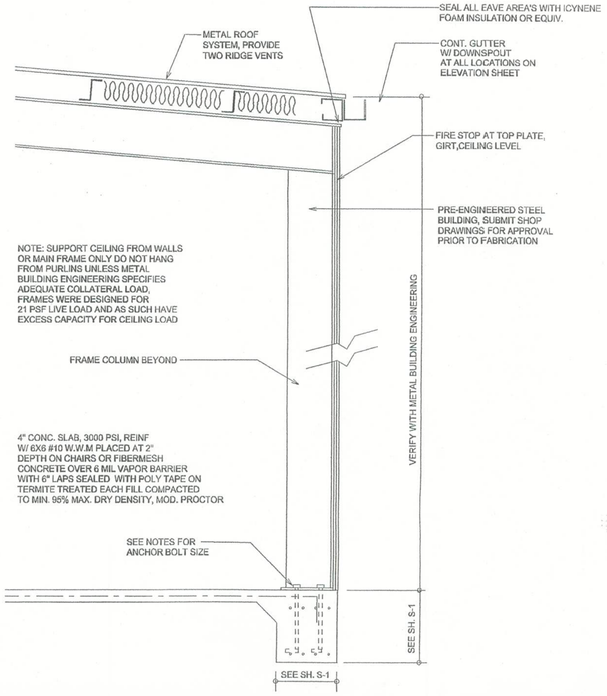
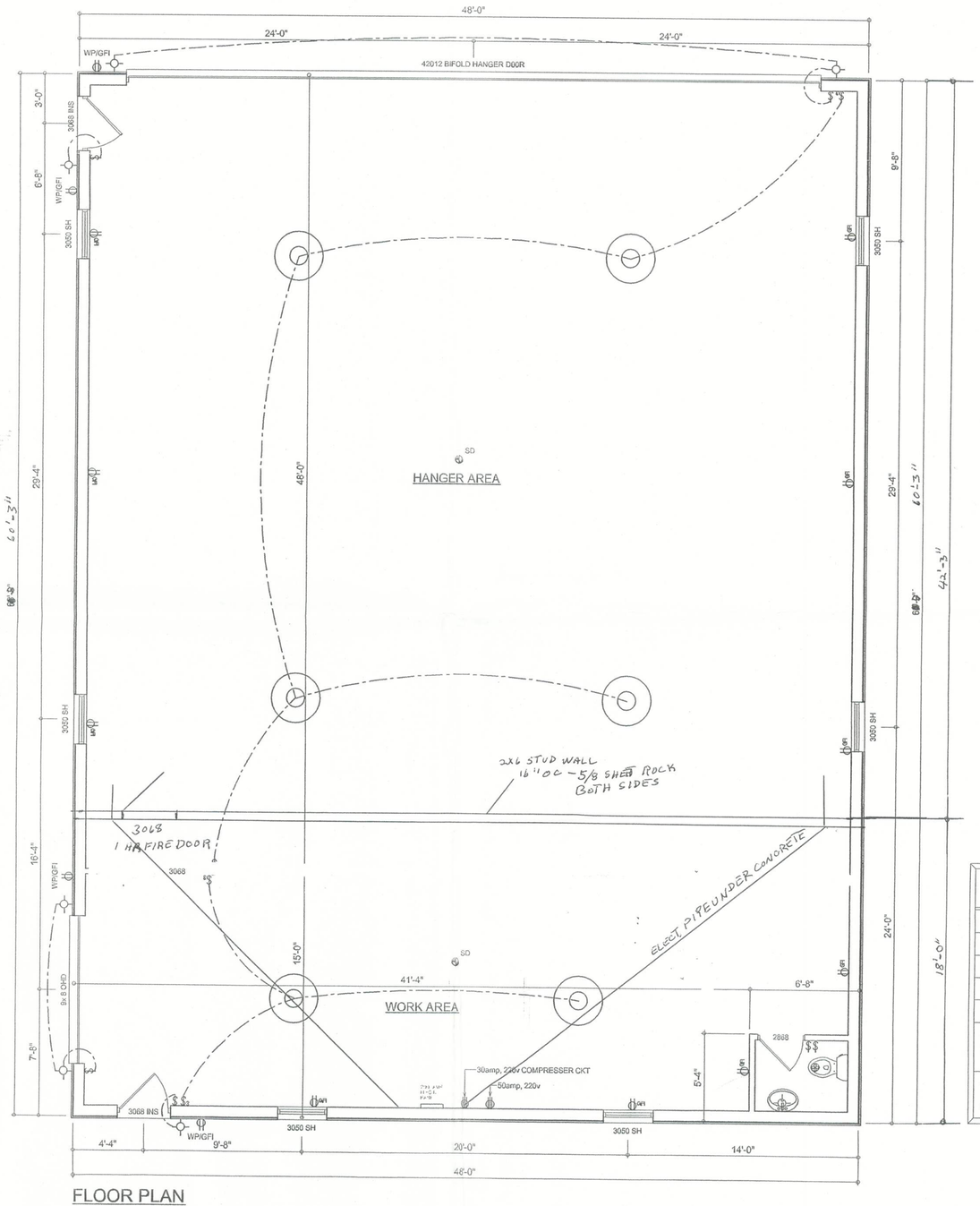


