## NOTES:

**ROT & RUST RESISTANCE**: 1.)ALL WOOD FRAMING MEMBERS THAT REST ON CONCRETE OR MASONRY EXTERIOR WALLS AND ARE LESS THAN 8" FROM THE EXPOSED GROUND SHALL BE

OF A ROT RESISTANT MATERIAL

2.)ALL WOOD JOISTS OR THE BOTTOM OF A WOOD STRUCTURAL FLOOR WHEN CLOSER THAN 18", OR WOOD GIRDERS WHEN CLOSER THAN 12", TO THE EXPOSED GROUND, SHALL BE OF A ROT REISTANT MATERIAL.

BE ABOVE GRADE A MINIMUM OF 6" OR ELSE OF A ROT RESISTANT MATERIAL.

4.) ALL DECK/STAIR FRAMING/DECKING TO BE OF ROT RESISTANT WOOD.

5.) ALL HARDWARE AND FASTNERS TO BE HOT DIP GALVANIZED, SIMPSON "Z-MAX", OR STAINLESS STEEL.

## **FOOTINGS AND PIERS:**

6.) NEW PORCH FOOTINGS SHALL BE MIN 24"Ø X 8" X 4'-0" DEEP ON SOIL (OR PINNED TO ROCK). PIERS TO BE MIN. 10Ø ROUND, DOWELED TO FOOTING WITH (2) #3 24" LONG W/ 4" HOOK & (3) #3 VERTICAL BARS & #3 HOOPS AT 8" VERTICAL SPACING, PROVIDE (1) ANCHOR BOLT ACCORDING TO R403.1.6, CENTERED IN FOOTING, FOR USE WITH APPROPRIATE POST BASE HARDWARE

7.) NEW STAIR FOOTINGS TO BE PRECAST 4' CONCRETE PIERS WITH MIN 10" SQUARE BASE, SET AT 4' DEPTH.

## POSTS AND BRACING:

3.) NEW WOOD SIDING AND/OR SHEATHING TO 8.) NEW/REPLACEMENT POSTS TO BE 6X6 P.T.

9.) SECURE POSTS TO PIERS WITH SIMPSON AB66

10.) SECURE NEW/REPLACEMENT POSTS TO GIRDERS WITH (2) SIMPSON GA-2 CLIPS/POST.

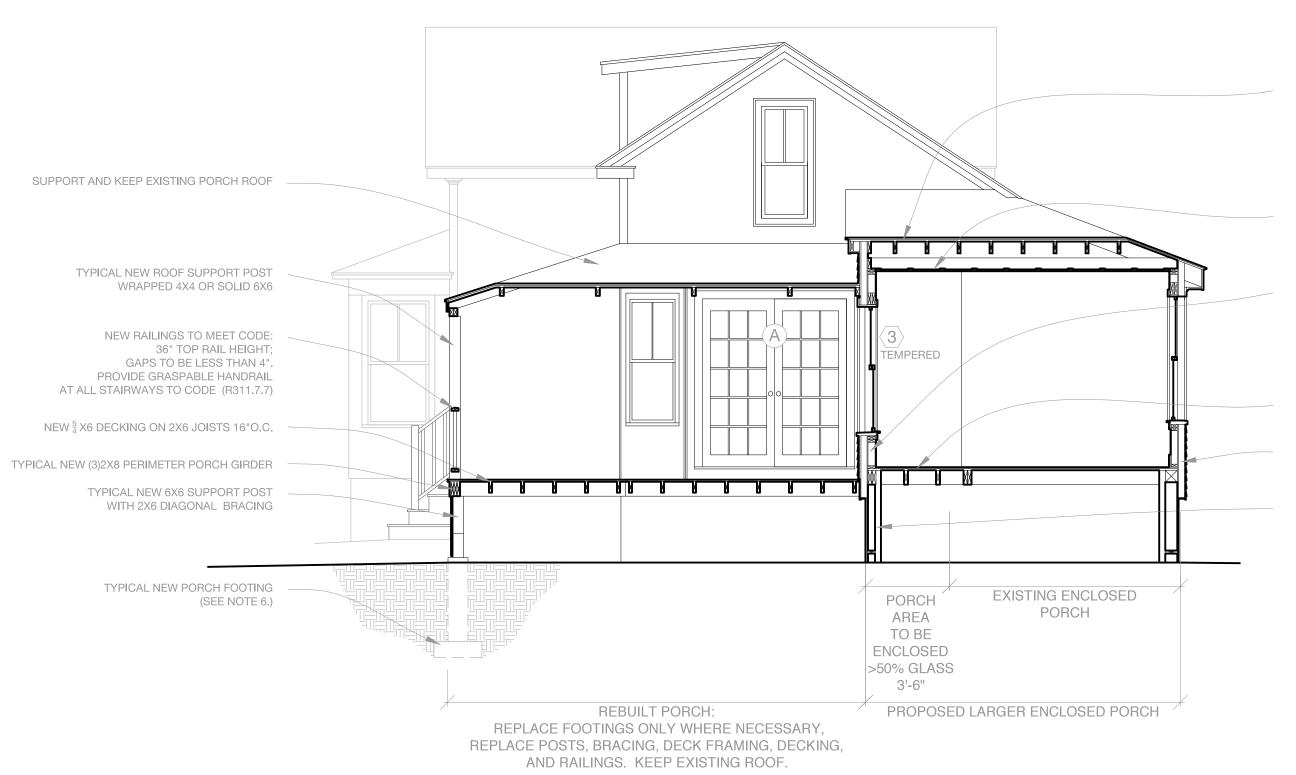
11.) BRACE EACH SIDE OF POSTS TO GIRDER/S ABOVE WITH 2X6 @45 DEG. FROM LOWER  $\frac{1}{3}$  OF POST. FASTEN WITH (3) GRK RSS  $\frac{5}{16}$  X 5  $\frac{1}{8}$ " STRUCTURAL SCREWS EACH END.

