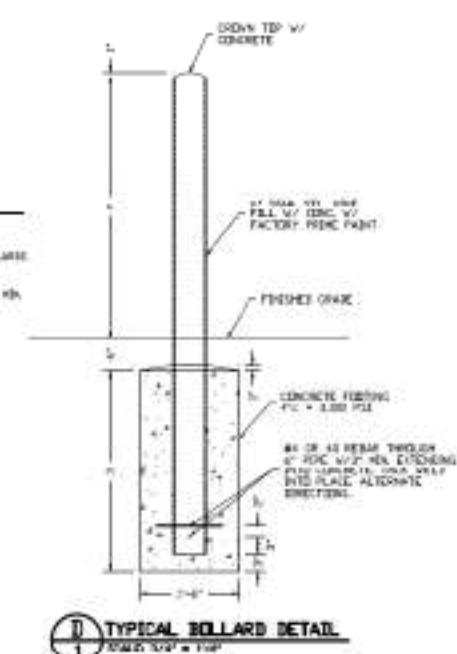
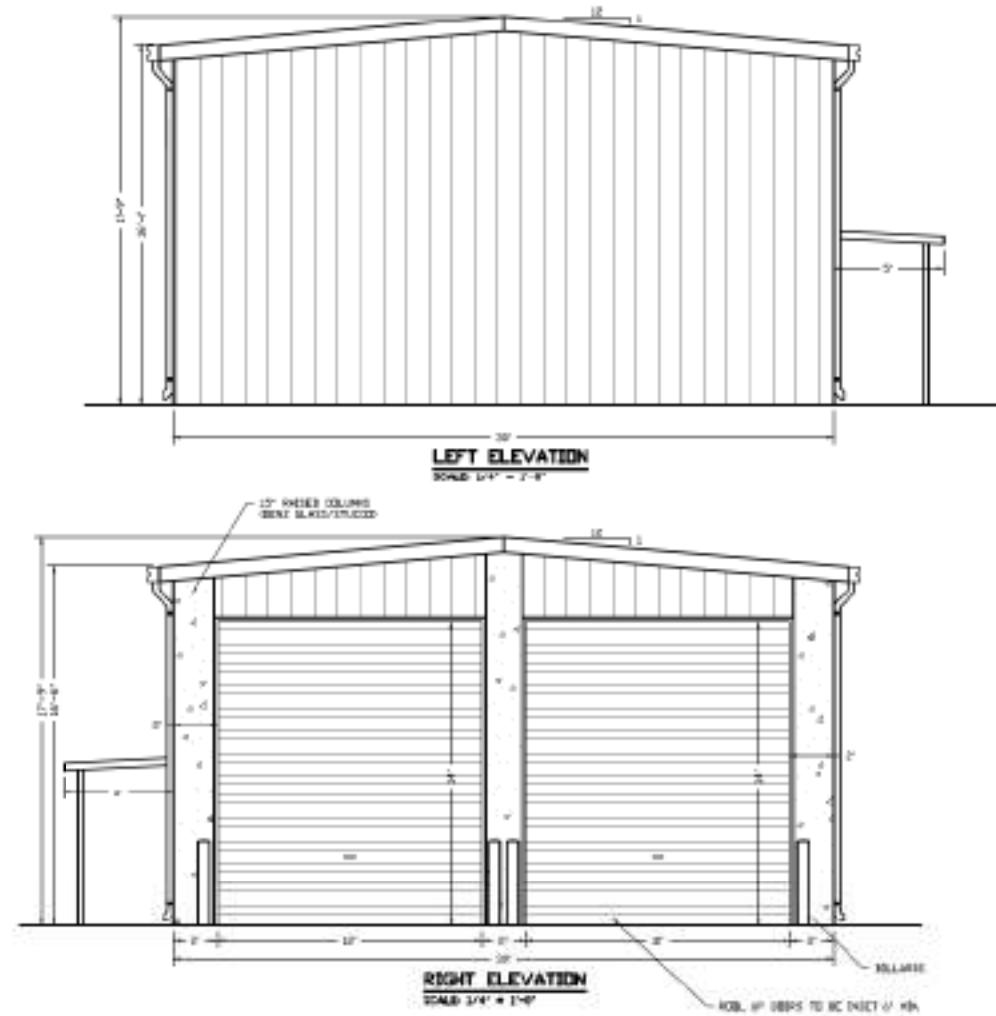
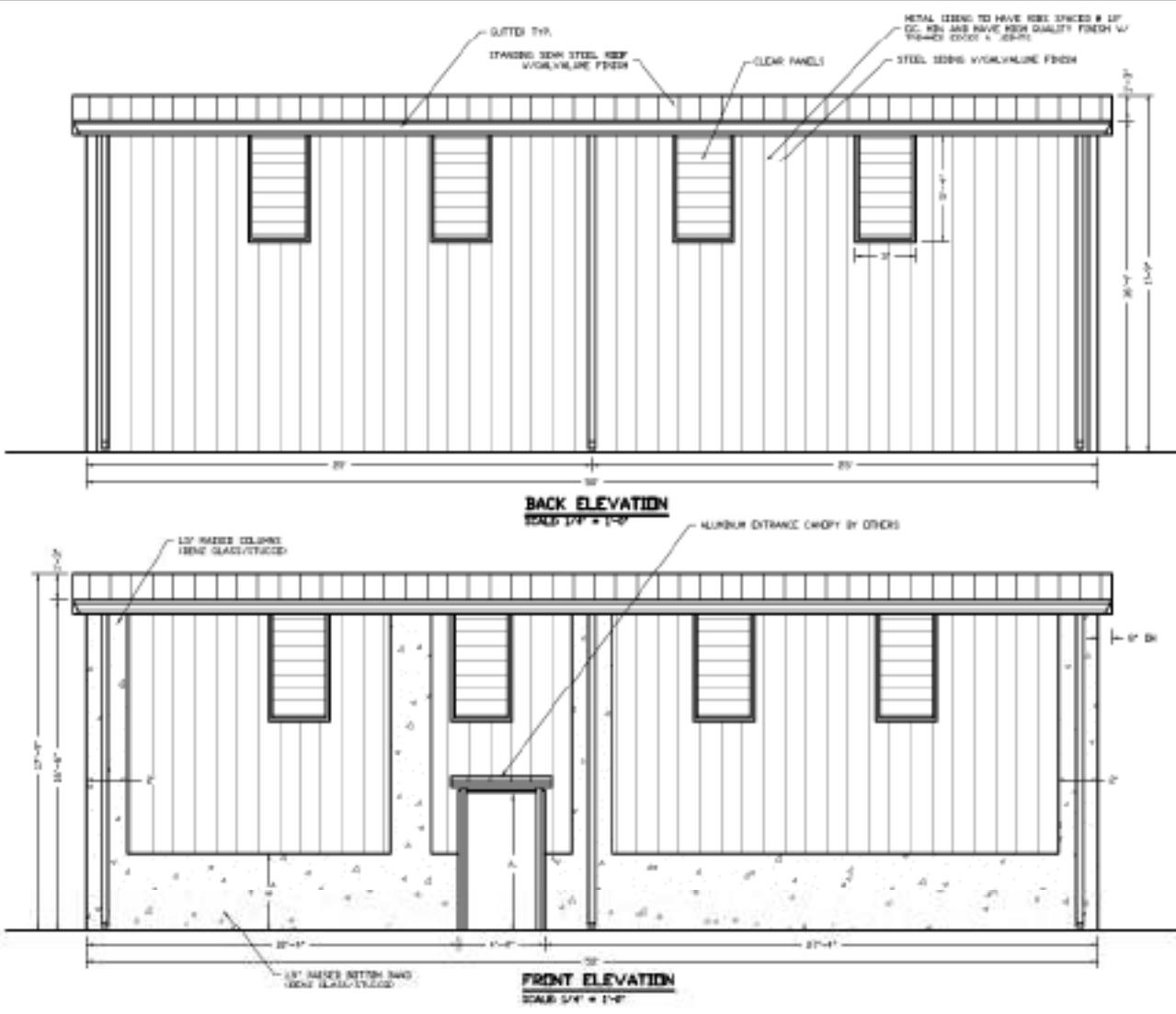


Note: Drawings Printed at Low Resolution to Show General Drawing Concepts and to Prevent Copying



