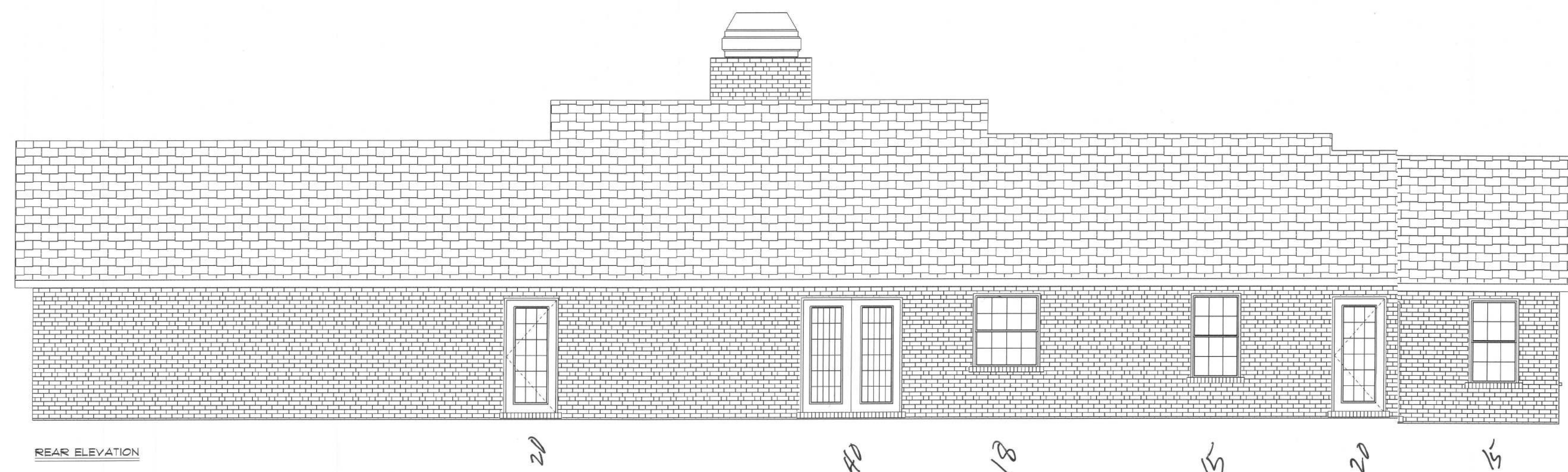


office



EXTERIOR OPENING SCHEDULE

PRODUCT CODE	SIZE	LIBRARY NAME
2-2650 SH	5'-0" x 5'-0"	Capitol
2-3050 SH	6'-0" x 5'-0"	Capitol
3050 SH	3'-0" x 5'-0"	Capitol
4044 SH	4'-0" x 4'-4"	Capitol
28 INS	2'-8"	Colonial Door Exterior
30 INS	3'-0"	Colonial Door Exterior
28 HC	2'-8"	Colonial Door Interior
10 x7 Garage Door	10'-0"	Garage Door
30 PATIO-MODIFIED	3'-0"	Patio Door
60 SGD	6'-0"	Sliding Glass Doors

SEE MANUFACTURERS DETAILS FOR INSTALLATION INSTRUCTIONS

NOTE !!!

ROOFSHINGLES SHALL BE OF THE FOLLOWING MANUFACTURERS AND MODELS:

TAMKO ROOFING PRODUCTS	GAF MATERIALS CORP.	ELK PREMIUM ROOFING
GLASS-SEAL AR ELITE GLASS-SEAL AR HERITAGE 30 AR HERITAGE 40 AR HERITAGE 50 AR TAMKO REQUIRED NAILS/SHINGLE x 4	ROYAL SOVEREIGN NARBUS LEATHER MAX SLATELINE GRAND CANYON GRAND SEDGEOIA COUNTRY MANSON COUNTRY ESTABLES TIMBERLINE 30 TIMBERLINE SELECT 40 TIMBERLINE ULTRA SEDGEOIA GAF REQUIRED NAILS/SHINGLE x 4	RAISED PROFILE PRESTIGE HIGH DEFINITION PRESTIGE 25 PRESTIGE 30 PRESTIGE 115 PRESTIGE 1 PRESTIGE PLUS PRESTIGE GALLERY COLLECTION CAPSTONE ELK REQUIRED NAILS/SHINGLE x 4 1 x 3 NAILS 1 x 6 NAILS

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAB 100, USING THE SPECIFIED NAILS

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1606, FLORIDA BUILDING CODE, 2001 EDITION.	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MUFRS PER TABLE 1606.2A (FBC 2001) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 1606.2B & 1606.2C (FBC 2001) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 23.1 PSF EAVES: + 60.3 PSF ROOF: + 19.9 / - 25.5 PSF

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, INC." MEETS OR EXCEEDS THESE UNITS.

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

N1 - COMPLETE WITH PAN LITE AS PER SERIES 650

N2 - TESTING AS PER ASTM E1300

N3 - ALL WINDOWS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS / REQUIREMENTS

NOTE !!!

EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

New Custom Home For:
THE GRIFFIN RESIDENCE

VERONICA GRIFFIN 497-2056
497-2301



NICHOLAS
PAUL
GESLER
ARCHITECT
NICHOLAS GESLER

A Joint
Venture With

Brian S. Crawford
Residential Design

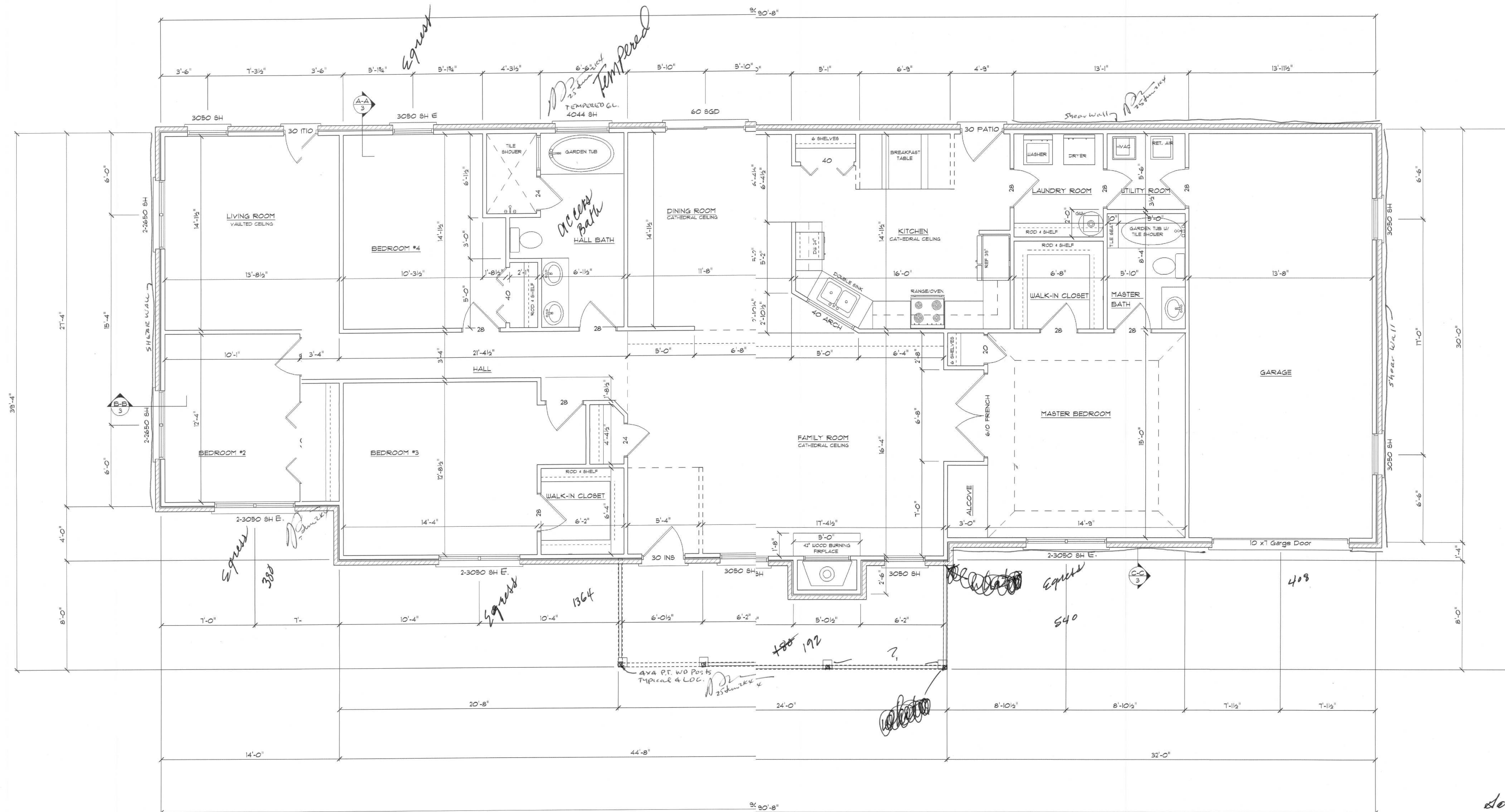
1531 SW Commercial Glen
Lake City, FL 32025
(386) 755-1319

