

REAR ELEVATION

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

DESIGN PARAMETERS:	
BASIC WIND SPEED: <input type="checkbox"/> 160 MPH (3-SECOND GUST) = 124 MPH (FASTEST MILE) <input checked="" type="checkbox"/> 150 MPH (3-SECOND GUST) = 116 MPH (FASTEST MILE)	EXPOSURE CATAGORY: <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
RISK CATEGORY: <input type="checkbox"/> CATEGORY I <input checked="" type="checkbox"/> CATEGORY II	<input type="checkbox"/> CATEGORY III <input type="checkbox"/> CATEGORY IV
BUILDING OCCUPANCY CLASSIFICATION: <input type="checkbox"/> GROUP A - ASSEMBLY <input type="checkbox"/> GROUP B - BUSINESS <input type="checkbox"/> GROUP D - DAY CARE CENTER <input type="checkbox"/> GROUP E - EDUCATIONAL <input type="checkbox"/> GROUP F - FACTORY INDUSTRIAL	<input type="checkbox"/> GROUP H - HAZARDOUS <input type="checkbox"/> GROUP I - INSTITUTIONAL <input type="checkbox"/> GROUP M - MERCANTILE <input checked="" type="checkbox"/> GROUP R - RESIDENTIAL <input type="checkbox"/> GROUP S - STORAGE
BUILDING CONSTRUCTION TYPE: <input type="checkbox"/> TYPE I <input type="checkbox"/> TYPE II <input type="checkbox"/> TYPE III	<input type="checkbox"/> TYPE IV <input checked="" type="checkbox"/> TYPE V
WINDBORNE DEBRIS REGION: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES, NOT REQUIRED (EXCEMPT) <input type="checkbox"/> IMPACT RESISTANT GLAZING <input type="checkbox"/> IMPACT RESISTANT COVERING <input type="checkbox"/> COMBINATION OF IMPACT RESISTANT GLAZING & COVERING	
INTERNAL PRESSURE COEFFICIENTS: <input type="checkbox"/> 0.00 (OPEN) <input checked="" type="checkbox"/> +0.18, -0.18 (ENCLOSED)	

DOOR & WINDOWS

ALL BEDROOMS REQUIRED AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS OR KEYS PROVIDING A CLEAR OPENING OF NOT LESS THAN 30" WIDTH , 24" IN HEIGHT & 5.7 SQ. FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44" OFF THE FLOOR AND ON PART OF THE OPERATING MECHANISM SHALL BE PLACED HIGHER THAN 54" A.F.F.

THE OPERATING MECHANISM FOR SINGLE HUNG WINDOWS SHALL BE AT OR NEAR THE SILL.
MINIMUM SINGLE HUNG EGRESS WINDOW IS 5'H,25."

WINDOWS INDICATED WITH (E) MUST BE MANUFACTURED TO CONFORM TO THE BLDG. CODE W/ RESPECT TO MIN. EMERGENCY EGRESS REQUIREMENTS PER N.F.P.A. 101 CHAPTER 22-2.

BATHROOMS

BATHROOM FLOOR AND BASE SHALL BE IMPERVIOUS MATERIALS.
TILE FINISH SELECTED BY OWNER.

MIRRORS

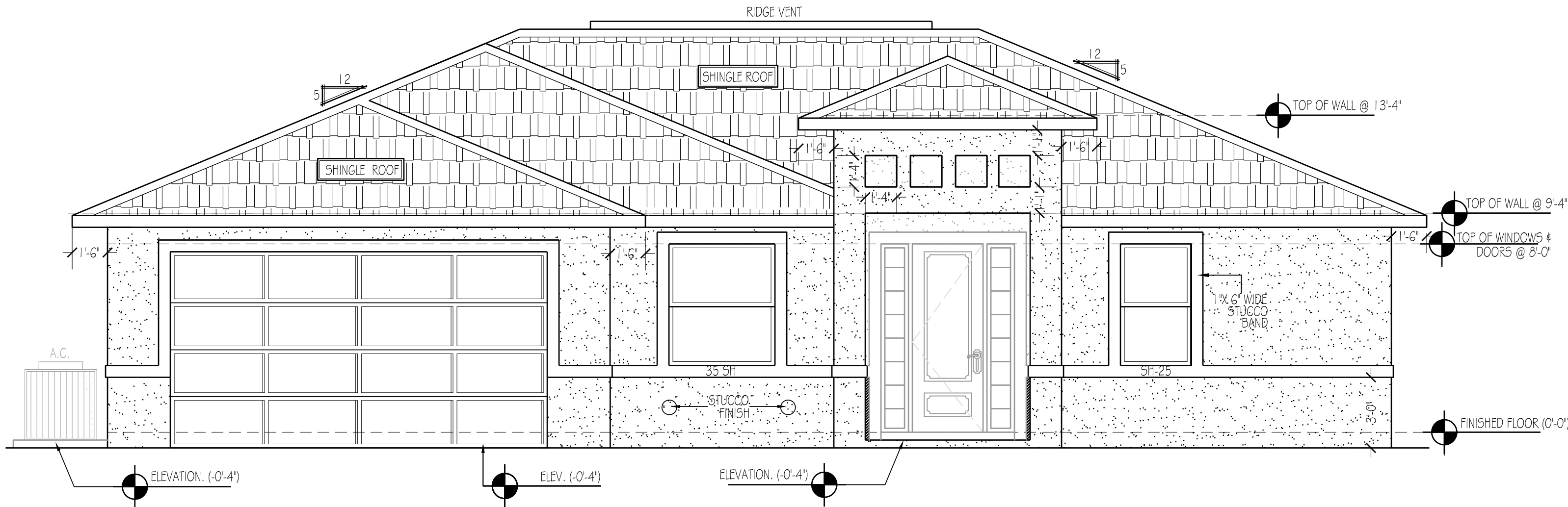
MIRRORS SHALL BE ANCHORED TO STUDS WHEN IN EXCESS OF 9.5.F.

GENERAL NOTES:

- All contractor or subcontractor shall verify all conditions and dimensions at the job site prior to commencing work. The contractor shall report all discrepancies between the drawing and existing conditions to the designer prior to commencing work.
- All details and sections shown on the drawings are intended to be typical and shall be construed to apply to any similar situation elsewhere in the work except where a different detail is shown.
- The structure is designed to be self supporting and stable after the building is complete. It is the contractor's sole responsibility to determine erection procedures and sequence to ensure safety of the building and its components during erection. this includes the addition of necessary shoring, sheeting, temporary, bracing, guys or tie downs.
- All construction must be in strict conformance with the 2020 (7th edition) of the (FBCR) florida building code, section 1609 and all other applicable amendments and codes. Buildings design is based upon A5CE 7-10 for 150 MPH wind and applicable gravity dead and live loads.
- Soil borings have not been made. Footing have been designed for allowable soil bearing pressure of 2000 PSF.
- Do not scale drawings for structural information.
- All electrical to meet current electrical (N.E.C. 2017) CODE.
- All mechanical to meet current mechanical (FBCR 2020) code.
- All plumbing to meet current plumbing (FBCR 2020) code.

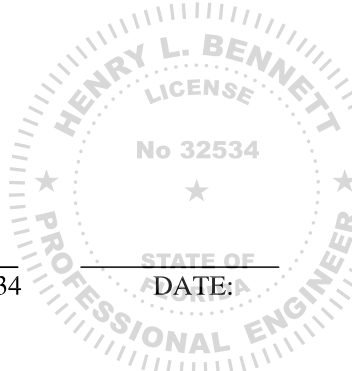
MISC. STRUCTURAL NOTES:

- All construction must be in strict conformance with the 2020 (7th edition) of the Florida building code section 1609 and all other applicable amendments and codes. Buildings design is based upon A5CE 7-10 for 150 MPH wind and applicable gravity dead and live loads.
- Soil borings have not been made. Footing have been designed for allowable soil bearing pressure of 2000 PSF.
- Concrete shall have a minimum compressive strength of 3000 PSI at 28 days. Unless noted otherwise placement shall be in accordance with ACI 318-02.
- All concrete slabs on grade shall be the thickness indicated on the drawings. Over minimum 6 MIL Polyethylene vapor barrier. Such slabs shall be reinforced with 6x6 #10/10 welded wire fabric lapped 8" at edges and ends or fibermesh.
- Fill under concrete slabs shall be clean sand or rock and free of debris and other deleterious material. Fill shall be compacted to a density of at least 95% of standard proctor maximum dry density (ASTM D 1557).
- Contractor shall build into and attach to all concrete work all insets, anchors, plates, etc., as may be required to attach other work located in cooperation with other trades and secured in position before concrete is placed.
- All steel reinforcing shall be deformed bars; grade 60 steel, free of all scale, dirt, oil, excessive rust, etc. and shall be in conformance with ASTM A615 and shall be detailed per ACI 315.
- Do not scale drawings for structural information.
- Steel reinforcement shall have the following coverage: beams, girders, and columns = 1-1/2" cover (top, bottom, sides); grade beams = 2" (3" when cast against earth); unless otherwise noted.
- Support chairs or wires shall be used for all reinforcing, spaced a maximum 5'-0" o.c. Maximum 4"x4"x3" solid bricks may be used in the foundation only.
- Lap all top steel at midspan and lap all bottom steel at supports or over masonry.
- Steel reinforcement in beams and grade beams shall have the following minimum splices: (25" for #5 bars; 30" for #6 bars; 36" for #7 bars). Filled cell #5 bars shall have a minimum lap of 30".
- Welded wire mesh (W.W.M.) shall conform to ASTM A185.
- All wood construction shall be in accordance with the National Design Specifications and the Timber Construction manual.
- Simpson connectors are specified in this design. Substitutions are permitted as long as they have a capacity equal or greater than those depicted herein. All connectors shall be dipped galvanized.
- Roof sheating shall be fastened to roof trusses per table 2304.9.1 unless shown otherwise on this plan.



I HEREBY CERTIFY THAT THE BUILDING DEPICTED IN THIS SET OF DRAWINGS WILL WITHSTAND WINDSTORM PRESSURES OF UP TO 150 MPH AS DEFINED IN THE (FBC) FLORIDA BUILDING CODE, 2020 (7th) EDITION SECTION 1609. PROVIDED THAT IT IS BUILT IN STRICT ACCORDANCE WITH THESE PLANS.

H.L. BENNETT, FLORIDA P.E. NO. 32534



REVISIONS

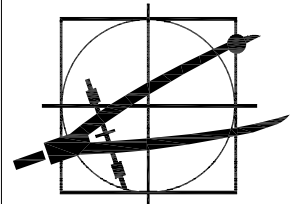
DATE

BETTER SPACES
SOUTHEAST, LLC
P.O. BOX 60062, FORT MYERS, FLA.
PH: (863) 261-3214

SHEET TITLE
COASTAL MODEL
ELEVATION PLAN

JOB SITE:
NAPLES ST. LABELLE 33935

H. L. BENNETT
& ASSOCIATES INC.
241 YEOMANS AVENUE - P.O. DRAWER 2137
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L.B. #27746

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A. PEREZ

CHECKED BY:
HLB

CLIENT:

BETTER SPACES

JOB NO.

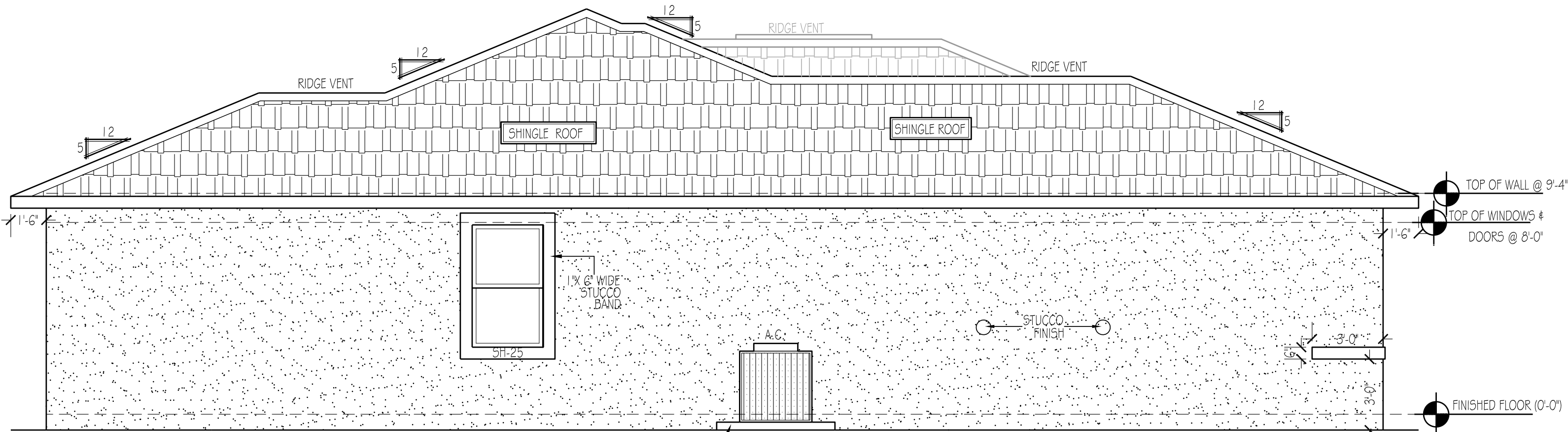
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FILE NO.

