# **EGRESS WINDOW ILLUSTRATION**

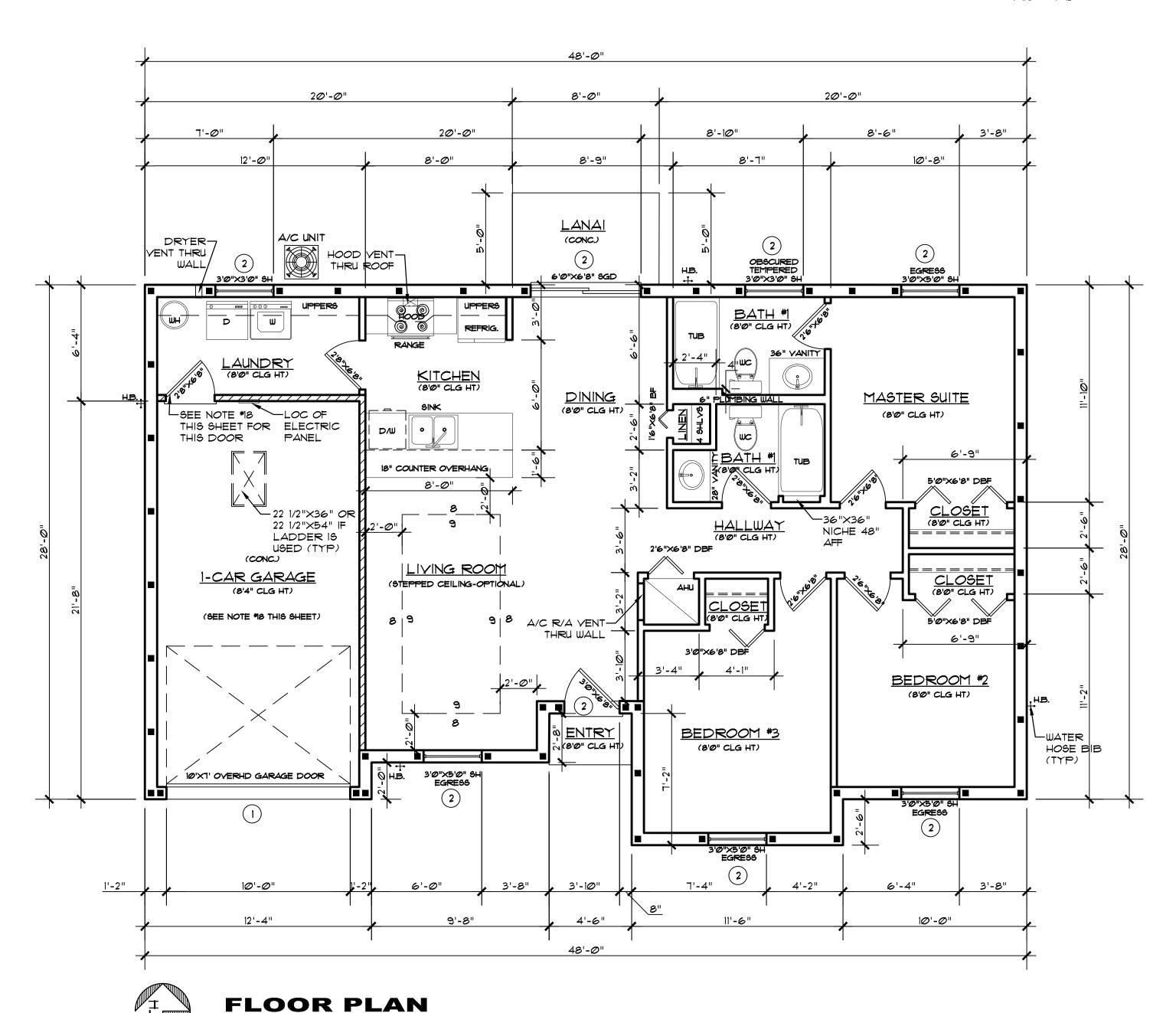
DOORS AND DOOR LOCKS IN MEANS OF ESCAPE SHALL COMPLY W/ LOCAL CODES.

# — 12d OR 16d NAILS-FACE NAILED AND TOE NAILED AS SHOWN (TYPICAL) $2" \times 4"$ OR $2" \times$ 6" BLOCKING (TYPICAL) KITCHEN SIDE OF STUD BLOCKING TO BE FLUSH WITH -THE KITCHEN SIDE OF THE STUDS - WALL STUDS FRONT VIEW SIDE VIEW

NOTE: CABINET BLOCKING WILL BE OF 2" X 4" OR 2" X 6" MATERIAL. TOP EDGE OF BLOCKING WILL BE AT 85" ABOVE THE FINISHED FLOOR BLOCKING SHOULD BE FLUSH WITH THE KITCHEN SIDE OF THE STUDS. FASTEN WITH 12d OR 16d NAILS. INSTALL ON ALL WALLS RECEIVING UPPER CABINETS (16" OR 24" O.C. SPACING).

# **KITCHEN CABINET** WALL BLOCKING DETAIL

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



## **LINTEL SCHEDULE:**

1. 8" PRE-STRESSED LINTEL FILLED W/ CONCRETE AND REINFORCED W/ (1) \*5 BAR BELOW A COURSE OF 8" K.O. BLOCK FILLED W/ CONCRETE AND REINFORCED w/ (1) \*5 BAR. PROVIDE TEMPORARY SHORING @ MID-SPAN FOE 1-DAYS AFTER THE CONCRETE IS POURED.

2. 8" CAST-IN-PLACE CONC LINTEL W/ 1"5 REBAR & A TIEBEAM W/ 1 "5 REBAR -CELLS GROUTED W/ MIN 3000 PSI CONCRETE UNLESS NOTED.

EXCEPT AS NOTED ABOVE, WOOD HEADERS IN LOAD BEARING WALLS SHALL BE 2-PLY 2x8 \*2 SYP w/ 1/2" OSB FLITCH PLATE, ANCHORED TO DOUBLE JACK-STUDS AT EACH END w/ (1) SIMPSON \*LSTAI2 STRAP. THE JACK-STUDS, IN TURN, MUST BE TIED TO THE BOTTOM PLATE W/ (2) SIMPSON H2.5 CLIPS. PROVIDE TEMPORARY SHORING @ MID-SPAN OF LINTELS LONGER THAN 6'-0" FOR I DAYS AFTER THE CONCRETE IS POURED. POWER BOX LINTEL MAY BE USED ILO PRE-STRESSED CONCRETE LINTELS.

UNLESS OTHERWISE NOTED, EACH STUD AT BEARING WALL SHALL BE ATTACHED WITH SIMPSON SP6 AT TOP AND SIMPSON SSP AT BOTTOM. ATTACH TRUSSES TO WALL WITH SIMPSON HID ANCHOR BOTTOM PLATE OF WALL TO FOUNDATION WITH 1/2" & A.B. (6"+2") WITH NUT & WASHER AT 32" O.C.

OPENING TYPE	<u>LINTEL LENGTH</u>	<u>QUANTITY</u>
10' GARAGE DOOR DOOR	11'4" (208")	1
6'0" SLIDING GLASS DOORS	7'4" <i>(8</i> 8")	1
3'0" FRONT ENTRY DOOR	3'8" <i>(</i> 44" <i>)</i>	1
3'0" WINDOW	3'8" <i>(</i> 44" <i>)</i>	6

#### **DBL HEADERS NOTES:**

- 2-2" X 6" AT INTERIOR LOAD BEARING WALLS.
- $2-2" \times 4"$  AT INTERIOR NON-LOAD BEARING WALLS.
- 2-2" X 12" AT OPENINGS LARGER THAN 9' (DOUBLE JACK STUDS EA SIDE).
- $2-2" \times 8"$  AT OPENINGS LARGER THAN 6' (DOUBLE JACK STUDS EA SIDE).

#### **AREA TABULATIONS:**

LIVING AREA:	1,Ø78 G.S.F.
FRONT ENTRY:	12 G.S.F.
REAR LANAI:	40 G.S.F.
GARAGE AREA:	255 G.S.F.
TOTAL:	1,385 G.S.F.

#### **LEGEND**

NEW 8"X8"X16" CONC. BLOCK WALL SEE WALL SECTION

11/2 "x 31/2" (UNLESS OTHERWISE NOTED) SOUTHERN PINE

WOOD STUDS @ 1'-4" O.C. W/ 1/2" GWB EA SIDE

11/2"x 31/2" (UNLESS OTHERWISE NOTED) SOUTHERN PINE WOOD STUDS @ 1'-4" O.C. W/ 1/2" GWB EA SIDE PROVIDE 31/2" FULL THICK INSULATION R-13 IN STUD CAVITY AT GARAGE

### PRODUCT APPROVAL LIST

Product Category	Sub Category	Manufacturer	Approval Number
Exterior Doors	Sectional	Amarr Garage Doors	FL13521.1-R7
Exterior Doors	Swinging Doors	Masonite International	FL29847.3-R2
Exterior Doors	Sliding Door	Jeld-Wen	FL21705.1-R6
XX7' 1	C' 1 II	Cit II Dilli Dilli C	FY 14011 5 P.12
Windows Windows	Single Hung Mullions	Silver Line Building Products Corp. Silver Line Building Products Corp.	FL14911.5-R13 FL6067.1-R12
Wildows	Manons		12000711 1112
D C D 1 (	TT 1 1	CAEMALLO	FI 0/0/ 1 D5
Roofing Products	Underlayments	GAF Materials Corporation	FL8686.1-R5
Roofing Products	Roofing Fastners	Olympic Fasteners	FL699.1-R12
Roofing Products	Roofing Insulations	Certain Teed Corporation-Roofing	FL491.1-R9
Roofing	Ashplat Shingles	GAF Materials Corporation	FL10124.1-R35
Roofing	Roofing Accessories	GAF Materials Corporation	FL6267.1-R18
Roofing	Roofing Accessories	GAF Materials Corporation	FL5027.1-R16
Panel Walls	Soffits	Ply Gem Siding Group	FL32502.1-R1
Shutters	Storm Panels	Impact Protective Systems	FL812.1-R11
Structural Components	Engineered Lumber	Boise Engineered Wood Products	FL1644.1-R11
Structural Components	Engineered Lumber	Boise Engineered wood Froducts	FL1044.1-K11
Structural Components	Wood Connector	Simpson Strong Tie-Co	FL10456.1 TO .20-R8
Structural Components	Wood Connector	Simpson Strong Tie-Co	FL158.1-R17

#### **GENERAL NOTES:**

- 1) VERIFY DOOR JAMB DIMENSION & PROVIDE CLEARANCE FOR MOULDINGS. WINDOWS & DOORS ARE SHOWN & NOTED AS NOMINAL
- 2) CONTRACTOR SHALL VERIFY ALL NOTES, DIMENSIONS & CONDITIONS PRIOR TO CONSTRUCTION.
- 3) PROVIDE SOLID BLOCKING OVER SUPPORTS. 4) PROVIDE FIRE BLOCKING @ ALL PLUMBING PENETRATIONS.

