

GENERAL NOTES TO GENERAL CONTRACTOR

1. PROVIDE INFORMATION FOR ALL METAL ROOFING SYSTEMS PROVIDED.

A. PROVIDE DESIGN DOCUMENTATION FOR THE ROOFING SYSTEM PROPOSED AND COMPLYING WITH FLORIDA BUILDING CODE 2004 WITH 2006 AMENDMENTS.

B. PROVIDE TESTING DOCUMENTATION FOR THE ROOFING SYSTEM PROPOSED COMPLYING WITH THE FLORIDA BUILDING CODE 2004 WITH 2006 AMENDMENTS.

C. PROVIDE ARCHITECTURAL APPROVAL ON ALL DOCUMENTS SUBMITTED FOR COMPLIANCE PER CODE.

2. PROVIDE PRE-ENGINEERED STEEL BUILDING PLANS SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER OR PROVIDE A LETTER FROM THE MANUFACTURER WHICH IDENTIFIES THE BUILDING OWNER, ADDRESS, CONTRACTOR SIZE AND ALL STRUCTURAL LOADS.

3. UNDOUBT - THE GENERAL CONTRACTOR SHALL PROVIDE A WINDOW SCHEDULE SHOWING:

A. ALL OPENINGS IN THE BUILDING AND THE DESIGN UNDOUBT LOAD ON EACH.

B. ALL WINDOWS FOR EACH OPENING SHOWING THEIR TESTED DESIGN HEETING OR EXCEEDING THE OPENING REQUIREMENTS.

C. PROVIDE DESIGN DOCUMENTATION TO VERIFY UNDOUBT UNDOUBT LOAD DESIGN TO INCLUDE METHOD OF ATTACHMENTS FOR EACH OPENING.

D. PROVIDE TESTING DOCUMENTATION TO VERIFY UNDOUBT UNDOUBT LOAD DESIGN.

E. PROVIDE ARCHITECTURAL APPROVAL ON ALL DOCUMENTATION SUBMITTED.

4. EXTERIOR LOUVERS AND VENTS - THE GENERAL CONTRACTOR SHALL PROVIDE INFORMATION SHOWING:

A. ALL OPENINGS IN THE BUILDING AND THE DESIGN UNDOUBT LOAD ON EACH.

B. ALL LOUVERS FOR EACH OPENING SHOWING THEIR TESTED DESIGN HEETING OR EXCEEDING THE OPENING REQUIREMENTS.

C. PROVIDE DESIGN DOCUMENTATION TO VERIFY LOUVERS UNDOUBT LOAD DESIGN TO INCLUDE METHOD OF ATTACHMENTS FOR EACH OPENING.

D. PROVIDE TESTING DOCUMENTATION TO VERIFY LOUVER UNDOUBT LOAD DESIGN.

RIB ROOF

METAL BUILDING SPECIFICATIONS

GENERAL SCOPE

THIS SPECIFICATION CONCERNS THE MANUFACTURE OF AND THE CONSTRUCTION DETAILS FOR METAL BUILDINGS DESIGNED AND CONSTRUCTED TO BE USED AS OFFICE BUILDING.

THE FOLLOWING METAL BUILDING MANUFACTURERS ARE ACCEPTABLE:

OTHER METAL BUILDING MANUFACTURERS MAY BE CONSIDERED, PROVIDED THAT THEY MEET ALL SECTIONS OF THIS SPECIFICATION AND THEY ARE APPROVED IN WRITING BY THE ARCHITECT.

THE BUILDING WIDTH AND LENGTH SHALL BE MEASURED FROM INSIDE TO INSIDE FACE OF THE WALL COVERING.

THE BUILDING HEAD HEIGHT SHALL BE MEASURED FROM THE BOTTOM OF THE BASE PLATE OF THE RIGID FRAME COLUMN TO THE INTERSECTING OF THE LINE REPRESENTING THE INSIDE OF THE WALL COVERING AND THE INSIDE OF THE ROOF COVERING.

