

# HUNGRY HOWIE'S PIZZA

## 119 WALKERS WAY FORT WHITE, FL 32038

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### SITE LOCATION MAP



LOCATION MAP  
US-27  
FORT WHITE, FLORIDA 32038

SITE  
SCALE: NTS

### BUILDING CLASSIFICATION AND DATA

#### APPLICABLE CODES:

FLORIDA BUILDING CODE, BUILDING (FBC-B)	6TH EDITION (2017)
FLORIDA ACCESSIBILITY CODE (FAC)	6TH EDITION (2017)
FLORIDA BUILDING CODE, MECHANICAL (FBC-M)	6TH EDITION (2017)
FLORIDA BUILDING CODE, PLUMBING (FBC-P)	6TH EDITION (2017)
FLORIDA FIRE PREVENTION CODE (FFPC)	6TH EDITION (2017)
NATIONAL ELECTRICAL CODE (NEC)	2014 EDITION

#### OCCUPANCY GROUP CLASSIFICATION:

B-BUSINESS  
(ASSEMBLY UNDER 50 OCCUPANTS SHOULD BE CLASSIFIED AS BUSINESS)

#### TYPE OF CONSTRUCTION:

NEW CONSTRUCTION TYPE V-B

#### AREA CALCULATIONS:

AREA OF ALTERATION: 1,080SF+/-

#### PRODUCT APPROVAL:

THE CONTRACTOR SHALL MAKE AVAILABLE TO THE BUILDING INSPECTOR ANY DOCUMENTATION NECESSARY TO VERIFY THAT ALL PRODUCTS REQUIRING APPROVAL PER FS 553.842 ARE IN COMPLIANCE.

#### ACCESSIBILITY:

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH 2017 FLORIDA ACCESSIBILITY CODE 6TH EDITION IN THE TENANT SUITE.

#### WIND LOAD:

WIND SPEED 130 ( PER SECTION 1609, FIGURE 1609.3(1), 2017 FLORIDA BUILDING CODE )

#### DESIGN LOADS:

RESTAURANT:	100 PSF
LOBBY:	100 PSF
FIXED SEATS:	60 PSF
HANDRAILS AND GUARDS:	200 PSF
AWNINGS:	5 PSF
ROOFS:	20 PSF
EXITS:	100 PSF
GRAB BARS:	250 PSF



APPROVED (subject to Revisions)  
Life Safety Services  
Columbia County Fire Inspectors  
Plan Review & Inspection  
By: *[Signature]* Date: 8/18/18

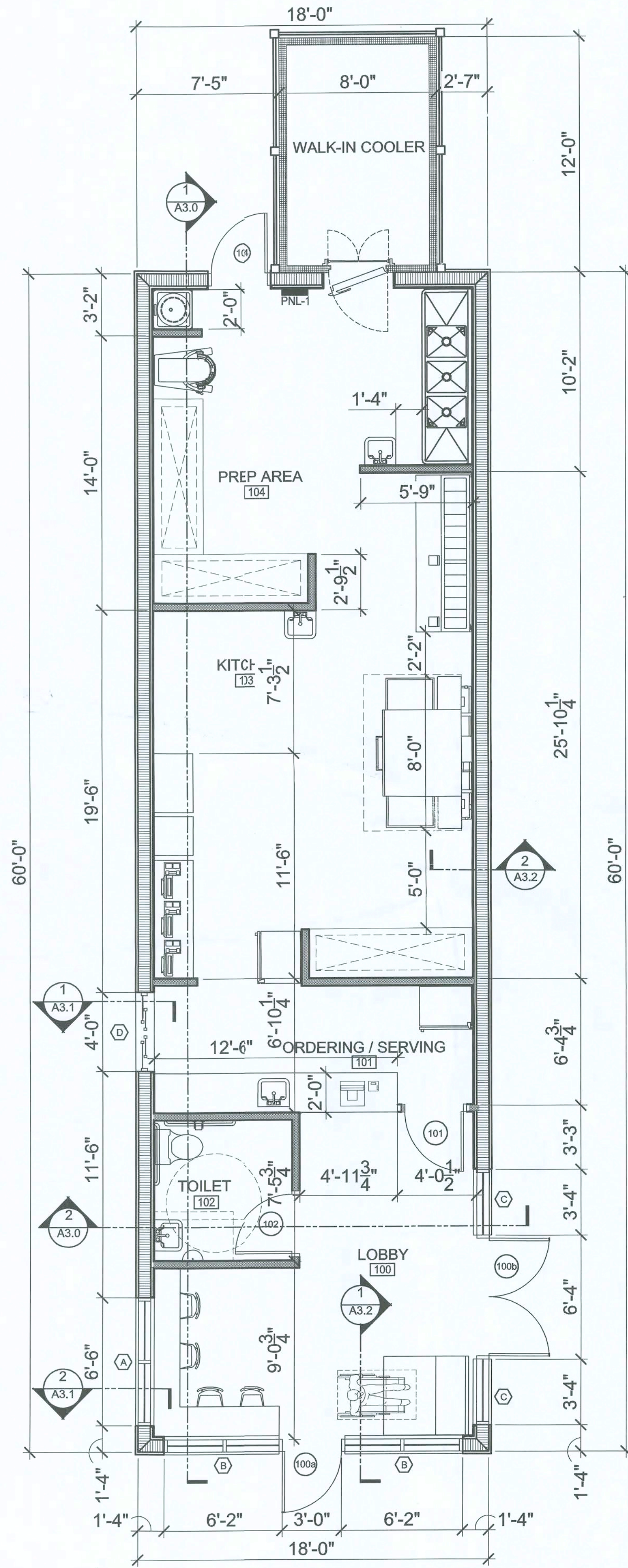
HUNGRY HOWIES PIZZA  
119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

COVER SHEET / INDEX OF DRAWINGS



DATE	AUG. 30, 2018
DRAWN BY	ADC
REVISIONS	
JOB NO.	18-157
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SHEET NUMBER	G1.0

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**PROPOSED FLOOR PLAN**  
 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"

**EQUIPMENT LIST**

1. 4 SEAT
2. TILE COUNTER TOPS AT 36" H X 28" W, WITH DUNNAGE BELOW.
3. CASH REGISTER WITH COMPUTER CONDUIT AND 110V ELEC.
- 3A. CONDUIT FOR CREDIT MACHINE CONNECTION.
4. MENU BOARD WITH ELECTRICAL CONNECTION (JUNCTION BOX) ABOVE THE CEILING.
5. SWITCHES FOR: OVER FAN, CEILING FANS, CEILING LIGHTS, AND NEON LIGHTS.
6. LITHONIA EXIT SIGN / EMERGENCY LIGHT COMBO.
7. EMERGENCY LIGHT, BATTERY PACK UNIT (STANDARD) WITH TWO LAMP, WALL MOUNTED.
8. FIRE EXTINGUISHER, 10 LB. A-B-C, WALL HUNG TYPE (STANDARD), TYPE K AT KITCHEN BACK DOOR AND A-B-C AT DINING FRONT DOOR.
9. STAINLESS STEEL TABLE, 30" X 96".
10. STAINLESS STEEL TABLE, 30" X 84".
11. LAVATORY- HANDICAPPED ACCESSIBLE, WITH INSULATED PIPES, MIRROR AND SOAP DISPENSER. 15" O.C. FROM FACE OF WALL
12. WATER CLOSET, HANDICAPPED ACCESSIBLE, WITH SEAT AT 19" A.F.F..
13. STAINLESS STEEL GRAB BARS AT 33" A.F.F., 36" LONG BEHIND THE W.C. AND 42" LONG BESIDE THE W.C. PROVIDE DEADWOOD AS REQUIRED.
14. TOILET PAPER HOLDER AT 19" A.F.F.
15. 58" HIGH PARTITION WITH 58" HIGH TILE PARTITION WITH 14" TOP SHELF.
16. 36" SHELF 8 1/8" A.F.F. (FRAMED COVERED W/ PLYWOOD AND TILE)
17. HAND SINK, MOUNTED AT HCCP HEIGHT WITH INSULATED PIPES, SOAP AND PAPER TOWEL DISPENSERS.
18. DOUGH MIXER UNIT, 220V.
19. STAINLESS STEEL THREE COMPARTMENT SINK, 30"W. X 96"L.
20. 6" RECESSED TILE MOP SINK
22. PHONE CENTER AT 42" H. X 32" W. X 72" L.(STAINLESS STEEL), WITH TILE COUNTER TOP FINISH (BROWN).
23. COMPUTER:
24. QUADRAPLEX ELECTRICAL OUTLET AT 26" A.F.F..
25. TELEPHONE JACK AT 62" A.F.F..
26. COMPUTER CONDUIT AT 26" A.F.F..
27. MONITOR CONDUIT AT 62" A.F.F..
28. ELECTRIC HWYH.
29. TWO PIZZA OVENS, WITH 135,000 BTU EACH, 220V ELECTRICAL OR GAS HOOK-UP. (15" A.F.F. X 10" FROM EDGE) WITH ELEC. AT 24" FROM EDGE OF WALL AND AT 16" A.F.F. X 22" FROM EDGE OF WALL AND SHUNT VALVE AT 48" A.F.F. X 24" FROM EDGE OF WALL.
30. EXHAUST HOOD, NO GREASE, PER OWNER DIRECTIONS
31. PROPANE GAS.
32. GREASE RECEPTOR LOCATED OUTSIDE, 1250 LB. (VERIFY CAPACITY WITH THE LOCAL HEALTH DEPARTMENT.)
33. 2 LITER REFRIGERATOR
34. J-BOX FOR EXTERIOR SIGNAGE.
35. PIZZA HOT BOX
36. PIZZA MAKE UNIT
37. SALAD PREP TABLE, STAINLESS STEEL 30" X 24"
38. 20" SHELF 5 1/8" A.F.F. (FRAME COVER W/ PLYWOOD AND TILE)
39. STAINLESS STEEL TABLE 24" X 24"
40. HAND DRYER
41. 8' HIGH PVC FENCE

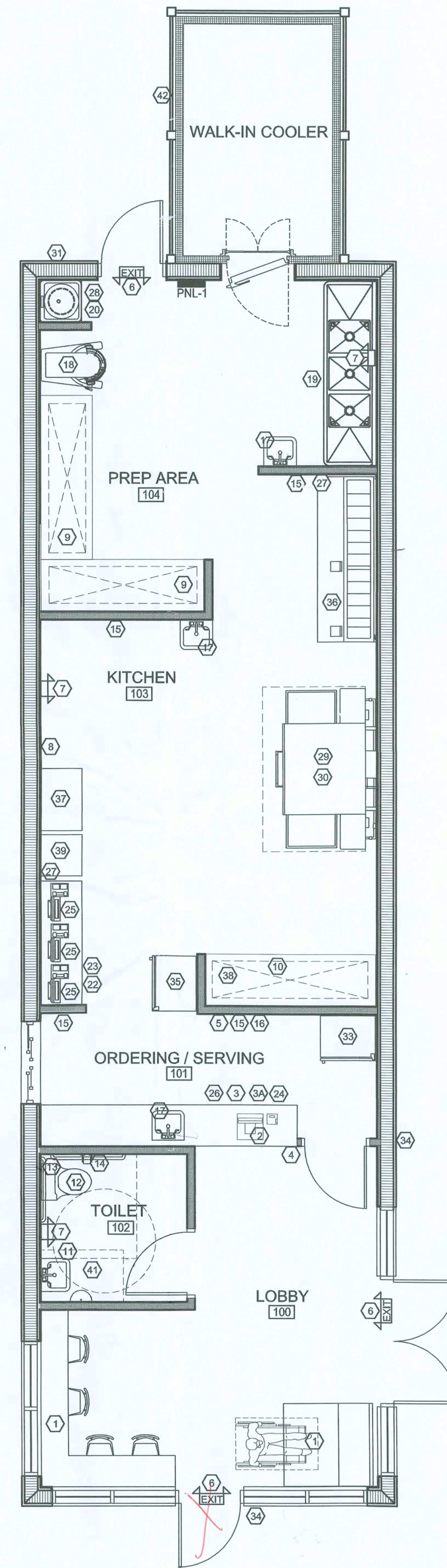
SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

**GENERAL NOTES**

1. ALL EXTERIOR DIMENSIONS ARE TO FACE OF BLOCK UNLESS OTHERWISE INDICATED.
2. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE INDICATED.
3. ALL STUD WALLS SURROUNDING KITCHEN AND RESTROOMS SHALL HAVE SOUND BATT INSULATION.
4. ALL CONSTRUCTION SHALL BE AS PER CODES STATED ON THE COVER SHEET.
5. THE ELEVATION OF FLOOR SURFACES ON BOTH SIDES OF ALL DOORS SHALL NOT VARY MORE THAN 1/2". THE ELEVATION SHALL BE MAINTAINED ON BOTH SIDES OF A DOORWAY FOR A DISTANCE AT LEAST EQUAL TO THE WIDEST LEAF. (TYPICAL)
6. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
7. IN THE EVENT THAT ANY SPECIAL SEQUENCING OF THE WORK IS REQUIRED BY OWNER, THE CONTRACTOR SHALL ARRANGE A CONFERENCE WITH THE OWNER FOR THE PURPOSE OF ESTABLISHING ANY SPECIAL SCHEDULING BEFORE ANY SUCH WORK IS BEGUN.
8. INDEFINITE UNDERGROUND UTILITIES OR OTHER SERVICES AS MAY BE UNCOVERED SHALL NOT BE DISTURBED BUT BROUGHT TO THE ARCHITECT'S ATTENTION FOR DIRECTION AS TO HOW TO PROCEED.

**WALL TYPE / SYMBOLS LEGEND**

- EXTERIOR 8" CMU WALL, FOAM INSULATION, 1 1/2" METAL STUDS WITH 5/8" DRYWALL
- NEW INTERIOR WALLS (NON-RATED): 2X4 @ 16" O.C., 5/8" PLYWOOD W/ CERAMIC TILE LOBBY AREA; 5/8" PLYWOOD 42" A.F.F. AND 5/8" GWB TO CEILING
- SEE DOOR SCHEDULE AND ELEVATIONS SHEET FOR ALL DOOR RELATED INFORMATION.
- SEE WINDOW INFORMATION AND ELEVATIONS FOR ALL WINDOW RELATED INFORMATION.
- SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR FINISHES AND FINISH REQUIREMENT.
- SEE WALL SECTIONS AND BUILDING SECTIONS AS PER TAG IDENTIFIED LOCATIONS FOR BUILDING MATERIAL INFORMATION.



**EQUIPMENT PLAN**  
 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"

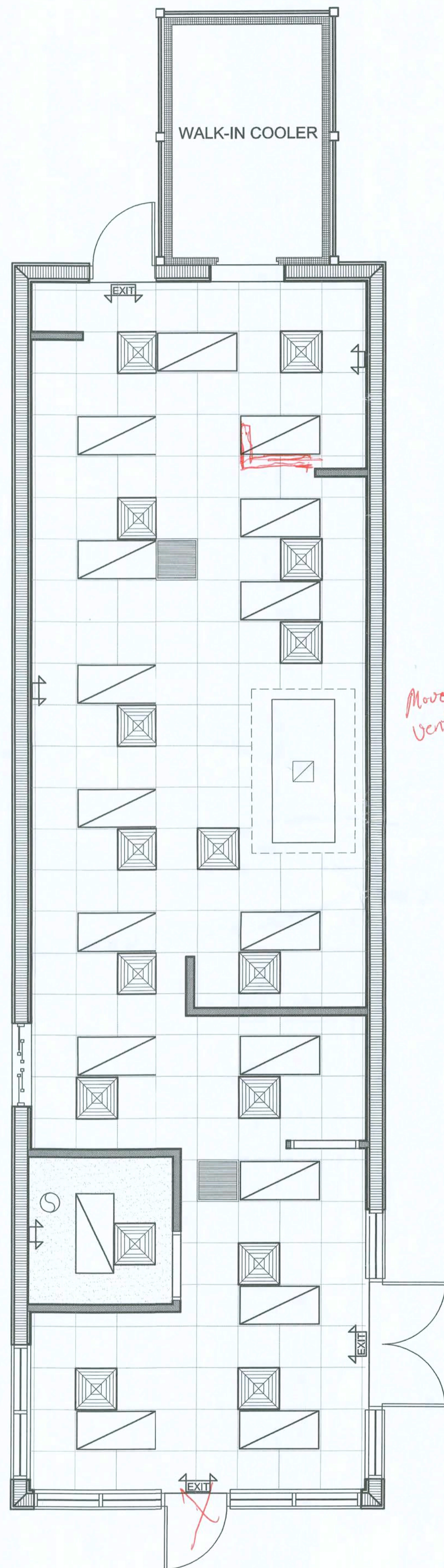
**HUNGRY HOWIE'S PIZZA**  
 119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

**PROPOSED FLOOR AND EQUIPMENT PLAN**

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**REFLECTING CEILING PLAN**  
 HUNGRY HOWIE'S PIZZA  
 SC: 1/4" = 1'-0"

**GENERAL ROOF NOTES**

- DIMENSIONS NOTED ON ROOF PLANS ARE MEASURED HORIZONTALLY. NOT ALONG SLOPE OF ROOF. COORDINATE WITH FLOOR PLAN.
- COORDINATE EXHAUST FAN AND VTR QUANTITY AND LOCATIONS WITH MECH/ PLUMBING DRAWINGS. ROOF PENETRATIONS SHALL BE TIED TOGETHER AS ALLOWABLE BY CODE REDUCE NUMBER OF PENETRATIONS.
- VTR AND EXHAUST PENETRATIONS SHALL BE MINIMUM OF 4'-0" FROM EDGE OF ROOF (TYP.) CENTER ALL PENETRATIONS BETWEEN ROOF PANEL CRIMPS.
- PROVIDE AND MAINTAIN A WARRANTY AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP INCLUDING WEATHER-TIGHTNESS. THE WEATHER-TIGHTNESS WARRANTY SHALL INCLUDE ROOF, RIDGE FLASHING ETC. MEETING THE WIND DESIGN SPEED FOR THE PROJECT LOCATION.
- SIZE AND INSTALL GUTTERS AND DOWNSPOUTS PER SMACNA GUIDELINES. LOCATE DOWNSPOUTS AS INDICATED IN DRAWINGS AND NOTIFY ARCHITECT IF ANY CONFLICTS OCCUR.

**ROOF LEGEND**

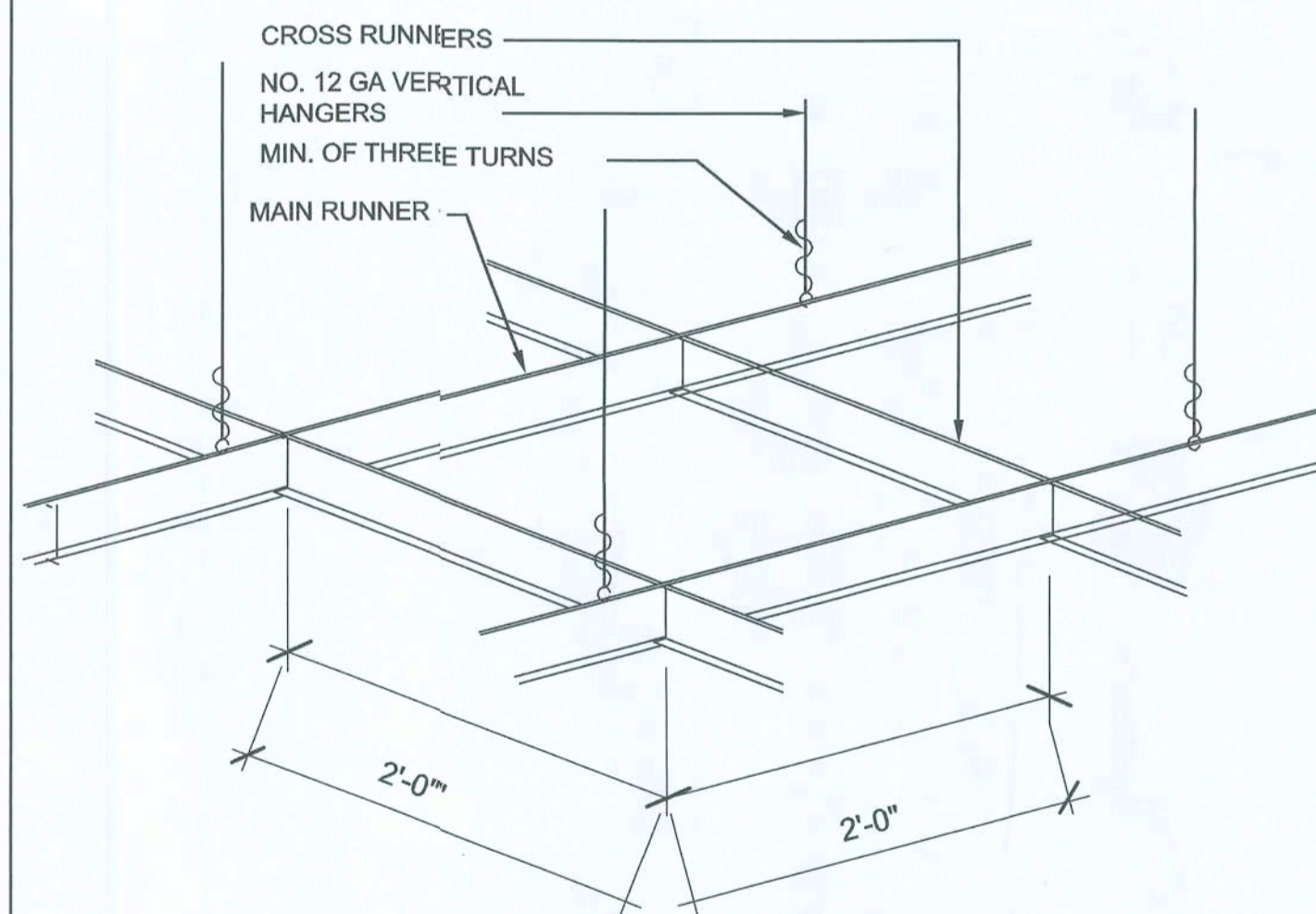
- EXTERIOR 8" CMU WALL, FOAM INSULATION, 1 1/2" METAL STUDS WITH 5/8" DRYWALL.
- SINGLE PLY, 60 MIL. FULLY ADHERED T.P.O. ROOFING ON RIGID INSULATION BOARD. INSTALL ROOFING AND ALL SYSTEM COMPONENTS PER MFR'S WRITTEN INSTRUCTIONS. BASIS OF DESIGN: CARLISLE SYNTEC INCORPORATED; SURE-WELD OR EQUIV. WITH R-19 RIGID INSULATION

**CEILING LEGEND**

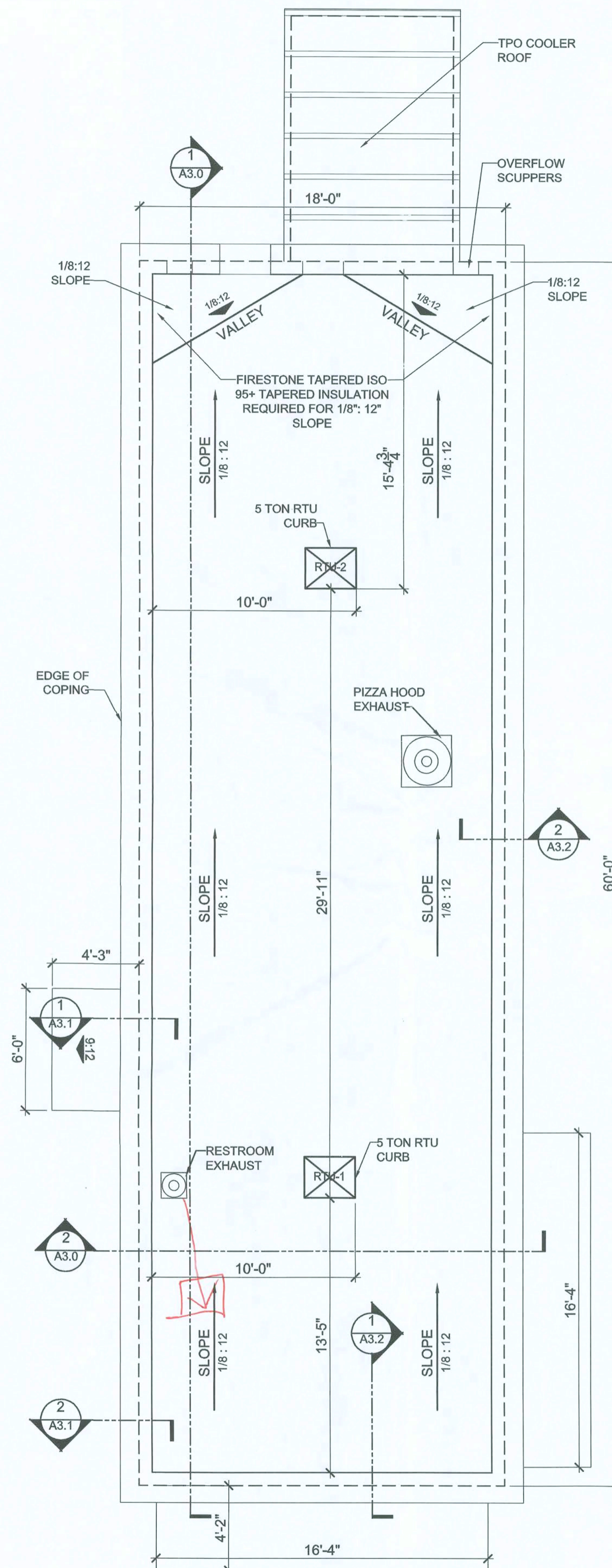
- 2X4 LED LAY-IN LIGHT FIXTURE
- 2X2 RETURN AIR DUCT
- RECESSED DOWN LIGHT
- 2X2 AIR VENT
- EXHAUST FAN AND CIRCUIT
- LITHONIA EXIT LIGHT / EMERGENCY LIGHT COMBO
- EMERGENCY LIGHT

**CEILING NOTES**

- GRID SYSTEM - ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE SYSTEM (DINING) / ARMSTRONG PRELUDE ALUMINUM CAP EXPOSED TEE SYSTEM (KITCHEN)
- CEILING PANELS; CERTAIN TEED FINE FISSURED #HHF-154, 2' X 2' X 5/8" REGULAR EDGE (DINING) / CERTAIN TEED VINYLROCK #1142-CRF-1, 2' X 2' X 1/2" SQUARE LAY-IN (KITCHEN) / ALL COLORS WHITE.
- 2 WIRE PER LIGHT FIXTURE ATTACHED BY OTHERS OR EQUAL.