SECTIONS, PLANS & STRUCTURAL NOTES FOR ADDITIONAL

- 5) ALL WOOD IN CONTACT WITH CONC. TO BE PRESSURE TREATED. 6) ■ INDICATES 8" (NOMINAL) CMU WALL REINFORCED WITH 1 \*5 VERTICAL AND DOWEL AT 4'-0" O.C. MAX. IN GROUT FILLED CELL, REFER TO
- REQUIREMENTS. 1) SMOKE DETECTORS
- \*SHALL BE 110V INTERCONNECTED W/ BATTERY BACKUP
- \*SHALL BE INSTALLED ON EACH FLOOR AND IN ALL BEDROOMS \*SHALL BE INSTALLED IN EACH LOCATION WHERE THERE IS A CEILING
- CHANGE GREATER THAN 24". \*SHALL BE LISTED IN ACCORDANCE WITH UL217 & INSTALLED PER THE
- HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPAT2.
- 8) ALL SLEEPING ROOMS SHALL HAVE AT LEAST ONE (1) EMERGENCY EGRESS WINDOW W/ THE FOLLOWING PROPERTIES:
- SILL HGT NØ MORE THAN 44" ABOVE THE FLOOR. MIN NET CLEAR OPENING HGT DIM SHALL BE 24".
- THE MIN NET CLEAR OP'G WIDTH DIM SHALL BE 20".
- 9) PER THE 2023 (8TH ED) OF THE FLORIDA BLDG CODE, THE FOLLOWING LOCATIONS SHALL HAVE TEMPERED GLASS: GLAZING IN SWINGING DOORS.
- IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERT EDGE IS WITHIN A 2'-0" RADIUS OF THE DOOR IN A CLOSED POSITION & WHOSE BOTTOM EDGE IS LESS THAN 5'-0" ABOVE THE FLOOR OR WALKING SURFACE
- BOTTOM EDGE IS LESS THAN 1'-6" ABOVE THE FLOOR.
- TOP EDGE GRATER THAN 3'-0-" ABOVE THE FLOOR EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ FT.
- NO OTHER CONDITIONS APPLY TO THIS PROJECT 10) ALL DOORS HEIGHT TO BE 6'-8" FROM FINISH FL UNLESS OTHERWISE
- 11) "Z" WINDOW FLASHING MUST BE USED ON TOP OF ALL MULLED WINDOW UNITS NOT PROTECTED BY ROOF OVERHANG.
- 12) DUE TO 6" HIGH BASE IN ALL ROOMS, PROVIDE 6" HIGH TOE SPACE AT
- ALL BASE CABINETS. 13) CAULK UNDER DOOR THRESHOLD AND SLIDING GLASS DOOR TRACKS.
- 14) FIREBLOCKING TO BE INSTALLED BETWEEN STUDS AT DROPPED
- CEILINGS AND INTERIOR SOFFITS. 15) MEDICINE CABINET ROUGH OPENING SHOULD BE 14 1/2" X 18 1/2" AND
- 6'-1" FROM THE FINISHED FLOOR TO THE TOP OF THE OPENING. 16) INSTALL CABINET BLOCKING IN ALL AREAS WHERE OVERHEAD CABINETS ARE OFFERED. USE 2" × 4" OR 2" × 6" AT T'-1" ABOVE
- FINISHED FLOOR. 17) MITER ALL JOINTS IN FASCIA.
- 18) PER THE 2023 (8TH ED) OF THE FLORIDA BLDG CODE, SECTION R309.1, R309.1.1, AND R309.2, DOOR(6) OPENING TO THE RESIDENCE SHALL BE
- 1-3/8" SOLID WOOD, STEEL OR 20 MINUTE RATED. THE WALL SEPARATING THE GARAGE FROM THE RESIDENCE SHALL HAVE  $\frac{1}{2}$ " OR 1/2" TYPE "X" DRYWALL ON THE GARAGE SIDE. THE GARAGE ATTIC
- AREA SHALL BE SEPARATED FROM THE RESIDENCE BY 1/2" DRYWALL OR %" TYPE "X" DRYWALL SHALL BE APPLIED TO THE GARAGE CEILING.

## **WIND PRESSURE**

# **DESIGN DATA**

	ZONE	- PSF	PSF
ROOF	1	23.97	-42.66
	2	23.97	-67.36
	3	23.97	-102.64
WALL	4	45.21	-49.39
	5	45.21	-58.Ø1
OVERHANG	2	N/A	-91.36
	3	N/Δ	-127.96

## **CODE ANALYSIS:**

#### CODE:

FLORIDA RESIDENTIAL BUILDING CODE, 2023 (8TH EDITION) COUNTY: CITRUS COUNTY CITY: CRYSTAL RIVER

#### **OCCUPANCY:**

WIND EXPOSURE: "C"

GROUP R, RESIDENTIAL OCCUPANCY

INTERNAL PRESSURE COEF: ±0.18

#### **TYPE OF CONSTRUCTION:**

### **HEIGHT & NO. OF STORIES:**

NUMBER OF STORIES: ONE STORY BUILDING HEIGHT: ±22 FEET

COMPONENTS & CLADDING: SEE INDIVIDULE ITEMS

#### **HURRICANE INFORMATION:**

BASIC WIND SPEED: 145 MPH (3 SEC. GUST) CATEGORY II

TYPE Y-B, UNPROTECTED, NOT SPRINLERED

6.17.2024

No 53920

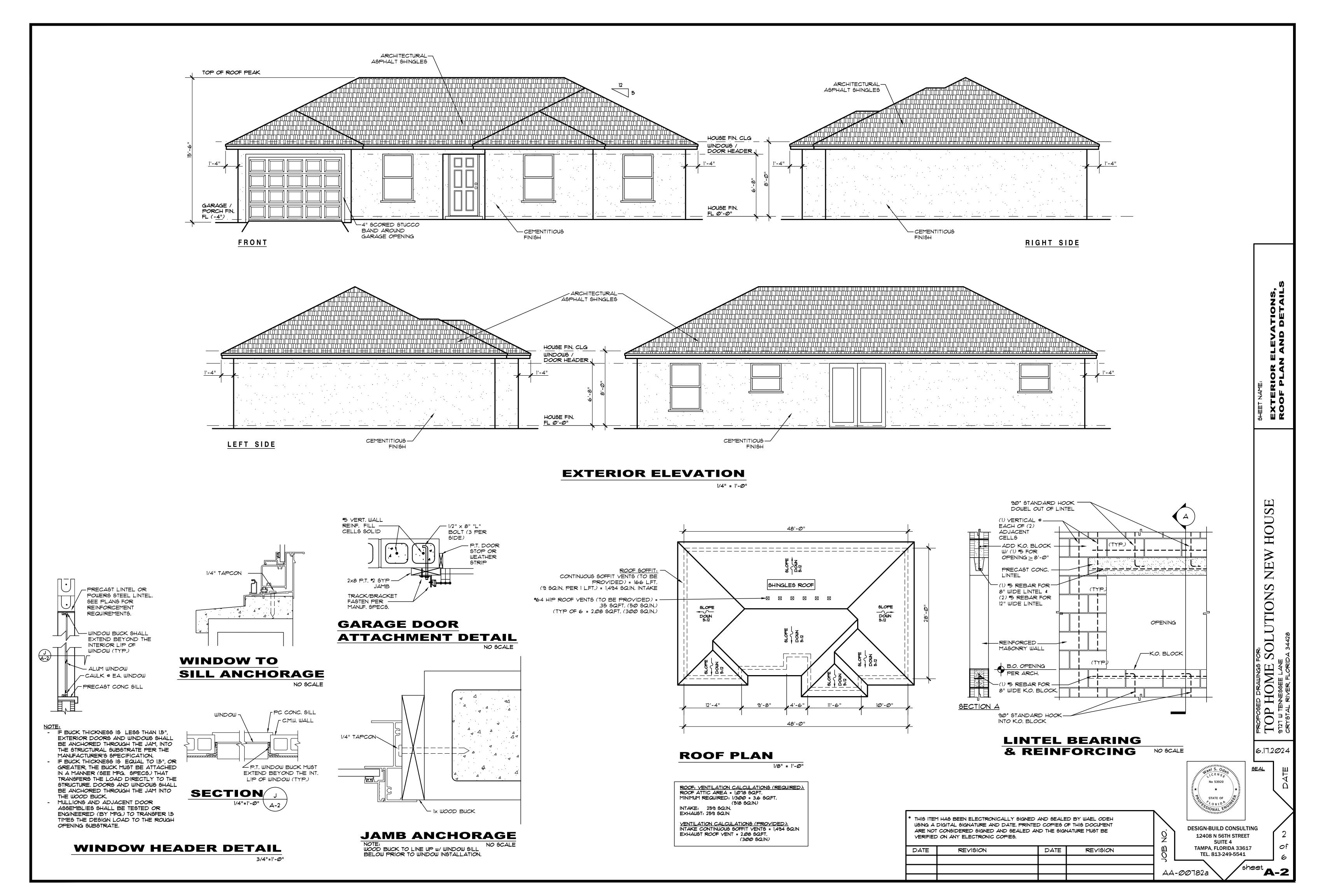
**DESIGN-BUILD CONSULTING 12408 N 56TH STREET** TAMPA, FLORIDA 33617

TEL. 813-249-5541

sheet

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ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND SCREED. CEMENT PLASTER SHALL BE IN ACCORDANCE WITH ASTM C926. CEMENT MATERIALS SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING:

> IMASONRY CEMENT CONFORMING TO ASTM C91 TYPE M, S OR N. 2.PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I, II OR III.

3.BLENDED HYDRAULIC CEMENT CONFORMING TO ASTM C595 TYPE IP, IS(S 70), IL OR IT(S 70). 4.HYDRAULIC CEMENT CONFORMING TO ASTM CII5T TYPE GU, HE, MS, HS OR MH. 5.PLASTER (STUCCO) CEMENT CONFORMING TO ASTM C1328.

THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET FORTH IN TABLE RTØ2.1(3).

1.5 "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE ANSI/ TPI 1-2014 EDITION.

2) DESIGN CRITERIA: 2.1 DWELLING FLOORS - 40 PSF LIVE LOAD 20 PSF DEAD LOAD

2.3 WALKWAYS - 80 PSF LIVE LOAD + 10 PSF DEAD LOAD 2.4 SHINGLE ROOF - 20 PSF LIVE LOAD + 17 PSF DEAD LOAD (7 PSF T/C & 10 PSF B/C)+ DURATION FACTOR = 1.25 TILE ROOF - 20 PSF LIVE LOAD + 25 PSF DEAD LOAD (15 PSF T/C \$ 10 PSF B/C)+ DURATION FACTOR = 1.25

ENCLOSED Bldg., EXPOSURE "C" PRESSURE COEFF. = Ø.18± COMPONENTS & CLADDING = SEE SHEET A-1

22 BALCONIES - 60 PSF LIVE LOAD + 10 PSF DEAD LOAD

26 NET UPLIFT DEAD LOADS 10 PSF SHINGLE: 15 PSF TILE.

2.5 WIND - 145-MPH. 3-SECOND GUST PER ASCE 7-10 FOR CATEGORY 2

3.1 MINIMUM ALLOWABLE SOIL PRESSURE 2000 PSF, ASSUMED.

4) CONCRETE:

4.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS: 3000 PSI (NORMAL WEIGHT). 4.2 REINFORCING BARS: ASTM A615 (GRADE 40). 4.3 WELDED WIRE FABRIC (WWF): ASTM A185.

4.4 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 315.

4.5 CONCRETE COVERAGE OF REINFORCEMENT: FOOTINGS 3" BOTTOM AND SIDES. 4.6 EARTH SUPPORTED SLABS: (INCLUDING EXTERIOR WALK AND DRIVE SLABS) 3 1/2" THICK MIN., REINFORCED WITH 6X6 - WI.4 X WI.4 WWF AT MID-DEPTH OF SLAB. FIBERMESH MAY BE USED IN LIEU OF WWF AT CONTRACTOR'S OPTION.

