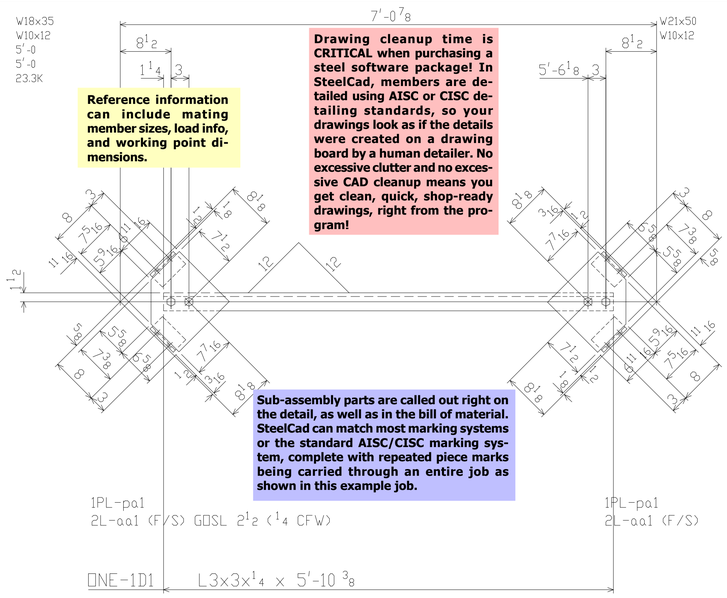
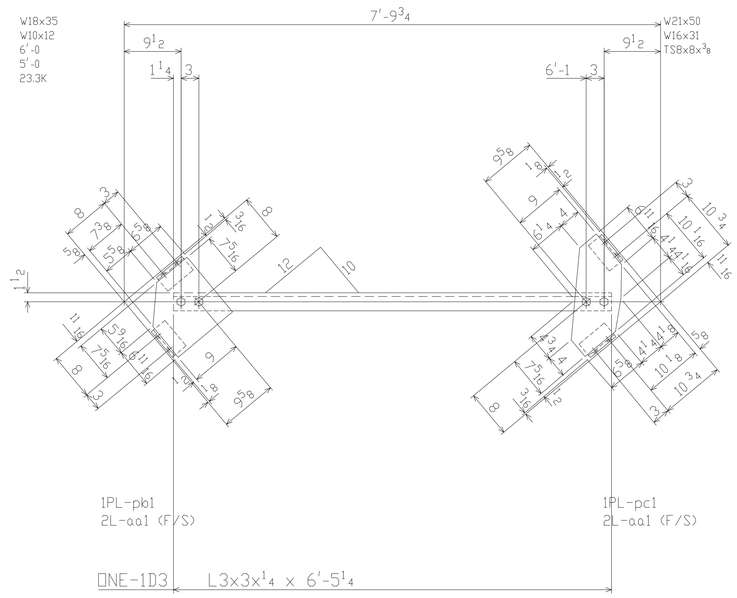


Reference information can include mating member sizes, load info, and working point dimensions.

Drawing cleanup time is CRITICAL when purchasing a steel software package! In SteelCad, members are detailed using AISC or CISC detailing standards, so your drawings look as if the details were created on a drawing board by a human detailer. No excessive clutter and no excessive CAD cleanup means you get clean, quick, shop-ready drawings, right from the program!

Sub-assembly parts are called out right on the detail, as well as in the bill of material. SteelCad can match most marking systems or the standard AISC/CISC marking system, complete with repeated piece marks being carried through an entire job as shown in this example job.



SteelCad's bill of material design is highly customizable, allowing for your own custom column headings. It also lets you choose which columns you want to appear in the bill of material, and in what order.

Don't see the columns you're used to? SteelCad also supports an advanced bill of material (ABM) number column, several division (or sequence) columns, single item and total item weight columns, a shipping quantity column, and several miscellaneous columns that you can define yourself.

If you use pre-printed drawing paper, you can disable SteelCad's bill of material, border, and title block entirely, or disable the lines and keep the bill of material text on the finished drawings.

Or, if you have a CAD drawing that you use for your bill of material, simply have SteelCad import the CAD drawing with each drawing it creates.

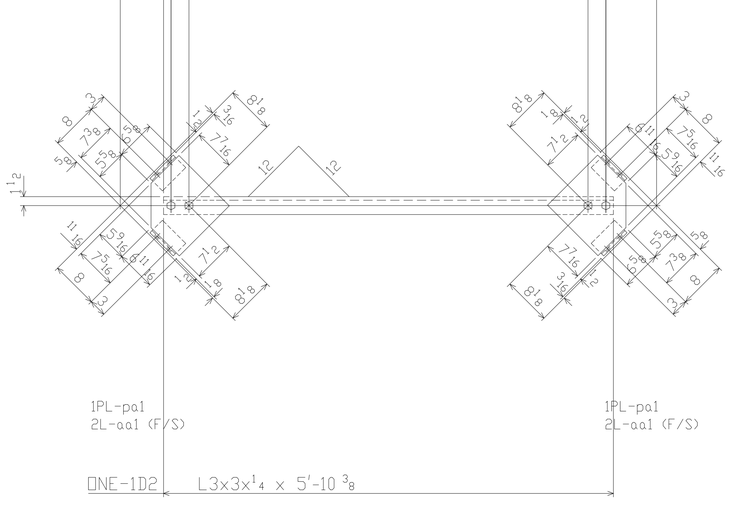
Our program completely bills each main piece and all its sub-assembly parts automatically.

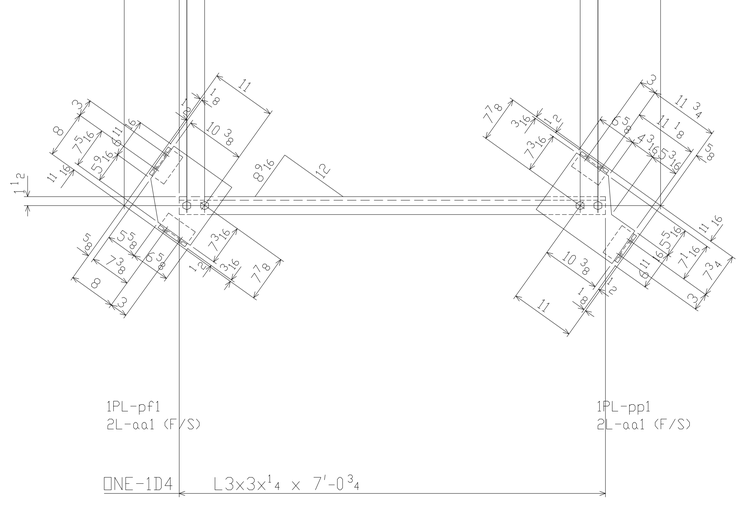
Sub-assembly parts can be grouped together in the bill of material or grouped with the main assemblies to which they are attached, as shown on this drawing.

If SteelCad encounters a sub-assembly part that has already been billed on the current drawing, it can either suppress the bill info (as shown one sub-assembly part aa1 under assembly 1D4, at right) or re-bill the sub-assembly piece in its entirety.

Our stacked-fractional dimensions make it much easier to fit part descriptions in their respective bill of material columns.

Don't need a bill of material at all? Have SteelCad suppress the bill. It's that simple. Flexibility is the name of the game, and SteelCad plays hardball.





None of the drawings you will see in this sample contract have been altered in any CAD program in ANY way. These drawings are EXACTLY as they appeared when generated DIRECTLY from SteelCad Millennium and sent to AutoCAD 2000.

Although these drawings were sent to AutoCAD 2000, SteelCad's drawings look virtually the same in ANY DXF-compatible CAD system, including any version of AutoCAD since version 12, any version of AutoCAD LT since its original release, IntelliCAD 2000, Microstation, FastCAD32, EasyCAD32, and the original FastCAD.

In most cases, SteelCad doesn't require you to import its drawings into your CAD program. Our program will simply find all supported CAD systems on your hard drive (or mapped network drive) and let you choose which one to use as the default CAD system. Then when you tell SteelCad to generate a drawing, it will automatically launch your CAD program with the drawing already loaded. It's that simple, and simplicity is KEY when purchasing a steel software package.

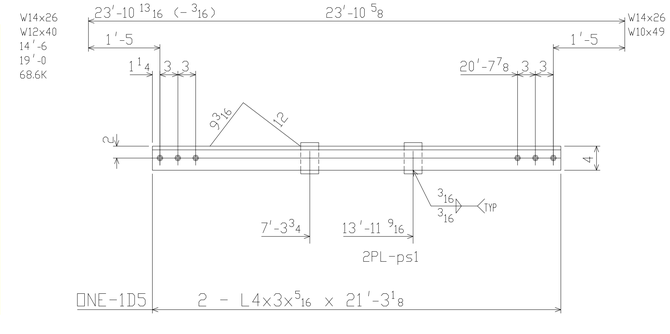
Once a member is detailed, SteelCad retains all its connection information. When you detail the mating member(s), our program simply recalls the information already input and passes that information to the member being detailed.

What this means to you is that you will never have to re-enter information for a member or its end connections. No searching through CAD libraries or inputting information more than once. Once SteelCad generates a detail, you can sit back and let SteelCad do the work.

And if that's not enough, SteelCad will design connections for you based upon your shop standards and the standards for a particular contract, complete with design load and information for bolts, welds, and connection members. No searching through connection types for one that will work. No need to design your own connections and have the program check them for you. SteelCad's intuitive end connection design creates standardized end connections based on current AISC or CISC standards. When SteelCad creates a connection you can be sure it passes.

Got an approver who insists a connection will work when you know it won't? Just print out SteelCad's design calculations.

But what if you have a small bay to span with a heavy beam? Will you be stuck with unnecessarily thick material, inordinately large bolts, or massive quantities of bolts on a member that requires hardly any load? No. SteelCad let's you override its connection design with ease.



SteelCad can generate a title block automatically or you can create a custom title block using SteelCad's custom title block utility. If neither of those options suits you, you can create one in CAD, disable SteelCad's title blocks entirely, and have SteelCad import the title block for you.

BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-1D1					2
1		L3x3x1/4	5	10 3/8	29		3
4	aa1	L4x3x5/16	0	5 1/2	14		4
2	pa1	PL 7/8x12 1/4	1	0 1/4	75		5
4	di	3/4 A325 BOLT(S)	0	2 1/4	3		6
							7
							8
		ONE-1D2					9
1		L3x3x1/4	5	10 3/8	29		10
4	aa1				14		11
2	pa1				75		12
4	di				3		13
							14
							15
		ONE-1D3					16
1		L3x3x1/4	6	5 1/4	32		17
4	aa1				14		18
1	pb1	PL 7/8x12 1/4	1	0 1/4	38		19
1	pc1	PL 7/8x15	1	3	56		20
4	di				3		21
							22
							23
		ONE-1D4					24
1		L3x3x1/4	7	0 3/4	35		25
4	aa1				14		26
1	pf1	PL 7/8x12 1/4	1	0 1/4	38		27
1	pp1	PL 7/8x12	1	4	48		28
4	di				3		29
							30
							31
		ONE-1D5					32
1		BRACE					33
2	ab1	L4x3x5/16	21	3 1/8	307		34
2	ps1	PL 7/8x3	0	4 1/2	7		35
							36
							37
							38
							39
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FIELD BOLTS

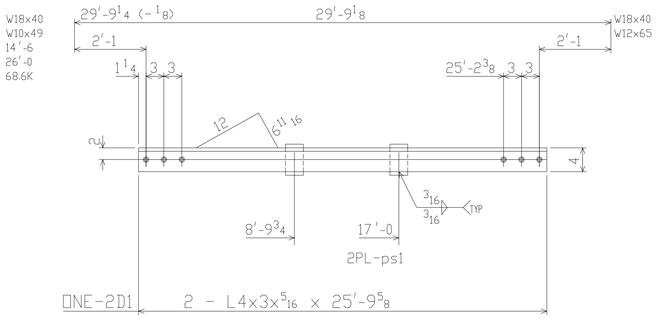
PAINT	1-CT PRIMER
MATERIAL	A36 U/NOTED
HOLES	13/16 U/NOTED
ELECTRODES	E70XX
TOTAL WEIGHT	826
DIAG. REF #	

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
REVISIONS					

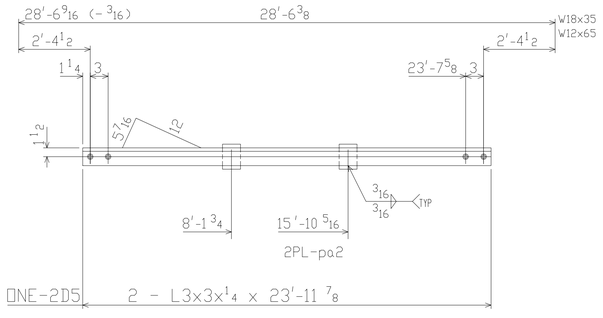
STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 1
DATE		

