

Lee County, Florida
Division of Development Services
Certificate of Occupancy
Single Family

Date: 12/23/2003 **PERMIT NUMBER:** RES2003-04928

Owner Name: SOLL WILLIAM P + ASTRID

Job Address: 10849 POND RIDGE DR LOT 58

Contractor: CGC011394 THE DELAWARE CORP OF FLA
Address: 1705 COLONIAL BLVD #D2
FT MYERS FL 33907

Description: SFR LOT-58

Project Name: GATEWAY

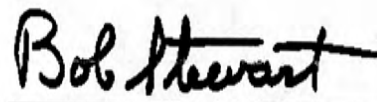
Zoning: PUD **Strap:** 01-45-25-21-00000.0580

Type of Construction: V-unp **Fire District:** So. Trail

Flood Elevation: **Flood Zone:** B

Occupancy Class: Residential

In conformity with section 106.1 Standard Building Code, authorization to occupy is granted as noted herein.



BUILDING OFFICIAL

LEGEND

- ▣ Cable TV Box
- Clean Out
- ⊙ Electric Box
- Iron Rod
- * Light Pole
- ⊞ Water Meter
- ▢ Catch Basin

FND = FOUND
 CONC. = CONCRETE
 U.E. = UTILITY EASEMENT
 R/W = RIGHT OF WAY
 (NR) = NON RADIAL
 (R) = RADIAL

SURVEY PLAT

OF
LOT 58,
 GATEWAY PHASE 21
 AS RECORDED IN PLAT BOOK 58, PAGE 60
 LYING IN
 SECTION 1, TOWNSHIP 45 SOUTH, RANGE 25 EAST,
 LEE COUNTY, FLORIDA

NOTES:

SURVEY BASED ON PLAT OF GATEWAY, PHASE 21 (PLAT BOOK 58, PAGE 60) AND FIELD LOCATED MONUMENTATION.

BEARINGS BASED ON PLAT OF GATEWAY, PHASE 21.

DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.

PARCEL SUBJECT TO EASEMENTS, RESTRICTIONS, RESERVATIONS AND RIGHTS- OF-WAY (RECORDED AND UNRECORDED, WRITTEN AND UNWRITTEN).

PARCEL LIES IN FLOOD ZONE B, NO BASE FLOOD ELEVATION. THIS INFORMATION TAKEN FROM FLOOD INSURANCE RATE MAP 125124 0350 B, EFFECTIVE DATE 9-19-84 (INDEX DATED 5-05-03).

THE F.E.M.A. FLOOD ZONE INFORMATION INDICATED HEREON IS BASED ON MAPS SUPPLIED BY THE FEDERAL GOVERNMENT. THIS FLOOD INFORMATION MUST BE VERIFIED WITH ALL PERMITTING REGULATORY ENTITIES PRIOR TO COMMENCING ANY WORK OR APPLICATION DEPENDENT ON SAID FLOOD INFORMATION.

IRON RODS "SET" ARE 5/8" X 18" REBAR WITH PLASTIC CAP BEARING CORPORATION NO. LB4919.

UNDERGROUND IMPROVEMENTS, UTILITIES AND/OR FOUNDATIONS WERE NOT LOCATED UNLESS OTHERWISE NOTED.

WETLANDS, IF ANY, WERE NOT LOCATED.

THIS PLAT PREPARED AS A BOUNDARY SURVEY AND IS NOT INTENDED TO DELINEATE THE JURISDICTION OR JURISDICTIONAL AREAS OF ANY FEDERAL, STATE, REGIONAL OR LOCAL AGENCY, BOARD, COMMISSION OR OTHER ENTITY.

PARCEL CONTAINS 0.23 ACRES (10,019 SQUARE FEET) MORE OR LESS.

BUILDING TIES ARE TO THE FOUNDATION CORNERS, OVERHANGS AND GUTTERS NOT SHOWN.

DATE OF LAST FIELD WORK: 12-23-03.

SURVEY MEETS OR EXCEEDS THE ACCURACY STANDARDS OF AN URBAN SURVEY (1:15,000).

*NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

BEAN, WHITAKER, LUTZ & KAREH, INC.

William E. Bean

WILLIAM E. BEAN (FOR THE FIRM)
 REGISTERED LAND SURVEYOR
 FLORIDA CERTIFICATE NO. 3261

- THIS CERTIFICATION IS ONLY FOR THE LANDS DESCRIBED HEREON.
- IT IS NOT A CERTIFICATION OF TITLE, ZONING, SETBACKS, OR FREEDOM OF ENCUMBRANCES.
- THIS SURVEY WAS PREPARED WITHOUT BENEFIT OF ABSTRACT OF TITLE AND ALL MATTERS OF TITLE SHOULD BE REFERRED TO AN ATTORNEY AT LAW.

CERTIFIED TO:

WILLIAM P. SOLL & ASTRID SOLL,
 HUSBAND & WIFE
 ORION BANK, INCLUDING ITS
 SUCCESSORS AND ASSIGNS
 ATTORNEYS' TITLE INSURANCE FUND, INC.
 ROETZEL & ANDRESS, L.P.A.

Bean, Whitaker, Lutz & Kareh, Inc. (LB 4919)

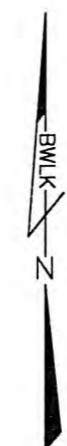
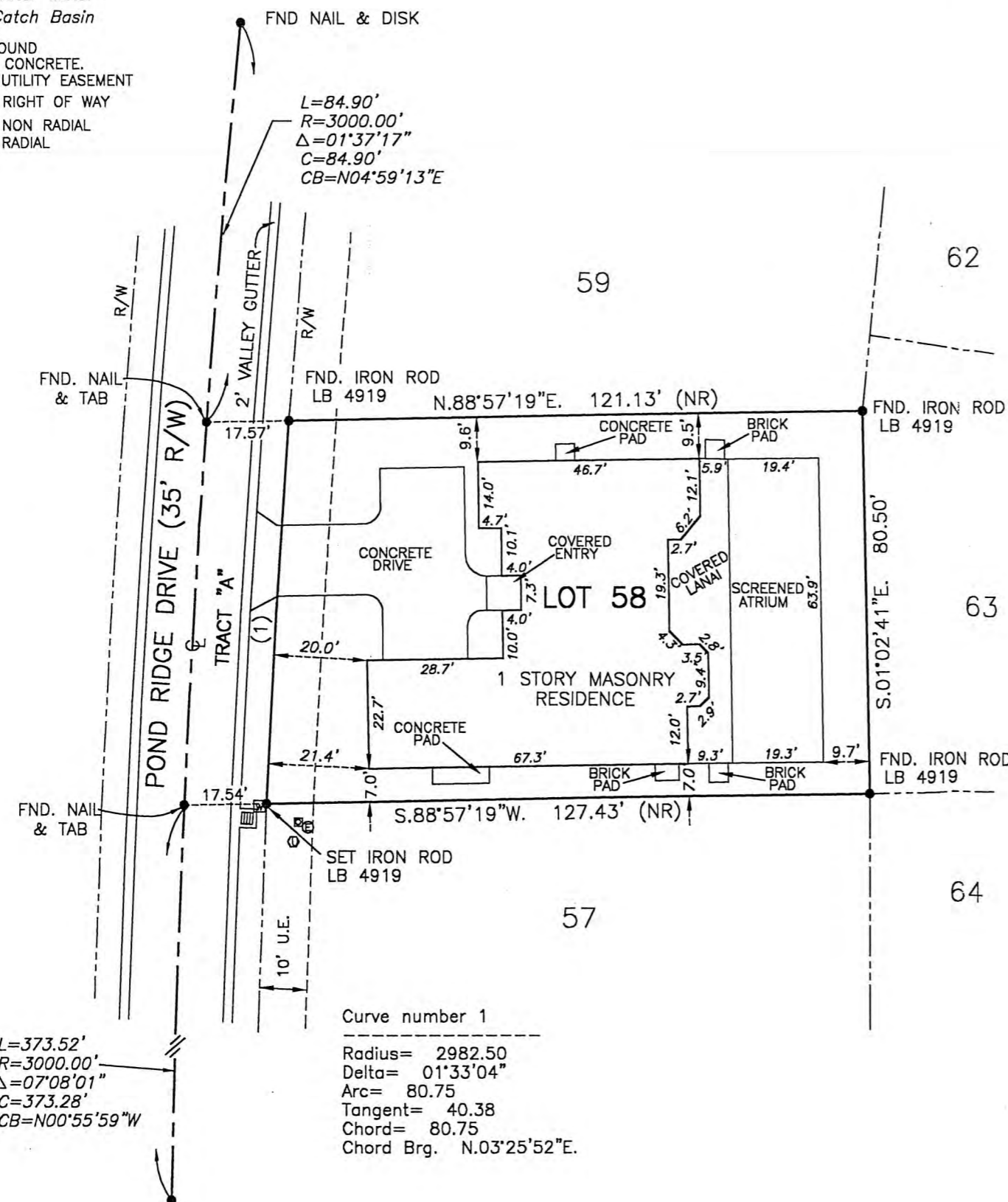
CIVIL ENGINEERS - SURVEYORS AND MAPPERS - PLANNERS

13041-1 MCGREGOR BOULEVARD, FORT MYERS, FLORIDA 33919-6910 (239) 481-1331

SRLOT58.DWG

DATE	PROJECT NO.	DRAWN BY	SCALE	SHEET	FILE NO. (S-T-R)
6-05-03	34231	WBP	1" = 30'	1 OF 1	1-45-26

REVISED: 12-23-03 FINAL SURVEY
 REVISED: 07-23-03 ADD FOUNDATION LOCATION



DOOR - WINDOWS - SKYLIGHTS - GARAGE DOOR - SHUTTER SCHEDULE

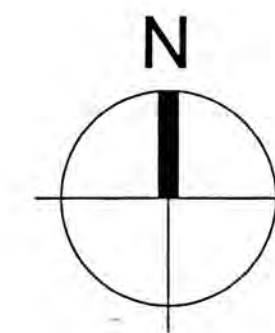
TYPE	SIZE (inches)			DETAIL			ZONE 1606.2 (c)	Design Pressure 1606.2 (PSF)	Wind-Borne Debris Prot.		Installation Note (List Below)	Product Approval Designation / Entity
	W	H	T	H	J	S			Y/N	Type		
W1	72	72					INTERIOR	+19.50/-21.50	YES	W.S.P.		"PGT INDUSTRIES"
W2	36	75					INTERIOR	+20.80/-22.60	YES	W.S.P.		"PGT INDUSTRIES"
W3	20	75					INTERIOR	+20.80/-22.60	YES	W.S.P.		"PGT INDUSTRIES"
W4	96	75					INTERIOR	+19.50/-21.50	YES	W.S.P.		"PGT INDUSTRIES"
W5	27	75					INTERIOR	+20.80/-22.60	YES	SHUTTER		"PGT INDUSTRIES"
W6	48	30					END	+21.80/-29.10	YES	SHUTTER		"PGT INDUSTRIES"
W7	27	38					END	+21.80/-29.10	YES	SHUTTER		"PGT INDUSTRIES"
W8	72	30					END	+20.80/-27.20	YES	SHUTTER		"PGT INDUSTRIES"
D1	216	96					INTERIOR	+18.50/-20.40	YES	BUILT-IN		"OVERHEAD DOOR"
D2	36	96					INTERIOR	+19.50/-21.30	YES	SHUTTER		"THERMA-TRU"
D3	72	96					INTERIOR	+19.50/-21.30	YES	W.S.P.		"THERMA-TRU"
D4	144	96					INTERIOR	+18.50/-20.40	YES	SHUTTER		"PGT INDUSTRIES"
D5	72	96					INTERIOR	+19.50/-21.30	YES	SHUTTER		"THERMA-TRU"

NOTE: WSP - WOOD STRUCTURAL PANEL PER SECTION 1606.1.4 OF THE FLORIDA BUILDING CODE 2001 EDITION

EXTERIOR DOORS TO BE "THERMA-TRU" MODEL # 108

GENERAL CONTRACTOR TO PROVIDE MANUFACTURER'S DOCUMENTATION INDICATING COMPLIANCE WITH WIND DESIGN PRESSURES AS INDICATED ABOVE FOR WINDOWS, DOORS, AND SHUTTERS

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. GENERAL CONTRACTOR AND ALL SUB-CONTRACTOR TRADES SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS OF THE JOB AND MUST NOTIFY IN WRITING ANY VARIATION FROM THE DIMENSIONS, CONDITIONS, AND SPECIFICATIONS SHOWN BY THESE DRAWINGS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND ALL STATE AND LOCAL CODES HAVING JURISDICTION.

