



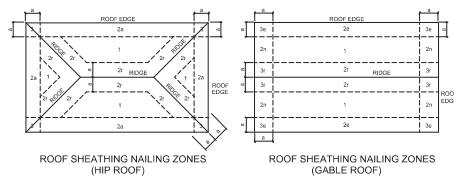
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ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16" O.S.B. OR 19/32 COX PLYWOOD	10d RING SHANK	6 in. o.c. EDGE 4 in. o.c. FIELD
2			4 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

BUILDG HEIGHT (ft.)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	.82	1.21	1.47
20	.89	1.28	1.58
25	.94	1.35	1.61
30	1.00	1.40	1.66

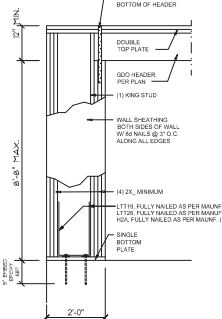


Roof Nail Pattern DET.

SCALE: NONE

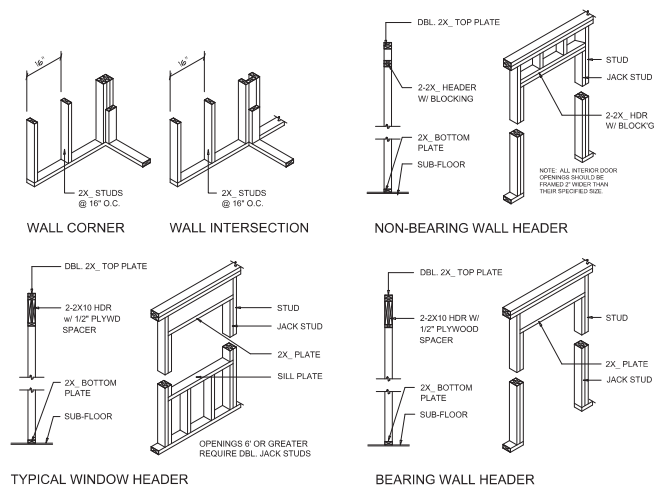


HEADER SPANS FOR EXTERIOR BEARING WALLS							
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
		SPAN	# JACKS	SPAN	# JACKS	SPAN	# JACKS
ROOF, CEILING	2-24	3'-6"	1	3'-2"	1	2'-10"	1
	2-26	5'-5"	1	4'-8"	1	4'-2"	1
	2-28	8'-10"	1	5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-8"	2
	2-2x12	9'-4"	2	8'-5"	2	7'-6"	2
	3-28	8'-4"	1	7'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-7"	2	9'-5"	2
	4-28	9'-2"	1	8'-4"	1	9'-2"	1
	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
	4-2x12	14'-1"	1	12'-2"	2	10'-11"	1



