONNECTING MEANS TO DISCONNECT ALL CONDUCTORS OF THE FIXTURE BALLAST PER NEC 410.13(G).
18. PROVIDE 120V CONNECTION TO DOOR HARDWARE/CONTROLLER AS REQUIRED. COORDINATE FINAL REQUIREMENTS WITH HARDWARE AND SECURITY VENDORS.
19. ALL SYSTEMS FURNITURE CIRCUITS AND HOMERUNS TO BE PROVIDED WITH DEDICATED NEUTRAL CONDUCTORS PER CIRCUITS.
20. ALL MULTIPLE BRANCH CIRCUITS SHALL BE INSTALLED WITH DEDICATED NEUTRALS ROUTED IN HOMERUN TO THE PANEL FOR EACH CIRCUIT BEING UTILIZED PER NEC 210.6(B) SECTION 210.4(B).

Table of power symbols and electrical symbols. Includes 'FUSED SWITCH', 'CIRCUIT BREAKER', 'TRANSFORMER', 'SHIELDED TRANSFORMER', 'CURRENT TRANSFORMER', 'POTENTIAL TRANSFORMER', 'DRAW OUT DEVICE', 'AUTOMATIC TRANSFER SWITCH', 'PANELBOARD', 'METER', 'GROUND FAULT CIRCUIT INTERRUPTER', 'DOUBLE LUG', 'SOLID STATE DEVICE', 'FEED THROUGH PANELBOARD', 'HEAVY DUTY SPST OR DPST RELAY', 'SHUNT TRIP DEVICE', 'RACEWAY OR WIREWAY ASSEMBLY DOWN', 'RACEWAY OR WIREWAY ASSEMBLY UP', 'HOMERUN TO PANEL, CIRCUITS AS INDICATED', 'UNDERGROUND HOMERUN TO PANEL, CIRCUITS AS INDICATED', 'CONCEALED EMT CONDUIT WITH THIN/THIN WIRE', 'CONCEALED EMT CONDUIT WITH THIN/THIN WIRE 3/4\"

Table of electrical symbols and abbreviations. Includes 'JUNCTION BOX', 'WALL MOUNTED JUNCTION BOX', 'L5-20R 120V RECEPTACLE', 'DUPLEX RECEPTACLE', 'SPLIT WIRED 15A 1/2 HOT, 1/2 SWITCHED OUTLET', 'SURFACE MOUNTED DUPLEX RECEPTACLE', '208V/240 RECEPTACLE', '208V/240 RECEPTACLE', 'FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE', 'POKE THROUGH BOX WITH DOUBLE DUPLEX RECEPTACLE', 'PEDESTAL MOUNTED DOUBLE DUPLEX RECEPTACLE', 'PEDESTAL MOUNTED DUPLEX RECEPTACLE', 'ROOF MOUNTED WEATHERPROOF GFI WORK OUTLET', 'EXTERNALLY OPERATED FUSED DISCONNECT SWITCH', 'COMBINATION F1/R MAGNETIC MOTOR STARTER AND DISCONNECT', 'F1/R MAGNETIC STARTER WITH OVERLOAD', 'FIRE RATED DOUBLE DUPLEX POKE THROUGH', 'FIRE RATED SYSTEMS FURNITURE FEED POKE THROUGH'.

Table of abbreviations and electrical symbols. Includes 'DATA OUTLET WITH TRIM RING, FULL STRING TO ACCESSIBLE CEILING SPACE', 'TELEPHONE OUTLET WITH TRIM RING, FULL STRING TO ACCESSIBLE CEILING SPACE', 'TELECOMMUNICATIONS OUTLET WITH TRIM RING, FULL STRING TO ACCESSIBLE CEILING SPACE', 'TELECOMMUNICATIONS OUTLET FLOOR MOUNTED ON FIRE RATED POKE-THRU', 'TELECOMMUNICATIONS CONDUIT ONLY, I.C.O. U.O.N.', 'SPEAKER BACK BOX LOCATION', 'INTERCOM J-BOX LOCATION', 'ELECTROMAGNETIC DOOR HOLDER', 'INTERCOM LOCATION', 'CARD READER', 'ELECTRIC DOOR STRIKE', '1/4\"

Table of tel/data symbols and notes. Includes 'DATA OUTLET WITH TRIM RING, FULL STRING TO ACCESSIBLE CEILING SPACE', 'TELEPHONE OUTLET WITH TRIM RING, FULL STRING TO ACCESSIBLE CEILING SPACE', 'TELECOMMUNICATIONS OUTLET WITH TRIM RING, FULL STRING TO ACCESSIBLE CEILING SPACE', 'TELECOMMUNICATIONS OUTLET FLOOR MOUNTED ON FIRE RATED POKE-THRU', 'SPEAKER BACK BOX LOCATION', 'INTERCOM J-BOX LOCATION', 'ELECTROMAGNETIC DOOR HOLDER', 'INTERCOM LOCATION', 'CARD READER', 'ELECTRIC DOOR STRIKE', '1/4\"

CERTIFICATE OF COMPLIANCE (Part 1 of 4) LTG-1C
Project Name: Marwaha Group
Date: 9/1/2011
Building Type: Nonresidential
Phase of Construction: New Construction
Documentation Author's Declaration Statement: I certify that this Certificate of Compliance documentation is accurate and complete.

CERTIFICATE OF COMPLIANCE (Part 2 of 4) LTG-1C
INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST
Installation Certificate, LTG-1A (Must retain a copy and verify form is completed and signed.)
Field Inspector: [Signature]

CERTIFICATE OF COMPLIANCE (Part 3 of 4) LTG-1C
INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST
MANDATORY LIGHTING CONTROLS - FIELD INSPECTION ENERGY CHECKLIST
Special Features Inspection Checklist (See Page 2 of 4 of LTG-1C)

CERTIFICATE OF COMPLIANCE (Part 4 of 4) LTG-1C
CONDITIONED AND UNCONDITIONED SPACE LIGHTING MUST NOT BE COMBINED FOR COMPLIANCE
Indoor Lighting Power for Conditioned Spaces: 13,660 Watts
Indoor Lighting Power for Unconditioned Spaces: 10,844 Watts

CERTIFICATE OF COMPLIANCE (Part 4 of 4) LTG-1C
Controls for Credits
Equipment Requiring Testing: 13,660
Description: 23w Metal Halide
Location: Lobby 1

LIGHTING CONTROLS CREDIT WORKSHEET (Part 1 of 2) LTG-2C
POWER ADJUSTMENT FACTORS (PAF) FOR NON-DAYLIGHT CONTROLS
A Separate PAF Worksheet Must Be Filled Out for Conditioned and Unconditioned Spaces.

INDOOR LIGHTING POWER ALLOWANCE LTG-3C
COMPLETE BUILDING METHOD
BUILDING CATEGORY (From §146 Table 146-F): 1.50
Area: 1,670
Allowed Watts: 2,505

BUILDING OWNER REPRESENTATIVE OR GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CERTIFICATE OF ACCEPTANCE LTG-1A AND ALL RELATED ACCEPTANCE DOCUMENTS. THESE SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.

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REVISIONS table with columns: NO., DATE, DESCRIPTION, REVISIONS

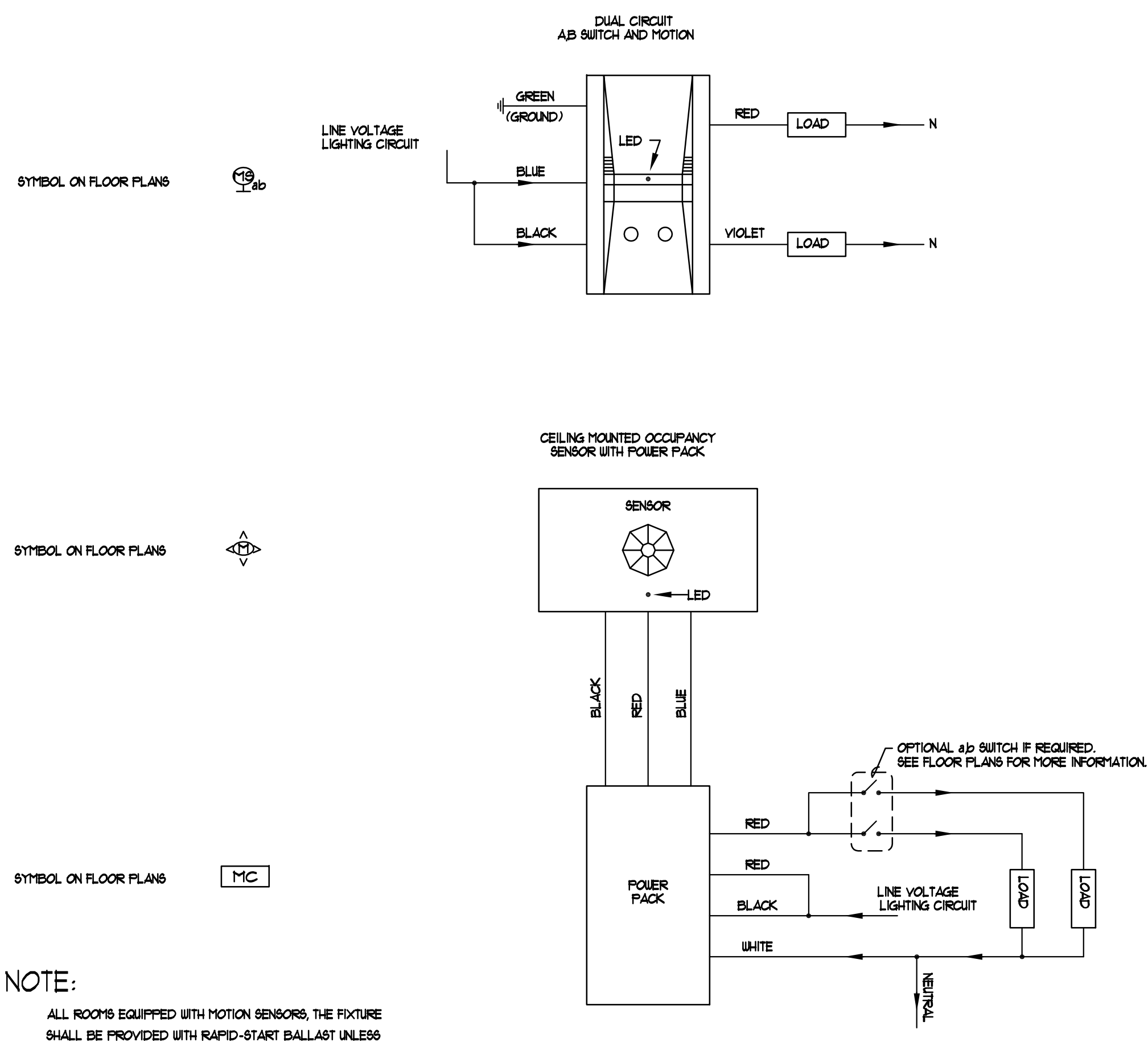
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MOTION SENSOR				
SYMBOL	DESCRIPTION	MANUFACTURER	CATALOGUE #	TRM
	WALL MOUNT AB SWITCHED MOTION SENSOR	HUBBELL	50M-102	DRITE WHITE
	CEILING MOUNT MOTION SENSOR	HUBBELL	CPN-07000	DRITE WHITE
	CEILING MOUNT MOTION SENSOR POWER PACK	HUBBELL	MP-10A	DRITE WHITE



NOTE:
ALL ROOMS EQUIPPED WITH MOTION SENSORS, THE FIXTURE SHALL BE PROVIDED WITH RAPID-START BALLAST UNLESS OTHERWISE NOTED

MOTION SENSOR DETAIL 4

BUILDING LIGHTING SHUT-OFF
THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS OF AN AUTOMATIC TIME SWITCH, WITH A ZONE FOR EACH FLOOR, OR OVER-RIDE FOR BUILDING LIGHTING SHUT-OFF.

THE AUTOMATIC BUILDING SHUT-OFF SYSTEM IS PROVIDED WITH A MANUAL ACCESSIBLE OVERRIDE SWITCH IN SIGHT OF THE LIGHTS. THE AREA OF OVERRIDE IS NOT TO EXCEED 50000 SQUARE FEET. LIGHTING OVERRIDE TO BE A MAXIMUM OF 2 HOURS.

AUTOMATIC CONTROL DEVICES CERTIFIED
ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED, ALL ALTERNATE EQUIPMENT SHALL BE CERTIFIED AND INSTALLED AS DIRECTED BY THE MANUFACTURER.

FLUORESCENT BALLAST AND LUMINAIRES CERTIFIED
ALL FLUORESCENT FIXTURES SUBJECT TO CERTIFICATION AND SPECIFIED FOR THE PROJECTS ARE CERTIFIED.

TANDEM WIRING FOR TWO-LAMP BALLASTS
ALL ONE AND THREE LAMP FLUORESCENT FIXTURES ARE TANDEM WIRED WITH TWO (2) LAMP BALLAST WHERE REQUIRED BY STANDARD SECTION 1521 OR

ALL THREE AND FOUR LAMP FLUORESCENT FIXTURES ARE SPECIFIED WITH ELECTRONIC HIGH-FREQUENCY BALLASTS AND ARE EXEMPT FROM TWO-LAMP TANDEM WIRING REQUIREMENTS.

INDIVIDUAL ROOM/AREA CONTROLS
EACH ROOM AND AREA IN THIS BUILDING IS EQUIPPED WITH A SEPARATE SWITCH OR OCCUPANCY SENSOR DEVICE FOR EACH AREA WITH FLOOR-TO-CEILING WALLS.

UNIFORM REDUCTION FOR INDIVIDUAL ROOMS
ALL ROOMS AND AREAS GREATER THAN 100 SQUARE FEET AND MORE THAN 10 WATTS PER SQUARE FOOT OF LIGHTING LOAD SHALL BE CONTROLLED WITH 8-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM.

DAYLIT AREA CONTROL
ALL ROOMS WITH WINDOWS AND SKYLIGHTS, THAT ARE GREATER THAN 200 SQUARE FEET AND THAT ALLOW FOR THE EFFECTIVE USE OF DAYLIGHT IN THE AREA SHALL HAVE 50 PERCENT OF THE LAMPS IN EACH DAYLIT AREA CONTROLLED BY A SEPARATE SWITCH OR PHOTO CELL CONTROL ON THE ROOF AND A CORRESPONDING RELAY IN THE ELECTRICAL PANEL.

CONTROL OF EXTERIOR LIGHTS
EXTERIOR MOUNTED FIXTURES ARE SERVED FROM THE ELECTRICAL PANEL INSIDE THE BUILDING ARE CONTROLLED WITH A DIRECTIONAL PHOTO CELL CONTROL ON THE ROOF AND A CORRESPONDING RELAY IN THE ELECTRICAL PANEL.

TITLE 24 MANDATORY NOTES 2

- EMERGENCY LIGHT FIXTURES ARE TO BE PROVIDED WITH EMERGENCY BALLASTS AS DETERMINED BY EMERGENCY LIGHT BALLAST TABLE BELOW.
- EMERGENCY LIGHT TEST SWITCH TO BE INTEGRAL TO ALL EMERGENCY FIXTURES, OTHER WISE LOCATION OF EMERGENCY LIGHT TEST SWITCH TO BE APPROVED BY ARCHITECT AND ELECTRICAL ENGINEER 30 DAYS PRIOR TO ROUGH IN.
- ALL EMERGENCY FIXTURES TO BE NIGHT LIGHTS UNLESS OTHERWISE NOTED.
- ELECTRICAL CONTRACTOR TO OBTAIN APPROVAL ON ALL LIGHT SWITCH LOCATIONS 30 DAYS PRIOR TO ROUGH IN.
- ELECTRICAL CONTRACTOR TO REVIEW ARCHITECTS EXITING PLAN AND PROVIDE EXIT SIGNS PER ARCHITECTS PLAN AND ELECTRICAL ENGINEERS LIGHTING PLANS.
- ELECTRICAL CONTRACTOR TO REVIEW ARCHITECTS REFLECTED CEILING PLAN AND PROVIDE BID PER ARCHITECTS PLAN AND ELECTRICAL ENGINEERS PLAN.
- ELECTRICAL CONTRACTOR TO NOTIFY ARCHITECT AND ELECTRICAL ENGINEER FOR ANY FIXTURE CONFLICTS THAT PROHIBIT CORRECT INSTALL WITH FRAMING OR CEILING T-BAR OR CEILING SYSTEMS. PROVIDE MINIMUM OF 30 DAYS NOTICE PRIOR TO ROUGH IN.
- ALL EXTERIOR LIGHTING THAT IS NOT LOW PRESSURE SODIUM MUST BE CONTROLLED TO SHUT OFF BETWEEN 11PM AND 6AM.
- ALL FLUORESCENT BALLAST ARE TO BE ELECTRONIC TYPE RAPID START.
- ALL FLUORESCENT FIXTURES TO BE BURNED IN CONTINUOUSLY FOR FIRST 24 HOURS WITHOUT TURNING OFF.
- ALL FLUORESCENT FIXTURES FOR INTERIOR TYPE OR EXTERIOR TYPE WITH DOUBLE-ENDED LAMPS SHALL BE PROVIDED WITH A FACTORY DISCONNECTING MEANS TO DISCONNECT ALL CONDUCTORS OF THE FIXTURE BALLAST PER NEC 410.13(G).
- ELECTRICAL CONTRACTOR TO VERIFY LIGHT FIXTURE AND T-GRID COMPATIBILITY PRIOR TO ORDER. PROVIDE MINIMUM OF 30 DAYS NOTICE TO ENGINEER AND ARCHITECT IN THE EVENT OF CONFLICT.

EMERGENCY LIGHT BALLAST

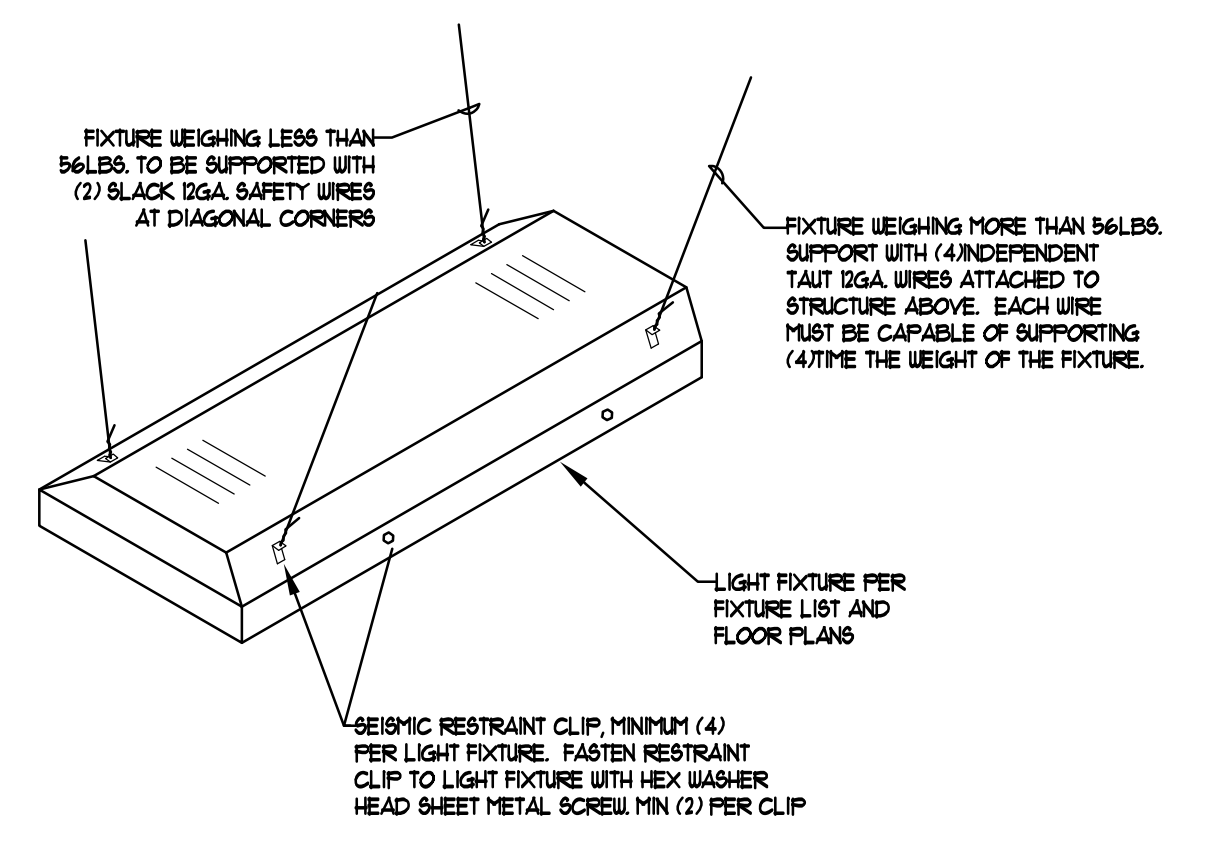
LAMP TYPE	WATTAGE RANGE OF BALLAST	REQUIRED LUMEN OUTPUT OF BALLAST
T8/T8	17W TO 215W	1350 LUMENS
TWIN QUAD TRIPLE, BIAx, 2D (4 PIN BASE)	16W TO 95W	1050 LUMENS
TWIN QUAD TRIPLE, BIAx, 2D (2 PIN BASE)	10W TO 26W	950 LUMENS

NOTE: ABOVE BALLAST CONNECTED TO SINGLE LAMP IN MULTIPLE LAMP FIXTURES.

LIGHTING GENERAL NOTES 3

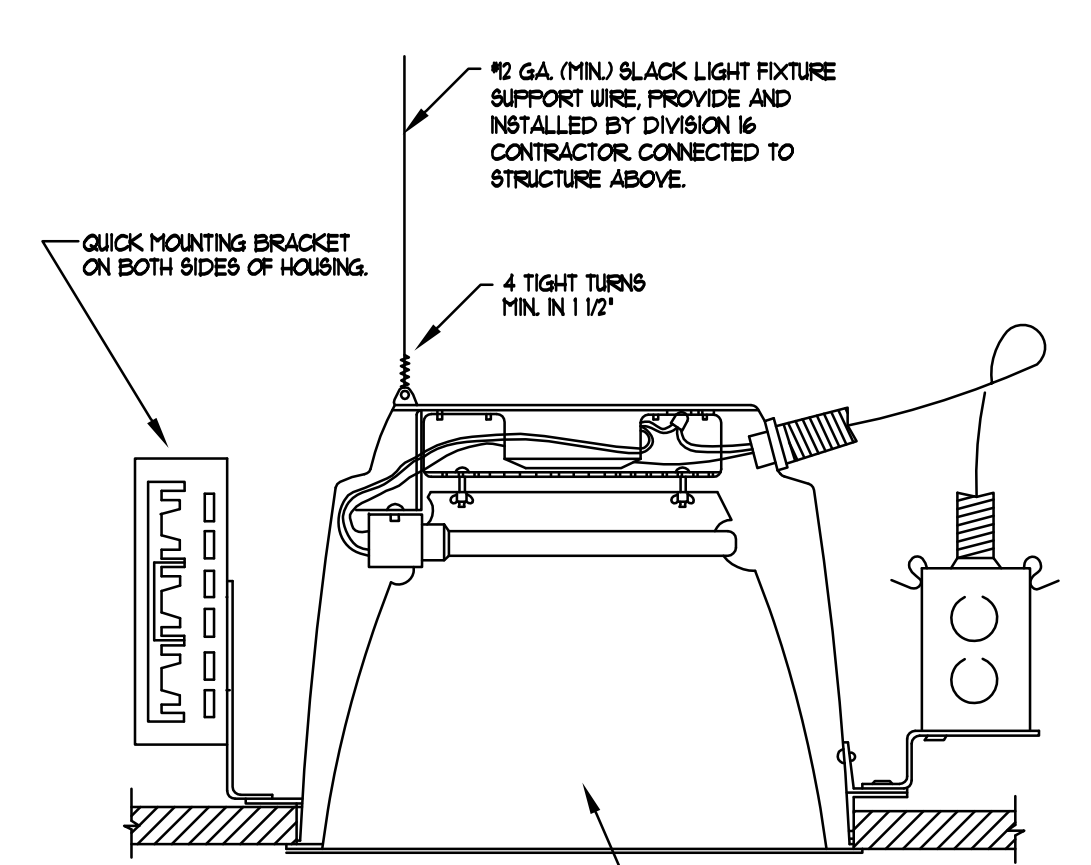
FIXTURE TYPE	MANUFACTURER INFORMATION	FIXTURE DESCRIPTION	VOLT WATTS	LAMP
F1	ZANEEN LIGHTING L3301300	SURFACE MOUNT DIRECT/INDIRECT FLUORESCENT FIXTURE PROVIDE WITH RAPID START ELECTRONIC BALLAST	120V 28W 4100K 82CRI	(1)F28T5
F2	NICHE MODERN SOLITAIRE SILICA SERIES SMOKE	INCANDESCENT PENDANT FIXTURE	120V 60W	(1)60WINC
F3	ZANEEN CAVE RECESSED L363220C	RECESSED DOWNLIGHT	120V 35W	(1)35WMR16
F3E	ZANEEN CAVE RECESSED L363220C	RECESSED DOWNLIGHT PROVIDE WITH 90 MINUTE BATTERY PACK	120V 35W	(1)35WMR16
F4	ZANEEN IDAHO SERIES L3926500	RECESSED LINEAR FLUORESCENT FIXTURE	120V 108W 4100K 82CRI	(2)F54T5HO
F5	FAST JACK HARLEY	MONORAIL TRACK LIGHTING SYSTEM	120V 45W	45W
F6	DELTA LIGHT NOBODY 300 P2254L	1X8 PENDANT HUNG FLUORESCENT FIXTURE PROVIDE WITH RAPID START ELECTRONIC BALLAST	120V 245W	(4)28WT5 (4)35WMR16
F7	ZANEEN SPEED CONTROLMIX L313510S	PENDANT HUNG FLUORESCENT FIXTURE PROVIDE WITH RAPID START ELECTRONIC BALLAST	120V 115W	(2)28WT5 (2)35WMR16
F8	DAY-BRITE 2AYG-217-PMW-120-EB	2X2 RECESSED FLUORESCENT FIXTURE PROVIDE WITH RAPID START ELECTRONIC BALLAST	120V 33W 4100K 82CRI	(2)F17T8
F9	McPHILBA ER45VXL	EDGE LIT LED EXIT SIGN PROVIDE WITH 90 MINUTE BATTERY BACK UP FACES AND CHEVRONS TO MATCH ARCHITECTURAL PLANS	120V 5W	WITH UNIT
F10	EDGE LIGHTING TWINSLIM20F1	SURFACE MOUNTED MIRROR FLUORESCENT FIXTURE PROVIDE WITH RAPID START ELECTRONIC BALLAST	120V 48W 4100K 82CRI	(2)F24T5

FIXTURE LIST 1



- GENERAL NOTES:
- LIGHT FIXTURE MUST BE CONNECTED TO (1) VERTICAL 10GA WIRE ATTACHED TO OPPOSING CORNERS ALONG THE FIXTURE'S DIAGONAL. WIRES MAY BE SLACK PER CBC STANDARD NO. 25043A.2, 25043B.
 - LIGHT FIXTURE SAFETY WIRE SHALL CONFORM WITH UBC TABLE 7B-A.
 - INSTALL (4) METAL SCREWS, (2) ON EACH SIDE THROUGH FIXTURE INTO MAN T" BAR RANER.

FIXTURE SEISMIC SUPPORT DETAIL 6



- GENERAL NOTES:
- LIGHT FIXTURE MUST BE CONNECTED TO (1) VERTICAL 10GA WIRE ATTACHED TO OPPOSING CORNERS ALONG THE FIXTURE'S DIAGONAL. WIRES MAY BE SLACK PER CBC STANDARD NO. 25043A.2, 25043B.
 - LIGHT FIXTURE SAFETY WIRE SHALL CONFORM WITH UBC TABLE 7B-A.

RECESSED CAN LIGHT FIXTURE SUPPORT DETAIL 5

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LIGHTING DETAIL SHEET		REMARKS	
DATE	BY	DATE	REMARKS
2011.10.10	PLAN CHECK	10	
2011.10.10	PLAN CHECK	11	
2011.10.10	ISSUE FOR CONSTRUCTION	12	
		13	
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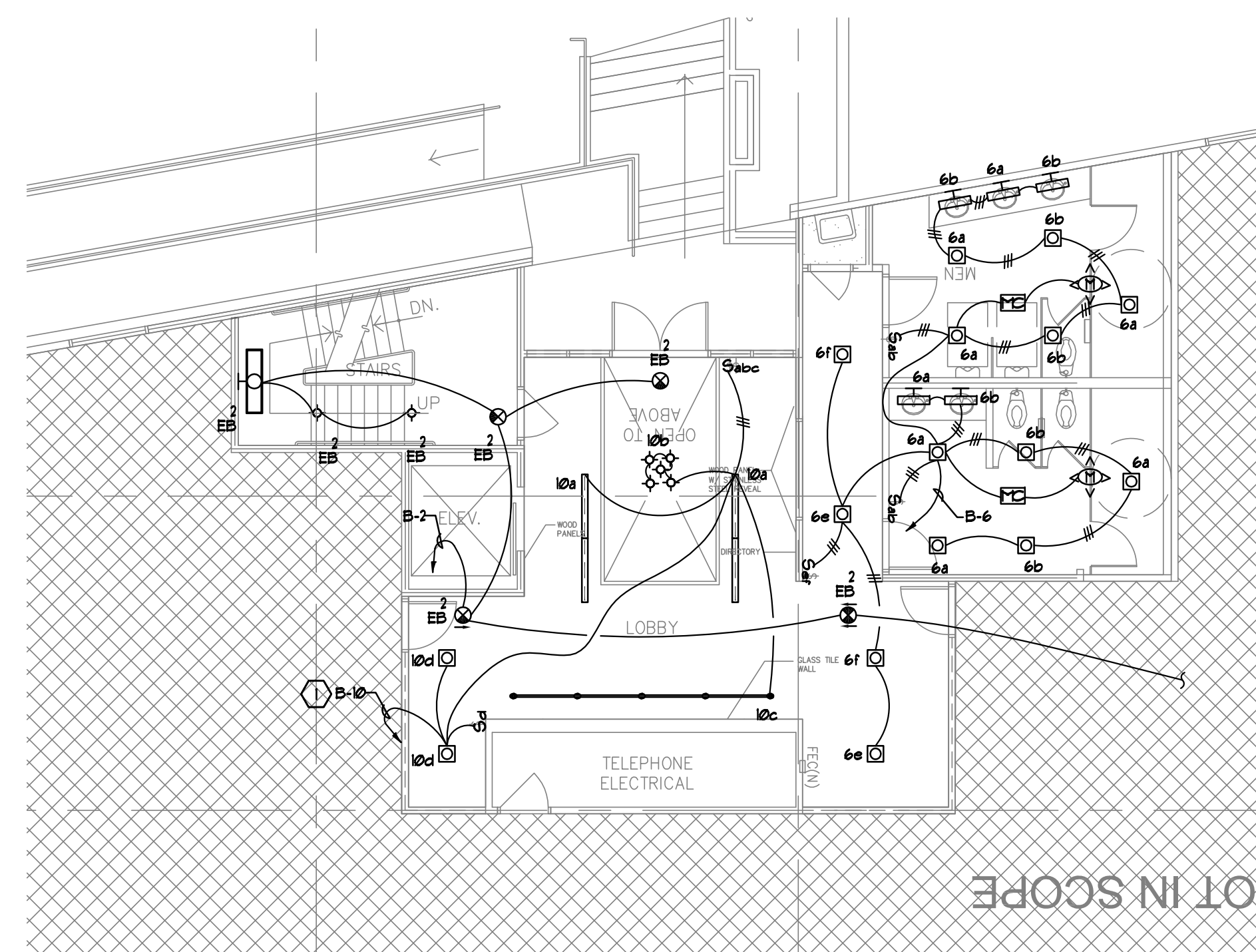
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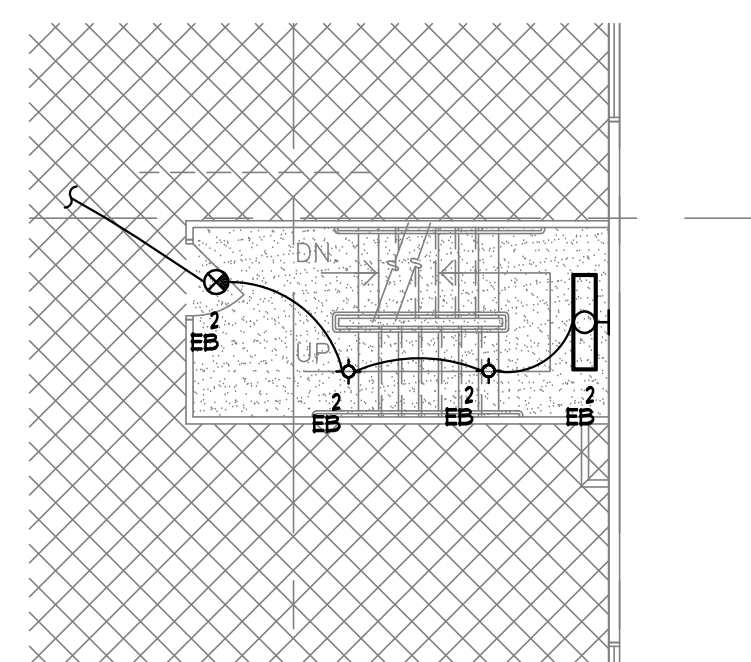
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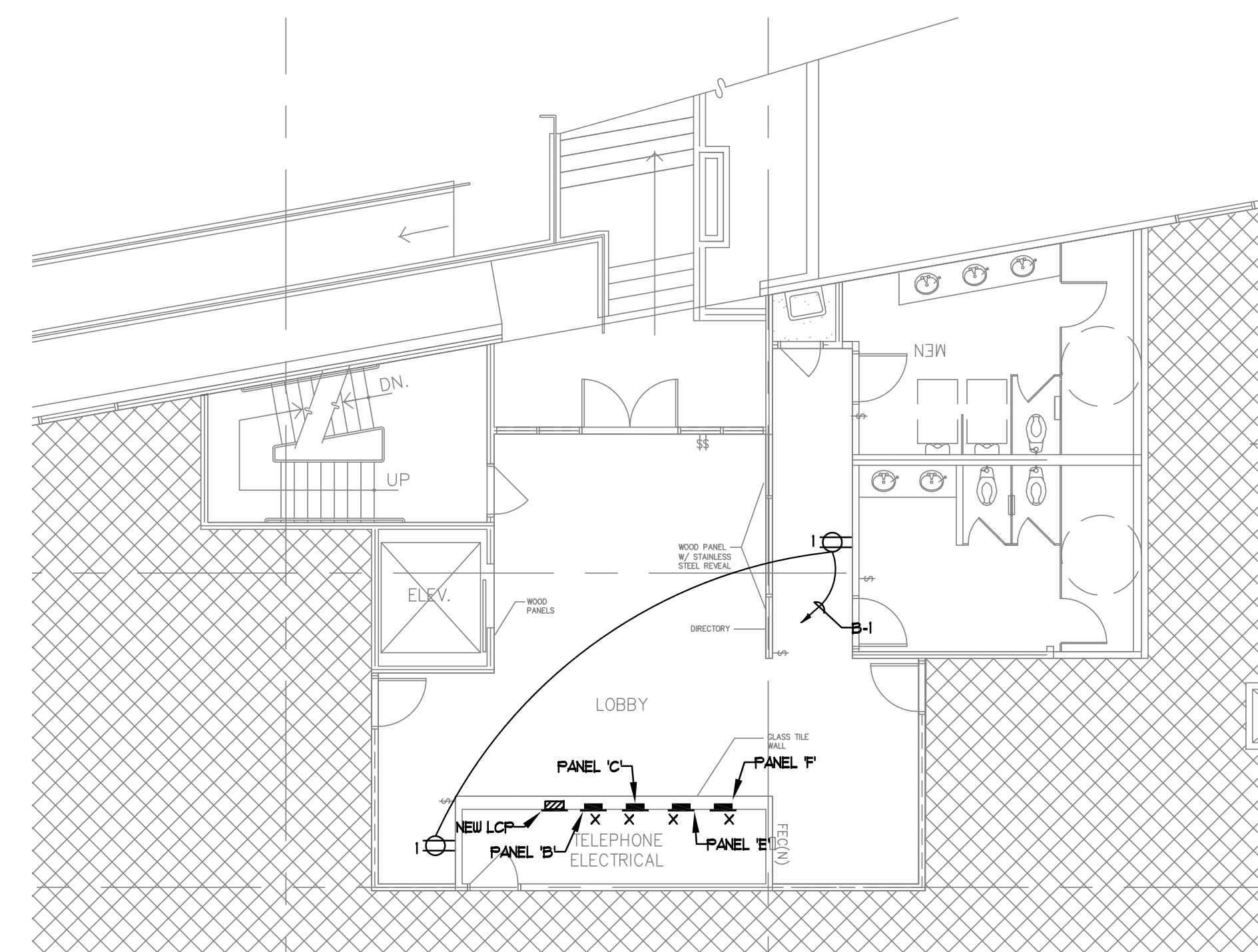
SECOND FLOOR LIGHTING PLAN

SCALE:
1/8" = 1'-0" 2



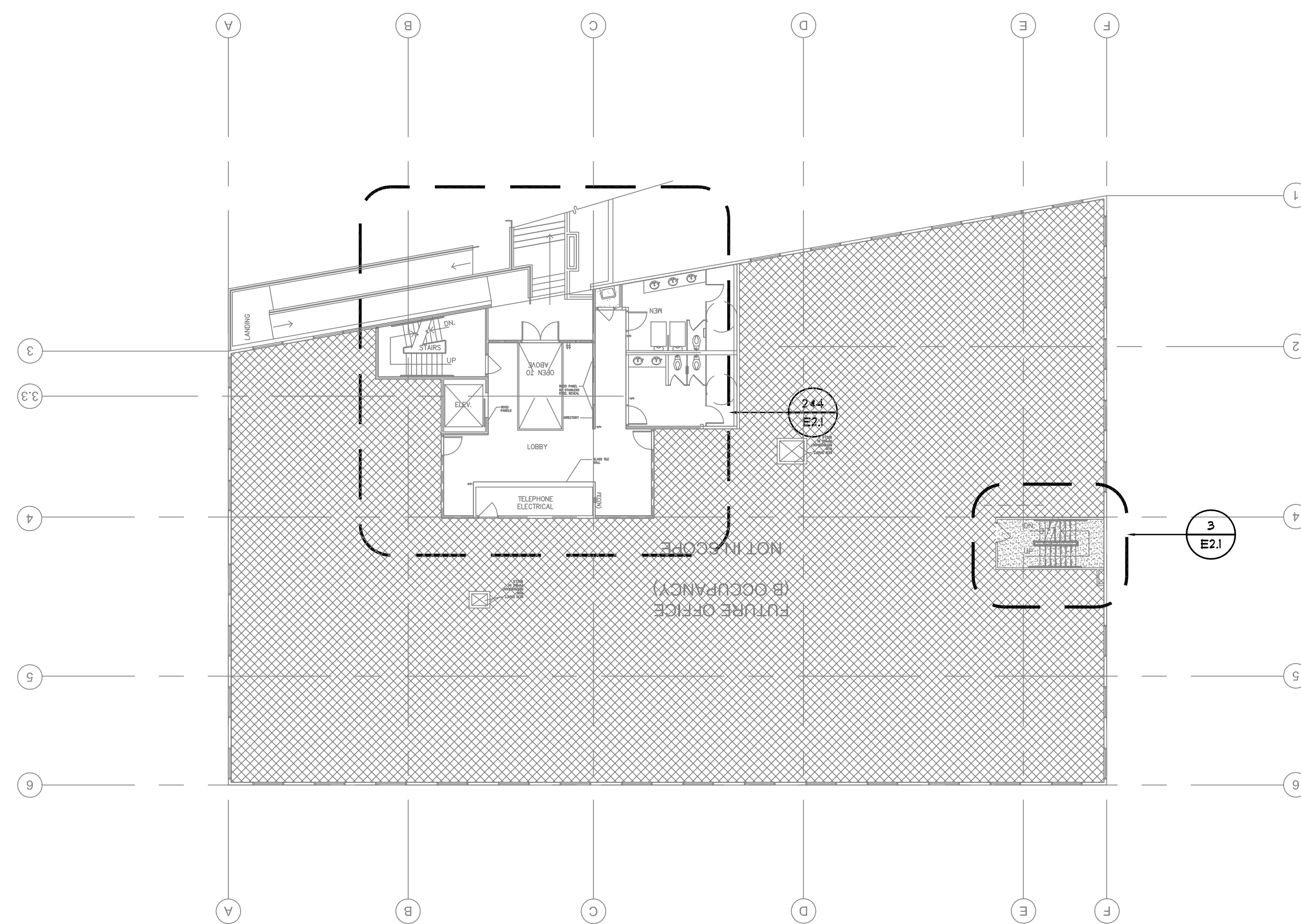
SECOND FLOOR STAIRWAY LIGHTING PLAN

SCALE:
1/8" = 1'-0" 3



SECOND FLOOR POWER PLAN

SCALE:
1/8" = 1'-0" 4



SECOND FLOOR PLAN
SECOND FLOOR ELECTRICAL PLAN

SCALE:
1/16" = 1'-0" 1

GENERAL NOTES:

1. ARCHITECT VERIFICATION CONTRACTOR TO REVIEW ARCHITECTURAL PLANS AND CASEWORK ELEVATIONS FOR ALL FINAL DEVICE AND FIXTURE TYPE REQUIREMENTS, FINAL SWITCH LOCATIONS AND FINAL OUTLET PLACEMENTS. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
2. GROUP MULTIPLE SWITCHES WITHIN 1' MAX. USE HI-LOW VOLTAGE PARTITIONS AS REQUIRED.
3. EMERGENCY LIGHT TEST SWITCH TO BE INTEGRAL TO ALL EMERGENCY FIXTURES, OTHER USE LOCATION OF EMERGENCY LIGHT TEST SWITCH TO BE APPROVED BY ARCHITECT AND ELECTRICAL ENGINEER 30 DAYS PRIOR TO ROUGH IN.
4. ALL EMERGENCY FIXTURES TO BE NIGHT LIGHTS UNLESS OTHER USE NOTED.
5. ELECTRICAL CONTRACTOR TO OBTAIN APPROVAL ON ALL LIGHT SWITCH LOCATIONS 30 DAYS PRIOR TO ROUGH IN.
6. ELECTRICAL CONTRACTOR TO REVIEW ARCHITECTS EXISTING PLAN AND PROVIDE EXIT SIGNS PER ARCHITECTS PLAN AND ELECTRICAL ENGINEERS LIGHTING PLANS. EXIT SIGNS MOUNTED ABOVE W/APP REQUIRE TEAM APPROVAL PRIOR TO ROUGH-IN.
7. ELECTRICAL CONTRACTOR TO REVIEW ARCHITECTS REFLECTED CEILING PLAN AND PROVIDE BID PER ARCHITECTS PLAN AND ELECTRICAL ENGINEERS PLAN.
8. ELECTRICAL CONTRACTOR TO NOTIFY ARCHITECT AND ELECTRICAL ENGINEER FOR ANY FIXTURE CONFLICTS THAT PROHIBIT CORRECT INSTALL WITH FRAMING OR CEILING TRUSS OR CEILING SYSTEMS. PROVIDE MINIMUM OF 30 DAYS NOTICE PRIOR TO ROUGH IN.
9. ALL FLUORESCENT BALLAST ARE TO BE ELECTRONIC TYPE RAPID START.
10. ALL FLUORESCENT FIXTURES TO BE BURNED IN CONTINUOUSLY FOR FIRST 24 HOURS WITHOUT TURNING OFF.
11. ALL FLUORESCENT FIXTURES FOR INTERIOR TYPE OR EXTERIOR TYPE WITH DOUBLE-ENDED LAMPS SHALL BE PROVIDED WITH A FACTORY DISCONNECTING MEANS TO DISCONNECT ALL CONDUCTORS OF THE FIXTURE BALLAST PER NEC 410.10(G).
12. ELECTRICAL CONTRACTOR TO VERIFY LIGHT FIXTURE AND T-GRID COMPATIBILITY PRIOR TO ORDER. PROVIDE MINIMUM OF 30 DAYS NOTICE TO ENGINEER AND ARCHITECT IN THE EVENT OF CONFLICT.
13. FACES AND CHEVRONS ON EMERGENCY EXIT SIGNS TO MATCH ARCHITECTURAL PLANS.
14. ALL MULTIPLE BRANCH CIRCUITS SHALL BE INSTALLED WITH DEDICATED NEUTRALS ROUTED IN HORIZONTAL TO THE PANEL FOR EACH CIRCUIT BEING UTILIZED PER NEC 210.4(b).

