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# RESTAURANT

## 3887 N.W. 107th Avenue, Suite 101 DORAL, FLORIDA

THIS SPACE  
 VACANT RETAIL  
 PROPOSED 2,767 S.F. INTERIOR RENOVATION  
 FOR "AMAIZE" RESTAURANT

### PROJECT SUMMARY

**LEGAL DESCRIPTION:**  
 TABOR COMMERCIAL PB 146-72 T-18631 TR A LESS BEG X OF W/L OF TR A & S/L OF TR A PB 145-44 TH E188.5FT S145.24FT W188.44FT N150FT TO POB & LESS BEG NWLY COR OF TR A TH N

**PROPERTY ID:**  
 35-3029-087-0010

**TYPE OF CONSTRUCTION:** TYPE IIIA, UNPROTECTED SPRINKLERED.

**APPLICABLE CODES:**  
 FLORIDA BUILDING CODE: FBC 2010 EDITION  
 PLUMBING CODE: FBC 2010 EDITION  
 ELECTRICAL CODE: NEC 2008 EDITION  
 MECHANICAL CODE: FBC 2010 EDITION  
 FIRE PROTECTION: FFPC 2010 /2009 NFPA 101  
 ENERGY CODE: FBC 2010 EDITION  
 ACCESSIBILITY CODE: FBC 2010 EDITION, CH. 11

**OCCUPANCY/ GROUP CLASSIFICATION:**  
 A-2- ASSEMBLY (RESTAURANT)

**CLASSIFICATION OF WORK:**  
 FBC SECTION 403 EXISTING BUILDINGS: ALTERATION LEVEL 2

### SCOPE OF WORK:

THIS WORK INVOLVES THE INTERIOR BUILD-OUT OF A NEW AUTHENTIC AREPAS RESTAURANT CONCEPT CALLED "AMAIZE". THE 2,767.00 S.F. SPACE IS LOCATED WITHIN THE RECENTLY COMPLETED RETAIL BUILDING LOCATED AT 3887 N.W. 107TH AVENUE, Suite 101, DORAL, FLORIDA.

THIS WORK WILL ALSO INCLUDE MODIFICATIONS TO THE EXISTING SIDEWALK & LANDSCAPE ISLAND FOR A 284 S.F. OUTDOOR DINING AREA.

#### INTERIOR WORK INCLUDES:

- DINING AREAS
- COUNTERS
- DISPLAYS
- ORDERING & BEVERAGE AREAS
- INSTALLATION OF ALL NEW PLUMBING FOR FULL KITCHEN, DISHWASHING & RESTROOMS FACILITIES
- INTERIOR PARTITIONS
- CEILING SYSTEMS
- FINISHES

#### EXTERIOR WORK INCLUDES

- SAW-CUTTING OF EXISTING CONCRETE SLABS FOR NEW UNDERGROUND PLUMBING
- PLACEMENT OF NEW ROOF-TOP PACKAGE UNITS ON EXIST. CURBS
- NEW AC DUCT WORK/DISTRIBUTION
- ELECTRICAL DISTRIBUTION FROM EXISTING ELECTRICAL PANELS
- ELECTRICAL CONNECTIONS TO ALL KITCHEN EQUIPMENT, OUTLETS THROUGHOUT & LIGHTING
- SIGNAGE & AWNINGS BY OTHERS/SEPARATE PERMIT



ANY/ALL EXTERIOR SIGNAGE SHALL REQUIRE A SEPARATE PERMIT. NOT PART OF THIS WORK.

THIS WORK INCLUDES A MODIFICATION TO THE SIDEWALK & LANDSCAPING AREA FOR FUTURE OUTDOOR DINING. ANY REQUIRED PERMITS FOR OUTDOOR DINING SHALL BE MADE AS PART OF A SEPARATE APPLICATION/PERMIT.

SAFETY & ENERGY EFFICIENCY LEVEL: FBC E 601.2: ALTERATION SHALL NOT REDUCE LEVEL OF SAFETY AND ENERGY EFFICIENCY OF THE EXISTING BUILDING OR PORTION THEREOF.

### SHEET INDEX

#### GENERAL

CS1	COVER SHEET.
CS2	GENERAL NOTES & ADA GUIDELINES.
SP1.0	EXISTING SITE PLAN
SP1.1	ENLARGED SITE PLAN

#### ARCHITECTURAL

A1.0	KEYED FLOOR PLAN, KEY & FINISH LEGEND
A1.1	DIMENSION FLOOR PLAN
A2.0	REFLECTED CEILING PLAN & FINISH LEGEND.
A3.0	ENLARGED RESTROOM PLAN, RESTROOM ELEVATIONS & DOOR SCHEDULE
A3.1	INTERIOR ELEVATIONS & SECTIONS
A3.2	INTERIOR ELEVATIONS & SECTIONS
A4.0	UL FIRE PENETRATION DETAILS.
A5.0	EXISTING EXTERIOR ELEVATIONS

#### FIRE PROTECTION

LS1.0	LIFE SAFETY FLOOR PLAN & NOTES
FP1.0	FIRE PROTECTION PLAN, DETAILS & NOTES

#### MEP

M1.0	MECHANICAL PLAN, SCHEDULE & NOTES.
M2.0	MECHANICAL ROOF PLAN
M3.0	MECHANICAL DETAILS.
E1.0	ELECTRICAL PLAN, LEGEND, PANEL SCHEDULES & NOTES
E2.0	ELECTRICAL REFLECTED CLG. PLAN SCHEDULES & NOTES
E3.0	ELECTRICAL ROOF PLAN
E4.0	ELECTRICAL RISER, METER ROOM PLAN & ELECTRICAL NOTES
P1.0	PLUMBING SANITARY PLANS, SCHEDULE & NOTES.
P2.0	PLUMBING WATER PLAN, SCHEDULE & NOTES
P3.0	PLUMBING GAS PIPING PLAN, GAS RISER & NOTES
P4.0	PLUMBING SANITARY AND WATER RISERS
P5.0	PLUMBING DETAILS

#### KITCHEN EQUIPMENT DRAWINGS (BY OTHERS)

K-100	CRITICAL DIMENSION & ELEVATION MARKER PLAN
K-101	KITCHEN EQUIPMENT PLAN & SCHEDULE
K-201	KITCHEN EQUIPMENT PLUMBING ROUGH-IN PLAN & SCHEDULE
K-301	KITCHEN EQUIPMENT ELECTRICAL ROUGH-IN PLAN & SCHEDULE
K-321	WALL BACKING & STAINLESS STEEL PANEL PLAN
K-401	EQUIPMENT ELEVATIONS
K-402	EQUIPMENT ELEVATIONS

#### HOOD DRAWINGS (BY OTHERS)

1	HOOD PLANS, SECTIONS & SCHEDULES
2	HOOD PLANS & SECTIONS
3	EXHAUST FAN DETAILS & SCHEDULES
4	SUPPLY FAN DETAILS & NOTES
5	HOOD CONTROL PANEL SCHEULE AND TEMP. SENSORS

#### SPECIFICATIONS

SPC1	SPECIFICATIONS
TOTAL (36) SHEETS	

project information:  
**Amaize Restaurant**  
 3887 N.W. 107th Avenue, Suite 101  
 DORAL, FLORIDA  
 property owners information:  
 BJCM Doral Properties  
 PO Box 560683  
 Miami, FL 33256  
 Tenant:Luis Genestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project history:  
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project information:  
 date: 08.16.2013  
 project number: 13-78F

sheet title:  
 cover sheet.

sheet number:  
**CS1**  
 file:  
 cs1.0-cover\_sheet.dwg

## GENERAL NOTES

THIS WORK INVOLVES THE INTERIOR BUILD-OUT OF A NEW 2,767.00 S.F. (GROSS) "AMIAZE" RESTAURANT LOCATED AT 3887 N.W. 107TH AVENUE, Suite 101, DORAL, FLORIDA.

### SCOPE OF WORK INCLUDES:

- MINIMAL DEMOLITION OF EXISTING SIDEWALK AND LANDSCAPE AREA FOR NEW EXTERIOR PATIO. SEE SHT-SP.1
- BUILD-OUT OF NEW AMAIZE RESTAURANT W/ (73) INTERIOR SEATS, SEE SHT. A1.0 & FOLLOWING SHTS FOR MORE INFORMATION.
- (2) NEW ADA COMPLIANT RESTROOM FACILITIES, SEE SHT. A1.0 & FOLLOWING SHTS FOR MORE INFORMATION

### INTERIOR WORK INCLUDES:

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- COUNTERS
- DISPLAYS
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- SIGNAGE & AWNINGS BY OTHERS/SEPARATE PERMIT

ALL REQUIREMENTS OF LOCAL, STATE & NATIONAL ORDINANCES, REGULATIONS & CODES PERTAINING TO BUILDING & TO THE PRESERVATION OF PUBLIC HEALTH & SAFETY SHALL BE STRICTLY OBSERVED BY THE GC & ALL SUB-CONTRACTORS. THE FLORIDA BUILDING CODE, (FBC) LATEST EDITION & ALL APPLICABLE LOCAL, NATIONAL AND/OR STATE CODES SHALL BECOME PART OF THESE PLANS AS IF BOUND HEREIN.

THE GC & ALL SUB-CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PERFORMING ANY WORK & SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY CONDITIONS THAT MAY EXIST THAT ARE NOT COVERED ON THESE PLANS, ALL CHANGES OR ALTERATIONS TO THESE PLANS MUST BE SUBMITTED IN WRITING & APPROVED BY THE ARCHITECT PRIOR TO PERFORMING CHANGES. IT IS THE GC'S RESPONSIBILITY FOR FINANCIAL COMPENSATION DUE TO ANY CHANGES, MODIFICATIONS, OR DEVIATIONS MADE TO THIS PROJECT WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT.

FINAL CLEANING: PRIOR TO OCCUPANCY, CLEAN ALL SURFACES INCLUDING FIXTURES & EQUIPMENT. REMOVE ALL TRACES OF SOIL, STAINS, DIRT, WASTE MATERIALS, SMUDGES & OTHER FOREIGN MATTER FROM ALL FINISHED SURFACES. CLEAN ALL EQUIPMENT TO A SANITARY CONDITION. CLEAN TRANSPARENT MATERIALS, INCLUDING MIRRORS & GLASS IN DOORS, WINDOWS & CASEWORK, TO A POLISHED CONDITION, FREE OF DUST, PUTTY, FILMS OR SIMILAR SUBSTANCES WHICH ARE NOTICEABLE AS VISION-OBSCURING.

WHERE DEMOLITION & CUTTING WORK HAS OCCURRED OR WHERE EXISTING SURFACES, MATERIALS OR OTHER ITEMS HAVE BEEN DAMAGED OR DISTURBED AS A RESULT OF THIS CONTRACT, THE SAID SURFACES SHALL BE CAREFULLY CLOSED UP, PATCHED, FINISHED & RESTORED TO BE CONTIGUOUS TO SURROUNDING SURFACES.

1. CONTRACTOR SHALL COMPLY W/ THE PROVISIONS OF THE FLORIDA BUILDING CODE: 2010 EDITION. IN ADDITION, ALL WORK SHALL BE IN COMPLIANCE W/ THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE & NFPA 101 / FIRE PREVENTION CODE.

### 2. PERMITS

A-THE GC SHALL SECURE & PAY FOR ALL NECESSARY BUILDING, LANDSCAPE, PLUMBING, ELECTRICAL, MECHANICAL, STRUCTURAL, & OTHER REQUIRED PERMITS; AS WELL AS, ALL TEMPORARY UTILITY & METER CONNECTION FEES.

B-THE GC SHALL SECURE A CERTIFICATE OF OCCUPANCY UPON COMPLETION OF THE PROJECT & TURN THE ORIGINAL DOCUMENT OVER TO THE OWNER W/ A COPY TO THE ARCHITECT.

C-THE GC SHALL BE REQUIRED TO PROVIDE A COPY OF THE BUILDING PERMIT & ALL SUB-PERMITS TO THE OWNER & THE ARCHITECT, FOR RECORD.

D-ALL / ANY PERMITS SHALL BE POSTED IN A VISIBLE PLACE AT ALL TIMES.

3. ALL WORK, MATERIALS & EQUIPMENT UTILIZED IN THIS PROJECT SHALL BE INSTALLED IN STRICT ACCORDANCE W/ THE MANUFACTURER RECOMMENDATIONS & SPECIFICATIONS.

4. ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL & INDUSTRY ORGANIZATIONS.

5. THE ARCHITECT DOES NOT HAVE CONTROL OR CHANGE OF, & SHALL NOT BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES & PROCEDURES FOR SAFETY PRECAUTIONS, OR FOR PROGRAMS IN CONNECTION W/ THE WORK, FOR THE ACTS OR OMISSIONS OF THE GC, SUB-CONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THE WORK, OR FOR THE FAILURE OF ANY THEM TO CARRY OUT THE WORK, IN ACCORDANCE W/ THE CONTRACT DOCUMENTS.

6. GC TO REMOVE, RELOCATE OR REROUTE AS NECESSARY ELECTRICAL, WATER, GAS OR ANY OTHER UTILITY LINES ENCOUNTERED & SHALL COORDINATE THIS WORK W/ ALL LOCAL UTILITY COMPANIES.

7. GC MUST NOTIFY ARCHITECT IMMEDIATELY OF ANY UNEXPECTED OR UNKNOWN CONDITIONS, DISCREPANCIES IN THE DWGS & CONTRACT DOCUMENTS & ERRORS OR OMISSIONS ON THE DWGS IN THE FIELD PRIOR TO PROCEEDING W/ WORK OR SHOP FABRICATIONS.

8. GC SHALL NOTIFY ARCHITECT FOR CLARIFICATION OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL DWGS.

9. GC TO OBTAIN WRITTEN APPROVAL FROM OWNER & ARCHITECT PRIOR TO ANY CHANGES OR DEVIATIONS FROM CONTRACT DOCUMENTS.

10. GC SHALL PREPARE & MAINTAIN ALL CONSTRUCTION AREAS, AS WELL AS SURROUNDING AREAS, FREE OF DEBRIS OR HAZARDOUS MATERIALS AT ALL TIMES.

11. GC SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR THE REPLACEMENT OF ANY ITEMS DAMAGED DURING CONSTRUCTION CLEAN-UP. CONSTRUCTION PERSONNEL SHALL BE CONFINED TO THE LIMITS OF THE CONSTRUCTION AREA. ALL OSHA REGULATIONS FOR CONSTRUCTION AREAS SHALL BE STRICTLY FOLLOWED.

### 12. DISCREPANCIES

A. IF DISCREPANCIES OR CONFLICTS IN THE CONTRACT DOCUMENTS, THE MORE STRICT REQUIREMENTS WILL APPLY.

B-ON-SITE VERIFICATION OF ALL DIMENSIONS & CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AT ONCE BEFORE PROCEEDING.

C-DWGS ARE NOT TO BE SCALED. DIMENSIONS SHALL BE FOLLOWED.

13. ALL DIMENSIONS ARE BASED ON NOMINAL SIZES OF MEMBERS & ARE GIVEN TO THE OUTER FACE OF SUCH MEMBERS, NOT TO FACE OF FINISHED MATERIALS UNLESS OTHERWISE NOTED ON THE DWGS.

14. GC TO SUBMIT SHOP DWGS FOR APPROVAL BEFORE COMMENCING FABRICATIONS AND/OR INSTALLATION OF ALL APPLICABLE ITEMS FOR CONSTRUCTION. ALL SHOP DWG DIMENSIONS SHALL BE FIELD VERIFIED, REVIEWED & APPROVED BY CONTRACTOR BEFORE SUBMITTAL. SHOP DWGS WHICH ARE INCOMPLETE OR LACKING SUFFICIENT INFORMATION WILL BE RETURNED W/O REVIEW.

15. THE GC SHALL BE AWARE THAT SPECIFIC FIRE RATED SEPARATIONS WITHIN THE BUILDING'S CONSTRUCTION ARE REQUIRED BY CODE. THE SPECIFIC MATERIALS & COMBINATIONS OF MATERIALS WITHIN FIRE RATED ASSEMBLIES AS CALLED FOR ON THE DWGS & SPECS ARE FOR THE PURPOSE OF ACHIEVING THOSE REQUIRED FIRE SEPARATIONS. IT SHALL BE THE GC'S RESPONSIBILITY TO VERIFY THE CHANGES IN MATERIAL THAT ARE REQUESTED BY OR MADE BY THE GC AND/OR IT'S SUBCONTRACTORS, FROM THOSE MATERIALS DRAWN OR SPECIFIED, DOES NOT IN ANY WAY EFFECT OR LESSEN THE REQUIRED FIRE RATED CONSTRUCTION ASSEMBLY.

16. WHERE CMU IS INDICATED TO HAVE A SPECIFIC HOURLY FIRE RATING, THIS SHALL BE TAKEN AS THE MINIMUM ALLOWED.

17. ALL WOOD FRAMING, INCLUDING PLYWOOD, WHICH IS CONCEALED WITHIN WALLS OR CEILINGS OR USED FOR SUPPORT OF WALLS & CEILINGS SHALL MEET CODE, REQUIREMENTS, PRESSURE TREATED WOOD SHALL BE USED WHERE IN CONTACT W/ CONCRETE OR MASONRY OR IN CONTACT W/ THE ELEMENTS (EXT).

18. GC TO SUBMIT A MINIMUM OF FIVE (5) SETS OF COMPLETE SHOP DWGS AS SUBMITTALS FOR APPROVAL BEFORE COMMENCING FABRICATION &/OR INSTALLATION OF ALL APPLICABLE ITEMS FOR CONSTRUCTION. ALL SHOP DWGS DIMENSIONS SHALL BE FIELD VERIFIED & REVIEWED & APPROVED BY THE GC BEFORE SUBMITTAL & SO NOTED.

19. GC TO FURNISH & INSTALL ALL METAL & WOOD BLOCKING REQUIRED FOR WALL-MOUNTED OR BRACED FIXTURES, MILLWORK, SHELVES, BATHRM FIXTURES & ACCESSORIES OR BY OTHER ITEMS DESCRIBED IN INTERIOR DESIGN & ARCHITECTURAL DWGS.

### 20. NOT USED

21. GC SHALL COORDINATE W/ MECHANICAL & ELECTRICAL CONTRACTORS THE LOCATION OF ALL ACCESS PANELS SO AS TO ALLOW FOR PROPER EQUIPMENT ACCESSIBILITY, MAINTENANCE AND/OR OPERATION OF THE BUILDING SYSTEMS. THE OMISSIONS OF ANY OR ALL ACCESS PANELS DOES NOT RELIEVE THE GC OF THE RESPONSIBILITY FROM PROVIDING AND INSTALLING SUCH PANELS OR DOORS.

22. CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL A/C FIRE DAMPERS WHERE APPLICABLE.

23. CONTRACTOR SHALL PAINT ALL VISIBLE SURFACES OF FACTORY PRIMED EQUIPMENT UNLESS SPECIFICALLY NOTED OTHERWISE. VERIFY AND COORDINATE COLORS WITH ARCHITECT.

24. BEFORE INSTALLATION, THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT THE EXACT MOUNTING LOCATION OF ALL SWITCHES, WALL RECEPTACLES, PLUGS, THERMOSTATS AND OTHER WALL MOUNTED FIXTURES.

25. ALL INTERIOR & EXTERIOR JOINTS BTW DIFFERENT MATERIALS OR FINISHES SHALL RECEIVE A BEAD OF SILICON CAULKING TO MATCH COLOR OF ADJACENT SURFACE. SUBMIT SPECIFIC PRODUCT INFORMATION & LOCATIONS TO ARCHITECT PRIOR TO USE FOR APPROVALS.

26. GC SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS & CONSTRUCTION MATERIAL FROM SITE. GC SHALL ALSO BE RESPONSIBLE FOR PROPERLY CLEANING ALL AREAS PRIOR TO FINAL ACCEPTANCE BY THE OWNER INCLUDING BUT NOT LIMITED TO WINDOWS, STOREFRONT, FLOORS, CARPETS, WALLS, DOORS, ETC.

27. UPON COMPLETION OF THIS PROJECT, THE GC SHALL GIVE THE OWNER A COMPLETE SET OF AS BUILT ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION DWGS ALONG W/ WRITTEN GUARANTIES FOR ALL EQUIPMENT & FINISHES INSTALLED. THE GC SHALL MAINTAIN A CURRENT SET OF AS-BUILT DWGS. INFORMATION SHALL BE RECORDED BY GC AS CONSTRUCTION PROGRESSES.

28. BUILDINGS & STRUCTURES HEREIN PROVIDED FOR UNDER DIVISION 3, 4, 5, 6, & 7 MEET THE REQUIREMENTS FOR IMPACT RESISTIBILITY, AS REQUIRED BY SECTION 2315 OF THE FLORIDA BUILDING CODE & ARE DESIGNED & CONSTRUCTED IN ACCORDANCE W/ CONDITION II, TABLE 9 OF THE ASCE 7-98.

29. GC TO SUBMIT PRODUCT APPROVAL TO THE BUILDING DEPARTMENT FOR ALL DOORS & ALL COMPONENTS REQUIRING PRODUCT APPROVAL PRIOR TO THE SUBMITTAL OF SHOP DWGS.

30. GC SHALL PROVIDE PROPER SAFE GUARD IN COMPLIANCE WITH CODES DURING ALL PHASES OF CONSTRUCTION.

31. GC TO INSTALL BARRIERS AS NECESSARY & REQUIRED AROUND PERIMETER OF CONSTRUCTION LIMITS TO PROTECT THE PUBLIC.

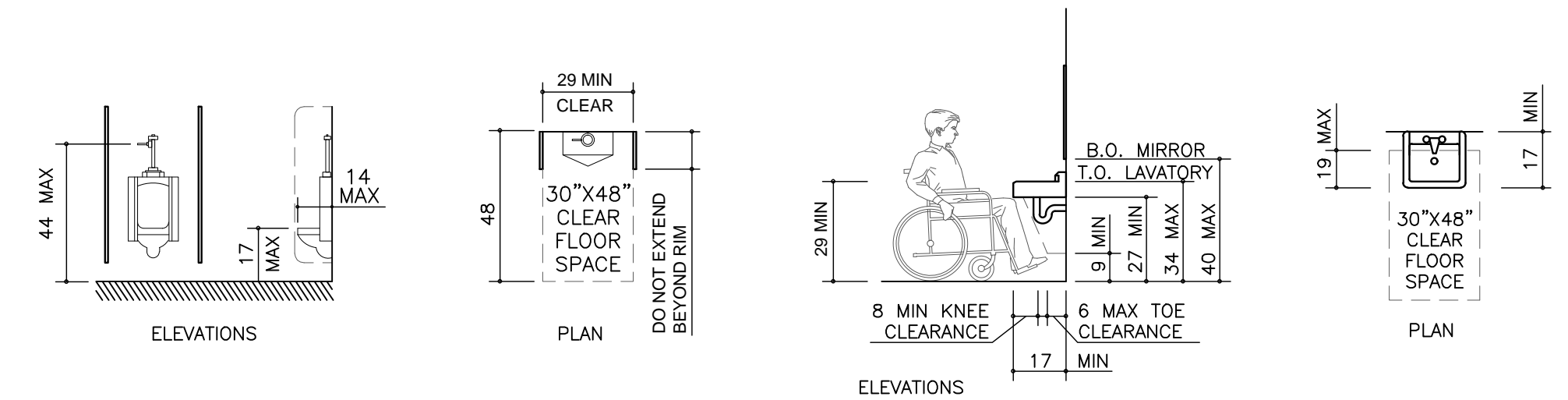
32. GC TO FIRE CAULK ALL EXISTING & NEW PENETRATIONS THRU FIRE SEPARATIONS. FIRE CAULK TO BE UL-LISTED. SEE FIRE PENETRATION DETAILS AS SHOWN IN THIS SET OF DOCUMENTS.

## ABBREVIATIONS

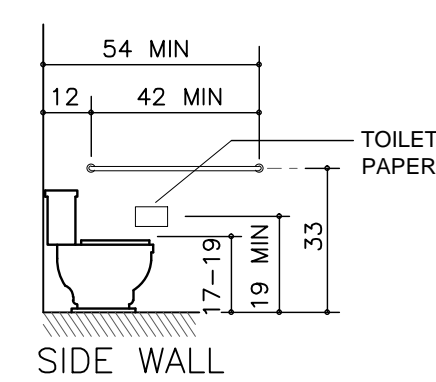
ADA	AMERICANS WITH DISABILITIES ACT	IG	ISOLATED GROUND RECEPTACLE
ADAAG	AMERICANS WITH DISABILITIES ACT, ARCHITECTURAL GUIDELINES ABOVE FINISH FLOOR	INSUL	INSULATION
AFF	ALUMINUM	INT	INTERIOR
ALUMN.	ALUMINUM	JAN.	JANITOR
AMSL	ABOVE MEAN SEA LEVEL	J-BOX	JUNCTION BOX (ELECTRICAL)
BD	BOARD	LAV.	LAVATORY
BLDG.	BUILDING	LB	POUND
C.C.	CENTER TO CENTER	M.R.	MOISTURE RESISTANT
C.I.	CAST IRON	MAX.	MAXIMUM
CBS	CONCRETE BLOCK STRUCTURE	MECH	MECHANICAL
CJ	CONTROL JOINT	MEP	MECHANICAL, ELECTRICAL & PLUMBING
CL	CLOSET	MIN.	MINIMUM
CLG	CEILING	MO	MASONRY OPENING
CLR	CLEAR	MSL	MEAN SEA LEVEL
CMU	CONCRETE MASONRY UNIT	MTL.	METAL
CO	CERTIFICATE OF OCCUPANCY	N/A	NOT APPLICABLE
COL	COLUMN	NR	NOT REQUIRED
COMM	COMMUNICATION	NEC	NATIONAL ELECTRICAL CODE
CONC.	CONCRETE	NFPA 101	NATIONAL FIRE PROTECTION ASSOCIATION, (LIFE SAFETY CODE)
CONT	CONTINUOUS	NTC	NOT IN CONTRACT
CPT	CARPET	NIC	NUMBER
CT	CERAMIC TILE	NOM	NOMINAL
DBL	DOUBLE	NTS	NOT TO SCALE
DEMO	DEMOLITION	O.C.	ON CENTER
DEPT.	DEPARTMENT	PART	PARTITION
DF	DRINKING FOUNTAIN	PLAM	PLASTIC LAMINATE
DIA.	DIAMETER	PLUMB	PLUMBING
DIM	DIMENSION	PLY	PLYWOOD
DN	DOWN	PT	PRESSURE TREATED
DR	DOOR	PVC	POLYVINYLCHLORIDE (PLASTIC PIPE)
DWG	DRAWING	QTY.	QUANTITY
E	EXISTING	R	RISER / RADIUS
EA.	EACH	RECP.T.	RECEPTACLE
EJ	EXPANSION JOINT	REINF.	REINFORCED
ELEC.	ELECTRICAL	REQ.	REQUIRED
ELEV.	ELEVATION	RM	ROOM
EMT	ELECTRICAL METAL TUBING	S.S.	STAINLESS STEEL
EQ.	EQUAL	SBC	STANDARD BUILDING CODE
EQUIP	EQUIPMENT	SCWD	SOLID CORE WOOD
EWC	ELECTRIC WATER COOLER	SF	SQUARE FEET
EXP	EXPANSION	SFBC	SOUTH FLORIDA BUILDING CODE
EXT.	EXTERIOR	SH	SRIRACHA HOUSE
F.E.	FIRE EXTINGUISHER	SIM.	SIMILAR
FAC	FLORIDA ACCESSIBILITY CODE	SIM.	SPECIFICATIONS
FACP	FIRE ALARM CONTROL PANEL	SO. IN.	SQUARE INCHES
FD	FLOOR DRAIN	STD	STANDARD
FE	FINISH FLOOR ELEVATION	STG.	STORAGE
FIN	FINISH	STL.	STEEL
FIXT.	FIXTURE	STOR	STORAGE
FL	FLOOR	STR.	STRUCTURAL
FP	FIRE PROTECTION	T.M.E.	TO MATCH EXISTING
FPL	FLORIDA POWER & LIGHT	TOO	TEMPORARY CERTIFICATE OF OCCUPANCY
FS	FIRE SPRINKLER	TEL	TELEPHONE
FT	FEET OR FOOT	TYP.	TYPICAL
FURN	FURNITURE	UL	UNDERWRITERS LABORATORIES
GA	GAUGE	VCT	VINYL COMPOSITION TILE
GC	GENERAL CONTRACTOR	W/	WITH
GFI	GROUND FAULT INTERRUPT	WC	WATER CLOSET
GFC	GROUND FAULT INTERRUPT CIRCUIT	WD	WOOD
GYP. BD.	GYPSUM BOARD	WP	WATER PROOF
HCWD	HOLLOW CORE WOOD		
HDWR	HARDWARE		
HM	HOLLOW METAL		
HOR	HORIZONTAL		
HR	HOUR		
HT	HEIGHT		
HVAC	HEATING, VENTILATION & AIR CONDITIONING		
HWH	WATER HEATER		

## CONSTRUCTION LEGEND

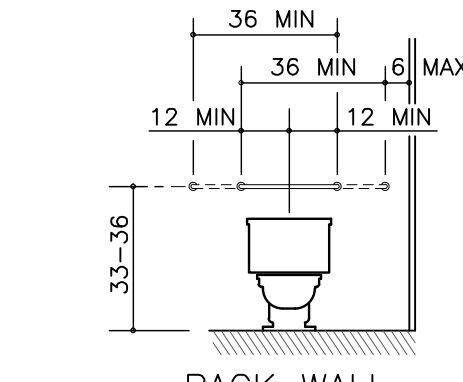
	TYPICAL KEYNOTE, SEE SHEET A1.1
	TYPICAL KEYNOTE, SEE SHEET A1.1
	DETAIL CALL OUT TAG
	SECTION CUT TAG
	ELEVATIONS TAG
	FLOOR HEIGHT TAG



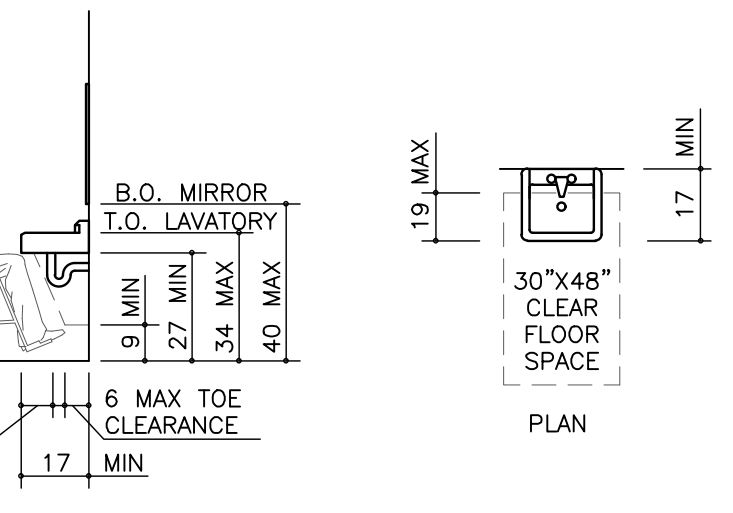
URINAL CLEARANCES



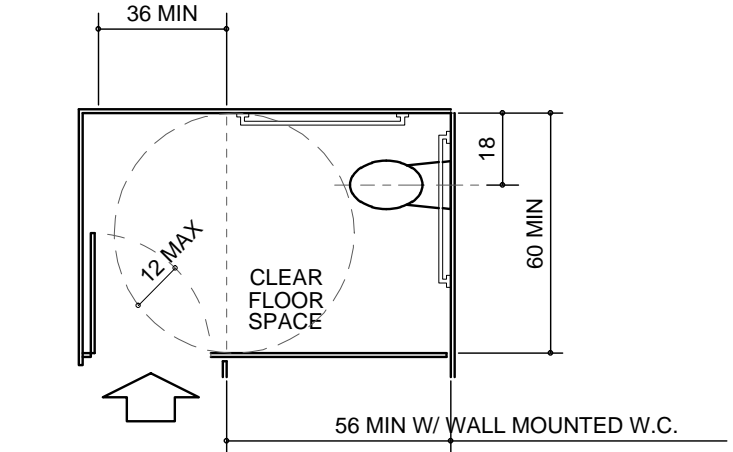
GRAB BARS AT WATER CLOSETS



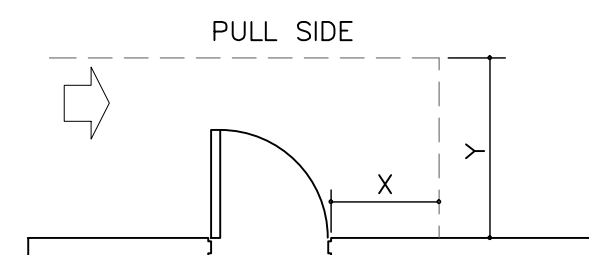
GRAB BARS AT WATER CLOSETS



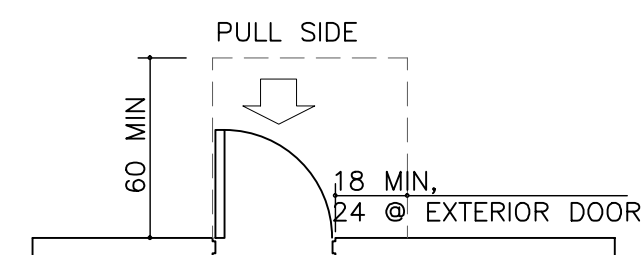
LAVATORY CLEARANCES



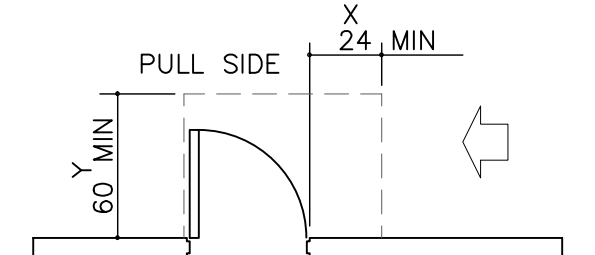
STANDARD STALL (END OF ROW)



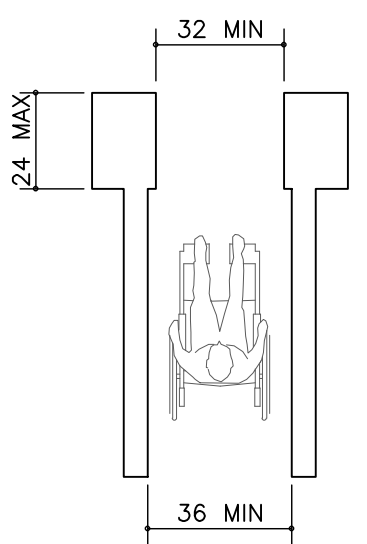
HINGE SIDE APPROACH - SWINGING DOOR



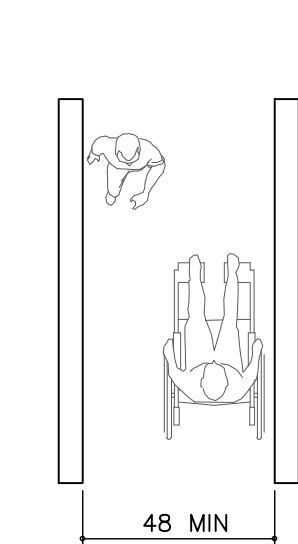
FRONT APPROACH - SWINGING DOOR



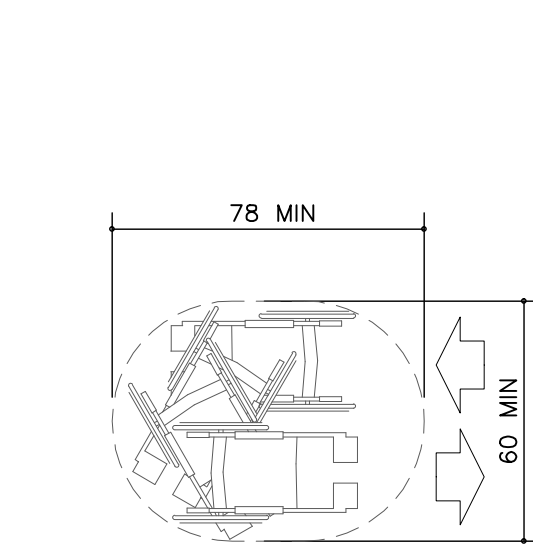
LATCH SIDE APPROACH - SWINGING DOOR



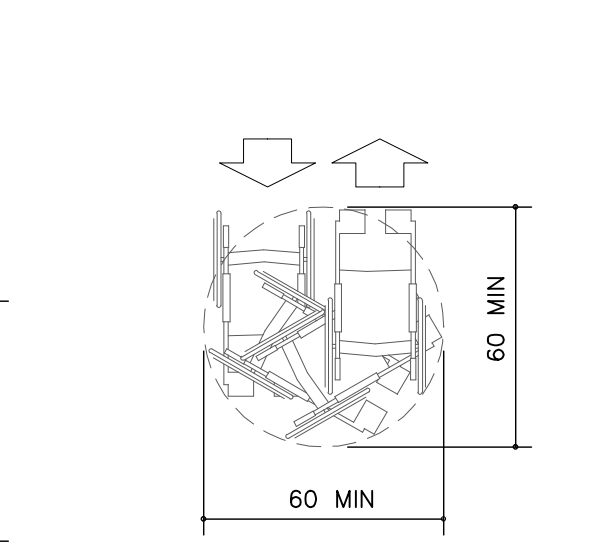
MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR



MINIMUM CLEAR WIDTH FOR ONE WHEELCHAIRS



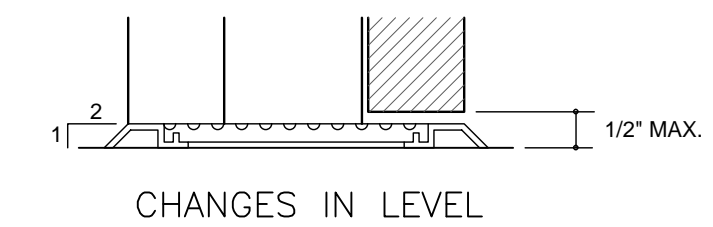
SPACE NEEDED FOR U-TURN



WHEELCHAIR TURNING SPACE

## 1 MISC. ADA DETAILS

NOT TO SCALE



CHANGES IN LEVEL



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architect of record:  
**William F. Arthur**  
License Number: 0012074

seal

design associate:  
**MMH**

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project information:  
**Amaze Restaurant**  
3887 N.W. 107th Avenue, Suite 101  
DORAL, FLORIDA

property owners information:  
**BJCM Doral Properties**  
PO Box 560683  
Miami, FL 33256  
Tenant:Luis Ganestira 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project history:

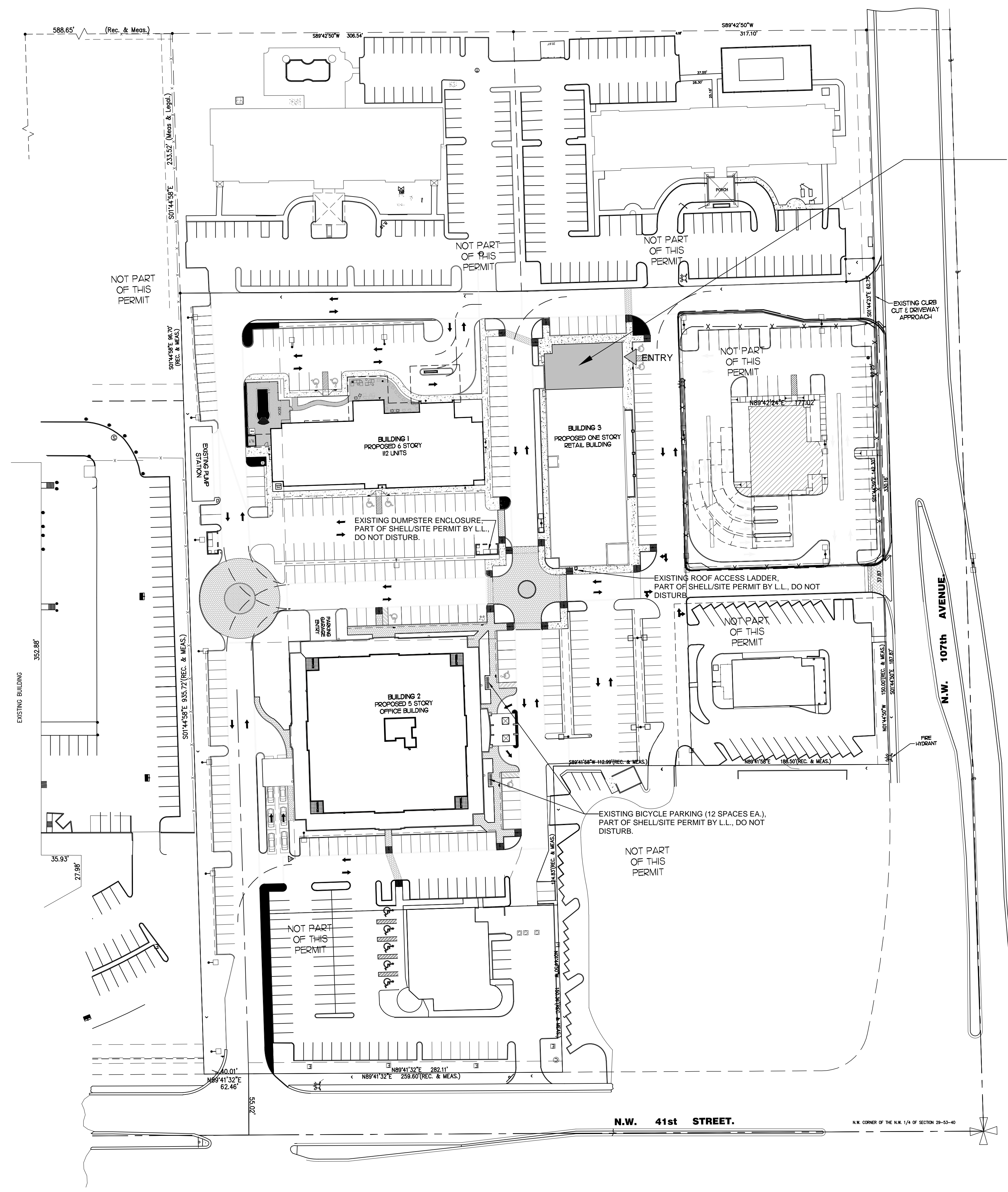
project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
**general notes & ADA guidelines**

sheet number:  
**CS2**  
file:  
cs2.0-abbr\_&\_ada\_info.dwg

ZONING INFORMATION / PARCEL 4			
AS APPROVED UNDER L.L. SHELL/SITE PERMIT			
PROJECT NAME:		AMENDED DORAL BUSINESS & OFFICE CENTER	
ZONING:		CORRIDOR COMERCIAL	
NET PARCEL AREA:		247,016 SQ. FT. (5.67 ACRES)	
BUILDING COVERAGE:		ALLOWED FOR NET PARCEL AREA	PROVIDED FOR NET PARCEL AREA (NEW DESIGN)
LOT COVERAGE (50%) - PARCEL AREA		123,508 SQ. FT.	72,220 SQ. FT. (29.23%)
FLOOR AREA RATIO:		ALLOWED FOR NET PARCEL AREA	PROVIDED FOR NET PARCEL AREA
FIRST FLOOR - 0.50	0.50	123,508 SQ. FT.	58,177 SQ. FT.
4TH THRU 6TH FLOORS - 0.25	0.75	185,262 SQ. FT.	140,031 SQ. FT.
TOTAL F.A.R.	1.25	308,770 SQ. FT.	198,208 SQ. FT.
SETBACKS		REQUIRED	PROVIDED
BUILDING BASE			
FRONT	20'-0"	44'-7"	
REAR	20'-0"	87'-7"	
SIDE	15'-0"	58'-5"	
PARKING:		REQUIRED	PARKING PROVIDED
BUILDING - 1	REST. SF	RETAIL SF	OFFICE SF
GROUND FLOOR	-	-	17,941 SF
2ND. FLOOR	-	-	-
3RD. FLOOR	-	-	-
4TH. FLOOR	-	-	25,720 SF
5TH. FLOOR	-	-	25,720 SF
6TH. FLOOR	-	-	3,241 SF
			72,622 SF
1. 1 PER 300 SQ. FT. - OFFICE		72,622 SF / 300 = 242.07	
BUILDING - 2	REST. SF	RETAIL SF	OFFICE SF
GROUND FLOOR	2,424 SF	8,308 SF	7,209 SF
2ND. FLOOR	-	-	-
3RD. FLOOR	-	-	-
4TH. FLOOR	-	-	25,720 SF
5TH. FLOOR	-	-	25,720 SF
6TH. FLOOR	-	-	22,236 SF
	2,424 SF	8,308 SF	80,885 SF
1. 1 PER 45 SQ. FT. OF PATRON AREA - RESTAURANT		1,212 SF / 45 = 26.93	
2. 1 PER 250 SQ. FT. - RETAIL		8,308 SF / 250 = 33.23	
3. 1 PER 300 SQ. FT. - OFFICE		80,885 SF / 300 = 269.61	
BUILDING - 3	REST. SF	RETAIL SF	OFFICE SF
GROUND FLOOR	1,476 SF	12,000 SF	-
	1,476 SF	12,000 SF	-
1. 1 PER 45 SQ. FT. OF PATRON AREA - RESTAURANT		738 SF / 45 = 16.4	
2. 1 PER 250 SQ. FT. - RETAIL		12,000 SF / 250 = 48	
3. 1 PER 300 SQ. FT. - OFFICE		(NO OFFICE)	
TOTAL	REST. SF	RETAIL SF	OFFICE SF
	3,900 SF	1/2=1,950 SF	20,308 SF
			153,507 SF
LANDSCAPE AREA		REQUIRED FOR NET PARCEL AREA	PROVIDED FOR NET PARCEL AREA
1 ACRE UP TO 5 ACRES - 16%		39,522 SQ. FT.	GREEN AREA - 39,600 SQ. FT.
			OPEN WALKWAYS - 4,830 SQ. FT.
1.5% 2ND THRU 6TH FLOOR - 7.5%		18,526 SQ. FT.	COVERED WALKWAYS - 11,890 SQ. FT.
			OPEN TERRACES - 6,144 SQ. FT.
TOTAL - 23.5%		58,048 SQ. FT.	TOTAL 25.2% - 62,464 SQ. FT.


REVISED PARKING CALCULATIONS					
BUILDING - 3	REST. SF	RETAIL SF	OFFICE SF		
GROUND FLOOR	2,767 SF	10,709 SF	-		
1. 1 PER 45 SQ. FT. OF PATRON AREA - RESTAURANT		798 SF / 45 = 17.7		OUTDOOR PATIO	283 SF / 45 = 6.3
2. 1 PER 250 SQ. FT. - RETAIL		10,709 SF / 250 = 42.8			
3. 1 PER 300 SQ. FT. - OFFICE		(NO OFFICE)			
TOTAL PARKING REQUIRED FOR BUILDING 3 -		67.3 SPACES		(64.4 SPACES APPROVED UNDER MASTER PERMIT)	
ORIGINAL TOTAL	REST. (PATRON SF.)	RETAIL SF	OFFICE SF	REQUIRED	PROVIDED
	1,950 SF / 45	20,308 SF / 250	153,507 SF / 300	636.24	656
REVISED TOTAL	REST. (PATRON SF.)	RETAIL SF	OFFICE SF	REQUIRED	PROVIDED
	2,293 SF / 45	19,099 SF / 250	153,507 SF / 300	639.04	656



AMAIZE RESTAURANT  
 3887 N.W. 107TH AVENUE, Suite 101  
 FOLIO: 35-3029-087-0010  
 SEE SHT SP1.1 FOR ENLARGED SITE PLAN.

FOR REFERENCE ONLY - APPROVED UNDER MASTER PERMIT

**1 EXISTING SITE PLAN**  
 NOT TO SCALE



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**MMH**

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 PO Box 560683  
 Miami, FL 33256  
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project history:  
 ▲  
 ▲  
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project information:  
 date: 08.16.2013  
 project number: 13-78F

sheet title:  
**existing site plan**

sheet number:  
**SP1.0**

file:  
 sp1.0-site\_plan.dwg

**KEYED NOTES:**

INDICATED BY  SYMBOL

GENERAL:

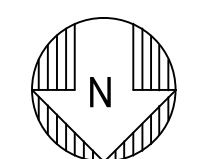
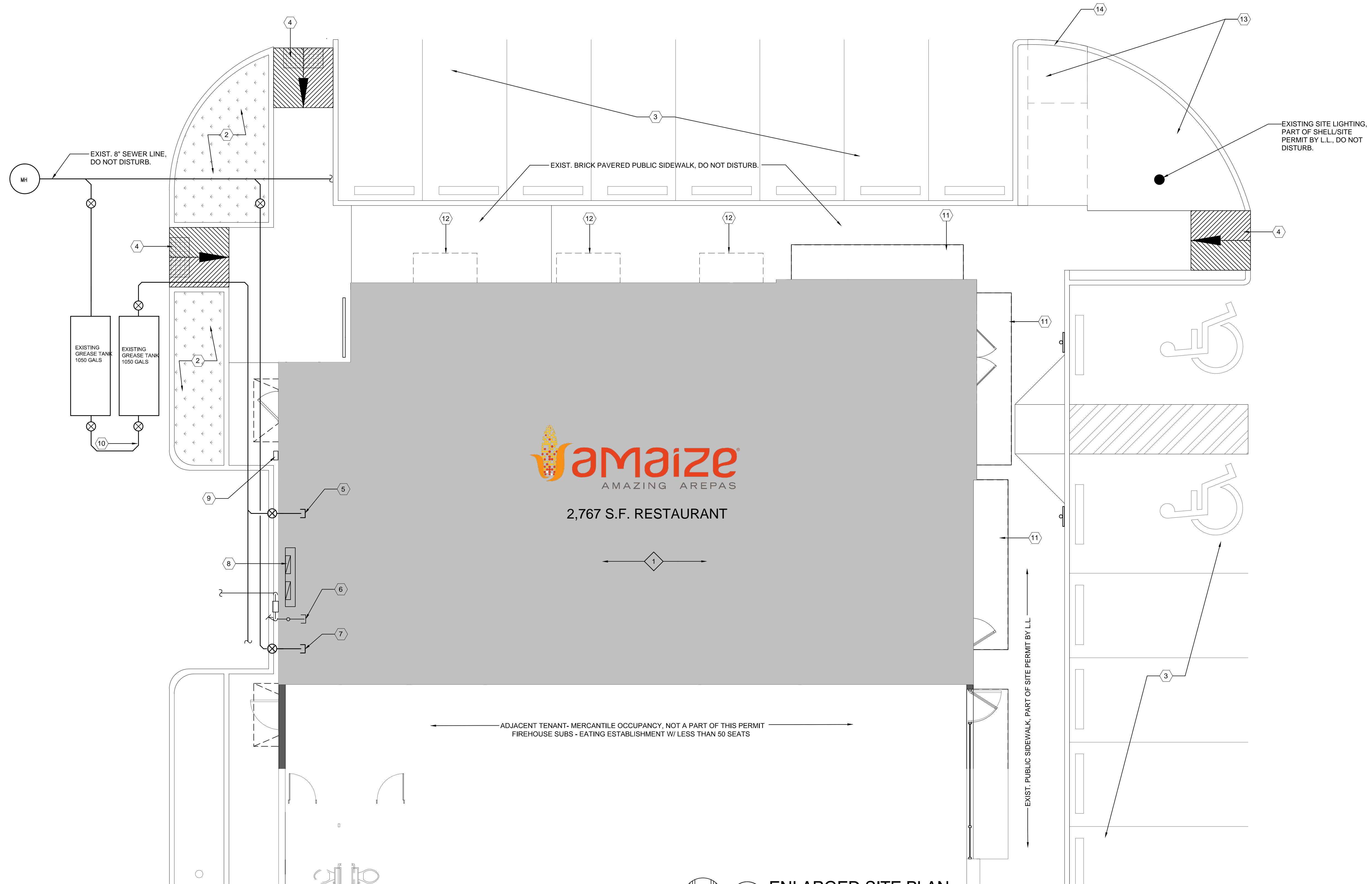
- ① EXISTING BUILDING PERMITTED UNDER SEPARATE SHELL PERMIT BY L.L.
- ② EXISTING LANDSCAPE AREA AND CURBING, PART OF SHELL/SITE PERMIT BY L.L. DO NOT DISTURB UNLESS OTHERWISE NOTED.
- ③ EXISTING ASPHALT PARKING, PAVING, GRADING, DRAINAGE, PARKING STRIPING, CURBS, WHEEL STOPS, DIRECTIONAL SIGNAGE, LANDSCAPING, SITE LIGHTING, ETC. PART OF SHELL/SITE PERMIT BY L.L. DO NOT DISTURB UNLESS OTHERWISE NOTED.
- ④ EXISTING ADA CURB RAMP & DETECTABLE WARNING, DO NOT DISTURB.
- ⑤ EXIST. 4" STUB UP FOR GREASE LINE AND (2) 1050 GAL.(EA) GREASE TRAPS, PART OF SHELL/SITE PERMIT BY L.L. SEE MEP FOR CONTINUATION. VERIFY EXACT LOCATION WITH L.L. PROVIDED UTILITY LOCATIONS.