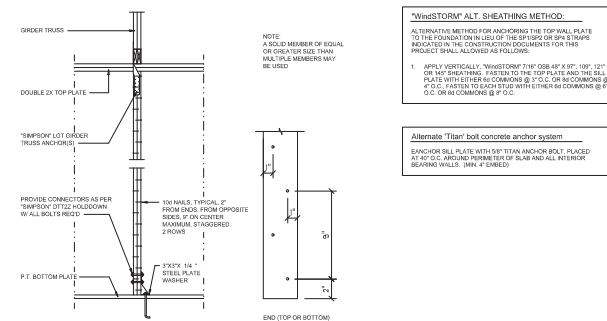
Garage End Wall DETAIL

SCALE: NTS



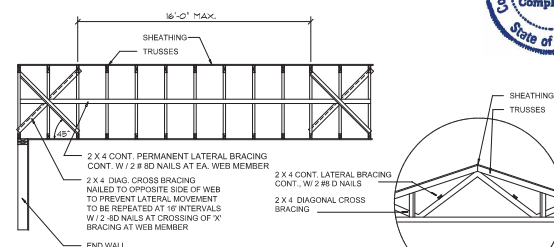
Wall Framing/Header DETAILS

SCALE: NONE



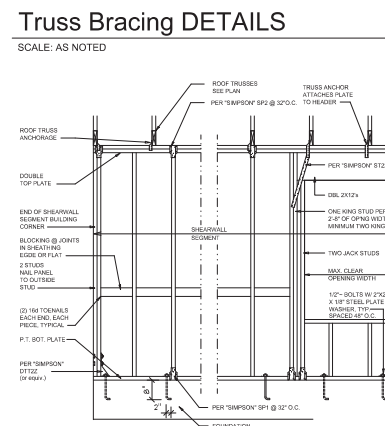
Girder Truss Column DET.

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



TYP. PERMANENT TRUSS BRACING DIA.

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



Shear Wall DETAILS

SCALE: NONE



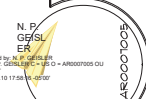
SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-87 S802I 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING AT ALL FOUR EDGES WITH JOISTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBER OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 4" O.C. EDGES AND 8" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHTS.

OPENING WIDTH	SILL PLATES	16S TOE NAIL EACH END
UP TO 6'-0"	(1) 2x6 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x6 OR (1) 2x6	2
> 9' TO 12'-0"	(3) 2x6 OR (3) 2x6	3



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



JOB NUMBER
20220212

SHEET NUMBER

S 4

OF 4 SHEETS

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable & Hip Construction, Wood Trusses @ 24" O.C.
Walls: 2x 4 & 2x 4 Wood Studs @ 16" O.C.
Floor: 4" Thk. Concrete Slab, Reinfrd W/ #4@10 W/M ON CHAIRS @ 36" O.C.,
Foundation: Continuous monolithic footing or Stem Wall foundation system

ROOF DECKING

Material: 1/2" CDX Plywood or 7/16" O.S.B.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 10d Ring Shank nails per schedule on sheet 3.4

SHEAR WALLS

Material: 1/2" CD Plywood or 7/16" O.S.B.
Sheet Size: 48"x96" Sheets Placed Vertical, stagger each sheet.
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Diagonal: Double Top Rows (S & P) W/16d Nails @ 12" O.C.
Wall Studs: 2x4 Wood Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON H2 5A (OR EQUIVALENT), W/ 6 - 10d Nails
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts: 1/2" A307 Bolts @ 48" O.C. - 1st Bolt 8" from corner
Corner Hold-down Device: (1) DTTZ (or equiv.) @ each corner
Porch Column Base Connector: Simpson ABR444MUB6 @ each column
Porch Column to Beam Connector: Simpson EPC44PC44 @ each column

FOOTINGS AND FOUNDATIONS

Footing: 20"x12" Cont. W/ (2) #5 Bars Cont. on chairs or (1) #5 Transverse @ 24" O.C.
Stemwall: 8" C.M.U. W/1-45 Vertical Dowels @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE (1TH EDITION) AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
2. WIND LOAD CATEGORICAL RISK CATEGORY: "B"
BASED ON ANH/AEBC 1-16, 2020 FBC 1609-A WIND VELOCITY: $V_{ult} = 150$ MPH
3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS: 40 PSF
BALCONIES: 40 PSF
5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RESPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1604.2.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6" EXCEPT: PAINT AND DECORATIVE COMPLETION FINISH LESS THAN 6" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1616.1.1
- SOL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1616.1.2
- BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1616.1.3
- A MINIMUM 1 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT. RETREATMENT IS REQUIRED. FBC 1616.1.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1616.1.5
- SOL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1616.1.6
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1616.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1616.1.7
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1616.1.7
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 12'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