## **LEDGERS**

12.) ATTACH DECK LEDGERS WITH (2) GRK RSS  $\frac{5}{16}$  x 5-1/8" STRUCTURAL SCREWS @16"O.C.

13.) PROVIDE FULL ICE AND WATER SHIELD BEHIND, AND Z-FLASHING OVER THE TOP OF, EACH LEDGER.

BRIDGINC / BLOCKING TO JOIST 2 - 8d (TOENAILED)  BLOCKING TO SILL / TOP PLATE 3 - 16d (TOENAILED)  LEDGER STRIP TO BEAM 3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM 3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST 3 - 16d (ENDNAILED)  RIM JOIST TO SILL / TOP PLATE 2 - 16d PER FOOT  TOP PLATE TO TOP PLATE 2 - 16d PER FOOT  TOP PLATES AT INTERSECTION 4 - 16d EACH SIDE  STUD TO STUD 1 - 16d @ 12" O.C.  HEADER TO HEADER 16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO JOIST OR BLOCKING 2 - 16d PER FOOT  RAFTER TO TOP PLATE SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE 2 - 8d (TOENAILED)  BLOCKING TO RAFTER 2 - 8d EACH END  SLOPED/SKEWED RAFTER SIMPSON LSU	FASTENER SCHEDULE	
## BD ● 6" O.C. EDGE / 6" O.C. FIELD (PERIMETER PANELS)  WALL SHEATHING  ## Bd ● 6" O.C. EDGE / 12" O.C. FIELD  ## FLOOR SHEATHING  ## 12d RING OR SPIRAL NAILS ● 6" O.C. EDGE / 12" O.C. FIELD  ## POST BASES TO CONCRETE  ## SIMPSON AB66  POST CAPS  ## SIMPSON BC OR LC (MATCH POST SIZE)  ## JOIST ON SILL, TOP PLATE, OR GIRDER  ## SIMPSON LUS HANGER OR 4 - 8d (TOENAILED) WHEN JOIST BEARS ON SUPPOR  ## BRIDGING / BLOCKING TO JOIST  ## BLOCKING TO SILL / TOP PLATE  ## BLOCKING TO SILL / TOP PLATE  ## BLOCKING TO SILL / TOP PLATE  ## JOIST ON LEDGER TO BEAM  ## JOIST ON LEDGER TO BEAM  ## JOIST ON LEDGER TO BEAM  ## JOIST TO SILL / TOP PLATE  ## JOIST TO STUD  ## JOIST ON SULD  ## JOIST ON LEDGER TO BEAM JOIST  ## JOIST ON LEDGER TO BEAM JOIST JOIST  ## JOIST TO TOP PLATE  ## JOIST TO STUD  ## JOIST ON STUD  ## JOIST ON STUD  ## JOIST ON STUD  ## JOIST ON LADING EDGES  ## JOIST ON LADING EDGES  ## JOIN PLATE TO JOIST ON BLOCKING  ## JOIST TO TOP PLATE  ## JOIST ON TOP PLATE  ## JOIST TO TOP PLATE  ## JOIN JOIST TO TOP PLATE  ## JOIN JOIST TO TOP PLATE  ## JOIN JOIN JOIN JOIN JOIN JOIN JOIN JOIN	SILL PLATE TO FOUNDATION	1/2" ANCHOR BOLT @ 36" O.C. W/ 3" PLATE WASHER; 9" MIN. EMBEDMENT
FLOOR SHEATHING  POST BASES TO CONCRETE  POST CAPS  SIMPSON AB66  POST CAPS  JOIST ON SILL, TOP PLATE, OR GIRDER  BRIDGING / BLOCKING TO JOIST  BLOCKING TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST ON LEDGER TO BEAM  JOIST TO JOIST  TOP PLATE TO TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO JOIST  JOIST ON LEDGER TO BEAM  JOIST TO JOIST  JOIST ON LEDGER TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  JOIST TO JOIST  LEDGER STRIP TO BEAM  JOIST TO TOP PLATE  LEDGER STRIP TO STUD  LEDGER STRIP TO BEAM  JOIST TO TOP PLATE  LEDGER STRIP TO STUD  LEDGER STRIP TO STUD  LEDGER STRIP TO STUD  LEDGER STRIP TO STUD  LEDGER STRIP STRI	ROOF SHEATHING	