SHEET NOTES:

- 1. ROUTE VIA LIGHTING CONTROL PANEL.

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SECOND FLOOR ELECTRICAL PLAN		REMARKS	DATE
DATE	09		09
2011.10.10	PLAN CHECK RE-SUBMITTAL		10
	ISSUE FOR CONSTRUCTION		11
			12
			13
			14
			15
			16

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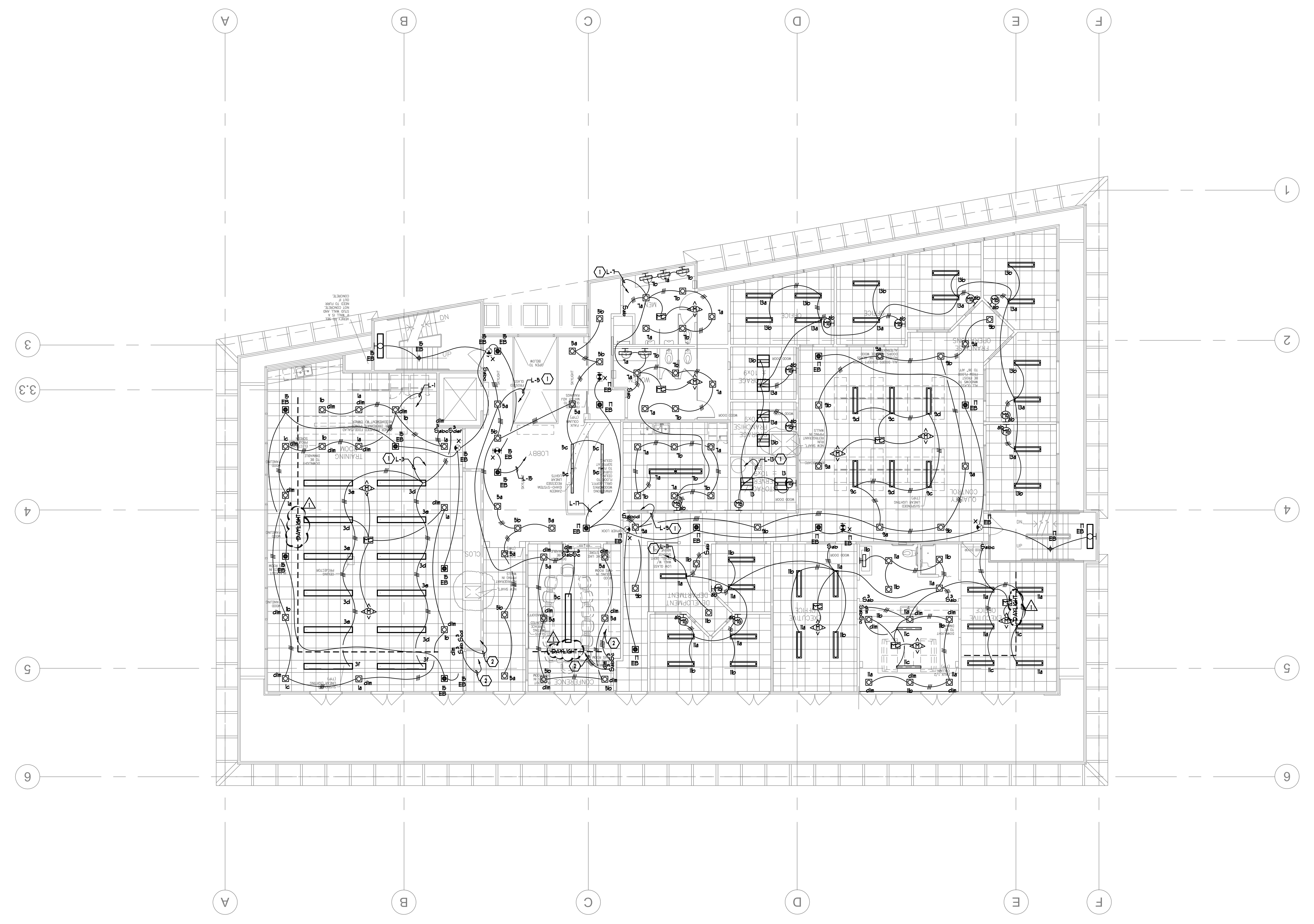
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- GENERAL NOTES:**
1. ARCHITECT VERIFICATION CONTRACTOR TO REVIEW ARCHITECTURAL PLANS AND CAGEWORK ELEVATIONS FOR ALL FINAL DEVICE AND FIXTURE TYPE REQUIREMENTS, FINAL SWITCH LOCATIONS, AND FINAL OUTLET PLACEMENTS. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
 2. GROUP MULTIPLE SWITCHES WITHIN 1' MAX. USE H-LOW VOLTAGE PARTITIONS AS REQUIRED.
 3. EMERGENCY LIGHT TEST SWITCH TO BE INTEGRAL TO ALL EMERGENCY FIXTURES. OTHER USE LOCATION OF EMERGENCY LIGHT TEST SWITCH TO BE APPROVED BY ARCHITECT AND ELECTRICAL ENGINEER 30 DAYS PRIOR TO ROUGH-IN.
 4. ALL EMERGENCY FIXTURES TO BE NIGHT LIGHTS UNLESS OTHER USE NOTED.
 5. ELECTRICAL CONTRACTOR TO OBTAIN APPROVAL ON ALL LIGHT SWITCH LOCATIONS 30 DAYS PRIOR TO ROUGH-IN.
 6. ELECTRICAL CONTRACTOR TO REVIEW ARCHITECTS EXISTING PLAN AND PROVIDE EXIT SIGNS PER ARCHITECTS PLAN AND ELECTRICAL ENGINEER LIGHTING PLAN. EXIT SIGNS MOUNTED ABOVE 10' AFF REQUIRE TEAM APPROVAL PRIOR TO ROUGH-IN.
 7. ELECTRICAL CONTRACTOR TO REVIEW ARCHITECTS REFLECTED CEILING PLAN AND PROVIDE BID PER ARCHITECTS PLAN AND ELECTRICAL ENGINEER PLAN.
 8. ELECTRICAL CONTRACTOR TO NOTIFY ARCHITECT AND ELECTRICAL ENGINEER FOR ANY FIXTURE CONFLICTS THAT PROHIBIT CORRECT INSTALL WITH PRAISE OR CEILING 1-BAR OR CEILING SYSTEMS. PROVIDE MINIMUM OF 30 DAYS NOTICE PRIOR TO ROUGH-IN.
 9. ALL FLUORESCENT BALLAST ARE TO BE ELECTRONIC TYPE RAPID START.
 10. ALL FLUORESCENT FIXTURES TO BE BURNED IN CONTINUALLY FOR FIRST 24 HOURS WITHOUT TURNING OFF.
 11. ALL FLUORESCENT FIXTURES FOR INTERIOR TYPE OR EXTERIOR TYPE WITH DOUBLE-ENDED LAMPS SHALL BE PROVIDED WITH A FACTORY DISCONNECTING MEANS TO DISCONNECT ALL CONDUCTORS OF THE FIXTURE BALLAST PER NEC 410.10(A).
 12. ELECTRICAL CONTRACTOR TO VERIFY LIGHT FIXTURE AND 1-GRID COMPATIBILITY PRIOR TO ORDER. PROVIDE MINIMUM OF 30 DAYS NOTICE TO ENGINEER AND ARCHITECT IN THE EVENT OF CONFLICT.
 13. FACES AND CHEVRONS ON EMERGENCY EXIT SIGNS TO MATCH ARCHITECTURAL PLANS.
 14. ALL MULTIPLE BRANCH CIRCUITS SHALL BE INSTALLED WITH DEDICATED NEUTRALS ROUTED IN HORIZONTAL TO THE PANEL FOR EACH CIRCUIT BEING UTILIZED PER NEC 200.4(D).

- SHEET NOTES:**
1. ROUTE VIA LIGHTING CONTROL PANEL.
 2. ROUTE TO OTHER 3-WAY SWITCH.

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THIRD FLOOR LIGHTING PLAN

DATE	REVISIONS	DATE	REVISIONS
2011.10.09	PLAN CHECK	9	
2011.10.10	PLAN CHECK RE-SUBMITAL	10	
	ISSUE FOR CONSTRUCTION	11	
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REGISTERED PROFESSIONAL ENGINEER
DANIEL W. MAYOCCO
E018377
STATE OF CALIFORNIA

PA / PM: TENGLUSH
DRAWN BY:
JOB NO.:

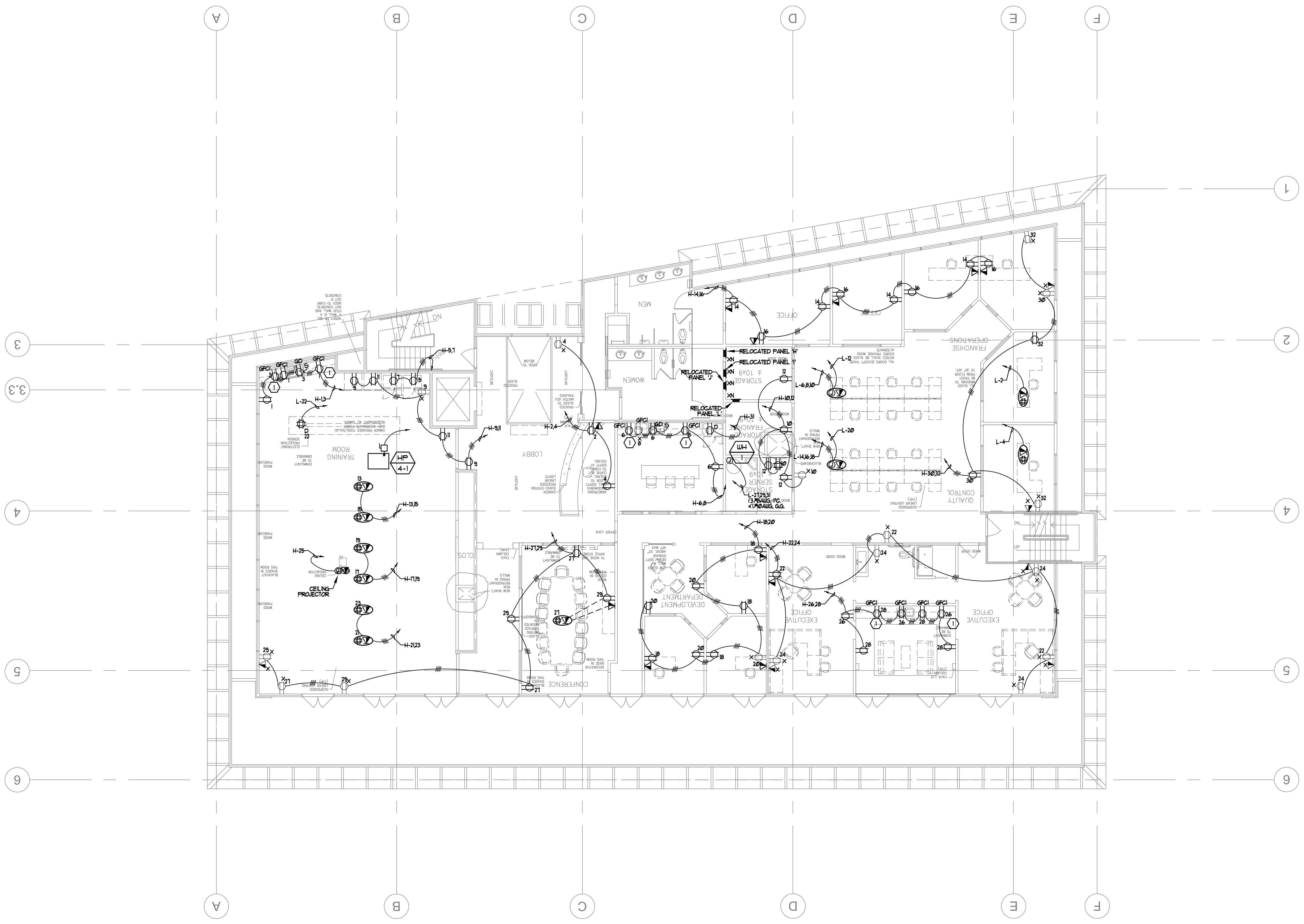
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THIRD FLOOR LIGHTING PLAN

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

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- GENERAL NOTES:**
1. ARCHITECT VERIFICATION CONTRACTOR TO REVIEW ARCHITECTURAL PLANS AND CAGES/ELEVATIONS FOR ALL FINAL DEVICE AND FIXTURE TYPE REQUIREMENTS. FINAL SWITCH LOCATIONS AND FINAL OUTLET PLACEMENTS. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
 2. ELECTRICAL CONTRACTOR TO OBTAIN APPROVAL ON ALL SWITCH LOCATIONS 30 DAYS PRIOR TO ROUGH IN.
 3. ALL SYSTEMS FURNITURE CIRCUITS AND HOVERNS TO BE PROVIDED WITH DEDICATED NEUTRAL CONDUCTORS PER CIRCUIT.
 4. PROVIDE DRY CONNECTION TO DOOR HARDWARE/CONTROLLER AS REQUIRED. COORDINATE FINAL REQUIREMENTS WITH HARDWARE AND SECURITY VENDORS.
 5. ALL EXPOSED/SURFACE MOUNTED ELECTRICAL JUNCTION BOXES TO BE CAST TYPE.
 6. ALL MULTIPLE BRANCH CIRCUITS SHALL BE INSTALLED WITH DEDICATED NEUTRALS ROUTED IN HOVERNS TO THE PANEL FOR EACH CIRCUIT BEING UTILIZED PER NEC 2008 SECTION 210.4(b).

SHEET NOTES:

① 6" ABOVE SPLASH OR COUNTERTOP VERIFY PRIOR TO ROUGH-IN

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THIRD FLOOR POWER PLAN

DATE	REVISIONS	DATE	REVISIONS
2011.10.09	PLAN CHECK	9	
2011.10.10	PLAN CHECK RE-SUBMITAL	10	
11/16/11	ISSUE FOR CONSTRUCTION	11	
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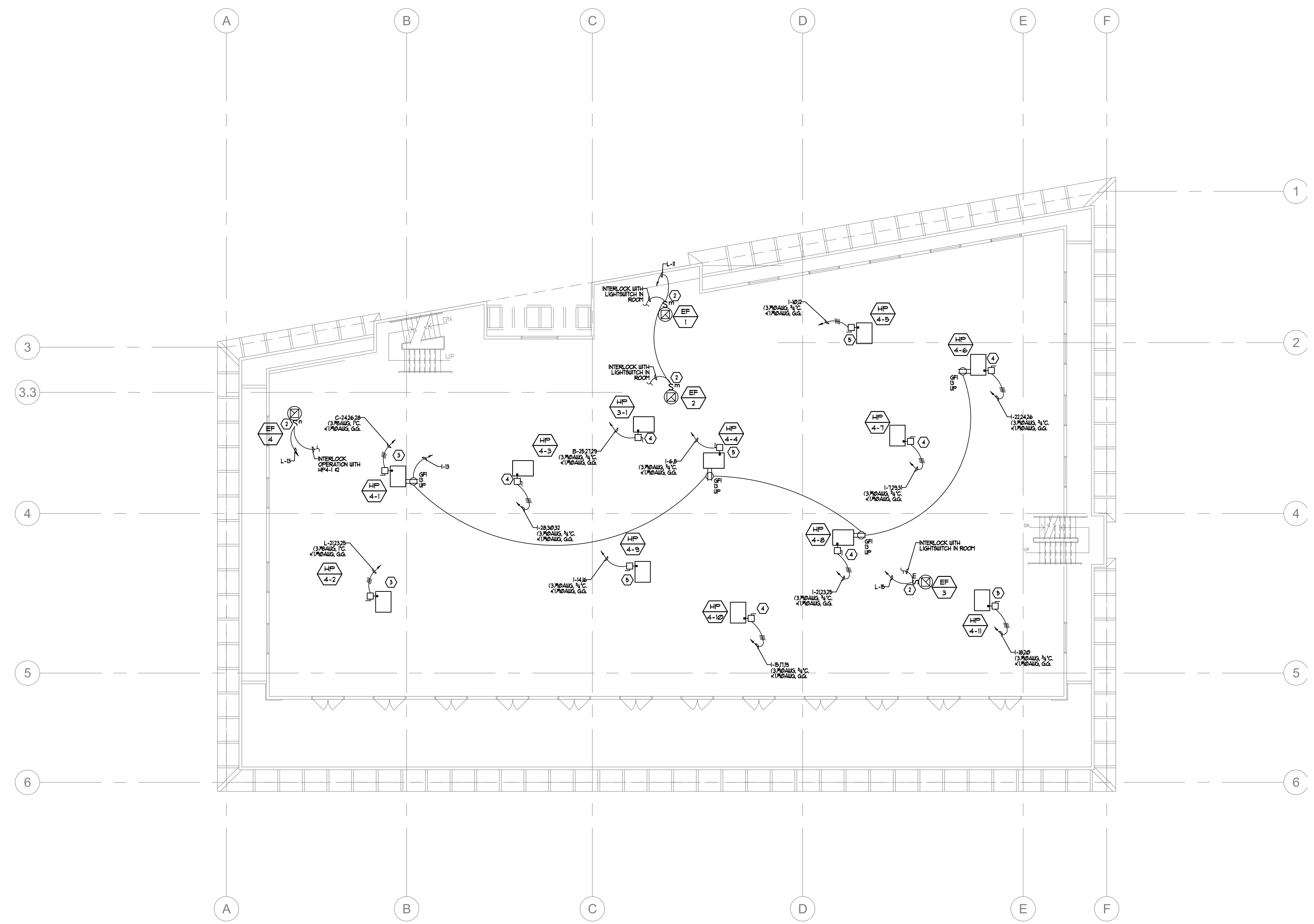


SCALE: 1/8" = 1'-0"

THIRD FLOOR POWER PLAN

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ROOF PLAN

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

- SHEET NOTES:**
- ① NOT USED
 - ② NEMA 3R TOGGLE FRACTIONAL HORSEPOWER RATED MANUAL MOTOR STARTER. PROVIDE WITH THERMAL OVERLOADS.
 - ③ NEMA 3R TOGGLE FRACTIONAL HORSEPOWER RATED MANUAL MOTOR STARTER. PROVIDE WITH THERMAL OVERLOADS.
 - ④ NEMA 3R 30A 3P FUSED DISCONNECT. COORDINATE FINAL FUSE SIZE WITH MECHANICAL MOTOR RATED SNAP SWITCHES ARE NOT AUTHORIZED.
 - ⑤ NEMA 3R 30A 3P FUSED DISCONNECT. COORDINATE FINAL FUSE SIZE WITH MECHANICAL MOTOR RATED SNAP SWITCHES ARE NOT AUTHORIZED.

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ROOF PLAN		REMARKS	DATE
DATE	2011.10.10	PLAN CHECK RE-SUBMITAL	9
DATE	2011.10.10	PLAN CHECK RE-SUBMITAL	10
DATE	2011.10.10	ISSUE FOR CONSTRUCTION	11
DATE			12
DATE			13
DATE			14
DATE			15
DATE			16

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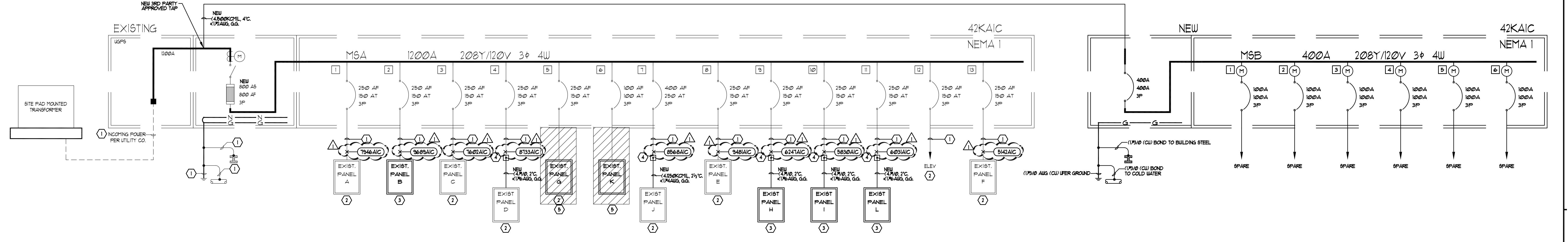
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MAIN SWITCHBOARD 'MSA' 800A 208Y/120V 3PH 4W

PANEL	VA LOAD	AMP LOAD
PANEL 'A'	15000	41.7
PANEL 'B'	31210	86.7
PANEL 'C'	12500	34.7
PANEL 'D'	10000	27.8
PANEL 'J'	35480	98.6
PANEL 'E'	18420	51.2
PANEL 'H'	25450	70.7
PANEL 'I'	48683	135.2
PANEL 'L'	51110	142.0
ELEV	10000	27.8
PANEL 'F'	11250	31.3
TOTAL	269103	747.5

PANEL EXISTING 208Y/120V 3PH 4W

BUS RATING: 225A
MAIN C.B. RATING: M10
PANEL FEED RATING: 150A
SHUNT TRIP MAIN: NO

LOAD	A	B	C	A	P	R	L	M	M	L	R	P	A	A	B	C	LOAD		
2 LOBBY RECEPT	500			20	1	2			1	A	-	2	1	15			EXIT	2	
1 COMP		500		20	1	3			3	B	-	4	1	15			EXIT	2	
1 COMP			500	20	1	5			5	-	C	-	6	1	20	1700	WAT 3RD FLR	2	
1 COMP	500			20	1	7	A	-	8	1	20		1475				BATH 4TH FLR	2	
1 COMP		500		20	1	9	B	-	10	1	20		1685				3RD FLR LOBBY LITG	2	
1 COMP			500	20	1	11	-	C	12	1	20		1458				3RD FLR HALL LITG	2	
1 COMP	500			20	1	13	A	-	14	1	20		1250				3RD FLR HALL DIF	1	
1 WALL RECEPT		300		20	1	15	B	-	16	1	20		700				4TH FLR HALL DIF	1	
1 EXISTING LOAD			500	20	1	17	-	C	18	1	20		550				LOBBY FLOOR	1	
1 WASH CIRCLE		500		20	1	19	A	-	20	1	20		550				TELECOM	1	
1 SPACE				20	1	21	B	-	22	1	20		550				TELECOM SWITCH	1	
1 EXISTING LOAD			500	20	1	23	-	C	24	2	20		2500				WATER HEATER	1	
3 HP-3.1	1100			20	3	1	25	A	-	26	-	-	2500						
.....				20	3	2	27	B	-	28	1	20		500				COMP RECEPT	1
.....				20	3	3	29	-	C	30	1	20		500				COMP RECEPT	1
.....				20	3	4	31	A	-	32	1	20		500				COMP RECEPT	1
TOTAL	3100	2400	3100										6225	3935	6208				

PHASE SUBTOTALS: A - 8325 VA, B - 6335 VA, C - 9388 VA, TOTAL= 24688 VA

RECEPT DIVERSITY: 0 VA, LITG: 0 VA, MOTOR/MISC: 3300 VA

THROUGH FEED LOAD: 0 VA, 87 AMPS

PANEL RELOCATED 208Y/120V 3PH 4W

BUS RATING: 225A
MAIN C.B. RATING: M10
PANEL FEED RATING: 150A
SHUNT TRIP MAIN: NO

LOAD	A	B	C	A	P	R	L	M	M	L	R	P	A	A	B	C	LOAD		
2 TRAINING ROOM				20	1	1	A	-	2	1	20		720				CONF RECEPT	3	
2 TRAINING ROOM				20	1	3	B	-	4	1	20		540				CONF RECEPT	3	
2 TRAINING ROOM				20	1	5	-	C	6	1	20		540				BREAK ROOM	3	
2 TRAINING ROOM				20	1	7	A	-	8	1	20		440				BREAK ROOM	3	
2 TRAINING ROOM				20	1	9	B	-	10	1	20		500				STORAGE	3	
2 TRAINING ROOM				20	1	11	-	C	12	1	20		500				STORAGE	3	
2 TRAINING ROOM				20	1	13	A	-	14	1	20		540				OFFICE RECEPT	3	
2 TRAINING ROOM				20	1	15	B	-	16	1	20		540				OFFICE RECEPT	3	
2 TRAINING ROOM				20	1	17	-	C	18	1	20		540				OFFICE RECEPT	3	
2 TRAINING ROOM				20	1	19	A	-	20	1	20		720				EXECUTIVE OFFICE RECEPT	3	
2 TRAINING ROOM				20	1	21	B	-	22	1	20		720				EXECUTIVE OFFICE RECEPT	3	
2 TRAINING ROOM				20	1	23	-	C	24	1	20		720				EXECUTIVE OFFICE RECEPT	3	
2 TRAINING ROOM				20	1	25	A	-	26	1	20		800				LAB	3	
2 CONFERENCE RM				20	1	27	B	-	28	1	20		600				LAB	3	
2 CONFERENCE RM				20	1	29	-	C	30	1	20		720				OFFICE RECEPT	3	
3 REFER DEK				20	1	31	A	-	32	1	20		720				OFFICE RECEPT	3	
TOTAL	4220	2840	3240										3940	3100	3020				

PHASE SUBTOTALS: A - 8100 VA, B - 6940 VA, C - 8460 VA, TOTAL= 20360 VA

RECEPT DIVERSITY: 0 VA, LITG: 0 VA, MOTOR/MISC: 0 VA

THROUGH FEED LOAD: 0 VA, 71 AMPS

PANEL RELOCATED 208Y/120V 3PH 4W

BUS RATING: 225A
MAIN C.B. RATING: M10
PANEL FEED RATING: 150A
SHUNT TRIP MAIN: NO

LOAD	A	B	C	A	P	R	L	M	M	L	R	P	A	A	B	C	LOAD		
1 SPARE				20	1	1	A	-	2	2	20						SPARE	1	
1 SPARE				20	1	3	B	-	4	1	20						SPARE	1	
1 SPARE				20	1	5	-	C	6	1	20						HP-4.4	3	
1 SPARE				20	1	7	A	-	8	1	20						HP-4.5	3	
1 SPARE				20	1	9	B	-	10	1	20						HP-4.5	3	
1 SPARE				20	1	11	-	C	12	1	20						HP-4.9	3	
2 ROOF OUTLETS				20	1	13	A	-	14	1	20						HP-4.9	3	
3 HP-4.10				20	3	1	15	B	-	16	1	20					HP-4.11	3	
.....				20	3	2	17	-	C	18	1	20					HP-4.11	3	
.....				20	3	3	19	A	-	20	1	20					HP-4.6	3	
3 HP-4.8				20	3	1	21	B	-	22	1	30					HP-4.6	3	
.....				20	3	2	23	-	C	24	1	30					HP-4.3	3	
.....				20	3	3	25	A	-	26	1	30					HP-4.3	3	
.....				20	3	4	27	B	-	28	1	30					HP-4.3	3	
.....				20	3	5	29	-	C	30	1	30					HP-4.3	3	
.....				20	3	6	31	A	-	32	1	30					HP-4.3	3	
TOTAL	6998	6278	6278										9812	7850	9812				

PHASE SUBTOTALS: A - 18010 VA, B - 14125 VA, C - 16090 VA, TOTAL= 48225 VA

RECEPT DIVERSITY: 0 VA, LITG: 0 VA, MOTOR/MISC: 46308 VA

THROUGH FEED LOAD: 0 VA, 136 AMPS

PANEL RELOCATED 208Y/120V 3PH 4W

BUS RATING: 225A
MAIN C.B. RATING: M10
PANEL FEED RATING: 150A
SHUNT TRIP MAIN: NO

LOAD	A	B	C	A	P	R	L	M	M	L	R	P	A	A	B	C	LOAD		
1 OFF RECEPT	500			20	1	1	A	-	2	1	20		700				SYSTEMS FURN	3	
1 S.E. OFF		500		20	1	3	B	-	4	1	20		700				SYSTEMS FURN	3	
1 S.E. OFF			500	20	1	5	-	C	6	3	20		700				SYSTEMS FURN	3	
1 LEASE AREA LITG	500			20	1	7	A	-	8	1	20								
1 CONF RM LITG		500		20	1	9	B	-	10	1	20								
3 EF-3.2			500	20	1	11	-	C	12	1	20							SYSTEMS FURN	3
3 EF-4				20	1	13	A	-	14	3	20		700					SYSTEMS FURN	3
3 EF-3				20	1	15	B	-	16	1	20							SYSTEMS FURN	3
3 SPARE				20	1	17	-	C	18	1	20							SYSTEMS FURN	3
3 SPARE				20	1	19	A	-	20	1	20							SYSTEMS FURN	3
3 HP-4.1	3465			40	3	1	21	B	-	22	1	20						SYSTEMS FURN	3
.....				40	3	2	23	-	C	24	1	30						SYSTEMS FURN	3
.....				40	3	3	25	A	-	26	1	30						SYSTEMS FURN	3
3 W&S			2666	40	3	1	27	B	-	28	1	30						SPACE	3
.....				40	3	2	29	-	C	30	1	30						SPACE	3
.....				40	3	3	31	A	-	32	1	30						SPACE	3
TOTAL	2866	7681	7431										6265	6265	6565				

PHASE SUBTOTALS: A - 13946 VA, B - 13946 VA, C - 12944 VA, TOTAL= 40836 VA

RECEPT DIVERSITY: 0 VA, LITG: 0 VA, MOTOR/MISC: 25500 VA

THROUGH FEED LOAD: 0 VA, 142 AMPS

SHEET NOTES:

- EXISTING FEEDER TO REMAIN, NO NEW WORK.
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN, NO NEW WORK.
- EXISTING ELECTRICAL EQUIPMENT WITH REVISED LOAD, SEE UPDATED PANEL SCHEDULES.
- INTERCEPT AND EXTEND EXISTING FEEDER AND BRANCH CIRCUITS AS NECESSARY FOR PANEL RELOCATION.
- DEMO EXISTING PANEL AND FEEDER BACK TO SOURCE.

SINGLELINE NOTES

- VERTICAL BUS MAY BE TAPERED TO NOT LESS THAN 1/3 THE APPROPRIATE RATING OF THE MAIN HORIZONTAL BUS.
- HORIZONTAL AND VERTICAL BUS SHALL BE FULL LENGTH AND BE RATED NO LESS THAN THE NOTED AIC RATED VALUE.
- CONTRACTOR SHALL SUBMIT SWITCHBOARD SHOP DRAWINGS TO THE SERVING UTILITY FOR APPROVAL PRIOR TO FABRICATION. SWITCHBOARD SHALL COMPLY WITH SOGIE REQUIREMENTS.
- CONTRACTOR TO SUBMIT 1/4" PLAN TO ENGINEER OF PROPOSED SWITCHGEAR LAYOUT TO CONFORM WITH MANUFACTURER'S SHOP DRAWINGS. SHOP DRAWING TO BE SUBMITTED AND APPROVED PRIOR TO UNDERGROUND ROUGH-IN.
- ALL BUSES SHALL BE CURRENT LIMITING CLASS RMK, TYPE LTPS-NK-SP, (FAST ACTION 480V).
- ALL CONDUCTORS FEEDING PANELBOARDS SHALL BE COPPER TYPE THHN WITH EBT CONDUIT. BRANCH CIRCUIT AND FEEDER CABLES IN ALL SIZES SHALL HAVE THN, THHN OR THHN INSULATION WITH EBT CONDUIT. AC CABLE IS NOT ALLOWED TO BE INSTALLED. AN EQUIPMENT GROUND CONDUCTOR SHALL BE IN ALL FLEXIBLE CONDUITS. #6-48 TO BE USED AT ALL EXTERIOR LOCATION PANEL FEEDERS.
- ALL EQUIPMENT SHOWN IS EXISTING UNLESS NOTED OTHERWISE.
- ALL TERMINATION LUGS OF PANELS AND SWITCHBOARDS TO BE RATED TO ACCEPT 75 DEGREE CONDUCTORS.
- ALL MULTIPLE BRANCH CIRCUITS SHALL BE INSTALLED WITH DEDICATED NEUTRALS ROUTED IN HOPEKITA TO THE PANEL FOR EACH CIRCUIT BEING UTILIZED PER NEC 2008 SECTION 250.42).

REMARKS

DATE	BY	REMARKS
2011.09.09	PA	PLAN CHECK RE-SUBMITAL
2011.10.10	PA	ISSUE FOR CONSTRUCTION

SINGLELINE DIAGRAM

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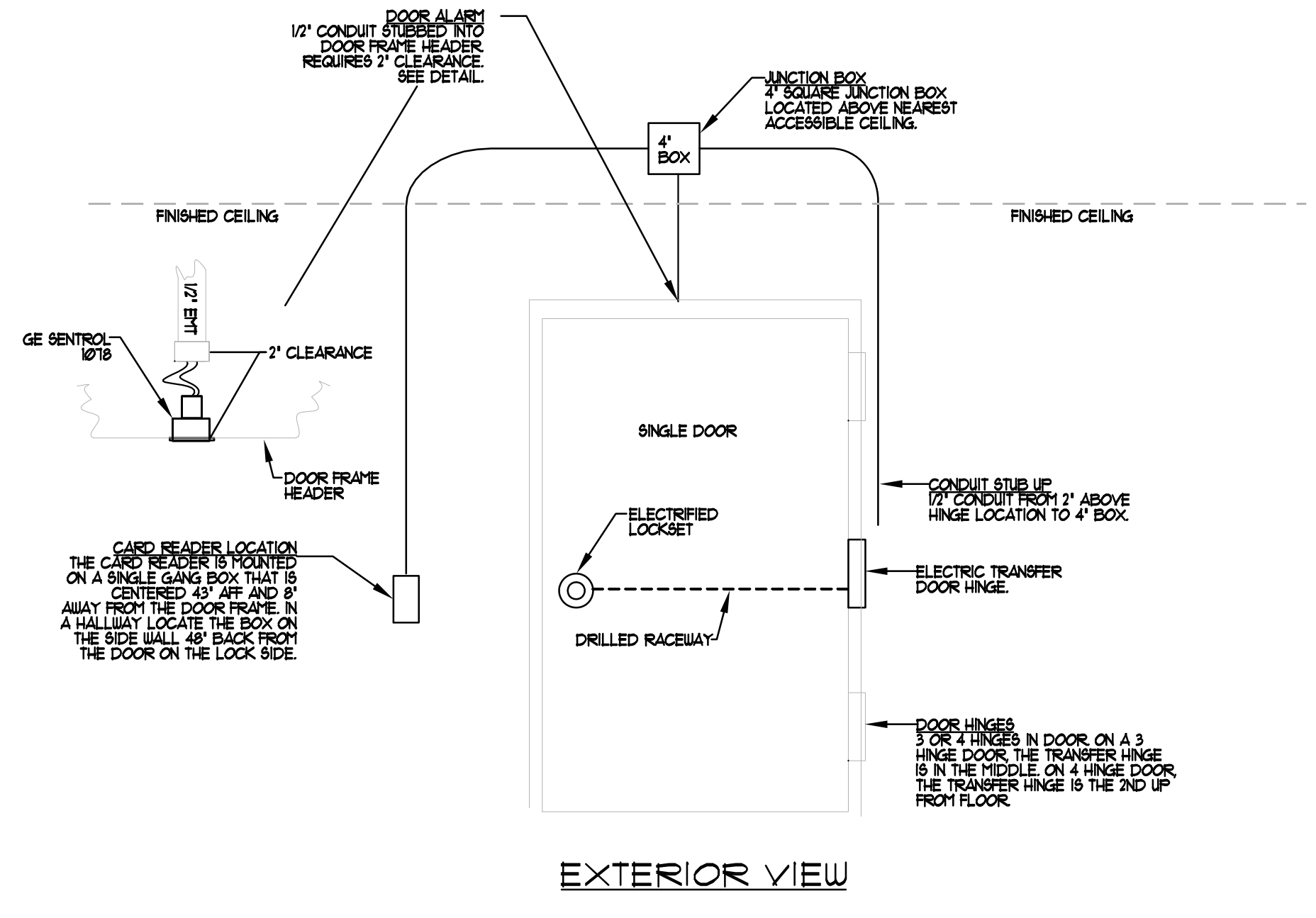
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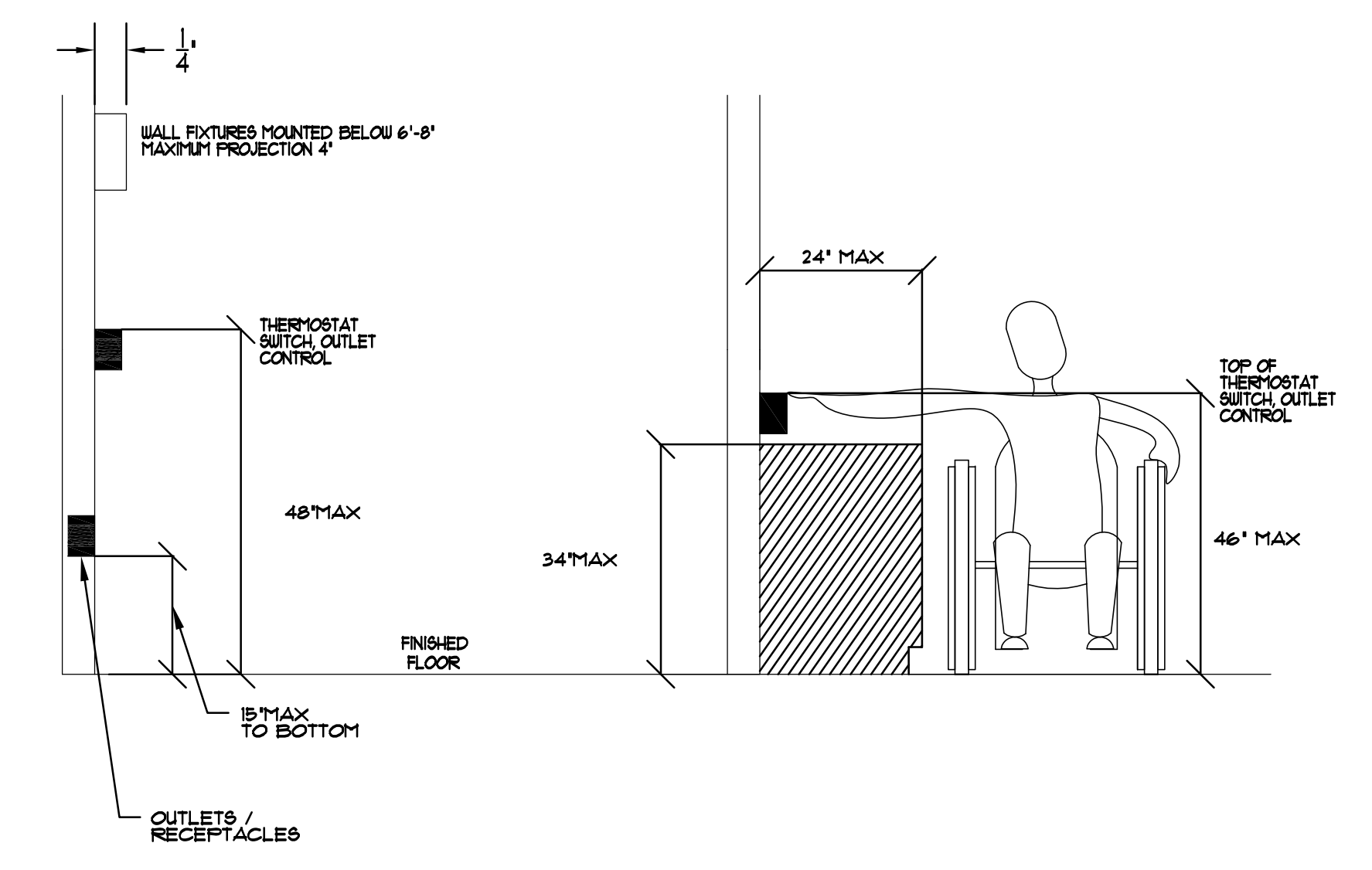
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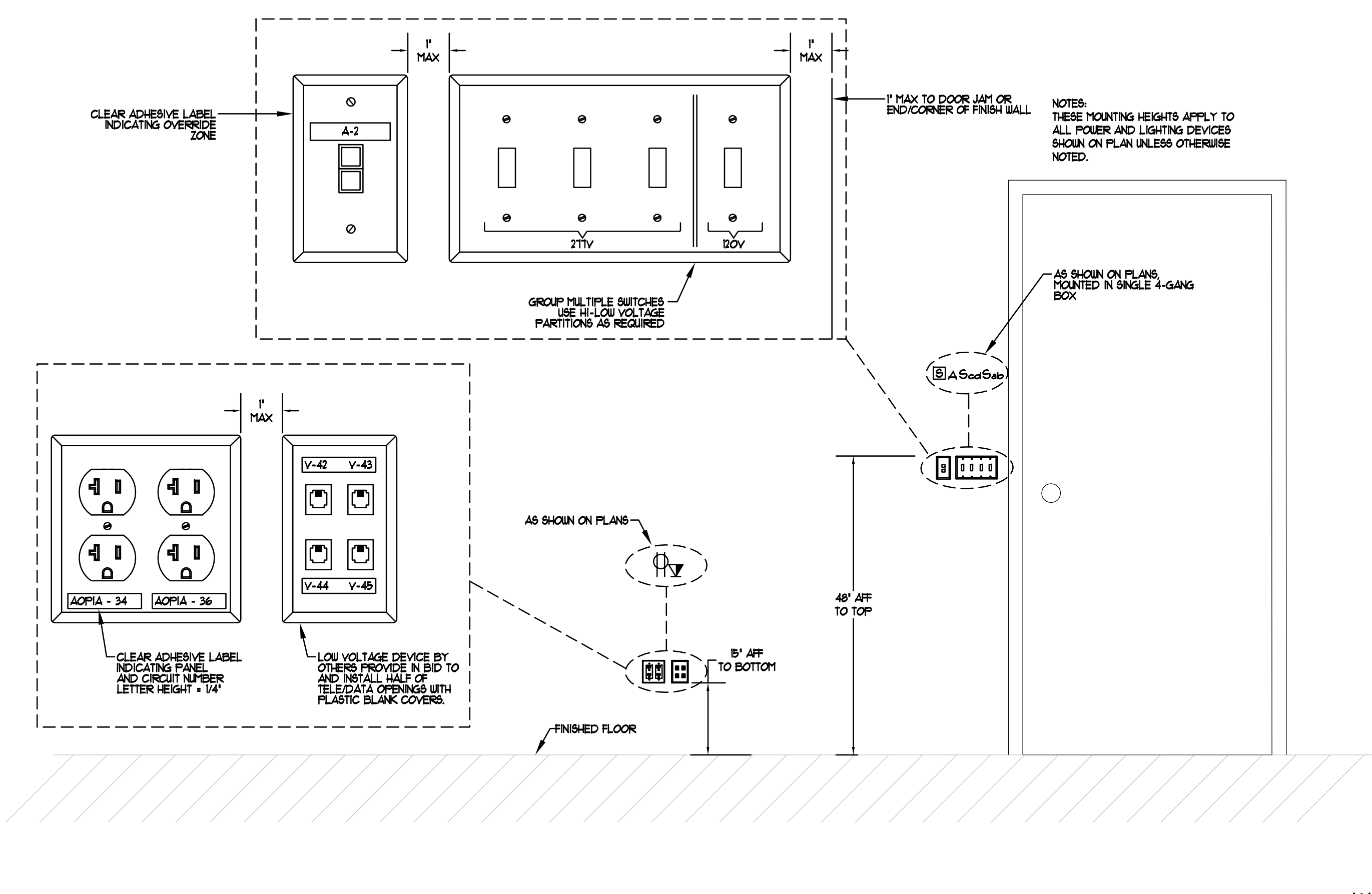
CONDUIT LAYOUT FOR SINGLE DOOR WITH CARD READER AND ELECTRIFIED LOCKSET