ANTUNEZ COASTAL

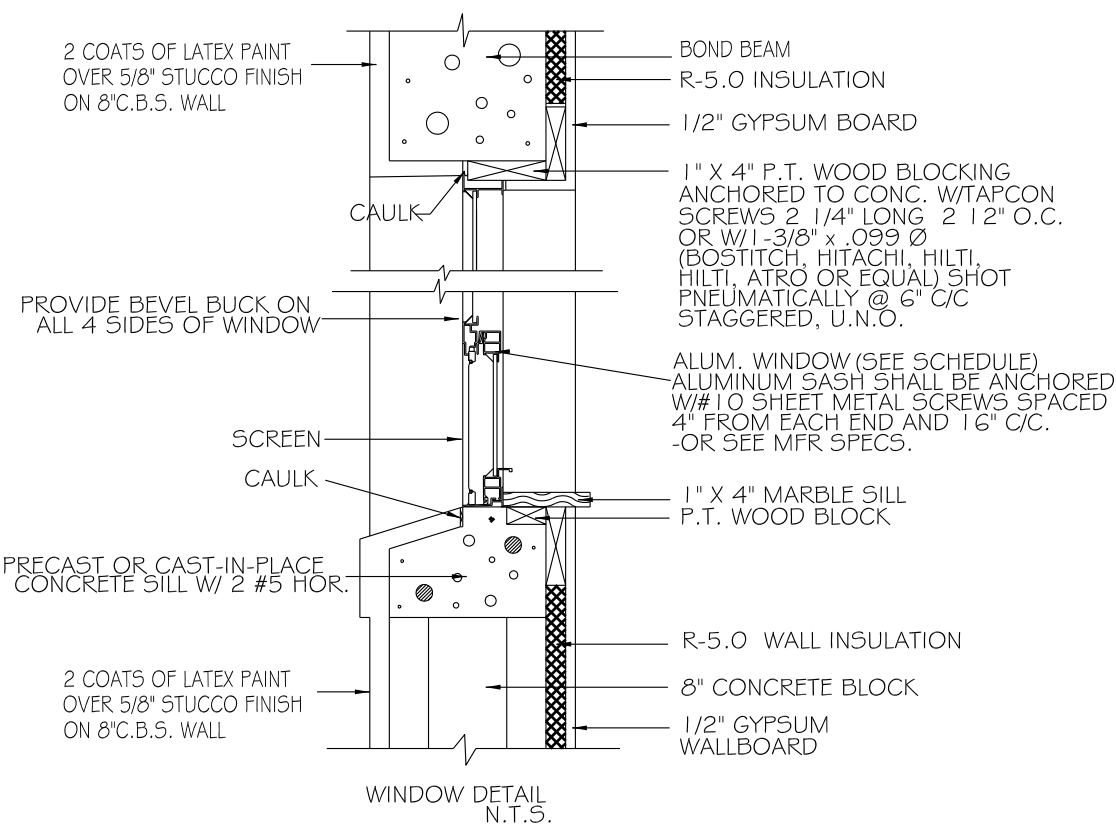
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1 OF 6



LEFT ELEVATION

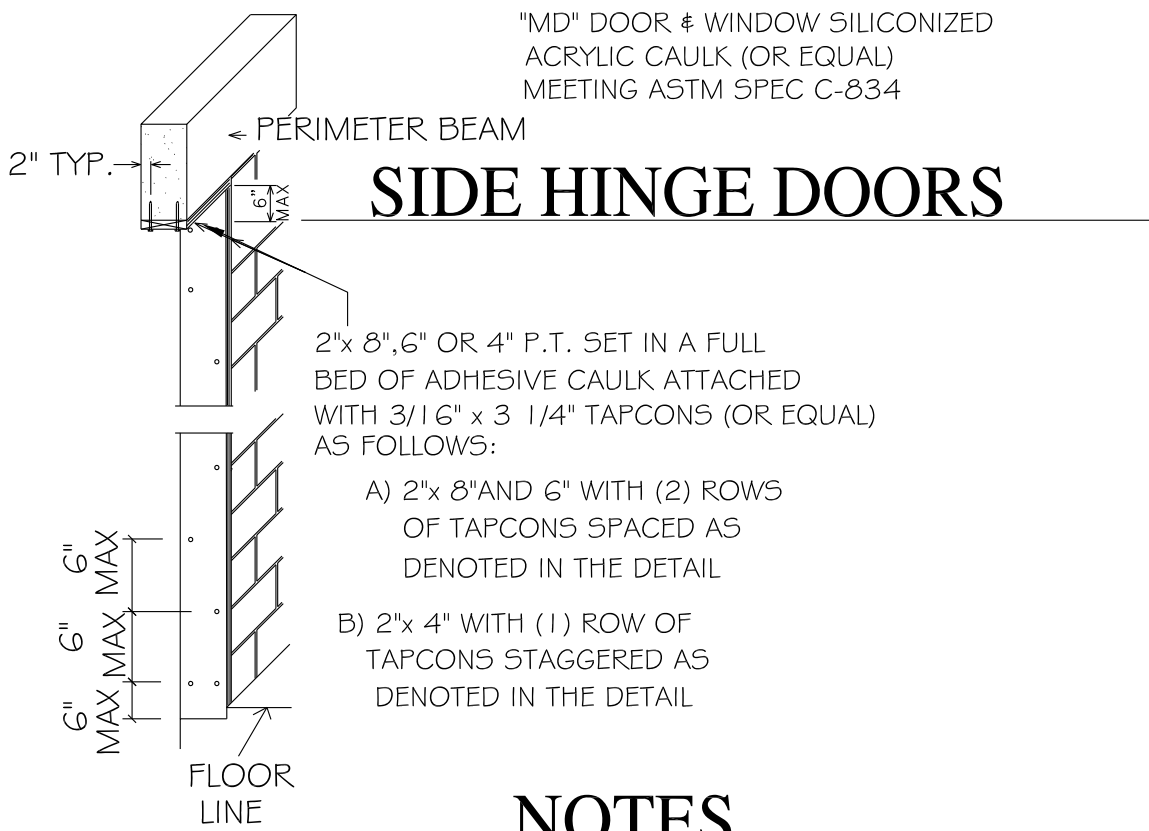
SCALE: 1/4"=1'-0"



BUCK ATTACHMENT FOR WINDOW

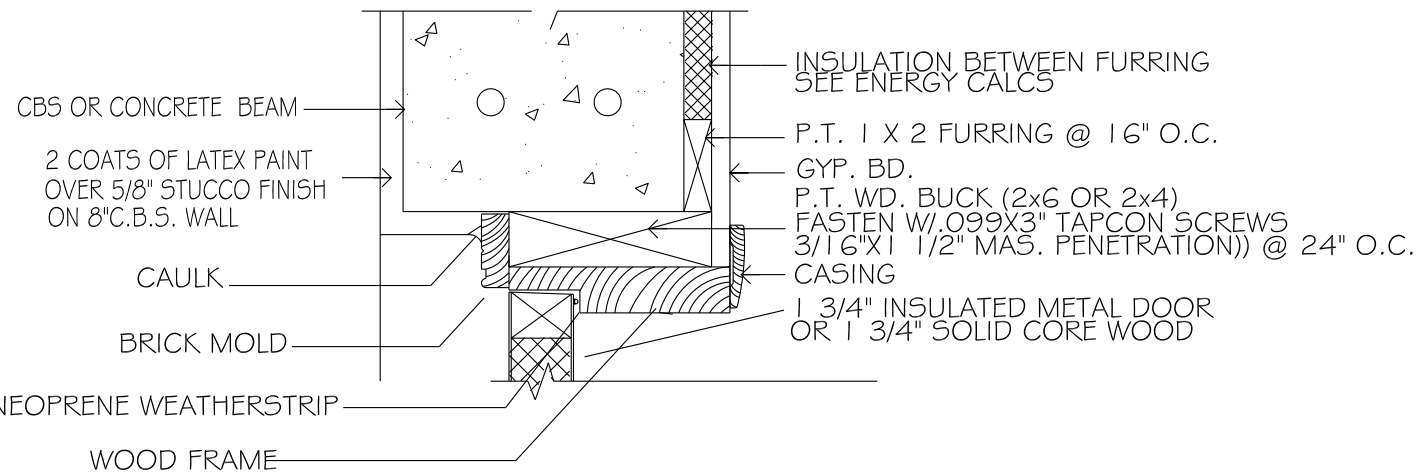
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DOOR BUCK DETAIL
FRAME WALL INSTALLATION TO MANUFACTURER'S SPECIFICATIONS



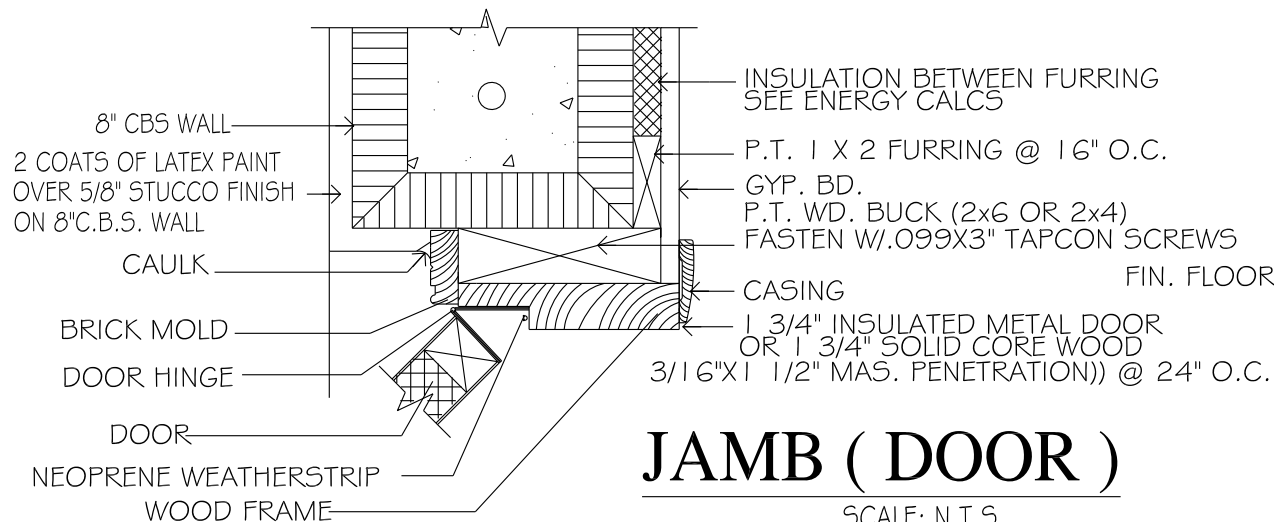
NOTES

- 1) SIDE HINGE DOORS MAY UTILIZE 1" X P.T. BUCKS WITH THE DOOR FRAME INSTALLED THRU THE BUCKS TO THE MASONRY/TIE BEAM WITH TAPCONS. SEE THE MANUFACTURER'S DETAILS FOR TAPCON SIZE AND SPACING, 1" BUCK SIZE AND REQUIRED INSWING AND OUTSWING DOOR FRAME SIZES.
- 2) THE DOOR MANUFACTURER'S INSTALLATION DETAILS FOR THE DESIGNED PRESSURES SHALL TAKE PRECEDENCE OVER THE ABOVE DETAILS



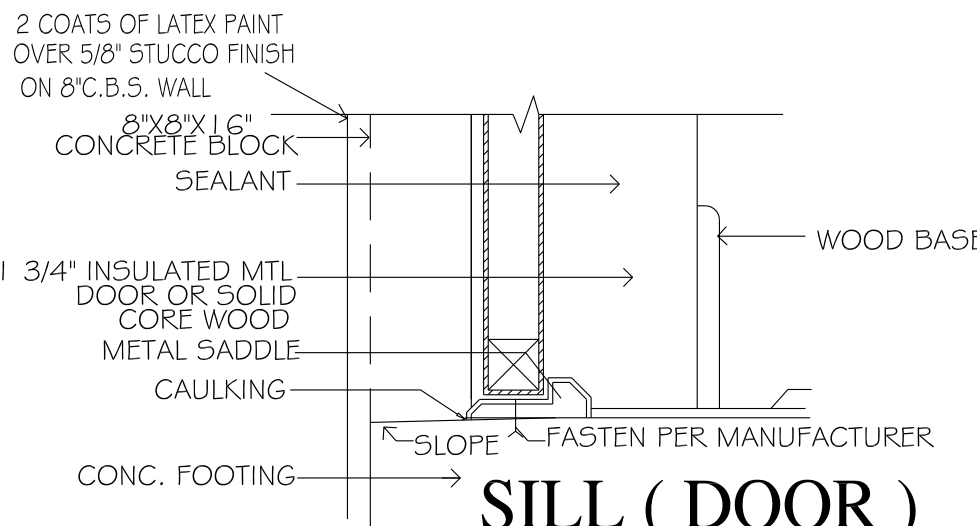
HEAD (DOOR)

SCALE: N.T.S.