4.1 CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS. 4.8 LAP SPLICE SHALL BE AS FOLLOWS: #5 BAR 25", #4 BAR 20", #3 BAR 15".

5) MASONRY:

5.1 DESIGN AND CONSTRUCTION SHALL CONFORM TO THE SPECIFICATION OF THE NATIONAL CONCRETE

MASONRY ASSOCIATION AND ACI 530. 5.2 MINIMUM MASONRY UNIT STRENGTH: F'm 1350 PSI.

5.3 MORTAR SHALL BE TYPE S. 5.4 ALL BLOCK CELLS AND CAVITIES BELOW SLAB SHALL BE FILLED WITH CONCRETE WHEN STEM WALL

IS GREATER THAN 24" TALL ABOVE GRADE. 5.5 FILL CELLS W/ (1) \*5 BAR SHALL BE LOCATED @ 8'- O" O/C MAX, AT EACH CORNER AND EACH SIDE OF OPENINGS GREATER THAN OR EQUAL TO 6'-0".

6.1 WOOD - WITH THE EXCEPTION OF STUDS, STRUCTURAL FRAMING MEMBERS SHALL BE \*2 SOUTHERN YELLOW PINE (SYP) WITH AN ALLOWABLE BENDING STRESS (Fb) = 1200 PSI AND A MODULUS OF ELASTICITY = 1,600,000 PSI.

WALL STUDS SHALL BE CONSTRUCTION GRADE SPRUCE PINE FIR (SPF) @ 16" ON CENTER. 6.2 DESIGN, FABRICATE AND ERECT WOOD TRUSSES IN ACCORDANCE WITH THE "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE, ANSI/ TPI 1-1995 EDITION,

6.3 ALL EXPOSED WOOD OR WOOD IN CONTACT WITH EARTH OR CONCRETE TO BE PRESSURE TREATED.

6.4 ROOF SHEATHING: (APA RATED EXPOSURE 1) 1/2" PLYWOOD OR 7/16" OSB MINIMUM SHINGLES OR TILE 6.5 UNTREATED WOOD SHALL NOT BE IN DIRECT CONTACT WITH CONCRETE. SEAT PLATES SHALL BE PROVIDED

AT BEARING LOCATIONS WITHOUT WOODEN TOP PLATES.

7) FLASHING: 7.1 ASPHALT SHINGLES:

BASE FLASHING SHALL BE 26 GAGE (0.019") GALVANIZED STEEL, OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 17 16 PER 100 Sq. Ft. CAP FLASHING SHALL BE 26 GAGE (0.019") GALVANIZED STEEL.

7.1.1 BASE & CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. APPLYING ASPHALT SHINGLES, VALLEY LINING OF THE FOLLOWING TYPES SHALL BE PERMITTED. 7.1.2.1 FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE 26 GAGE (0.019") GALV. STEEL. FOR OPEN VALLEYS, VALLEY LINING OF TWO-PLIES OF MINERAL SURFACE ROLL ROOFING IS PERMITTED. THE

7.1.2 VALLEY LINING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE BASE LAYER SHALL BE 18" AND THE TOP LAYER SHALL BE AT LEAST 36" WIDE. 7.1.2.2 FOR CLOSED VALLEYS (COVERED WITH SHINGLES) VALLEY LINING SHALL BE ONE OF THE FOLLOWING: - ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36" WIDE AND COMPLYING WITH ASTM D 224, OR

- SPECIALTY UNDERLAYMENT AT LEAST 36" WIDE AND COMPLYING WITH ASTM D 1970.

8) DOORS & WINDOWS:

8.1 ALL EXTERIOR WINDOWS AND GLASS DOORS ARE REQUIRED TO BE TESTED IN ACCORDANCE WITH ANSI/AMMA/NUWDA 101/162 STANDARD AND BEAR AN AMMA OR WDMA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTITY

ACHIEVE THE DESIGN PRESSURE SPECIFIED BELOW. 8.3 IF BUCK THICKNESS IS LESS THAN 1.5", EXTERIOR DOORS AND WINDOWS SHALL BE ANCHORED

THROUGH THE JAM, INTO THE STRUCTURAL SUBSTRATE PER THE MANUFACTURER'S SPECIFICATIONS. 82 ALL EXTERIOR WINDOWS AND DOORS SHALL BE ANCHORED PER PUBLISHED MANUFACTURER'S RECOMMENDATION TO

8.4 IF BUCK THICKNESS IS EQUAL TO 1.5", OR GREATER, THE BUCK MUST BE ATTACHED IN A MANNER (SEE MFG. SPECS.) THAT TRANSFERS THE LOAD DIRECTLY TO THE STRUCTURE. WINDOWS AND DOORS SHALL BE ANCHORED THROUGH THE JAM INTO THE WOOD BUCK.

8.5 MULLIONS AND ADJACENT DOOR ASSEMBLIES SHALL BE TESTED OR ENGINEERED (BY THE MFG.) TO TRANSFER 1.5 TIMES THE DESIGN LOAD TO THE ROUGH OPENING SUBSTRATE.

9) INSPECTIONS:

9.1 FOUNDATION INSPECTIONS A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY

SHALL BE ON SITE FOR THE BUILDING INSPECTOR'S USE. OR, ALL PROPERTY MARKERS SHALL BE EXPOSED

AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

92 FRAMING INSPECTIONS

ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE,

INSPECTED, AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION.

10) MICRO-LAM LUMBER:

10.1 MICRO-LAM STRESS GRADES SHALL PROVIDE THE FOLLOWING MINIMUM

PROPERTIES:

E = 2,000,000 PSI

Fb = 2,800 PSI Ft = 1,850 PSI

500 PSI (PERPENDICULAR) Fc = 2,700 PSI (PARALLEL)

Fv = 285 PSI

11) PLASTERING SPECIFICATIONS FROM THE 2023 RESIDENTIAL FRC SECTION 703.7.

RTØ3.7 EXTERIOR PLASTER.

INSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C 929 AND ASTM C 1063 OR ASTM C1787 AND THE PROVISIONS OF THIS CODE. R703.7.1 LATH:

LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 11/2-INCH-LONG (38 MM), 11 GAGE NAILS HAVING A 7/16-INCH (11.1 MM) HEAD, OR 11/2-INCH-LONG (22.2 MM), 16 GAGE STAPLES, SPACED IN ACCORDANCE WITH ASTM C1063 OR CITIST. OR AS OTHERWISE APPROVED.

RTØ3.7.2 PLASTER : PLASTERING WITH CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER ANY TYPE OF CODE-APPROVED LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE DIRECTLY APPLIED OVER MASONRY, CONCRETE, CLAY BRICK, STONE OR TILE. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN TABLE RT02.1(1).

UNDERLAYMENT NOTES:

SPECIFICATIONS FROM THE 2023 FRC SECTION 905.1.1 R905.1.1 UNDERLAYMENT APPLICATION.

UNDERLAYMENT FOR ROOF SLOPES 2:12 AND GREATER SHALL CONFORM TO THE APPLICABLE STANDARDS LISTED IN THIS CHAPTER UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED. UNDERLAYMENT FOR ROOF SLOPES 2:12 AND GREATER SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH SECTION R905.1.1.1, R905.1.1.2 OR R905.1.1.3, AS APPLICABLE.

R905.1.1.1 UNDERLAYMENT FOR ASPHALT, METAL, MINERAL SURFACED, SLATE AND SLATE-TYPE ROOF COVERINGS

UNDERLAYMENT FOR ASPHALT SHINGLES, METAL ROOF SHINGLES, MINERAL SURFACED ROLL ROOFING, SLATE AND SLATE-TYPE SHINGLES, AND METAL ROOF PANELS SHALL COMPLY WITH ONE OF THE FOLLOWING METHODS:

I.THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER-MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 INSTALLED IN ACCORDANCE WITH BOTH THE UNDERLAYMENT MANUFACTURER'S AND ROOF COVERING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DECK MATERIAL, ROOF VENTILATION CONFIGURATION AND CLIMATE EXPOSURE FOR THE ROOF COVERING TO BE INSTALLED.

EXCEPTION: AN EXISTING SELF-ADHERING MODIFIED BITUMEN UNDERLAYMENT THAT HAS BEEN PREVIOUSLY INSTALLED OVER THE ROOF DECKING AND WHERE IT IS REQUIRED, RENAILING OFF THE ROOF SHEATHING IN ACCORDANCE WITH SECTION R908.7.1 CAN BE CONFIRMED OR VERIFIED. AN APPROVED UNDERLAYMENT IN ACCORDANCE WITH TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING SHALL BE APPLIED OVER THE ENTIRE ROOF OVER THE EXISTING SELF-ADHERED MODIFIED BITUMEN UNDERLAYMENT.

2.4 MINIMUM 4-INCH-WIDE (102 MM) STRIP OF SELF-ADHERING POLYMER-MODIFIED BITUMEN MEMBRANE COMPLYING WITH ASTM D1970, INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR THE DECK MATERIAL, SHALL BE APPLIED OVER ALL JOINTS IN THE ROOF DECKING. AN APPROVED UNDERLAYMENT IN ACCORDANCE WITH TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING SHALL BE APPLIED OVER THE ENTIRE ROOF OVER THE 4-INCH-WIDE (102 MM) MEMBRANE STRIPS.

EXCEPTION: A SYNTHETIC UNDERLAYMENT THAT IS APPROVED AS AN ALTERNATIVE TO UNDERLAYMENT COMPLYING WITH ASTM D226 TYPE II AND HAVING A MINIMUM TEAR STRENGTH OF 15 LBF IN ACCORDANCE WITH ASTM D4533 AND A MINIMUM TENSILE STRENGTH OF 20 LBF/INCH IN ACCORDANCE WITH ASTM D5035 SHALL BE PERMITTED TO BE APPLIED OVER THE ENTIRE ROOF OVER THE 4-INCH-WIDE (102 MM) MEMBRANE STRIPS. THIS UNDERLAYMENT SHALL BE INSTALLED AND ATTACHED IN ACCORDANCE WITH THE UNDERLAYMENT ATTACHMENT METHODS OF TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING AND SLOPE AND THE UNDERLAYMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

3.4 MINIMUM 33/4-INCH WIDE (96 MM) STRIP OF SELF-ADHERING FLEXIBLE FLASHING TAPE COMPLYING WITH AAMA 711, LEVEL 3 34FOR EXPOSURE UP TO 176°F (80°C)76, INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR THE DECK MATERIAL. SHALL BE APPLIED OVER ALL JOINTS IN THE ROOF DECKING. AN APPROVED UNDERLAYMENT IN ACCORDANCE WITH TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING SHALL BE APPLIED OVER THE ENTIRE ROOF OVER THE 4-INCH-WIDE (102 MM) FLASHING STRIPS.

