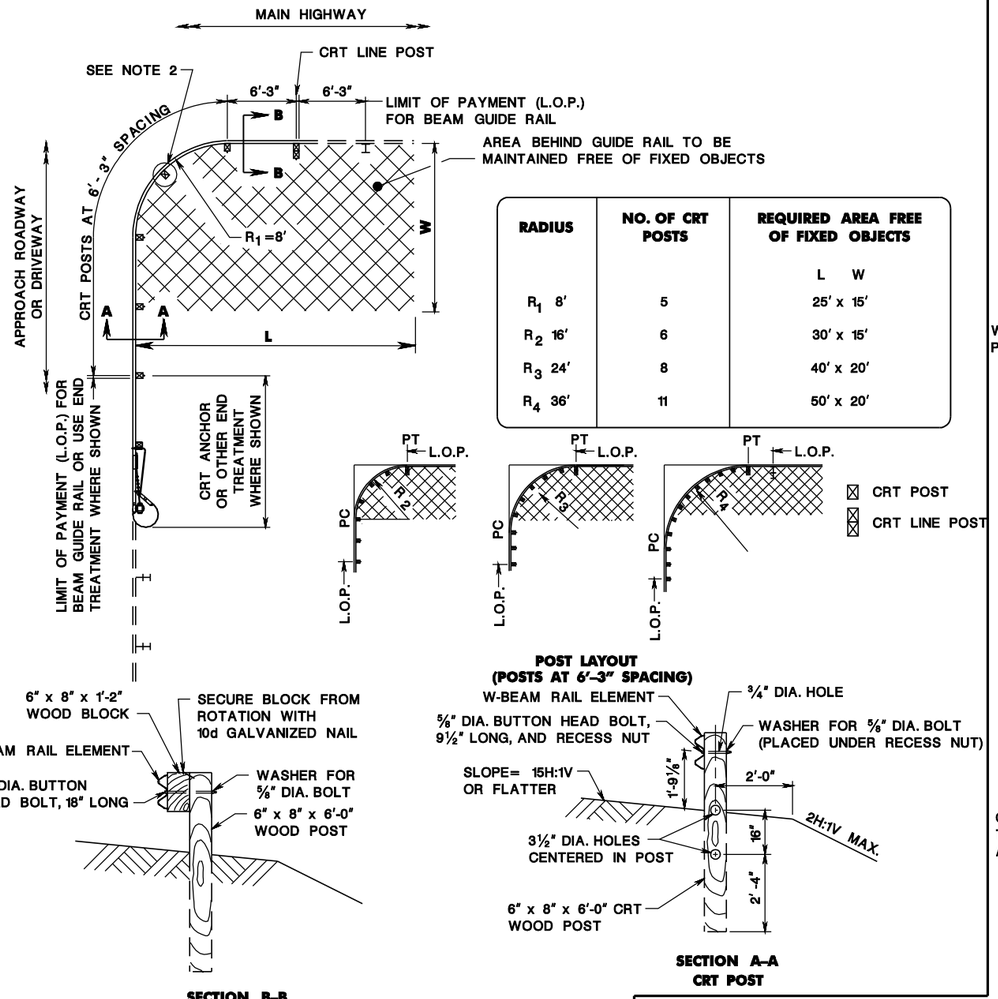
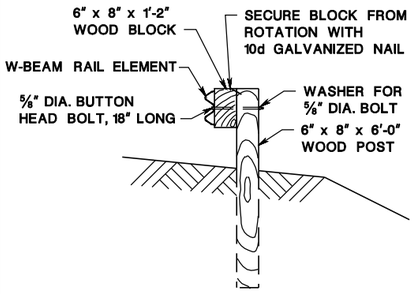


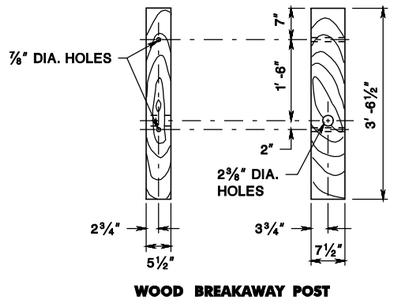
RADIUS	NO. OF CRT POSTS	REQUIRED AREA FREE OF FIXED OBJECTS
		L W
R_1 8′	5	25′ x 15′
R_2 16′	6	30′ x 15′
R_3 24′	8	40′ x 20′
R_4 36′	11	50′ x 20′

POST LAYOUT (POSTS AT 6′-3″ SPACING)