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

SHEET NUMBER

1
OF 6 SHEETS

18 April 2003
AR0001005



Garage 408 SF

AREA SUMMARY	
LIVING AREA -	2735.1 SF
GARAGE -	408 SF
PORCHES -	192 SF
TOTAL AREA -	2921.1 SF

New Custom Home For:
THE GRIFFEN RESIDENCE



NICHOLAS
PAUL
GEISLER
ARCHITECT
LAKE CITY, FL 32035
(386) 593-5511

A Joint
Venture With

Brian S. Crawford
Residential Design

1531 SW Commercial Glen
Lake City, FL 32025
(386) 755-1919

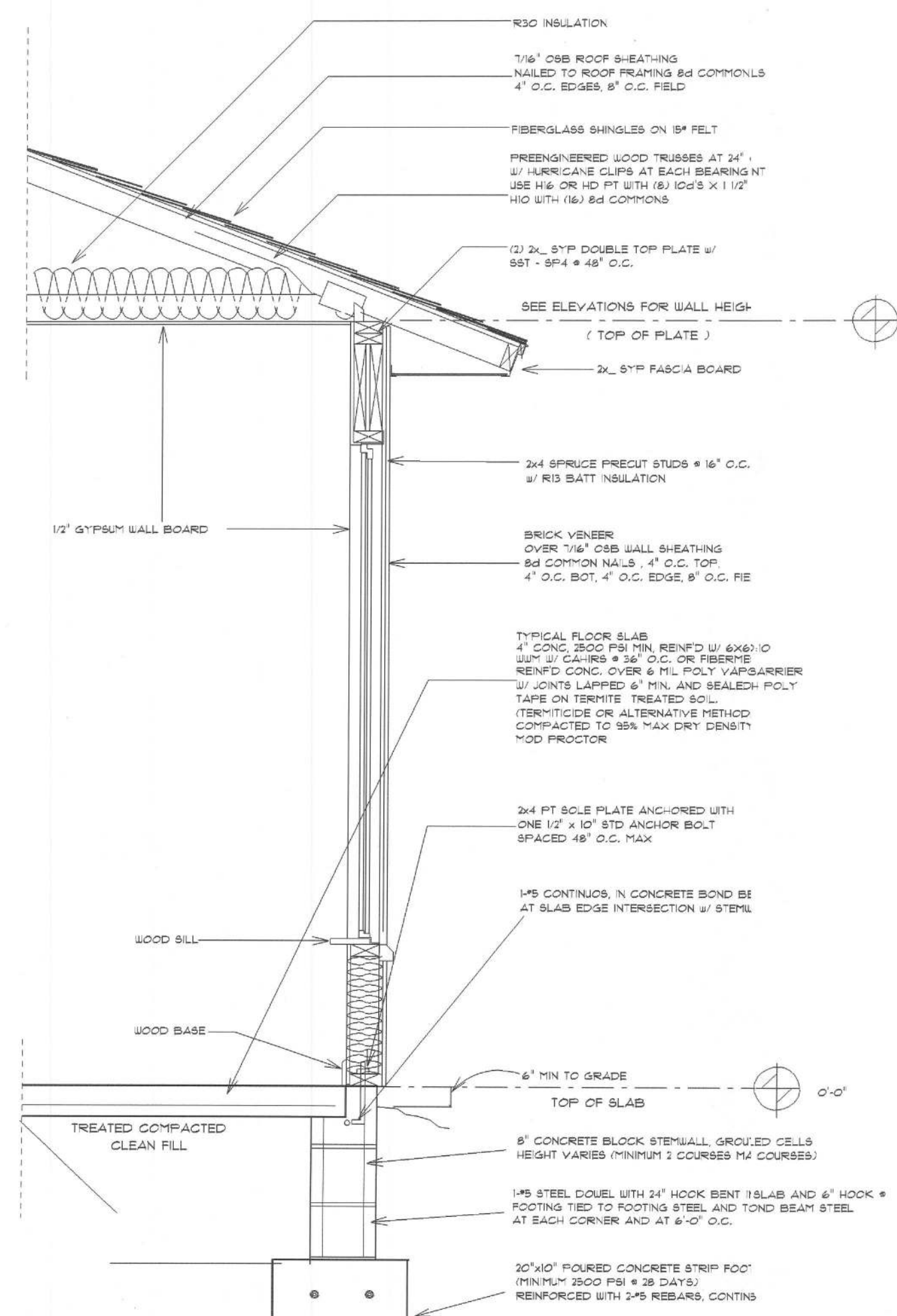
MAIN FLOOR PLAN
SCALE: 1/4"=1'-0"

SHEET NUMBER

2

OF 6 SHEETS

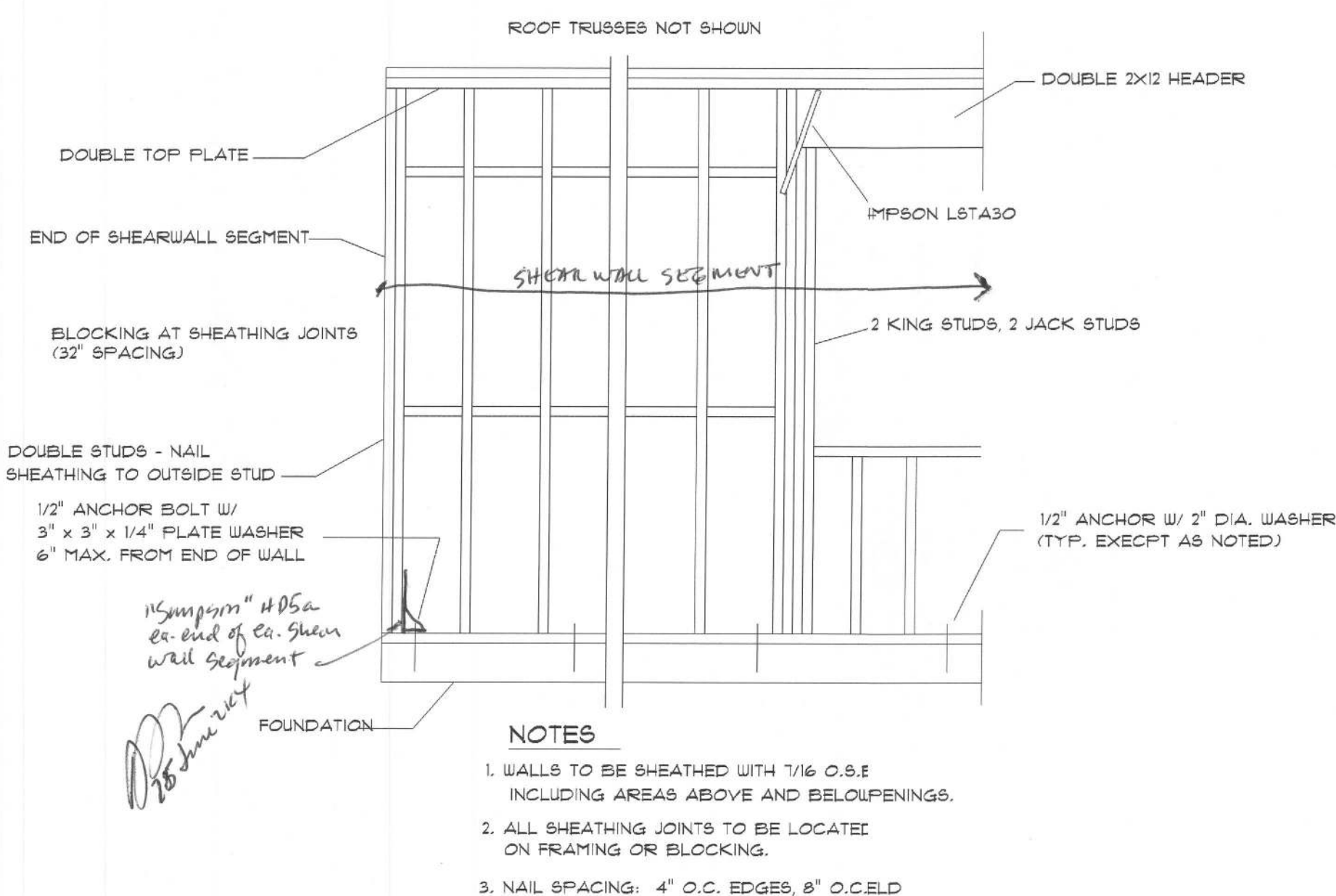
AR0007005



TYPICAL WALL SECTION

2 x 4 STUD WALL W/ BRICK VENEER

A-A



FRAME CONSTRUCTION SHEAR WALL - TYPICAL

C-C

STRUCTURAL CONNECTORS:

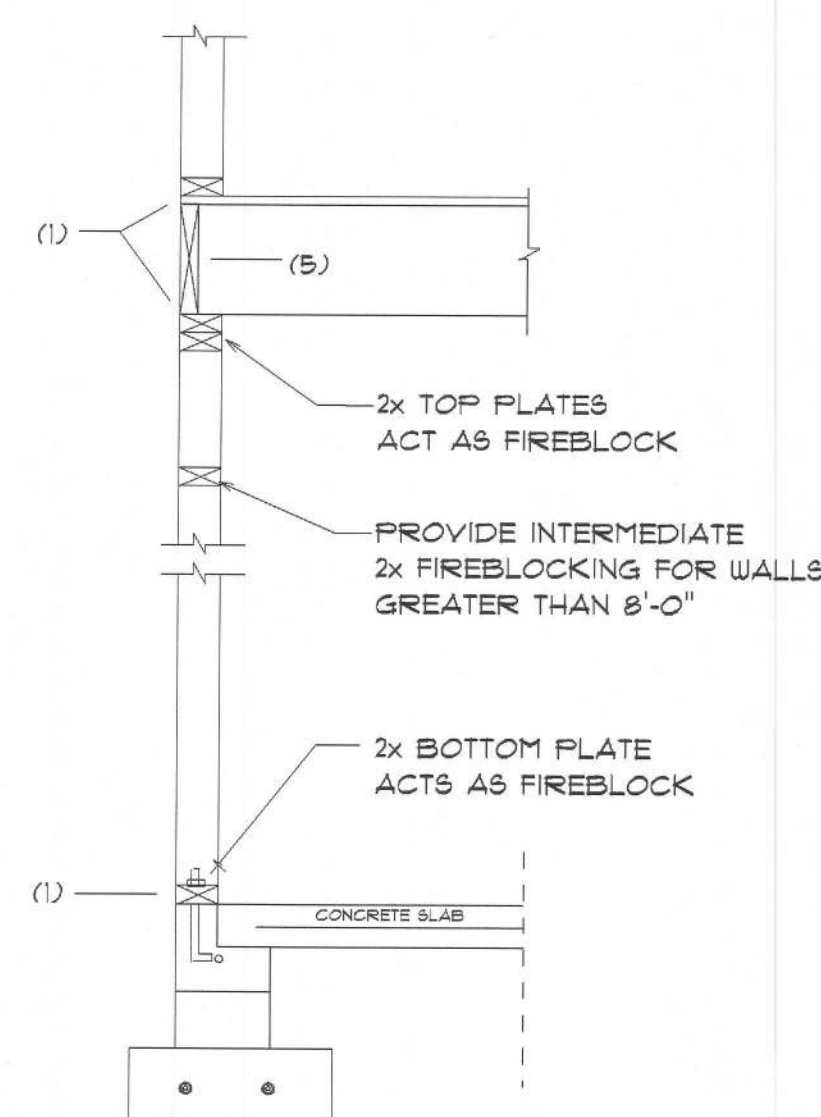
MANUFACTURES AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED. MANUFACTURERS INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE PROPER LOADS.

NAILS:

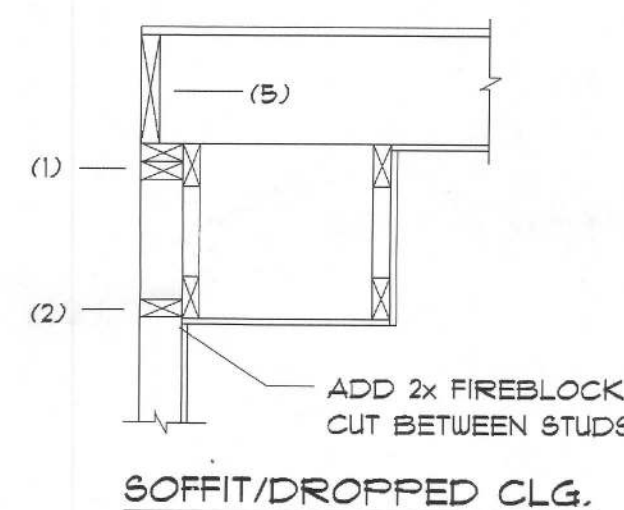
ALL NAILS ARE TO BE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY SBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUE.