SHOP DRAWINGS AND CERTIFICATIONS

THE BUILDING MANUFACTURER SHALL FURNISH COMPLETE CONSTRUCTION DETAILS SHOWING ANCHOR BOLT SIZES AND SETTINGS, SIDEWALLS, END WALLS AND ROOF FRAMING, TRANSVERSE CROSS-SECTIONS, COVERING AND FLASHING DETAILS TO CLEARLY INDICATE THE PROPER ASSEMBLY OF ALL BUILDING PARTS.

DESIGN LOADS

THE FOLLOWING CRITERIA FOR LIVE LOADS AND UNDOUBT LOADS SHALL BE FOLLOWED IN THE DESIGN OF STANDARD BUILDING COMPONENTS IN ACCORDANCE WITH FLORIDA BUILDING CODE, 2004 WITH 2006 AMENDMENTS.

LOAD LIVE LOAD (PSF) TO FURNISH UNDOUBT BUILDING CODE DESIGNATION TO FRAME

THE BUILDING SHALL BE DESIGNED TO THE LOAD COMBINATION SPECIFIED IN THE PERMA "LOW RISE BUILDING SYSTEM MANUAL", 1996 EDITION.

DESIGNS SHALL INCLUDE THE BUILDING DEAD LOAD, THE ROOF LIVE LOAD, WIND AND SEISMIC LOAD IN ACCORDANCE WITH FLORIDA BUILDING CODE WITH 2006 AMENDMENTS.

STRUCTURAL FRAMING

GENERAL

ALL FRAMING MEMBERS SHALL BE SHOP FABRICATED FOR BOLTED FIELD ASSEMBLY.

PIPE FOR COLUMNS AND OTHER STRUCTURAL UNITS SHALL BE 42,000 PSI YIELD.

SPECIAL BRACING

UNLESS OTHERWISE SPECIFIED, UNLESS DIAGONAL BRACING IS NOT PERMITTED IN THE SIDE WALL A RIGID FRAME TYPE POINT TO POINT BRACING SHALL BE USED.

FLANGE BRACING

THE INSIDE FLANGES OF ALL RIGID FRAMES SHALL BE BRACED LATERALLY BY ANGLES CONNECTED TO THE FLANGE AND LIES TO THE FRAME AND TO THE INSIDE OF THE COLUMN OR GIRT SO THAT THE ALLOWABLE COMPRESSIVE STRESS IS ADEQUATE TO RESIST THE APPLIED UNDOUBT LOADS.

BASE SUPPORT

A CONTINUOUS MEMBER SHALL BE PROVIDED TO WHICH THE BASE OF THE WALL COVERING MAY BE ATTACHED. THIS MEMBER SHALL BE 4-1/2" GAGE GALVANIZED PAINTED BRONZE BASE TRIM SECURED TO THE CONCRETE FLOOR WITH PROVEN DRYER FASTENERS OR EQUIVALENT ANCHORS.

PAINTING

ALL STRUCTURAL FRAMING MEMBERS WHICH ARE NOT GALVANIZED SHALL BE CLEANED TO REMOVE OIL, GREASE, DIRT, AND LOOSE LIME. ALL SURFACES SHALL BE GIVEN ONE SHOP COAT OF IRON OXIDE PAPER FORMULATED TO TEST OR EXCEED THE PERFORMANCE REQUIREMENTS OF FEDERAL SPECIFICATION TT-F-636.

ROOF AND WALLS

STANDARD PANELS

MATERIAL FOR 26 GAGE PANELS SHALL BE GALVALUME (70) STEEL (80,000 PSI YIELD) OR COLOR COATED GALVANIZED STEEL (80,000 PSI YIELD) CONFORMING TO ASTM SPECIFICATION A-446-GRADE E.