**1 CEILING GRID DETAIL**  
 A1.1 HUNGRY HOWIE'S PIZZA SC: N.T.S.



**ROOF PLAN**  
 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"

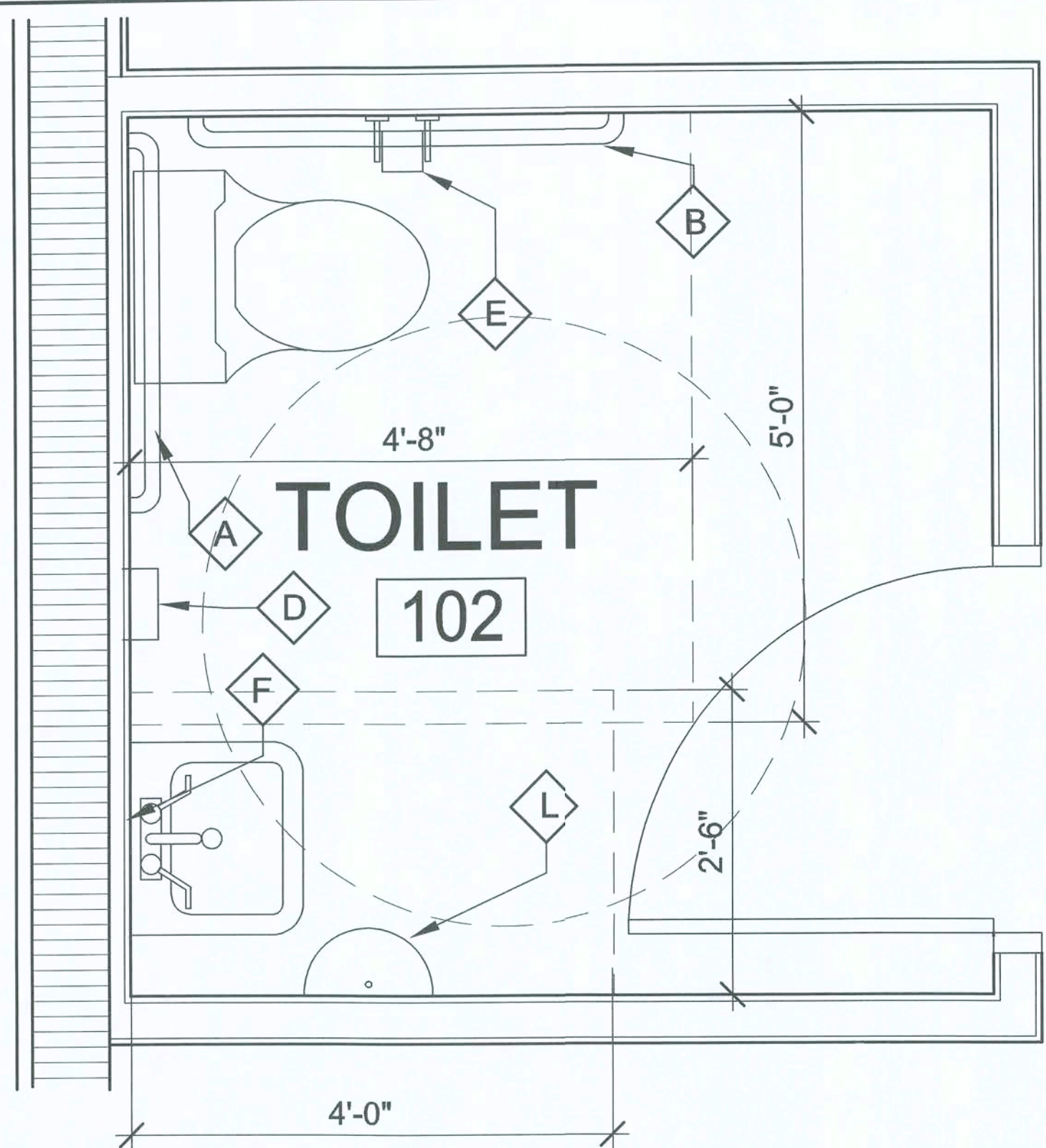
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 119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

REFLECTED CEILING AND ROOF PLAN

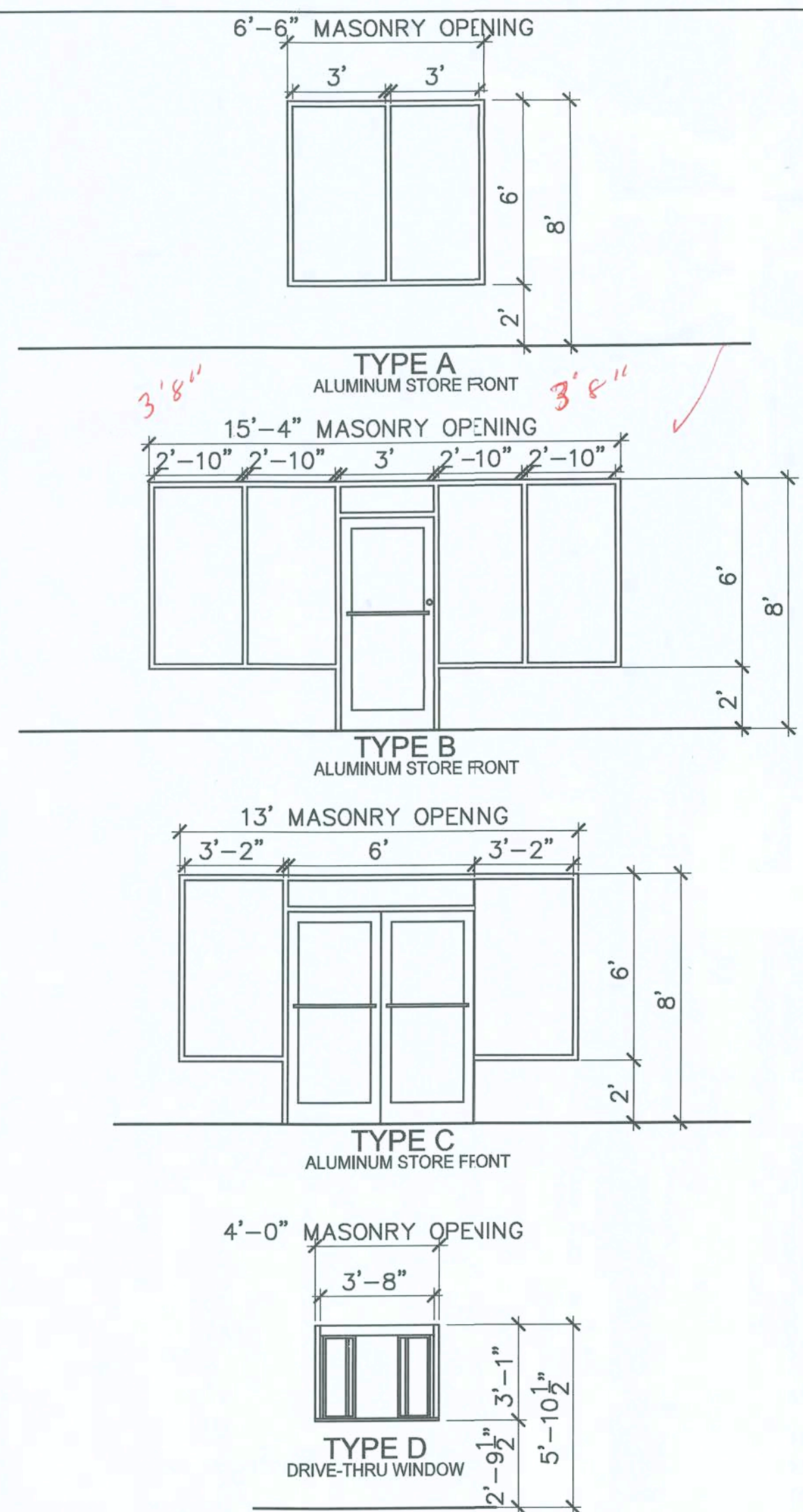
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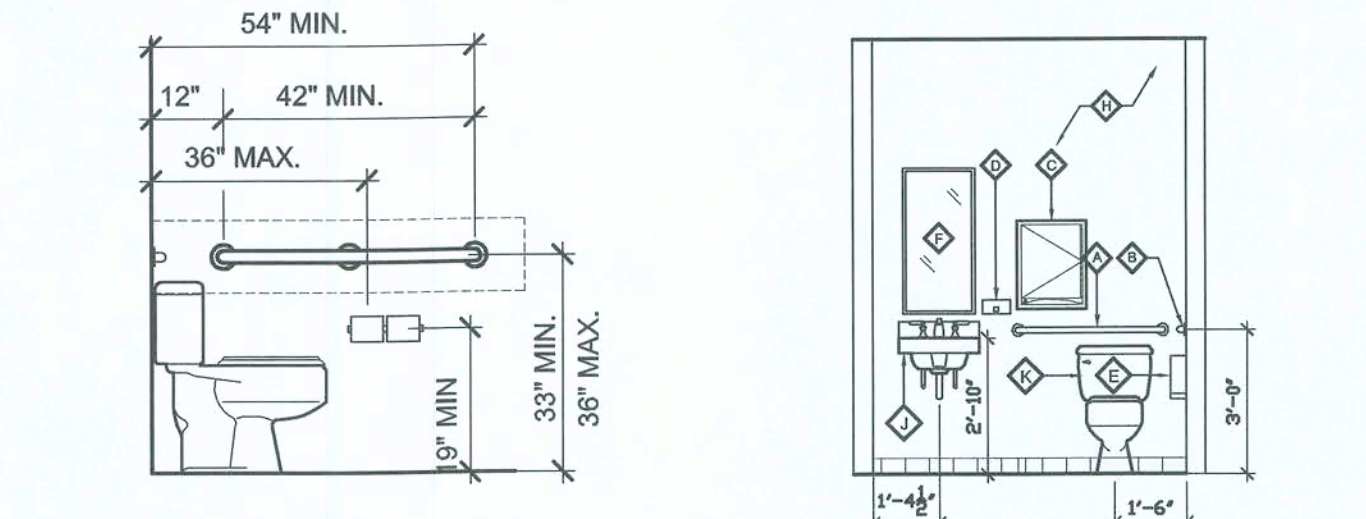
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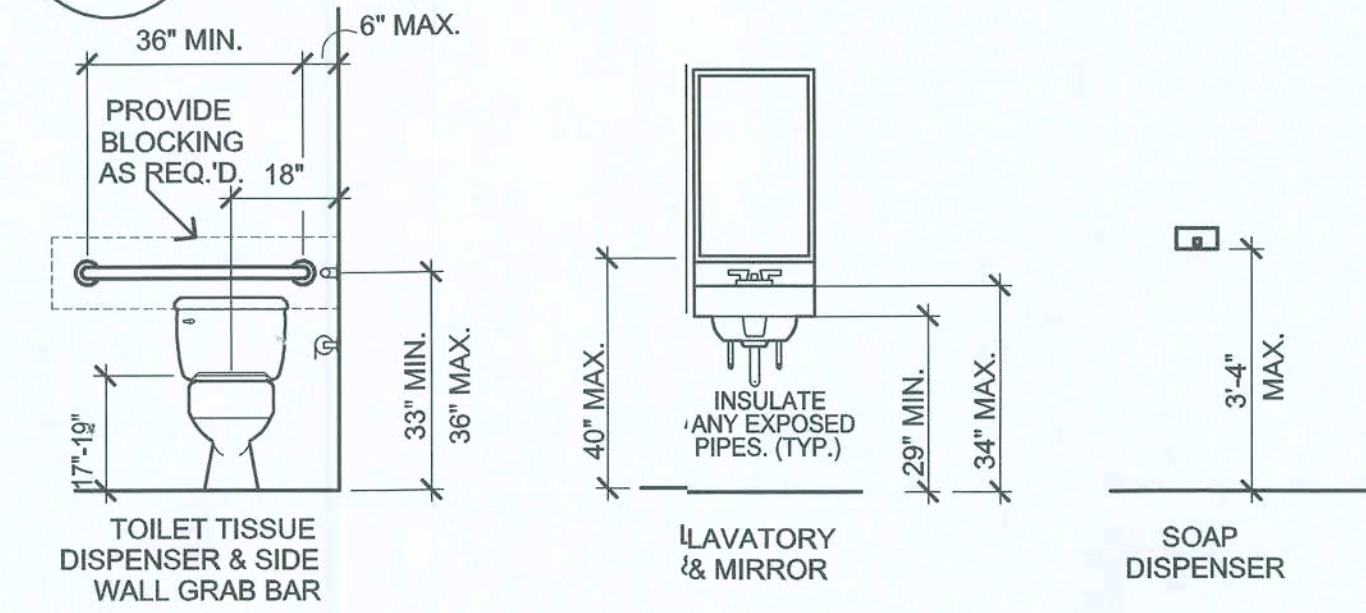
2  
A1.2 ENLARGED TOILET PLAN  
HUNGRY HOWIES PIZZA N.T.S.



3  
A1.2 GLAZING ELEVATIONS  
HUNGRY HOWIE'S SC: N.T.S.



1  
A1.2 TYPICAL ELEVATIONS  
SC: 1/4" = 1'-0"



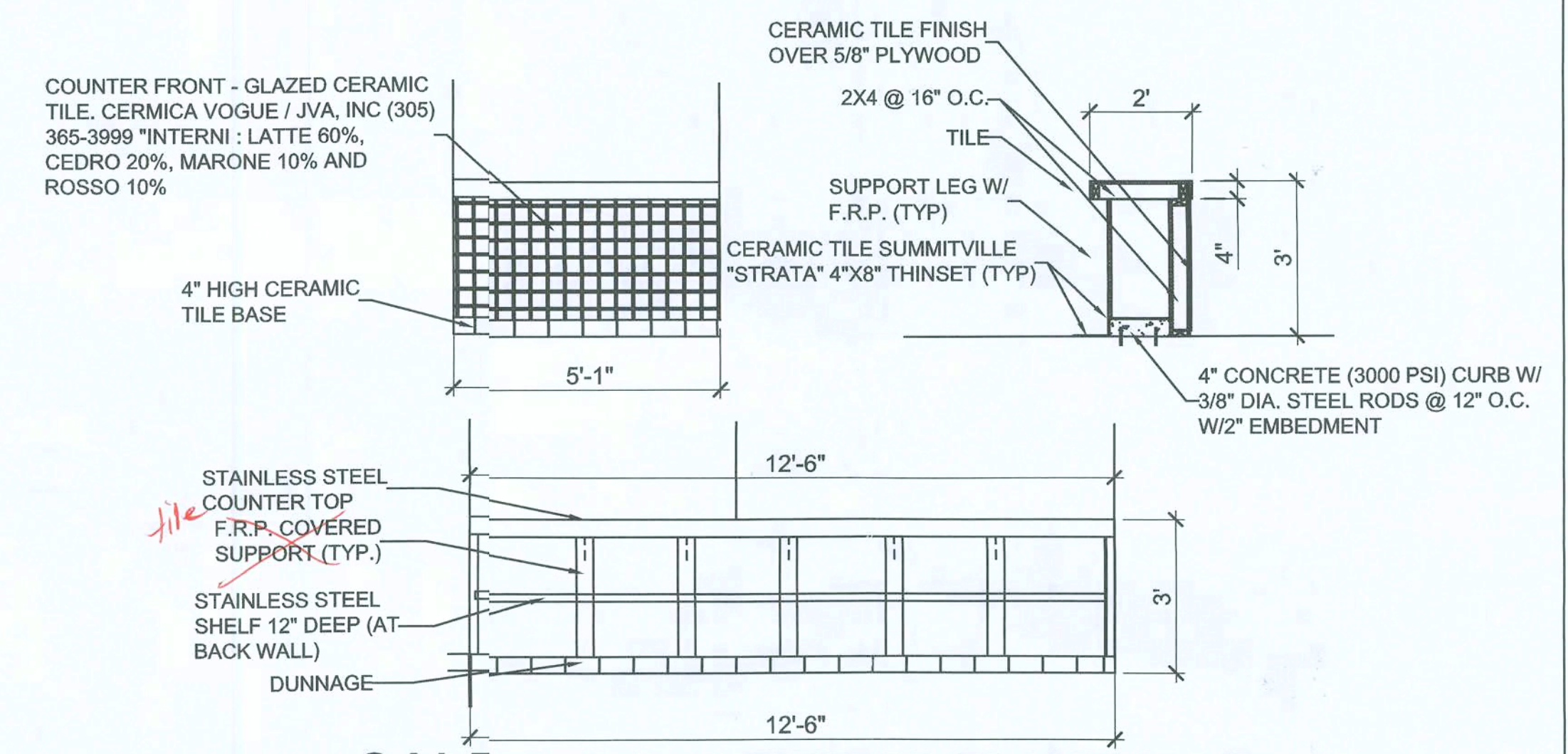
RESTROOM DETAILS / MOUNTING HEIGHTS

TOILET ACCESSORIES LEGEND	
ITEM	ITEM
1 1/2" DIA. GRAB BAR X 36" LONG (PEENED FINISH)	TILE WALL
1 1/2" DIA. GRAB BAR X 42" LONG (PEENED FINISH)	PAINTED G.W.B. WALL
PAPER TOWEL DISPENSER - SURFACE MOUNTED	A.D.A. COMPLIANT LAVATORY
SOAP DISPENSER - SURFACE MOUNTED	6" MAX FROM WALL EDGE
TOILET TISSUE DISPENSER - SURFACE MOUNTED	A.D.A. COMPLIANT TOILET
MIRROR 18" X 36"	ELECTRIC HAND DRYER

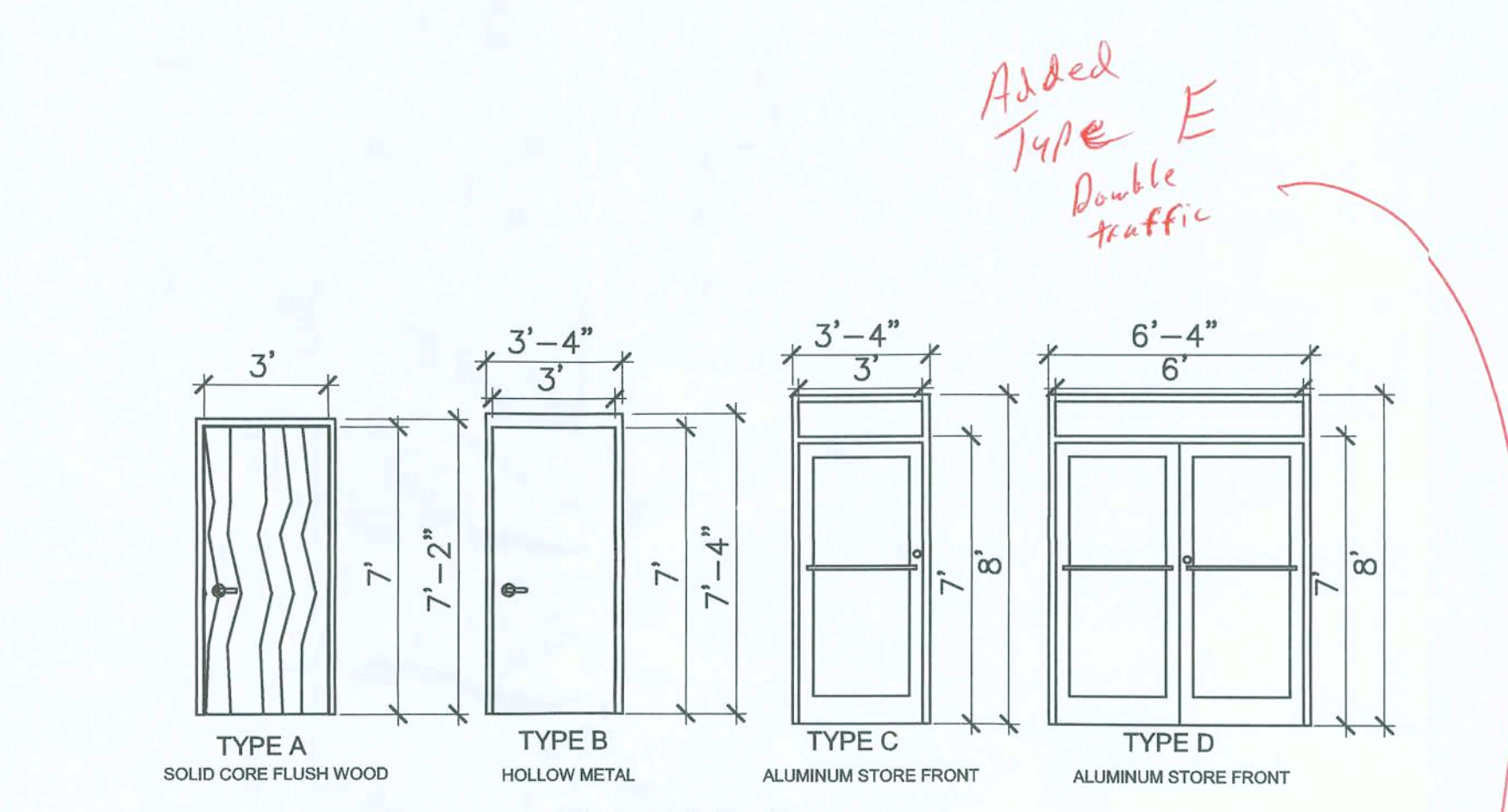
- NOTES:
- INSULATE ALL EXPOSED HOT WATER PIPING AT HANDICAP LOCATIONS.
  - LAVATORIES SHALL BE MOUNTED WITH LAVATORY APRON 2'-5" A.F.F. IN ACCORDANCE WITH FLORIDA BUILDING CODE ACCESSIBILITY REQUIREMENTS.
  - MIRRORS SHALL BE CENTERED OVER SINKS, TYPICAL U.N.O.
  - H/C TOILETS SHALL MEET REQUIREMENTS OF FLORIDA BUILDING CODE ACCESSIBILITY REQUIREMENTS.
  - SHOULD ANY DISCREPANCY BE FOUND BETWEEN ITEMS NOTED IN THE CONTRACT DOCUMENTS AND APPLICABLE CODES, THE CONTRACTOR SHOULD BRING ITEMS TO THE ATTENTION OF THE ARCHITECT PRIOR TO ORDERING.
  - PROVIDE SEALANT AROUND THE BASE OF ALL WATER CLOSETS.
  - ALL BLOCKING REQUIRED FOR INSTALLATION SHALL BE PROVIDED BY CONTRACTOR.

- GENERAL NOTES:
- ENLARGED TOILET PLANS SHOW LOCATION OF TOILET FIXTURES, ACCESSORIES, AND NOTES. SEE FLOOR PLAN FOR INFORMATION REGARDING WALL TYPES, CONSTRUCTION NOTES AND ROOM FINISHES.
  - ALL STUD WALLS SURROUNDING RESTROOMS SHALL HAVE SOUND ATTENUATION BATTING.
  - DIMENSIONS LOCATING TOILET ACCESSORIES ARE TYPICAL UNLESS NOTED OTHERWISE.
  - REFER TO FINISH SCHEDULE FOR ROOM FINISHES.
  - TYPICAL ELEVATIONS ARE SHOWN FOR CLARITY OF FIXTURE AND ACCESSORY LOCATIONS AND HEIGHTS. REFER TO PLANS FOR LOCATIONS.
  - ALL WALL MOUNTED GRAB BARS, SINKS OR OTHER EQUIPMENT SHALL HAVE BLOCKING INSTALLED AS REQUIRED.
  - GRAB BARS SHALL BE A MINIMUM 1 1/4" TO A MAX 1 1/2" OUTSIDE DIAMETER WITH A MINIMUM 1-1/2" CLEAR SPACE BETWEEN FINISHED FACE OF WALL AND BAR. MOUNT BARS TO SUPPORT A POINT LOAD OF 250 LBS. MIN.
  - PROVIDE 2X WOOD BLOCKING AT TOILET ACCESSORY LOCATIONS FOR MOUNTING PURPOSES.
  - ACCESSIBLE WATER CLOSETS, WHETHER FLOOR OR WALL MOUNTED SHALL HAVE THE SEAT, NOT RIM, AT 17" MIN. TO 19" MAX. ABOVE THE FINISHED FLOOR.
  - ALL RESTROOM DIMENSIONS MUST BE MAINTAINED TO ALLOW FOR CODE COMPLIANCE.

ALL OTHER PLUMBING FIXTURES, INCLUDING BUT NOT LIMITED TO - FIXTURES, HARDWARE, AND ACCESSORIES SHALL BE SELECTED BY OWNER UNLESS OTHERWISE NOTED ON DRAWINGS. CONTRACTORS ARE RESPONSIBLE FOR COORDINATING WITH OWNER.



