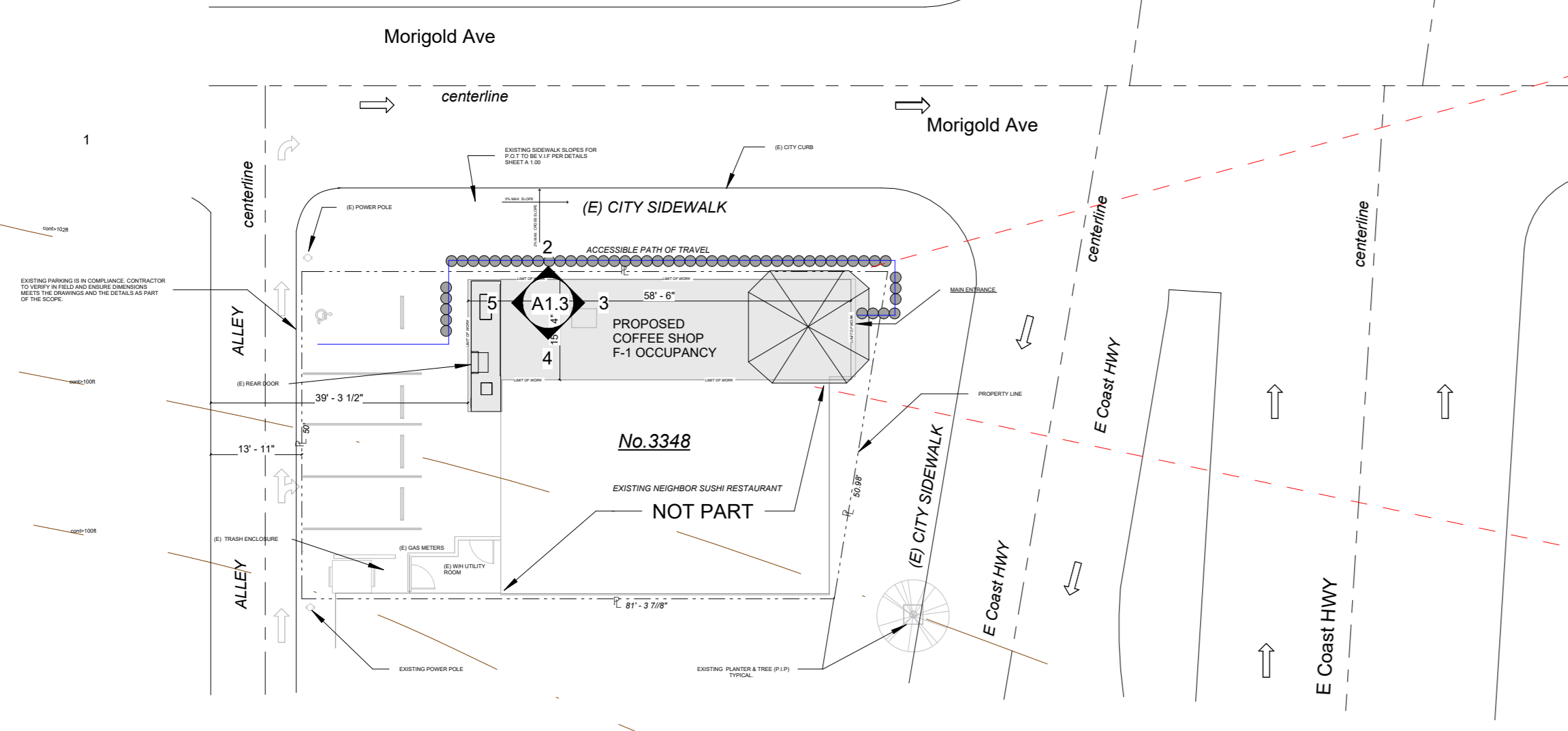


- EXISTING BUILDING(S) REMODEL WORK
- EXISTING BUILDING(S) NO WORK
- PROPERTY LINE
- EXISTING BARRIER FREE PATH OF TRAVEL
- ACCESSIBLE FEATURE CALLOUT

**TITLE 24 STATEMENT**  
 THE PATH OF TRAVEL LEADING TO THE REMODELED AREA FULLY COMPLIES WITH ALL TITLE 24 ACCESSIBILITY REQUIREMENTS. PATH OF TRAVEL BEGINS FROM THE PUBLIC WAY / ACCESSIBLE PARKING AREA TO THE ENTRY OF THE ESTABLISHMENT AND TO THE PUBLIC RESTROOM. SEE PROPOSED FLOOR PLAN A1.1 FOR PATH OF TRAVEL INSIDE THE ESTABLISHMENT.  
 STATED BY: B.H.  
 DATE: 01/15/2023



**SITE PLAN**

**SITE PLAN NOTES**

- THE P.O.T IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS PER CBC 11-B-202.4 ALL UNCERTIFIED (E) P.O.T. IN THE PROJECT SCOPE SHALL NOT EXCEED 5% MAXIMUM RUNNING SLOPE AND 2% MAXIMUM CROSS SLOPE UNLESS OTHERWISE NOTED.  
 SLOPE SHALL NOT EXCEED 2% IN ALL DIRECTIONS WHERE P.O.T. TRAFFIC FLOW IS MULTIDIRECTIONAL. AT CHANGE OF DIRECTIONS, OR IN ANY ACCESSIBLE SPACE OR AREA WITH SLOPES TO DRAINS OR CATCH BASINS, ETC. CONTRACTOR IS TO VERIFY P.O.T. SHOWN IS IN COMPLIANCE.
- MAXIMUM SLOPE ON NON-RAMPED CONCRETE IS 5% IN THE DIRECTION OF TRAVEL AND 2% CROSS-SLOPE.
- DURING CONSTRUCTION ALL NEW WORK IN THIS PROJECT'S SCOPE SHALL NOT REPRESENT ANY NONCONFORMING CODE COMPLIANT AT ANY TIME, SUCH AS BUT NOT LIMITED TO, MAINTAINING BLOCKING BARRIER FREE ACCESS ROUTES. MAINTAIN ACCESS ROUTES WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE.
- SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH, OR ANY OTHER ITEMS ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES. THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT UTILIZING A CONSTRUCTION CHANGE DOCUMENT.

**DEFERRED SUBMITTALS**

EXTERIOR TENANT SIGNAGE TO BE REVIEWED AND APPROVED UNDER SEPARATE PERMIT IF APPLICABLE.

**BUILDING CODE DATA LEGEND**

APN : 459-202-21  
 OCCUPANT LOAD: (SEE SHEET G1.0 AREA PLAN & CODE ANALYSIS)  
 NO. OF STORIES: 1 (ONE).  
 SQUARE FOOTAGE GROSS: 820 FT<sup>2</sup>  
 OCCUPANCY : MIXED OCCUPANCY A-2 & B  
 TYPE OF CONSTRUCTION : VB  
 HIGH-RISE: NO  
 FIRE ALARM: YES  
 SPRINKLER TYPE: NOT SPRINKLER

**DESIGN & ENGINEERING**

ACC & ENGINEERING  
 PHONE: 951.903.2284  
 W: www.accandengineering.com  
 BEN HAMED, ASSOC.AIA  
 PRINCIPAL LEAD  
 E: BEN@ACCANDENGINEERING.COM  
 MOSTAFA BAYOUMI, P.E  
 CIVIL ENGINEER  
 E: MOSTAFAPE@ACCANDENGINEERING.COM  
 MAGDY REZK, P.E.  
 MECHANICAL ENGINEER  
 E: MAGDY@ACCANDENGINEERING.COM

**OWNER**

**YAHYA SHANNAK**  
 DEL MAR ROASTERS  
 Phone: 949-674-8215  
 ADDRESS: 3348 E Coast Hwy, Newport Beach, CA 92625  
 OWNER NAME : YAHYA SHANNAK  
 PARCEL SIZE : 0.1 ACRES

**APPLICABLE CODES**

- 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24, OCC
- 2022 CALIFORNIA BUILDING STANDARDS CODE, TITLE 24, C.C.R. (2021 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (C.E.C.), 2001, TITLE 24, C.C.R. (2021 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION AGENCY, NFPA)
- 2022 CALIFORNIA MECHANICAL CODE (C.M.C.), TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)
- 2022 CALIFORNIA PLUMBING CODE (C.P.C.), TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)
- 2022 CALIFORNIA ENERGY CODE (C.E.C.), TITLE 24, C.C.R.
- 2022 CALIFORNIA FIRE CODE (C.F.C.), TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE OF THE INT'L CODE COUNCIL)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, TITLE 24, C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24, C.C.R.

**CONTRACTOR**

HORIZONS CONSTRUCTION COMPANY INTL.  
 HATEM IBRAHIM  
 E: HATEM@HORIZONSCCI.COM  
 PHONE: 714.635.0000

3348 E Coast Hwy, Newport Beach, CA 92625  
**DEL MAR ROASTERS**  
**TENANT IMPROVEMENTS UPGRADES**  
 PLAN CHECK#PC2022-2340

**PROJECT'S SCOPE**

TENANT IMPROVEMENT COFFEE SHOP WITH TAKE OUT COFFEE. NEW SINGLE ACCOMMODATING RESTROOMS, DINING AREA WITH FIXED AND MOVABLE SEATING AND SERVICE COUNTER AREA.

**RELATED SUBMITTALS**

Minor Use Permit No. UP2022-009 (PA2022-086)  
 3348 East Coast Highway  
 Del Mar Roasters Minor Use Permit

SEE NEXT SHEET FOR MUP DETAILS.

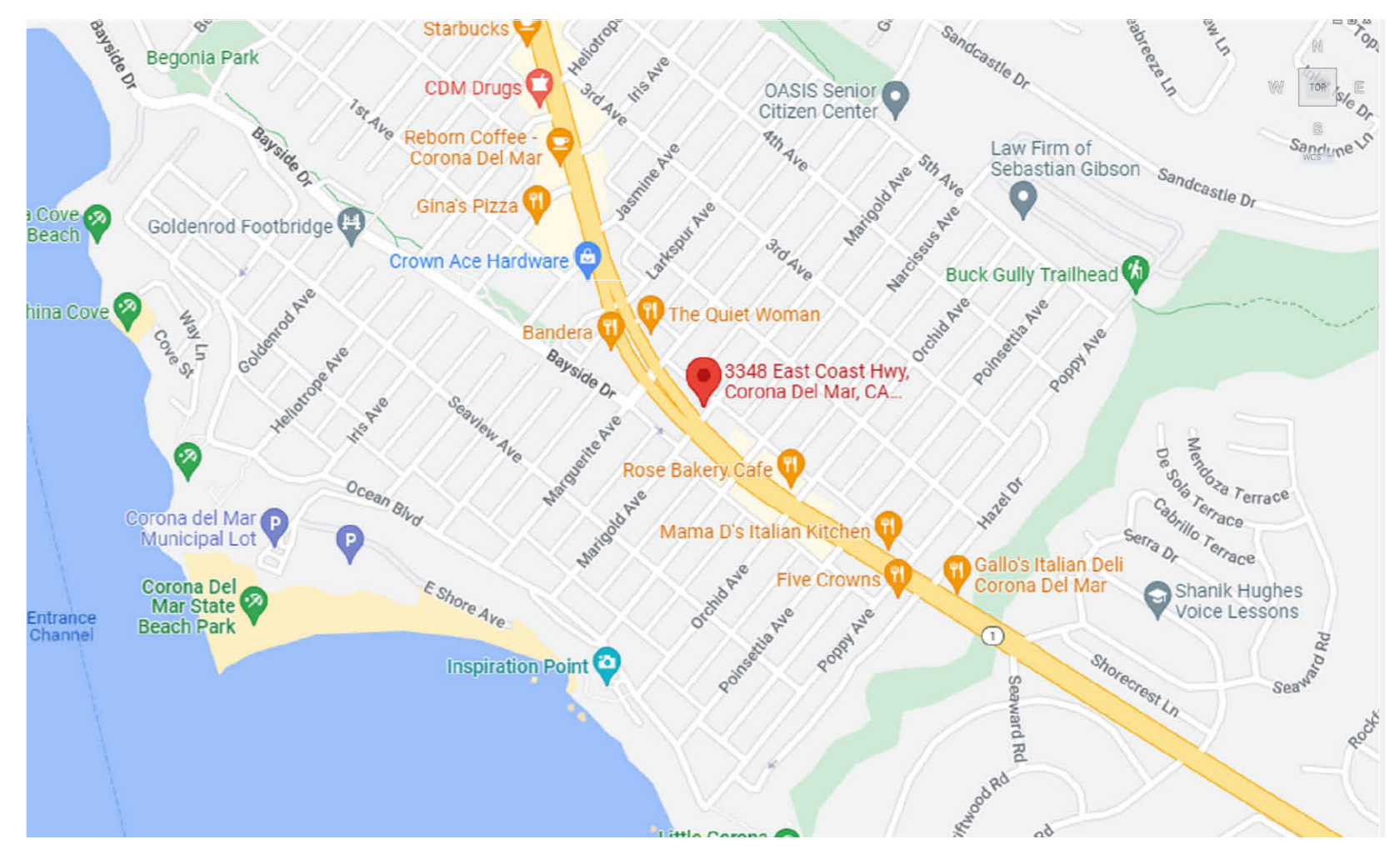
**SHEET INDEX**

ARCHITECTURAL	SHEET NAME	SHEET NUMBER	
14 SHEETS	COVER PAGE - SHEET INDEX	G00	
	COVER PAGE ( CONTINUED)	G00.1	
	AREA PLAN & CODE ANALYSIS	G1.0	
	ACCESSIBLE NOTES - SYMBOLS & ABBREVIATIONS.	G2.0	
	ADA ACCESSIBILITY DETAILS	G2.1	
	ADA ACCESSIBILITY DETAILS	G2.2	
	EXISTING & DEMOLITION FLOOR PLAN	A1.0	
	PROPOSED FLOOR PLAN	A1.1	
	PROPOSED EQUIPMENT PLAN	A1.2	
	ENLARGED UNISEX BATHROOM	A1.3	
	REFLECTED CEILING PLAN	A2.0	
	INTERIOR ELEVATIONS	A3.0	
	ARCHITECTURAL DETAILS	A4.0	
	ARCHITECTURAL DETAILS	A5.0	
ELECTRICAL	5 SHEETS	ELECTRICAL SPECIFICATION	E-00
	SINGLE LINE DIAGRAM & SCHEDULES	E-01	
	LIGHTING PLAN	E-100	
	POWER PLAN	E-200	
	TITLE 24 ELECTRICAL	E-201	
MECHANICAL	5 SHEETS	MECHANICAL NOTES	M000
	MECHANICAL SCHEDULES	M001	
	MECHANICAL PLAN	M100	
	MECHANICAL DETAILS	M200	
	MECHANICAL TITLE 24	M-201	
PLUMBING	5 SHEETS	PLUMBING SCHEDULE AND NOTES	P000
	PLUMBING SCHEDULES AND NOTES 2	P-001	
	PLUMBING WATER & GAS PLAN	P-100	
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	PLUMBING DETAILS	P-300	
TITLE 24 PLUMBING	P-301		
TITLE 24 CERTS OF INSTALLATION	P-302		
TOTAL SHEETS: 31			

**GENERAL NOTES**

- FOR PROJECT'S SPECIFIC NOTES SEE SHEET G1.0 FOR MORE SYMBOLS & ABBREVIATIONS SEE SHEET G2.0
- LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN DEMOLITION, CUTTING & REMOVING OF ANY ITEMS TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE DESIGNER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGNER SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THIS WORK.
- THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF ACC & ENGINEERING, AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF ACC & ENGINEERING.
- THE WORK SHOWN ON THESE DRAWINGS AS EXISTING CONDITIONS WAS PREPARED FROM AS-BUILT DRAWINGS FURNISHED BY THE OWNER. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ACC & ENGINEERING IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF ANY WORK SHOWN AS EXISTING NOR IS ACC & ENGINEERING RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.  
 CONTRACTOR SHALL POSSESS AT THE TIME OF PERMIT ISSUANCE A CLASS B OR THE APPROPRIATE CLASS C CONTRACTOR'S LICENSE  
 PURSUANT TO PUBLIC CONTRACT CODE SECTION 3300 AND BUSINESS AND PROFESSIONS CODE SECTION 7028.15. THE SUCCESSFUL BIDDER MUST MAINTAIN THE LICENSE THROUGHOUT THE DURATION OF THIS CONTRACT.
- FIRE SAFETY DURING CONSTRUCTION.  
 A. GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CALIFORNIA FIRE CODE (CFC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9, CHAPTER 5 AND CHAPTER 33.  
 B. ACCESS ROADS: FIRE DEPARTMENT ACCESS ROADS SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 5, SECTION 501.4 AND CHAPTER 33, SECTION 3310.  
 C. WATER SUPPLY: WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL IN ACCORDANCE WITH CHAPTER 5, SECTION 501.4 AND CHAPTER 33, SECTION 3312.  
 D. BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIREFIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS OR FIRE APPLIANCES.  
 E. ALTERATIONS OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 33. NO ALTERATIONS ARE PART OF THIS PROJECT'S SCOPE OF WORK  
 F. DEMOLITION OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 33.  
 G. FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS IN ACCORDANCE WITH CHAPTER 33, SECTION 3304.5. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL.  
 H. PENETRATIONS TO FIRE RATED MATERIALS OR ASSEMBLIES SHALL BE RESTORED TO EQUAL RATING. FIRE STOP SYSTEMS AS LISTED BY UNDERWRITERS LABORATORIES SHALL BE INSTALLED PER FIRE RESISTANCE DIRECTORY. FIRE STOP SYSTEMS SHALL BE AS SPECIFIED.  
 I. NONRESIDENTIAL ENERGY STANDARDS COMPLIANCE STATEMENT (TITLE 24, PART 6).  
 THE DESIGN INDICATED HEREIN COMPLIES WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROPOSED BUILDING(S) WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED IT (THEY) IS (ARE) BUILT ACCORDING TO THESE DRAWINGS AND SPECIFICATIONS AND PROVIDED ANY FUTURE IMPROVEMENTS ARE COMPLETED ACCORDING TO THE REQUIREMENTS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED TO INCLUDE ALL SIGNIFICANT ENERGY CONSERVATION FEATURES REQUIRED FOR COMPLIANCE WITH THE STANDARDS. BUILDING AREAS THAT ARE UNCONDITIONED AND/OR NOT SUBJECT TO THE STANDARDS ARE INDICATED ON THE PLANS.  
 J. ENVELOPE MANDATORY MEASURES:  
 A. INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.  
 B. ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF TITLE 24, PART 2, CALIFORNIA CODE OF REGULATIONS, SECTIONS 720 AND 2603.

**PROJECT VICINITY MAP**



Ben Hamed, ASSOC.AIA  
 Project Designer  
 ACC & ENGINEERING  
 768 N Ethan way, Anaheim  
 CA 92805  
 Phone No.: 951-903-228  
 Ben@accandengineering.com  
 www.accandengineering.com

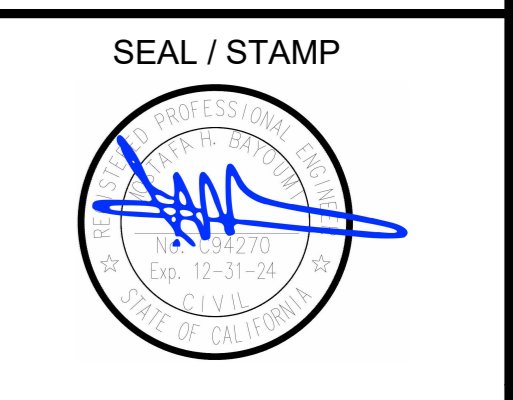
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HORIZONS CONSTRUCTION  
 432 w Meats Avenue Orange, CA  
 92865  
 LIC#825022

PROJECT NAME	LOCATION	OWNER
DEL MAR ROASTER EPS	3348 E COAST HWY CORONA DEL MAR CA 92652	YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)	
BUILDING DIVISION   CITY OF NEWPORT BEACH	REVISIONS HISTORY
PLAN CHECK#PC2022-2340	1ST REVIEW SUBMITTED BY OTHERS 9/21/2022
	2ND REVIEW SUBMITTED BY OTHERS 10/20/2022
	3RD REVIEW BY ACC & ENGINEERING 03/10/2023



SHEET NAME  
 COVER PAGE - SHEET INDEX  
 SHEET NUMBER  
 G00



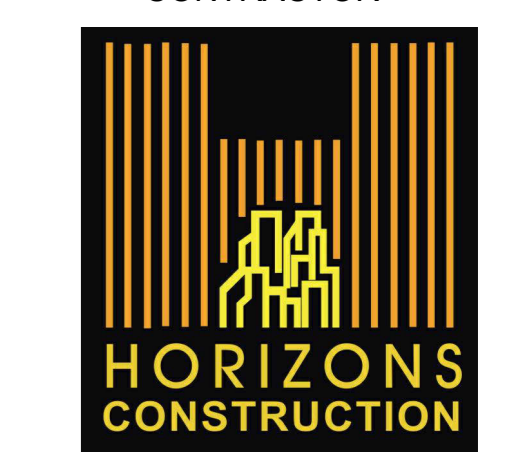


Design | Engineering | Construction

Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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CONTRACTOR



HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA  
92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA 92662  
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY  
PLAN CHECK#PC2022-2340

Table with 2 columns: REVISIONS HISTORY, PLAN CHECK#PC2022-2340. Includes 1st, 2nd, and 3rd review dates.

SEAL / STAMP



SHEET NAME  
AREA PLAN & CODE ANALYSIS

SHEET NUMBER  
G1.0

BUILDING DATA

Table with columns: STORY, SPACE NAME, OCCUPANCY GROUP, FUNCTION OF SPACE, DESIGNED AREA (GROSS), AREA PER STORY. Includes rows for Customer Waiting/Seating, Service Area, Kitchen Area, Restroom, Hallway/Circulation, and summary rows for Sprinkler Type and Fire Separation.

OCCUPANCY & EGRESS ANALYSIS

Table with columns: SPACE NAME, OCCUPANCY GROUP, DESIGNED AREA (GROSS), DESIGNED AREA (NET), OLF, OCCUPANT LOAD. Lists spaces like Customer Waiting/Seating, Service Area, Kitchen Area, Restroom, Hallway/Circulation.

TOTAL OCCUPANTY LOAD 20

MIN. EXITS PER SPACE  
FOR OCCUPANCY LOAD LESS THAN 49, ONE EXIT IS ALLOWED.

Table with columns: SPACE NAME, OCCUPANCY GROUP, CUM. OCCUPANT LOAD OF SPACE, MAX SINGLE EXIT CUMULATIVE LOAD OF SPACE, MIN. REQUIRED NUMBER OF EXITS, MAX. COMMON PATH OF EGRESS ALLOWED FOR SINGLE EXIT.

SINGLE OCCUPANCY CATEGORY B, NON-SPRINKLERED  
SPACES ARE ALLOWED TO HAVE ONLY A SINGLE EXIT IF THEY HAVE LESS THAN A PRESCRIBED AMOUNT OF OCCUPANTS, DEPENDING ON THE OCCUPANCY GROUP. ALSO, THE COMMON PATH OF EGRESS TRAVEL MUST BE LESS THAN THAT ALLOWED BY TABLE 1006.2.1. HOWEVER, DEAD END CORRIDORS THEMSELVES ARE NOT LIMITED WHEN ONLY ONE EXIT IS REQUIRED.

ELEVATION CHANGE AT EGRESS PATHWAY AND AT PATH OF TRAVEL ANALYSIS

WHERE CHANGES IN ELEVATION OF LESS THAN 12 INCHES EXIST IN THE MEANS OF EGRESS, SLOPED SURFACES SHALL BE USED. WHERE THE SLOPE IS GREATER THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL (5-PERCENT SLOPE), RAMPS COMPLYING WITH SECTION 1012 SHALL BE USED. WHERE THE DIFFERENCE IN ELEVATION IS 6 INCHES OR LESS, THE RAMP SHALL BE EQUIPPED WITH EITHER HANDRAILS OR FLOOR FINISH MATERIALS THAT CONTRAST WITH ADJACENT FLOOR FINISH MATERIALS.

EXCEPTIONS:  
EXCEPTION 1-A STAIR WITH A SINGLE RISER OR WITH TWO RISERS AND A TREAD IS PERMITTED AT LOCATIONS NOT REQUIRED TO BE ACCESSIBLE BY CHAPTER 11A OR 11B WHERE THE RISERS AND TREADS COMPLY WITH SECTION 1011.5, THE MINIMUM DEPTH OF THE TREAD IS 13 INCHES AND NOT LESS THAN ONE HANDRAIL COMPLYING WITH SECTION 1014 IS PROVIDED WITHIN 30 INCHES OF THE CENTERLINE OF THE NORMAL PATH OF EGRESS TRAVEL ON THE STAIR. A STEP IS PERMITTED IN AISLES SERVING SEATING THAT HAS A DIFFERENCE IN ELEVATION LESS THAN 12 INCHES AT LOCATIONS NOT REQUIRED TO BE ACCESSIBLE BY CHAPTER 11A OR 11B, PROVIDED THAT THE RISERS AND TREADS COMPLY WITH SECTION 1030.14 AND THE AISLE IS PROVIDED WITH A HANDRAIL COMPLYING WITH SECTION 1030.16.  
EXCEPTION 2-WHEREVER THERE IS AN OPEN-SIDED WALKING AREA THAT IS MORE THAN 30" NO RISE IN THIS PROJECT IS ABOVE 30" ABOVE THE FLOOR LEVEL (OUT TO 36" WHERE THE GROUND MAY SLOPE OR BE UNEVEN), THE WALKWAY REQUIRES A GUARD RAIL TO BE IN PLACE. THERE ARE CERTAIN SPACES WHERE A GUARD REQUIREMENT WOULD NOT BE PRACTICAL OR POSSIBLE, THESE AREAS ARE EXEMPT FROM THIS REQUIREMENT AND INCLUDE STAGES AND PERFORMING AREAS, TRUCK LOADING DOCKS, AND VEHICLE SERVICING PITS. ASSEMBLY SEATING AREAS DO NOT NEED TO COMPLY WITH THIS SECTION, BUT RATHER, MUST COMPLY WITH THE GUARD REQUIREMENTS OF SECTION 1029.17.2. GLASS AND GLAZING MATERIALS ARE PERMITTED FOR USE AS A GUARD, HOWEVER THEY MUST MEET THE PERFORMANCE AND STRENGTH REQUIREMENTS OF SECTIONS 2407 AND 1607.8 OF THE BUILDING CODE. WHERE THE GLAZING DOES NOT MEET THESE STRENGTH AND RESISTANCE REQUIREMENTS, GUARDS ARE REQUIRED TO BE INSTALLED ALONG WITH OF THE GLAZING

RAMPS & STAIRS

MIN. CORRIDOR WIDTH IS USED TO CALCULATE MIN. RAMP WIDTH PER 1012.5.1 "THE MINIMUM WIDTH AND REQUIRED CAPACITY OF A MEANS OF EGRESS RAMP SHALL BE NOT LESS THAN THAT REQUIRED FOR CORRIDORS BY SECTION 1020.3. THE CLEAR WIDTH OF A RAMP BETWEEN HANDRAILS, IF PROVIDED, OR OTHER PERMISSIBLE PROJECTIONS SHALL BE 36 INCHES MINIMUM.

Table with columns: STORY, CORRIDOR, OCCUPANCIES SERVED, TABLE 1020.3 MINIMUM CORRIDOR WIDTH. Row 1: RAMP TO RESTROOM, CUM. OCCUPANT LOAD, 44"

SESECTION 1030 FOR AISLES AND AISLE ACCESSWAYS IN ROOMS OR SPACES USED FOR ASSEMBLY PURPOSES. USE 24" FOR ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING OR ELECTRICAL SYSTEMS OR EQUIPMENT. FULLY OPENED DOORS SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7 INCHES, AND IN NO POSITION MAY REDUCE THE REQUIRED WIDTH BY MORE THAN ONE-HALF.

Table with columns: MIN. STAIRWAY WIDTH, MIN. CALCULATED VALUE, MIN. VALUE PER SEC. 1011.2, FINAL MIN. STAIRWAY WIDTH. Row 1: SERVICE TO KITCHEN ONE STEP, 0", 36", 36"

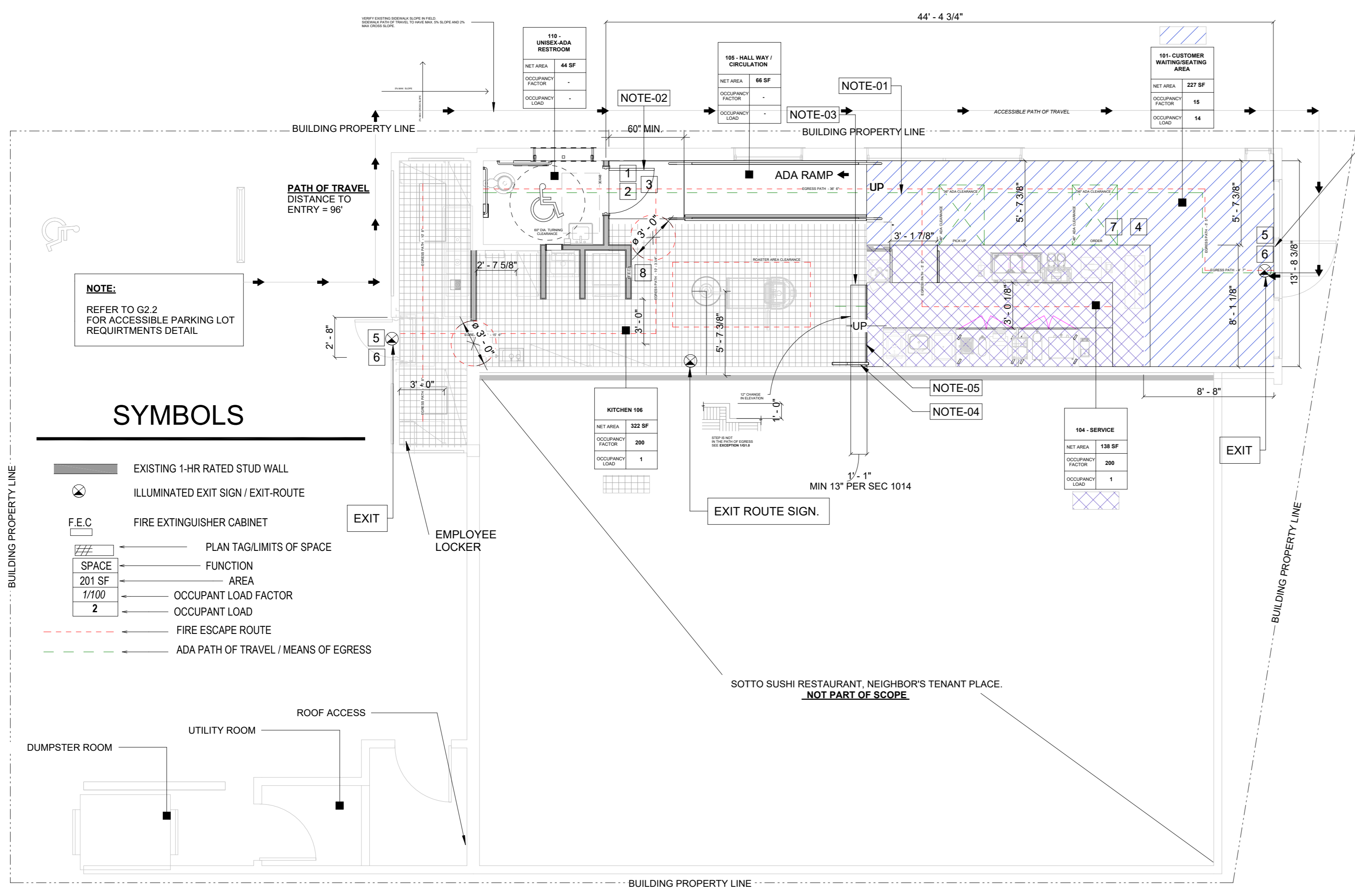
FIRE RATINGS

Table with columns: INTERIOR BUILDING ELEMENT FIRE-RESISTANCE RATING, STORY, INTERIOR BUILDING ELEMENT TYPE, MIN. FIRE RESISTANCE RATINGS (HRS.). Rows include Primary Structural Frame, Interior Bearing Walls, Interior Nonbearing Walls and Partitions, Floor Construction, and Roof Construction.

MIN. FIRE WALL RATINGS

Table with columns: ANY FIRE WALLS PRESENT MUST MEET THE MINIMUM FIRE RESISTANCE, MIN. FIRE WALL RESISTANCE RATING (HRS.), RATINGS BELOW BY OCCUPANCY GROUP, OCCUPANCY GROUP. Rows for A-2 and B.

WHERE A BUILDING IS DIVIDED INTO SEPARATE FIRE AREAS, SO AS TO ELIMINATE THE NEED FOR AN AUTOMATIC FIRE SPRINKLER SYSTEM, THE FIRE WALLS, FIRE BARRIERS, HORIZONTAL ASSEMBLIES, OR THE COMBINATION THEREOF MUST BE CONSTRUCTED IN ACCORDANCE WITH TABLE 707.3.10. IN A MIXED OCCUPANCY THE HIGHER RATING MUST BE USED.



SYMBOLS

- EXISTING 1-HR RATED STUD WALL
ILLUMINATED EXIT SIGN / EXIT-ROUTE
F.E.C. FIRE EXTINGUISHER CABINET
PLAN TAG LIMITS OF SPACE
SPACE 201 SF, AREA, OCCUPANT LOAD FACTOR 1/100, OCCUPANT LOAD 2
FIRE ESCAPE ROUTE
ADA PATH OF TRAVEL / MEANS OF EGRESS

AREA / ANALYSIS LAYOUT PLAN

N.T.S

NOTES LEGEND

- NOTE-01 RAMP SHALL HAVE LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP. POINTS OF TURNING, ENTRANCE, EXITS AND AT DOORS. LANDINGS SHALL COMPLY WITH SECTIONS 1012.6.1 THROUGH 1012.6.5.
NOTE-02 MEANS OF EGRESS RAMPS SHALL NOT REDUCE IN WIDTH IN THE DIRECTION OF EGRESS TRAVEL. PROJECTIONS INTO THE REQUIRED RAMP AND LANDING WIDTH ARE PROHIBITED. DOORS OPENING ONTO A LANDING SHALL NOT REDUCE THE CLEAR WIDTH TO LESS THAN 42 INCHES
NOTE-03 CHANGE IN ELEVATION IS LESS THAN 30" THE MIN. REQUIREMENTS FOR GUARDRAILS - SEE EXCEPTION 2 / G1.0. FOR CONSTRUCTION DETAILS.
NOTE-04 ONE HANDRAIL THAT IS IN COMPLIANCE WITH SECTION 1014 IS PERMITTED NO FURTHER THAN 30 INCHES FROM THE C.L. OF THE STAIRWAY. SEE EXCEPTION 1 NOTE#03 / G1.0. SEE G2.2 FOR CONSTRUCTION DETAILS.
NOTE-05 PROVIDE CONTRASTING COLOR AT STEP FOR SAFETY.

EXIT NOTES

- 1. EACH GRADE-LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT"
2. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
a."EXIT STAIR DOWN"
D. "FIT RAMP DOWN"
C."FIT STAIR UP"
d."FIT RAMP UP"
3. EACH DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE SIGN WITH THE WORDS "EXIT ROUTE".
4. EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "TO EXIT".
5. EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "TO EXIT"
6. EXIT SIGNS SHALL BE VISIBLE FROM ANY DIRECTION OF APPROACH AND EXIT SIGNS SHALL BE LOCATED TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL AND SUCH THAT NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN.
1. EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL POWER SYSTEM (STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON SITE GENERATOR SET OR AN APPROVED SELF LUMINOUS SYSTEM THAT PROVIDES CONTINUOUS ILLUMINATION INDEPENDENT OF THE EXTERNAL POWER SOURCE TO ENSURE THAT THE EXIT SIGNS ARE ILLUMINATED AT ALL TIMES. MINIMUM 90 MIN BATTERY BACKUP REQUIRED CBC 1011.5.3
2. WHEN 2 EXITS ARE REQUIRED, THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. THE MEANS OF EGRESS SHALL BE ILLUMINATED AT ALL TIMES IN ACCORDANCE WITH CBC SECTION 1006.1; 1006.2 AND 1006.3.
3. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE EGRESS SYSTEM. TACTILE SIGN NOTES

ACCESS. LEGEND

- 1 PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY - MOUNT 60" A.F.F. TO CENTERLINE OF SIGN.
2 PROVIDE TACTILE GRADE-2 CONTRACTED BRAILLE WALL SIGN -REFER TO RESTROOM SIGNAGE DETAIL ON SHEET G2.1 FOR ADDITIONAL INFORMATION.
3 PROVIDE ACCESSIBLE RESTROOM DOOR SIGNAGE - REFER TO RESTROOM SIGNAGE DETAIL G2.1 FOR ADDITIONAL INFORMATION.
4 PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY TO FRONT COUNTER STATING "THIS CHECK STAND TO BE OPEN AT ALL TIMES FOR CUSTOMERS WITH DISABILITIES" - DIRECTLY MOUNT UNDER COUNTER TOP IN A CONSPICUOUS PLACE
5 PROVIDE TACTILE GRADE-2 CALIFORNIA CONTRACTED BRAILLE EXIT SIGN WITH THE WORD "EXIT" AT EACH-LEVEL EXTERIOR EXIT DOOR
6 CEILING MOUNTED EXIT LIGHT WITH BATTERY BACKUP / SEE REFLECTED CEILING PLAN FOR EXACT LOCATION.
7 34" H ACCESSIBLE CASHIER COUNTER WITH MIN. 30" x 48" CLEAR FLOOR SPACE FOR PARALLEL APPROACH AT FRONT COUNTER.
8 PROVIDE FIRE EXTINGUISHER CABINET/SEE EQUIPMENT SCHEDULE FOR DETAILS.

ACCESSIBLE DOOR NOTES:

FLOOR OR GROUND SURFACES WITHIN REQUIRED DOOR MANEUVERING CLEARANCES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. SURFACES SHALL BE LEVEL WITH A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED EXCEPT AT THRESHOLDS. OPENING IN FLOOR SHALL NOT ALLOW PASSAGE OF SPHERE MORE THAN 1/2" DIAMETER. (11B-302.2) (11B-404.2.4)

THRESHOLDS AT DOORWAYS:

THRESHOLDS SHALL BE 1/2" HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH SECTION 11B-302 AND 11B-303. (11B-404.2.5)

DOOR OPENING FORCE:

MAXIMUM FORCE TO FOR PUSHING OR PULLING OPEN, EXTERIOR OR INTERIOR HINGED DOORS WITH CLOSERS AND SLIDING OR FOLDING DOORS, SHALL NOT EXCEED FIVE POUNDS. (11B-404.2.9)

DOOR AND GATE SURFACE:

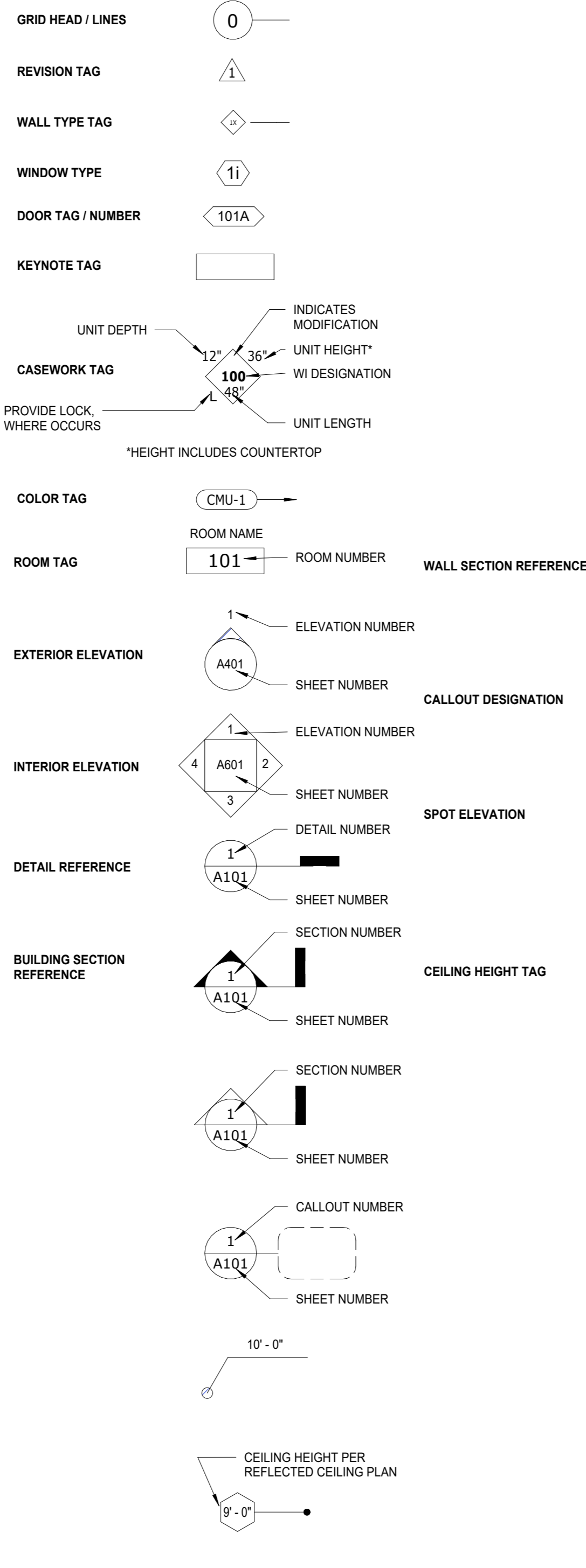
SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16" OF THE SAME PLANE AS THE OTHER. (11B-404.2.6)

NOTE: WALL AND CEILING MATERIAL SHALL NOT EXCEED THE FLAME SPREAD RATING REQUIRED AS PER SEC. 803.5 TENANT SPACES, MAIN ENTRANCES AND EXITS, PATH OF TRAVEL, SANITARY FACILITIES, DRINKING FOUNTAINS AND PUBLIC TELEPHONES SERVING THE TENANT SPACE SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES. CITY INSPECTOR SHALL VERIFY AT FIELD FOR COMPLIANCE PRIOR TO FINAL INSPECTION.

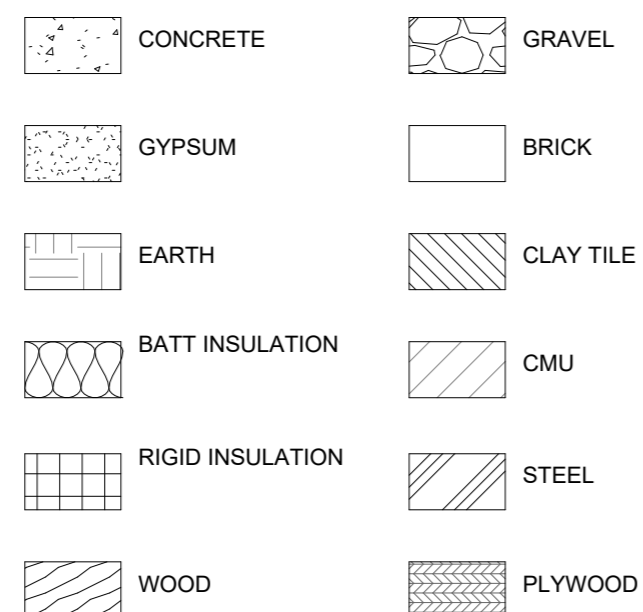
### ABBREVIATIONS

Table of abbreviations including CENTERLINE, ANCHOR BOLT, ASPHALTIC CONCRETE, etc., with corresponding symbols and descriptions.

### TYPICAL SYMBOLS



### MATERIAL LEGEND



### NOTES

#### GENERAL REQUIREMENTS:

- 1. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP...

#### DISABLED ACCESS REQUIREMENTS (DOORS, GATES & HARDWARE):

- 1. EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3'-0" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT...

#### EXITS, STAIRS AND OCCUPANT LOADS:

- 1. EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE (SEC. 1003.3.1.5) OVER A LANDING NOT MORE THAN 1/2" BELOW THE THRESHOLD (SEC. 1003.3.1.6)...

#### HANDRAILS:

- 1014.2 HEIGHT HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSINGS, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES...



Ben Hamed, ASSOC. IAI  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805

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REVISIONS HISTORY  
PLAN CHECK#PC2022-2340

Table with 2 columns: REVIEW DATE, REVIEWED BY. Rows include 1ST REVIEW SUBMITTED BY OTHERS (9/21/2022) and 2ND REVIEW SUBMITTED BY OTHERS (10/20/2022).

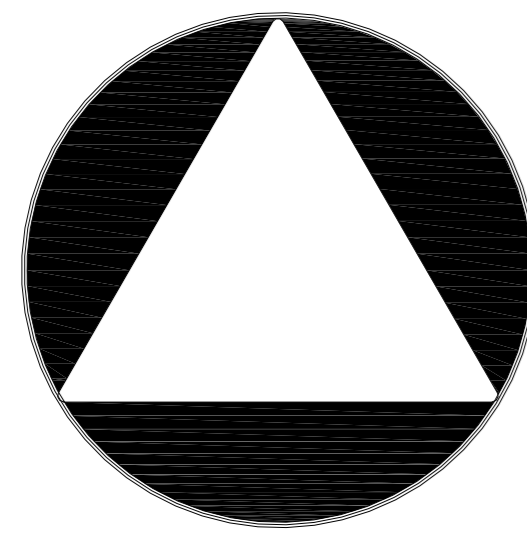
SEAL / STAMP



SHEET NAME  
ACCESSIBLE NOTES - SYMBOLS & ABBREVIATIONS.

SHEET NUMBER  
G2.0

IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES

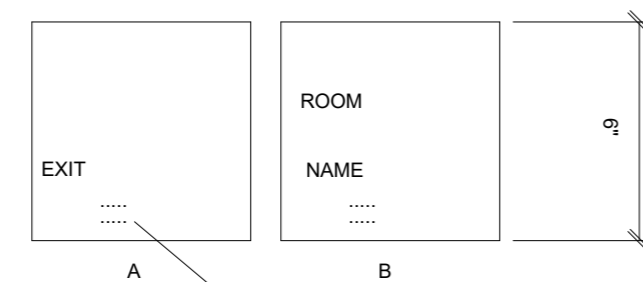


- NOTES:
1. CENTER OF SIGNS SHALL BE MOUNTED AT 5'-0" ABOVE FINISHED FLOOR AT THE CENTERLINE OF THE DOOR.
  2. ALL SIGNS SHALL BE CONSTRUCTED OF 1/4" THICK SOLID PLASTIC (AS RECD BY CODE). UNISEX SIGN SHALL CONSIST OF A 1/4" THICK PLASTIC TRIANGLE MOUNTED ON A 1/4" THICK PLASTIC CIRCLE (AS RECD BY CODE).
  3. ALL GENDER SIGNS ARE RECD BY CBC 11B-216.8 AND MUST COMPLY WITH CBC 11B-703.2.2.3.

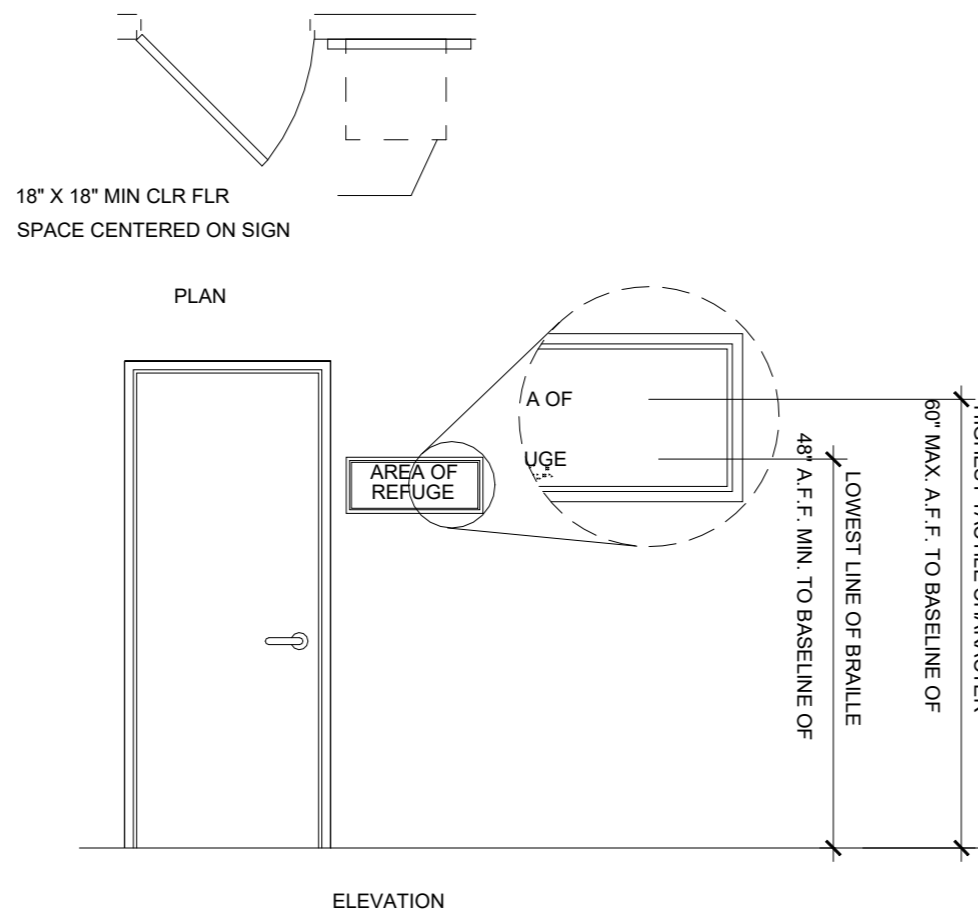
1 ALL GENDER ACCESSIBILITY SIGNAGE N.T.S

ACCESSIBILITY SIGNAGE:  
ANSI APPROVED E.S. PLASTIC, NEMA RATED SELF-EXTINGUISHING ADHESIVE MOUNTED.  
BLUE COLOR NO. EQUAL TO 15090 IN FEDERAL STANDARD 595B

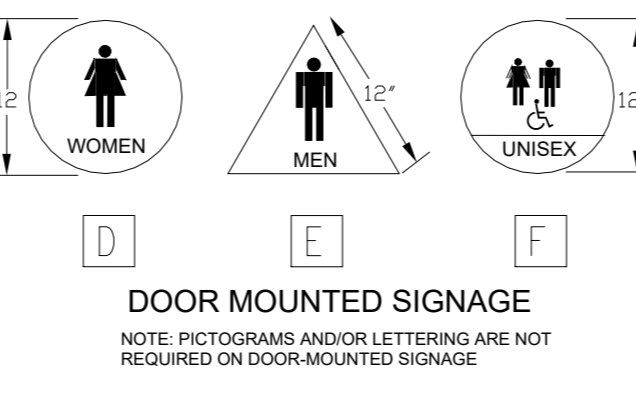
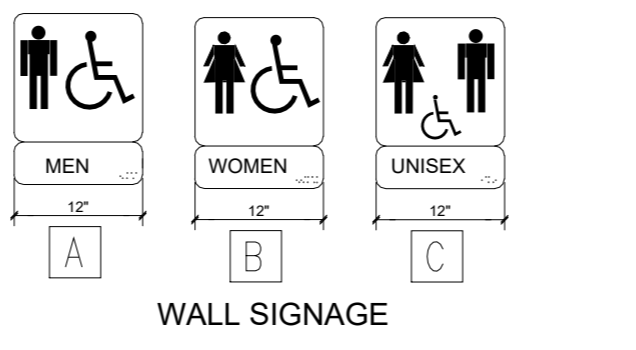
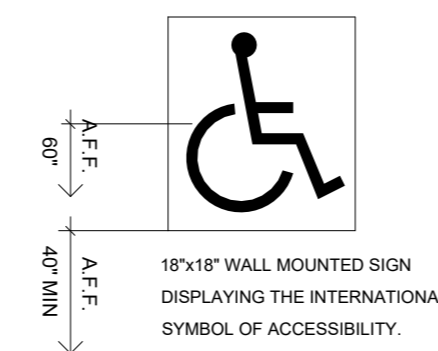
LOCATION FOR TACTILE SIGNS



- NOTE: PROVIDE GRADE 2 BRAILLE FOR ALL SIGNAGE.
1. ALL TEXT TO BE ARIAL IN FONT.
  2. PROVIDE SIGNS IN CONTRASTING COLORS.
  3. SEE PLAN FOR SIGNAGE LOCATION.
  4. QUANTITY: PROVIDE SIGN AS NOTED ON PLAN INCLUDING THE 'EXIT' SIGN.
  5. SIGNAGE PROVIDED FOR GUIDANCE ONLY. SIGNAGE COMPANY TO FOLLOW SIGNAGE GENERAL NOTES, AND COMPLY WITH CODE REQUIREMENTS.



ACCESSIBLE ENTRANCE SIGNAGE



2 SIGNAGE DETAILS N.T.S

INTERNATIONAL SIGN OF ACCESSIBILITY TABLE 11B-703.5.5 VISUAL CHARACTER HEIGHT

HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
40 INCHES (1016mm) TO LESS THAN OR EQUAL TO 70 INCHES (1778mm)	LESS THAN 72 INCHES (1829 mm)	1/4 INCHES (15.9mm)
	72 INCHES (1829mm) AND GREATER	1/2 INCHES (15.9mm) PLUS +0.2 mm PER FOOT (305mm) OF VIEWING DISTANCE ABOVE 72 INCHES (1829mm)
GREATER THAN 70 INCHES (1778mm) TO LESS THAN OR EQUAL TO 120 INCHES (3048 mm)	LESS THAN 180 INCHES (4572 mm)	2 INCHES (51 mm)
	180 INCHES (4572mm) AND GREATER	1/2 INCHES (15.9mm) PLUS +0.2 mm PER FOOT (305mm) OF VIEWING DISTANCE ABOVE 180 INCHES (4572mm)
GREATER THAN 120 INCHES (3048mm)	LESS THAN 21 FEET (6401 mm)	3 INCHES (76mm)
	21 FEET (6401 mm) AND GREATER	1/2 INCHES (15.9mm) PLUS +0.2 mm PER FOOT (305mm) OF VIEWING DISTANCE ABOVE 180 INCHES (4572mm)

TABLE 11B-703.3.1 BRAILLE DIMENSIONS

MEASUREMENT RANGE	MINIMUM INCHES MAXIMUM INCHES
DOT BASE DIMETER	0.059(1.5mm) TO 0.063 (1.6mm)
DISTANCE BETWEEN TOW DOTS IN SAME SELL	0.100 (2.54MM)
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELL	0.300 (7.6MM)
DOT HEIGHT	0.025(0.6mm) TO 0.037 (0.9mm)
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395(10mm) TO 0.400 (10.2mm)

1. MEASURED CENTER TO CENTER FIGURE 11B-703.1 BRAILLE MEASUREMENT

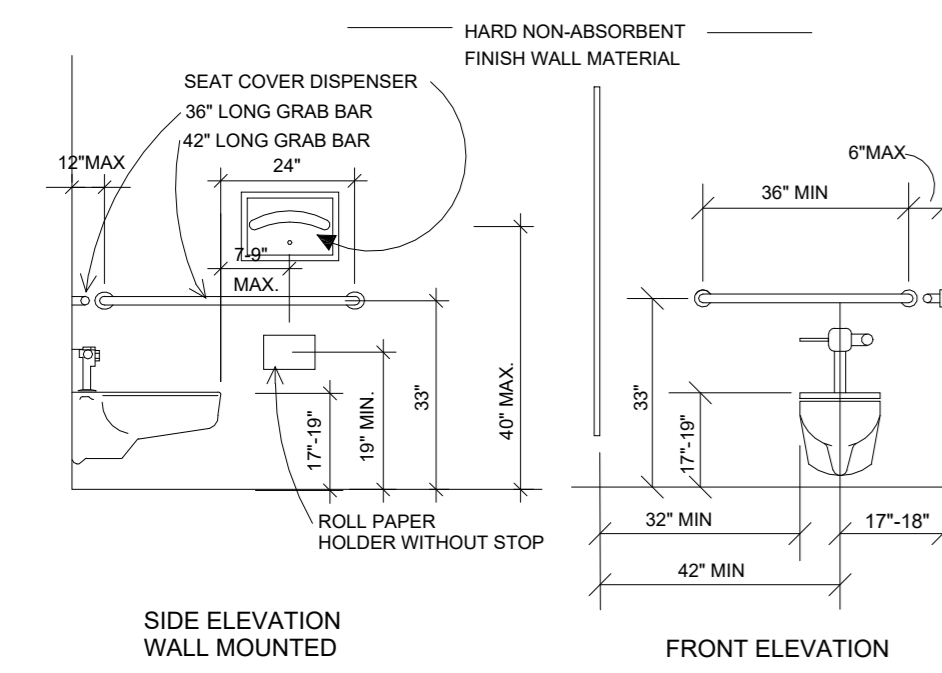
- NOTE:
1. CBC 2022 (11B-703.2.1): THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 11B-703.2.1. THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE COLOR NO. 15090 N FEDERAL STANDARD 595B.
  2. CBC 2022 (11B-703.7.1): SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.
  3. CBC 2022 (11B-703.8.4): CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "J" IS 80 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". CBC 2016 (11B-703.5.5) VISUAL CHARACTERS SHALL BE 40 INCHES MINIMUM ABOVE FINISH FLOOR OR GROUND.
  4. CBC 2022 (11B-216.6): IN EXISTING BUILDINGS AND FACILITIES WHERE NOT ALL ENTRANCES COMPLY WITH SECTION 11B-404, ENTRANCES COMPLYING WITH SECTION 11B-404 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) COMPLYING WITH SECTION 11B-703.2.1.

