

GENERAL NOTES:

- 1. ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION. AT LEAST 50% OF PUBLIC ENTRANCES (INCLUDING PRIMARY ENTRANCES) AND ALL REQUIRED EXITS MUST BE ACCESSIBLE.
2. ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE MOUNTED LOCKS SHALL NOT BE USED.
3. ALL GLAZING WITHIN A 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
4. FLOOR DESIGN LIVE LOAD - 100 PSF (CORRIDORS & LOBBIES); 50 PSF (REMAINDER).
5. MAXIMUM WIND SPEED - 130 MPH (EXP. B).
6. OCCUPANCY IS BUSINESS.
7. OCCUPANT LOAD: 35 OCCUPANTS IS BASED ON 1 PERSON PER 100 SQUARE FEET OF FLOOR AREA FOR MEANS OF EGRESS PURPOSES.
8. CONSTRUCTION IS TYPE I-B, UNPROTECTED.
9. ALL STEEL STRIPS REFERENCED ON FLOOR PLAN SHALL BE 1.5 INCH X 26 GA. W/(Ø) 15 GA. X 7/16 INCH CROWN X 1/2 INCH STAPLES WITH A MINIMUM OF 1" PENETRATION EACH END OF STRIP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR.
10. MINIMUM CORRIDOR WIDTH IS 44 INCHES.
11. MINIMUM CORRIDOR FINISH IS CLASS B (GYPSUM).
12. WINDOW AND DOOR HIGH WIND STORM COVERINGS PER CODE TO BE SUPPLIED AND SITE INSTALLED BY OTHERS SUBJECT TO LOCAL JURISDICTION AND APPROVAL.
13. PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S. TO BE DONE BY THE LOCAL FIRE SAFETY INSPECTOR.
14. PORTABLE FIRE EXTINGUISHER PER N.F.P.A. - 101 INSTALLED BY OTHERS ON SITE, AND SUBJECT TO LOCAL JURISDICTION AND APPROVAL. THIS BUILDING REQUIRES A FIRE SEPARATION DISTANCE OF GREATER THAN OR EQUAL TO 30 FEET.
15. WHEN LOW SIDE OF ROOF PROVIDES LESS THAN 6" OF OVERHANG GUTTERS AND DOWNSPOUTS WILL BE REQUIRED, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION. IN WIND BORNE DEBRIS REGIONS, EXTERIOR GLAZING SHALL BE PROTECTED WITH AN IMPACT RESISTANT COVERING OR WITH MINIMUM 7/16" WOOD STRUCTURAL PANELS PER SECTION 1808.1.4 OF THE FBC. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED PER TABLE 1808.1.4. THE IMPACT RESISTANT COVERING OR WOOD STRUCTURAL PANELS ARE TO BE PROVIDED ON SITE BY THE BUILDING OWNER, SUBJECT TO LOCAL JURISDICTION AND APPROVAL. WIND BORNE DEBRIS REGIONS ARE AREAS WITHIN ONE MILE OF THE COASTAL MEAN HIGH WATER LINE WHERE THE BASIC WIND SPEED IS 110 MPH OR GREATER AND AREAS WHERE THE BASIC WIND SPEED IS 120 MPH OR GREATER.
16. ALL MATERIALS USED IN THE CONSTRUCTION OF THE BUILDING WHICH ARE COVERED BY THE FLORIDA BUILDING COMMISSION CHAPTER 98-72 RULES SHALL HAVE CURRENT FLORIDA PRODUCT APPROVAL.
17. THESE PLANS COMPLY WITH THE LATEST FBC CHANGE DATED OCTOBER 1, 2004.
18. THE RAISED SEAL SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY DCA.

MECHANICAL NOTES:

- 1. ALL SUPPLY AIR REGISTERS SHALL BE 12 INCHES X 12 INCHES ADJUSTABLE W/10 INCHES X 20 INCHES (INSIDE) OVERHEAD FIBERGLASS DUCT, UNLESS OTHERWISE SPECIFIED. DUCTS LOCATED IN VENTILATED ATTIC SPACES SHALL HAVE AN R-5 INSULATION VALUE. DUCTS LOCATED IN UNCONDITIONED INTERIOR SPACE. INTERIOR SPACES SHALL HAVE AN R-4.2 INSULATION VALUE.
2. RESTROOM VENT FANS SHALL PROVIDE 75 CFM MINIMUM PER WATER CLOSET AND/OR URINAL.
3. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
4. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH INTAKES PROVIDING 20 CFM FOR EACH OCCUPANT OR 75 CFM FOR EACH WATER CLOSET AND EACH URINAL, WHICH-EVER IS GREATER.

ELECTRICAL NOTES:

- 1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
2. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 8 INCHES FROM "STORAGE AREA" AS DEFINED BY NEC 410-8(c).
3. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
4. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
5. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
6. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
7. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTORS.
8. REFERENCE STATE APPROVED PACKAGE FOR ELECTRICAL RISER DIAGRAM.
9. FIRE ALARM PULL STATION OPERABLE DEVICE SHALL BE LOCATED 42 TO 46 INCHES ABOVE THE FLOOR. FIRE ALARM HORN/STROBE DEVICE SHALL BE WALL MOUNTED WITH THE BOTTOM EDGE 80 INCHES ABOVE THE FLOOR.
10. EXTERIOR LIGHTS NOT INTENDED FOR 24 HOUR USE AND SHALL BE CONNECTED TO A PHOTOCELL OR TIMER.
11. ALL RECEPTACLES INSTALLED IN NET LOCATIONS (EXTERIOR) SHALL BE IN WEATHER PROOF (W.P.) ENCLOSURES. THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.

PLUMBING NOTES:

- 1. WHEN DRINKING WATER FACILITIES ARE NOT SHOWN ON FLOOR PLAN, THE BUILDING MANUFACTURER SHALL SHIP LOAD A BOTTLED WATER DISPENSER WITH BUILDING FOR FIELD INSTALLATION BY OTHERS.
2. TOILETS SHALL BE ELONGATED WITH NON-ABSORBENT OPEN FRONT SEATS.
3. RESTROOM WALLS SHALL BE COVERED WITH NON-ABSORBENT MATERIAL TO A MINIMUM HEIGHT OF 48 INCHES A.F.F. AND 72 INCHES IN SHOWERS.
4. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
5. WATER HEATER SHALL HAVE SAFETY PAN WITH 1 INCH DRAIN TO EXTERIOR, T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUT OFF VALVE WITHIN 3 FEET ON A COLD WATER SUPPLY LINE.
6. DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
7. WATER SUPPLY LINES SHALL BE POLYBUTYLENE, CPVC, OR COPPER. WHEN POLY-BUTYLENE SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IS 180° F. THE POLYBUTYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
8. WATER CLOSETS ARE TANK TYPE AND URINALS ARE FLUSH TANK TYPE UNLESS OTHERWISE SPECIFIED.
9. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT, INSULATION OR PROTECTION MATERIAL MAY BE SITE INSTALLED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES AND SINKS.
10. ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS (i.e. LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED).
11. WHERE MIRRORS ARE PROVIDED IN RESTROOM, AT LEAST ONE SHALL BE PROVIDED WITH ITS BOTTOM EDGE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR.
12. WHERE MEDICINE CABINETS ARE PROVIDED, AT LEAST ONE SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES ABOVE THE FLOOR.
13. GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.25 INCHES TO 1.5 INCHES IN DIAMETER WITH 1.5 INCHES CLEAR SPACE BETWEEN THE BAR AND THE WALL.
14. TOILET STALL DOORS SHALL BE THE SELF-CLOSING TYPE.
15. A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.
16. WATER CLOSET FLUSH CONTROL SHALL BE MOUNTED ON THE WIDE SIDE OF THE CLOSET.

ACCESSIBILITY NOTES:

- 1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE.
2. ACCESSIBLE DRINKING FOUNTAINS SHALL HAVE A SPOUT HEIGHT NO HIGHER THAN 38 INCHES ABOVE THE FLOOR AND EDGE OF BASIN NO HIGHER THAN 34 INCHES ABOVE THE FLOOR FOR INDIVIDUALS IN WHEELCHAIRS. ADDITIONALLY, DRINKING WATER PROVISIONS SHALL BE MADE FOR INDIVIDUALS WHO HAVE DIFFICULTY IN BENDING.
3. WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, AND DRAWERS ARE PROVIDED AT LEAST ONE OF EACH TYPE PROVIDED SHALL CONTAIN STORAGE SPACE COMPLYING WITH THE FOLLOWING: DOORS, ETC. TO SUCH SPACES SHALL BE ACCESSIBLE (i.e. TOLLER LATCHES, U-SHAPED PULLS). SPACES SHALL BE WITHIN 15 INCHES MINIMUM AND 48 INCHES MAXIMUM OF THE FLOOR FOR FORWARD REACH OR 9 INCHES MINIMUM AND 54 INCHES MAXIMUM OF THE FLOOR FOR SIDE REACH; CLOTHES RODS SHALL BE A MAXIMUM OF 54 INCHES ABOVE THE FLOOR (48 INCHES MAXIMUM WHEN DISTANCE FROM WHEELCHAIR TO RODS IS 10 INCHES).
4. CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN 48 INCHES ABOVE THE FLOOR FOR FRONT APPROACH OR 54 INCHES ABOVE THE FLOOR FOR SIDE APPROACH. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
5. WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER.
6. DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (i.e. LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FLOOR.
7. ALL DOORS SHALL BE OPENABLE BY A SINGLE EFFORT. THE MAXIMUM FORCE REQUIRED TO OPEN A DOOR SHALL NOT EXCEED 5.0 LBS. FOR EXTERIOR SWINGING DOORS AND 8 LBS. FOR ALL SLIDING, FOLDING, AND INTERIOR SWINGING DOORS.
8. FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 0.5 INCH REQUIRE RAMP. CARPET TILE THICKNESS SHALL BE 0.5 INCH MAX. GRATINGS IN FLOOR SHALL HAVE SPACES NO GREATER THAN 0.5 INCH WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5 INCH IN HEIGHT.
9. ACCESSIBLE WATER CLOSETS SHALL BE 19 INCHES FROM THE FLOOR TO THE TOP OF THE SEAT. GRAB BARS SHALL BE 36 INCHES LONG MINIMUM WHEN LOCATED BEHIND THE WATER CLOSET AND 42 INCHES MINIMUM WHEN LOCATED ALONG THE SIDE OF THE WATER CLOSET, AND SHALL BE MOUNTED 33 INCHES FROM THE FLOOR TO THE TOP OF THE RAIL WITH 0.5 INCH MAXIMUM VARIATION.
10. ACCESSIBLE URINALS SHALL BE STALL-TYPE OR WALL MOUNT WITH ELONGATED RIMS AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR.
11. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 29 INCHES ABOVE THE FLOOR TO THE BOTTOM OF THE APRON.
12. ACCESSIBLE SINKS SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 27 INCHES HIGH, 30 INCHES WIDE, AND 18 INCHES DEEP UNDERNEATH SINK. THE SINK DEPTH SHALL BE 6.5 INCHES MAXIMUM.
13. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT, INSULATION OR PROTECTION MATERIAL MAY BE SITE INSTALLED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES AND SINKS.
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19. A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.
20. WATER CLOSET FLUSH CONTROL SHALL BE MOUNTED ON THE WIDE SIDE OF THE CLOSET.

SITE INSTALLED NOTES:

NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION AND APPROVAL.

- 1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. DRINKING FOUNTAIN, BUILDING DRAINS, CLEAN-OUTS, AND HOOD-UP TO PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOD-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS (MULTI-UNITS ONLY).
7. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINES(S) - (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. WINDOW AND DOOR HIGH WIND STORM COVERINGS PER CODE.
10. GUTTERS & DOWNSPOUTS (IF APPLICABLE).
11. STRUCTURAL HEADER

STRUCTURAL LOAD LIMITATIONS:

FLOOR LIVE LOAD:
A. 50 PSF
B. 100 PSF (LOBBIES & CORRIDORS)
ROOF LIVE LOAD:
A. 20 PSF.
ROOF SNOW LOAD: N/A

WIND LOAD:
1. 130 MPH WIND SPEED
2. Iw = 1.0 WIND IMPORTANCE FACTOR.
3. B BUILDING CATEGORY.
4. ENCLOSURE CLASSIFICATION: ENCLOSED
5. COMPONENT & CLADDING LOAD: (OVERHANGS)
Pr = -33.00 PSF ZONE 1 Pr = -58.70 PSF ZONE 2
Pr = -51.00 PSF ZONE 2 Pr = -95.30 PSF ZONE 3
Pr = -76.80 PSF ZONE 3
(WALLS / WINDOWS / DOORS)
Pr = -33.00 PSF ZONE 4 Pr = -40.70 PSF ZONE 5

SEISMIC LOAD: N/A

FLOOD LOAD: THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED OR SUBJECTED TO WAVE ACTION WHEN LOCATED IN A FLOOD PRONE OR ZONE AREA. FINISH FLOOR ELEVATION MUST BE LOCATED ABOVE THE BUILDING SITE FLOOD PLANE LEVEL.

