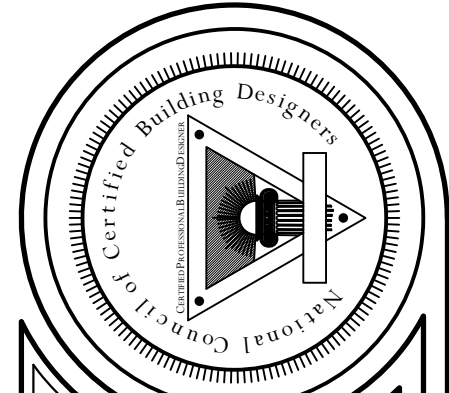


**SHEARWALL PLAN**  
 NOTE: 8'-10" WALL HEIGHT  
 (Except as noted)

SILL BEAM TO TOP PLATE  
 CONNECTIONS RESISTING  
 SHEAR LOADS  
 140mph WINDS EXPOSURE B

RAISED FOUNDATION ANCHORAGE--  
 SIMPSON #CS36 @ EACH STUD  
 (Start 12" or less from end of plates)  
 HOLD-DOWNS--  
 ■ SIMPSON # MSTC48B3Z  
 ■ SIMPSON # HTT5KT



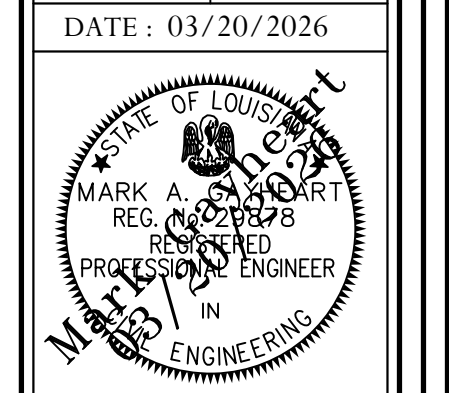
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NOTE!!!  
 Although every effort is preparing  
 and checking these plans for accuracy,  
 the user is responsible for verifying all  
 dimensions and conditions on site.  
 International Residential Code, 2021  
 applies to these building plans.

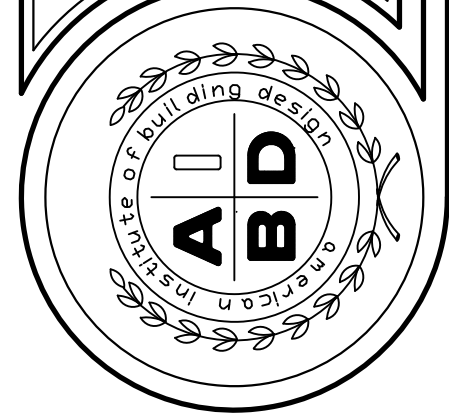
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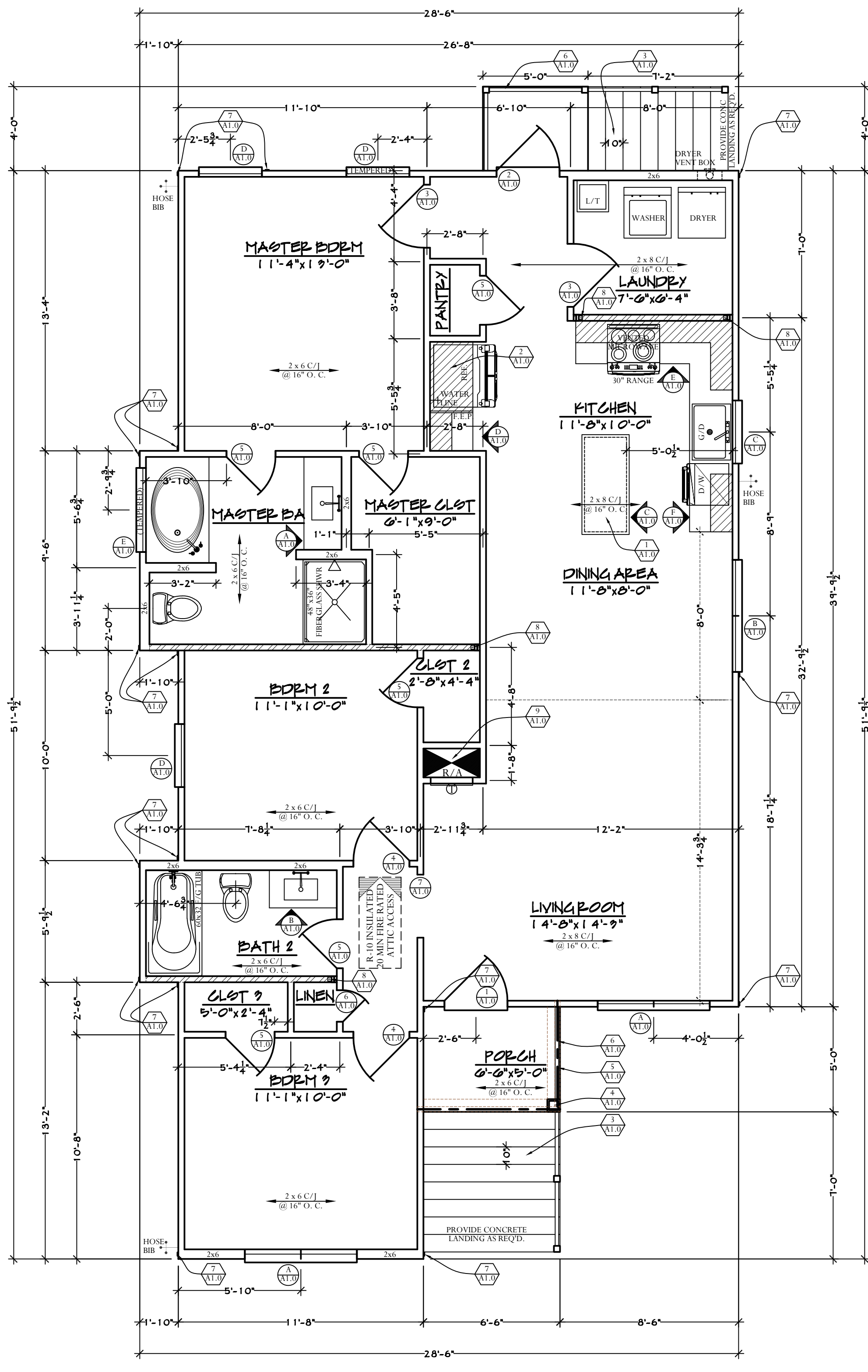
LOGAN & MADALYN RUANO  
 LOT # 27, GRAND S/D (LAWRENCE ST)  
 SHEARWALL PLAN

DATE: 03/20/2026



PLAN NUMBER:  
 26-4939





FLOOR PLAN  
NOTE: 8'-0" WALL HEIGHT (Except as noted)

NO.	NOTE
1	27" x 57" COUNTERTOP OVER KITCHEN ISLAND
2	24" DEEP CAB
3	SEE STAIR NOTES
4	8x8 COLUMN (SEE HOLLOW COLUMN DETAIL ON SHEET A2.1)
5	2x2x12 BM BELOW DOUBLE PLATE (BOX OUT EVEN W/ COLUMN)
6	GUARD RAIL (SEE STAIR NOTES)
7	TYPICAL -- SHEARWALL HOLD-DOWN SIMPSON # MSTC48B3
8	TYPICAL -- SHEARWALL HOLD-DOWN SIMPSON # HITSKT
9	VARIABLE LOCATION W/ MECH. CONTRACTOR & MHP22.1.F.1.3.1 (PROVIDE CAVITY DEPTH AS REQ'D FOR R-18 INSULATION)