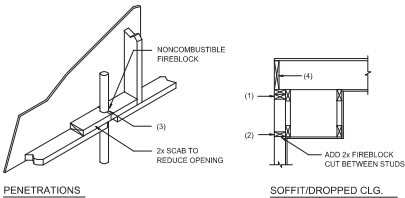
FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP
TRUSS TO WALL:	SIMPSON H2 5A (OR EQUIVALENT), W/ 6 - 10d NAILS	960#
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT. W/ 28 - 16d NAILS	1785#
HEADER TO KING STUD(S):	SIMPSON ST2Z	1370#
PLATE TO STUD:	SIMPSON SP2	1065#
STUD TO SILL:	SIMPSON SP1	585#
PORCH BEAM TO POST:	SIMPSON PCH4EPC44	1700#
PORCH POST TO FND:	SIMPSON ABM44	2200#
MISC. JOINTS	SIMPSON A44	3150#/2400#

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.
NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL 1 TO.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #05-0818.15
NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #01-0107.05, #06-1126.11, #09-0023.04
SBCC1 NER-443, NER-393



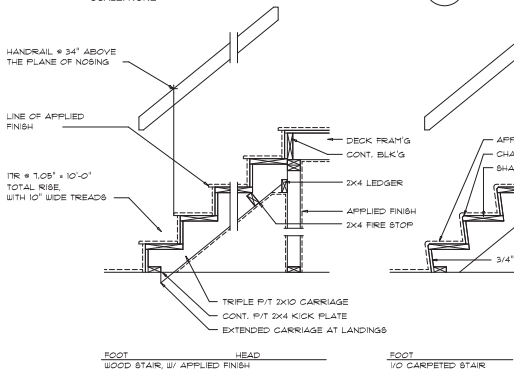
PENETRATIONS

FIREBLOCKING NOTES:

- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING PURRED SPACES AT CEILING AND FLOOR LEVELS.
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COW CEILINGS, ETC.
 - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYRO-PANEL, MULTIFLEX SEALANT"
 - 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.

