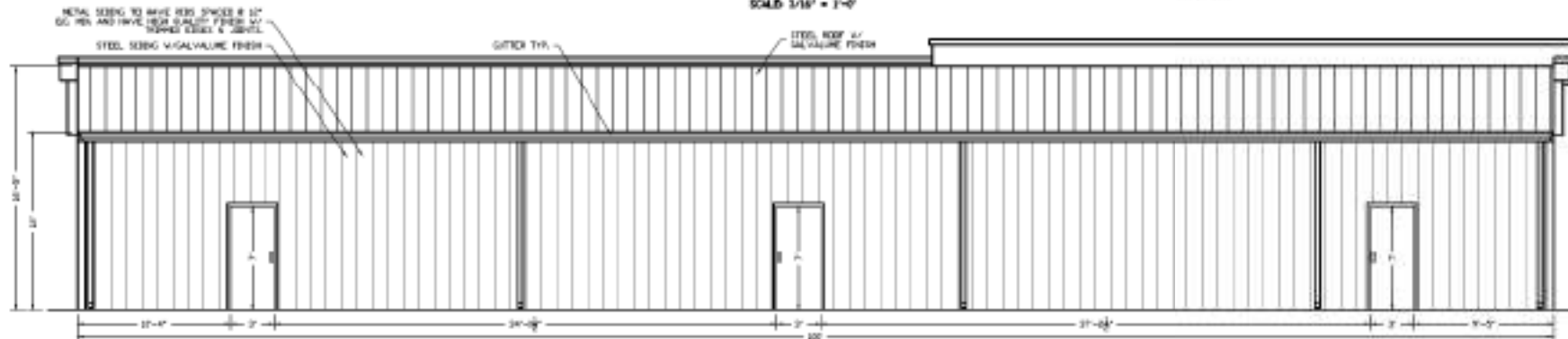
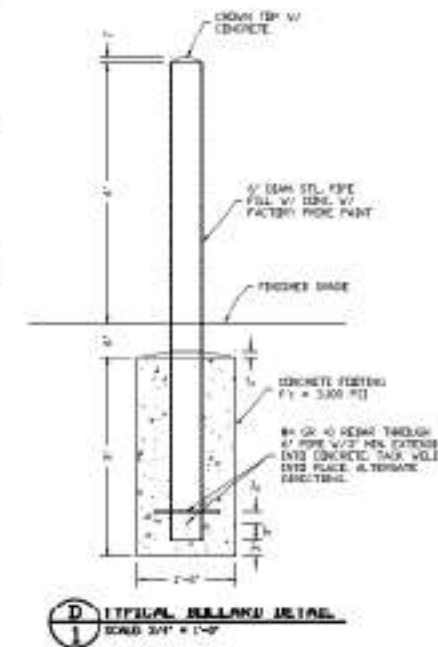




FRONT ELEVATION
SCALE 3/8" = 1'-0"

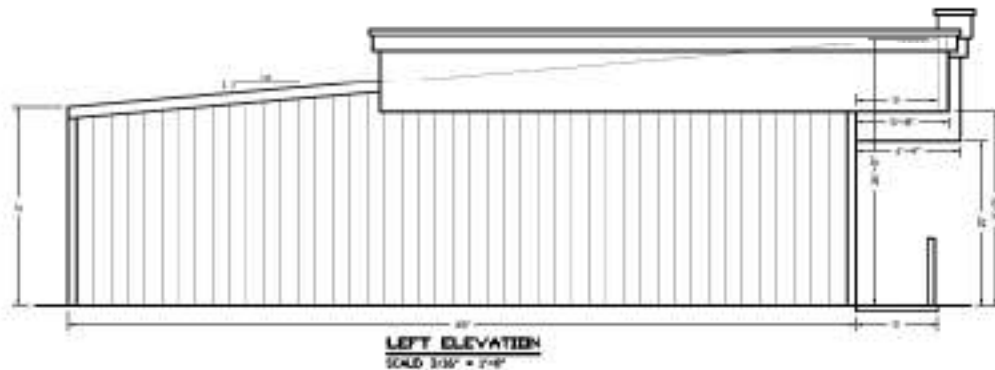


BACK ELEVATION
SCALE 3/8" = 1'-0"



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

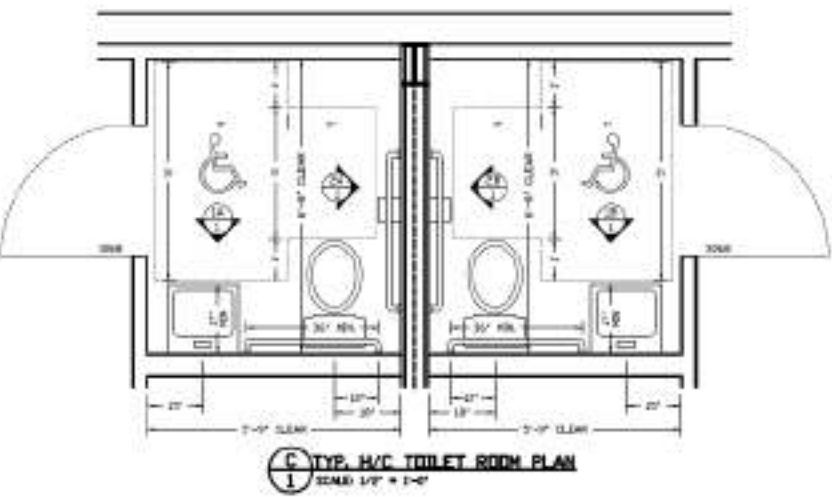
SMALL, NEW BRICKWORK (MASON LAY) CITRUS COUNTY IBC 404	
1	DO NOT a) INDUSTRIAL, AGRICULTURAL, HOUSING AND USE b) TRANSPORTATION, COMMERCIAL, COUNTY USE c) APPROVED FROM 40 ANS. 12. 2007 d) METHOD OF WORKMANSHIP & ACCESSORY
2	FACE a) 1/2" OFFSET & JOINT TO 4 b) ON JOINT, THE FOLLOWING: i) COILING ii) SANDS/PARTICLE iii) SANDS/COLORADO iv) SANDS v) SANDS
3	SEAL FEATURES NEED A LEAK & 10-FT a) SMALL DRAINAGE b) WEATHER c) WEATHER WEATHER MATERIAL (BRASS) d) WEATHER WEATHER (BRASS) FOR ALL OFFSETS SEPARATE BY SIZE OF JOINT LESS THAN 1/2" IN JOINT AND 1/2" IN SIZE
4	INVERTS a) APPROVED FROM 40 ANS. 12. 2007 b) APPROVED FROM 40 ANS. 12. 2007
5	EXTERIOR CLEARLY DEFINED AND HAVE 10-FT THE FOLLOWING: a) SANDS/PARTICLE b) SANDS/PARTICLE c) SANDS/PARTICLE d) SANDS/PARTICLE e) SANDS/PARTICLE f) SANDS/PARTICLE g) SANDS/PARTICLE h) SANDS/PARTICLE i) SANDS/PARTICLE j) SANDS/PARTICLE k) SANDS/PARTICLE l) SANDS/PARTICLE m) SANDS/PARTICLE n) SANDS/PARTICLE o) SANDS/PARTICLE p) SANDS/PARTICLE q) SANDS/PARTICLE r) SANDS/PARTICLE s) SANDS/PARTICLE t) SANDS/PARTICLE u) SANDS/PARTICLE v) SANDS/PARTICLE w) SANDS/PARTICLE x) SANDS/PARTICLE y) SANDS/PARTICLE z) SANDS/PARTICLE
6	ROOF TREATMENT a) SANDS/PARTICLE b) SANDS/PARTICLE c) SANDS/PARTICLE d) SANDS/PARTICLE e) SANDS/PARTICLE f) SANDS/PARTICLE g) SANDS/PARTICLE h) SANDS/PARTICLE i) SANDS/PARTICLE j) SANDS/PARTICLE k) SANDS/PARTICLE l) SANDS/PARTICLE m) SANDS/PARTICLE n) SANDS/PARTICLE o) SANDS/PARTICLE p) SANDS/PARTICLE q) SANDS/PARTICLE r) SANDS/PARTICLE s) SANDS/PARTICLE t) SANDS/PARTICLE u) SANDS/PARTICLE v) SANDS/PARTICLE w) SANDS/PARTICLE x) SANDS/PARTICLE y) SANDS/PARTICLE z) SANDS/PARTICLE



