

NOTES:

- 1.) Monumentation is as shown and designated on the face of the plat.
- 2.) Boundary based on instruction from client, monumentation found in place, description furnished by client, prior survey by this Company.
- 3.) Bearings projected from South section line and based on above referenced prior survey by this Company.
- 4.) Interior improvements were located by field ties.
- 5.) Underground encroachments, if present, were not located with this survey.
- 6.) This survey was made without benefit of a title search. There may be additional easements, restrictions, etc. not shown hereon but found in the Public Records. Issues regarding title, land use & zoning, easements & other encumbrances are not a part of the scope of a Boundary Survey and can only be revealed with a title search.
- 7.) Date of field survey completion: January 24, 2005.
- 8.) Examination of the Flood Insurance Rate Maps (FIRM) for Columbia County shows that, per said maps, the described parcel lies within Flood Zone "X", which according to said maps is outside of the 500 year flood plain (ref: Community Panel No. 120070 0175 B).

BOUNDARY SURVEY

IN SECTION 17, TOWNSHIP 4 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA

DESCRIPTION:

PARCEL A
A parcel of land in Section 17, Township 4 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

BEGIN at the intersection of the South line of Section 17 with the Easterly Right-of-Way line of U.S. Highway No. 41 and run North 36°12'47" West along said Easterly Right-of-Way line a distance of 30.31 feet; thence North 87°26'14" East a distance of 179.22 feet; thence North 45°42'15" West a distance of 114.86 feet; thence North 27°57'24" West a distance of 43.65 feet; thence South 83°19'01" West a distance of 77.79 feet; thence North 31°11'51" West a distance of 33.66 feet to a point on the North line of a parcel of land recorded in O.R. Book 296, Page 197 of the Public Records of Columbia County, Florida; thence North 83°19'01" East along said North line a distance of 383.41 feet to the East line of said parcel of land recorded in O.R. Book 296, Page 197 of the Public Records of Columbia County, Florida; thence South 01°27'08" East along said East line a distance of 200.00 feet to a point on the South line of Section 17; thence South 87°26'14" West along said South line of Section 17 a distance of 350.00 feet to the POINT OF BEGINNING. Containing 1.23 acres, more or less.

AND ALSO

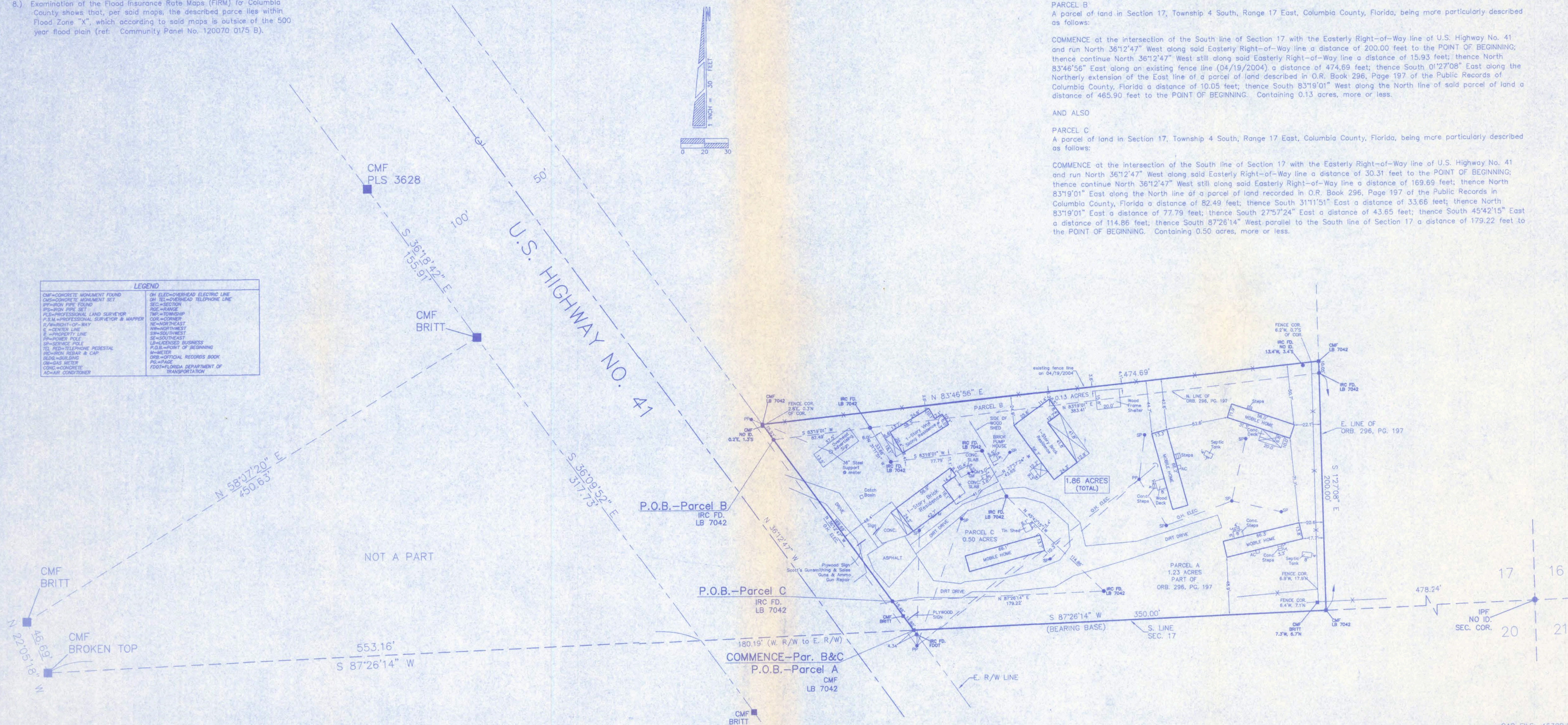
PARCEL B
A parcel of land in Section 17, Township 4 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the intersection of the South line of Section 17 with the Easterly Right-of-Way line of U.S. Highway No. 41 and run North 36°12'47" West along said Easterly Right-of-Way line a distance of 200.00 feet to the POINT OF BEGINNING; thence continue North 36°12'47" West still along said Easterly Right-of-Way line a distance of 15.93 feet; thence North 83°46'56" East along an existing fence line (04/19/2004) a distance of 474.69 feet; thence South 01°27'08" East along the Northerly extension of the East line of a parcel of land described in O.R. Book 296, Page 197 of the Public Records of Columbia County, Florida a distance of 10.05 feet; thence South 83°19'01" West along the North line of said parcel of land a distance of 465.90 feet to the POINT OF BEGINNING. Containing 0.13 acres, more or less.

AND ALSO

PARCEL C
A parcel of land in Section 17, Township 4 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the intersection of the South line of Section 17 with the Easterly Right-of-Way line of U.S. Highway No. 41 and run North 36°12'47" West along said Easterly Right-of-Way line a distance of 30.31 feet to the POINT OF BEGINNING; thence continue North 36°12'47" West still along said Easterly Right-of-Way line a distance of 169.69 feet; thence North 83°19'01" East along the North line of a parcel of land recorded in O.R. Book 296, Page 197 of the Public Records of Columbia County, Florida a distance of 82.49 feet; thence South 31°11'51" East a distance of 33.66 feet; thence North 83°19'01" East a distance of 77.79 feet; thence South 27°57'24" East a distance of 43.65 feet; thence South 45°42'15" East a distance of 114.86 feet; thence South 87°26'14" West parallel to the South line of Section 17 a distance of 179.22 feet to the POINT OF BEGINNING. Containing 0.50 acres, more or less.



CERTIFY TO: Scott A. & Tammy J. Crews
Samuel B. & Vida McGlew
Marconite Bank
Feagle & Feagle Attorneys, P.A.
Attorneys' Title Insurance Fund, Inc.

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL BASED SEAL OF A FLORIDA REGISTERED PROFESSIONAL SURVEYOR AND MAPPER

Timothy A. Delbene, P.S.M.
Florida Reg. No. 5594

DATE: ___/___/2005

CAD FILE: 4538B.DWG

Donald F. Lee and Associates, Inc.
SURVEYORS ENGINEERS
140 Northwest Ridgewood Avenue, Lake City, Florida 32055
Phone: (386) 755-6166 FAX: (386) 755-6167
Certificate of Authorization # LB 7042

| | |
|---------------------|---------------------|
| Date: 1-26-2005 | Scale: 1"=40' |
| Drafting: A V G | Field Book: 05-464 |
| Computations: A V G | Work Order: 05-4538 |
| Checked: T A D | File: B-16-36 |

SCOTT & TAMMY CREWS
SAMUEL MCGLEW

SCOTT'S GUNSMITHING

SCOTT & TAMMY CREWS

4201 S US HWY 441
LAKE CITY, FL. 32025

TO LAKE CITY



PROJECT LOCATION

TO HIGH SPRINGS

VICINITY MAP

NTS

SITE DATA

APPLICABLE CODES:
2004 FLORIDA BUILDING CODE, BUILDING w/2006 REVISIONS
2004 FLORIDA BUILDING CODE, FUEL GAS w/2006 REVISIONS
2004 FLORIDA BUILDING CODE, MECHANICAL w/2006 REVISIONS
2004 FLORIDA BUILDING CODE, PLUMBING w/2006 REVISIONS
2004 FLORIDA FIRE PREVENTION CODE
2005 NATIONAL ELECTRIC CODE

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DESCRIPTION

GENERAL NOTES
FLOOR PLAN
UPPER FLOOR PLAN
ELEVATIONS 1
ELEVATIONS 2
FOUNDATION PLAN
ELECTRICAL PLAN
UPPER ELECTRICAL PLAN
PLUMBING PLAN
HVAC PLAN
SECTIONS
SCHEDULES & DETAILS

PLANS PREPARED FOR:

SCOTT'S GUNSMITHING
SCOTT & TAMMY CREWS
4201 S US HWY 441
LAKE CITY, FL. 32025

PLANS PREPARED BY:

Freeman
Design Group
161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(888) 755-4209
CORPORATE OR AUTHORIZED USER

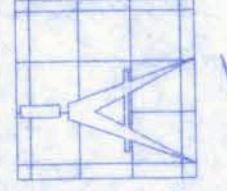
William H. Fawcett
9/23/07

P.E. 56001

9/12/07
P.E. # 56001

SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209


Freeman
Design Group inc

CERTIFICATE OF AUTHORIZATION # 0000701

| | |
|------------------------|--------------------|
| DATE 9/21/07 | DRAWN BY W.H.F. |
| REVISIONS | |
| SHEET OF | A-1 12 |
| PROJECT NO. 07.C035 | |

GENERAL NOTES

DESIGN CRITERIA

- D1 ALL WORK SHALL CONFORM TO AT LEAST THE MINIMUM STANDARD OF THE FOLLOWING CODES:
2004 FLORIDA BUILDING CODE, BUILDING w/2006 REVISIONS
2004 FLORIDA BUILDING CODE, FUEL GAS w/2006 REVISIONS
2004 FLORIDA BUILDING CODE, MECHANICAL w/2006 REVISIONS
2004 FLORIDA BUILDING CODE, PLUMBING w/2006 REVISIONS
2004 FLORIDA FIRE PREVENTION CODE
2005 NATIONAL ELECTRIC CODE.
- D2 DESIGN LOAD VALUES:
FLOOR LIVE LOADS 100 PSF
LOBBIES & CORRIDORS 50 PSF
OFFICES 20 PSF
FLOOR DEAD LOADS 2000 PSF
ASSUMED ALLOWABLE SOIL BEARING CAPACITY
- D3 THE STRUCTURAL PLANS AND WIND SPEED HAVE BEEN DESIGNED IN ACCORDANCE WITH SECTION 1609 OF THE FLORIDA BUILDING CODE 2004 EDITION.

GENERAL

- G1 THE GENERAL CONTRACTOR SHALL REVIEW AND DETERMINE THAT DIMENSIONS ARE COORDINATED BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO FABRICATION OR START OF CONSTRUCTION.
- G2 THE GENERAL CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, THE WORK PERSONS, AND OTHER PEOPLE DURING CONSTRUCTION. HE SHALL SUPERVISE AND DIRECT THE WORK AND BE RESPONSIBLE FOR ALL CONSTRUCTION & FOR ALL JOBSITE SAFETY.
- G3 NO STRUCTURAL MEMBER SHALL BE CUT NOTCHED OR OTHERWISE REDUCED IN STRENGTH.
- G4 THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ANCHORED, EMBEDDED AND SUPPORTED ITEMS WHICH AFFECT THE STRUCTURAL DRAWINGS AND NOTIFY THE ARCHITECT/ENGINEER ON ANY DISCREPANCIES
- G5 ANY SUBMITTALS RECEIVED BY A/E THAT HAVE NOT BEEN CHECKED BY THE GC AND HIS SUBCONTRACTOR SHALL BE RETURNED WITHOUT REVIEW.
- G6 ALL SECTIONS AND DETAILS SHALL BE CONSTRUED TO BE TYPICAL OR SIMILAR UNLESS ANOTHER SECTION OR DETAIL IS NOTED.
- G7 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION, INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE A/E FOR RESOLUTION.

FOUNDATIONS

- F1 A GEOTECHNICAL REPORT FOR THIS PROJECT WAS NOT PROVIDED BY THE OWNER. THESE PLANS ARE BASED UPON AN ASSUMED ALLOWABLE BEARING CAPACITY OF 2000 PSF. THE CONTRACTOR SHALL ENGAGE A QUALIFIED AND CERTIFIED GEOTECHNICAL ENGINEER TO DETERMINE THE ALLOWABLE SOIL BEARING CAPACITY. A COPY OF THE REPORT SHALL BE PROVIDED TO THE A/E. IF THE DETERMINED ALLOWABLE BEARING CAPACITY IS LESS THAN THE ASSUMED VALUE, MODIFICATIONS TO THE FOUNDATIONS MAY BE REQUIRED.
- F2 THE GEOTECHNICAL ENGINEER SHALL MAKE A FIELD INVESTIGATION TO DETERMINE IF ANY SOIL CONDITIONS ARE PRESENT THAT MAY ADVERSELY AFFECT THE PROJECT. THE CONTRACTOR SHALL REMOVE ALL SUCH MATERIAL AND REPLACE IT WITH APPROVED FILL.
- F3 SUBGRADE UNDER FOOTINGS AND SLABS SHALL BE COMPACTED TO AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557). SUBMIT DENSITY TESTS TO THE A/E.

SLABS ON GRADE

- S1 PROVIDE 6 MIL POLYETHYLENE SHEETING UNDER ALL SLABS ON GRADE.
- S2 PROVIDE CONTROL JOINTS (1/4" WIDE BY 1 1/2" DEEP) AS INDICATED ON PLAN. FILL JOINTS WITH POURED RUBBER. IF JOINTS ARE SAWCUT, SAWCUTTING MUST BE DONE THE SAME DAY THE CONCRETE IS PLACED.
- S3 PROVIDE 1/2" EXPANSION JOINTS AT ALL LOCATIONS WHERE SLABS ABUT STRUCTURES (WALLS, COLUMNS, ETC.)

CONCRETE AND REINFORCING

- C1 THE GENERAL CONTRACTOR SHALL ENGAGE A CERTIFIED TESTING AGENCY TO PERFORM INDUSTRY STANDARD TESTING INCLUDING SLUMP TESTS AND CYLINDER BREAKS TO ENSURE CONFORMANCE WITH PLANS. SUBMIT REPORTS TO A/E.
- C2 CONCRETE WORK & MIX DESIGN SHALL CONFORM TO ACI 301 (LATEST EDITION) "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS". MIXING SHALL BE IN ACCORDANCE WITH ASTM C94.
- C3 MINIMUM 28-DAY COMPRESSIVE STRENGTH:
FOOTINGS AND TIE BEAMS : 3,000 PSI
COLUMNS AND SLABS : 3,000 PSI
- C4 SPLICES OF REINFORCING (EXCEPT AS SHOWN ON PLANS)
#4 BARS : 20 INCHES
#5 BARS : 27 INCHES
WELDED WIRE MESH : 6"
- C5 AT ALL CORNERS OF TIE BEAMS AND WALL FOOTINGS, PROVIDE CORNER BARS (30 INCH MINIMUM LEGS) TO MATCH HORIZONTAL BARS.
- C6 REINFORCING BARS SHALL CONFORM TO ASTM A615-98a GRADE 60. WELDED WIRE MESH SHALL CONFORM TO ASTM A-185. LAP WELDED WIRE MESH ON MESH + 2" WHERE SPLICED.
- C7 MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED.

| LOCATION | MIN COVER |
|--------------------|-----------|
| BOTTOM OF FOOTINGS | 3" |
| SIDES OF FOOTINGS | 3" |
| COLUMNS | 1 1/2" |
| TIE BEAMS | 1 1/2" |
| SLABS | AS NOTED |

MASONRY

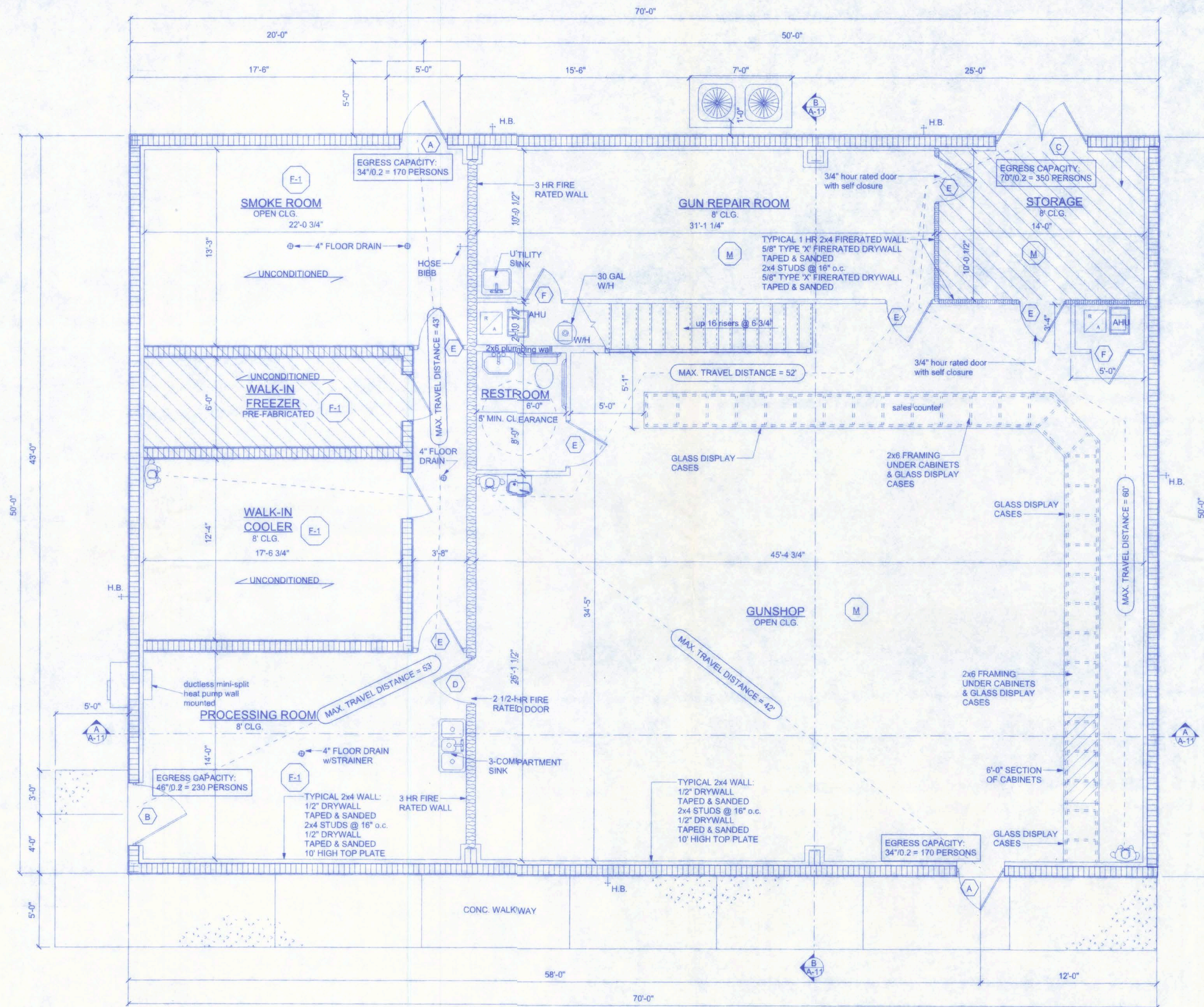
- M1 MASONRY CONSTRUCTION SHALL CONFORM TO ACI STANDARD BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (ACI 530-88/ASCE 5-88) AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-88/ASCE 6-88)

NOTE:
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION, AND IN ACCORDANCE WITH ASCE-7

| | | |
|---------------------------------|-----------|-----------------|
| BASIC WIND SPEED | | 110 MPH |
| IMPORTANCE FACTOR | | 1.0 |
| BUILDING CATEGORY | | 2 |
| EXPOSURE | | B |
| INTERNAL PRESSURE COEFFICIENT | | +/- 0.18 |
| COMPONENT AND CLADDING PRESSURE | WALLS | +21.8/-29.1 PSF |
| | ROOF | +12.5/-29.1 PSF |
| | OVERHANGS | -71.6 PSF |
| TYPE OF STRUCTURE | | ENCLOSED |
| ROOF DEAD LOAD | | 10 psf |
| ROOF LIVE LOAD | | 20 psf |
| FLOOR DEAD LOAD | | 20 psf |
| FLOOR LIVE LOAD | | 40 psf |

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

| STRUCTURAL MEMBER | ALLOWABLE DEFLECTION |
|--|----------------------|
| rafters having slopes greater than 2/12 with no finished ceiling attached to rafters | L/180 |
| interior walls and partitions | H/180 |
| floors and plastered ceilings | L/360 |
| all other structural members | L/240 |
| exterior walls with plaster or stucco finish | H/360 |
| exterior walls - wind loads with brittle finishes | L/240 |
| exterior walls - wind loads with flexible finishes | L/120 |



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

TYPICAL 1 HR CEILING:
Base layer 5/8" Type X gypsum wallboard applied at right angles to joist or truss 24" o.c. with 1 1/4" Type S or Type W drywall screws 24" o.c. Face layer 5/8" Type X gypsum wallboard or veneer base applied at right angles to joist or truss through base layer with 1 7/8" Type S or Type W drywall screws 12" o.c. at joints and intermediate joist or truss. Face layer Type G drywall screws placed 2" back on either side of face layer and joints, 12" o.c.

NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:
ANSI/AAMA/NWDA 101/182 2/97

THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

| BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED. | |
|--|----------------------|
| BUILDING GROUP OCCUPANCY | GROUP F-1 |
| TABLE 503 TYPE OF CONSTRUCTION | TYPE III B |
| TABLE 503 AREA/HEIGHT LIMITATIONS | 12.0 KSF/2 STORY |
| OCCUPANCY | DEER PROCESSING SHOP |
| LOAD CAPACITY: 300/GROSS = 1,112 SF/300 = 3.7 | 4 OCCUPANTS |

| BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED. | |
|--|---------------------|
| BUILDING GROUP OCCUPANCY | GROUP M |
| TABLE 503 TYPE OF CONSTRUCTION | TYPE III B |
| TABLE 503 AREA/HEIGHT LIMITATIONS | 12.5 KSF/4 STORY |
| OCCUPANCY | SCOTT'S GUNSMITHING |
| LOAD CAPACITY: 60/GROSS = 2,260 SF/60 = 37.67 100/GROSS = 450 SF/100 = 4.5 SF | 43 OCCUPANTS |

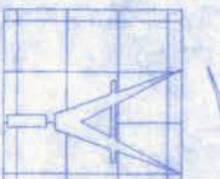
| AREA SUMMARY: | |
|----------------------|----------------|
| MERCANTILE (M) LOWER | 2338 SF |
| MERCANTILE (M) UPPER | 486 SF |
| FACTORY (F-1) | 1162 SF |
| TOTAL AREA | 3986 SF |

NOTE:
provide a readily visible sign on or adjacent to all egress doors stating: THIS EXIT TO REMAIN UNLOCKED WHEN THIS BUILDING IS OCCUPIED. the sign shall have 1" lettering with contrasting background.

NOTE:
SINCE THE OCCUPANT LOAD IS LESS THAN 50, & THE TRAVEL DISTANCE IS LESS THAN 75 FEET, 1-HR CORRIDORS ARE NOT REQUIRED.

SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209

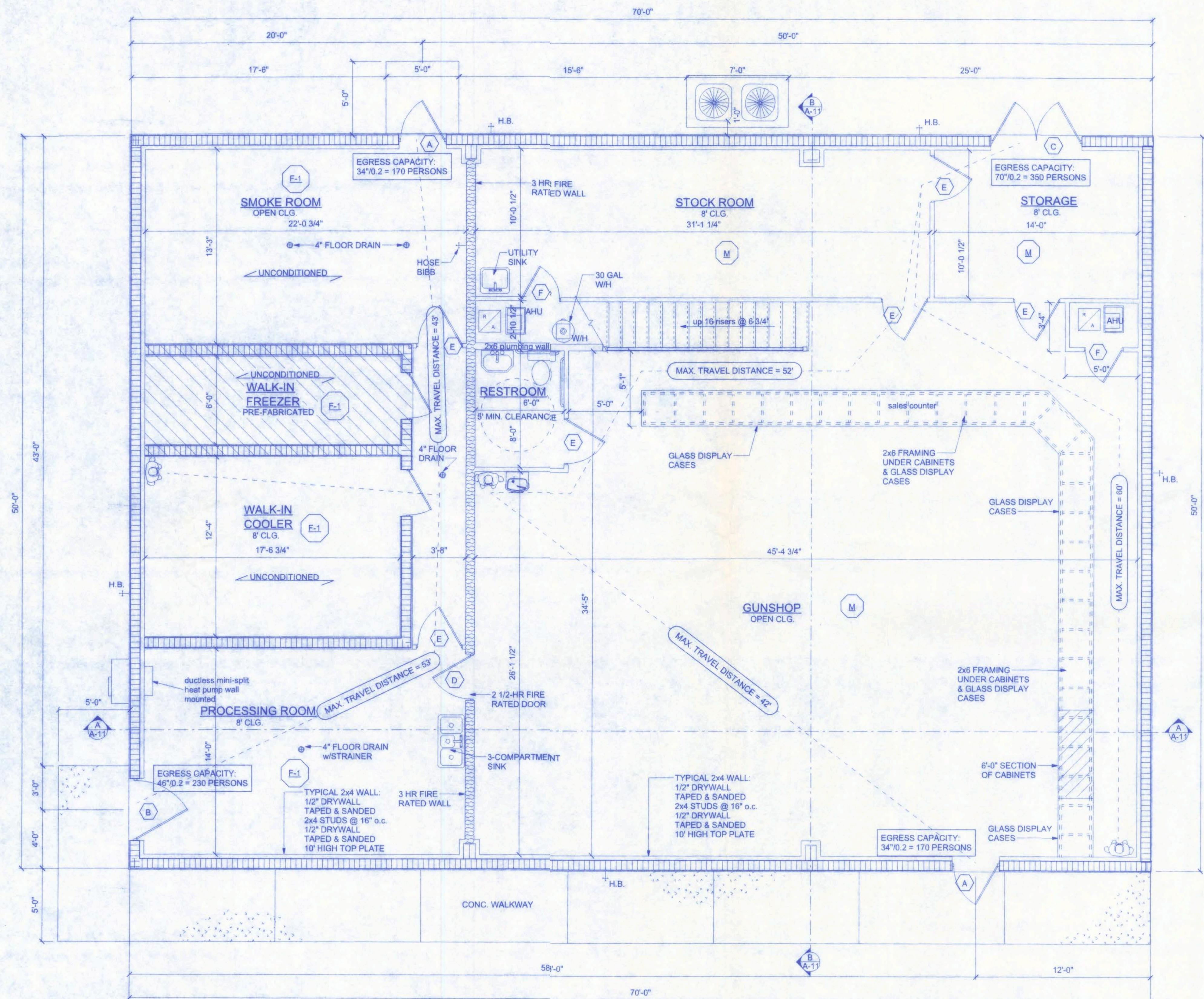


Freeman
Design Group Inc.

| | |
|------------------------|--------------------|
| DATE 9/21/07 | DRAWN BY W.H.F. |
| REVISIONS | |
| SHEET OF | A-2 12 |
| PROJECT NO. 07.0035 | |

CERTIFICATE OF AUTHORIZATION # 00000701

Walter H. Freeman
10/19/07
P.E. # 56001



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

NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:
ANSI/AAMA/NWDA 101/IS2 2/97

THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

| BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED. | |
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| LOAD CAPACITY: 80/GROSS = 2,260 SF/80 = 37.67 100/GROSS = 450 SF/100 = 4.5 SF | 43 OCCUPANTS |

AREA SUMMARY:

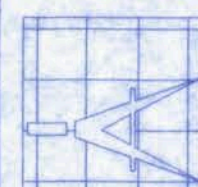
| | |
|----------------------|----------------|
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| MERCANTILE (M) UPPER | 486 SF |
| FACTORY (F-1) | 1162 SF |
| TOTAL AREA | 3986 SF |

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provide a readily visible sign on or adjacent to all egress doors stating: THIS EXIT TO REMAIN UNLOCKED WHEN THIS BUILDING IS OCCUPIED. the sign shall have 1" lettering with contrasting background.

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SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209



Freeman
Design Group

DATE: 9/21/07
DRAWN BY: W.H.F.

REVISIONS

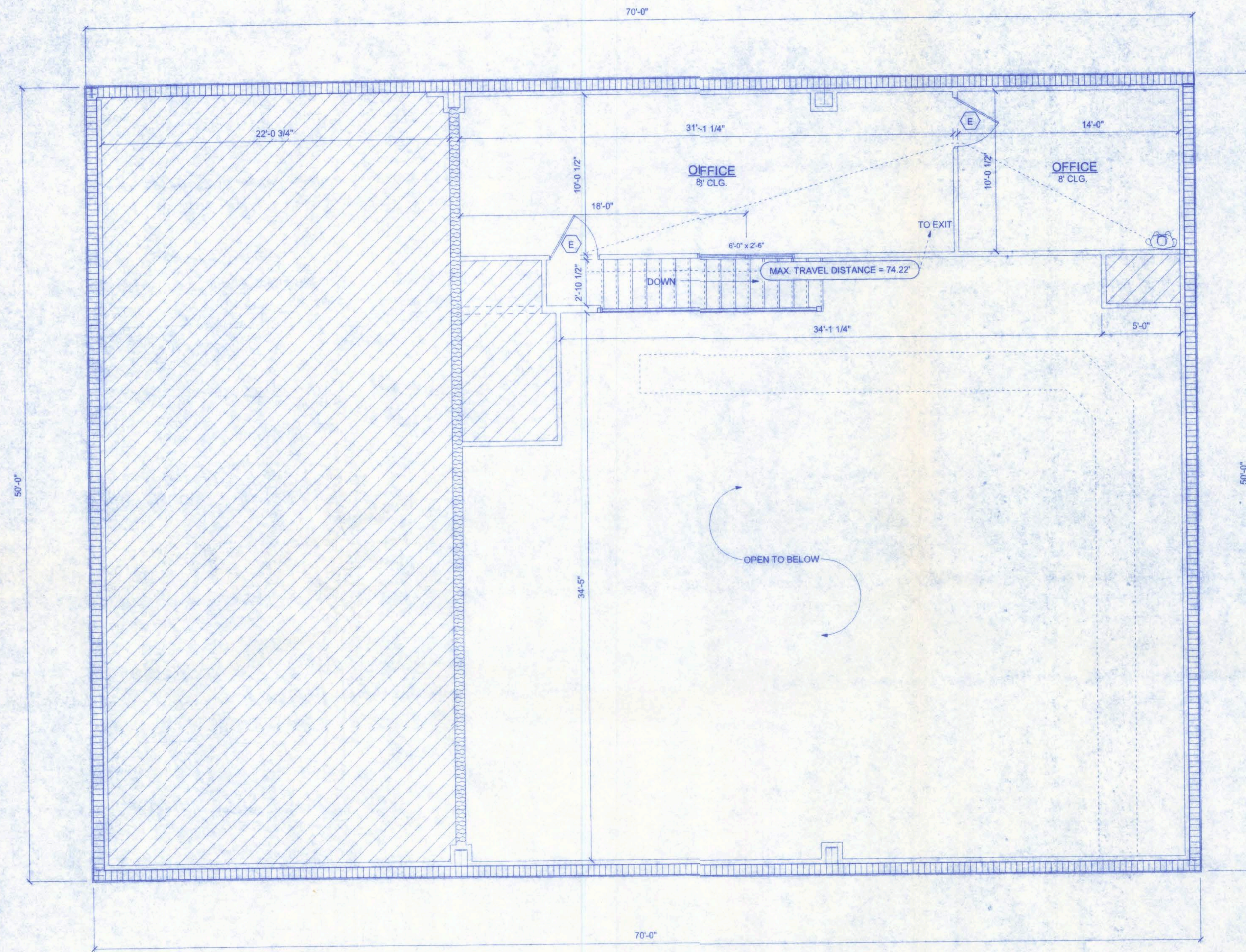
SHEET: A-2

OF: 12

PROJECT NO.: 07.C035

CERTIFICATE OF AUTHORIZATION # 00008701

9/21/07
P.E. #5601

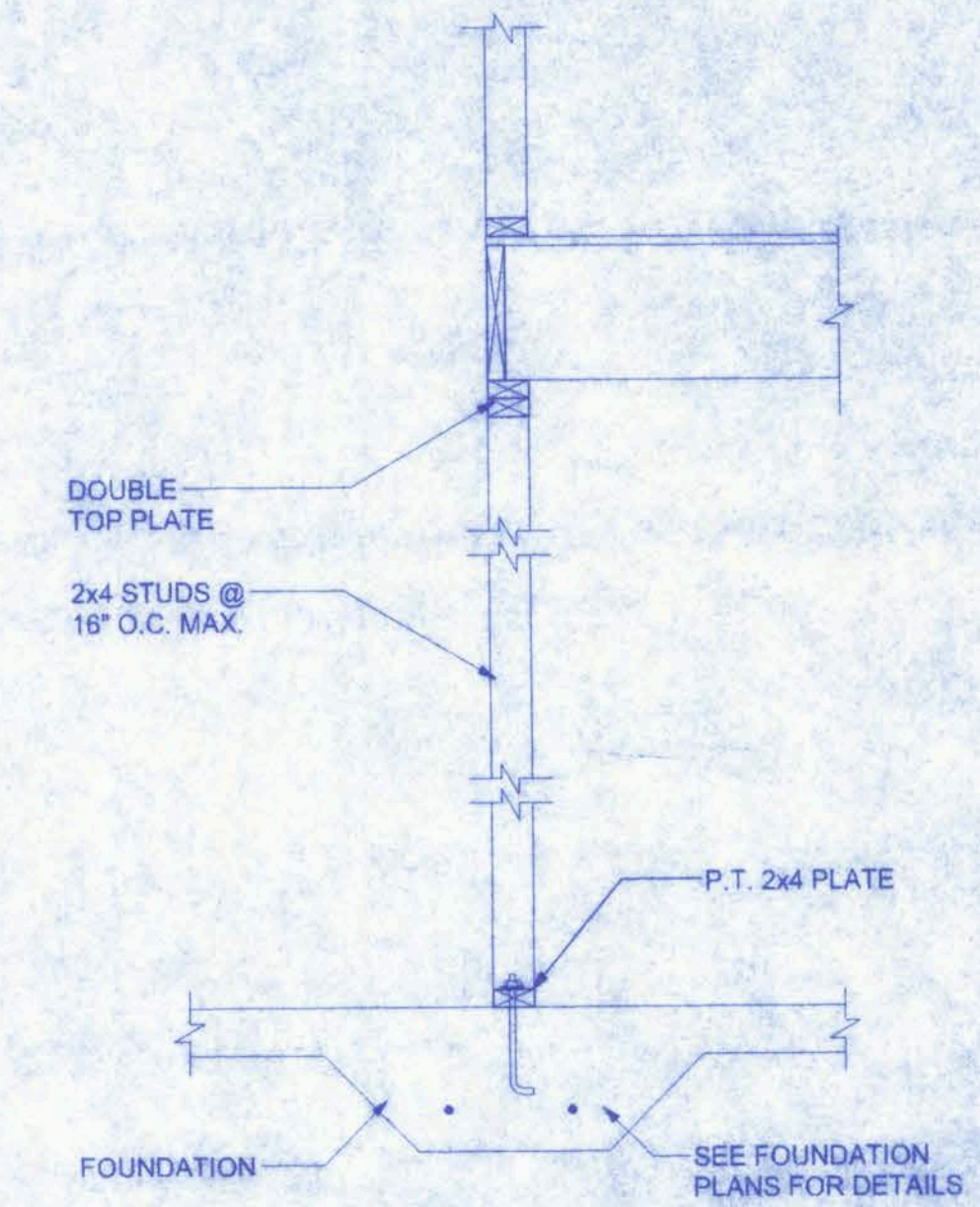


UPPER FLOOR PLAN
SCALE: 1/4" = 1'-0"

WINDOW SCHEDULE:

| DESCRIPTION | SIZE | COUNT |
|---------------|---------------|-------|
| 72X30 ONE-WAY | 6'-0" x 2'-6" | 1 |

DOOR SCHEDULE:
SEE SHEET A-12



INTERIOR BRG. WALL DETAIL

LIFE SAFETY NOTES

ALL EXIT AND EMERGENCY LIGHTING SHALL BE INSTALLED PER NEC 700-12, 2001 EDITION.

ACCESS TO EXITS SHALL BE MARKED BY APPROVED READILY VISIBLE SIGNS IN ALL CASES WHERE THE EXIT OR WAY TO REACH THE EXIT IS NOT READILY APPARENT TO THE OCCUPANTS. SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT ACCESS CORRIDOR IS MORE THAN 100 FT FROM THE NEAREST EXTERNALLY ILLUMINATED SIGN AND IS NOT IN EXCESS OF THE MARKED RATING FOR INTERNALLY ILLUMINATED SIGNS.

ALL FIRE EXTINGUISHERS SHALL BE TYPE 20AB AND SHALL BE LOCATED SO THAT NO POINT IN THE DIRECTION OF TRAVEL FROM ANY POINT IS MORE THAN 75 FT TO THE FIRE EXTINGUISHER.