FOUNDATION:

IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS, THESE BUILDING PLANS DO NOT CONTAIN FOUNDATION SUPPORT AND TIE DOWN SYSTEM DETAILS AND SPECIFICATIONS. THE ARCHITECT / ENGINEER OF BUILDING PLANS SHOULD BE CONTACTED TO OBTAIN APPROPRIATE FOUNDATION PLANS. IF FOUNDATION PLANS ARE DESIGNED BY OTHERS, THE ARCHITECT / ENGINEER OF BUILDING PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN AND THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERETO.

STATE CODES:

FLORIDA
2004 FBC
2004 FPC
2004 FAC
2003 NFPA 101
2003 NEC
FACBC

DRAWING INDEX:

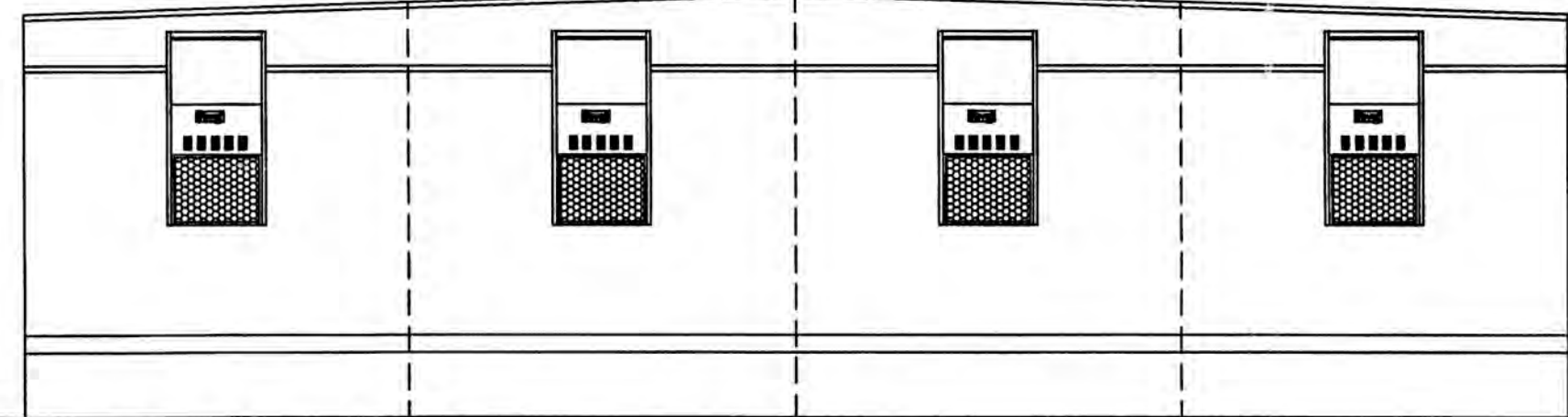
SHEET 1 of 4 CV1 COVER SHEET
SHEET 2 of 4 FP1 FLOOR/ELEC/HVAC PLAN
SHEET 3 of 4 E/H1 ELEC/HVAC PLAN
SHEET 4 of 4 X1 BUILDING CROSS SECTION



WILLIAMS SCOTSMAN PERSONNEL
NAME: David Kuczer
ADDRESS: 5002 East Hillsborough Avenue Tampa, FL 33610
PHONE: (800) 782-1500

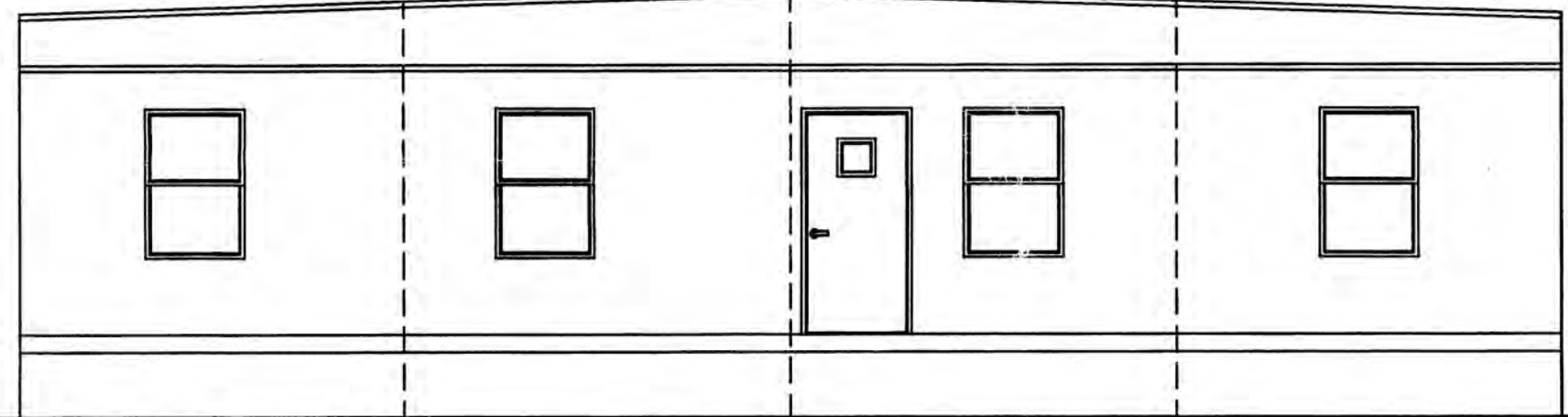
ELEVATION NOTES (TYP.):

- 1.) SEE CROSS SECTION FOR METHOD OF ROOF VENTILATION
2.) HANDICAP RAM(S), STAIR(S), AND HANDRAILS ARE TO BE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL.
3.) FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150th OF THE FLOOR AREA, AND AN 18" X 24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL.



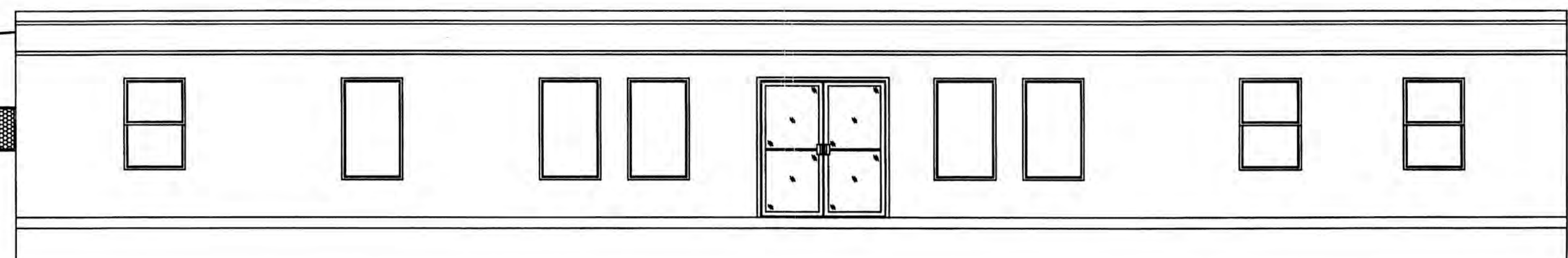
LEFT SIDE ELEVATION

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



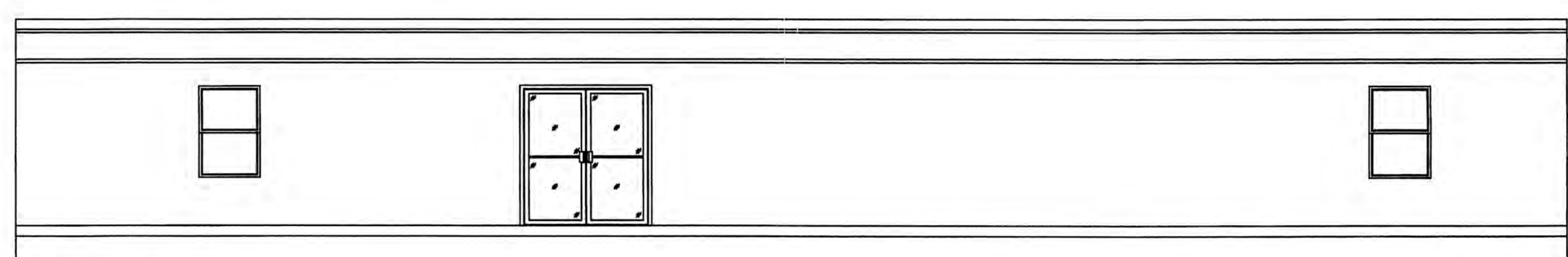
RIGHT SIDE ELEVATION

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



FRONT ELEVATION

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



REAR ELEVATION

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

SITE INSTALLED HEADER NOTES:

- 1. FOR EACH 1.5" THICKNESS OF EACH HEADER A 2x4 SPF #2 JACK STUD SHALL BE INSTALLED FOR HEADER SUPPORT ON EACH SIDE OF THE SPAN. EACH SIDE OF HEADER SPAN SHALL ALSO HAVE 2-2x4 SPF #2 FULL LENGTH STUDS WITH EACH STUD STAYED TO JACK STUDS WITH 16d COMMON NAILS 12" O.C., AND FASTENED TO HEADER WITH 3-16d COMMON NAILS. NOTE: STUDS MAY BE SITE INSTALLED.
2. A FLOOR JOIST SHALL BE INSTALLED DIRECTLY UNDER EACH REQUIRED JACK STUD, EACH SIDE OF HEADER.
3. UPLIFT WIND ANCHORAGE
A. INSTALL (2) SIMPSON HTS 16 FROM RIDGE BEAM TO HEADER. ATTACH STRAP TO RIDGE BEAM ON THE RAFTER SIDE OF THE RIDGE BEAM. SEE DETAIL ON SHEET 6 OF 6.
B. INSTALL 1-3/8" X 6" LAG SCREW FROM EACH SIDE OF EACH JACK STUD INTO FLOOR JOIST BELOW. INSTALL LAG SCREW A 30° ANGLE FROM JACK STUD AND STARTING APPROXIMATELY 2" ABOVE THE END OF THE STUD. PRE-DRILL ALL HOLES WITH 1/4" DIAMETER BIT.
4. HEADERS CONSISTING OF PLYWOOD SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "RIDGE BEAM CONSTRUCTION" NOTES SPECIFIED HERE IN OR IN THE SYSTEM PACKAGE EXCEPT THAT THERE SHALL BE NO BUTT JOINT IN ANY OF THE PLYWOOD LAYERS.
5. B - # OF LAYERS OF 3/4" X 11-1/4" RATED SHEATHING, PLYWOOD STRUCT. 1, EXP. 1 48/24, 5 PLY/ 6 LAYER.

Reviewed By: Robert A. Johnson Florida Modular Plans Examiner No. SMP-0000029



LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA BUILDING CODE AND ADHERE TO THE FOLLOWING CRITERIA:

CONST. TYPE: V-B
OCCUPANCY: B
ALLOWABLE NO. OF FLOORS: 1
WIND VELOCITY: 130(Exp.B)
FIRE RATING OF EXT. WALLS: 0
PLAN NO.: DBI-2260
ALLOW FLOOR LOAD: 50/100
APPROVAL DATE: 11/10/05
MANUFACTURER: DBI
HIGH VELOCITY HURRICANE ZONE: NO



THIRD PARTY: RACO, INC. 5456 A CRENSHAW STREET TAMPA, FL 33634

DATE: 10-31-05

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

DRAWN BY: J.L.B.

CHECKED BY: W.J.M.

DRAWING NO. # DBI-2005-0010

SERIAL NO. # 2260 A-D

BUILDING SIZE: 48'x78'

CODES: SEE NOTES

LABELS: FL

PAGE: 1 of 4

JOB NO #:

DBI-2260

WJMM logo

WILLIAM J. MCCANN, P.E.