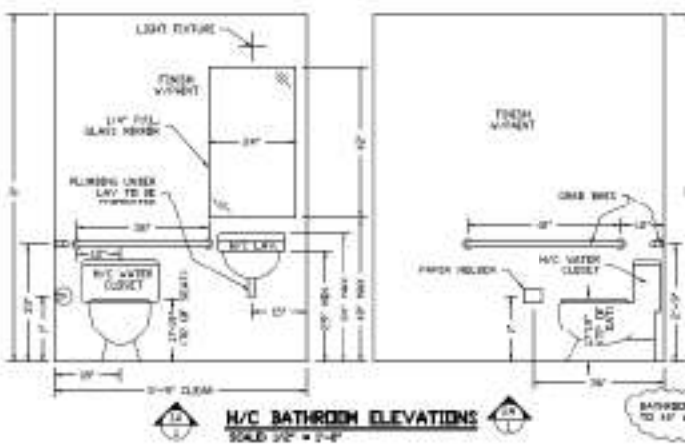
LEFT ELEVATION
SCALE 3/8" = 1'-0"



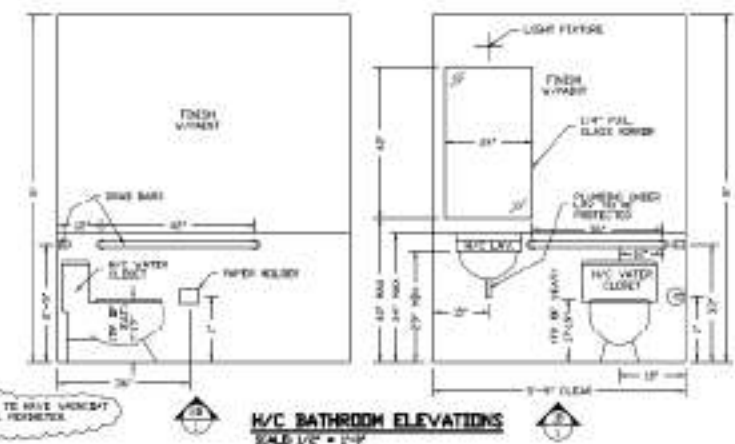
RIGHT ELEVATION
SCALE 3/8" = 1'-0"



TYP. M/C TOILET ROOM PLAN
SCALE 1/8" = 1'-0"