- 2026 GENERAL NOTES:  
(ALL CONST. TO COMPLY W/ ALL STATE & LOCAL BLDG. CODES  
--2021 INTERNATIONAL RESIDENTIAL CODE & LATEST VERSIONS)  
1. MACALUSO HOME DESIGNS, INC. DOES NOT SPECIFY BRAND OF WINDOWS  
(Contractor or manufacturer is responsible for filling out maximum U-FACTOR, 40 & solar heat gain coefficient, 25 ratings)  
2. ALL EXT. WDW GLAZED OPENINGS SHALL BE PROTECTED. SEE WINDBORNE DEBRIS FASTING SCHEDULE PROVIDED  
3. OPENING PROTECTION  
OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH EITHER SOLID WOOD OR STEEL (HONEYCOMB CORE) DOORS NOT LESS THAN 1-3/4 INCH IN THICKNESS OR 20-MINUTE FIRE RATED DOOR.  
4. EMERGENCY ESCAPE AND RESCUE REQUIRED: EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE EMERGENCY ESCAPE AND RESCUE WINDOW WITH A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET & OPENING HEIGHT OF 24 INCHES (SILL HEIGHT NOT MORE THAN 44 INCHES ABOVE THE FLOOR TO THE BOTTOM OF THE CLEAR OPENING) OR EXTERIOR DOOR OPENING.  
5. FLOOR ELEVATIONS AT REQUIRED EGRESS DOORS, LANDINGS OR FINISHED FLOORS AT THE REQUIRED EGRESS DOOR SHALL NOT BE MORE THAN 1/4 INCHES LOWER THAN THE TOP OF THE THRESHOLD.  
EXCEPTION: THE LANDING OR FLOOR ON THE EXTERIOR SIDE SHALL NOT BE MORE THAN 7/8 INCHES BELOW THE TOP OF THE THRESHOLD PROVIDED THE DOOR DOES NOT SWING OVER THE LANDING OR FLOOR.  
6. ALL RAFTERS LARGER THAN 12/12 ROOF PITCH NEED TO BE 2x6's @16" O.C. (May vary - See elevations for further information)  
ALSO, FOR RAFTERS LARGER THAN 12/12 (Diagonally) NEED BE BRACED WITH STEENERS AND 10/0" HORIZONTAL  
HAS TO BE BRACED AT A SLOPE OF NOT LESS THAN 45 DEGREES FROM THE HORIZONTAL & SPACED NOT MORE THAN 4 FEET ON CENTER AND UNBRACED LENGTH OF BRACES SHALL NOT EXCEED 8 FEET AS PER 2021 I.R.C.  
7. EVERY RAFTER TO DOUBLE WALL PLATE & KNEE WALL TO BE TIED DOWN W/ SIMPSON # H8 HURRICANE CLIPS  
8. BRACE ROOF VALLETS OFF A BEAM OR A WALL  
9. IRC 602.5.1 -- PURLINS PERMITTED TO BE INSTALLED TO REDUCE THE SPAN OF RAFTERS AND SHALL BE SIZED NO LESS THAN THE REQUIRED SIZE OF THE RAFTERS THAT THEY SUPPORT AND TO BE CONTINUOUS.  
10. COLLAR TIE BRACING (Same size as rafters) ARE NECESSARY ON ALL RAFTERS REGARDLESS OF SPACING AND MUST BE SECURED WITH AT LEAST 6-16d NAILS ON EACH END OF BRACING.  
11. ROOF SHEATHING FASTENERS SEE SCHEDULE PROVIDED. INTERMEDIATE RAFTERS @ 6" O.C. SHALL HAVE 2 CLIPS AT ALL UNSUPPORTED EDGES OR BLOCKING BETWEEN RAFTERS.  
12. IRC 905.2.8 -- DRIP EDGE FOR THE ROOF IS NECESSARY  
13. IRC 703.8 -- FLASHING IS REQUIRED FOR EXTERIOR WALLS AND BTWN DECKS AND EXTERIOR WALLS.  
14. BUILDING THERMAL ENVELOPE TO COMPLY WITH LATEST 2021 IECC ROOMS (CLIMATE 2A)  
(INSULATION MIN R-VALUES = R-8 DUCTS, R-13 WALLS, R-38 CEILINGS, & R-19 FLOORS -- VERIFY INSULATION DEPTH REQUIREMENTS PRIOR TO ATTIC DECKING)  
ATTIC ACCESS R-10 OR GREATER W/ HATCH EDGE WEATHER STRIPPED AS REQ'D.  
INSULATE HOT & COLD WATERLINES IN UNCONDITIONED ATTIC AND CRAWL SPACES.  
15. ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION (SEC. 3902) AFCI -- SERVING ALL ELECTRICAL OUTLETS INCLUDING SMOKE DETECTOR POWER SUPPLY IN (Sleeping rooms) BEDROOMS.  
16. GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION (SEC. 3902) GFCI OUTLETS SERVING ALL WET AREAS (Kitchen counters, peninsula or island counters, laundry, bathrooms, & exterior installation as req'd)  
17. ALL H/B (hose bibs) ARE APPROXIMATE LOCATIONS (Verify location & quantity with owner, builder, or engineered pier layout)  
18. ALL SPOT LIGHTS ARE @ MAIN FLOOR LEVEL SILL HEIGHT (Verify with owner and/or builder prior to construction.)  
19. SIZE, SPACING, LOCATION & DIRECTION LAYOUT OF FLOOR TRUSS SYSTEM & ALL LVL. BMS. TO BE VERIFIED WITH MANUFACTURE ENGINEER OF RECORD OR TRUSS CO. PRIOR TO CONST.  
20. MECHANICAL CONTRACTOR (Verify floor layout with building contractor of record & framer prior to const.)  
21. PLUMBING CONTRACTOR (Verify floor layout with mechanical locations prior to const.)  
22. FRAMING CONTRACTOR (Verify floor layout with mechanical & plumbing locations prior to const.)  
23. IRC M1305.1.1 -- APPLIANCE ACCESS FOR INSPECTION SERVICE, REPAIR & REPLACEMENT  
(Mechanical and water heater systems) A LEVEL WORKING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. INSTALLATION OF ROOM HEATERS SHALL BE PERMITTED WITH A LEAST AN 18 INCH WORKING SPACE. A PLATFORM SHALL NOT BE REQUIRED FOR ROOM HEATERS.  
IRC M1305.1.3 -- APPLIANCES IN ATTICS (Attic Cat-walks) -- ACCESS SHALL HAVE CLEAR AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30 INCHES HIGH AND 22 INCHES WIDE AND NOT MORE THAN 20 FEET LONG WHEN MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE. THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING NOT LESS THAN 24 INCHES WIDE. A LEVEL SERVICE SPACE AT LEAST 30 INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 20 INCHES BY 30 INCHES, TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.  
24. VERIFY ELECTRICAL LAYOUT W/ ELECTRICIAN / OWNER PRIOR TO CONST.  
(Vapor tie lights, switch plates, & waterproof electrical wires)  
25. CLOSED CELL SPRAY FOAM, R21 MINERAL WOOL INSULATION OR APPROVED IN THE CEILING AS PER MANU. SPECS.  
26. PROVIDE SINGLE SIDED 1/2" inch PLY ARCEL FRON 2500 (Class A Intumescent coating)  
CEILING & SEALED W/ UL CLASSIFIED FIRE BARRIER SEALANT OR APPROVED AS PER IRC 2021 CODE  
27. PROVIDE WATER-RESISTIVE BARRIER (PROSOCO-R GUARD CAT 5 AIR & MOISTURE BARRIER AS PER MANU. SPECS)  
28. ALL PRESSURE TREATED LUMBER & BREAK-A-WAY WALLS W/ MOISTURE BARRIER & FLASHING AS REQ'D BELOW B.F.E.  
29. BUILDER TO VERIFY QUANTITY & LOCATION OF DIRT/STATIC VENTS AS PER CODE  
30. SEE ENGINEERED PLANS FOR SHEARWALL HOLD-DOWNS  
31. 8'-12" WALL HEIGHT (Except as noted)  
32. ADDRESS NUMBERS:  
APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. THESE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL BE A MINIMUM OF 4 INCHES HIGH WITH A MINIMUM STROKE WIDTH OF 1/2 INCH. WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING ADDRESS CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE.

- STAIR NOTES (REFERENCE IRC 2021 MANUAL - R311.7 STAIRWAYS)  
1. R311.3 FLOORS AND LANDINGS AT EXTERIOR DOORS -- THERE SHALL BE A LANDING OR FLOOR ON EACH SIDE OF EACH EXTERIOR DOOR. THE WIDTH OF EACH LANDING SHALL BE NOT LESS THAN THE DOOR SERVED. LANDINGS SHALL HAVE A DIMENSION OF NOT LESS THAN 36 INCHES MEASURED INT THE DIRECTION OF TRAVEL. THE SLOPE AT EXTERIOR LANDINGS SHALL NOT EXCEED 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL.  
2. STAIR RAILING & STAIR GUARD RAILING SHALL BE CONSTRUCTED TO WITHSTAND A CONCENTRATED LOAD OF 200 POUNDS APPLIED AT ANY POINT ALONG THE RAIL IN ANY DIRECTION. IT MUST ALSO WITHSTAND A UNIFORM LOAD, NOT CONCURRENTLY W/ THE CONCENTRATED LOAD, OF 50 POUNDS PER LINEAR FOOT APPLIED ALONG THE RAILS & POSTS (dn fill) SHALL WITHSTAND A HORIZONTAL LOAD OF 200 POUNDS APPLIED AGAINST ANY ONE SQ. FOOT AREA, NOT CONCURRENTLY W/ OTHER LOADS.  
3. R311.7.5.1 -- RISERS -- THE MAXIMUM STAIR RISER SHALL BE 7"  
4. R311.7.5.2 -- TREADS -- THE MINIMUM STAIR TREAD DEPTH SHALL BE 10"  
5. R311.7.5.7 -- STAIRWAY WALKING SURFACE -- TREADS OF LANDINGS & STAIRWAYS SHALL BE SLOPED NO STEEPER THAN ONE UNIT VERTICAL IN 48" HORIZONTAL (2% Sloped)  
6. R311.7.8 -- HANDRAILS -- SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS.  
7. R311.7.8.1 -- HANDRAIL HEIGHTS -- SHALL BE NOT LESS THAN 34" & NOT MORE THAN 38"  
8. R311.7.8.4 -- CONTINUTNITY -- HANDRAILS FOR STAIRWAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT. FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2" INCH BETWEEN THE WALL AND THE HANDRAILS.  
9. R311.7.8.5 -- GRIP SIZE -- THE STAIR HANDRAILS SHALL HAVE A CIRCULAR DIAMETER BETWEEN 1 1/2" TO 2" OR A NONCIRCULAR CROSS SECTION W/ EQUIVALENT GRASP ABILITY & BE CONTINUOUS WITHOUT OBSTRUCTIONS.  
10. R311.8.2 -- LANDINGS REQUIRED -- REQUIREMENTS ARE A MINIMUM 3-FOOT BY 3-FOOT SHALL BE PROVIDED:  
(At the top & bottom of ramps where doors open onto ramps & where ramps change direction)  
11. R312.1.3 -- STAIR RAILING TO BE DESIGNED AS SUCH A 4" SPHERE CAN NOT PASS THROUGH.  
12. CONTRACTOR TO FIELD MEASURE PRIOR TO STAIR CONSTRUCTION. ANY CHANGES SHALL BE REPORTED TO DESIGNER.  
13. 2x12 STRINGERS 16" O.C. (Max.)  
14. R302.7 UNDER STAIR PROTECTION -- ENCLOSED SPACE UNDER STAIRS THAT IS ACCESSED BY A DOOR OR ACCESS PANEL SHALL HAVE WALLS, UNDER-STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2 INCH GYPSUM BOARD.