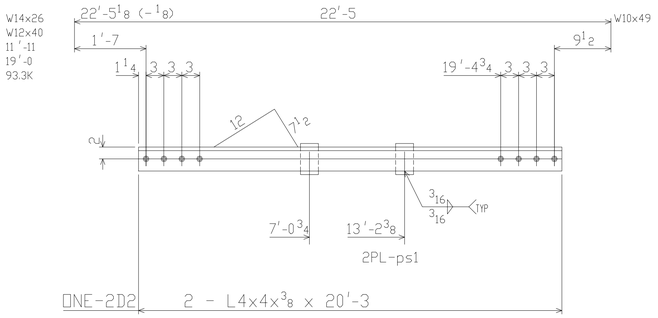
W18x40
W10x49
14'-6
26'-0
68.6K



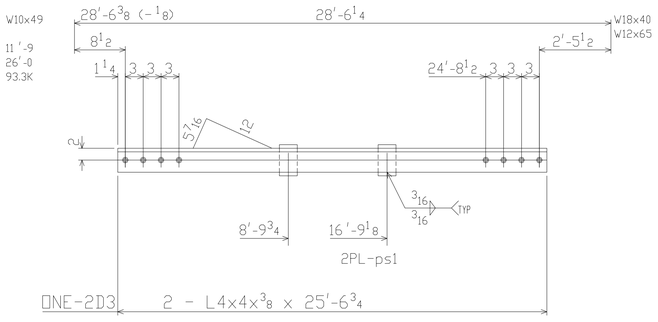
W18x40
W10x49
11'-9 1/2
26'-0
46.7K



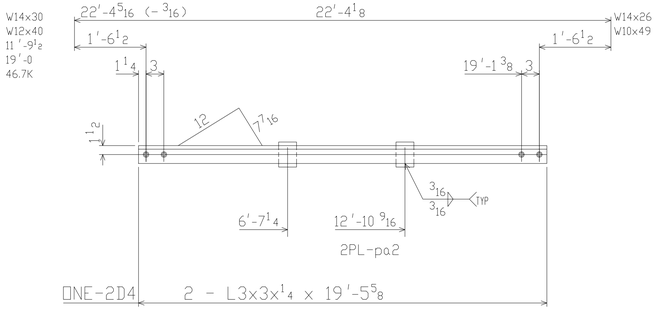
W14x26
W12x40
11'-11
19'-0
93.3K



W10x49
11'-9
26'-0
93.3K



W14x30
W12x40
11'-9 1/2
19'-0
46.7K



BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-2D1					2
1		BRACE					3
2	aa2	L4x3x3/16	25	9 3/8	372		4
2	ps1	PL 7/8x3	0	4 1/2	7		5
							6
							7
		ONE-2D2					8
1		BRACE					9
2	ab2	L4x4x3/8	20	3	397		10
2	ps1				7		11
							12
							13
		ONE-2D3					14
1		BRACE					15
2	ac2	L4x4x3/8	25	6 3/4	502		16
2	ps1				7		17
							18
							19
		ONE-2D4					20
1		BRACE					21
2	ad2	L3x3x1/4	19	5 3/8	191		22
2	pa2	PL 7/8x3	0	3 1/2	6		23
							24
							25
		ONE-2D5					26
1		BRACE					27
2	af2	L3x3x1/4	23	11 7/8	236		28
2	pa2				6		29
							30
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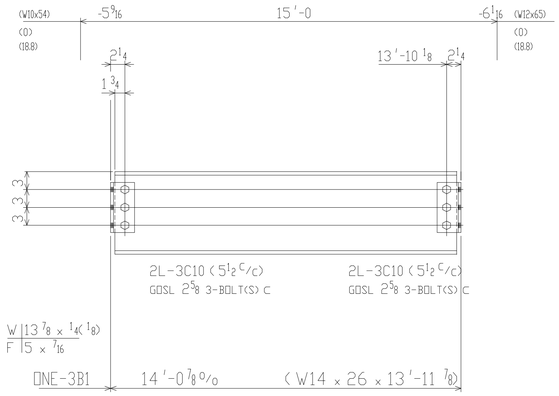
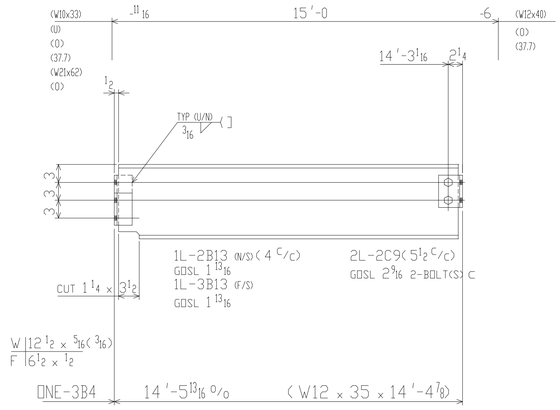
FIELD BOLTS	
PAINT	1-CT PRIMER
MATERIAL	A36 U/NOTED
HOLES	13/16 U/NOTED
ELECTRODES	E70XX
TOTAL WEIGHT	1726
DIAG. REF #	

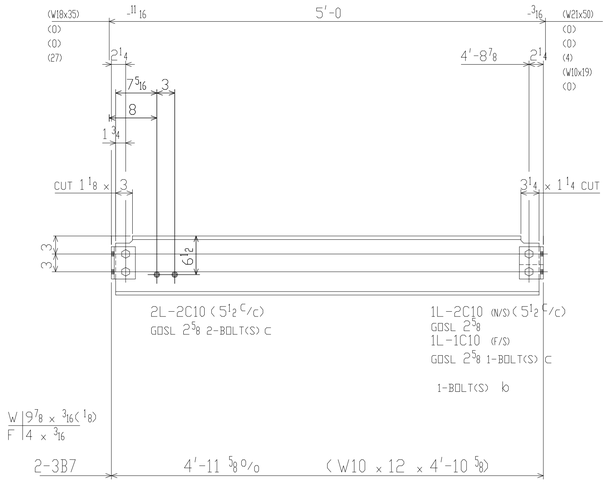
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
REVISIONS					

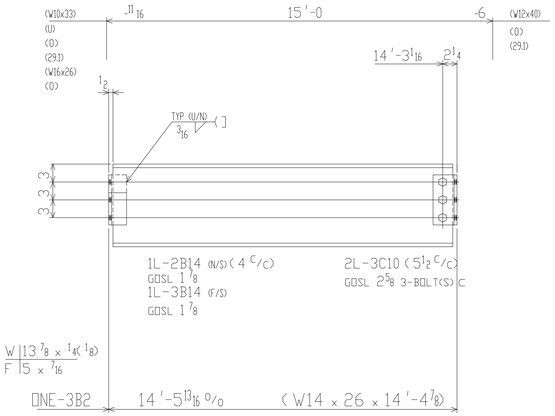
STEELCAD CONSULTING CORP.

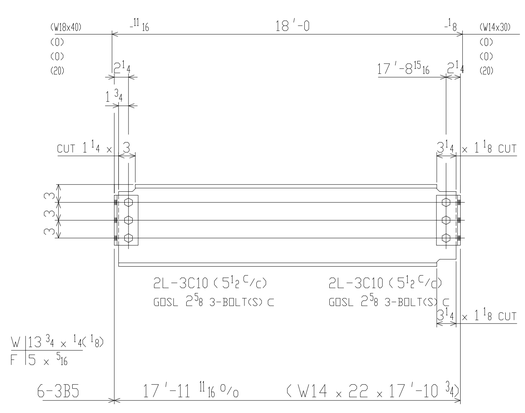
DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 2
DATE		

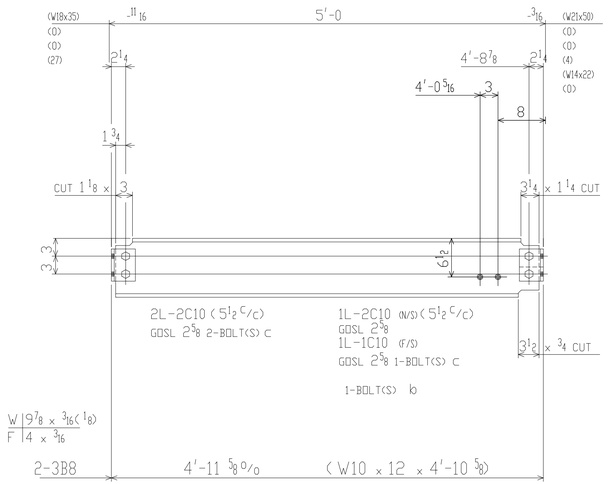


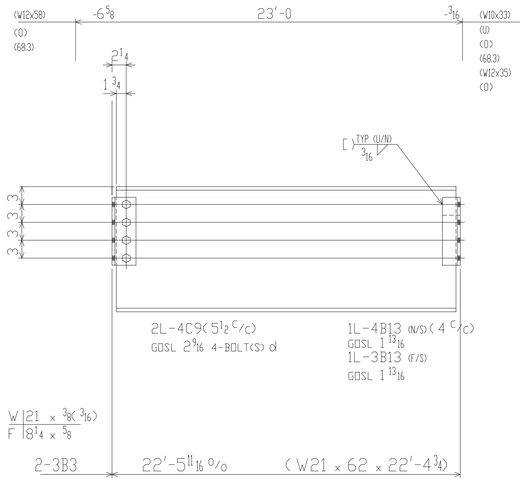


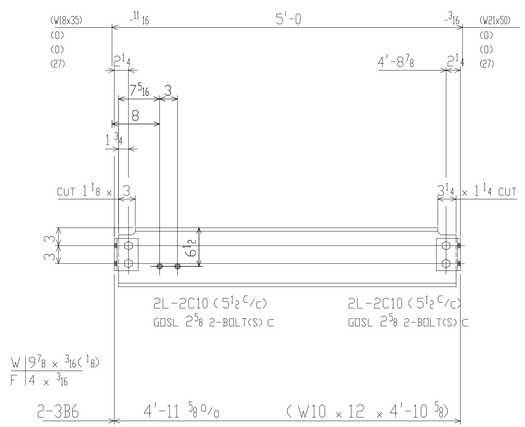


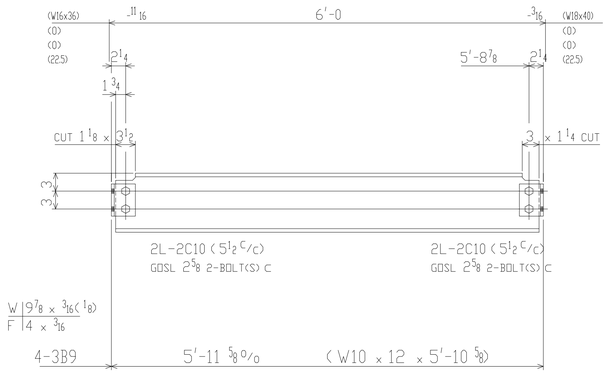












BILL OF MATERIAL

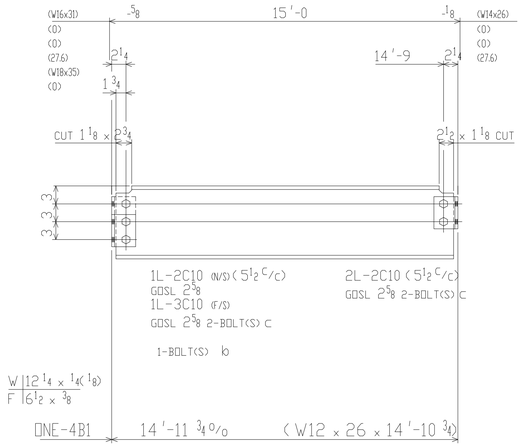
QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-3B1					2
1		W14x26	13	11 7/8	364		3
4	3C10	L4x3 1/2x 5/16	0	8 1/2	22		4
6	c	3/4 A325 BOLT(S)	0	2	4		5
							6
							7
		ONE-3B2					8
1		W14x26	14	4 7/8	375		9
1	2B14	L3x3x 5/16	0	5 1/2	3		10
1	3B14	L3x3x 5/16	0	8 1/2	5		11
2	3C10				11		12
3	c				2		13
							14
							15
		2-3B3					16
2		W21x62	22	4 3/4	2778		17
4	4C9	L4x3 1/2x 5/16	0	11 1/2	30		18
2	4B13	L3x3x 5/16	0	11 1/2	12		19
2	3B13	L3x3x 5/16	0	8 1/2	9		20
8	al	3/4 A325 BOLT(S)	0	2 1/4	5		21
							22
							23
		ONE-3B4					24
1		W12x35	14	4 7/8	505		25
1	2B13	L3x3x 5/16	0	5 1/2	3		26
1	3B13				5		27
2	2C9	L4x3 1/2x 5/16	0	5 1/2	8		28
2	c				2		29
							30
							31
		6-3B5					32
6		W14x22	17	10 3/4	2363		33
24	3C10				131		34
36	c				22		35
							36
							37
		2-3B6					38
2		W10x12	4	10 5/8	118		39
8	2C10	L4x3 1/2x 5/16	0	5 1/2	29		40
8	c				5		41
							42
							43
		2-3B7					44
2		W10x12	4	10 5/8	118		45
6	2C10				22		46
2	1C10	L4x3 1/2x 5/16	0	2 1/2	4		47
2	lb	3/4 A325 BOLT(S)	0	1 3/4	2		48
6	c				4		49
							50
							51
		2-3B8					52
2		W10x12	4	10 5/8	118		53
6	2C10				22		54
2	1C10				4		55
2	lb				2		56
6	c				4		57
							58
							59
		4-3B9					60
4		W10x12	5	10 5/8	283		61
16	2C10				57		62
16	c				10		63
							64
							65
							66
							67
							68
							69
							70

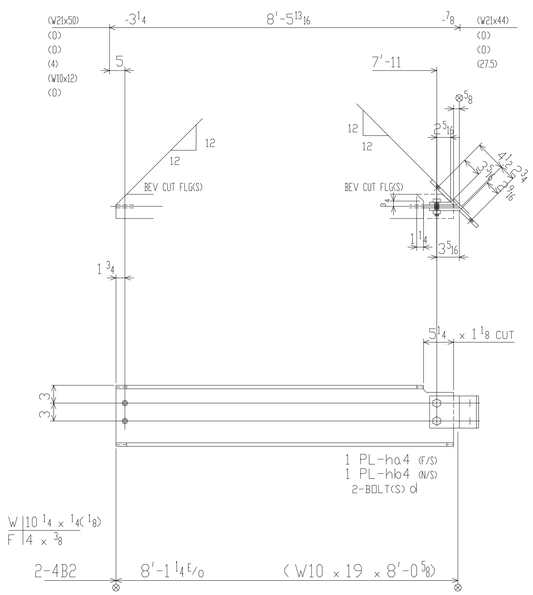
FIELD BOLTS	48 3/4 A325 x 1 3/4
PAINT	1-CT PRIMER
MATERIAL	A36 U/NOTED
HOLES	13/16 U/NOTED
ELECTRODES	E70XX
TOTAL WEIGHT	7440
DIAG. REF #	