TRUSSES:

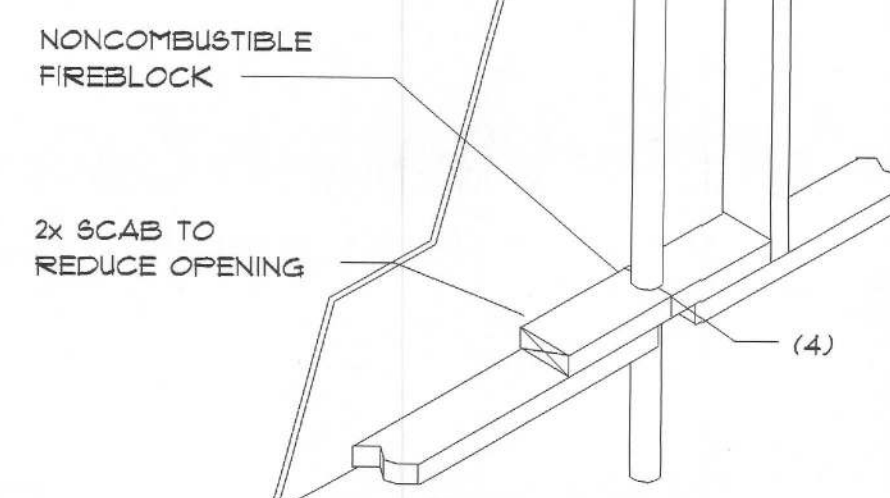
TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS" AND "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACIN AND HANDLING OF TRUSSES. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT, ANY STICK OVER FRAMING BRACING DETAILS, TRUSS TO TRUSS CONNECTIONS, AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED AND SEALED BY THE DESIGNING ENGINEER. STRAP 2x6 RAFTERS WITH MIN UPLIFT CONNECTION 415 LB EACH END; 2x8 RAFTERS 100 LB EACH END.



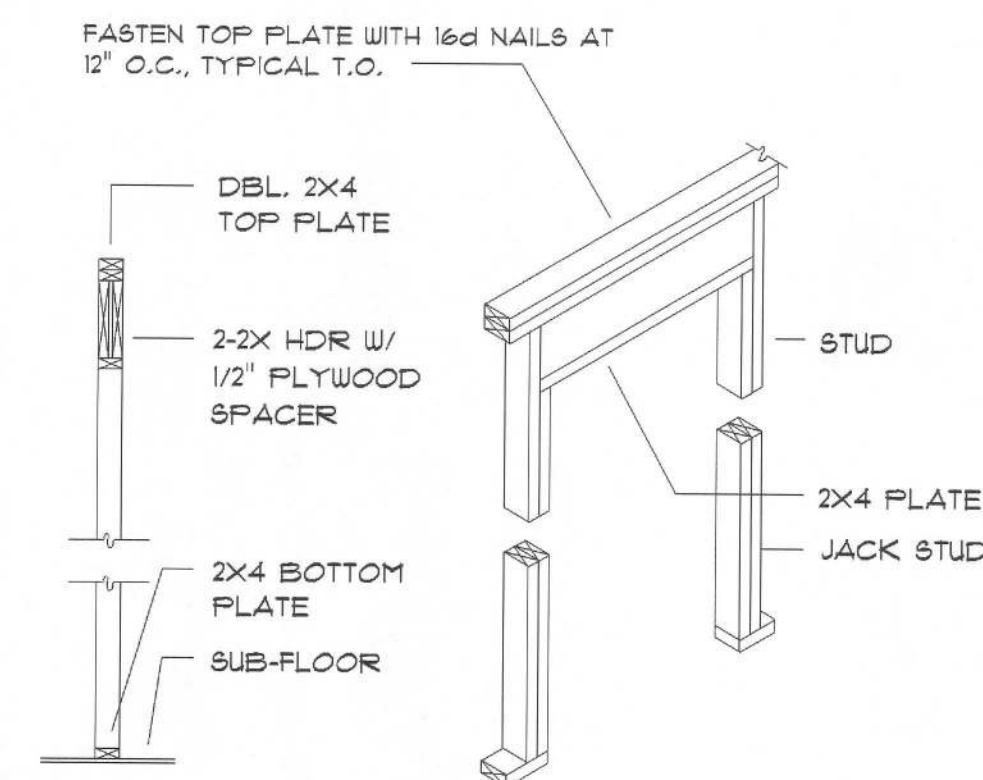
PLATFORM FRAMING



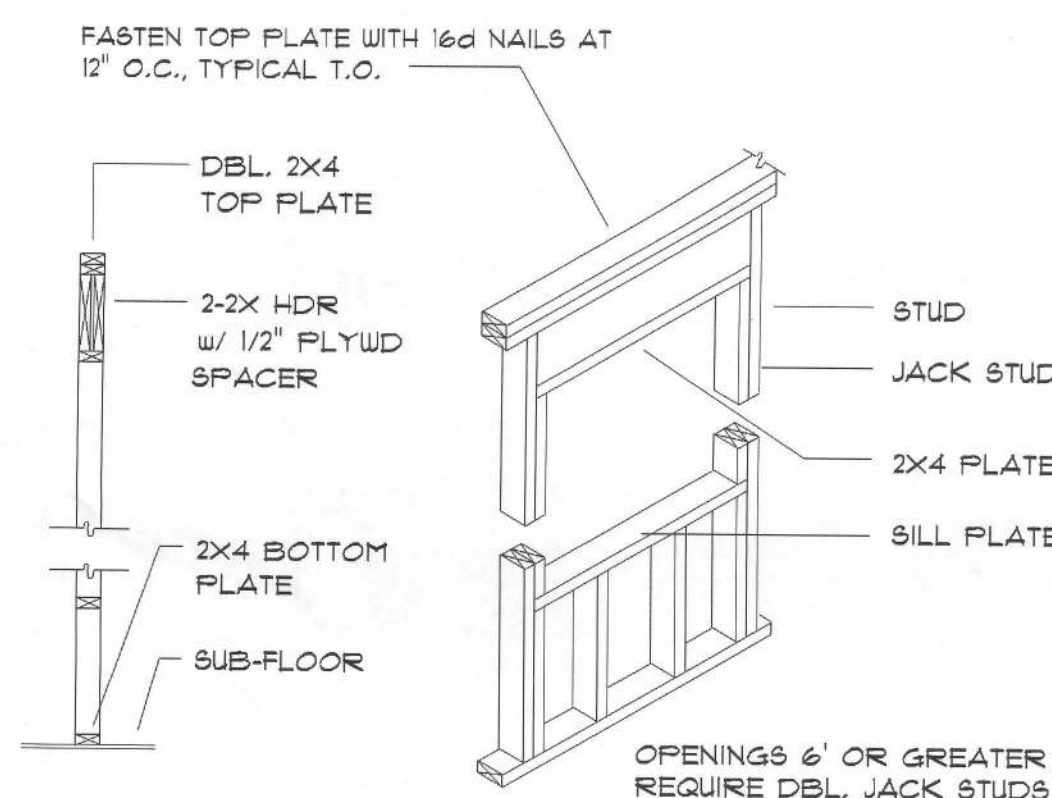
SOFFIT/DROPPED CLG.



PENETRATIONS



BEARING WALL HEADER



TYPICAL WINDOW HEADER

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPLAN MULTIFLEX SEALANT"
5. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

HEADER SPANS FOR EXTERIOR BEARING WALLS					
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT.)			
		20'	28'	36'	
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1
	2-2x6	5'-5"	1	4'-8"	1
	2-2x8	6'-10"	1	5'-11"	1
	2-2x10	8'-5"	2	7'-3"	2
	2-2x12	9'-9"	2	8'-5"	2
	3-2x8	8'-4"	1	7'-5"	1
	3-2x10	10'-6"	1	9'-1"	2
	3-2x12	12'-2"	2	10'-1"	2
	4-2x8	9'-2"	1	8'-4"	1
	4-2x10	11'-8"	1	10'-6"	1
	4-2x12	14'-1"	1	12'-2"	2

Bearing Wall Header DETAILS

B-B

New Custom Home For:
THE GRIFFEN RESIDENCE

NICHOLAS
PAUL
GESLER
ARCHITECT
NASHVILLE, TN
336-111-1111

A Joint
Venture With

Brian S. Crawford
Residential Design
1531 SW Commercial Glen
Lake City, FL 32025
(386) 755-1919

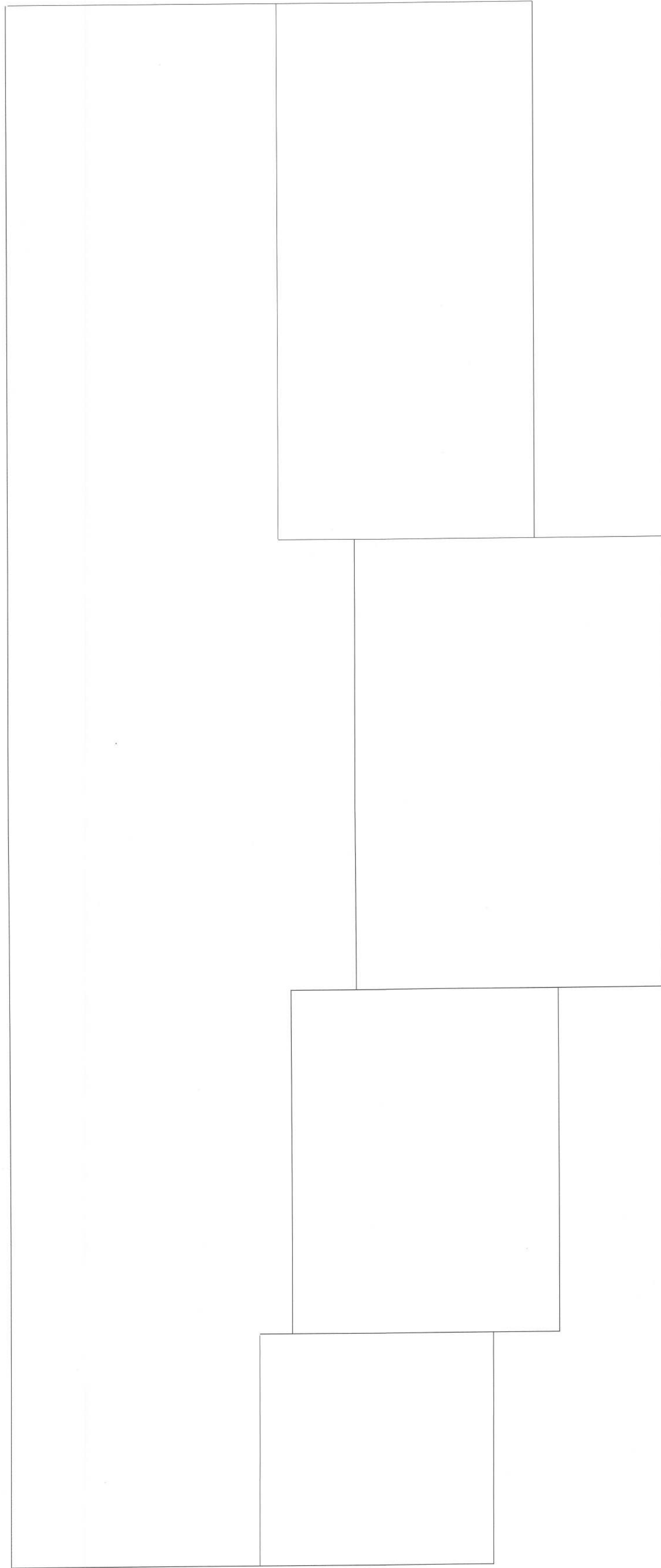
EXTERIOR DETAILS
SCALE: 1/4"=1'-0"