TYPICAL WALL SECTION
SCALE: N.T.S.

NOTE: THIS FOUNDATION DESIGN MEETS ALL REQUIREMENTS FOR WIND LOAD'S PER SBC-01, SECTION 1606, 110MPH BASIC WIND SPEED, EXPOSURE B, 1.0 USE FACTOR; BASED ON COLUMN REACTIONS IN MESCO BUILDING SEALED ENGINEERING FOR PROJECT 21-1398, DATED 11/07/03. COLUMN PAD LOCATIONS ARE TYPICAL, EXACT ANCHOR BOLT LOCATIONS AND SIZES ARE PER METAL BUILDING SEALED ENGINEERING ANCHOR BOLT PLAN.

- ANCHOR BOLTS AND REINFORCEMENT - 16" A-307 ANCHOR BOLTS, BOLT DIAMETER, AND LOCATION PER METAL BUILDING SEALED ENGINEERING DESIGN DRAWINGS. TIE ANCHOR BOLTS TO BOTTOM REINFORCING STEEL. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI DETAILING MANUAL, SP-66, AND ACI318. REINFORCING SHALL NOT BE HEATED OR WELDED. REINFORCING SHALL BE APPROVED BY ENGINEER OR HIS REPRESENTATIVE BEFORE CONCRETE IS PLACED. PROVIDE 4" COVER FOR EXPOSED FOOTING SURFACES, 2" COVER FOR FORMED EXPOSED SURFACES, 3/4" COVER FOR NOT EXPOSED SURFACES. LAP SPLICES SHALL BE 40 BAR DIAMETERS.

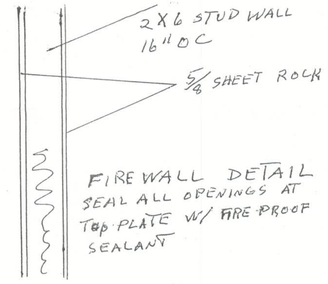
- CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE F'c = 4000 PSI. WHERE EXCESS WATER IS ADDED TO THE CONCRETE SO THAT ITS SERVICABILITY IS DEGRADED, THE ATTAINMENT OF REQUIRED STRENGTH SHALL NOT RELEASE THE CONTRACTOR FROM PROVIDING SUCH MODIFICATIONS AS MAY BE REQUIRED BY THE ENGINEER TO PROVIDE A SERVICEABLE MEMBER OR SURFACE. ALL CONCRETE SHALL BE VIBRATED. NO REPAIR OR RUBBING OF CONCRETE SURFACES SHALL BE MADE PRIOR TO INSPECTION BY AND APPROVAL OF THE ENGINEER, OWNER OR HIS REPRESENTATIVE.



FLOOR PLAN
SCALE: 1/4" = 1'-0"
TOTAL SQUARE FEET = 2646

ELECTRICAL LEGEND	
	400 WATT METAL HALIDE
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
GFI	GFI DUPLEX OUTLET
SD	SMOKE DETECTOR (see note below)
$	WALL SWITCH
$3	3 WAY WALL SWITCH
WP/GFI	WATER PROOF GFI OUTLET
48" FLOUR.	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY ALL ACTIVATE.



ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1606, FLORIDA BUILDING CODE, 2004 EDITION.	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATAGORY:	CATAGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MWFRS PER TABLE 1606.2A (FBC 2001) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADING PER TABLES 1606.2B & 1606.2C (FBC 2001) DESIGN WIND PRESSURES:	OP'NGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.9 / - 25.5 PSF

REVISIONS
November 08, 2005

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

A CUSTOM RESIDENCE FOR:
HAROLD & CYNTHIA FRANKEL
PROJECT ADDRESS: LOT 1, SOUTHERN APPROACHES UNIT ONE, LAKE CITY, FLORIDA 32025

08 NOV 2005
AR0007005

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JOB NUMBER
050608

SHEET NUMBER
A.2
OF 2 SHEETS