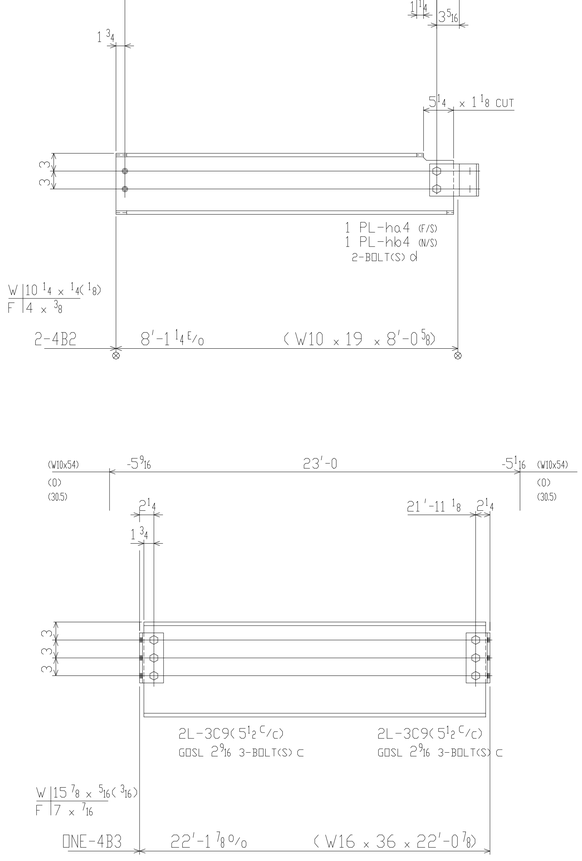
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
REVISIONS					

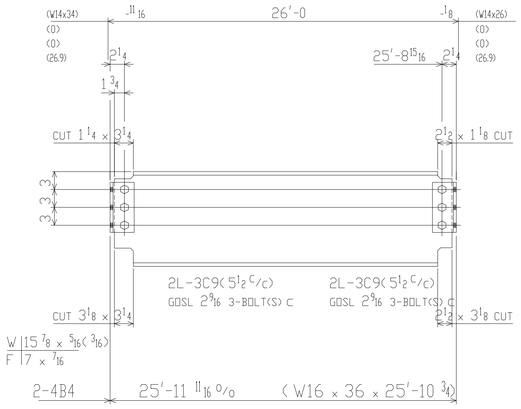
STEELCAD CONSULTING CORP.

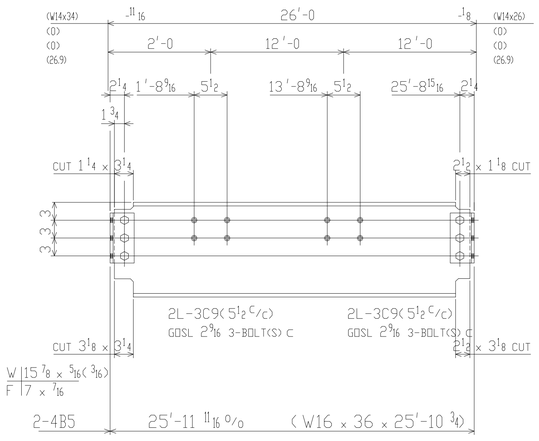
DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-16-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 3
DATE		

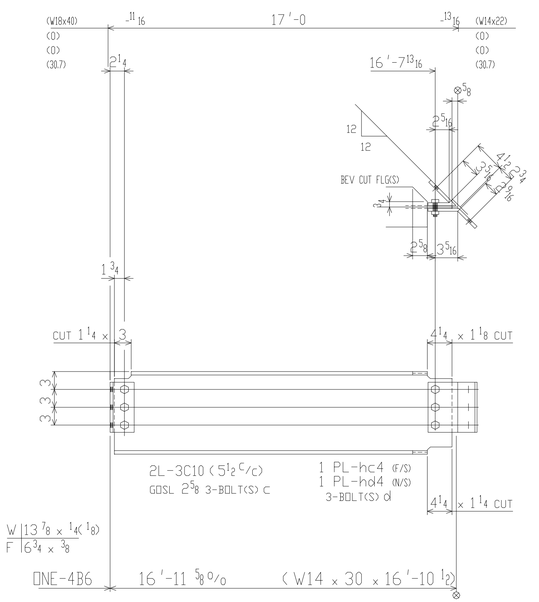


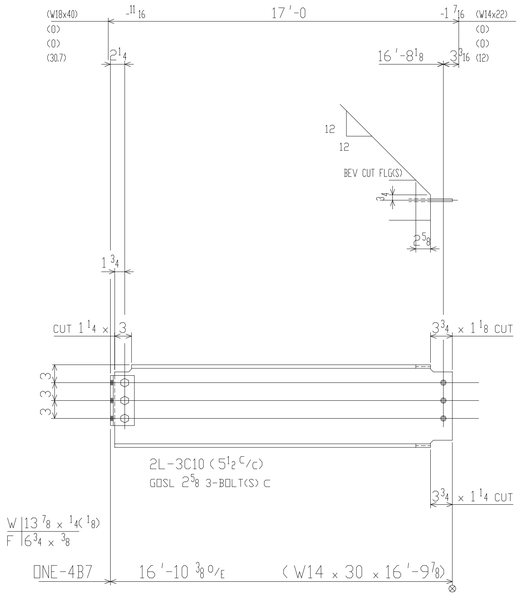


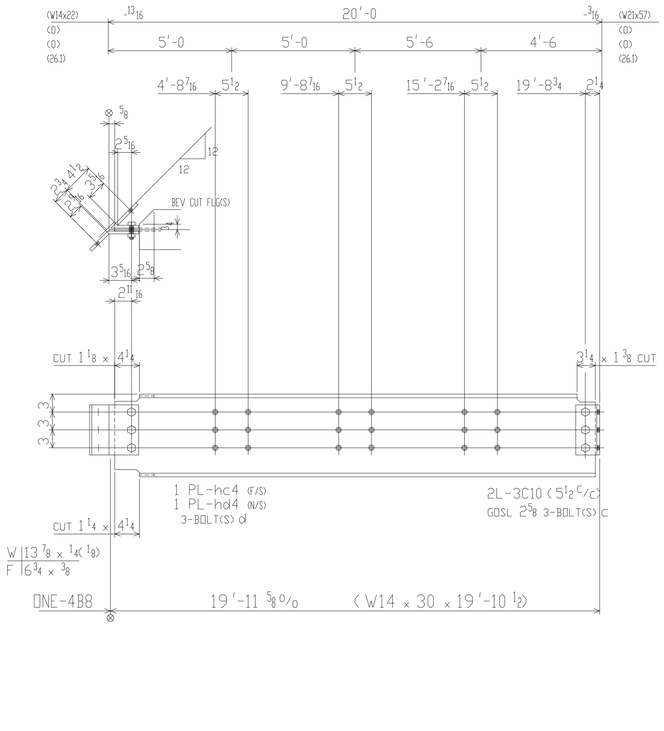












BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-4B1					2
1		W12x26	14	10 3/4	388		3
3	2C10	L4x3 1/2x5/16	0	5 1/2	11		4
1	3C10	L4x3 1/2x5/16	0	8 1/2	6		5
1	b	3/4 A325 BOLT(S)	0	1 3/4	1		6
4	c	3/4 A325 BOLT(S)	0	2	3		7
							8
							9
		2-4B2					10
2		W10x19	8	0 5/8	306		11
2	hb4	PL 3/8x5 1/2	0	8 3/8	10	BENT	12
2	ha4	PL 3/8x5 1/2	0	8 1/8	10	BENT	13
4	d	3/4 A325 BOLT(S)	0	2 1/4	3		14
							15
							16
		ONE-4B3					17
1		W16x36	22	0 7/8	795		18
4	3C9	L4x3 1/2x5/16	0	8 1/2	22		19
6	c				4		20
							21
							22
		2-4B4					23
2		W16x36	25	10 3/4	1865		24
8	3C9				44		25
12	c				8		26
							27
							28
		2-4B5					29
2		W16x36	25	10 3/4	1865		30
8	3C9				44		31
12	c				8		32
							33
							34
		ONE-4B6					35
1		W14x30	16	10 1/2	507		36
2	3C10				11		37
1	hd4	PL 3/8x8 3/8	0	8 1/2	8	BENT	38
1	hc4	PL 3/8x8 3/8	0	8 1/2	8	BENT	39
3	c				2		40
3	d				2		41
							42
							43
		ONE-4B7					44
1		W14x30	16	9 7/8	505		45
2	3C10				11		46
3	c				2		47
							48
							49
		ONE-4B8					50
1		W14x30	19	10 1/2	597		51
1	hd4				8	BENT	52
1	hc4				8	BENT	53
2	3C10				11		54
3	c				2		55
3	d				2		56
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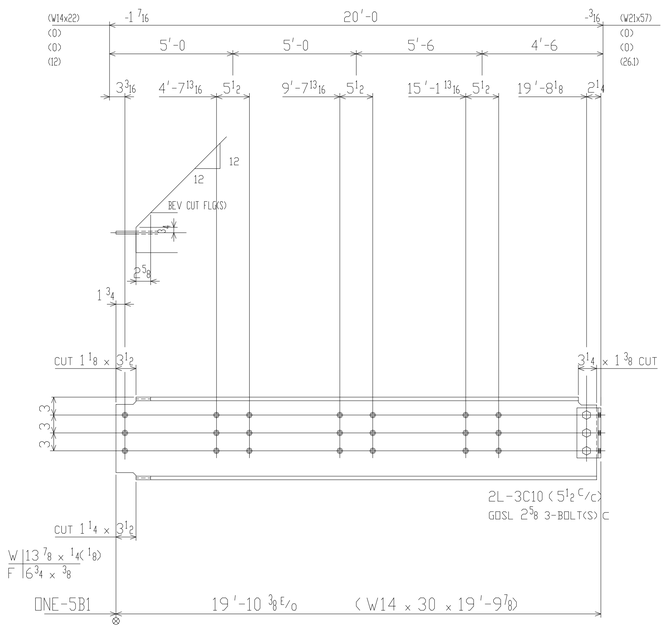
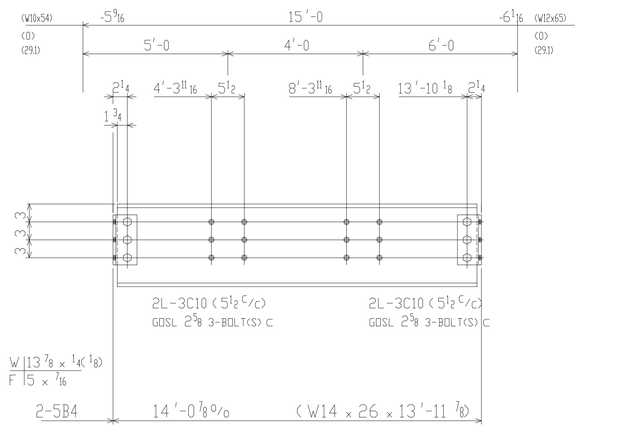
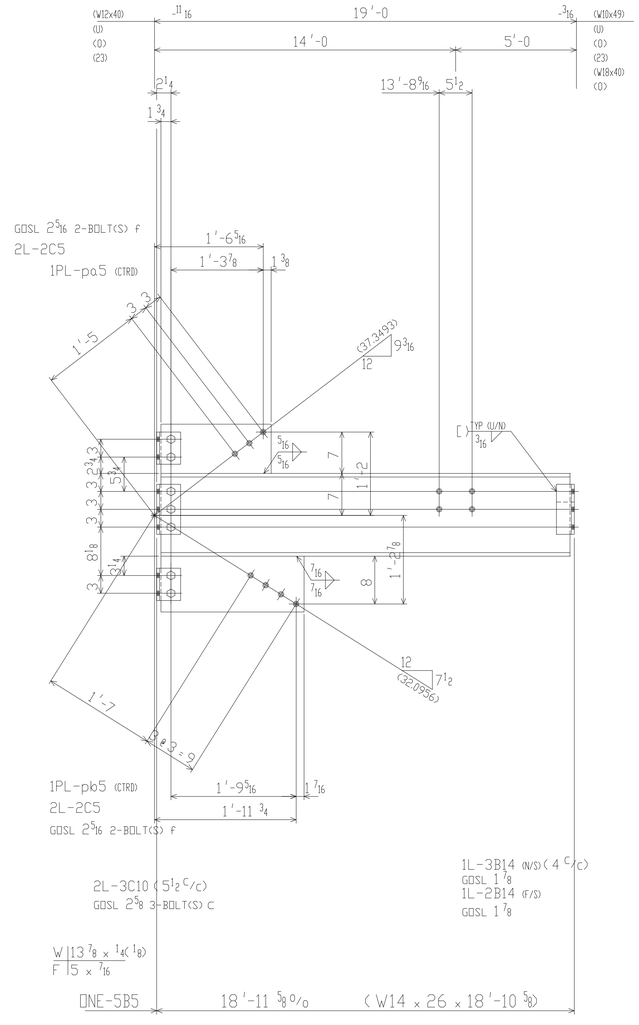
FIELD BOLTS	34 3/4 A325 x 1 3/4							
PAINT	1-CT PRIMER							
MATERIAL	A36 U/NOTED							
HOLES	13/16 U/NOTED							
ELECTRODES	E70XX							
TOTAL WEIGHT	7063	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION	
DIAG. REF #		REVISIONS						

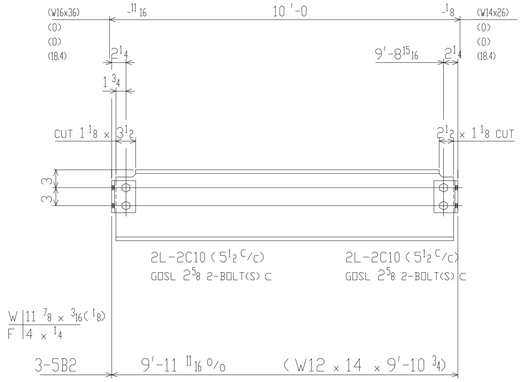
STEELCAD CONSULTING CORP.