16050-52
4



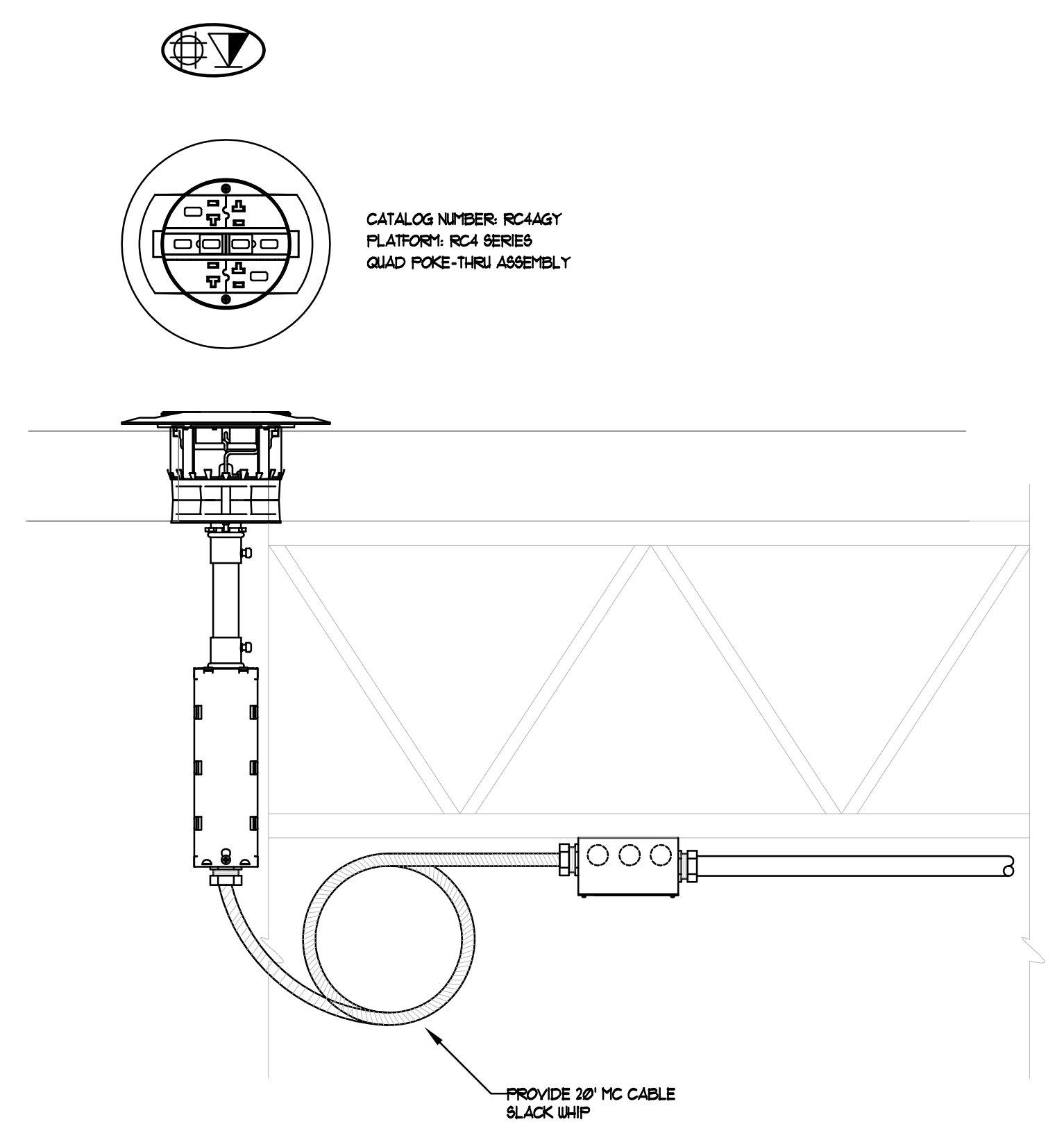
ADA MOUNTING HEIGHT DETAIL

16050-38
1



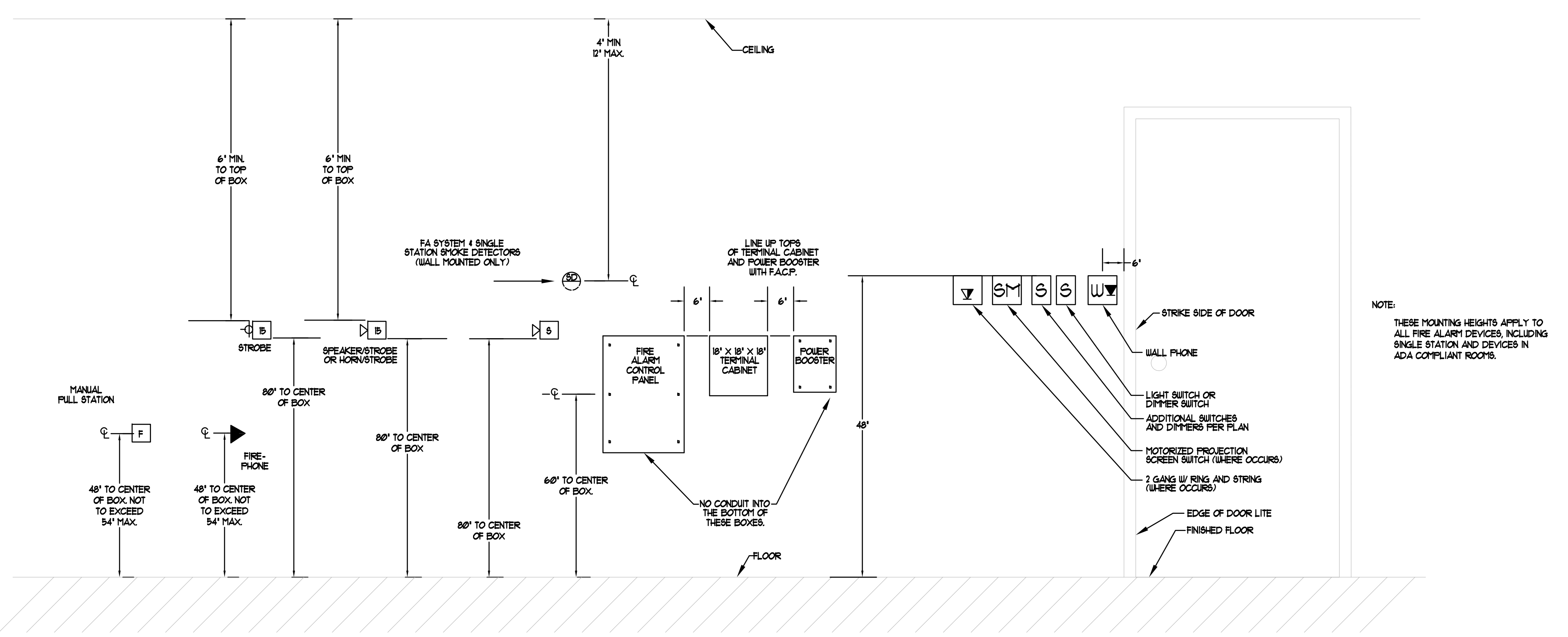
TYPICAL SWITCH AND RECEPTACLE W/ LOW VOLTAGE MOUNTING HEIGHT DETAIL

16130-05
5



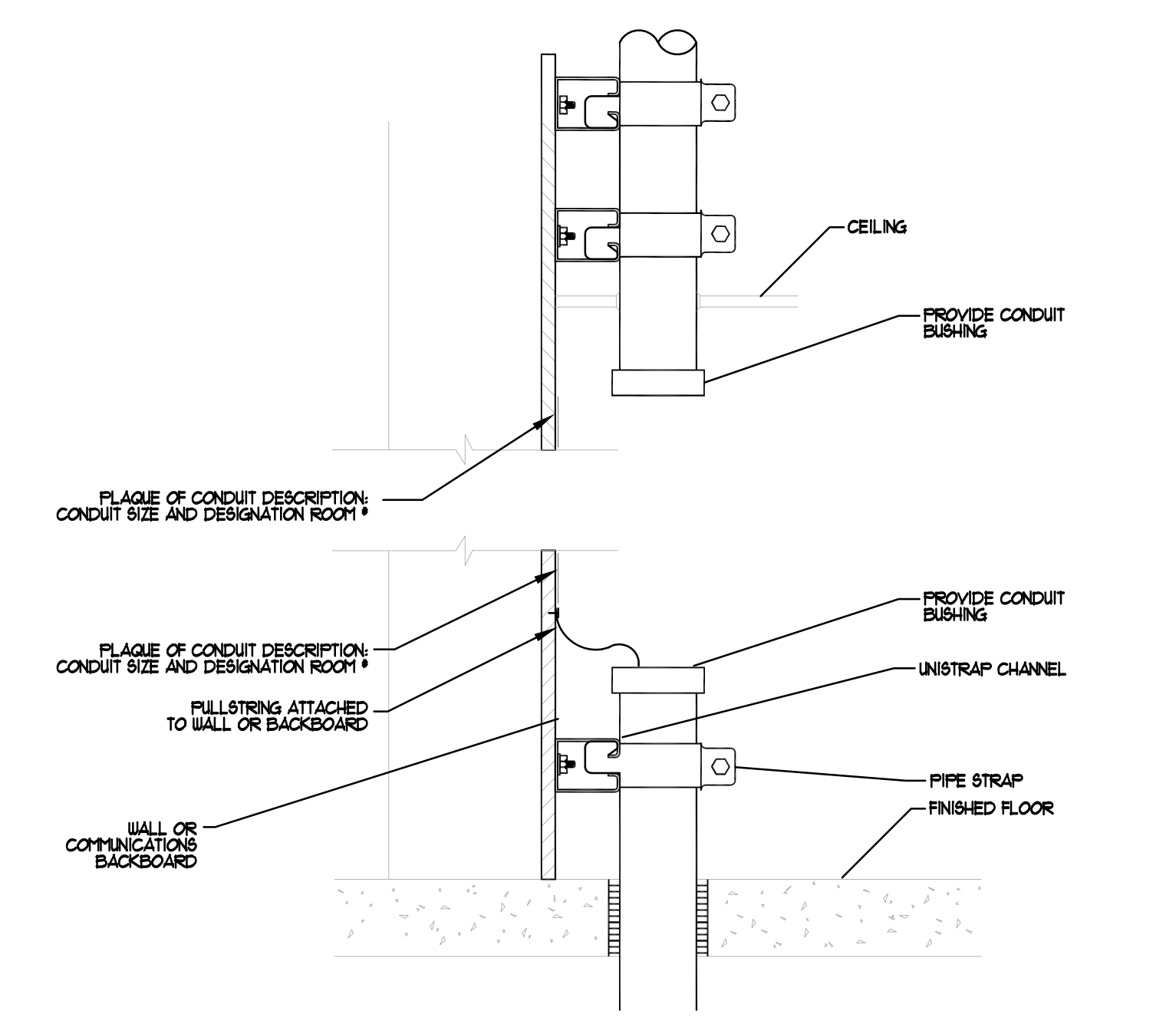
RATED POKE-THROUGH DETAIL

16130-24
2



MOUNTING HEIGHTS DETAIL

16050-34
6



TYPICAL TEL/DATA CONDUIT SLEEVE PENETRATION

16050-40
3

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DETAIL SHEET

DATE	REVISIONS	DATE	REVISIONS
2011.10.09	PLAN CHECK	10	
2011.10.10	PLAN CHECK RE-SUBMITAL	11	
	ISSUE FOR CONSTRUCTION	12	
		13	
		14	
		15	
		16	

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ELECTRICAL ENGINEERING

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San Diego, CA 92127
p: 858.673.4445
f: 858.673.4446
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REGISTERED PROFESSIONAL ENGINEER
DANIEL W. MAYO
E018377
STATE OF CALIFORNIA
ELECTRICAL

1-243

S:\lpro\11243 6863 Friars Road T1\Drawings\LE1.1124305.dwg 15:27:07 12/07/2011 CAD

PACKAGED HEAT PUMP UNIT SCHEDULE table with columns for MARK, MANUFACTURER, MODEL, SERVICE, TOTAL COOLING MBH (ARI), SENSIBLE COOLING MBH (ARI), HEATING MBH (ARI), CFM, FAN RPM /SPEED, MOTOR H.P., O.S.A. CFM, E.S.P. (IN. W.G.), SEER CLG, EER CLG, HSPF HTG., ELECTRICAL VOLTS, PH, HZ., MIN. O.KT. AMPS, MOCF, TOTAL OPER. WEIGHT (LBS.), and REMARKS.

EXHAUST FAN SCHEDULE table with columns for MARK, MANUFACTURER, MODEL, TYPE, AREA SERVED, CFM, E.S.P. (IN. W.G.), FAN RPM, HP, ELECTRICAL VOLTS, PH, HZ., OPER. WEIGHT (LBS.), and REMARKS.

MECHANICAL PLAN CHECK NOTES: 1. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PER SECTION 112 & 122 OF THE STATE OF CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARD (E.E.S.)...

MECHANICAL GENERAL NOTES: 1. ALL BRANCH DUCTS TO HAVE BALANCE DAMPERS WITH QUADRANT LOCKS. 2. ALL DUCT SIZES SHOWN ARE NET INSIDE DIMENSIONS.

MECHANICAL LEGEND table with columns for SYMBOL, ABBR., and DESCRIPTION. Includes symbols for ceiling diffuser, return air grille, transfer air grille, exhaust air grille, supply air duct, return air duct, exhaust air duct, duct with sound insulation, smoke/fire damper, manual volume damper, flexible duct connection, duct rise/drop, capped duct/pipe, flexible duct work, duct work transition, rectangular duct with turning vanes, undercut door, thermostat/equip. mark number, wall mounted on/off switch, smoke detector, outside air, normally open, normally closed, pressure drop, combustion air, above finished floor, up through roof, with, unless noted otherwise, sidewall supply register, sidewall return register, and point of connection.

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (ENV-1C) for 8663 Friars Road. Includes sections for Documentation Author's Declaration, Principal Designer's Declaration, Envelope Mandatory Measures, and INSTRUCTIONS TO APPLICANT ENVELOPE COMPLIANCE & WORKSHEETS.

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (MECH-1C) for 8663 Friars Road. Includes sections for Documentation Author's Declaration, Principal Mechanical Designer's Declaration, Mandatory Measures, and MECHANICAL COMPLIANCE FORMS & WORKSHEETS.

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (MECH-1C) for 8663 Friars Road. Includes Required Acceptance Tests, Enforcement Agency, and a detailed Test Description table with columns for MECH-2A through MECH-11A.

MARWAHA GROUP logo and contact information: 6863 Friars Road, Flr 2 & 3, San Diego, California. Includes MarwaHa Group logo and WARE MALCOLM logo.

MECHANICAL SCHEDULES, LEGEND, NOTES & T-24 table with columns for DATE, REVISIONS, and REMARKS. Includes MDC logo and contact information: Marino Design Consulting, Inc., 7757 Eagle Ridge Dr., San Diego, Ca, 92119.

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Page 1 of 5) MECH-1C
 Project Name: 6863 Friars Road Date: 8-5-11 Climate Zone: 7
 Project Address: 6863 Friars Road San Diego, Ca Conditioned Floor Area: 19500

General Information
 Building Type: Nonresidential High-Rise Residential Hotel/Motel Guest Room
 Schools (Public School) Relocatable Public School Bldg. Conditioned Spaces Unconditioned Spaces
 Phase of Construction: New Construction Addition Alteration
 Approach of Compliance: Component Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: N

HVAC SYSTEM DETAILS

Equipment	Inspection Criteria	Meets Criteria or Requirements	
		Pass	Fail - Describe Reason ¹
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP3-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equipment Type ²	Heat Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No. of Systems	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Heating Capacity ³	26.03 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Heating Efficiency ³	7.7 HSPF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Cooling Capacity ³	29.0 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling Efficiency ³	13.5 SEER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duct Location/ R-Value	R-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Economizer	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat	Programmable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Control	Constant	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Page 1 of 5) MECH-1C
 Project Name: 6863 Friars Road Date: 8-5-11 Climate Zone: 7
 Project Address: 6863 Friars Road San Diego, Ca Conditioned Floor Area: 19500

General Information
 Building Type: Nonresidential High-Rise Residential Hotel/Motel Guest Room
 Schools (Public School) Relocatable Public School Bldg. Conditioned Spaces Unconditioned Spaces
 Phase of Construction: New Construction Addition Alteration
 Approach of Compliance: Component Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: N

HVAC SYSTEM DETAILS

Equipment	Inspection Criteria	Meets Criteria or Requirements	
		Pass	Fail - Describe Reason ¹
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP4-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equipment Type ²	Heat Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No. of Systems	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Heating Capacity ³	28.6 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Heating Efficiency ³	8.20 HSPF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Cooling Capacity ³	61.5 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling Efficiency ³	15.0 SEER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duct Location/ R-Value	R-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Economizer	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat	Programmable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Control	Constant	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Page 1 of 5) MECH-1C
 Project Name: 6863 Friars Road Date: 8-5-11 Climate Zone: 7
 Project Address: 6863 Friars Road San Diego, Ca Conditioned Floor Area: 19500

General Information
 Building Type: Nonresidential High-Rise Residential Hotel/Motel Guest Room
 Schools (Public School) Relocatable Public School Bldg. Conditioned Spaces Unconditioned Spaces
 Phase of Construction: New Construction Addition Alteration
 Approach of Compliance: Component Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: N

HVAC SYSTEM DETAILS

Equipment	Inspection Criteria	Meets Criteria or Requirements	
		Pass	Fail - Describe Reason ¹
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP4-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equipment Type ²	Heat Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No. of Systems	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Heating Capacity ³	20.99 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Heating Efficiency ³	7.7 HSPF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Cooling Capacity ³	22.23 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling Efficiency ³	13.5 SEER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duct Location/ R-Value	R-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Economizer	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat	Programmable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Control	Constant	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Page 1 of 5) MECH-1C
 Project Name: 6863 Friars Road Date: 8-5-11 Climate Zone: 7
 Project Address: 6863 Friars Road San Diego, Ca Conditioned Floor Area: 19500

General Information
 Building Type: Nonresidential High-Rise Residential Hotel/Motel Guest Room
 Schools (Public School) Relocatable Public School Bldg. Conditioned Spaces Unconditioned Spaces
 Phase of Construction: New Construction Addition Alteration
 Approach of Compliance: Component Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: N

HVAC SYSTEM DETAILS

Equipment	Inspection Criteria	Meets Criteria or Requirements	
		Pass	Fail - Describe Reason ¹
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP4-6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equipment Type ²	Heat Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No. of Systems	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Heating Capacity ³	18.4 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Heating Efficiency ³	8.0 HSPF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Cooling Capacity ³	36.7 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling Efficiency ³	15.6 SEER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duct Location/ R-Value	R-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Economizer	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat	Programmable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Control	Constant	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Page 1 of 5) MECH-1C
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 Approach of Compliance: Component Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: N

HVAC SYSTEM DETAILS

Equipment	Inspection Criteria	Meets Criteria or Requirements	
		Pass	Fail - Describe Reason ¹
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP4-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equipment Type ²	Heat Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No. of Systems	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Heating Capacity ³	18.4 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Heating Efficiency ³	8.0 HSPF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Cooling Capacity ³	36.7 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling Efficiency ³	15.6 SEER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duct Location/ R-Value	R-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Economizer	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat	Programmable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Control	Constant	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Page 1 of 5) MECH-1C
 Project Name: 6863 Friars Road Date: 8-5-11 Climate Zone: 7
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 Approach of Compliance: Component Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: N

HVAC SYSTEM DETAILS

Equipment	Inspection Criteria	Meets Criteria or Requirements	
		Pass	Fail - Describe Reason ¹
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP4-10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equipment Type ²	Heat Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No. of Systems	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Heating Capacity ³	18.4 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Heating Efficiency ³	8.0 HSPF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Allowed Cooling Capacity ³	34.9 MBH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling Efficiency ³	15.6 SEER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duct Location/ R-Value	R-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Economizer	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat	Programmable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Control	Constant	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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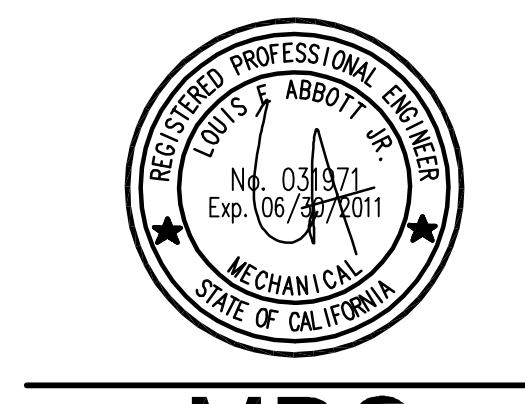
Marwaha GROUP

MARWAHA GROUP
 6863 FRIARS ROAD, FLR 2 & 3
 SAN DIEGO, CALIFORNIA

DATE	REVISIONS	DATE	REVISIONS
2011.10.10	PLAN CHECK RE-SUBMITTAL		
2012.01.05	ISSUE FOR CONSTRUCTION		

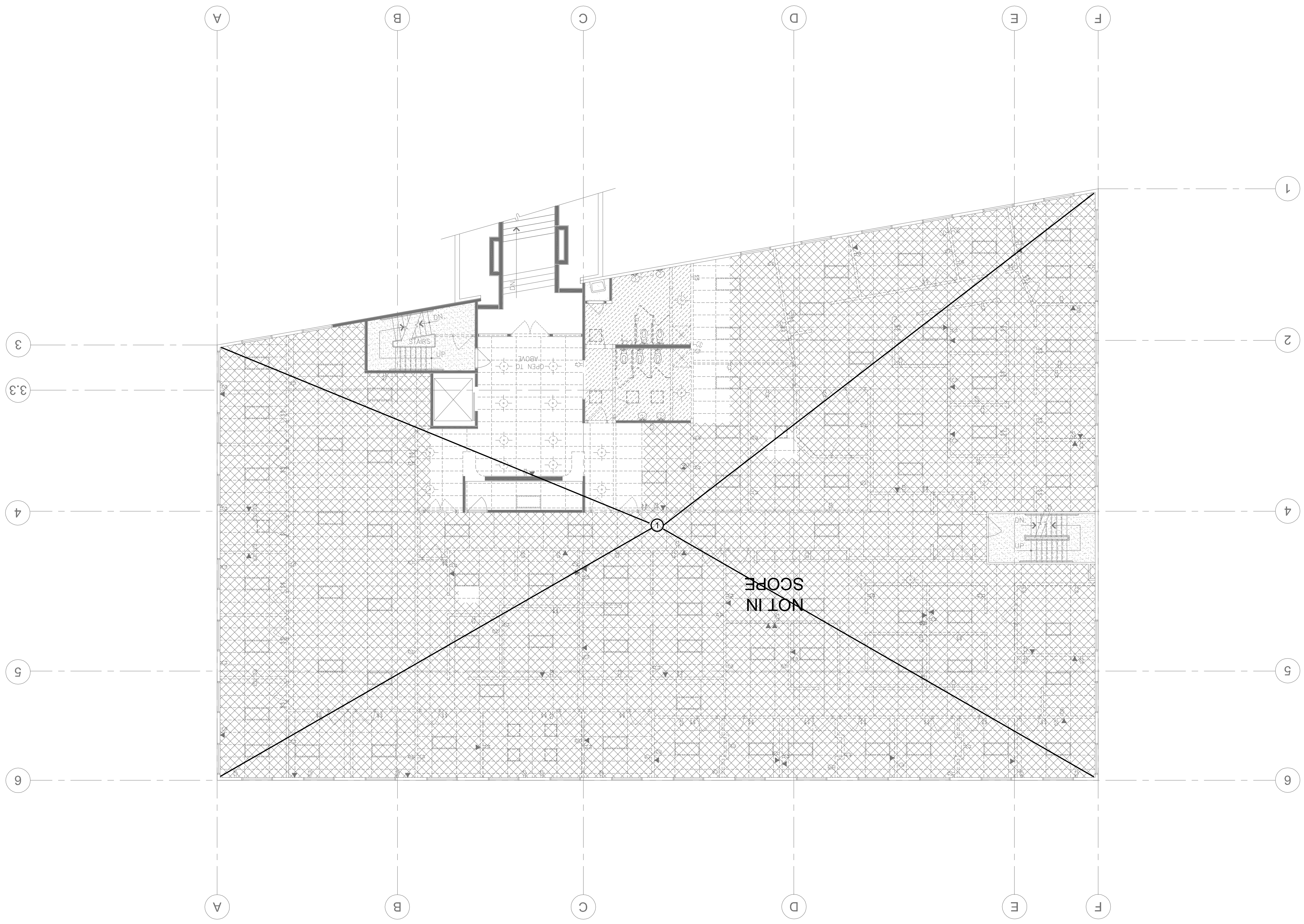
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I:\MDC Files\2011\1128 6863 Friars Road\1128 Marwaha Group 6863 Friars Road\DWGS\M2.1_3RD FLOOR PLAN - MECH DEMO.dwg



THIRD FLOOR PLAN - MECHANICAL DEMOLITION
SCALE: 1/8"=1'-0"

DEMOLITION NOTES

- ① REMOVE ALL 4-PIPE FAN COIL UNITS, CHILLED WATER SUPPLY AND RETURN PIPING, DIFFUSERS, REGISTERS, EXHAUST FANS, SPLIT SYSTEM FAN COILS AND THERMOSTATS FOR THE ENTIRE FLOOR.



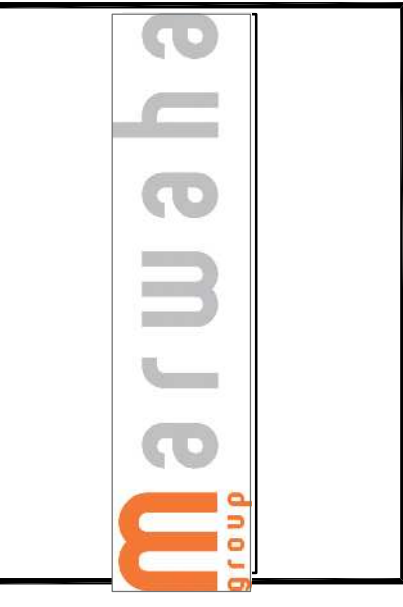
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THIRD FLOOR PLAN - MECHANICAL DEMOLITION	
DATE	REVISIONS
2011.09.09	PLAN CHECK REVISIONS
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

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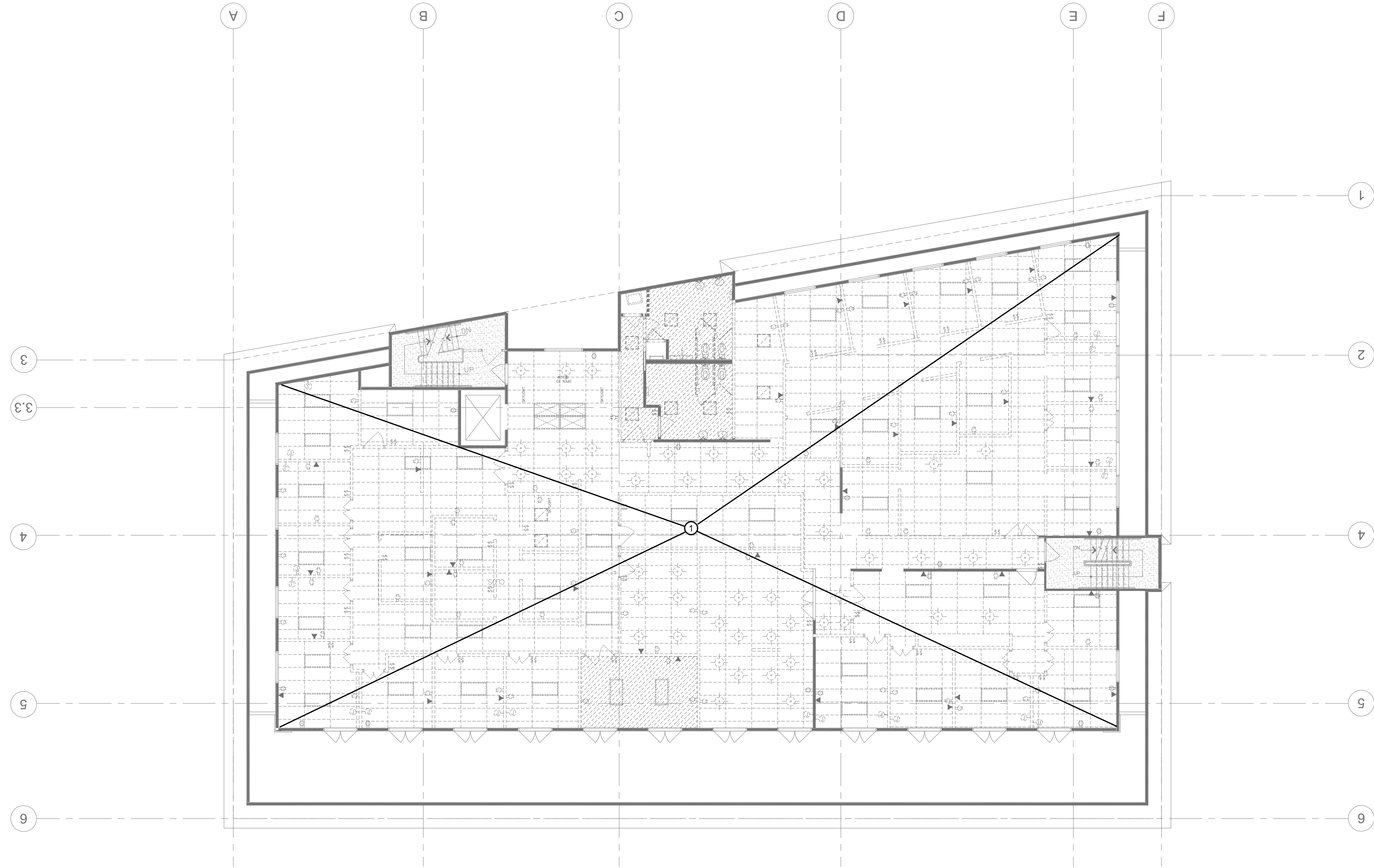
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FOURTH FLOOR PLAN - MECHANICAL DEMOLITION
SCALE: 1/8"=1'-0"

DEMOLITION NOTES

- 1 REMOVE ALL 4-PIPE FAN COIL UNITS, CHILLED WATER SUPPLY AND RETURN PIPING, DIFFUSERS, REGISTERS, EXHAUST FANS, SPLIT SYSTEM FAN COILS AND THERMOSTATS FOR THE ENTIRE FLOOR.

I:\MDC Files\2011\1128 6863 Friars Road\1128 MarwaHa Group 6863 Friars Road\DWGS\M2.2 4TH FLOOR PLAN - MECH DEMO.dwg



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FOURTH FLOOR PLAN - MECHANICAL DEMOLITION		REVISIONS	DATE	REMARKS
DATE	BY	REVISIONS		
2011.09.09		PLAN CHECK		
2011.10.10		PLAN CHECK		RE-SUBMITAL
2012.01.05		ISSUE FOR CONSTRUCTION		

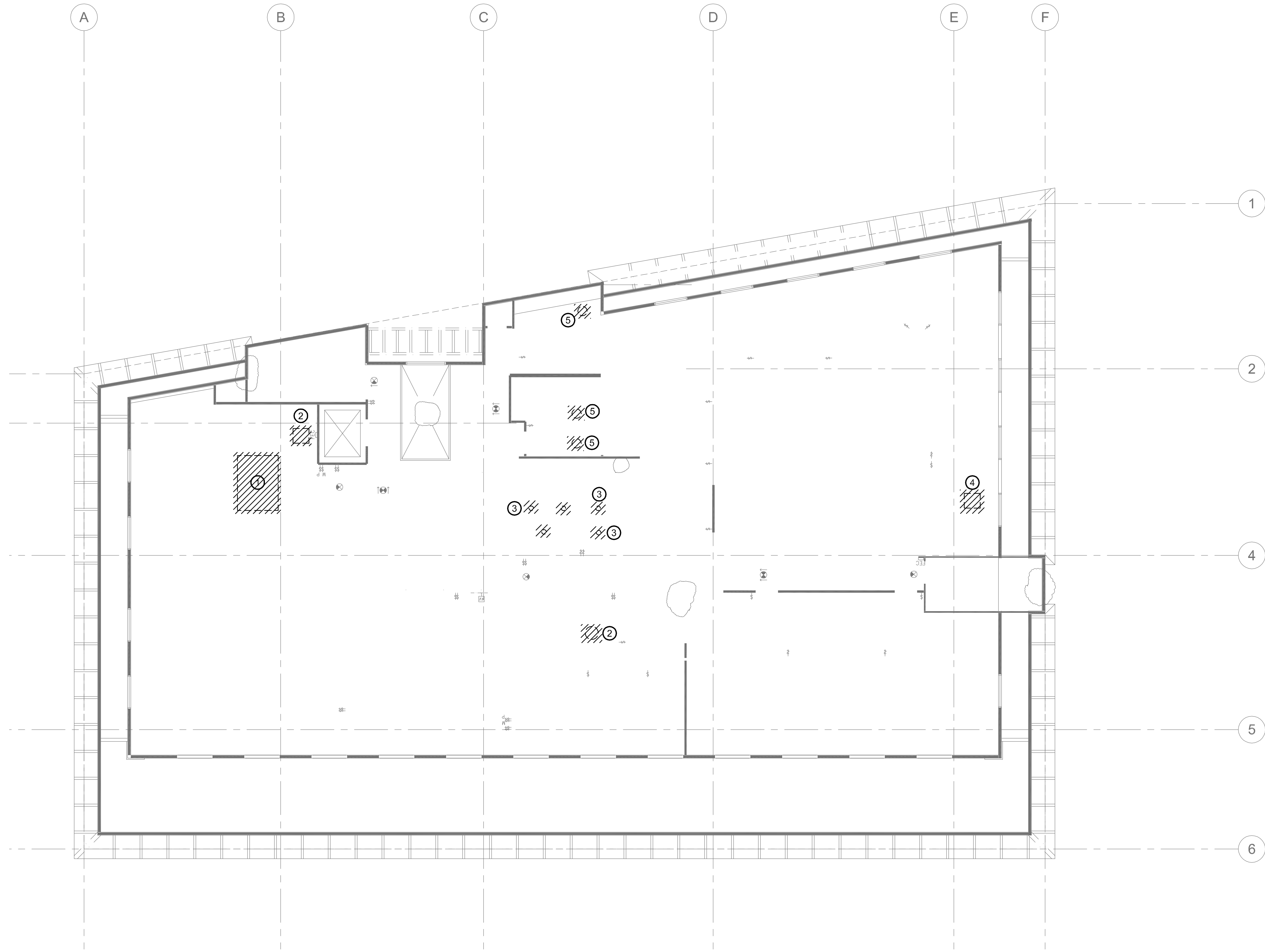
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I:\MDC Files\2011\1128 6863 Friars Road\1128 Marwaha Group 6863 Friars Road\DWGS\M2.3 MECH ROOF PLAN - DEMO.dwg



MECHANICAL ROOF PLAN - DEMOLITION

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

DEMOLITION NOTES

- ① REMOVE EXISTING 55 TON DX CHILLER / CONDENSING UNIT AND RELATED PIPING ALONG WITH 55 TON CHILLER WITHIN AT THE 1ST FLOOR & ALL CHILLED WATER PUMPS, CONTROLS AND PIPING.
- ② REMOVE EXISTING EXHAUST FAN AND RELATED DUCTWORK, PATCH ROOF TO MATCH EXISTING.
- ③ REMOVE EXISTING OSA INTAKE ROOF CAPS AND RELATED DUCTWORK, PATCH ROOF TO MATCH EXISTING. (TYP.)
- ④ REMOVE EXISTING CONDENSING UNIT AND RELATED FAN COIL AND REFRIGERANT PIPING.
- ⑤ REMOVE EXISTING EXHAUST ROOF CAPS AND RELATED DUCTWORK, PATCH ROOF TO MATCH EXISTING. (TYP.)