- ⑥ EXIST. 1 1/2" WATER LINE FROM 2" WATER METER AND BACKFLOW DEVICE, PART OF SHELL/SITE PERMIT BY L.L. SEE MEP FOR CONTINUATION. VERIFY EXACT LOCATION WITH L.L. PROVIDED UTILITY LOCATIONS.
- ⑦ EXIST. 4" STUB UP FOR SANITARY LINE, (12" ABOVE DIRT WITH CAP) PART OF SHELL/SITE PERMIT BY L.L. SEE MEP FOR CONTINUATION. VERIFY EXACT LOCATION WITH L.L. PROVIDED UTILITY LOCATIONS.
- ⑧ EXISTING ELECTRICAL PANELS INSIDE PREMISES AS A PART OF SHELL PERMIT. SEE MEP FOR CONTINUATION. VERIFY EXACT LOCATION WITH L.L. PROVIDED UTILITY LOCATIONS.
- ⑨ PROPOSED LOCATION OF GAS METER. SEE MEP FOR CONTINUATION. VERIFY EXACT LOCATION WITH GAS COMPANY/PROVIDER.

- ⑩ EXIST. SERVICE DOOR, DO NOT DISTURB.
- ⑪ EXISTING CANOPY, DO NOT DISTURB.
- ⑫ LINE OF AWNING (BY OTHERS, PART OF SEPARATE PERMIT).
- ⑬ REMOVE RAMP/SIDEWALK AND LANDSCAPING FOR NEW BRICK PAVED OUTDOOR DINING AREA. BRICK PAVERS MUST MATCH L.L. PROVIDED PAVED SIDEWALK. SEE SHT. A1.1 FOR MORE INFORMATION.
- ⑭ PROVIDE NEW CURBING TO BE CONTIGUOUS WITH EXISTING.

**GENERAL NOTES:**

- A. PARKING LOT LIGHTING PROVIDED AND INSTALLED UNDER L.L. SITE/SHELL PERMIT. NOT A PART OF THESE DOCUMENTS.
- B. OVERALL SITE DIRECTIONAL SIGNAGE PROVIDED AND INSTALLED UNDER L.L. SITE/SHELL PERMIT. NOT A PART OF THESE DOCUMENTS.



1

**ENLARGED SITE PLAN**

SCALE: 3/16" = 1'-0"



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project history:  
▲  
▲  
▲

project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
**enlarged site plan**

sheet number:  
**SP1.1**  
file:  
sp1.1-enlarged site\_plan.dwg

**KEY LEGEND:** □

1. EXIST IMPACT RESISTANT STOREFRONT SYSTEM, DO NOT DISTURB.
2. EXIST. MASONRY WALL, DO NOT DISTURB EXTERIOR SIDE. INTERIOR SIDE, APPLY 1/2", 25 GA MTL FURRING CHANNELS W/ R4.0 FOIL BACKED INSULATION & 5/8" DRYWALL FROM FLOOR TO BOTTOM OF ROOF DECK. DRYWALL SHALL BE TAPED, SANDED & PREPARED READY FOR "AMAIZE" PROVIDED FINISHES. SEE ARCHITECTURAL PROTOTYPE PACKAGE.
- 2a. SAME AS KEY NOTE "2" EXCEPT INSULATION NOT REQUIRED.
- 2b. SAME AS KEY NOTE "2" EXCEPT APPLY FROM BOTTOM OF STOREFRONT HEADER, UP BULKHEAD TO BOTTOM OF ROOF DECK. AT SOUTH STOREFRONT, TERMINATE DRYWALL +12.00' A.F.F.
- 2c. SAME AS KEY NOTE "2" EXCEPT TERMINATE DRYWALL +12.00' A.F.F.
3. "BLACK-OUT" INTERIOR SIDE OF STOREFRONT GLASS W/ FILM. CLOSE OPENING FROM FLOOR TO BOTTOM OF HEADER W/ 20 GA. STUDS @ 16" O.C. APPLY 5/8" DRYWALL FLUSH AND CONTIGUOUS WITH SURROUNDING SURFACES.
- 3a. PARTIAL "FROST" INTERIOR SIDE OF STOREFRONT GLASS, SEE ELEVATIONS SHT. A3.1 FOR NON-TINTED AREAS.
4. EXIST. 2-HR. FIRE RATED PARTITION, BUILT & APPROVED UNDER SHELL DOCUMENTS, NOT TO BE DISTURBED EXCEPT FOR NEW FINISHES BEING APPLIED TO WALL. ALL FINISHES SHALL BE A MIN. OF CLASS "C" RATING.
5. TYP INT PARTITION, (1) LAYER 5/8" GYPSUM BD APPLIED VERT TO OUTER SD (USE GREENBD AT INT SIDE OF RESTRM) 3-5/8", 20GA. STL STUDS AT 16" O.C. RUN PARTITION AND D.W. TO A HEIGHT OF 6' ABOVE CEILING, TAPED, SANDED & PREPARED READY FOR FINISHES. REFER TO DTL 8/A3.0.
- 5a. SAME AS "5" EXCEPT USE 20 GA. 6" STL. STUDS.
- 5b. SAME AS "5" EXCEPT PROVIDE BLOCKING IN PARTITION AS REQUIRED FOR SHELVING.
- 5c. SAME AS "5" EXCEPT USE 20 GA. 6" STL. STUDS & PROVIDE BLOCKING IN PARTITION AS REQUIRED FOR SHELVING.
6. LOW HEIGHT MILLWORK PARTITION W/ SNEEZE GUARD ABOVE PROVIDED BY SEPARATE VENDOR. SEE MORE INFORMATION FROM "WASSERSTROM" DOCUMENTS. G.C. TO COORDINATE INSTALLATION OF UTILITIES. VERIFY WITH MICHAEL HOERNER PARTY RESPONSIBLE FOR PARTITION INSTALLATION.
7. SAME AS KEY NOTE "6" EXCEPT NO SNEEZE GUARD & WALL PARTITION FINISHES VARY.
8. DISPLAY, COUNTER, MILLWORK ITEM TO BE DETAILED BY "OTHERS" ND AS PROVIDED UNDER SEPARATE "AMAIZE" VENDOR / SUB-CONTRACTOR. ANY COUNTERS USED BY THE PUBLIC SHALL BE MAX. OF 36" A.F.F. FOR A DISTANCE OF AT LEAST 36" AS REQUIRED BY F.A.C. 904.4.1.
- 8a. FURNITURE/TABLES, CHAIRS, STOOLS, BENCH SEATING SHALL BE PROVIDED & SET-UP BY SEPARATE VENDOR.
9. SERVICE SINK W/ WATER HEATER ABOVE, SEE DTL. 7 SHT. A-3.0.
10. EXISTING ELEC. PANELS & EXIST. STEP DOWN TRANSFORMER ABOVE. REFER TO ELECTRICAL SHEETS FOR MORE INFO.
11. NEW SUB-PANEL, SEE ELECTRICAL SHEETS FOR MORE INFO.
12. WALK-IN COOLER UNIT AS PROVIDED & INSTALLED BY "WASSERSTROM". G.C. TO COORDINATE & PROVIDE ALL REQUIRED UTILITY CONNECTIONS SHOWN ON MEP SHEETS.
13. SAME AS KEY NOTE "11", EXCEPT FREEZER UNIT.
14. TRANSITION STRIP AS REQUIRED.
15. EXISTING STRUCTURAL COLUMN NOT TO BE DISTURBED STRUCTURALLY. COLUMN TO BE WOOD WRAPPED. SEE "AMAIZE" ARCHITECTURAL PROTOTYPICAL PACKAGE FOR MORE DETAILED INFORMATION REGARDING FINISHES.
16. TYP. 42" HIGH METAL RAILING (PAINTED BLACK) WITH WD. TOP GUARDRAIL (STAINED WALNUT), SEE DETAILS THIS SHT.

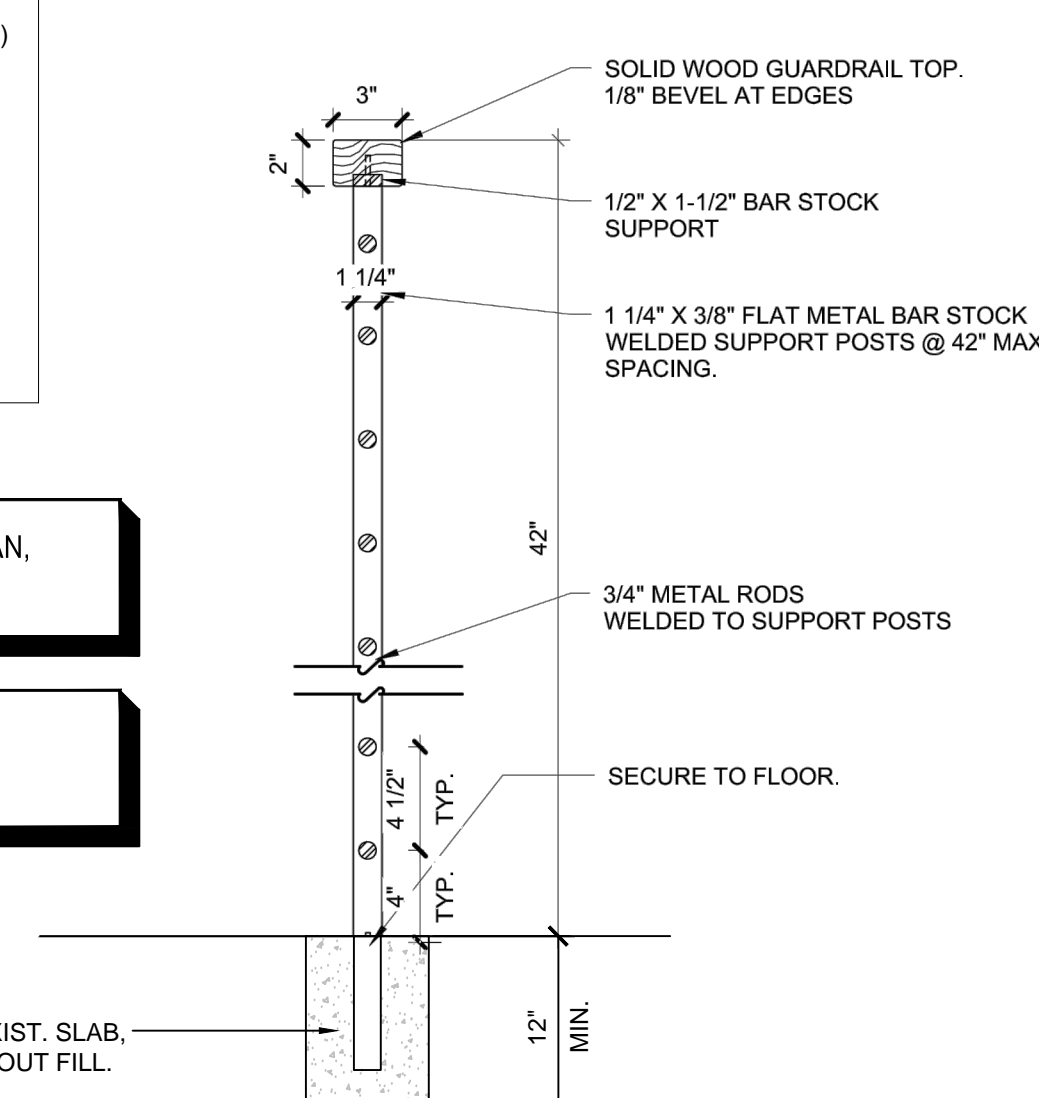
**WALL LEGEND**

- NEW PARTITIONS (FULL HT., SEE DTL. 8/A-3.0)
- CUSTOM FABRICATED 3/4" HEIGHT PARTITION (HEIGHT VARIES) AS PROVIDED BY SEPARATE MILLWORK VENDOR.
- EXISTING MASONRY WALL. SEE KEY LEGEND FOR NEW DRYWALL FINISHES.
- EXISTING 2-HR. RATED DEMISING WALL.

SEE OCCUPANT LOAD CALCULATION AND SEATING PLAN, SHEET A-0.0.

SEE DOOR SCHEDULE SHEET A-3.0.

FINISH NOTES:  
WOOD STAINED DARK WALNUT. ALL METAL PAINTED GLOSS BLACK



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

MERCADITO MILLWORK

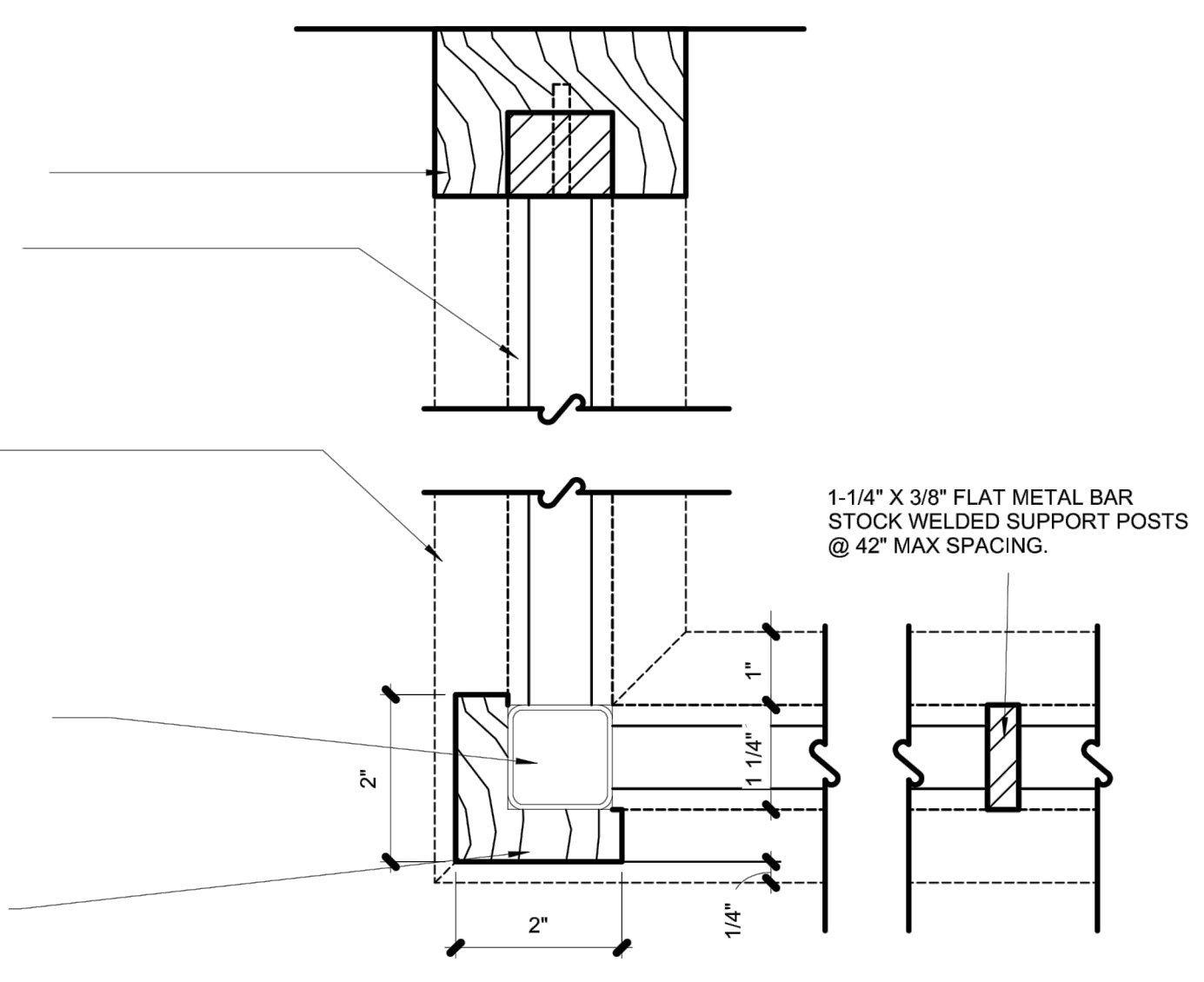
WD CAP @ END POST. RETURN RAILING CAP TO FLOOR

3/4" MTL RODS @ 4-1/2" OC

WD CAP ABOVE. MITER @ CORNERS

1-1/4"x1-1/4" TUBE SUPPORT POST @ EACH CORNER

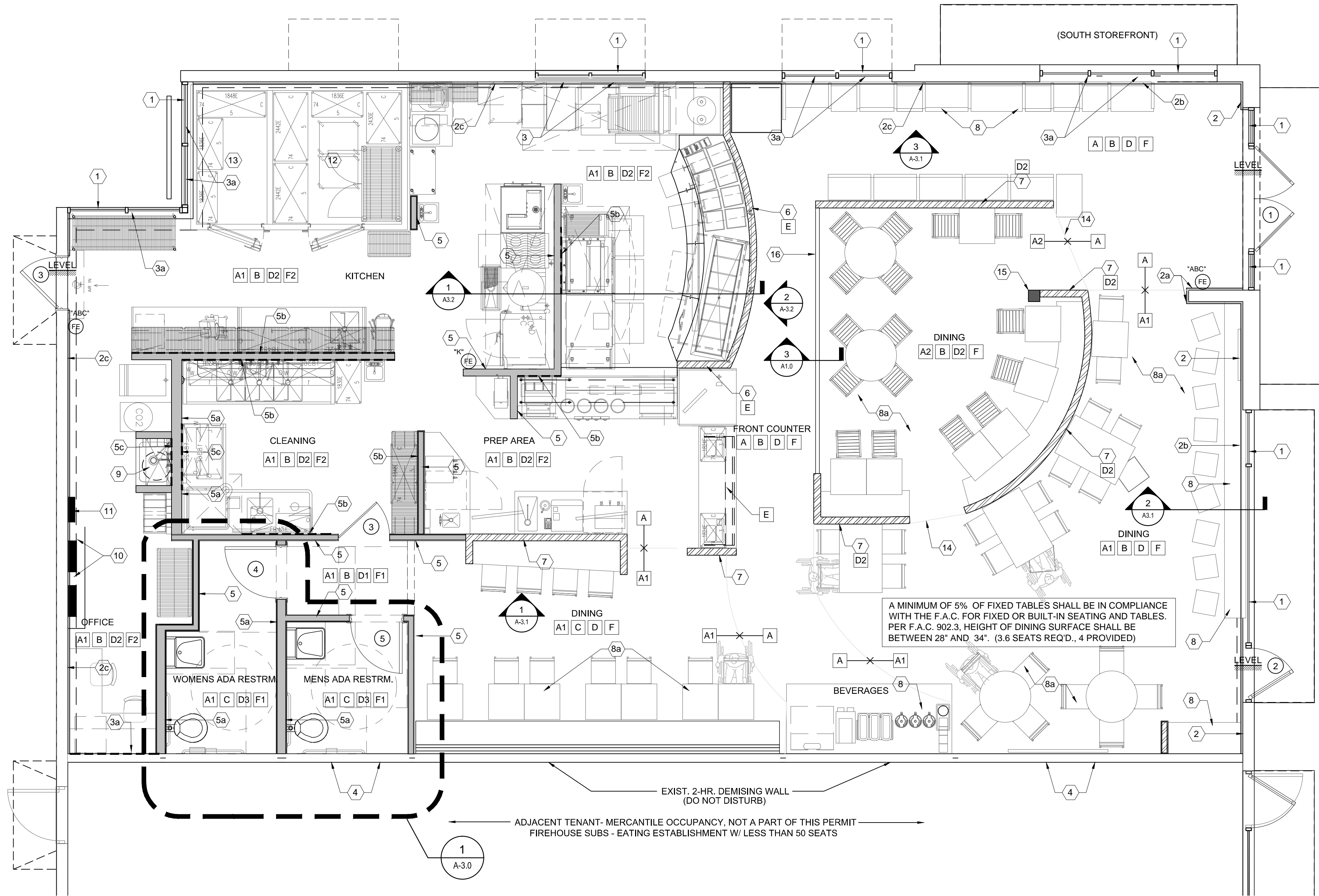
2"x3/4" WOOD POSTS WRAP @ CORNERS



**2 TYP. RAILING DETAIL**  
SCALE: 3" = 1'-0"

**FINISH LEGEND:** □

- A. EXISTING CONCRETE FLOOR SHALL BE FILLED, PATCHED, LEVEL AND PREPARED SMOOTH TO MATCH "AMAIZE" EXPOSED CONCRETE SPECIFICATIONS.
  - A1. EXISTING CONCRETE FLOOR SHALL BE FILLED, PATCHED, LEVEL AND PREPARED SMOOTH TO RECEIVE A STAINED HIGH LUSTER POLISH TO MATCH "AMAIZE" SPECIFICATIONS.
  - A2. EXISTING CONCRETE FLOOR SHALL BE FILLED, PATCHED, LEVEL AND PREPARED SMOOTH TO RECEIVE NEW PORCELAIN WOOD FLOOR AS MFG. BY "KEOPE", TYPE: ECHOS, COLOR: WENGE IN 6" PLANKS.
  - B. BASE TILE SHALL BE AS MFG. BY "DAL TILE", MAGMA CORE FLAT 12" X 12" CUT TO FIT ALL NEW GYPSUM BD. SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED FINISH.
  - C. 4" VINYL COVE BASE AT RESTROOMS AS SELECTED BY TENANT.
  - D. GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR INSTALLATION OF "NICHIPANEL" STUCCO FINISH WITH CORN ICON EMBELLISHED ONTO PANELS, PANELS TO BE PAINTED SHERWIN WILLIAMS, COLOR: HUBBARD SQUASH, SW0044.
  - D1. GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED FINISH, SHERWIN WILLIAMS, COLOR: HUBBARD SQUASH, SW0044.
  - D2. GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED TILE FINISH AS MFG. BY "DAL TILE" 4" X 8", BISCUIT SEMI-GLOSS.
  - D2. GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED LAMINATE FINISH, LAMINART PREMIER EBONY # 7962-VT.
  - D3. GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED TILE FINISH AND NON-ABSORBENT PAINT AS REQUIRED AT RESTROOM WALLS.
  - E. FRONT COUNTER WALLS AND SOFFIT ABOVE TO RECEIVE PAINTED WOOD SLATS IN VARIOUS SHADES TO MATCH THE COLOR INSPIRATION PG.3 OF THE "AMAIZE" PROTOTYPE PACKAGE.
  - F. EXPOSED CONCRETE JOIST, PAINT ALL STRUCTURE, CONDUITS AND ANY/ALL EXPOSED DUCT WORK BLACK WITH BENJAMIN MOORE, COLOR: IRON MOUNTAIN, BM2134-30.
  - F1. GYPSUM BD. CEILING AND UNDERSIDE OF GYPSUM BD. SOFFIT TO BE PAINTED, SHERWIN WILLIAMS, COLOR: HUBBARD SQUASH, SW0044.
  - F2. USG OR EQUAL 24"x48"x5/8" VINYL STIPPLE CEILING, EXP. TEE GRID WITH W/ WHITE FINISH. HANG PER MFG. SPECS. CLG. +9.00'
- \*\*GENERAL CONTRACTOR SHALL COORDINATE ALL FINISHES AND VERIFY INSTALLATION METHODS, LOCATIONS AND HEIGHTS W/ AMAIZE ARCHITECTURAL PROTOTYPE PACKAGE, TENANT'S INTERIOR DESIGNER & MICHAEL HOERNER.



**1 KEY LEGEND FLR PLN**  
SCALE: 1/4" = 1'-0"

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project history:  
▲  
▲  
▲

project information:  
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sheet title:  
**key legend floor plan,  
key & finish legend**

sheet number:  
**A1.0**  
file:  
a1.0-key\_lgnd\_plan\_&\_egress.dwg



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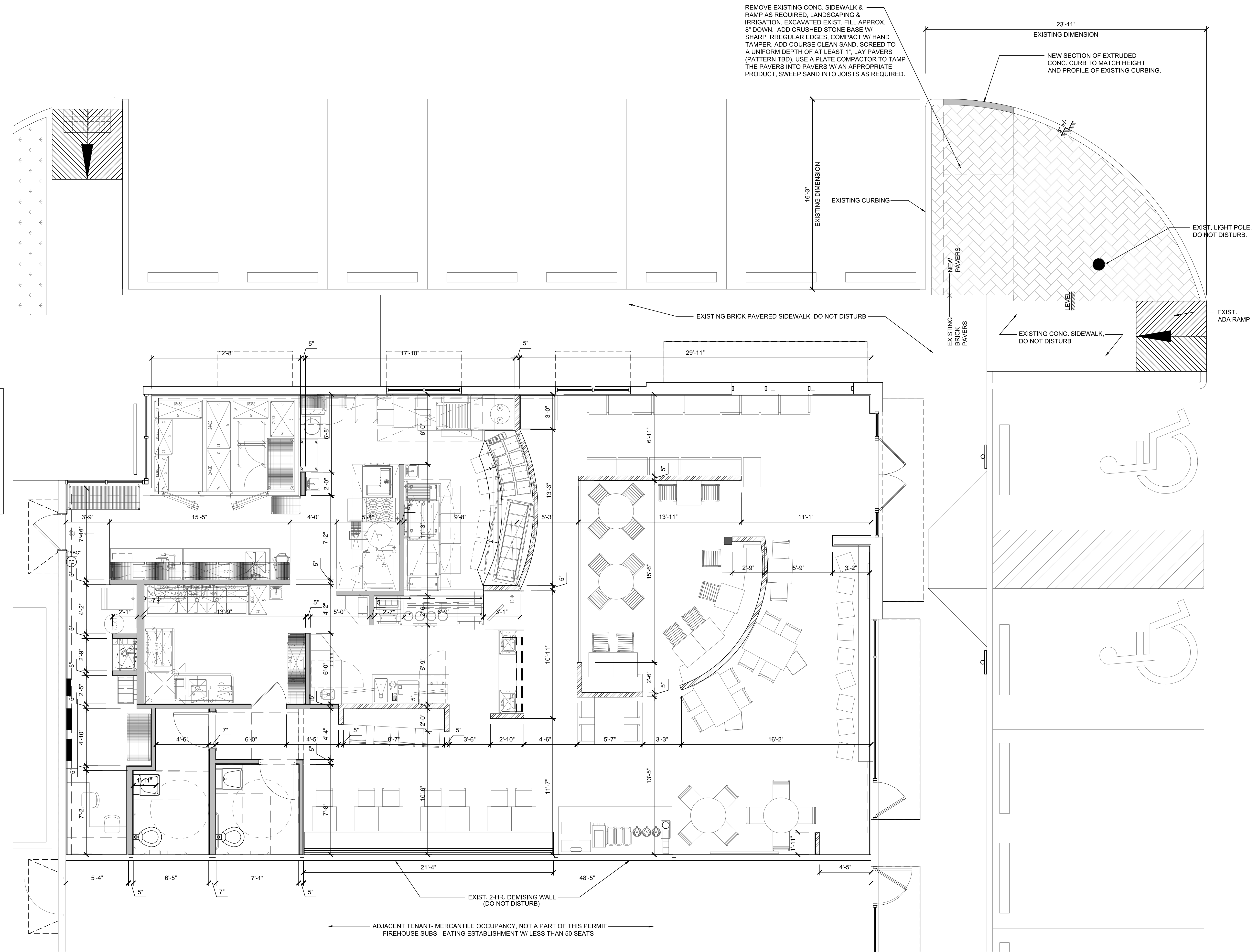
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sheet title:  
**dimension floor plan**

sheet number:  
**A1.1**  
 file:  
 a1.1-dimension\_plan.dwg



**WALL LEGEND**

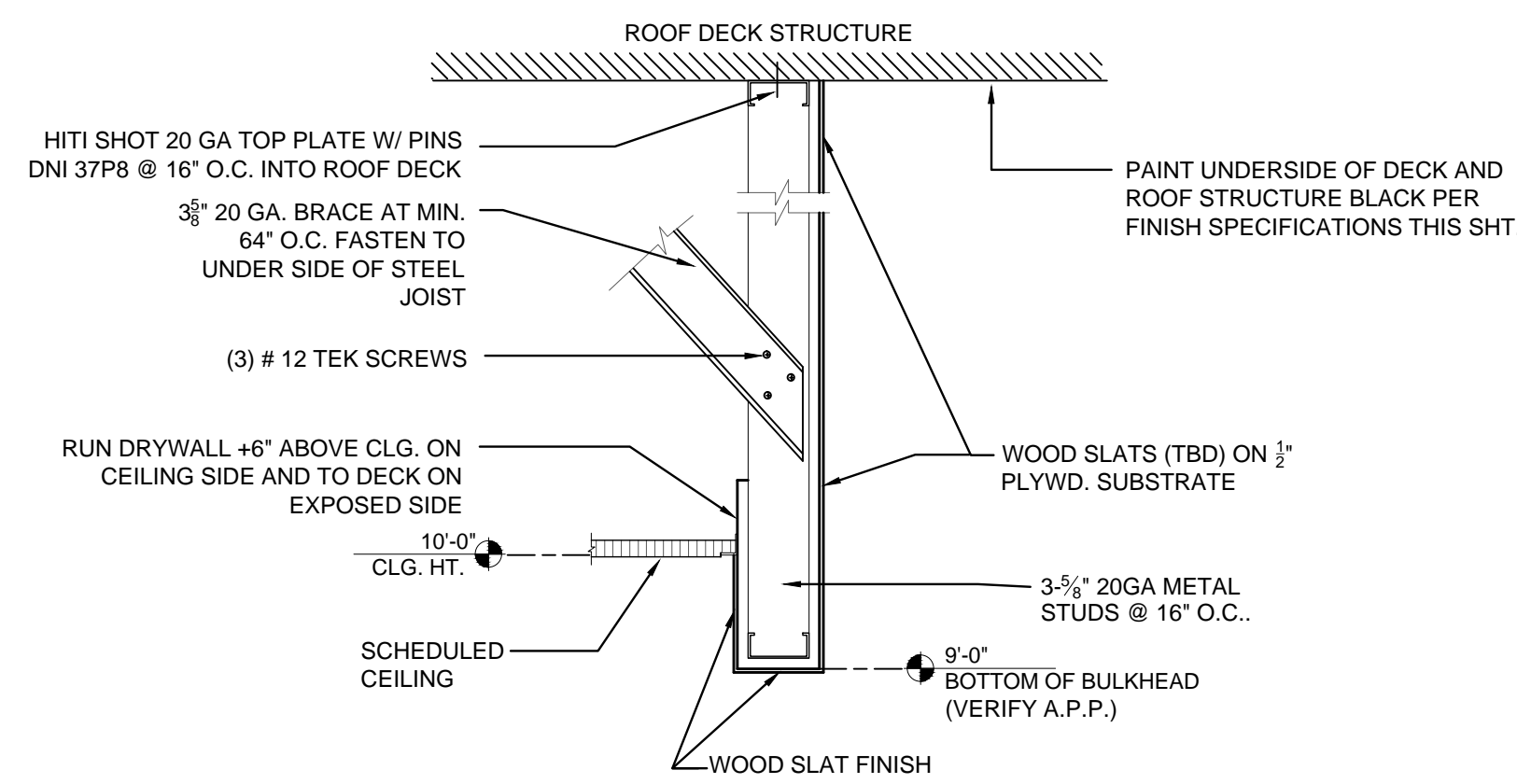
	NEW PARTITIONS (FULL HT., SEE DTL. 8/A-3.0)
	CUSTOM FABRICATED 1/2 HEIGHT PARTITION (HEIGHT VARIES) AS PROVIDED BY SEPARATE MILLWORK VENDOR.
	EXISTING MASONRY WALL. SEE KEY LEGEND SHT. A-1.0 FOR NEW DRYWALL FINISHES.
	EXISTING 2-HR. RATED DEMISING WALL.

**1 DIMENSION FLR PLN**  
 SCALE: 1/4" = 1'-0"

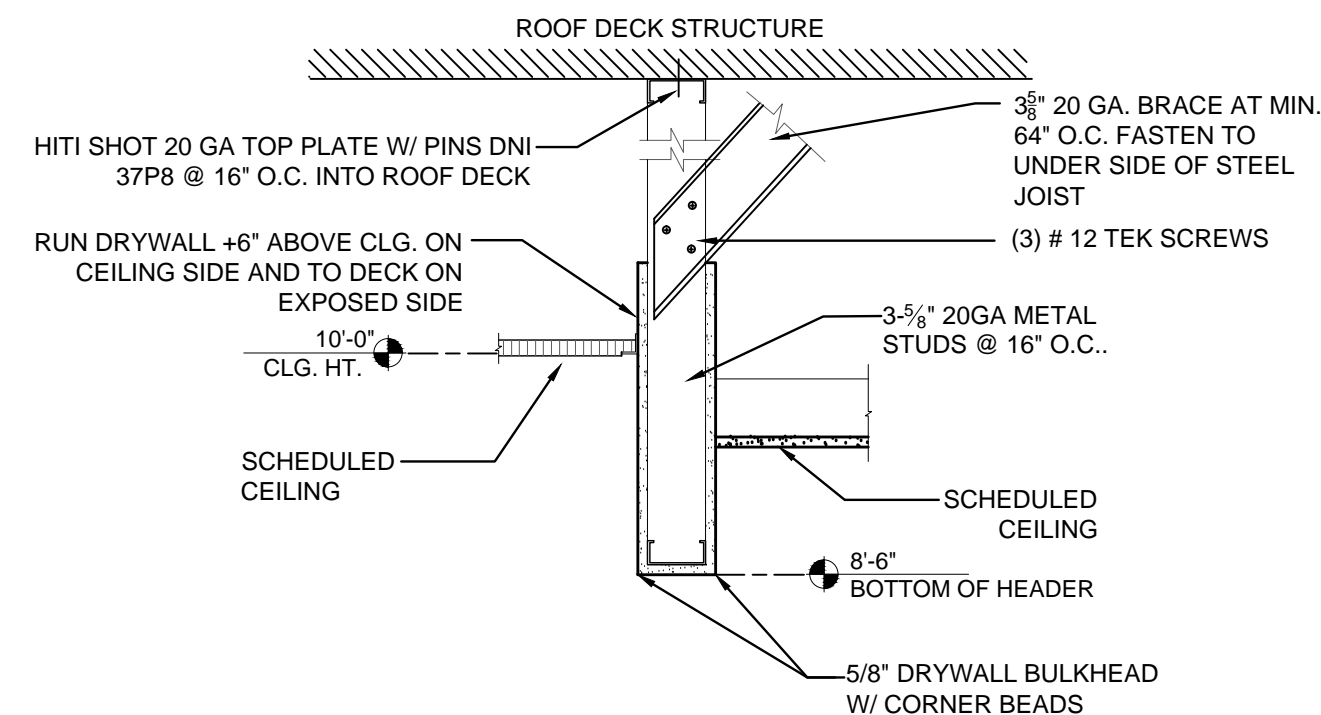
ADJACENT TENANT- MERCANTILE OCCUPANCY, NOT A PART OF THIS PERMIT  
 FIREHOUSE SUBS - EATING ESTABLISHMENT W/ LESS THAN 50 SEATS

Item	Description
A	RECESSED DOWN LIGHT, REGRESSED TRIM, "R2000V", 4", GYP. CEILING MOUNTED, 9'-0" A.F.F. W/ (1) MR16 35-50W INCANDESCENT LAMP AS MFG. BY CONTRAST LIGHTING.
B	CUSTOM PAINTED WOODEN BASKET FIXTURE W/ (2) INCANDESCENT LAMPS, 60W MAX. EA., LIGHT TO HANG AT VARIOUS HEIGHTS.
C	CUSTOM SIGNATURE FEATURE FIXTURE 6'-0" DIA. W/ PAINTED BURLAP COVERING ON 3/4" BENDABLE PLYWOOD, LIGHT TO HANG AT 10'-0" A.F.F.
D	U.L. LISTED 2'X4' LAY-IN LENSED FLUORESCENT FIXTURE W/ (3) 32W48" T8 LAMPS (EM. BALLAST AS INDICATED ON PLAN)
OF	"PROSPEC" CYLINDER MON-POINT FIXTURE W/ PAR30 BULB, 75W MAX., POWDER COAT FINISH EITHER 26030WH(WHITE) OR 26030BL (BLACK) COLOR. TBD BY "AMAIZE"
G	"STUDIOJOTA" RUSTICA PENDANT LIGHT FIXTURE, 5" DIA., WOOD VENEER SHADE W/ BLACK CORD. (ENERGY SAVING LED BULB RECOMMENDED, NOT INCLUDED)
H	"THE MIG" RETRO STEEL INDUSTRIAL PENDANT LIGHT FIXTURE. COLOR: GREY, 4" DIA. STEEL ACETYLENE TANK LID SHADE W/ (1) 60 W INCANDESCENT BULB (NOT INCLUDED)
K	"TOKILUM" CONCEALED LED TAPE "LUM-50-1W"
	2'X4' LAY-IN VINYL CLG TILE, GRID: ARMSTRONG PRELUDE XL 15/16" COLOR: NATURAL ALUMINUM.
EXIT/EM	EXIT/EM COMBO, SINGLE FACE LED, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 1W (8LEDS X.125W) PER HEAD, (UL924 TESTED).
EM	EM. LIGHT, 2 HEAD, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 2 ADJUSTABLE 5.4W, GLARE FREE LAMP HEADS

ALL LIGHT FIXTURES TO BE ENERGY EFFICIENT.



5 BULKHEAD DETAIL  
NOT TO SCALE



4 BULKHEAD DETAIL  
NOT TO SCALE

LIGHTING U.L. NOTE:  
ANY/ALL LIGHTING SHALL BE U.L. TESTED AND SHALL BEAR THE U.L. LISTING #, (U.L. IS A NATIONALLY RECOGNIZED TESTING LABORATORY.)

COMBUSTIBLE MATERIALS SHALL BE PERMITTED IN BUILDINGS OF TYPE I AND TYPE II CONSTRUCTION AS LONG AS THEY ADHERE TO THE APPLICATIONS LISTED IN SECTION 603.1 #1-25. FIRE RETARDANT TREATED WOOD SHALL BE PERMITTED AS PER FBC 603.1.

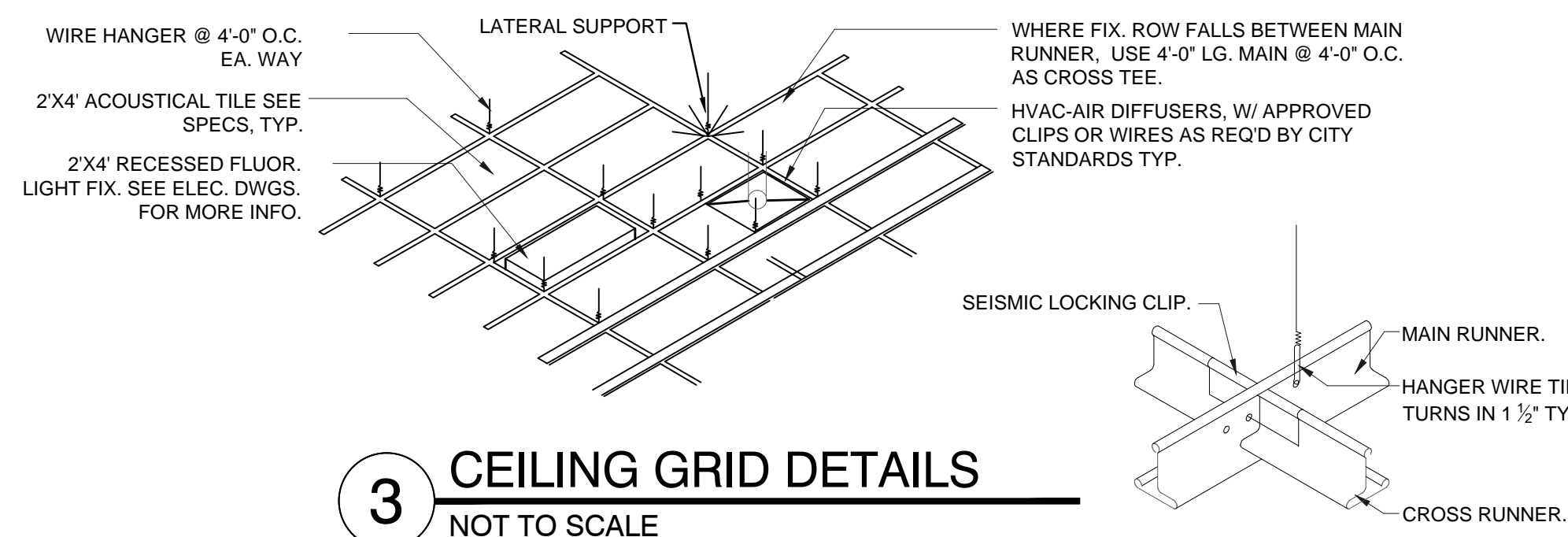
CEILING KEY LEGEND:

- EXPOSED CONC. JOIST CEILING, SEE FINISH LEGEND BELOW AND "AMAIZE" ARCHITECTURAL PROTOTYPE PACKAGE FOR FINISH INFORMATION.
- DRYWALL CEILING (HEIGHT VARIES). SEE DETAIL THIS SHT.
- ACOUSTICAL CEILING, CEILING HEIGHT +10.00' A.F.F. SEE DETAIL THIS SHT.
- WOOD SLAT BULKHEAD +9.00' A.F.F. SEE DTLS. THIS SHEET & AMAIZE ARCHITECTURAL PROTOTYPE PACKAGE FOR MORE DETAILED INFORMATION.

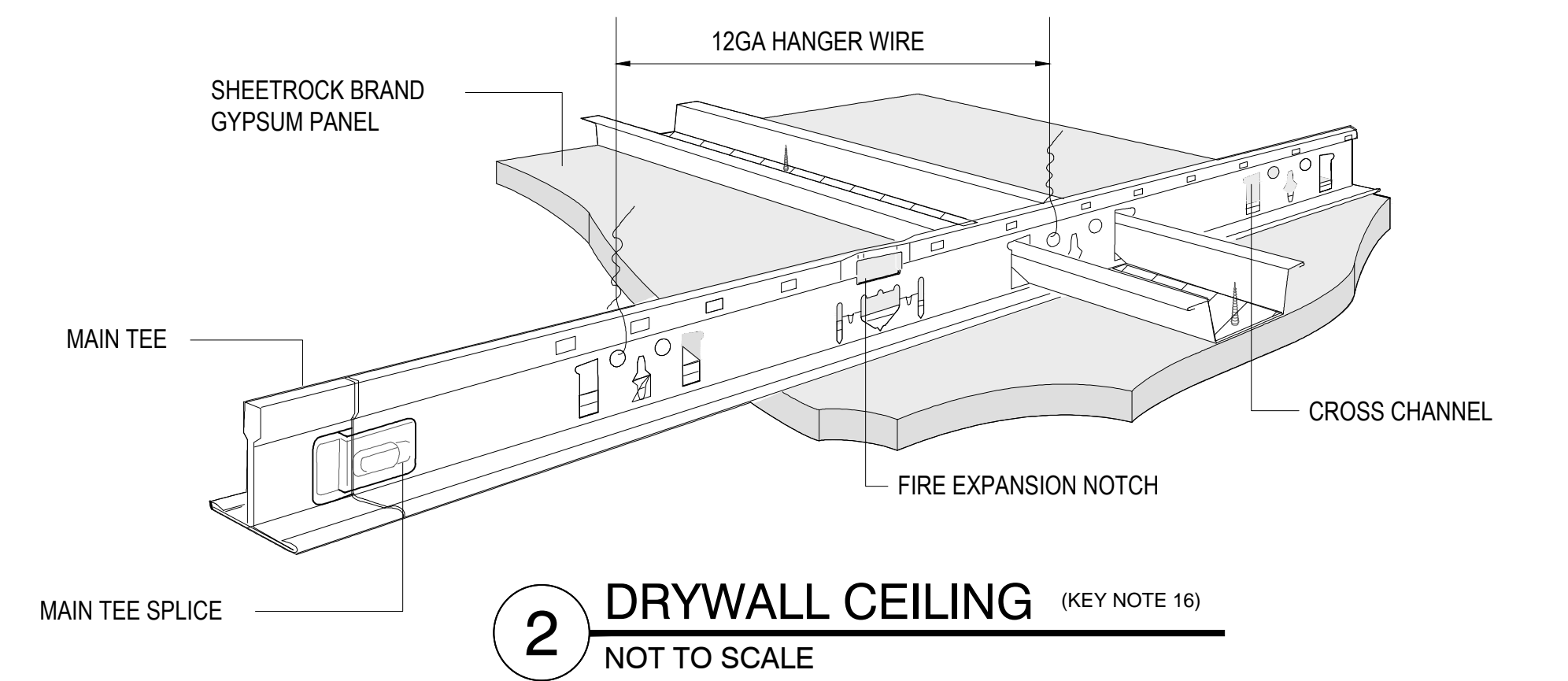
FINISH LEGEND:

- EXISTING CONCRETE FLOOR SHALL BE FILLED, PATCHED, LEVEL AND PREPARED SMOOTH TO MATCH "AMAIZE" EXPOSED CONCRETE SPECIFICATIONS.
- EXISTING CONCRETE FLOOR SHALL BE FILLED, PATCHED, LEVEL AND PREPARED SMOOTH TO RECEIVE A STAINED HIGH LUSTER POLISH TO MATCH "AMAIZE" SPECIFICATIONS.
- EXISTING CONCRETE FLOOR SHALL BE FILLED, PATCHED, LEVEL AND PREPARED SMOOTH TO RECEIVE NEW PORCELAIN WOOD FLOOR AS MFG. BY "KEOPE", TYPE: ECHOS, COLOR: WENGE IN 6" PLANKS.
- BASE TILE SHALL BE AS MFG. BY "DAL TILE", MAGMA CORE FLAT 12" X 12" CUT TO FIT ALL NEW GYPSUM BD. SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED FINISH.
- 4" VINYL COVE BASE AT RESTROOMS AS SELECTED BY TENANT.
- GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR INSTALLATION OF "NICHIPANEL" STUCCO FINISH WITH CORN ICON EMBELLISHED ONTO PANELS. PANELS TO BE PAINTED SHERWIN WILLIAMS, COLOR: HUBBARD SQUASH, SW0044.
- GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED FINISH, SHERWIN WILLIAMS, COLOR: HUBBARD SQUASH, SW0044.
- GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED TILE FINISH AS MFG. BY "DAL TILE" 4" X 8", BISCUIT SEMI-GLOSS.
- GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED LAMINATE FINISH, LAMINART PREMIER EBONY # 7962-VT.
- GYPSUM BD. WALL SHALL BE TAPED, SANDED & PREPARED READY FOR TENANT PROVIDED TILE FINISH AND NON-ABSORBENT PAINT AS REQUIRED AT RESTROOM WALLS.
- FRONT COUNTER WALLS AND SOFFIT ABOVE TO RECEIVE PAINTED WOOD SLATS IN VARIOUS SHADES TO MATCH THE COLOR INSPIRATION PG.3 OF THE "AMAIZE" PROTOTYPE PACKAGE.
- EXPOSED CONCRETE JOIST, PAINT ALL STRUCTURE, CONDUITS AND ANY/ALL EXPOSED DUCT WORK BLACK WITH BENJAMIN MOORE, COLOR: IRON MOUNTAIN, BM2134-30.
- GYPSUM BD. CEILING AND UNDERSIDE OF GYPSUM BD. SOFFIT TO BE PAINTED, SHERWIN WILLIAMS, COLOR: HUBBARD SQUASH, SW0044.
- USG OR EQUAL 24"X48"X5/8" VINYL STIPPLE CEILING, EXP. TEE GRID WITH W/ WHITE FINISH. HANG PER MFG. SPECS. CLG. +9.00'

\*\*GENERAL CONTRACTOR SHALL COORDINATE ALL FINISHES AND VERIFY INSTALLATION METHODS, LOCATIONS AND HEIGHTS W/ AMAIZE ARCHITECTURAL PROTOTYPE PACKAGE AND TENANT'S INTERIOR DESIGNER.