| SMALL BED GREENHOUSE CHECK LIST CITRUS COUNTY LIC #404 | |
|---|---|
| | <input type="checkbox"/> 1) EXCEPT: a) INDUSTRIAL, AGRICULTURAL, SWING LINE, SWING, TRANSPORTATION, COMMERCIAL, PUBLIC, STATE, FEDERAL, GOVERNMENT, ETC. USES & C. 4000 BUDGET PER YEAR IS \$1000. 2) HOUSE IS WORKED IN ACCORDANCE |
| <input checked="" type="checkbox"/> | 3) PACKED: <input checked="" type="checkbox"/> a) SUPPORTS & GUTT. S. S. b) SHEET METAL, PAPER, PLASTIC <input checked="" type="checkbox"/> c) PLATE玻璃 <input checked="" type="checkbox"/> d) STONE <input checked="" type="checkbox"/> e) WOOD, PINE, PINESTRIM <input checked="" type="checkbox"/> f) ALUMINUM, TIN-ROOF g) PLASTIC |
| <input checked="" type="checkbox"/> | 4) SETTING FEATURES BUILT & PAINT & SPOT-UP: a) SC. SCALLOP ROOF b) CONCRETE c) CONCRETE, STONE, MATERIAL, REINFORCED <input checked="" type="checkbox"/> d) CONCRETE REINFORCED, DURACON, DURACON, DURACON e) REINFORCED CONCRETE, DURACON, DURACON, DURACON f) REINFORCED CONCRETE, DURACON, DURACON, DURACON g) REINFORCED CONCRETE, DURACON, DURACON, DURACON h) REINFORCED CONCRETE, DURACON, DURACON, DURACON i) REINFORCED CONCRETE, DURACON, DURACON, DURACON j) REINFORCED CONCRETE, DURACON, DURACON, DURACON k) REINFORCED CONCRETE, DURACON, DURACON, DURACON l) REINFORCED CONCRETE, DURACON, DURACON, DURACON m) REINFORCED CONCRETE, DURACON, DURACON, DURACON n) REINFORCED CONCRETE, DURACON, DURACON, DURACON o) REINFORCED CONCRETE, DURACON, DURACON, DURACON p) REINFORCED CONCRETE, DURACON, DURACON, DURACON q) REINFORCED CONCRETE, DURACON, DURACON, DURACON r) REINFORCED CONCRETE, DURACON, DURACON, DURACON s) REINFORCED CONCRETE, DURACON, DURACON, DURACON t) REINFORCED CONCRETE, DURACON, DURACON, DURACON u) REINFORCED CONCRETE, DURACON, DURACON, DURACON v) REINFORCED CONCRETE, DURACON, DURACON, DURACON w) REINFORCED CONCRETE, DURACON, DURACON, DURACON x) REINFORCED CONCRETE, DURACON, DURACON, DURACON y) REINFORCED CONCRETE, DURACON, DURACON, DURACON z) REINFORCED CONCRETE, DURACON, DURACON, DURACON |
| <input checked="" type="checkbox"/> | 5) MATERIALS: <input checked="" type="checkbox"/> a) ARCHITECTURAL, METAL PANELS b) STUCCO FINISH ON BRICK OR CEMENT BLOCK WALLS |
| <input checked="" type="checkbox"/> | 6) OTHER FEATURES WHICH DEFEND AND HAVE 12'-0" OF THE BUILDING: <input checked="" type="checkbox"/> a) CHAINLINK FENCE <input checked="" type="checkbox"/> b) OVERHANGS <input checked="" type="checkbox"/> c) REINFORCED PROJECTIONS <input checked="" type="checkbox"/> d) ROOF <input checked="" type="checkbox"/> e) RAISE ABOVE THE HIGHWAY CONCRETE RAMPS <input checked="" type="checkbox"/> f) REINFORCED REIN FOR <input checked="" type="checkbox"/> g) REINFORCED <input checked="" type="checkbox"/> h) REINFORCED <input checked="" type="checkbox"/> i) REINFORCED <input checked="" type="checkbox"/> j) REINFORCED <input checked="" type="checkbox"/> k) REINFORCED <input checked="" type="checkbox"/> l) REINFORCED <input checked="" type="checkbox"/> m) REINFORCED <input checked="" type="checkbox"/> n) REINFORCED <input checked="" type="checkbox"/> o) REINFORCED <input checked="" type="checkbox"/> p) REINFORCED <input checked="" type="checkbox"/> q) REINFORCED <input checked="" type="checkbox"/> r) REINFORCED <input checked="" type="checkbox"/> s) REINFORCED <input checked="" type="checkbox"/> t) REINFORCED <input checked="" type="checkbox"/> u) REINFORCED <input checked="" type="checkbox"/> v) REINFORCED <input checked="" type="checkbox"/> w) REINFORCED <input checked="" type="checkbox"/> x) REINFORCED <input checked="" type="checkbox"/> y) REINFORCED <input checked="" type="checkbox"/> z) REINFORCED |
| <input checked="" type="checkbox"/> | 7) KEEP TREATMENT: <input checked="" type="checkbox"/> a) EXTERIOR PAINT <input checked="" type="checkbox"/> b) EXTERIOR PAINT <input checked="" type="checkbox"/> c) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR d) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR e) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR f) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR g) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR h) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR i) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR j) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR k) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR l) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR m) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR n) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR o) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR p) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR q) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR r) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR s) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR t) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR u) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR v) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR w) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR x) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR y) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR z) PAINTED 7'-0" IN HEIGHT ABOVE FLOOR |

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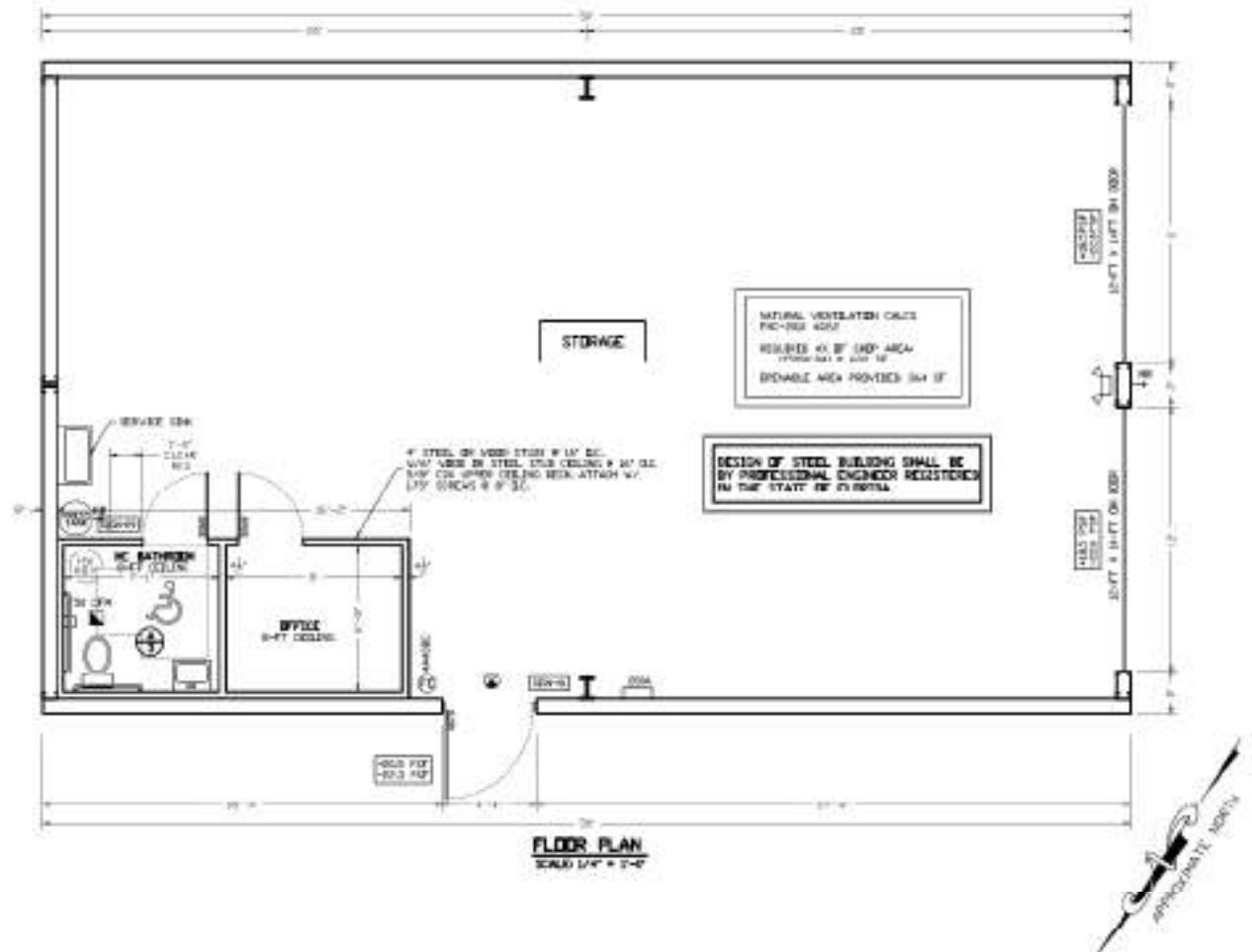
STORAGE BUILDING

BUILDING ELEVATIONS

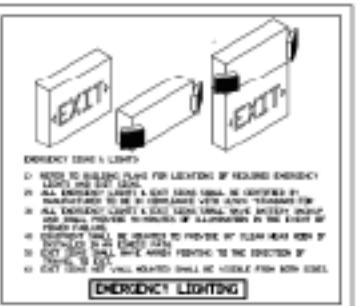
| | |
|------------|--------|
| DATE: | 6/8/11 |
| NAME (STL) | JSA |

卷之三

Drawings By: Daniel F. Ardito, PE <http://www.DanielArditoPE.net>



| BUILDING CONSTRUCTION REQUIREMENTS | | | | | |
|--|-----------------------|-------------------------------|-----------------------|--|--|
| OCUPANCY CLASSIFICATION | | CODE STANDARDS | | | |
| CONSTRUCTION TYPE | | TYPE III - R-60 U | | | |
| FIRE PROTECTION | | UNPROTECTED | | | |
| SPRINKLERS | | LAST 10 FEET | | | |
| AREA MODIFICATION | | | | | |
| BUILDING PERIMETER (ft) | | NA | | | |
| CRABBLE (PERIMETER) (ft) | | NA | | | |
| WIDTH OF BFM (ft) - 120' MAX | | NA | | | |
| SPRINKLERS (ft) - 100' MAX | | NA | | | |
| REMARKS/EXCEPTIONS | | | | | |
| BUILDING LIMITATIONS | | | | | |
| TABLE NO. FIC-2000 | | | | | |
| NUMBER OF STOREYS | MAX ALLOWABLE | MAX VISIBLE | MAX PROVIDED | | |
| | | | | | |
| 1 | 2 | NA | 1 | | |
| 2+ STORY FLR AREA | 11,500 SF | NA | 11,500 SF | | |
| 2+ STORY FLR AREA | NA | NA | NA | | |
| FIRE RESISTANCE SURFACE OF BUILDING ELEMENTS | | | | | |
| TABLE NO. FIC-2000 | | | | | |
| BUILDING OPENINGS | | RECOMMENDED FIRE RATINGS | | | |
| STRUCTURAL FRMCS | | NA | | | |
| BEAMS & GIRDERS | | NA | | | |
| NON-BEARING WALLS & PARTITIONS | | 0 HR | | | |
| FLOOR CONSTRUCTION | | 0 HR | | | |
| ROOF CONSTRUCTION | | 0 HR | | | |
| FIRE RESISTANCE RATINGS OF EXTERIOR WALLS | | | | | |
| TABLE NO. FIC-2000 | | | | | |
| WALL LOCATION | | RECOMMENDED FIRE RATINGS | | | |
| SEPARATION DIST. | | FIRE RATING PROVIDED | | | |
| FRONT WALL | | OVER 30 FT | | | |
| LEFT WALL | | 0 FT TO 30 FT | | | |
| RIGHT WALL | | OVER 30 FT | | | |
| BACK WALL | | OVER 30 FT | | | |
| EXTERIOR WALL OPENINGS (FROM TABLE 705.6) | | | | | |
| WALL | OPENING SIZE (INCHES) | OPENING SIZE (INCHES) ALLOWED | OPENING SIZE PROVIDED | | |
| | | | | | |
| FRONT WALL | OVER 30 IN | NA | NA | | |
| LEFT WALL | 0 FT TO 30 FT | NA | NA | | |
| RIGHT WALL | OVER 30 IN | NA | NA | | |
| BACK WALL | OVER 30 IN | NA | NA | | |



