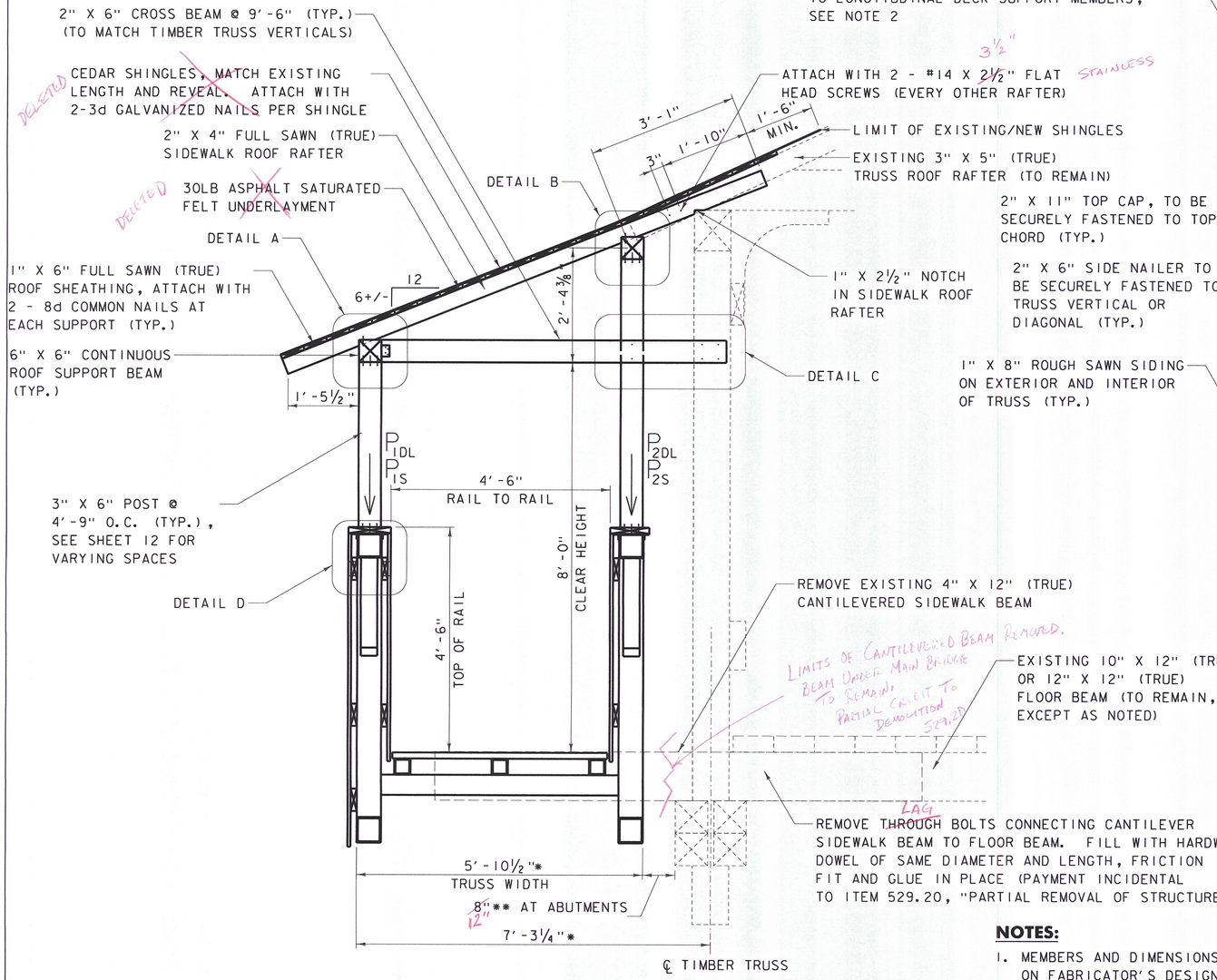
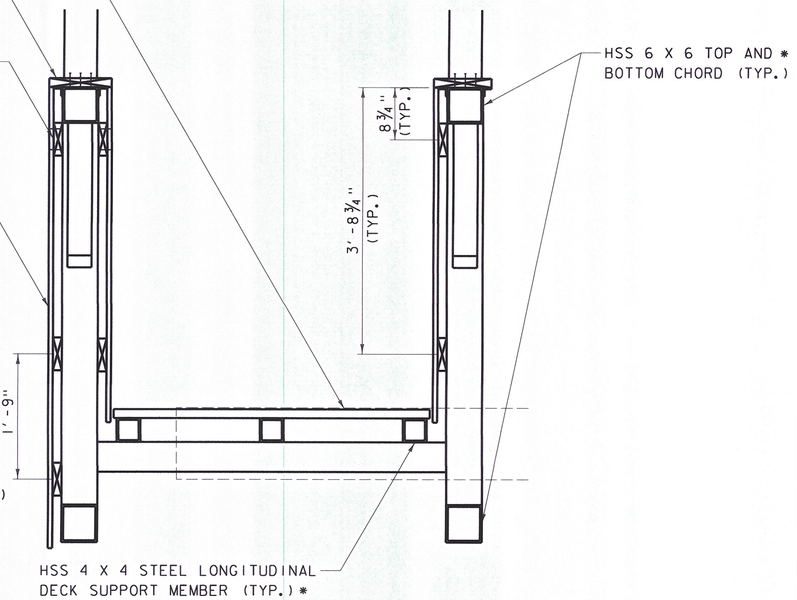


