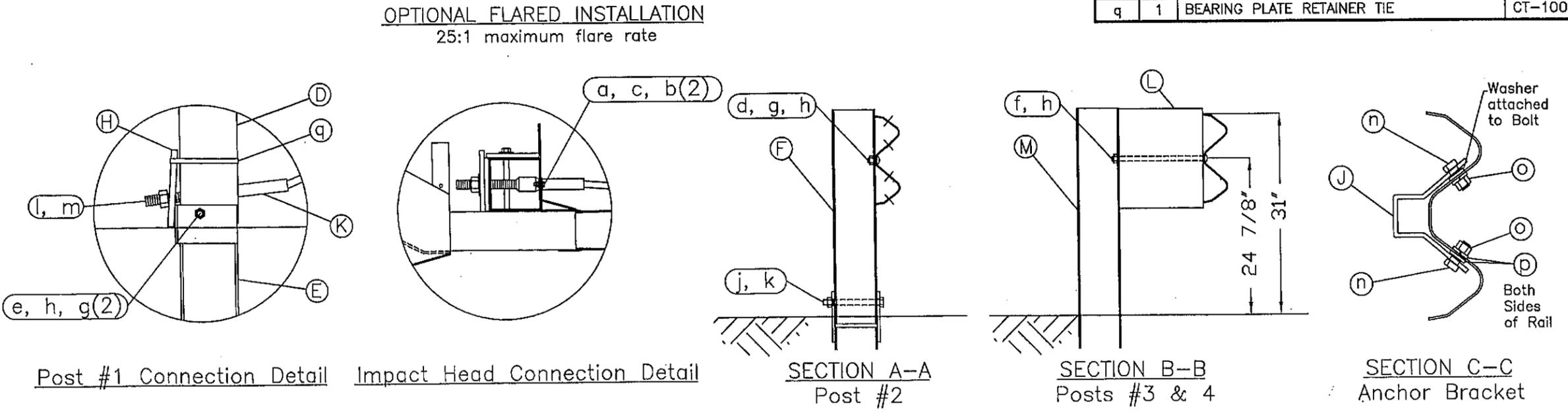


ITEM	QTY	BILL OF MATERIALS	ITEM NO.
A	1	IMPACT HEAD	S3000
B	1	W-BEAM GUARDRAIL END SECTION, 12 Ga.	S1303
C	1	MGS W-BEAM GUARDRAIL (9' 4 1/2")	G12025
D	1	FIRST POST TOP (6X6X1/4" Tube)	TPHP1A
E	1	FIRST POST BOTTOM (6' W6X15)	TPHP1B
F	1	SECOND POST ASSEMBLY TOP	UHP2A
G	1	SECOND POST ASSEMBLY BOTTOM	HP-B
H	1	BEARING PLATE	E750
J	1	CABLE ANCHOR BOX	S760
K	1	BCT CABLE ANCHOR ASSEMBLY	E770
L	2	MGS TIMBER BLOCKOUT OR RECYC. EQUIV.	P618
M	2	LINE POST	P621
HARDWARE (ALL DIMENSIONS IN INCHES)			
a	2	5/16 x 1 HEX BOLT GRD 5	B5160104A
b	4	5/16 WASHER	W0516
c	2	5/16 HEX NUT	N0516
d	9	5/8 Dia. x 1 1/4 SPLICE BOLT	B580122
e	1	5/8 Dia. x 9 HEX BOLT GRD 5	B580904A
f	2	5/8 Dia. x 14 H.G.R. BOLT	B581402
g	3	5/8 WASHER	W050
h	12	5/8 Dia. H.G.R. NUT	N050
j	1	3/4 Dia. x 8 1/2 HEX BOLT GRD A449	B340854A
k	1	3/4 Dia. HEX NUT	N030
l	2	1 ANCHOR CABLE HEX NUT	N100
m	2	1 ANCHOR CABLE WASHER	W100
n	8	1/2 RSI SHOULDER BOLT W/WASHER	SB12A
o	8	1/2 STRUCTURAL NUT	N012A
p	8	1/2 STRUCTURAL WASHER	W012A
q	1	BEARING PLATE RETAINER TIE	CT-100ST


 WASHINGTON STATE
 DEPARTMENT OF TRANSPORTATION

BY: Jell Petterson
 DATE: 6/17/16

Approved
 Approved with revision
 Rejected



GENERAL NOTES:

- All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
- The lower sections of the Posts 1&2 shall not protrude more than 4 in above the ground (measured along a 5' cord). Site grading may be necessary to meet this requirement.
- The lower sections of the hinged posts should not be driven with the upper post attached. If the post is placed in a drilled hole, the backfill material must be satisfactorily compacted to prevent settlement.
- When competent rock is encountered, a 12" Ø post hole, 20 in. deep cored into the rock surface may be used if approved by the engineer for post 1. Granular material will be placed in the bottom of the hole, approximately 2.5" deep to provide drainage. The first post can be field cut to length, placed in the hole and backfilled with suitable backfill. The soil plate may be trimmed if required.
- A site evaluation should be considered if there is less than 25' between the outlet side of the terminal and any adjacent driving lane.
- The breakaway cable assembly must be taut. A locking device (vice grips or channel lock pliers) should be used to prevent the cable from twisting when tightening nuts.
- This SKT Terminal should have at one additional section of w-beam prior to any stiff transition.


Road Systems, Inc.
 Big Spring, TX
 Sales: 432-263-2435
 Technical: 330-346-0721

Sequential Kinking Terminal, SKT
 Test Level 2: 21' 10 1/2" Length
 Midwest Guardrail System
 Steel Post System

Drawing Name: SKT-SP-TL2-S-MGS-S Scale: None

Sheet: 1
 Date: 07/23/13
 By: JRR
 Rev: 0