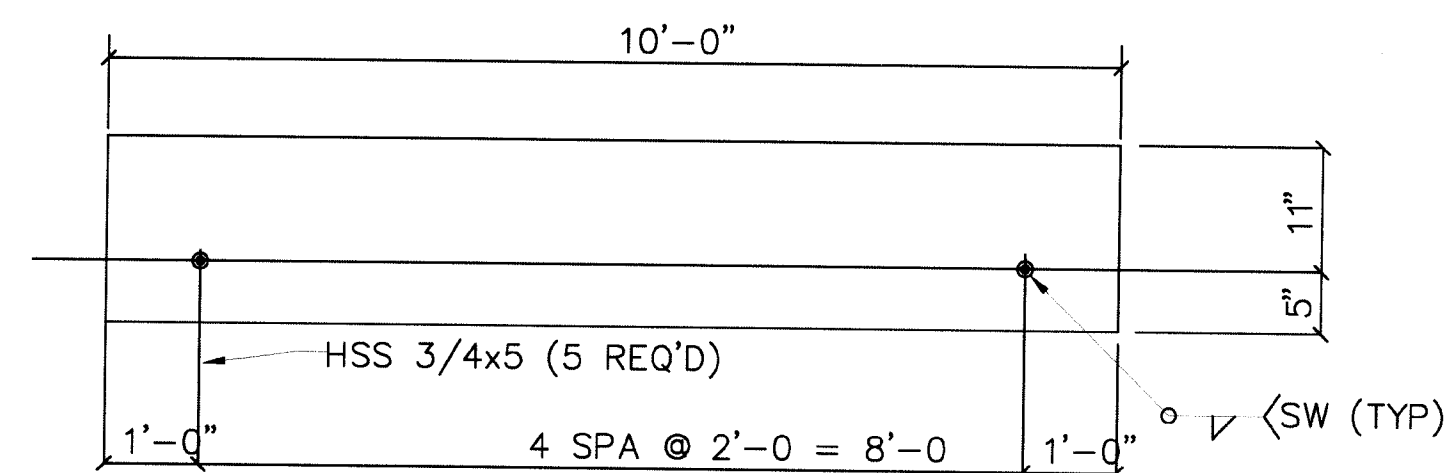
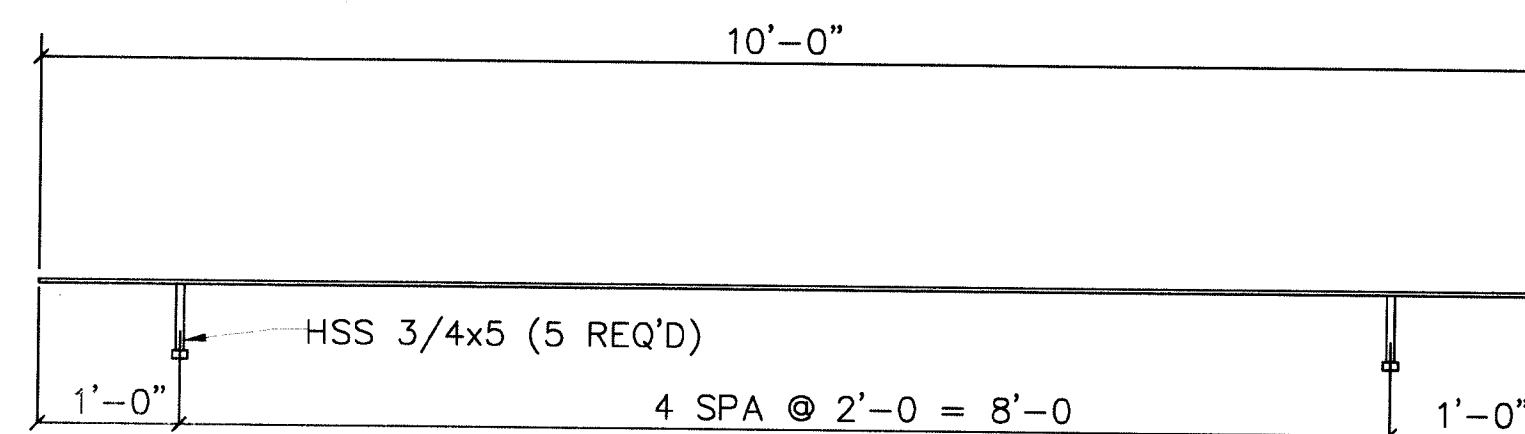


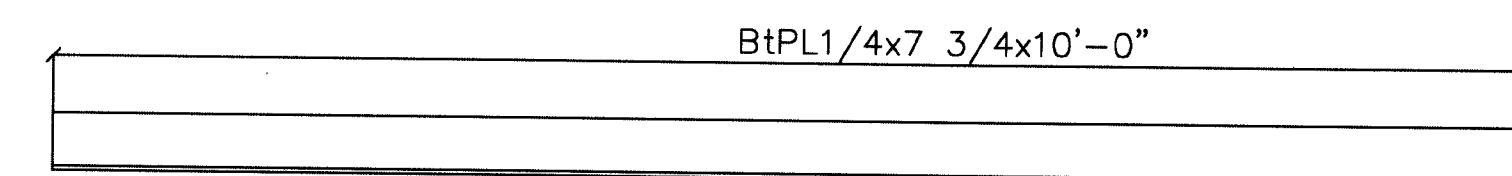
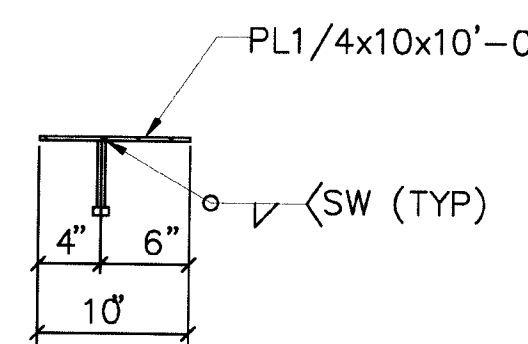
8-PLATES-165M1



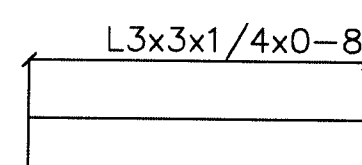
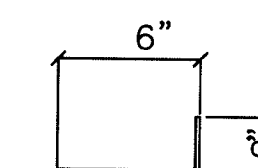
9-PLATES-165M2



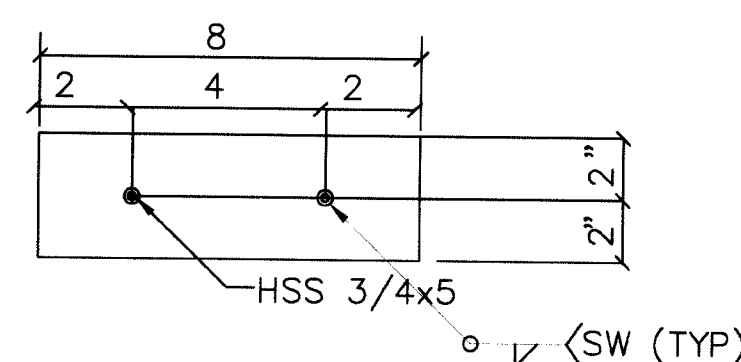
9-Bt PLATES-165M3



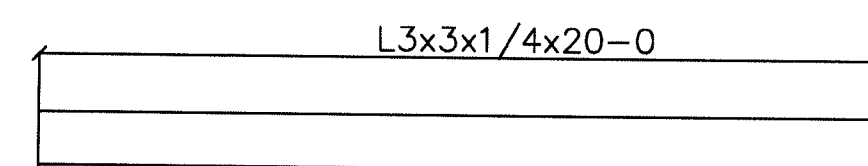
4-Bt PLATES-165M4
(GALVANIZED)



19 - ANGLES ~ 165M5



19 - BEARING PLATES - 165M6



15 - ANGLES ~ 165M9

REVISION NOTE:
165M7 AND 165 M8 ELIMINATED AND BECOME
11 NEW PIECES OF 165M9

BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
8	8	165M1		PLATE								
		165M1		PL 3/8x4	0	7"		A36				
		165M2		PLATE								
9	9	165M2		PL 1/4x16	10	0		A36				
5	45			HSS 3/4x5				A36				
		165M3		BENT_PLATE								
9	9	165M3		PL 1/4x10	10	0		A36				
5	45			HSS 3/4x5				A36				
		165M4		BENT_PLATE								
4	4	165M4		PL 1/4x7 3/4	10	0		A36				
		165M5		ANGLE								
19	19	165M5		L3x3x1/4	0	8		A36				
		165M6		PLATE								
19	19	165M6		PL 1/2x4	0	8		A36				
38	38			HSS 3/4x5				A36				
		165M7		ANGLE								
5	5	165M7		L4x4x1/4	20	0		A36				
		165M8		ANGLE								
14	14	165M8		L4x4x1/4	20	0		A36				
		165M8		ANGLE								
4	4	165M8		L3x3x1/4	20	0		A36				

UNIT "A"

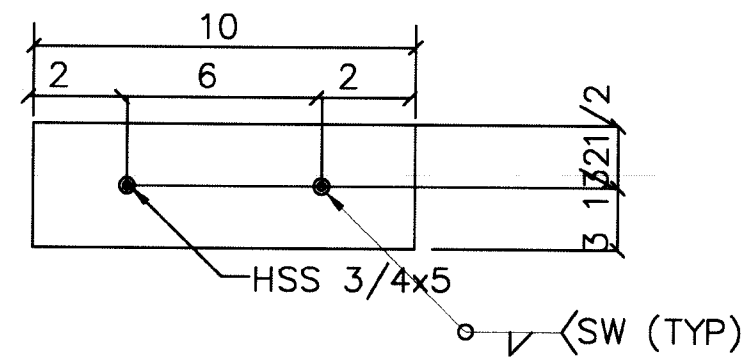
3	10/16/07	REVISED 165M9	
2	10/12/07	ADDED 165M5-M9	
1	09OCT07	ADDED BtPL 165M4	
	9-17-07	ISSUED FOR FABRICATION	
A	18JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop

Ref. Dwg.	E100,E101,E102,E103&E104
Material	A992 U.N.O
Edge Dist.	
Holes	13/16 Dia Holes U.N.O
Cleaning	SSPC# SP3
Weld	E70XX
Paint	One Coat Red Primer

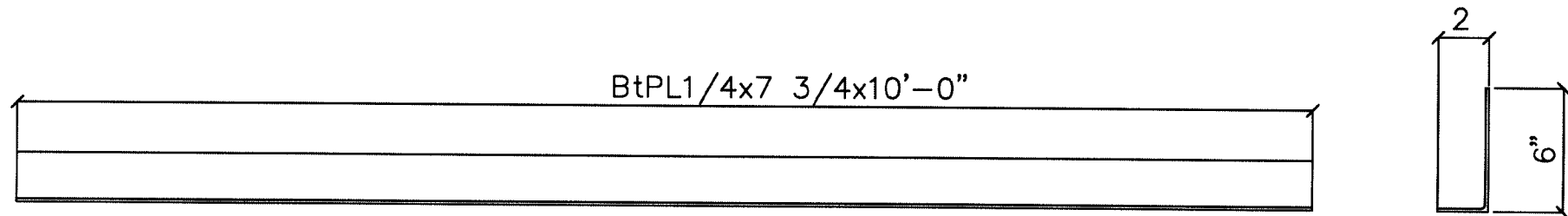
STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Structure:	LAWRENCE CENTRAL HIGH SCHOOL
Location:	Indianapolis ,IN
Customer:	I P S
Contents:	BENT_PLATE
Drawn By:	SIMI
Chkd By:	BJ
Date:	06-18-07
In Shop:	8-13-07

JOB #
06-612
SHT. #
165

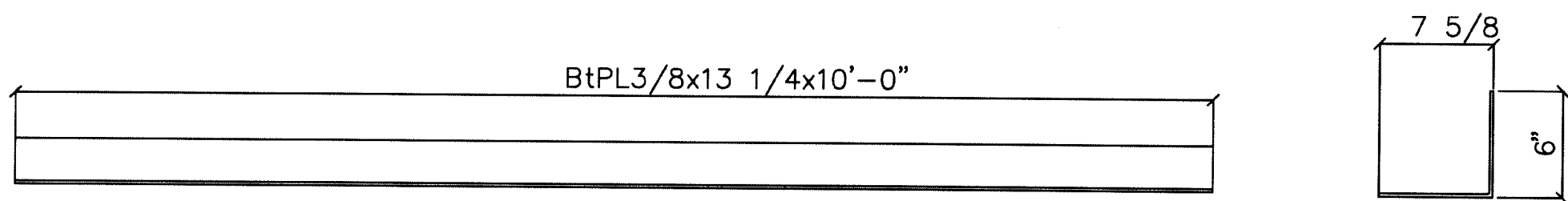
REVISED
FOR FAB & FIELD USE 10-16-07



16 — BEARING PLATES — 166BP1



7 — Bt PLATES — 166M2



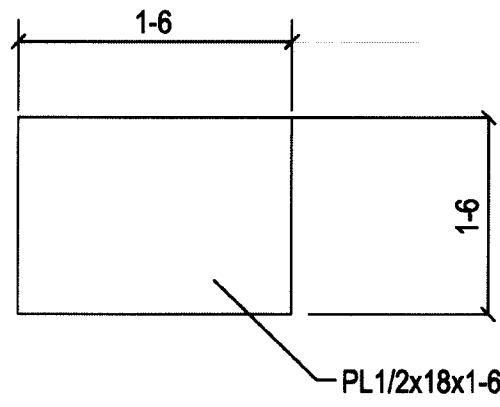
9 — Bt PLATES — 166M3

BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		166BP1		PLATE								
16	16		165M2	PL 1/4x7	0	10		A36				
32	32			HSS 3/4x5				A36				
		166M2		BENT_PLATE								
7	7		166M2	PL 1/4x10	10	0		A36				
		166M3		BENT_PLATE								
9	9		166M3	PL 3/8x13 1/4	10	0		A36				

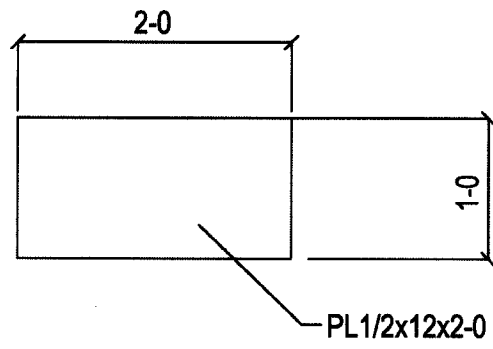
UNIT "A"

Ref. Dwgs. E100,E101,E102,E103&E104	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #
Edge Dist.	Location: Indianapolis ,IN	06-612
Holes 13/16 Dia Holes U.N.O	Customer: I P S	
Cleaning SSPC# SP3	Contents: BENT_PLATE	SHT. #
Weld E70XX	Drawn By: SIMI Chkd By: BJ	166
Paint One Coat Red Primer	Date: 06-18-07 In Shop: 10-12-07	

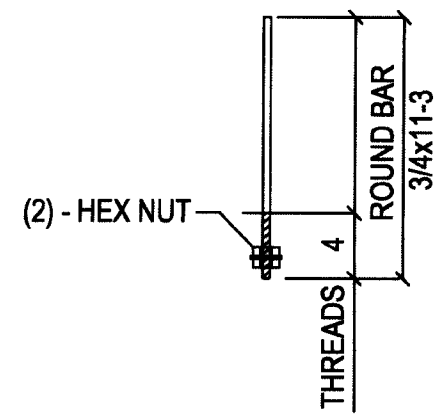
REV.	Date:	Description:	To Shop
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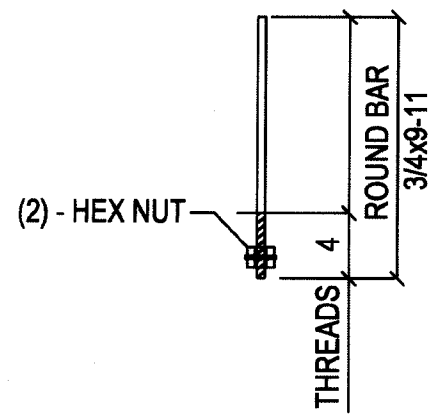
4 - PLATES - 167M1
(NO PAINT)



2 - PLATES - 167M2
(NO PAINT)



2 - SAG RODS - 167M3



ONE - SAG ROD - 167M4

BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		167M1		PLATE								
4	4		166BP1	PL 1/2x18	1	6		A36				
		167M2		BENT_PLATE								
2	2		166M2	PL 1/2x12	2	0		A36				
		167M3		ROD								
2	2		167M3	3/4 Dia ROUND BAR	11	3						
		167M4		ROD								
1	1		167M4	3/4 Dia ROUND BAR	9	11						

UNIT "A"

Ref. Dwg. E100,E101,E102,E103&E104

Material A36 U.N.O

Edge Dist.

Holes 13/16 Dia Holes U.N.O

Cleaning SSPC# SP3

Weld E70XX

Paint One Coat Red Primer

STONE CITY IRONWORKS, INC.
HIGHWAY 50 EAST
BEDFORD, INDIANA 47421
(812) 279-3023 FAX (812) 279-4002

Structure: LAWRENCE CENTRAL HIGH SCHOOL

Location: Indianapolis ,IN

Customer: I P S

Contents: BENT_PLATE

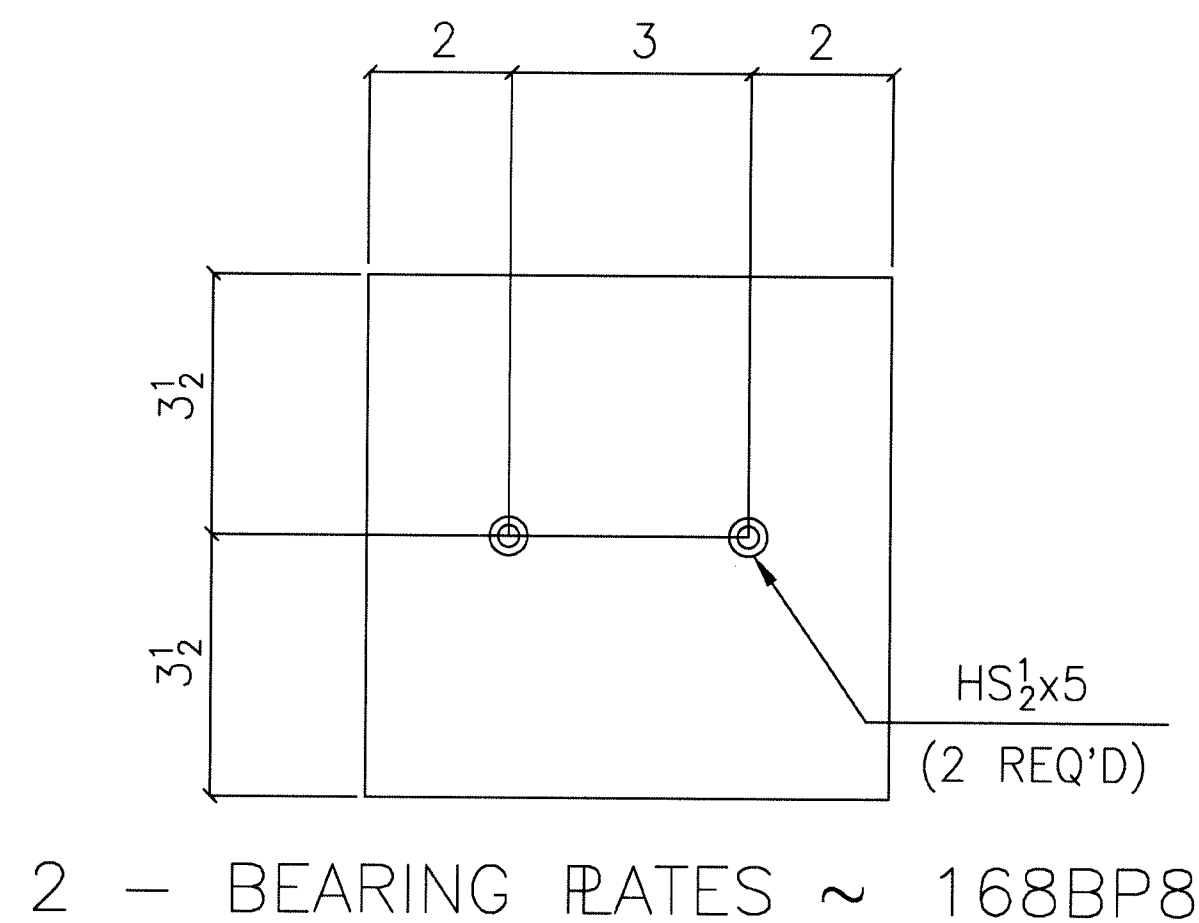
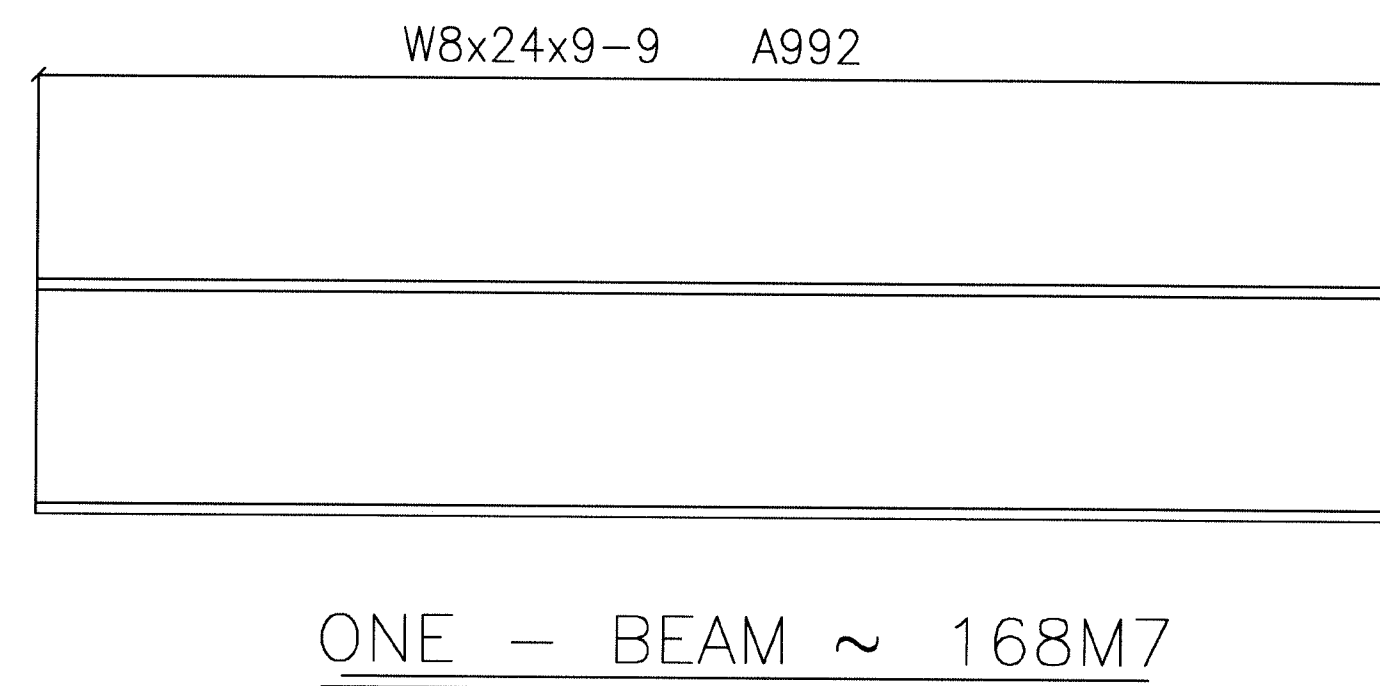
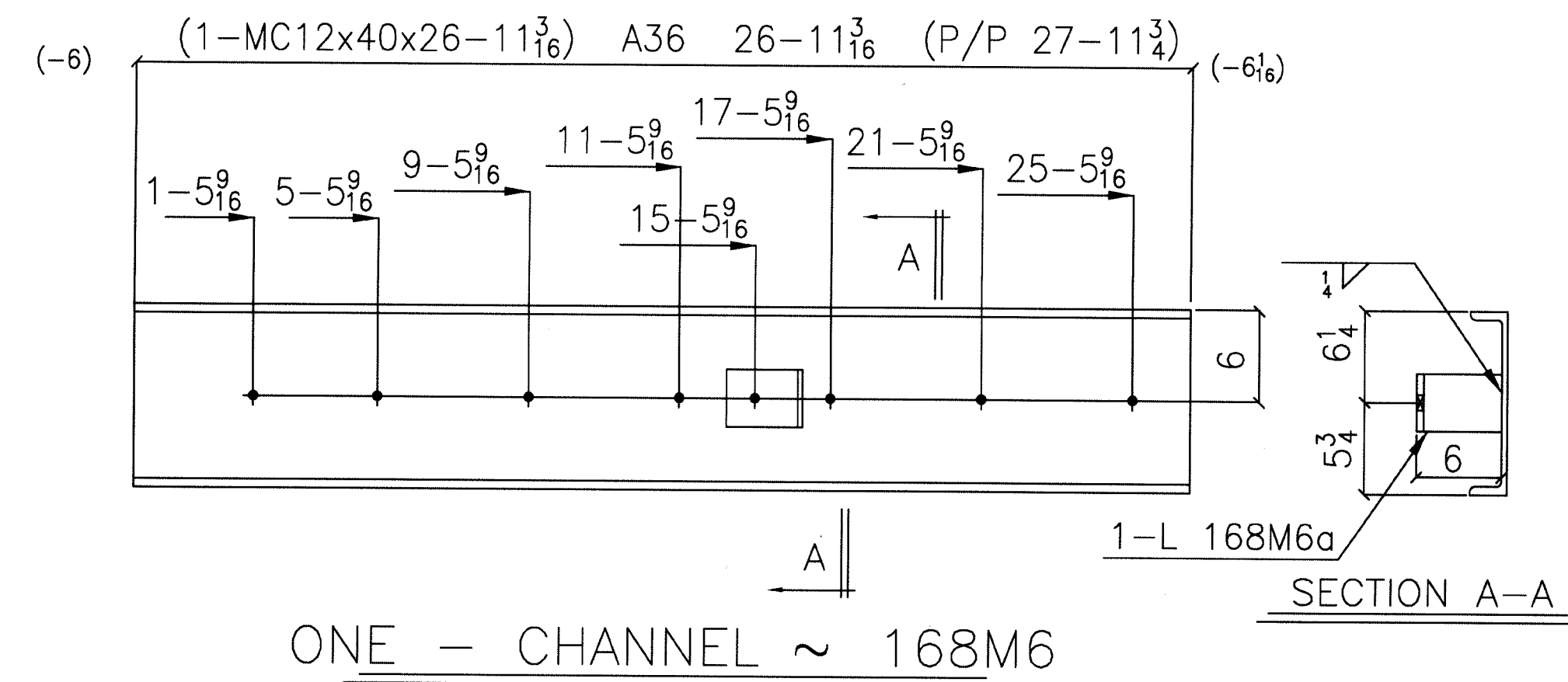
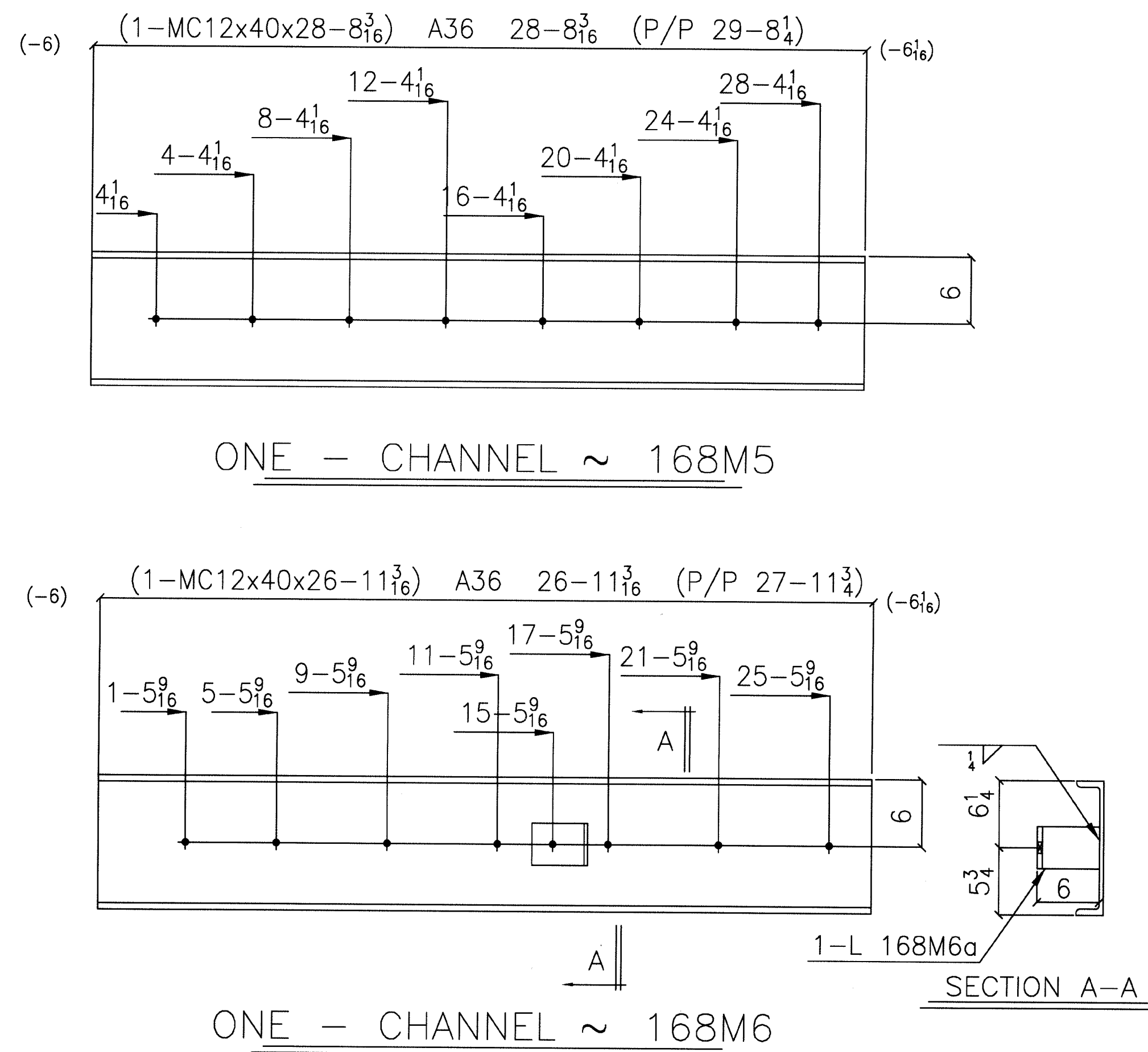
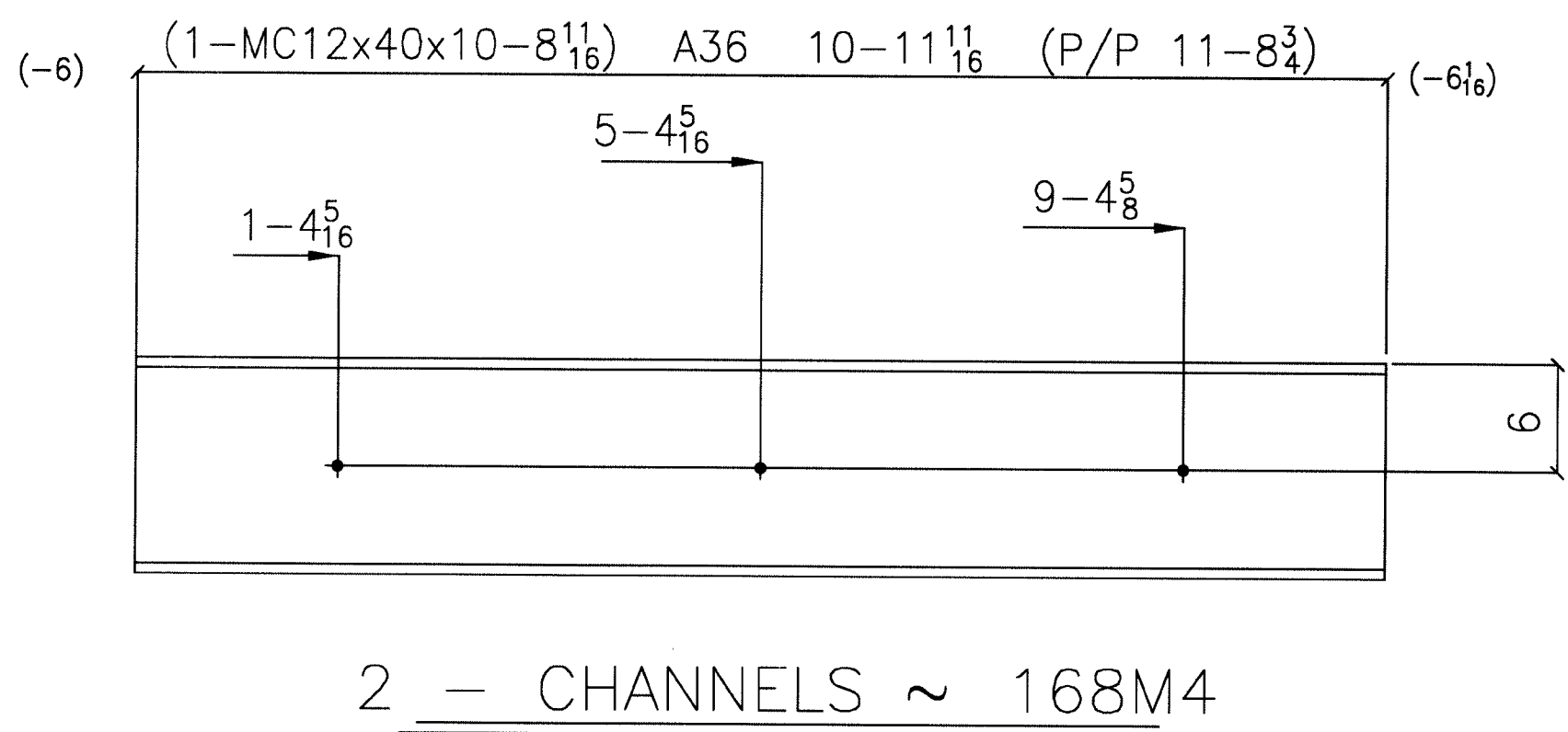
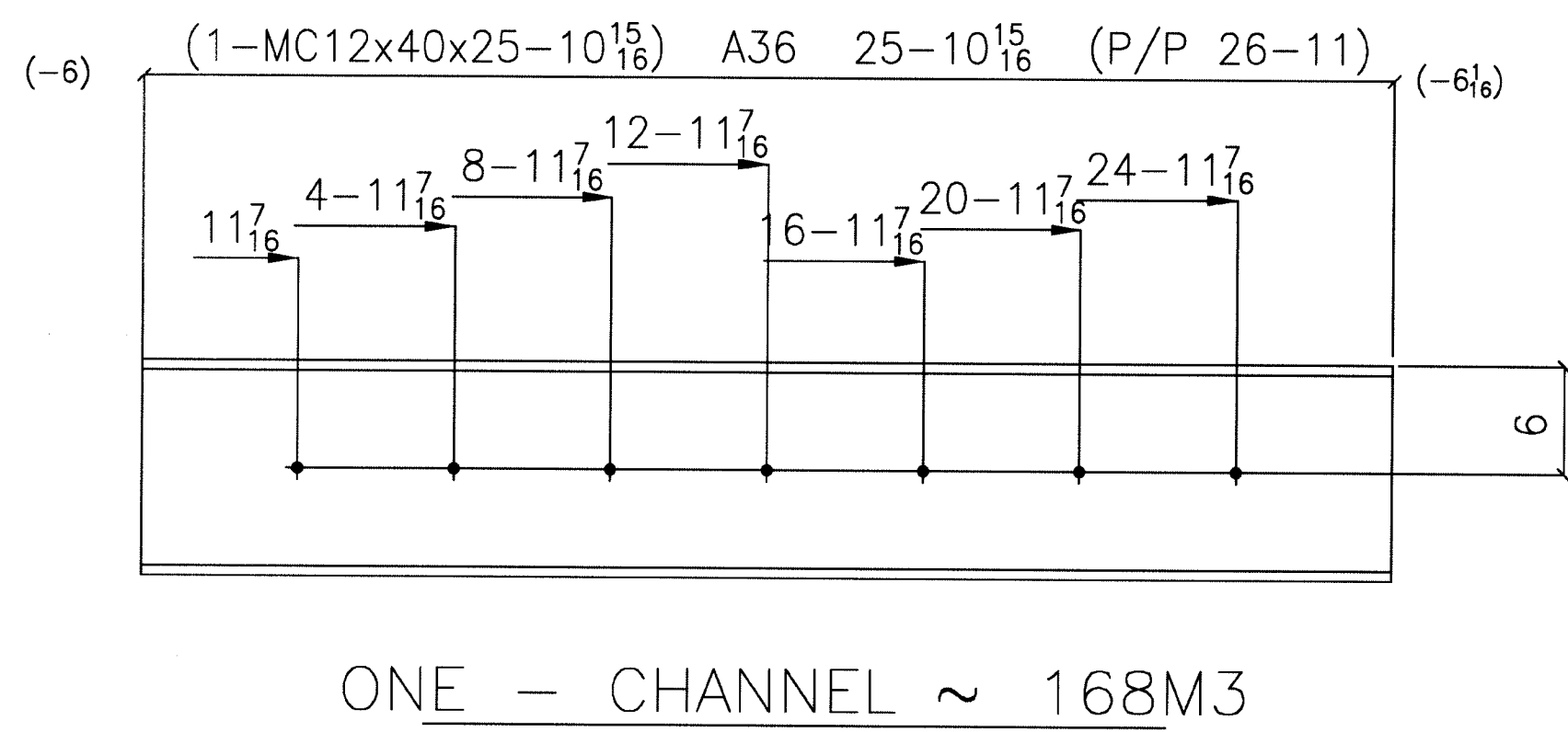
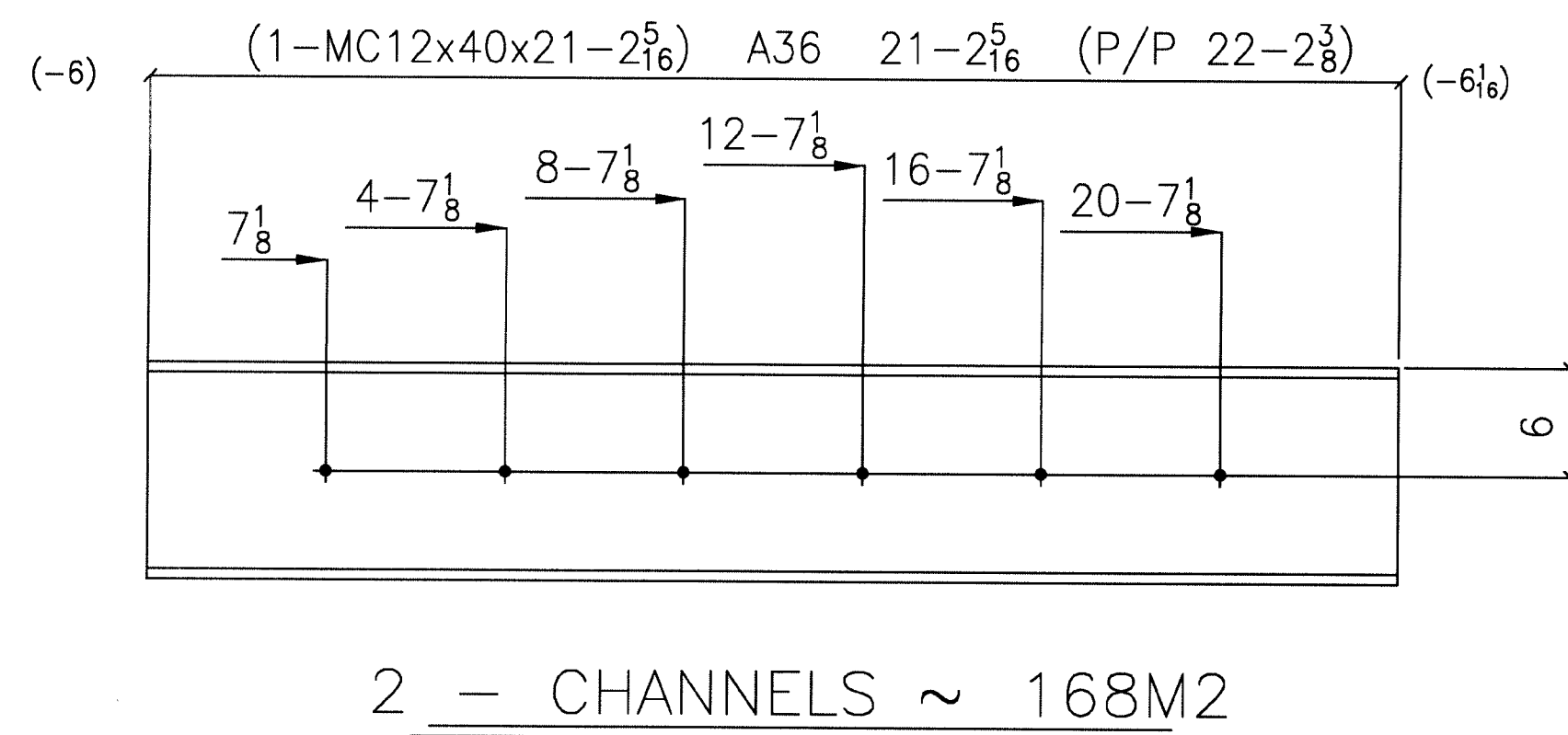
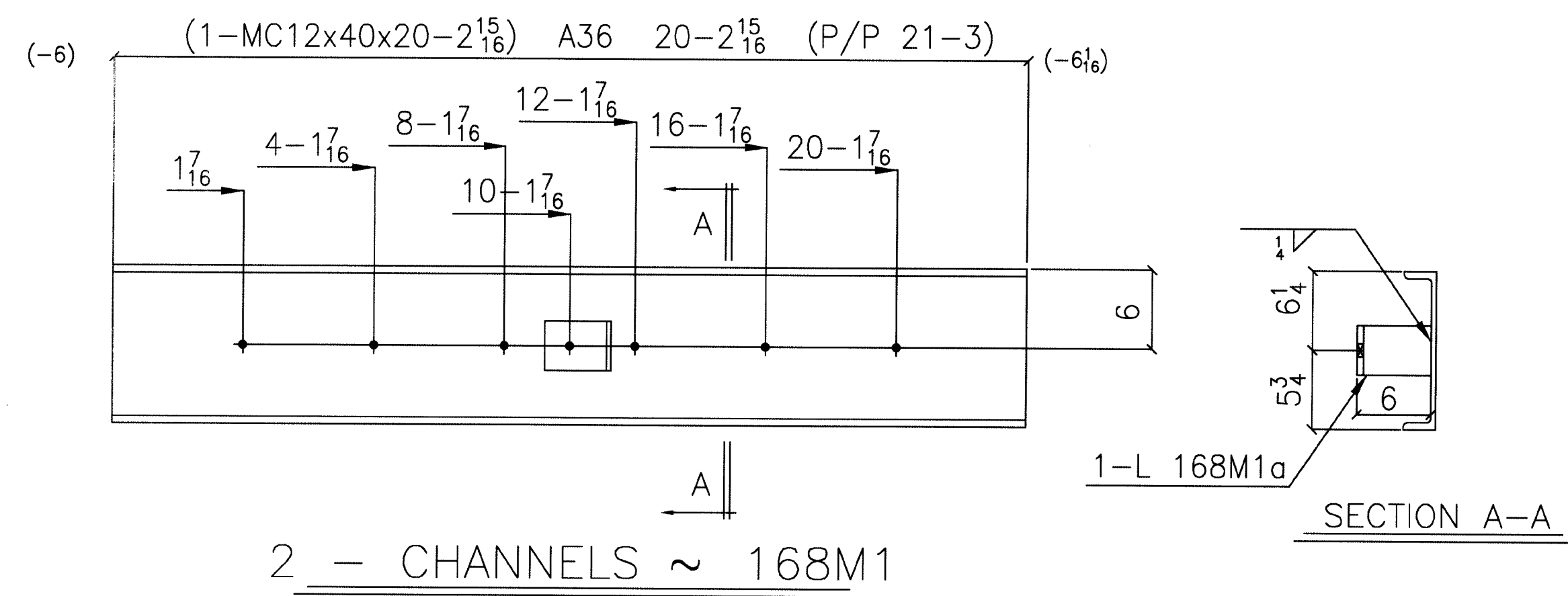
Drawn By: SIMI Chkd By: BJ

Date: 06-18-07 In Shop: 16OCT07

JOB #
06-612

SHT. #
167

REV.	Date:	Description:	To Shop
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BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length Ft In	Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
2	2	168M1		CHANNEL							
1	2	168M1		MC12x40	20-2 $\frac{15}{16}$		A36				
		168M1a		L6x4x $\frac{3}{8}$	3		A36				
				FIELD BOLTS							
	12			ADH.ANC.	8						
		168M2		CHANNEL							
2	2	168M2		MC12x40	21-2 $\frac{15}{16}$		A36				
				FIELD BOLTS							
	12			ADH.ANC.	8						
		168M3		CHANNEL							
1	1	168M3		MC12x40	25-10 $\frac{15}{16}$		A36				
				FIELD BOLTS							
	7			ADH.ANC.	8						
		168M4		CHANNEL							
2	2	168M4		MC12x40	10-8 $\frac{1}{16}$		A36				
				FIELD BOLTS							
	6			ADH.ANC.	8						
		168M5		CHANNEL							
1	1	168M5		MC12x40	28-8 $\frac{3}{16}$		A36				
				FIELD BOLTS							
	8			ADH.ANC.	8						
		168M6		CHANNEL							
1	1	168M6		MC12x40	26-11 $\frac{3}{16}$		A36				
1	1	168M6a		L6x4x $\frac{3}{8}$	3		A36				
				FIELD BOLTS							
	7			ADH.ANC.	8						
		168M7		BEAM							
1	1	168M7		W8x24	9-9		A992				
		168BP8		BEARING PLATE							
2	2	168BP8		R $\frac{1}{2}$ x7	7		A992				
2	4			HSS $\frac{1}{2}$	5						

UNIT "A"

Ref. Dwgs. E100,E101,E102,E103&E104

Material A36 U.N.O

Edge Dist.

Holes 13/16 Dia Holes U.N.O

Cleaning SSPC# SP3

Weld E70XX

Paint One Coat Red Primer

STONE CITY IRONWORKS, INC.

HIGHWAY 50 EAST
BEDFORD, INDIANA 47421
(812) 279-3023 FAX (812) 279-4002

Structure: LAWRENCE CENTRAL HIGH SCHOOL

Location: Indianapolis, IN

Customer: I P S

Contents: BENT_PLATE

Drawn By: SIMI

Chkd By: BJ

Date: 06-18-07

In Shop: 17OCT07

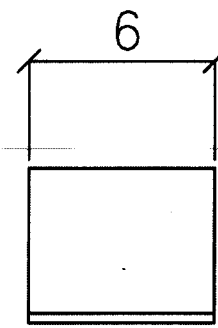
JOB #

06-612

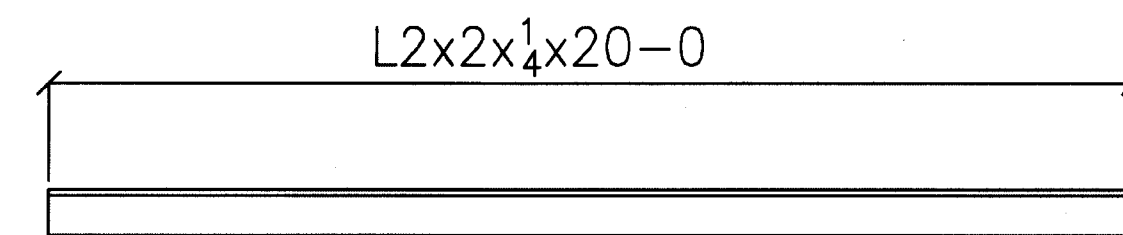
SHT. #

168

REV. Date: Description: To Shop



40 - ANGLE ~ 169A1 (NO PAINT)
(RE: 11/E103)



4 - ANGLE ~ 169A2
(RE: 11/E103)

BILL OF MATERIAL

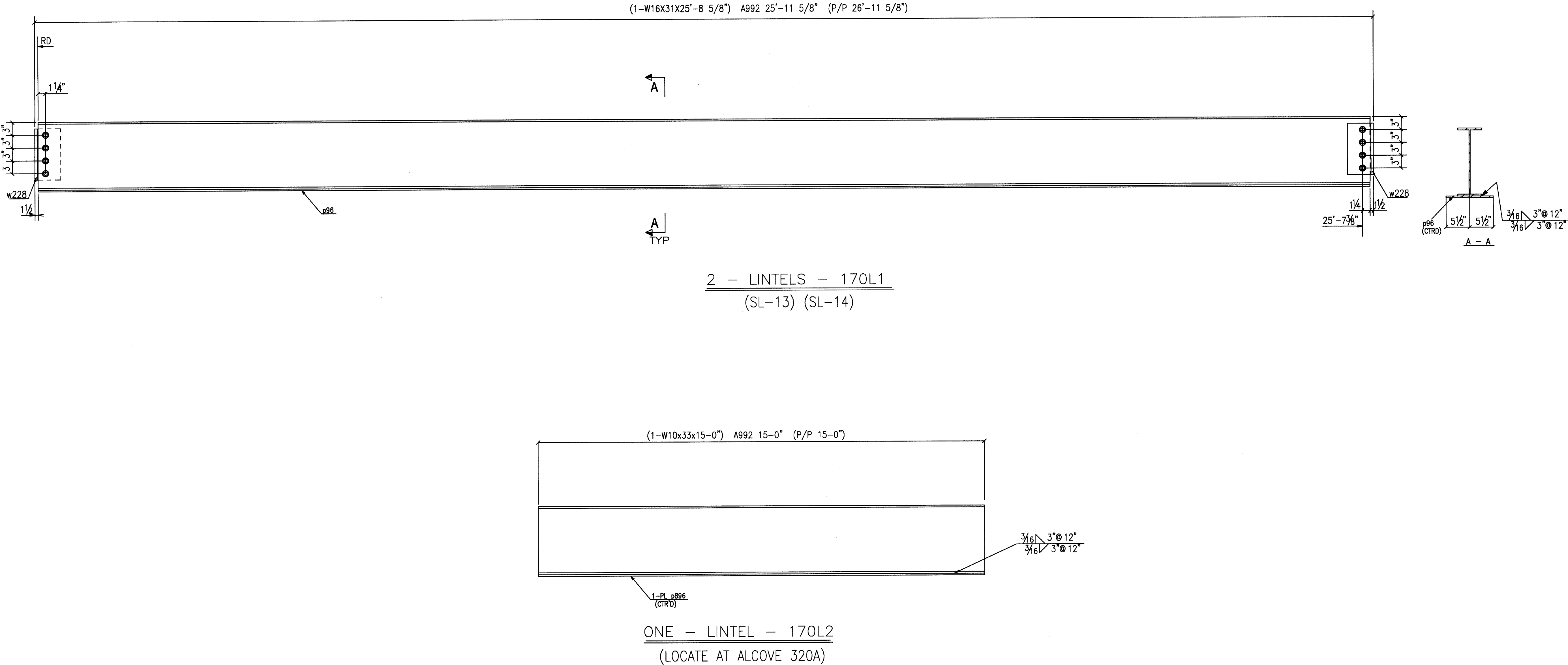
[illegible]

FOR FAB & FIELD USE 10-18-07

UNIT "A"

Ref. Dwg. E103	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A36 U.N.O.	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB # 06-612
Edge Dist.	Location: Indianapolis, IN	
Holes 13/16 Dia Holes U.N.O.	Customer: I P S	SHT. # 169
Cleaning SSPC# SP3	Contents: ANGLES	
Weld E70XX	Drawn By: JJA Chkd By: SF	
Paint One Coat Red Primer	Date: 18OCT07 In Shop: 18OCT07	

BILL OF MATERIAL													
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq. No.	Seq. Qty	
					FT	IN							
	2	170L1		LINTEL									
1	2		170L1	W16X31	25	8 5/8"		A992	802.12				
1	2		p96	PL3/8"X11"	25	8 5/8"		A36	362.80				
2	4		w228	WT6X26.5	1	0"		A992	39.72				
	16			FIELD BOLTS									
				3/4 Dia A325N	0	2	1HD WASH						
		170L2		LINTEL									
1	1		170L2	W10x33	15	0		A992	802.12				
1	1		p896	PL3/8"X15"	15	0		A36	362.80				

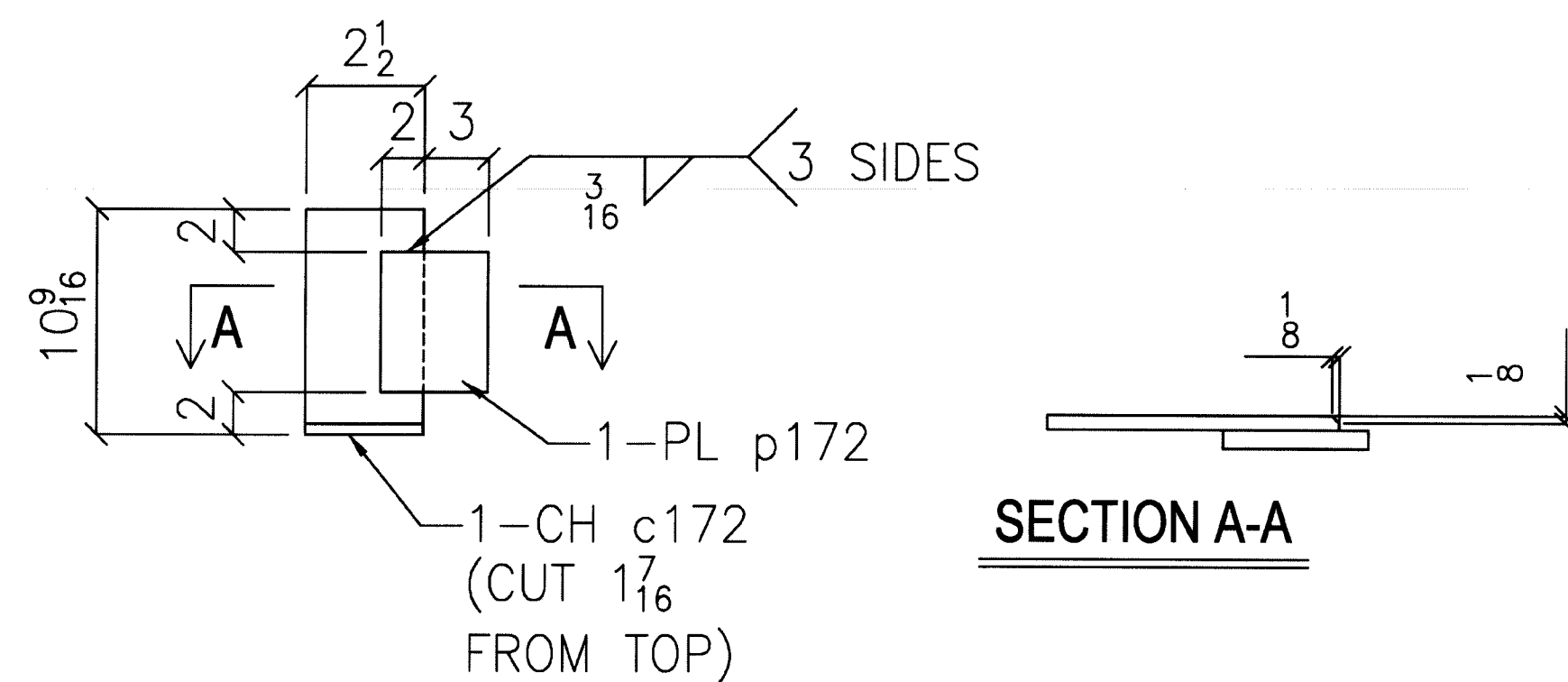


UNIT "A"

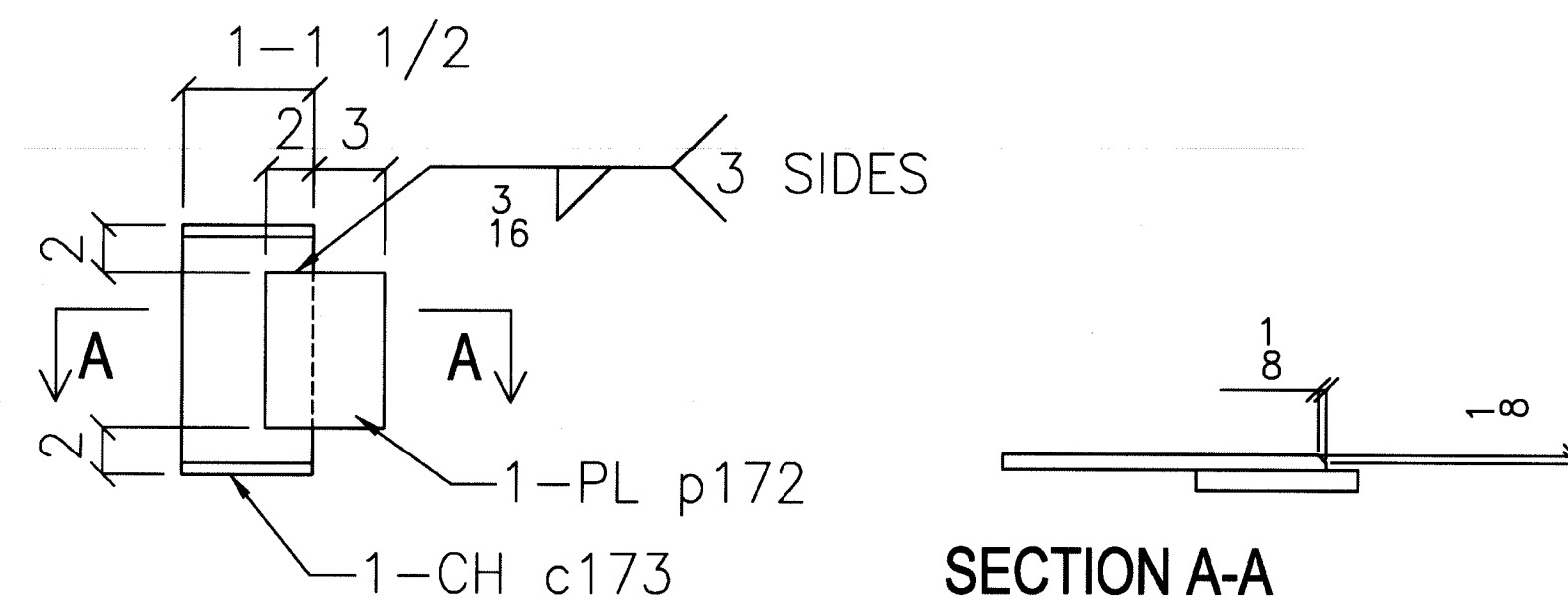
Ref. Dwgs.E107	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #
Edge Dist.	Location: Indianapolis ,IN	06-612
Holes 13/16 Dia Holes U.N.O	Customer: I P S	
Cleaning SSPC# SP3	Contents: UNIT "A" LINTELS	SHT. #
Weld E70XX	Drawn By: SIMI Chkd By: SF	170
Paint One Coat Red Primer	Date: 06-18-07 In Shop:	

REV.	Date:	Description:	To Shop
0	24OCT07	ISSUED FOR FAB	

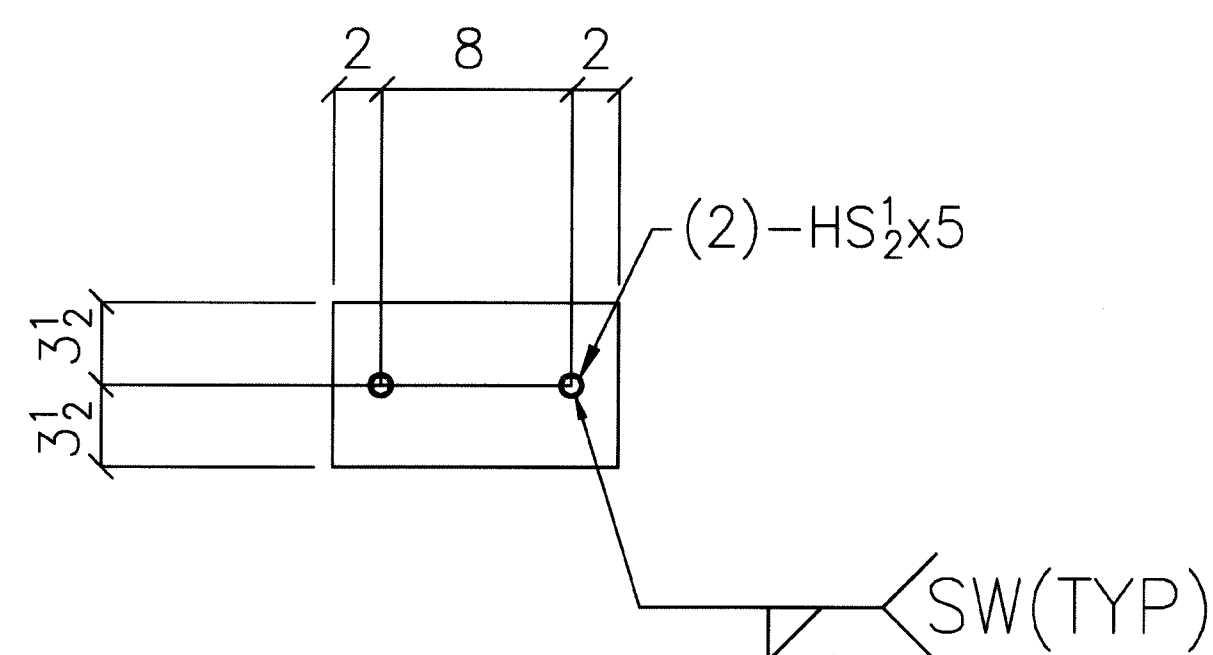




ONE - MISC ~ 172M1



ONE - MISC ~ 172M3



ONE - BEARING PLATE ~ 172BP2

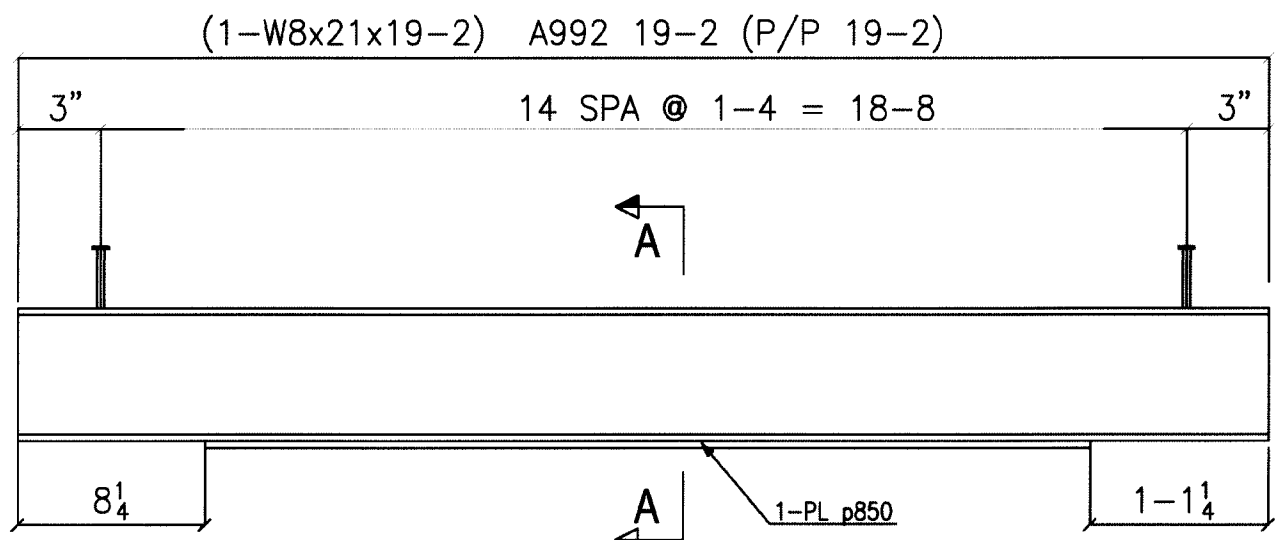
BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Fl	In						
		172M1		MISC								
1	1		c172	C12x20.7	0-2 1/2			A36				
1	1		p172	PL 1/2x5	0-6 1/8			A36				
		172BP2		BEARING PLATE								
1	1		172BP2	PL 1/2x7	0-10			A36				
1	2		ss1	HSS 1/2	0-5							
		172M3		MISC								
1	1		c172	C12x20.7	1-1 1/2			A36				
1	1		p173	PL 1/2x5	0-8			A36				

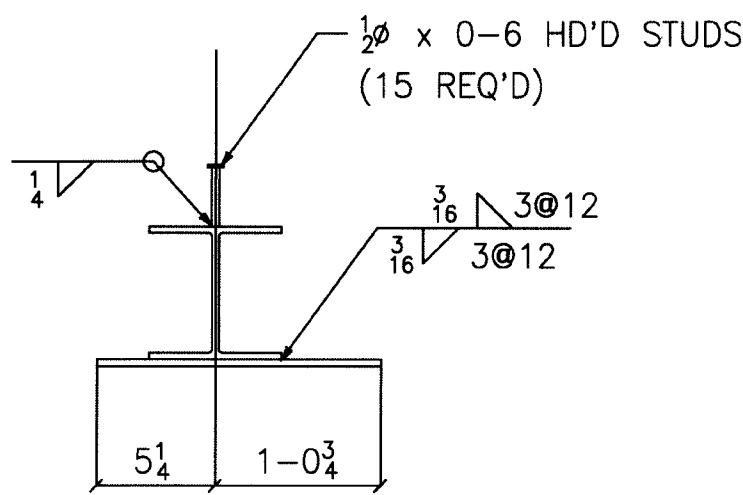
UNIT "A"

Ref. Dwgs. E103	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A36 U.N.O.	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #
Edge Dist.	Location: Indianapolis ,IN	06-612
Holes 13/16 Dia Holes U.N.O.	Customer: I P S	
Cleaning SSPC# SP3	Contents: BEARING PLATE	SHT. #
Weld E70XX	Drawn By: JJA Chkd By: BJ	172
Paint One Coat Red Primer	Date: 25OCT07 In Shop: 25OCT07	

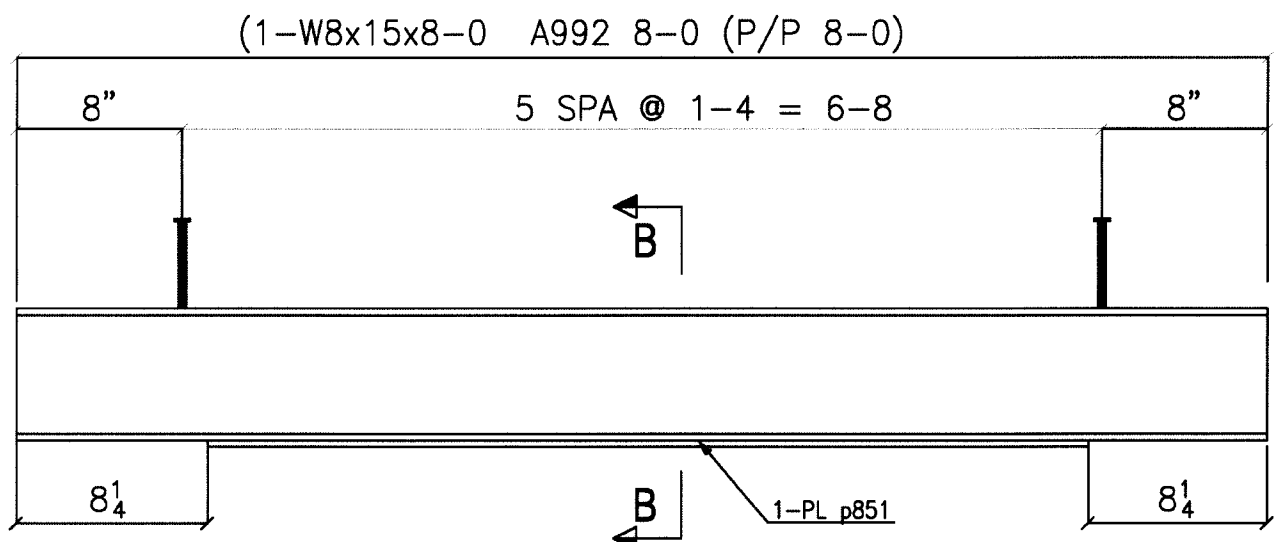
1	11/6/07	ADDED 172M3	
REV.	Date:	Description:	To Shop



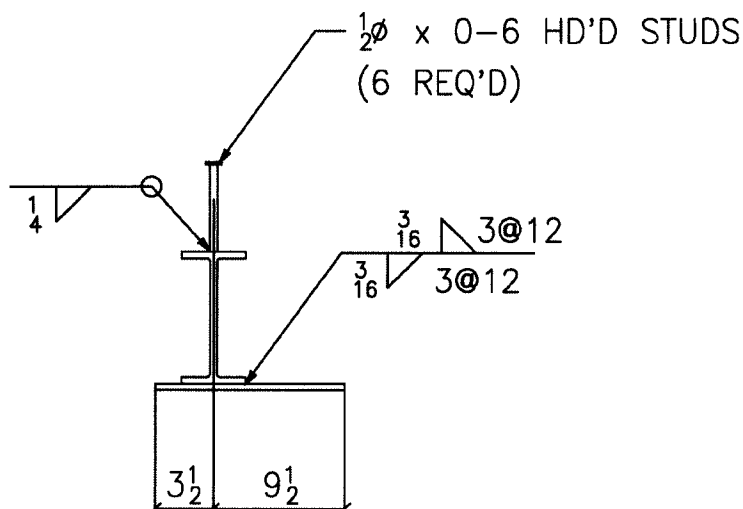
ONE - LINTEL - 173L1 (SL-1)(GALVANIZED)
(LOCATE AT DOOR A-334)



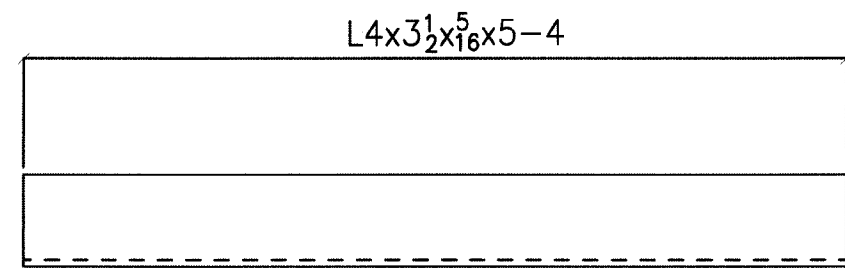
SECTION A-A
(173L1)



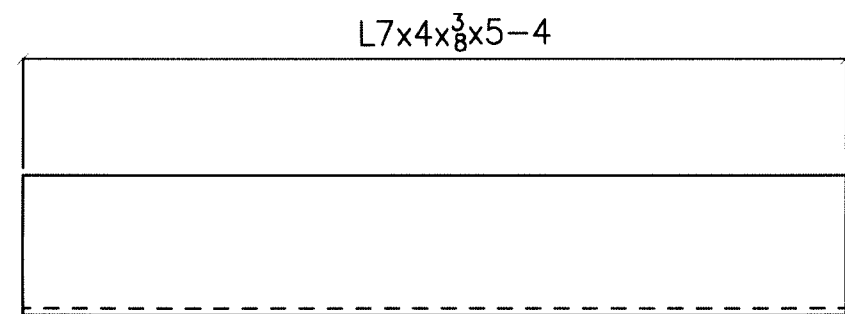
ONE - LINTEL - 173L2 (SL-2)(GALVANIZED)
(LOCATE AT DOOR A-320)



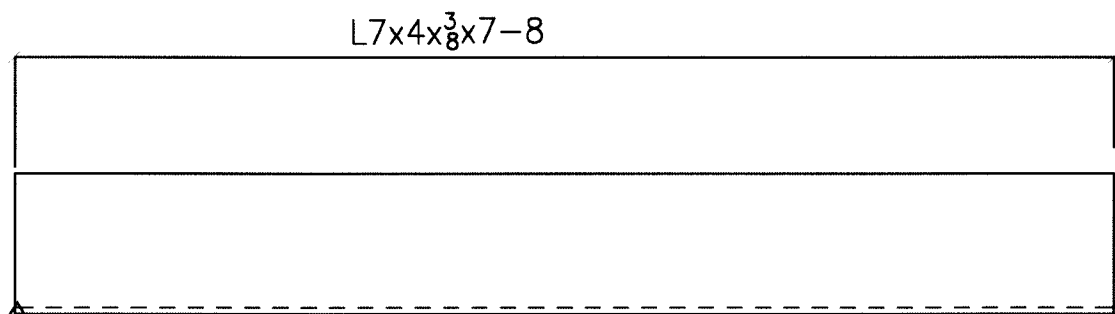
SECTION B-B
(173L2)