4  
A1.2 SALES COUNTER ELEVATIONS  
HUNGRY HOWIE'S SC: 3/8" = 1'-0"



5  
A1.2 DOOR ELEVATIONS  
HUNGRY HOWIE'S SC: 1/4" = 1'-0"

FINISH SCHEDULE							
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL	CEILING	CEILING HEIGHT	REMARKS
100	LOBBY	CERAMIC TILE	CERAMIC TILE	PTD DRYWALL	2' X 2' ACOUST.	10'-0"	4' HIGH CERAMIC TILE WAINSCOT
101	ORDERING/SERVING	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	2' X 2' ACOUST.	10'-0"	
102	RESTROOM	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	DRY WALL	8'-0"	
103	KITCHEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	2' X 2' ACOUST.	10'-0"	
104	PREP AREA	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	2' X 2' ACOUST.	10'-0"	

- GENERAL NOTES:
- ALL DOORS SHALL BE OPERABLE BY A SINGLE EFFORT. THE DOORS AND CLOSERS SHALL BE ADJUSTED SUCH THAT EXTERIOR SWINGING DOORS CAN BE OPERATED BY NOT MORE THAN 8.5 POUNDS OF FORCE ON THE LATCH STILE. INTERIOR DOORS BY NOT MORE THAN 5.0 POUNDS OF FORCE. (SEE ALSO 553.48 (4), (1), (7), (8).
  - ALL DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90 DEGREES MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
  - HANDRAILS, PULLS, LOCKSETS, AND OTHER OPERATING MECHANISMS ON ENTRANCE DOORS, RESTROOM TOILET ROOM DOORS, AND OTHER MECHANISMS OR U-SHAPED HANDLES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND, DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. THIS REQUIREMENT SHALL BE SATISFIED BY THE 5 POUND FEET STANDARD AS DESCRIBED IN THE AMERICAN NATIONAL STANDARDS INSTITUTE (1986) 4.13.
  - THE ELEVATION OF FLOOR SURFACES ON BOTH SIDES OF ALL DOORS SHALL NOT VARY MORE THAN 1/2". THE ELEVATION SHALL BE MAINTAINED ON BOTH SIDES OF A DOORWAY FOR A DISTANCE OF AT LEAST EQUAL TO THE WIDEST LEAF. (TYPICAL)
  - ALL INTERIOR FINISH ON WALLS AND CEILINGS OF EXITS AND OF ENCLOSED TRAVEL CORRIDORS FURNISHING ACCESS THERETO OR WAY OF TRAVEL THEREFROM SHALL BE "CLASS A" OR "CLASS B" IN ACCORDANCE WITH SECTION 6-5 OF THE LIFE SAFETY CODE AND TABLE 803.5 FBC-B.
  - FIRE EXTINGUISHERS SHALL BE PROVIDED AND INSTALLED PER NFPA 101
  - ALL CEILINGS IN FOOD HANDLING AREAS SHALL BE NON-POUROUS AND EASILY CLEANABLE.
  - CEILING SPECS:  
A) GRID SYSTEM: ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE SYSTEM (DINING) / ARMSTRONG PRELUDE ALUMINUM CAP EXPOSED TEE SYSTEM (KITCHEN)  
B) CEILING PANELS; CERTAIN TEED; FINE FISSURED #HHF-154, 2' X 2' X 5/8" REGULAR EDGE (DINING) / CERTAIN TEED VINYLROCK #1142-CRF-1, 2' X 2' X 1/2" SQUARE LAY-IN (KITCHEN) / ALL COLORS WHITE.  
C) 2 WIRE PER LIGHT FIXTURE ATTACHED BY OTHERS OR EQUAL

MANUFACTURERS USED:	
CODE	MANUFACTURER
HA	HAGER HINGE
BES	BEST ACCESS SYSTEMS
CR	CORBIN RUSWIN
BAL	BALDWIN
VD	VON DUPRIN
DA	DORMA
HES	HES ASSA ABLOY

DOOR SCHEDULE							
NO.	DOOR TYPE	SIZE	LABEL	FRAME TYPE	FIRE RATE	HARDWARE	NOTES
100a	C	3'-0" X 7'-0"	N/A	ALUM.	N/A	MANUF. STANDARD	
100b	D	6'-0" X 7'-0"	N/A	ALUM.	N/A	MANUF. STANDARD	
101	A	3'-0" X 7'-0"	N/A	H.M.	N/A	2	
102	A	3'-0" X 7'-0"	N/A	H.M.	N/A	1	
104	B	3'-0" X 7'-0"	N/A	H.M.	N/A	3	

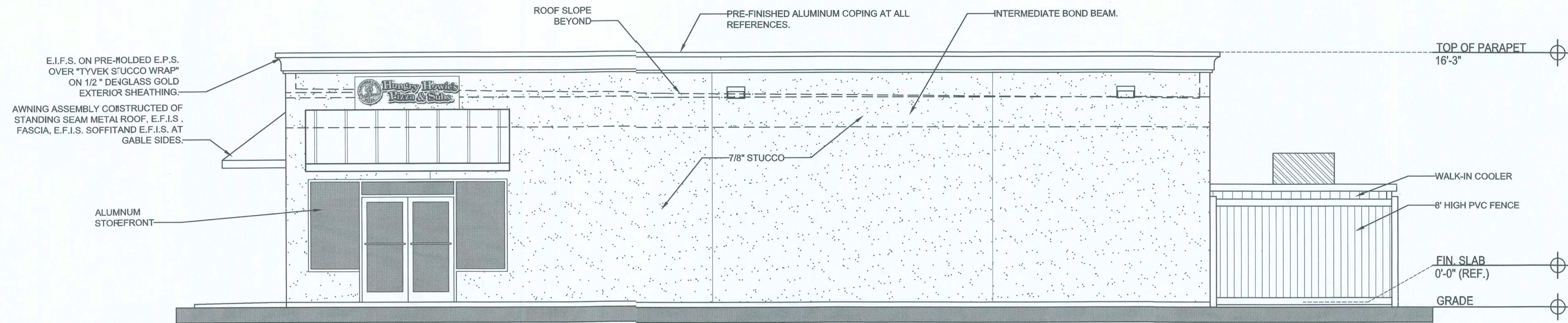
HARDWARE SCHEDULE							
MARK	QTY	ITEM	MODEL NUMBER	FINISH	MFG.	REMARKS	
1	3	HINGES	BB1279 4 1/2 X 4 1/2	US26D	HA		
	1	PRIVACY LOCKSET	5K OR 15-STL-626	US26D	BES		
	1	CLOSER	DC3200-A1-626-(RH/LH)-M54	US26D	CR		
	1	STOP	236 W	US32D	HA		
	2	SILENCERS	307D	GREY	HA		
2	3	HINGES	BB1279 4 1/2 X 4 1/2	US26D	HA		
	1	PASSAGE LOCKSET	5K-O-N-15-C-STK-626	US26D	BES		
	1	STOP	236 W	US32D	HA		
	2	SILENCERS	307D	GREY	HA		
	1	KICKPLATE	190S-8" X 30"	US32D	HA		
3	3	HINGES	BB1279 4 1/2 X 4 1/2	US26D	HA		
	1	PUSH PLATE	2280-150	US26D	BAL		
	3	PULL	2355-150	US26D	BAL		
	1	DEADBOLT	3114	US26D	HA		
	1	SILENCERS	307D	GREY	HA		

HUNGRY HOWIES PIZZA  
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SCHEDULES AND DETAILS

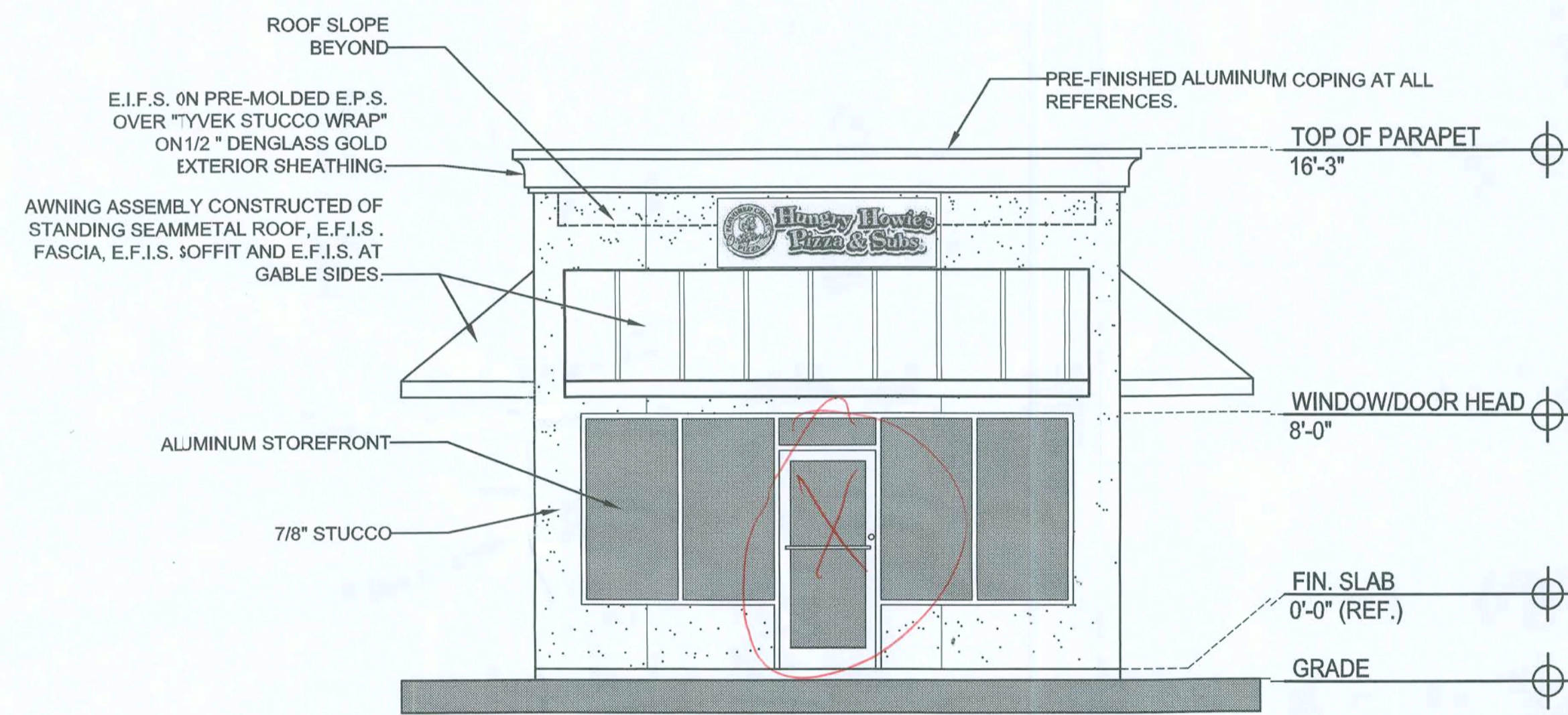
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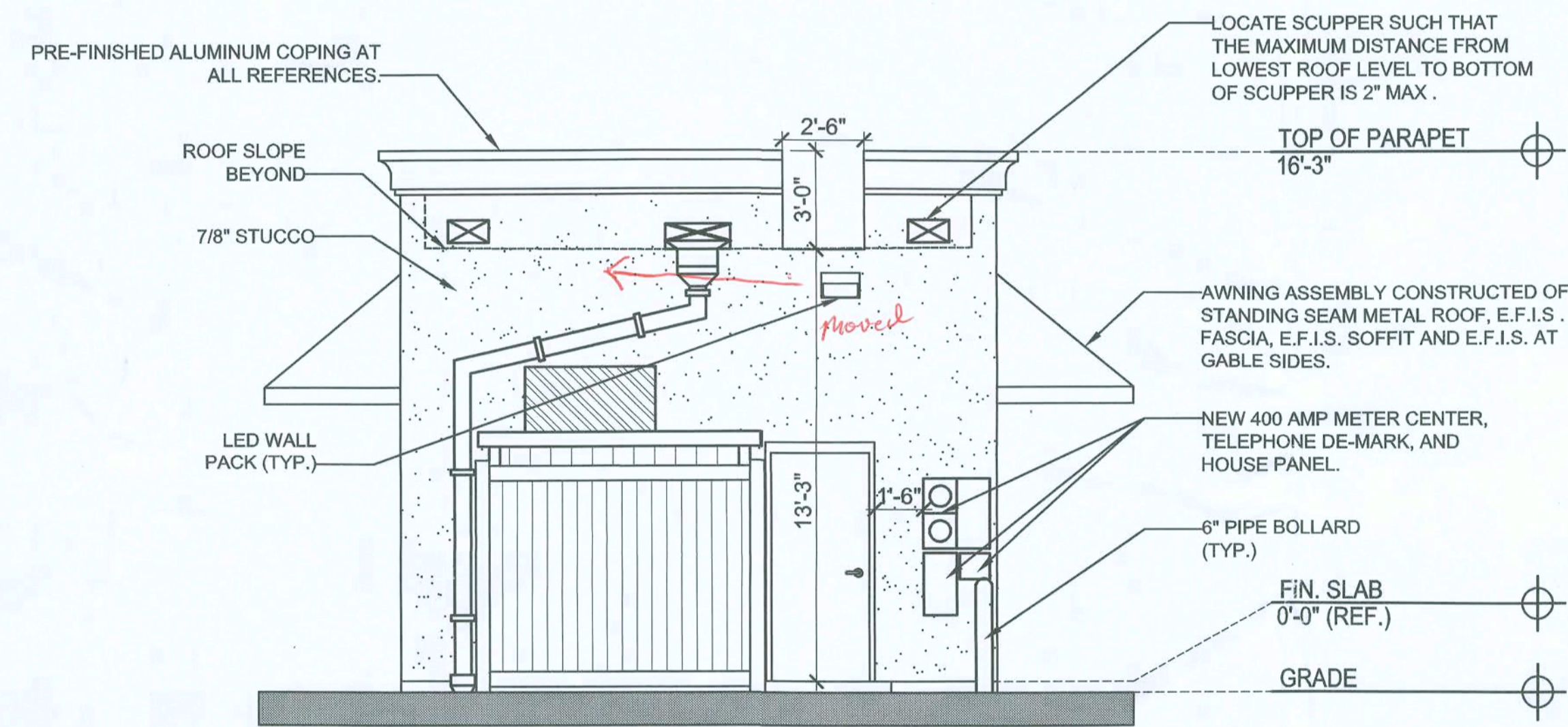
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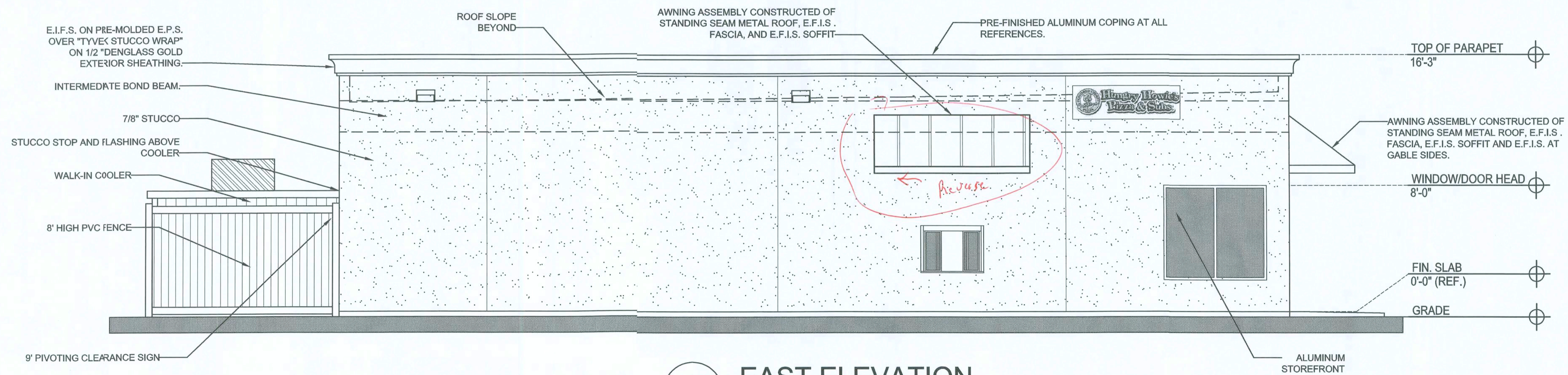
1 WEST ELEVATION  
A2.0 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"



2 NORTH ELEVATION  
A2.0 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"



3 SOUTH ELEVATION  
A2.0 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"



4 EAST ELEVATION  
A2.0 HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"

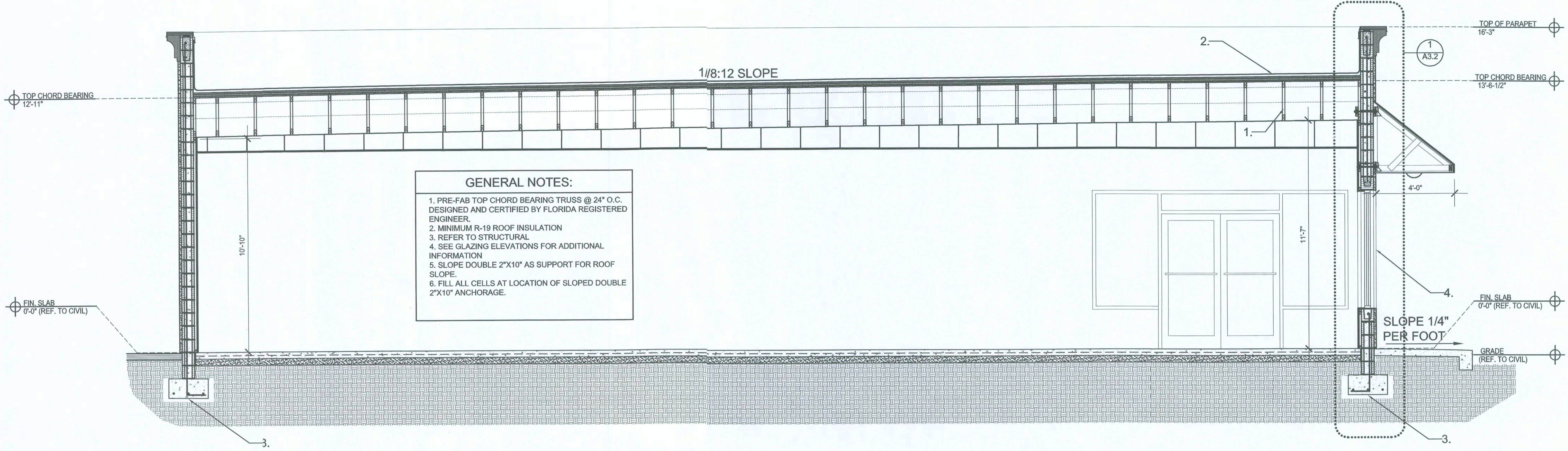
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HUNGRY HOWIE'S PIZZA  
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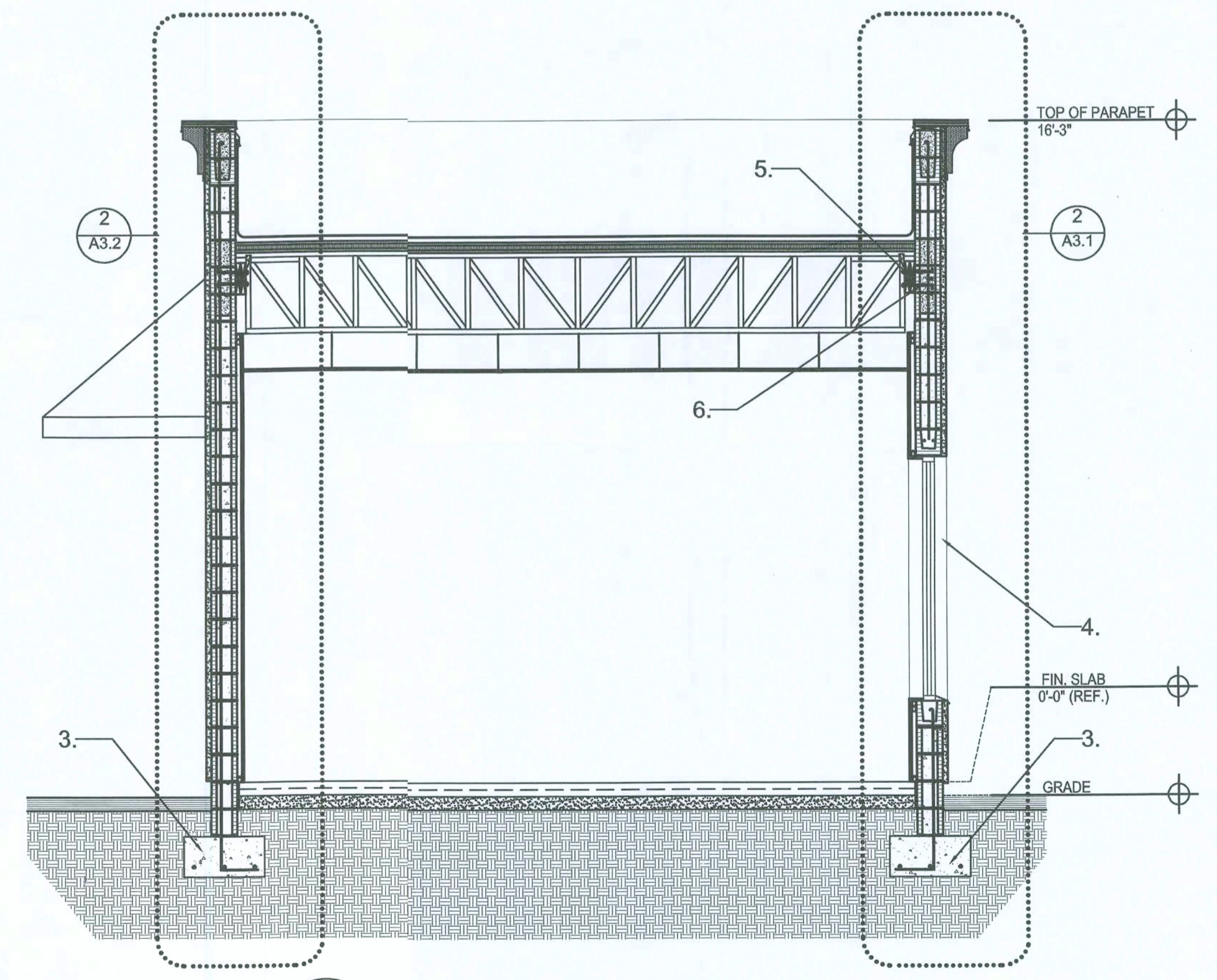
EXTERIOR ELEVATIONS

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1 BUILDING SECTION  
 A3.0 HUNGRY HOWIE'S PIZZA SC: 3/8" = 1'-0"