Fire Stopping DETAILS

SCALE: NONE



Typical Stair DETAIL

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

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT > 30'-0", EXPOSURE "B" ROOF ANGLE 2° TO 45°											
WIND ZONE	WIND DIRECTION	V _{ULT} 16 MPH		V _{ULT} 30 MPH		V _{ULT} 100 MPH		V _{ULT} 140 MPH		V _{ULT} 180 MPH	
		Press	Neg	Press	Neg	Press	Neg	Press	Neg	Press	Neg
1	90	0.02	-0.01	0.17	-0.04	1.1	-0.3	1.6	-0.5	2.1	-0.6
2	45	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	315	0	0	0	0	0	0	0	0	0	0
5	270	0	0	0	0	0	0	0	0	0	0
6	225	0	0	0	0	0	0	0	0	0	0
7	180	0	0	0	0	0	0	0	0	0	0
8	135	0	0	0	0	0	0	0	0	0	0
9	90	0	0	0	0	0	0	0	0	0	0
10	45	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	315	0	0	0	0	0	0	0	0	0	0
13	270	0	0	0	0	0	0	0	0	0	0
14	225	0	0	0	0	0	0	0	0	0	0
15	180	0	0	0	0	0	0	0	0	0	0
16	135	0	0	0	0	0	0	0	0	0	0
17	90	0	0	0	0	0	0	0	0	0	0
18	45	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0
20	315	0	0	0	0	0	0	0	0	0	0
21	270	0	0	0	0	0	0	0	0	0	0
22	225	0	0	0	0	0	0	0	0	0	0
23	180	0	0	0	0	0	0	0	0	0	0
24	135	0	0	0	0	0	0	0	0	0	0
25	90	0	0	0	0	0	0	0	0	0	0
26	45	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0
28	315	0	0	0	0	0	0	0	0	0	0
29	270	0	0	0	0	0	0	0	0	0	0
30	225	0	0	0	0	0	0	0	0	0	0
31	180	0	0	0	0	0	0	0	0	0	0
32	135	0	0	0	0	0	0	0	0	0	0
33	90	0	0	0	0	0	0	0	0	0	0
34	45	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0
36	315	0	0	0	0	0	0	0	0	0	0
37	270	0	0	0	0	0	0	0	0	0	0
38	225	0	0	0	0	0	0	0	0	0	0
39	180	0	0	0	0	0	0	0	0	0	0
40	135	0	0	0	0	0	0	0	0	0	0
41	90	0	0	0	0	0	0	0	0	0	0
42	45	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0
44	315	0	0	0	0	0	0	0	0	0	0
45	270	0	0	0	0	0	0	0	0	0	0
46	225	0	0	0	0	0	0	0	0	0	0
47	180	0	0	0	0	0	0	0	0	0	0
48	135	0	0	0	0	0	0	0	0	0	0
49	90	0	0	0	0	0	0	0	0	0	0
50	45	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0
52	315	0	0	0	0	0	0	0	0	0	0
53	270	0	0	0	0	0	0	0	0	0	0
54	225	0	0	0	0	0	0	0	0	0	0
55	180	0	0	0	0	0	0	0	0	0	0
56	135	0	0	0	0	0	0	0	0	0	0
57	90	0	0	0	0	0	0	0	0	0	0
58	45	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0
60	315	0	0	0	0	0	0	0	0	0	0
61	270	0	0	0	0	0	0	0	0	0	0
62	225	0	0	0	0	0	0	0	0	0	0
63	180	0	0	0	0	0	0	0	0	0	0
64	135	0	0	0	0	0	0	0	0	0	0
65	90	0	0	0	0	0	0	0	0	0	0
66	45	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0
68	315	0	0	0	0	0	0	0	0	0	0
69	270	0	0	0	0	0	0	0	0	0	0
70	225	0	0	0	0	0	0	0	0	0	0
71	180	0	0	0	0	0	0	0	0	0	0
72	135	0	0	0	0	0	0	0	0	0	0
73	90	0	0	0	0	0	0	0	0	0	0
74	45	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0
76	315	0	0	0	0	0	0	0	0	0	0
77	270	0	0	0	0	0	0	0	0	0	0
78	225	0	0	0	0	0	0	0	0	0	0
79	180	0	0	0	0	0	0	0	0	0	0
80	135	0	0	0	0	0	0	0	0	0	0
81	90	0	0	0	0	0	0	0	0	0	0
82	45	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0
84	315	0	0	0	0	0	0	0	0	0	0
85	270	0	0	0	0	0	0	0	0	0	0
86	225	0	0	0	0	0	0	0	0	0	0
87	180	0	0	0	0	0	0	0	0	0	0
88	135	0	0	0	0	0	0	0	0	0	0
89	90	0	0	0	0	0	0	0	0	0	0
90	45	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0	0
92	315	0	0	0	0	0	0	0	0	0	0
93	270	0	0	0	0	0	0	0	0	0	0
94	225	0	0	0	0	0	0	0	0	0	0
95	180	0	0	0	0	0	0	0	0	0	0
96	135	0	0	0	0	0	0	0	0	0	0
97	90	0	0	0	0	0	0	0	0	0	0
98	45	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0
100	315	0	0	0	0	0	0	0	0	0	0

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG. HEIGHT (ft.)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
16	0.9	1.2	1.4
20	0.9	1.25	1.55
25	0.9	1.35	1.6
30	1.0	1.4	1.66