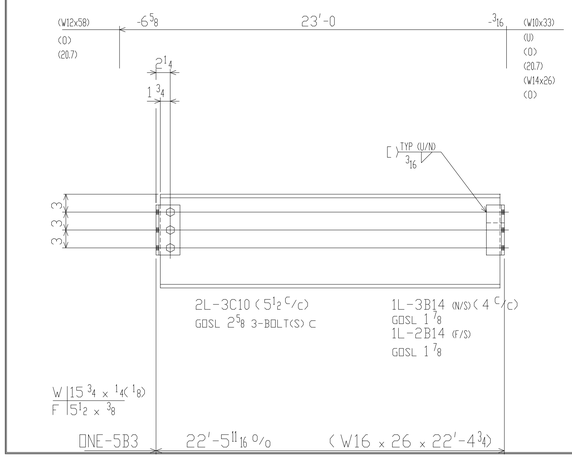
DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-16-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 4
DATE		











BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-5B1					2
1		W14x30	19	9 7/8	595		3
2	3C10	L4x3 1/2x 5/16	0	8 1/2	11		4
3	c	3/4 A325 BOLT(S)	0	2	2		5
							6
							7
		3-5B2					8
3		W12x14	9	10 3/4	416		9
12	2C10	L4x3 1/2x 5/16	0	5 1/2	43		10
12	c				8		11
							12
							13
		ONE-5B3					14
1		W16x26	22	4 3/4	583		15
2	3C10				11		16
1	3B14	L3x3x 5/16	0	8 1/2	5		17
1	2B14	L3x3x 5/16	0	5 1/2	3		18
3	c				2		19
							20
							21
		2-5B4					22
2		W14x26	13	11 7/8	728		23
8	3C10				44		24
12	c				8		25
							26
							27
		ONE-5B5					28
1		W14x26	18	10 5/8	492		29
2	3C10				11		30
1	3B14				5		31
1	2B14				3		32
4	2C5	L4x3 1/2x 5/16	0	5 1/2	15		33
1	pa5	PL 7/8x 8 1/4	1	7	39		34
1	pb5	PL 7/8x 9 1/4	2	0 1/2	57		35
3	c				2		36
4	f	3/4 A325 BOLT(S)	0	2 3/4	3		37
							38
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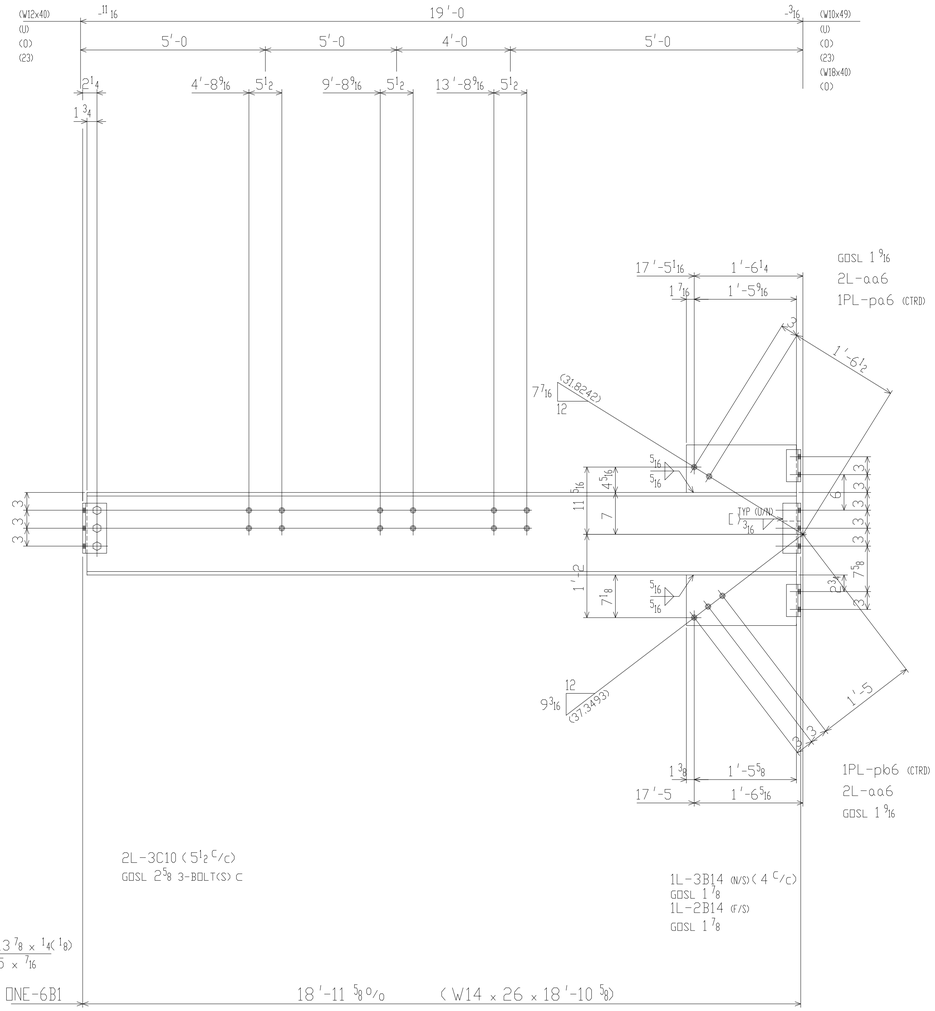
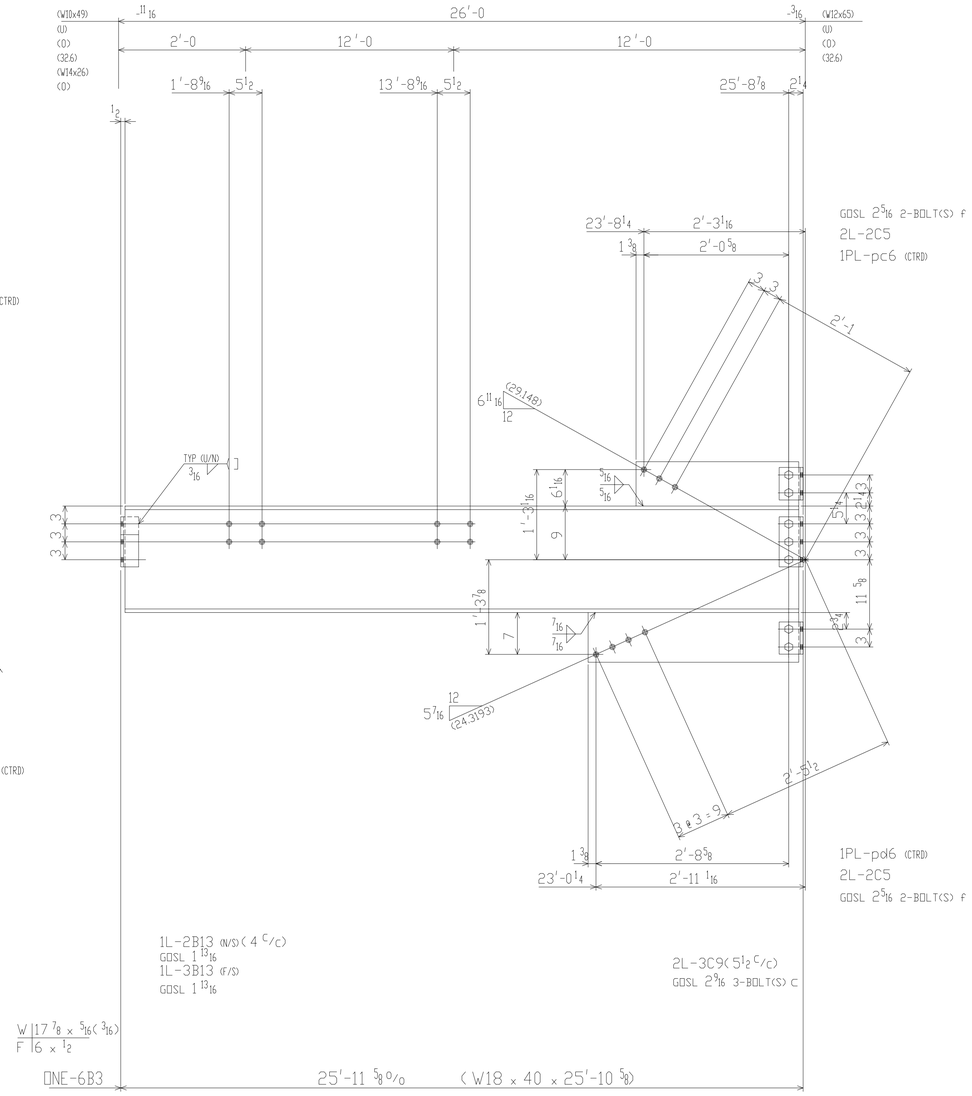
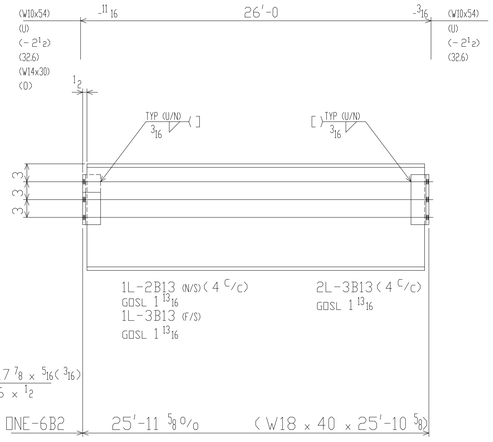
FIELD BOLTS	46 3/4 A325 x 1 3/4	7 3/4 A325 x 2 3/4						
PAINT	1-CT PRIMER							
MATERIAL	A36 U/NOTED							
HOLES	13/16 U/NOTED							
ELECTRODES	E70XX							
TOTAL WEIGHT	3075	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION	
DIAG. REF #		REVISIONS						

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 5
DATE		







BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-6B1					2
1		W14x26	18	10 5/8	492		3
2	3C10	L4x3 1/2x 5/16	0	8 1/2	11		4
1	3B14	L3x3x 5/16	0	8 1/2	5		5
1	2B14	L3x3x 5/16	0	5 1/2	3		6
4	aa6	L3x3x 5/16	0	5 1/2	12		7
1	pa6	PL 7/8x8	1	7	38		8
1	pb6	PL 7/8x8 1/2	1	7	41		9
3	c	3/4 A325 BOLT(S)	0	2	2		10
							11
							12
		ONE-6B2					13
1		W18x40	25	10 5/8	1036		14
1	2B13	L3x3x 5/16	0	5 1/2	3		15
3	3B13	L3x3x 5/16	0	8 1/2	13		16
							17
							18
		ONE-6B3					19
1		W18x40	25	10 5/8	1036		20
1	2B13				3		21
1	3B13				5		22
2	3C9	L4x3 1/2x 5/16	0	8 1/2	11		23
4	2C5	L4x3 1/2x 5/16	0	5 1/2	15		24
1	pc6	PL 7/8x7 1/2	2	3 3/4	52		25
1	pd6	PL 7/8x8 1/4	2	11 3/4	74		26
3	c				2		27
4	f	3/4 A325 BOLT(S)	0	2 3/4	3		28
							29
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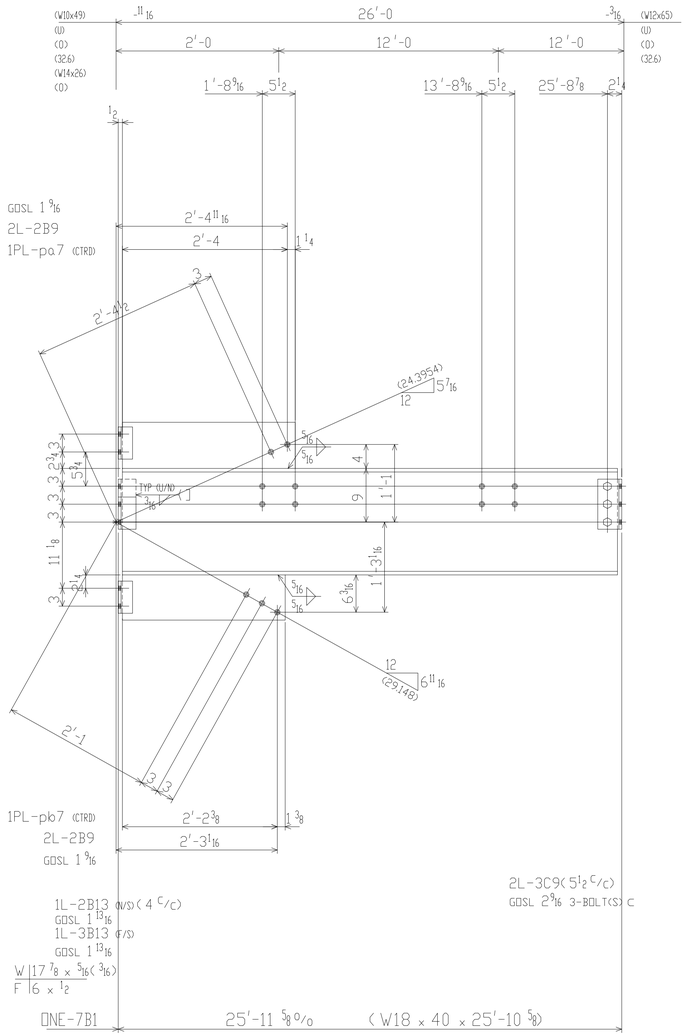
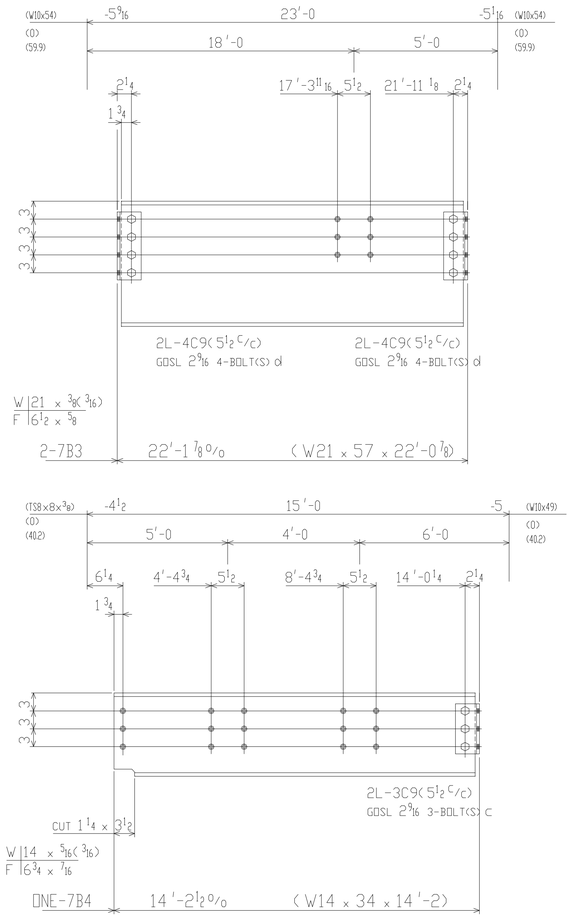
FIELD BOLTS	20 3/4 A325 x 1 3/4 12 3/4 A325 x 2 3/4
PAINT	1-CT PRIMER
MATERIAL	A36 U/NOTED
HOLES	13/16 U/NOTED
ELECTRODES	E70XX
TOTAL WEIGHT	2848
DIAG. REF #	