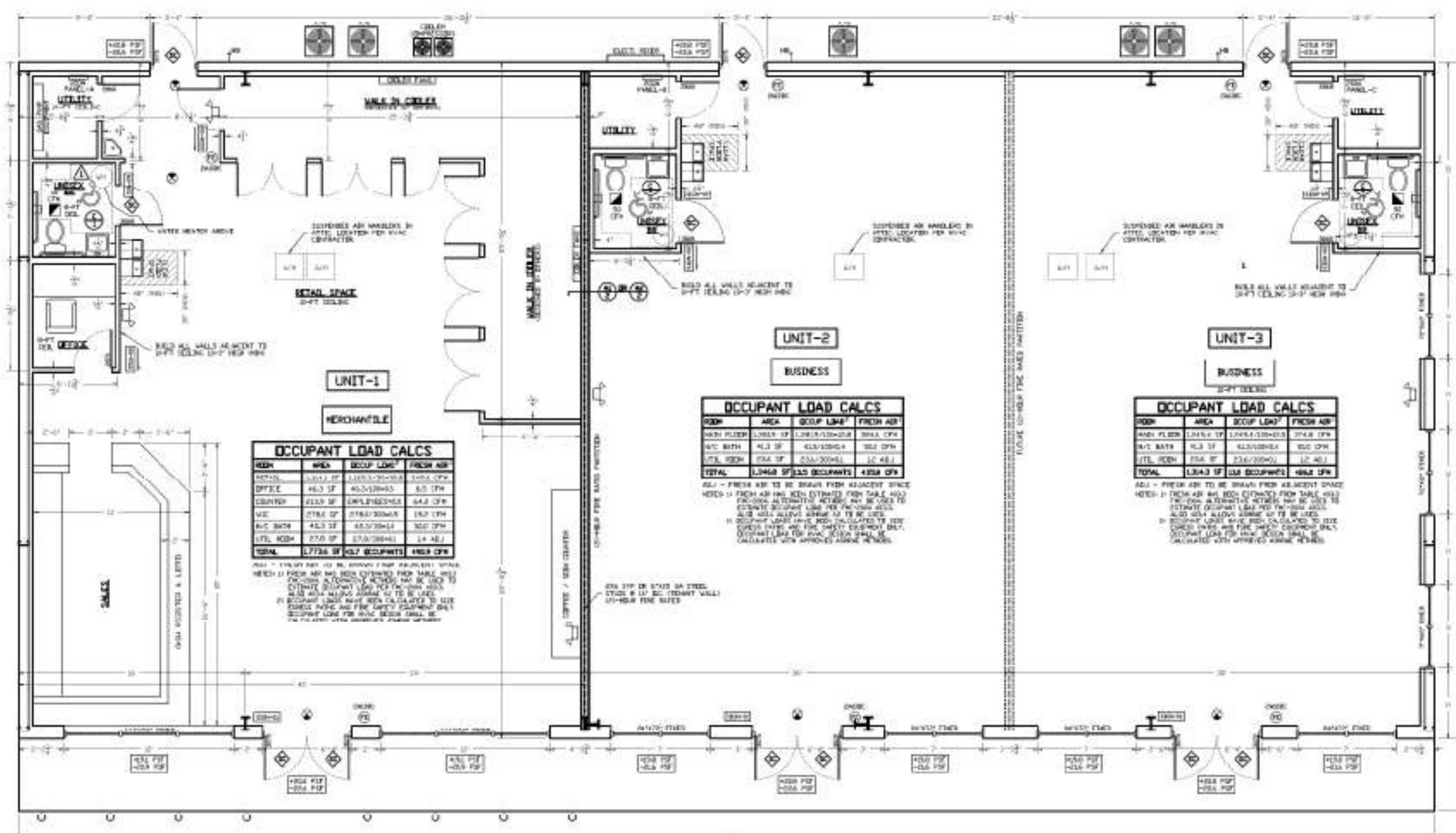


M/C BATHROOM ELEVATIONS
SCALE 1/2" = 1'-0"



M/C BATHROOM ELEVATIONS
SCALE 1/2" = 1'-0"

DATE: 5/26/07	DRAWN BY: EA	CHECKED BY: EA	SCALE: 1/8" = 1'-0"
PROJECT NO.:	PROJECT NO.:	PROJECT NO.:	PROJECT NO.:
ELEVATIONS			
GAS STATION BEVERLY HILLS, FL			
SHEET	1	OF 7	



OCCUPANT LOAD CALCS

ROOM	AREA	OCCUP. LOAD	FRESH AIR
RETAIL	1,100.00 SF	110.00	1,100.00 CFM
OFFICE	45.00 SF	4.50	45.00 CFM
CORRIDOR	1,100.00 SF	110.00	1,100.00 CFM
ME	1,100.00 SF	110.00	1,100.00 CFM
B/C BATH	45.00 SF	4.50	45.00 CFM
UTIL. ROOM	275.00 SF	27.50	275.00 CFM
TOTAL	3,065.00 SF	306.50	3,065.00 CFM

OCCUPANT LOAD CALCS

ROOM	AREA	OCCUP. LOAD	FRESH AIR
RETAIL	1,100.00 SF	110.00	1,100.00 CFM
OFFICE	45.00 SF	4.50	45.00 CFM
CORRIDOR	1,100.00 SF	110.00	1,100.00 CFM
ME	1,100.00 SF	110.00	1,100.00 CFM
B/C BATH	45.00 SF	4.50	45.00 CFM
UTIL. ROOM	275.00 SF	27.50	275.00 CFM
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OFFICE	45.00 SF	4.50	45.00 CFM
CORRIDOR	1,100.00 SF	110.00	1,100.00 CFM
ME	1,100.00 SF	110.00	1,100.00 CFM
B/C BATH	45.00 SF	4.50	45.00 CFM
UTIL. ROOM	275.00 SF	27.50	275.00 CFM
TOTAL	3,065.00 SF	306.50	3,065.00 CFM

BUILDING CONSTRUCTION REQUIREMENTS

REQUIREMENT	TYPE	PROVIDED
CONSTRUCTION TYPE	TYPE III M&U	TYPE III M&U
FIRE PROTECTED	UNPROTECTED	UNPROTECTED
UPRAISED	NOT PROVIDED	NOT PROVIDED

AREA NOTIFICATION

REQUIREMENT	TYPE	PROVIDED
BUILDING PROTECTED BY	NA	NA
USABLE PROTECTED BY	NA	NA
WITH 10' HIGH WALL	NA	NA
UPRAISED BY	NA	NA
2 1/2" MINIMUM WALL	NA	NA

BUILDING LIMITATIONS

REQUIREMENT	TYPE	PROVIDED
1 1/2" MINIMUM WALL	NA	NA
2 1/2" MINIMUM WALL	NA	NA
2 1/2" MINIMUM WALL	NA	NA

FIRE RESISTANCE RATINGS OF BUILDING ELEMENTS

BUILDING COMPONENT	REQUIRED RATING	PROVIDED RATING
STRUCTURAL FRAME	N/A	N/A
BEARING WALL	1.00	1.00
NON-BEARING WALL & PARTITION	0.10	0.10
FLOOR CONSTRUCTION	0.10	0.10
ROOF CONSTRUCTION	0.10	0.10

FIRE RESISTANCE RATINGS OF EXTERIOR WALLS

WALL LOCATION	SEPARATED BY	REQUIRED RATING	PROVIDED RATING
NORTH WALL	OVER 30 FT	0	0
EAST WALL	OVER 30 FT	0	0
WEST WALL	OVER 30 FT	0	0
SOUTH WALL	OVER 30 FT	0	0

EXTERIOR WALL OPENING (FIC TABLE 704)

WALL	MINIMUM SEPARATION PROVIDED	PERCENT OPENING ALLOWED	PERCENT OPENING PROVIDED
NORTH WALL	OVER 30 FT	NA	NA
EAST WALL	OVER 30 FT	NA	NA
WEST WALL	OVER 30 FT	NA	NA
SOUTH WALL	OVER 30 FT	NA	NA

TYPICAL ADA STORAGE

STORAGE NOTES:

- STORAGE SHALL BE INSTALLED AT AN OPENING IN AN ADJACENT WALL OR LATCH SIDE OF DOOR. IF LATCH SIDE HAS NO WALL SPACE, IT SHALL BE INSTALLED TO THE RIGHT OF THE DOOR. STORAGE SHALL BE INSTALLED TO THE RIGHT OF THE DOOR. STORAGE SHALL BE INSTALLED TO THE RIGHT OF THE DOOR.
- STORAGE SHALL BE INSTALLED TO THE RIGHT OF THE DOOR. STORAGE SHALL BE INSTALLED TO THE RIGHT OF THE DOOR. STORAGE SHALL BE INSTALLED TO THE RIGHT OF THE DOOR.
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DESIGN CRITERIA

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-2004 W/2005 & 2006 SUPPLEMENTS.

