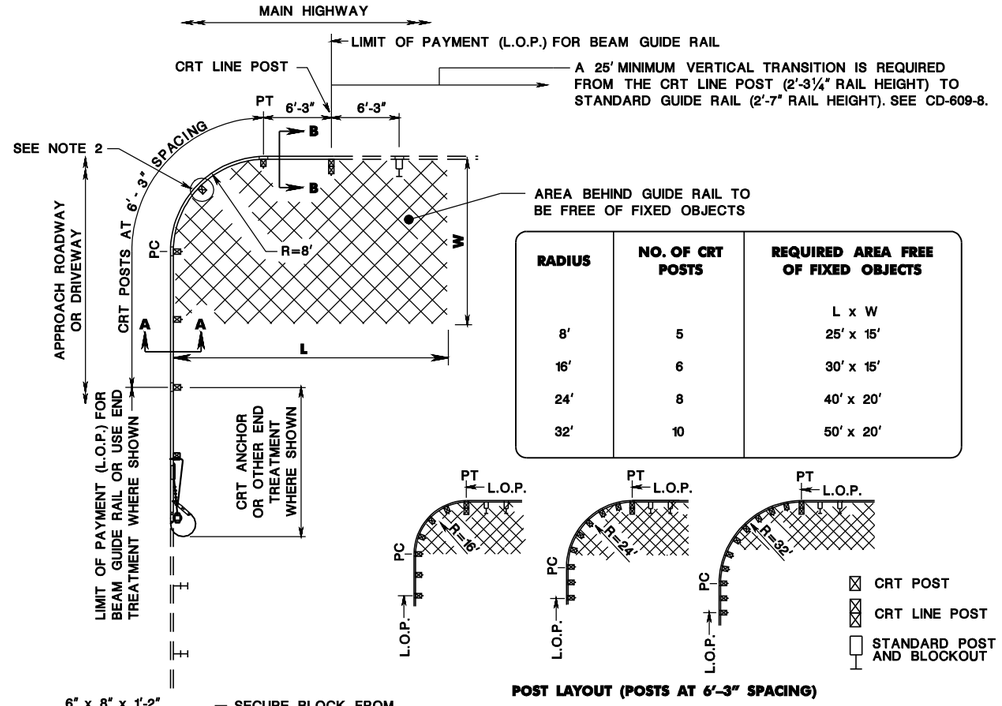
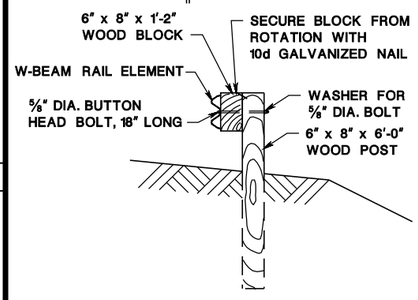
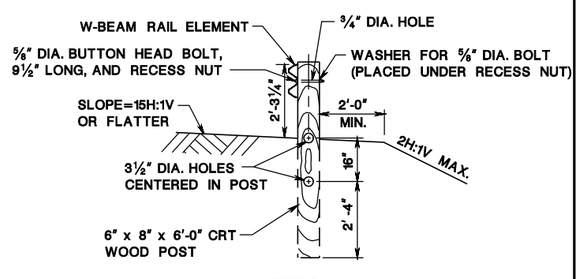


RADIUS	NO. OF CRT POSTS	REQUIRED AREA FREE OF FIXED OBJECTS
		L x W
8'	5	25' x 15'
16'	6	30' x 15'
24'	8	40' x 20'
32'	10	50' x 20'

POST LAYOUT (POSTS AT 6'-3" SPACING)