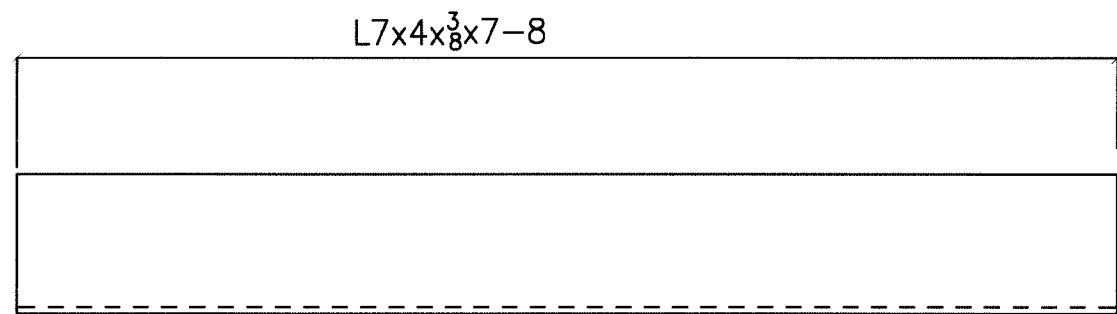
ONE - LINTEL - 173L3 (LBR) (GALVANIZED)
(LOCATE AT LOUVER IN ROOM 316)



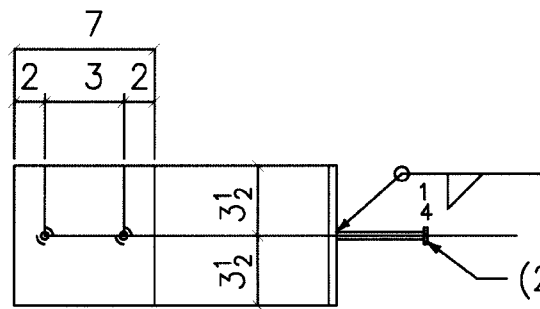
5 - LINTELS - 173L4 (LHS) (GALVANIZED)
(LOCATE AT 4-0 WINDOWS IN ROOMS 334 & 335)



3 - LINTELS - 173L5 (LHS) (GALVANIZED)
(LOCATE AT DOORS A-3, A-326B, A-326C)



ONE - LINTEL - 173L6 (LHS) (PRIME PAINTED)
(LOCATE AT DOORS A-333)



4 - PLATES - 173P7 (NO PAINT)

BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
1		173L1		LINTEL								
1	1		173L1	W8x21	19-2		GALV.	A992				
	1		p850	3/4x18	17-4 1/2			A36				
1	15		ss1	1/2 HD'D STUDS	0-6							
1		173L2		LINTEL								
1	1		173L2	W8x15	8-0		GALV.	A992				
1	1		p851	3/4x13	6-7 1/2			A36				
1	6		ss1	1/2 HD'D STUDS	0-6							
1		173L3		LINTEL								
1	1		173L3	L4x3 1/2 x 5/8	5-4		GALV.	A36				
1		173L4		LINTEL								
1	5		173L4	L7x4x 7/8	5-4		GALV.	A36				
1		173L5		LINTEL								
1	3		173L5	L7x4x 7/8	7-8		GALV.	A36				
1		173L6		LINTEL								
1	1		173L6	L7x4x 7/8	7-8			A36				
1		173P7		PLATE								
1	4		173P7	3/4x7	0-7		GALV.	A36				
2	8		ss2	1/2 HD'D STUDS	0-5							

UNIT "A"

1	20NOV07	CORRECTED PCMKs.
0	19NOV07	ISSUED FOR FAB
REV.	Date:	Description:

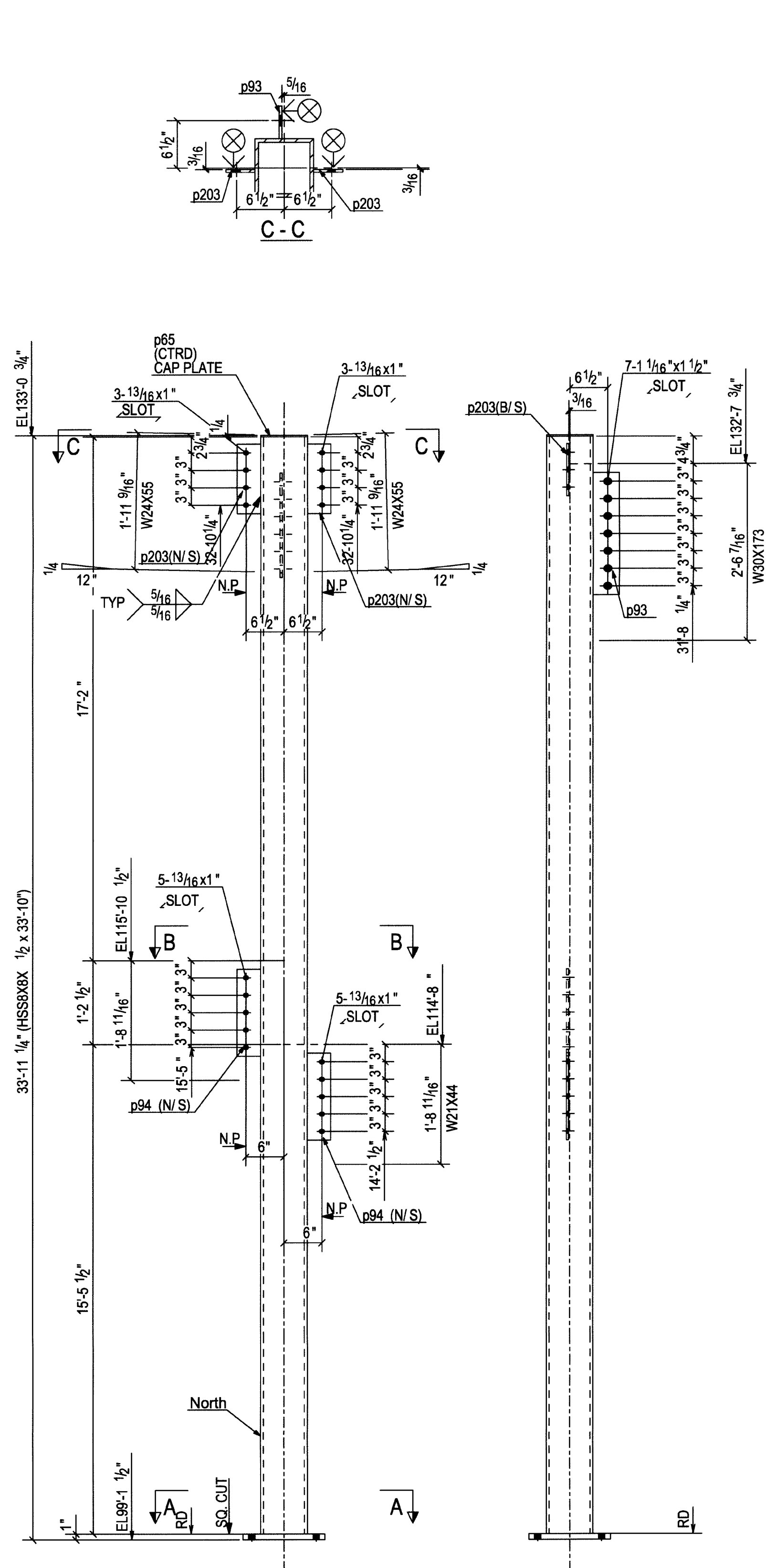
Ref. Dwgs.	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #
Edge Dist.	Location: Indianapolis ,IN	06-612
Holes 13/16 Dia Holes U.N.O	Customer: I P S	
Cleaning SSPC# SP3	Contents: UNIT "A" LINTELS	
Weld E70XX	Drawn By: jja	Chkd By: SF
Paint One Coat Red Primer	Date: 19NOV07	In Shop:
UNLESS NOTED		

[illegible]

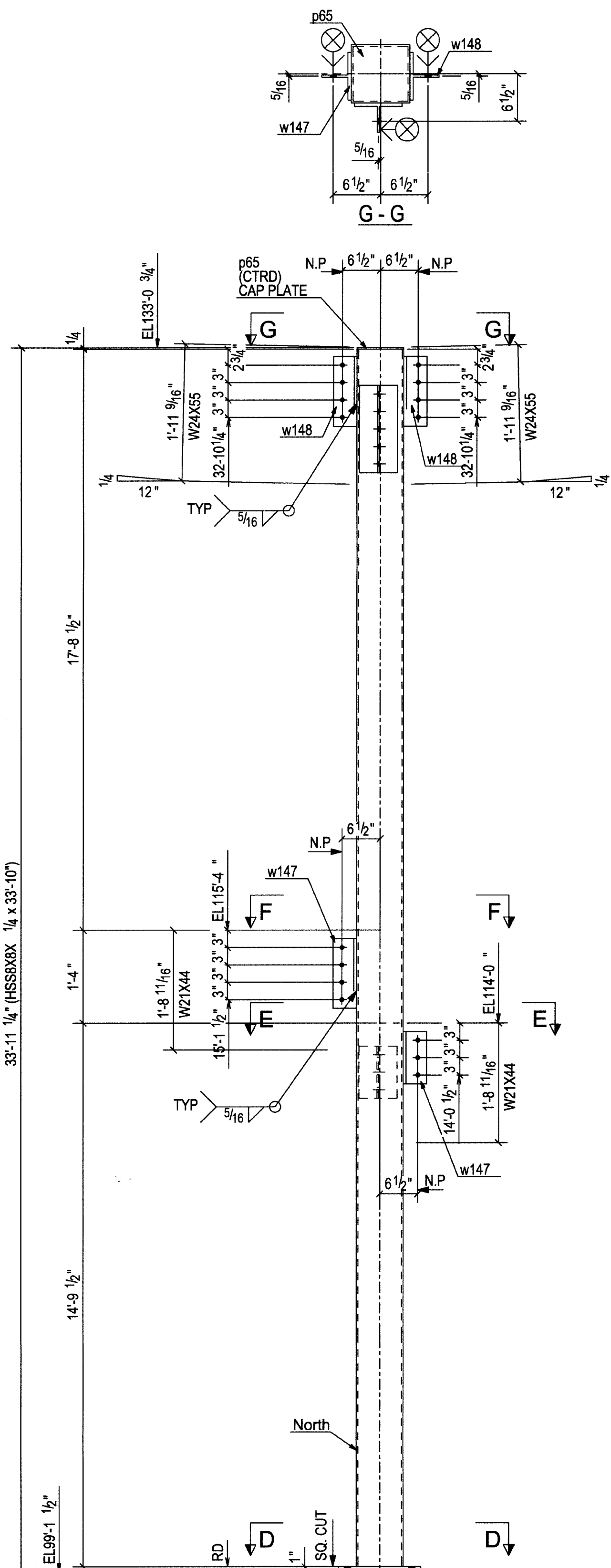
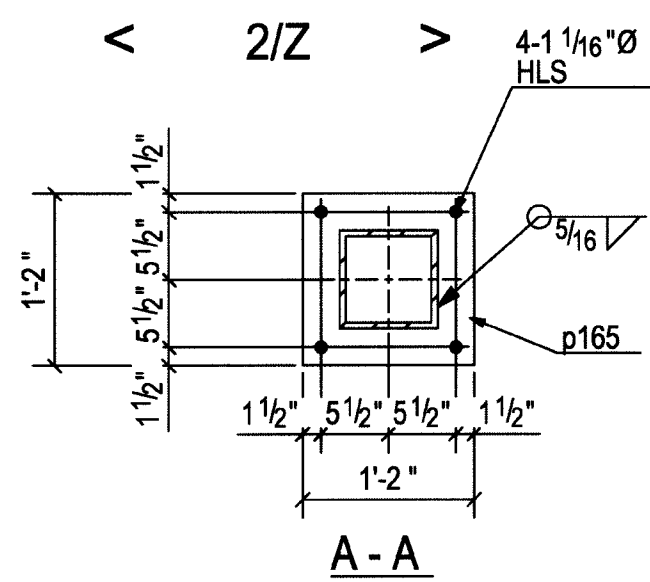
UNIT "A"

				Ordering: <u>SN 77</u> <u>SN 7</u>	Contents: <u>UNIT "A" LOOSE MATERIAL</u>	SHT. # 174
0	21NOV07	ISSUED FOR FAB		Weld <u>E70XX</u>	Drawn By: <u>SN</u> Chkd By: <u>SF</u>	
REV.	Date:	Description:	To Shop	Paint <u>One Coat Red Primer</u>	Date: <u>21NOV07</u> In Shop: _____	
				<u>UNLESS NOTED</u>		

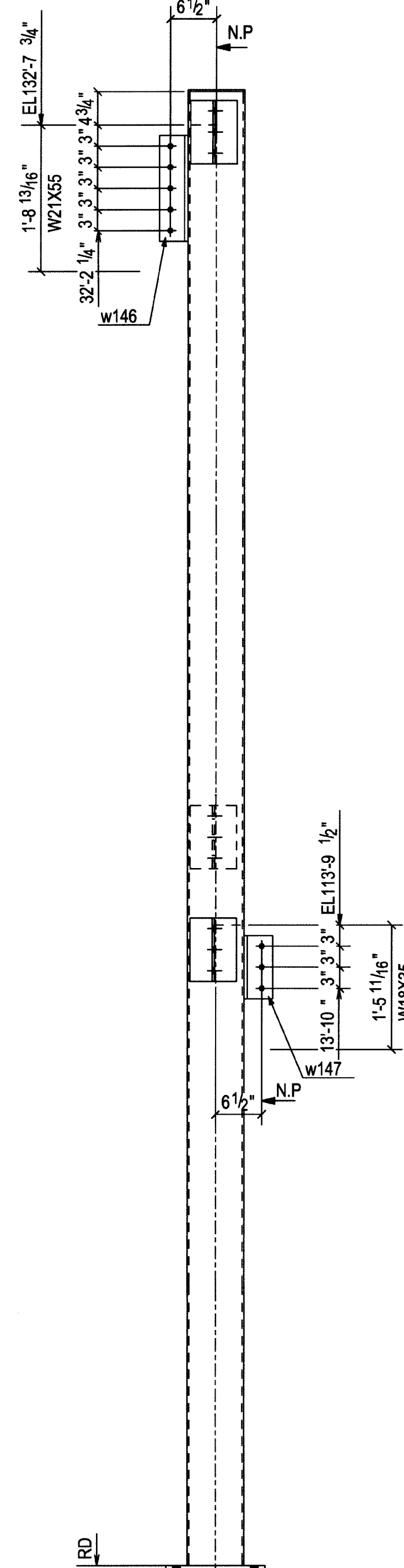
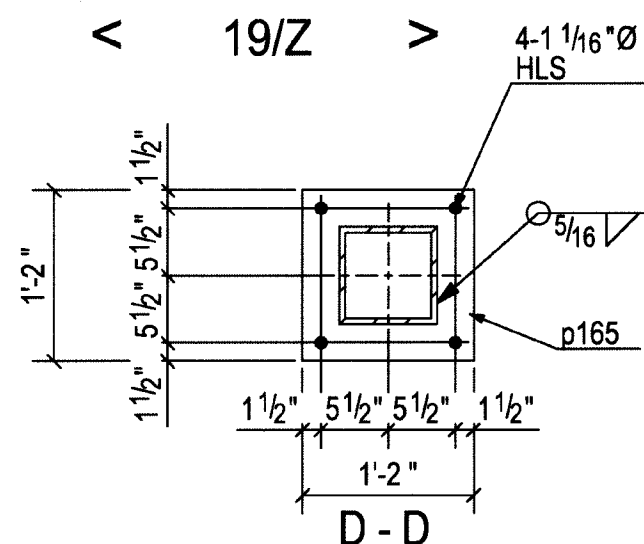
FOR FAB & FIELD USE 11-26-07



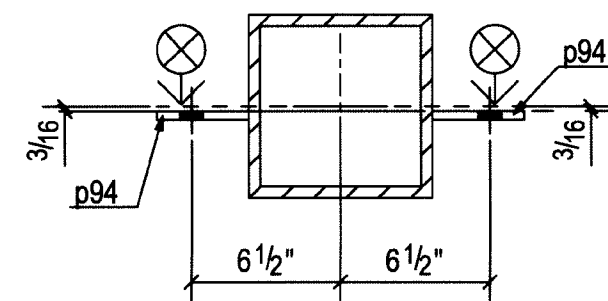
ONE - COLUMN - 203C1



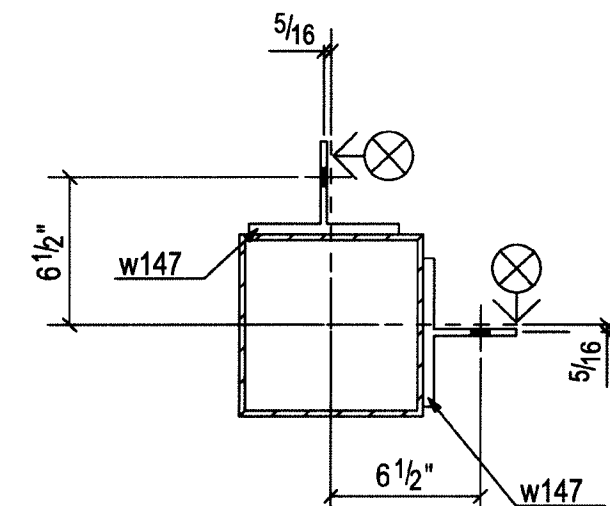
ONE - COLUMN - 203C2



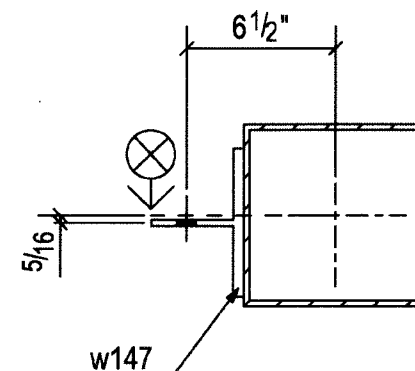
BILL OF MATERIAL											
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.
					ft	in					
				COLUMN							
1	1	203C1		HSS8X8X1/2	33	10"		A500-GR.B	1554.41		
1	1		p65	PL1/4"X8"	0	8"		A36	4.50		
1	1		p93	PL3/8"X4 1/2"	1	9"		A36	8.59		
1	1		p165	PL1"X14"	1	2"		A36	55.59		
2	2		p203	PL3/8"X4"	0	9"		A36	7.64		
2	2		p94	PL3/8"X1/2"	1	3"		A36	12.73		
				COLUMN							
1	1	203C2		HSS8X8X1/4	33	10"		A500-GR.B	817.50		
1	1		p65	PL1/4"X8"	0	8"		A36	4.50		
1	1		p165	PL1"X14"	1	2"		A36	45.66		
1	1		w146	WT4X14	1	3"		A992	17.53		
2	2		w148	WT4X14	1	0		A992	10.52		
3	3		w147	WT4X14	0	9"		A992	42.06		



B - B



E - E

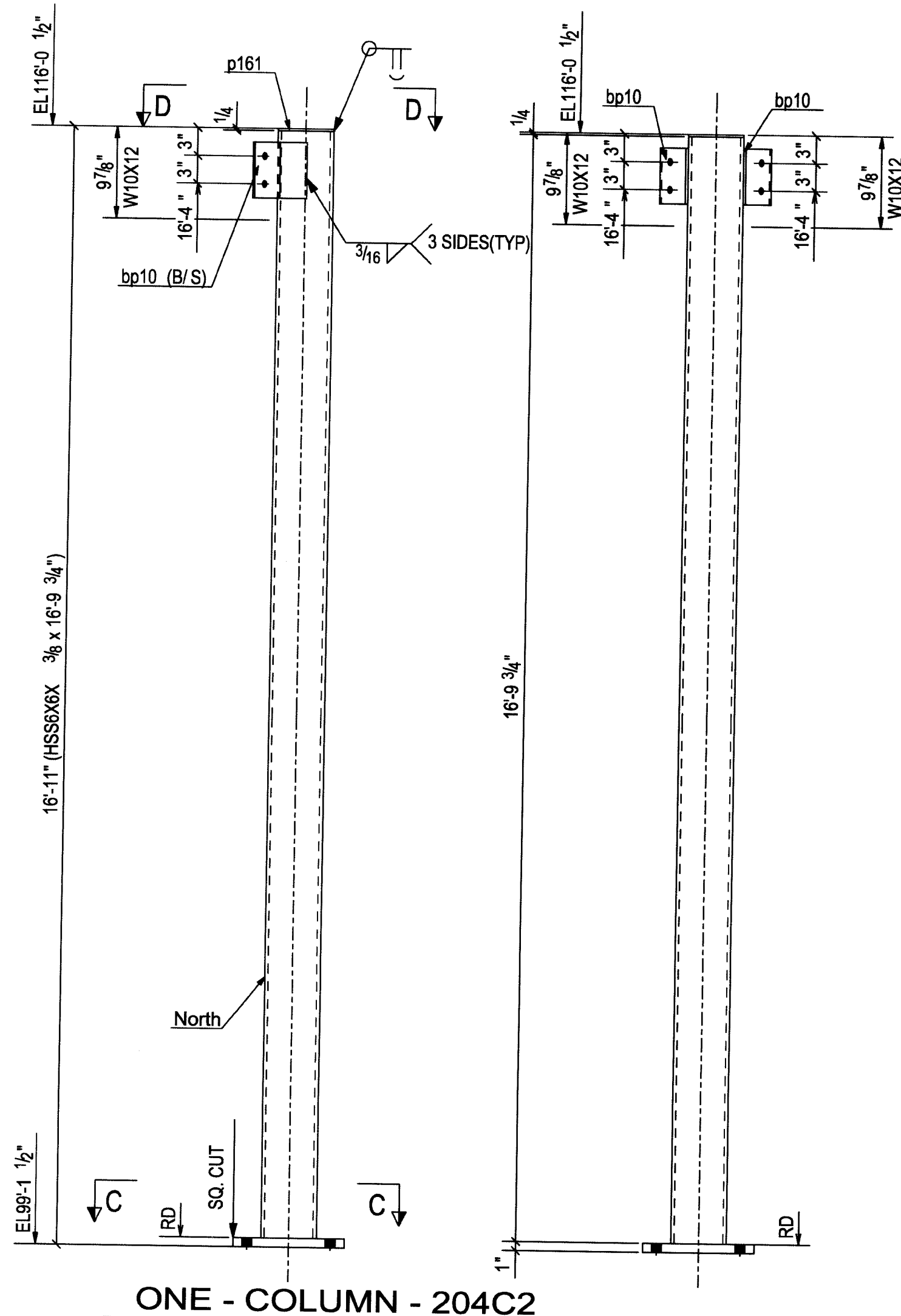
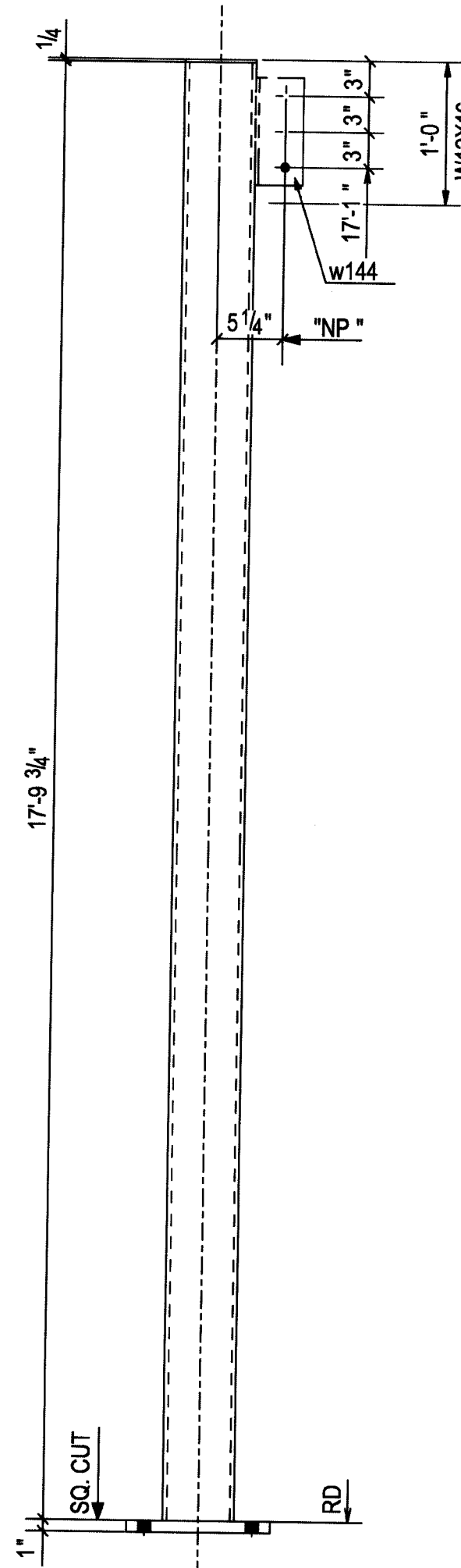
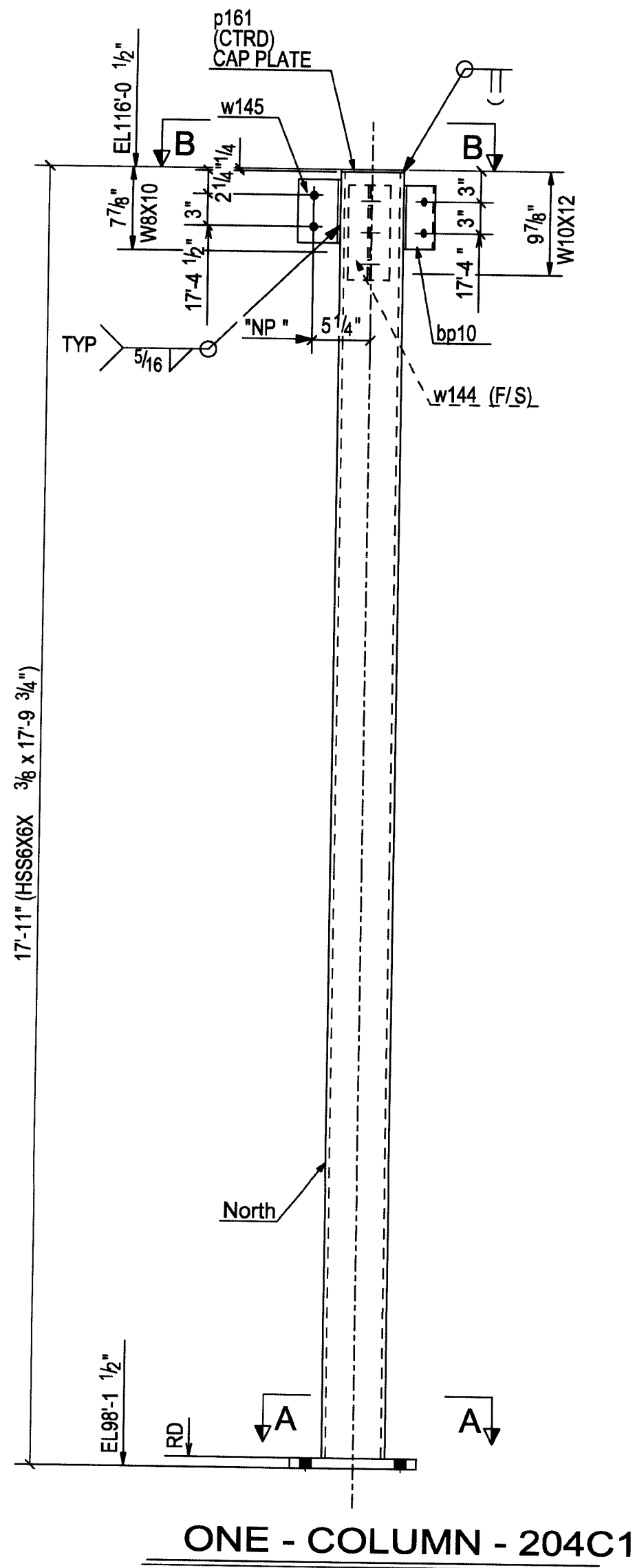
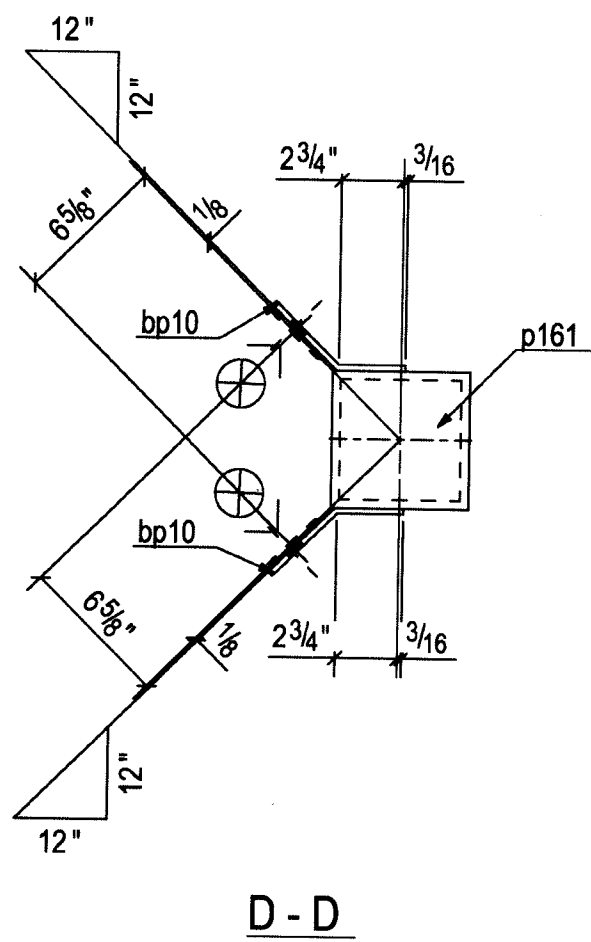
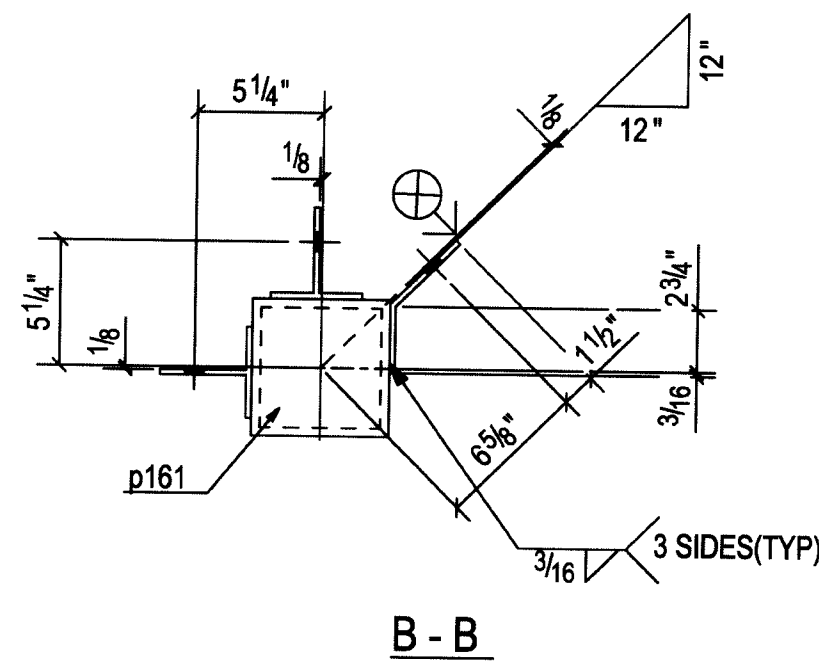


F - F

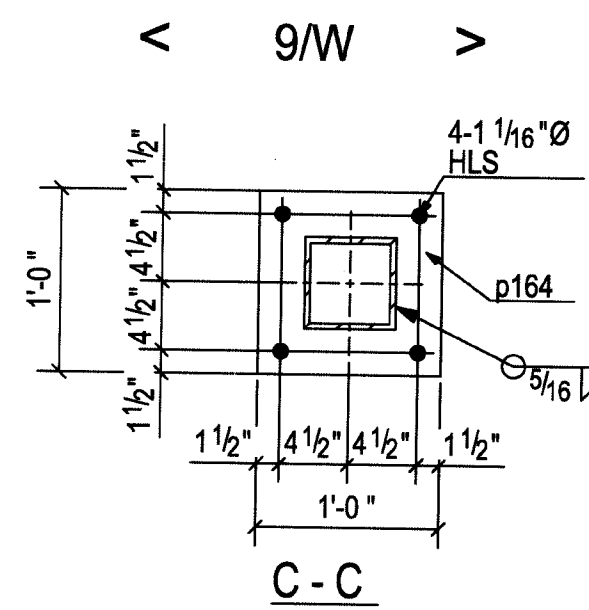
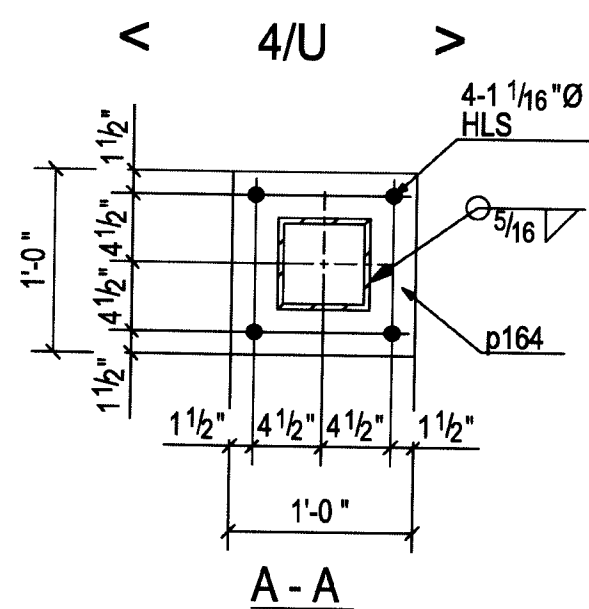
NOTE: NO PAINT WITHIN 3 OF HOLES NOTED "NP"

UNIT " B "

Ref. Dwg.	E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002		JOB #
Material	A992 U.N.O	Structure:	LAWRENCE CENTRAL HIGH SCHOOL	06-612
Edge Dist.		Location:	Indianapolis ,IN	
Holes	13/16 Dia Holes U.N.O	Customer:	I P S	
Cleaning SSPC#	SP3	Contents:	COLUMN	SHT. #
Weld E70XX		Drawn By:	SIMI	203
Paint	One Coat Red Primer	Chkd By:	BJ	
REV.	16JULY07	Date:	06-18-07	In Shop:
		Description:	08AUG07	
		To Shop		



NOTE: NO PAINT WITHIN 3" OF HOLES NOTED "NP"



BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		204C1		COLUMN								
1	1		204C1	HSS6X6X3/8	17	9 3/4"		A500-GR.B	459.49			
1	1		bp10	PL1/4"X6"	0	6 13/16"		A36	2.91			
1	1		p161	PL1/4"X6"	0	8"		A36	2.53			
1	1		p164	PL1"X12"	0	12"		A36	40.84			
1	1		w144	WT4X8.5	0	9"		A992	4.90			
1	1		w145	WT4X8.5	0	8"		A992	3.27			
		204C2		COLUMN								
1	1		204C2	HSS6X6X3/8	16	9 3/4"		A500-GR.B	433.70			
1	1		p161	PL1/4"X6"	0	8"		A36	2.53			
1	1		p164	PL1"X12"	0	12"		A36	40.84			
2	2		bp10	PL1/4"X6"	0	6 13/16"		A36	5.82			

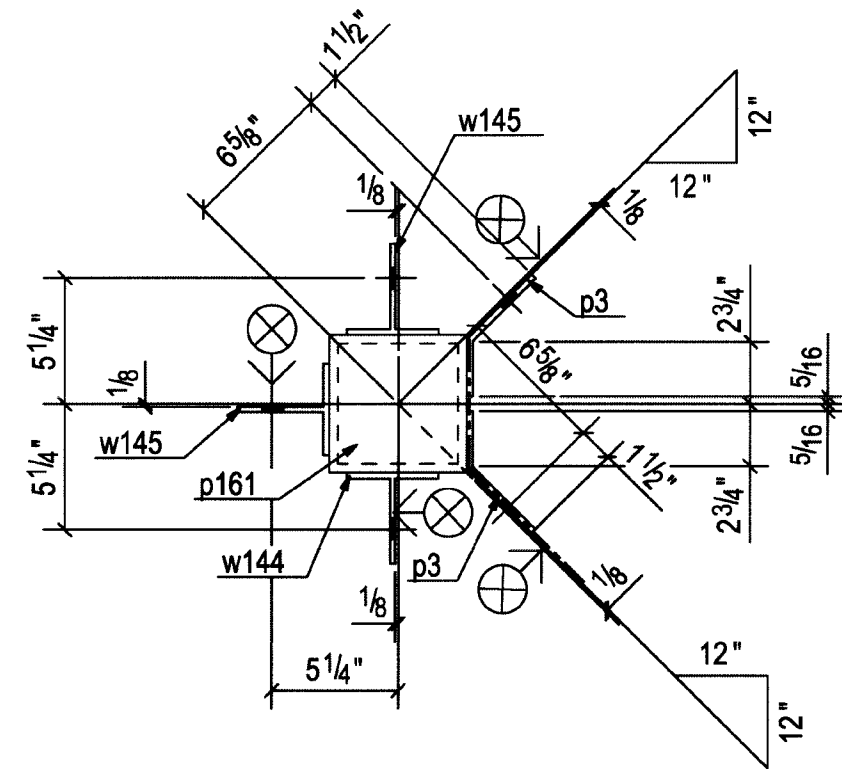
UNIT " B "

Ref. Dwgs.	E200, E201, E202 & E203
Material	A992 U.N.O
Edge Dist.	
Holes	13/16 Dia Holes U.N.O
Cleaning SSPC#	SP3
Weld E70XX	
Paint	One Coat Red Primer

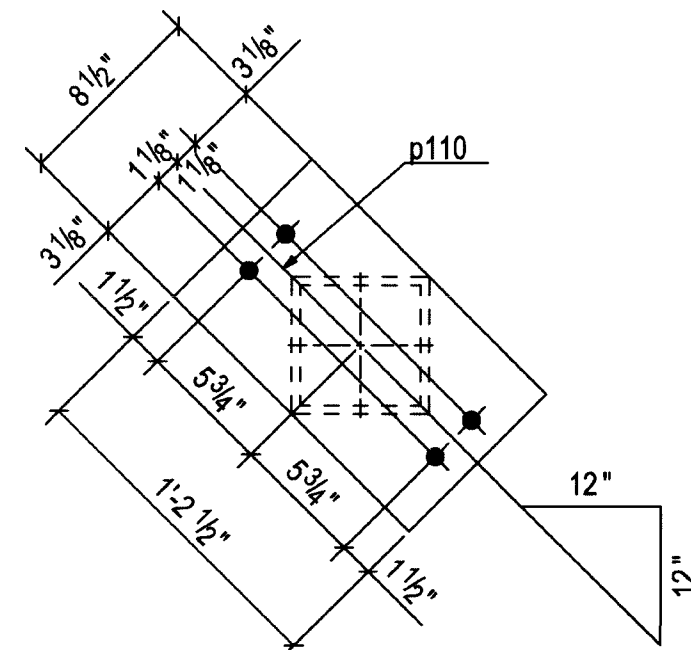
STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Structure:	LAWRENCE CENTRAL HIGH SCHOOL
Location:	Indianapolis ,IN
Customer:	I P S
Contents:	COLUMN
Drawn By:	SIMI
Chkd By:	BJ
Date:	06-18-07
In Shop:	08AUG07

JOB #	06-612
SHT. #	204

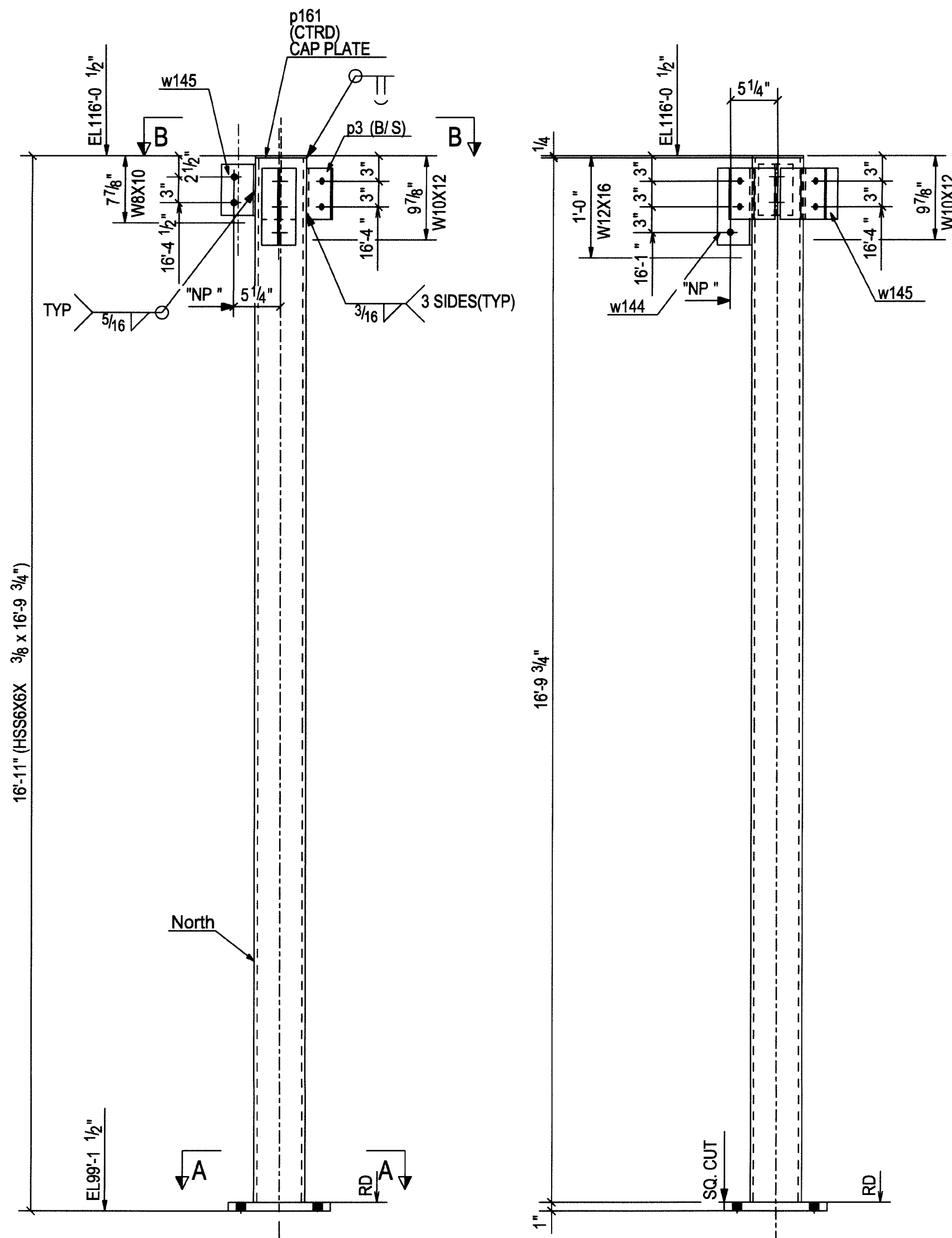
REV.	16JULY07	ISSUED FOR APPROVAL	To Shop
	Date:	Description:	



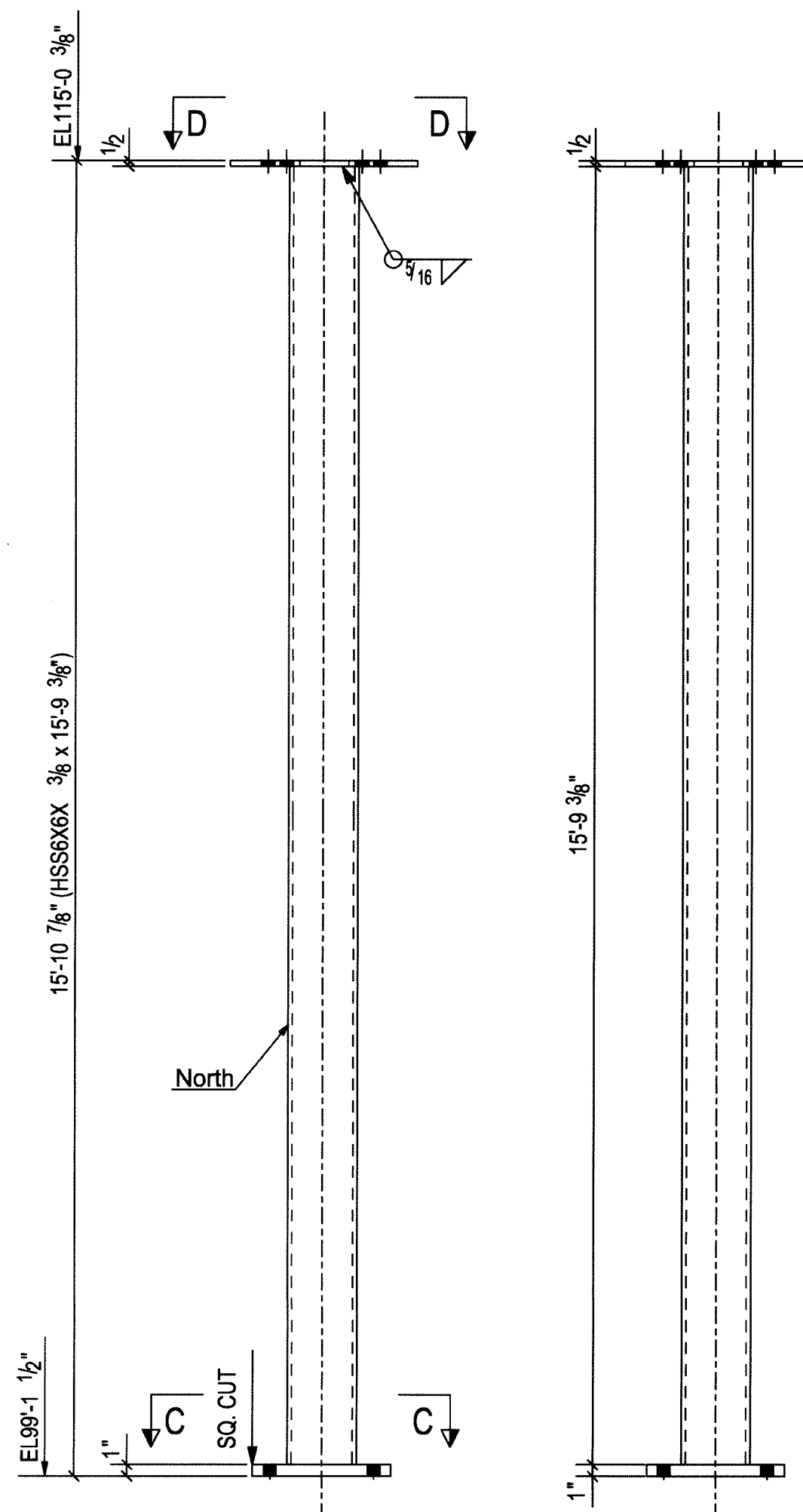
B - B



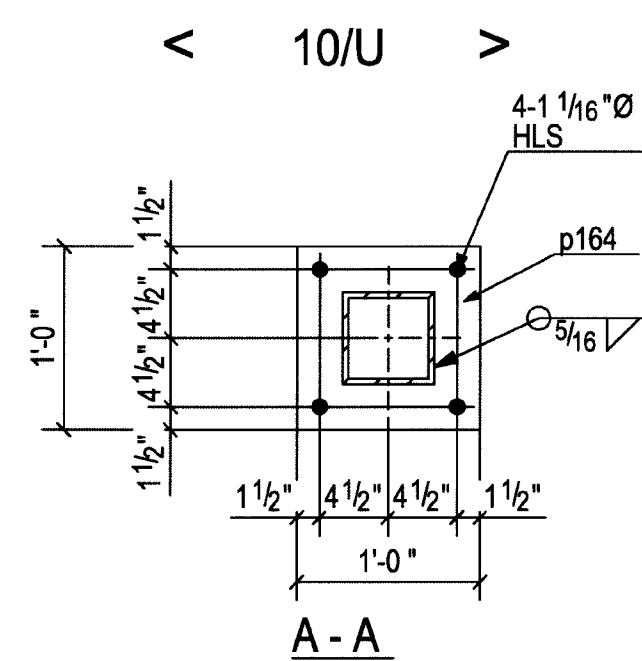
D - D



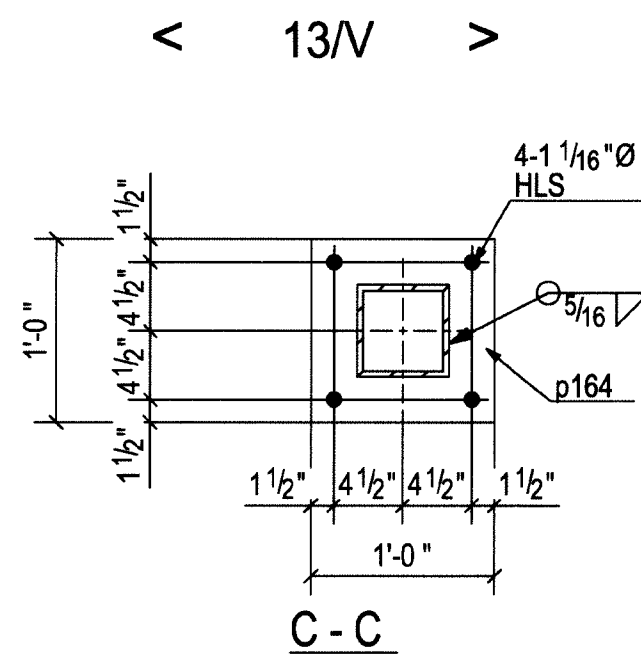
ONE - COLUMN - 205C1



ONE - COLUMN - 205C2



A - A



C - C

BILL OF MATERIAL

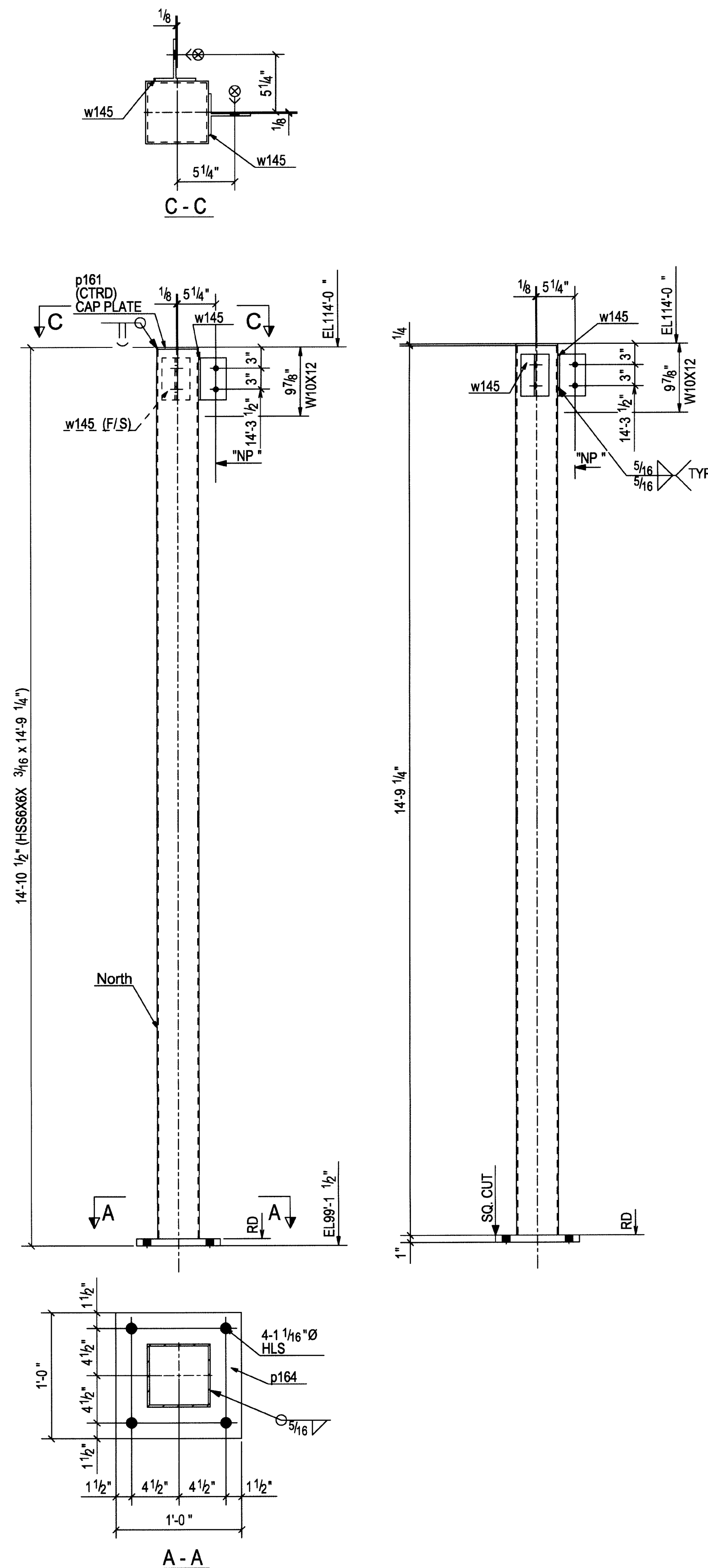
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq. No.	Seq. Qty
					Fi	In						
		205C1		COLUMN								
1	1		205C1	HSS6X6X3/8	16	9 3/4"		A500-GR.B	433.70			
1	1		p161	PL1/4"x6"	0	6"		A36	2.53			
1	1		p164	PL1"x12"	0	12"		A36	40.84			
1	1		w144	WT4X6.5	0	9"		A992	4.90			
2	2		p3	PL1/4"x6"	0	6 5/8"		A36	5.40			
2	2		w145	WT4X6.5	0	6"		A992	6.53			
		205C2		COLUMN								
1	1		205C2	HSS6X6X3/8	15	9 3/8"		A500-GR.B	407.03			
1	1		p110	PL1/2"x6 1/2"	1	2 1/2"		A36	17.42			
1	1		p164	PL1"x12"	0	12"		A36	40.84			

NOTE: NO PAINT WITHIN 3 OF HOLES NOTED "NP"

UNIT " B "

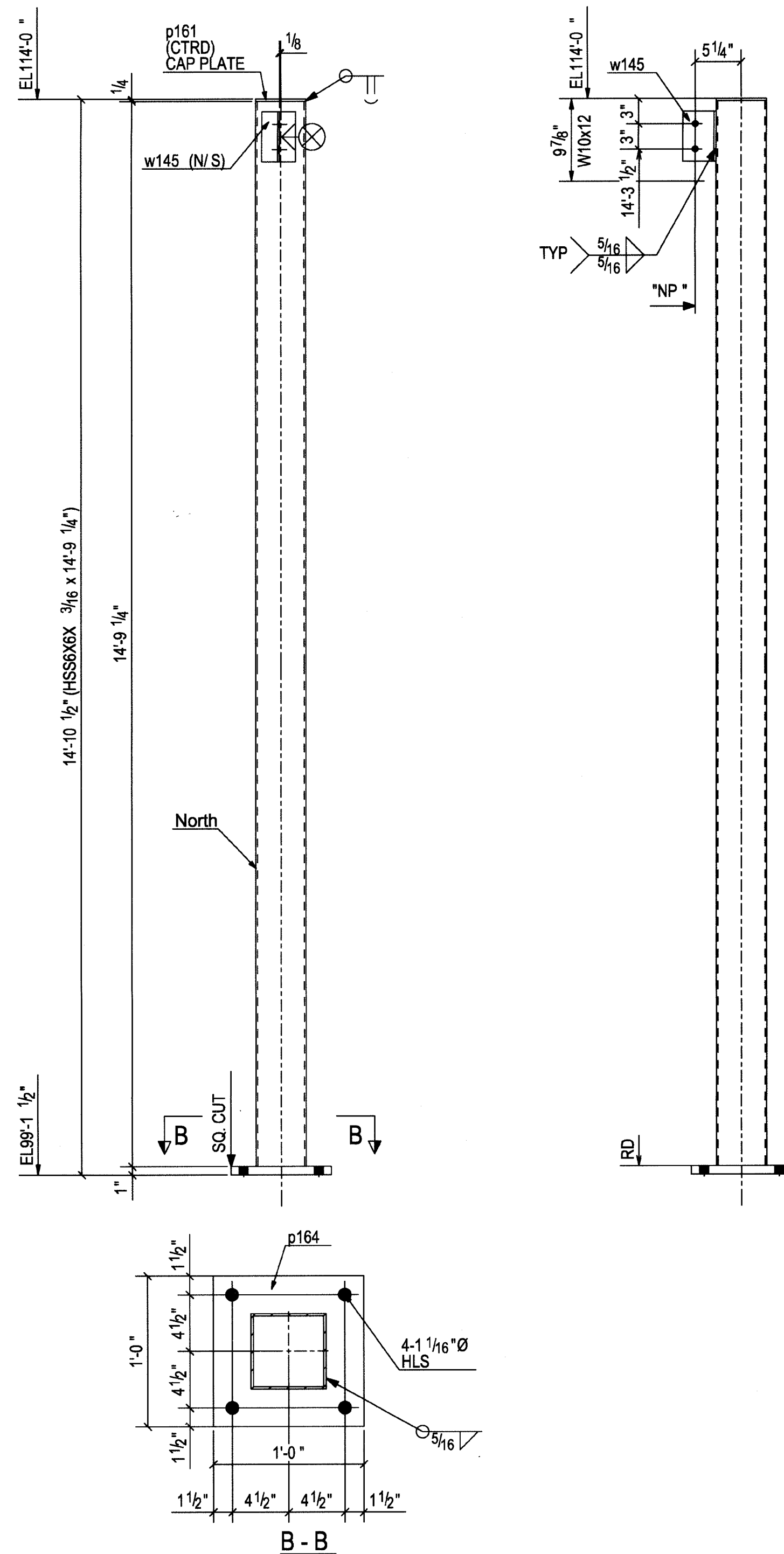
Ref. Dwgs. E200, E201, E202 & E203		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #	
Edge Dist.	Location: Indianapolis ,IN	06-612	
Holes 13/16 Dia Holes U.N.O	Customer: I P S	SHT. #	
Cleaning SSPC# SP3	Contents: COLUMN	205	
Weld E70XX	Drawn By: SIMI Chkd By: BJ		
Paint One Coat Red Primer	Date: 06-18-07 In Shop: 08AUG07		

REV.	16JULY07	ISSUED FOR APPROVAL	To Shop
	Date:	Description:	



ONE - COLUMN - 207C1

< 33/X >



ONE - COLUMN - 207C2

< 34/X >

I	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop

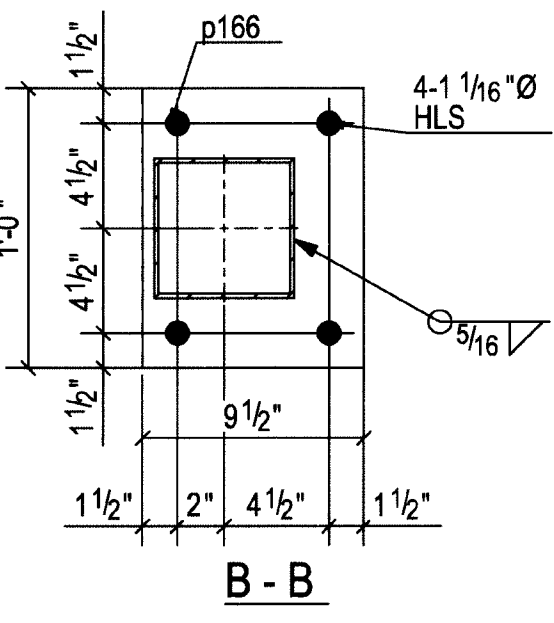
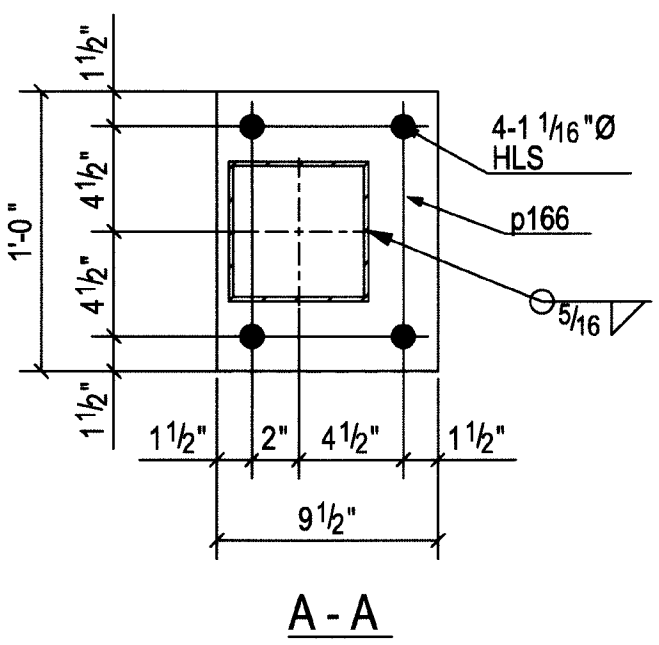
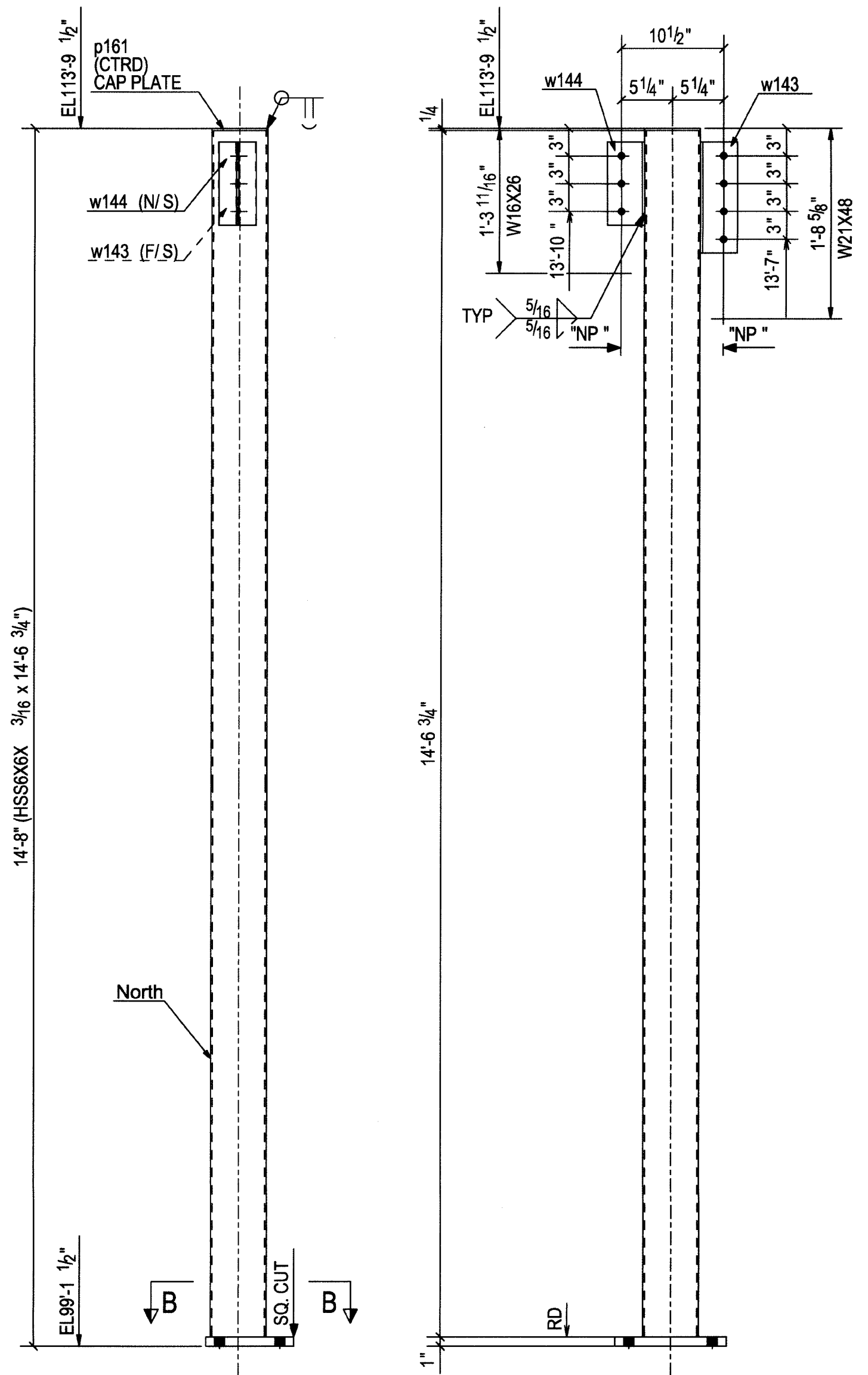
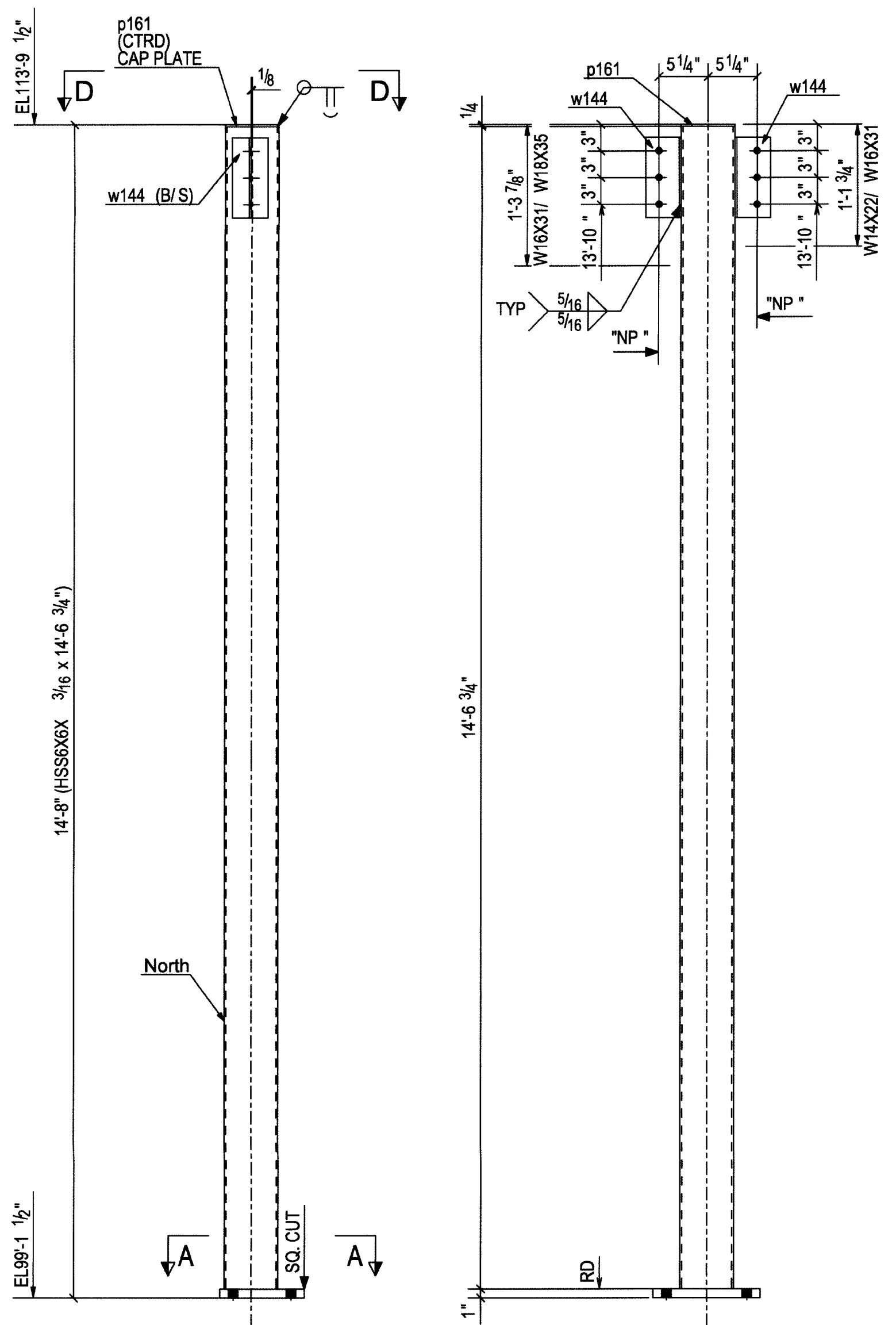
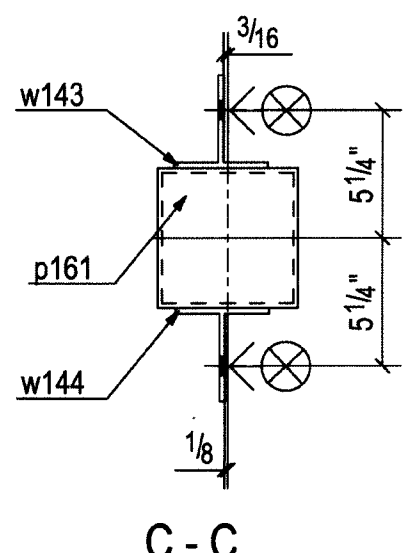
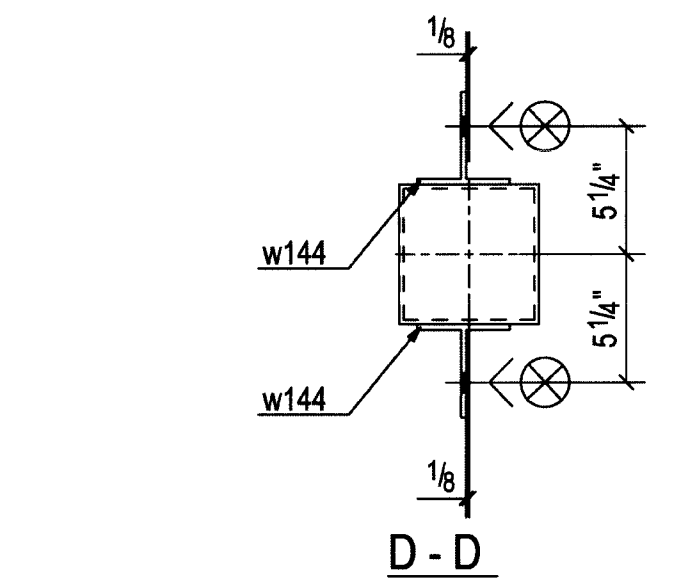
BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Fl	In						
		207C1		COLUMN								
1	1		207C1	HSS6X6X3/16	14	9 1/4"		A500-GR.B	200.07			
1	1		p161	PL 1/4"X6"	0	6"		A36	2.53			
1	1		p164	PL 1"X12"	1	0"		A36	40.84			
2	2		w145	WT4X6.5	0	6"		A992	6.53			
		207C2		COLUMN								
1	1		207C2	HSS6X6X3/16	14	9 1/4"		A500-GR.B	200.07			
1	1		p161	PL 1/4"X6"	0	6"		A36	2.53			
1	1		p164	PL 1"X12"	1	0"		A36	40.84			
1	1		w145	WT4X6.5	0	6"		A992	3.27			

NOTE: NO PAINT WITHIN 3" OF HOLES NOTED "NP"

UNIT 'B'

Ref. Dwgs. <u>E200, E201, E202 & E203</u>		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material <u>A992 U.N.O</u>	Structure: <u>LAWRENCE CENTRAL HIGH SCHOOL</u>	JOB # 06-612	
Edge Dist. <u>13/16 Dia Holes U.N.O</u>	Location: <u>Indianapolis ,IN</u>		
Holes <u>13/16 Dia Holes U.N.O</u>	Customer: <u>I P S</u>	SHT. # 207	
Cleaning SSPC# <u>SP3</u>	Contents: <u>COLUMN</u>		
Weld E70XX <u></u>	Drawn By: <u>SIMI</u> Chkd By: <u>BJ</u>		
Paint <u>One Coat Red Primer</u>	Date: <u>06-18-07</u> In Shop: <u></u>		



2 - COLUMNS - 209C1

ONE - COLUMN - 209C2

< 24/Z >
< 21/Z >

< 32/Z >

BILL OF MATERIAL

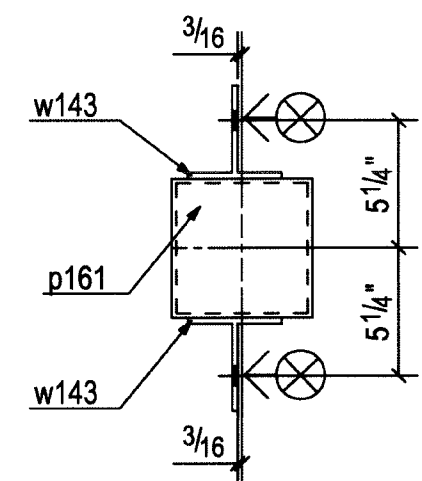
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		209C1		COLUMN								
1	2		209C1	HSS6X8X3/16	14	6 3/4"		A500-GR B	197.24			
1	2		p161	PL 1/4"X6"	0	6"		A36	2.53			
1	2		p166	PL 1"X9 1/2"	1	0"		A36	32.33			
2	4		w144	WT4X6.5	0	9"		A992	9.80			
		209C2		COLUMN								
1	1		209C2	HSS6X8X3/16	14	6 3/4"		A500-GR B	197.24			
1	1		p161	PL 1/4"X6"	0	6"		A36	2.53			
1	1		p166	PL 1"X9 1/2"	1	0"		A36	32.33			
1	1		w144	WT4X6.5	0	9"		A992	9.80			
1	1		w143	WT4X6.5	1	0"		A992	9.80			