SECTION B–B
CRT LINE POST

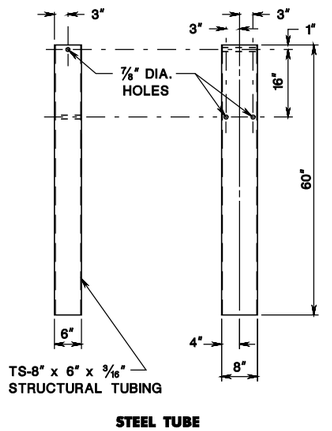
SECTION A–A
CRT POST



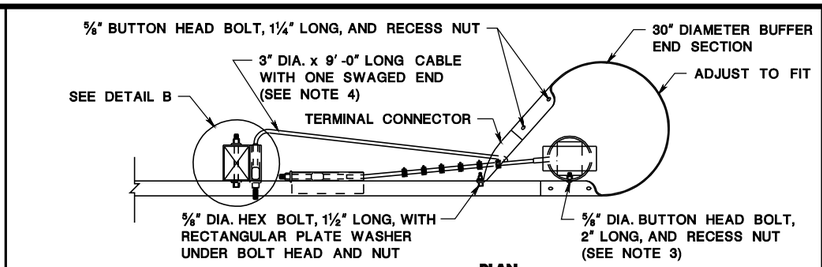
WOOD BREAKAWAY POST

CONTROLLED RELEASE TERMINALS

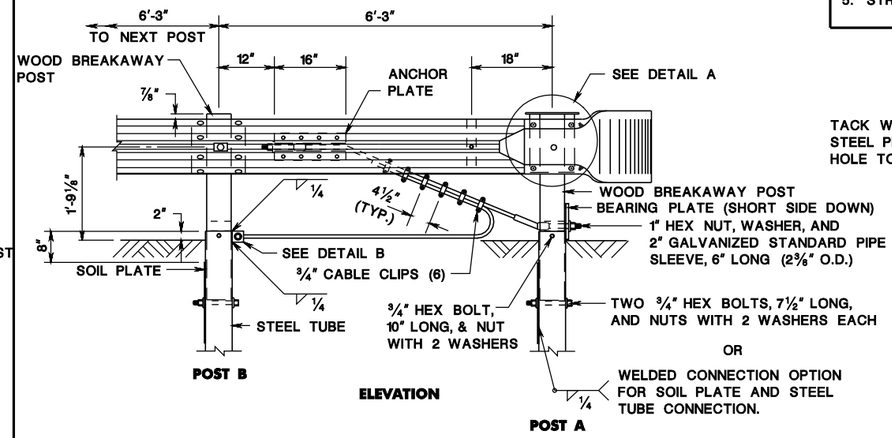
CD-609-6.1



STEEL TUBE

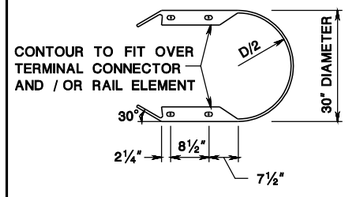


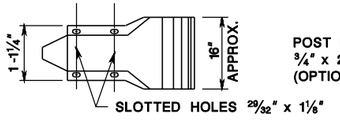
PLAN



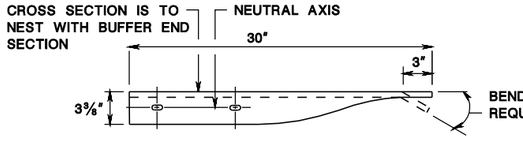
POST B **ELEVATION** **POST A**

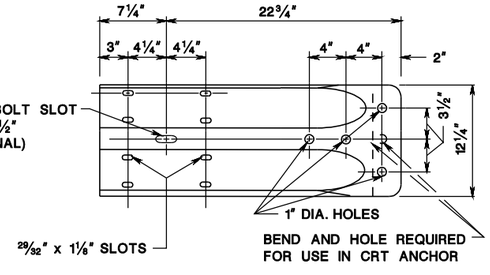
CRT ANCHOR





30" DIA. BUFFER END SECTION





TERMINAL CONNECTOR

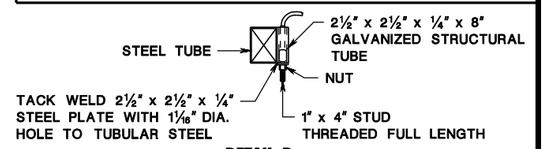
CONTROLLED RELEASE TERMINAL ANCHORAGE

CD-609-6.2

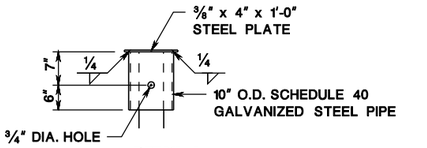
GENERAL NOTES:

1. NO WASHERS ARE USED ON THE 5/8" DIA. BUTTON HEAD BOLTS CONNECTING THE RAIL TO THE CONTROLLED RELEASE TERMINAL (CRT) POSTS.
2. FOR 8 FOOT RADIUS, THE RAIL ELEMENT NOT TO BE BOLTED TO THE CRT POST AT THE CENTER OF THE NOSE, AS SHOWN.
3. ATTACH W-BEAM TO STEEL PIPE WITH BUTTON HEAD BOLT WITH NO WASHER. NO CONNECTION TO POST IS REQUIRED.
4. WIRE ROPE CABLE TO CONFORM TO THE REQUIREMENTS OF AASHTO M30 AND BE 3/4" DIAMETER PREFORMED, 6 x 19, WIRE STRAND CORE OR INDEPENDENT WIRE ROPE CORE, GALVANIZED, RIGHT REGULAR LAY, MANUFACTURED OF IMPROVED PLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 42,800 POUNDS.
5. STRUCTURAL TUBING TO CONFORM TO ASTM A500.

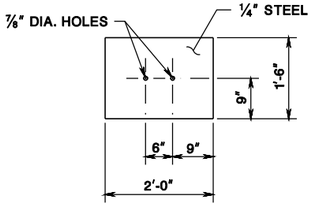
CD-609-6.3



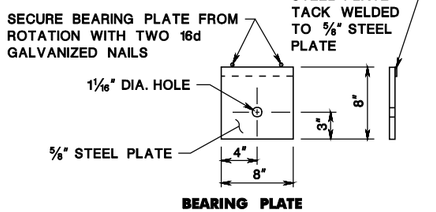
DETAIL B



DETAIL A



SOIL PLATE



BEARING PLATE

CONTROLLED RELEASE TERMINALS

N.T.S.

CD-609-6

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

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