SHEET NUMBER

3

OF 6 SHEETS

AR0001005



General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE I, OR ASTM D 4863, TYPE I.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

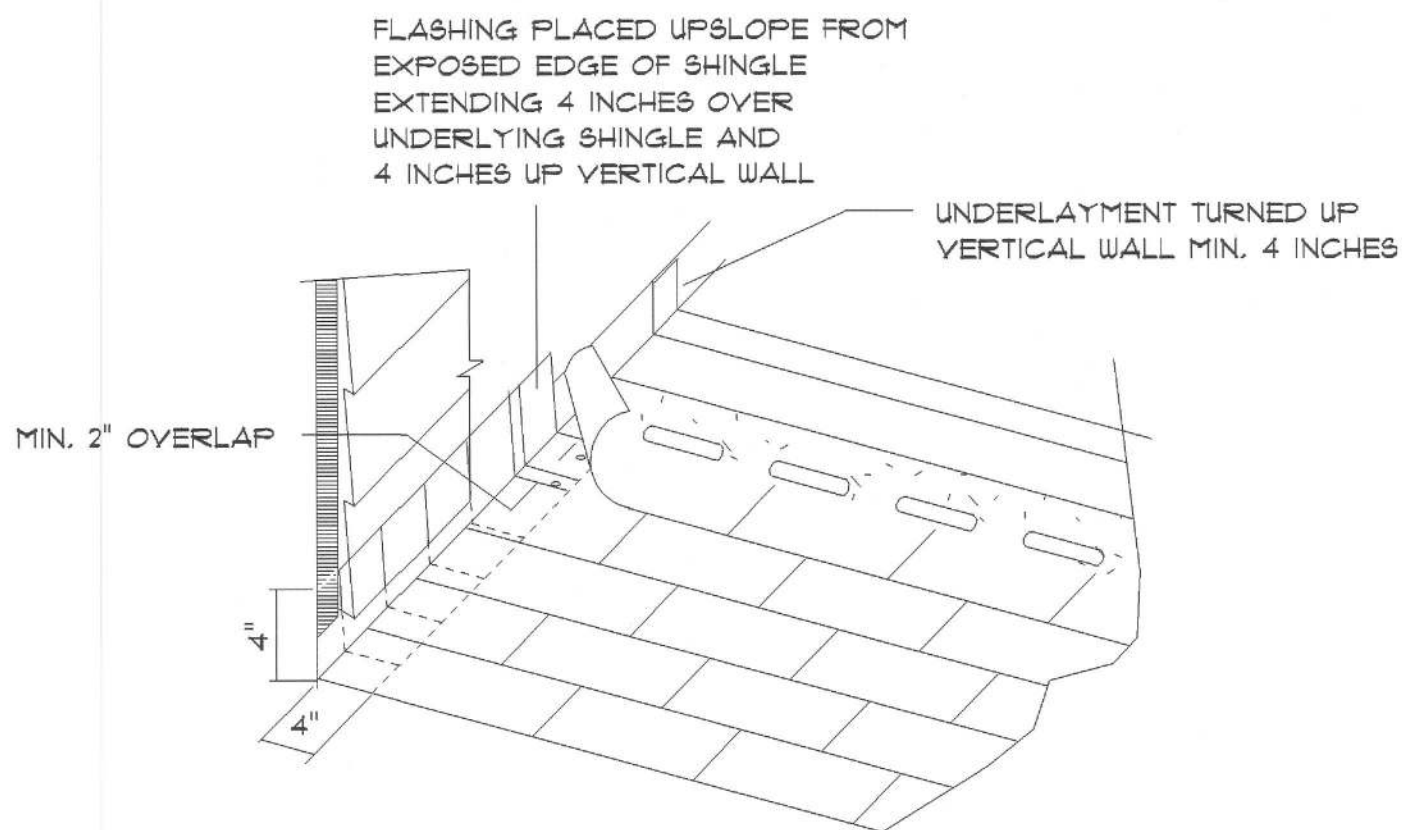
ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN A BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC FA 107-9555.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

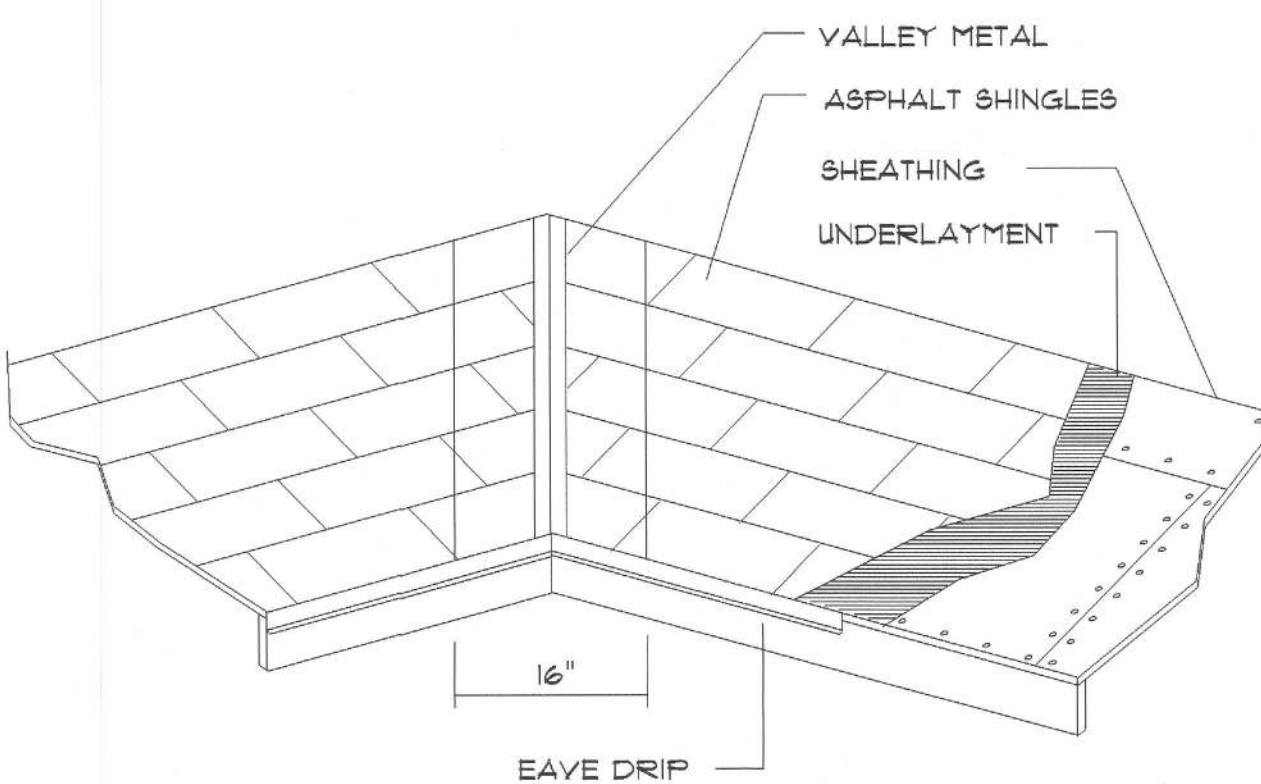
FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.
1. FOR OPEN VALLEYS LINED WITH 1/2" METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1501.3.3.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.



ROOF / WALL FLASHING



VALLEY FLASHING

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in.)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing / Flashing DETAILS

SCALE: NONE

New Custom Home For:
THE GRIFFEN RESIDENCE

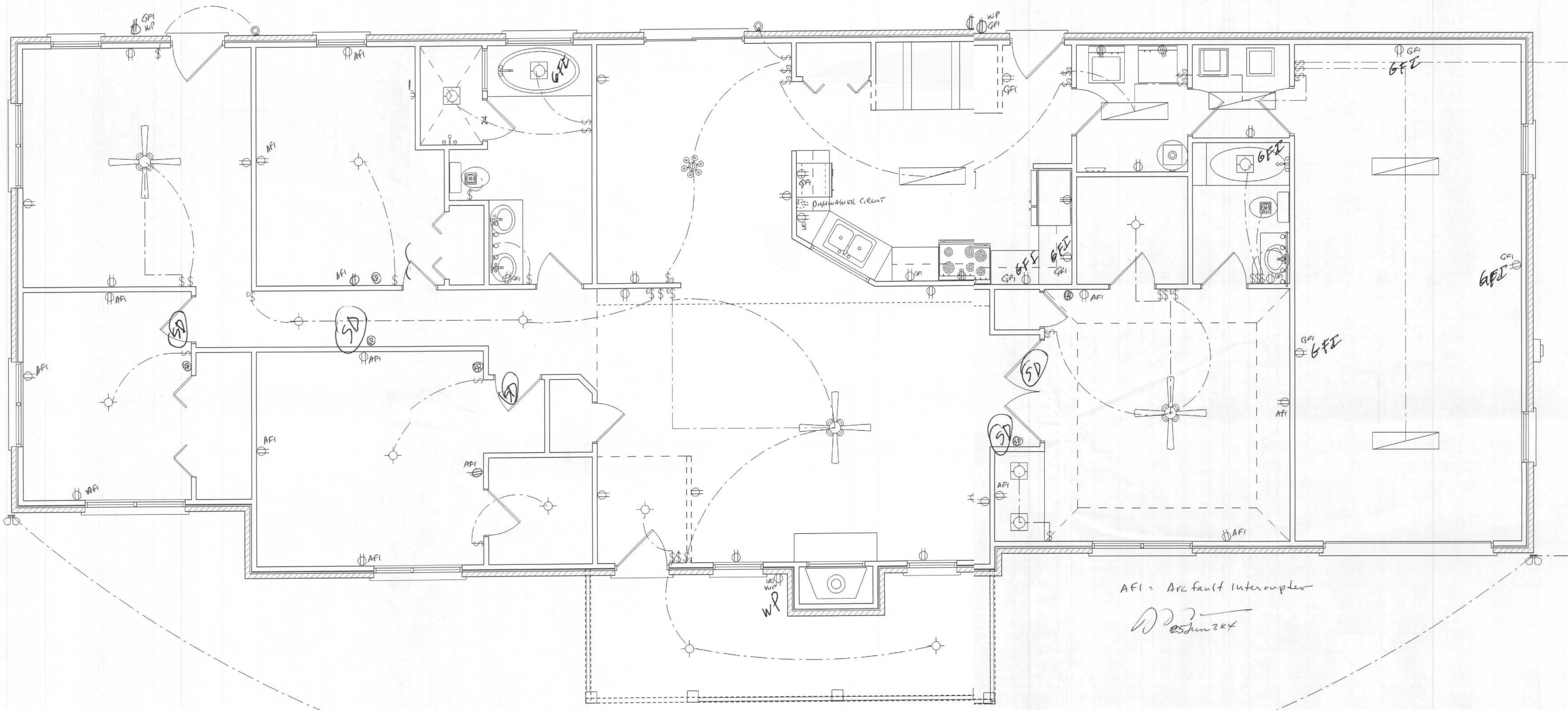
NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
Residential Design
1931 SW Commercial Glen
Lake City, FL 32025
(386) 755-1313