1055 TURNER STREET #56

DOUGLAS, GA 31533

PH: (727) 443-7660

11/10/05

FL P.E. LIC. #50252

SHEET:

CV1

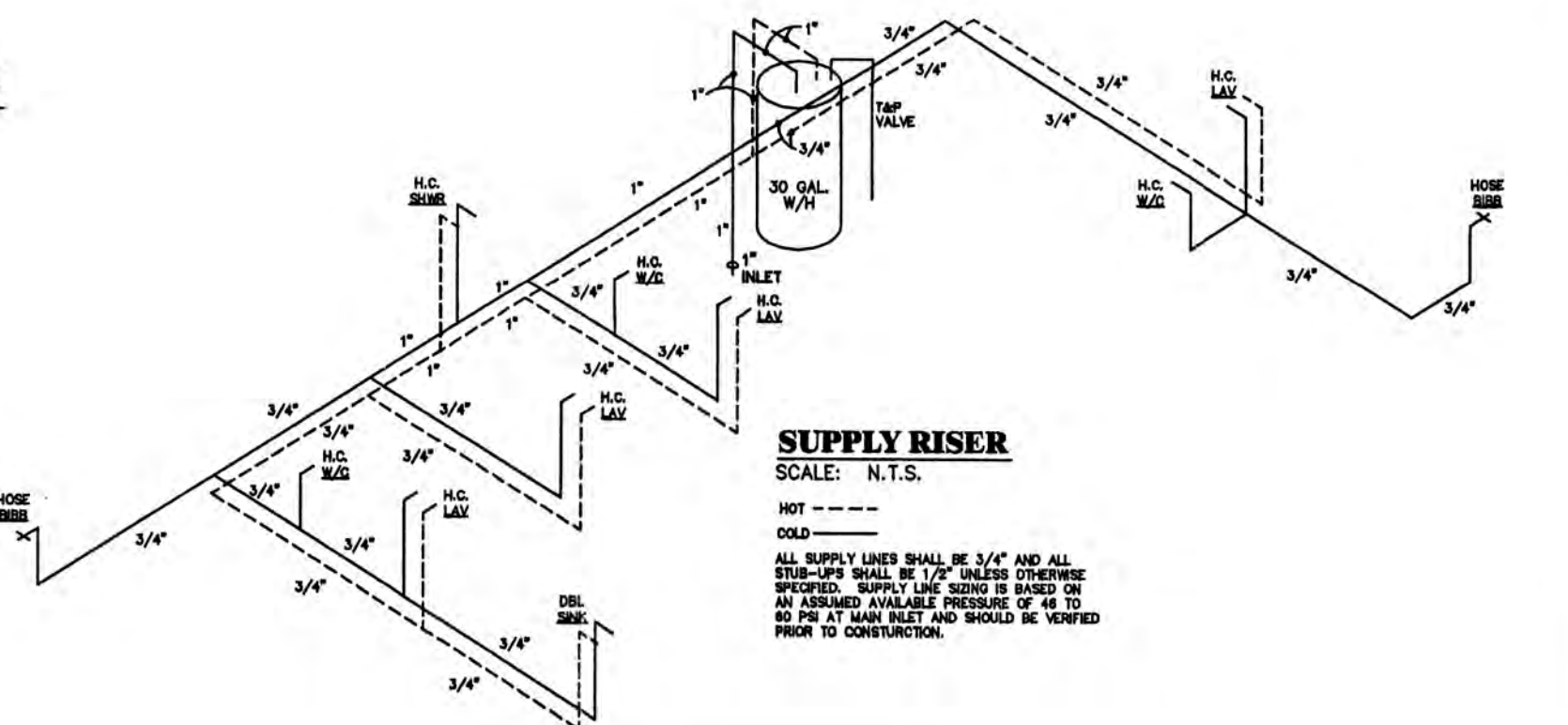
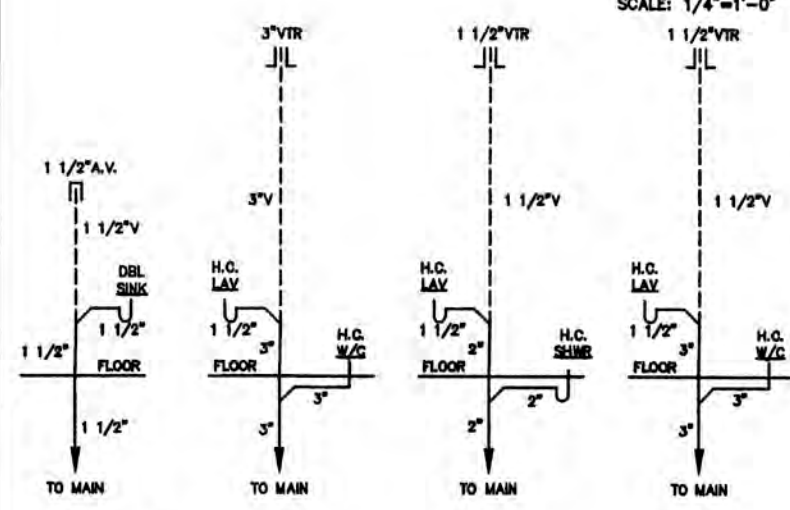
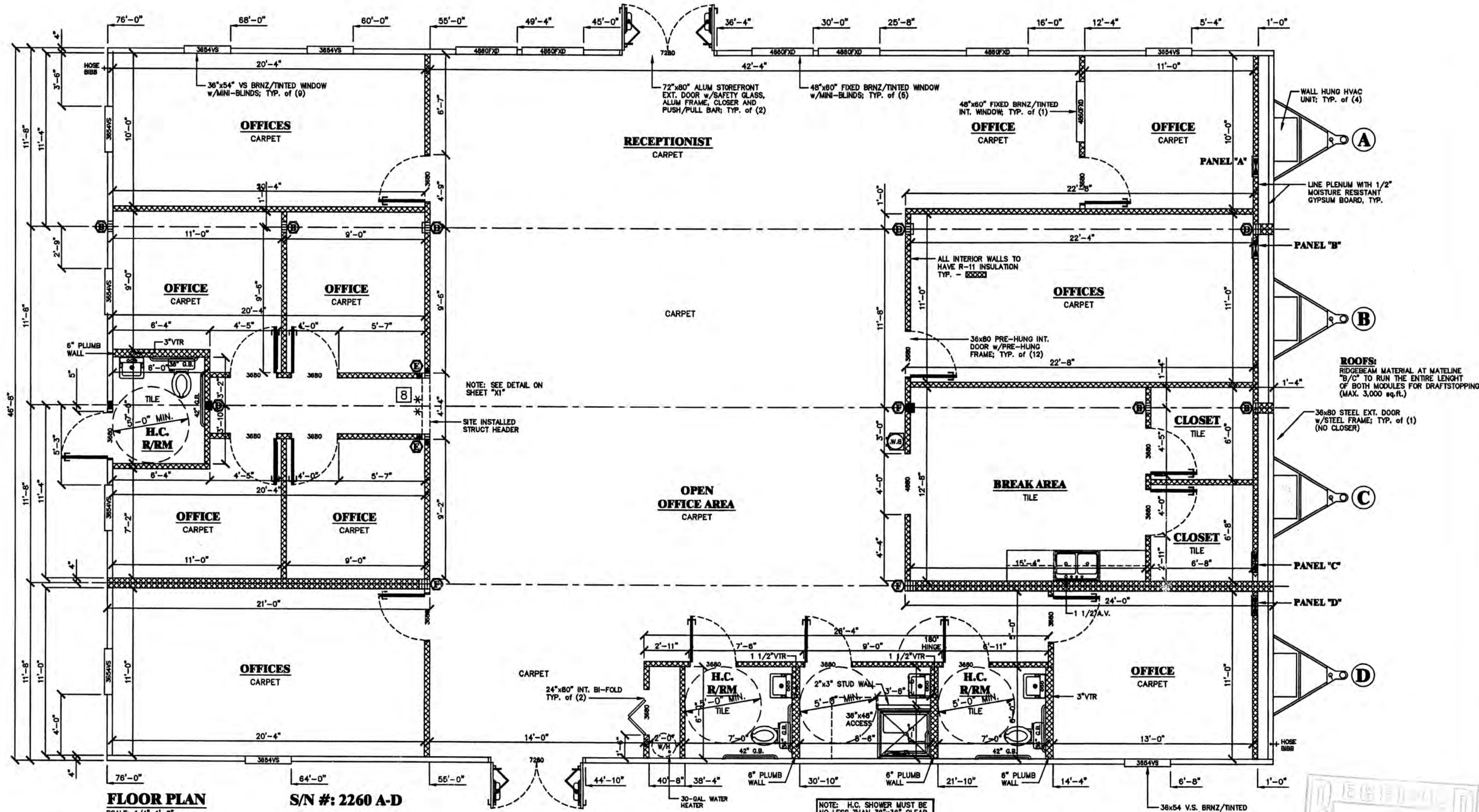
COVER SHEET

Diamond Builders, Inc.

439 Thompson Drive

Douglas, GA 31533

(912) 384-6028

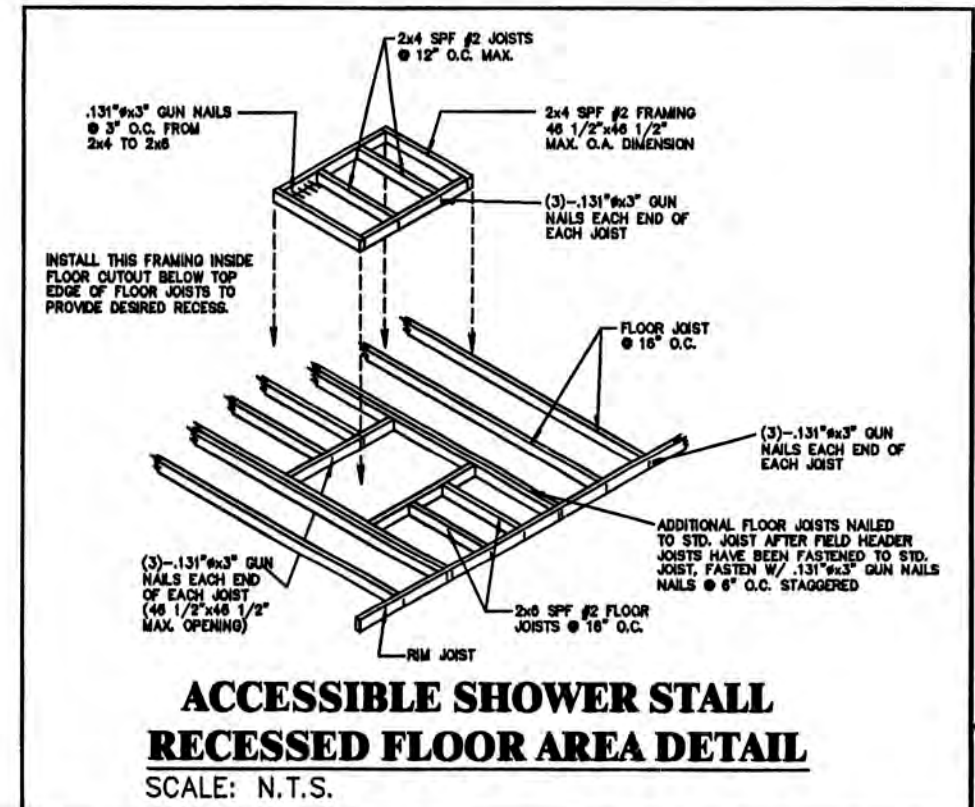


COLUMN STRAPPING SCHEDULE

(A) (2) 2x4 SPF #2 THIS HALF	(B) (2) 2x4 SPF #2 EACH HALF
(C) (3) 2x4 SPF #2 THIS HALF	(D) (3) 2x4 SPF #2 EACH HALF
(E) (4) 2x4 SPF #2 THIS HALF	(F) (4) 2x4 SPF #2 EACH HALF
(G) (2) 2x6 SPF #2 THIS HALF	(H) (2) 2x4 SPF #2 EACH HALF

* ADD RIDGE BEAM BEARING STIFFENER
● STRUCTURAL HEADER ABOVE OPENING PER APPROVED PACKAGE

NOTES:
1. ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER. PVA GLUE WITH 100% COVERAGE SHALL BE USED.
2. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.
3. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.



LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA BUILDING CODE AND ADHERE TO THE FOLLOWING CRITERIA:

CONST. TYPE:	V-B
OCCUPANCY:	B
ALLOWABLE NO. OF FLOORS:	1
WIND VELOCITY:	130(Exp.B)
FIRE RATING OF EXT. WALLS:	0
PLAN NO.:	DBI-2260
ALLOW FLOOR LOAD:	50/100
APPROVAL DATE:	11/21/05
MANUFACTURER:	DBI
HIGH VELOCITY HURRICANE ZONE:	NO

RADCO

THIRD PARTY:
RADCO, INC.
5456 - A CRENSHAW STREET
TAMPA, FL 33634

REV	DATE	BY	DESCRIPTION

Diamond Builders, Inc.
439 Thompson Drive
Douglas, GA 31533
(912) 384-6028

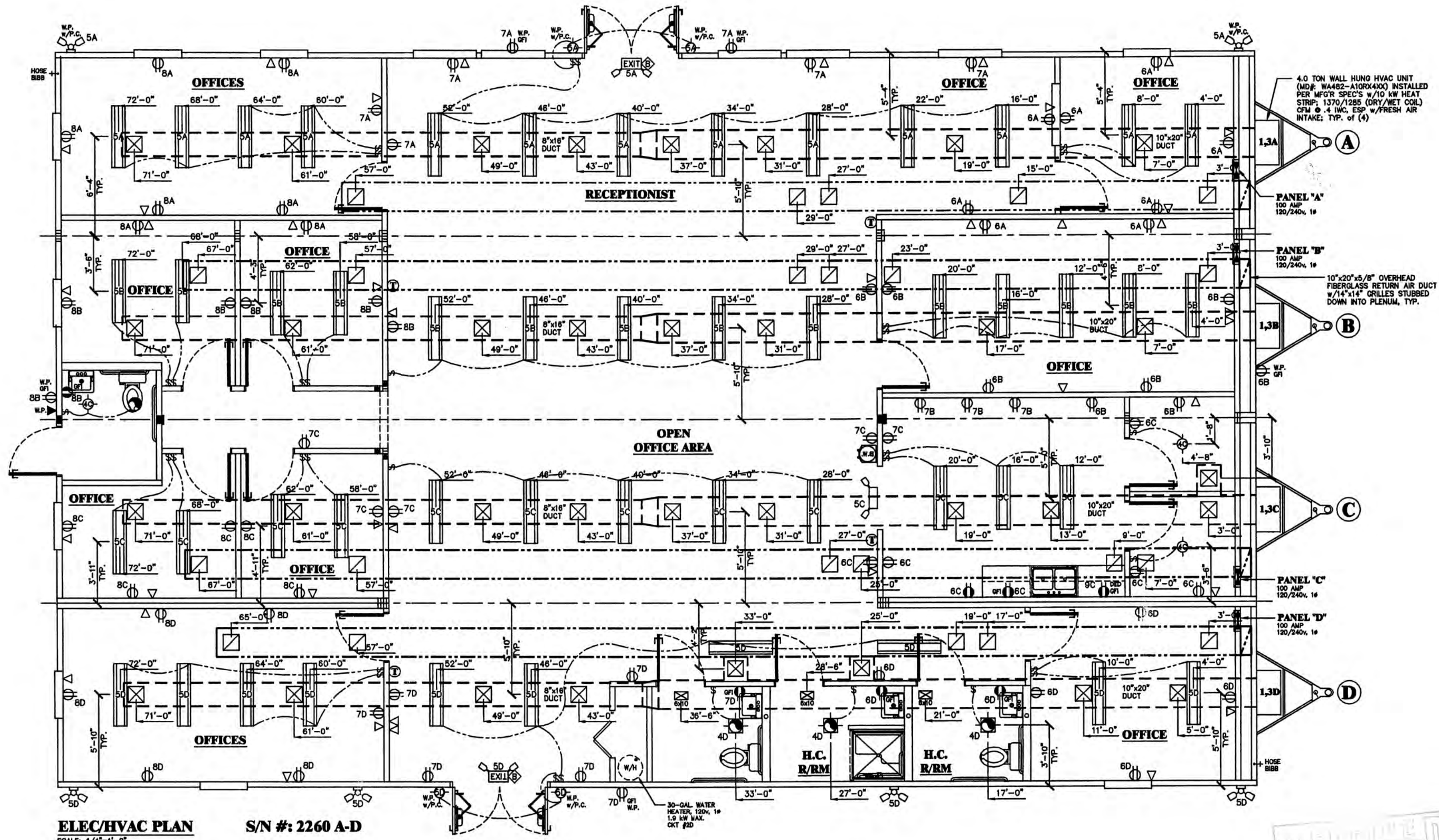
FLOOR PLAN

DATE: 10-31-05
SCALE: 3/16"=1'-0"
DRAWN BY: J.L.B.
CHECKED BY: W.J.M.
DRAWING NO. #: DBI-2005-0010
SERIAL NO. #: 2260 A-D
BUILDING SIZE: 48x76'
CODES: SEE NOTES
LABELS: FL
PAGE: 2 of 4
JOB NO #: DBI-2260

WJMM
WILLIAM J. McCANN, P.E.
1563 TURNER STREET
CLEARWATER, FL 33756
Ph: (727) 443-7860

William J. McCann
10/31/05
Fl. P.E. LIC. #50252

FP1



ELEC/HVAC PLAN S/N #: 2260 A-D
SCALE: 1/4"=1'-0"



REV	DATE	DESCRIPTION

Diamond Builders, Inc.
439 Thompson Drive
Douglas, GA 31533
(912) 384-6028

ELEC/HVAC PLNA

DATE: 10-31-05
SCALE: 3/16"=1'-0"
DRAWN BY: J.L.B.
CHECKED BY: W.J.M.
DRAWING NO. #: DBI-2005-0010
SERIAL NO. #: 2260 A-D
BUILDING SIZE: 48'x78'
CODES: SEE NOTES
LABELS: FL
PAGE: 3 of 4
JOB NO #: DBI-2260

WJ M
WILLIAM J. MCCANN, P.E.
1563 TURNER STREET, S.W.
CLEMENS, GA 31706
PH: (770) 443-7880

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA BUILDING CODE AND ADHERE TO THE FOLLOWING CRITERIA:

CONST. TYPE: V-B
OCCUPANCY: B
ALLOWABLE NO. OF FLOORS: 1
WIND VELOCITY: 130 (Exp. B)
FIRE RATING OF EXT. WALLS: 0
PLAN NO.: DBI-2260
ALLOW FLOOR LOAD: 50/100
APPROVAL DATE: 11/10/05
MANUFACTURER: DBI
HIGH VELOCITY HURRICANE ZONE: NO

RADCO

THIRD PARTY:
RADCO, INC.
5458 - A CRENSHAW STREET
TAMPA, FL 33634

ELECTRICAL SYMBOLS

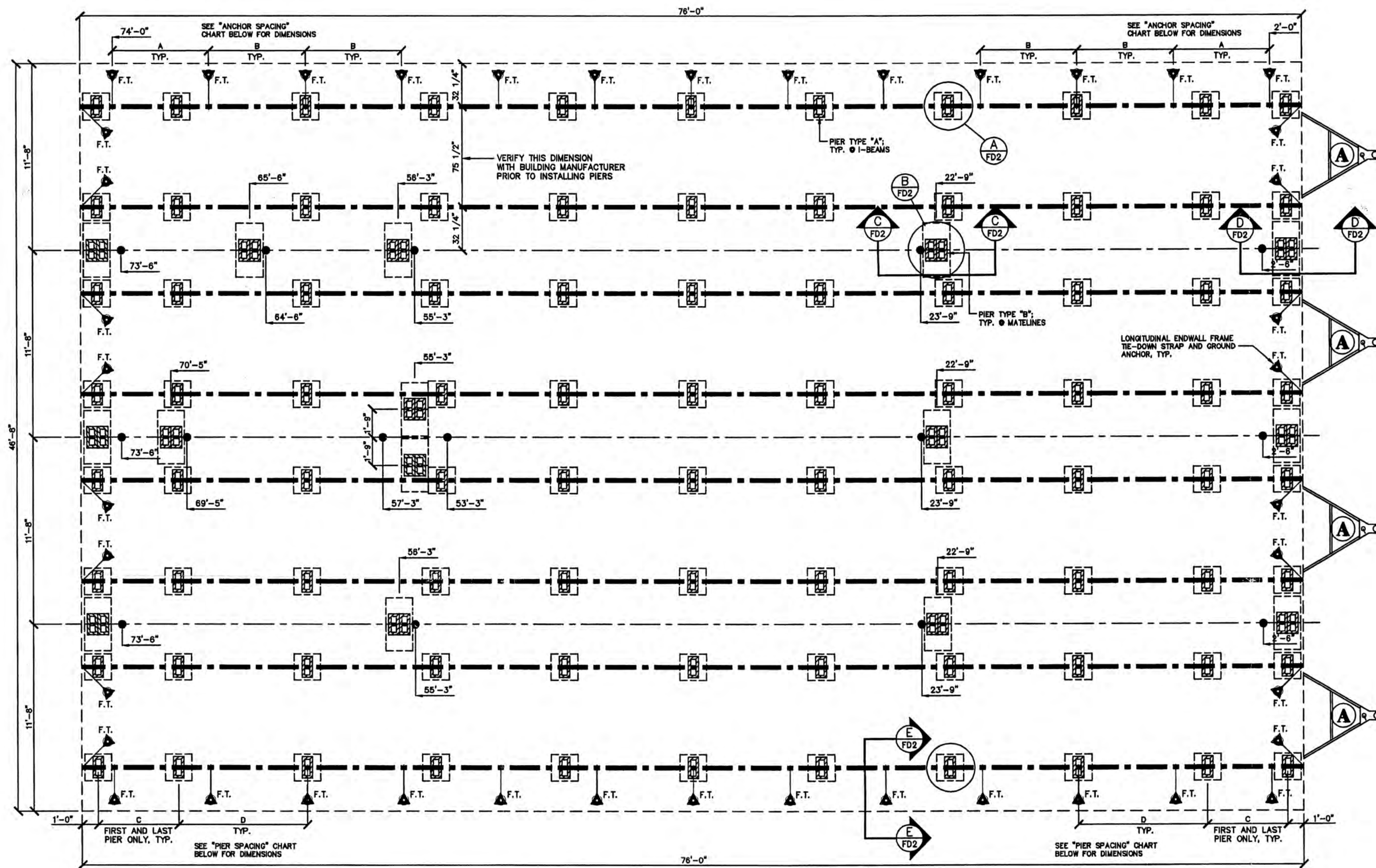
⊕	DUPLEX RECEPTACLE @ 16" A.F.F.	⊕	J-BOX @ 48" A.F.F. FOR PULL STATION - TO BE WIRED BACK TO HORN/STROBE (2x SINGLE GANG)
⊕	DUPLEX RECEPTACLE @ 42" A.F.F. (UNLESS NOTED)	⊕	J-BOXES @ 48" & 60" A.F.F. FOR PULL STATION AND HORN/STROBE (40" BOX 2x4 SINGLE GANG) (60" BOX 4x4 DOUBLE GANG)
⊕	QUADPLEX RECEPTACLE @ 16" A.F.F. (UNLESS NOTED)	⊕	J-BOX @ 60" A.F.F. FOR STROBE ONLY (4x4 DOUBLE GANG)
⊕	RECEPTACLE 240v @ 18" A.F.F.	⊕	ILLUMINATED EXIT SIGN w/BATTERY BACK-UP
⊕	CEILING MOUNTED DUPLEX RECEPTACLE	⊕	EMERGENCY LIGHT 84" AFF
⊕	FLOOR MOUNTED DUPLEX RECEPTACLE	⊕	ELECTRICAL PANEL BOX 48" TO BOTTOM
⊕	SWITCH @ 48" A.F.F.	⊕	TELEPHONE JACK AT 16" A.F.F. (UNLESS NOTED)
⊕	3-WAY SWITCH @ 48" A.F.F.	⊕	TELEPHONE JACK AT 42" A.F.F. (UNLESS NOTED)
⊕	ELECTRICAL PANEL BOX 48" TO TOP	⊕	TELEPHONE FLOOR J-BOX
⊕	COMPUTER JACK @ 16" A.F.F. (UNLESS NOTED)	⊕	WEATHERPROOF PHOTOCELL
⊕	WEATHERPROOF PHOTOCELL	⊕	WALL MOUNTED JUNCTION BOX 18" (UNLESS NOTED)
⊕	WALL MOUNTED JUNCTION BOX 18" (UNLESS NOTED)	⊕	CEILING MOUNTED JUNCTION BOX
⊕	CEILING MOUNTED JUNCTION BOX	⊕	A/C THERMOSTAT @ 53" A.F.F.
⊕	A/C THERMOSTAT @ 53" A.F.F.	⊕	FIRE STAT
⊕	FIRE STAT	⊕	SMOKE DETECTOR
⊕	SMOKE DETECTOR	⊕	

MISC. SYMBOLS

⊕	FLUORESCENT LIGHT FIXTURE-DIFFUSED (82w MAX.)
⊕	FLUORESCENT LIGHT FIXTURE-DIFFUSED (124w MAX.)
⊕	FLUORESCENT LIGHT FIXTURE-RECESSED (82w MAX.)
⊕	2"x4" FLUORESCENT TROFFER (2 TUBE-92w MAX.)
⊕	DENOTES CROSS CONNECTIONS
⊕	B.W. - BOTTLED WATER DISPENSER