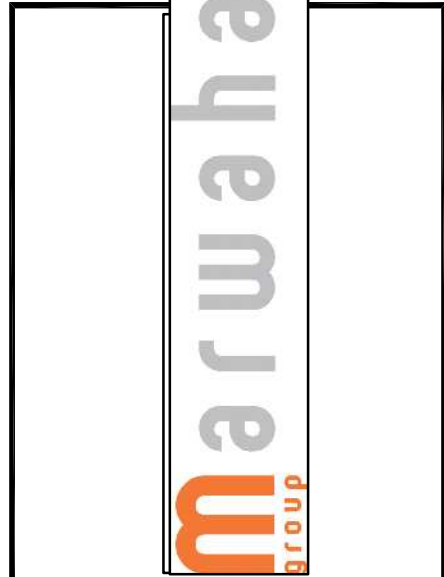


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MECHANICAL ROOF PLAN - DEMOLITION		DATE	REMARKS
DATE	REVISIONS		
2011.09.09	PLAN CHECK		
2011.10.10	PLAN CHECK		
2012.01.05	ISSUE FOR CONSTRUCTION		

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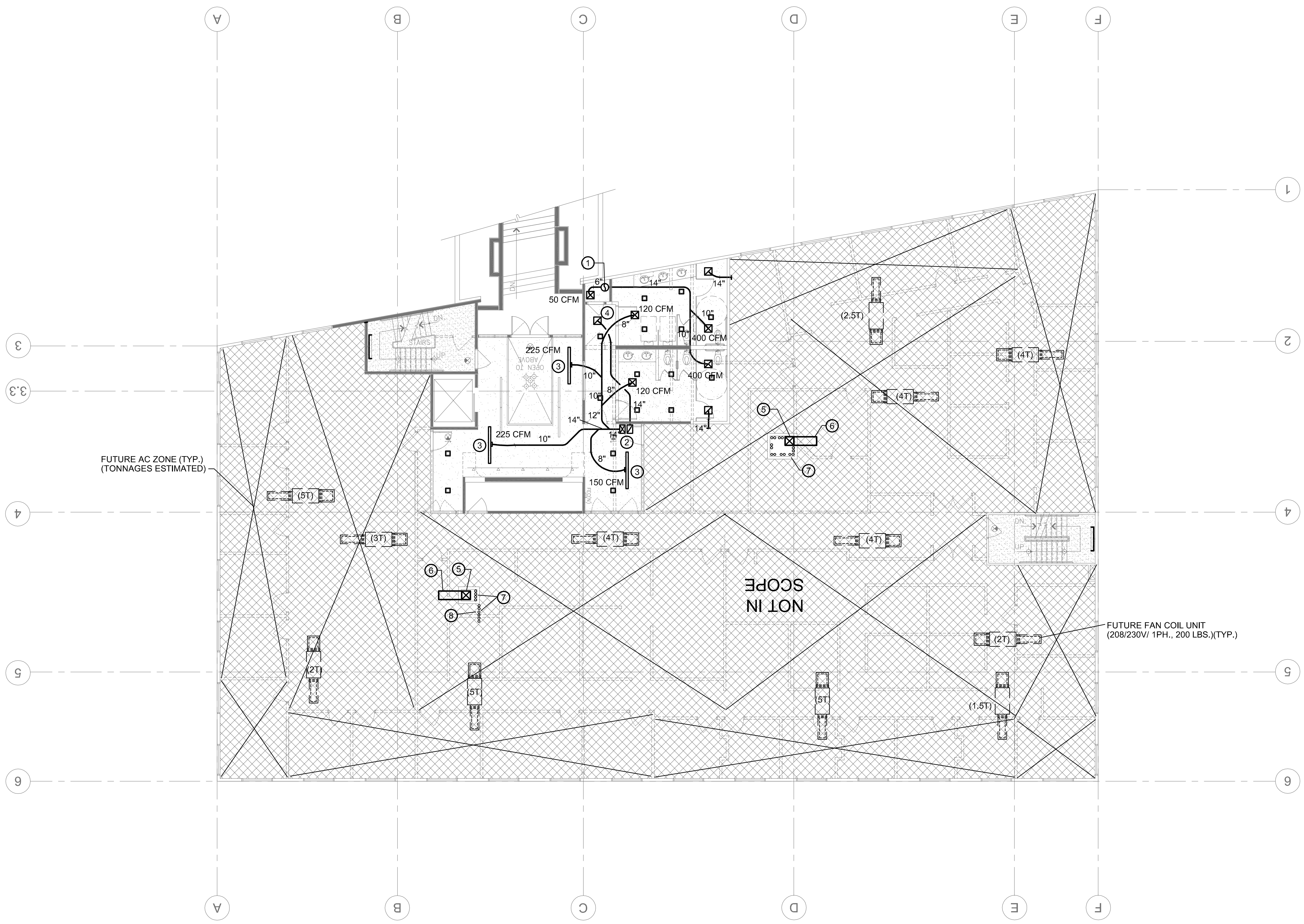
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SECOND FLOOR PLAN - MECHANICAL

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

SHEET NOTES

- ① 14" EXHAUST DUCT UP IN SHAFT TO 3RD FLOOR.
- ② LINED 14"x12" SA AND RA DUCTS UP WITHIN SHAFT TO 3RD FLOOR AND ROOF.
- ③ 6'-0" LINEAR SLOT DIFFUSER OR REGISTER BY TITUS OR KRUEGER.
- ④ TITUS "OMNI" RETURN REGISTER.
- ⑤ 14"x14" OSA DUCT UP IN SHAFT TO 3RD FLOOR.
- ⑥ 14"x14" OSA DUCT CAPPED FOR FUTURE CONNECTION ABOVE CEILING.
- ⑦ SUCTION AND LIQUID (INSULATED) REFRIGERANT LINES UP WITHIN SHAFT OR WALL. CAP ABOVE CEILING FOR FUTURE EXTENSION. (TYP.)
- ⑧ REFRIGERANT PIPING UP WITHIN WALL AT 3RD FLOOR. SEE M3.2.

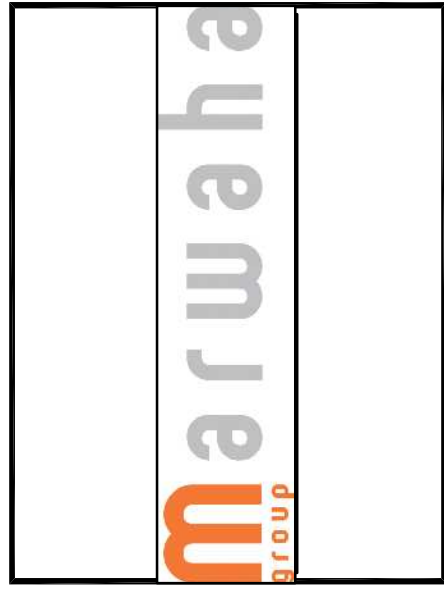


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SECOND FLOOR PLAN - MECHANICAL	
DATE	REVISIONS
2011.09.09	PLAN CHECK - SUBMITTAL
2011.10.10	PLAN CHECK - RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

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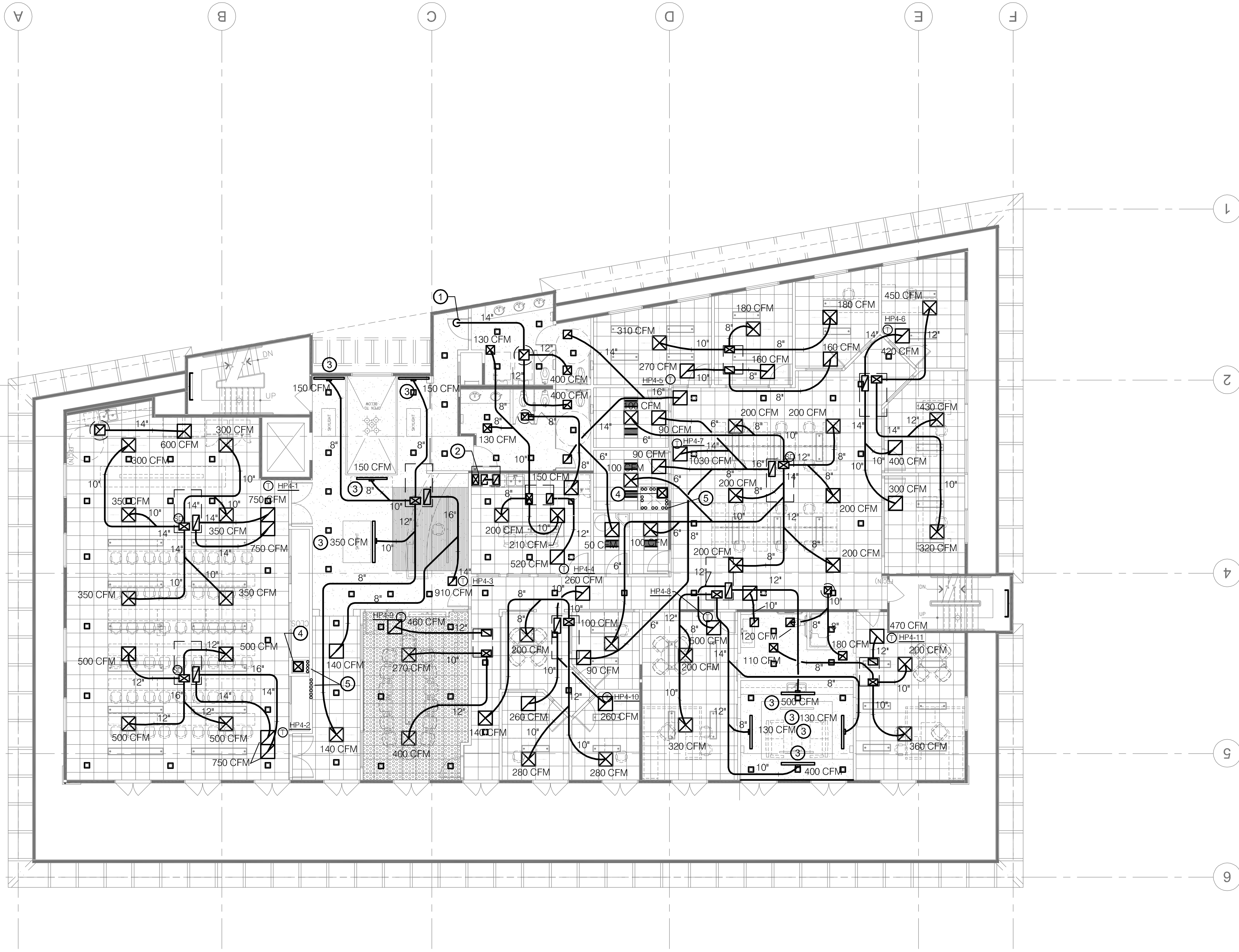
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THIRD FLOOR PLAN - MECHANICAL SCALE: 1/8"=1'-0"

SHEET NOTES

- ① 14" EXHAUST DUCT DN. TO 3RD FLOOR.
- ② 14"x14" SA AND RA DUCTS DOWN WITHIN SHAFT TO FIRST FLOOR
- ③ LINEAR SLOT DIFFUSER / REGISTER - TITUS FLO-BAR OR APPROVED EQUAL BY KRUEGER (TYP.)
- ④ 14"x14" OSA DUCT UP THRU ROOF & DOWN WITHIN SHAFT TO 2ND FLOOR
- ⑤ SUCTION AND LIQUID REFRIGERANT LINES UP THRU ROOF & DN. TO 2ND FLOOR. (TYP.)

GENERAL NOTES

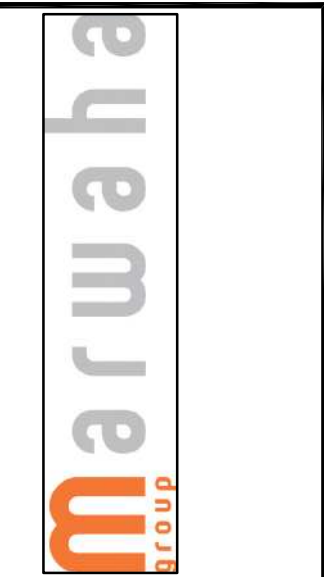
1. DIFFUSERS AND REGISTERS SHALL BE TITUS "OMNI" WITH CENTER PLATE TO MATCH CEILING FINISH COLOR PER ARCHITECTURAL DRAWINGS.



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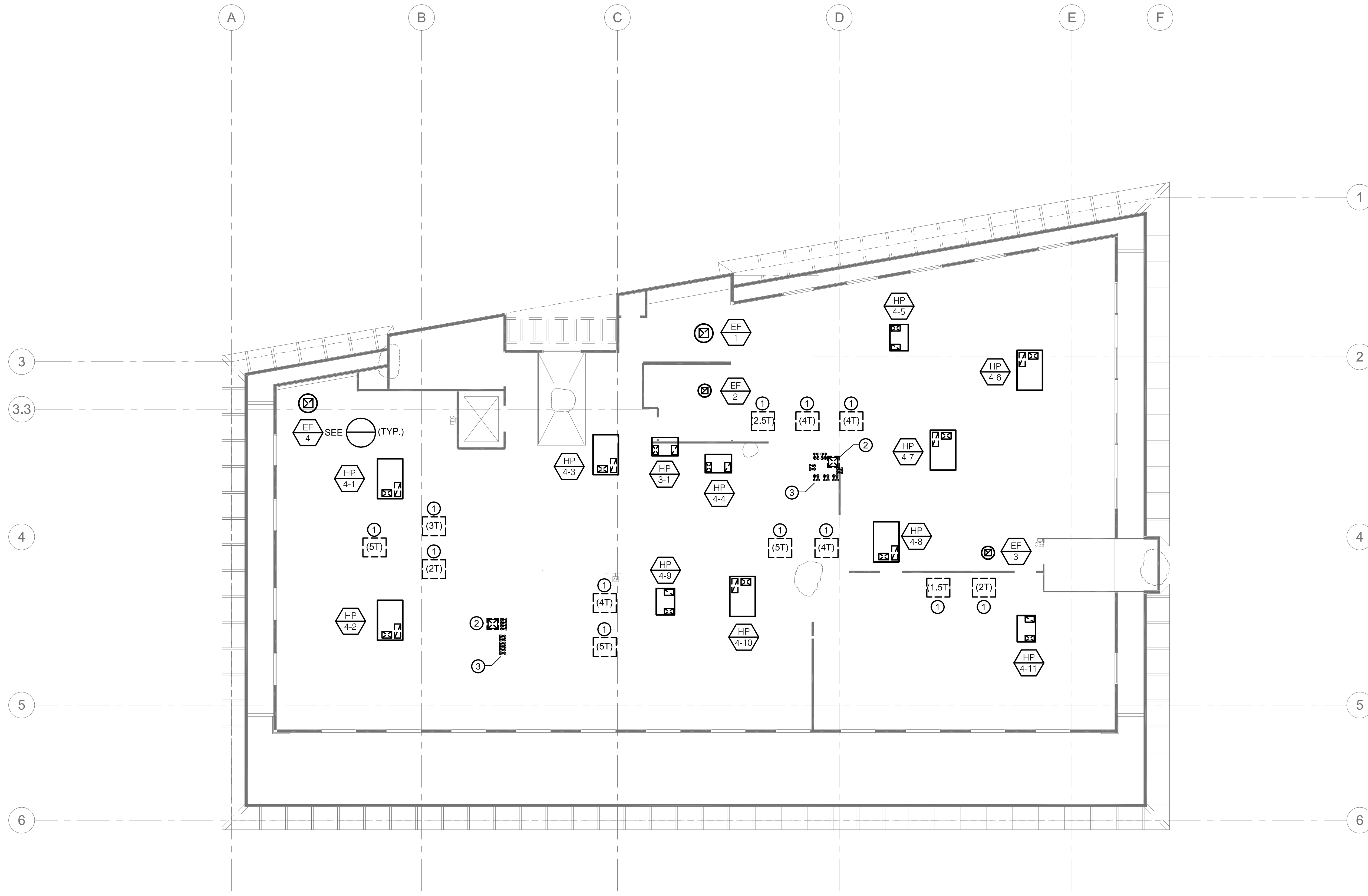


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THIRD FLOOR PLAN - MECHANICAL	
DATE	REMARKS
2011.06.09	PLAN CHECK REVISION
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

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M3.2



MECHANICAL ROOF PLAN

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

SHEET NOTES

- ① FUTURE CONDENSING UNIT FOR FUTURE 2ND FLOOR TENANT. (MAX. OPERATING WEIGHT - 320 LBS.)
- ② FUTURE OUTSIDE AIR SUPPLY AIR FAN FOR FUTURE 2ND FLOOR TENANT FAN COIL UNITS. PROVIDE ROOF CURB AND SHEETMETAL CAP FOR FUTURE SUPPLY FAN. (120V/ 1PH., 1/4 HP, 100 LBS)
- ③ 7/8" SUCTION AND 3/8" O.D. LIQUID REFRIGERANT LINES CAPPED FOR FUTURE EXTENSION (TYP.)

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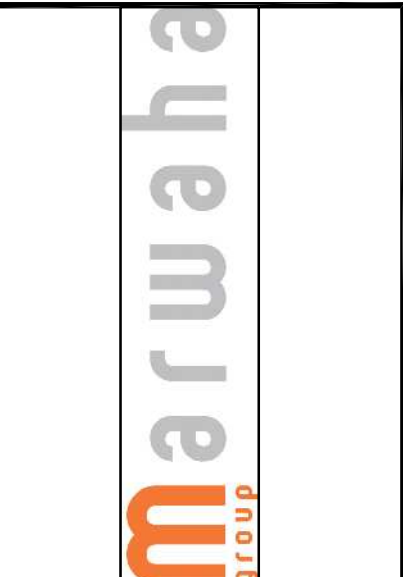


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MECHANICAL ROOF PLAN	
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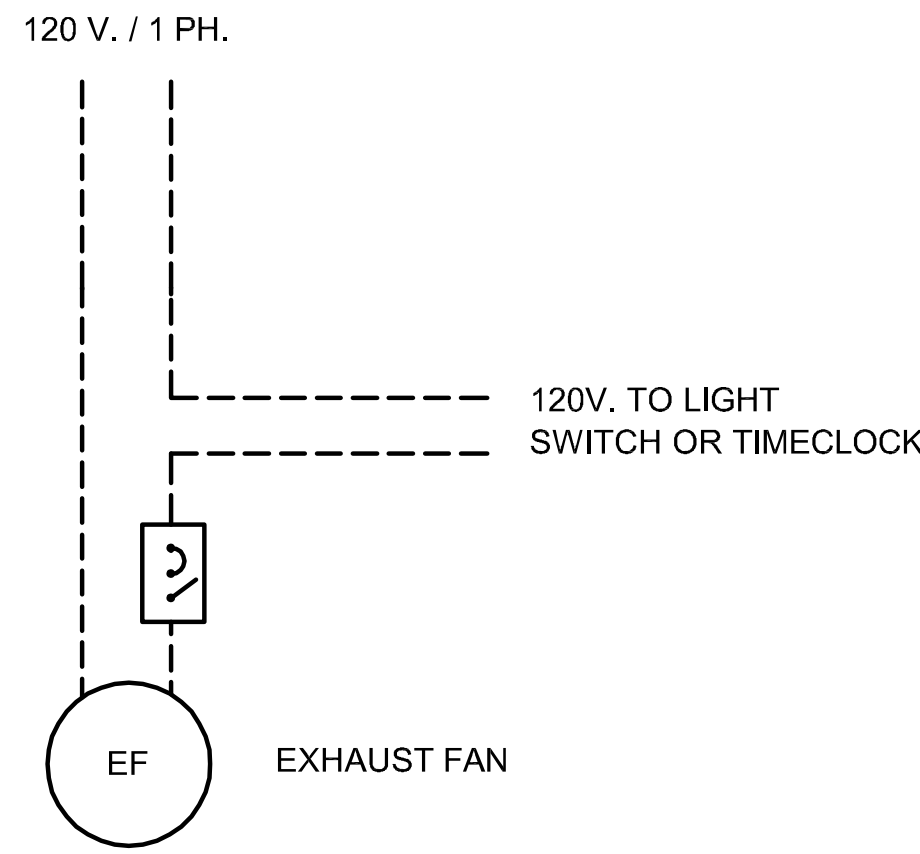


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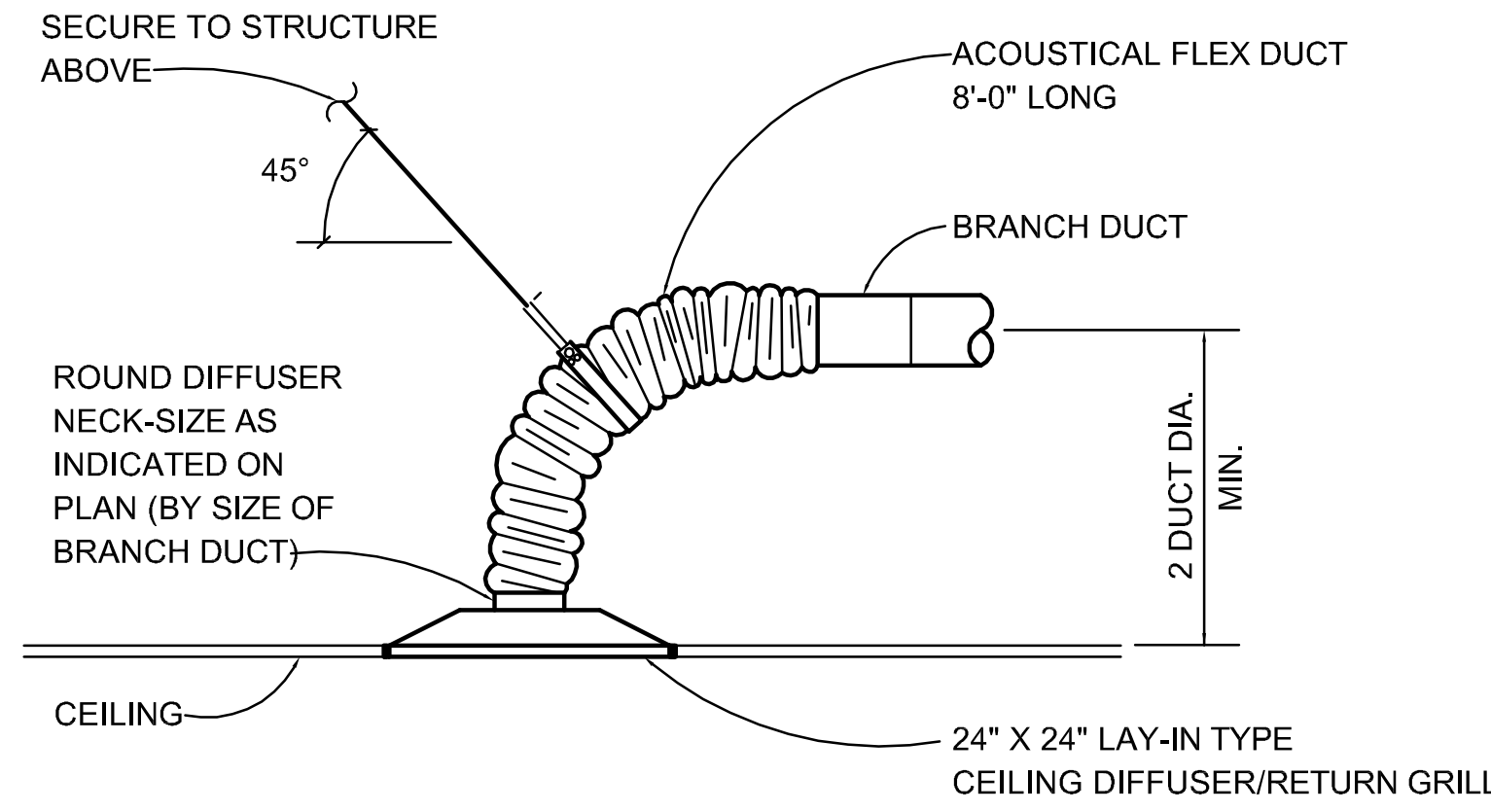
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EXHAUST FAN CONTROL DIAGRAM

NO SCALE

7
M4.1

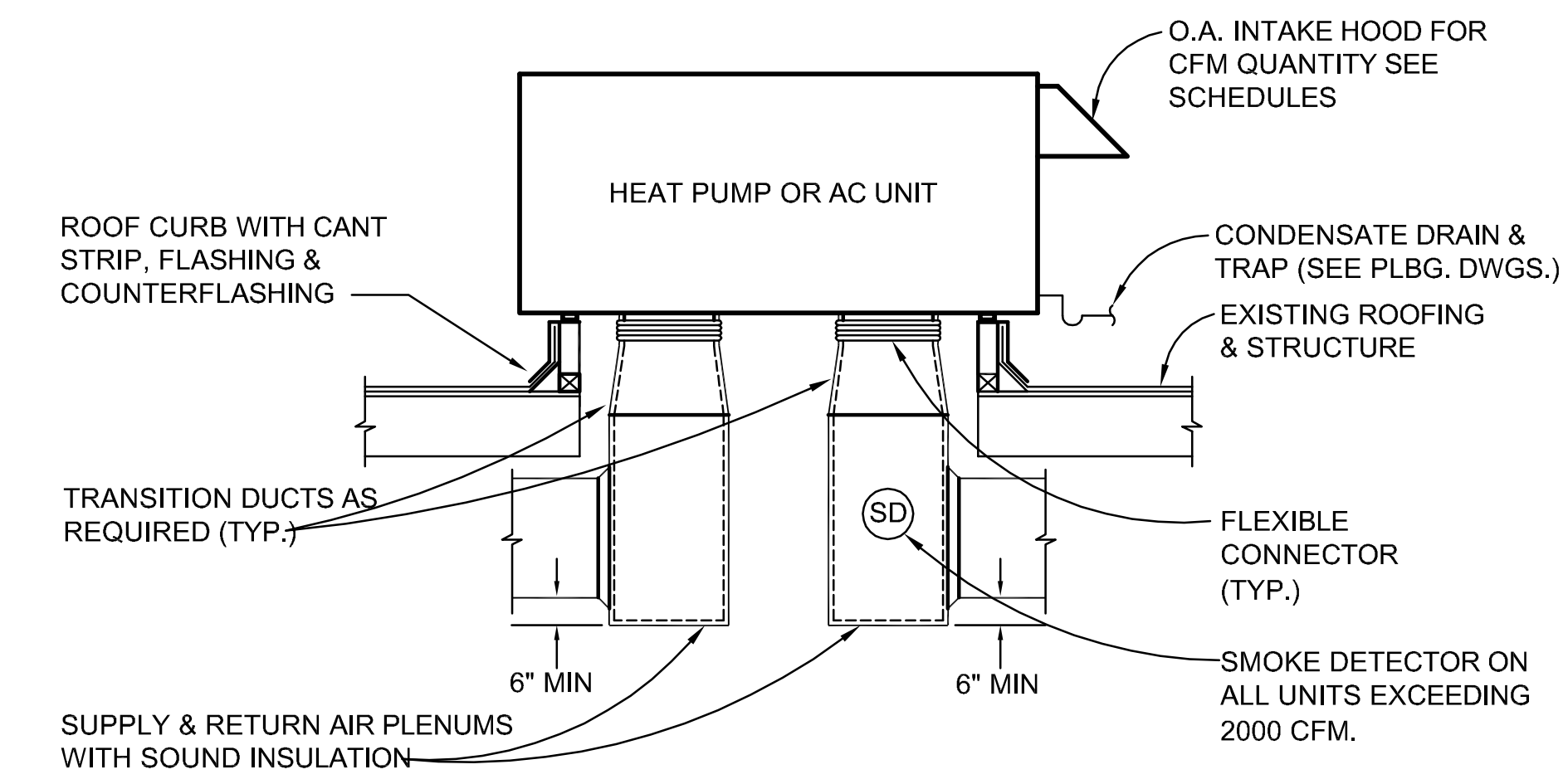


NOTE:
INSTALL MANUAL DAMPER ON BRANCH DUCT AS CLOSE TO DUCT MAIN AS POSSIBLE

CEILING DIFFUSER/RETURN GRILLE

NO SCALE

4
M4.1

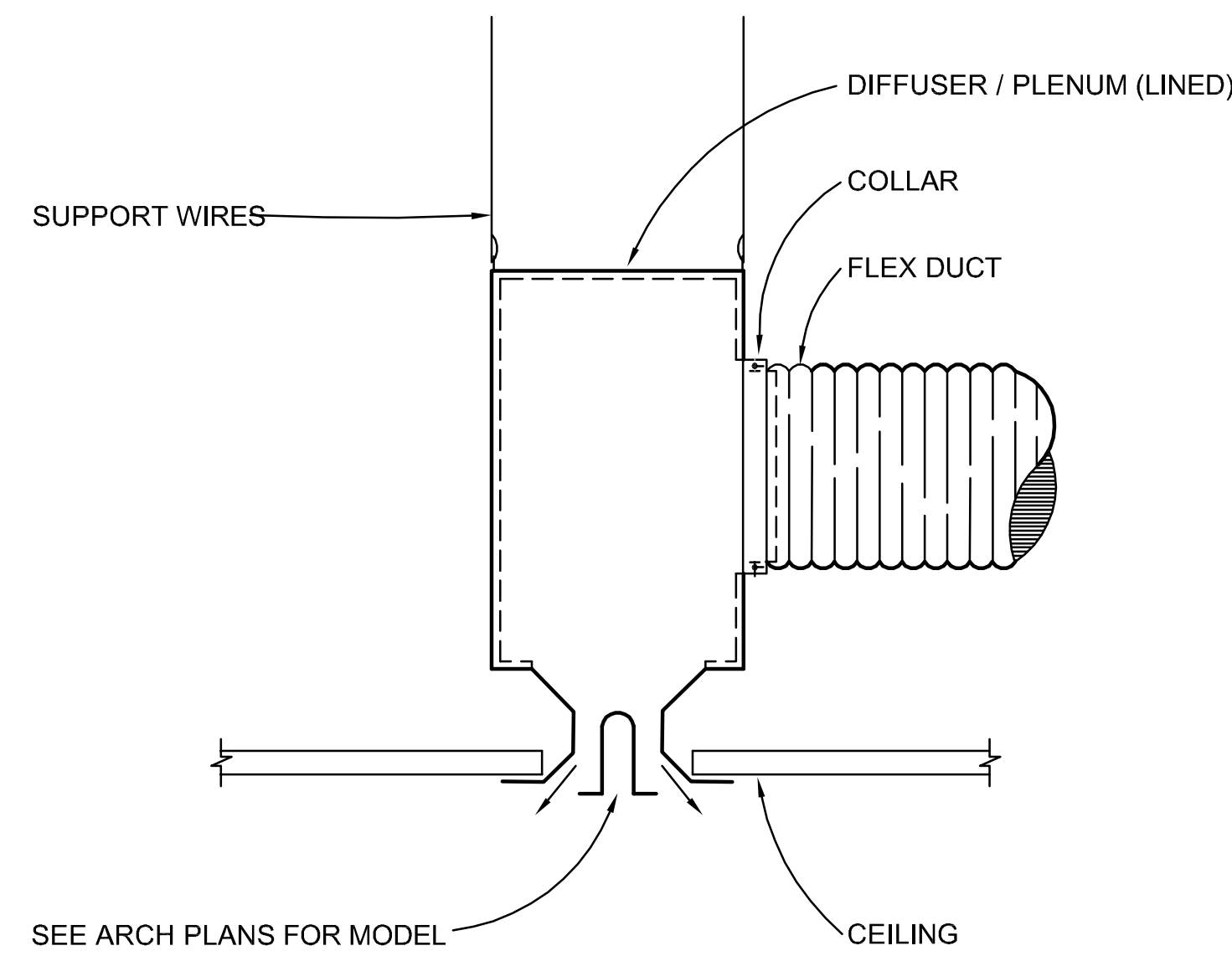


NOTES:
1. COORDINATE EXACT LOCATION AND FRAMING OF ROOF OPENING WITH GENERAL CONTRACTOR.
2. GENERAL CONTRACTOR SHALL PROVIDE LEVEL CURB FOR INSTALLATION OF FACTORY FURNISHED ROOF CURB.

ROOFTOP HEAT PUMP UNIT

NO SCALE

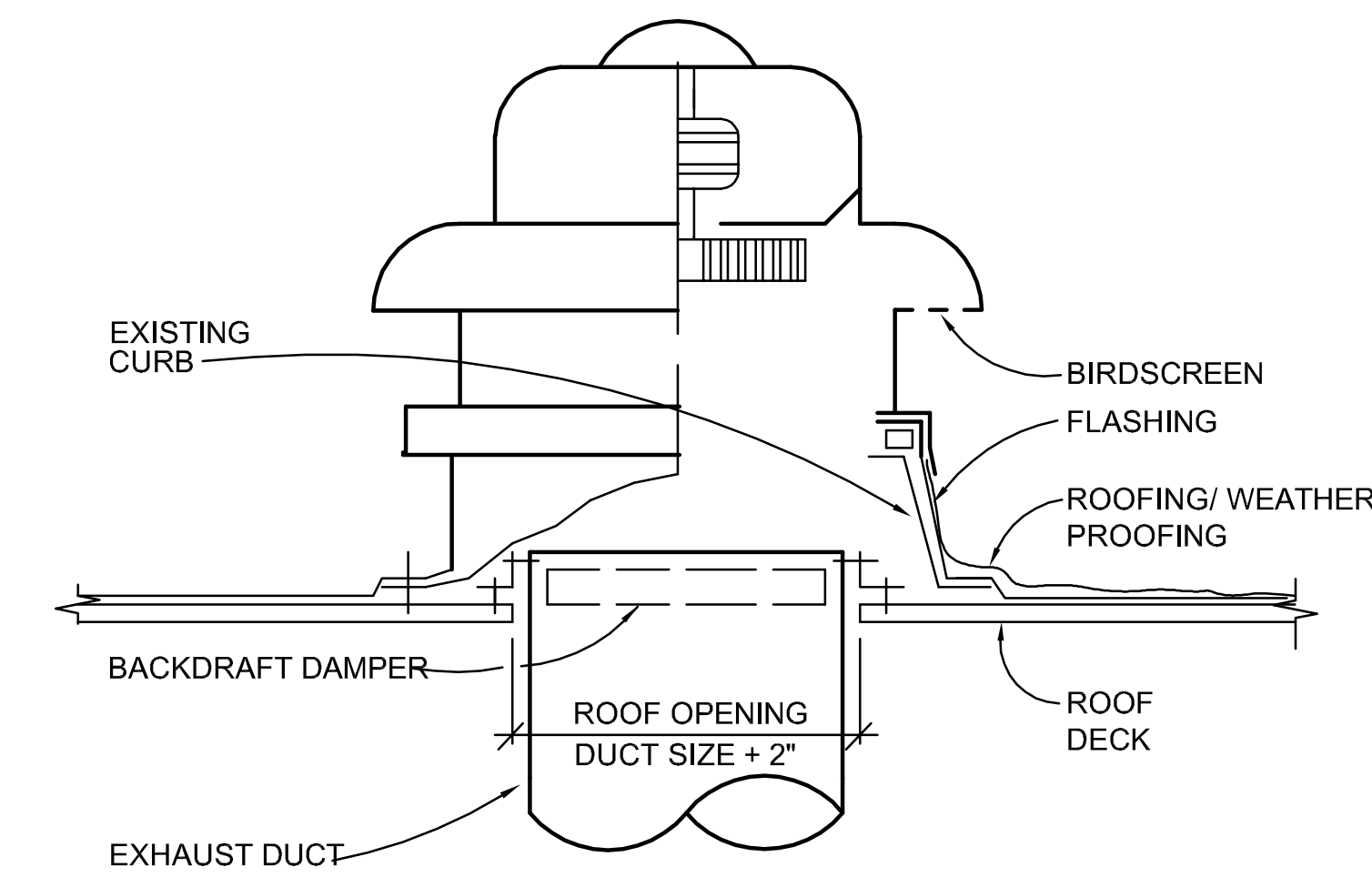
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M4.1



LINEAR / SLOT DIFFUSER

NO SCALE

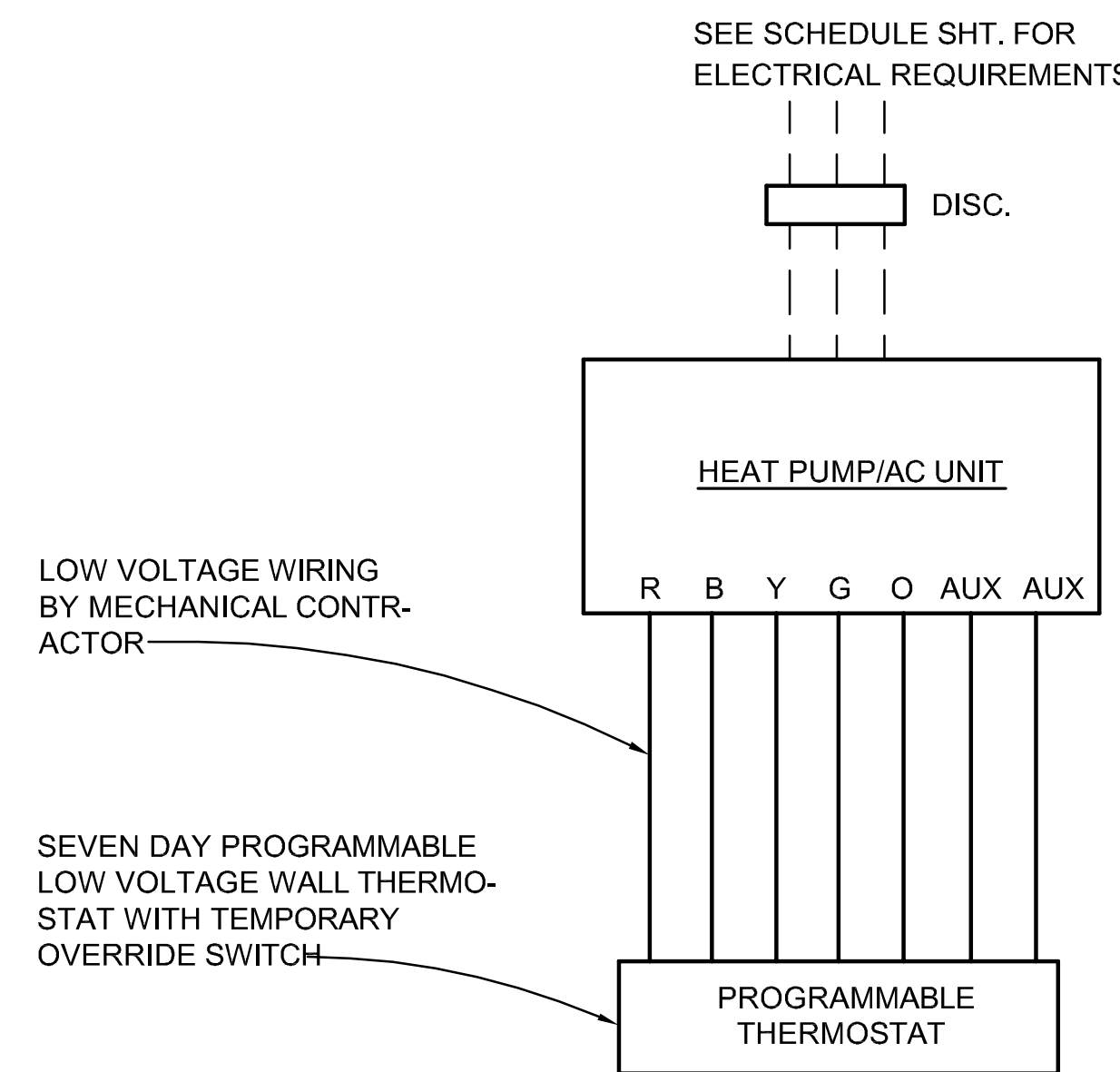
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ROOF MOUNTED EXHAUST FAN DETAIL

NO SCALE

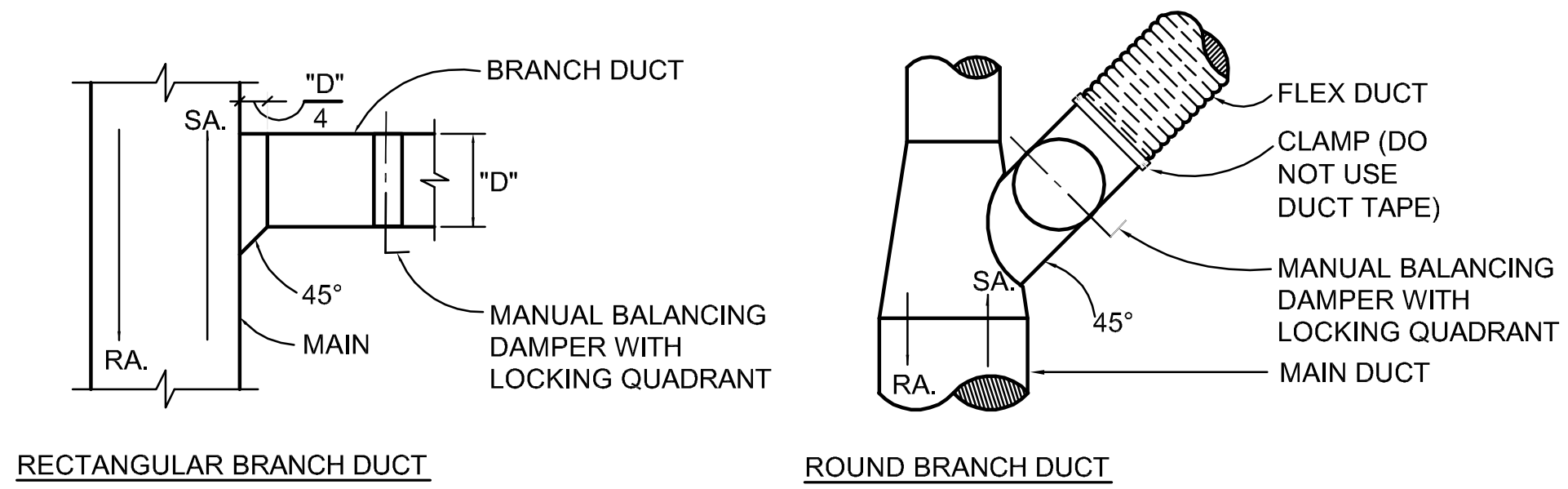
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M4.1



HEAT PUMP CONTROL DIAGRAM

NO SCALE

6
M4.1



NOTE:
ALL BRANCH TAKE-OFFS SHALL HAVE A LOW LOSS FITTING WHETHER SHOWN ON THE FLOOR PLAN OR NOT.

TYPICAL BRANCH DUCT DETAILS

NO SCALE

3
M4.1

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DATE	DATE	REMARKS
2011.09.09		PLAN CHECK
2011.10.10		PLAN CHECK RE-SUBMITTAL
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SECTION 15050
BASIC MECHANICAL MATERIALS AND METHODS

PART 1 - GENERAL

- 1.01 RELATED DOCUMENTS
1.02 SUMMARY
1.03 REFERENCES
1.04 SUBMITTALS
1.05 SUBSTITUTIONS
1.06 PROJECT/SITE CONDITIONS
1.07 SEQUENCING AND SCHEDULING
1.08 GUARANTEES

PART 2 - PRODUCTS

- 2.01 HVAC EQUIPMENT
2.02 SUPPLY, RETURN AND EXHAUST DUCTWORK
2.03 DUCT SEALANT
2.04 DUCTWORK SUPPORT

Table with 5 columns: Maximum Half of Duct Perimeter, Pair at 10 ft. Spacing, Pair at 8 Ft. Spacing, Pair at 5 Ft. Spacing, Pair at 4 Ft. Spacing. Rows include P=30, P=72, P=96.

2.05 DUCTWORK ACCESSORIES

Flexible Duct Connectors: Provide flexible fan connector at the inlet and discharge of all air handling equipment and where indicated on the drawings. The flexible duct connectors shall isolate vibration transition from the air handling equipment to the attached ductwork.

PART 3 - EXECUTION

3.01 BALANCING, TESTS, AND GUARANTEE

- Total System Balance Includes the Following:
A. Preconstruction services including:
B. All performance testing and/or balancing of the air conditioning include:
C. On-line total system performance verification.
NOTE: Chapters referred to herein are detailed in the NATIONAL STANDARDS MANUAL OF THE ASSOCIATED AIR BALANCE COUNCIL (AABC).
D. Selection of the Test and Balance Agency
E. Balance the supply, return, and exhaust air systems to within 4% of design air flow...
F. Perform Pitot Tube Traverse of all supply, return and exhaust systems.

