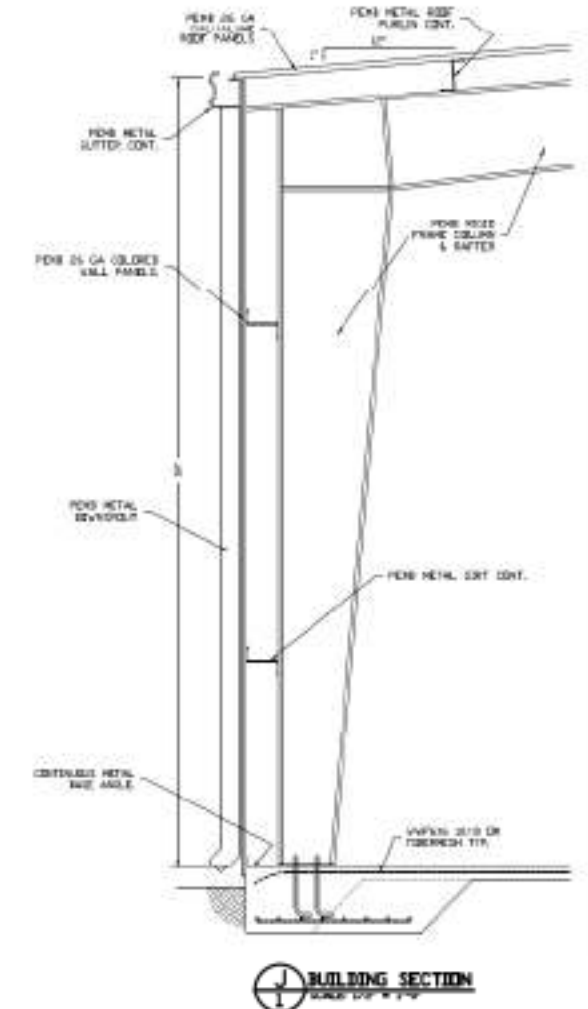
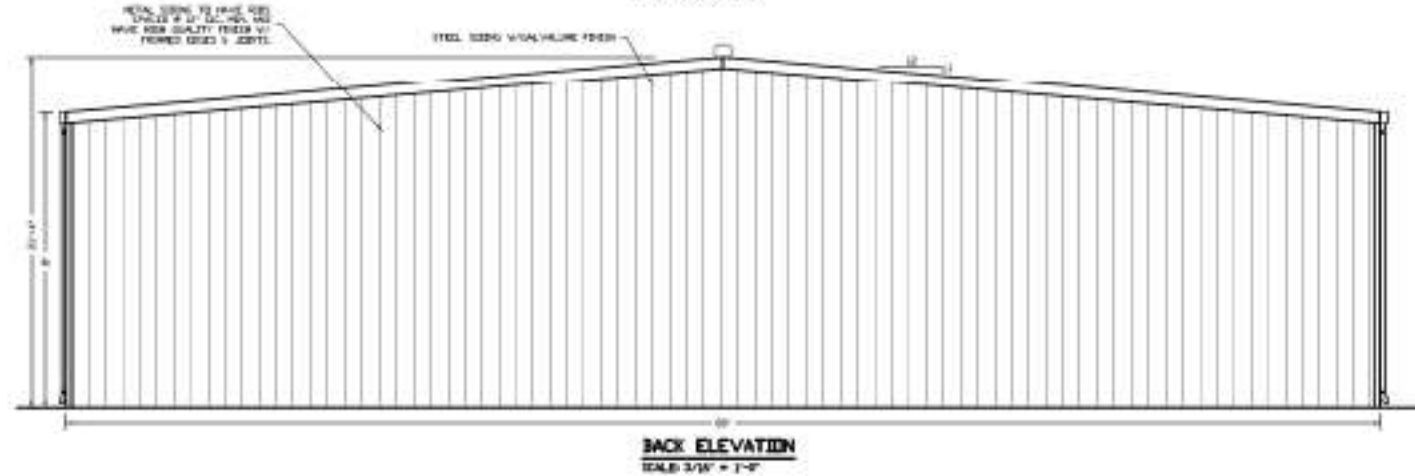
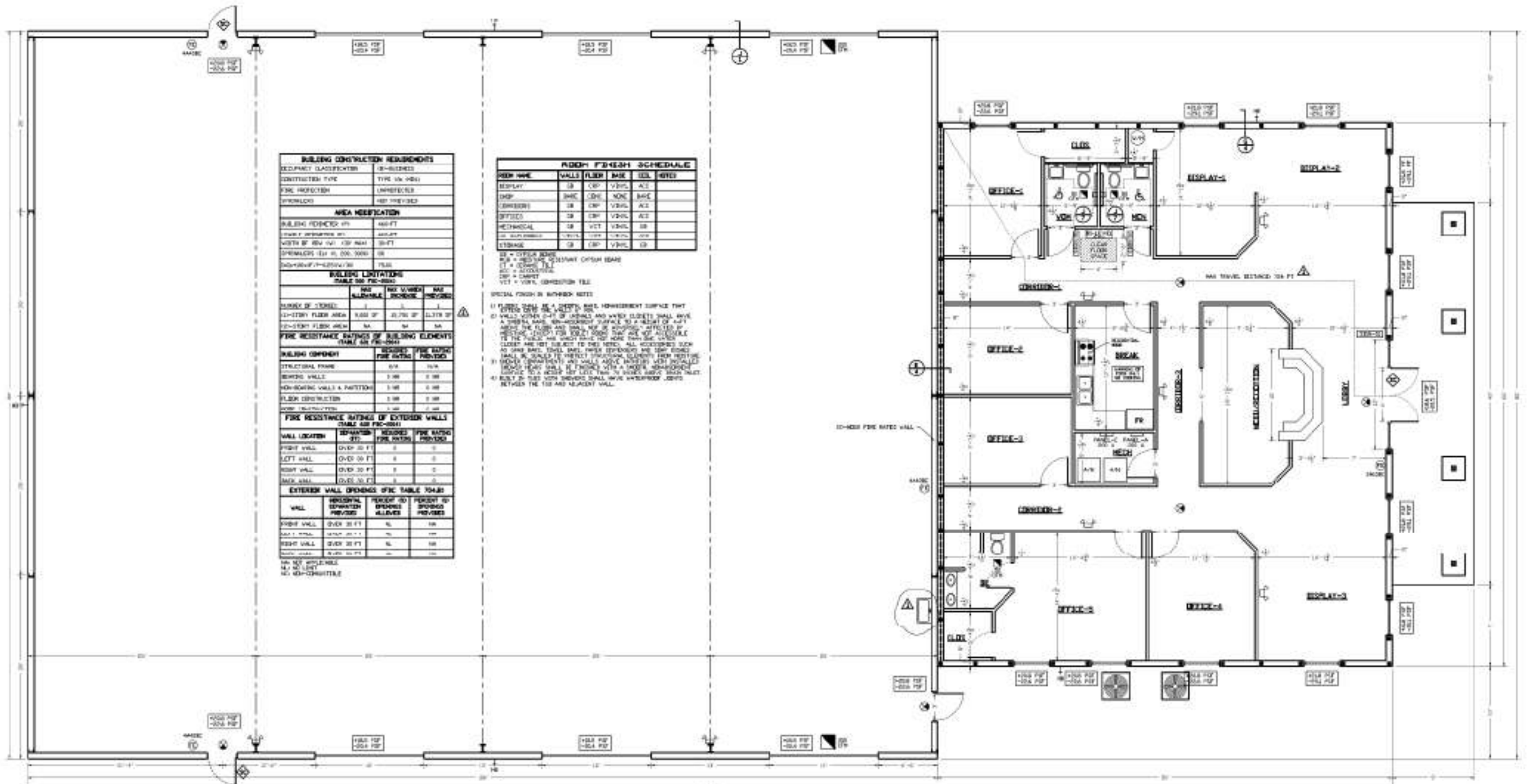


SMALL BOX DIMENSION CHECK LIST (CITRUS COUNTY LIC #661)	
A	CONCRETE 1. 4\"/>
B	CONCRETE 1. 4\"/>
C	CONCRETE 1. 4\"/>
D	CONCRETE 1. 4\"/>
E	CONCRETE 1. 4\"/>
F	CONCRETE 1. 4\"/>
G	CONCRETE 1. 4\"/>
H	CONCRETE 1. 4\"/>
I	CONCRETE 1. 4\"/>
J	CONCRETE 1. 4\"/>
K	CONCRETE 1. 4\"/>
L	CONCRETE 1. 4\"/>



DATE: 07/07	DESIGN: DA	CHECK: DA	SCALE: 1/8\"/>
DRAWN BY: DANIEL F. ARDITO	PROJECT NO.: 08-001	P.E. NO.: 05834	FL. P.E. NO.: 05834
TITLE: ELEVATIONS			
SHEET 1 OF 8			
NEW OFFICE BUILDING CITRUS COUNTY, FL			



BUILDING CONSTRUCTION REQUIREMENTS

CONTRACT TYPE	TYPE ON DRAW
FIRE PROTECTION	IMPERFECT
SPRINKLER	NOT PROVIDED

AREA INFORMATION

BUILDING FOOTPRINT (SF)	440-SF
COVERED AREA (SF)	440-SF
WIDTH OF NEW WALL (3/8" MAX)	30'-0"
SPREADERS (24" X 200' 2000)	08
CONCRETE (CY)	75.00

BUILDING LIMITATIONS

NO. BALCONIES	NO. VESTIBULES	NO. STAIRS
0	0	0

FIRE RESISTANCE RATINGS OF BUILDING ELEMENTS

BUILDING COMPONENT	REQUIRED FIRE RATING	PROVIDED
STRUCTURAL FRAME	0-1H	0-1H
ROOFING WALLS	1-1H	0-1H
NON-RATING WALLS & PARTITIONS	1-1H	0-1H
FLOOR CONSTRUCTION	1-1H	0-1H
WALL CONSTRUCTION	1-1H	0-1H

FIRE RESISTANCE RATINGS OF EXTERIOR WALLS

WALL LOCATION	SEPARATION BY	REQUIRED FIRE RATING	PROVIDED
FRONT WALL	OVER 30 FT	0	0
LEFT WALL	OVER 30 FT	0	0
RIGHT WALL	OVER 30 FT	0	0
BACK WALL	OVER 30 FT	0	0

EXTERIOR WALL OPENINGS (SEE TABLE 704.2)

WALL	MINIMUM SEPARATION PROVIDED	PERCENT OF OPENINGS ALLOWED	PERCENT OF OPENINGS PROVIDED
FRONT WALL	OVER 30 FT	0	0
LEFT WALL	OVER 30 FT	0	0
RIGHT WALL	OVER 30 FT	0	0
BACK WALL	OVER 30 FT	0	0

ROOM FRESH AIR SCHEDULE

ROOM NAME	WALLS	FLOOR	BASE	CEIL	NOTES
RECEPTION	0-1H	0-1H	0-1H	0-1H	AC-1
OFFICE	0-1H	0-1H	0-1H	0-1H	AC-1
CONFERENCE	0-1H	0-1H	0-1H	0-1H	AC-1
RESTROOM	0-1H	0-1H	0-1H	0-1H	AC-1
MECHANICAL	0-1H	0-1H	0-1H	0-1H	AC-1
STORAGE	0-1H	0-1H	0-1H	0-1H	AC-1

0-1H = OTHER ROOM
 0-1H = MECHANICAL ROOM OTHER ROOM
 0-1H = OTHER ROOM
 0-1H = OTHER ROOM
 0-1H = OTHER ROOM
 0-1H = OTHER ROOM

SPECIAL NOTES IN BATHROOM NOTES:

1) FLOOR SHALL BE A SMOOTH, HARD, IMPERMEABLE SURFACE THAT EXTENDS OVER THE WALLS 6" MIN.