EQUAL RESTROOM ACCESS ACT, ASSEMBLY BILL 1732 (HEALTH AND SAFETY CODE §118600), ALL SINGLE USER RESTROOM IN ANY BUSINESS ESTABLISHMENT, PLACE OF PUBLIC ACCOMMODATION, OR STATE OR LOCAL GOVERNMENT AGENCY MUST BE IDENTIFIED AS "ALL-GENDER" TOILET FACILITY.

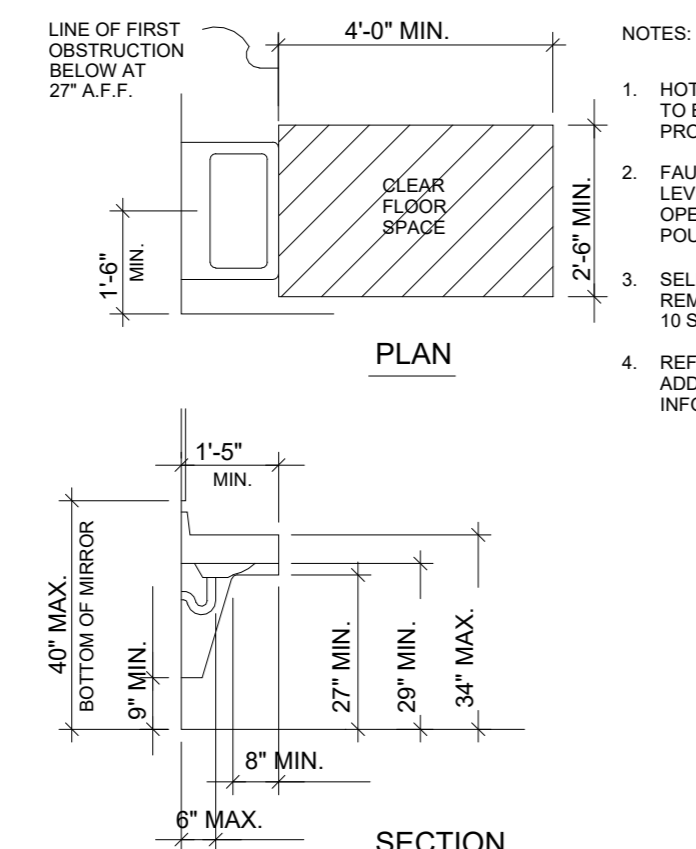
- INSTALLATION NOTE:
1. ATTACH SIGN USING FOUR (4) FLATHEAD COUNTERSUNK SCREWS & ADHESIVE.

NOTES:

1. REFER TO FLOOR PLANS FOR ADDITIONAL DIMENSIONS AND INFORMATION.
2. FLUSH VALVE MUST BE MOUNTED ON THE WIDE SIDE OF THE TOILET COMPARTMENT.
3. MAXIMUM PRESSURE TO OPERATE TOILET VALVE SHALL BE FIVE POUNDS.
4. GRAB BARS SHALL HAVE 250 LB. CAPACITY.

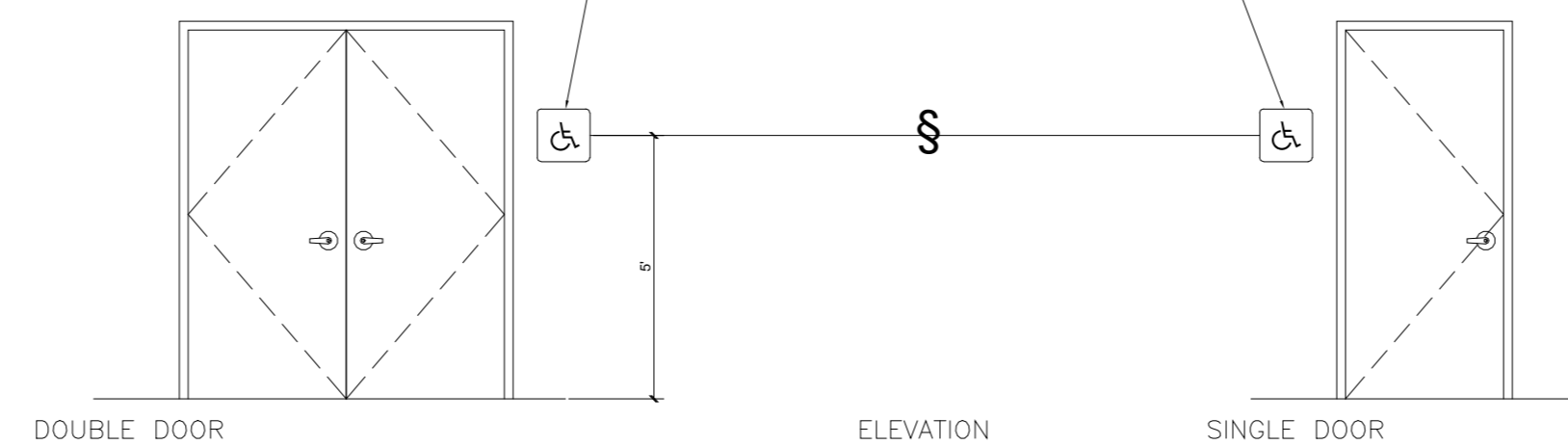


3 TOILET FACILITIES N.T.S



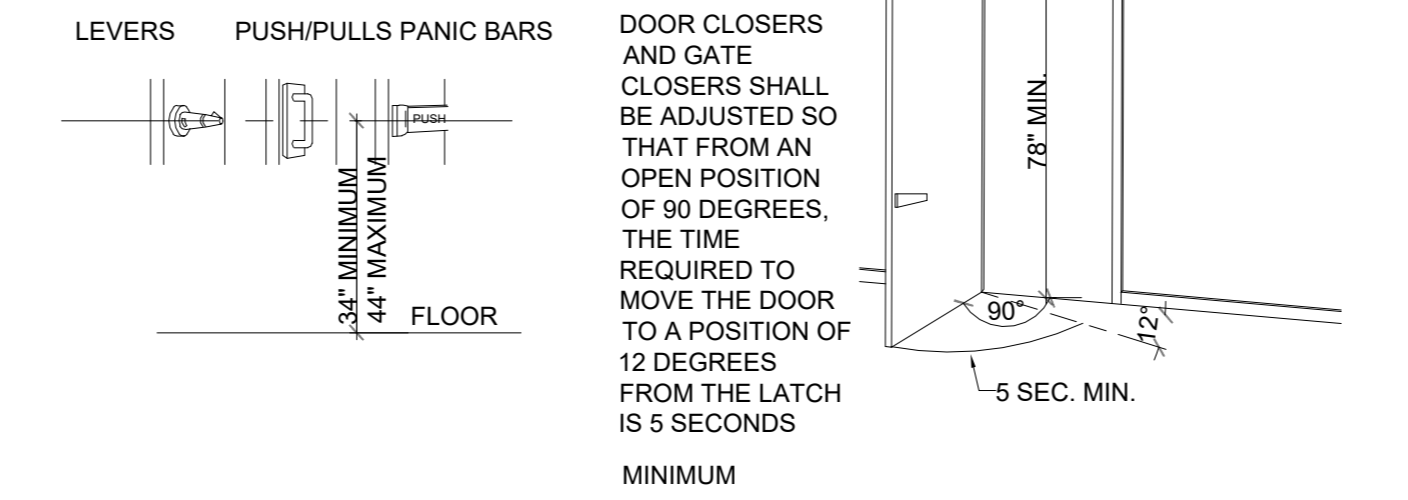
4 LAVATORIES N.T.S

ACCESSIBLE ENTRANCE SIGN UTILIZING INTL SYMBOL OF ACCESSIBILITY PER



1. ATTACH SIGN USING (4) FLATHEAD COUNTERSUNK SCREWS & ADHESIVE
2. ALL SIGN SHALL BE CONSTRUCTED OF 1/4 THK. SOLID PLASTIC.
3. AT STOREFRONT DOORS, PROVIDE DECAL AFFIXED TO GLASS ADJACENT LATCH SIDE OF DOOR.

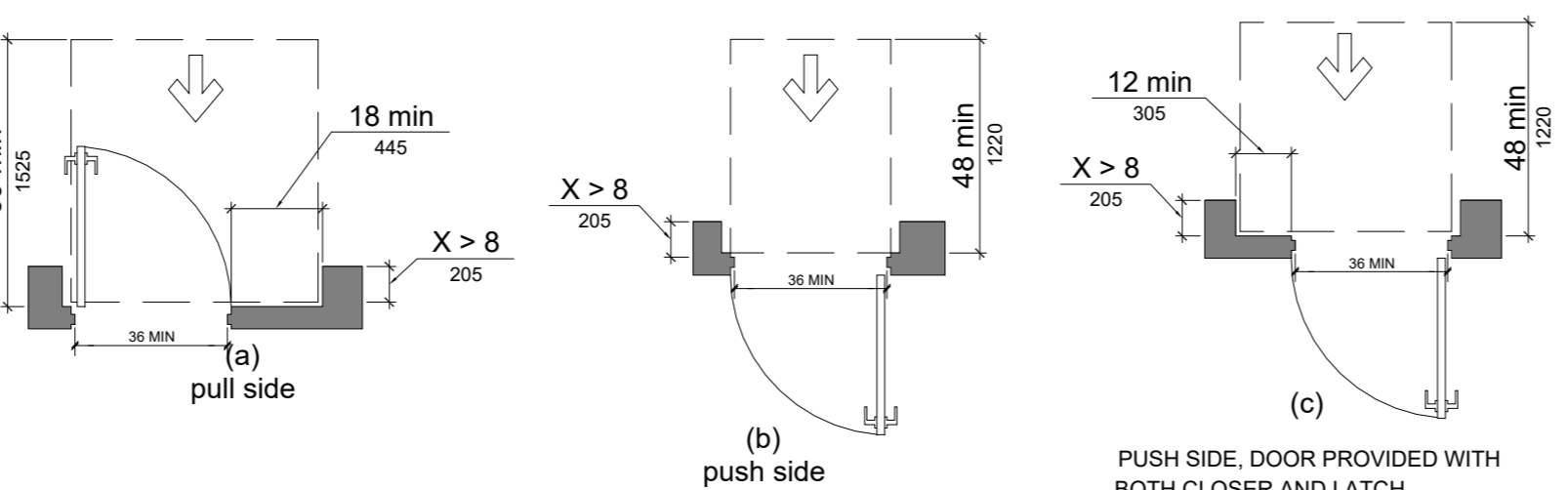
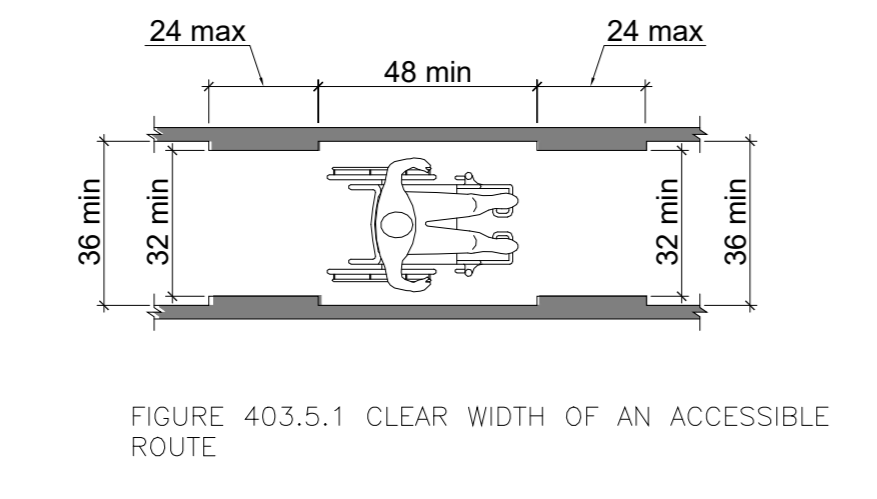
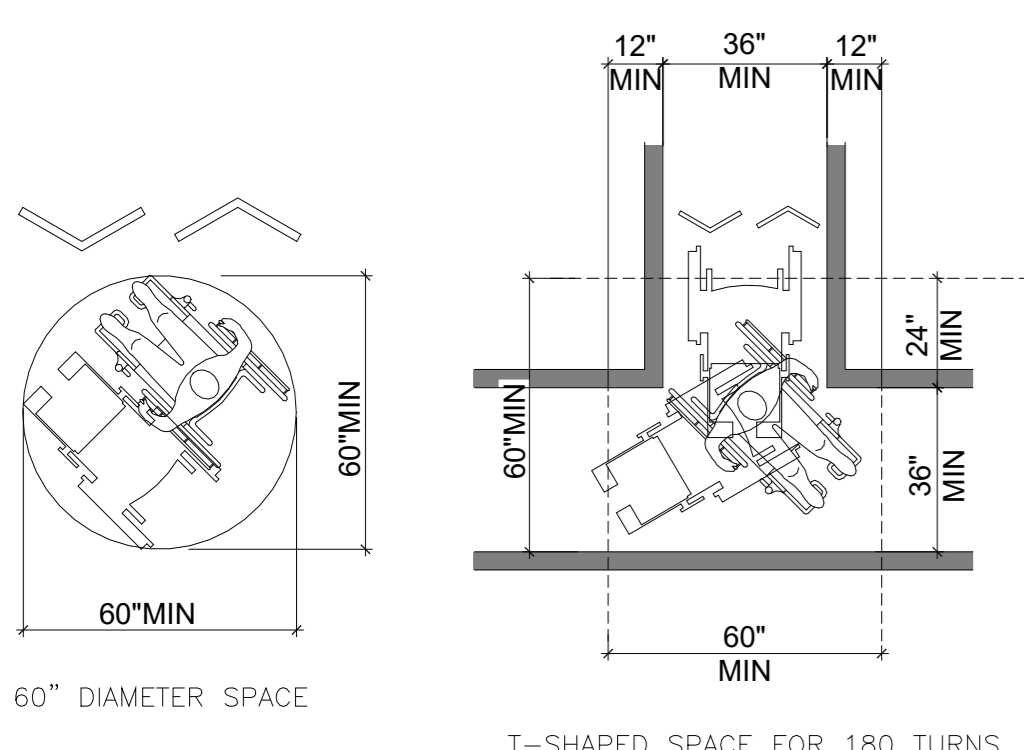
ACCEPTABLE DOOR HARDWARE & MOUNTING HEIGHTS



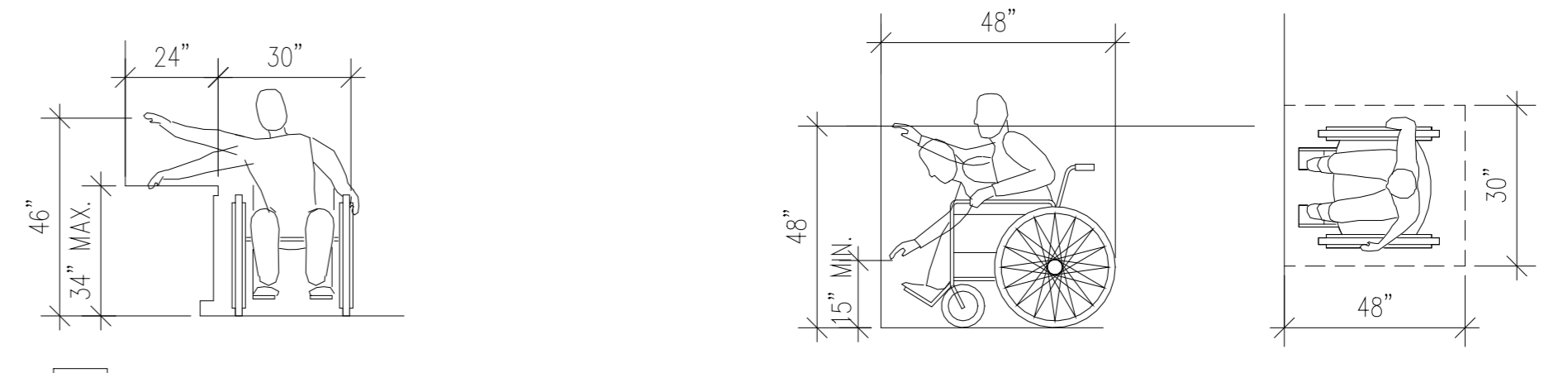
6 DOORS N.T.S

- NOTES:
1. ALL GRAB BARS AND BLOCKING SHALL COMPLY WITH ALL APPLICABLE ACCESSIBILITY CODES, STANDARDS, AND LAWS. BLOCKING SHALL BE INSTALLED AT TIME OF INITIAL CONSTRUCTION.
  2. GRAB BARS SHALL BE PROVIDED AT COMMON/PUBLIC ACCESSIBLE TOILETS.
  3. GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS. EDGES SHALL BE ROUNDED.
  4. GRAB BARS SHALL NOT ROTATE WITHIN THE FITTINGS.
  5. STRUCTURAL STRENGTH OF MATERIALS, FASTENERS, MOUNTING DEVICES, AND SUPPORTING STRUCTURES SHALL RESIST A SINGLE FORCE OF 250 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ON THE GRAB BAR, FASTENR, MOUNTING DEVICES, OR SUPPORTING
  6. PROVIDE PRIVACY DOOR LOCK WHEN ITS A PRIVATE TOILET OR FOR UNISEX USE

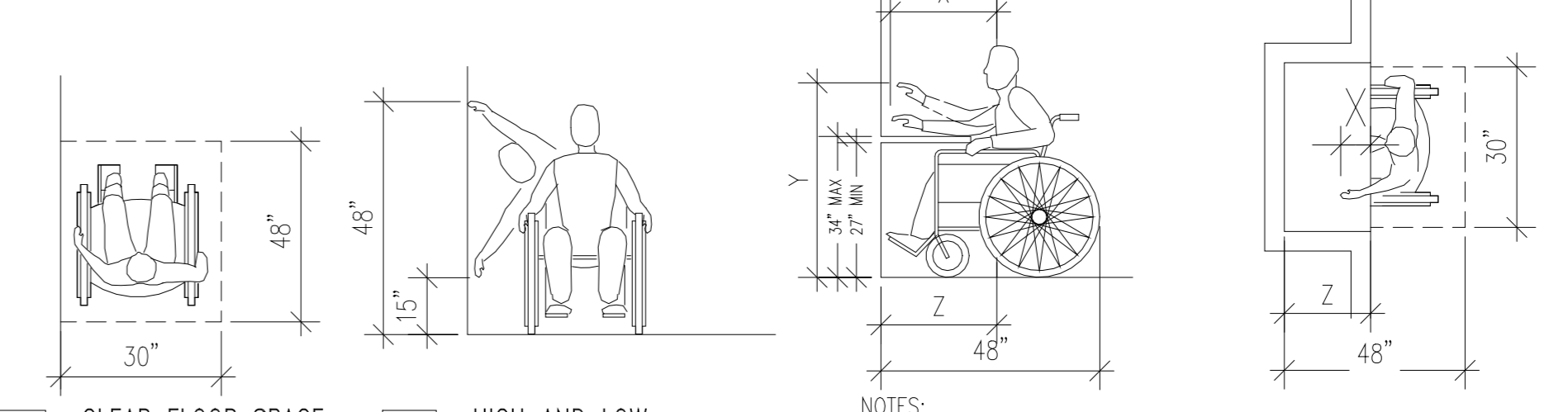
5 ACCESSIBLE RESTROOMS N.T.S



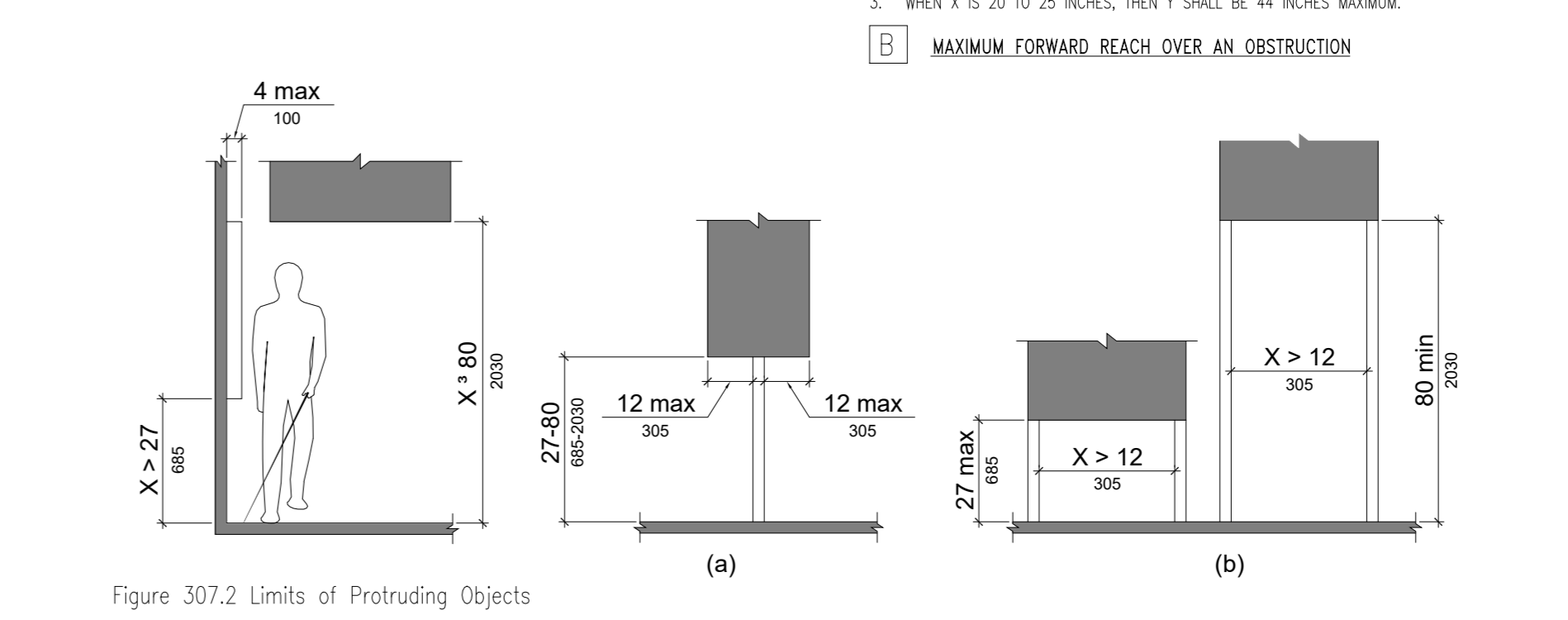
8 PATH OF TRAVEL N.T.S



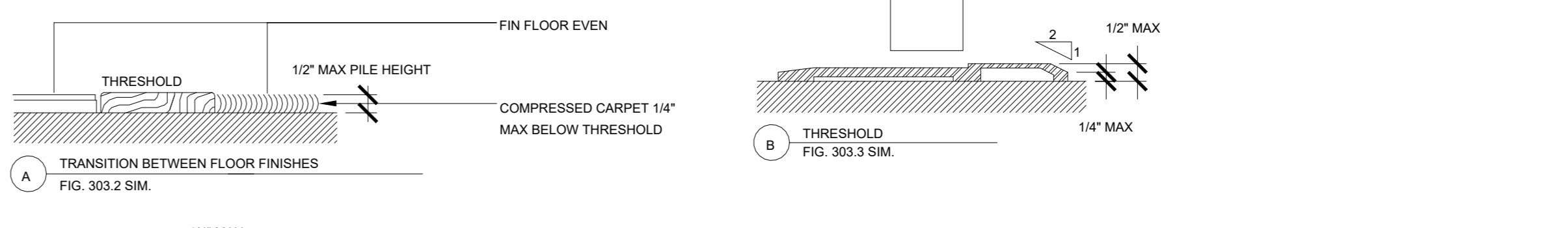
F MAXIMUM SIDE REACH OVER AN OBSTRUCTION A HIGH FORWARD REACH LIMIT



C CLEAR FLOOR SPACE PARALLEL APPROACH D HIGH AND LOW SIDE REACH LIMITS



7 REACH RANGES N.T.S



SHEET NOTE

ALL INTERIOR CONSTRUCTION WITHIN THE SCOPE OF THIS PROJECT IS REQUIRED TO BE ACCESSIBLE AS SET FORTH IN THE ADA STANDARDS FOR ACCESSIBLE DESIGN. SECTIONS INDICATED ON THIS SHEET REFERENCE THE AFOREMENTIONED DOCUMENT. REFER TO SHEET G2.0 FOR ALL ACCESSIBLE NOTES.



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No.: 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA  
92865  
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3348 E COAST HWY CORONA DEL MAR CA 92662  
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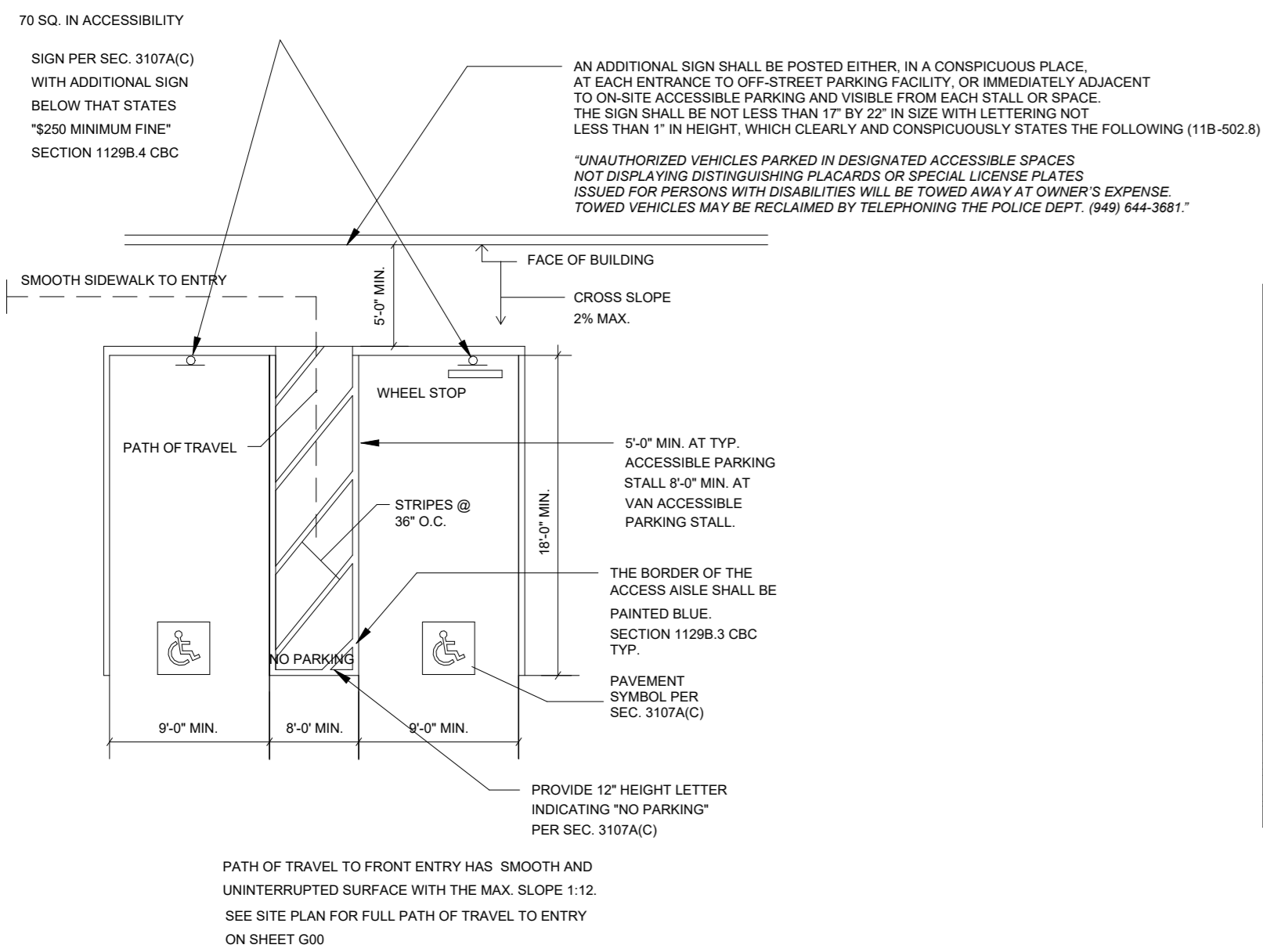
REVISIONS HISTORY	DATE
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2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

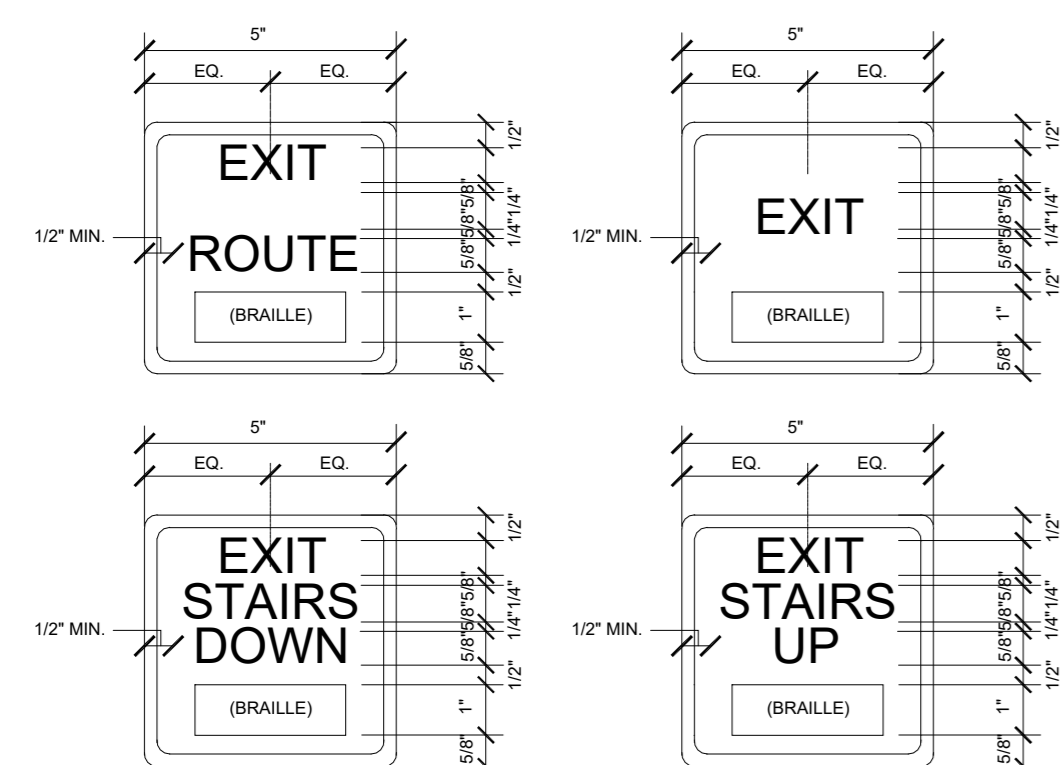


SHEET NAME  
ADA ACCESSIBILITY DETAILS

SHEET NUMBER  
G2.1

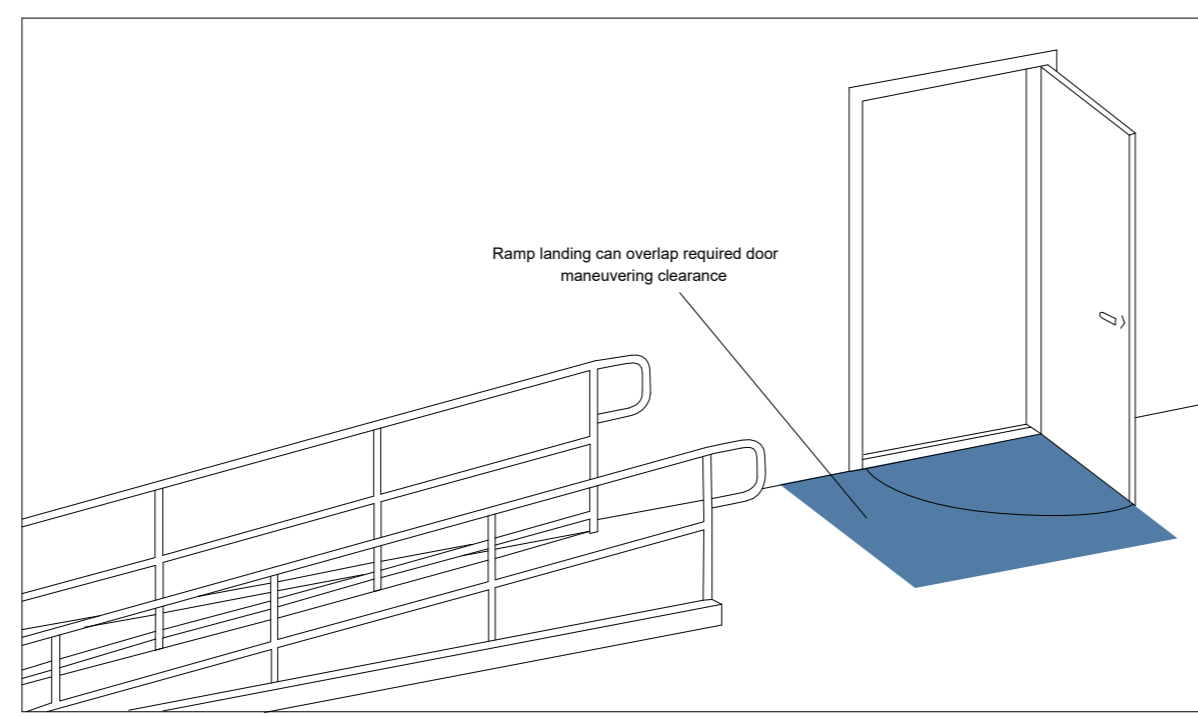


9 ACCESSIBLE PARKING N.T.S.



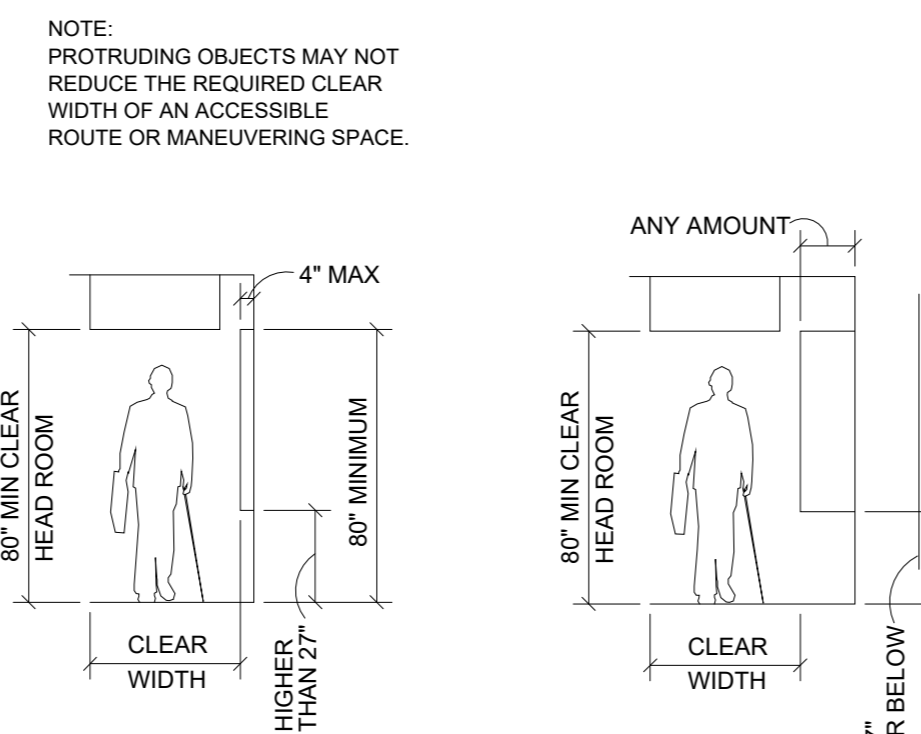
WALL SIGNS MTD @ 60" A.F.F. @ CENTERLINE

13 TACTILE EGRESS SIGNAGE N.T.S.

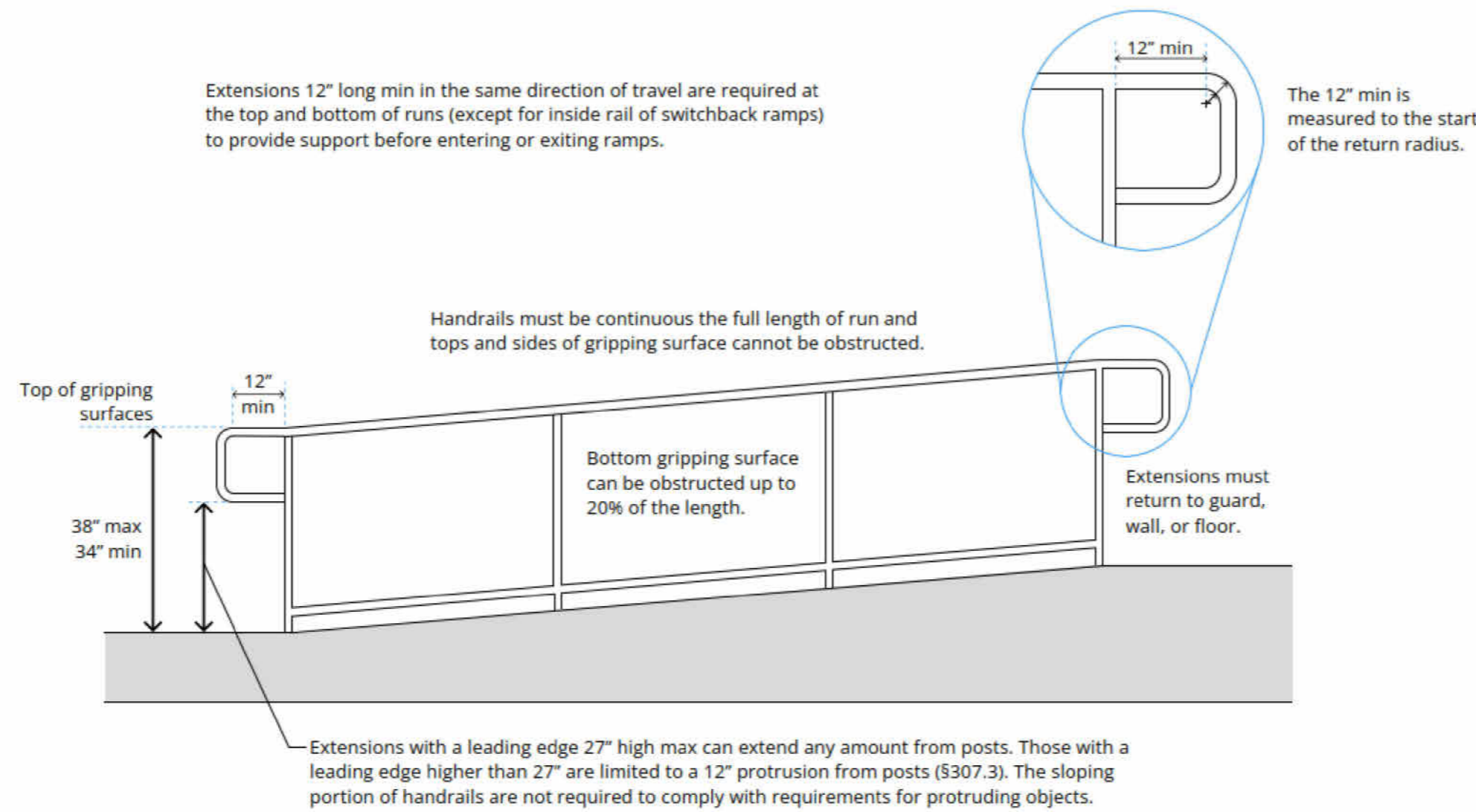


ADA AND BUILDING CODE ALLOW RAMP LANDINGS TO SHARE THE SAME SPACE AS THE CLEARANCES REQUIRED FOR ACCESSIBILITY OF ADJACENT DOORWAYS. HOWEVER, THE ADAS RECOMMENDS THAT THE DOOR SWING IS LOCATED OUTSIDE OF RAMP LANDING.

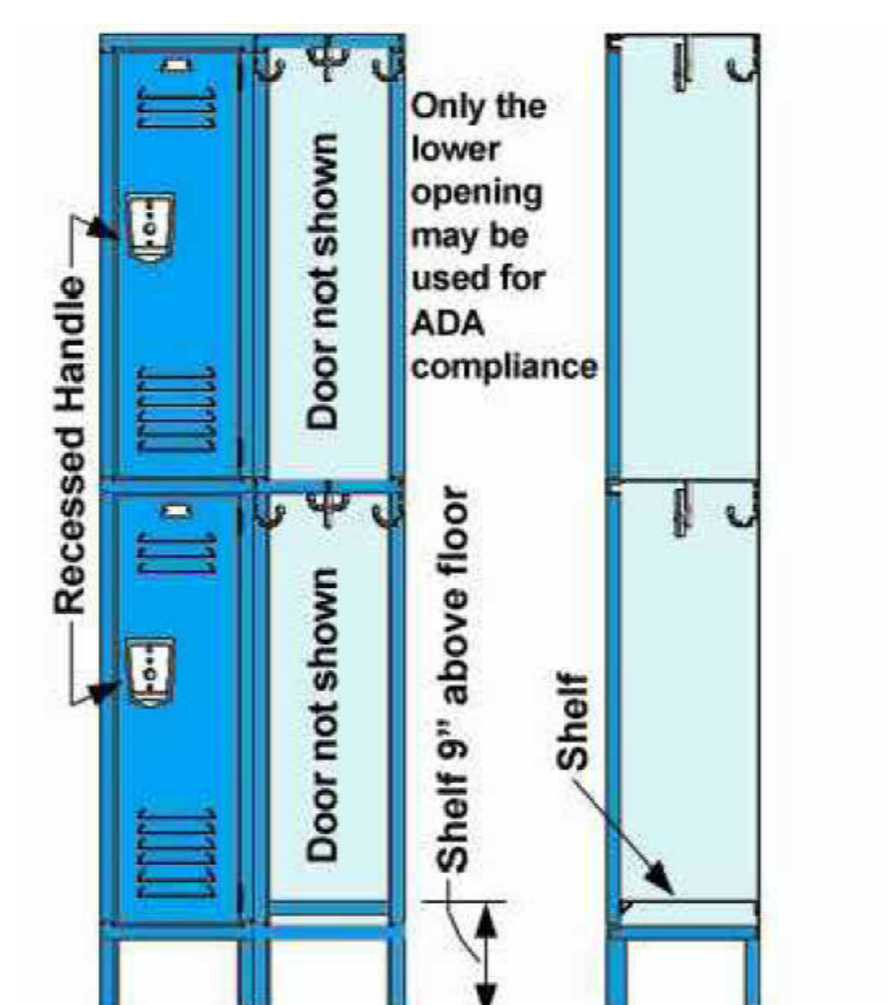
10 RAMP LANDING OVERLAP N.T.S.



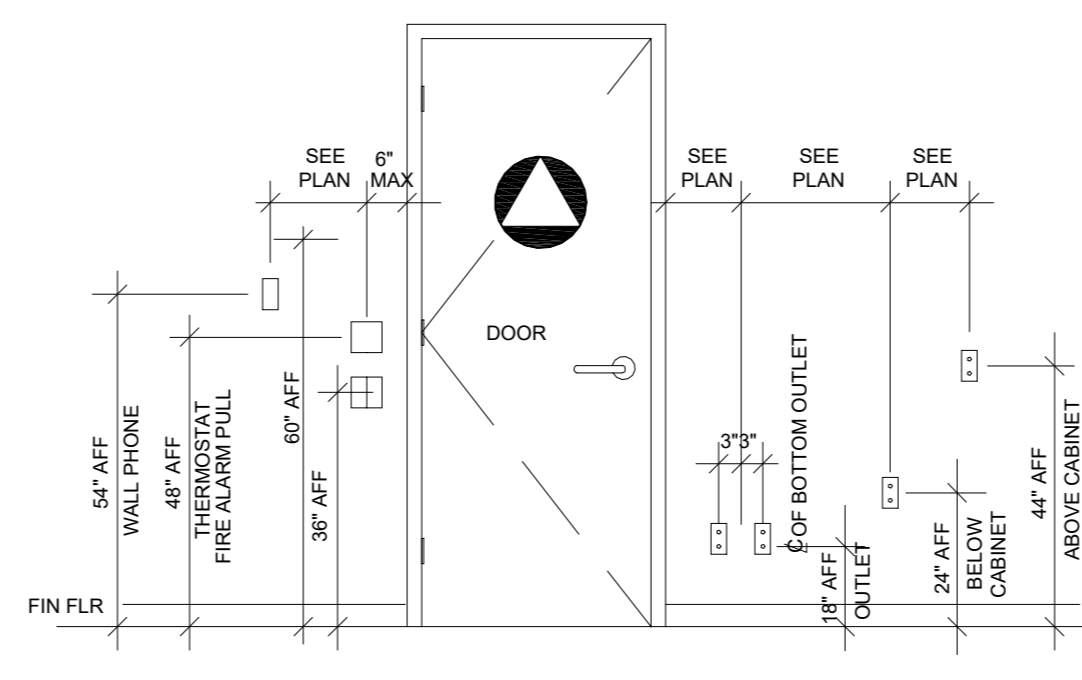
14 ACCESSIBLE ROUTE CLEARANCE N.T.S.



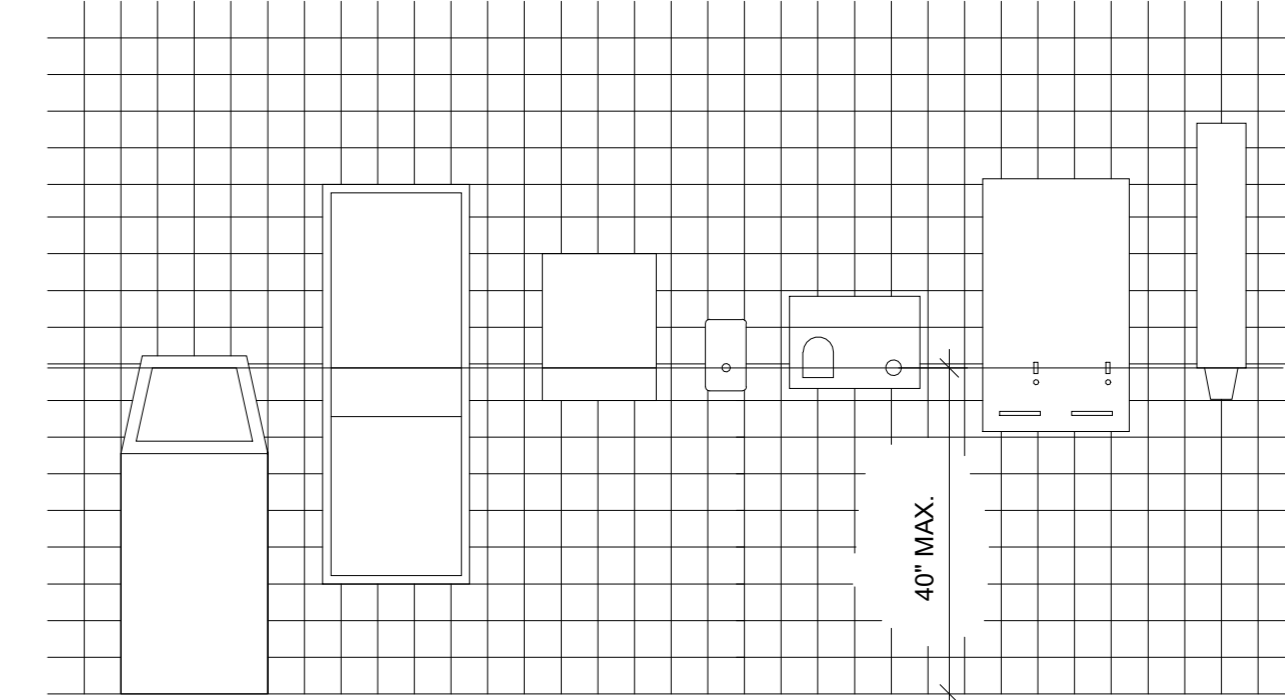
2 HANDRAILS AT RAMP SCALE : 3" = 1'-0"



11 EMPLOYEE LOCKER N.T.S.



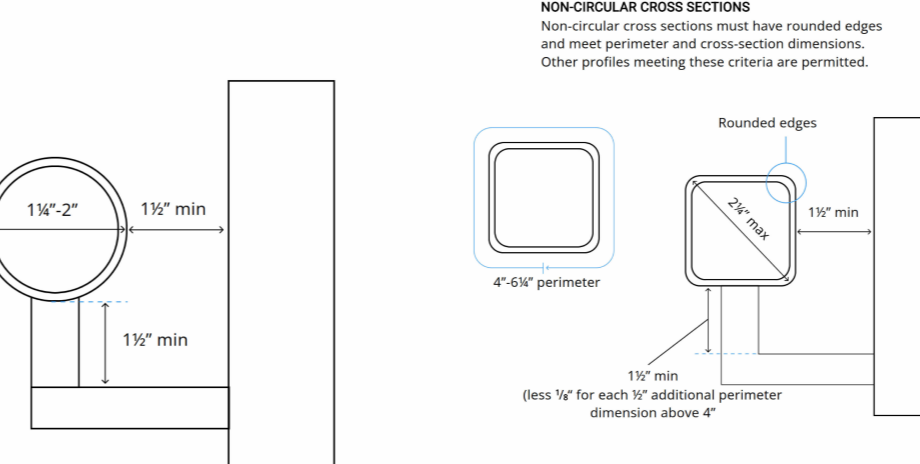
15 POWER & COMMUNICATION HEIGHTS N.T.S.



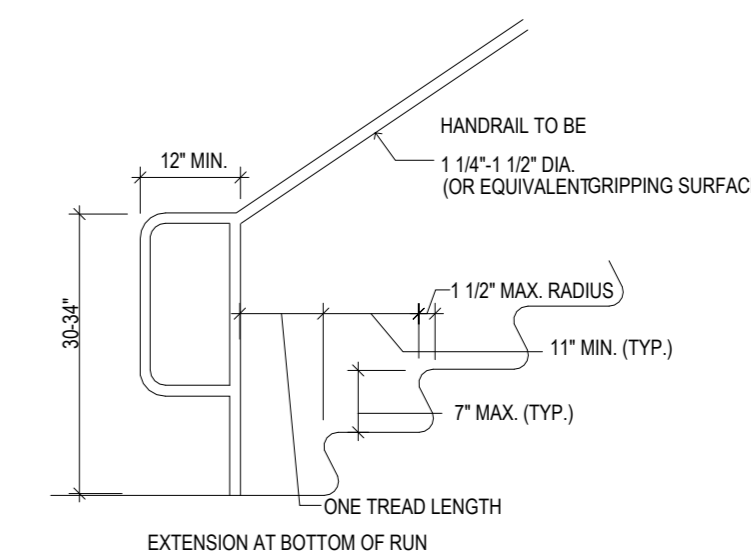
16 RESTROOM ACCESS HEIGHTS N.T.S.