WIND SPEED: 110 MPH (3-SEC GUST)
 IMPORTANCE FACTOR: 1.00
 VENT EXPOSURE: 3
 FLOOR LIVE LOAD: 120 PSF
 ROOF LIVE LOAD: 20 PSF
 INTERNAL PRESSURE COEFF: 0.10

LIFE SAFETY / FIRE PREVENTION NOTES

- ALL EXIT SIGNS TO BE BATTERY BACK UP.
- ALL EMERGENCY LIGHTING TO HAVE BATTERY BACKUP.
- ADDRESS IS TO BE POSTED AND MUST BE VISIBLE FROM THE HIGHWAY WITH 6" NUMBERS BY INTERNATIONAL SIGNAGE.
- ALL FIRE EXTINGUISHERS SHALL BE INSPECTED, TAGGED & MAINTAINED.
- A FIRE HYDRANT IS REQUIRED WITHIN 500-FT SURROUNDING DISTANCE OF THE BUILDING IF CENTRAL WATER IS AVAILABLE WITHIN 1000-FT. FIRE-BOX KEY FOR CITY OF BEVERLY HILLS. PERFORMANCE FROM 4 SHALL BE INSTALLED. SEE INFORMATION FOR OPTIONS & ORDERING.

TOTAL OCCUP. LD

ROOM	LD
UNIT-1	110
UNIT-2	110
UNIT-3	110
TOTAL	330

DESIGN OF STEEL BUILDINGS SHALL BE BY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.

COMPONENT AND CLADDING PRESSURE ZONES

AREA	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
10 SF	+1.00	+1.00	+1.00	+1.00	+1.00
10 SF	+1.00	+1.00	+1.00	+1.00	+1.00
10 SF	+1.00	+1.00	+1.00	+1.00	+1.00
10 SF	+1.00	+1.00	+1.00	+1.00	+1.00

INSULATION NOTES

- ALL INSULATION SHALL BE THERMAL AND/OR ACoustICAL HAVING A MAX FLAME SPREAD OF 25 AND MAX SMOKE DEVELOPMENT OF 100 WITH THE FOLLOWING EXCEPTIONS:
- INSULATION PLACED BETWEEN JOINTS OF NON-COMBUSTIBLE MATERIAL WITH NO JOINT SHALL HAVE MAX FLAME SPREAD OF 25.
- BY OTHER EXCEPTIONS FOR FIC-2004 602L.

INSULATION NOTES

- ALL CONDITIONED SPACES SHALL HAVE R-13 MIN WALL INSULATION & R-19 MIN CEILING INSULATION.

ROOM FINISH SCHEDULE

ROOM	WALLS	FLOOR	CEILING	DOOR	GLASS
OFFICE SPACES	CR	OP	VEHL	NO	NO
RETAIL	CR	OP	VEHL	NO	NO
RENTAL SPACE	CR	OP	VEHL	NO	NO
MECHANICAL	CR	OP	VEHL	NO	NO
UTILITY ROOMS	CR	OP	VEHL	NO	NO



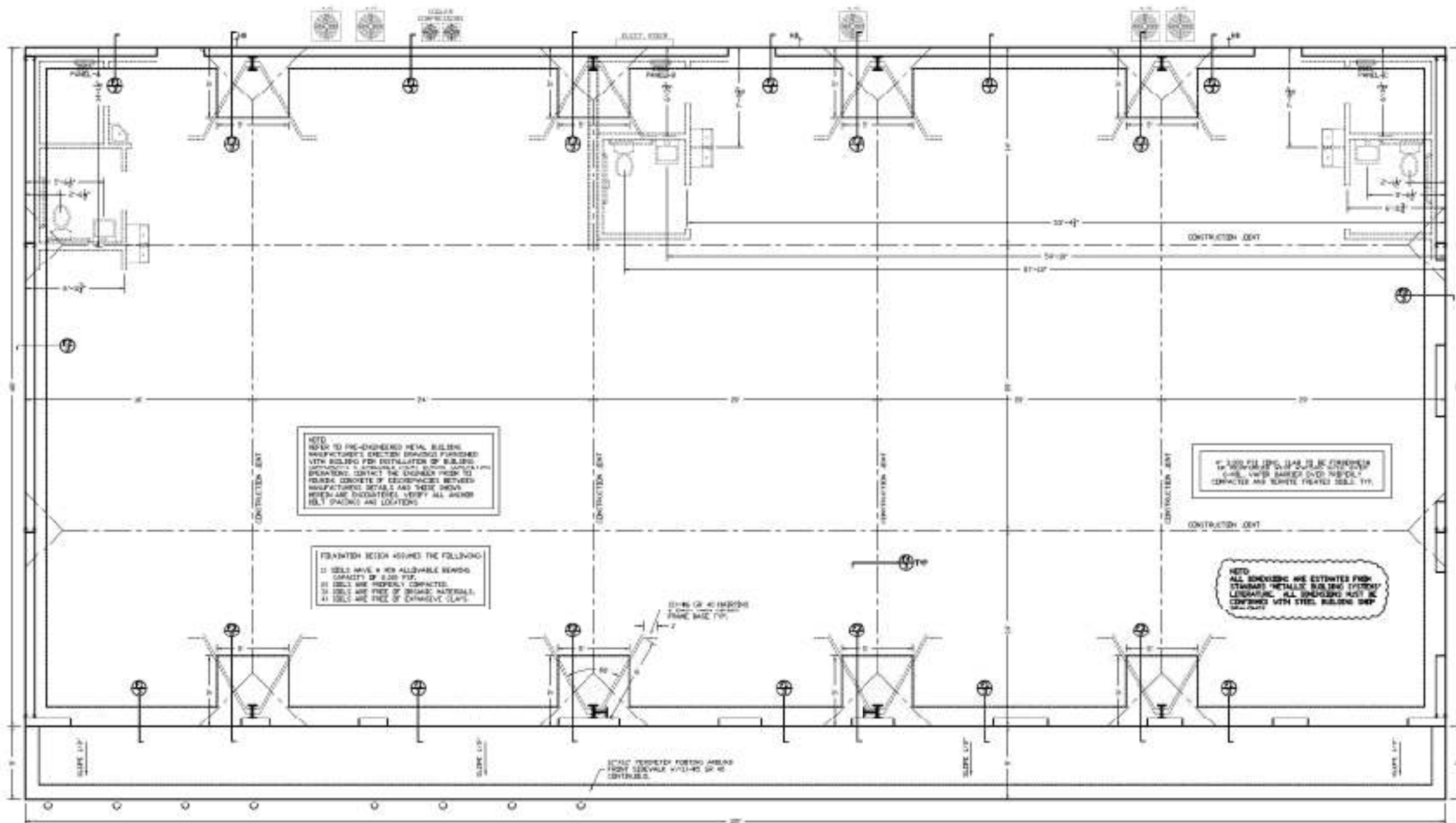
HVAC SYSTEM DESIGN NOTES

- HVAC DESIGN SHALL SUPPLY THE FRESH AIR AS SHOWN IN OCCUPANT LOAD TABLE THIS SHEET. SEE NOTES 1 & 2 BELOW FOR DETAILS.
- ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL PROVIDE FIRE DAMPERS AS FOLLOWS:
 CO-HOUR FIRE RATED ASSEMBLIES: 175-MIN DAMPER
 2-HOUR FIRE RATED ASSEMBLIES: 180-MIN DAMPER
 3-HOUR FIRE RATED ASSEMBLIES: 180-MIN DAMPER