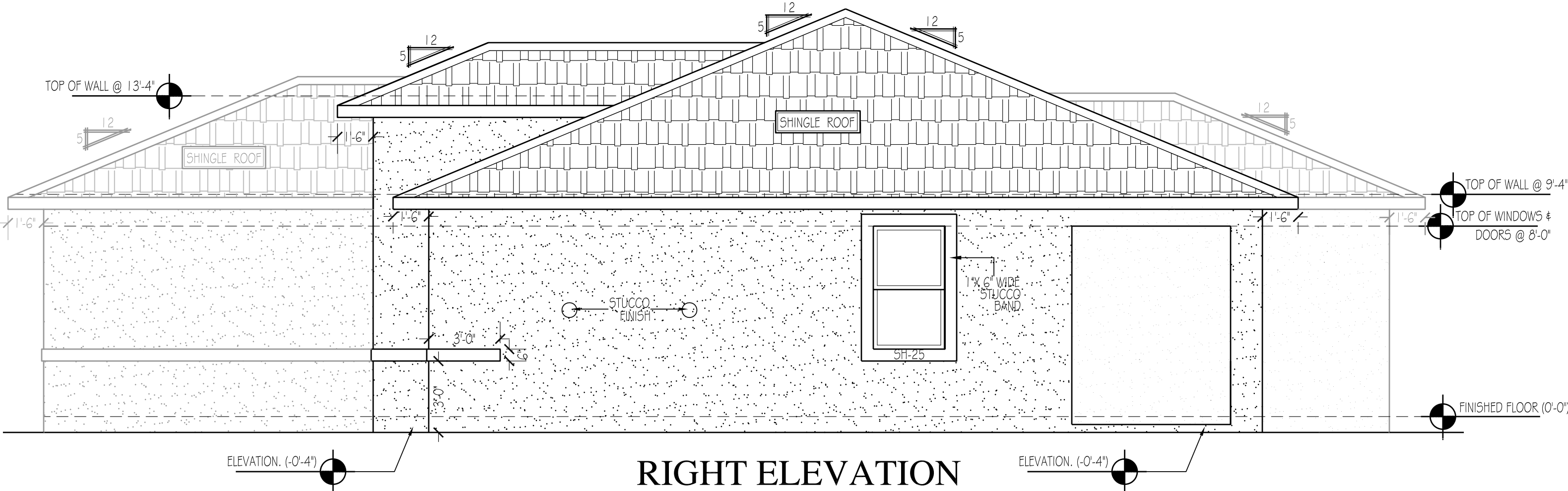
JAMB (DOOR)

SCALE: N.T.S.



SILL (DOOR)

SCALE: N.T.S.

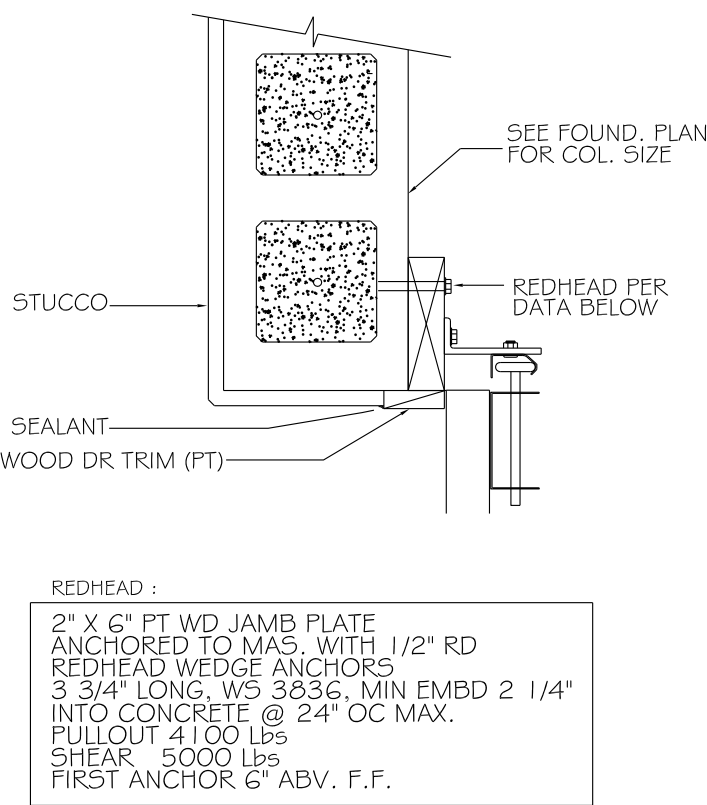


RIGHT ELEVATION

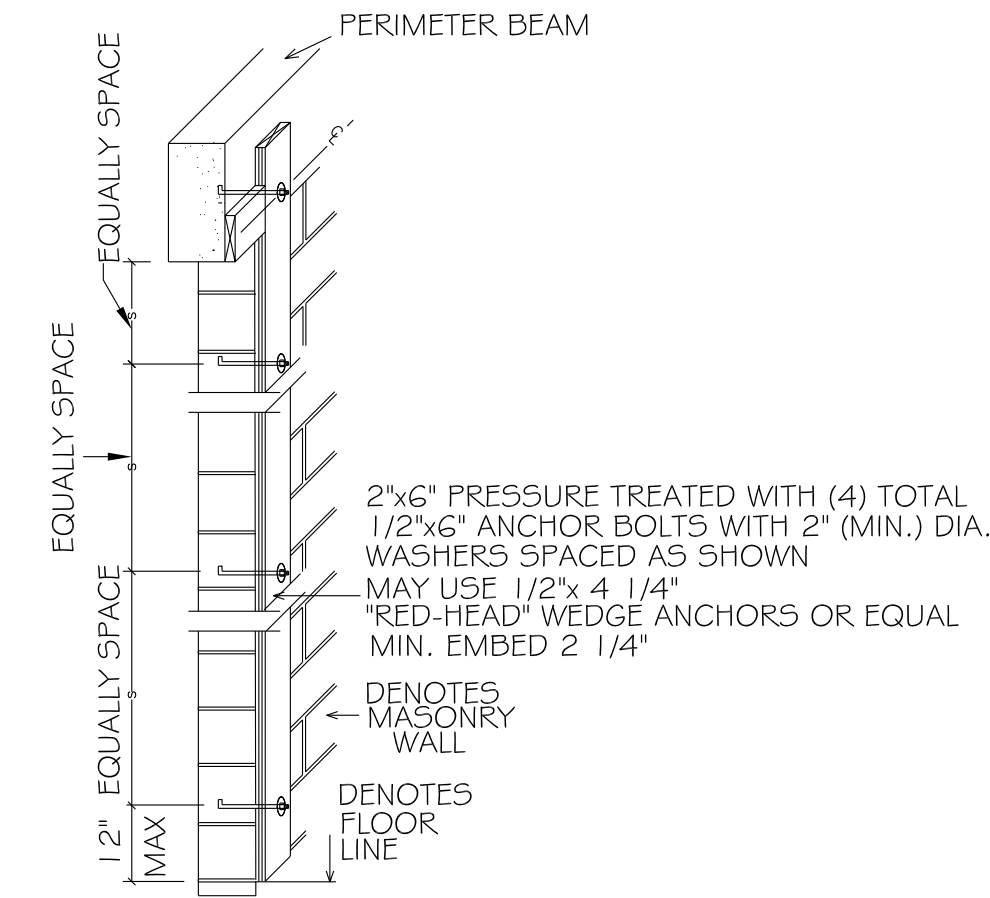
SCALE: 1/4"=1'-0"

GARAGE DOOR BUCK

SCALE: N.T.S.



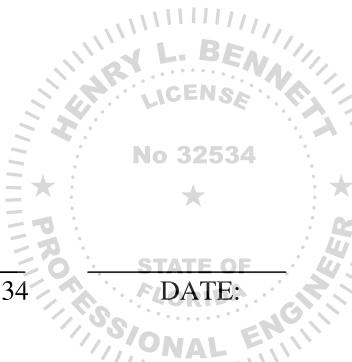
GARAGE DOOR OPENINGS



FRAME WALL INSTALLATION TO MANUFACTURER'S SPECIFICATIONS

I HEREBY CERTIFY THAT THE BUILDING DEPICTED IN THIS SET OF DRAWINGS WILL WITHSTAND WINDSTORM PRESSURES OF UP TO 150 MPH AS DEFINED IN THE (FBC) FLORIDA BUILDING CODE, 2020 (7th) EDITION SECTION 1609. PROVIDED THAT IT IS BUILT IN STRICT ACCORDANCE WITH THESE PLANS.

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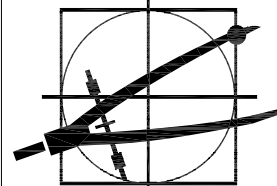
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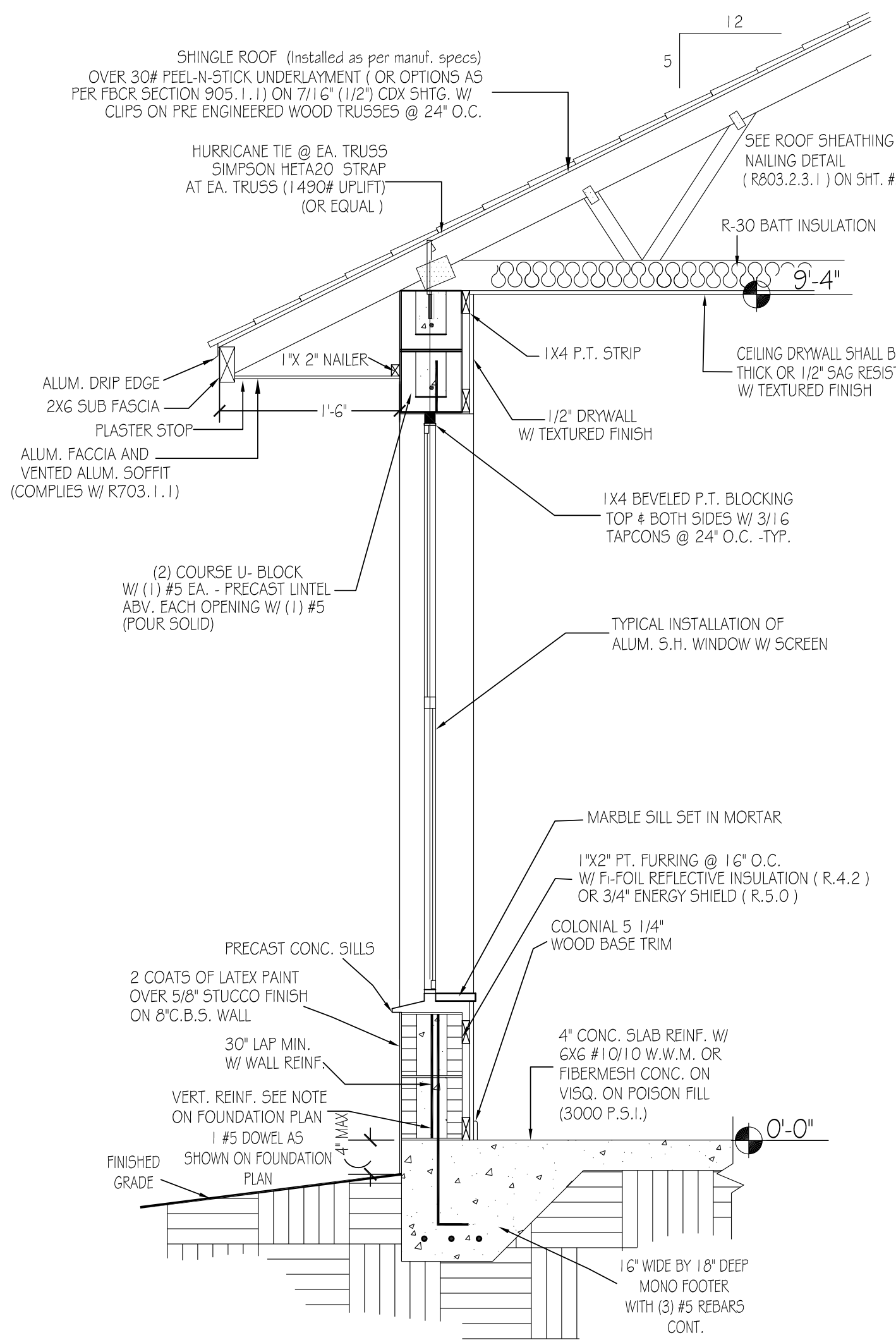
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ANTUNEZ COASTAL

SHEET NO.