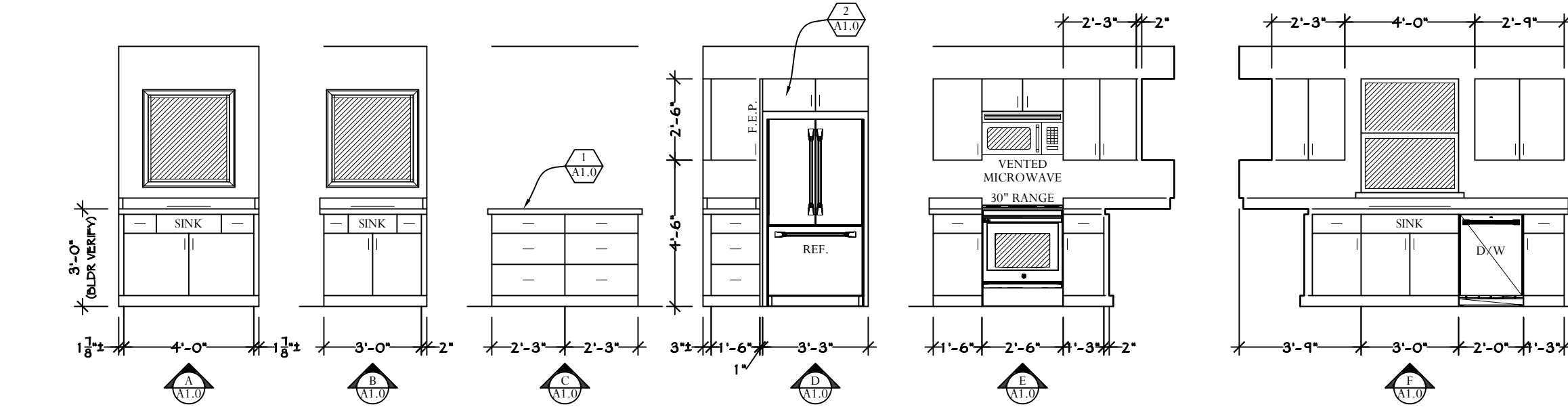
NO.	SIZE	LITE	DESCRIPTION	HDR. MK.	HDR. HT.
A	PR. 2/8	5/6	4/4	S/H VINYL	H2 7/0
B	PR. 2/8	5/6	1/1	S/H VINYL	H1 7/0
C	3/0	3/6	1/1	S/H VINYL	H1 7/0
D	3/0	5/0	1/1	S/H VINYL (SEE PLAN FOR TEMPERED LOCATION)	H1 7/0
E	4/0	4/0	1	FIXED VINYL (TEMPERED)	H2 7/0

NO.	SIZE	THK	DESCRIPTION	HDR. MK.	HDR. HT.
1	3/0	6/8	1 1/2" 6 LITE OVER 1 PANEL	H1	EXT.
2	3/0	6/8	1 1/2" 1 LITE (ALL GLASS)	H1	EXT.
3	3/0	6/8	1 1/2" RAISED PANEL	H1	INT.
4	2/8	6/8	1 1/2" RAISED PANEL	H1	INT.
5	2/4	6/8	1 1/2" RAISED PANEL	H1	INT.
6	1/6	6/8	1 1/2" RAISED PANEL	H1	INT.
7	3/0	6/8	CASED OPENING	H1	INT.

NO.	SIZE	MTRL.	TRIMMER STRAPS EA	JACK STUDS	KING STUDS	TOP PLATE KING STDS	SOLE PLATE HOLD DN	NOTES
H1	0'-4'-0"	(2) 2X10	LSTA18	1	1	TSP	TSP	PROVIDE HEADER STRAPS WITH SHEATHING INSTALLED VERTICALLY OVER OPENINGS WITH: 1) NO VERTICAL SEAMS WITHIN 12" OF OPENING EDGE. 2) SHEATHING IS ATTACHED W/PANEL EDGE NAILING PER SCHEDULE INTO KING & JACK STUDS, HDR & SILL. 3) WIDTH OPENINGS ARE CUT THROUGH SHEATHING POST INSTALLATION.
H2	4'-8'-0"	(2) 2X12	LSTA24	2	2	TSP	MSTC48B3	EXTEND HDR INTO SHEARWALL 1-3 1/2" ATTIC TO SHEATHING
H3	CONT.	(2) 2X12 W/ FINISHNG	LSTA24	2	2	TSP	MSTC48B3	EXTEND HDR INTO SHEARWALL UNDER BM BEARING POINT
H4	CONT.	(2) 2X12 LVL E2.0	LSTA24	2	2	TSP	MSTC48B3	LOCATE (1) CRIPPLE STUDS UNDER BM BEARING POINT
H5	CONT.	(3) 2X12 LVL E2.0	LSTA24	2	2	TSP	MSTC48B3	LOCATE (1) CRIPPLE STUDS UNDER BM BEARING POINT

DESCRIPTION	NO. OF COMMON NAILS	NO. OF FACE NAILS	SPACING
HEAD TO HEAD (FACE NAILED)	8d	10d	3" o.c. / EDGES 6" o.c. / FIELD

NOTE -- ALL HDRS TO HAVE SOLID BLOCKING



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LOGAN & MADALYN RUANO  
LOT # 27, GRAND S/D (LAWRENCE ST)  
DATE: 03/20/2026  
FLOOR PLAN

PLAN NUMBER:  
26-4939

SHEET A1.0

ROOF NOTE:

--R905.1.1 UNDERLAYMENT SHALL BE TWO LAYERS OF 30# FELT APPLIED IN THE FOLLOWING MANNER: APPLY A 19-INCH STRIP OF UNDERLAYMENT FELT PARALLEL TO AND STARTING AT THE EAVE, APPLY 36-INCH-WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19 INCHES. DISTORTIONS IN THE UNDERLAYMENT SHALL NOT INTERFERE WITH THE ABILITY OF THE SHINGLES TO SEAL. END LAPS SHALL BE 4 INCHES AND SHALL BE OFFSET BY 6 FEET.

EXCEPTIONS:

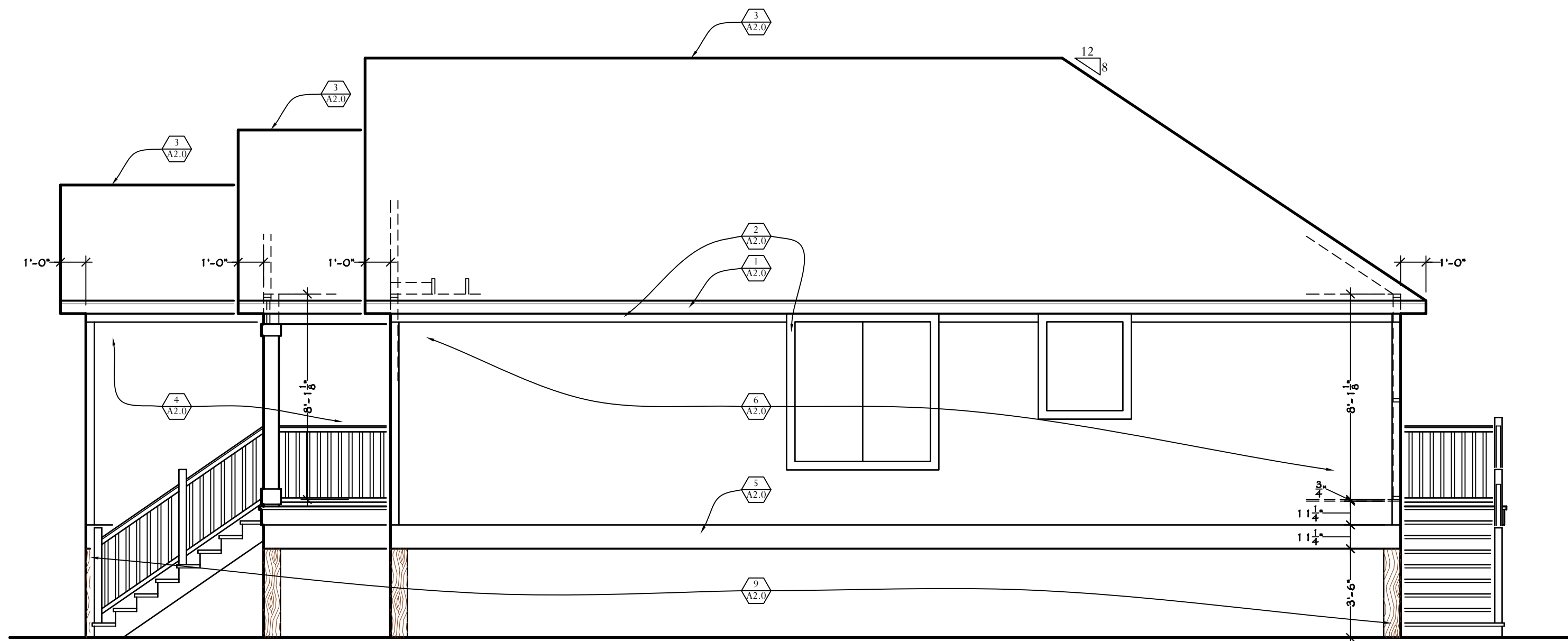
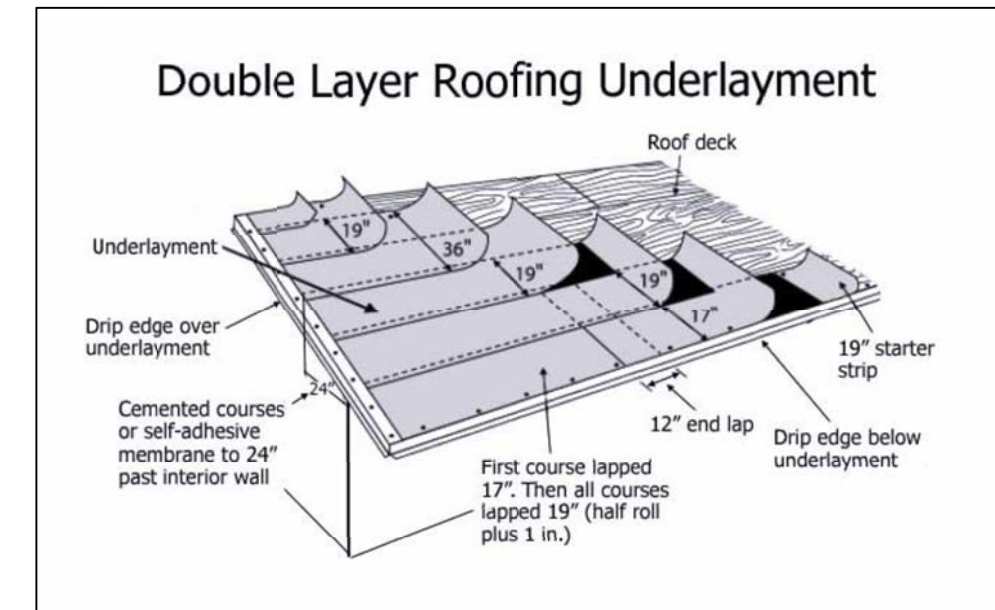
- AS AN ALTERNATIVE, SELF-ADHERING POLYMER-MODIFIED BITUMEN UNDERLAYMENT BEARING A LABEL INDICATING COMPLIANCE WITH ASTM D1970 AND INSTALLED IN ACCORDANCE WITH BOTH THE UNDERLAYMENT MANUFACTURER'S AND ROOF COVERING MANUFACTURER'S INSTRUCTIONS FOR THE DECK MATERIAL, ROOF VENTILATION CONFIGURATION AND CLIMATE EXPOSURE FOR THE ROOF COVERING TO BE INSTALLED, SHALL BE PERMITTED.
- AS AN ALTERNATIVE, A MINIMUM 4-INCH-WIDE (102 MM) STRIP OF SELF-ADHERING POLYMER-MODIFIED BITUMEN MEMBRANE BEARING A LABEL INDICATING COMPLIANCE WITH ASTM D1970, INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DECK MATERIAL, SHALL BE APPLIED OVER ALL JOINTS IN THE ROOF DECKING. AN APPROVED UNDERLAYMENT COMPLYING WITH TABLE R905.1.1(1) FOR THE APPLICABLE ROOF COVERING FOR AREAS WHERE WIND DESIGN IS NOT REQUIRED IN ACCORDANCE WITH FIGURE R301.2.1.1 SHALL BE APPLIED OVER THE ENTIRE ROOF OVER THE 4-INCH-WIDE (102 MM) MEMBRANE STRIPS. UNDERLAYMENT SHALL BE APPLIED IN ACCORDANCE WITH TABLE R905.1.1(2) USING THE APPLICATION REQUIREMENTS FOR AREAS WHERE WIND DESIGN IS NOT REQUIRED IN ACCORDANCE WITH FIGURE R301.2.1.1. UNDERLAYMENT SHALL BE ATTACHED IN ACCORDANCE WITH TABLE R905.1.1(3).