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

SHEET NUMBER
5
OF 6 SHEETS

18 April 2023

AR0007005



ELECTRICAL PLAN NOTES

ALL RECEPTALS IN ALL BEDROOMS SHALL BE AFC CIRCUITS

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

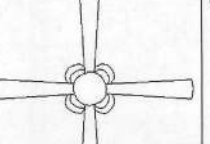
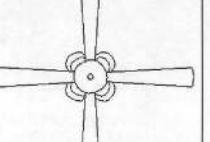
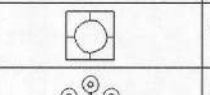
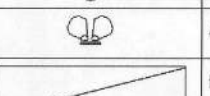
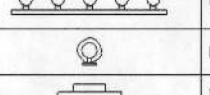
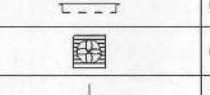
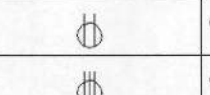
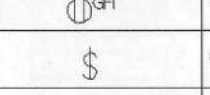
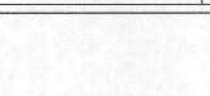
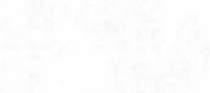
CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

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 DUGS 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/TYPER & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

Electrical	
	ceiling fan spotlights 1
	ceiling fan spotlights 2
	can light
	chandelier
	double spotlight
	fluorescent fixture
	vanity bar light
	wall mount 1
	meter
	electrical panel
	exhaust fan with light
	light
	outlet
	outlet 220v
	outlet gfi
	switch
	switch 3 way

AREA SUMMARY

LIVING AREA - 2735.1 SF
GARAGE - 00 SF
PORCHES - 192 SF
TOTAL AREA - 2927.1 SF

New Custom Home For:
THE GRIFFEN RESIDENCE

NG
NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

A Joint
Venture With

Brian S. Crawford
Residential Design
1531 SW Commercial Glen
Lake City, FL 32025
(386) 155-1919

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

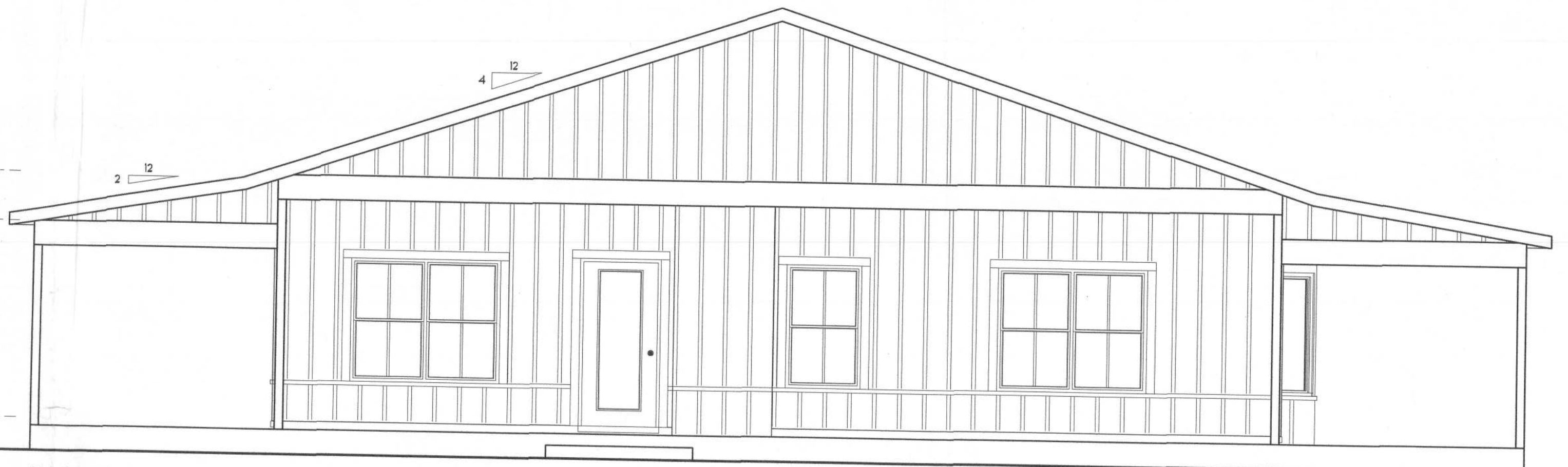
SHEET NUMBER

6
OF 6 SHEETS

AR0007005



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



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



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



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
February 23, 2021

SOUTHMAN
ARCHITECTURAL

WILL C. MYERS

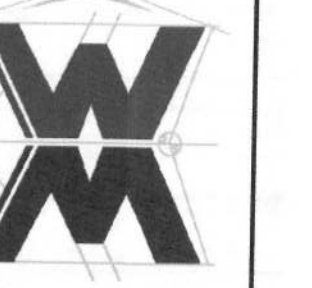
A CUSTOM BARNDOMINIUM HIE DESIGN FOR:
RONNIE & CHYRLE MUNSON
PROJECT ADDRESS: 1382 SW FALLBROOK DR. FT. WHITE, FLORIDA 32038 (COLUMBIA COUNTY)

AR0007005

NICHOLAS PAUL
GEISLER
ARCHITECT
N.A.A.A. MEMBER

JOINT VENTURED WITH

WM DESIGN &
ASSOCIATES, INC.
428 SW COMMERCE DR. STE 130
LAKE CITY, FL 32055
(386) 758-6406
wm@willmyers.net



JOB NUMBER
20201109
DATE:
February 23, 2021

SHEET NUMBER
A.1





2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
4. When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.

SHEET NUMBER
A.2

ELECTRICAL LEGEND	
	(12/3 WIRE FOR LIGHT K11)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	220V OUTLET
	GFI DUPLEX OUTLET (PER NEC 406.8)
	TELEVISION JACK
	CIRCUIT FOR MINI-SPLIT A/C UNIT
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

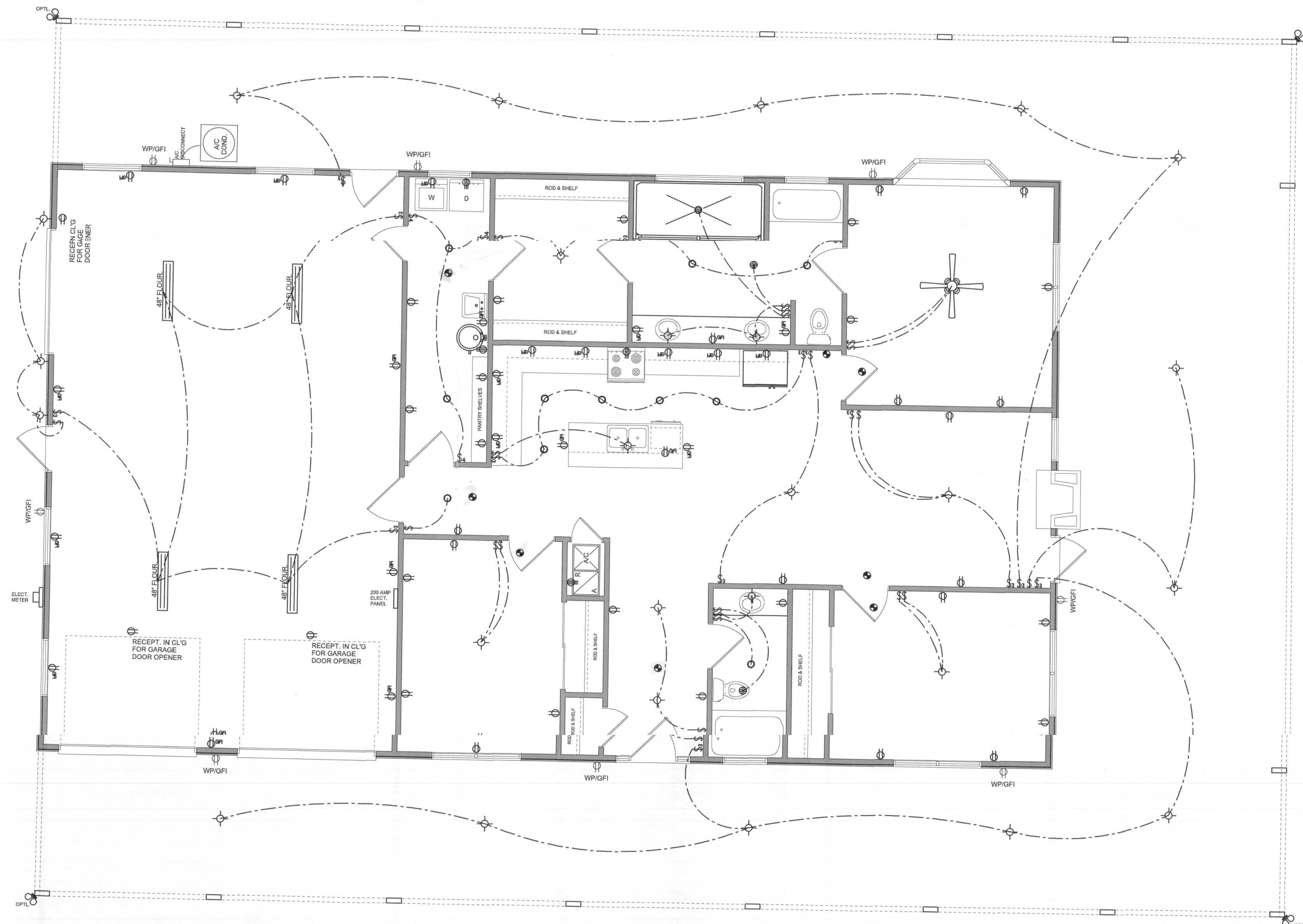
NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER NEC 406.11

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH-EFFICIENCY LIGHTING PER FBC-ENERGY CONSERVATION R404.

