


GENERAL NOTES:

1. Breakaway posts are required with the SKT.
2. All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
3. The SKT can be flared at a rate of up to 25:1 to prevent the impact head from encroaching on the shoulder.
4. The lower sections of the posts shall not protrude more than 4" above the ground (measured along a 5' cord). Site grading may be necessary to meet this requirement.
5. The lower section 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.
6. When rock is encountered, a 10" Ø post hole, 20" into the rock surface may be used if approved by the engineer. Granular material will be placed in the bottom of the hole, approximately 2.5" deep to provide drainage. Posts 1 & 2 can be field cut to length, placed in the hole and backfilled with adequately compacted material excavated from the hole.
7. 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.
8. A site evaluation should be considered if there is less than 25' between the outlet side of the terminal and any adjacent driving lane.

ITEM	QTY	BILL OF MATERIALS	ITEM NO.
A	1	SKT IMPACT HEAD	S3000
B	1	SKT ANCHOR RAIL 12'-6"	SF1303
C	3	W-BEAM GUARDRAIL 12'-6"	G1203
D	1	UNIVERSAL HINGE POST #1 UPPER	UHP1A
E	1	HINGE POST #1 LOWER	HP1B
F	1	UNIVERSAL HINGE POST #2 UPPER	UHP2A
G	1	HINGE POST #2 LOWER	HP2B
*H	6	HINGED POST UPPER	HP-A
*J	6	HINGED POST LOWER	HP-B
K	1	BEARING PLATE	E750
L	1	CABLE ANCHOR BOX	S760
M	1	BCT CABLE ANCHOR ASSEMBLY	E770
N	1	HINGED POST GROUND STRUT	S785
O	6	RECYCLED PLASTIC BLOCK OR EQUIV.	CBSP-14

HARDWARE (ALL DIMENSIONS IN INCHES)			
#a	2	5/16 x 3 HEX BOLT GRD 5	B5160304A
#b	4	5/16 WASHER	W0516
#c	2	5/16 HEX NUT	N0516
d	25	5/8 Dia. x 1 1/4 SPLICE BOLT	B580122
e	6	5/8 Dia. x 10 H.G.R. BOLT	B581002
f	1	5/8 Dia. x 9 HEX BOLT GRD 5	B580904A
g	2	5/8 WASHER	W050
h	31	5/8 Dia. H.G.R. NUT	N050
j	1	5/8 Dia. NUT	N055
*k	7	3/4 Dia. x 8 1/2 HEX BOLT GRD A449	B340854A
*l	7	3/4 Dia. HEX NUT	N030
m	2	3/4 Dia. WASHER	W030
n	2	1" HEX NUT	N100
o	2	1" WASHER	W100
p	8	1/2 RSI SHOULDER BOLT W/WASHER	SB12A
q	8	1/2 STRUCTURAL NUT	N012A
r	8	1/2 STRUCTURAL WASHER	W012A
s	1	BEARING PLATE RETAINER TIE	CT-100ST
* OPTIONAL WELDED POST QUANTITIES (POSTS 3-8)			
*PW	6	WELDED BREAKAWAY POST	PB621
*k	1	3/4 Dia. x 8 1/2 HEX BOLT GRD A449	B340854A
*l	1	3/4 Dia. HEX NUT	N030
#OPTIONAL HEAD CONNECTION			
#x	2	1/4 x 4 HEX BOLT GRD 5	B140404A
#y	4	1/4 WASHER	W014
#z	2	1/4 HEX NUT	N014



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Sequential Kinking Terminal SKT Assembly

Steel Post System Hinged and Welded Options

Drawing Name: **SKT-S** Scale: **NONE**

Sheet: **A1**

Date: **11/28/12**

By: **JRR**

Rev: **0**