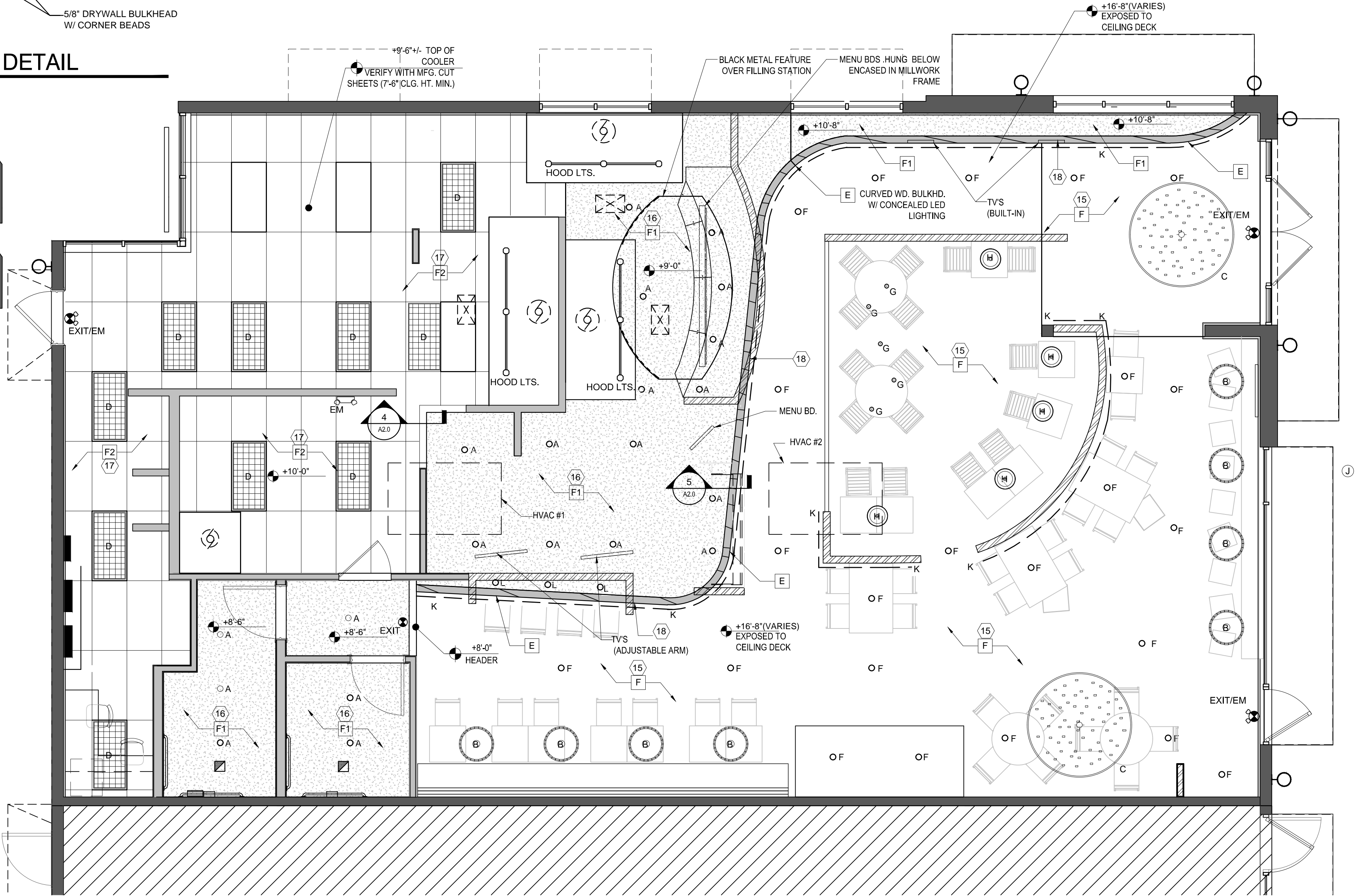
3 CEILING GRID DETAILS  
NOT TO SCALE




2 DRYWALL CEILING (KEY NOTE 16)  
NOT TO SCALE

GENERAL NOTES

- GC TO VERIFY LEASE DIMENSIONS, EXIST DIMENSIONS, EXIST STRU ELEMENTS, & CLG HEIGHT CLEARANCES, ETC. & REPORT TO ARCHITECT ANY INCONSISTENCY PRIOR TO THE START OF CONSTRUCTION.
- GC SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES INVOLVED IN THE CLG WORK TO ENSURE THAT PROPER CLEARANCES FOR DUCTS, LIGHTS, PIPING, ETC. ARE MET & THAT THE CLG HEIGHTS NOTED ON THE DWGS ARE MAINTAINED.
- GC IS RESPONSIBLE TO VERIFY THAT THE MECHANICAL, ELECTRICAL, PLUMBING, & SPRINKLER CONTRACTORS ARE SUPPLYING & INSTALLING THE SPECIFIED ITEMS. GENERAL CONTRACTOR IS TO CLARIFY ANY INCONSISTENCY BTW ARCH CLG PLAN & MECHANICAL, ELECTRICAL, & KITCHEN ROUGH-IN PLANS PRIOR TO ANY INSTALLATION.
- GC TO VERIFY REQUIREMENTS & QUANTITIES OF FIRE PROTECTION DEVICES, INCLUDE SMOKE DETECTORS, FIRE ALARMS, RELATED SPEAKERS, STROBES, ETC. INCLUDE COSTS TO TIE SUCH DEVICES INTO BLDG PNL. LIFE SAFETY INSTALLATIONS TO MEET REQ OF ALL APPLICABLE CODES & ORDINANCES.
- ALL WD PRODUCTS USED FOR FRAMING, ETC., THAT ARE NOT CLASSIFIED AS "F1 FINISH MATERIALS" ACCORDING TO CODE SHALL BE FIRE PRESSURE-TREATED LUMBER.
- PROVIDE FIRE STOPPING PER LOCAL FIRE CODE IN CONCEALED WALL SPACES, IN CONCEALED SPACES OF STUD WALLS & PARTITIONS, INCLUDING FURRED OR STUDDING OFF SPACES OF MASONRY OR CONC WALLS, AT CLG, FLR OR ROOF LEVELS.
- PENETRATION THROUGH RATED WALLS & FLOORS SHALL BE SEALED W/ A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF HOT GASES WHEN SUBJECT TO THE REQ OF THE TEST STANDARD SPECIFIED FOR FIRE STOPS IN ASTM-E-814.
- OPEN NUMBER.
- IN THE DINING AREA, ALL EXPOSED DUCTWORK, GRILLES, SPEAKER COVERS, & DIFFUSERS TO BE ACID WASHED (IF REQUIRED) PRIOR TO RECEIVING PAINT (PT-43: SATIN FINISH).
- OPEN NUMBER.
- ALL CLG MATERIALS SHALL NOT EXCEED FLAME CLASS II, i.e. FLAME SPREAD INDEX OF 25-75.



1 REFLECTED CEILING PLAN  
SCALE: 1/4" = 1'-0"



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Amaze Fast Food Restaurant  
3887 N.W. 107th Avenue, Suite 101  
DORAL, FLORIDA

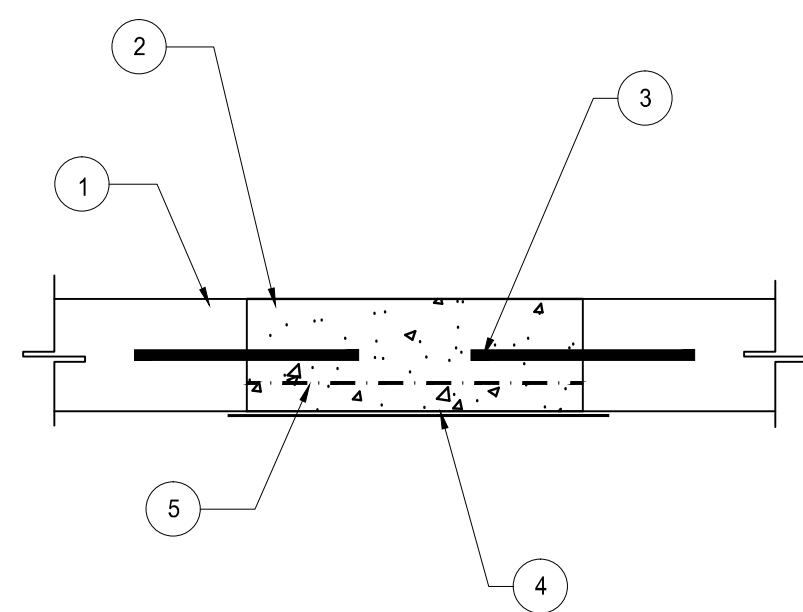
property owners information:  
BJCM Dorai Properties  
PO Box 560683  
Miami, FL 33256  
Tenant: Luis Genestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
reflected ceiling plan & legend

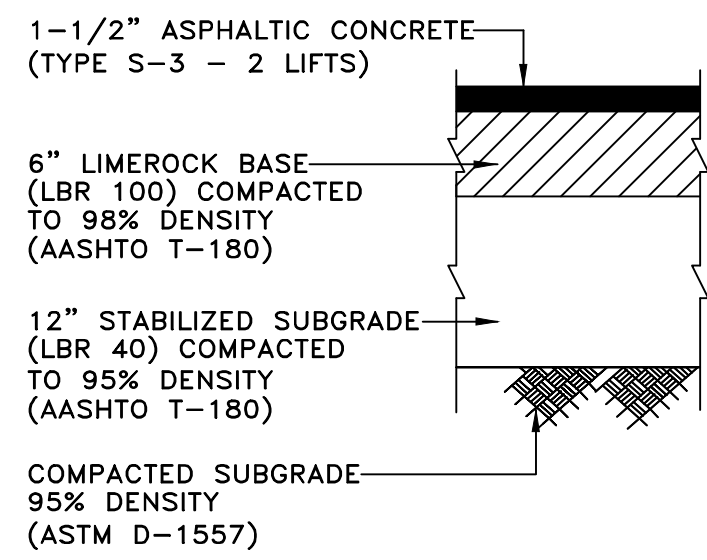
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**A2.0**  
file:  
a2.0-ceiling-plan.dwg

**TERMITE PROTECTION STATEMENT:** BUILDINGS SHALL HAVE PRE-CONSTRUCTED TREATMENT PROTECTION AGAINST SUBTERRANEAN TERMITES IN ACCORDANCE WITH THE RULES & LAWS ESTABLISHED BY THE "FLORIDA DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES". A "CERTIFICATE OF COMPLIANCE" SHALL BE ISSUED TO THE BLDG DEPT. BY THE LICENSED PEST CONTROL COMPANY PERFORMING THE TREATMENT.

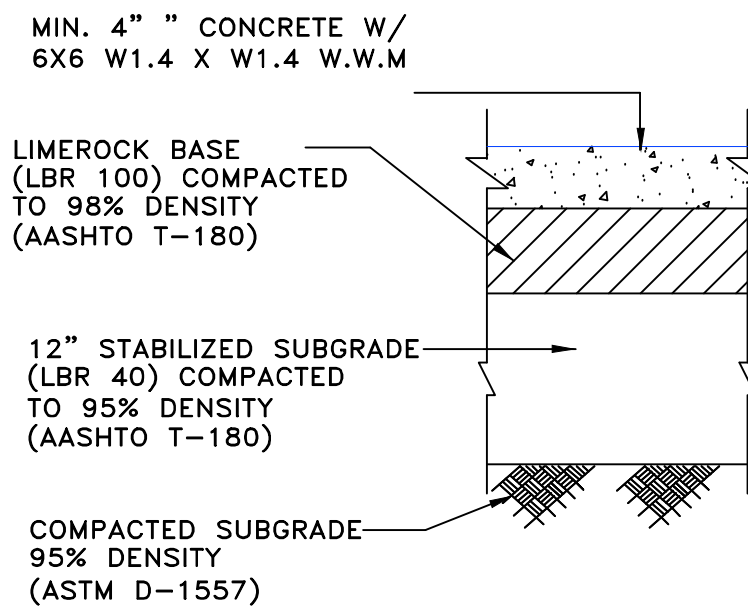


**8 CONC. SLAB PATCH DTL**  
SCALE: 1/2"=1'-0"

- NOTES:
- EXIST. 4" CONC. SLAB
  - NEW CONC. SLAB, FLUSH, LEVEL & CONTIGUOUS W/ SURROUNDING SA
  - 12" LONG, #4 BARS DOWELED INTO EXIST. SLAB (STAG.) W/ EPOXY GROUT, MIN 4" EMBEDMENT @ 10'-0" O.C.
  - 6 MIL VISQUEEN, OVERLAP EXIST. VISQUEEN 2" MIN. ON WELL-COMPACTED, TERMITE CONTROLLED SAND FILL SEAL W/ BITUMINOUS ASPHALT SEALER AT ALL EDGES. (ONLY FOR TRENCHES LGR THAN 24" WIDE, BARS NOT REQ. FOR <24")
  - 6"x6", #10 WWF.

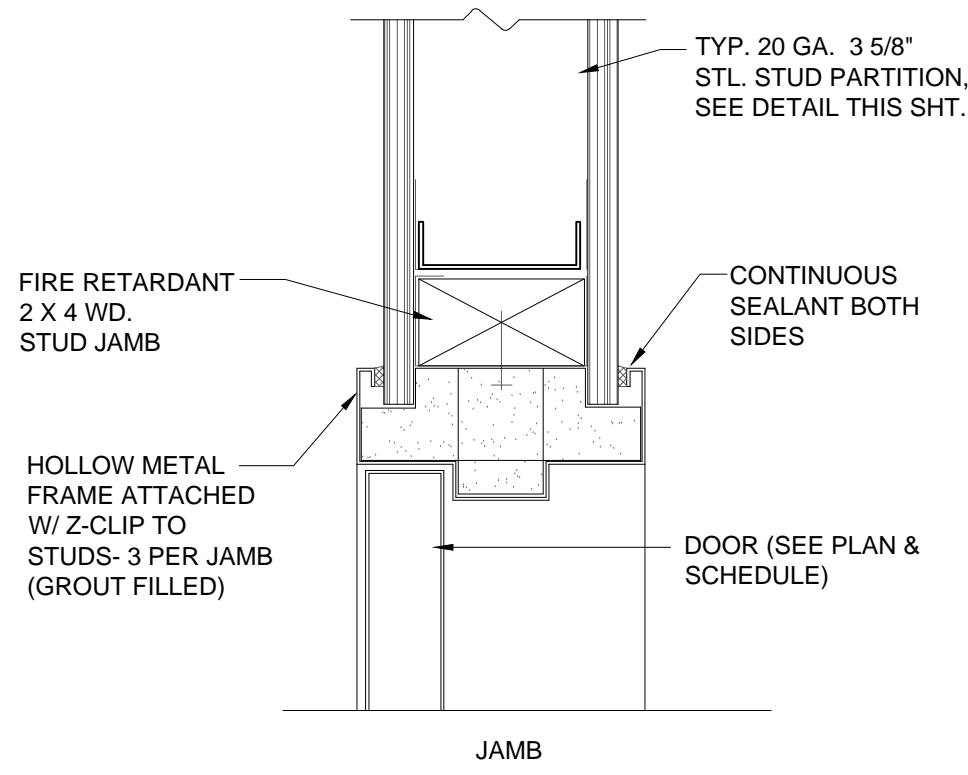


**ASPHALTIC PAVEMENT PATCH**  
N.T.S.

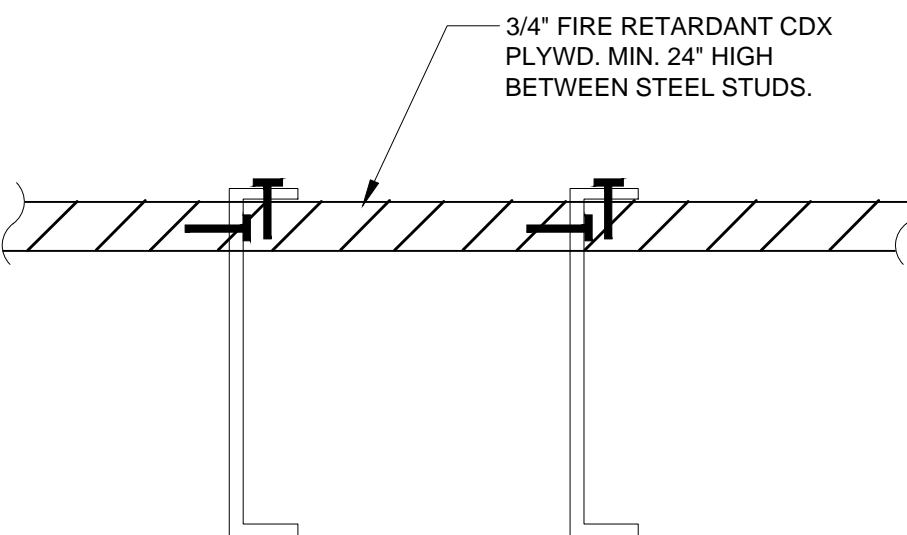


**CONCRETE SIDEWALK PATCH**  
N.T.S.

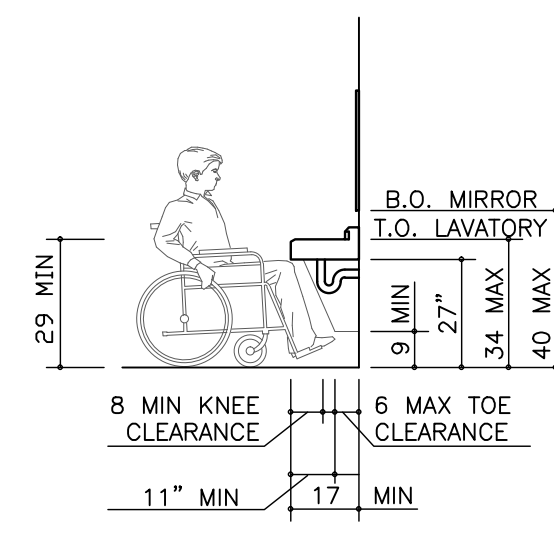
COMBUSTIBLE MATERIALS SHALL BE PERMITTED IN BUILDINGS OF TYPE I AND TYPE II CONSTRUCTION AS LONG AS THEY ADHERE TO THE APPLICATIONS LISTED IN SECTION 603.1.41-25. FIRE RETARDANT TREATED WOOD SHALL BE PERMITTED AS PER FBC 603.1.



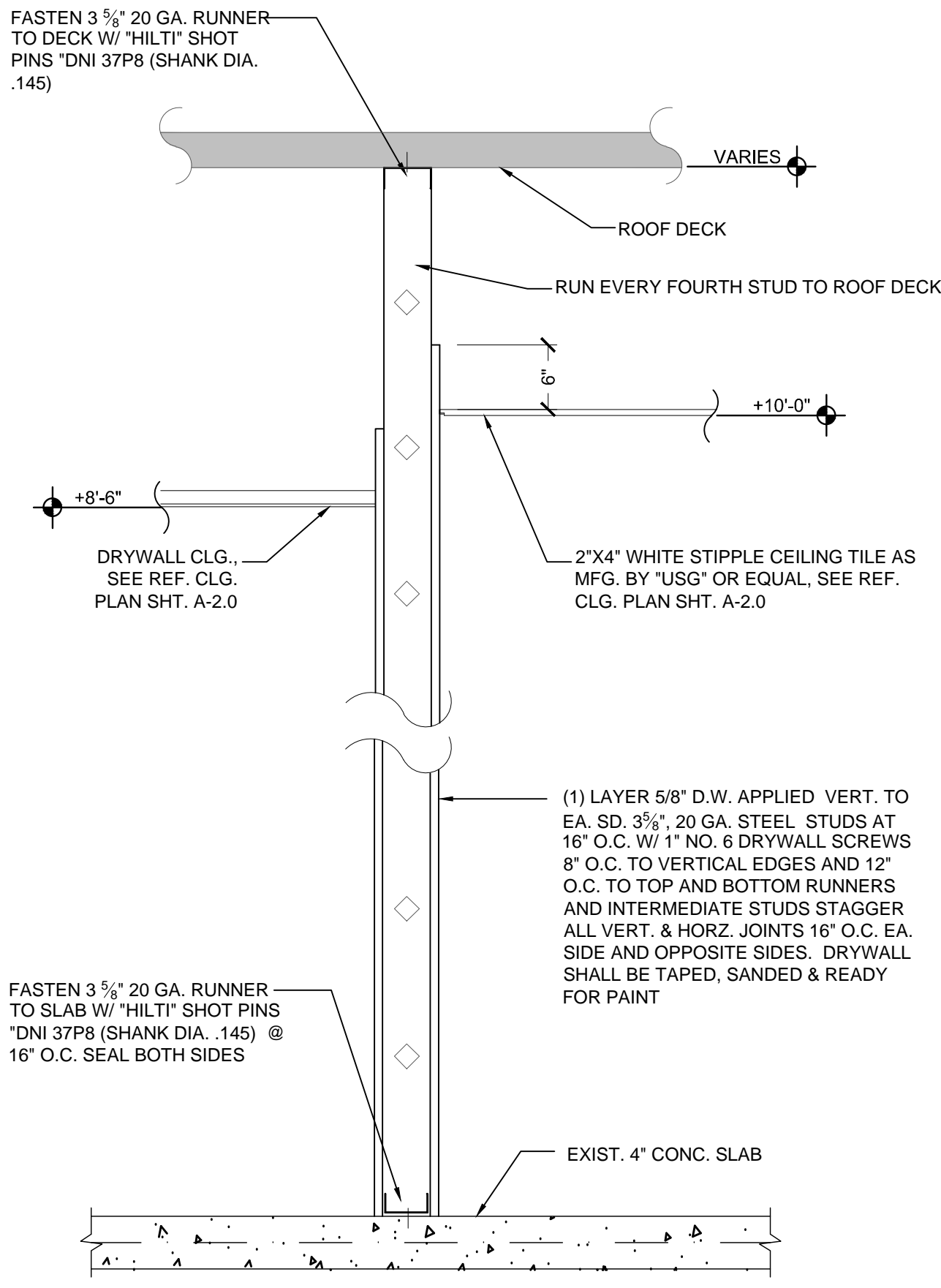
**6 TYP. HOLLOW MTL. JAMB DTL**  
NOT TO SCALE



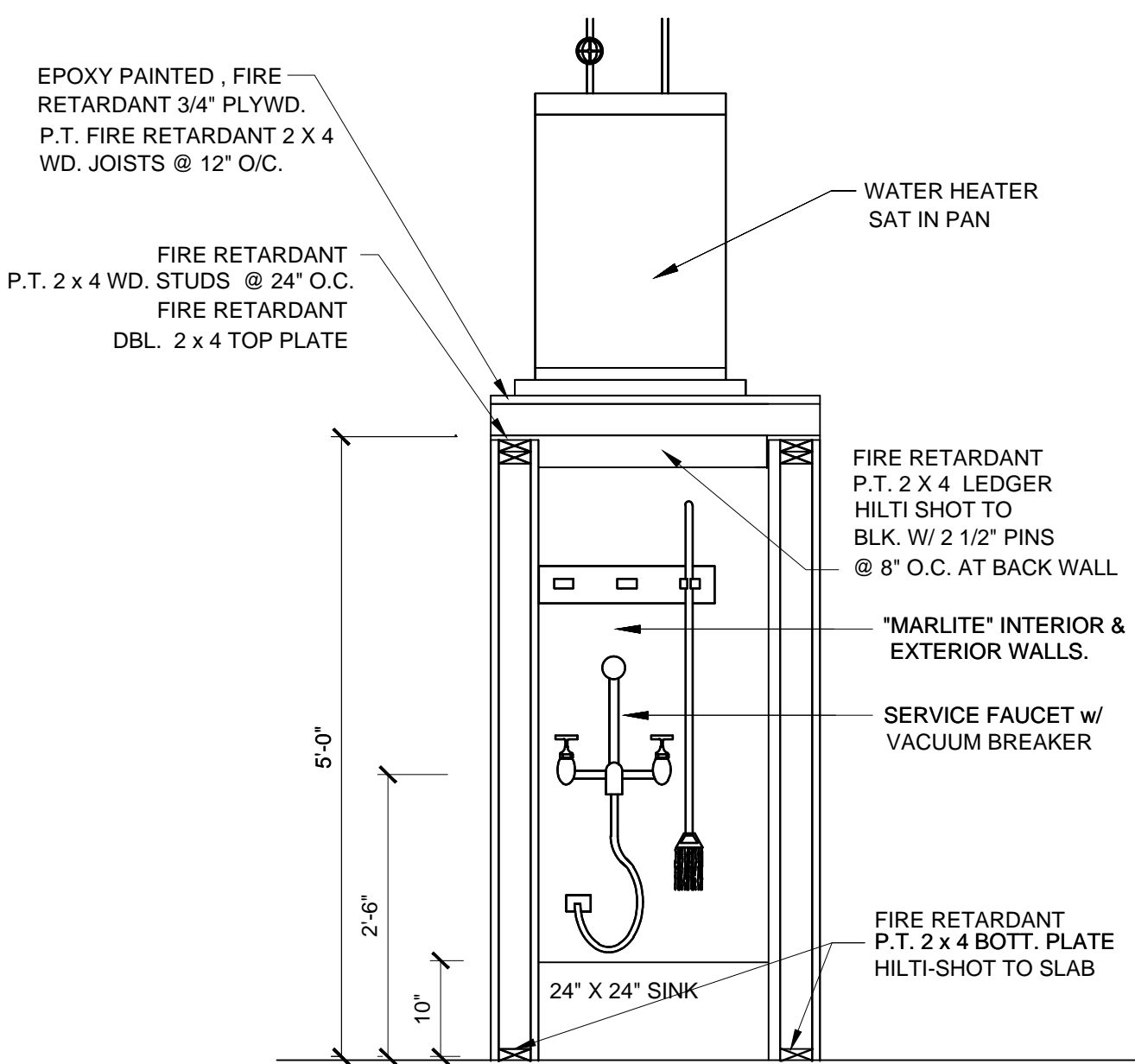
**5 TYP. BACKING DETAIL**  
NOT TO SCALE



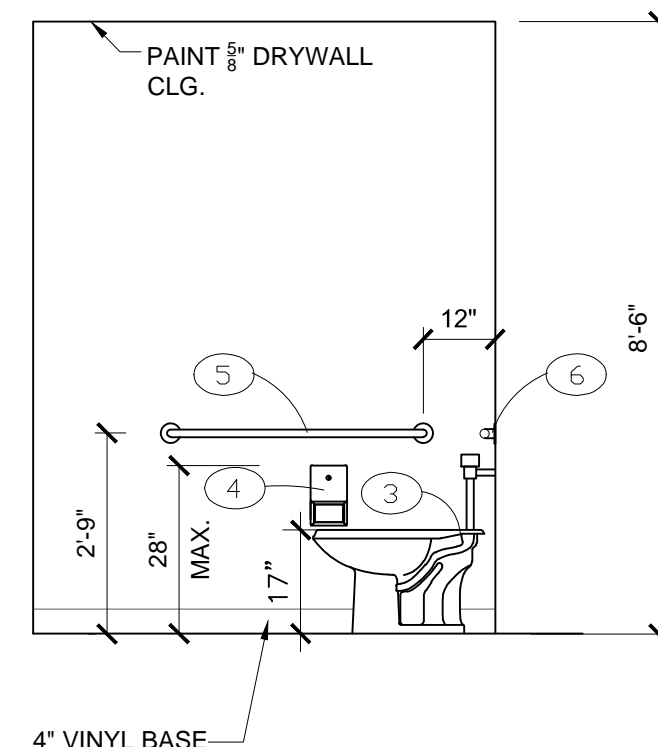
**4 TYP. LAVATORY CLEARANCES**  
NOT TO SCALE



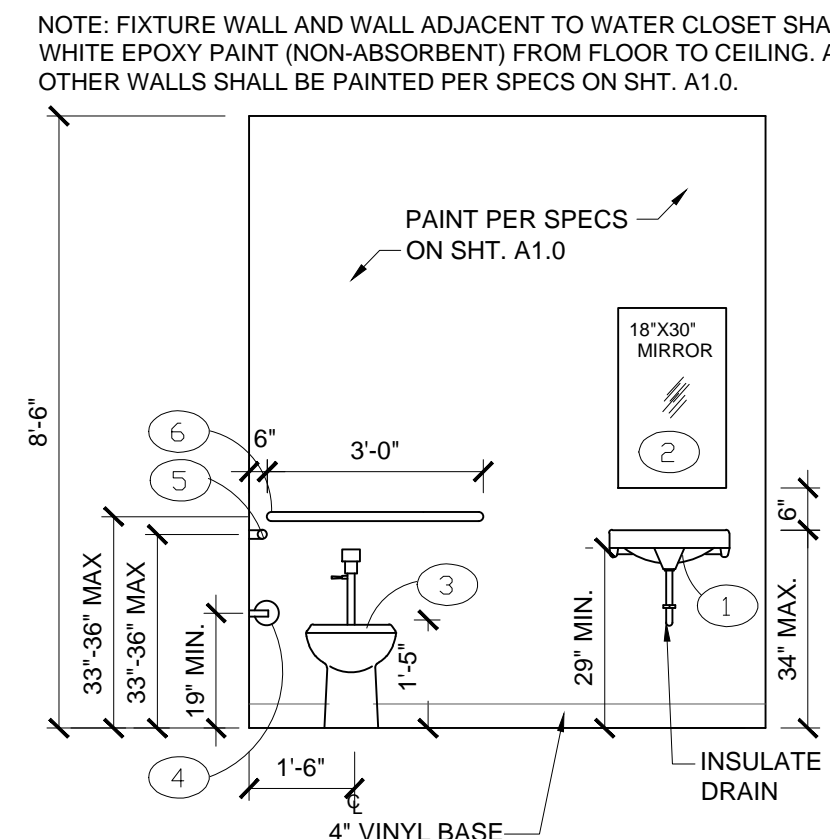
**8 TYP. PARTITION DETAIL**  
SCALE: 3/8"=1'-0"



**7 SERVICE SINK/WTR. HTR. DTL**  
SCALE: 3/8"=1'-0"



**3 ADA RESTROOM ELEV.**  
SCALE: 3/8"=1'-0"

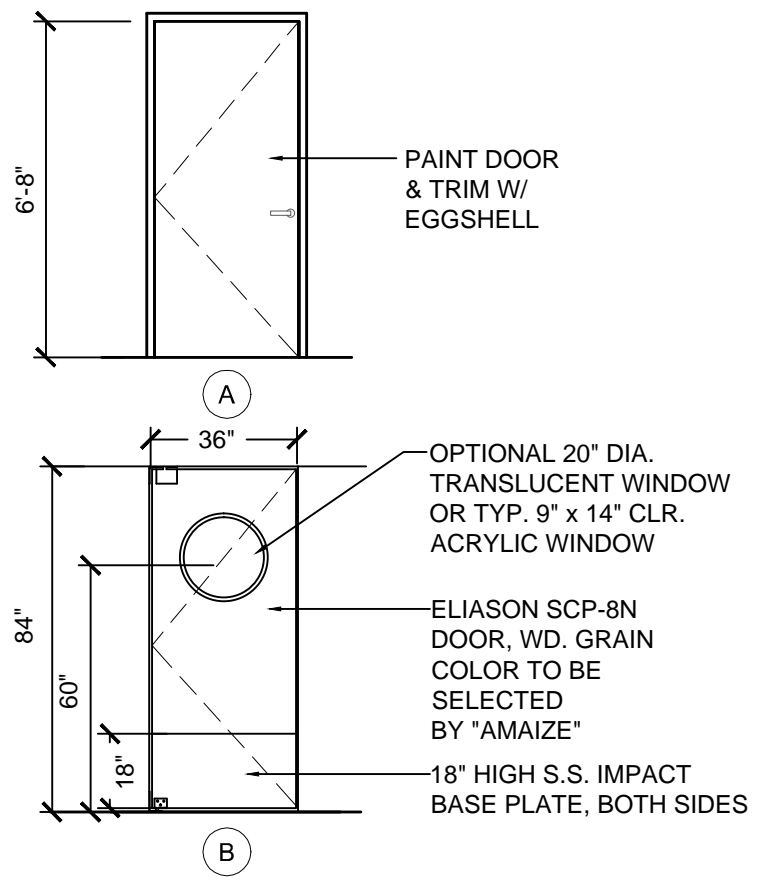


**2 ADA RESTROOM ELEV.**  
SCALE: 3/8"=1'-0"

DOOR SCHEDULE							
NO.	TYPE	WIDTH	HEIGHT	THICK	MATERIAL	FRAME	REMARKS
1	EXIST.	PR. 3'-0"	7'-0"	1-3/4"	ALUM/GLASS	ALUM.	EXISTING 3'-0" STOREFRONT W/ TRANSOM ABOVE
2	EXIST.	3'-0"	7'-0"	1-3/4"	ALUM/GLASS	ALUM.	EXISTING 3'-0" STOREFRONT W/ TRANSOM ABOVE
3	EXIST.	3'-0"	6'-8"	1-3/4"	HM	HM	EXISTING REAR EXIT DOOR.
4	B	3'-0"	6'-8"	1-3/8"	S.C. WOOD/LAM.	S.S. EDGE CAP	'ELIASON' SCP-8N SERIES.
5	A	3'-0"	6'-8"	1-3/8"	S.C. WOOD	MTL.	PREHUNG, FLUSH DOOR.
6	A	3'-0"	6'-8"	1-3/8"	S.C. WOOD	MTL.	PREHUNG, FLUSH DOOR.

**DOOR NOTES:**

- ALL DOORS IN THE MEANS OF EGRESS SHALL BE SINGLE ACTION RELEASE, NOT REQUIRE THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE TO OPEN FROM THE EGRESS SIDE. ALL INTERIOR DOORS TO HAVE SELF CLOSERS PER NFPA 101 8.5.3.4
  - ALL WOOD DOORS SHALL BE STAIN GRADE, BIRCH.
  - PROVIDE SUBMITTALS FOR ALL DOORS AND HARDWARE FOR ARCHITECT'S APPROVALS.
    - ALL DOOR LEVER HARDWARE SHALL BE ADA COMPLIANT, COMMERCIAL BRUSHED GRADE, ALUM. FINISH.
- DOOR - 1 EXISTING IMPACT DOOR W/ INTERIOR SIDE THUMB TURN LATCH AND ADA COMPLIANT CLOSURE. DO NOT DISTURB EXCEPT TO VERIFY IF EXISTING HARDWARE IS A SUITABLE ENTRY LOCK, REKEY AS REQUIRED BY TENANT.
- DOOR - 2 EXISTING IMPACT DOOR W/ INTERIOR SIDE THUMB TURN LATCH AND ADA COMPLIANT CLOSURE. DO NOT DISTURB EXCEPT TO VERIFY IF EXISTING HARDWARE IS A SUITABLE ENTRY LOCK, REKEY AS REQUIRED BY TENANT.
- DOOR - 3 EXISTING 3/4 HOUR RATED (MIN.) STL. DOOR & FRAME WITH SELF CLOSER, W/ LEVER ADA COMPLIANT DOOR HARDWARE W/ BRUSHED ALUM. FINISH, KEY LOCK SET AND EXISTING PANIC BAR. OUTSWING COMMERCIAL STL DOOR 18 GA. FLUSH DOOR.
- DOOR - 4 'ELIASON' SCP-8N SERIES MEDIUM TO HEAVY TRAFFIC DOOR 3/4" THICK SOLID CORE DOOR W/ HIGH PRESSURE LAMINATE BOTH SIDES W/ OPTIONAL 20" DIA. TRANSLUCENT WINDOW, EASY SWING HINGE SYSTEM. INSTALL PER MANF SPEC. WD. GRAIN COLOR TO BE SELECTED BY 'AMAIZE'.
- DOOR - 5 ADA COMPLIANT COMMERCIAL LEVER DOOR HARDWARE WITH PRIVACY LOCKSET, SELF CLOSING HINGES. PROVIDE ADA COMPLIANT 'WOMENS' RESTROOM SIGN +60".
- DOOR - 6 ADA COMPLIANT COMMERCIAL LEVER DOOR HARDWARE WITH PRIVACY LOCKSET, SELF CLOSING HINGES. PROVIDE ADA COMPLIANT 'MENS' RESTROOM SIGN +60".
- PROVIDE NECESSARY HARDWARE/LOCKING DEVICES ON ALL EXIT DOORS AS REQUIRED BY 8-2.2.2.3 OF N.F.P.A. 101 & PER F.B.C. 1019.7.2.



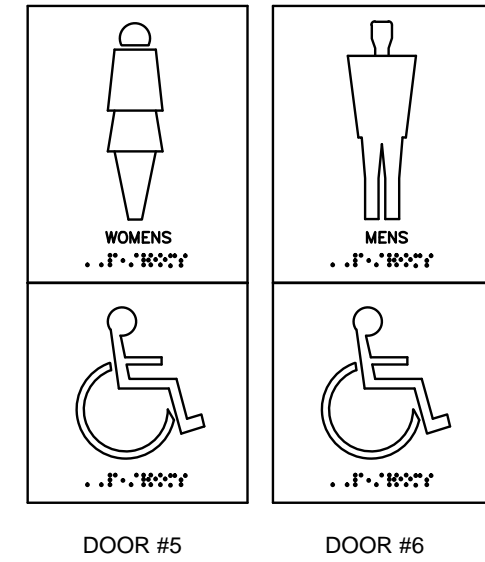
NOTE: ALL DOORS (EXISTING OR NEW) SHALL BE EQUIPPED WITH HANDICAPPED (LEVER) OPERABLE HANDLES. SUBMIT ALL NEW PRODUCT INFORMATION TO ARCHITECT FOR APPROVALS

HANDICAP ACCESSIBLE GUIDELINES: 4.27.4 OPERATION CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF (22.2 N).

**ADA RESTROOM SIGNAGE**

**PLAQUE NOTES:**

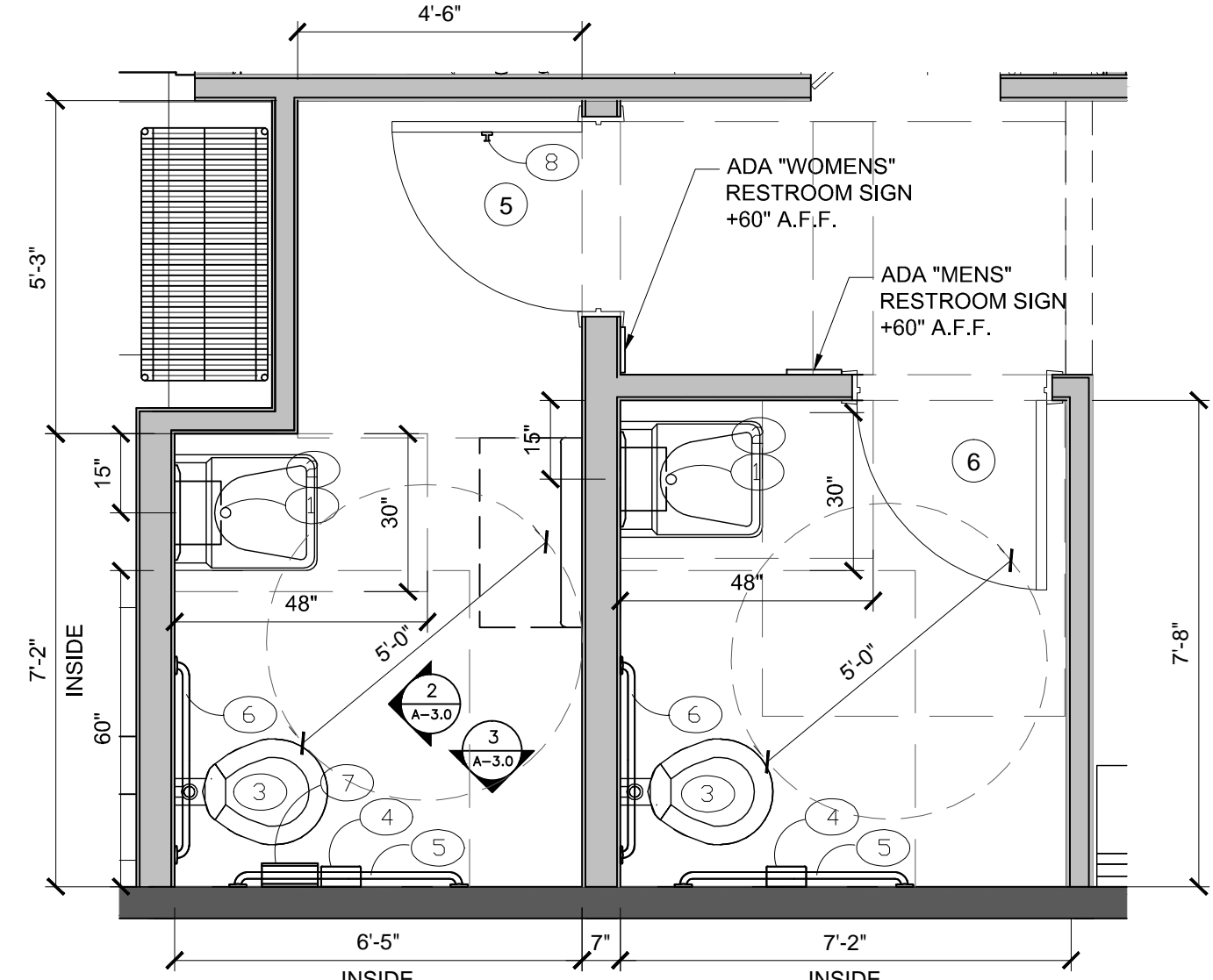
- CHARACTER PROPORTION: LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE-WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10
- CHARACTER HEIGHT: CHARACTER AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MIN. HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE ARE PERMITTED
- CHARACTERS & SYMBOLS: LETTERS AND NUMERALS SHALL BE RAISED 3/32" UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTER SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2".
- FINISH AND CONTRAST: THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE OR OTHER NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND-EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
- MOUNTING LOCATION & HEIGHTS: WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3' OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.



**FIXTURE LEGEND**

- AMERICAN STANDARD 'LUCERNE' WHITE CERAMIC SINK, 4" CENTER, WITH ADA COMPLIANT LEVER SINGLE HAND FAUCET 'CADET 8115F' 1.5 GPM MAX AT 60 PSI, ADA COMPLIANT.
- 22" X 36" 'SOUTHERN ENTERPRISES' ATG449 VOGUE WALL MIRROR, ADA COMPLIANT.
- AMERICAN STANDARD 'MADERA' #3043.001 - 18 1/2" HEIGHT ELONGATED FLUSHMETER TOILET, FLOOR MOUNT, ELONGATED, WHITE, ADA COMPLIANT. PROVIDE BOLT CAPS, SUPPLY WITH STOP, OPEN FRONT SEAT W/COVER.
- BOBRICK CLASSIC SERIES SURFACE MOUNTED TWIN JUMBO ROLL TOILET TISSUE DISPENSER
- BOBRICK 42" EXPOSED MOUNTING 1 1/2" DIA. GRAB BARS W/ SATIN FINISH STAINLESS STEEL - B-5806 X 42.
- BOBRICK 36" EXPOSED MOUNTING 1 1/2" DIA. GRAB BARS W/ SATIN FINISH STAINLESS STEEL - B-5806 X 36.
- BOBRICK 'CONTURA SERIES' SANITARY NAPKIN DISPOSAL MODEL # B-270 IN STAINLESS STEEL.
- BOBRICK MODEL #B76717 SURFACE MOUNTED ROBE HOOK IN SATIN FINISHED STAIN STEEL.

NOTE: PLUMBING FIXTURE FLOW RATES AND CONSUMPTION SHALL COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2010 EDITION, SECTION 604.4, AND TABLE 604.4.



**1 UNISEX ADA RESTROOM PLAN**  
SCALE: 3/8"=1'-0"

**wha**

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architect of record:  
**William Arthur**  
License Number: 0012074

design associate:  
**MMH**

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project information:  
**Amaze Restaurant**  
3887 N.W. 107th Avenue, Suite 101  
DORAL, FLORIDA

owners information:  
**BJCM Doral Properties**  
PO Box 560683  
Miami, FL 33256  
Tenant:Luis Ganestira 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

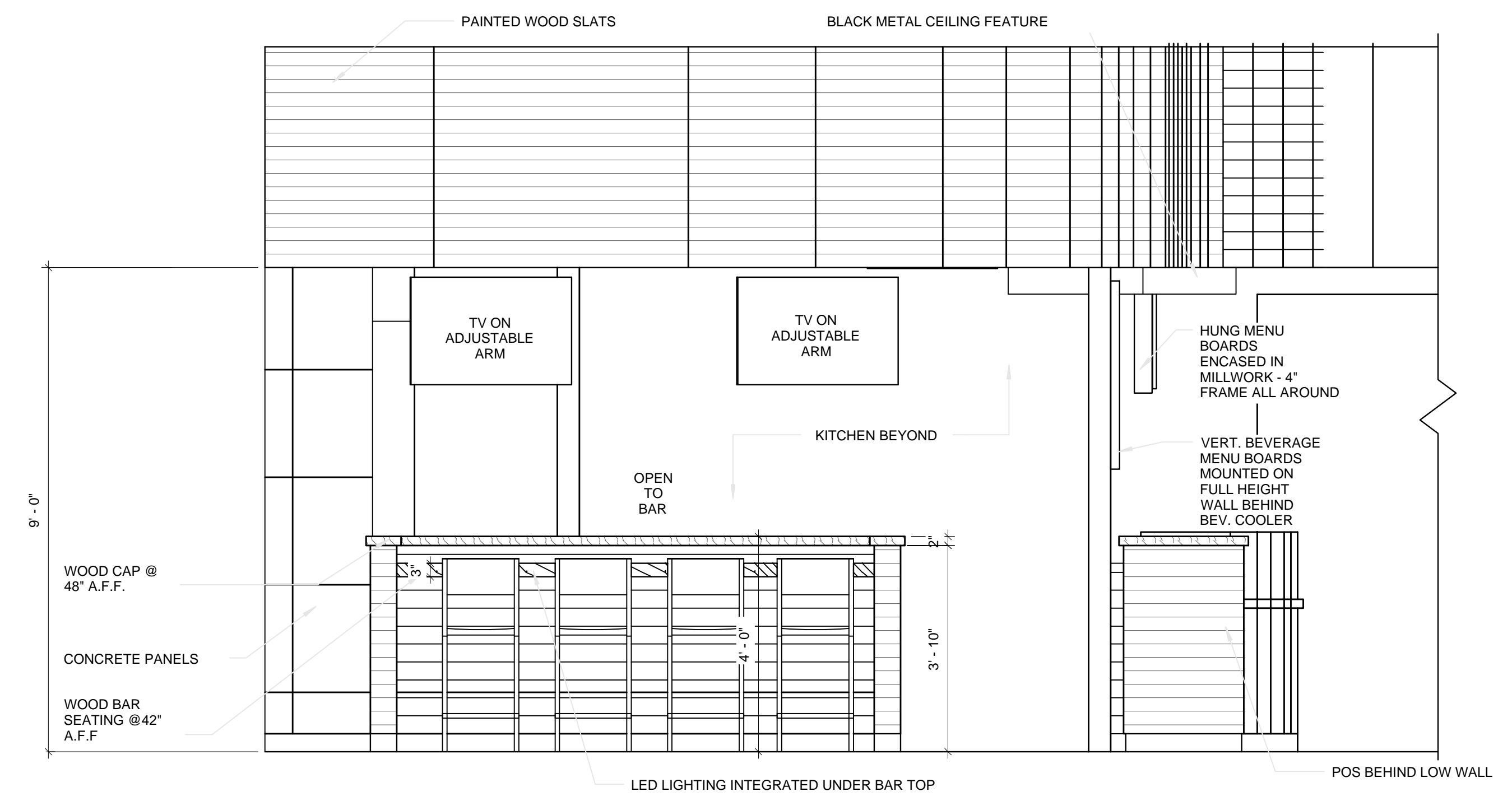
project history:  
▲  
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project information:  
date: 08.16.2013  
project number: 13-78F

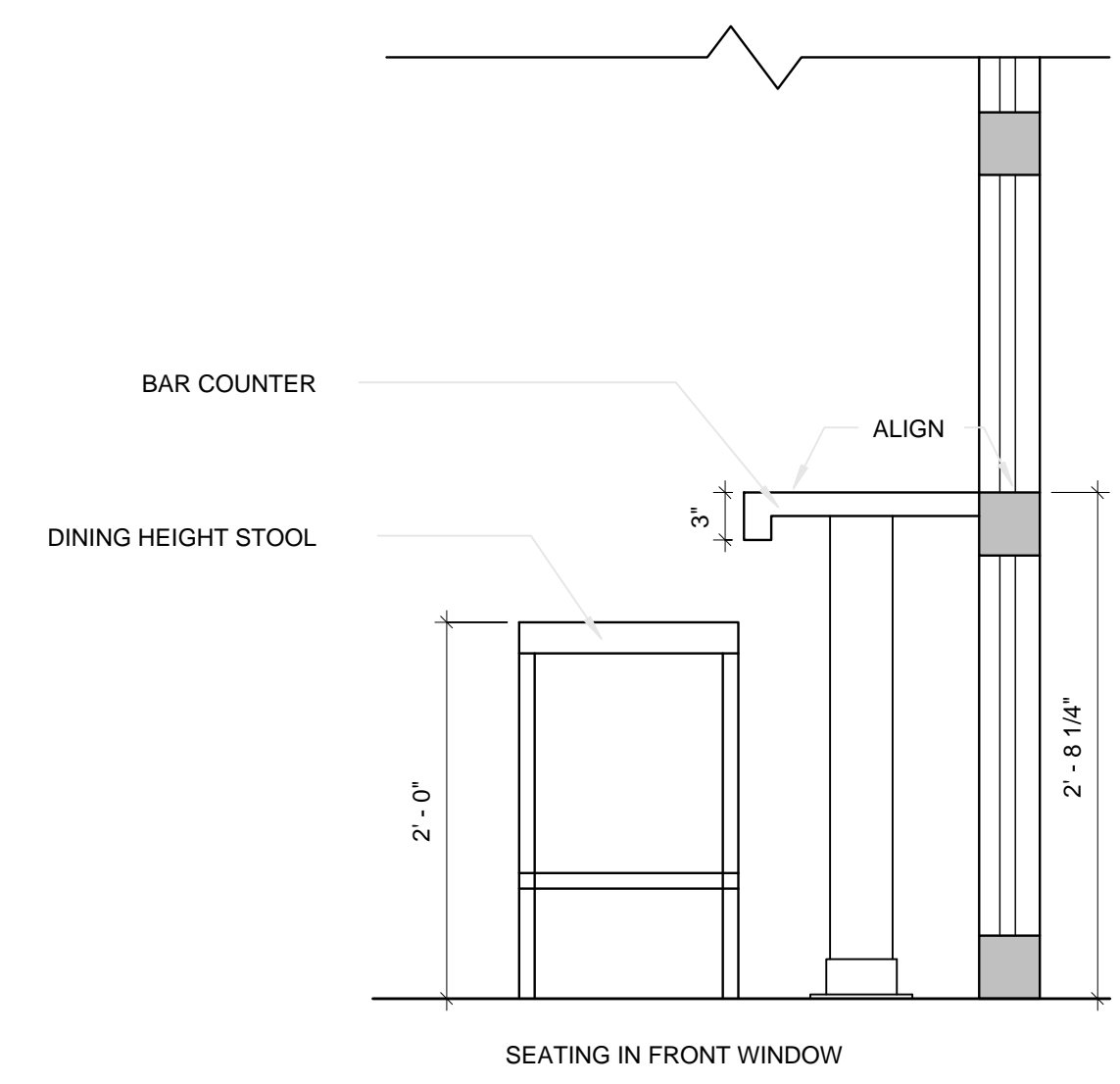
sheet title:  
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sheet number:  
**A3.0**  
file:  
a3.0-restrm\_details.dwg