STANDARD PANEL PROFILES

WALL AND ROOF PANELS: 1 1/4" DEEP RIBS 12" ON CENTER WITH TWO 1/4" DEEP INTERMEDIATE STIFFENERS, 36" NET COVERAGE.

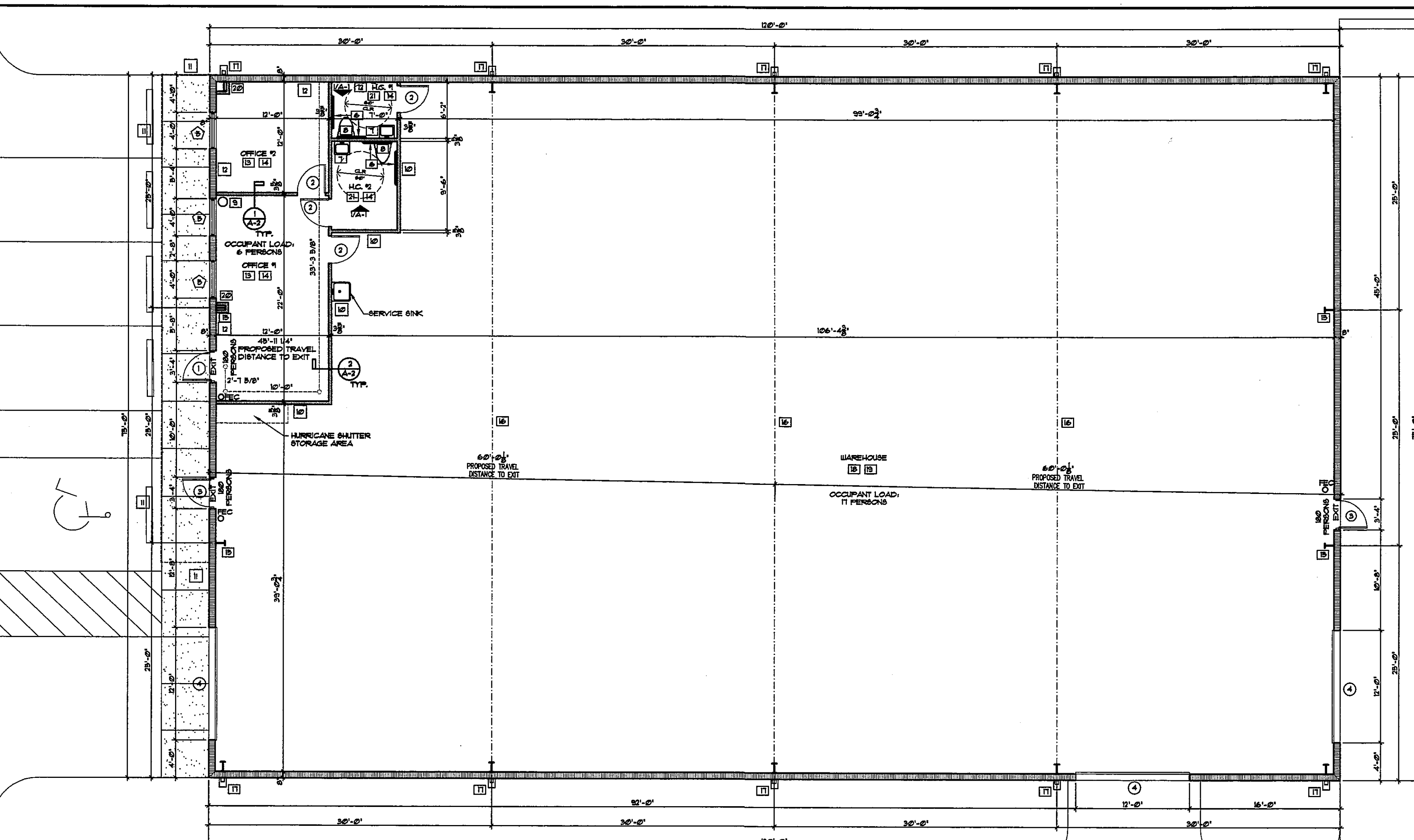
FASTENERS

ALL SELF-TAPPING FASTENERS SHALL CONFORM TO USAS8464-A AND SHALL HAVE TYPE A OR TYPE AB THREADS. ALL SELF-DRILLING FASTENERS SHALL CONFORM TO F153 UNLESS OTHERWISE SPECIFIED.

