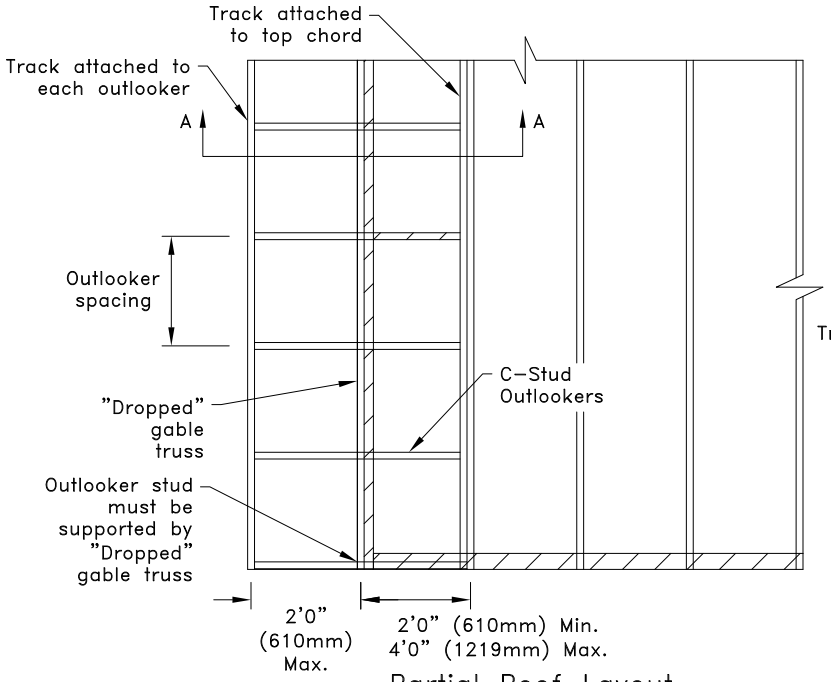
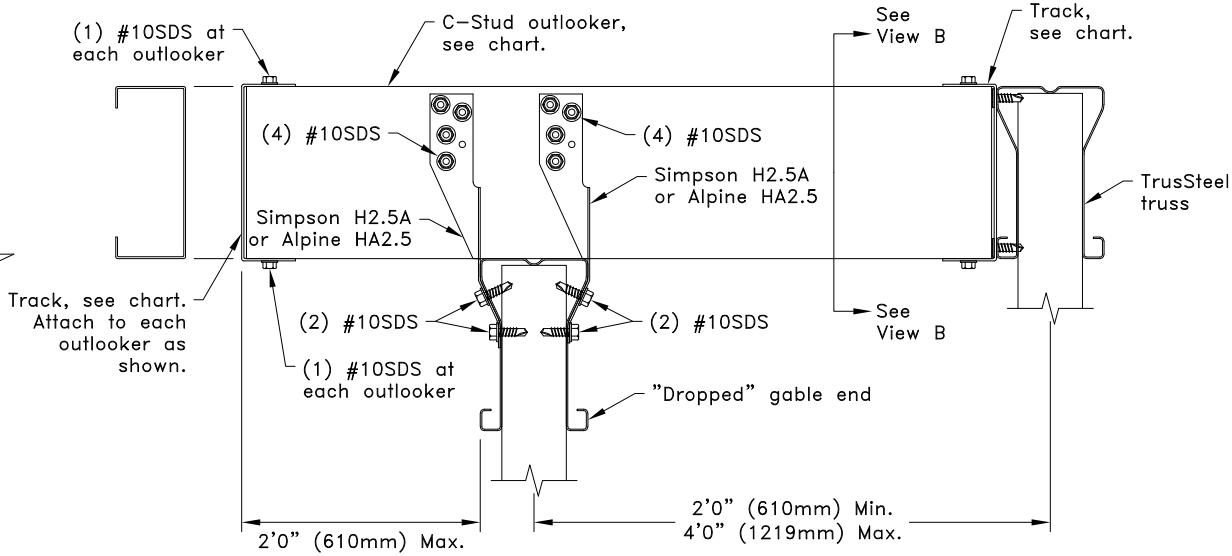
Windspeed for Outlookers			
Outlooker Spacing	Maximum Wind Speed		
	ASCE 7-05	ASCE 7-10	ASCE 7-16
1' (305mm) o.c.	140 mph (63 m/s)	180 mph (80 m/s)	170 mph (76 m/s)
2' (610mm) o.c.	100 mph (45 m/s)	120 mph (54 m/s)	120 mph (54 m/s)

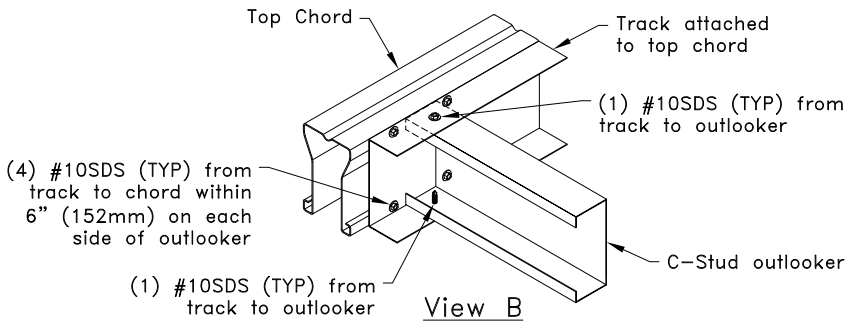
Outlooker Stud and Track Sizes		
Allowable Chord Size	C-Stud	Track
TSC2.75 or TSC3.00	362S162-43	362T125-43
TSC2.75, TSC3.00 or TSC4.00	400S162-43	400T125-43
	600S162-43	600T125-43
	800S162-43	800T125-43



Partial Roof Layout



Section A-A



View B

General Notes:

1. SDS = self-drilling tapping screw.
2. Maximum roof design load is 30 PSF (1.44 kN/m2) live load and 15 PSF (0.72 kN/m2) dead load. Maximum soffit load is 10 PSF (0.48 kN/m2).
3. Wind criteria: ASCE 7-05, ASCE 7-10 or ASCE 7-16, closed building, 30' (9144mm) mean roof height, Category III or IV, EXP C, K_{zt} = 1.0, top chord dead load used for wind design is 5 PSF (0.24 kN/m^2).
4. Roof pitch shall be from 2.2/12 (10.39°) to 12/12 (45°).
5. Outlooker studs shall be placed so that there are no punchouts located within 10" (254mm) of a bearing point.
6. Blocking or strapping may be required to prevent rollover of outlooker C-Stud. Blocking or strapping to be designed by others.
7. Method and design of connections to transfer diaphragm shear to gable truss are the responsibility of the building designer.
8. It is permissible to substitute an equal alternative for the Simpson or Alpine hardware specified on this detail.
9. Cold-Formed Steel calculations are per the 2020 supplement to AISI 2016 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-16/S2-20).

ALPINE TrusSteel™

www.TrusSteel.com

155 Harlem Ave., North Building, 4th Floor / Glenview, IL 60025 / (800) 755-6001

C-Stud Outlooker Attachment To TrusSteel Trusses

Standard Detail: TS041

Date: 06/01/22

TrusSteel Detail Category: Outlooker