LIFE SAFETY / FIRE PREVENTION NOTES:

- ② ALL EXIT SIGNS TO BE ILLUMINATED WITH BATTERY BACK UP.
- ③ ALL EMERGENCY LIGHTING TO HAVE BATTERY BACKUP.
- ④ THE EXIT SIGN AND THE FIRE ALARM MUST BE VISIBLE FROM THE ROADWAY WITHIN 6 NUMBERS OR CONTRASTING BACKGROUNDS.
- ⑤ ALL FIRE EXTINGUISHERS SHALL BE INSPECTED, TAGGED, & REHEATED.
- ⑥ A FIRE HYDRANT IS REQUIRED WITHIN 500-FEET CURBLINE DISTANCE OF THE BUILDING IF CENTRAL WATER IS AVAILABLE WITHIN 1200-FEET.

INSULATION NOTES

D. ALL INSULATION SHALL BE THERMAL AND/OR ACOUSTICAL, HAVING A MAX FLAME SPREAD OF 25 AND MAX SMOKE INDEX OF 450 WITH THE FOLLOWING EXCEPTIONS:

A) INSULATION PLACED BETWEEN G-3 LAMINERS OR NON-COMBUSTIBLE MATERIAL WITH NO AIR GAP SHALL HAVE MAX FLAME SPREAD OF 250.
B) OTHER EXCEPTIONS PER IBC-2010 653.

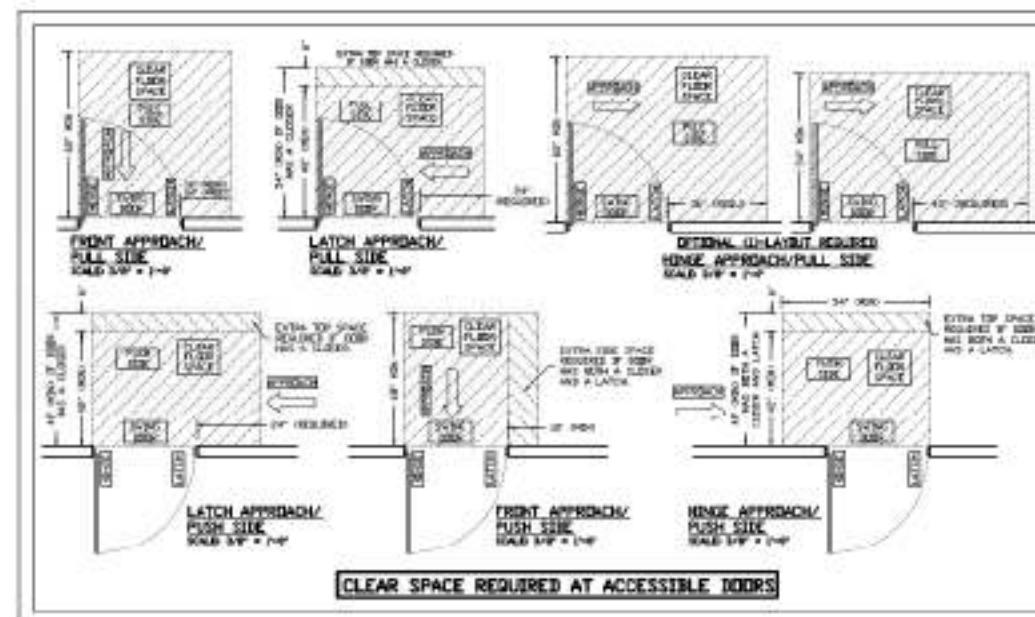
| OCCUPANT LOAD CALCS | | | |
|---------------------|---------------|-------------------------|-----------|
| ROOM | HOT AREA | GROOF LOAD ^a | FRESH AIR |
| OFFICE | 562 SF | 44SF / 200 = .22 | .045SF/AL |
| SH. BATHROOM | 34.7 SF | .047 / 200 = .00023 | .00 SF/PR |
| SURVIVAL | 1000 SF X .14 | 140 SF / 200 = .4 | .04 SF/AL |
| TOTAL HOT AREA | 1396.7 SF | 6 EQUIPMENTS | .58 SF/PR |
| TOTAL GROSS AREA | 1800 SF | | |

404.1(B)(4) FRESH AIR FROM ADJACENT SPACE
NOTED: D-FRESH AIR HAS BEEN EXCLUDED FROM TABLE 403.3(FRC-104). ALTERNATIVE
METHOD MAY BE USED TO ESTIMATE OCCUPANT LOAD PER FRC-104A 403.3
AS WELL AS LONG ADDITIVE OF THE USE.
E- OCCUPANT LOADS HAVE BEEN CALCULATED TO USE CORRECT PATH AND FIRE
SAFETY EQUIPMENT AND OCCUPANT LOAD FOR NAME DESIGN SHALL BE
CALCULATED WITH APPROVED DESIGN METHODS.

| ROOM/FURNISH SCHEDULE | | | | | |
|-----------------------|-------|-------|-------|------|-------|
| ITEM NAME | WALLS | FLOOR | NAME | QTY. | NOTES |
| STUD SPACES | DRY | DRY | VINYL | SP | |
| WALL-DOORS | VINYL | VET | VINYL | SP | |
| CEIL BRIDGE | DRYW | CONC | WOOD | DRY | |

105 = INSULATED
106 = MOISTURE RESISTANT CLOTH BOMBS
107 = DRAMIC TEC
108 = WOODSTICKS
109 = FAIRY CONFECTION TEC

FLORIDA FRESH WATER HOLE
FLOOR SHALL BE A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTERNS 60%
THE WALLS & CEILING. THE WALLS SHALL HAVE NO SHREWD,
HARD-TO-SCRATCH SURFACE. A HEIGHT OF 4'-0" FROM THE FLOOR
TO THE TOP OF THE WALLS. NO HOLE OR CRACKS IN THE WALLS
THAT ARE NOT ACCESSIBLE TO THE PUBLIC AND WHICH HAVE NO DEPTH THAN
ONE WATER CLEAST. THE HOLE SUBJECT TO THESE NOTES. ALL ADDITIRES SUCH
AS PINE, BARK, STONE, ROCK, BRICK, METAL, AND STONE, ETC., THAT IF



DESIGN CRITERIA

THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-2010.

| | |
|---------------------------|------------------------------------|
| MAX WIND SPEED | 140 MPH (3-SEC GUST) |
| VARIABLE WIND SPEED | 0.775xWind = 38.4 MPH (3-SEC GUST) |
| CATEGORY | II |
| WIND EXPOSURE | B |
| FLOOR LIVE LOAD | 100 PSF |
| INTERNAL PRESSURE COEFF. | 0.18 |
| FLOOD ZONE | C (ASSUMED) |
| MAX SOIL BEARING PRESSURE | 2,000 PSF (ASSUMED) |