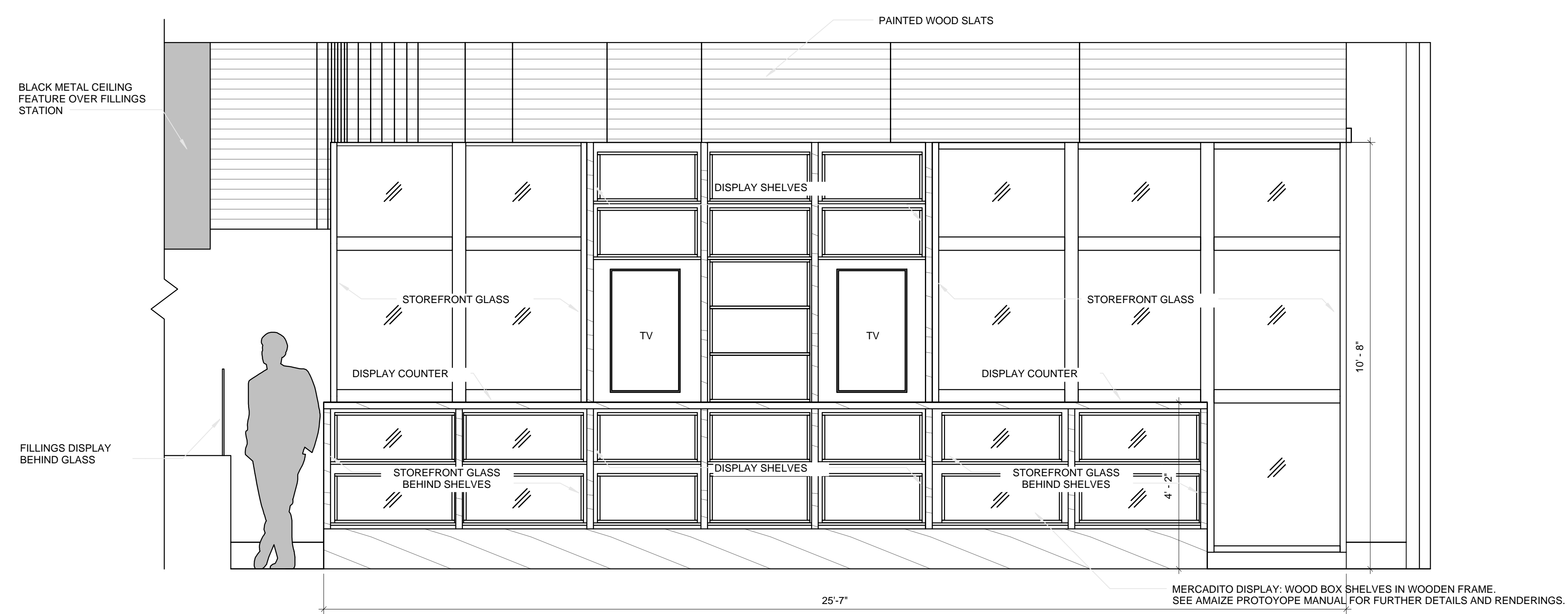




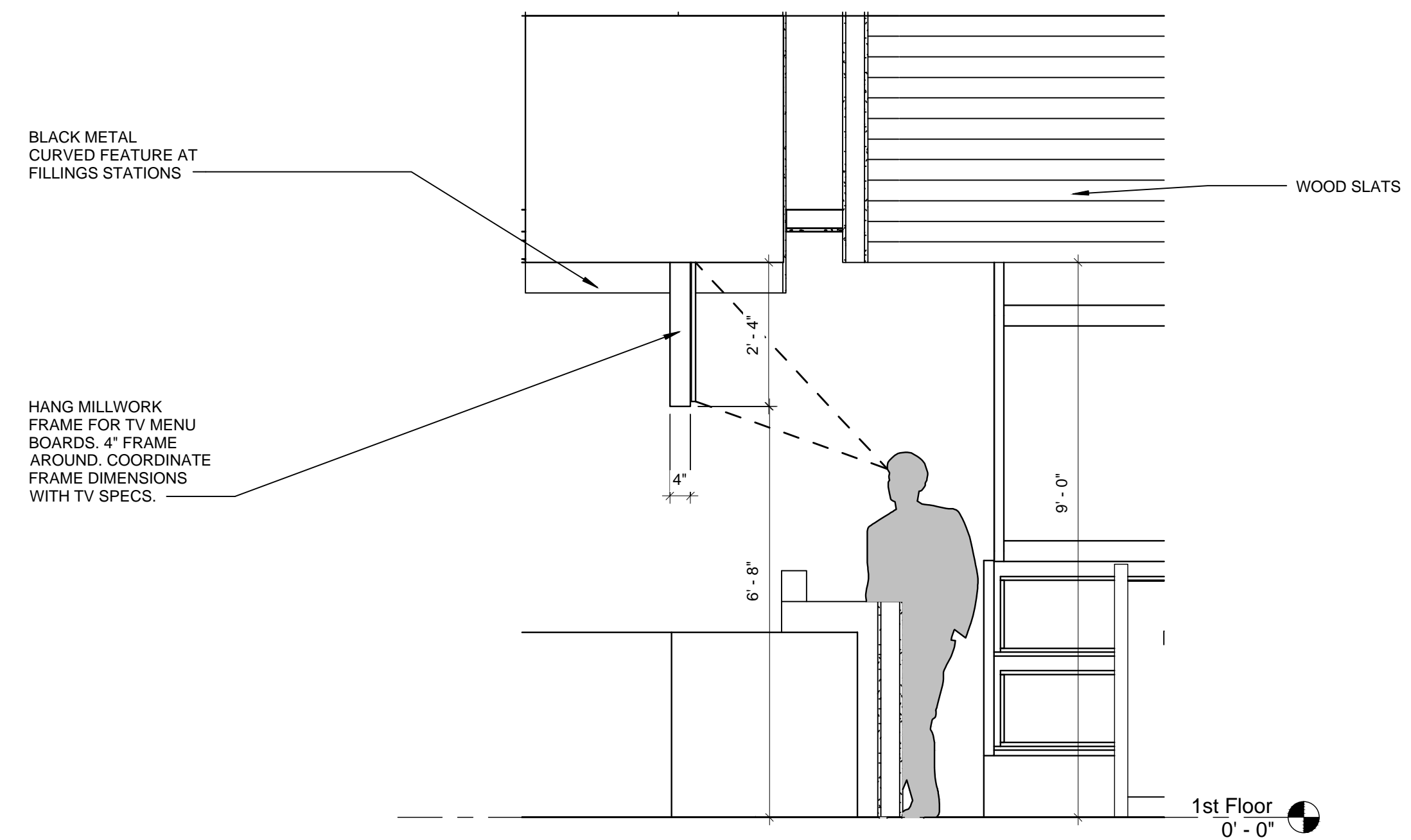
**1** ELEVATION AT REAR BAR SEATING  
 SCALE: 1/2" = 1'-0"



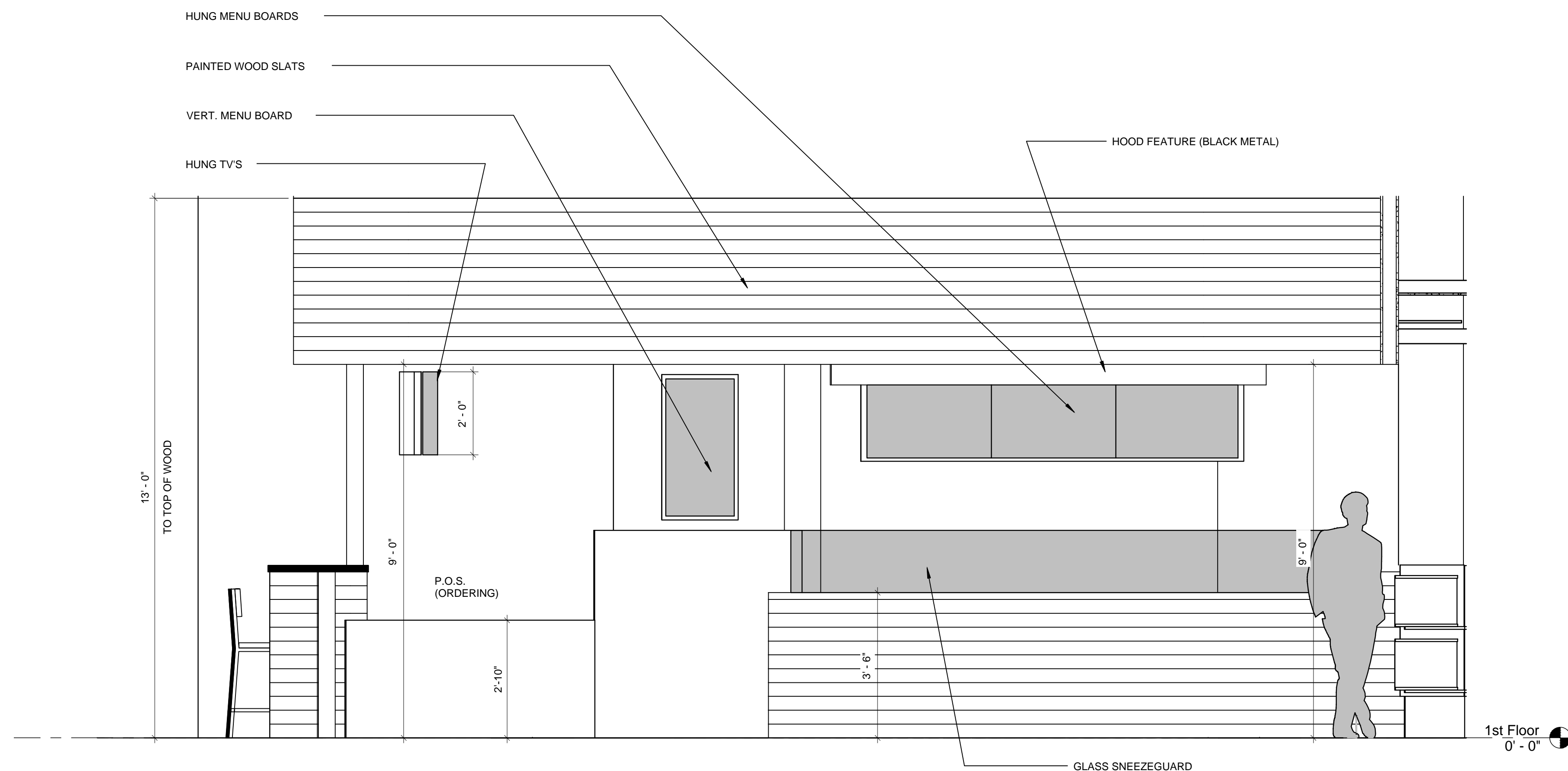
**2** SECTION AT FRONT BAR SEATING  
 SCALE: 1/2" = 1'-0"



**3** ELEVATION AT MERCADITO  
 SCALE: 1/2" = 1'-0"



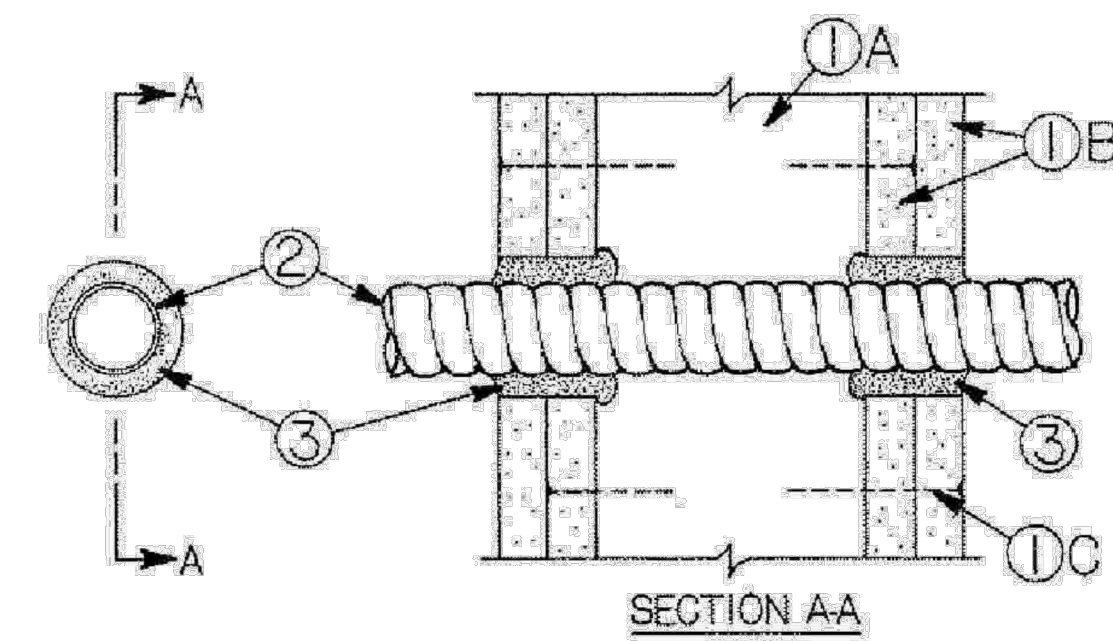
**1** **DIAGRAM SECTION AT MENU BOARDS**  
SCALE: 1/2" = 1'-0"



**2** **ELEVATION AT FRONT COUNTER**  
SCALE: 1/2" = 1'-0"

System No. W-L-1308

March 27, 2003  
 F Ratings o 1 and 2 Hr. (See Item 3)  
 T Rating o 0 Hr  
 L Rating At Ambient o less than 1 CFM/ sq ft  
 L Rating At 400 F o less than 1 CFM/ sq ft



1. Wall Assembly o The 1 or 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

- A. Studs o Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC with nom 2 by 4 in. lumber and plates and cross braces. Steel studs to be min 3-5/8 in. wide by 1-3/8 in. deep channels spaced max 24 in. OC.
- B. Gypsum Board o Nom 5/8 in. thick, 4 ft. wide with square or tapered edges. The gypsum board type, number of layers and sheet orientation shall be as specified in the individual Wall and Partition Design. Diam of circular through opening cut through gypsum board max 1 in. larger than outside diam of flexible metal conduit (Item 2) installed in through opening.
- C. Fasteners o When wood stud framing is employed, gypsum board attached to studs with cement coated nails as specified in the individual Wall or Partition Design. When steel channel stud framing is employed, gypsum board attached to studs with Type 5 self-drilling, self-tapping bugle-head steel screws as specified in the individual Wall or Partition Design.

2. Through Penetrating Product\* o Nom 4 in. diam (or smaller) aluminum Flexible Metal Conduit\* or nom 3/4 in. diam (or smaller) steel Flexible Metal Conduit\*. Max one flexible metal conduit to be installed center of circular opening in gypsum board. The annular space within the firestop system shall be a nom 1/2 in. Flexible metal conduit to be rigidly supported on both sides of wall assembly.

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3. Fill, Void or Cavity Material\* o Caulk o Fill material forced into annular space around entire circumference of through penetrating product to completely fill opening in gypsum board layers on each side of the wall assembly. A min 5/8 in. thickness of caulk is required for the 1 hr F Rating. A min 1-1/4 in. thickness of caulk is required for the 2 hr F Rating.

3M COMPANY — CP 25WB\*

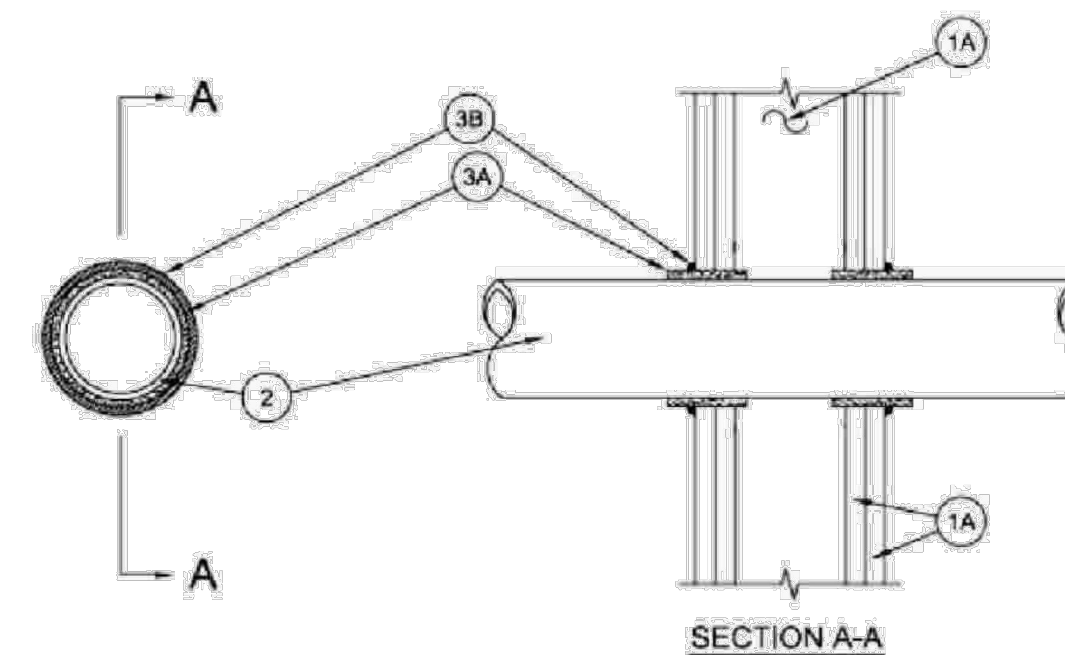
\* Bearing the UL Listing Mark  
 \* Bearing the UL Classification Mark

Last Updated on 2003-03-27

1 FIRE PENETRATION DETAILS - UL# W-L-1308  
 SCALE: N.T.S.

System No. W-L-2551

February 15, 2010  
 F Ratings o 1 and 2 Hr (See Item 1)  
 T Ratings o 1 and 2 Hr (See Item 1)



1. Wall Assembly o The 1 or 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. Studs o Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide spaced max 24 in. (610 mm) OC.
- B. Gypsum Board\* o The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Design in the UL Fire Resistance Directory. Max diam of opening is 5 in. (127 mm).

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. The hourly T Rating is 1 and 2 hr for 1 and 2 hr rated assemblies, respectively.

- 2. Through Penetrants o One nonmetallic pipe or conduit concentrically or eccentrically within the firestop system. The annular space between penetrant and periphery of opening shall be min 3/8 in. (10 mm) to max 5/8 in. (16 mm). Penetrant to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes or conduits:
  - A. Polyvinyl Chloride (PVC) Pipe o Nom 4 in. (102 mm) diam (or smaller) Schedule 40 solid core or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
  - B. Fire Retardant Polypropylene (FRPP) Pipe o Nom 4 in. (102 mm) diam (or smaller) Schedule 40 FRPP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
  - C. Rigid Nonmetallic Conduit\* o Nom 4 in. (102 mm) diam (or smaller) Schedule 40 PVC conduit installed in accordance with the National Electrical Code (NFPA No. 70).
- 3. Firestop System o The firestop system shall consist of the following:

A. Fill, Void or Cavity Materials\* - Wrap Strip o Min 3/16 in. (3 mm) thick intumescent material supplied in 2-1/2 in. (64 mm) wide strips. Single layer of pre-cut wrap strip tightly wrapped around nonmetallic pipe and secured with the adhesive closure tab. Wrap strip to be slid into opening such that the outer edge of wrap strip extends approx 5/8 in. (16 mm) from both surfaces of wall.

3M COMPANY 3M FIRE PROTECTION PRODUCTS — Tuck-In Wrap Strip WS 200, WS 300 or WS 400

B. Fill, Void or Cavity Material\* - Caulk or Sealant o Min 1/4 in. (6 mm) diam bead of sealant applied to gypsum board/wrap strip interface on both sides of wall.

3M COMPANY 3M FIRE PROTECTION PRODUCTS — IC 15WB\*, CP 25WB\* or FB-3000 WT sealant

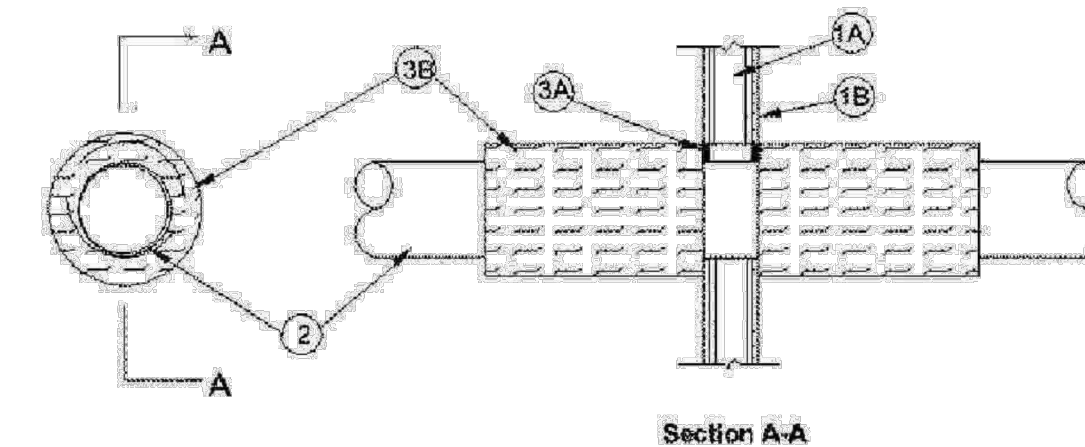
\* Bearing the UL Classification Mark

Last Updated on 2010-02-15

3 FIRE PENETRATION DETAILS - UL# W-L-2551  
 SCALE: N.T.S.

System No. W-L-1323

September 21, 2009  
 F Rating o 2 Hr  
 T Ratings o 1-1/4 and 2 Hr (See Item 2)



1. Wall Assembly o The 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

- A. Studs o Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide spaced max 24 in. (610 mm) OC.
- B. Gypsum Board\* o Two layers of nom 5/8 in. (16 mm) thick gypsum board, as specified in the individual Wall and Partition Design. Max diam of opening is 12-3/4 in. (324 mm).

2. Through-Penetrant o One metallic pipe or tubing installed concentrically or eccentrically within opening. Annular space between penetrant and periphery of opening shall be min 0 in. (0 mm) (point contact) to max 2 in. (51 mm). Penetrant to be rigidly supported on both sides of wall assembly. The following types and sizes of penetrants may be used:

- A. Steel Pipe o Nom 10 in. (254 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
- B. Iron Pipe o Nom 10 in. (254 mm) diam (or smaller) cast or ductile iron pipe.
- C. Copper Tubing o Nom 4 in. (102 mm) diam (or smaller) Type L (or heavier) copper tubing.
- D. Copper Pipe o Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper pipe.

The Hourly T Rating is 2 Hr for penetrants A and B. The Hourly T Rating is 1-1/4 Hr for penetrants C and D.

3. Firestop System o The firestop system shall consist of the following:

A. Fill, Void or Cavity Materials\* -Caulk, Sealant or Putty o Min 5/8 in. (16 mm) thickness of caulk or putty applied within the annulus. Flush with both surfaces of wall.

3M COMPANY — CP 25WB\* caulk, MP\* putty or FB-3000 WT sealant

B. Duct Wrap Material\* o Nom 2 in. (51 mm) thick duct wrap tightly wrapped around penetrant, butted to wall and extending 24 in. (610 mm) beyond both surfaces of wall. Longitudinal seams sealed with foil tape.

3M COMPANY — FireBarrier Duct Wrap 20A, 615 or 616\*

\* Bearing the UL Classification Mark

Last Updated on 2009-09-21

2 FIRE PENETRATION DETAILS - UL# W-L-1323  
 SCALE: N.T.S.



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3M COMPANY — CP 25WB\*

\* Bearing the UL Listing Mark  
 \* Bearing the UL Classification Mark

Last Updated on 2003-03-27

1 FIRE PENETRATION DETAILS - UL# W-L-1308  
 SCALE: N.T.S.

System No. W-L-1323

September 21, 2009  
 F Rating o 2 Hr  
 T Ratings o 1-1/4 and 2 Hr (See Item 2)



1. Wall Assembly o The 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

- A. Studs o Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide spaced max 24 in. (610 mm) OC.
- B. Gypsum Board\* o Two layers of nom 5/8 in. (16 mm) thick gypsum board, as specified in the individual Wall and Partition Design. Max diam of opening is 12-3/4 in. (324 mm).

2. Through-Penetrant o One metallic pipe or tubing installed concentrically or eccentrically within opening. Annular space between penetrant and periphery of opening shall be min 0 in. (0 mm) (point contact) to max 2 in. (51 mm). Penetrant to be rigidly supported on both sides of wall assembly. The following types and sizes of penetrants may be used:

- A. Steel Pipe o Nom 10 in. (254 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
- B. Iron Pipe o Nom 10 in. (254 mm) diam (or smaller) cast or ductile iron pipe.
- C. Copper Tubing o Nom 4 in. (102 mm) diam (or smaller) Type L (or heavier) copper tubing.
- D. Copper Pipe o Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper pipe.

The Hourly T Rating is 2 Hr for penetrants A and B. The Hourly T Rating is 1-1/4 Hr for penetrants C and D.

3. Firestop System o The firestop system shall consist of the following:

A. Fill, Void or Cavity Materials\* -Caulk, Sealant or Putty o Min 5/8 in. (16 mm) thickness of caulk or putty applied within the annulus. Flush with both surfaces of wall.

3M COMPANY — CP 25WB\* caulk, MP\* putty or FB-3000 WT sealant

B. Duct Wrap Material\* o Nom 2 in. (51 mm) thick duct wrap tightly wrapped around penetrant, butted to wall and extending 24 in. (610 mm) beyond both surfaces of wall. Longitudinal seams sealed with foil tape.

3M COMPANY — FireBarrier Duct Wrap 20A, 615 or 616\*

\* Bearing the UL Classification Mark

Last Updated on 2009-09-21

2 FIRE PENETRATION DETAILS - UL# W-L-1323  
 SCALE: N.T.S.

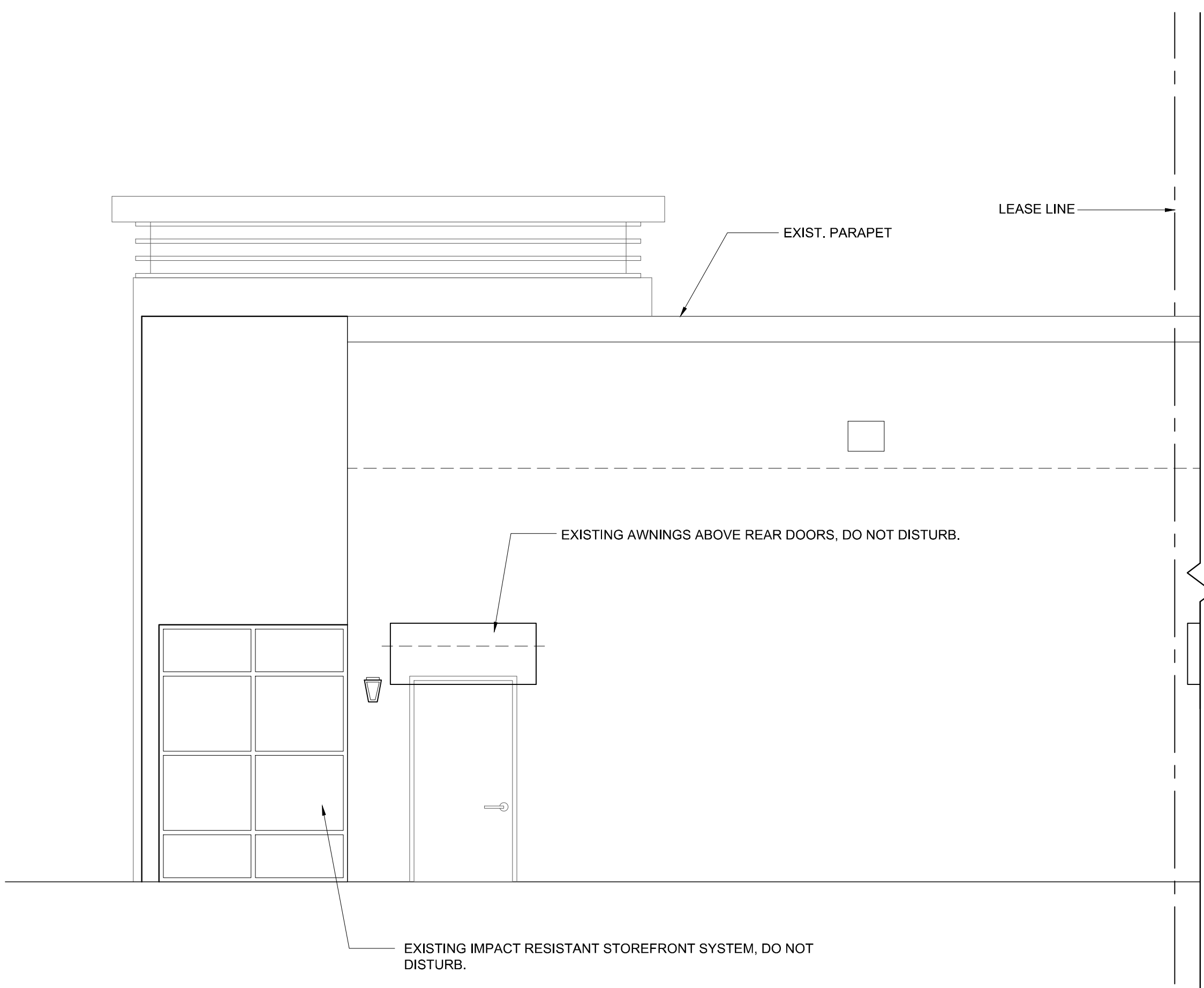
project information:  
**Amaze Restaurant**  
 3887 N.W. 107th Avenue, Suite 101  
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 property owners information:  
 BJCM Doral Properties  
 PO Box 560683  
 Miami, FL 33256  
 Tenant:Luis Genestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project history:

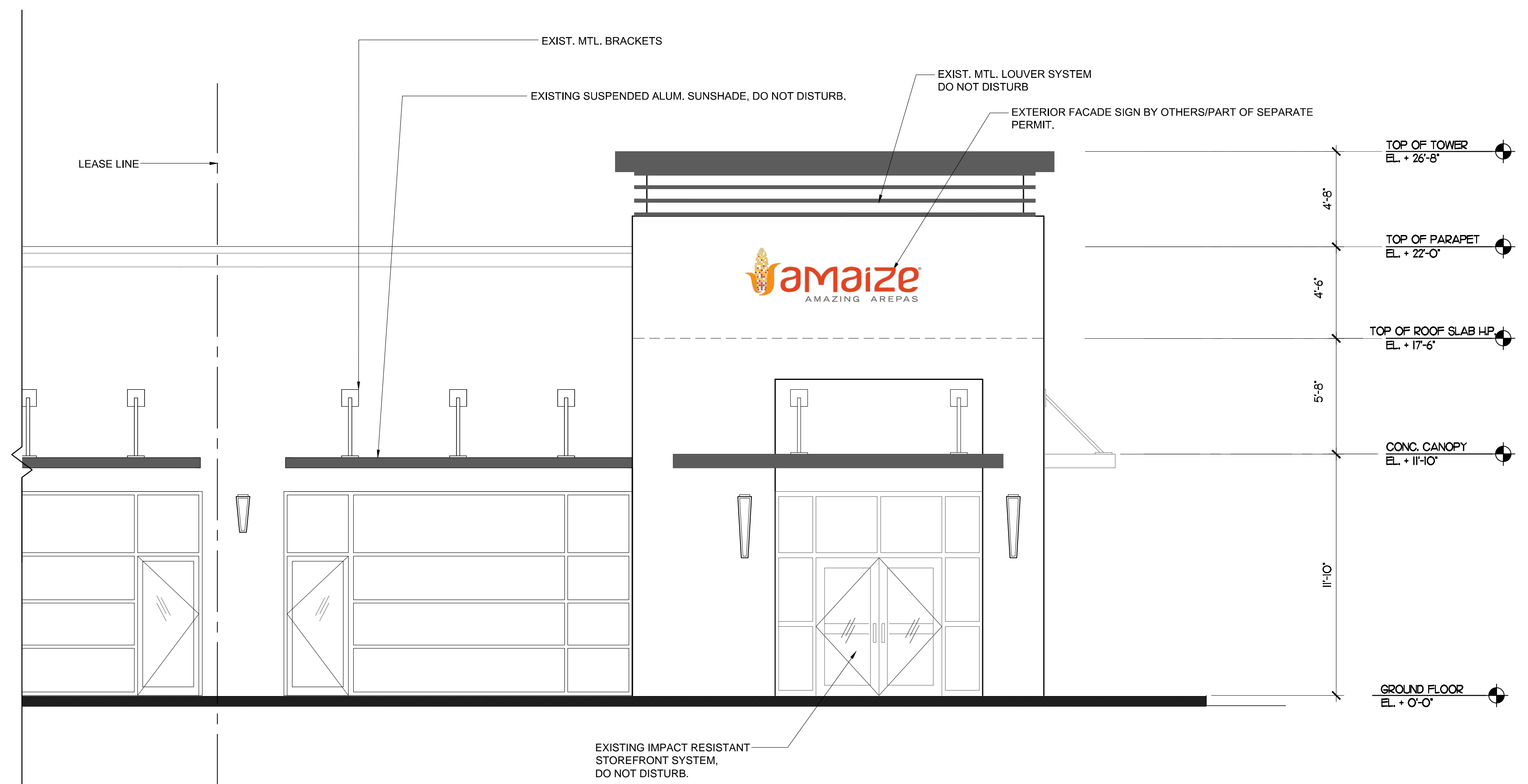
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 date: 08.16.2013  
 project number: 13-78F

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**U.L. fire penetraion details**

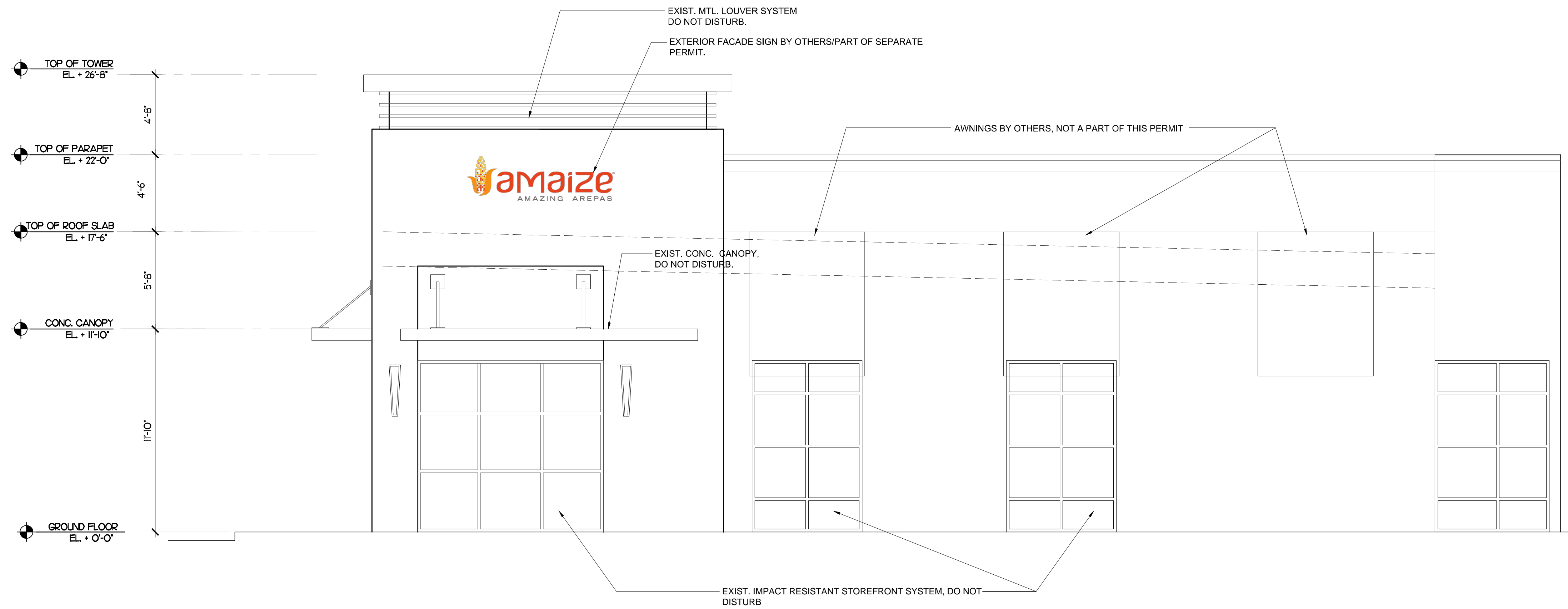
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**A4.0**  
 file:  
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**3 EXTERIOR (WEST) ELEVATION**  
 SCALE: 1/4" = 1'-0"



**2 EXTERIOR (WEST) ELEVATION**  
 SCALE: 1/4" = 1'-0"



**1 EXTERIOR (SOUTH) ELEVATION**  
 SCALE: 1/4" = 1'-0"

EXTERIOR DOOR ASSEMBLIES SHALL BE PERMITTED TO HAVE KEY-OPERATED LOCKS FROM EXTERIOR SIDE AS LONG AS THEY COMPLY WITH THE CRITERIA LISTED PER FFPC 7.2.1.5.4.1. A SIGN SHALL BE PROVIDED ADJACENT TO DOOR WHICH STATES "DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED."

**OCCUPANT LOAD CALCULATION**

(Per FBC, Table 1004.1.1)  
 GROSS AREA: 2,767 S.F.  
 MAXIMUM AREA FOR FAST FOOD RESTAURANT:  
 INDOOR TABLES/CHAIRS 707.14 SF/ 15 = 47.14 = 48 PEOPLE (ACTUAL= 60).  
 INDOOR BENCH SEATING 384 L.F./ 18 = 21.33 = 22 PEOPLE (ACTUAL= 13).  
 BOH/ KITCHEN: 716.72 SF/ 100 = 7.17 = 8 PEOPLE (ACTUAL= 8).  
 FOOD PREPARATION 174.74 SF/ 100 = 1.74 = 2 PEOPLE (ACTUAL= 2).  
 TOTAL OCCUPANT LOAD: 83 PEOPLE

ALL FLOOR FINISHES SHALL MEET OR EXCEED THE REQUIREMENTS AS SET FORTH BY THE FBC 804. ALL FLOOR FINISHES SHALL BE CLASS I FINISH MATERIAL IN ACCORDANCE WITH NFPA253.

FOR KITCHEN EQUIPMENT PLANS AND SCHEDULES, SEE DRAWINGS BY WASSERSTROM, K100-K400 SERIES SHEETS.

ALL NEW FLOORING SHALL BE FIRM AND SLIP RESISTANT IN COMPLIANCE WITH FAC 302.

**LIFE SAFETY NOTES:**

**BUILDING TYPE IIIA; UNPROTECTED, SPRINKLERED NO FIRE ALARM IS PROVIDED**

EGRESS WIDTH PER NFPA 101, SECTION 7.3.1.2: 44" MIN. EXCEPT WHERE LESS THAN 50 SEATS ARE SERVED, 36" IS PERMITTED.

OTHER EGRESS COMPONENTS PROVIDED:  
 PER NFPA 101, 12.2.3.6.2 THE FRONT DOOR MUST ACCOMMODATE 1/2 OF THE TOTAL OCCUPANT LOAD: 83 / 2 = 41.5 X 2 = 8.3' REQUIRED, 36" (CLEAR) PROVIDED.  
 REAR EXIT DOORS - SMALLEST WIDTH 36"

NUMBER OF MEANS OF EGRESS & TRAVEL DISTANCE:  
 AS PER FFPC & NFPA 101, 12.2.4 AND 7.4  
 A SINGLE EXIT SHALL BE PERMITTED IN A CLASS C MERCANTILE OCCUPANCY PROVIDED THAT THE TRAVEL DISTANCE TO THE EXIST DOES NOT EXCEED 75 FT. AS PER FBC TABLE 1016.1 & FFPC & NFPA 38.2.5.3.1

AS PER FFPC & NFPA 101, 12.2.5.1.2  
 COMMON PATH OF TRAVEL SHALL BE PERMITTED FOR THE FIRST 20 FT. FOR ANY NUMBER OF OCCUPANTS AND FOR THE FIRST 75 FT. WHERE NOT EXCEEDING 50 OCCUPANTS.

DOOR HARDWARE: SEE SHT. A3.0 FOR DOOR SPECS, SCHEDULES & NOTES. \*\*ALL DOORS IN THE MEANS OF EGRESS SHALL BE SINGLE ACTION RELEASE, NOT REQUIRE THE USE OF A KEY, TOOL OF SPECIAL KNOWLEDGE TO OPEN FROM THE EGRESS SIDE.

ELECTRICAL: EMERGENCY/EXIT LIGHT LOCATIONS AS SHOWN ON THIS SHT. REFER TO ELECTRICAL SHTS FOR CIRCUITS & FURTHER INFORMATION.

FIRE EXTINGUISHERS: CONTRACTOR SHALL PROVIDE ONE ABC TYPE FIRE EXTINGUISHER FOR EVERY 2500 S.F. OF BUILDING AREA & NO MORE THAN 75FT. TRAVEL DISTANCE. UTILIZE CLASS K EXTINGUISHER AT COOKING AREAS. EXTINGUISHERS SHALL BE MOUNTED AT 48" AFF MAX. PROVIDE EXTINGUISHER CABINET IN ALL AREAS. SQUARE TRIM CABINET WITH "VERTICAL DUO" DOOR WITH WHITE BAKED ENAMEL FINISH AS MFR. BY LARSEN OR EQUAL. COORDINATE LOCATION WITH OWNER PRIOR TO INSTALLATION.

PHOTOMETRICS: EGRESS PATH SHALL HAVE A MIN. OF 1FC /S.F.

**SYMBOL LEGEND:**

- FE PROVIDE (1) ABC TYPE FIRE EXTINGUISHER PER GROSS 2,500SF TOTAL AREA = 2,767 SF / 2,500.00 = 1.10 = 2 ABC TYPE EXTINGUISHER REQUIRED.
- FE PROVIDE (1) K TYPE FIRE EXTINGUISHER IN KITCHEN/PREP AREA.
- EXIT/EM COMBO, SINGLE FACE LED, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 1W (8LEDS X.125W) PER HEAD, (UL924 TESTED), DO NOT DISTURB.
- EXIT LIGHT, SINGLE FACE LED, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 1W (8LEDS X.125W) PER HEAD, (UL924 TESTED), DO NOT DISTURB.
- EM LIGHT, 2 HEAD, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 2 ADJUSTABLE 5.4W, GLARE FREE LAMP HEADS

RESTRM WALLS & FLR SHALL HAVE SMOOTH, HARD, NON-ABSORBENT SURFACES AS PER FBC 1210.1.

EGRESS DOORS MUST BE READILY OPENABLE FROM EGRESS SIDE W/O USE OF KEY OR SPECIAL KNOWLEDGE OR EFFORT AS PER FBC 1008.1.8

DOORS MUST BE OPENABLE W/ NOT MORE THAN ONE RELEASING OPERATION, FBC 1008.1.8.2.

EGRESS PATH SHALL BE CLEAR & CONTINUOUS (NO STORAGE OR DISPLAY ALLOWED IN EGRESS PATH), AND SHALL COMPLY WITH FBC 1014.4 & 1014.4.2.

REFER TO FIRE PENETRATION DETAILS ON SHT A4.0.

FIRE AND/OR SMOKE SEPARATION WALLS AND PARTITIONS MUST BE IDENTIFIED WITH STENCILED SIGN AS PER FBC 704.2.1.4

ALL WALL FINISHES SHALL MEET OR EXCEED THE REQUIREMENTS AS SET FORTH BY THE FBC, TABLE 803.9 FOR NON-SPRINKLERED OCCUPANCY AND BY THE FFPC 2010. ALL WALL FINISHES SHALL BE CLASS "A".

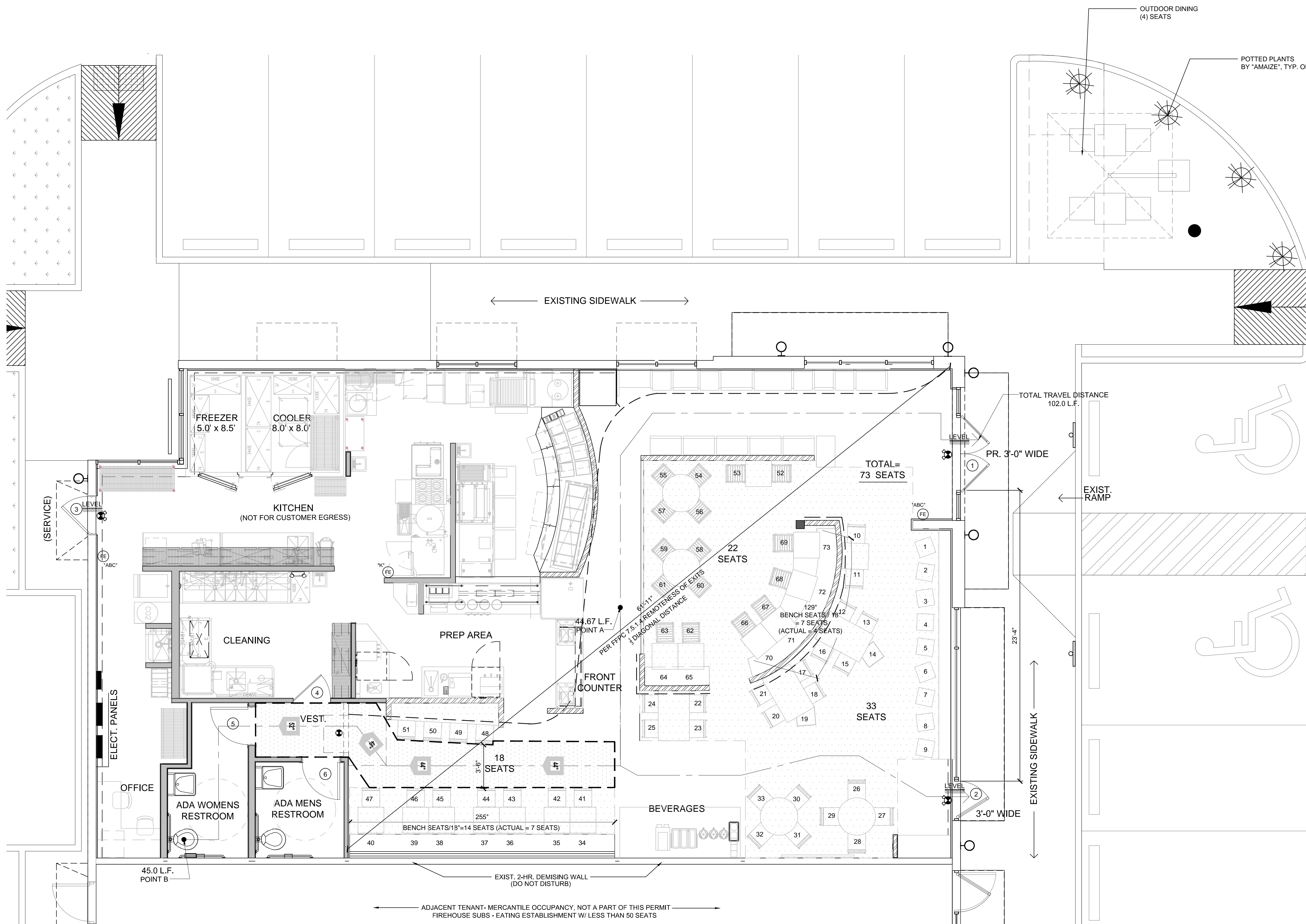
COMBUSTIBLE MATERIALS SHALL BE PERMITTED IN BUILDINGS OF TYPE I AND TYPE II CONSTRUCTION AS LONG AS THEY ADHERE TO THE APPLICATIONS LISTED IN SECTION 603.1.41-25. FIRE RETARDANT TREATED WOOD SHALL BE PERMITTED AS PER FBC 603.1.

**FIRE PROTECTION & ACCESSIBILITY NOTES :**

GC SHALL PROVIDE (2) CLASS K & (1) ABC TYPE FIRE EXTINGUISHER PER 2,500SF OF AREA. EXTINGUISHERS SHALL BE MTD 48" AFF MAX. PROVIDE EXTINGUISHER CABINET IN ALL AREAS. SQ TRIM CABINET W/ "VERTICAL DUO" DOOR W/ WHITE BAKED ENAMEL FINISH AS MFR BY LARSEN OR EQL. COORDINATE LOCATION W/ OWNER PRIOR TO INSTALL.  
 THERE IS AN ACCESSIBLE ROUTE FOR THE PUBLIC FROM ACCESSIBLE PARKING SPACES THROUGH WALKWAY TO ENTRY DOORS & INTO BUILDING. ALL PUBLIC AREAS ARE ACCESSIBLE & HAVE NO LEVEL CHANGES GREATER THAN 1/2".

MAXIMUM OF 1/4" DIFFERENCE IN LEVEL BETWEEN OPPOSITE SIDES OF ALL EXIT DOORS IN ACCORDANCE WITH NFPA 101 7.1.6.2. DIFFERENCE IN LEVEL SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2

AT EXTERIOR, DO NOT DISTURB EXIST WALL MTD ILLUMINATION PROVIDING REQUIRED 1FC IN THE EXIST PATH OF EGRESS LEADING TO THE PUBLIC WAY PER FBC 1006.1.1.