2 BUILDING SECTION  
 A3.0 HUNGRY HOWIE'S PIZZA SC: 3/8" = 1'-0"

HUNGRY HOWIE'S PIZZA  
 119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

BUILDING SECTIONS

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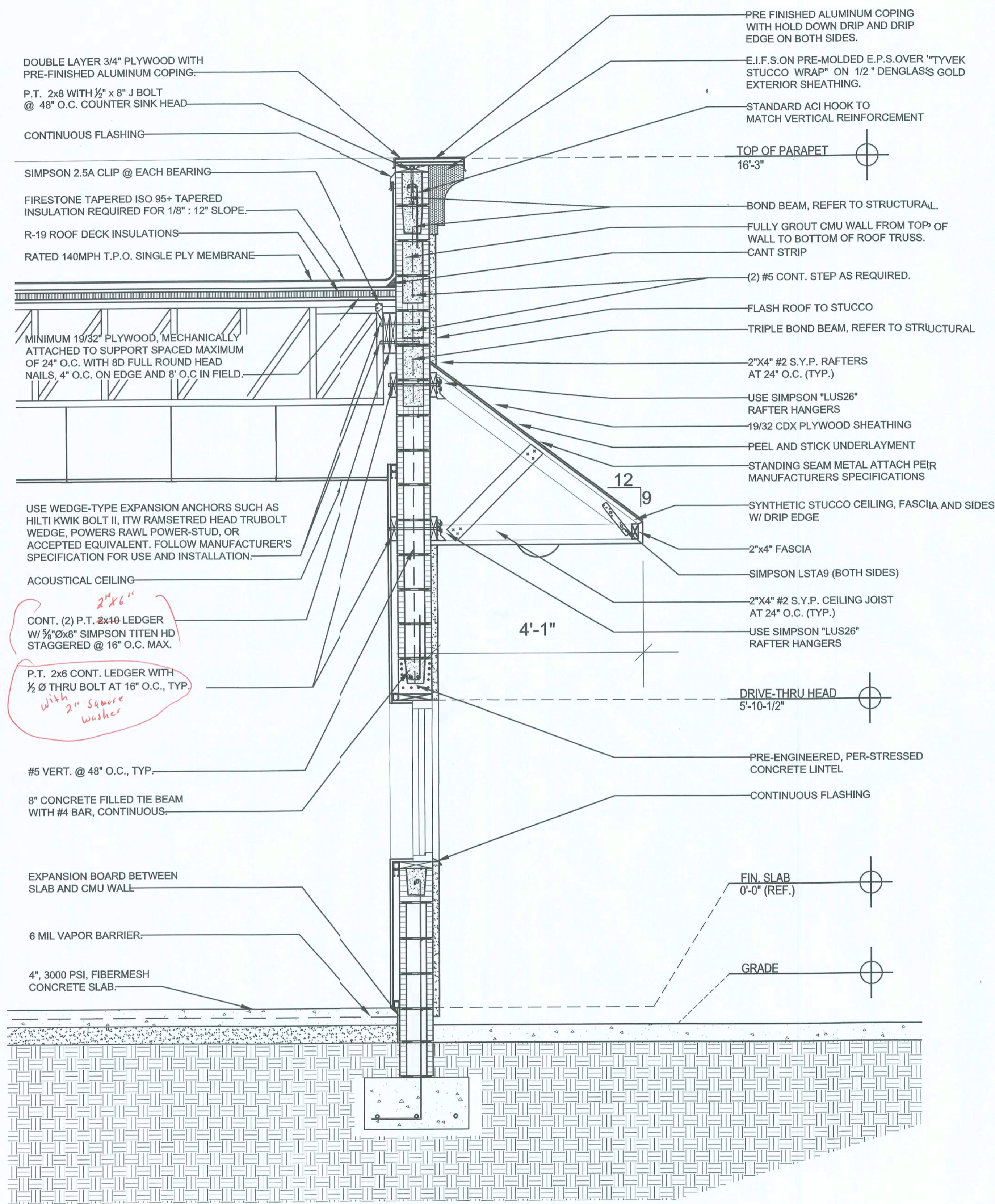
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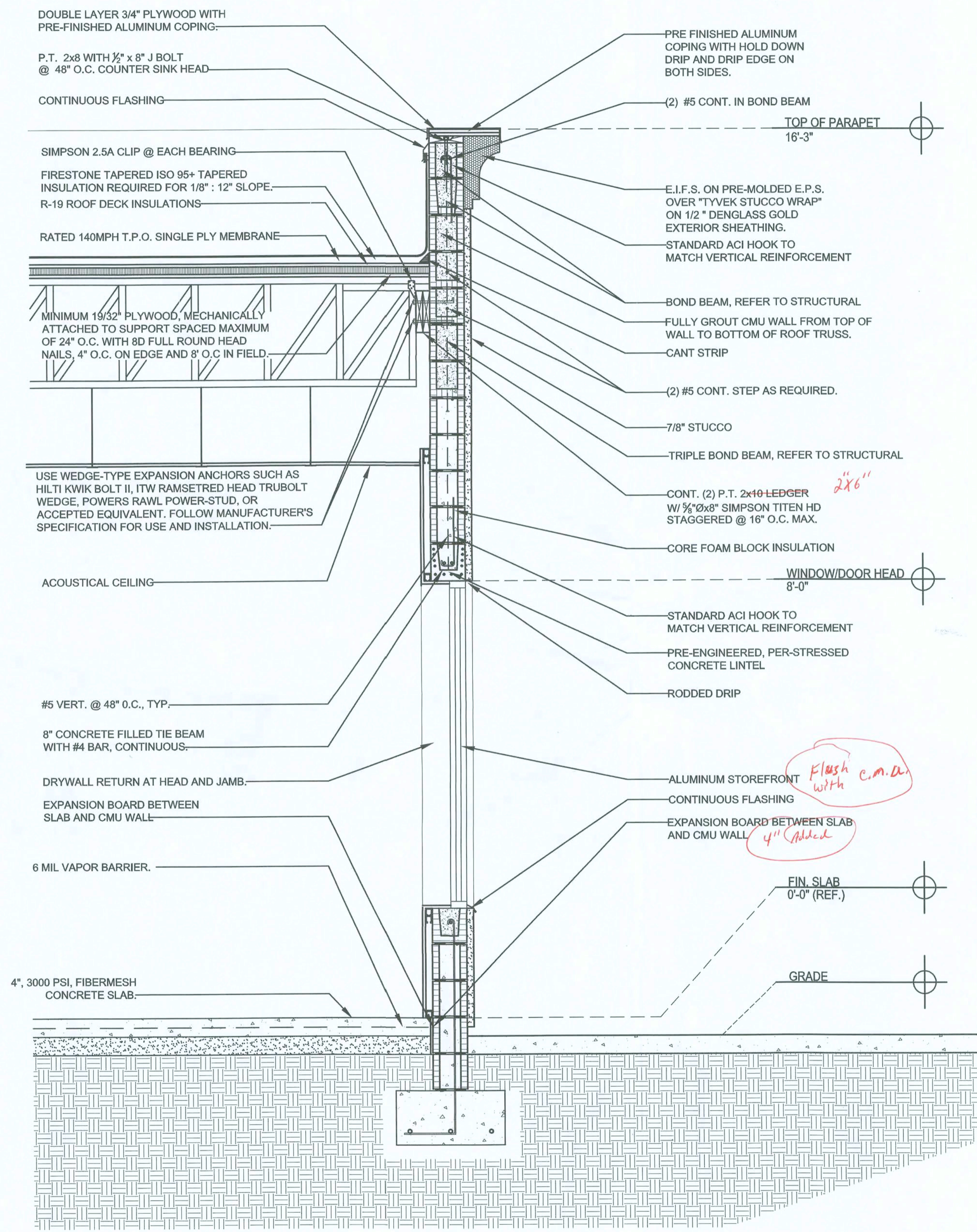
WALL SECTIONS



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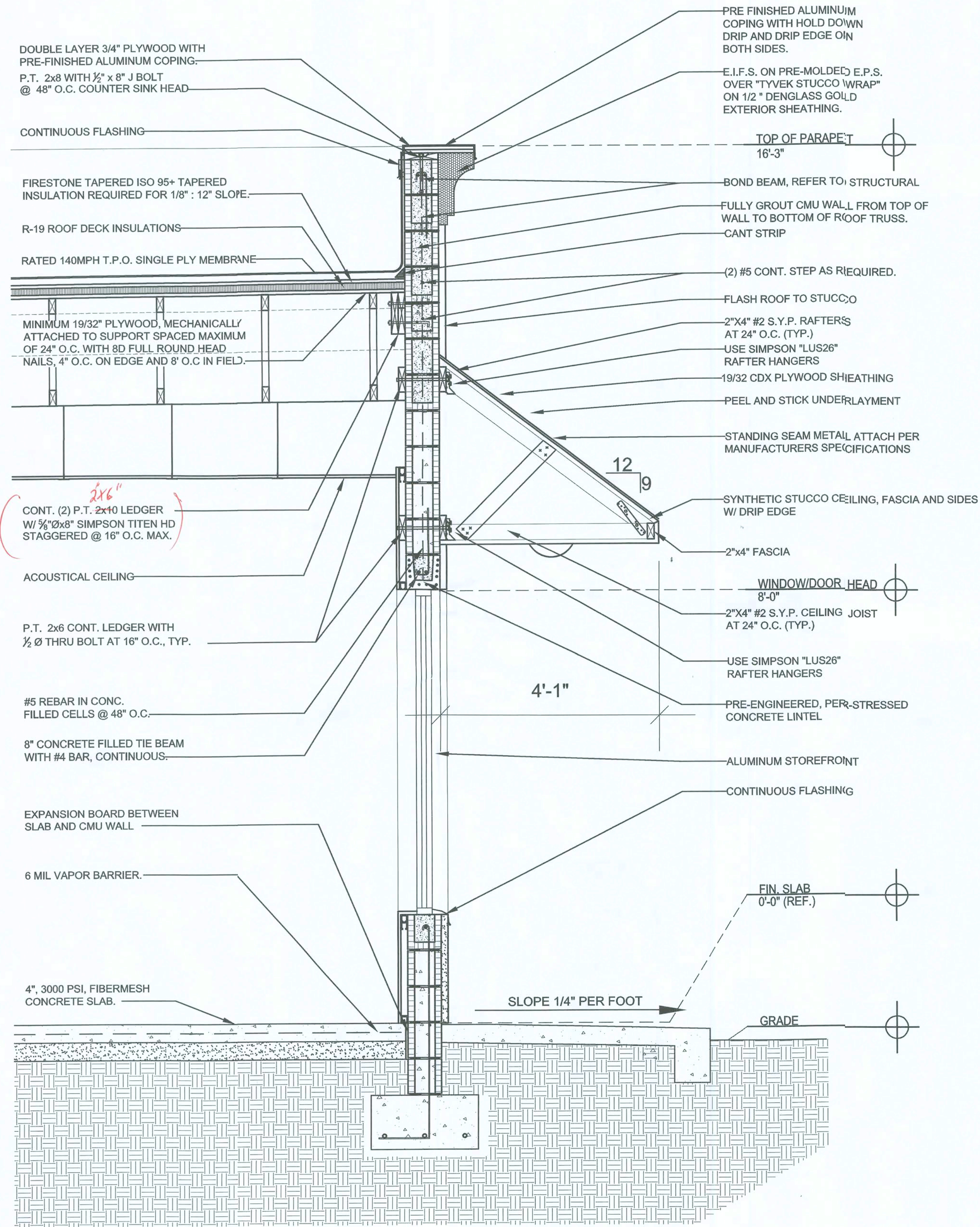


1 WALL SECTION  
A3.1 HUNGRY HOWIE'S PIZZA SC: 3/4" = 1'-0"

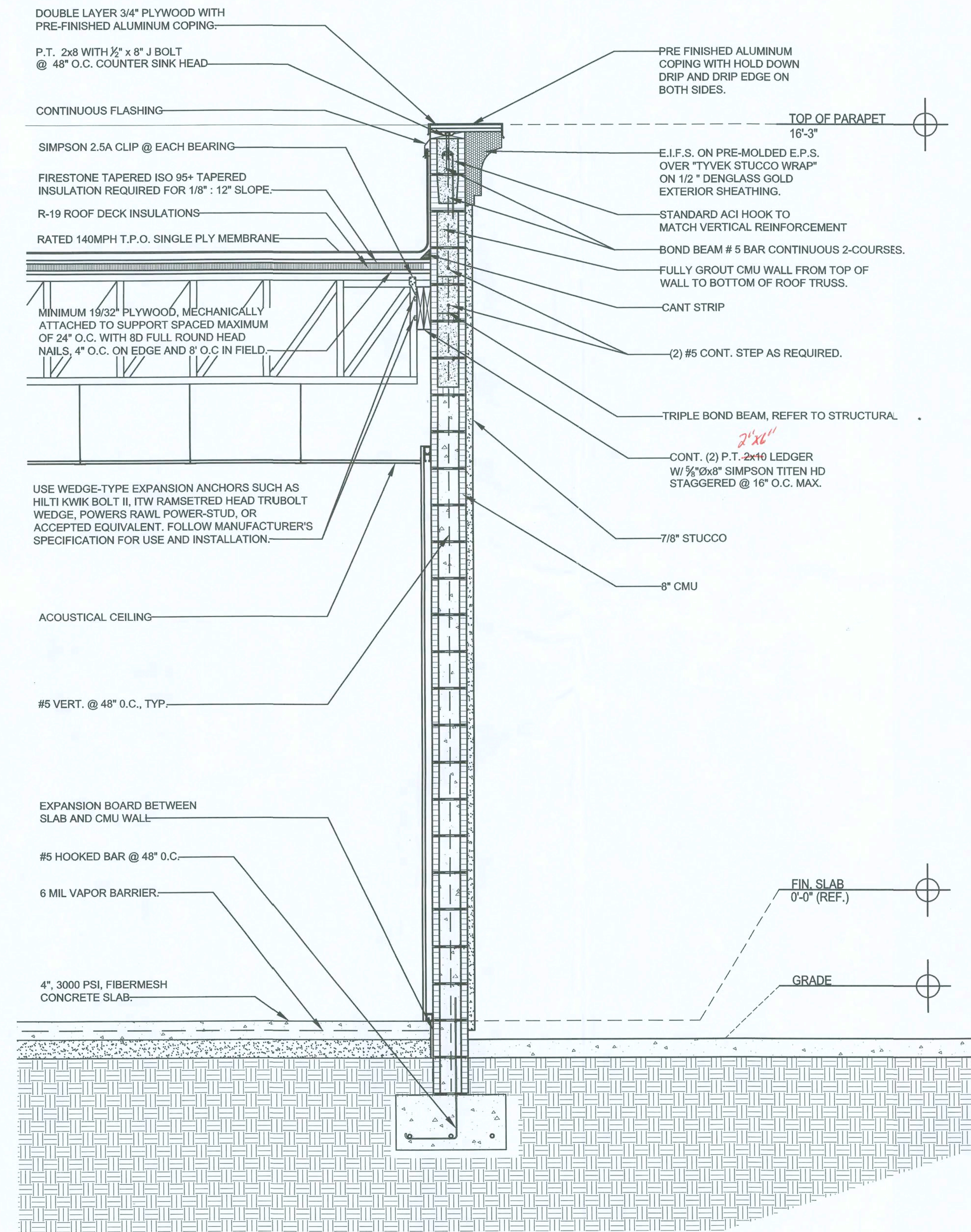


2 WALL SECTION  
A3.1 HUNGRY HOWIE'S PIZZA SC: 3/4" = 1'-0"

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1 WALL SECTION  
A3.2 HUNGRY HOWIE'S PIZZA SC: 3/4" = 1'-0"



2 WALL SECTION  
A3.2 HUNGRY HOWIE'S PIZZA SC: 3/4" = 1'-0"

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HUNGRY HOWIE'S PIZZA  
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WALL SECTIONS

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# PLUMBING NOTES

1. PLUMBING DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THE CONTRACT - REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS.
2. INSTALL ALL WORK IN ACCORDANCE WITH THE FLORIDA PLUMBING CODE, FLORIDA FIRE PREVENTION CODE, LOCAL PLUMBING CODES. WHERE CONFLICTS OCCUR BETWEEN DOCUMENTS AND CODES, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.
3. ALL WORK SHALL BE INSTALLED IN A WORKMANLIKE MANNER BY EXPERIENCED TRADESMEN.
4. CONTRACTOR SHALL FIELD VERIFY ALL GIVEN MEASUREMENTS PRIOR TO LAYING AND CONNECTING ALL SANITARY AND WASTE PIPING AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SUPPORTING DEVICES FOR ALL FIXTURES INCLUDED IN CONTRACT OR HEREIN SPECIFIED OR OTHERWISE.
6. CONTRACTOR SHALL GIVE 24 HOURS NOTICE TO APPLICABLE UTILITY COMPANY PRIOR TO PERFORMING WORK INVOLVING UTILITIES.
7. PLUMBERS SHALL BE LICENSED BY STATE AND LOCAL AUTHORITIES TO INSTALL ALL PIPING.
8. GENERAL CONTRACTOR IS TO VERIFY ALL IN-SLAB - ROUGH-IN LOCATIONS BEFORE POURING SLABS.
9. LOCATIONS OF ANY WASTE & SUPPLY LINES SHOWN ARE ONLY APPROXIMATE. PLUMBING CONTRACTOR SHALL VERIFY THESE LOCATIONS BEFORE PROCEEDING WITH WORK.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY FITTINGS AS REQUIRED BY ALL APPLICABLE CODES AND GOVERNING AUTHORITIES.
11. CONTRACTOR SHALL VERIFY AND CORRECT AS REQUIRED TO MEET ALL CODES AND REGULATIONS ANY POSSIBLE DISCREPANCIES BETWEEN TYPE AND SIZE OF CONNECTION SPECIFIED IN PLUMBING FIXTURE SCHEDULE AND FIXTURES ACTUALLY INSTALLED ON THE SITE.
12. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FIRE RATING AND WEATHERPROOFING INTEGRITY OF ALL PIPING AND PENETRATIONS.
14. UTILITY CONNECTIONS INDICATED ON THE PLANS ARE BEST INFORMATION AVAILABLE TO THE DESIGNERS AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
15. ALL POTABLE WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH SECTION 1207 OF THE STANDARD PLUMBING CODE AND VERIFIED BY WRITTEN REPORT FROM THE FLORIDA STATE BOARD OF HEALTH.
16. ALL PLUMBING LINES SHALL BE CONCEALED IN FLOORS, WALLS, OR ABOVE CEILINGS AS APPLICABLE EXCEPT AT IMMEDIATE FIXTURE.
17. PVC PIPING SHALL NOT BE USED IN UNENCLOSED LOCATIONS WITHIN THE BUILDING. COPPER IS ACCEPTABLE.
18. ALL SANITARY PIPING SHALL HAVE A 1/8" PER FOOT SLOPE UNLESS OTHERWISE NOTED.
19. VALVES AND FITTINGS SHALL BE OF SAME SIZE AS LINE ON WHICH THEY ARE LOCATED, UNLESS OTHERWISE INDICATED ON DRAWINGS.
20. ALL WATER SUPPLY AND SANITARY LINES SHALL BE RUN AS CLOSE TO PLANS AS POSSIBLE WITH NO CHANGES IN SIZING.
21. ROUTE ALL PIPING CONCEALED ABOVE CEILINGS, WITHIN WALLS, OR IN CHASES EXCEPT AS SPECIFICALLY NOTED.
22. CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
23. ALL WATER PIPING INSTALLED IN EXTERIOR WALLS SHALL BE PLACED ON THE INTERIOR SIDE OF THE WALL, SO THAT WALL INSULATION CAN BE PLACED ON THE EXTERIOR SIDE OF THE PIPING.
24. PROVIDE CUT-OFF VALVES AT LAVATORIES, SINKS, WATER CLOSET, AND REFRIGERATOR ICE MAKER SUPPLY BOXES.
25. PROVIDE SHUT-OFF VALVE FOR MAIN SERVICE ENTER INTO BUILDING.
26. WATER HEATER SHALL BE PLACED IN A METAL PAN WITH 4" SDES AND 2" TRAPPED WASTE. 3/4" PRESSURE RELIEF LINES FROM WATER HEATER SHALL LEAD DIRECTLY TO EXTERIOR.
27. VENT PIPING SHOWN ON FLOOR PLANS IS ONLY INDICATIVE EXCEPT FOR VTR LOCATIONS.
28. ALL VENTS THROUGH ROOF SHALL BE MIN. 10'-0" FROM ANY AIR INTAKES.
29. ALL HOSE BIBS AND FAUCET WITH HOSE THREAD CONNECTION TO HAVE VACUUM BREAKER.
30. PLUMBING CONTRACTOR SHALL VERIFY IF PRESSURE REDUCING VALVE IS NEEDED.
31. ALL NEW HOT WATER PIPING THAT WILL CONVEY WATER IN EXCESS OF 105 DEGREES SHALL BE INSULATED AS PER ENERGY CODE SECTION 13-411.4B.2 AND RELATED TABLE.
32. GREASE RECEPTOR TO BE 750 GALLONS UNLESS APPROVED BY THE POLK COUNTY HEALTH DEPARTMENT.

## PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	RUN-OUT SIZES			DESCRIPTION
		WASTE	CW	HW	
P-1	WATER CLOSET (ADA COMPLIANT)	3"	1"	-	FLUSH VALVE TYPE TOILET (ADA), SELECTED BY OWNER
P-2	LAVATORY (ADA COMPLIANT) MOUNT IN ACCORDANCE W/ ARCH. PLANS	1-1/4"	1/2"	1/2"	LAVATORY; CRANE "1412", VITREOUS CHINA, WALL-MOUNTED LAVATORY, KEENEY 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT, 1/2" X 3/8" ANGLE STOPS & SUPPLIES (CHROME) INSULATED DRAIN AND SUPPLY FITTINGS WITH PVC JACKET, ADA COMPLIANT WITH CONCEALED WALL CARRIER, FAUCET TO BE SELECTED BY OWNER (PROVIDE ALLOWANCE)
P-3	THREE COMPARTMENT SINK	1-1/2"	1/2"	1/2"	PROVIDED BY OWNER
P-4	WATER HEATER	-	3/4"	3/4"	"LOW BOY" ELECTRIC 40 GAL HOT WATER HEATER
P-5	MOP SINK	-	3/4"	3/4"	RECESSED-TILE MOP SINK <i>Terrazo</i>
P-6	HAND SINK	-	3/4"	3/4"	PROVIDED BY OWNER
P-7	FLOOR DRAIN	3"	-	-	SELF PRIMING
P-8	GREASE TRAP	3"	-	-	REFER TO CIVIL
P-9	FLOOR SINK	3"	-	-	ZURN FD-2370PVC FLOOR SINK W/ DOME STRAINER AND 1/2 GRATE

### PLUMBING FIXTURE NOTES:

1. ALL FAUCETS, DRAINS, TRIM, AND FIXTURE ACCESSORIES SHALL HAVE AN OIL-RUBBED BRONZE FINISH UNLESS OTHERWISE INDICATED.
2. ALL FIXTURES SHALL BE COMPLETE WITH FAUCETS, DRAINS, P-TRAPS, STOP VALVES, AND SUPPLY LINES.
3. ALL FIXTURES SHALL BE WHITE UNLESS OTHERWISE INDICATED.
4. ALL TOILETS SHALL BE 12" ROUGH-IN.
5. CONTRACTOR SHALL PROVIDE ALL PIPING, VALVES, FITTINGS, ETC. AS NECESSARY FOR COMPLETE AND OPERATIONAL USE OF ALL FIXTURES.
6. ALL PLUMBING PIPES SHALL BE INSULATED WITH 3/4" ARMAFLEX PIPE INSULATION.
7. ALL ADA LAVATORY TRIM SHALL BE INSULATED WITH 1/2" ARMAFLEX PIPE INSULATION AND WRAPPED WITH PRE-FORMED PVC JACKET KITS.

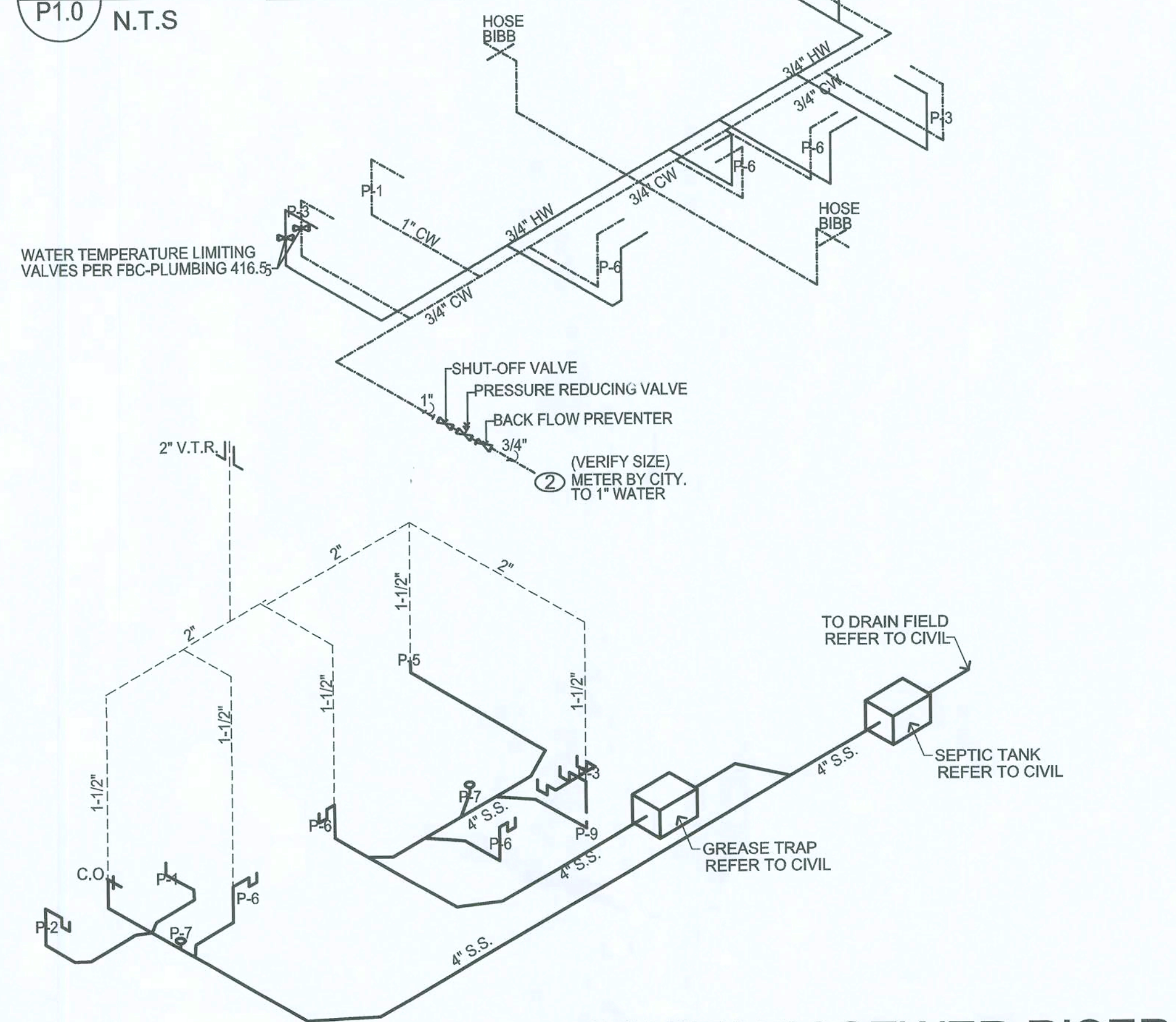
### PLUMBING FIXTURE ALLOWANCE NOTE:

THE ABOVE SPECIFICATIONS ARE GIVEN AS EITHER AN ALLOWANCE COST AMOUNT OR BASIS OF DESIGN SPECIFICATION. THE CONTRACTOR SHALL INCORPORATE THESE SPECIFICATIONS AND ALLOWANCES INTO THE BASE BID. THE COST ALLOWANCES GIVEN ARE FOR COST OF FIXTURE/MATERIAL ONLY AND DO NOT INCLUDE LABOR / INSTALLATION COSTS. THE CONTRACTOR SHALL INCORPORATE ALL NECESSARY LABOR / INSTALLATION COSTS INTO THE BASE BID.

UNLESS NOTED OTHERWISE, EACH COST ALLOWANCE GIVEN IS ON A PER-FIXTURE BASIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING OFF FIXTURE COUNTS FROM THE DRAWINGS AND DETERMINING THE OVERALL COST ALLOWANCE FOR EACH CATEGORY. THE OMISSION OF AN ITEM OR COMPONENT FROM THE FOLLOWING LIST DOES NOT RELIEVE THE CONTRACTOR OF INCLUDING SUCH ITEMS IN THE BASE BID. ANY QUESTIONS OR CLARIFICATIONS SHOULD BE ADDRESSED TO THE ARCHITECT IN WRITING PRIOR TO THE DEADLINE FOR BIDDING QUESTIONS.