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2017 (NFPA-70) NATIONAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS

February 23, 2021

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

Wm C. Myers

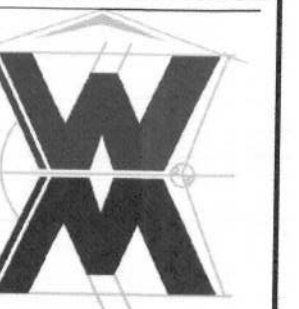
A CUSTOM BARNDOMINIUM HCE DESIGN FOR:
RONNIE & CHYRLE MUNSON
PROJECT ADDRESS: 1392 SW FAULKNER DE. FT. WHITE, FLORIDA 32039 (COLUMBIA COUNTY)

Wm C. Myers
ARCHITECT
AR0007005

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.C.A.R.C. Certified

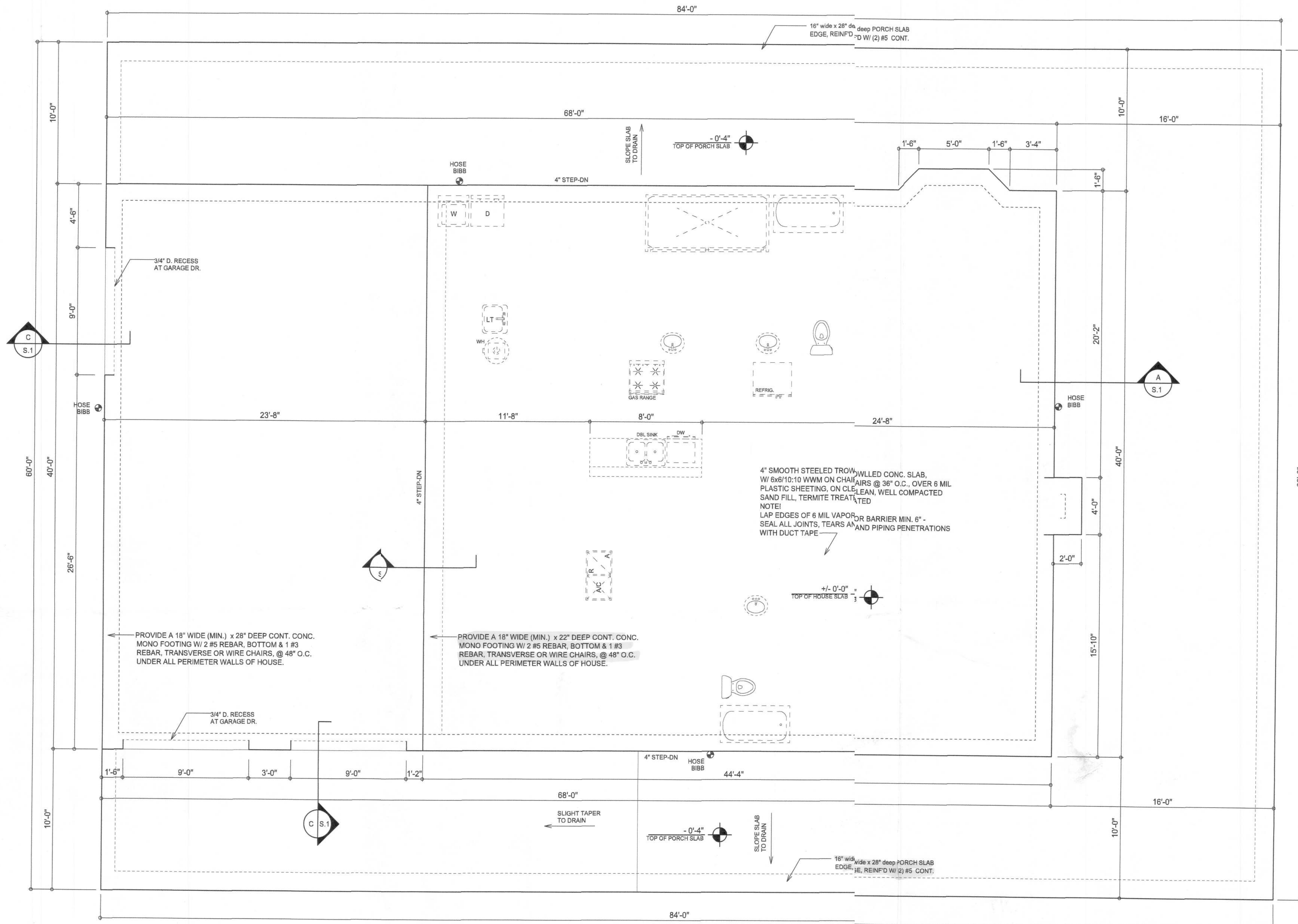
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DATE:
February 23, 2021

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A.3

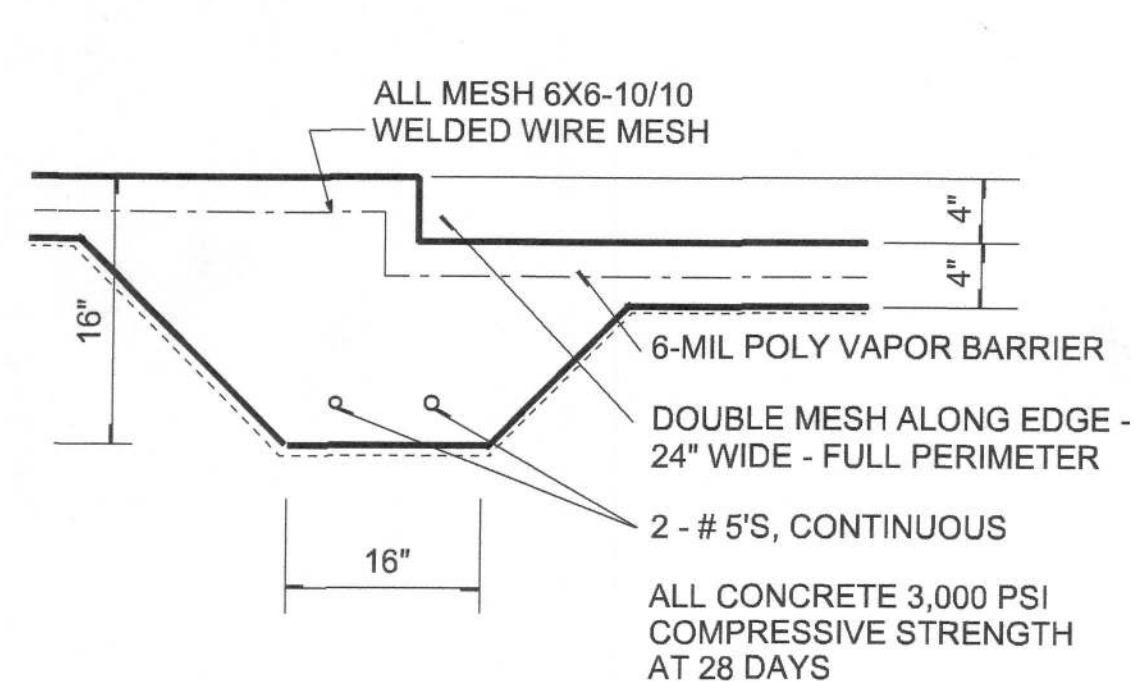


FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

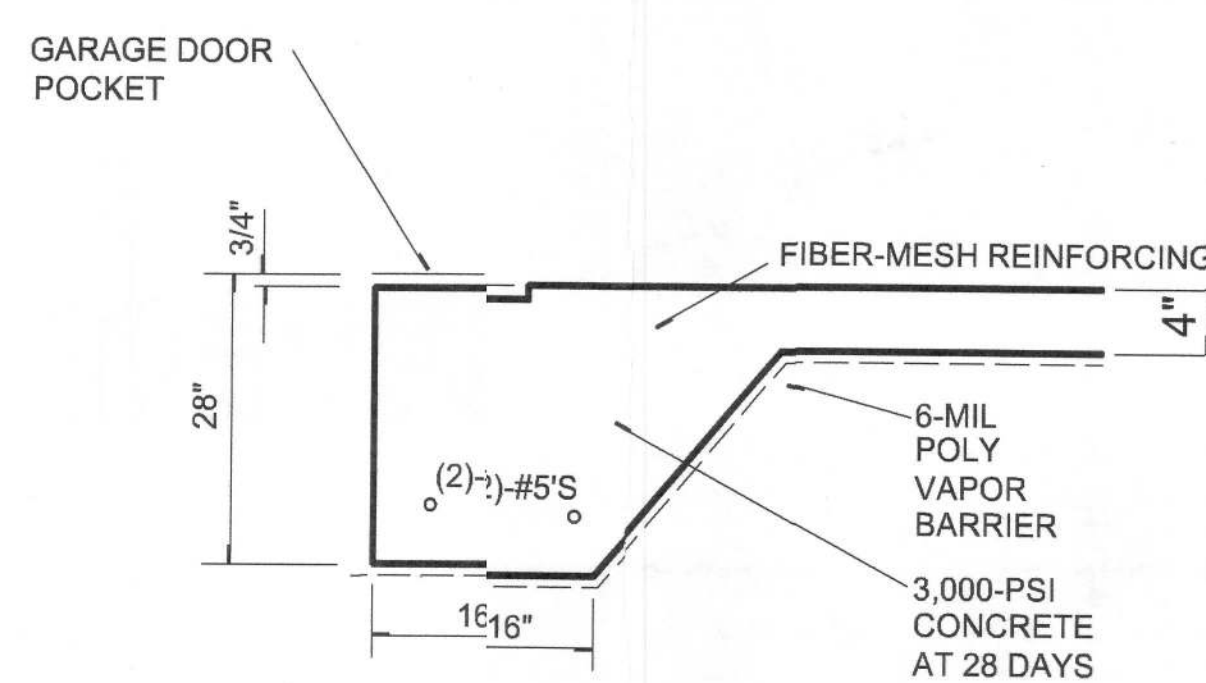
INTERIOR BEARING WALLS:

IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.

NOTE!
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION. THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.