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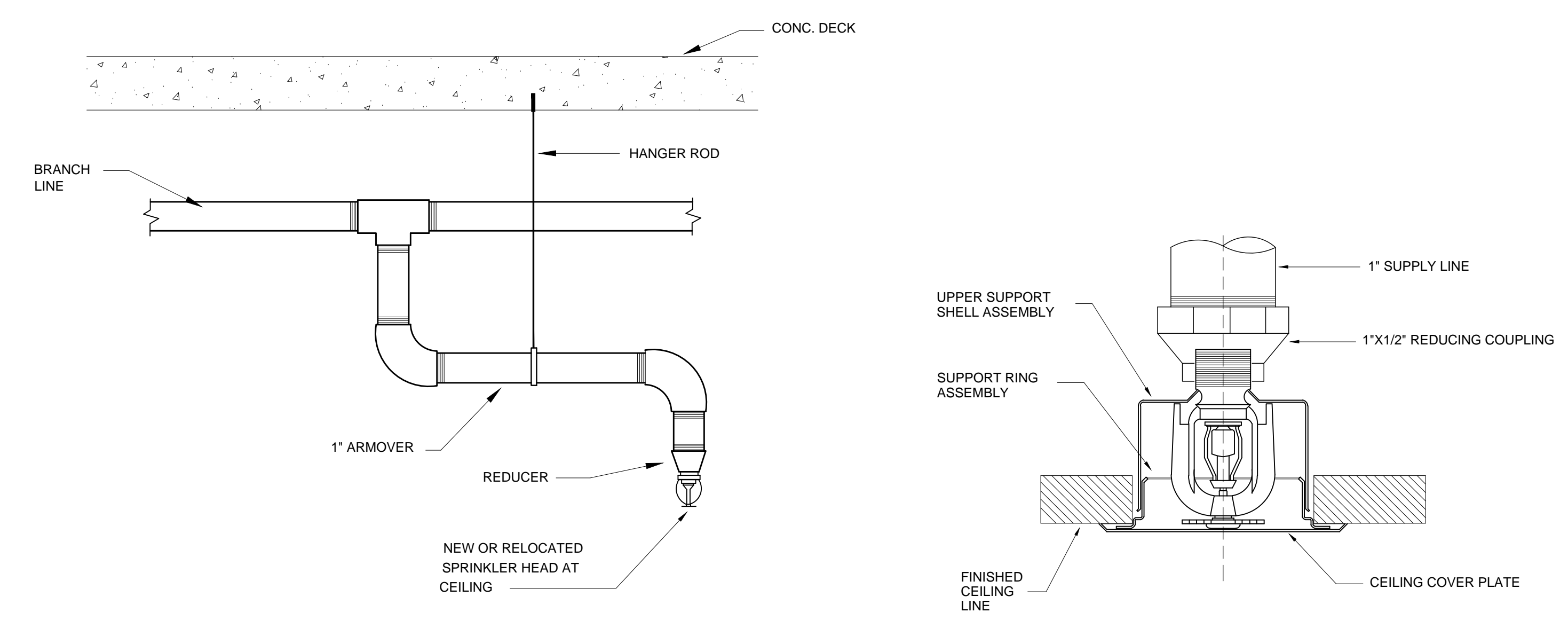
project information:  
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 DORAL, FLORIDA  
 property owners information:  
**BJCM Dorai Properties**  
 PO Box 560683  
 Miami, FL 33256  
 Tenant: Luis Ganestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project history:  
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project information:  
 date: 08.16.2013  
 project number: 13-78F

sheet title:  
**life safety floor plan and notes**

sheet number:  
**LS1.0**  
 file:  
 ls1.0-life safety plan.dwg



TYPICAL ARMOOVER DETAIL

NTS

CONCEALED TYPE SPRINKLER HEAD MOUNTING DETAIL

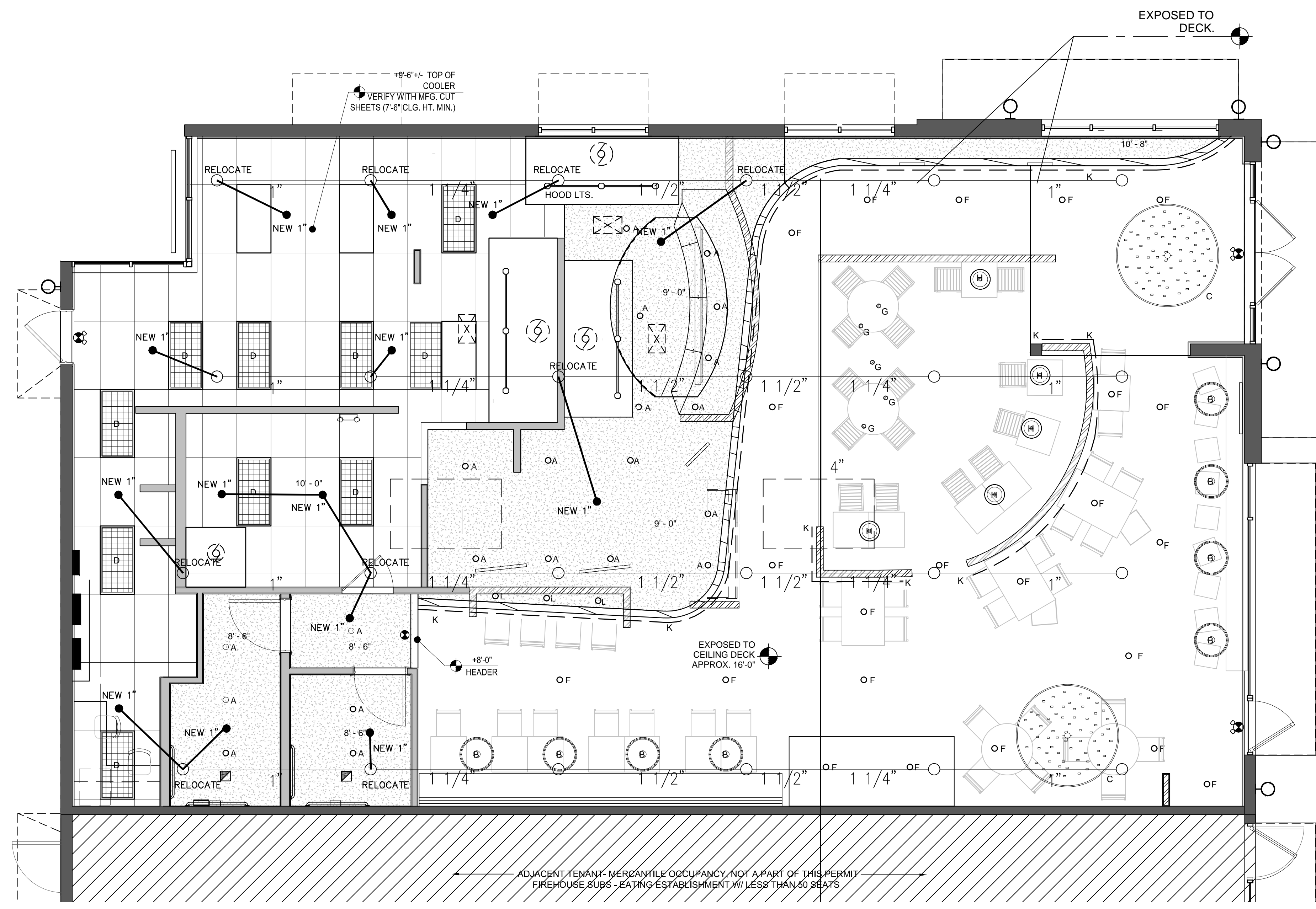
**FIRE PROTECTION NOTES**  
 SPACE HAS EXISTING FIRE SPRINKLERS. SPRINKLERS WILL NEED TO BE RE-SET INTO NEW ACOUSTICAL CEILING AND GYPSUM BD. CEILINGS. ANY MODIFICATIONS TO EXISTING SPRINKLERS SHALL REQUIRE SEPARATE PERMIT. FIRE PROTECTION CONTRACTOR'S WORKING PLAN AS PER NFPA 13.1-9.1 SHALL BE SUBMITTED TO THE FIRE DEPARTMENT BEFORE ANY FIRE PROTECTION SYSTEM IS INSTALLED OR REMODELED.

**FIRE PROTECTION LEGEND**

- EXISTING PENDANT SPRINKLER HEAD LOCATION
- NEW PENDENT SPRINKLER HEAD SEE DETAIL.
- EXISTING SPRINKLER PIPING
- NEW SPRINKLER PIPING

**GENERAL NOTES**

- 1- SPRINKLER SYSTEM SHALL BE INSTALLED BY AN APPROVED FIRE SPRINKLER CONTRACTOR WHO SHALL SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS, SIGNED AND SEALED BY A REGISTERED FLORIDA ENGINEER FOR LOCAL JURISDICTION APPROVAL.
- 2- FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST WATER FLOW DATA
- 3- SPRINKLER SYSTEM SHALL BE IN FULL COMPLIANCE WITH APPLICABLE CODES INCLUDING BUT NOT LIMITED TO:
  - A) N.F.P.A. 13 & 24
  - B) FLORIDA BUILDING CODE
- 4- UNDERGROUND PIPING SHALL BE CLASS 52 DUCTILE IRON BELOW GRADE AND IN AREAS EXPOSED TO WEATHER, PIPING SHALL BE SCH. 40 GALVANIZED
- 5- ABOVE GRADE PIPING 2 1/2" AND LARGER SHALL BE SCH. 10
- 6- ABOVE GRADE PIPING 2" AND SMALLER SHALL BE ALLIED "XL" OR "BLT" WITH SCREWED FITTINGS
- 7- ALL PIPING SHALL BE HYDRAULICALLY SIZED PER N.F.P.A. 13
- 8- ALL PIPING TO BE FLUSHED IN ACCORDANCE WITH N.F.P.A. 13
- 9- ALL PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR MIN. (2) HOURS
- 10- MAXIMUM HEAD SPACING TO BE 130'
- 11- SPRINKLER DEFLECTOR TO BE LOCATED MAXIMUM 12" FROM ROOF DECK
- 12- ALL CONTROL VALVES TO BE SUPERVISED IN ACCORDANCE WITH N.F.P.A. 13
- 13- HANGER TYPE AND SPACING SHALL BE IN ACCORDANCE WITH N.F.P.A. 13



THIS FIRE SPRINKLER PLAN IS BEING PROVIDED FOR DIAGRAMATIC PURPOSES ONLY TO INDICATE PROPOSED LOCATIONS OF NEW SPRINKLER HEADS. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE SPRINKLER PLANS TO THE AUTHORITY HAVING JURISDICTION AS REQUIRED BY CODE.

project information:  
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 DORAL, FLORIDA

property owners information:  
**BJCM Dorai Properties**  
 PO Box 560683  
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 Tenant: Luis Ganestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 588-6532

project history:  
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project information:  
 date: 08.16.2013  
 project number: 13-78F

sheet title:  
**fire protection plan, details & notes**

sheet number:  
**FP1.0**  
 file:  
 fp1.0-fire protection plan.dwg

HVAC EQUIPMENT SCHEDULE		
UNIT DESIGNATION	RTU#1	RTU#2
AREA SERVED	DINING	KITCHEN/BOH
UNIT TYPE	PACKAGE ROOFTOP	PACKAGE ROOFTOP
TOTAL AIR	4000	4000
TOTAL COOLING CAPACITY, MBH	119.800	119.800
NOMINAL CAPACITY (TONS)	10.0	10.0
OUTSIDE AIR, CFM (MINIMUM)	REFER TO SCHED	REFER TO SCHED
# EVAPORATOR FAN/TYP	1 / CENTRIFUGAL	1 / CENTRIFUGAL
# CIRCUITS/# COMPRESSOR/TYP	2 / SCROLL	2 / SCROLL
# CONDENSER FAN/TYP/HP/RMP	1 / DIRECT / 1 /1050	1 / DIRECT / 1 /1050
MINIMUM CIRCUIT AMP / MAXIMUM FUSE	96/100.0	96/100.0
ELECTRIC HEATER (KW) / STAGE(S)	24.0	24.0
ELECTRICAL SERVICE AVAILABLE	240V/1/60	240V/1/60
EE/IE/ER	12.0/12.6	12.0/12.6
DESIGN MANUFACTURER	CARRIER	CARRIER
MODEL NO.	50HCBE11D2C6	50HCBE11D2C6
WEIGHT (LBS)	1863 lb.	1863 lb.

**SYMBOL LEGEND**

- TYP. 24"x24" FLUSH MTD SUPPLY GRILLE.
- TYP. 24"x24" FLUSH MTD RETURN AIR GRILLE.
- TYP. DUCT MOUNTED SMOKE DETECTOR
- TYP. 6"x6" FLUSH MTD SUPPLY GRILLE.
- TYP. 80 CFM BATHRM EXHAUST FAN, MFG. BY 'NUTONE' MODEL #OTRN80, 4" DUCT, VENTED THROUGH WALL.
- KITCHEN EXHAUST FAN, SEE HOOD DRAWINGS BY CAPTIVE-AIRE.
- TYP. WALL MTD PROGRAMMABLE A/C THERMOSTAT MODEL.
- KITCHEN SUPPLY FAN FROM MUA-1, SEE HOOD DRAWINGS BY CAPTIVE-AIRE.

**DIFFUSER SCHEDULE**

MARK	TYPE/SIZE	CFM	FLEX	MOUNT HT.	MFG.
A	CURVE BLADE 24"x24" 4-WAY (UNLESS NOTED)	600	12" DIA.	CEILING	AIR GUIDE
B	CURVE BLADE 24"x24" 4-WAY (UNLESS NOTED)	400	10" DIA.	CEILING	AIR GUIDE
C	LINEAR DIFFUSER 6"x14" 1-WAY	400	10" DIA.	CEILING	AIR GUIDE
D	CURVE BLADE 24"x24" 4-WAY (UNLESS NOTED)	300	9" DIA.	CEILING	AIR GUIDE
E	CURVE BLADE 12"x12" 4-WAY (UNLESS NOTED)	200	8" DIA.	CEILING	AIR GUIDE
F	CURVE BLADE 24"x24" 4-WAY (UNLESS NOTED)	100	6" DIA.	CEILING	AIR GUIDE

ALL DIFFUSERS IN GYPSUM AND ACOUSTICAL CEILING SHALL BE WHITE AND MFG. BY "AIR GUIDE" OR EQUAL. G.C. TO SUBMIT CUT SHEETS FOR APPROVAL.

**MECHANICAL NOTES:**

- ALL WORK SHALL BE DONE IN ACCORDANCE W/ THE LATEST APPROVED EDITION OF THE FBC, THE STANDARD MECH CODE, NFPA & ANY OTHER APPLICABLE LOCAL, STATE OR NATIONAL CODES AND/OR ORDINANCES IN EFFECT AT THE TIME OF PERMIT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MECH CONNECTIONS U.O.N.
- THE MECH CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATION W/ THE PROPERTY OWNER'S PERSONNEL TO REVIEW CONTRACT DOCUMENTS PRIOR TO INSTALL.
- THE OWNER WILL NOT BE HELD LIABLE FROM FIELD CHANGES THAT MAY IN TRADE PERFORMANCE.
- IN GENERAL PLNS & DTLs ARE DIAGRAMMATIC ONLY & SHOULD NOT BE SCALED, COORDINATE ALL MECH WORK W. PLUM, HVAC & FIRE SPRINKLER WORK SO AS NOT TO CONFLICT IN LOCATION OR PERFORMANCE OF OTHER SYSTEMS.
- NECESSARY & OBVIOUSLY REQUIRED MECH ITEMS THAT ARE NOT SHOWN ON THE DWGS DOES NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITY TO INSTALL A COMPLETE, SAFE & OPERATING MECH SYSTEM.
- MECH CONTRACTOR SHALL KEEP A MASTER SET OF BLUE LINES THAT ARE TO BE MARKED UP TO REFLECT 'AS BUILT' CONDITIONS ON A DAILY BASIS. THESE 'AS BUILT' MARK-UPS MAY BE REVIEWED BY THE ARCHITECT, ENGINEER OR OWNER'S REPRESENTATIVE AT THEIR REQUEST & W/O PRIOR NOTIFICATION. THESE 'AS BUILT' DWGS WILL BE TURNED OVER TO THE OWNER AT THE CONCLUSION OF THE PROJECT. ANY CHANGES, MODIFICATIONS OR DEVIATIONS FROM THIS PLN SHALL BE PRESENTED IN WRITING & APPROVED BY THE ARCHITECT, LANDLORD & ANY "TENANT" PRIOR TO ANY MODIFICATIONS BEING PERFORMED.
- THE MECH CONTRACTOR SHALL INCLUDE ALL NECESSARY FEES & POWER COMPANY CHARGES IN THEIR BID.
- CONTRACTOR TO SEAL ALL FLR, ROOF & WALL PENETRATIONS IN AN APPROVED MANNER TO INSURE THE FIRE RATING INTEGRITY OF THE AREAS INVOLVED.
- CONTRACTOR TO VISIT THE SITE & SHALL ALLOW FOR ALL EXIST CONDITIONS IN BID.
- THOROUGHLY REVIEW FINAL LOCATION, TYPE, MOUNTING HEIGHT & CONTROL OF ALL DEVICES PRIOR TO ROUGH IN.
- COORDINATE FINAL INSTALL REQUIREMENTS W/ PROPER AUTHORITIES.
- THE MECH CONTRACTOR SHALL BE RESPONSIBILITY FOR ANY & ALL INSPECTIONS & CERTIFICATIONS THAT MAY BE REQUIRED DURING & UPON COMPLETION OF HIS/HER WORK.
- ALL RIGID DUCT INSUL. SHALL BE 1-1/2" FIBERGLASS, R-6.
- ALL RETURN AIR GRILLS SHALL BE 24" X 24" W/ FILTER KITS.
- ALL SUPPLY GRILLS SHALL BE AS SPECIFIED.
- ALL PRIMARY & SECONDARY CONDENSATE DRAINS SHALL BE MIN 1-1/2" PVC PIPE.
- SWITCH MUST BE INSTALLED IN THE PRIMARY DRAIN PAN OF THE UNIT.
- PROVIDE CONDENSATE OVERFLOW PROTECTION PER FMC 307.2.3. (1) FLOAT
- OVER 2,000CFM REQUIRES THAT CONTRACTOR INSTALL SMOKE DETECTOR W/ AUDIO & VISUAL ALARM W/ TROUBLE LIGHT IN SUPPLY AIR DUCT. SMOKE DETECTORS SHALL BE INTERLINKED FOR SIMULTANEOUS ALARM.
- WALL MTD THERMOSTATS SHALL BE INSTALLED AT A CL ELEV OF 5'-6" AFF W/ ORANGE LOCKING COVERS UNLESS OTHERWISE INDICATED REF FINISH SPECS OR CONFER W/ INT DESIGN CONSULTANT ON PROJECT.
- ALL WORK SHALL COMPLY W/ LOCAL CODES & REGULATIONS & NFPA 90A.

AIR BALANCE SCHEDULE		
MARK	EXHAUST	SUPPLY
EF-1	-2612	
EF-2	-2520	
EF-3	-2750	
EF-4	-600	
MUA-1		+6688
RTU#1		+1000
RTU# 2		+1000
F-1	-80	
F-1	-80	
NET. EXH.	-8642	---
NET SUPPLY	---	+8688
GROSS SPACE PRESSURE	+46	

OUTSIDE AIR CALCULATION AS PER FBC MECH. TABLE 403.3 AND ASHRAE 62.1:							
UNIT	AREA S.F. A <sub>z</sub>	VENT REQ. (CFM/P) R <sub>p</sub>	OCCUPANCY (P) P <sub>z</sub>	OUTDOOR (CFM/SF) R <sub>s</sub>	EXH. RATE (CFM/SF)	O/A REQ. (CFM)	O/A PROVIDED (CFM)
RTU #1 (Dining)	1487.50 S.F.	7.5	73	.18	---	815.25	900
RTU# 2 (Kitchen)	1279.50 S.F.	---	10	---	.70	895.65	900

DINING:  
 $V_{sz} = R_p P_z + R_s A_z$   
 $V_{sz} = (7.5)(73) + (.18)(1487.50) = 547.50 + 267.75 = 815.25$

KITCHEN:  
 $V_{sz} = A_z \times .70 = 1279.50 (.70) = 895.65$

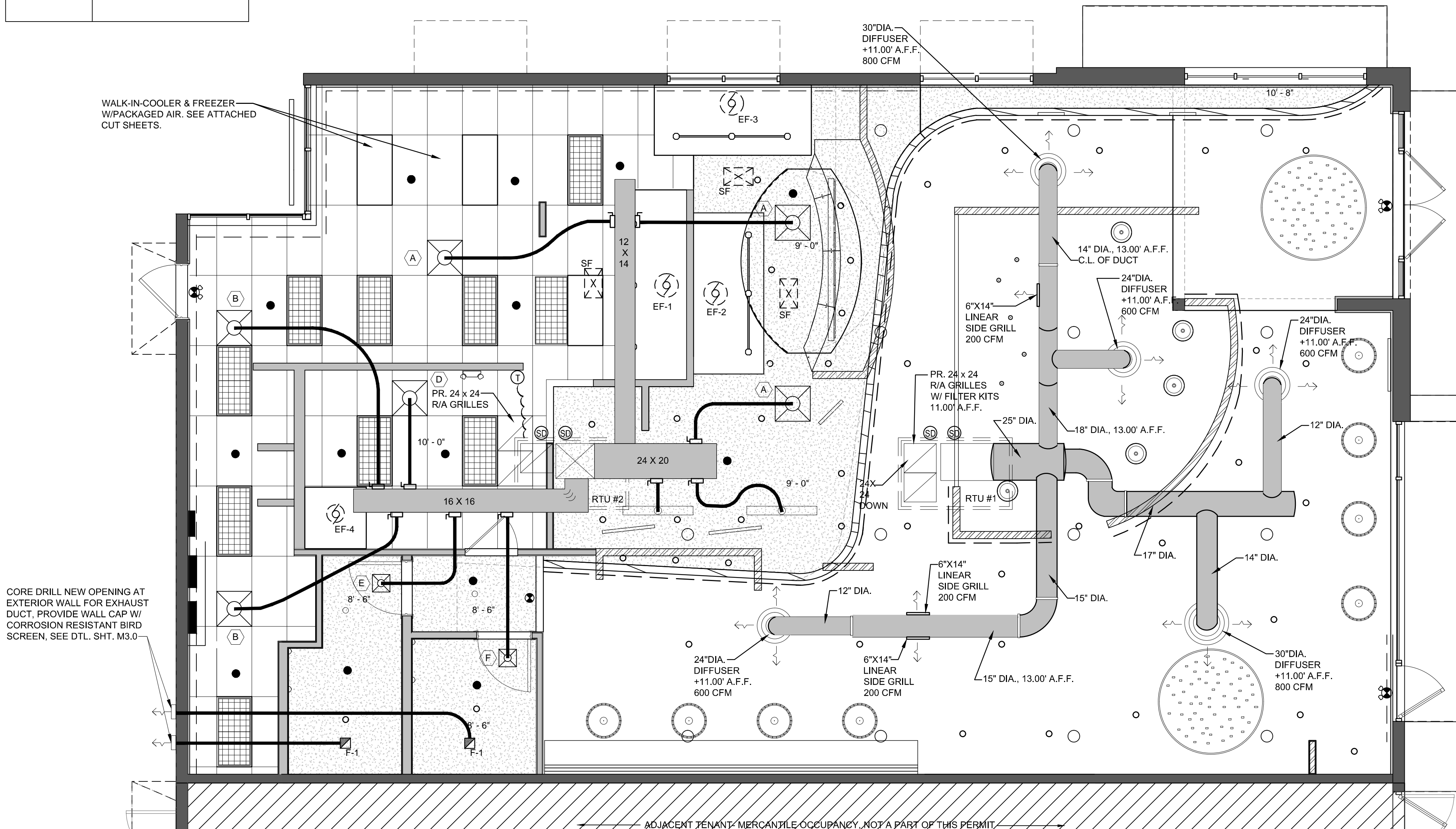
**OUTSIDE AIR NOTE:** PER FLORIDA ENERGY CODE SECTION 503.2.5.4, BOTH OUTDOOR AIR SUPPLY AND EXHAUST DUCTS SHALL BE EQUIPPED WITH DAMPERS THAT WILL AUTOMATICALLY SHUT WHEN THE SYSTEMS OR SPACE SERVED IS NOT IN USE. ANY/ALL NEW PENETRATIONS SHALL BE STUCCO PATCHED & PAINTED TO BE CONTIGUOUS W/ SURROUNDING SURFACES.

MINIMUM EQUIPMENT DISTANCE FROM ROOF EDGE 10.00'  
 NO MECHANICAL EQUIPMENT SHALL BE VISIBLE FROM STREET

ALL FANS (INCLUDING RTU FANS) SHALL RUN CONTINUOUSLY DURING STORE OPERATION HOURS.

SEE ATTACHED KITCHEN HOOD PLANS (BY OTHERS).


SEE MECHANICAL DETAILS, SHEET M3.0.



**1 MECHANICAL PLAN**  
 SCALE: 1/4" = 1'-0"

- PROVIDE PROGRAMMABLE THERMOSTATS THAT AUTOMATICALLY SHUT-DOWN DURING THE HOURS IN WHICH THE STORE IS CLOSED.
- AS PER 2010 FLORIDA ENERGY CONSERVATION CODE, RESTROOM EXHAUST DUCTS SHALL BE EQUIPPED W/ DAMPERS THAT WILL AUTOMATICALLY SHUT-OFF WHEN THE SYSTEMS OR SPACES SERVED ARE NOT IN USE.
- PROVIDE CONDENSATE OVERFLOW PROTECTION PER FMC 307.2.3. (1) FLOAT SWITCH MUST BE INSTALLED IN THE PRIMARY DRAIN PAN OF THE UNIT
- EXHAUSTS SHALL BE MIN +10'-0" FROM ANY NEW AND/OR EXIST OUTSIDE AIR INTAKE.
- CONDENSATE DISPOSAL OF ALL HVAC SYSTEMS SHALL BE DISPOSED OF IN ACCORDANCE TO FMC SECTION 307.2.3. CONDENSATE SHALL BE DRAINED TO GUTTER THAT LEADS TO STORM SEWER SYSTEM, NO CONDENSATE SHALL BE DIRECTED INTO ANY PAVEMENT.
- MIN 4" CLEARANCE REQ BETWEEN UNIT & WALL AS PER FBC CH.13, SEC. 610.1.ABC.3.0.3 & FMC 603.1.3

HVAC DESIGN REQUIRES:	YES	NO
DUCT SMOKE DETECTOR	✓	
FIRE DAMPER(S)		✓
SMOKE DAMPER(S)		✓
FIRE RATED ENCLOSURE		✓
FIRE RATED ROOF ASSEMBLY		✓
FIRE STOPPING		✓
SMOKE CONTROL		✓



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 License Number: 0012074

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**MMH**

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seal

project information:  
**Amaze Fast Food Restaurant**  
 3887 N.W. 107th Avenue, Suite 101  
 DORAL, FLORIDA

owners information:  
**BJCM Doral Properties**  
 PO Box 560683  
 Miami, FL 33256  
 Tenant: Luis Genestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project history:  
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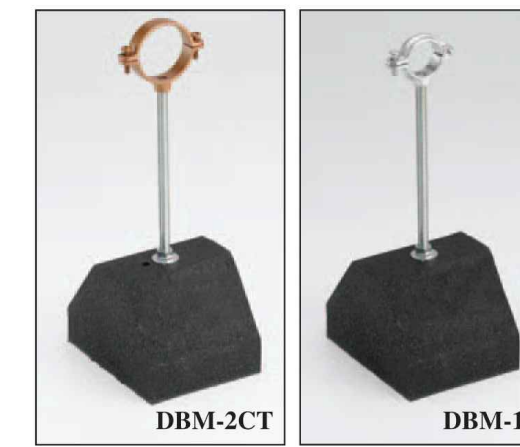
project information:  
 date: 08.16.2013  
 project number: 13-78F

sheet title:  
**mechanical plan, schedules and notes**

sheet number:  
**M1.0**  
 file:  
 m1.0-mech plan\_schedules\_& details.dwg

**DBM SERIES SUPPORT BASE WITH RISER ROD & CLAMP**

- Base with 3/8"-16 threaded rod and B3198H clamp - see chart for height, width and length
- 100% recycled rubber, UV resistant.
- Load Rating\* 50 lbs. (0.22kN) (Ultimate Load)\*
- Dura-Blok™ DBM-Series pipe/tubing support is designed for support of single piping systems where elevation adjustment is needed. The Dura-Blok is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.



MINIMUM EQUIPMENT DISTANCE FROM ROOF EDGE 10.00' UNLESS PROTECTED BY 42" HIGH PARAPET OR GUARD RAIL.

CONDENSATE DRAIN LINES SHALL BE SUPPORTED W/ "DURA-BLOCK" ROOF SUPPORT SYSTEM, SUBMIT SHOP DWG FOR EXACT BASE & CLAMP SYSTEM USED FOR ARCHITECT APPROVAL.

SEE MECHANICAL DETAILS, SHT. M3.0.

AS PER MECHANICAL CODE, SECTION 306.5 PERMANENT ROOF ACCESS IS REQUIRED WHEN ELEVATED STRUCTURES EXCEED 16.00' PERMANENT ROOF ACCESS LADDER WITH CAGE IS EXISTING AT NORTH SIDE OF BUILDING. SEE SP1.0 FOR EXISTING LOCATION APPROVED UNDER SHELL PERMIT.

CONDENSATE DISPOSAL OF ALL H.V.A.C. SYSTEMS SHALL BE DISPOSED OF IN ACCORDANCE TO F.B.C. MECHANICAL CODE SECTION 307.2.3. A.C. CONDENSATE SHALL BE DRAINED TO GUTTER THAT LEADS TO STORM SEWER SYSTEM. NO CONDENSATE SHALL BE DIRECTED INTO ANY PAVEMENT.

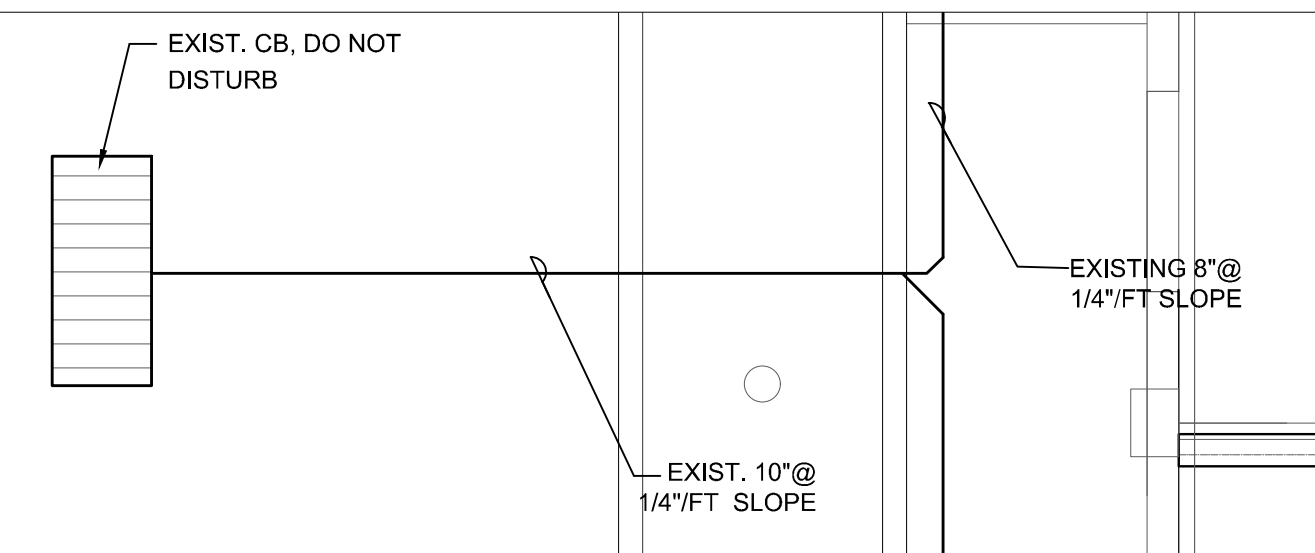
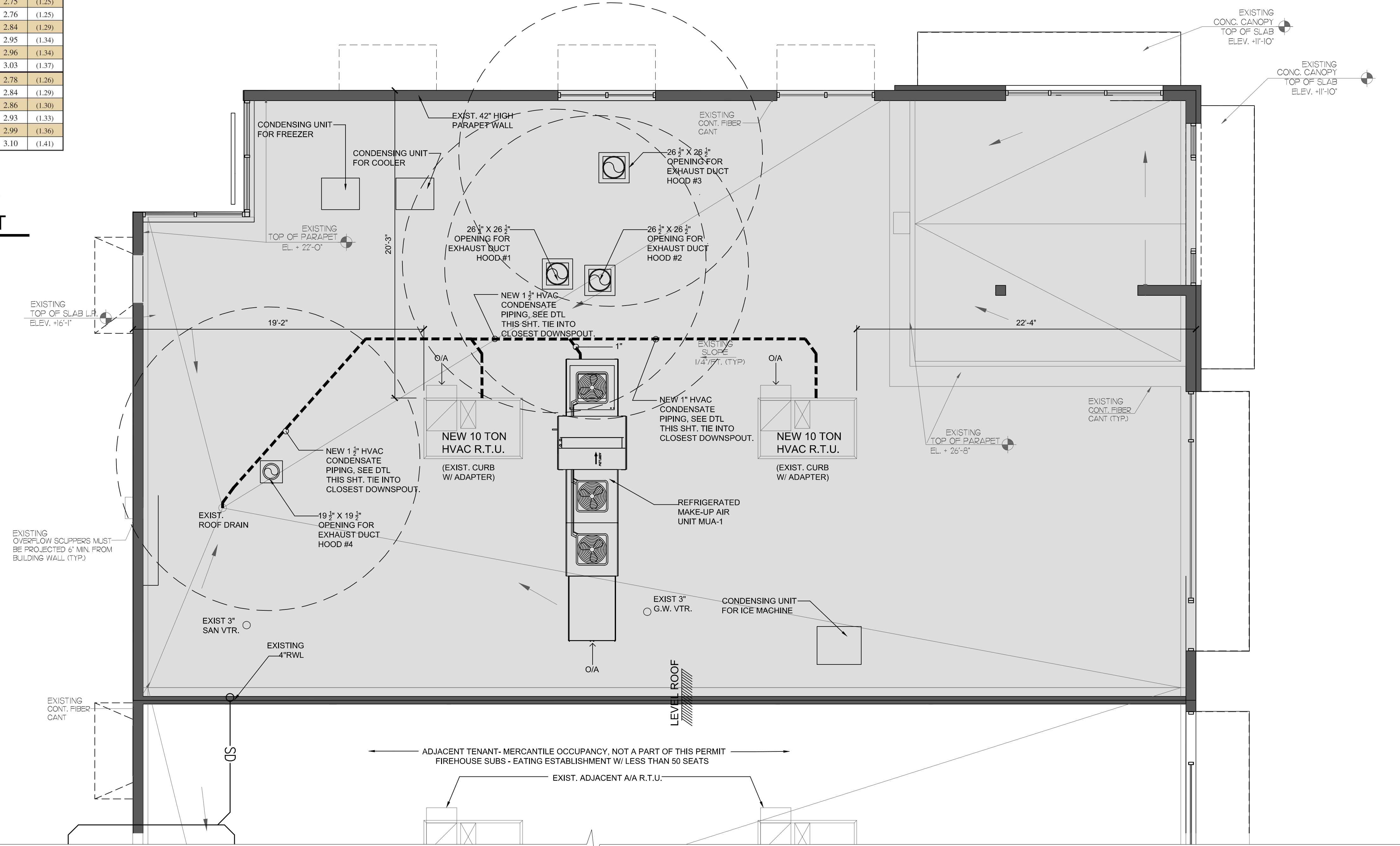
EXHAUST FAN SHALL BE MIN. 10'-0" FROM ANY OUTSIDE AIR INTAKE.

Part No.	Clamp Part No.†	Block-Height x Width x Length In. (mm)	Height** Min.-Max. In. (mm)	Wt./Each Lbs. (kg)
DBM-1/2CT	B3198HCT-1/2	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	9.69"-11.19" (246.1-284.2)	2.75 (1.25)
DBM-3/4CT	B3198HCT-3/4	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	9.84"-11.34" (249.9-288.0)	2.76 (1.25)
DBM-1CT	B3198HCT-1	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	9.95"-11.45" (252.7-290.8)	2.84 (1.29)
DBM-1 1/4CT	B3198HCT-1 1/4	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.13"-11.63" (257.3-295.4)	2.95 (1.34)
DBM-1 1/2CT	B3198HCT-1 1/2	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.28"-11.78" (261.1-299.2)	2.96 (1.34)
DBM-2CT	B3198HCT-2	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.53"-12.03" (267.4-305.5)	3.03 (1.37)
DBM-1/2	B3198H-1/2	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	9.86"-11.36" (250.4-288.5)	2.78 (1.26)
DBM-3/4	B3198H-3/4	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.06"-11.56" (255.5-293.6)	2.84 (1.29)
DBM-1	B3198H-1	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.14"-11.64" (257.5-295.6)	2.86 (1.30)
DBM-1 1/4	B3198H-1 1/4	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.25"-11.75" (260.3-298.4)	2.93 (1.33)
DBM-1 1/2	B3198H-1 1/2	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.42"-11.92" (264.6-302.7)	2.99 (1.36)
DBM-2	B3198H-2	4" x 6" x 4.8" (101.6 x 152.4 x 121.9)	10.66"-12.16" (270.7-308.8)	3.10 (1.41)

† See Pipe Hanger Catalog for dimensions and specifications. \*\* From bottom of rubber block to center of pipe/tubing.

\* General Note: Consult roofing manufacturer or engineer for roof load capacity. The weakest point may be the insulation board beneath the rubber membrane.

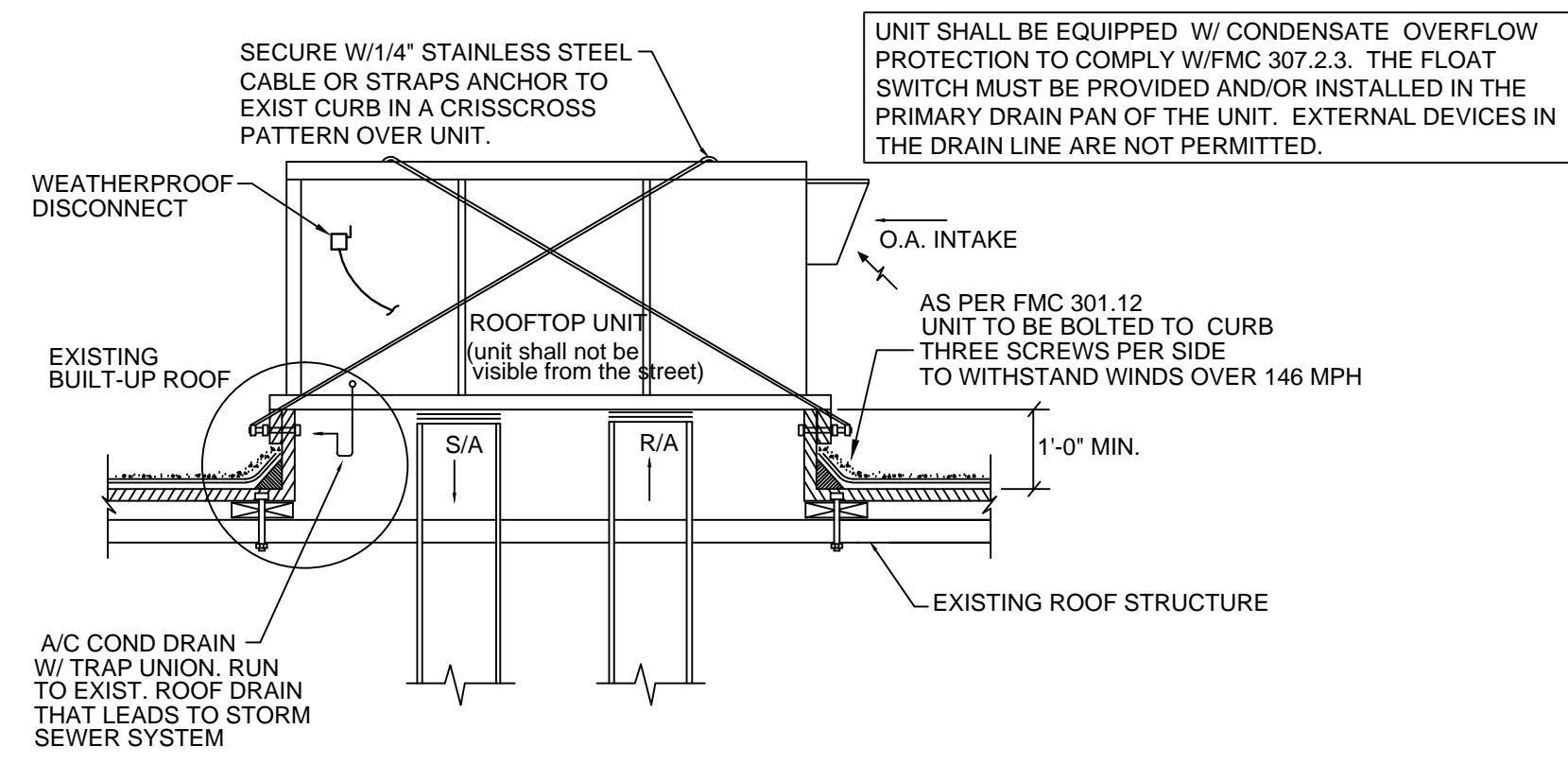
**2 CONDENSATE SUPPORT NOT TO SCALE**



**1 ROOF PLAN NOT TO SCALE**

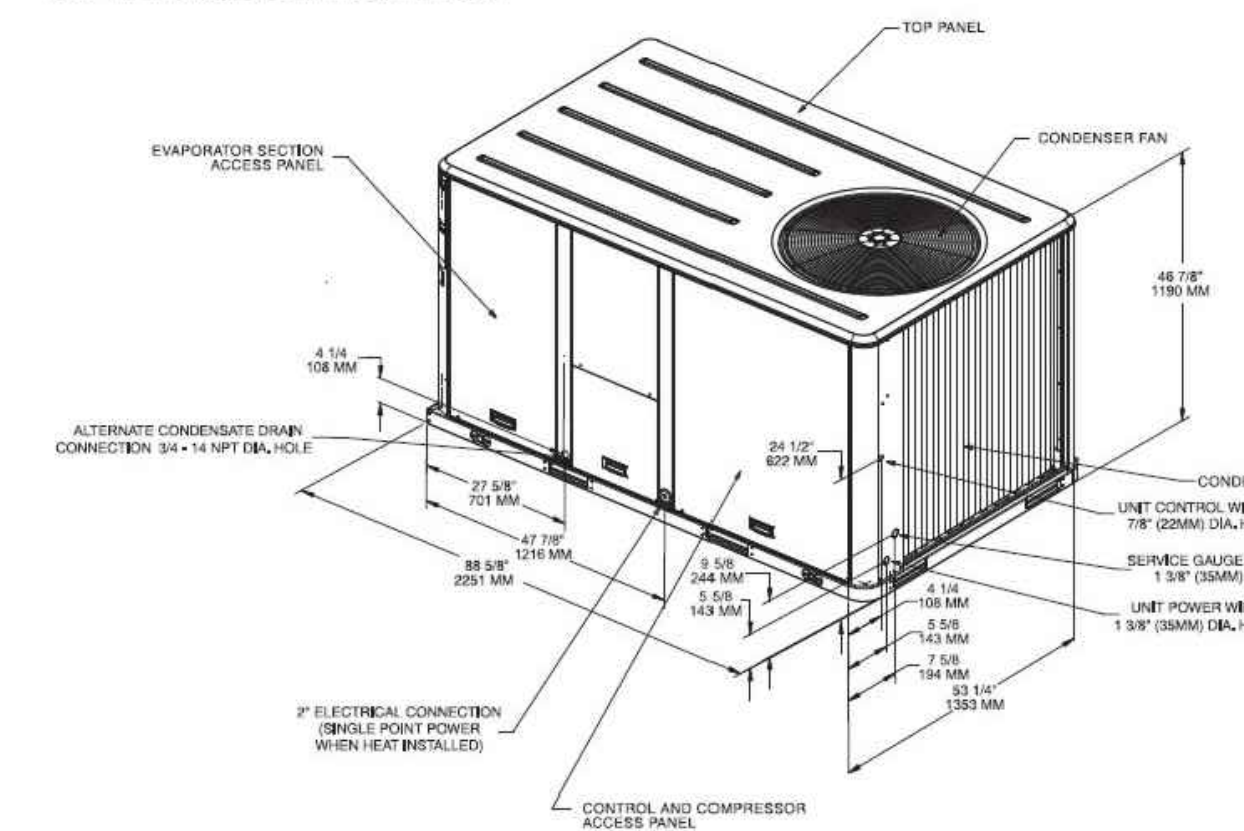
ADJACENT TENANT- MERCANTILE OCCUPANCY, NOT A PART OF THIS PERMIT  
FIREHOUSE SUBS - EATING ESTABLISHMENT W/ LESS THAN 50 SEATS  
EXIST. ADJACENT A/A R.T.U.



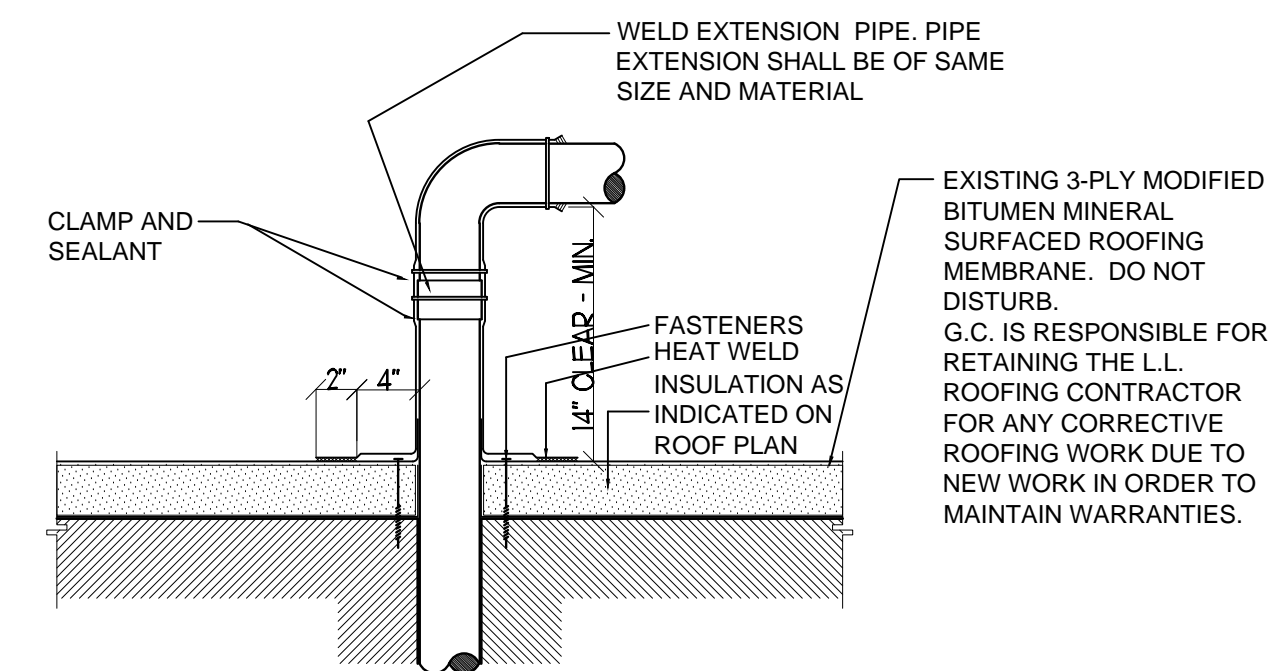


**8 ROOFTOP UNIT STRAPPING DETAIL**  
NOT TO SCALE

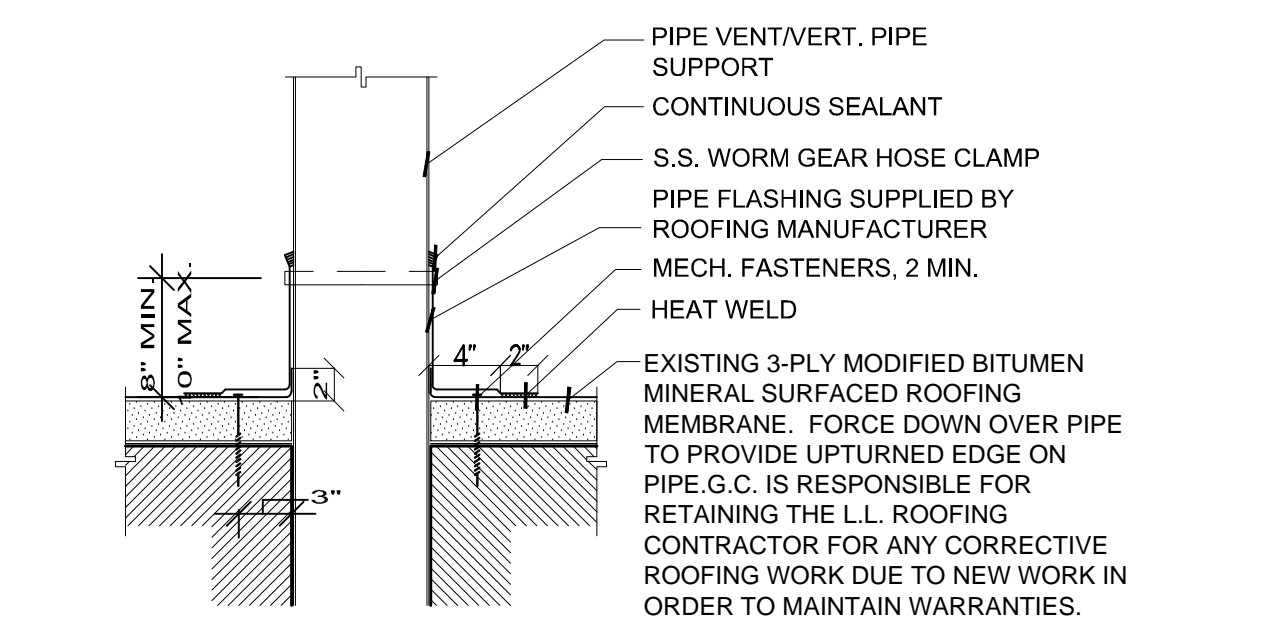
Figure 8. 7 1/2 ton (dual) - 10 ton standard efficiency, 6 & 7 1/2 (microchannel) ton high efficiency  
Note: All dimensions are in inches/millimeters.