SELF-CLOSING DOOR

2 1/2" MINIMUM WALL INSULATION

2 1/2" MINIMUM WALL INSULATION



NOTE: REFER TO THE ENGINEER'S METAL BUILDING MANUFACTURER'S SPECIFICATIONS FOR THE BUILDING WITH REGARD TO THE INSTALLATION OF BUILDING LIGHTNING RODS. CONTACT THE ENGINEER FROM TO PROVIDE CONCRETE OR REINFORCED CONCRETE MANUFACTURER'S DETAILS AND THESE DETAILS WHEN ARE INDICATED, VERIFY ALL ANCHOR BOLT SPACING AND LOCATIONS.

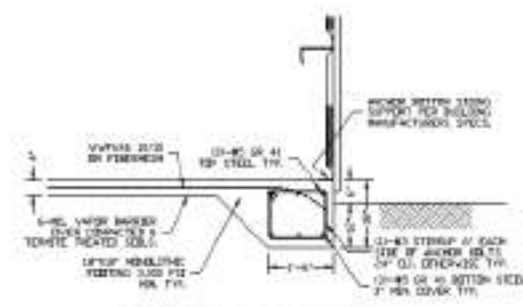
FOUNDED BEARS SHOULD THE FOLLOWING:
 1) SOILS HAVE A MIN ALLOWABLE BEARING CAPACITY OF 2,000 PSF.
 2) SOILS ARE PROPERLY COMPACTED.
 3) SOILS ARE FREE OF ORGANIC MATERIALS.
 4) SOILS ARE FREE OF EXPANSIVE CLAYS.

4" VAPOR BARRIER SHALL BE INSTALLED OVER THE VAPOR BARRIER OVER THE ONLY COMPACTED AND BLENDED TREATED SOILS, TYP.

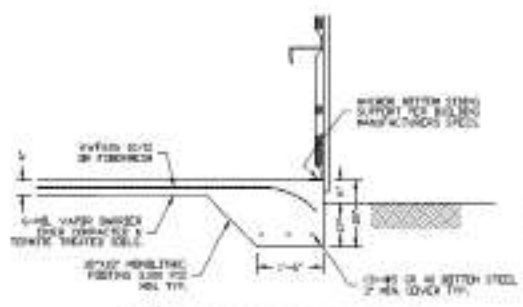
NOTE: ALL DIMENSIONS ARE ESTIMATED FROM STANDARD METALLIC BUILDING TYPICAL LITERATURE. ALL DIMENSIONS MUST BE CORROBORATED WITH STEEL BUILDING SHOP DRAWINGS.



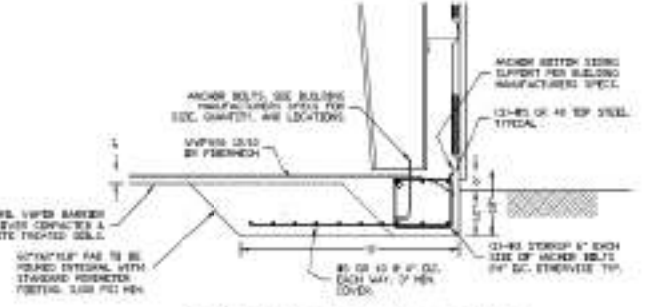
FOUNDATION PLAN
SCALE 1/4" = 1'-0"



F1 TYPICAL PERIMETER FOOTING



F2 TYPICAL PERIMETER FOOTING



F3 TYPICAL PAD & STEEL COLUMNS

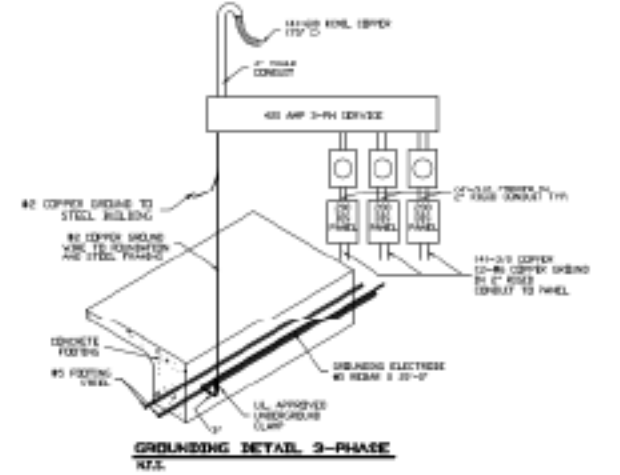


F4 CONSTRUCTION JOINT



ELECTRICAL LOAD CALCULATING	
CONTINUOUS LOADS	
GENERAL LIGHTING - 1,000 SF @ 20 VA/FT ²	20,000
SHOW WINDOW LIGHTING - 70 FT @ 200 VA/FT	14,000
DEFREE COILS - 10 @ 8,000 VA EACH	80,000
SUB-TOTAL	114,000
NON-CONTINUOUS LOADS	
RECEPTACLE LOAD - 80 RECEPTACLES @ 30 VA EACH	2,400
SUB-TOTAL	116,400
HEAT LOADS	
HVAC SYSTEM	10,000
WATER HEATER	1,000
SUB-TOTAL	127,400
TOTAL	
CONTINUOUS LOADS @ 125%	142,500
NON-CONTINUOUS LOADS 100% PER NEC ARTICLE 220	12,900
NON-CONTINUOUS LOADS 75% AS REQUIRED	19,000
HEAT LOADS @ 100%	11,000
FINAL TOTAL	185,400
MAXIMUM VA / 240 V = 772 AMP	772 AMP

ELECTRICAL PLAN
SCALE 1/4" = 1'-0"