EXCEPTION: A SYNTHETIC UNDERLAYMENT THAT IS APPROVED AS AN ALTERNATIVE TO UNDERLAYMENT COMPLYING WITH ASTM D226 TYPE II AND HAVING A MINIMUM TEAR STRENGTH OF 15 LBF IN ACCORDANCE WITH ASTM D4533 AND A MINIMUM TENSILE STRENGTH OF 20 LBF/INCH IN ACCORDANCE WITH ASTM D5035 SHALL BE PERMITTED TO BE APPLIED OVER THE ENTIRE ROOF OVER THE 4-INCH-WIDE (102 MM) FLASHING STRIPS. THIS UNDERLAYMENT SHALL BE INSTALLED AND ATTACHED IN ACCORDANCE WITH THE UNDERLAYMENT ATTACHMENT METHODS OF TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING AND SLOPE AND THE UNDERLAYMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

4.TWO LAYERS OF ASTM D226 TYPE II OR ASTM D4869 TYPE III OR TYPE IV UNDERLAYMENT SHALL BE INSTALLED AS FOLLOWS: APPLY A 19-INCH (483 MM) STRIP OF UNDERLAYMENT FELT PARALLEL TO AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36-INCH-WIDE (914 MM) SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19 INCHES (483 MM) END LAPS SHALL BE 6 INCHES AND SHALL BE OFFSET BY 6 FEET. THE UNDERLAYMENT SHALL BE ATTACHED TO A NAILABLE DECK WITH CORROSION-RESISTANT FASTENERS WITH ONE ROW CENTERED IN THE FIELD OF THE SHEET WITH A MAXIMUM FASTENER SPACING OF 12 MM) O.C., AND ONE ROW AT THE END AND SIDE LAPS FASTENED 6 INCHES (152 MM) O.C. UNDERLAYMENT SHALL BE ATTACHED USING ANNULAR RING OR DEFORMED SHANK NAILS WITH METAL OR PLASTIC CAPS WITH A NOMINAL CAP DIAMETER OF NOT LESS THAN 1 INCH. METAL CAPS ARE REQUIRED WHERE THE ULTIMATE DESIGN WIND SPEED, VULT, EQUALS OR EXCEEDS 170 MPH. METAL CAPS SHALL HAVE A THICKNESS OF NOT LESS THAN 32-GAGE SHEET METAL. POWER-DRIVEN METAL CAPS SHALL HAVE A MINIMUM THICKNESS OF P.P.ID INCH. MINIMUM THICKNESS OF THE OUTSIDE EDGE OF PLASTIC CAPS SHALL BE 0.035 INCH. THE CAP NAIL SHANK SHALL BE NOT LESS THAN 0.083 INCH FOR RING SHANK CAP NAILS. CAP NAIL SHANK SHALL HAVE A LENGTH SUFFICIENT TO PENETRATE THROUGH THE ROOF SHEATHING OR NOT LESS THAN 3/4 INCH INTO THE ROOF SHEATHING.

5.TWO LAYERS OF A REINFORCED SYNTHETIC UNDERLAYMENT THAT HAS A PRODUCT APPROVAL AS AN ALTERNATIVE TO UNDERLAYMENT COMPLYING WITH ASTM D226 TYPE II SHALL BE PERMITTED TO BE USED. SYNTHETIC UNDERLAYMENT SHALL HAVE A MINIMUM TEAR STRENGTH OF 15 LBF IN ACCORDANCE WITH ASTM D4533 AND A MINIMUM TENSILE STRENGTH OF 20 LBF/INCH IN ACCORDANCE WITH ASTM D5035, AND SHALL MEET THE LIQUID WATER TRANSMISSION TEST OF SECTION 8.6 OF ASTM D4869. SYNTHETIC UNDERLAYMENT SHALL BE INSTALLED AS FOLLOWS: APPLY A STRIP OF SYNTHETIC UNDERLAYMENT THAT IS HALF THE WIDTH OF A FULL SHEET PARALLEL TO AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY FULL SHEETS OF REINFORCED SYNTHETIC UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS HALF THE WIDTH OF A FULL SHEET PLUS THE WIDTH OF THE MANUFACTURER'S SINGLE-PLY OVERLAP. END LAPS SHALL BE 6 INCHES AND SHALL BE OFFSET BY 6 FEET. SYNTHETIC UNDERLAYMENT SHALL BE ATTACHED TO A NAILABLE DECK WITH CORROSION-RESISTANT FASTENERS WITH A MAXIMUM FASTENER SPACING, MEASURED HORIZONTALLY AND VERTICALLY, OF 12 INCHES (305 MM) O.C. BETWEEN SIDE LAPS, AND ONE ROW AT THE END AND SIDE LAPS FASTENED 6 INCHES (152 MM) O.C. SYNTHETIC UNDERLAYMENT SHALL BE ATTACHED USING ANNULAR RING OR DEFORMED SHANK NAILS WITH METAL OR PLASTIC CAPS WITH A NOMINAL CAP DIAMETER OF NOT LESS THAN I INCH. METAL CAPS ARE REQUIRED WHERE THE ULTIMATE DESIGN WIND SPEED, YULT, EQUALS OR EXCEEDS 170 MPH. METAL CAPS SHALL HAVE A THICKNESS OF NOT LESS THAN 32-GAGE SHEET METAL. POWER-DRIVEN METAL CAPS SHALL HAVE A MINIMUM THICKNESS OF Ø.ØIØ INCH. MINIMUM THICKNESS OF THE OUTSIDE EDGE OF PLASTIC CAPS SHALL BE 0.035 INCH. THE CAP NAIL SHANK SHALL BE NOT LESS THAN 0.083 INCH FOR RING SHANK CAP NAILS. CAP NAIL SHANK SHALL HAVE A LENGTH SUFFICIENT TO PENETRATE THROUGH THE ROOF SHEATHING OR NOT LESS THAN 3/4 INCH INTO THE ROOF SHEATHING.

R905.2.4 ROOF ASPHALT SHINGLES.

ASPHALT SHINGLES SHALL COMPLY WITH ASTM D3462.

WALL SHEATHING NOTE:

WALL SHEATHING TO BE APA RATED 1/2" PLYWOOD OR 7/16" OSB SHEATHING WITH EXPOSURE DESIGNATION. ATTACH TO STUD W/ 8D NAILS AT 6" O.C. EDGES, 12" O.C. FIELD

## CHEMICAL SOIL TREATMENT FOR TERMITES

R3IS.I TERMINATE PROTECTION WILL BE DONE BY REGISTERED TERMITICIDES, INLCLUDING SOIL APPLIED PESTICIDES, BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION, A CERTIFICATE OF COMPLIANCE MUST BE ISSED 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 TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE COMPLETE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

R318.1.1 INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAYATION AND BACKFILL 16 COMPLETE.

R318.12 SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RE-TREATED INCLUDING SPACED BOXED OR FORMED.

R318.1.3 BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE & DEPTH THAT WILL ELIMINATE THE DISTRURBANCE OF SOIL AFTER THE INITIAL TREATMENT.

R318.1.4 MINIMUM 10-MIL. VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED.

R318.1.5 CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMTER MUST BE REMOVED BEFORE EXTERIOR TREATMENT.

R318.1.6 SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS, VERTICAL CHEMICAL BARRIER MUST BE APPLIED RIGHT AFTER CONSTRUCTION IS COMPLETE, INCLUDING INITIAL LANDSCAPING AND IRRIGATION/SPRINKLER INSTALLATION. SOIL DISTURBED SHALL BE RETREATED.

R318.1.7 IF TERMITICIDE IS REGISTRATED AS A BAIT SYSTEM, A SIGNED CONTRACT ASSURING THE INSTALLATION, MAINTENANCE AND MONOITORING OF THE BAITING SYSTEM FOR A MINIMUM OF FIVE YEARS FROM THE ISSUE OF THE C.O. SHALL BE PROVIDED TO THE BUILDING OFFICIAL PROIR TO THE POURING OF THE SLAB AND THE SYSTEM MUST BE INSTALLED PRIOR TO FINAL BUILDING APPROVAL. IF THE BAITING SYSTEM REQUIRES A MONITORING SYSTEM, ONE MUST INSTALL THE MONTORING COMPONENTS BE DEEMED TO CONSTITUTE INSTALLATION OF THE SYSTEM. THIS MUST BE COMPLETED BEFORE BUILDING INSPECTION.

R318.1.8 APPLICATION OF THE WOOD TREATMENT TERMITICIDE WILL BE USED AS REQUIRED BY LABEL DIRECTIONS MUST RECIEVE APPLICATION OF A TERMITICIDE IN ANNULAR SPACE BETWEEN SLEEVE AND PIPE.

R318.2 PENETRATION. CELLULOSE CONTAINING MATERIAL MUST NOT BE USED IF PROTECTIVE SLEEVES AROUND METALILIC PIPPING PENETRATE THE CONCRETE SLAB-ON-GRADE FLOORS.

R318.3 CLEANING. CELLS, CAYATIES AND AIR GAPS MUST BE CLEENED OF ALL NONPRESEERVATIVE TREATED OR NONNAUTURALLY DURABLE WOOD, OR OTHER CELLULOSE CONTAINING MATERIAL BEFORE CONCRETE PLACEMENT.

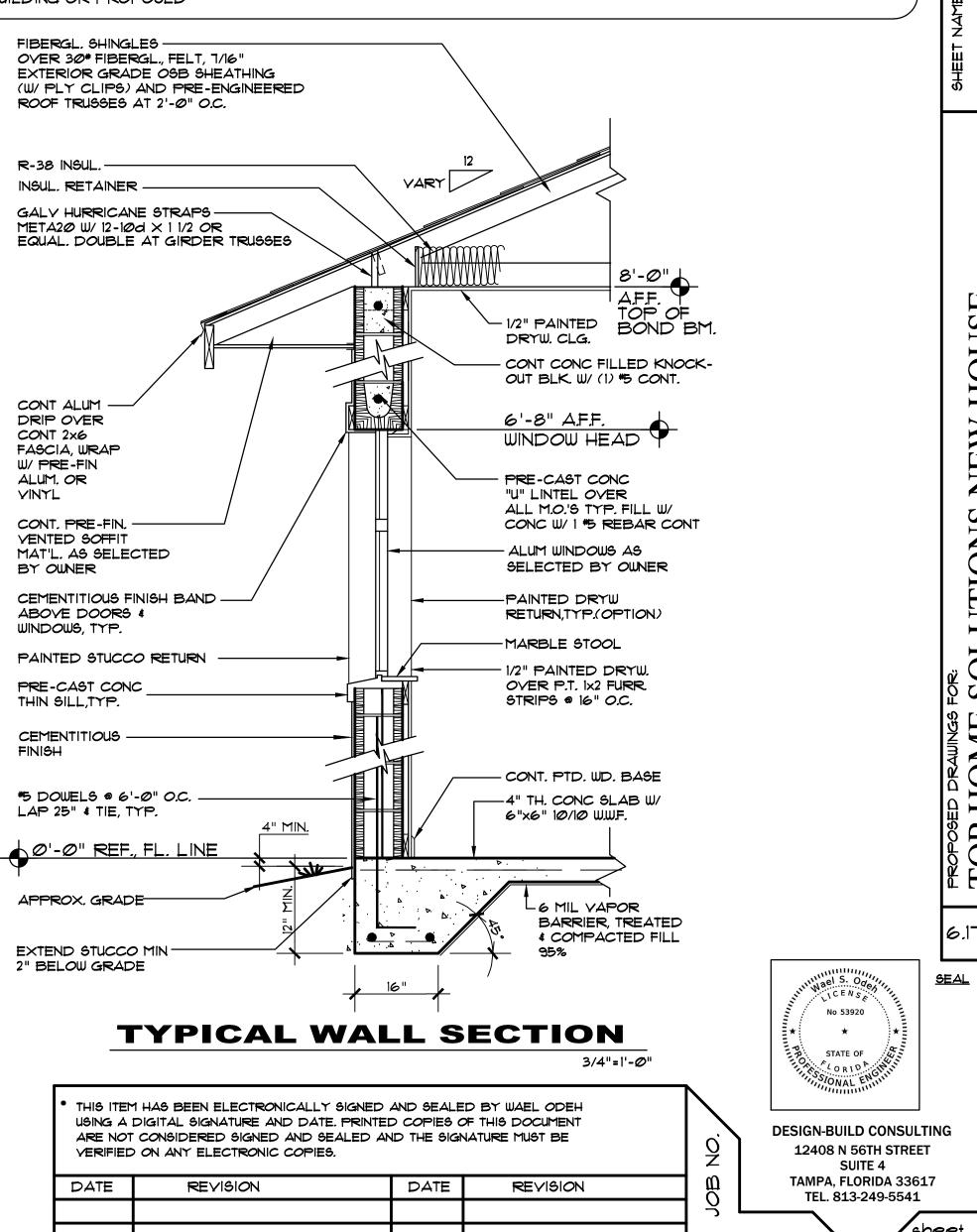
R318.4 CONCRETE BEARING LEDGE, BRICK, STONE OR OTHER VEENEER MUST BE SUPPORTED BY A BEARING LEDGE EQUAL TO OF THE TOTAL THICKNESS OF THE MATERIAL. NO SUPPLEMENTAL CONCRETE FOUNDATION POURS WILL BE USED, UNLESS AN APPROVED PHYSCIAL BARRIER. THE APPROVED PHYSICAL BARRIER WILL BE INSTALLED FROM BELOW THE WALL SILL PLATE OR FIRST BLOCK COURSE HORIZONTALLY TO EMBED IN A MORTOR JOINT, A TERMITE PROTECTIVE TREATMENT MUST BE APPLIED TO THE CAVITY IF MASONRY VENEER EXTENDS BELOW GRADE.