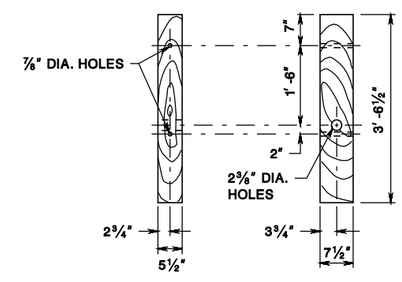
SECTION B–B
CRT LINE POST



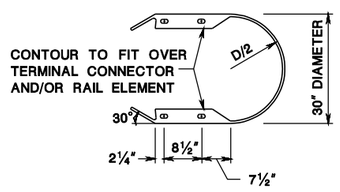
SECTION A–A
CRT POST

CONTROLLED RELEASE TERMINAL

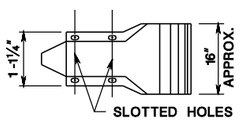
CD-609-6.1



WOOD BREAKAWAY POST

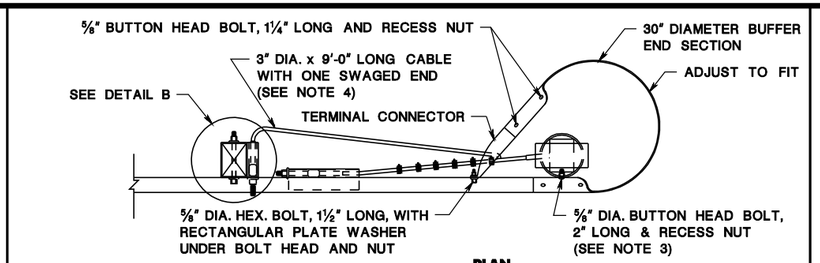


30" DIA. BUFFER END SECTION

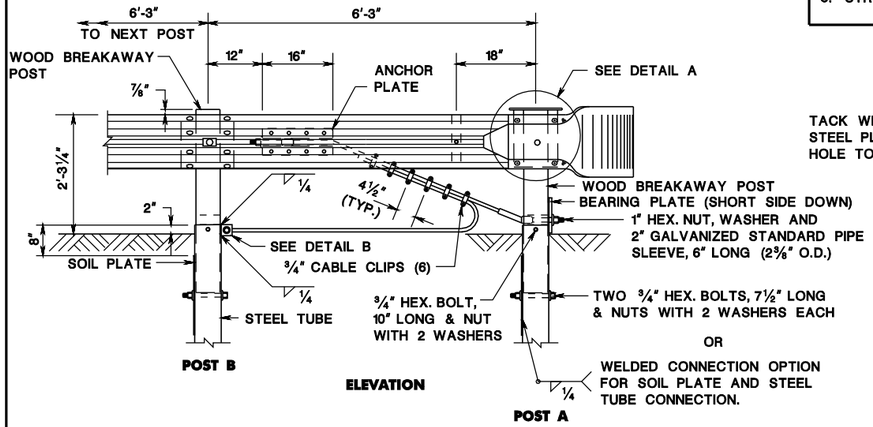


CONTROLLED RELEASE TERMINAL ANCHORAGE

CD-609-6.2



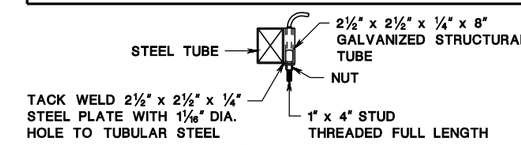
PLAN



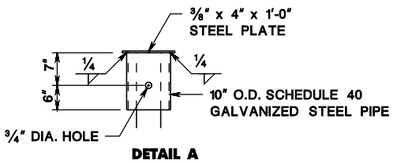
POST B

ELEVATION

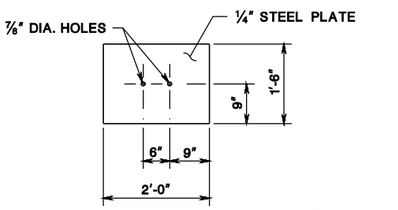
POST A



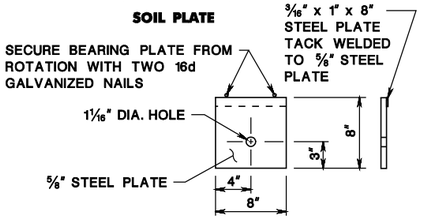
DETAIL B



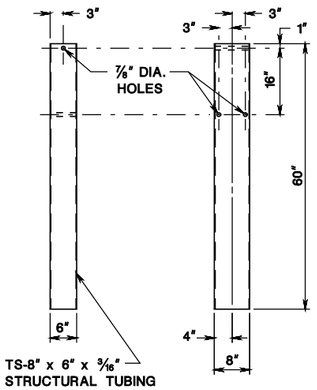
DETAIL A



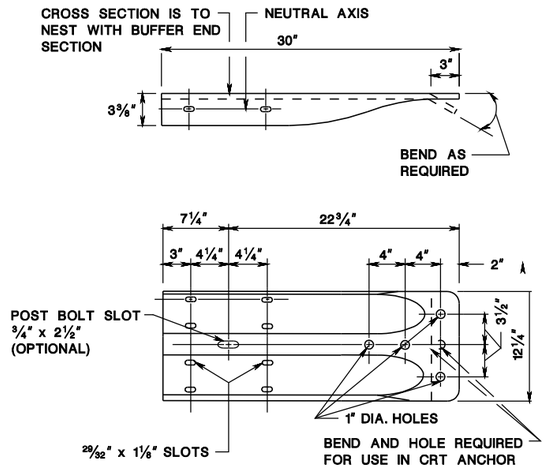
SOIL PLATE



BEARING PLATE



STEEL TUBE



TERMINAL CONNECTOR

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 ¾" 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

CONTROLLED RELEASE TERMINAL (NCHRP 230 TL–3)

N.T.S.

CD-609-6

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

BDC17D-09-REVISIONS TO CD-609-6
BDC96D-01-ORIGINAL SHEET

ID=TP2VILL date=19-JUL-2017 14:35 scale=64.140930:1.000000 pen table=\\NJDOTFRJTWS\V8system\NJDOTWS\Projects\NJDOTBasg\plot\TBLs\Roadway\Detail_11x17.tbl
file=