ELECTRICAL SCHEDULE PANEL "A"				ELECTRICAL SCHEDULE PANEL "B"				ELECTRICAL SCHEDULE PANEL "C"				ELECTRICAL SCHEDULE PANEL "D"			
CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)	CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)	CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)	CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1,3A	HVAC DISCONNECT	80A (2P) HACR TYPE	8-2 SE w/#10 GRND	1,3B	HVAC DISCONNECT	80A (2P) HACR TYPE	8-2 SE w/#10 GRND	1,3C	HVAC DISCONNECT	80A (2P) HACR TYPE	8-2 SE w/#10 GRND	1,3D	HVAC DISCONNECT	80A (2P) HACR TYPE	8-2 SE w/#10 GRND
2,4A	OPEN	-	-	2,4B	OPEN	-	-	2,4C	OPEN	-	-	2D	WATER HEATER	30A(1P)	12-2 NM
5A	LIGHTS	15A	14-2 NM	5B	LIGHTS	15A	14-2 NM	5C	LIGHTS	15A	14-2 NM	4D,5D	LIGHTS & FAN	15A	14-2 NM
6A-8A	RECEPTS	15A	14-2 NM	6B-8B	RECEPTS	15A	14-2 NM	6C-8C	RECEPTS	15A	14-2 NM	8D-8D	RECEPTS	15A	14-2 NM
** SEE ELECTRICAL NOTE #1				** SEE ELECTRICAL NOTE #1				** SEE ELECTRICAL NOTE #1				** SEE ELECTRICAL NOTE #1			
ELECTRICAL PANEL "A" SIZING				ELECTRICAL PANEL "B" SIZING				ELECTRICAL PANEL "C" SIZING				ELECTRICAL PANEL "D" SIZING			
DESCRIPTION				DESCRIPTION				DESCRIPTION				DESCRIPTION			
.0038 KW/SF x .887 SF x 1.25 = 3.88				.0038 KW/SF x .887 SF x 1.25 = 3.88				.0038 KW/SF x .887 SF x 1.25 = 3.88				.0038 KW/SF x .887 SF x 1.25 = 3.88			
22 RECEPT @ 180 VA / 1000 = 3.96				12 RECEPT @ 150 VA / 1000 = 3.24				12 RECEPT @ 150 VA / 1000 = 3.24				12 RECEPT @ 150 VA / 1000 = 3.24			
- WATER HEATER @ 3.5 KW = -				- WATER HEATER @ 3.5 KW = -				- WATER HEATER @ 1.0 KW x 1.25 = 3.28				- WATER HEATER @ 1.0 KW x 1.25 = 3.28			
- FANS @ .3 KW x 1.25 = .375				- FANS @ .3 KW x 1.25 = .375				- FANS @ .3 KW x 1.25 = .375				- FANS @ .3 KW x 1.25 = .375			
- HVAC @ 10.90 KW (EA.) = 10.90				- HVAC @ 10.90 KW (EA.) = 10.90				- HVAC @ 10.90 KW (EA.) = 10.90				- HVAC @ 10.90 KW (EA.) = 10.90			
18.74 TOTAL KW				18.02 TOTAL KW				23.12 TOTAL KW				22.81 TOTAL KW			
TOTAL / 240 x 1000 = 78.08 AMPS				TOTAL / 240 x 1000 = 75.08 AMPS				TOTAL / 240 x 1000 = 95.00 AMPS				TOTAL / 240 x 1000 = 94.21 AMPS			
INSTALL 100 AMP PANEL 120/240 V, 1Φ PHASE				INSTALL 100 AMP PANEL 120/240 V, 1Φ PHASE				INSTALL 100 AMP PANEL 120/240 V, 1Φ PHASE				INSTALL 100 AMP PANEL 120/240 V, 1Φ PHASE			

SHEET: **E/H1**



FOUNDATION PLAN

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

- NOTE: STRAP SPACING MAY VARY DUE TO SITE CONDITIONS
- NOTE: FRAME TIES ONLY, NO OVER-THE-ROOF STRAPS REQUIRED. SEE DETAIL E-FD1.
- NOTE: FIRST STRAP FROM END WALLS NOT TO EXCEED 3'-4"
- NOTE: MATELINE SUPPORT COLUMN LOCATIONS TO BE VERIFIED PRIOR TO INSTALLING MATELINE SUPPORT PIERS

OCCUPANCY: BUSINESS
 FLOOR DESIGN LIVE LOAD: 50/100 PSF
 ROOF LIVE LOAD: 20 PSF
 CONSTRUCTION: TYPE V-B

WIND: 130 MPH (EXP. B)
SOIL: 2000 P.S.F.

REV	DATE	BY	DESCRIPTION

WILLIAMS SCOTSMAN
 5002 EAST HULLBOROUGH AVENUE
 TAMPA, FL 33610
 (800) 782-1500

FOUNDATION PLAN

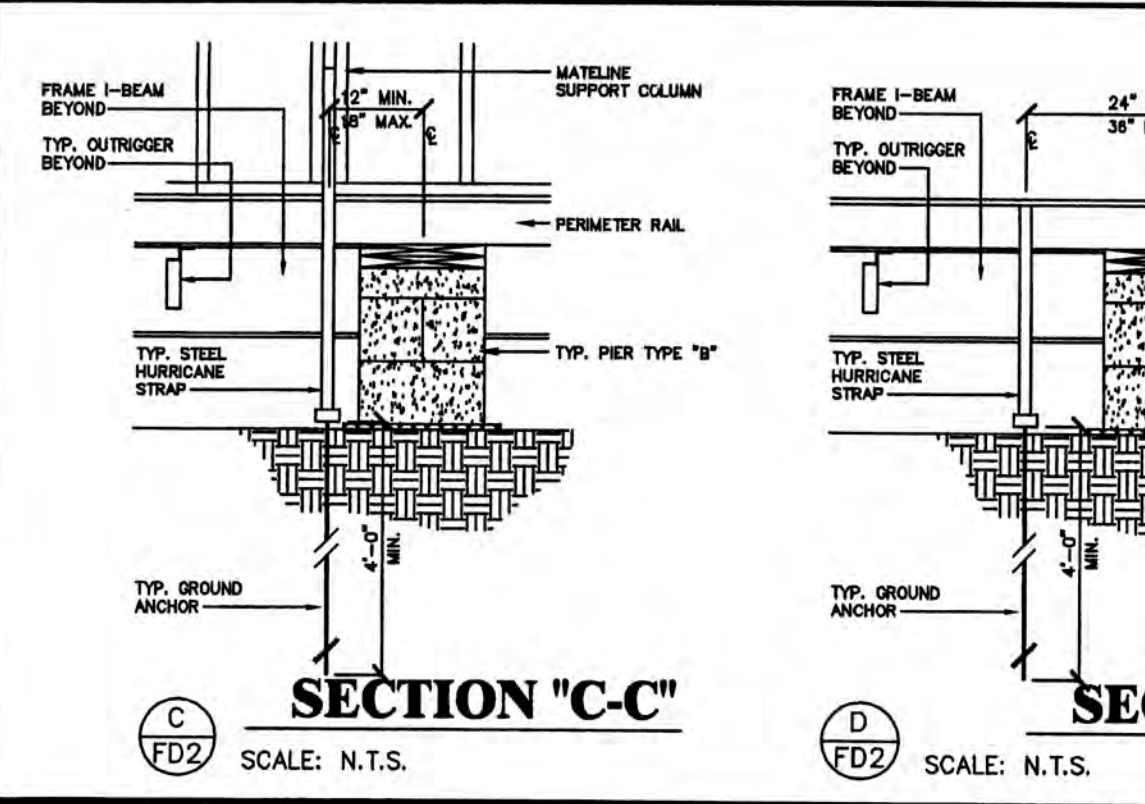
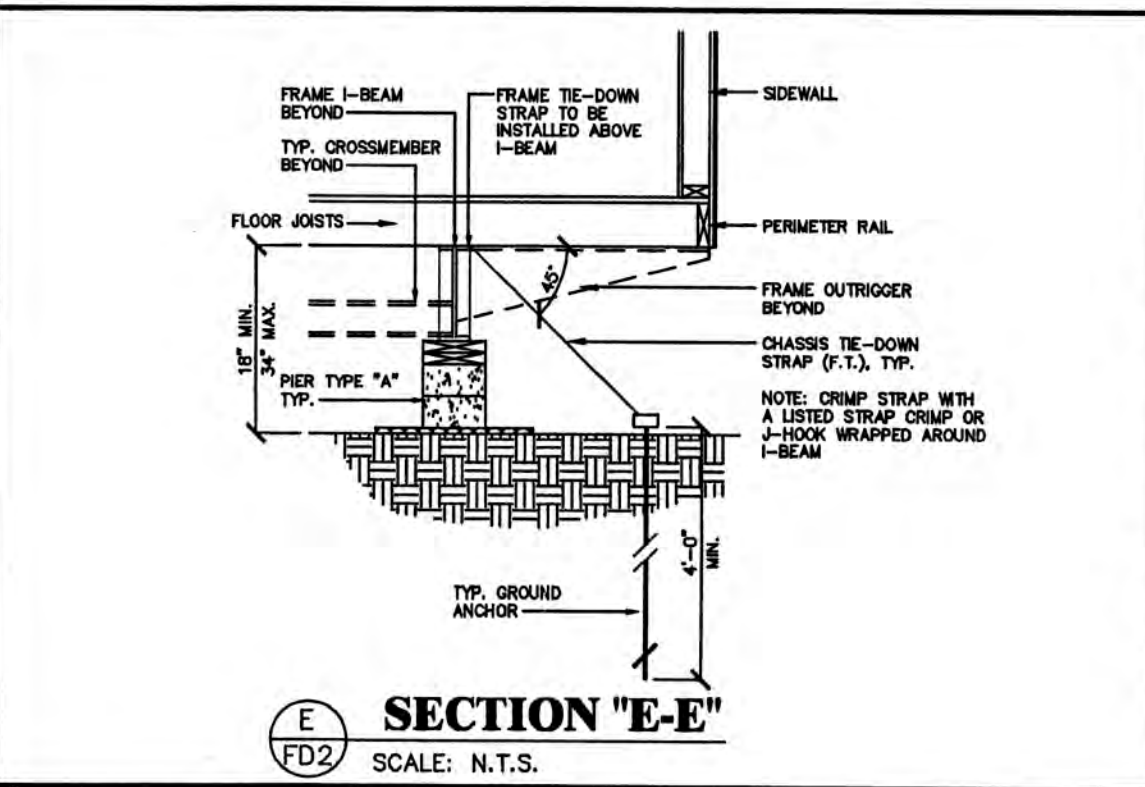
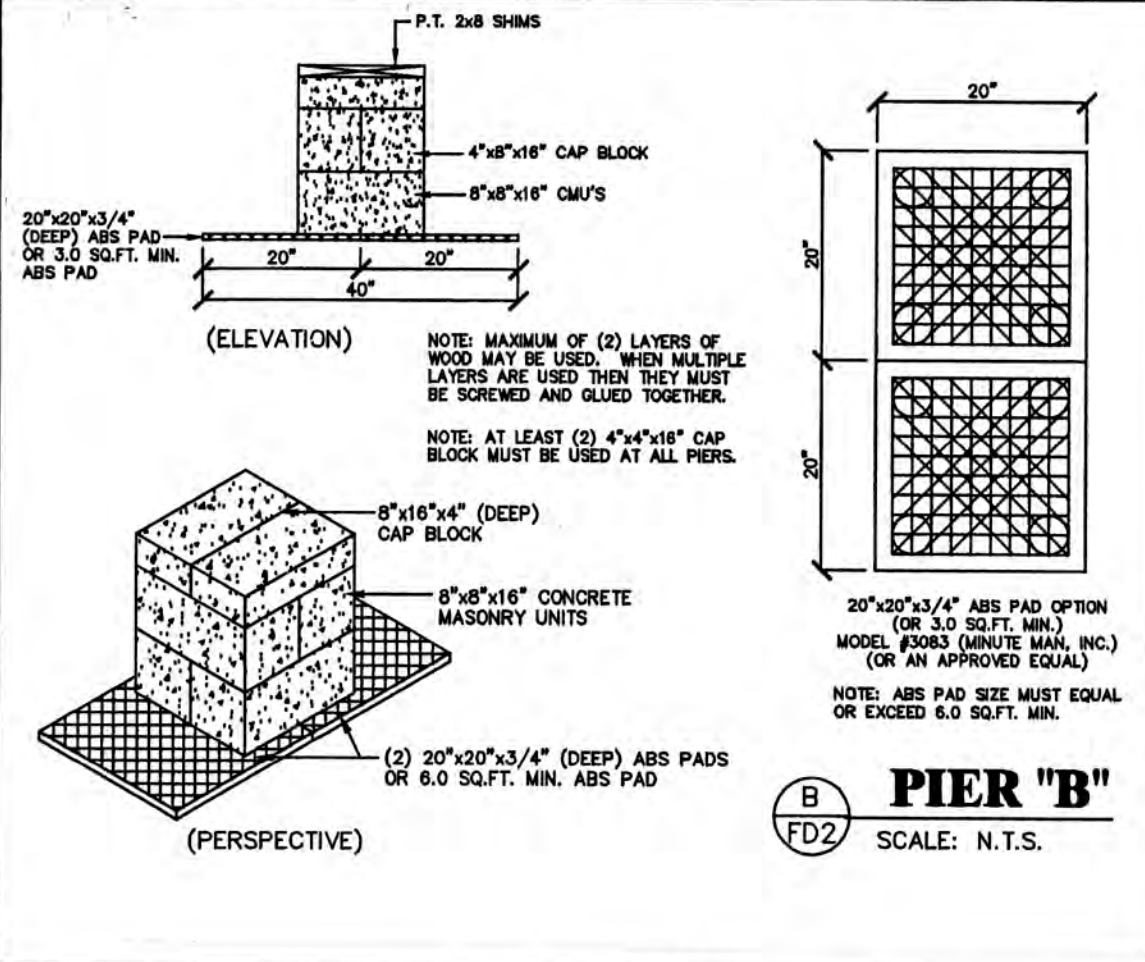
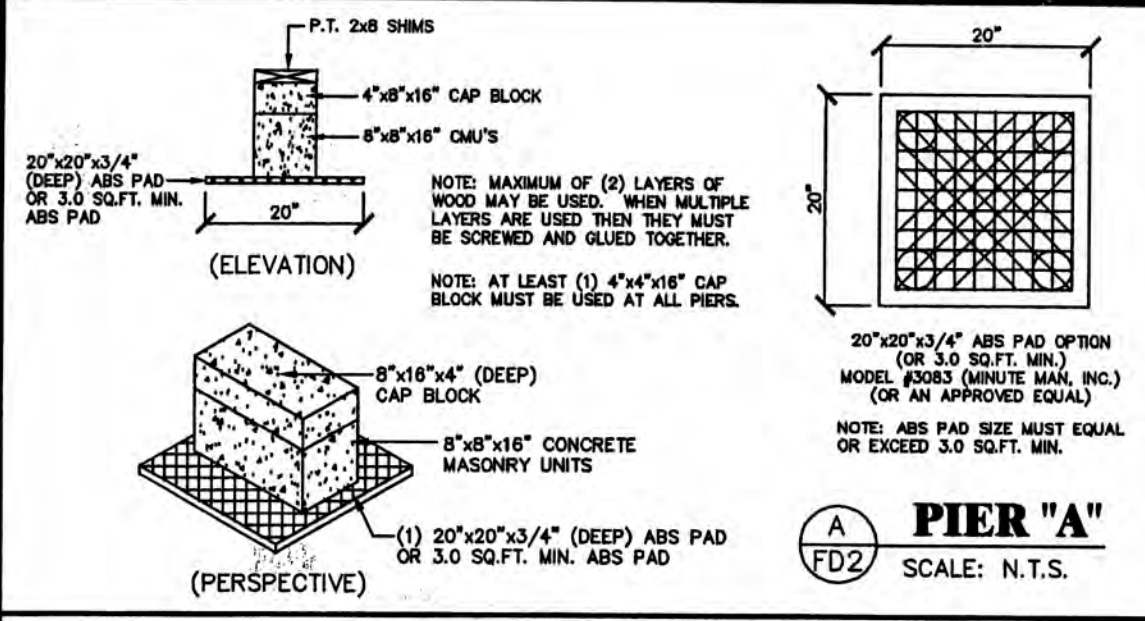
DATE: 10-31-05
 SCALE: 3/16"=1'-0"
 DRAWN BY: J.L.B.
 CHECKED BY: W.J.M.
 DRAWING NO. #: DBI-2005-0010
 SERIAL NO. #: 2260 A-D
 BUILDING SIZE: 48'x76'
 CODES:
 LABELS:
 PAGE: 1 of 2
 JOB NO #:

