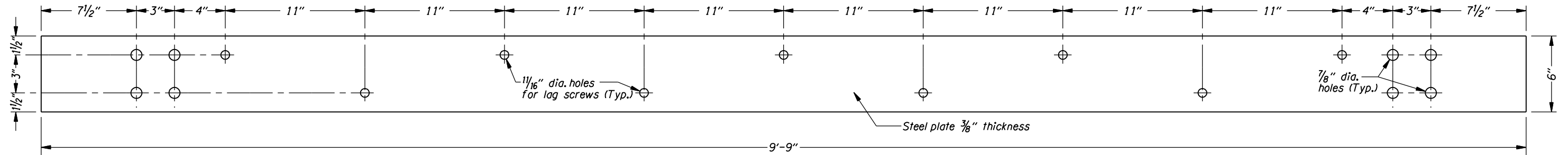
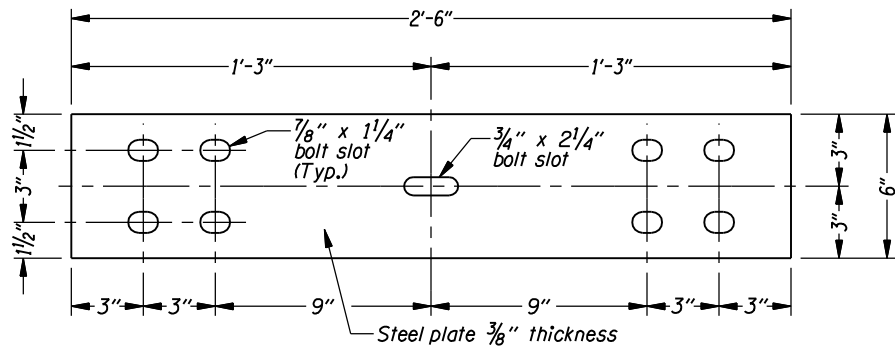


det1402.dgn 05-JUL-2012

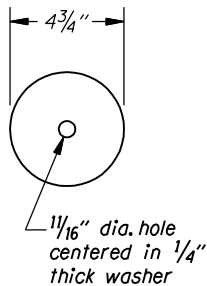
DET1402



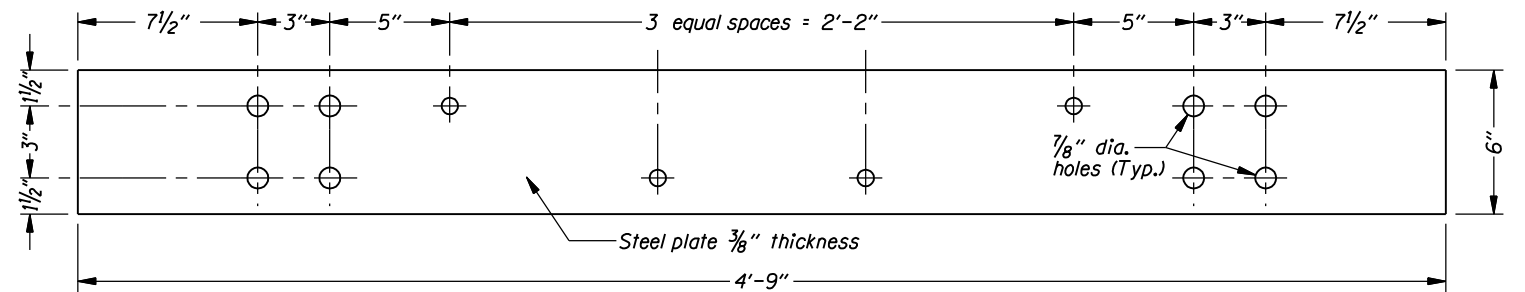
STEEL RAIL ⑤
(10' Nom. Post Spacing)