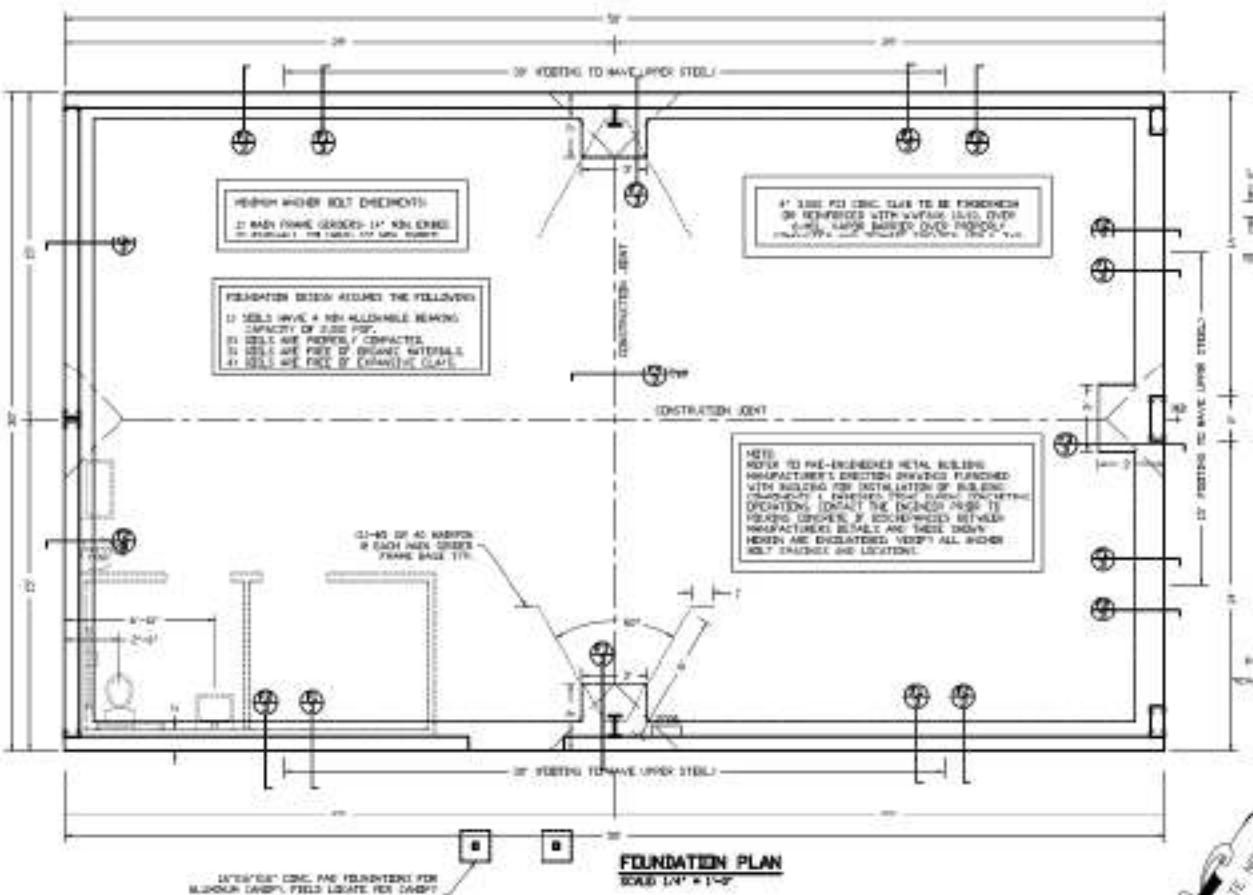
| COMPONENT AND CLADDING PRESSURE ZONES | | | | | |
|---------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| EQUI. DISTANCE 30' | | ROOF ANGLES 0 TO 18° | | | |
| AREA | TENS. 1 | TENS. 2 | TENS. 3 | TENS. 4 | TENS. 5 |
| 20 SF | +100 PFS -100 PFS | +300 PFS -300 PFS | +500 PFS -500 PFS | +600 PFS -600 PFS | +600 PFS -600 PFS |
| 50 SF | +100 PFS -100 PFS | +300 PFS -300 PFS | +500 PFS -500 PFS | +600 PFS -600 PFS | +600 PFS -600 PFS |
| 100 SF | +100 PFS -100 PFS | +300 PFS -300 PFS | +500 PFS -500 PFS | +600 PFS -600 PFS | +600 PFS -600 PFS |
| 200 SF | +100 PFS -100 PFS | +300 PFS -300 PFS | +500 PFS -500 PFS | +600 PFS -600 PFS | +600 PFS -600 PFS |

STORAGE BUILDING
CITRUS COUNTY, FL

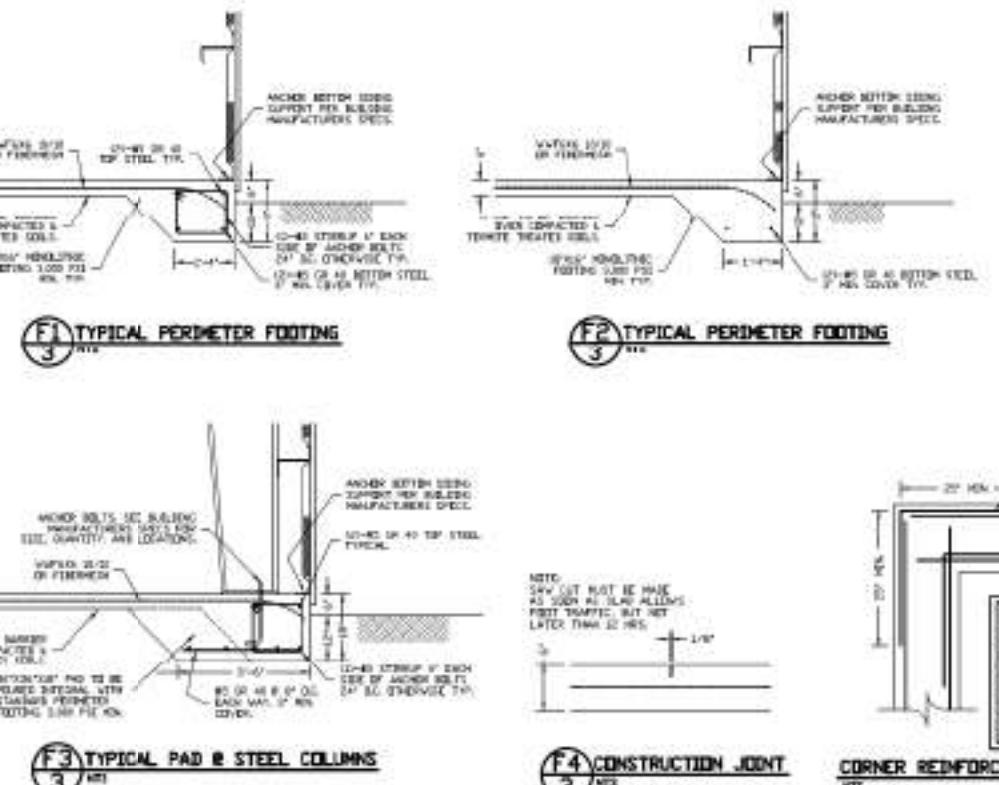
FLOOR PLAN

SHEET TITLE

SHEET 2



FOUNDATION PL.



F2 TYPICAL PERIMETER FOOTING

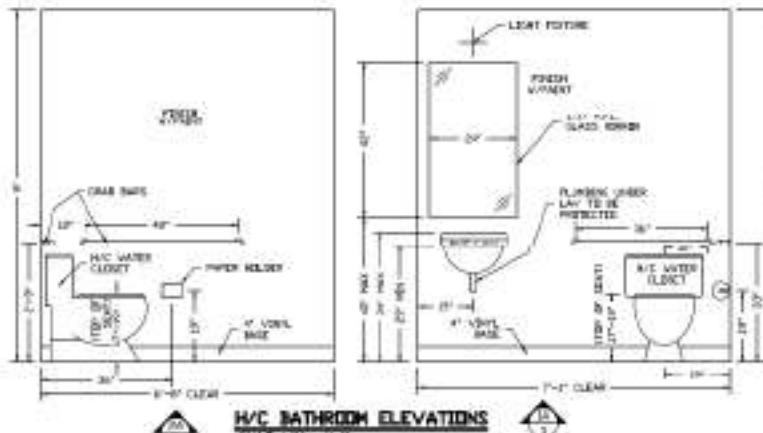
4 CONSTRUCTION JOINT



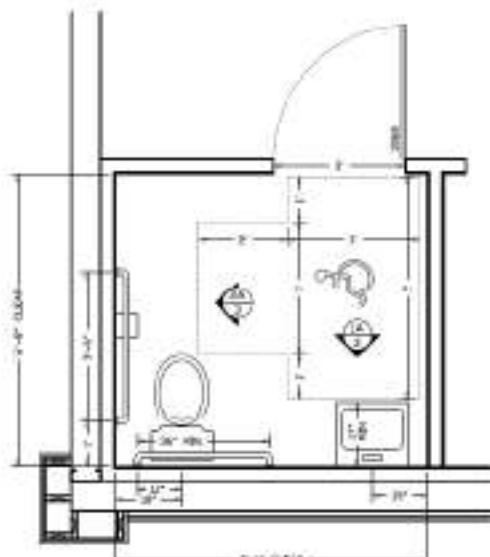
ACCEPTABLE ADA COMPLIANT TOILETS



AM. PLANT. 1969.



H/C BATHROOM ELEVATION



A TYP. HAC. TOILET ROOM PLAN
3 SCALE: 1'-0" - 1'-0"

FOUNDATION PLAN

STORAGE BUILDING

CITRUS COUNTY, FL

6

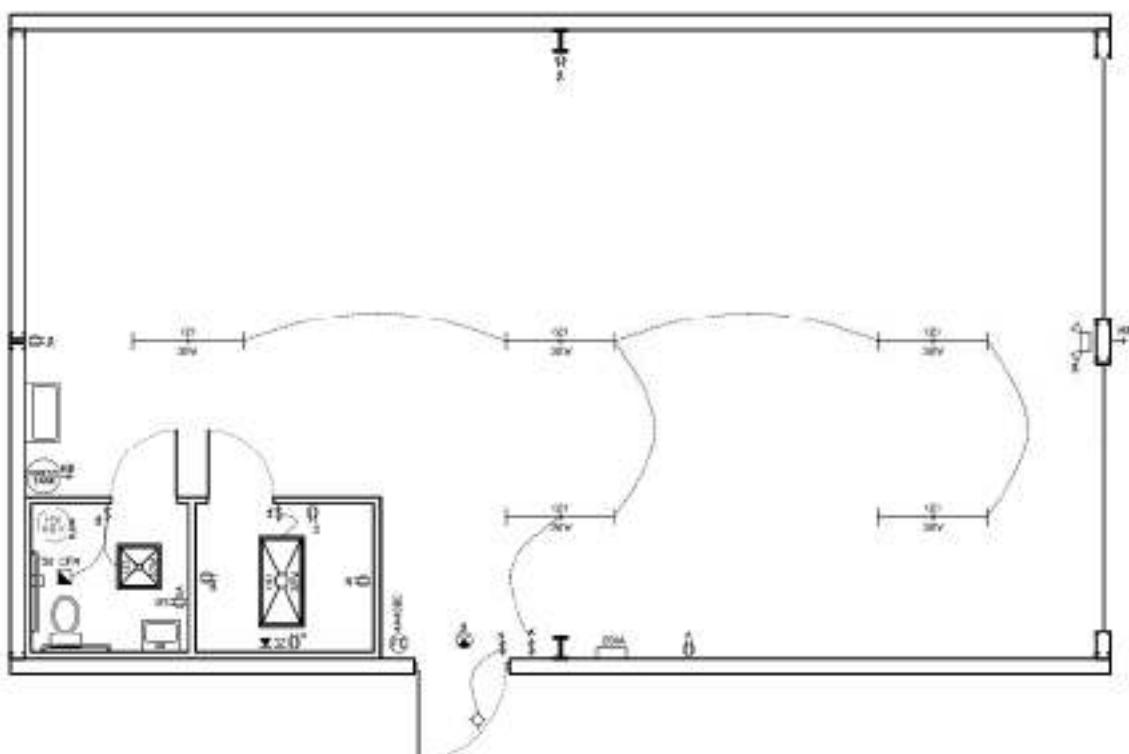
3

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| | |
|--------------|---------|
| DATE: | 6/16/11 |
| DRIVER (STT) | BBH |
| CDL NUMBER | 1A-114 |