STAIR INFO:

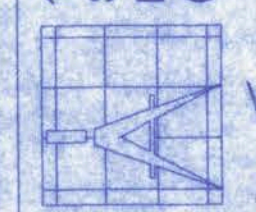
| STAIR SPECIFICATIONS: |
|-----------------------|
| WIDTH = 3'-4" |
| STAIR RUN = 13'-8" |
| STAIR RISE = 9'-0" |
| 16 RISERS @ 8 3/4" |
| 15 TREADS @ 11" |

| |
|------------------------------|
| 24" <= 2R + 1T <= 25" |
| 24" <= 2(6.75") + 11" <= 25" |
| 24" <= 24.5" <= 25" |

W.H.F.
9/21/07
P.E. #59001

SCOTT'S GUNSMITHING

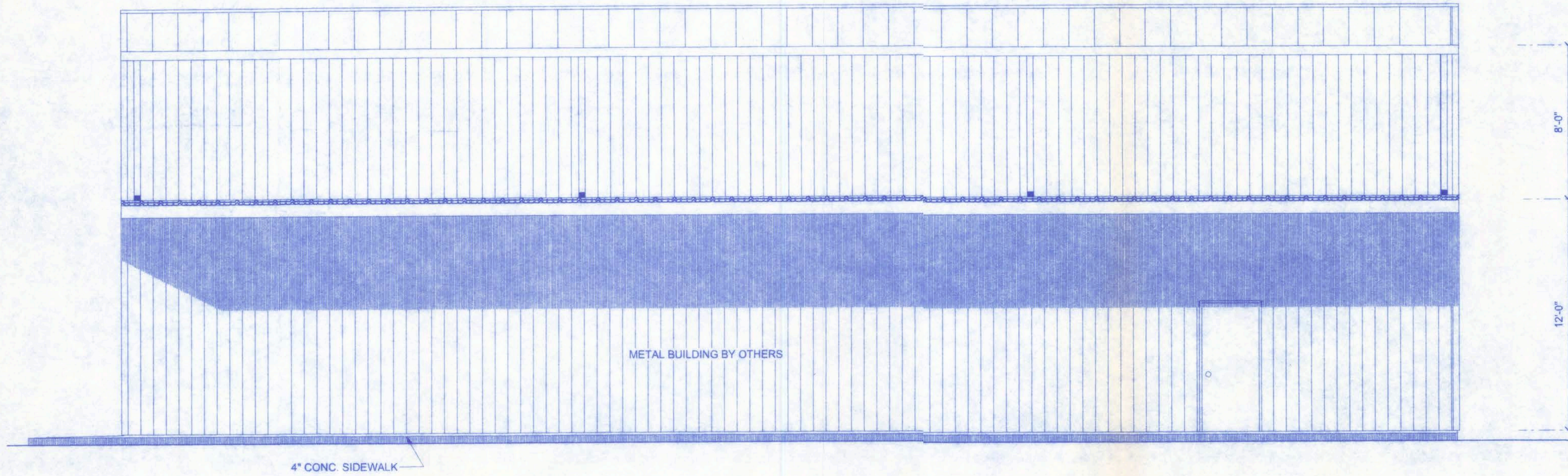
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4203
CERTIFICATE OF AUTHORIZATION # 00088701



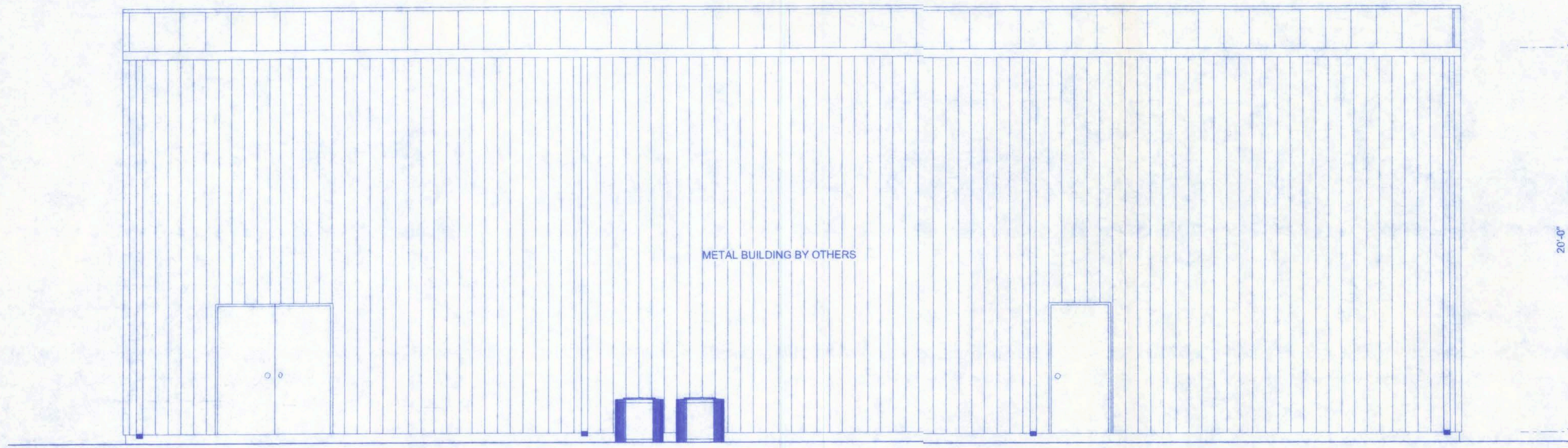
Freeman
Design Group INC.

| DATE | DRAWN BY |
|---------|----------|
| 9/21/07 | W.H.F. |

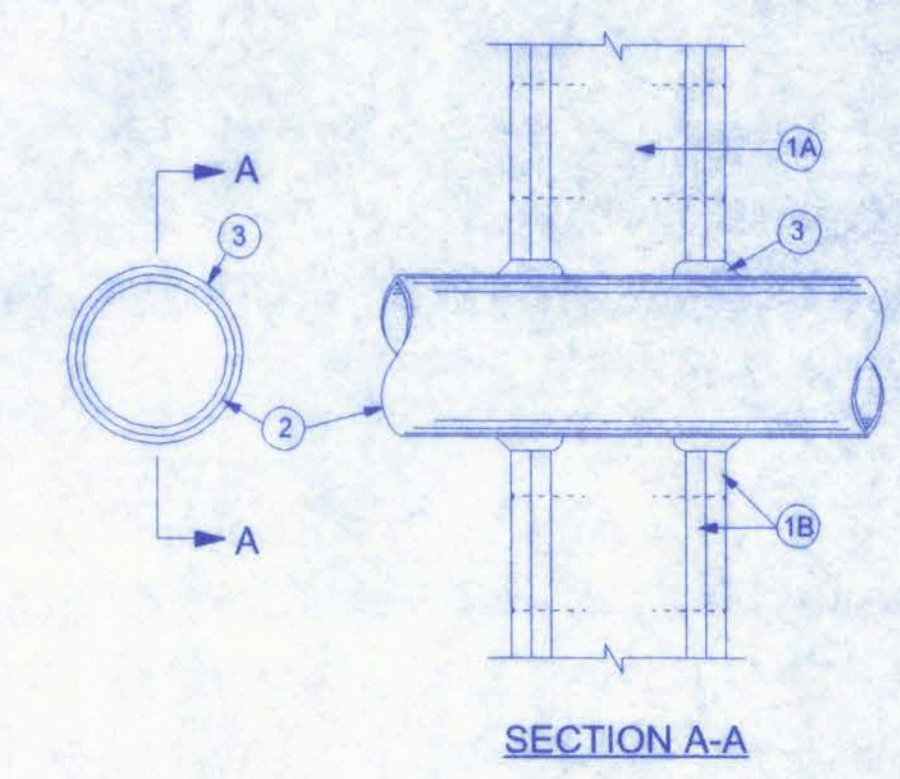
| REVISIONS | |
|------------------------|-----|
| SHEET | A-3 |
| OF | 12 |
| PROJECT NO. 07.C035 | |



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



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



System No. W-L-1001

Wall Assembly - The 1, 2, 3, or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in Section 709 FBC 2001 edition and shall include the following construction features:

A. Studs - wall framing may consist of either wood studs (max. 2 h fire rated assemblies) or steel channel studs. Wood studs to consist of nom. 2x4 in. lumber and end plates and cross braces. Steel studs to be min. 3-5/8 in. wide by 1-3/8 in. deep channels spaced max. 24" o.c.

B. Gypsum Board - Nom. 1/2" or 5/8" thick, 4 ft. wide with square or tapered edges. The gypsum wall board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max. diameter of opening is 26 in.

2. Through Penetrant - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min. of 0 in. (point contact) to max. 2 in. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types of sizes and metallic pipes, conduits or tubing may be used:

A. Steel Pipe - Nom. 24 in. diam (or smaller) Schedule 10 (or heavier) Steel Pipe.

B. Iron Pipe - Nom. 24 in. diam. (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in. diam. (or smaller) or Class 50 (or heavier) ductile iron pipe.

C. Conduit - Nom. 6 in. diam (or smaller) steel conduit or nom. 4 in. diam. (or smaller) steel electrical metallic tubing.

D. Copper Tubing - Nom. 6 in diam (or smaller) Type L (or heavier) copper pipe.

E. Copper Pipe - Nom. 6 in. diam (or smaller) Regular (or heavier) copper pipe.

F. Through Penetration Product - Flexible Metal Piping the following types of steel flexible metal gas piping may be used:

1. Nom 2 in. diam. (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

OMEGA FLEX INC.

2. Nom. 1 in. diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

TITE FLEX CORP.

A BUNDY CO

3. Nom. 1 in. diam (or smaller) steel flexible metal gas piping. Plastic covering may or may not be removed on both sides of floor or wall assembly.

WARD MFG INC

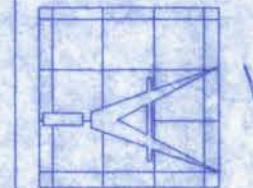
3. Fill, Void or Cavity Material - Caulk or Sealant - Min 5/8, 1-1/4, 1-7/8 and 2-1/2 in. thickness of caulk for 1, 2, 3 and 4 hr rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min 1/4 in. diam bead of caulk applied to gypsum board/penetrant interface at point of contact location on both sides of wall. The hourly F rating of the firestop is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly T rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below.

| Max. Pipe or Conduit Diam. in. | F Rating Hr. | T Rating Hr. |
|--------------------------------|--------------|--------------|
| 1 | 1 or 2 | 0+, 1 or 2 |
| 1 | 3 or 4 | 3 or 4 |
| 4 | 1 or 2 | 0 |
| 6 | 3 or 4 | 0 |
| 12 | 1 or 2 | 0 |

W.H.F.
9/22/07
P.E. # 55001

SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209



Freeman
Design Group Inc

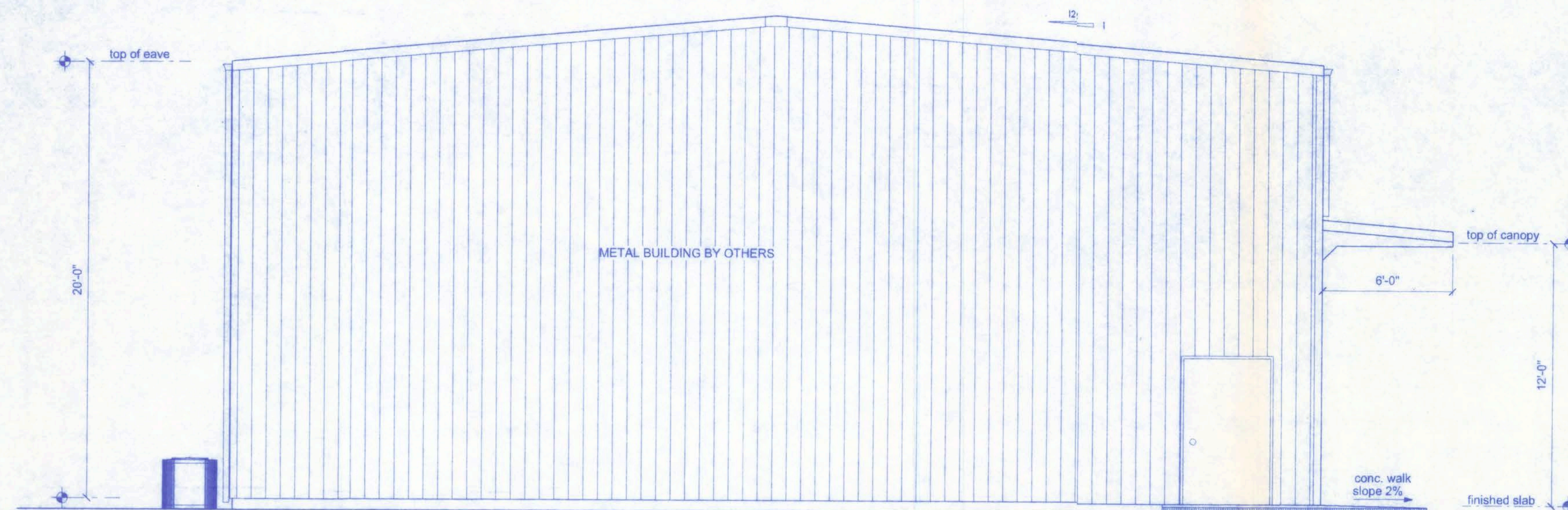
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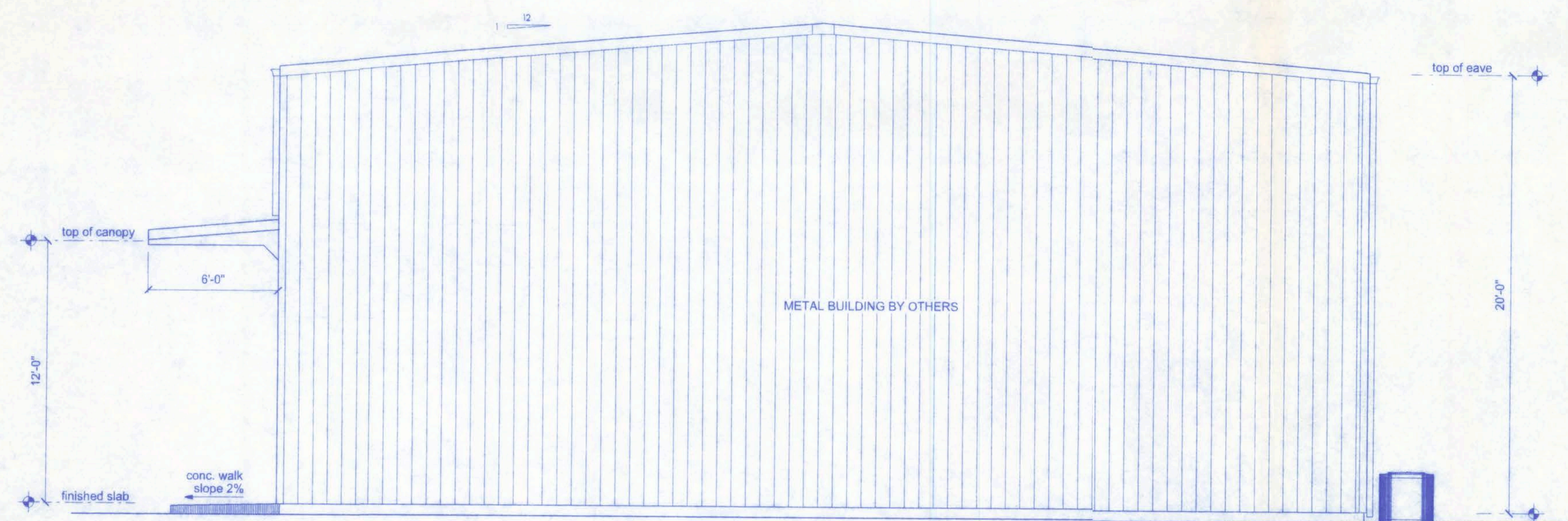
SHEET: A-4
OF: 12

PROJECT NO. 07.C035

CERTIFICATE OF AUTHORIZATION # 0008701



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



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

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
7. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
9. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

CONSTRUCTION DOCUMENTS:

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

DO NOT SCALE THESE PLANS:

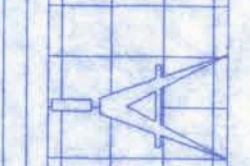
AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLAN SETS:

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENGINEER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
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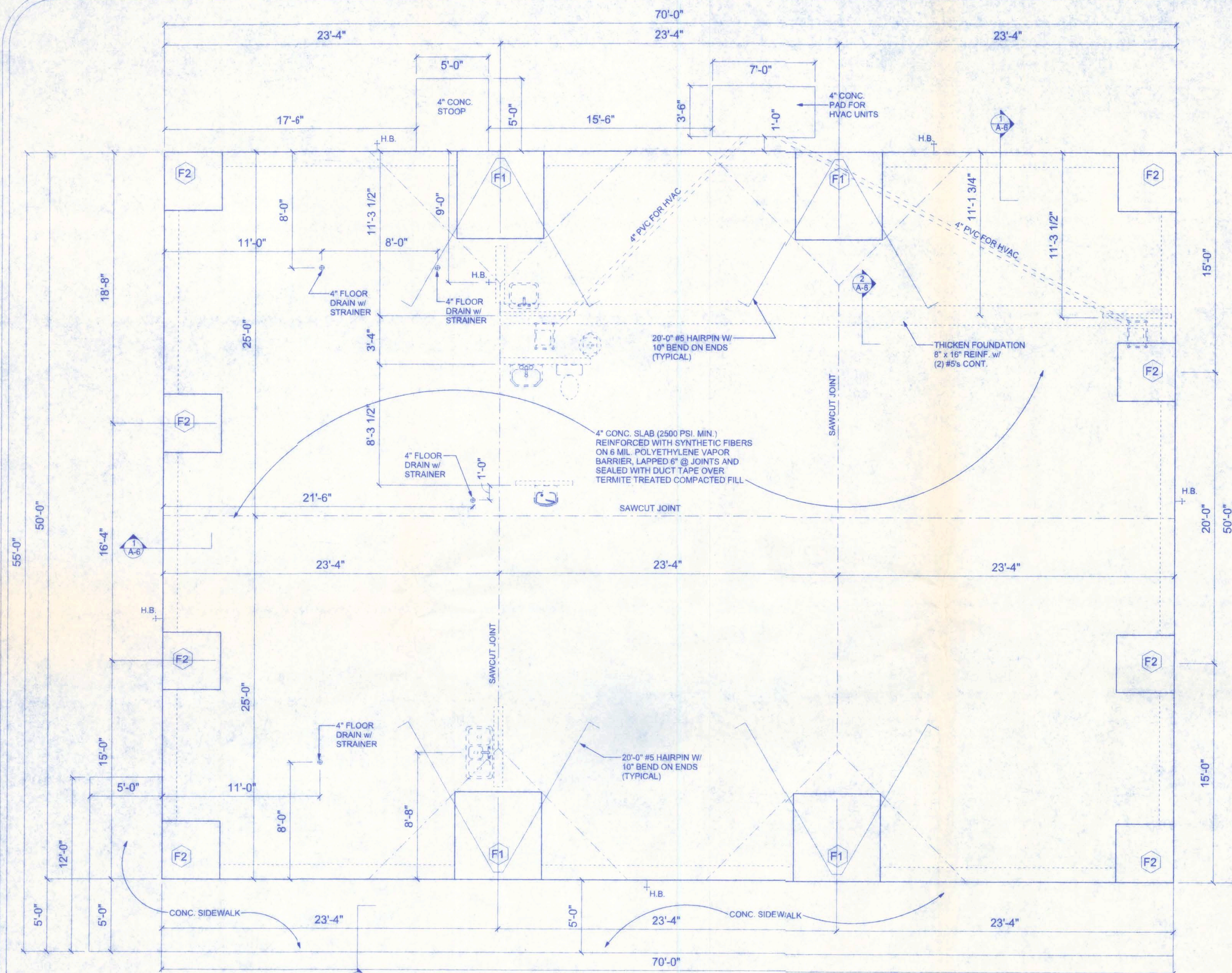
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PROJECT NO.
07.C035

SCOTT'S GUNSMITHING

W.H.F.
9/28/07
P.E. # 56001



FOUNDATION PLAN

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

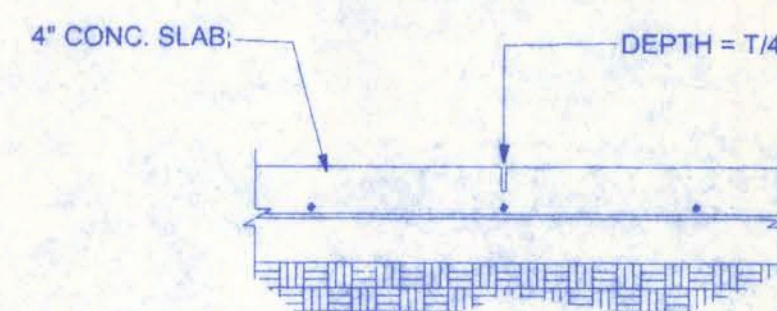
NOTE:
SEE PLANS FROM STEEL BUILDING
MANUFACTURER FOR EXACT ANCHOR
BOLT SPACING AND LAYOUT.

BEARING CAPACITY:
THE FOOTING IS DESIGNED FOR SOIL WITH AN ALLOWABLE BEARING CAPACITY
OF 2,000 PSF. THE FOOTINGS SHALL REST ON UNDISTURBED OR COMPACTED
SOIL OF UNIFORM DENSITY AND THICKNESS. AT THE OWNER'S REQUEST,
COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% OF MODIFIED
PROCTOR AND COMPACTED IN LIFTS NOT TO EXCEED 12 INCHES.