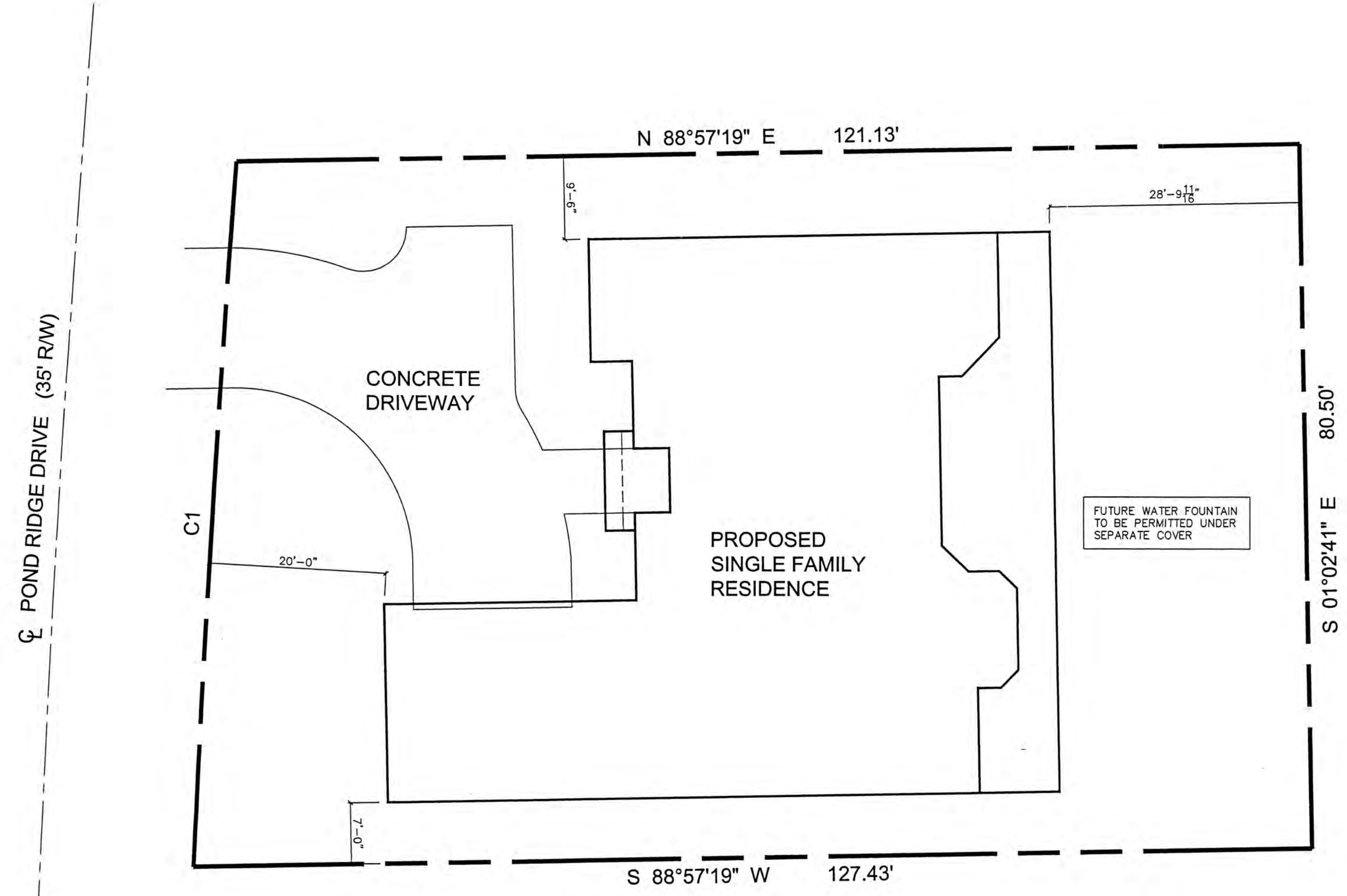


SCALE: 1" = 10'
SITE PLAN

LEGAL DESCRIPTION:

LOT 58, CYPRESS LINKS, PHASE II, GATE WAY SUBDIVISION

CURVE DATA
RADIUS: 2982.50'
CHORD: 80.75'
BEARING: N 03°25'52" E



PROJECT DATA SUMMARY

PROJECT NAME: SOLL RESIDENCE
PROJECT ADDRESS: POND RIDGE DRIVE
PROPOSED USE: SINGLE FAMILY RESIDENCE
OWNER/CONTACT PERSON: WILLIAM SOLL

APPLICABLE CODES
BUILDING CODE: FLORIDA BUILDING CODE, BUILDING 2001
MECHANICAL CODE: FLORIDA BUILDING CODE, MECHANICAL 2001
PLUMBING CODE: FLORIDA BUILDING CODE, PLUMBING 2001
ELECTRICAL CODE: NEC 99
FIRE CODE: NFPA 70
LIFE SAFETY CODE: NFPA 101
ACCESSIBILITY CODE: FLORIDA BUILDING CODE, BUILDING 2001
ENERGY CODE: FLORIDA BUILDING CODE, BUILDING 2001
ELEVATOR CODE:

STRUCTURAL FORCES (SECTION 1603 & 1604)
FLOOR DESIGN: LIVE LOAD 40 P.S.F., DEAD LOAD 15 P.S.F.
ROOF DESIGN: LIVE LOAD 30 P.S.F., DEAD LOAD 25 P.S.F.

WIND DESIGN (SECTION 1606)
BASIC WIND SPEED: 130 M.P.H. (FIGURE 1606)
IMPORTANCE FACTOR: 1.0 (TABLE 1606)
EXPOSURE: © or C (CIRCLE ONE) (SECTION 1606.1.8)
METHOD OF DESIGN: ASCE 7-98 (SECTION 1606.1.1)
INTERNAL PRESSURE COEFFICIENT: 0.18 FOR ENCLOSED

CONTRACTOR:

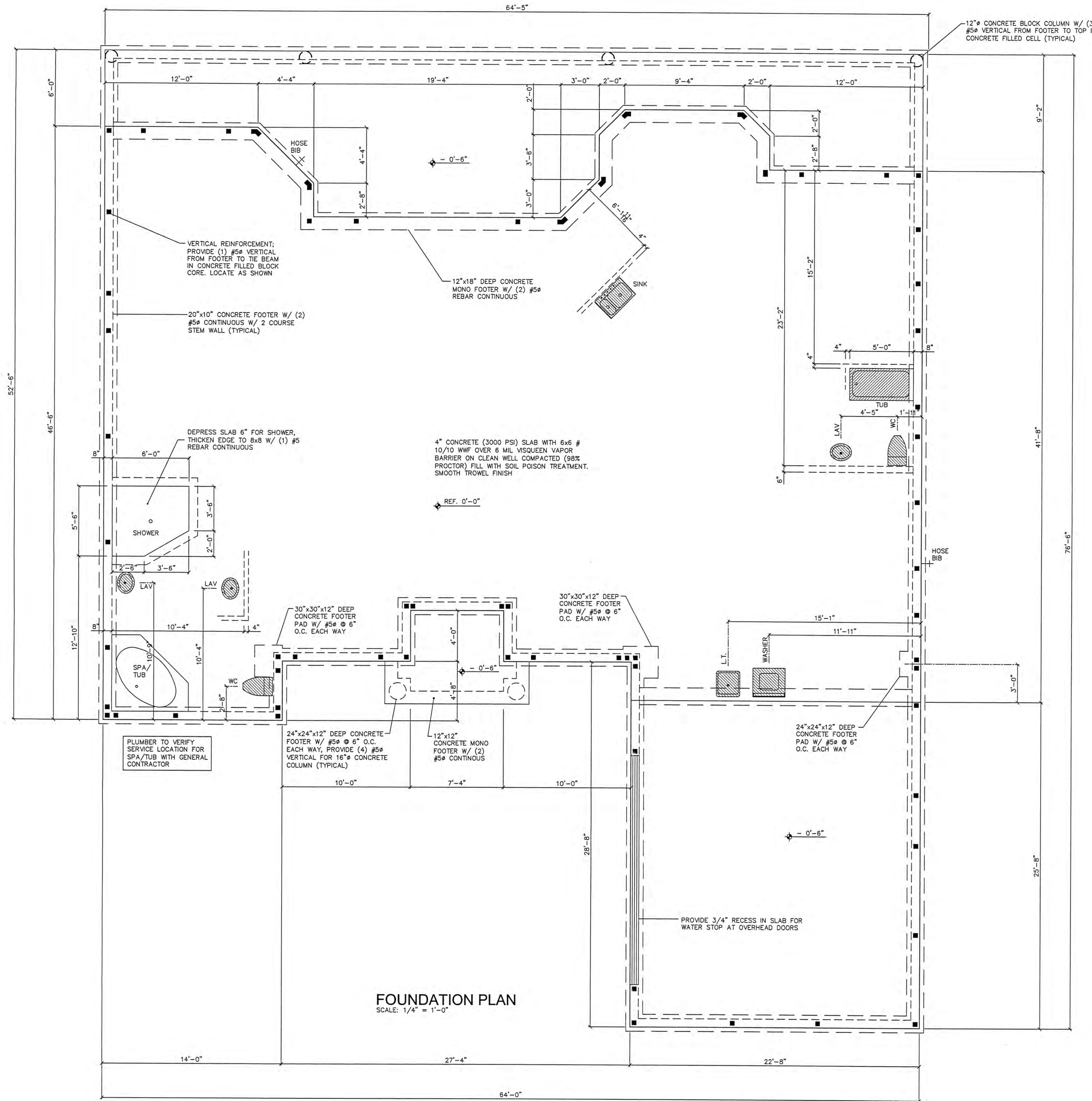
IRVING M. ADDIS ARCHITECT
6322 PRESIDENTIAL COURT
FORT MYERS, FL 33919
PHONE: 489-1455
FAX: 432-0595

SEAL
Irving M. Addis
6/22/07

PROJECT FOR:
BILL & ASTRID SOLL
POND RIDGE ROAD LEE COUNTY FLORIDA

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SHEET NO.
1 of 9



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

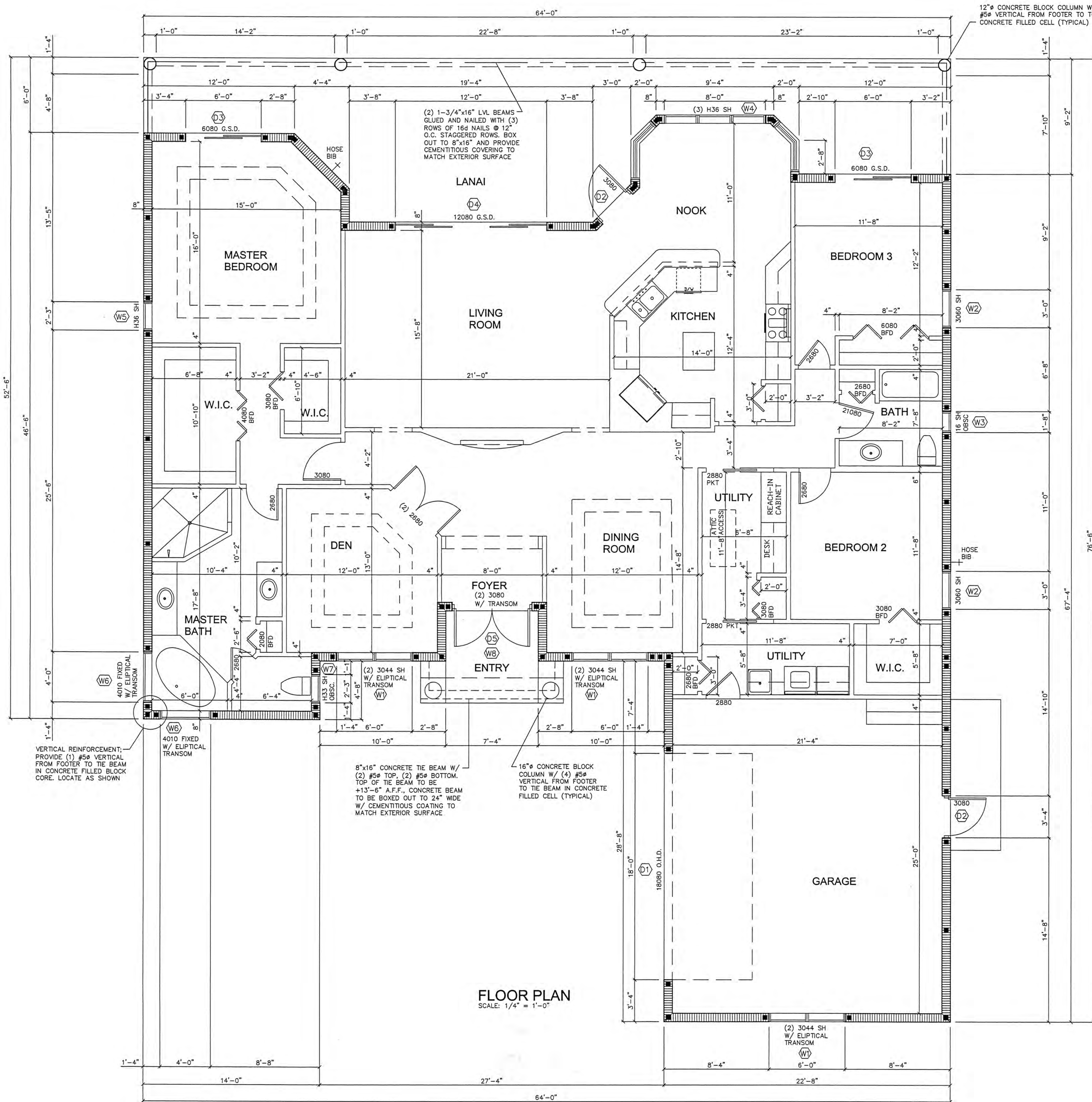
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SEAL
Irving M. Addis
6/2/04

PROJECT FOR:
BILL & ASTRID SOLL
POND RIDGE ROAD LEE COUNTY FLORIDA

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

AREAS:	
LIVING:	2,544 S.F.
GARAGE:	582 S.F.
PATIO:	557 S.F.
ENTRY:	67 S.F.
TOTAL:	3,750 S.F.