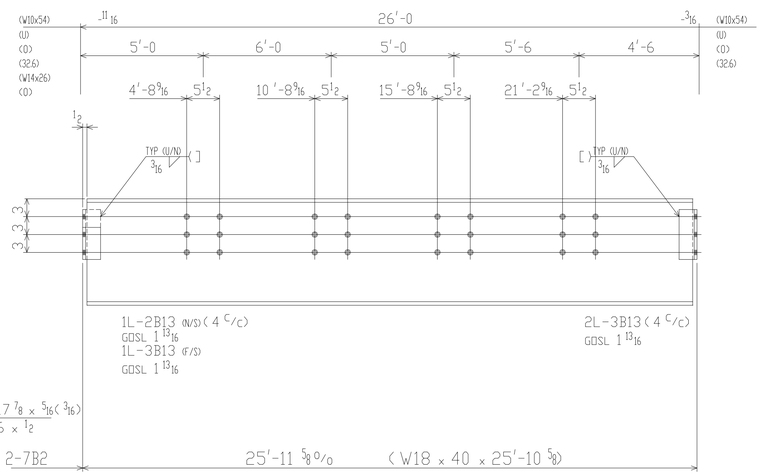
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
REVISIONS					

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 6
DATE		







BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-7B1					2
1		W18x40	25	10 5/8	1036		3
1	2B13	L3x3x5/16	0	5 1/2	3		4
1	3B13	L3x3x5/16	0	8 1/2	5		5
2	3C9	L4x3 1/2x5/16	0	8 1/2	11		6
4	2B9	L3x3x5/16	0	5 1/2	12		7
1	pa.7	PL 7/8x7 3/4	2	5 1/4	57		8
1	pb7	PL 7/8x7 1/2	2	3 3/4	52		9
3	c	3/4 A325 BOLT(S)	0	2	2		10
							11
							12
		2-7B2					13
2		W18x40	25	10 5/8	2071		14
2	2B13				6		15
6	3B13				26		16
							17
							18
		2-7B3					19
2		W21x57	22	0 7/8	2517		20
8	4C9	L4x3 1/2x5/16	0	11 1/2	60		21
16	oi	3/4 A325 BOLT(S)	0	2 1/4	10		22
							23
							24
		ONE-7B4					25
1		W14x34	14	2	482		26
2	3C9				11		27
3	c				2		28
							29
							30
							31
							32
							33
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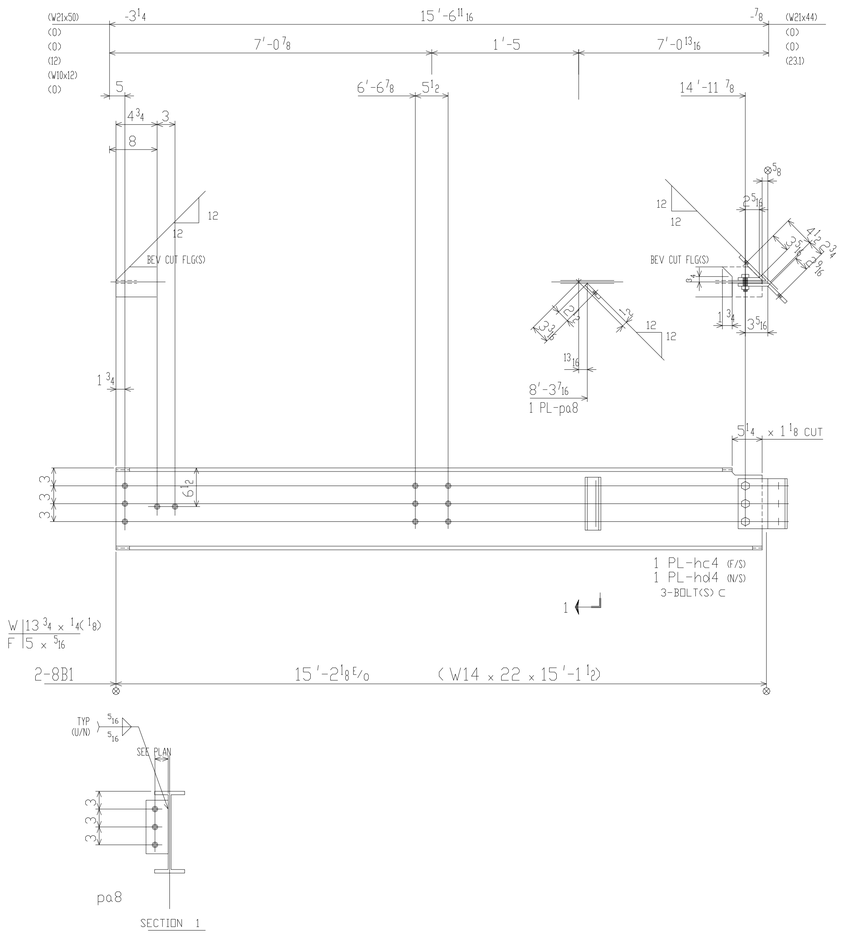
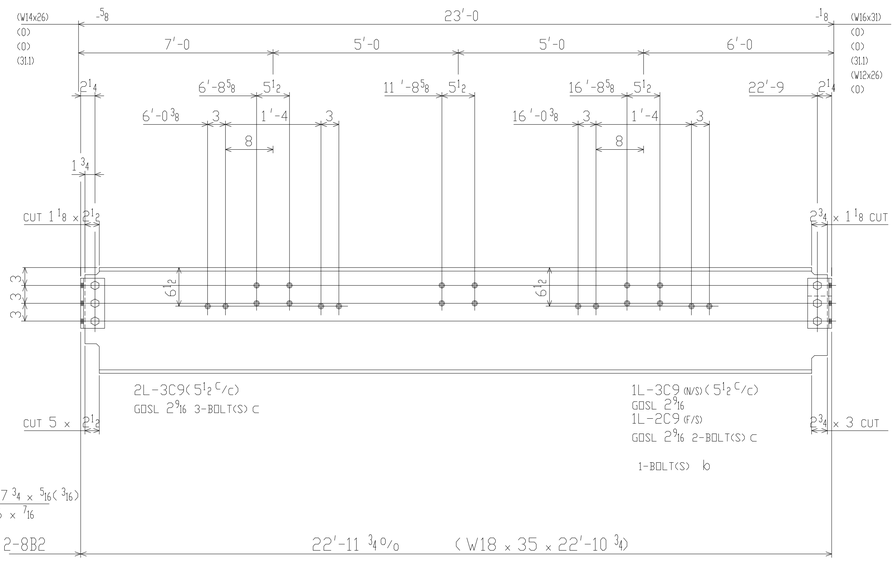
FIELD BOLTS	80 3/4 A325 x 1 3/4 5 3/4 A325 x 2 3/4							
PAINT	1-CT PRIMER							
MATERIAL	A36 U/NOTED							
HOLES	13/16 U/NOTED							
ELECTRODES	E70XX							
TOTAL WEIGHT	6356	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION	
DIAG. REF #		REVISIONS						

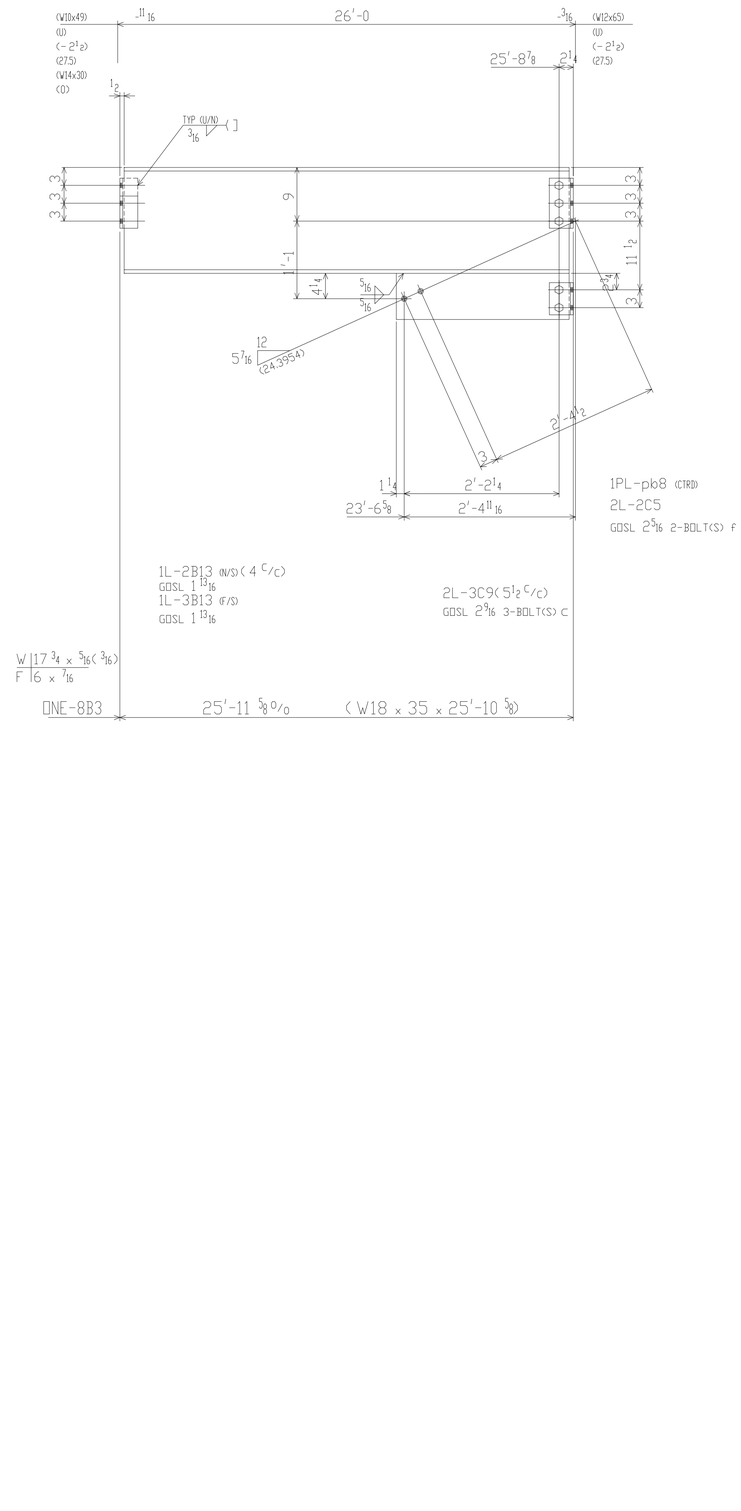
STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 7
DATE		