NOTE: NO PAINT WITHIN 3" OF HOLES NOTED "NP"

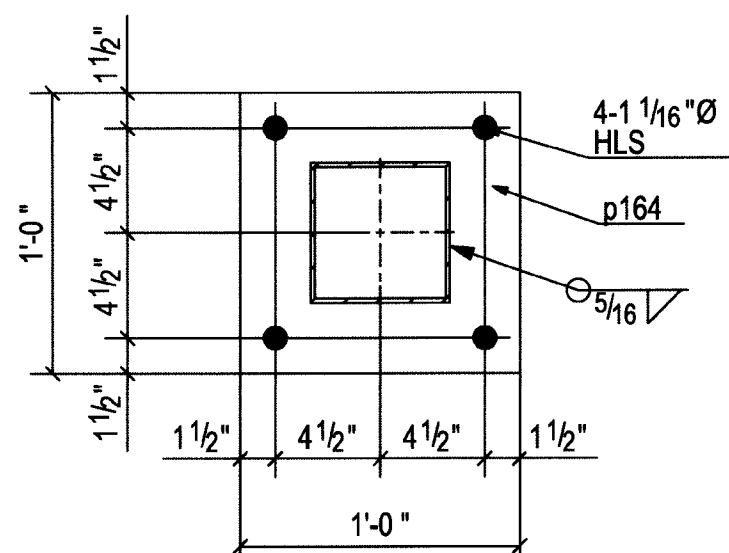
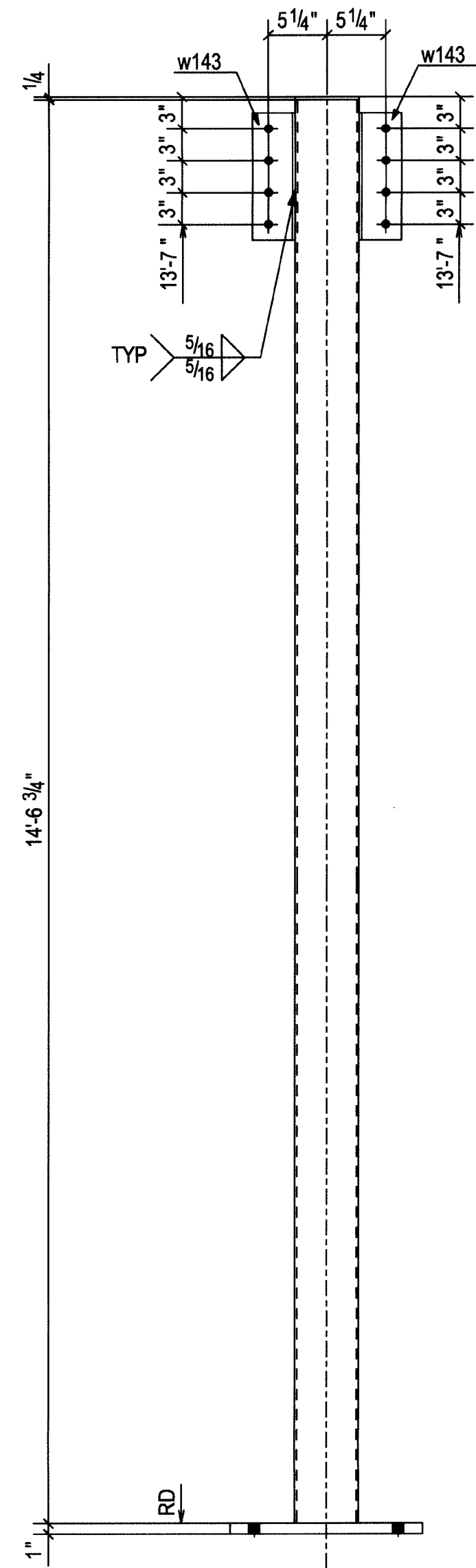
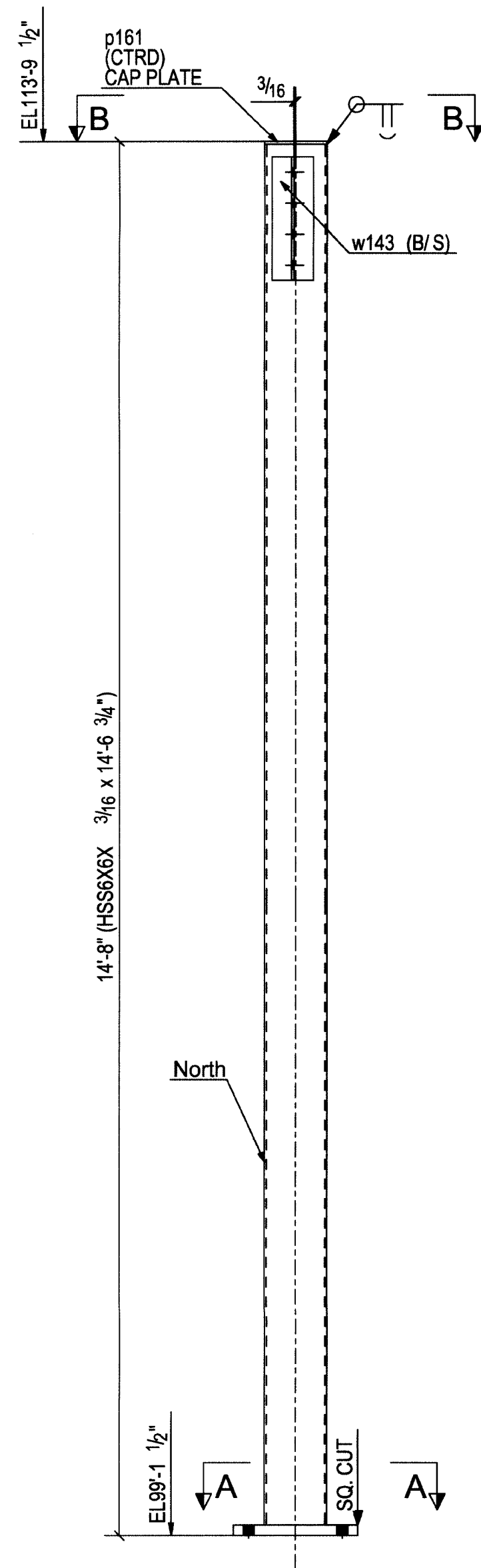
UNIT 'B'

Ref. Dwgs. E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB # 06-612
Edge Dist.	Location: Indianapolis ,IN	
Holes 13/16 Dia Holes U.N.O	Customer: I P S	
Cleaning SSPC# SP3	Contents: COLUMN	SHT. #
Weld E70XX	Drawn By: SIMI Chkd By: BJ	209
Paint One Coat Red Primer	Date: 06-18-07 In Shop:	

REV.	16JULY07	ISSUED FOR APPROVAL	To Shop
	Date:	Description:	



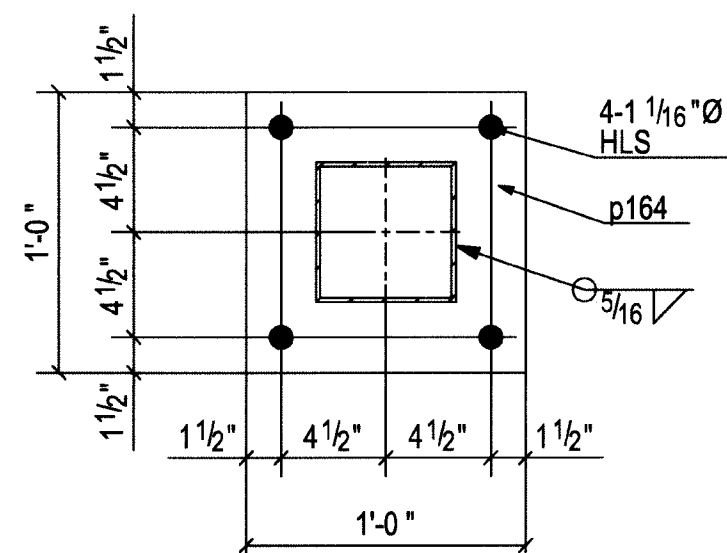
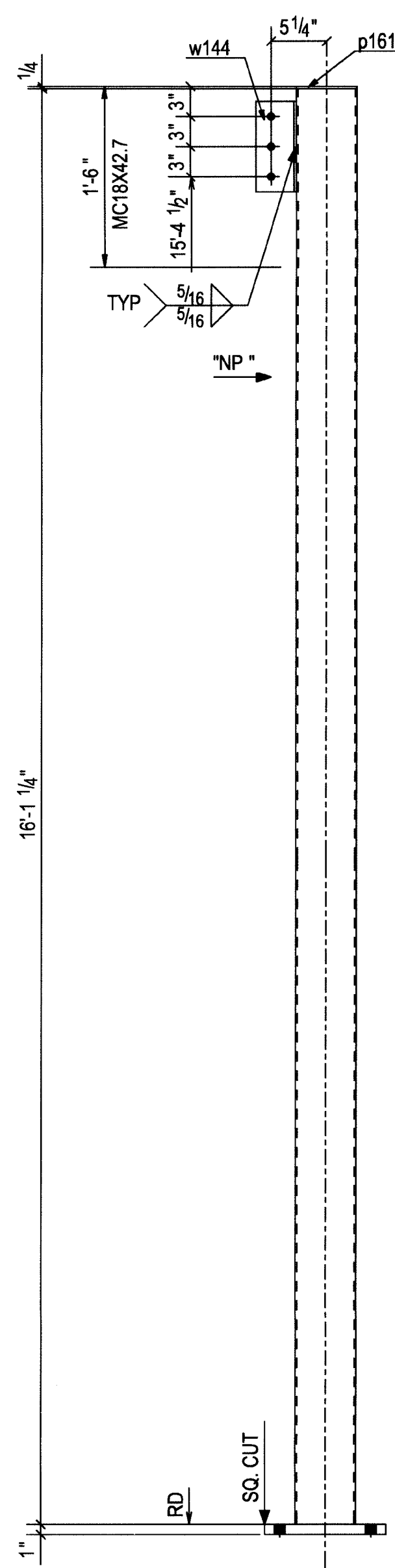
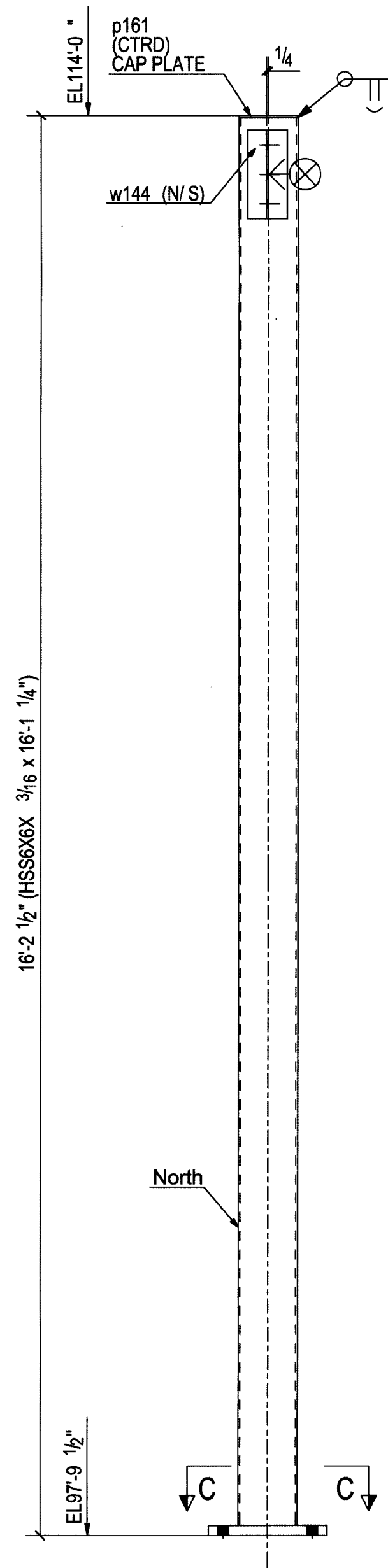
B - B



A - A

2 - COLUMNS - 210C1

< 21/AA >
< 28/AA >



C - C

ONE - COLUMN - 210C2

< 39/Y >

BILL OF MATERIAL

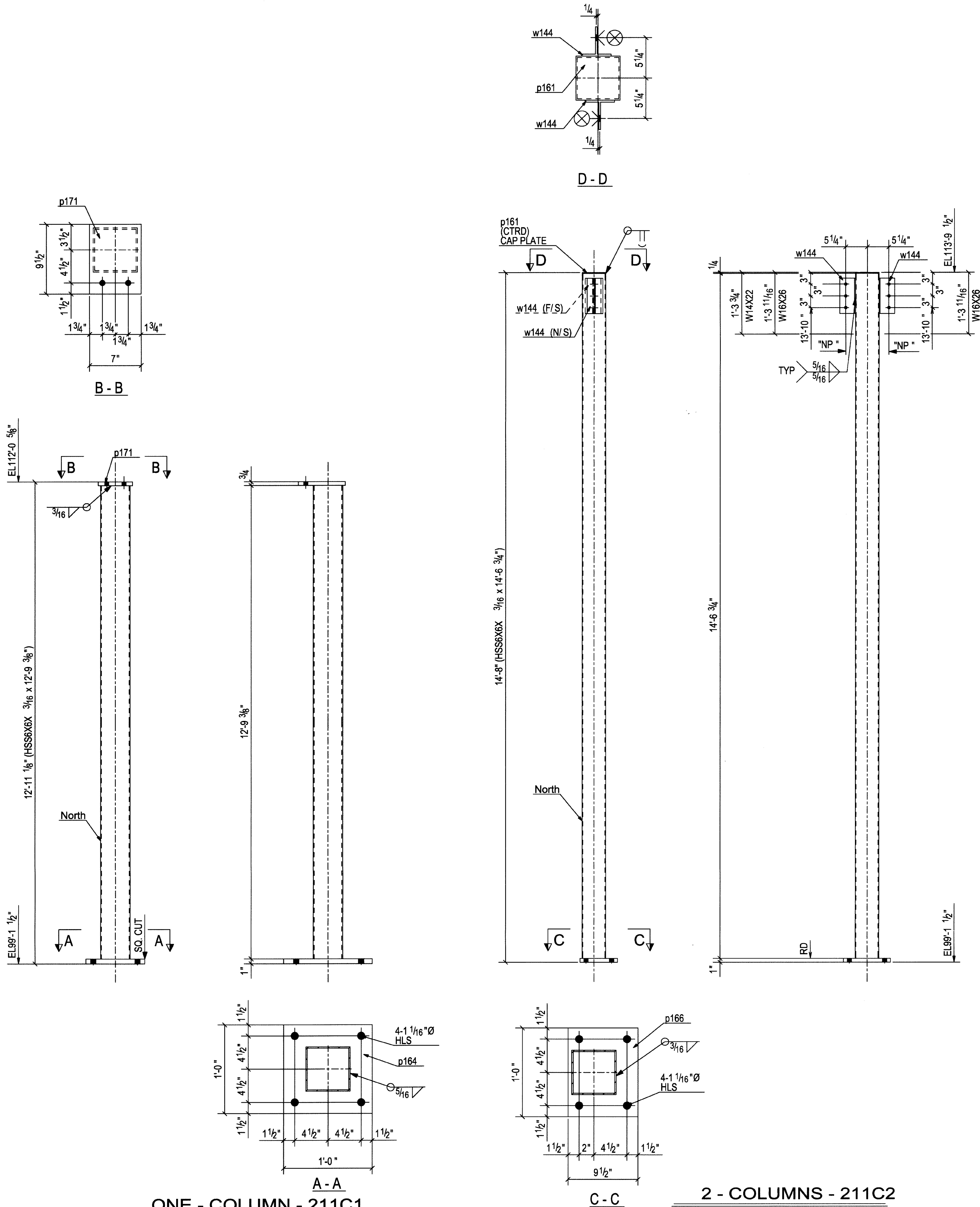
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		210C1		COLUMN								
1	2		210C1	HSS6X6X3/16	14	6 3/4"		A500-GR.B	197.24			
1	2		p161	PL1/4"x6"	0	6"		A36	2.53			
1	2		p164	PL1"x12"	1	0"		A36	32.33			
2	4		w143	WT4X6.5	1	0"		A992	13.07			
		210C2		COLUMN								
1	1		210C2	HSS6X6X3/16	16	1 1/4"		A500-GR.B	218.13			
1	1		p161	PL1/4"x6"	0	6"		A36	2.53			
1	1		p164	PL1"x12"	0	12"		A36	40.84			
1	1		w144	WT4X6.5	0	9"		A992	4.90			

NOTE: NO PAINT WITHIN 3 OF HOLES NOTED "NP"

UNIT 'B'

Ref. Dwgs. E200, E201, E202 & E203		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O.	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #	
Edge Dist.	Location: Indianapolis ,IN	06-612	
Holes 13/16 Dia Holes U.N.O.	Customer: I P S	SHT. #	
Cleaning SSPC# SP3	Contents: COLUMN	210	
Weld E70XX	Drawn By: SIMI Chkd By: BJ		
Paint One Coat Red Primer	Date: 06-18-07 In Shop:		

I	16JULY07	ISSUED FOR APPROVAL	To Shop
REV.	Date:	Description:	



BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		211C1		COLUMN								
1	1		211C1	HSS6X6X3/16	12	9 3/8"		A500-GR.B	173.39			
1	1		p164	PL1"x12"	0	12"		A36	32.33			
1	1		p171	PL3/4"x7"	0	9 1/2"		A36	14.18			
		211C2		COLUMN								
1	2		211C2	HSS6X6X3/16	14	6 3/4"		A500-GR.B	197.24			
1	2		p161	PL1/4"x6"	0	6"		A36	2.53			
1	2		p166	PL1"x9 1/2"	1	0"		A36	32.33			
2	4		w144	WT4X6.5	0	9"		A992	9.80			

NOTE: NO PAINT WITHIN 3" OF HOLES NOTED "NP"

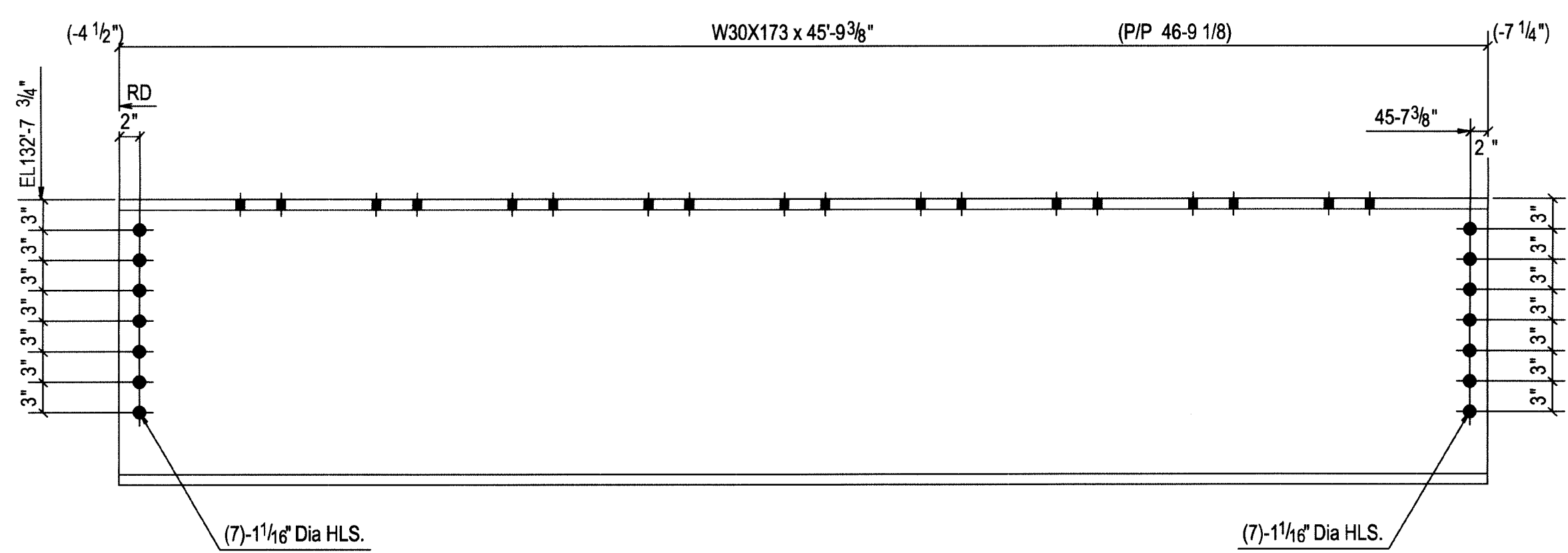
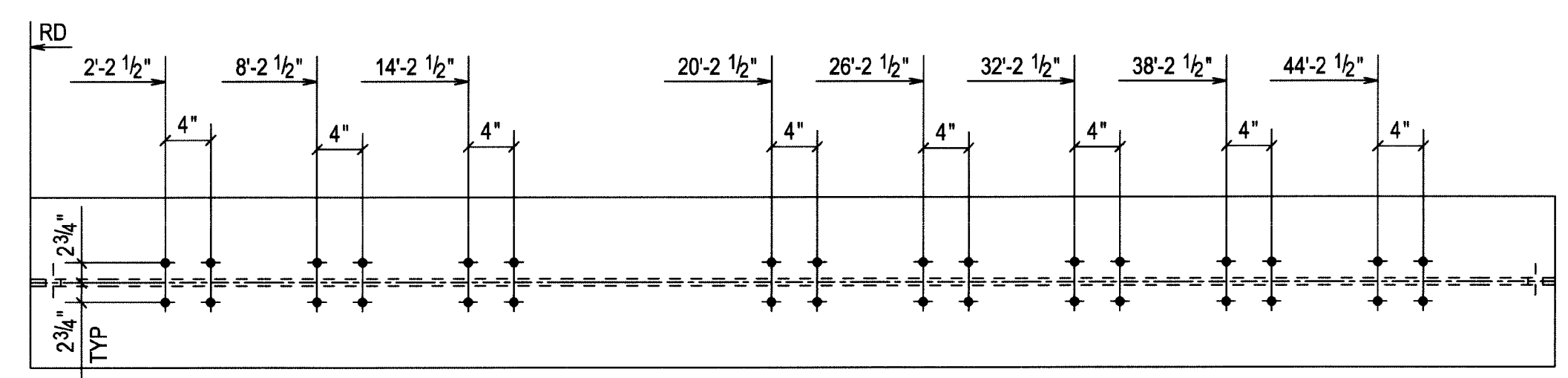
ONE - COLUMN - 211C1

2 - COLUMNS - 211C2

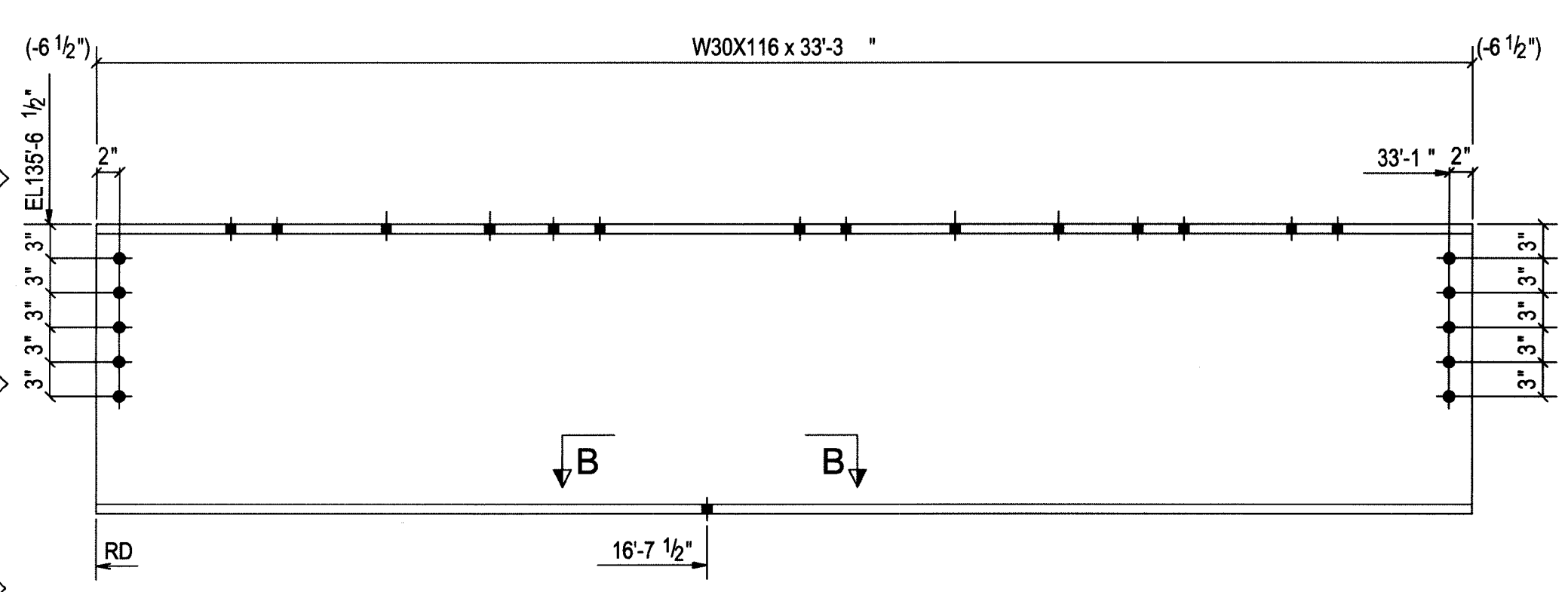
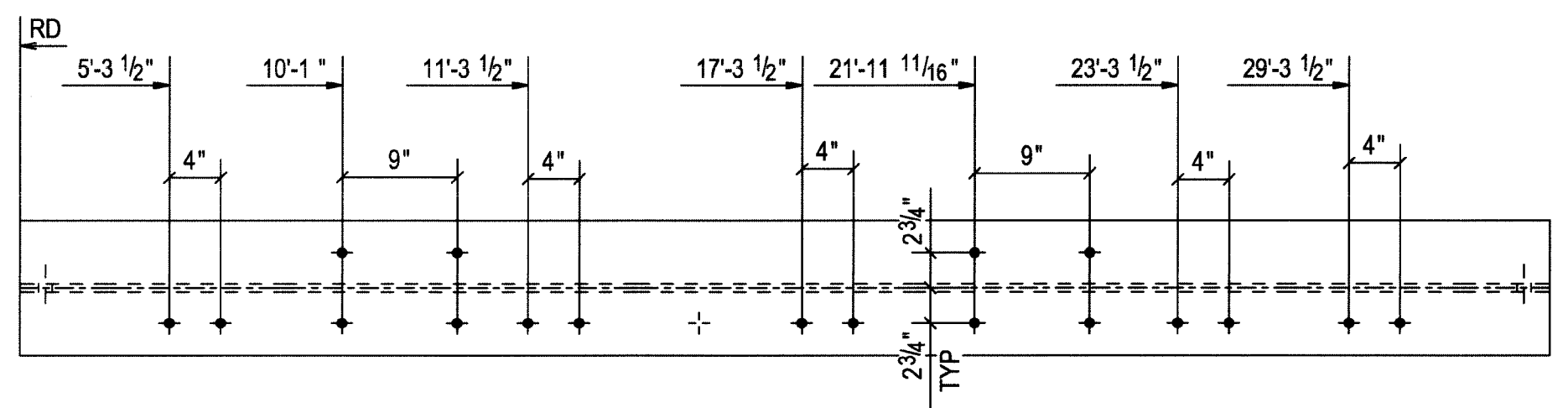
UNIT 'B'

Ref. Dwgs. E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #
Edge Dist.	Location: Indianapolis ,IN	06-612
Holes 13/16 Dia Holes U.N.O	Customer: I P S	
Cleaning SSPC# SP3	Contents: COLUMN	SHT. #
Weld E70XX	Drawn By: SIMI Chkd By: ARR	211
Paint One Coat Red Primer	Date: 06-18-07 In Shop:	

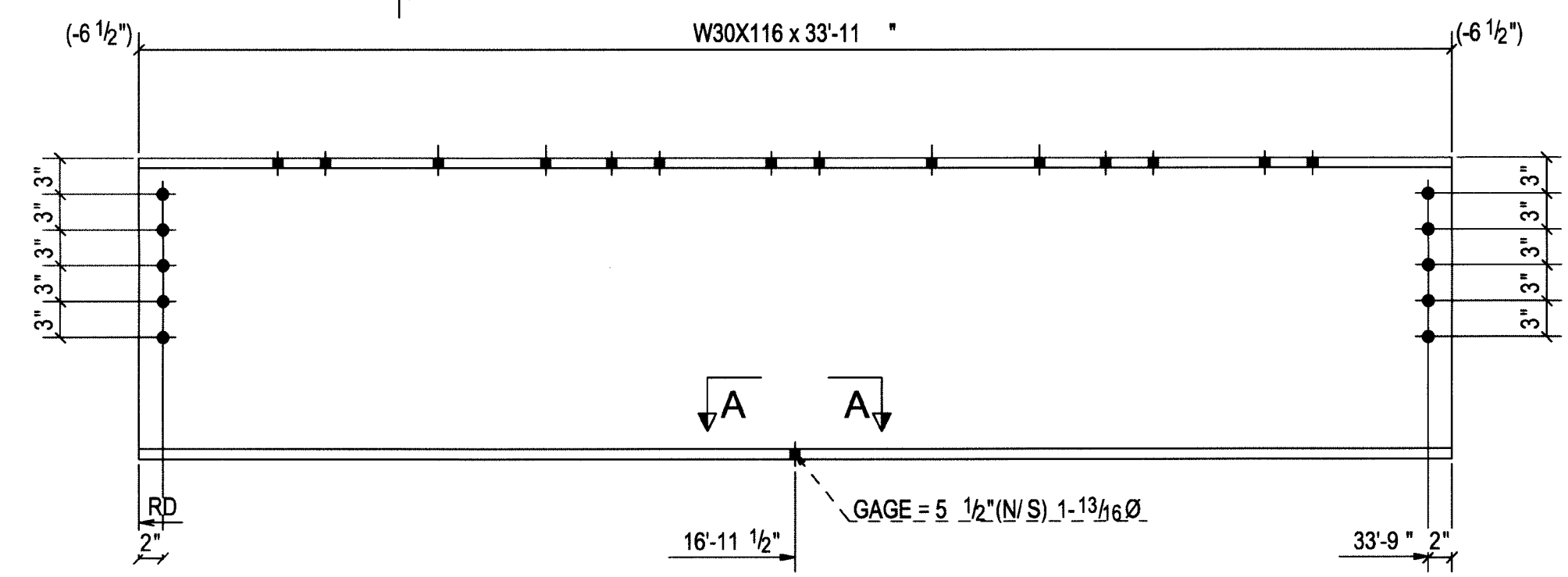
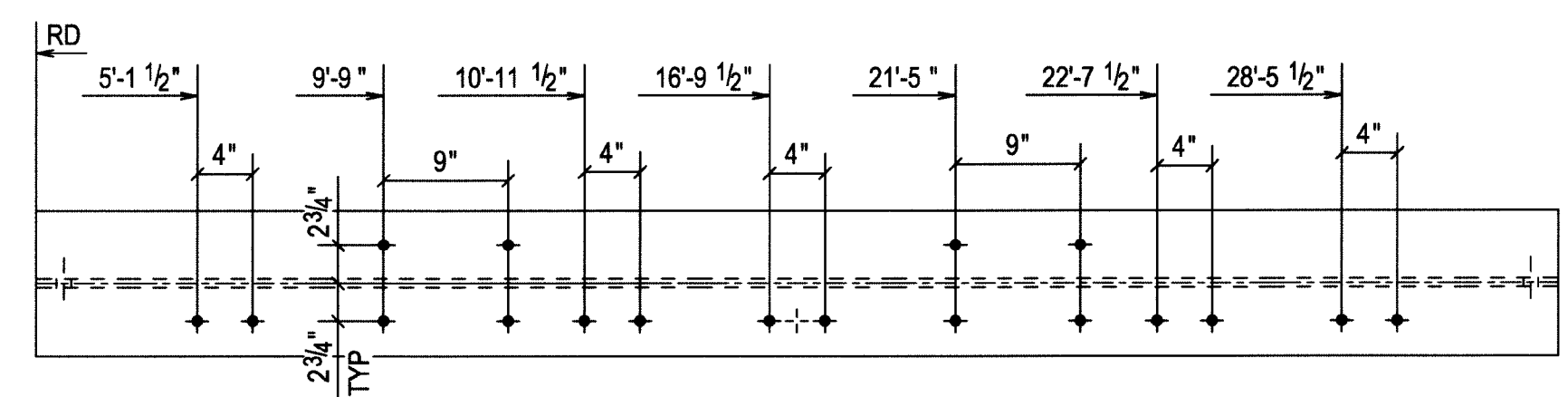
REV.	16JULY07	ISSUED FOR APPROVAL	To Shop
	Date:	Description:	



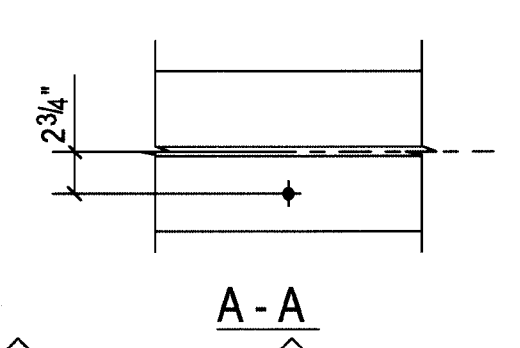
ONE - BEAM - 212B1



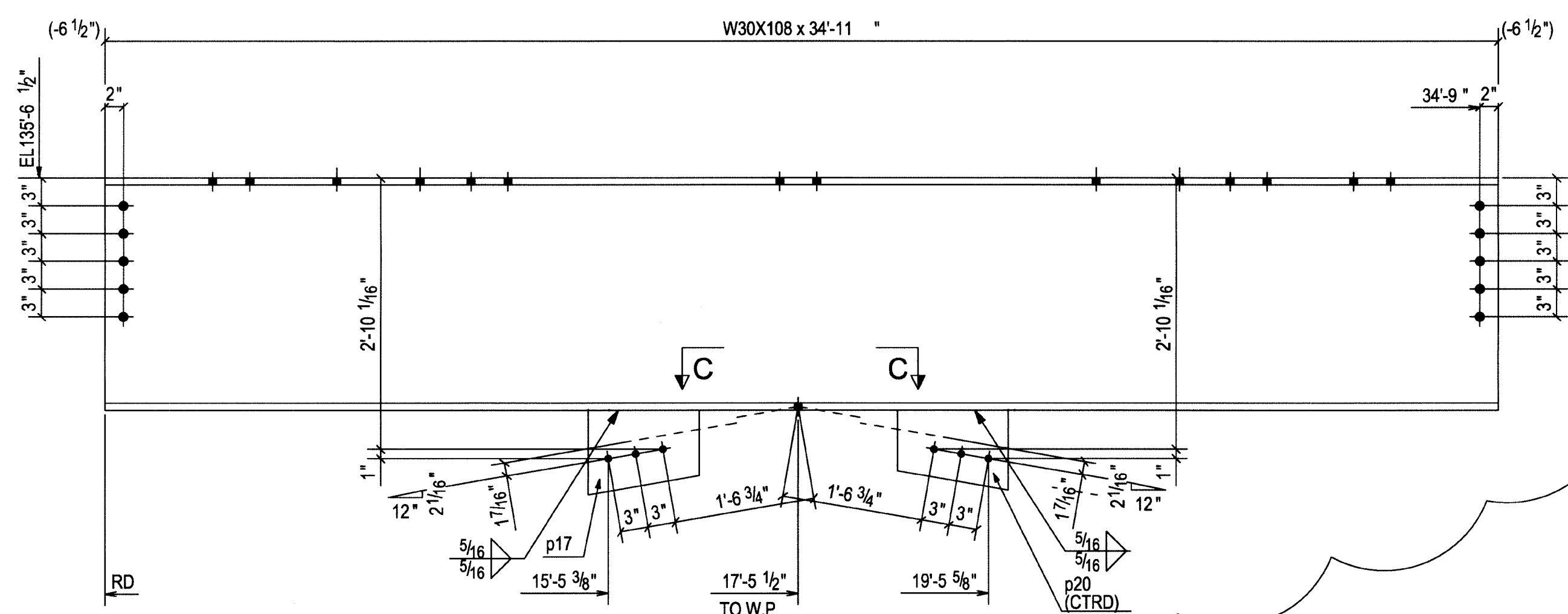
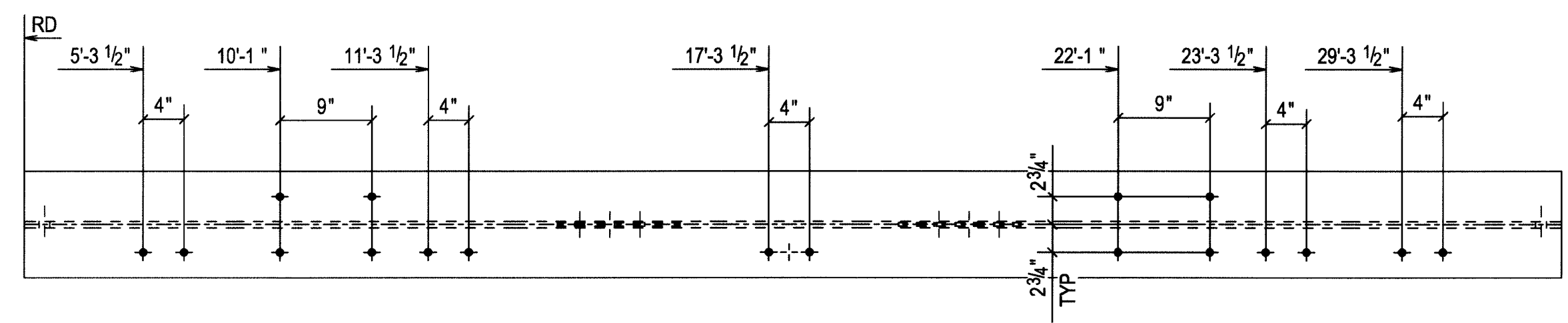
ONE - BEAM - 212B3



ONE - BEAM - 212B2



HOLD



ONE - BEAM - 212B4

BILL OF MATERIAL											
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.
					ft	in					
1	1	212B1	212B1	BEAM W30X173	45	9 7/8"		A992	7921.97		
		212B2	HOLD	BEAM W30X116	33	11"		A992	3947.53		
1	1	212B3	212B3	BEAM W30X116	33	3"		A992	3889.94		
		212B4	HOLD	BEAM W30X108	34	11"		A992	3786.85		
1	1	p17		PL3/8"X3 1/8"	1	0"		A36	11.63		
1	1	p20		PL3/8"X8 5/8"	1	0"		A36	10.99		

HOLD NOT PART OF PHASE #1

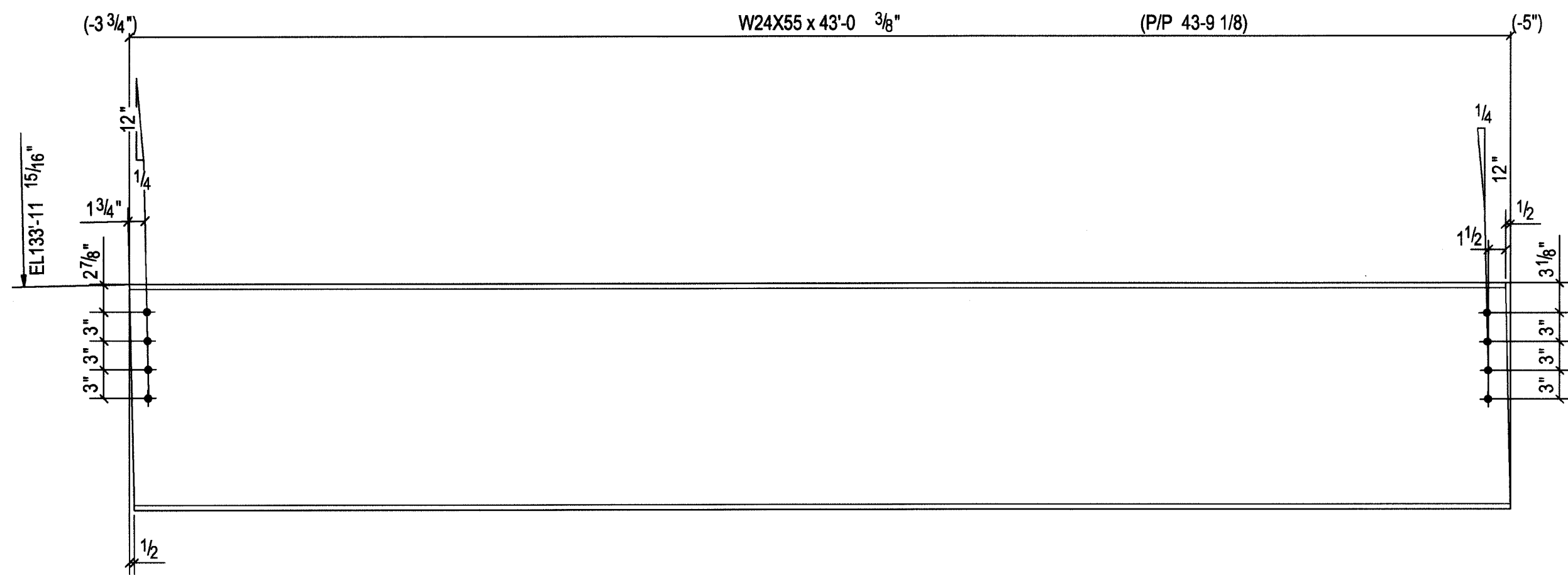
UNIT 'B'

Ref. Dwg.	E200, E201, E202 & E203
Material	A992 U.N.O
Edge Dist.	
Holes	13/16 Dia Holes U.N.O
Cleaning SSPC#	SP3
Weld E70XX	
Paint	One Coat Red Primer

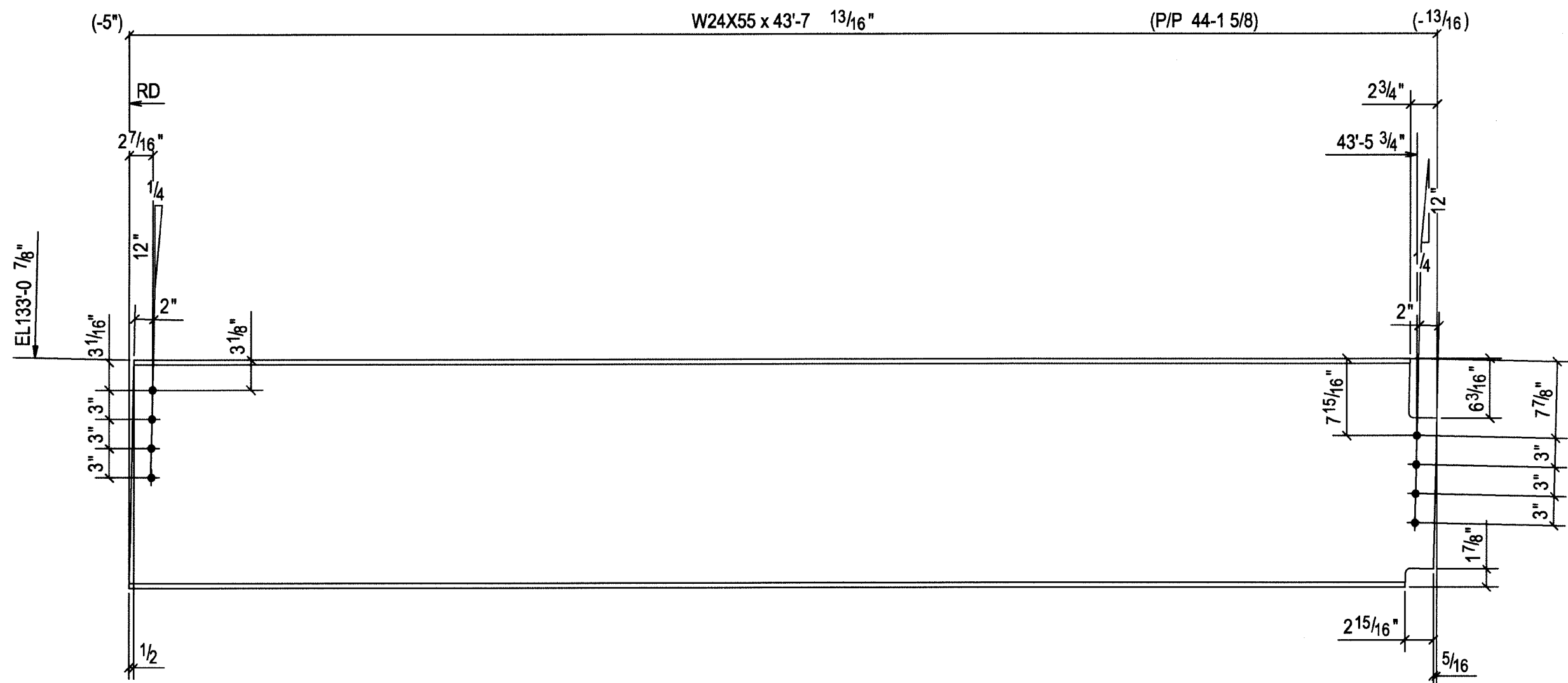
STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Structure:	LAWRENCE CENTRAL HIGH SCHOOL
Location:	Indianapolis ,IN
Customer:	I P S
Contents:	BEAM
Drawn By:	SIMI
Chkd By:	BJ
Date:	06-18-07
In Shop:	08AUG07
JOB #	06-612
SHT. #	212

I	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop

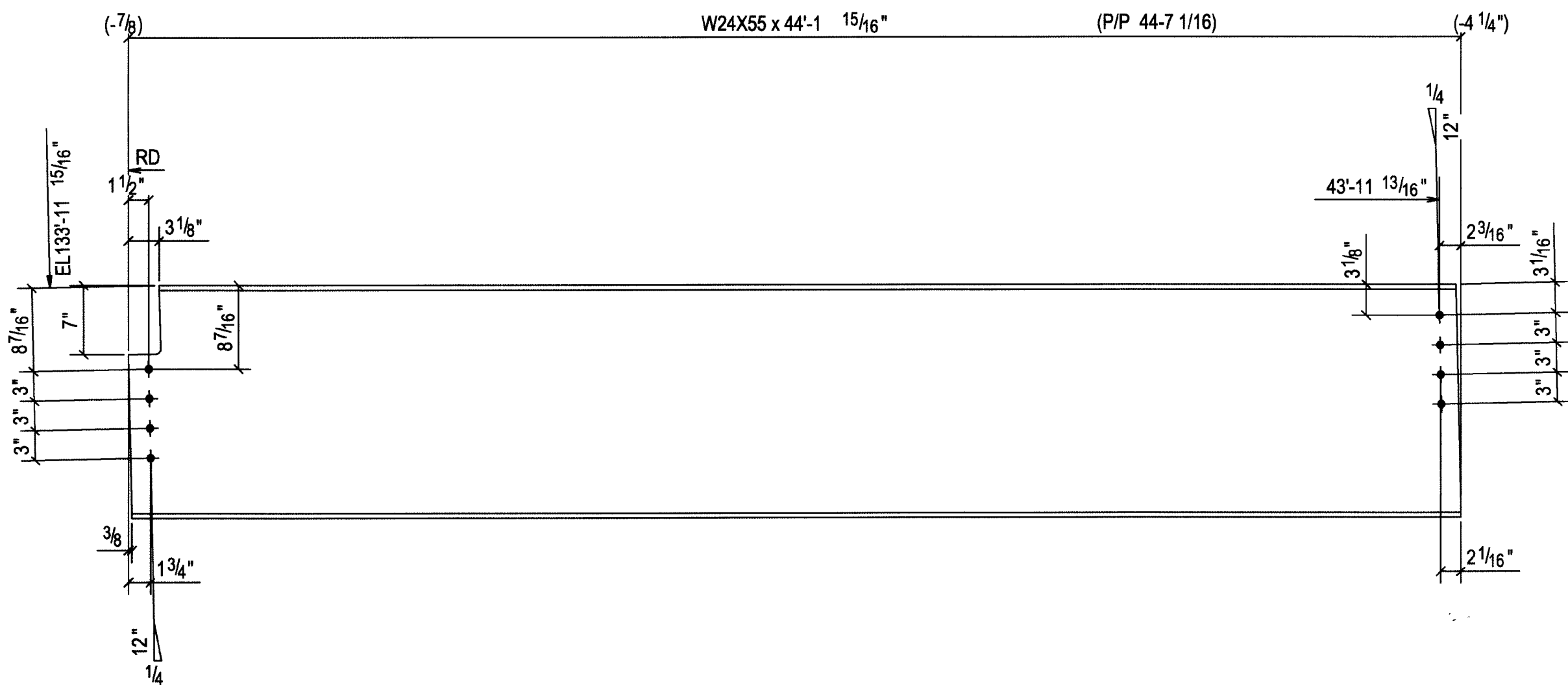
FOR FAB & FIELD USE 8-09-07



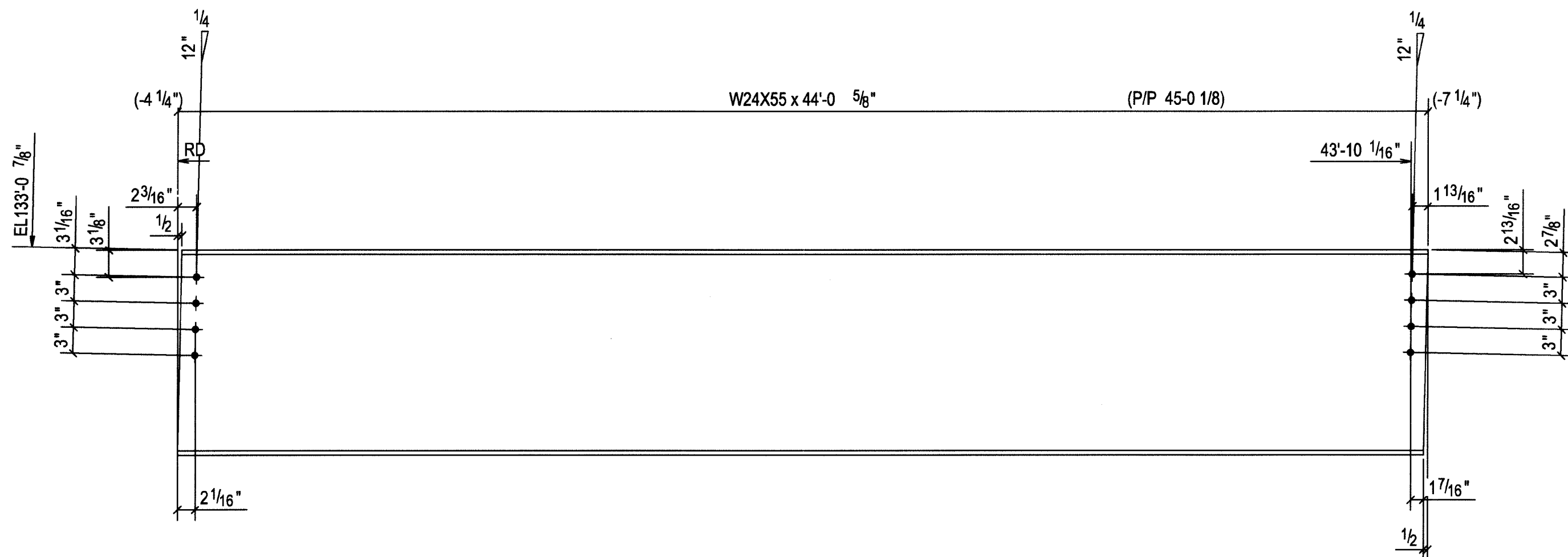
ONE - BEAM - 214B1



ONE - BEAM - 214B2



ONE - BEAM - 214B3



ONE - BEAM - 214B4

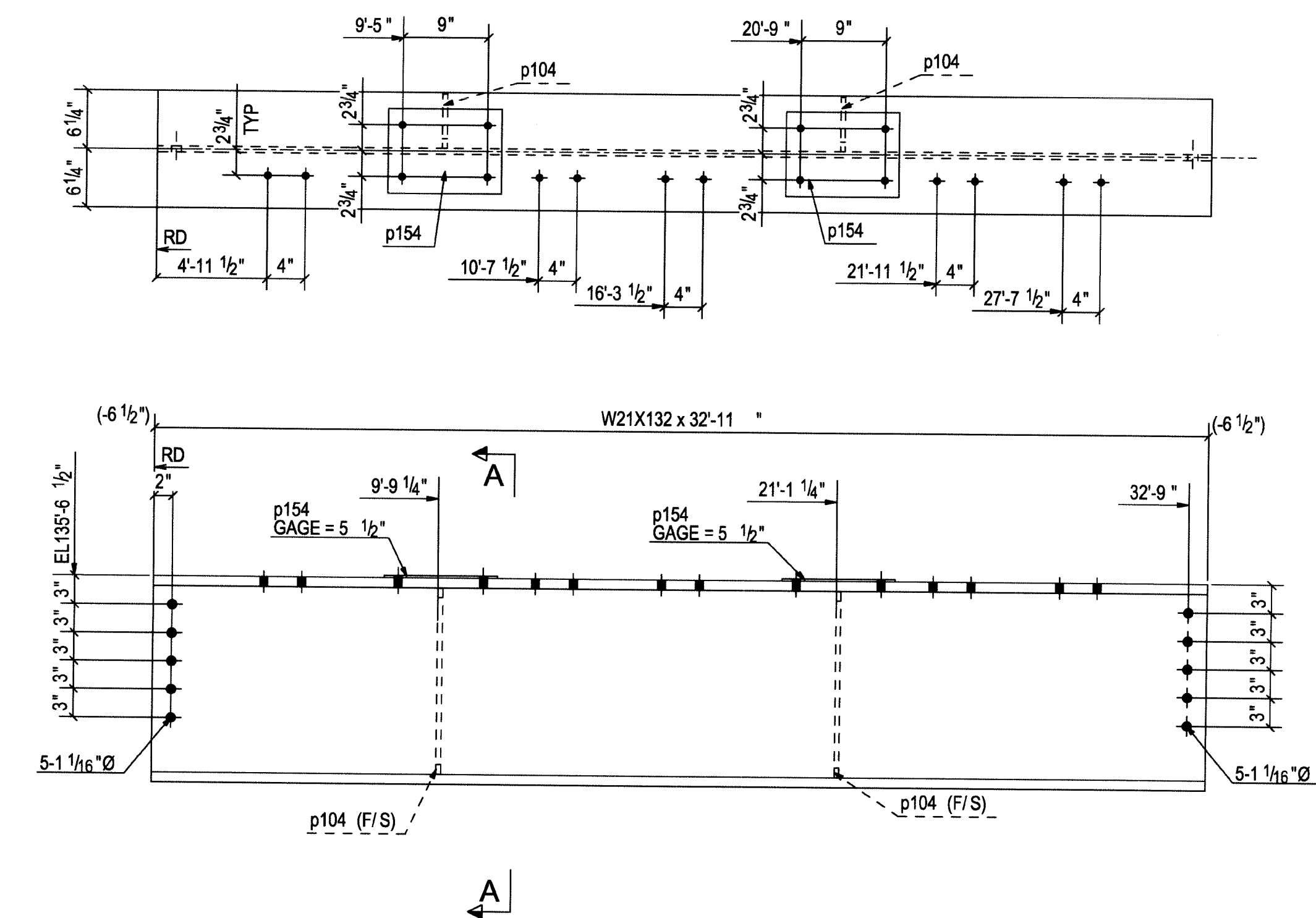
BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		214B1		BEAM								
1	1		214B1	W24X55	43	0 3/8"		A992	2376.98			
		214B2		BEAM								
1	1		214B2	W24X55	43	7 13/16"		A992	2411.10			
		214B3		BEAM								
1	1		214B3	W24X55	44	1 15/16"		A992	2434.83			
		214B4		BEAM								
1	1		214B4	W24X55	44	0 5/8"		A992	2430.88			

UNIT 'B'

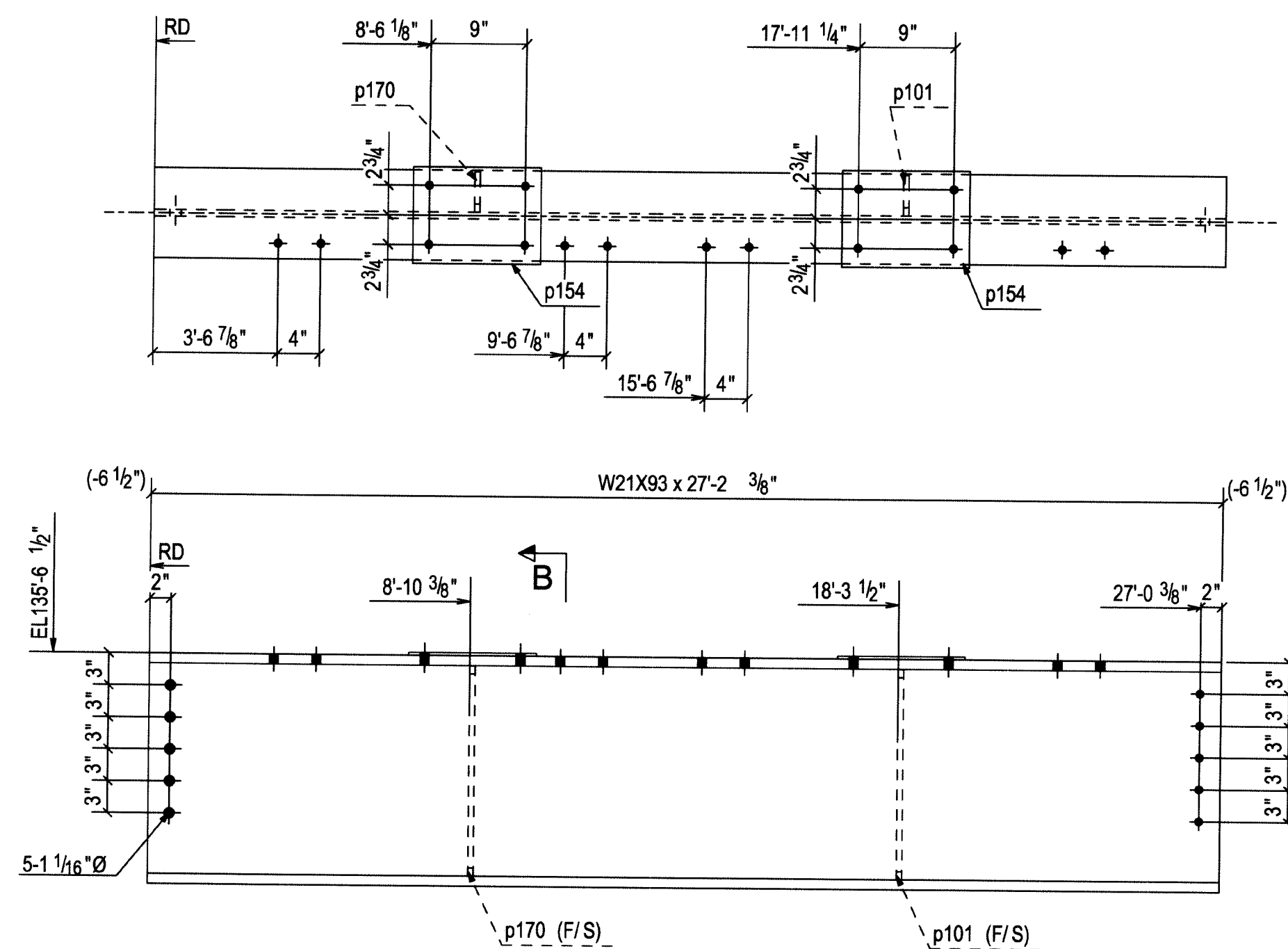
Ref. Dwgs. E200, E201, E202 & E203		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002		
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #		
Edge Dist. 13/16 Dia Holes U.N.O	Location: Indianapolis ,IN	06-612		
Holes 13/16 Dia Holes U.N.O	Customer: I P S	SHT. #		
Cleaning SSPC# SP3	Contents: BEAM	214		
Weld E70XX	Drawn By: SIMI Chkd By: BJ			
Paint One Coat Red Primer	Date: 06-18-07 In Shop: 08AUG07			

I	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop



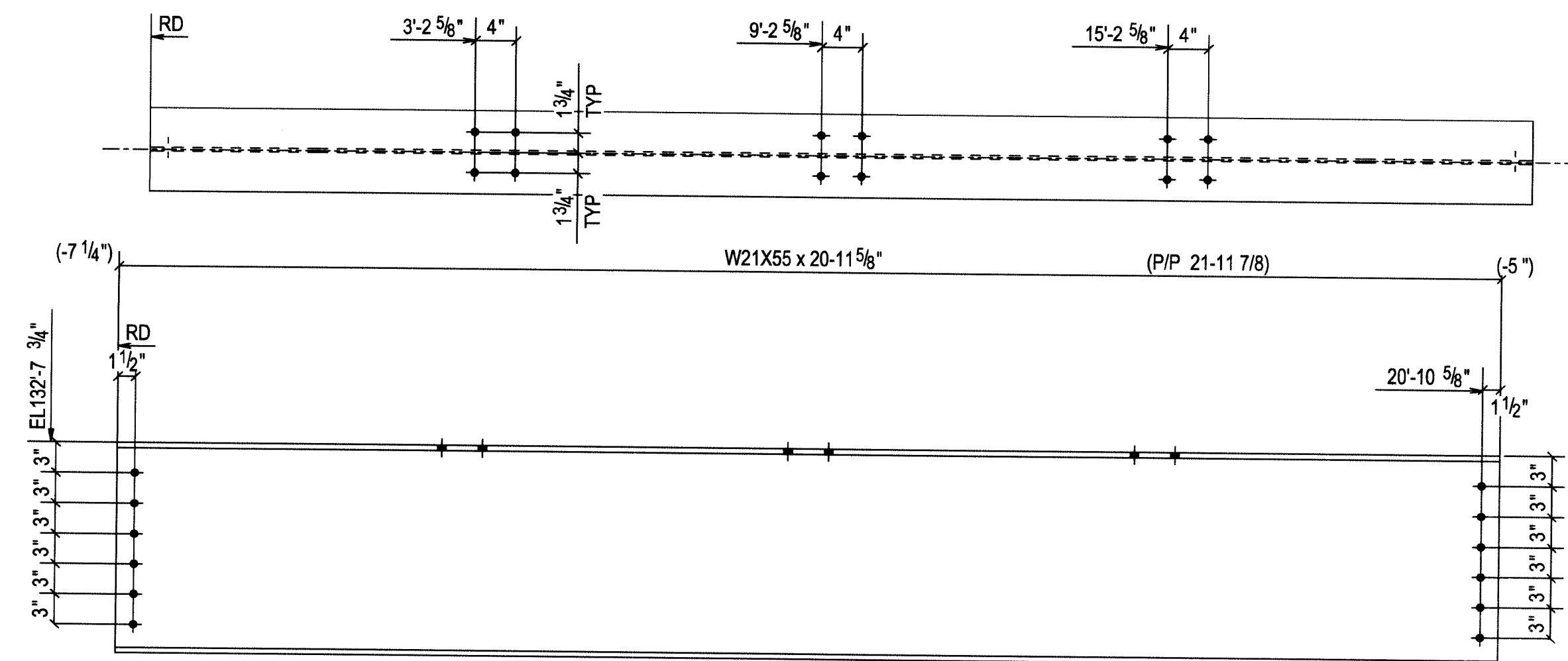
ONE - BEAM - 215B1

HOLD

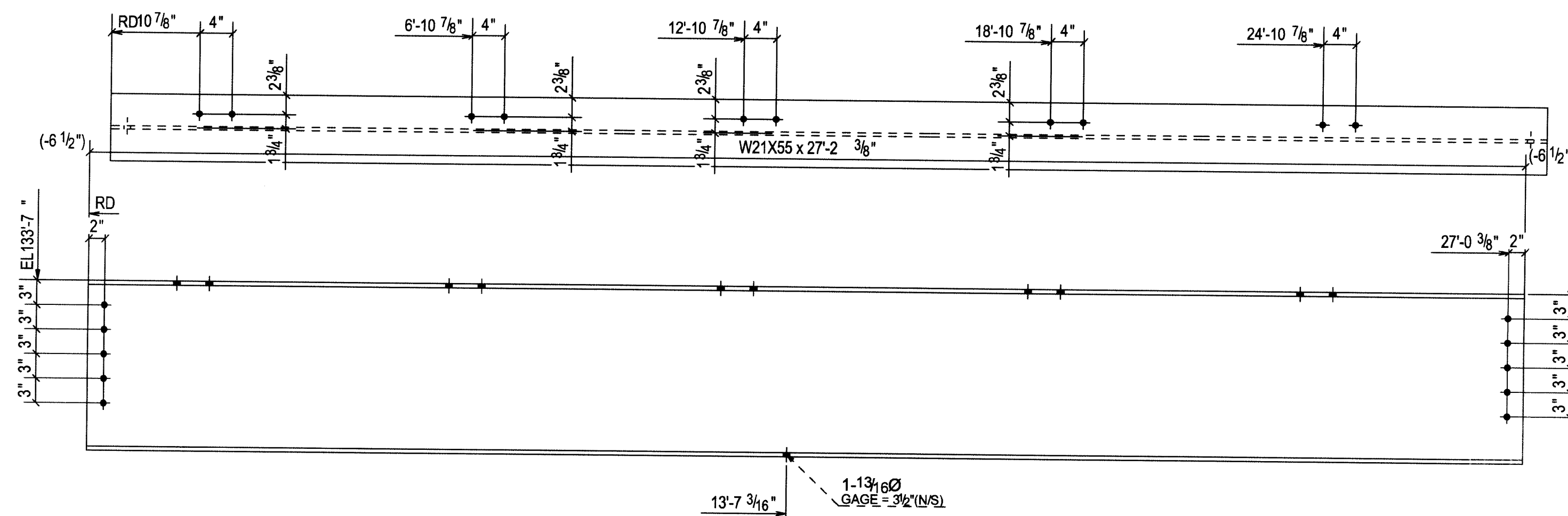


ONE - BEAM - 215B2

HOLD NOT PART
OF PHASE #1



ONE - BEAM - 215B3



ONE - BEAM - 215B4

BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Fl	In						
		215B1		HOLD BEAM								
1	1		215B1	W21X132	32	11"		A992	4346.45			
2	2		p104	PL1/2"X3 3/4"	1	7'11 1/8"		A36	32.15			
2	2		p154	PL1/4"X9"	0	12"		A36	15.31			
		215B2		HOLD BEAM								
1	1		215B2	W21X93	27	2'38"		A992	2526.88			
1	1		p101	PL1/2"X3 3/4"	1	7'11 1/8"		A36	10.48			
1	1		p170	PL1/2"X3 3/4"	1	7'11 1/8"		A36	10.48			
2	2		p154	PL1/4"X9"	0	12"		A36	15.31			
		215B3		BEAM								
1	1		215B3	W21X55	20	11'58"		A992	1164.86			
		215B4		HOLD BEAM								
1	1		215B4	W21X55	27	2'38"		A992	1506.41			

UNIT 'B'

Ref. Dwgs. E200, E201, E202 & E203

Material A992 U.N.O
Edge Dist.
Holes 13/16 Dia Holes U.N.O
Cleaning SSPC# SP3
Weld E70XX
Paint One Coat Red Primer

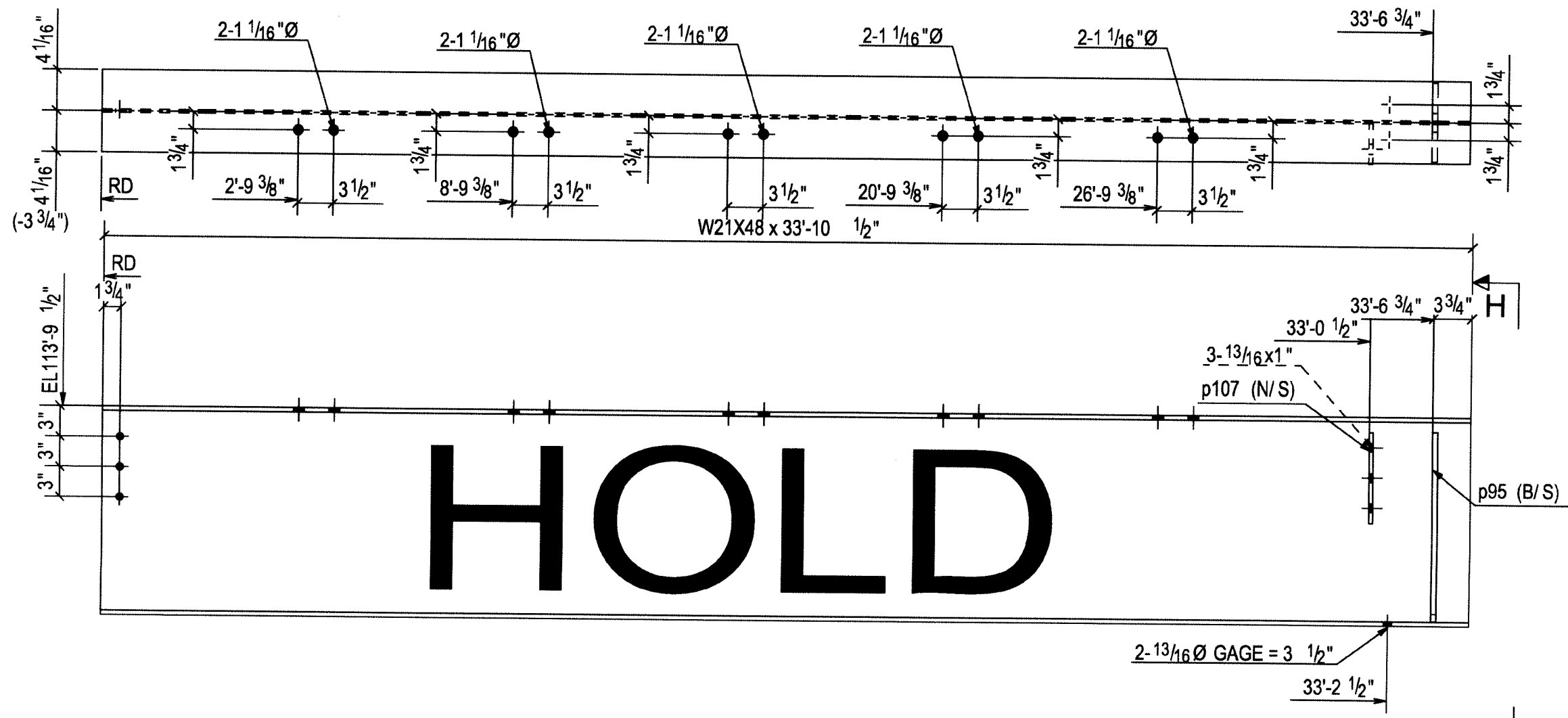
STONE CITY IRONWORKS, INC.
HIGHWAY 50 EAST
BEDFORD, INDIANA 47421
(812) 279-3023 FAX (812) 279-4002

Structure: LAWRENCE CENTRAL HIGH SCHOOL
Location: Indianapolis, IN
Customer: I P S
Contents: BEAM