POST BASES TO CONCRETE  SIMPSON AB66  POST CAPS  JOIST ON SILL, TOP PLATE, OR GIRDER  BRIDGING / BLOCKING TO JOIST  BLOCKING TO SILL / TOP PLATE  SIMPSON LUS HANGER OR 4 - 8d (TOENAILED) WHEN JOIST BEARS ON SUPPOR  BRIDGING / BLOCKING TO JOIST  2 - 8d (TOENAILED)  BLOCKING TO SILL / TOP PLATE  3 - 16d (TOENAILED)  LEDGER STRIP TO BEAM  3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM  3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  BAND / RIM JOIST TO JOIST  TOP PLATE TO TOP PLATE  2 - 16d PER FOOT  TOP PLATE TO TOP PLATE  TOP PLATE TO TOP PLATE  1 - 16d @ 12" O.C.  HEADER TO HEADER  TOP OR BOTTOM PLATE TO STUD  1 - 16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO JOIST OR BLOCKING  RAFTER TO TOP PLATE  SIMPSON HI HURRICANE TIE  ELICKING JOIST TO FPLATE  2 - 8d (TOENAILED)  BAND JOIST TO RAFTER  2 - 8d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	WALL SHEATHING	8d @ 6" O.C. EDGE / 12" O.C. FIELD
POST CAPS  JOIST ON SILL, TOP PLATE, OR GIRDER  SIMPSON LUS HANGER OR 4 - 8d (TOENAILED) WHEN JOIST BEARS ON SUPPOR  BRIDGING / BLOCKING TO JOIST  2 - 8d (TOENAILED)  BLOCKING TO SILL / TOP PLATE  3 - 16d (TOENAILED)  LEDGER STRIP TO BEAM  3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM  3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  TOP PLATE TO TOP PLATE  2 - 16d PER FOOT  TOP PLATE TO TOP PLATE  10P PLATES AT INTERSECTION  4 - 16d EACH SIDE  STUD TO STUD  1 - 16d @ 12" O.C.  HEADER TO HEADER  10P OR BOTTOM PLATE TO STUD  2 - 16d PER FOOT  TOP OR BOTTOM PLATE TO STUD  2 - 16d PER FOOT  SIMPSON HI HURRICANE TIE  CEILING JOIST TO TOP PLATE  SIMPSON HI HURRICANE TIE  BAND JOIST TO RAFTER  2 - 8d (TOENAILED)  SLOPED/SKEWED RAFTER  SIMPSON LSU  SIMPSON LSU	FLOOR SHEATHING	12d RING OR SPIRAL NAILS @ 6" O.C. EDGE / 12" O.C. FIELD
JOIST ON SILL, TOP PLATE, OR GIRDER  SIMPSON LUS HANGER OR 4 - 8d (TOENAILED) WHEN JOIST BEARS ON SUPPOR BRIDGING / BLOCKING TO JOIST  2 - 8d (TOENAILED)  BLOCKING TO SILL / TOP PLATE  3 - 16d (TOENAILED)  LEDGER STRIP TO BEAM  3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM  3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  BAND / RIM JOIST TO JOIST  7 - 16d PER FOOT  TOP PLATE TO TOP PLATE  2 - 16d PER FOOT  TOP PLATE TO TOP PLATE  3 - 16d (© ACH SIDE  STUD TO STUD  4 - 16d EACH SIDE  STUD TO STUD  1 - 16d © 12" O.C.  HEADER TO HEADER  16d © 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d PER FOOT  TOP RATE TO JOIST OR BLOCKING  RAFTER TO TOP PLATE  SIMPSON HI HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  SIMPSON LSU  SIMPSON LSU	POST BASES TO CONCRETE	SIMPSON AB66
BRIDGING / BLOCKING TO JOIST 2 - 8d (TOENAILED)  BLOCKING TO SILL / TOP PLATE 3 - 16d (TOENAILED)  LEDGER STRIP TO BEAM 3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM 3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST 3 - 16d (ENDNAILED)  RIM JOIST TO SILL / TOP PLATE 2 - 16d PER FOOT  TOP PLATE TO TOP PLATE 2 - 16d PER FOOT  STUD TO STUD 4 - 16d EACH SIDE  STUD TO STUD 1 - 16d © 12" O.C.  HEADER TO HEADER 16d © 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD 2 - 16d PER FOOT  RAFTER TO TOP PLATE SIMPSON HI HURRICANE TIE  CEILING JOIST TO TOP PLATE SIMPSON HI HURRICANE TIE  CEILING JOIST TO TOP PLATE 2 - 8d (TOENAILED)  BLOCKING TO RAFTER 2 - 8d EACH END  SLOPED/SKEWED RAFTER SIMPSON LSU	POST CAPS	SIMPSON BC OR LC (MATCH POST SIZE)