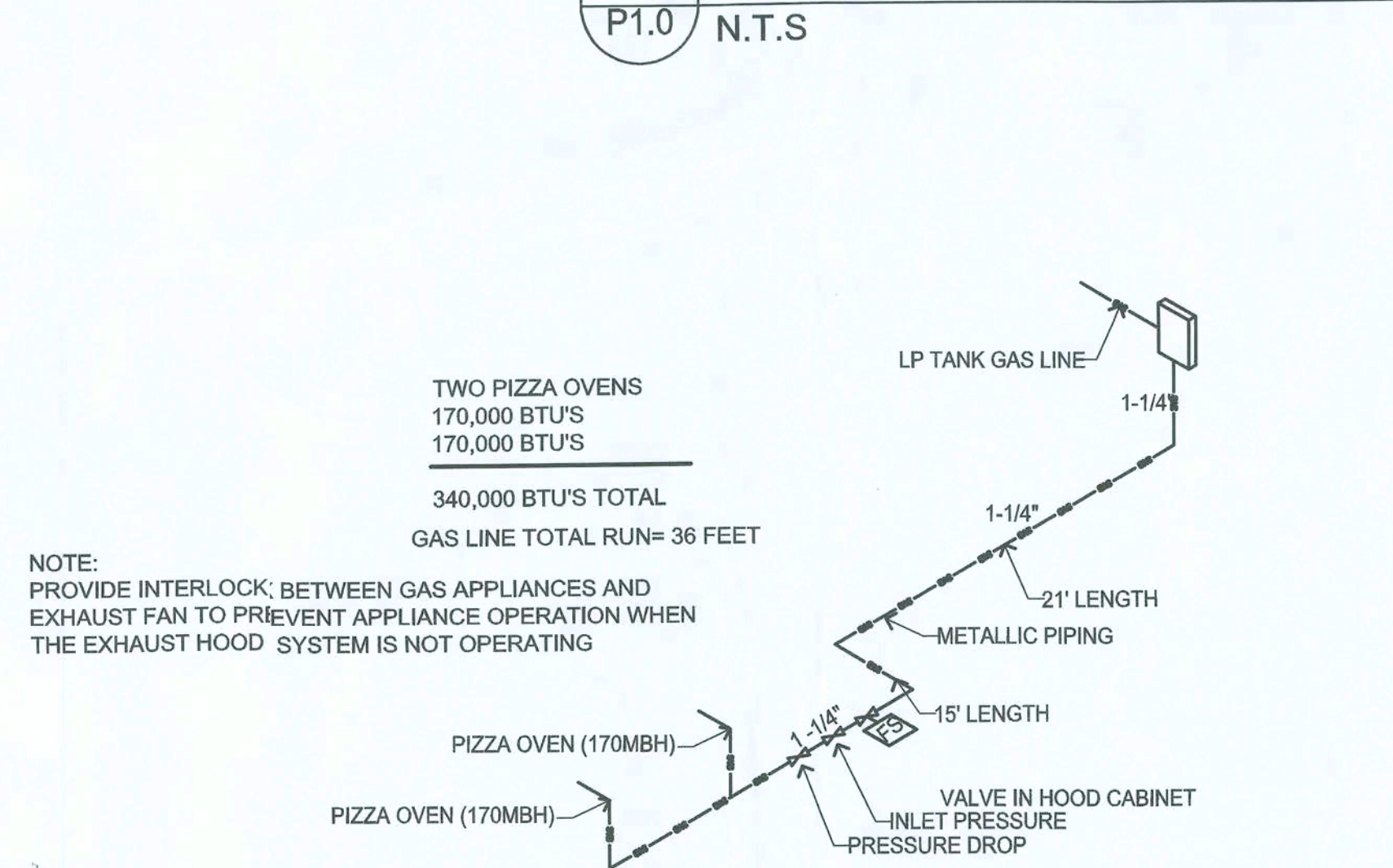
## 1 SUPPLY RISER

P1.0 N.T.S



## 2 SANITARY SEWER RISER

P1.0 N.T.S



## 3 GAS RISER

P1.0

### PLUMBING KEY NOTES

- 1 TO 6" WASTE TO PCU, FIELD-VERIFY EXIST. SEWER MAIN
- 2 NEW 3/4" WATER SERVICE, FIELD-VERIFY EXIST. WATER MAIN
- 3 TO GREASE TRAP

IF OWNERSHIP REQUIRES FLUSH VALVE TYPE FIXTURES ALL COLD WATER LINES SHALL BE 1".

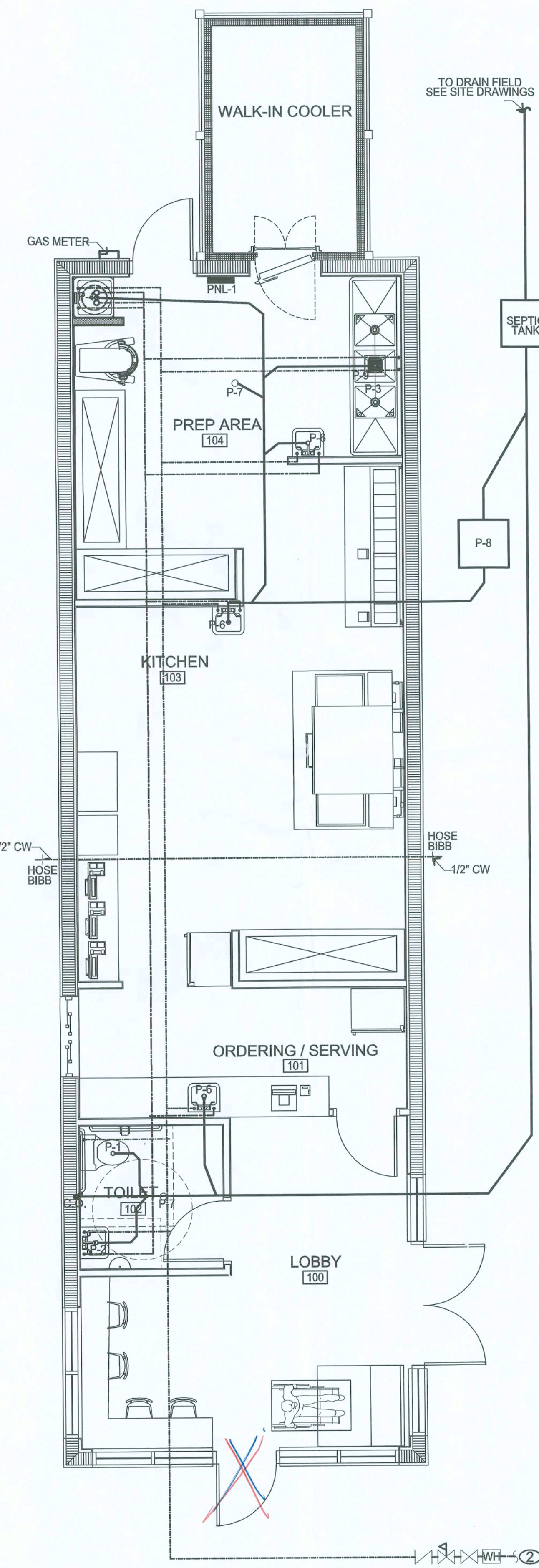
THE KITCHEN EQUIPMENT PLANS, INCLUDING THE KITCHEN EXHAUST HOOD, FRESH AIR, FIRE SUPPRESSION SYSTEM, FANS, ETC., IS DIAGRAMMATIC ONLY. THE RESPECTIVE ELECTRICAL, MECHANICAL, AND PLUMBING SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING FLORIDA ENGINEER-CERTIFIED DRAWINGS SUCH SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROFESSIONAL INSTALLATION.

### PLUMBING LEGEND

- ..... COLD WATER PIPING
- ..... HOT WATER PIPING
- ..... WASTE PIPING
- ..... VENT PIPING
- ..... GAS PIPING
- ..... V.T.R. VENT THRU ROOF
- ..... C.O. CLEAN OUT

## PLUMBING PLAN

HUNGRY HOWIES PIZZA SC: 1/4" = 1'-0"



HUNGRY HOWIES PIZZA  
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PLUMBING PLAN

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# GENERAL MECHANICAL NOTES

- CONNECTION TO EQUIPMENT SHALL BE VERIFIED WITH MANUFACTURER'S CERTIFIED DRAWINGS. TRANSITIONS TO ALL EQUIPMENT SHALL BE VERIFIED AND PROVIDED FOR ALL EQUIPMENT FURNISHED.
- BEFORE FABRICATION, VERIFY AND COORDINATE ALL DIMENSIONS INFIELD.
- VERIFY WITH ELECTRICAL CONTRACTOR BEFORE ORDERING.
- ALL DUCTS SHALL BE GROUNDED ACROSS FLEXIBLE CONNECTIONS.
- PROVIDE ACCESS PANELS FOR ACCESS TO DEFLECTING DEVICES IN DUCT.
- DUCT SIZES AND OPENINGS THRU ROOF SLABS AND WALL PARTITIONS SHALL SUIT EQUIPMENT FURNISHED.
- COORDINATE DIFFUSER AND REGISTER LOCATIONS WITH ELECTRICAL LIGHTING LAYOUT AND ARCHITECTURAL REFLECTED CEILING PLANS.
- DUCTWORK LOCATIONS AND CLEARANCES SHALL BE COORDINATED WITH PLUMBING PLANS.
- LOCATE THERMOSTAT 4'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
- ALL EQUIPMENT, DUCTWORK, ETC. SHALL BE SUPPORTED AS DETAILED. PROVIDE ADDITIONAL SUPPORTS AS REQUIRED TO PROVIDE A VIBRATION-FREE RIGID INSTALLATION.
- INSIDES OF DUCT VISIBLE THROUGH GRILLES, REGISTERS OR DIFFUSERS SHALL BE PAINTED FLAT BLACK.
- ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN DUCT AND PIPING (INCLUDING DIVIDED DUCT) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- REFER TO TYPICAL DETAILS FOR PIPING AND INSTALLATION OF EQUIPMENT.
- CONDENSATE DRAINS FROM AIR HANDLING UNITS SHALL BE COORDINATED WITH PLUMBING PLANS FOR PROPER DRAINAGE TO SUIT EQUIPMENT FURNISHED. ROUTE TO STORM DRAIN OR TO FRENCH DRAIN MEASURING MIN. 24" DIAM. BY 24" DEPTH. CONDENSATE LINE TO EXTEND MIN. 4" DEEP INTO FRENCH DRAIN A SECONDARY DRAIN OR AUXILIARY DRAIN PAN SHALL BE REQUIRED FOR EACH COOLING OR EVAPORATOR COIL OR FUEL-FIRED APPLIANCE THAT PRODUCES CONDENSATE. WHERE DAMAGE TO ANY BUILDING COMPONENTS WILL OCCUR AS A RESULT OF OVERFLOW FROM THE EQUIPMENT DRAIN PAN OR STOPPAGE IN THE CONDENSATE DRAIN PIPING.
- ACCESS PANELS IN DUCTWORK AND CEILINGS SHALL BE PROVIDED WHERE REQUIRED FOR OPERATION AND MAINTENANCE OF ALL FANS, DAMPERS, AND MECHANICAL EQUIPMENT.
- PROVIDE SMOKE DETECTORS IN SUPPLY SIDE OF THE SYSTEM PRIOR TO ANY BRANCH CONNECTIONS AS PER NFPA 90A.
- PROVIDE CEILING MOUNTED AUDIO / VISUAL ALARMS, IN OCCUPIED SPACE, CONNECTED BRANCH CONNECTIONS AS PER NFPA 90A.
- ALL MECHANICAL HVAC SHALL BE INSTALLED PER NFPA 90A
- INSTALL BACKDRAFT DAMPERS, VOLUME DAMPERS, INSECT SCREENS, AND APPROVED WEATHER PROOF WALL LOUVERS ON ALL OUTSIDE AIR INTAKES.
- ALL CONDENSATE DRAINS SHALL COMPLY WITH FBC-M 307.2.3.
- ALL OPERATION AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE BUILDING OWNER AND SHALL BE AVAILABLE TO BUILDING OFFICIALS UPON REQUEST.
- A DUCT LEAKAGE TEST, ADJUST AND BALANCE SHALL BE COMPLETED PER FBC-EC 503.2.9.1 WHEN TOTAL CONDITIONED SPACE EXCEEDS 5000 S.F. IF REQUIRED THE CONTRACTOR SHALL PROVIDE THE BUILDING DEPARTMENT OR INSPECTOR A LETTER OF ACCEPTANCE FROM THE OWNER/ENGINEER PRIOR TO OBTAINING THE FINAL INSPECTION
- EACH THERMOSTAT, AIR HANDLER AND CONDENSER SHALL BE PERMANENTLY IDENTIFIED SUCH THAT THE AREA SERVED IS READILY IDENTIFIED AND IN COMPLIANCE WITH FBC-M 304.12

## FRESH AIR CALCULATIONS

FBC-M TABLE 403.3  
 FOOD AND BEVERAGE SERVICE / FAST FOOD  
 $R_p = 7.5 \text{ CFM / PERSON}$   
 $R_a = 0.18 \text{ CFM / S.F.}$

TOTAL FRESH AIR  
 $1,080 \text{ S.F.} \times 0.18 \text{ CFM / S.F.} = 195 \text{ CFM}$   
 $12 \text{ PEOPLE} \times 7.5 \text{ CFM PER A PERSON} = 90 \text{ CFM}$   
 TOTAL FRESH AIR REQUIRED =  $195 + 90 = 285 \text{ CFM} \div 3 = 95 \text{ PER UNIT (6" F.A INTAKE PER UNIT)}$

## RESTROOM EXHAUST

150 CFM PER FIXTURE  
 1 FIXTURES TOTAL  
 150 CFM TOTAL RESTROOM EXHAUST

## HVAC UNIT LIST

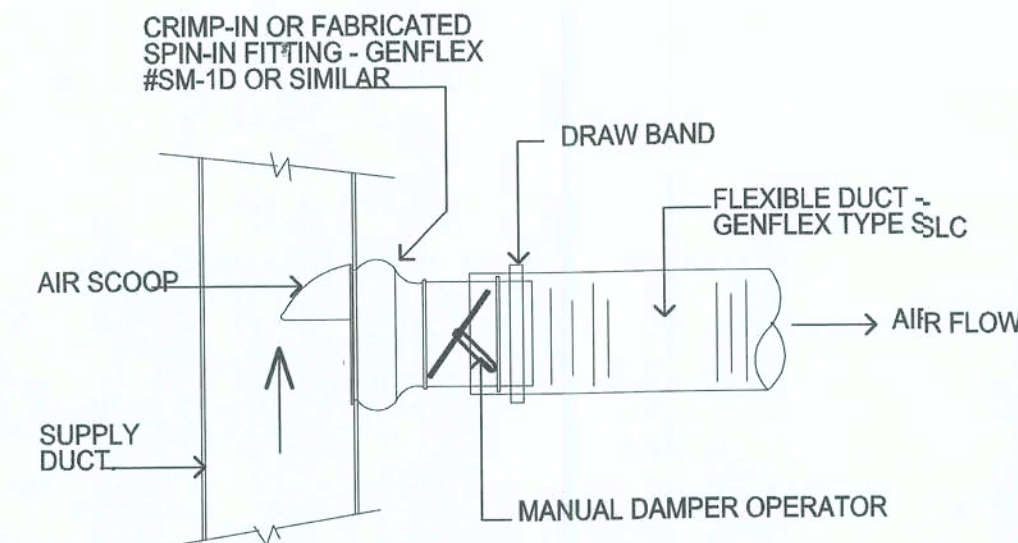
UNIT 1 (5 TON) RTU (SINGLE PHASE) PROVIDE 5KW HEAT STRIP AND THERMO. W/ HUMIDITY CONTROL	UNIT 2 (5 TON) RTU (SINGLE PHASE) PROVIDE 5KW HEAT STRIP AND THERMO. W/ HUMIDITY CONTROL
--	--

AIR HANDLER AND HEAT PUMP UNITS AS SPECIFIED ABOVE, OR EQUIVALENT SPECIFICATION FROM ALTERNATE MANUFACTURER (WITH THE SAME POWER REQUIREMENTS) ALL UNITS SHALL BE 13 SEER MINIMUM

DUCT SIZES SHOWN REPRESENT REQUIRED SIZE NEEDED FOR AIR FLOW. ALTERNATE SIZED DUCTS THAT ALLOW THE SAME AIR FLOW WILL BE ALLOWED. MECHANICAL CONTRACTOR TO VERIFY ALL DUCT SIZES PRIOR TO COMMENCEMENT OF WORK AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.

## MECHANICAL KEY NOTES

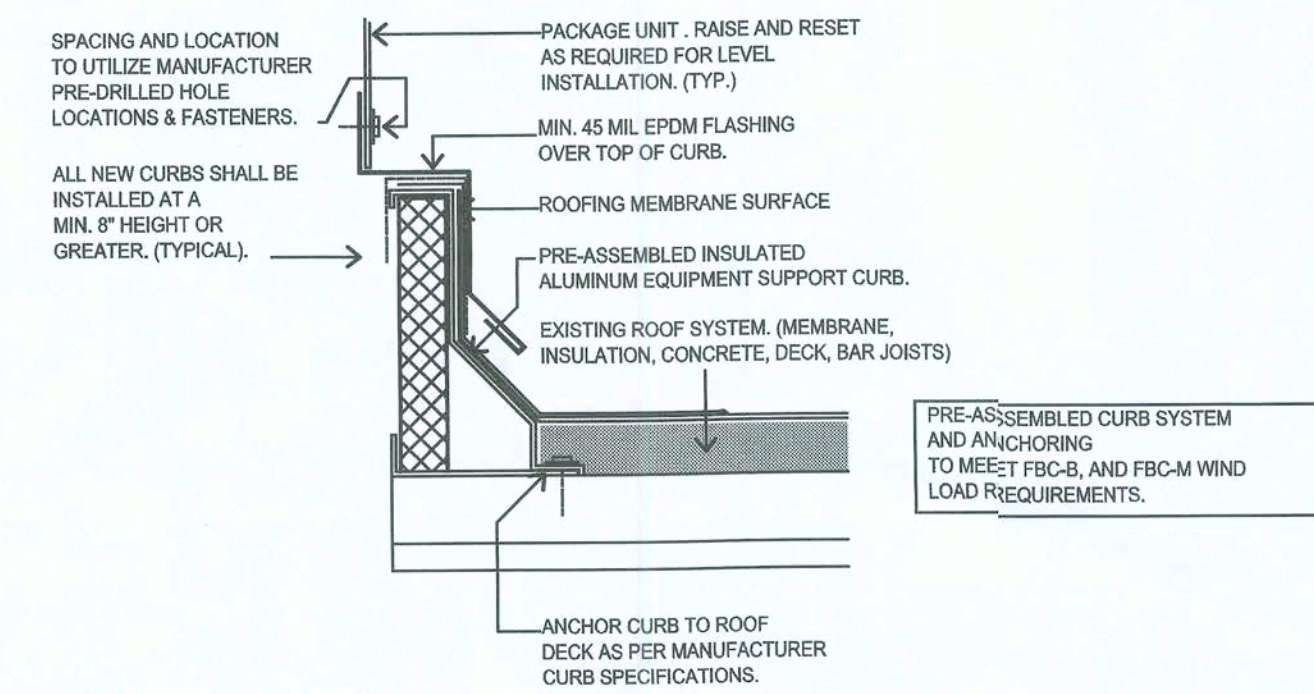
- 22" X 30" ACCESS HATCH AT LOWERED CEILING / MECHANICAL PLATFORM
- KITCHEN EXHAUSTHOOD, FRESH AIR, FIRE SUPPRESSION SYSTEM, FANS, ETC., IS DIAGRAMMATIC ONLY. THE RESPECTIVE ELECTRICAL, MECHANICAL, AND PLUMBING SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING FLORIDA ENGINEER-CERTIFIED DRAWINGS. SUCH SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROFESSIONAL INSTALLATION.



NOTE: MAXIMUM LENGTH OF FLEXIBLE DUCT IS 14'-0"

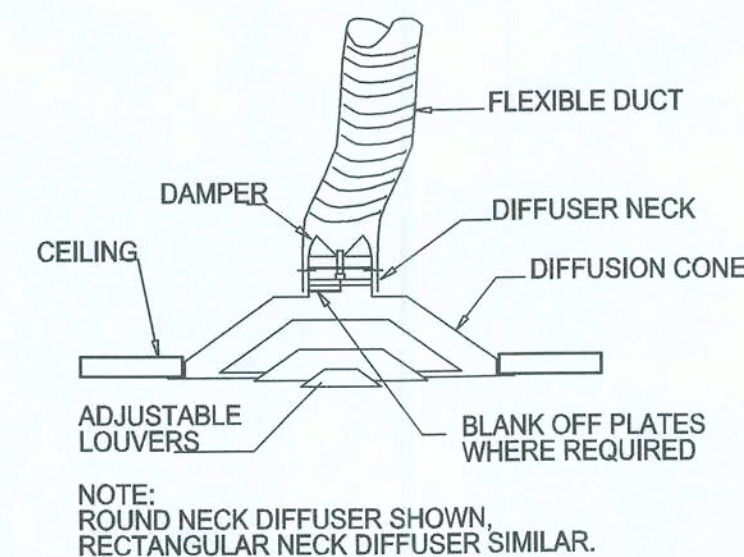
## 1 TYP. FLEX DUCT CONNECTION

M1.0 N.T.S



## 2 MOUNTING DETAIL

M1.0 N.T.S



## 3 DIFFUSER MOUNTING DETAIL

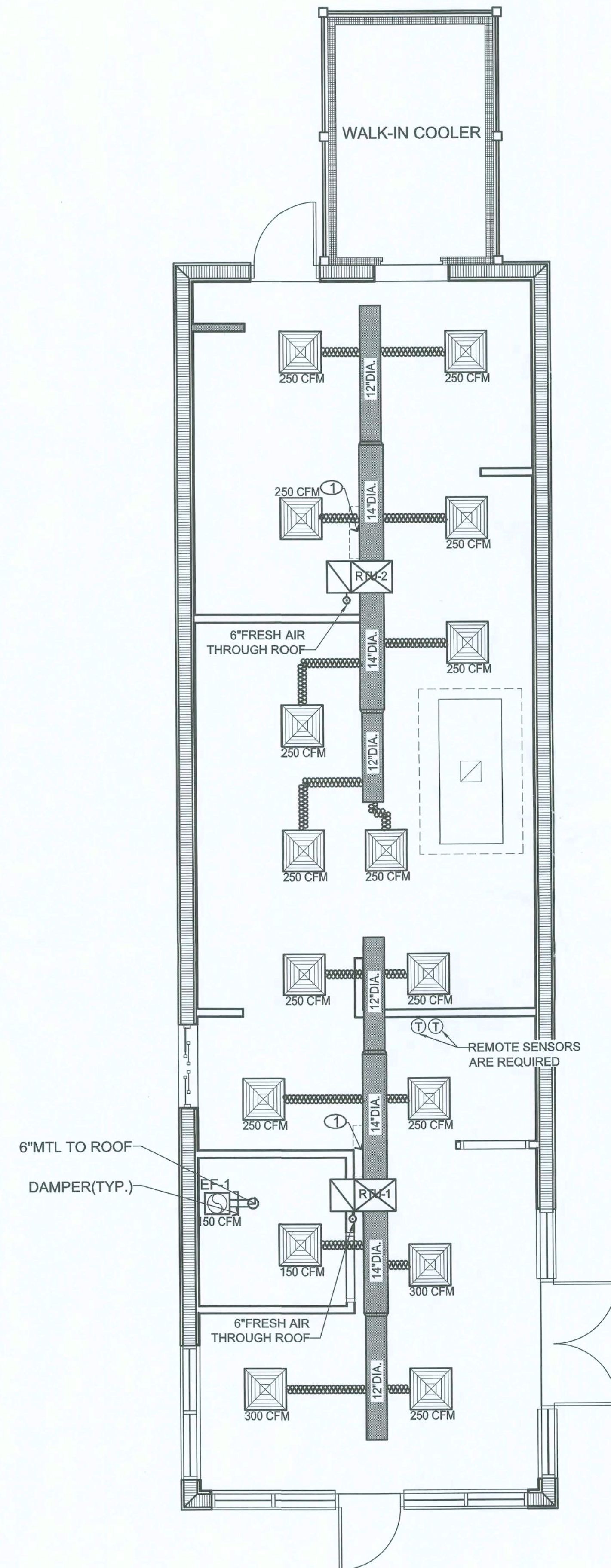
M1.0 N.T.S

## MECHANICAL SYMBOLS LEGEND

	SUPPLY AIR DUCT		SUPPLY AIR REGISTER (CEILING MOUNTED)
	RETURN AIR DUCT		EXHAUST FAN (CEILING MOUNTED)
	FLEXIBLE DUCT (8" TYP.)		THERMOSTAT; REMOTE SENSOR
	FRESH AIR INTAKE		

## FLEX DUCT SIZING GUIDE

AIR FLOW	DUCT SIZE
0-115 CFM	6" DIAM.
116-215 CFM	8" DIAM.
216-400 CFM	10" DIAM.
14'-0" MAX. FLEX DUCT LENGTH	



## MECHANICAL PLAN

HUNGRY HOWIE'S PIZZA SC: 1/4" = 1'-0"