- PROVIDE TECH-SHIELD 8" ROOF DECK (RADIANT BARRIER) AS REQ'D.
- PROVIDE GUTTER, DOWNSPOUTS & SUB-SURFACE DRAINAGE AS REQ'D.
- SEE OTHER GENERAL NOTES #6-10 ON SHEET A1.0

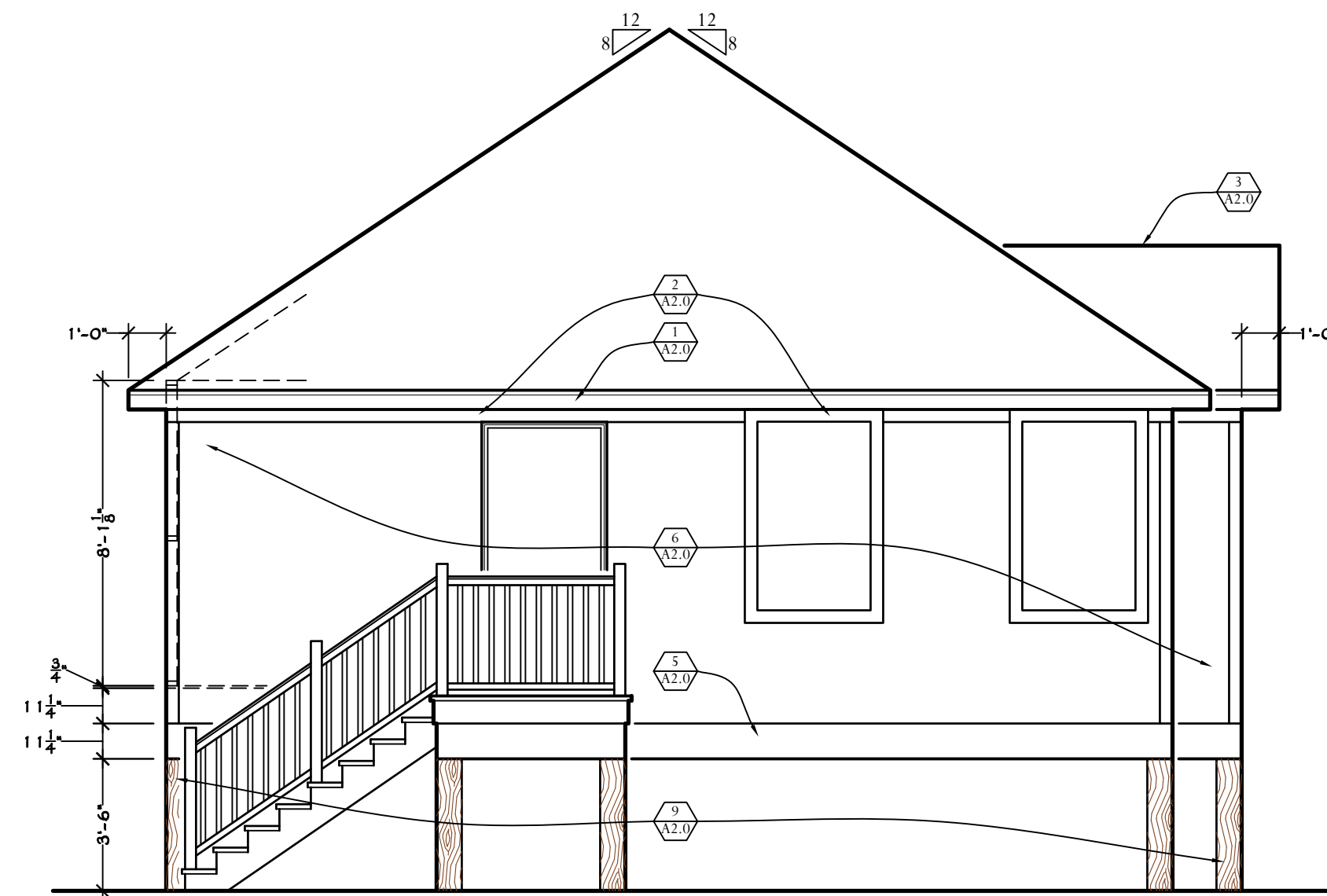
NO	NOTE
1	TYPICAL - 6" SQUARE FASCIA
2	2"x4" HARDIE TRIM (AS PER MANU SPECS.)
3	WFCM 3.5.1.4 RIDGE BEAMS (TYPICAL) (2x10 CONT. - A2.1 PAGE)
4	HARDIE BOARD AND BATTEN SIDING (IBC 1405.15-17.2) W/ INSULATION BEHIND (COMPLY W/ ASTM D-3679 R-MEN)
5	2"x12" HARDIE TRIM (AS PER MANU SPECS.)
6	VINYL SIDING (DOUBLE 4") (USE CERTAINTED MAINSTREET THAT MEETS 150MPH OR EQUAL)
7	FRONT GABLE DECORATIVE TRUSS: 2 x 6 CYPRESS BOARDS SCREWED TOGETHER & BACK OF 2 x 6 FASCIA BOARD AS REQ'D (SEE BUILDER)
8	FYPON # LV12K24
9	SEE ENGINEERED FOUNDATION PLAN
10	LATTICE (SEE BUILDER FOR LOCATION & P/T INSTALLATION REQUIREMENTS)

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS			
FASTENER TYPE	FASTENER SPACING		
	PANEL SPAN < 4 FOOT	4 FOOT PANEL SPAN < 6 FOOT	5 FOOT PANEL SPAN < 8 FOOT
#10 WD-SCREW-BASED ANCHOR w/ MIN. 2" EMBEDMENT LENGTH	16"	12"	9"
1/4" LAG-SCREW-BASED ANCHOR w/ MIN. 2" EMBEDMENT LENGTH	16"	16"	12"

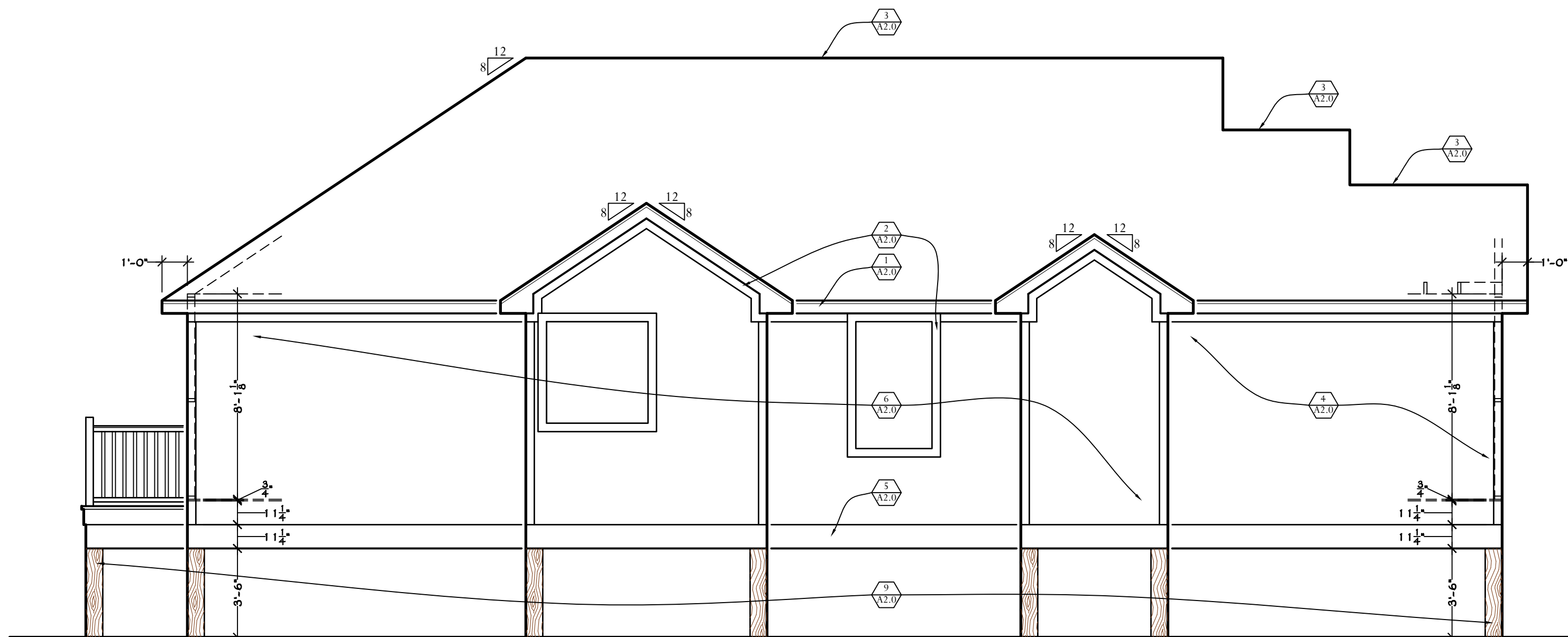
\*ALL WDWS & DRS ASSEMBLIES SHALL BE PRESSURE RATED TO +/- 55 PSF.  
\*ALL COMPONENT & CLADDING ROMNTS SHALL BE PRESSURE RATED TO +/- 55 PSF.