R318.5 PRESSURE PRESERVTIVELY TREATED WOOD AND NATURALLY TERMITE-RESISTANT WOOD WILL NOT BE SUDED AS A PHYSICAL BARRIER, UNLESS IT CAN BE INSPECTED FOR ANY TERMITE SHELTER TUBES AROUND THE INSIDE AND OUTSIDE EDGES AND JOISTS OF A BARRIER.

R318.6 FOAM PLASTIC PROTECTION. EXTRUDED AND EXPANDED POLYSTYRENE, POLY180CYANURATE AND OTHER FOAM PLASTICS ARE NOT TO BE INSTALLED ON THE EXTERIOR FACE OR UNDER INTERIOR OR EXTERIOR FOUNDATION WALLS OR SLAB FOUNDATION LOCATED BELOW GRADE. TO PROVIDE FOR INSPECTION OF TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES. EXCEPTION - PAINT OR DECORATIVE CEMENTITIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL

#### ADDITIONAL INFORMATION:

CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-O" AWAY FROM THE BUILDING SIDE WALLS, IRRIGATION/ SPRINKLER SYSTEM INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-O" OF THE BUILDING SIDE WALLS. TO PROVIDE FOR INSPECTION OF TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES. EXCEPTION - PAINT OR DECORATIVE CEMENTITIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-O" OF ANY BUILDING OR PROPOSED



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sheet

TYPICALLY, THE BOTTOM OF ALL FOOTINGS SHALL BE A MINIMUM OF 12" BELOW GRADE ACCORDING TO SECTION 1809.4 OF THE FLORIDA BUILDING CODE, (SECTION R403.1.4 OF THE RESIDENTIAL BUILDING CODE) 2023 EDITION (1TH EDITION)

## **DESIGN CRITERIA**

A) DESIGN LLOADS

ROOF LIVE LOAD: 20 PSF ROOF DEAD LOAD:

40 PSF FLOOR DEAD LOAD: PARTITION LOAD: 20 PSF

WIND LOAD: FLORIDA BUILDING CODE, 2023 (8TH EDITION) - RESIDENTIAL 145 MPH WIND SPEED

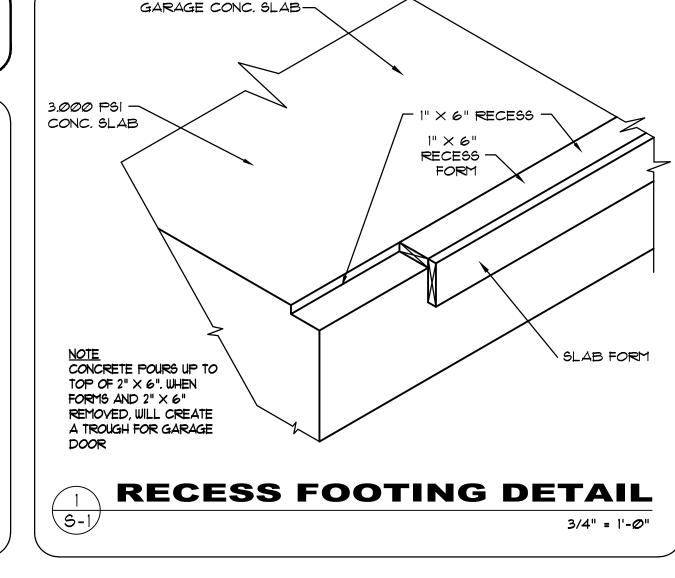
DESIGN SOIL BRG PRESSURE: 2,000 PSF (ASSUMED-TO BE VERIFIED)

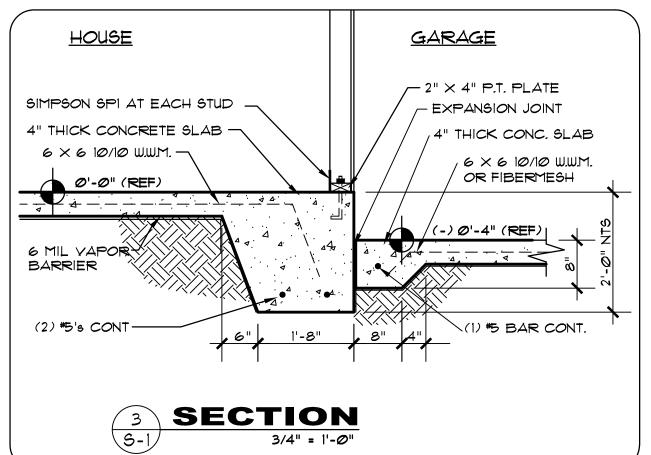
B) CONCRETE

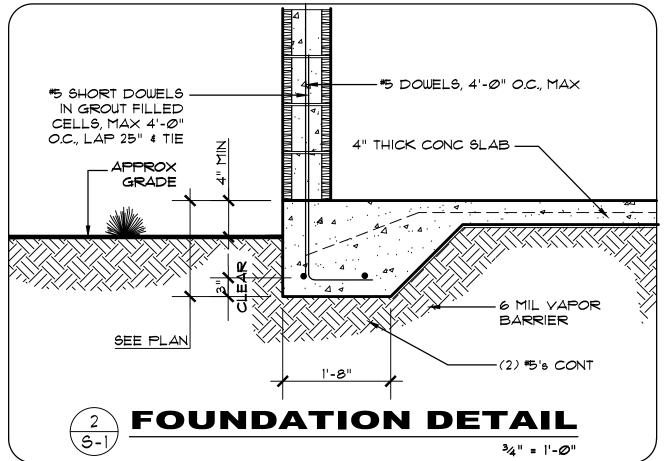
DESIGN CONCRETE STRENGTH IN 28 DAYS: 3,000 PSI REINFORCING STEEL: ASTM A615, GRADE 60

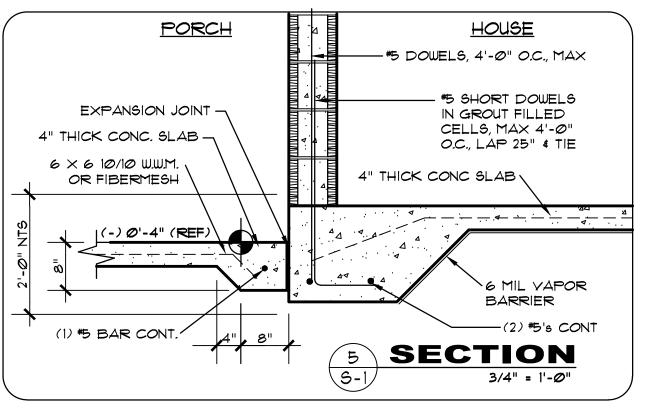
# C) NOTES:

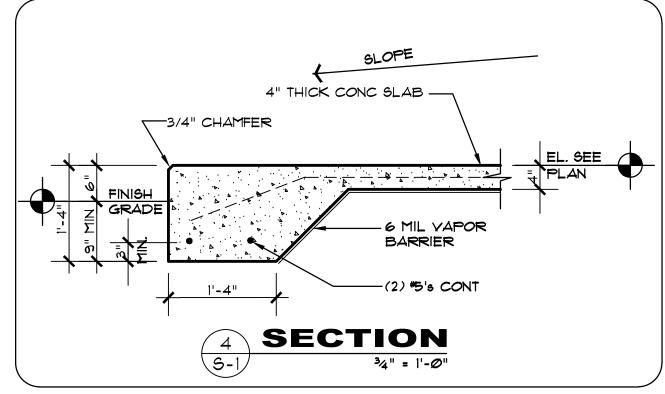
- 1. COORD WITH FLOOR PLAN FOR PLUMB FIXTURES LOCATIONS.
- 2. COORD ALL FILLED CELL LOCATIONS W/ FLOOR PLAN
- 3. CONTRACTOR SHALL INSTALL PEST CONTROL TUBING. COORDINATE WITH OWNER.
- 4. ALL FILLED CELL MEASUREMENTS ARE APPROXIMATION AND THEY ARE SHOWN HERE FOR ILLUSTRATION ONLY.