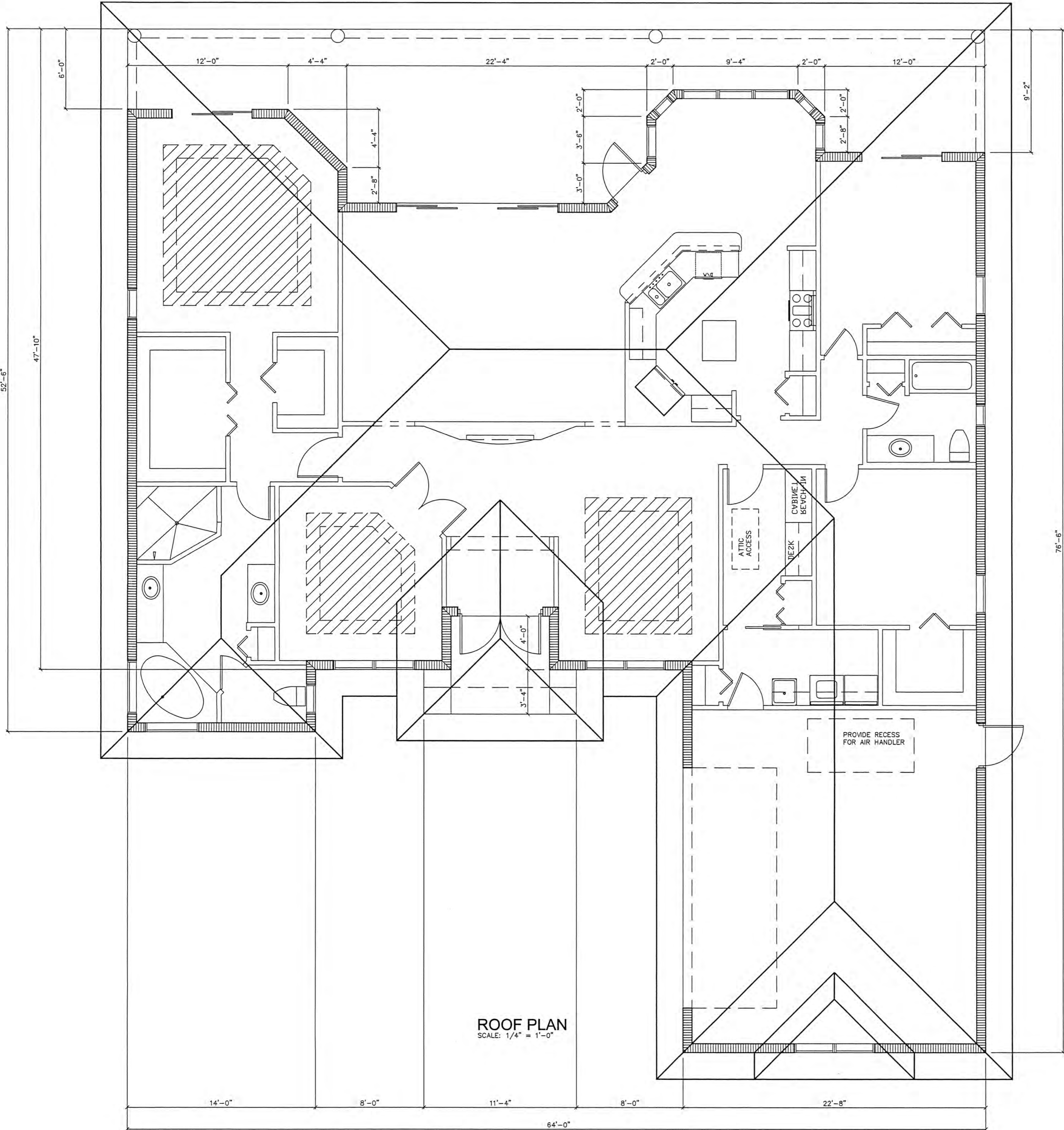
CONTRACTOR:
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PHONE: 489-1455
FAX: 432-0595

SEAL
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62 2607

PROJECT FOR:
BILL & ASTRID SOLL
POND RIDGE ROAD LEE COUNTY FLORIDA

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3 of 9

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

ROOF TRUSS CONNECTOR DATA

TRUSS LABEL	UPLIFTS EXCEEDING 1000#	UPLIFTS REF. NUMBER	CONNECTOR
A1	2,991	3	USC63
A2	1,728	2	HETA20
A3	1,796	2	HETA20
A4	1,541	2	HETA20
A5	1,351	2	HETA20
A6	1,368	2	HETA20
A7	1,343	2	HETA20
A8	1,302	2	HETA20
A9	1,283	2	HETA20
A10	1,522	2	HETA20
A11	1,615	2	HETA20
A12	1,651	2	HETA20
A13	1,286	2	HETA20
A14	1,550	2	HETA20
A15	1,489	2	HETA20
A16	1,532	2	HETA20
A17	1,527	2	HETA20
A18	1,286	2	HETA20
A19	1,305	2	HETA20
A21	1,597	2	HETA20
A23	1,156	1	HETA20
A24	1,186	1	HETA20
A25	1,232	2	HETA20
A26	2,655	3	USC63
A26	1,965	2	2-HETA20
B7	3,243	3	USC63
B7	5,144	5	USC63
D2	3,451	3	USC63
D2	1,968	2	2-HETA20

NOTE: ALL OTHER TRUSS CONNECTORS TO BE TA16. SEE TRUSS LAYOUT BY RAYMOND BUILDING SUPPLY FOR EXACT LOCATIONS

ROOF DATA:
PITCH - 6:12
PLATE HEIGHT - 10'-0" A.F.F.
TRAY CEILING HEIGHT - 11'-0" A.F.F.

CONTRACTOR:

IRVING M. ADDIS ARCHITECT
6322 PRESIDENTIAL COURT PHONE: 489-1455
FORT MYERS, FL 33919 FAX: 432-0595

SEAL
Irving M. Addis
6/2/03

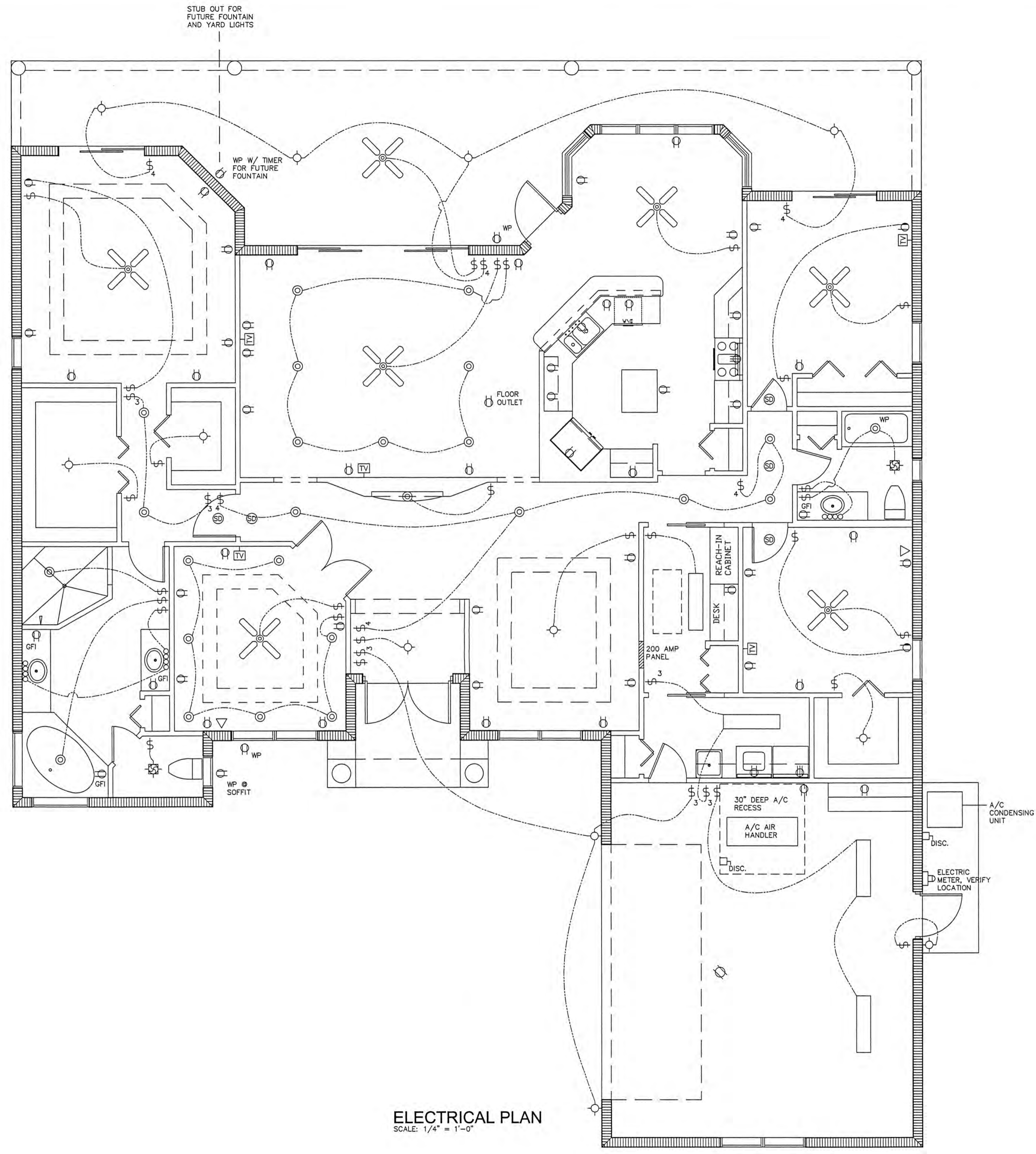
PROJECT FOR:
BILL & ASTRID SOLL
POND RIDGE ROAD LEE COUNTY FLORIDA

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SHEET NO.
4 of 9

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ELECTRICAL LEGEND			
⊕	115V RECEPT.	⊕	SWITCH
⊕	220V RECEPT.	⊕	3 WAY SWITCH
⊕	1/2 HOT	⊕	DIMMER SWITCH
▽	VERIFY LOCATION	⊕ ^{WP}	WATER PROOF
⊕ ^{GF}	GROUND FAULT	⊕ ^{VC}	VERIFY LOCATION CABLE T.V.
⊕	CEILING LIGHT	⊕ ^{FR}	115V RECEPT FLOOR RECEPT.
⊕ ^{WL}	WALL LIGHT	⊕	EYE BALL LIGHT
⊕ ^{VP}	VAPOR PROOF RECESSED FAN	⊕	RECESSED FAN
⊕ ^{HVAL}	HEAT VENT AND LIGHT	⊕	VENT AND LIGHT
⊕ ^{SD}	VENT	⊕	SMOKE DETECTOR
⊕ ^{YL}	YARD LIGHT	⊕ ^{FL}	FLOOD LIGHT
⊕ ^{EP}	ELEC. PANEL	⊕ ^{MU}	MAKE-UP LIGHTS
⊕ ^{CH}	CHIMES	⊕ SM	SOFFIT MOUNTED LIGHT
⊕ ^{2B}	2-BULB FLOW	⊕ ^{SR}	SERVICE
⊕ ^{A/C}	AIR HANDLER	⊕	SPEAKER
⊕ ²⁴	24" FLOU. 1 BULB	⊕ ⁴⁸	48" FLOU. 2 BULB
⊕	FAN	⊕	FAN W/ LIGHT



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

CONTRACTOR:

