Dwg. of

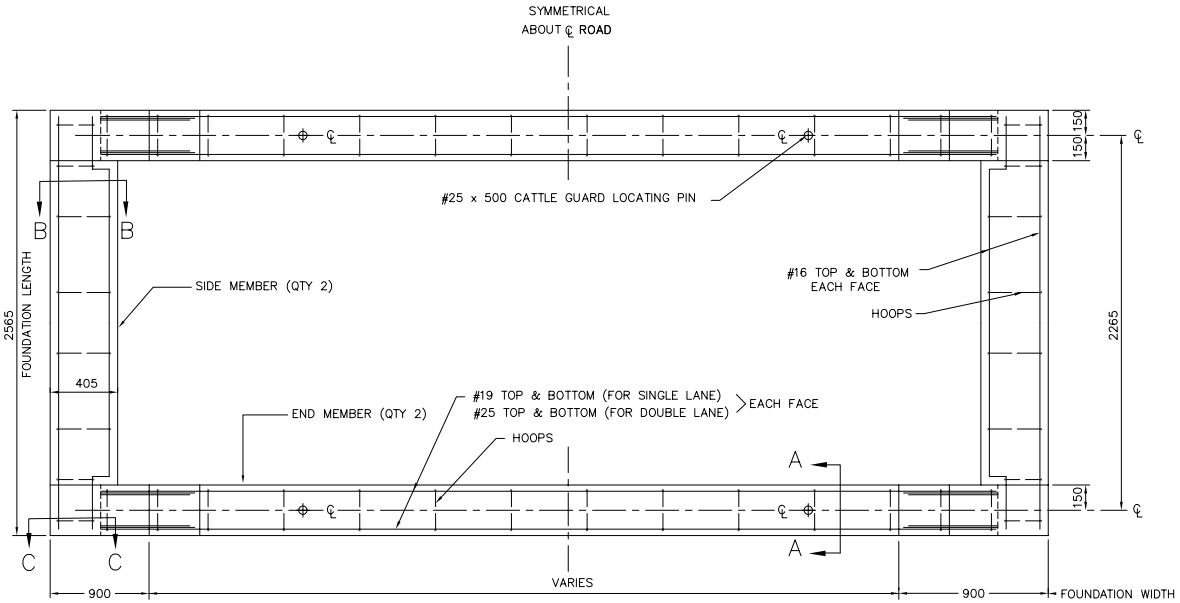
GENERAL NOTES

SPECIFICATIONS: FOREST SERVICE SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES, REVISED AUGUST 1996.

MATERIALS: CONCRETE SHALL MEET SPECIFICATION SECTION 602 METHOD A. PINS AND REINFORCING STEEL SHALL MEET AASHTO M31M GRADE 420.

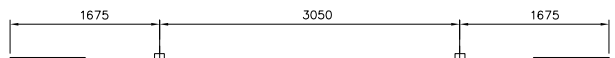
FABRICATION: CONSTRUCT FOUNDATION IN ACCORDANCE WITH SPECIFICATION SECTION 553A EXCEPT WHERE DRAWINGS DIFFER. PINS SHALL BE 25mm DIAMETER AND HOT DIPPED GALVANIZED TO MEET AASHTO M111 (ASTM A123). REINFORCING STEEL CONCRETE COVER IS 40mm. BAR SIZE IS NO. 13 EXCEPT WHERE NOTED.

INSPECTION AND CERTIFICATION: FURNISH THE COMPLIANCE CERTIFICATES AND TEST RESULTS CALLED FOR IN THE SPECIFICATIONS UPON DELIVERY OF THE CATTLE GUARD FOUNDATION AND BEFORE INSTALLATION.