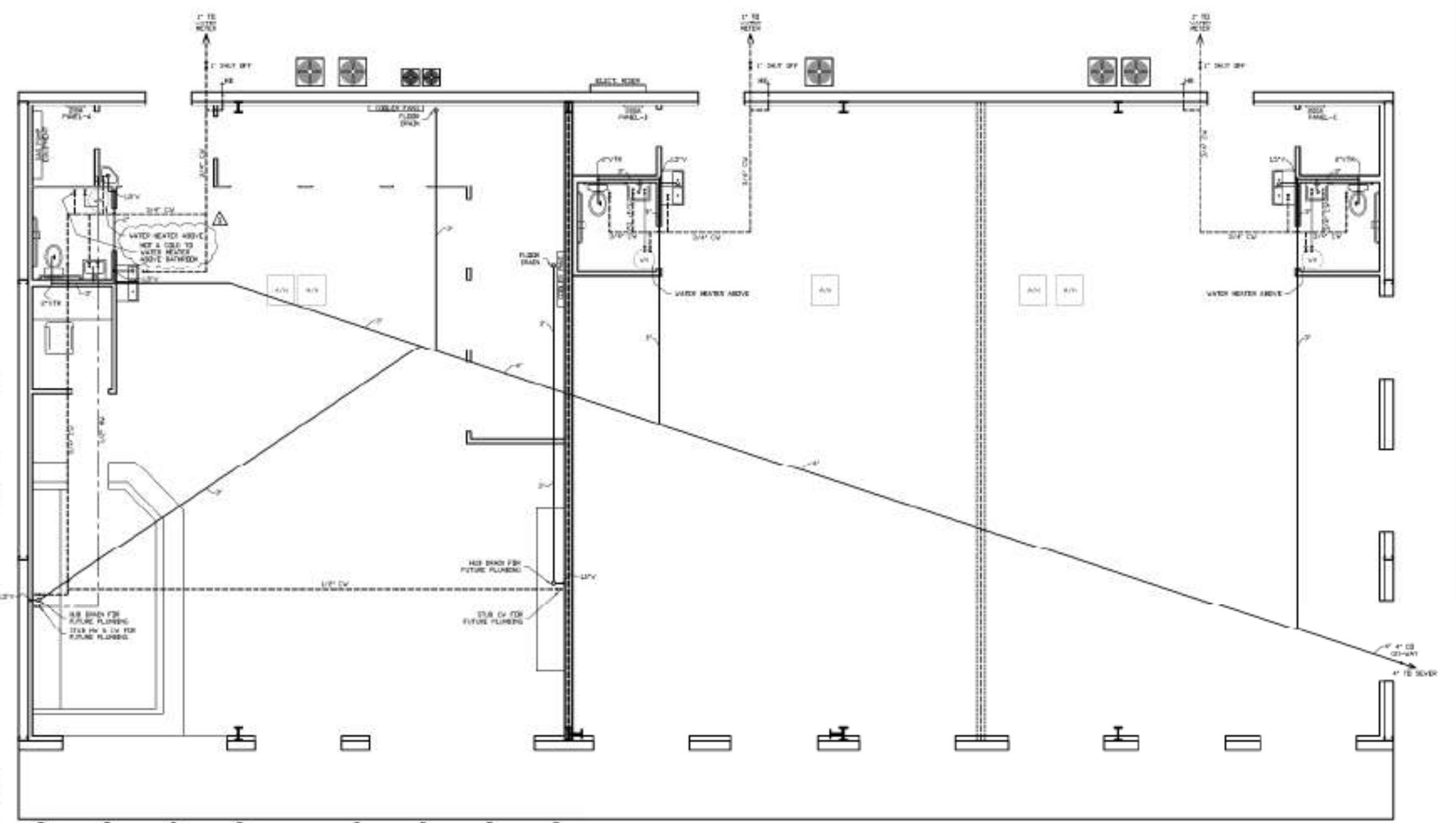


PANEL A		200 AMP-3P	
LINE	CIRCUIT TYPE	TRIP	LOAD
A1	RECEPTACLE	30	10
A2	RECEPTACLE	30	10
A3	RECEPTACLE	30	10
A4	RECEPTACLE	30	10
A5	RECEPTACLE	30	10
A6	RECEPTACLE	30	10
A7	RECEPTACLE	30	10
A8	RECEPTACLE	30	10
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A200	RECEPTACLE	30	10

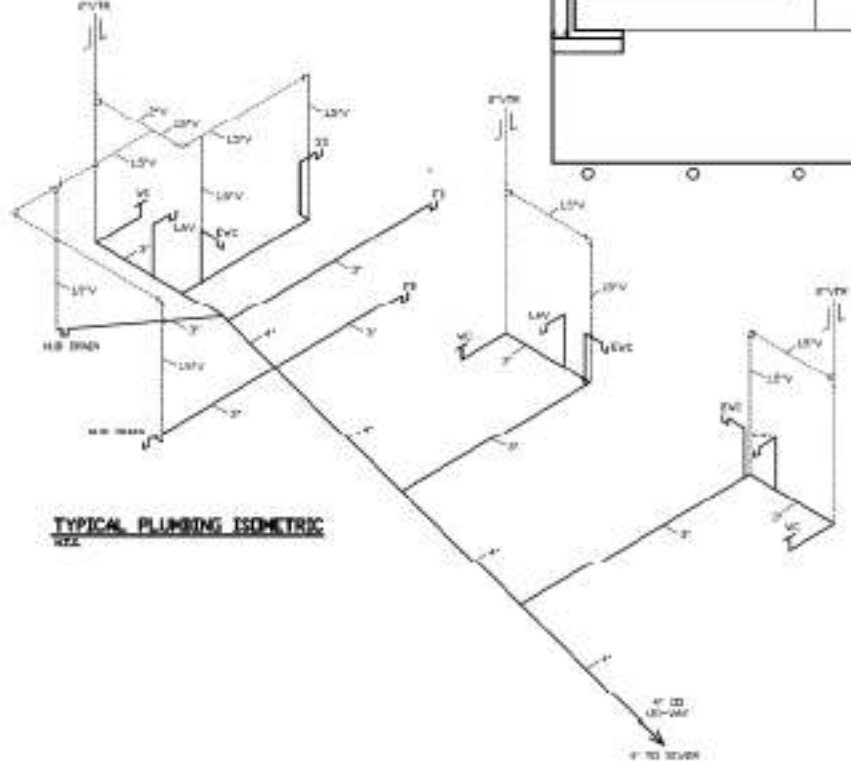
PANEL B		200 AMP-3P	
LINE	CIRCUIT TYPE	TRIP	LOAD
B1	RECEPTACLE	30	10
B2	RECEPTACLE	30	10
B3	RECEPTACLE	30	10
B4	RECEPTACLE	30	10
B5	RECEPTACLE	30	10
B6	RECEPTACLE	30	10
B7	RECEPTACLE	30	10
B8	RECEPTACLE	30	10
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B11	RECEPTACLE	30	10
B12	RECEPTACLE	30	10
B13	RECEPTACLE	30	10
B14	RECEPTACLE	30	10
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B24	RECEPTACLE	30	10
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B26	RECEPTACLE	30	10
B27	RECEPTACLE	30	10
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B75	RECEPTACLE	30	10
B76	RECEPTACLE	30	10
B77	RECEPTACLE	30</	

