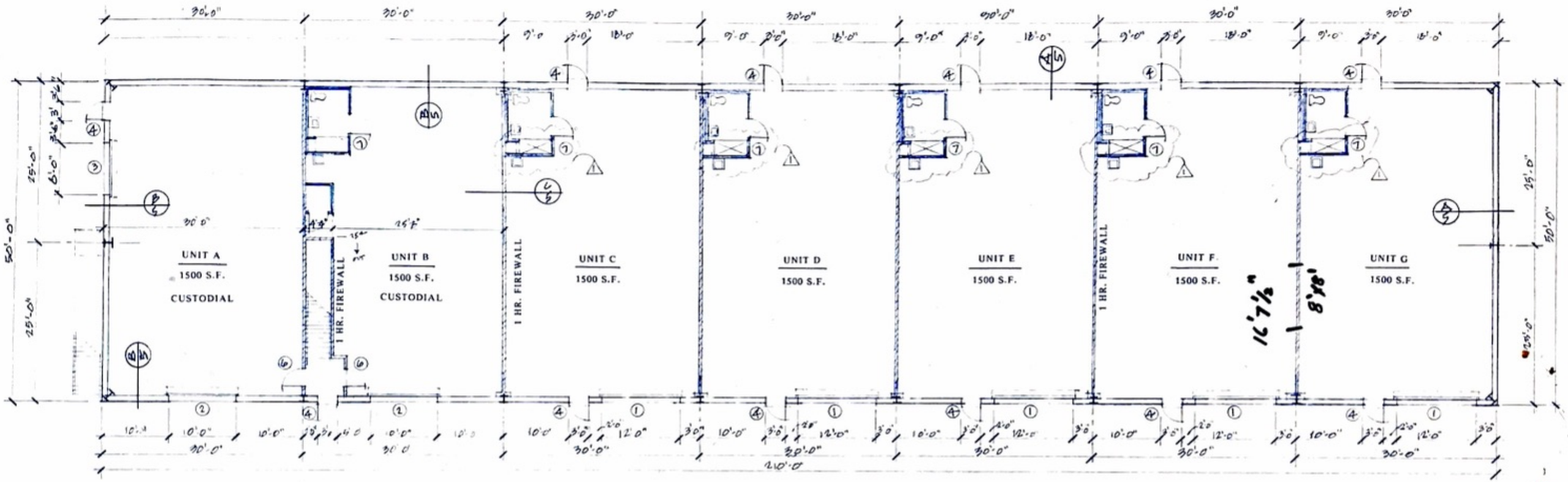
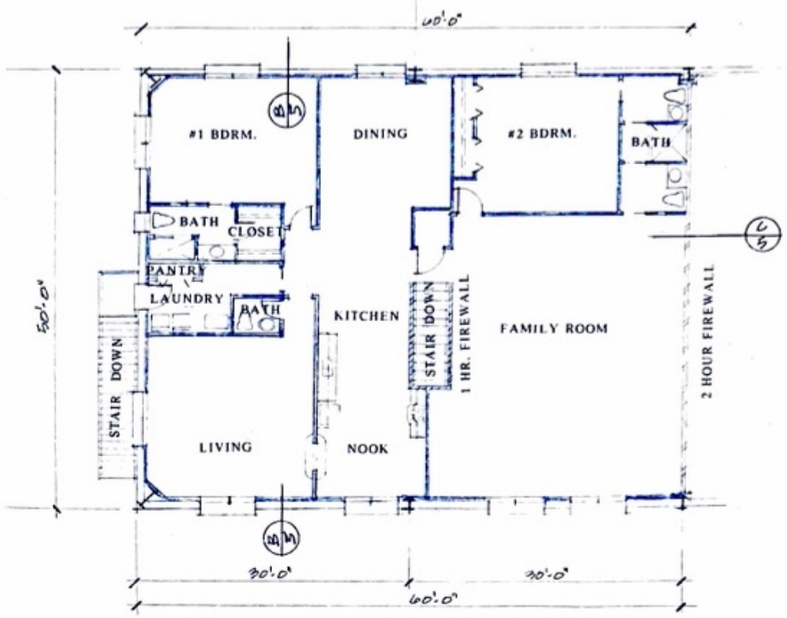


FIRST FLOOR PLAN

1/8"=1'-0"

10,500 S.F. 13,508 S.F. TOTAL



NOTE! THE METAL BUILDING PACKAGE, AND THE FOUNDATION PLAN, BOTH SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER, WILL BE SUPPLIED BY THE CONTRACTOR.

