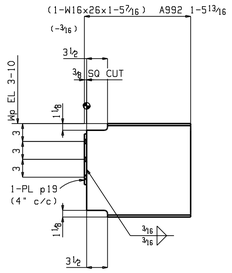
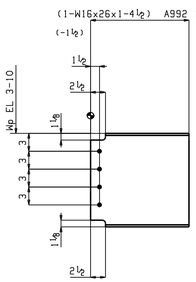
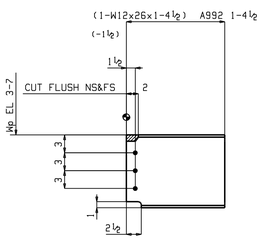


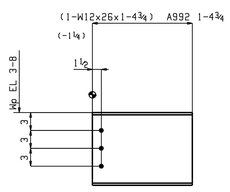
ONE BEAM 3-1



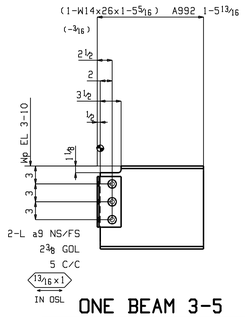
ONE BEAM 3-2



ONE BEAM 3-3

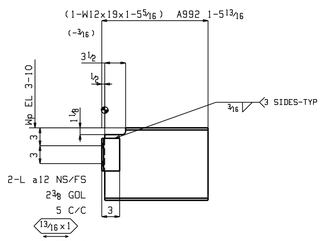


ONE BEAM 3-4

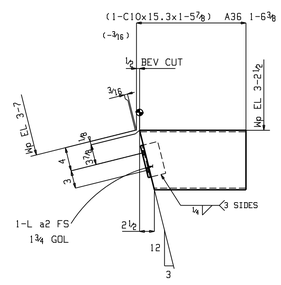


ONE BEAM 3-5

SHOP BOLTS:
3-3/4x2 A325N w/1HD WASH



ONE BEAM 3-6

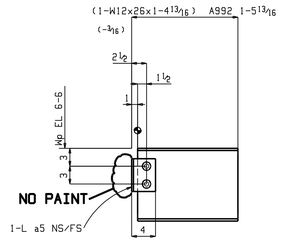


ONE BEAM 3-8

SHOP NOTE:
TOE DIRECTION FAR SIDE

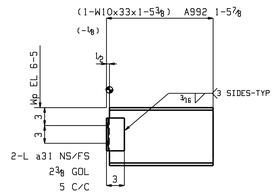
ONE BEAM 3-7

SHOP NOTE:
TOE DIRECTION FAR SIDE

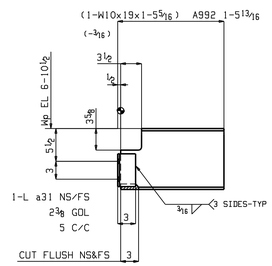


ONE BEAM 3-9

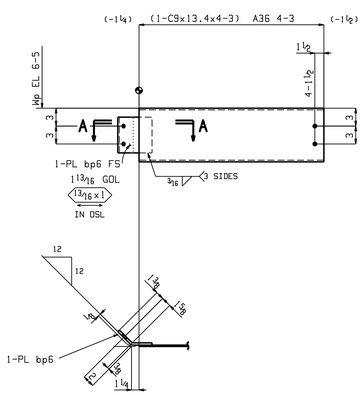
SHOP BOLTS:
2-3/4x2 A325N w/1HD WASH



ONE BEAM 3-10



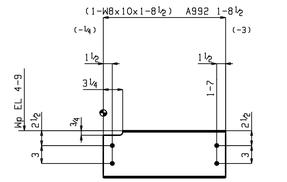
ONE BEAM 3-11



Section A-A
3-12

ONE BEAM 3-12

SHOP NOTE:
TOE DIRECTION FAR SIDE



ONE BEAM 3-13

BILL OF MATERIAL

LINE	Piece Mark	Quan Unit	Quan Total	Description	Length		Height Unit	Height Total	Remarks
1	3-1		ONE	BEAM			44	44	
2	w3	1	1	W16x26	1	5 7/16	38	38	SIE A992
3	p19	1	1	PL 3/8x6 1/2	0	8 1/2	6	6	A36
4									
5									
6	3-2		ONE	BEAM			36	36	
7	w16	1	1	W16x26	1	4 1/2	36	36	A992
8									
9									
10	3-3		ONE	BEAM			36	36	
11	w13	1	1	W12x26	1	4 1/2	36	36	A992
12									
13									
14	3-4		ONE	BEAM			36	36	
15	w18	1	1	W12x26	1	4 3/4	36	36	A992
16									
17									
18	3-5		ONE	BEAM			51	51	
19	w6	1	1	W14x26	1	5 5/16	38	38	A992
20	a9	2	2	L4x4x5/16	0	8 1/2	6	12	A36
21		3	3	3/4 Dia A325N	0	2	1	2	1HD WASH
22									
23									
24	3-6		ONE	BEAM			34	34	
25	w15	1	1	W12x19	1	5 5/16	27	27	A992
26	a12	2	2	L4x3x5/16	0	5 1/2	3	7	A36
27									
28									
29	3-7		ONE	BEAM			29	29	
30	c6	1	1	C12x20.7	1	5	29	29	A36
31									
32									
33	3-8		ONE	BEAM			26	26	
34	c1	1	1	C10x15.3	1	5 7/8	23	23	BIE A36
35	a2	1	1	L3x3x5/16	0	5 1/2	3	3	A36
36									
37									
38	3-9		ONE	BEAM			44	44	
39	w2	1	1	W12x26	1	4 13/16	36	36	A992
40	a5	2	2	L4x3x5/16	0	5 1/2	3	7	A36
41		2	2	3/4 Dia A325N	0	2	1	1	1HD WASH
42									
43									
44	3-10		ONE	BEAM			54	54	
45	w9	1	1	W10x33	1	5 3/8	48	48	A992
46	a31	2	2	L4x3x5/16	0	5 1/2	3	7	A36
47									
48									
49	3-11		ONE	BEAM			34	34	
50	w17	1	1	W10x19	1	5 5/16	27	27	A992
51	a31	2	2	L4x3x5/16	0	5 1/2	3	7	A36
52									
53									
54	3-12		ONE	BEAM			61	61	
55	c5	1	1	C9x13.4	4	3	57	57	A36
56	bp6	1	1	BPL 3/8x6 1/2	0	6	4	4	BENT A36
57									
58									
59	3-13		ONE	BEAM			17	17	
60	w8	1	1	W8x10	1	8 1/2	17	17	A992
61									
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74									

ERECTION DWG. NO____

SENT FOR APPROVAL

DATE	BY	REMARKS

SHOPE NOTE: PAINT PIECE MARK ON LEFT END AS DETAILED

SHOPE NOTE: ALL RE-ENTRANT CORNERS SHALL BE SHAPED NOTCH FREE TO A RADIUS AT LEAST 1/8"

"USE NO. 70XX WELD ROD"
ALL COMPLETE JOINT PENETRATION BUTT WELDS L.H. 7018 (L.H. LOW HYDROGEN)

NO	REVISION
B	
A	

OPEN HOLES: 13/16 (U.N.)
NO PAINT WITHIN 3" OF OPEN HOLES
PAINT

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

DWG DATE: BB 12-03
CKD DATE: JS 01-04
CODE

DETAILS

STRUCTURAL STEEL TEACHING SCULPTURE

CONTR. NO. SDS100 | DWG. NO D3