HUNGRY HOWIES PIZZA  
 119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

MECHANICAL PLAN

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# GENERAL ELECTRICAL NOTES

- ALL WIRING SHALL BE IN ACCORDANCE WITH THE 2017 EDITION OF THE FLORIDA BUILDING CODE, 2014 EDITION OF THE NATIONAL ELECTRICAL CODE, THE 2017 EDITION OF THE FLORIDA FIRE PREVENTION CODE, THE LATEST EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND THE FOLLOWING DESIGN CRITERIA:
- THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING PERMITS FOR THIS CONSTRUCTION AND SCHEDULING APPROPRIATE INSPECTIONS DURING CONSTRUCTION WITH ALL AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL FURNISH OWNER WITH AN INSPECTION CERTIFICATE FROM ALL INSPECTORS HAVING JURISDICTION.
- THE CONTRACTOR SHALL CONTACT THE CITY ELECTRICAL UTILITY DEPARTMENT PRIOR TO COMMENCING WORK, IN ORDER TO DETERMINE COSTS ASSOCIATED WITH THE ELECTRICAL SERVICE. ALL SUCH COSTS ARE TO BE COVERED BY CONTRACTOR.
- THE CONTRACTOR SHALL BE LICENSED BY THE STATE OF FLORIDA ACCORDING TO FS 489.
- CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY FOR METERING AND SERVICE CONNECTION REQUIREMENTS PRIOR TO COMMENCING WORK.
- ALL MATERIAL AND EQUIPMENT SHALL BEAR A LABEL OF APPROVAL FROM A NATIONALLY RECOGNIZED ELECTRICAL TESTING LABORATORY.
- ALL WIRE TO BE COPPER, THWN, THHN OR XHHW. MINIMUM WIRE SIZE IS #12 THHN CU UNLESS OTHERWISE NOTED.
- NO CONDUIT IS TO BE INSTALLED ON EXTERIOR OF THE BUILDING.
- ENT OF "SMURF" TUBING AND MIC CABLE ARE APPROVED WHEN USED AS PER NEC. PERFERED CONDUIT SHALL BE EMT, IMC OR PVC FOR UNDERGROUND AND UNDERSLAB INSTALLATIONS.
- CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- ELECTRICAL EQUIPMENT AND CONDUIT SHALL BE CONCEALED OR RECESSED AND INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- ANY CONDUIT PENETRATING THE ROOF OR WALLS SHALL HAVE WATER-TIGHT FLASHING, AND PAINT TO RESTORE PENETRATION TO ORIGINAL CONDITION AND APPEARANCE. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO AVOID CONFLICTS BETWEEN LOCATIONS OF DIFFUSERS AND LIGHTING FIXTURES. COORDINATE WITH OTHER TRADES TO PROVIDE ALL NEEDED ELECTRICAL SERVICE.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL LOW VOLTAGE CONTROL WIRING FOR ALL HVAC SYSTEMS. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER SOURCE FOR ALL CONTROL SYSTEMS.
- CONTRACTOR SHALL VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS BEFORE ROUGH IN SWITCHES AND SHALL VERIFY EXACT LOCATION OF ALL MOTORS AND EQUIPMENT BEFORE ROUGH IN.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF COUNTER TOPS, BACKSPASHES AND EQUIPMENT LOCATION ON ARCHITECTURAL DETAILS AND/OR EQUIPMENT AND CASEWORK SHOP DRAWINGS AND SHALL ADJUST SPECIFIED MOUNTING HEIGHTS OF WALL OUTLETS, RECEPTACLES AT COUNTERS, AND J-BOXES AS REQUIRED TO BEST SERVE EQUIPMENT. VERIFY WIRING REQUIREMENTS TO ALL EQUIPMENT.
- CONTRACTOR SHALL CHECK ALL LIGHTING FIXTURES FOR EXACT TYPE MOUNTING AND SPACE REQUIRED BEFORE ROUGHING IN. SUPPORT OF ALL LIGHTING FIXTURES SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- ALL NEW FLUORESCENT FIXTURES SHALL BE EQUIPPED WITH ENERGY CONSERVING LAMPS AND ELECTRONIC BALLASTS. THD SHALL NOT EXCEED 10 PERCENT.
- EACH PANEL IS TO BE FURNISHED WITH A TYPED DIRECTORY WITH SPECIFIC ROOM NAMES.
- ALL CIRCUIT BREAKERS SERVING HVAC EQUIPMENT SHALL BE HACR RATED. PROVIDE PROPER CLEARANCE SPACE TO COMPLY WITH NEC 110-26.
- KITCHEN RECEPTACLE CIRCUITS IN KITCHENS SHALL HAVE ONLY 2 RECEPTACLES PER 20 AMP CIRCUIT. LIGHTING CIRCUITS ARE TO HAVE A MAXIMUM 1500 WATTS CONNECTED LOAD. RECEPTACLE CIRCUITS, OTHER THAN THE KITCHEN RECEPTACLES, ARE TO HAVE A MAXIMUM OF 7 RECEPTACLES PER CIRCUIT.
- ANY DAMAGE TO THE BUILDING OR EQUIPMENT BY ELECTRICAL WORKERS SHALL BE REPAIRED BY WORKERS SKILLED IN THIS TYPE OF WORK AT NO EXPENSE TO THE OWNER.
- EACH PANELBOARD AND DISCONNECTING MEANS SHALL BE MARKED TO INDICATE ITS PURPOSE AND OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED PER NEC 110.22.
- INSTALL PANELBOARD AND DISCONNECTS SO TO PROVIDE A 30" WIDE BY 3-1/2" DEEP CLEAR WORKING SPACE IN FRONT OF THE EQUIPMENT.
- PROVIDE A DISCONNECTING MEANS FOR EACH WATER HEATER PER FPC 504.4
- ALL BRANCH CIRCUIT HOMERUNS OVER 100 FEET SHALL BE #10 THHN CU.
- ALL BOXES TO BE A 4" SQUARE METAL BOX WITH APPROPRIATE RING AND BONDING JUMPER.
- THE MAXIMUM GAP AROUND ANY RECESSED BOX SHALL NOT EXCEED 1/8" AND THE MAXIMUM SETBACK SHALL NOT EXCEED 1/4".
- ALL WIRING DEVICES SHALL BE TERMINATED AT THE SCREW ACCORDING TO WIRE WRAP REQUIREMENTS OF THE NEC. THE PUSH IN TERMINATIONS SHALL NOT BE USED.
- SWITCH BOXES SHALL BE INSTALLED 48" TOP OF BOX AND RECEPTACLE BOXES INSTALLED AT 16" BOTTOM OF BOX.
- EMT CONDUIT SHALL BE SUPPORTED EVERY 10 FEET AND WITHIN 3' OF EACH TERMINATION POINT PER NEC 358.30.
- STAGGER BACK TO BACK WALL BOXES IN ALL WALLS BY AT LEAST ONE STUD.
- PVC CONDUIT SHALL BE AT LEAST 12" UNDER SIDEWALKS AND 24" UNDER PARKING LOTS AND DRIVEWAYS.
- UNDERGROUND SERVICE CONDUCTORS SHALL BE MARKED WITH A WARNING RIBBON AT LEAST 12" ABOVE THE CONDUIT PER NEC 300.5(3).
- ALL ELECTRICAL EQUIPMENT IN VICINITY OF GAS CYLINDERS SHALL BE AT 60" AFF PER NFPA 99
- VOLTAGE DROP SHALL NOT EXCEED 2% AND 5% TOTAL.
- COORDINATE TELEPHONE AND CABLE SERVICE INSTALLATION. INSTALL 2" PVC CONDUIT WITH PULL STRING FOR EACH SERVICE.
- PROVIDE OPERATING AND INSTALLATION INSTRUCTIONS TO THE OWNER FOR ALL INSTALLED EQUIPMENT.
- FS BOXES ARE NOT APPROVED AS A SUPPORT FOR A GRADE MOUNTED LIGHT FIXTURE.
- INSTALL A NEUTRAL TO ALL SWITCH BOXES.
- ALL RECEPTACLES INSTALL OUTSIDE SHALL BE SUNLIGHT RATED.
- CONFIRM MAXIMUM AVAILABLE FAULT CURRENT IS MARKED ON SERVICE EQUIPMENT.
- SEAL ALL INCOMING RACEWAYS IN ACCORDANCE WITH 300.5(G).
- INSTALL BONDING BUSHINGS AND JUMPERS WHERE REDUCING WASIERS ON CONCENTRIC OR ECCENTRIC KNOCKOUTS ARE USED.

## SYMBOL LEGEND

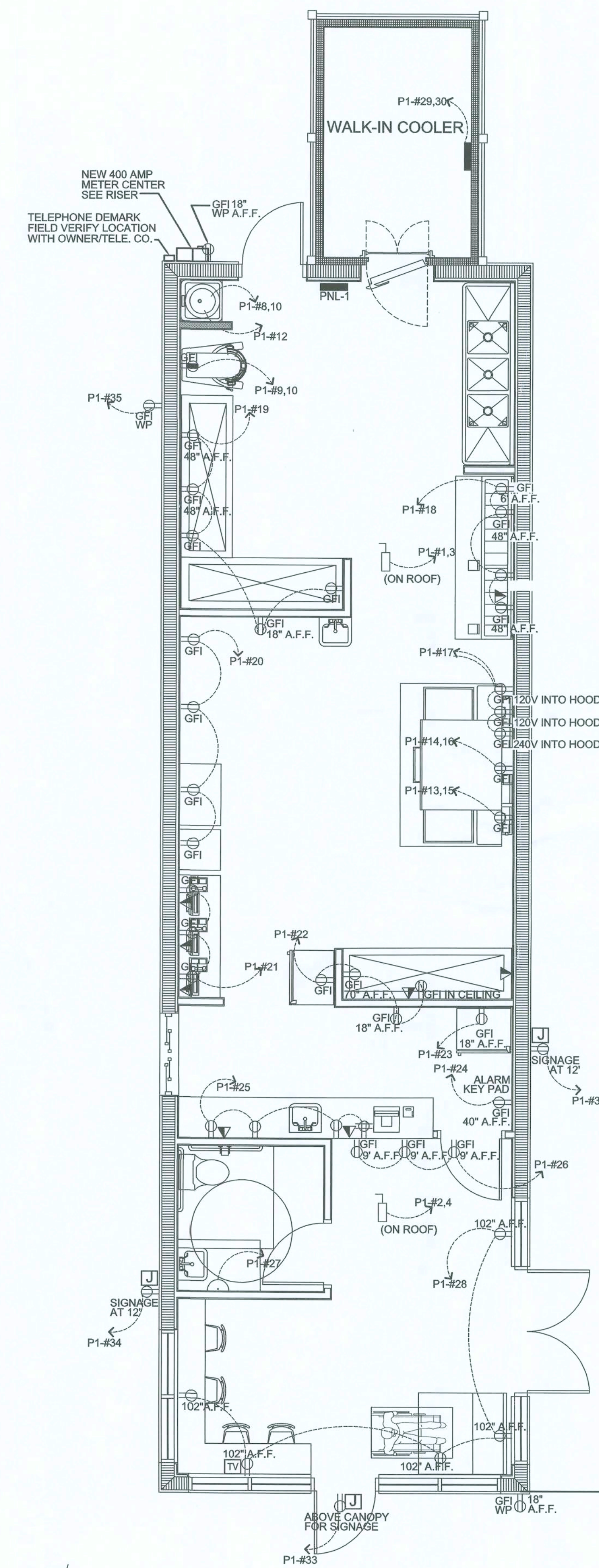
SYMBOL	DESCRIPTION
	WALL-MOUNTED OR RECESSED INCANDESCENT, FLUORESCENT, OR HID FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR TYPE AND MOUNTING.
	FLUSH-MOUNTED SINGLE POLE SWITCH. MOUNT AT 48" A.F.F. WITHIN 4" OF DOOR FRAME, LOCK-SET SIDE. SUBSCRIPT 3 INDICATES THREE-WAY SWITCH.
	FLUSH-MOUNTED CONVENIENCE RECEPTACLE WITH GROUND, NEMA 5-20 MOUNT AT 18" A.F.F. OR AS NOTED. (WP=WEATHERPROOF, GFC=CONNECTED TO GND. FAULT INTERRUPT CKT.)
	DUPLEX RECEPTACLE, 44" A.F.F. OR 6" ABOVE COUNTER. TURN HORIZONTAL.
	DOUBLE DUPLEX RECEPTACLE
	DISCONNECT SWITCH. SIZE AND NUMBER OF POLES AS SHOWN OR TO CONNECTED LOAD IN ACCORDANCE WITH NEC. SWITCH TO BE SQUARE D QUICK-MAKE, QUICK-BREAK TYPE, NEMA 3R FOR EXTERIOR.
	EXHAUST FAN. VENT TO OUTSIDE THRU METAL DUCT. SWITCH WITH LIGHTS IN SAME ROOM, OR AS SHOWN ON PLANS. COORD. W/ MECHANICAL PLAN.
	ILLUMINATED EXIT SIGN. ARROWS INDICATE DIRECTION TO EXIT. REFER TO LIGHTING FIXTURE SCHEDULE FOR TYPE AND MOUNTING.
	EMERGENCY EGRESS LIGHT WITH BATTERY BACK-UP. COORD. W/ LIGHTING LIGHTING FIXTURE SCHEDULE FOR TYPE AND MOUNTING.
	ELECTRICAL PANEL.
	THERMOSTAT LOCATED AT 4'-0" A.F.F.
	PRE-WIRED CABLE TV OUTLET W/ CABLE. COORDINATE LOCATIONS W/ TENANT.
	WALL OR CEILING MOUNTED, SMOKE DETECTOR. PER CODE.
	JUNCTION BOX
	COMMUNICATIONS/DATA (C/D) OUTLET. INSTALL. 1" CONDUIT AND CAT 6 WIRE WITH 4"x4" DEVICE BOX TO PHONE TABLE
	ELECTRIC WATER HEATER, COORD. W/ PLUMBING PLANS.
	HVAC UNIT. COORD. W/ MECHANICAL PLAN. AND HVAC CONTRACTOR

ALL KITCHEN OUTLETS SHALL BE GFI  
ALL DATA WIRING SHALL BE RAN IN CONDUIT

### ELECTRICAL KEY NOTES

- AHU 1 W/ DISCONNECT AT LOWERED CEILING
- ELECTRIC WATER HEATER W/ DISCONNECT AT LOWERED CEILING / MECHANICAL PLATFORM ABOVE
- 22" X 30" ACCESS HATCH AT LOWERED CEILING / MECHANICAL PLATFORM. COORD. W/ MECHANICAL PLAN

THE KITCHEN EQUIPMENT PLANS, INCLUDING THE KITCHEN EXHAUST HOOD, FRESH AIR, FIRE SUPPRESSION SYSTEM, FANS, ETC., IS DIAGRAMMATIC ONLY. THE RESPECTIVE ELECTRICAL, MECHANICAL, AND PLUMBING SUB-CRONTACTORS SHALL BE RESPONSIBLE FOR OBTAINING FLORIDA ENGINEER-CERTIFIED DRAWINGS SUCH SUB-CRONTACTORS SHALL BE RESPONSIBLE FOR PROFESSIONAL INSTALLATION.



**ELECTRICAL PLAN**  
HUNGRY HOWIES PIZZA  
SC: 1/4" = 1'-0"

HUNGRY HOWIES PIZZA  
119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

ELECTRICAL PLAN

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PANEL 1	PANEL SCHEDULE										NEW PANEL NEMA 1 22,000 A.I.R. @ 240V
	120/240V, SINGLE PHASE, 3-WIRE, 400 AMP MAIN LUGS										
LOAD SERVED	C.B.		KVA	CKT. #	CKT. #	KVA	C.B.		LOAD SERVED		
	TRIP	POLE					TRIP	POLE			
RTU-1	*	60	2	4.5	1	2	4.5	60	2	* RTU-2	
"	"	"	"	4.5	3	4	4.5	"	"	"	
LIGHTING	20	1	1.3	5	6	1.1	20	1	LIGHTING		
LIGHTING	20	1	1.2	7	8	4.0	40	2	WATER HEATER		
MIXER	30	2	1.5	9	10	4.0	"	"	"		
"	"	"	"	3.5	11	12	0.6	20	1	IGNITER FOR GAS EWH	
GAS OVEN ELECT. REQ.	20	2	0.5	13	14	0.5	20	2	GAS OVEN ELCT. REQ.		
"	"	"	"	0.5	15	16	0.5	"	"		
PIZZA HOOD ELEC. REQ	20	1	2.2	17	18	0.7	20	1	RECEPTACLES		
RECEPTACLES	20	1	1.0	19	20	0.7	20	1	RECEPTACLES		
RECEPTACLES	20	1	0.5	21	22	0.7	20	1	RECEPTACLES		
REFRIGERATOR	20	1	0.2	23	24	0.2	20	1	ALARM KEYPAD		
RECEPTACLES	20	1	0.7	25	26	0.5	20	1	MENU TV RECEPTACLE		
HAND DRYER	20	1	3.0	27	28	1.0	20	1	RECEPTACLES		
WALK-IN COOLER COND.	20	1	2.2	29	30	2.6	20	1	WALK-IN COOLER EVAP		
EXTERIOR LIGHTS	20	1	2.0	31	32	4.2	20	1	SIGNAGE		
SIGNAGE	20	1	1.2	33	34	4.2	20	1	SIGNAGE		
EXTERIOR RECEPT.	20	1	1.2	35	36	0.2	20	1	SPARE		
SPARE	20	1		37	38		20	1	SPARE		
SPARE	20	1		39	40		20	1	SPARE		
				41	42						
				4.7						34.7	

\* COORDINATE W/ MECHANICAL EQUIPMENT SCHEDULES AND VERIFY LOADS WITH EQUIPMENT ORDERED.

CONNECTED KVA	69.4
CONNECTED AMPS	289.2
DEMAND LOAD	259.8

TOTAL CONNECTED LOAD: 69.4 KVA @ 240V, SINGLE PHASE = 289.2 AMPS

GROUNDING CONDUCTOR SIZES:		CONDUCTOR SIZES:		
CIRCUIT BREAKER (NOT OVER LISTED AMPS)	WIRE SIZE (COPPER, CU)	CIRCUIT BREAKER (NOT OVER LISTED AMPS)	WIRE SIZE (COPPER, CU)	MAX AMPS
10 & 15	14	15	12	12
20	12	20	12	16
25, 30, 40, 50, & 60	10	25	10	20
100	8	30	10	24
125, 150, & 200	6	40	8	32
225, 300	4	50	6	40
		60	6	48
		100	3	80
		125	1	100

AS PER NEC 2014 ARTICLE 334 - NONMETALLIC-SHEATHED CABLE - BRANCH CIRCUITS SHALL NOT BE REQUIRED TO BE IN CONDUITS.

**BUILDING LOAD CALCULATION:**

LOADS CALCULATED IN ACCORDANCE WITH NEC 2014, ARTICLE 220

GENERAL LOADS:

HVAC: 18 KVA @ 100%	= 18,000 VA
LIGHTING: 4.6 KVA @ 125%	= 5,750 VA
RECEPTACLES:	
FIRST 10 KVA @ 100%	= 10,000 VA
REMAINING @ 50%	= 8,000 VA
WATER HEATER: 8 KVA @ 100%	= 8,000 VA
SIGNAGE: 12.6 KVA @ 100%	= 12,600 VA
<b>SUBTOTAL GENERAL LOADS</b>	<b>= 62,350 VA</b>
<b>TOTAL BUILDING DEMAND LOAD:</b>	<b>= 62,350 VA</b>
	<b>= 259.8 AMPS</b>
	(SINGLE PHASE)

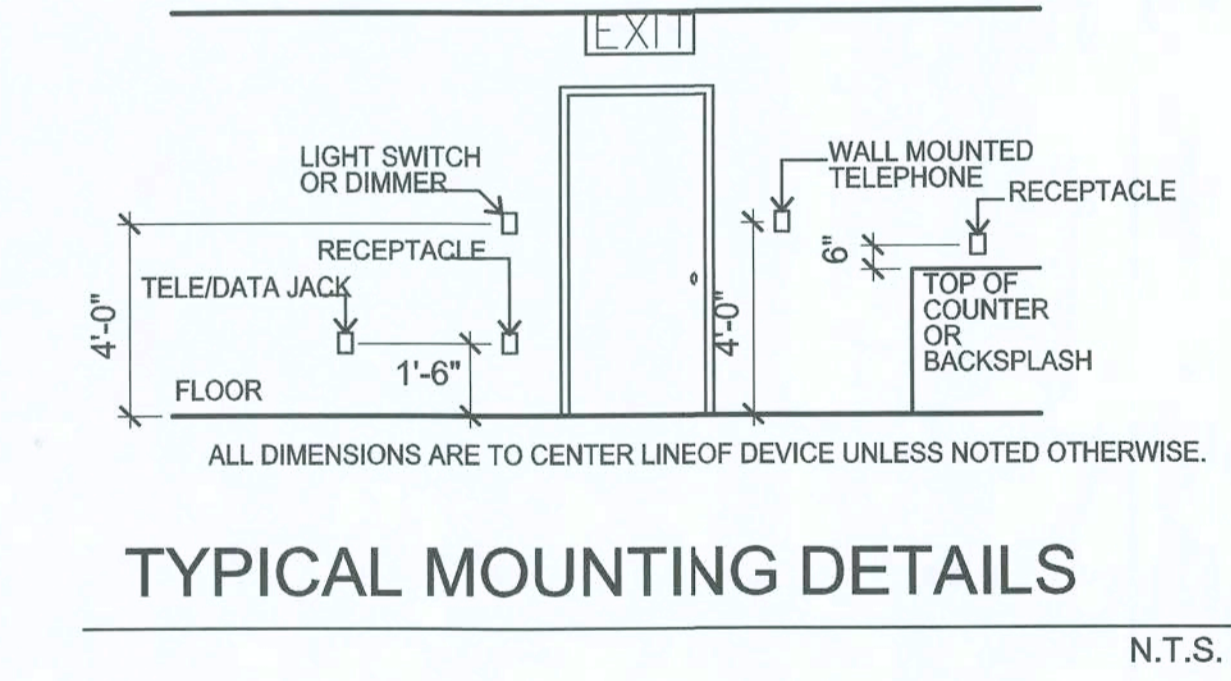
259.8 AMP DEMAND < 400.0 AMP SERVICE (OK)

**GENERAL NOTES**

- REFER TO SHEETS E1.0 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL KEY NOTES AND SYMBOLS LEGEND.

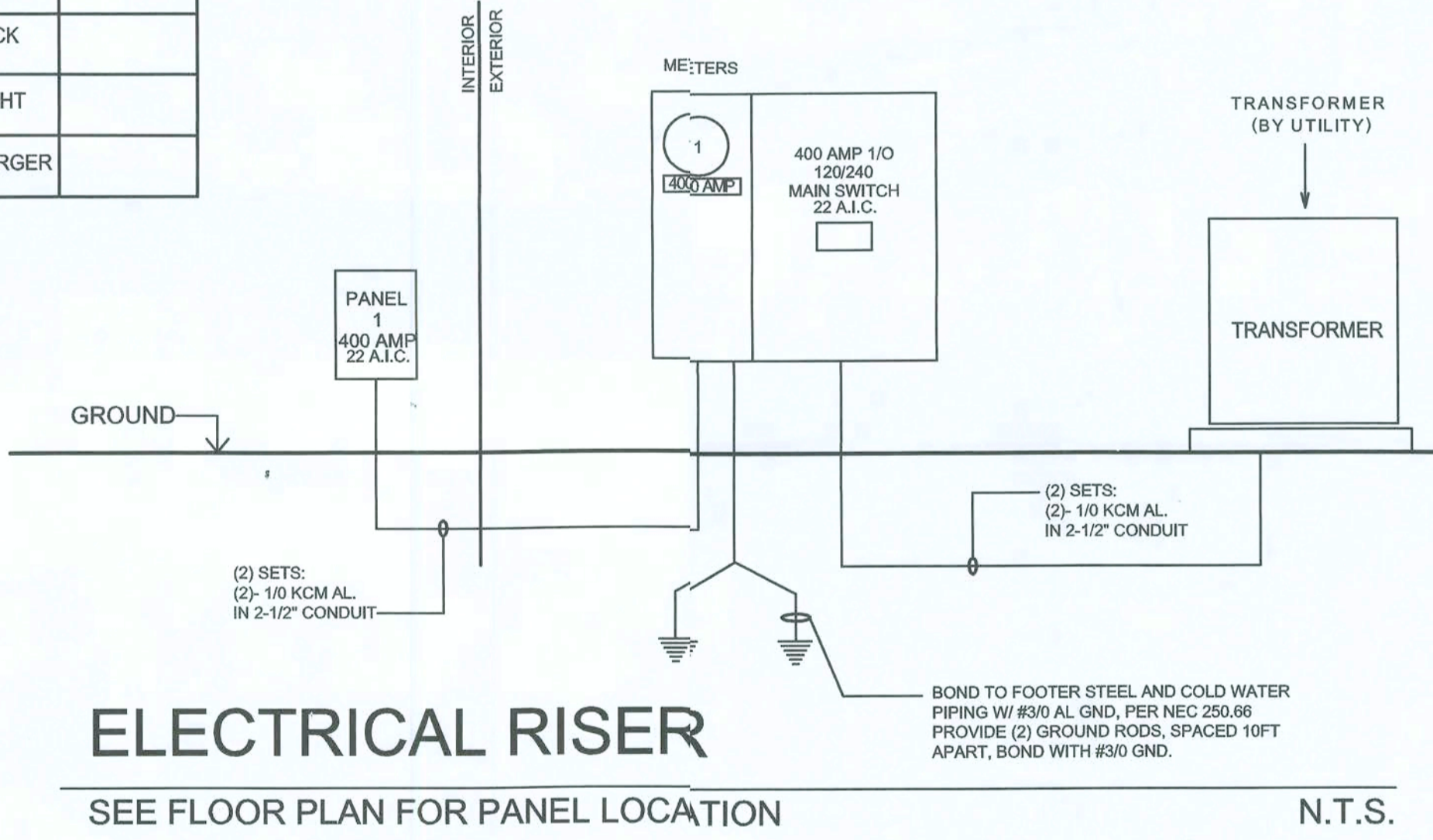
**LIGHTING FIXTURE SCHEDULE**

SYMBOL	MANUFACTURER AND MODEL #	LAMPS (SEE NOTE #1)				MOUNTING	REMARKS
		TYPE	NO.	WATTS	VOLTS		
□	LITHONIA 2X4 GRID MOUNT FLUORESCENT FIXTURE	LED	-	32	120	RECESSED	
⬇	LITHONIA TITAN SERIES EMERGENCY	KRYPTON	-	33	120	7'-2" A.F.F.	BATT. & CHARGER
⌈	TAMLIGHT WALL PACK MODEL # MPLEDR05KSKS	LED	-	80	-	-	WALL PACK
○	LITHONIA DOWN LIGHT	LED	-	100	-	-	DOWN LIGHT
⊗	LITHONIA EXIT LIGHT	LED	-	1.4	120	-	BATT. & CHARGER

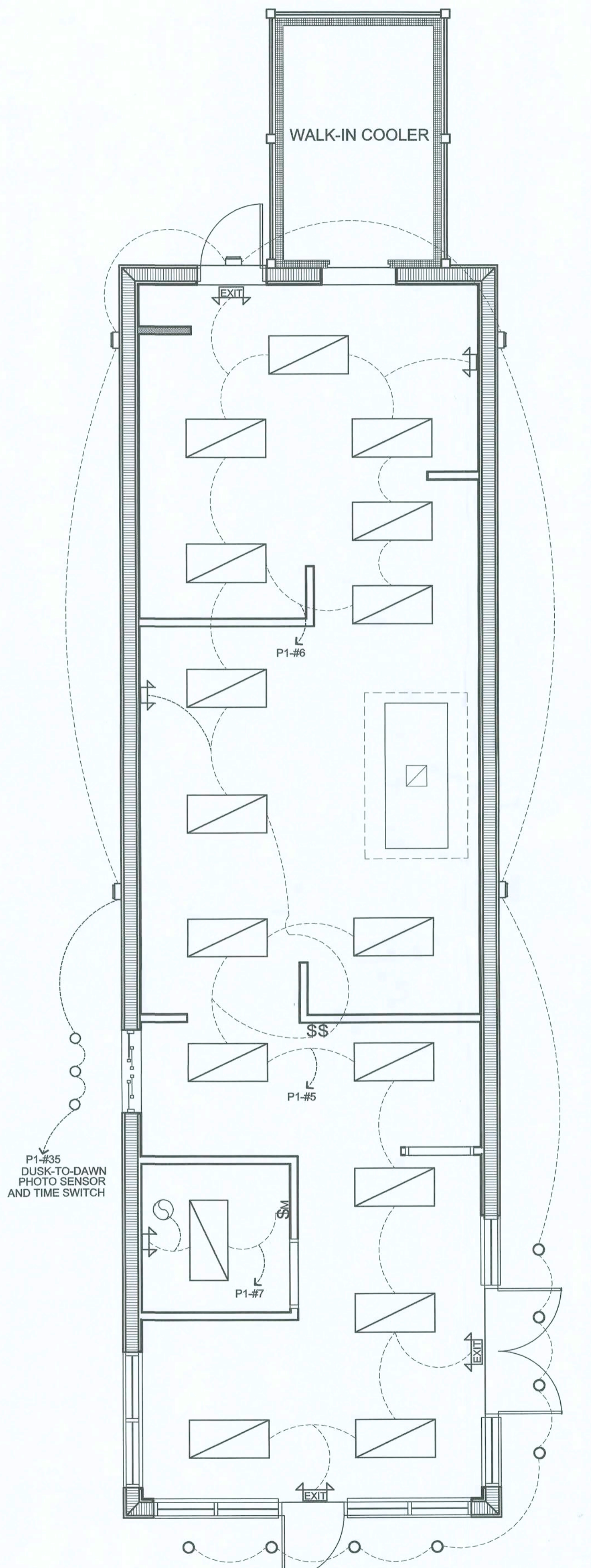


**GENERAL NOTES**

- REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL KEY NOTES AND SYMBOLS LEGEND.