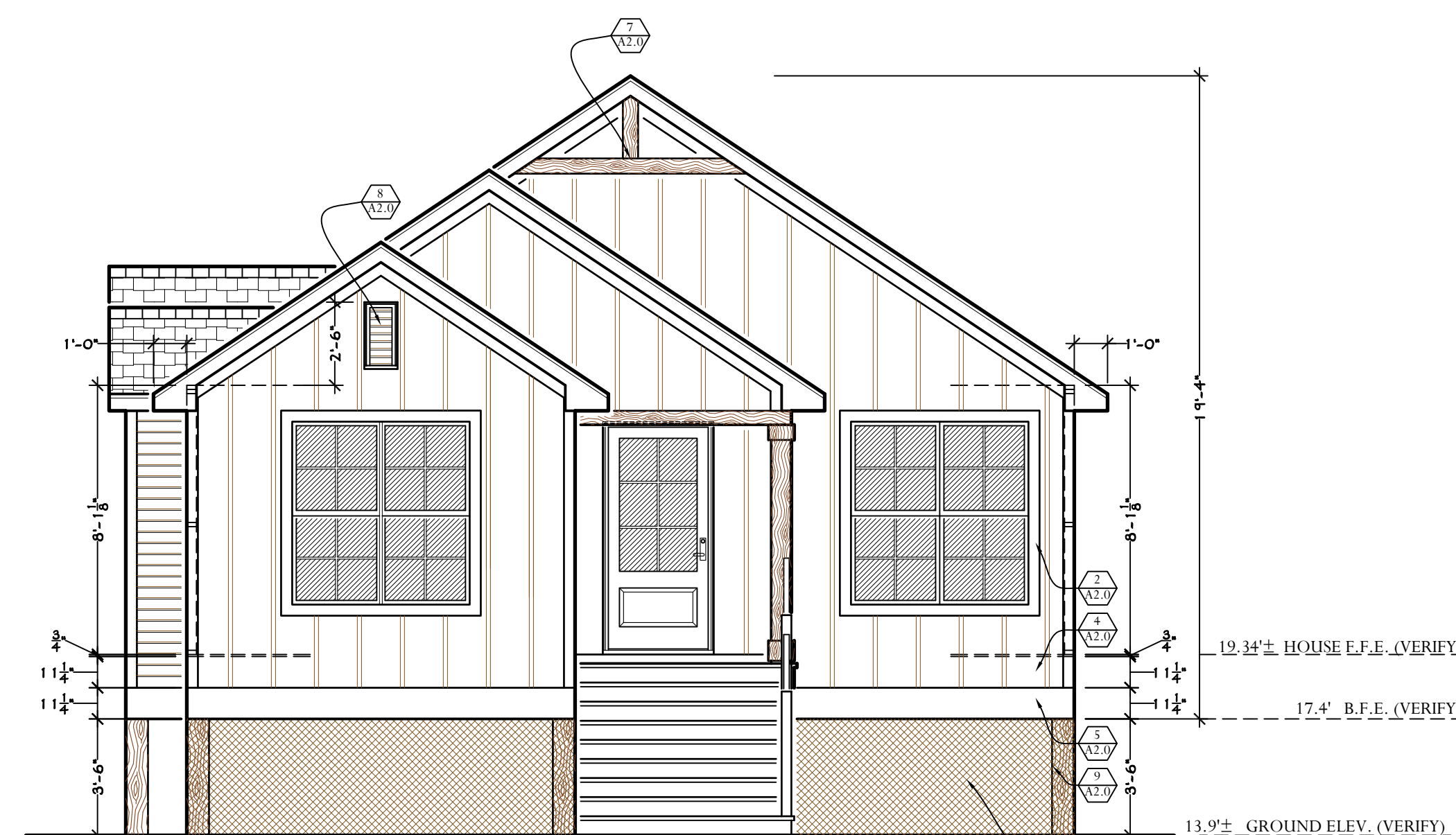
RIGHT ELEVATION 1/4"



REAR ELEVATION 1/4"



LEFT ELEVATION 1/4"



FRONT ELEVATION 1/4"

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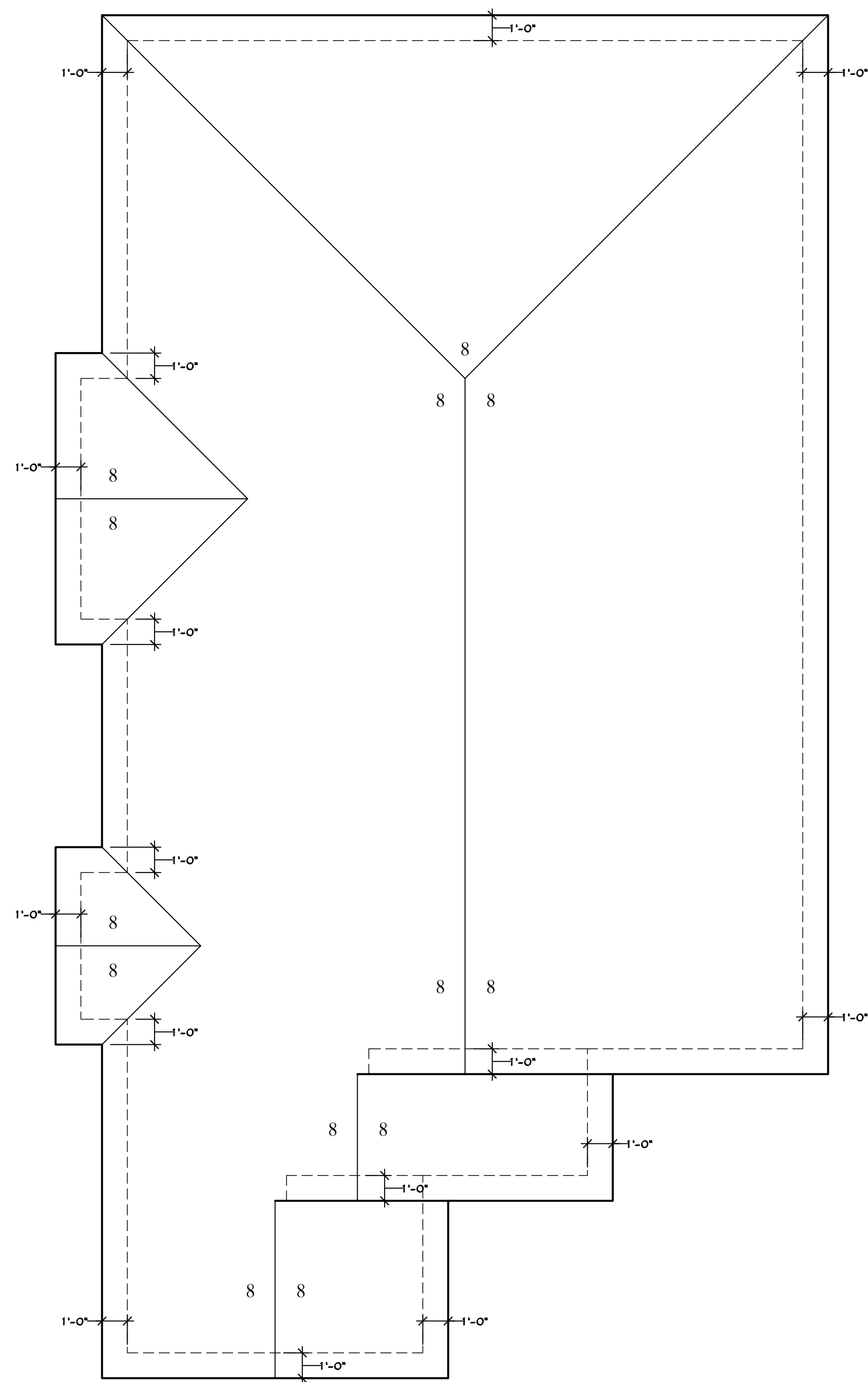
LOGAN & MADALYN RUANO  
LOT # 27, GRAND S/D (LAWRENCE ST)  
ELEVATIONS

DATE: 03/20/2026

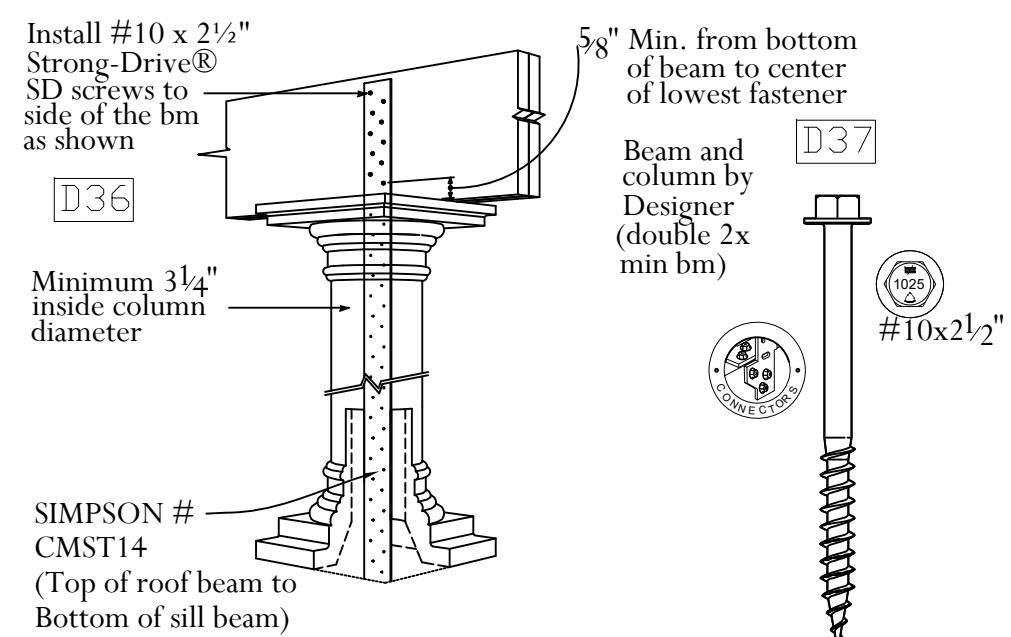
STATE OF LOUISIANA  
MARK A. RUANO  
REGISTERED PROFESSIONAL ENGINEER  
IN MECHANICAL ENGINEERING

PLAN NUMBER:  
26-4939

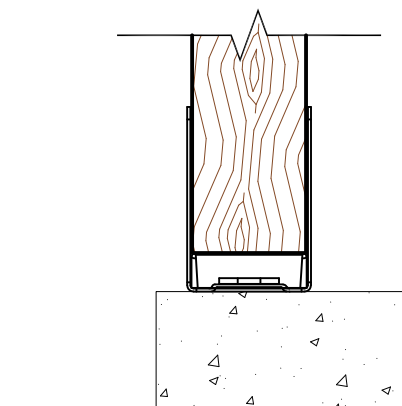
ABD  
Architectural Building Design



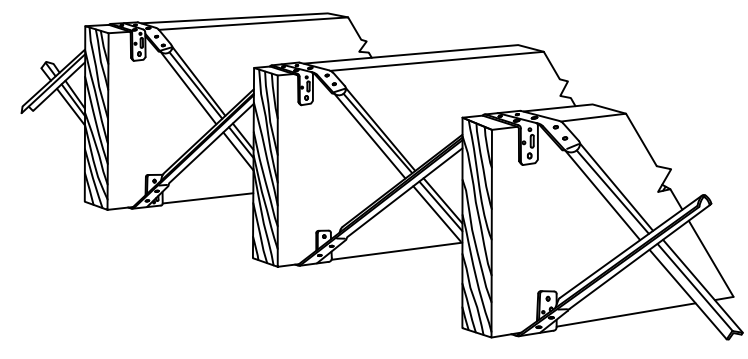
**ROOF PLAN**  
 CORRECT ROOF VENTILATION:  
 - As a general rule, one square foot of net free vent area per 300 square feet of attic floor or area to be vented is recommended.  
 - For a balanced system, ventilation should be equal at the under-eave and ridge.  
 - For an unbalanced system, always provide more than 50% of the total required ventilation at the under-eave and the remainder at the upper portion of the roof.