CONTRACTOR TO ENSURE: OPEN RISERS OR STAIR NOSINGS THAT EITHER CAN CREATE A TRIPPING OR SLIP HAZARD. UNIFORM TREAD AND RISER SIZES CREATE PREDICTABILITY FOR THE USER AND REDUCE FALL HAZARDS. OTHER FEATURES NOT SHOWN HERE CAN INCLUDE CONTRASTING STRIPING. COMPLY WITH CBC 1011.5 STAIR TREADS AND RISERS (22) CBC 1011.5.5 NOSING AND RISER PROFILE. CBC 11N-504.2 (22) AND ADA 504.5 NOSINGS (10)

CIRCULAR CROSS SECTIONS



3 HANDRAILS AT RAMP AND STAIRS SCALE : 3" = 1'-0"



4 HANDRAILS AT STAIRS SCALE : 3" = 1'-0"



Design | Engineering | Construction

Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
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Ben@accandengineering.com  
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CONTRACTOR



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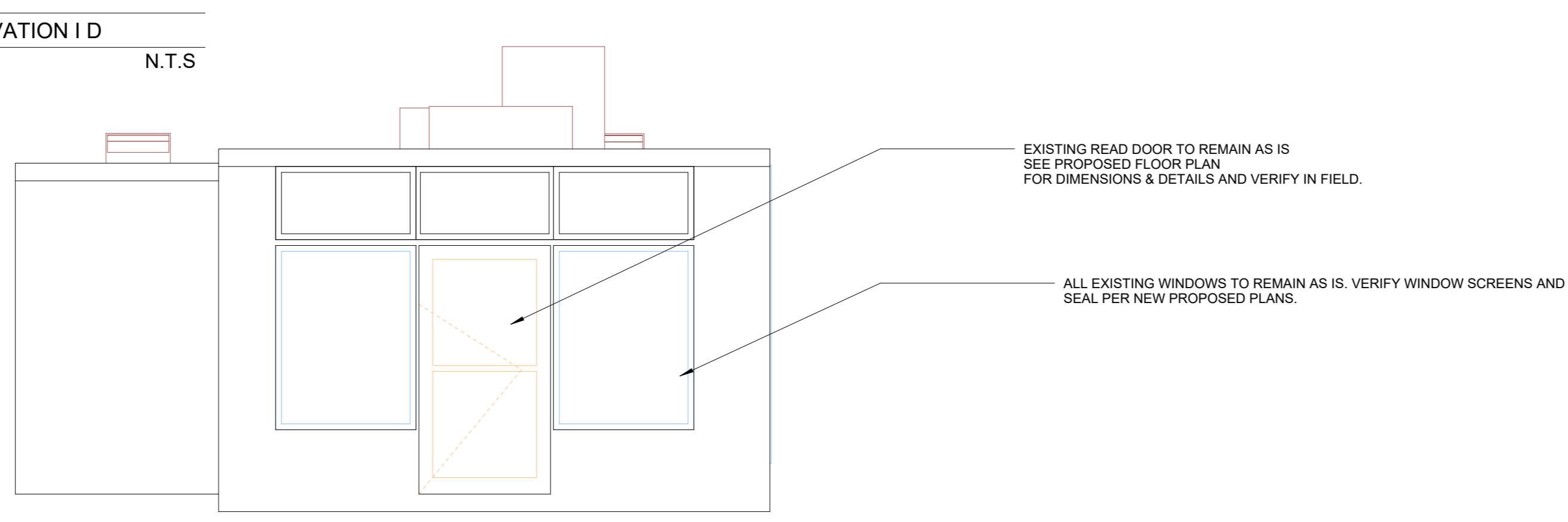
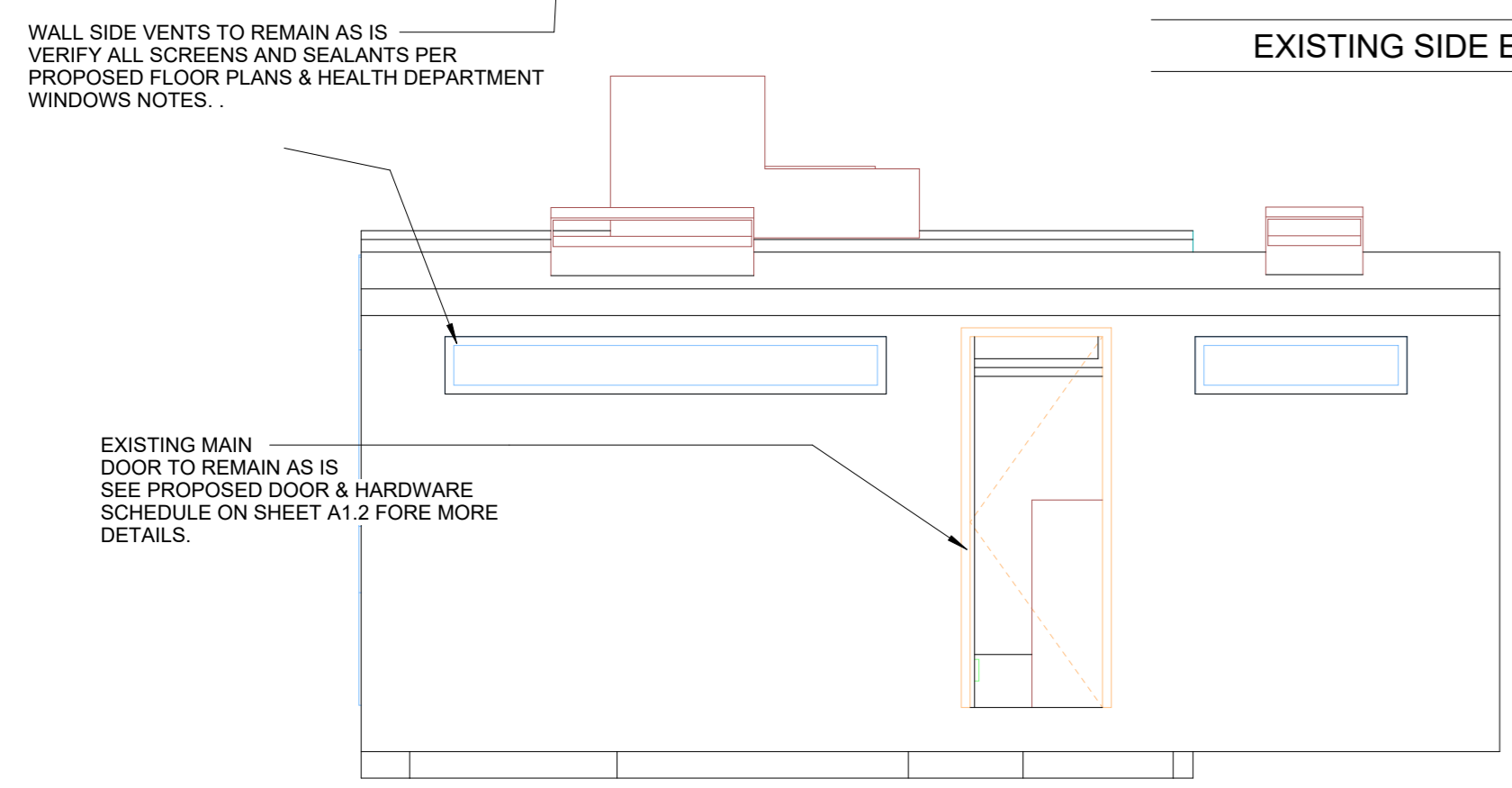
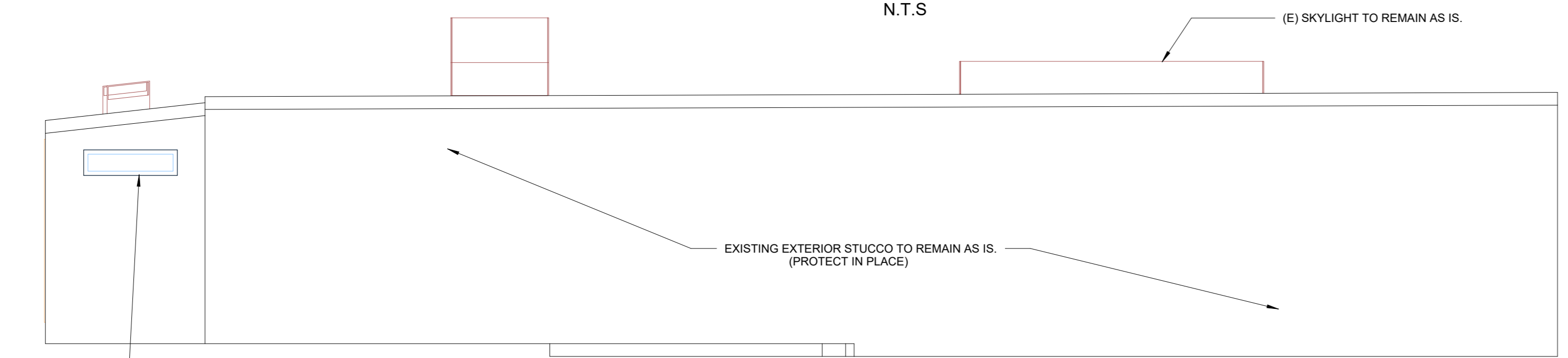
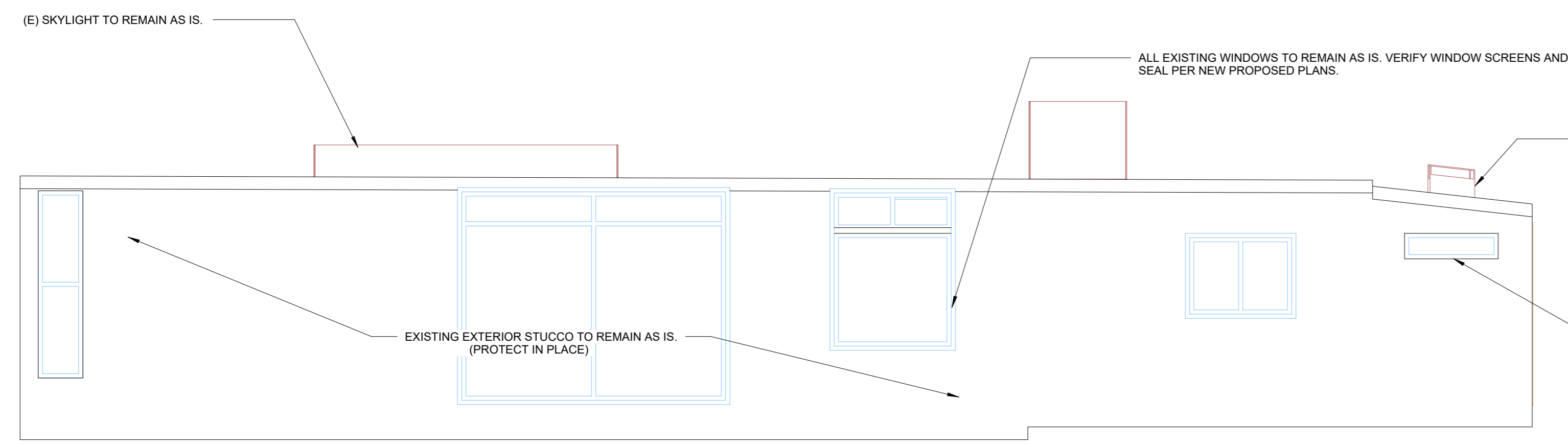
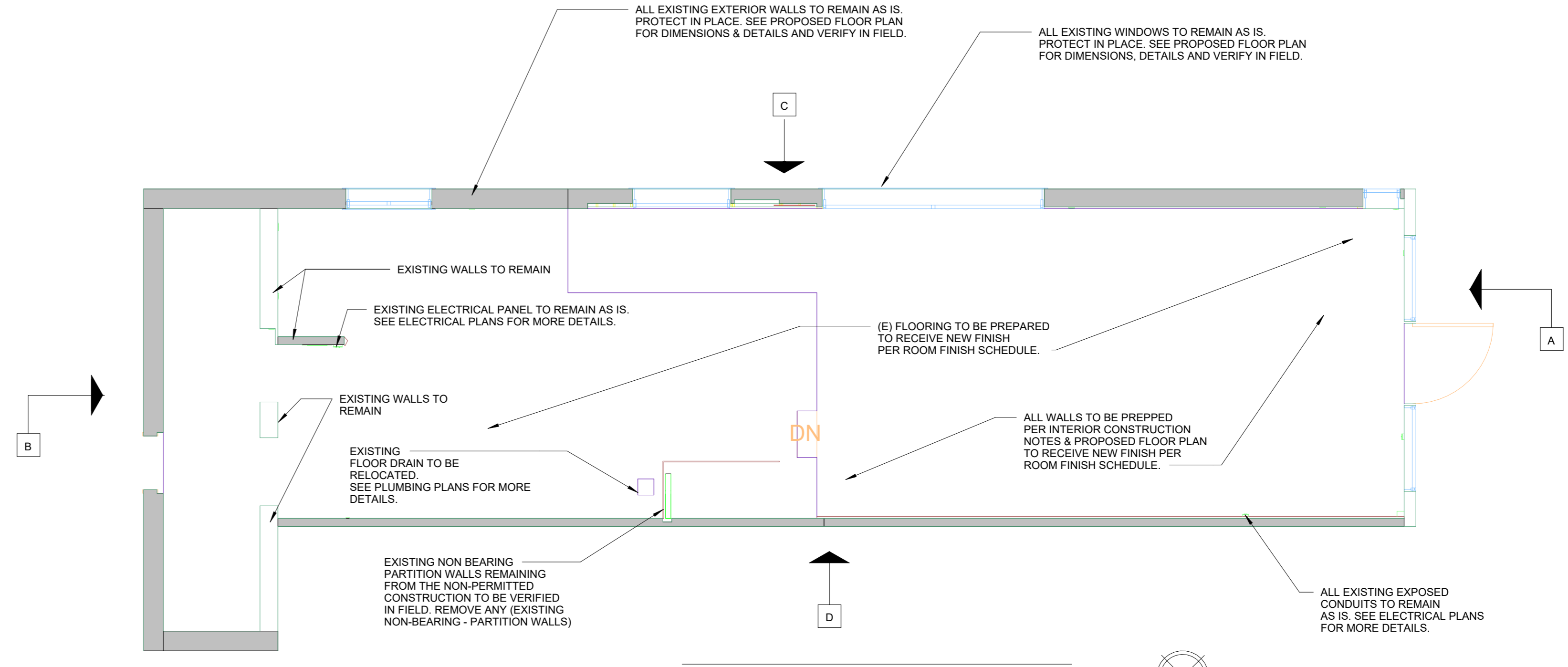
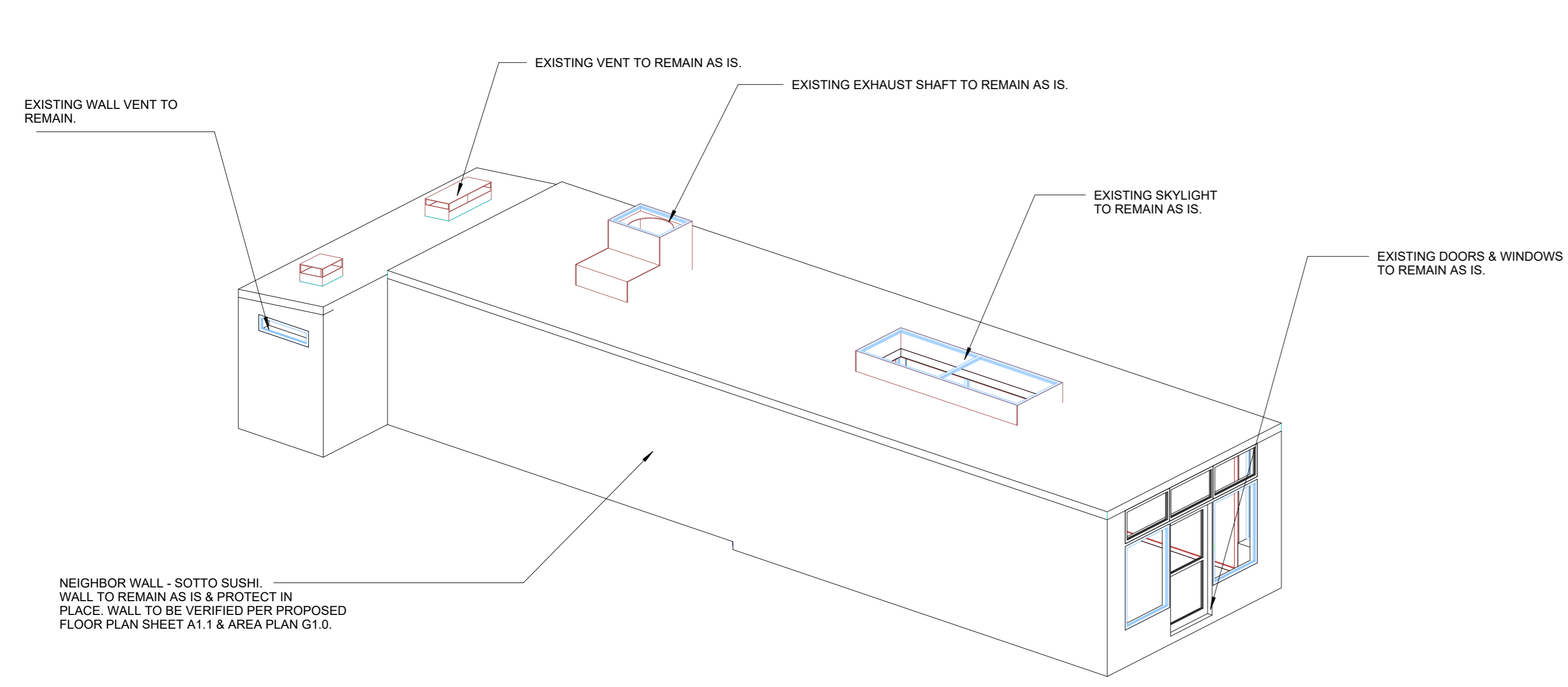
SEAL / STAMP



SHEET NAME  
ADA ACCESSIBILITY  
DETAILS

SHEET NUMBER

G2.2



**NOTE:**  
EXISTING INTERIOR PARTITIONS TO BE REMOVED ARE NON-STRUCTURAL, NON-BEARING WALLS.

- DEMOLITION PLAN NOTES**
- CONTRACTOR IS TO CAREFULLY PROTECT EXISTING ITEMS NOTED ON THE PLANS TO REMAIN AS IS.
  - THE DEMOLITION EXTENT INCLUDES ANY AND ALL ITEMS NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT.
  - ANY DISCREPANCIES BETWEEN THE PLANS & FIELD CONDITIONS THAT ARE DISCOVERED ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION FOR FURTHER DIRECTIONS.
  - PROTECT IN PLACE ALL EXISTING POWER AND DATA OUTLETS AND WALL THERMOSTATS.
  - PROTECT IN PLACE ALL EXISTING IDF BOXES.
  - SCRAPE LOOSE WALL PAINT, REMOVE TAPE AND STAPLES FROM WALLS, PATCH HOLES, CAULK SURFACE CRACKS AND PREPARE WALLS FOR NEW PAINT.
  - REMOVE ALL SOAP AND TOWEL DISPENSERS, MIRRORS, OLD PLUMBING FIXTURES, COMPONENTS, FILES CABINET AND OTHER MISC. EQUIPMENT FROM THE EXISTING ROOMS THAT WILL BE AFFECTED AS SHOW ON THE PLANS (U.N.O.).
  - PROTECT FINISH MATERIALS AGAINST DAMAGE AT ALL TIMES.
  - DEMOLITION CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE CONSTRUCTION FIRE ASSEMBLY RATING FOR ALL EXISTING RATED WALL ASSEMBLIES, ROOF ASSEMBLIES AND/OR SHAFTS.
  - ANY EXISTING FINISHED SURFACES TO REMAIN THAT ARE AFFECTED BY SELECTIVE DEMOLITION SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACES UNLESS CONCEALED BY NEW CONSTRUCTION.
  - ALL DOORS AND HARDWARE TO REMAIN UNLESS NOTED OTHERWISE IN THE DOOR AND FRAME SCHEDULE.
  - REFER TO MECHANICAL DRAWINGS FOR ALL MECHANICAL BEING REMOVED, RELOCATED OR ABANDONED. CUT AND PATCH FLOOR AS REQUIRED FOR ALL NEW MECHANICAL. CAP ABANDONED MECHANICAL BELOW PATCH OF FLOOR SLAB.
  - VERIFY ALL MODIFICATIONS OF HVAC AND PLUMBING WITH MECHANICAL DRAWINGS.
  - REFER TO PLUMBING DRAWINGS FOR ALL PLUMBING BEING REMOVED, RELOCATED OR ABANDONED. CUT AND PATCH FLOOR AS REQUIRED FOR NEW PLUMBING. CAP ABANDONED PLUMBING BELOW PATCH OF FLOOR SLAB.
  - REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL BEING REMOVED, RELOCATED OR ABANDONED CUT AND PATCH FLOOR AS REQUIRED FOR NEW ELECTRICAL.
  - THOROUGHLY CLEAN BUILDING UPON COMPLETION OF SELECTIVE DEMOLITION.
  - TOTAL SCOPE OF DEMOLITION MAY NOT BE COVERED ON THIS SHEET. REVIEW ALL SHEETS IN THE CONSTRUCTION DOCUMENTS TO DETERMINE TOTAL SCOPE OF DEMOLITION.

**NOTE:**  
-REFER TO G00 FOR GENERAL NOTES AND G2.0 FOR PROJECTS NOTES.



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No.: 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA  
92865  
LIC#825022

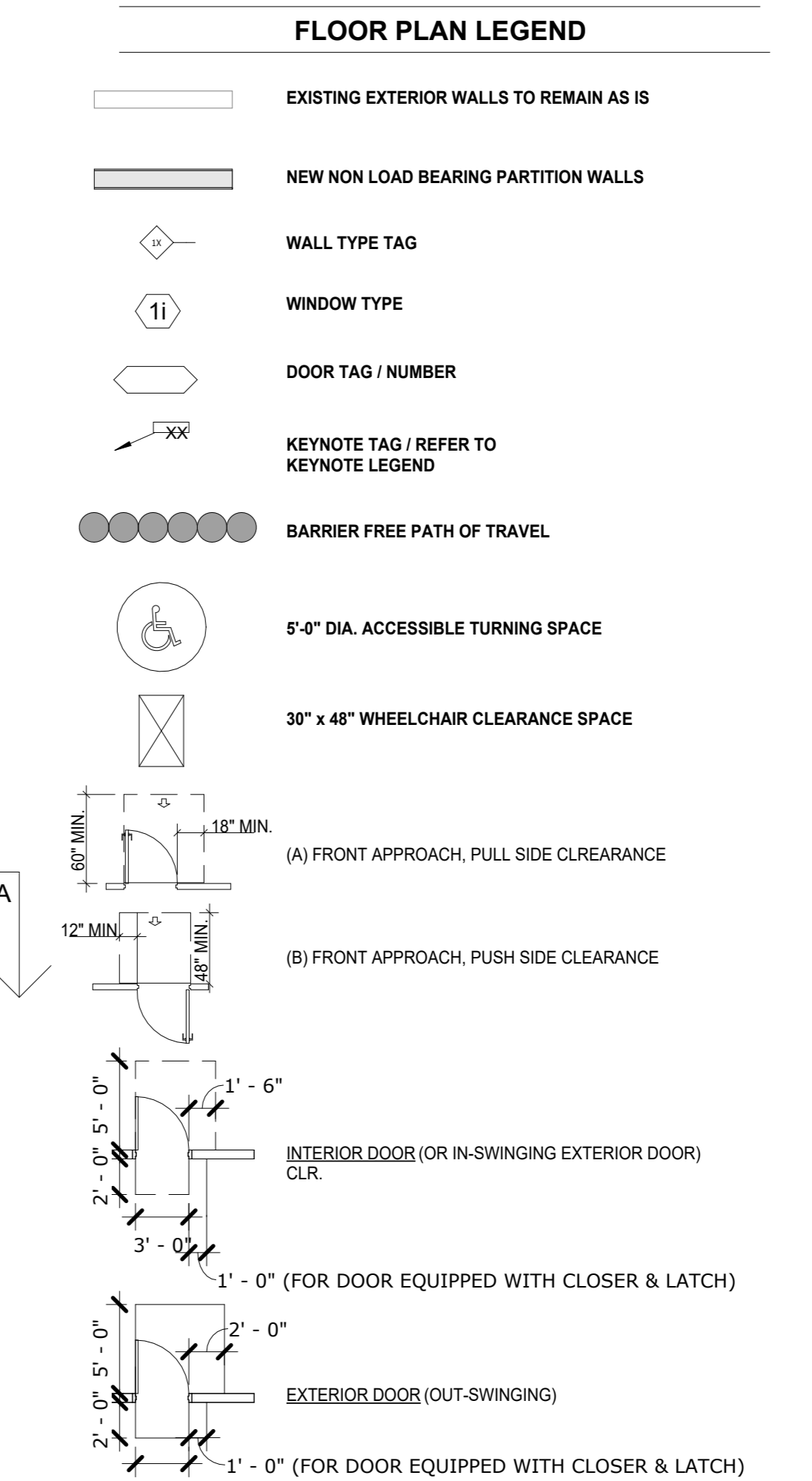
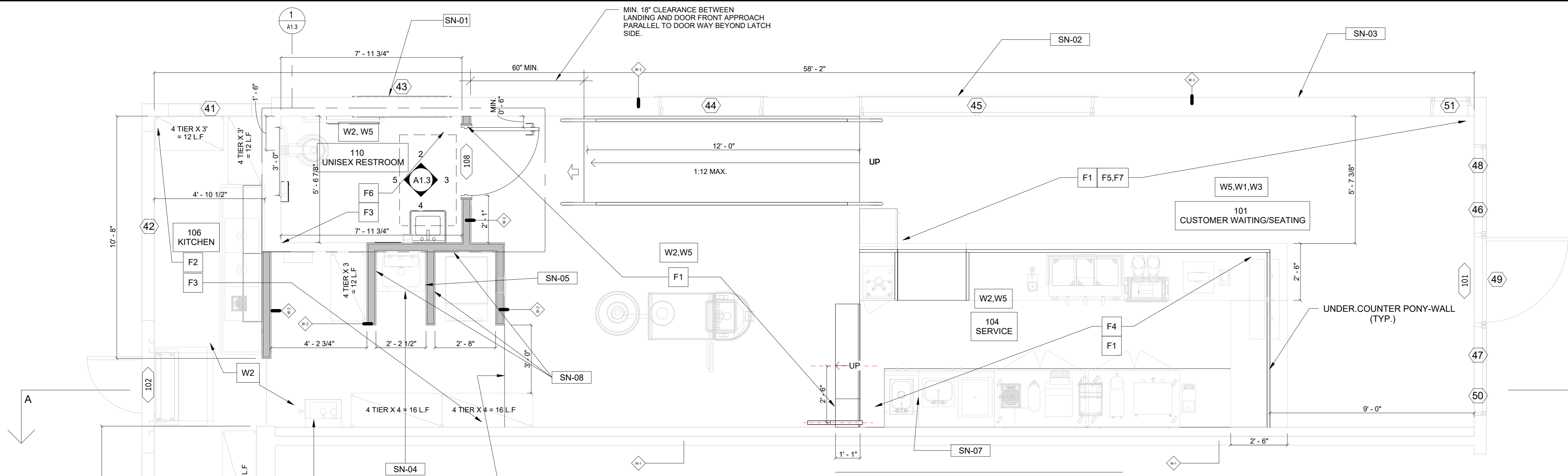
PROJECT NAME	LOCATION	OWNER
DEL MAR ROASTER EPS	3348 E COAST HWY CORONA DEL MAR CA 92652	YAHYA SHANNAK

REVISIONS HISTORY	
1ST REVIEW SUBMITTED BY OTHERS	9/21/2022
2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023



SHEET NAME  
EXISTING & DEMOLITION FLOOR PLAN

SHEET NUMBER  
A1.0



TAG	WINDOW	WIDTH	HEIGHT	GLAZING TYPE	COMMENTS	TAG	WINDOW	WIDTH	HEIGHT	GLAZING TYPE	COMMENTS
41	Existing	3' - 8"	1' - 0"	TEMPERED SAFETY	VERIFY IN FIELD	47	Existing	4' - 0"	5' - 3"	TEMPERED SAFETY	VERIFY IN FIELD
42	Existing	8' - 4"	1' - 1"	TEMPERED SAFETY	VERIFY IN FIELD	48	Existing	4' - 0"	5' - 3"	TEMPERED SAFETY	VERIFY IN FIELD
43	Existing	4' - 0"	3' - 0"	TEMPERED SAFETY	REMOVE & IN-FILL WALL	49	Existing	4' - 0"	2' - 1"	TEMPERED SAFETY	VERIFY IN FIELD
44	Existing	4' - 7"	6' - 0"	TEMPERED SAFETY	VERIFY IN FIELD	50	Existing	4' - 0"	2' - 1"	TEMPERED SAFETY	VERIFY IN FIELD
45	Existing	10' - 4"	8' - 2"	TEMPERED SAFETY	VERIFY IN FIELD	51	Existing	1' - 9"	7' - 4"	TEMPERED SAFETY	VERIFY IN FIELD
46	Existing	4' - 0"	2' - 1"	TEMPERED SAFETY	VERIFY IN FIELD	53	Existing	4' - 0"	1' - 1"	TEMPERED SAFETY	VERIFY IN FIELD

MARK	SIZE	DESCRIPTION	FRAME	NOTES	RATING	HARDWARE
101	EXISTING	EXISTING ALUMINUM AND GLASS STOREFRONT	ALUM.	FIELD VERIFY EXISTING CONDITIONS USE EXISTING HARDWARE.	N/A	NUMBER 1
103	CUSTOM	SALES COUNTER MILLWORK GATE	WOOD	SUPPLIED BY OWNER, INSTALLED BY G.C.	N/A	NUMBER 2
108	3'-0" x 7'-0" x 1 3/4"	NEW SOLID CORE WOOD (PAINT GRADE)	METAL	KNOCK-DOWN PRIMER GRADE FRAME PAINTED P4 ALL SIDES	N/A	NUMBER 3
102	EXISTING	EXISTING ALUMINUM AND GLASS STOREFRONT	ALUM.	FIELD VERIFY EXISTING CONDITIONS USE EXISTING HARDWARE.	N/A	NUMBER 4

HARDWARE SET	DESCRIPTION	QTY.
1	LOCKSET W/ LEVER HAND OR REPLACE CYLINDER SIGN: "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" CLOSER HINGES THRESHOLD ADA COMPLIANT OFFSET SADDLE W/ THERMAL BREAK PUSH/ PULL BAR WITH PADDLE HANDLE	1 EA 1 EA 1 EA 1 SET 1 EA 1 EA
2	DOUBLE ACTION KITCHEN HINGES REFER TO DETAIL 5/A1.1	1 SET
3	HINGES PRIVACY LOCK SET LEVER HANDLE CLOSER SIGN "MEN" / "WOMEN" (DECOR BY OWNER) ACCESSIBLE SIGN "MEN" / "WOMEN" (BY CONTRACTOR) DOOR / WALL STOP - REFER TO A1.0 8" HIGH KICK PLATE (BRUSHED SS FINISH) ONE ON EACH SIDE	1 SET 1 EA 1 EA 1 EA 1 EA
4	NOTE: FIELD VERIFY EXISTING DOOR CONDITIONS AND REUSE IF ALLOWABLE PANIC HARDWARE / PUSH BAR EXTERIOR STRIKE GUARD PLATE / VIEWER / CLOSER / THRESHOLD 36" HIGH 14 GA STEEL DIAMOND PLATE. KICK PLATE ON INTERIOR SIDE	1 EA 1 EA 1 EA

**REFER TO DISABLED ACCESS REQUIREMENTS (DOORS, GATES & HARDWARE) SECTION ON SHEET G2.0 FOR MORE NOTES.**

MAXIMUM FORCE FOR PUSHING OR PULLING OPEN, EXTERIOR OR INTERIOR HINGED DOORS WITH CLOSERS AND SLIDING OR FOLDING DOORS, SHALL NOT EXCEED FIVE POUNDS. (11B-404.2.6)

THRESHOLDS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL A DOORWAYS SHALL COMPLY WITH SECTION 11B-302 AND 11B-303. (11B-404.2.5)

**HARDWARE NOTES**

1. ALL HARDWARE NEW AND EXISTING SHALL BE IN ACCORDANCE WITH LOCAL AND STATE ACCESSIBILITY STANDARDS, AND AMERICANS WITH DISABILITY STANDARDS.

2. A READILY VISIBLE, DURABLE SIGN IS POSTED ON THE EGRESS SIDE OR ADJACENT TO THE DOOR STATING, "THIS DOOR TO REMAIN UNLOCKED WHILE THIS SPACE IS OCCUPIED".

3. EGRESS DOORS TO BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR ANY REQUIRED SPECIAL KNOWLEDGE OR EFFORT.

4. EGRESS DOOR LOCK AND LATCHES SHALL COMPLY WITH ALL LOCAL AND STATE CODE REQUIREMENTS.

**ADDITIONAL CONCRETE FLOOR FINISH NOTES:**

1. THE G.C. SHALL INSPECT THE EXIST. FLOOR PRIOR TO ANY INSTALLATION PROCEDURES & NOTIFY ACC OF ANY SERIOUS DEFECTS W/ THE EXIST. FLOOR THAT WOULD WARRANT THE INSTALLATION OF A FLOOR LEVELING COMPOUND.

2. MECHANICALLY GRIND FLOOR & EDGES W/ 50-HYBRID DIAMONDS TO BEGIN PROCESS OF PROFILING THE CONC.

3. CLEAN & PATCH FLOOR.

4. MECHANICALLY GRIND FLOOR & EDGES W/ 100-HYBRID DIAMONDS TO BEGIN THE PROCESS OF PROFILING THE CONC.

5. MASK OFF WALLS AND APPLY SCOFIELD FORMULA ONE LIQUID DYE CONCENTRATE TO FLOOR.

6. APPLY SCOFIELD FORMULA ONE LITHIUM DENSIFIER TO FLOOR.

7. MECHANICALLY GRIND FLOOR & EDGES W/ 400/800-HYBRID DIAMONDS TO BEGIN PROCESS OF POLISHING THE CONC.

8. APPLY (1) ONE COAT OF SCOFIELD CONCRETE GUARD - BURNISH FLOOR W/ 1500 GRIT DIAMOND PADS.

9. APPLY SECOND COAT OF SCOFIELD FORMULA ONE GUARD & BURNISH W/ 3000 GRIT DIAMOND PADS.

**ADDITIONAL QUARRY TILE FINISH NOTES:**

1. EDGE PROFILE @ QUARRY TILE - REFER TO DETAIL 3/A1.2

KEYNOTE TAG	KEYNOTE DESCRIPTION
SN-01	REMOVE EXISTING WINDOW AND INFILL WALL. MATCH EXISTING ADJACENT EXTERIOR WALLS TYPE AND FINISH. SEE FINISH SCHEDULE FOR INTERIOR SIDE FINISH.
SN-02	EXISTING WINDOWS TO REMAIN. SEE WINDOW SCHEDULE FOR MORE. U.N.O.
SN-03	EXISTING WALLS TO REMAIN AS IS AND PROTECTED IN PLACE. U.N.O
SN-04	10" HIGH MOLDED STONE BASIN AROUND MOP SINK - REFER TO DETAIL 4/A1.1
SN-05	PROVIDE 2" SPACING OR 8" SIDE RETURN BETWEEN SINK AND WALL.
SN-06	THE SIDE SPLASH GUARD FOR THE HAND SINK MUST BE 6" MIN. AND MUST EXTEND TO THE EDGE OF THE HAND SINK.
SN-07	THE SIDE SPLASH GUARD BETWEEN THE ONE COMP. SINK AND HAND SINK. MUST BE 6" AND MUST EXTEND TO THE EDGE OF THE HAND SINK.
SN-08	INSIDE WALLS AT ICE-MACHINE ENCLOSURE AND SINK-MOP TO BE FRP OR CERAMIC TILES
SN-09	ALL WALLS TO RECEIVE FRP ALL THE WAY UP TO THE CEILING BEYOND THIS POINT PER FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
101	CUSTOMER WAITING/SEATING	F1	F5,F7	W5,W1,W3	C1	-
104	SERVICE	F1	F4	W2,W5	C1	-
106	KITCHEN	F2	F3	W2	C1	FRP ALL UP TO CEILING
110	UNISEX RESTROOM	F6	F3	W2, W5	C1	FRP ALL AROUND UP TO 5' A.F.F
105	HALLWAY	F1	F7	W5	C1	-

**ROOM FINISH NOTES**

REFER TO SHEETS A3.0 FOR PAINT AND FINISH MATERIAL LOCATIONS COUNTERTOP TO BE QUARTZ. REFER TO CASEWORK DETAILS FOR MORE INFO.

**FINISH TYPES**

PATCH, REPAIR AND REFINISH EXISTING FOH CONCRETE FLOOR WITH NEW COLOR, EPOXY, AND ANTI-SLIP POLYURETHANE GLOSS SEAL, INSTALLED PER MANUFACTURER SPECIFICATIONS.

A. 75# TEXTURE 50 ANTI-SLIP  
B. METALLIC COLOR T.B.D  
C. POLYURETHANE HS PART A & B, EZ, CLEAR  
D. A RESIN, CLEAR TOP SHELF EPOXY PART A & B

**FLOORS**

F1) EXISTING CONCRETE SLAB TO BE DYED; COLOR:DRIFTWOOD #1395 OR T.B.D  
F2) 6x6 QUARRY TILE (HARD, SMOOTH UNDER ALL EQUIPMENT AND ABRASIVE IN WALL WALKWAYS, NON ABSORBENT)  
F3) CMC 6x12 COVE BASE, W/ GROUT (HARD, SMOOTH UNDER ALL EQUIPMENT AND ABRASIVE IN WALL WALKWAYS, NON ABSORBENT)  
F4) CMC 6x8 COVE BASE, W/ GROUT (HARD, SMOOTH UNDER ALL EQUIPMENT AND ABRASIVE IN WALL WALKWAYS, NON ABSORBENT)  
F5) 1X4 WOOD BASE - PAINT  
F6) 20"x20" CMC, W/GROUT  
F7) BURKE BASE. 6" COVED RUBBER BASE. COLOR T.B.D

**WALLS**

W1) 1X6 BC SOUTHERN YELLOW PINE 10'-12' LONG BOARDS - SANDED UP TO 220 GRIT. (1) COAT (SEMI TRANSPARENT STAIN COLOR T.B.D). (2) COATS OF MINWAX FAST DRYING POLYURETHANE CLEAR SATIN - PROVIDED & INSTALLED BY CONTRACTOR  
W2) (F.R.P.) (FIBERGLASS REINFORCED PANELING) PEBBLED FINISH - #P199, COLOR: WHITE  
W3) PLASTIC LAMINATE, MATTE SURFACE- COLOR: T.B.D  
W5) WALL SURFACE FINISH- LEVEL 03 TEXTURED FINISH- ORANGE PEEL

**PAINT SCHEDULE**

(P-1) COLOR: T.B.D., PROMAR 200 ZERO VOC SEMI-GLOSS

**CEILING**

C1) CEILING TO REMAIN AS IS ( GYPSUM BOARD PAINTED )

**FINISH FLOOR PLAN NOTES**

- ALL EXISTING EXTERIOR WALLS ARE LOAD-BEARING BRICK WALLS SHEATHED WITH 2X4 WOOD FRAMING & DRYWALL FROM THE COFFEE SHOP SIDE (INSIDE) AND STUCCO FROM THE STREET SIDE. (VERIFY IN FIELD) NOT PART OF SCOPE.
- THE CONTRACTOR SHALL UNDERCUT ALL NEW AND EXISTING DOORS 1/4" ABOVE THE TOP OF FLOOR COVERING. VERIFY EXACT THICKNESS OF ALL NEW FLOOR COVERINGS WITH ACC & ENGINEERING PRIOR TO UNDERCUTTING OF DOORS.
- ALL EXISTING WINDOWS ARE IN GOOD SHAPE AND TO REMAIN AS IS U.N.O.
- NEW WALLS ARE CALLED OUT TO BE INSTALLED PER THIS DRAWINGS AND DETAILS.
- EXISTING DOORS & HARDWARE TO BE VERIFIED IN FIELD TO MATCH THE DOORS SCHEDULE.
- NEW DOORS & HARDWARE ARE CALLED OUT IN THE DOORS SCHEDULES AND TO BE INSTALLED PER THIS DRAWINGS AND DETAILS.
- ALL FINISHES TO BE PER SPECIFIC PROJECT'S NOTES ON SHEET G-001 U.N.O.
- INTERIOR FINISHING TO BE PER ROOM FINISH SCHEDULE ON THIS SHEET.
- CONTRACTOR TO COORDINATE WITH MECHANICAL, PLUMBING, ELECTRICAL DRAWINGS PRIOR TO CLOSING WALLS & OR CUTTING ANY COMPONENTS. REFER TO PLUMBING DRAWINGS FOR ALL FLOOR SINK AND FLOOR DRAIN LOCATIONS - PREPARE AND INSTALL ALL FLOOR PENETRATIONS PER MANUFACTURER'S DETAILS - FIXTURES MUST BE CLAMPING-TYPE - USE APPROPRIATE WATERPROOF SEALANT AND FOAM BACKER TO SEAL SPACE AROUND PENETRATIONS.
- PROVIDE EXIT SIGNS AND DIRECTIONAL EXIT SIGNS WITH MINIMUM 6" HIGH BY 3/4" STROKE BLOCK LETTERS U.N.O.
- SCRAPE LOOSE WALL PAINT, REMOVE TAPE AND STAPLES FROM WALLS, PATCH HOLES, CAULK SURFACE CRACKS AND PREPARE WALLS FOR NEW PAINT.
- SEE NOTES ON SHEET G-001 FOR MORE INTERIOR CONSTRUCTION REQUIREMENTS.
- ALL AREAS TO RECEIVE MILLWORK SHALL BE FIELD MEASURED PRIOR TO CONSTRUCTION.
- ALL CABINET WORK SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE WOODWORK INSTITUTE OF CALIFORNIA AND THE LATEST EDITION OF THE "N.I.C. MANUAL OF MILLWORK", PREMIUM GRADE.
- HORIZONTAL DIMENSIONS ARE TO FINISH FACE OF WALL OR FACE OF CONCRETE UNLESS OTHERWISE NOTED. VERTICAL DIMENSIONS AND ELEVATIONS ARE TO FINISH MATERIALS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY EQUIPMENT ROUGH-IN REQUIREMENTS WITH THE EQUIPMENT MANUFACTURERS.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR OTHER SUPPORT FOR ALL FIXTURES, EQUIPMENT, CABINETRY, FURNISHINGS AND ALL OTHER ITEMS.

U.N.O : UNLESS NOTED OTHERWISE.  
P.I.P: PROTECT IN PLACE.  
V.I.F: VERIFY IN FIELD.

**ACC & ENGINEERING**  
Design | Engineering | Construction

Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. : 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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**CONTRACTOR**

**HORIZONS CONSTRUCTION**

HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA 92865  
LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA 92662  
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)  
BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY  
PLAN CHECK#PC2022-2340

1ST REVIEW SUBMITTED BY OTHERS	9/21/2022
2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

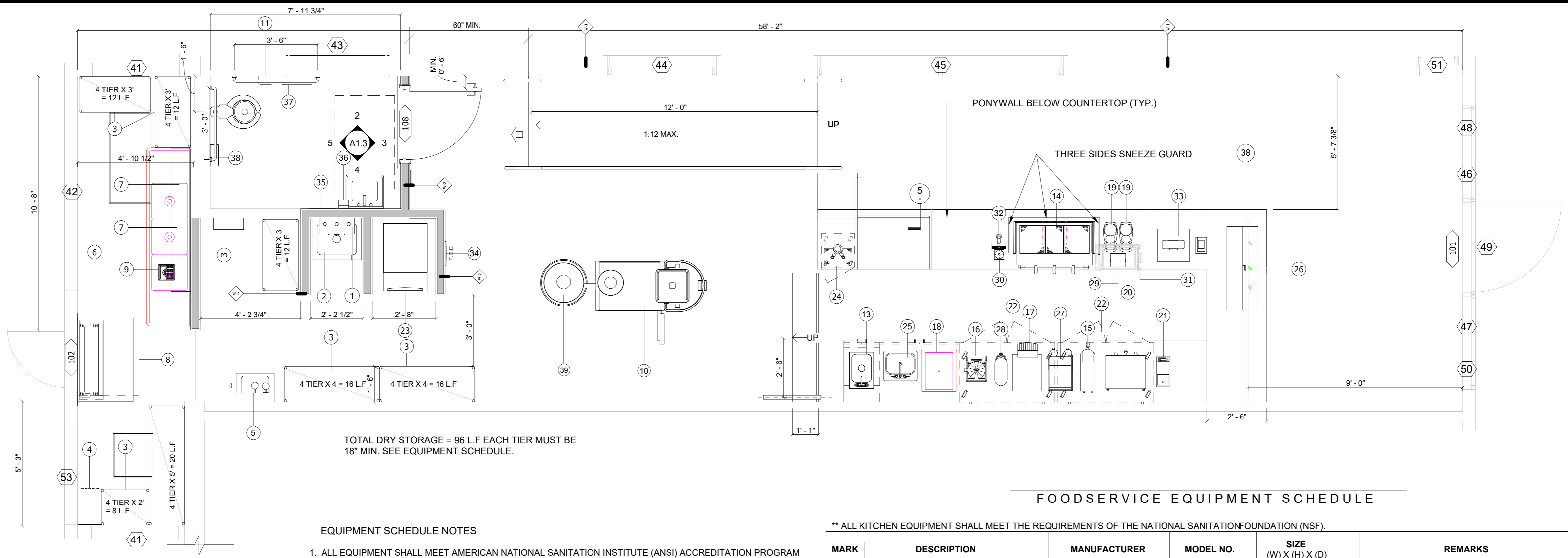
SHEET NAME  
PROPOSED FLOOR PLAN

SHEET NUMBER  
A1.1



**INTERIOR CONSTRUCTION ADDITIONAL NOTES :**

- EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, THE MANUFACTURER OR INSTALLER AND THE SAFETY-GLAZING STANDARD. ANY NEW STOREFRONT WINDOWS SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSE OF SAFETY GLAZING. (2406)
- TOILET AND BATHING ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBANT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 4 INCHES. (1210.1)
- WALLS WITHIN 2-FT. OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBANT SURFACE, TO A HEIGHT OF 4-FT. ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE. (1210.2)
- INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803.1.3., IN ADDITION SURFACE SHALL BE SMOOTH AND FREE OF TOOL MARKS & RIDGES.
- GYPSUM WALLBOARD SHALL BE 5/8" THICK, TYPE "X".
- PROVIDE MARLITE OR WATER RESISTANT GYPSUM WALLBOARD FOR TOILET ROOM WALLS THAT ARE TO BE COVERED WITH TILE. DO NOT USE WATER RESISTANT GYPSUM WALLBOARD FOR CEILINGS OR WALLS THAT ARE TO BE PAINTED.
- PROVIDE SUSPENDED CEILINGS OR FURRED OUT SURFACES WHERE REQUIRED TO CONCEAL PIPING, DUCTS, ETC. IN FINISHED ROOMS. IF CONDITIONS REQUIRE ALTERATIONS AT INDICATED CEILING HEIGHTS DUE TO STRUCTURE OR MECHANICAL REQUIREMENTS, OBTAIN APPROVAL FROM ACC & ENGINEERING PRIOR TO INSTALLING FURRING, UNLESS NOTED OTHERWISE.



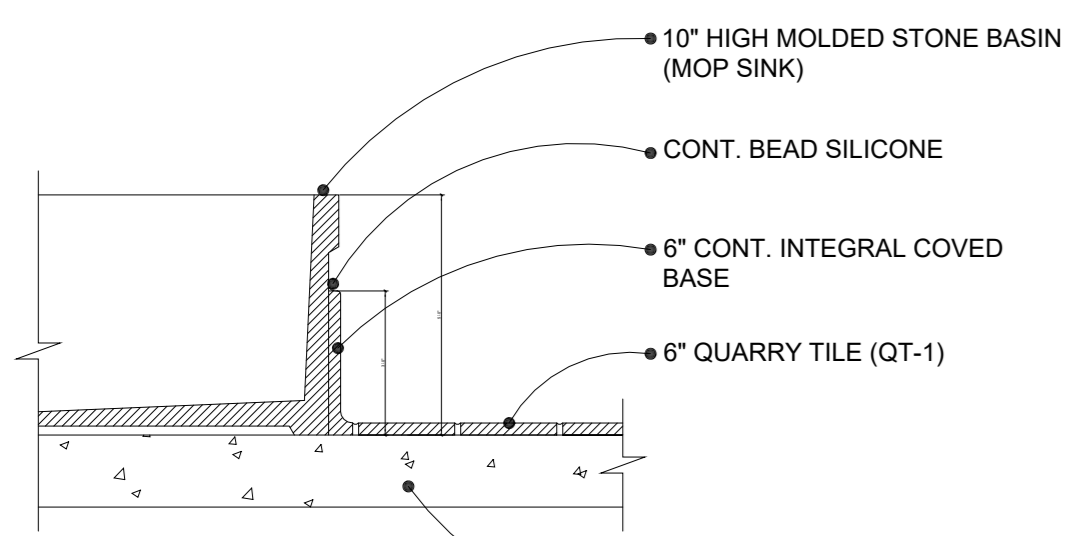
**EQUIPMENT SCHEDULE NOTES**

- ALL EQUIPMENT SHALL MEET AMERICAN NATIONAL SANITATION INSTITUTE (ANSI) ACCREDITATION PROGRAM STANDARDS FOR DESIGN AND INSTALLATION OR THE EQUIVALENT. ALL EQUIPMENT SHALL BE ON APPROVED 6" LEGS OR WHEELS.
- LIGHT FIXTURES IN FOOD PREPARATION, OPEN FOOD STORAGE AND UTENSIL WASHING AREAS ARE TO BE OF SHATTER-PROOF CONSTRUCTION OR PROTECTED AGAINST BREAKAGE THROUGH THE USE OF PLASTIC LIGHT SHIELDS OR OTHER APPROVED DEVICES.
- EXTERIOR DOOR SHALL BE SELF CLOSING AND FIT TO A MAXIMUM 1/4 INCH AT THE BASE AND SIDES.
- HAND WASHING CLEANSER AND SINGLE-USE TOWELS SHALL BE PROVIDED AT EACH HAND WASH SINK.
- PROVIDE AN ACCURATE THERMOMETER AND SANITIZER STRIPS.
- TOILET ROOMS AND DRESSING ROOM DOORS SHALL BE WELL FITTING AND SELF CLOSING.
- SEAL ALL CRACKS, CREVICES AT COUNTERS, CABINETS, AROUND METAL FLASHING, SINK BACKSPLASHES, AROUND PIPES AND CONDUITS WITH SILICONE SEALANT.
- PROVIDE AN AREA OR CABINET FOR STORAGE OF CLEANING EQUIPMENT / SUPPLIES AWAY FROM FOOD PREPARATION / STORAGE, AND UTENSIL WASHING AREA.
- A ROOM ENCLOSURE, OR DESIGNATED AREA SHALL TO BE PROVIDED WHERE EMPLOYEES MAY CHANGE AND STORE THEIR CLOTHING AND PERSONAL ITEMS.

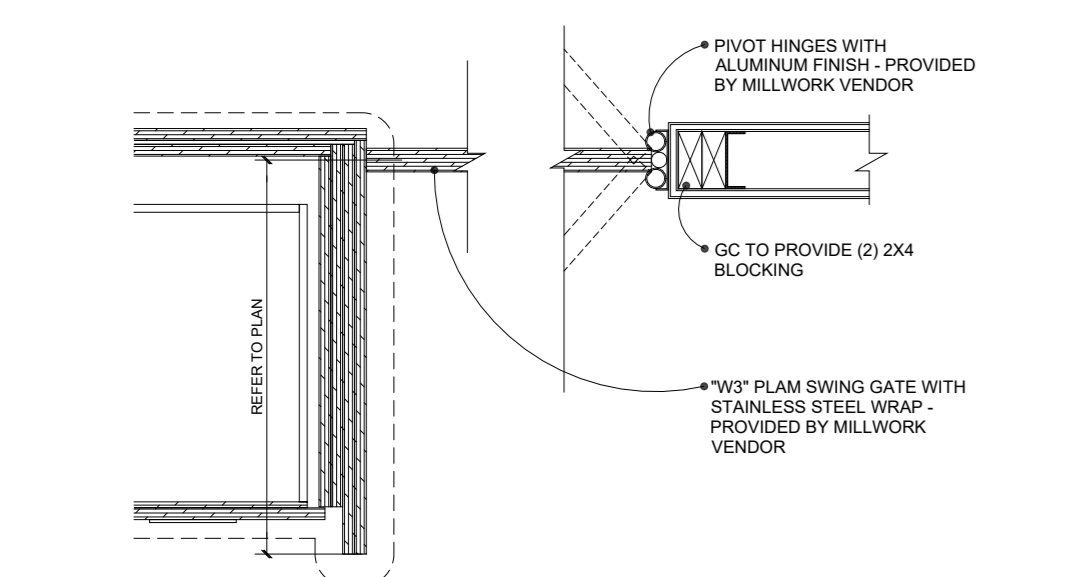
**FOODSERVICE EQUIPMENT SCHEDULE**

\*\* ALL KITCHEN EQUIPMENT SHALL MEET THE REQUIREMENTS OF THE NATIONAL SANITATION FOUNDATION (NSF).

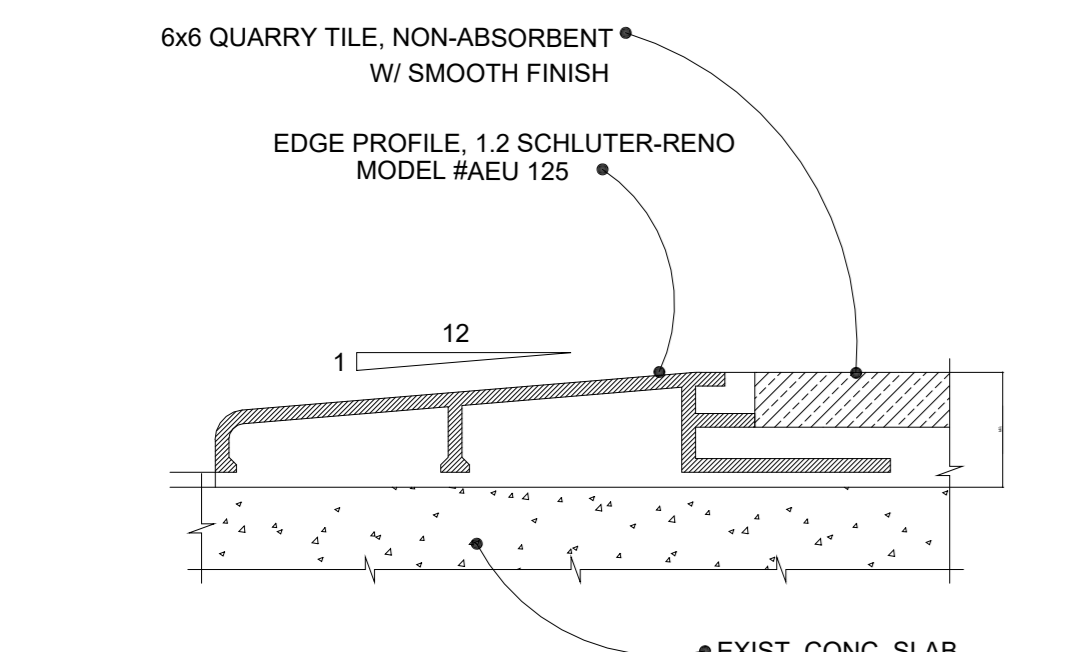
MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	SIZE (W) X (H) X (D)	REMARKS
1	TANKLESS WATER HEATER	NORITZ	GQ-C5032WF-	18.9" X 32.7" X 14.2"	SEE PLUMBING SHEETS FOR WATER HEATER CALCULATIONS & CAPACITY
2	MOP SINK, MOP RACK & SHELF	GSW	SE2024FM	24" X 14" X 21"	WITH MOP RACK & CHEMICAL SHELF
3	DRY STORAGE SHELVES ( 96 L.F )	EAGLE GROUP	4 SHELF/QT 1836-6	VARIOUS / PER PLAN	SEE PLANS FOR SIZES & TIERS / NSF APPROVED
4	LOCKERS	GSW	ELS-5DR-LOCKER	16"L x 12"W x 77"H	6TH. ADJUSTABLE LEGS
5	HAND SINK / ADA COMPLIANT	GSW	HS-0810S	W X L X H (in)	WITH SPLASH GUARD / SOAP & TOWEL DISPENSER
6	3 COMP. SINK W/ 18" DB	GSW	SE18183D	24" X 90" X 45"	D.B LEFT & RIGHT SEE PLUMBING SHEETS
7	WALL SHELF ABOVE SINK	GSW	WS-W1424	36" W X 10" D	OR EQUAL
8	AIR CURTAIN	MARS CURTAIN	LPN236-1U LoPro		UN-HEATED (NSF APPROVED - TO 8' IN HEIGHT)
9	FLOOR SINK	REFER TO PLUMBING			REFER TO PLUMBING SHEETS
10	ROASTER EQUIPMENT	DIETRICH ROASTERS	IR-12	56.25" X 48 1/8" X 75.5"	INSTALLATION PER MANUFACTURER.
12	BACK QUARTZ COUNTERTOP	WILSONART	T.B.D	PER PLAN	PER PLAN & CASEWORK NOTES
13	DROP-IN HAND SINK	JOHN BOOS	PB DISINK D1405 -PSSLR	14" X 10" X 5"	DECK MOUNT FAUCET & SIDE SPLASH L & R/SEE PLUMBING SHEETS
14	ESPRESSO MACHINE	BLACK EAGLE 3 GROUP	VICTORIA ARDUINO	43" X 20" X 28"	SNEEZE GLASS GUARD BY GC
15	HOT WATER DISPENSER	CURTIS	63 - WB5NB	7.50" X 25.75" X 24.38"	5.0 GALLON NARROW DISPENSER WITH AERATION
16	BLENDER	VITAMIX COMMERCIAL	36019	8.5" X 18" X 10.7"	HEIGHT WITH LID OPEN: 24.5 IN.
17	TOASTER - CONVEYOR WARMING	WARING COMMERCIAL	CTS1000	15.5" X 13.5" X 18.5"	PRODUCT DATA SHEET ATTACHED REF - A-2
18	DROP-IN ICE BIN	ADVANCE TABCO	22"LX18"W	18" X 14" X 21"	UP-MOUNT OE EQUAL
19	MALKONIG COFFEE GRINDER	MALKONIG	EK43	9" X 32" X 16"	MOUNTING PER MANUFACTURER
20	COFFEE BREWER	CURTIS TWIN	G4PT1T10A3100	20.07" X 24.98" X 20.75"	TWIN COFFEE BREWER WITH 1.0 GALLON TXSG0101S800 WITHOUT BASE
21	MYTHOS COFFEE GRINDER	MYTHOS	CLIMA PRO MODEL ONE	7.6" X 20.1" X 15.8"	
22	UNDERCOUNTER REFRIGERATOR	TRUE	TUC-48	48.1" X 35.9" X 30.01"	5" CASTORS
23	ICE MACHINE	MANITOWOC	IT0620	22.00" x 71.50" x 34"	HEIGHT INCLUDES ADJUSTABLE BIN LEGS 6.00"
24	KEGERATOR - 2 TAP	EDGESTAR	KC2000TWIN	20" X 33.5" X 24.75"	KEGERATOR FRIDGE UNDERCOUNTER FAUCET THRU COUNTERTOP
25	SINGLE BOWL DROP IN SINK	ADVANCE TABCO	SS-1-1715-10	17" X 15"	10" BOWL DEPTH / SEE PLUMBING SHEETS
26	DISPLAY CASE	CAL-MIL	3695-84 SIERRA	42" x 23" x 17"	CLEAR PLASTIC PANELS FOR VISIBILITY/NO GLASS
27	TURKISH COFFEE MACHINE	ARZUM	OKKA	9" X 11"	AUTOMATIC COFFEE MACHINE / NSF LISTED
28	ICE TEA DISPENSER	BUNN - TDO-N-3.5	39600.0001	6.25" X 21.6" X 13.5"	NSF LISTED
29	KNOCK BOX	BARISTA BASICS	BB25102	6" x 5.5" x 4"	OPEN BOTTOM FOR PASSING GROUNDS STRAIGHT THROUGH TO UNDER-COUNTER DISPOSAL
30	PITCHER RINSER	BARISTA BASICS	EPPR715	7"W X 15" D	NSF APPROVED
31	UNDER-COUNTER TRASH CONTAINER	AMERICAN SPECIALITIES	825	30" HEIGHT	TO WALL
32	DROP IN GLASS FILLING STATION	GSW	AA-HS1214	12"X14"X3"	AA-HS157 FAUCET INCLUDED
33	ORDER TERMINAL / P.O.S.				
34	RECESSED FIRE EXTINGUISHER CABINET	JL INDUSTRIES	COSMIC - 5E	11.5" X 25" X 5.5"	RECESSED "ADAC" HANDLE / 5 LBS
35	RECESSED PAPERTOWEL DISPENSER	BOBRICK	B-35903	13" X 18-15/16" X 3-5/8"	ADA MOUNTING HEIGHT PER SHEET A1.3
36	BOBRICK SOAP DISPENSER	BOBRICK	B-2111	4-3/4" X 8-1/8" X 2-3/4"	ADA MOUNTING HEIGHT PER SHEET A1.3
37	BOBRICK TOILET TISSUE, WASTE REC. & SEAT COVER	BOBRICK	B-30919	28" X 14" X 4.25"	ADA MOUNTING HEIGHT PER SHEET A1.3
38	ESPRESSO MACHINE SNEEZE GUARD	HATCO CORPORATION	EP5 - 48	48" X 25" X 18"	OR EQUAL.
39	CYCLONE - FILTRATION MACHINE	DIEDRICH ROASTERS	IR-12 AUTO	21" X 25" X 9"	INSTALLATION PER MANUFACTURER



**4 MOP SINK BASE DETAIL**  
N.T.S



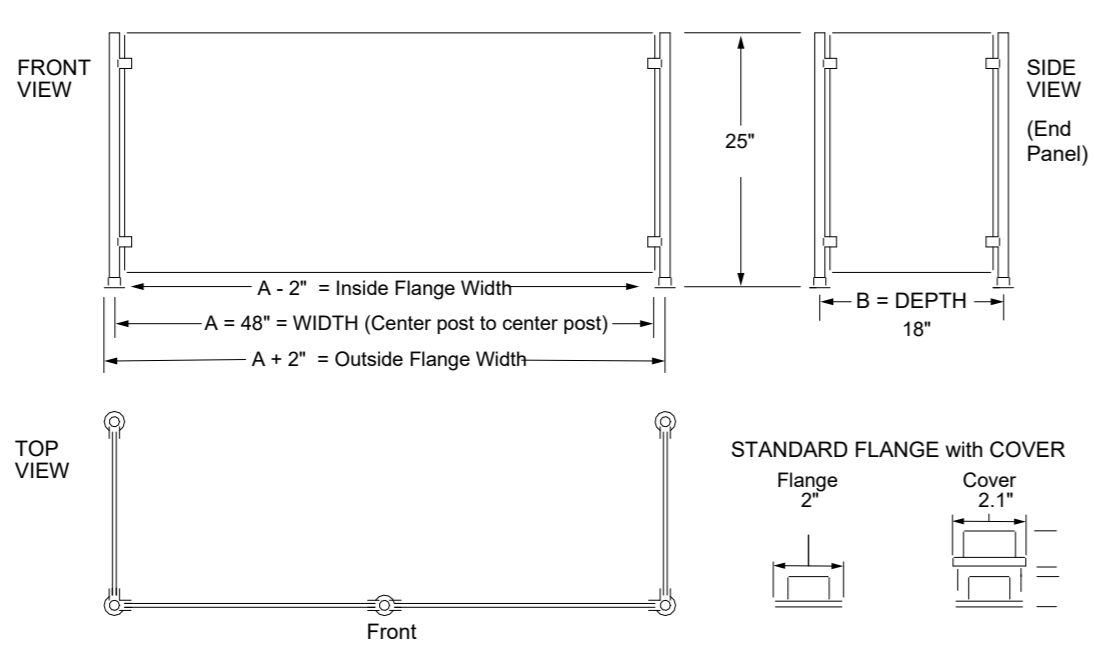
**5 TYPICAL SWING GATE DETAIL**  
N.T.S



**3 TYP. EDGE PROFILE DETAIL**  
N.T.S

**NOTES:**

- VERIFY DEMISING WALLS ARE FULL HEIGHT TO DECK - NOTIFY E.O.R OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- PROVIDE MOISTURE RESISTANT GYP. BD. AT WET AREAS
- INSTALL GYP. BD. CONTROL JOINTS AS NEEDED TO PREVENT CRACKING
- PROVIDE FINISHES PER ROOM FINISH SCHEDULE



**SPECIFICATIONS**  
2" LONG #8 COUNTER SINK SCREWS ARE RECOMMENDED FOR INSTALLATIONS ON MOST SURFACES. THE SNEEZE GUARD SHALL HAVE 1" DIAMETER SAE 304 BRUSHED STAINLESS STEEL POSTS, 2" DIAMETER STAINLESS STEEL FINISH FLANGES WITH FLANGE COVER. 0.25" THICK TEMPERED GLASS CONSTRUCTION WITH 0.75" RADIUS CORNERS AND FLAT POLISHED EDGES. GLASS FACE PANEL, TWO 18" DEEP GLASS END PANELS.