END OF SECTION

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MECHANICAL SPECIFICATIONS table with columns: DATE, PLAN CHECK, REVISIONS, REMARKS.

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FIXTURE CONNECTION SCHEDULE							
MARK	DESCRIPTION	MINIMUM PIPE CONNECTION				MANUFACTURER / MODEL NUMBER	REMARKS
		C.W.	H.W.	WASTE	VENT		
WC-1	WATER CLOSET - FV FLOOR MOUNTED	1 1/4"	-	4"	2"	KOHLER - # K-4406, "WELLCOMME", VITREOUS CHINA, 1.28 GPF, ELONGATED BOWL WITH SLOAN ROYAL # 111-TP, MANUAL, 1.28 GPF, FLUSH VALVE WITH TRAP PRIMER & KOHLER # 4670-C, OPEN FRONT SEAT, FIXTURE COLOR: WHITE	PROVIDE FLUSHOMETER TRAP PRIMER CONNECTOR WHERE INDICATED ON PLANS.
WC-1A	WATER CLOSET - FV, ADA, FLOOR MOUNTED	1 1/4"	-	4"	2"	KOHLER - # K-4409, "HIGHLINE", 17" HIGH, VITREOUS CHINA, 1.28 GPF, ELONGATED BOWL WITH SLOAN ROYAL # 111, MANUAL, 1.28 GPF, FLUSH VALVE & KOHLER # 4670-C, OPEN FRONT SEAT, FIXTURE COLOR: WHITE	PROVIDE FLUSHOMETER TRAP PRIMER CONNECTOR WHERE INDICATED ON PLANS.
UR-1	URINAL - WALL MTD, FV., (ADA)	1"	-	2"	2"	KOHLER - # K-4960ET, "BARDON", VITREOUS CHINA, WITH SLOAN # 186-05, 0.5 GPF, FLUSH VALVE & ZURN OR SMITH WALL CARRIER, FIXTURE COLOR: WHITE	MOUNT ONE URINAL PER ADA REQUIREMENTS
LAV-1	LAVATORY - SOLID SURFACE, (ADA)	1/2"	1/2"	2"	2"	REFER TO ARCHITECTURAL SPECIFICATIONS FOR FIXTURE AND TRIM. PROVIDE ROUGH-IN AND FINAL CONNECTION.	INSULATE TAILPIECE & SUPPLIES WITH "HANDYSHIELD" OR APPROVED EQUAL.
LAV-2	LAVATORY - SOLID SURFACE, (ADA)	1/2"	1/2"	2"	2"	REFER TO ARCHITECTURAL SPECIFICATIONS FOR FIXTURE AND TRIM. PROVIDE ROUGH-IN AND FINAL CONNECTION.	INSULATE TAILPIECE & SUPPLIES WITH "HANDYSHIELD" OR APPROVED EQUAL.
S-3	SINK - COUNTER MTD, DUAL BASIN - GALLEY	1/2"	1/2"	2"	2"	JUST - # SL-3319-A-GR TYPE 304 SS, 18 GAUGE WITH (3) FAUCET HOLES, DELTA # 100-WF SINGLE LEVER FAUCET AND CUP STRAINERS.	
FD-1	FLOOR DRAIN	-	-	2"	1 1/2"	ZURN - # Z-415-BP WITH 5" DIAMETER, NICKEL BRONZE STRAINER HEAD AND TRAP PRIMER CONNECTION	
SS-1	SERVICE SINK FLOOR MOUNTED	3/4"	3/4"	3"	2"	FLORESTONE - MSR-2424, 24"x24"x10" DEEP WITH RIM GUARDS, MOP HANGER AND CHICAGO #897 FAUCET WITH VACUUM BREAKER.	
SH-1	SHOWER - ADA (TILED)	1/2"	1/2"	2"	1 1/2"	TILED SHOWER PER ARCHITECTURAL DRAWINGS, PROVIDE "SYMMONS" # 3505-H321-V-CYL, PRESSURE BALANCING MIXING VALVE WITH HAND-HELD SHOWER HEAD, S.S. HOSE, FIXED ADJUSTABLE SPRAY HEAD, DIVERTER AND SLIDE BAR. DRAIN SAME AS FD-1 LESS TRAP PRIMER.	

PLUMBING EQUIPMENT SCHEDULE				
MARK	DESCRIPTION	LOCATION	MANUFACTURER & MODEL NUMBER	REMARKS
WH 1	WATER HEATER (ELECTRIC)	4TH FLOOR JANITORS RM.	AO SMITH - DEL-50, 50 GALLON CAPACITY, 4000/4000 WATTS SIMULTANEOUS INPUT (8000 WATTS TOTAL), 54 GPH RECOVERY RATE AT 60 DEGREE RISE, 208V/3PH, OPERATING WEIGHT - 563 LBS.	
CP 1	CIRCULATION PUMP	4TH FLOOR JANITORS RM.	TACO - MODEL # 006-B4, 2 GPM @ 7 FT HD., 3250 RPM, ALL BRONZE, 115V/1PH., .52 AMPS.	
GD 1	GARBAGE DISPOSAL	SINK S-1	INSINKERATOR - BADGER 5, 1/2 HP, 120V/1PH., STAINLESS STEEL CONSTRUCTION.	

PLUMBING PLAN CHECK NOTES

AREA SEPARATION WALLS

A. WHERE NONMETALLIC PIPING PENETRATES AREA SEPARATION WALLS, THE PIPE SECTION PASSING THROUGH THE WALLS AND THE FIXTURE CONNECTIONS THERE TO SHALL BE OF METAL ONLY. FIRE STOPPING SHALL BE PER C.B.C. SECTION 709.6

B. NO RANGE HOOD VENTS, DRYER VENTS, COMBUSTION VENTS OR HEATING DUCTS ARE PERMITTED IN AREA SEPARATION WALLS.

ENERGY CONSERVATION (PLUMBING)

A. ALL WATER HEATERS SHALL BE LISTED IN THE CALIFORNIA ENERGY COMMISSION LIST OF APPROVED WATER HEATERS.

ALL PLUMBING FIXTURES, FAUCETS AND SHOWER HEADS SHALL COMPLY WITH CEC MAXIMUM FLOW REQUIREMENTS PER MINUTE. (2.2 GPM FOR FAUCETS) (2.5 GPM FOR SHOWER HEADS) (1.5 GPF FOR WATER CLOSETS) (1.0 GPF FOR URINALS) LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF CLOSING TYPE. PROVIDE MIXING VALVES AT SHOWER CONTROLS.

C. ALL SERVICE HOT WATER PIPING SHALL BE INSULATED IN ACCORDANCE WITH SECTIONS 118, 123 & 124 OF THE 1995 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS AND TABLE 6.d OF THE 2010 C.M.C.

D. A MAINTENANCE LABEL SHALL BE AFFIXED TO ALL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED FOR THE OWNER'S USE. THE LABEL SHALL INDICATE ROUTINE MAINTENANCE REQUIRED OR SHALL REFERENCE BY NUMBER WHICH OPERATING MANUALS EXPLAIN MAINTENANCE REQUIREMENTS IN GREATER DETAIL.

E. ALL EQUIPMENT MUST COMPLY WITH THE STATE OF CALIFORNIA B.E.E.S. 2009. HEATERS FOR DOMESTIC HOT WATER AND/OR POOLS SHALL MEET REQUIREMENTS PER LATEST SECTIONS OF THE B.E.E.S. - 2009. COMPLIANCE CERTIFICATES SHALL BE PROVIDED WITH EQUIPMENT SUBMITTALS

F. WATER HEATERS SHALL COMPLY WITH SECTION 608.3 C.P.C. 2010 FOR THERMAL EXPANSION REQUIREMENTS. PROVIDE EXPANSION TANK OR OTHER APPROVED METHOD OF RELIEVING PRESSURE. A MINIMUM DISTANCE OF 4" MUST BE MAINTAINED ABOVE THE CONTROLS WITH THE LOWER SEISMIC STRAPPING OF THE WATER HEATER.

MATERIALS & PIPING IDENTIFICATION

A. PLEASE SEE PLUMBING SPECIFICATIONS

B. STATE & HEALTH SAFETY CODE SEC. 17921.9 BANS THE USE OF CHLORINATED POLYVINYL CHLORIDE (CPVC) FOR INTERIOR WATER-SUPPLY PIPING.

C. IDENTIFICATION OF POTABLE AND NON-POTABLE WATER PIPES & OUTLETS SHALL COMPLY WITH SECTION 614.0 OF THE CPC.

HOSE BIBBS

A. ALL HOSE BIBBS SHALL HAVE PERMANENTLY MOUNTED VACUUM BREAKERS.

FLOOR SINKS & FLOOR DRAINS

A. ALL FLOOR SINKS SHALL BE USED FOR A.C. CONDENSATE, P & T RELIEF VALVES AND EQUIPMENT DRAINS ONLY. NO OTHER USES SHALL BE ALLOWED UNLESS APPROVED BY LOCAL BUILDING DEPARTMENT.

B. VENTS MUST RISE MINIMUM 5" ABOVE THE FLOOD LEVEL RIM OF THE FIXTURES THEY SERVE BEFORE OFFSETTING HORIZONTALLY.

CROSS CONNECTION PROTECTION

A. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT.

PLUMBING LEGEND

SYMBOL	ABBR.	DESCRIPTION
---	W/S.	NEW WASTE OR SOIL PIPING BELOW GRADE
---	W/S.	NEW WASTE OR SOIL PIPING ABOVE GRADE.
---	V	VENT PIPING
---	W/S.	EXISTING WASTE OR SOIL PIPING BELOW GRADE.
---	CW	COLD WATER PIPING
---	HW	HOT WATER PIPING
---	HWR	HOT WATER RETURN PIPING
CD	COND.	CONDENSATE DRAIN PIPING
HO	S.O.V.	SHUT-OFF VALVE
HO	PV	PLUG VALVE
HO	CV	CHECK VALVE
HO	PRV	PRESSURE REDUCING VALVE
→		DIRECTION OF FLOW
∅	FCO	FLOOR CLEANOUT
—	WCO	WALL CLEANOUT
⊙	POC	POINT OF CONNECTION
⌋⌋	VTR	VENT THRU ROOF
⌋⌋	B.V.	BALANCING VALVE
⌋⌋	WHA	WATER HAMMER ARRESTOR
—TP	TP	TRAP PRIMER LINE

PIPE MATERIALS SCHEDULE

SAN, WASTE & STORM DRAIN PIPING: (ABOVEGRADE) SERVICE WEIGHT CAST-IRON, NO-HUB PIPE AND FITTINGS WITH NEOPRENE GASKETS AND S.S. BANDS.

VENT PIPING: SAME AS SANITARY WASTE

DOMESTIC COLD & HOT WATER PIPING: (ABOVE GRADE) TYPE "L" HARD DRAWN, COPPER PIPE & FITTINGS WITH LEAD FREE SOLDER JOINTS. (INSULATE HOT WATER & CIRCULATION PIPING)

CONDENSATE DRAIN PIPING: (ABOVE GRADE) TYPE "M" HARD DRAWN, COPPER PIPE & FITTINGS WITH LEAD FREE SOLDER JOINTS. (INSULATE PIPE WITHIN THE BUILDING)

WATER METER DATA CARD

Appliances, Apparatuses or Fixtures	Minimum Fixture Branch Pipe Size	Private	Public	Assembly	# Fixtures Added	# Fixtures Removed	# Fixtures Remaining	TOTAL ACRDSS C
Bathub or Combination Bath (Bt)	1/2"	4.0	4.0	-	X			
3/4" Bathub Fill Valve	3/4"	10.0	10.0	-	X			
Bidet	1/2"	1.0	-	-	X			
Clothes Washer, domestic	1/2"	4.0	4.0	-	X			
Dental Unit, cusplbr	1/2"	-	1.0	-	X			
Dishwasher, domestic	1/2"	1.5	1.5	-	X			
Drinking Fountain or Water Cooler	1/2"	0.5	0.5	0.75	X			
Hose Bib	1/2"	2.5	2.5	-	X			+0
Hose Bib, each additional	1/2"	1.0	1.0	-	X			+0
Lavatory	1/2"	1.0	1.0	1.0	X	11	8	8
Lawn Sprinkler, each head	-	1.0	1.0	-	X			
Mobile Home, each (Minimum)	-	12.0	-	-	X			
Bar Sink	1/2"	1.0	2.0	-	X	3		+6
Clinic Faucet Sink	1/2"	-	3.0	-	X			
Clinic Flushometer Valve with or without faucet	1"	-	8.0	-	X			
Kitchen Sink, domestic	1/2"	1.5	1.5	-	X			
Laundry Sink	1/2"	1.5	1.5	-	X			
Service Sink or Mop Basin	1/2"	1.5	3.0	-	X	1	1	1
Washup Sink, each set of faucets	1/2"	-	2.0	-	X			
Shower, per head	1/2"	2.0	2.0	-	X	1	2	-2
Urinal, 1.0 GPF Flushometer Valve	3/4"	-	5.0	4.0	X	4	3	+5
Urinal, greater than 1.0 GPF Flush Valve	3/4"	-	5.0	6.0	X			
Urinal, flush tank	1/2"	2.0	2.0	3.0	X			
Washbounnain, circular spray	3/4"	-	4.0	-	X			
Water Closet, 1.0 GPF Gravity Tank	1/2"	2.5	2.5	3.5	X			
Water Closet, 1.0 GPF Flushometer Tank	1/2"	2.5	2.5	3.5	X			-45
Water Closet, 1.0 Flushometer Valve	1"	5.0	5.0	6.0	X		9	
Water Closet, 1.28 Flushometer Valve	1"	5.0	5.0	6.0	X	11		+55
Water Closet, >1.8 Gravity Tank	1/2"	3.0	5.5	7.0	X			
Water Closet, >1.8 GPF Flushometer Valve	1"	5.0	5.0	6.0	X			
Fixture Units Added to Meter								+22
Total Domestic Water Fixture Units On Meter								94.5

GENERAL NOTE

ALL PLUMBING FIXTURES, EQUIPMENT AND TRIM SHALL BE OF LEAD-FREE CONSTRUCTION COMPLYING WITH AB-1953 STANDARDS.

WATER PRESSURE ANALYSIS

TOTAL FIXTURE UNITS ON METER	94.5
DEMAND FLOW (GPM)	66
MAIN PRESSURE (PSIG)	135
PRESSURE AT METER DISCHARGE (PSIG)	125
PRESSURE DROP THRU BACKFLOW PREVENTER (PSIG)	12
REGULATED PRESSURE (PSIG)	70
DIFFERENCE IN ELEVATION PRESS. DROP (PSIG)	7
RESIDUAL PRESSURE REQUIRED (PSIG)	25
PRESSURE AVAILABLE FOR DROP (PSIG)	38
LONGEST DEVELOPED RUN OF PIPE (FEET)	330
MAXIMUM ALLOWABLE PRESSURE DROP (PSIG/100 FT.)	11

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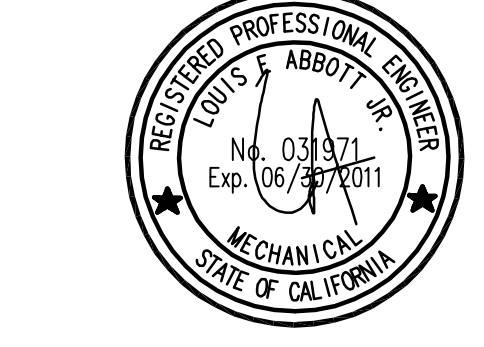
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PLUMBING SCHEDULES, LEGEND & NOTES

DATE	REVISIONS	REMARKS
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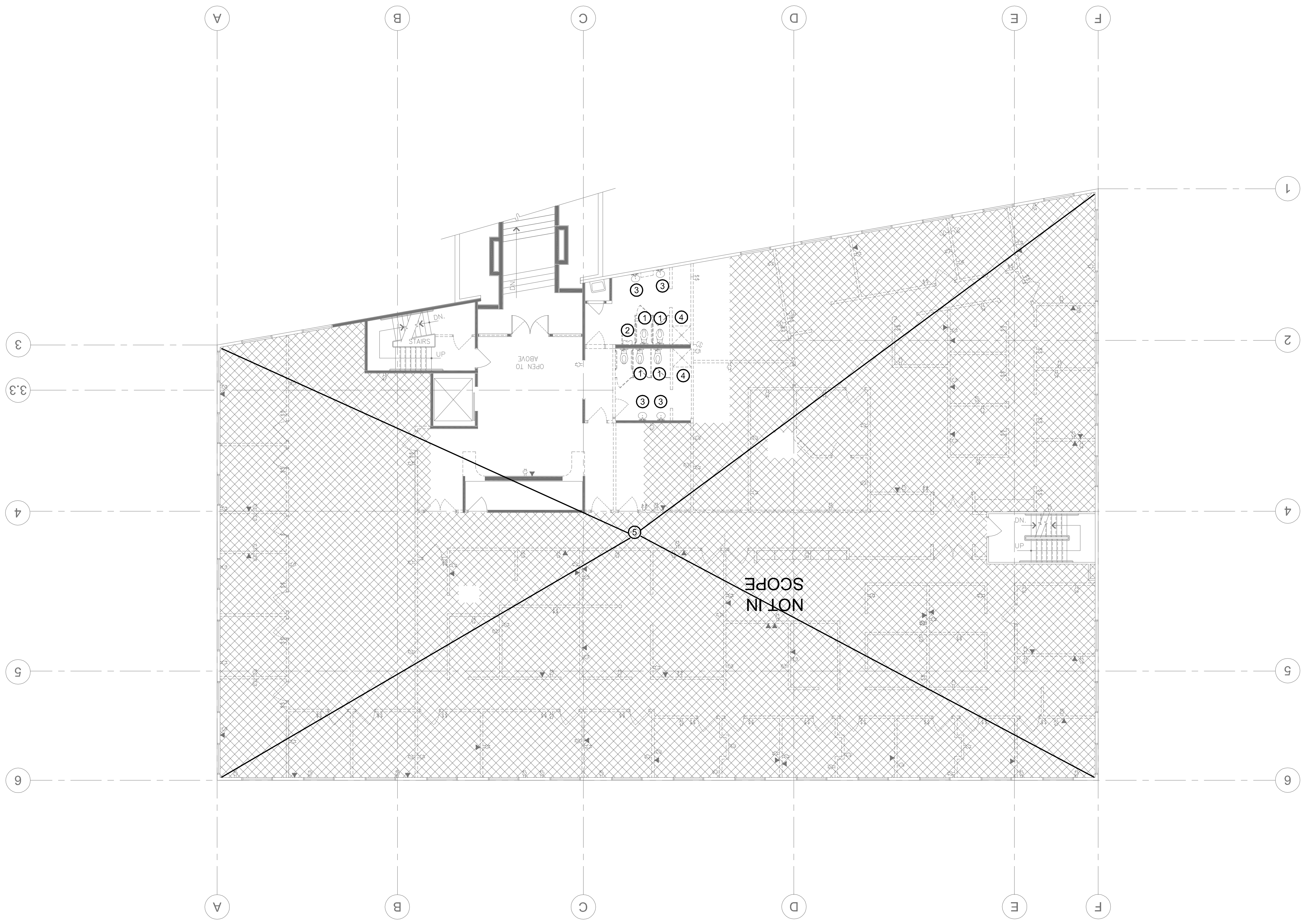
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THIRD FLOOR PLAN - PLUMBING DEMOLITION SCALE: 1/8"=1'-0"

DEMOLITION NOTES

- ① REMOVE EXISTING WATER CLOSET.
- ② REMOVE EXISTING URINAL.
- ③ REMOVE EXISTING LAVATORY.
- ④ REMOVE EXISTING SHOWER AND TRIM.
- ⑤ REMOVE ALL WATER HEATERS, HOT WATER & CONDENSATE DRAIN PIPING FROM FAN COIL UNITS ABOVE CEILINGS FOR ENTIRE FLOOR (TYP.)

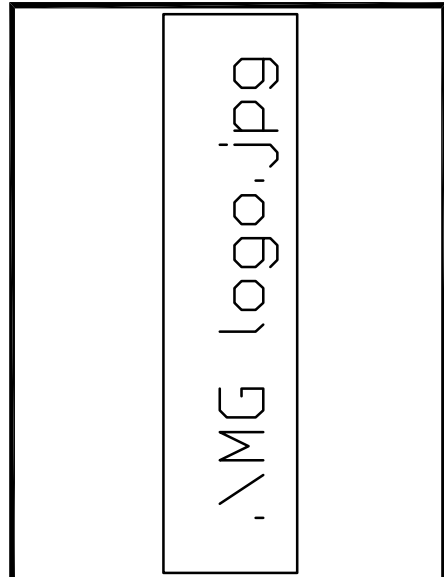


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THIRD FLOOR PLAN - PLUMBING DEMOLITION	
DATE	REVISIONS
2011.09.09	PLAN CHECK RE-SUBMITTAL
2011.10.10	PLAN CHECK RE-SUBMITTAL
2012.01.05	ISSUE FOR CONSTRUCTION

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P2.1



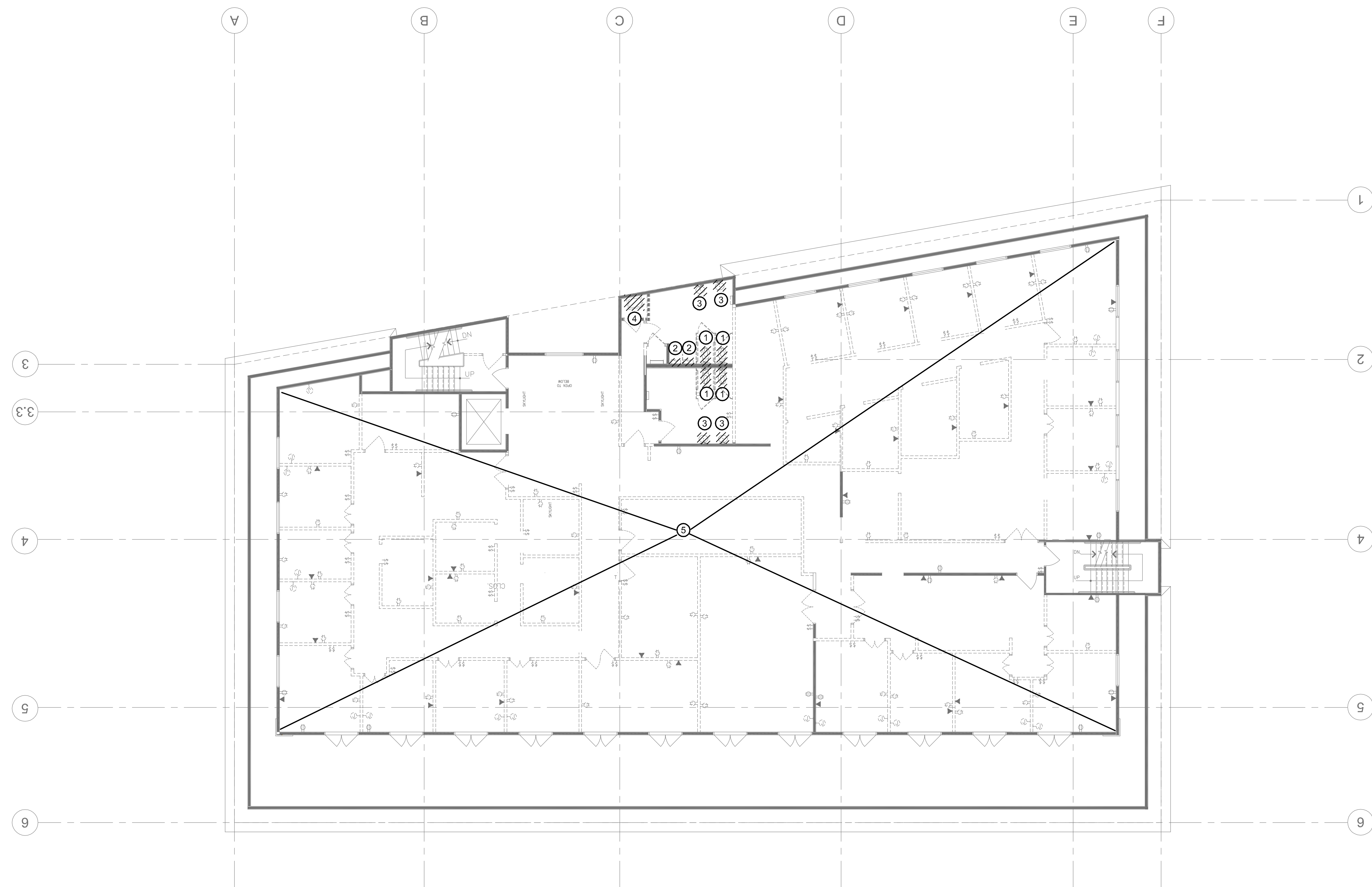
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FOURTH FLOOR PLAN - PLUMBING DEMOLITION
 SCALE: 1/8"=1'-0"

DEMOLITION NOTES

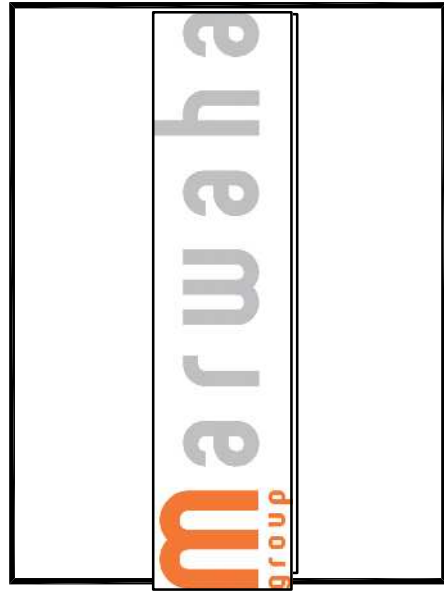
- ① REMOVE EXISTING WATER CLOSET.
- ② REMOVE EXISTING URINAL.
- ③ REMOVE EXISTING LAVATORY.
- ④ REMOVE EXISTING JANITORS SINK. CAP WASTE PIPING BELOW FLOOR. CAP WATER & VENT ABOVE CEILING.
- ⑤ REMOVE ALL WATER HEATERS, HOT WATER PIPING, CONDENSATE DRAIN PIPING FROM FAN COIL UNITS ABOVE CEILING AND BAR SINKS AND TRIM. CAP PIPING BELOW FLOOR AND ABOVE CEILING.

I:\MDC Files\2011\1128 6863 Friars Road\1128 Marwa Group 6863 Friars Road\DWG\2.2 4TH FLOOR PLAN - PLUMB DEMO.dwg



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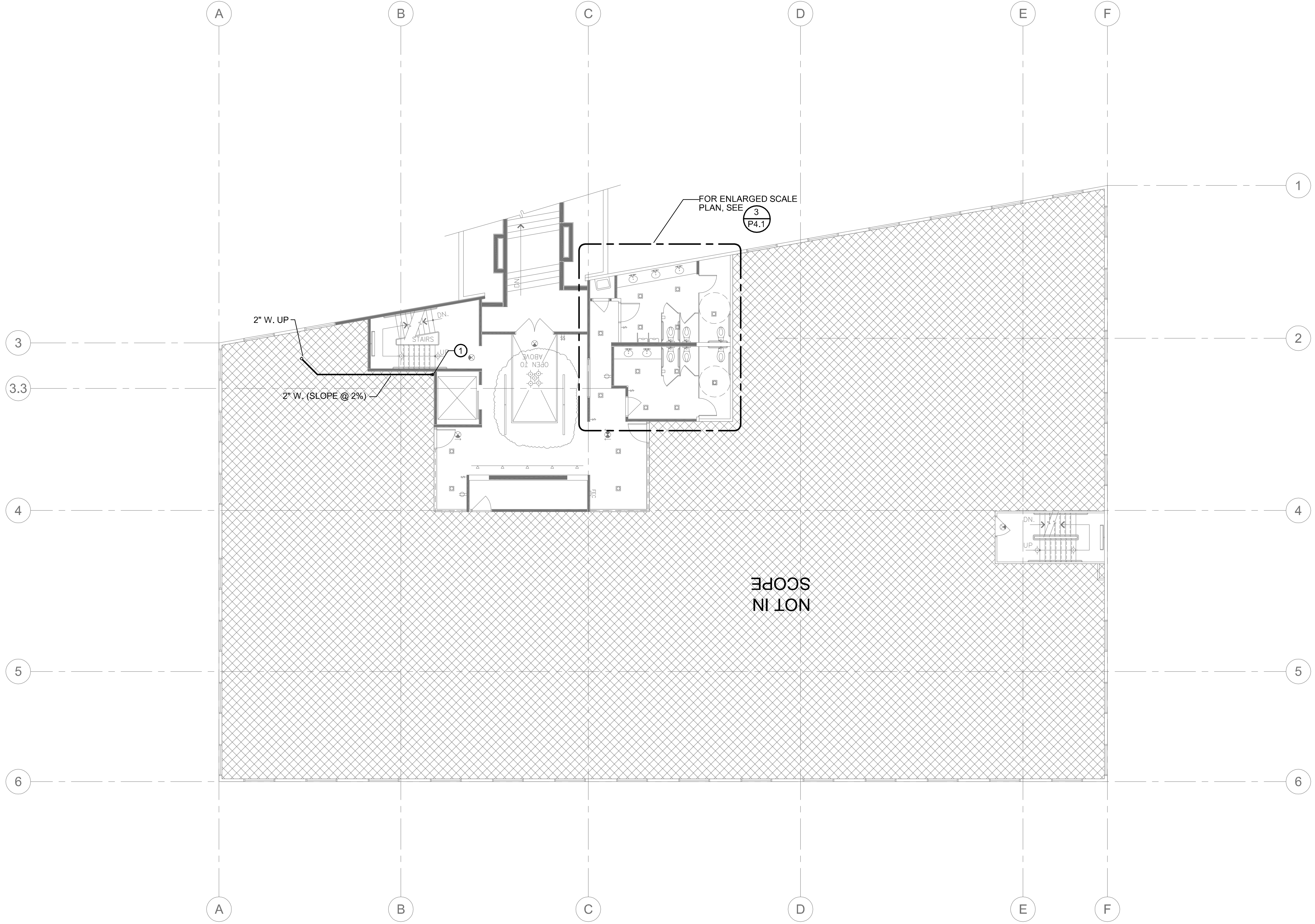
FOURTH FLOOR PLAN - PLUMBING DEMOLITION		
DATE	REVISIONS	REMARKS
2010.09	PLAN CHECK	REVISIONS
2011.10.10	PLAN CHECK	RE-SUBMITAL
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SECOND FLOOR PLAN - PLUMBING

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

SHEET NOTES

- ① 2" W. DN. TO PARKING GARAGE. POC TO NEAREST 4" SEWER WITHIN GARAGE. (VERIFY LOCATION IN FIELD).

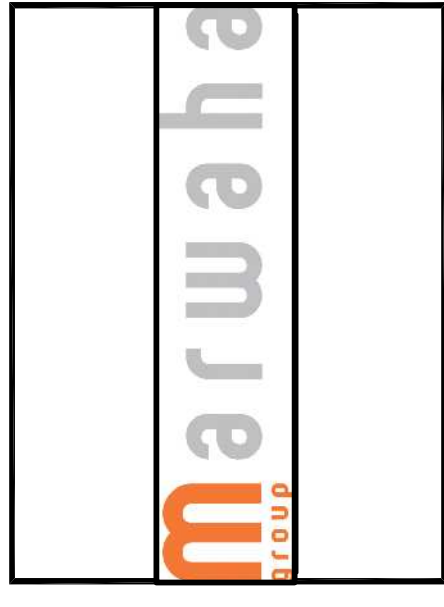


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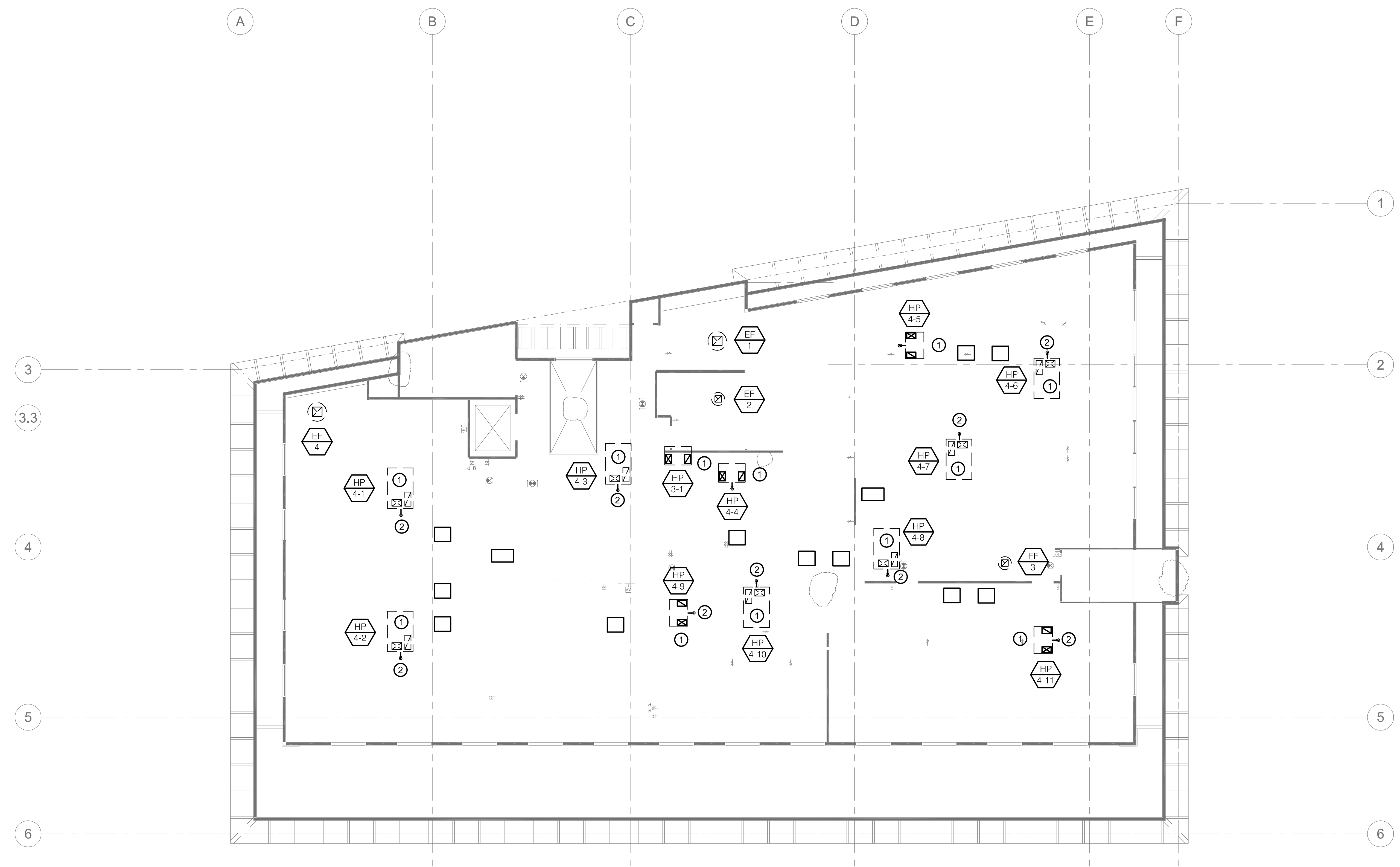
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SECOND FLOOR PLAN - PLUMBING	
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PLUMBING ROOF PLAN

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

SHEET NOTES

- ① NEW HEAT PUMP ON ROOF PER MECHANICAL DRAWINGS.
- ② 3/4" TRAPPED AND VENTED COND. DRAIN DN. THRU ROOF. SEE (TYP.)

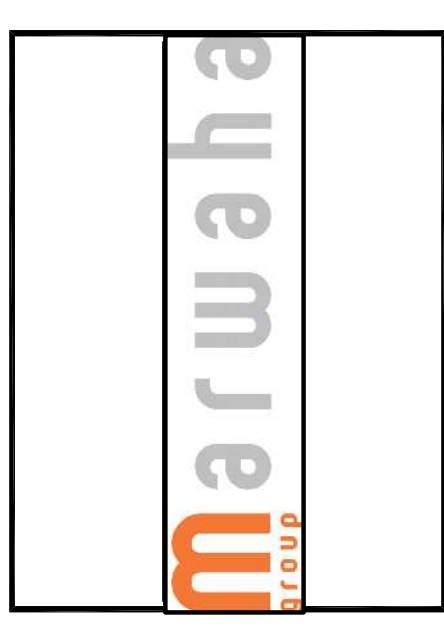


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PLUMBING ROOF PLAN		REVISIONS	DATE	REMARKS
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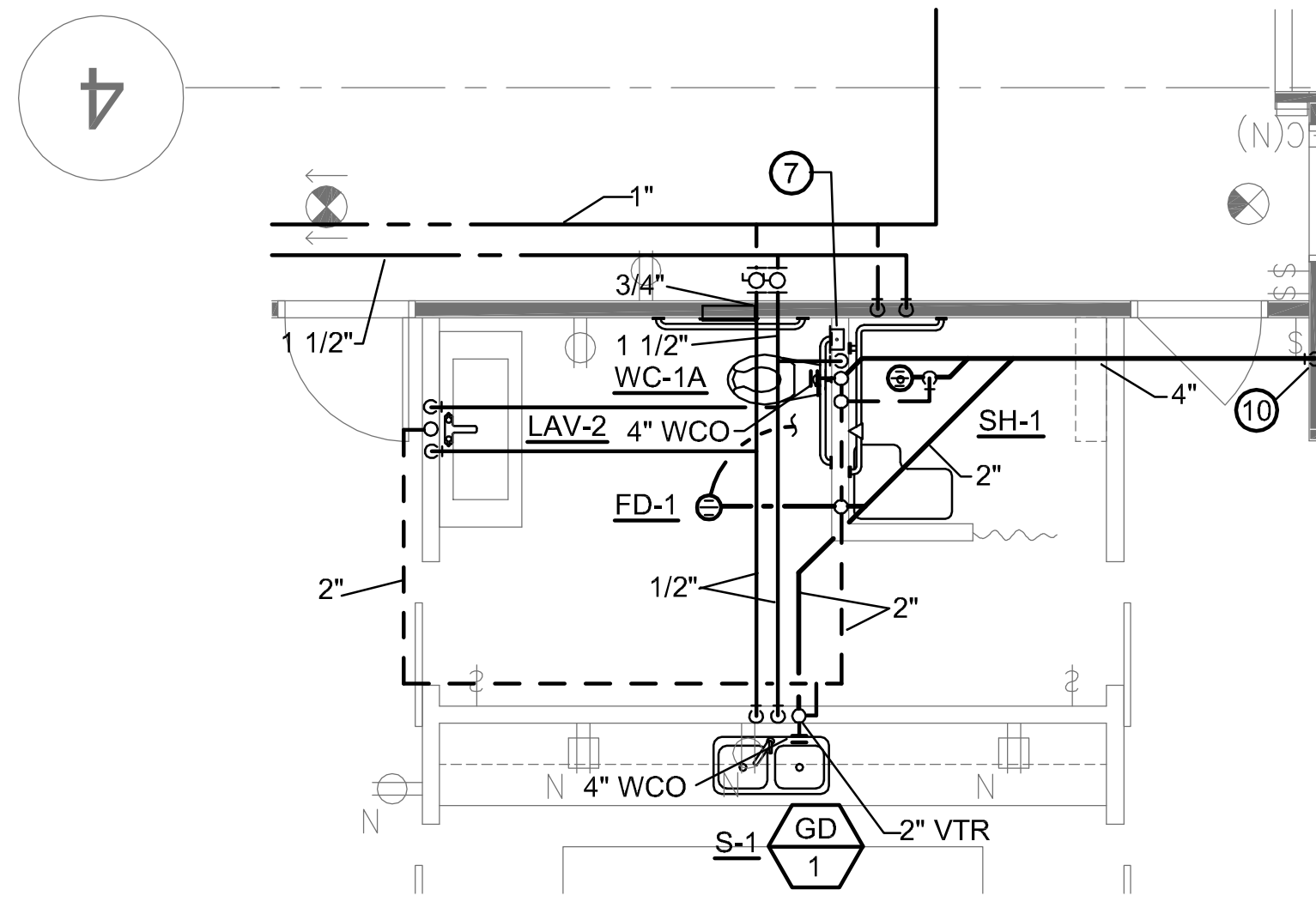
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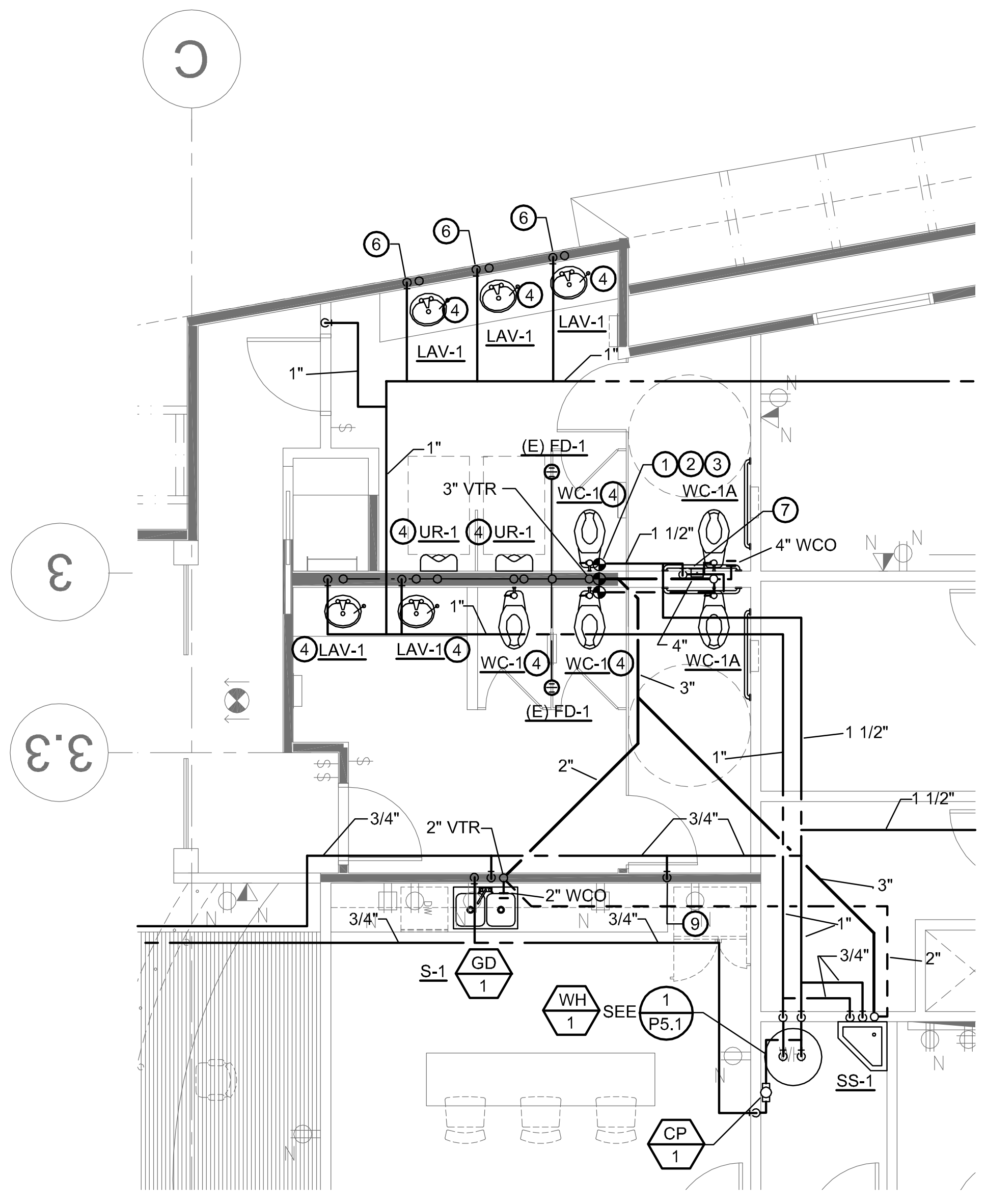
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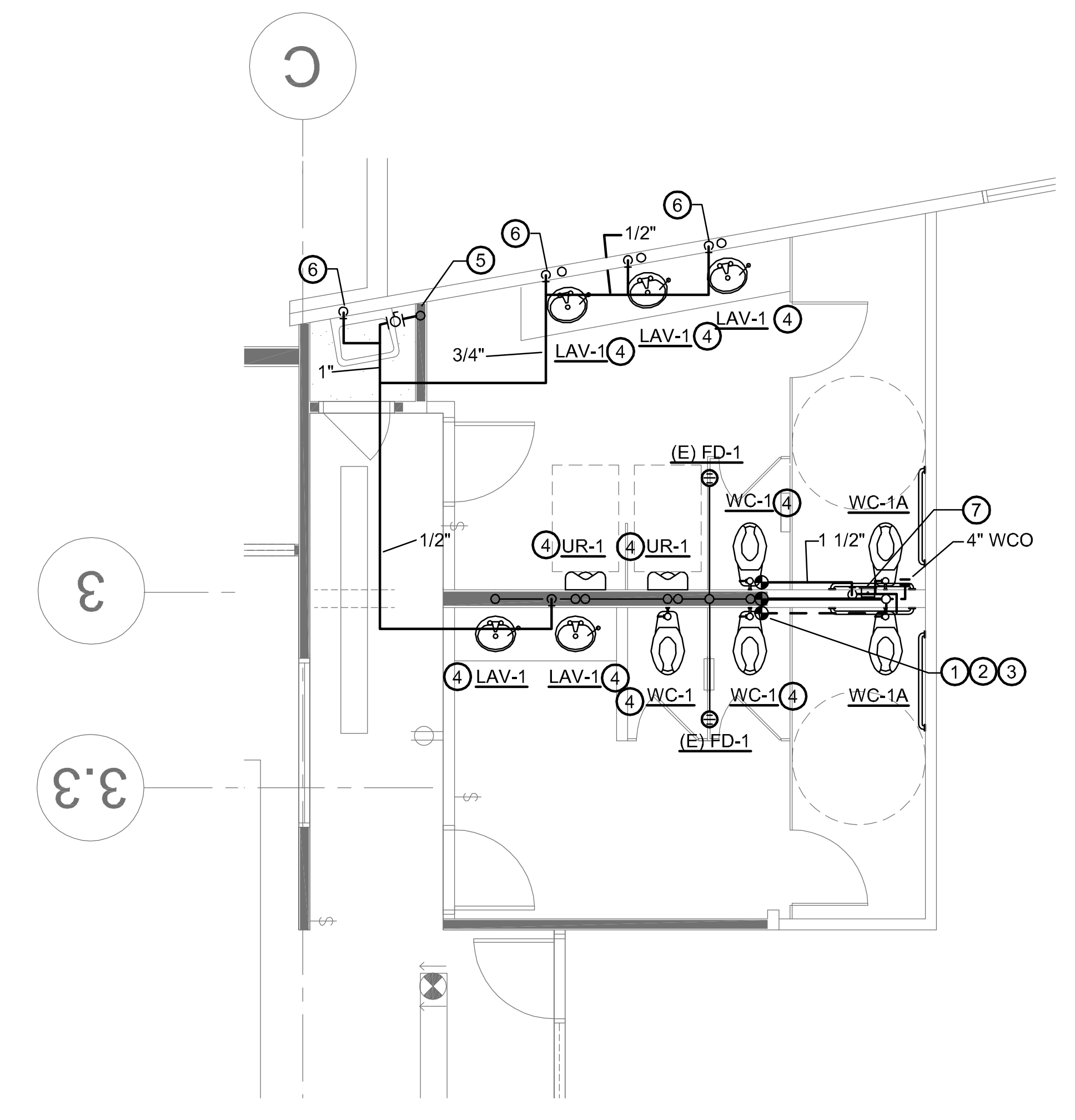
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ENLARGED PLUMBING FLOOR PLAN - FOURTH FLOOR
SCALE: 1/4"=1'-0" (1) P4.1