TYPICAL SIDEWALK SECTION

SCALE: ¾"=1'-0"



TYPICAL PREFABRICATED MULTI-MODAL BRIDGE SECTION

SCALE: 1"=1'-0"

REMOVE EXISTING 4" X 12" (TRUE) CANTILEVERED SIDEWALK BEAM

LIMITS OF CANTILEVERED BEAM REMOVED. BEAM UNDER MAIN BRIDGE TO REMAIN. PARTIAL CREDIT TO DEMOLITION 529.20

EXISTING 10" X 12" (TRUE) OR 12" X 12" (TRUE) FLOOR BEAM (TO REMAIN, EXCEPT AS NOTED)

REMOVE ~~THROUGH~~ LAG BOLTS CONNECTING CANTILEVER SIDEWALK BEAM TO FLOOR BEAM. FILL WITH HARDWOOD DOWEL OF SAME DIAMETER AND LENGTH, FRICTION FIT AND GLUE IN PLACE (PAYMENT INCIDENTAL TO ITEM 529.20, "PARTIAL REMOVAL OF STRUCTURE")

ROOF REACTIONS ON STEEL TRUSS

LOAD	REACTION
P_{1DL}	200 LB
P_{1S}	1,630 LB
P_{2DL}	155 LB
P_{2S}	1,250 LB

NOTES:
1. REACTIONS PROVIDED ARE DUE TO UNFACTORED DEAD AND SNOW LOADS. THE REACTIONS ARE AT EACH POST LOCATION ALONG THE SPAN.
2. ADDITIONAL DEAD LOAD FROM TIMBER CLADDING ON MULTI-MODAL BRIDGE = 77 LB/FT OF LENGTH, EXCLUSIVE OF DECKING.

NOTES:

1. MEMBERS AND DIMENSIONS INDICATED ARE ASSUMED. ACTUAL MEMBER SIZES AND DIMENSIONS WILL BE BASED ON FABRICATOR'S DESIGN AND MAY VARY SLIGHTLY, WHILE MAINTAINING THE ABUTMENT DIMENSIONS. DIMENSIONS NOT INDICATED WITH A "*" SHALL BE MAINTAINED.
2. DECKING SHALL BE A MINIMUM SIZE OF 2" X 8", AS DESIGNED BY THE FABRICATOR.
3. LUMBER SIZES INDICATED ARE NOMINAL, UNLESS NOTED OTHERWISE. ALL LUMBER SHALL BE DRESSED (S4S), EXCEPT AS INDICATED FULL SAWN OR ROUGH SAWN.
4. SIDING AND SIDE NAILERS TO BE OMITTED ON EXTERIOR OF TRUSS ABUTTING COVERED BRIDGE TRUSS, AS SHOWN.
5. CONTINUOUS ROOF SUPPORT BEAM TO BE CONTINUOUS OVER A MINIMUM OF 3 SPANS.
6. SEE SHEET 14 FOR DETAILS A-D.

* SEE NOTE 1
** CONTRACTOR TO VERIFY IN FIELD - OFFSET AT ABUTMENTS WILL PROVIDE CLEARANCE AT MID-SPAN

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (GPS)

PLOTTED 12/30/2014

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PROFESSIONAL SEAL

FINAL PLANS

TOWN OF WAITSFIELD
9 BRIDGE STREET
WAITSFIELD, VT

VILLAGE COVERED BRIDGE REHAB. & BRIDGE STREET STORMWATER IMPROVEMENTS

SHEET TITLE

SUPERSTRUCTURE DETAILS

DRAWN BY	DATE
RHB/JDG	DEC. 2014
CHECKED BY	D&K PROJECT #
RHD	620922
PROJ. ENG.	D&K ARCHIVE #
RHB	620922

SHEET NUMBER

11

SHEET 11 OF 30