2) WALLS WITHIN 6" OF UNITS AND WAXED CLOSETS SHALL HAVE A SMOOTH, HARD, IMPERMEABLE SURFACE TO A HEIGHT OF 4'-0" ABOVE THE FLOOR AND SHALL BE PROTECTED BY A SCHEDULE 40 (100) PIPE (2" DIA) WITH AN 1/2" THICKNESS TO THE FLOOR AND SHALL HAVE NOT MORE THAN ONE (1) CLOSURE ARE NOT SUBJECT TO THIS NOTE. ALL ACCESSORIES SUCH AS SHAVING MIRRORS, TOILET BRUSHES, AND TOILET SEATERS SHALL BE INSTALLED TO PROTECT FINISHES FROM DAMAGE.

3) WAXED CLOSETS AND WALLS ABOVE INSTALLED WAXED CLOSETS SHALL BE FINISHED WITH A SMOOTH, IMPERMEABLE SURFACE TO A HEIGHT OF 4'-0" ABOVE THE FLOOR.

4) BUILT-IN TUBS WITH SHEDDERS SHALL HAVE WATERPROOF JOINTS BETWEEN THE TUB AND ADJACENT WALL.

OCCUPANT LOAD CALCS

ROOM	NET AREA	OCCUP. LOAD	FRESH AIR
OFFICE AREA	2895 SF	2895 / 130 = 22.3	820 CFM
WAREHOUSE	1500 SF	1500 / 200 = 7.5	430 CFM
TOTALS	4395 SF	45 OCCUPANTS	1250 CFM

NOTE: FRESH AIR FROM EXHAUSTED FROM THIS OFFICE BUILDING IS QUALITY AIR AND MAY BE USED TO SUPPLEMENT OCCUPANT LOAD PER FRC-609. ALSO, RE-14 ALLOWING 10% TO BE USED.

- LIFE SAFETY / FIRE PREVENTION NOTES:**
- 1) ALL EXIT SIGNS TO BE ILLUMINATED WITH BATTERY BACK UP.
 - 2) EMERGENCY LIGHTING TO HAVE BATTERY BACKUP.
 - 3) SIGNAGE IS TO BE VISIBLE AND MUST BE VISIBLE FROM THE ROADWAY WITH 6" NUMBERS ON CONTRASTING BACKGROUND.
 - 4) ALL FIRE EXTINGUISHERS SHALL BE INSPECTED PER YEAR.
 - 5) A FIRE EXTINGUISHER IS REQUIRED WITHIN 300-FT CLEARANCE DISTANCE OF THE BUILDING IF CENTRAL, WHEN IT IS AVAILABLE WITHIN 300-FT.

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

DESIGN CRITERIA

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-2004 REQUIREMENTS.

WIND SPEED	118 MPH (3-SEC GUST)
IMPORTANCE FACTOR	1.00
WIND EXPOSURE	B
FLOOR LIVE LOAD	100 PSF
ROOF LIVE LOAD	20 PSF
INTERNAL PRESSURE COEFF	0.18

HVAC SYSTEM DESIGN NOTES:

- HVAC SYSTEM SHALL BE DESIGNED/APPROVED BY ENGINEER LICENSED BY STATE OF FLORIDA PER FRC-609.3(2). FRC-609.3(4) & FLORIDA STATUTES 410.03. OCCUPANT LOAD EXCEEDS 100.
- HVAC DESIGN SHALL SUPPLY THE FRESH AIR AS SHOWN ON OCCUPANT LOAD TABLE THIS SHEET. SEE NOTES 1 & 2 BELOW THIS TABLE.
- SMOKE DETECTOR SHALL BE INSTALLED IN RETURN DUCT IF AIR FLOW EQUALS OR EXCEEDS 2,000 CFM.
- ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL PROVIDE FIRE BARRIERS AS FOLLOWS:
 - 0-1H-1H FIRE RATED ASSEMBLY 0-1H-1H DAMPER
 - 0-1H-1H FIRE RATED ASSEMBLY 0-1H-1H DAMPER
 - 0-1H-1H FIRE RATED ASSEMBLY 0-1H-1H DAMPER

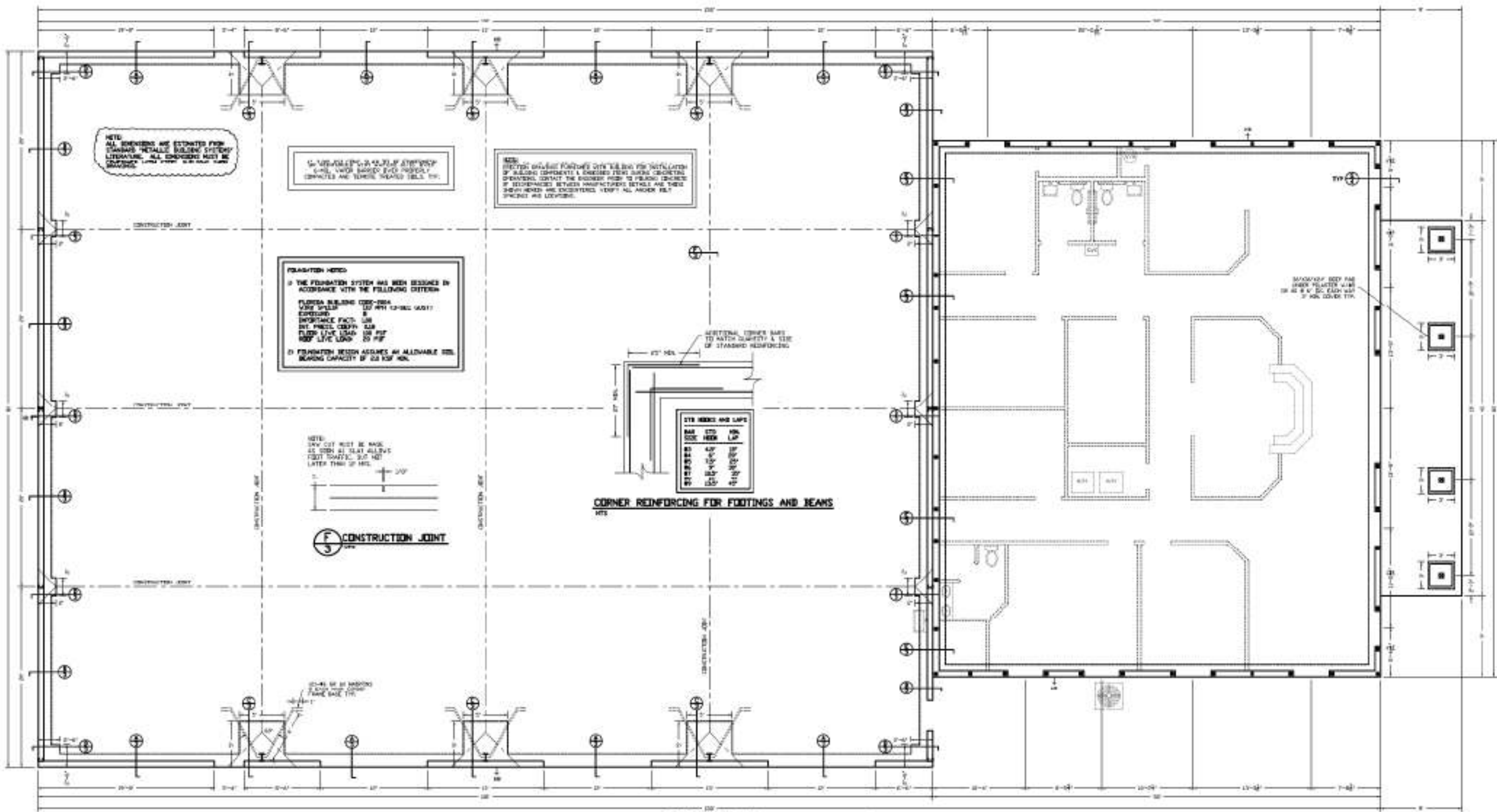
TYPICAL ADA SIGNAGE

DESIGNER NOTES:

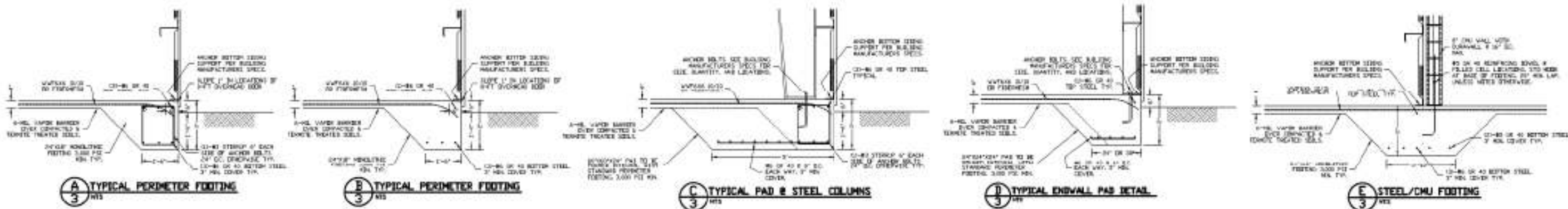
- DOORWAY SHALL BE HEATED IF AT 6" OF ADJACENT WALL ON EITHER SIDE OF DOOR. IN LATCH AREA AND TO WALL SHALL PLACE SIGNAGE ON ADJACENT WALL. SIGNAGE SHALL BE 48" X 48" X 1/8" ALUMINUM OR EQUIVALENT WITH 1/8" THICKNESS WITHIN 30" OF DOOR.
- LETTERS AND NUMBERS SHALL BE 18" HIGH AND BE CONTRASTING TO BACKGROUND. LETTERS SHALL BE 1/8" THICK. LETTERS SHALL BE 1/8" THICK. LETTERS SHALL BE 1/8" THICK.
- DOOR FOR DOORWAY SHALL BE 32" MIN. WIDE.
- UNLATCHED AND LOCKING SHALL BE EASY TO USE. UNLATCH AND LOCKING SHALL BE EASY TO USE. UNLATCH AND LOCKING SHALL BE EASY TO USE.