ENLARGED PLUMBING FLOOR PLAN - FOURTH FLOOR
SCALE: 1/4"=1'-0" (2) P4.1



ENLARGED PLUMBING FLOOR PLAN - THIRD FLOOR
SCALE: 1/4"=1'-0" (3) P4.1

- SHEET NOTES**
- (1) POC OF NEW 4" S. PIPING TO EXISTING BELOW FLOOR (VERIFY EXACT LOCATION IN FIELD)
 - (2) POC OF NEW 1 1/2" CW PIPING TO EXISTING ABOVE CEILING (VERIFY EXACT LOCATION IN FIELD)
 - (3) POC OF NEW 2" VENT PIPING TO EXISTING VENT MANIFOLD ABOVE CEILING OR IN WALL.
 - (4) CONNECT EXISTING FIXTURE TO EXISTING WASTE BELOW FLOOR OR WALL & CW AND VENT WITHIN WALL.
 - (5) NEW 1" HW DN. TO 3RD FLOOR.
 - (6) CONNECT NEW 1/2" HW TO NEW FIXTURES (TYP.)
 - (7) NEW WATER HAMMER ARRESTOR (SIZE 'A') WITH ACCESS PANEL.
 - (8) 1/2" TRAP PRIMER LINE BELOW FLOOR. SEE _____ (6) P5.1
 - (9) 1/2" CW DN. TO ICE MAKER VALVE BOX.
 - (10) NEW 4" S. DN. TO GARAGE LEVEL AND POC TO (E) 4" S. VERIFY LOCATION IN FIELD



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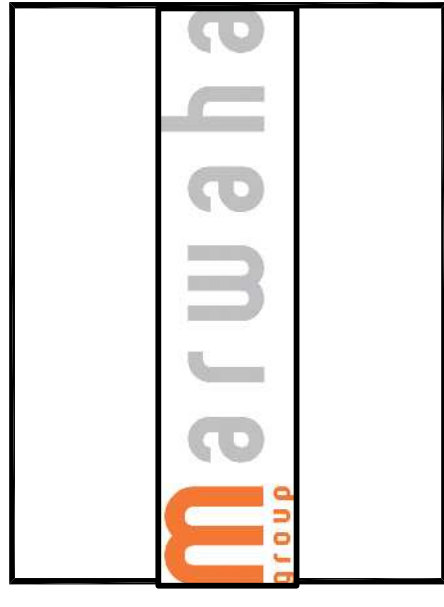
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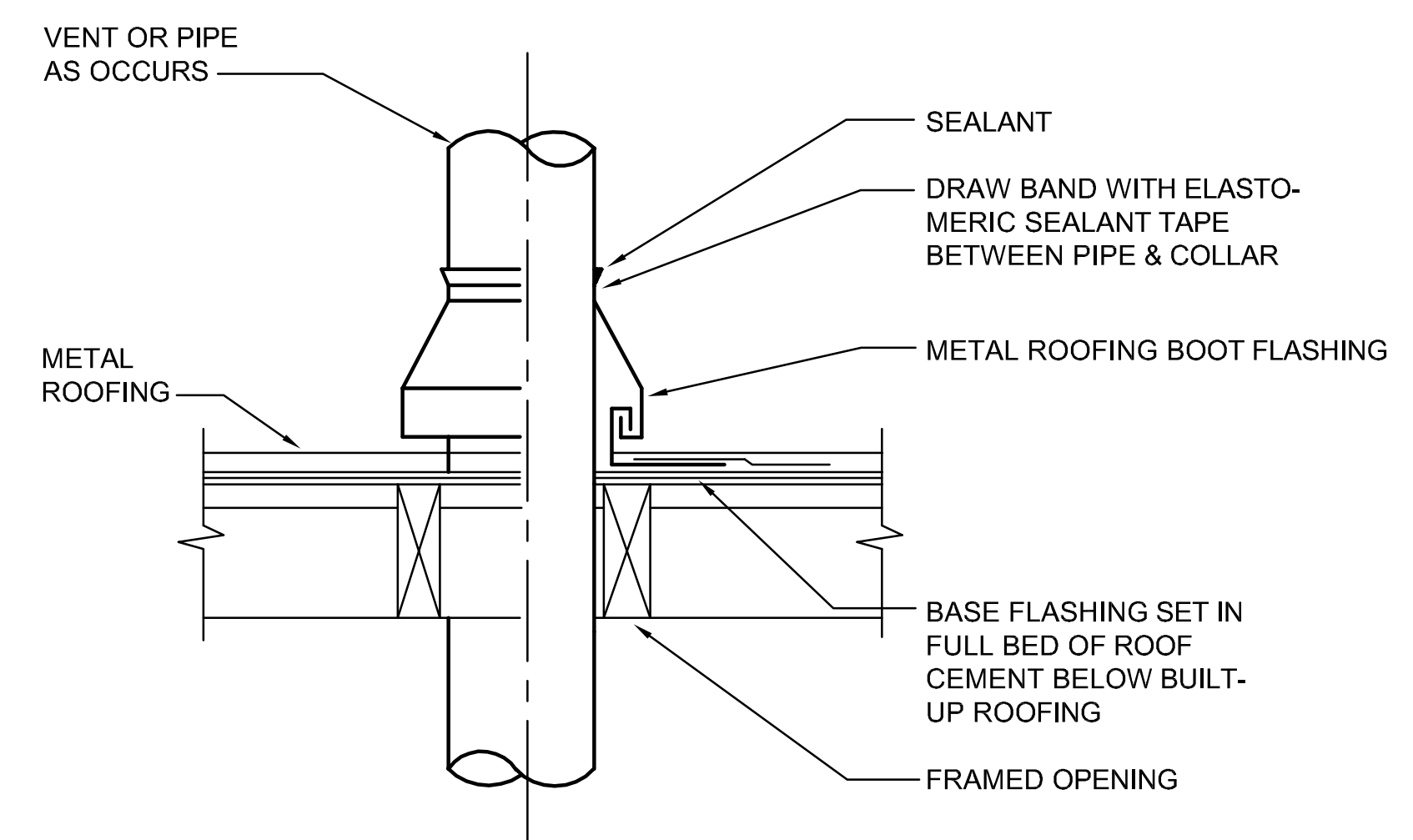
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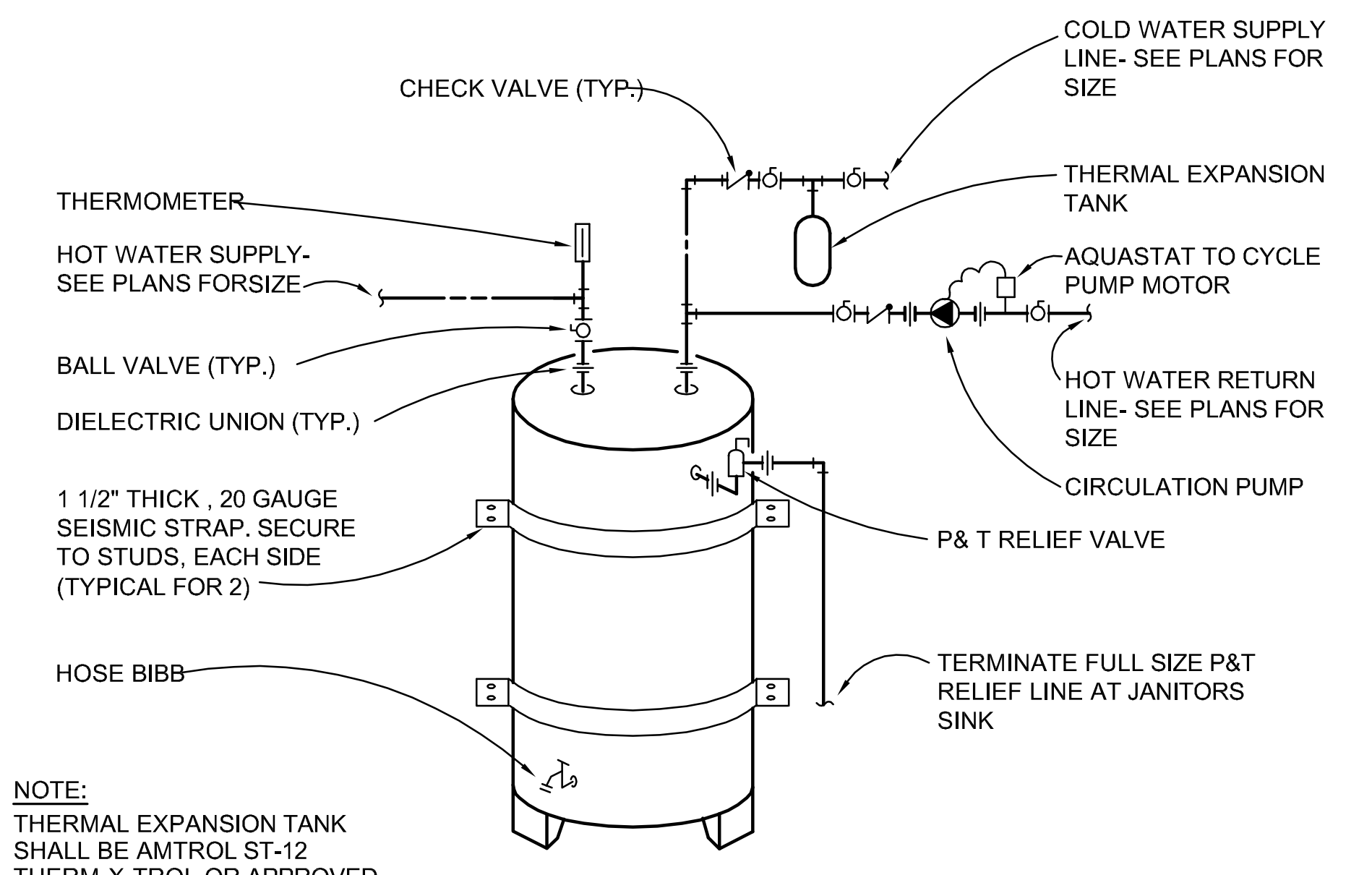
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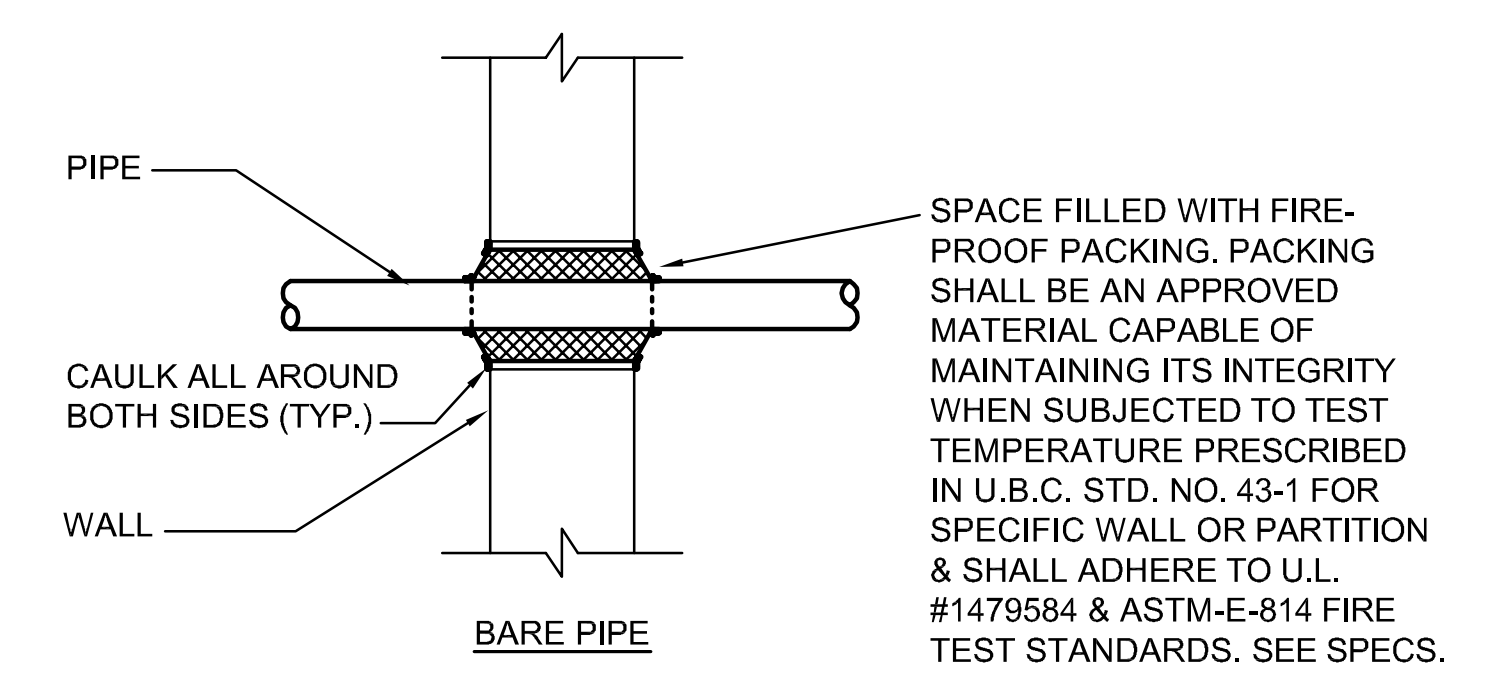


VENT OR PIPE THRU ROOF DETAIL
NO SCALE

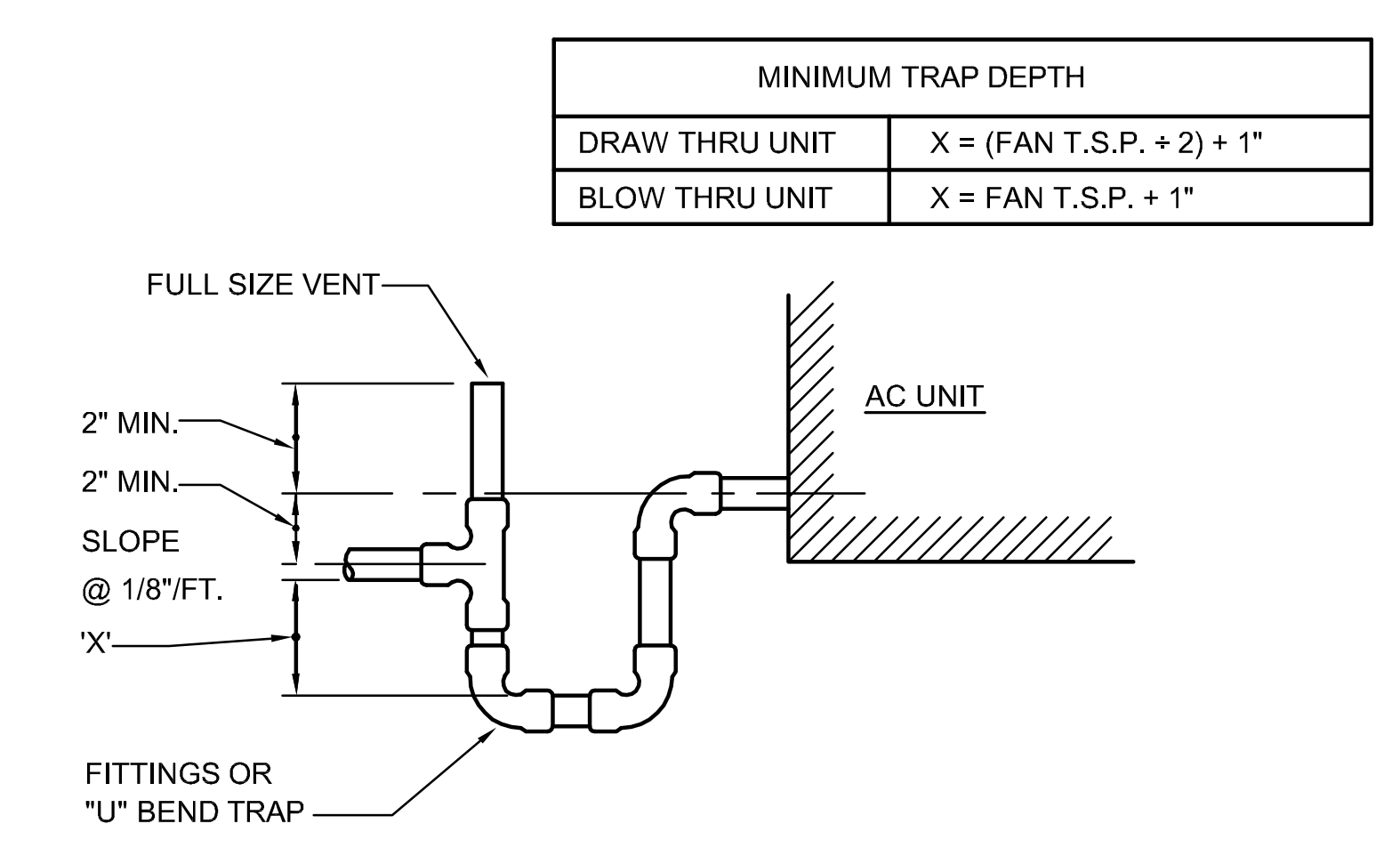


NOTE:
THERMAL EXPANSION TANK SHALL BE AMTROL ST-12 THERM-X-TROL OR APPROVED EQUAL

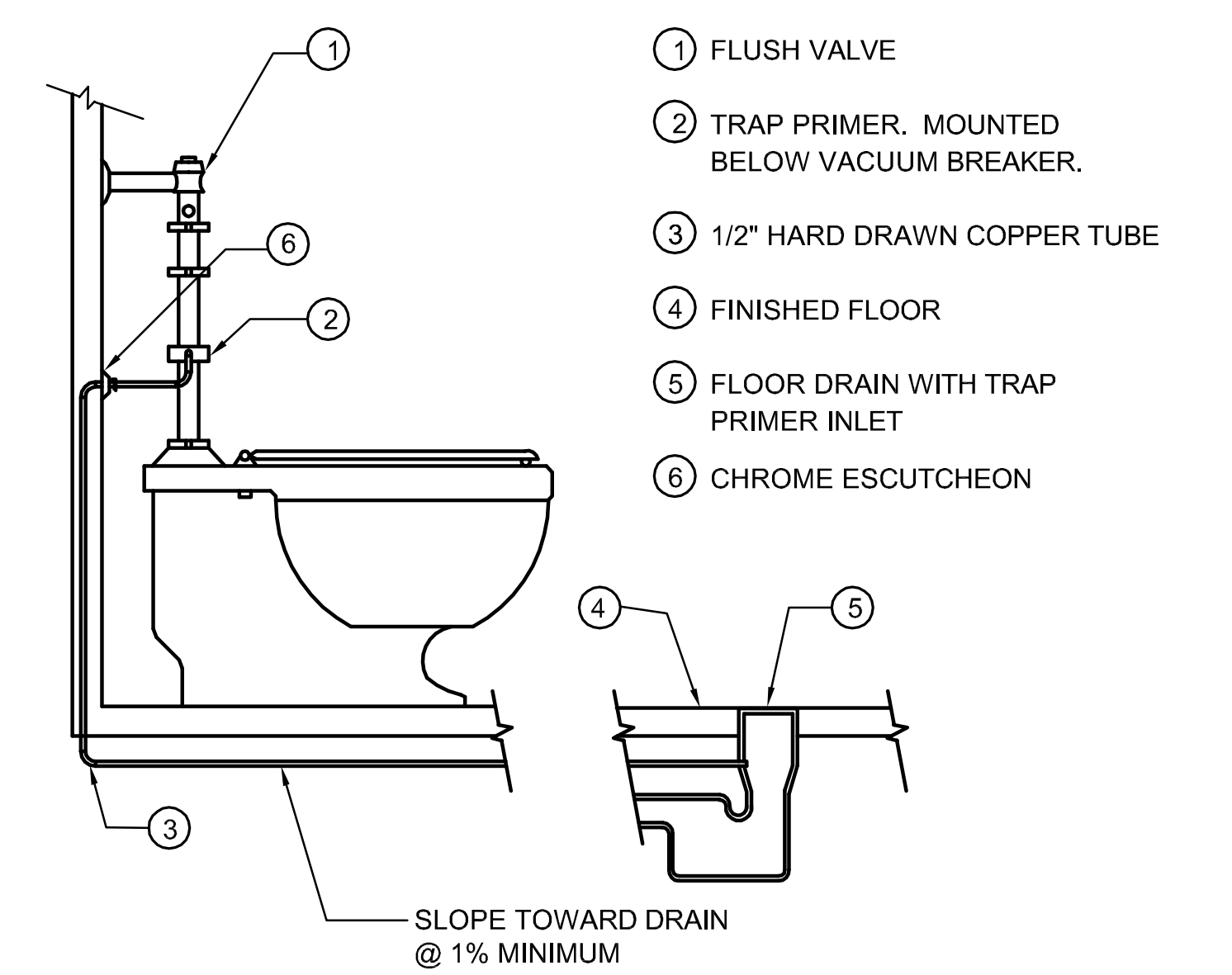
ELECTRIC WATER HEATER PIPING DIAGRAM
NO SCALE



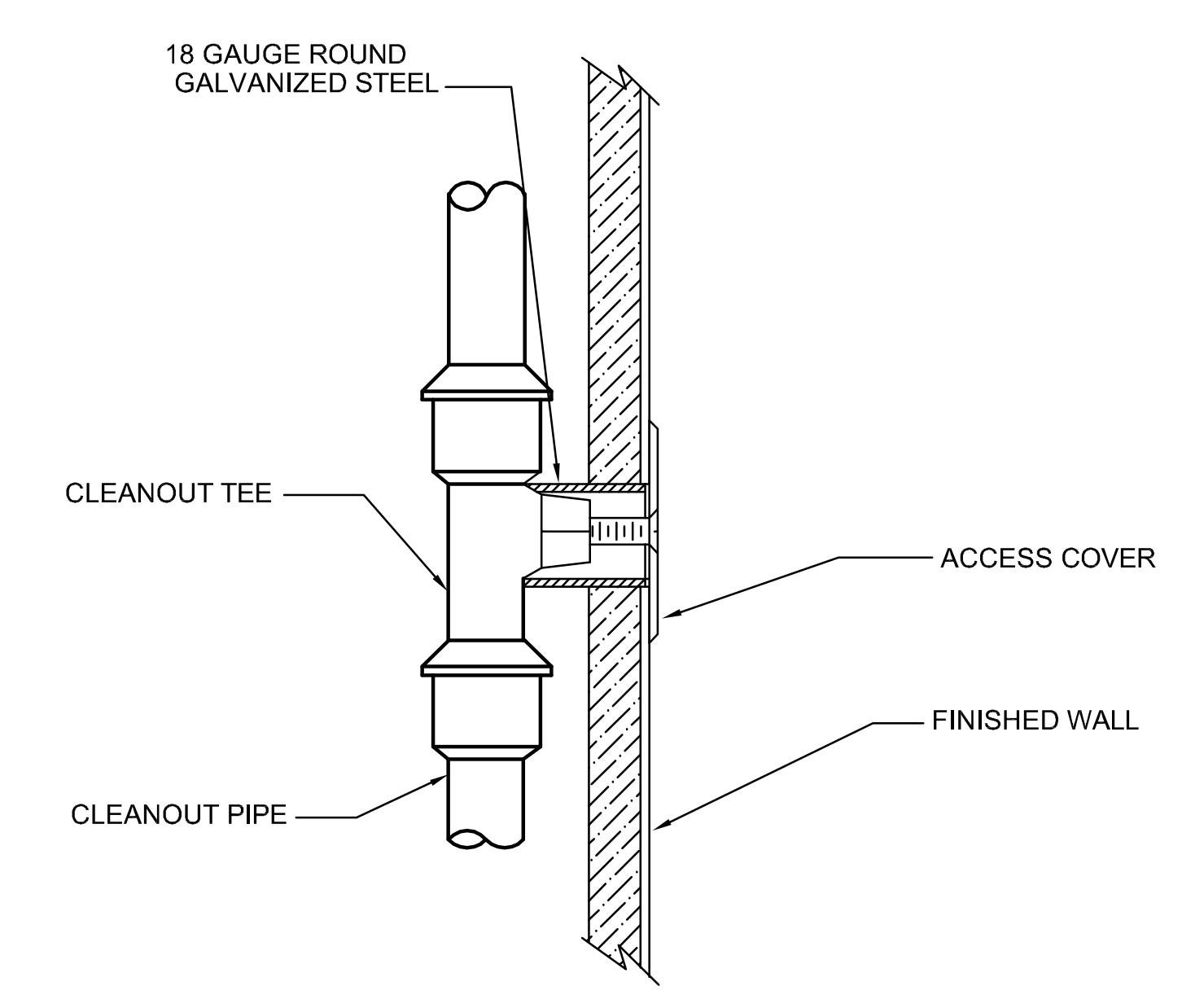
PIPE PENETRATION THRU WALL
NO SCALE



CONDENSATE TRAP DETAIL
NO SCALE



TRAP PRIMER DETAIL
NO SCALE



WALL CLEANOUT DETAIL
NO SCALE

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D. PIPE HANGERS

1. HOLD HORIZONTAL PIPE RUNS FIRMLY IN PLACE USING APPROVED STEEL AND IRON HANGERS, SUPPORTS, AND/OR PIPE RESTS, UNLESS OTHERWISE INDICATED. SUSPEND HANGER RODS FROM CONCRETE INSERTS OR FROM APPROVED BRACKETS, CLAMPS OR CLIPS. HANG PIPES INDIVIDUALLY, OR IN GROUPS IF SUPPORTING STRUCTURE IS ADEQUATE TO SUPPORT WEIGHT OF PIPING AND FLUID. EXCEPT FOR BURIED PIPING, HANG AND SUPPORT PIPE RUNS SO THEY MAY EXPAND OR CONTRACT FREELY WITHOUT STRAIN TO PIPE OR EQUIPMENT.
 - a. HORIZONTAL STEEL PIPING: PROVIDE HANGERS OR SUPPORTS EVERY 10 FEET EXCEPT EVERY 8 FEET FOR PIPING 1-1/4 INCH AND SMALLER.
 - b. HORIZONTAL SOIL AND WASTE PIPING: PROVIDE HANGERS OR SUPPORTS AT EACH SIDE OF FITTING. PROVIDE ANTI-SEPARATION OF BRACING AT EACH 90 DEGREE CHANGE OF DIRECTION.
 - c. VERTICAL PIPING: SUPPORT AT FLOOR WITH IRON PIPE CLAMPS. PROVIDE PLASTIC COATED TYPE FOR COPPER PIPING.
 - d. BRANCHES: PROVIDE SEPARATE HANGERS OR SUPPORTS FOR BRANCH LINES 6 FEET OR MORE IN LENGTH.
2. SOUND ELECTROLYSIS ISOLATORS: PROVIDE AT ALL HANGERS AND SUPPORTS FOR HOT AND COLD DOMESTIC WATER LINES. SECURELY ATTACH PIPE TO WALLS, STUDS, ETC. ALL SUCH PIPING ISOLATED FROM STRUCTURE WITH SEMCO TRISOLATORS.
3. HANGERS SHALL BE COMPLETE WITH THREADED STEEL RODS AND ISOLATORS AS REQUIRED AND HERE-IN-AFTER SPECIFIED.
 - a. 2 INCH AND SMALLER: SUPER STRUT C-727-F.
 - b. CONCRETE INSERTS: SUPER STRUT 452.
 - c. RISER CLAMPS FOR COPPER PIPING: SUPER STRUT CT-720-P PLASTIC COATED.
 - d. RISER CLAMPS FOR OTHER PIPING: SUPER STRUT C-720.
4. HANGER RODS CONFORM TO THE FOLLOWING TABLE:
 - a. PIPE SIZE 2 INCH AND SMALLER 3/8 INCH RODS.
 - b. PIPE SIZE 2-1/2 INCH AND 3 INCH 1/2 INCH RODS.
 - c. PIPE SIZE 4 INCH AND LARGER 5/8 INCH RODS.

E. ROOF FLASHING

1. SANITARY VENT FLASHINGS:
 - SEMCO 1100-3 OR 1100-5, WITH ONE PIECE LEAD FLASHING AND COUNTERFLASHING SLEEVE.
2. OTHER PIPE THROUGH ROOF FLASHING:
 - SEMCO 1100-2 OR 1100-4, ONE PIECE 4 LB. LEAD FLASHING AND COUNTERFLASHING SLEEVE.

F. PIPE SLEEVES

1. PROVIDE A DRAWING FOR THE STRUCTURAL CONTRACTOR SHOWING AND DIMENSIONING PIPE PENETRATIONS THROUGH CONCRETE FLOORS, INCLUDING PARKING CEILING. LOCATE AND SET PIPE PENETRATION SLEEVES IN SLAB PRIOR TO POURING.
2. AT CONCRETE WALLS OR FLOORS, ADJUST-TO-CRETE, PARAMOUNT, HOLE-OUT OR SPERZEL CRETESLEEVE, FLOOR SLEEVES SHALL EXTEND TO TOP OF CONCRETE CURBS FOR PIPING, RISING THROUGH FLOORS. WALL SLEEVES SHALL BE FLUSHED WITH FINISHED SURFACE. SLEEVES SHALL BE SIZED TO ALLOW 1/2" CLEARANCE AROUND PIPE INSULATION. INSULATION AND COVERING SHALL BE CONTINUOUS THROUGH WALL AND FLOOR SLEEVES.

G. CLEANOUTS

IRON BODY WITH EXTRA-HEAVY BRONZE PLUGS SCREWED INTO CAULKING FERRULES; FOR STEEL PIPE, EXTRA. WHERE CLEANOUTS OCCUR IN FINISHED INTERIOR WALLS, PROVIDE ACCESS PANELS, PLATES, AND FRAMES FOR FLUSH MOUNTING. EXPOSED PARTS OF FLOOR CLEANOUTS SHALL HAVE ADJUSTABLE TOP. ALL CLEANOUTS AND CLEANOUT PLUGS SHALL BE ACCESSIBLE. CLEANOUTS SHALL BE THE FOLLOWING:

1.08 EXISTING CONDITIONS

1. INTERIOR:

- A. TILE WALL, PLASTERED AND/OR DRYWALL TYPE FOR CAST-IRON PIPE: ZURN Z-1441 WITH STAINLESS STEEL ACCESS COVER OR APPROVED EQUAL.
- B. FLOOR LEVEL TYPE IN FINISHED AREAS: ZURN Z-1400-ZB, WITH POLISHED BRONZE TOP OR APPROVED EQUAL.
- C. FLOOR LEVEL TYPE IN FINISHED AREAS WITH WATERPROOFING MEMBRANE: ZURN Z-1400-KC-ZB, WITH POLISHED BRONZE TOP OR APPROVED EQUAL.
- D. GRADE LEVEL TYPE OUTSIDE BUILDING: ZURN Z-1406 OR APPROVED EQUAL.

H. PRESSURE TEMPERATURE RELIEF VALVE

1. PROVIDE WATER HEATER WITH ASME RATED PRESSURE/TEMPERATURE RELIEF VALVE SET TO RELIEVE AT 125 PSI PRESSURE AND AT 188 TO 208 DEGREES F TEMPERATURE RANGE.

I. INSULATION

1. ALL PIPE INSULATION SHALL COMPLY WITH THE STATE OF CALIFORNIA ENERGY CONSERVATION STANDARDS. INSULATION THICKNESSES IN THE RANGE OF R-4.0 TO R-4.6 PER INCH THICKNESS ON A FLAT SURFACE AT A MEAN TEMPERATURE OF 75 DEGREES F. THICKNESSES INDICATED ARE MINIMUM AND SHALL BE INCREASED PROPORTIONATELY FOR MATERIALS HAVING R VALUES LESS THAN 4.00 PER INCH OF THICKNESS OR MAY BE REDUCED FOR MATERIALS HAVING R VALUES GREATER THAN 4.6 PER INCH THICKNESS. INSTALL PIPE INSULATION AFTER PIPING IS INSTALLED, TESTED AND APPROVED AND IS IN CLEAN, DRY CONDITION. FIRMLY BUTT INSULATION JOINTS.
2. INSULATE ALL HOT WATER PIPING (SUPPLY AND RETURN) WITH GLASS FIBER PIPE INSULATION WITH FACTORY APPLIED WHITE JACKET, J-M MICRO-LOK 650 AP, 1 INCH THICK FOR PIPE SIZES TO 1-1/4 INCH AND LARGER. INSULATE FITTINGS AND VALVES WITH PREFORMED INSULATION WITH PVC PREFORMED ONE PIECE FITTING COVER, J.M. ZESTON COVER, ADHERE LONGITUDINAL LAPS AND BUTTS OF STRIPS OF JACKET WITH FACTORY APPLIED PRESSURE SENSITIVE TAPE SYSTEM, J-M APT-T. FLANGES AND UNIONS SHALL NOT BE COVERED.

J. PLUMBING FIXTURES

1. GENERAL: PLUMBING FIXTURES, TRIM AND EXPOSED SUPPLIES AND WASTES SHALL BE BRASS WITH POLISHED CHROME PLATED FINISH. PROVIDE INDIVIDUAL LOOSE KEY STOPS OR, IF SO SPECIFIED, SCREW DRIVER STOPS FOR SUPPLIES AND, UNLESS INTEGRAL WITH VALVES OR FAUCETS, MOUNT UNDER FIXTURE. SEPARATELY TRAP ALL WASTES. PROVIDE EXPOSED SUPPLIES AND WASTES TO WALL WITH POLISHED CHROME PLATED CAST BRASS WALL ESCUTCHEONS.

2. FLOOR MOUNTED WATER CLOSETS: MAKE JOINTS PERMANENTLY GAS AND WATER TIGHT.
3. GENERAL: PLUMBING FIXTURES, TRIM AND EXPOSED SUPPLIES AND WASTES SHALL BE BRASS WITH POLISHED CHROME PLATED FINISH. PROVIDE INDIVIDUAL LOOSE KEY STOPS.
4. FIXTURES, TRIM AND ACCESSORIES: AS INDICATED ON THE DRAWINGS.