PLATING

A. ALL FASTENERS SHALL BE PLATED TO MINIMUM THICKNESS OF .0065". ALL WASHERS SHALL BE PLATED TO MINIMUM EQUAL TO G-90 GALVANIZED STEEL.

COLOR COATINGS



PROJECT DATA SUMMARY

PROJECT NAME: A NEW BUILDING FOR #13, CRYSTAL COMMERCE CENTER

APPLICABLE CODES

BUILDING CODE: FLORIDA BUILDING CODE, 2004 ED. WITH 2006 AMENDMENTS, GROUP: S-2 (STORAGE OCCUPANCY/LOW HAZARD)

MECHANICAL & PLUMBING CODE: FLORIDA BUILDING CODE, 2004 ED. WITH 2006 AMENDMENTS - PLUMBING, MECHANICAL & FUEL GAS

ELECTRICAL CODE: NEC, 2005 ED.

FIRE CODE: FLORIDA FIRE PREVENTION CODE (F.F.P.C.), 2004 ED. CHAPTER 36 IN THE FBC 2004

ACCESSIBILITY CODE: FLORIDA BUILDING CODE, 2004 ED. WITH 2006 AMENDMENTS

STRUCTURAL FORMS (SECTION 1609)

FLOOR DESIGN: LIVE LOAD: N/A p.s.f.

WIND DESIGN

GENERAL BUILDING LIMITATION (TABLE 503)

FIRE PROTECTION PER TABLE 601

INTERIOR FINISH CLASSIFICATION

INTERIOR FINISH CLASSIFICATION (FL FIRE PREVENTION CODE, 2004)

MAX. TRAVEL: 200 FT.

FLOOR PLAN

KEYNOTES:

1. INSTALL 3070 UNDOUBT DESIGN IMPACT RESISTANT, TINTED GLASS ALUMINUM DOOR AND FRAME WITH TRANSOM. AUTO CLOSER ALUMINUM THRESHOLD 1" LEATHERSTRIPPING.

2. INSTALL 3078 HOLLOW CORE WOOD DOOR IN WOOD FRAME WITH STANDARD HARDWARE. PROVIDE LEVER HANDLE HARDWARE.

3. INSTALL 12" x 12" ELECTRIC HOIST OVERHEAD STEEL COILING DOOR WITH ASSOCIATED HARDWARE AND METAL TRACK. CERTIFIED FOR 500 PPM UNDOUBT LOAD - REFER TO INSTALLATION DETAIL BY SUPPLIER.

4. INSTALL 4" x 4" x 1/2" TINTED THERMO-GLASS IN ALUMINUM FRAME CERTIFIED FOR 150 PPM UNDOUBT REFER TO INSTALLATION DETAIL BY SUPPLIER.