BLOCKING TO SILL / TOP PLATE  LEDGER STRIP TO BEAM  3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM  3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  RIM JOIST TO SILL / TOP PLATE  2 - 16d PER FOOT  TOP PLATE TO TOP PLATE  2 - 16d PER FOOT  TOP PLATES AT INTERSECTION  4 - 16d EACH SIDE  STUD TO STUD  1 - 16d @ 12" O.C.  HEADER TO HEADER  16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d PER FOOT  TOP OR BOTTOM PLATE TO STUD  2 - 16d PER FOOT  TOP OR BOTTOM PLATE TO STUD  2 - 16d PER FOOT  RAFTER TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  2 - 16d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	JOIST ON SILL, TOP PLATE, OR GIRDER	SIMPSON LUS HANGER OR 4 - 8d (TOENAILED) WHEN JOIST BEARS ON SUPPORT
LEDGER STRIP TO BEAM  3 - 16d (FACENAILED, PER JOIST)  JOIST ON LEDGER TO BEAM  3 - 8d (TOENAILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  RIM JOIST TO SILL / TOP PLATE  2 - 16d PER FOOT  TOP PLATE TO DP PLATE  2 - 16d PER FOOT  TOP PLATES AT INTERSECTION  4 - 16d EACH SIDE  STUD TO STUD  1 - 16d @ 12" O.C.  HEADER TO HEADER  16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING  2 - 16d PER FOOT  TAFFER TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  2 - 16d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	BRIDGING / BLOCKING TO JOIST	2 - 8d (TOENAILED)
JOIST ON LEDGER TO BEAM  3 - 8d (TOENNILED)  BAND / RIM JOIST TO JOIST  3 - 16d (ENDNAILED)  RIM JOIST TO SILL / TOP PLATE  2 - 16d PER FOOT  TOP PLATE TO TOP PLATE  2 - 16d PER FOOT  TOP PLATES AT INTERSECTION  4 - 16d EACH SIDE  STUD TO STUD  1 - 16d @ 12" O.C.  HEADER TO HEADER  16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING  2 - 16d PER FOOT  CEILING JOIST TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  BLOCKING TO RAFTER  2 - 8d (TOENNILED)  BLOCKING TO RAFTER  2 - 16d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	BLOCKING TO SILL / TOP PLATE	3 - 16d (TOENAILED)
BAND / RIM JOIST TO JOIST 3 - 16d (ENDNAILED)  RIM JOIST TO SILL / TOP PLATE 2 - 16d PER FOOT  TOP PLATE TO TOP PLATE 2 - 16d PER FOOT  TOP PLATES AT INTERSECTION 4 - 16d EACH SIDE  STUD TO STUD 1 - 16d @ 12" O.C.  HEADER TO HEADER 16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD 2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING 2 - 16d PER FOOT  RAFTER TO TOP PLATE SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE 2 - 8d (TOENAILED)  BLOCKING TO RAFTER 2 - 8d EACH END  SLOPED/SKEWED RAFTER SIMPSON LSU	LEDGER STRIP TO BEAM	3 - 16d (FACENAILED, PER JOIST)
RIM JOIST TO SILL / TOP PLATE 2 - 16d PER FOOT  TOP PLATE TO TOP PLATE 2 - 16d PER FOOT  TOP PLATES AT INTERSECTION 4 - 16d EACH SIDE  STUD TO STUD 1 - 16d @ 12" O.C.  HEADER TO HEADER 16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD 2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING 2 - 16d PER FOOT  RAFTER TO TOP PLATE SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE 2 - 8d (TOENAILED)  BLOCKING TO RAFTER 2 - 8d EACH END  SLOPED/SKEWED RAFTER SIMPSON LSU	JOIST ON LEDGER TO BEAM	3 - 8d (TOENAILED)