REBAR NOTE:
ALL REBAR TO BE GRADE 60
WITH MINIMUM 48 BAR DIA LAPS

CUSTODIAL RESIDENCE 3008 S.F.

SECOND FLOOR PLAN

1/8"=1'-0"

SEE ENLARGED FLOOR PLAN

CODE ANALYSIS SUMMARY

PER FLORIDA BUILDING CODE 2004 EDITION WITH THE 2006 SUPPLEMENTS.

CHAPTER 3, THIS PROJECT IS R-3 AND S-2

PER TABLE 302.3.2 , 2 HR. SEPARATION REQUIRED
WALLS= UL#419
FLOOR= 4" CONCRETE FLOOR, PER TABLE 720.1 –3.6 " I.T. WT. CONC.
=2 HR.S
PER TABLE 601 TYPE IIB ALL ELEMENTS ARE NON-COMBUSTIBLE
PER TABLE 503 TYPE IIB
S-2= 4 STORIES AND 26,00 S.F.
R-4=4 STORIES AND 16,00 S.F.
TABLE 705.4 FIREWALL RATINGS
R-3 2 HR.S ~ S-2 2 HR.S
TABLE 705.6 VERTICAL CONTINUITY ~ WALL TERMINATE @ ROOF SHEATHING
EXCEPTION#3 NON-COMBUSTIBLE ROOF SHEATHING & CLASS"B" ROOF
OCCUPANT LOAD TABLE 1004.1.2 FLOOR AREA / OCCUPANT
RESIDENTIAL= 200 GROSS
3074 S.F. / 200 = 15.87 (16)
EGRESS WIDTH TABLE 1005.1 R-3 OCCUPANCY UNSPRINKLED
STAIRS = .3 X 16 = 4.8" MIN. OTHER EGRESS= .2 X 16 = 3.2 " MIN.
SECTION 1015 TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE
WITH-OUT SPRINKLER = 175'
SECTION 1016 CORRIDORS CORRIDOR WIDTH 1016.2 EX. #2 LOAD <THAN 50
TABLE 1016.1 CORRIDOR FIRE RESISTANCE RATING
R = MORE THAN 10 = 1 HR. W/O SPRINKLER

CODE REFERENCES:
2004 FLORIDA BUILDING CODE W/ 2006 SUPPLEMENTS
2004 FLORIDA FIRE PREVENTION CODE
2005 NATIONAL ELECTRICAL CODE
2005 FLORIDA ADMINISTRATIVE CODE
2005 FLORIDA STATUTES
NOTE: LIST MAY NOT INCLUDE ALL CODES, STATUTES, ORDINANCES, ETC. THAT APPLY TO THIS PROJECT.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF 2004 EDITION OF THE FLORIDA BUILDING CODE - BUILDING
IT IS DESIGNED TO WITHSTAND 120 MPH WIND LOADS.
MINIMUM DESIGN PRESSURE FOR OPENING IS +34.4 PSF. ALL CONNECTIONS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS. INT PRESSURE IS 0

NOTES:
1. WIND IMPORTANCE FACTOR IS 1 (ONE) BUILDING CATEGORY 2 (TWO).
2. WIND EXPOSURE: "EXPOSURE B"
3. WINDOWS TO BE IMPACT RESISTANT. WINDOWS TO COMPLY WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE - BUILDING. SEE MANUFACTURE'S SPECIFICATION.

REVISIONS
4-17-07

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A WAREHOUSE FOR:
RICHARD MURPHY
107 SARATOGA AVE.
DELAND, FLORIDA

Date 3-30-07
Scale 1/8"=1'-0"
Drawn ERIC
Job
Sheet 1
Of 7 Sheets