**2 ESPRESSO COUNTER SNEEZE GUARD**  
N.T.S



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. : 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA 92665  
LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA 92662  
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY  
PLAN CHECK#RPC2022-2340

NO.	REVISION	DATE
1ST REVIEW SUBMITTED BY OTHERS		9/21/2022
2ND REVIEW SUBMITTED BY OTHERS		10/20/2022
3RD REVIEW BY ACC & ENGINEERING		03/10/2023

SEAL / STAMP



SHEET NAME  
PROPOSED EQUIPMENT PLAN

SHEET NUMBER  
A1.2

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**CONTRACTOR**



**HORIZONS CONSTRUCTION**  
432 w Meats Avenue Orange, CA  
92865  
LIC#825022

PROJECT NAME LOCATION OWNER

**DEL MAR ROASTER EPS**  
3348 E COAST HWY CORONA DEL MAR CA  
92652  
**YAHYA SHANNAK**

**AUTHORITY HAVING JURISDICTION (AHJ)**

**BUILDING DIVISION | CITY OF NEWPORT BEACH**

**REVISIONS HISTORY**  
PLAN CHECK#PC2022-2340

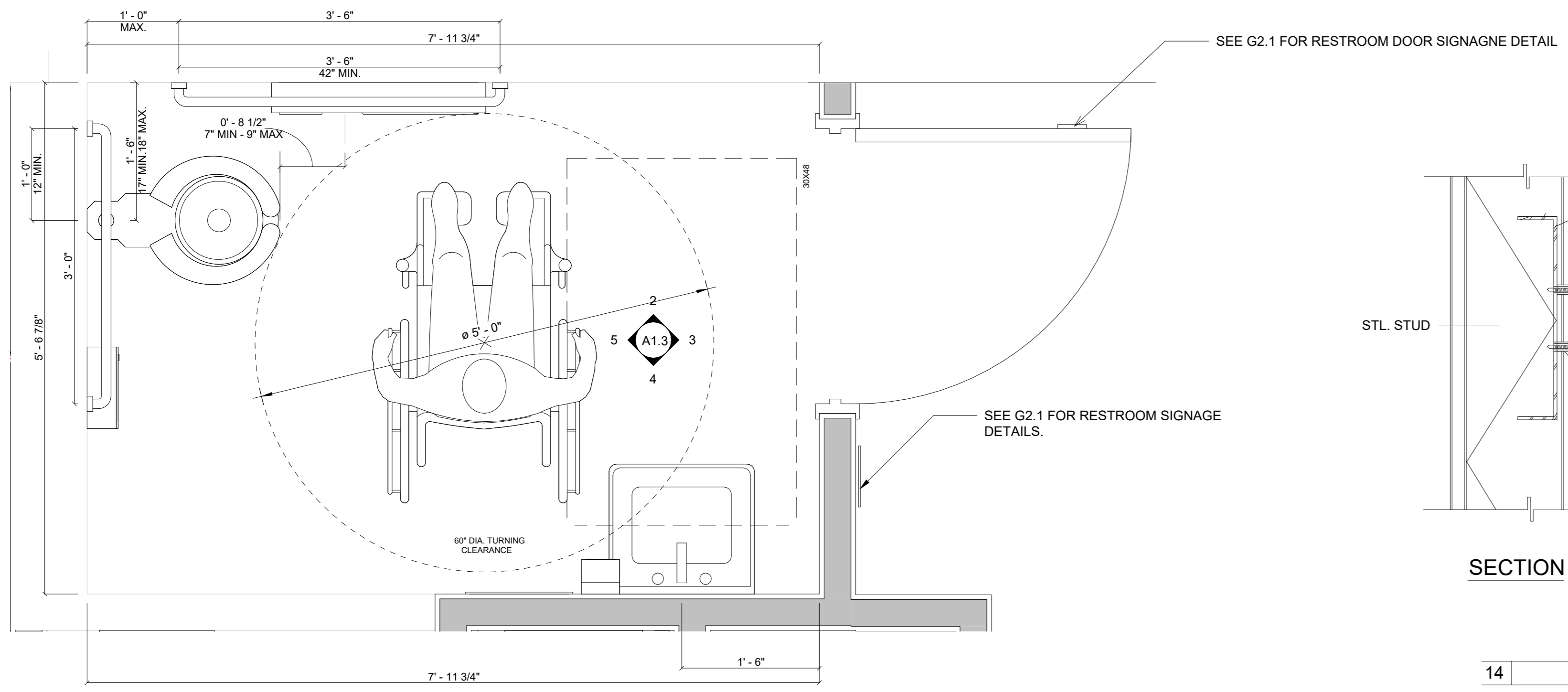
NO.	REVISION	DATE
1ST REVIEW SUBMITTED	BY OTHERS	9/21/2022
2ND REVIEW SUBMITTED	BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING		03/10/2023

**SEAL / STAMP**

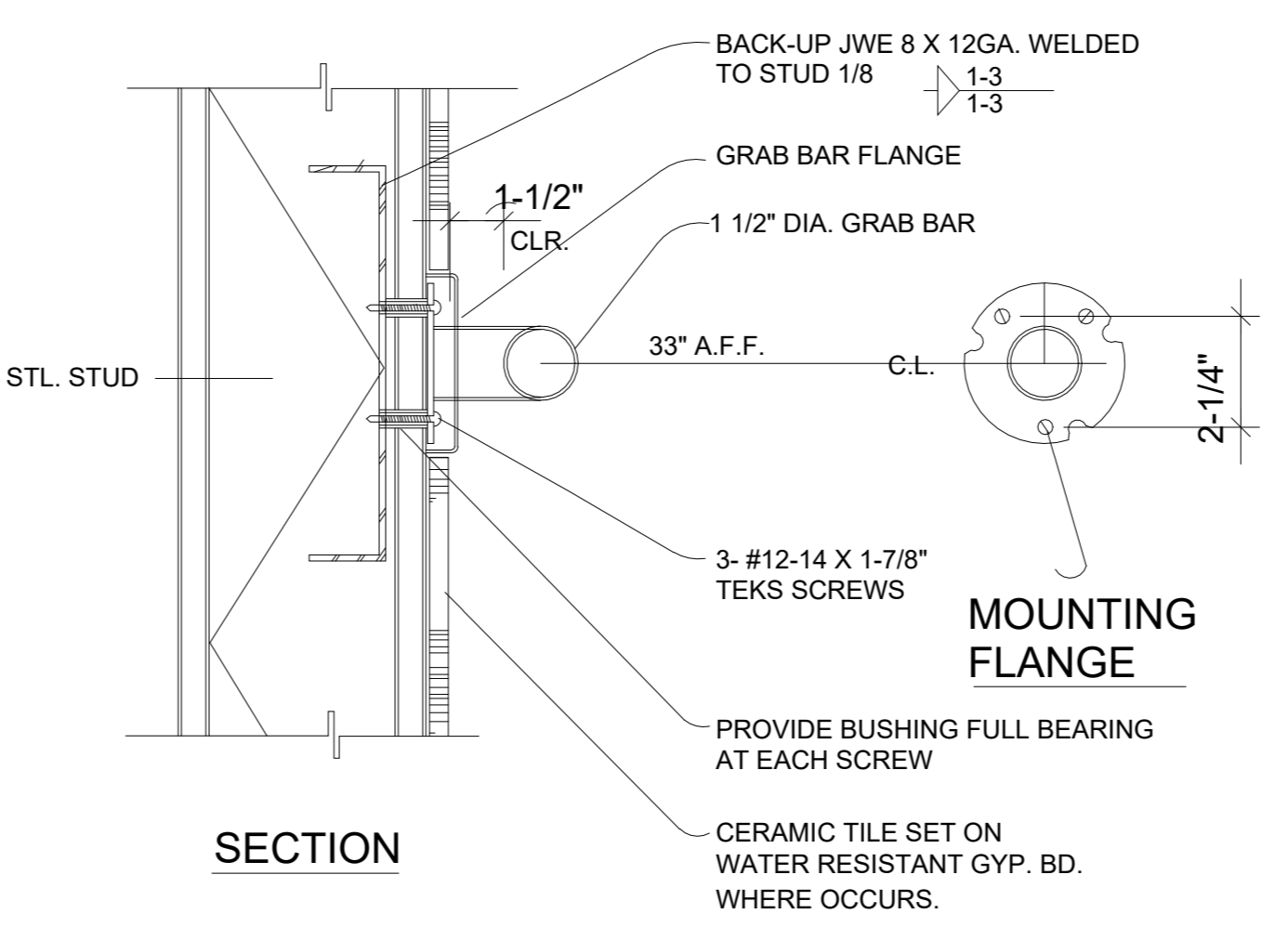


**SHEET NAME**  
**ENLARGED UNISEX BATHROOM**

**SHEET NUMBER**  
**A1.3**



**1 ENLARGED UNISEX BATHROOM**  
1" = 1'-0"



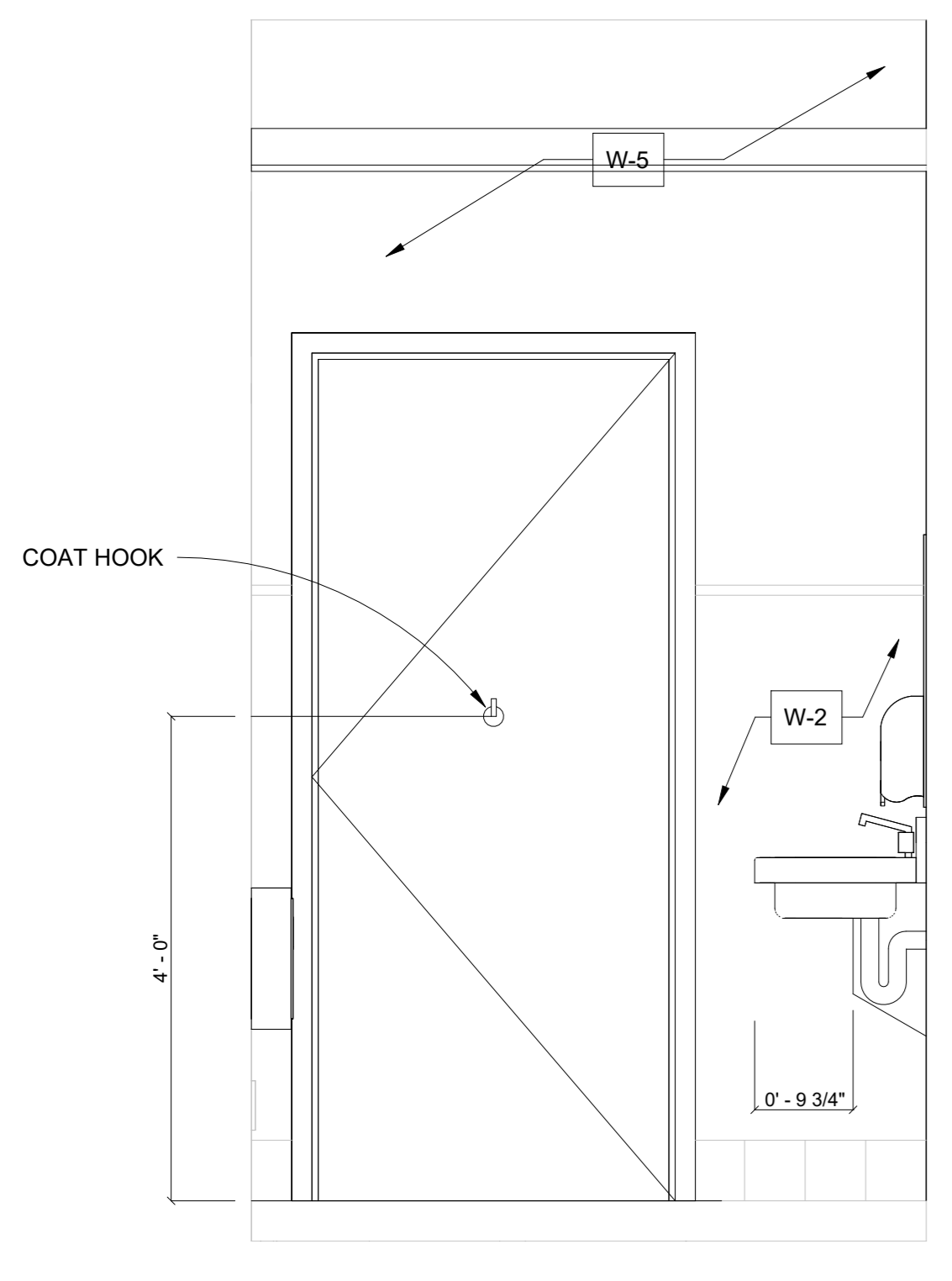
**14 GRAB BAR DETAIL**  
N.T.S.

**RESTROOM NOTES**

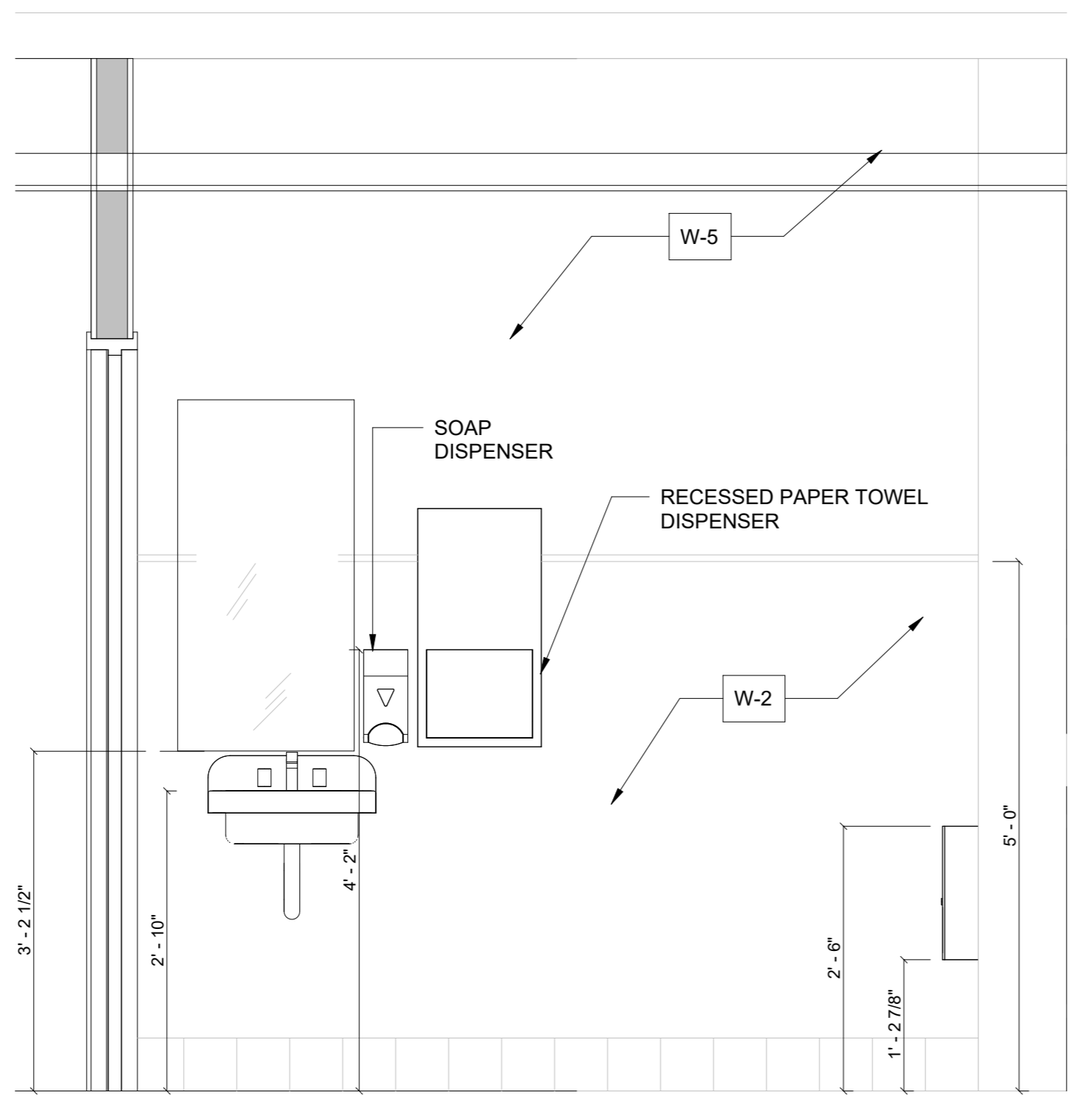
- TOILET ROOMS SHALL BE VENTED TO THE OUTSIDE AIR BY MEANS OF AN OPENABLE, SCREENED WINDOW, AN AIR SHAFT, OR A LIGHT-SWITCH-ACTIVATED EXHAUST FAN, CONSISTENT WITH THE REQUIREMENTS OF LOCAL BUILDING CODES.
- PROVIDE ALL-GENDER RESTROOM ROOM AND DOOR SIGN. REFER TO SHEET G2.1 FOR DETAILS.
- COAT HOOK TO BE MOUNTED 48" MAX. AS SHOWN ON ELEVATION #03/A1.3.
- ALL PLUMBING FIXTURES & PLUMBING ACCESSORIES TO BE ADA COMPLIANT. SEE PLUMBING DETAILS FOR FIXTURES TYPES & INSTALLATION DETAILS.
- RESTROOM WALL FINISHES PER ROOM FINISH SCHEDULE SHEET A1.2, LOWER PORTION OF THE WALL TO RECEIVE FRP WATER-PROOF.
- 6" HEIGHT COVED BASE IS MANDATORY AT ALL RESTROOM WALLS.
- RESTROOM FLOOR TO BE CERAMIC TILES PER ROOM FINISH SCHEDULE SHEET A1.2.
- REFER TO G2.1 FOR ACCESSIBLE RESTROOM DETAILS.

	A
TOILET CENTERING FROM WALL	17"-18"
TOILET SEAT HEIGHT	17"-19"
GRAB BAR HEIGHT (SIDE)	33"
TOILET PAPER IN FRONT OF TOILET	12" MAX
	DIMENSIONS TO TOP OF SEAT
NAPKIN DISPOSAL IN FRONT OF TOILET DISPENSER OR MIRROR HEIGHT	17" MAX
LAVATORY/SINK TOP HEIGHT	40" MAX
LAVATORY/SINK KNEE CLEARANCE	34" MAX
LAVATORY/SINK KNEE CLEARANCE	29" MAX
URINAL LPF HEIGHT	17" MAX
URINAL FLUSH HANDLE HEIGHT	44" MAX
DRINKING FOUNTAIN BULLER HEIGHT	36" MAX
DRINKING FOUNTAIN KNEE CLEARANCE	27" MAX
RAMP/STAIR HANDRAIL HEIGHT	34"-36"

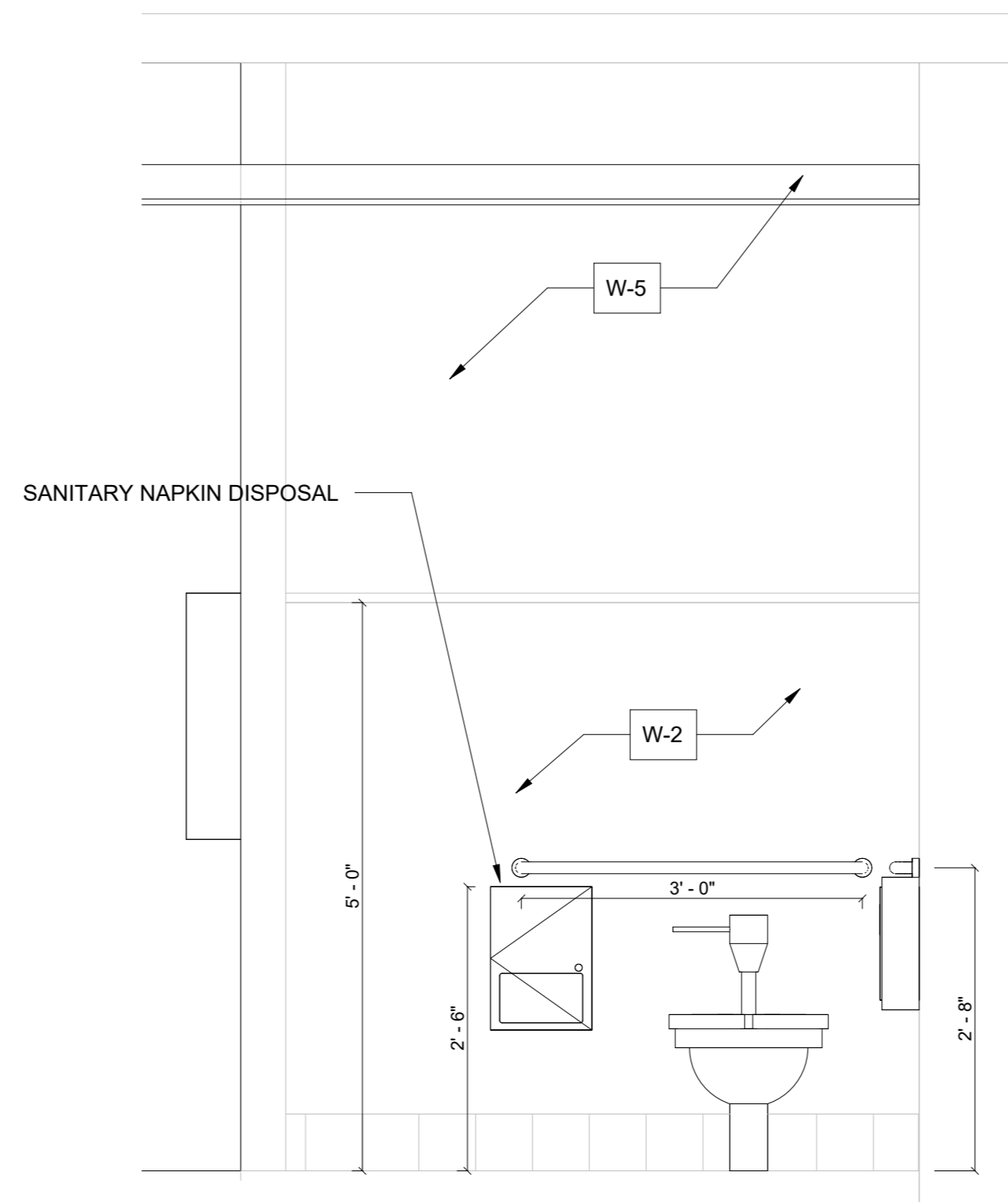
\* DEVIATES FROM CODE REQUIREMENTS AND REQUIRES A WRITTEN FINDING OF HARSHIP  
A=ADULT DIMENSIONS (AGE 12 AND OVER)



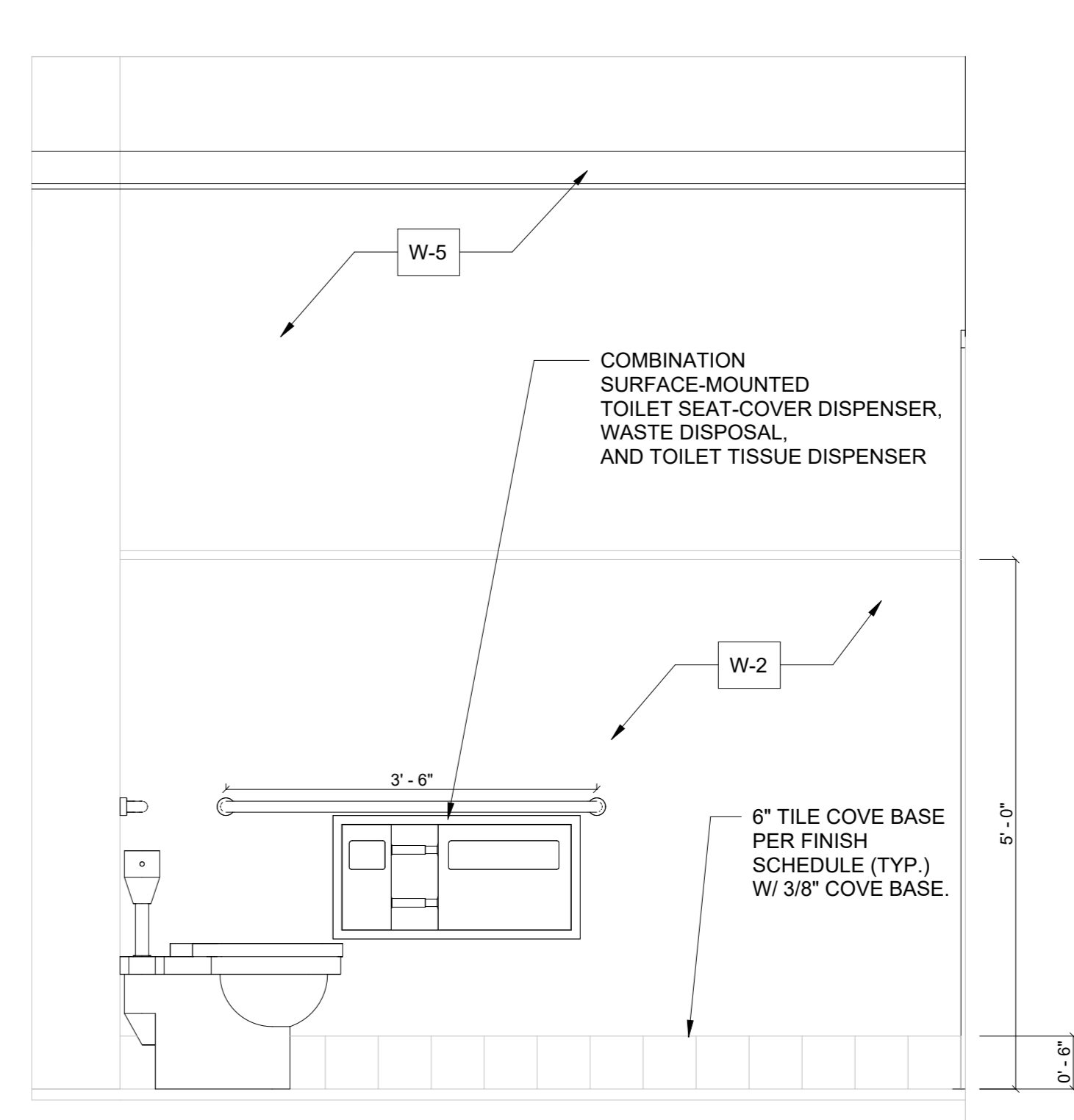
**3 ELEVATION - B**  
3/4" = 1'-0"



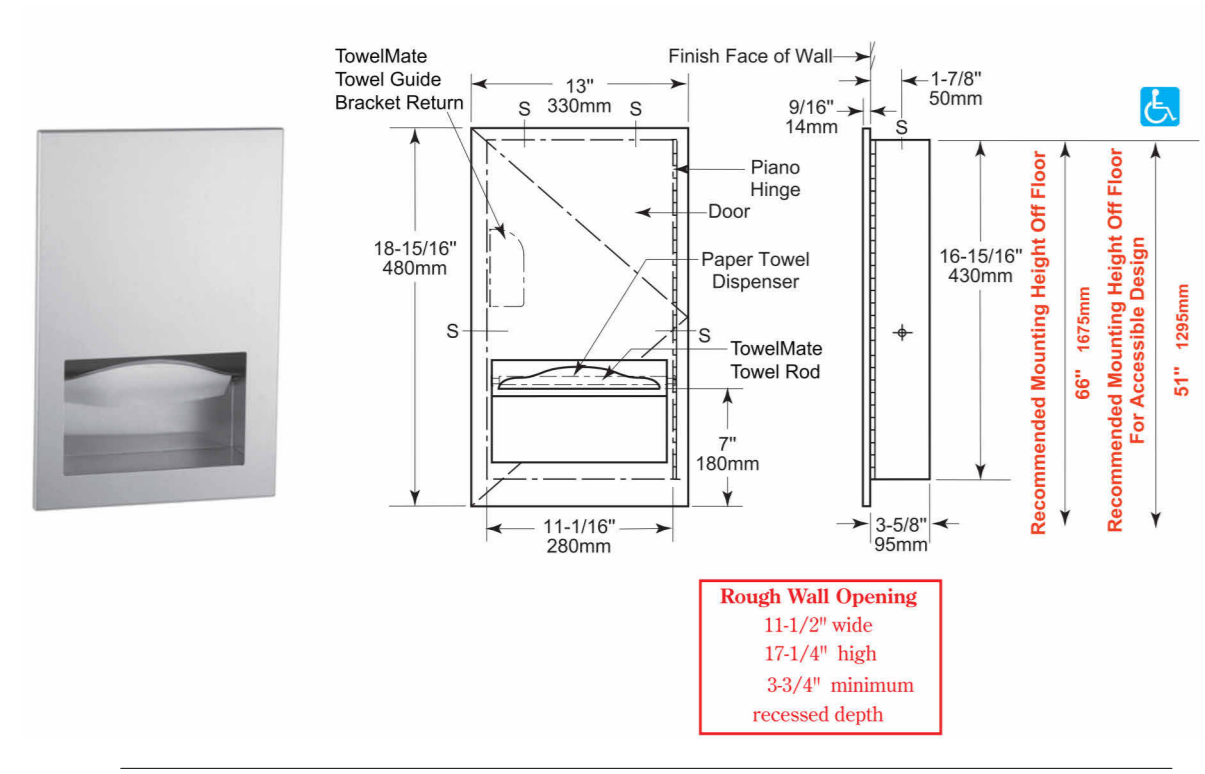
**4 ELEVATION - C**  
3/4" = 1'-0"



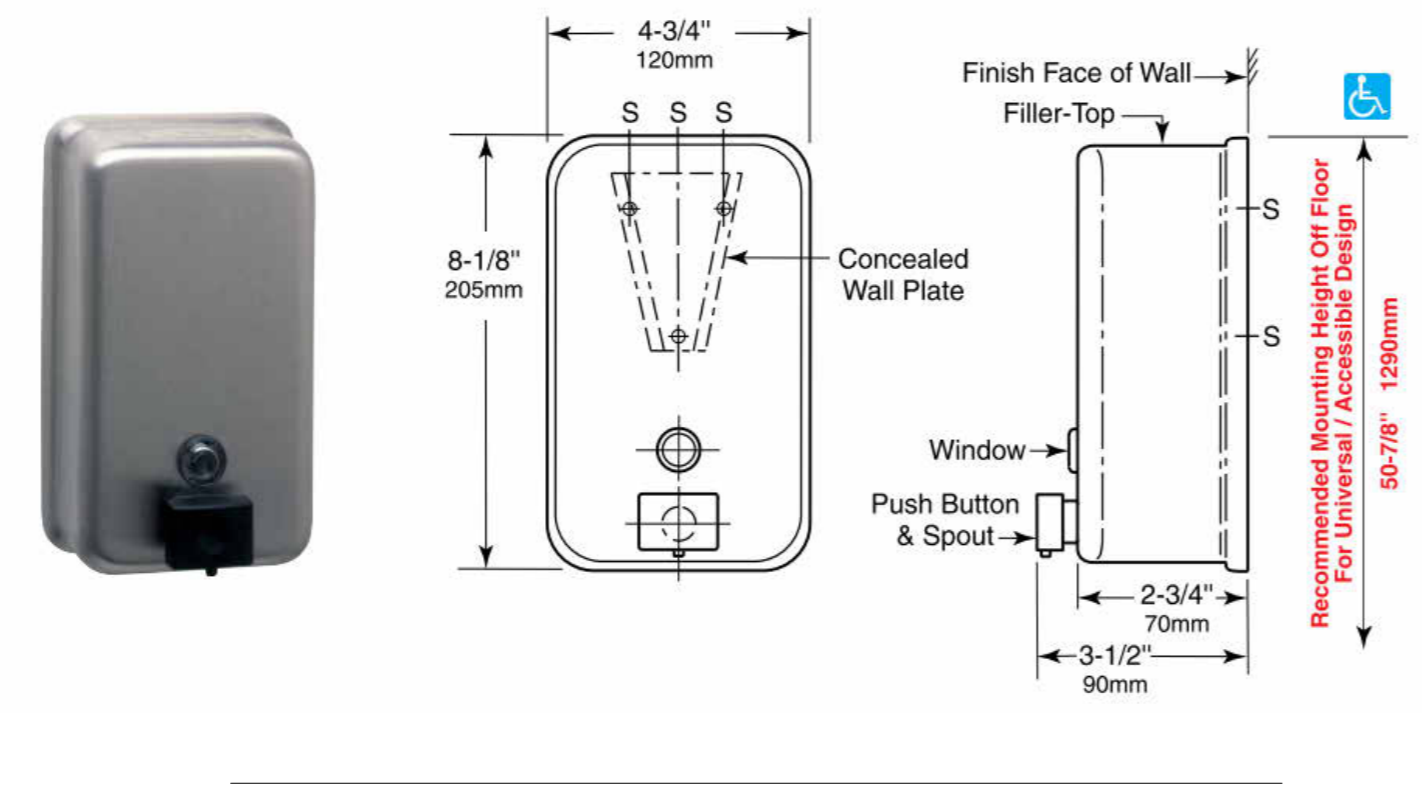
**5 ELEVATION - D**  
3/4" = 1'-0"



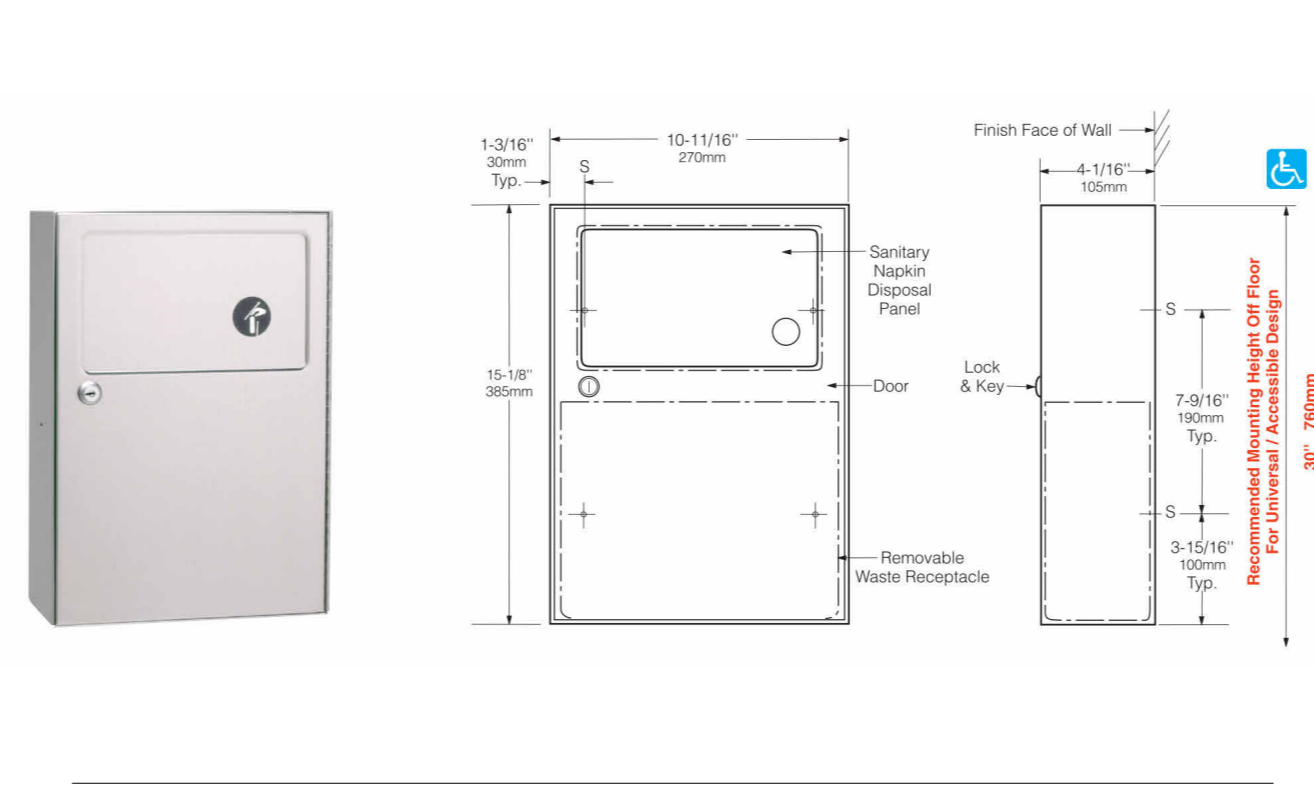
**2 ELEVATION - A**  
3/4" = 1'-0"



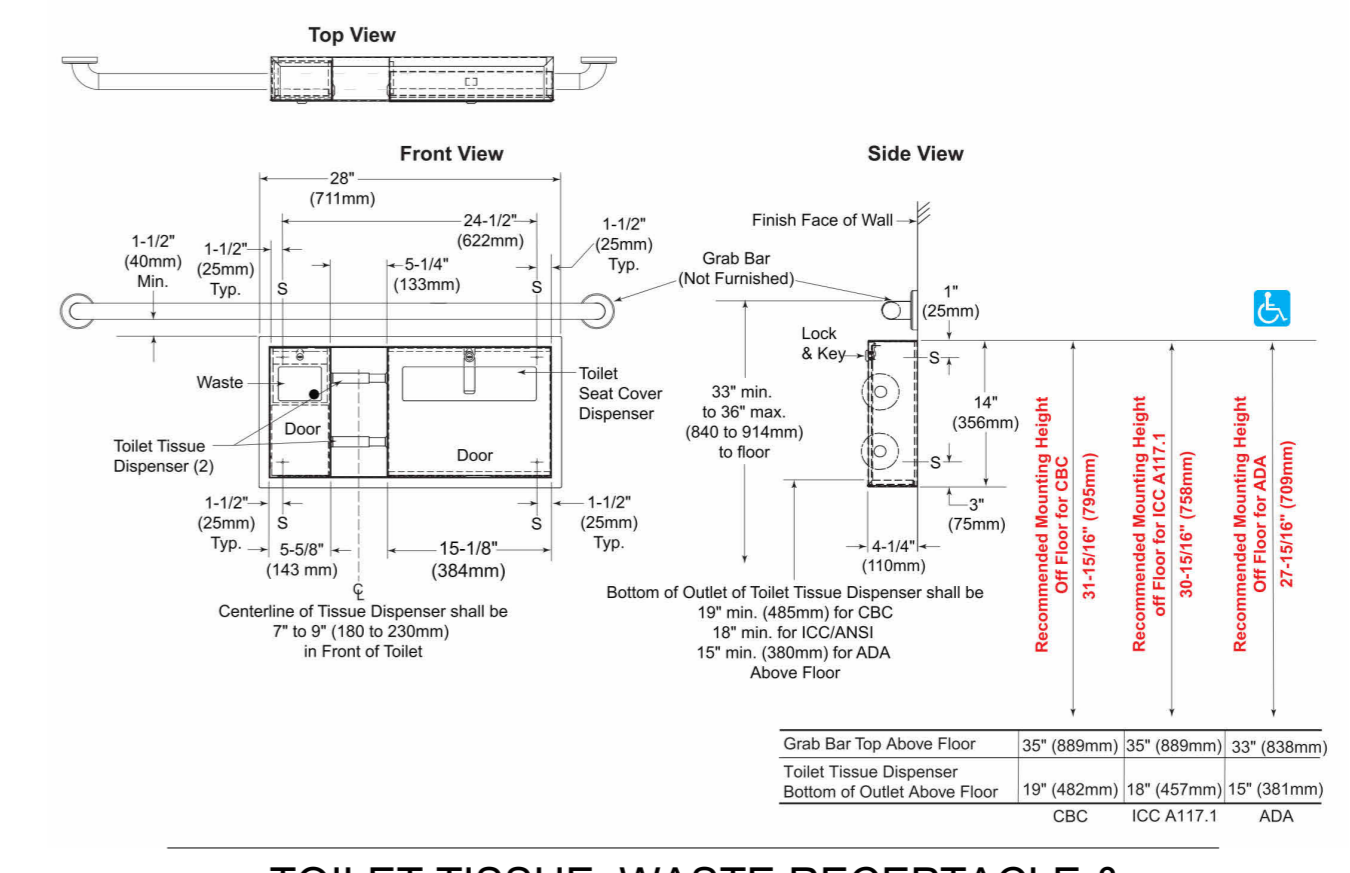
**RECESSED PAPER-TOWEL DISPENSER**  
N.T.S.



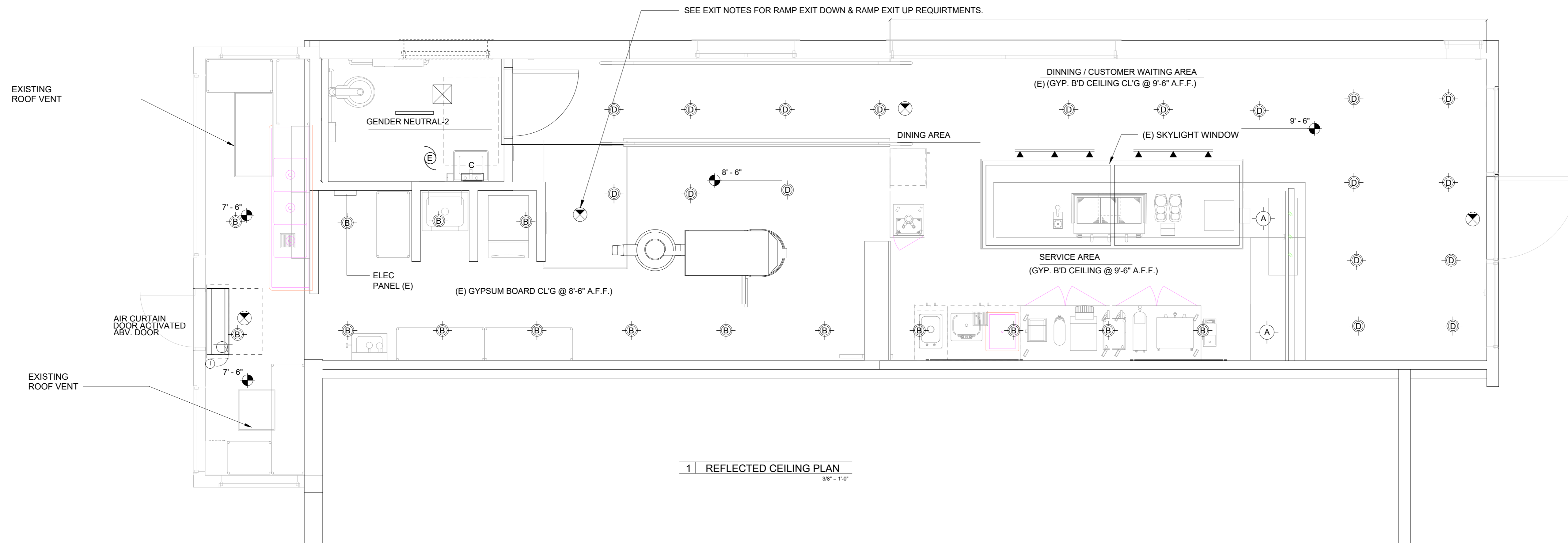
**SURFACE MOUNTED SOAP DISPENSER**  
N.T.S.



**SURFACE MOUNTED SANITARY NAPKINS DISPENSER**  
N.T.S.



**TOILET TISSUE, WASTE RECEPTACLE & SEAT COVER DISPENSER**  
N.T.S.



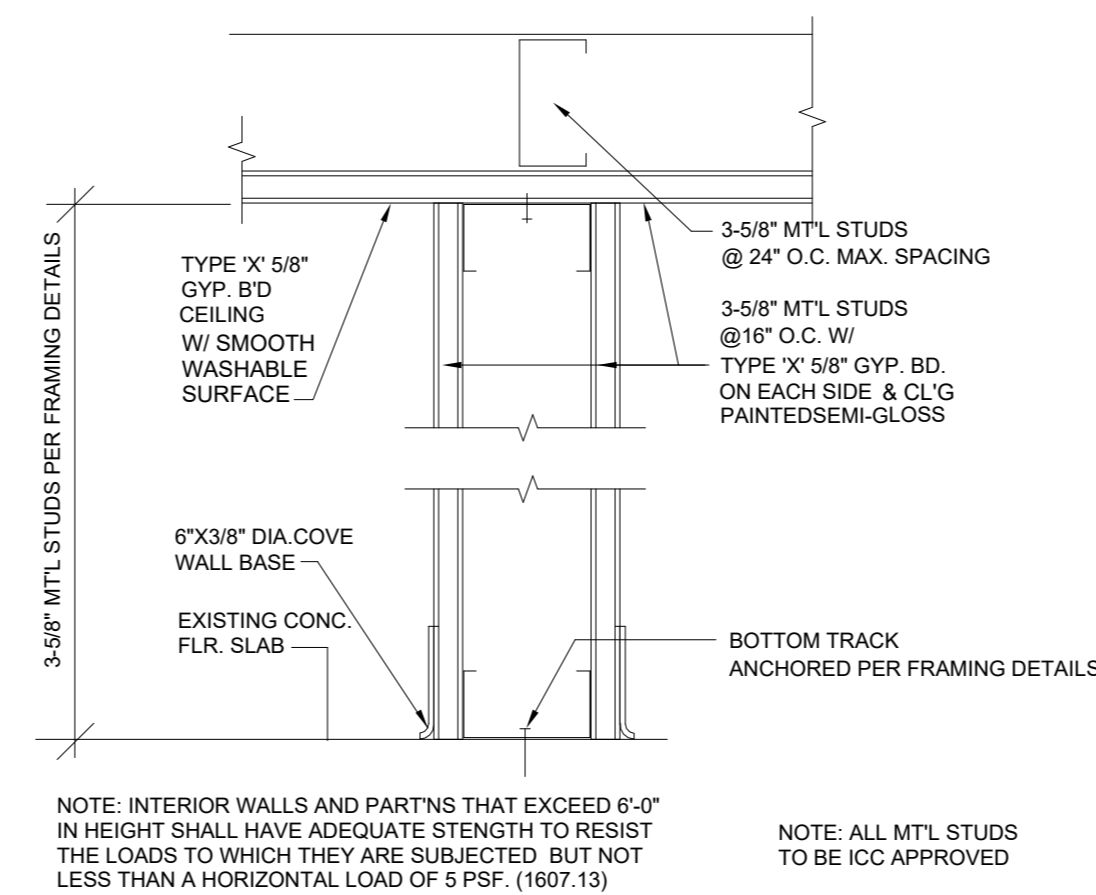
1 REFLECTED CEILING PLAN  
3/8" = 1'-0"

**EXITING & EGRESS NOTES**

- EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED.
- EXIT SIGNS ILLUMINATED BY AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (54 LUX).
- INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER INSTRUCTIONS AND SECTION 2702. 1013.5
- EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. 1013.3
- EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS. 1013.6.3
- EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. SEE 1010.1.9.3 FOR EXCEPTIONS.
- DOOR HANDLES, LOCK, AND OTHER OPERATING DEVICES SHALL BE INSTALLED AT A MINIMUM OF 34" AND A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR.
- THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED.
- ALL EGRESS DOOR OPERATION SHALL ALSO COMPLY WITH SECTION 1010.1.9 & 1010.1.9.12.
- THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
- THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOTCANDLE AT THE WALKING SURFACE.
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
  - AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
  - CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE 2 OR MORE EXITS.
  - EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE MORE THAN TWO OR MORE EXITS.
  - INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1028.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
  - EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1010.1.6, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

**EXIT SIGNS SPECIFICATIONS**

- PROVIDE EXIT SIGNS AND DIRECTIONAL EXIT SIGNS WITH MINIMUM 6" HIGH BY 3/4" STROKE BLOCK LETTERS ON A CONTRASTING BACKGROUND TO COMPLY WITH THE CBC.
- EXIT SIGNS SHALL BE ELECTRICALLY ILLUMINATED AND ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES IN THE EVENT OF FAILURE OF THIS SYSTEM. ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. EMERGENCY LIGHTING SHALL GIVE A VALUE OF ONE FOOT CANDLE AT FLOOR LEVEL.
- A TACTILE EXIT SIGN WITH THE WORD "EXIT" SHALL IDENTIFY EACH GRADE LEVEL EXTERIOR EXIT DOOR PER CBC.
- TACTILE EXIT SIGNS REQUIRED BY THE CBC NEED NOT BE PROVIDED WITH ILLUMINATION.
- TACTILE EXIT SIGNS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:
  - EACH GRADE LEVEL EXTERIOR EXIT DOOR THAT IS REQUIRED TO COMPLY WITH THE CBC SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT"
  - EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH THE CBC AND THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
    - "EXIT STAIR DOWN"
    - "EXIT RAMP DOWN"
    - "EXIT STAIR UP"
    - "EXIT RAMP UP"
  - EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH THE CBC THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE THAT DOES NOT UTILIZE A STAIR OR RAMP, OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE"
  - EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA THAT IS REQUIRED TO COMPLY WITH THE CBC SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD, "EXIT ROUTE"
  - EACH EXIT DOOR THROUGH A HORIZONTAL EXIT THAT IS REQUIRED TO COMPLY WITH THE CBC SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "TO EXIT"
  - ELECTRICALLY POWERED, SELF-LUMINOUS AND PHOTOLUMINESCENT EXIT SIGNS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES.



14 GYPSUM BOARD CEILING DETAIL  
N.T.S.

**REFLECTED CEILING LEGEND**

SYMBOL	DESCRIPTION
	EXIST'G BLD'G SKYLIGHT GLASS WINDOW @ 9'-0" A.F.F.
	EXIST'G BLD'G STD GYP. B'D CEILING (UNLESS NOTED OTHERWISE) <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">14 A2.0</span>
	NEW 48" LENGTH LITHONIA SURFACE MTD FLUOR. MINI-STRIP @ 9'-6" A.F.F. 56 WATTS X 5 FIXTURES= 280 TOTAL WATTS.
	NEW PROGRESS LIGHTING LED PENDANT @ 7'-0" A.F.F. 9 WATTS X 4 FIXTURES= 36 TOTAL WATTS.
	NEW 6" DIA. L.E.D. RECESSED DOWNLIGHT
	NEW 6" DIA. L.E.D. SURFACE MTD DOWNLIGHT @ APPROX. 8'-6" A.F.F.
	NEW WAC CHARGE 8010 TRACK HEAD EACH BULB 11 WATTS X 30 = 330 TOTAL WATTS (ELEC. ENGR TO VERIFY)
	NEW TRACK SURFACE MTD TO CLG WATTS/LF = 30 LIN. FT.= TOTAL WATTS (ELEC. ENGR TO VERIFY)
	NEW ADELAIDE VANITY LIGHT @ 7'-0" A.F.F. 75 WATTS X 1 FIXTURE= 75 TOTAL WATTS.
	EXIST'G BUILDING STANDARD RECESSED EXHAUST FAN ACTIVATED BY LIGHT SWITCH.
	EXIST'G BLD'G STD CEILING MOUNTED ILLUMINATED EXIT SIGN WITH A 90 MINUTE EMERGENCY BATTERY BACKUP SYSTEM. PROVIDE DIRECTIONAL ARROWS AS REQUIRED.
	EXIST'G 12"x12" RECESSED CL'G MTD HVAC SUPPLY DIFFUSER TO REMAIN THAT COMPLIES WITH THE CALIFORNIA MECH. CODE. MAKEUP AIR IS PROVIDED AT THE SAME RATE OF THAT EXHAUSTED VIA LIGHT SWITCH ACTIVATED EXHAUST FAN.



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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**CONTRACTOR**



HORIZONS CONSTRUCTION  
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92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA  
92652  
YAHYA SHANNAK

**AUTHORITY HAVING JURISDICTION (AHJ)**

BUILDING DIVISION | CITY OF NEWPORT BEACH

**REVISIONS HISTORY**

NO.	DESCRIPTION	DATE
1ST REVIEW SUBMITTED BY OTHERS		9/21/2022
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3RD REVIEW BY ACC & ENGINEERING		03/10/2023

**SEAL / STAMP**



SHEET NAME  
REFLECTED CEILING PLAN

SHEET NUMBER

A2.0



Design | Engineering | Construction

Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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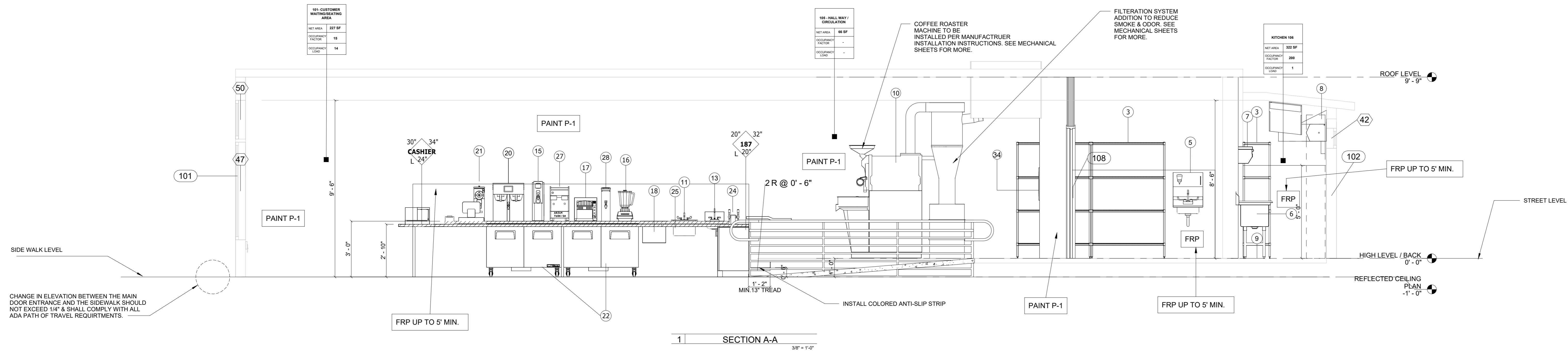
SHEET NAME  
INTERIOR ELEVATIONS

SHEET NUMBER  
A3.0

181- CUSTOMER WAITING/SEATING AREA
NET AREA 227 SF
EQUIPMENT FACTOR 15
OCCUPANCY LOAD 14

185- HALLWAY / CIRCULATION
NET AREA 68 SF
EQUIPMENT FACTOR -
OCCUPANCY LOAD -

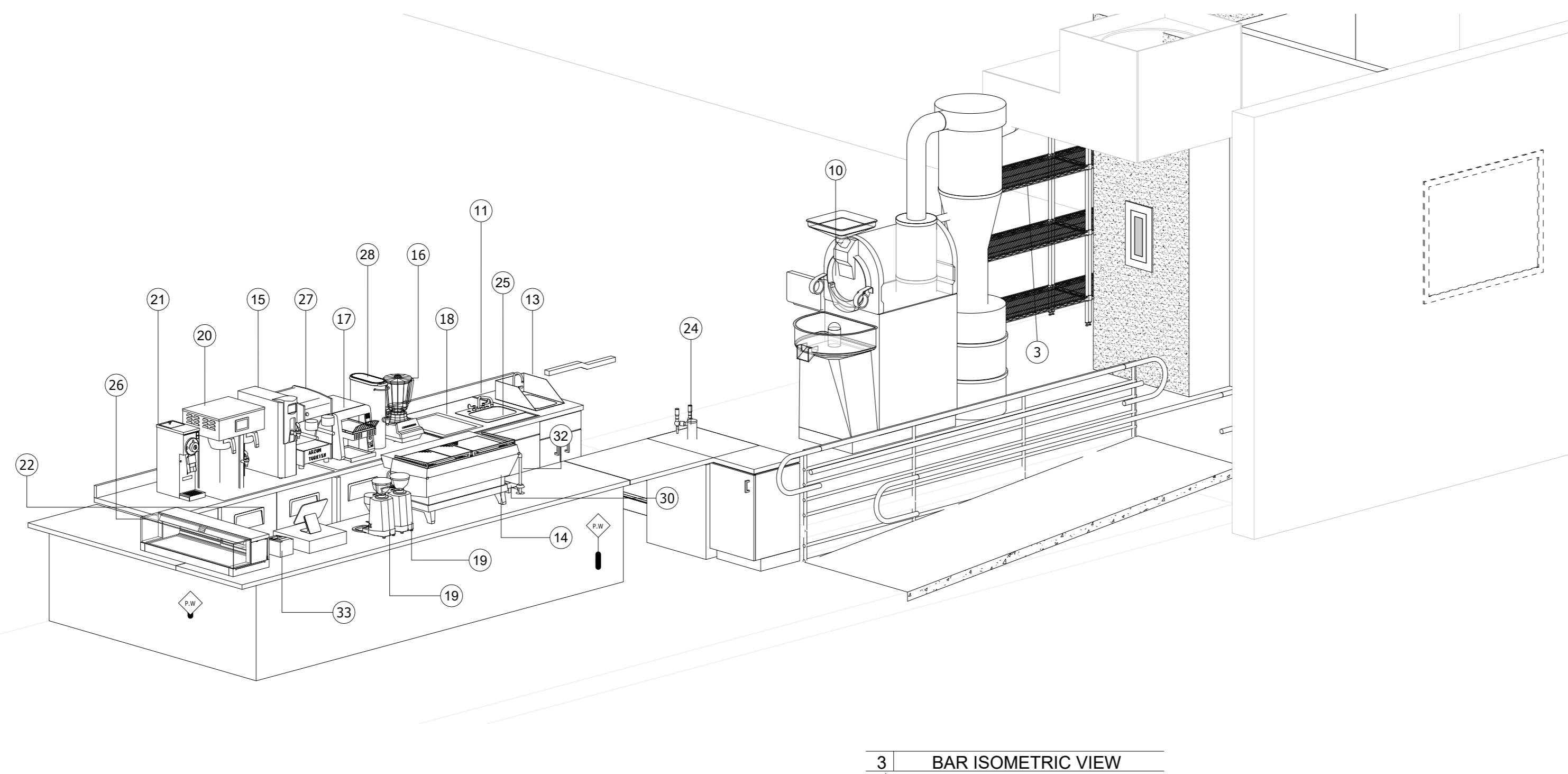
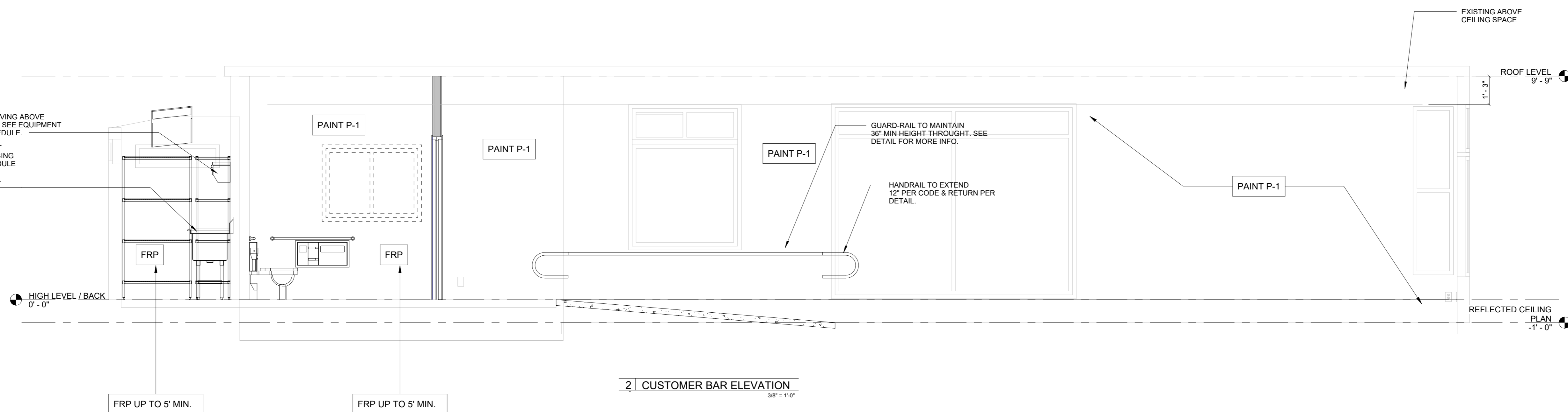
KITCHEN 104
NET AREA 222 SF
EQUIPMENT FACTOR 200
OCCUPANCY LOAD 1



CHANGE IN ELEVATION BETWEEN THE MAIN DOOR ENTRANCE AND THE SIDEWALK SHOULD NOT EXCEED 1/4" & SHALL COMPLY WITH ALL ADA PATH OF TRAVEL REQUIREMENTS.