IRVING M. ADDIS ARCHITECT
PHONE: 489-1455
FAX: 432-0595
G322 PRESIDENTIAL COURT
FORT MYERS, FL 33919

SEAL
Irving M. Addis
6/27/2009

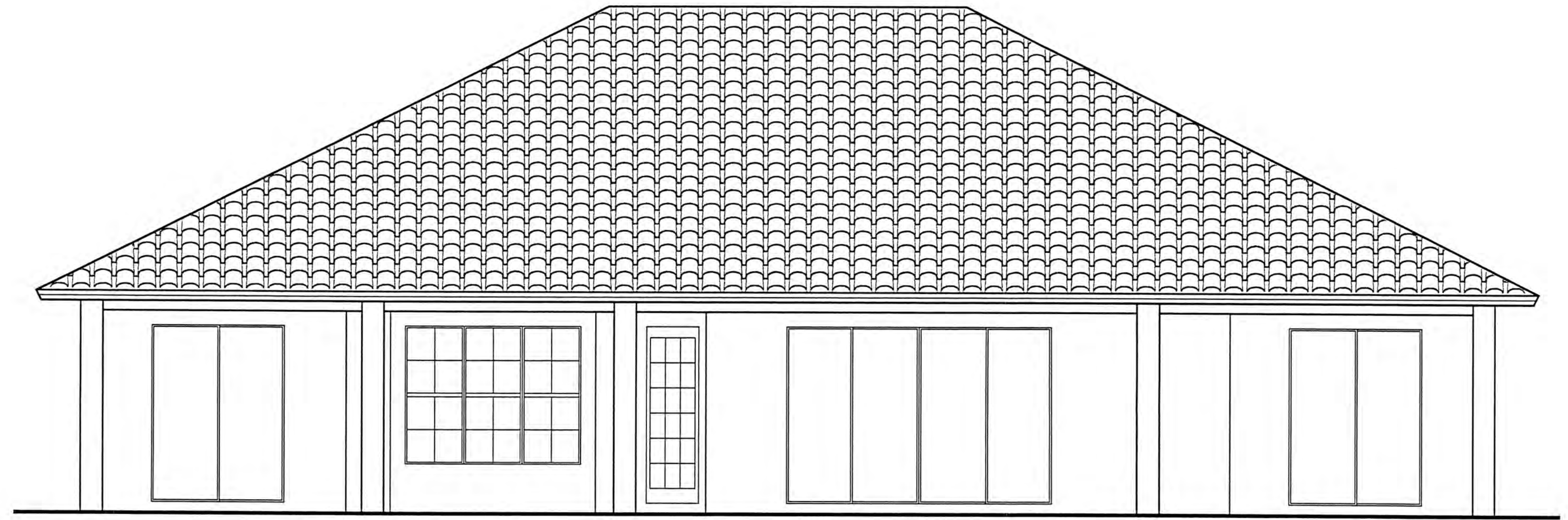
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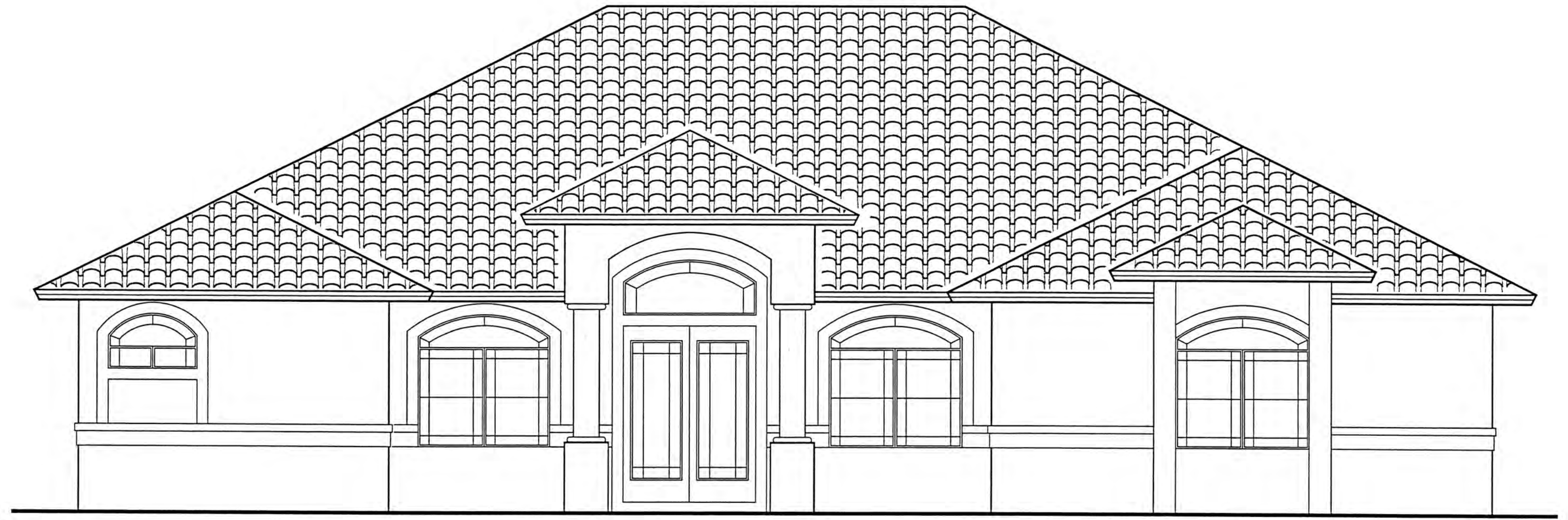
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5 of 9

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



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

CONTRACTOR:

IRVING M. ADDIS ARCHITECT
6322 PRESIDENTIAL COURT
FORT MYERS, FL 33919
PHONE: 489-1455
FAX: 432-0595

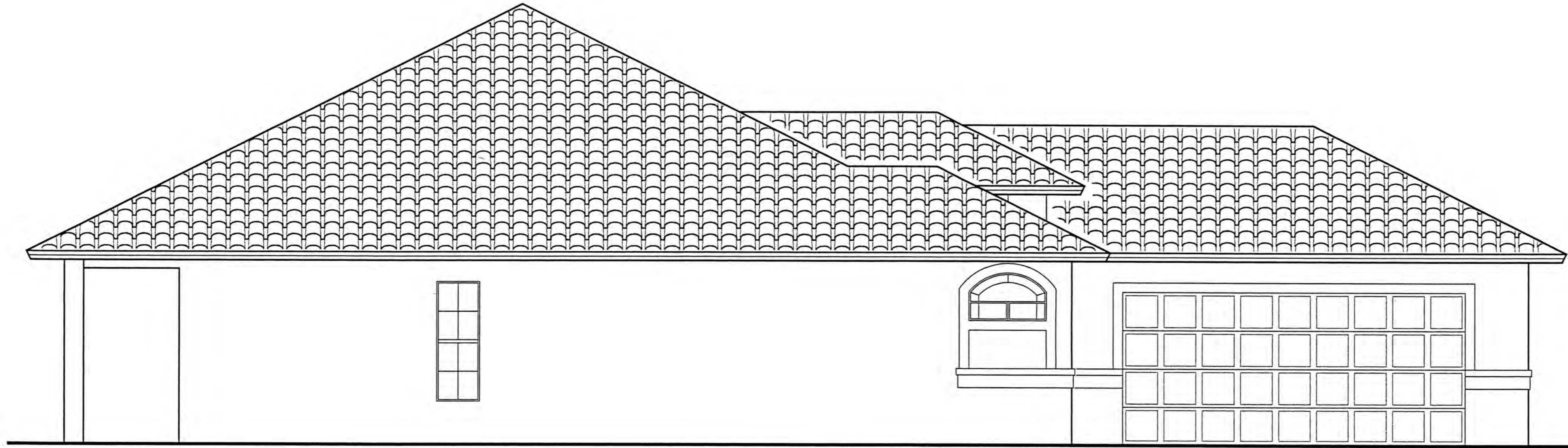
SEA
Irving M. Addis
6/2/2003

PROJECT FOR:
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POND RIDGE ROAD LEE COUNTY FLORIDA

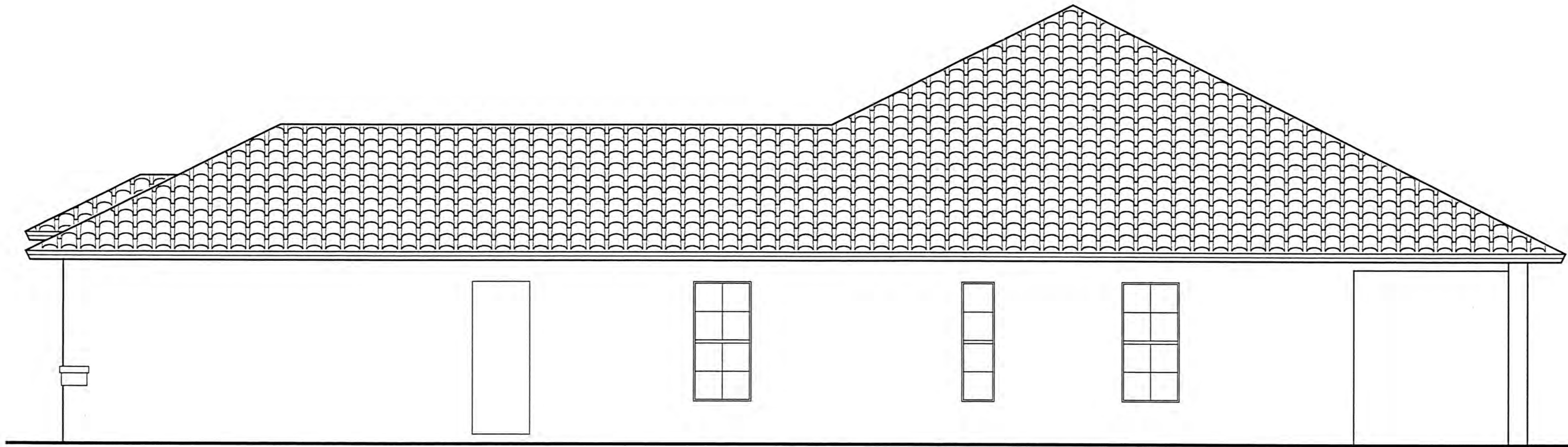
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LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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

CONTRACTOR:

IRVING M. ADDIS ARCHITECT
6322 PRESIDENTIAL COURT PHONE: 489-1455
FORT MYERS, FL 33919 FAX: 432-0595

SEAL
Irving M. Addis
622003

PROJECT FOR:
BILL & ASTRID SOLL
POND RIDGE ROAD LEE COUNTY FLORIDA

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CONCRETE

- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE. PLACEMENT SHALL BE IN ACCORDANCE WITH ACI 318.
- ALL CONCRETE SLABS ON GRADE SHALL BE THE THICKNESS INDICATED ON THE DRAWINGS, OVER A MINIMUM 8 MIL POLYETHYLENE VAPOR BARRIER. SUCH SLABS SHALL BE REINFORCED WITH 6" x 6" #10/10 WELDED WIRE FABRIC LAPPED 6" AT EDGES AND ENDS.
- FILL UNDER CONCRETE SLABS SHALL BE CLEAN SAND OR ROCK AND FREE OF DEBRIS AND OTHER DELETERIOUS MATERIAL. FILL SHALL BE COMPACTED TO A DENSITY OF AT LEAST 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
- FOOTINGS SHALL BEAR UPON UNDISTURBED TREATED SOIL OR UPON SOIL COMPACTED TO AT LEAST 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D1557) FOR A DEPTH OF AT LEAST THREE (3) FEET BELOW THE BOTTOM OF THE FOOTING.
- WHERE SHOWN, CORES OF BLOCK MASONRY SHALL BE FILLED WITH GROUT OR PEA GRAVEL CONCRETE WITH MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND REINFORCING STEEL AS INDICATED ON THE DRAWINGS.
- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 DEFORMED STEEL. ALL CONTINUOUS VERTICAL AND HORIZONTAL REINFORCING STEEL IN FOOTINGS, BEAMS AND COLUMNS SHALL BE SPICED A MINIMUM OF 30 BAR DIAMETER OR 12", WHICHEVER IS GREATER.
- ALL 90 DEGREE HOOKS WITH SIDE COVER (PERPENDICULAR TO PLANE OF HOOK) NOT LESS THAN 2.5 INCHES, AND COVER ON BAR EXTENSION BEYOND HOOK (ALSO CALLED END COVER) NOT LESS THAN 2 INCHES; SHALL BE EMBEDDED IN SUPPORT MEMBER A MINIMUM OF 15.5 BAR DIAMETERS; AND THE HOOK SHALL BE EXTENDED AT LEAST 12 BAR DIAMETERS AT THE FREE END OF THE BAR WITHIN THE SUPPORT MEMBER. ALL 90 DEGREE HOOKS WITH SIDE COVER (PERPENDICULAR TO PLANE OF HOOK) LESS THAN 2.5 INCHES, AND COVER ON BAR EXTENSION BEYOND HOOK (ALSO CALLED END COVER) LESS THAN 2 INCHES; SHALL BE EMBEDDED IN SUPPORT MEMBER A MINIMUM OF 22 BAR DIAMETERS; AND THE HOOK SHALL BE EXTENDED AT LEAST 12 BAR DIAMETERS AT THE FREE END OF THE BAR WITHIN THE SUPPORT MEMBER.
- CONCRETE COVER AND SPACING OF REINFORCING STEEL SHALL BE AS FOLLOWS:
 - A. FOOTINGS: 3" BOTTOMS AND SIDES, 2" TOP
 - B. BEAMS: 1 1/2" BOTTOM, SIDES AND TOP
 - C. COLUMNS: 1 1/2"
 - D. SLABS ON GRADE: 2" BOTTOM, 1" TOP
 - E. SPACING BETWEEN STEEL WITHIN BEAM IS 1 BAR DIAMETER OR 1" WHICHEVER IS GREATER
 - F. OTHERS: PER ACI
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185, FREE FROM OIL, SCALE, AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL PLACE DETAILS OF ACI STANDARDS AND SPECIFICATIONS. MINIMUM LAP SHALL BE ONE SPACE PLUS TWO (2) INCHES.