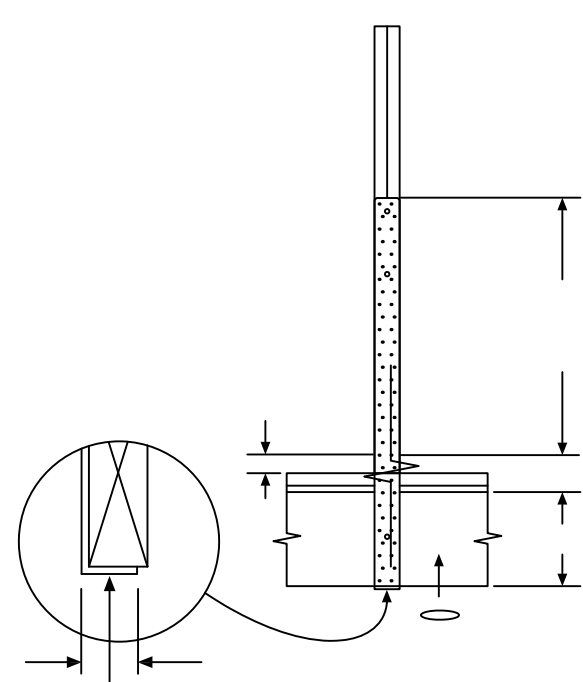
**HOLLOW POST CONNECTION**  
 SIMPSON # CMST14--Uplift Connector



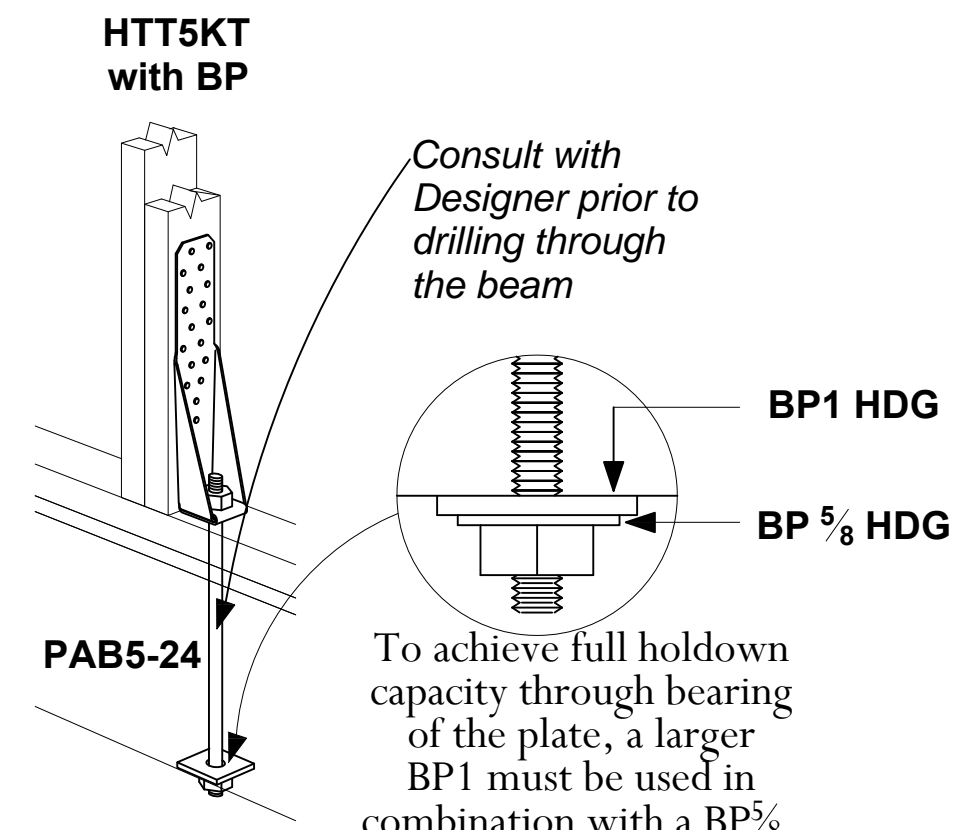
**UPLIFT & HOLD DOWN**  
 SIMPSON # ABU44



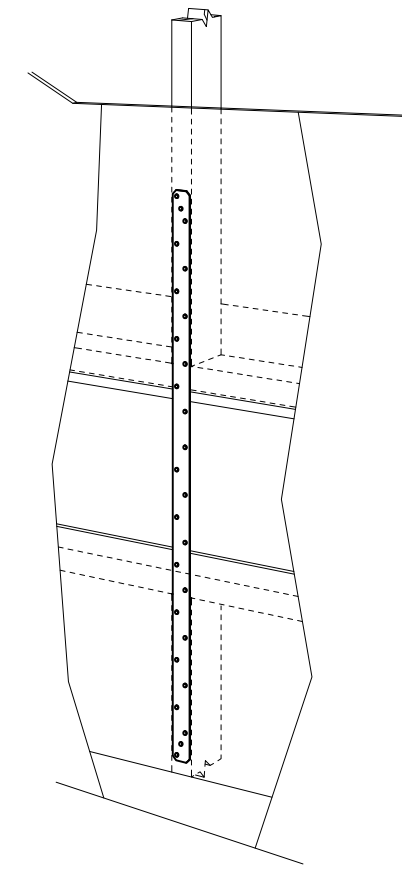
**FLOOR JOIST TO FLOOR JOIST**  
 SIMPSON # TB27--Bridging



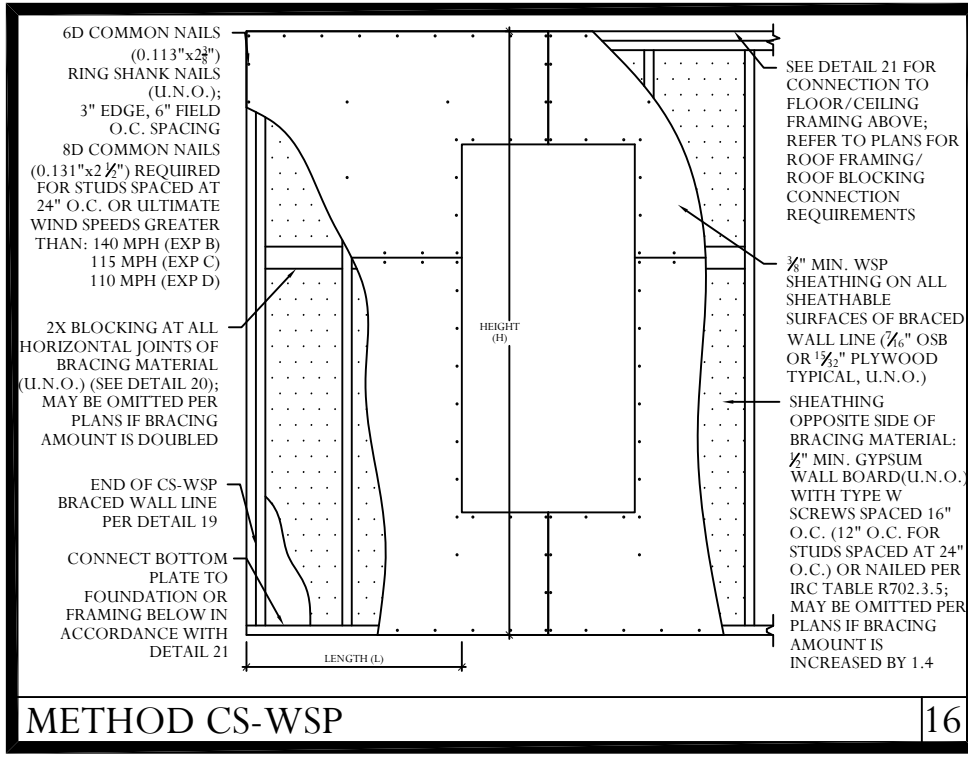
**CORNER WALL HOLD-DOWN**  
 SIMPSON # MSTC48B3Z--Uplift Connector  
 (SEE FLOOR PLANS FOR LOCATIONS)



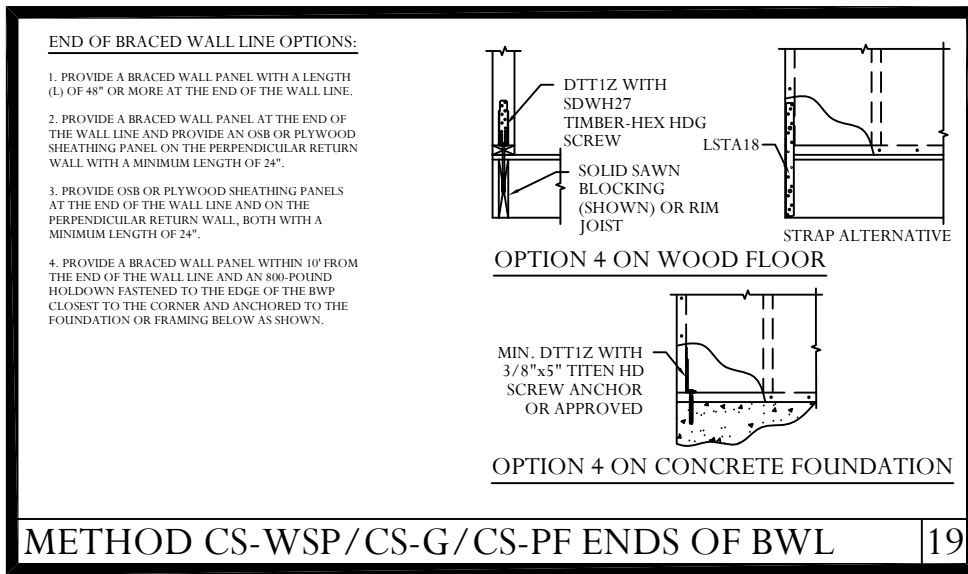
**INTERIOR CORNER HOLD-DOWN**  
 SIMPSON # HTT5KT--Uplift Connector  
 (SEE FLOOR PLANS FOR LOCATIONS)