PLUMBING NOTES

01. COORDINATE ALL PIPING RELATING WITH ALL OTHER TRADES PRIOR TO INSTALLATION. NOTE ALL PENETRATIONS THROUGH STRUCTURAL MEMBERS ARE REQUIRED FOR PLUMBING INSTALLATIONS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO INSTALLATION TO INSURE THAT STRUCTURAL INTEGRITY IS MAINTAINED.
02. CHECK ALL PENETRATIONS ABOVE CEILING, WINDOW WALLS OR IN CHASES EXIST AS SPECIFICALLY NOTED.
03. SLEEVE THE FIRE STOP ALL PENETRATIONS OF WALLS, CEILING, FLOORS, ETC. IN ACCORDANCE WITH APPLICABLE UL STANDARDS AND LOCAL CODES TO MAINTAIN RATED USE SPECIFICATION. SEE ARCHITECTURAL DRAWINGS FOR WINDOW WALLS AND FLOORS.
04. PIPE RELATING TO CHASE IS SHOWN AND IS INTENDED TO INDICATE GENERAL ROUTING. PLUMBING CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AS SPECIFIED IN FIELD.
05. ALL PLUMBING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE APPLICABLE LOCAL, STATE AND FEDERAL CODES AND APPLICABLE STANDARDS, REGULATIONS AND AUTHORITY. MAINTAIN JURISDICTION OVER THE PROJECT.
06. PROVIDE ACCESS PANELS TO ALL VALVES WHEN CHASES BY ABOVE NON-ACCESSIBLE CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING PANELS.
07. INSTALL WATER HEATER ABOVE BATHROOM AT EACH FLOOR OR BATTERY OF FLOORS. WATER HEATER ABOVE BATHROOM SHALL BE FACTORY-FABRICATED. INSTALL WATER HEATER ABOVE BATHROOM AND BATHROOM EXISTING STAINLESS STEEL SINKS. ALL WATER HEATER ABOVE BATHROOM SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER. ALL WATER HEATER ABOVE BATHROOM SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER. ALL WATER HEATER ABOVE BATHROOM SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER. ALL WATER HEATER ABOVE BATHROOM SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER.
08. SIZE CONNECTIONS SHALL BE PROVIDED BY OWNER. SIZE UTILIZED DRAWINGS. ALL SERVICES SHALL BE 1/2" DIA. OF PLUMBING TERMINATE 3'-0" FROM BUILDING UNLESS SHOWN OTHERWISE ON DRAWINGS. THE CONTRACTOR SHALL MAKE ALL FINAL PLUMBING SERVICE CONNECTIONS TO THE WORK SHOWN.
09. DRAINAGE PIPING SHALL SLOPE NO LESS THAN 1/4" FALL PER FOOT.
10. TURNOUT AND INSTALL HIBC ROOF DRAIN ABOVE FINISHED GRADE/CEILING.
11. SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FEATURE LOCATIONS, HEATING HEIGHTS, DIMENSIONS AND MATERIALS SPECIFICATIONS.
12. VERIFY HEIGHT ELEVATIONS AND EXACT LOCATIONS OF SERVICE TO WHICH NEW SERVICE LINES ARE TO BE CONNECTED BEFORE INSTALLATION.
13. PLUMBING CONTRACTOR SHALL INSTALL SELECTIVE WREST AT ALL CONNECTIONS OF DISSIMILAR METALS.
14. DESIGN-WATER AND SUPPLIED TO SPECIAL EQUIPMENT BY SHOP ACCORDING WITH MANUFACTURER'S RECOMMENDATIONS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALUED. INSTALL VALVE BEHIND WHERE REQUIRED BY CODE.
15. ALL WATER PIPING INSTALLED IN EXTERIOR WALL SHALL BE PLACED ON THE INTERIOR SIDE OF THE WALL. THE WALL INSTALLATION SHALL BE PLACED ON THE EXTERIOR SIDE OF THE WALL.
16. DO NOT PENETRATE WALL PERMITTED WITH PIPING WHERE ABSOLUTELY NECESSARY. COORDINATE WITH ARCHITECT. COORDINATE WITH OTHER TRADES PRIOR TO INSTALLATION.
17. AFTER SETTING LATHWORK, CAREFULLY CALL THE JOINT BETWEEN FEATURE AND WALL WITH TUB-CLAY.
18. ALL COLD WATER PIPING SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER. ALL COLD WATER PIPING SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER. ALL COLD WATER PIPING SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER. ALL COLD WATER PIPING SHALL BE TYPE "A" OR "B" AS SPECIFIED BY MANUFACTURER.
19. ALL UNDERGROUND WATER PIPING SHALL HAVE TWO (2) FEET OF BURIED TRENCH.
20. ALL UNDERGROUND WATER PIPING SHALL BE 1/2" DIA. OF BURIED TRENCH.
21. ALL UNDERGROUND WATER PIPING SHALL BE 1/2" DIA. OF BURIED TRENCH.
22. INSTALL ENCLOSURES AT ALL EXPOSED WALL AND CEILING PIPE PENETRATIONS.
23. INSTALL ALL ELEMENTS AS SHOWN UNLESS AS NOTED BY CODE.
24. TESTING SHALL BE AS FOLLOWS:
 PRESSURE TEST: ALL WATER PIPING SHALL BE TESTED TO 150 PSI FOR 15 MINUTES.
 LEAKAGE TEST: ALL WATER PIPING SHALL BE TESTED TO 150 PSI FOR 15 MINUTES.
 HYDRAULIC TEST: ALL WATER PIPING SHALL BE TESTED TO 150 PSI FOR 15 MINUTES.
 AIR TEST: ALL WATER PIPING SHALL BE TESTED TO 150 PSI FOR 15 MINUTES.