PART 3.00 - EXECUTION

3.01 INSTALLATION

- A. THE WORD "PIPING" IN THIS PARAGRAPH MEANS PIPE, FITTINGS, NIPPLES, VALVES AND ACCESSORIES PERTINENT TO MAINS AND CONNECTIONS THROUGHOUT THE WORK.
- B. THE CONTRACTOR SHALL BE PROMPT IN INSTALLING ALL PIPING AFTER EXCAVATION OR CUTTING FOR SAME, SO AS TO KEEP ALL EXCAVATIONS FOR THIS WORK OPEN AS SHORT A TIME AS POSSIBLE. NO PIPING, HOWEVER, SHALL BE PERMANENTLY CLOSED UP, FURRED IN OR COVERED BEFORE INSPECTION AND APPROVAL OF SAME BY ARCHITECT OR HIS REPRESENTATIVE.
- C. COVER OR PLUG ALL OPENINGS IN PIPES, FITTINGS, APPARATUS OR EQUIPMENT AT THE END OF EACH WORK DAY. ALL WATER PIPING SHALL BE GUARDED AND VALVED TO PROVIDE FOR DRAINAGE AND CONTROL OF THE SYSTEM. NO SOIL, WASTE OR WATER PIPING SHALL BE INSTALLED SO AS TO CAUSE UNUSUAL NOISE FROM FLOW OF WATER UNDER NORMAL CONDITIONS.
- D. ALL PIPING, EXCEPT AS SHOWN OTHERWISE ON PLANS OR AS INSTRUCTED OTHERWISE BY THE ARCHITECT, SHALL BE RUN CONCEALED IN FURRED WALLS, PARTITIONS, FURRED CEILINGS, ETC. WHERE PIPING IS EXPOSED, IT SHALL BE RUN ADJACENT TO WALLS OR PARALLEL TO CONSTRUCTION IN NEAT AND ORDERLY FASHION AS DIRECTED BY THE ARCHITECT.
- E. EACH PIECE OF PIPE AND EACH FITTING SHALL BE INSPECTED INSIDE AND OUTSIDE TO SEE THAT THERE ARE NO DEFECTS OR OBSTRUCTIONS WITHIN SAME; ALL STEEL PIPES SHALL BE THOROUGHLY END-REAMED AND ALL BURRS SHALL BE REMOVED. JOINTS IN SCREWED PIPE SHALL BE MADE UP WITH AN APPROVED PIPE JOINT COMPOUND APPLIED TO MAKE MALE THREAD ONLY WITH NOT MORE THAN TWO THREADS LEFT EXPOSED.
- F. NO BUSHINGS OR CLOSE NIPPLES SHALL BE USED, REDUCING FITTINGS AND SHOULDER NIPPLES SHALL BE USED IN ALL CASES.
- G. COPPER TUBING SHALL BE CUT SQUARE AND ENDS SHALL BE REAMED TO FULL SIZE OF TUBING WITH ALL BURRS REMOVED. TUBING ENDS AND FITTINGS SOCKETS SHALL BE BURNISHED WITH EMERY CLOTH OR WIRE BRUSH BEFORE A UNIFORM COAT OF NON-CORROSIVE TYPE SOLDERING FLUX IS APPLIED. THE JOINT SHALL BE MADE PROMPTLY AND SURPLUS SOLDER AND FLUX SHALL BE WIPED CLEAN.
- H. ALL PIPING SHALL BE ACCURATELY CUT TO LENGTH. NO PIPING SHALL BE FORCED OR SPRUNG INTO PLACE. ALL OFF-SETS SHALL BE MADE WITH FITTINGS AND BENDING OF PIPES SHALL NOT BE ALLOWED.
- I. ALL PIPING SHALL BE ISOLATED FROM HANGERS BY USING HAIR FELT, 1/4" THICK, BETWEEN HANGERS AND/OR PLASTIC TWO-HOLD PIPE CLAMPS, PIPE INSULATORS AND SUSPENSION CLAMPS.
- J. SET ALL DRAIN GRATES PARALLEL TO WALLS.
- K. SANITARY SYSTEM: INSTALL ALL SOIL, WASTE AND VENT PIPING FOR ALL FIXTURES AND OUTLETS AS SHOWN ON DRAWINGS. PIPING SHALL BE SUPPORTED AND STRAPPED IN AN APPROVED MANNER. SUPPORTS ON SANITARY PIPING IN AND UNDER THE BUILDING SHALL RUN TO A UNIFORM GRADE. CONTRACTOR SHALL VERIFY THE POINT OF CONNECTION AS SHOWN ON DRAWINGS REGARDING INVERT ELEVATION AND LOCATION BEFORE STARTING WORK. WASTE LINES SHALL NOT PENETRATE SHEAR WALL TOP AND BOTTOM PLATES.
- L. CLEANOUTS SHALL BE INSTALLED WHERE SHOWN AND REQUIRED, SHALL BE ACCESSIBLE, AND WHERE POSSIBLE SHALL BE EXTENDED TO OUTSIDE WALL, AND SHALL BE BROUGHT TO GRADE ON FLOOR SURFACE WITH 90° 1/8 BEND. WASTE AND SOIL LINES, IN, UNDER, AND EXTERIOR TO BUILDINGS SHALL BE PROVIDED WITH CLEANOUTS AT ALL BENDS TOTALING MORE THAN 45 DEGREES AT UPPER TERMINALS. AT CHANGES IN PIPE SIZES AND NOT OVER 100 FEET APART IN ANY LINEAL RUN OF PIPING.
- M. CLEANOUTS IN FLOOR ON GRADE, CONCRETE AREAS SHALL SET FLUSH WITH FINISHED FLOOR. CLEANOUT PLUGS SHALL BE LIBERALLY LUBRICATED WITH GRAPHITE, TURNED TIGHT AND BACKED OFF SLIGHTLY. CLEANOUTS LOCATED IN AREAS OF HEAVY TRAFFIC OR FORKLIFT USE SHALL BE EXTRA HEAVY DUTY.
- N. WATER SYSTEM: EXTEND WATER SERVICES TO ALL FIXTURES, HOSE BIBBS, ETC., AS SHOWN ON DRAWINGS. ALL BRANCHES TO FIXTURES SHALL BE VALVED. SINGLE FIXTURE LINES SHALL BE VALVED, WHERE SUPPLIES ARE CONCEALED, OR WHERE INDICATED, LOOSE-KEY STOPS SHALL BE INSTALLED. DROP EAR FITTINGS WITH RED BRASS NIPPLES SHALL BE PROVIDED AT ALL OUTLETS.
 1. PIPING IN GENERAL SHALL BE RUN AS SHOWN ON DRAWINGS WITH EXACT LOCATION AS DESIGNATED BY ARCHITECT OR HIS AUTHORIZED REPRESENTATIVES.
 2. LINES SHALL BE INSTALLED IN A SEPARATE TRENCH EXCEPT AS DETAILED ON DRAWINGS. LINES CROSSING OTHER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 12" VERTICALLY. GENERALLY THE WATER LINE WILL BE OFFSET OVER THE SANITARY WHEN THEY ARE LESS THAN 36" BELOW FINISH GRADE.
 3. COPPER LINES SHALL BE ISOLATED FROM ALL DISSIMILAR METAL AND EQUIPMENT WITH DIELECTRIC COUPLINGS. DIELECTRIC COUPLINGS SHALL BE USED FOR ALL CONNECTIONS BETWEEN PIPE OR TUBING AND ALL HOT WATER EQUIPMENT BOTH IN INLETS AND OUTLETS.
- O. HOLD HORIZONTAL PIPE RUNS FIRMLY IN PLACE USING APPROVED STEEL AND IRON HANGERS, SUPPORTS, AND/OR PIPE RESTS, UNLESS OTHERWISE INDICATED. SUSPEND HANGER RODS FORM CONCRETE INSERTS OR FROM APPROVED BRACKETS, CLAMPS OR CLIPS. HANG PIPES INDIVIDUALLY OR IN GROUPS IF SUPPORTING STRUCTURE IS ADEQUATE TO SUPPORT WEIGHT OR PIPING AND FLUID. EXCEPT FOR BURIED PIPING, HANG OR SUPPORT PIPE RUNS SO THAT THEY MAY EXPAND OR CONTRACT FREELY WITHOUT STRAIN TO PIPE OR EQUIPMENT.
 1. ALL WATER PIPING SHALL BE EQUIPPED WITH SEMCO-TRISOLATOR OR EQUAL AT EACH PIPE HANGER AND SUPPORT OR WHEREVER PIPING CONTACTS THE STRUCTURE.
 2. IN ADDITION TO ABOVE HANGERS, PIPING SHALL BE SUPPORTED AT EACH CHANGE OF DIRECTION, AT ENDS OF BRANCHES, AT BASE AND TOP OF RISERS AND WHEREVER NECESSARY TO PREVENT SAGS, BENDING OR VIBRATION.
- P. HANGERS: PIPING IN GENERAL SHALL BE SUPPORTED WITH 3/8" SOCKET ANF RODS, SUSPENDED FROM 1/2" X 2" X 2" ANGLE CLIPS 3-1/2" LONG SECURED TO STRUCTURE WITH NOT LESS THAN 2 NO. 6 DRIVE SCREWS, 2" LONG. HANGERS SHALL BE GRINNELL FIGURE 115 SPLIT RING FEE & MASON NO. 215 OR EQUAL WITH TURNBUCKLE ADJUSTED FOR THREADED ROD, PROVIDE LATERAL SWAY BRACING FOR EACH THIRD HANGER ROD.
 1. ALL WATER PIPING SHALL BE EQUIPPED WITH SEMCO-TRISOLATOR OR EQUAL AT EACH PIPE HANGER AND SUPPORT OR WHEREVER PIPING CONTACTS THE STRUCTURE.
 2. PIPING PARTITIONS SHALL BE STRAPPED IN AN APPROVED MANNER WITH 2 HOLE CLAMPS. THE USE OF PLUMBERS TAPE SHALL NOT BE PERMITTED.
 3. IN ADDITION TO ABOVE HANGERS, PIPING SHALL BE SUPPORTED AT EACH CHANGE OF DIRECTION, AT ENDS OF BRANCHES, AT BASE AND TOP OF RISERS AND WHEREVER NECESSARY TO PREVENT SAGS, BENDING OR VIBRATION.

- Q. ESCUTCHEONS: PROVIDE CHROMIUM PLATED BRASS ESCUTCHEONS AT ALL LOCATIONS WHERE PIPE PASSES THROUGH WALLS, FLOORS AND CEILINGS IN FINISHED AREAS. PROVIDE IRON ESCUTCHEONS IN UNFINISHED AREAS.

3.02 HAZARDOUS MATERIALS

- A. THE OWNERS REPRESENTATIVE SHALL BE RESPONSIBLE TO IDENTIFY ALL ASBESTOS MATERIALS IN EACH OF THE WORK AREAS PRIOR TO THE COMMENCEMENT OF THE INSTALLATION WORK.
- B. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ANY ADDITIONAL MATERIALS ON THE SITE, THAT HE HAS REASON TO BELIEVE TO BE ASBESTOS, POLYCHLORINATED BIPHENYL (PCB), OR OTHER HAZARDOUS MATERIALS, WHICH HAVE NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED, AND REPORT THE CONDITION TO OWNER, AND PROJECT ENGINEER IN WRITING.
- C. THE WORK IN THE AFFECTED AREA SHALL NOT BE RESUMED THEREAFTER, UNTIL THE MATERIALS HAVE BEEN RENDERED HARMLESS AND WRITTEN AGREEMENT IS MADE BETWEEN THE CONTRACTOR AND THE OWNER.

3.03 STERILIZATION

- A. CLEAN AND STERILIZE WATER SUPPLY AND DISTRIBUTION SYSTEM AS REQUIRED BY CODE. PROVIDE CERTIFICATE TO ARCHITECT.

3.04 FIELD QUALITY CONTROL & TESTS

- A. PERFORM TESTS TO ARCHITECTS SATISFACTION. MAKE TESTS IN PRESENCE OF ARCHITECT AND AT A TIME SUITABLE TO HIM IF REQUESTED. FURNISH NECESSARY LABOR AND EQUIPMENT AND BEAR COSTS FOR TESTING, COST OF REPLACING AND/OR REPAIRING DAMAGE RESULTING THEREFROM SHALL BE BORNE BY THIS CONTRACTOR. SHOULD THIS CONTRACTOR REFUSE OR NEGLECT TO MAKE TESTS NECESSARY TO SATISFY THE ARCHITECT THAT REQUIREMENTS OF SPECIFICATIONS AND DRAWINGS ARE MET, SUCH TESTS MAY BE MADE BY AN INDEPENDENT TESTING COMPANY AND THIS CONTRACTOR CHARGED FOR ALL EXPENSES.
- B. HYDROSTATIC TESTS: MAKE BY COMPLETELY FILLING PIPING SYSTEM WITH WATER AND ELIMINATING ACCUMULATIONS OF AIR SO THAT LEAKAGE, NO MATTER HOW SMALL, WILL BE APPARENT ON TEST GAUGE IMMEDIATELY, BUT IN NO CASE LESS THAN 24 HOURS.
- C. ALL DOMESTIC HOT AND COLD WATER PIPING SHALL BE PRESSURE TESTED TO THE APPROVAL OF THE ADMINISTRATIVE AUTHORITY AND MINIMUM STANDARDS, AS FOLLOWS:

SYSTEM	TEST PRESSURE
DOMESTIC HOT & COLD WATER	150 PSI

1. ALL PIPING SHALL BE FULLY EXPOSED FOR INSPECTION
2. ALL TESTING IN THE PRESENCE OF THE AUTHORIZED INSPECTOR

- D. SANITARY SOIL, WASTE AND VENT SYSTEM TESTS: BEFORE INSTALLATION OF FIXTURES, CAP ENDS OF SYSTEM AND FILL LINES WITH WATER TO ROOF LINE (INCLUDING VENTS) AND ALLOW TO STAND UNTIL A THOROUGH INSPECTION IS MADE. MAKE TESTS IN SECTIONS IF NECESSARY OR CONVENIENT. HOWEVER, INCLUDE INTERCONNECTIONS BETWEEN NEW SECTIONS AND PREVIOUSLY TESTED SECTIONS IN THE NEW TEST.
- E. OPERATIONAL TESTS SHALL BE MADE ON ALL EQUIPMENT FIXTURES AND DEVICES TO DETERMINE PROPER COMPLIANCE WITH SPECIFICATIONS. ALL EQUIPMENT SHALL FUNCTION QUIETLY AND EFFICIENTLY; AND UNDUE NOISE OR VIBRATION CAUSED BY MALFUNCTIONING OF PIPING, EQUIPMENT, ETC., SHALL BE PROMPTLY CORRECTED BEFORE ACCEPTANCE.

3.05 PROTECTION

- A. PROTECT MATERIALS AND FIXTURES AFTER INSTALLATION AGAINST DAMAGE OR USE DURING CONSTRUCTION.
- B. FIXTURES AND EQUIPMENT WITH DAMAGED FINISH SHALL BE REMOVED AND REPLACED WITH NEW FIXTURES AND/OR EQUIPMENT AT THE CONTRACTORS EXPENSE.

3.06 FIXTURE SETTING

- A. FIXTURES SHALL BE ANCHORED AND SET LEVEL AND SQUARE WITH RELATION TO WALLS AND FLOOR LINES, USING EQUAL SPACING AND GROUPING. CONTRACTOR SHALL ENSURE BACKING FOR FIXTURES IS INSTALLED. SEAL FIXTURES AT WALL OR FLOOR WITH DOW CORNING NO. 780 WHITE MASTIC CEMENT.

3.07 CLEAN UP

- A. UPON COMPLETION, REMOVE EXCESS MATERIAL AND EQUIPMENT FROM THE JOB SITE, LEAVING THE AREA IN A BROOM CLEAN CONDITION.

3.8 PROJECT CLOSE-OUT REQUIREMENTS

- A. PROVIDE THE FOLLOWING ITEMS AS PREREQUISITE TO THE ISSUANCE OF CERTIFICATE FOR FINAL PAYMENT AND FORMAL ACCEPTANCE OF THE PROJECT.
 1. "AS-BUILT" RECORD DRAWINGS
 2. TEST REPORTS
 3. CERTIFIED STATEMENT OF LABORATORY TESTS
- B. ALL "AS-BUILT" RECORD DRAWINGS, TEST AND BALANCE REPORTS, MAINTENANCE AND OPERATING MANUALS AND OPERATIONAL TEST INSPECTIONS SHALL BE APPROVED IN WRITING BY THE PROJECT ENGINEER.

END OF SECTION

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PLUMBING SPECIFICATIONS

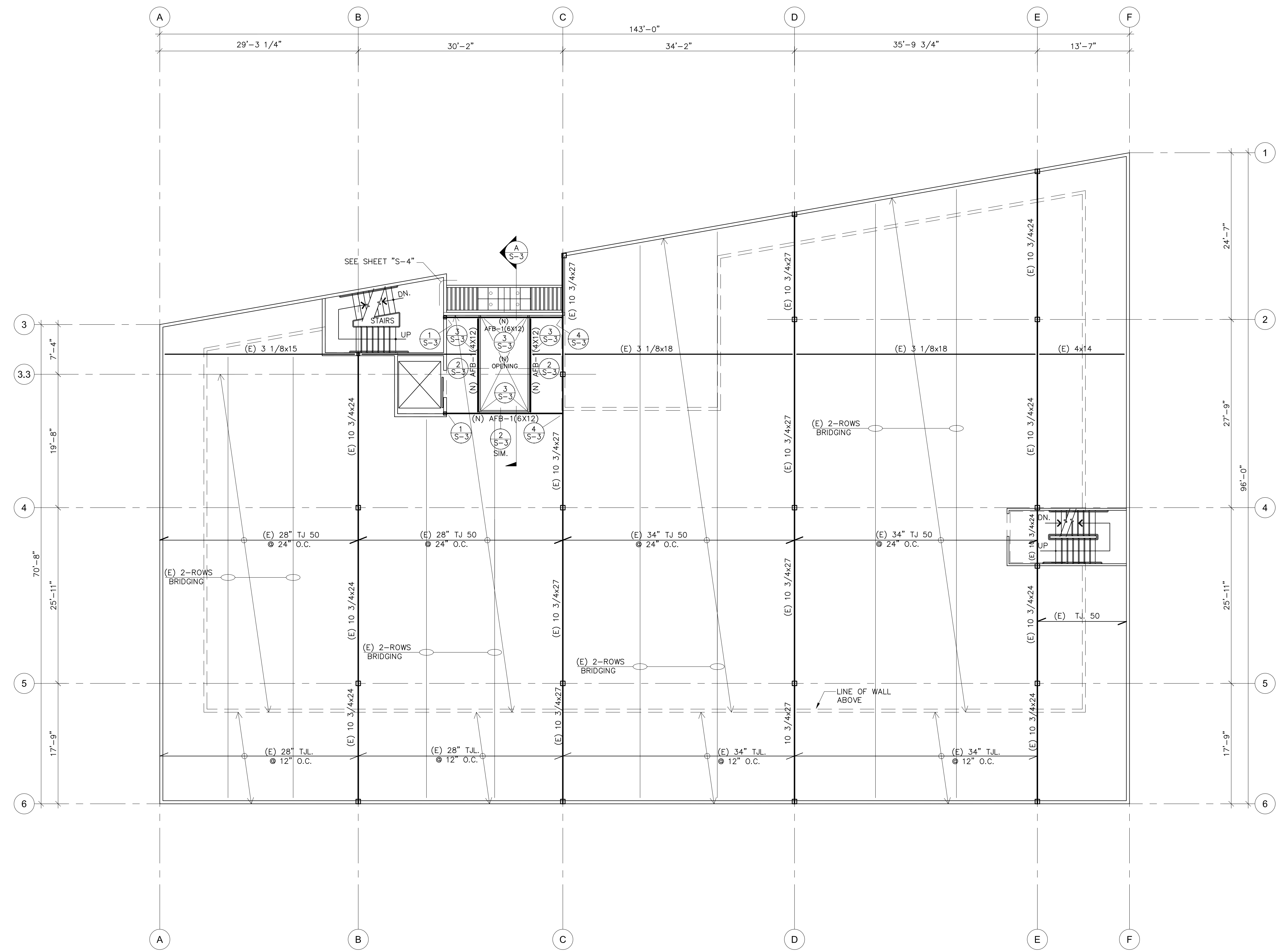
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2011.10.10	PLAN CHECK	
2011.10.10	PLAN CHECK	RE-SUBMITAL
2012.01.05	ISSUE FOR CONSTRUCTION	

PA / PM: TENGSH
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JOB NO.: SDG11-6064-00

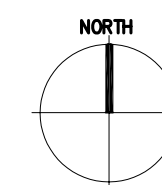
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EXISTING FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0" (FL03)



LEGENDS:
(E) = DENOTES EXISTING
(N) = DENOTES NEW

- NOTES:**
- BOUNDARY NAILING AROUND THE NEW OPENINGS.
 - VERIFY ALL DIMENSIONS WITH ARCHIT'L DWG'S BEFORE START OF ANY WORK.
 - CONTRACTOR SHALL BE SHORE AND PROTECT EXISTING FLOOR BEFORE SAW-CUTTING THE FLOOR.

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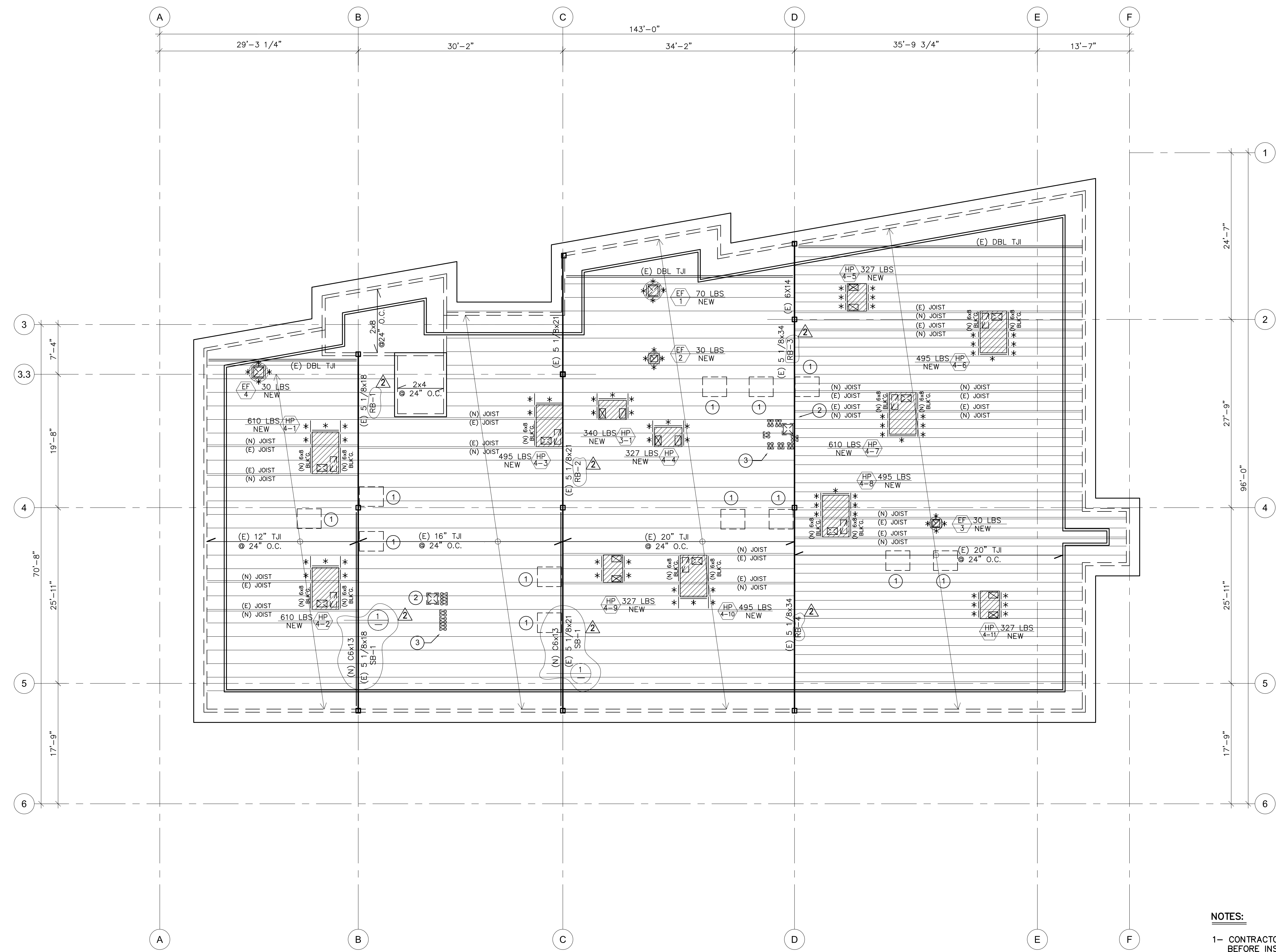
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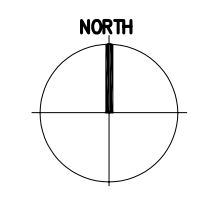
EXISTG. FLR. FRAMING PLAN, NEW FLR. OPENING AND CANOPY		DATE	REMARKS
1	PLAN CHECK SUBMITAL	9	
2	ISSUE FOR CONSTRUCTION	10	
3		11	
4		12	
5		13	
6		14	
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8		16	

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CHECKED BY: **SHROM**
JOB NO.: **05-145-11**

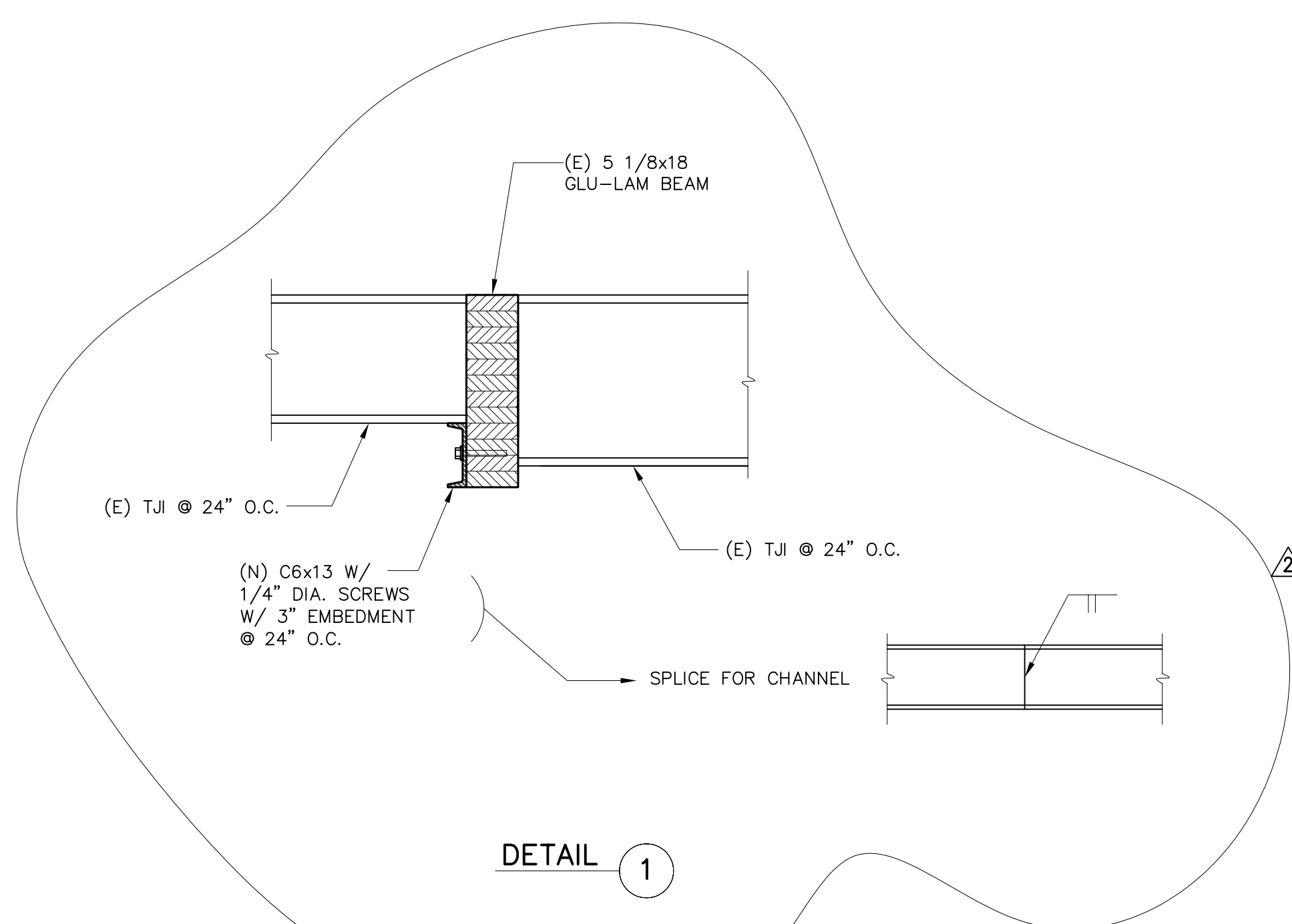
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EXISTING ROOF FRAMING PLAN
 SCALE: 1/8"=1'-0"



- NOTES:**
- ① FUTURE CONDENSING UNIT FOR FUTURE 2ND FLOOR TENANT- (MAX. OPERATING WEIGHT-320 LBS.)
 - ② FUTURE OUTSIDE AIR SUPPLY AIR FAN FOR FUTURE 2ND FLOOR TENANT FAN COIL UNITS. PROVIDE ROOF CURB AND SHEETMETAL CAP FOR FUTURE SUPPLY FAN. (120V/1PH., 1/4 HP, 100 LBS)
 - ③ 3/8" SUCTION AND 3/8" O.D. LIQUID REFRIGERANT LINES CAPPED FOR FUTURE EXTENSION (TYP.)
- INDICATES FUTURE UNITS, NOT PART OF THIS PERMIT



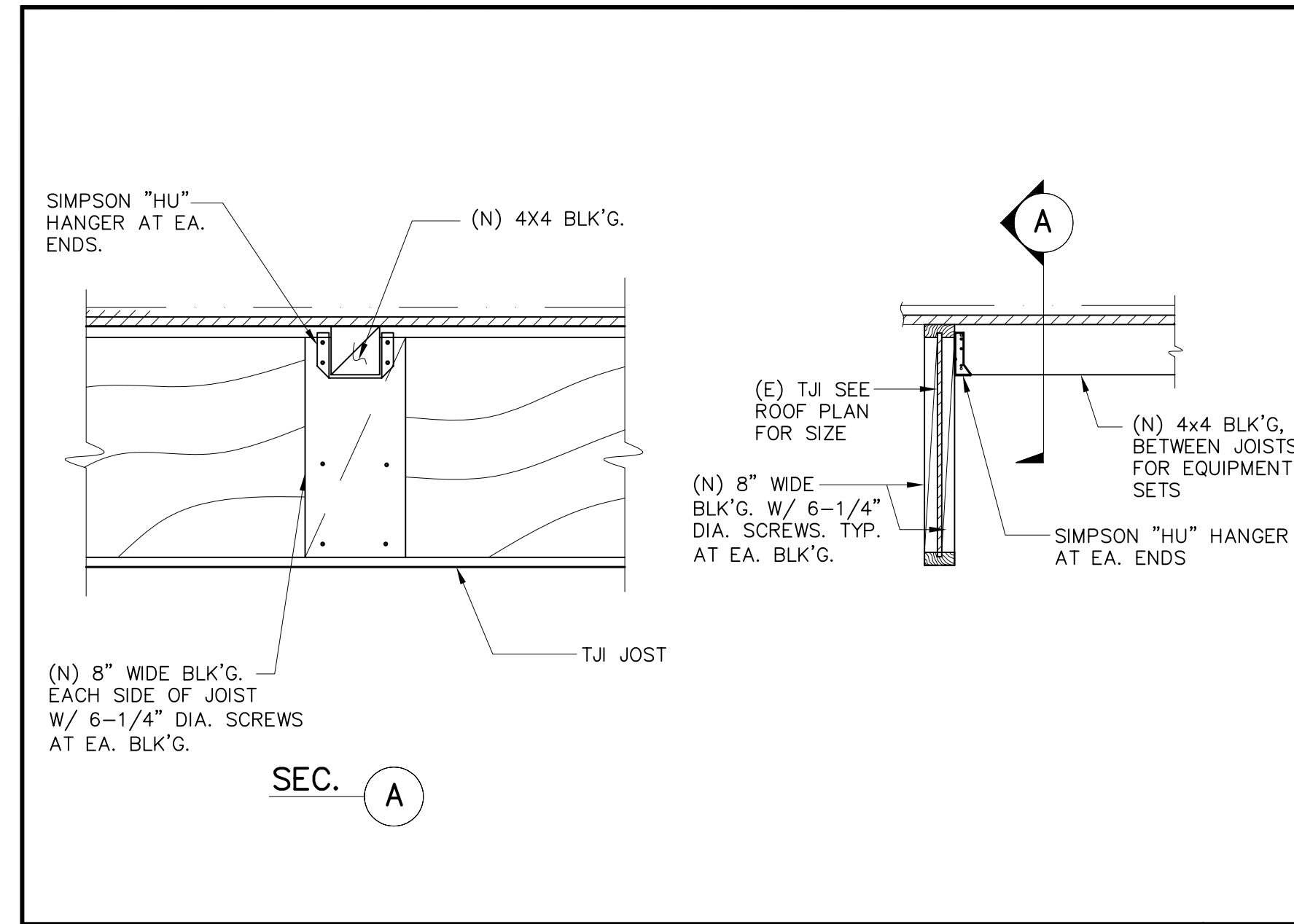
- NOTES:**
- 1- CONTRACTOR SHALL REMOVE EXISTING UNITS BEFORE INSTALLING NEW UNITS.
 - 2- EXISTING OPENINGS SHALL BE CLOSED AND PATCH TO MATCH EXISTING ROOF FINISH.
 - 3- FOR NEW UNITS DETAIL SEE ①-③
 - 4- FOR NEW EXHAUST FAN DETAIL SEE ④
 - 5- FOR NEW 6x8 BLK'G. SEE DETAIL ⑤
 - 6- DOUBLING EXISTING JOIST CONNECTION TO GLU-LAM BEAM. SEE DETAIL ⑥

- LEGENDS:**
- 1- * DENOTES NEW 4x4 BLK'G.
 - 2- (E) DENOTES EXISTING.
 - 3- (N) DENOTES NEW.

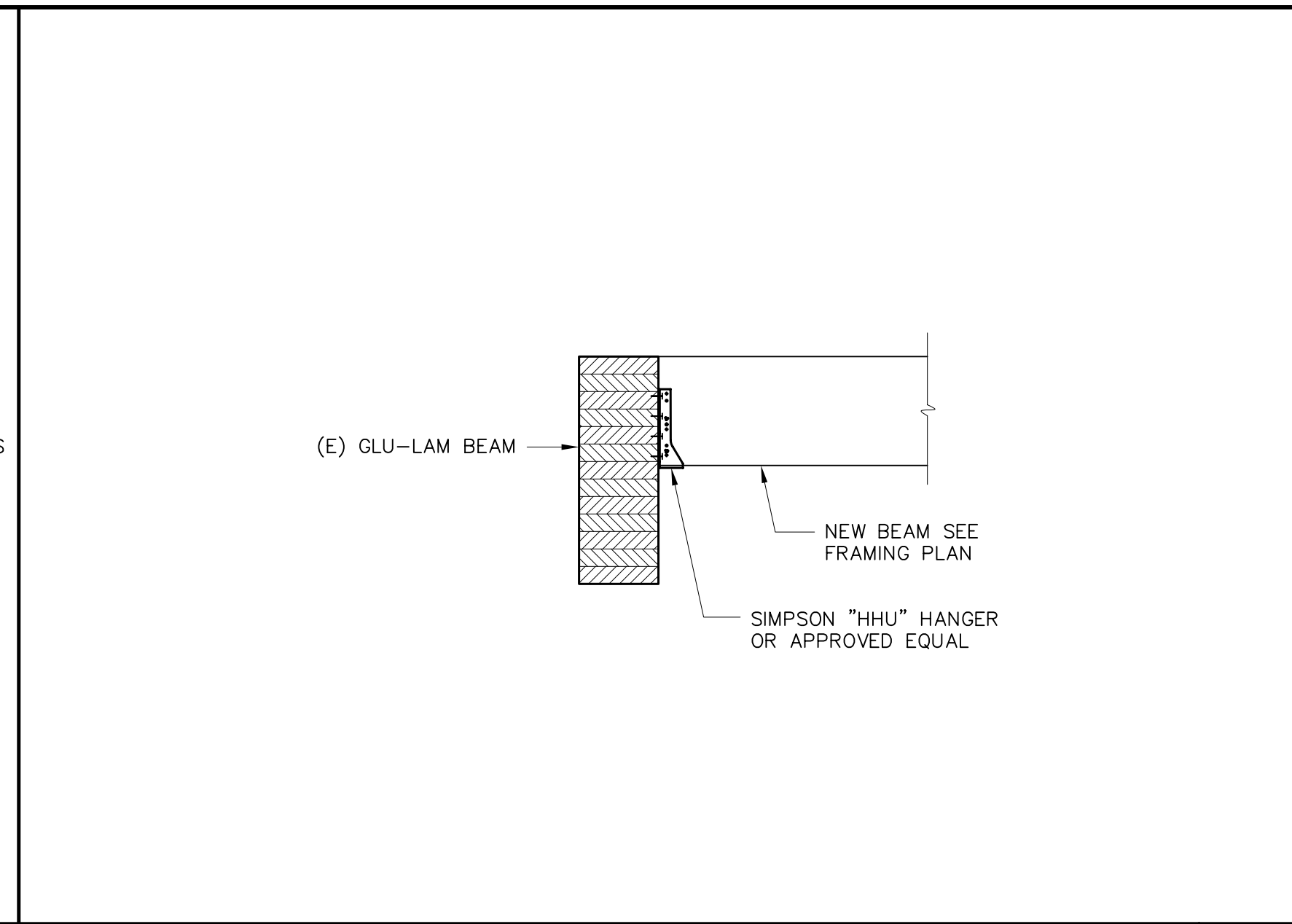
EXIST'G. ROOF FRAMING PLAN AND NEW A.C. UNITS		DATE	REMARKS
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2	OCT-27-11	PLAN CHECK RE-SUBMITAL	10
3		ISSUE FOR CONSTRUCTION	11
4			12
5			13
6			14
7			15
8			16

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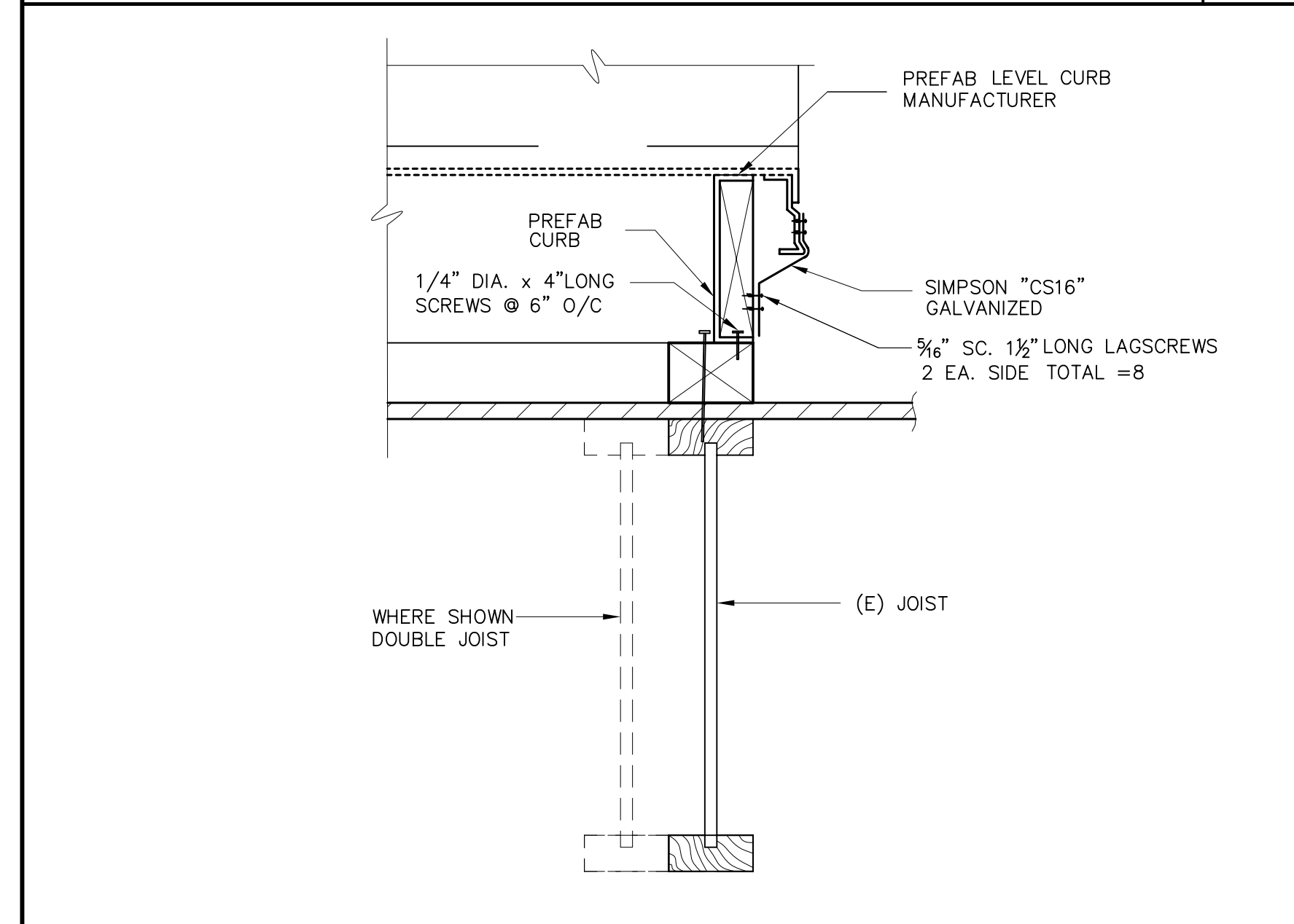
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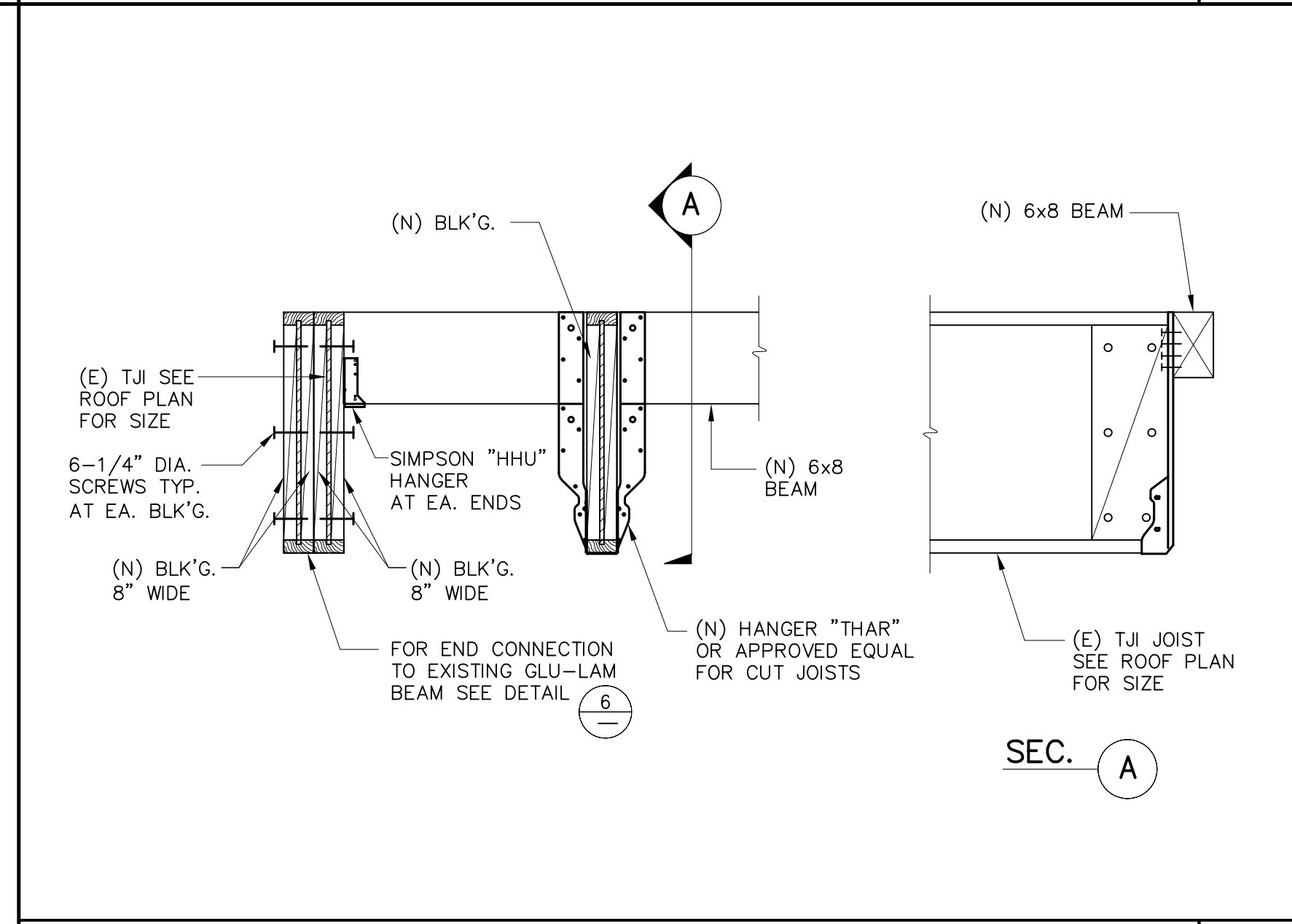
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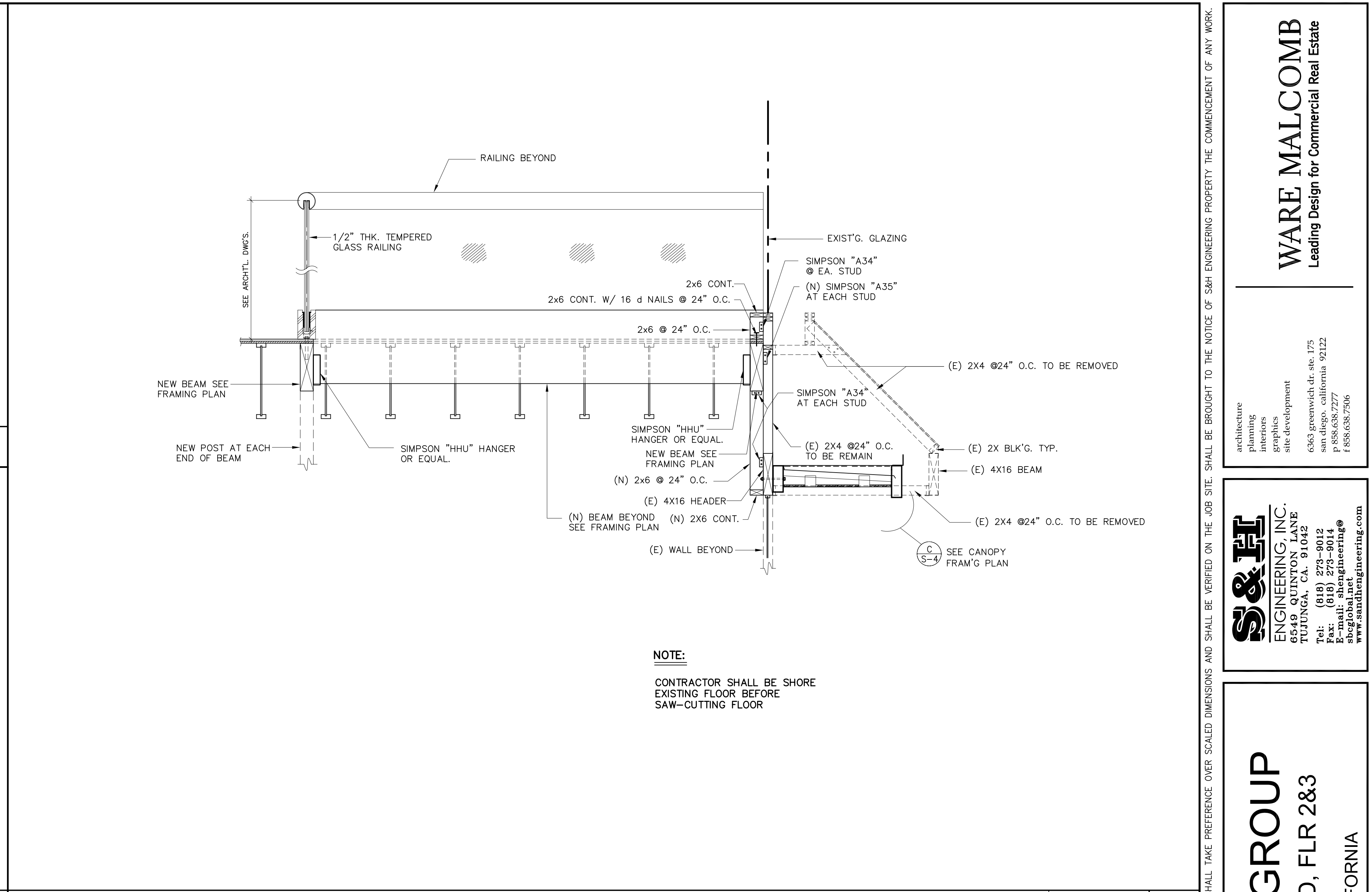
NEW BEAM TO EXIST'G. GLU-LAM BEAM 4