CORNER REINF. DETAIL

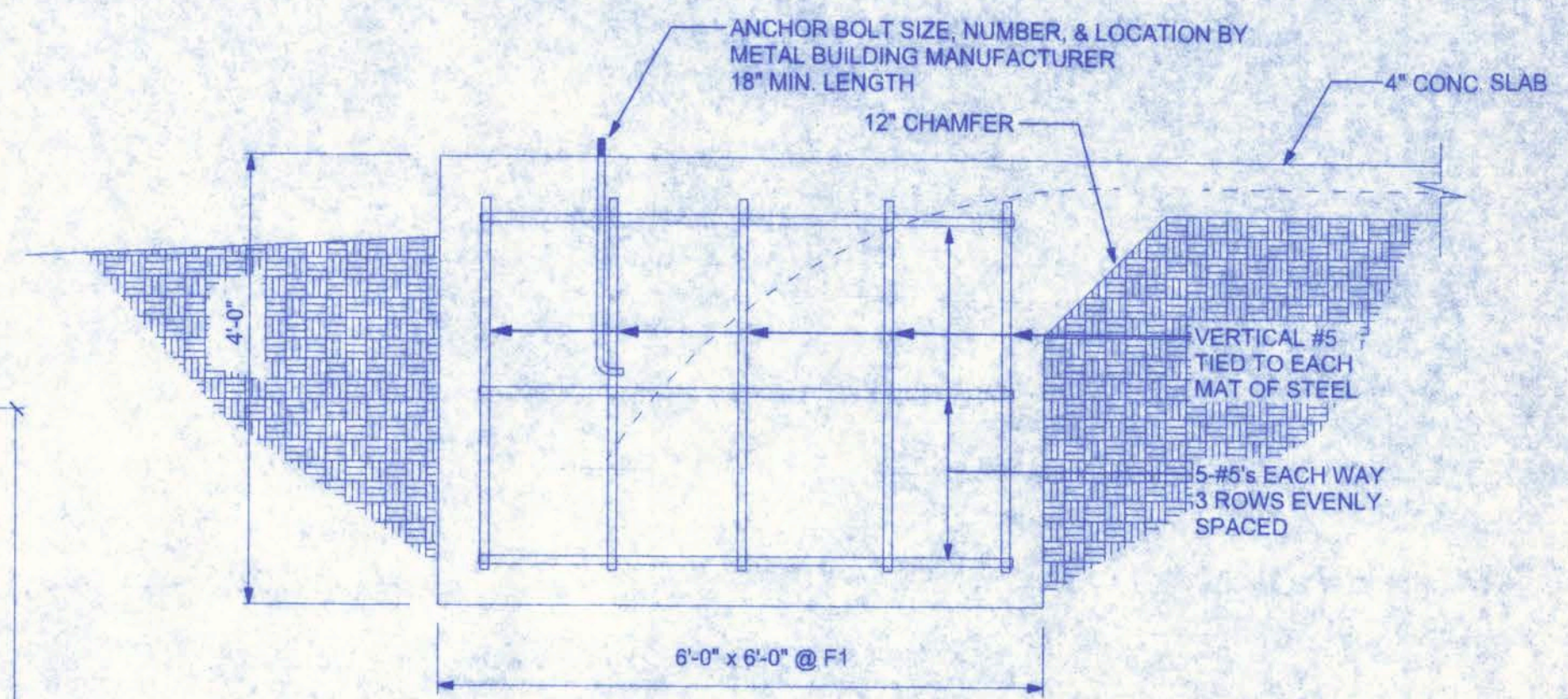
SCALE: 3/4" = 1'-0"

NOTE:
SAW CUT SHALL BE MADE
WITHIN 24 HOURS OF POUR



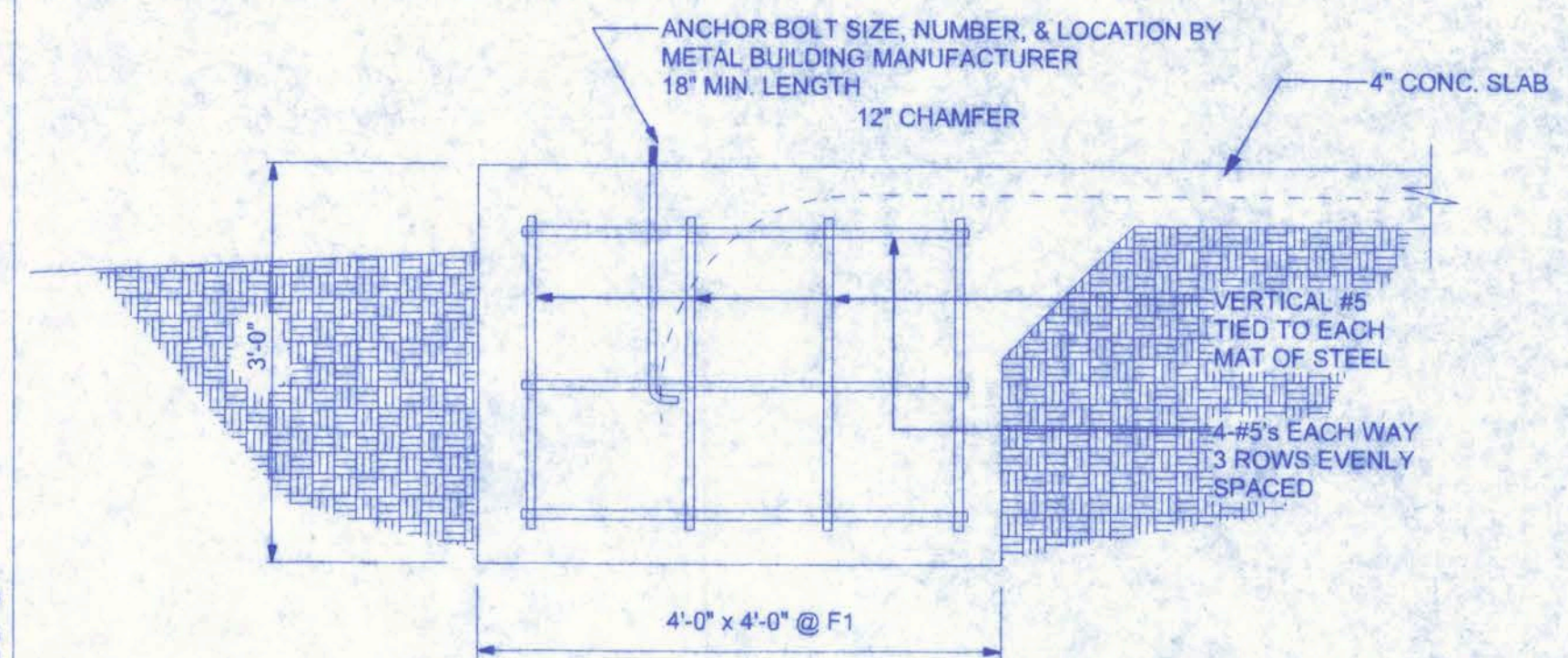
SAWCUT DETAIL

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



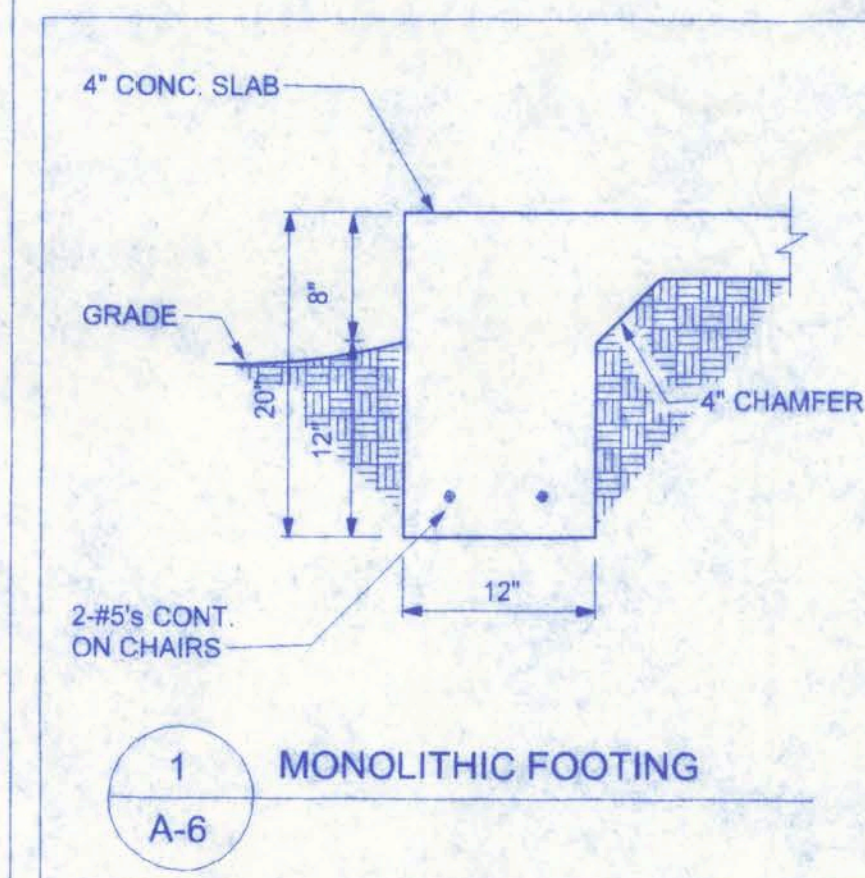
TYPE F1 FOOTING (COLUMN FOOTING)

SCALE: N.T.S.



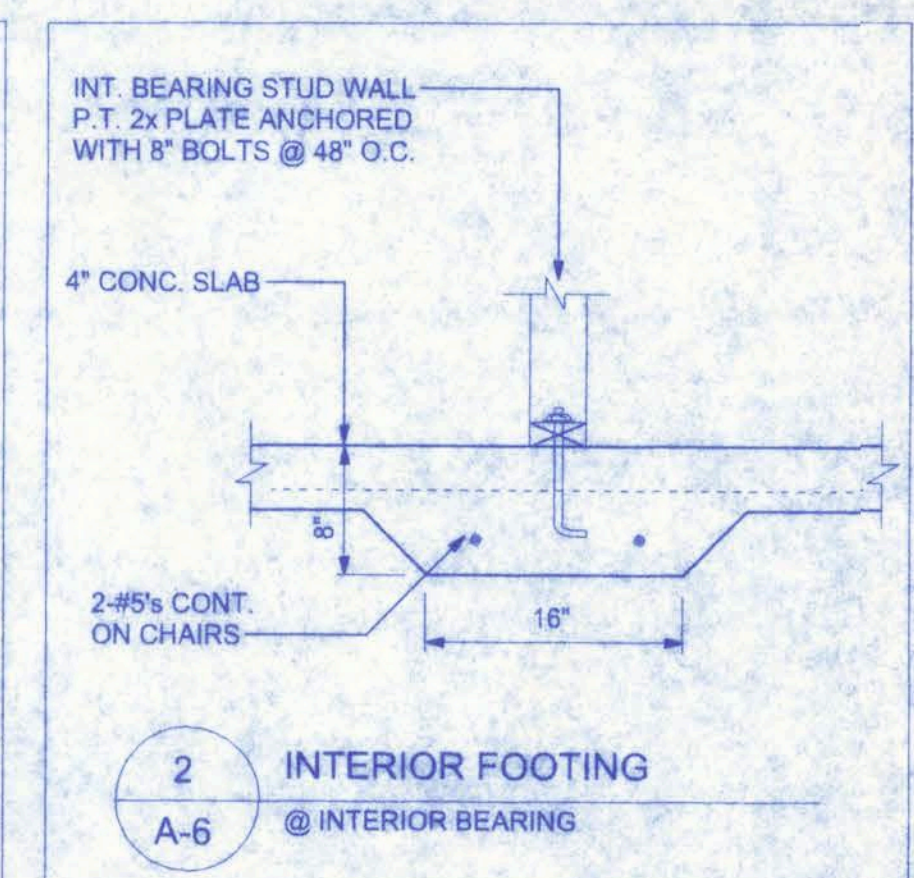
TYPE F2 FOOTING (COLUMN FOOTING)

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



1 MONOLITHIC FOOTING

A-6



2 INTERIOR FOOTING

A-6

FOUNDATION NOTES:

CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH
OF 2500 PSI AT 28 DAYS.

COVER OVER REINFORCING STEEL
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS
SHALL BE:
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND
PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH
OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED
IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR
FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS
AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS
SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN
2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER
1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER

GALVANIZATION:
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT
DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE
WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS
AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS
STEEL OR HOT DIPPED GALVANIZED.

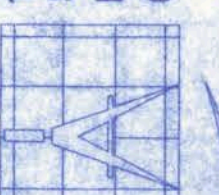
REINFORCING STEEL:
THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

1. ALL REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS
NOT LESS THAN SIX-BAR DIAMETERS AND
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE
FIELD BENT.
EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH
A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE
PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF
HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

SCOTT'S GUNSMITHING

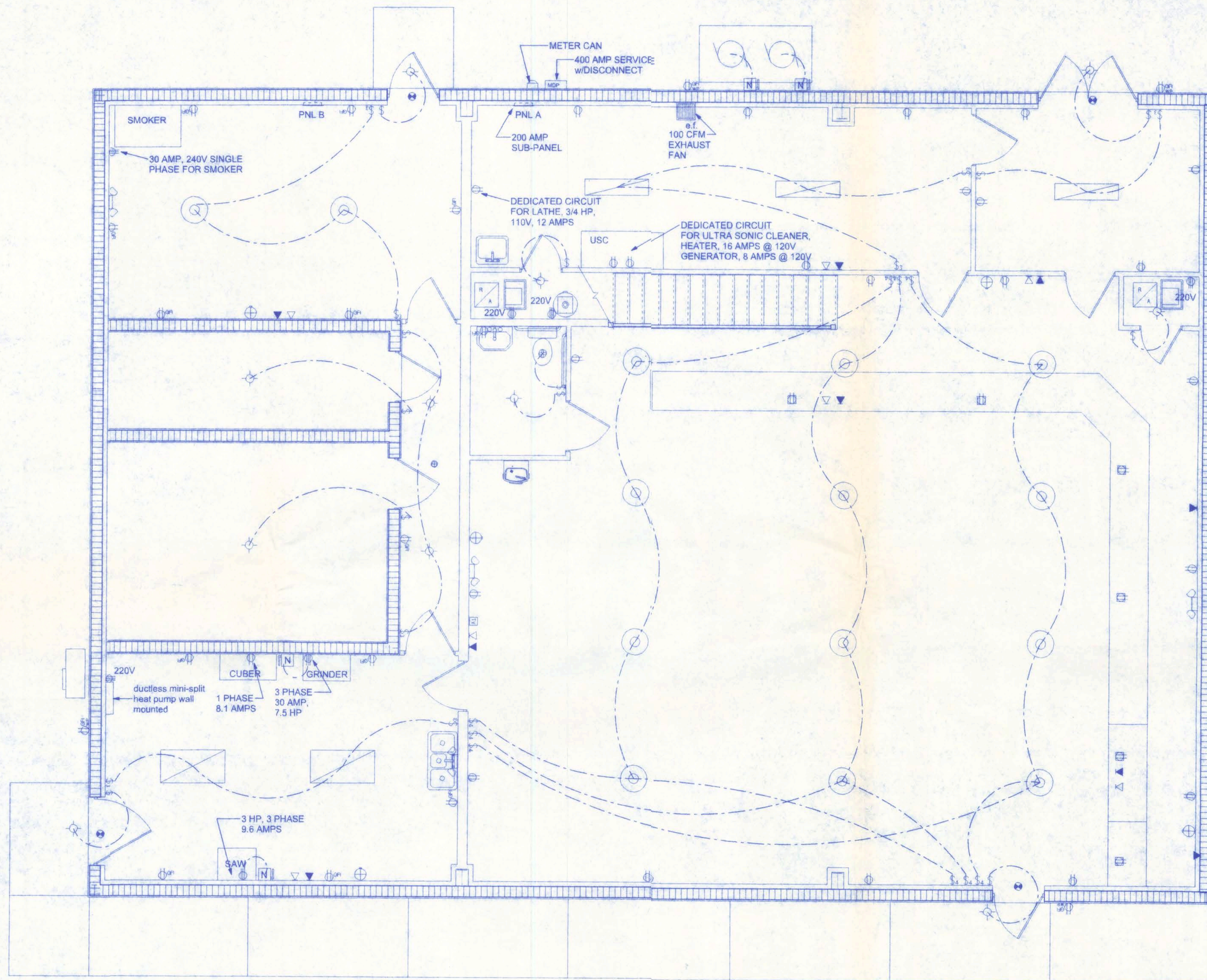
161 NW MADISON STREET
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(386) 758-4209



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| 9/21/07 | W.H.F. |
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| SHEET | A-6 |
| OF | 12 |
| PROJECT NO. | |
| 07.0035 | |

CERTIFICATE OF AUTHORIZATION # 00003701



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

NOTE:
EXIT AND EMERGENCY LIGHTING SHALL BE
INSTALLED PER NEC 700-12, 2005 EDITION.

ELECTRICAL NOTES:

1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES.
2. OPTIONAL SECURITY LIGHT SWITCH LOCATIONS TO BE MADE DURING CONSTRUCTION.
3. PREWIRE LOW VOLTAGE CONTROL WIRING FOR ELECTRIC GARAGE DOOR OPENERS.
4. PROVIDE WIRING AS REQUIRED FOR AIR CONDITIONING, HEATING, AND WATER HEATING EQUIPMENT.

NOTE:
ALL SMOKE DETECTORS TO BE WIRED
TOGETHER TO ACTUATE ALL ALARMS IF ANY
ONE UNIT IS ACTUATED.

| ELECTRICAL | SYMBOL |
|-------------------------|--------|
| 20" metal halide light | |
| fluorescent light 2x4 | |
| fluorescent fixture | |
| 50 cfm exhaust fan | |
| electric motor | |
| electrical panel | |
| emergency light | |
| fire extinguisher | |
| main distribution panel | |
| meter can | |
| non-fused disconnect | |
| 50 cfm exhaust fan | |
| LAN connection | |
| cable tv outlet | |
| light | |
| outlet | |
| outlet 220v | |
| outlet floor | |
| outlet gfi | |
| switch | |
| switch 3 way | |
| switch 4 way | |
| telephone | |
| weatherproof gfi | |

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE
TELEPHONE LINES TO BE INSTALLED.