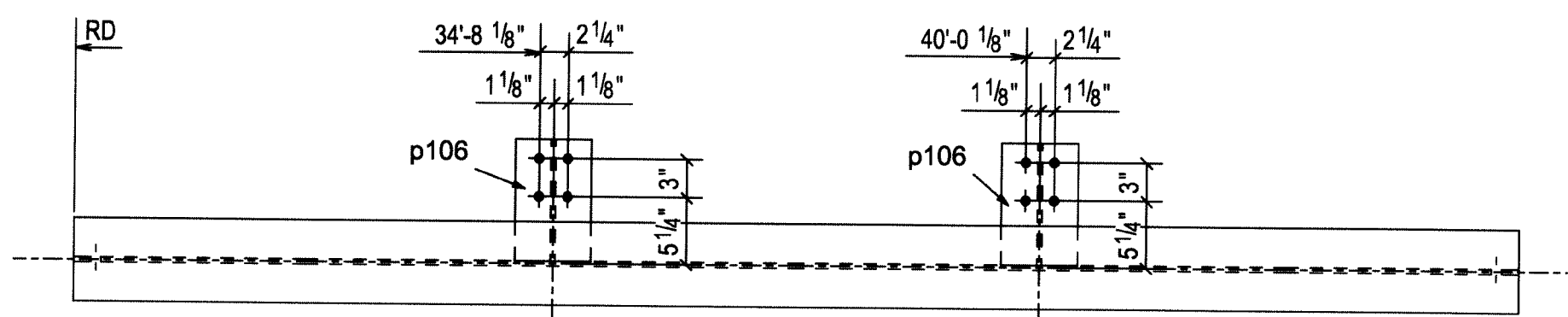
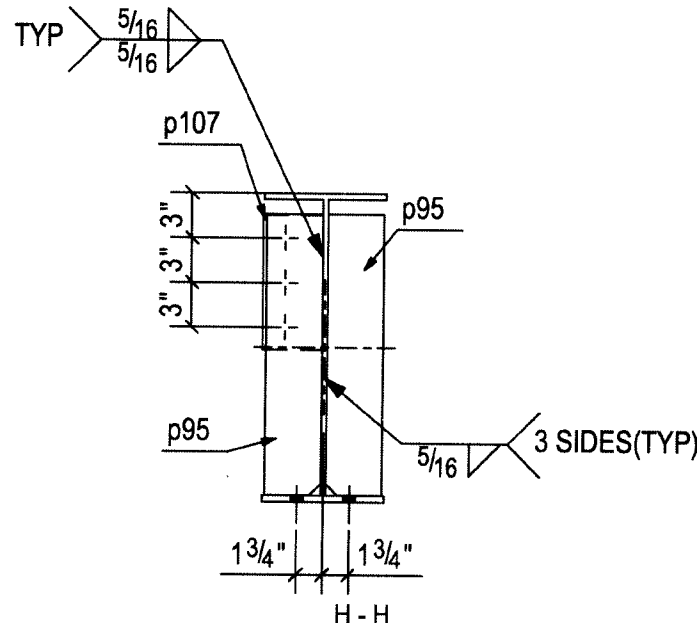
Drawn By: SIMI Chkd By: BJ
Date: 06-18-07 In Shop: 08AUG07

JOB #
06-612
SHT. #
215

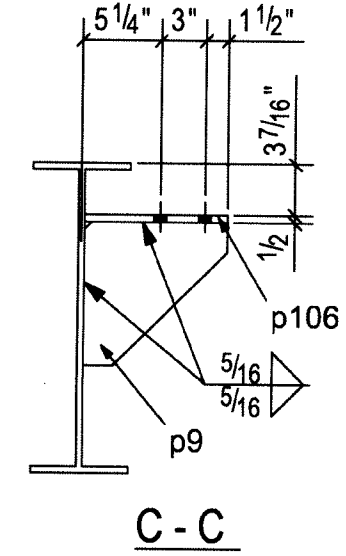
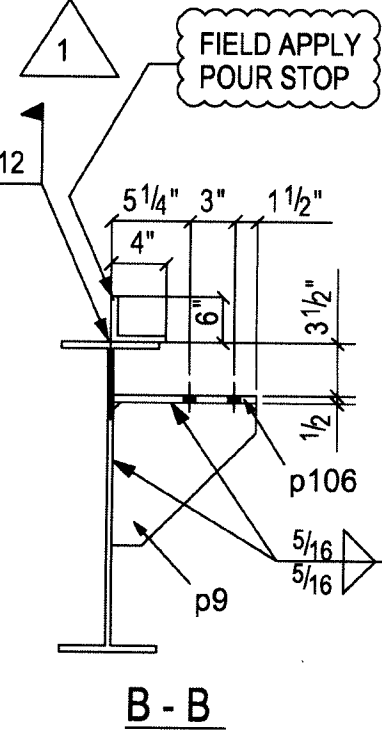
1	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop



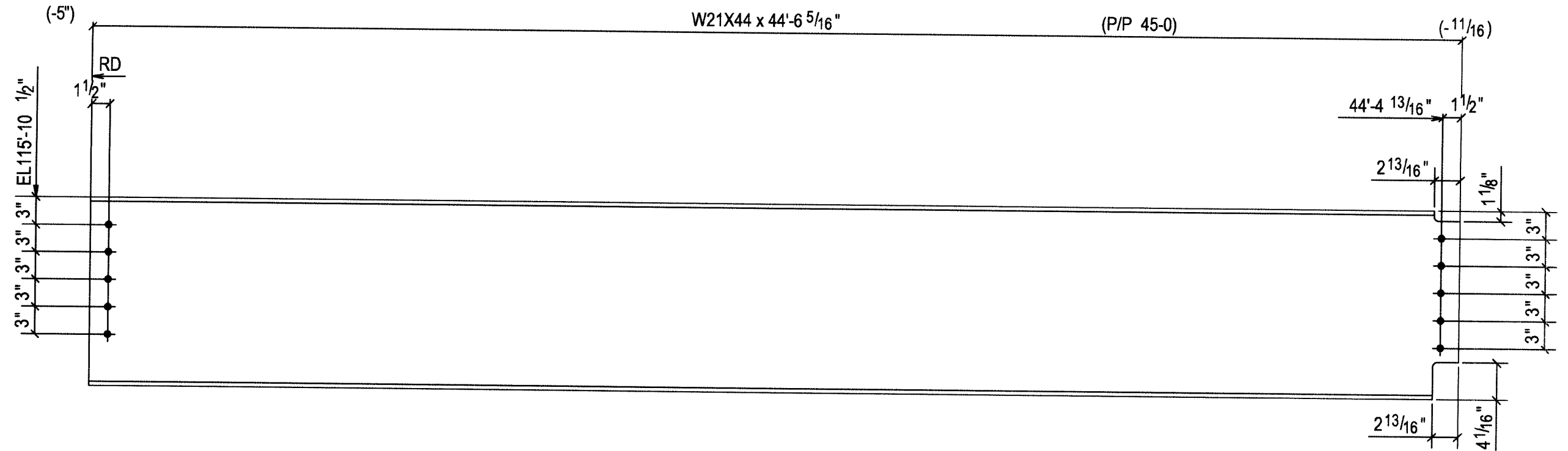
ONE - BEAM - 216B1



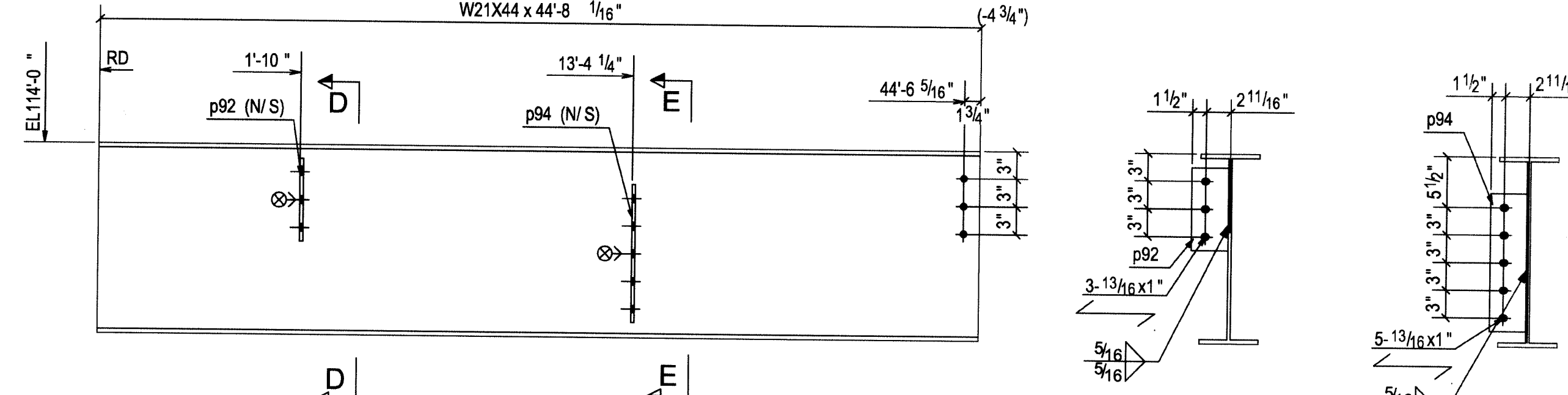
ONE - BEAM - 216B2



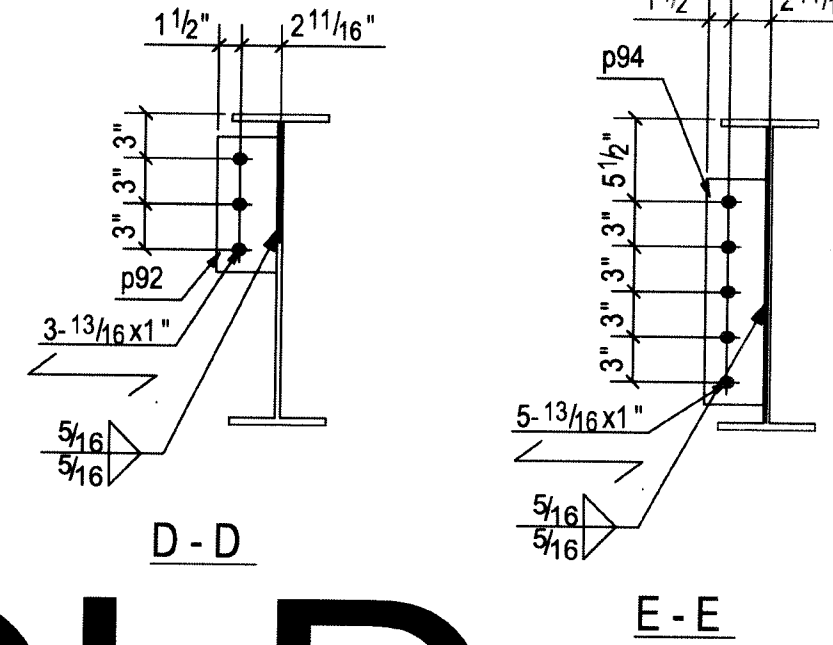
HOLD NOT PART OF PHASE #1



ONE - BEAM - 216B3



ONE - BEAM - 216B4



HOLD

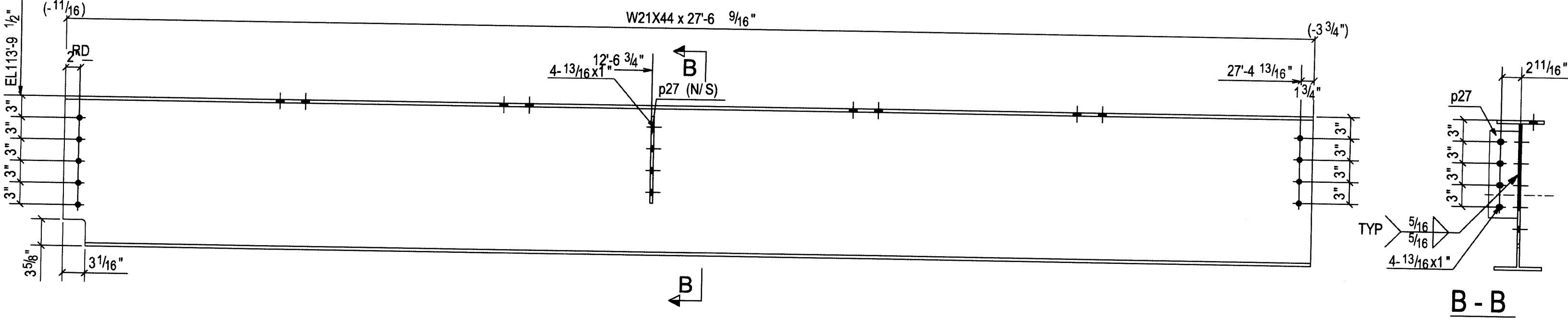
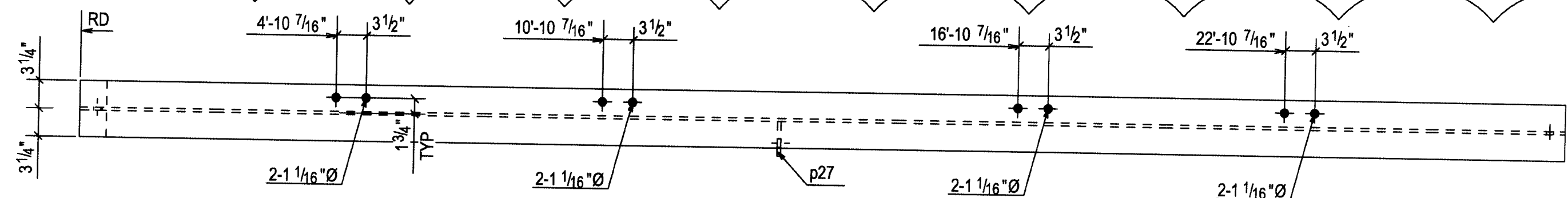
BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		216B1	HOLD	BEAM								
1	1		216B1	W21x55	33	10 1/2"		A992	1636.79			
1	1		p107	PL3/8"x3 1/2"	0	9'		A36	3.82			
2	2		p95	PL1/2"x3 1/8"	1	6 3/4"		A36	19.94			
		216B2		BEAM								
1	1		216B2	W21x44	43	11 3/4"		A992	1948.47			
2	2		p9	PL3/8"x9 9/16"	0	9 9/16"		A36	19.45			
2	2		p106	PL1/2"x9"	0	9 9/16"		A36	16.28			
1	1		bt216a	BIPL1/2"x9 1/2"	9	2 3/4"	BENT	A36				
		216B3		BEAM								
1	1		216B3	W21x44	44	6 5/16"		A992	1971.74			
		216B4	HOLD	BEAM								
1	1		216B4	W21x44	44	7'		A992	1976.35			
1	1		p92	PL3/8"x3 1/2"	0	9'		A36	3.82			
1	1		p94	PL3/8"x3 1/2"	1	3"		A36	6.36			

1	09OCT07	ADDED bt216a TO 216B2	
I	16JULY07	ISSUED FOR APPROVAL	
REV.	Date	Description	To Shop

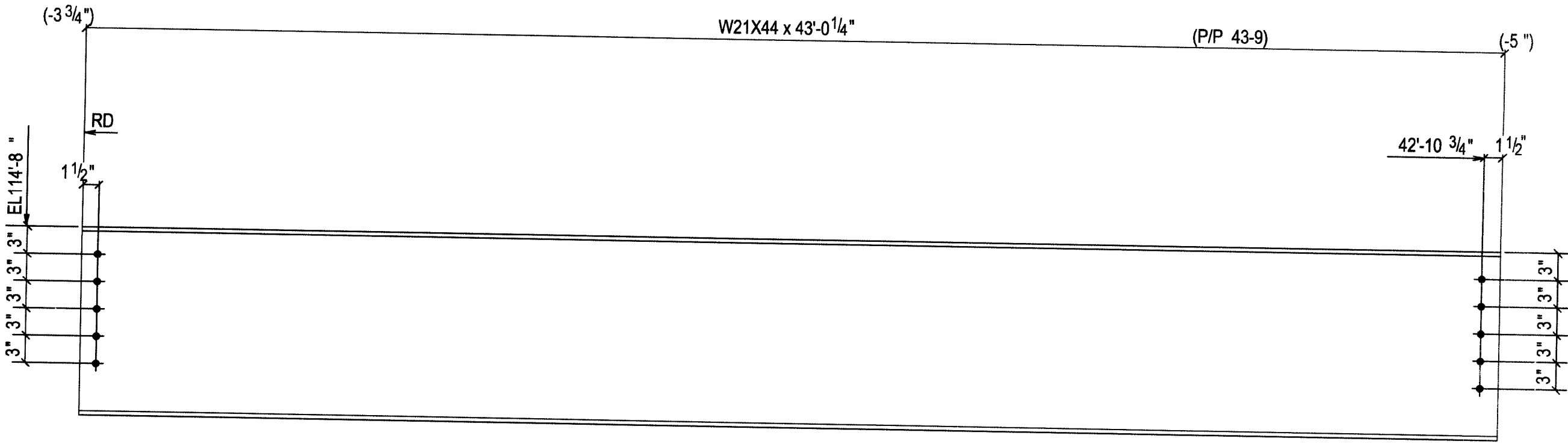
Ref. Dwg.	E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material	A992 U.N.O	Structure:	LAWRENCE CENTRAL HIGH SCHOOL
Edge Dist.		Location:	Indianapolis ,IN
Holes	13/16 Dia Holes U.N.O	Customer:	I P S
Cleaning SSPC#	SP3	Contents:	BEAM
Weld E70XX		Drawn By:	SIMI
Paint	One Coat Red Primer	Chkd By:	BJ
		Date:	06-18-07
		In Shop:	08AUG07

JOB #	06-612
SHT. #	216

BILL OF MATERIAL													
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq. No.	Seq. Qty	
					FT	IN							
		217B1		HOLD BEAM									
1	1	217B1		W21X44	27	6 9/16"		A992	1218.72				
1	1	p27		PL3/8"x3 1/2"	0	12"		A36	5.09				
		217B2		HOLD BEAM									
1	1	217B2		W21X44	43	0 1/4"		A992	1905.15				
		217B3		HOLD BEAM									
1	1	217B3		W18X40	34	2 5/8"		A992	1374.15				
5	5	p90		PL3/8"x3 1/2"	0	6"		A36	11.14				
		217B4		HOLD BEAM									
1	1	217B4		W18X35	22	5 1/4"		A992	789.42				

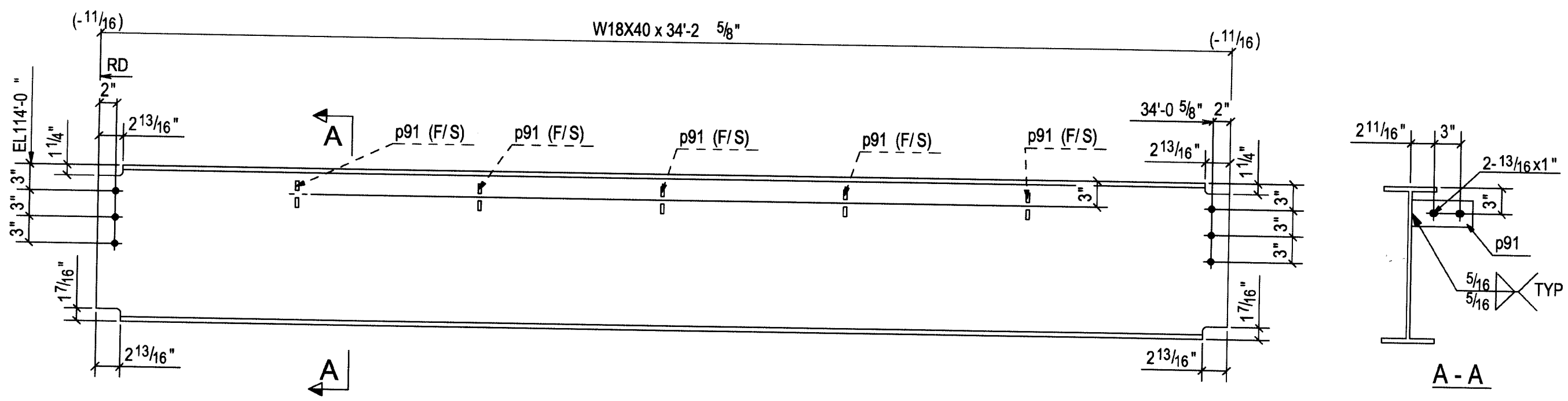
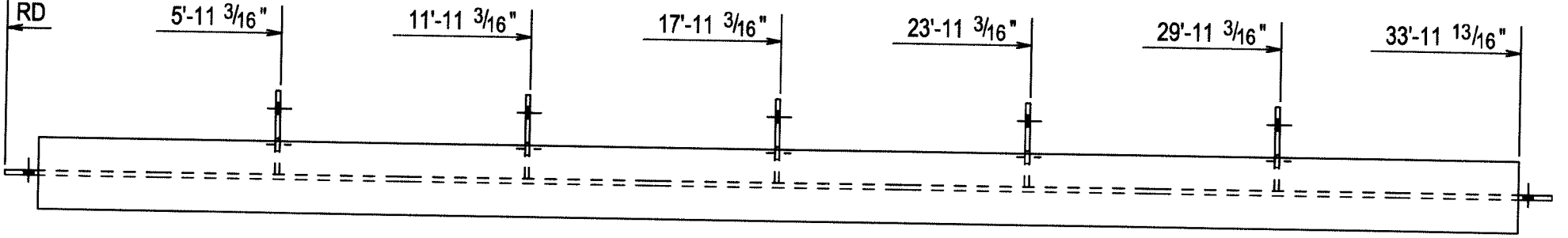


ONE - BEAM - 217B1

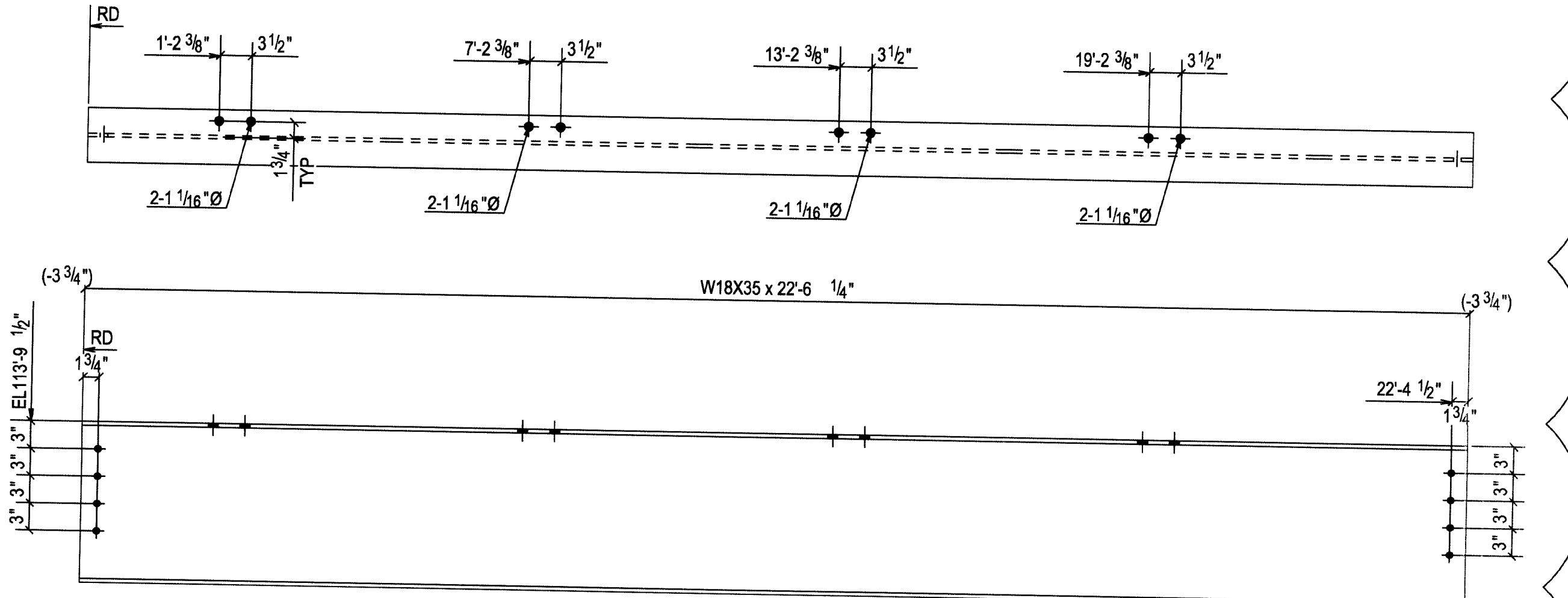


ONE - BEAM - 217B2

HOLD



ONE - BEAM - 217B3



ONE - BEAM - 217B4

HOLD NOT PART OF PHASE #1

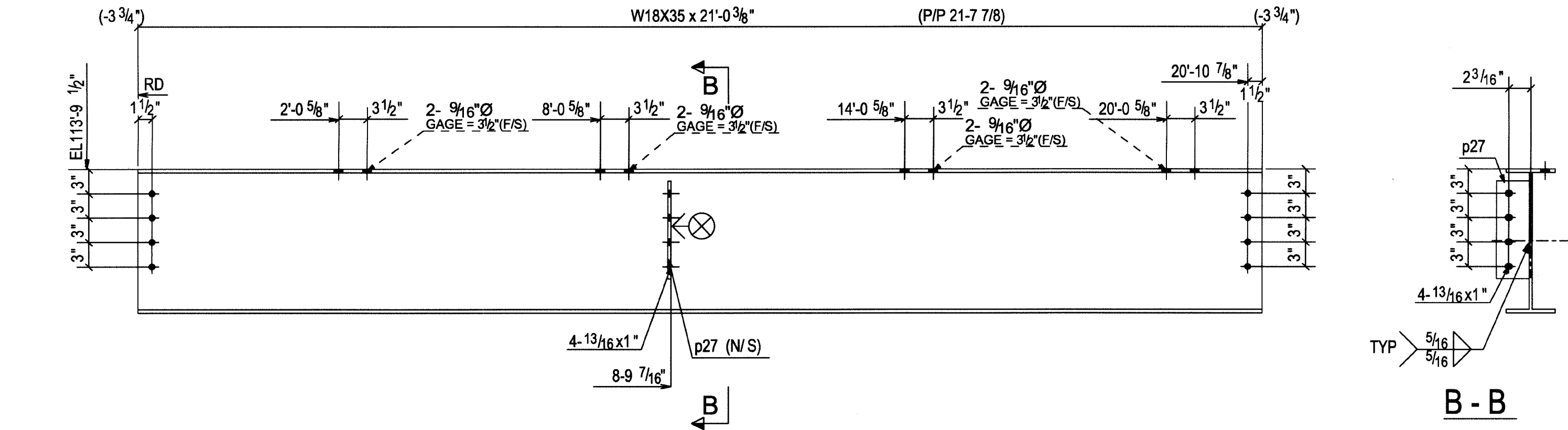
UNIT 'B'

REV.	Date:	Description:	To Shop
I	16JULY07	ISSUED FOR APPROVAL	

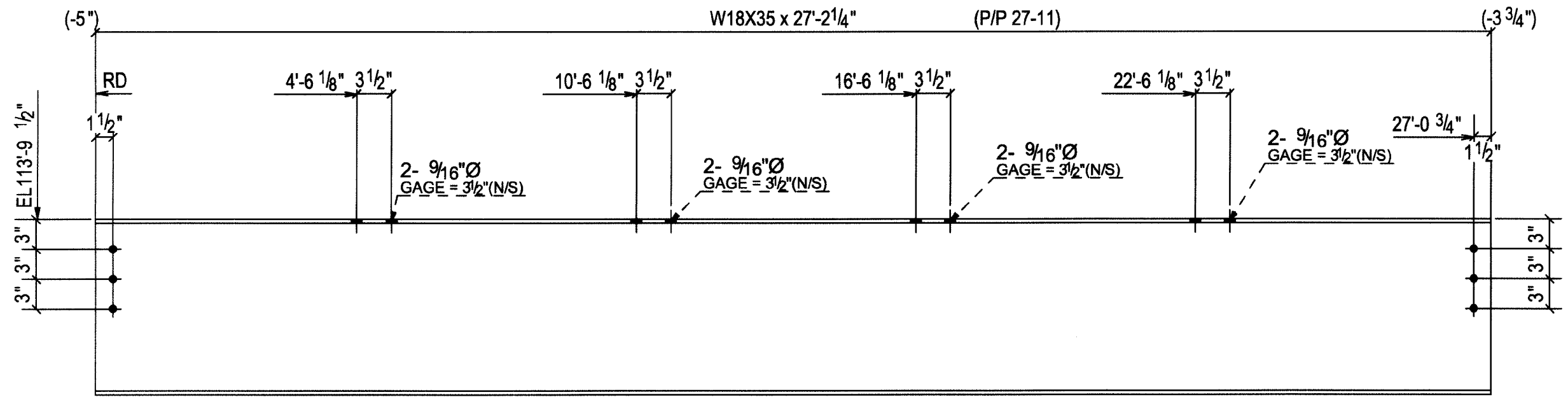
Ref. Dwg.	E200, E201, E202 & E203
Material	A992 U.N.O
Edge Dist.	
Holes	13/16 Dia Holes U.N.O
Cleaning SSPC#	SP3
Weld E70XX	
Paint	One Coat Red Primer

STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002			
Structure:	LAWRENCE CENTRAL HIGH SCHOOL	JOB #	06-612
Location:	Indianapolis, IN	Customer:	I P S
Contents:	BEAM	SHT. #	217
Drawn By:	SIMI	Chkd By:	BJ
Date:	06-18-07	In Shop:	08AUG07

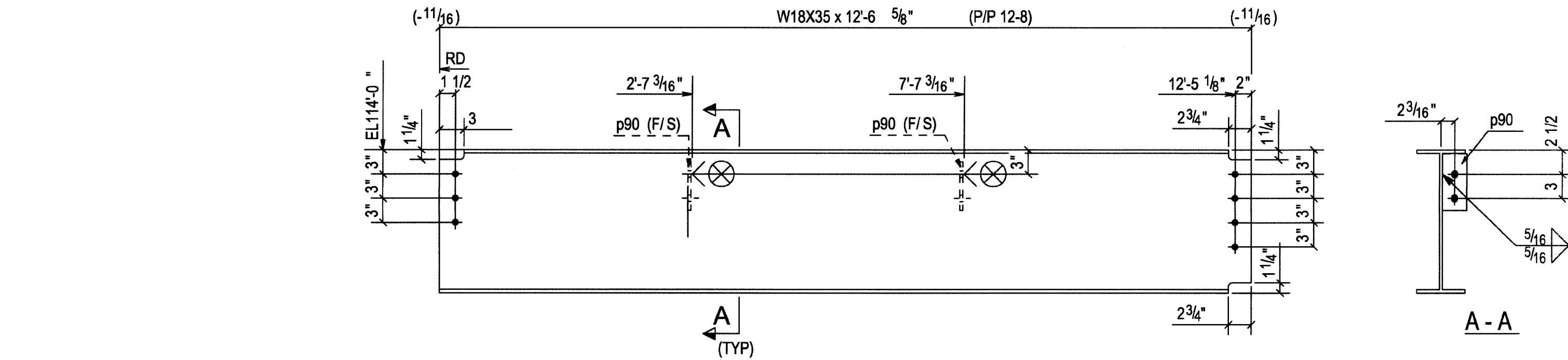
BILL OF MATERIAL													
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty	
					Ft	In							
		218B1		BEAM									
1	1		218B1	W18X35	21	0.38		A992	737.21				
1	1		p27	PL3/8"x3 1/2"	0	12"		A36	5.09				
		218B2		BEAM									
1	1		218B2	W18X35	27	2.14"		A992	953.73				
		218B3		BEAM									
1	1		218B3	W18X35	21	10.12"		A992	765.32				
1	1		p27	PL3/8"x3 1/2"	0	12"		A36	5.09				
		218B4		BEAM									
1	1		218B4	W18X35	12	6.58"		A992	439.99				
2	2		p80	PL3/8"x3 1/2"	0	6"		A36	4.45				



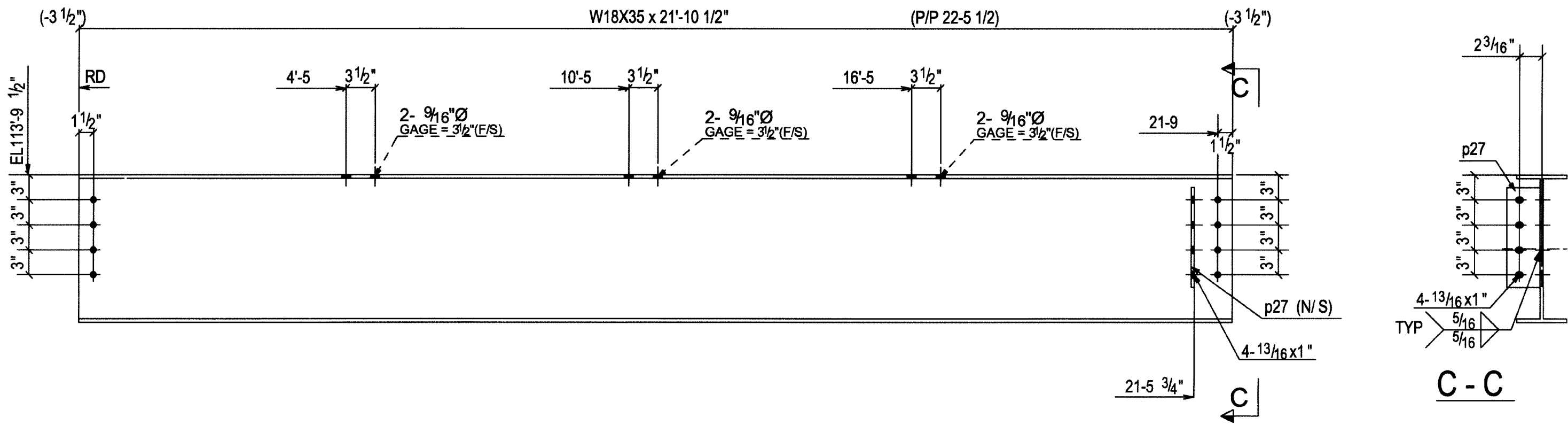
ONE - BEAM - 218B1



ONE - BEAM - 218B2



ONE - BEAM - 218B4



ONE - BEAM - 218B3

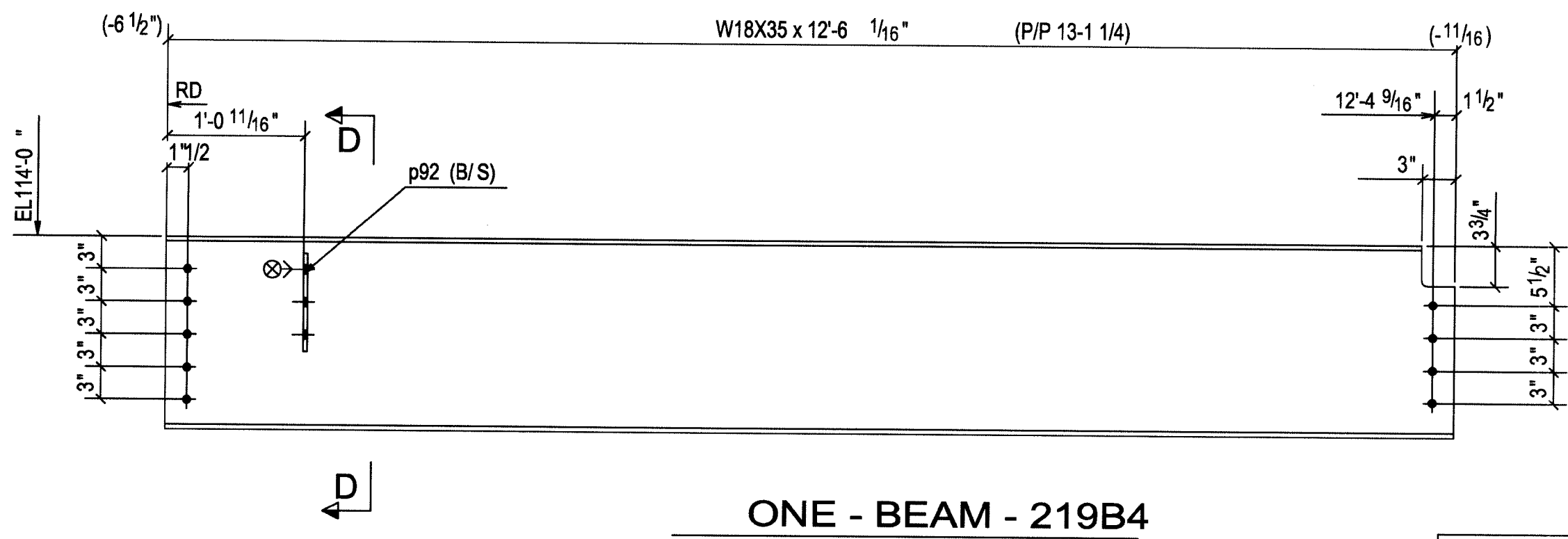
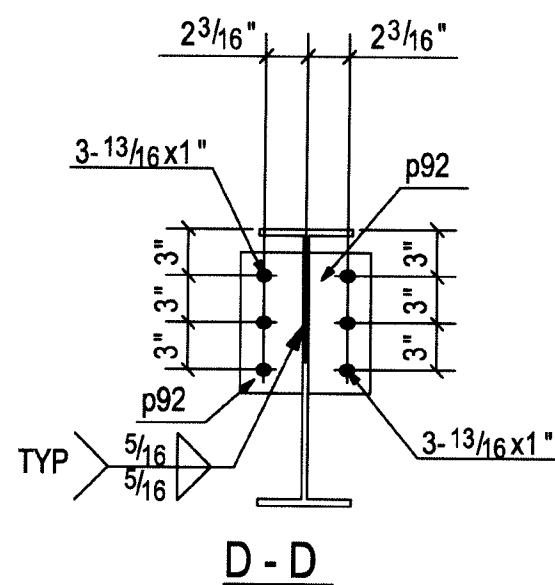
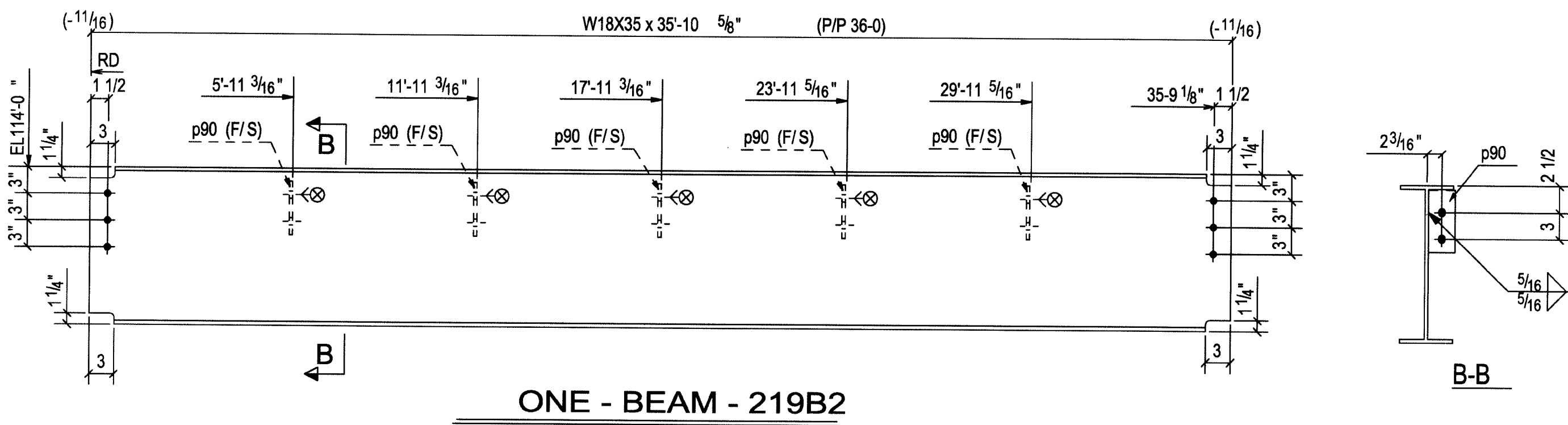
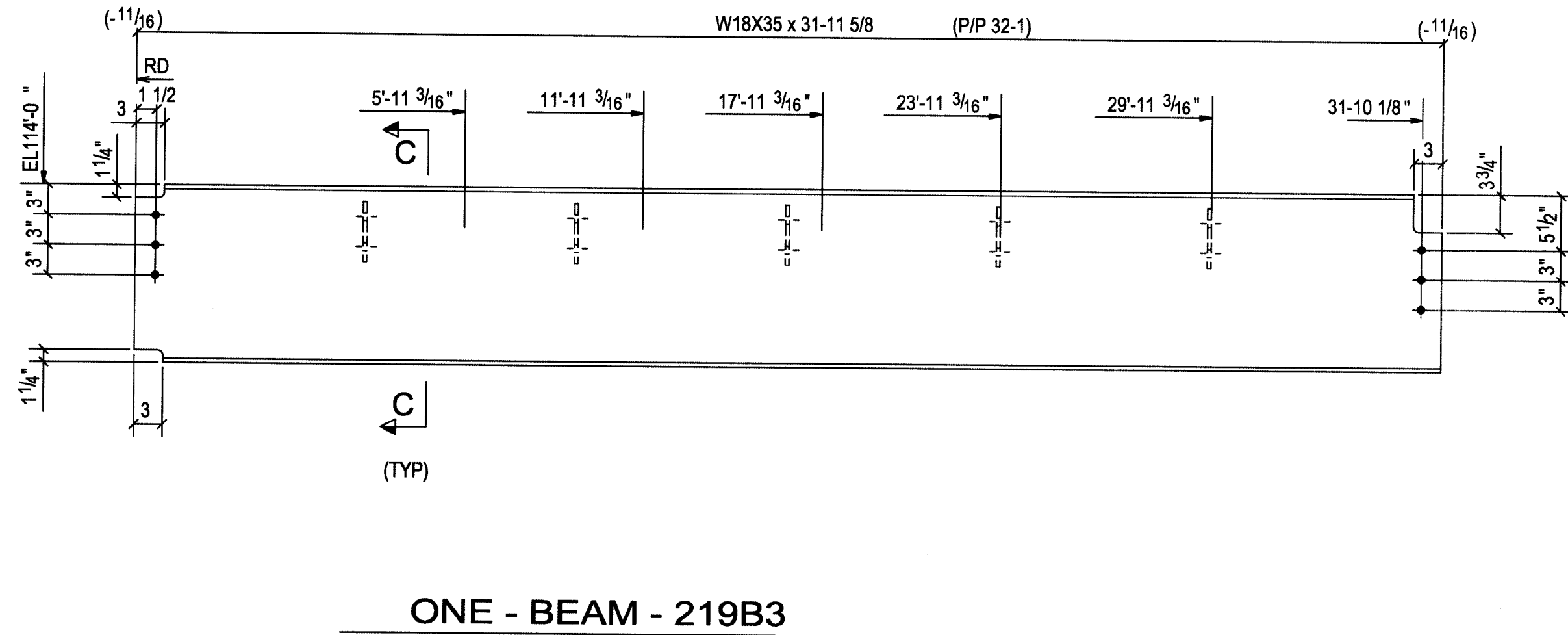
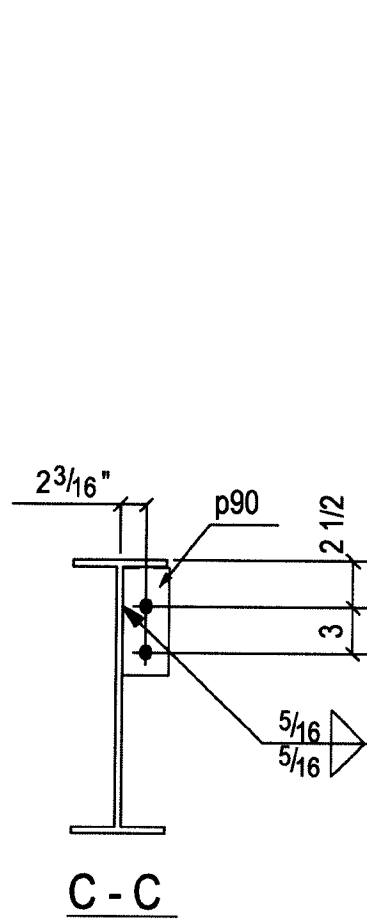
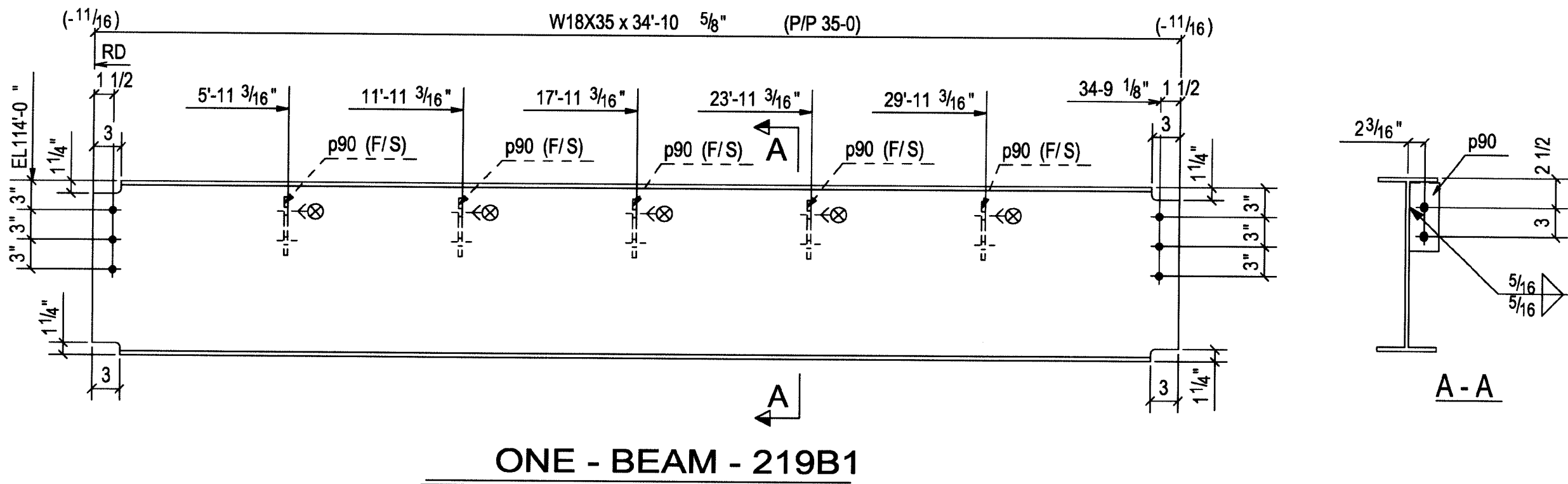
UNIT 'B'

REV.	Date:	Description:	To Shop
I	16JULY07	ISSUED FOR APPROVAL	

Ref. Dwg.	E200, E201, E202 & E203
Material	A992 U.N.O
Edge Dist.	13/16 Dia Holes U.N.O
Holes	SP3
Cleaning SSPC#	SP3
Weld E70XX	
Paint	One Coat Red Primer

STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002			
Structure:	LAWRENCE CENTRAL HIGH SCHOOL	JOB #	06-612
Location:	Indianapolis ,IN	Customer:	I P S
Contents:	BEAM	SHT. #	218
Drawn By:	SIMI	Chkd By:	BJ
Date:	06-18-07	In Shop:	

BILL OF MATERIAL													
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty	
					FT	IN							
		219B1		BEAM									
1	1		219B1	W18X35	34	10 5/8"		A992	1222.83				
5	5		p90	PL3/8"X3 1/2	0	6"		A36	11.14				
		219B2		BEAM									
1	1		219B2	W18X35	35	10 5/8"		A992	1257.89				
5	5		p90	PL3/8"X3 1/2	0	6"		A36	11.14				
		219B3		BEAM									
1	1		219B3	W18X35	31	11 5/8"		A992	1130.46				
5	5		p90	PL3/8"X3 1/2	0	6"		A36	11.14				
		219B4		BEAM									
1	1		219B4	W18X35	12	6 1/8"		A992	438.34				
2	2		p92	PL3/8"X3 1/2	0	9"		A36	7.64				



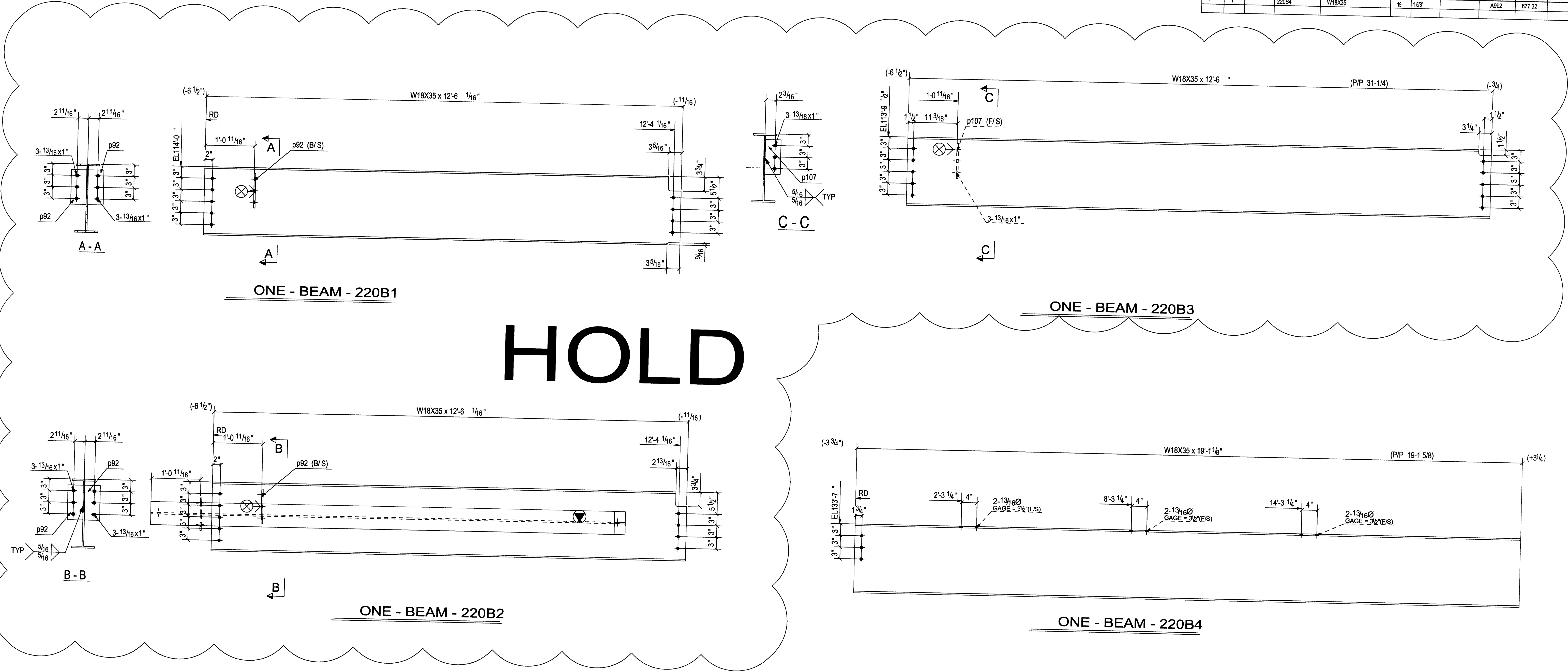
UNIT 'B'

1	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop

Ref. Dwgs.	E200, E201, E202 & E203
Material	A992 U.N.O
Edge Dist.	
Holes	13/16 Dia Holes U.N.O
Cleaning SSPC#	SP3
Weld E70XX	
Paint	One Coat Red Primer

STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002			
Structure:	LAWRENCE CENTRAL HIGH SCHOOL	JOB #	
Location:	Indianapolis ,IN		06-612
Customer:	I P S		
Contents:	BEAM		
Drawn By:	SIMI	Chkd By:	BJ
Date:	06-18-07	In Shop:	
		SHT. #	219

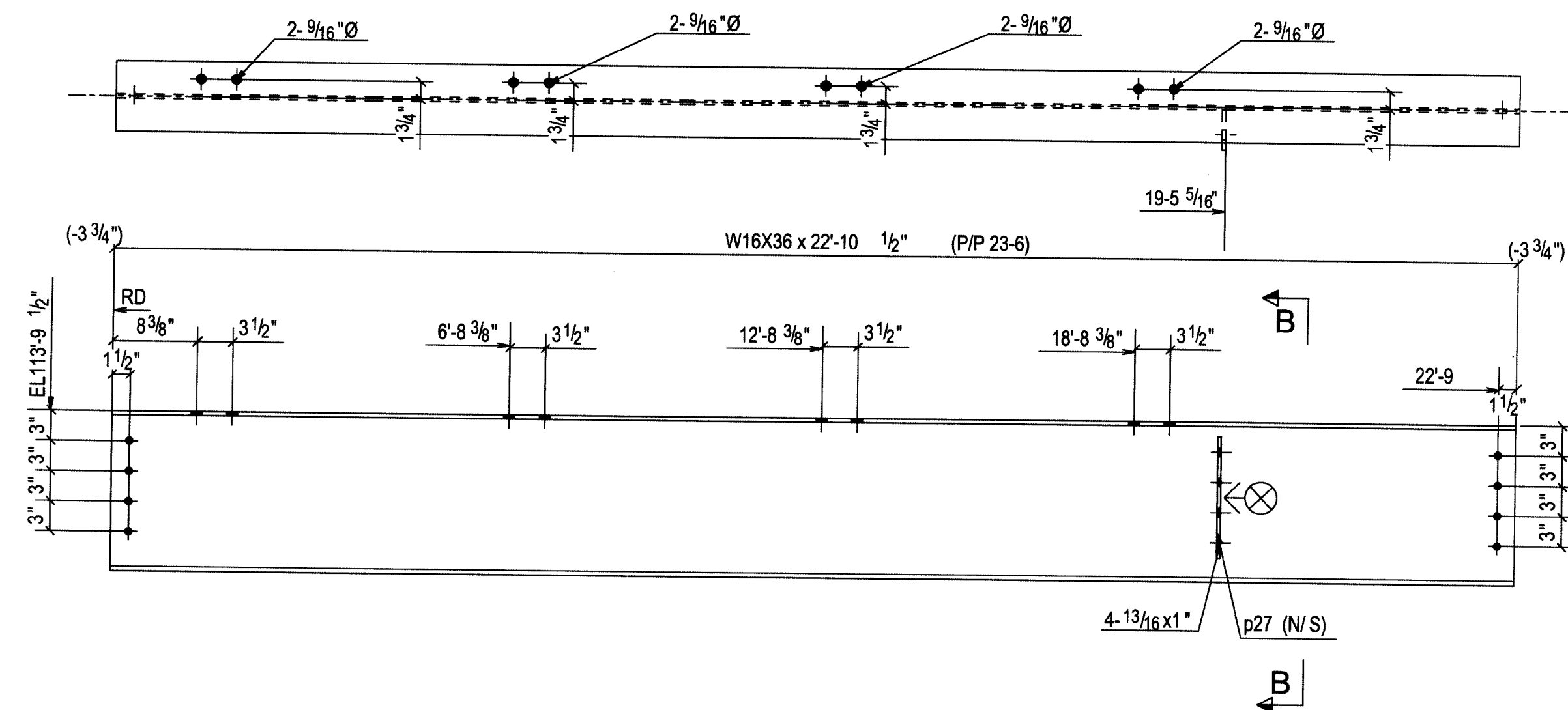
BILL OF MATERIAL													
Unit	Total	Piece	Minor	Description	Length		Remarks	Grade	Unit	Total	Seq	Seq	
Qty	Qty	Mark	Mark		Fe	In			Weight	Weight	No.	Qty	
		220B1		HOLD BEAM									
1	1			220B1	12	5 1/16"		A992	438.34				
2	2			p92	0	9"		A36	7.64				
		220B2		HOLD BEAM									
1	1			220B2	12	6 1/16"		A992	438.34				
2	2			p92	0	9"		A36	7.64				
		220B3		HOLD BEAM									
1	1			220B3	12	6"		A992	438.16				
1	1			p107	0	9"		A36	3.82				
		220B4		BEAM									
1	1			220B4	19	1 5/8"		A992	677.32				



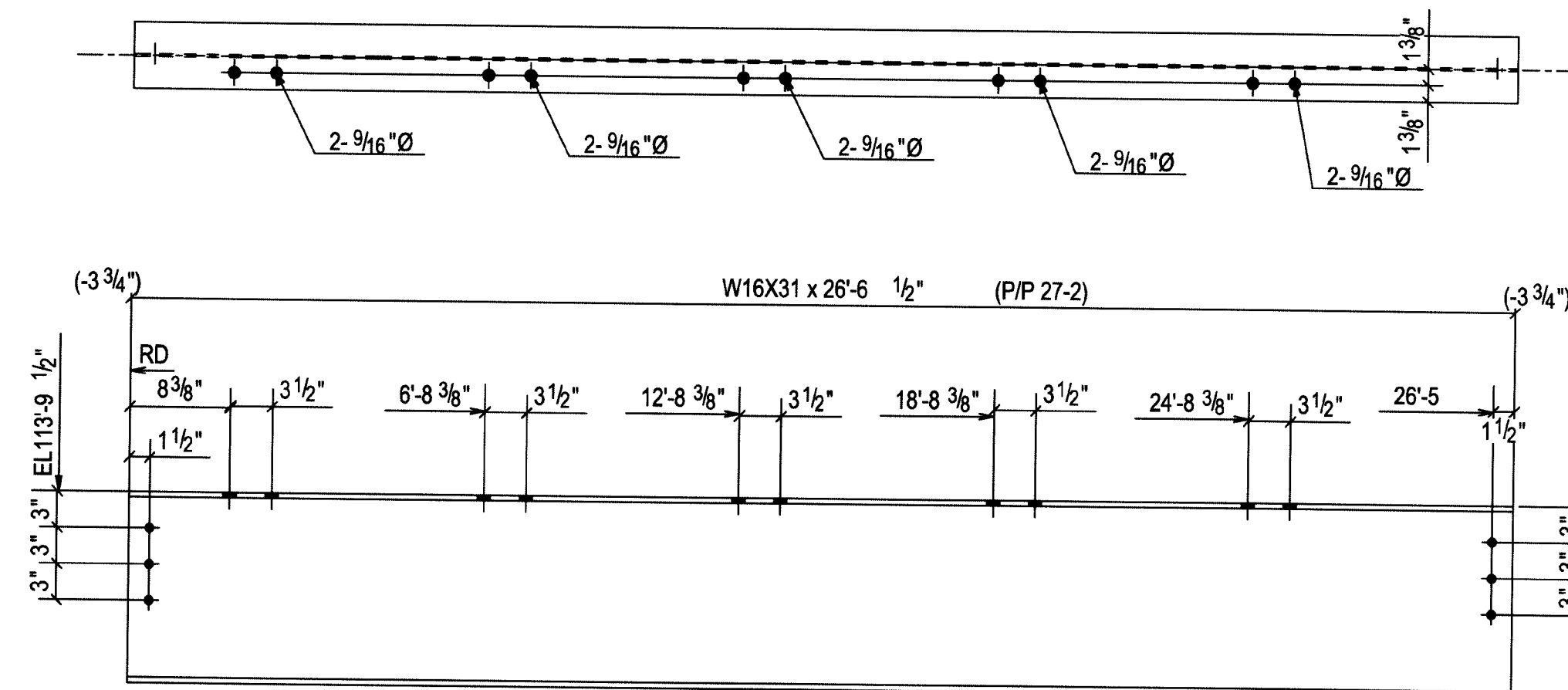
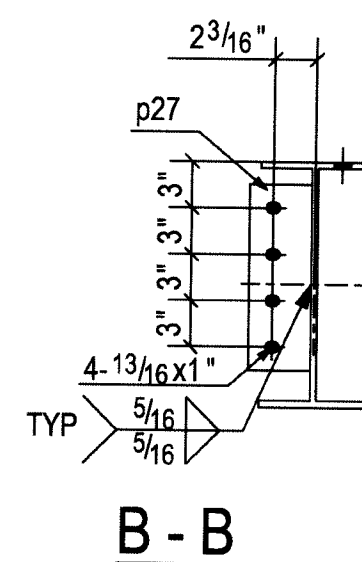
HOLD NOT PART
OF PHASE #1

REV.	16JULY07	ISSUED FOR APPROVAL	To Shop
	Date:	Description:	

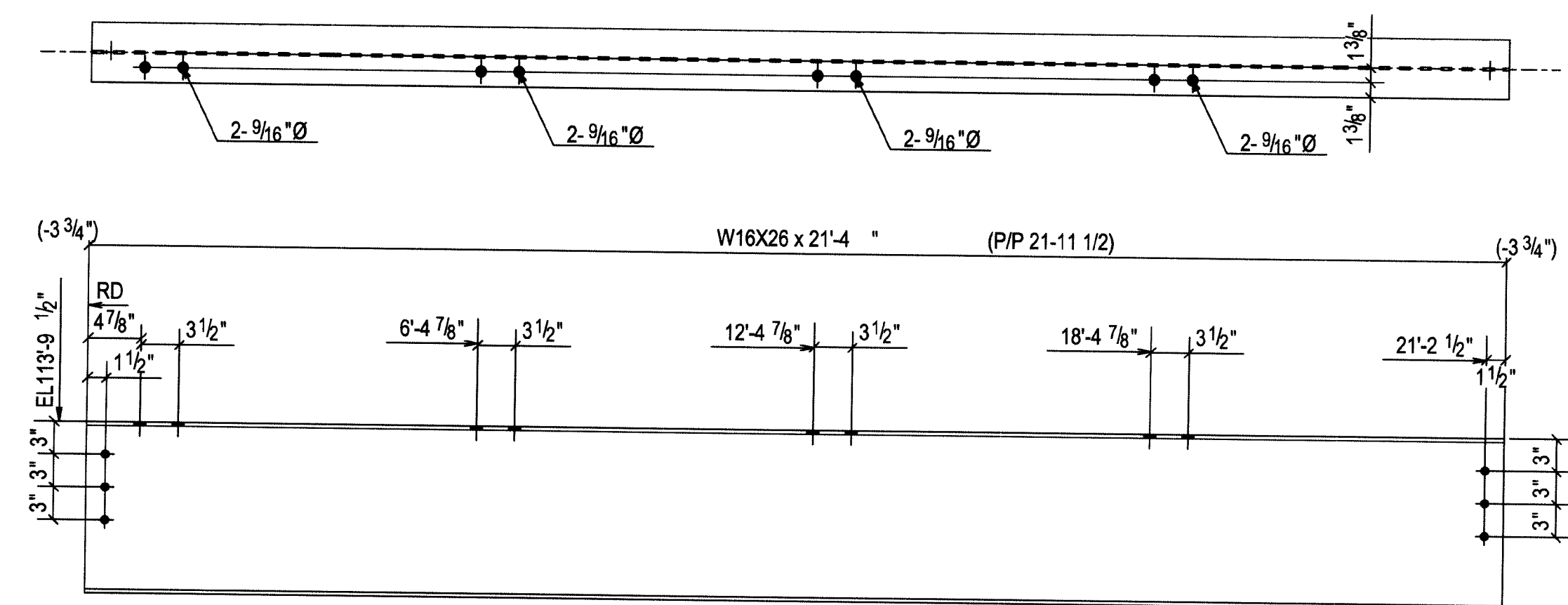
Ref. Dwg.	E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material	A992 U.N.O.	Structure:	LAWRENCE CENTRAL HIGH SCHOOL
Edge Dist.		Location:	Indianapolis ,IN
Holes	13/16 Dia Holes U.N.O.	Customer:	I P S
Cleaning SSPC#	SP3	Contents:	BEAM
Weld E70XX		Drawn By:	SIMI
Paint	One Coat Red Primer	Chkd By:	BJ
		Date:	06-18-07
		In Shop:	08AUG07
		JOB #	06-612
		SHT. #	220



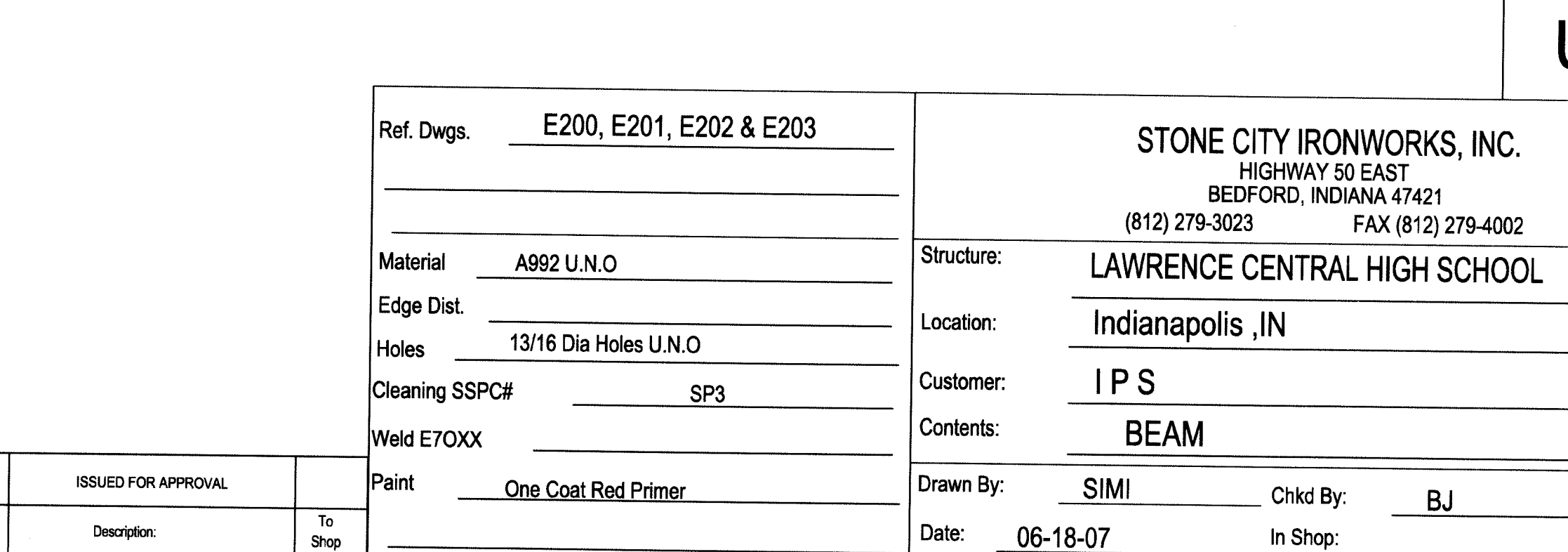
ONE - BEAM - 221B1



ONE - BEAM - 221B2



ONE - BEAM - 221B3



ONE - BEAM - 221B4

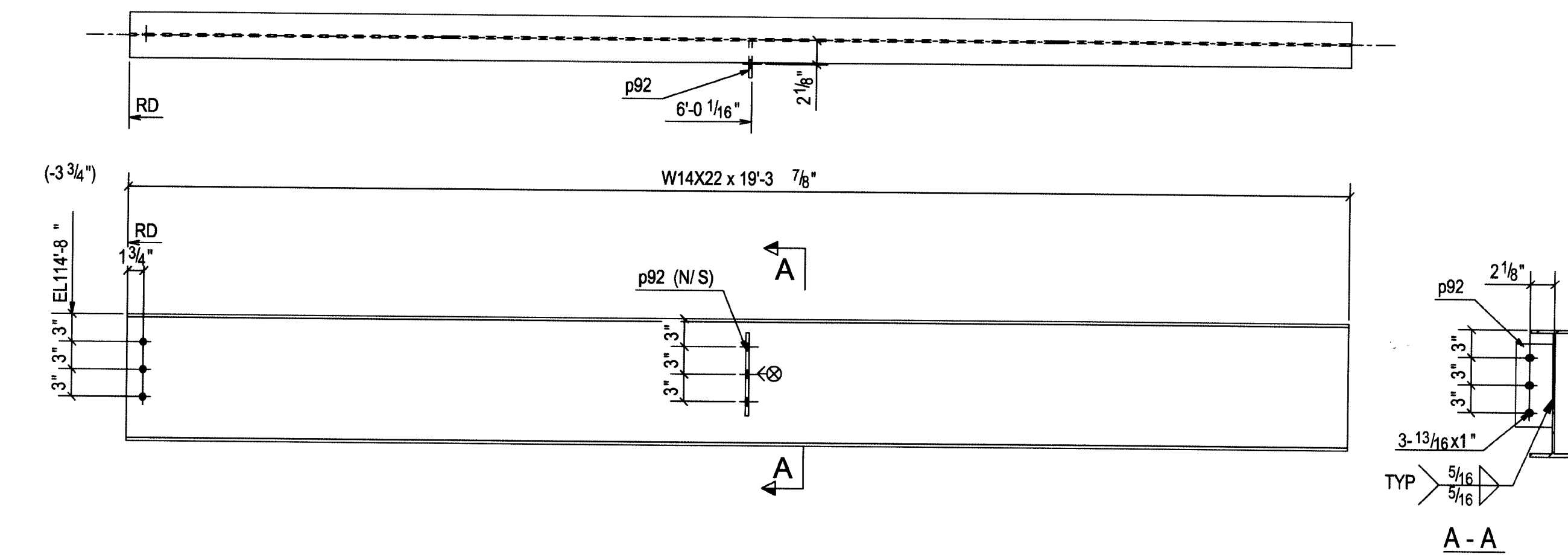
BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		221B1		BEAM								
1	1		221B1	W16X36	22	10 1/2"		A992	825.19			
1	1		p27	PL3/8"x3 1/2"	0	12"		A36	5.09			
		221B2		BEAM								
1	1		221B2	W16X31	26	6 1/2"		A992	823.78			
		221B3		BEAM								
1	1		221B3	W16X31	31	7 5/16"		A992	983.04			
		221B4		BEAM								
1	1		221B4	W16X26	21	4"		A992	557.58			

UNIT 'B'

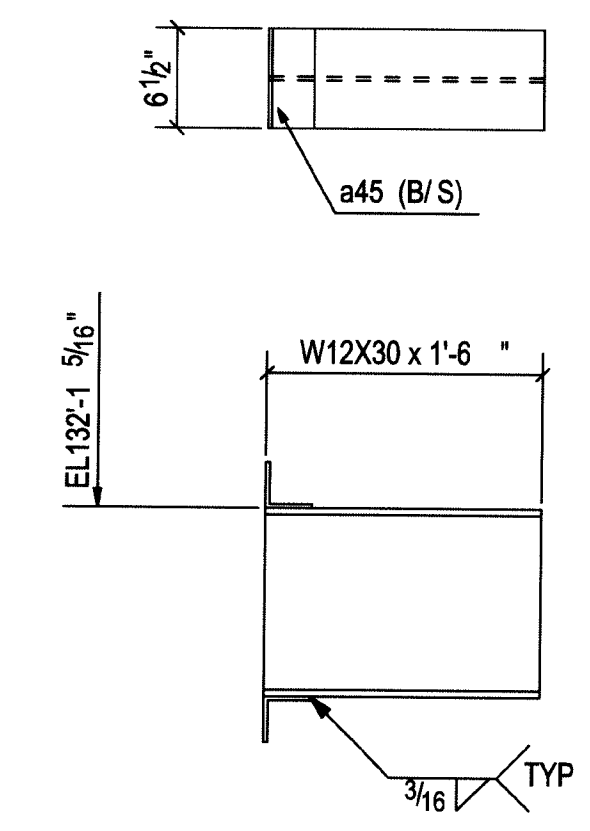
1	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop

Ref. Dwg.	E200, E201, E202 & E203
Material	A992 U.N.O
Edge Dist.	
Holes	13/16 Dia Holes U.N.O
Cleaning SSPC#	SP3
Weld E70XX	
Paint	One Coat Red Primer

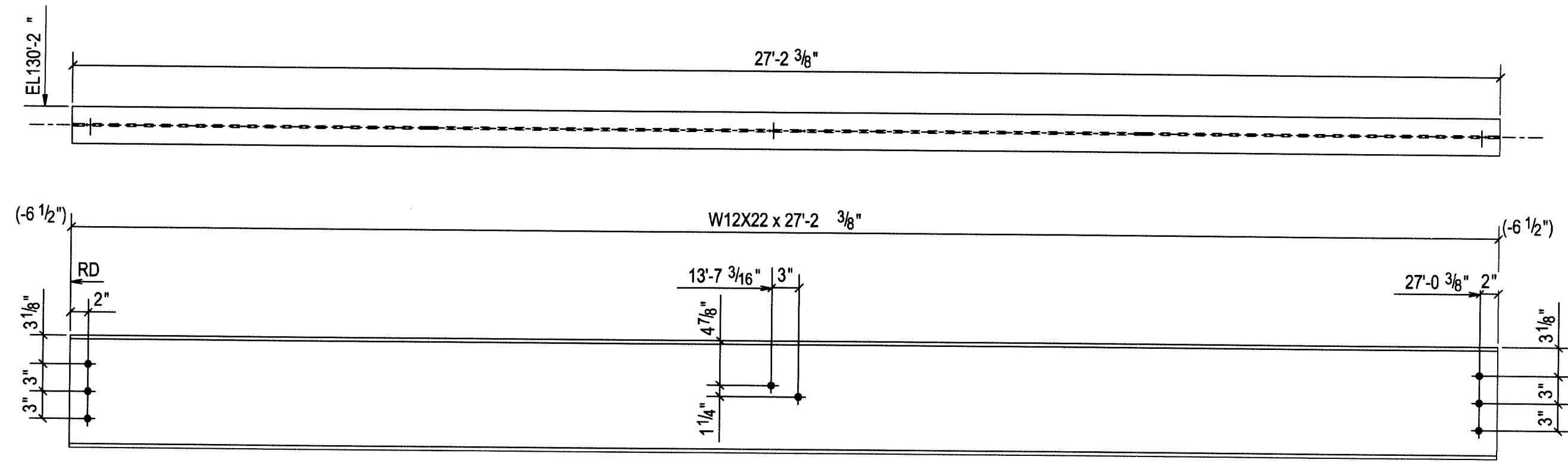
STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002			
Structure:	LAWRENCE CENTRAL HIGH SCHOOL	JOB #	
Location:	Indianapolis ,IN		06-612
Customer:	I P S		
Contents:	BEAM		
Drawn By:	SIMI	Chkd By:	BJ
Date:	06-18-07	In Shop:	
		SHT. #	221