MASONRY

- CONCRETE MASONRY UNITS SHALL BE ASTM C90-75, HOLLOW LOAD BEARING CONCRETE MASONRY UNITS, TYPE I, GRADE N-1, NORMAL WEIGHT.
- MORTAR SHALL CONFORM TO ASTM C270 TYPE M OR S.
- HORIZONTAL MASONRY JOINT REINFORCEMENT SHALL BE PROVIDED FOR ALL WALLS GREATER THAN 10'-0" HIGH. USE TRUSS-TYPE WITH 6" LAP AT ALL SPLICES AND PLACE AT EVERY 3rd BLOCK COURSE.
- MASONRY: MINIMUM COMPRESSIVE STRENGTH F'M-1,500 PSI.
- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 DEFORMED STEEL. MINIMUM LAP SPLICE SHALL BE 48 BAR DIAMETER OR 12" WHICHEVER IS GREATER.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, AND SLAB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL BOLTS, NUTS, WASHERS, STRAPS, AND FASTENERS INCLUDING NAILS SHALL BE HOT-DIP GALVANIZED OR STAINLESS STEEL. CONTINUOUS ANCHORAGE SHALL BE PROVIDED BETWEEN ALL TRUSSES, WALL SECTIONS, BEAMS, POSTS, AND FOOTINGS WITH THE USE OF STRAPS AND CONNECTORS AS SPECIFIED HEREIN, EXCEPT FOR INTERIOR FRAMING.
- ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- WIND BRACING (1st AND 2nd FLOORS) WITH 18 GAUGE X 1-1/4" GALVANIZED STRAPS 10'-0" LONG PLACED DIAGONALLY, ALL BEARING WALLS AT CORNERS OR WITH 4'-0" X 10'-0" OR 8'-0" X 5/8" EXTERIOR GRADE PLYWOOD SIDING.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUY'S OR TIE DOWNS.

WOOD FRAMING

- ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER ATC AND TPI AND NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
- ALL STRUCTURAL WOOD MEMBERS SHALL BE SOUTHERN YELLOW PINE, UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - A. STRUCTURAL LIGHT FRAMING 2" x 4" THICK x 2" x 4" WIDE± #2 NON-DENSE OR BETTER
 - B. STUDS SIZE 2" TO 4" THICK x 2" TO 6" WIDE ± #2 DENSE OR BETTER
 - C. STRUCTURAL JOIST AND PLANK SIZE 2" TO 4" THICK x 5" TO 8" WIDE± #2 OR BETTER: 9" TO 12" WIDE: #1 OR BETTER
 - D. LIGHT FRAMING SIZES 2" TO 4" THICK x 3" TO 4" WIDE± #2 NON-DENSE OR BETTER.
 - E. ALTERNATE FRAMING WALL CONSTRUCTION± SPF OR HEM-FIR #2, BEARING STUD, NON-BEARING.
- PLYWOOD SHEATHING SHALL BE APA STRUCTURAL I, GROUP I, SIZE AND SPAN RATING AS SHOWN ON THE DRAWINGS. NAIL WITH 8d NAILS (COMMON OR GUN) AT 6" O.C. AT INTERMEDIATE SUPPORTS
 - ***ALTERNATE SHEATHING FASTENING± 16 GA. X 7/16" STAPLES 1-3/4" LONG, AT 3" O.C. EDGES AND 6" O.C. INTERMEDIATE
- ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY, CONCRETE, OR SOIL SHALL BE PRESSURE TREATED. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION. FASTENING SUBJECT TO MOISTURE SHALL BE HOT-DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
- ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISC SPECIFICATIONS.
- SOLID BLOCK ATL JOISTS AND RAFTERS AT INTERIOR POINTS OF SUPPORT.
- PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA, NATIONAL SPECIFICATIONS FOR WOOD CONSTRUCTION, TPI DESIGN SPECIFICATIONS FOR METAL-PLATED WOOD TRUSSES AND AITC 100. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURER'S STATE OF FLORIDA REGISTERED ENGINEER.
- CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSES.
- TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSION, MATERIALS AND CONDITIONS.
- AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
- BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BWT-76.
- MICRO-LAMS (OR EQUAL PARALAMS, LVL'S, ETC.) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA. MINIMUM, GALVANIZED STEEL FLASHING.
- SPLICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
- DOUBLE TOP PLATES SHALL BE OVERLAPPED AT CORNERS AND SECURED WITH 2-16d NAILS. MID-WALL SPLICES SHALL BE 24" MINIMUM W/2 ROWS OF 16d NAILS AT 6" O.C., STAGGERED.

EXTERIOR BEARING & SHEAR WALLS:

STUDS SHALL BE @ MAX. 16" O.C. W/ 2" x P.T. BOTTOM PLATES AND DOUBLE TOP PLATES. SEE ENGINEERING SPECS FOR LUMBER GRADES. BOTTOM PLATES AND LOWER TOP PLATES SHALL BE NAILED TO EACH STUD W/ 3-16d TOE NAILED. THE UPPER TOP PLATE SHALL BE NAILED TO THE LOWER TOP PLATE W/ 2 ROWS 16d NAILS @ 8" O.C. WALLS SHALL BE PROVIDED WITH CONTINUOUS MID-POINT 2" X BLOCKING EQUALLY SPACED @ 48" O.C. FOR SHEATHING EDGE SUPPORT W/ 3-16d NAILS TO EACH STUD. PROVIDE SIMPSON SP4 @ TOP PLATE TO EACH STUD AND SIMPSON SP4 @ BOTTOM PLATE TO EACH STUD. MAXIMUM PENETRATION THRU TIP AND BOTTOM PLATES SHALL BE NO GREATER THAN 25% OF THE WALL THICKNESS. NOMINAL (APA 24/16) EXTERIOR GRADE SHEATHING, LAID HORIZONTALLY TO FRAMING, AND NAILED W/ 8d RING OR SCREW SHANK NAILS @ 6" O.C. @ EDGES & 12" O.C. @ INTERMEDIATE ZONES. MAXIMUM PENETRATION THRU TOP AND BOTTOM PLATES SHALL BE NO GREATER THAN 25% OF THE WALL THICKNESS. SEE BELOW FOR ANCHOR BOLT REQUIREMENTS. PROVIDE (2) SIMPSON DTL @ DOUBLE TOP PLATE TO TRUSS @ MAX. 24" O.C.

INTERIOR BEARING & SHEAR WALLS:

STUDS SHALL BE @ MAX. 16" O.C. W/ 2" x P.T. BOTTOM PLATES AND DOUBLE TOP PLATES. SEE ENGINEERING SPECS FOR LUMBER GRADES. BOTTOM PLATES AND LOWER TOP PLATES SHALL BE NAILED TO EACH STUD W/ 3-16d TOE NAILED. THE UPPER TOP PLATE SHALL BE NAILED TO THE LOWER TOP PLATE W/ 2 ROWS 16d NAILS @ 8" O.C. WALLS SHALL BE PROVIDED WITH CONTINUOUS 2" X BLOCKING EQUALLY SPACED @ 48" O.C. FOR SHEATHING EDGE SUPPORT W/ (3) 16d TOE NAILED TO EACH STUD. PROVIDE SIMPSON SP4 @ TOP PLATE TO EACH STUD AND SIMPSON SP4 @ BOTTOM PLATE TO EACH STUD. MAXIMUM PENETRATION THRU TOP AND BOTTOM PLATES SHALL BE NO GREATER THAN 25% OF THE WALL THICKNESS. SEE BELOW FOR ANCHOR BOLT REQUIREMENTS. 1/2" PLYWOOD (APA 32/16) SHEATHING SHALL BE PROVIDED ON ONE SIDE OF WALL. LAID PERPENDICULAR TO FRAMING & FASTENED W/ 10d NAILS @ 6" O.C. @ EDGES & 12" O.C. @ FIELD AREAS. PROVIDE 1/2" GYPSUM DRYWALL TO OTHER SIDE OF WALL FASTENED W/ TYPE "W" #6 X 1 1/4" DRYWALL SCREWS @ 4" O.C. @ EDGES & 7" O.C. @ FIELD AREAS. 1/2" DRYWALL MAY BE APPLIED OVER PLYWOOD SIDE OF WALL FOR FINISHING. PROVIDE (2) SIMPSON DTL @ DOUBLE TOP PLATE TO TRUSS @ MAX. 24" O.C.

INTERIOR BEARING & SHEAR WALLS:

STUDS SHALL BE @ MAX. 16" O.C. W/ 2" x P.T. BOTTOM PLATES AND DOUBLE TOP PLATES. SEE ENGINEERING SPECS FOR LUMBER GRADES. BOTTOM PLATES AND LOWER TOP PLATES SHALL BE NAILED TO EACH STUD W/ 3-16d TOE NAILED. THE UPPER TOP PLATE SHALL BE NAILED TO THE LOWER TOP PLATE W/ 2 ROWS 16d NAILS @ 8" O.C. WALLS SHALL BE PROVIDED WITH CONTINUOUS 2" X BLOCKING EQUALLY SPACED @ 48" O.C. FOR SHEATHING EDGE SUPPORT W/ (3) 16d TOE NAILED TO EACH STUD. PROVIDE SIMPSON SP4 @ TOP PLATE TO EACH STUD AND SIMPSON SP4 @ BOTTOM PLATE TO EACH STUD. MAXIMUM PENETRATION THRU TOP AND BOTTOM PLATES SHALL BE NO GREATER THAN 25% OF THE WALL THICKNESS. SEE BELOW FOR ANCHOR BOLT REQUIREMENTS. 1/2" PLYWOOD (APA 32/16) SHEATHING SHALL BE PROVIDED ON ONE SIDE OF WALL. LAID PERPENDICULAR TO FRAMING & FASTENED W/ 10d NAILS @ 6" O.C. @ EDGES & 12" O.C. @ FIELD AREAS. PROVIDE 1/2" GYPSUM DRYWALL TO OTHER SIDE OF WALL FASTENED W/ TYPE "W" #6 X 1 1/4" DRYWALL SCREWS @ 4" O.C. @ EDGES & 7" O.C. @ FIELD AREAS. 1/2" DRYWALL MAY BE APPLIED OVER PLYWOOD SIDE OF WALL FOR FINISHING. PROVIDE (2) SIMPSON DTL @ DOUBLE TOP PLATE TO TRUSS @ MAX. 24" O.C.

HEADERS IN BEARING & SHEAR WALLS

UNLESS OTHERWISE NOTED, HEADERS SHALL BE A MINIMUM 2'-2" X 12" WITH 1/2" FLITCH PLATE NAILED W/ 3 ROWS 16d NAILS @ 8" O.C. STAGGERED EACH PLY. PROVIDE MINIMUM 3" BEARING EACH END OF HEADER. ATTACH HEADER TO STUD JACKS W/ 1-SIMPSON LSTA18 EACH STUD TO HEADER.

EXTERIOR NON-BEARING & NON-SHEAR WALLS

STUDS SHALL BE @ MAX. 16" O.C. W/ 2" x P.T. BOTTOM PLATES AND DOUBLE TOP PLATES. SEE ENGINEERING SPECS FOR LUMBER GRADES. BOTTOM PLATES AND LOWER TOP PLATES SHALL BE NAILED TO EACH STUD W/ 2-16d NAILS. THE UPPER TOP PLATE SHALL BE NAILED TO THE LOWER TOP PLATE W/ 2 ROWS 16d @ 8" O.C. PROVIDE SIMPSON SP4 @ TOP PLATE AND BOTTOM PLATE TO STUD @ MAXIMUM 32" O.C. WALL SHALL BE SHEETED W/ 1/2" NOMINAL (APA 24/16) EXTERIOR GRADE SHEATHING, LAID HORIZONTALLY TO FRAMING AND NAILED W/ 8d RING OR SCREW SHANK NAILS @ 6" O.C. @ EDGES & 12" O.C. @ INTERMEDIATE ZONES. SEE BELOW FOR ANCHOR BOLT REQUIREMENTS. PROVIDE (2) SIMPSON DTC @ DOUBLE TOP PLATE TO TRUSS @ MAXIMUM 24" O.C.