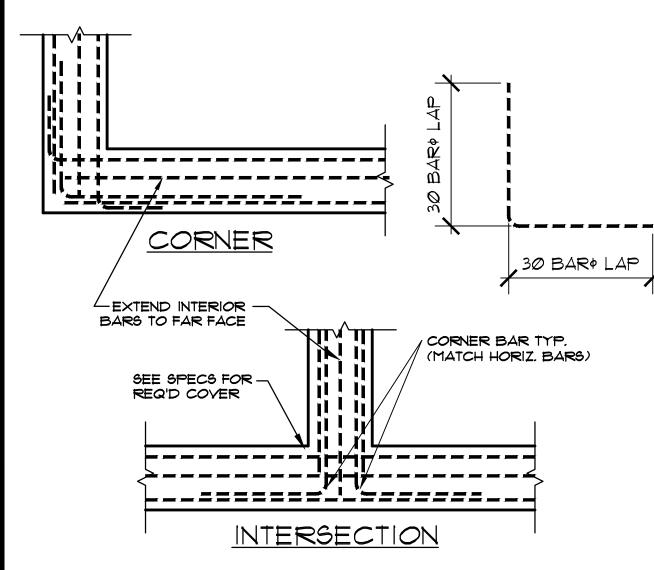


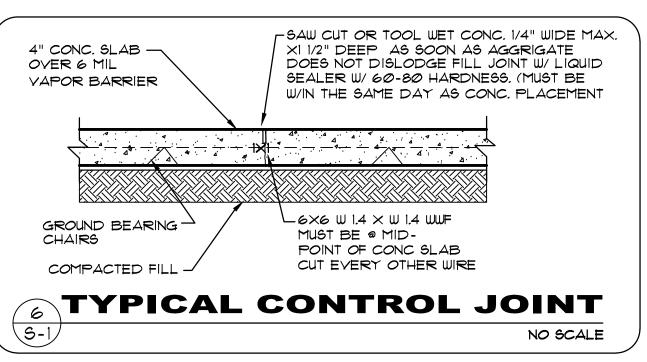


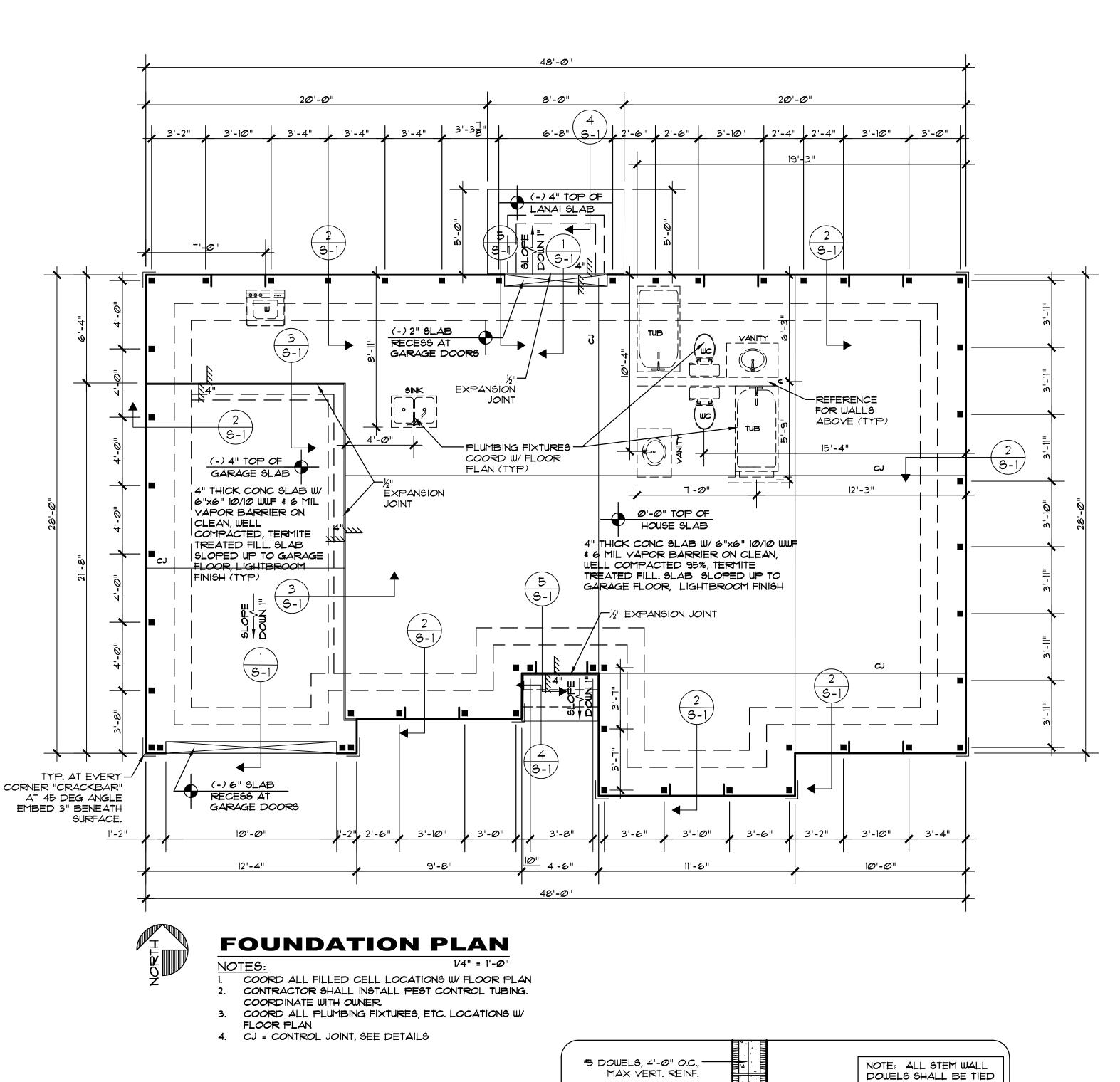




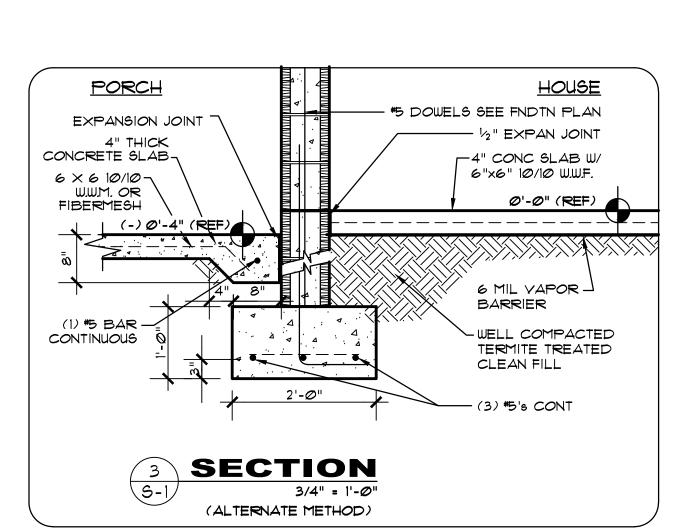


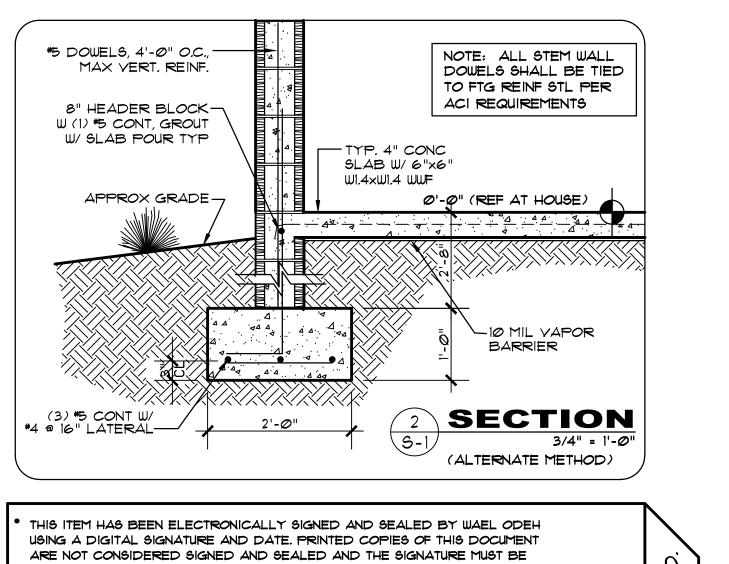






DATE





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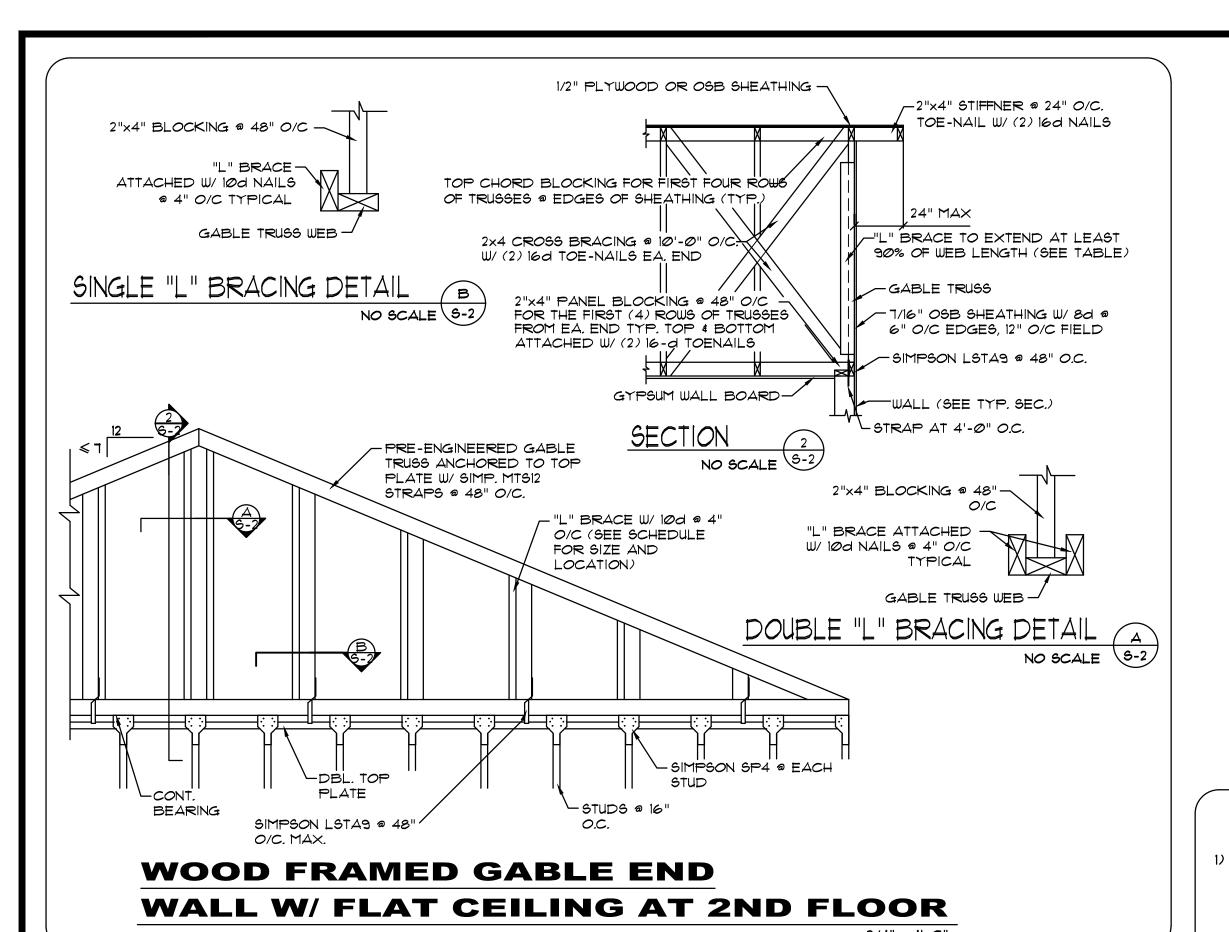
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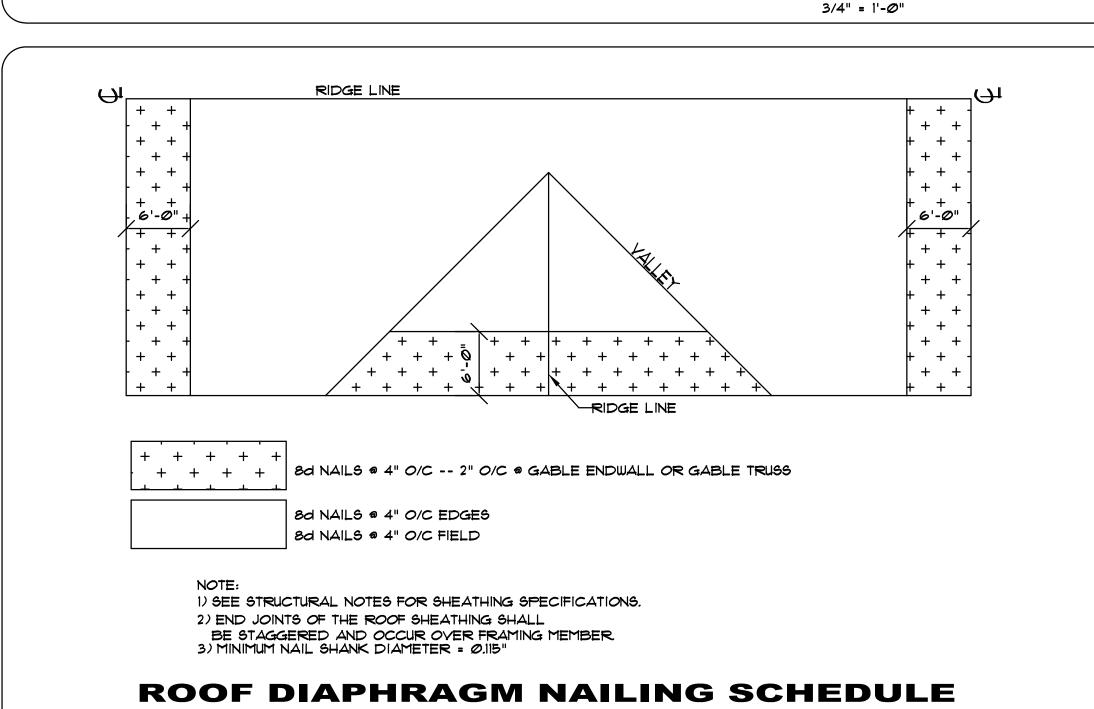
**DESIGN-BUILD CONSULTING 12408 N 56TH STREET** TAMPA, FLORIDA 33617 TEL. 813-249-5541 /sheet S-1

