IRC REQUIREMENTS FOR ROOF COVERINGS

R905.2.2 SLOPE. ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12) DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.2.7.

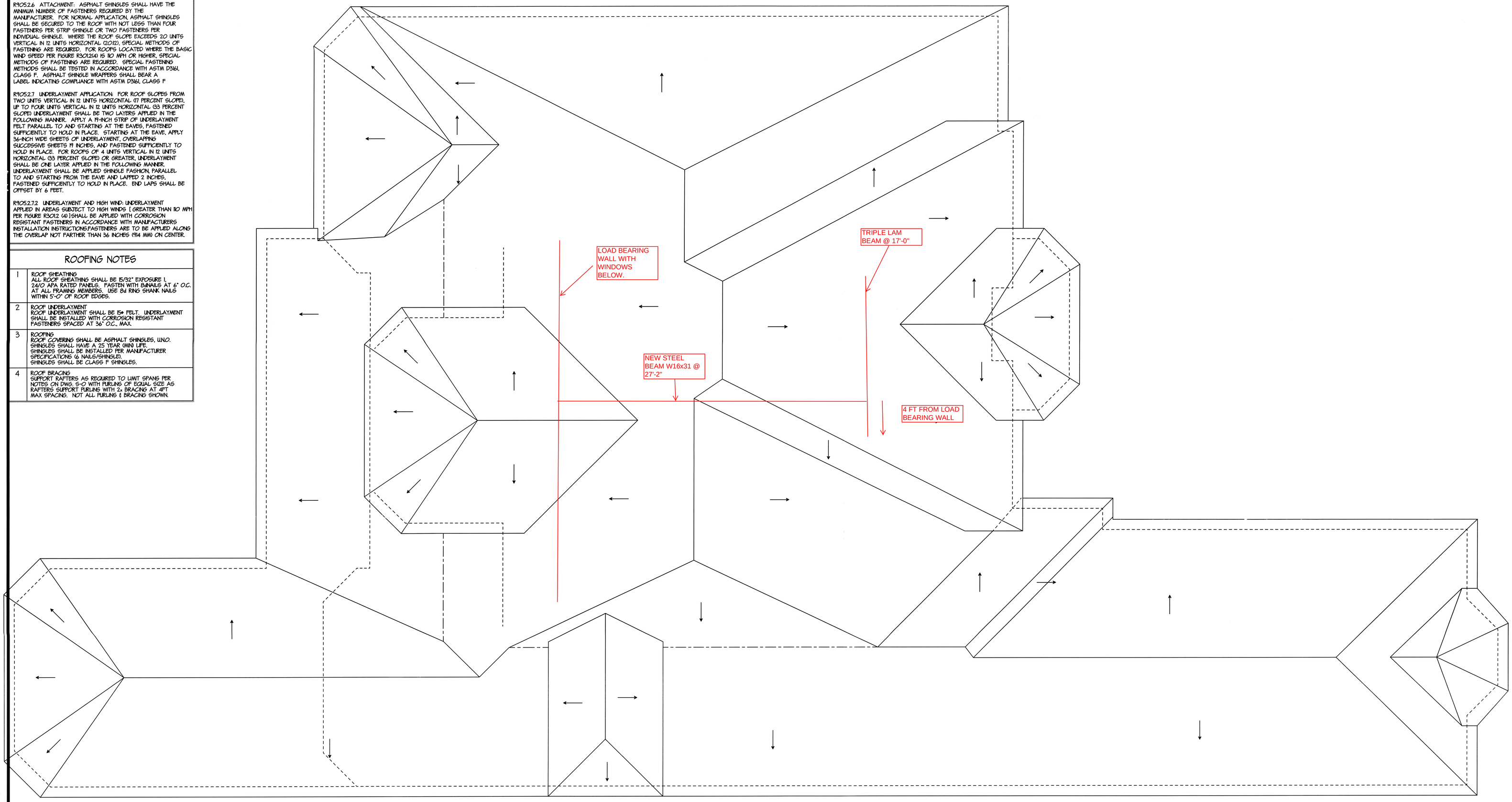
R905.2.6 ATTACHMENT. ASPHALT SHINGLES SHALL HAVE THE MINIMUM NUMBER OF FASTENERS REQUIRED BY THE MANUFACTURER. FOR NORMAL APPLICATION, ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE THE ROOF SLOPE EXCEEDS 20 UNITS VERTICAL IN 12 UNITS HORIZONTAL (20:12), SPECIAL METHODS OF FASTENING ARE REQUIRED. FOR ROOFS LOCATED WHERE THE BASIC WIND SPEED PER FIGURE R301.2(4) IS 110 MPH OR HIGHER, SPECIAL METHODS OF FASTENING ARE REQUIRED. SPECIAL FASTENING METHODS SHALL BE TESTED IN ACCORDANCE WITH ASTM D3161, CLASS F. ASPHALT SHINGLE WRAPPERS SHALL BEAR A LABEL INDICATING COMPLIANCE WITH ASTM D3161, CLASS F

R905.2.7 UNDERLAYMENT APPLICATION. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17 PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33 PERCENT SLOPE) UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER. APPLY A 19-INCH 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 SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE. FOR ROOFS OF 4 UNITS VERTICAL IN 12 UNITS HORIZONTAL (33 PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

R905.2.7.2 UNDERLAYMENT AND HIGH WIND. UNDERLAYMENT APPLIED IN AREAS SUBJECT TO HIGH WINDS (GREATER THAN 110 MPH PER FIGURE R301.2 (4)) SHALL BE APPLIED WITH CORROSION RESISTANT FASTENERS IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. FASTENERS ARE TO BE APPLIED ALONG THE OVERLAP NOT FARTHER THAN 36 INCHES (914 MM) ON CENTER.

ROOFING NOTES

1	ROOF SHEATHING ALL ROOF SHEATHING SHALL BE 15/32" EXPOSURE 1, 24/0 APA RATED PANELS. FASTEN WITH 8PENAILS AT 6" O.C. AT ALL FRAMING MEMBERS. USE 8d RING SHANK NAILS WITHIN 5'-0" OF ROOF EDGES.
2	ROOF UNDERLAYMENT ROOF UNDERLAYMENT SHALL BE 15# FELT. UNDERLAYMENT SHALL BE INSTALLED WITH CORROSION RESISTANT FASTENERS SPACED AT 36" O.C., MAX.
3	ROOFING ROOF COVERING SHALL BE ASPHALT SHINGLES, U.N.O. SHINGLES SHALL HAVE A 25 YEAR (MIN) LIFE. SHINGLES SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS (6 NAILS/SHINGLE). SHINGLES SHALL BE CLASS F SHINGLES.
4	ROOF BRACING SUPPORT RAFTERS AS REQUIRED TO LIMIT SPANS PER NOTES ON DWG. S-0 WITH PURLINS OF EQUAL SIZE AS RAFTERS SUPPORT PURLINS WITH 2x BRACING AT 4FT MAX SPACING. NOT ALL PURLINS & BRACING SHOWN.



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

ROOF PLAN

PLANS FOR:
J.C. & PATSY HYMEL
LOT 26, LAKESHORE ESTATES
ST. TAMMANY PARISH, LA

DATE
5-16-13

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