HEADERS IN EXTERIOR NON-BEARING & NON-SHEAR WALLS

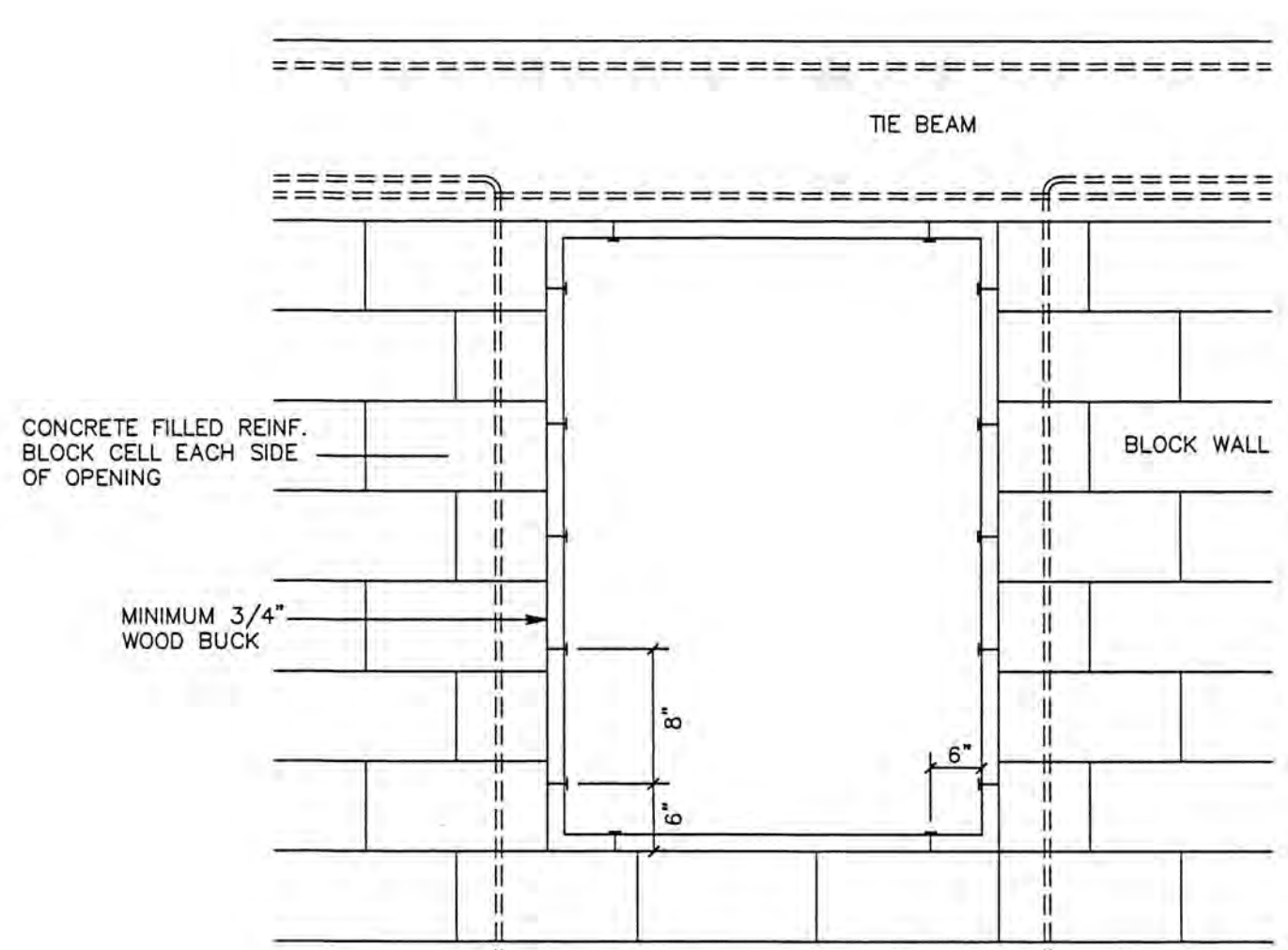
UNLESS OTHERWISE NOTED, HEADERS SHALL BE A MINIMUM 2'-2" X 12" WITH 1/2" FLITCH PLATE NAILED W/ 3 ROWS 16d NAILS @ 8" O.C. STAGGERED EACH PLY. PROVIDE MINIMUM 1 1/2" BEARING EACH END OF HEADER. ATTACH HEAD TO STUD JACKS W/ 1-SIMPSON LSTA18 EACH STUD TO HEADER.

ANCHOR BOLTS FOR FRAME TO MASONRY

PROVIDE MINIMUM 5/8" X 10" J BOLTS STARTING @ 6" FROM END @ MAXIMUM 48" O.C. W/ MINIMUM 7" EMBEDMENT INTO CONC. AND CENTERED IN 2" X P.T. BOTTOM PLATE PROVIDE 3" SQ. WASHER FOR J BOLT. SIMPSON MAS MUD SILL ANCHORS (OR EQUALS) @ 24" O.C. OR SIMPSON 1/2" X 7" WEDGE - ALL (OR EQUAL) 3/ 3" SQ. WASHER W/ 4 1/2" EMBEDMENT @ 32" O.C. CENTERED IN 2" X P.T. BOTTOM PLATE MAY BE USED IN LIEU OF J BOLTS. SPACING FOR SHEAR WALLS W/ PLYWOOD SHEATHING ON BOTH SIDES SHALL BE HALF ON THE PREVIOUSLY SPECIFIED ANCHOR SPACING.

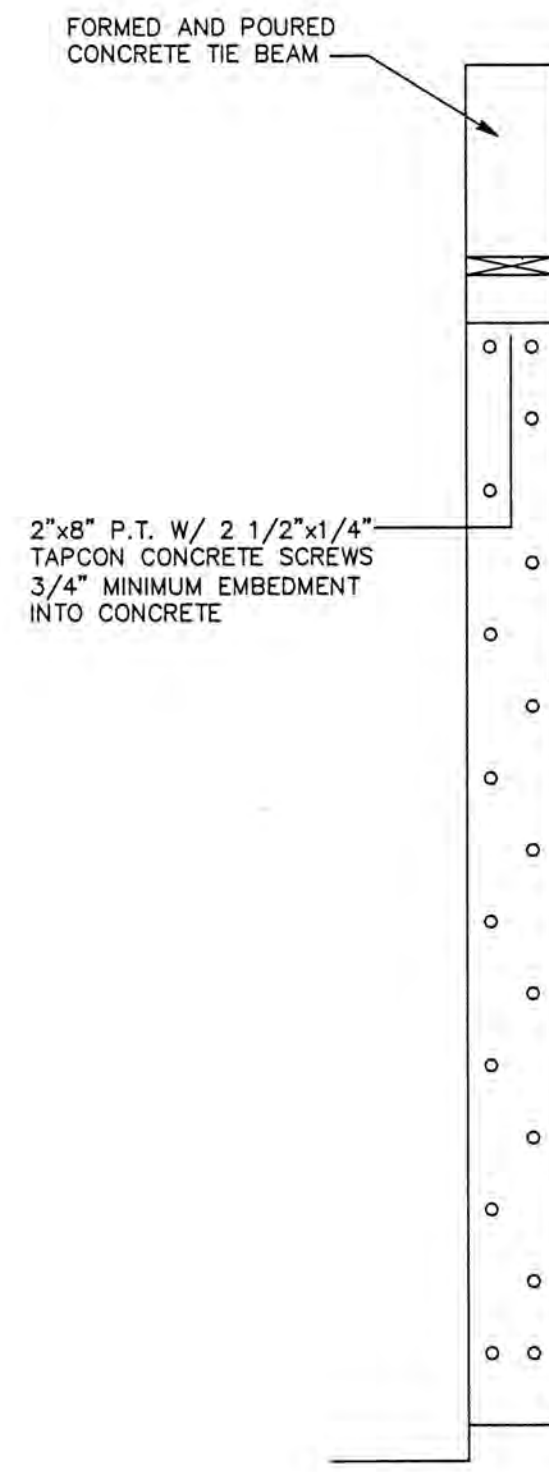
FRAME BAY CONSTRUCTION

STUDS SHALL BE @ MAX. 16" O.C. W/ 2" x P.T. BOTTOM PLATES AND DOUBLE TOP PLATES. SEE ENGINEERING SPECS FOR LUMBER GRADES. BOTTOM PLATES AND LOWER TOP PLATES SHALL BE NAILED TO EACH STUD W/ 2-16d NAILS. THE UPPER TOP PLATE SHALL BE NAILED TO THE LOWER TOP PLATE W/ 2 ROWS 16d NAILS @ 8" O.C. PROVIDE SIMPSON SP4 @ TOP PLATE AND BOTTOM PLATE TO STUD @ MAXIMUM 16" O.C. WALL SHALL BE SHEETED W/ 1/2" NOMINAL (APA 24/16) EXTERIOR GRADE SHEATHING, LAID HORIZONTALLY TO FRAMING, AND NAILED W/ 8d RING OR SCREW SHANK NAILS @ 6" O.C. @ EDGES & 12" O.C. @ INTERMEDIATE ZONES. SEE ABOVE FOR ANCHOR BOLT REQUIREMENTS. HEADERS ARE NOT REQUIRED ABOVE OPENINGS WHERE THE BAY ROOFING IS AN EXTENSION OF THE TRUSS SYSTEM OVERHANG. PROVIDE (1) SIMPSON H2.5 @ EACH TRUSS TAIL OR TRUSS TAIL FRAME EXTENSION TO DOUBLE TOP PLATE. EXTERIOR FINISH TO BE MINIMUM 3/8" COAT STUCCO ON METAL LATHE ON 15# FELT.

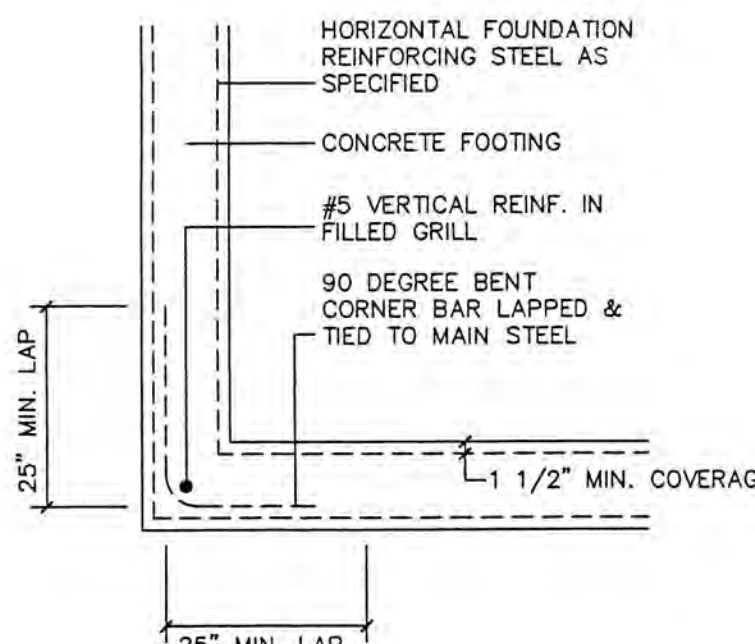


WINDOW BUCK DETAIL

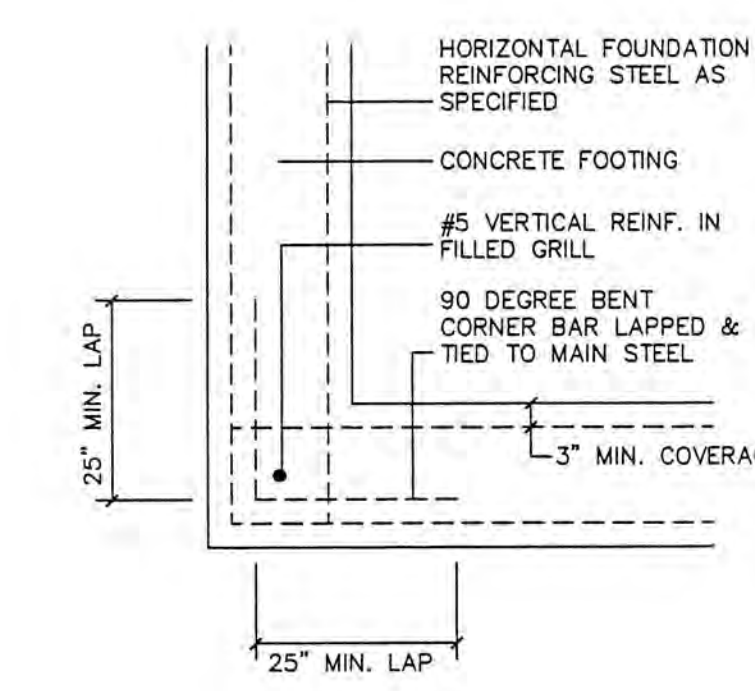
- * BLOCK ANCHORS: 1 1/2"x3/16" TAPCON CONCRETE SCREWS 3/4" MINIMUM EMBEDMENT INTO CONCRETE
- * DETAILS AS SHOWN APPLIES TO WINDOWS UP TO 48" WIDE
- * MULTIPLE WINDOWS: 8" O.C. MAXIMUM ALL SIDES