SECTION 1





BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		2-8B1					2
2		W14x22	15	1 1/2	666		3
2	hd4	PL 3/8x8 3/8	0	8 1/2	16	BENT	4
2	hc4	PL 3/8x8 1/8	0	8 1/2	15	BENT	5
2	pa8	PL 3/8x3 3/4	0	8 1/2	7		6
6	c	3/4 A325 BOLT(S)	0	2	4		7
							8
							9
		2-8B2					10
2		W18x35	22	10 3/4	1603		11
6	3C9	L4x3 1/2x 5/16	0	8 1/2	33		12
2	2C9	L4x3 1/2x 5/16	0	5 1/2	8		13
2	b	3/4 A325 BOLT(S)	0	1 3/4	2		14
10	c				6		15
							16
							17
		ONE-8B3					18
1		W18x35	25	10 5/8	906		19
1	2B13	L3x3x 5/16	0	5 1/2	3		20
1	3B13	L3x3x 5/16	0	8 1/2	5		21
2	3C9				11		22
2	2C5	L4x3 1/2x 5/16	0	5 1/2	8		23
1	pb8	PL 3/8x7 3/4	2	5 1/4	57		24
3	c				2		25
2	f	3/4 A325 BOLT(S)	0	2 3/4	2		26
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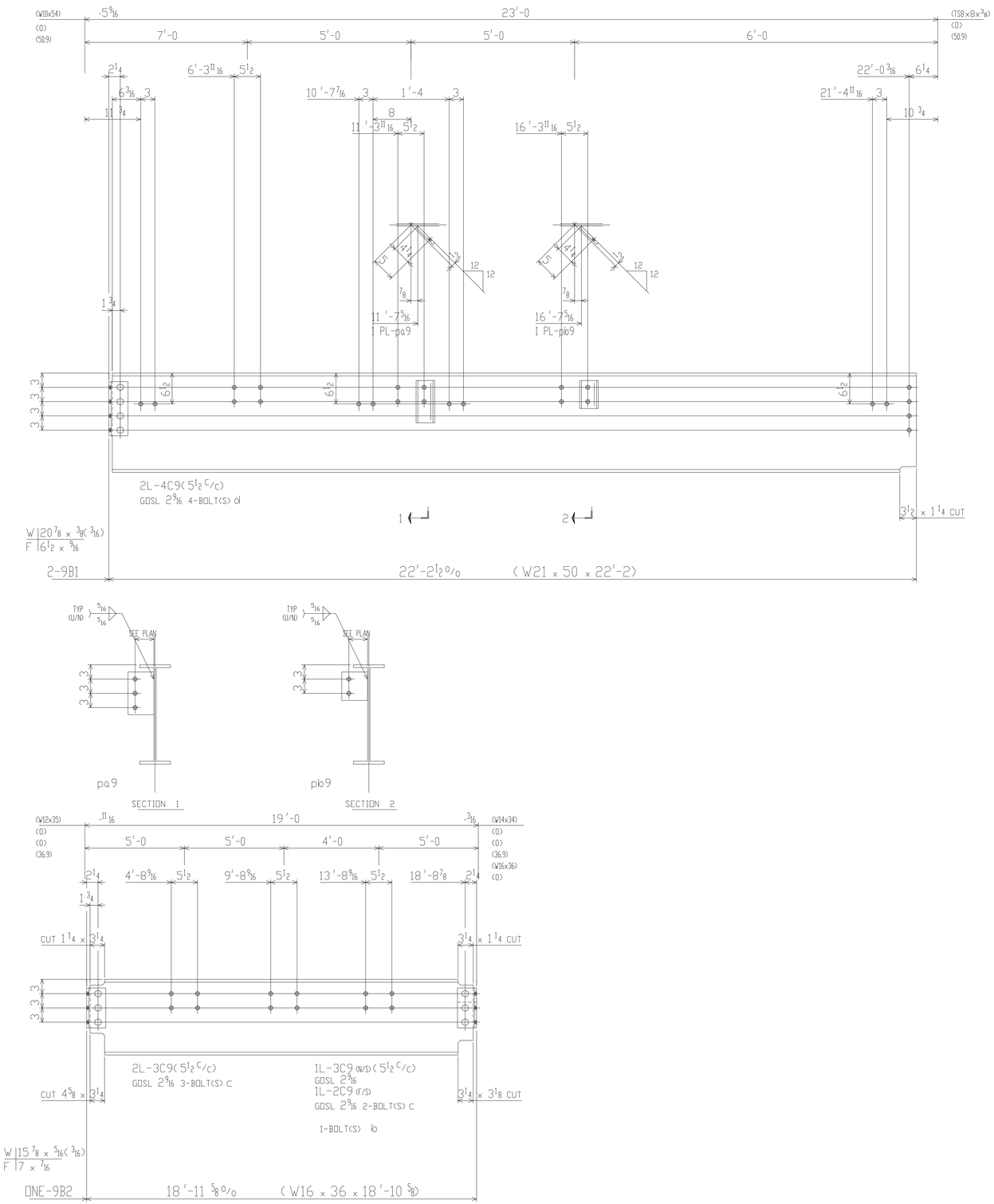
FIELD BOLTS	82 3/4 A325 x 1 3/4	2 3/4 A325 x 2 3/4						
PAINT	1-CT PRIMER	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
MATERIAL	A36 U/NOTED						
HOLES	13/16 U/NOTED						
ELECTRODES	E70XX						
TOTAL WEIGHT	3345	REVISIONS					
DIAG. REF #							

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-16-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 8
DATE		



BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		2-9B1					2
2		W21x50	22	2	2217		3
4	4C9	L4x3 1/2x 5/16	0	11 1/2	30		4
2	pa9	PL 3/8x5 1/2	0	8 1/2	10		5
2	pb9	PL 3/8x5 1/2	0	5 1/2	7		6
8	d	3/4 A325 BOLT(S)	0	2 1/4	5		7
							8
							9
		ONE-9B2					10
1		W16x36	18	10 5/8	680		11
3	3C9	L4x3 1/2x 5/16	0	8 1/2	17		12
1	2C9	L4x3 1/2x 5/16	0	5 1/2	4		13
1	b	3/4 A325 BOLT(S)	0	1 3/4	1		14
5	c	3/4 A325 BOLT(S)	0	2	3		15
							16
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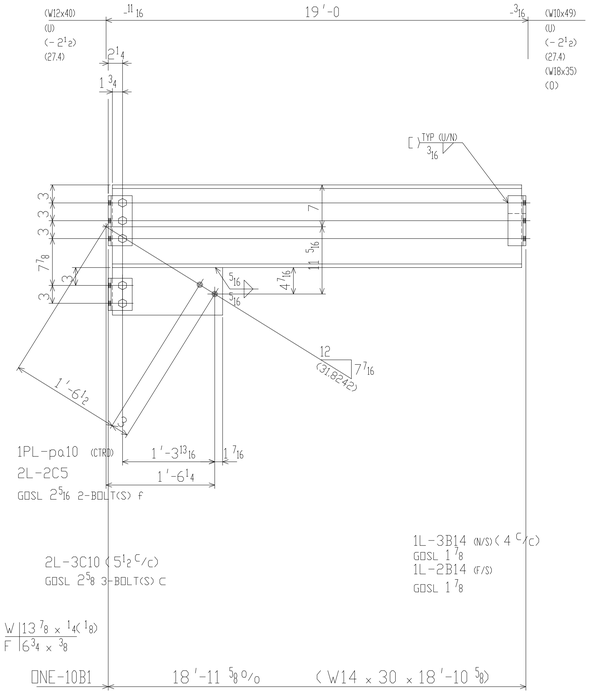
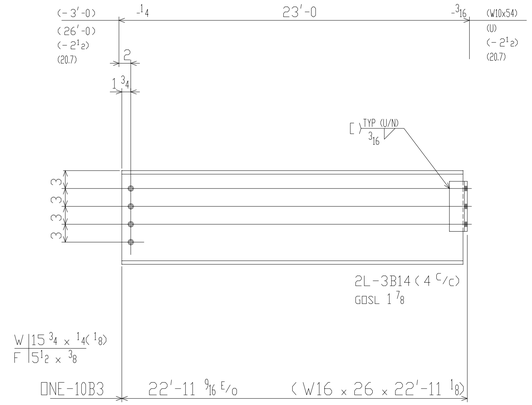
FIELD BOLTS	78 3/4 A325 x 1 3/4
PAINT	1-CT PRIMER
MATERIAL	A36 U/NOTED
HOLES	13/16 U/NOTED
ELECTRODES	E70XX
TOTAL WEIGHT	2971
DIAG. REF #	

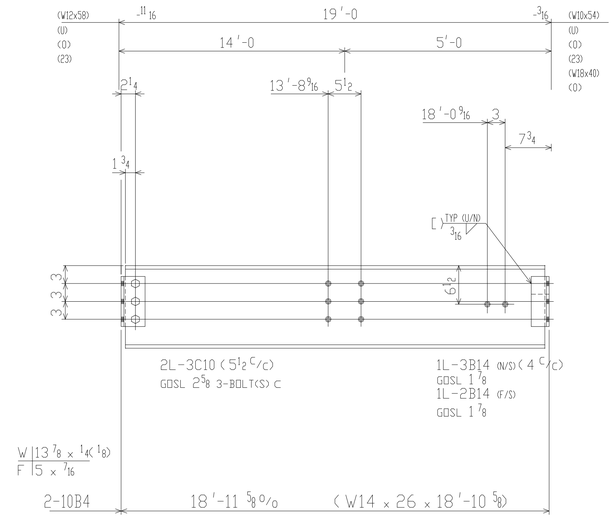
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
REVISIONS					

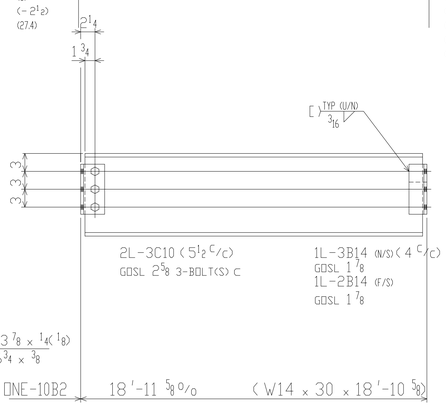
STEELCAD CONSULTING CORP.

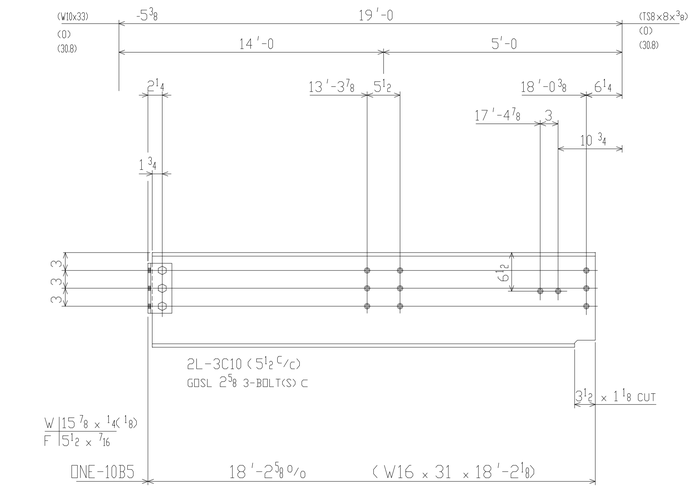
DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-16-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 9
DATE		











BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-10B1					2
1		W14x30	18	10 5/8	567		3
2	3C10	L4x3 1/2x5/16	0	8 1/2	11		4
1	3B14	L3x3x5/16	0	8 1/2	5		5
1	2B14	L3x3x5/16	0	5 1/2	3		6
2	2C5	L4x3 1/2x5/16	0	5 1/2	8		7
1	pa10	PL 7/8x8	1	7	38		8
3	c	3/4 A325 BOLT(S)	0	2	2		9
2	f	3/4 A325 BOLT(S)	0	2 3/4	2		10
							11
							12
		ONE-10B2					13
1		W14x30	18	10 5/8	567		14
2	3C10				11		15
1	3B14				5		16
1	2B14				3		17
3	c				2		18
							19
							20
		ONE-10B3					21
1		W16x26	22	11 1/8	597		22
2	3B14				9		23
							24
							25
		2-10B4					26
2		W14x26	18	10 5/8	983		27
4	3C10				22		28
2	3B14				9		29
2	2B14				6		30
6	c				4		31
							32
							33
		ONE-10B5					34
1		W16x31	18	2 1/8	564		35
2	3C10				11		36
3	c				2		37
							38
							39
							40
							41
							42
							43
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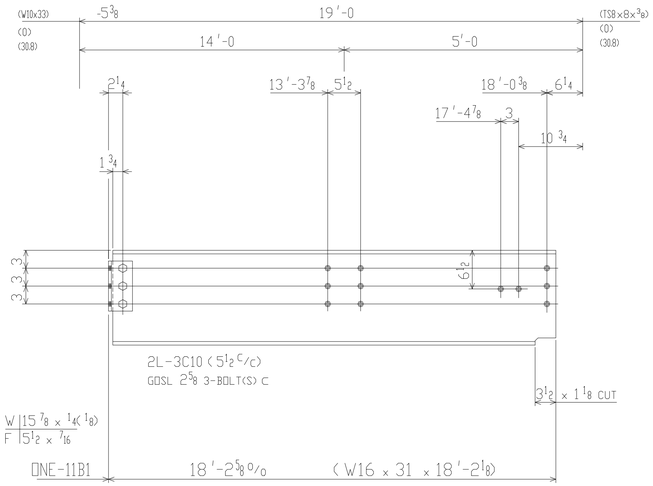
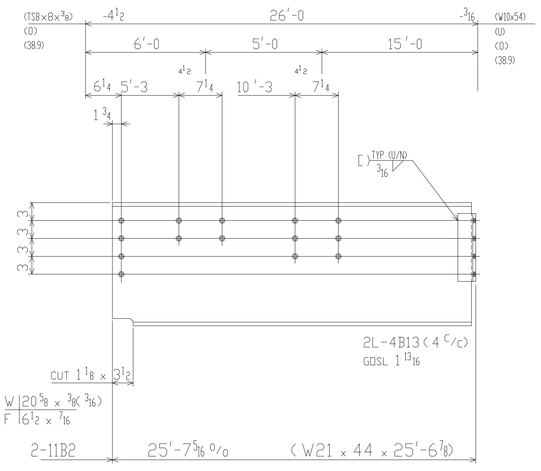
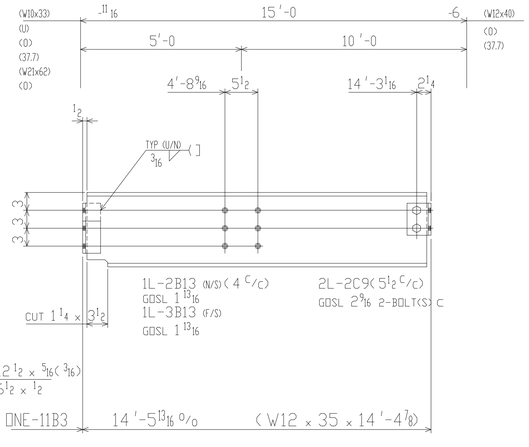
FIELD BOLTS	2 3/4 A325 x 2 3/4			22 3/4 A325 x 1 3/4			6 3/4 A325 x 2				
PAINT	1-CT PRIMER										
MATERIAL	A36 U/NOTED										
HOLES	13/16 U/NOTED										
ELECTRODES	E70XX										
TOTAL WEIGHT	3421	NO	DATE	DESCRIPTION		NO	DATE	DESCRIPTION			
DIAG. REF #		REVISIONS									