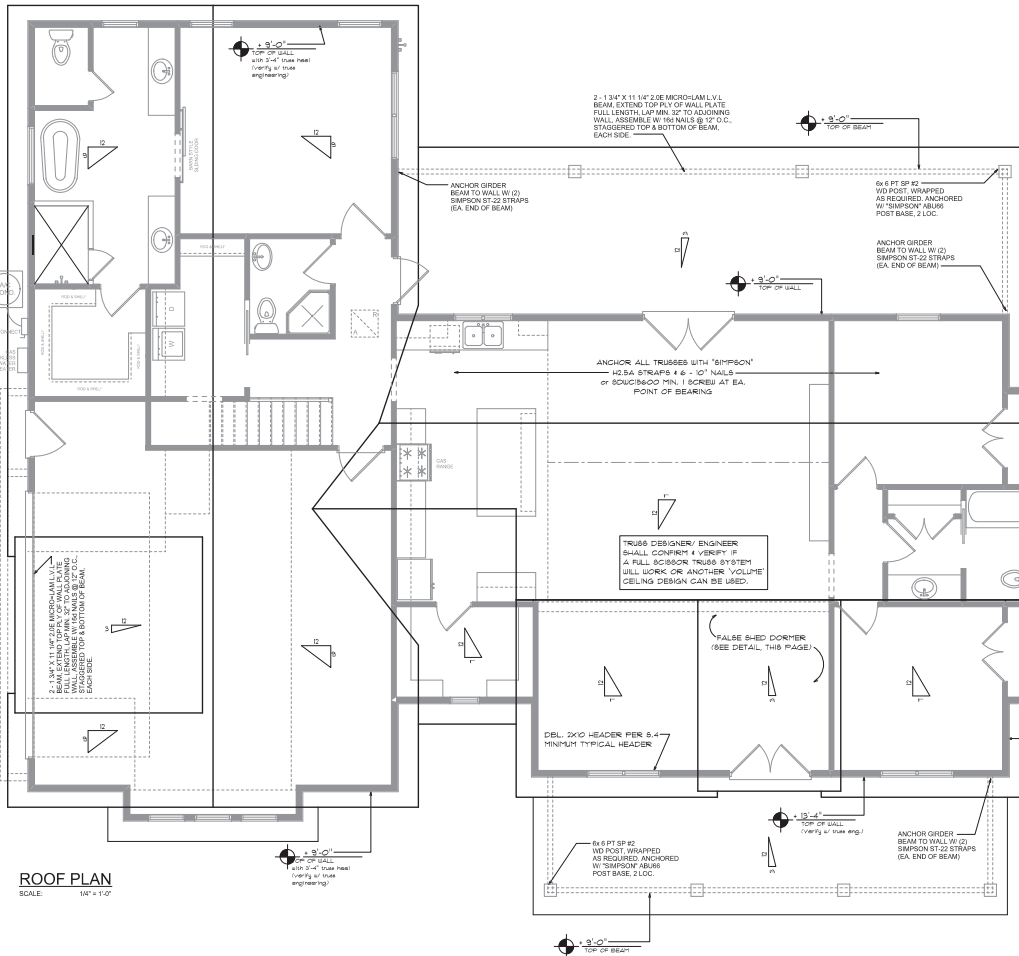
General Roofing NOTES:

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. PER R065, DOUBLE UNDERLAYMENT IS REQUIRED ON ROOF SLOPES GREATER THAN 4:12.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4899, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/



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

NOTE:
ANCHOR GIRDER (TRUSSES) TO HEADER
WITH 2 "SIMPSON" LGR2, 3 OR 4;
ANCHOR HEADER TO KING STUDS W/
2 "SIMPSON" ST2S EA. END - TYP. - T.O.

NOTE:
REFER TO THE WINDOW/DOOR HEADER
SCHEDULE ON SHEET 8.4 FOR ALL
MINIMUM SIZE HEADERS AND ALTERNATES
MINIMUM SIZE ALLOWABLE IS 2X10.

SHOP Dwg COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN
THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE
TRUSS ENGINEERED SHOP DRAWINGS TAKE PRECEDENCE OVER THAT
INDICATED IN THE CONSTRUCTION DOCUMENTS.
THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS
SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS
FOR COMPARABLE UPLIFT CONNECTIONS, AND THAT THE PRODUCTS THAT
PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS
MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS
OR AS APPROVED BY THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR
REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF
THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN
ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR
ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.
TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE
PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY
THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR
SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