Daniel F. Andrus, P.E.
Professional Engineer
Seth S. Planas, P.E.
SENIOR, P.E. 2006
TODD-ANDRUS

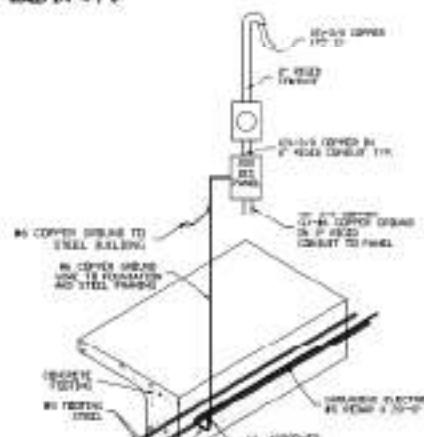
FOUNDATION PLAN



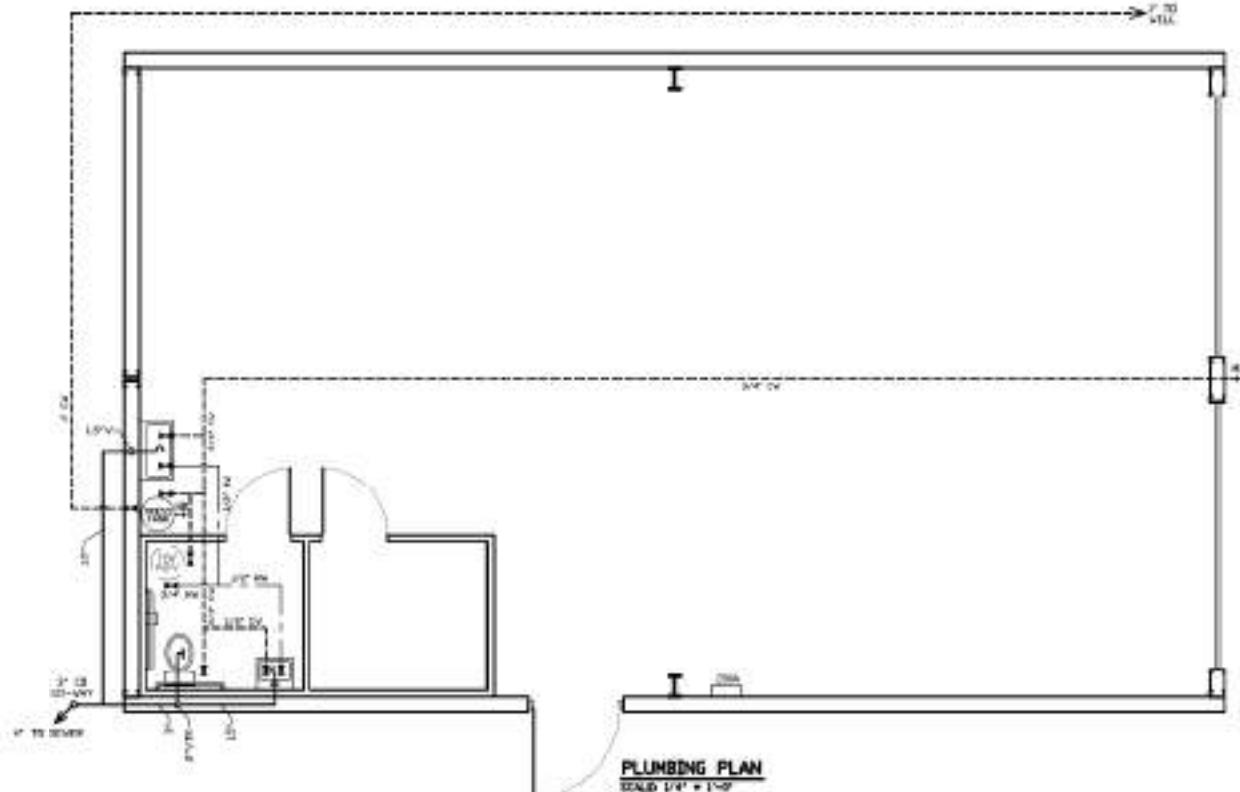
ELECTRICAL PLAN
SCALE 1/8" = 1'-0"

| ELECTRICAL LOAD CALCULATIONS | |
|---|---------------|
| CONTINUOUS LOAD | 0.00 |
| RESIDENTIAL LIGHTING & PLUG LOADS & VAC VALUET | 10,000 |
| SUM-RESIDENTIAL | 10,000 |
| SUM-TOTAL | 10,000 |
| NON-CONTINUOUS LOADS | 0.00 |
| REFRIGERATOR LOAD - 220V REFRIGERATOR & 200 VA INVERTER | 4,000 |
| WATER HEATER | 0.00 |
| SUM-TOTAL | 4,000 |
| HEAT LOAD | 0.00 |
| HVAC SYSTEM (FIREPLACE WALL UNIT) | 1,200 |
| WATER HEATER | 0.00 |
| SUM-TOTAL | 1,200 |
| WIRING | 0.00 |
| CONTINUOUS LOADS # LED | 0.500 |
| NON-CONTINUOUS LOADS 100% FOR 317 HOURS/yr | 4,000 |
| NON-CONTINUOUS LOADS 50% OF 400HRS/yr | 0.00 |
| HEAT LOAD # LED | 4,000 |
| TOTAL TOTAL | 29,500 |
| PERCENT OF 200 VOLTS X 200 AMP | 100% |