SHELVING ABOVE SINK. SEE EQUIPMENT SCHEDULE.  
3-COMPARTMENT SINK. SEE PLUMBING FIXTURES SCHEDULE FOR MORE INFO. IN-DIRECT DRAIN.

GUARD-RAIL TO MAINTAIN 36" MIN HEIGHT THROUGHOUT. SEE DETAIL FOR MORE INFO.  
HANDRAIL TO EXTEND 12" PER CODE & RETURN PER DETAIL.



3 | BAR ISOMETRIC VIEW

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92865

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BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

PLAN CHECK#RPC2022-2340

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3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

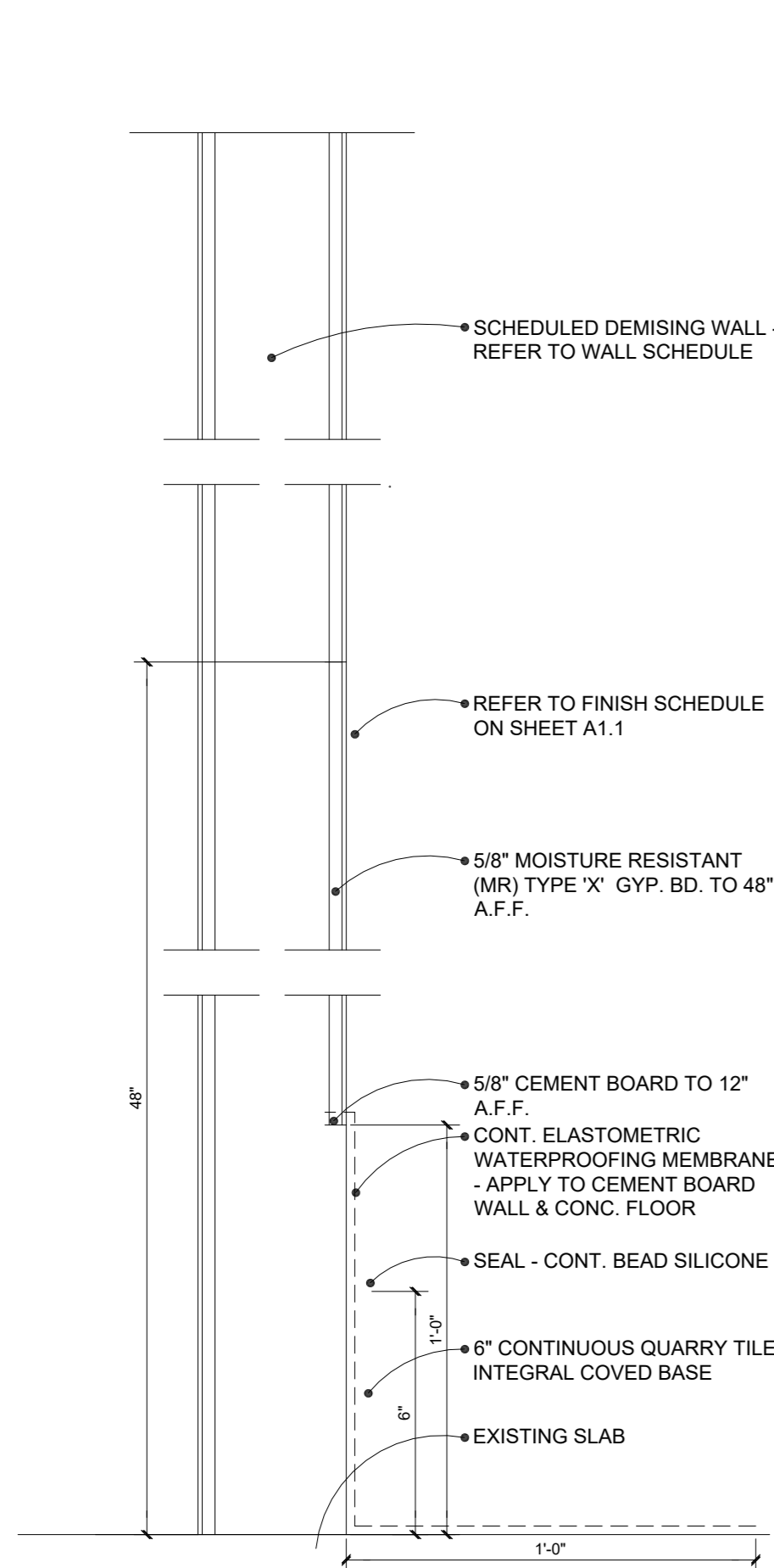


SHEET NAME

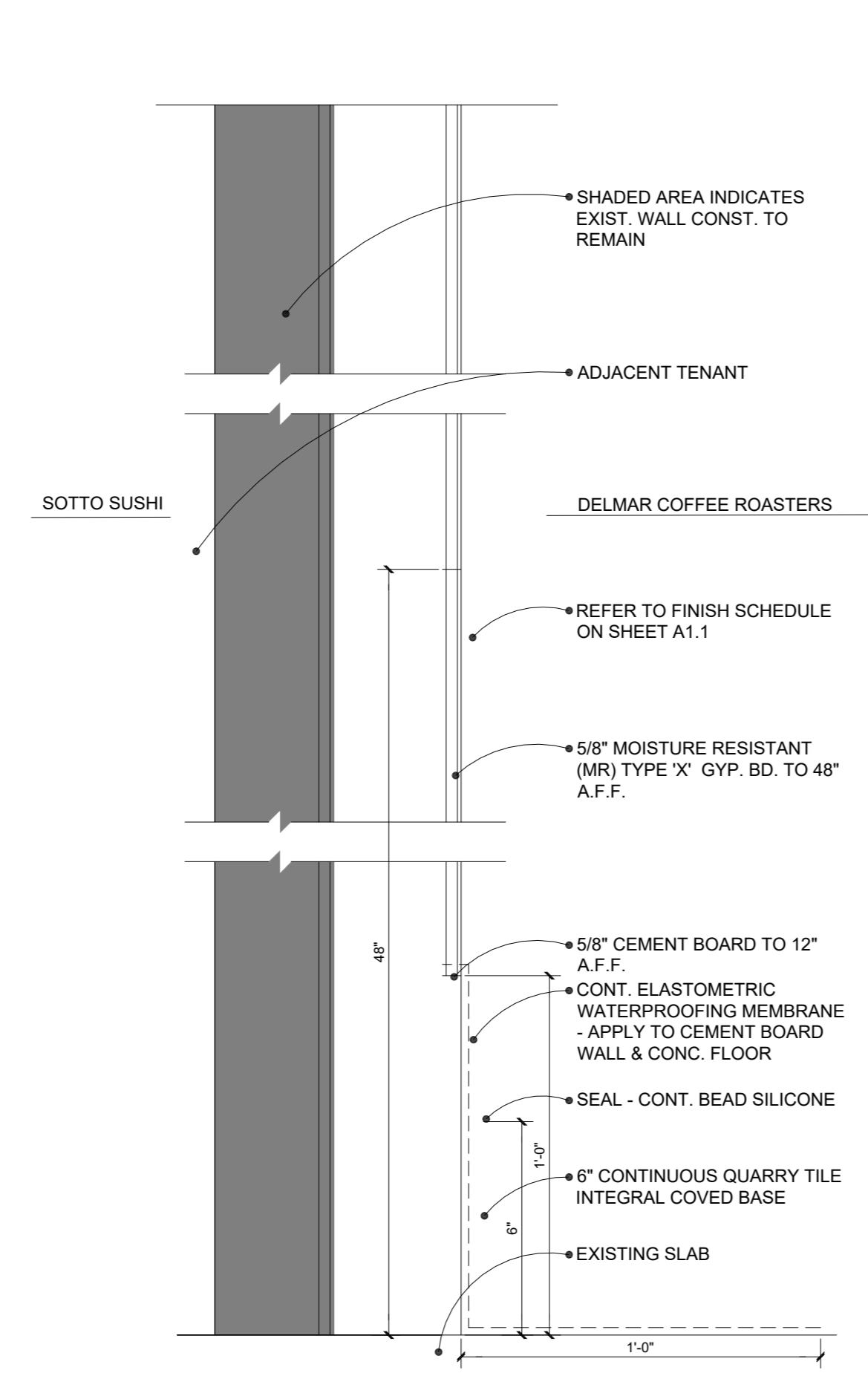
ARCHITECTURAL DETAILS

SHEET NUMBER

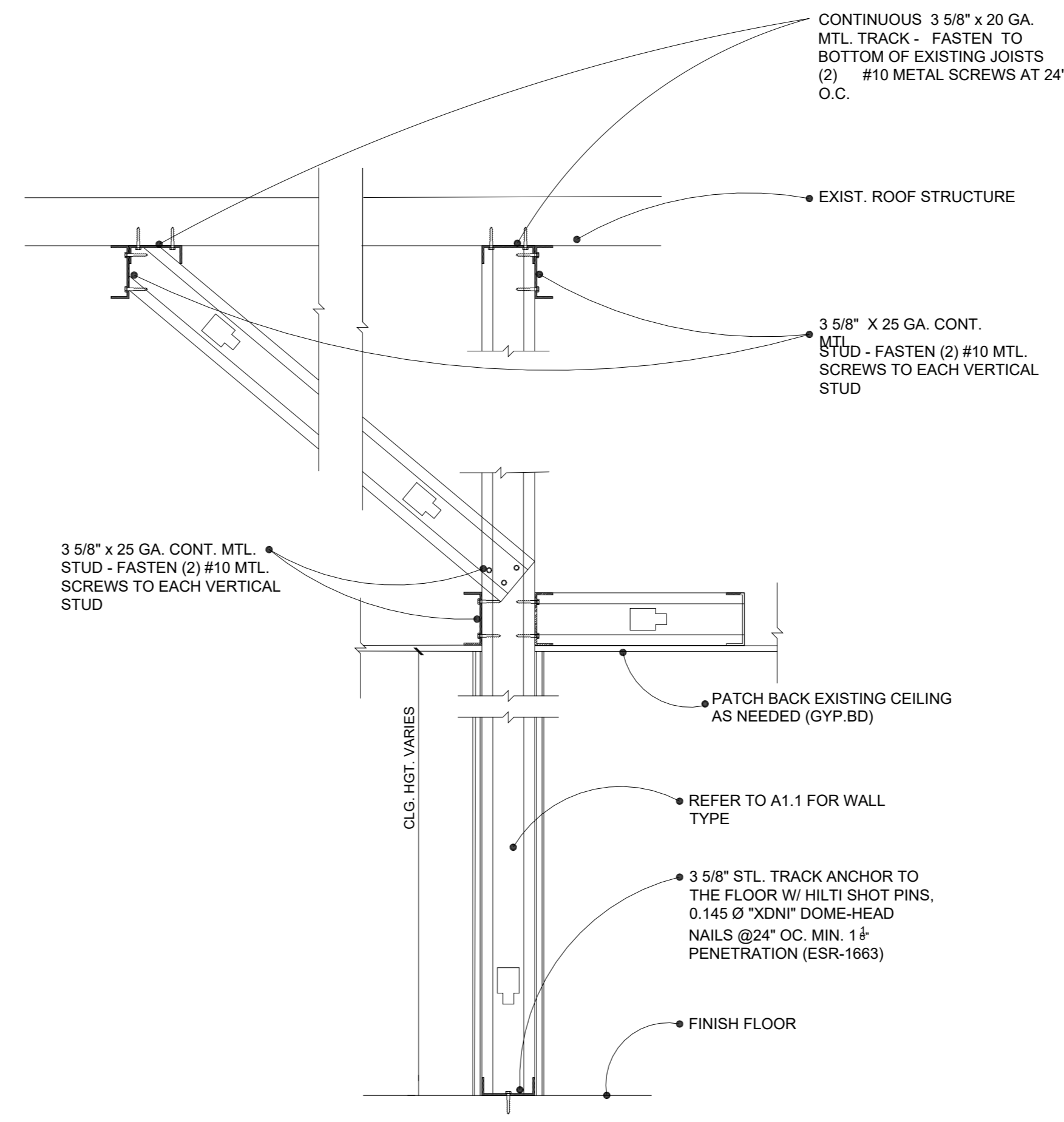
A4.0



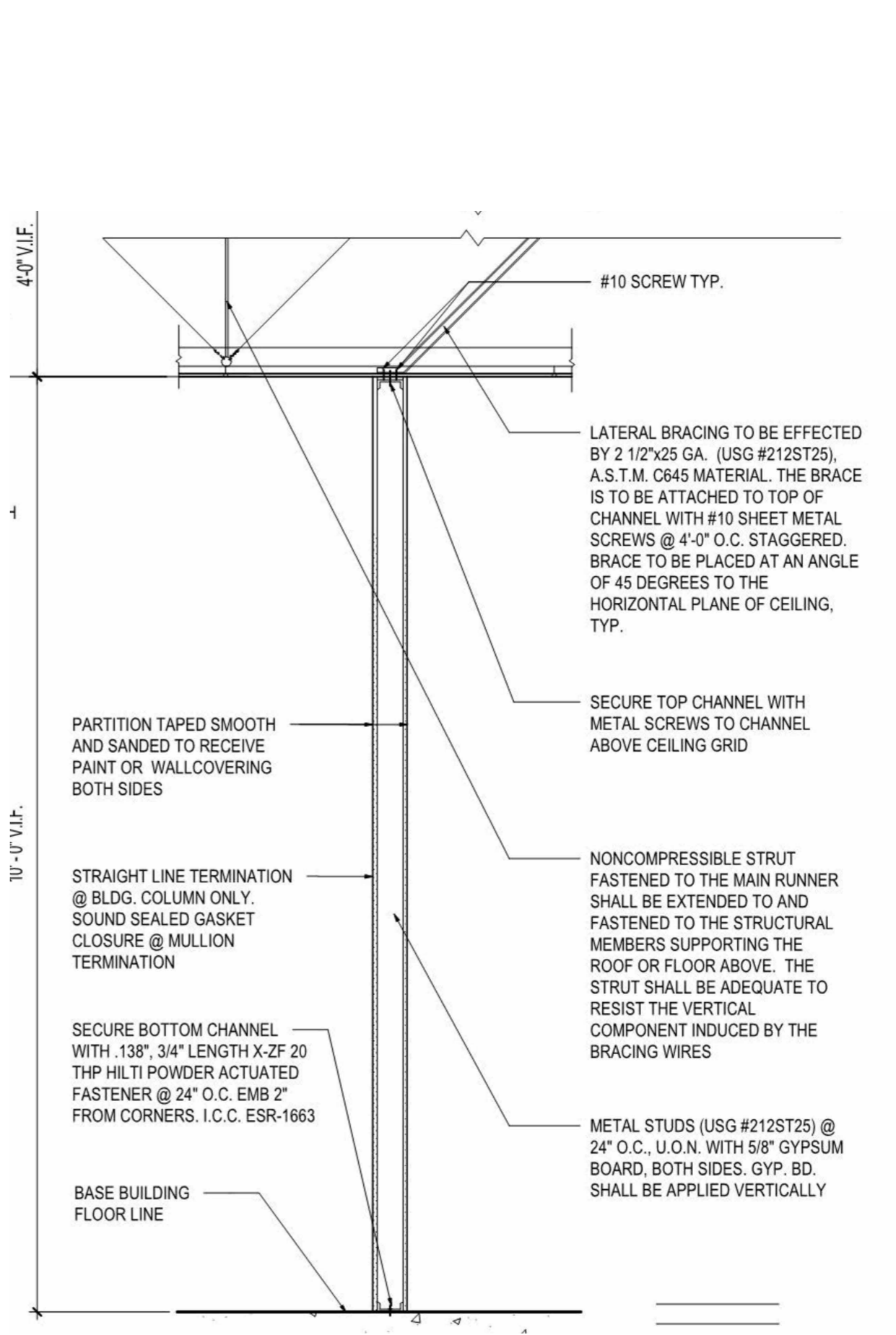
1 TYPICAL SHEATHING MODIFICATION  
N.T.S.



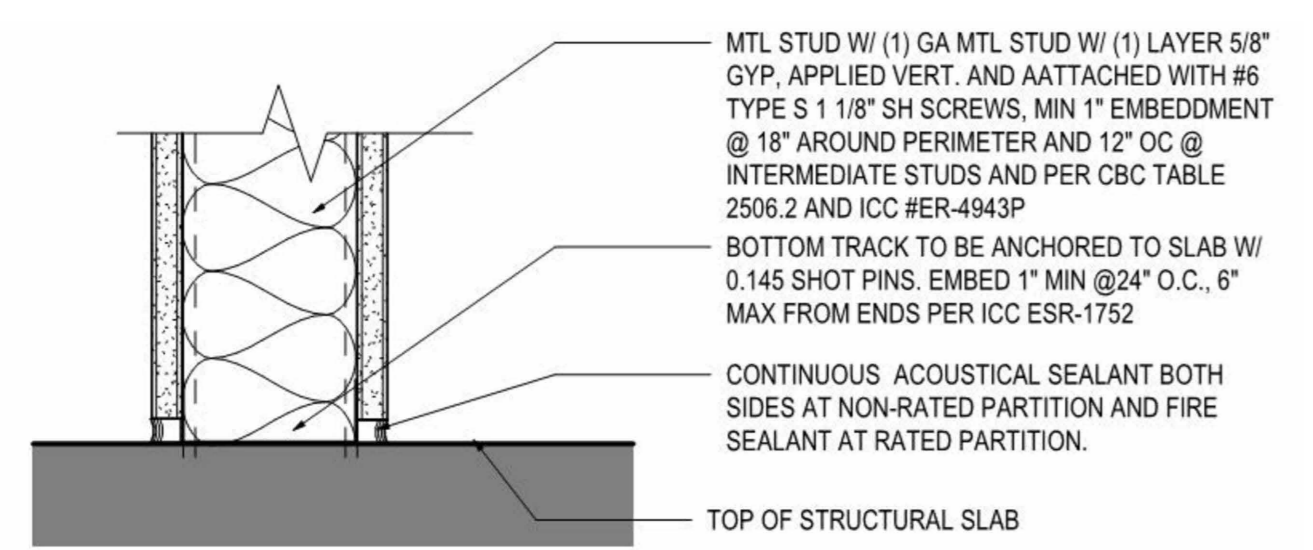
2 DEMISING WALL SECTION  
N.T.S.



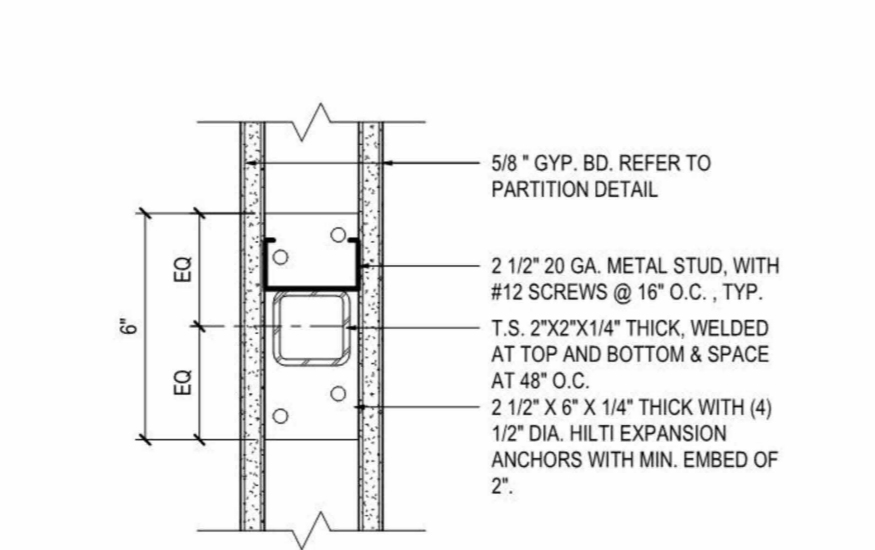
3 TYPICAL WALL FRAMING DETAIL  
1 1/2" = 1'-0"



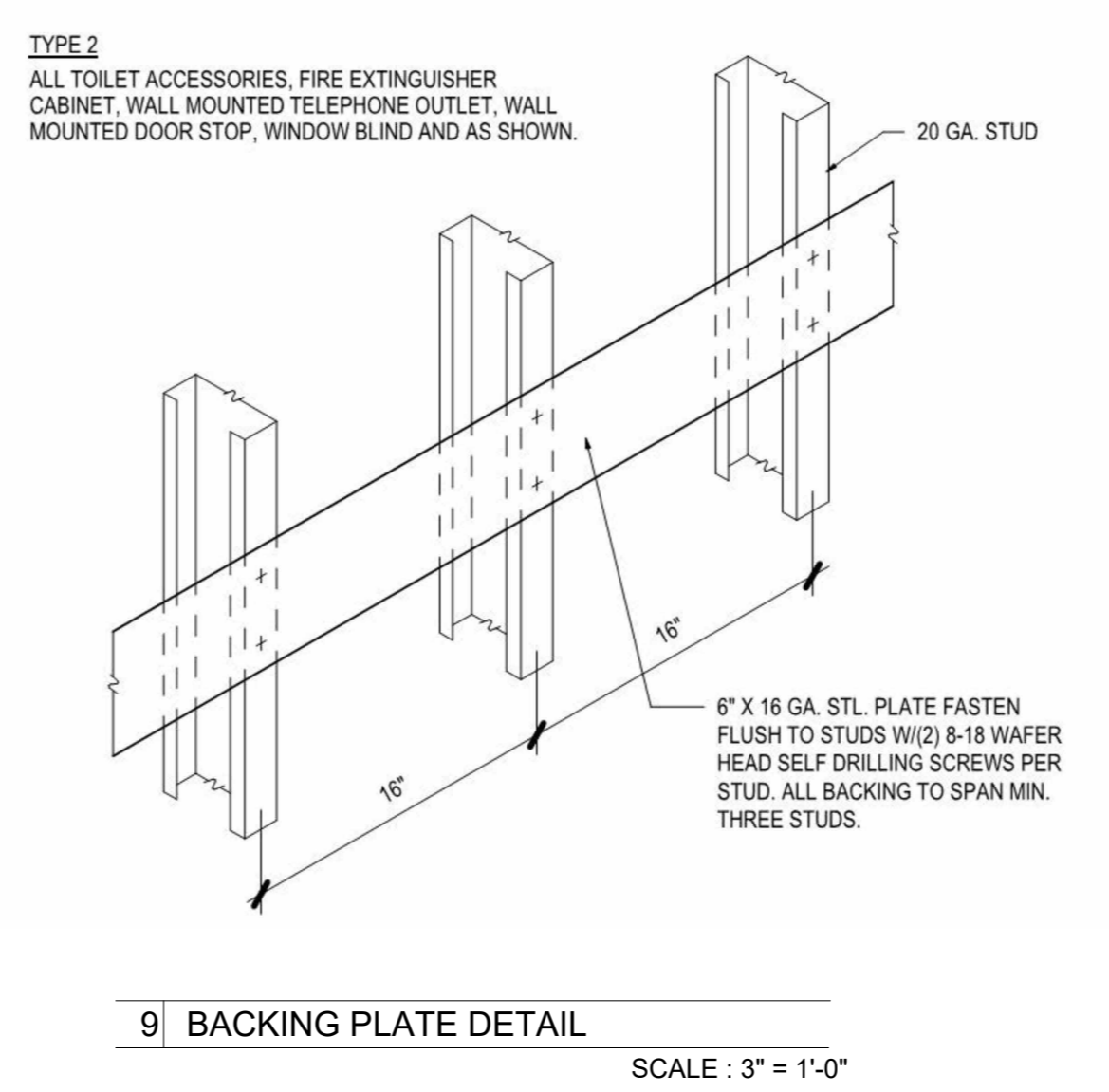
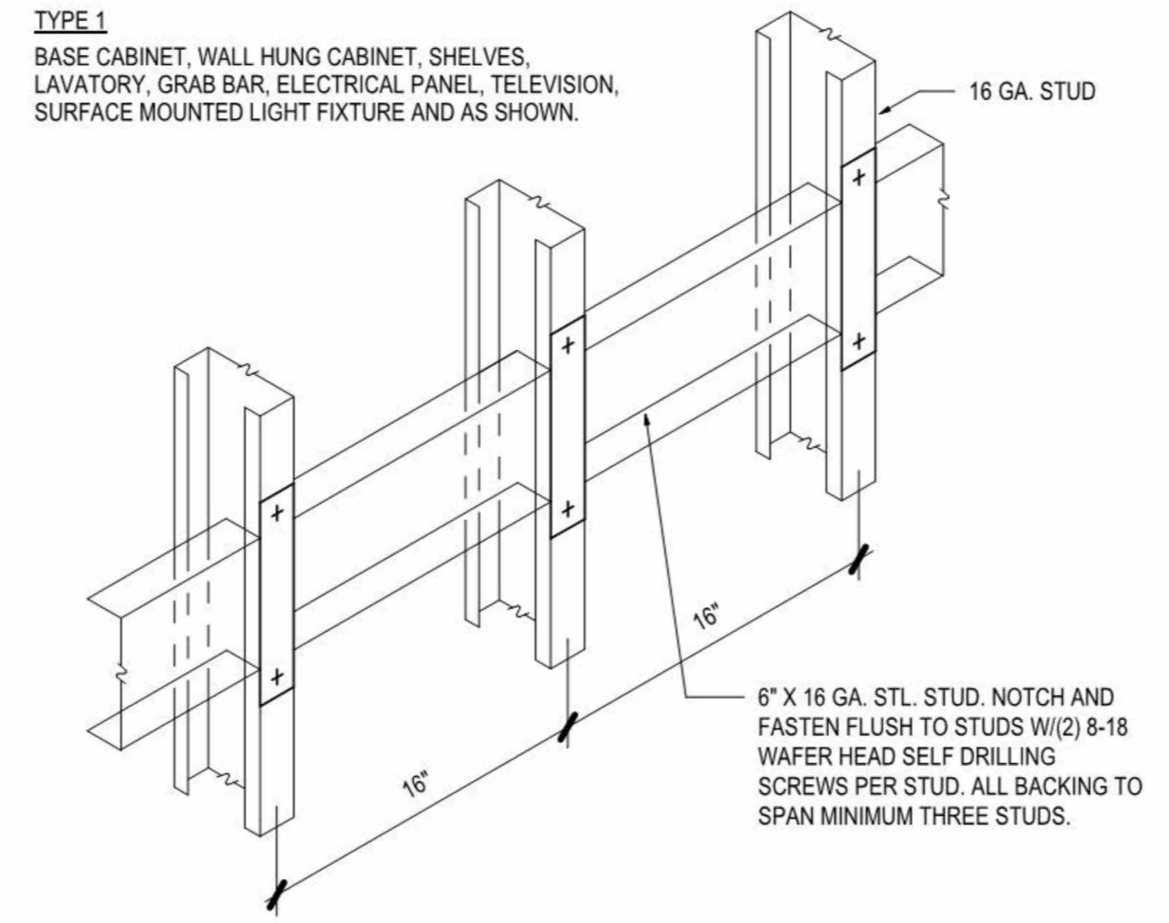
4 INTERIOR WALL ALTERNATIVE FRAMING DETAIL  
SCALE : 3" = 1'-0"



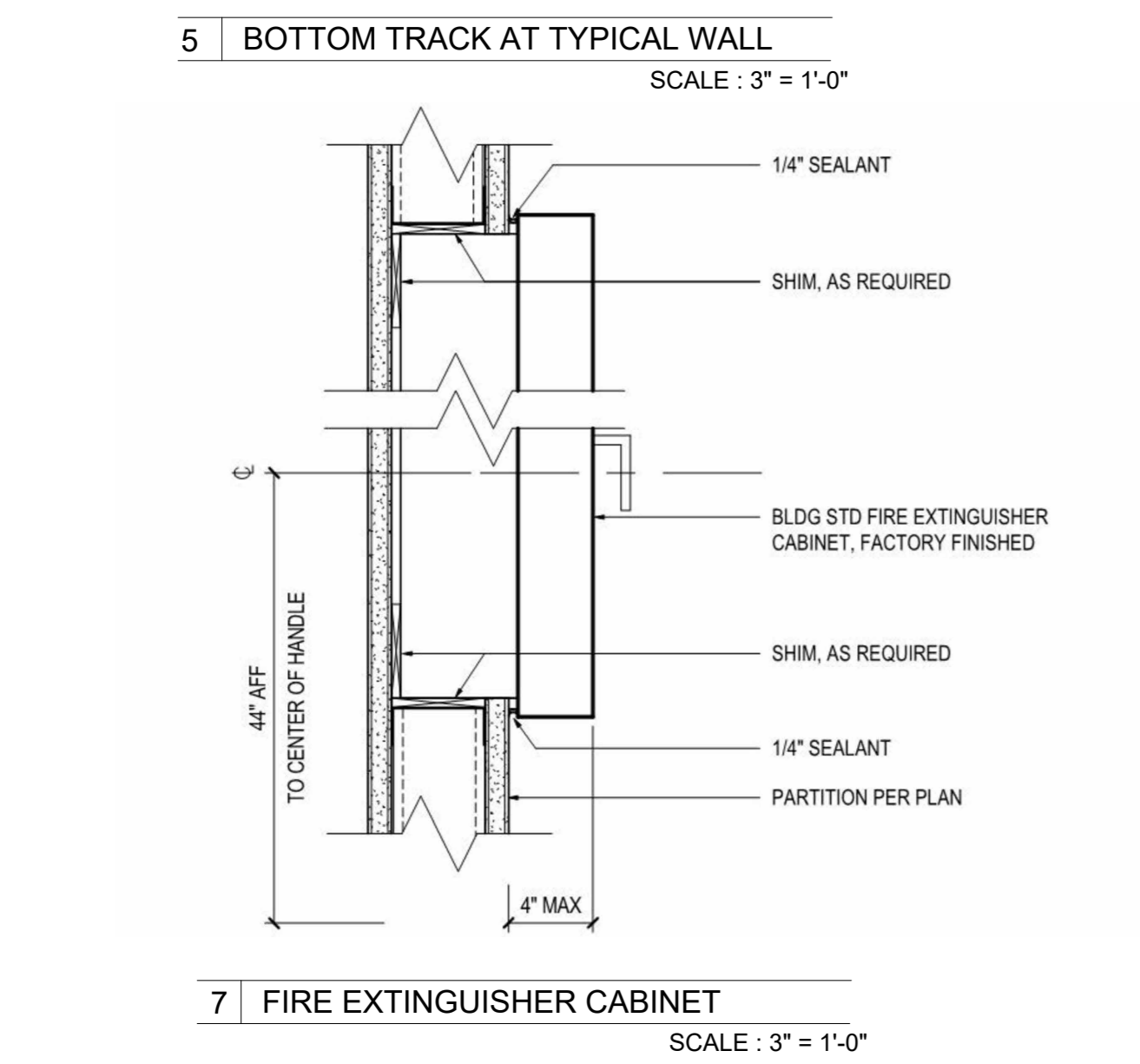
5 BOTTOM TRACK AT TYPICAL WALL  
SCALE : 3" = 1'-0"



6 LOW WALL - BASE PLATE DETAIL  
SCALE : 3" = 1'-0"



8 LOW WALL - PONYWALL  
SCALE : 3" = 1'-0"



9 BACKING PLATE DETAIL  
SCALE : 3" = 1'-0"

USG - SA923 "DRYWALL/STEEL FRAMED SYSTEM"

TYPICAL LIMITING HEIGHTS - INTERIOR STUD FRAMING

Stud design	Stud width	Stud spacing	Allow. def.	Partition, one layer		Partition, two layers		Furring, one layer	
				16"	24"	16"	24"	16"	24"
25 gauge (.0179 min.)									
1585T25	1 5/8"	16"	L120	10'9"	10'9"	10'3"	10'3"	8'3"	8'3"
			L240	9'6"	9'6"	8'3"	8'3"	7'3"	7'3"
	24"	16"	L120	8'9"	8'9"	8'9"	8'9"	7'3"	7'3"
			L240	8'3"	8'3"	8'0"	8'0"	6'3"	6'3"
2125T25	2 1/2"	16"	L120	13'9"	13'9"	13'3"	13'3"	11'0"	11'0"
			L240	12'8"	12'8"	11'9"	11'9"	9'9"	9'9"
	24"	16"	L120	11'3"	11'3"	11'3"	11'3"	9'9"	9'9"
			L240	10'9"	10'9"	10'3"	10'3"	8'6"	8'6"
3585T25	3 5/8"	16"	L120	16'9"	16'9"	16'9"	16'9"	14'8"	14'8"
			L240	16'0"	16'0"	14'8"	14'8"	12'9"	12'9"
	24"	16"	L120	13'6"	13'6"	13'6"	13'6"	12'9"	12'9"
			L240	13'6"	13'6"	13'0"	13'0"	11'0"	11'0"
20 gauge (.0329 min.)									
2125T20	2 1/2"	16"	L120	17'9"	17'9"	16'8"	16'8"	14'8"	14'8"
			L240	14'0"	14'0"	13'0"	13'0"	11'6"	11'6"
	24"	16"	L120	15'6"	15'6"	14'8"	14'8"	13'0"	13'0"
			L240	12'3"	12'3"	11'3"	11'3"	10'0"	10'0"
3585T20	3 5/8"	16"	L120	23'0"	23'0"	20'0"	20'0"	17'3"	17'3"
			L240	18'3"	18'3"	16'0"	16'0"	15'0"	15'0"
	24"	16"	L120	20'0"	20'0"	18'6"	18'6"	15'0"	15'0"
			L240	16'0"	16'0"	14'8"	14'8"	13'3"	13'3"

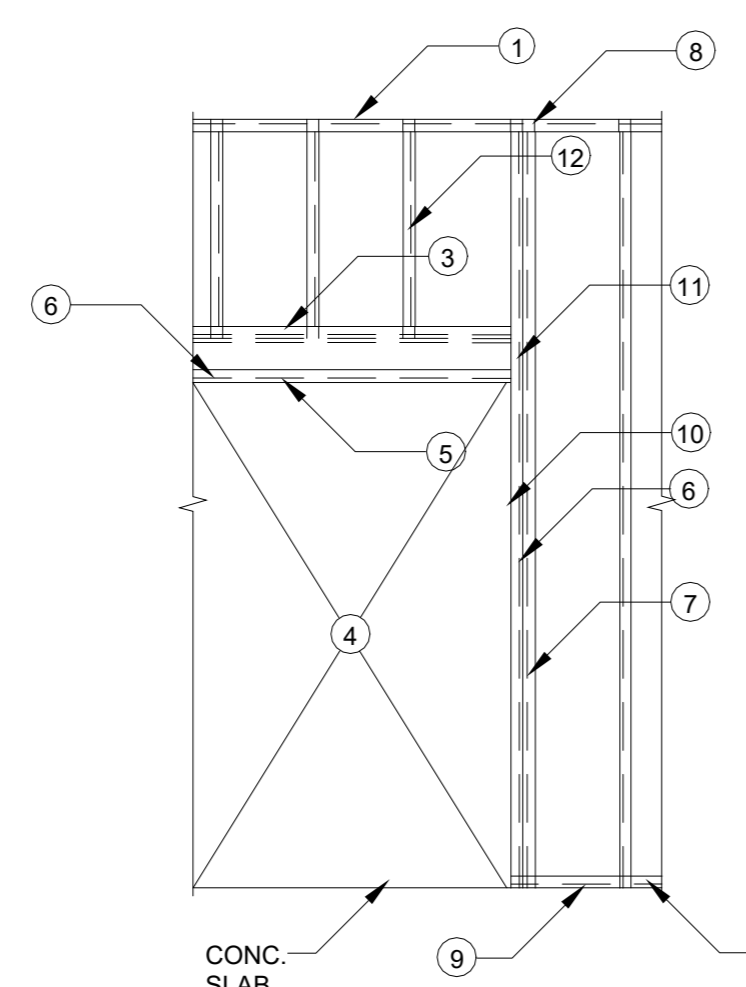
USG FOOTNOTE:

LIMITING HEIGHT FOR 1/2" OR 5/8" THICK GYPSUM PANELS AND 5 PSF UNIFORM LOAD PERPENDICULAR TO PARTITION OR FURRING. USE ONE-LAYER HEIGHTS FOR UNBALANCED ASSEMBLIES; USE TWO-LAYER HEIGHTS FOR MULTI-LAYER ASSEMBLIES. FOR FURRING, STUD ATTACHED TO TOP AND BOTTOM RUNNERS AND FREE-STANDING UP TO 12-FT. HEIGHT. "STUDS EXCEEDING 12-FT. HEIGHT REQUIRE MID-HEIGHT ANCHOR TO EXTERIOR WALL. ASSEMBLIES WITHOUT FACE PANELS AND CHASE WALL PARTITIONS REQUIRE VERTICAL CROSS BRACES 4FT. O.C. MAX. LIMITING CRITERIA: DEFLECTION, BENDING STRESS, +END REACTION SHEAR. CONSULT LOCAL CODE AUTHORITY FOR LIMITING CRITERIA.

IMPORTANT: THE "TYPICAL" PHYSICAL AND STRUCTURAL PROPERTIES AND APPLICABLE TABLES PUBLISHED IN THIS FOLDER REPRESENT CHARACTERISTICS AND/OR STEEL STUDS CURRENTLY AVAILABLE FROM A GROUP OF STEEL STUD MANUFACTURERS. CONSULT STUD MANUFACTURER'S PHYSICAL AND STRUCTURAL PROPERTIES, STUD THICKNESSES AND LIMITING HEIGHT TABLES TO DETERMINE FINAL STUD SELECTION.

NOTE: GENERAL CONTRACTOR TO PROVIDE ALTERNATE OR EQUAL PRODUCT MATERIAL SPECIFICATION IF USG SA923 "DRYWALL/STEEL FRAMED SYSTEM" IS NOT UTILIZED FOR THIS PROJECT.

10 STUD FRAMING CHART

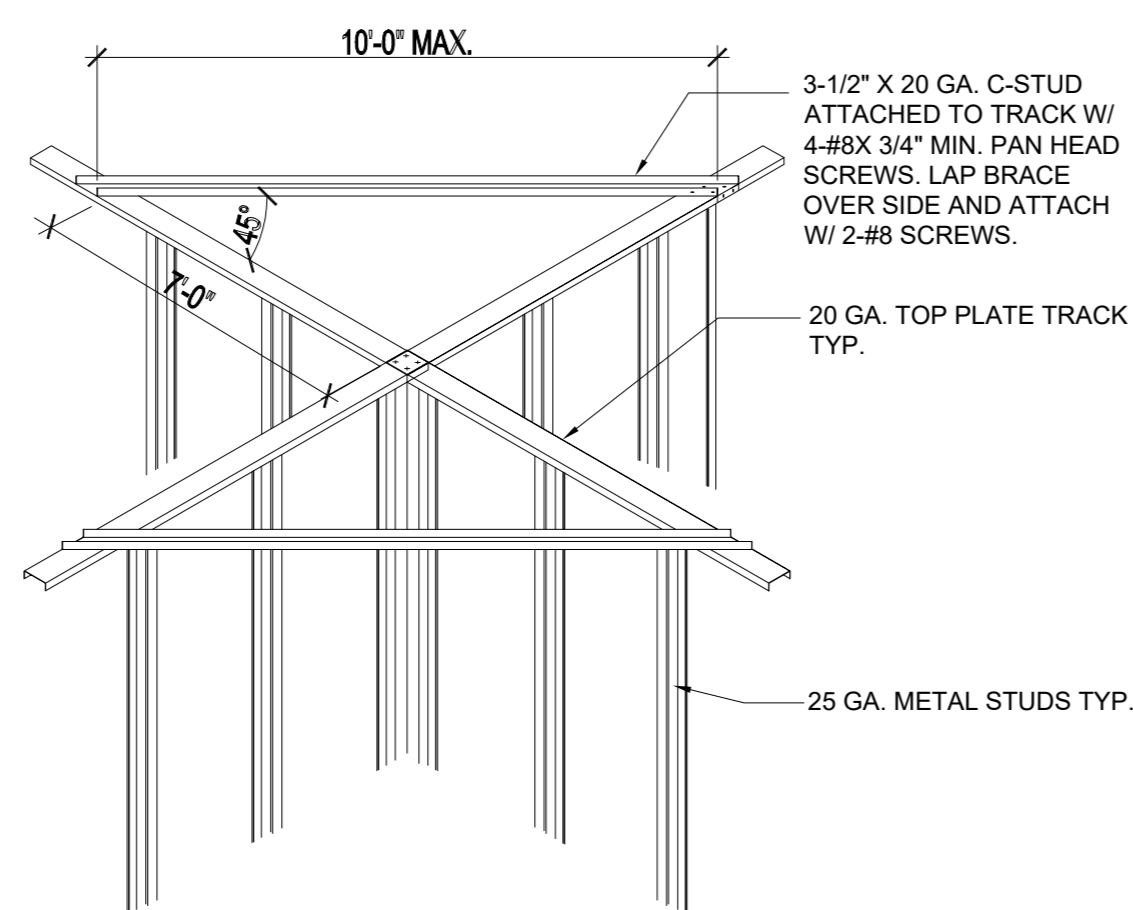


- 1 TOP TRACK
- 2 BOTTOM TRACK
- 3 TRACK
- 4 OPENING, SEE PLANS
- 5 BUILT UP HEADER; SEE CHART
- 6 #8 SCREWS @ 12" O.C.
- 7 BACK TO BACK STUD W/ # 8 SCREWS @ 12" O.C.
- 8 STUD TRACK W/ #8 SCREWS TYP.
- 9 ATTACH TRACK TO S.O.G. W/ 180° POWER DRIVEN SHOT PINS @ 32" O.C. (ICC ESR-1799)
- 10 CLOSURE STUD REQUIRED FOR OPENING JAMB
- 11 (2-P-1) # 8 SCREWS, TYP. BOTH SIDES
- 12 METAL STUD; SIZE AND SPACING FLOOR PLAN AND DETAILS

KING STUD	SPAN	HEADER SIZE	SIZE OF WAL AND 33 MILS	HDR TO KING STUD
1/ TO MATCH WALL	4'-0"	362S 162-33 INT. 362S 162-43 DEM.	SIZE OF WAL AND 33 MILS	(2) #8 SCREWS EACH END
1/ INT. PARTITION	6'-0"	362S 162-33 INT.	SIZE OF WAL AND 33 MILS	
2/ DEMISING WALL	6'-0"	600S 162-43 DEM.	SIZE OF WAL AND 33 MILS	(3) #8 SCREWS EACH END
2/ INT. PARTITION	8'-0"	600S 162-33 INT.	SIZE OF WAL AND 33 MILS	
2/ DEMISING WALL	8'-0"	600S 162-43 DEM.	SIZE OF WAL AND 33 MILS	
3/ ALL WALLS	12'-0"	800S 162-43 INT. 800S 162-54 (50 KSI) DEM.	SIZE OF WAL AND 43 MILS	(4) #8 SCREWS EACH END
3/ ALL WALLS	16'-0"	800S 162-54 INT. 800S 162-68 (50 KSI) DEM.	SIZE OF WAL AND 54 MILS	

HEADER DETAILS

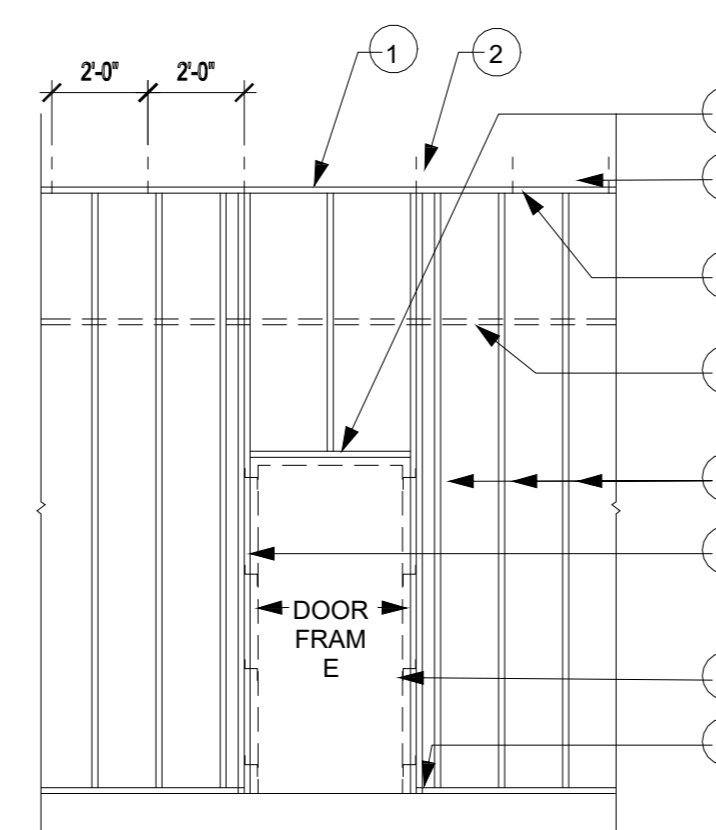
N.T.S



PARTITION LATERAL BRACING (CROSS BRACING)

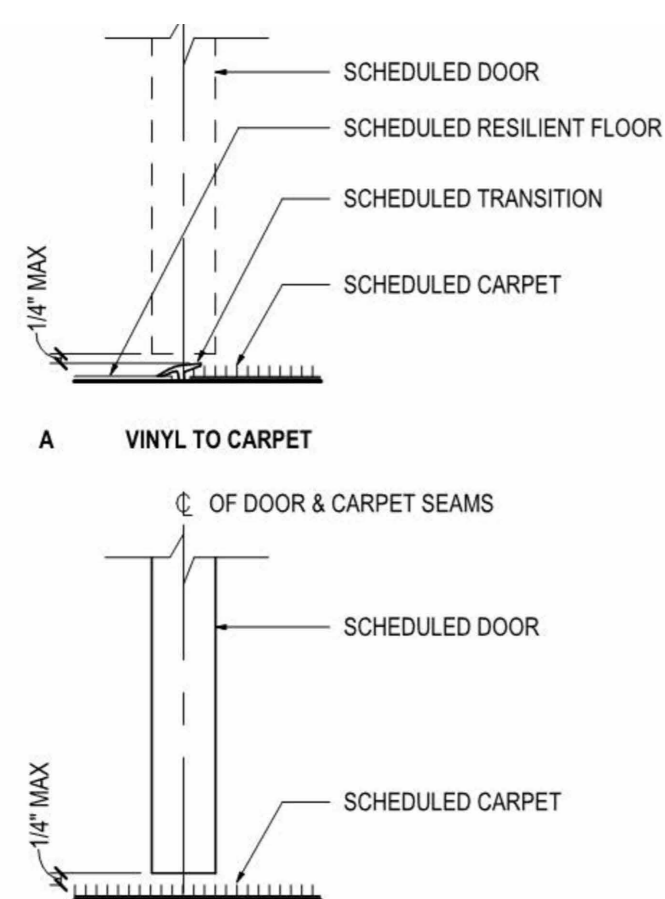
N.T.S

- 1. 16 GA TRACK. EXTEND 12" BEYOND EACH JAMB.
- 2. DRIVE PINS AT 2'-0" O.C. AND 1 EA. SIDE OF JAMB.
- 3. SEE HEADER DETAIL.
- 4. FLOOR OR ROOF SYSTEM ABOVE.
- 5. HEAD TRACK
- 6. FINISH CEILING. SEE RCP FOR LOCATION AND TYPE.
- 7. STUDS. SEE PLAN FOR TYPE
- 8. FRAMING AT JAMBS
- STUDS TO STRUCT. ABOVE 3'-6" DOORS OR LARGER (2) 16 GA. STUDS
- 9. HOLLOW METAL DOOR FRAME WITH 14 GA. STL "ZEE" CLIPS - (4) PER JAMB 2 AT HEAD WELDED TO FRAME. SCREW TO STUDS WITH (2) #10 S.M.S. EACH CLIP (TYP.)
- 10. FLOOR TRACK DETAIL.



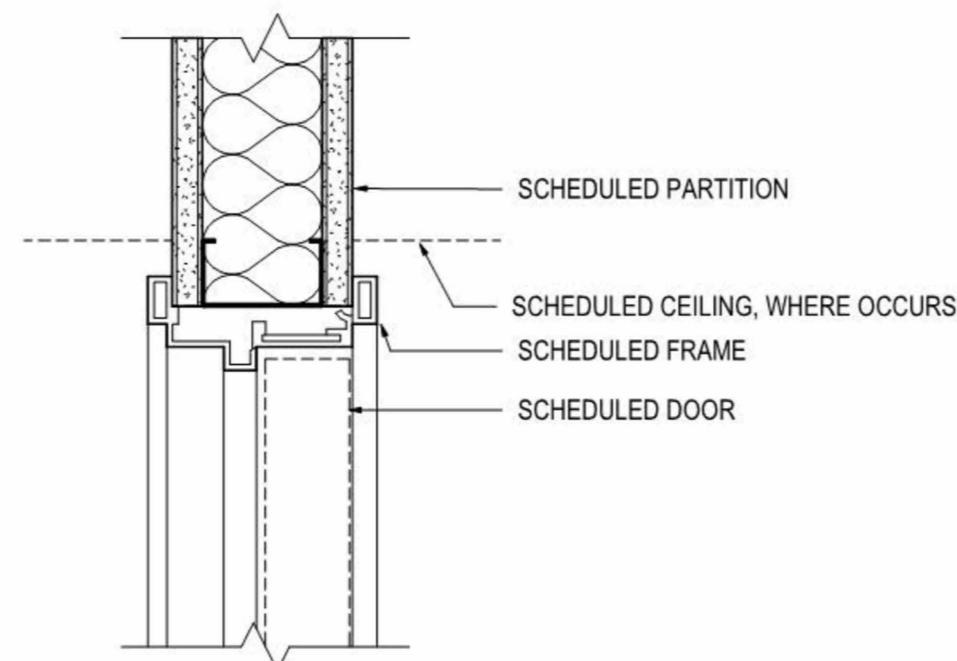
PARTITION WALL FRAMING CRITERIA

N.T.S



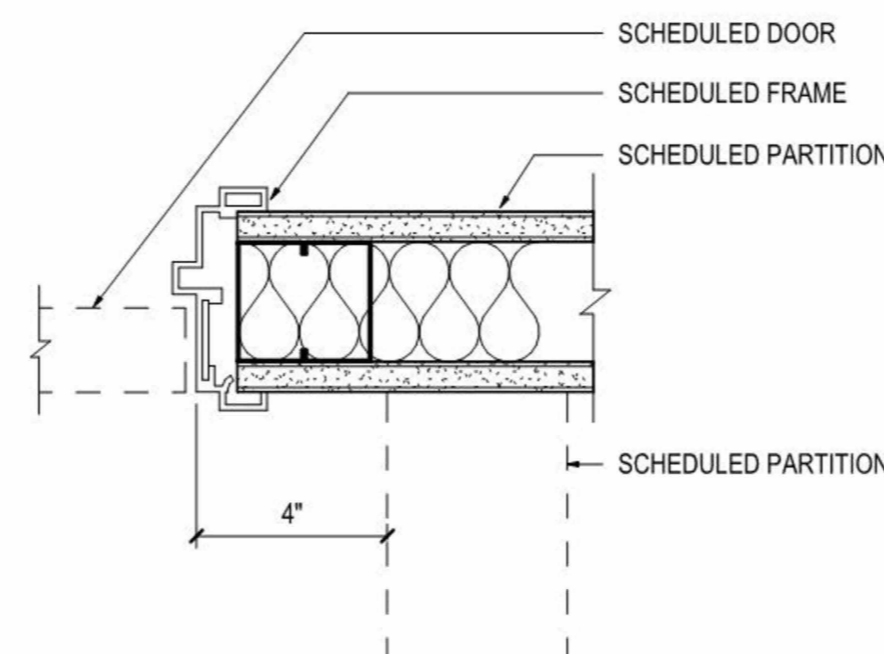
1 DOOR THRESHOLD

SCALE : 3" = 1'-0"



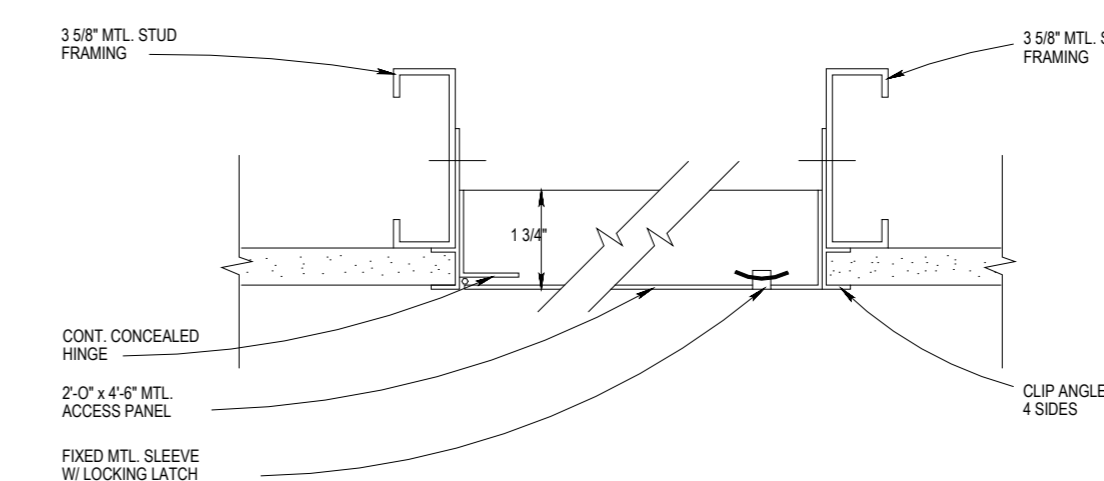
2 TYPICAL DOOR HEAD

SCALE : 3" = 1'-0"



3 TYPICAL DOOR JAMB

SCALE : 3" = 1'-0"



5 CEILING ACCESS PANEL

SCALE : 3" = 1'-0"



### LIGHTING FIXTURE SCHEDULE

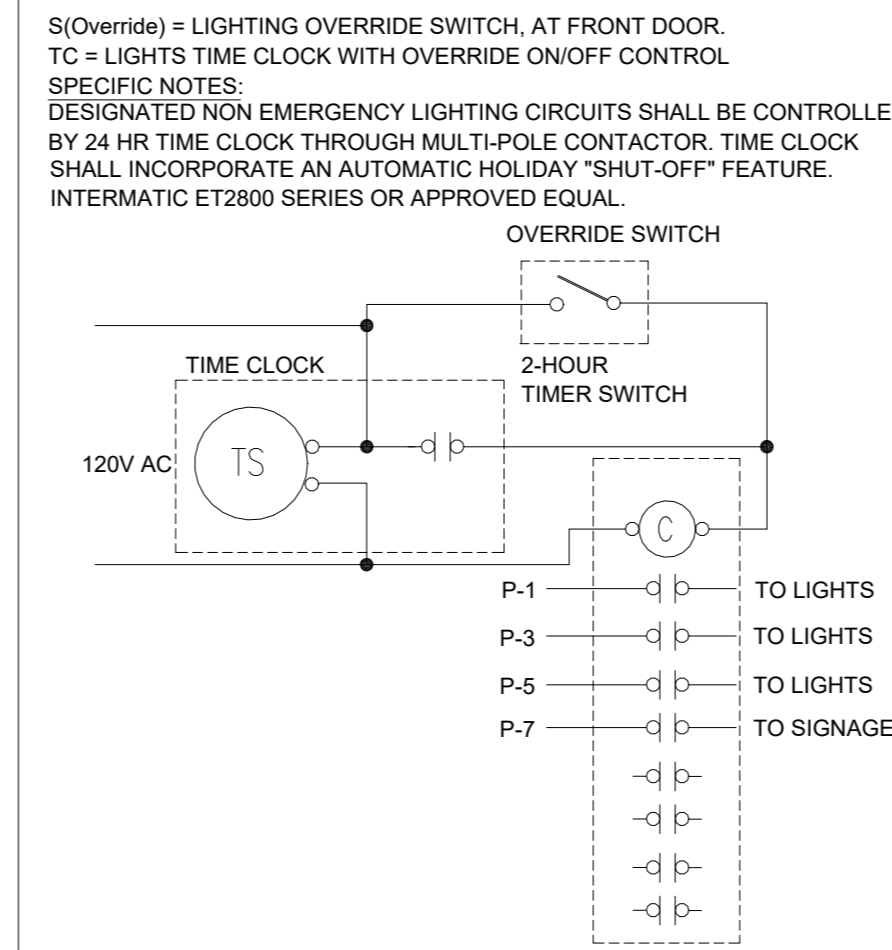
TYPE	DESCRIPTION	LAMP	VOLT	WATT
A	LIGHTING PENDANT LED FIXTURE, DIMMABLE PROGRESS SERIES OR APPROVED EQUAL	LED	120	9
B	6" RECESSED DOWNLIGHT LED FIXTURE, DIMMABLE LITHONIA LDNG SERIES OR APPROVED EQUAL	LED	120	10
C	PENDANT CORD CYLINDER 6" LED FIXTURE, DIMMABLE GOTHAM SERIES OR APPROVED EQUAL	LED	120	14.7
D	6" SURFACE MTD DOWNLIGHT LED FIXTURE, DIMMABLE MANUFACTURER TBD	LED	120	10
E	LED TRACK LIGHT, DIMMABLE, W/0.5A CURRENT LIMITER U.O.N. WAC LIGHTING CHARGE 8010 SERIES OR APPROVED EQUAL	LED	120	60
EE	LIGHT FIXTURE WITH 90 MINUTES EMERGENCY BATTERY PACK VERIFY WITH MANUFACTURER FOR OPTION/INVERTER IF NOT AVAILABLE	---	120	---
X	LED EXIT SIGN WITH 90 MINUTES BATTERY PACK LITHONIA EXR LED M6 OR EQUIVALENT	---	120	---

**NOTES:**

- FIXTURE SHALL HAVE MIN. OF 10 YEARS MANUFACTURER WARRANTY ON ALL COMPONENTS.
- FIXTURES SHALL HAVE APPROPRIATE U.L. LABEL (i.e., DAMP OR WET) AS REQUIRED BY CODES AND ORDINANCES.
- FIXTURES SHALL INCLUDE ALL ACCESSORIES FOR INSTALLATION ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND AS REQUIRED BY CODES AND LOCAL ORDINANCES.
- PRIOR TO ORDERING ANY LIGHTING EQUIPMENT, THE CONTRACTOR SHALL COORDINATE ALL FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND CEILING CAVITY DEPTHS.
- ALL LAMPS SHALL BE PROVIDED AND INSTALLED ACCORDING TO THE ATTACHED FIXTURE SCHEDULE AND SPECIFICATIONS. ENSURE COMPATIBILITY BETWEEN FIXTURE, LAMP(S) AND BALLAST(S).
- CONTRACTOR SHALL VERIFY FIXTURE VOLTAGES AND CEILING TRIM COMPATIBILITY PRIOR TO ORDERING FIXTURE.
- PROVIDE APPROVED FIRE-RATED ENCLOSURES FOR ALL LIGHTING FIXTURES LOCATED IN FIRE-RATED CEILING.
- LIGHTING FIXTURE CATALOG NUMBERS ARE SERIES TYPE ONLY. PROVIDE ALL NECESSARY HARDWARE AS REQUIRED BY THE SPECIFICATIONS, DRAWINGS, AND PROJECT CONDITIONS FOR A COMPLETE INSTALLATION.
- ALL FIXTURES SHALL BE ORDERED WITH APPROPRIATE BALLAST(S) THAT HAVE U.L. AND CBM LABELS. PROVIDE MULTIPLE BALLASTS FOR DUAL-LEVEL SWITCHING AND WIRING AS INDICATED ON THE PLANS.
- ENSURE COMPATIBILITY OF ALL LIGHTING SYSTEM COMPONENTS, ESPECIALLY DIMMED SYSTEMS, FIXTURES, LAMPS, BALLAST(S), AND DIMMING SYSTEMS/INDIVIDUAL CONTROLS MUST BE FACTORY CERTIFIED COMPATIBLE FOR FULL RANGE OF DIMMING COMPATIBILITY.
- LIGHTING FIXTURE MANUFACTURER & MODEL IS FOR REFERENCE ONLY. FIXTURE SHALL BE SELECTED BY ARCHITECT. POWER AND QUALITY SHALL BE SPECIFICATION GRADE.