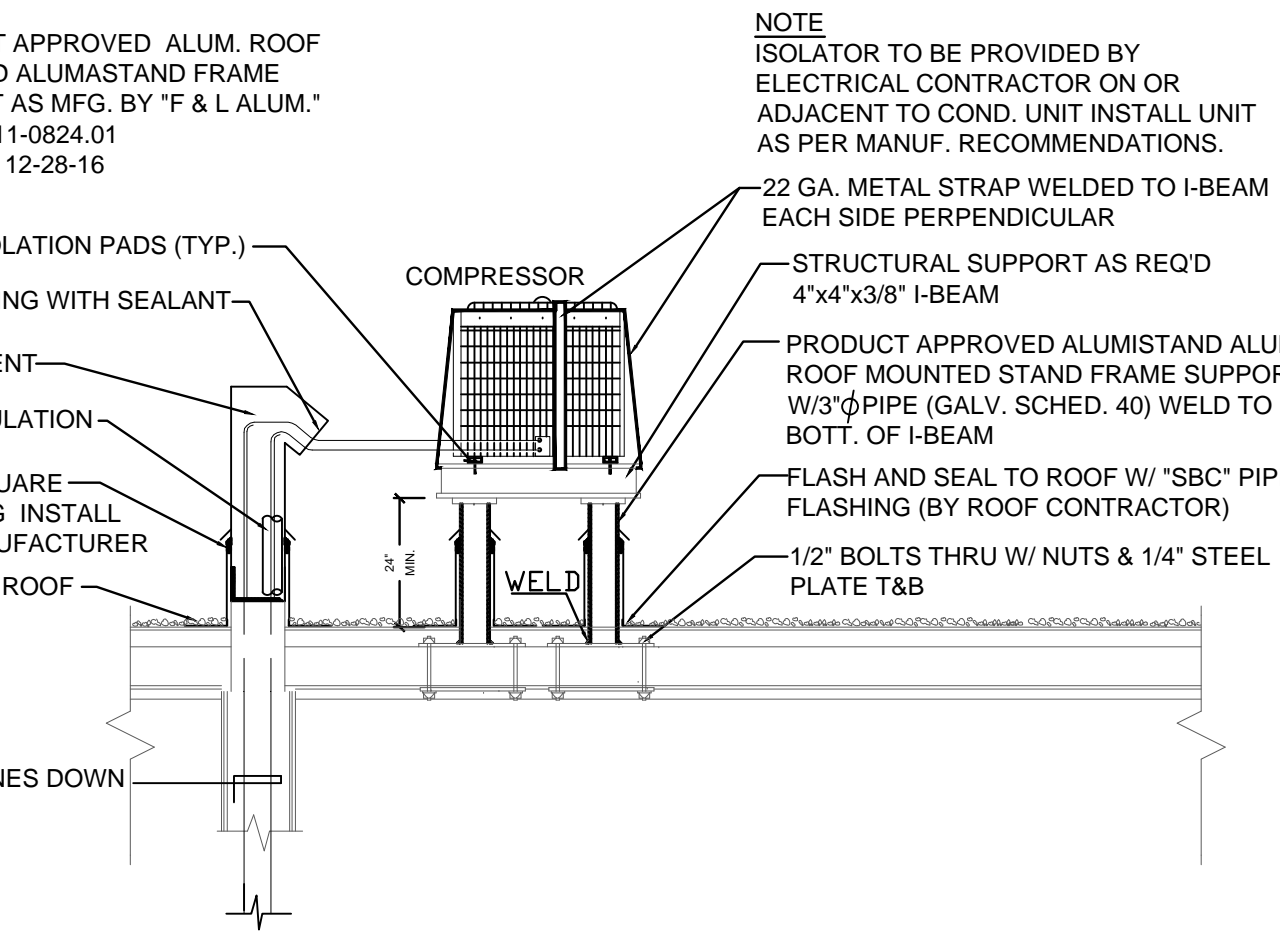
**6 ROOFTOP PENETRATION DTL.**  
NOT TO SCALE



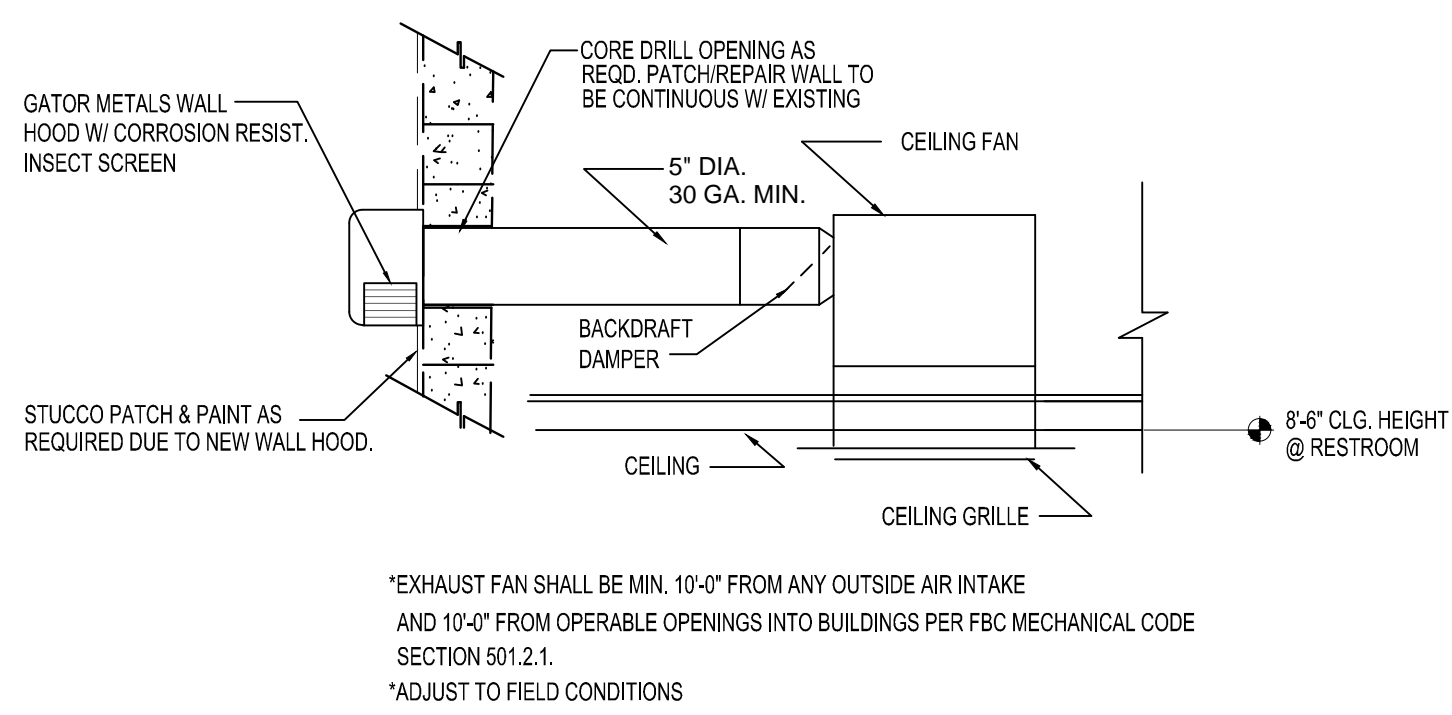
**5 ROOFTOP PENETRATION FLASHING DTL.**  
NOT TO SCALE



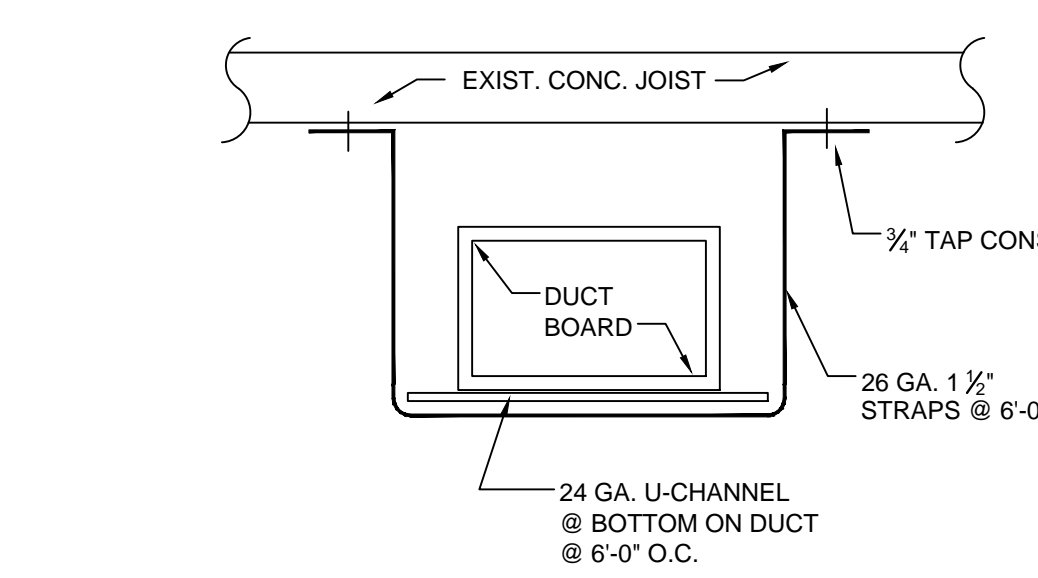
**4 STAND DETAIL FOR CONDENSING UNIT**  
NOT TO SCALE



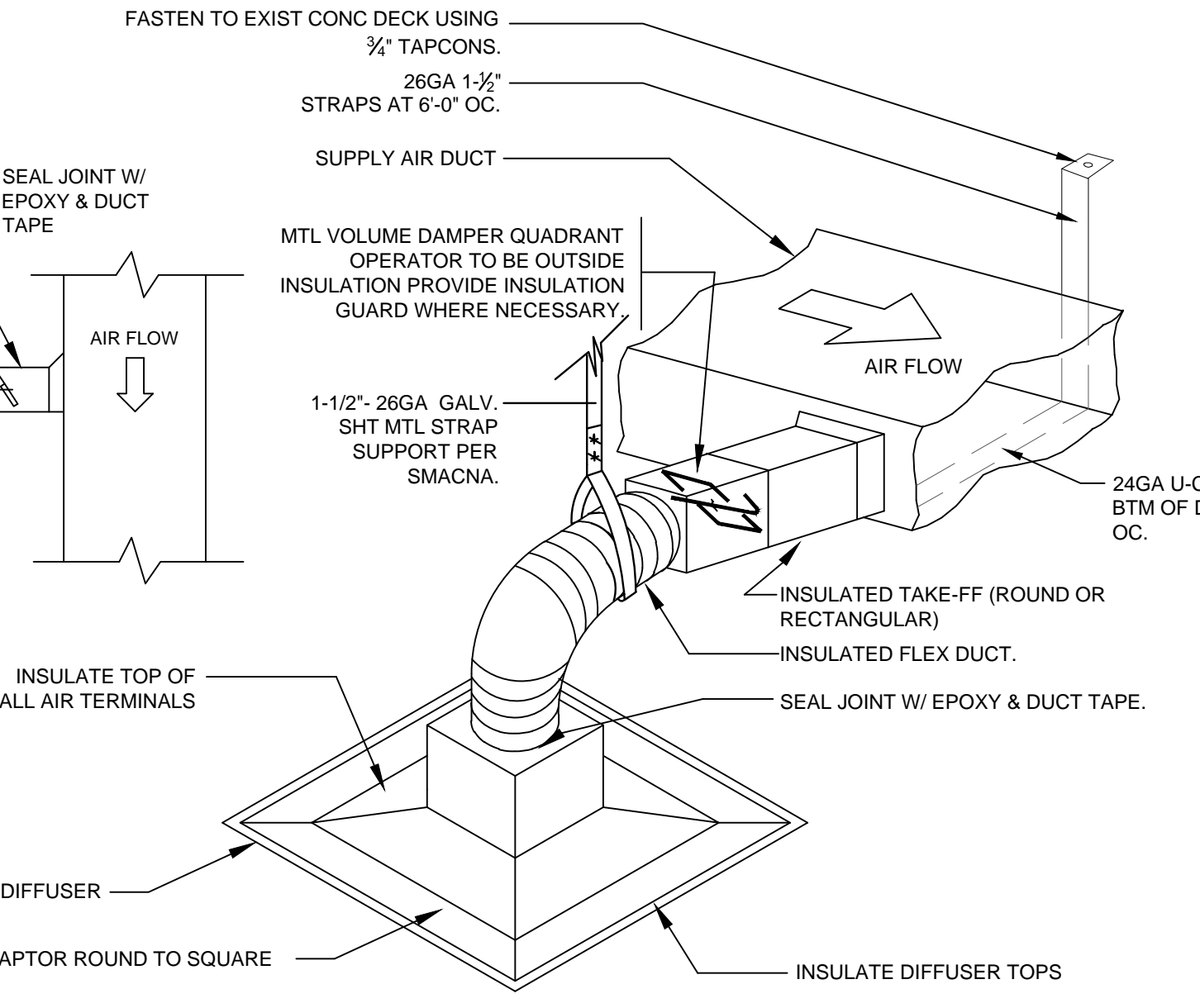
**3 EXHAUST FAN DTL.**  
NOT TO SCALE



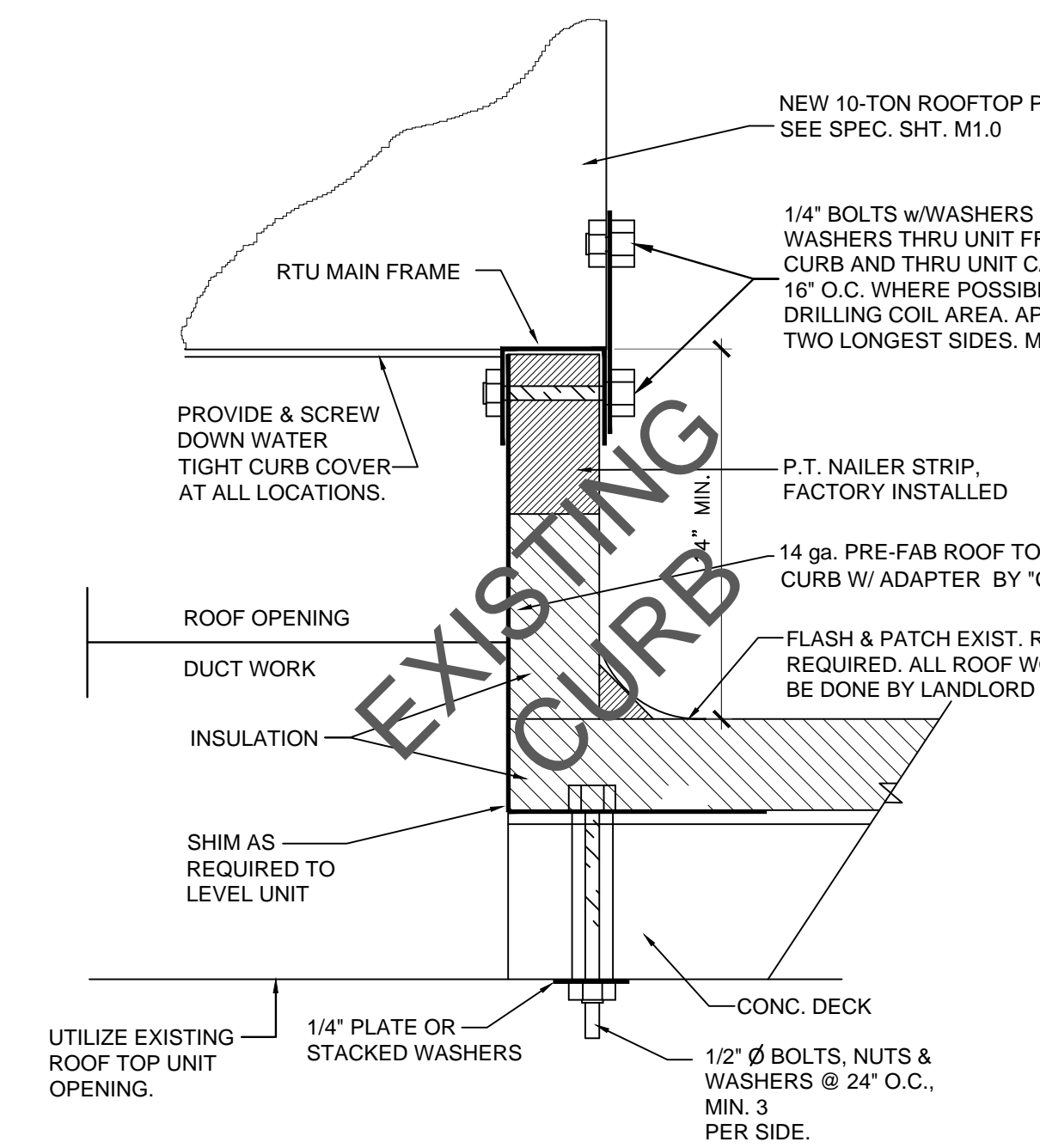
**2 DUCT HANGING DETAIL**  
NOT TO SCALE



**1 FLEX DUCT CONNECTION DETAIL**  
NOT TO SCALE



**7 EXISTING CURB DETAIL**  
NOT TO SCALE



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**3 EXHAUST FAN DTL.**  
NOT TO SCALE

project information:  
**Amaze Restaurant**  
3887 N.W. 107th Avenue, Suite 101  
DORAL, FLORIDA

property owners information:  
**BJCM Doral Properties**  
PO Box 560683  
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Tenant: Luis Genesira 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 588-6532

project history:  
▲  
▲  
▲

project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
**mechanical details**

sheet number:  
**M3.0**  
file:  
m3.0-mechanical details.dwg

TYPE: SIEMENS		EXISTING PANEL 'A' (AMAIZE HOUSE)										VOLTAGE: 120/208/3PH/3W								
LOCATION: EXISTING (INSIDE PREMISES)		300 AMP PNL.										MAINS: 300 A.								
MOUNTING: SURFACE												TYPE MAINS: M.L.O.								
												A.I.C. RATING: 20,000								
CIR. NO.	IDENTIFICATION	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	POLES	TRIP AMPS	WIRE #	COND	COND	WIRE #	POLES	TRIP AMPS	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	IDENTIFICATION	CIR. NO.			
1	TV OUTLETS	.54	—	—	1	20	12	1/2"	12	1/2"	1	20	.72	—	—	GEN. RECEP.	2			
3	TV OUTLETS	—	.54	—	1	20	12	1/2"	12	1/2"	1	20	—	.72	—	GEN. RECEP.	4			
5	SAT. RECEIVERS	—	—	.54	1	20	12	1/2"	12	1/2"	1	20	—	—	1.20	GRAB & GO	6			
7	SAT. RECEIVERS	.54	—	—	1	20	12	1/2"	12	1/2"	1	20	1.50	—	—	DISPLAY CASE	8			
9	BEVERAGE DISPENSER	—	1.20	—	1	20	12	1/2"	12	1/2"	1	20	—	2.60	—	INDUCTION RANGE	10			
11	ICE MACHINE	—	—	1.20	1	20	12	1/2"	12	1/2"	1	20	—	—	2.60	INDUCTION RANGE	12			
13	SODA MACHINE	1.00	—	—	1	20	12	1/2"	12	1/2"	1	20	.85	—	—	WARMING DRAWER	14			
15	U.C. REFRIG.	—	.60	—	1	20	12	1/2"	12	1/2"	1	20	—	.65	—	WARMING DRAWER	16			
17	DROP-IN PAN	—	—	.55	1	20	12	1/2"	12	1/2"	1	20	—	—	1.50	OVERSTRUCT. EXPO LINE	18			
19	BROILER	1.00	—	—	2	20	12	1/2"	12	1/2"	1	20	1.50	—	—	OVERSTRUCT. EXPO LINE	20			
21		—	1.00	—	—	20			1	10"	2		—	—	2.50	EXPO LINE	22			
23	HEATED SHELF	—	—	.40	1	20	12	1/2"	12	1/2"	30		—	—	2.50		24			
25	DECORATIVE LAMPS	.50	—	—	1	20	12	1/2"	12	1/2"	1	20	.75	—	—	LETTUCE CRISPER	26			
27	CONVEYOR	—	.85	—	1	20	12	1/2"	12	1/2"	1	20	—	1.60	—	TEA BREWER	28			
29	CONVEYOR	—	—	.85	1	20	12	1/2"	12	1/2"	1	20	—	—	1.00	REFRIGERATION	30			
31	BLAST CHILLER/FREEZER	1.90	—	—	1	20	12	1/2"	12	1/2"	3	2.00	—	—	—	—	32			
33	TILTING SKILLET	—	.50	—	1	20	12	1/2"	1 1/2"	8	3	2.00	—	—	—	ALTO SHAAM (KEY 40B)	34			
35	REACH-IN U.C. FRIDGE	—	—	1.00	1	20	12	1/2"	—	—	—	—	—	2.00	—	—	36			
37	SPARE	1.50	—	—	1	20	12	1/2"	—	—	—	12.82	—	—	—	PANEL 'B' SUB PANEL 150 AMPS	38			
39	REETHERMALIZER	—	4.50	—	2	40	8	1"	6	3/4"	3	100	—	—	12.82	—	40			
41		—	—	4.50	—	40	—	—	—	—	—	—	—	—	12.82	—	42			
SUB-TOTAL KVA		6.98	9.19	9.04								19.94	22.89	23.62		SUB-TOTAL KVA				
TOTAL		25.21													66.42			TOTAL		

EQUIPMENT GROUNDING PER NEC TABLE 250-122  
 \* HEAT & COMPRESSOR OPERATION IS NON-SIMULTANEOUS.  
 (1) TO BE CONTROLLED BY FUTURE TIME CLOCK (BY TENANT).

TOTAL CONNECTED LOAD = 91.63 KVA /360 = 254.53 AMPS

### 3 PANEL SCHEDULE "A"

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

TYPE: SIEMENS		NEW PANEL 'B' (SUB PANEL)										VOLTAGE: 120/208/1PH/3W								
LOCATION: NEW NEXT TO PANEL "A"												MAINS: 150 A.								
MOUNTING: FLUSH												TYPE MAINS: M.L.O.								
												A.I.C. RATING: 10,000								
CIR. NO.	IDENTIFICATION	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	POLES	TRIP AMPS	WIRE #	COND	COND	WIRE #	POLES	TRIP AMPS	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	IDENTIFICATION	CIR. NO.			
1	REFRIGERATOR	1.20	—	—	1	20	12	1/2"	1	10	3	1.70	—	—	—	DISHWASHING UNIT	2			
3	COFFEE MAKER	—	1.34	—	2	30	10	3/4"	—	—	—	—	1.70	—	—	—	4			
5		—	—	1.34	—	30	—	—	—	—	—	—	—	1.70	—	—	6			
7	REF. BACK BAR CABINET	1.20	—	—	1	20	12	1/2"	1/2"	12	1	20	1.40	—	—	MIXER	8			
9	WINE DISPENSER	—	.96	—	1	20	12	1/2"	1/2"	12	1	20	—	.50	—	SLICER	10			
11	OFFICE QUADS.	—	—	.72	1	20	12	1/2"	1/2"	12	1	20	—	—	1.70	VAC. PAC. MACH.	12			
13	BAG-IN-BOX	.50	—	—	1	20	12	1/2"	1/2"	12	1	20	1.00	—	—	SPARE	14			
15	CO2	—	.50	—	1	20	12	1/2"	1/2"	12	1	20	—	.25	—	COOLER/FREEZER LIGHTS	16			
17	ICE MACHINE	—	—	1.50	2	20	12	1/2"	1/2"	12	1	20	—	—	.90	HOOD LIGHTS	18			
19	50 GAL. A.O. SMITH	2.50	—	—	2	40	8	1"	1/2"	12	1	20	1.50	—	—	ANSUL SYSTEM	20			
21	WATER HEATER	—	2.50	—	—	40	—	—	1/2"	12	1	20	—	1.50	—	HOOD #4	22			
23	CAMERAS	—	—	.25	1	20	12	1/2"	1/2"	12	1	20	—	—	.50	SCENT AIR SYSTEM	24			
25	PHONE	.50	—	—	1	20	12	1/2"	1/2"	12	1	20	.50	—	—	POS W/ PRINTER	26			
27	EXT. SIGN	—	1.20	—	1	20	12	1/2"	1/2"	12	1	20	—	.50	—	POS W/ PRINTER	28			
29	EXT. SIGN	—	—	1.20	1	20	12	1/2"	1/2"	12	1	20	—	—	.50	HME WIRELESS SYSTEM	30			
31	AIR CURTAIN	—	1.00	—	2	20	12	1/2"	1/2"	12	1	20	.72	—	—	LED STRIP LIGHTS	32			
33		—	—	—	—	20	—	—	1/2"	12	1	20	—	.50	—	POS PRINTER	34			
35	POS/LED SCREEN	.50	—	—	1	20	12	1/2"	1/2"	12	1	20	—	—	.50	POS PRINTER	36			
37	POS/LED SCREEN	—	.50	—	1	20	12	1/2"	1/2"	12	1	20	.50	—	—	POS/LED SCREEN	38			
39	BLANK	—	—	—	—	—	—	—	1/2"	12	1	20	—	1.00	—	RESTROOM LIGHTS	40			
40	BLANK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	BLANK	42			
SUB-TOTAL KVA		6.40	8.00	5.01								7.32	5.95	5.80		SUB-TOTAL KVA				
TOTAL		19.41													19.07			TOTAL		

EQUIPMENT GROUNDING PER NEC TABLE 250-122  
 TOTAL CONNECTED LOAD = 38.48 KVA /360 = 106.89 AMPS

### 2 PANEL SCHEDULE "B"

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

PRIOR TO BID SUBMIT, IT IS THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT J-BOX, RECEPTACLES, OUTLET OR ANY CONNECTION REQUIREMENTS W/ "AMAIZE" PROJECT MANAGER, MICHAEL HOERNER, 214.455.3055.

RISER NOTE:  
 SEE SHT. E-4.0 FOR RISER AND EXISTING ELECTRICAL ROOM PLAN.

ELECTRICAL FLOOD NOTE:  
 ANY/ALL ELECTRICAL EQUIPMENT SHALL BE ABOVE FLOOD LEVEL.

WHEN ABANDONING ANY PREVIOUS OUTLETS & USE, REMOVE WIRE BACK TO SOURCE, BLANK CAP BOX.

SEE HOOD DRAWINGS FOR ELECTRICAL REQUIREMENTS.

ITEM NO.	QTY	DESCRIPTION	MFR	MODEL NO.	AMPS	KW	HP	VOLTS	CYCLE	PHASE	NEMA	AFF	Remarks
100.0	1	Refrigerated Grab & Go	Structural Concepts	HOU3852R	12.0			115	60	1	5-15P	39"	
101.0	1	Display Case	Beverage Air	VM7-1-B	8.0		5/16	115	60	1	5-15P	12"	
200.1	8	Induction Buffet	CookTek	B651-D	5	.65		100-120	50/60	1	5-15P	12"	
200.2	1	Drop-in Cold Food Pan	Amtecko	ADIRSCT7	4.5		1/2	115	60	1	5-15P	12"	
201.0	2	Warming Drawer, Free Standing	Alto-Shaam	500-20M	5.3	.64		120	60	1	5-15P	12"	5' cord
203.0	1	Reach-in Undercounter Refrigerator, 2 section	Amtecko	AESRD1L62	5.0		1/5	115	60	1	5-15P	12"	
300.0	1	Heated Shelf, Free-standing	Hatco	GRSSR-20	3.3	.4		120	60	1	5-15P	48"	
301.0	4	Decorative Lamp	Hatco	DL-500-CL	2.08	.25		120	60	1			JB IN CLG
302.0	1	Broiler	Nieco	JF632G	5.0			115	60	1	5-15P	36"	
304.0	1	Conveyor Oven	Lincoln	1180-2G	(2) 7.0	(2) 10.0		(2) 120	60	1	(2) 5-15P	48"	
306.0	1	Open Number	---	---	---	---	---	---	---	---	---	---	SEE SPECS
309.0	1	Reach-in Undercounter Refrigerator, 1 section	True	TUC-27	3.9		1/6	115	60	1	5-15P	12"	
313.0	1	Mixer, Planetary	Varimixer	W20A	12		1	115	60	1	5-15P	12"	
316.0	1	Electric Oven, Conveyor	Lincoln	V2501	27.0	6.0		208	60	1	6-50P	54"	
400.0	1	Rethermalizer, Water Tank, Electric	NWS	D96777300N	37.5	9.0		240	60	1	DIRECT	12"	
401.0	1	Tilting Skillet, Countertop, Gas	Southbend	GCTRS-16	2.0			120	60	1	5-15P	22"	cord & plug
403.0	1	Combi Oven	Alto-Shaam	6-10ESI/CT	27	12.0		208-240	60	3		48"	
404.0	1	Blast Chiller/Freezer	Alto-Shaam	QC-3	16	1.84	1/2	115	60	1	5-20P	12"	
406.0	1	Exhaust Hood Lights	Captivaire	HOOD	5.0			120	60	1			SEE SPECS
502.0	1	Refrigeration	NWS	D669-03-58	10.0			120	60	1	5-15P	12"	SEE SPECS
508.0	1	Open Number	---	---	---	---	---	---	---	---	---	---	SEE SPECS
600.0	1	Refrigeration	NWS	TBD	7.5	.863	1/3	115	60	1	5-15P	12"	SEE SPECS
600.0	1	Expo Line	NWS	TBD	24.0			208	60	1	DIRECT	28"	
600.1	1	Overstructure for Expo Line	Hatco	GRAH-18	3.0			120	60	1	Direct	28"	Undershelf
601.0	1	Lettuce Crisper	Glastender	LC	5.3	.6	1/4	120	60	1		92.5"	
603.0	1	Tea Brewer	Curtis	TCTS10000	13.8	1.65		120	60	1	5-15P	48"	
604.0	1	Coffee Brewer	Fetco	CBS-52H-15	22.4	4.6		120/208	60	1	Direct	28"	
605.0	1	Espresso Cappuccino Machine	Schaerer USA	15 SO DUO PS	30	9		208	60	1	L6-30P	28"	
607.0	1	Refrigerator, Undercounter	TRUE	TUC-27	3.9			115	60	1	5-15P	12"	
609.0	1	Wine Dispenser	Wine Keeper	WK-MON4SS	0.8			120	60	1	5-15P	48"	
610.0	1	Refrigerator, Undercounter	True	TBB-24GAL-48GSLD	7.6		1/3	115	60	1	5-15P	12"	
617.0	1	PEPSI MACHINE	CUSTOM	250	8.5			120	60	1	5-15P	48"	
618.0	1	Beverage Dispenser	Grindmaster	D35-3	9.1			115	60	1	Direct	60"	
620.0	1	ICE MACHINE	HOSHIZAKI	KM-830MLH	9.1			115	60	1	Direct	60"	
701.0	1	Dishwasher, Door Type	CMA Dishmachines	CMA-180TS	24	8.646		208	60	3	Direct	76"	
803.0	1	Slicer	Globe	G12	3		1/2	115	60	1	5-15P	48"	
804.0	1	Walk-In Cooler			4.5			120	60	1	Direct		SEE SPECS
					8.0			208	60	3	Direct		SEE SPECS
					12.0			120	60	1	Direct		SEE SPECS
					13.0			208	60	3	Direct		SEE SPECS
808.0	1	Vacuum Packaging Machine	Berkel	350	14.2		1-1/4	115	60	1	5-15P	12"	6' cord & plug
900.0	1	Air Curtain	Mars Air Systems	STD248-1UA-TS	20.0		1.0	115	60	1	Direct	106"	
903.0	1	ICE MACHINE	HOSHIZAKI	KM-515MAH	9.1			115	60	1	Direct	80"	
951.0	1	Bag N Box	Vendor	Custom				120	60	1	Direct		By Vendor

ELECTRICAL LEGEND	
⊙	120V, 1PH SINGLE RECEPTACLE
⊕	120V, 1PH DUPLEX RECEPTACLE
○	120V, 1PH DIRECT CONNECTION
⊠</	

**GENERAL NOTES**

- GENERAL CONTRACTOR TO VERIFY LEASE DIMENSIONS, EXISTING DIMENSIONS, EXISTING STRUCTURAL ELEMENTS, AND CEILING HEIGHT CLEARANCES, ETC. AND REPORT TO ARCHITECT ANY INCONSISTENCY PRIOR TO THE START OF CONSTRUCTION.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES INVOLVED IN THE CEILING WORK TO ENSURE THAT PROPER CLEARANCES FOR DUCTS, PIPING, ETC. ARE MET AND THAT THE CEILING HEIGHTS NOTED ON THE DRAWINGS ARE MAINTAINED.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY CONFLICT OF LIGHT FIXTURES, DUCTS, MAIN RUNNERS, STRUCTURES, ETC. PRIOR TO INSTALLATION.
- REFER TO MECHANICAL DRAWINGS FOR EXACT NUMBER, LOCATION AND TYPE OF SUPPLY/RETURN GRILLES AND EXHAUST FANS
- REFER TO ELECTRICAL DRAWINGS FOR LOCATION, QUANTITY AND TYPE OF POWER, SWITCHES AND LIFE SAFETY DEVICES.
- LIGHT FIXTURES TO BE INSTALLED INDEPENDENTLY OF THE SUSPENDED CEILING AND SHALL BE SUPPORTED WITHIN 6" OF EACH CORNER OF THE FIXTURE AS SPECIFIED IN ASTM D-636-76.
- G.C. IS RESPONSIBLE FOR ADJUSTING INSTALLED LIGHT FIXTURES PER OWNER DIRECTION.

TYPE: SIEMENS		CONDENSER PANEL (AMAIZE)										VOLTAGE: 277/480/3PH/4W						
LOCATION: ROOF TOP (WATER PROOF)												MAINS: 40 A.						
MOUNTING: STAND												TYPE MAINS: M.L.O.						
												A.I.C. RATING: 10,000						
CIR. NO.	IDENTIFICATION	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	POLES	TRIP AMPS	WIRE #	COND	COND	WIRE #	POLES	TRIP AMPS	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	IDENTIFICATION	CIR. NO.	
1	CONDENSER #1	1.40	—	—	3	—	—	—	—	—	—	—	1.40	—	—	CONDENSER #2	2	
3		—	1.40	—	—	12	1"	1/2"	12	—	—	—	—	1.40	—		4	
5		—	—	1.40	—	20	—	—	—	—	—	—	—	—	1.40		—	6
7	CONDENSER #3	1.40	—	—	3	—	—	—	—	—	—	—	1.40	—	—	LIGHTING	8	
9		—	1.40	—	—	12	1"	1"	12	—	—	—	—	1.40	—		10	
11		—	—	1.40	—	20	—	—	—	—	—	—	—	—	1.40		—	12
13	ROOF TOP GFI OUTLET	1.50	—	—	1	20	12	1/2"	—	—	—	—	—	—	—	BLANK	14	
SUB-TOTAL KVA/PH		4.30	2.80	2.80									2.80	2.80	2.80	SUB-TOTAL KVA/PH		
SUB-TOTAL		9.90													44.45			SUB-TOTAL

EQUIPMENT GROUNDING PER NEC TABLE 250-122

\* HEAT & COMPRESSOR OPERATION IS NON-SIMULTANEOUS.

(1) TO BE CONTROLLED BY FUTURE TIME CLOCK (BY TENANT).

$$\frac{A}{7.10} + \frac{B}{5.60} + \frac{C}{5.60} = 18.30 / 830 = 22.00 \text{ AMPS}$$

**3 PANEL SCHEDULE "CP"**

TYPE: SIEMENS		EXISTING PANEL "H"										VOLTAGE: 277/480/3PH/4W						
LOCATION: REAR WALL (INSIDE PREMISES)												MAINS: 200 A.						
MOUNTING: SURFACE												TYPE MAINS: M.L.O.						
												A.I.C. RATING: 65,000						
CIR. NO.	IDENTIFICATION	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	POLES	TRIP AMPS	WIRE #	COND	COND	WIRE #	POLES	TRIP AMPS	"A" K.V.A.	"B" K.V.A.	"C" K.V.A.	IDENTIFICATION	CIR. NO.	
1	LIGHTING/EM/EXIT	1.00	—	—	1	20	12	1/2"	1/2"	12	1	20	.60	—	—	LIGHTING	2	
3	LIGHTING/EM/EXIT	—	1.00	—	—	1	20	12	1/2"	1/2"	12	1	20	—	.75	—	LIGHTING	4
5	LIGHTING/EM/EXIT	—	—	1.12	—	1	20	12	1/2"	1/2"	12	1	20	—	.48	—	LIGHTING/EM/EXIT	6
7	LIGHTING	.75	—	—	—	1	20	12	1/2"	1/2"	12	1	20	1.12	—	—	LIGHTING	8
9	LIGHTING	—	.75	—	—	1	20	12	1/2"	1/2"	12	1	20	—	.50	—	RESTRM LIGHTS/FAN	10
11	LIGHTING (N.L.)	—	—	.32	—	1	20	12	1/2"	1/2"	12	1	20	—	.50	—	RESTRM LIGHTS/FAN	12
13	RTU-1 10 TON	3.20	—	—	—	3	—	—	—	—	—	—	3.20	—	—	RTU-2 10 TON	14	
15	10 KW	—	3.20	—	—	—	—	—	—	—	—	—	—	3.20	—	9 KW	16	
17	—	—	—	3.20	—	—	—	—	—	—	—	—	—	—	3.20	—	18	
19	BLANK	1.00	—	—	—	1	20	—	—	—	—	—	1.40	—	—	EXHAUST FAN HOOD #1	20	
21	BLANK	—	1.00	—	—	1	20	—	—	—	—	—	—	1.40	—	22		
23	BLANK	—	—	—	—	1	20	—	—	—	—	—	—	1.40	—	24		
25	WALK-IN FREEZER	1.50	—	—	—	2	—	—	—	—	—	—	1.40	—	—	EXHAUST FAN HOOD #2	26	
27	—	—	1.50	—	—	—	30	10	3/4"	1"	10	3	—	1.40	—	28		
29	BLOWER COIL	—	—	1.00	—	1	20	12	1/2"	—	—	—	—	1.40	—	30		
31	WALK-IN COOLER	1.50	—	—	—	2	—	—	—	—	—	—	1.40	—	—	32		
33	—	—	1.50	—	—	—	30	10	3/4"	1"	10	3	—	1.40	—	34		
35	BLOWER COIL	—	—	1.00	—	1	20	12	1/2"	—	—	—	—	1.40	—	36		
37	—	30.22	—	—	—	—	—	—	—	—	—	—	6.10	—	—	SUPPLY CONDENSER UNIT	38	
39	PANEL "A" 300 AMP	—	30.22	—	—	—	—	3/0	2"	8	2"	3	—	6.10	—	40		
41	—	—	30.22	—	—	—	—	—	—	—	—	—	—	6.10	—	42		
SUB-TOTAL KVA/PH		39.17	39.17	36.86									15.22	14.75	14.48	SUB-TOTAL KVA/PH		
SUB-TOTAL		132.03													44.45			SUB-TOTAL

EQUIPMENT GROUNDING PER NEC TABLE 250-122

\* HEAT & COMPRESSOR OPERATION IS NON-SIMULTANEOUS.

(1) TO BE CONTROLLED BY FUTURE TIME CLOCK (BY TENANT).

$$\frac{A}{54.39} + \frac{B}{53.92} + \frac{C}{51.34} = 159.65 / 830 = 192.35 \text{ AMPS}$$

**2 PANEL SCHEDULE "H"**

**RISER NOTE:**

SEE SHT. E-4.0 FOR RISER AND EXISTING ELECTRICAL ROOM PLAN.

**EMERGENCY/EXIT LIGHT NOTE:**

ANY/ALL EMERGENCY, NIGHT LIGHTS AND EXIT LIGHTS SHALL BE WIRED TO SAME CIRCUIT OF AREA BEING SERVED AHEAD OF SWITCH.

**LIGHTING U.L. NOTE:**

ANY/ALL LIGHTING SHALL BE U.L. TESTED AND SHALL BEAR THE U.L. LISTING #. (U.L. IS A NATIONALLY RECOGNIZED TESTING LABORATORY.)

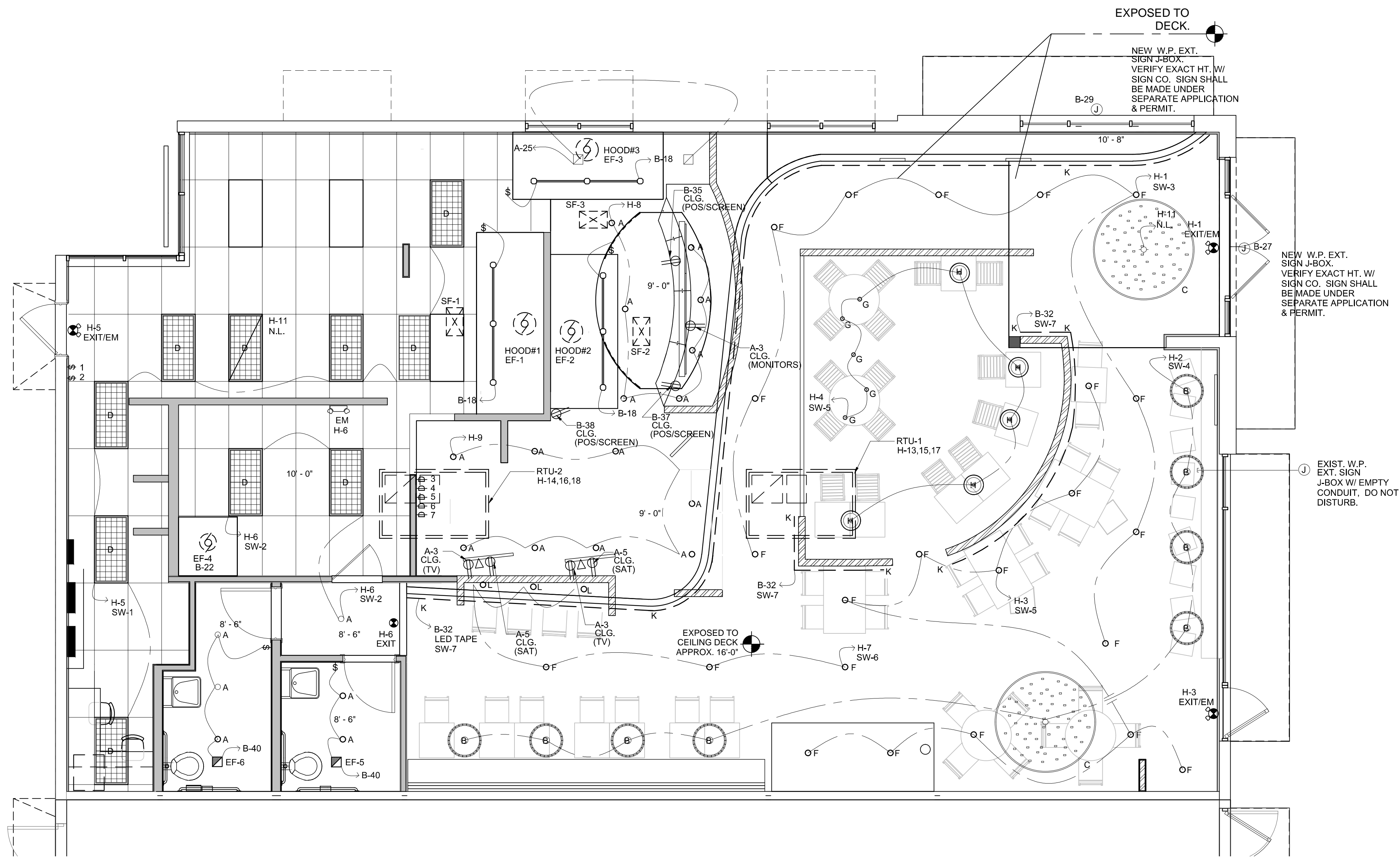
**SWITCH LEGEND:**

Item	Description
\$	SINGLE POLE SWITCH
⊕	DIMMER SWITCHES FOR DINING AREA. PROVIDE SURFACE ENCLOSURE WITH LOCKING COVER SIZED FOR DIMMERS AND VOLUME CONTROL.

**CEILING LEGEND:**

Item	Description
○ A	RECESSED DOWN LIGHT, REGRESSED TRIM "R2000V", 4", GYP. CEILING MOUNTED, 9'-0" A.F.F. W/ (1) MR16 35-50W INCANDESCENT LAMP AS MFG. BY CONTRAST LIGHTING.
○ B	CUSTOM PAINTED WOODEN BASKET FIXTURE W/ (2) INCANDESCENT LAMPS, 60W MAX. EA., LIGHT TO HANG AT VARIOUS HEIGHTS.
○ C	CUSTOM SIGNATURE FEATURE FIXTURE 6'-0" DIA. W/ PAINTED BURLAP COVERING ON 3/4" BENDABLE PLYWOOD, LIGHT TO HANG AT 10'-0" A.F.F.
□ D	U.L. LISTED 2'X4' LAY-IN LENSED FLUORESCENT FIXTURE W/ (3) 32W/48" T8 LAMPS (EM. BALLAST AS INDICATED ON PLAN)
○ F	"PROSPEC" CYLINDER MONO-POINT FIXTURE W/ PAR30 BULB, 75W MAX., POWDER COAT FINISH EITHER 26030WH(WHITE) OR 26030BL (BLACK) COLOR: TBD BY "AMAIZE"
○ G	"STUDIOJOTA" RUSTICA PENDANT LIGHT FIXTURE, 5" DIA. WOOD VENEER SHADE W/ BLACK CORD. (ENERGY SAVING LED BULB RECOMMENDED, NOT INCLUDED)
○ H	"THE MIQ" RETRO STEEL INDUSTRIAL PENDANT LIGHT FIXTURE, COLOR: GREY, 4" DIA., STEEL ACETYLENE TANK LID SHADE W/ (1) 60 W INCANDESCENT BULB (NOT INCLUDED)
— K	"TOKILUM" CONCEALED LED TAPE "LUM-50-1W"
□	2'X4' LAY-IN VINYL CLG. TILE. GRID: ARMSTRONG PRELUDE XL 1/2" COLOR: NATURAL ALUMINUM.
EXIT/EM	EXIT/EM COMBO, SINGLE FACE LED, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 1W (8LEDS X.125W) PER HEAD. (UL924 TESTED).
EXIT	EXIT, SINGLE FACE LED, SURFACE MTD. (MIN. 7'-0" A.F.F.)
EM	EM. LIGHT, 2 HEAD, SURFACE MTD. (MIN. 7'-0" A.F.F.) W/ 2 ADJUSTABLE 5.4W, GLARE FREE LAMP HEADS
☐	RESTROOM EXHAUST FAN, SEE SHT. M-1.0.
⊕	KITCHEN EXHAUST FAN, SEE HOOD DRAWINGS BY CAPTIVE-AIRE.
⊕	KITCHEN SUPPLY FAN, SEE HOOD DRAWINGS BY CAPTIVE-AIRE.

ALL LIGHT FIXTURES TO BE ENERGY EFFICIENT.



**1 ELECTRICAL CEILING PLAN**  
SCALE: 1/4" = 1'-0"



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**Amaze Restaurant**  
3887 N.W. 107th Avenue, Suite 101  
DORAL, FLORIDA

owners information:  
**BJCM Doral Properties**  
PO Box 560683  
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Tenant:Luis Genestra 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 568-6532

project history:  
▲  
▲  
▲

project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
**electrical clg. plan,  
legend, panel  
schedule & notes**

sheet number:  
**E2.0**  
file:  
e2.0-electrical\_clg\_plans.dwg

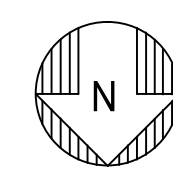
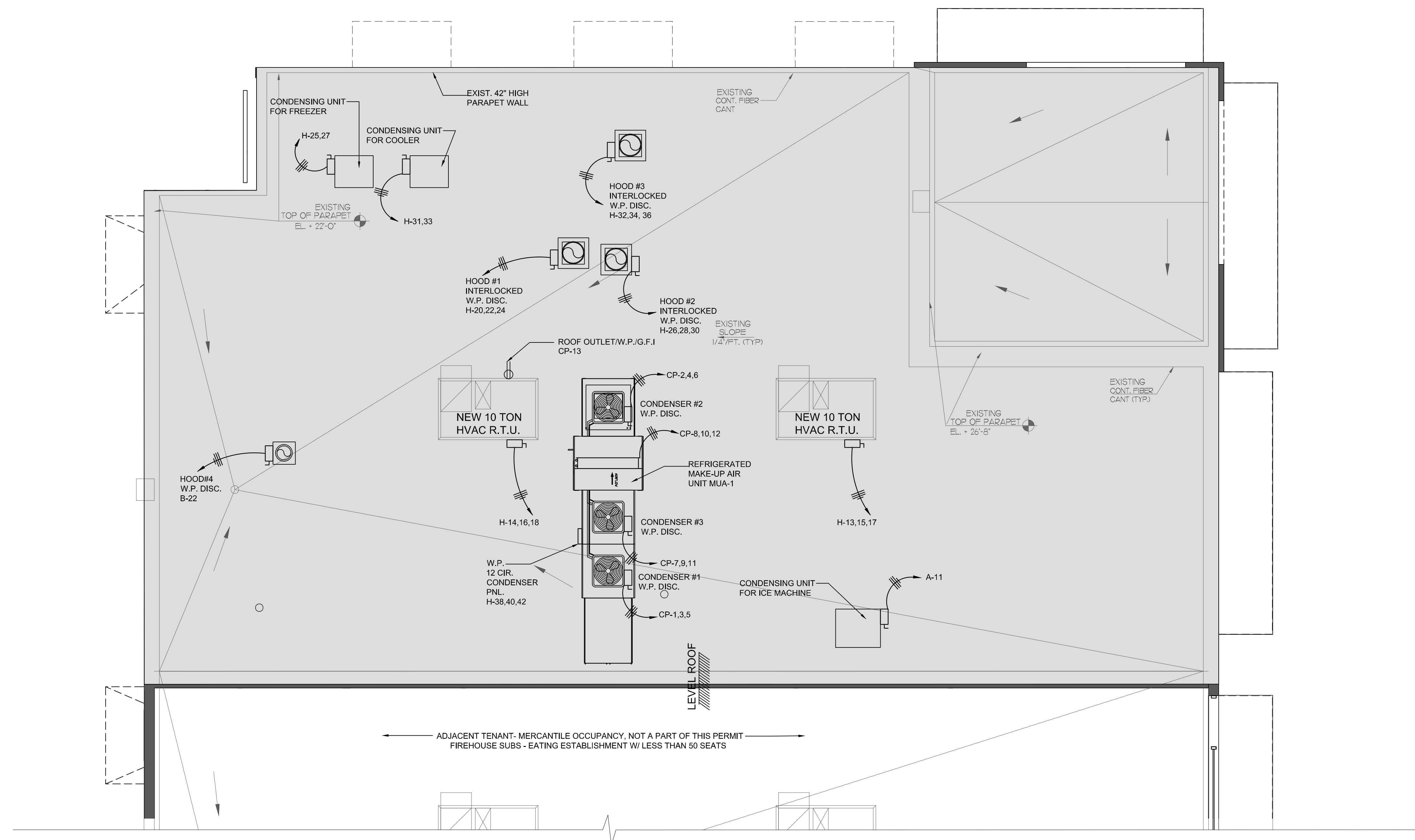


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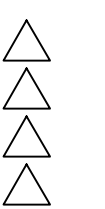
**1 ELECTRICAL ROOF PLAN**  
 NOT TO SCALE

project information:

**Amaze Restaurant**  
 3887 N.W. 107th Avenue, Suite 101  
 DORAL, FLORIDA

property owner's information:  
**BJCM Doral Properties**  
 PO Box 560683  
 Miami, FL 33256  
 Tenant: Luis Genesira 6401 Congress Avenue, Suite 240 Boca Raton, FL 33487 (305) 588-6532

project history:



project information:

date: 08.16.2013  
 project number: 13-78F

sheet title:

electrical roof plan

sheet number:

**E3.0**

file:  
 e3.0-electrical roof plan.dwg

## GENERAL NOTES

CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS UNDER WHICH HE IS TO PERFORM HIS WORK. NO ALLOWANCE WILL BE MADE FOR FAILURE TO COMPLY.

ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED NATIONAL ELECTRICAL CODE AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.

COORDINATE LOCATIONS AND ROUTING OF FEEDERS TO PANELBOARDS WITH LANDLORD AND PROVIDE ALL NECESSARY APPURTENANCES AS REQUIRED BY LANDLORD.

VERIFY EXACT LOCATION, MOUNTING HEIGHT AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PROVIDED BY OTHERS INCLUDING HVAC EQUIPMENT PRIOR TO ROUGH-IN AND PROVIDE ALL REQUIRED FUSIBLE SWITCHES, TRANSFORMERS, STARTERS NECESSARY FOR PROPER OPERATION OF EQUIPMENT.

DUPLEX RECEPTACLES MOUNTED WITHIN 6 FT. OF SINK OR LAVATORY SHALL BE GFCI.

PROVIDE ALL NECESSARY APPURTENANCES AS REQUIRED FOR PROVIDING TELEPHONE SERVICE.

ROOF PENETRATION TO ROOF TOP UNIT SHALL BE MADE WITHIN THE ROOF CURB OR THRU CURB TO THE UNIT PER LANDLORD'S DESIGN SPECIFICATIONS AND REQUIREMENTS.

ALL CASH REGISTER WIRING TO BE PULLED BY ELECTRICAL CONTRACTOR AND FINAL CONNECTION BY CONTRACTOR PER OWNERS REQUIREMENTS.

ALL CONDUCTORS SHALL BE COLOR CODED AS REQUIRED PER LOCAL CODES AND JURISDICTION.

REFER TO LANDLORD'S DESIGN SPECIFICATION FOR ADDITIONAL REQUIREMENTS AND INFORMATION.

LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS AND OTHER ENVIRONMENTAL CONTROLS SHALL HAVE OPERABLE PARTS OF THE CONTROLS LOCATED NO HIGHER THAN 48" AND NO LOWER THAN 15" ABOVE THE FLOOR PER ADA REQUIREMENTS. RESOLVE ANY CONFLICT IN MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

CABLES TYPE BX, AC OR NWC ARE NOT ACCEPTABLE.

ALL GROUND WIRES SHALL BE CONNECTED TO THE BUILDING GROUNDING SYSTEM PER LANDLORD'S SPECIFICATIONS AND LOCAL JURISDICTION.

CONTRACTOR SHALL DEDICATE A 120V, 20A CIRCUIT TO EACH COMPUTER DATA AND CASH REGISTER (P.O.S.) POWER OUTLET.

CONDUIT FITTING CONNECTIONS SHALL BE IN ACCORDANCE WITH LANDLORD'S SPECIFICATIONS AND LOCAL JURISDICTION.

CONTRACTOR SHALL PROVIDE FIRE ALARM DEVICES PER ADA AND LOCAL JURISDICTION.

ALL EQUIPMENT SPECIFIED IS NEW UNLESS NOTED OTHERWISE.

WHERE THE WORD "PROVIDE" IS USED, THE WORK IS UNDERSTOOD TO MEAN "THE ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL, AND MAKE FINAL CONNECTION TO THE EQUIPMENT" UNLESS OTHERWISE NOTED.

REFER TO ELECTRICAL, ARCHITECTURAL & KITCHEN PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

ALL EQUIPMENT USED SHALL BE U.L. LISTED, LABELED AND INSTALLED BY A RECOGNIZED ELECTRICAL TESTING AGENCY.