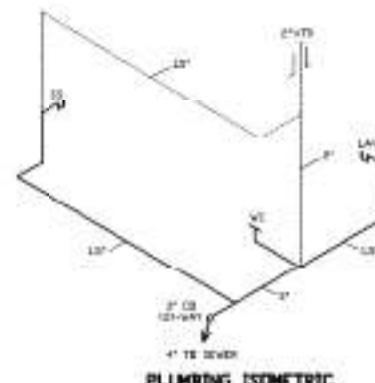
GROUNDING DETAIL 1-PHASE



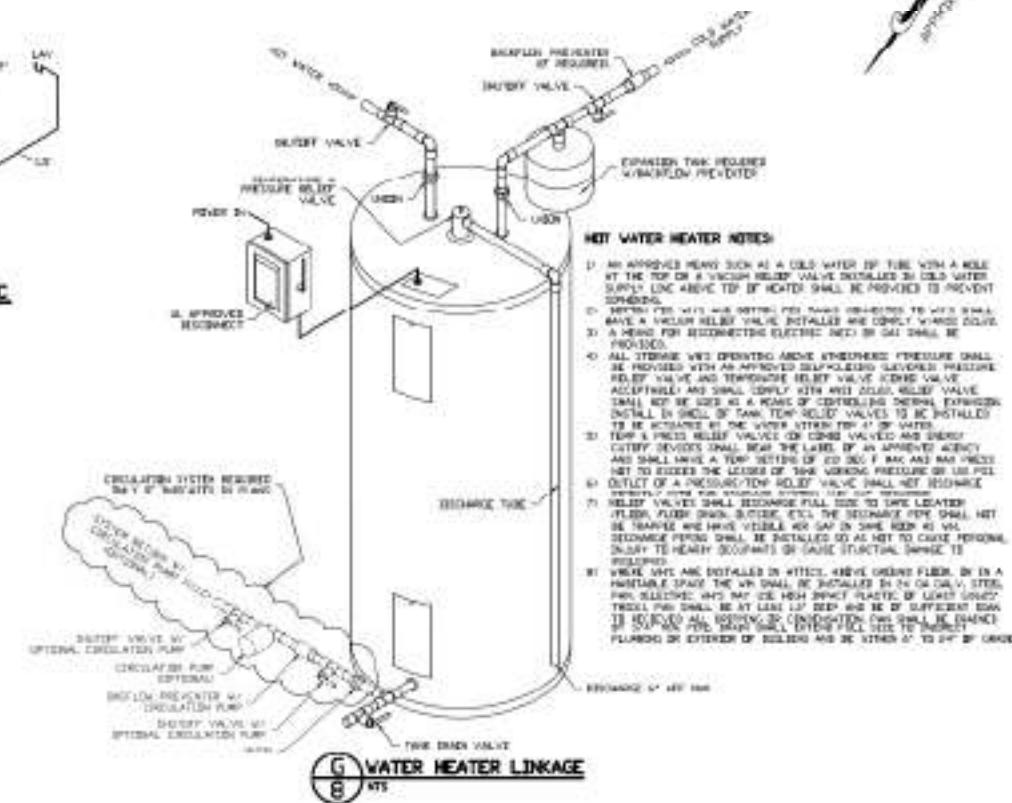
| PANEL-A | | | | 200 AMP | | |
|-------------|------|----------------|----------------|----------------|------|------------|
| LINe | TRIP | COPPER WIRE | DUCT NUMBER | COPPER WIRE | TRIP | LINe |
| INCERPTABLE | 20 | 60 | 1 | 20 | 20 | INCERTABLE |
| 2 | 20 | 60 | 2 | 20 | 20 | 2 |
| 3 | 20 | 60 | 3 | 20 | 20 | 3 |
| 4 | 20 | 60 | 4 | 20 | 20 | 4 |
| 5 | 20 | 60 | 5 | 20 | 20 | 5 |
| 6 | 20 | 60 | 6 | 20 | 20 | 6 |
| 7 | 20 | 60 | 7 | 20 | 20 | 7 |
| 8 | 20 | 60 | 8 | 20 | 20 | 8 |
| 9 | 20 | 60 | 9 | 20 | 20 | 9 |
| 10 | 20 | 60 | 10 | 20 | 20 | 10 |
| 11 | 20 | 60 | 11 | 20 | 20 | 11 |
| 12 | 20 | 60 | 12 | 20 | 20 | 12 |
| 13 | 20 | 60 | 13 | 20 | 20 | 13 |
| 14 | 20 | 60 | 14 | 20 | 20 | 14 |
| 15 | 20 | 60 | 15 | 20 | 20 | 15 |
| 16 | 20 | 60 | 16 | 20 | 20 | 16 |
| 17 | 20 | 60 | 17 | 20 | 20 | 17 |
| 18 | 20 | 60 | 18 | 20 | 20 | 18 |
| 19 | 20 | 60 | 19 | 20 | 20 | 19 |
| 20 | 20 | 60 | 20 | 20 | 20 | 20 |
| 21 | 20 | 60 | 21 | 20 | 20 | 21 |
| 22 | 20 | 60 | 22 | 20 | 20 | 22 |
| 23 | 20 | 60 | 23 | 20 | 20 | 23 |
| 24 | 20 | 60 | 24 | 20 | 20 | 24 |
| 25 | 20 | 60 | 25 | 20 | 20 | 25 |
| 26 | 20 | 60 | 26 | 20 | 20 | 26 |
| 27 | 20 | 60 | 27 | 20 | 20 | 27 |
| 28 | 20 | 60 | 28 | 20 | 20 | 28 |
| 29 | 20 | 60 | 29 | 20 | 20 | 29 |
| 30 | 20 | 60 | 30 | 20 | 20 | 30 |
| 31 | 20 | 60 | 31 | 20 | 20 | 31 |
| 32 | 20 | 60 | 32 | 20 | 20 | 32 |
| 33 | 20 | 60 | 33 | 20 | 20 | 33 |
| 34 | 20 | 60 | 34 | 20 | 20 | 34 |
| 35 | 20 | 60 | 35 | 20 | 20 | 35 |
| 36 | 20 | 60 | 36 | 20 | 20 | 36 |
| 37 | 20 | 60 | 37 | 20 | 20 | 37 |
| 38 | 20 | 60 | 38 | 20 | 20 | 38 |
| 39 | 20 | 60 | 39 | 20 | 20 | 39 |
| 40 | 20 | 60 | 40 | 20 | 20 | 40 |
| 41 | 20 | 60 | 41 | 20 | 20 | 41 |



PLUMBING PLAN



PLUMBING ISOMETRIC



— TRUE BRAIN VALVE
WATER HEATER LINKAGE

AN APPROPRIATE DEVICE SUCH AS A COLD WATER INLET TUBE WITH A ROLE AT THE TOP OR A VACUUM RELIEF VALVE INSTALLED IN COLD WATER SUPPLY LINE ABOVE THE TOP OF HEATER SHALL BE PROVIDED TO PREVENT OVERPRESSURE.

RELIEF VALVES SHALL HAVE SETTING PER TABLE PREVIOUSLY SET UP WHICH WILL MAINTAIN A VACUUM RELIEF VALVE INSTALLED AND CORRECTLY WORKS DURING A HEATING CYCLE FOR RECOMMENDED ELECTRIC HEAT OR GAS SHALL BE PROVIDED.

RELIEF VALVES SHALL BE OPERATED ABOVE STEAMER PRESSURE. PRESSURE SHALL BE PROVIDED WITH AN APPROPRIATE SIZE POLISHED STEAMER PRESSURE RELIEF VALVE AND TEMPERATURE RELIEF VALVE. KERNOV VALVE ACCEPTABLE AND SMALL COMPATIBLE WITH KERNOV RELIEF VALVE SHALL NOT BE USED AS A MEANS OF CONTROLLING STEAM EXPANSION. INSTALL IN HEATER OR IN TANK. TANK RELIEF VALVES SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION.

TYPE A RELIEF VALVE OR TYPE VALVE AND ENERGY CUTOFF DEVICES SHALL BEAR THE LABEL OF AN APPROVED AGENCY AND SHALL MAKE A TYPE CERTIFICATION OF 1000°F MAX AND MAX PRESSURE NOT TO EXCEED THE LEVERAGE OF THE WORKERS PRESSURE OR USE-POD OUTLET OF A PRESSURE-TEMP RELIEF VALVE. SHALL NOT BE SHOWN AS A KERNOV VALVE.

RELIEF VALVES SHALL DISCHARGE FULL FLOW TO THEIR LOCATED TUBING, FLUSH DRAIN, BOTTLE, ETC. THE DISCHARGE PIPE SHALL NOT BE SHARPE AND HAVE VISIBLE HERON DAY IN WHICH HEAT VALVE IS LOCATED PERIODICALLY. SHALL BE INSTALLED SO AS NOT TO CAUSE PERSONAL, PROPERTY OR ENVIRONMENTAL HAZARDS OR DAMAGE STRUCTURAL DAMAGE TO BUILDINGS.

VALVE, VALVE AND INSTALLED IN "T-TECH" ABSORBING FLUID. IS IN A HORIZONTAL SPACE. THE VR SHALL BE INSTALLED IN THE GLASS V. STICK VR SELECTED. WHIS WILL USE HIGH IMPACT PLASTIC OR LIGHT WEIGHT MATERIAL. THE VR SHALL BE AT LEAST 12" DEEP AND BE OF SUFFICIENT SIZE TO REMOVE AND REPLACE THE VR. THE VR SHALL BE SECURED TO THE SURFACE PLUMBING OR EXTERIOR OF BUILDINGS AND BE EITHER AT 12" OR 18" FROM

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STORAGE BUILDING
CITRUS COUNTY, FL

ELECTRICAL PLAN

DATE: 6/8/11
TIME: 10:45 AM - 11:11 AM
WEEK: Week 14

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1

GENERAL NOTES

- ALL CONSTRUCTION WORK IS TO BE IN ACCORDANCE WITH FLORIDA BUILDING CODE-2006, AND FLORIDA PLUMBING CODE-2006, AND FLORIDA ELECTRICAL CODE-2006, AND FLORIDA RESIDENTIAL CODE-2006, AND FLORIDA ACCESSIBILITY CODE-2006, AND FLORIDA ENERGY CODE-2006, AND FLORIDA GREEN HOME-2006, AND FLORIDA FIRE PREVENTION CODE-2006, AND FLORIDA ELEVATOR CODE-2006, AND FLORIDA FAIR CONTRACTORS CODE-2006.
- THESE SPECIFICATIONS HAVE BEEN PREPARED WITH THE ASSUMPTION THAT ALL EXTERIOR WILL BE INSTALLED BY QUALIFIED PROFESSIONALS LICENSED IN THE STATE OF FLORIDA FOR THE TYPE OF INSTALLATION REQUESTED.
- ALL TRADES ARE RESPONSIBLE FOR THE PROPER INSTALLATION OF THEIR PARTICULAR TRADE, AND CERTAIN TRADES AND EQUIPMENT MAY NOT SHOW ALL TRADE REQUIREMENTS FOR COMPLETE INSTALLATION PER CODE.
- FLORIDA PLUMBING AND ELECTRICAL SYSTEMS MAY BE DESIGNED BY CONTRACTOR PER FLORIDA PLUMBING CODE-VIA-2006 AND THE ELECTRICAL CODES AS LISTED IN THE ALABAMA BUILDING CODE-2006, FLORIDA PLUMBING CODE-VIA-2006 AND FLORIDA ELECTRICAL CODE-LATEST EDITION.

The following portions are not required to be leaded under the provisions of this chapter as a licensed engineer:

- ANY ELECTRICAL, PLUMBING, AIR-CONDITIONING, OR MECHANICAL CONTRACTOR WHOSE PRACTICE INCLUDES THE DESIGN OR FABRICATION OF ELECTRICAL, AIR-CONDITIONING, OR MECHANICAL SYSTEMS, RESPECTIVELY, WHICH THE OWNER OR CONTRACTOR BY VIRTUE OF A LICENSE TAKES UNDER CHAPTER 480, UNDER PART I OF CHAPTER 601, OR UNDER ANY SPECIAL ACT OR ORDINANCE WHEN WORKING ON ANY CONSTRUCTION PROJECT.
- DESIGNS AN ELECTRICAL OR PLUMBING AIR-CONDITIONING AND REFRIGERATION SYSTEM WITH A VALUE OF \$1000 OR LESS.
- (A) REQUIRES AN AGGREGATE SERVICE CAPACITY OF 600 AMPS OR ONE VOLTS OR LESS, OR A COMBINATION OF 600 AMPS OR ONE VOLTS AND 200 AMPS OR LESS, ON A COMBINATION OF PLUMBING/ELECTRICAL SYSTEM.
- REQUIRES A PLUMBING SYSTEM WHICH HAS TWO VALVES UNLESS IT IS DESIGNED AS A HEATING, VENTILATION, AND AIR-CONDITIONING SYSTEM NOT TO EXCEED 100-PEAK-DEMAND, OR IF THE PROJECT DESIGNS TO ACCOMMODATE 100 OR FEWER PERSONS.