### EMERGENCY EXIT ILLUMINATION NOTES:

- FIXTURES WITH 90 MIN. EMERGENCY BATTERY BACKUP SHALL BE WIRED AHEAD OF ANY LOCAL IN COMPLIANCE WITH NEC ARTICLE 700.
- EMERGENCY LIGHTING UNITS SHALL BE EQUIPPED WITH FACTORY INSTALLED INTEGRAL TEST SWITCHES.
- ILLUMINATION LEVELS IN THE ENTIRE EXIT ACCESS SHALL HAVE AVERAGE MINIMUM OF 1FT CANDLE. ILLUMINATION LEVELS AT ANY ONE POINT SHALL BE AT LEAST 0.1FT CANDLE AND MAX TO MIN UNIFORM RATIO OF 40 PER CFC1008.3.5.
- THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702, CBC 1008.3.4.
- EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE SIGN ILLUMINATION MEANS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH CHAPTER 27.
- EXIT AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGN TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. INTERVENING MEANS OF EGRESS DOORS WITH EXITS SHALL BE MARKED BY EXIT SIGNS. CBC 1013.1.
- THE BOTTOM OF THE SIGN SHALL NOT BE LESS THAN 8 INCHES OR MORE THAN 8 INCHES ABOVE THE FLOOR LEVEL AND SHALL INDICATE THE PATH OF EXIT TRAVEL. FOR EXIT AND EXIT ACCESS DOORS, THE SIGN SHALL BE ON THE DOOR OR ADJACENT TO THE DOOR WITH THE CLOSEST EDGE OF THE SIGN OR MARKER WITHIN 4 INCHES OF THE DOOR FRAME.
- TACTILE EXIT SIGNS SHALL BE PROVIDED WITH APPROPRIATE WORDS AT EXIT DOORS LEADING TO ENCLOSED EXIT STAIRWAYS AND EXIT DOORS LEADING TO OUTSIDE. CBC 1013.4.

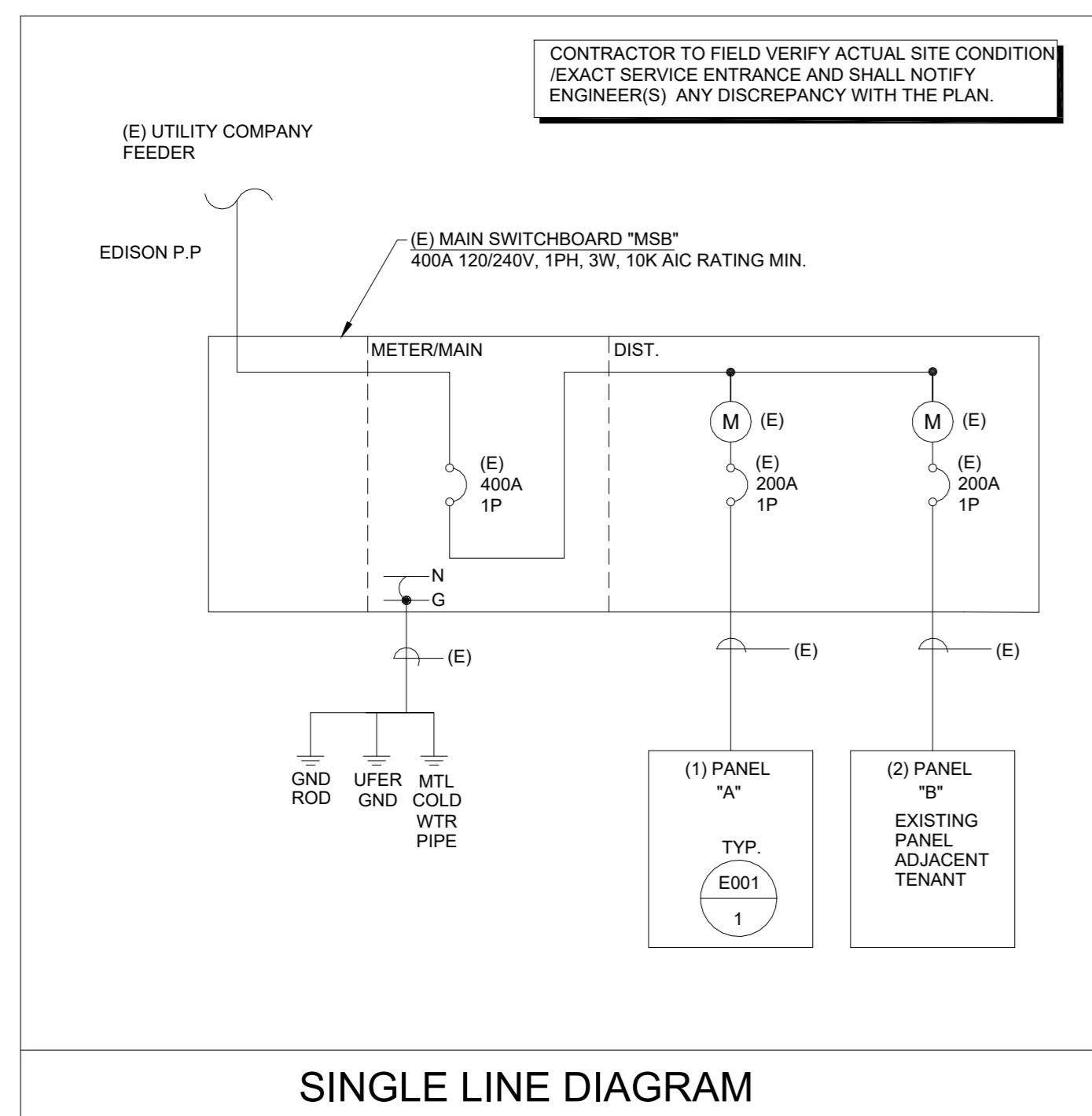


LIGHTING CONTROL DIAGRAM

### 120V, SINGLE POLE, MAX 3% VOLTAGE DROP

	LENGTH OF RUN					
	25'	50'	100'	150'	200'	AMP LOAD
COPPER	14	12	10	8	6	15 AMP
COPPER	12	12	8	6	4	20AMP
COPPER	10	10	6	4	4	30 AMP
COPPER	1	1	1	2/0	4/0	100 AMP
ALUMINUM	1/0	1/0	2/0	4/0	300	100 AMP
COPPER	3/0	3/0	3/0	300	500	200 AMP
ALUMINUM	250	250	300	600	900	200 AMP

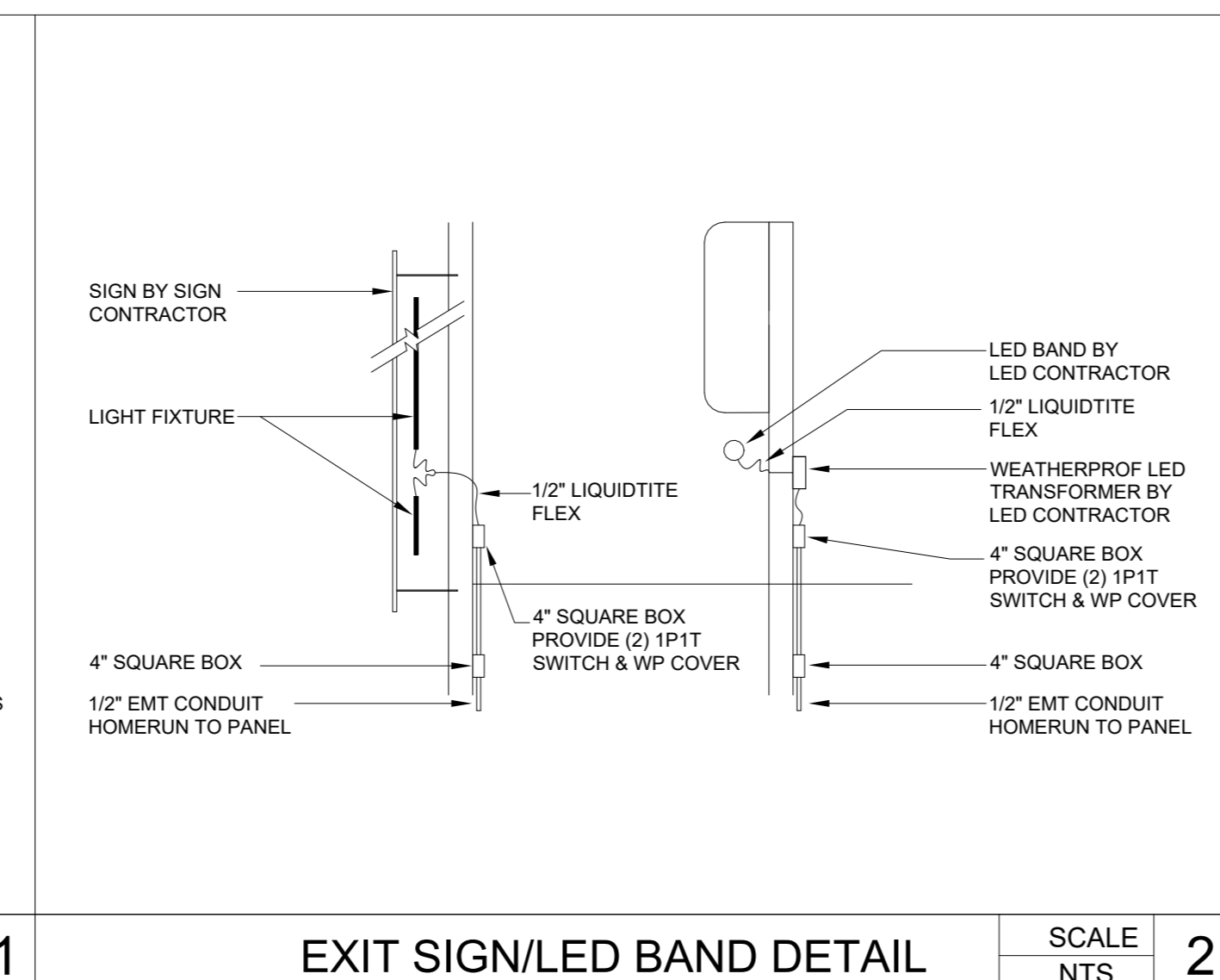
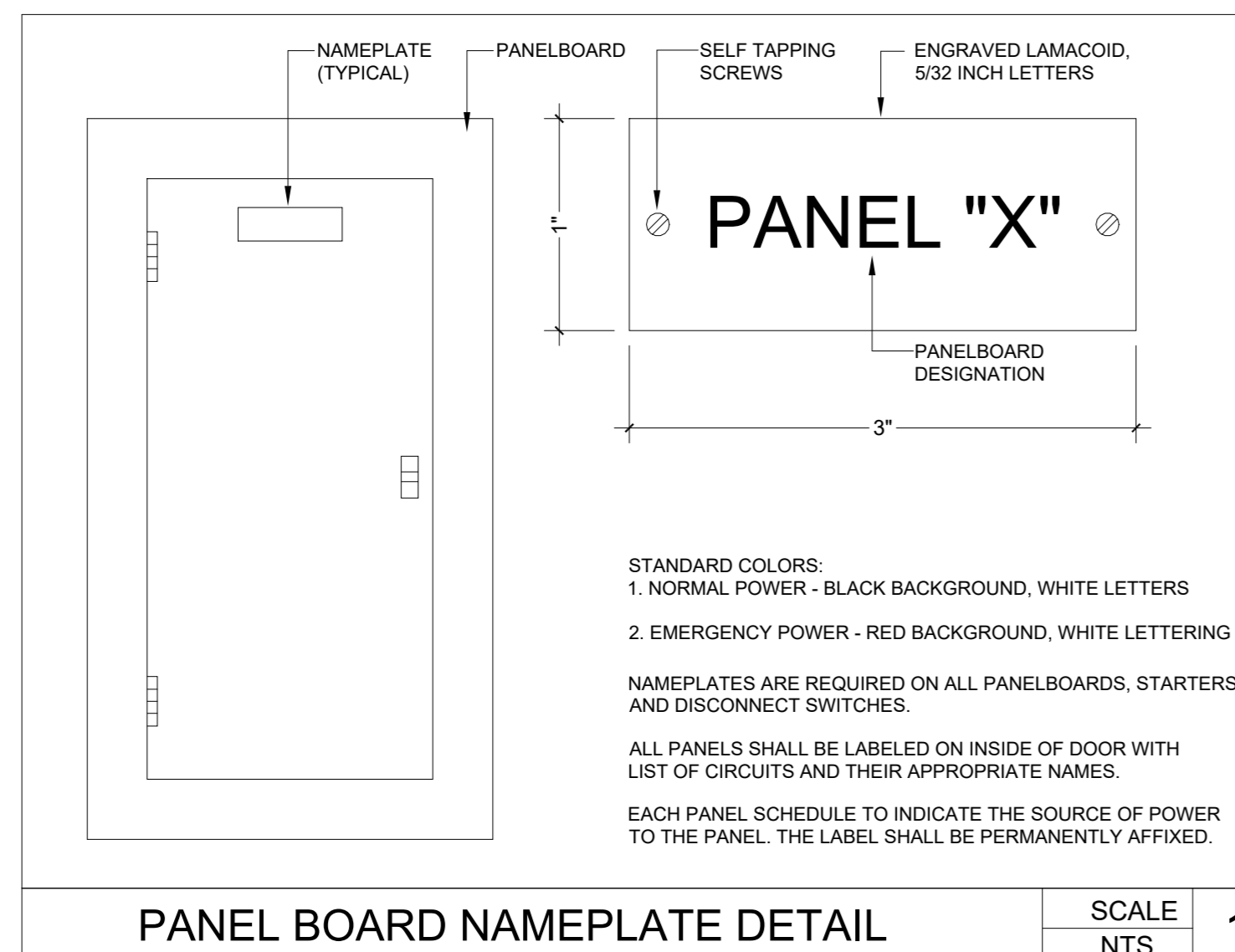
**NOTE:**  
THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5 PERCENT.



**(E) PANEL "A"** LOCATION: SURFACE MOUNTED.

CIRCUIT DESCRIPTION:	BKR	CIR no.	LOAD VA				CIR NO.	BKR	CIRCUIT DESCRIPTION:	
			Ø A	Ø B	Ø A	Ø B				
DAYLIGHT LIGHTS	L	20/1	1	280	2640	2	30/2	K	9_COFFEE MAKER 1	
INTERIOR TRACK LIGHTS	L	20/1	3	910	2640	4	20/1	K	-----	
INTERIOR	L	20/1	5	480	1700	6	30/2	K	TOASTER	
SIGNANGE	L	20/1	7	1200	600	8	20/1	N	COLD BREW	
CONV. RECEPT.1	R	20/1	9	1080		10		K	-----	
CONV. RECEPT.2	R	20/1	11	900	1200	12	20/1	K	BLENDER	
CONV. RECEPT.3	R	20/1	13	900	600	14	20/1	N	COFFEE GRINDER	
CONV. RECEPT.4	R	20/1	15	1260	600	16	20/1	N	COFFEE GRINDER	
REFRIGERATOR	N	20/1	17	750	2800	18	30/2	K	ESPRESSO MACHINE	
APPLIANCE RECEPT.	N	20/1	19	1000	750	20	20/1	N	DISPLAY CASE	
AIR CURTAIN	C	20/1	21	550	950	22	20/1	N	ICE MACHINE	
ADVANTCO	K	20/1	23	1000	1000	24	20/1	K	HOT WATER DIS	
HOT WATER	K	20/1	25	1000	2640	26	30/2	K	COFFEE MAKER 2	
SPARE			27		1200	28	20/1	M	ROASTER	
ELEC. WATER HEATER	C	50/2	29	4000	2704	30	45/2	M	HP-1/AH-1	
<b>PHASE TOTALS</b>			<b>A</b>		<b>B</b>					
			19704		18260		FOR DEMAND LOAD SEE BELOW			
<b>TOTAL LOAD</b>			37964 WATTS							
MIN. C/B AIC: 10,000										

**\*DEMAND LOAD CALCULATION:**  
L=LIGHTING LOADS: 1.25X2870 = 3588 VA  
C=CONTINUOUS LOADS, OTHER: 1.25X4550 = 5687.5 VA  
M=MOTOR LOADS (INCL LGST): 1X3904 = 3904 VA  
LARGEST, VA: 25X3904=1952 VA  
R=RECEPTACLES:1ST 10K: 1 X 4860 = 4860 VA  
BALANCE: 5X0=0 VA  
K=KITCHEN LOADS QTY = 4: 0.8X16620=13296 VA  
N=NONCONTINUOUS LOADS, OTHER: 1X5250 = 5250 VA  
(P= PANEL, INCL. IN ABOVE) TOTAL N.E.C DEMAND LOAD = 38537.5 VA = 161 AMPS



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No.: 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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CONTRACTOR

HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA 92665  
LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA 92652  
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)  
BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY  
PLAN CHECK#PC2022-2340

1ST REVIEW SUBMITTED BY OTHERS	9/21/2022
2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

SHEET NAME  
SINGLE LINE DIAGRAM & SCHEDULES

SHEET NUMBER  
E-01



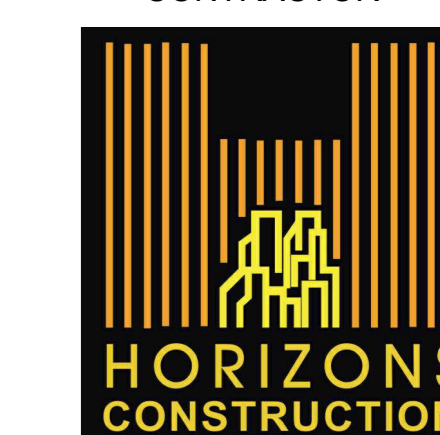


Design | Engineering | Construction

Ben Hamed, ASSOC. AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

PLAN CHECK#PC2022-2340

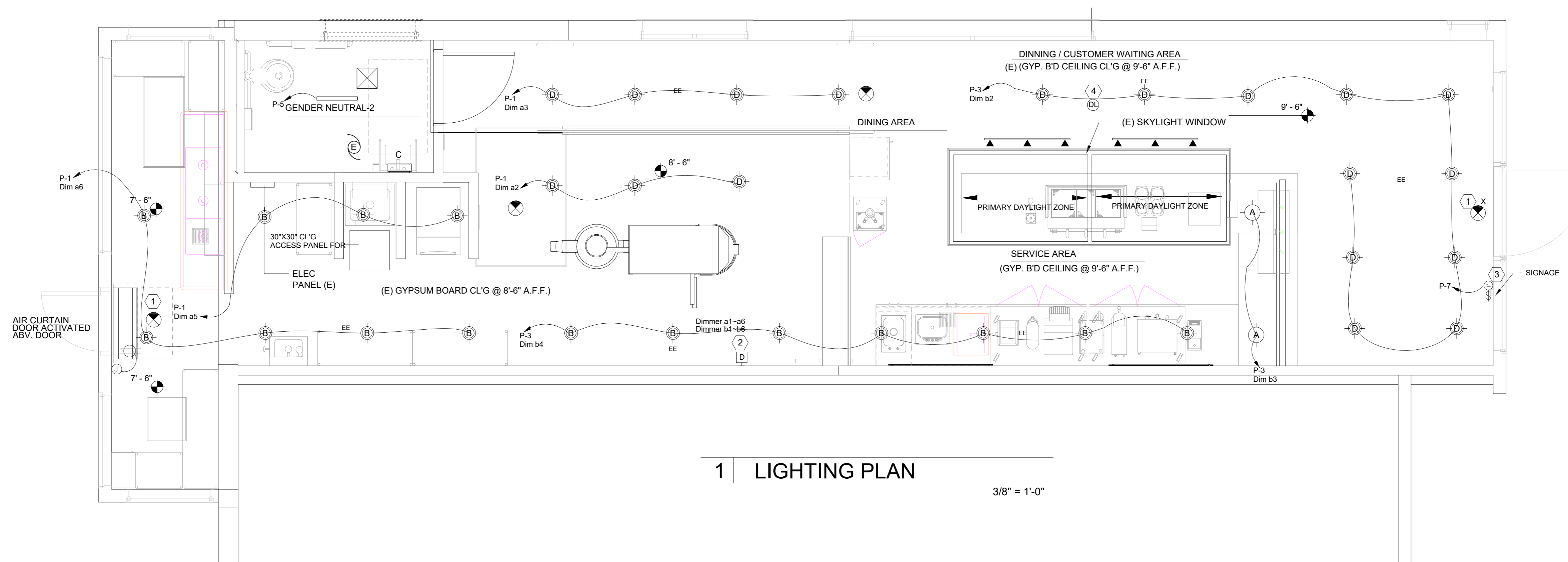
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3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP



SHEET NAME  
LIGHTING PLAN

SHEET NUMBER  
E-100



# 1 LIGHTING PLAN

3/8" = 1'-0"

## # KEYED LIGHTING PLAN NOTES:

- EMERGENCY/NL AND EXIT FIXTURES TO BE CONNECTED TO NEARBY ROOM LIGHTING CIRCUIT AHEAD OF LOCAL SWITCH PER CEC 700.12(F)(2).
- CONTRACTOR TO VERIFY FINAL LOCATION OF SWITCH/DIMMER BANK WITH THE OWNER'S P.M.
- WIRE THRU CONTACTOR & TIME CLOCK FOR SIGNAGE LIGHTING CONTROL.
- PROVIDE AUTOMATIC DAYLIGHT MULTILEVEL CONTROL FOR FIXTURES IN DAYLIGHT ZONE PER 2019 BEES 130.1(D).

## GENERAL NOTES:

- CONCEAL ALL WIRING AND CONDUIT IN WALLS, CHASE, UTILITY SPACES OR ABOVE CEILING.
- WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
- CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NEC.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE CALIFORNIA ELECTRICAL CODE 2019 EDITION.
- IF DRAWINGS ARE INCORRECT FROM THE ACTUAL SITE CONDITION, E.C. SHALL NOTIFY ENGINEER(S) AND PROVIDE INFORMATION REFLECTING ACTUAL CONDITIONS.
- REFER TO E-0.1 EMERGENCY EXIT ILLUMINATION NOTES FOR EMERGENCY LIGHTING REQUIREMENTS.
- ALL LIGHT FIXTURE TYPES, SPECIFICATIONS, AND QUANTITIES ARE TO BE COORDINATED AND VERIFIED WITH ARCHITECT/OWNER.
- OBTAIN APPROVAL ON LOCATION OF SWITCH/DIMMER/SENSOR WITH ARCHITECT AND OWNER AT SITE PRIOR TO ROUGH-IN.
- LIGHTING INSTALLED IN CORRIDORS SHALL BE CONTROLLED BY OCCUPANT SENSING CONTROLS SEPARATELY REDUCE THE LIGHT POWER IN EACH SPACE BY AT LEAST 50 PERCENT WHEN UNOCCUPIED.
- PROVIDE 2 HOUR OVERRIDE AND AUTOMATIC SHUTOFF SWITCHES AS REQUIRED PER 2019 TITLE 24 ALONG WITH ALL REQUIRED PARTS, COMPONENTS AND ACCESSORIES TO INTERFACE WITH LIGHTING CONTROL DEVICE AS REQUIRED FOR COMPLETE AND FULLY OPERABLE SYSTEM.
- SIGNAGE WILL REQUIRE SEPARATE PERMIT AND SUBMITTAL.



Design | Engineering | Construction

Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
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CA 92805  
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Ben@accandengineering.com  
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REVISIONS HISTORY

PLAN CHECK#PC2022-2340

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3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

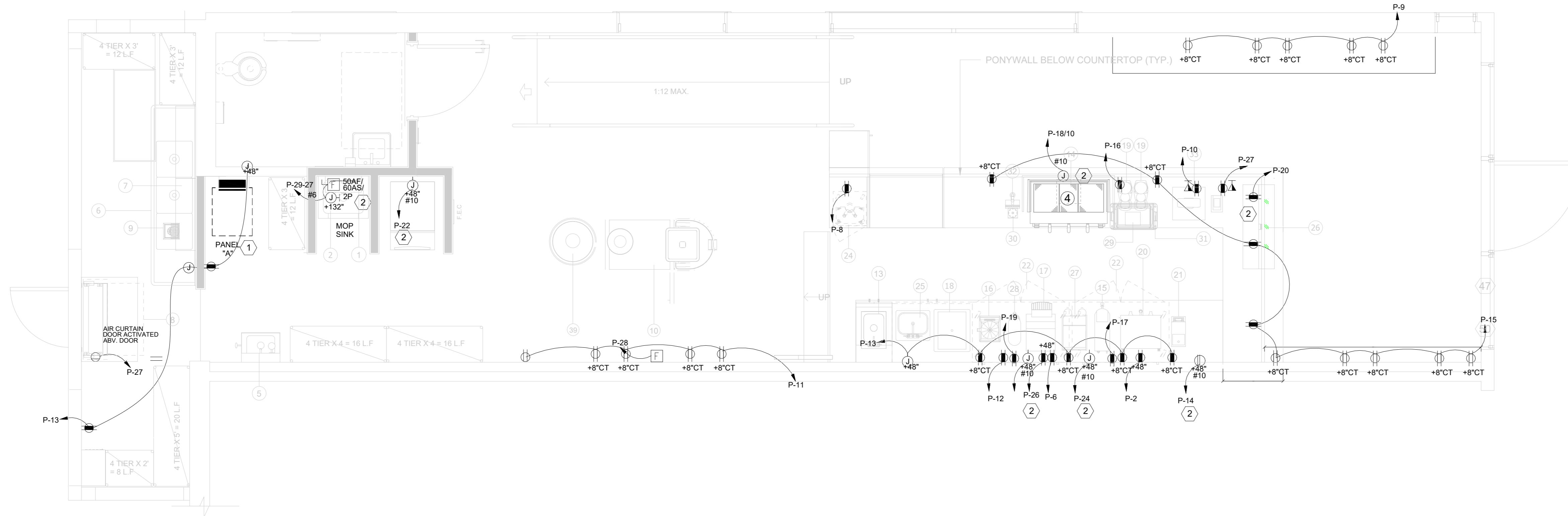


SHEET NAME

POWER PLAN

SHEET NUMBER

E-200



### GENERAL NOTES:

- ELECTRICAL EQUIPMENT SHALL BE LISTED BY U.L. OR CITY RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE CITY DEPARTMENT.
- CONCEAL ALL WIRING AND CONDUIT IN WALLS, CHASE, UTILITY SPACES OR ABOVE CEILING.
- WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
- CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NEC.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE CALIFORNIA ELECTRICAL CODE 2019 EDITION.
- IF DRAWINGS ARE INCORRECT FROM THE ACTUAL SITE CONDITION, E.C. SHALL NOTIFY ENGINEER(S) AND PROVIDE INFORMATION REFLECTING ACTUAL CONDITIONS.
- FLEXIBLE CORDS SHALL NOT PASS THROUGH CEILINGS, WALLS OR FLOORS. PER SECTION 400.8 OF CALIFORNIA ELECTRICAL CODE 2019 EDITION.
- COORDINATE LOCATIONS/HEIGHTS OF ALL RECEPTACLES FOR ELECTRICAL DEVICES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- ALL ITEMS LABELED/IDENTIFIED AS EXISTING (IF ANY), ARE SUBJECT TO FIELD VERIFICATION.
- FIELD VERIFY ALL KITCHEN EQUIPMENT INSTALLATION REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- RECEPTACLES OF 15 AND 20 AMPERES, 125 AND 250 VOLTS INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF (WP) AND IS LISTED/IDENTIFIED AS "EXTRA DUTY." PER 406.9(B). THE RECEPTACLES SHALL BE LISTED AS THE WEATHER RESISTANT (WR) TYPE AND SHALL BE GFI PROTECTED PER 210.8(B)(4).
- ALL 120V RECEPTACLES IN KITCHEN/SERVICE STORAGE PER CEC DEFINITION OF A KITCHEN (ANYWHERE FOOD OR BEVERAGES ARE PREPARED OR SERVED) ARE TO BE GFI PROTECTED. ANY OTHER RECEPTACLES IDENTIFIED AS GFI PROTECTED SHALL BE GFI DEVICES OR CONNECTED TO GFI CIRCUIT BREAKER OR CONNECTED DOWNSTREAM OF AND PROTECTED BY A GFI DEVICE. PROVIDE GFI PROTECTION AT ALL 125V, 15A OR 20A RECEPTACLES WITHIN 6' OF WATER SOURCES PER SECTION 210.8(B)(5) OF CALIFORNIA ELECTRICAL CODE, 2019 EDITION.

### # KEYED POWER PLAN NOTES:

- VERIFY/COORDINATE EXACT LOCATION FOR ELECTRICAL EQUIPMENTS IN FIELD AND PROVIDE MINIMUM CLEARANCE PER SECTION 110.26 OF NATIONAL ELECTRICAL CODE, 2017 EDITION.
- VERIFY EXACT ELECTRICAL INSTALLATION REQUIREMENTS WITH MANUFACTURER AND PROVIDE PER RECOMMENDATION.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 1 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

Table with 4 columns: 01 Project Location (city), 02 Climate Zone, 03 Occupancy Types Within Project, 04 Total Conditioned Floor Area (ft²), 05 Total Unconditioned Floor Area (ft²), 06 # of Stories (Habitable Above Grade).

Table with 4 columns: 01 Scope of Work, 02 Conditioned Spaces, 03 Unconditioned Spaces, 04 Calculation Method, 05 Area (ft²), 06 Calculation Method, 07 Area (ft²).

Table with 4 columns: 01 Scope of Work, 02 Conditioned Spaces, 03 Unconditioned Spaces, 04 Calculation Method, 05 Area (ft²).

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: Energy Code Ace Compliance ID: 94742-0323-0002

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 4 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

Table with 2 columns: 01 Maximum rated input wattage per manufacturer, 02 60.

FOOTNOTE: For power-over-Ethernet lighting systems, power provided to installed non-lighting devices may be subtracted from the total power rating of the power-over-Ethernet system.

Table with 4 columns: 01 Building Level Controls, 02 Mandatory Demand Response 130.1(c), 03 Field Inspector, 04 Area Level Controls, 05 Complete Building or Area Category Primary Function Area, 06 Manual Area Controls, 07 Multi-Level Controls, 08 Shut-Off Controls, 09 Primary/Sky In Daylighting, 10 Secondary Daylighting, 11 Interlocked Systems, 12 Field Inspector.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 7 of 8)
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V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no NRC forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 2 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

Table with 4 columns: 01 Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts), 02 Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts), 03 Compliance Results, 04 Total Allowed (Watts), 05 Total Adjusted (Watts), 06 Compliance Results.

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 5 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

Table with 4 columns: 01 Area Description, 02 Complete Building or Area Category Primary Function Area, 03 Allowed Density (W/ft²), 04 Area (ft²), 05 Allowed Wattage (Watts), 06 Additional Allowance / Adjustment.

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 6 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury under the laws of the State of California:

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: Energy Code Ace Compliance ID: 94742-0323-0002

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 3 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

Table with 4 columns: 01 Name or Item Tag, 02 Complete Luminaire Description, 03 Modular (Track) Fixture, 04 Small Aperture & Color Change, 05 Watts per luminaire, 06 How is Wattage determined, 07 Total Number of Luminaires, 08 Excluded per 140.6(a)3 / 170.2(e)2C, 09 Design Watts, 10 Field Inspector.

FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage.

Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

Table with 4 columns: 01 Name or Item Tag, 02 Complete Track Description, 03 Calculation Method per 130.0(c)6, 04 Track Wattage.

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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
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Project Name: CAFE DEL MAR ROASTER COFFEE SHOP Report Page: (Page 6 of 8)
Date Prepared: 2023-03-14T14:42:33-04:00

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS
This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This section does not apply to this project.

T. DWELLING UNIT LIGHTING
This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Form/Title

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: Energy Code Ace Compliance ID: 94742-0323-0002



Design | Engineering | Construction

Ben Hamed, ASSOC.AIA
Project Designer
ACC & ENGINEERING
768 N Ethan way, Anaheim CA 92805

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HORIZONS CONSTRUCTION
432 w Meats Avenue Orange, CA 92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS
3348 E COAST HWY CORONA DEL MAR CA 92662
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY
PLAN CHECK#RPC2022-2340

Table with 2 columns: REVIEW SUBMITTED BY OTHERS, DATE.

SEAL / STAMP



SHEET NAME
TITLE 24 ELECTRICAL

SHEET NUMBER
E-201



TYPE #

### AIR DEVICE SCHEDULE

MARK	FACE SIZE	TYPE	MOUNTING TYPE	DIRECTION	MANUF.	NOTES
S-1	-	SUPPLY	SURFACE/LAY-IN	4-WAY	TITUS (OR EQUIV.)	1,2,3,4
R-1	-	RETURN	SURFACE/LAY-IN	1-WAY	TITUS (OR EQUIV.)	1,2,3

- NOTES:
- PROVIDE NECESSARY MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED.
  - ALL AIR DEVICES SHALL HAVE MANUFACTURER-APPLIED STANDARD WHITE FINISH UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DRAWINGS FOR RCP COORDINATION.
  - AIR DEVICE SHALL BE OF STEEL CONSTRUCTION.
  - AIR DEVICE SHALL BE INSTALLED COMPLETE WITH MANUFACTURER AVAILABLE MOLDED INSULATION BACKING. FIELD-FABRICATED INSULATION BACKING IS NOT ALLOWED UNLESS FIRST APPROVED BY THE OWNER'S CONSTRUCTION MANAGER.

### EXISTING OUTDOOR HEAT PUMP SCHEDULE

EQ #	MARK	MANUFACTURER	MODEL	NOMINAL TONS	COOLING CAP. (BTUH)	HEATING CAP. (BTUH)	ELECTRICAL			EER / SEER	HSPF	WEIGHT (LBS)	DIMENSIONS (HxWxD) (INCHES)
							V/PH/Hz	MCA	MOCP				
HP-1		RHEEM	RQKA - A036JK	4	-	-	-	-	-	-	-	-	-

- NOTES:
- INSTALL OUTDOOR UNIT WITH DISCONNECT SWITCH AND ALL WEATHERPROOF GFCI.
  - INSTALL PER MANUFACTURER'S MANUAL.

- NOTES:
- THERMOSTATS INSTALLED AT 48°F.
  - EXTEND CONDENSATE DRAIN DIRECTLY TO A LOCAL CODE APPROVED RECEPTOR.
  - INSTALL PER MANUFACTURER'S MANUAL.

### VENTILATION SCHEDULE

ROOM	AREA S.F.	OSA REQUIRED		EXHAUST REQUIRED		
		RATE (CFM/SF)	REQ. CFM	RATE (CFM/SF)	REQ. CFM	PROVIDED CFM
105 + 101	332	0.5	166	0	0	0
104 SERVICE AREA	138	0.15	21	0	0	0
KITCHEN AREA	322	0.15	50	0	0	0
UNI-SEX RESTROOM	44	0	0	70/WC.URL	70	110
ROASTER MACHINE			336	0	0	
TOTAL REQUIRED			573			
TOTAL PROVIDED			600			

### COFFEE ROASTER EXHAUST DUCT SYSTEM

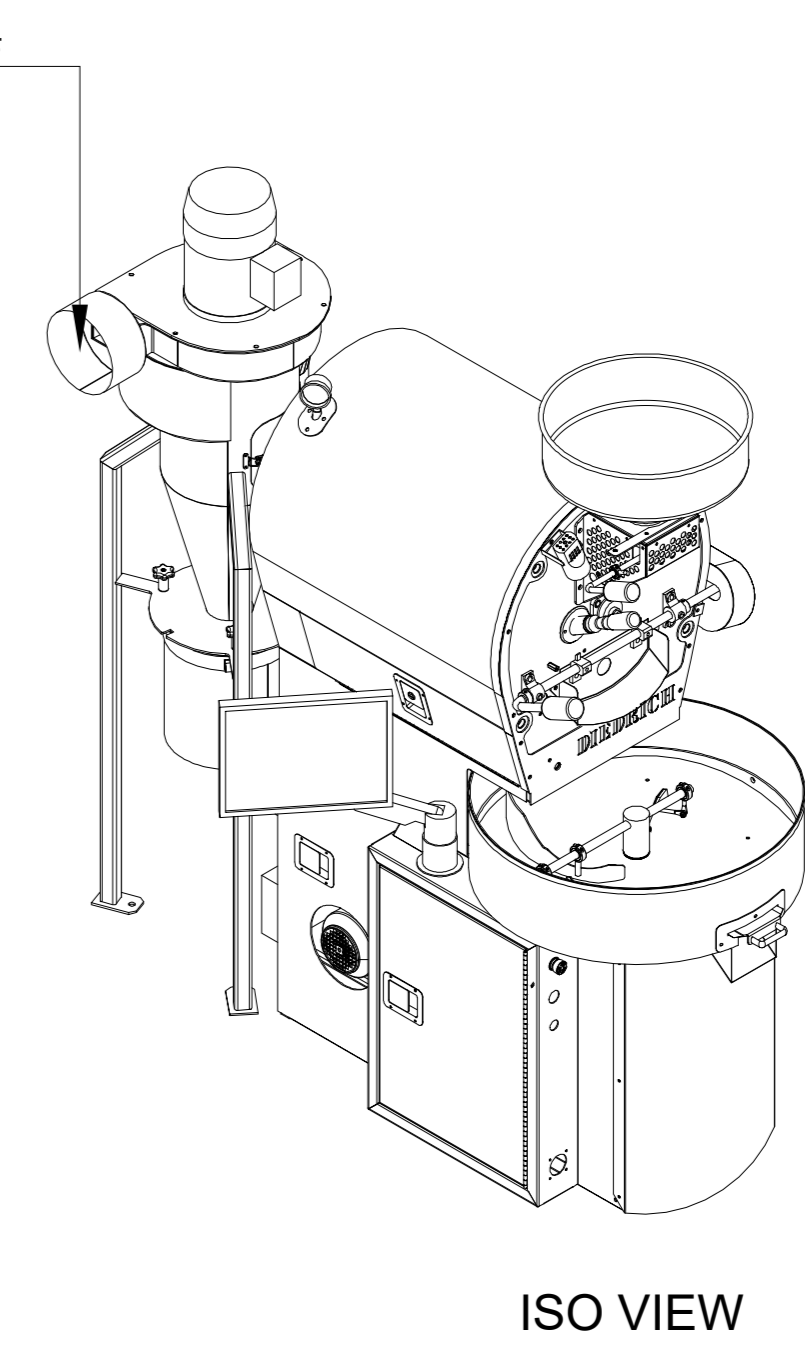
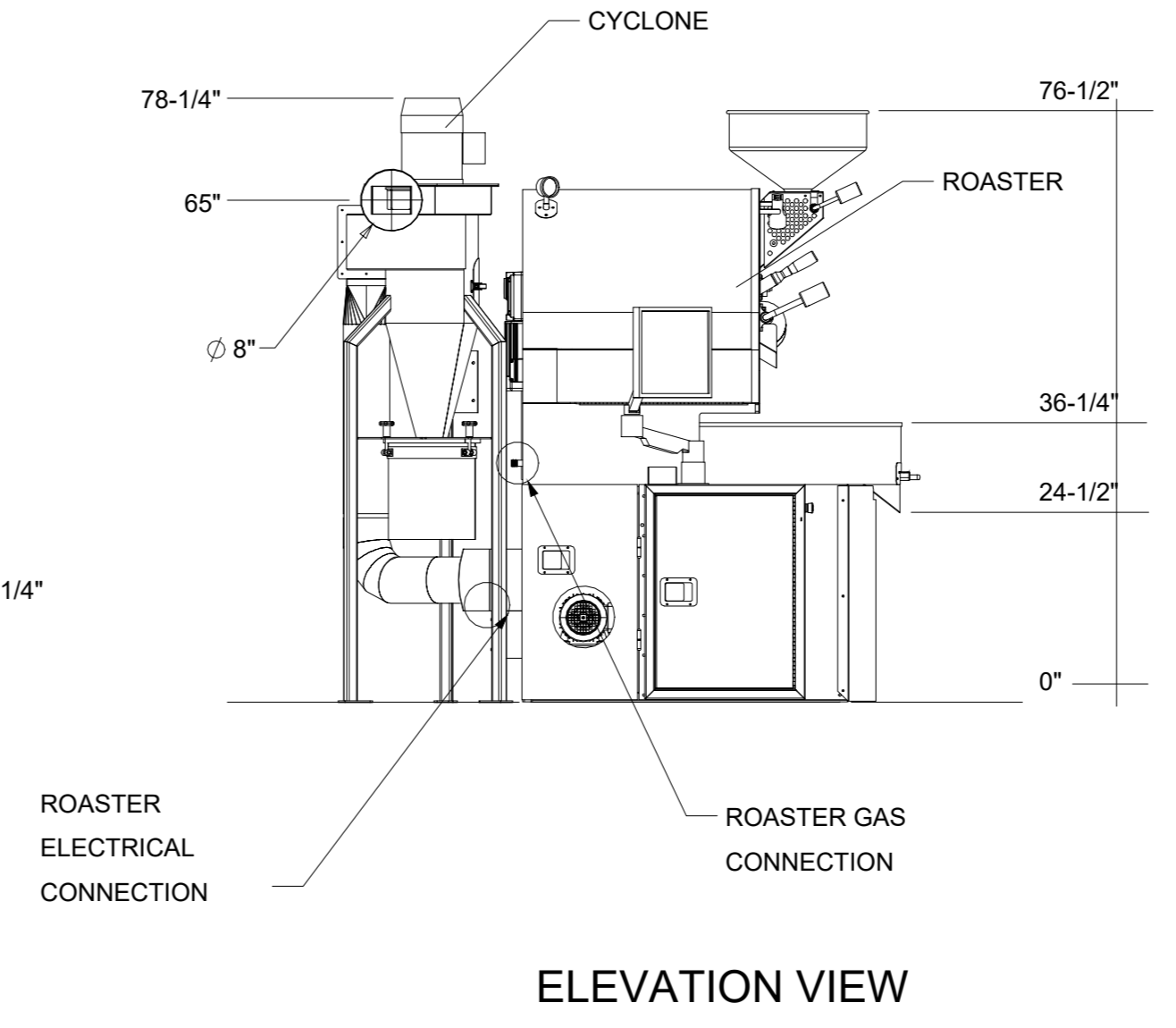
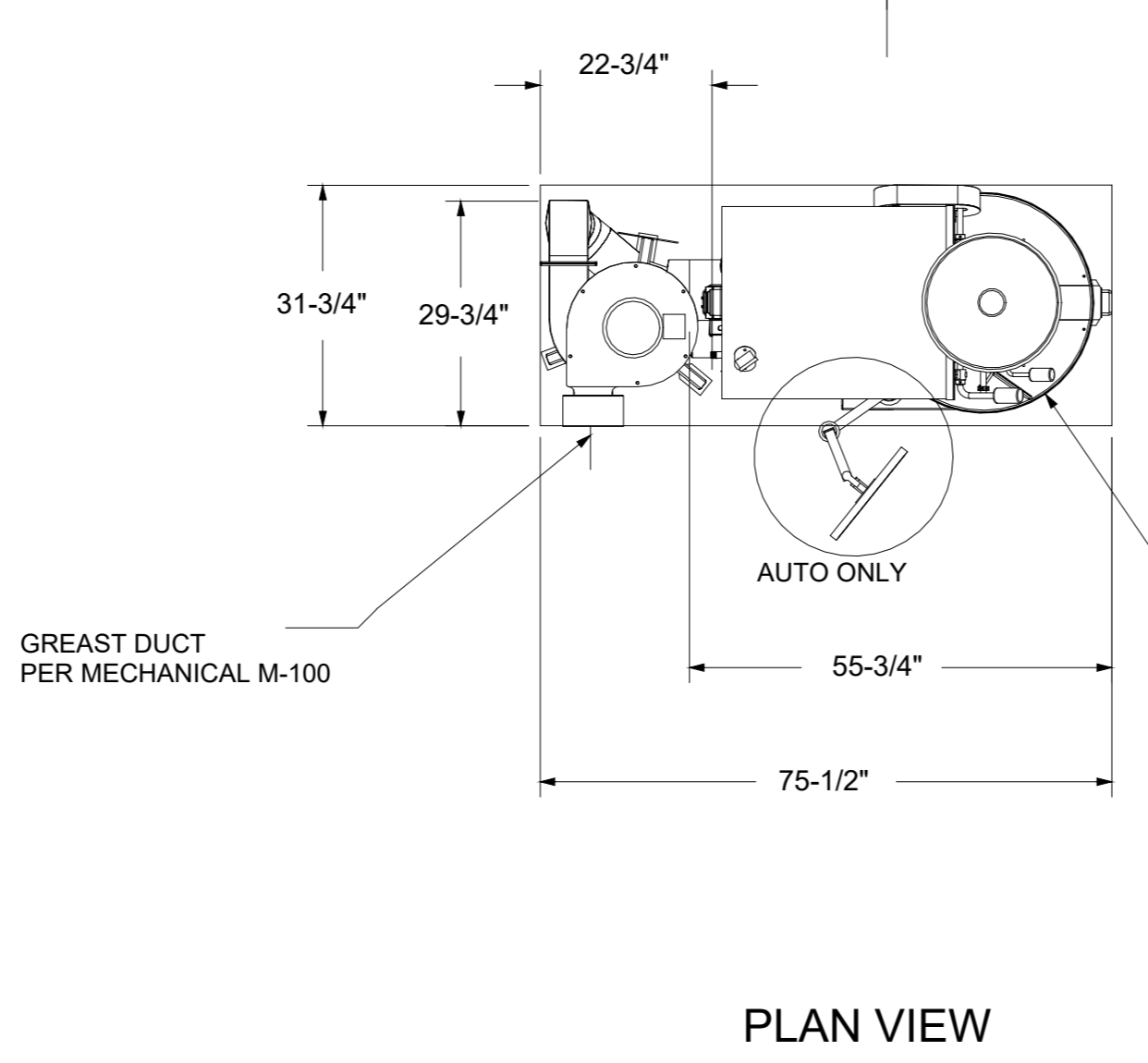
#### IMPORTANT DUCT REQUIREMENTS

- DUCTING MUST BE SUITABLE FOR 500°F CONTINUOUS, 2,000°F FOR 30 MINUTES, AND COMPLY WITH UL-1978/ULC-SC662 STANDARD FOR GREASE DUCTS IN THE USA.
- INSTALLATION MUST BE DONE IN ACCORDANCE WITH APPROPRIATE NFPA STANDARDS.
- THE INSTALLATION MUST ALSO COMPLY WITH THE MANUFACTURER'S INSTALLATION SPECIFICATIONS AND ALLOWABLE DISTANCE TO COMBUSTIBLE/NONCOMBUSTIBLE MATERIALS.
- THE EXHAUST SYSTEM TO OPERATE WITH A STATIC FLUE PRESSURE BETWEEN NEGATIVE 0.15" WC (NEGATIVE PRESSURE - SUCTION) AND POSITIVE 0.25" WC (BACK PRESSURE) AT THE EXHAUST OF THE ROASTER (CYCLONE OR AFTERBURNER, AS APPLICABLE) WHILE IN OPERATION.
- THE CAP SHOULD NOT HAVE A SCREEN SINCE IT WILL CLOG WITH RESIDUE OF CHAFF OVER TIME.
- THE ROASTER (CYCLONE) MUST NOT SUPPORT THE WEIGHT OF THE EXHAUST SYSTEM. DUCTING MUST BE CONNECTED TO THE ROASTER BASED ON THE DUCTING MANUFACTURER'S RECOMMENDATION.
- THE EXHAUST DUCT MUST TERMINATE TO THE ROOF WITH A MIN DISTANCE OF 1 FEET OF ANY MAKE UP AIR UNITS.
- SEE SHEET M-200 FOR CYCLONE DUCT DETAILS & DUCT SUPPORT.

### NEW COFFEE ROASTER SYSTEM WITH CYCLONE FILTRATION SYSTEM

EQ #	MARK	MANUFACTURER	MODEL	EXHAUST AIR FLOW MAX. (CFM)	EXHAUST DUCT (O.D.)	TEMP. HIGH LIMIT (DEGRES)	GAS INFORMATION				WEIGHT (LBS)	DIMENSIONS LxWxH (INCHES)
							GAS TYPE	GAS MAX CONSUMPTION	INLET PRESSURE	INLET SUPPLY CONNECTION		
ROASTER -1		DIEDRICH ROASTERS	IR-12 MANUAL WITH FILTER CYCLONE	363	8 INCHES	475°F BURNER OFF, 485°F PILOT OFF	NATURAL GAS	90,000 BTU/HR	8-9 IN WC	1" MALE NPT ON ROASTER	1,252	55 1/4" X 29 1/4" X 76 1/4" IN

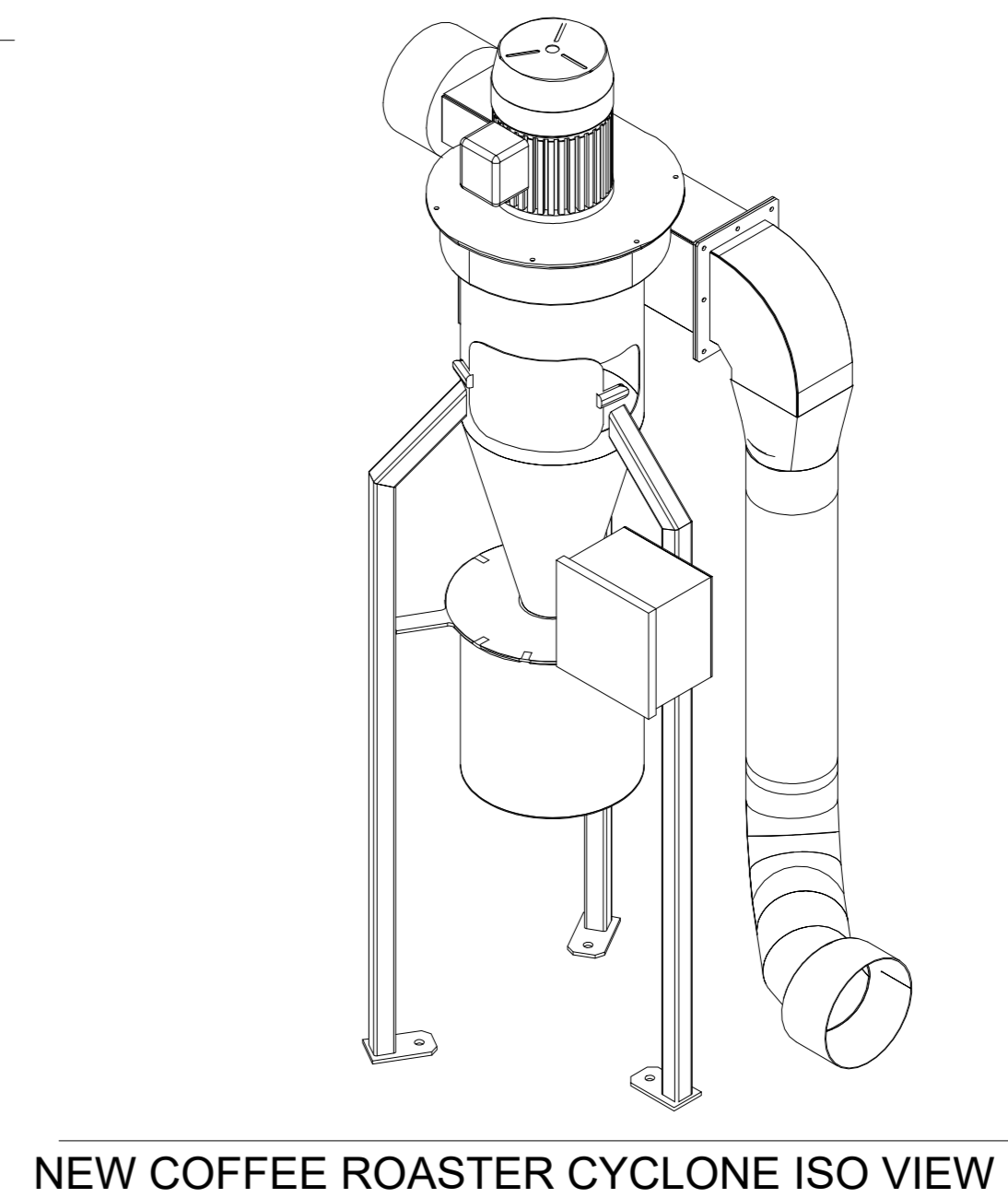
- NOTE:
- COFFEE ROASTER TO BE EQUIPPED WITH A BLOWER WHICH FORCES EXHAUST AIR INTO DUCTING.



