


ITEM	QTY	DESCRIPTION	PART #
A	1	Box-Beam Impact Head	B3000
B	1	Upper End Post W6x9 x 1'-9 1/2" LG.	BEAT-UP
C	1	Concrete Base Assembly Post 1	B-SS200
D	1	Support Bracket L4x2 x 4" LG.	BEAT-SB
E	1	Post Breaker Welded TS2x2x1/4"	BEAT-PB
F	1	Cable Anchor Assembly	E770
G	1	Cable Anchor Bearing Plate	E750
H	1	End Tube Rail x 8'-0" LG.	B-SS102
J	7	Steel Breakaway Line Post W6x9 x 1'-9 3/4" LG.	B-SS-PSM
K	5	Support Bracket w/ Blockout TS6x6 w/ Bent PL.	B-SS104
L	1	Second Rail x 16'-2 1/2" LG.	B-SS106
M	1	Transition Blockout x 5'-5 1/2" LG.	B-SS108
N	2	Trans. Support Bracket 3/16" Bent PL. w/ Gusset	B-SS110
P	2	Bent End Splice - Detail Below	BP-SC
Q	2	1" Square Washer PL. 4x4x1/4"	B-SS112
R	1	Anchor Rail x 8'-6 13/16" LG.	B-SS114
S	2	Splice Plate 10"x 10"x 3/8"	B-SS116
T	1	3/8" GALV. Cable x 20'-0"	C3820
U	6	Tie Plate PL. 11 1/2x3 1/2x3/16"	B-SS120
V	1	Spacer (OMIT ON 90° WALL)	B-SS122
Z	14	Concrete Base Angle Bracket Post 2-8	B-SS210
HARDWARE			
a	1	1/4" x 3" Hex Bolt Grade 2	B140304
b	1	1/4" Hex Nut	N014
c	1	1/4" Washer	W014
d	14	5/16" x 7" Hex Bolt Grade 5	B5160704A
e	14	5/16" Hex Nut	N0516
f	28	5/16" Washer	W0516
g	1	1/2" x 2" Hex Bolt	B120204
h	1	1/2" x 5" Hex Bolt Grade 5	B120504A
i	2	1/2" Hex Nut	N012
j	1	1/2" Washer	W012
k	7	5/8" x 1 1/2" Hex Bolt	B580154
l	7	5/8" Recess Nut	N050
m	14	5/8" x 2" Hex Bolt Grade 5	B580204A
n	4	5/8" x 2 1/2" Hex Bolt Grade 5	B580254A
o	1	5/8" x 3" Hex Bolt Grade 5	B580304A
p	4	5/8" x 6" Hex Bolt Grade 5	B580604A
q	8	5/8" x 8" Hex Bolt Grade 5	B580804A
r	4	5/8" x 9" Hex Bolt Grade 5	B580904A
s	39	5/8" Hex Nut	N055
t	43	5/8" Washer	W050
u	2	1" x 16" Hex Bolt Grade 5 (Length Varies w/ Wall Sect.)	B101604A
v	4	1" Hex Nut Grade 5	N100A
w	4	1" Washer Grade 5	W100A
x	2	Cable Tie	CT100
y	31	3/4" Anchor (20 kip capacity) Not Supplied	

General Notes for the BEAT-SSCC-SM:

- 1.) Unless otherwise noted, all hardware, cable assemblies, tubing, posts, impact heads and other steel components shall be galvanized.
- 2.) The breakaway cable assembly must be taut. A locking device (vice grips or channel locks) should be used to prevent the cable from twisting when tightening nuts.
- 3.) An object marker meeting State specifications should be installed on the front of the impact head.
- 4.) The approach area in front of the BEAT-SSCC-SM and the area within the system itself shall be free of fixed obstacles and have a fill slope or a cut slope of 10:1 or flatter.

ITEM P Splice Channels Will Set On The Top And Bottom Of ITEM L Second Rail. The Bent Plates Welded To The End Of ITEM H Ene Tube Rail Will Set On Top Of ITEM P Splice Channels.



Big Spring, TX
Phone: 432-263-2435
or Phone: 330-346-0721

BEAT-SSCC-SM
Single Sided Crash Cushion

Surface Mounted
Assembly Drawing

Sheet:
A1

Date:
01/20/10

By:
JRR

Rev:
A

Drawing Name: **BEAT-SSCC-SM-US**

Scale: **NONE**