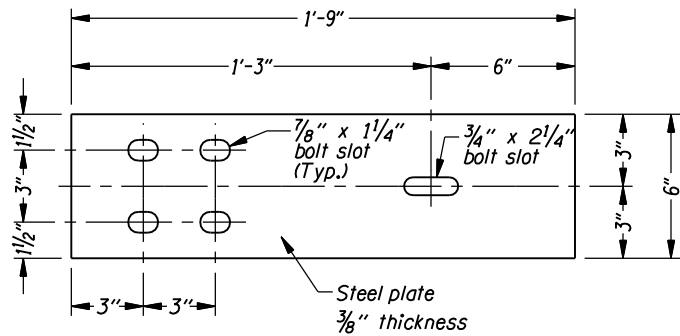
STEEL SPLICE PLATE ⑦



STEEL PLATE WASHER

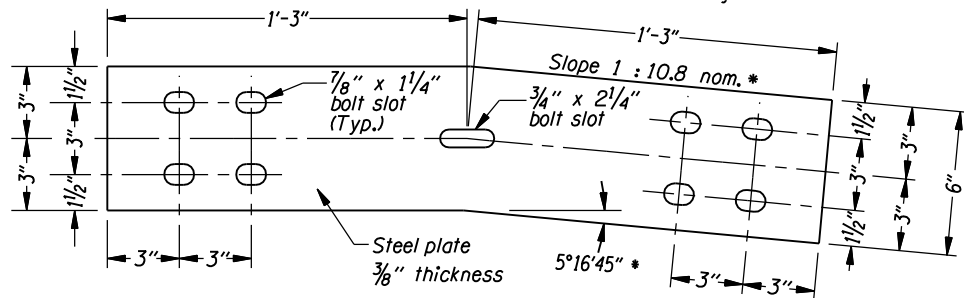


STEEL RAIL ⑥
(5' nom. post spacing)

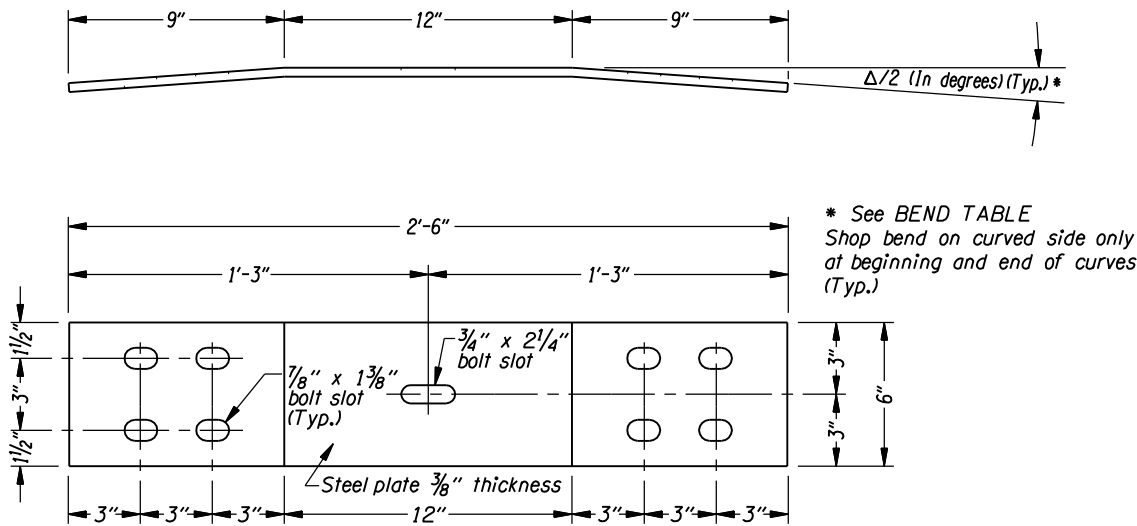


STEEL SPLICE PLATE MODIFICATION A ⑧

* Flatter slope allowed if concrete ground anchor is buried in backslope, or for terminal adjacent to structure



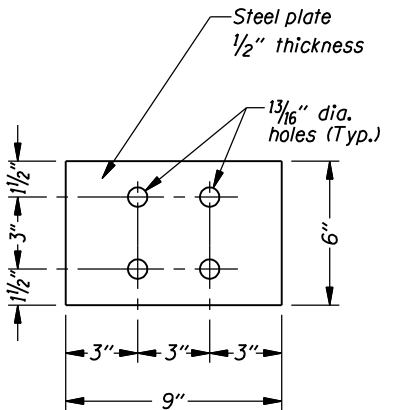
STEEL SPLICE PLATE MODIFICATION B ⑨
(Shop bend to accomodate flare rate, when required)



BENT STEEL SPLICE PLATE ⑩

* See BEND TABLE
Shop bend on curved side only at beginning and end of curves (Typ.)

BEND TABLE	
Radius (Feet)	$\Delta/2$ (Degrees)
20	7.18
25	5.74
30	4.78
35	4.10
40	3.58
45	3.18
50	2.87
55	2.61
60	2.39
65	2.20
70	2.05
over 70	flat



STEEL BEARING PLATE ⑪

GENERAL NOTES FOR ALL DETAILS:

1. See general notes for all details on drg. no. DET1400.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

STEEL BACKED TIMBER GUARDRAIL
STEEL COMPONENTS

DETAIL NO.
DET1402