DESCRIPTION OF RE-14 (1/17/2007)

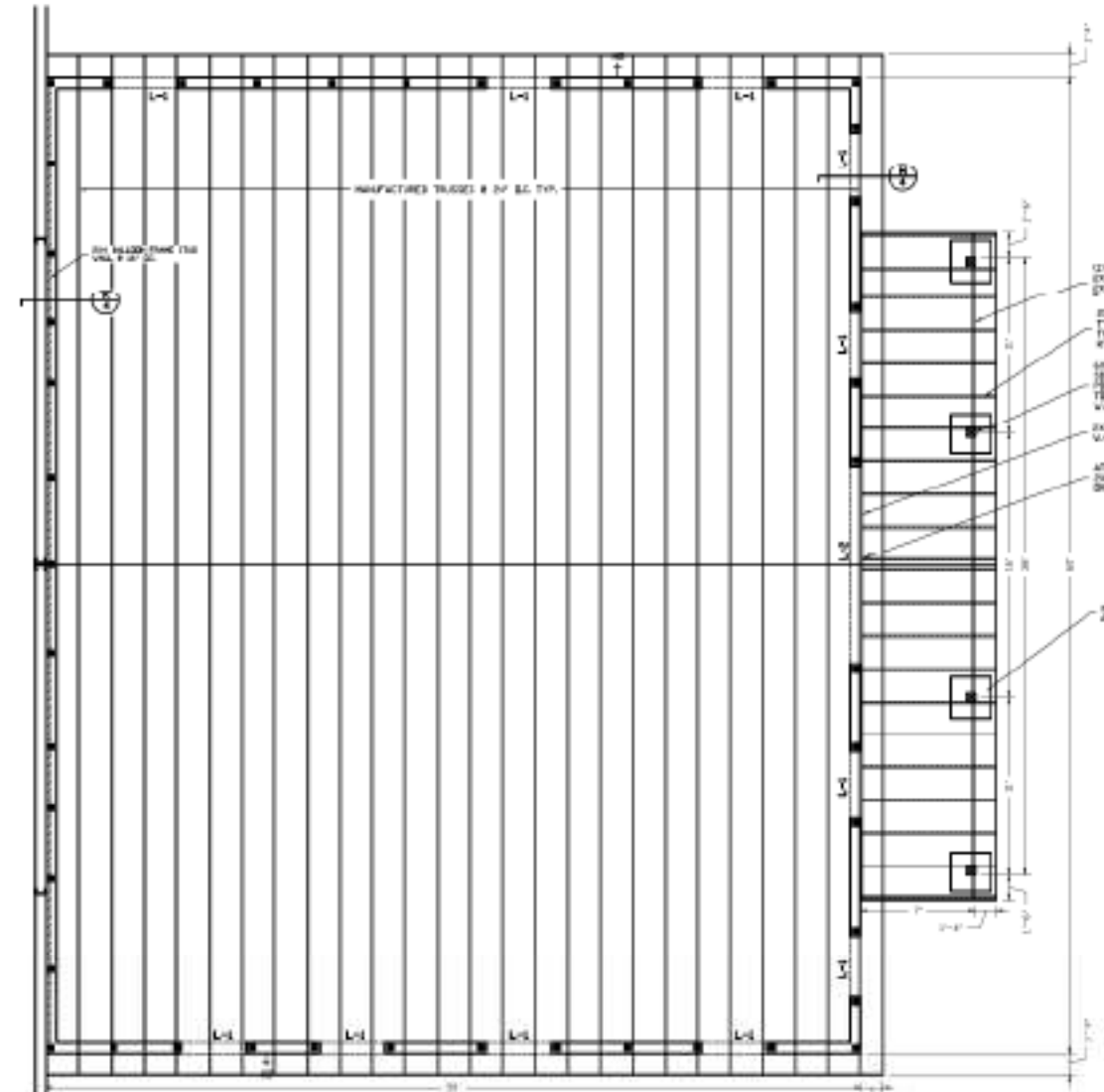
- 1) RE-14 SERVICE TO UNIMPROVED AREA.
- 2) REMOVE (2) DOORS FROM 2ND TO OFFICE.
- 3) CHANGE (2) HOUR FIRE WALL FROM 2ND TO OFFICE TO 1 HOUR FIRE WALL.
- 4) PROVIDE (2) HOUR FIRE WALL FROM 2ND TO OFFICE TO 1 HOUR FIRE WALL.
- 5) PROVIDE ALL PLANS TO REFLECT ABOVE CHANGES.
- 6) ALL WORK SUBJECT TO APPROVAL AND MUST BE DONE AS SHOWN.



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



Donald F. Ardito, P.E.
 Florida P.E. 00054



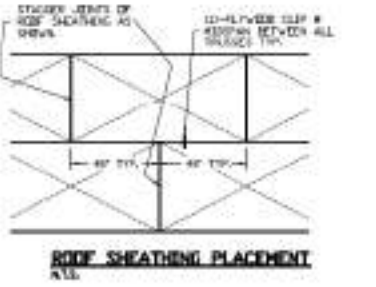
ROOF FRAMING PLAN
SCALE 3/8" = 1'-0"

COMPONENT AND CLADDING PRESSURE ZONES
ZONE DESIGNATED BY: ROOF ZONES 1 TO 5

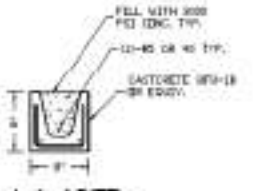
AREA	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
10-12	10-12	10-12	10-12	10-12	10-12
10-13	10-13	10-13	10-13	10-13	10-13
10-14	10-14	10-14	10-14	10-14	10-14
10-15	10-15	10-15	10-15	10-15	10-15
10-16	10-16	10-16	10-16	10-16	10-16
10-17	10-17	10-17	10-17	10-17	10-17
10-18	10-18	10-18	10-18	10-18	10-18
10-19	10-19	10-19	10-19	10-19	10-19
10-20	10-20	10-20	10-20	10-20	10-20
10-21	10-21	10-21	10-21	10-21	10-21
10-22	10-22	10-22	10-22	10-22	10-22
10-23	10-23	10-23	10-23	10-23	10-23
10-24	10-24	10-24	10-24	10-24	10-24
10-25	10-25	10-25	10-25	10-25	10-25
10-26	10-26	10-26	10-26	10-26	10-26
10-27	10-27	10-27	10-27	10-27	10-27
10-28	10-28	10-28	10-28	10-28	10-28
10-29	10-29	10-29	10-29	10-29	10-29
10-30	10-30	10-30	10-30	10-30	10-30
10-31	10-31	10-31	10-31	10-31	10-31
10-32	10-32	10-32	10-32	10-32	10-32
10-33	10-33	10-33	10-33	10-33	10-33
10-34	10-34	10-34	10-34	10-34	10-34
10-35	10-35	10-35	10-35	10-35	10-35
10-36	10-36	10-36	10-36	10-36	10-36
10-37	10-37	10-37	10-37	10-37	10-37
10-38	10-38	10-38	10-38	10-38	10-38
10-39	10-39	10-39	10-39	10-39	10-39
10-40	10-40	10-40	10-40	10-40	10-40
10-41	10-41	10-41	10-41	10-41	10-41
10-42	10-42	10-42	10-42	10-42	10-42
10-43	10-43	10-43	10-43	10-43	10-43
10-44	10-44	10-44	10-44	10-44	10-44
10-45	10-45	10-45	10-45	10-45	10-45
10-46	10-46	10-46	10-46	10-46	10-46
10-47	10-47	10-47	10-47	10-47	10-47
10-48	10-48	10-48	10-48	10-48	10-48
10-49	10-49	10-49	10-49	10-49	10-49
10-50	10-50	10-50	10-50	10-50	10-50

THE ROOF FRAMING PLAN IS A GUIDELINE FOR TRUSS MANUFACTURERS TO DETERMINE THE EXACT GIRDERS & TRUSS PLACEMENT. MANUFACTURERS SHALL BE RESPONSIBLE FOR TRUSS MANUFACTURING NOT CHANGES THAT EFFECT STRAPPING, TIE-IN CELL LOCATIONS, OR OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE OWNER'S REPRESENTATIVE TO NOTIFY THE MANUFACTURER.

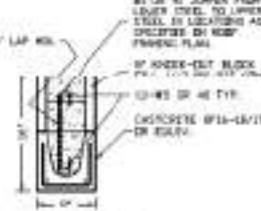
TRUSS CONNECTIONS (ON-SITE) SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL. ALL TRUSS TO GIRDERS CONNECTIONS TO BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL. ALL TRUSS TO TRUSS CONNECTIONS TO BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL.



ROOF SHEATHING PLACEMENT
SCALE 1" = 1'-0"



L-1 LINTEL
SCALE 1" = 1'-0"



L-2 LINTEL
SCALE 1" = 1'-0"

ROOF SHEATHING NAILING SCHEDULE

ZONE	EDGES	FIELD
1	16d	12d
2	16d	12d
3	16d	12d
4	16d	12d
5	16d	12d

** ROOF SHEATHING TO BE 1/2" OSB OR ALL NAILS TO BE 10d

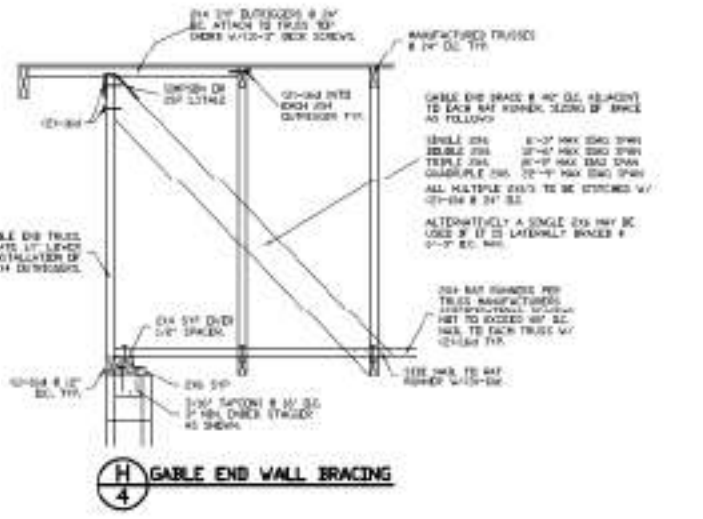
TYPICAL WINDOW ANCHORS WINDOW AND DOOR BUCK STRIP ANCHORS

- BUCK STRIPS ARE TO BE CONTINUOUS 1" PICE MEMBERS ON THE TOP AND SIDES OF OPENING WITH 5/8" PRESSURE TREATED LUMBER.
- WHEN BUCK THICKNESS IS LESS THAN 1 1/2" THE WINDOW/DOOR SHALL BE ATTACHED DIRECTLY TO CONCRETE THROUGH THE WALL FRAMING BY 3/4" ANCHOR CLIP OR EQUIVALENT SYSTEM IN ACCORDANCE WITH MANUFACTURER PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE 6" LONG MINIMUM TO BE 1/2" DIA. OR EQUIVALENT.
- WHEN THE BUCK THICKNESS IS 1 1/2" OR GREATER THE BUCK SHALL BE SECURELY FASTENED TO TRANSFER LOAD TO THE CONCRETE THROUGH 40 LB/FT MINIMUM.
- ANCHOR BUCKS TO MASONRY WITH 1/2" DIA. ANCHORS SHALL BE INSTALLED AT SPACING INDICATED BELOW ON THE SIDE OF MASONRY WITH REGULAR OPENING.
- INSTALL TYPICAL ANCHORS PER MANUFACTURER'S GUIDELINES. TOP OF ANCHORS TO BE 2" FROM TOP OF CONCRETE FINISH.
- ANCHOR SPACING IS FOR WINDOW OR DOOR BUCKS (STEP) AT THE TOP AND SIDES OF OPENING. THE BUCKS TO BE 1/2" DIA. AND 6" LONG MINIMUM. ALL ANCHORS TO BE 1/2" DIA. AND 6" LONG MINIMUM. ALL ANCHORS TO BE 1/2" DIA. AND 6" LONG MINIMUM.
- MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE USED AS INDICATED.