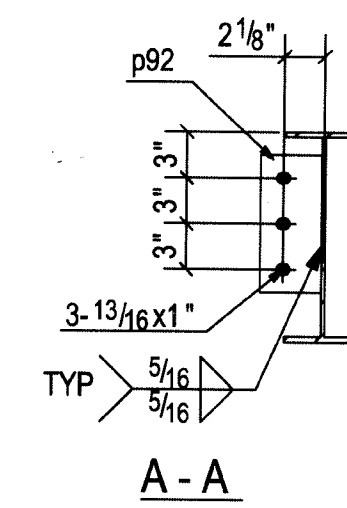
ONE - BEAM - 223B1



2 - BEAMS - 223B2

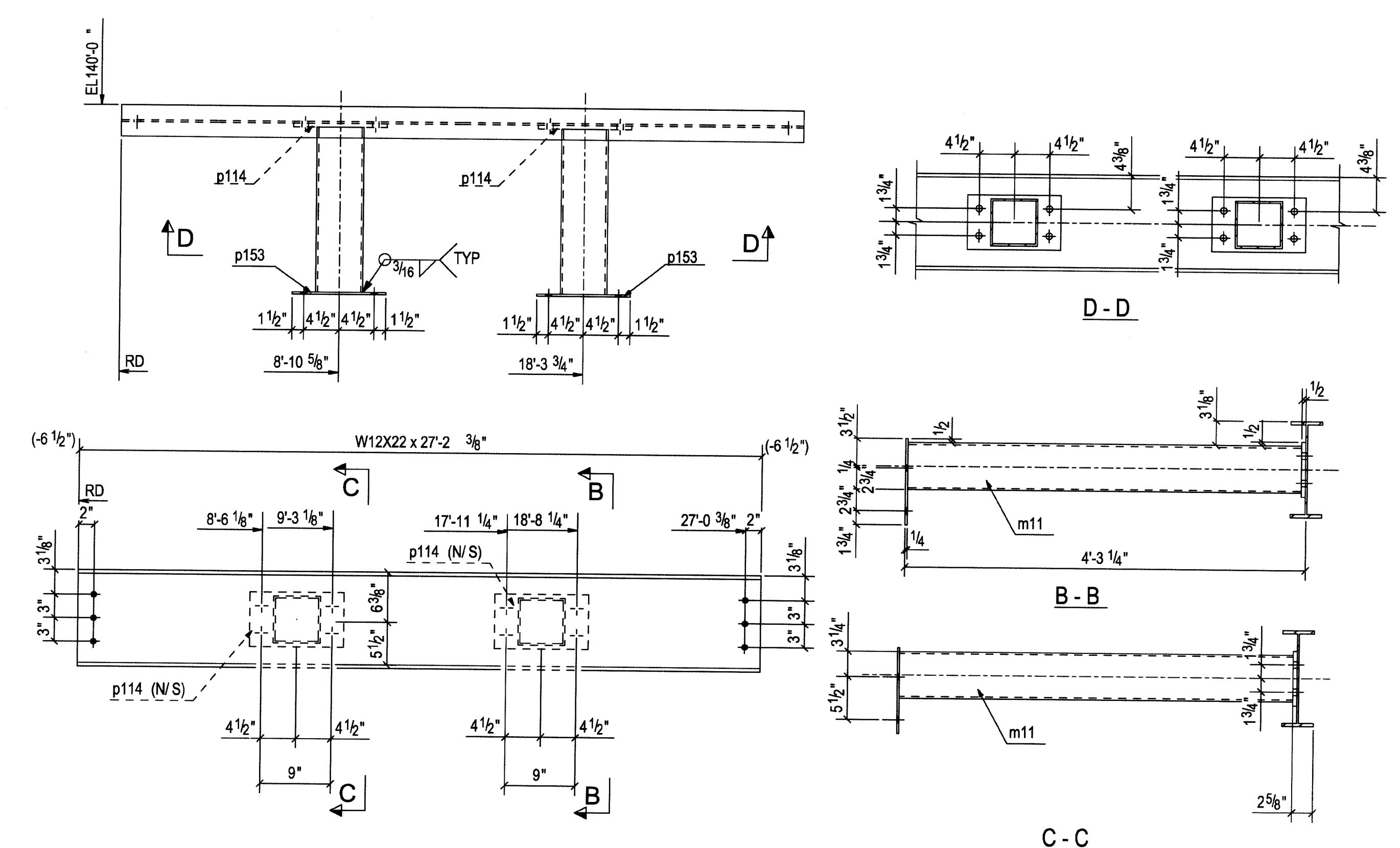


ONE - BEAM - 223B3



A - A

HOLD NOT PART OF PHASE #1



ONE - BEAM - 223B4

HOLD

BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					FT	IN						
		223B1		BEAM								
1	1		223B1	W14X22	19	3 7/8"		A992	426.78			
1	1		p92	PL3/8"x3 1/2"	0	9"		A36	3.82			
		223B2		BEAM								
1	2		223B2	W12X30	1	8"		A992	44.87			
2	4		#45	L3X3X1/4	0	6 1/2"		A36	5.33			
		223B3		BEAM								
1	1		223B3	W12X22	27	2 3/8"		A992	599.79			
		223B4		BEAM								
1	1		223B4	W12X22	27	2 3/8"		A992	599.79			
2	2		m11	HSS6X6X1/4	4	2 3/8"		A500-GR.B	149.68			
2	2		p114	PL1/2"x7"	0	12"		A36	23.82			
2	2		p153	PL1/4"x11"	0	12"		A36	18.72			

UNIT 'B'

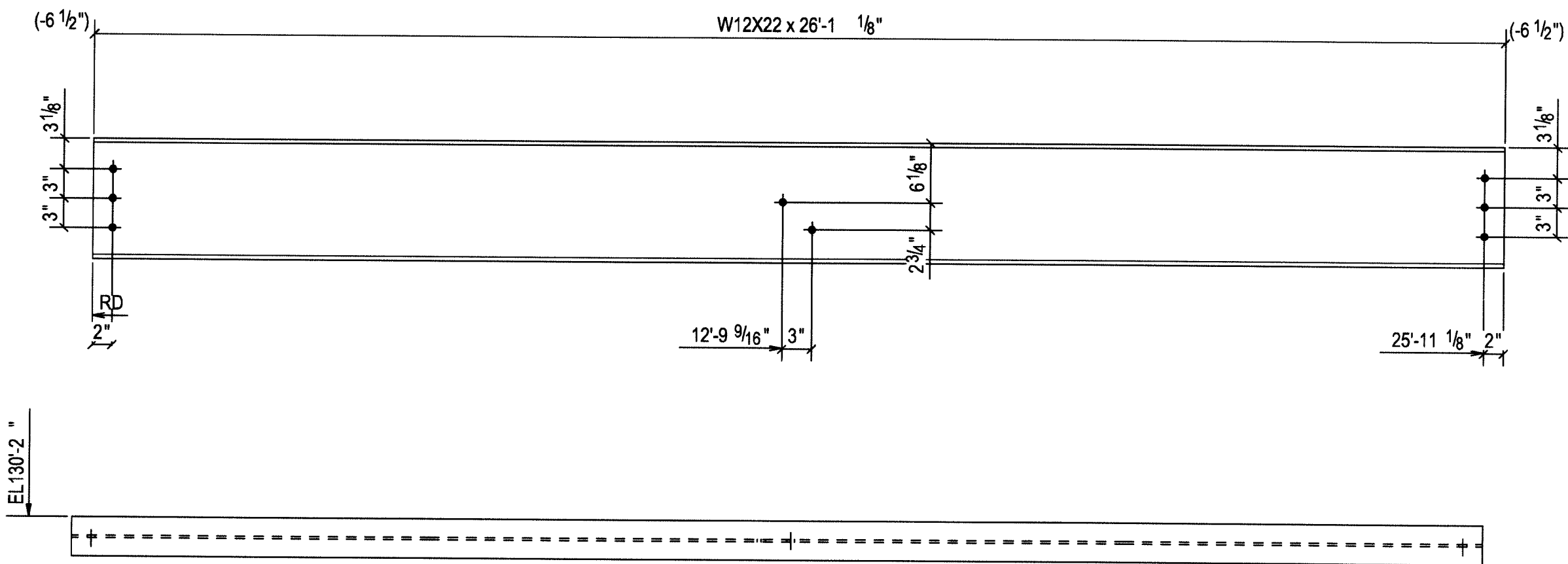
Ref. Dwg. E200, E201, E202 & E203		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Edge Dist. 13/16 Dia Holes U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB # 06-612
Holes 13/16 Dia Holes U.N.O	Cleaning SSPC# SP3	Location: Indianapolis, IN	Customer: I P S
Weld E70XX	Paint One Coat Red Primer	Contents: BEAM	SHT. # 223
Drawn By: SIMI	Chkd By: BJ	Date: 06-18-07	In Shop: 08AUG07

REV.	Date:	Description:	To Shop
1	16JULY2007	ISSUED FOR APPROVAL	

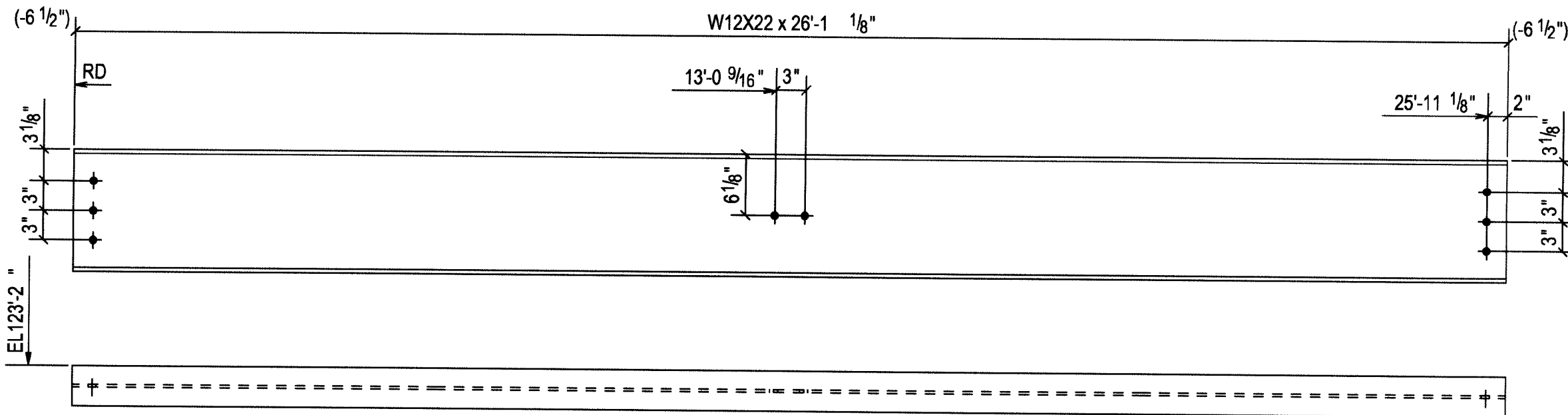
FOR FAB & FIELD USE 8-09-07

HOLD NOT PART
OF PHASE #1

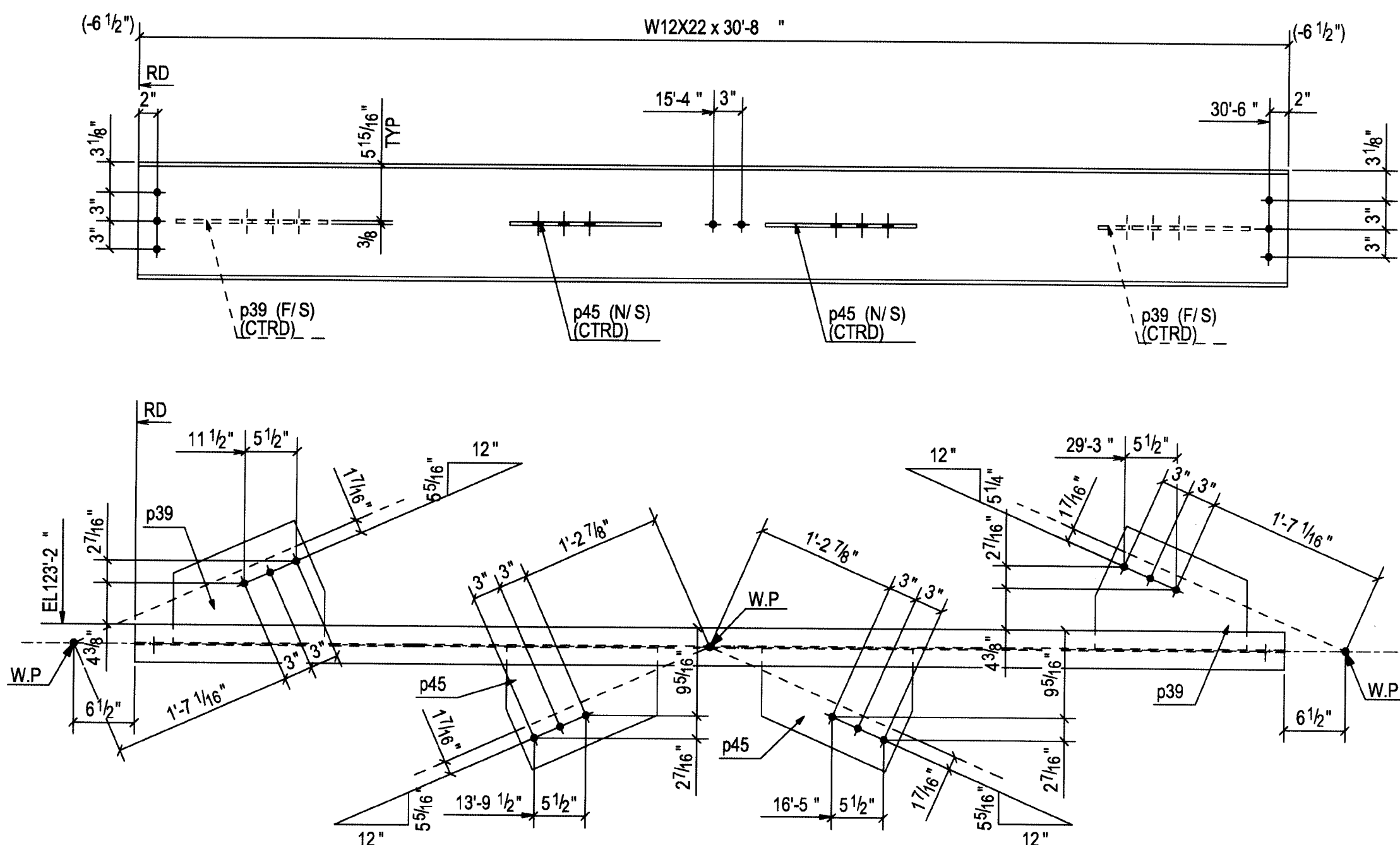
BILL OF MATERIAL													
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty	
					FT	IN							
1	1	228B1	HOLD	BEAM	26	11 1/8"		A992	575.44				
		228B2	HOLD	BEAM									
1	1	228B2		W12X22	30	8"		A992	676.28				
2	2	p39		PL 3/8"x12 15/16"	1	4"		A36	43.96				
2	2	p45		PL 3/8"x12 15/16"	1	4"		A36	43.99				
		228B3	HOLD	BEAM									
1	1	228B3		W12X22	26	11 1/8"		A992	575.44				
		228B4		BEAM									
1	1	228B4		W12X19	17	7 1/8"		A992	323.62				
2	2	p202		PL 3/8"x4"	0	9"		A36	7.64				
1	1	p90		PL 3/8"x3 1/2"	0	8"		A36	7.64				
2	2	p201		PL 3/8"x4"	0	8"		A36	7.64				
1	1	b1p1228a		B1PL 1/2x9 1/2	3	23 3/4"	BENT	A36					



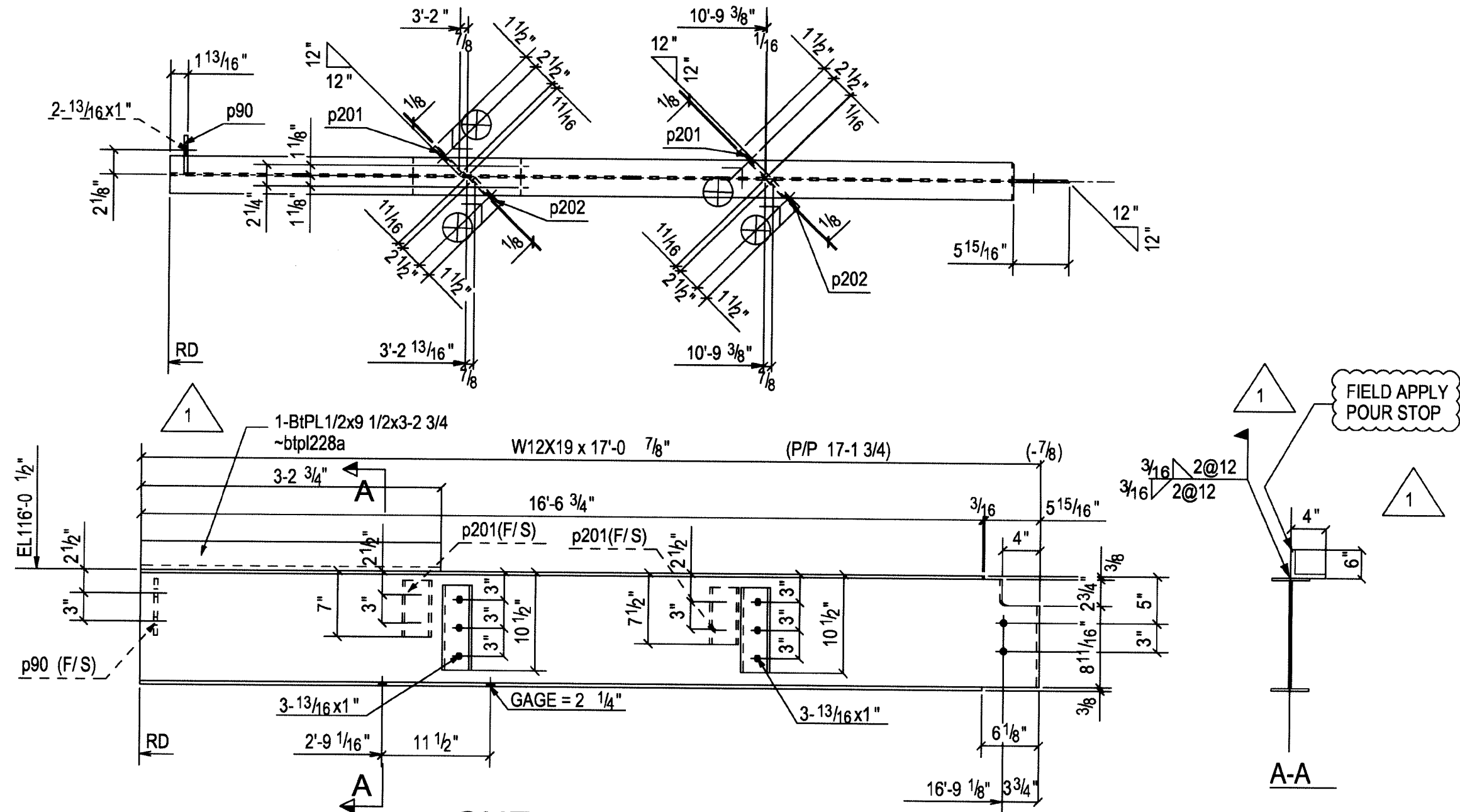
ONE - BEAM - 228B1



ONE - BEAM - 228B3



ONE - BEAM - 228B2

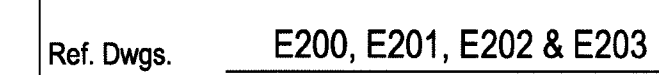
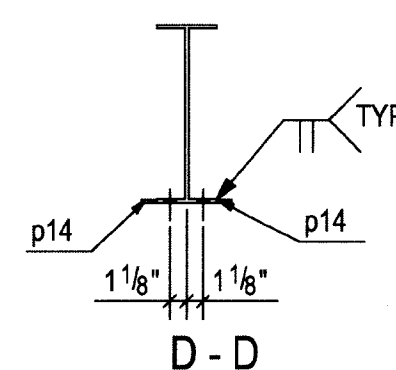


ONE - BEAM - 228B4

UNIT 'B'

08OCT07	ADDED b1p1228a TO 228B4
16JULY2007	ISSUED FOR APPROVAL
REV.	Date: Description: To Shop

Ref. Dwg.	E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material	A992 U.N.O	Structure:	LAWRENCE CENTRAL HIGH SCHOOL
Edge Dist.		Location:	Indianapolis ,IN
Holes	13/16 Dia Holes U.N.O	Customer:	I P S
Cleaning SSPC#	SP3	Contents:	BEAM
Weld E70XX		Drawn By:	SIMI
Paint	One Coat Red Primer	Chkd By:	BJ
		Date:	06-18-07
		In Shop:	08AUG07
		JOB #	06-612
		SHT. #	228



Material	A992 U.N.O
----------	------------

Edge Dist.

Holes

Cleaning SSPC# SP3

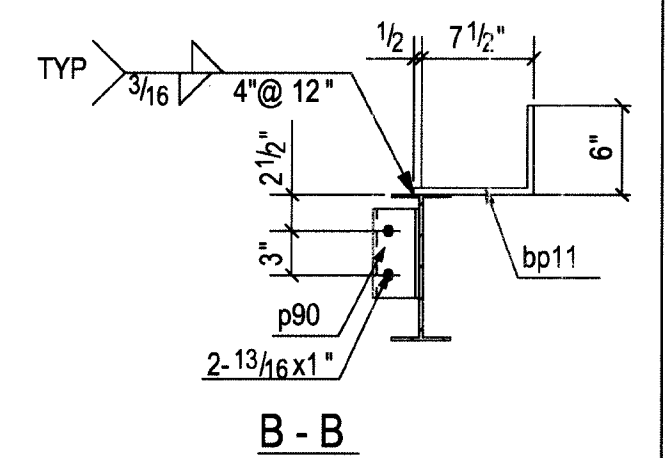
Weld E70XX

Weld E70XX	
Paint	One Coat Red Primer

One Coat Red Primer

BILL OF MATERIAL

Technical drawing of a mechanical part, likely a shaft or rod, showing dimensions and features. The part has a central section with a diameter of 5'-0 1/4" and a length of 12". The left end is labeled "RD" and has a radius of 115/16". The right end is labeled "bp11" and has a diameter of 1 1/8". The part is shown in a perspective view with a dashed line indicating the centerline.



UNIT 'B'

STONE CITY IRONWORKS, INC.

HIGHWAY 50 EAST

BEDFORD, INDIANA 47421
(812) 279-3023 FAX (812) 279-4002

Structure:	LAWRENCE CENTRAL HIGH SCHOOL
------------	------------------------------

Location:	Indianapolis ,IN
-----------	------------------

Customer: IPS

Contents:	BEAM
-----------	------

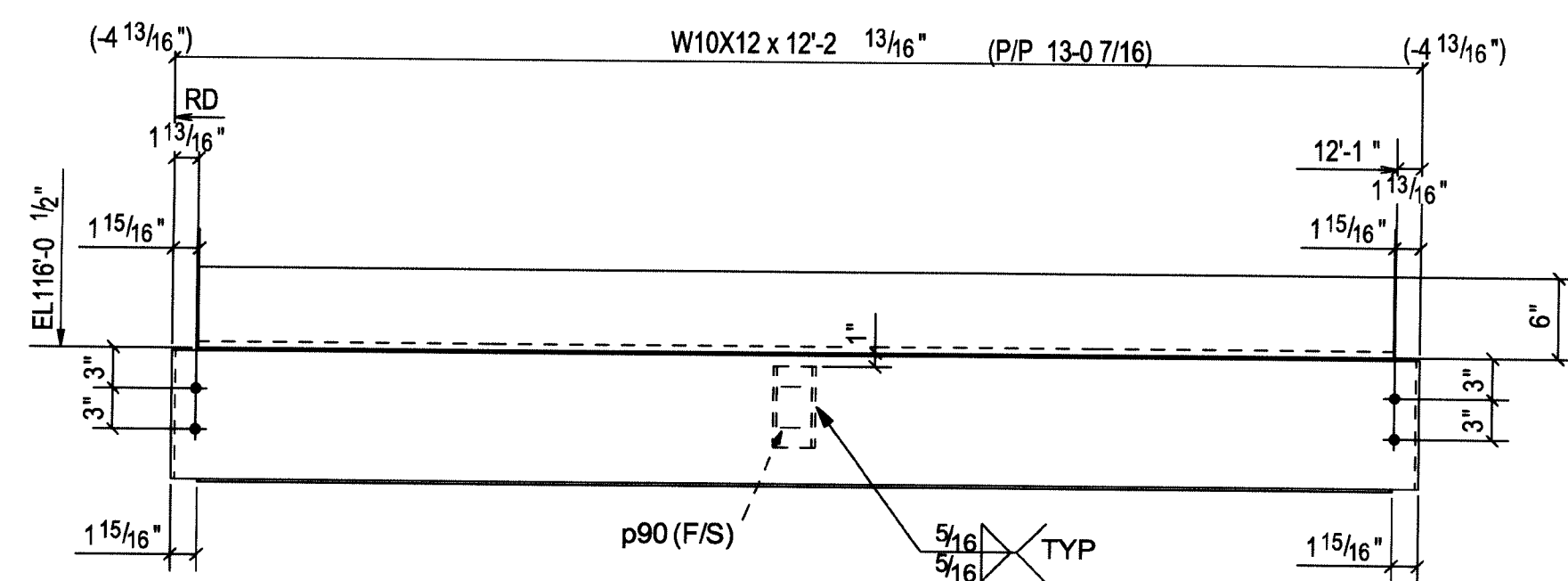
Drawn By: SIMI

Date: 06-18-07

JOB #
06-612

SHT. #	
--------	--

229



Technical drawing showing a side elevation and a top view of a structural connection.

Side Elevation:

- Beam: W10X12 x 14-7 $\frac{5}{8}$ "
- Column: (P/P 15-0 1/8)
- Beam End Offset: (-3 3/4")
- Column End Offset: (-3 4)

Top View:

- Beam Flange Width: 17 1/8"
- Beam Web Width: 3 3/8"
- Beam Flange Thickness: 1 13/16"
- Beam Web Thickness: 5/8"
- Beam Flange Offset: 3 3/4"
- Beam Web Offset: 1 1/2"
- Beam Flange End Offset: 1 13/16"
- Beam Web End Offset: 2 7/8"
- Beam Flange End Offset (Total): 4 3/4"
- Beam Web End Offset (Total): 3 3/8"

Technical drawing of a beam-to-column connection. The main view shows a W10X12 beam with a 6'-0" length and 1/4" thickness. It is connected to a column with a 3'-3" height and 14'-0" width. The connection includes a 2'-5" gap, a 5'-3" gap, and a 7 3/4" gap. The beam is supported by a 2-13/16 x 1" slot. The connection is labeled "HOLD ONE - BEAM - 230B4". A detail view "A-A" shows the beam end with a 2 1/8" gap, a 3" gap, and a 3'-3" height. The beam is labeled "TYP" and "p90".

Ref. Dwg.s.

E200, E201, E202 & E203

Material A992 U.N.O

Edge Dist.

Holes 13/16 Dia Holes U.N.O

Cleaning SSPC# SP3

Weid E7OXX

Paint One Coat Red Primer

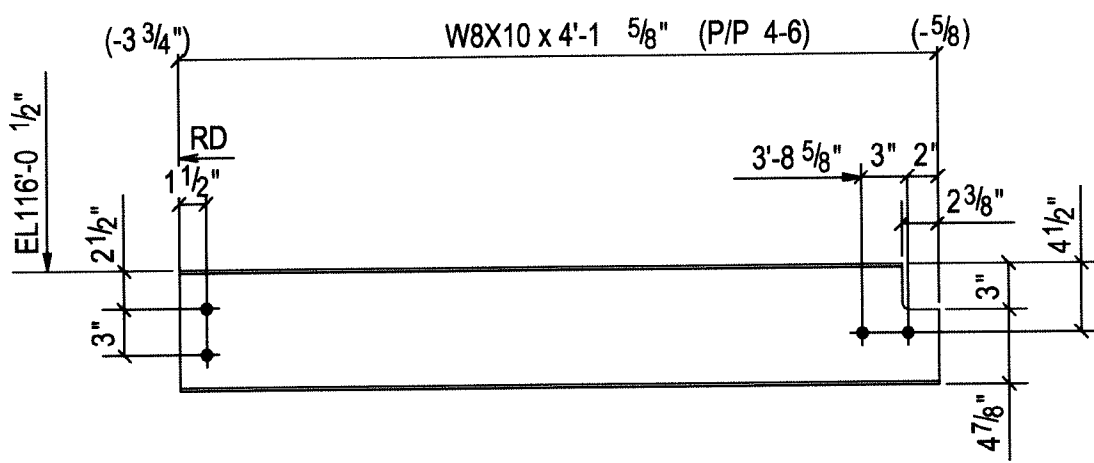
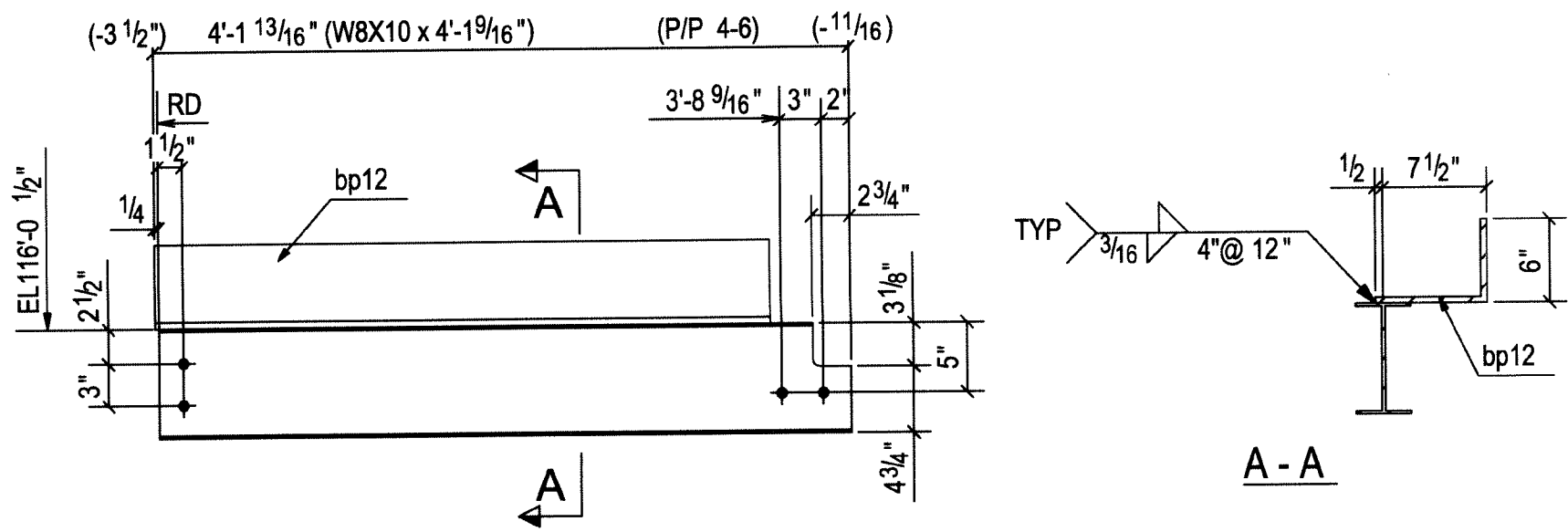
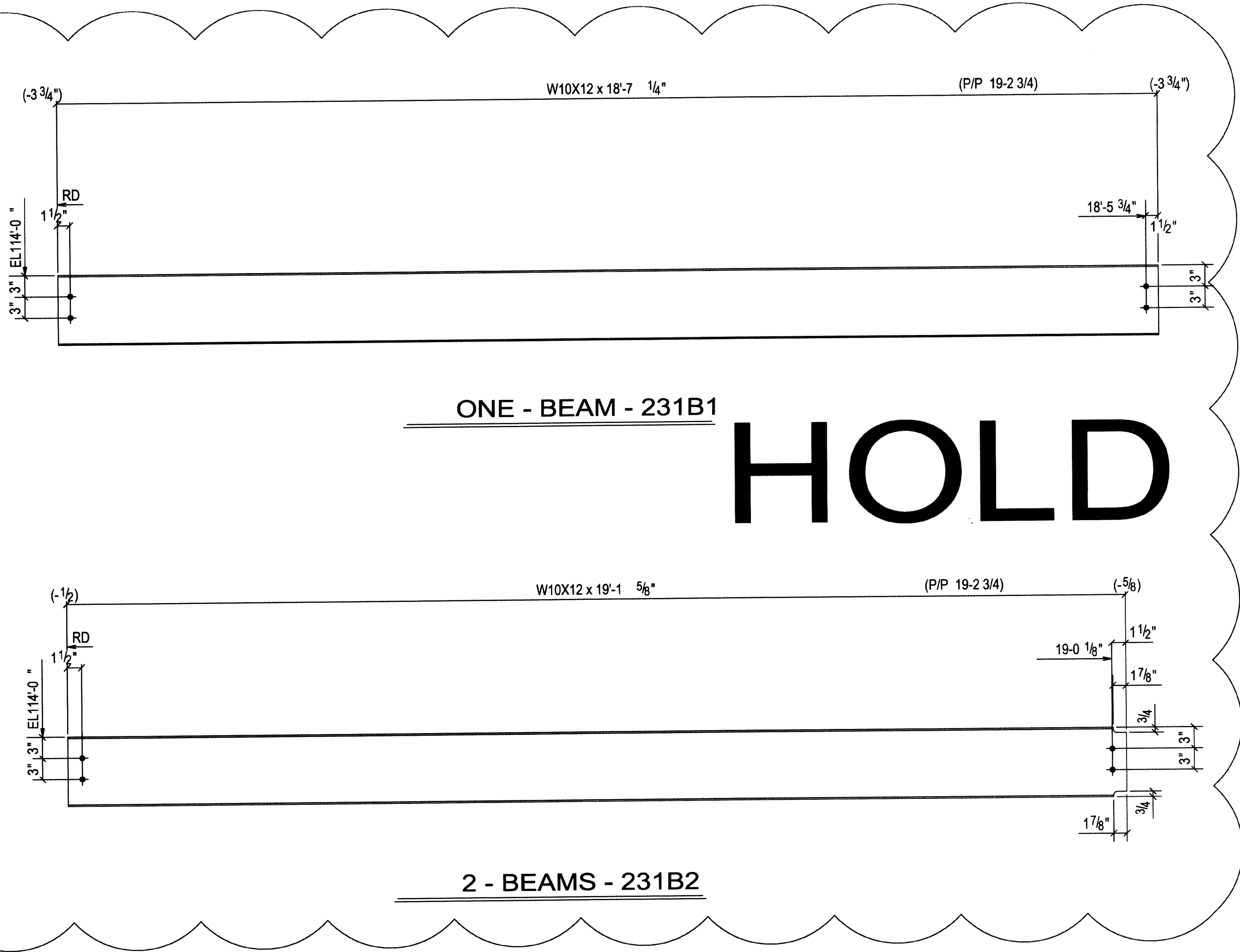
Structure:	LAWRENCE CENTRAL HIGH SCHOOL		
Location:	Indianapolis ,IN		
Customer:	I P S		
Contents:	BEAM		
Drawn By:	SIMI	Chkd By:	BJ
Date:	06-18-07	In Shop:	08AUG07

	16 JULY 2007	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Sho

FOR FAB & FIELD USE 8-09-07

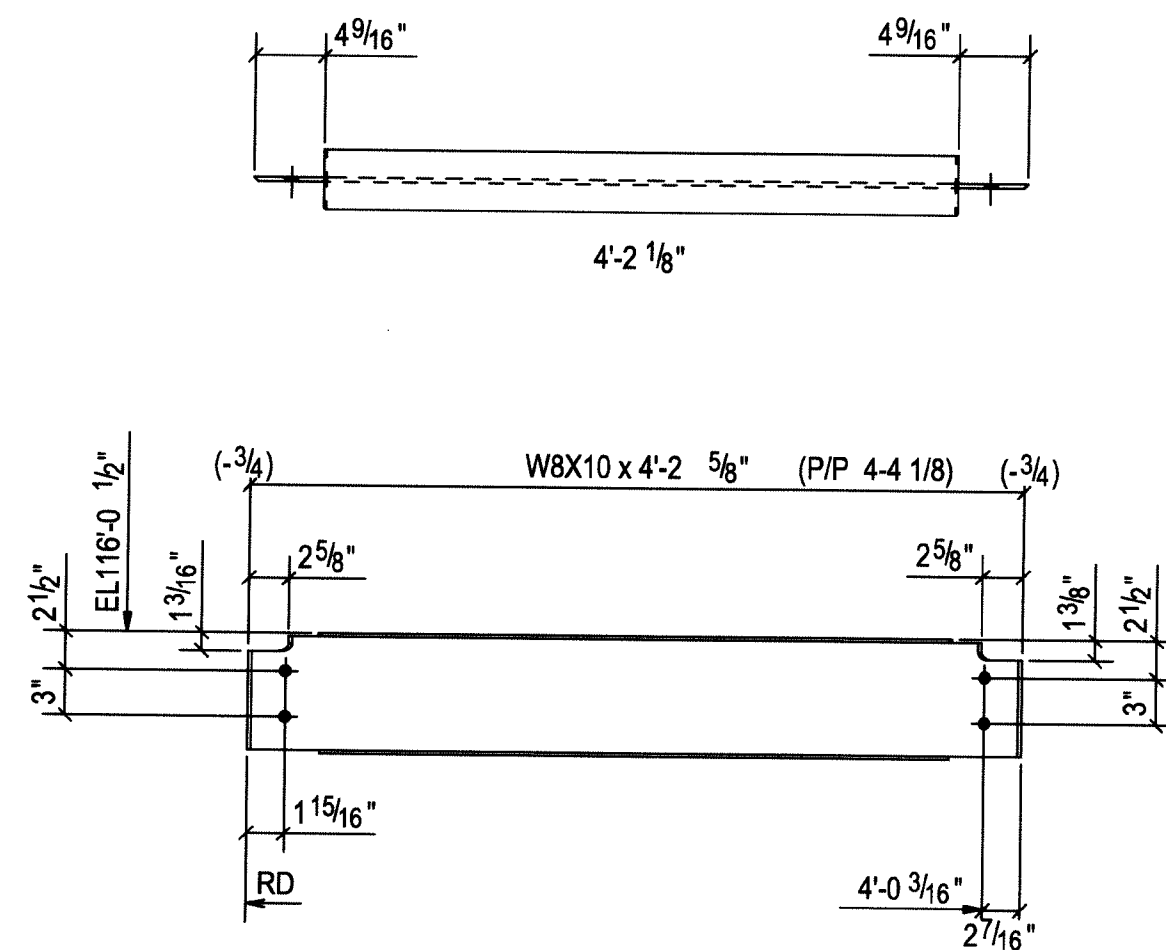
BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					ft	in						
		231B1	HOLD	BEAM								
1	1		231B1	W10X12	18	7 1/4"		A992	224.13			
		231B2	HOLD	BEAM								
1	2		231B2	W10X12	19	1 5/8"		A992	230.53			
		231B3		BEAM								
1	1		231B3	W8X10	4	1 9/16"		A992	41.61			
1	1		bp12	BPPL1/2x13 1/2	3	8"		A36	74.04			
		231B4		BEAM								
1	1		231B4	W8X10	4	1 5/8"		A992	41.66			

HOLD NOT PART OF PHASE #1

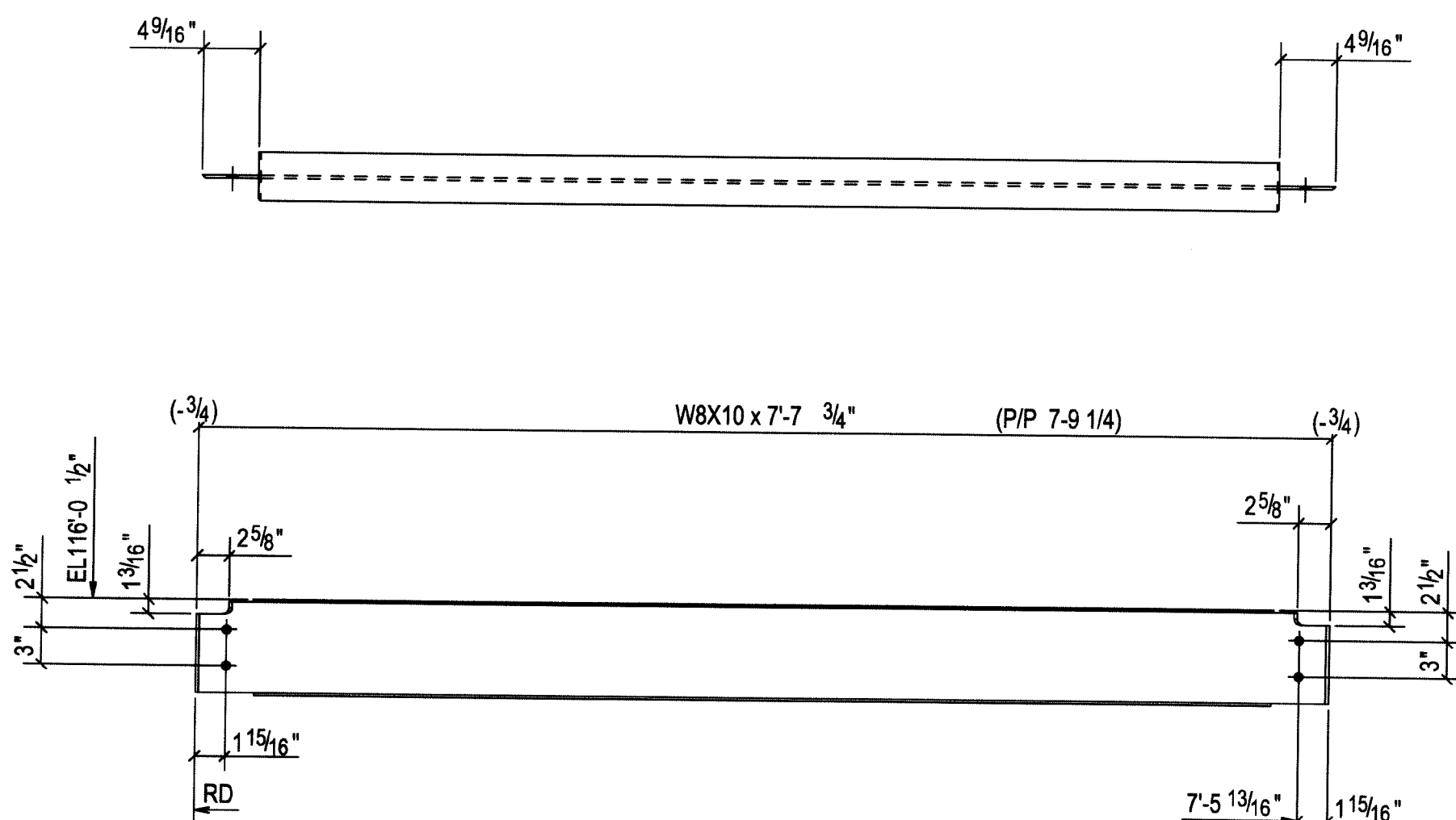


Ref. Dwg.	E200, E201, E202 & E203		
Material	A992 U.N.O		
Edge Dist.	13/16 Dia Holes U.N.O		
Holes	Cleaning SSPC# SP3		
Weld E70XX	Paint One Coat Red Primer		
Structure:	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002		JOB #
Location:	LAWRENCE CENTRAL HIGH SCHOOL		06-612
Customer:	Indianapolis, IN		SHT. #
Contents:	I P S		231
Drawn By:	BEAM		
Date:	SIMI Chkd By: BJ 06-18-07 In Shop: 08AUG07		

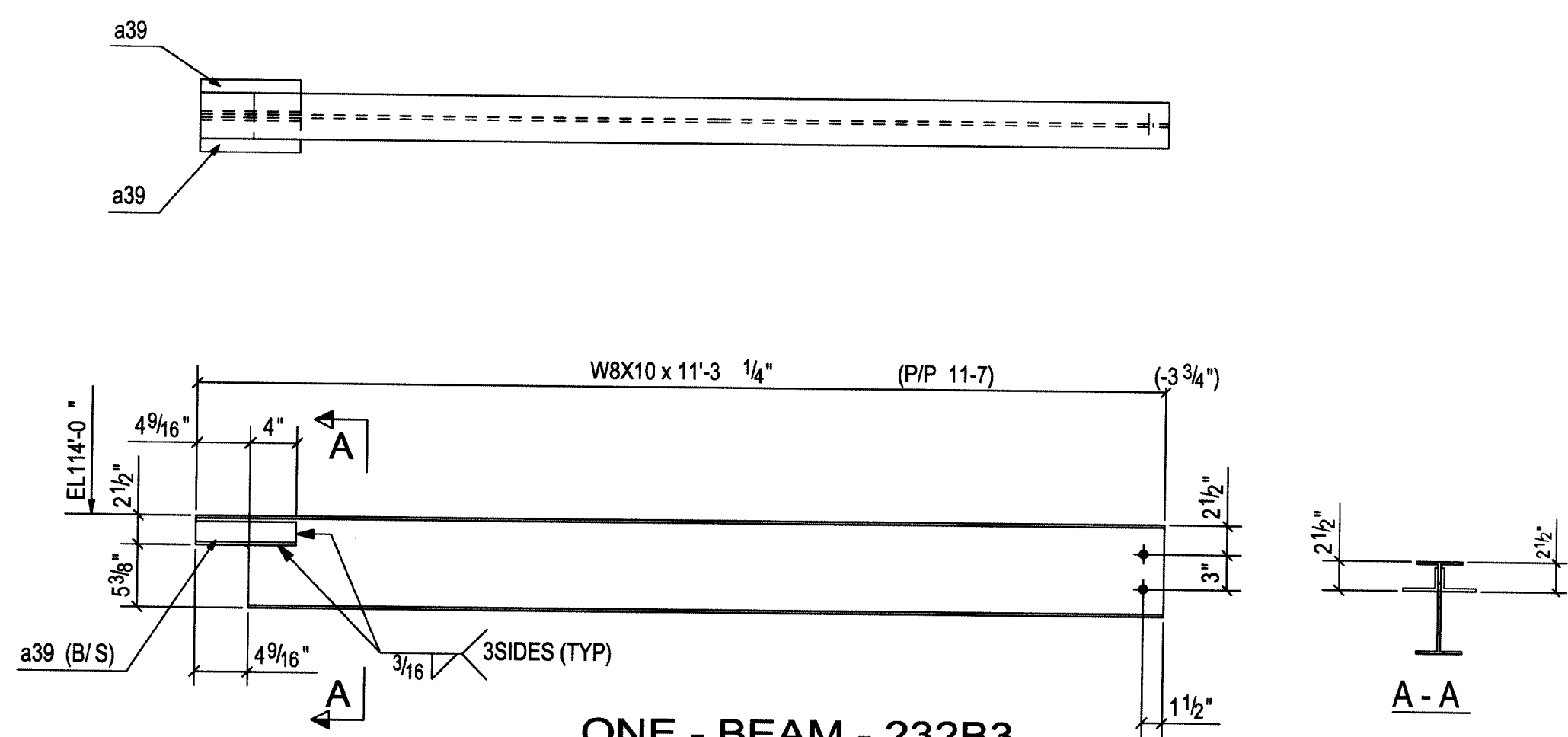
REV.	Date:	Description:	To Shop
I	16JULY07	ISSUED FOR APPROVAL	



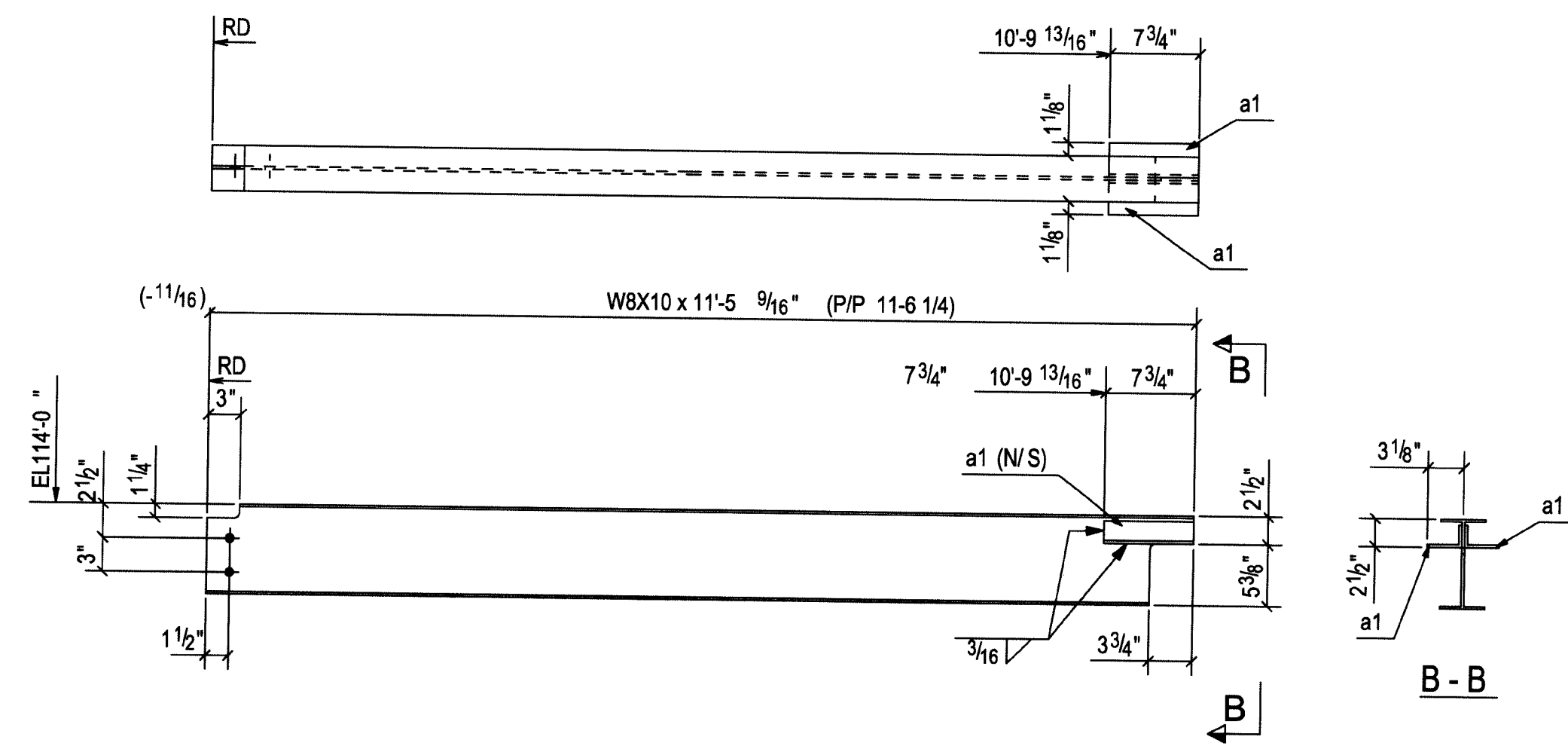
ONE - BEAM - 232B1



ONE - BEAM - 232B2



ONE - BEAM - 232B3



4 - BEAMS - 232B4

HOLD

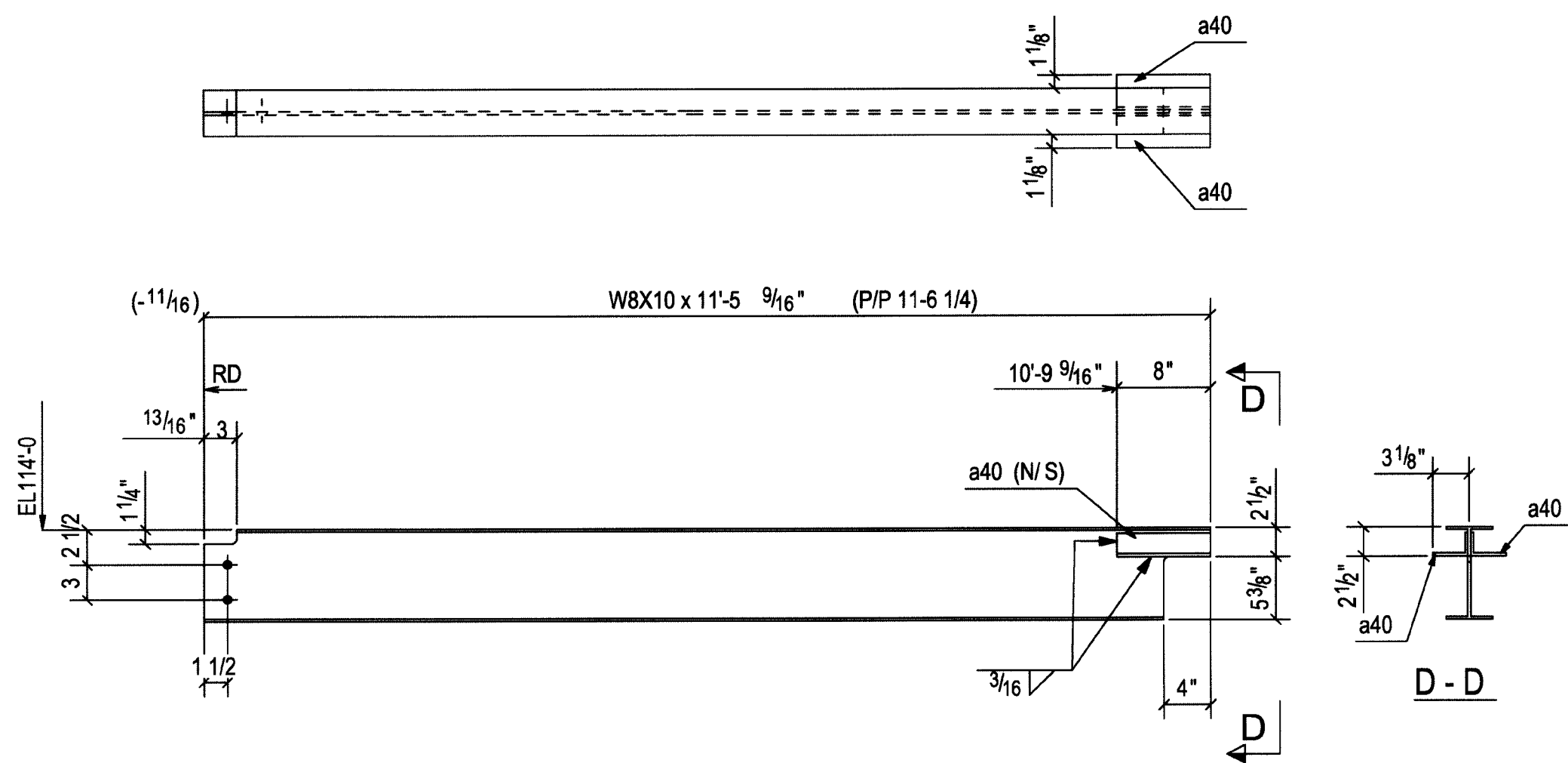
HOLD NOT PART OF PHASE #1

BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
1	1	232B1		BEAM								
				W8X10	4	2 5/8"		A992	42.48			
1	1	232B2		BEAM								
				W8X10	7	7 3/4"		A992	77.01			
		232B3		HOLD BEAM								
1	1	232B3		W8X10	11	3 1/4"		A992	113.54			
2	2	a39		L3X2X1/4	0	8 9/16"		A36	5.79			
		232B4		HOLD BEAM								
1	4	232B4		W8X10	11	5 9/16"		A992	115.48			
2	8	a1		L3X2X1/4	0	7 3/4"		A36	5.23			

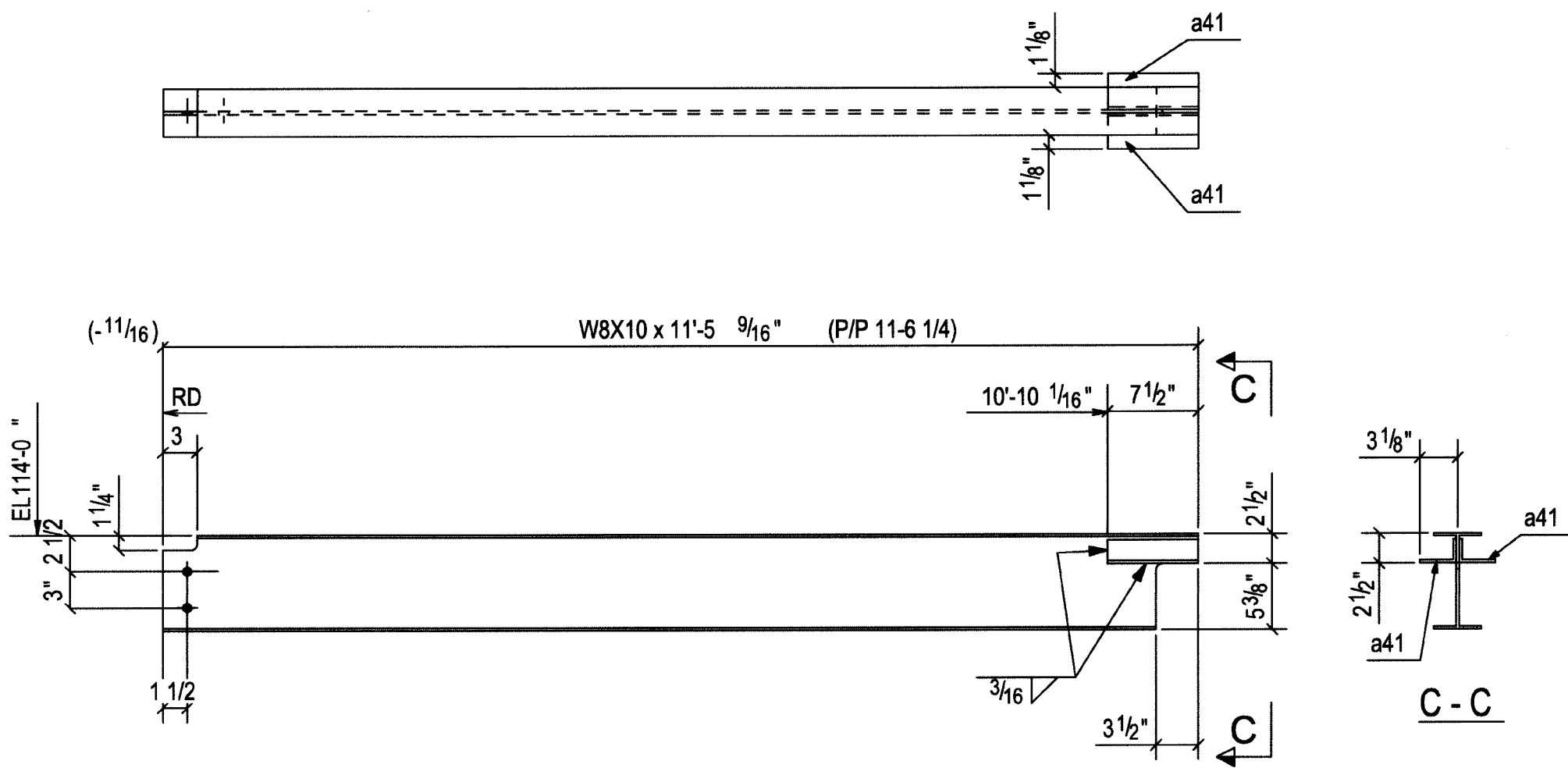
UNIT 'B'

Ref. Dwgs. E200, E201, E202 & E203		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #	
Edge Dist. 13/16 Dia Holes U.N.O	Location: Indianapolis ,IN	06-612	
Holes 13/16 Dia Holes U.N.O	Customer: I P S		
Cleaning SSPC# SP3	Contents: BEAM		
Weild E70XX	Drawn By: SIMI Chkd By: BJ	SHT. #	
Paint One Coat Red Primer	Date: 06-18-07 In Shop: 08AUG07	232	

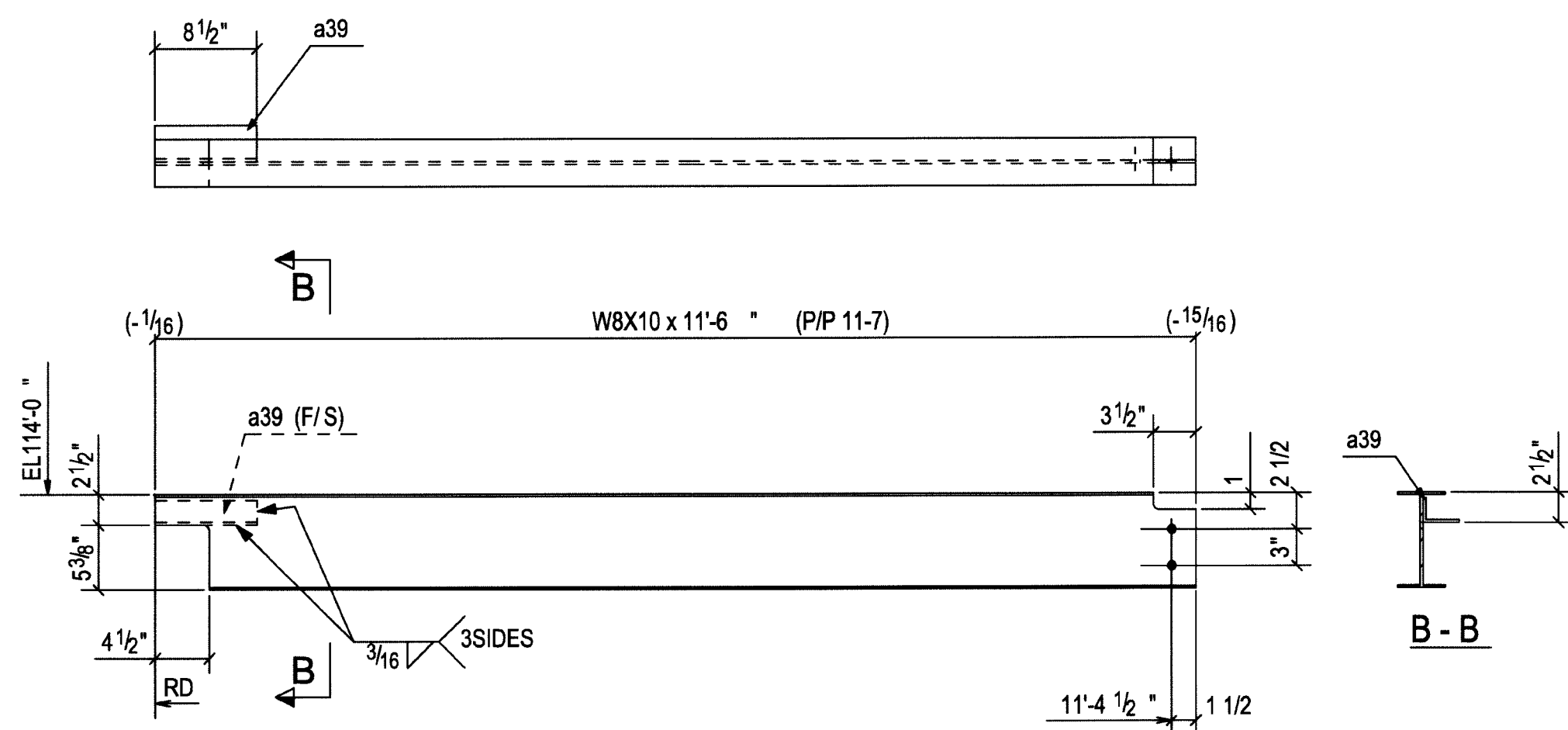
REV.	Date:	Description:	To Shop
1	16JULY07	ISSUED FOR APPROVAL	



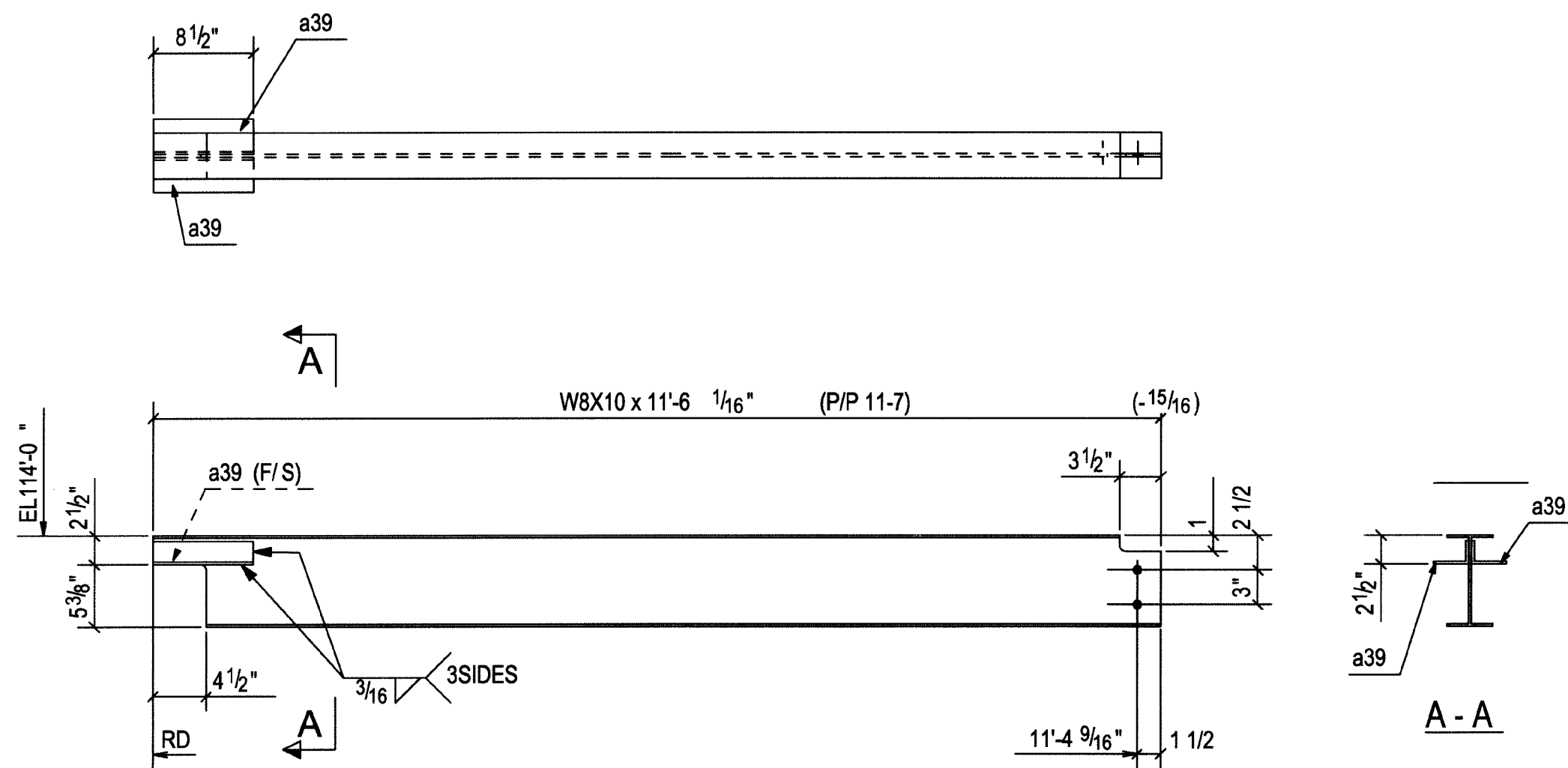
8 - BEAMS - 233B1



10 - BEAMS - 233B2



ONE - BEAM - 233B3



6 - BEAMS - 233B4

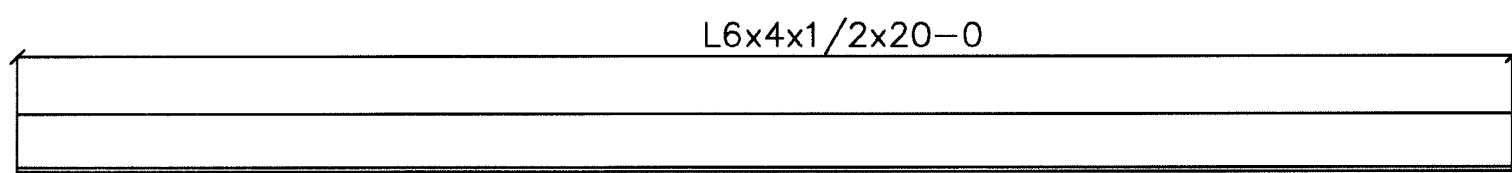
BILL OF MATERIAL

Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		233B1		BEAM								
1	8		233B1	W8X10	11	5 9/16"		A992	115.48			
2	16		a40	L3X2X1/4	0	8"		A36	5.39			
		233B2		BEAM								
1	10		233B2	W8X10	11	5 9/16"		A992	115.48			
2	20		a41	L3X2X1/4	0	7 1/2"		A36	5.06			
		233B3		BEAM								
1	1		233B3	W8X10	11	8"		A992	115.83			
1	1		a39	L3X2X1/4	0	8 1/2"		A36	2.87			
		233B4		BEAM								
1	6		233B4	W8X10	11	6 1/16"		A992	115.89			
2	12		a39	L3X2X1/4	0	8 1/2"		A36	5.79			

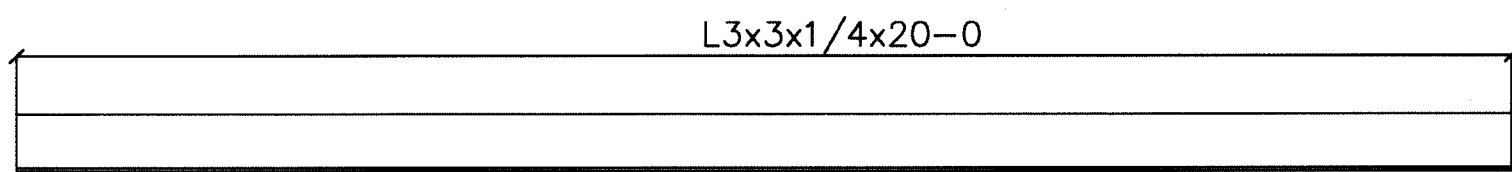
UNIT 'B'

Ref. Dwg. E200, E201, E202 & E203		STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #	
Edge Dist.	Location: Indianapolis, IN	06-612	
Holes 13/16 Dia Holes U.N.O	Customer: I P S	SHT. #	
Cleaning SSPC# SP3	Contents: BEAM	233	
Weld E70XX	Drawn By: SIMI Chkd By: BJ		
Paint One Coat Red Primer	Date: 06-18-07 In Shop:		

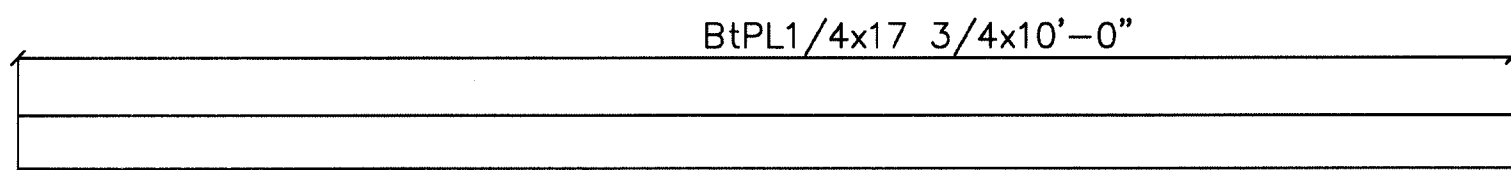
I	16JULY07	ISSUED FOR APPROVAL	
REV.	Date:	Description:	To Shop



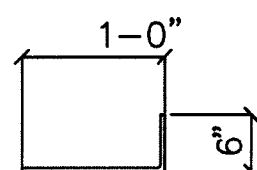
5 — ANGLES ~ 240A1



10 — ANGLES ~ 240A2



5 — Bt.PLATES ~ 240M3



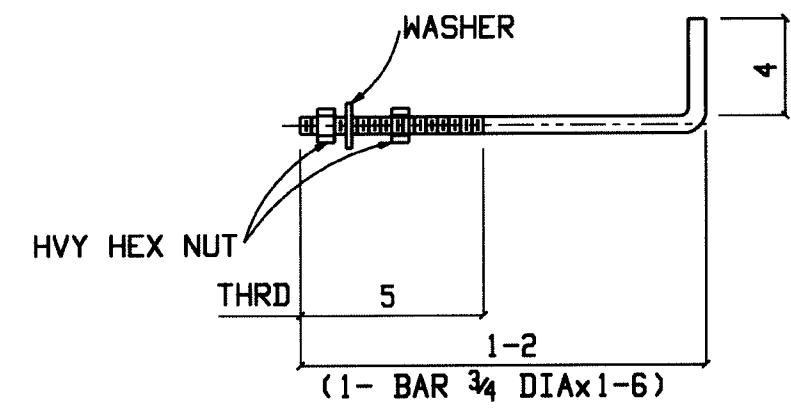
BILL OF MATERIAL												
Unit Qty	Total Qty	Piece Mark	Minor Mark	Description	Length		Remarks	Grade	Unit Weight	Total Weight	Seq No.	Seq Qty
					Ft	In						
		240A1		ANGLE								
5	5		240A1	L6x4x1/2	20	0		A36				
		240A2		ANGLE								
5	5		240A2	L3x3x1/4	20	0		A36				
		240M3		BENT_PLATE				A36				
4	4		240M3	PL 1/4x17 3/4	10	0						