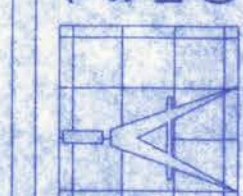
INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY
BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL
BE INTERLOCKED TOGETHER. INSTALL INSIDE AND
NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE
SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP
DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT N., DESCRIPTION & BRKR. SERVICE ENT.
& ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH.
RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT
TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
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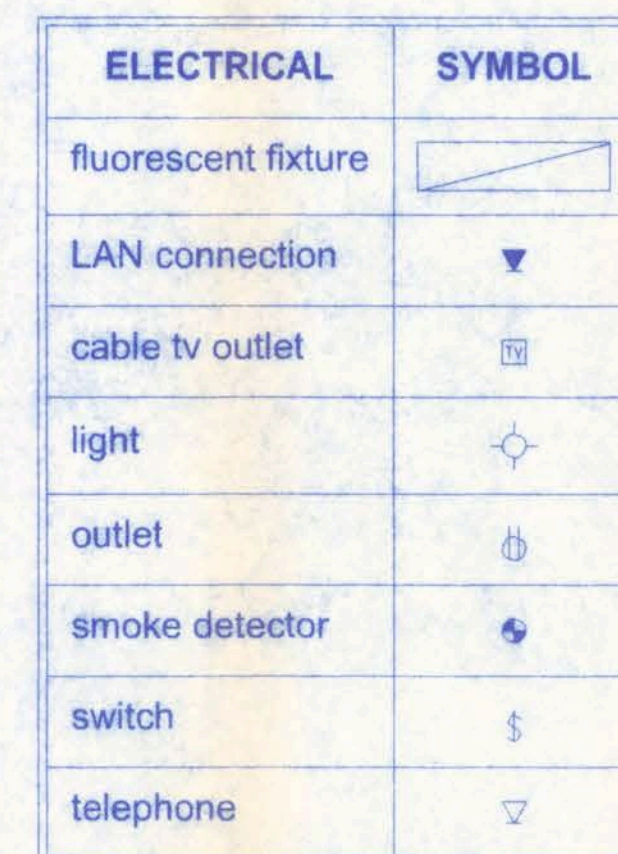
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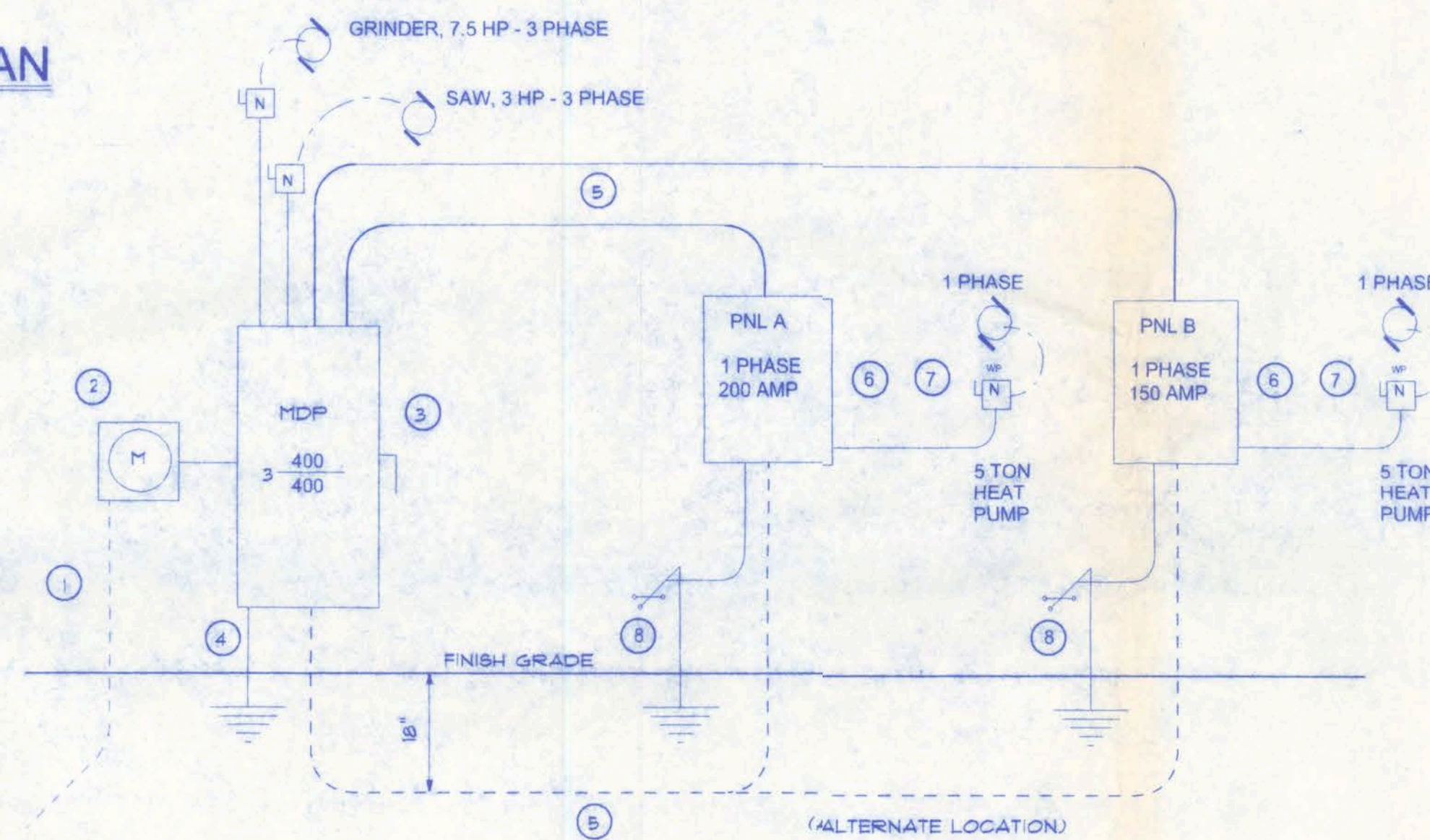
PROJECT NO.
07-C036

SCOTT'S GUNSMITHING

9/21/07
P.E. # 56001



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



| LOAD CALCULATIONS: | | | |
|-----------------------|----------------|---------------|----------------------------|
| | CONNECTED LOAD | DEMAND FACTOR | DEMAND LOAD |
| <u>CONTINUOUS</u> | | | |
| LIGHTING | 4,500 VA | 1.25 | 5,625 VA |
| OUTSIDE LIGHTING | 1,500 VA | 1.25 | 1,875 VA |
| | | | CONT. TOTAL: 7,500 VA |
| <u>NON-CONTINUOUS</u> | | | |
| RECEPTACLES | 5,000 VA | 1.0 | 5,000 VA |
| WATER HEATER | 4,500 VA | 1.0 | 4,500 VA |
| MISCELLANEOUS | 3,500 VA | 1.0 | 3,500 VA |
| HVAC | 24,000 VA | 1.0 | 24,000 VA |
| | | | NON-CONT. TOTAL: 37,000 VA |
| (CONT. + NON-CONT.) | | | OVERALL TOTAL: 44,500 VA |
| | | | @ 120/240 1 PHASE |
| | | | 185.417 AMPS |
| | | | PROVIDED SERVICE 200 AMPS |

| FACTORY AREA - PANEL B | | | |
|---------------------------|----------------|------------------|----------------------------|
| <u>LOAD CALCULATIONS:</u> | | | |
| | CONNECTED LOAD | DEMAND FACTOR | DEMAND LOAD |
| <u>CONTINUOUS</u> | | | |
| LIGHTING | 1,500 VA | 1.25 | 1,875 VA |
| OUTSIDE LIGHTING | 1,000 VA | 1.25 | 1,250 VA |
| | | | CONT. TOTAL: 3,125 VA |
| <u>NON-CONTINUOUS</u> | | | |
| RECEPTACLES | 2,000 VA | 1.0 | 2,000 VA |
| MISCELLANEOUS | 3,500 VA | 1.0 | 3,500 VA |
| HVAC | 4,000 VA | 1.0 | 4,000 VA |
| SMOKER | 4,500 VA | 1.0 | 4,500 VA |
| CUBER | 1,900 VA | 1.0 | 1,900 VA |
| | | | NON-CONT. TOTAL: 15,900 VA |
| (CONT. + NON-CONT.) | | | OVERALL TOTAL: 19,025 VA |
| | | | @ 120/240 1 PHASE |
| | | | 79.27 AMPS |
| | | PROVIDED SERVICE | 150 AMPS |

- 1 Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min 18" deep, w/ continuous ground bonding conductor, service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- 2 Existing Meter Enclosure, weatherproof, U.L. Listed.
- 3 Main Disconnect Switch: fused or Main Breaker, weatherproof, U.L. Listed.
- 4 Service entrance ground: 5/8" diameter Iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item #5 below.
- 5 200 Ampere Feeder: 3-3/0-THW-Cu, 1-2-Cu-GND, 2 1/2" Conduit. 150 Ampere Feeder: 3-2/0- THW-Cu, 1-2-Cu-GND, 2" Conduit
- 6 House Panel (PNL), U.L. Listed, sized per schedule.
- 7 Equipment Disconnect Switch: non-fused, in weather proof enclosure, size according to Panel Schedule loads.
- 8 Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

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

| | | | | | | | |
|--------------------|--------------|------------|--|-------------|--|-------------------------|--|
| PANEL | | INTEL A | | LOCATION | | STORAGE ROOM | |
| TYPE | S.Q.D. 70002 | MAIN LUGS | | ONLY | | MAIN BREAKER X AMPS 200 | |
| VOLTS | 120/240 | PHASE | | 1 | | WIRE 3 SINGLE POLYS 40 | |
| A.I.C. RATING | | 22,000 KVA | | FEEDER SIZE | | 3 - 4/5 TWC | |
| | | | | FEED / TOP | | X | |
| MOUNTING / SURFACE | | | | FLUSH | | X | |
| CABINET / STANDARD | | X | | | | BOTTOM | |
| TOTAL KW LOAD | | 34.9 | | | | | |

[illegible]

| | | | | | | | |
|--------------------|--------------|-------------|--|-----------|--|------------------------|--|
| FANEL | | AL B | | LOCATION | | SMOKE ROOM | |
| TYPE | SQ D, "1000" | MAIN LUGS | | ONLY | | MAIN BREAKER X AMP 150 | |
| VOLTS | 120/208 | PHASE | | 1 | | WIRE 3 SINGLE POLES 40 | |
| A.C. RATING | 22,000 KVA | FEEDER SIZE | | 3-4/0 TWC | | | |
| MOUNTING / SURFACE | | FEED / TOP | | X | | BOTTOM | |
| CABINET / STANDARD | X | PLUSH | | X | | | |
| TOTAL KW LOAD | 12.9 | | | | | | |

| WIRE | GND. | COND. | APPLICATION | LOAD | CIR. | BRK. | BRK. | CIR. | LOAD | APPLICATION | COND. | COND. | WIRE |
|------|------|-------|--------------------|------|------|------|------|------|------|---------------|-------|-------|------|
| 8 | 10 | 1" | 5 TON HEAT PUMP | | 1 | 40/2 | 60/2 | 2 | | AIR HANDLER | 1" | 10 | 4 |
| | | | | | 3 | | | 4 | | | | | |
| 12 | 12 | 1/2" | SM. APPLIANCE | | 5 | 20/1 | 20/1 | 6 | | BATHROOM | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | LIGHTING | | 7 | 20/1 | 20/1 | 8 | | SM. APPLIANCE | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | LIGHTING | | 9 | 20/1 | 20/1 | 10 | | LIGHTING | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | RECEPT. | | 11 | 20/1 | 20/1 | 12 | | LIGHTING | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | RECEPT. | | 13 | 20/1 | 20/1 | 14 | | LIGHTING | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | RECEPT. | | 15 | 20/1 | 20/1 | 16 | | RECEPT. | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | EM. LIGHTS | | 17 | 20/1 | 20/1 | 18 | | RECEPT. | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | USC - HEATER | | 19 | 20/1 | 20/1 | 20 | | CUBER | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | USC - GENERATOR | | 21 | 20/1 | 30/1 | 22 | | SMOKER | 1/2" | 12 | 12 |
| 12 | 12 | 1/2" | LATHE | | 23 | 20/1 | | 24 | | | | | |
| | | | SPACE | | 25 | | 20/1 | 26 | | SPACE | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | SPACE | | 39 | | | 40 | | SPACE | | | |

W. J. Lee
9/20/07
P.E. # 56001

SCOTT'S GUNSMITHING

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IDENTIFICATION OF ACTION

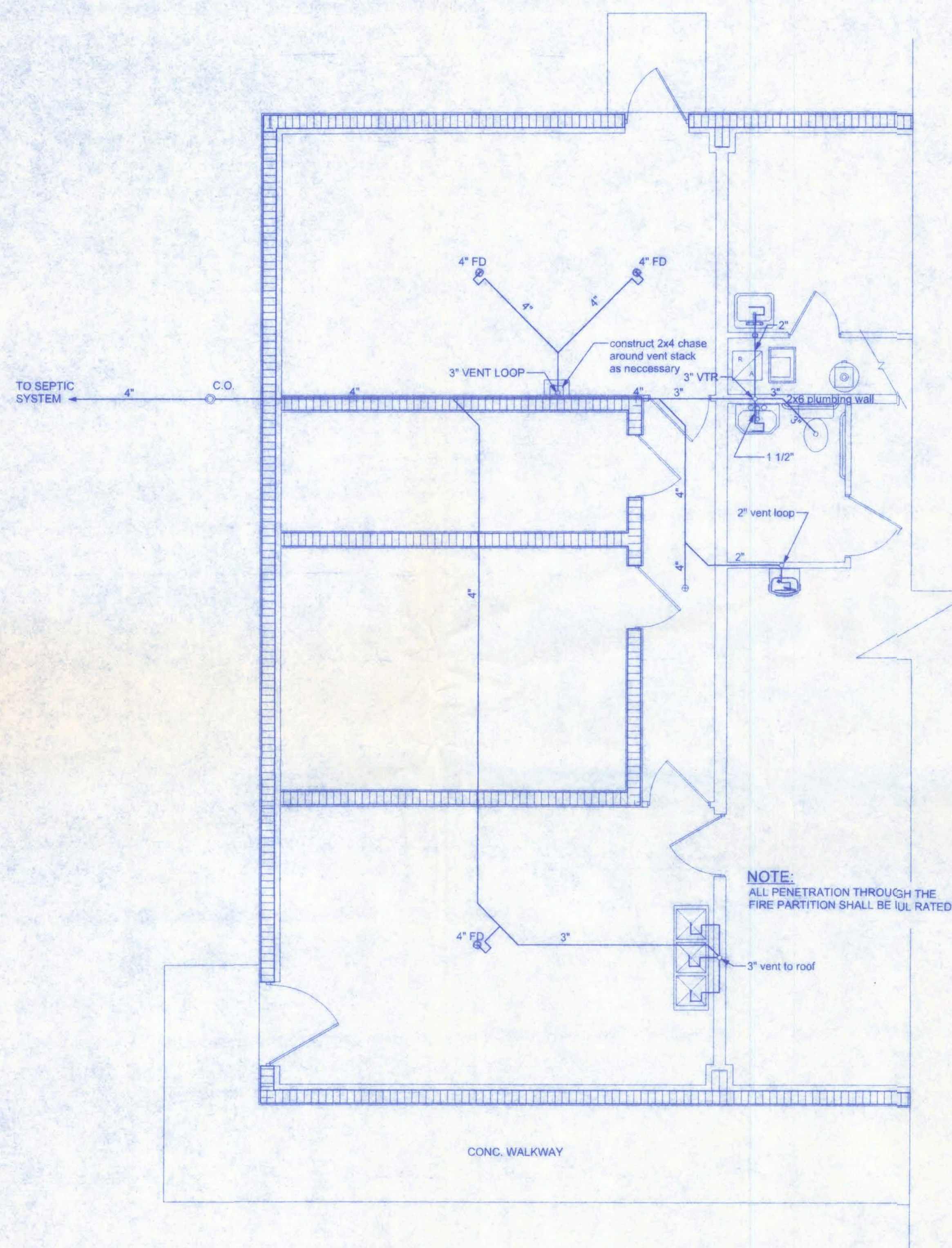
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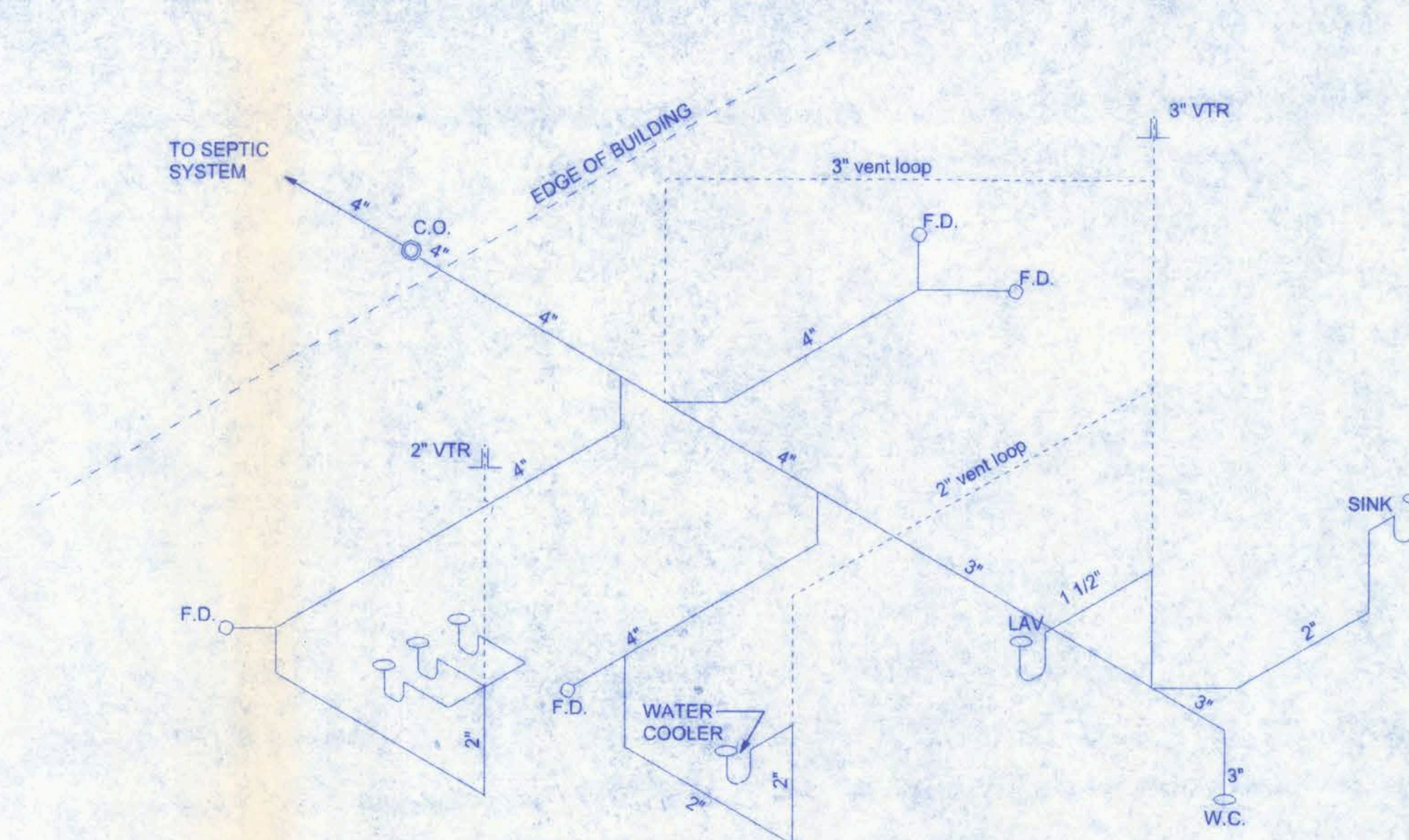
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07.C035



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

NOTE:
CONDENSATE WASTE AND DRAIN LINE SIZE SHALL
BE NOT LESS THAN 3/4" INTERNAL DIAMETER AND
SHALL NOT DECREASE IN SIZE FROM THE DRAIN PAN
CONNECTION TO THE PLACE OF CONDENSATE DISPOSAL.

NOTE:
CONDENSATE LINES AND ROOF DOWN SPOUTS SHALL DISCHARGE AT
LEAST ONE FOOT AWAY FROM THE STRUCTURE SIDEWALL. IN
CASES WHERE THE ROOF EAVE IS LESS THAN 6 INCHES, GUTTERS
MUST BE INSTALLED AND DIRECT WATER A MINIMUM OF 1 FOOT
FROM THE STRUCTURE.



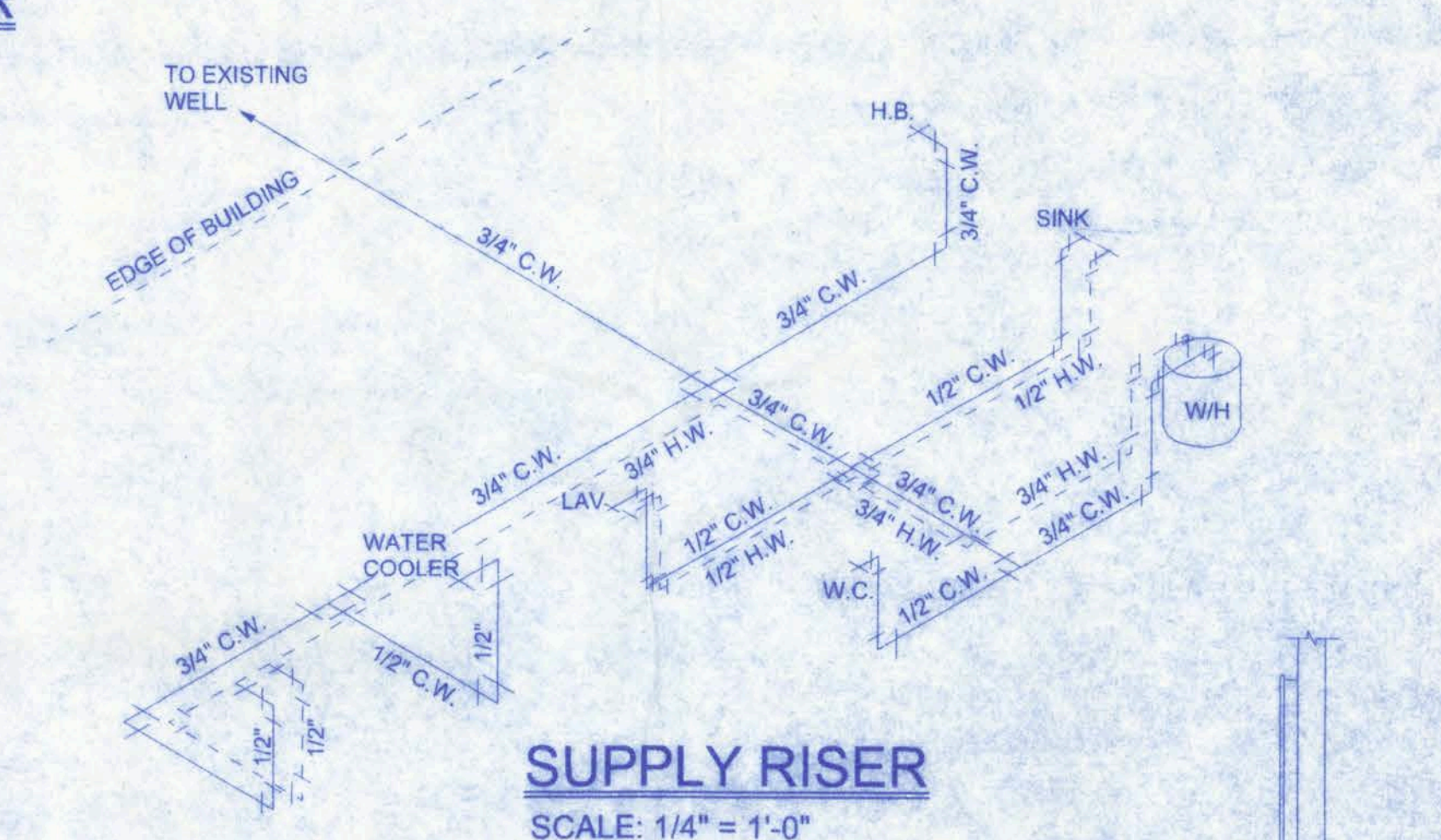
PLUMBING RISER
SCALE: 1/4" = 1'-0"

NOTE!
PROVIDE PLUMBING CLEAN-OUTS AT THE BASE OF ALL STACKS, A MAXIMUM OF 75' O.C. ALONG ALL MAIN DRAIN RUNS AND THE UP-STREAM ENDS OF MAIN DRAIN RUNS, WHERE THE MAIN BUILDING DRAIN EXITS THE BUILDING AND AT 75' INTERVALS TO THE DISPOSAL SITE.