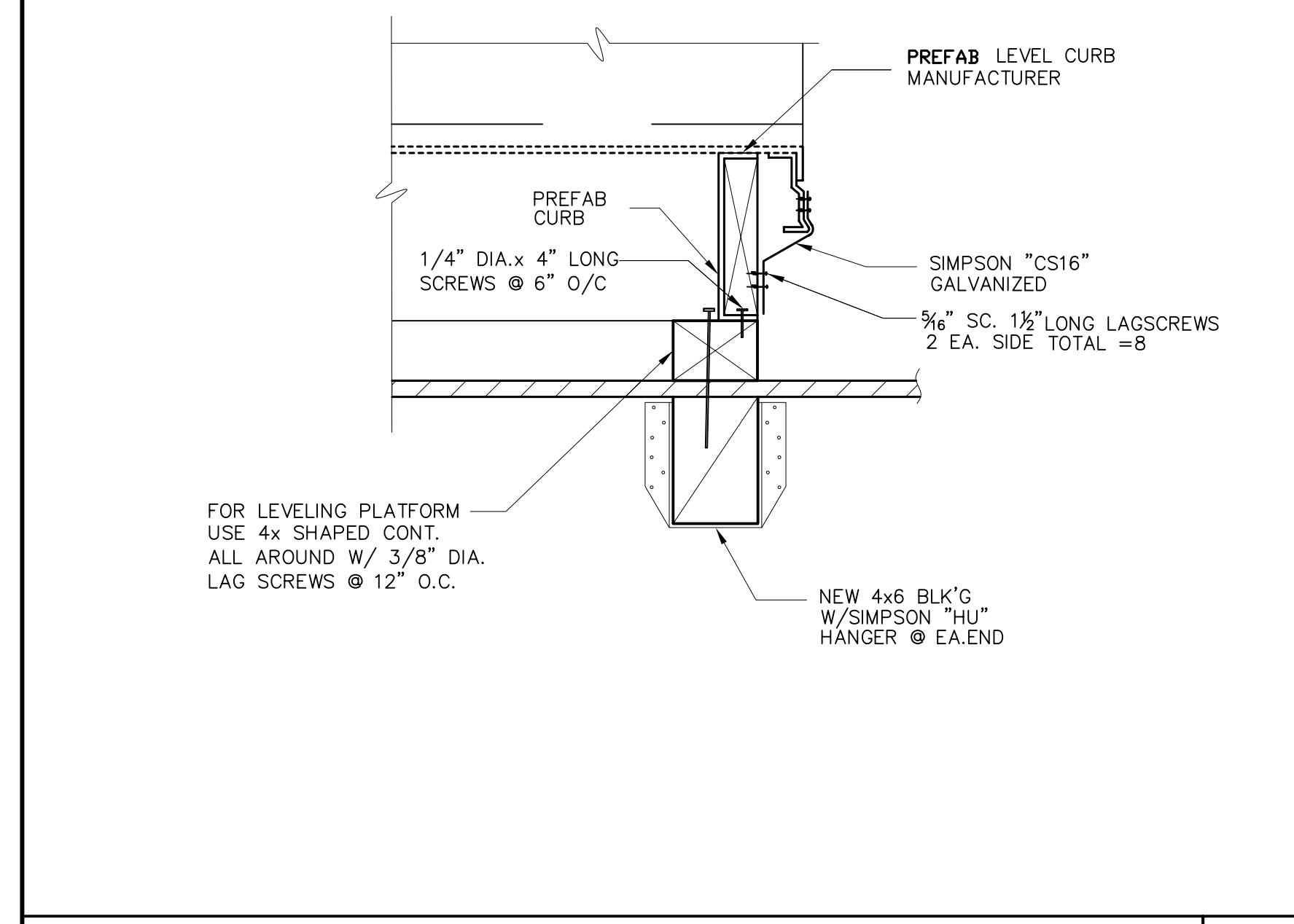
DETAIL 9



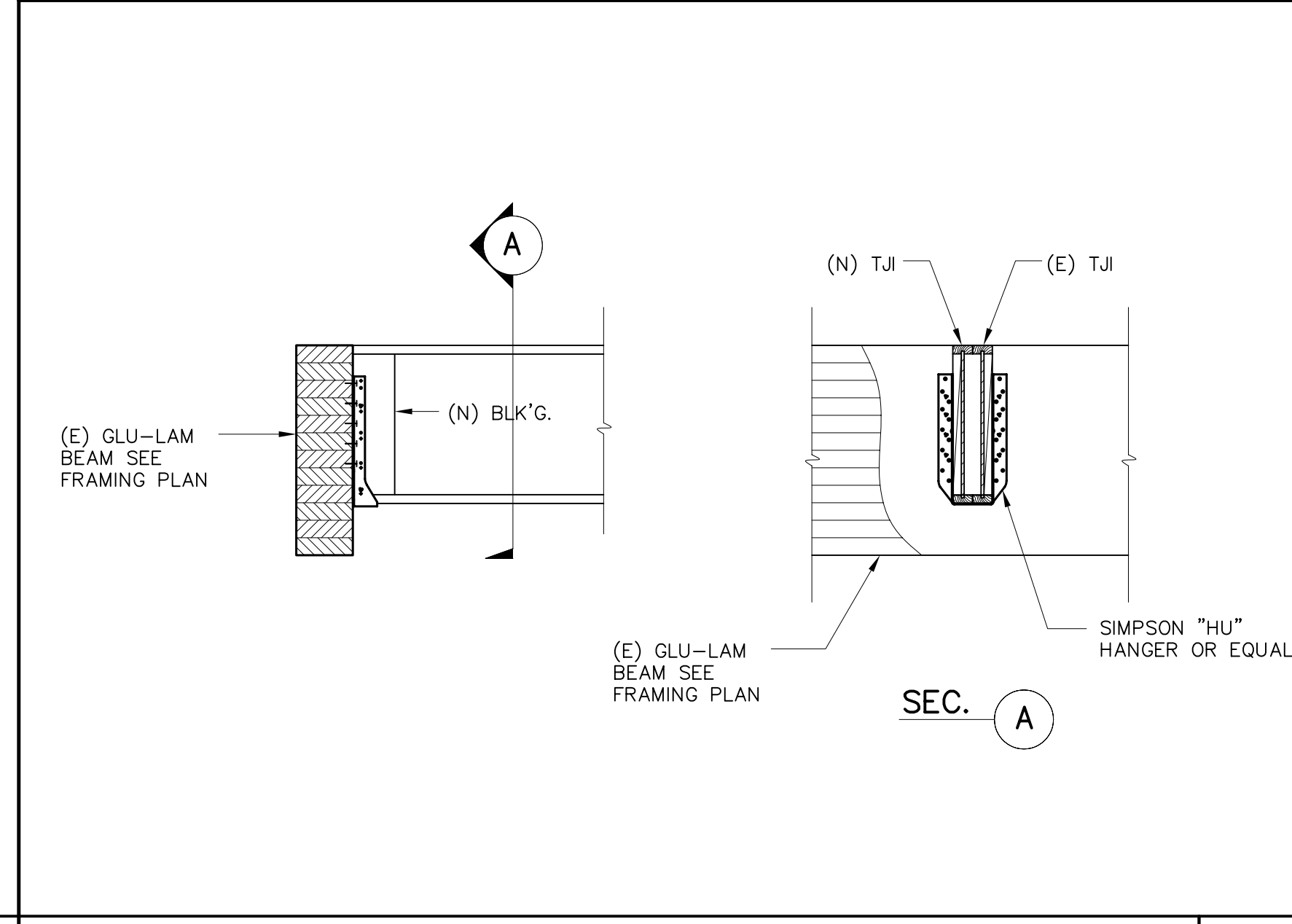
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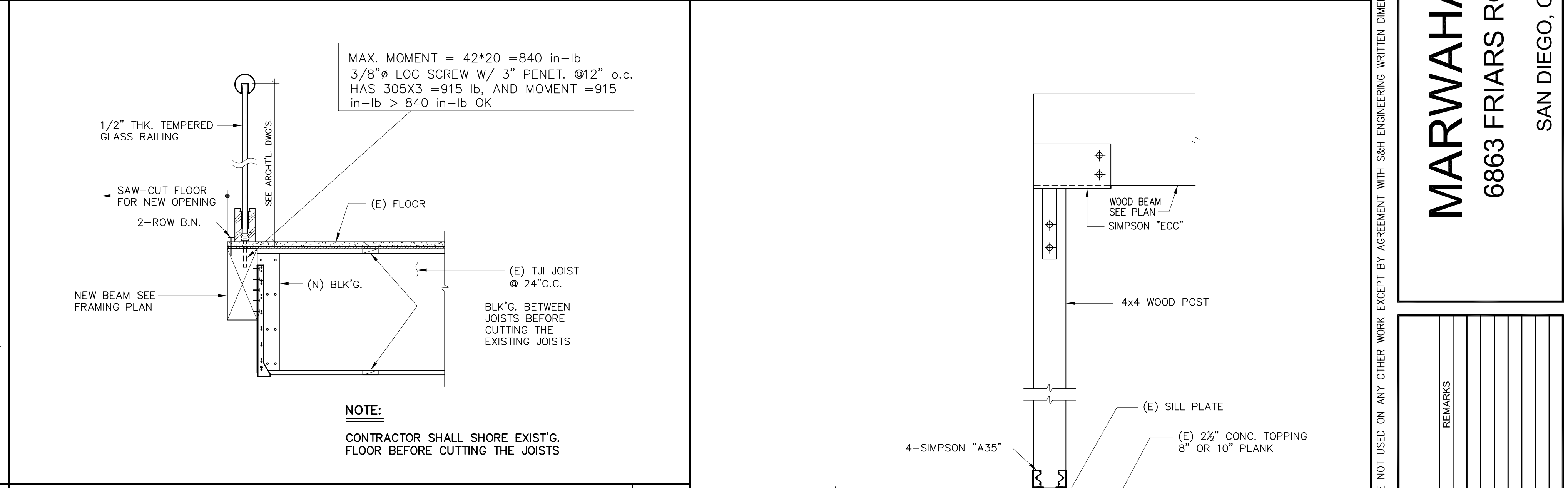
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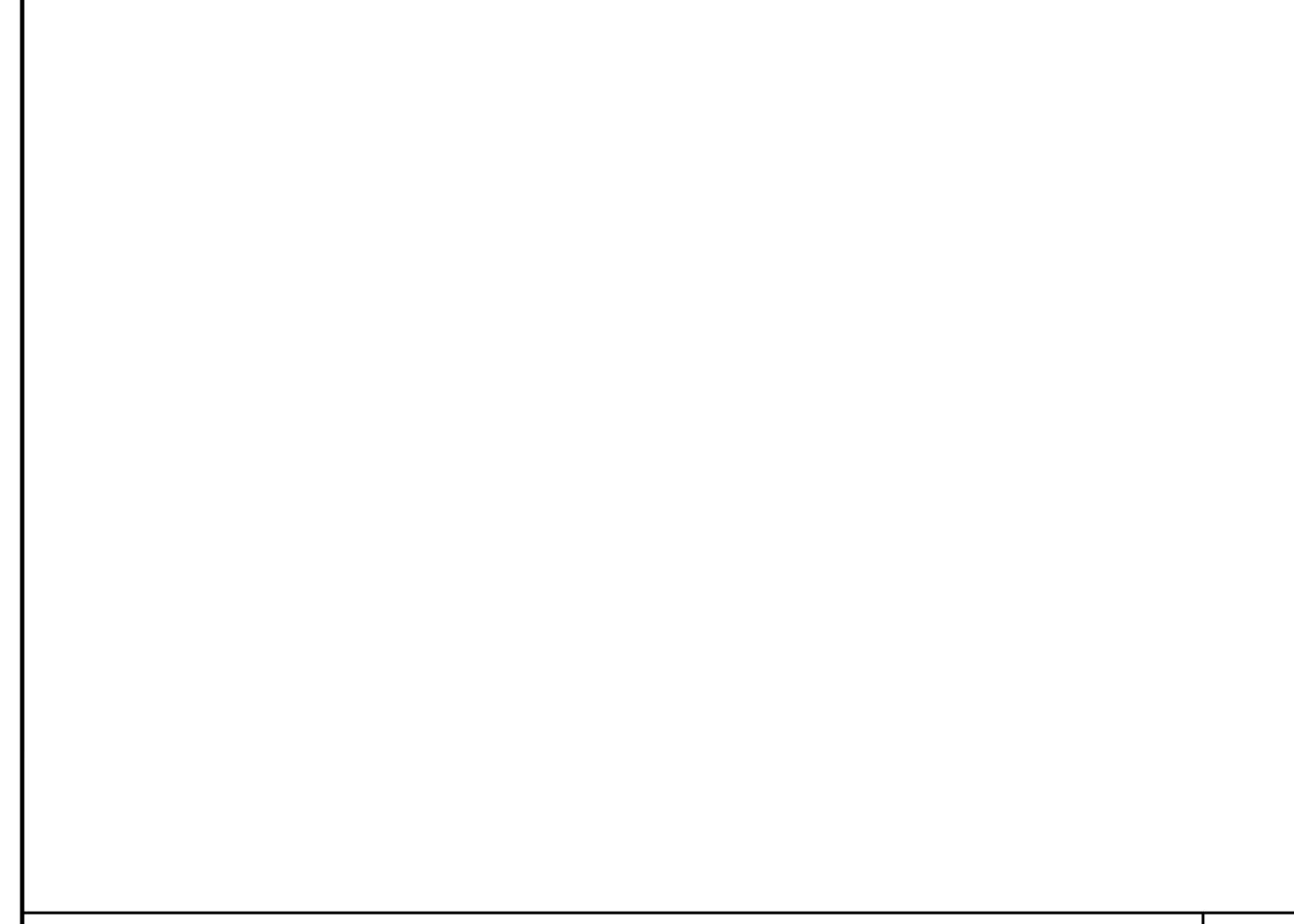
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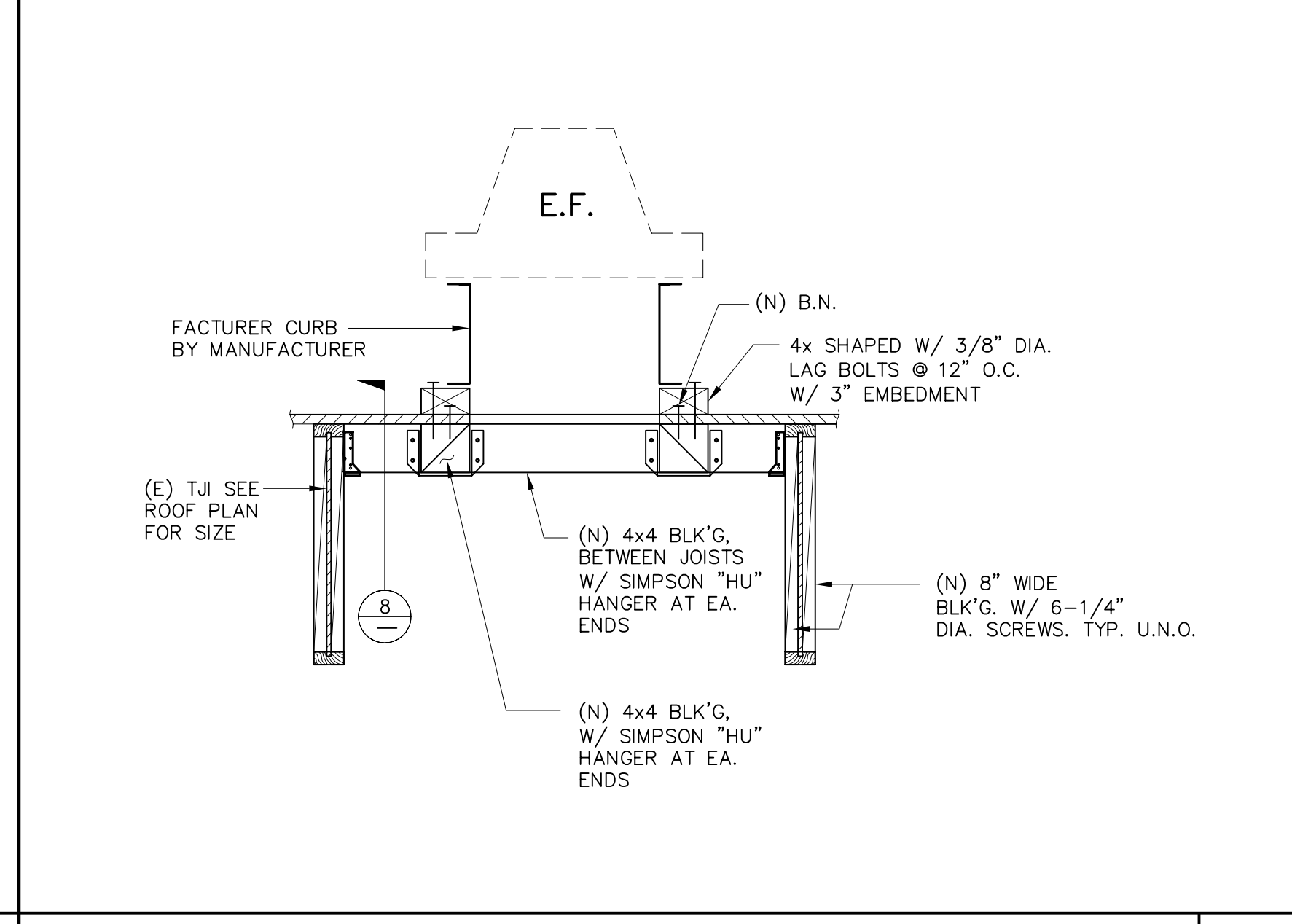
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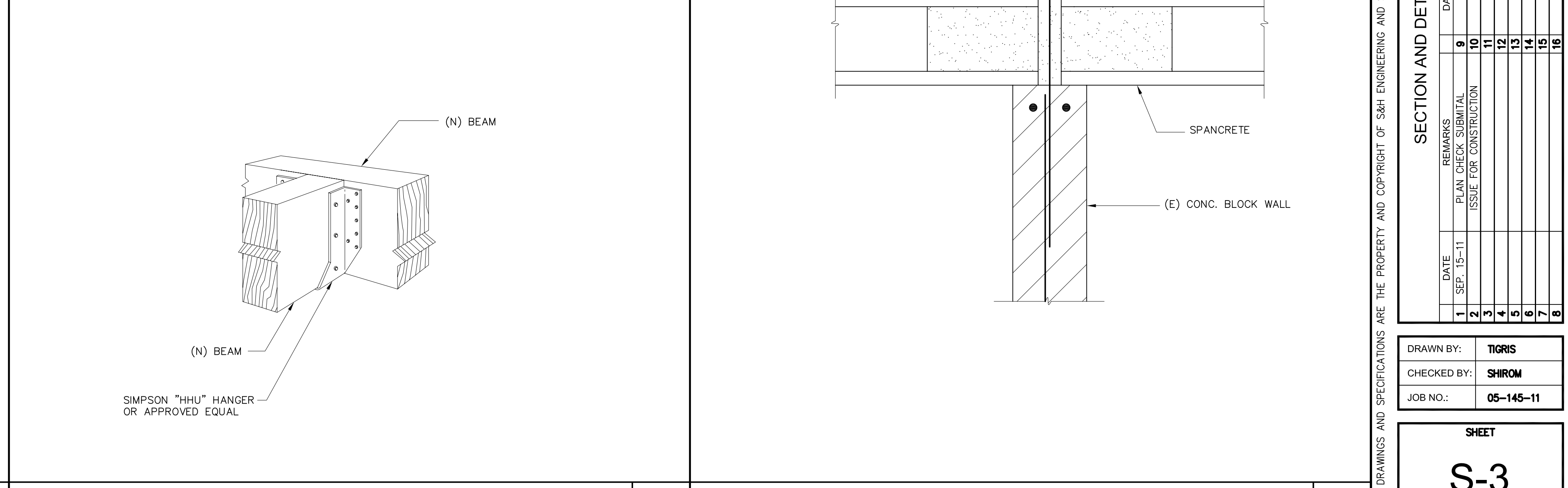
DETAIL 2



DETAIL 7



BEAM TO BEAM CONNECTION 3



DETAIL 1

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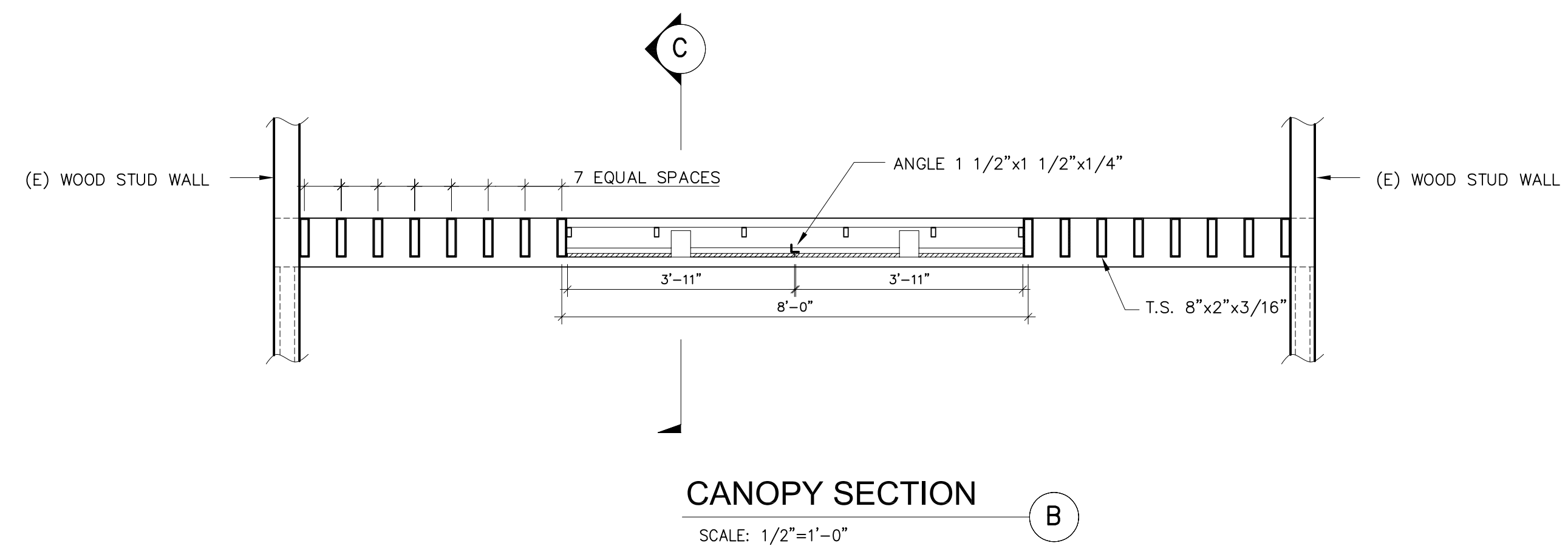
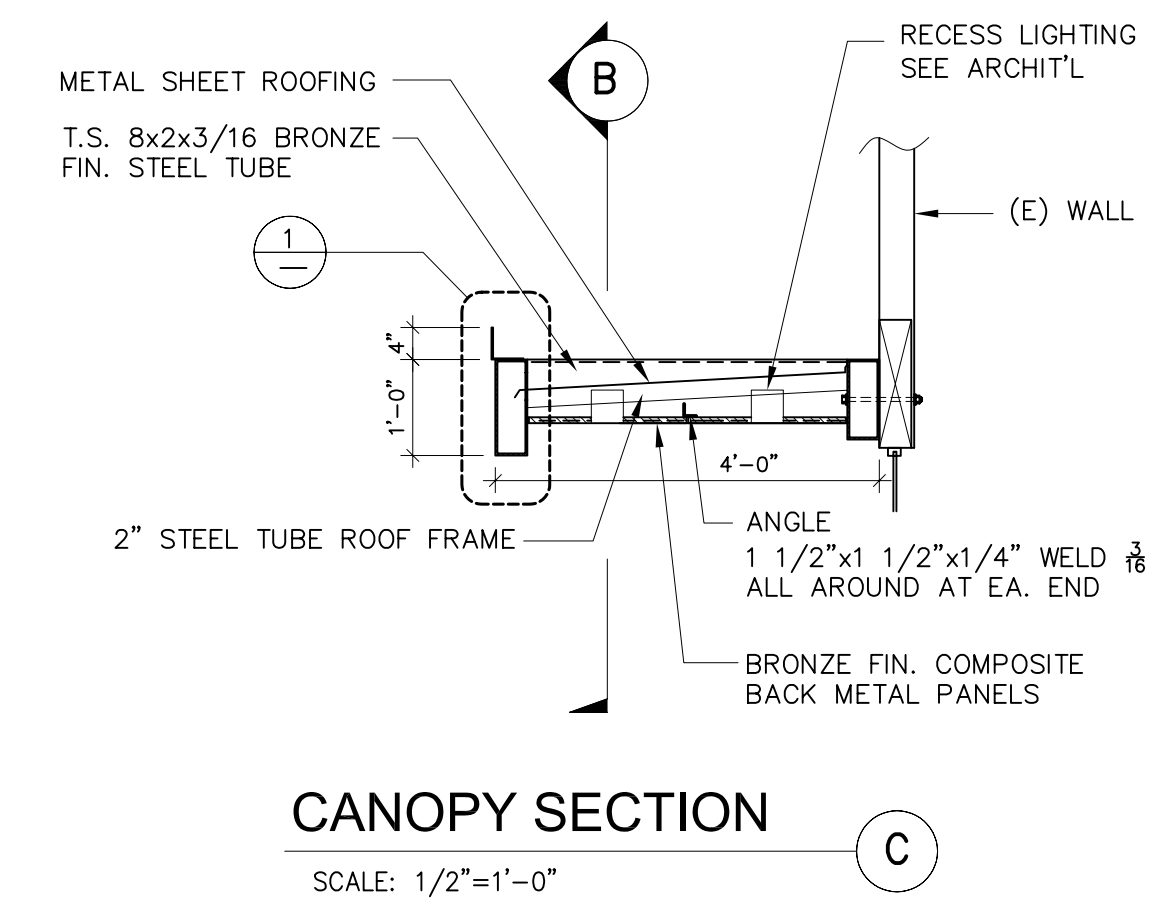
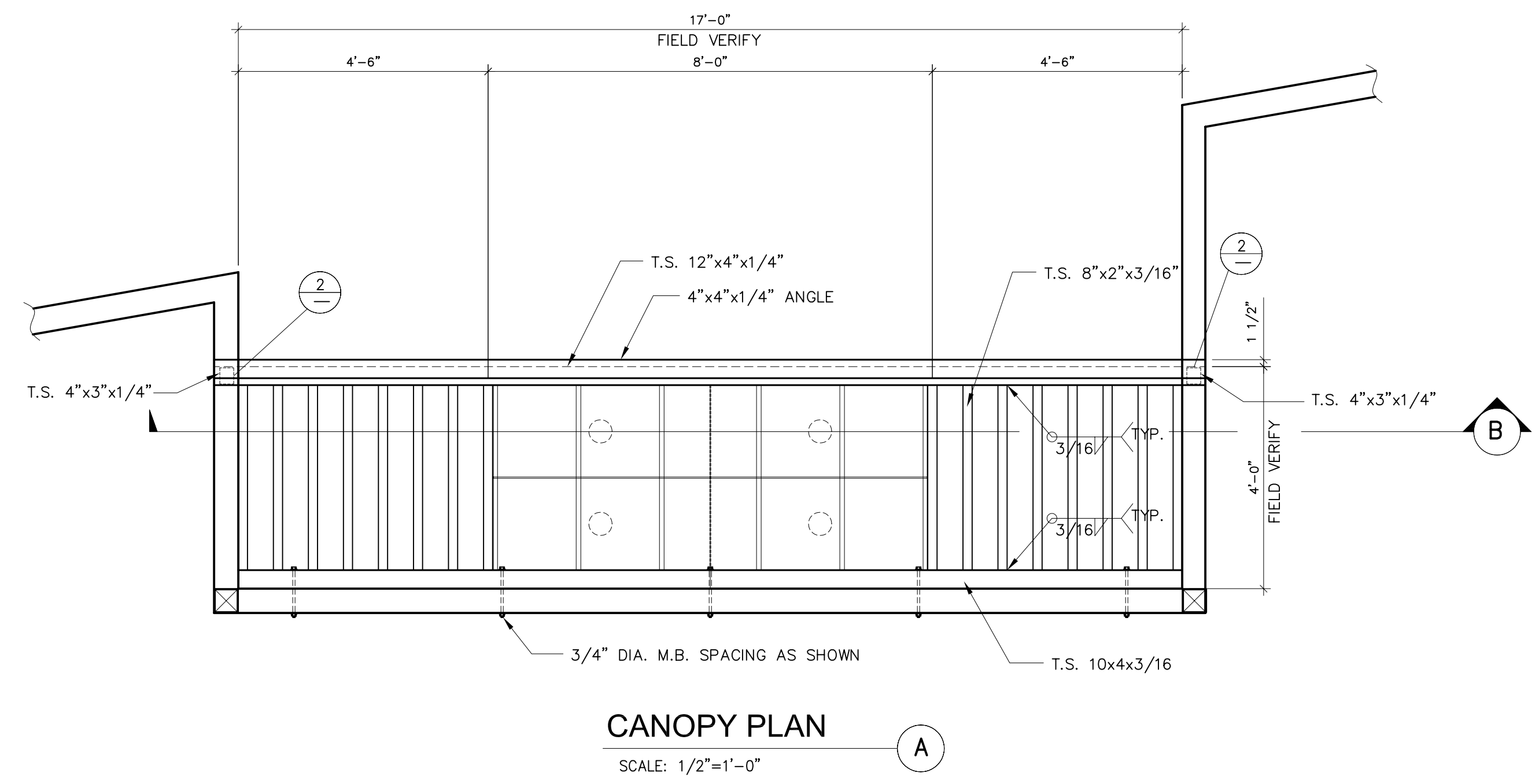
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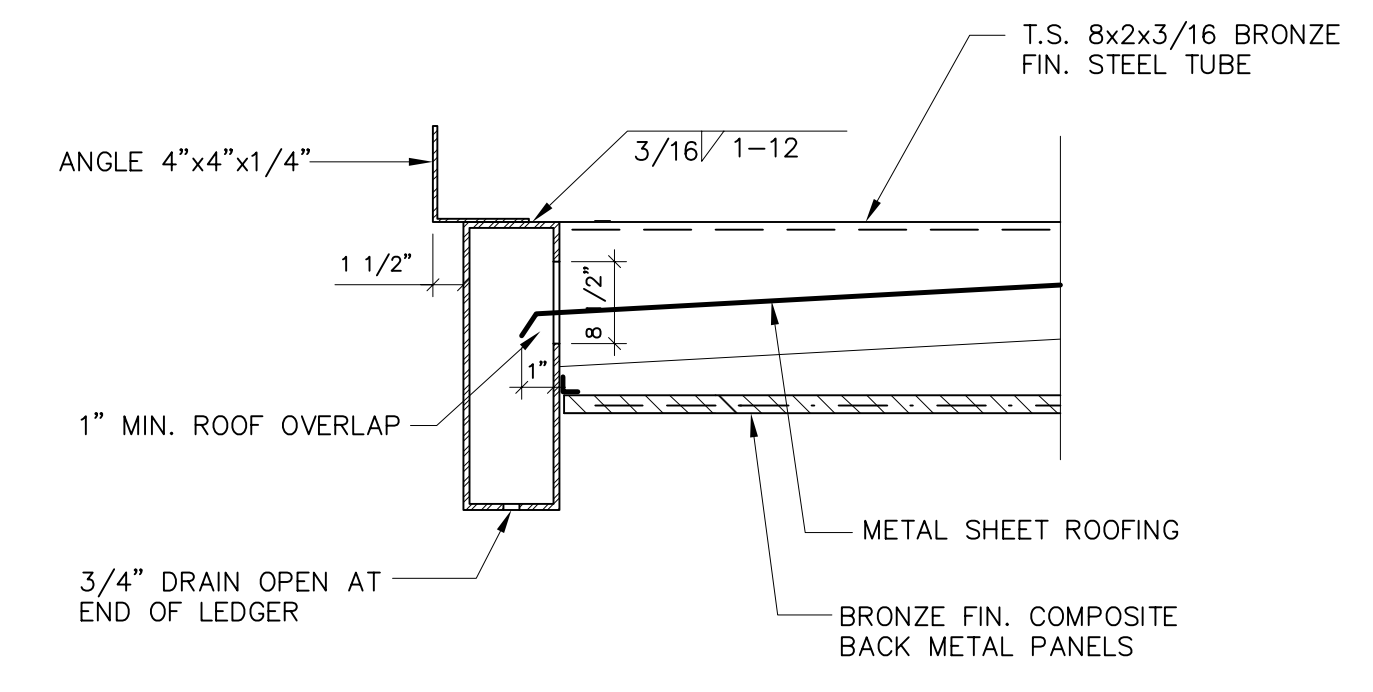
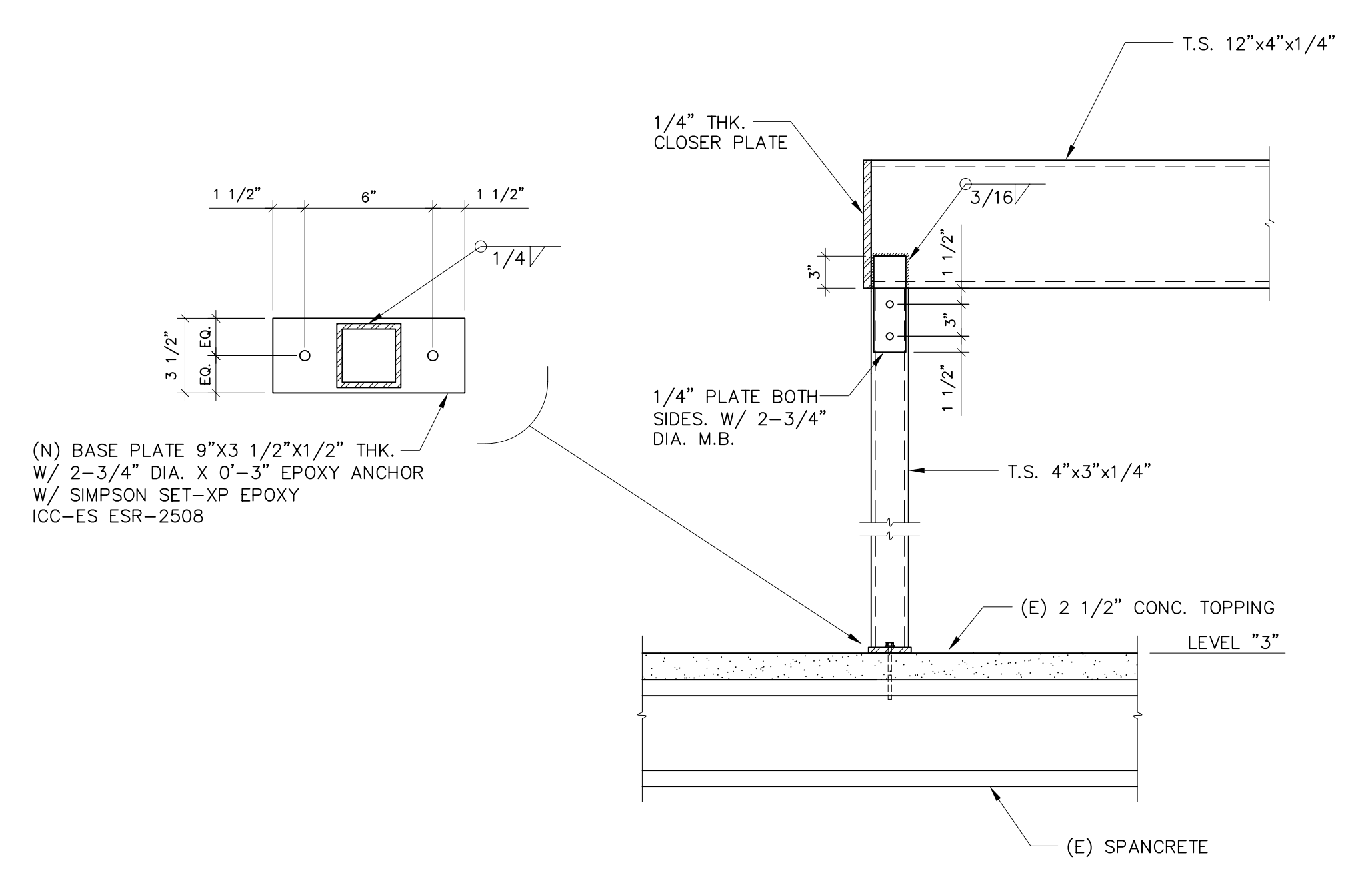
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S-3



CANOPY FRAMING PLAN AND SECTIONS



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DATE	REVISIONS	DATE	REVISIONS
1	SEP-15-11	9	
2	PLAN CHECK SUBMITTAL	10	
3	ISSUE FOR CONSTRUCTION	11	
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