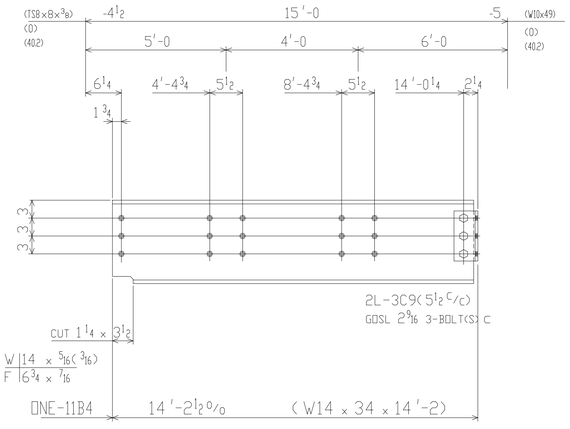
STEELCAD CONSULTING CORP.

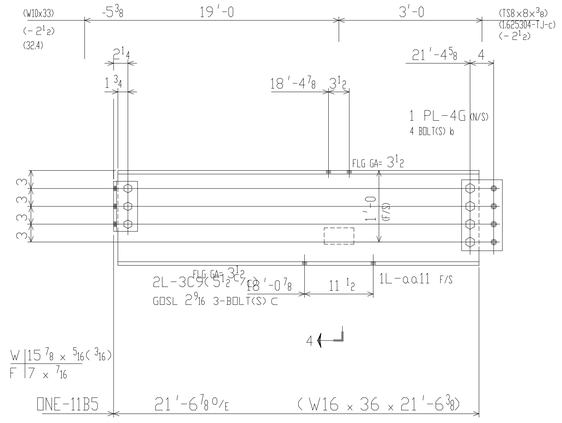
DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 10
DATE		

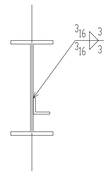












SECTION 4

BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-11B1					2
1		W16x31	18	2 1/8	564		3
2	3C10	L4x3 1/2x5/16	0	8 1/2	11		4
3	C	3/4 A325 BOLT(S)	0	2	2		5
							6
							7
		2-11B2					8
2		W21x44	25	6 7/8	2251		9
4	4B13	L3x3x5/16	0	11 1/2	24		10
							11
							12
		ONE-11B3					13
1		W12x35	14	4 7/8	505		14
1	2B13	L3x3x5/16	0	5 1/2	3		15
1	3B13	L3x3x5/16	0	8 1/2	5		16
2	2C9	L4x3 1/2x5/16	0	5 1/2	8		17
2	C				2		18
							19
							20
		ONE-11B4					21
1		W14x34	14	2	482		22
2	3C9	L4x3 1/2x5/16	0	8 1/2	11		23
3	C				2		24
							25
							26
		ONE-11B5					27
1		W16x36	21	6 3/8	776		28
2	3C9				11		29
1	4G	PL 3/8x6 1/2	1	0	9		30
1	a.a11	L3x3x1/4	0	5	3		31
4	b	3/4 A325 BOLT(S)	0	1 3/4	3		32
3	C				2		33
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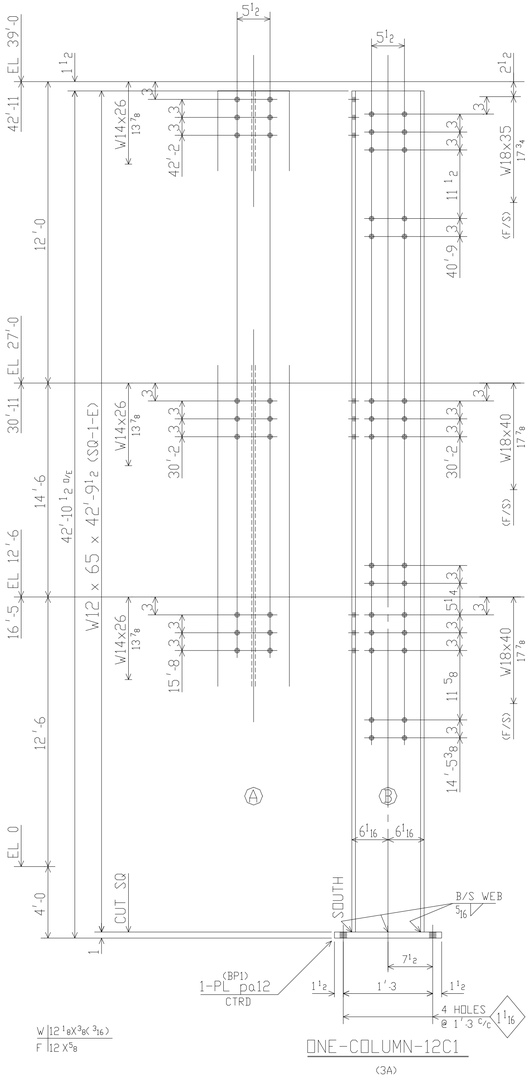
FIELD BOLTS	24 3/4 A325 x 1 3/4 10 3/4 A325 x 2

PAINT	1-CT PRIMER						
MATERIAL	A36 U/NOTED						
HOLES	13/16 U/NOTED						
ELECTRODES	E70XX						
TOTAL WEIGHT	4664	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
DIAG. REF #		REVISIONS					

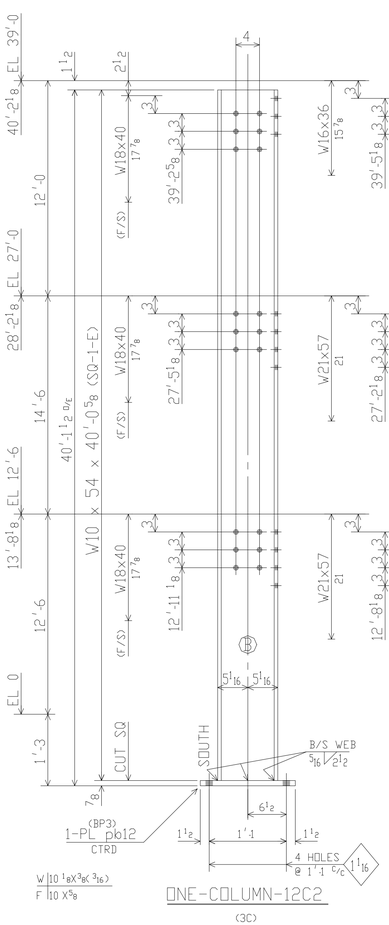
STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 11
DATE		



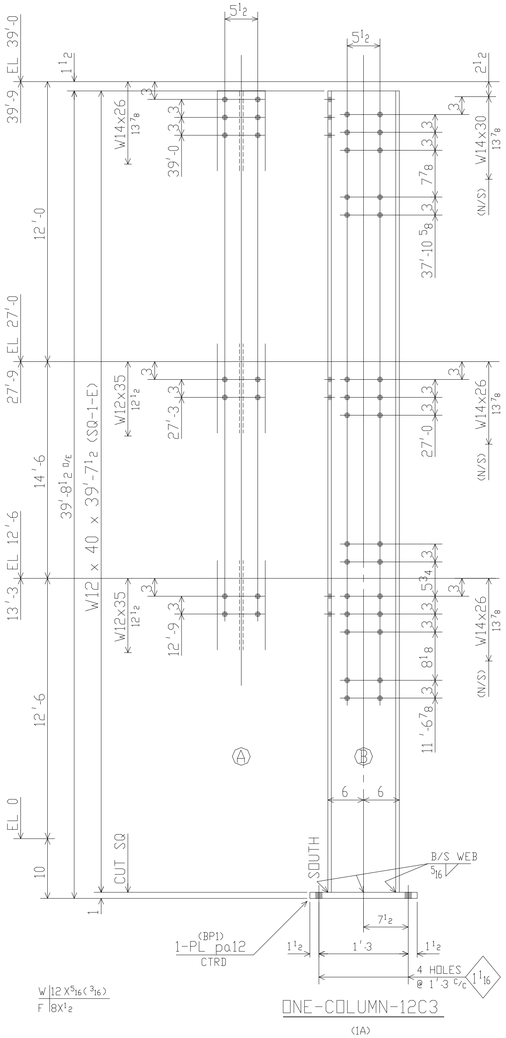
ONE-COLUMN-12C1

(3A)



ONE-COLUMN-12C2

(3C)



ONE-COLUMN-12C3

(1A)

BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-12C1					2
1		W12x65	42	9 1/2	2782	SQ-1-E	3
1	pa12	PL1 x18	1	6	92		4
							5
							6
		ONE-12C2					7
1		W10x54	40	0 5/8	2163	SQ-1-E	8
1	pb12	PL 7/8x16	1	4	64		9
							10
							11
		ONE-12C3					12
1		W12x40	39	7 1/2	1586	SQ-1-E	13
1	pa12				92		14
							15
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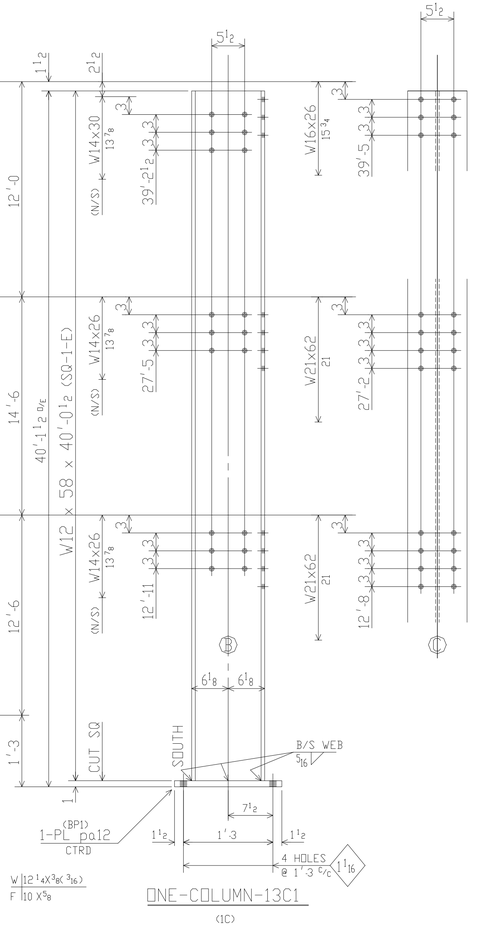
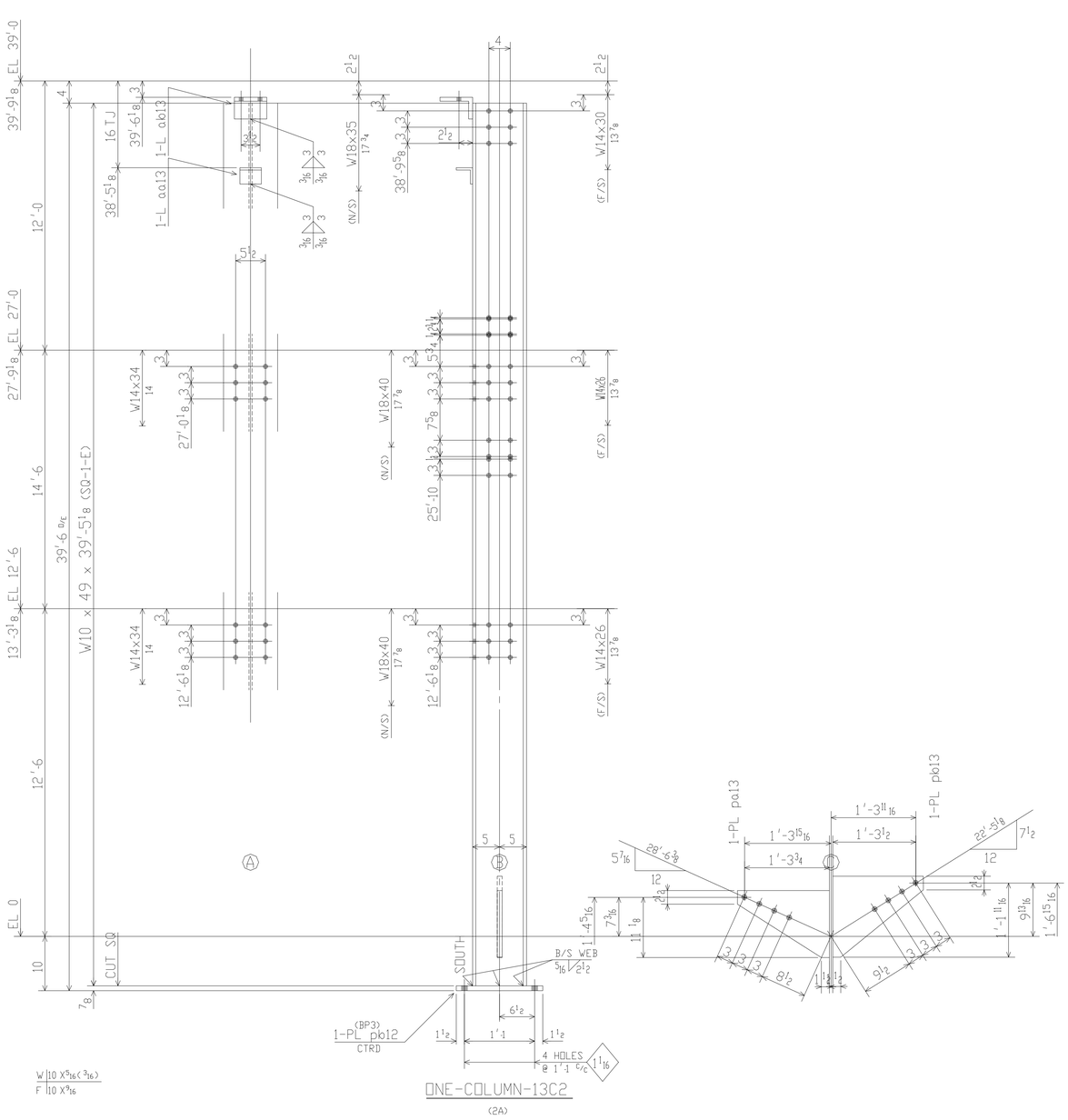
FIELD BOLTS	40 3/4 A325 x 2 1/4	62 3/4 A325 x 2	30 3/4 A325 x 1 3/4						
PAINT	1-CT PRIMER								
MATERIAL	A36 U/NOTED								
HOLES	13/16 U/NOTED								
ELECTRODES	E70XX								
TOTAL WEIGHT	6776	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION		
DIAG. REF #		REVISIONS							