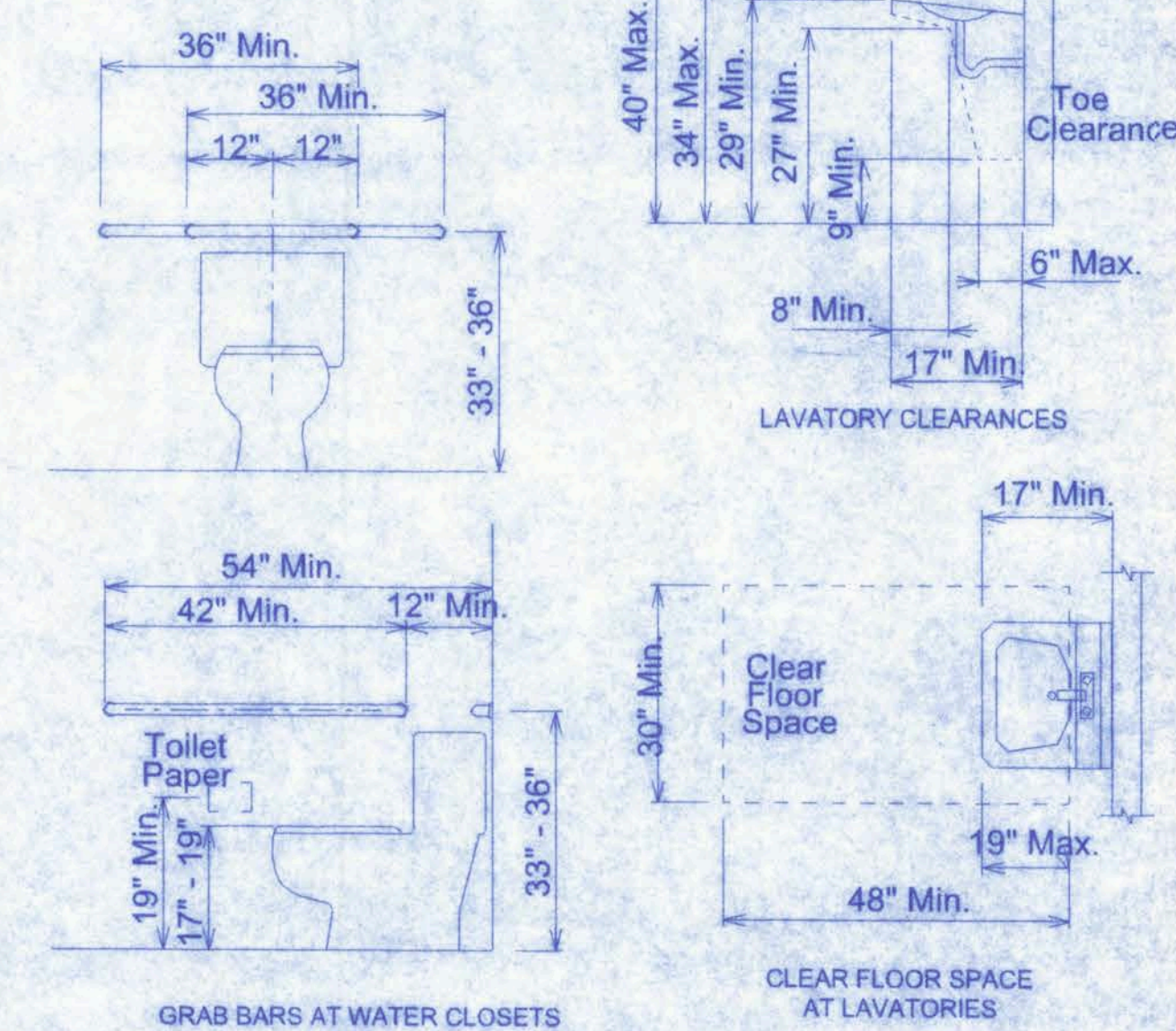
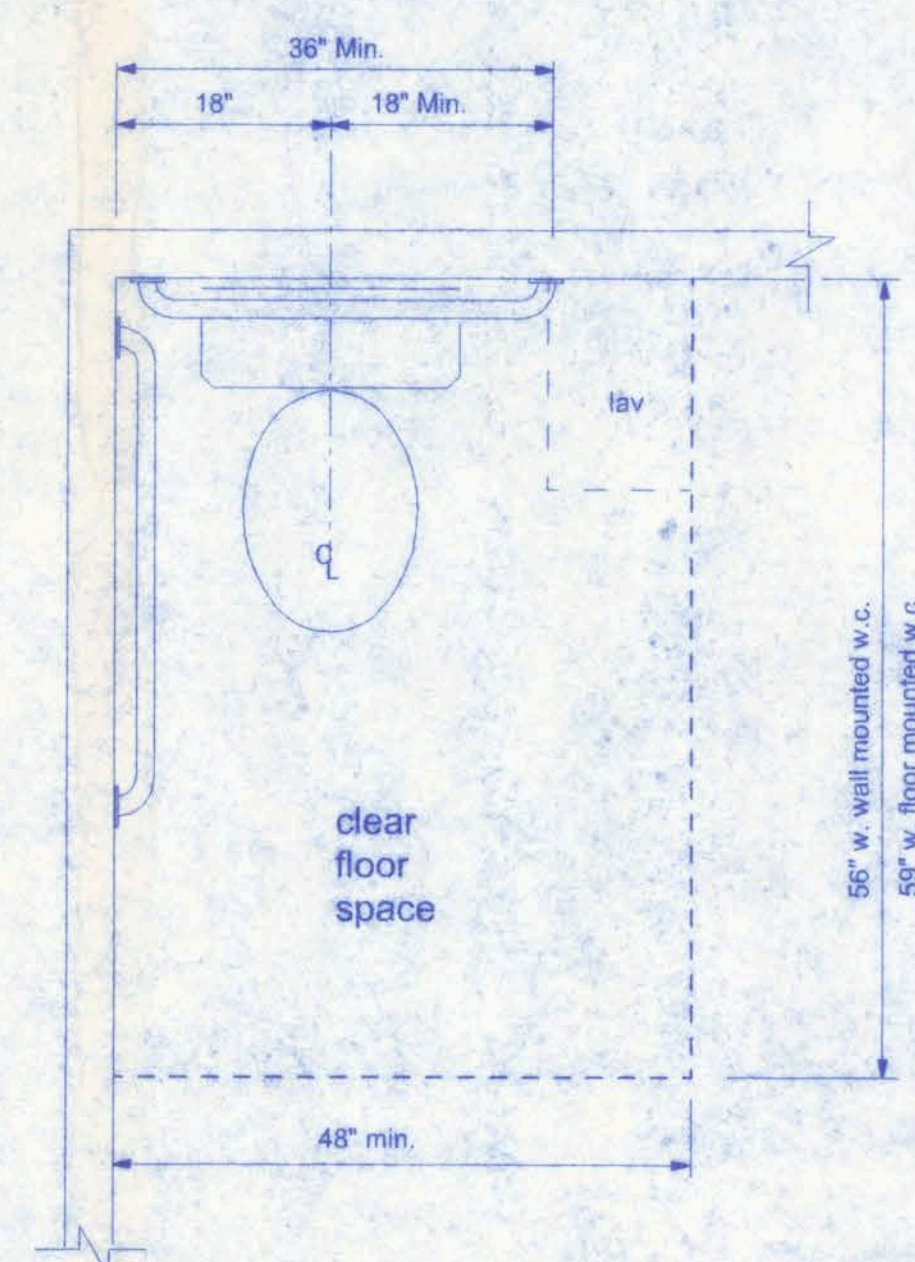
NOTE!
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL
PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR
SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND
1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 95% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD

NOTE!
PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS -
PRIME EACH F.D. INDIVIDUALLY. DO NOT MANIFOLD



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



HANDICAPPED ACCESSIBLE CONSTRUCTION DETAILS

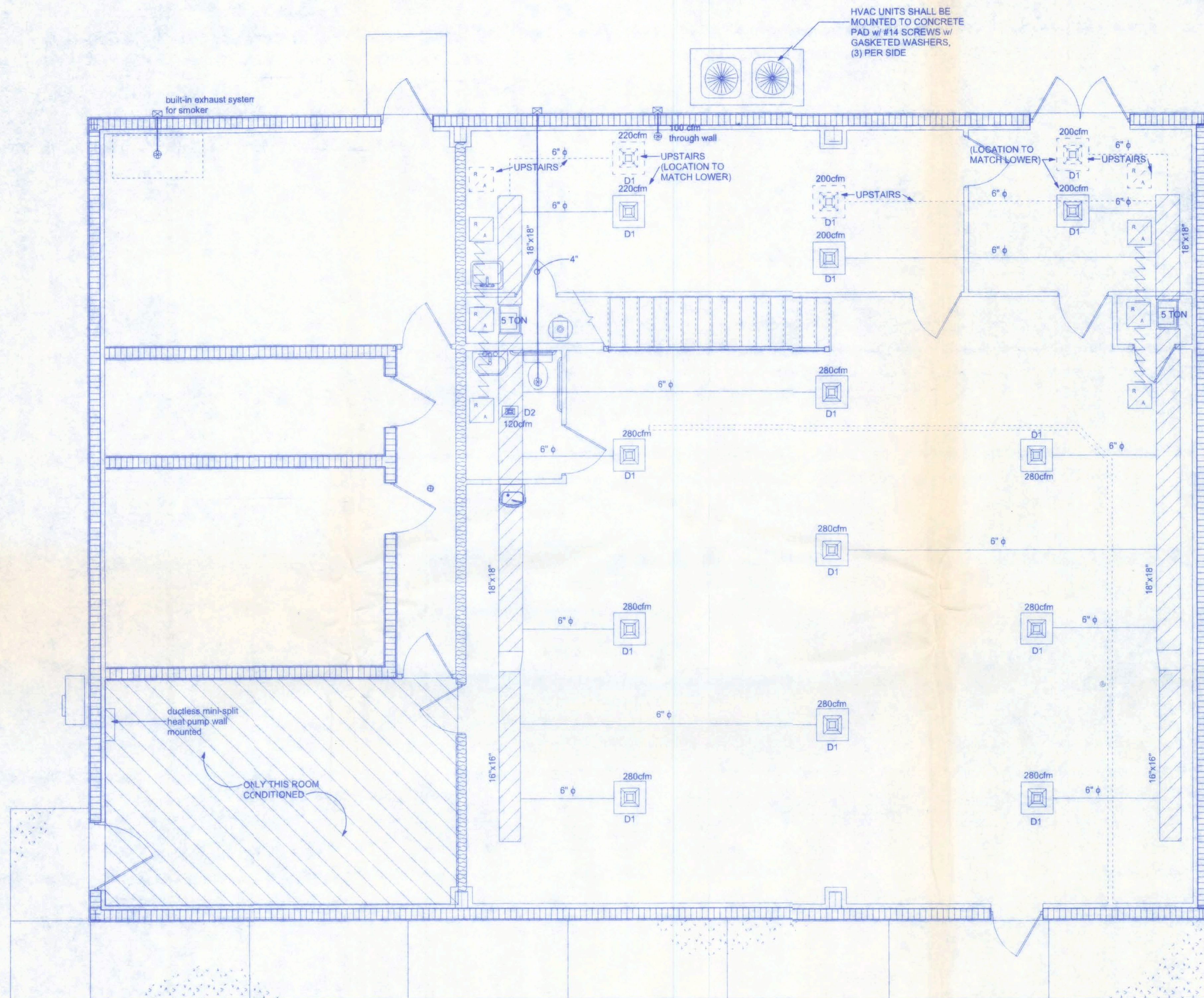
9/28/07
P.E. # 56001

SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 000008701

Freeman
Design Group ^{inc}



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

HVAC NOTES:

1. SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES.
2. HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE HVAC SYSTEM.
3. HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED) OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR.
4. HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
5. IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
6. FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM W/ 1 3/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE U.L. LISTED. SHEET METAL DUCT SHALL BE LINED W/ 1" MATFACED DUCT LINER & WRAPPED W/ 1 3/4 L. FOILFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOILFACED, R4.3/R6.0 DUCTBOARD.
7. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHREA AND SMACNA STANDARDS.
8. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIR, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER.
9. IF REQUIRED BY THE OWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGNED AND SEALED BY A REGISTERED ENGINEER.
10. HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MANUFACTURER.
11. ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSION.
12. ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE, BY THE OWNER.
13. ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDRANCE TO COMPLETION OF THE JOB.
14. CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1.2" THICK ARMAFLEC INSULATION.
15. FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15 PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
16. HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
17. IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL ELEMENTS.
18. COORDINATE W/ THE ELECTRICIAN, TO ASSURE SUITABLE SIZES OF BREAKER, SWITCHES AND WIRING.

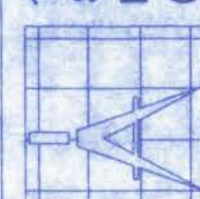
NOTE:
BATHROOM EXHAUST SHALL BE DIRECTED TO OUTSIDE OF BUILDING. EXHAUST AIR SHALL NOT BE DIRECTED ONTO WALKWAYS. AIR EXHAUST OPENINGS SHALL BE PROTECTED WITH CORROSION-RESISTANT SCREENS, LOUVERS OR GRILLS IF TERMINATING OUT DOORS.

| DIFFUSER SCHEDULE | | | | |
|-------------------|----------|-----------|---------|----------|
| MK | MAX. CFM | SIZE | PATTERN | LOCATION |
| D1 | 280 | 24" x 24" | 4W | CLG. |
| D2 | 170 | 8" x 12" | 1W | CLG. |
| D3 | 70 | 4" x 8" | 1W | CLG. |

REQUIRED OUTDOOR VENTILATION PER TABLE 403.3 FMC.

| LOCATION | CFM/PERSON | TOTAL CFM |
|-------------|-------------------------------|-----------|
| TOILET AREA | 50 CFM/W.C. | 50 |
| OFFICE AREA | 25 CFM/PERSON 43 OCCUPANTS | 1,075 |
| GRAND TOTAL | | 1,125 |

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209



Freeman
Design Group Inc.

DATE: 9/21/07
DRAWN BY: W.H.F.