WHERE A GROUND WIRE IS NOT SPECIFIED, CONDUIT AND ITS CONNECTORS SHALL BE U.L. APPROVED FOR USE AS GROUNDING CONDUCTORS.

WIRE AND CABLES SHALL BE COPPER, 80 VOLT RATED INSULATION, TYPE THHN/TW/IN. CONDUCTORS SIZE BASED ON TEMPERATURE RATING OF 75 DEGREES. WIRE SHALL BE SOLID FOR #12 AND SMALLER AND STRANDED FOR SIZE #10 AND LARGER.

GROUNDING CONDUCTOR SHALL BE SUPPLIED FOR ALL FLEXIBLE METAL CONDUITS OVER 20 AMPS.

GROUNDING CONDUCTORS SMALLER THAN #8 SHALL BE RIGID METAL CONDUIT, INTERMEDIATE METAL CONDUIT, RIGID NON-METAL CONDUIT, ELECTRICAL METALLIC TUBING OR CABLE ARMOR.

SERIES RATINGS SCHEDULES SHALL BE PERMANENTLY INSTALLED AT THE FACTORY FOR EACH PANEL USED IN SERIES. THE MARKING SHALL BE LOCATED AT THE MAIN AND ALL PANELS ASSOCIATED.

## UTILITIES CONTACT

CONTRACTORS SHALL VERIFY ALL REQUIREMENTS AND POINTS OF CONNECTION WITH UTILITIES AND LANDLORD. MAKE ARRANGEMENTS FOR SERVICE ENTRANCE. PER LANDLORD'S WORK LETTER, LANDLORD WILL PAY REQUIRED FEE AND PROVIDE ALL APPURTENANCES AS REQUIRED BY THE UTILITY COMPANY AND LANDLORD FOR PROVIDING NEW SERVICES AND ANY RELATED SERVICE TO THE PROJECT. CONTRACTOR SHALL CONTACT THE UTILITY AND LANDLORD AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF NEW SERVICE.

## UTILITIES GENERAL NOTES

COORDINATE ALL SERVICE REQUIREMENTS AND POINTS OF CONNECTION WITH COMPANIES AND LANDLORD. INCLUDE ALL WORK REQUIRED IN BID.

UTILITIES INFORMATION ARE APPROXIMATELY SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND SITE CONDITIONS PRIOR TO BID CONSTRUCTION.

ELECTRICAL CONTRACTOR SHALL PAY FOR ALL EXPENSES TO RELOCATE/REMOVE EXISTING UTILITIES BUT ARE NOT LIMITED TO POWER, TELEPHONE, ETC. PER UTILITY COMPANIES & LANDLORD'S SPECIFICATIONS AND REQUIREMENTS.

## KITCHEN HOOD FIRE SUPPRESSION NOTES

CONTRACTOR SHALL PROVIDE ALL POWER, CONTROLS AND APPURTENANCES AS REQUIRED TO COMPLETE THE HOOD FIRE SUPPRESSION SYSTEM SUCH THAT WHEN ANSUL SYSTEM IS ACTIVATED, ALL ELECTRICAL EQUIPMENT UNDER KITCHEN HOOD WILL BE SHUT TRIP AND THE GAS SOLENOID VALVE UNDER THE KITCHEN HOOD WILL BE SHUT OFF EXCEPT PER LOCAL AUTHORITIES. CONTRACTOR SHALL COORDINATE INSTALLATION WITH ANSUL SYSTEM SUPPLIER AND OWNER AND PAY FOR ALL RELATED EXPENSES TO COMPLETE THE SYSTEM AS REQUIRED PER ANSUL SYSTEM SPECIFICATIONS AND LOCAL JURISDICTION.

CONTRACTOR SHALL PROVIDE RESET BUTTON PER ANSUL SYSTEM MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONTRACTOR SHALL PROVIDE REMOTE FIRE PULL PER KITCHEN EQUIPMENT SUPPLIER/CONTRACTOR AND SHALL VERIFY EXACT LOCATION AND REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER.

## KITCHEN EQUIPMENT ELECTRICAL NOTES

ALL DIMENSIONS GIVEN ARE FROM COLUMN CENTERLINE AND/OR FINISHED WALLS. ELEVATIONS GIVEN ARE FROM FINISHED FLOOR TO CENTERLINE OF OUTLET. ALL OUTLETS ARE TO BE SET HORIZONTALLY ALL 120V OUTLETS NOT DESIGNATED WITH SPECIFIC LOADS, TO BE RATED AT 20 AMPS WITH MINIMUM LOOPING.

ALL ROUGH-INS SHOWN ARE TO BE INSIDE WALLS, (EXCEPT STUB-UPS). LOCATIONS INDICATED POINT OF EXIT FROM WALLS, CEILING OR FLOOR.

ELECTRICAL TO BRANCH TO CONNECTION WHERE REQUIRED AND TO CONNECT ALL ELECTRICAL EQUIPMENT AND FIXTURES AND DO ANY INTERNAL WIRING REQUIRED THE FIXTURES FOLLOWING INTERNAL WIRING TO APPLIANCES AS REQUIRED BY THE KITCHEN EQUIPMENT SPECIFICATIONS AND/OR DRAWINGS.

ALL RECEPTACLES IN BOH AND BAR AREAS SHALL BE WHITE WITH STAINLESS STEEL COVERPLATE. ALL RECEPTACLES IN FOH SHALL BE BROWN WITH BROWN COVERPLATE, BELOW THE CHAIR RAIL. RECEPTACLES COVER PLATES AT ALL OTHER LOCATIONS ARE TO MATCH THE WALL COLOR AND TO BE COORDINATED WITH THE OWNER PRIOR TO INSTALLATION. CONTRACTOR SHALL VERIFY WITH OWNER ON FACE PLATE SPECIFICATIONS IN OTHER AREAS WITHIN THE BUILDING. ALL MAIN BREAKER PANELS AND DISCONNECT SWITCHES REQUIRE BY OTHER ELECTRICAL DRAWINGS ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AT TIME OF INSTALLATION.

IF ELECTRICAL COOKING EQUIPMENT IS SPECIFIED ELECTRICAL CONTRACTOR TO PROVIDE TIE-IN WIRING BETWEEN FIRE PROTECTION BOTTLE CONTROL HEAD, MICRO-SWITCH AND COOKING EQUIPMENT TO COMPLY WITH APPLICABLE LOCAL CODE REQUIREMENTS FOR EMERGENCY SHUTDOWN OF ENTIRE COOKLINE. SHUNT TRIP CIRCUITRY MAY BE REQUIRED.

UNLESS OTHERWISE INDICATED THE ELECTRICAL LOADS SPECIFIED ARE THE CONNECTED LOADS. FUSE OR CIRCUIT BREAKER SIZE TO BE DETERMINED ACCORDINGLY, BASED UPON APPLICABLE CODE REQUIREMENTS. OMISSIONS OR ERRORS IN THE SCHEDULE DO NOT RELIEVE ELECTRICAL CONTRACTOR FROM COMPLETE AND CORRECT FINAL CONNECTION RESPONSIBILITY. REVIEW OF EQUIPMENT BROCHURE BOOK AND SHOP DRAWINGS WILL ASSURE CORRECTNESS OF THIS WORK.

ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL SWITCHES STARTERS, DISCONNECTS, ETC. FOR ALL EQUIPMENT UNLESS NOTED OTHERWISE ALL DISCONNECTS OR LOCK-OUT DEVICES, STARTERS, ETC. TO MEET N.E.C. AND O.S.N.A. STANDARDS.

PROVIDE LOCAL MEANS OF DISCONNECT FOR EACH EQUIPMENT AS REQUIRED BY LOCAL JURISDICTION.

ALL RECEPTACLES SHALL BE GROUNDED PER N.E.C. AND O.S.N.A. AND TO HAVE NO GROUND FAULT PROTECTION, EXCEPT WHEN OUTLET OCCURS WITHIN 6" OF A SINK.

ELECTRICAL CONTRACTOR TO PROVIDE CONTROL WIRING AND ELECTRICAL SERVICE FOR REMOTE REFRIGERATION SYSTEMS FOR WALK-IN BOXES, ALSO COORDINATE LOCATION FOR SERVICE WITH THE OWNER.

ELECTRICAL CONTRACTOR TO PROVIDE WRAP AROUND HEATER CABLE ON ALL EVAPORATOR DRAIN LINES IN WALK-IN FREEZERS.

ELECTRICAL CONTRACTOR TO INSTALL ALL LIGHTS IN WALK-IN COOLER/FREEZER AS REQUIRED THRU DOOR SWITCH.

ALL WORK, RELATING TO THE INSTALLATION & HOOKUP OF THE SPECIFIED EQUIPMENT IS TO BE PERFORMED IN FULL ACCORDANCE WITH APPLICABLE CITY, COUNTY, LOCAL, STATE & FEDERAL CODES AND ALL OTHER GOVERNMENTAL REGULATORY REQUIREMENTS.

ELECTRICAL CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ALL ELECTRICAL COMPONENTS NECESSARY TO PROVIDE SERVICE TO LOCATIONS & EQUIPMENT SHOWN ON THE SHEET UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR IS ALSO RESPONSIBLE FOR MAKING FINAL CONNECTIONS TO EQUIPMENT AND FITTINGS SUPPLIED AND INSTALLED BY K.E.C.

PROVIDE FUSES TO DISCONNECT WITH SIZE PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

VERIFY EXACT ROUGH-IN DIMENSIONS WITH PLUMBING & KITCHEN DRAWINGS PRIOR TO ROUGH-IN.

CONTRACTOR SHALL BE RESPONSIBLE TO REQUEST AND RECEIVE WIRING DIAGRAMS FROM THE KITCHEN EQUIPMENT SUPPLIER/CONTRACTOR TO DETERMINE THE NECESSARY WIRING TO ITEMS RELATING TO TEMPERATURE CONTROLS, LIQUID LINE SOLENOID VALVES AND DEFROST TIME CLOCKS.

CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE HARD WIRED FINAL CONNECTIONS FOR CERTAIN ELECTRICAL FOOD SERVICE EQUIPMENT. CONTRACTOR SHALL PROVIDE REQUIRED 3/4" PLUG AND 6 FEET CORD WHERE HARD WIRED CONNECTIONS ARE NOT NECESSARY. VERIFY EXACT REQUIREMENTS WITH KITCHEN SUPPLIER/CONTRACTOR.

CONTRACTOR SHALL VERIFY EXACT LOCATION OF EACH KITCHEN EQUIPMENT WITH KITCHEN EQUIPMENT SUPPLIER/OWNER PRIOR TO ROUGH-IN.

ELECTRICAL CONTRACTOR SHALL VERIFY EXACT POWER REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN PROVIDE ALL APPURTENANCES AS REQUIRED AND PROVIDE APPROPRIATE NEMA CONFIGURATION OF EACH OUTLET TO MATCH POWER CORD SET.

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRINGS AND CONDUITS PER KITCHEN EQUIPMENT DRAWINGS & SPECIFICATIONS & SHALL COORDINATE INSTALLATION WITH OTHER TRADES AND EQUIPMENT SUPPLIER.

THE ENTIRE REFRIGERATION SYSTEM SHALL BE WIRED AND CONNECTED BY ELECTRICAL CONTRACTOR PER KITCHEN DRAWINGS AND KITCHEN EQUIPMENT SPECIFICATIONS.

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER AND CONTROL CORD SET PER KITCHEN EQUIPMENT DRAWINGS AND KITCHEN EQUIPMENT SPECIFICATIONS.

CONTRACTOR SHALL PROVIDE WIRING, OVERCURRENT PROTECTION DEVICES PER LOCAL JURISDICTION AND BASED ON EQUIPMENT NAMEPLATE ELECTRICAL RATING AND CHARACTERISTICS.

CONTRACTOR SHALL INSTALL OTHER FURNISHED WALK-IN COOLER AND FREEZER LIGHTING PER SUPPLIER SPECIFICATIONS AND RECOMMENDATIONS REFER TO KITCHEN DRAWINGS AND VERIFY WITH EQUIPMENT SUPPLIER AND RECOMMENDATIONS REFER TO KITCHEN DRAWINGS AND VERIFY WITH EQUIPMENT SUPPLIER.

CONTRACTOR SHALL INSTALL ALL P.O.S. SYSTEM CABLES IN CONDUITS INDICATED TO CASH REGISTER LOCATIONS. CABLES TO BE FURNISHED BY OTHERS ALL CABLES EMANATE FROM OFFICE.

THE ELECTRICAL CONTRACTOR SHALL CONFORM TO AND COORDINATE ALL APPROVED ELECTRICAL KITCHEN EQUIPMENT WITH THE GENERAL CONTRACTOR. ALL THE WIRING DIAGRAM, DETAILS, ETC. PRIOR TO ANY ROUGH-IN. THIS SHALL INCLUDE THE FOLLOWING BUT IS NOT NECESSARY LIMITED TO:  
\* PROVIDE MATCHING METAL COVERS FOR RECEPTACLES AND CONNECTORS IF CORD IS SUPPLIED WITH EQUIPMENT (SPUCE CONNECTORS TO CORD AS REQUIRED).  
\* MAKE ALL FINAL HARD WIRED CONNECTIONS TO EQUIPMENT AFTER EQUIPMENT IS INSTALLED.  
\* VERIFY ALL ELECTRICAL CHARACTERISTICS SUPPLIER, RECOMMENDATIONS AND CONTROL WIRING, DIAGRAMS, EQUIPMENT CONNECTIONS, MOUNTING HEIGHTS, LOCATIONS, ETC.

FOR ADDITIONAL INFORMATION, REFER TO EQUIPMENT KITCHEN EQUIPMENT SPECIFICATIONS AND CUT SHEETS FURNISHED BY OWNER.

## SPECIALTY NOTES

DRAWINGS ARE GENERALLY DIAGRAMMATIC ROUTING OF PIPING, DUCTWORK, ETC., AS SHOWN ON UTILITIES, DOES NOT INTEND TO SHOW EVERY RISE DROP, OFF SET FITTING NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK. EACH CONTRACTOR SHALL MAKE ANY REQUIRED CHANGES FROM THE GENERAL ROUTING SHOWN IN THESE DRAWINGS, SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF OTHER TRADES AND BUILDING CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER OR DELAY IN COMPLETION DATE OF THE PROJECT.

IT IS INTENDED THAT EQUIPMENT SHALL BE LOCATED SYMMETRICALLY WITH THE ARCHITECTURAL ELEMENTS OF THE BUILDING, NOT WITH STANDING THE FACT THAT LOCATIONS INDICATED BY THESE DRAWINGS MAY BE DISTORTED FOR CLARITY OF PRESENTATION.

CONTRACTOR SHALL CHECK DRAWINGS OF OTHER TRADES TO VERIFY THAT SPACES IN WHICH THEIR WORK WILL BE INSTALLED ARE CLEAR OF OBSTRUCTIONS. WORK SHALL BE INSTALLED TO MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITION AT ALL POINTS IN THE BUILDING, WHERE SHALL NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE INSTALLATION OF THEIR WORK.

CONTRACTOR SHALL FURNISH OTHER TRADES ADVANCE INFORMATION AND/OR SHOP DRAWINGS ON LOCATIONS AND SIZES OF PIPING, DUCTWORK, EQUIPMENT, FRAMES, BOXES, SLEEVES AND OPENINGS, ETC. NEEDED FOR THEIR WORK TO PERMIT OTHER TRADES AFFECTED TO INSTALL THEIR WORK PROPERLY AND WITHOUT DELAY.

WHERE THERE IS EVIDENCE THAT WORK OF ONE TRADE WILL INTERFERE WITH WORK OF OTHER TRADES, ALL TRADES SHALL MEET ON JOB SITE TO WORK OUT SPACE CONDITIONS AND MAKE SATISFACTORY ADJUSTMENTS TO INSTALLATION OF THE NEW WORK. CONTRACTORS SHALL VERIFY EXACT LOCATIONS OF ALL DEVICES AND PRIOR TO ROUGH-IN. EACH CONTRACTOR SHALL BE RESPONSIBLE AT THEIR OWN EXPENSE, FOR THE REMOVAL AND REINSTALLATION OF ANY PART OF THEIR WORK, IF SAME WAS INSTALLED WITHOUT CONSULTING WITH OTHER TRADES BEFORE INSTALLING THEIR WORK.



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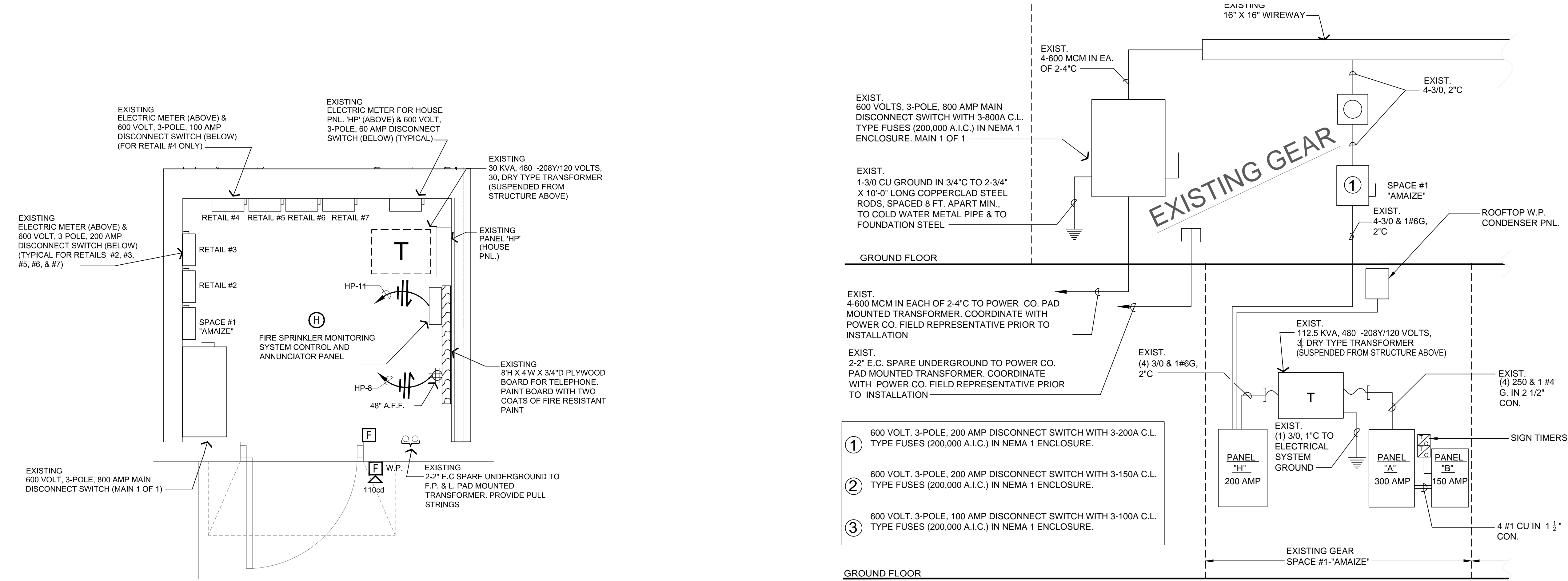
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elect. rm. plan &  
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**2 EXISTING ROOM PLAN**  
SCALE: 1/2" = 1'-0"

**1 EXISTING RISER DIAGRAM**  
NOT TO SCALE

**GENERAL NOTES**

- A. PROVIDE BACKFLOW PREVENTER ON DISH MACHINE RINSE LINES, ICE MACHINES, SODA MACHINES, TEACOFFEE URNS, MOP SINK FAUCETS, AND HOSE BIBBS. LOCATE VACUUM BREAKER 6" ABOVE THE OVERFLOW RIM AND AFTER LAST VALVE ON EQUIPMENT.
- B. ALL KITCHEN EQUIPMENT DRAIN LINES TO HAVE 45 DEGREE CUTS ON THE END OF THE PIPE AT THE DRAIN AND CONNECTED TO THE WASTE LINES WITH A MINIMUM 2" OR 2X PIPE DIAMETER AIR GAP, WHICHEVER IS GREATER, ROUTE INDIRECT WASTE LINES AS CLOSE AS POSSIBLE TO FLOOR, TO CLEAR SHELVING.
- C. REFER TO ARCHITECTURAL AND KITCHEN DRAWINGS FOR EXACT LOCATION AND DIMENSIONAL DATA.
- D. PROVIDE CHECK VALVES ON MOP SINK, PRE-RINSE FAUCETS, RO SYSTEM, KETTLE FAUCETS AND ALL MIXING VALVES.
- E. CONTRACTOR SHALL PROVIDE COPPER LABELS INDICATING TYPE AND DIRECTIONAL FLOW TO THE PIPING IN THE MECHANICAL ROOM.
- F. PROVIDE A STAINLESS STEEL REDUCED PRESSURE BACKFLOW PREVENTER FOR CARBONATOR.
- G. PROVIDE AN APPROVED REDUCED PRESSURE BACKFLOW PREVENTER FOR BOOSTER HEATER.
- H. PROVIDE SHUT-OFF VALVES, SHOCK ABSORBERS AND ACCESS PANELS FOR TOILET ROOM FIXTURES AS REQUIRED. VERIFY INSTALLATION HEIGHTS AND LOCATIONS WITH ARCHITECTURAL PRIOR TO INSTALLATION. REFER TO PLUMBING RISERS.
- I. ABOVE GRADE WATER PIPING SHALL BE TYPE L COPPER. CONDENSATE DRAIN LINES SHALL BE DIVVY COPPER. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL DETAILS.
- J. SLEEVE ALL GAS PIPING LOCATED INDOORS AS REQUIRED. REFER TO DETAIL ON P311. ALL EXPOSED EXTERIOR GAS LINES SHALL BE PAINTED TO MATCH BUILDING FINISH.
- K. GAS LINES EXPOSED IN SPACE SHALL BE PAINTED BLACK.
- L. AMAIZE TENANT SPACE SHALL BE FULLY PROTECTED WITH A WET PIPE FIRE SPRINKLER SYSTEM. SYSTEM SHALL COMPLY WITH NFPA 13 AND ALL THE REQUIREMENTS OF THE LOCAL JURISDICTION AND SHALL BE DESIGNED AND INSTALLED BY A FIRE PROTECTION CONTRACTOR LICENSED TO DO BUSINESS IN THE JURISDICTION OF THIS PROJECT. ALL NEW FIRE SPRINKLER PIPING WITHIN THE LIMITS OF THE FOOD PREP AREA SHALL BE CONCEALED ABOVE CEILING. ALL PIPING WITHIN THE LIMITS OF DINING AREA SHALL BE EXPOSED AND ROUTED AT BOTTOM OF ROOF TRUSS JOIST. REMOVE, RELOCATE OR ADD ELEMENTS OF FIRE SPRINKLER SYSTEM AS REQUIRED TO ACCOMMODATE NEW FLOOR PLAN, CEILING HEIGHT ETC.
- M. ALL NEW ROOF PENETRATIONS SHALL BE PREPARED AND INSTALLED ONLY BY LANDLORD'S ROOF CONTRACTOR, AS APPLIES.
- N. ALL NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED ACCORDING TO LOCAL CODES.
- O. PROVIDE TRAP PRIMERS AS SHOWN ON THE DRAWINGS AND BY THE LOCAL AUTHORITIES REQUIREMENT.
- P. SOUP WELL INDIRECT WASTE LINES TO BE 3/4" HEADER TO DRAIN 1-1/2".
- Q. ALL EXPOSED DRAIN AND WATER LINES SHALL BE COPPER.
- R. PLUMBING LINES SHALL BE HELD OFF OF ALL WALLS FOR CLEANING AND LOCAL HEALTH DEPARTMENT REQUIREMENTS. NO UNISTRUT SUPPORTS SHALL BE USED.
- S. CO2 LINES SHALL BE INSTALLED INSIDE WALLS. PROVIDE FIRE TREATED 2X WOOD BLOCKING AT TANK LOCATION FOR CHAINS. CHAINS SHALL BE HEAVY DUTY TO PROVIDE SECURITY TO WALL. PROVIDE REMOTE FILL.
- T. CONTRACTOR SHALL LOCATE ALL WALL ACCESS PANELS IN PROPER LOCATION PER ACTUAL EQUIPMENT LOCATION, FINISH, STAINLESS STEEL WALL PANELS & LOCKER LOCATIONS.
- U. COORDINATE HW DROPS SERVING LAYS & HAND SINKS SO THE FURTHEST FIXTURE BEING SERVED ON A RUN IS NO GREATER THAN 1/4" TOTAL DEVELOPED PIPE LENGTH FROM THE MAIN HW LOOP.

PLUMBING SCHEDULE																
ITEM NO.	QTY	DESCRIPTION	MFR	MODEL NO.	CW (in)	CW AFF (in)	HW (in)	HW AFF (in)	IW	DW	DW AFF	GAS (in)	GAS AFF	MBTU	REMARKS	ITEM NO.
200.2	1	Drop-In Cold Food Pan	Amtekco	ADIRSC7					1/2"						TO FS	200.2
302.0	1	Broiler	Nieco	JF632G								3/4"	36"	37.0		302.0
304.0	1	Conveyor Oven	Lincoln	1180-2G								(2) 3/4"	36"	(2) 40.0		304.0
400.0	1	Rethermalizer, Water Tank, Electric	NWS	D967770300N			1/2"	18"		2"					TO FS	400.0
401.0	1	Tilting Skillet, Countertop, Gas	Southbend	GCTRS-16								3/4"	29"	30.0		401.0
402.0	1	Range, 24", 4 open burners	Southbend	4242E								3/4"	30"	153.0		402.0
403.0	1	Combi Oven	Alto-Shaam	6-10ESI/CT	(2) 3/4"				1-1/2"						TO INDIRECT	403.0
500.0	3	Hand Sink	Amtekco	DH17D	3/8"	18"	3/8"	18"		1-1/2"						500.0
501.0	1	Char Broiler, Gas, Heavy Duty Range, 12"	Southbend	P12N-C								1-1/4"	12"	32.0		501.0
503.0	1	Plancha	Southbend	P48N-TTTT								3/4"	36"	120		503.0
504.0	1	Salamander	Southbend	P36-NFR								3/4"	60"	40.0		504.0
600.0	1	Expo Line W/Soup Wells	NWS						3"						TO INDIRECT	600.0
603.0	1	Tea Brewer	Curtis	TCTS10000	1/4"											603.0
604.0	1	Coffee Brewer	Fetco	CBS-52H-15	3/8"											604.0
605.0	1	Espresso Cappuccino Machine	Scheerer USA	15 SO DUO PS	3/8"				1"							605.0
606.0	1	Coffee Counter W/Dipperwell	NWS	Custom	3/8"	18"				1"						606.0
606.1	1	Dipperwell	Componet	K301010	1/4"										Part of # 606	606.1
608.0	1	Wine Counter W/Handsink	NWS	Custom	3/8"	18"	3/8"	18"			1-1/2"					608.0
617.0	1	PEPSI MACHINE	Vendor	250	1/2"	24"			3/4"						By Vendor	617.0
620.0	1	ICE MACHINE	HOSHIZAKI	KM-830MLH	1/2"	48"			3/4"						By Vendor, I.W.	620.0
700.0	1	Soiled Dish Sink W/Pre-Rinse Sprayer	NWS	F224350100N	3/8"	18"	3/8"	18"							TO FS	700.0
701.0	1	Dishwasher, Door Type	CMA Dishmachines	CMA-180TS	3/8"	18"	3/4"		2"						TO FS	701.0
704.0	1	3-BOWL SINK W/Pre-Rinse Sprayer	NWS	F224350100N	3/8"	18"	3/8"	18"							TO FS	704.0
801.0	1	Prep Table W/Integral Dumpsink	NWS	F296960100N	3/8"	18"	3/8"	18"							TO FS	801.0
804.0	1	WALK-IN COOLER/FREEZER	Vollrath	40861					3"						TO INDIRECT	804.0
901.0	1	Mop Sink	Advance Tabco	9-OP-28						2"						901.0
901.1	1	Service Faucet	T&S Brass	B-0665-POL	1/2"	36"	1/2"	36"								901.1
903.0	1	ICE MACHINE	HOSHIZAKI	KM-515MAH					1"						TO FS	903.0

SEE GAS PIPING PLAN AND RISER ON SHT. P3.0.

SEE SANITARY/AGREE WASTE & WATER RISER ON SHT. P4.0.

SEE PLUMBING DETAILS ON SHT. P5.0.

PRIOR TO ANY WORK, G.C. SHALL VERIFY DEPTH OF NEW SANITARY LINE CONNECTIONS @ EXIST. UTILITIES.

ALL LINES 3" OR GREATER SHALL SLOPE A MIN. OF 1/8" PER FT. LINES 2" OR SMALLER SHALL SLOPE MIN. AMIN. OF 1/4" PER FT.

NEW AND EXISTING FLOOR DRAINS SHALL HAVE 1/2" CW FOR RESEAL, SEE DTL. SHT. P2.0.

ANY/ALL UNDERGROUND PIPING SHALL HAVE PIPE PROTECTION (SLEEVE) LOCATED IN TRENCH AS PER FBC PLUMBING 305.1.

**PLUMBING SAN. LEGEND**

- ⊕ FLOOR DRAIN WITH GRATE
  - ⊙ OPEN SITE DRAIN (O.S.) (HUB DRAIN)
  - ⊞ FLOOR SINK
  - A.F.F. - ABOVE FINISHED FLOOR
  - D.F.C. - DROP FROM CEILING
  - B.T.C. - BRANCH TO CONNECTION
  - V.W.O. - VERIFY WITH OWNER
- VERIFY ALL ROUGH-IN DIMENSIONS W/ "WASSERSTROM" KITCHEN EQUIPMENT PLANS/EQUIPMENT CUTSHEETS / SPECIFICATIONS & PROJECT MANAGER.

**NEW FIXTURE CONNECTION SCHEDULE**

ITEM	WASTE & SOIL		WATER		FIXTURE UNITS	
	3"	4"	COLD	HOT	QTY	TOTAL
WATER CLOSET	3" @ 1/8"/FT.	3/4"	3/4"		2	4
LAVATORY	2" @ 1/4"/FT.	1/2"			2	1
HAND SINK	2" @ 1/4"/FT.	1/2"	1/2"		4	1
MOP SINK	3" @ 1/8"/FT.	3/4"	1/2"		1	2
FLOOR SINKS @ ICE MACH.	3" @ 1/8"/FT.	1/2"			1	1
FLOOR SINKS @ 1 COMP	3" @ 1/8"/FT.	1/2"			2	2
FLOOR SINKS @ 3 COMP	3" @ 1/8"/FT.	1/2"			1	4
FLOOR DRAIN	3" @ 1/8"/FT.	1/2"			7	2
INDIRECT DRAIN	1 1/2" @ 1/8"/FT.	1/2"			6	1

NOTE: TOTAL NEW PROPOSED 45.0 F.U.'S (14.0 SAN., 31 G.W.)

THE NEW 3/4" LINE TO EXIST. 1 1/2" DOMESTIC WATER SERVICE FROM MTR. MINIMUM SLOPE PER FOOT @ 1/8" AS PER F.B.C. PLUMB CHP 7

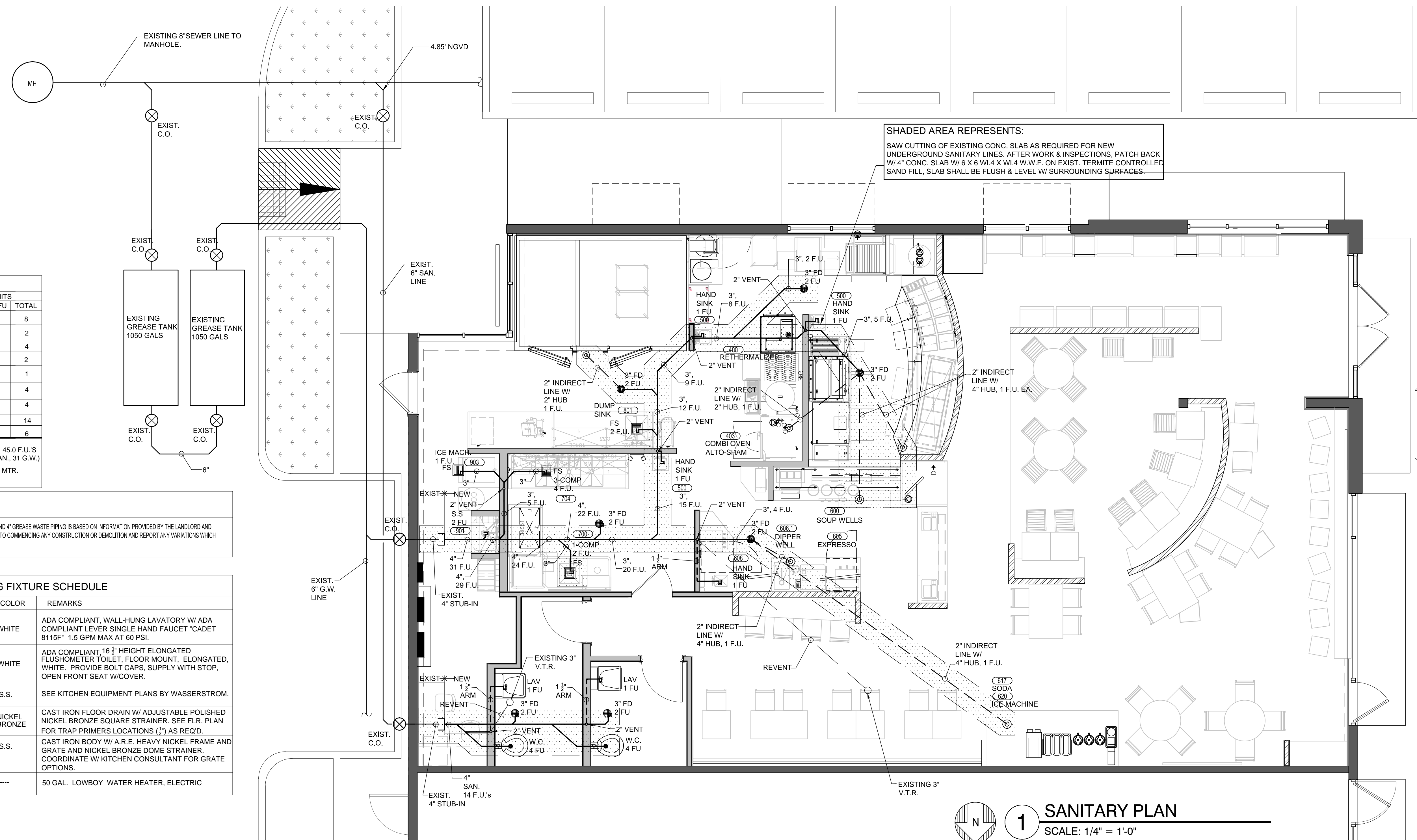
**PLAN NOTE**

THE PRESENCE, LOCATION AND ARRANGEMENT OF THE EXISTING 4" SANITARY SEWER PIPING AND 4" GREASE WASTE PIPING IS BASED ON INFORMATION PROVIDED BY THE LANDLORD AND HAS NOT BEEN FIELD VERIFIED. CONTRACTOR SHALL VERIFY ACTUAL FIELD CONDITIONS PRIOR TO COMMENCING ANY CONSTRUCTION OR DEMOLITION AND REPORT ANY VARIATIONS WHICH WILL IMPACT THE PROJECT SCOPE AS SHOWN TO THE PROJECT MANAGER.

**RESTROOM PLUMBING FIXTURE SCHEDULE**

FIXTURE	MFG.	MODEL #	COLOR	REMARKS
LAVATORY	AMERICAN STD.	LUCERNE #0356.028	WHITE	ADA COMPLIANT, WALL-HUNG LAVATORY W/ ADA COMPLIANT LEVER SINGLE HAND FAUCET "CADET 8115F" 1.5 GPM MAX AT 60 PSI.
WATER CLOSET	AMERICAN STD.	MADERA #3043.001	WHITE	ADA COMPLIANT, 16 1/2" HEIGHT ELONGATED FLUSH/NOISEMETER TOILET, FLOOR MOUNT, ELONGATED, WHITE. PROVIDE BOLT CAPS, SUPPLY WITH STOP, OPEN FRONT SEAT W/COVER.
HAND SINK	AMTEKCO	DK17D	S.S.	SEE KITCHEN EQUIPMENT PLANS BY WASSERSTROM.
FD (FLR. DRAINS)	ZURN	ZURN 2415S	NICKEL BRONZE	CAST IRON FLOOR DRAIN W/ ADJUSTABLE POLISHED NICKEL BRONZE SQUARE STRAINER. SEE FLR. PLAN FOR TRAP PRIMERS LOCATIONS (1/2") AS RECD.
FS (FLR. SINKS)	ZURN	ZURN: FD 21901 12" SQ.	S.S.	CAST IRON BODY W/ A.R.E. HEAVY NICKEL FRAME AND GRATE AND NICKEL BRONZE DOME STRAINER. COORDINATE W/ KITCHEN CONSULTANT FOR GRATE OPTIONS.
WATER HEATER	A.O. SMITH	ECL-50	----	50 GAL. LOWBOY WATER HEATER, ELECTRIC

NOTE: FIXTURES TO BE DETERMINED BY OWNER OR OWNER REP.



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project history:

project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
**plumbing sanitary plan, schedules & notes**

sheet number:  
**P1.0**  
file:  
p1.0-plumbing\_san\_plan.dwg

PLUMBING SCHEDULE																
ITEM NO.	QTY	DESCRIPTION	MFR	MODEL NO.	CW (in)	CW AFF (in)	HW (in)	HW AFF (in)	IW	DW	DW AFF	GAS (in)	GAS AFF	MBTU	REMARKS	ITEM NO.
200.2	1	Drop-In Cold Food Pan	Amtekco	ADIRSC7					1/2"						TO FS	200.2
302.0	1	Broiler	Nieco	JF632G								3/4"	36"	37.0		302.0
304.0	1	Conveyor Oven	Lincoln	1180-2G								(2) 3/4"	36"	(2) 40.0		304.0
400.0	1	Rethermalizer, Water Tank, Electric	NWS	D967770300N			1/2"	18"		2"					TO FS	400.0
401.0	1	Tilting Skillet, Countertop, Gas	Southbend	GCTRS-16								3/4"	29"	30.0		401.0
402.0	1	Range, 24", 4 open burners	Southbend	4242E								3/4"	30"	153.0		402.0
403.0	1	Combi Oven	Alto-Shaam	6-10ESI/CT	(2) 3/4"	6"			1-1/2"						TO INDIRECT	403.0
500.0	3	Hand Sink	Amtekco	DH17D	3/8"	18"	3/8"	18"		1-1/2"						500.0
501.0	1	Char Broiler, Gas, Heavy Duty Range, 12"	Southbend	P12N-C								1-1/4"	12"	32.0		501.0
503.0	1	Plancha	Southbend	P48N-TTTT								3/4"	36"	120		503.0
504.0	1	Salamander	Southbend	P36-NFR								3/4"	60"	40.0		504.0
600.0	1	Expo Line W/Soup Wells	NWS						3"						TO INDIRECT	600.0
603.0	1	Tea Brewer	Curtis	TCTS10000	1/4"											603.0
604.0	1	Coffee Brewer	Fetco	CBS-52H-15	3/8"											604.0
605.0	1	Espresso Cappuccino Machine	Schaerer USA	15 SO DUO PS	3/8"				1"							605.0
606.0	1	Coffee Counter W/Dipperwell	NWS	Custom	3/8"	18"				1"						606.0
606.1	1	Dipperwell	Componet	K301010	1/4"										Part of # 606	606.1
608.0	1	Wine Counter W/Handsink	NWS	Custom	3/8"	18"	3/8"	18"		1-1/2"						608.0
617.0	1	PEPSI MACHINE	Vendor	250	1/2"	24"			3/4"						By Vendor	617.0
620.0	1	ICE MACHINE	HOSHIZAKI	KM-830MLH	1/2"	48"			3/4"						By Vendor, I.W.	620.0
700.0	1	Soiled Dish Sink W/Pre-Rinse Sprayer	NWS	F224350100N	3/8"	18"	3/8"	18"							TO FS	700.0
701.0	1	Dishwasher, Door Type	CMA Dishmachines	CMA-180TS			3/4"		2"						TO FS	701.0
704.0	1	3-BOWL SINK W/Pre-Rinse Sprayer	NWS	SINK	3/8"	18"	3/8"	18"							TO FS	704.0
801.0	1	Prep Table W/Integral Dumpsink	NWS	F296960100N	3/8"	18"	3/8"	18"							TO FS	801.0
804.0	1	WALK-IN COOLER/FREEZER	Vollrath	40861					3"						TO INDIRECT	804.0
901.0	1	Mop Sink	Advance Tabco	9-OP-28						2"						901.0
901.1	1	Service Faucet	T&S Brass	B-0665-POL	1/2"	36"	1/2"	36"	1"							901.1
903.0	1	ICE MACHINE	HOSHIZAKI	KM-S15MAH											TO FS	903.0

NOTES BY SYMBOL (X)

- PIPE RELIEF VALVE FROM WATER HEATER (HWH-1) TO FLOOR DRAIN/SERVICE SINK MAINTAIN A MINIMUM 2" AIR GAP. SEE WATER HEATER DETAIL ON SHEET P5.0.
- WATER HEATER: GENERAL CONTRACTOR SHALL COORDINATE PLUMBING WITH EQUIPMENT AND MATERIALS FOR ALL OTHER DISCIPLINES. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS. REFER TO WATER HEATER DETAIL ON SHEET P5.0 FOR ADDITIONAL INFORMATION.
- TRAP PRIMER (TP-1) MOUNTED 1' MIN. ABOVE FINISHED FLOOR OR 12" FOR EVERY 20' OF RUN. PIPE 1/2" TYPE 'K' FLEXIBLE COPPER PIPE BELOW GRADE TO FLOOR DRAINS. NO FITTINGS OR SPLICES BELOW GRADE. STAINLESS STEEL ACCESS PANEL.
- PROVIDE A THERMOSTATIC MIXING VALVE (TMV-1) TO ALL HAND SINKS & LAVS FOR TEMPERED WATER (0.5GPM AND 110 DEGREE).
- PROVIDE BACKFLOW PREVENTION AND VACUUM BREAKER ON CW AND HW SUPPLY LINES TO MOP SINK SUPPLY LINE.
- PROVIDE WATTS DOUBLE CHECK BACKFLOW PREVENTER #007-QT-S AT ALL ICE MACHINES.
- 12" WATER TO ICE MAKER. ROUTE THRU DOUBLE CHECK VALVE. BACKFLOW PREVENTOR PRIOR TO CONNECTION. EXTEND AND TERMINATE DRAIN OPEN SITE ABOVE FLOOR SINK.
- CONNECT 1" COLD WATER LINE TO EXISTING 1" COLD WATER STUB-IN. VERIFY SIZE AND LOCATION OF EXISTING COLD WATER SERVICE WITH LANDLORD PRIOR TO CONSTRUCTION. PROVIDE SUBMETER AND REMOTE READER PER LANDLORD REQUIREMENTS. VERIFY METER REQUIREMENTS PRIOR TO CONSTRUCTION. PROVIDE SHUT-OFF VALVE 2'-0" ABOVE CEILING GRID IN ACCESSIBLE LOCATION.
- ROUTE HOT AND COLD WATER LINES UNDER COUNTERTOP TO 3-COMP SINK. VERIFY EXACT LOCATION WITH KITCHEN DRAWINGS.
- PROVIDE 3/8" CW VALVED CONNECTION WITH VACUUM BREAKER FOR SODA TOWER. PROVIDE 1" SOH. 40' PVC DRAIN AND DISCHARGE INTO ADJACENT FLOOR SINK THROUGH AN AIR GAP 2" ABOVE THE FLOOR SINK OR 2X PIPE DIAMETER, WHICHEVER IS GREATER.

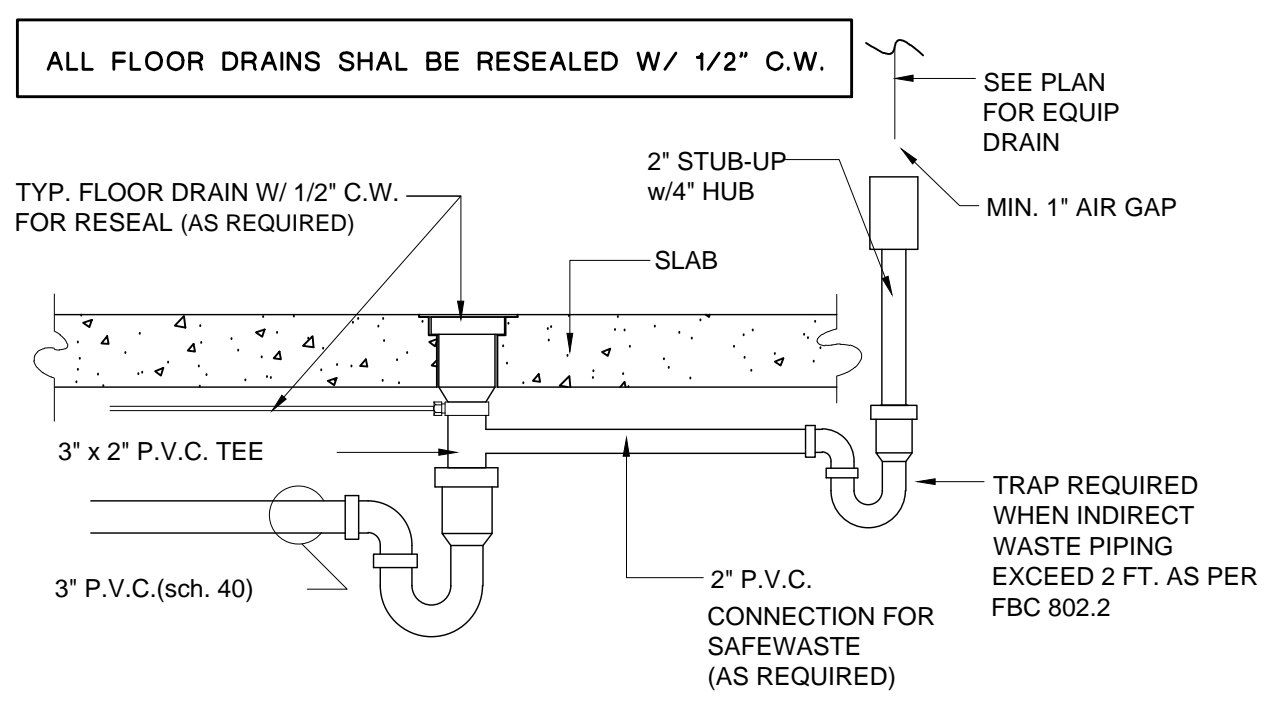
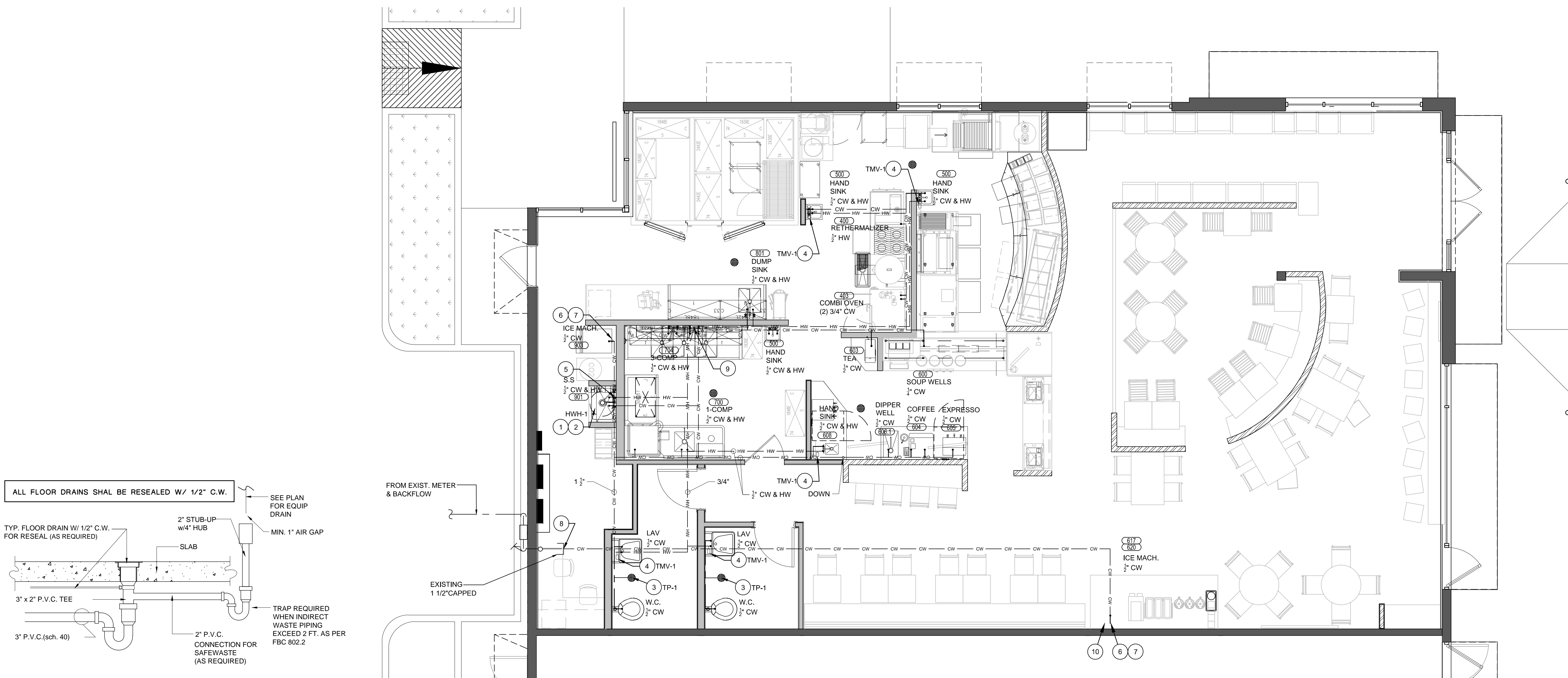
NEW FLOOR DRAINS SHALL HAVE 1/2" CW FOR RESEAL, SEE DTL. THIS SHT.

PROVIDE MECHANICAL SHOCK ABSORBER FOR SOLENOID VALVE FOR ALL WATER PROOF CONNECTIONS AS PER FBC 604.9

PLUMBER TO PROVIDE SHUT-OFF VALVES AT ALL DOWN FEED RISERS, HOT AND COLD AS REQUIRED BY FBC, PLUMBING CODE, SECTION 606.2.

PLUMBING CONTRACTOR TO SUPPLY AND INSTALL BACKFLOW VALVES FOR ALL EQUIPMENT/APPLIANCES THAT HANDLE OR TREAT POTABLE WATER FOR PROTECTION AGAINST CONTAMINATION AS REQUIRED BY THE FLORIDA BUILDING CODE, PLUMBING CODE, SECTION 608.3.

ANY/ALL UNDERGROUND PIPING SHALL HAVE PIPE PROTECTION (SLEEVE) LOCATED IN TRENCH AS PER FBC PLUMBING 305.1.