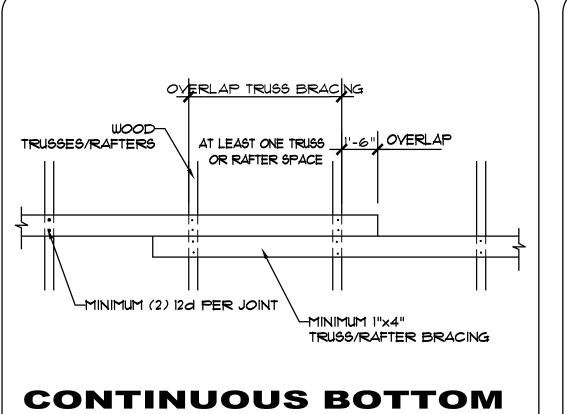
6.17.2024

**BAR DETAIL** 

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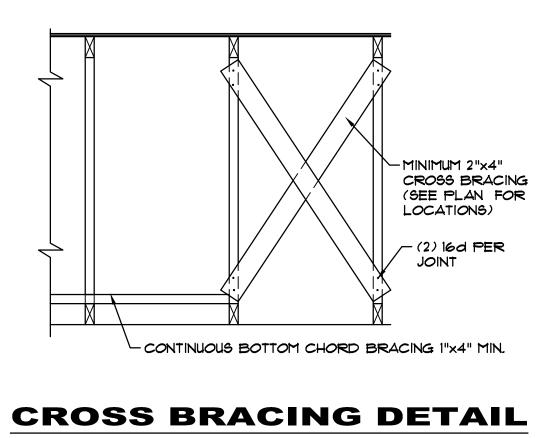






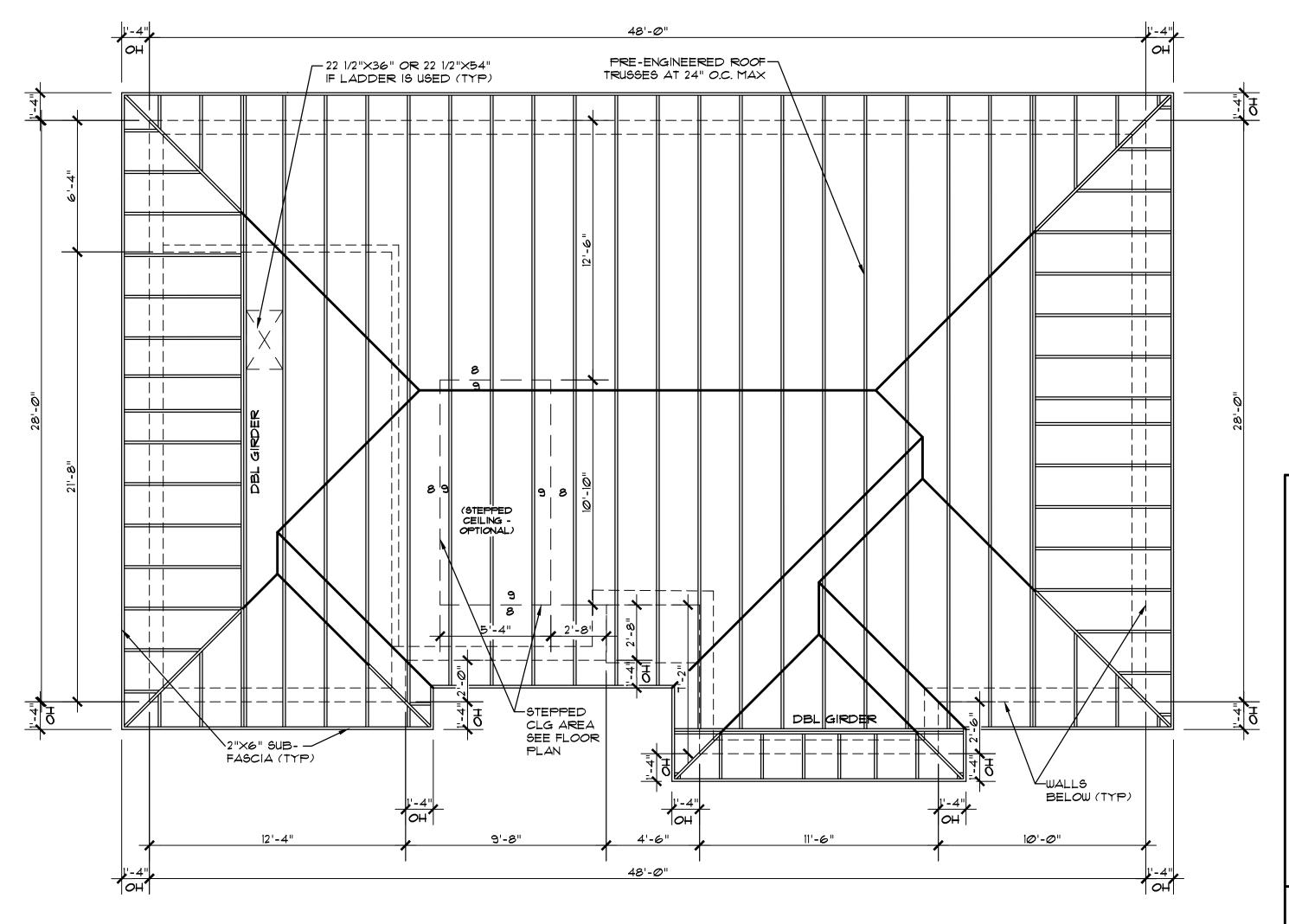
**CHORD BRACING** 

NO SCALE



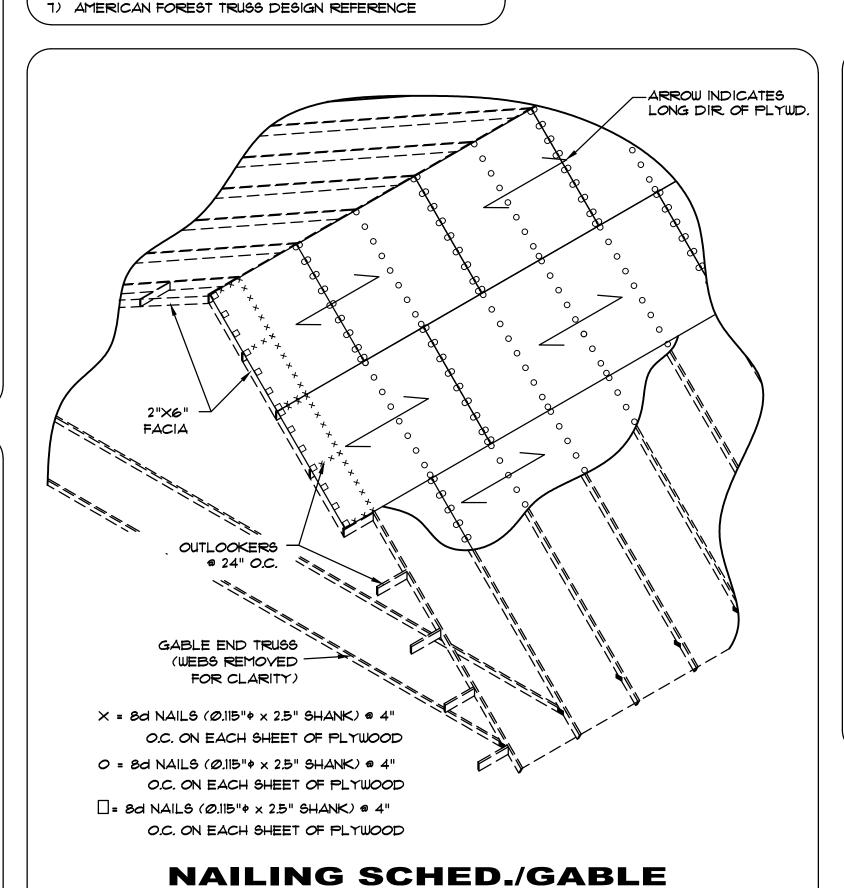
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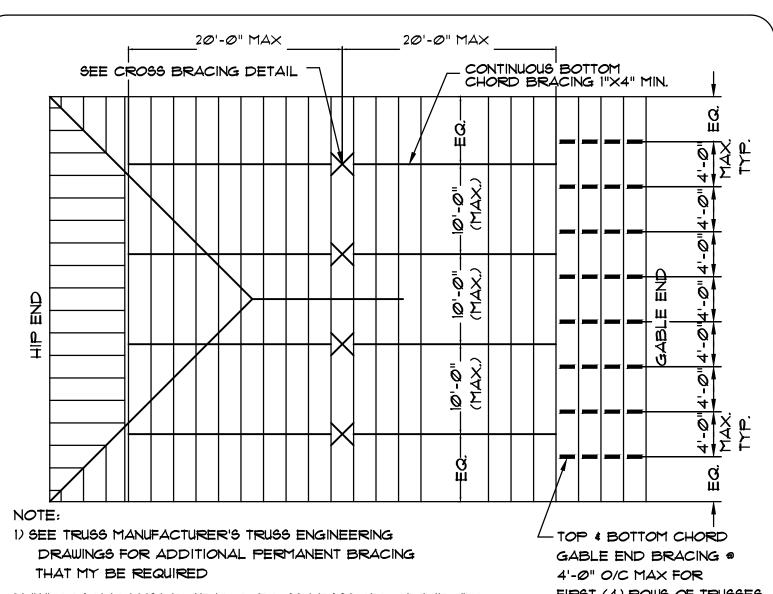
- TRUSS MANUFACTURER TO BE RESPONSIBLE FOR THE ENGINEERING AND CERTIFICATION OF THE TRUSS LAYOUT AS SHOWN AND/OR ANY DEVIATION FROM THIS SUGGESTED LAYOUT WHICH MAY BE DEEMED NECESSARY.
- 2) MANUFACTURER TO SHIP ALL TRUSSES AND CONVENTIONAL FRAMING, ABOVE TOP PLATE LINE, CUT
- 3) ALL TRUSSES MUST INCLUDE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PLANS WHEN SHIPPED TO THE JOB SITE.
- 4) ALL TRUSSES TO BE SHIPPED WITH BOLTS FOR GIRDER ASSEMBLY, BOLTS ARE TO BE SET PER ENGINEER'S RECOMMENDATION.
- 5) COLOR CODING THE ENDS OF TYPICAL TRUSSES AND LABELING PER PLANS, IS REQUIRED.
- TRUSS HANGERS:
- a. TRUSS MANUFACTURER TO SPEC OUT AND BE RESPONSIBLE FOR ALL TRUSS TO TRUSS CONNECTIONS. b. TRUSS MANUFACTURER TO DESIGN AND PROVIDE ALL HANGERS BETWEEN PRE-ENGINEERED FLOOR SYSTEM
- AND PRE-ENGINEERED GIRDERS / LYL / BEAM.