2 OF 6

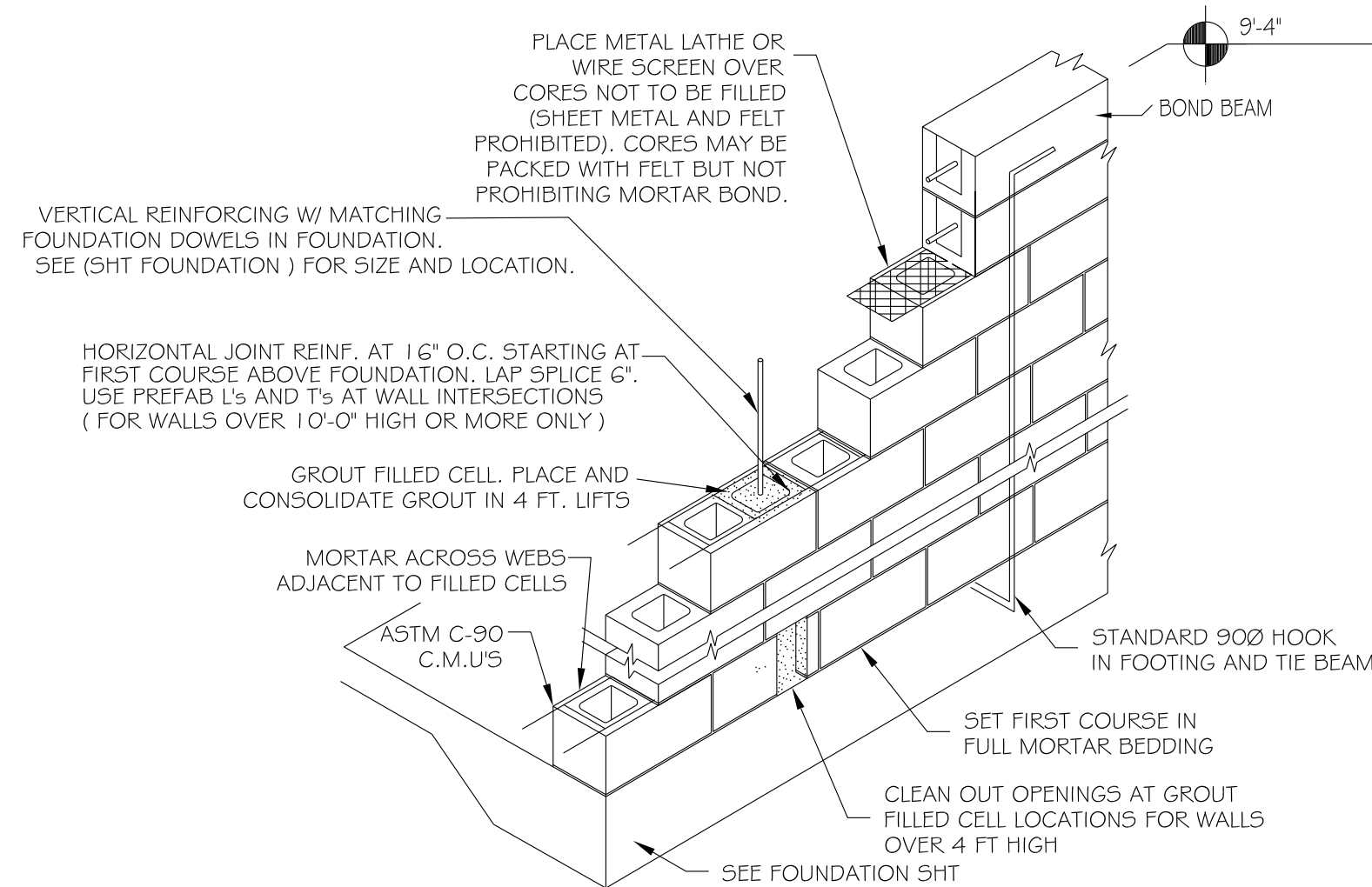


TYPICAL WALL SECTION
SCALE: N.T.S.

MISC. NOTES

PROVIDE 2" X4" BLOCKING AT 4'-0" O.C. AT THE BOTTOM OF ALL TRUSSES IN ENTRY (AREAS EXPOSED TO WIND.) CEILING SHEATHING IN THESE AREAS TO BE 5/8" EXTERIOR GRADE DRYWALL OR 1/2" EXTERIOR GRADE PLYWOOD W/ STUCCO FINISH OR RIB- LATH W/ STUCCO FINISH

EXTERIOR CEMENT PLASTER SHALL COMPLY WITH ASTM C 926 & ASTM C 1063. APPLY A MIN OF 5/8" ON CBS WALLS AND 7/8" MIN. ON WIRELATH OVER WOOD SHEATHING.



TYPICAL MASONRY WALL CONSTRUCTION
SCALE: N.T.S.

STRUCTURAL NOTES: MASONRY:

HOLLOW CONCRETE MASONRY DESIGN & CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AWS ACI 530.

MORTAR USED TO BOND C.M.U. SHALL CONFORM TO ASTM C-476, TYPE "M" OR "S" WITH A 28 DAY STRENGTH OF 2500 PSI.

LAY ALL MASONRY WITH FULL FACE HEAD JOINTS AND WITH FACE SHELL MORTAR BEDDING. MORTAR JOISTS TO BE 3/8" + 1/8" MAXIMUM.

COMPRESSIVE STRENGTH OF CMU SHALL BE ON LESS THAN FM-1350 PSI.

VERTICAL CELLS FOR MASONRY SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR, UNOBSTRUCTED CONTINUOUS CELL.

CLEAN OUT OPENINGS SHALL BE PROVIDED AT THE BOTTOM OF GROUTED CELLS AT EACH LIFT. CLEAN OUTS SHALL BE SEALED AFTER CLEANING & INSPECTION AND BEFORE GROUTING. CLEAN OUT TO FREE OF ALL DEBRIS AND MORTAR SLUG.

PRE CAST / PRE STRESSED LINTEL SUPPLIED BY APPROVED MANUFACTURERS

- 1) FECP / CAST-CRETE CORPORATION
- 2) POWER CONCRETE
- 3) ALLIED PRE-CAST
- 4) LOTIT
- 5) QUALITY PRE-CAST

ALL REINFORCING STEEL SHALL BE GRADE 60, MEETING ASTM SPECS A-615

REINFORCING STEEL SHALL BE FREE FROM OIL, LOOSE SCALE, AND RUST.

ALL DOWELS, SLEEVES, CONDUIT, INSERT, BLOCK OUT, ANCHORS BOLTS AND DRAINS SHALL BE IN PLACE BEFORE CONCRETING. FOR OPENING & SPECIAL FEATURES OMITTED ON THESE PLANS, SEE ARCHITECTURAL & / OR MECHANICAL DRAWINGS.

LAP SPLICE SHALL BE AS FOLLOWS : 5 BAR 30"; 4 BAR 24"; 3 BAR 18"

WINDOWS

(SCHEDULE)				
LABEL	TYPE	WIND PRESSURE (150 MPH.)	WINDOW (SIZE) (W X H)	OPENING (W X H)
1	35-SH	+44.12 - 48.15	52 1/8" X 62"	53-7/8" X 63"
2	25-SH	+46.26 - 50.30	36" X 62"	37-3/4" X 63"

* OWNER/BUILDER TO PROVIDE WINDOW INFORMATION: MANUFACTURER, MODEL/SERIES, ETC. TO DESIGNER CONDUCTING ENERGY CALCULATIONS. ENERGY CALCULATIONS SHALL COMPLY W/ FBC 2020 - ENERGY CONSERVATION, CHAPTER 4 REQUIREMENTS.

DOORS

(SCHEDULE)						
LABEL	TYPE	WIND PRESSURE (150 MPH.)	DOOR WIDTH	R/O WIDTH	DOOR HEIGHT	R/O HEIGHT
1	(2) 3080 EXT. DR. (INSULATED)	+44.91 - 48.94	72"	75"	96"	97'-1/2"
2	16060 GARAGE DR.	+39.73 - 43.76	192"	192"	96"	96"
3	8060 FRENCH DR.	+44.91 - 48.94	96"	99"	96"	97'-1/2"

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STRUCTURAL NOTES - LUMBER

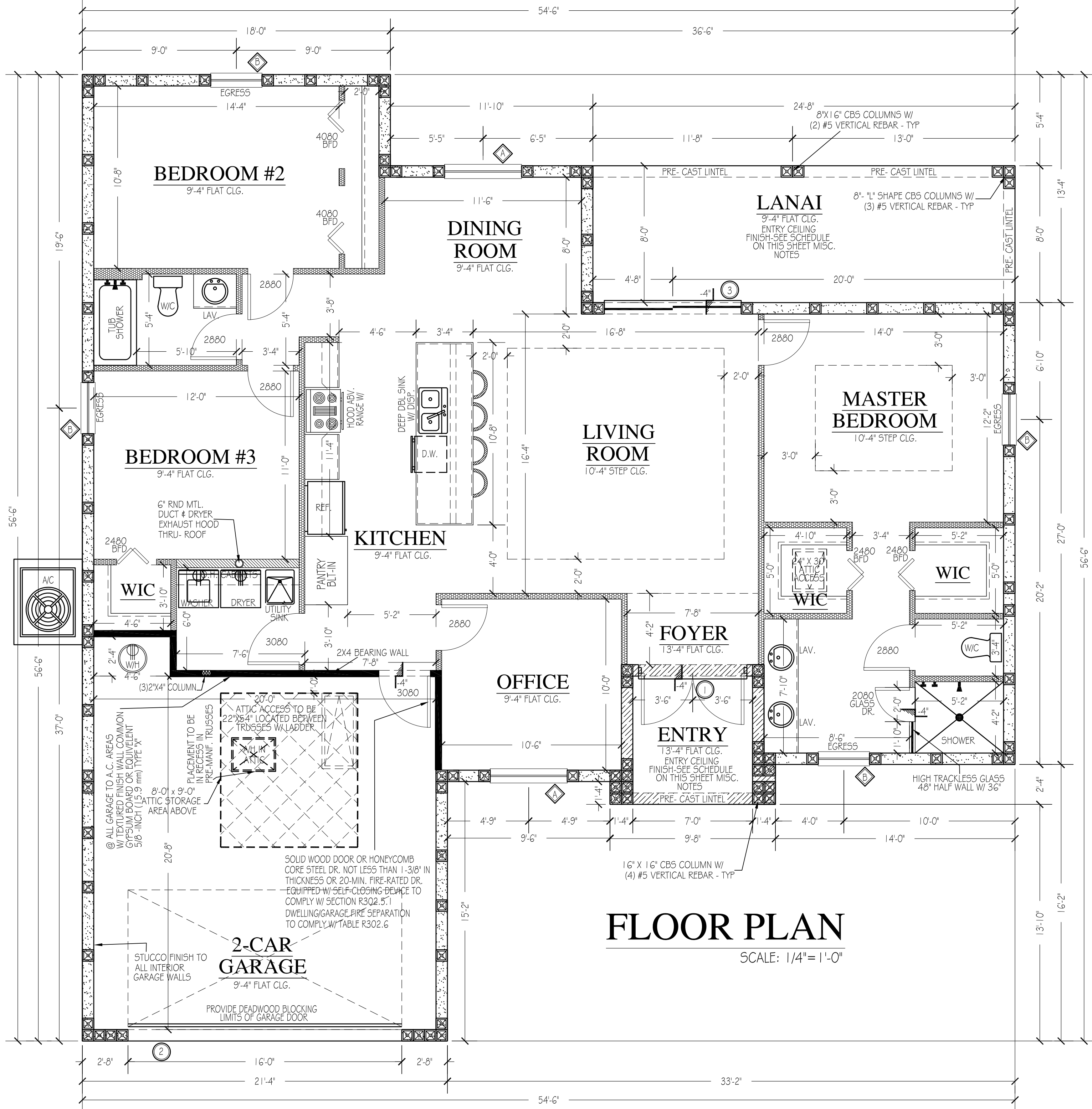
ALL LUMBER SHALL BE DOUGLAS FIR W/ A MIN. FIBER STRESS OF 1200 PSI, OR SOUTHERN YELLOW PINE 2 STRUCTURAL GRADE, OR SPRUCE

BEARING FRAME PARTITIONS SHALL HAVE 2 X STUDS AT 16" O.C. WITH DOUBLE TOP PLATE.