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



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

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2020 FBC (7TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

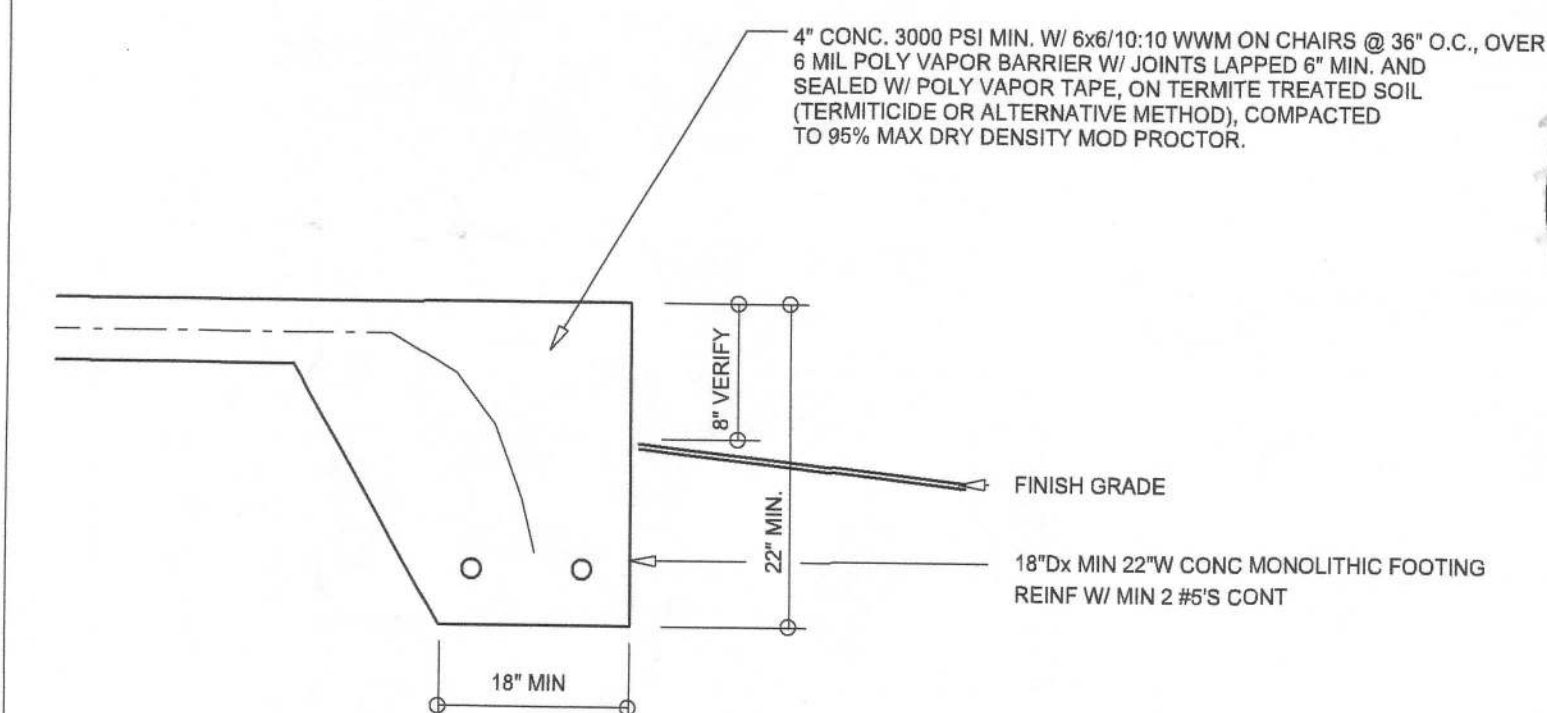
NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING 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.

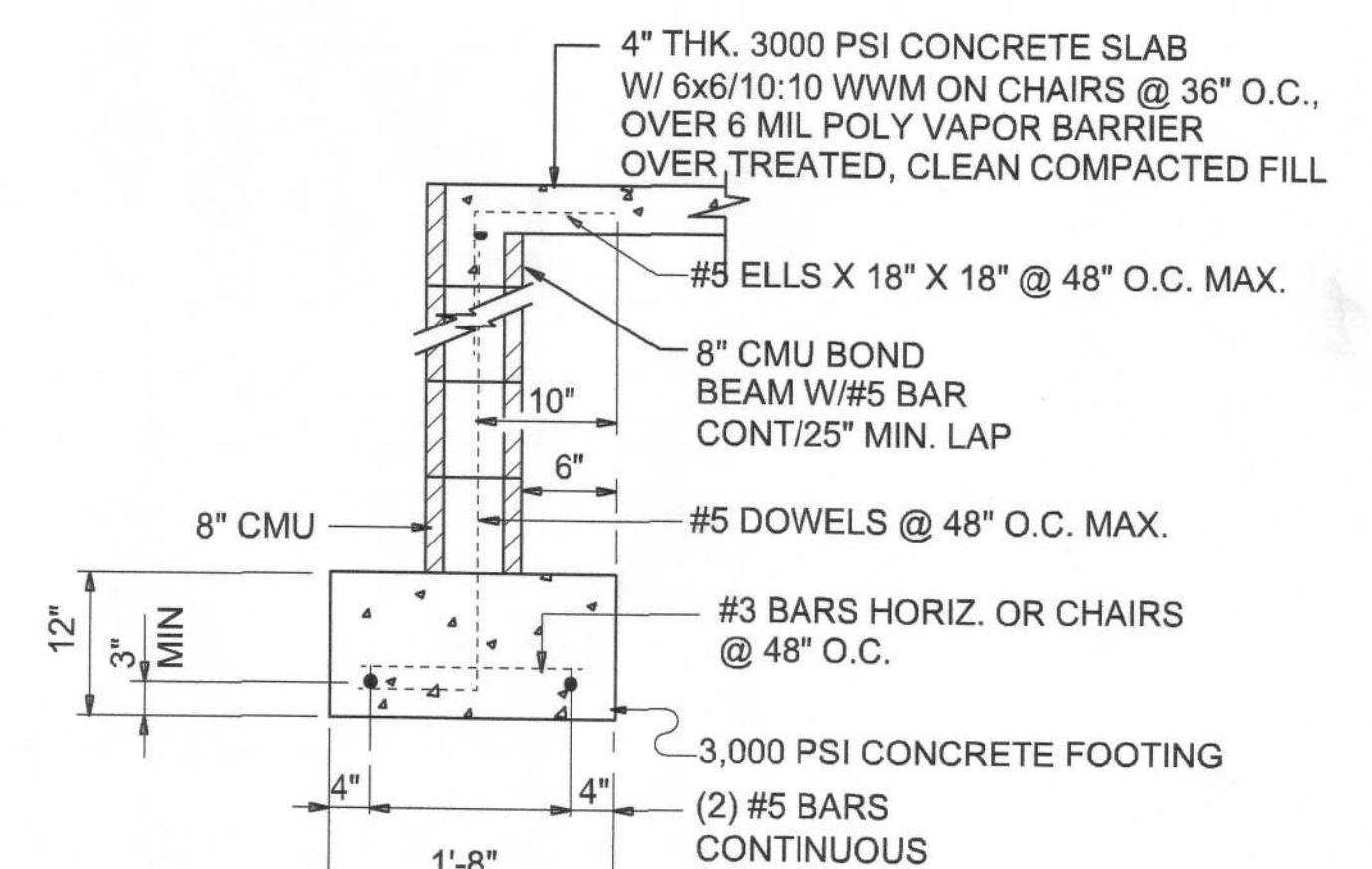
NOTE:
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F_c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F_c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4 P/T WOOD SILL, CONT. ALL AROUND, W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, & WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.



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



SECTION (optional) A
SCALE: 3/4" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

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SOFTWARE
ARCHITECTURAL DESIGN SOFTWARE

W.C. M

RONNIE & CHYRLE MUNSON
A CUSTOM BARNDOMINIUM HOME DESIGN FOR:
PROJECT ADDRESS: 1382 SW FAULNER DRIVE, FT. WHITE, FLORIDA 32038 (COLUMBIA COUNTY)

AR0007005

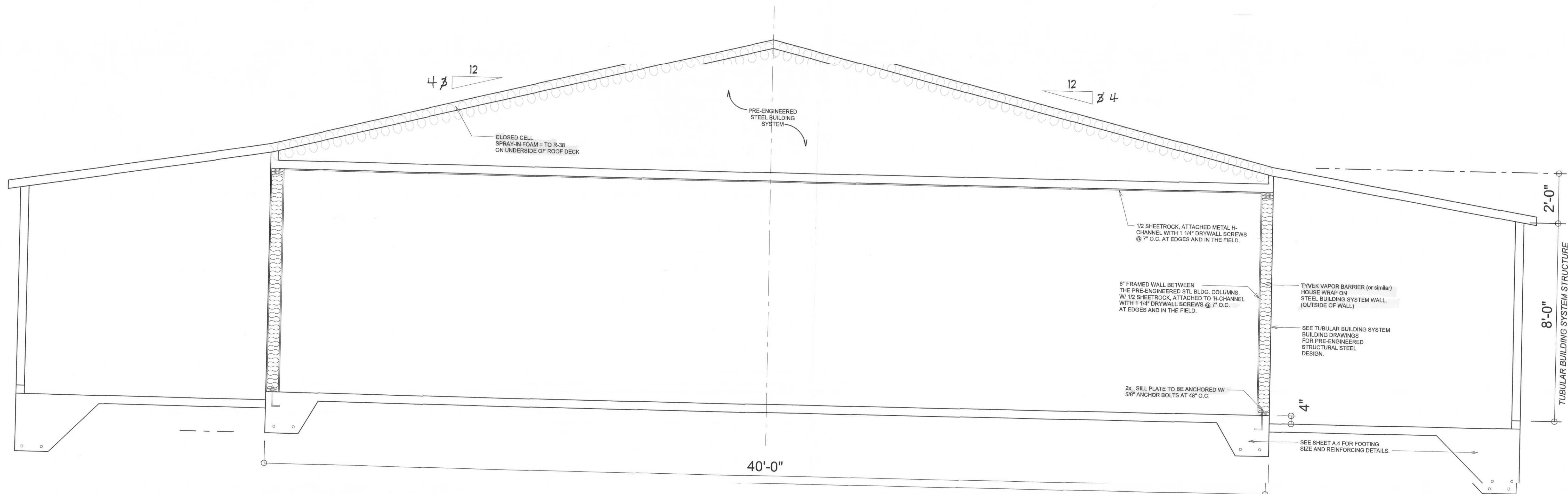
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February 23, 2021

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A.4



BUILDING SECTION
SCALE: NTS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

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SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

Will C. Myers

A CUSTOM BARNDOMINI HOME DESIGN FOR:
RONNIE & CHYRLE MUNSON
PROJECT ADDRESS: 1382 SW FALLER DRIVE, FT. WHITE, FLORIDA 32039 (COLUMBIA COUNTY)