TOP PLATE TO TOP PLATE  TOP PLATE TO TOP PLATE  2 - 16d PER FOOT  TOP PLATES AT INTERSECTION  4 - 16d EACH SIDE  STUD TO STUD  1 - 16d @ 12" O.C.  HEADER TO HEADER  16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING  RAFTER TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  2 - 16d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	BAND / RIM JOIST TO JOIST	3 - 16d (ENDNAILED)
TOP PLATES AT INTERSECTION 4 - 16d EACH SIDE  STUD TO STUD 1 - 16d @ 12" O.C.  HEADER TO HEADER 16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD 2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING 2 - 16d PER FOOT  RAFTER TO TOP PLATE SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE 2 - 8d (TOENAILED)  BLOCKING TO RAFTER 2 - 8d EACH END  SLOPED/SKEWED RAFTER SIMPSON LSU	RIM JOIST TO SILL / TOP PLATE	2 - 16d PER FOOT
STUD TO STUD  1 - 16d @ 12" O.C.  HEADER TO HEADER  16d @ 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING  2 - 16d PER FOOT  RAFTER TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  2 - 16d EACH END  SLOCKING TO RAFTER  2 - 16d EACH END  SLOCKING TO RAFTER  SIMPSON LSU	TOP PLATE TO TOP PLATE	2 - 16d PER FOOT
HEADER TO HEADER  16d ® 8" O.C. ALONG EDGES  TOP OR BOTTOM PLATE TO STUD  2 - 16d  BOTTOM PLATE TO JOIST OR BLOCKING  2 - 16d PER FOOT  RAFTER TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  2 - 16d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	TOP PLATES AT INTERSECTION	4 - 16d EACH SIDE
TOP OR BOTTOM PLATE TO STUD   2 - 16d	STUD TO STUD	1 - 16d @ 12" O.C.
BOTTOM PLATE TO JOIST OR BLOCKING  RAFTER TO TOP PLATE  SIMPSON H1 HURRICANE TIE  CEILING JOIST TO TOP PLATE  2 - 8d (TOENAILED)  BLOCKING TO RAFTER  2 - 8d EACH END  BAND JOIST TO RAFTER  2 - 16d EACH END  SLOPED/SKEWED RAFTER  SIMPSON LSU	HEADER TO HEADER	16d @ 8" O.C. ALONG EDGES
RAFTER TO TOP PLATE         SIMPSON H1 HURRICANE TIE           CEILING JOIST TO TOP PLATE         2 - 8d (TOENAILED)           BLOCKING TO RAFTER         2 - 8d EACH END           BAND JOIST TO RAFTER         2 - 16d EACH END           SLOPED/SKEWED RAFTER         SIMPSON LSU	TOP OR BOTTOM PLATE TO STUD	2 - 16d
CEILING JOIST TO TOP PLATE         2 - 8d (TOENAILED)           BLOCKING TO RAFTER         2 - 8d EACH END           BAND JOIST TO RAFTER         2 - 16d EACH END           SLOPED/SKEWED RAFTER         SIMPSON LSU	BOTTOM PLATE TO JOIST OR BLOCKING	2 - 16d PER FOOT
BLOCKING TO RAFTER   2 - 8d EACH END		SIMPSON H1 HURRICANE TIE
BAND JOIST TO RAFTER         2 - 16d EACH END           SLOPED/SKEWED RAFTER         SIMPSON LSU		
SLOPED/SKEWED RAFTER SIMPSON LSU	BLOCKING TO RAFTER	
	BAND JOIST TO RAFTER	2 - 16d EACH END
HANGERS AT RIDGE/HIP BEAMS	SLOPED/SKEWED RAFTER HANGERS AT RIDGE/HIP BEAMS	SIMPSON LSU