THE KITCHEN EQUIPMENT PLANS, INCLUDING THE KITCHEN EXHAUST HOOD, FRESH AIR, FIRE SUPPRESSION SYSTEM, FANIS, ETC., IS DIAGRAMMATIC ONLY. THE RESPECTIVE ELECTRICAL, MECHANICAL, AND PLUMBING SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING FLORIDA ENGINEER-CERTIFIED DRAWINGS SUCH SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROFESSIONAL INSTALLATION.



**LIGHTING PLAN**  
HUNGRY HOWIES PIZZA SC: 1/4" = 1'-0"

HUNGRY HOWIES PIZZA  
119 WALKERS WAY, FORT WHITE, FLORIDA, 32038

LIGHTING PLAN

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**FIRE EXTINGUISHER**  
 1 FIRE EXTINGUISHER PER 3,000 SQ.FT.  
 1,080/ 3,000 = 1 FIRE EXTINGUISHERS MINIMUM REQUIRED.  
 SEE OVERALL PLANS FOR LOCATION OF 2A10BC (MIN.) FIRE EXTINGUISHER.  
 PLACE AS PLAN INDICATES OR ALONG PATH OF TRAVEL  
 DISPERSED EVENLY ACROSS BUILDING.

F.E.

**OCCUPANT LOAD**

TOTAL AREA - 1,080 S.F.		
FIXED SEATING	= 7	
STANDING SPACE (FRONT COUNTER)	$\frac{15 \text{ SQ. FT.}}{15} = 1$	
BUSINESS AREA	$\frac{72 \text{ SQ. FT.}}{100} = 0.72 = 1$	
KITCHENS	$\frac{574 \text{ SQ. FT.}}{200} = 2.87 = 3$	
<b>TOTAL OCCUPANT LOAD =</b>	<b>12 PEOPLE</b>	

**EMERGENCY EGRESS**

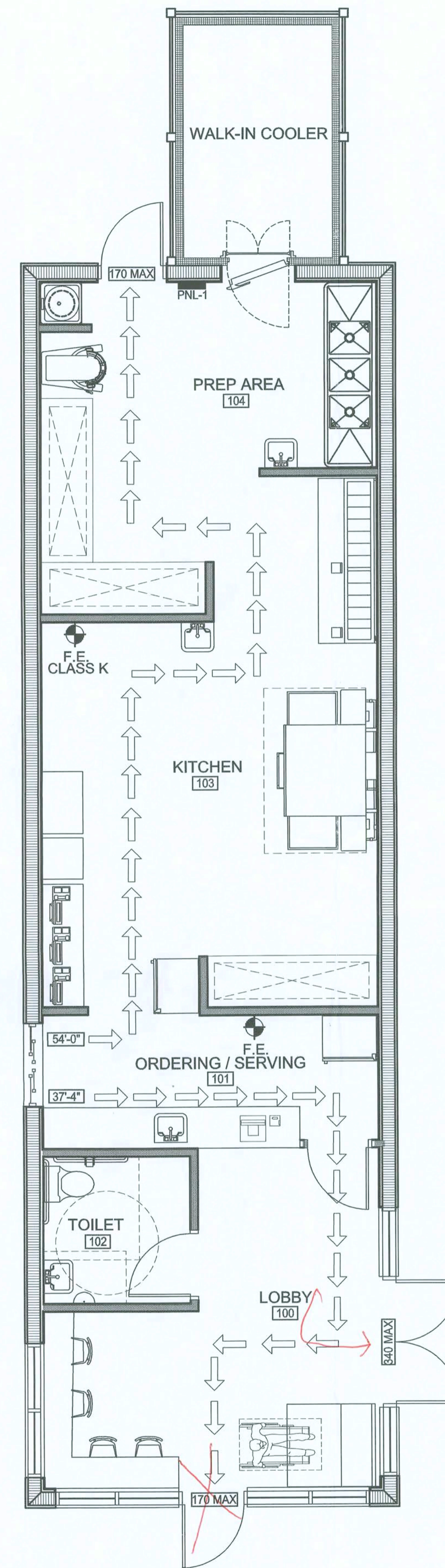
**REQUIRED EMERGENCY EGRESS CAPACITY**  
 AT LEVEL EXIT COMPONENTS AND RAMPS -  
 0.2" EGRESS WIDTH PER PERSON (ASSEMBLY OCCUPANCY - TABLE 7.3.3.1,  
 NFPA 101-06 - FLORIDA FIRE PREVENTION CODE, 5th ED.  
 36" MINIMUM CLEAR WIDTH FOR H/C ACCESSIBLE EGRESS

**PROVIDED EMERGENCY EGRESS**  
 MINIMUM CLEAR CORRIDOR WIDTH - 5'-0" (60")  
 $44.0" / 0.2" = 220$  220 PERSON CAPACITY  
 CLEAR SINGLE DOOR OPENING WIDTH - 3'-0" (36")  
 $34" / 0.2" = 170$  170 PERSON CAPACITY

**TRAVEL DISTANCE REQUIREMENTS**  
 MAXIMUM TRAVEL DISTANCE TO EXIT = 250 FEET FOR  
 NON-SPRINKLERED BUILDING  
 ACTUAL MAXIMUM TRAVEL DISTANCE TO EXIT  
 APPROXIMATELY 54'-0"

**FIRE PROTECTION NOTES**

- SEE COVER SHEET G1.0 FOR PROJECT INFORMATION.
- ALL FIRE AND/OR SMOKE BARRIERS OR WALL SHALL BE EFFECTIVELY PERMANENTLY IDENTIFIED WITH STENCILING ABOVE ANY DECORATIVE CEILING AND/OR IN CONCEALED SPACE WITH LETTERS A MINIMUM OF (2) TWO INCHES HIGH ON A CONTRASTING BACKGROUND SPACED A MAXIMUM OF TWELVE (12) FEET ON CENTER WITH A MINIMUM OF ONE PER WALL OR BARRIER. THE HOURLY FIRE RATING SHALL BE INCLUDED ON ALL RATED BARRIER OR WALLS. REQUIRED WORDING '( ) HOUR FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS STORAGE ROOMS WHICH ARE SPRINKLERED SHALL HAVE STENCILED 18" BELOW SPRINKLER HEADS A DESIGNATION LINE (RED) WITH THE FOLLOWING NOTE- "NO STORAGE ABOVE LINE".
- THE FIRE EXTINGUISHERS FOR THIS PROJECT A TO BE U.L. RATED 2-A:10-B:C
- THE FIRE EXTINGUISHERS FOR THIS PROJECT A TO BE U.L. RATED CLASS K IN KITCHEN AREA.



**LIFE SAFETY PLAN**  
 HUNGRY HOWIES PIZZA SC: 1/4" = 1'-0"

HUNGRY HOWIES PIZZA  
 119 WALKERS WAY, FORT WHITE, FLORIDA, 32038  
 LIFE SAFETY PLAN



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1. GENERAL NOTES

- 1.1. THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE 5th EDITION (2014). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THE PROJECT.

WIND LOAD DESIGN CRITERIA

Table with 2 columns: GOVERNING CODE, ENCLOSURE CLASSIFICATION, RISK CATEGORY, EXPOSURE CATEGORY, DESIGN WIND SPEED (ULT / ASD), INTERNAL PRESSURE COEFFICIENT, EDGE ZONE WIDTH (a).

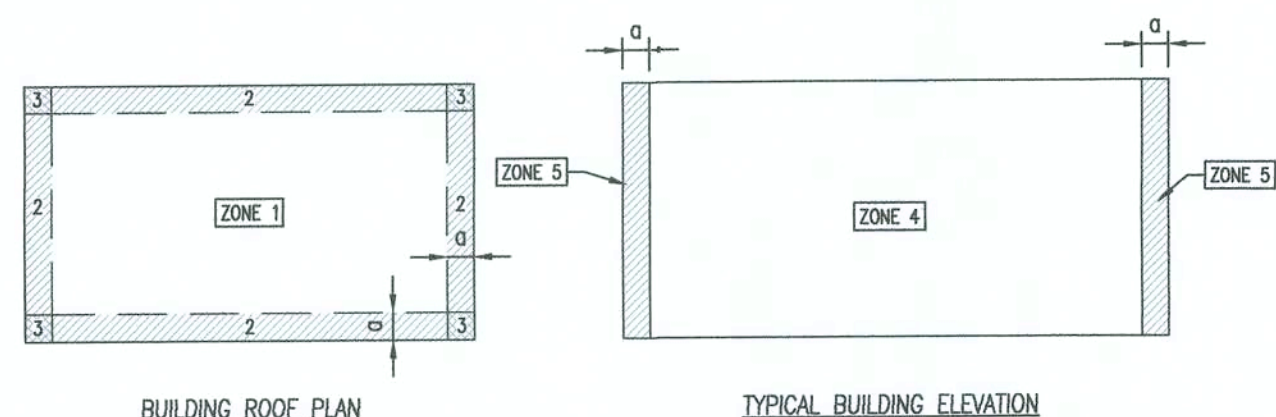


Table: COMPONENT & CLADDING LOADS - ROOF. Columns: TRIB AREA, PRESSURE, OVERHANG PRESSURE. Rows for Zone 1, 2, 3.

Table: COMPONENT & CLADDING LOADS - WALLS. Columns: TRIB AREA, PRESSURE. Rows for Zone 4, 5.

DESIGN LOADS

Table with 3 columns: OCCUPANCY, LIVE LOAD, DEAD LOAD. Rows for DINING ROOMS AND RESTAURANTS, ROOF LOAD, HANDRAIL/GUARDRAIL LOAD.

FLOOD ZONE INFORMATION

Table with 2 columns: FLOOD ZONE, BASE FLOOD ELEVATION.

2. SHALLOW FOUNDATIONS

- 2.1. FOOTING SIZES AND REINFORCING ARE BASED ON INFORMATION PROVIDED BY AMERICAN INFRASTRUCTURE DEVELOPMENT, INC. IN FILE NO. NFB018001 DATED JUNE 29, 2018.

3. SLAB ON GRADE

- 3.1. REFER TO GEO-TECHNICAL REPORT FOR SUB-GRADE PREPARATION MORE THAN 12" BELOW BOTTOM OF SLAB.

4. REINFORCED CONCRETE

- 4.1. ALL REINFORCED CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 301 AND 318.

5. CONCRETE MASONRY UNIT (CMU) CONSTRUCTION

- 5.1. MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (F' M) OF 1,500 PSI.

6. WOOD FRAMING

- 6.1. WOOD CONSTRUCTION SHALL COMPLY WITH AF&PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND CHAPTER 23 OF FBC.

Table with 3 columns: MAXIMUM UPLIFT, RECOMMENDED STRAP, SPECIAL REQUIREMENTS. Rows for 510 LBS, 995 LBS, 1,020 LBS, 1,785 LBS, 1,990 LBS, 2,655 LBS, 3,555 LBS, 5,175 LBS.

7. ROOF, WALL AND FLOOR SHEATHING

- 7.1. ROOF SHEATHING SHALL BE 3/8" CDX PLYWOOD W/ 10d RING SHANK NAILS 6" EDGE AND FIELD SPACING.

8. CHEMICAL ADHESIVES FOR ANCHOR BOLTS AND RODS

- 8.1. USE AN EPOXY, ACRYLIC OR POLYESTER RESIN ADHESIVE SYSTEM SUCH AS THE POWERS RAWL POWER-FAST SYSTEM, HILTI HIT HY150, ITW RAMSET/RED HEAD EPCON A7 OR C6 INJECTION SYSTEM, ALLIED FASTER ALLED GOLD A-1000, OR ACCEPTED EQUIVALENT.

9. EXPANSION ANCHORS

- 9.1. USE WEDGE-TYPE EXPANSION ANCHORS SUCH AS THE HILTI KWIK BOLT II, ITW RAMSET RED HEAD TRIBOLT WEDGE, POWERS RAWL POWER-STUD, OR ACCEPTED EQUIVALENT FOLLOW MANUFACTURER'S SPECIFICATIONS FOR USE AND INSTALLATION.

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HUNGRY HOWIES PIZZA STATE ROAD 100, LAKE BUTLER, FLORIDA, 32054

STRUCTURAL NOTES

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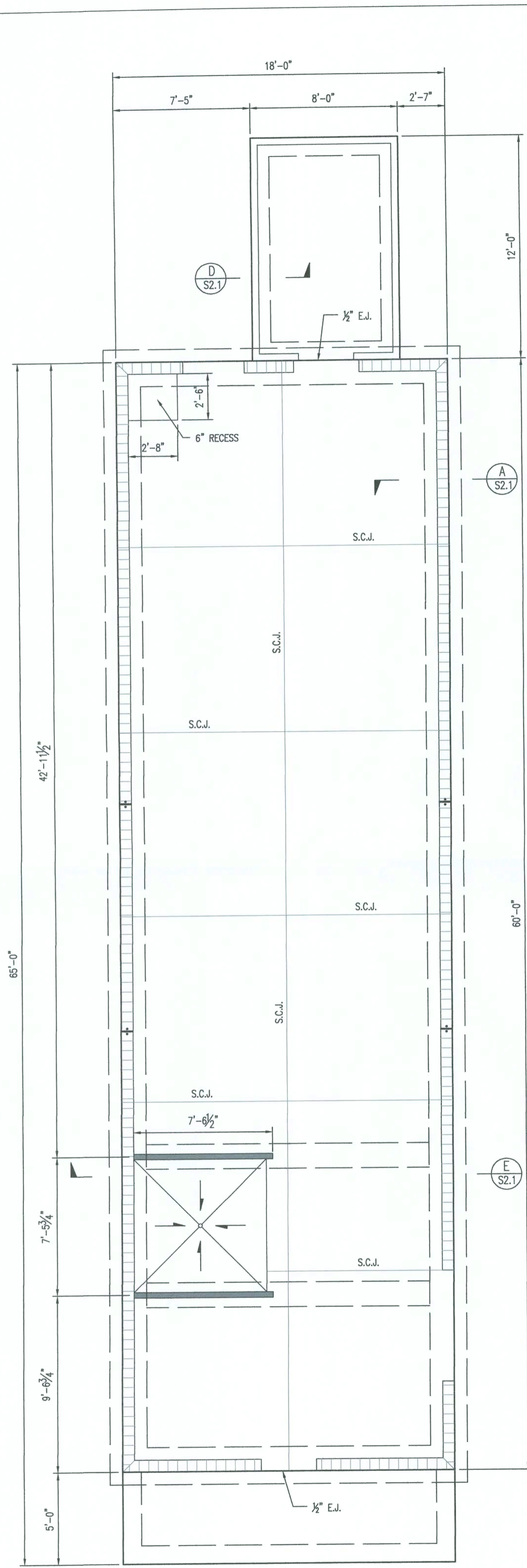


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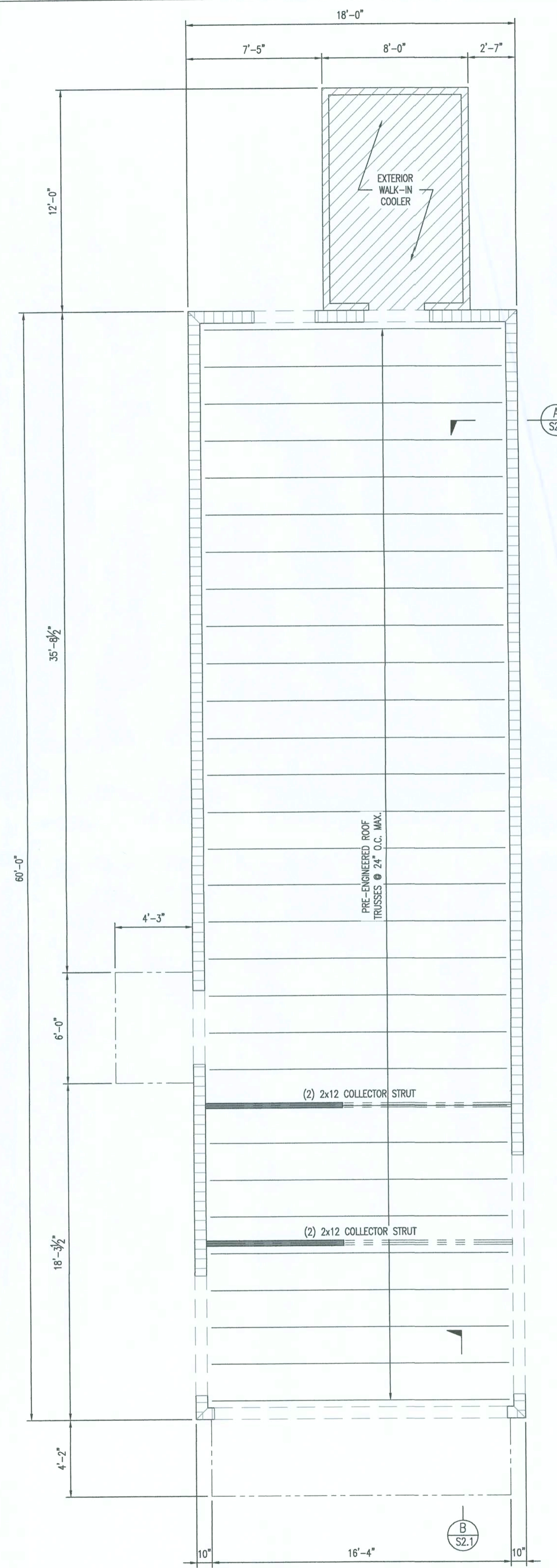


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FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"



ROOF FRAMING PLAN  
SCALE: 1/4" = 1'-0"



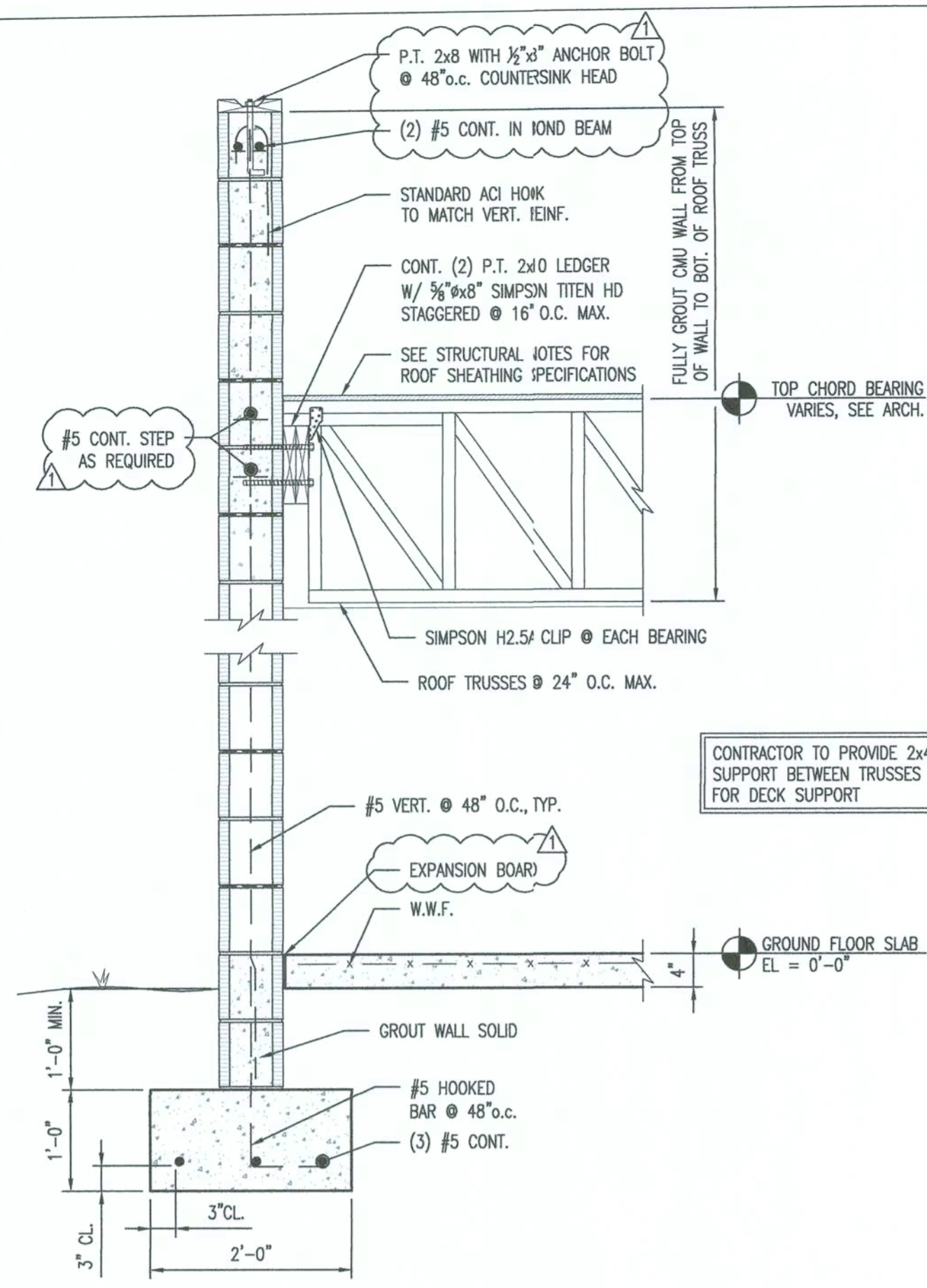
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DATE	1.30.19	
SHEET NUMBER	S1.1	