5. INSTALL 1 1/2" DIAMETER HANDICAP ACCESSIBLE GRAB BAR. 36" BEHIND TOILET AND 48" TO SIDE. MOUNTED @ 33" AFF.

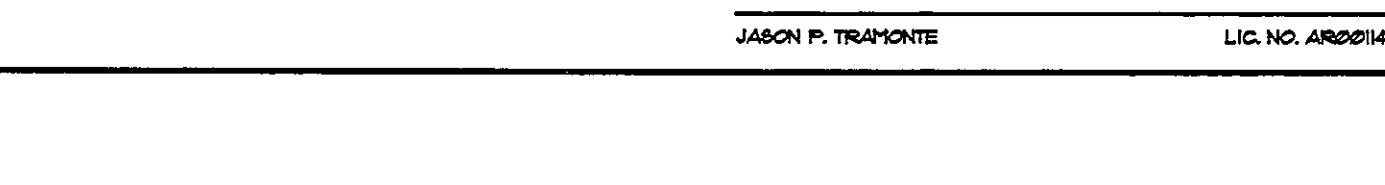
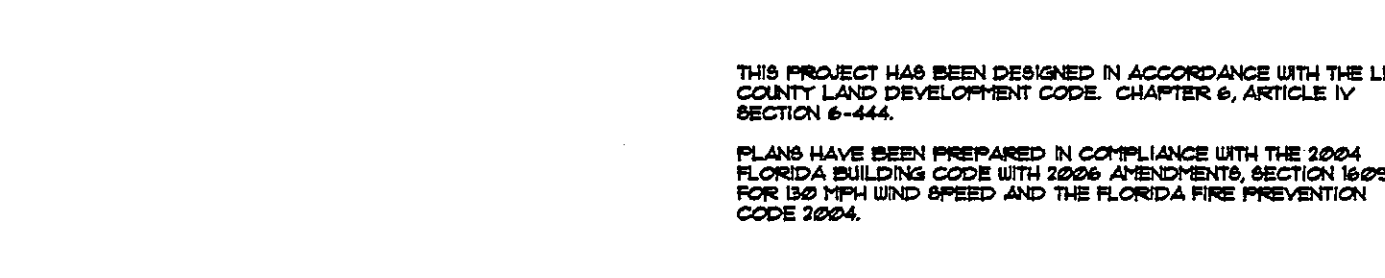
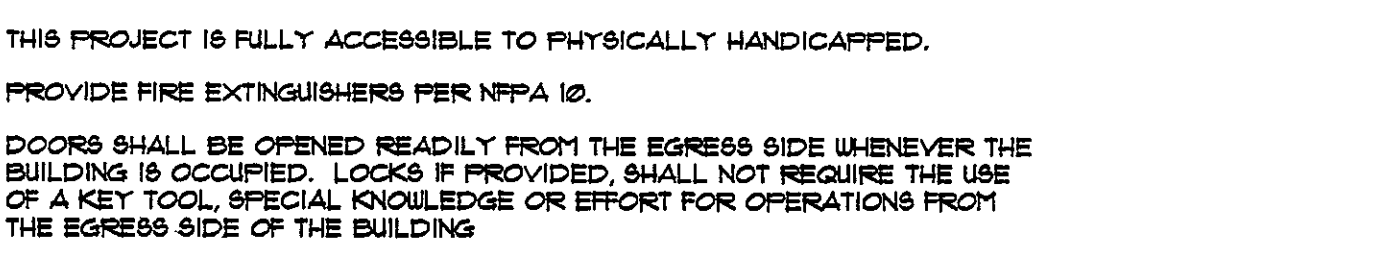
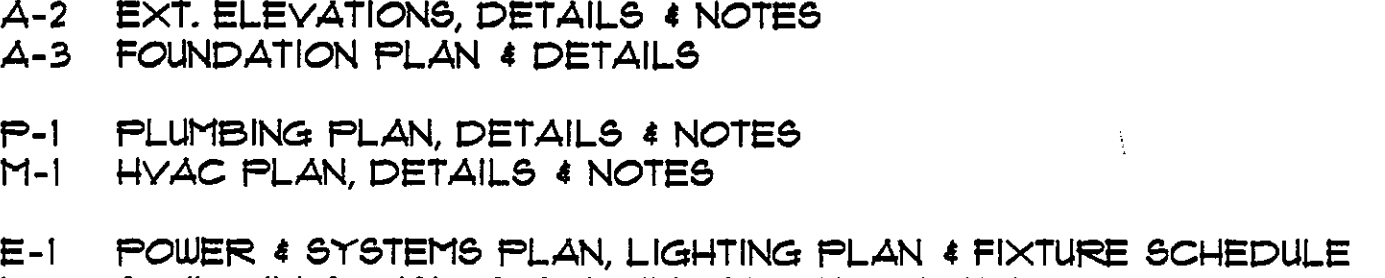
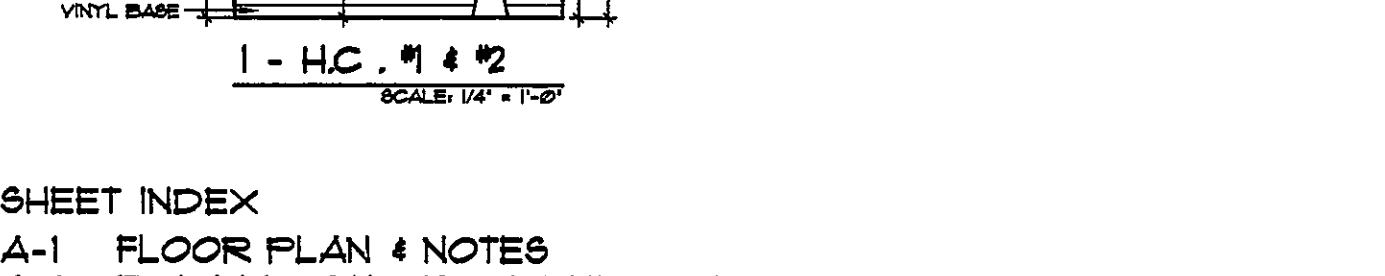
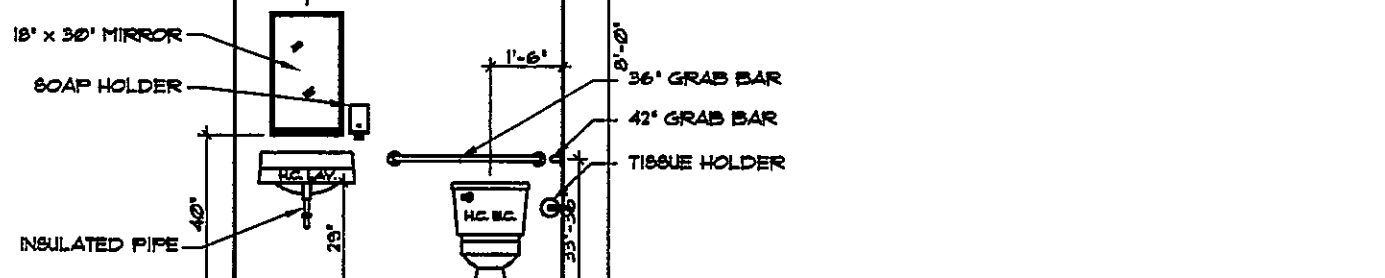
6. INSTALL WALL MOUNTED HANDICAP ACCESSIBLE LAVATORY WITH SOAP HOLDER AND 18" x 30" TYPICAL.

7. INSTALL WALL MOUNTED ACCESSIBLE TOILET (15 GALLON WATER BAY) WITH TOILET PAPER DISPENSER.

LEGEND

SCALE: 1/8" = 1'-0"

3-3/8" METAL STUDS (SEE PLAN) @ 16" O.C. W/ 1/2" PAINTED GYP. BOARD ON EACH SIDE 4" VINYL BASE.



PROJ. NO. 2007-1

DRAWN A. LA SFIA

DATE 3/12/07

CHECKED JPT

REVISIONS

DATE BY

A BUILDING FOR LOT #13

CRYSTAL COMMERCE CENTER

NEW CODE WINDOWS & DOORS

LEE COUNTY, FLORIDA

CAPE CORAL, FLORIDA 33904

AA 0002443

JASON P. TRAMONTE ARCHITECT

1625 S.E. 46TH STREET SUITE 2A

CAPE CORAL, FLORIDA 33904

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SHEET

OF 3 SHEETS