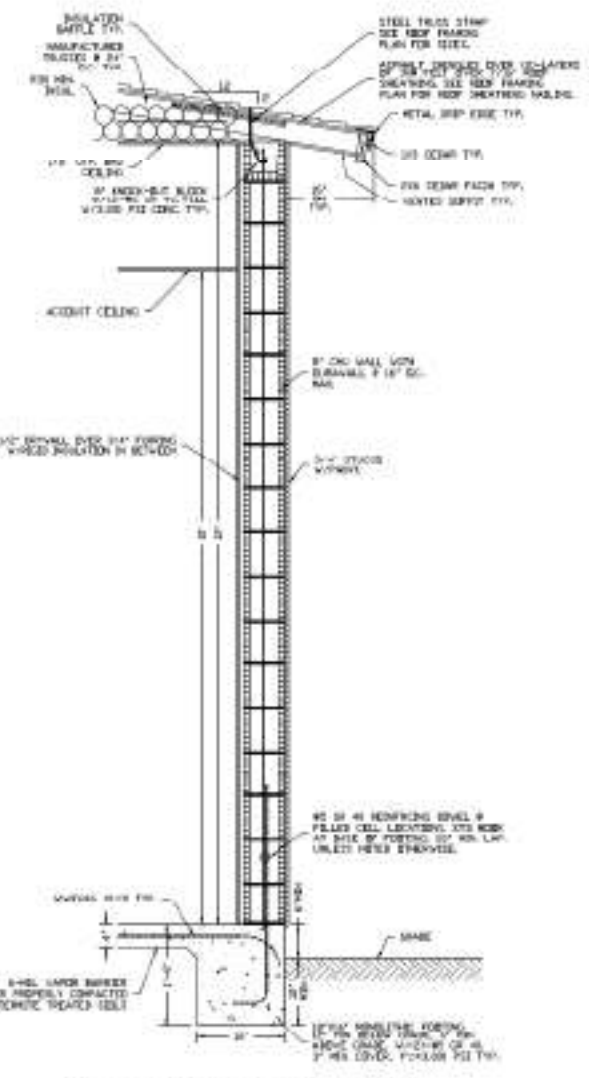
MAXIMUM SPACING	MAXIMUM SPACING AT TOP	TYPICAL ANCHOR SIZE
1'-0"	1'-0"	3/4" DIA.
1'-6"	1'-6"	1" DIA.
2'-0"	2'-0"	1 1/4" DIA.

WINDOW AND DOOR FASTENING (FBC-5004 NOTES)

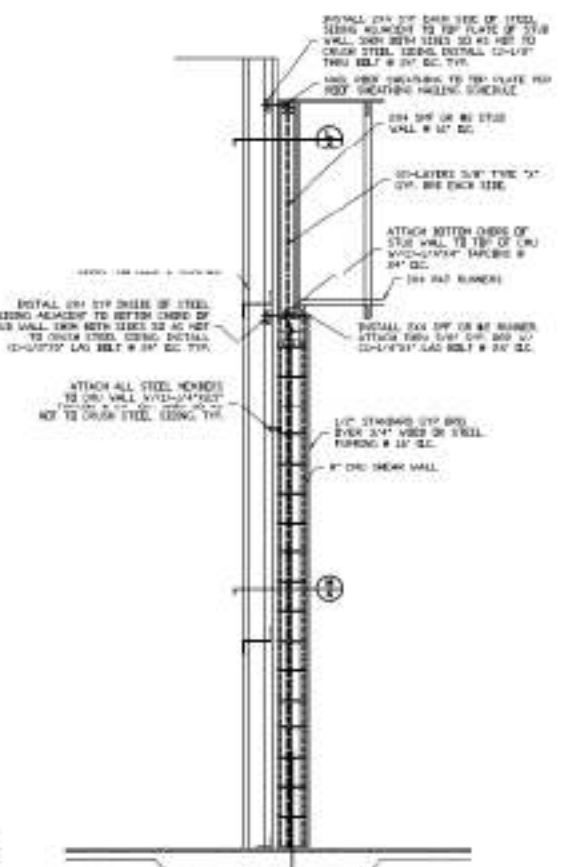
- ALL WINDOW/DOOR FASTENING SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL WINDOW/DOOR FASTENING SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- WINDOW AND DOOR FASTENING TO BUCK STRIPS LESS THAN 1 1/2" SHALL BE ANCHORED THROUGH THE JOINT TO THE STRUCTURAL MEMBER TO WHICH THE BUCK STRIP IS ATTACHED.
- WINDOW AND DOOR FASTENING TO BUCK STRIPS SHALL BE ANCHORED THROUGH THE JOINT TO THE STRUCTURAL MEMBER TO WHICH THE BUCK STRIP IS ATTACHED.



H GABLE END WALL BRACING
SCALE 3/8" = 1'-0"



G TYP. PERIMETER WALL SECTION
SCALE 3/8" = 1'-0"



K STEEL/CMU WALL DETAIL
SCALE 3/8" = 1'-0"

FIRE RATING 120-MIN
THIS ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



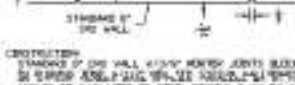
L FIRE RATED ASSEMBLY
SCALE 3/8" = 1'-0"

FIRE RATING 120-MIN
THIS ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



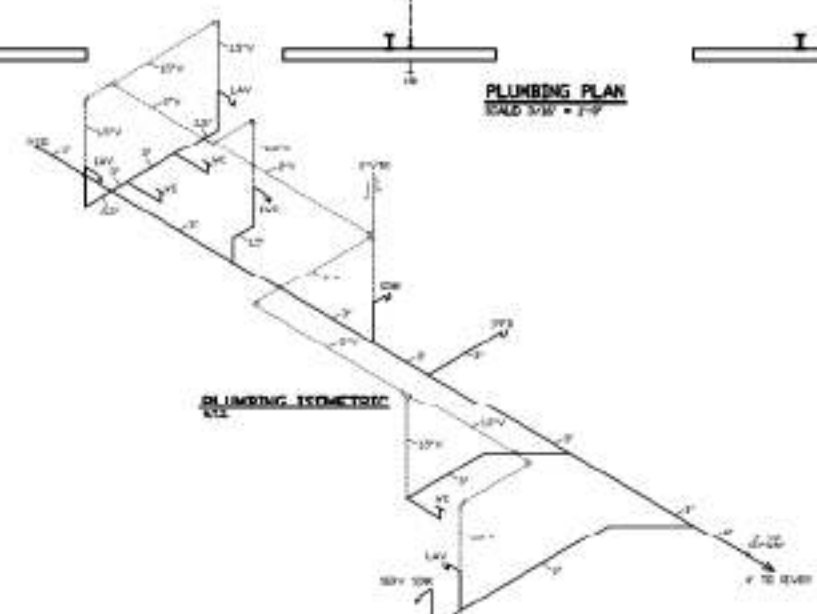
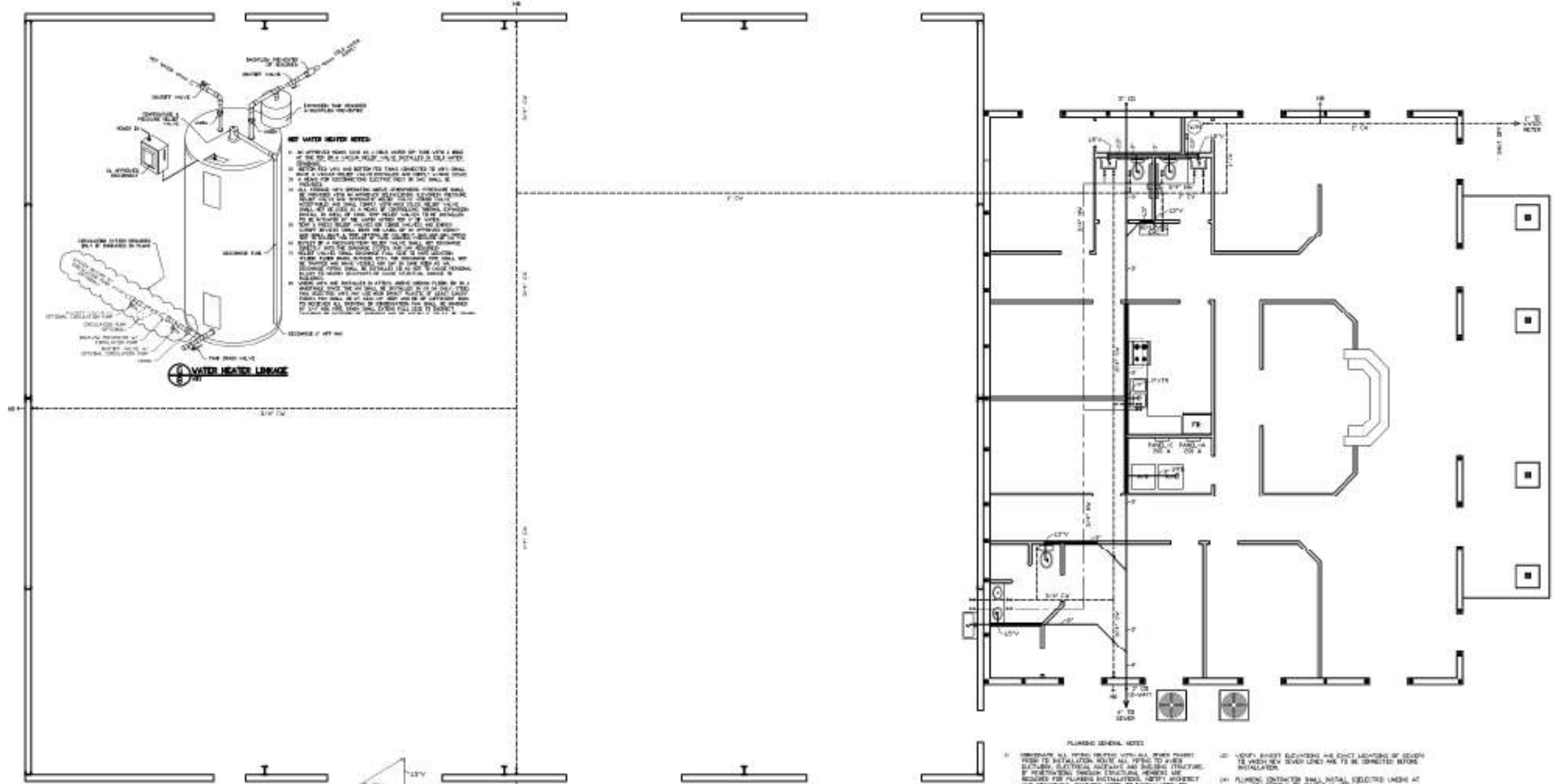
M FIRE RATED ASSEMBLY
SCALE 3/8" = 1'-0"