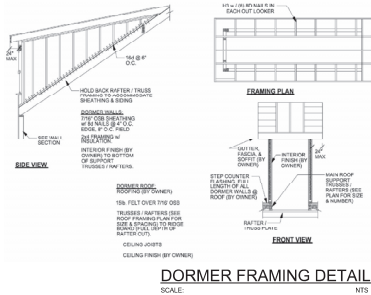
PROJECT COORDINATION REQUIREMENTS

NOTICE:
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES
AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES,
RULES AND REGULATIONS, N.P. GEISLER, ARCHITECT CANNOT GUARANTEE THAT ALL APPLICABLE
STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS
THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT
COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE AND FEDERAL). IF YOUR CITY
OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED
TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

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

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE
WITH THE REQUIREMENTS OF THE NATIONAL ROOF PRODUCTS ASSOCIATION
MANUAL FOR TRUSS RATED LUMBER AND T/C CONNECTIONS. LATEST E.A. ALONG
W/ THE TRUSS PLATE INSTITUTE SUGGESTED GUIDELINES FOR TEMPORARY AND
PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL
INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS. & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR
REQUIREMENTS THAT BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND UPLIFT
REQUIREMENTS OF TRUSSES OR ORDERS. THE CONTRACTOR SHALL MAKE
AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE
PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY
SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THE
STRUCTURE.



DORMER FRAMING DETAIL
SCALE: 1/4" = 1'-0"

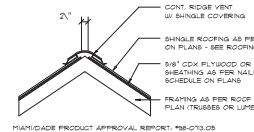
ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
 - R-2 ALL OVERHANGS 18"
 - R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON 8.3
 - R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HELL HEIGHTS
 - R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR
- NOTE:
SHEATH ROOF W/ 19/32" CDX PLYWOOD PLACED
W/ LONG DIMENSION PERPENDICULAR TO THE
ROOF TRUSSES, SECURE TO TRACING W/ 8d
NAILS - AS PER DETAIL ON SHEET 8.4
- NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2020 IBC (17TH EDITION)
AND LOCAL JURISDICTION REQUIREMENTS
- NOTE:
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 8'-0". PENETRATIONS THROUGH
SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER
AS TOP PLATES, NOTED ABOVE

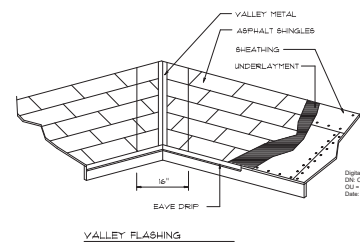
WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED
FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR. SO ENGINEERED, TEMPORARY & PERMANENT
BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES
OF THE TRUSS PLATE INSTITUTE.
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL
ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN
SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAIL, TRUSS TO TRUSS
CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS
OF INSTALLATION OF THE TRUSS PLATE INSTITUTE.
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL
BE NOT LESS THAN 2X4 HEY-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR
BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS
AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED.
REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CON-
NECTIONS.

AREA OF ATTIC	REQD L.P. OF VENT	NET FREE AREA OF ATTIC
1800 SF	20 LF	410 SQ IN.
1900 SF	24 LF	410 SQ IN.
2000 SF	28 LF	410 SQ IN.
2100 SF	32 LF	410 SQ IN.
2200 SF	36 LF	410 SQ IN.
2300 SF	40 LF	410 SQ IN.
2400 SF	44 LF	410 SQ IN.



Ridge Vent DETAIL
SCALE: 1/4" = 1'-0"



VALLEY FLASHING

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (lb/ft ²)
COPPER			16
ALUMINUM	0.024		16
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (2ND COATED G90)	
ZINC ALLOY	0.021		40
LEAD			10
PAINTED TERNE			10

Roofing/Flashing DETS.

SCALE: NONE

REVISIONS

May 03, 2022

SOFTPLAN

ROOF PLAN

1/4" = 1'-0"

SCALE

A MODERN FARMHOUSE DESIGN FOR

CHRIS & TERESA WILKEY

PROJECT ADDRESS: SW DIAL AVE, COLUMBIA COUNTY, FLORIDA, 32024

IC CONSTRUCTION, LLC.