REVISED
FOR FAB & FIELD USE 10-19-07

UNIT 'B'

Ref. Dwg. E200, E201, E202 & E203	STONE CITY IRONWORKS, INC. HIGHWAY 50 EAST BEDFORD, INDIANA 47421 (812) 279-3023 FAX (812) 279-4002	
Material A992 U.N.O	Structure: LAWRENCE CENTRAL HIGH SCHOOL	JOB #
Edge Dist.	Location: Indianapolis ,IN	06-612
Holes 13/16 Dia Holes U.N.O	Customer: I P S	
Cleaning SSPC# SP3	Contents: SAGROD	SHT. #
Weld E70XX	Drawn By: SIMI Chkd By: BJ	240
Paint One Coat Red Primer	Date: 06-18-07 In Shop: 10-12-07	

1	10-19-07	REVISED QTY OF 240A2	
REV.	Date:	Description:	To Shop



68 ANCHOR BOLTS
(ASTM F-1554 GR. 36)(300AB1)

SHEET	REV
300	0

FOR FABRICATION/
FIELD

X

FOR APPROVAL ONLY
(DO NOT FAB)

-

JOB NUMBER: 07-4-01775

CHECKED BY

DATE

DESIGNED BY

DATE

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

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REV. DATE

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REV. DATE

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REV. DATE

DESCRIPTION OF REVISION:

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DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

REV. DATE

DESCRIPTION OF REVISION:

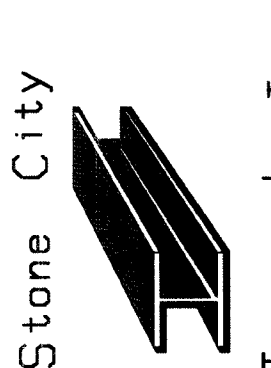
REV. DATE

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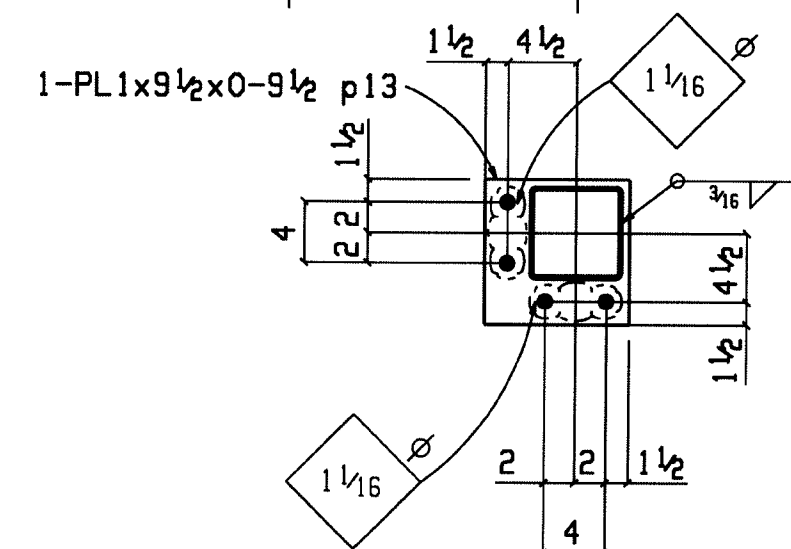
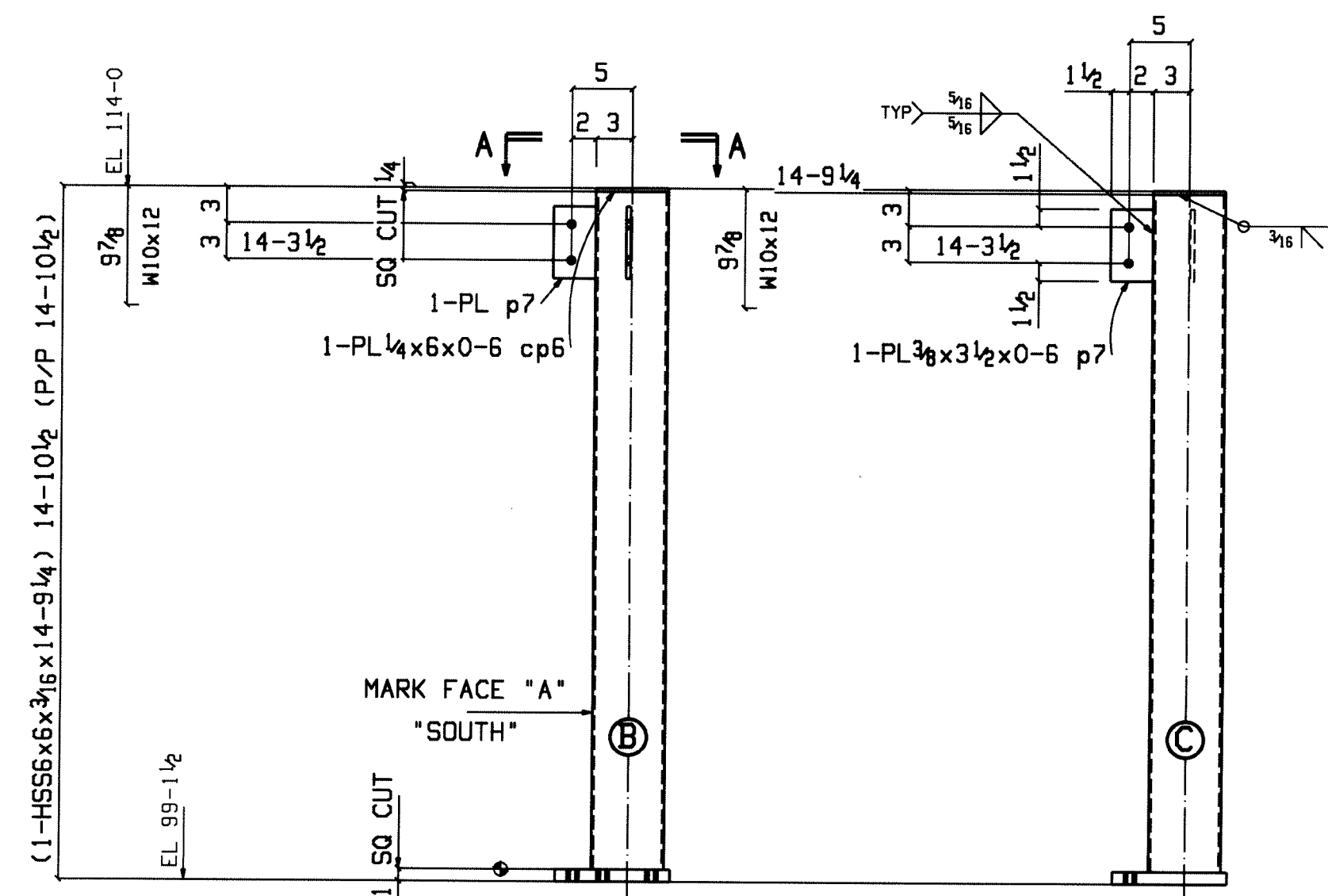
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REV. DATE

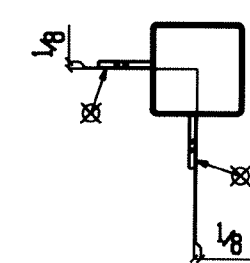


1771 US Highway 50 East
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PH: (615) 279-3023
FX: (615) 279-2005

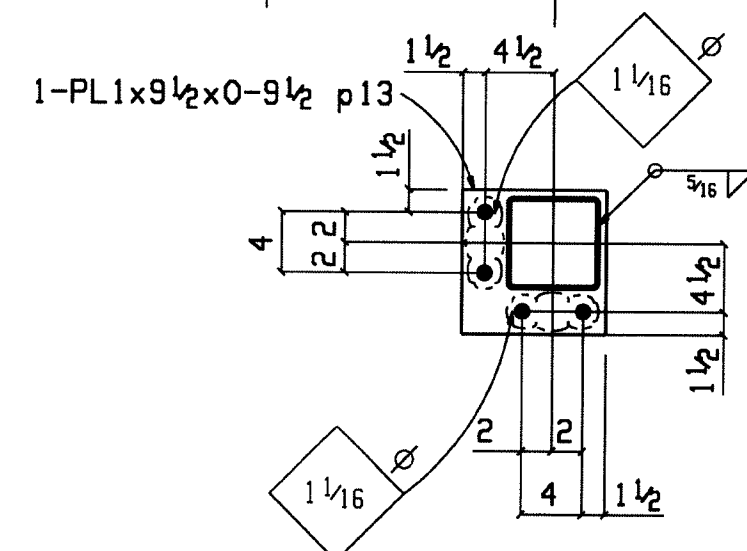
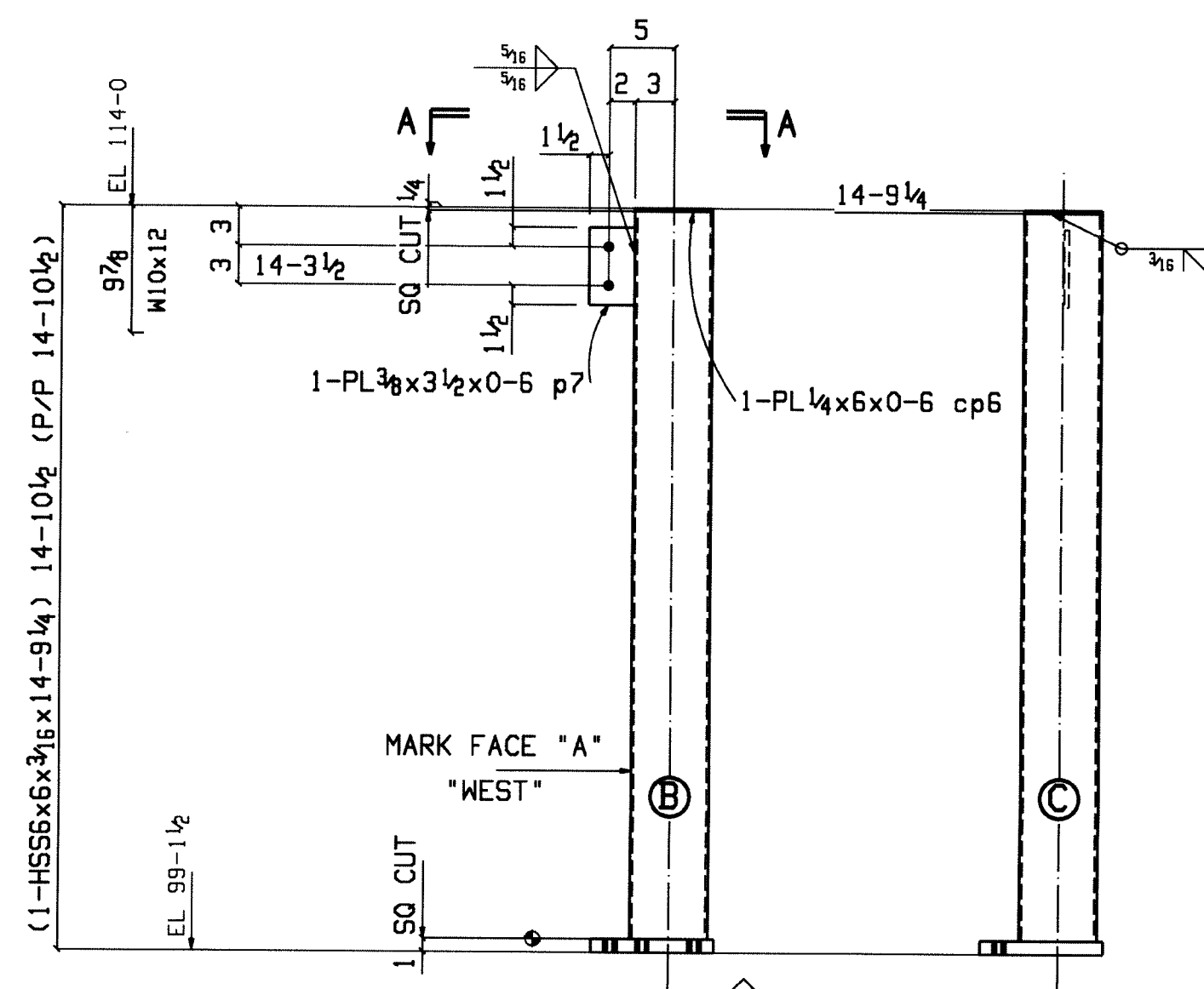


ONE COLUMN 301C1

AT GRID:
X & 33

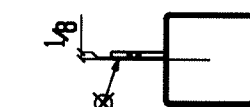


Section A-A
301C1



ONE COLUMN 301C2

AT GRID:
X & 34



Section A-A
301C2

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	WGT.
ONE	COLUMN		301C1		247
1	HSS6x6x3/16	14-9 1/4	ts6	S2E A500B	215
1	PL1x9 1/2	9 1/2	p13	A36	26
2	PL3/8x3 1/2	6	p7	A36	2
1	PL1/4x6	6	cp6	A36	3
ONE	COLUMN		301C2		245
1	HSS6x6x3/16	14-9 1/4	ts6	S2E A500B	215
1	PL1x9 1/2	9 1/2	p13	A36	26
1	PL3/8x3 1/2	6	p7	A36	2
1	PL1/4x6	6	cp6	A36	3

NOTES:

STEEL GRADES:

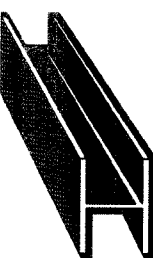
W SHAPES - A992
C SHAPES - A36
S SHAPES - .
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:

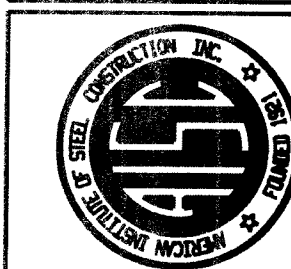
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1/16 DIA U.N
WELDS - E70XX

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FX: (615) 279-2005

Stone City



Ironworks, Inc.



DESCRIPTION - COLUMNS DETAIL
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN

CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

CHK BY:

DESCRIPTION OF REVISION:

REV. DATE:

DATE:

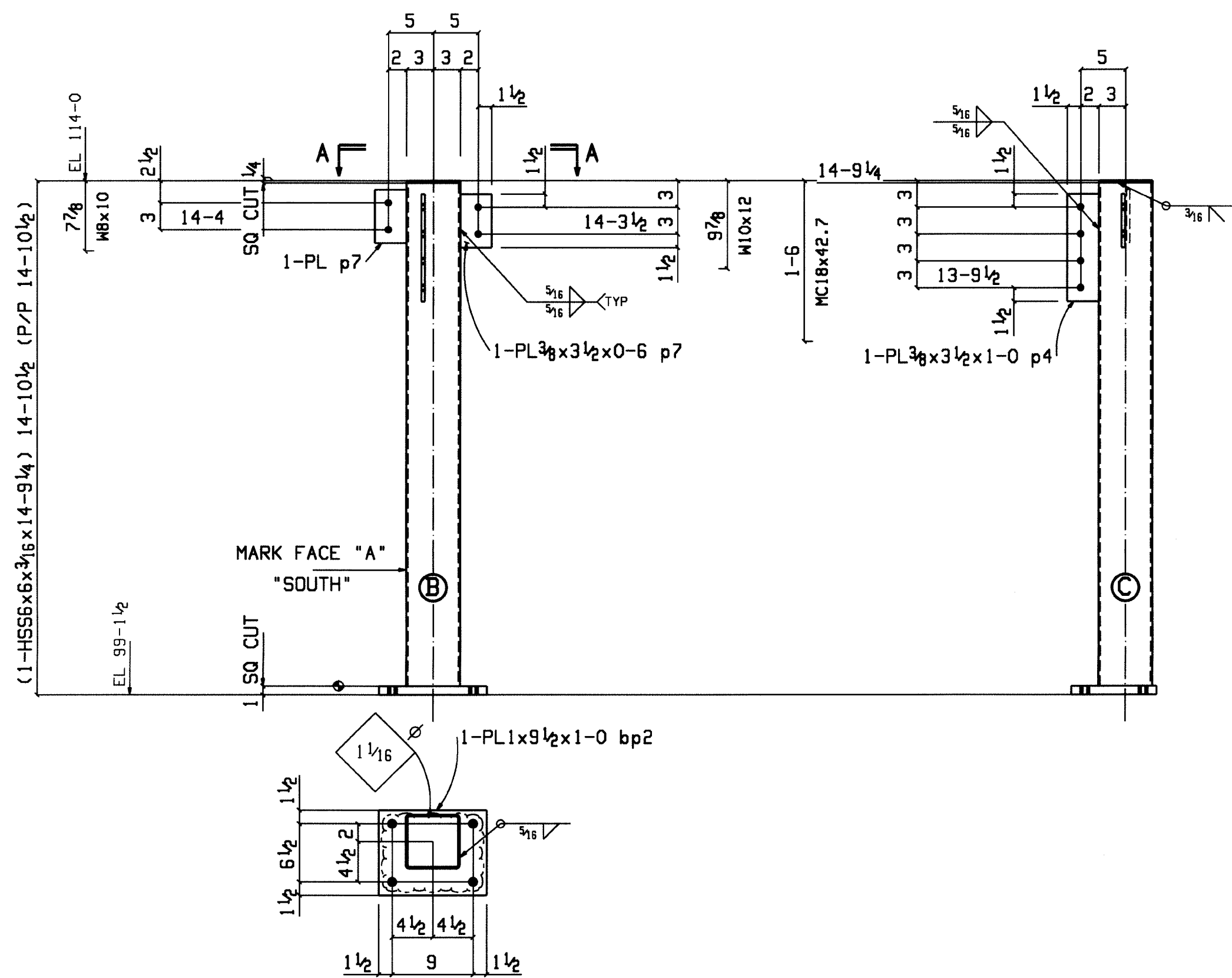
CHECKED BY:

DATE:

JOB NUMBER: 07-4-01775

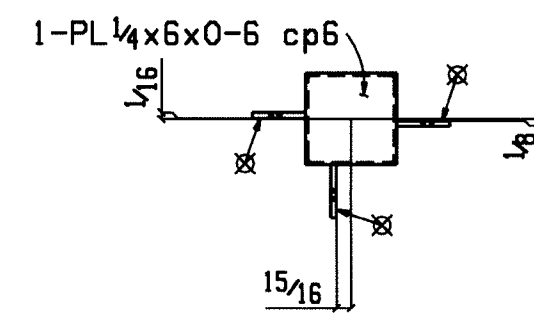
FOR FABRICATION/
FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

SHEET 301
REV 0

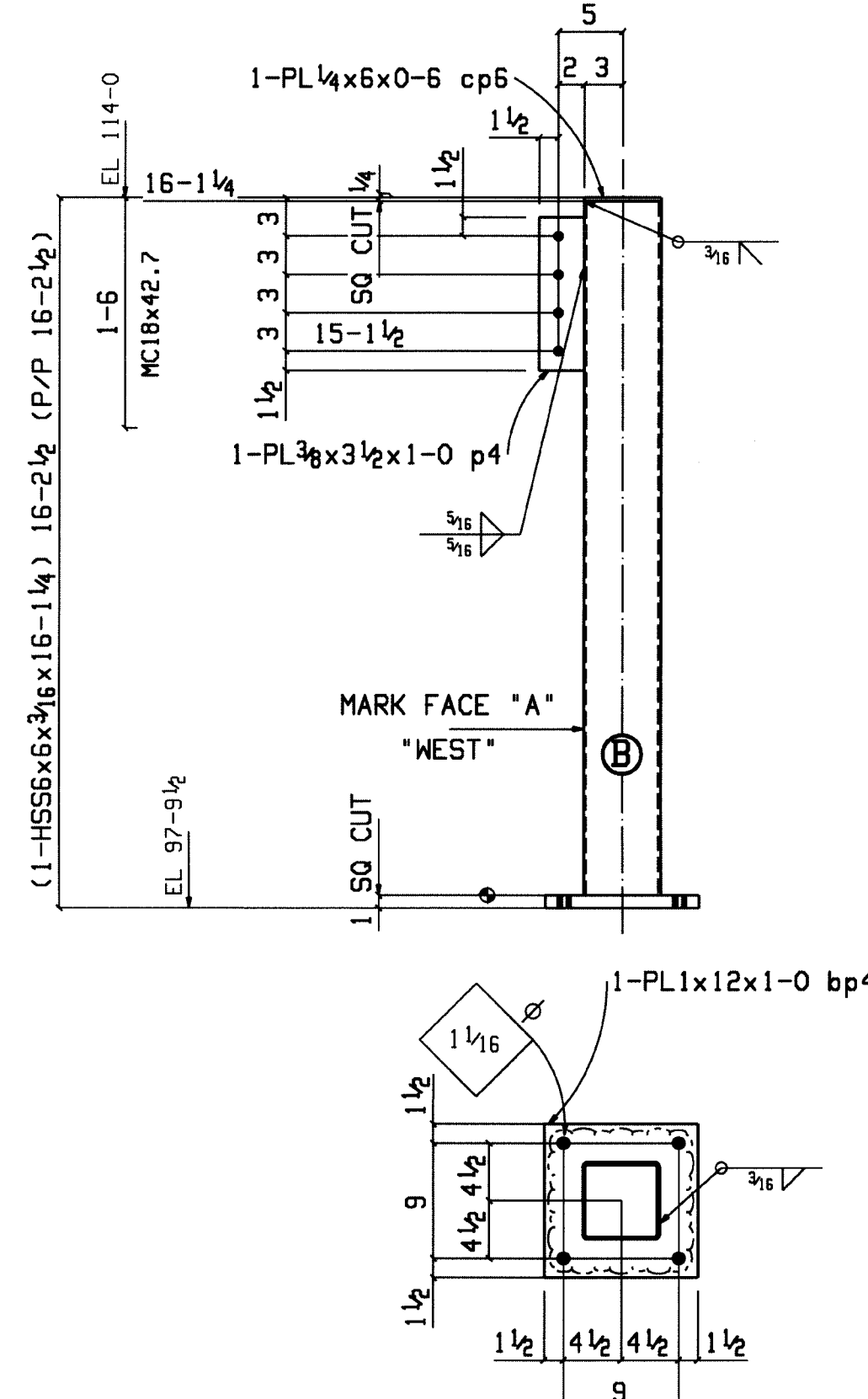


ONE COLUMN 302C1

AT GRID:
Y & 33



Section A-A
302C1



ONE COLUMN 302C2

AT GRID:
Y & 39

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	MGT.
Total					Unit
ONE	COLUMN		302C1		258
1	HSS6x6x3/16	14-9 1/4	ts6	S2E A500B	215
1	PL1x9 1/2	1-0	bp2	A36	32
1	PL3/8x3 1/2	1-0	p4	A36	4
2	PL3/8x3 1/2	6	p7	A36	2
1	PL1/4x6	6	cp6	A36	3
ONE	COLUMN		302C2		282
1	HSS6x6x3/16	16-1 1/4	ts4	S2E A500B	234
1	PL1x12	1-0	bp4	A36	41
1	PL3/8x3 1/2	1-0	p4	A36	4
1	PL1/4x6	6	cp6	A36	3

NOTES:

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 1/16 DIA U.N
WELDS - E70XX

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Stone City



Ironworks, Inc.



DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

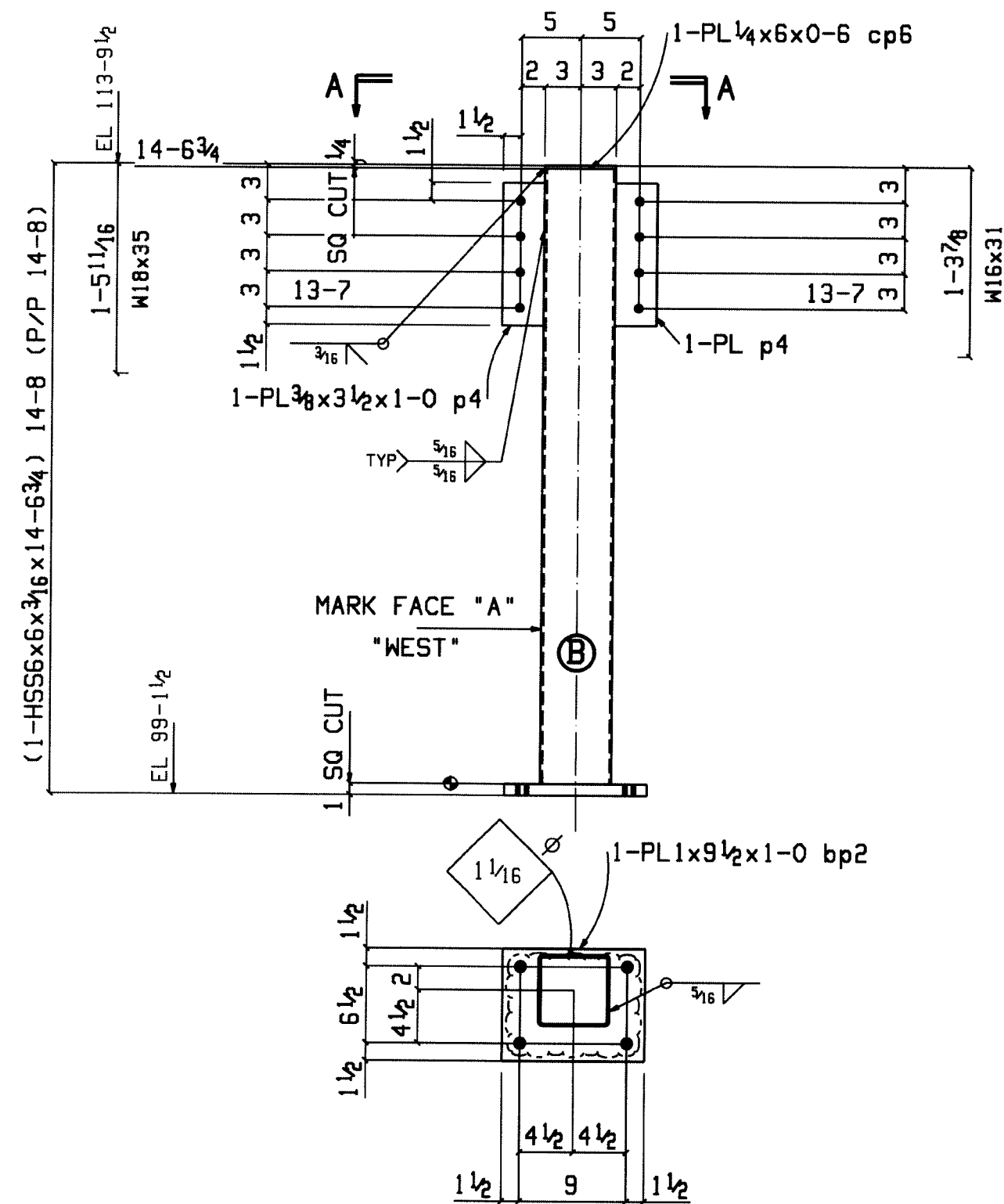
REV.	DATE	DESCRIPTION OF REVISION
1		
2		
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JOB NUMBER: 07-4-01775

FOR FABRICATION/
FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

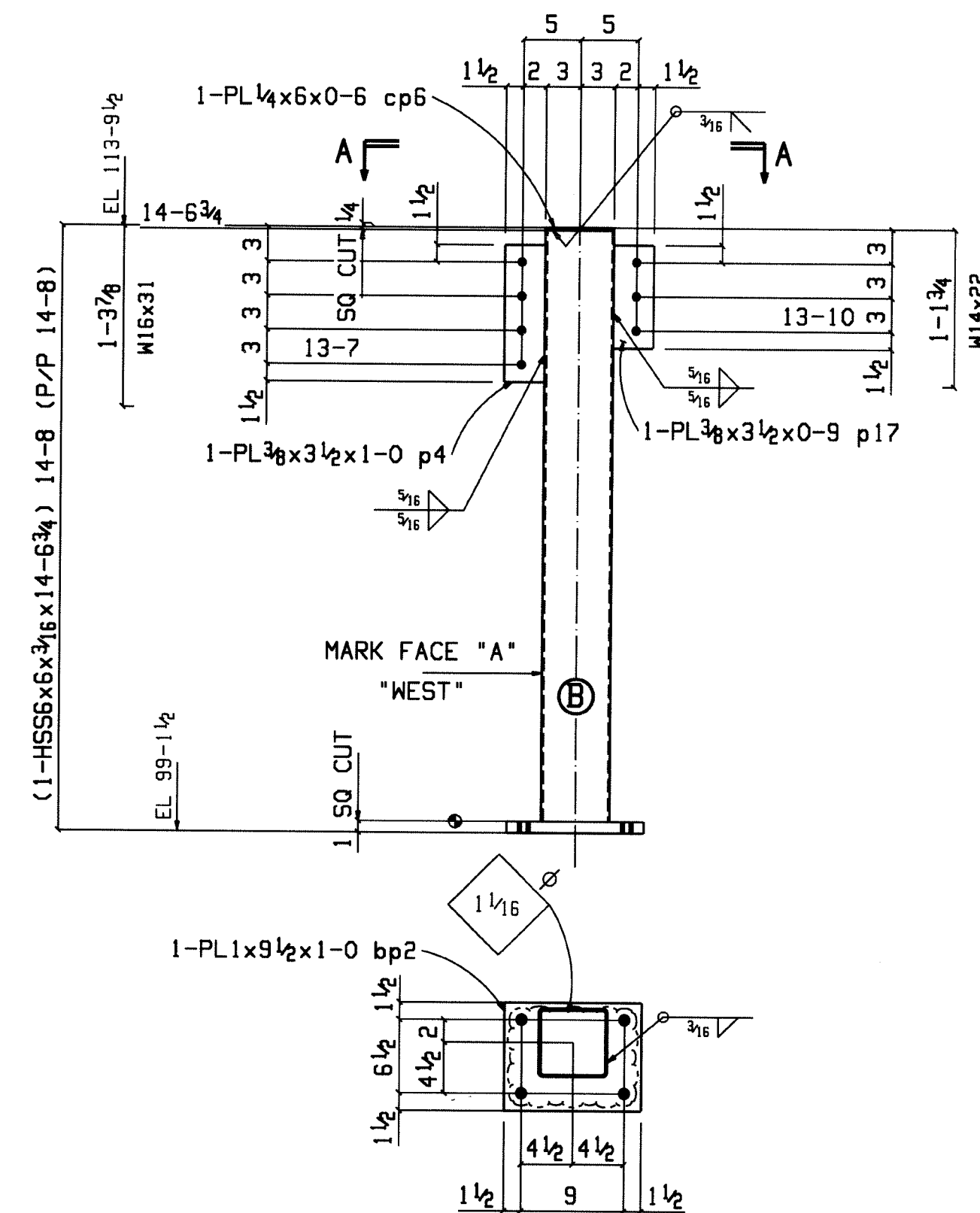
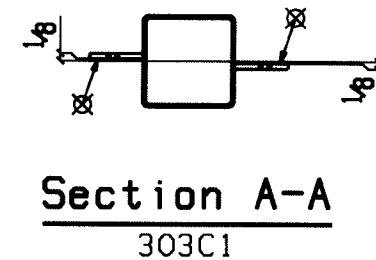
SHEET
302

REV
0



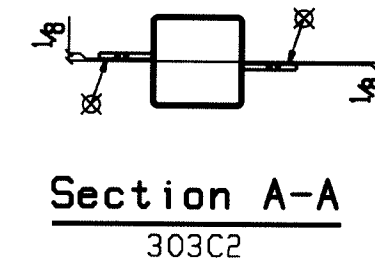
ONE COLUMN 303C1

AT GRID:
Z & 21



ONE COLUMN 303C2

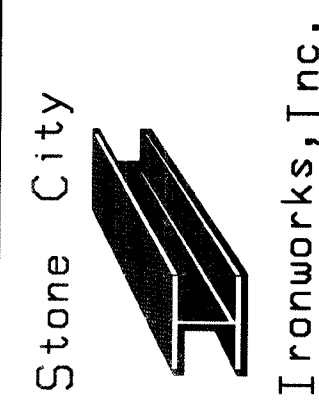
AT GRID:
Z & 24



BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	Unit	WGT.
Total	ONE COLUMN		303C1			255
1	HSS6x6x3/8	14-6 3/4	ts3	S2E A500B	212	
1	PL 1x9 1/2	1-0	bp2	A36	32	
2	PL 3/8x3 1/2	1-0	p4	A36	4	
1	PL 1/4x6	6	cp6	A36	3	
ONE COLUMN			303C2			254
1	HSS6x6x3/8	14-6 3/4	ts3	S2E A500B	212	
1	PL 1x9 1/2	1-0	bp2	A36	32	
1	PL 3/8x3 1/2	1-0	p4	A36	4	
1	PL 3/8x3 1/2	9	p17	A36	3	
1	PL 1/4x6	6	cp6	A36	3	

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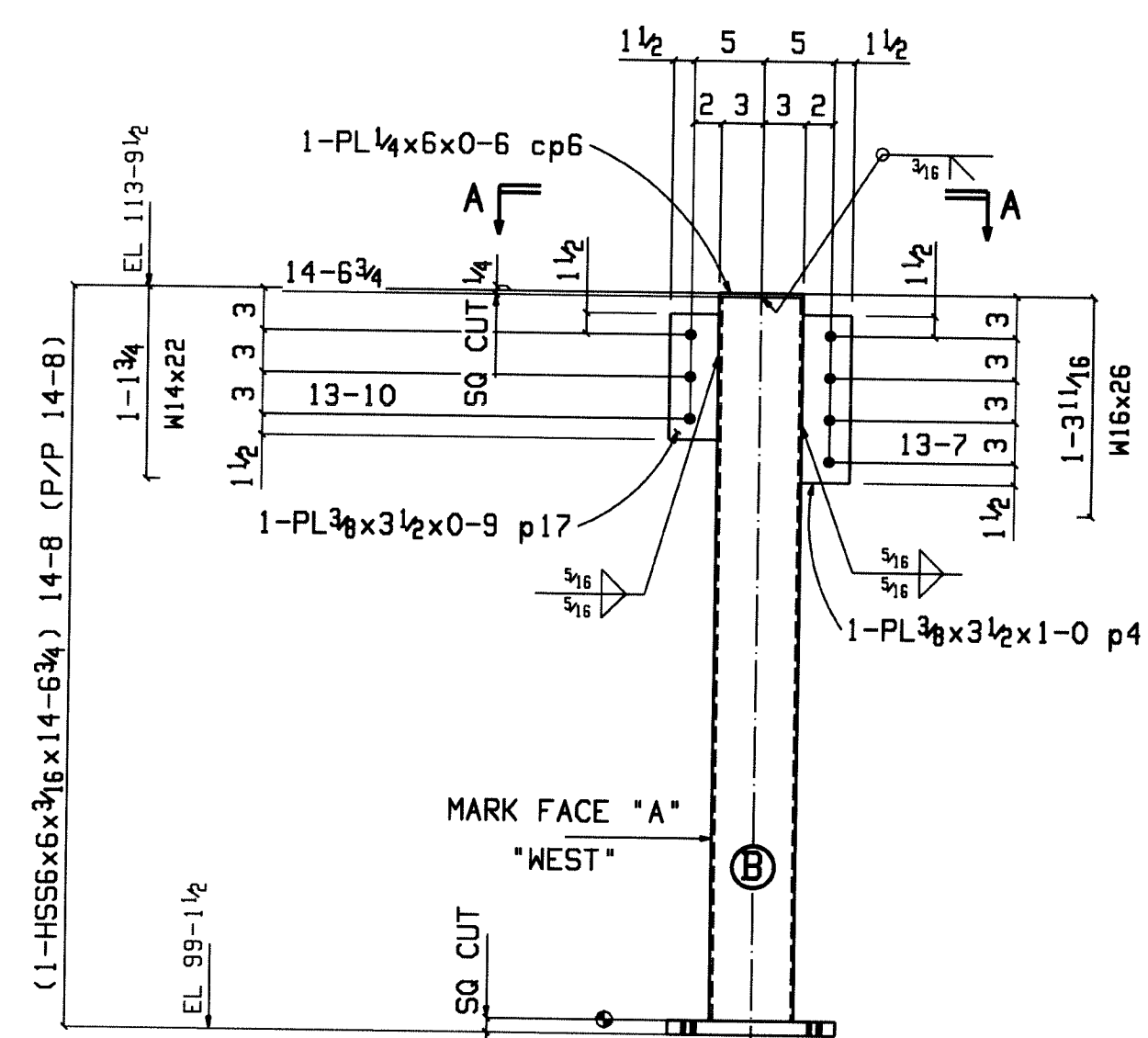
DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

REV.	DATE	DESCRIPTION OF REVISION	CHK BY
1			
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5			

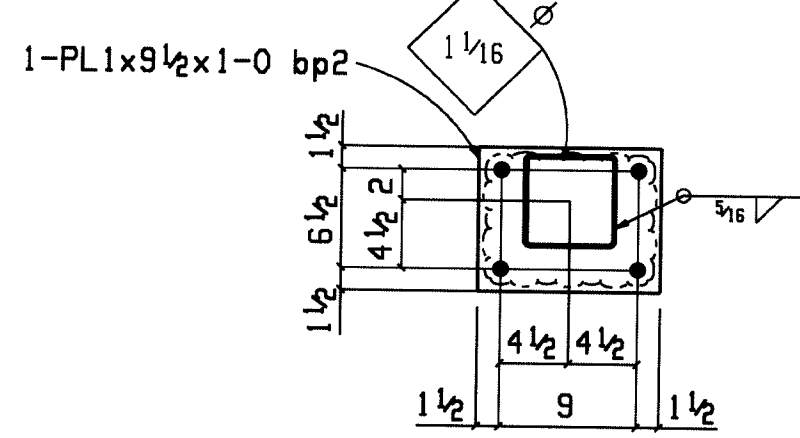
NOTES:

STEEL GRADES:	SHOP NOTES:
W SHAPES - A992	SHOP COATING - ONE COAT RED PRIMER
C SHAPES - A36	SURFACE PERP - SEE SPEC
S SHAPES - .	BOLTS - 3/4 DIA A325 w/ N & W
ANGLES - A36	HOLES - 1/8 DIA U.N
PLATES - A36	WELDS - E70XX
HSS/TS - A500 Gr B	
PIPE - A53 Gr B	

JOB NUMBER: 07-4-01775	FOR FABRICATION/ FIELD	X
FOR APPROVAL ONLY (DO NOT FAB)		-
SHEET	REV	
303	0	

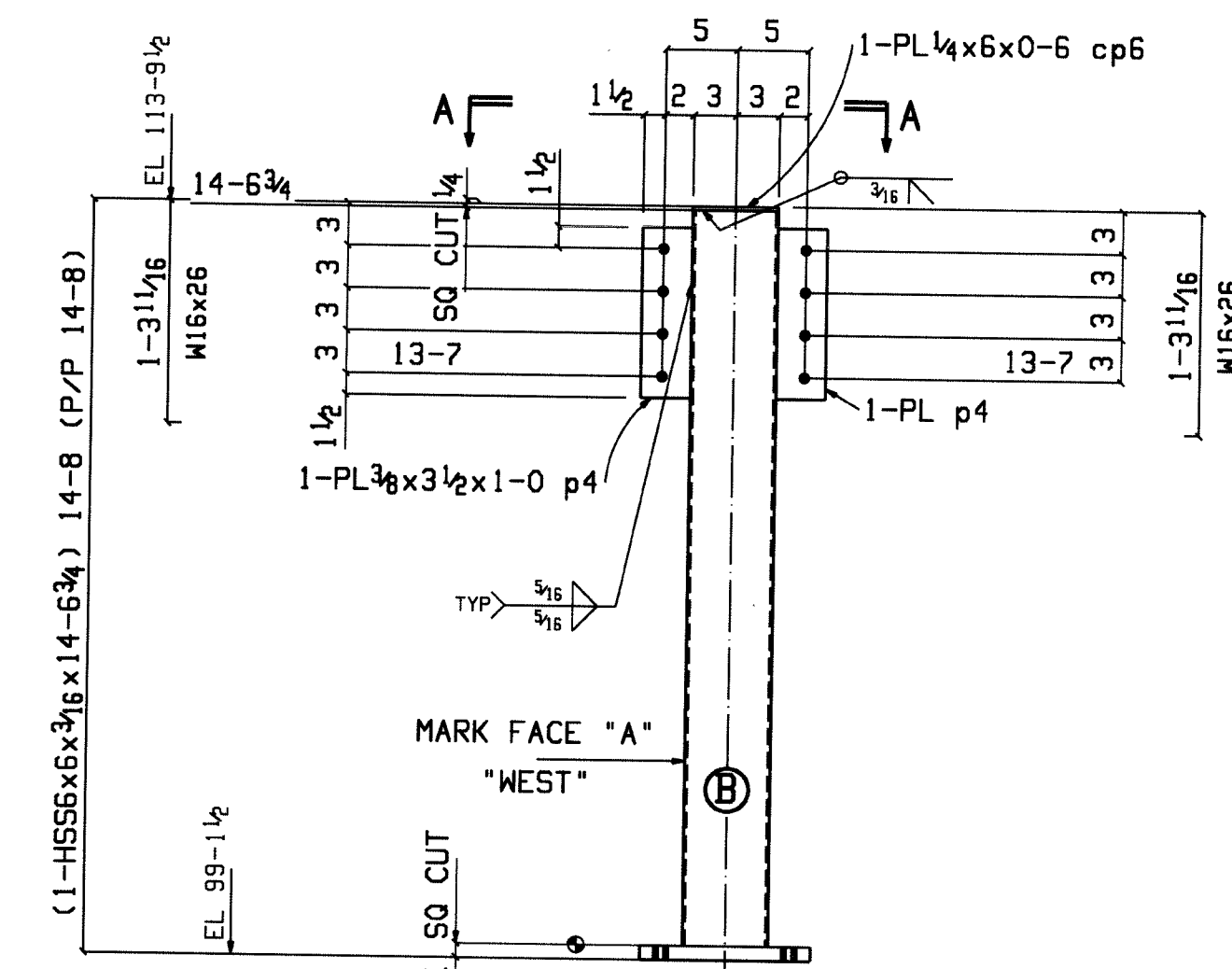


Section A-A
304C1

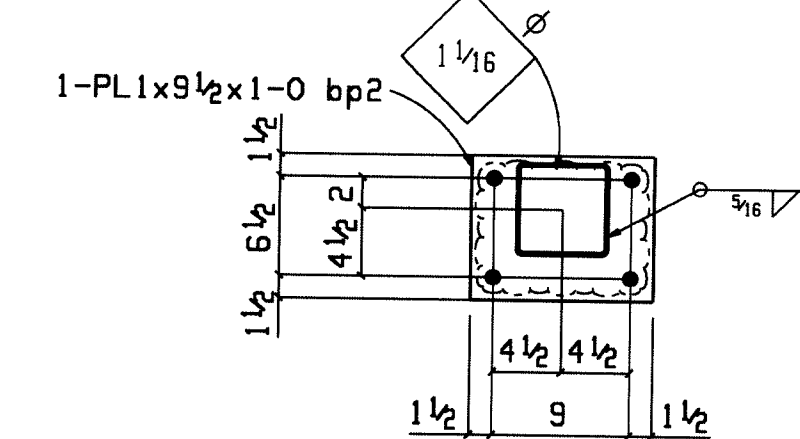


ONE COLUMN 304C1

AT GRID:
Z & 26



Section A-A
304C2



ONE COLUMN 304C2

AT GRID:
Z & 29

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	Unit	WGT.
Total						
ONE	COLUMN		304C1			254
1	HSS6x6x3/16	14-6 3/4	ts3	S2E A500B		212
1	PL1x9 1/2	1-0	bp2	A36		32
1	PL3/8x3 1/2	1-0	p4	A36		4
1	PL3/8x3 1/2	9	p17	A36		3
1	PL1/4x6	6	cp6	A36		3
ONE	COLUMN		304C2			255
1	HSS6x6x3/16	14-6 3/4	ts3	S2E A500B		212
1	PL1x9 1/2	1-0	bp2	A36		32
2	PL3/8x3 1/2	1-0	p4	A36		4
1	PL1/4x6	6	cp6	A36		3

NOTES:

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 1/16 DIA U.N
WELDS - E70XX

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005

Stone City Ironworks, Inc.

DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

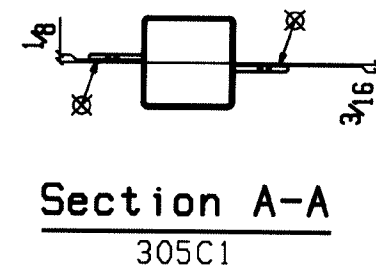
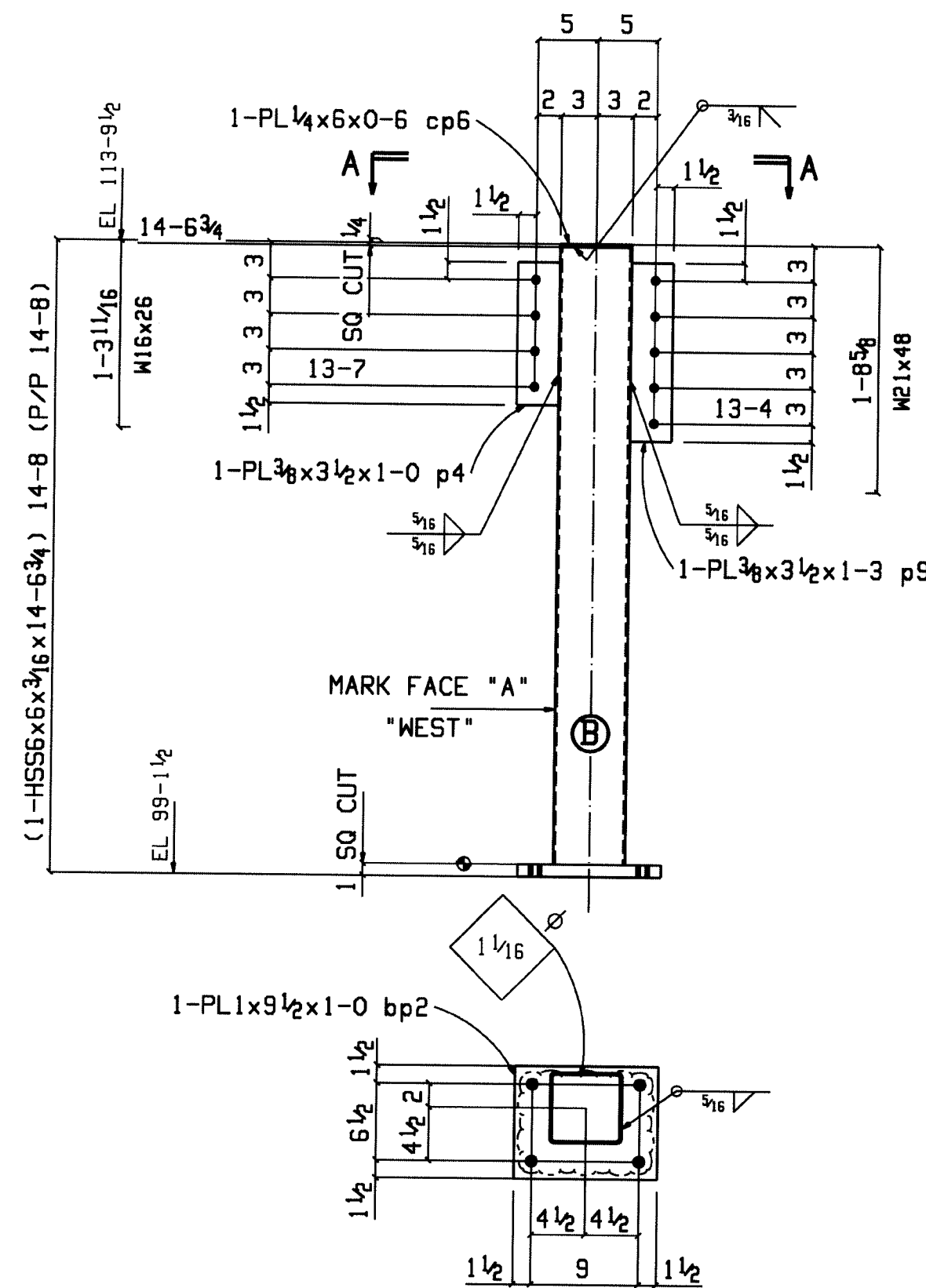
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DRAWN BY: DATE: CHECKED BY: DATE:

JOB NUMBER: 07-4-01775

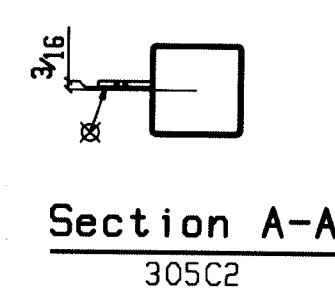
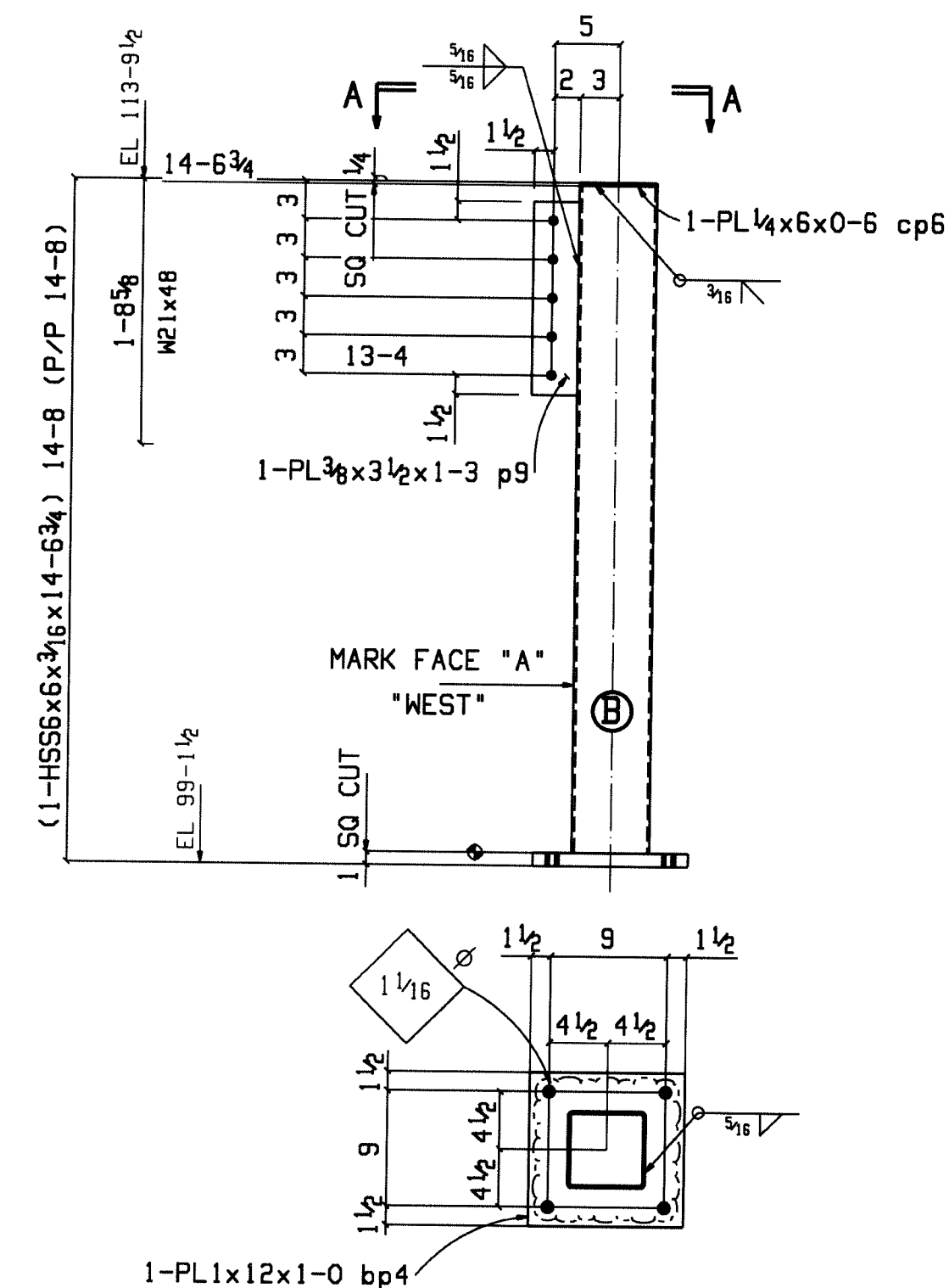
FOR FABRICATION/ FIELD X
FOR APPROVAL ONLY -
(DO NOT FAB)

SHEET 304 REV 0



ONE COLUMN 305C1

AT GRID:
Z & 32



ONE COLUMN 305C2

AT GRID:
Z & 39

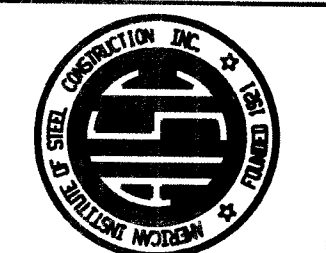
BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	MGT.
Total					
ONE COLUMN			305C1		257
1	HSS6x6x3/16	14-6 3/4	ts3	S2E A500B	212
1	PL1x9 1/2	1-0	bp2	A36	32
1	PL3/8x3 1/2	1-3	p9	A36	6
1	PL3/8x3 1/2	1-0	p4	A36	4
1	PL1/4x6	6	cp6	A36	3

ONE COLUMN			305C2		261
1	HSS6x6x3/16	14-6 3/4	ts3	S2E A500B	212
1	PL1x12	1-0	bp4	A36	41
1	PL3/8x3 1/2	1-3	p9	A36	6
1	PL1/4x6	6	cp6	A36	3

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PH: (615) 279-3023
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Stone City
Ironworks, Inc.



DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBRALTAR DESIGN
ENGINEER - GIBRALTAR DESIGN

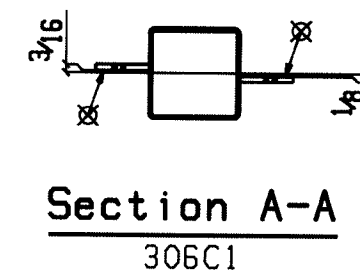
REV.	DATE	DESCRIPTION OF REVISION	CHK BY
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JOB NUMBER: 07-4-01775	FOR FABRICATION/ FIELD	X
FOR APPROVAL ONLY (DO NOT FAB)		
SHEET	REV	
305	0	

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 3/16 DIA U.N
WELDS - E70XX

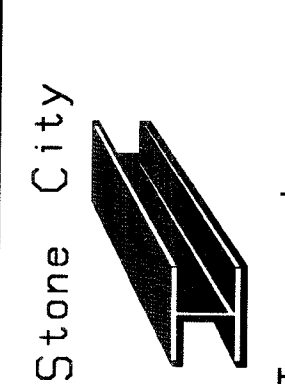
NOTES:



AT GRID:
AA & 21

QTY.					MGT.
Total	Description	Length	Mark	Remarks	Unit
ONE	COLUMN		306C1		268
1	HSS6x3/16	14-9 1/4	ts6	S2E A500B	21
1	PL1x12	1-0	bp4	A36	4
1	PL3/8x3 1/2	1-3	p9	A36	6
1	PL3/8x3 1/2	1-0	p4	A36	4
1	PL1/4x6	6	cp6	A36	3

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BEDFORD, TN 47421
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FX: (812)279-2005



DESCRIPTION - COLUMN DETAILS
- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN
CUSTOMER
- MSD OF LAWRENCE TOWNSHIP
ARCHITECT
- GIBBALTAL DESIGN
ENGINEER
- GIBBALTAL DESIGN

REV.	DATE:	DESCRIPTION OF REVISION:	CHK BY:
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DRAWN BY _____
 DATE _____
 CHECKED BY _____
 DATE _____

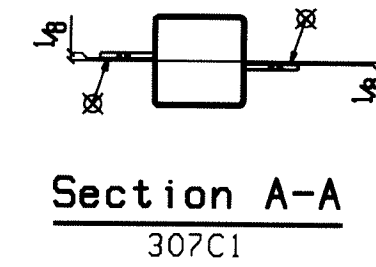
FOR NUMBER _____

FOR FABRICATION/ FIELD	X
FOR APPROVAL ONLY (DO NOT FAB)	-

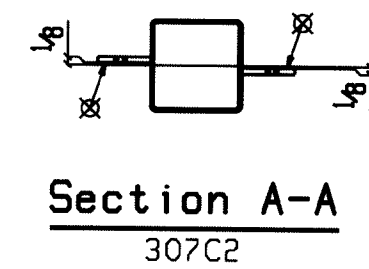
SHEET	REV
306	0

STEEL GRADES:	
W SHAPES	- A992
C SHAPES	- A36
S SHAPES	- .
ANGLES	- A36
PLATES	- A36
HSS/TS	- A500 Gr B
PIPE	- A53 Gr B

<u>SHOP NOTES:</u>	
SHOP COATING -	ONE COAT RED PRIMER
SURFACE PERP -	SEE SPEC
BOLTS	- 3/4 DIA A325 w/ N & W
HOLES	- 1 3/16 DIA U.N
WELDS	- E70XX



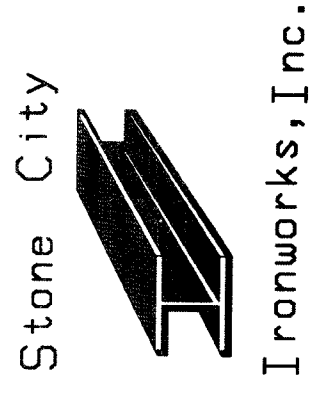
Section A-A
307C1



Section A-A
307C2

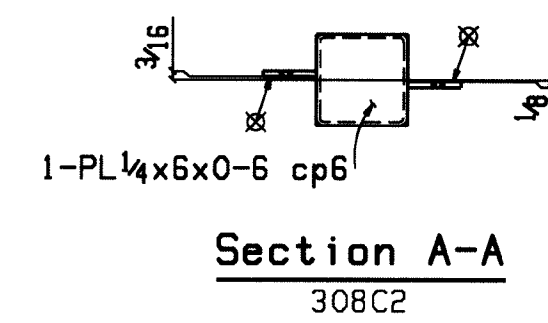
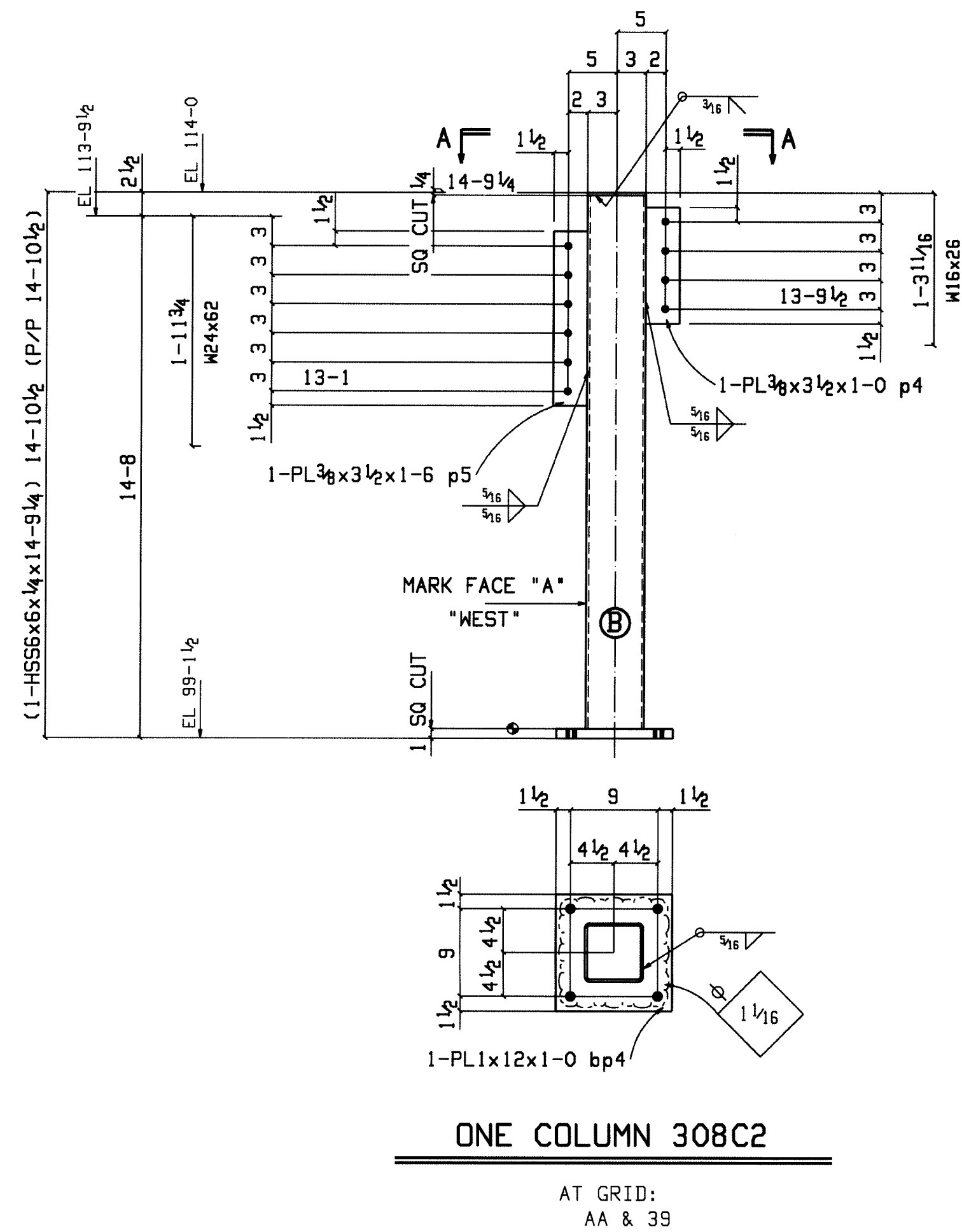
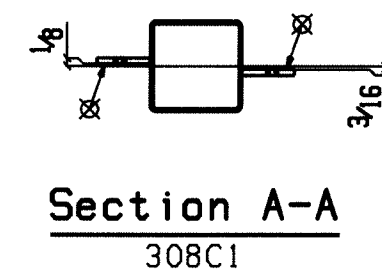
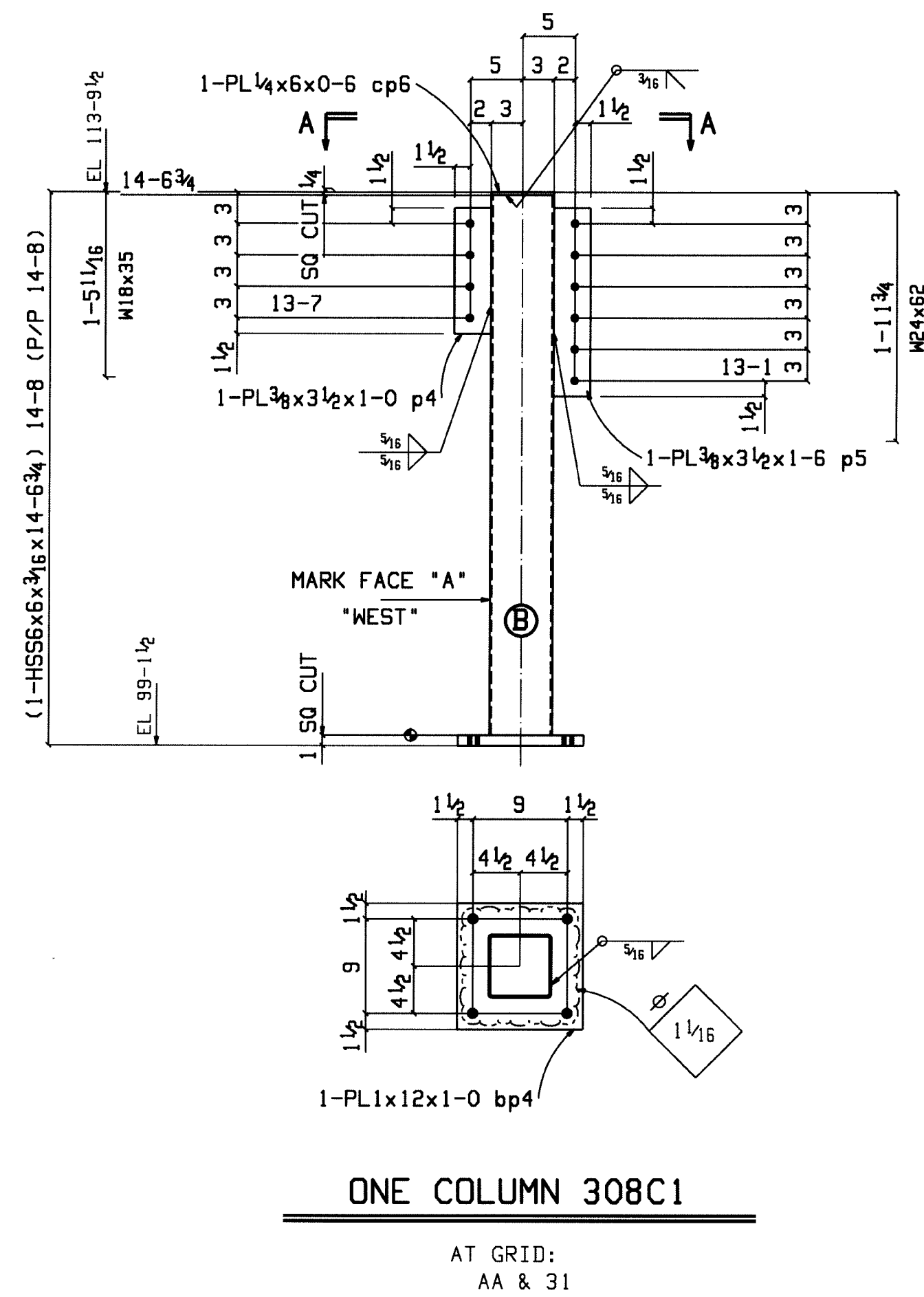
NOTES:	
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1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005



DESCRIPTION	- COLUMN DETAILS
PROJECT	- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN
CUSTOMER	- MSD OF LAWRENCE TOWNSHIP
ARCHITECT	- GIBRALTAR DESIGN
ENGINEER	- GIBRALTAR DESIGN

FOR FAB & FIELD USE 5-02-08



BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	WGT.
Total					Unit
ONE COLUMN			308C1		266
1	HSS6x6x3/16	14-6 3/4	ts3	S2E A500B	212
1	PL1x12	1-0	bp4	A36	41
1	PL3/8x3 1/2	1-6	p5	A36	7
1	PL3/8x3 1/2	1-0	p4	A36	4
1	PL1/4x6	6	cp6	A36	3
ONE COLUMN			308C2		335
1	HSS6x6x1/4	14-9 1/4	ts10	S2E A500B	281
1	PL1x12	1-0	bp4	A36	41
1	PL3/8x3 1/2	1-6	p5	A36	7
1	PL3/8x3 1/2	1-0	p4	A36	4
1	PL1/4x6	6	cp6	A36	3

NOTES:

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 13/16 DIA U.N
WELDS - E70XX

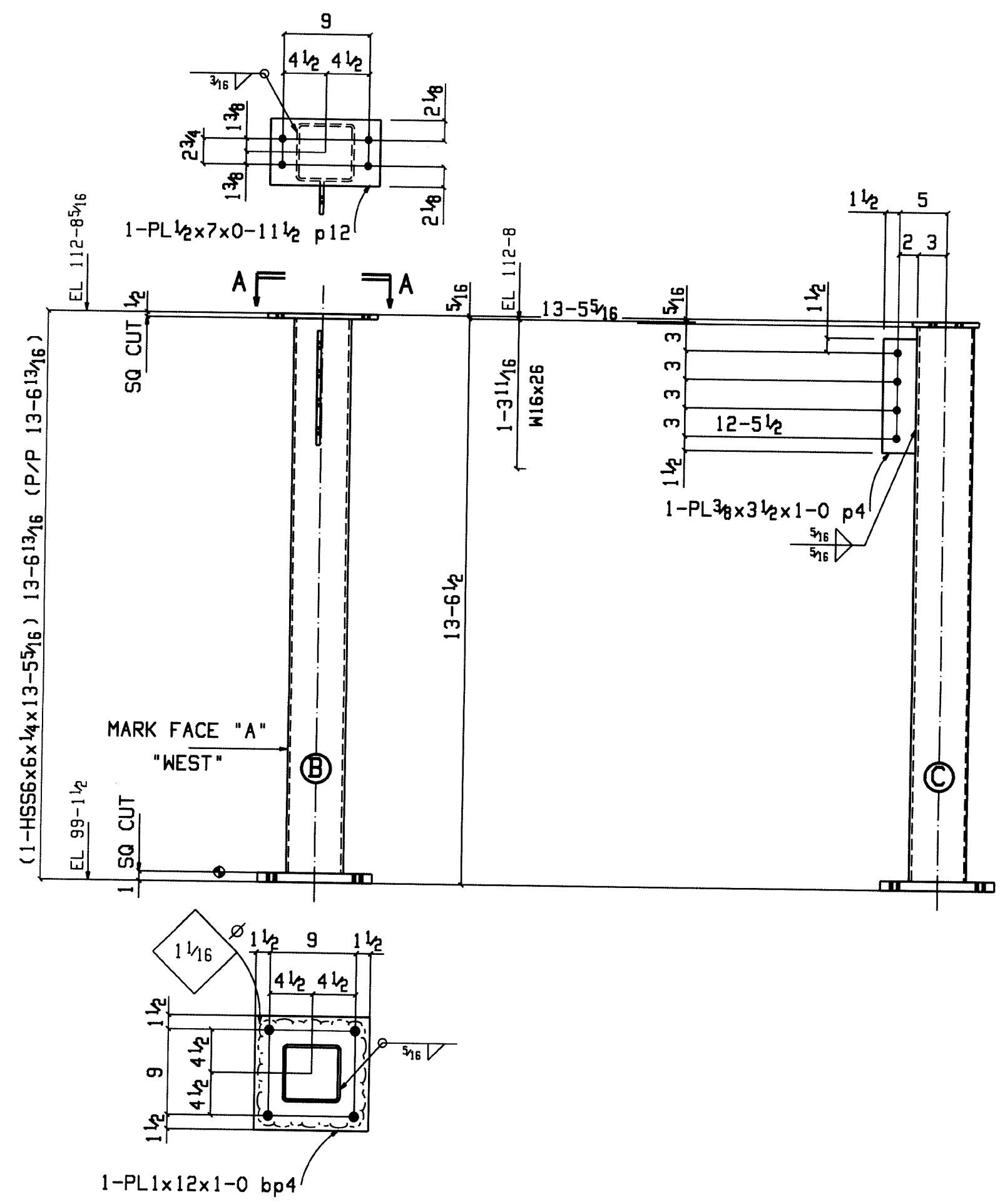
Stone City
1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005
Ironworks, Inc.



DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSJ OF LAWRENCE TOWNSHIP
ARCHITECT - GIBALTAR DESIGN
ENGINEER - GIBALTAR DESIGN

REV.	DATE	DESCRIPTION OF REVISION	OK BY:
1			
2			
3			
4			
5			

JOB NUMBER: 07-4-01775	FOR FABRICATION/ FIELD	X
	FOR APPROVAL ONLY (DO NOT FAB)	-
SHEET	REV	
308	0	



Section A-A
309C1

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	WGT.
Total	ONE COLUMN		309C1		312
1	HSS6x6x1/4	13-5 5/8	ts1	S2E A500B	256
1	PL1x12	1-0	bp4	A36	41
1	PL1/2x7	11 1/2	p12	A36	11
1	PL3/8x3 1/2	1-0	p4	A36	4

Stone City
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Ironworks, Inc.



DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBALTAR DESIGN
ENGINEER - GIBALTAR DESIGN

NOTES:

STEEL GRADES:

W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:

SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 3/16 DIA U.N
WELDS - E70XX

REV.	DATE	DESCRIPTION OF REVISION	CHK BY
1			
2			
3			
4			
5			

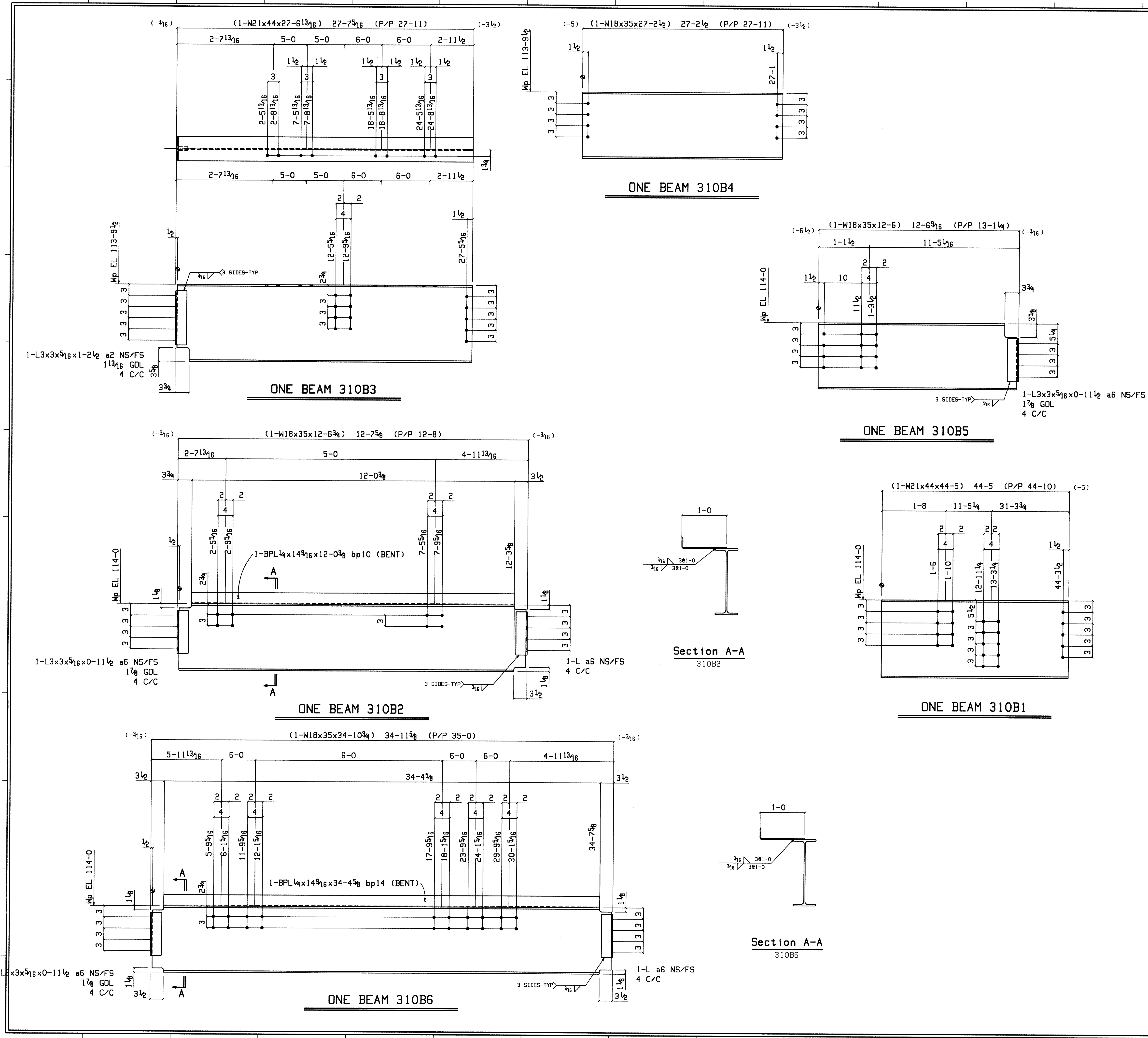
DRAWN BY
DATE
CHECKED BY
DATE

JOB NUMBER: 07-4-01775

FOR FABRICATION/
FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

SHEET
309

REV
0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
ONE BEAM					
1	W21x44	44-5	w12	A992	1954
FIELD BOLTS					
5	3/4 Dia A325N	2		1HD WASH	
ONE BEAM					
1	W18x35	12-6 3/4	w44	A992	612
4	L3x3x5/16	11 1/2	a6	A36	440
1	BPL 1/4x14 3/16	12-0 3/8	bp10	BENT A36	149
FIELD BOLTS					
8	3/4 Dia A325N	1 3/4		1HD WASH	
ONE BEAM					
1	W21x44	27-6 13/16	w85	A992	1228
2	L3x3x5/16	1-2 1/2	a2	A36	1213
FIELD BOLTS					
7	3/4 Dia A325N	2		1HD WASH	
18	3/4 Dia A325N	1 3/4		1HD WASH	
ONE BEAM					
1	W18x35	27-2 1/2	w7	A992	952
FIELD BOLTS					
8	3/4 Dia A325N	1 3/4		1HD WASH	
ONE BEAM					
1	W18x35	12-6	w46	A992	449
2	L3x3x5/16	11 1/2	a6	A36	438
FIELD BOLTS					
4	3/4 Dia A325N	1 3/4		1HD WASH	
ONE BEAM					
1	W18x35	34-10 3/4	w66	A992	1672
4	L3x3x5/16	11 1/2	a6	A36	1221
1	BPL 1/4x14 3/16	34-4 5/8	bp14	BENT A36	427
FIELD BOLTS					
8	3/4 Dia A325N	2 1/4		1HD WASH	

NOTES:

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1/2 DIA U.N
WELDS - E70XX

FOR FABRICATION/ FIELD X
FOR APPROVAL ONLY (DO NOT FAB) -

SHEET 310
REV 0

1771 US Highway 50 East
BEDFORD, TN 37021
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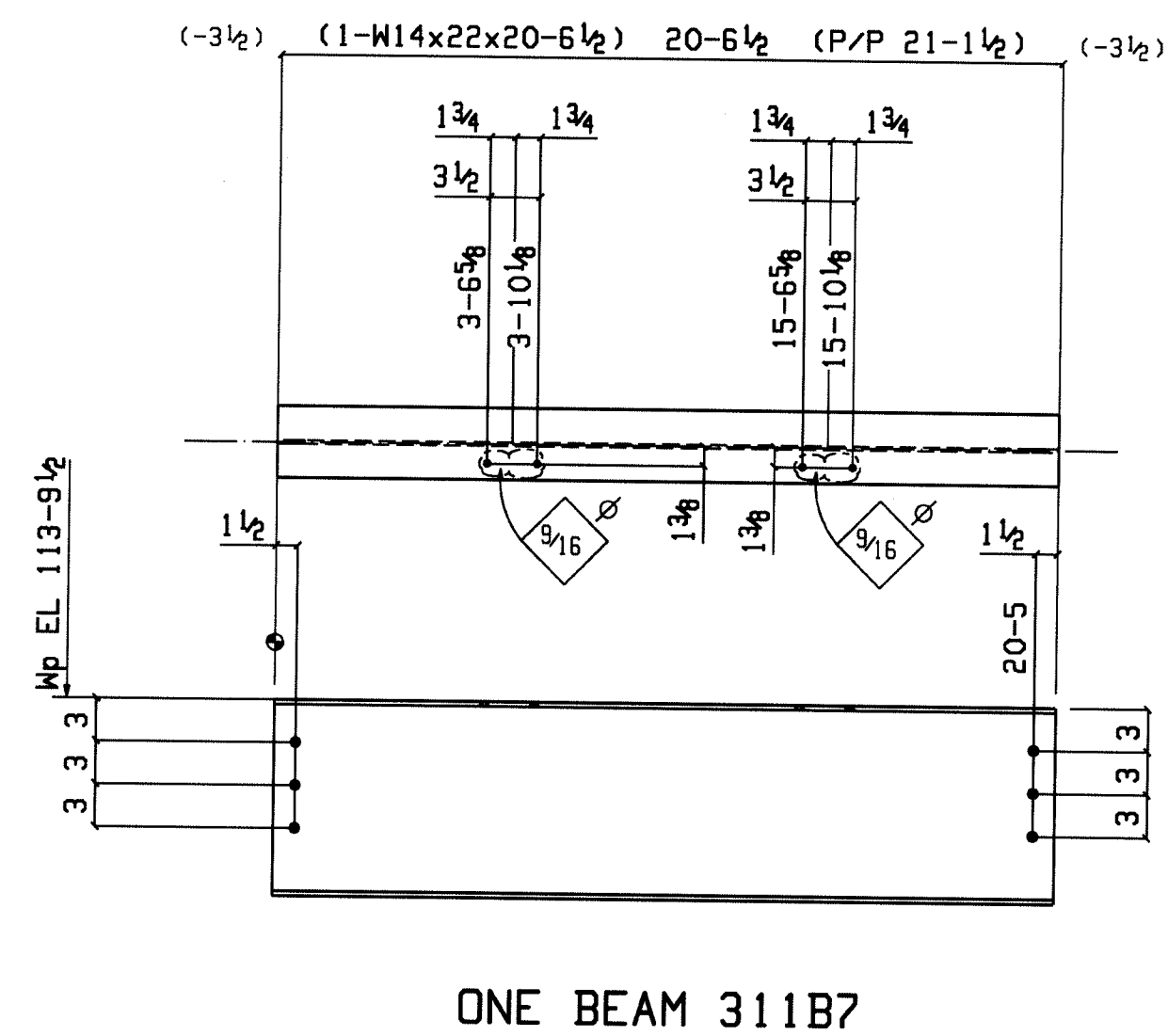
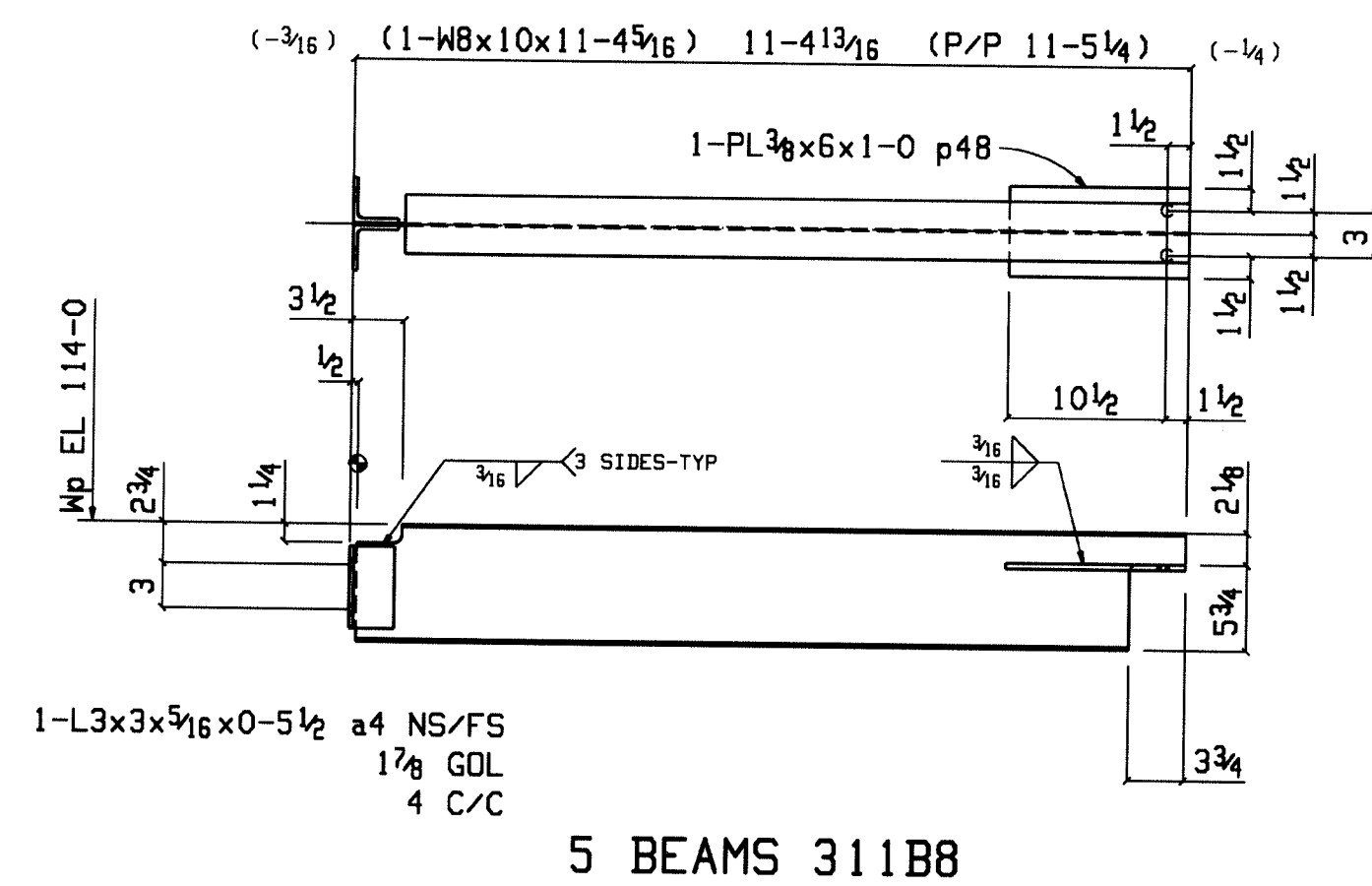
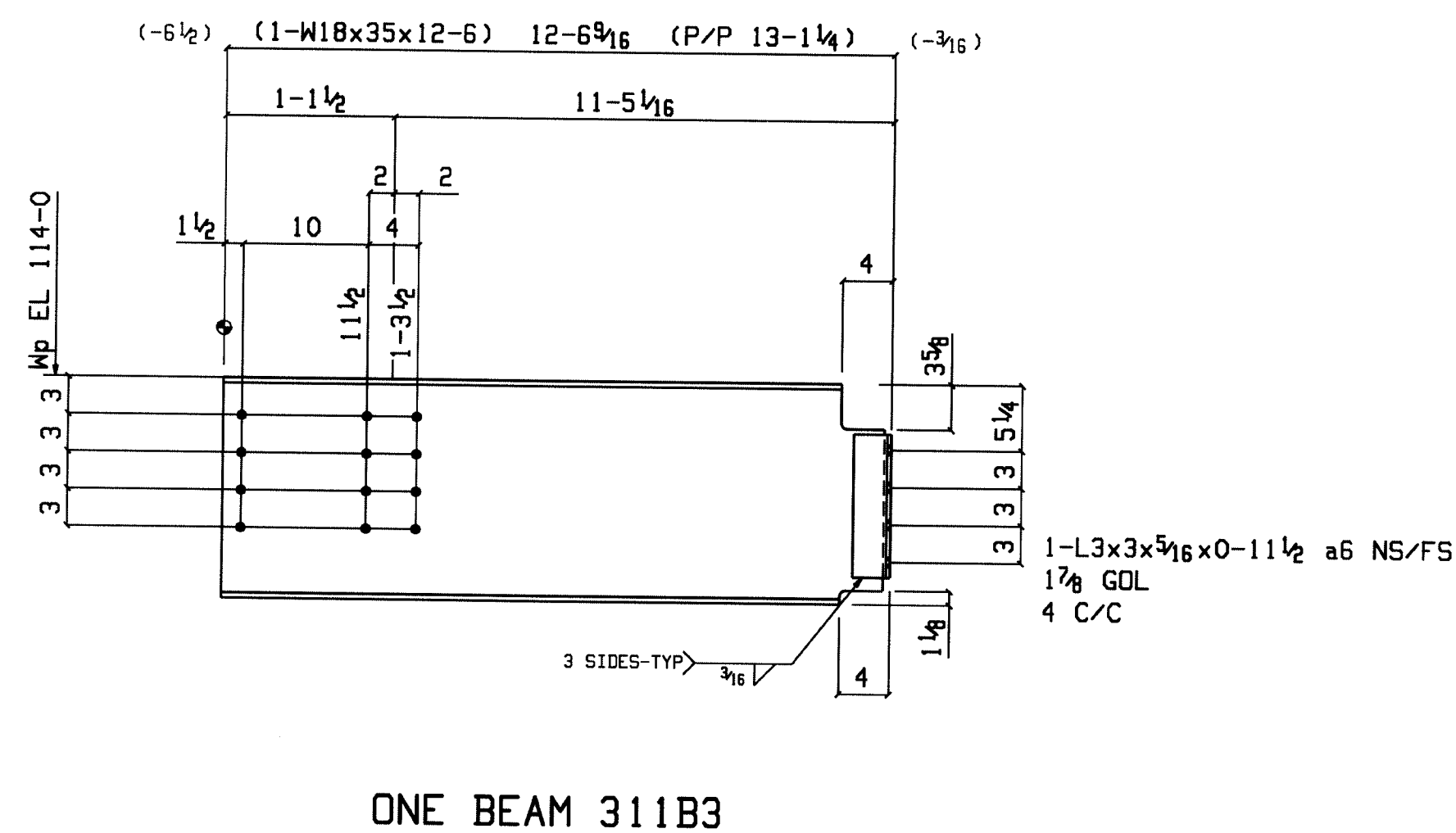
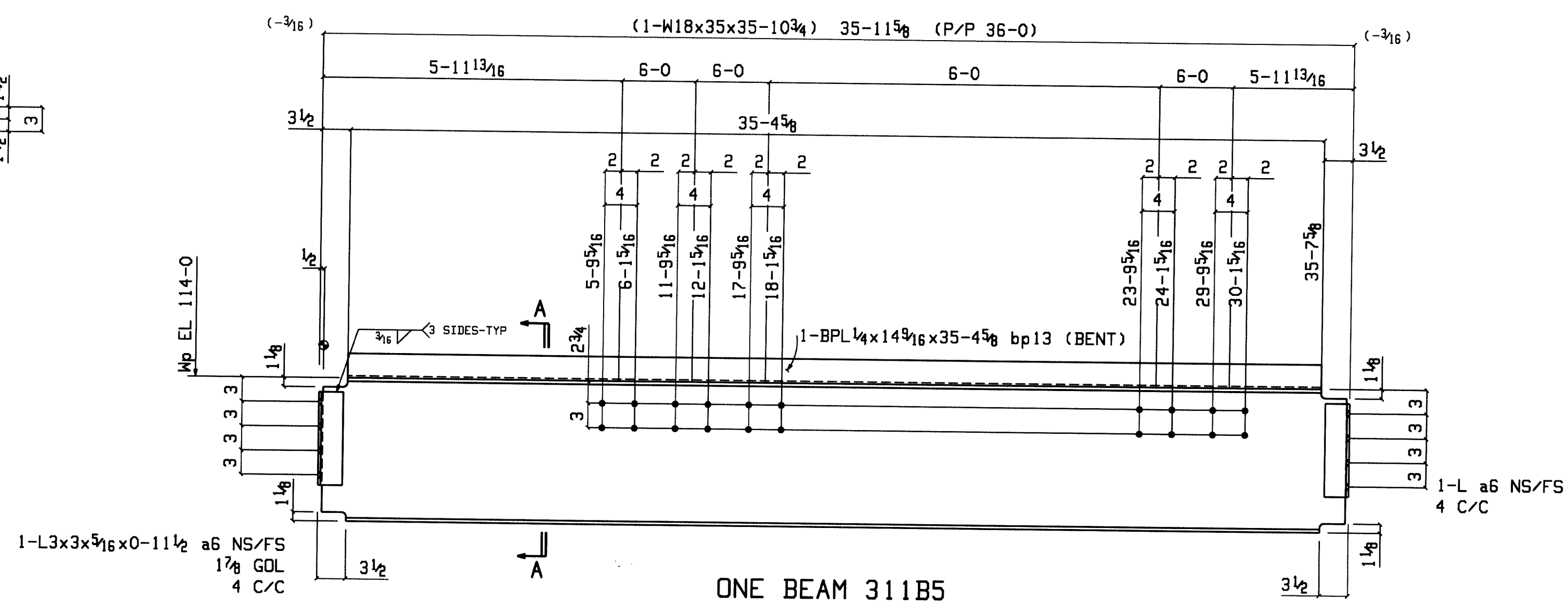
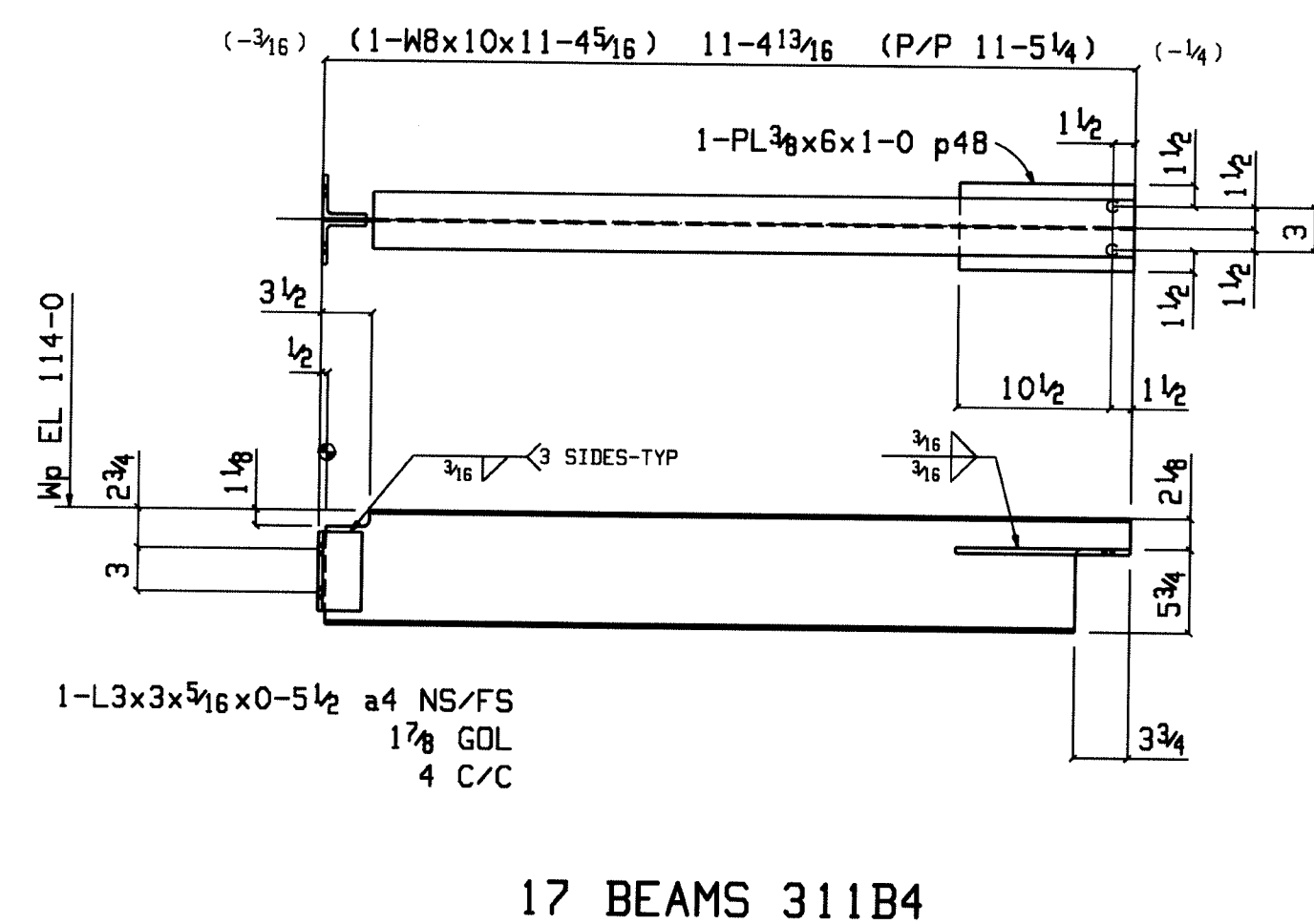
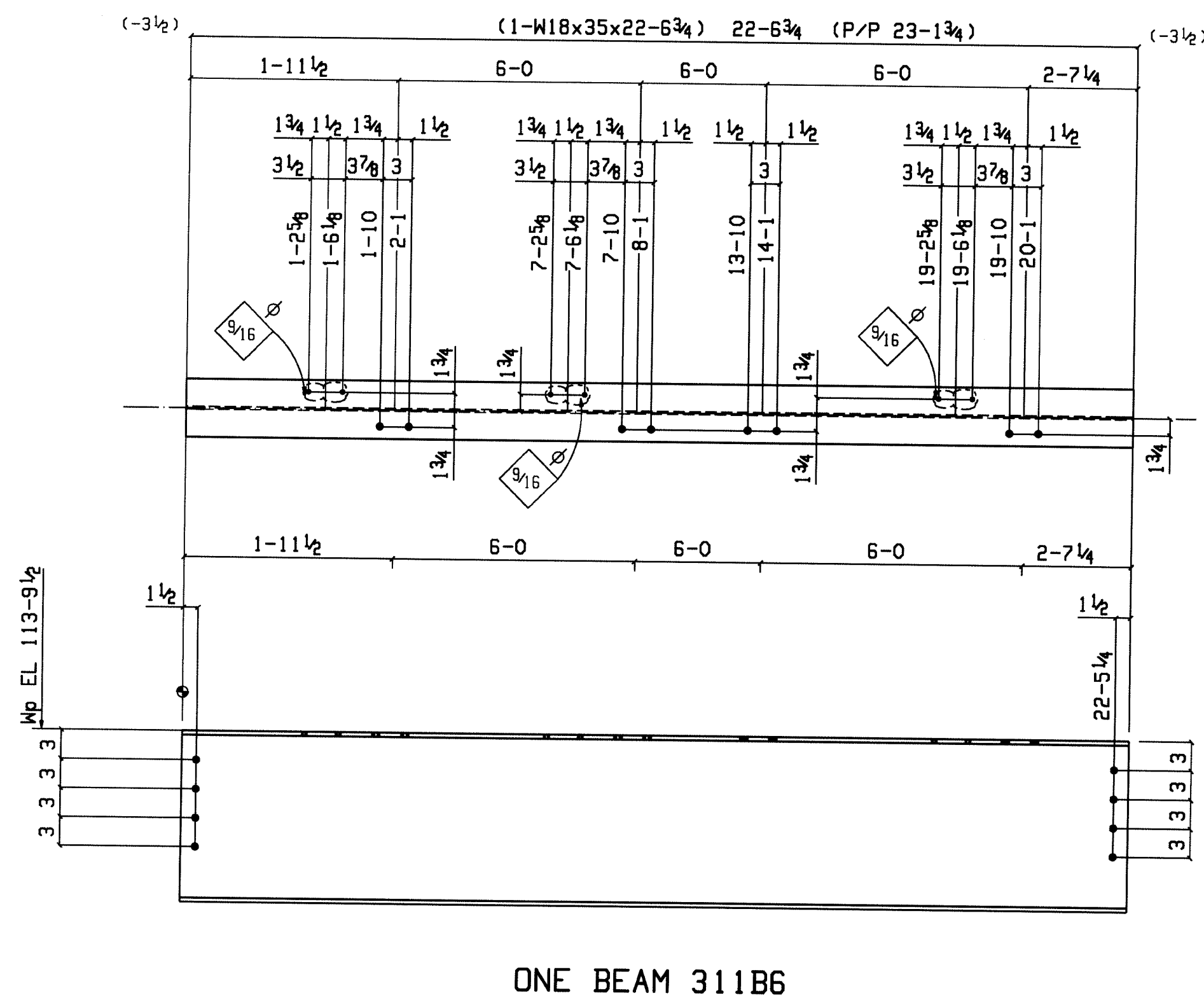
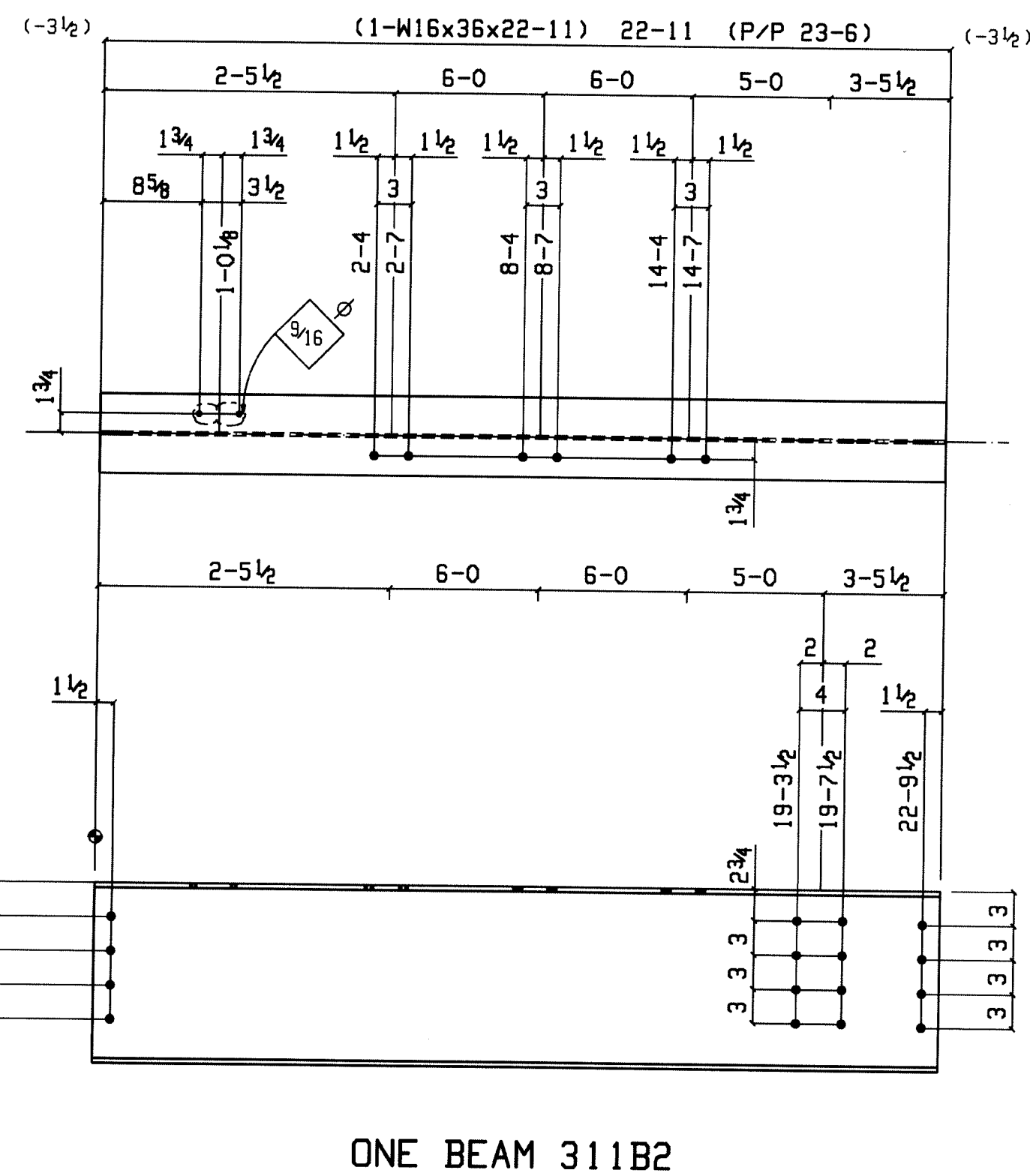
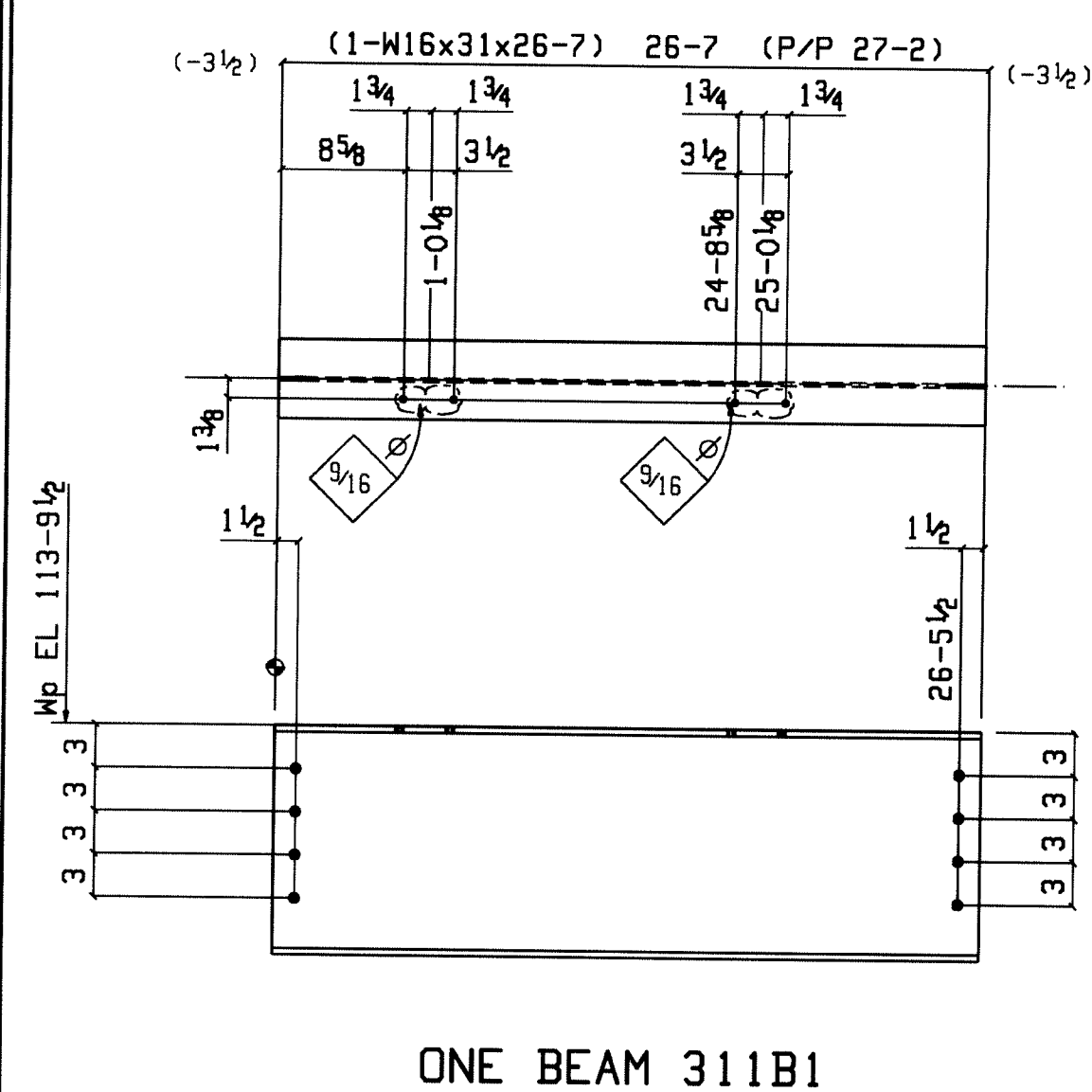
Stone City Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

CHK BY:
REV. DATE: DESCRIPTION OF REVISION:
DRAWN BY:
DATE:
CHECKED BY:
DATE:
JOB NUMBER: 07-4-01775

FOR FABRICATION/ FIELD X
FOR APPROVAL ONLY (DO NOT FAB) -

SHEET 310
REV 0



BILL OF MATERIAL					
QTY.					WGT.
Total	Description	Length	Mark	Remarks	Unit
ONE	BEAM		311B1		824
1	W16x31	26-7	w14	A992	824
	FIELD BOLTS				
8	3/4 Dia A325N	13 1/2		1HD WASH	
ONE	BEAM		311B2		825
1	W16x36	22-11	w16	A992	825
	FIELD BOLTS				
16	3/4 Dia A325N	13 1/2		1HD WASH	
ONE	BEAM		311B3		449
1	W18x35	12-6	w90	A992	438
2	L3x3x3/16	11 1/2	a6	A36	6
	FIELD BOLTS				
4	3/4 Dia A325N	13 1/2		1HD WASH	
ONE	BEAM		311B5		1719
1	W18x35	35-10 3/4	w60	A992	1256
4	L3x3x3/16	11 1/2	a6	A36	6
1	BPL 1/4x14 3/16	35-4 5/8	bp13	BENT A36	439
	FIELD BOLTS				
8	3/4 Dia A325N	2 1/4		1HD WASH	
ONE	BEAM		311B6		790
1	W18x35	22-6 3/4	w50	A992	790
	FIELD BOLTS				
8	3/4 Dia A325N	13 1/2		1HD WASH	
ONE	BEAM		311B7		452
1	W14x22	20-6 1/2	w29	A992	452
	FIELD BOLTS				
6	3/4 Dia A325N	13 1/2		1HD WASH	
17	BEAM		311B4		127
17	W8x10	11-4 5/16	w38	A992	114
34	L3x3x3/16	5 1/2	a4	A36	3
17	PL 3/8x6	1-0	p48	A36	8
	FIELD BOLTS				
32	3/4 Dia A325N	2		1HD WASH	
68	3/4 Dia A325N	13 1/2		1HD WASH	
5	BEAM		311B8		127
5	W8x10	11-4 5/16	w25	A992	114
10	L3x3x3/16	5 1/2	a4	A36	3
5	PL 3/8x6	1-0	p48	A36	8
	FIELD BOLTS				
10	3/4 Dia A325N	2		1HD WASH	
20	3/4 Dia A325N	13 1/2		1HD WASH	

NOTES:

STEEL GRADES:

W SHAPES	- A992
C SHAPES	- A36
S SHAPES	- .
ANGLES	- A36
PLATES	- A36
HSS/TS	- A500 Gr B
PIPE	- A53 Gr B

SHOP NOTES:

SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 1/8 DIA U.N
WELDS - E70XX

SURFACE PERP - SEE SPEC

BOLTS - 3/4 DIA A325 w/ N & W

HOLES - 13/16 DIA

WELDS - E70XX

771 US Highway 50 East
BEDFORD, TN 47421
PH: (612) 279-3023
FX: (612) 279-2005

Stone City



- BEAM DETAILS
- LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN

DESCRIPTION	PROJECT
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CHK BY:	-
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OF REVISION:

DESCRIPTION	

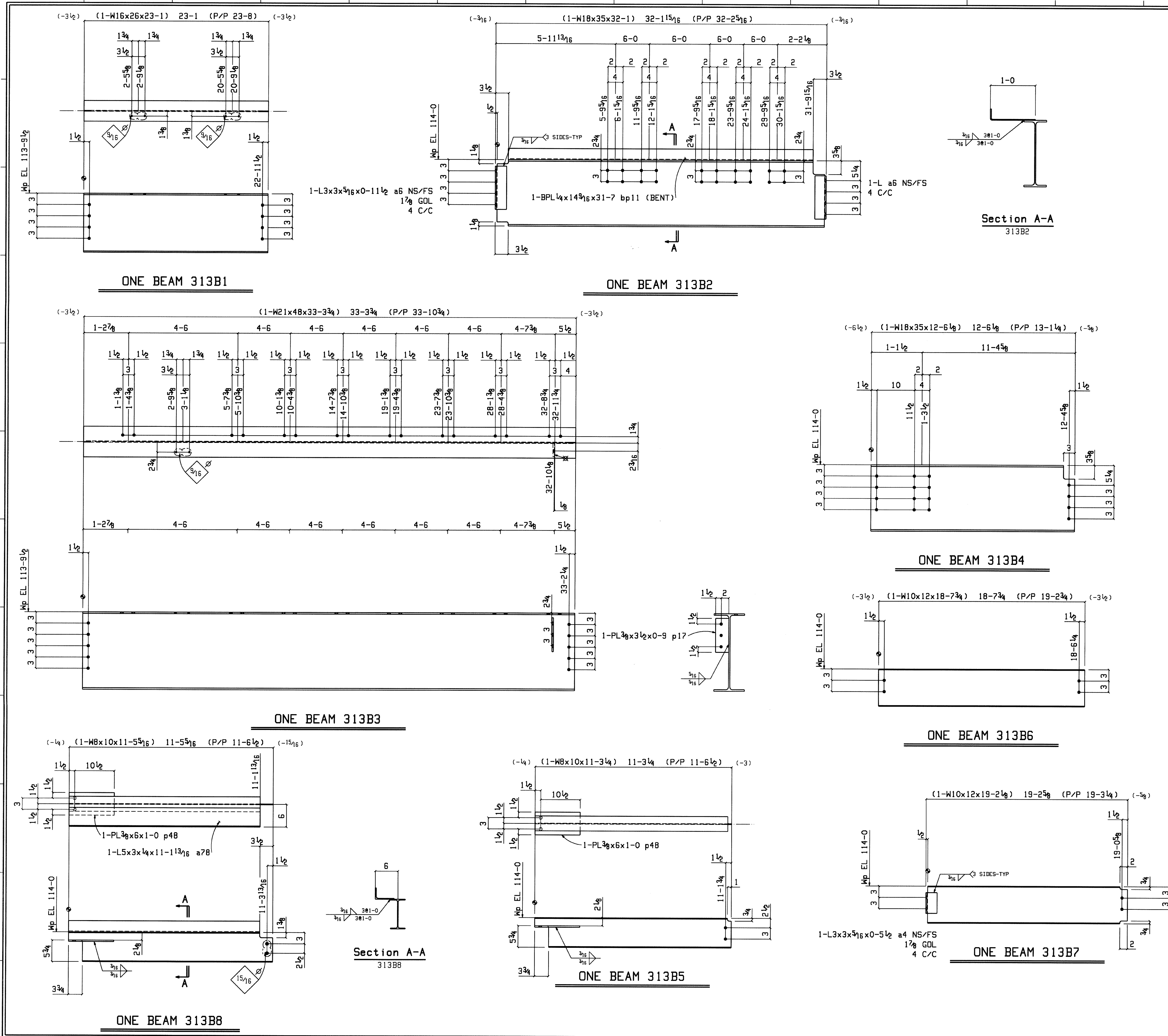
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DRAWN BY		
DATE		
CHECKED BY		
DATE		
TOP NUMBER		

FOR FABRIC
FIELD
FOR APPROVA
DO NOT FAB

SHEET
311

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BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
Total					
ONE BEAM			313B1		600
1	W16x26	23-1	w31	A992	600
FIELD BOLTS					
8	3/4 Dia A325N	13 1/4		1HD WASH	
ONE BEAM			313B2		1538
1	W18x35	32-1	w49	A992	1123
4	L3x3x5/16	11 1/2	a6	A36	6
1	BPL 1/4x14 3/16	31-7	bp11	BENT A36	392
FIELD BOLTS					
8	3/4 Dia A325N	2 1/4		1HD WASH	
8	3/4 Dia A325N	13 1/4		1HD WASH	
ONE BEAM			313B3		1602
1	W21x48	33-3 3/4	w4	A992	1599
1	PL 3/8x3 1/2	9	p17	A36	3
FIELD BOLTS					
10	3/4 Dia A325N	2		1HD WASH	
ONE BEAM			313B4		438
1	W18x35	12-6 1/2	w95	A992	438
FIELD BOLTS					
8	3/4 Dia A325N	13 1/4		1HD WASH	
ONE BEAM			313B5		120
1	W8x10	11-3 1/4	w35	A992	113
1	PL 3/8x6	1-0	p48	A36	8
FIELD BOLTS					
2	3/4 Dia A325N	2		1HD WASH	
2	3/4 Dia A325N	13 1/4		1HD WASH	
ONE BEAM			313B6		224
1	W10x12	18-7 3/4	w22	A992	224
FIELD BOLTS					
4	3/4 Dia A325N	13 1/4		1HD WASH	
ONE BEAM			313B7		236
1	W10x12	19-2 1/2	w76	A992	230
2	L3x3x5/16	5 1/2	a4	A36	3
FIELD BOLTS					
4	3/4 Dia A325N	2		1HD WASH	
2	3/4 Dia A325N	13 1/4		1HD WASH	
ONE BEAM			313B8		196
1	W8x10	11-5 5/16	w34	A992	114
1	L5x3x1/4	11-1 13/16	a78	A36	74
1	PL 3/8x6	1-0	p48	A36	8
FIELD BOLTS					
2	7/8 Dia A325N	13 1/4		1HD WASH	
2	3/4 Dia A325N	2		1HD WASH	

NOTES:

STEEL GRADES:
 W SHAPES - A992
 C SHAPES - A36
 S SHAPES -
 ANGLES - A36
 PLATES - A36
 HSS/TS - A500 Gr B
 PIPE - A53 Gr B

SHOP NOTES:
 SHOP COATING - ONE COAT RED PRIMER
 SURFACE PERP - SEE SPEC
 BOLTS - 3/4 DIA A325 w/ N & W
 HOLES - 1 1/8 DIA U.N
 WELDS - E70XX

REV. DATE: 1/2/2005

DRAWN BY: J. L. LAMANCE
 CHECKED BY: J. L. LAMANCE
 DATE: 1/2/2005

JOB NUMBER: 07-4-01775

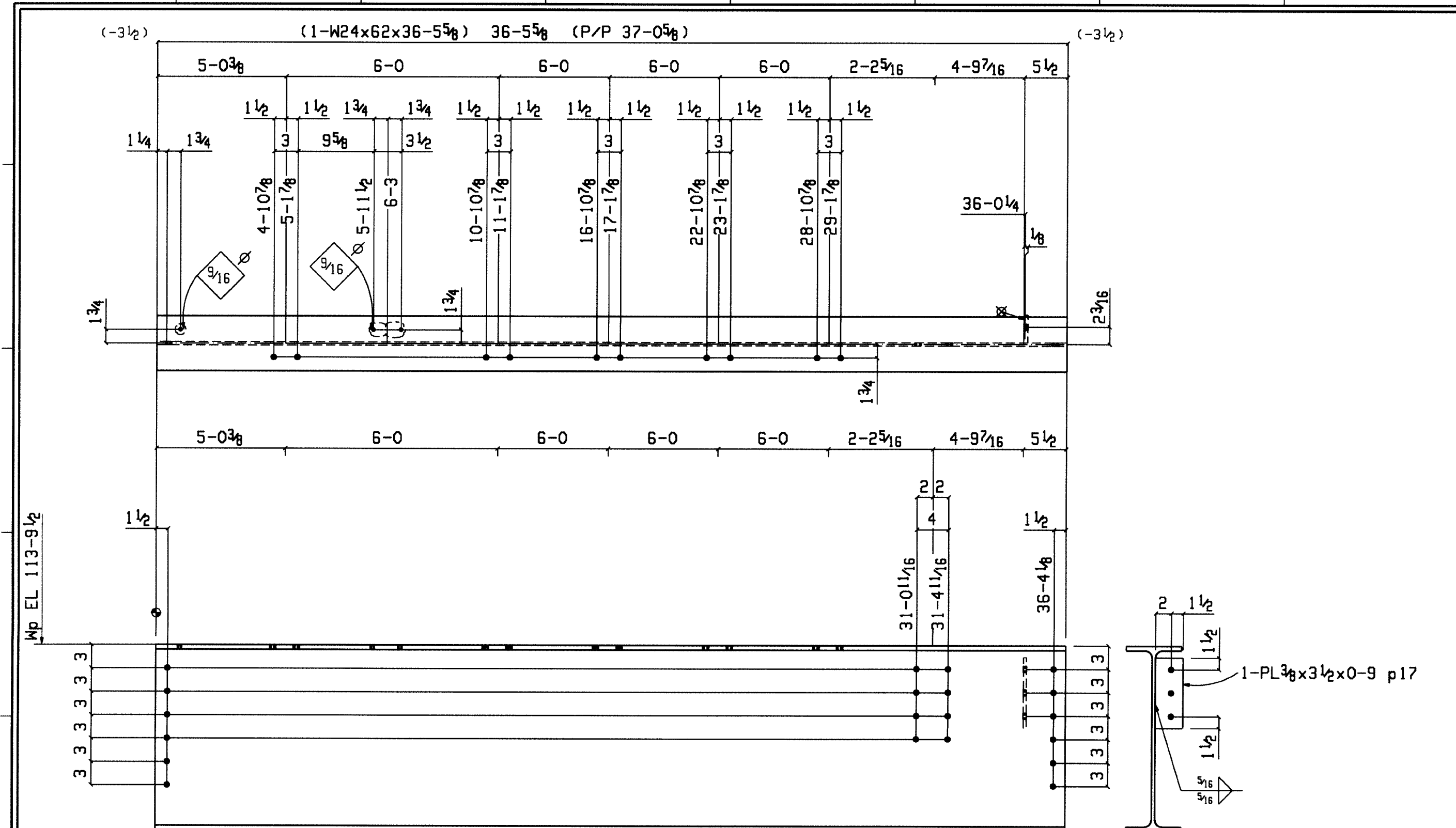
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 FOR APPROVAL ONLY (DO NOT FAB):

SHEET 313 REV 0

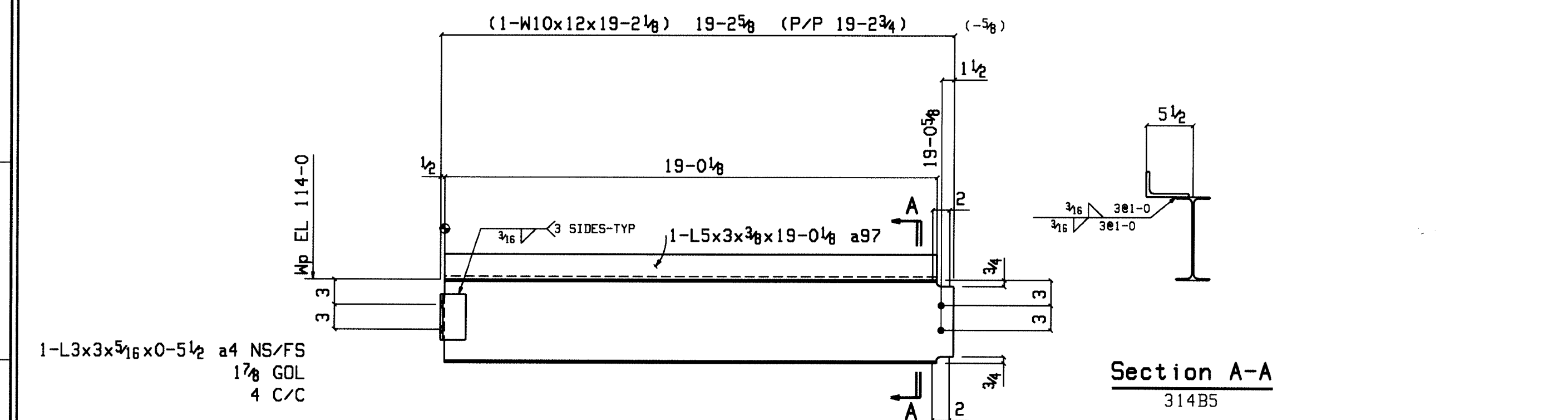
1771 US Highway 50 East
 BEDFORD, TN 37021
 PH: (615) 279-3023
 FX: (615) 279-2005

Stone City Ironworks, Inc.

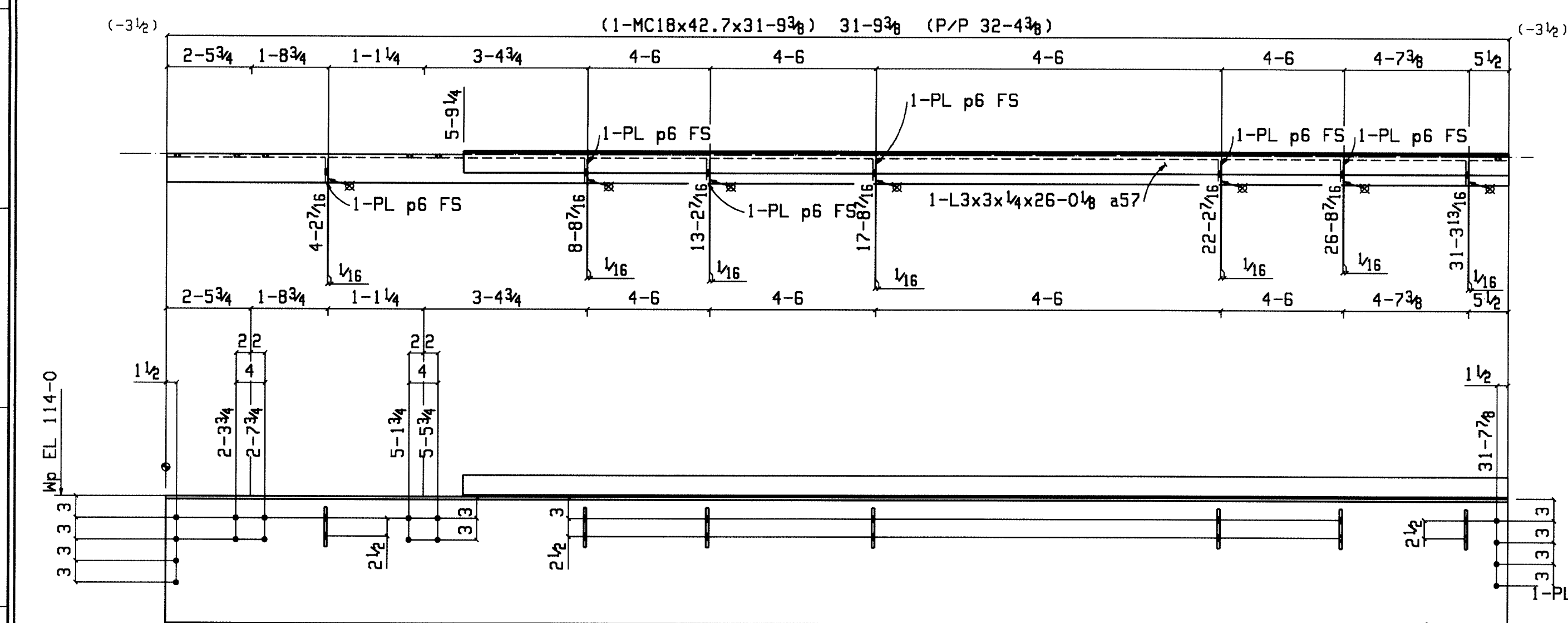
DESCRIPTION - BEAM DETAILS
 PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
 INDIANAPOLIS, IN
 CUSTOMER - MSD OF LAWRENCE TOWNSHIP
 ARCHITECT - GIBALTAR DESIGN
 ENGINEER - GIBALTAR DESIGN



ONE BEAM 314B1

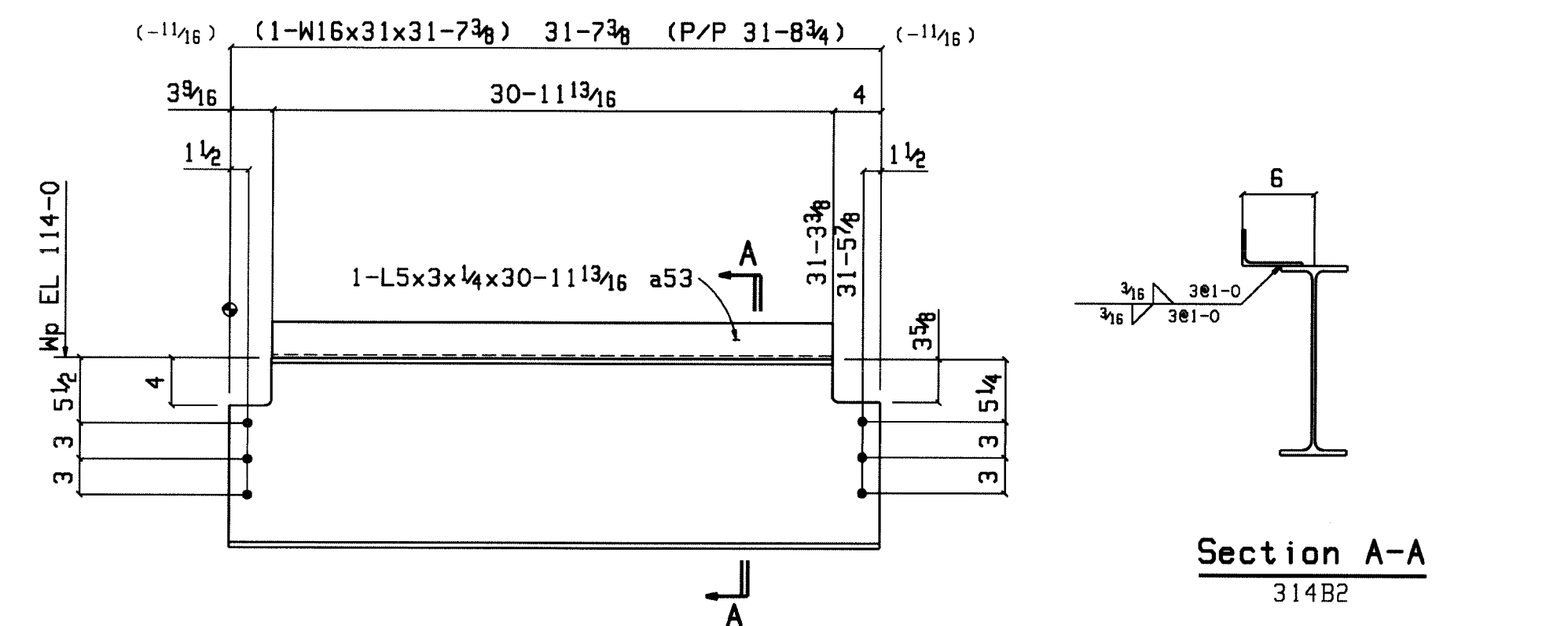


ONE BEAM 314B5

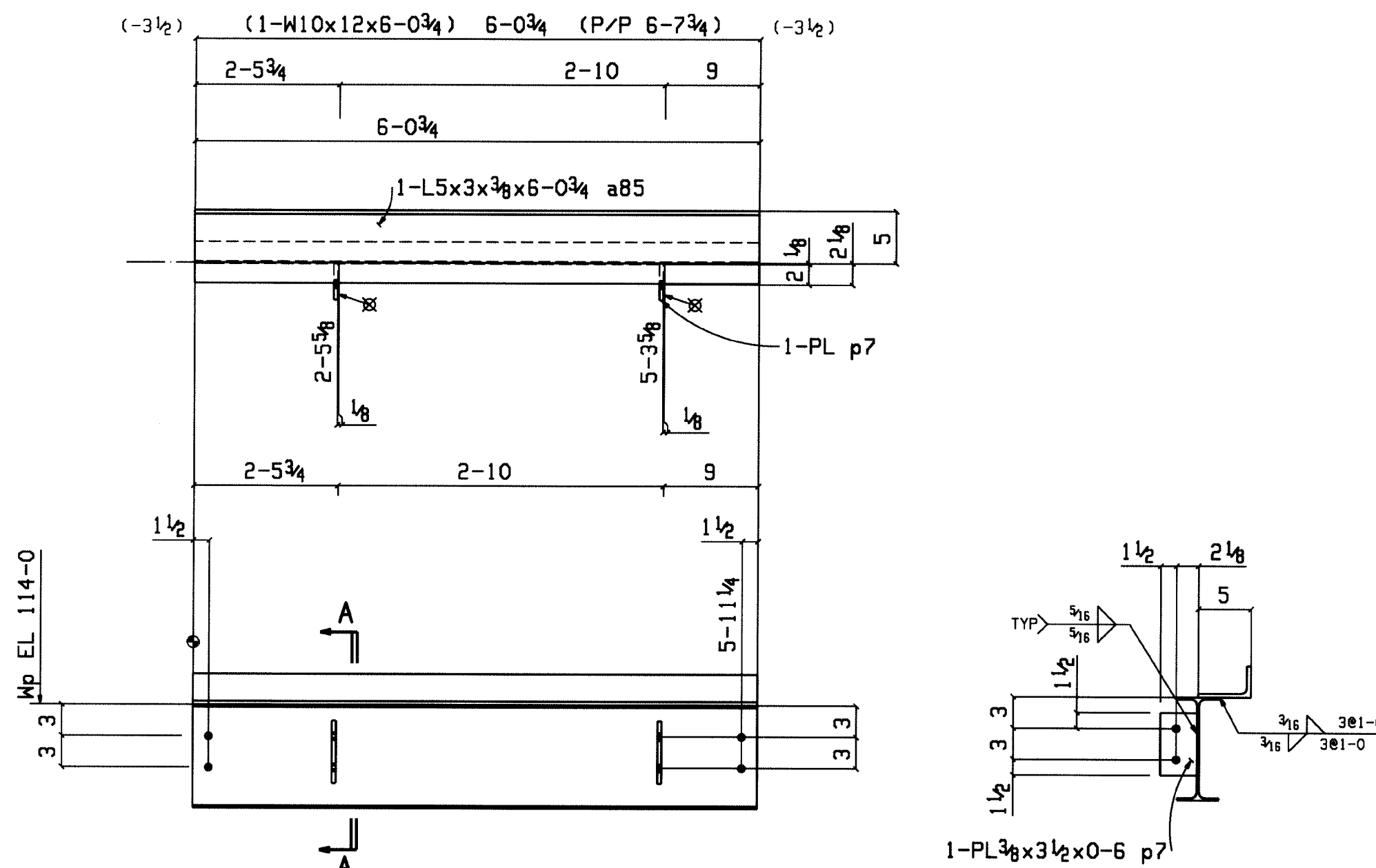


ONE BEAM 314B4

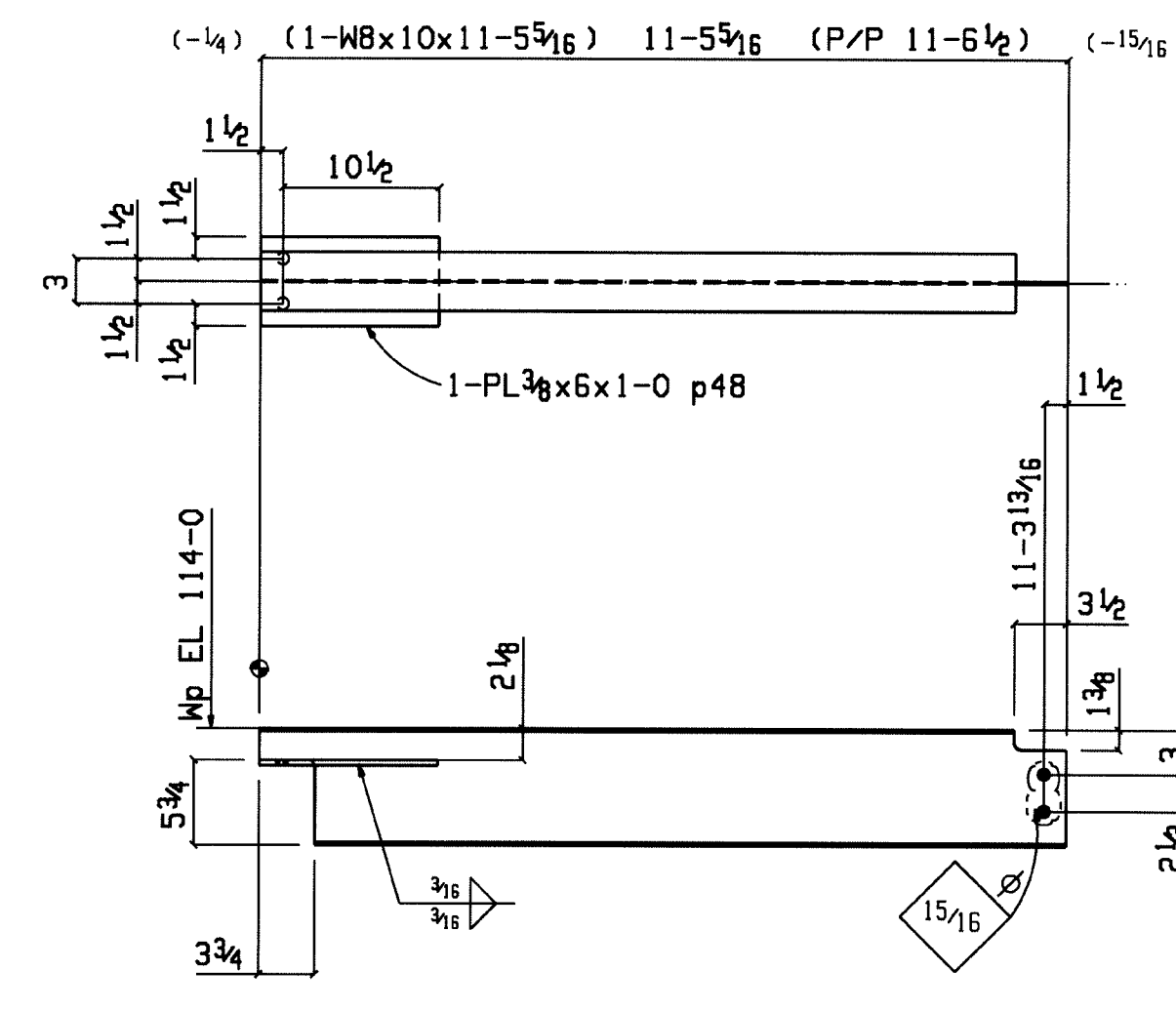
SHOP NOTE:
TOE DIRECTION NEAR SIDE



ONE BEAM 314B2



ONE BEAM 314B6



6 BEAMS 314B3

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	WGT.
Total					Unit
ONE BEAM			314B1		2264
1	W24x62	36'-5 3/8"	w102	A992	2261
1	PL 3/8x3 1/2	9	p17	A36	3
	FIELD BOLTS				
12	3/4 Dia A325N	2		1HD WASH	
ONE BEAM			314B2		1185
1	W16x31	31'-7 3/8"	w89	A992	980
1	L5x3x 1/4	30'-11 13/16"	a53	A36	204
	FIELD BOLTS				
6	3/4 Dia A325N	13 1/4"		1HD WASH	
6 BEAM			314B3		122
6	W8x10	11'-5 5/16"	w34	A992	114
6	PL 3/8x6	1-0	p48	A36	8
	FIELD BOLTS				
12	7/8 Dia A325N	13 1/4"		1HD WASH	
12	3/4 Dia A325N	2		1HD WASH	
ONE BEAM			314B4		1499
1	MC18x42.7	31'-9 3/8"	c52	A36	1357
1	L3x3x 1/4	26'-0 1/8"	a57	A36	127
7	PL 3/8x3 1/2	5 1/2"	p6	A36	2
	FIELD BOLTS				
8	3/4 Dia A325N	2		1HD WASH	
ONE BEAM			314B5		422
1	W10x12	19'-2 1/8"	w76	A992	230
1	L5x3x 3/8	19'-0 1/8"	a97	A36	186
2	L3x3x 5/16	5 1/2"	a4	A36	3
	FIELD BOLTS				
4	3/4 Dia A325N	2		1HD WASH	
2	3/4 Dia A325N	13 1/4"		1HD WASH	
ONE BEAM			314B6		137
1	W10x12	6'-0 3/4"	w75	A992	73
1	L5x3x 3/8	6'-0 3/4"	a85	A36	59
2	PL 3/8x3 1/2	6	p7	A36	2
	FIELD BOLTS				
4	3/4 Dia A325N	13 1/4"		1HD WASH	

NOTES:

STEEL GRADES:

W SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:

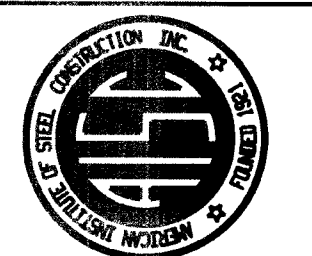
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 13/16 DIA U.N
WELDS - E70XX

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005

Stone City



Ironworks, Inc.