WJ.M.
 WILLIAM J. MCCANN, P.E.
 1563 TURNER STREET
 CLEARWATER, FL 33736
 PH: (727) 443-7860

Williams
 10/31/05
 FL P.E. LIC. #50252



SHEET: **FD1**



SYMBOLS:

▲ F.T. - FRAME TIE-DOWN FASTENED TO GROUND ANCHOR

● - HURRICANE STRAP FASTENED TO GROUND ANCHOR

ANCHOR SPACING					PIER SPACING				
2000 P.S.I. SOIL BEARING CAPACITY					2000 P.S.I. SOIL BEARING CAPACITY				
MPH	EXP.	A	B	# OF ANCHORS	MPH	EXP.	C	D	# OF PIERS
130	B	6'-0"	6'-0"	13 (● EA. SIDEWALL)	130	B	5'-0"	8'-0"	11 (UNDER EA. I-BEAM)

FOUNDATION NOTES:

NOTE: ALL REQUIRED BUILDING AND/OR CONSTRUCTION PERMITS MUST BE APPLIED FOR AND OBTAINED FROM THE LOCAL AUTHORITIES HAVING JURISDICTION PRIOR TO ANY WORKED BEING DONE ON THE ABOVE SHOWN FOUNDATION DESIGN.

- THE ABOVE FOUNDATION DESIGN IS TO BE SUBMITTED TO THE LOCAL JURISDICTION HAVING AUTHORITY. THE APPROVAL OF THIS FOUNDATION IS SUBJECT TO LOCAL JURISDICTION.
- TIE-DOWN STRAPS TO BE 1-1/4" X .035 GALVANIZED STEEL FEDERAL SPECIFICATION Q08-781-H TYPE-1 FINISH-B GRADE-1. TIE-DOWN STRAPS AND CONNECTING HARDWARE TO HAVE 4,725# MINIMUM ULTIMATE CAPACITY (3,150# X 1.5).
- ALL TIE DOWN ANCHORS SHALL HAVE MINIMUM 8,500 LB. CAPACITY AND SHALL BE INSTALLED IN ACCORDANCE WITH THEIR FL LISTING APPROVAL.
- SEE ABOVE FOUNDATION LAYOUT FOR TIE-DOWN STRAP SPACING.
- ALL PIERS SHALL BE 8"x8"x16" MASONRY BLOCKS ON 16"x16"x4" (DEEP) CONCRETE PADS, EXCEPT AS OTHERWISE NOTED ON FOUNDATION PLAN.
- MINIMUM SOIL BEARING CAPACITY IS 2,000 PSF. TO BE VERIFIED BY BUILDING'S OWNER.
- IT WILL BE THE BUILDING OWNER'S RESPONSIBILITY TO INSURE THAT ALL GRASS, LOOSE DEBRIS, ETC. ARE REMOVED FROM UNDER THE BUILDING, (FOOTING) AND THAT THE GROUND IS LEVELED TO WITHIN 6" AND FIRMLY COMPACTED.
- WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY, BETWEEN THE I-BEAM AND THE TOP OF THE PIER. SHIMS SHALL BE FREE OF KNOTS, CHECKS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER OR CEDAR AND BEARING AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO ADDING THE SHIMS.
- MASONRY PIERS MAY BE INSTALLED IN A DRY STACK SUBJECT TO LOCAL JURISDICTION AND APPROVAL.
- OVERALL WIDTH DIMENSION IS NOMINAL AND IS BASED ON UNIT WIDTH X NUMBER OF UNITS. ACTUAL OVERALL WIDTH MAY INCREASE DUE TO SITE CONDITIONS, MATERIAL TOLERANCES. FAILURE TO REMOVE CLOSE-UP MATERIAL AND/OR OTHER FACTORS BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.
- FIELD CONDITIONS WITH DRY STACK PIERS GREATER THAN 34" SHALL REQUIRE FOUNDATIONS TO BE ENGINEERED BEYOND THIS APPROVAL.
- WHERE REQUIRED BY LOCAL JURISDICTION ALL MASONRY PIERS MAY BE LAID IN TYPE "M" OR "S" MORTAR IN COMPLIANCE w/ASTM C887, OR SHALL HAVE SURFACE BONDING MORTAR IN COMPLIANCE w/ASTM C 946.

WILLIAMS SCOTSMAN
5002 EAST HILLSBOROUGH AVENUE
TAMPA, FL 33610
(800) 762-1500

FOUNDATION PLAN DETAILS

DATE: 10-31-05
SCALE: AS NOTED
DRAWN BY: J.L.B.
CHECKED BY: W.L.M.
DRAWING NO. #: DBI-2005-0010
SERIAL NO. #: 2260 A-D
BUILDING SIZE: 48'x76'
CODES:
LABELS:
PAGE: 2 of 2
JOB NO. #:

WJMM
WILLIAM J. MCCANN, P.E.
1585 TURNER STREET
CLEARWATER, FL 33796
PH: (727) 443-7660

NOV 10 2005

FL P.E. LIC. #50252

FD2

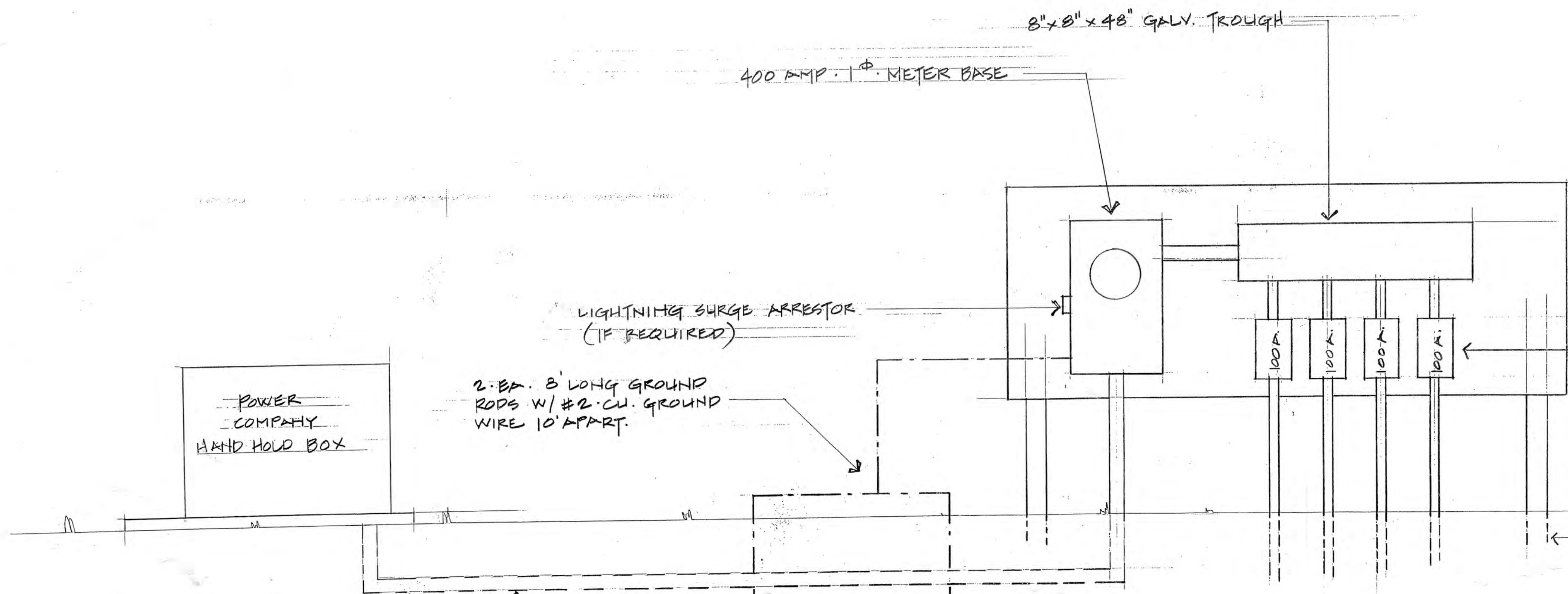
DESIGNED AND PERFORMED
 BY: DAVID HAYFORD ELECTRIC, INC.
 5519 GALL BLDG.
 ZEPHYRHILLS, FL. 33541
 (813) 782-7861
 LIC. # EC-0002570

Zoning Approved
 CITY OF CLEARWATER
 PLANNING DEPT.
 BY: STG
 DATE: 12/06/2005

NEW FLIGHT OPERATIONS BLDG. @ CLEARWATER AIRPARK
 1000 N. HERCULES AVE.
 CLEARWATER, FL.