ALL WOOD TRUSSES SHALL BE ANCHORED AT BOTH ENDS WITH APPROVED GALV. METAL TRUSS STRAPS.

TRUSS MANUFACTURER SHALL COORDINATE TRUSS FABRICATION WITH AIR CONDITIONING DUCT LAYOUT.

PROVIDE REQUIRED DRAFT STOP IN TRUSS SPACE. LVL LUMBER & STEEL YOUNG'S MODULES, E= 1,500,000 PSI



NOTE TO MASON CONTRACTOR

- 1: THE MASON CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MASONRY OPENINGS WITH PROPER MANUFACTURES SPEC. PRIOR TO CONSTRUCTION
- 2: PROVIDE PRE-CAST LINTELS ABOVE EACH DOOR & WINDOW OPENINGS

WALL LEGEND

	8" CBS WALL - TOP OF BEAM @ 10'-0" A.F.F.
	8" CBS WALL - TOP OF WALL @ 14'-0" A.F.F.
	INTERIOR 2'X 4' WOOD FRAME @ 16" O.C. STUD WALLS TYP. (WALL TO CLG.)
	INTERIOR 2'X4' WOOD FRAME @ 16" O.C. LAYER OF 5/8" TYPE (X) GYPSUM BRD. ON EA. SIDE. (LOAD BEARING)
	INTERIOR 2'X 6' WOOD FRAME @ 16" O.C. STUD WALLS TYP. (W/ R-13 INSULATION)

NON-BEARING INTERIOR PARTITIONS

ALL INTERIOR NON BEARING PARTITIONS SHALL BE 3-5/8" METAL STUDS 26 GA. AT 24" O.C. MAX SPACING W/ 1/2" MIN. GYPSUM DRYWALL EACH SIDE OR 2'X 4" STUD GRADE LUMBER OR BETTER AT 16" O.C. WITH SINGLE TOP AND BOTTOM PLATE.

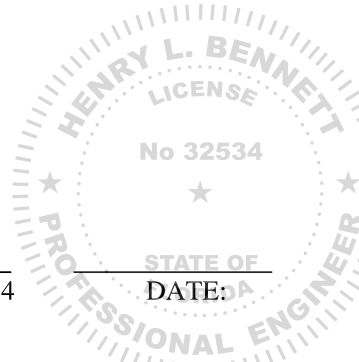
SQUARE FOOTAGE

LIVING AREA =	1,662 SqFt
ENTRY AREA =	58 SqFt
GARAGE AREA =	464 SqFt
LANAI AREA =	198 SqFt

TOTAL AREA = 2,382 SqFt

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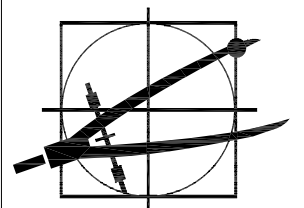
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DRAWN BY: A. PEREZ	CHECKED BY: HLB
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CLIENT:
BETTER SPACES

JOB NO.
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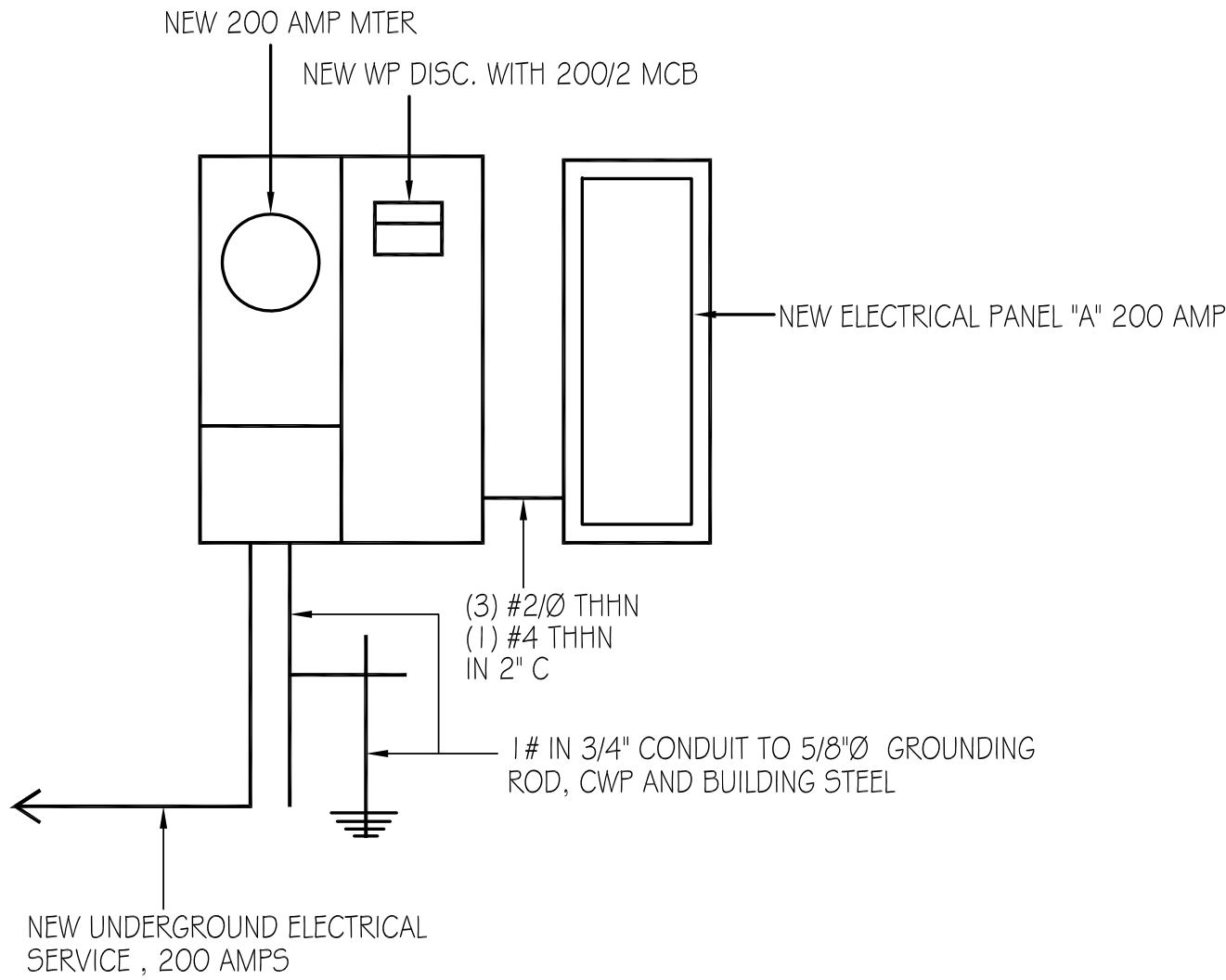
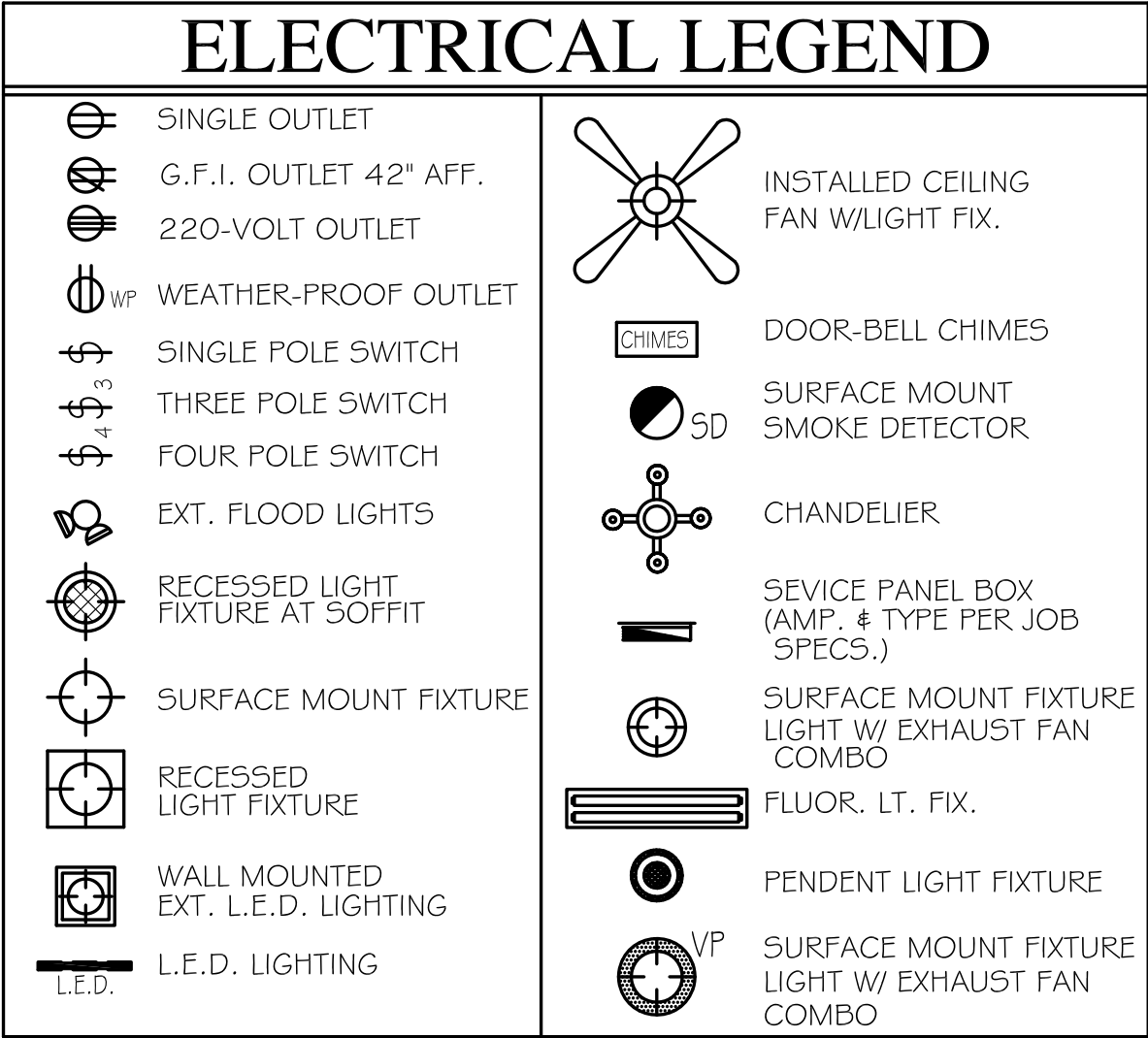
FILE NO.
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3 OF 6

L.B. #27746

ELECTRICAL SPECS.