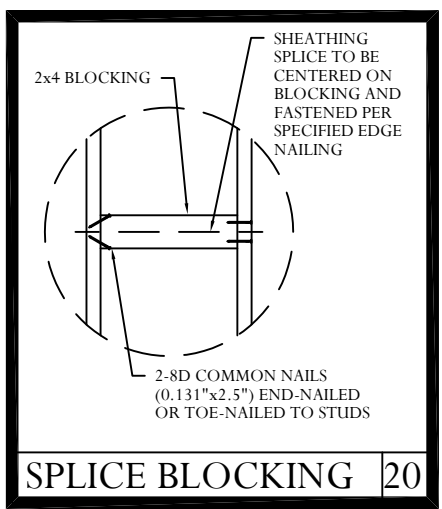
**EACH STUD FLOOR TO FLOOR STRAP**  
 SIMPSON # CS (36" LENGTH)--Uplift Connector  
 Fill the nail holes to the top stud before the roof is installed and then fill bottom stud nails after. **Note:** Rim joist nails are not required.



**METHOD CS-WSP** 16

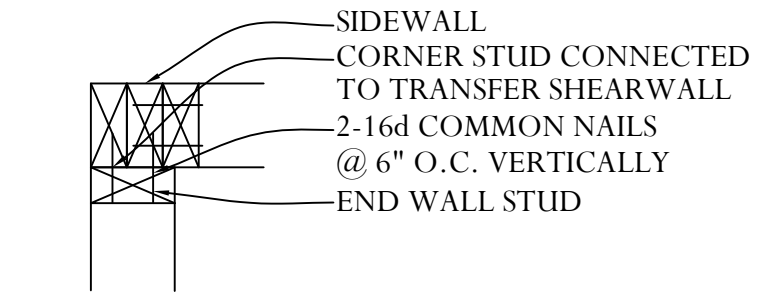


**METHOD CS-WSP/CS-G/CS-PF ENDS OF BWL** 19

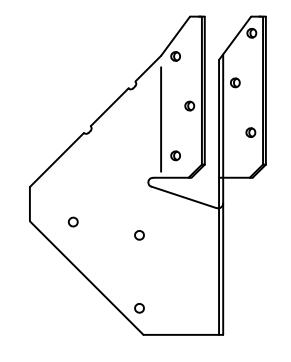


**SPLICE BLOCKING** 20

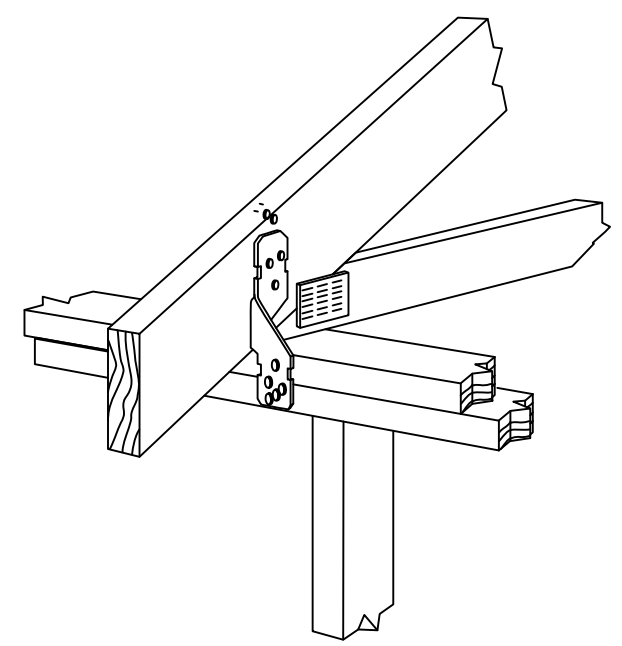
**NOTE:**  
 SEE ENGINEERING PLAN  
 FOR ALL STRUCTURAL FRAMING LAYOUTS,  
 DETAIL, & FOUNDATION ENGINEERING.



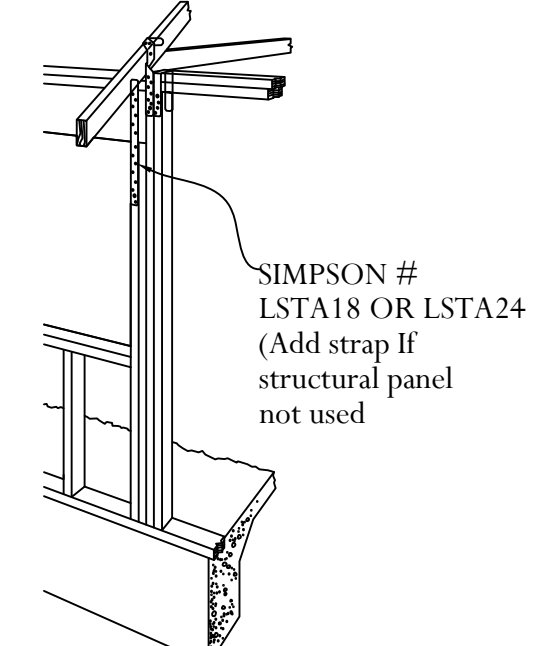
**TYP. WALL CORNER**



**HIP CORNER PLATE**  
 SIMPSON # HCP--Uplift Connector



**EACH RAFTER TO TOP PLATE**  
 SIMPSON # H8--Uplift Connector



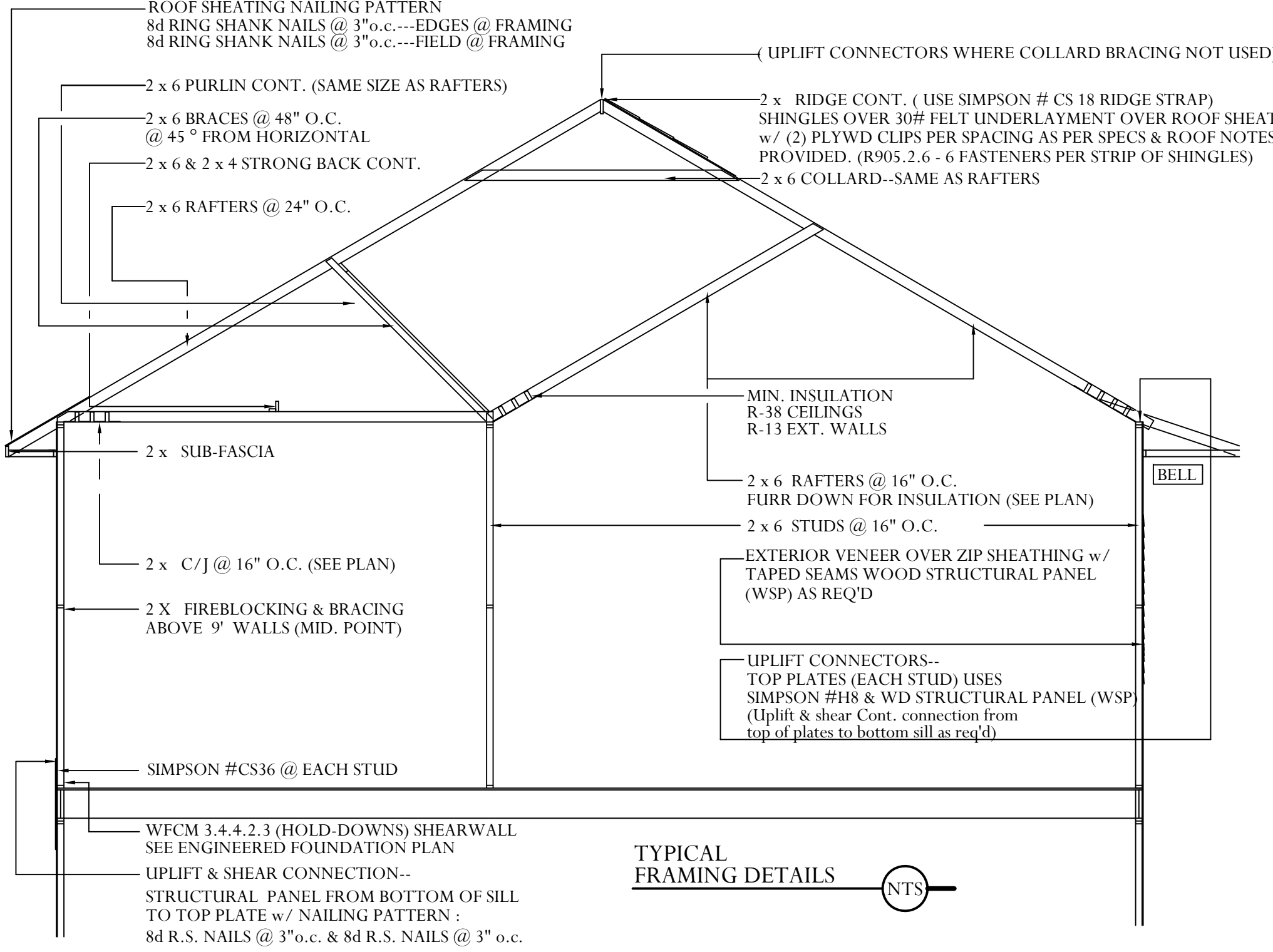
**TYP. HEADER ANCHORAGE**  
 SIMPSON # LSTA18 OR LSTA24--Uplift Connector

**WALL SHEATHING 7/16" REQUIRED FOR WIND LOAD (140mph) --EXPOSURE B**

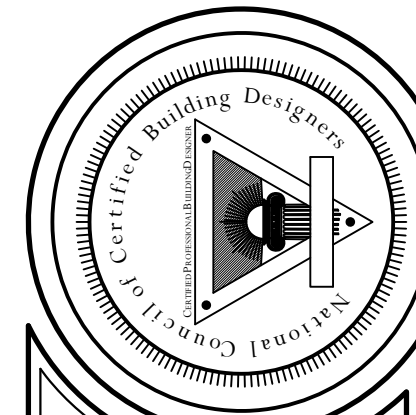
SHEATHING LOCATION	STUD SPACING	EDGES		FIELDS	
		MAX NAIL SPACING 0.113" X 2-3/8" RING SHANK NAILS			
INTERIOR ZONE	16" O.C.	3	3	3	3
PERIMETER EDGE ZONE	16" O.C.	3	3	3	3