CONSTRUCTION

- ALL PROPERTY LOCATED SURFACES, PAINTING, UNDERPINNING, ETC. AS REQUIRED BY CONTRACTOR, OR THE CONTRACTOR'S SUB-CONTRACTOR, TO MAINTAIN EXISTING STRUCTURE AND SURFACES, TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION.
- NO FIELD NOTATIONS TO ANY STRUCTURAL COMPONENT SHALL BE MADE, WHETHER APPROVAL BY THE ENGINEER, THIS DOCUMENT, OR BY ANY OTHER CONSTRUCTION DRAWINGS.
- DRAINS, ALL WALLS, BATH, CONSTRUCTION TO PREVENT DAMAGE FROM WIND, WATER, DRAFT PRESSURE AND CONSTRUCTION LOADS UNTIL ALL SUPPORTING ELEMENTS ARE IN PLACE AND AT SATISFACTION STRENGTH.
- NO DRIVING SHALL BE PLACED IN ANY STRUCTURAL MEMBER UNLESS IT IS INDICATED IN HIGHLIGHTS AND DRAWN IN UNCEASING LINE. THE DRAWER HAS BEEN APPROVED BY THE STRUCTURAL ENGINEER.
- PROVIDE SCAFFOLDING UNTIL ALL EXPOSED CONCRETE POURING THROUGH THE CONSTRUCTION PHASE AND TRANSITION PHASES UNTIL ALL EXPOSED CONCRETE IS FINISHED AND TROWELLED.
- STRUCTURAL DRAWINGS ARE TO BE CERTIFIED AND COPIED IN CONJUNCTION WITH THE MECHANICAL, ELECTRICAL, PLUMBING, SITE MECHANICAL, BRACERS, FOR EXTERIOR PANEL BASES, SUPPORTS AND SUCI PENETRATORS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-2006.

SHOP DRAWINGS

- ALL EXPOSED SURFACE SHALL BE PAINT TO APPROXIMATELY 1000 SQ FT. PER DRAWING. NO FABRICATION IS TO PROCEED WITHOUT APPROVED SHOP DRAWINGS.
- SHOP DRAWINGS SHALL BE SUBMITTED SUCH THAT A MINIMUM OF 10 DAYS IS ALLOWED FOR REVIEW BY THE ENGINEER.
- FOUNDATION
- FOUNDATION DESIGN IS BASED ON THE USE OF FOOTING AT A MAXIMUM DEPTH OF 7.00 FEET PER SQUARE FOOT. THE SUBGRADE IS TO BE VERIFIED BY A GEOTECHNICAL ENGINEER FOR SUITABILITY. IF SOIL CONDITIONS DO NOT PROVIDE THIS MINIMUM VALUE, THE ENGINEER MAY APPROVE ANOTHER DESIGN.
- SHOULD DESIGN CALL FOR OTHER INSOLUBLE BEARING CONDITIONS BE ENCOUNTERED DURING EXCAVATION, NOTIFY THE ENGINEER BEFORE CONTINUING WITH CONSTRUCTION.
- THE CONTRACTOR MUST PROVIDE SURFACE BARRIER AND CAPPING TO PROTECT ALL EXCAVATION FROM FLOODING. DRAINING OF ANY EXCAVATION AFTER APPROVAL OF THE SUBGRADE WILL BE CAUSE FOR COMPLETE RE-PREPARED AND RE-PROOFING OF THE SUBGRADE.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY WATER FROM PENETRATING ANY FLOORING OR SLAB FURNACE DURING AND AFTER THE POURING OF CONCRETE AND THAT SUCH SUBGRADE IS FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE.
- ALL STAIRS-ON-SLICE SHALL BE PLACED ON A 2' COMPACTED SAND BED OVER A 1/4" NYLON FILM. ONCE THE CONCRETE POUR IS COMPLETE, THE FILM SHOULD HAVE A MAX OF 10% OF THE HOLLOW POURER DENSITY AT THE NO HOLLOW SPECIFICATION IS MET.

STRUCTURAL CONCRETE

- PROVIDE CONCRETE TO OBTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:
 - 1. FORTRESS 3000 PSI
 - 2. SLATE OR GRANITE 3000 PSI
- CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH APPROPRIATE BUILDING CODE REQUIREMENTS FOR CONCRETE AND ACI-318 LATEST EDITION SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
- THE MINIMUM CONCRETE COVER SHALL BE IN ACCORDANCE WITH ACI-318-14, SECTION 11.
- BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE PLASTIC TYPES. ALL ACCESSORIES SHALL BE GALVANIZED.
- PROVIDE SPACERS, CHOKES, BOLSTERS, ETC. AS REQUIRED AND NECESSARY TO ASSURE PLATE AND SUPPORTS ARE SUPPORTED IN A PLANE, AND WIRE AND TIE, IN CONFORMITY WITH CODE REQUIREMENTS.
- ALL CONCRETE SHALL CONTAIN AN APPROVED WATER REDUCING PLASTICIZING ADDITIVE. ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN APPROVED NON-EXPANSIVE ADDITIVE. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE NO WATER SHALL BE ADDED AT THE JOB SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN AND CONSTRUCTION OF ALL FORMWORK, SHEARS AND REINFORCING. PROVIDE COMMERCIAL FORM CONCRETE COMPRESSED WITH 1000 PSI RECOMMENDATIONS.

VIBRATION IS TRANSMITTED CONCRETE VIBRATOR FOR STRUCTURAL CONCRETE.

- NO GROUT SHOT OR SMALL BE PERMITTED FOR STRUCTURAL CONCRETE.

REINFORCING STEEL

- ALL REINFORCING STEEL SHALL CONFORM TO STANDARDS OF ASTM A615 OR A615-STEEL GRADE 40 UNLESS OTHERWISE.
- ALL WELDED WIRE FABRIC SHALL CONFORM TO STANDARDS OF ASTM A653.
- ALL PRESTRESSED REINFORCEMENT SHALL CONFORM TO PRINCIPLES OF PRESTRESS FOR EXTERIOR REINFORCED CONCRETE STRUCTURES ACI-318, UNLESS RETAINED OTHERWISE IN THE DRAWINGS.

ROOF OPENINGS

- ALL THE IDEAL LOCATION AND POSITION OF ROOF OPENINGS PRIOR TO FABRICATION AND EJECTION OF ROOF FRAMES MEMBERS.

STUCCO

- ALL EXTERIOR STUCCO SHALL BE APPLIED IN 20-OA-GAUGE TO THE MASONRY SURFACES.

EXTERIOR DOORS

- ALL EXTERIOR DOORS SHALL HAVE BUTTER SWEEPS & FULL WEATHER STRIPPING.

ELECTRICAL NOTES

- ALL VOLTAGE SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES.
- ALL CONDUCTORS SHALL BE COPPER THERMALLY INSULATED.

- ALL ELECTRICAL, PLUMBING, AIR-CONDITIONING, OR MECHANICAL CONTRACTOR WHOSE PRACTICE INCLUDES THE DESIGN OR FABRICATION OF ELECTRICAL, AIR-CONDITIONING, OR MECHANICAL SYSTEMS, RESPECTIVELY, WHICH THE OWNER OR CONTRACTOR BY VIRTUE OF A LICENSE TAKES UNDER CHAPTER 480, UNDER PART I OF CHAPTER 601, OR UNDER ANY SPECIAL ACT OR ORDINANCE WHEN WORKING ON ANY CONSTRUCTION PROJECT.

- DESIGNS AN ELECTRICAL OR PLUMBING AIR-CONDITIONING AND REFRIGERATION SYSTEM WITH A VALUE OF \$1000 OR LESS.

- (A) REQUIRES AN AGGREGATE SERVICE CAPACITY OF 600 AMPS OR ONE VOLTS OR LESS, OR A COMBINATION OF 600 AMPS OR ONE VOLTS AND 200 AMPS OR LESS, ON A COMBINATION OF PLUMBING/ELECTRICAL SYSTEM.

- REQUIRES A PLUMBING SYSTEM WHICH HAS TWO VALVES UNLESS IT IS DESIGNED AS A HEATING, VENTILATION, AND AIR-CONDITIONING SYSTEM NOT TO EXCEED 100-PEAK-DEMAND, OR IF THE PROJECT DESIGNS TO ACCOMMODATE 100 OR FEWER PERSONS.

ABA COMPLIANCE NOTES

- ALL ABA-COMPLIANT EQUIPMENT SHALL BE INSTALLED IN STREET COMPLIANCE WITH FLORIDA ACCESSIBILITY CODE-2006 AND APPROPRIATE REQUIREMENTS.
- ALL WATER FAUCETS SHALL BE INSTALLED WITH FLUSH OR CENTER SURFACE NO HIGHER THAN 34-1/2" CLEARANCE TO CENTER OF ARM CHROME, BATH, KITCHEN, LAUNDRY, ETC. IF PROVIDED THEN AT LEAST CENTER OF ARM SHALL BE 34-1/2" AFF.
- ALL CLOSET FLUSH SPACES SHOWN IN PLANS SHALL BE PROVIDED WITHOUT ENCROACHMENT UNLESS SPECIFICALLY NOTED OTHERWISE.
- IT IS THE RESPONSIBILITY OF OWNER TO DISBURSEMENT ABA-COMPLIANT EQUIPMENT.

H/C STALL CONSTRUCTION

- IF THE DISTANCE FROM BACK WALL OF TOILET TO WALL IN FRONT OF TOILET IS LESS THAN A 1/2" VAIL, HUNG TOILET IS REQUIRED.
- TOILET ARM SUPPORTS SHALL BE STAINLESS STEEL AND INSTALLED WITHIN REACH OF 36" AFF. DIMENSIONS THAT CANVAS DELIVERY OR DO NOT FORGE CONTINUOUS PAPER BACK, NET, NOT 2X3.
- WALL SHEET SHALL BE INSTALLED IN LEGACIES AT 18-OA-GAUGE. ALL SHEET AND SHEET FAUCET SHALL BE 34-1/2" AFF.
- MIRRORS IN H/C BATHROOMS TO BE 1/4" PLATE GLASS AT HIGH & 1/4" VENEER HEATED AT 34-1/2" AFF.
- PROVIDE A 1/4" THICKNESS STEEL TRIM FOR WALL.
- IN STALL THAT DO NOT EXCEED 48" DEEP IN DEPTH THE FRONT PARTITION AND AT LEAST 1/2" DEEP PARTITION SHALL HAVE A 1/2" CLEARANCE OF 34-1/2" AFF.