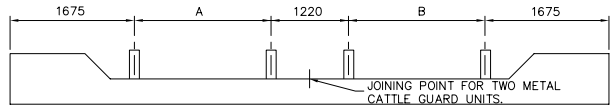


PLAN
NOT TO SCALE

CATTLE GUARD LOCATING PINS



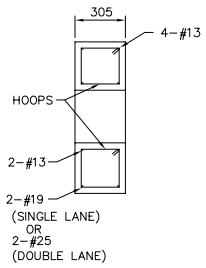
SINGLE LANE FOUNDATION UNIT
FOR 4.27m CATTLE GUARD WIDTH *



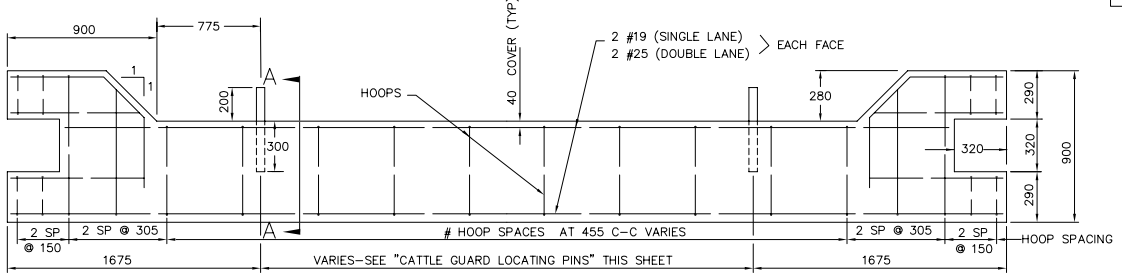
CATTLEGUARD WIDTH *	A	B
7.32M	2440	2440
7.93M	2440	3050
8.54M	3050	3050

DOUBLE LANE FOUNDATION UNIT

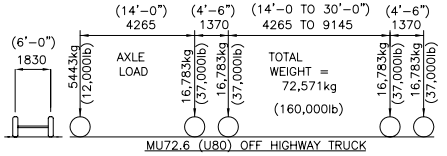
* SEE STANDARD DRAWING RS201M



END ELEVATION
NOT TO SCALE

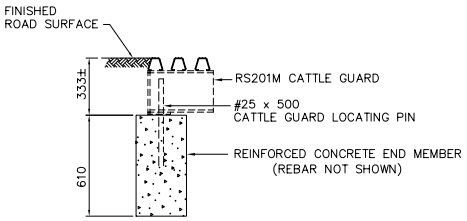


FRONT ELEVATION
NOT TO SCALE

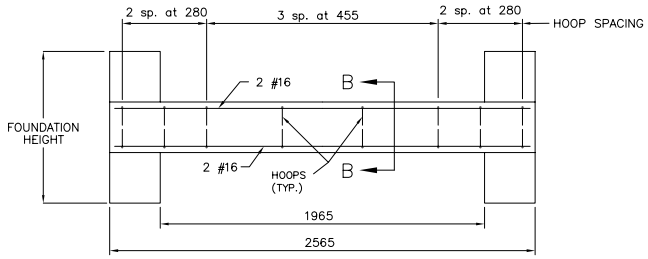


MU72.6 (U80) OFF HIGHWAY TRUCK

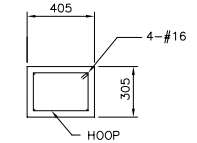
THIS IS A METRIC DRAWING
ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNLESS NOTED
DO NOT SCALE DRAWING



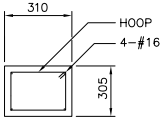
SECTION A–A
NOT TO SCALE



SIDE ELEVATION
NOT TO SCALE



SECTION B–B



SECTION C–C

REV.	DESCRIPTION	APPROVED	DATE
0	CONVERTED RS221 REV. 3 TO METRIC AND UPDATED GENERAL NOTES.		

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
THE PACIFIC NORTHWEST REGION (R–6)

STANDARD PRECAST CONCRETE FOUNDATION FOR RS201M CATTLE GUARD

Forest:
Bridge No.:
Location:

Loading: MS18 (HS20–44) &
Length: 2565 MU72.6 (U80)
Width: VARIES

Designed: R.E.S. **Drawn:** C.L.Y. **Checked:**
Submitted: _____ **Date:** _____
SUPERVISORY STRUCTURAL ENGINEER
Approved: _____ **Date:** _____
REGIONAL BRIDGE ENGINEER

SHEET 1 of 1 | DWG. No. RS221M