**ROOF SHEATHING 15/32" REQUIRED FOR WIND LOAD (140mph) --EXPOSURE B**

SHEATHING LOCATION	RFTRS / TRUSS SPACING	EDGES		FIELDS	
		MAX NAIL SPACING 0.113" X 2-3/8"(8d) RING SHANK NAILS			
INTERIOR ZONE	16" O.C.	3	3	3	3
PERIMETER EDGE ZONE	16" O.C.	3	3	3	3
	24" O.C.	3	3	3	3



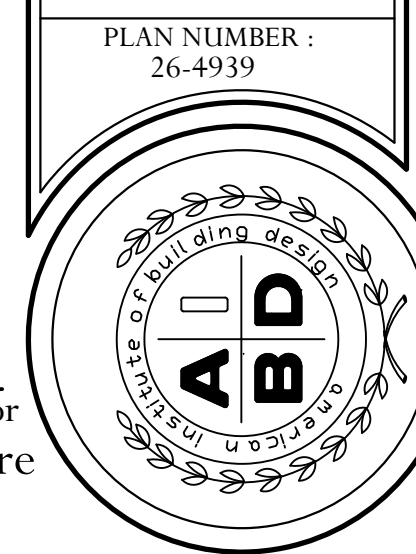
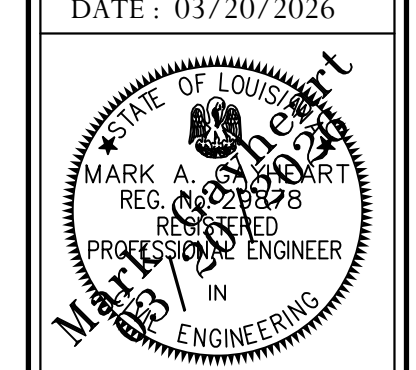
**TYPICAL FRAMING DETAILS** NTS



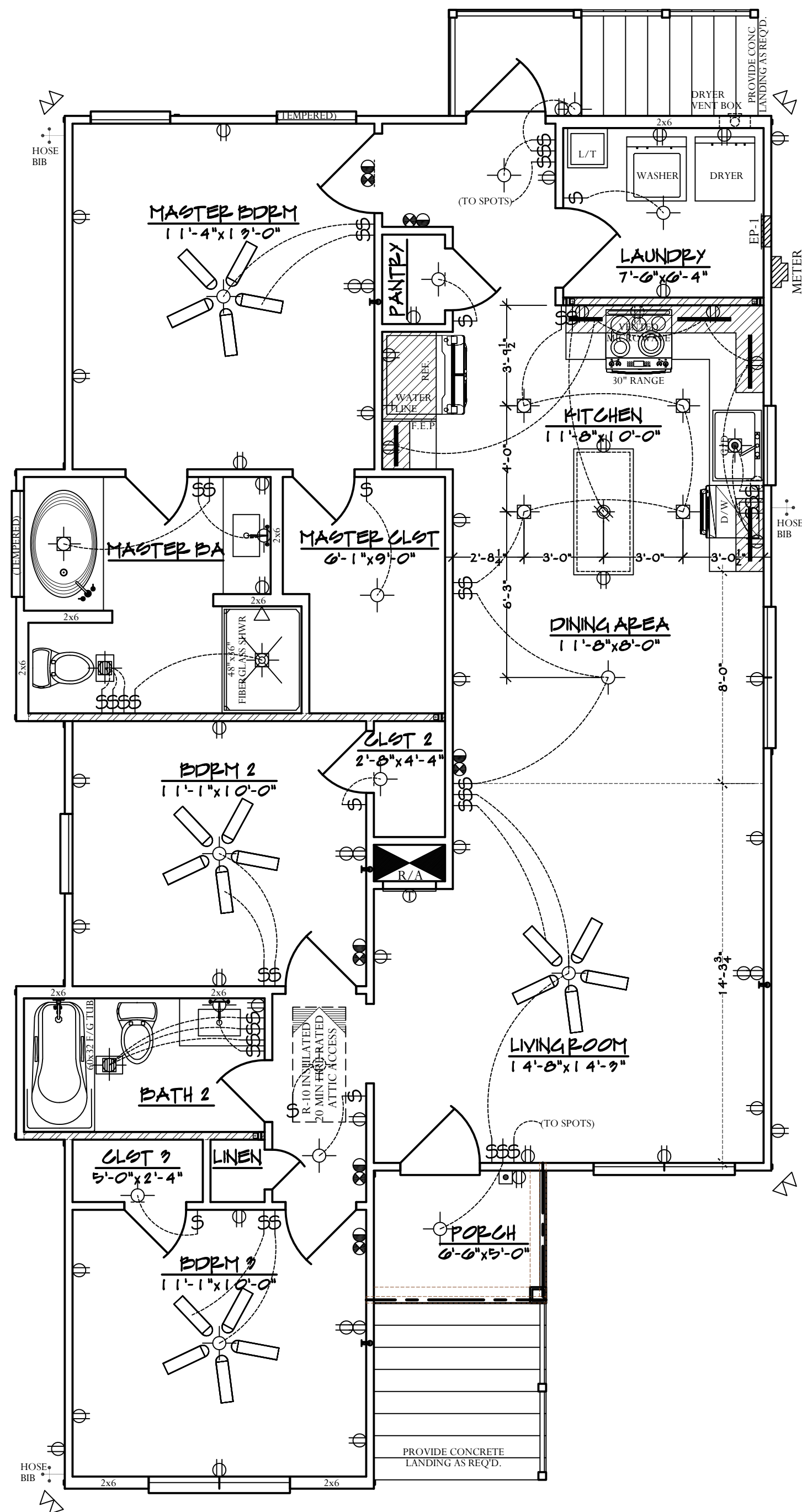
LOGAN & MADALYN RUANO  
 LOT # 27, GRAND S/D (LAWRENCE ST)  
 DATE: 03/20/2026  
 MARK A. MADALYN RUANO  
 REGISTERED PROFESSIONAL ENGINEER  
 IN THE STATE OF LOUISIANA  
 LICENSE NO. 10287  
 PLAN NUMBER: 26-4939

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 204 Village Circle • Suite 2 • Slidell, Louisiana 70458  
 F: (985)641-1859

**ROOF PLAN & FRAMING DETAILS**



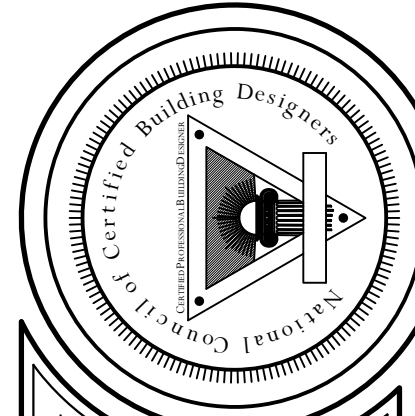
SHEET A2.1



**ELECTRICAL PLAN**  
 NOTE: 8'-0" WALL HEIGHT  
 (Except as noted)

ELECTRICAL LEGEND			
Ⓜ	DIMMER SWITCH	⊗	
Ⓢ	SWITCH	⊗	CEILING FAN
⊙	LIGHT	⊙	ATTIC LIGHT
⊙	WALL MOUNT LIGHT	⊙	PENDANT LIGHT
⊙	6" RECESS CAN	⊙	HEATER /LIGHT / VENT
⊙	4" RECESS CAN	⊙	LIGHT / VENT
⊙	4' or 8' ELEC. STATIC FLOURESCENT LIGHT	⊙	VENT ONLY
⊙	110 V OUTLET	⊙	DOOR BELL
⊙	220 V OUTLET	⊙	CARBON MONOXIDE DETECTOR
⊙	FLOOR or CLG OUTLET	⊙	SMOKE DETECTOR
⊙	WATER PROOF--GROUND FAULT INTERRUPTER CIRCUIT	⊙	FLEXIBLE POLYETHYLENE HDPE CORRUGATED WIRE
⊙	GROUND FAULT INTERRUPTER CIRCUIT	⊙	LOOM 1/2" DIA. TUBE
⊙	SPOT LIGHT	⊙	CAT 6
⊙	WALL MOUNT FAN	⊙	SECURITY CAMERA
⊙	ELECTRICAL PANEL	⊙	UNDER CAB LIGHTS (LED)
⊙	ELECTRICAL METER	⊙	TANKLESS WTR HTR

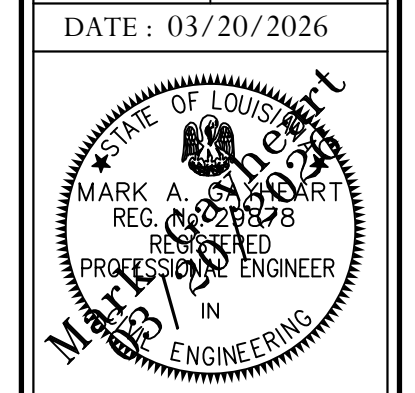
**NOTES:** (2020 N.E.C. CODE BOOK)  
 --AN EMERGENCY SERVICE DISCONNECT IS REQUIRED IN A READILY ACCESSIBLE OUTDOOR LOCATION.  
 --A SURGE-PROTECTIVE DEVICE (SPD) IS REQUIRED AT THE SERVICE PANEL.  
 --THE NUMBER OF RECEPTACLE OUTLETS REQUIRED FOR PENINSULAR AND ISLAND COUNTERTOPS IN KITCHEN IS DETERMINED BY THE AREA OF THE COUNTERTOP SURFACE.  
 --GFCI PROTECTION IS NOW REQUIRED FOR DAMP AND WET LOCATIONS NOT INCLUDED IN THE OTHER AREAS REQUIRING GFCI PROTECTION.



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 NOTE!!! Although every effort is made in preparing and checking these plans for accuracy, the user is responsible for checking all related square footage, loadings, and other information against the International Residential Code, 2021 edition, and all applicable local codes and regulations.

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LOGAN & MADALYN RUANO  
 LOT # 27, GRAND S/D (LAWRENCE ST)  
 ELECTRICAL PLAN  
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