FIRE RATING 120-MIN
THIS ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



N FIRE RATED ASSEMBLY
SCALE 3/8" = 1'-0"

FIRE RATING 120-MIN
THIS ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



PLUMBING PLAN
SCALE 3/8" = 1'-0"

PLUMBING ISOMETRIC
SCALE 1/8" = 1'-0"

- PLUMBING GENERAL NOTES**
1. VERIFY ALL PIPING DETAILS WITH ALL TRADE PARTS PRIOR TO INSTALLATION. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 2. VERIFY ALL PIPING ABOVE CEILING WITH WALLS OR IN CEILING EXCEPT AS SPECIFICALLY NOTED.
 3. SLOPE AND FLOOR STOP ALL PENETRATIONS OF RATED WALLS, CEILING, FLOOR, ETC. IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. SEE ARCHITECTURAL DRAWINGS FOR EXITS WALLS AND FLOORS.
 4. PIPE SIZING SHALL BE DETERMINED AND IS DEPENDENT UPON FLOW RATE, HEAD, AND OTHER FACTORS. CONSULT WITH THE PLUMBING CONTRACTOR FOR PIPE SIZING. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 5. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND APPLICABLE STANDARDS, REGULATIONS AND ORDINANCES. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 6. PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CEILING OR ABOVE UNACCESSIBLE CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
 7. INITIAL WATER BARRIER SHALL BE INSTALLED AT EACH PENETRATION THROUGH THE WATER BARRIER. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 8. PIPE SIZING SHALL BE PROVIDED ON THIS SITE. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 9. CHANGE PIPING SHALL HAVE A MINIMUM 1/4" FALL FOR DRAINAGE.
 10. FINISH AND INITIAL WORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND APPLICABLE STANDARDS, REGULATIONS AND ORDINANCES. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 11. SEE ARCHITECTURAL DRAWINGS FOR EXACT FINISHED FLOOR FINISHES, HANGING HEIGHTS, DIMENSIONS, AND INDICATED REQUIREMENTS.
 12. VERIFY SHIELD BENCHING AND EXIST LOCATIONS OF EXISTING PIPING. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 13. PLUMBING CONTRACTOR SHALL VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 14. ROOM-IN-WALLS ARE SUPPLIED TO SPECIAL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND ALL CODES. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 15. THE 1/2" DIA. (1/2") EQUIPMENT CONNECTION SHALL BE PLACED ON THE EXTERIOR SIDE OF THE WALL. THE WALL PENETRATION SHALL BE PLACED ON THE INTERIOR SIDE OF THE ROOM.
 16. DO NOT PENETRATE WALL PENETRATIONS WITH PIPING UNLESS SPECIFICALLY NOTED. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 17. AFTER SETTING (WATER) INITIAL CHECK THE JOINT BETWEEN EXISTING AND NEW PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 18. THE WALL PENETRATION SHALL BE 1/2" DIA. (1/2") EQUIPMENT CONNECTION SHALL BE PLACED ON THE EXTERIOR SIDE OF THE WALL. THE WALL PENETRATION SHALL BE PLACED ON THE INTERIOR SIDE OF THE ROOM.
 19. ALL UNDRAGN WATER PIPING SHALL HAVE TWO (2) INCHES OF INSULATION.
 20. ALL SWEATING, WELD, WASTE, VENTS AND DRAINAGE LINES SHALL BE WELDED TO THE (1/2" DIA.) (1/2") EQUIPMENT CONNECTION.
 21. SPECIAL EQUIPMENT AT ALL EXITS WALL AND CEILING SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND APPLICABLE STANDARDS, REGULATIONS AND ORDINANCES. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 22. TESTING SHALL BE AS FOLLOWS:
 SWEATING LINES: TEST UNDER WATER AND AIR LEAK TESTS. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.
 INITIAL WATER PIPING: TEST UNDER WATER AND AIR LEAK TESTS. VERIFY ALL PIPING TO AVOID ELECTRICAL, MECHANICAL, AND STRUCTURAL INTERFERENCE.

SHEET 6 OF 8	TITLE NEW OFFICE BUILDING CITRUS COUNTY, FL	PLUMBING PLAN	Daniel F. Ardito, P.E. Professional Engineer 1001 E. PLAZA ST. LEWISTON, FL 32440 (904) 382-1111	DATE: 07/07 DRAWN BY: DA CHECKED BY: DA PROJECT NO.: 00-000 P.E. NO.: 00-000	SHEET NO.: 00-000 PROJECT NO.: 00-000
				Daniel F. Ardito, P.E. Florida P.E. 00054	

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE-2014. ALL ITEMS NOTED IN PLAN OR IN PLACE OF NOT NOTED IN PLAN. FIRE SIGNALS, ELECTRICAL, PLUMBING, ETC. TO BE INSTALLED/DESIGNED BY LICENSED PROFESSIONALS WITH ALL OF THE FOLLOWING CODES AS APPLICABLE:
 - FLORIDA BUILDING CODE-2014
 - FLORIDA MECHANICAL CODE-2014
 - FLORIDA PLUMBING CODE-2014
 - FLORIDA PFD. GAS CODE-2014
 - FLORIDA MECHANICAL CODE-2014
 - INTERNATIONAL FIREMARTIN CODE-2014
 - FLORIDA FIRE PREVENTION CODE-2014
 - INTERNATIONAL ELEVATOR CODE
 - 2014 FDOT CODE
- THOSE DRAWINGS HAVE BEEN PREPARED BY THE ASSUMED THAT ALL SYSTEMS WILL BE INSTALLED BY QUALIFIED PROFESSIONALS LICENSED BY THE STATE OF FLORIDA FOR THE TYPE OF INSTALLATION INDICATED.
- ALL WORK IS RESPONSIBLE FOR THE PROPER INSTALLATION OF THEIR PARTICULAR TRADE IN ACCORDANCE WITH FLORIDA BUILDING CODE. THESE PLANS REFLECT A GENERAL LAYOUT AND NOTION OF INSTALLATION COMPONENTS AND NOT THE EXACT POSITION, LOCATION AND NOTION OF INSTALLATION COMPONENTS AND NOT THE EXACT POSITION, LOCATION AND NOTION OF INSTALLATION COMPONENTS.
- IF ANY ELECTRICAL, PLUMBING, AIR-CONDITIONING, OR MECHANICAL CONTRACTOR WOULD LIKE TO MAKE ANY CHANGES TO THE WORK SHOWN ON THESE PLANS, THEY MUST OBTAIN THE APPROVAL OF THE DESIGNER BEFORE PROCEEDING. ANY CHANGES MUST BE SUBMITTED TO THE DESIGNER FOR APPROVAL. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.

CONSTRUCTION

- USE PROPERLY REINFORCED CONCRETE, BRICK, UNREINFORCED, ETC. AS REQUIRED BY CODES. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE PROVISIONS AND REQUIREMENTS TO BE USED IN THE DESIGN AND CONSTRUCTION OF ALL STRUCTURAL PARTS DURING CONSTRUCTION.
- NO FIELD REINFORCING OR ANY STRUCTURAL COMPONENTS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE DESIGNER. THIS INCLUDES BUT IS NOT LIMITED TO REVISIONS TO THE DESIGNER'S NOTES, OR ANY OTHER CONSTRUCTION DETAILS.
- SHALL ALL UNLESS NOTED OTHERWISE, THE REINFORCEMENT SHALL BE PLACED AS SHOWN ON THE DRAWINGS. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.
- PROVIDE SUFFICIENT LAYOUTS FOR ALL PIPES AND ELECTRICAL PENETRATIONS THROUGH STRUCTURAL MEMBERS. ALL LAYOUTS ARE TO BE SUBMITTED TO THE DESIGNER FOR APPROVAL PRIOR TO CONSTRUCTION.
- CONCRETE, BRICK AND OTHER MATERIALS SHALL BE USED IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS FOR EACH MATERIAL. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.

SHOP DRAWINGS

- ALL SHOP DRAWINGS SUBMITTED SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE PROVIDED TO THE DESIGNER 14 DAYS PRIOR TO THE START OF CONSTRUCTION. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.
- SHOP DRAWINGS SHALL BE SUBMITTED WITH A MINIMUM OF 14 DAYS IN ADVANCE FOR REVIEW BY THE DESIGNER.

FOUNDATION

- FOUNDATION DESIGN IS BASED ON THE USE OF FOUNDATION AT A PROPER SOIL PRESSURE OF 2.000 PSF PER SQUARE FOOT. THE DESIGNER IS TO BE ADVISED BY A GEOTECHNICAL ENGINEER FOR COMPATIBILITY. IF FIELD CONDITIONS DO NOT PROVIDE THIS SOIL PRESSURE, THE DESIGNER SHALL BE ADVISED IMMEDIATELY.
- SHOULD BEARING TESTS BE REQUIRED BY CONDITIONS SHOWN IN THE DRAWINGS, THE CONTRACTOR SHALL PROVIDE THE RESULTS OF THE TESTS TO THE DESIGNER. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.
- THE CONTRACTOR MUST PROVIDE SURFACE DRAINAGE AND PUMPS TO PREVENT ALL EXCESSIVE FLOODING. ALL EXCESSIVE FLOODING MUST BE REMOVED IMMEDIATELY AFTER APPROVAL OF THE DESIGNER. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.

