

DESIGN LOADS:

FLOOR: 40lbs LIVE LOAD + 10lbs DEAD LOAD  
SOIL BEARING CAPACITY: 2000 PSF  
THESE PLANS WERE DESIGNED TO MEET  
2015 VIRGINIA RESIDENTIAL CODE &  
2015 INTERNATIONAL RESIDENTIAL CODE  
115 MPH ULTIMATE DESIGN WIND SPEED  
EXPOSURE B  
SEISMIC ZONE B

DECK NOTES:

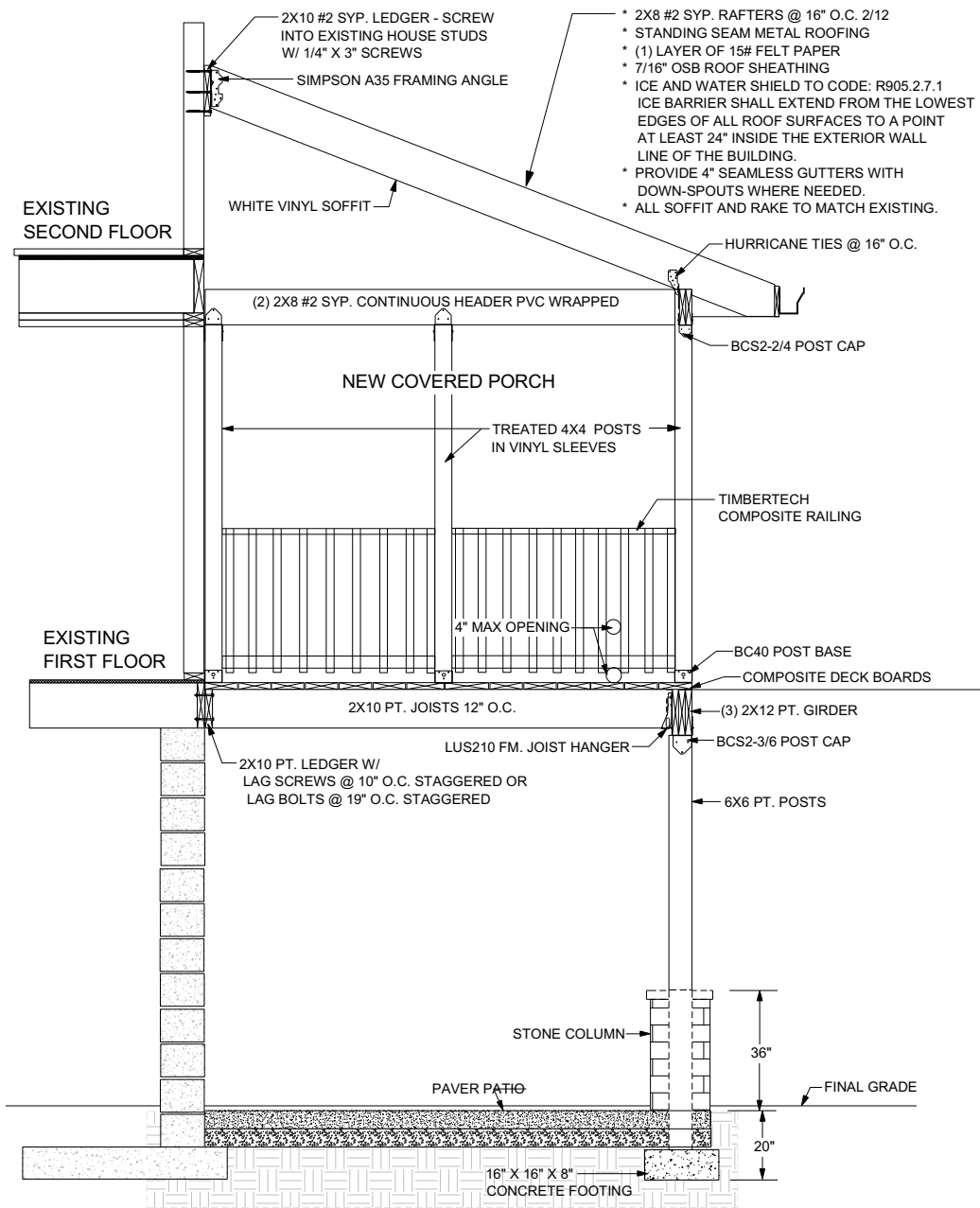
- \* ALL DECK STRUCTURAL MATERIAL SHALL BE PRESERVATIVE TREATED WOOD.
- \* ALL SCREWS, BOLTS, NAILS AND FASTENERS SHALL BE HOT DIPPED GALVANIZED, STAINLESS STEEL.
- \* WHERE ATTACHING THE DECK TO THE HOUSE, THE HOUSE SHALL HAVE A TREATED BAND THE ENTIRE LENGTH OF THE ATTACHMENT.
- \* FLASHING SHALL BE A MINIMUM OF 19 MIL. THICK CORROSIVE-RESISTANT METAL OR APPROVED NON-METALLIC MATERIAL. ALUMINUM IS NOT ALLOWED.