H/C WATER CLOSETS (TOILETS)

- WATER CLOSET SHALL HAVE HEIGHT OF 21" TO 30" TO TOP OF TOILET SEAT. SEATS SHALL NOT BE PIVOT TO RETURN TO A LUTHER POSITION.
- FLUSH CONTROL SHALL BE HUNG INSTALLED OR AUTOMATIC FLUSH CONTROLS FOR FLUSH. VALVES SHALL BE POSITIONED ON THE SIDE OF TOILET SEAT NO HIGHER THAN 34-1/2" AFF.

H/C DOORS BATHROOM & EXPRESS FOR ENTIRE BUILDING

- TOILET STALL AND TOILET ROOM ENTRANCE DOOR SHALL BE SELF CLOSING AND SHALL NOT SWING. DATA REQUIRED CLEAR SPACE OF ANY FIXTURE DOOR SHALL HAVE A CLEAR SWINGING SPACE OF 34-1/2" AFF. IF THERE IS A SWINGING DOOR, THE SWINGING DOOR CLOSER DEVICE SHALL BE CALIBRATED SO IT TAKES A MAX OF 2 SEC TO CLOSE. FREE CLOSER POSITION OF 34-1/2" AFF.
- HUNG/SPRING FORCE OF NO ACCESSIBLE DOOR SHALL BE AS PIVOT-DOOR FORCE. DOORS NOT INCLUDE THE EXTRA FORCE REQUIRED FOR LATENT OPERATION. EXTERIOR SWING DOOR - 32 LB. MAX. EXTERIOR SWING DOOR - 32 LB. MAX. SWING OR SWINGING DOOR - 32 LB. MAX.
- NO ACCESSIBLE DOOR PIVOTS, SWINGS, SWINGS, ETC. SHALL NOT REQUIRE SWINGING DOOR PIVOTS OR TWISTS OF THE DOOR TO OPEN. DOOR SWING SHALL NOT REQUIRE MORE THAN 34-1/2" AFF. NO ACCESSIBLE DOOR PIVOTS, SWINGS, ETC. SHALL NOT REQUIRE MORE THAN 34-1/2" AFF.
- FAUCET HARDWARE OF REQUIRED SHALL EXIST AT LEAST 18" IF THE WIDTH OF DOOR AND SWING IN TOTAL. SWING VALVE IS TO SWING THE FAUCET.

- PROVIDE FAUCET FAUCET FOR CONTROL. VARIOUS AS REQUIRED.
- PROVIDE FAUCET FAUCET FOR CONTROL. VARIOUS AS REQUIRED.
- ALL ELECTRICAL EQUIPMENT SITUATED IN IN-VIT LOUNGE SHALL BE IN HIGH-OR WEATHER PROOF.

PLUMBING NOTES

- COORDINATE ALL PIPING INSTALLED WITH ALL OTHER TRADES PRIOR TO INSTALLED. ROUTE ALL PIPES TO AVOID BACKWALL, ELECTRICAL PIPING AND BUILDING STRUCTURE. IF PIPING MUST CROSS, ROUTE PIPING SO AS NOT TO DAMAGE PIPING AND ELECTRICAL. HOLLOW CORE CONCRETE PIPING SHOULD NOT BE PLACED IN DIRECT CONTACT WITH STRUCTURAL STEEL.

- PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHAMPS OR ABOVE INHACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

- INSTALL WATER HAMMER ARRESTERS AT EACH FIXTURE OR BATTERY OF FIXTURES. WATER HAMMER ARRESTERS SHALL BE FACTORY-FABRICATED. INSTALL ARRESTERS AND PIPING FOR PLUMBING AND SANITARY PIPING MATERIALS FROM THE MANUFACTURER - SEE CRED. JEAN, J. & SETH. WATTS AND LS SERIES, WHICH ARE CHARBERS ARE NOT ACCEPTABLE.

- ALL PLUMBING INSTALLATION AND MATERIALS SHALL BE IN STREET ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND APPLICABLE STANDARDS. REGULATIONS AND AUTHORITYAVING JURISDICTION OVER THIS PROJECT.

- PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHAMPS OR ABOVE INHACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

- INSTALL WATER HAMMER ARRESTERS AT EACH FIXTURE OR BATTERY OF FIXTURES. WATER HAMMER ARRESTERS SHALL BE FACTORY-FABRICATED. INSTALL ARRESTERS AND PIPING FOR PLUMBING AND SANITARY PIPING MATERIALS FROM THE MANUFACTURER - SEE CRED. JEAN, J. & SETH. WATTS AND LS SERIES, WHICH ARE CHARBERS ARE NOT ACCEPTABLE.

- SITE CONNECTION SHALL BE PROVIDED BY LEVEL SITE UTILITIES PIPING. ALL SERVICES FROM THE SITE PLANT TERMINATE 5'-0" FROM BUILDING. UNLESS SPECIFIC REQUIREMENT OR DRAWING, THE CONTRACTOR SHALL HAVE ALL PIPING SERVICES CONNECTED TO SITE UTILITIES.

- DRAINAGE PIPES SHALL SLOPE NO LESS THAN 34-1/2" FALL PER FOOT.

- PURCHASE AND INSTALL HIDE RINGS IN ABOVE FINISHED CEILINGS.

- SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, HEIGHTS, DIMENSIONS, AND APPROPRIATE REQUIREMENTS.

- MEDIUM DIA PLUMBING AND FIXTURES ARE TO BE CONNECTED TO HIGH DIA PLUMBING AND FIXTURES.

- PLUMBING CONTRACTOR SHALL INSTALL RE-ELECTRIC VALVES AT ALL CONNECTIONS OF IRREGULAR METALS.

- BLOW-IN WATER AND SUPPLY TO SPECIAL EQUIPMENT IN DIRECT ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED. INSTALL VACUUM BREAKERS WHERE REQUIRED BY CODE.

- ALL WATER PIPES INSTALLED IN EXTERIOR WALLS SHALL BE PLACED ON THE INTERIOR SIDE OF THE WALL. THE WALL INSULATION SHALL BE PLACED ON THE EXTERIOR SIDE OF THE WALL.

- DO NOT PENETRATE WALL INSULATION WITH PIPES. WHERE ABSOLUTELY NECESSARY, COORDINATE WITH GENERAL CONTRACTOR TO DROP PIPING FOR ELEVATED STOCK WALL PENETRATIONS.

- AFTER SETTING LAUNDRY, CAREFULLY CAULK THE JOINT BETWEEN FIXTURE AND WALL WITH TUBING.

- ALL UNDERGROUND WATER PIPES SHALL HAVE TWO 10' LENGTHS OF INTRAPVC.

- ALL SANITARY, SOIL, WASTE, VENTS AND DRAINAGE LINES SHALL BE IN SCHEDULE 40 PVC OR AS REQUIRED FOR A SPECIFIC USE.

- INSTALL ECLIPSING AT ALL EXPOSED WALL AND CEILING PIPE PENETRATIONS.

- INSTALL ALL CLEANOUTS AS SHOWN IN DRAWINGS AS REQUIRED BY CODE.

- TEST PIPING SHALL BE AS FOLLOWS:

- SANITARY LINES - TEST STREAM WITH A MIN. 24-FT HYDROSTATIC PRESSURE FOR A MIN. OF 24-HOURS.

- DOMESTIC WATER PIPING TEST SYSTEM WITH A MIN. OF 100 PSI HYDROSTATIC PRESSURE FOR A MIN. OF 24-HOURS.

- WATER OR WASTERS TRAP, HOUSE WIRE TRAP.

- WATER SHOWER TRAP, HOUSE WIRE TRAP.

- WATER SHOWER TRAP, HOUSE WIRE TRAP.

H/C BATHROOM LAVATORIES

- ALL ABA-COMPLIANT EQUIPMENT SHALL BE INSTALLED IN STREET COMPLIANCE WITH FLORIDA ACCESSIBILITY CODE-2006 AND APPROPRIATE REQUIREMENTS.
- LAUNDRY SHEET SHALL BE HUNG WITH FLUSH OR CENTER SURFACE NO HIGHER THAN 34-1/2" AFF. CLEARANCE TO CENTER OF ARM SHALL BE AT LEAST CENTER OF ARM SHALL BE 34-1/2" AFF.
- HOT WATER FAUCET UNDER LAUNDRY SHEET SHALL BE REGULATED OR CONTROLLED TO PREVENT AGAINST CONTACT. THERE SHALL BE AT LEAST ANOTHER SURFACE UNDER LAUNDRY SHEET SPECIFICALLY NOTED OTHERWISE.
- LAUNDRY FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE THAT GRASPING FAUCET OR TWISTING OF THE WRIST. THE FAUCET REQUIRED TO OPERATE THE FAUCET SHALL BE 34-1/2" AFF. SELF CLOSING VALVES ARE INSTALLED. THE FAUCET SHALL BE 34-1/2" AFF. FROM THE FAUCET.

H/C MOUNTING HEIGHTS FOR VARIOUS COMPONENTS

- | ITEM | MIN. AFF. (INCHES) | MAX. AFF. (INCHES) |
|---------------------|--------------------|--------------------|
| EYE BOWL | 30" | 34" |
| TOILET SEAT | 17" | 24" |
| TOILET FLUSH | 30" | 34" |
| TOILET PAPER HOLDER | 30" | 34" |
| TOILET TISSUE | 30" | 34" |