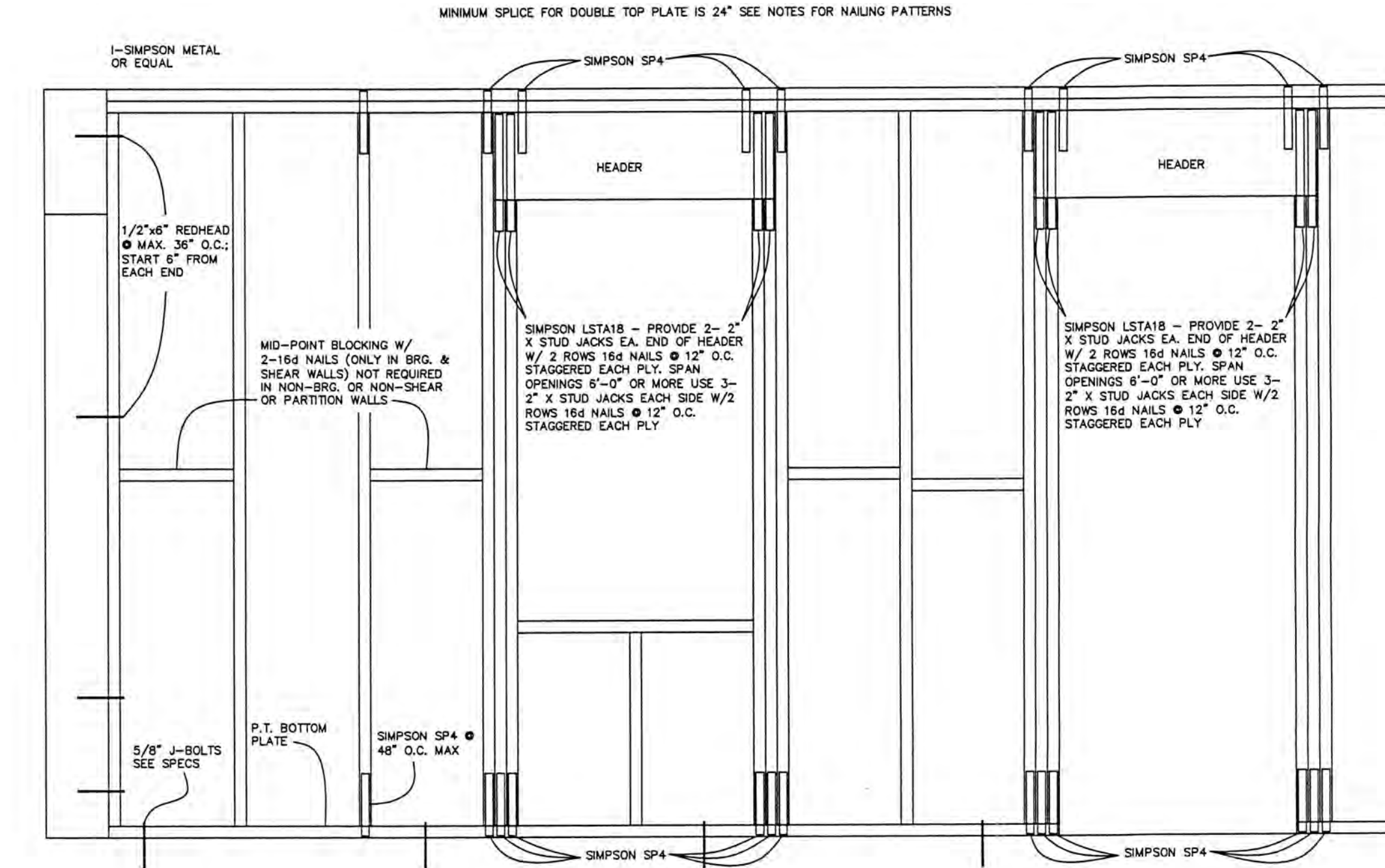
MASONRY DOOR OPENING



TYPICAL TIE BEAM CORNER DETAIL



TYPICAL FOOTING CORNER DETAIL



CONTRACTOR:

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SEAL
 Irving M. Addis
 6/2/2007

PROJECT FOR:
BILL & ASTRID SOLL
 POND RIDGE ROAD LEE COUNTY FLORIDA

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DIMENSIONAL SHINGLE ROOFING
OVER 30 LB. FELT TIN TABBED TO 1/2"
4 PLY CDX SHEATHING (APA 40/20)
SEE NAILING SCHEDULE

SIMPSON GALV. STRAP @ EACH
TRUSS. SEE SCHEDULE

ALUMINUM OR GALV. DRIP EDGE

2" x 6" SUBFASCIA
WITH ALUMINUM FASCIA

VENTILATED SOFFIT SYSTEM

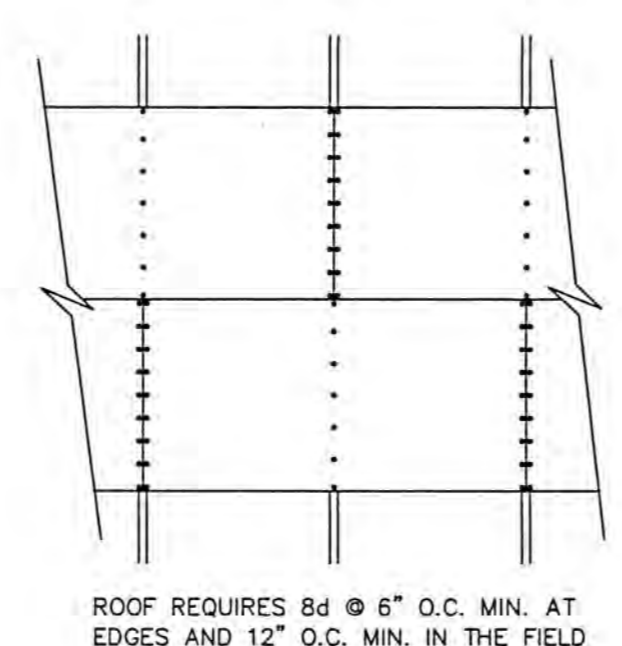
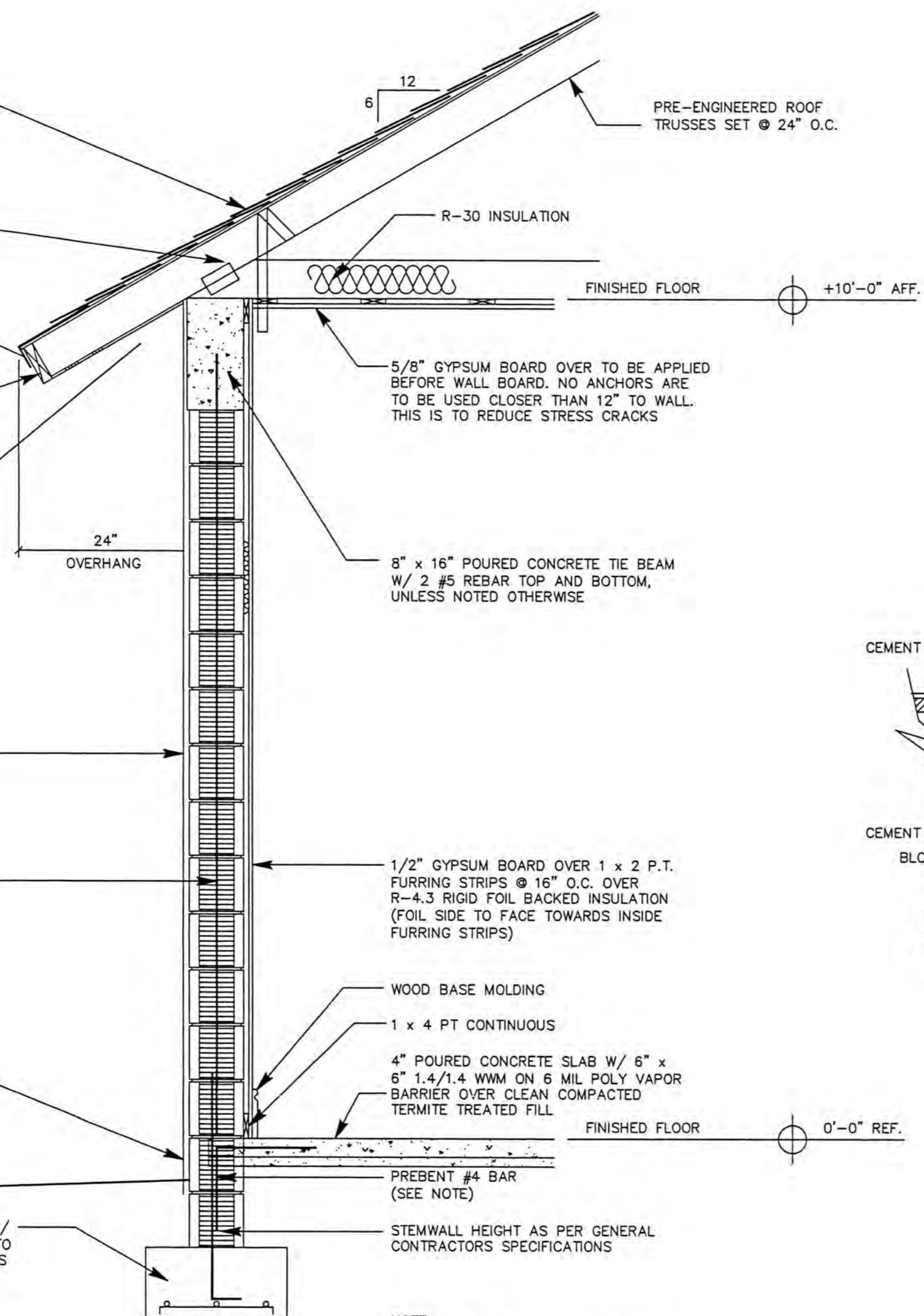
SMOOTH SAND FLOAT FINISH OVER 8"
CMU WALL W/ DURAWALL REIN. EVERY
OTHER COURSE. FOR WALLS OVER
10'-0" IN HEIGHT, NOT INCLUDING TIE BEAM

#5 BAR VERTICAL FROM FOOTING TO TIE
BEAM IN CONCRETE FILLED CELLS. SEE
PLANS FOR LOCATIONS

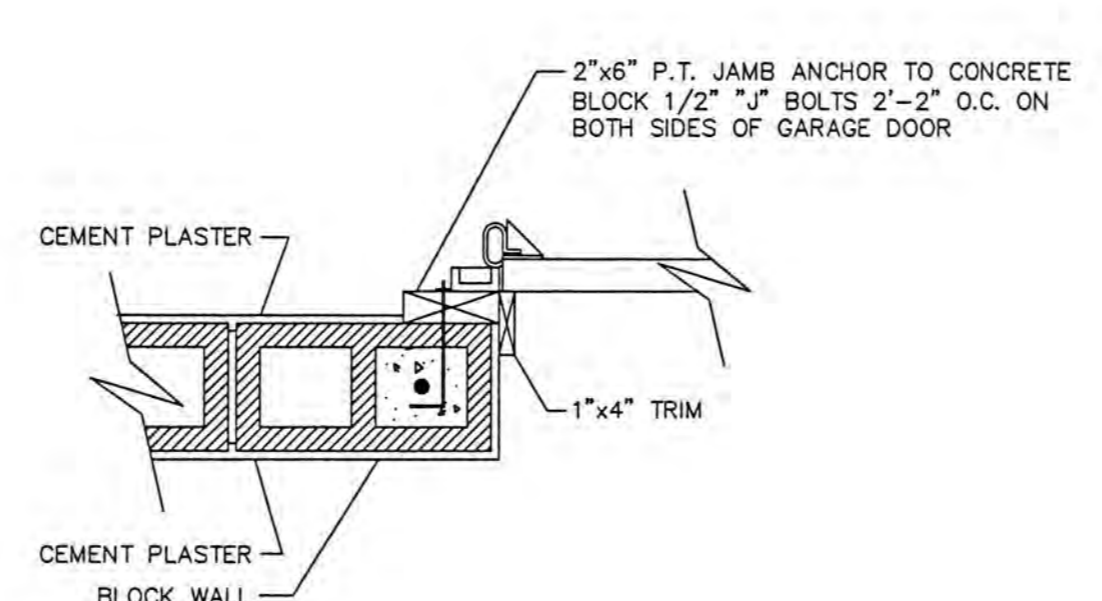
8" CMU HEADER

20" x 10" D. CONCRETE FOOTING W/
(3) #5 BARS CONTINUOUS. REFER TO
FOUNDATION PLAN FOR EXACT SIZES
AND STEEL REQUIREMENTS OF ALL
FOOTINGS AND FOOTING PADS

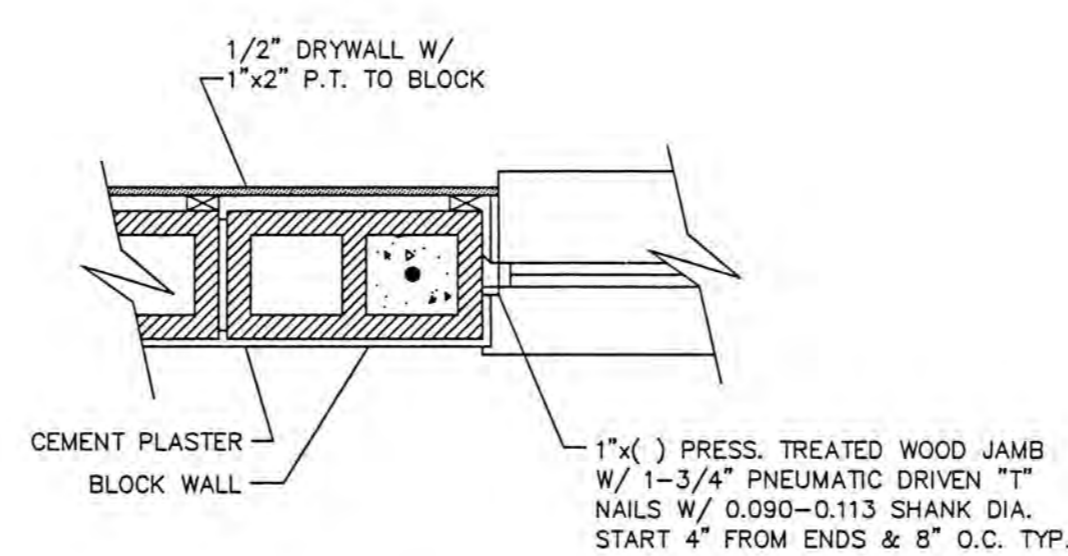
NOTE:
ALL STEMWALL REINFORCING TO BE
"HOOKED" INTO CONC. SLAB (MIN. 24"
W/24" LAP OF VERT. STEEL) USE
PRE-BENT #4 BARS