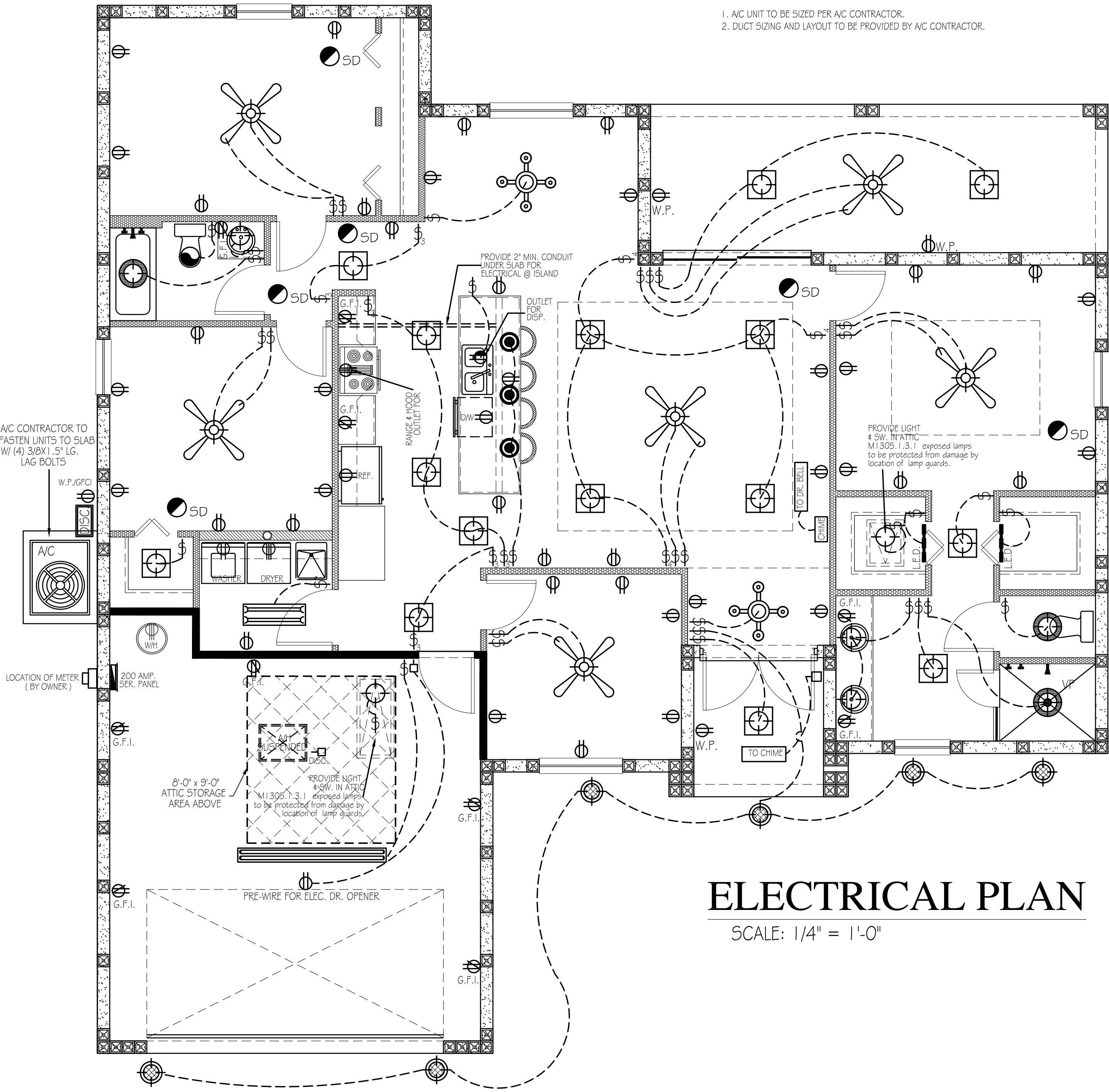
- NEC 2017
1. DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED . REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT . ELECTRICAL CONTRACTOR SHALL FURNISH AND FINISH AND INSTALL ALL ITEMS REQUIRED INSTALLATION.
2. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND SHALL COMPLY WITH ALL LOCAL RULES AND ORDINANCES HAVING JURISDICTION.
3. MINIMUM WIRE SIZE SHALL BE #12 AWG, UNLESS OTHER WISE NOTED ALL CONDUCTORS SHALL BE COPPER WITH THIN OR THIN INSULATION.
4. ALL MATERIAL SHALL BE NEW AND BEAR THE UNDERWRITERS LABEL (U.L.), WHERE APPLICABLE.
5. THE ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED IN ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
6. THE ELECTRICAL , TELEPHONE , AND CABLE TELEVISION INSTALLATIONS SHALL MEET ALL REQUIREMENTS BY THE LOCAL UTILITY COMPANIES.
7. ALL DISCONNECT SWITCHES SHALL BE RATED FOR 100,000 A.I.C. UNLESS OTHERWISE NOTED. ALL FUSES SHALL BE RATED FOR 200,000 A.I.C. AND SHALL BE CURRENT LIMITING.
8. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, PLASTIC BOXES MAY BE USED IN LIEU OF THE STEEL BOX WHERE PERMITTED BY LOCAL CODES. IN DAMP OR WET LOCATIONS BOXES SHALL BE MADE FROM CAST ALLOY WITH THREADED HUBS.
9. FURNISH AND INSTALL DISCONNECT SWITCHES, OVER CURRENT PROTECTION, AND WIRING FOR THE AIR CONDITIONING SYSTEM AS PER MANUFACTURER RECOMMENDATIONS, CONTROLS ARE TO BE SUPPLIED BY AND CONNECTED BY THE AIR CONDITIONING CONTRACTOR.
10. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKSMANLIKE MANNER.
11. ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF AND G.F.I.
12. ALL EXTERIOR DISCONNECT SWITCHES SHALL BE WATERPROOF.
13. ELECTRICAL CONTRACTOR SHALL COORDINATE METER, METER CENTERS, AND SWITCH GEAR LOCATIONS WITH LOCAL UTILITY COMPANY .
14. ALL LIGHTING AND RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL CODES.
15. ANY 15A 1P CIRCUIT LONGER THAN 50 FEET , INCREASE WIRE SIZE TO #12 AWG.
16. ANY 20A 1P CIRCUIT LONGER THAN 75 FEET , INCREASE WIRE SIZE TO #10 AWG.
17. ALL SWITCH GEAR AND PANELS SHALL BE RATED FOR 75 DEGREES.
18. ELECTRICAL CONTRACTOR SHALL VERIFY ALL HVAC EQUIPMENT LOADS PRIOR TO THE ORDERING OF ANY SWITCH GEAR AND PANELS AND COORDINATE WITH GENERAL CONTRATOR.
19. ALL DISCONNECT SWITCHES AND PANELS SHALL BE INSTALLED IN ACCORDANCE WITH NEC. 110-16.
20. INSTALLATION HEIGHTS ABV. FINISH FLOOR UNLESS OTHERWISE NOTED:
- | | |
|---------------------|------------|
| WALL HUNG TELEPHONE | 56" A.F.F. |
| TELEPHONE JACKS | 12" A.F.F. |
| LIGHT SWITCHES | 48" A.F.F. |
| RECEPTACLES | 12" A.F.F. |
| TELEVISION JACKS | 12" A.F.F. |
21. RECEPTACLES AND OR JUNCTION BOXES SHALL NOT BE PLACED IN A BACK TO BACK CONFIGURATION.
22. LOAD CALCULATIONS AND PANEL SCHEMATIC TO BE FURNISHED BY ELECTRICAL CONTRACTOR.



ELECTRICAL SCHEDULE							
DESCRIPTION	POLES	TRIP	VOLTS	WIRE	COND.	DEMAND	NO DEMAND
GEN LIGHTING	4	15	120	#14	1/2"	4,986	
SMALL APPL.	2	20	120	#12	1/2"	3000	
LAUNDRY	1	20	120	#12	1/2"	1500	
DRYER	2	30	240	#10	1/2"	5000	
RANGE	2	50	240	#8	1"	12000	
WATERHEATER	2	50	240	#8	1/2"	12000	
REFRIGIRATOR	1	20	120	#12	1/2"	1500	
GARBAGE DISP.	1	20	120	#12	1/2"	1000	
WATER PUMP	1	20	120	#12	1/2"	2750	
DISHWASHER	1	20	120	#12	1/2"	1250	
MICROWAVE	1	20	120	#12	1/2"	1500	
AHU #1	2	50	240	#6	1"		8100
CU #1	2	45		#8	3/4"	6000	
TOTAL DEMAND						52,486	
AC @ 100% 8,100 X (1) =						8,100	
1st 10000 @ 100%						10,000	
REMAINDER @ 40%						16,994	
TOTAL DEMAND LOAD						35,094	
LIVING AREA 1,662 X 3 = 4,986							35,094
35,094/ 240 = 146.22 AMPS							

NOTE #1: TAMPER-RESISTANT RECEPTACLES IN DWELLING UNITS. IN ALL AREAS SPECIFIED IN 210.52, ALL 125-VOLTS, 15- AND 20 AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES

NOTE #2: ALL 120- VOLTS , SINGLE PHASE ,15-AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOM, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER COMBINATION-TYP, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.



NOTE #3: SMOKE DETECTORS SHALL BE LINE VOLTAGE WITH A BATTERY BACK-UP. TO BE INSTALLED IN EACH SLEEPING ROOM AND IN IMMEDIATE ADJACENT AREA PER NFPA 72 CHAPTER 2-2.1.1.1, AND CBC 905.2

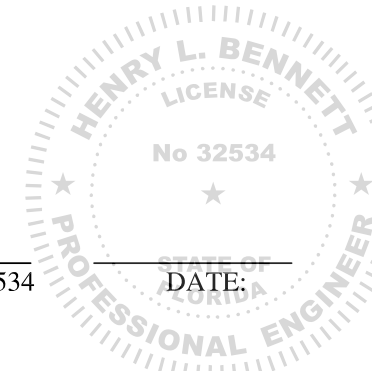
904.2 Smoke alarms in existing portions of a building. Whenever an addition is made to a building or structure of a Group R-3 or R-4 occupancy, the existing building shall be provided with smoke alarms as required by the Florida Building Code, Building or the Florida Building Code, Residential as applicable. The smoke alarms in the existing building are not required to be interconnected with smoke alarms in other portions of the base building.

NOTE #4: F.S 553.885 Carbon monoxide detectors required. (1) Every building for which a building permit is issued for new construction on or after July 1, 2008, and having a fossil-fuel-burning heater or appliance, a fireplace, or an attached garage shall have an approved operational carbon monoxide alarm installed within 10 feet of each room used for sleeping purposes.