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

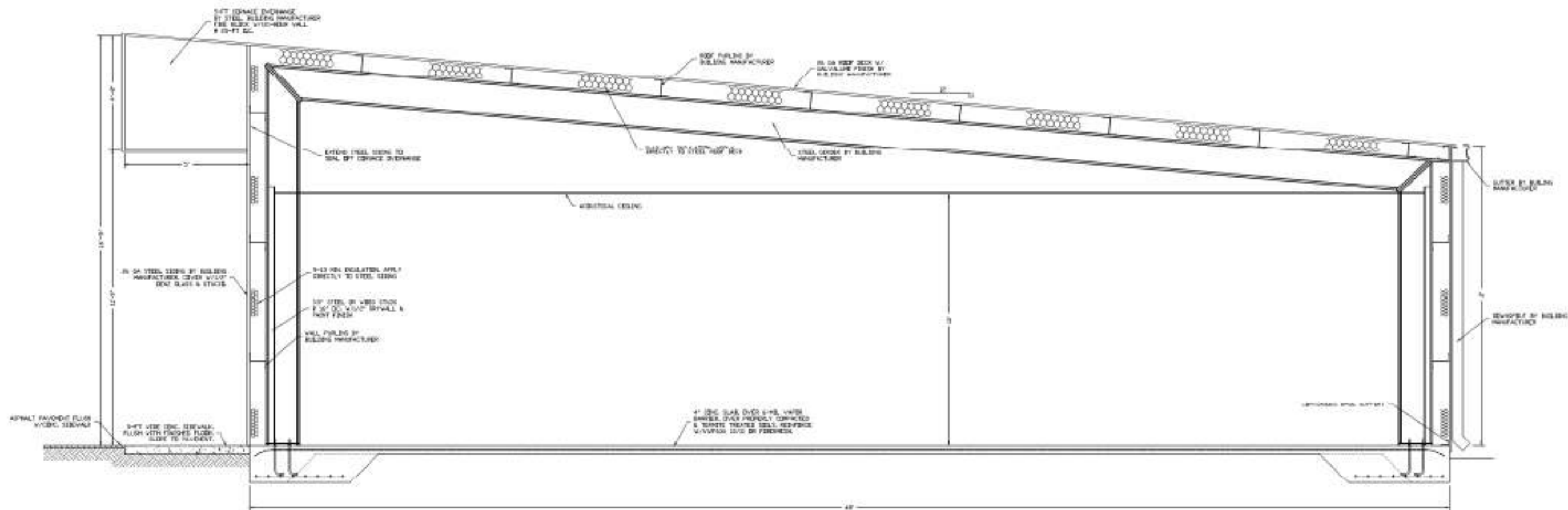


TYPICAL PLUMBING ISOMETRIC

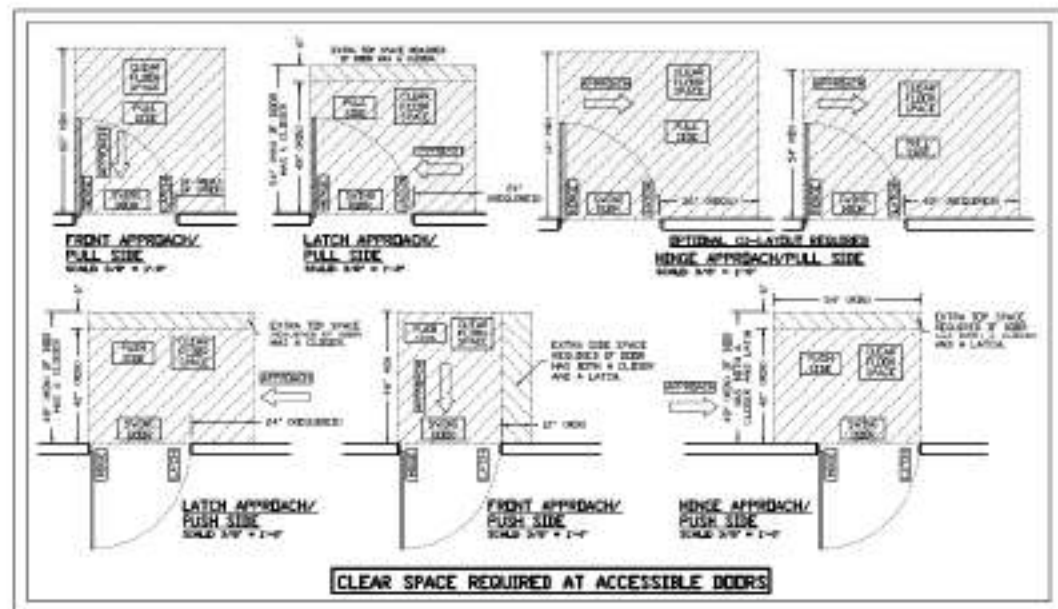


Daniel F. Ardito, P.E.
Florida P.E. 35054

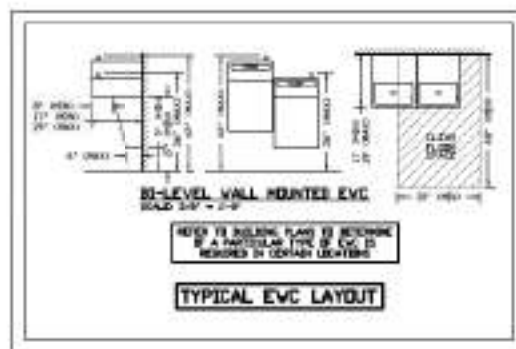
SHEET 5 OF 7	PLUMBING PLAN GAS STATION BEVERLY HILLS, FL	DATE: 5/26/27 DRAWN BY: DA CHECKED BY: DA PROJECT NO.: P.E. NO.:
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H
6 BUILDING SECTION
SCALE 1/4" = 1'-0"



CLEAR SPACE REQUIRED AT ACCESSIBLE DOORS



TYPICAL EVC LAYOUT



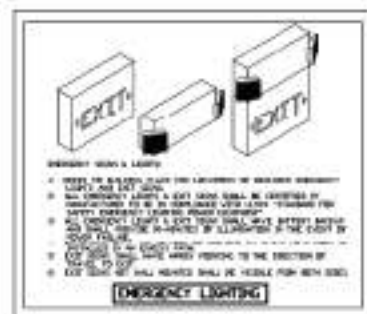
ASH FACETS



ADA BEEP HARDWARE



ACCEPTABLE ADA COMPLIANT TOILETS



EMERGENCY LIGHTING

DATE: _____
DRAWN BY: _____
CHECKED BY: _____
PROJECT NO.: _____

DATE: 5/26/17
DRAWN BY: DANIEL F. ARDITO
CHECKED BY: _____
PROJECT NO.: _____

Daniel F. Ardito, P.E.
Professional Engineer
FLORIDA REG. NO. 12414
LICENSURE EXPIRES 12/31/2020

TITLE: **SECTIONS/DETAILS**

GAS STATION
BEVERLY HILLS, FL

SHEET **6**
OF 7