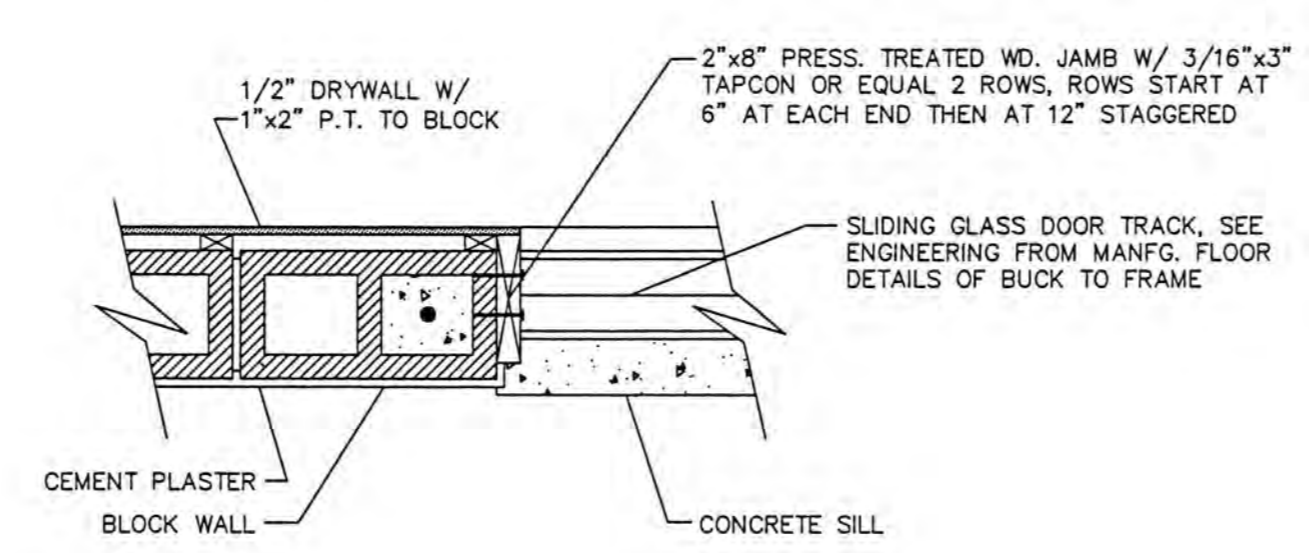
ROOF NAILING REQUIREMENT
NOT TO SCALE



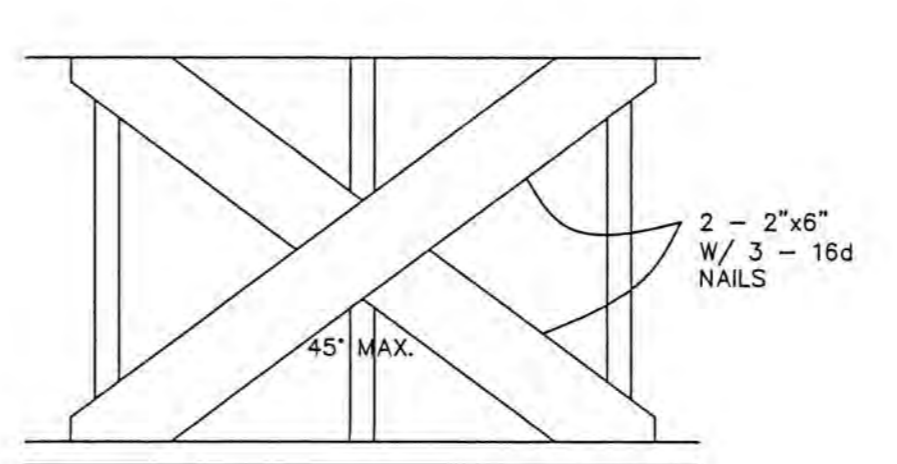
GARAGE DOOR JAMB DETAIL
NOT TO SCALE



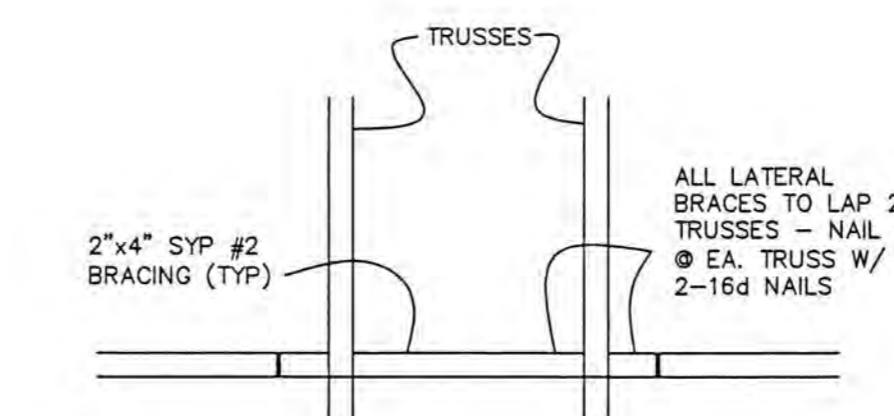
WINDOW JAMB TO BLOCK DETAIL
NOT TO SCALE



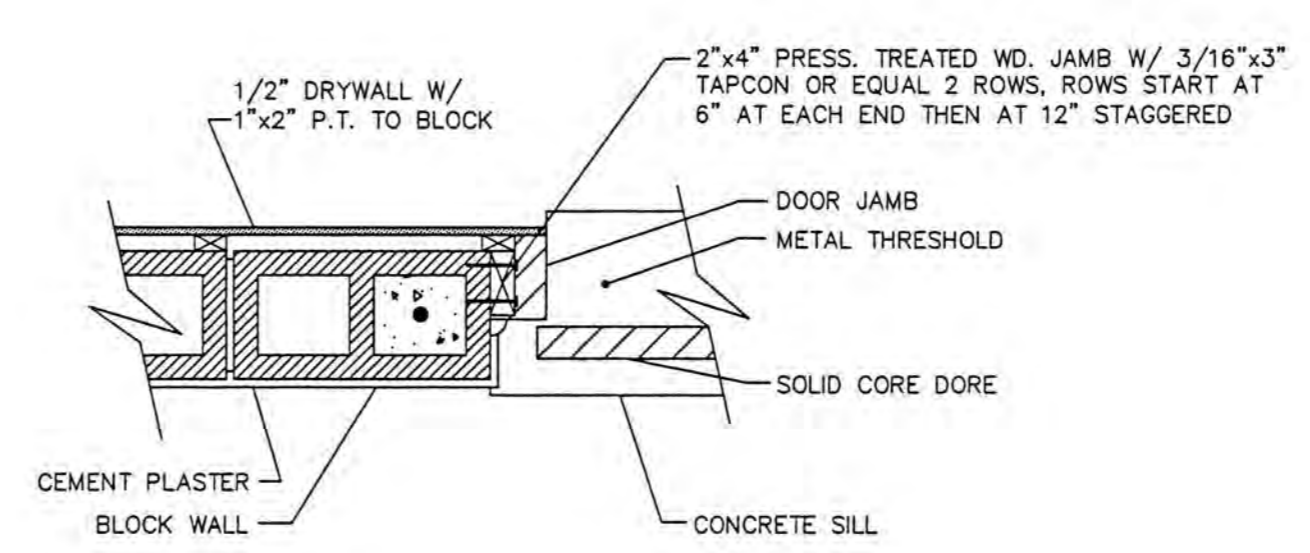
SLIDING GLASS DOOR JAMB TO BLOCK DETAIL
NOT TO SCALE



INTERMEDIATE X BRACING
20'-0" OC MAX



BOTTOM CHORD BRACING DETAIL



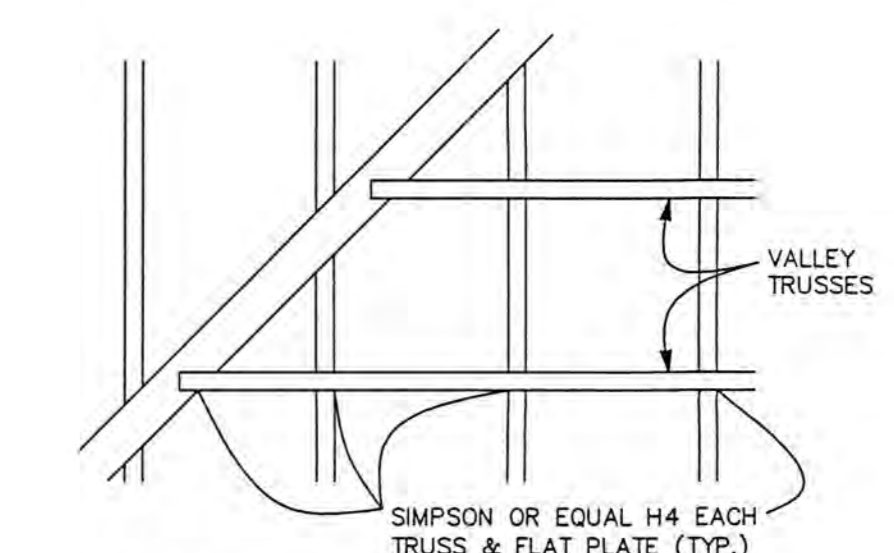
DOOR JAMB TO BLOCK DETAIL
NOT TO SCALE

ALTERNATE TO EMBEDDED TIE DOWNS (SIDE ANCHORED TO TIE BEAM)

MAXIMUM UPLIFT	STRAP		FASTENERS TRUSS/RAFTERS	TIE BEAM
	SIMPSON	HUGHES		
500#	LTS16	RT16TW	6-10d OR 4-16d	(4)A OR (2)C
1,000#	THA218	HD2X	(6)A OR (4)C
2,000#	THA29	HD2X	(10)B OR (8)C
3,000# (2-PLY TRUSS)	THA218-2	HD2-2X	(10)D OR (6)E

FASTENER DESCRIPTION

- A. 0.152" DIA. x 1" PENETRATION, POWDER ACTUATED FASTENER (RAMSET/REDHEAD OR EQUAL)
- B. 0.152" DIA. x 1 1/4" PENETRATION, POWDER ACTUATED FASTENER (RAMSET/REDHEAD OR EQUAL)
- C. 1/4" x 1 1/4" METAL HIT ANCHOR (TAP-CON OR EQUAL)
- D. 0/170" DIA. x 1 1/2" PENETRATION, POWDER ACTUATED FASTENER (RAMSET/REDHEAD OR EQUAL)
- E. 1/4" x 1 3/4" WEDGE TYPE EXPANSION ANCHOR (HILTI KWIK BOLT OR EQUAL)



TYPICAL VALLEY CONNECTION

TRUSS NAILING SCHEDULE

USE DOUBLE THE NAIL QUANTITY INDICATED IN TABLE FOR WOOD TO WOOD TIEDOWNS & HANGERS

LBS UPLIFT	NAIL QUANTITY		
	1 PLY TRUSS 10d OR 12d	16d	2 OR MORE PLY TRUSSES - 16d*
300	3	3	2
400	4	4	3
500	4	4	3
600	5	5	4
700	6	6	4
800	7	6	4
900	8	7	5
1000	8	8	6
1100	9	9	6
1200	10	9	7
1300	11	10	7
1400	12	11	8
1500	12	11	8
1600	13	12	9
1700	14	13	9
1800	15	14	10
1900	16	14	10
2000	16	15	11
2100	17	16	11
2200	18	17	12
2400	20	18	13
2600	21	19	14
2800	23	21	15
3000	24	22	16
3200	26	24	17
3400	28	25	18
3600	29	27	19
3800	31	28	20
4000	32	30	22
4500	36	33	24
5000	40	37	27
5500	44	41	29

* 2", MINIMUM, PENETRATION

ROOF TRUSS BRACING NOTES

1. PROVIDE BOTTOM CHORD BRACING AT NO MORE THAN 15 FEET CENTERS. BOTTOM CHORD BRACING SHALL BE LOCATED CLOSE TO THE BOTTOM CHORD PANEL POINTS WHERE SPACING PERMITS.
2. LEAVE ALL TEMPORARY BRACING IN PLACE TO BECOME A PART OF THE PERMANENT BRACING SYSTEM.
3. ALL BRACING GUIDELINES SET FORTH IN HIB-91 FROM TRUSS PLATE INSTITUTE IS TO BE INCORPORATED INTO THE ROOF SYSTEM.

CONTRACTOR:

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SEAL
Irving M. Addis
6/2/07

PROJECT FOR:
BILL & ASTRID SOLL
POND RIDGE ROAD LEE COUNTY FLORIDA

SHEET NO.
9 of 9

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