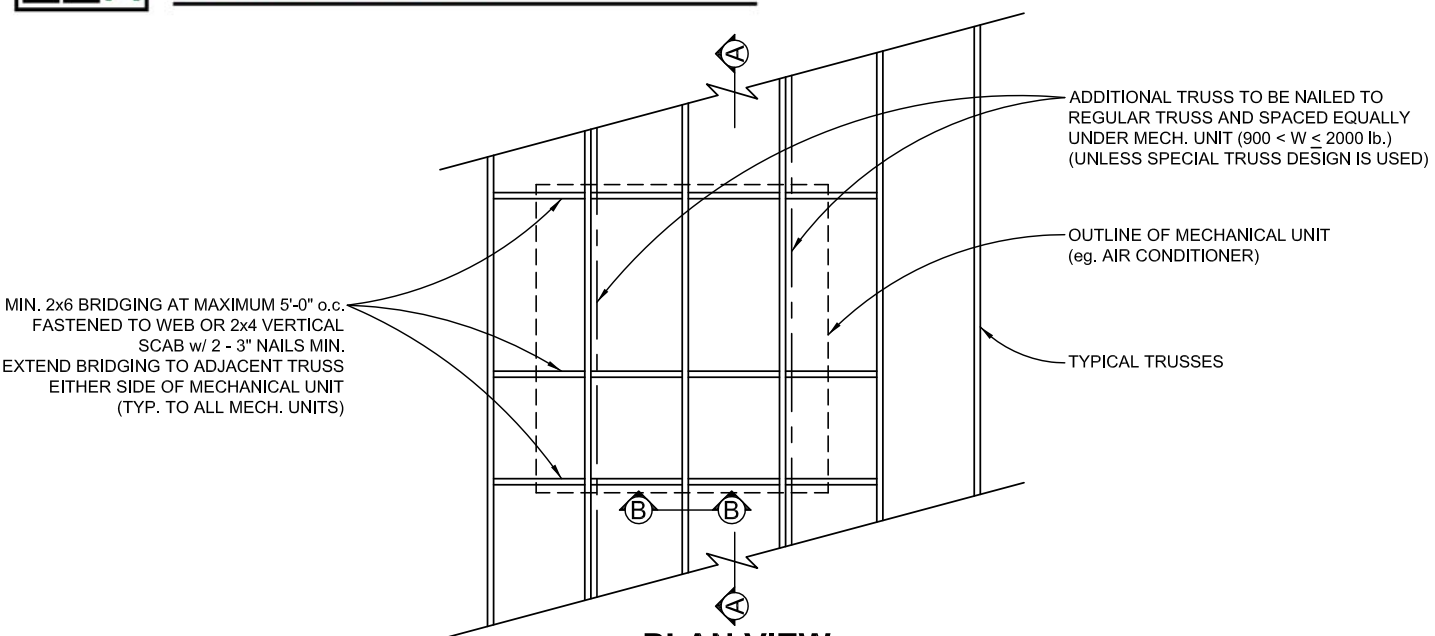
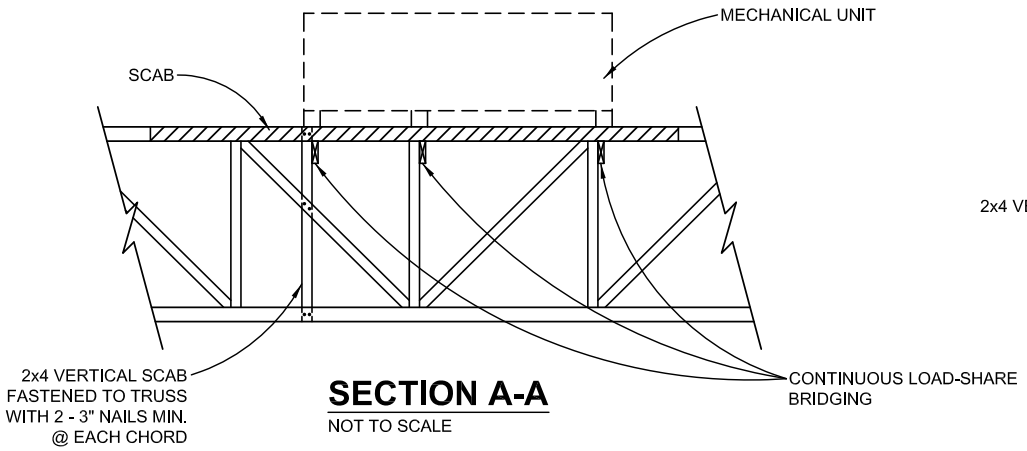
ALLIANCE TRUSS LTD.



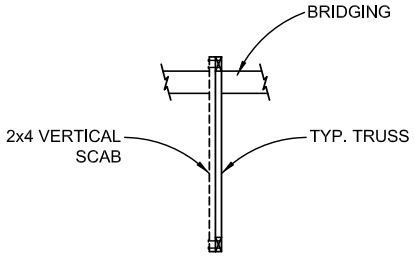
PLAN VIEW

NOT TO SCALE



SECTION A-A

NOT TO SCALE



SECTION B-B

NOT TO SCALE

WEIGHT OF MECHANICAL UNIT (W In lb)	REQUIREMENTS TO SUPPORT MECHANICAL UNIT
W ≤ 100	BRIDGING/REINFORCEMENT NOT REQUIRED
100 < W ≤ 500	2x6 BRIDGING AS SHOWN
500 < W ≤ 900	SAME AS ABOVE PLUS SCAB
900 < W ≤ 2000	2 ADDITIONAL TRUSSES TO BE NAILED TO REGULAR TRUSSES AND THESE 2 DOUBLE TRUSSES TO BE SPACED EQUALLY UNDER THE MECHANICAL UNIT. FASTEN USING 3" NAILS WITH THE FOLLOWING PATTERN: CHORDS 2x4 1 ROW @ 12" o.c., STAGGERED 2x6 2 ROWS @ 12" o.c., STAGGERED 2x8 3 ROWS @ 12" o.c., STAGGERED WEBS 2x4 1 ROW @ 4" o.c., STAGGERED OR SPECIAL TRUSS DESIGN REQUIRED
W > 2000	SPECIAL TRUSS DESIGN REQUIRED

NOTE:

1. COMBINED STRESS INDEX (CSI) MUST BE LESS THAN 0.90 FOR BOTH TOP AND BOTTOM CHORDS UNDER NORMAL LOADING.

2. TRUSSES ARE TO BE SPACED @ 24" o.c. MAXIMUM.

3. SCABS ARE TO BE SAME SIZE AS TOP CHORD (MIN. SPF #2 GRADE). EXTEND SCAB TO MID-POINT OF PANEL ADJACENT TO MECHANICAL UNIT.

MECHANICAL UNIT BRIDGING DETAIL

NOT TO SCALE

ALLIANCE TRUSS LTD.

" Combining the Best Of "

Valley Truss Ltd. 604-574-3525
5265 - 192nd St.
Surrey, B.C.

Epic Truss Systems 604-850-3522
890 Riverside Rd.
Abbotsford, B.C.