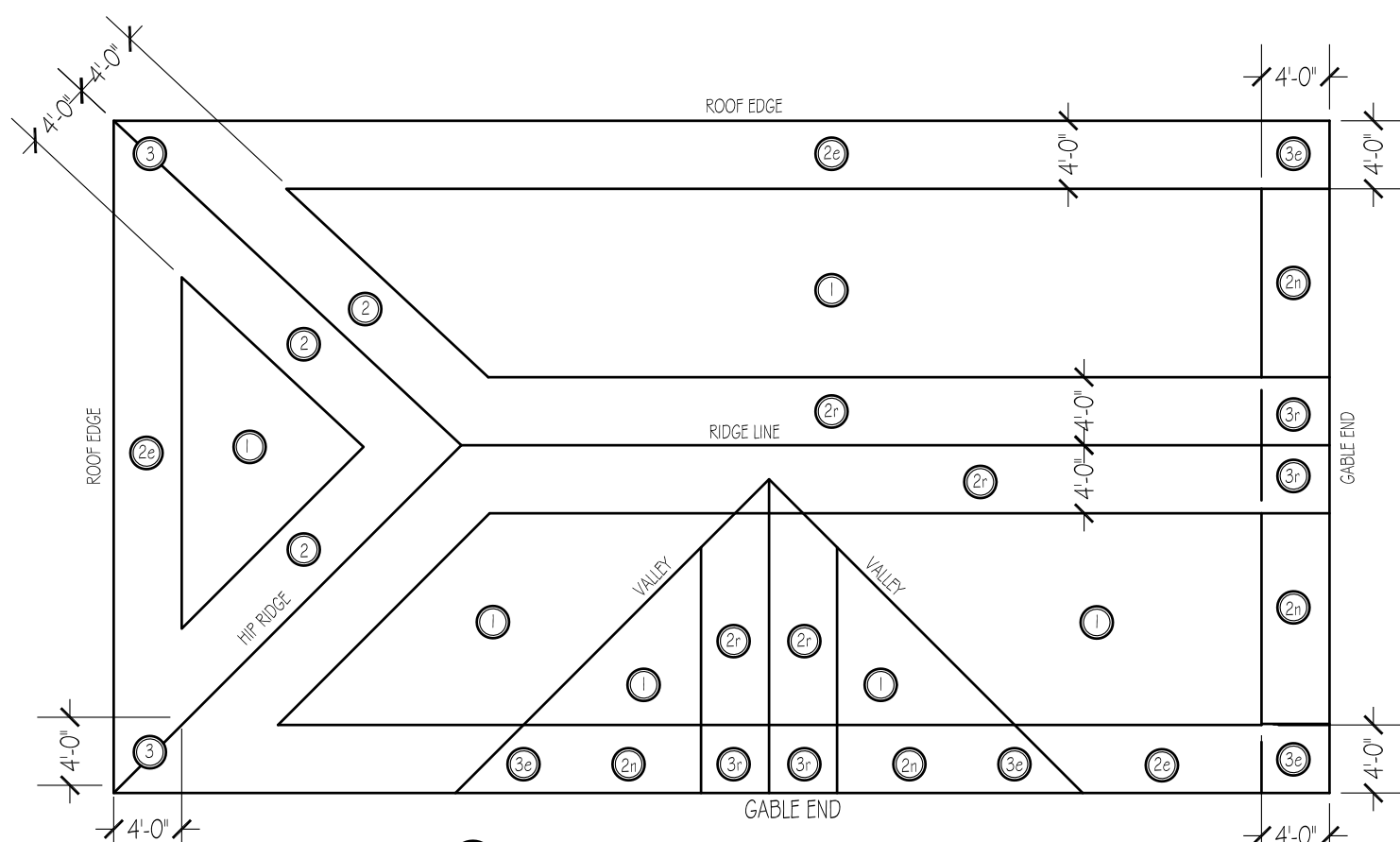
NOTE #5: T.V. AND PHONE JACKS, LOCATION DETERMINED BY OWNER, RECESS FIXTURES SUPPLIED BY ELECTRICAL CONTRACTOR.

I HEREBY CERTIFY THAT THE BUILDING DEPICTED IN THIS SET OF DRAWINGS WILL WITHSTAND WINDSTORM PRESSURES OF UP TO 150 MPH AS DEFINED IN THE (FBC) FLORIDA BUILDING CODE, 2020 (7th) EDITION SECTION 1609. PROVIDED THAT IT IS BUILT IN STRICT ACCORDANCE WITH THESE PLANS.

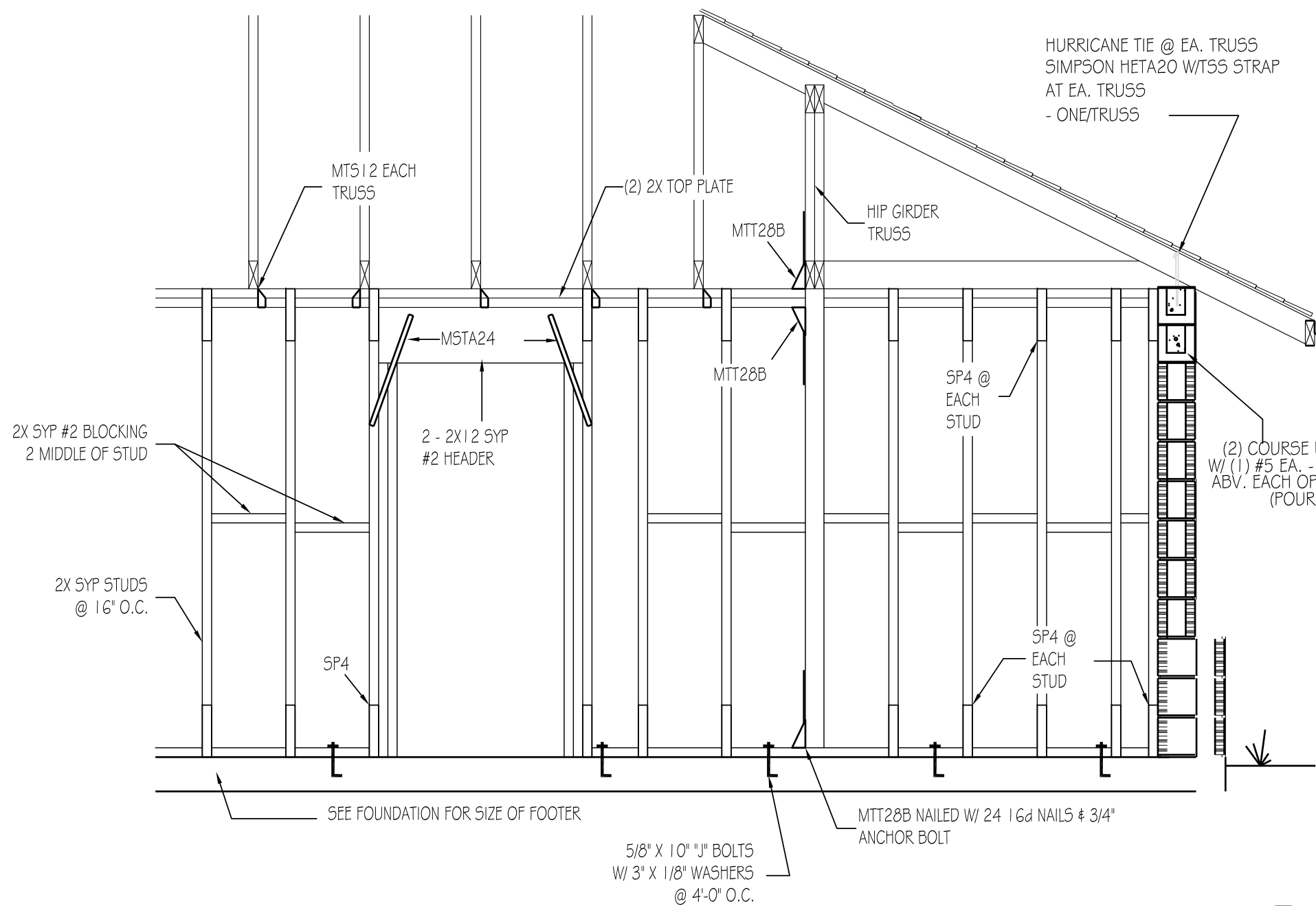
H.L. BENNETT, FLORIDA P.E. NO. 32534



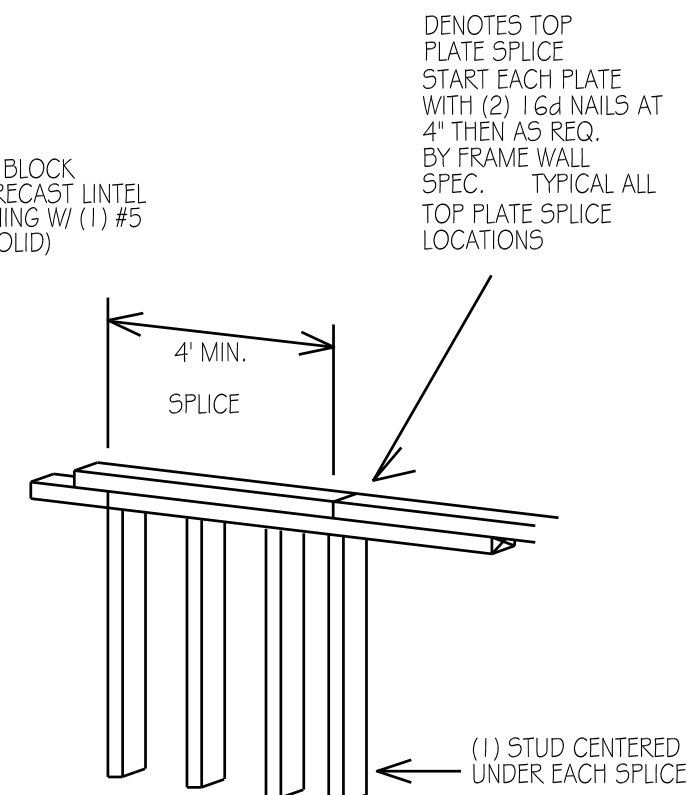
DATE	
REVISIONS	
BETTER SPACES SOUTHEAST, LLC P.O. BOX 60062, FORT MYERS, FLA. PH: (863) 261-3214	
SHEET TITLE COASTAL MODEL ELECTRICAL PLAN	
JOB SITE: NAPLES ST, LABELLE 33935	
H. L. BENNETT & ASSOCIATES INC. 241 YEOMANS AVENUE - P.O. DRAWER 2137 LABELLE, FLORIDA 33975 PH: (863) 675-8882 FAX (863) 675-1327	
L.B. #27746	
DRAWN BY: A PEREZ	CHECKED BY: HLB
CLIENT: BETTER SPACES	
JOB NO. 21658	
FILE NO. ANTUNEZ COASTAL	
SHEET NO. 4 OF 6	



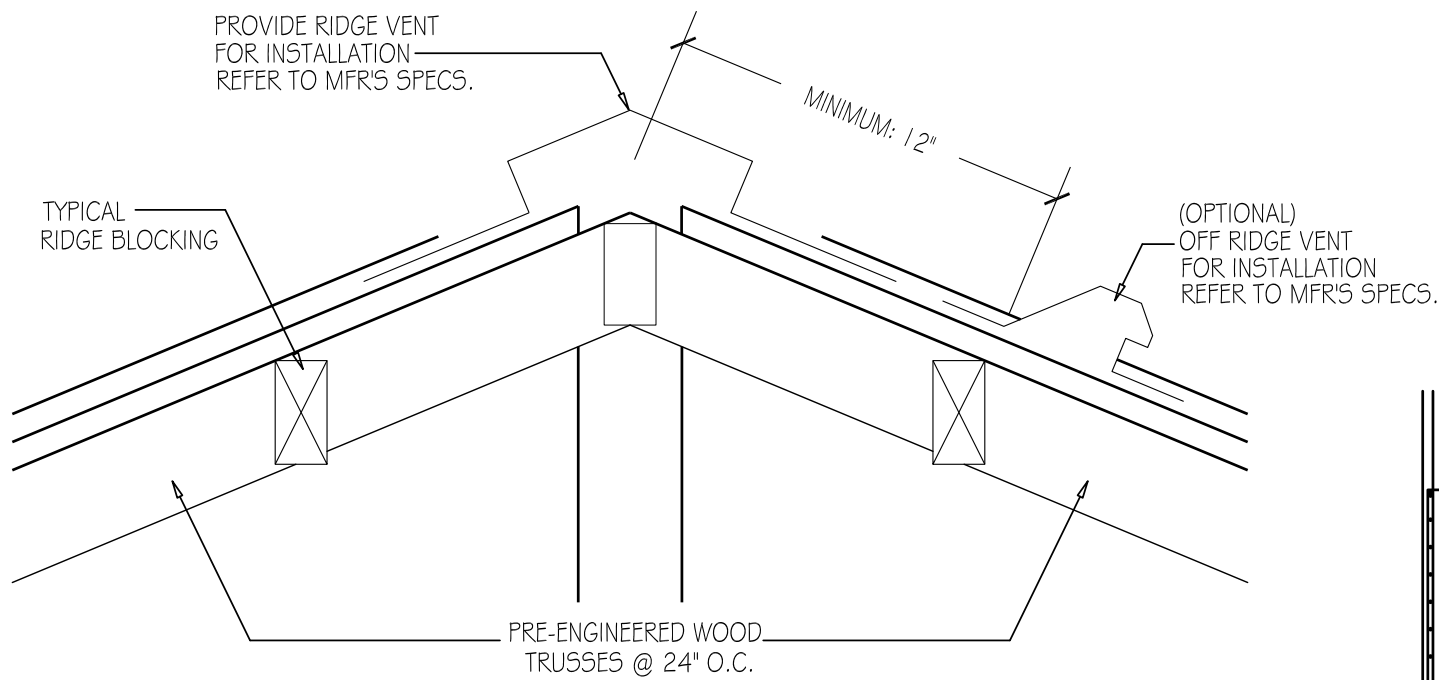
ROOF SHEATHING NAILING DETAIL
SCALE: N.T.S.



TYPICAL FRAME LOAD BEARING WALL
SCALE: N.T.S.