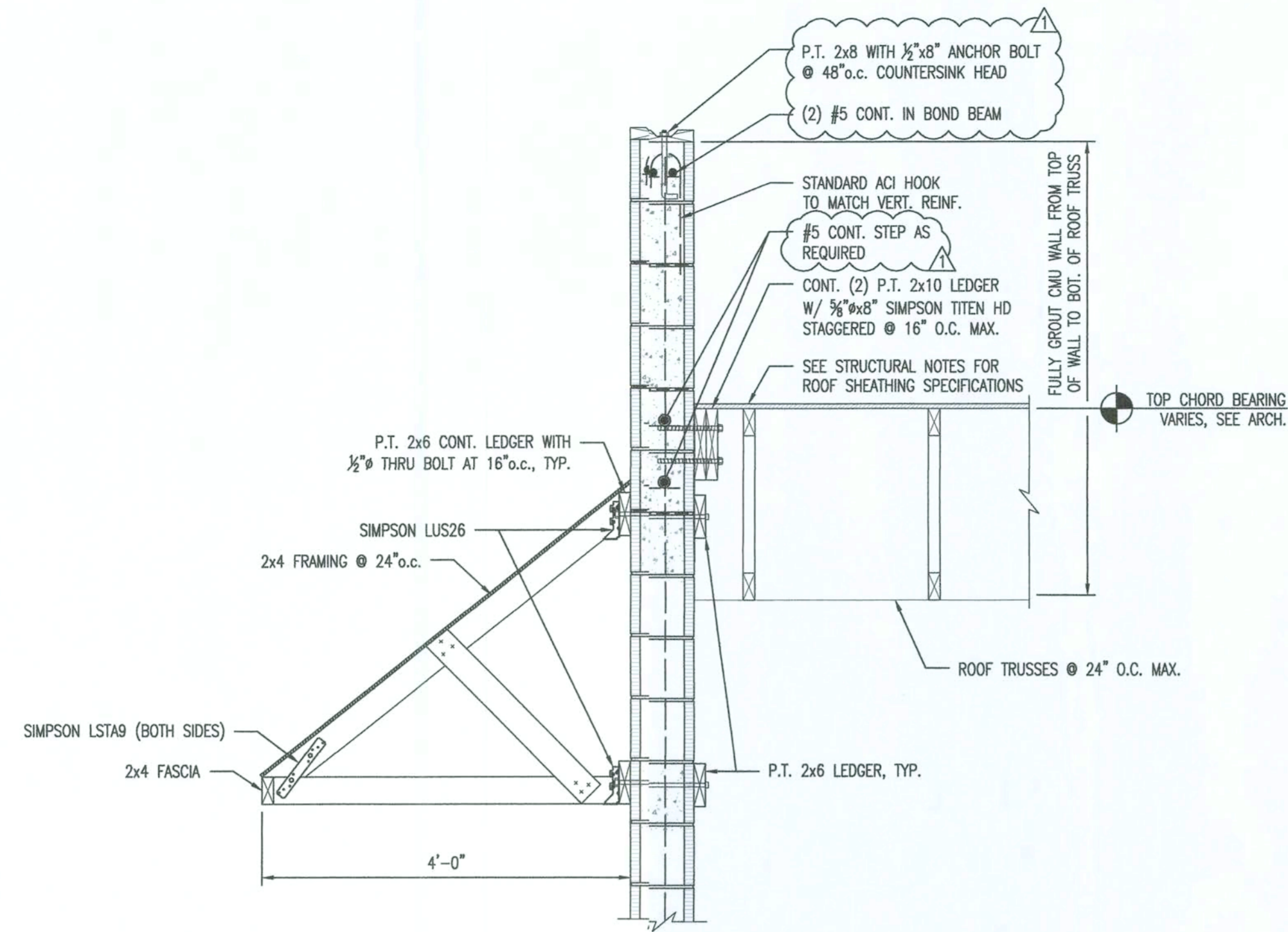


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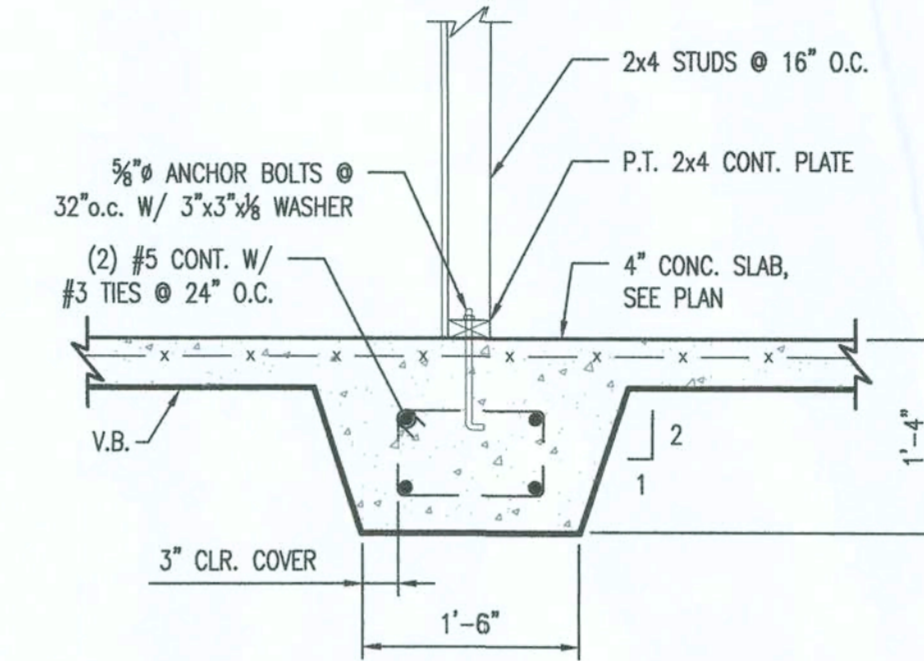
**HUNGRY HOWIES PIZZA**  
 STATE ROAD 100, LAKE BUTLER, FLORIDA, 32054  
**FOUNDATION AND FRAMING PLANS**



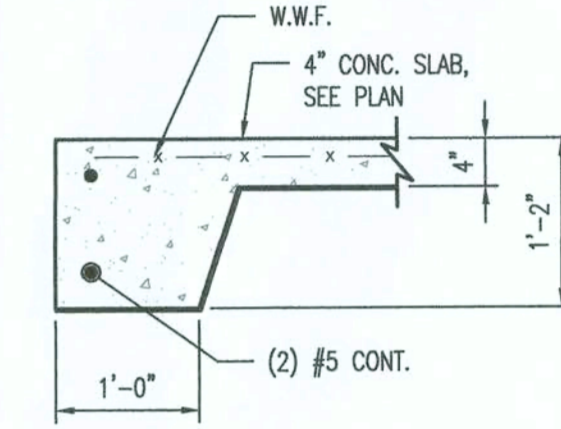
TYPICAL EXTERIOR WALL SECTION A  
SCALE: 3/4" = 1'-0"



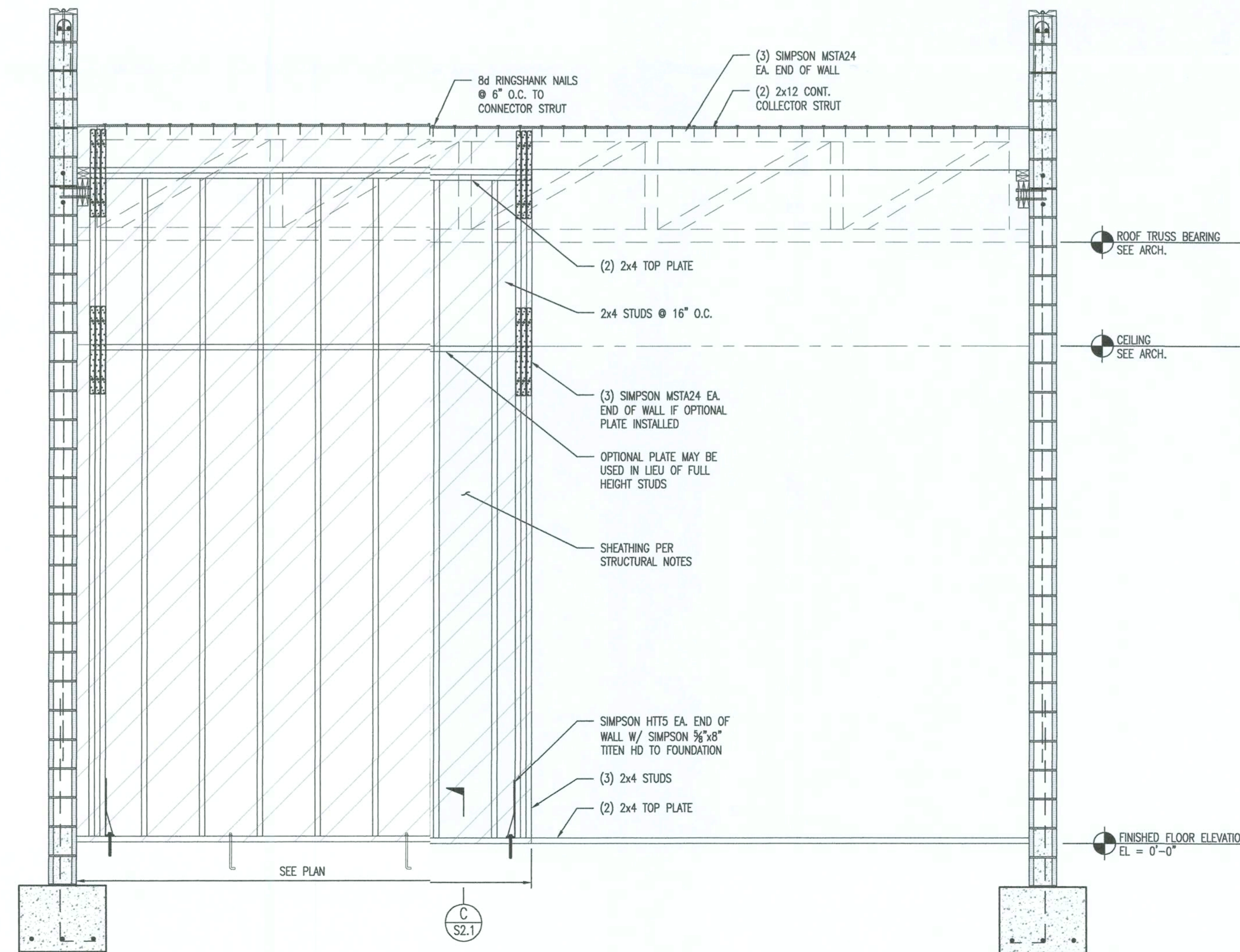
END WALL DETAIL B  
SCALE: 3/4" = 1'-0"



INTERIOR FOOTING DETAIL C  
SCALE: 3/4" = 1'-0"



TYPICAL TURNDOWN DETAIL D  
SCALE: 3/4" = 1'-0"



INTERIOR SHEAR WALL ELEVATION E  
SCALE: 3/4" = 1'-0"

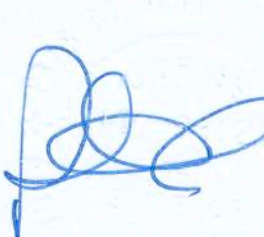
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HUNGRY HOWIES PIZZA  
 STATE ROAD 100, LAKE BUTLER, FLORIDA, 32054

STRUCTURAL DETAILS

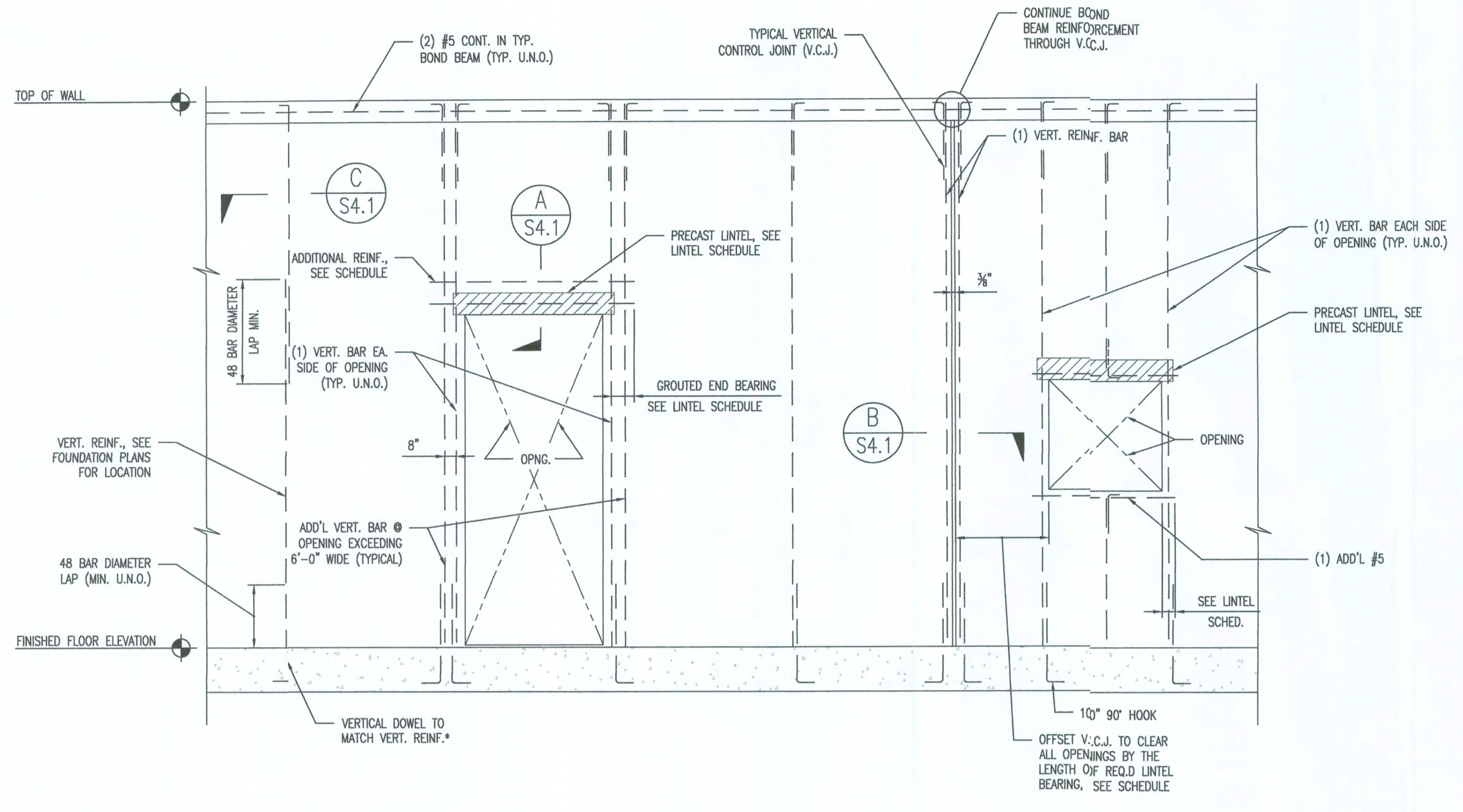


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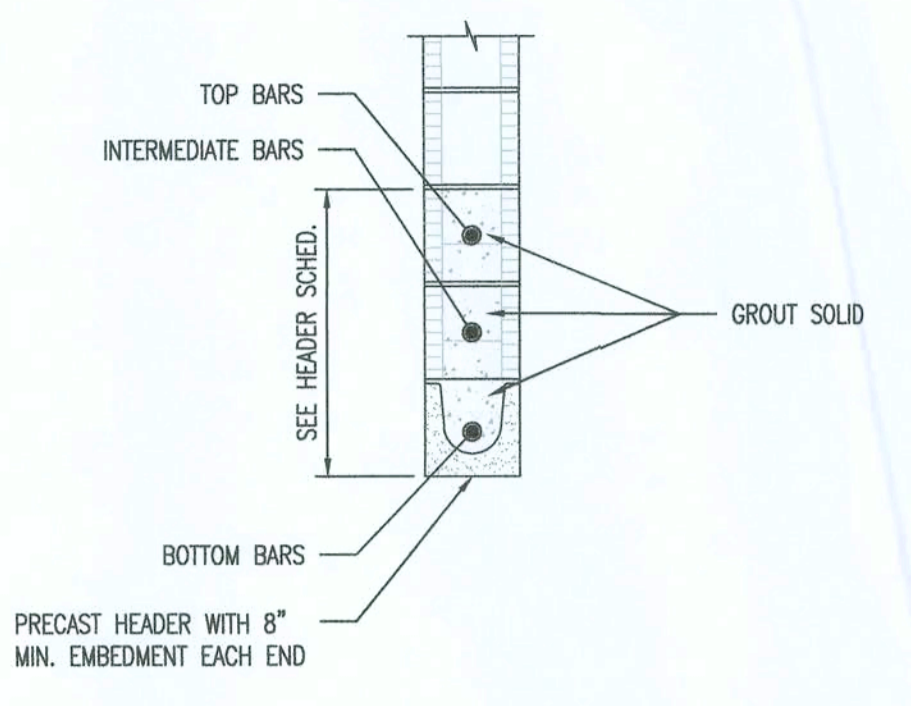
  
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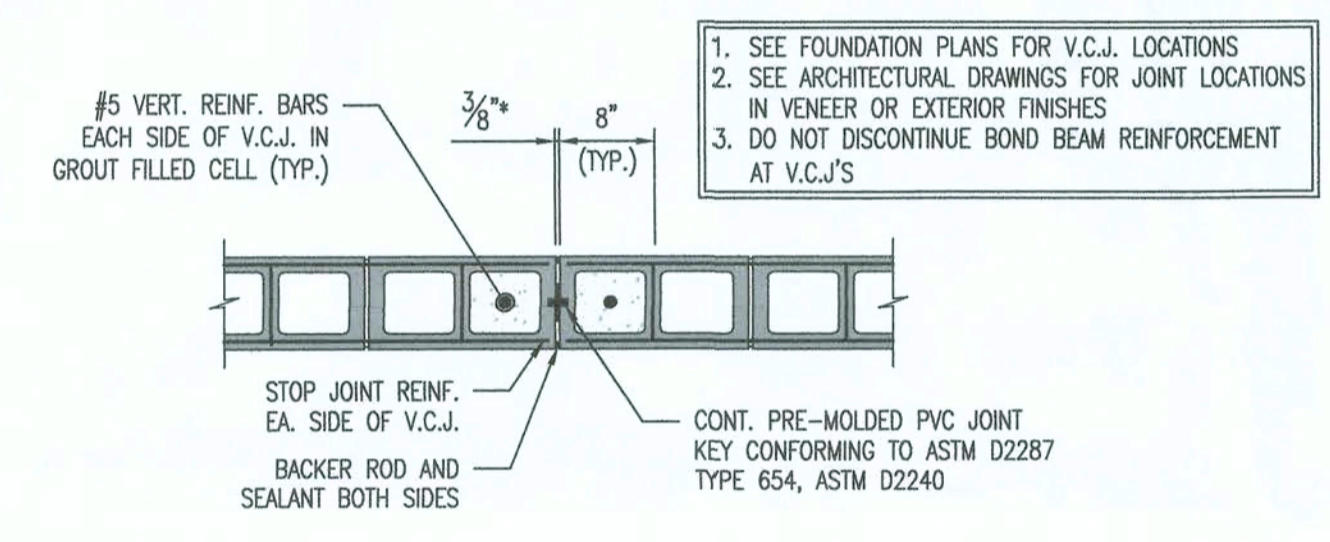




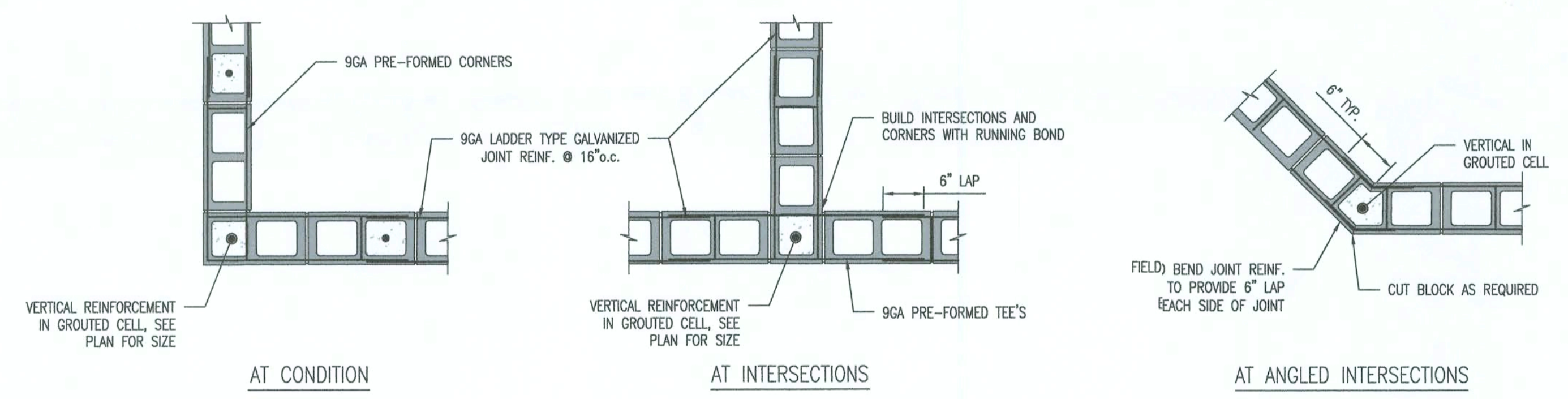
TYP. MASONRY WALL REINF. ELEVATION  
NO SCALE



TYPICAL HEADER SCHEDULE A  
NO SCALE



VERTICAL CONTROL JOINT DETAIL B  
NO SCALE



TYPICAL MASONRY WALL REINFORCING DETAILS C  
NO SCALE

LINTEL SCHEDULE (EXCEPT AS INDICATED OTHERWISE ON DRAWINGS)

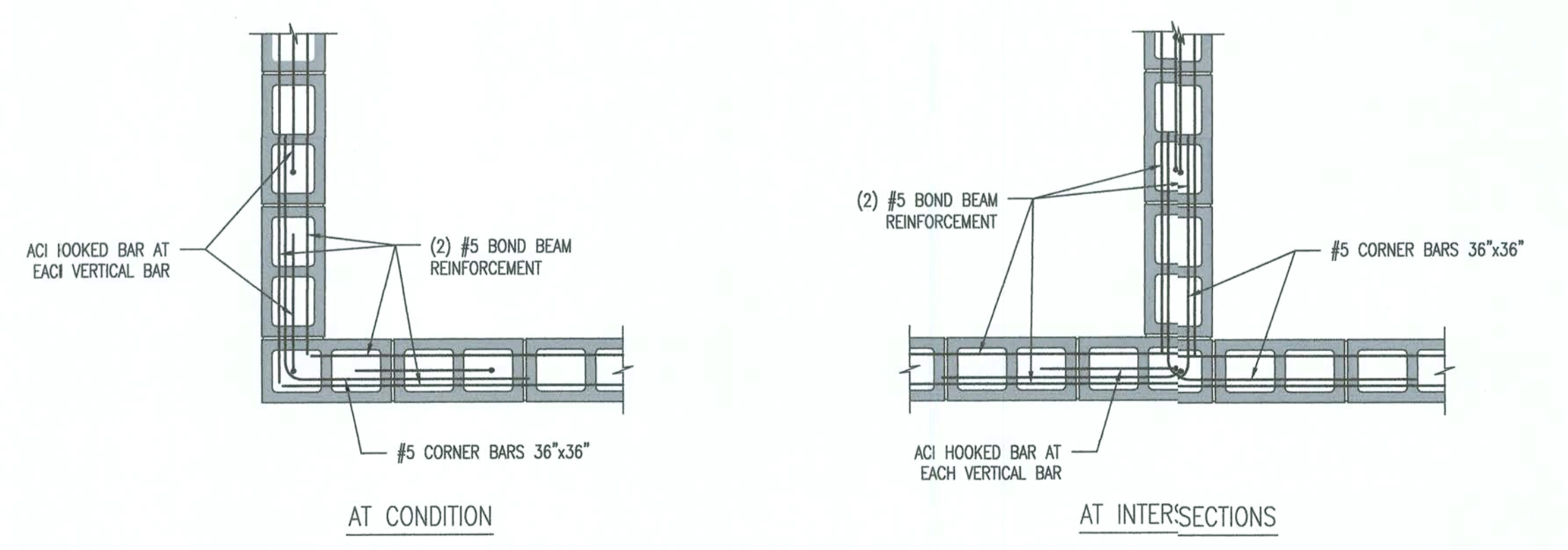
CLEAR SPANS	PRECAST LINTEL TYPE	DEPTH	GROUTED END BEARING	BOTTOM BARS	INTERMEDIATE BARS	TOP BARS
UP TO 2'-0" (INCL.)	PRECAST	8"	8" EA. END	GROUT SOLID	-	-
2'-0" TO 3'-8" (INCL.)	PRECAST	8"	8" EA. END	1 #5	-	-
3'-8" TO 6'-0" (INCL.)	PRECAST	16"	8" EA. END	1 #5	-	-
13'-4" TO 16'-4" (INCL.)	PRESTRESSED	24"	24" EA. END	1 #5	1 #5	1 #5

NOTES:

- PRECAST LINTELS SHALL BE AS MANUFACTURED BY CAST-CRETE OR APPROVED EQUIVALENT.
- AT MINIMUM PRECAST LINTELS SHALL HAVE NO LESS THAN 8" BEARING ON JAMB.
- IF FULL BEARING CANNOT BE OBTAINED, PROVIDE ANGLE BEAM SEAT WELDED SOLID TO STEEL COLUMN WITH BEARING LENGTH OF NOT LESS THAN 6" AND END REACTION OF 5 KIPS. WELD REINFORCING STEEL TO STEEL COLUMN.
- TOP REINFORCING TO BE 1/2" CLEAR FROM TOP OF LINTEL BEAM; BOTTOM REINFORCING TO BE 1/2" CLEAR FROM BOTTOM OF LINTEL BEAM.
- REINFORCING STEEL TO HAVE 1/2" CLEARANCE FROM INTERIOR FACE OF VOID.
- UNLESS APPROVED BY THE E.O.R., DO NOT NOTCH OR CUT LINTEL BEAMS FOR DUCTS, PIPES OR OTHER OPENINGS.

BRICK LINTEL SCHEDULE

SPANS	STEEL LINTEL	END BRG.
UP TO 2'-0" (INCL.)	1-3/8"x3/8" FLAT BAR	6" EA. END
2'-0" TO 4'-0" (DO.)	1-1 3/8"x3/8"x3/8"	8" (DO.)
4'-0" TO 6'-0" (DO.)	1-1 3/8"x3/8"x3/8" (L.L.V.)	10" (DO.)
6'-0" TO 8'-0" (DO.)	1-1 3/8"x3/8"x3/8" (L.L.V.)	12" (DO.)
8'-0" TO 10'-0" (DO.)	1-1 3/8"x3/8"x3/8" (L.L.V.)	14" (DO.)
10'-0" TO 12'-0" (DO.)	1-1 3/8"x3/8"x3/8" (L.L.V.)	16" (DO.)
12'-0" TO 14'-0" (DO.)	1-1 3/8"x3/8"x3/8" (L.L.V.)	18" (DO.)



BOND BEAM REINFORCING DETAILS D  
NO SCALE

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 MASONRY DETAILS

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DATE: 1-30-19

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