REVISIONS

SHEET: A-10

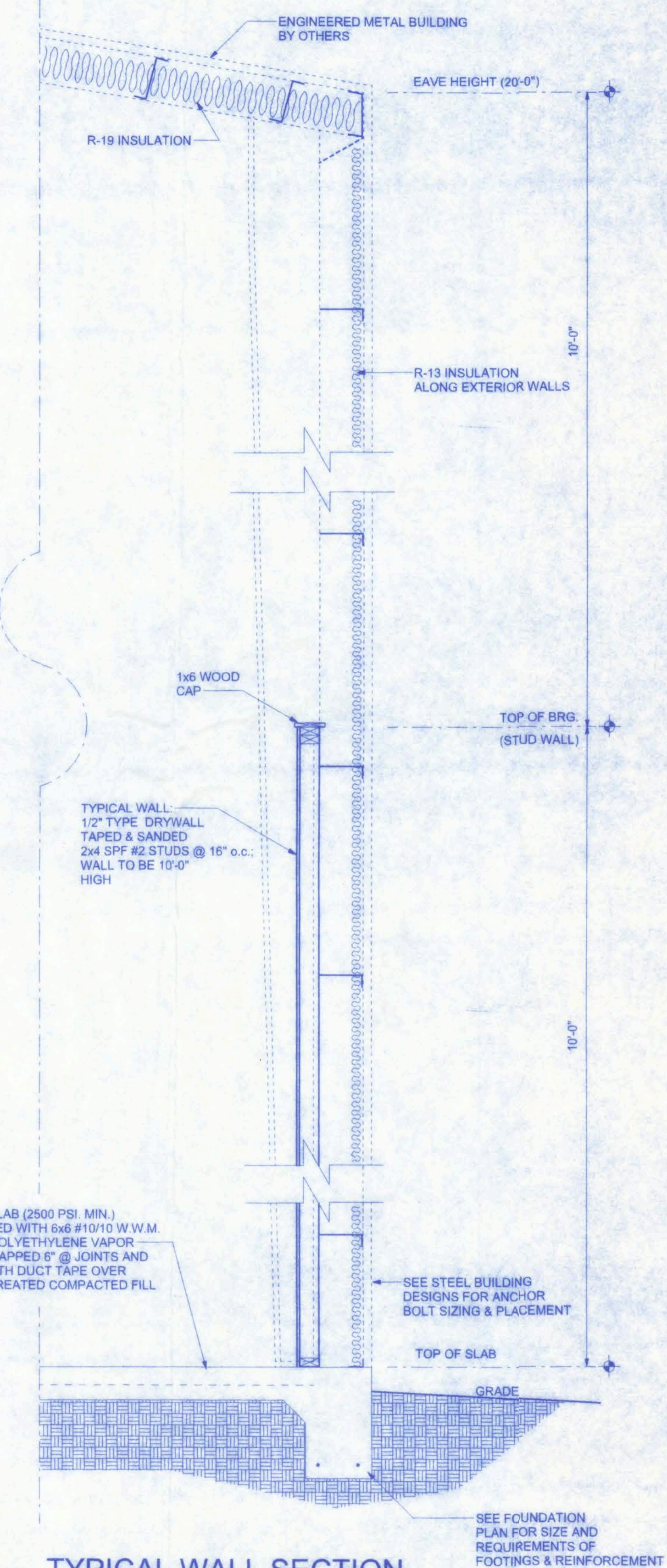
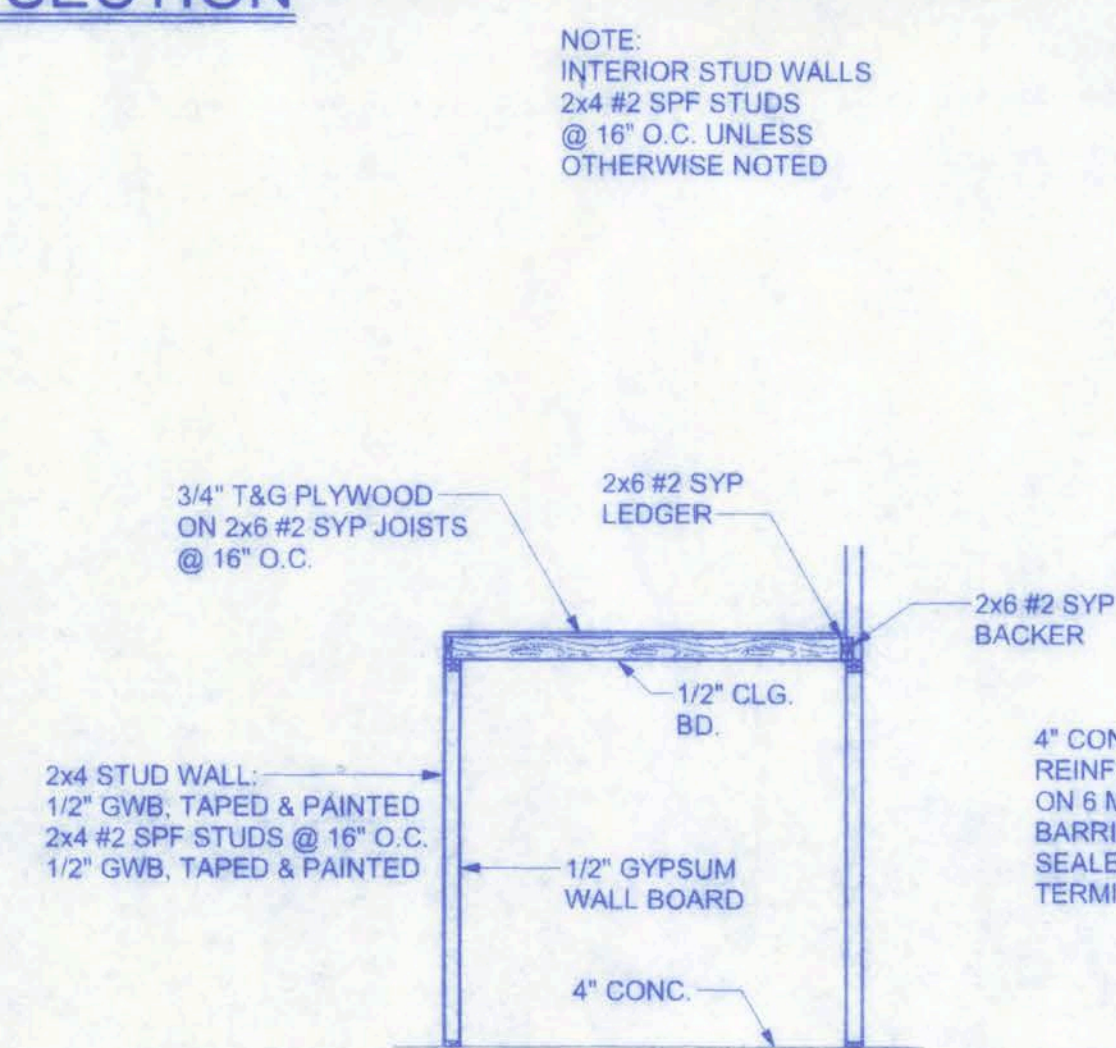
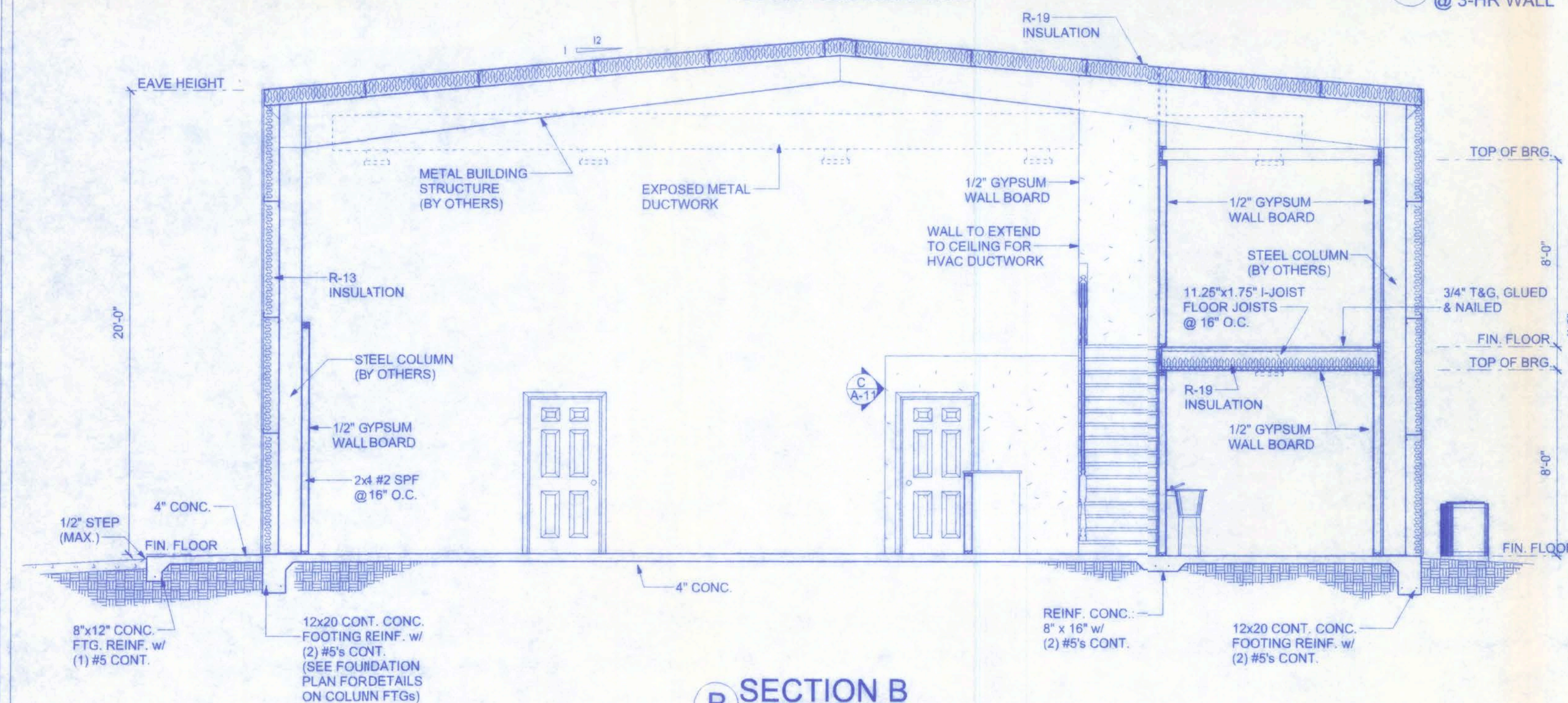
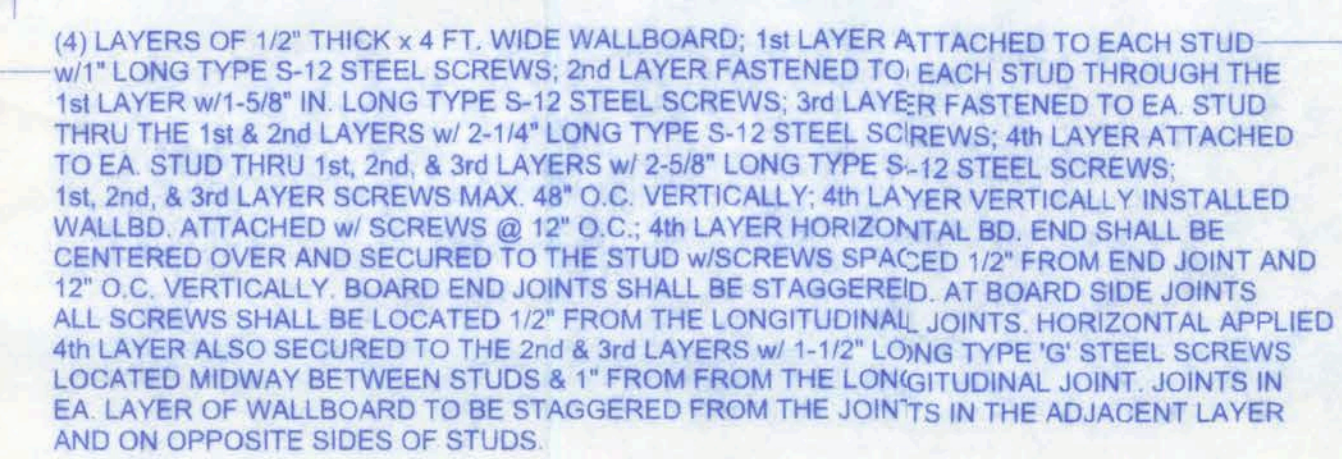
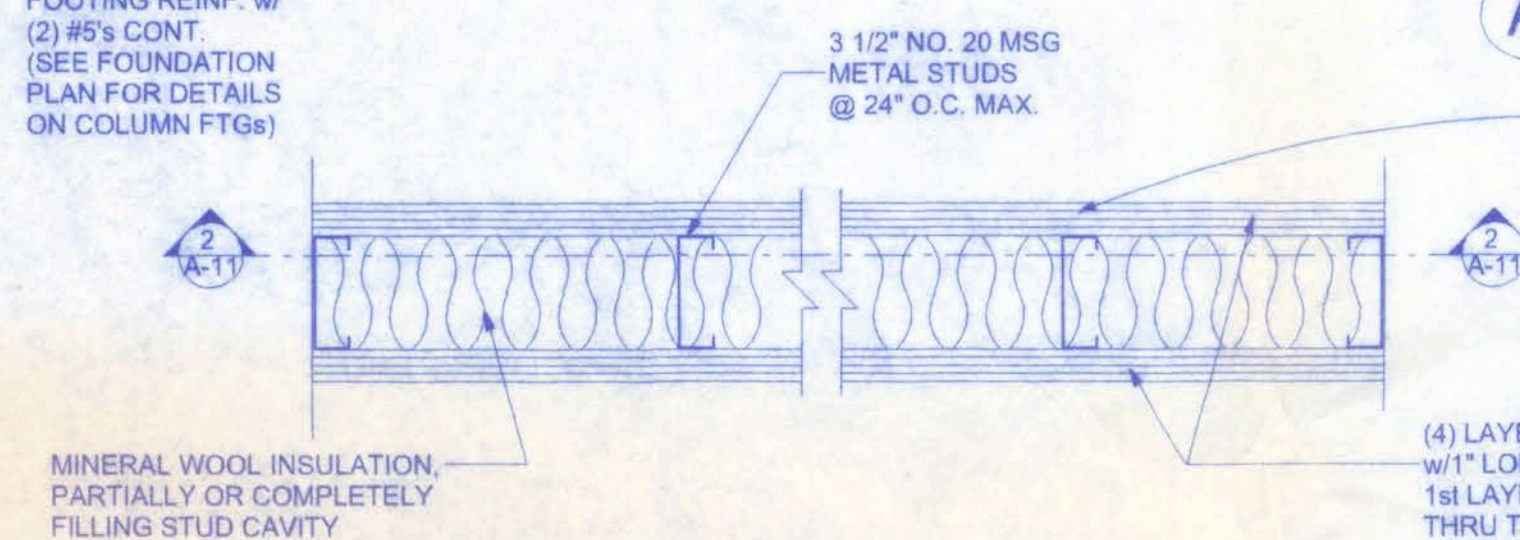
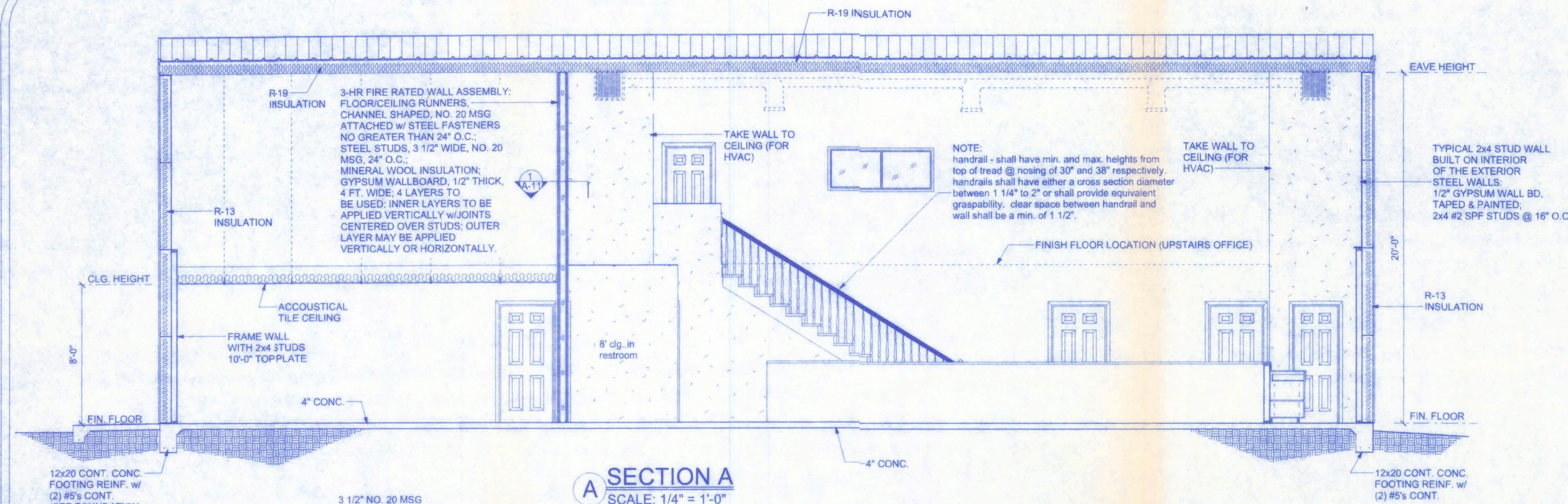
OF: 12

PROJECT NO.: 07.C035

SCOTT'S GUNSMITHING

CERTIFICATE OF AUTHORIZATION # 00008701

W.H.F. Inc.
9/25/07
P.E. # 58001



SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00008701



Freeman
Design Group INC.

| | |
|------------------------|-----------------|
| DATE 9/21/07 | DRAWN W.H.F. |
| REVISIONS | |
| SHEET OF | A-11 12 |
| PROJECT NO. 07.C035 | |

| INTERIOR FINISH SCHEDULE | | | | | |
|--------------------------|----------|--------------|----------------|--------------|-------------|
| ROOM | FLOORING | BASE | WALLS | CEILING | CLG. HEIGHT |
| GUNSHOP | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | UNFINISHED | OPEN |
| BATHROOM | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | PAINTED | 8'-0" |
| STOCK ROOM | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | PAINTED | 8'-0" |
| STORAGE | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | PAINTED | 8'-0" |
| SMOKE ROOM | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | UNFINISHED | OPEN |
| PROCESSING ROOM | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | ACC. TILE | 8'-0" |
| OFFICES (UPSTAIRS) | 12" VCT | 4" WOOD, P/G | SMOOTH/PAINTED | PAINTED | 8'-0" |
| ENTRY | CONCRETE | N/A | N/A | METAL SOFFIT | 12'-0" |

NOTE:
ALL WALLS SHALL RECEIVE ONE PRIMER COAT AND 2 FINISH COATS OF LATEX PAINT.
COLORS BY OWNER.

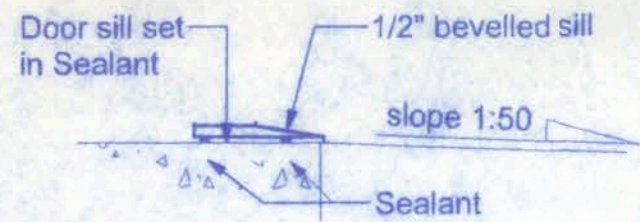
FIXTURE SCHEDULE

| H.C. ACCESSIBLE RESTROOM | |
|--------------------------|---|
| QTY. | DESCRIPTION |
| 1 | GERBER #21-718, 17" HIGH ELONGATED BOWL, WHITE. |
| 1 | GERBER #22-554 24"x20" LAV. W/ PEDESTAL, WHITE. |
| 1 | GERBER 44-051 SERIES LAVATORY FAUCETS W/ WRIST BLADE HANDLES. |
| 1 | 1 1/2" X 36" GRAB BAR ON WALL BEHIND TOILET. |
| 1 | 1 1/2" X 42" GRAB BAR ON WALL LEFT SDE OF TOILET. |

| PROCESSING ROOM | |
|-----------------|--|
| QTY. | DESCRIPTION |
| 1 | KOHLER STAINLESS STEEL TRIPLE SINK #K-3222-3. |
| 1 | STERLING KITCHEN FAUCET #C826R W/ WRIST BLADE HANDLES. |

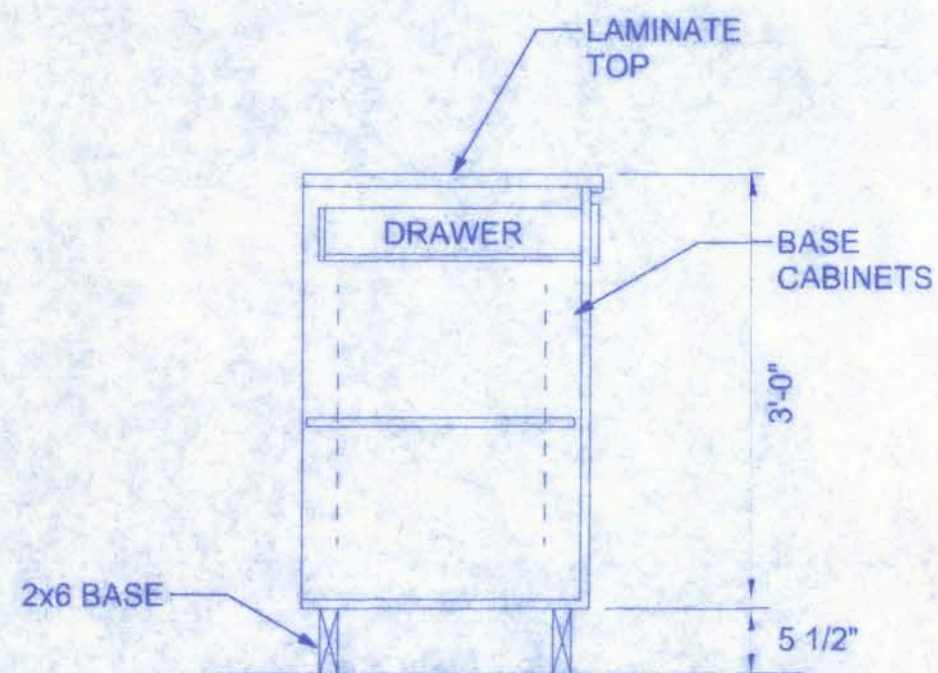
| UTILITY ROOM | |
|--------------|--|
| QTY. | DESCRIPTION |
| 1 | STERLING STAINLESS STEEL UTILITY SINK. |
| 1 | STERLING KITCHEN FAUCET #C826R W/ WRIST BLADE HANDLES. |

WATER COOLER - OASIS MODEL PLF8FPM RECESSED WATER COOLER



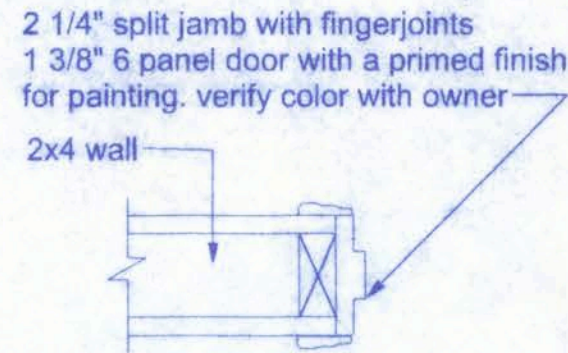
SILL DETAIL

SCALE: 1 1/2" = 1'-0"



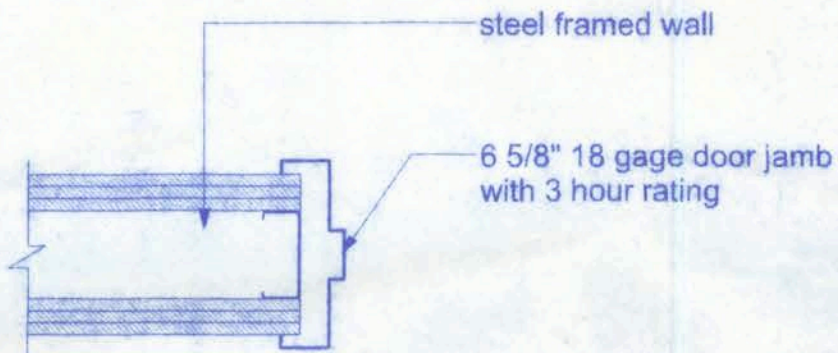
CABINET SECTION, TYP.