### NEW COFFEE ROASTER WITH CYCLONE FILTRATION SYSTEM

#### DUCT SPECIFICATIONS FOR CYCLONE

- SECTION PREFABRICATED, FIRE-RESISTANCE RATED GREASE DUCT FOR REMOVAL OF GREASE AND SMOKE LADEN VAPORS
- SPECIFICATIONS
- TAG: DOUBLE WALL GREASE DUCT
- PART 1 - GENERAL 1.1 SUMMARY
- A. FACTORY-BUILT DOUBLE WALL GREASE DUCT.
- QUALITY ASSURANCE
- A. LISTED AND COMPLIES WITH SAFETY STANDARDS UL1978, UL2221, CAN/ULC-S144 AND TESTING HAS BEEN EXTENDED TO RECOGNIZE ASTM E2336 AND AC101 DUE TO SIMILAR TESTING CRITERIA.
- B. WHEN INSTALLED IN ACCORDANCE WITH THESE INSTRUCTIONS AND NATIONAL FIRE PROTECTION ASSOCIATION "NFPA 96" STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS, UL 2221; STANDARD FOR FIRE RESISTIVE GREASE DUCT ENCLOSURE ASSEMBLIES.
- CONSTRUCTION
- A. INNER DUCT SECTION WALL SHALL BE CONSTRUCTED OF .036" THICK, 430 TYPE STAINLESS STEEL AND BE AVAILABLE IN DIAMETERS 5" THROUGH 10".
- B. OUTER DUCT SECTION WALL SHALL BE CONSTRUCTED OF 430 STAINLESS STEEL AT A MINIMUM OF .024 THICKNESS.
- C. DUCT SHALL INCLUDE 2 LAYERS OF SUPER WOOL 607 PLUS OR INSULFRAX ELITE BLANKET BETWEEN THE INNER AND OUTER WALL INSULATION BETWEEN THE INNER AND OUTER WALL.
- D. DUCT SECTIONS SHALL BE HELD TOGETHER BY THE MEANS OF A FORMED V CLAMP. V CLAMPS SHALL BE OF THE HEX-HEAD TYPE WITH FLANGED STOPS AND TAPERED "LEAD IN" THREADS.
- E. DUCT JOINTS SHALL BE SEALED WITH 3M FIRE BARRIER 2000+ F.
- PART 3 - EXECUTION 3.1 EXAMINATION
- A. EXAMINE AREAS AND CONDITIONS FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF WORK.
- B. IF UNSATISFACTORY CONDITIONS EXIST, CORRECT CONDITIONS PRIOR TO INSTALLATION.



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No.: 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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HORIZONS CONSTRUCTION  
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92865  
LIC#825022

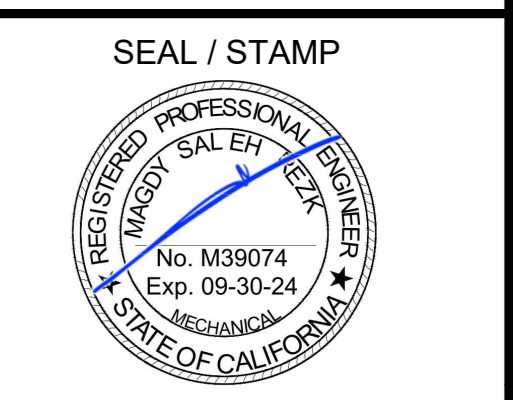
PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA 92662  
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)  
BUILDING DIVISION | CITY OF NEWPORT BEACH

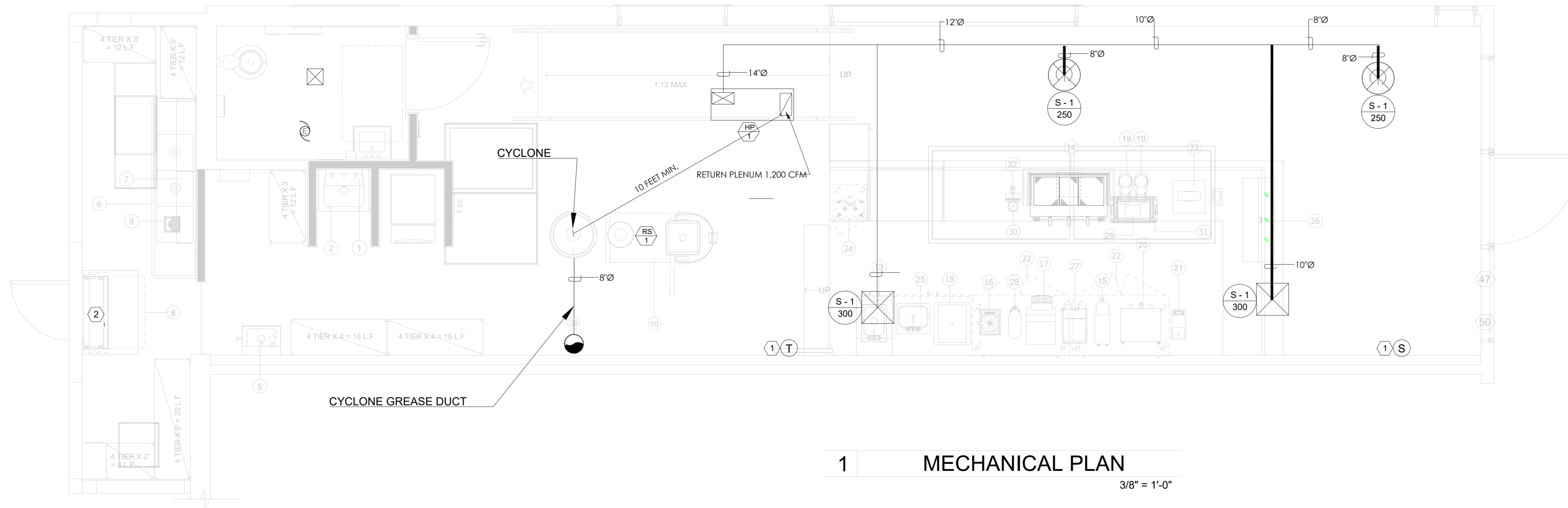
REVISIONS HISTORY

NO.	DESCRIPTION	DATE
1	PLAN CHECK/RPC2022-2340	
1ST REVIEW SUBMITTED BY OTHERS		9/21/2022
2ND REVIEW SUBMITTED BY OTHERS		10/20/2022
3RD REVIEW BY ACC & ENGINEERING		03/10/2023



SHEET NAME  
MECHANICAL SCHEDULES

SHEET NUMBER  
M001



# KEYED PLAN NOTES:

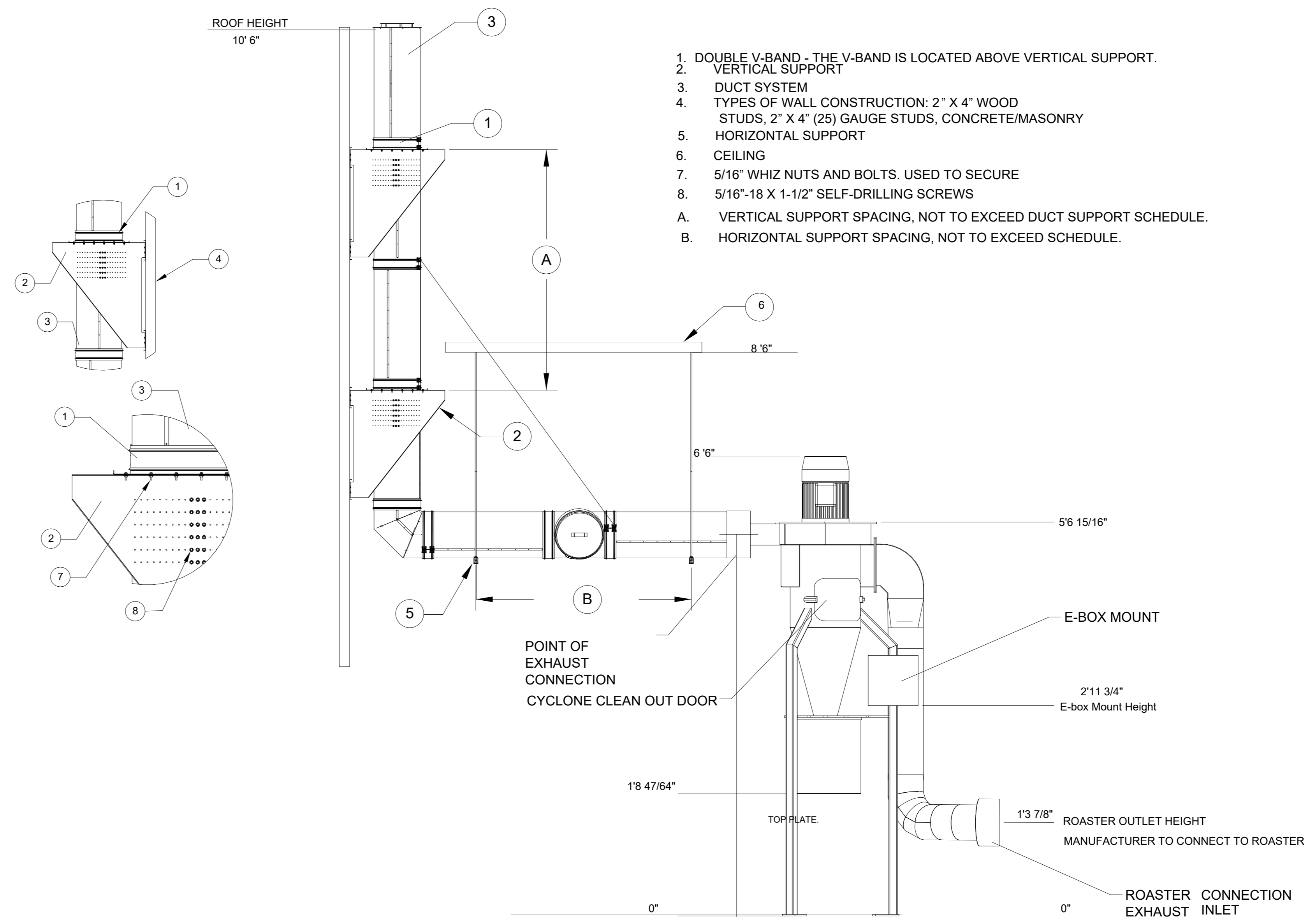
1. INSTALL PROGRAMMABLE THERMOSTAT 48" AFF AND MOUNT REMOTE SENSORS HIGH ON WALL.
2. INSTALL AIR CURTAIN AT DELIVERY DOOR. THE AIR CURTAIN SHALL PROVIDE A DOWNWARD-OUTWARD FLOW NOT LESS THAN 8" WIDE NOZZLE AND AN AIRFLOW NOT LESS THAN 1600 FPM ACROSS THE ENTIRE OPENING AT A POINT MEASURED 3' ABOVE THE FLOOR. THE AIR CURTAIN MUST BE ON AUTOMATICALLY WHEN THE DOOR IS OPENED.

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE CYCLONE OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

DUCT DIAMETER	HORIZONTAL SUPPORT (FT)	VERTICAL WALL SUPPORT (FT)	VERTICAL CURB SUPPORT (FT)
5"	10'	10'	24'
6"	10'	10'	24'
7"	10'	10'	24'
8"	10'	10'	24'
10"	10'	10'	24'
12"	10'	10'	24'

ALL DUCT PREFABRICATED, FIRE-RESISTANCE RATED GREASE DUCT FOR REMOVAL OF GREASE AND SMOKE LADEN VAPORS MODEL DW-2R IS CLASSIFIED UNDER UL2221 (TEST OF FIRE RESISTIVE DUCT ENCLOSURE ASSEMBLIES) AS AN ALTERNATE TO 2-HR. FIRE RESISTIVE SHAFT ENCLOSURES WITH A REDUCED CLEARANCE TO COMBUSTIBLES (SIZES 5" TO 18" DIAMETER). MODEL 2R IS LISTED IN ACCORDANCE WITH THE REQUIREMENTS FOR DUCT ENCLOSURE CONDITION

DUCT SUPPORT SCHEDULE



1. DOUBLE V-BAND - THE V-BAND IS LOCATED ABOVE VERTICAL SUPPORT.
  2. VERTICAL SUPPORT
  3. DUCT SYSTEM
  4. TYPES OF WALL CONSTRUCTION: 2" X 4" WOOD STUDS, 2" X 4" (25) GAUGE STUDS, CONCRETE/MASONRY
  5. HORIZONTAL SUPPORT
  6. CEILING
  7. 5/16" WHIZ NUTS AND BOLTS, USED TO SECURE
  8. 5/16"-18 X 1-1/2" SELF-DRILLING SCREWS
- A. VERTICAL SUPPORT SPACING, NOT TO EXCEED DUCT SUPPORT SCHEDULE.  
B. HORIZONTAL SUPPORT SPACING, NOT TO EXCEED SCHEDULE.



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No. 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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CONTRACTOR



HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA  
92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA  
92652

YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

NO.	REVISION	DATE
1ST REVIEW SUBMITTED BY OTHERS		9/21/2022
2ND REVIEW SUBMITTED BY OTHERS		10/20/2022
3RD REVIEW BY ACC & ENGINEERING		03/10/2023

SEAL / STAMP



SHEET NAME

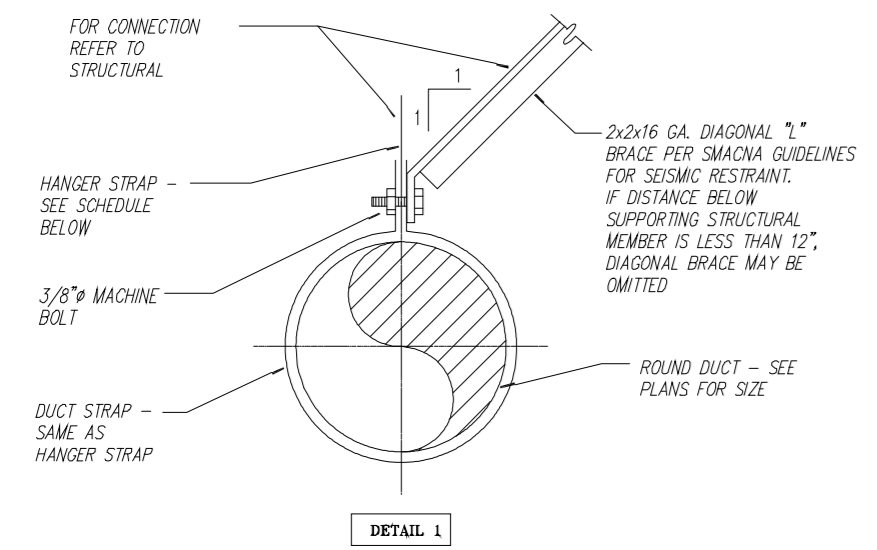
MECHANICAL PLAN

SHEET NUMBER

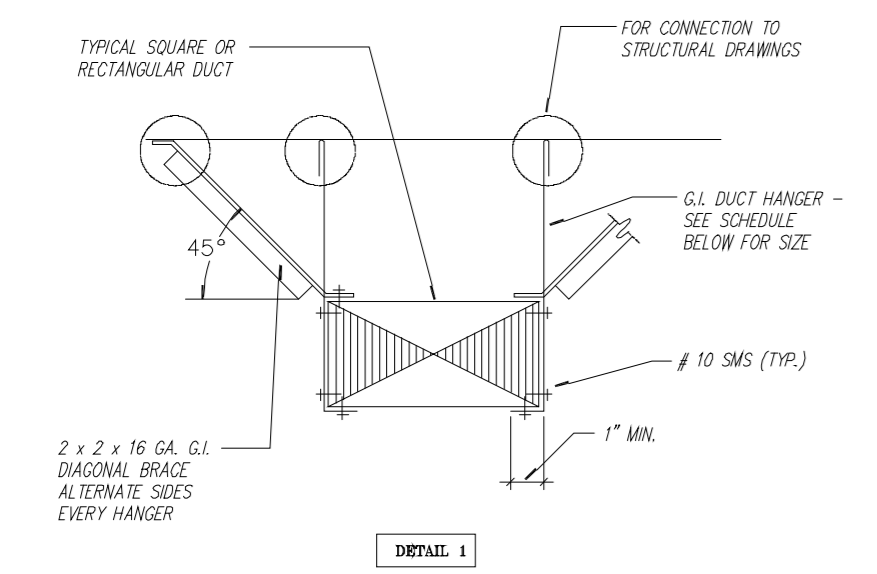
M100

NOTE: WHERE DUCT IS LARGER THAN 28" USE 2 1/2" x 2 1/2" x 16 GA. VERTICAL ANGLE IN PLACE OF HANGER STRAP AT EACH SECOND BRACE.

HANGER STRAP SCHEDULE			
DUCT SIZE	STRAP SIZE	MAX. LOAD EA. HANGER	MAX. SPACING
UP THRU 10"	1" x 22 GA.	260 LBS	10'-0"
11" TO 18"	1" x 22 GA.	260 LBS	10'-0"
19" TO 24"	1" x 22 GA.	260 LBS	10'-0"
25" TO 36"	1" x 20 GA.	300 LBS	10'-0"



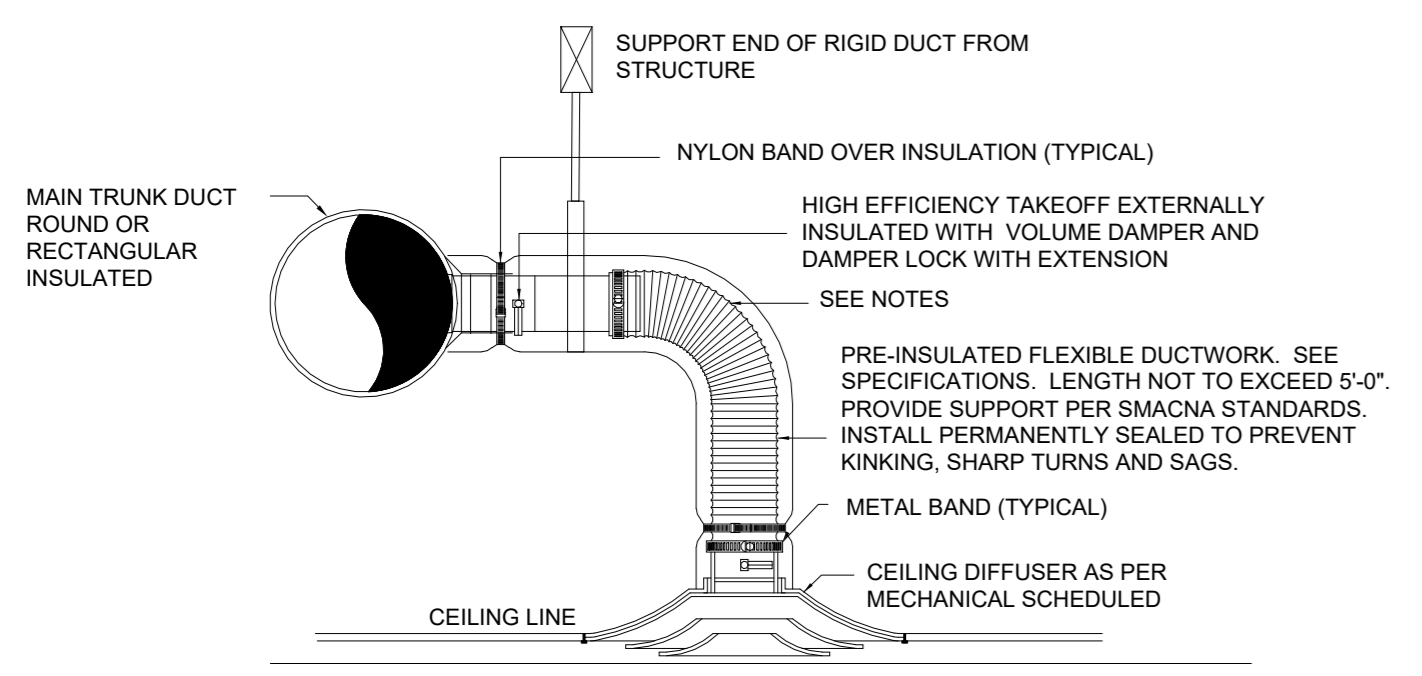
ROUND DUCT  
RECTANGULAR DUCT



MAX. HALF OF DUCT PERIMETER	MAX. LOAD EACH HANGER	HANGER SIZE	HANGER SPACING
6/2 = 30"	260 LBS	1" x 22 GA.	10'-0" O/C
6/2 = 72"	420 LBS	1" x 18 GA.	10'-0" O/C
6/2 = 96"	700 LBS	1" x 16 GA.	10'-0" O/C
6/2 = 120"	1100 LBS	1 1/2" x 16 GA.	10'-0" O/C

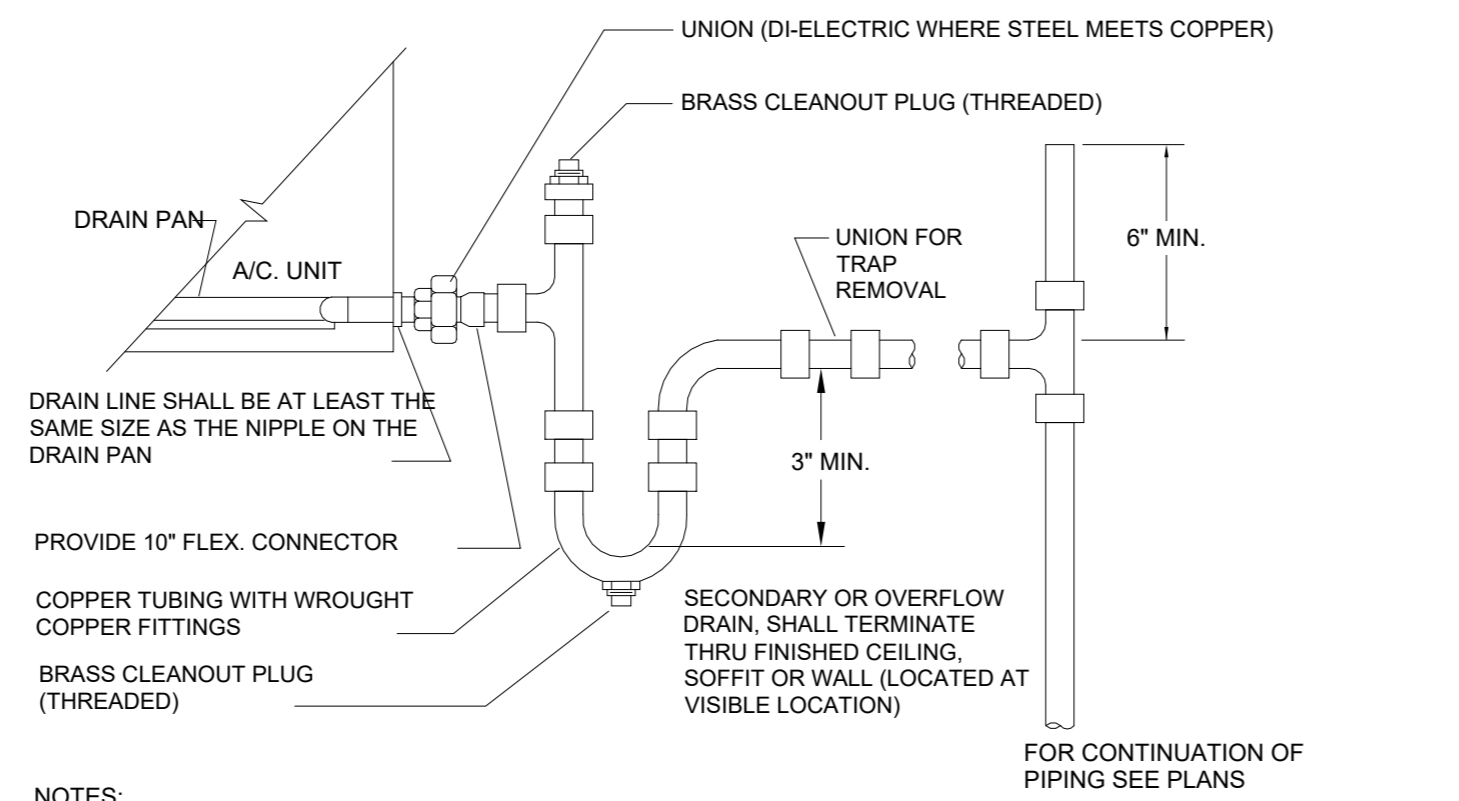
DUCT SUPPORT DETAIL

SCALE: N.T.S. 1



CEILING DIFFUSER DETAIL

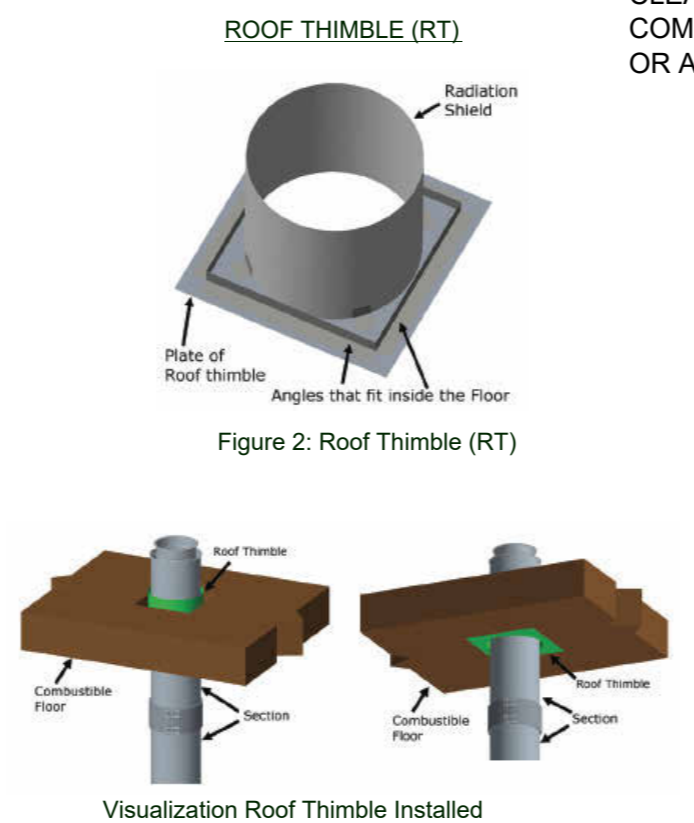
SCALE: N.T.S. 2



CONDENSATE DRAIN DETAIL

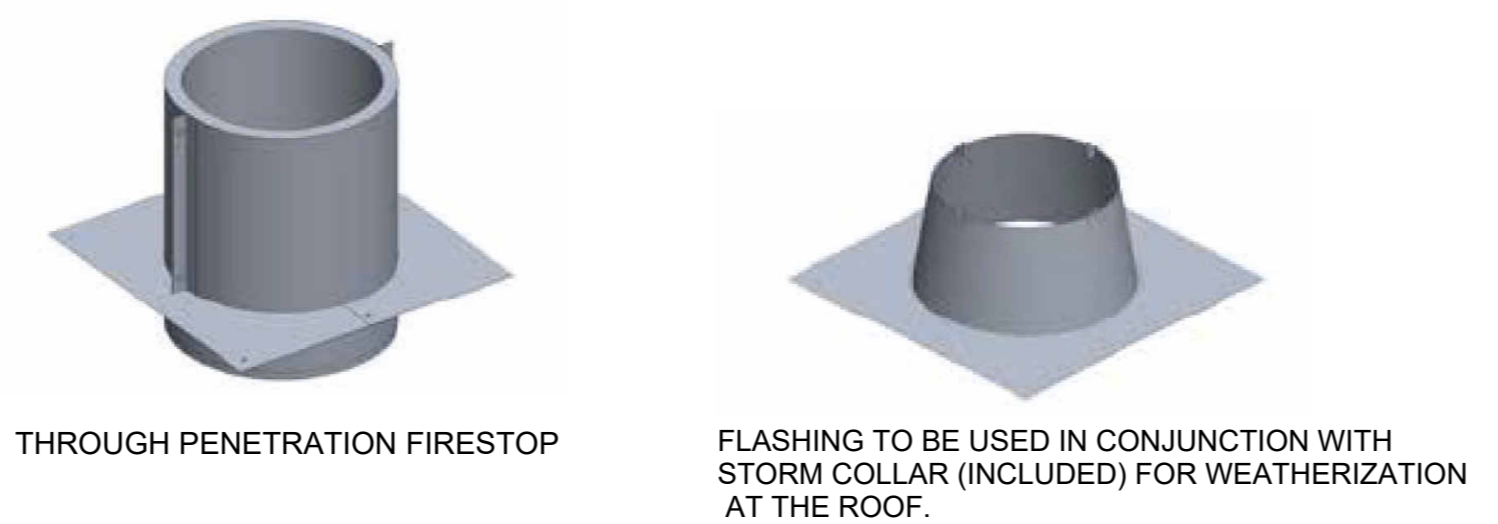
SCALE: N.T.S. 3

A CHIMNEY THAT MUST PENETRATE THROUGH A FLOOR, ROOF OR WALL MADE OF COMBUSTIBLE MATERIALS, MUST USE A ROOF THIMBLE (RT) OR A WALL THIMBLE (WT). THE MINIMUM AIR SPACE CLEARANCE BETWEEN THE OUTER WALL OF THE CHIMNEY AND THE COMBUSTIBLE MATERIAL OF THE ROOF / FLOOR / WALL LISTED IN THE TABLE 1 MUST ALWAYS BE RESPECTED WHEN USING A ROOF THIMBLE (RT) OR A WALL THIMBLE (WT).



CYCLONE DUCT ROOF PENETRATION

SCALE: N.T.S. 2



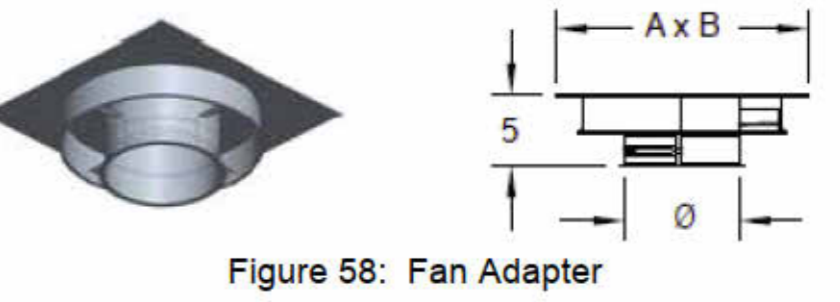
CYCLONE DUCT ROOF PENETRATION

Table 90: Offset Chart of elbows

Diameter (Ø in.)	Minimum (2) Elbow Offsets - DES4			
	30°	15°	30°	45°
5	1/2	2 3/4	6 1/8	10 24 1/2
6	1/2	2 3/4	6 1/4	10 1/4 26 1/2
7	1/2	2 3/4	6 3/8	10 1/2 28 1/2
8	1/2	2 3/4	6 1/2	10 7/8 27 1/2
9	1/2	2 3/4	6 5/8	11 1/8 28 1/2
10	1/2	2 7/8	6 3/4	11 3/8 29 1/2
11	1/2	2 7/8	6 7/8	11 3/4 30 1/2
12	1/2	3	7	12 31 1/2
13	1/2	3	7 1/8	12 1/4 32 1/2
14	1/2	3	7 1/4	12 5/8 33 1/2
16	1/2	3 1/8	7 5/8	13 1/8 35 1/2
18	1/2	3 1/8	7 7/8	13 3/4 37 1/2
20	1/2	3 1/4	8 1/8	14 3/8 39 1/2
22	1/2	3 1/4	8 3/8	14 7/8 41 1/2
24	1/2	3 3/8	8 5/8	15 1/8 43 1/2
26	1/2	3 3/8	8 7/8	15 1/8 45 1/2
28	1/2	3 1/2	9 1/8	16 3/4 47 1/2
30	1/2	3 1/2	9 1/2	17 1/4 49 1/2
32	1/2	3 5/8	9 3/4	17 7/8 51 1/2
34	1/2	3 3/4	10	18 1/2 53 1/2
36	1/2	3 3/4	10 1/4	19 55 1/2

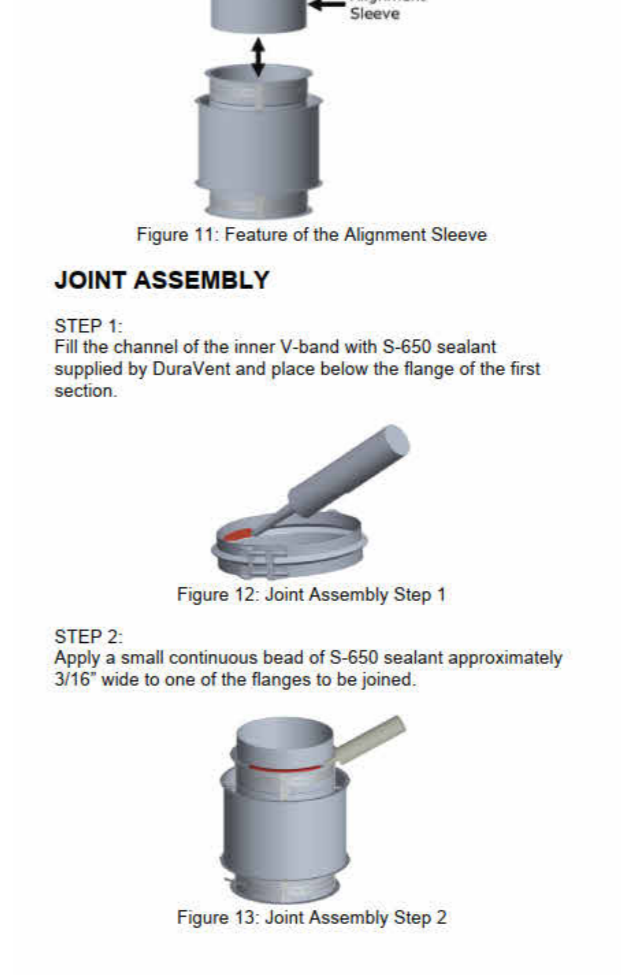
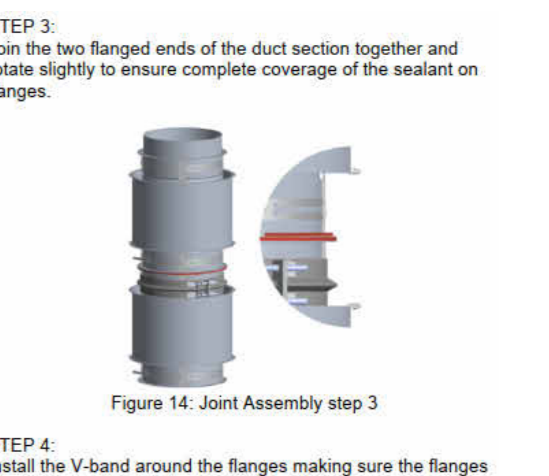
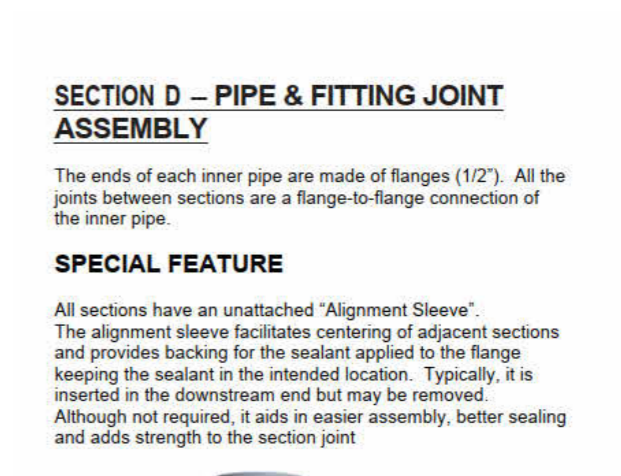
Table 90: Offset Chart of elbows

Diameter (Ø in.)	Minimum (2) Elbow Offsets - DES2			
	30°	15°	30°	45°
5	1/2	2 5/8	5 3/4	9 3/8 22 1/2
6	1/2	2 5/8	5 7/8	9 5/8 23 1/2
7	1/2	2 3/4	6	9 7/8 24 1/2
8	1/2	2 3/4	6 1/8	10 1/4 25 1/2
9	1/2	2 3/4	6 3/8	10 1/2 26 1/2
10	1/2	2 3/4	6 1/2	10 3/4 27 1/2
11	1/2	2 7/8	6 5/8	11 1/8 28 1/2
12	1/2	2 7/8	6 3/4	11 3/8 29 1/2
13	1/2	2 7/8	6 7/8	11 5/8 30 1/2
14	1/2	2 7/8	7	12 31 1/2
16	1/2	2 1/2	7 1/4	12 1/2 33 1/2
18	1/2	3 1/8	7 1/2	13 1/8 35 1/2
20	1/2	3 1/8	7 3/4	13 3/4 37 1/2
22	1/2	3 1/4	8 1/8	14 1/4 39 1/2
24	1/2	3 1/4	8 3/8	14 7/8 41 1/2
26	1/2	3 3/8	8 5/8	15 1/2 43 1/2
28	1/2	3 3/8	8 7/8	16 45 1/2
30	1/2	3 1/2	9 1/8	16 5/8 47 1/2
32	1/2	3 1/2	9 3/8	17 1/4 49 1/2
34	1/2	3 5/8	9 5/8	17 3/4 51 1/2
36	1/2	3 3/4	9 7/8	18 3/8 53 1/2



CONE RAIN CAP (CRC) / CONE RAIN CAP with BIRDSCREEN (CRCB)

Used to provide the greatest degree of rain protection for a standard vertical termination without fan.



STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 1 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 1 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

A. GENERAL INFORMATION Table with 4 columns: 01 Project Location (city), 02 Climate Zone, 03 Occupancy Types Within Project, 04 Total Conditioned Floor Area, 05 Total Unconditioned Floor Area, 06 # of Stories (Habitable Above Grade)

B. PROJECT SCOPE This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)(2) and 180.2(b)(2) for alterations.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 5 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 5 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

Fan Energy Index (FEI) Table with 3 columns: 01 Name or Item Tag, 02 FEI Exception, 03 FEI

I. SYSTEM CONTROLS This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)(4D) 170.2(c)(4L) or requirements in 141.0(b)(2) 180.2(b)(2) for altered space conditioning systems.

J. VENTILATION AND INDOOR AIR QUALITY This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1, 120.2(c)(38) 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and d124refnlnk/160.2, 160.3(a)(3D), 170.2(a)(4M), 170.2(a)(4O) for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 8 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 8 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

M. COOLING TOWERS This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Form/Title: NRC-MCH-01-E - Must be submitted for all buildings

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE Form/Title: NRC-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION Form/Title: NRC-MCH-04-H Duct Leakage Test NOTE: Must be completed by a HERS Rater

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 2 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 2 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

C. COMPLIANCE RESULTS Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user.

D. EXCEPTIONAL CONDITIONS This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS) Space Conditioning System Information Table with 6 columns: 01 System Name, 02 Quantity, 03 System Serving, 04 System Status, 05 Space Type, 06 Utilizing Recovered Heat

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 3 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 3 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

L. VENTILATION AND INDOOR AIR QUALITY Table with 7 columns: 01 System Name, 02 System Design OA CFM, 03 System Design Transfer Air CFM, 04 System Design OA CFM, 05 System Design Transfer Air CFM, 06 System Design OA CFM, 07 System Design Transfer Air CFM

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 9 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 9 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

Q. MANDATORY MEASURES DOCUMENTATION LOCATION This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 3 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 3 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS) Dry System Equipment Sizing (Includes air conditioners, condensers, heat pumps, VRS, furnaces and unit heaters and DOAS systems)

Dry System Equipment Efficiency (Other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)

G. PUMPS This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 7 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 7 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

K. TERMINAL BOX CONTROLS This section does not apply to this project.

L. DISTRIBUTION (DUCTWORK AND PIPING) This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(g) for duct sealing.

Duct Leakage Testing Table with 3 columns: 01 System Name, 02 Duct Leakage Testing, 03 Duct Leakage Testing

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 10 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 10 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate and complete.

RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California:

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 1 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 1 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

H. FAN SYSTEMS & AIR ECONOMIZERS This table is used to demonstrate compliance with prescriptive requirements found in 140.4(e), 140.4(f), 140.4(n), 170.2(c)(3), and 170.2(c)(4A) for fan systems.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 7 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 7 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION MECHANICAL SYSTEMS CERTIFICATE OF COMPLIANCE NRC-CMCH-E (Page 10 of 10) Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 10 of 10) Project Address: 3348 COAST HWY E NEWPORT BEACH, CA 92662 Date Prepared: 2023-03-14T15:36:16-04:00

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101

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Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101



Design | Engineering | Construction

Ben Hamed, ASSOC.AIA Project Designer ACC & ENGINEERING 768 N Ethan way, Anaheim CA 92805 Phone No. : 951-903-228 Ben@accandengineering.com www.accandengineering.com

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HORIZONS CONSTRUCTION 432 w Meats Avenue Orange, CA 92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS 3348 E COAST HWY CORONA DEL MAR CA 92662 YAHYA SHANNAK

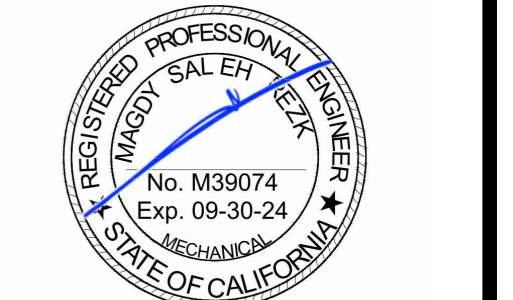
AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

Table with 3 columns: Revision Number, Description, Date

SEAL / STAMP



SHEET NAME MECHANICAL TITLE 24

SHEET NUMBER M-201





**PLUMBING FIXTURE SCHEDULE**

ITEM	FIXTURE	COLD WATER	HOT WATER	WASTE	TRAP	VENT	CONNECTION TYPE	DESCRIPTION
WC 1	WATER CLOSET (ADA APPROVED)	1/2"	-	4"	INT.	2"	DIRECT	"KOHLER" KINGSTON MODEL K-4300 WHITE VITREOUS CHINA WALL MOUNTED TOILET WITH ELONGATED BOWL OR APPROVED EQUAL. INCLUDE ZURN Z600AV-WST1 GPF. INCLUDE MODEL K-4650 ELONGATED OPEN FRONT TOILET SEAT. TOILET SHALL BE ADA. ASME A112.19.2 AND ASME A112.19.6 COMPLIANT.
L 1	LAVATORY (ADA APPROVED)	1/2"	1/2"	2"	1-1/2"	2"	DIRECT	"KOHLER" HUDSON MODEL K-2849 CAST IRON WALL MOUNT LAVATORY OR APPROVED EQUAL (BOLD HOLES) AND OVERFLOW. INCLUDE "KOHLER" TRITON MODEL K74015A BRASS LAVATORY FAUCET WITH POLISHED CHROME FINISH AND AERATOR, POP UP DRAIN, AND WRISTBLADE LEVER HANDLES. LAVATORY AND FAUCET SHALL BE ADA COMPLIANT AND MEET ASME A112.9.1M AND ASME A112.18.1 COMPLIANT.
HS 1	HAND SINK (ADA COMPLIANT)	1/2"	1/2"	2"	1-1/2"	2"	DIRECT	HUNG STAINLESS STEEL HAND SINK OR EQUAL WITH SPLASH MOUNTED GOOSENECK FAUCET, BASKET DRAIN, P-TRAP AND TAILPIECE. NSF APPROVED. (1.0gpm FLOW RATE)
S 3	3 COMPARTMENT	1/2"	1/2"	2"	1-1/2"	1-1/2"	INDIRECT	GSW SE18183D THREE COMPARTMENT SINK W/ 18" LEFT & RIGHT DRAINBOARDS. INSTALL W/ FISHER 34479 BACKSPLASH PRE-RINSE FAUCET, 14" ADD-ON FAUCET, 1.15 GPM SPRAY VALVE. EQUIVALENT FIXTURE ACCEPTABLE.
S 1	1 COMPARTMENT	1/2"	1/2"	2"	1-1/2"	2"	INDIRECT	ADVANCE TABCO 10" BOWL DEPTH SS-1-1715-10 EQUIVALENT FIXTURE ACCEPTABLE.
MS 1	MOP SINK	1/2"	1/2"	3"	3"	2"	DIRECT	PRECAST MOLDED STONE MOP SERVICE BASIN, 24"x24"x12" HIGH STAINLESS STEEL THRESHOLD AND #830-AA FAUCET WITH VACUUM BREAKER AND HOSE END, #832-AA HOSE AND HOSE BRACKET, #1453-BB AND STAINLESS STEEL STRAINER AND #889-CC MOP HANGER.
WH 1	WATER HEATER	3/2"	3/4"	-	-	-	DIRECT	EXISTING TO REMAIN RHEEM/RUUD COMMERCIAL ELECTRIC WATER HEATER MODEL ELD52 WITH 50 GALLON CAPACITY GLASS LINED TANK, 61 GPH RECOVERY RATE AT 60 CONTROL, 9KW, 208V, 3PH, 60HZ, COMPLETE WITH ALL INCLUDING TEMPERATURE AND PRESSURE RELIEF VALVE AND DRAIN VALVE SIZED FOR APPLICATION EXPANSION TANK.
ET 1	EXPANSION TANK	1/2"	1/2"	-	-	-	DIRECT	EXISTING TO REMAIN RHEEM/RUUD "THERM-X-GUARD" PORTABLE WATER EXPANSION TANK, MODEL RRT-5.5 GALLON TANK VOLUME, STD FACTORY PRE-CHARGE AT 40 PSI, PROVIDE STRAP AND SUPPORT.
FS 1	FLOOR SINK	1/2" TRAP PRIMER	-	2"	2"	2"	DIRECT	ZURN Z-1902, 12" SQUARE TOP, HALF GRATE COVER AND 8" DEEP DOME STRAINER. EQUIVALENT FIXTURE ACCEPTABLE.
TP 1	TRAP PRIMER	1/2"	-	-	-	-	DIRECT	EXISTING TO REMAIN TRAP PRIMER: (SINGLE DRAWN DISTRIBUTION), "PRECISION PLUMBING PRODUCT, INC" OREGAN #1 PG-500 TRAP PRIMER, PRISTON OPERATED (TO OPERATE LESS THEN 1 PSI PRESSURE DROP), PROVIDE WITH 1/2" CW LINE TO FLOOR DRAIN, ISOLATION VALVE, & STAINLESS STEEL ACCESS PANEL.
FD 1	FLOOR DRAIN	-	-	2"	2"	1-1/2"	DIRECT	"J.R. SMITH" MODEL #2005Y ROUND TOP FLOOR WITH DUCO CAST IRON BODY WITH FLASHING COLLER, ADJUSTABLE STRAINER HEAD, POLISHED BRONZE STRAINER, 1/2" TRAP PRIMER CONNECTION, AND NO HUB CONNECTION.
VR 1	WATER HEATER VACUUM CONTROL VALVE	-	-	-	-	-	DIRECT	EXISTING TO REMAIN "WATER REGULATOR" WATER SERVICE VACUUM RELIEF VALVE, MODEL #N36 M, ORDER #138458-3/4" NPT. OPENS @ LESS THAN 1/2" VACUUM. TESTED & RATED UNDER "ANSI Z 21.22" CGA CERTIFIED OR APPROVED EQUAL.
BF 1	DOUBLE CHECK VALVE BACKFLOW PREVENTER	3/2"	-	-	-	-	DIRECT	EXISTING TO REMAIN "WILKINS" MODEL 95XL DOUBLE CHECK VALVE BACKFLOW PREVENTER. TWO INLINE INDEPENDENT CHECK VALVES, CAPTURED SPRINGS AND CHECK SEATS WITH TWO QUARTER TURN, FULL PORT BALL VALVES.
RP 1	PRINCIPLE REDUCED PRESSURE BACKFLOW PREVENTER	1/2"	-	-	-	-	DIRECT	EXISTING TO REMAIN "WILKINS" MODEL 975XLST 1/2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER. STAINLESS STEEL MAIN BODY WITH TWO INLINE INDEPENDENT CHECK VALVES SEPARATED BY AN INTERMEDIATE CHAMBER FOR RELIEF VENTING TO THE ATMOSPHERE. PREVENTAL SHALL COME WITH TWO FULL PORT BALL VALVES AND MODEL AG AIR GAP.
WCO	WALL CLEANOUT	LINE SIZE			ZURN Z1441 WALL CLEANOUT W/SMOOTH ACCESS COVER EQUIVALENT FIXTURE ACCEPTABLE.			
FCO	FLOOR CLEANOUT	LINE SIZE			ZURN Z1400-B FLOOR CLEANOUT EQUIVALENT FIXTURE ACCEPTABLE.			
CV	CHECK VALVE	LINE SIZE			ZURN 40XL2 IN-LINE SINGLE CHECK VALVE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. EQUIVALENT ACCEPTABLE.			

NOTES:

- ICE BIN DISCHARGE, ESPRESSO MACHINE, ICE MAKER, SHALL BE PLUMBED TO A FLOOR SINK WITH A MINIMUM 1 INCH AIR GAP.
- THREE COMPARTMENT SINK SHALL DRAIN DIRECT. A FLOOR DRAIN SHALL BE PROVIDED ADJUNCT TO THE FIXTURE, AND THE FIXTURE SHALL BE CONNECTED ON THE SEWER SIDE OF THE FLOOR DRAIN TRAP WITH NO OTHER DRAIN LINE CONNECTED BETWEEN THE FLOOR DRAIN WASTE CONNECTION AND THE FIXTURE DRAIN IN ACCORDANCE WITH SECTION 704.3 OF THE CPC.

BACK FLOW PREVENTER ASSEMBLY REQUIREMENTS

TYPE OF EQUIPMENT ON SYSTEM	METHOD OF CROSS CONNECTION CONTROL	MANUFACTURE AND MODEL NUMBER	REMARKS
COFFEE BREWER	REDUCED PRESSURE ZONE ASSEMBLY	WATTS SS009-3QT ASSE 1013 CERT	STAINLESS STEEL BODY WITH QUARTER TURN VALVE SS STRAINER.
ICE MACHINE	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF-009-QT-S	STAINLESS STEEL BODY WITH QUARTER TURN VALVE BRONZE STRAINER.
ESPRESSO MACHINE	DOUBLE CHECK VALVE ASSEMBLY	WATTS SD3LF ASSE 1022/1024 CERT.	STAINLESS STEEL BODY WITH QUARTER TURN VALVE BRONZE STRAINER.
WATER SERVICE	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF-919-QT	LEAD FREE CAST COPPER WITH QUATER TURN

1. CONTRACTOR SHALL PROVIDE INDIVIDUAL BACKFLOW PREVENTERS FOR EACH PIECE OF EQUIPMENT. 2. EACH BACKFLOW PREVENTER MUST HAVE TESTING PORTS.

TABLE TO CALCULATE DRAINAGE FIXTURES

PLUMBING FIXTURE	DRAINAGE FIXTURE UNITS	NUMBER OF FIXTURES	DFUS
WATER CLOSET (WC-1)	3	1	3
LAVATORIES (LAV-1)	1	1	1
FLOOR DRAINS (FD-1)	2	4	8
FLOOR SINK (FS-1)	6	3	18
HAND SINK (HS-1)	2	2	4
MOP SINK	3	1	3
<b>TOTAL DRAINAGE FIXTURE UNITS</b>			<b>37</b>

TABLE TO CALCULATE SUPPLY WATER FIXTURE UNITS

PLUMBING FIXTURE	WATER FIXTURE UNITS	NUMBER OF FIXTURES	SFUS
WATER CLOSET (WC-1)	4	1	4
LAVATORIES (LAV-1)	2	1	2
3 COMPARTMENT SINK	4	1	4
1 COMPARTMENT SINK	4	1	4
HAND SINK (HS-1)	2	2	4
MOP SINK	3	1	3
BAR EQUIPMENT (TOTAL)	PER MAN. SPECIFICATIONS	5	4
PITCHER RINSER	SEE SHEET P-000		
COFFEE BREWER			
ESPRESSO MACHINE GLASS FILLER			
<b>TOTAL WATER SUPPLY FIXTURE UNITS</b>			<b>25</b>
<b>GPM</b>			<b>19.5</b>



Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
768 N Ethan way, Anaheim  
CA 92805  
Phone No.: 951-903-228  
Ben@accandengineering.com  
www.accandengineering.com

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CONTRACTOR



HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA  
92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS

3348 E COAST HWY CORONA DEL MAR CA  
92662

YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

PLAN CHECK#PC2022-2340

1ST REVIEW SUBMITTED BY OTHERS	9/21/2022
2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

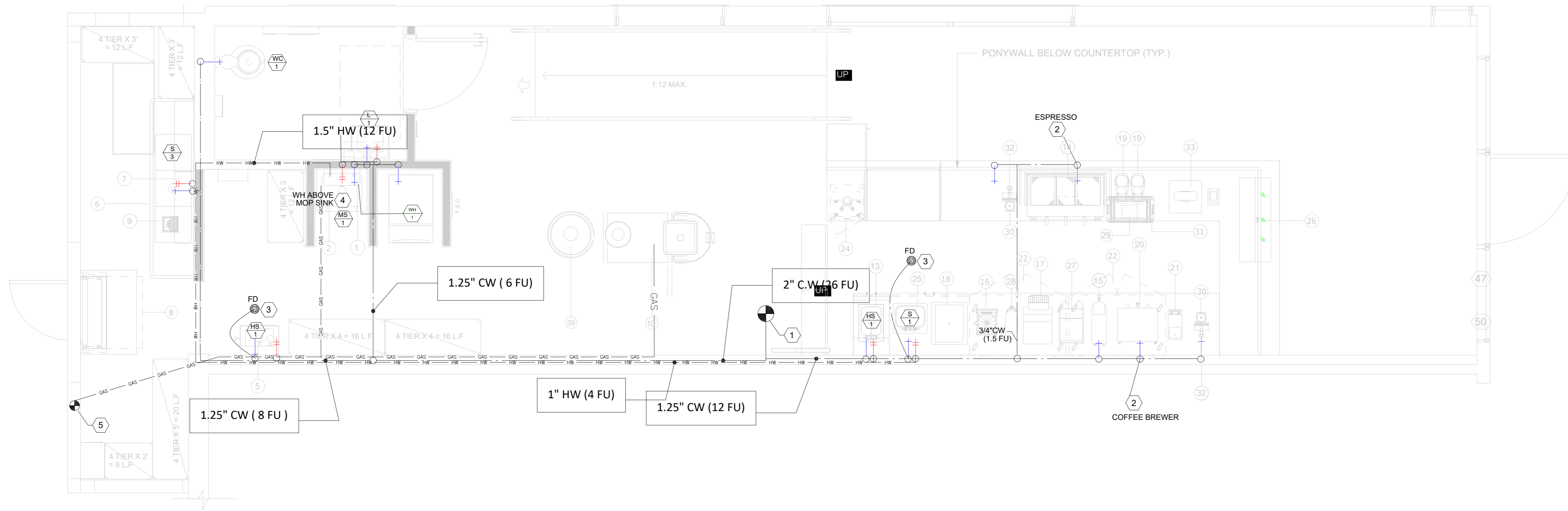


SHEET NAME

PLUMBING SCHEDULES AND NOTES 2

SHEET NUMBER

P-001

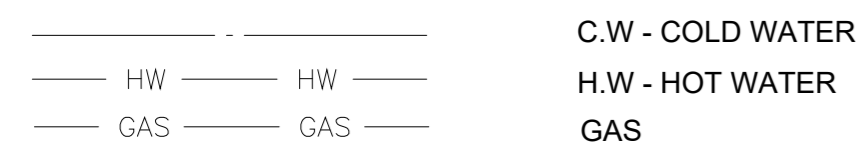


**1 PLUMBING WATER & GAS PLAN**  
3/8" = 1'-0"

**KEYED PLAN NOTES:**

- P.O.C. TO EXISTING 2" CW STUB WITH NEW PIPING. FIELD VERIFY ALL EXISTING CONDITIONS SIZE AND LOCATIONS PRIOR TO START OF THIS WORK.
- COFFEE BREWER AND ESPRESSO MACHINE WITH CHECK VALVE. SEE PLUMBING SCHEDULE ON P000 AND P002, RESPECTIVELY.
- PROVIDE 1/2" TRAP PRIMER FOR FLOOR DRAIN.
- INSTALL NEW GAS TANK-TYPE WATER HEATER ABOVE MOB SINK WITH NEW PIPING. FIELD VERIFY LOCATION AND SIZE BEFORE START OF WORK. SEE PLUMBING SCHEDULE ON P000 AND P002, RESPECTIVELY.
- P.O.C. TO EXISTING 1.5" GAS AT ROOF / WITH NEW PIPING. FIELD VERIFY ALL EXISTING CONDITIONS SIZE AND LOCATIONS PRIOR TO START OF THIS WORK.