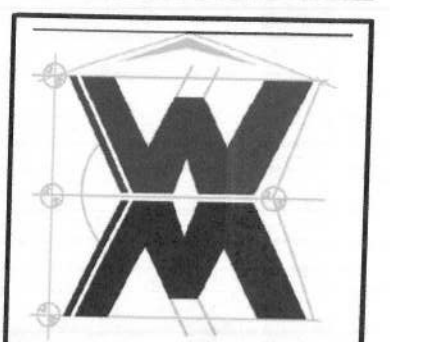


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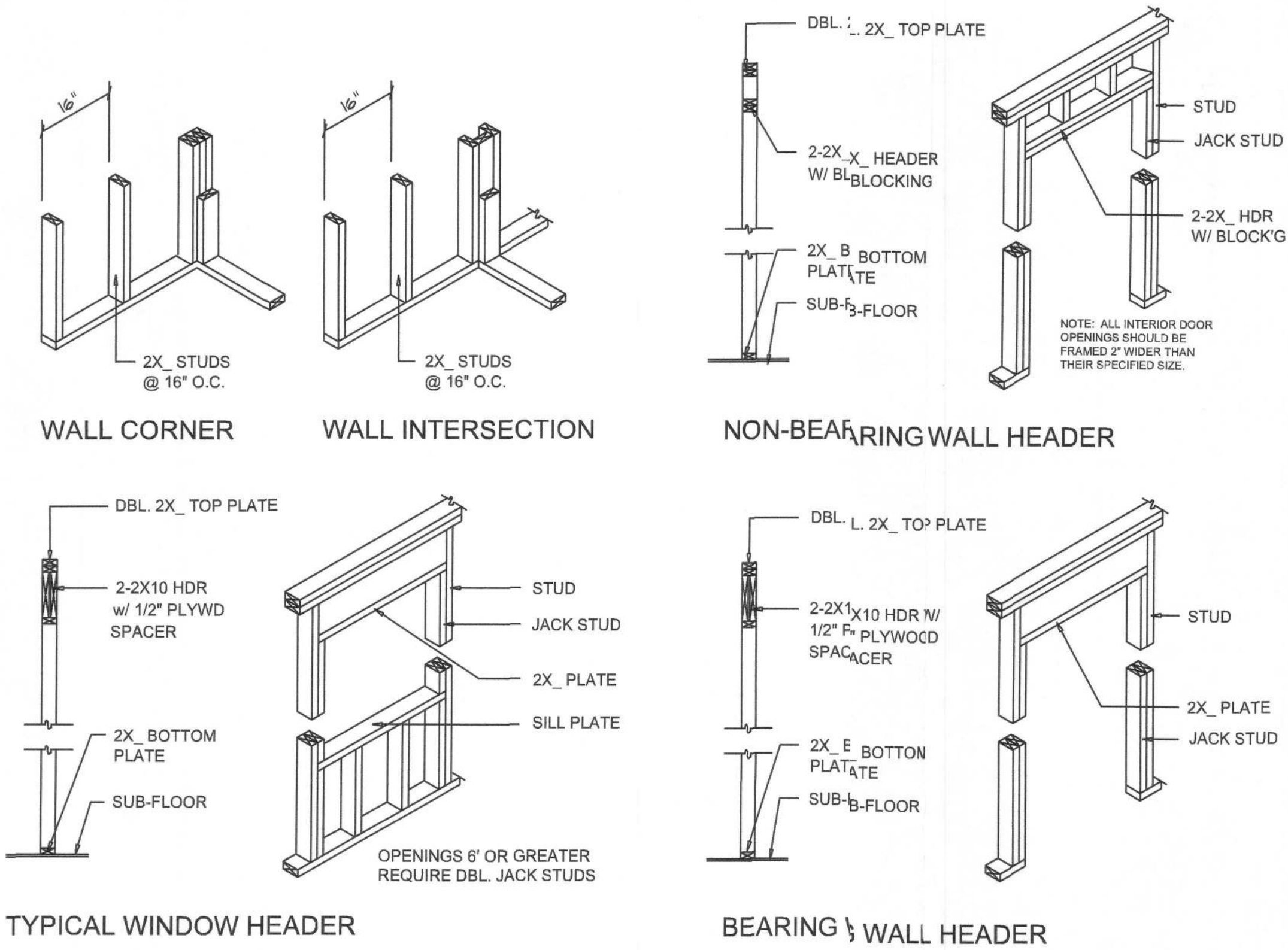


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A.5

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"					
ZONE	AREA	Vult 110 MPH	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH
ROOF 7' TO 27'	1 10	12.0 / -19.9	14.9 / -23.7	17.5 / -27.8	20.3 / -32.3
	1 20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4
	1 50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
	2 10	12.5 / -34.7	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2
	2 20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7
	2 50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.7
	3 10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1
	3 20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7
	3 50	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
	4 10	21.8 / -23.6	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2
	4 20	20.8 / -22.6	24.7 / -28.9	29.0 / -31.6	33.7 / -36.7
	4 50	19.5 / -21.3	23.2 / -25.1	27.2 / -29.8	31.6 / -34.6
WALL	5 10	21.8 / -29.1	25.9 / -34.7	30.4 / -40.7	35.3 / -47.2
	5 20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0
	5 50	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8

HEADER SPANS FOR EXTERIOR BEARING WALLS							
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
		SPAN	# JACKS	SPAN	# JACKS	SPAN	# JACKS
ROOF, CEILING	2-2x4	3'-6"	1	3'-2'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8'-8"	1	4'-2"	1
	2-2x8	6'-10"	1	5'-1'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3'-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5'-5"	2	7'-6"	2
	3-2x8	8'-4"	1	7'-5'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-7'-7"	2	9'-5"	2
	4-2x8	9'-2"	1	8'-4'-4"	1	9'-2"	1
	4-2x10	11'-8"	1	10'-6'-6"	1	9'-5"	1
	4-2x12	14'-1"	1	12'-2'-2"	2	10'-11"	1



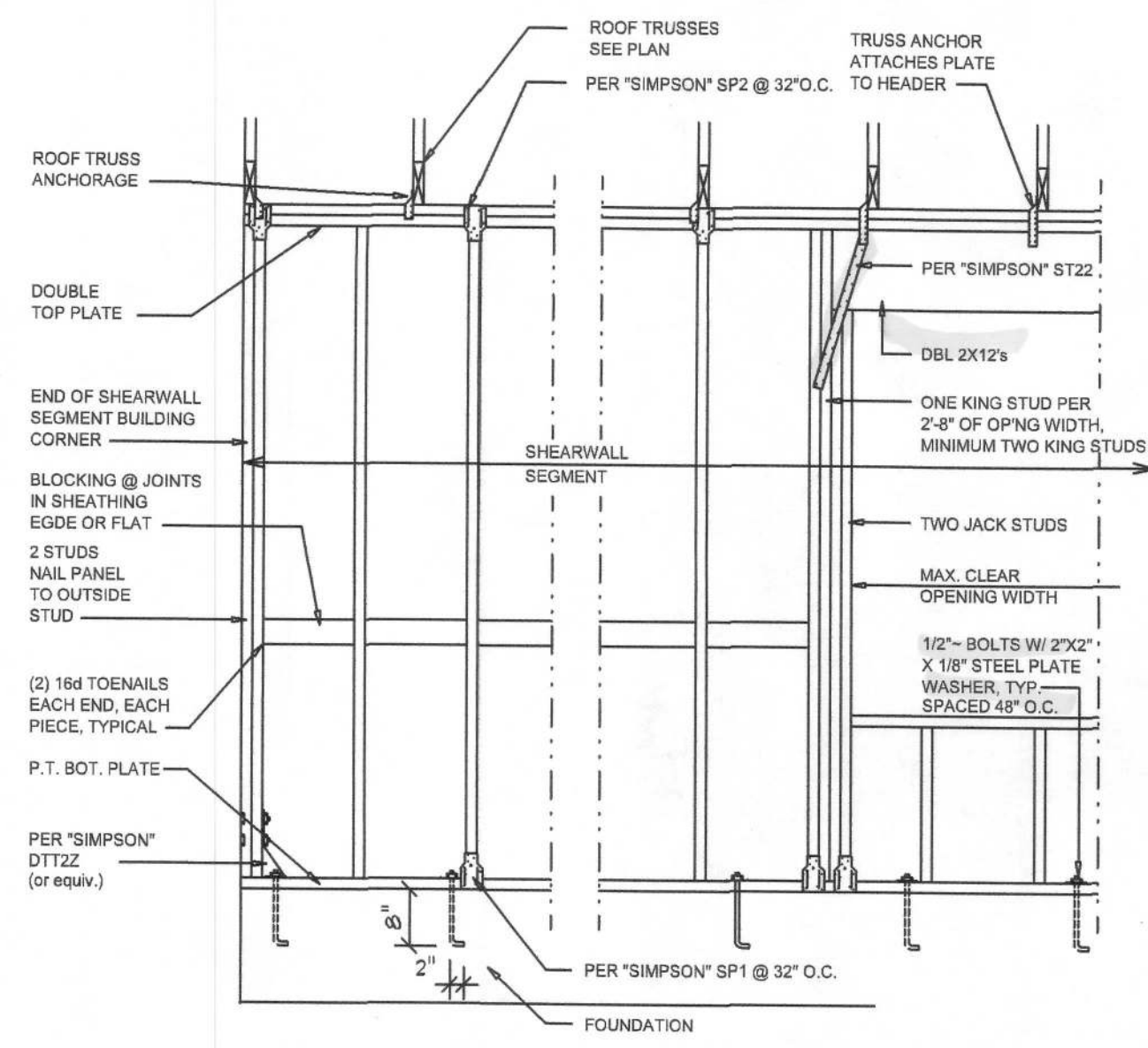
Wall Framing/Header DETAILS

SCALE: NONE

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

Wall DETAILS

SCALE: NONE



- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-87 SBCI 305.4.3.
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
 - ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
 - NAIL SPACING SHALL BE 4" O.C. EDGES AND 8" O.C. IN THE FIELD.
 - TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 50 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/5 FOR 8'-0" WALLS (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 8'-0"	(1) 2x4 OR (1) 2x6	1
> 8' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

"WindSTORM" ALT. SHEATHING METHOD:
ALTERNATIVE METHOD FOR ANCHORING THE TOP WALL PLATE TO THE FOUNDATION IN LIEU OF THE SP1/SP2 OR SP4 STRAPS INDICATED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL ALLOWED AS FOLLOWS:

- APPLY VERTICALLY, "WindSTORM" 7/16" O.S.B. 48" X 97" 100' 12" OR 145" SHEATHING, FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d COMMONS @ 3" O.C. OR 8d COMMONS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d COMMONS @ 8" O.C. OR 8d COMMONS @ 8" O.C.

Alternate "Titan" bolt concrete anchor system
ANCHOR SILL PLATE WITH 5/8" TITAN ANCHOR BOLT, PLACED AT 40" O.C. AROUND PERIMETER OF SLAB AND ALL INTERIOR BEARING WALLS.

REVISIONS

February 23, 2021

SCOTTIAN
ARCHITECTURAL DESIGN SOFTWARE

Wm. C. Smith

A CUSTOM RATIONALLY HOME DESIGN FIRM

RONNIE & CHYRLE MUNSON

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