STRUCTURAL CONCRETE

- PROVIDE CONCRETE TO MEET THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:

1. FORMWORK	3,000 PSI
2. SLAB ON GRADE OR FILL	3,000 PSI
3. BRICK WALLS	3,000 PSI
4. FLOOR SLAB	3,000 PSI
5. STRUCTURAL BEAMS OR CHG WALLS	3,000 PSI
6. STRUCTURAL BEAMS OR CHG WALLS	3,000 PSI
7. STRUCTURAL BEAMS OR CHG WALLS	3,000 PSI
- FOR GRAVEL, 1/4" AT 8" TO 2" SIZE.
- CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI-308-R-10E. (USE MINIMUM COVER REQUIREMENTS FOR REINFORCING CONCRETE) AND ACI-309 LATEST EDITION FOR CONSTRUCTION OF STRUCTURAL CONCRETE FOR BUILDINGS.)
- THE MINIMUM CONCRETE COVER SHALL BE IN ACCORDANCE WITH ACI-308-R-10E, SECTION 5.4.
- BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE PLASTED TO PREVENT ALL CORROSION.
- PROVIDE SUFFICIENT CHAIRS, BUSHES, ETC. AS REQUIRED AND NECESSARY TO ACHIEVE PLACEMENT AND SUPPORT ALL REINFORCING IN PLACE. USE WIRE BAR TYPE SUPPORTS. CONSULT WITH CODE RECOMMENDATIONS.
- ALL CONCRETE SHALL CONTAIN AN APPROVED WATER REDUCING PLASTICIZER. ANYTIME ALL CONCRETE REINFORCING EXPOSED TO THE WEATHER SHALL CONTAIN AN APPROVED NON-DYING WATERPROOFER. NO LUBRICANT OILS SHALL BE USED IN ANY CONCRETE. THE WATER SHALL BE KEPT AT THE JOB SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN AND CONSTRUCTION OF ALL FORMWORK, TRUSSING, AND BRACING. OBTAIN APPROVAL FROM DESIGNER FOR ANY FORMWORK THAT WILL NOT BE REMOVED IMMEDIATELY AFTER CONSTRUCTION OF SURFACES.
- ALL CONCRETE SHALL BE CONSOLIDATED IN PLACE USING INTERNAL VIBRATION. DO NOT USE EXTERNAL TO FORMWORK CONCRETE VIBRATOR.
- NO SLUMP TESTS SHALL BE PERMITTED FOR STRUCTURAL CONCRETE.

PRECAST LINTELS

- ALL PRECAST CONCRETE LINTELS SHALL BE CAST/TESTED BY QUALIFIED PERSONNEL. CONCRETE CASTING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS FOR PRECAST CONCRETE LINTELS. THE DESIGNER WILL NOT BE RESPONSIBLE FOR ANY CHANGES MADE TO THE WORK SHOWN ON THESE PLANS WITHOUT HIS WRITTEN APPROVAL.

REINFORCING STEEL

- ALL REINFORCING STEEL SHALL CONFORM TO STANDARDS BY ASTM A639 GRADE 40 UNLESS NOTED OTHERWISE.
- ALL WELDED HYD FERRITE SHALL CONFORM TO STANDARDS BY ASTM A639.
- ALL REINFORCING DETAILS SHALL CONFORM TO MINIMUM OF STANDARDS PRACTICES FOR CASTING REINFORCED CONCRETE STRUCTURES ACI-309 UNLESS NOTED OTHERWISE ON THE DRAWINGS.

ROOF FINISHED

- VERIFY THE SIZE, LOCATION AND CONSTANT OF ROOF OPENINGS PRIOR TO FABRICATION AND LOCATION OF ROOF FRAMES MEMBERS.

EPOXY

- EPOXY FOR ANCHORING REINFORCING BARS INTO CONCRETE SHALL BE EPOXY ANCHORING SYSTEM "SINTEC" SYSTEM OR EQUAL.

LIGHT GAUGE METAL FRAMING

- THE FRAMING SYSTEM USED SHALL CONFORM TO ALL SPECIFICATIONS FOR THE DESIGN OF THE FRAMING SYSTEM AND JOINTS.

CONCRETE MASONRY

- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND CONCRETE MASONRY MOUNTING AND SPECIFICATIONS FOR MASONRY STRUCTURES AND CONCRETE MASONRY MOUNTING.
- IMPRESSIVE STRENGTH OF THE MASONRY SHALL BE EQUAL TO OR EXCEEDS THE FOLLOWING REQUIREMENTS:
 - 1. IMPRESSIVE STRENGTH OF THE MASONRY SHALL BE EQUAL TO OR EXCEEDS THE FOLLOWING REQUIREMENTS:
 - a. IMPRESSIVE STRENGTH OF THE MASONRY SHALL BE EQUAL TO OR EXCEEDS THE FOLLOWING REQUIREMENTS:
 - 1. IMPRESSIVE STRENGTH OF THE MASONRY SHALL BE EQUAL TO OR EXCEEDS THE FOLLOWING REQUIREMENTS:

ELECTRICAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND SHALL CONFORM WITH ALL APPLICABLE LOCAL CODES.
- ALL CONDUITS SHALL BE EITHER RIGID OR FLEXIBLE.
- THE INTERIOR ELECTRICAL SYSTEMS SHALL BE COMPLETELY AND EXCLUSIVELY GROUNDED AS REQUIRED BY NATIONAL ELECTRICAL CODE. ALL METALLIC ENCLOSURES SHALL BE METRICALLY AND ELECTRICALLY GROUNDED AT ALL JOINTS AND AT ALL MODEL, BARRELS, FITTINGS, AND EQUIPMENT. ALL METALLIC SHALL BE PROPERLY GROUNDING, DESIGNER AND SUPPORTED AT INTERVALS NOT EXCEEDING THE CODE REQUIREMENT OR TO THE SATISFACTION OF THE ENGINEER.
- ALL WIRING SHALL BE PROVIDED WITH EQUIPMENT GROUND CONNECTION.
- UPON COMPLETION OF WORK, CONNECT ALL PANEL BUSES (CIRCUIT BREAKER CABS) TO METALLIC GROUNDING.
- PRIOR TO EXCAVATION IN ANY AREA IN WHICH CONDUIT, PIPE, WIRE, OR OTHER UTILITIES ITEMS MAY BE CONTAINED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING THE PRESENCE OF SUCH ITEMS, AND NOTIFY AN ADEQUATE PARTY OR METHOD TO AVOID DAMAGE. EXCAVATION SHALL BE BY HAND ONLY. THE CONTRACTOR IS RESPONSIBLE FOR EXISTING UNDERGROUND UTILITIES HAVE BEEN IDENTIFIED. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES PRIOR TO EXCAVATION.
- VERIFY THE DESIGNER'S VOLTAGE THROUGH THE LENGTH OF THE CONDUIT OR WIRING BY ANY MEANS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGNER'S VOLTAGE THROUGH THE LENGTH OF THE CONDUIT OR WIRING BY ANY MEANS.
- VERIFY CONDUIT SIZES SPECIFIED ON THE DRAWINGS FOR TELEPHONE SYSTEMS WITH THE SYSTEM SUPPLIER PRIOR TO ORDERING MATERIAL. ANY TELEPHONE RELATED WORK, TELEPHONE CABLES, CABLES, AND CABLES AND CABLES FOR THESE SYSTEMS WITH THE TELEPHONE SUPPLIER PRIOR TO ORDERING MATERIAL OR DEFERRING RELATED WORK.
- PROVIDE NECESSARY EXTERIOR GUTTERING AND DOWN SPOUTS, FULL AND UNOBTAINED. SEE NOTES ON THE DRAWINGS FOR DETAILS AND REQUIREMENTS FOR THE TELEPHONE COMPANY.
- EXISTING WORK AND EXISTING LIGHTS ARE CONNECTED TO THE LINE SIDE OF SWITCHES.
- PROVIDE (CONDUIT) AND WIRING FOR CONTROL WIRING AS REQUIRED.
- ALL FINAL CONNECTIONS TO LIGHTS AND EQUIPMENT SHALL BE MADE WITH FLEXIBLE CONDUIT (SEE NOTES ON THE DRAWINGS FOR DETAILS AND REQUIREMENTS FOR THE TELEPHONE COMPANY).
- ALL ELECTRICAL EQUIPMENT OUTLETS IN A VET LOCATIONS SHALL BE IN A VET LOCATIONS.

WOOD TRUSS NOTES

- ALL UNMANUFACTURED ROOF & FLOOR TRUSS SYSTEMS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA. ALL TRUSSES SHALL BE CALCULATED TO BE DESIGN AND SEALED BY THE ENGINEER.
- ALL TRUSSES TO BE DESIGNED FOR APPLICABLE PROVISIONS OF THE FLORIDA BUILDING CODE-2014. LOADS AND OTHERS SHALL BE LISTED ELSEWHERE IN THESE PLANS.
- SHALL BE DESIGNED FOR ALL TRUSSES, MEMBERS, CONNECTIONS OF TRUSSES TO SUPPORTS AND JOINTS. ALL TRUSSES SHALL BE DESIGNED FOR ALL TRUSSES, MEMBERS, CONNECTIONS OF TRUSSES TO SUPPORTS AND JOINTS. ALL TRUSSES SHALL BE DESIGNED FOR ALL TRUSSES, MEMBERS, CONNECTIONS OF TRUSSES TO SUPPORTS AND JOINTS.
- ALL TRUSSES SHALL BE CONNECTED TO BUILDING STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ALL TRUSSES SHALL BE CONNECTED TO BUILDING STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- TRUSS BRACING TO BE 7/8" DIA X 16' LONG UNLESS OTHERWISE SPECIFIED. BRACING SHALL BE CONNECTED TO TRUSS MANUFACTURER'S RECOMMENDATIONS. ALL TRUSSES SHALL BE CONNECTED TO BUILDING STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE ROOF FRAMING PLAN OR PROVIDED IS A GUIDELINE FOR TRUSS MANUFACTURER. THE EXACT ORDER & TRUSS PLACEMENT SHALL BE DETERMINED BY TRUSS MANUFACTURER. ANY CHANGES THAT AFFECT TRUSSING, TRUSS LOCATION OR TRUSS PLACEMENT WILL BE THE RESPONSIBILITY OF THE OWNER OR THEIR REPRESENTATIVE TO NOTIFY THE DESIGNER.