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 12
DATE		





BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-13C1					2
1		W12x58	40	0 1/2	2323	SQ-1-E	3
1	pa12	PL1 x18	1	6	92		4
							5
							6
		ONE-13C2					7
1		W10x49	39	5 1/8	1932	SQ-1-E	8
1	pb12	PL 7/8x16	1	4	64		9
1	pa13	PL 7/8x12 1/2	1	5	53		10
1	pb13	PL 7/8x15	1	4 3/4	63		11
1	aa13	L3x3x1/4	0	4	2		12
1	ab13	L6x4x3/4	0	6	12		13
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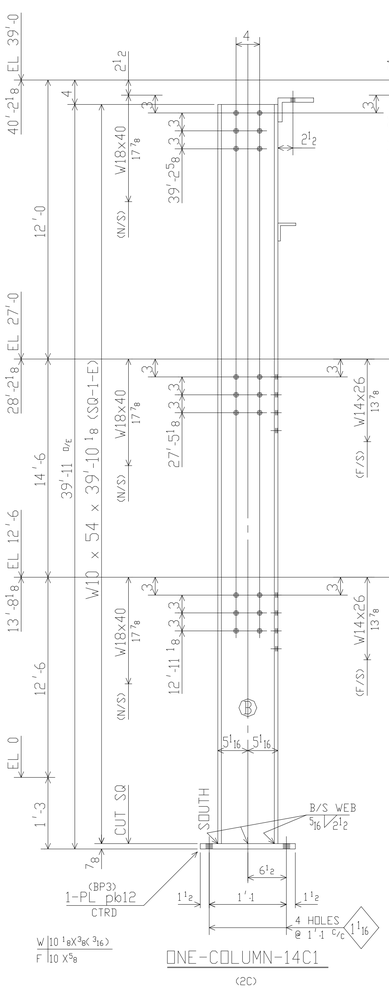
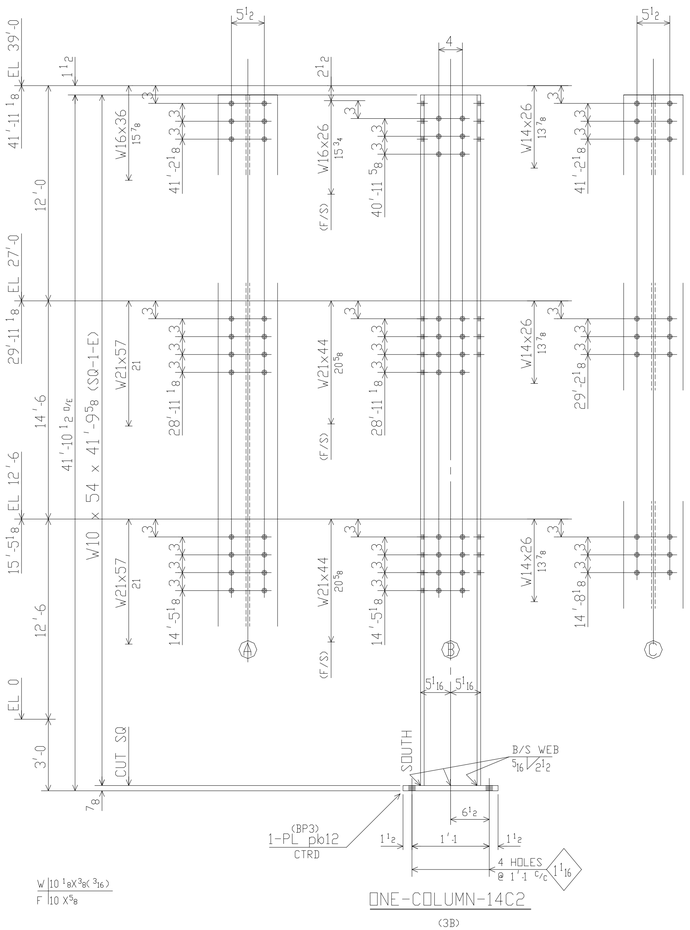
FIELD BOLTS		48 3/4 A325 x 2 1/4		30 3/4 A325 x 2			8 3/4 A325 x 2 3/4		
10 3/4 A325 x 1 3/4									
PAINT	1-CT PRIMER								
MATERIAL	A36 U/NOTED								
HOLES	13/16 U/NOTED								
ELECTRODES	E70XX								
TOTAL WEIGHT	4538	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION		
DIAG. REF #		REVISIONS							

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 13
DATE		





BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-14C1					2
1		W10x54	39	10 1/8	2152	SQ-1-E	3
1	pb12	PL 7/8x16	1	4	64		4
1	aa13	L3x3x1/4	0	4	2		5
1	ab13	L6x4x3/4	0	6	12		6
							7
							8
		ONE-14C2					9
1		W10x54	41	9 3/8	2258	SQ-1-E	10
1	pb12				64		11
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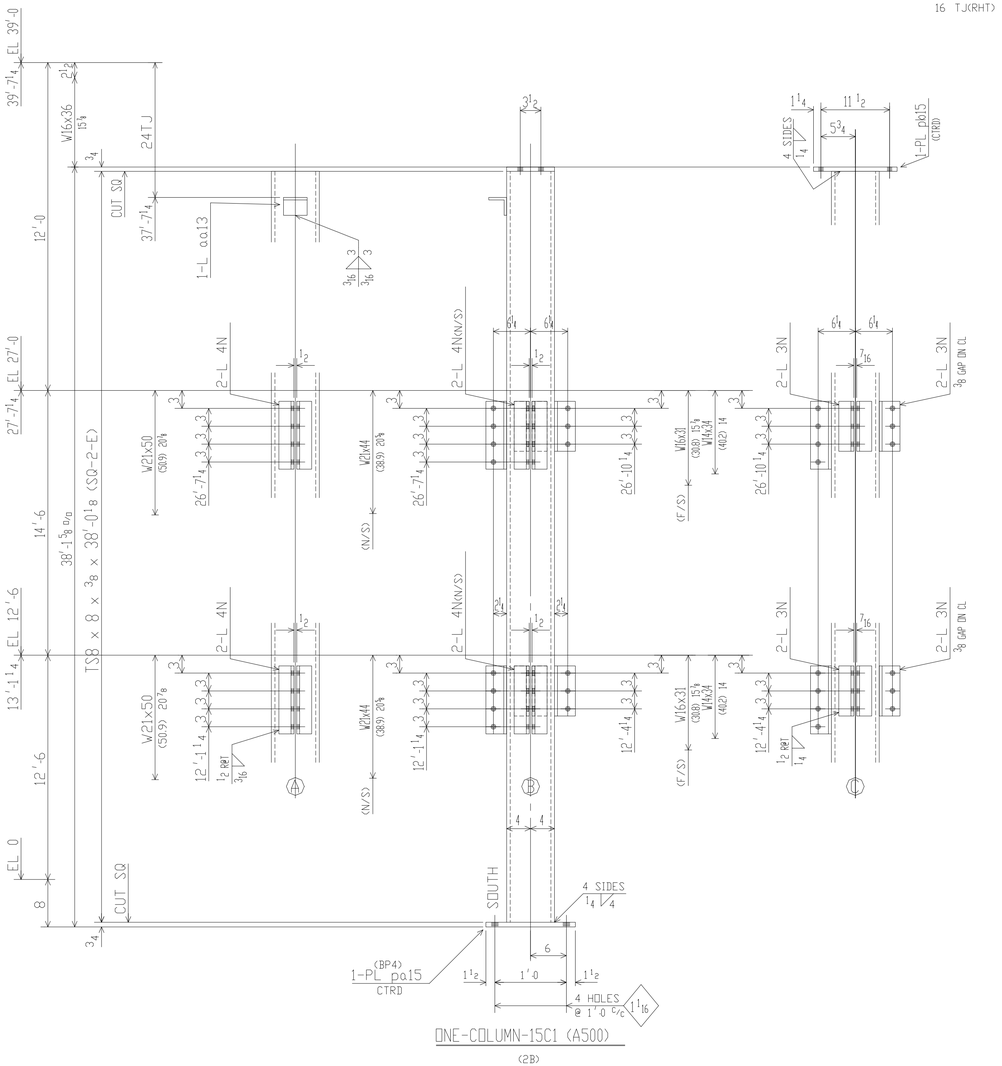
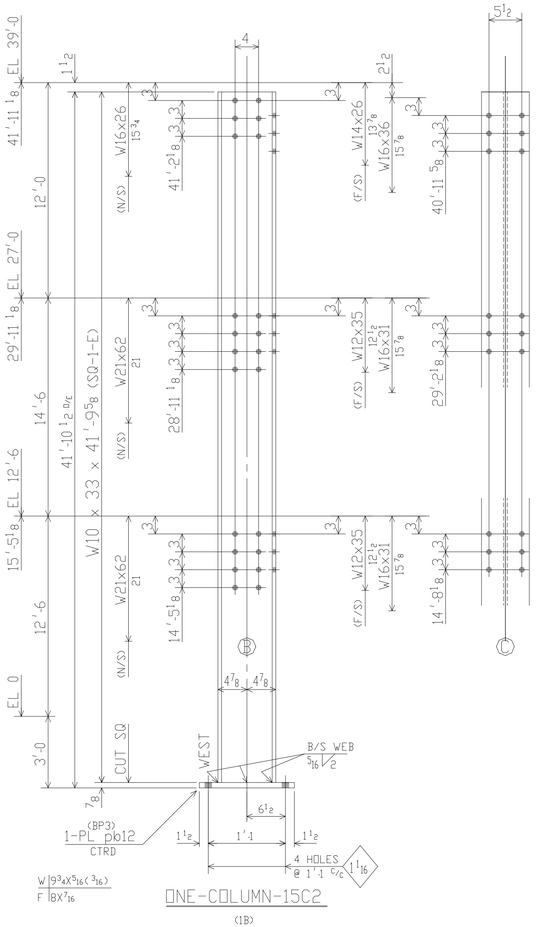
FIELD BOLTS	76 3/4 A325 x 2 1/4	22 3/4 A325 x 2						
PAINT	1-CT PRIMER							
MATERIAL	A36 U/NOTED							
HOLES	13/16 U/NOTED							
ELECTRODES	E70XX							
TOTAL WEIGHT	4549	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION	
DIAG. REF #		REVISIONS						

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 14
DATE		





BILL OF MATERIAL

QTY.	MARK	DESCRIPTION	LENGTH FT	LENGTH IN	WEIGHT	REMARKS	LINE
							1
		ONE-15C1					2
1		TS8x8x3/8 (A500)	38	0⅛	1433	SQ-2-E	3
1	pa15	PL¾x15	1	3	48		4
1	pb15	PL¾x8	1	2	24		5
8	4N	L3½x2½x5/16	0	11½	47		6
8	3N	L3½x2½x5/16	0	8½	35		7
1	aa13	L3x3x¼	0	4	2		8
							9
							10
		ONE-15C2					11
1		W10x33	41	9⅝	1380	SQ-1-E	12
1	pb12	PL⅜x16	1	4	64		13
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FIELD BOLTS	40 ¾ A325 x 2¼	24 ¾ A325 x 2	4 ¾ A325 x 2½						
4 ¾ A325 x 1¾									
PAINT	1-CT PRIMER								
MATERIAL	A36 U/NOTED								
HOLES	13/16 U/NOTED								
ELECTRODES	E70XX								
TOTAL WEIGHT	3030	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION		
DIAG. REF #		REVISIONS							

STEELCAD CONSULTING CORP.

DRAFTER	CUSTOMER SAMPLE CONTRACT	CONTRACT NO EXAM
DATE 03-15-2001		
CHECKED	STRUCTURE SAMPLE STRUCTURE	DWG NO 15
DATE		