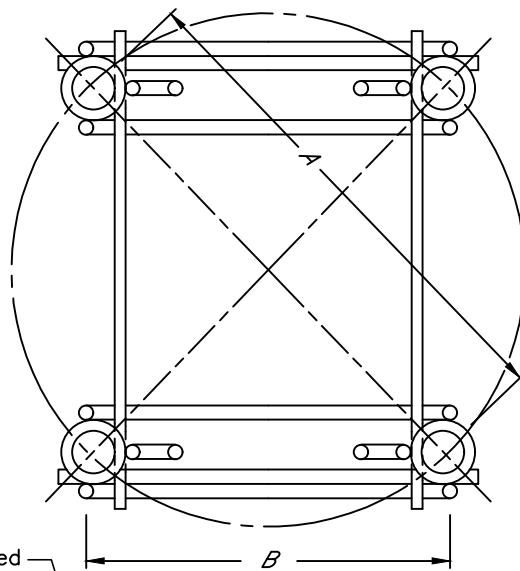
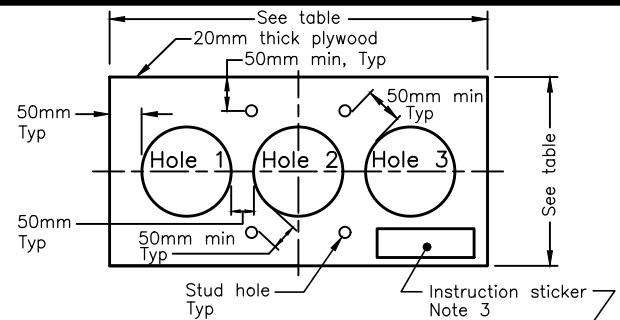




PLAN



DETAIL A

INSTRUCTIONS:

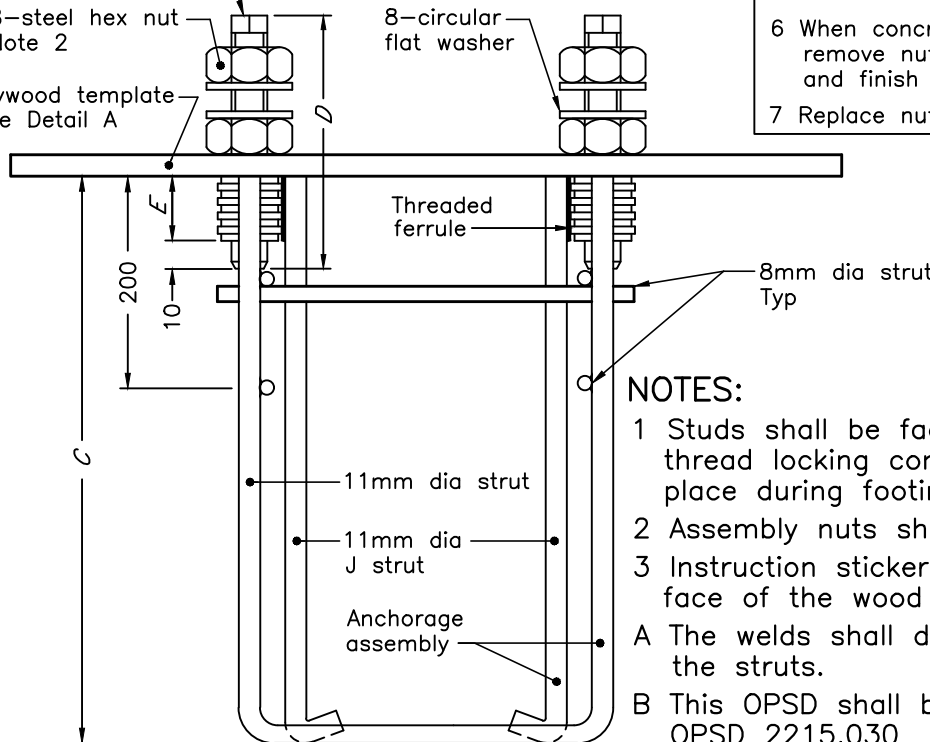
- 1 Do not remove studs from threaded ferrules.
- 2 Place anchorage in footing with wood template over formwork.
- 3 Tie anchorage to steel in footing.
- 4 Tie ducts to anchorage.
- 5 Level anchorage in all directions with a carpenter's level and secure in the level position prior to pouring concrete to the top of the formwork.
- 6 When concrete has achieved initial set remove nuts, washers, and wood template and finish top of concrete.
- 7 Replace nuts and washers and hand tighten.

4—fully threaded square head stud
Note 1

8—steel hex nut
Note 2

Plywood template
see Detail A

8—circular flat washer



ELEVATION

NOTES:

- 1 Studs shall be factory set with preapplied thread locking compound and shall remain in place during footing and pole installation.
 - 2 Assembly nuts shall be shipped hand tight only.
 - 3 Instruction sticker shall be attached on top face of the wood template.
- A The welds shall develop the strength of the struts.
- B This OPSD shall be read in conjunction with OPSD 2215.030
- C All dimensions are in millimetres unless otherwise shown.

ASSEMBLY DIMENSIONS						WOOD TEMPLATE DIMENSIONS			
STUD DIA	STUD LENGTH <i>D</i>	BOLT CIRCLE DIA <i>A</i>	STUD DISTANCE <i>B</i>	FERRULE LENGTH <i>E</i>	ANCHORAGE DEPTH <i>C</i>	LENGTH	WIDTH	HOLE DIA	
								1 and 3	2
32mm (1-1/4")	230	406	287	75	250mm FOR STRUCTURES	1000	400	247	306
			318		457	1000	400	247	306
		449			457	1000	418	225	349
19mm (3/4")	180	190	135	38	305	600	300	155	90

ONTARIO PROVINCIAL STANDARD DRAWING

Apr 2024

Rev 5



ANCHORAGE ASSEMBLY FOR LIGHTING AND SIGNAL POLES

OPSD 2215.020