STEEL CONNECTOR NOTES

- ALL STEEL CONNECTORS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS. ALL STEEL CONNECTORS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
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WOOD FRAMING NOTES

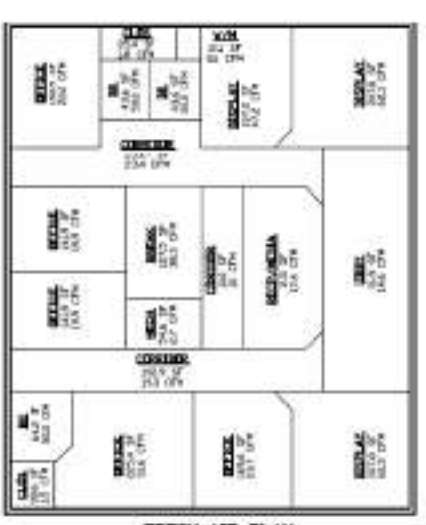
- ALL STRUCTURAL WOOD FRAMING TO BE EITHER YELLOW PINE OR PINE.
- ALL STEEL CONNECTORS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- ALL TRUSS TO BE CONNECTED TO BUILDING STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
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WALL CLIPS

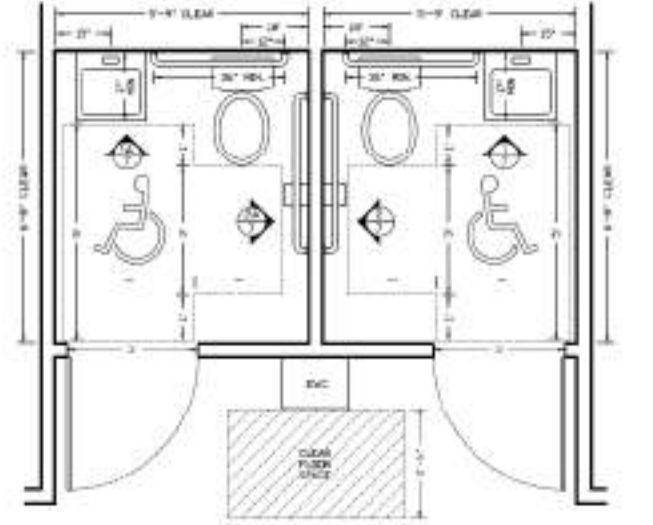
- | | |
|------------|--------------------|
| WOOD STUDS | 12" DIA X 16' LONG |
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WOOD TRUSS

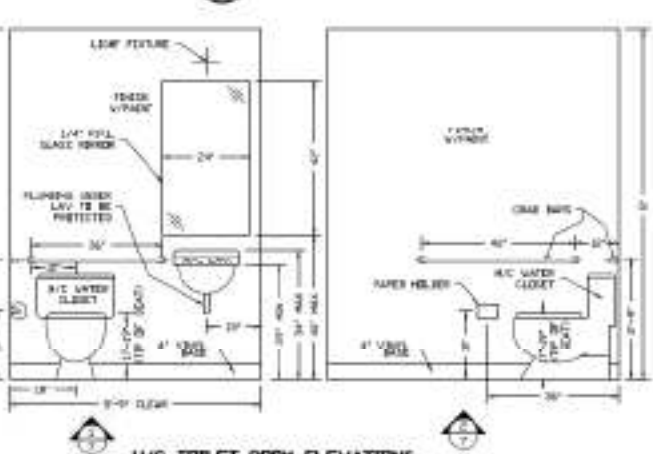
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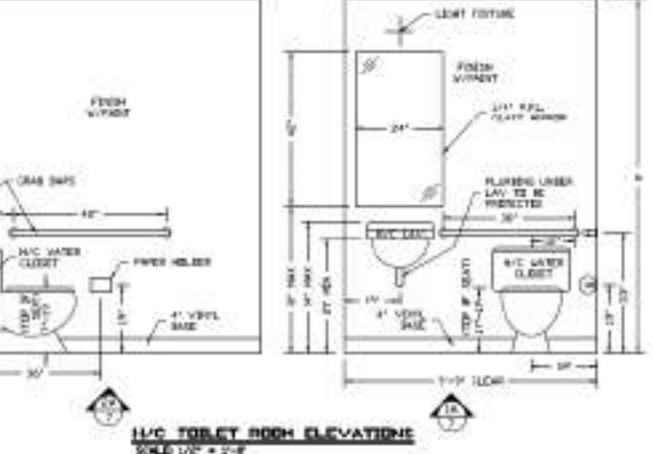
FRESH AIR PLAN
SCALE 1/4" = 1'-0"



H/C TOILET ROOMS
SCALE 1/4" = 1'-0"



H/C TOILET ROOM ELEVATIONS
SCALE 1/4" = 1'-0"



H/C TOILET ROOM ELEVATIONS
SCALE 1/4" = 1'-0"

DATE: 07/27/2017
DRAWN BY: JBA
CHECKED BY: JBA
PROJECT NO.: 17-0001
SHEET NO.: 7 OF 8

Donal F. Ardito, P.E.
Professional Engineer
1100 S. FLORISSA BLVD
TALLAHASSEE, FL 32310
TEL: 904-880-1111

NOTES & DETAILS

NEW OFFICE BUILDING
CITRUS COUNTY, FL

SHEET
7
OF 8

Donal F. Ardito, P.E.
Florida P.E. 00054

ADA COMPLIANCE NOTES

- 1) ALL HVAC EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH FLORIDA BUILDING CODE (SFC) CHAPTERS 6 AND MANUFACTURER'S REQUIREMENTS.
- 2) IF A PARTICULAR TYPE OF FACILITY SUCH AS WATER CLOSET, SHOWER, URINAL, LAVATORY, ETC. IS INDICATED THIS AT LEAST SHALL BE ADA COMPLIANT.
- 3) ALL CLEAR FLOOR SPACES SHOWN IN PLANS SHALL BE PROVIDED WITHOUT ENCROACHMENT UNLESS SPECIFICALLY NOTED OTHERWISE.
- 4) IT IS THE RESPONSIBILITY OF BUILDER TO ORDER/INSTALL ADA COMPLIANT COMPONENTS.

HVC WATER COOLERS

- 1) SPURT HEIGHT SHALL NOT EXCEED 30" MEASURED FROM FLOOR TO SPURT OUTLET.
- 2) TRAIT SHALL BE LOCATED IN THE FRONT OR LEFT AND RIGHT STREAM OF WATER IN A HEAVILY TRAFFICED SECTION TO FRONT OF UNIT. WATER FLOW SHALL BE AT LEAST 1/2" HIGH TO ALLOW DRAINAGE OF 2.0". IF A HOSE IS USED, HOSE IS USED THE FLOW OF WATER MUST BE WITHIN 3" OF FRONT EDGE OF UNIT.
- 3) CONTROLS SHALL BE MOUNTED IN FRONT OR ON SIDE NEAR FRONT EDGE. CONTROLS SHALL BE OF THE VAULT CONTROL. SHALL HAVE 30 LB MAX OPERATING FORCE.
- 4) ALL UNITS SHALL BE 30-LEVEL TYPE.

HVC STALL CONSTRUCTION

- 1) IF THE ENCLOSURE FROM BACK WALL OF TOILET TO WALL IN FRONT OF TOILET IS LESS THAN 30" AND A WALL HEAVY FLOOR IS REQUIRED.
- 2) TOILET PAPER DISPENSERS SHALL BE STAINLESS STEEL AND INSTALLED WITH REACH AS SHOWN IN PLAN. DISPENSER SHALL BE 10" TO 12" HIGH FROM FLOOR TO TOP OF DISPENSER. PAPER SHALL NOT BE 30" HIGH.
- 3) OVER BARS SHALL BE INSTALLED IN LOCATION AS SHOWN IN PLAN. ALL OVER BARS ON HVC BATHROOM SHALL BE 1/4" DIA. STAINLESS STEEL, & BE SECURELY MOUNTED 1" TO 1 1/2" HGT. MOUNTING IN HVC BATHROOM TO BE 1/4" PLATE GLASS 40" HIGH & 2" VEE NOTED BY THE ARCH.
- 4) PROVIDE 3/16" DIA. STAINLESS STEEL TIE ROD ON WALL.
- 5) IN STALLS THAT DO NOT EXCEED 40" CLEARANCE IN DEPTH THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL BE 1/4" DIA. STAINLESS STEEL.

HVC WATER CLOSETS (TOILETS)

- 1) WATER CLOSETS SHALL HAVE HEIGHT BE 27" TO 30" TO TOP OF TOILET SEAT. SEAT SHALL NOT BE SPRING TO RETURN TO A LIFTED POSITION.
- 2) FLOOR CONTROLS SHALL BE PROVIDED BY AUTOMATIC FLOOR CONTROL FOR FLOOR VALVES SHALL BE MOUNTED BY THE WIDE SIDE OF TOILET AREA NO MORE THAN 41" HGT.

HVC DOORS (BATHROOM & CORES FOR ENTIRE BUILDING)

- 1) TOILET SHALL HAVE TOILET ROOM ENTRANCE DOOR SHALL BE SELF CLOSING AND SHALL NOT EXCEED 50 LB OPERATING FORCE. CLEAR SPACE OF 30" TO 36" SHALL BE PROVIDED FROM THE TOILET SEAT TO THE DOOR. CLEARANCE SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR. CLEARANCE SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR.
- 2) FLOORING-FLOORING FORCE OF ALL ACCESSIBLE DOORS SHALL BE AS FOLLOWS:- (SEE FORCE NOT INCLUDE THE EXTRA FORCE REQUIRED FOR LATCHING OPERATIONS)
 - 1) FOR BATHROOM DOORS: 5 LB TO 8 LB MAX
 - 2) FOR BATHROOM DOORS: 5 LB TO 8 LB MAX
 - 3) FOR BATHROOM DOORS: 5 LB TO 8 LB MAX
 - 4) FOR BATHROOM DOORS: 5 LB TO 8 LB MAX
- 3) ALL ACCESSIBLE ROOM PARTITIONS, WALLS, LATHES, LATHES, ETC. SHALL NOT REQUIRE TIGHT LATCHING. TIGHT LATCHING OR FASTENERS OF THE WALL TO BE OPENED, USED OR CLOSED SHALL NOT EXCEED 5 LB TO 8 LB MAX OPERATING FORCE. SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR.
- 4) HANDLE HORIZONTAL OF DOORS SHALL EXTEND AT LEAST 1/3 OF THE WIDTH OF DOOR AND HANDLE NO MORE THAN 2 1/2" LB TO OPERATE THE LATCH.

HVC BATHROOM LAVATORIES

- 1) A HOT WATER LAVATORY SHALL BE INSTALLED IN EACH STALL OR BATHROOM.
- 2) LAVATORIES SHALL BE MOUNTED WITH TOP OF COUNTER SURFACE NO HIGHER THAN 34" HGT. COUNTER TOP SURFACE OF LAVATORY SHALL BE 34" HGT. HGT.
- 3) HOT WATER SHOWN FLOOR UNDER LAVATORIES SHALL BE ISOLATED OR CONCRETE TO PREVENT ASBESTOS CONTACT. THERE SHALL BE NO SHARP AND/OR ABRUPT SURFACES UNDER LAVATORIES.
- 4) LAVATORY FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRIPPING, FINGERING OR TWISTING OF THE HANDLE. THE HANDLE SHALL BE 3/4" DIA. IF SELF CLOSING VALVES ARE INSTALLED, THE FAUCET SHALL REMAIN OPEN FOR 10 SECONDS MAX.

HVC URINALS

- 1) URINALS SHALL BE STALL TYPE OR WALL MOUNT WITH AN ELONGATED 10" AT A MINIMUM OF 17" HGT.
- 2) A 30" X 48" CLEAR SPACE SHALL BE PROVIDED THAT MAY ENLARGE OTHER ACCESSIBLE AREAS.
- 3) FLOOR CONTROLS SHALL BE PROVIDED BY AUTOMATIC AND SHALL NOT EXCEED 40" CLEARANCE IN DEPTH. SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR. SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR.