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



JAMB DETAIL

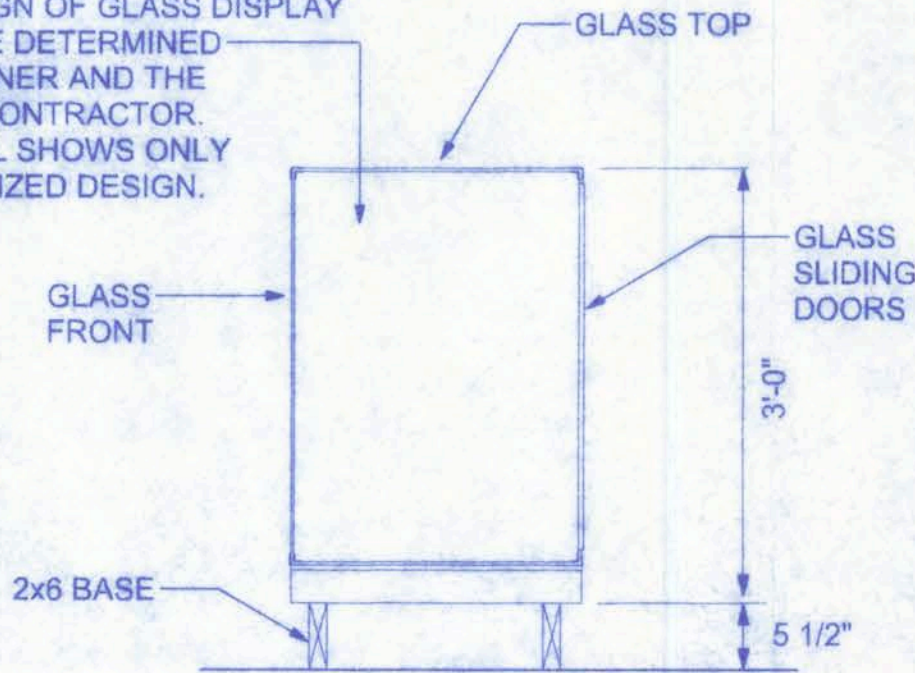
SCALE: 1 1/2" = 1'-0"



JAMB DETAIL

SCALE: 1 1/2" = 1'-0"

NOTE:
FINAL DESIGN OF GLASS DISPLAY CASE TO BE DETERMINED BY THE OWNER AND THE GENERAL CONTRACTOR. THIS DETAIL SHOWS ONLY A GENERALIZED DESIGN.



GLASS DISPLAY CASE, TYP.

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

| DOOR SCHEDULE | | | | | | | | | | | | | |
|---------------|--------------------------|----------------------|---------|----------|---------------|-----------|---------------------------|-------------|------------|------------|------------|-------------|-------------|
| NO. | LOCATION | DOOR SIZE | TYPE | MATERIAL | JAMB MATERIAL | JAMB SIZE | LOCKS | DOOR CLOSER | PULL PLATE | PUSH PLATE | KICK PLATE | DOOR BUMPER | FIRE RATING |
| A | FRONT, REAR ENTRY | 3/0 X 6/8 X 1 3/4 | PLAIN | METAL | METAL | 6 5/8 | ENTRY LOCK PANIC HARDWARE | X | | | X | X | 20 MIN. |
| B | SIDE ENTRY | 4/0 X 6/8 X 1 3/4 | PLAIN | METAL | METAL | 6 5/8 | ENTRY LOCK DEAD BOLT | X | | | X | X | 20 MIN. |
| C | REAR ENTRY (STOR.) | PR 6/0 X 6/8 X 1 3/4 | PLAIN | METAL | METAL | 6 5/8 | ENTRY LOCK DEAD BOLT | X | | | X | X | 20 MIN. |
| D | FIREWALL | 3/0 X 6/8 X 1 3/4 | 6 PANEL | METAL | METAL | 6 5/8 | PRIVACY | X | | | X | X | 150 MIN. |
| E | HALLWAY (2 PLACES) | 3/0 X 6/8 X 1 3/4 | 6 PANEL | METAL | WOOD | 4 5/8 | PASSAGE | X | | | X | X | |
| E | H.C. RESTROOM | 3/0 X 6/8 X 1 3/8 | 6 PANEL | MASONITE | WOOD | 4 5/8 | PRIVACY | X | | | | X | |
| E | STOCK ROOM | 3/0 X 6/8 X 1 3/8 | 6 PANEL | MASONITE | WOOD | 4 5/8 | PRIVACY | | | | | X | |
| E | STORAGE AREA | 3/0 X 6/8 X 1 3/8 | 6 PANEL | MASONITE | WOOD | 4 5/8 | PRIVACY | | | | | X | |
| E | UPPER OFFICES (2 PLACES) | 3/0 X 6/8 X 1 3/8 | 6 PANEL | MASONITE | WOOD | 4 5/8 | PRIVACY | | | | | X | |
| F | MECHANICAL (2 PLACES) | 2/6 X 6/8 X 1 3/8 | 6 PANEL | MASONITE | WOOD | 4 5/8 | PASSAGE | | | | | X | |

NOTE:

BATHROOM DOORS SHALL BE DESIGNED TO ALLOW OPENING OF LOCKED DOOR FROM OUTSIDE BY OPENING DEVICE READILY ACCESSIBLE BY STAFF.

PUSH PLATE - 4"x16" BB
PULL PLATE - 4"x16" #132X70C BB
WALL DOOR BUMPER #407 1/2 - BB
ALL DOOR HANDLESETS AND LOCKS SHALL BE KWIK-SET OR EQUAL, COLOR AND STYLE DESIGN BY OWNER.
ALL LEVER TYPE HARDWARE SHALL BE MOUNTED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED HANDICAP MOUNTING HEIGHT.

GENERAL NOTES - DOORS

- ALL INTERIOR DOORS SHALL BE 6 PANEL MASONITE 6/8 x 1 3/8" PREHUNG UNLESS NOTED OTHERWISE.
- ALL EXTERIOR DOORS SHALL BE 6 PANEL METAL, PREHUNG 6/8 X 1 3/4" - STEEL JAMBS WEATHERSTRIPPING, AND THRESHOLD FACTORY INSTALLED UNLESS NOTED OTHERWISE.
- IF REQUIRED, UNDERCUT DOORS FOR RETURN AIR. COORDINATE WITH MECHANICAL SUB-CONTRACTOR AS PER FINAL DESIGN.
- CONFIRM DEPTHS OF ALL WOOD FLAT JAMBS. COORDINATE WITH CORRESPONDING WALL SECTIONS, PARTITION TYPES, AND WALL MODIFICATION DETAILS.
- PAINT ALL EXTERIOR SURFACES OF EXTERIOR METAL DOORS AND THE SOLID WOOD DOOR FRAME. COLOR SELECTION BY OWNER.
- PAINT ALL INTERIOR SURFACES OF EXTERNAL METAL DOORS AND THE SOLID WOOD DOOR FRAME. COLOR SELECTION BY OWNER.
- PAINT ALL INTERIOR WOOD FLAT JAMBS. COLOR SELECTION BY OWNER.
- PAINT ALL INTERIOR DOORS. COLOR SELECTION BY OWNER.

WIRING NOTES:

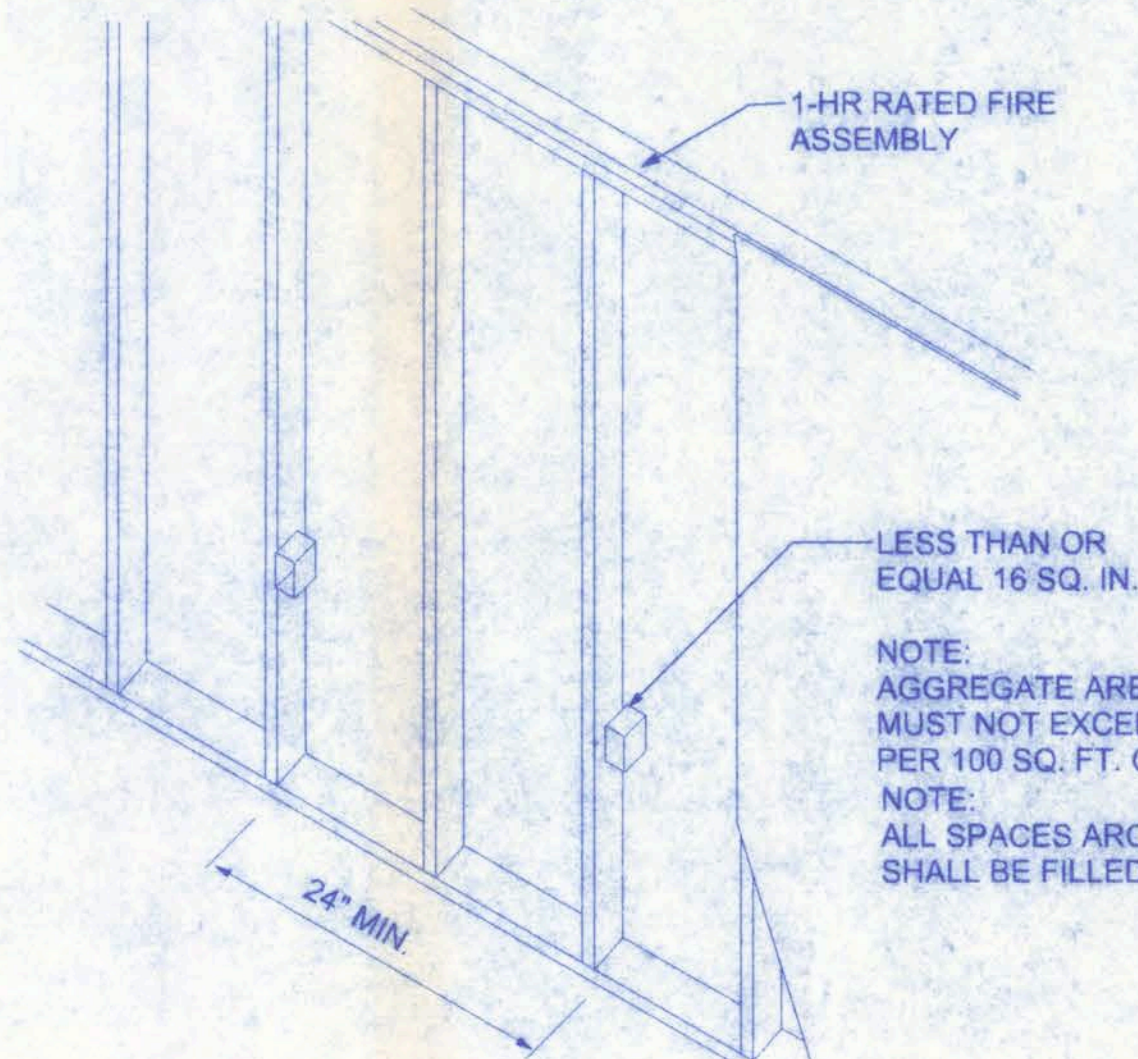
WIRING, DISTRIBUTION EQUIPMENT AND DEVICES
A. CONDUCTORS: Copper, in accordance with ASTM Standards, size reference AWG. Conductors No. 10 and smaller size solid, No. 8 and Larger, Stranded. Insulation of conductor thermoplastic, type THHN (min. size No. 12) any wire installed outside, underground, in slabs or exposed to moisture shall have THWN insulation.
B. RACEWAYS: RIGID STEEL CONDUIT, full weight pipe galvanized, threaded, and minimum 1/2 inch except as noted or required for wiring. ELECTRICAL METALLIC TUBING (EMT), thin wall pipe, galvanized, threadless, compression fittings, and minim 1/2" size except as noted or required for wiring. FLEXIBLE STEEL CONDUIT: continuous single strip, galvanized, and minimum 1/2" size except as noted or required for wiring. PVC CONDUIT, heavy duty type, size as indicated. Separate raceways shall be used for each voltage system.
C. DISCONNECT SWITCHES: General Duty, horsepower rated for motor loads 250 volt rating, fused or non-fused as noted; number of poles as indicated. Enclosure NEMA 1 for indoor use and NEMA 3R for weatherproof applications. Switch to be Square "D" or equal.
D. CIRCUIT BREAKERS: molded case, thermal-magnetic, quick make, quick break, bolt-on type with manually operated insulated trip-free handle. Multi-pole types with internal common trip bar. Terminals suitable for copper or aluminum conductors. Interrupting capacity minimum 10,000 RMS symmetrical amperes circuit circuit breakers to be Square "D", Siemens or equal, type as required.
E. PANELBOARDS: Voltage, phasing, and ampere ratings as indicated, circuit breaker type as indicated, buss bars of hard drawn copper, minimum 98% conductivity, galvanized steel back box, door and trim. All corners lapped and welded, hardware chrome plated with flush lock and catch. Hinges semi-concealed, 5 knuckles steel with nonferrous pins. 180 degree openings. Minimum gutter space 5-3/4" sides, top and bottom. Increase size where required by code. Directory holder complete with clear plastic transparent cover indicating typewritten list of feeder cables, conduit sizes, circuit number, outlets of equipment supplied, and their location. Circuit breaker type panelboards to be Square "D" type NQOD or I-Line, or equal. A plastic label shall be located on exterior of panelboard identifying the system voltage, phase, and current rating.
F. WIRING DEVICES: All devices their product of the same manufacturer. Wall switches and receptacles to be 20 amp, 125 volt, unless noted otherwise. Color to be selected by Architect.
G. DEVICE PLATES: provide for all outlets where devices are installed. Provide engraved marking for special outlets (where noted). Provide blank plates for empty or future outlet boxes. DEVICE AND DEVICE PLATE COLORS TO BE VERIFIED WITH ARCHITECT AND OWNER.

GROUNDING SYSTEM:

a. EQUIPMENT: Ground non-current carrying metal parts of panel board, raceways and all lighting fixtures. All conduit shall have equipment grounding conductors.

INSTALLATION:

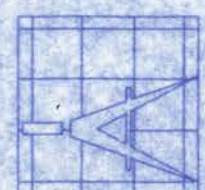
- Secure all supports to building structure as specified under raceways. Support horizontal runs of metallic conduit not more than 10 feet apart. Run exposed raceways parallel with or at right angles to walls.
- Pass raceways over water, steam or other piping when pull boxes are not required. No raceway within 3 inches of steam or hot water pipes, or appliances. expect crossing where the raceway shall be at least 2 inches from pipe cover.
- Cut conduit ends square, ream smooth. Paint male threads of field threaded conduit with Graphite based pip compound. Draw up tight with conduit couplings.
- Leave wire sufficiently long to permit making final connections. In raceway over 50 feet in which wiring is not installed, furnish pull wire.
- Verify locations of outlets and switches.
- Support panel, junction and pull boxes independently to building structure with no weight bearing on conduits.
- Connect conduit to motor conduit terminal bases with flexible conduit; minimum 18 inches in length and 50% slack. Do not terminate in or fasten raceways to motor foundation.
- This contractor shall provide a temporary electrical distribution system as required: 120/208 volt, 1 phase, 100 amp, for new construction. All temporary work shall be installed in a neat and safe manner.
- Contractor to remove and salvage all abandoned electrical equipment.
- This contractor shall warrant all labor and materials for one year from date of final written acceptance.



NOTE:
AGGREGATE AREA OF OUTLET BOXES MUST NOT EXCEED 100 SAFER INCHES PER 100 SQ. FT. OF WALL AREA.
NOTE:
ALL SPACES AROUND PENETRATIONS SHALL BE FILLED WITH 1 HR FIRE CAULK.

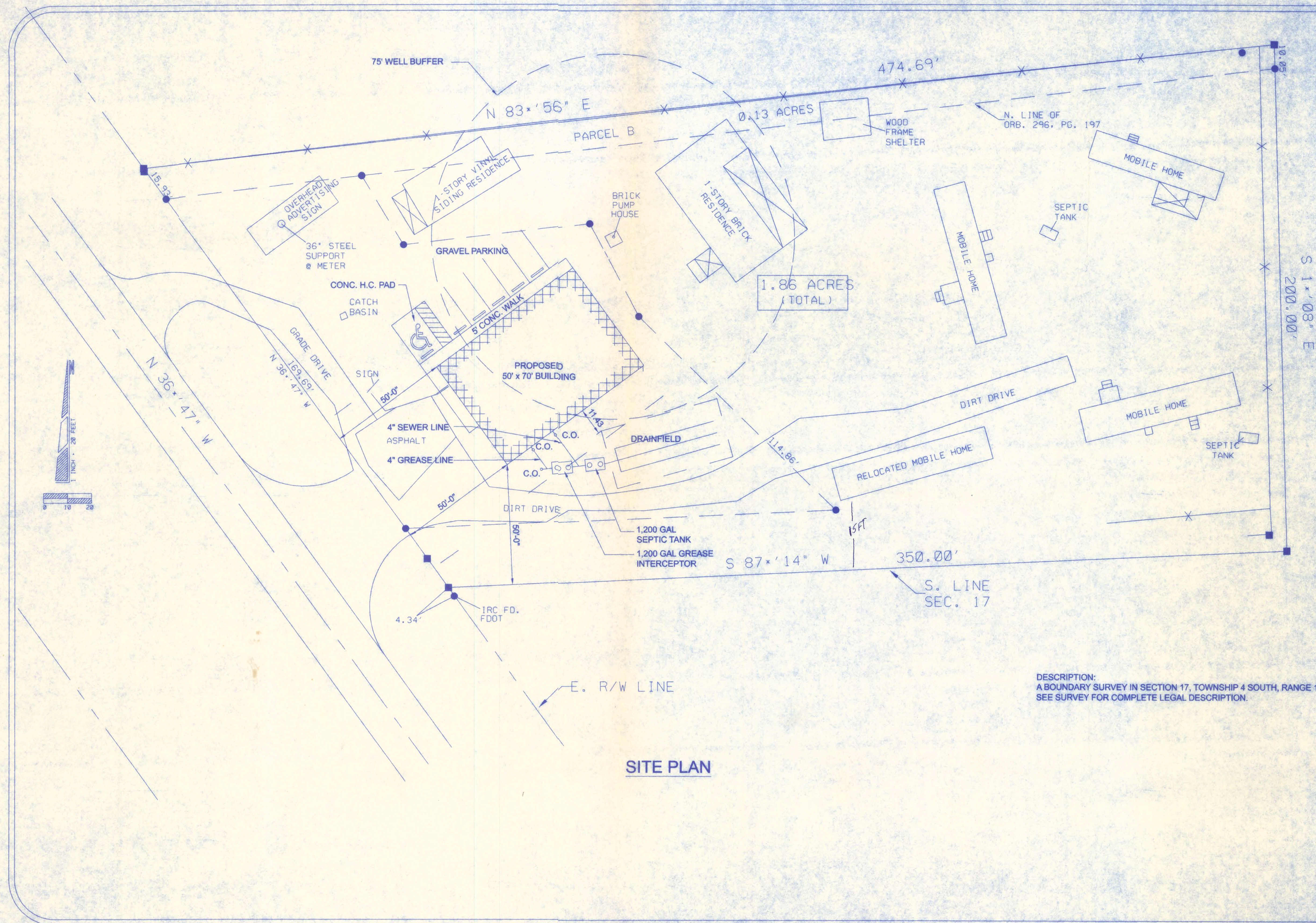
SCOTT'S GUNSMITHING

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386)758-4209



Freeman
Design Group

| | |
|-------------|----------|
| DATE | DRAWN BY |
| 9/21/07 | W.H.F. |
| REVISIONS | |
| SHEET | A-12 |
| OF | 12 |
| PROJECT NO. | |
| 07.C035 | |



DESCRIPTION:
A BOUNDARY SURVEY IN SECTION 17, TOWNSHIP 4 SOUTH, RANGE 17 EAST.
SEE SURVEY FOR COMPLETE LEGAL DESCRIPTION.

W.H.F.
8/2/07
PE# 56001

SCOTT'S GUNSMITHING

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00080701

Freeman
Design Group Inc

DATE
8/1/07

DRAWN BY
W.H.F.

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PROJECT NO.