NOTE
 SEPARATE PERMIT(S) REQUIRED
 FOR: FENCE

4 EA. 100 AMP DISCONNECTS
 & 4 1/2" PVC CONDUITS
 W/ 2 EA. #3 THHN CU. FEEDERS
 & 1 EA. #4 NEUTRAL (THHN CU.)
 W/ 1 EA. #8 GROUND
 AIC RATING = 10,000



ELECTRICAL RISER DIAGRAM

2 EA. 500 MCM CU. THHN FEEDERS AND
 1 EA. 350 MCM CU. THHN NEUTRAL
 IN 4" ϕ PVC CONDUIT.

NOV 10 2005

ELECTRICAL RISER

E-1

1001

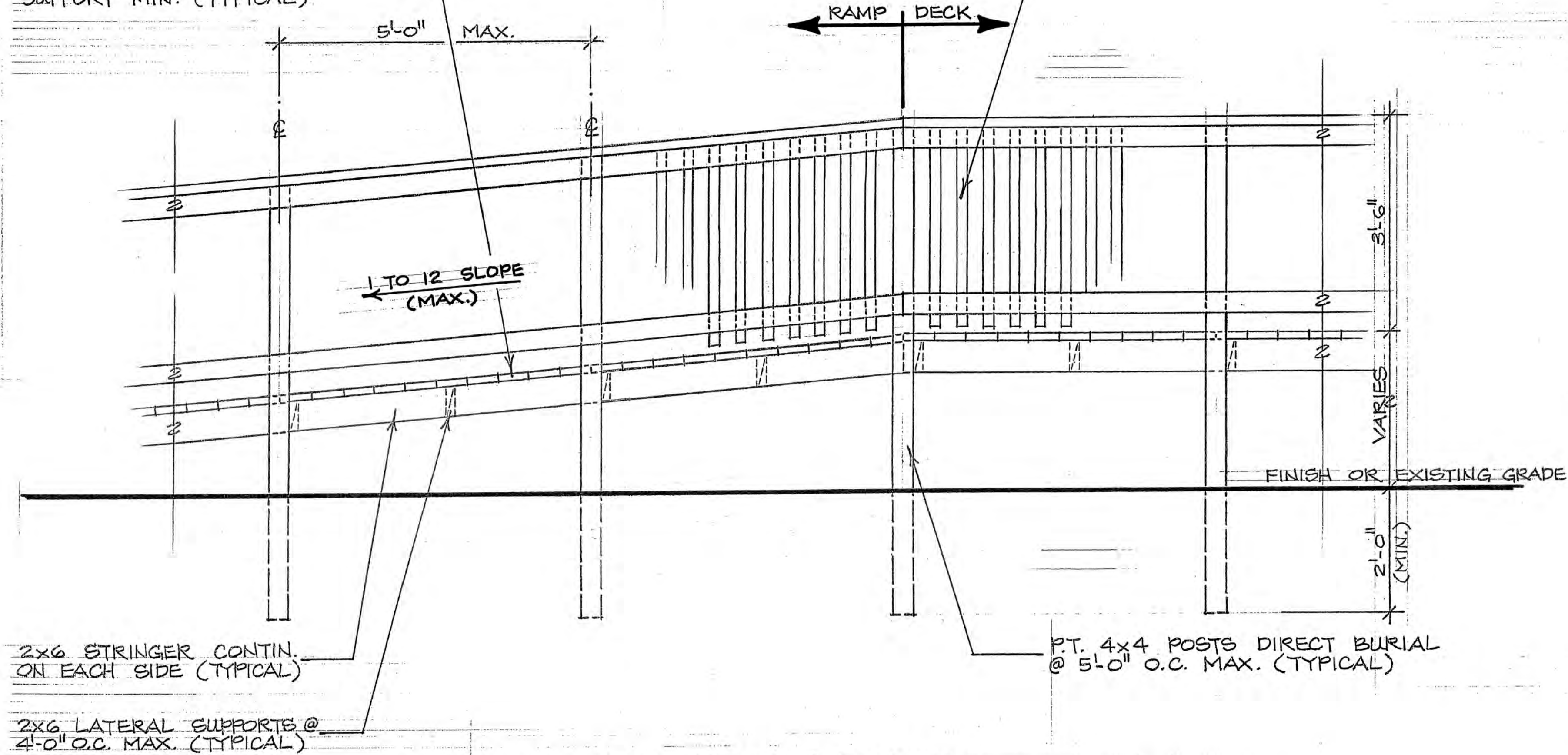
- GENERAL NOTES**
- There shall be no deviation from these plans without prior approval from Owner & Engineer.
 - The contractor shall check and verify all dimensions & conditions of the job site and report any discrepancies or conditions that are unsafe or unsatisfactory before proceeding with the work.
 - The contractor shall provide for the safety & prevention of injury to all persons at the site. He shall be responsible for damage due to the work, to material and other property at or near the site. He shall maintain the site & adjacent site in a clean & orderly condition throughout the project.
 - The contractor shall do all work in strict conformance to the plans, codes & ordinances, manufacturers recommendations & acceptable trade practices. In case of conflict the most stringent requirement shall govern the work.
 - Any change made prior to approval by Owner & Engineer are disallowed as extras & the contractor may have to restore to conform to plan without additional compensation.
 - Shop drawings of all prefabricated structural systems & mechanical systems shall bear the seal of a Florida Registered Professional Engineer & shall be submitted to the Engineer of Record by the Contractor for approval.
 - Contractor shall not scale drawings. Any information that he cannot obtain from dimensions, details or schedules, he shall coordinate with Engineer of Record.
 - General Contractor shall check & coordinate work of various trades to prevent any conflicts.
 - Contractor shall provide all sub-contractors with a complete set of plans.
 - Plumbing & air conditioning shall conform to the Florida Energy Code.
 - Electrical work shall conform to National Electrical Code & County Code.
 - Provide plastic sleeves in masonry, partitions, foundations, etc., as required for utility services.
 - All bolts, clips, hangers, etc., shall be galvanized.
 - All timber construction shall conform to AITC, latest. ($f_b=1500$ psi)
 - Masonry bearing partitions shall be reinforced with a steel wire truss type reinforcing every other course.
 - Provide & install smoke detectors.
 - Cast-in-place concrete shall be per ACI-318, ACI-301 & the Standard Building Code. 7'-2" dia. in 20 days.
 - No pipe, conduit, or junction boxes to be placed in slab or columns unless specifically shown on structural drawings.
 - Reinforcing steel shall be per ACI-615, Grade 60 for main bars, grade 40 ok for stirrups and ties, (note: #2 bars can only be used in tie-column & tie-beam in a masonry wall) Cover shall be 2 (two) inches, all bars in wood or metal forms, 3 (three) inches where rock or soil is used for forms.
 - The sides of all auger holes in rock shall be washed & cleaned before placing concrete.
 - Concrete shall not be mixed-in-place in an auger hole.
 - The concrete mix shall be proportioned & produced to have a 4 (four) inch slump if consolidation is to be by vibration, & 5 (five) inch slump if by means other than vibration. The mix shall be placed within 1 (one) hour of batching, & if the mix begins to set, no attempt to re-temper it with water shall be made & the batch shall be discarded. If a truck arrives in good time from the plant & the mix has less than the 4 (four) or 5 (five) inch slump, water may be added to bring the mix in compliance with the required slump, OTHERWISE, DO NOT ADD WATER AT JOB-SITE, except for surface finishing. In no event shall structural concrete be pumped with less than a 4 (four) inch diameter pump.

Allowable Soil Pressure for Footings
Presumptive Capacities:
 The allowable bearing capacities for soils consisting of undisturbed sand, or sand and rock, may be taken as a maximum of 2000 psf unless a higher value is substantiated by recognized tests, analysis or procedure. This value is considered safe with respect to actual failure of the supporting ground, but does not necessarily ensure the prevention of excessive foundation settlements.
Replacement of Defective Soil
 Soil under the footings contaminated with organic materials or trash must be replaced with clean fill as below. If there is any evidence that the soils are not undisturbed sand or sand and rock, the Engineer must be notified.
Fill to Support Foundations
 A filled subgrade, laid in 6" lifts, shall be thoroughly compacted by approved methods. All fill placed under foundations shall be clean sand or rock, free of debris and other deleterious materials. Voids around rocks shall be carefully filled and properly compacted.
 The fill shall be compacted under the supervision of a Special Inspector to a minimum of 95% of maximum dry density for all layers, as verified by ASTM D1557 field density tests.

5/4" THK. x 6" W. RADIUS DECK BOARDS WITH 2-2 1/2" x 0.12 RING-SHANK NAILS AT EACH SUPPORT MIN. (TYPICAL)

NOTE: FOR EXACT LENGTH OF RAMP, DECK & LOCATION/DIRECTION SEE SITE PLAN (TYPICAL).

2x2 PICKETS @ 5" O.C. MAX. (LESS THAN 4" BETWEEN PICKETS-TYP.)

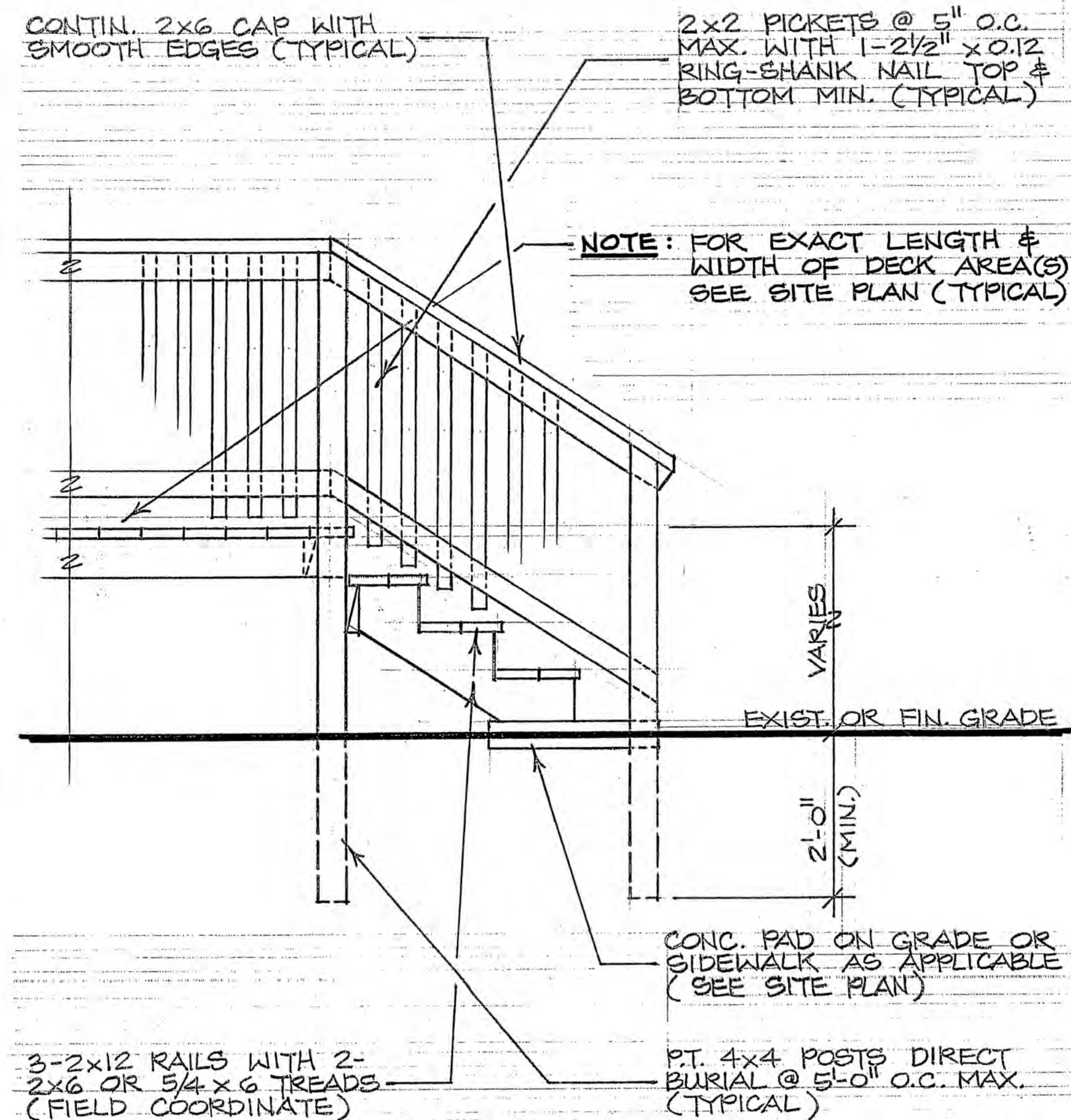
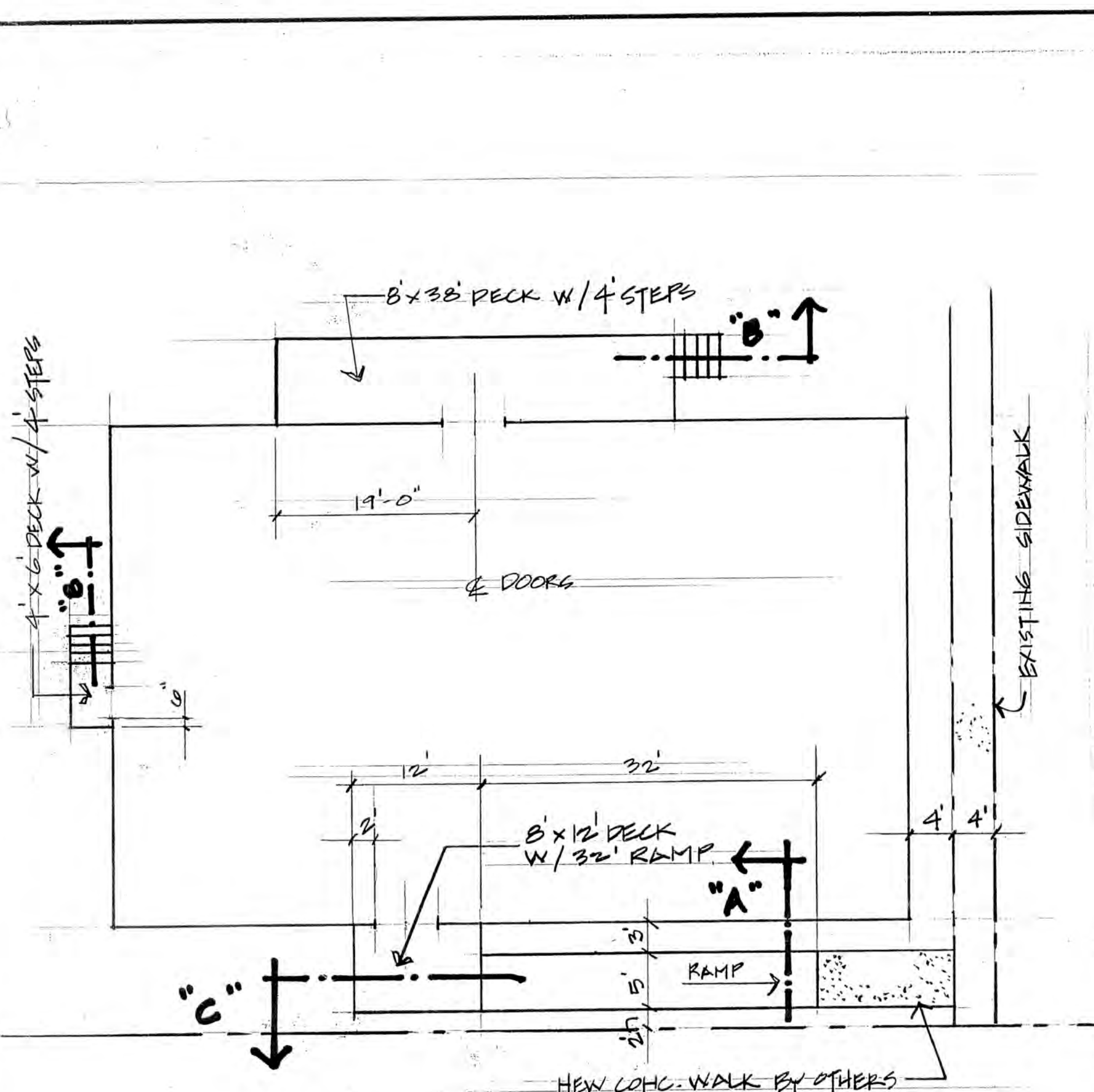