HVC BATHROOMS

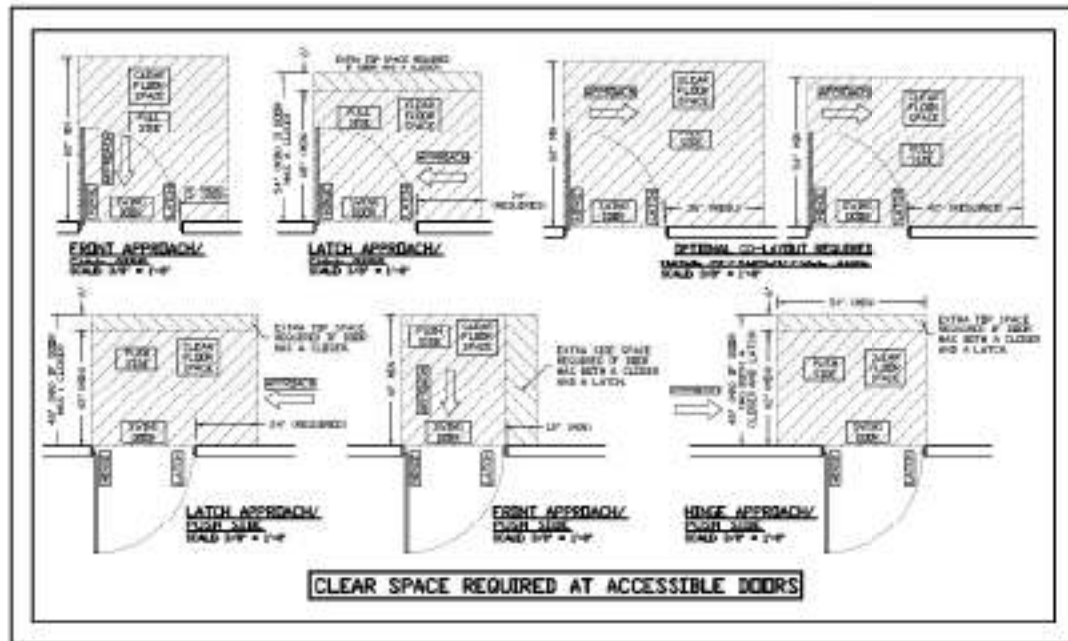
- 1) AS IN THE SEAT OR SEAT AT HEAD OF THE TUB SHALL BE PROVIDED. SEATS SHALL BE HEAVY DUTY AND SHALL BE 30" HGT.
- 2) IF SHOWER HEAD PROVIDED A HAND HELD SHOWER SPRAY UNIT WITH 60" HIGH HOSE SHALL BE INSTALLED (SEE DETAIL NOT BE USED).
- 3) IN UNBARRICADED FACILITIES WHERE WHEELCHAIR IS PROJECTED A FIXED SHOWER HEAD MOUNTED AT 41" HGT MAY BE INSTALLED INSTEAD OF HAND HELD SPRAY UNIT. (SEE DETAIL WHEELCHAIR SEAT).
- 4) ENCLOSURES OF PROVIDED SHALL NOT OBSTRUCT CONTROLS, OVER BARS, OR CLEAR SPACES FOR WHEELCHAIR TRACKS FOR SEATS SHALL NOT BE INSTALLED IN THIS.
- 5) CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRIPPING, FINGERING, OR TWISTING OF THE HANDLE. CONTROLS SHALL HAVE 30 LB MAX OPERATING FORCE.

HVC SHOWER STALLS (NOT FOR HOTELS OR ROLL-IN SHOWERS)

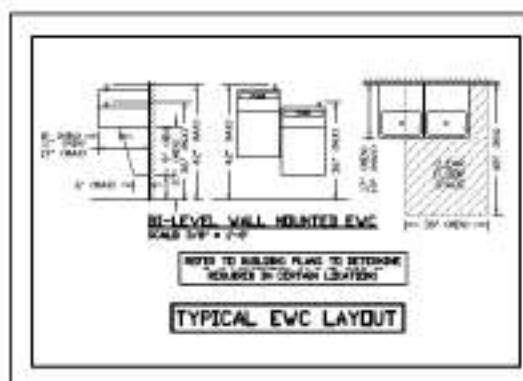
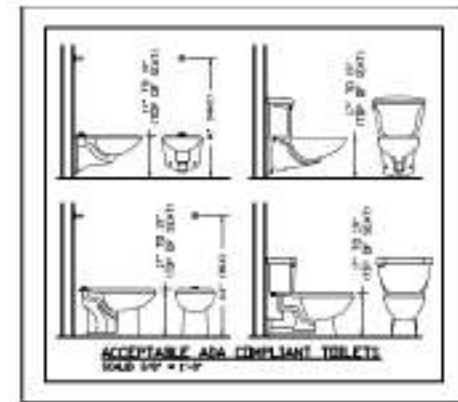
- 1) SHOWER STALLS SHALL BE 30" X 60" OR 30" X 70" (SEE DETAIL).
- 2) SHOWER SEAT SHALL BE A SEAT SHALL BE PROVIDED ONLY WITHIN THE SEAT SHALL BE 17" TO 20" HIGH. THE SEAT SHALL BE ON THE OPPOSITE WALL OF CONTROLS. OVER BARS SHALL BE 30" HGT.
- 3) SHOWER SEAT SHALL HAVE SEAT OF PROVIDED SHALL BE THE FOLDING TYPE AND SHALL BE MOUNTED ON THE WALL. MOUNTING TO CONTROLS SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR. SHALL BE 30" TO 36" FROM THE TOILET SEAT TO THE DOOR.
- 4) A HAND HELD SHOWER SPRAY UNIT WITH 60" HIGH HOSE SHALL BE PROVIDED (SEE DETAIL NOT BE USED).
- 5) IN UNBARRICADED FACILITIES WHERE WHEELCHAIR IS PROJECTED A FIXED SHOWER HEAD MOUNTED AT 41" HGT MAY BE INSTALLED INSTEAD OF HAND HELD SPRAY UNIT. (SEE DETAIL WHEELCHAIR SEAT).
- 6) ENCLOSURES OF PROVIDED SHALL NOT OBSTRUCT CONTROLS, OVER BARS, OR CLEAR SPACES FOR WHEELCHAIR TRACKS FOR SEATS SHALL NOT BE INSTALLED IN THIS.
- 7) VEHICLE SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRIPPING.

HVC MOUNTING HEIGHTS FOR VARIOUS COMPONENTS

ONLY FOR COMPLIANT COMPONENTS (SEE COMPLIANCE WITH THIS TABLE)	HEIGHT
A) EWC STATION	30" TO 34"
B) TOILET SEAT	17" TO 19"
C) TOILET/URINAL FLOOR	48" TO 50" (MAX)
D) URINAL BAR	17" TO 19" (MAX)
E) TOILET PAPER DISPENSER	27" TO 30" (MAX)
F) LAVATORY BAR	34" TO 36" (MAX)
G) SHOWER HEAD	60" TO 66" (MAX)
H) SEAT DISPENSER	20" TO 24" (MAX) 41" HGT (MAX)
I) FLOOR DISPENSER	20" TO 24" (MAX) 41" HGT (MAX)
J) PRESS CAR (SHOWER ONLY)	41" TO 45" (MAX)
K) OVER BARS	30" TO 36" (MAX)
L) TUB/SHOWER	40" TO 48" (MAX) 50" TO 54" (MAX)
M) WHEELCHAIR TRACKS	27" TO 41" (MAX) 41" TO 45" (MAX)



CLEAR SPACE REQUIRED AT ACCESSIBLE DOORS



LIST OF ABBREVIATIONS

AC	ARCHITECTURAL
AD	ARCHITECTURAL DESIGN TEAM
AE	ARCHITECTURAL ENGINEER
AF	ARCHITECTURAL FLOOR
AG	ARCHITECTURAL GROUP
AH	ARCHITECTURAL HATCH
AI	ARCHITECTURAL INFORMATION
AJ	ARCHITECTURAL JUNCTION
AK	ARCHITECTURAL KEY
AL	ARCHITECTURAL LINE
AM	ARCHITECTURAL MATERIAL
AN	ARCHITECTURAL NOTE
AO	ARCHITECTURAL OUTLINE
AP	ARCHITECTURAL PLAN
AQ	ARCHITECTURAL QUANTITY
AR	ARCHITECTURAL REFERENCE
AS	ARCHITECTURAL SECTION
AT	ARCHITECTURAL TYPING
AU	ARCHITECTURAL UNIT
AV	ARCHITECTURAL VERTICAL
AW	ARCHITECTURAL WALL
AX	ARCHITECTURAL WINDOW
AY	ARCHITECTURAL YIELD
AZ	ARCHITECTURAL ZONE
BA	BATHROOM
BB	BATHROOM BATH
BC	BATHROOM CLOSET
BD	BATHROOM DRESSING
BE	BATHROOM ENTRY
BF	BATHROOM FLOOR
BG	BATHROOM GLASS
BH	BATHROOM HATCH
BI	BATHROOM INFORMATION
BJ	BATHROOM JUNCTION
BK	BATHROOM KEY
BL	BATHROOM LINE
BM	BATHROOM MATERIAL
BN	BATHROOM NOTE
BO	BATHROOM OUTLINE
BP	BATHROOM PLAN
BQ	BATHROOM QUANTITY
BR	BATHROOM REFERENCE
BS	BATHROOM SECTION
BT	BATHROOM TYPING
BU	BATHROOM UNIT
BV	BATHROOM VERTICAL
BW	BATHROOM WALL
BX	BATHROOM WINDOW
BY	BATHROOM YIELD
BZ	BATHROOM ZONE
CA	CORRIDOR
CB	CORRIDOR BATH
CC	CORRIDOR CLOSET
CD	CORRIDOR DRESSING
CE	CORRIDOR ENTRY
CF	CORRIDOR FLOOR
CG	CORRIDOR GLASS
CH	CORRIDOR HATCH
CI	CORRIDOR INFORMATION
CJ	CORRIDOR JUNCTION
CK	CORRIDOR KEY
CL	CORRIDOR LINE
CM	CORRIDOR MATERIAL
CN	CORRIDOR NOTE
CO	CORRIDOR OUTLINE
CP	CORRIDOR PLAN
CQ	CORRIDOR QUANTITY
CR	CORRIDOR REFERENCE
CS	CORRIDOR SECTION
CT	CORRIDOR TYPING
CU	CORRIDOR UNIT
CV	CORRIDOR VERTICAL
CW	CORRIDOR WALL
CX	CORRIDOR WINDOW
CY	CORRIDOR YIELD
CZ	CORRIDOR ZONE

NEW OFFICE BUILDING
CITRUS COUNTY, FL

ADA NOTES & DETAILS

SHEET 8 OF 8

Daniel F. Ardito, P.E.
Professional Engineer
1111 E. PLAZA ST.
LELAND, FL 32448
TEL: 904-887-1111