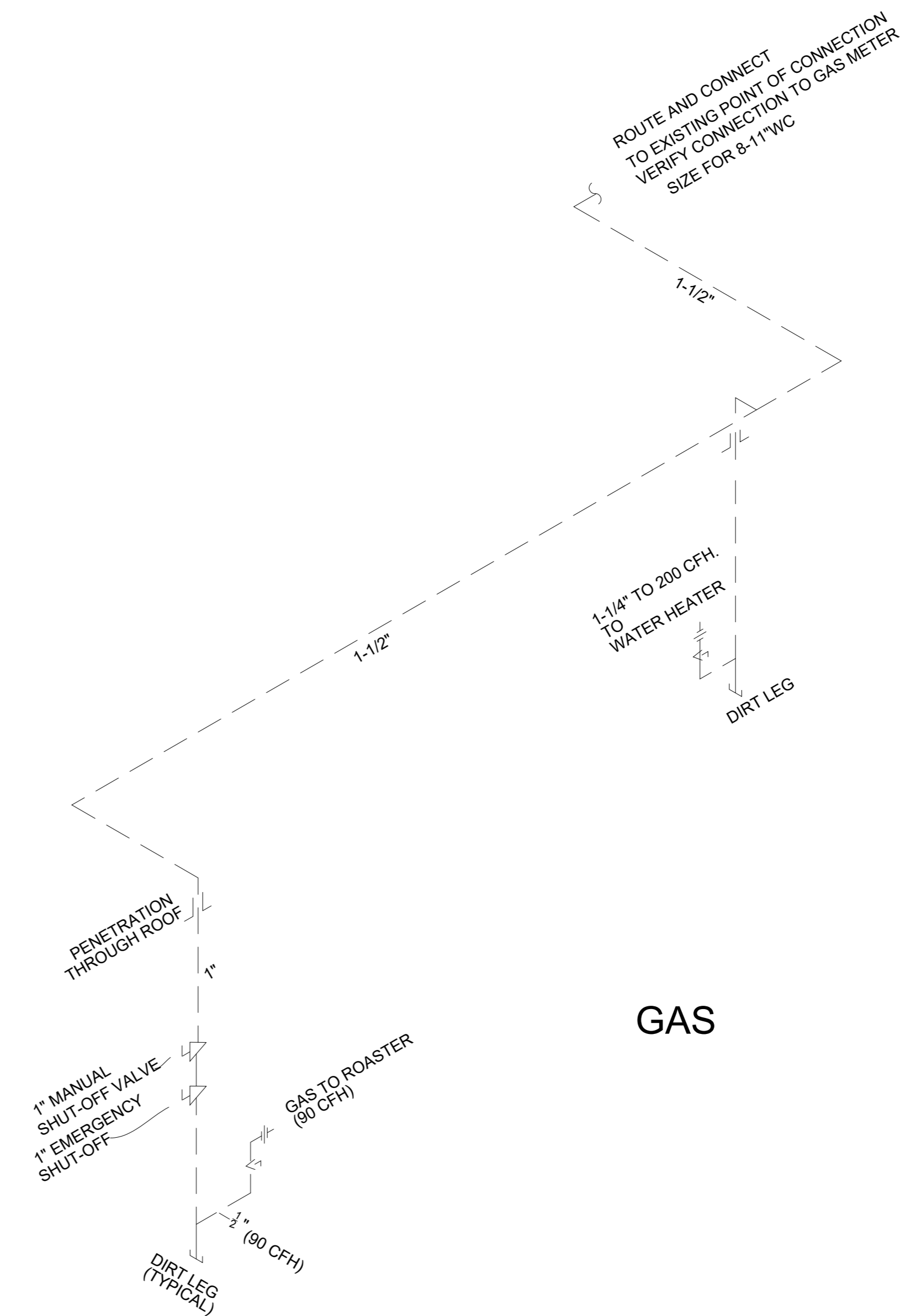
**SHEET PIPE LEGEN**



**GENERAL NOTES:**

- IF DRAWINGS ARE INCORRECT FROM THE ACTUAL SITE CONDITION, CONTRACTOR SHALL NOTIFY ENGINEER(S) AND PROVIDE INFORMATION REFLECTING ACTUAL CONDITIONS.
- ALL PLUMBING FIXTURES AND CONNECTIONS ARE NEW UNLESS NOTED AS EXISTING.

GAS LOAD SUMMARY			
SYSTEM	DESIGNATION	EQUIPMENT	MBH
DOMESTIC WATER HEATING	WH-1	WATER HEATER	200
			199,900 BTU/HR
ROASTER EQUIPMENT	RS-1	COFFEE ROASTER	90
			90,000 BTU/HR
<b>TOTAL NATURAL GAS CONNECTED LOAD</b>			
	MBH CAPACITY	SUB-TOTAL	290
GAS METER REQUIREMENTS	TOTAL DEVELOPED LENGTH INCLUDING EQUIVALENT PIPE LENGTH FOR FITTING AND VALVE FRICTION LOSSES TO GAS METER.		150 FT X 1.2 = 180
	CONSULT GAS UTILITY COMPANY FOR REGULATOR RATING		



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YAHYA SHANNAK

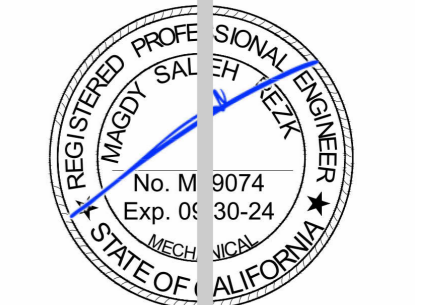
AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

NO.	DATE	DESCRIPTION
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2ND REVIEW SUBMITTED BY OTHERS	10/20/2022	
3RD REVIEW BY ACC & ENGINEERING	03/10/2023	

SEAL / STAMP



SHEET NAME  
PLUMBING WATER & GAS PLAN

SHEET NUMBER

P-100



Design | Engineering | Construction

Ben Hamed, ASSOC.AIA  
Project Designer  
ACC & ENGINEERING  
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CA 92805  
Phone No. 951-903-228  
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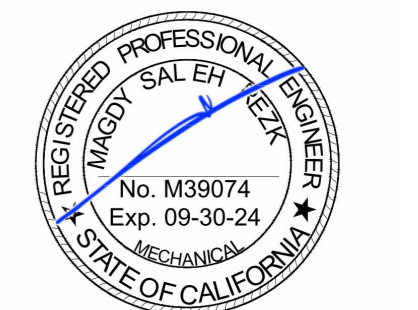
BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

PLAN CHECK#PC2022-2340

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2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

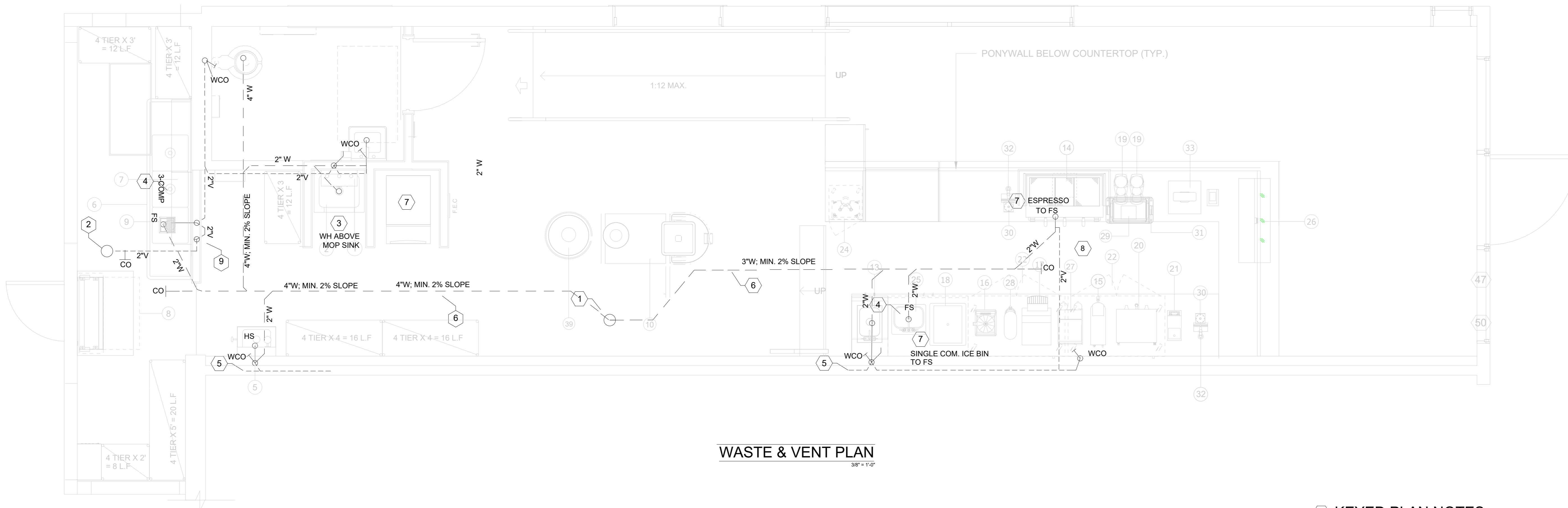


SHEET NAME

PLUMBING WASTE & VENT PLAN

SHEET NUMBER

P-200



### WASTE & VENT PLAN

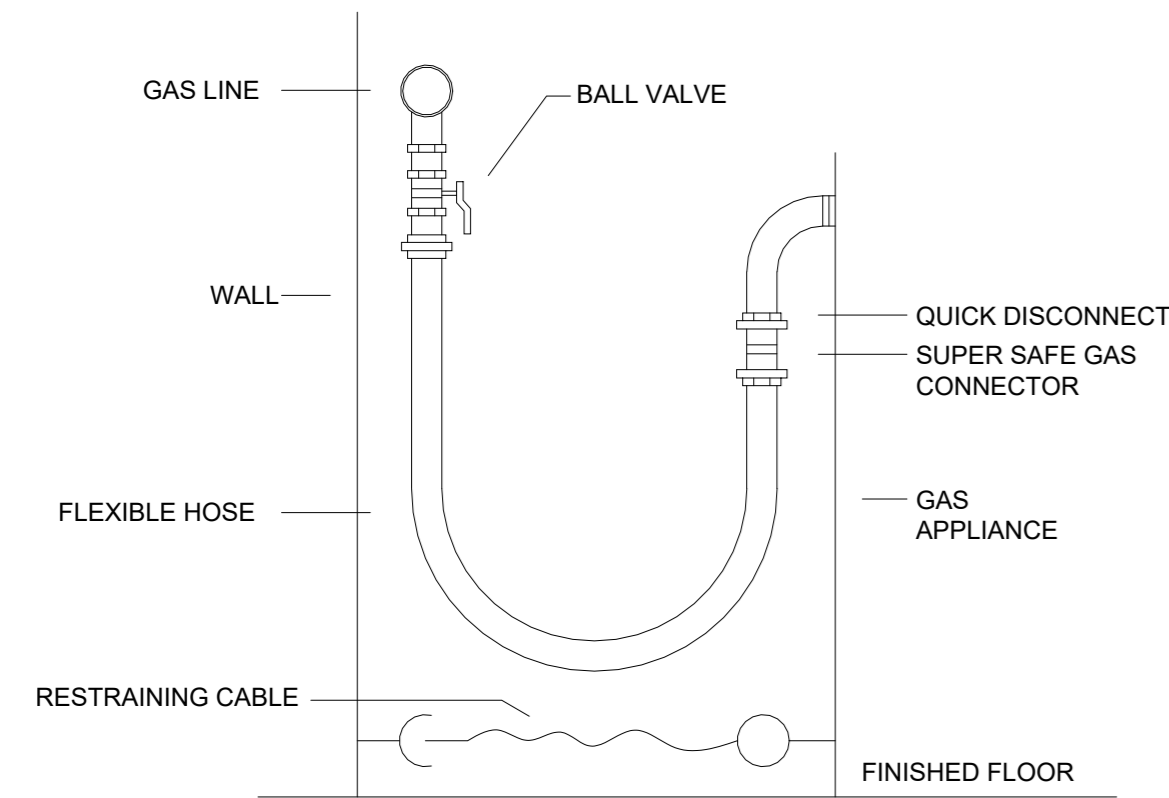
3/8" = 1'-0"

#### # KEYED PLAN NOTES:

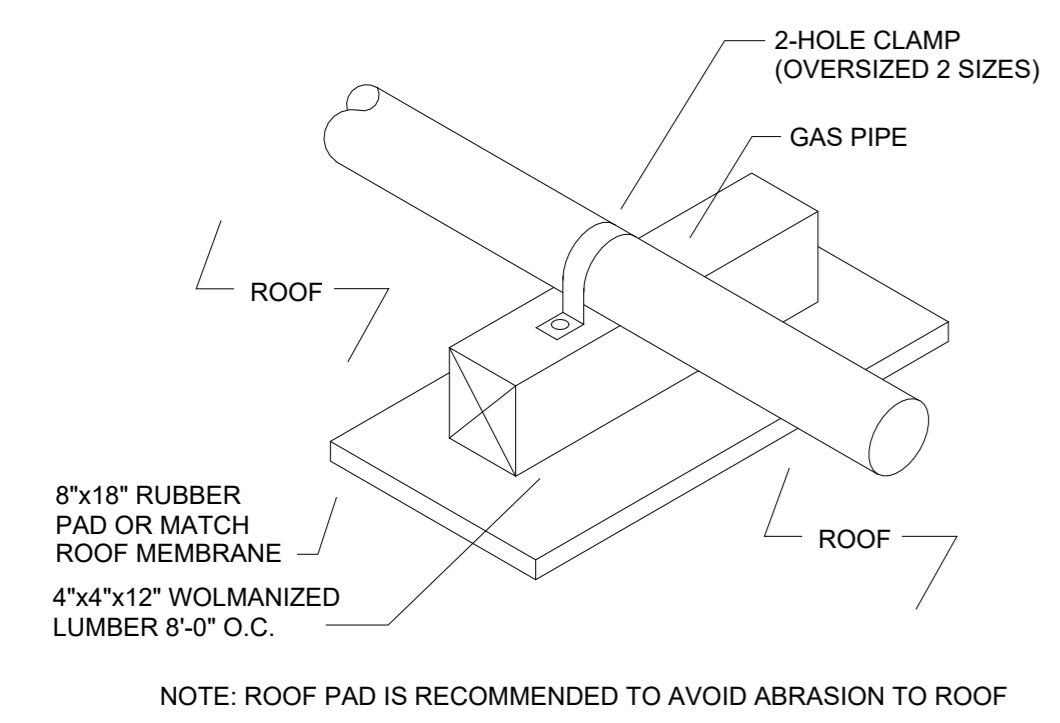
- P.O.C. TO EXISTING 4" SANITARY WASTE CAP WITH NEW PIPING. FIELD VERIFY ALL EXISTING CONDITIONS, SIZE, AND LOCATION PRIOR TO START OF THIS WORK.
- P.O.C. TO EXISTING 4" SANITARY VENT UP TO ROOF CAP WITH NEW PIPING. FIELD VERIFY ALL EXISTING CONDITIONS, SIZE, AND LOCATION PRIOR TO START OF THIS WORK.
- WATER HEATER T&P VALVE DRAINS TO MOP SINK BELOW.
- 2" WASTE DOWN DRAINS TO FLOOR SINK.
- NEW 3" VENT UP TO ROOF.
- 3" WASTE UNDERGROUND
- INDIRECTLY DRAIN TO FLOOR SINK. REFER TO PLUMBING FIXTURES SCHEDULE FOR MORE INFO.
- 2" VENT HANGS AT CEILING.
- 2" VENT UP IN WALL.

#### GENERAL NOTES:

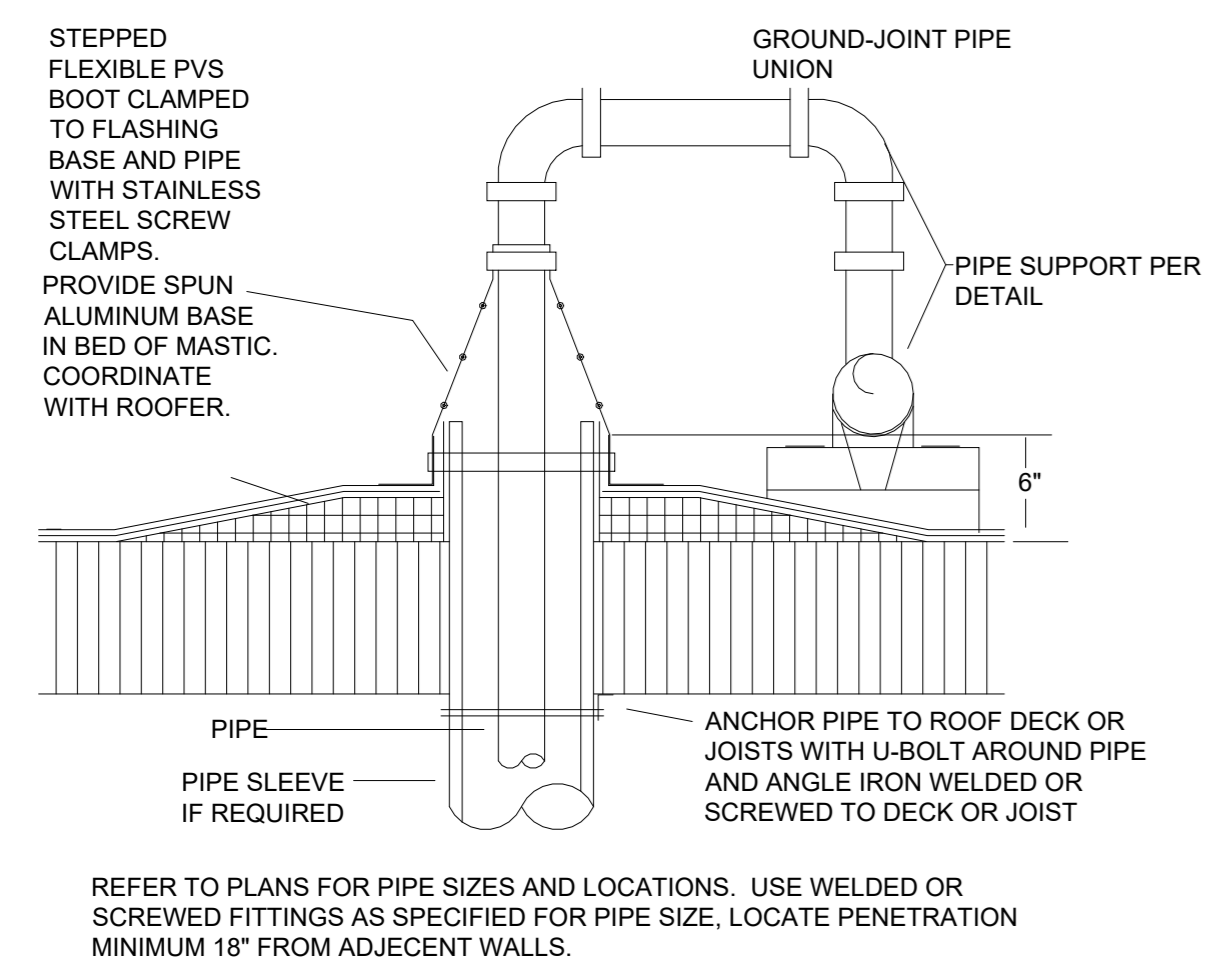
- IF DRAWINGS ARE INCORRECT FROM THE ACTUAL SITE CONDITION, CONTRACTOR SHALL NOTIFY ENGINEER(S) AND PROVIDE INFORMATION REFLECTING ACTUAL CONDITIONS.



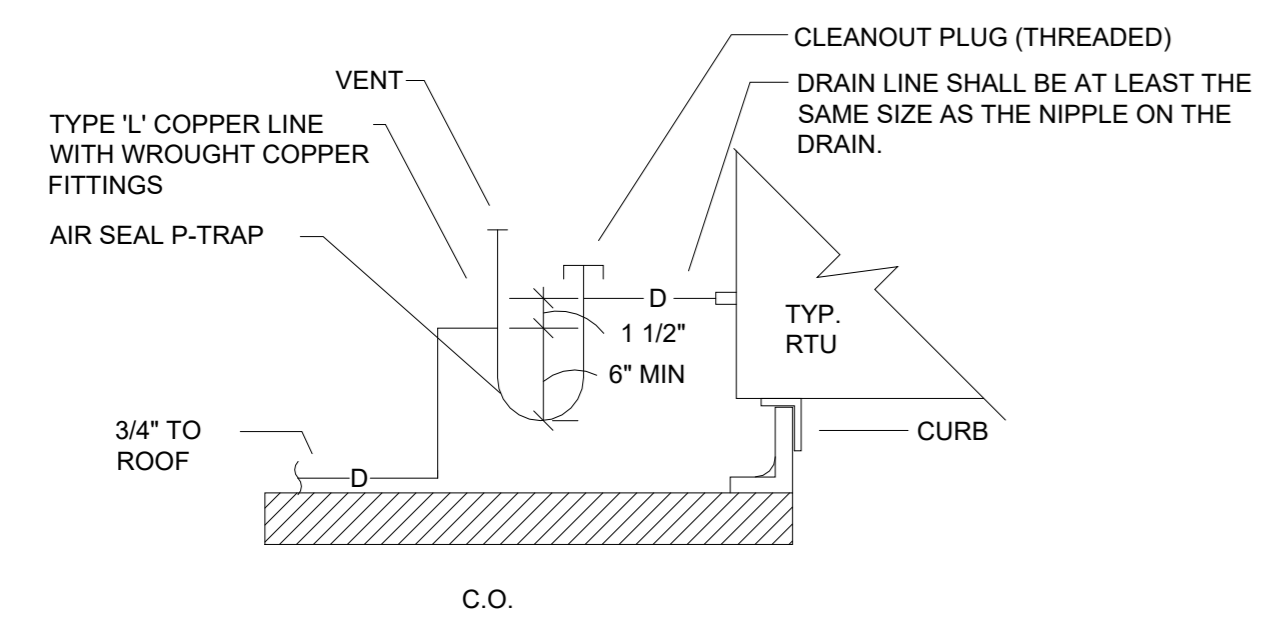
**EQUIPMENT GAS CONNECTION DETAIL**  
SCALE: NO SCALE



**GAS MOUNTING DETAIL**  
SCALE: NO SCALE

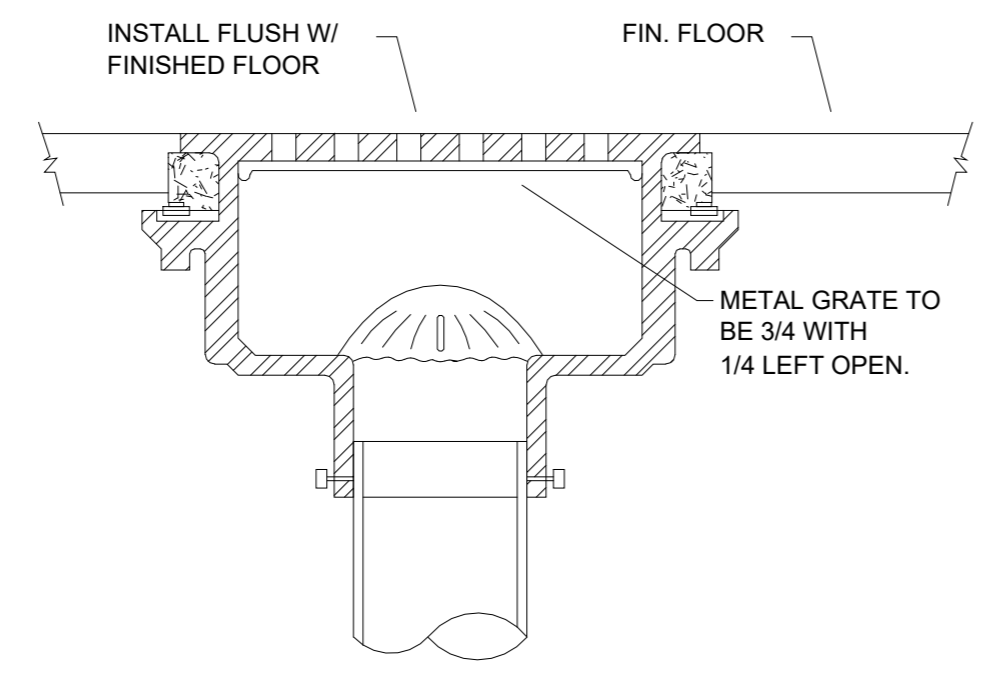


SCALE: NO SCALE



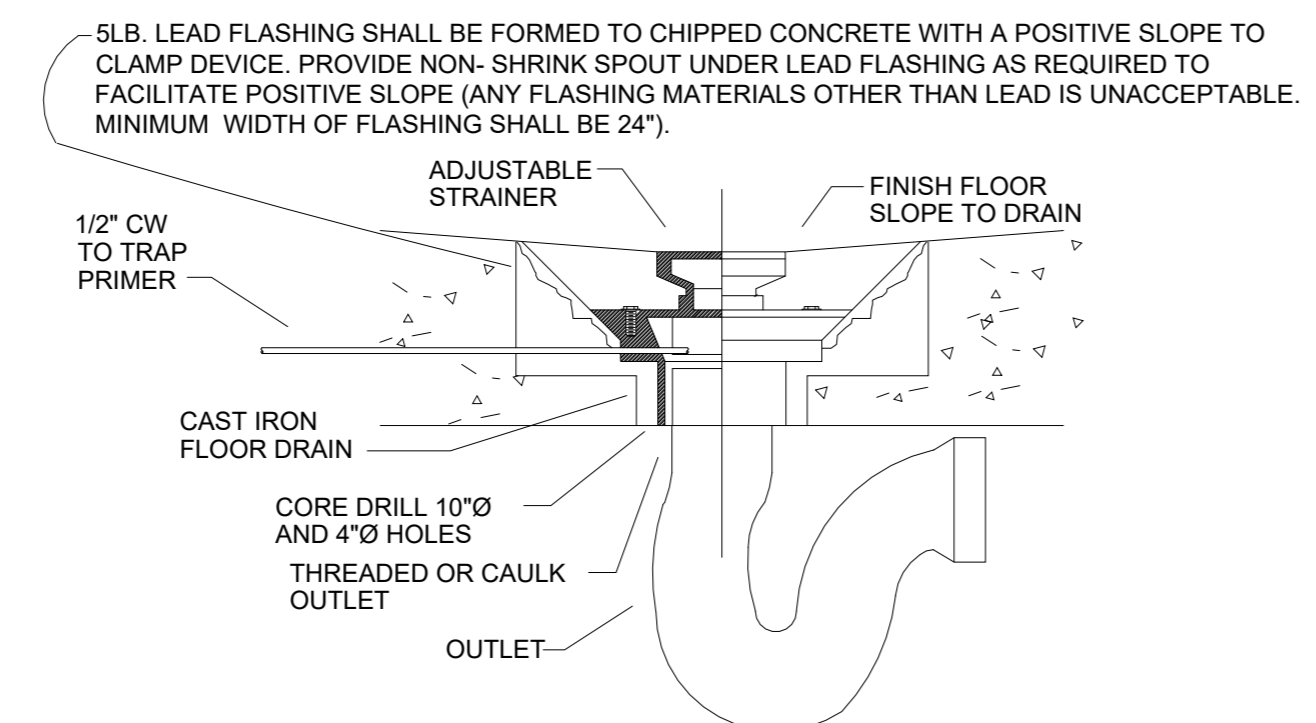
**RTU CONDENSATE PIPING DETAIL**  
SCALE: NO SCALE

NOTE: CONDENSATE DRAIN CONNECTION UP THRU RTU CURB IS ACCEPTABLE.



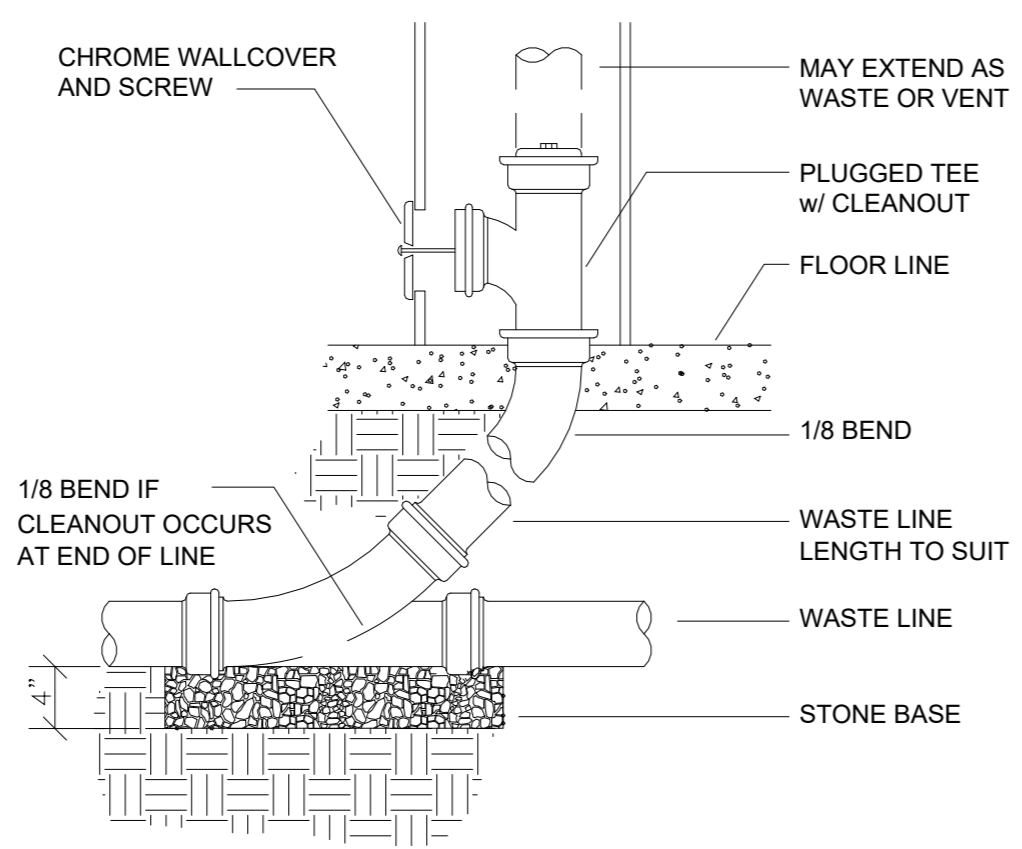
**FLOOR SINK DETAIL**  
SCALE: NO SCALE

NOTE: 1. ALL FLOOR SINKS MUST BE FLUSH WITH TILE FLOOR AS SHOWN ABOVE. INSTALLATION ON A 1/4" LIP EITHER DIRECTION IS ALSO ACCEPTABLE.

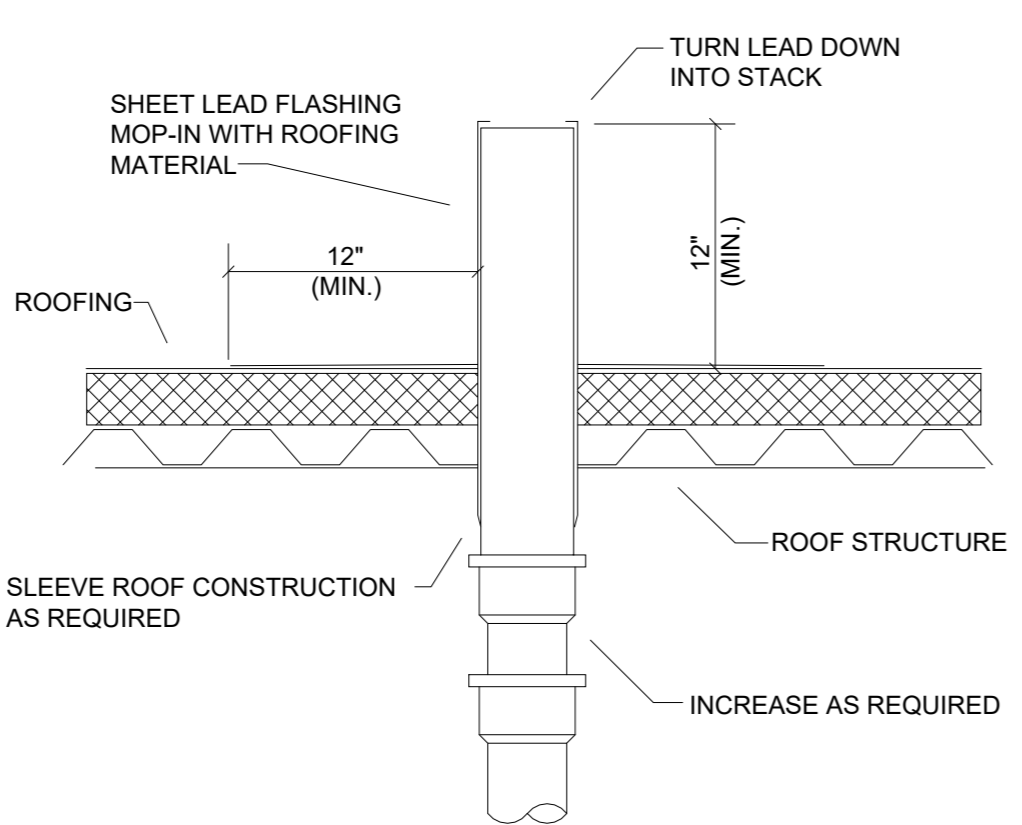


**FLOOR DRAIN w/TRAP PRIMER**  
SCALE: NO SCALE

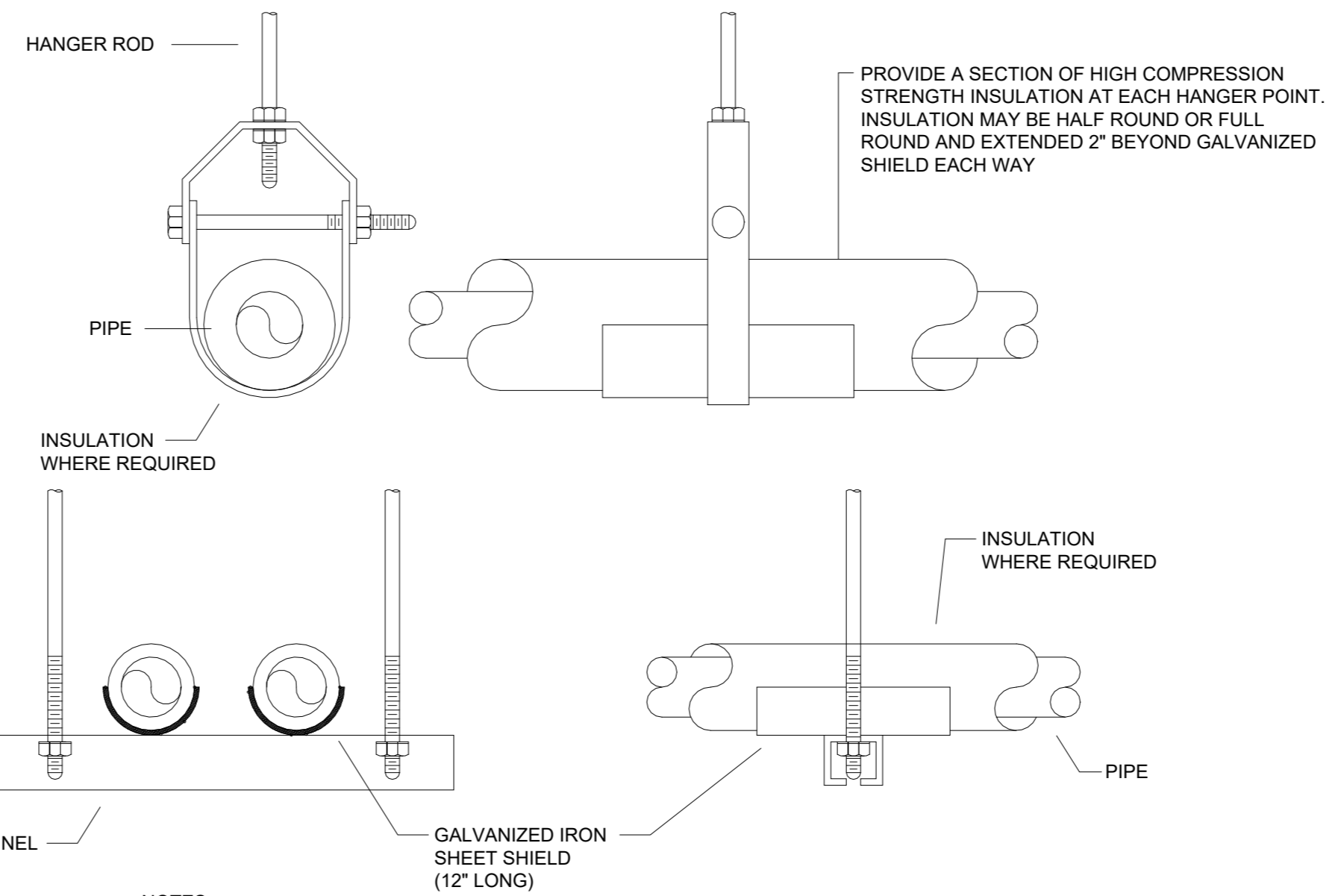
NOTE: THE GENERAL CONTRACTOR SHALL PROVIDE A ONE PIECE WATER PROOF MEMBRANE FLOOR AND BASE IN THE TOILET ROOM(S).



**WALL CLEANOUT DETAIL**  
SCALE: NO SCALE

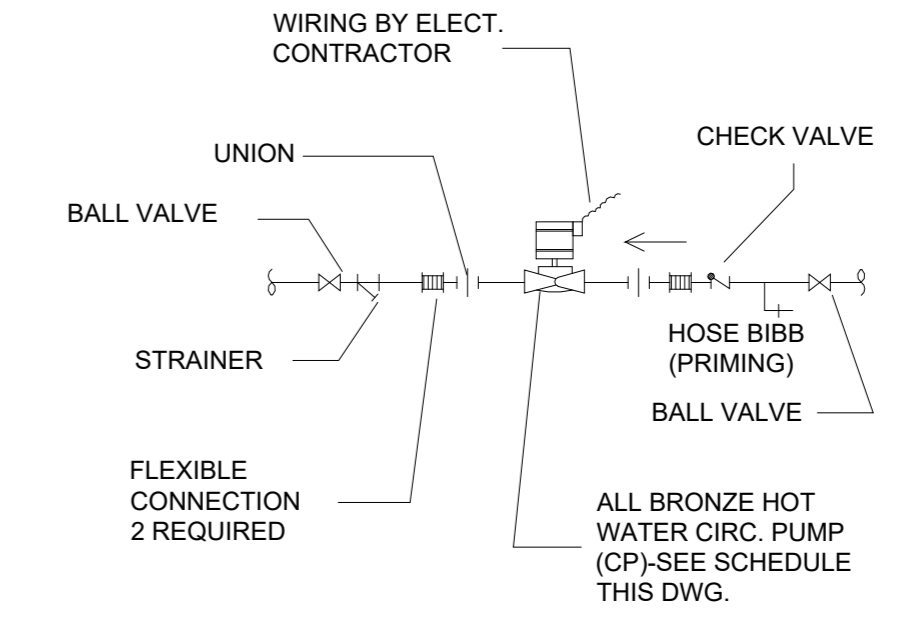


**VENT THRU ROOF DETAIL**  
SCALE: NO SCALE

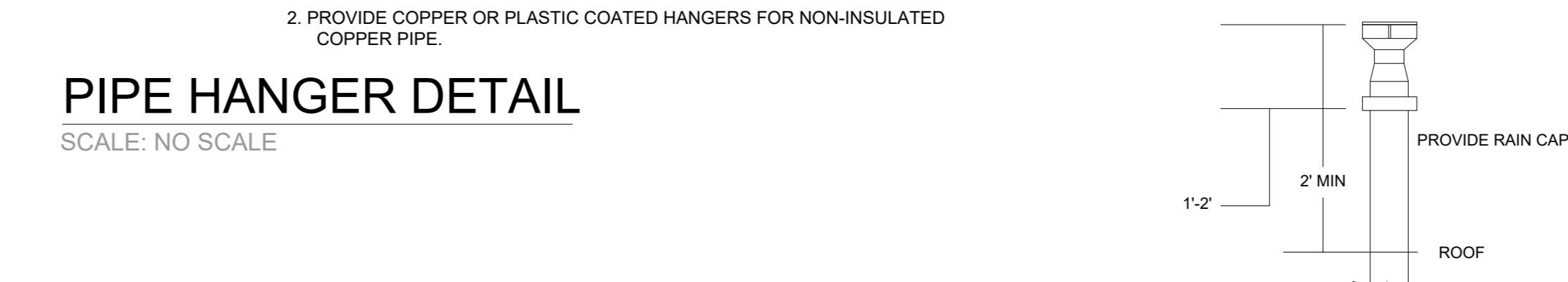


**PIPE HANGER DETAIL**  
SCALE: NO SCALE

NOTES:  
1. ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM THE STEEL STRUCTURE TO THE TOP CHORD OF JOISTS OR BEAMS.  
2. PROVIDE COPPER OR PLASTIC COATED HANGERS FOR NON-INSULATED COPPER PIPE.



**CIRCULATING PUMP DETAIL**  
SCALE: NONE



**WATER HEATER DISTRIBUTION:**

- EQUIPMENT REQUIRING 140° F WATER:
- (1) 3-COMPARTMENT SINK
  - (1) MOB SINK BASIN
- EQUIPMENT REQUIRING 110° F WATER:
- (1) 1-COMPARTMENT SINK
  - (2) HAND SINKS
  - (1) LAVATORY

NORITZ NCC 199 CDV FLOW RATES PER UNIT											
TEMPERATURE RISE (°F)	30	40	45	50	60	70	80	90	100	120	130
FLOW RATE (GPM)	11.1	9.3	8.4	7.4	6.2	4.6	4.1	3.7	3.4	3.1	2.9

JAMES FACER-CONTACT FOR PURCHASING  
NATIONAL ACCOUNT MANAGER  
COMMERCIAL  
NORITZ AMERICA CORPORATION  
C: 949.243.2032  
E: jfacer@noritz.com  
www.noritz.com/commercial

**GAS WATER HEATER DETAIL**  
SCALE: NO SCALE



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HORIZONS CONSTRUCTION  
432 w Meats Avenue Orange, CA 92865  
LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
3348 E COAST HWY CORONA DEL MAR CA 92662  
YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)  
BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY

NO.	DESCRIPTION	DATE
1	1ST REVIEW SUBMITTED BY OTHERS	9/21/2022
2	2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3	3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP



SHEET NAME  
PLUMBING DETAILS

SHEET NUMBER  
P-300

STATE OF CALIFORNIA  
**Domestic Water Heating System**  
 CALIFORNIA ENERGY COMMISSION  
 NRC-PLB-E  
 This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating systems using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations.  
 Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 1 of 5)  
 Project Address: 3348 E COST HWY, NEWPORT BEACH, CA 92652 Date Prepared: 2023-03-14 15:56:29-04:00

**A. GENERAL INFORMATION**

01	Project Location (city)	NEWPORT BEACH	02	Climate Zone	6
03 Occupancy Types Within Project (select all that apply):					
• Office • Restaurant					

**B. PROJECT SCOPE**  
 This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140.1/170.2(d) and 141.0(a)/180.1, or 141.0(b)(2)/180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.

01	02	03
My project consists of (check all that apply):	System Type <sup>1,2</sup>	System Components
<input type="checkbox"/> New system (DHW system being installed for the first time in newly constructed building)		<input type="checkbox"/> Equipment <input type="checkbox"/> Distribution <input type="checkbox"/> Controls
<input checked="" type="checkbox"/> System Alteration (equipment, distribution or controls)	Individual System (serving nonresidential spaces)	<input checked="" type="checkbox"/> Equipment <input checked="" type="checkbox"/> Distribution <input type="checkbox"/> Controls
<input checked="" type="checkbox"/> System Alteration (equipment, distribution or controls)	Individual System (serving nonresidential spaces)	<input checked="" type="checkbox"/> Equipment <input checked="" type="checkbox"/> Distribution <input type="checkbox"/> Controls

<sup>1</sup>FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.  
<sup>2</sup> Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy.  
<sup>3</sup> DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies

**C. COMPLIANCE RESULTS**  
 Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	Compliance Results
Table F	Table G	Table H	
Yes	Yes		COMPLIES

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance  
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101  
 Documentation Software: Energy Code Ace  
 Compliance ID: 94742-0323-0004 Report Generated: 2023-03-14 12:56:31

STATE OF CALIFORNIA  
**Domestic Water Heating System**  
 CALIFORNIA ENERGY COMMISSION  
 NRC-PLB-E  
 Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 4 of 5)  
 Date Prepared: 2023-03-14 15:56:29-04:00

**I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**  
 Form/Title  
 NRCI-PLB-E - Must be submitted for all buildings

**J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
 There are no forms required for this project.

**K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION**  
 There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance  
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101  
 Documentation Software: Energy Code Ace  
 Compliance ID: 94742-0323-0004 Report Generated: 2023-03-14 12:56:31

STATE OF CALIFORNIA  
**Domestic Water Heating System**  
 CALIFORNIA ENERGY COMMISSION  
 NRC-PLB-E  
 Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 2 of 5)  
 Date Prepared: 2023-03-14 15:56:29-04:00

**D. EXCEPTIONAL CONDITIONS**  
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA  
**Domestic Water Heating System**  
 CALIFORNIA ENERGY COMMISSION  
 NRC-PLB-E  
 Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 5 of 5)  
 Date Prepared: 2023-03-14 15:56:29-04:00

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Ben Hamed  
 Signature Date: 03/14/23  
 Company: ACC & ENGINEERING  
 Address: CEAA HERS Certification Identification (if applicable):  
 City/State/Zip: \_\_\_\_\_

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
 I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Magdy Salah Rezek  
 Signature Date: 03/14/23  
 Company: ACC & ENGINEERING  
 Address: License: M-39074  
 City/State/Zip: \_\_\_\_\_

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance  
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101  
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STATE OF CALIFORNIA  
**Domestic Water Heating System**  
 CALIFORNIA ENERGY COMMISSION  
 NRC-PLB-E  
 Project Name: CAFE DEL MAR ROASTER COFFEE SHOP 3348 E COAST HWY Report Page: (Page 3 of 5)  
 Date Prepared: 2023-03-14 15:56:29-04:00

**F. DOMESTIC HOT WATER EQUIPMENT**  
 This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(d) must also be demonstrated and with 141.0 / 180.1 / 180.2 for addition and alteration scopes.

**Equipment Schedule: Water Heating Efficiency and Standby Loss**

03		04		05		06			
System Name	WH-1	Exception to 140.5(c)/170.2(d)	Exceptions Do Not Apply	Gas Service Water Heating System >= 1MMBtu/h <sup>1</sup>	Capacity weighted Average Efficiency %				
07	08	09	10	11	12	13	14	15	
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Max GPM/ First Hour Rating (FHR)	Rated Efficiency	Minimum Efficiency Required	Efficiency Unit	Designed Standby Loss	Maximum Standby Loss
WH-1	Commercial Gas Instantaneous Water Heater	0.25	199,900		0.91	0.8	TE		

<sup>1</sup>FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas water heaters with input capacity > 100,000 Btu/h may meet 90% Et requirements via an input capacity-weighted average.

**Water Heating Equipment All Occupancies**

Requirement	Yes	No	Not Applicable
Unfired storage tank insulation shall have Internal + External >=R-16 OR External >=R-3.5. Label energy per 110.3(c)3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New state buildings 60% of energy for service water heating from site solar energy or recovered energy per 110.3(c)5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Isolation valves for instantaneous water heater with input rating >6.8 kBtu/h or 2 kW has been specified per 110.3(c)6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
School buildings < 25,000 ft <sup>2</sup> and < 4 stories must install a heat pump water heating system per 140.5(a)1. Water heating systems serving an individual bathroom space may be an instantaneous electric water heater.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM**  
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance  
 Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101  
 Documentation Software: Energy Code Ace  
 Compliance ID: 94742-0323-0004 Report Generated: 2023-03-14 12:56:31



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 YAHYA SHANNAK

**AUTHORITY HAVING JURISDICTION (AHJ)**  
 BUILDING DIVISION | CITY OF NEWPORT BEACH

**REVISIONS HISTORY**  
 PLAN CHECK#PC2022-2340

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3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

SHEET NAME  
 TITLE 24 PLUMBING

SHEET NUMBER  
 P-301

STATE OF CALIFORNIA  
**PLUMBING**  
 CEC-NRCI-PLB-01-E (Revised 01/20) CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF INSTALLATION** NRCI-PLB-01-E  
 Plumbing (Page 1 of 4)

Project Name: CAFFE DEL MAR ROASTERS Enforcement Agency: CITY OF NEWPORT BEACH BUILDING DEPAR. Permit Number: PC2022-2340  
 Project Address: 3348 COAST HWY E City: NEWPORT BEACH Zip Code: 92652

**A. GENERAL INFORMATION**  
 DATE OF BUILDING PERMIT:

BUILDING TYPE  Nonresidential  High-Rise Residential  Hotel/Motel  
 PHASE OF CONSTRUCTION  New Construction  Addition  Alteration

If more than one person has responsibility for building construction, each person shall prepare and sign an Installation Certificate document applicable to the portion of construction for which they are responsible; alternatively, the person with chief responsibility for construction shall prepare and sign the Installation Certificate document(s) for the entire construction.

**B. SCOPE OF RESPONSIBILITY**  
 Date of approval by the enforcement agency of the Certificate of Compliance that provides the specifications for this Installation Certificate. Date:

In the table below identify all applicable construction documents that specify the features, materials, components, manufactured devices, or system performance diagnostic results required for the scope of responsibility for this Installation Certificate.

Document Title or Description	Applicable Sheets or Pages, Tables, Schedules, etc.	Date Approved By the Enforcement Agency
	PLUMBING SHEETS P-000 P-001	

STATE OF CALIFORNIA  
**PLUMBING**  
 CEC-NRCI-PLB-01-E (Revised 01/20) CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF INSTALLATION** NRCI-PLB-01-E  
 Plumbing (Page 2 of 4)

Project Name: Enforcement Agency: Permit Number:  
 Project Address: City: Zip Code:

**C. MANDATORY REQUIREMENTS FOR ALL CENTRAL DOMESTIC HOT WATER RECIRCULATION SYSTEMS**

01	On systems that have a total capacity greater than 167,000 Btu/hr, outlets that require higher than service water temperatures as listed in the ASHRAE Handbook have separate remote heaters, heat exchangers, or boosters to supply the outlet with the higher temperature. (Section 110.3(c)1)
02	Systems with circulating pumps or with electrical heat trace systems shall be capable of automatically turning off the system. (Section 110.3(c)2).
05	Unfired storage tanks are insulated with an external R-12 or combination of R-16 internal and external insulation. Alternatively, the heat loss of the tank surface based on an 80°F water-air temperature difference shall be less than 6.5 Btu per hour per square foot. (Section 110.3(c)4).
06	All sections of the recirculation loop, and the first 5 feet of all branches off the loop are insulated, to the thicknesses required by Table 120.3A, except for the following: (RA4.4.1) <ul style="list-style-type: none"> <li>Piping installed in interior or exterior walls that is surrounded on all sides by at least 1 inch of insulation.</li> <li>Piping installed in attics with a minimum of 4 inches (10 cm) of attic insulation on top.</li> <li>Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Metal piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall butt securely against all framing members.</li> <li>Insulation is not required on the cold water line when it is used as the return.</li> </ul>
07	Hot water pipes that are buried below grade are installed in a water proof and non-crushable casing or sleeve that allows for installation, removal, and replacement of the enclosed pipe and insulation. (RA4.4.1)
08	Insulation outside conditioned space is protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. (RA4.4.1)
09	Pipe insulation fits tightly to the pipe. (RA4.4.1)
10	On insulated sections of pipe, no piping is visible due to insulation voids, and all elbows and tees are fully insulated. (RA4.4.1)
11	The recirculation pump is mounted on a vertical section of the return line, OR an automatic air release valve is installed on a riser at least 12 inches in length, on the inlet side of the recirculation pump, no more than 4 feet from the pump. (Section 110.3(c)5A).
12	A check valve is located between the recirculation pump and the water heater. (Section 110.3(c)5B).
13	A hose bibb is installed between the pump and the water heating equipment with an isolation valve between the hose bibb and the water heating equipment. (Section 110.3(c)5C).
14	Isolation valves are installed on both sides of the pump. One of the isolation valves may be the same isolation valve as in item 12 above. (Section 110.3(c)5D).
15	The cold water supply piping and the recirculation loop piping is not connected to the hot water storage tank drain port. (Section 110.3(c)5E).
16	A check valve is installed on the cold water supply line between the hot water system and the next closest tee on the cold water supply. (Section 110.3(c)5F).
17	The hot water distribution system piping from the water heater(s) to the fixtures and appliances takes the most direct path. (RA 4.4.7.1)
18	Installation and operation instructions that provide details of the operation of the pump and controls are available at the jobsite for inspection. (RA 4.4.7.1)
19	More than one circulation loop may be installed. Each loop shall have its own pump and controls. (RA4.4.8, RA 4.4.9, RA 4.4.10)

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

STATE OF CALIFORNIA  
**PLUMBING**  
 CEC-NRCI-PLB-01-E (Revised 01/20) CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF INSTALLATION** NRCI-PLB-01-E  
 Plumbing (Page 3 of 4)

Project Name: Enforcement Agency: Permit Number:  
 Project Address: City: Zip Code:

**E. Mandatory Measures for all Domestic Hot Water Distribution Systems**

01	Equipment shall meet the applicable requirements of the Appliance Efficiency Regulations (Section 110.3(b)1).
02	Unfired Storage Tanks are insulated with an external R-12 or combination of R-16 internal and external insulation. (Section 110.3(c)4) <ul style="list-style-type: none"> <li>All domestic hot water piping shall be insulated as specified in Section 609.11 of the California Plumbing Code. In addition, the following piping conditions shall have a minimum insulation wall thickness of 1 inch or a minimum insulation R-value of 7.7:               <ul style="list-style-type: none"> <li>The first 5 feet (1.5 meters) of cold water pipes from the storage tank.</li> <li>All piping with a nominal diameter of 3/4 inch (19 millimeter) and less than 1 inch.</li> <li>All hot water with a nominal diameter less than 1/2 inch that is:                   <ul style="list-style-type: none"> <li>Associated with a domestic hot water recirculation system.</li> <li>From the heating source to the kitchen fixtures.</li> <li>From the heating source to storage tank or between tanks.</li> </ul> </li> <li>Buried below grade.</li> </ul> </li> </ul>
03	Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall butt securely against all framing members. <ul style="list-style-type: none"> <li>Piping installed in interior or exterior walls that is surrounded on all sides by at least 1 inch of insulation.</li> <li>Piping installed in crawlspaces with a minimum of 2 inches (5 cm) of crawlspace insulation above and below.</li> <li>Piping installed in attics with a minimum of 4 inches (10 cm) of attic insulation on top.</li> </ul>
04	Pipe insulation shall meet the insulation protection requirements of Section 120.3(b) <ul style="list-style-type: none"> <li>Insulation exposed to weather shall be shielded from solar radiation.</li> <li>Insulation on peeps buried below grade must be installed in a water proof and non-crushable casing or sleeve.</li> </ul>
05	All elbows and tees shall be fully insulated. (RA4.4.1)
06	Where insulation is required, no piping shall be visible due to insulation voids, and all insulation shall fit tightly to the pipe. (RA4.4.1)
07	<b>For Gas or Propane Water Heaters:</b> Ensure the following are installed (Section 150.0(n)) <ol style="list-style-type: none"> <li>A dedicated 125V, 20A electrical receptacle connected to the electric panel with a 120/240V 3 conductor, 10 AWG copper branch circuit, within 3 feet from the water heater and accessible with no obstructions:               <ol style="list-style-type: none"> <li>The conductor shall be labeled with the work "Spare" on both ends; and</li> <li>A reserved single pole circuit breaker space next to the circuit breaker next to the branch circuit in A labeled "Future" 240V shall be provided.</li> </ol> </li> <li>A Category III or IV vent, or a Type B vent with straight pipe between outside and water heater</li> <li>A condensate drain no more than 2 inches higher than the base on water heater for natural draining</li> <li>A gas supply line with capacity of at least 200,000 Btu/hr</li> </ol>

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

STATE OF CALIFORNIA  
**PLUMBING**  
 CEC-NRCI-PLB-01-E (Revised 01/20) CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF INSTALLATION** NRCI-PLB-01-E  
 Plumbing (Page 4 of 4)

Project Name: Enforcement Agency: Permit Number:  
 Project Address: City: Zip Code:

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
 I certify that this Certificate of Installation documentation is accurate and complete.

Documentation Author Name: Documentation Author Signature:  
 Documentation Author Company Name: Date Signed:  
 Address: CSA/HERS Certification Identification (if applicable):  
 City/State/Zip: Phone:

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
 I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Installation is true and correct.
- I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation and attest to the declarations in this statement (responsible builder/installer), otherwise I am an authorized representative of the responsible builder/installer.
- The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations, and the installation conforms to the requirements given on the plans and specifications approved by the enforcement agency.
- I reviewed a copy of the Certificate of Compliance approved by the enforcement agency that identifies the specific requirements for the scope of construction or installation identified on this Certificate of Installation, and I have ensured that the requirements that apply to the construction or installation have been met.
- I will ensure that a completed signed copy of this Certificate of Installation shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Builder/Installer Name: Responsible Builder/Installer Signature:  
 Company Name: (Installing Subcontractor or General Contractor or Builder/Dweller) Position With Company (Title):  
 Address: CSLB License:  
 City/State/Zip: Phone: Date Signed:



Ben Hamed, ASSOC.AIA  
 Project Designer  
 ACC & ENGINEERING  
 768 N Ethan way, Anaheim  
 CA 92805  
 Phone No.: 951-903-228  
 Ben@accandengineering.com  
 www.accandengineering.com

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CONTRACTOR



HORIZONS CONSTRUCTION  
 432 w Meats Avenue Orange, CA  
 92865

LIC#825022

PROJECT NAME LOCATION OWNER

DEL MAR ROASTER EPS  
 3348 E COAST HWY CORONA DEL MAR CA  
 92652  
 YAHYA SHANNAK

AUTHORITY HAVING JURISDICTION (AHJ)

BUILDING DIVISION | CITY OF NEWPORT BEACH

REVISIONS HISTORY  
 PLAN CHECK#PC2022-2340

REVISION	DATE
1ST REVIEW SUBMITTED BY OTHERS	9/21/2022
2ND REVIEW SUBMITTED BY OTHERS	10/20/2022
3RD REVIEW BY ACC & ENGINEERING	03/10/2023

SEAL / STAMP

SHEET NAME  
 TITLE 24 CERTS OF  
 INSTALLATION

SHEET NUMBER  
 P-302