DOUBLE TOP PLATE SPLICE
SCALE: N.T.S.



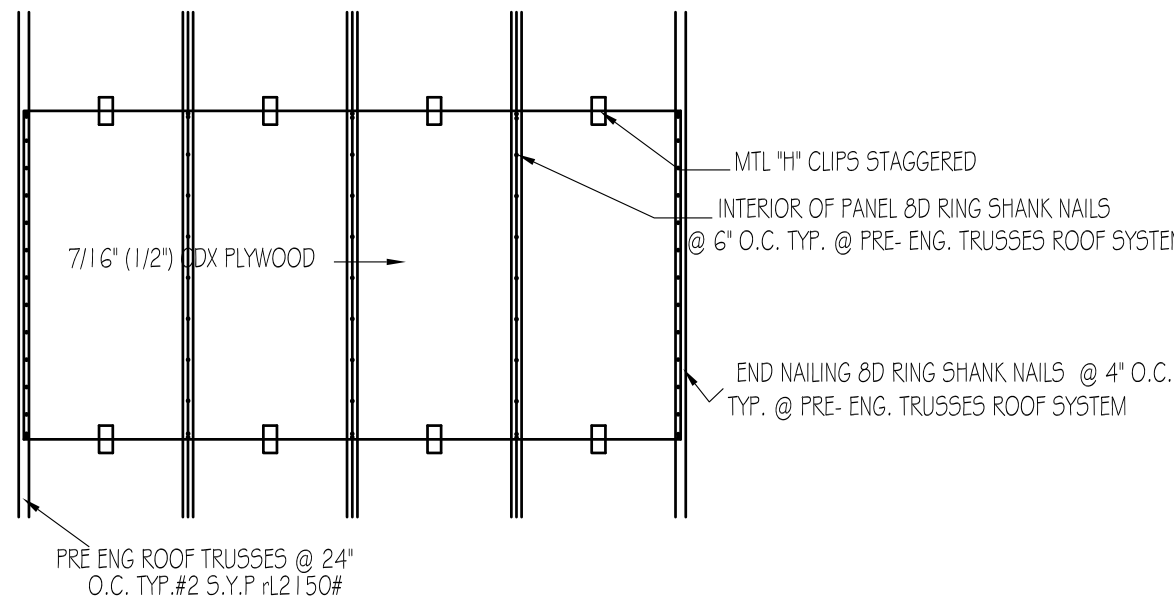
RIDGE VENTILATION DETAIL
SCALE: N.T.S.

ATTIC VENTILATION REQUIREMENT:

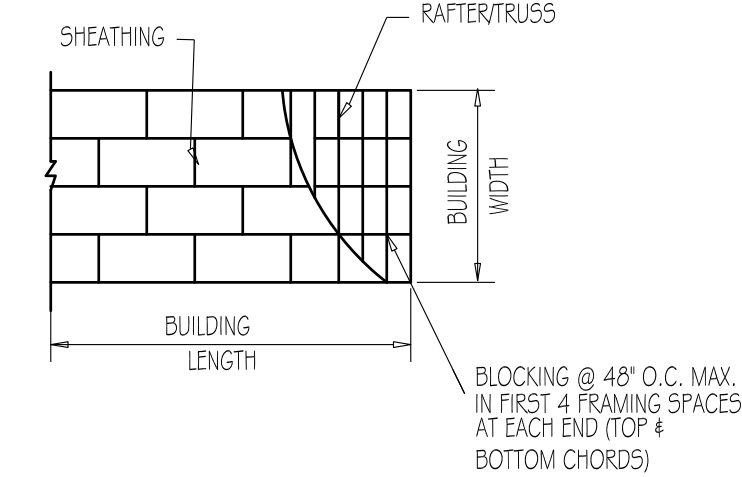
FBC R806.1 # R806.2: THE NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/300 OF THE AREA OF THE SPACE VENTILATED. 2.648 S.F./300 = 9.10 S.F. X 50% = 4.555 S.F. (1655 SQUARE INCHES) OF RIDGE VENT REQUIRED. 655/120 = 5.5 OR 6 PIECES OF RIDGE VENT. SEE SOFFIT COMPLIANCE OPTION.

SOFFIT COMPLIANCE:

1. SOFFIT AREA TO BE PERFORATED AND THE NET FREE SQUARE INCHES SHALL MEET OR EXCEED THE CALCULATED AMOUNT OF VENTILATION REQUIRED.
2. SOFFIT SHALL BE COMPLIED WITH 2020 FBC 2020 RESIDENTIAL, SECTION R703.1.1 AND R301.1, TABLE R301.2(2).
3. ALL SOFFIT SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLES R301.2(2), FOR WALLS.

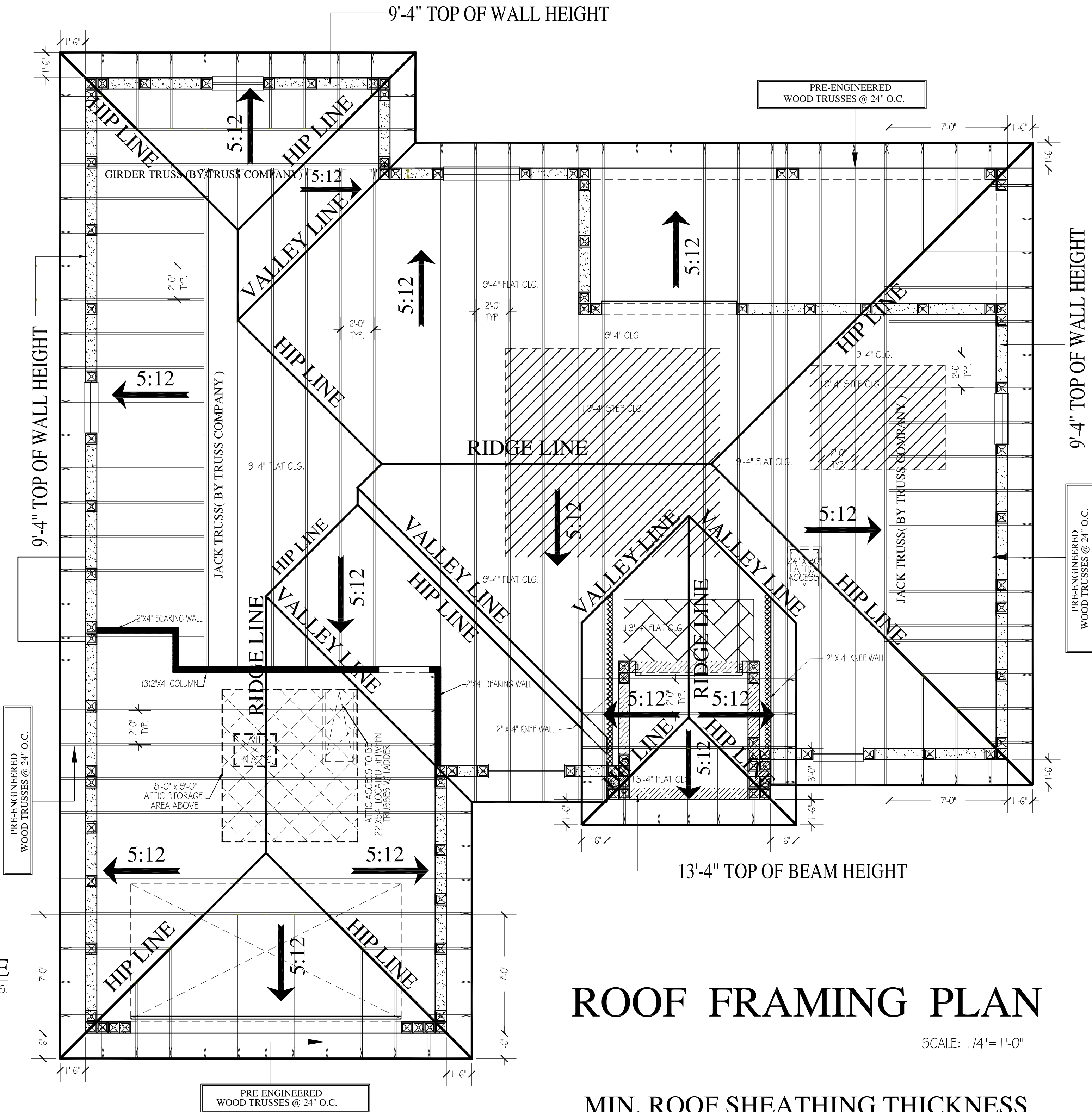


ROOF SHEATHING DETAIL
N.T.S.



ROOF SHEATHING LAYOUT & END WALL
N.T.S.

*** OWNER /CONTRACTOR TO PROVIDE S/S TRUSS ENG. FOR DESIGN ENGINEER REVIEW PRIOR TO ORDERING TRUSSES**



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

TABLE R803.2.3.1

ROOF SHEATHING ATTACHMENT^{a,b}

RAFTER / TRUSS SPACING 24 in. O.C.	WIND SPEED															
	115 MPH				120 MPH				130 MPH				140 MPH			
	E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
RAFTER / TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4
RAFTER / TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
RAFTER / TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4
RAFTER / TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4
RAFTER / TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4
RAFTER / TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4

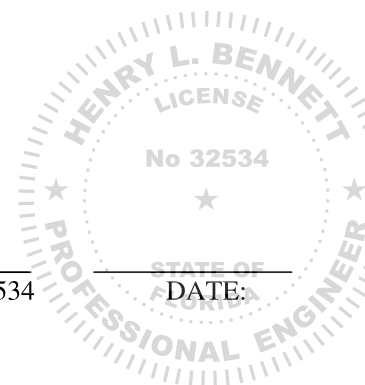
^a F = NAIL SPACING ALONG PANEL EDGES (INCHES)
F = NAIL SPACING ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD (INCHES)
^b FOR SHEATHING LOCATED A MINIMUM OF 4 FEET FROM THE PERIMETER EDGE OF THE ROOF, INCLUDING 4 FEET ON EACH SIDE OF RIDGES AND HIPs, 6 INCHES ON CENTER ALONG PANEL EDGES AND 6 INCHES ON CENTER ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD.
^c WHERE RAFTER/TRUSS SPACING IS LESS THAN 24 INCHES ON CENTER, ROOF SHEATHING FASTENING IS PERMITTED TO BE IN ACCORDANCE WITH THE AWC WFCM OR THE AWC NDS.

MIN. ROOF SHEATHING THICKNESS
TABLE R803.2.2 F.B.C. 2020

RAFTER / TRUSS SPACING 24 in. O.C.	WIND SPEEDS							
	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
MIN. SHEATHING THICKNESS, INCHES (PANEL SPAN RATING) EXPOSURE D	7/16 (24/16)	7/16 (24/16)	7/16 (24/16)	7/16 (24/16)	15/32 (32/16)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)
MIN. SHEATHING THICKNESS, INCHES (PANEL SPAN RATING) EXPOSURE C	7/16 (24/16)	7/16 (24/16)	15/32 (32/16)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	23/32 (48/24)
MIN. SHEATHING THICKNESS, INCHES (PANEL SPAN RATING) EXPOSURE D	15/32 (32/16)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	23/32 (48/24)	23/32 (48/24)

I HEREBY CERTIFY THAT THE BUILDING DEPICTED IN THIS SET OF DRAWINGS WILL WITHSTAND WINDSTORM PRESSURES OF UP TO 150 MPH AS DEFINED IN THE (FBC) FLORIDA BUILDING CODE, 2020 (7th) EDITION SECTION 1609. PROVIDED THAT IT IS BUILT IN STRICT ACCORDANCE WITH THESE PLANS.

H.L. BENNETT, FLORIDA P.E. NO. 32534



DATE

REVISIONS

BETTER SPACES
SOUTHEAST, LLC

P.O. BOX 60062, FORT MYERS, FLA.
PH: (863) 261-3214

COASTAL MODEL
ROOF FRAMING
PLAN

JOB SITE:
NAPLES ST, LABELLE 33935

H. L. BENNETT
& ASSOCIATES INC.

241 YEOMANS AVENUE - P.O. DRAWER 2137
LABELLE, FLORIDA 33975 PH: (863) 675-8882
FAX (863) 675-1327

DRAWN BY:
A. PEREZ

CHECKED BY:
HLB

CLIENT:
BETTER SPACES

JOB NO.
21658

FILE NO.
ANTUNEZ COASTAL

SHEET NO.
5 OF 6