LICENSE # C06729605

N.P. GEISLER

Architect

170 NW 8th Ave, Suite 200

Fort Lauderdale, FL 33305

Phone: 954-365-1555

Cell: 954-365-1555

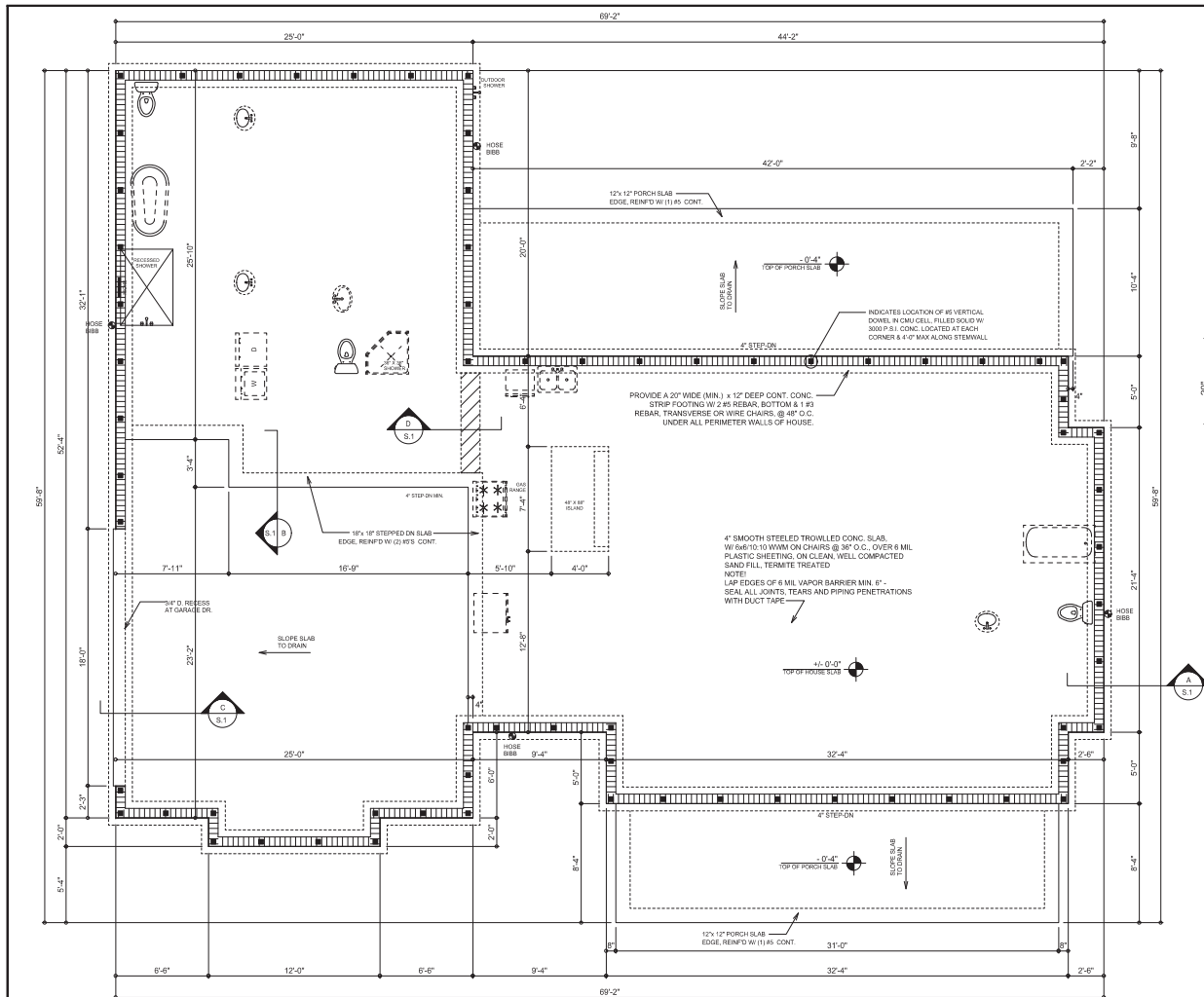
JOB NUMBER

20220212

SHEET NUMBER

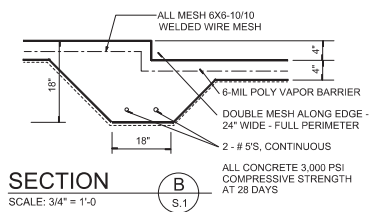
S.2

OF 4 SHEETS

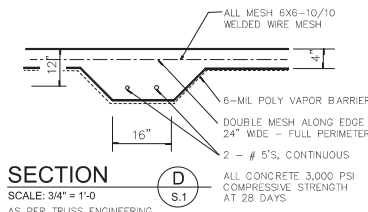


FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

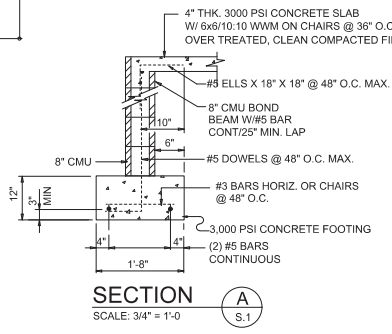
INTERIOR BEARING WALLS:
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.



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

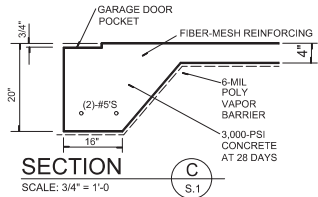


SECTION D
SCALE: 3/4" = 1'-0"
S.1

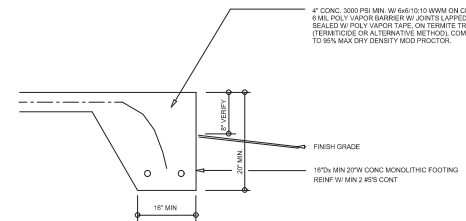


SECTION A
SCALE: 3/4" = 1'-0"
S.1

NOTE:
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING WALL LOCATIONS WITH THE TRUSS ENGINEERING SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING WALLS OR ANY POINT LOADS OF 4 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 C
SCALE: 3/4" = 1'-0"
S.1



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

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 G.D. 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 P.C. = 3000 PSI FOR ALL FTGS. SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P.