HANDICAPPED RAMP & LANDING SIDE ELEVATION VIEW 'C' SCALE: 3/4" = 1'-0"

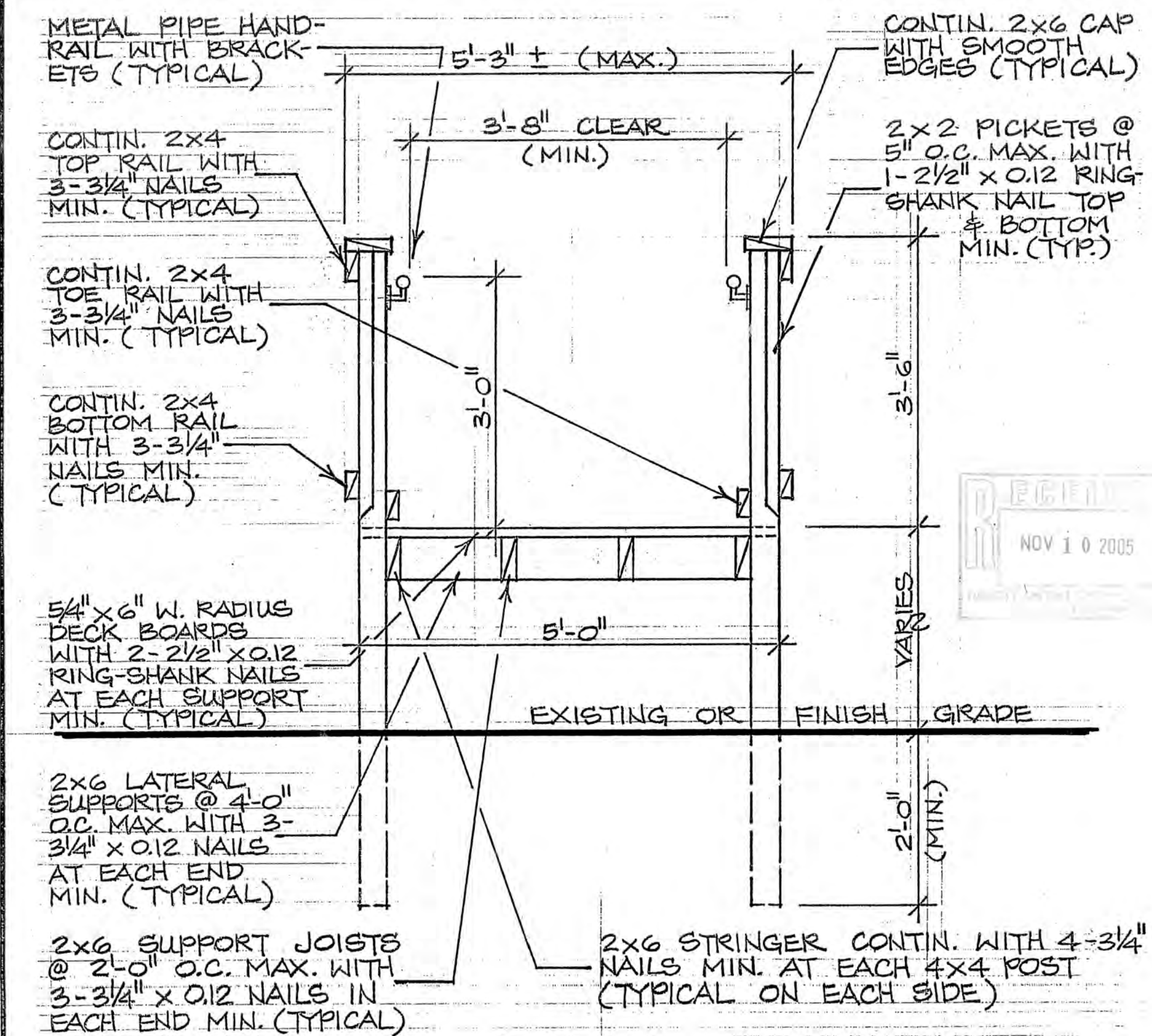
DESIGN CRITERIA

Design conforms to Florida Building Code, 2004 and ASCE 7-98

Design Wind Speed, mph	130	Compon. & Clad, psf	—	N/A
Wind Exposure	B	Floor Live Load, psf	—	80
Wind Importance Factor	1.0	Roof Live Load, psf	—	N/A
Internal Press. Coeff	N/A	Roof Dead Load, psf	—	N/A
Design Soil Load, psf	2000	Uplift, psf, Ends, Int.	—	-18.0
Occupancy, FBC, Chap. 3	SEE PLAN	Construction Type	SEE PLAN	
Building Category	Low Rise Building	Open Deck		



SECTION 'B' SCALE: 3/4" = 1'-0"



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

REVISIONS	BY

PROJECT NAME & ADDRESS:
 NEW FLIGHT OPERATIONS BUILDING
 @ CLEARWATER AIRPARK
 1000 N. HERCULES AVE.
 CLEARWATER, FL

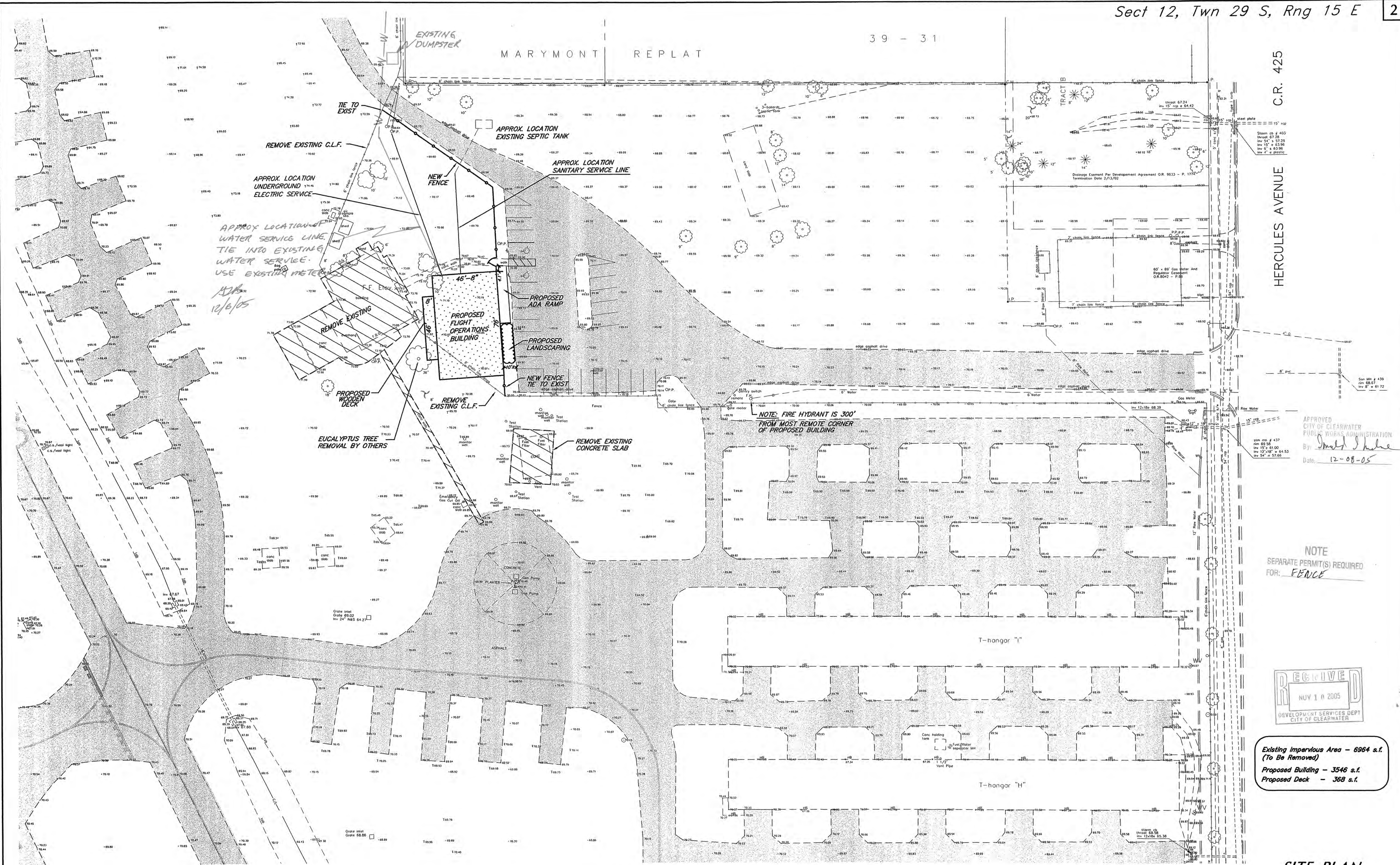
DECK DETAILS

James B. Whittum, P.E.
 FL# 27689
 8533 Acorn Ridge Court
 Tampa, Florida 33625
 813-926-9719

SEAL: James B. Whittum
 NOV 09 2005

DRAWN: B.S.
 CHECKED: J.B.W.
 DATE: _____
 SCALE: AS NOTED
 JOB NO.: _____
 SHEET: _____

DD-1
 BCP2005-11282
 1000 N HERCULES AVE
 CLEARWATER AIRPARK OP'S BLDG
 Zoning: 1
 sheets# 280A



C.R. 425
HERCULES AVENUE

APPROVED
CITY OF CLEARWATER
PUBLIC WORKS ADMINISTRATION
By: *Sheld Shale*
Date: 12-08-05

NOTE
SEPARATE PERMIT(S) REQUIRED
FOR: FENCE



Existing Impervious Area - 6964 s.f.
(To Be Removed)
Proposed Building - 3546 s.f.
Proposed Deck - 368 s.f.

SITE PLAN

RECORD DRAWINGS	
SURVEYED BY	DRAWN BY
REVIEWED BY	PROJECT ENGINEER
APPROVED BY	CITY ENGINEER MICHAEL D. QUILLEN, P.E. # 33721
DATE	DATE

CITY OF CLEARWATER, FLORIDA
PUBLIC WORKS ADMINISTRATION
ENGINEERING
100 S. Myrtle Ave.
Clearwater, FL 33758

CALL LOCAL PUBLIC
UTILITY NOTIFICATION
CENTER
TOLL FREE
1-800-432-4770
MIN. 48 HOURS BEFORE
YOU EXCAVATE

NEW FLIGHT OPERATIONS BUILDING
AT CLEARWATER AIRPARK
1000 N. HERCULES AVENUE

DRAWN BY BVD/Novo	DESIGNED BY GLB	CHECKED BY	CONTRACT NO. 05-0039-MA
SCALE VERT. NONE	SURVEYED BY	BOOK NO.	JOB NO. 2005034
HORIZ. 1"=30'	DATE DRAWN 6/05	DWG NAME 2005034	SHEET NO. 2 OF 2
APPROVED FOR CONSTRUCTION	<i>Michael D. Quillen</i>		DATE 07-14-05