2 TYP. FLOOR DRAIN DETAIL NOT TO SCALE

1 WATER PLAN SCALE: 1/4" = 1'-0"

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project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
**plumbing water plan**

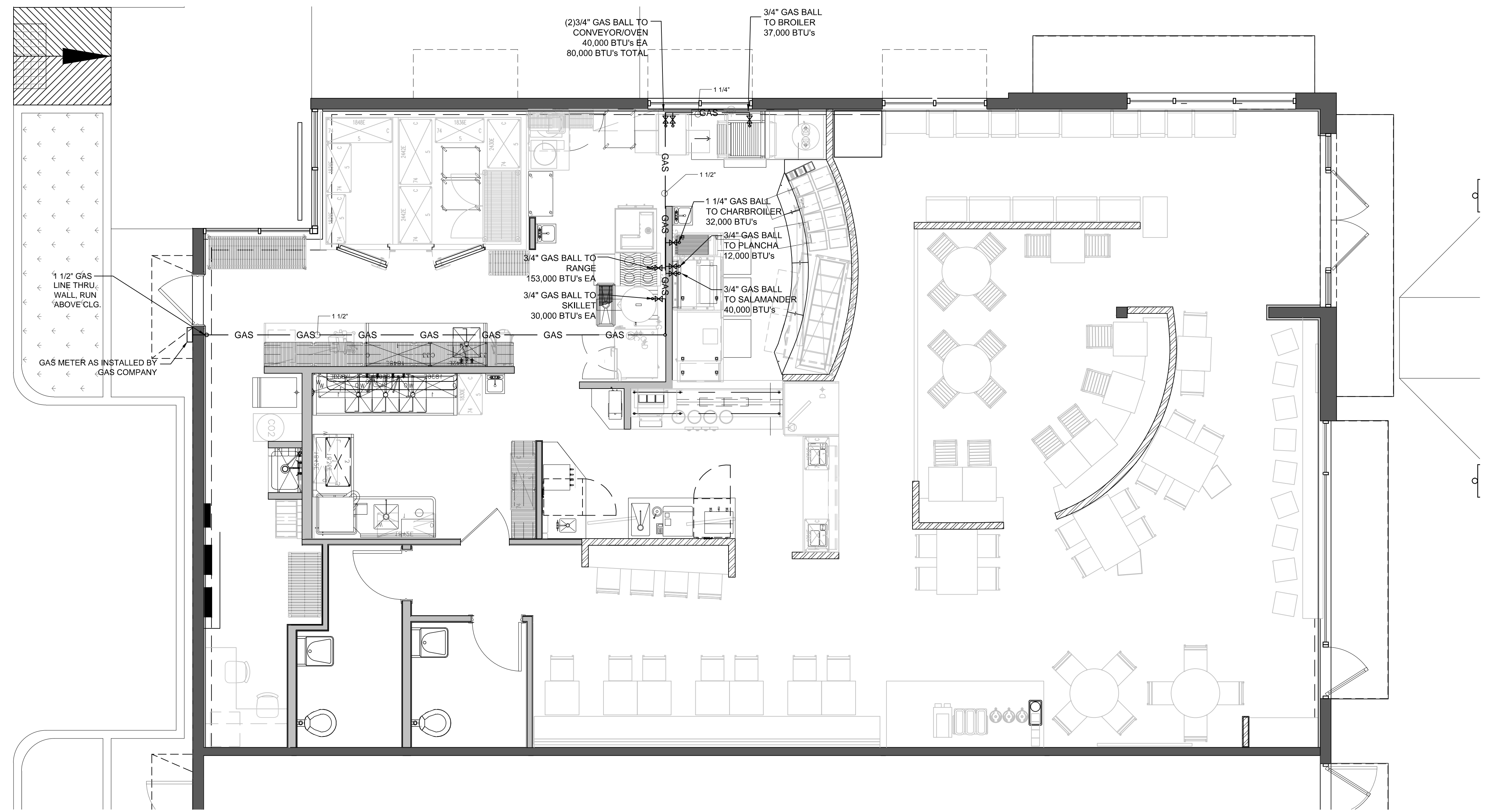
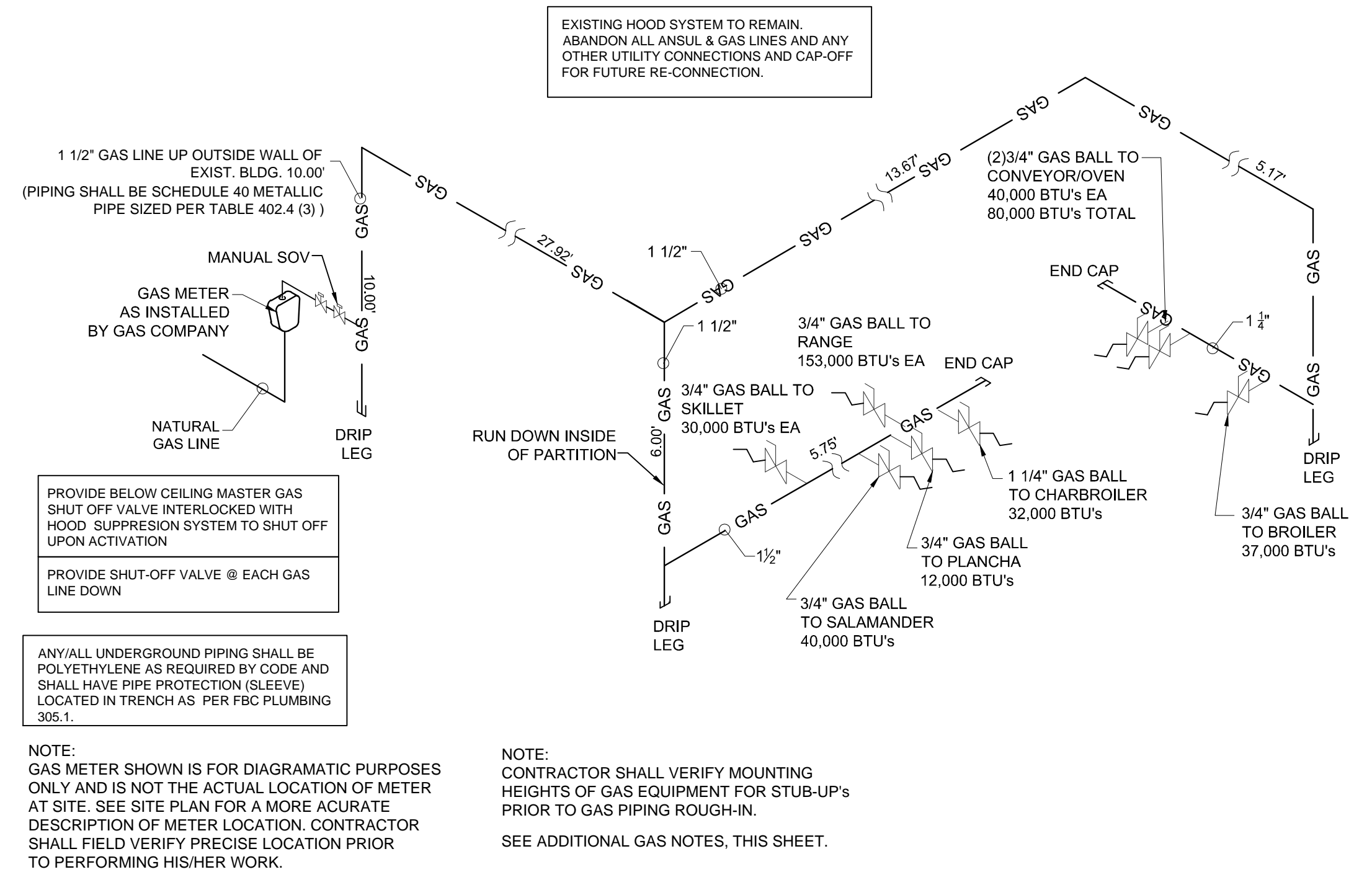
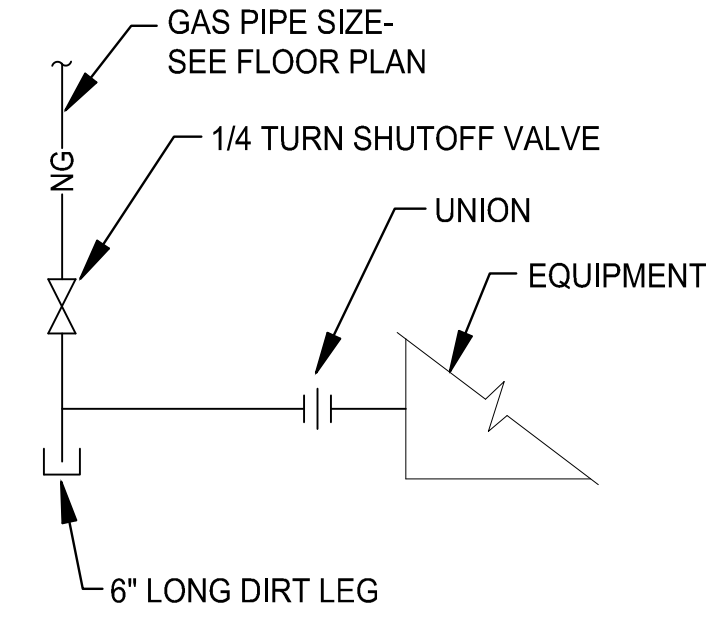
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**P2.0**  
file:  
p2.0-plumbing\_water\_plan.dwg

**GAS PIPING NOTES:**

- GAS PIPE SIZES BASED ON PRESSURE DROP OF 1.0 WATER COL. GAS SPECIFIC GRAVITY OF 0.60 AND SCHEDULE 40 BLACK STEEL PIPE 100 MINIMUM PRESSURE AND 14.00 W.C. MAXIMUM PRESSURE.
- GAS PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE FUEL GAS 2010.
- THE INSTALLATION SHALL BE FOR NATURAL GAS AND BE INSTALLED BY A LICENSED SUB-CONTRACTOR, IVERIFY SUPPLIER)
- GAS METER AND PRESSURE REGULATOR SHALL BE PROVIDED AND INSTALLED BY GAS COMPANY.
- GAS PIPING SHALL BE SCHEDULE 40 SEAMLESS BLACK STEEL PIPE AND BLACK IRON FITTINGS. GAS PIPING OUTSIDE THE BUILDING SHALL BE PAINTED WITH BLACK 'RUSTOLEUM' PAINT.
- GAS PIPING SHALL BE PROVIDED WITH DRIP POCKETS AND DIRT LEGS IN ACCORDANCE WITH CODE REQUIREMENTS.
- A GAS COCK AND QUICK-RELEASE FITTING SHALL BE PROVIDED AT ALL GAS APPLIANCES W/ CHAIN RESTRAINTS.
- PROVIDE AN ACCESSIBLE MECHANICALLY OPERATED UL APPROVED GAS VALVE BELOW CEILING FOR EMERGENCY SHUT-OFF. COORDINATE WITH FIRE PROJECT SYSTEM. GAS VALVE SHALL BE MANUALLY RE-SET.
- ALL GAS VALVES WILL BE INSTALLED IN ACCESSIBLE LOCATION.
- GAS PIPING SIZED FOR THE TOTAL CONNECTED LOAD +60' FROM METER TO FARTHEST CONNECTION, 0.6 SPECIFIC GRAVITY, 1.0 PRESSURE LOSS.
- GAS PIPING SHALL BE BLACK STEEL OR AS PERMITTED BY CODE.
- GAS PIPING CONNECTIONS SHALL BE THREADED UNLESS OTHERWISE REQUIRED BY CODE.
- EXTERIOR GAS PIPING SHALL RECEIVE ONE COAT EACH OF A RUST AND WEATHER RESISTANT PRIMER AND TOP COAT. COORDINATE WITH ARCHITECT FOR COLOR.
- GAS BURNING EQUIP. SHALL BE INSTALLED PER NFPA #58, NFPA #54 (L.P.G.) OR NFPA #96 (COMMERCIAL COOKING EQUIPMENT).
- GAS PIPE SIZES 2" AND GREATER SHALL BE WELDED, IF REQUIRED BY CODE.
- GAS CONNECTIONS PER ANSI Z21.69
- ALL VALVES AND FITTINGS SHALL BE LINE SIZE. GAS PIPING BRNCHS SHALL NOT BE REDUCED IN SIZE UNTIL THE POINT OF FINAL CONNECTION TO THE EQUIPMENT BEING SERVED.

-sizing of gas piping as per FBC 2010 FUEL GAS TABLE 402.4(3) FOR METALLIC PIPING & TABLE 402.4(20) FOR POLYETHYLENE PIPING.

LONGEST RUN OF GAS LINE TO METER IS 70.0'  
TOTAL BTU = 384,000



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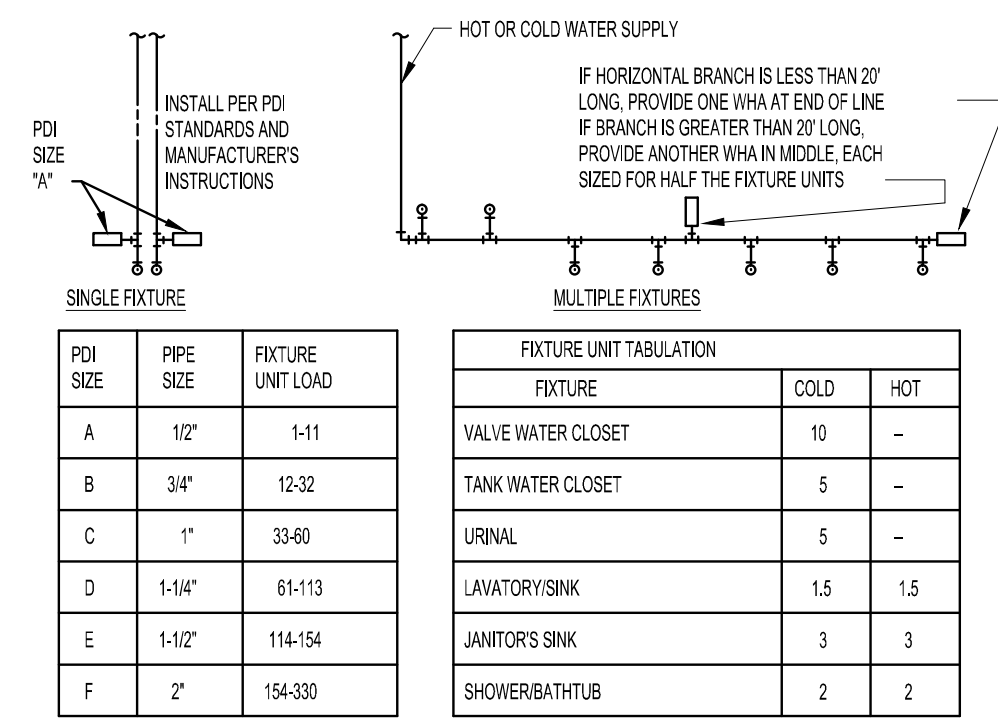
project information:  
date: 08.16.2013  
project number: 13-78F

sheet title:  
plumbing gas piping plan, riser & notes

sheet number:  
**P3.0**  
file:  
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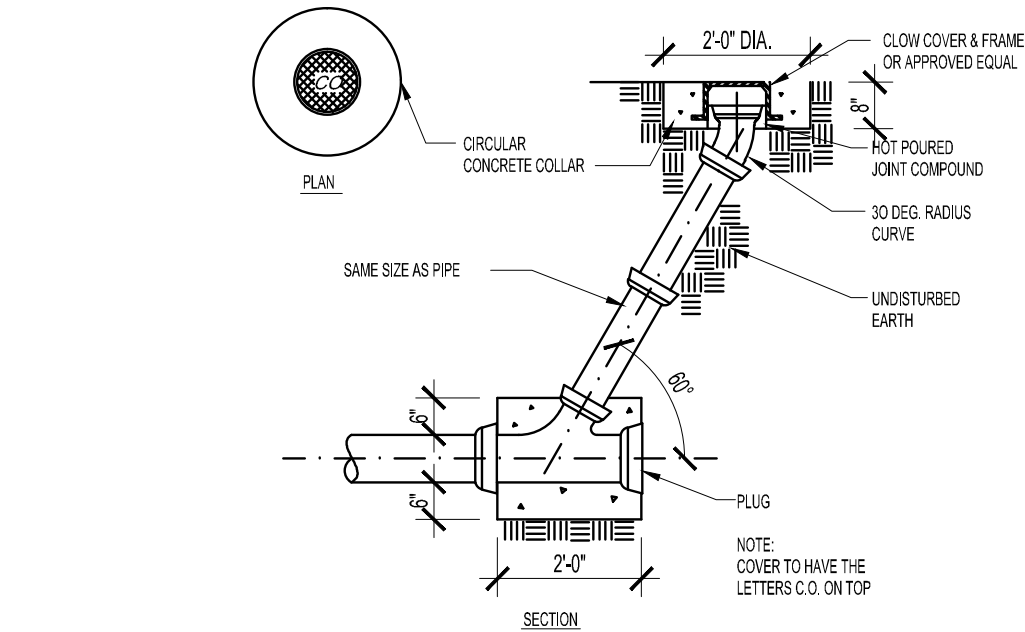




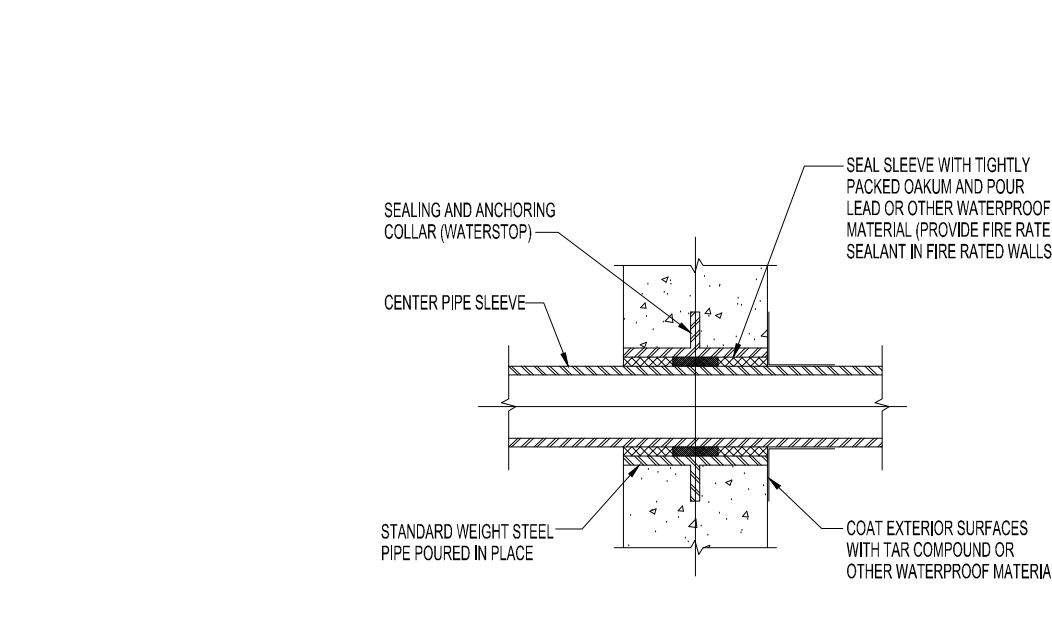


PC TO PROVIDE WATER HAMMER ARRESTORS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING POI W/IN 20', ASSE #1010 AND ANSI #112.26 1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SEE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE.

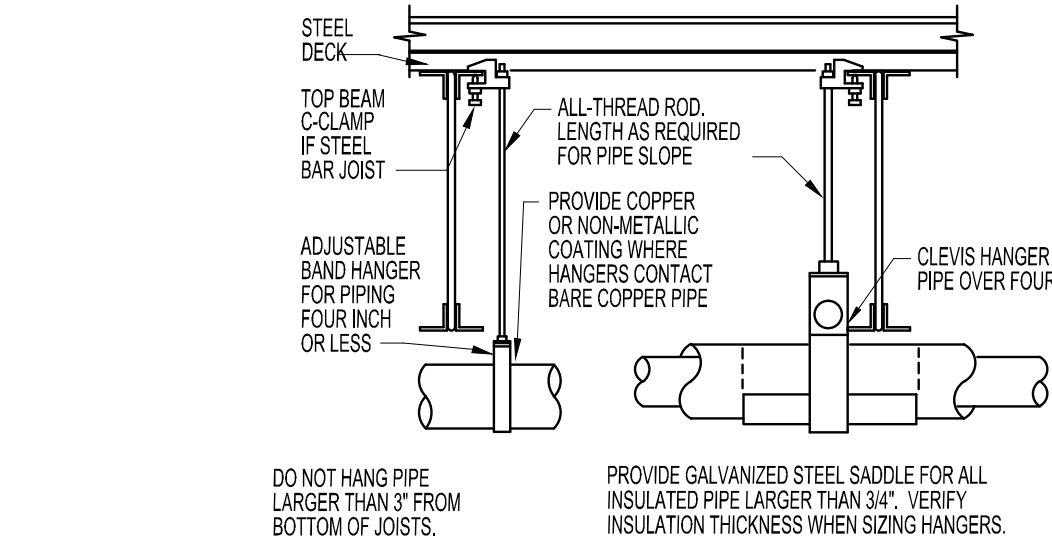
**01 WATER HAMMER ARRESTOR DETAIL**  
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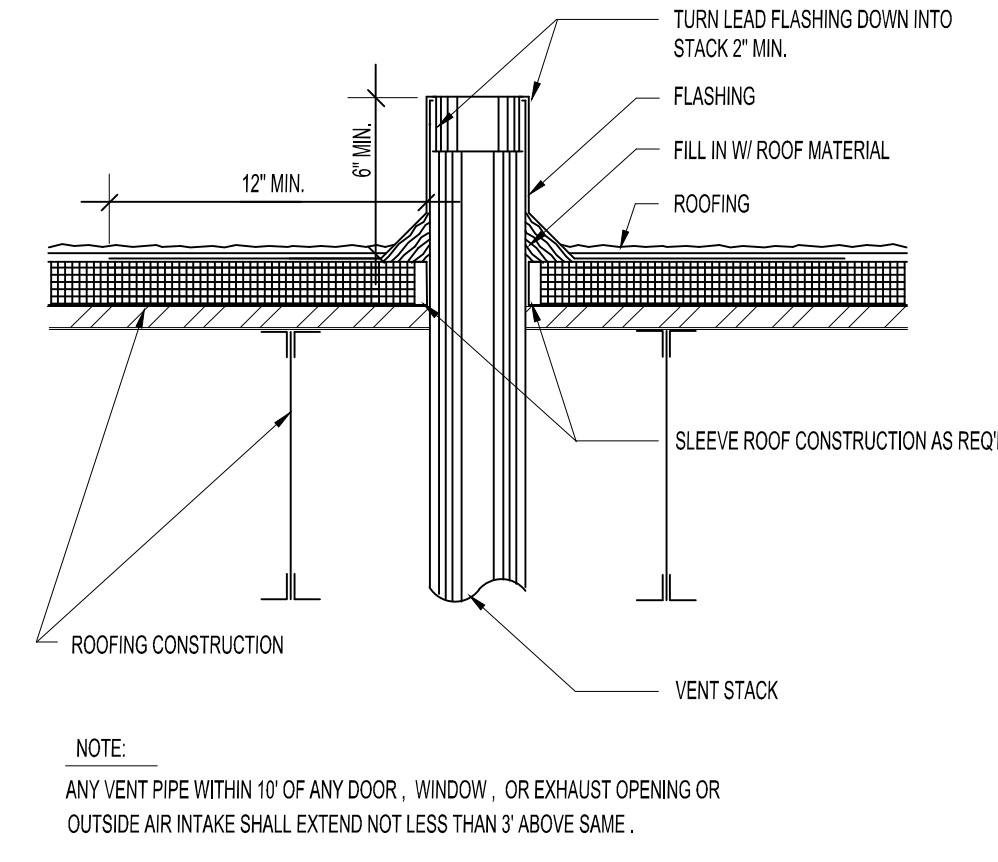
**02 CLEAN OUT DETAIL**  
SCALE: NO SCALE



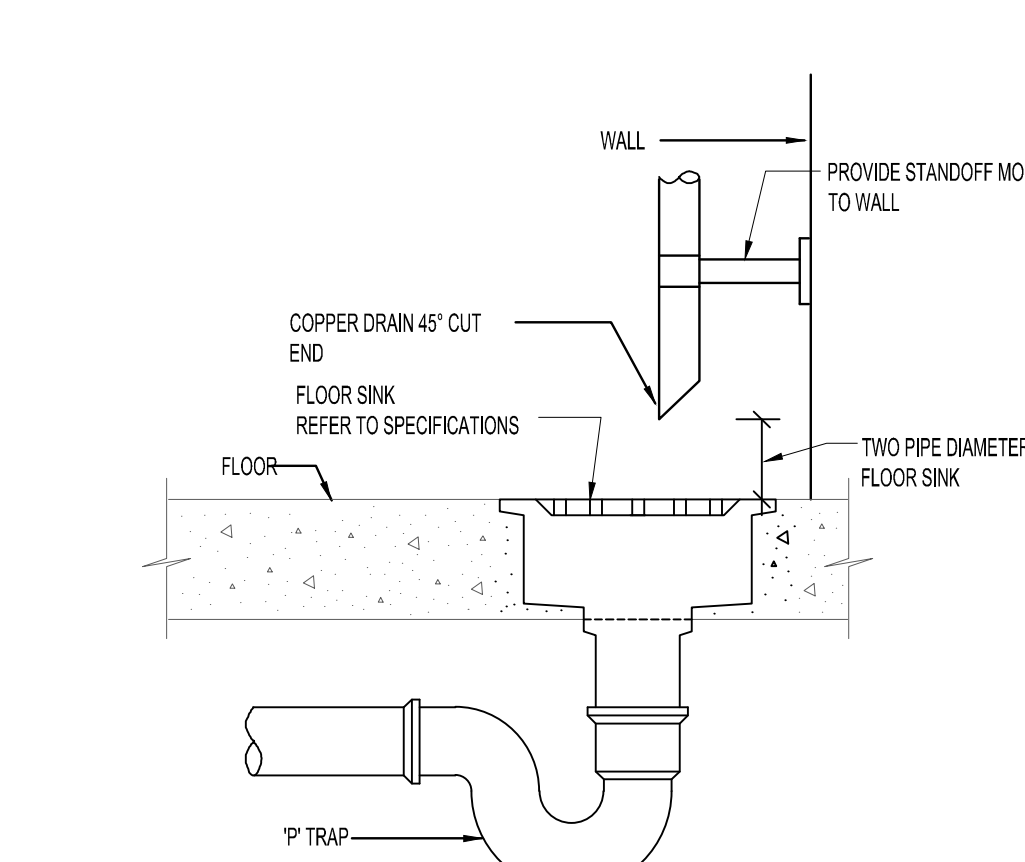
**03 PIPE SLEEVE - EXTERIOR WALLS**  
SCALE: NO SCALE



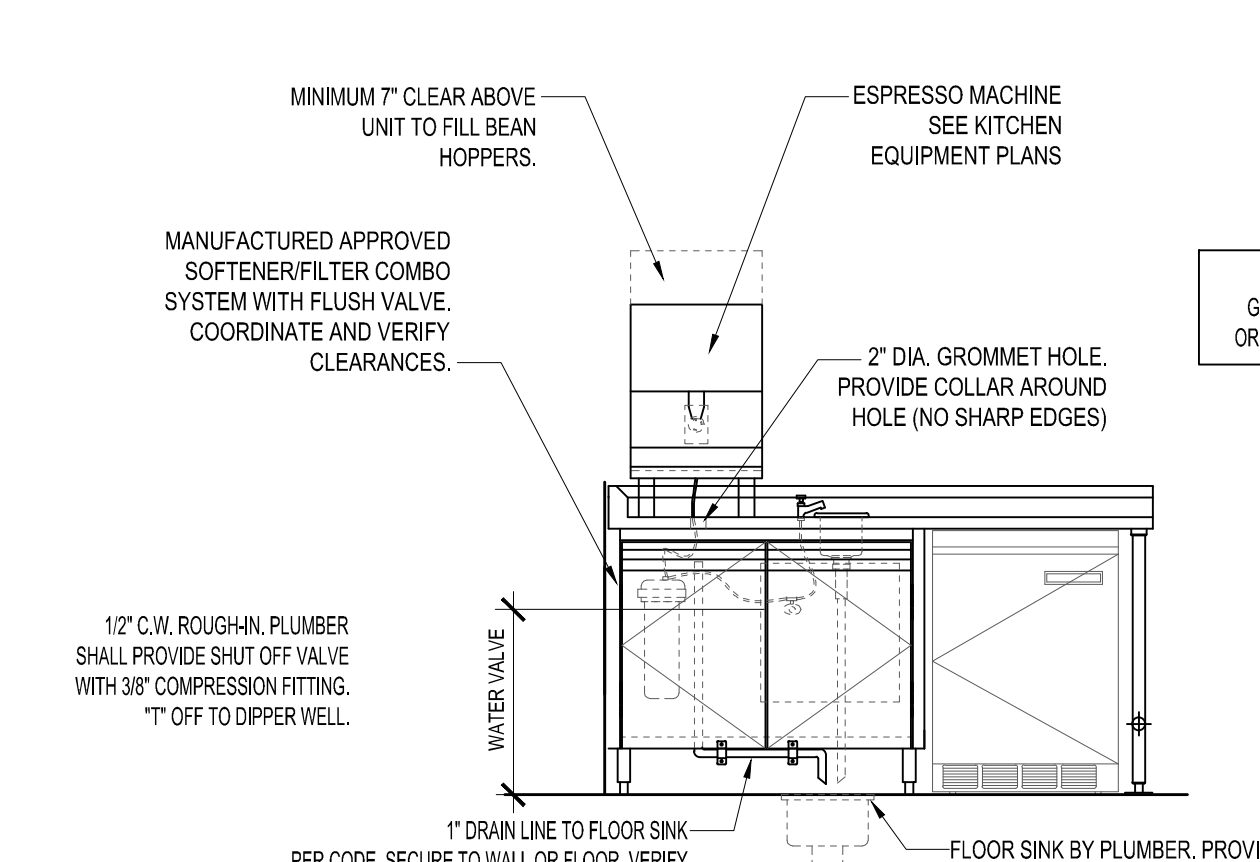
**04 PIPE INSULATION/ HANGER DETAIL**  
SCALE: NO SCALE



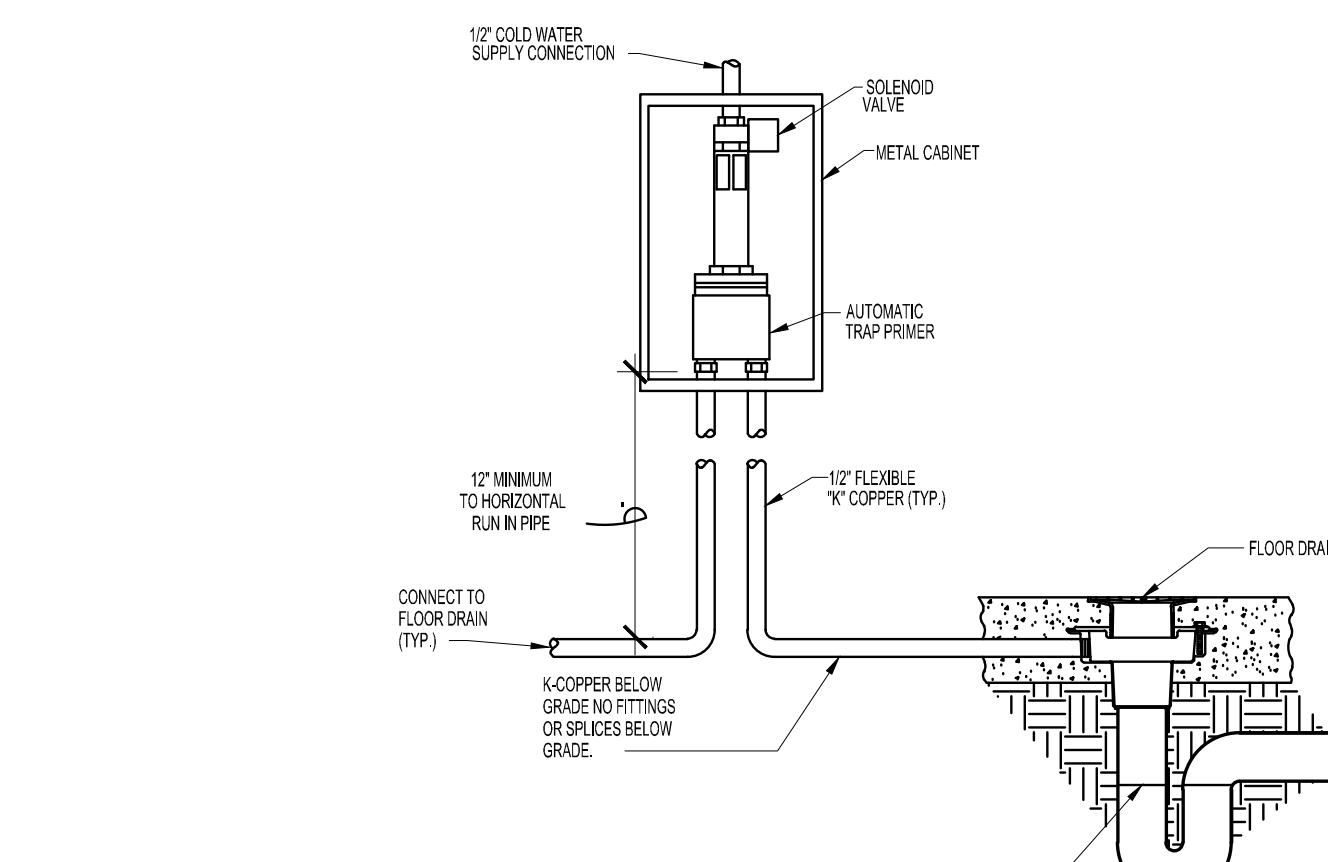
**05 VENT TERMINATION LEAD FLASHING**  
SCALE: NO SCALE



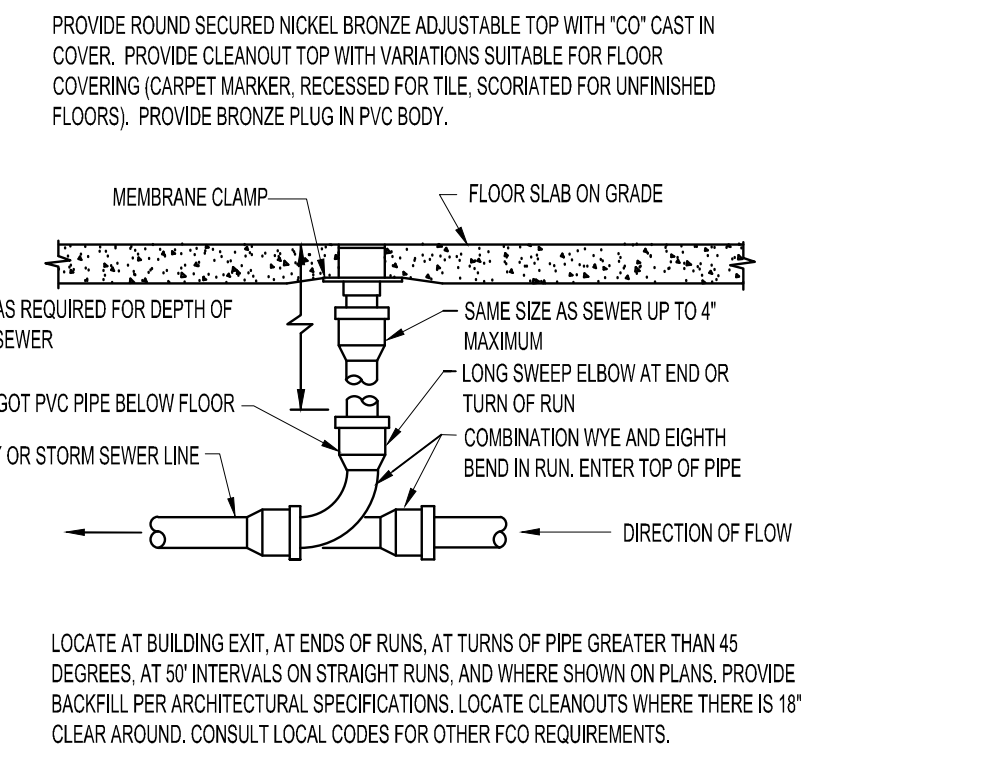
**06 INDIRECT WASTE DETAIL**  
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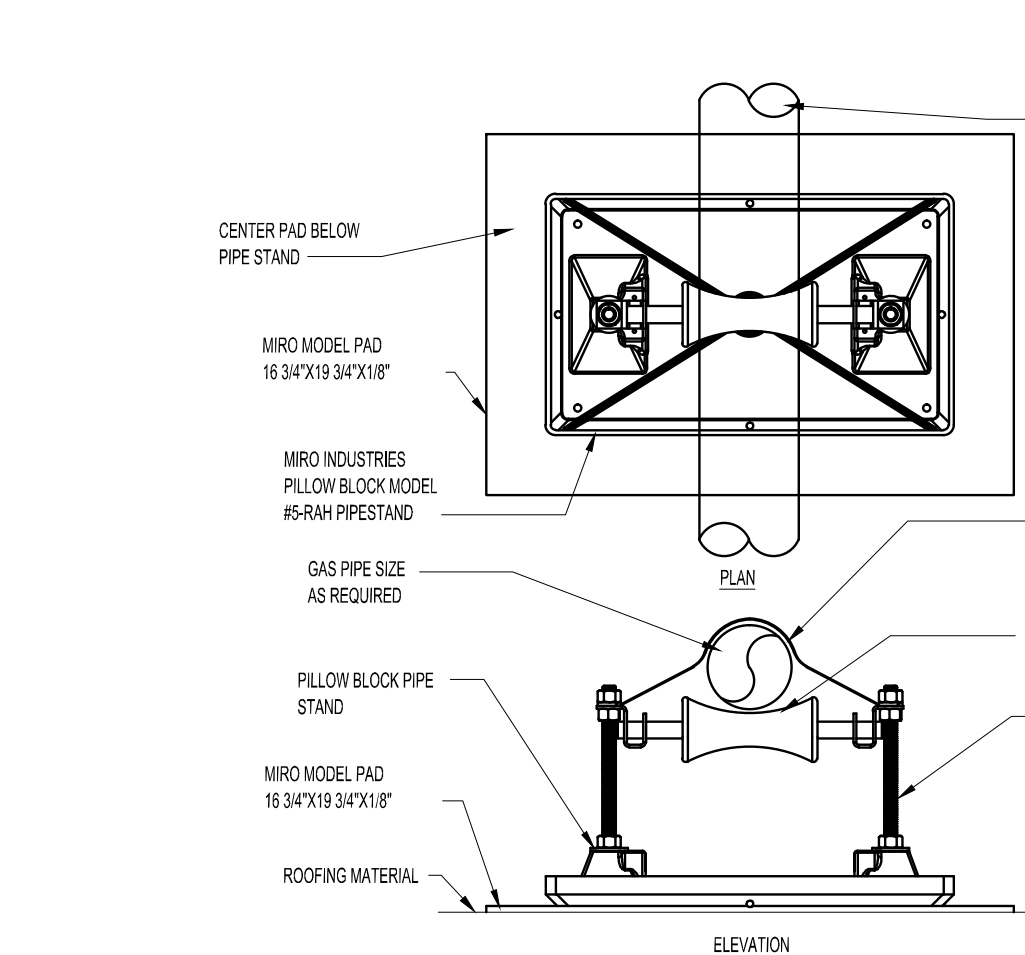
**07 ESPRESSO MACHINE UTILITY SCHEMATIC**  
SCALE: NO SCALE



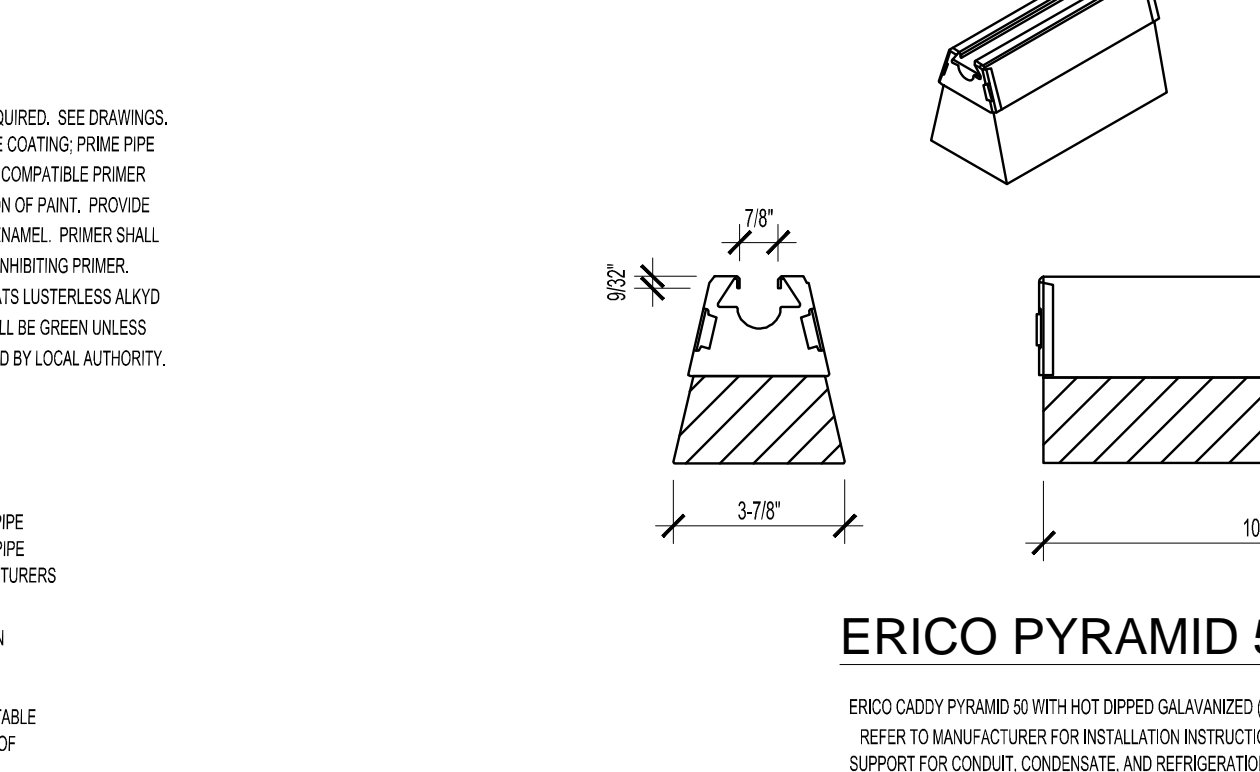
**08 TRAP PRIMER DETAIL**  
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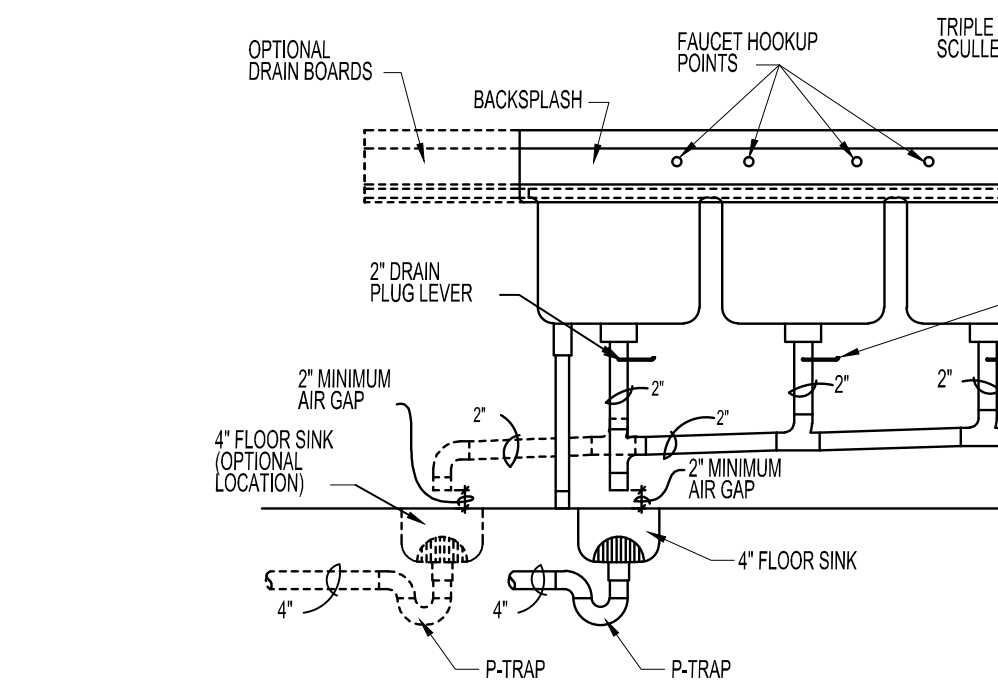
**09 FLOOR CLEANOUT DETAIL**  
SCALE: NO SCALE



**10 PIPE SUPPORT ON ROOF**  
SCALE: NO SCALE



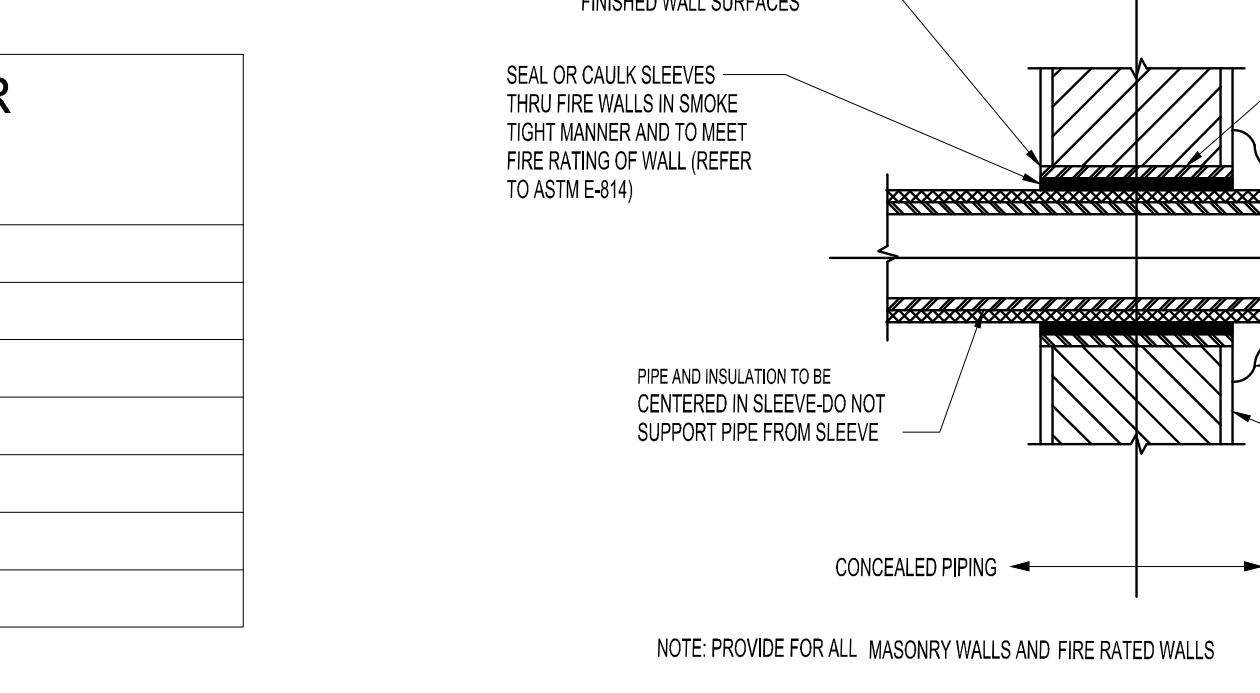
**11 CONC. TRENCH PATCH DTL.**  
SCALE: NO SCALE



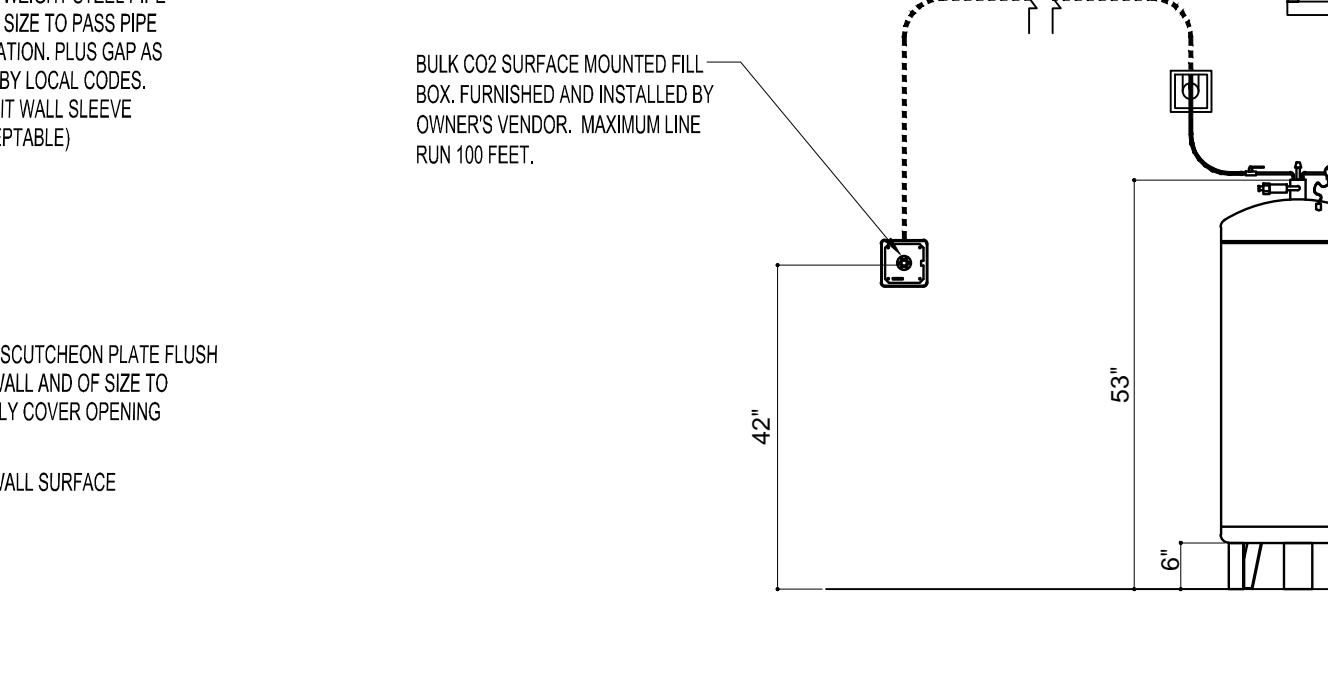
**12 3-COMPARTMENT SINK CONNECTION DETAIL**  
SCALE: NO SCALE

MAXIMUM SPACING FOR GAS PIPE SUPPORTS			
PIPE SIZE	SPACING IN FEET	MIN. ROD SIZE - INCHES	
(HORIZONTAL)			
1/2"	6' O.C.	3/8"	
3/4" TO 1"	8' O.C.	3/8"	
1 1/4" AND LARGER	10' O.C.	1/2"	
(VERTICAL)			
3 1/2" TO 5"	EVERY FLOOR		

**13 GAS PIPE SUPPORT ON ROOF**  
SCALE: NO SCALE



**14 PIPE SLEEVE - INTERIOR WALLS**  
SCALE: NO SCALE



**15 CO2 TANK/ CARBONATOR DETAIL**  
SCALE: NO SCALE

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sheet title:  
**plumbing details**

sheet number:  
**P5.0**  
file:  
p5.0-plumbing details.dwg