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 - Fm = 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 PT WOOD SILL CONT. ALL AROUND W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 8" FROM EACH CORNER, EA. WAY, & WITHIN 8" 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.

4" CONC. 3000 PSI MIN. W/ 6x6/10-10 WWM ON CHAIRS @ 36" O.C. OVER 6 MIL POLY VAPOR BARRIER W/ JOINTS LAPPED 8" MIN. AND SEALED W/ POLY VAPOR TAPE, ON THERMITE TREATED SOIL (THERMITE OR ALTERNATIVE METHOD), COMPACTED TO 95% MAX DRY DENSITY MOD METHOD.

N. P. GEISLER
ER
Digitally signed by N. P. GEISLER
DN: CN = N. P. GEISLER, O = ARCOOCC, OU = ARCOOCC
Date: 2022.05.10 17:55:28 -0600

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 WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM. CONTRACTOR 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.

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

REVISIONS
May 09, 2022

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

A MODERN FARMHOUSE DESIGN FOR
CHRIS & TERESA WILKEY
PROJECT ADDRESS: 3909 DIAL AVE. COUMBER COUNTY, FLORIDA 32024
IC CONSTRUCTION, LLC.
LICENSE # 1255-125565

ARCOOCC
N. P. GEISLER
ER
Digitally signed by N. P. GEISLER
DN: CN = N. P. GEISLER, O = ARCOOCC, OU = ARCOOCC
Date: 2022.05.10 17:55:28 -0600

NICHOLAS GEISLER ARCHITECT
1750 NW Brown Rd.
Lakeland, FL 33805
(888) 333-3333

JOB NUMBER
20220212
SHEET NUMBER
S.1
OF 4 SHEETS