TYPICAL ROOF: 2X6 RAFTERS SHEATHED WITH 5/8" "ZIP" SYSTEM, COVERED BY CONTINUOUS ICE AND WATER SHIELD MEMBRANE, AND ARCHITECTURAL COMPOSITION SHINGLES. INSULATION: HANG 2X4 "RAFTERS" (NON-STRUCTURAL) BELOW EXISTING RAFTERS WITH PLYWOOD GUSSETS, TO CREATE 11 1/2" SPACE FOR MIN, R49 INSULATION: (3" CLOSED CELL SPRAY FOAM AGAINST SHEATHING FOR R20, "HOT ROOF" AND 8 1/2" DENSE PACK CELLULOSE FOR R-29.5)

TYPICAL CEILING: EXISTING AND NEW 2X6 CEILING JOISTS, 3/4" STRAPPING, AND 5/8" PAINTED AIRTIGHT DRYWALL.

TYPICAL NEW EXTERIOR WALL: 2X4 STUDS FILLED WITH DENSE-PACK CELLULOSE, SHEATHED WITH 5" ZIP SYSTEM, COVERED WITH 3" EXTERIOR POLYISO FOAM INSULATION,

AND 15LB FELT, AND SIDED WITH WOOD CLAPBOARDS OR SHINGLES... 1/2" PAINTED AIRTIGHT DRYWALL INTERIOR. TOTAL WALL R-VALUE R33

FIRST FLOOR ASSEMBLY: 2X6 EXISTING JOISTS, NEW 2X8 JOISTS, <sup>3</sup>/<sub>4</sub>" SUBFLOOR, AND 3/4" HARDWOOD FLOORING

INSULATE AND RE-SIDE EXTERIOR OF EXISTING ENCLOSED PORCH TO MATCH NEW AREA OF ENCLOSED PORCH. (SEE SPECIFICATIONS ABOVE)

BASEMENT INSULATION/AIR-SEALING: R20 PROVIDE A GASKETED/ INSULATED (MIN. R10) ACCESS DOOR. 3" CLOSED CELL FOAM INSULATION (R20) OVER INTERIOR OF EXISTING WALLS, INCLUDING SILLS/ UP TO SUBFLOOR.

LAY 20 MIL GROUND VAPOR BARRIER OVER CLEAN DIRT. SEAL ANY PENETRATIONS, SECURE TOP EDGE TO WALLS WITH 1X3 STRAPPING (OR SANDWICH BETWEEN "LIFTS" OF SPRAY FOAM)

PAINT FOAM WITH INTUMESCENT PAINT FOR MIN. 15 MINUTE FIRE BARRIER

**Cartier Resid** 

19 Brook Ln. Peaks Island,

**Proposed Cross Section** 

DATE 2015.07. 1/4"=1'

Rachel Conly Architectural Design

26 Sterling Street Peaks Island, Maine ( 207.766.5625