STAIR NOTES:

- R311.7.5.1 & R311.7.5.2 THE MAXIMUM RISER HEIGHT SHALL BE 8-1/4". THE MINIMUM TREAD DEPTH SHALL BE 9". THERE CAN BE NO MORE THAN 3/8" IN THE TREAD DEPTH OR HEIGHT.
- R311.7.2 THE MINIMUM HEADROOM IN ALL PARTS OF THE STAIRWAY SHALL NOT BE LESS THAN 6'-8" MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OF THE LANDING OR PLATFORM.
- R-311.7.8 HANDRAILS SHALL BE PROVIDED ON AT LEAST ON SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS. HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING TREAD NOSING SHALL BE NOT LESS THAN 34" AND NOT MORE THAN 38".
- R311.7.8.2 HANDRAILS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM THE 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 TERMINATED INTO A NEWEL POST. HANDRAILS ADJACENT TO A WALL SHALL NOT HAVE A SPACE OF LESS THAN 1-1/2" BETWEEN THE WALL AND THE HANDRAIL
- R311.7.8.3 HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1-1/4" AND NOT GREATER THAN 2". IF A HANDRAIL IS NOT CIRCULAR IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4" AND NOT GREATER THAN 6-1/4" WITH A MINIMUM CROSS SECTION DIMENSION OF 2-1/4".
- R311.7.1 STAIRWAYS SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT. HANDRAILS SHALL NOT PROJECT MORE THAN 4.5" ON EACH SIDE OF THE STAIRWAY AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, SHALL NOT BE LESS THAN 31.5" WHERE A HANDRAIL IS INSTALLED ON ONE SIDE AND 27" WHERE HANDRAILS ARE PROVIDED ON BOTH SIDES.

ROOF NOTES:

- \* 2X8 #2 SYP. RAFTERS @ 16" O.C. 2/12
- \* 2X10 #2 SYP LEDGER W/ (3) 1/4" X 3" SCREWS PER STUD
- \* A35 - FRAMING ANGLES - RAFTER TO LEDGER CONN.
- \* H2.5 - HURRICANE TIES - RAFTER TO HEADER CONN.
- \* STANDING SEAM METAL ROOFING
- \* (1) LAYER OF 15# FELT PAPER
- \* 7/16" OSB ROOF SHEATHING.
- \* ICE AND WATER SHIELD TO CODE: R905.2.7.1
- \* ICE BARRIER SHALL EXTEND FROM THE LOWEST EDGES OF ALL ROOF SURFACES TO A POINT AT LEAST 24" INSIDE THE EXTERIOR WALL LINE OF THE BUILDING.
- \* PROVIDE 4" SEAMLESS GUTTERS WITH DOWN-SPOUTS WHERE NEEDED.
- \* ALL SOFFIT AND RAKE TO MATCH EXISTING.
- \* WHITE VINYL ATTACHED TO BOTTOM OF RAFTERS



CROSS SECTION



| REVISION TABLE |             |
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| NUMBER         | DESCRIPTION |
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DECK CREATIONS

JOB LOCATION:  
RESIDENCE

DATE:  
6/23/2021

SCALE:

SHEET:  
1 / 5