# **ROOF TRUSS FRAMING PLAN**



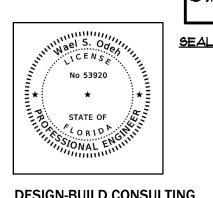


FIRST (4) ROWS OF TRUSSES

2) "T" BRACING MUST EXTEND OVER AT LEAST 85% OF THE WEB.

# MINIMUM PERMANENT TRUSS BRACING PLAN

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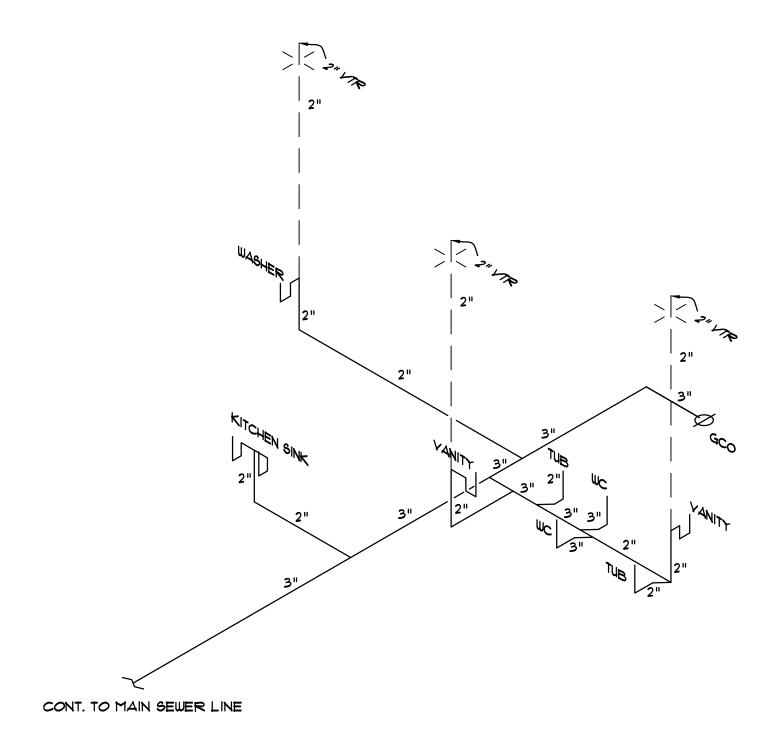
EXCEPT NOTED OTHERWISE, TRUSSES MUST BE ANCHORED TO THE SUPPORTING BLOCK WALLS W/ (1) SIMPSON HETAL20 STRAP EMBEDDED 4" INTO CONCRETE AND ATTACHED TO EACH TRUSS W/ 1.5" 100 NAILS IN ALL NAIL HOLES. TRUSSES SHALL BE ANCHORED TO THE SUPPORTED WOOD FRAMED WALLS W/ (1) SIMPSON

HTS16 STRAP w/ 1.5" 10d NAILS IN ALL NAIL HOLES. HUNG TRUSSES SHALL BE SUPPORTED ON GIRDERS W/ HANGERS SPECIFIED ON THE MANUFACTURER'S TRUSS LAYOUT. VALLEY RAFTERS SHALL BE CONNECTED TO THE SUPPORTING TRUSSES AND RIDGE BOARD W/ (1) SIMPSON H5 CLIP.

UPLIFT NOTE:

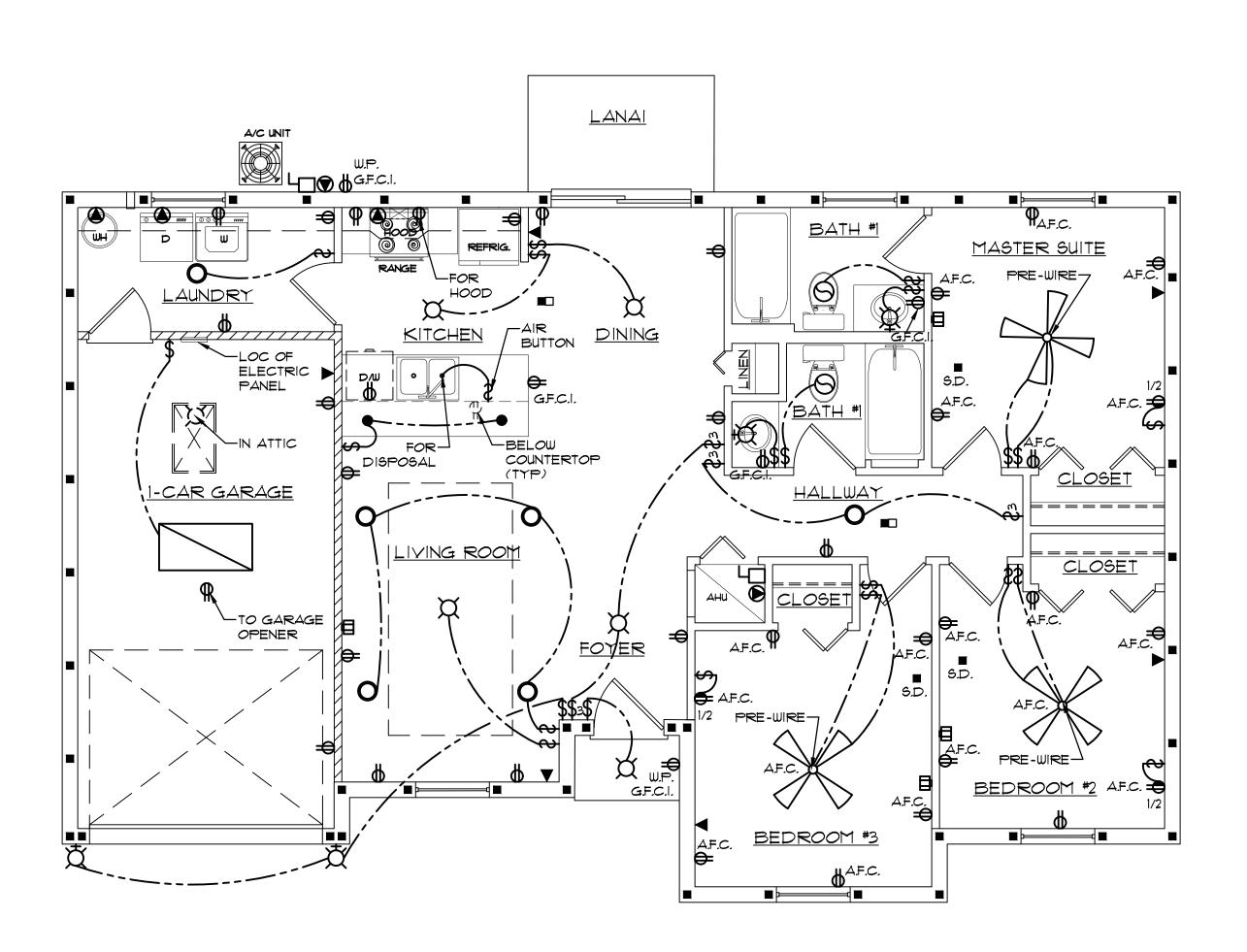
AA-ØØ7828

ELECTRICAL SYMBOL LEGEND			
SYMBOL	DESCRIPTION		
<b>⊖</b>	120V DUPLEX RECEPTACLE		
<b>⇒</b>	120Y DUPLEX FLOOR RECEPTACLE		
<b>←</b> 1/2	120V 1/2 SWITCHED DUPLEX RECEPTACLE		
⊕ G.F.C.I.	120V GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE		
<b>⊕</b> W.P.	120V WEATHER PROOF DUPLEX RECEPTACLE		
•	24ØY CIRCUIT		
\$	TOGGLE SWITCH		
\$ D	DIMMER SWITCH		
\$ 3	3 WAY TOGGLE SWITCH		
\$ 3D	3 WAY DIMMER SWITCH		
\$ 4	4 WAY TOGGLE SWITCH		
<b>■</b> 9.D.	SMOKE DETECTOR		
■□	SMOKE DETECTOR / CARBON MONOXIDE COMBO.		
<b>=</b>	INTERNET / CABLE T.V. OUTLET		
<b>◄</b>	TELEPHONE OUTLET		
0	RECESSED LIGHT FIXTURE		
•	RECESSED CAN FIXTURE MINI		
Θ	RECESSED LIGHT FIXTURE DIRECTIONAL		
¤	CEILING MOUNT LIGHT FIXTURE		
$\mathcal{X}$	ATTIC FIXTURE (PULL CHAIN)		
<del>'</del> ¤	WALL MOUNT LIGHT FIXTURE		
	EXHAUST FAN W/ LIGHT COMBO		
0	EXHAUST FAN		
ㅁ	DISCONNECT		
	FLUORESCENT 2×4		
	CEILING FAN		

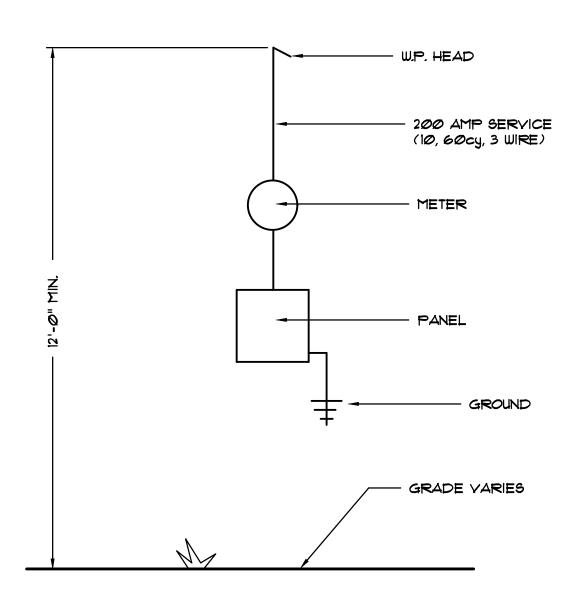


#### **WASTE AND VENT ISOMETRIC** NO SCALE

NOTES: 1) CLEANOUTS AS REQUIRED. 2) AUTOMATIC VENTING MAY BE USED IF ACCEPTED BY LOCAL CODES.







#### **ELECTRICAL SERVICE DIAGRAM** NO SCALE

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