

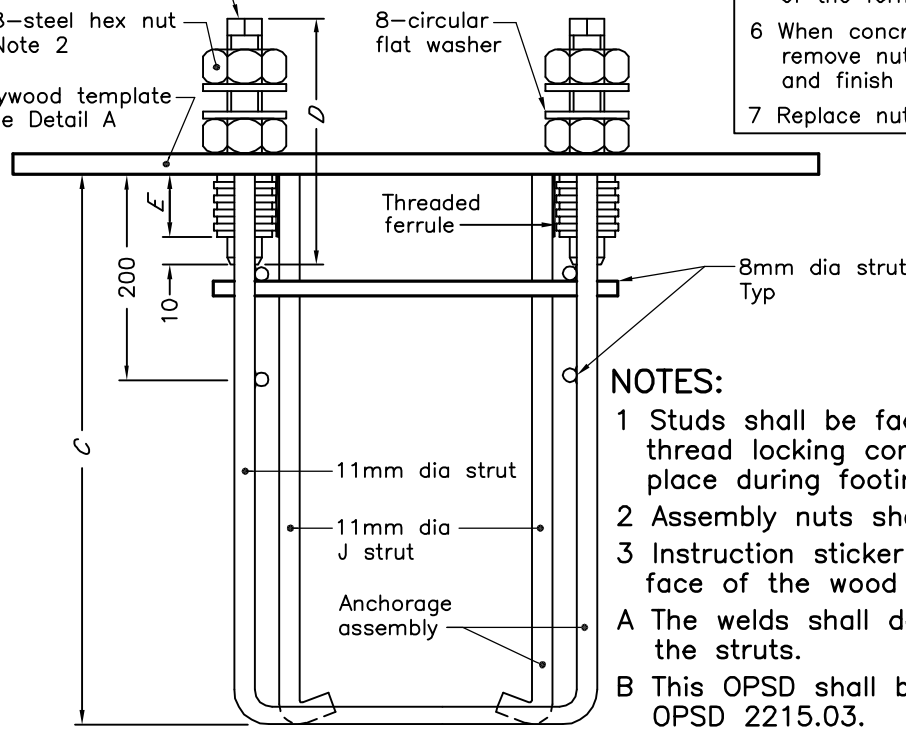
PLAN

4—fully threaded square head stud
Note 1

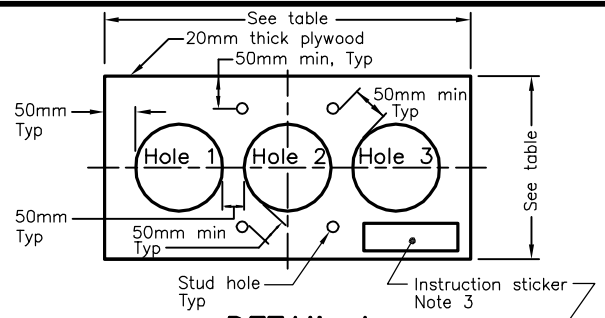
8—steel hex nut
Note 2

Plywood template
see Detail A

8—circular flat washer



ELEVATION




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.

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 2215.03.
- 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 |
| | | | | | 457 | 1000 | 400 | 247 | 306 |
| | | | | | 457 | 1000 | 418 | 225 | 349 |
| 19mm (3/4") | 180 | 190 | 135 | 38 | 305 | 600 | 300 | 155 | 90 |

| | | | |
|---|----------|-------|---|
| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2015 | Rev 4 |  |
| ANCHORAGE ASSEMBLY FOR LIGHTING AND SIGNAL POLES | ----- | | |
| OPSD 2215.02 | | | |