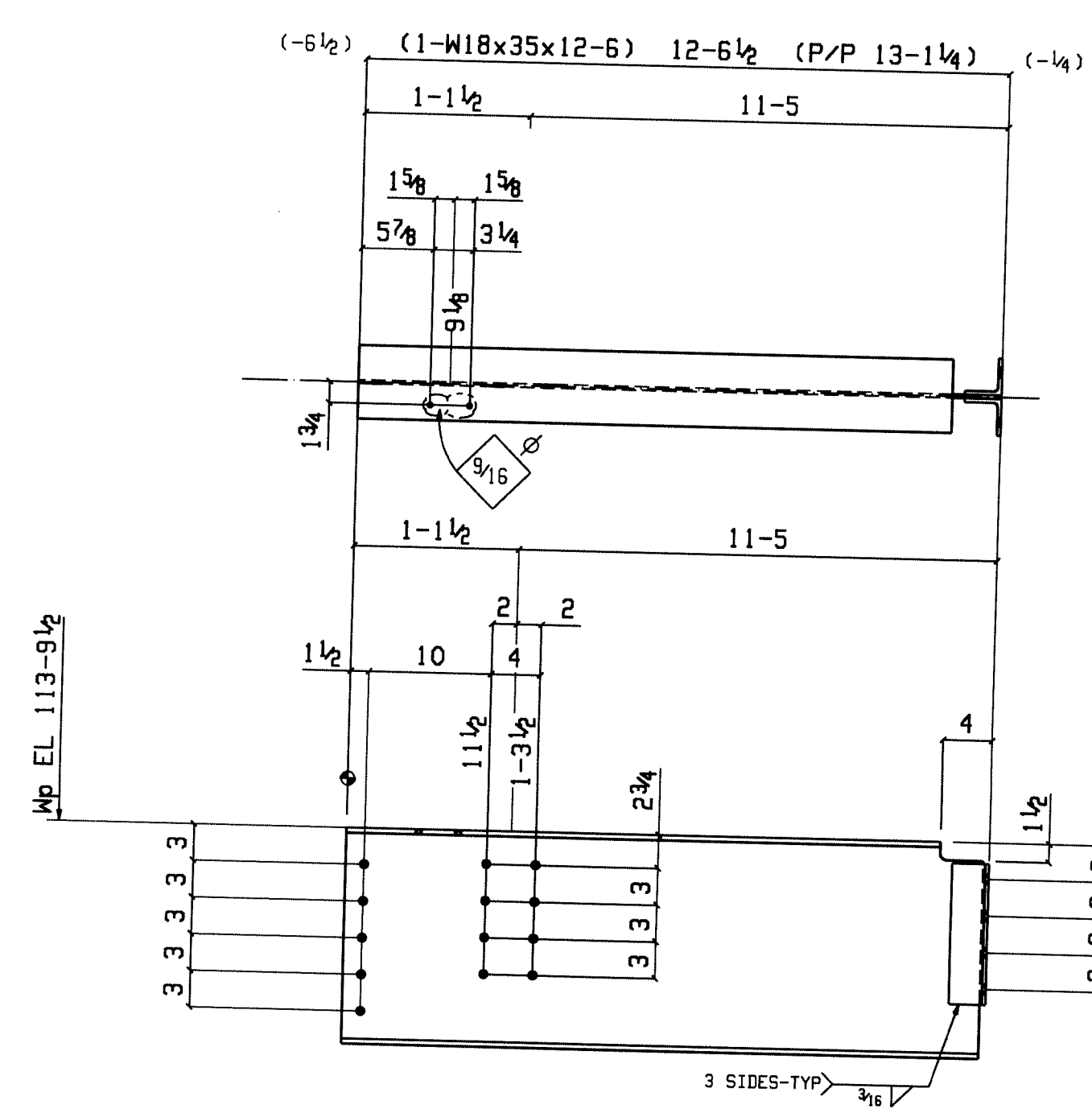
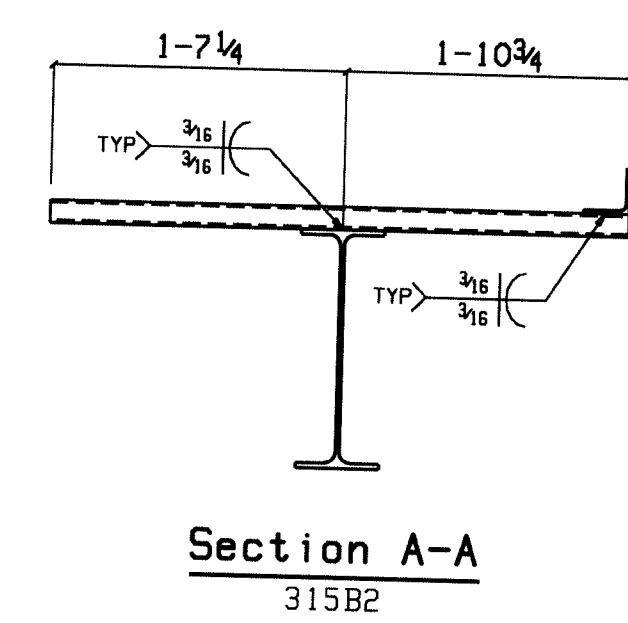
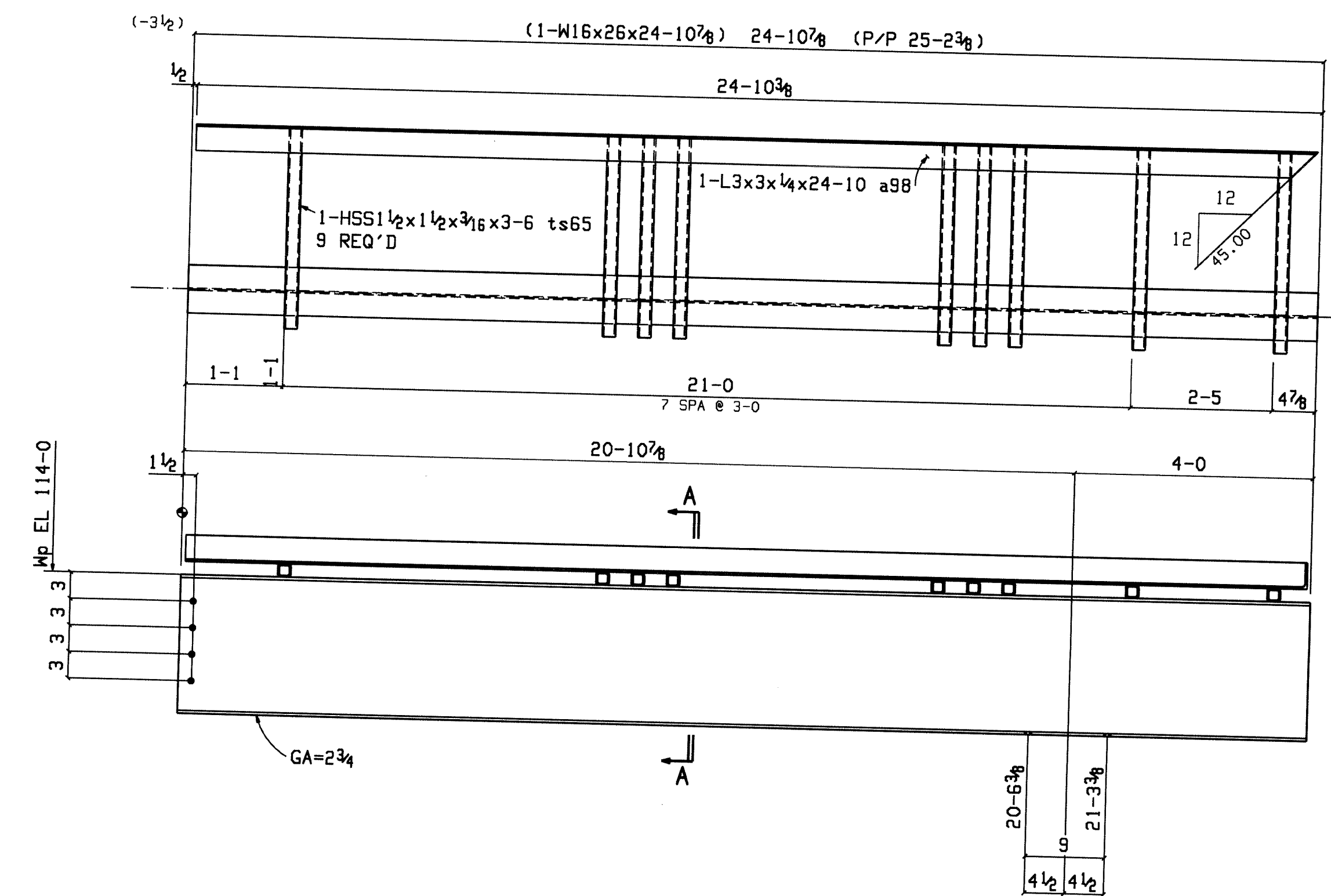
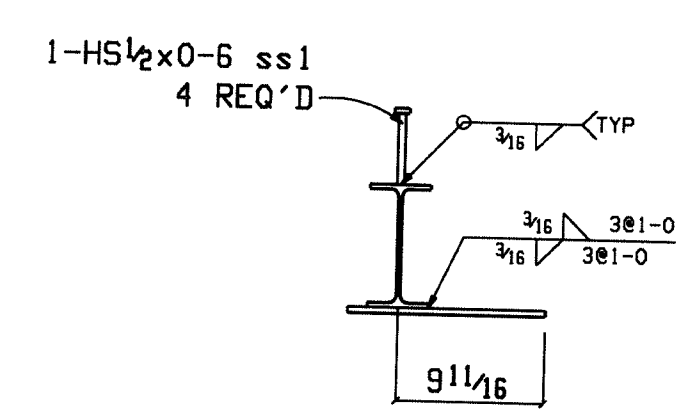
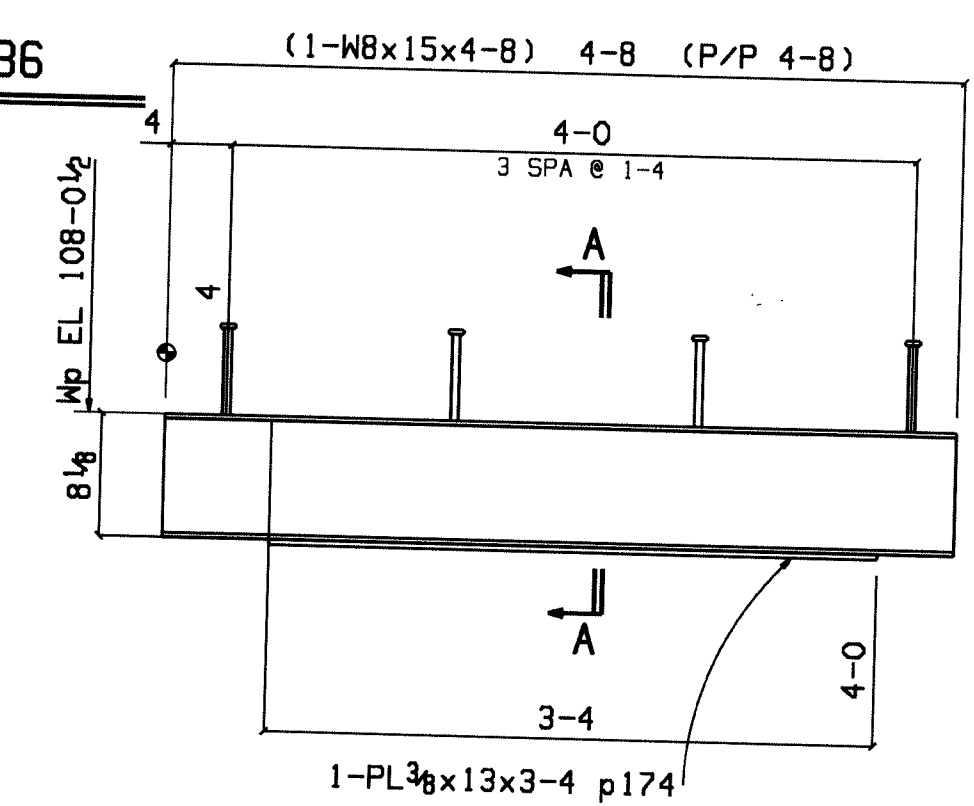
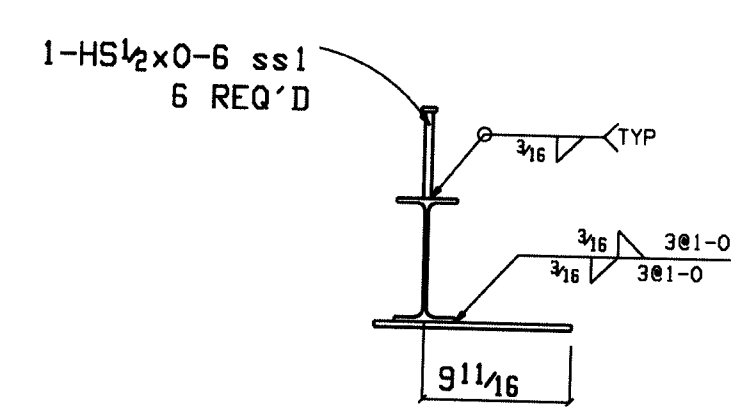
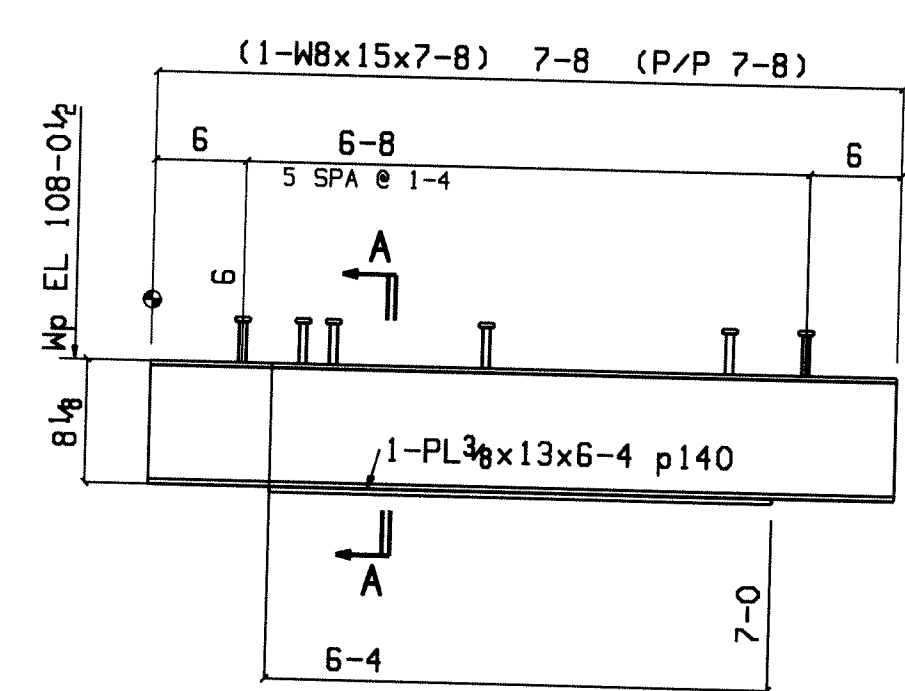
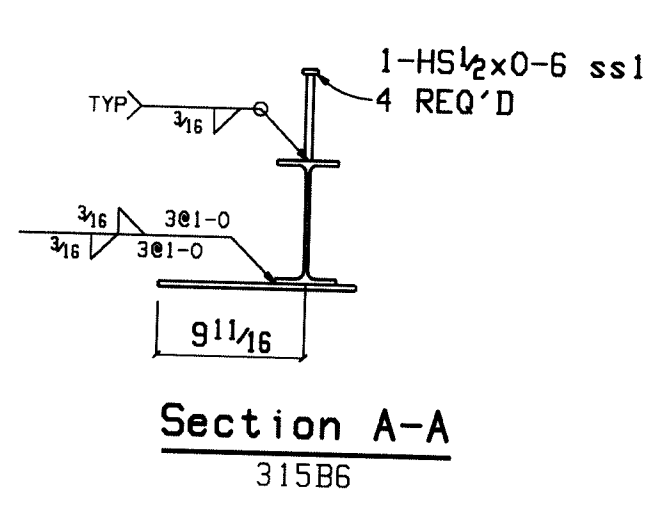
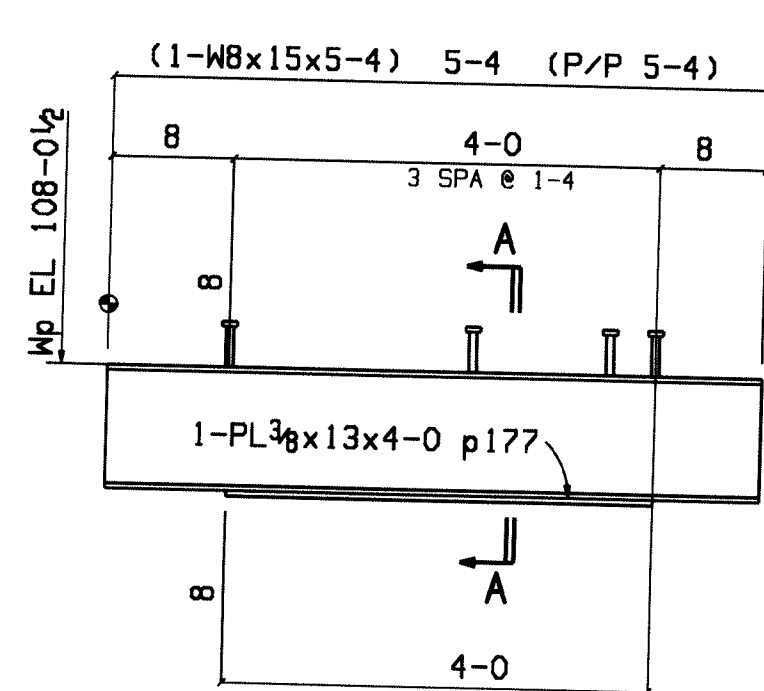
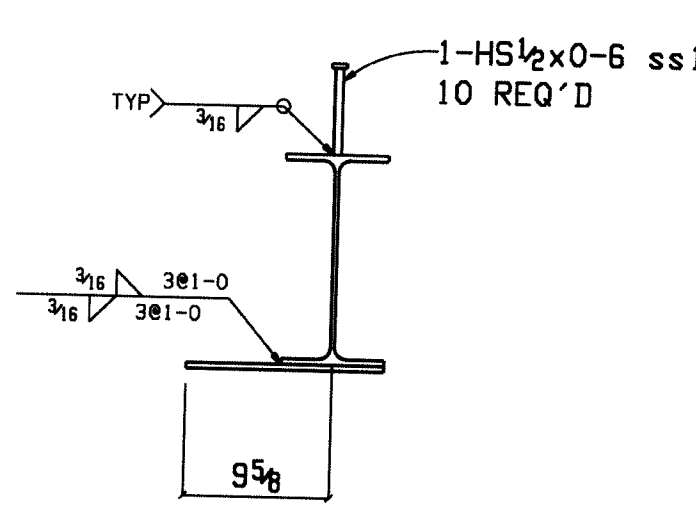
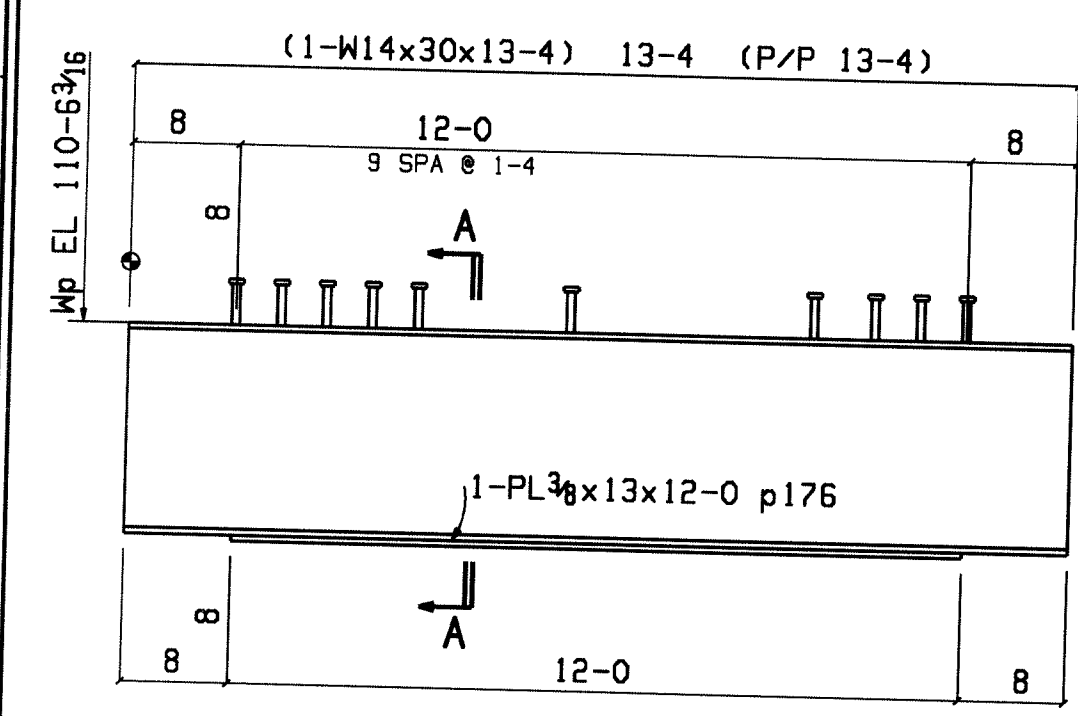
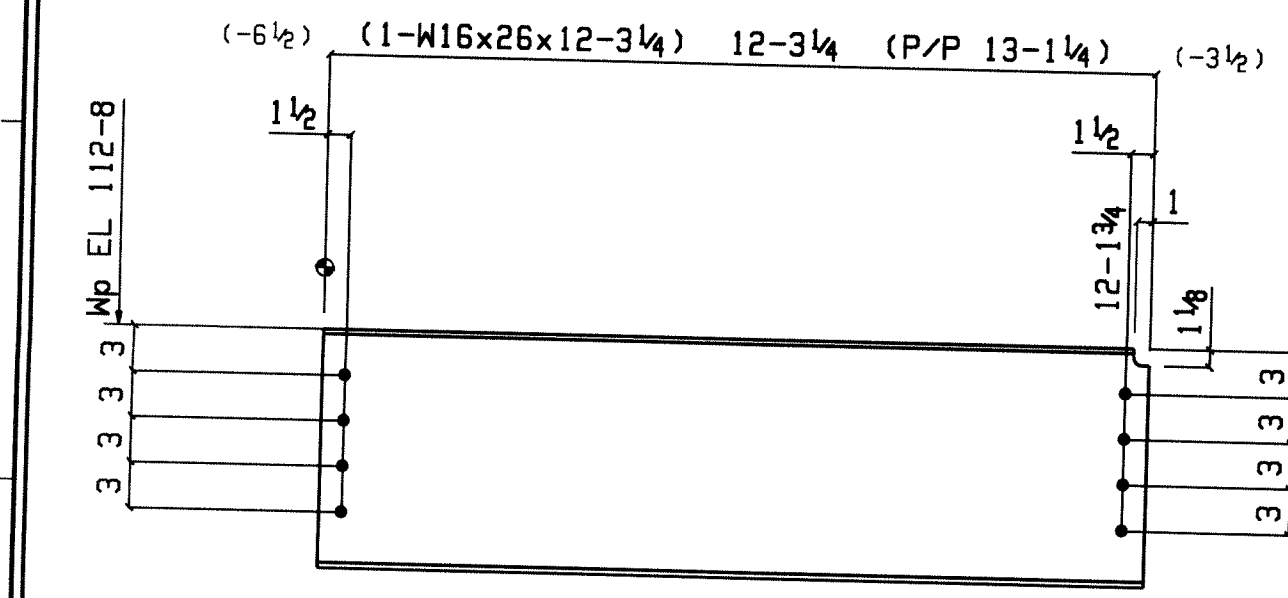
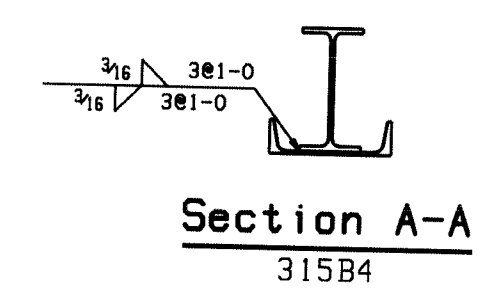
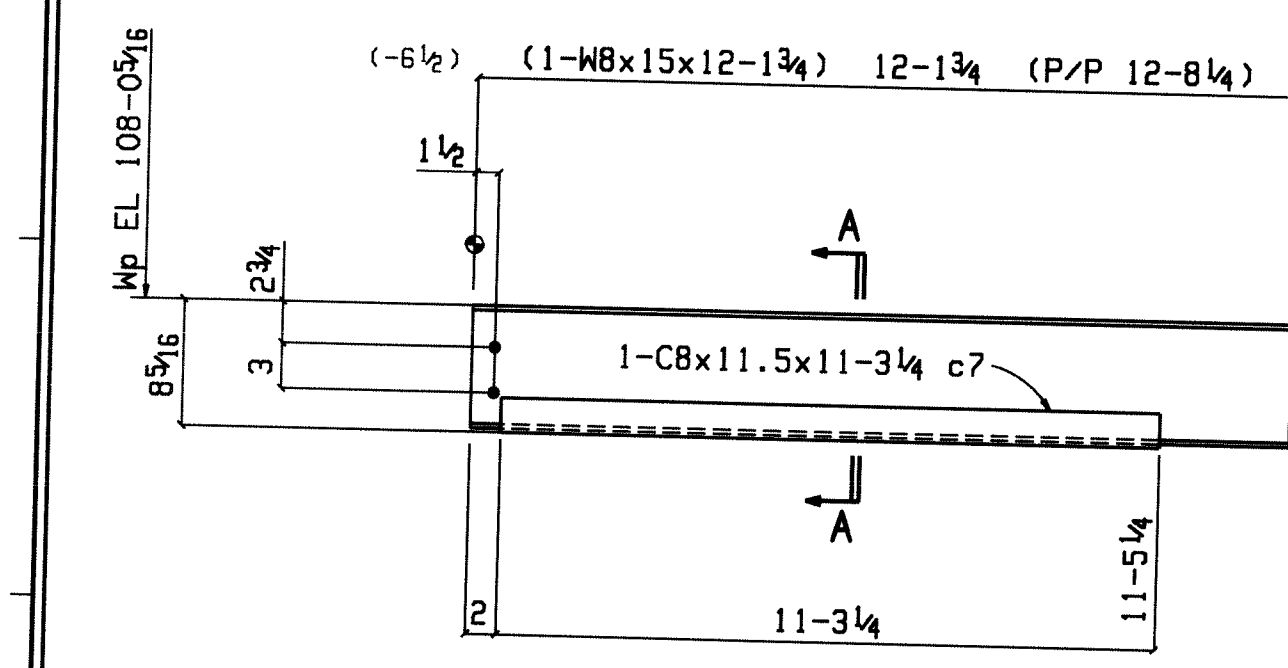


DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

REV.	DATE	DESCRIPTION OF REVISION
1		
2		
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5		

BROWN BY	
CHECKED BY	
DATE	
JOB NUMBER: 07-4-01775	
FOR FABRICATION/ FIELD	X
FOR APPROVAL ONLY (DO NOT FAB)	
SHEET	REV
314	0

FOR FAB & FIELD USE 5-02-08



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
ONE BEAM			315B1		449
1	W18x35	12-6	w8	A992	438
2	L3x3x3/8	11 1/2	a6	A36	6
	FIELD BOLTS				
8	3/4 Dia A325N	2		1HD WASH	
5	3/4 Dia A325N	13/4		1HD WASH	
ONE BEAM			315B2		865
1	W16x26	24-10 7/8	w9	A992	648
9	HSS1 1/2 x 1 1/2 x 3/16	3-6	ts65	A500B	11
1	L3x3x3/4	24-10	a98	A36	122
	FIELD BOLTS				
4	3/4 Dia A325N	2		1HD WASH	
4	3/4 Dia A325N	13/4		1HD WASH	
ONE BEAM			315B3		319
1	W16x26	12-3 1/4	w96	A992	319
	FIELD BOLTS				
8	3/4 Dia A325N	13/4		1HD WASH	
ONE BEAM			315B4		312
1	W8x15	12-13/4	w64	A992	182
1	CBx11.5	11-3 1/4	c7	A36	130
	FIELD BOLTS				
2	3/4 Dia A325N	13/4		1HD WASH	
ONE BEAM			315B5		603
1	W14x30	13-4	w115	A992	400
1	PL3/8x13	12-0	p176	A36	199
10	HS1/2	6	ss1		0
ONE BEAM			315B6		148
1	W8x15	5-4	w116	A992	80
1	PL3/8x13	4-0	p177	A36	66
4	HS1/2	6	ss1		0
ONE BEAM			315B7		222
1	W8x15	7-8	w106	A992	115
1	PL3/8x13	6-4	p140	A36	105
6	HS1/2	6	ss1		0
ONE BEAM			315B8		127
1	W8x15	4-8	w114	A992	70
1	PL3/8x13	3-4	p174	A36	55
4	HS1/2	6	ss1		0

NOTES:

STEEL GRADES:
 W SHAPES - A992
 C SHAPES - A36
 S SHAPES -
 ANGLES - A36
 PLATES - A36
 HSS/TS - A500 Gr B
 PIPE - A53 Gr B

SHOP NOTES:
 SHOP COATING - ONE COAT RED PRIMER
 SURFACE PERP - SEE SPEC
 BOLTS - 3/4 DIA A325 w/ N & W
 HOLES - 13/16 DIA U.N
 WELDS - E70XX

FOR FABRICATION/ FIELD
 FOR APPROVAL ONLY (DO NOT FAB)

SHEET 315 REV 0

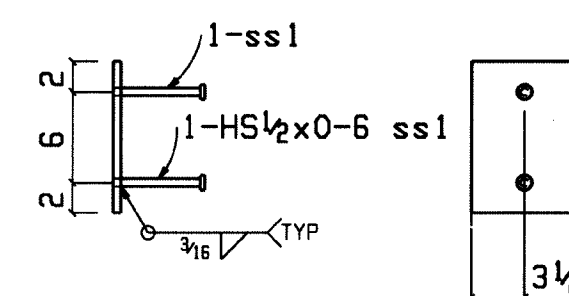
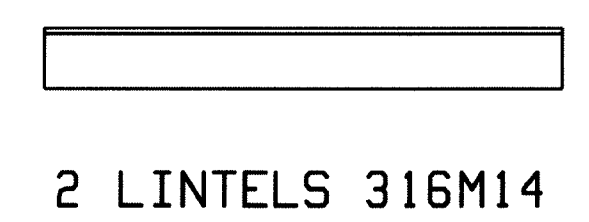
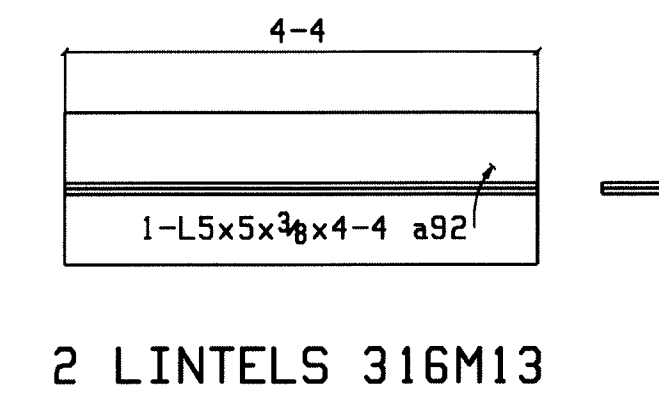
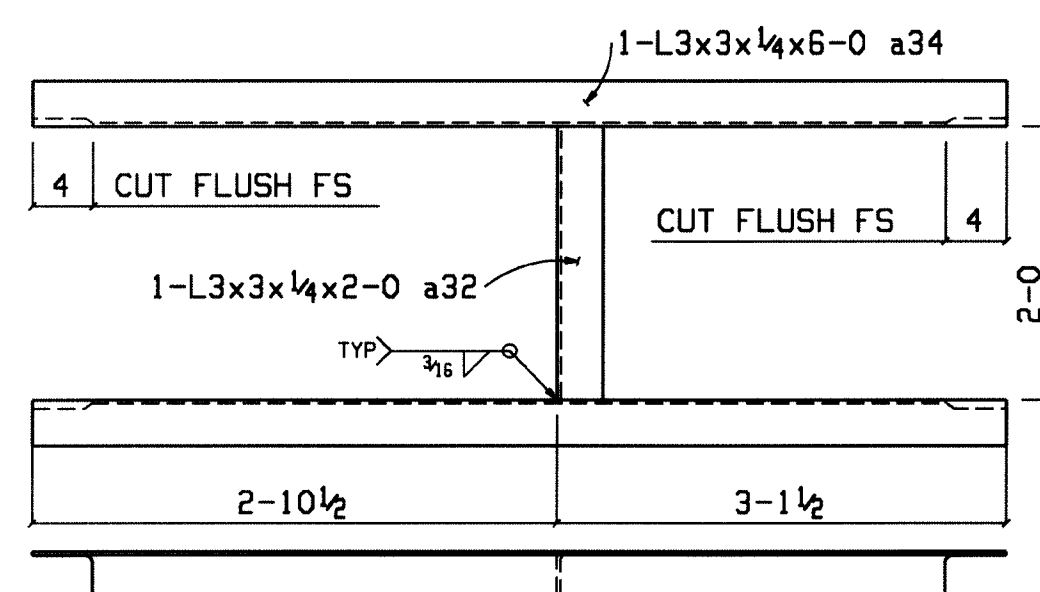
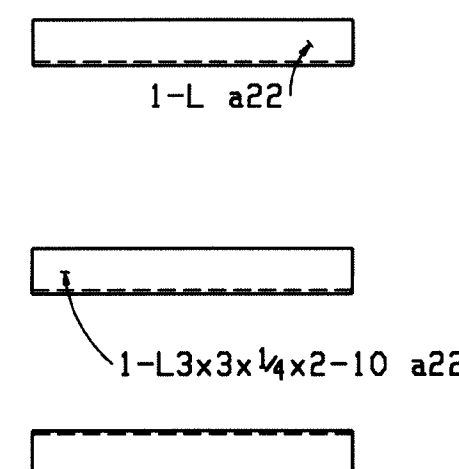
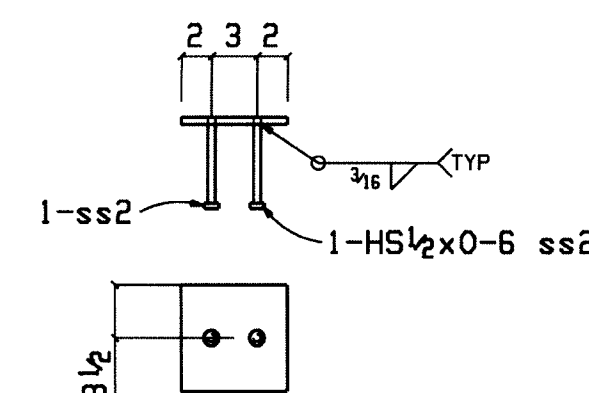
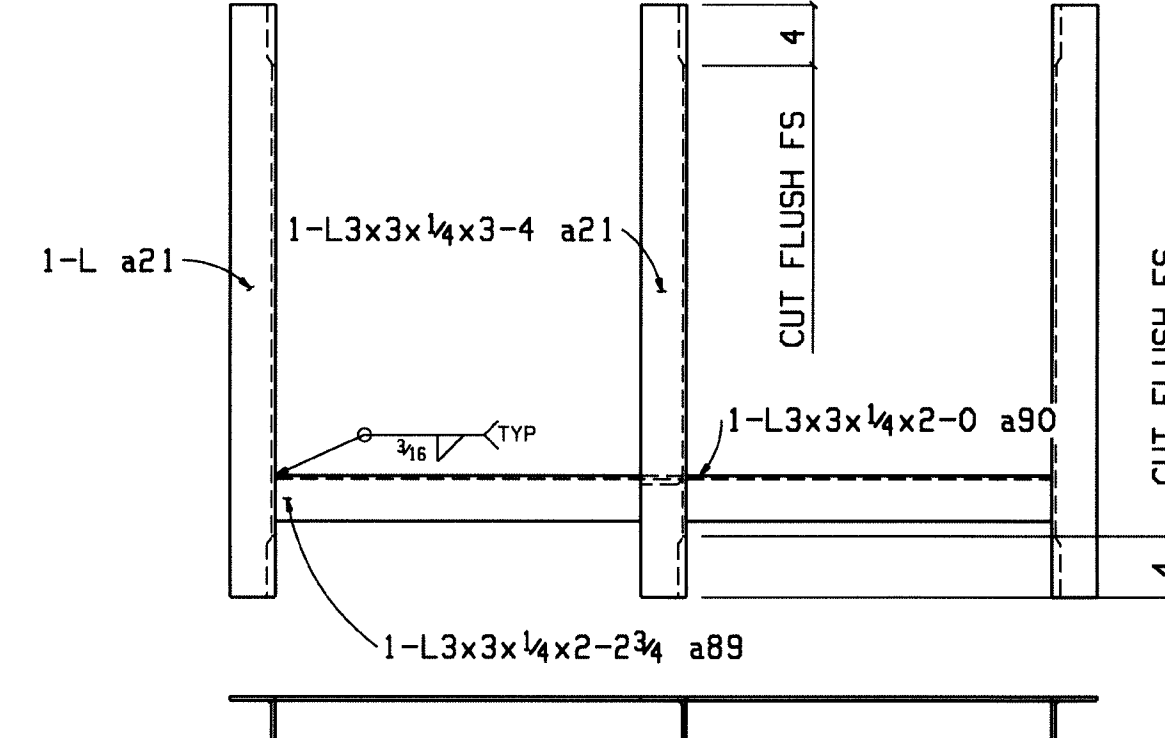
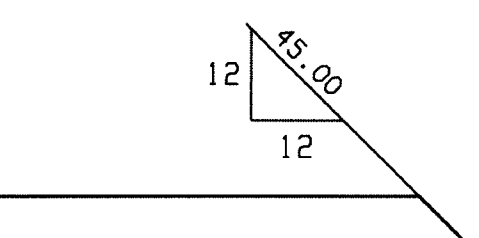
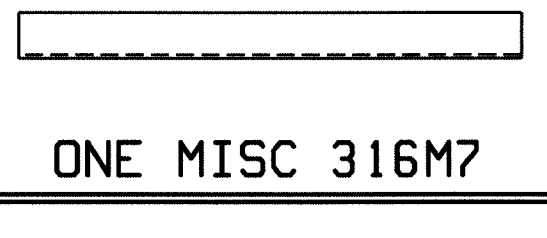
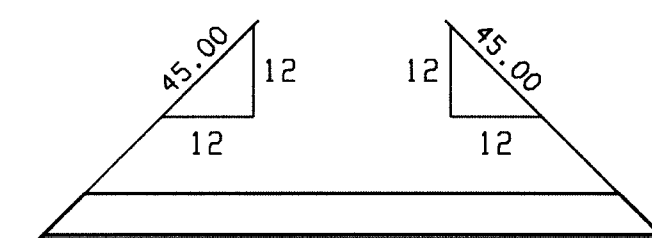
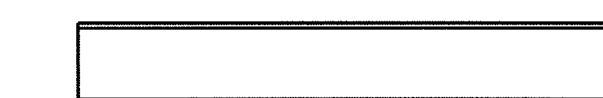
1771 US Highway 50 East
 BEDFORD, TN 37021
 PH: (615) 279-3023
 FX: (615) 279-2005

Stone City Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
 PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
 INDIANAPOLIS, IN

CUSTOMER - MSD OF LAWRENCE TOWNSHIP
 ARCHITECT - GIBLARTAR DESIGN
 ENGINEER - GIBLARTAR DESIGN

JOB NUMBER: 07-4-01725

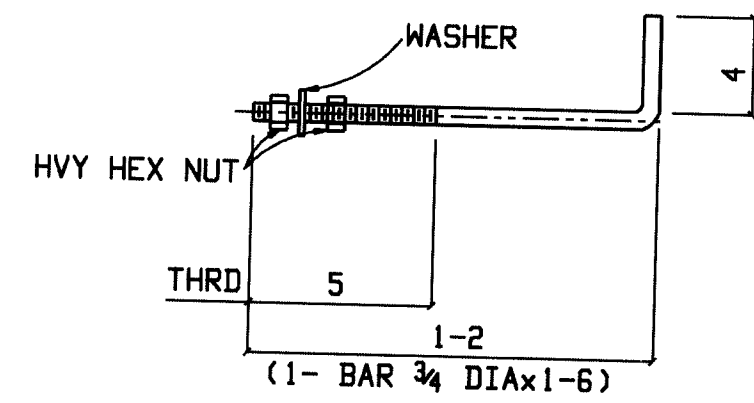
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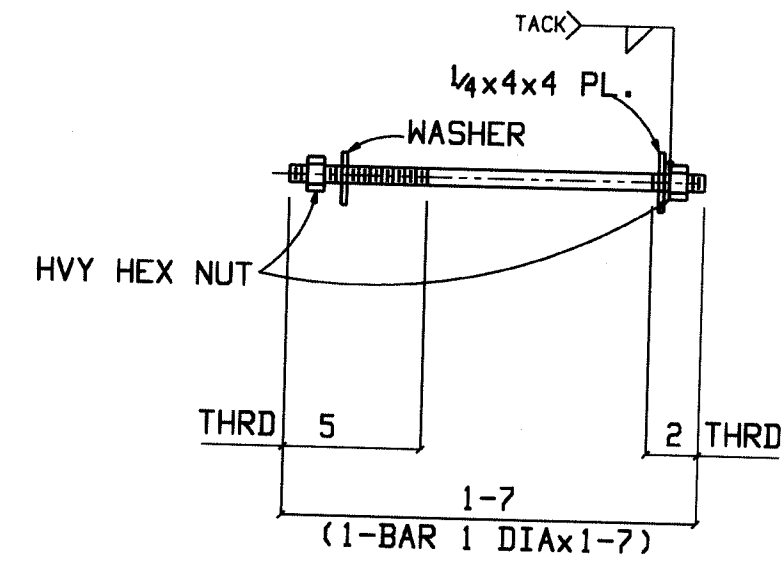
STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES - .
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:	
SHOP COATING -	ONE COAT RED PRIMER
SURFACE PERP -	SEE SPEC
BOLTS	- 3/4 DIA A325 w/ N & W
HOLES	- 1 1/4 DIA U.N
WELDS	- E70XX

Stone City 		1771 US Highway 50 East BEDFORD, TN 37421 PH: (812)279-3023 FX: (812)279-2005																												
		Ironworks, Inc.																												
<table><tr><td>DESCRIPTION</td><td>- MISC. DETAILS</td></tr><tr><td>PROJECT</td><td>- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN</td></tr><tr><td>CUSTOMER</td><td>- MSD OF LAWRENCE TOWNSHIP</td></tr><tr><td>ARCHITECT</td><td>- GIBRALTAR DESIGN</td></tr><tr><td>ENGINEER</td><td>- GIBRALTAR DESIGN</td></tr></table>				DESCRIPTION	- MISC. DETAILS	PROJECT	- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN	CUSTOMER	- MSD OF LAWRENCE TOWNSHIP	ARCHITECT	- GIBRALTAR DESIGN	ENGINEER	- GIBRALTAR DESIGN																	
DESCRIPTION	- MISC. DETAILS																													
PROJECT	- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN																													
CUSTOMER	- MSD OF LAWRENCE TOWNSHIP																													
ARCHITECT	- GIBRALTAR DESIGN																													
ENGINEER	- GIBRALTAR DESIGN																													
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FOR APPROVAL (ONLY DO NOT FAB)		-																												
SHEET	REV																													
316	0																													



16 ANCHOR BOLTS
(ASTM F-1554 GR. 36)(400AB1)



92 ANCHOR BOLTS
(ASTM F-1554 GR. 36)(400AB2)



Stone City
Ironworks, Inc.

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005

DESCRIPTION - ANCHOR BOLTS & LEVELLING PLATE DETAIL
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBRALTAR DESIGN
ENGINEER - GIBRALTAR DESIGN

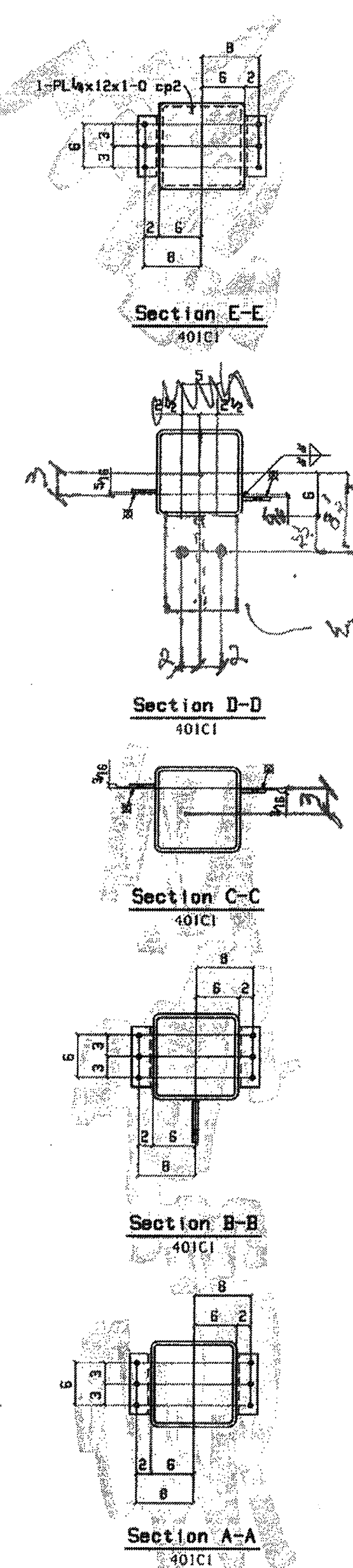
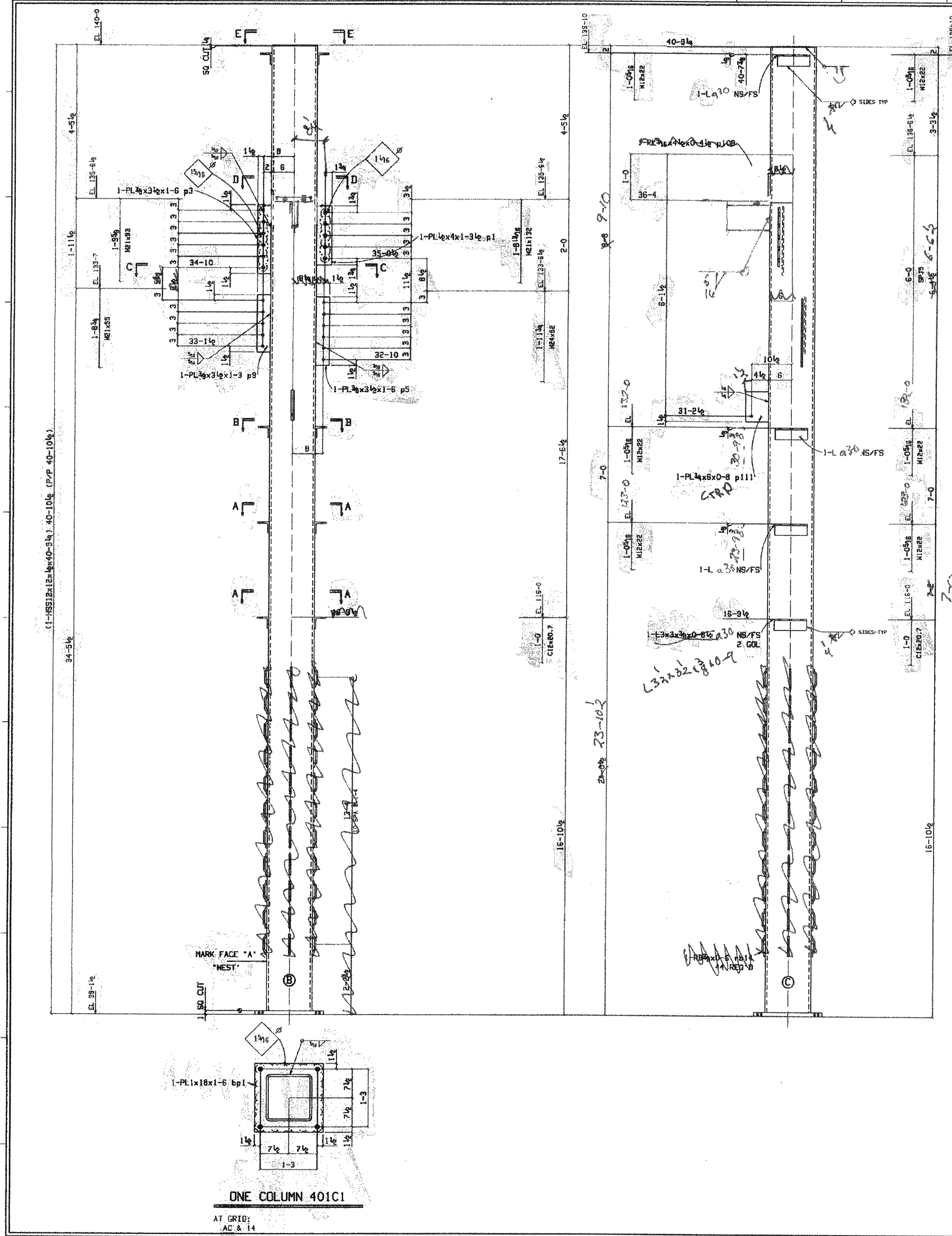
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DATE: -

JOB NUMBER: 07-4-01775

FOR FABRICATION/
FIELD ☒
FOR APPROVAL ONLY
(DO NOT FAB) ☐

SHEET	REV
400	0



BILL OF MATERIAL				
QTY.	Description	Length	Mark	WGT.
Total				
1	ONE COLUMN		401C1	3310
1	HSS12x12x1/2	40-9 1/4	ts27	52E A500B
1	W6x25.8	1-1	ts27	A36
8	1/2x3x3/4	9 1/2	ts27	A36
1	PL1x18	1-6	bp1	A36
1	PL3/4x6	8	p111	A36
1	PL3/4x4	1-3 1/2	p1	A36
1	PL3/4x3 1/2	1-6	p5	A36
1	PL3/4x3 1/2	1-6	p3	A36
1	PL3/4x3 1/2	1-3	p9	A36
1	PL3/4x4 1/2	1/2	p108	A36
1	PL4x12	1-0	cp2	A36
1	W6x25.8	1-0	cp2	A36
1	W6x25.8	1-0	cp2	A36

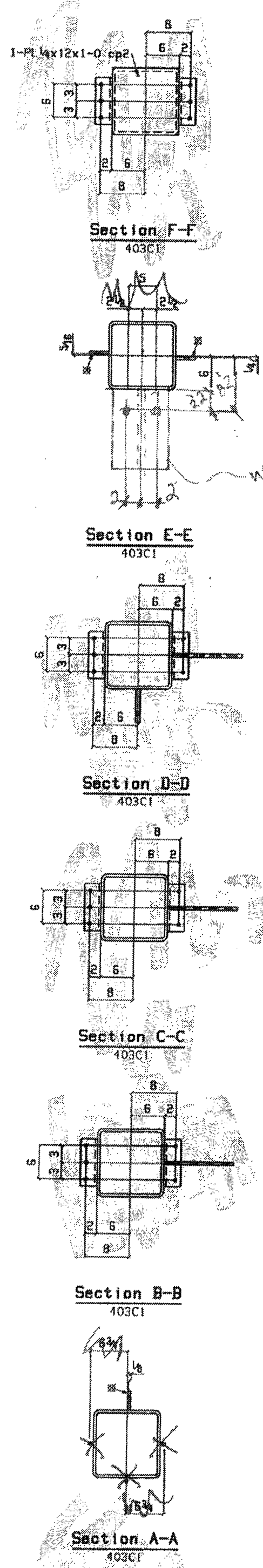
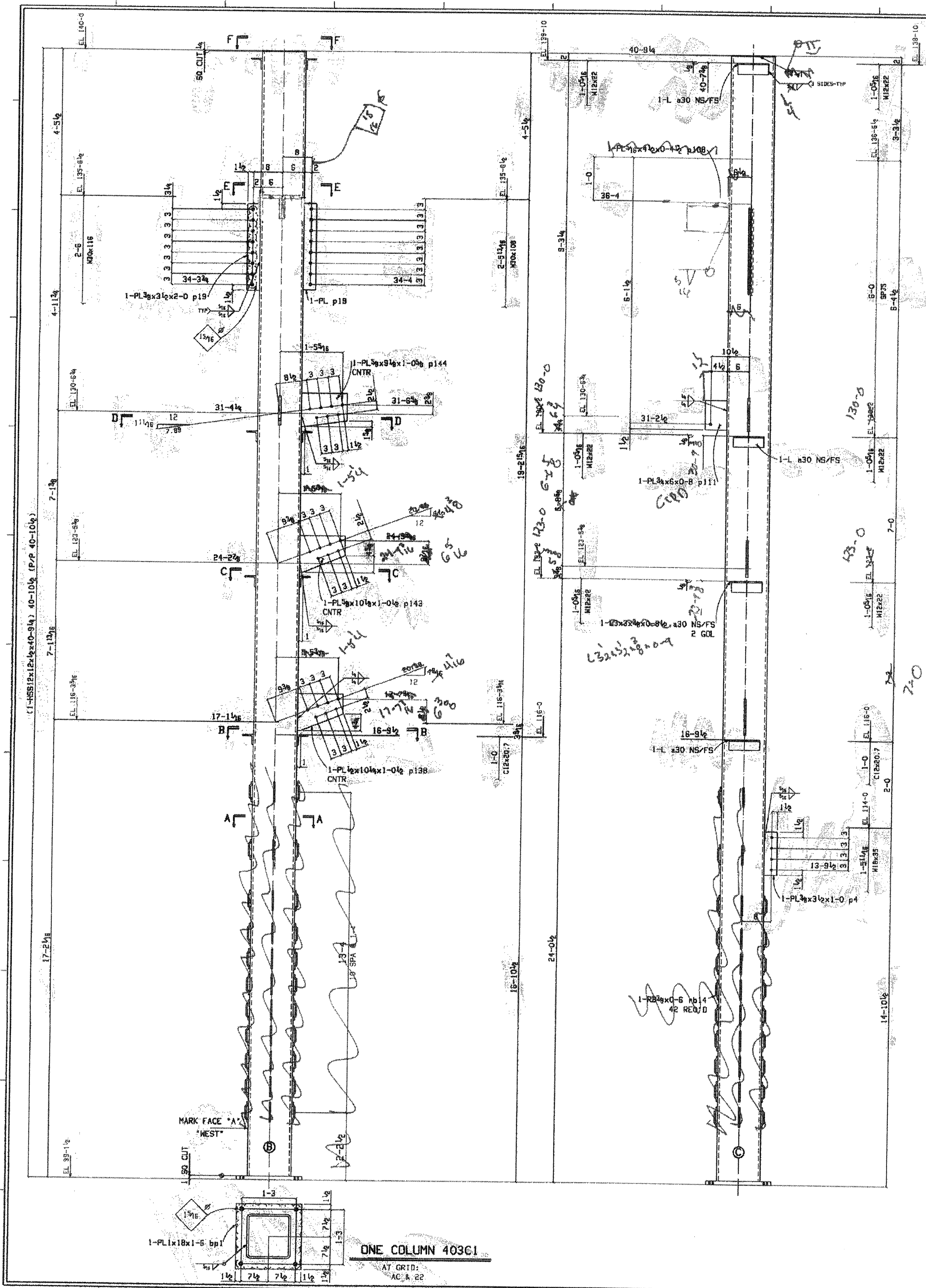
NOTES:	
FOR FAB 7-8-08	
STEEL GRADES:	
W SHAPES - A992	SHOP COATING - ONE COAT RED PRIMER
C SHAPES - A36	SURFACE PERM - SEE SPEC
S SHAPES - A36	BOLTS - 3/4 DIA A325 w/ N & N
ANGLES - A36	HOLES - 1 1/4 DIA U.N
PLATES - A36	WELDS - E70XX
HSS/TS - A500 Gr B	
PIPE - A53 Gr B	
SHOP NOTES:	
FOR FABRICATION/ FIELD	
FOR APPROVAL ONLY (DO NOT FAB)	
SHEET REV	
401	0

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005

Stone City
Ironworks, Inc.

DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

REV. DATE: -
DESCRIPTION OF REVISION: -
OK BY: -
DRAWN BY: -
DATE: -
CHECKED BY: -
DATE: -
JOB NUMBER: 07-4-01775
FOR FABRICATION/ FIELD
FOR APPROVAL ONLY (DO NOT FAB) X
SHEET REV
401 0



BILL OF MATERIAL				
QTY.	Description	Length	Mark	NGT.
1	ONE COLUMN	403C1		3363
1	HSS12x12x1/2	40-9 1/4	ts27	52E A500B 3101
8	1/2x3/4x12	1-1	29	A36 18
1	PL1x18	1-6	bp1	A36 92
1	PL3/4x6	8	p111	A36 10
1	PL3/4x10 1/2	1-0 1/2	p143	A36 22
1	PL3/4x10 1/2	1-0 1/2	p144	A36 20
1	PL3/4x10 1/2	1-0 1/2	p138	A36 18
2	PL3/4x3 1/2	2-0	p19	A36 9
1	PL3/4x3 1/2	1-0	p4	A36 4
1	PL3/4x12	1-0	cp2	A36 10
1	W/ 6x6 5/8-30-3	8	p401	A492 0

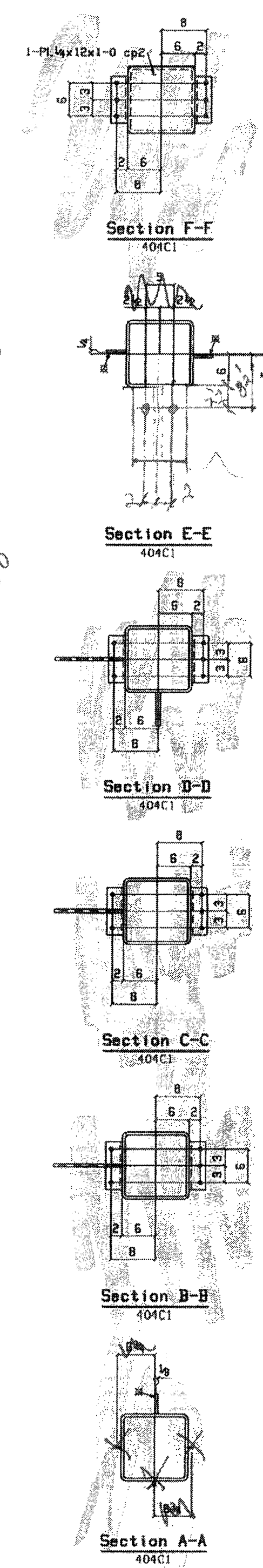
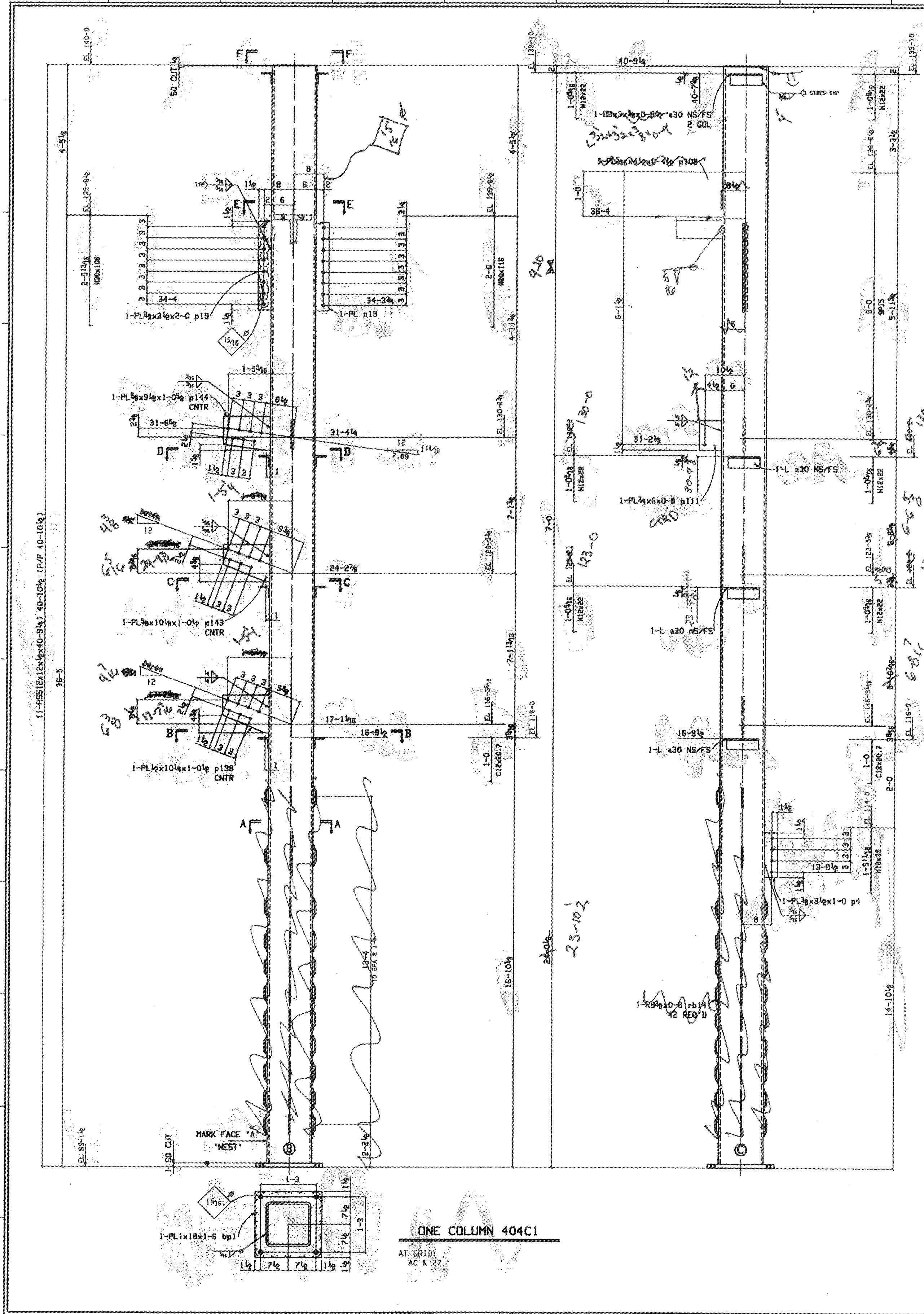
NOTES:

FOR FAB 7-8-08

STEEL GRADES:
N SHAPES - A592
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 1/8 DIA U.N
HELDS - E70XX

1771 US Highway 50 East BEDFORD, TN 37021 PH: (615) 279-3023 FX: (615) 279-2005	
Stone City	Ironworks, Inc.
DESCRIPTION - COLUMN DETAILS PROJECT - LAWRENCE CENTRAL HIGH SCHOOL INITIALS: JIN	
CUSTOMER - MSD OF LAWRENCE TOWNSHIP ARCHITECT - GIBBALTAR DESIGN ENGINEER - GIBBALTAR DESIGN	
REV. DATE:	DESCRIPTION OF REVISION:
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WT 6 x 26.5 x 0-8 ~ p401

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	WGT.
Total	ONE COLUMN		404C1		3365
1	HSS12x12x1/2	40'-9 1/4"	ts27	SEE A500B	9101
1	1/2x1/2x1/2	1'-1"	as	A36	18
8	1/2x1/2x1/2	1'-1"	a30	A36	5
1	PL1x18	1'-6"	bp1	A36	92
1	PL1/2x6	8"	p111	A36	10
1	PL1/2x10 1/2	1'-0 1/2"	p143	A36	22
1	PL1/2x10 1/2	1'-0 1/2"	p144	A36	20
1	PL1/2x10 1/2	1'-0 1/2"	p138	A36	18
2	PL1/2x3 1/2	7'-0"	p19	A36	9
1	PL1/2x3 1/2	1'-0"	p4	A36	4
1	PL1/2x4 1/2	1'-0"	p108	A36	4
1	PL1/2x12	1'-0"	cp2	A36	10
1	WT 6 x 26.5	8'	FBT4	A36	0
1	WT 6 x 26.5	8'	p401	A36	0

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NOTES:
FOR FAB 7-8-08

STEEL GRADES: W SHAPES - A992 C SHAPES - A36 S SHAPES - ANGLES - A36 PLATES - A36 HSS/TS - A500 Gr B PIPE - A53 Gr B	SHOP NOTES: SHOP COATING - ONE COAT RED PRIMER SURFACE PERP - SEE SPEC BOLTS - 3/4 DIA A325 w/ N & H HOLES - 1/4 DIA U.N WELDS - E70XX
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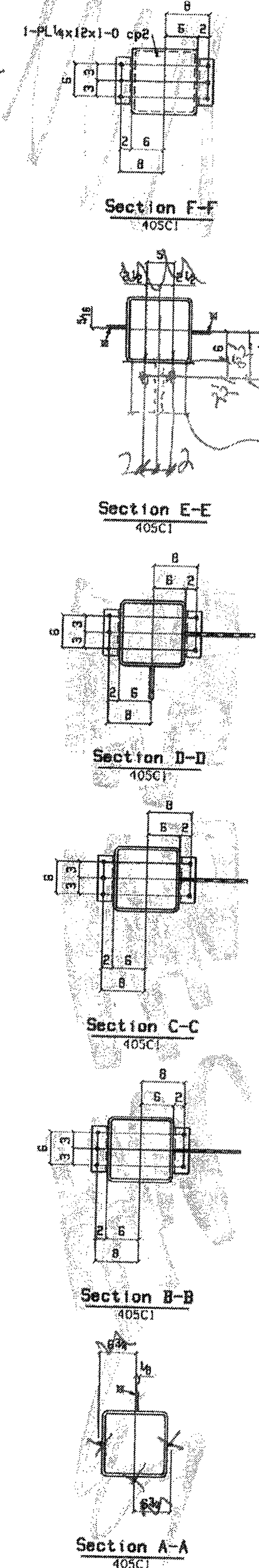
Stone City
1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005
Ironworks, Inc.



DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

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FOR FABRICATION/ FIELD FOR APPROVAL ONLY (DO NOT FAB)	- - X
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BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	MGT.
ONE	COLLUMN		405C1		3351
1	H5512x12x4	10-3/4	ts27	S2E A500B	3101
1	5X3x3	1-1	ph	A36	18
8	2x3x3/4 1.32x3.3x3	1-1	a30	A36	5
1	PL1x18	1-5	bpl	A36	92
1	PL3/4x6	8	p111	A36	10
1	PL5/8x9 1/4	1-0 1/2	p116	A36	20
1	PL2x10 1/2	1-0 1/2	p129	A36	19
1	PL6x10 1/2	1-0 1/2	p136	A36	19
1	PL3/4x3 1/2	2-0	p19	A36	9
1	PL3/4x3 1/2	1-9	p18	A36	8
1	PL3/4x3 1/2	1-0	p4	A36	1
1	PL1/2x4 1/2	1 1/2	p169	A36	2
1	PL1/4x12	1-0	cp2	A36	10
1	W6x26-5	8	p401	A992	0

Stone City

Ironworks, Inc.

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (612) 278-3023
FX: (612) 278-2005



DESCRIPTION - COLUMN DETAILS	
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL	
	INDIANAPOLIS, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP	
ARCHITECT - GIBRALTAR DESIGN	
ENGINEER - GIBRALTAR DESIGN	

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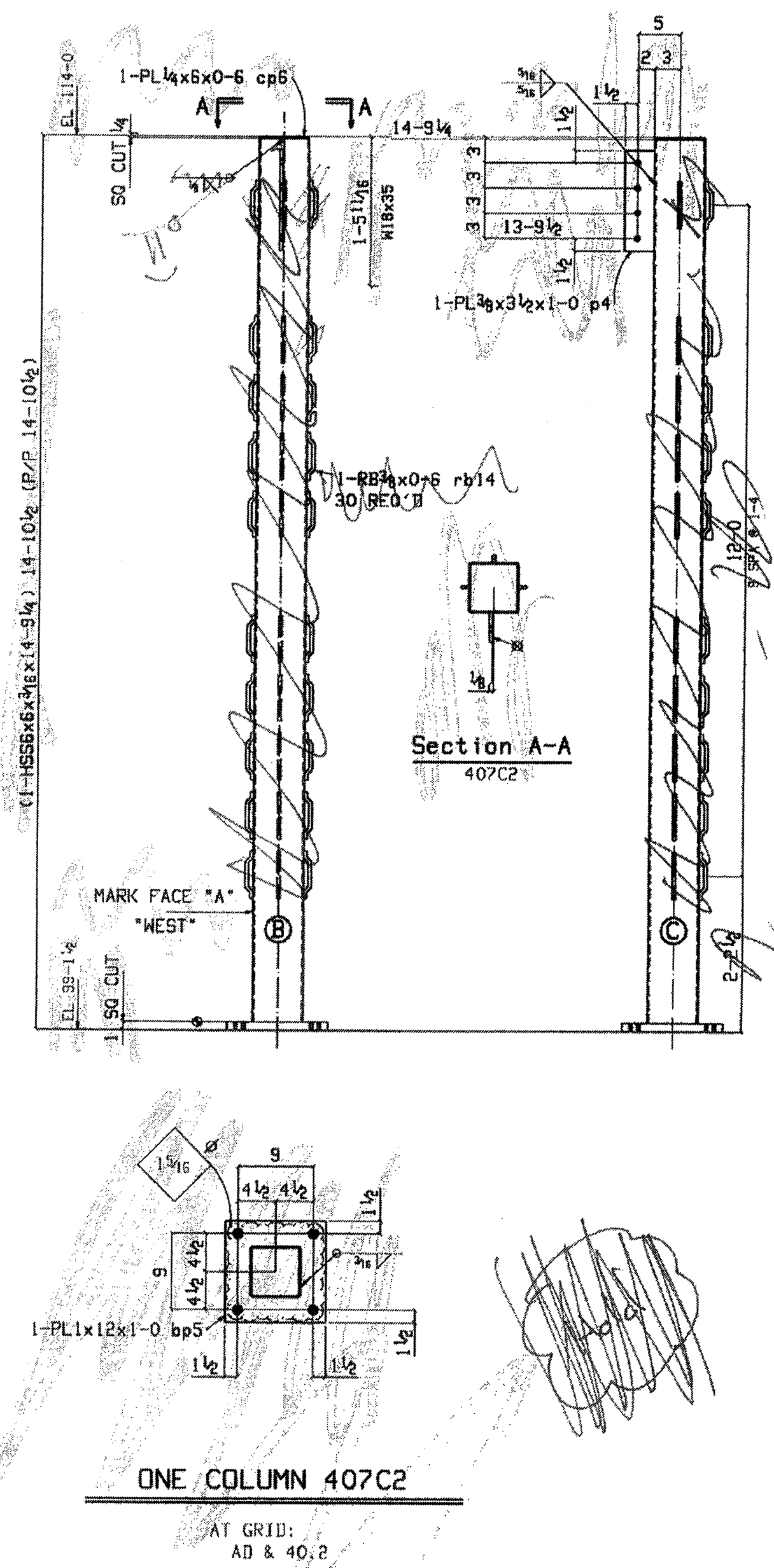
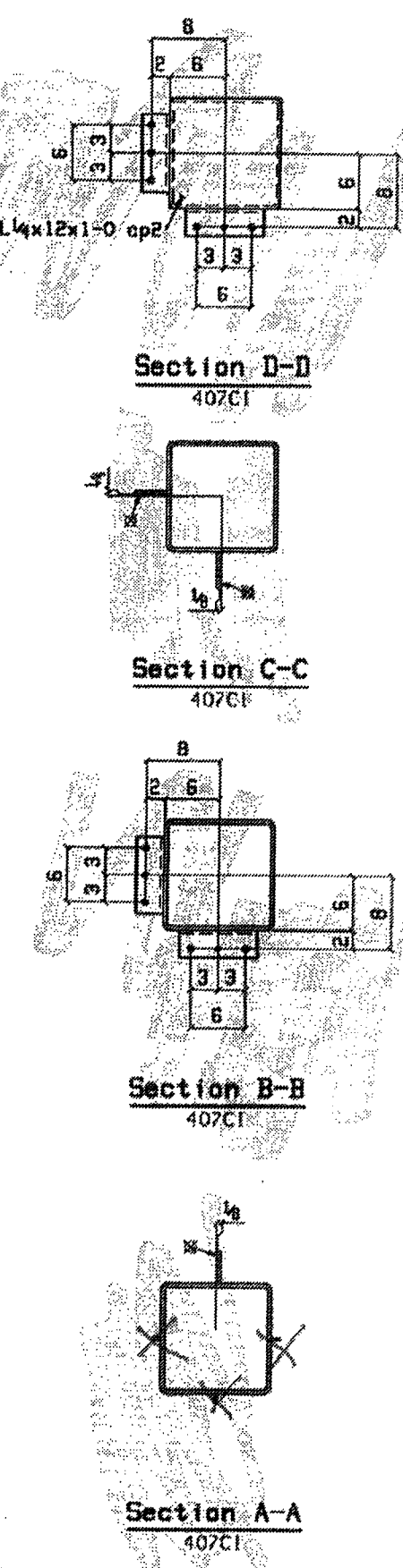
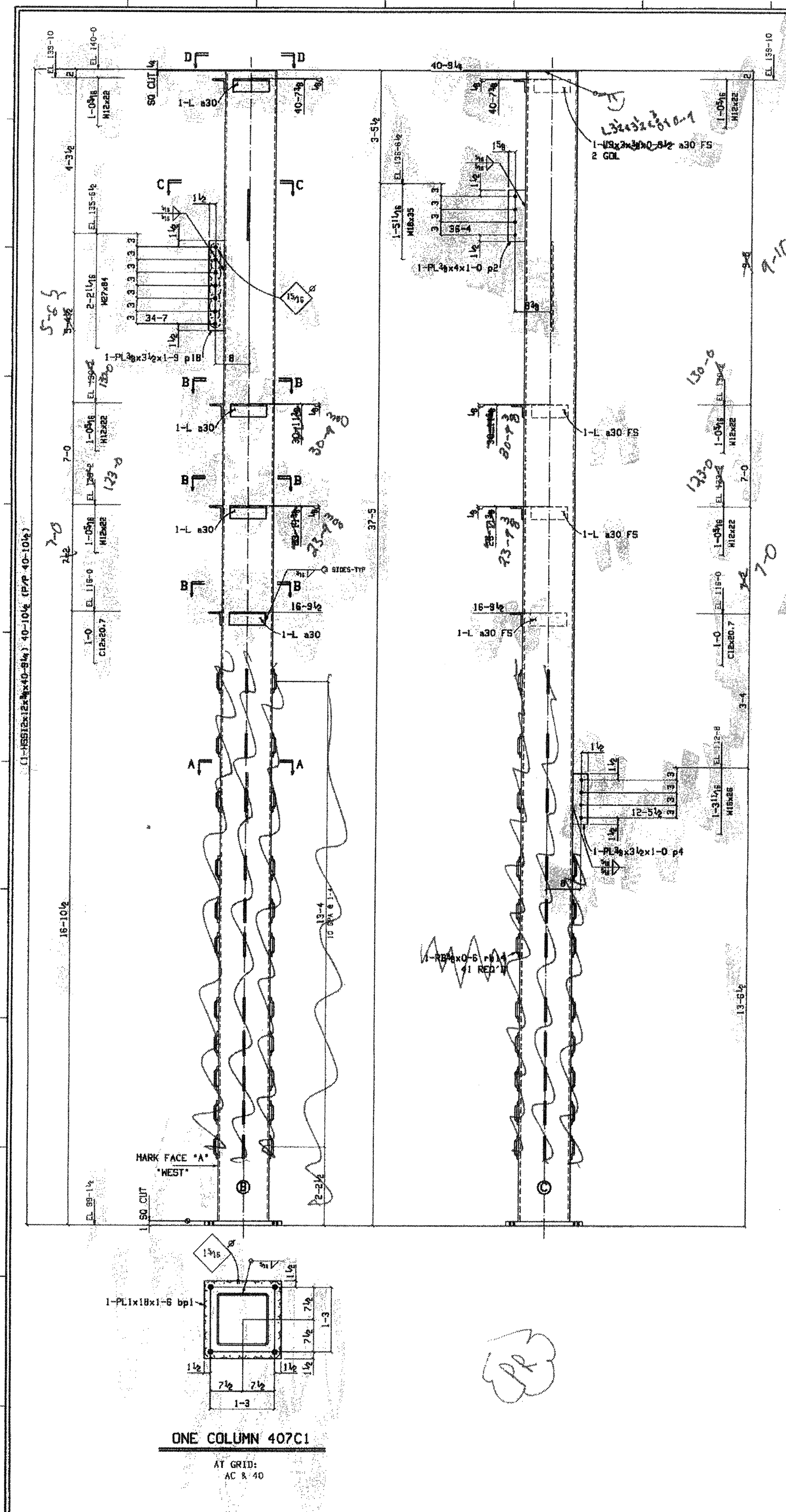
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JOB NUMBER: 07-4-01775	
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FOR APPROVAL ONLY (DO NOT FAB)	X
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NOTES:

FOR FAB 7-8-08

FEEL GRAINES:	SHOP NOTES:
SHAPES - A392	SHOP COATING - ONE COAT RED PRIMER
SHAPES - A36	SURFACE PERP - SEE SPEC
SHAPES - .	BOLTS - 3/4 DIA A325 W/ N & W
ANGLES - A36	WELDS - 1/2" DIA U.N.
LATES - A36	
SS/ST - A500 Gr B	
PIPE - A53 Gr B	



BILL OF MATERIAL					
QTY.					WGT.
Total	Description	Length	Mark	Remarks	Unit
ONE COLUMN			407C1		2537
1	HSS12x12x1/4	40-94	ts8	S2E A500B	2369
8	PL 1x18	1-6	ap30	A36	5
1	PL 1/4x4	1-0	bp1	A36	92
1	PL 1/4x4	1-0	p2	A36	9
1	PL 1/4x3 1/2	1-9	p18	A36	8
1	PL 1/4x3 1/2	1-0	p4	A36	4
1	PL 1/4x12	1-0	cp2	A36	10
1	PL 1/4x6	6	nb14	A36	0
ONE COLUMN			407C2		258
1	HSS6x6x1/8	14-94	ts6	S2E A500B	215
1	PL 1x12	1-0	bp5	A36	41
1	PL 1/4x3 1/2	1-0	p4	A36	4
1	PL 1/4x6	6	cp5	A36	3
1	PL 1/4x6	6	eb14	A36	0

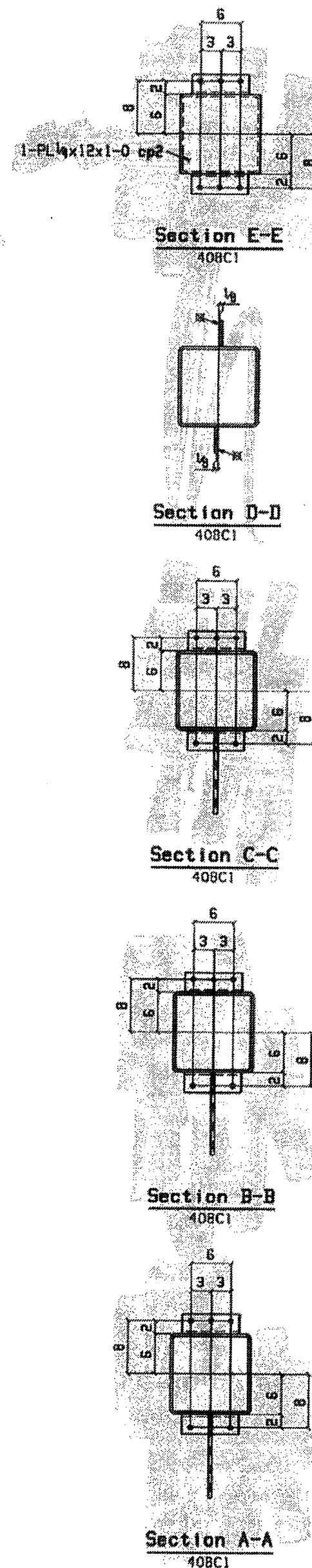
NOTES:

FOR FAB 7-8-08

FOR FAB 8-14-08

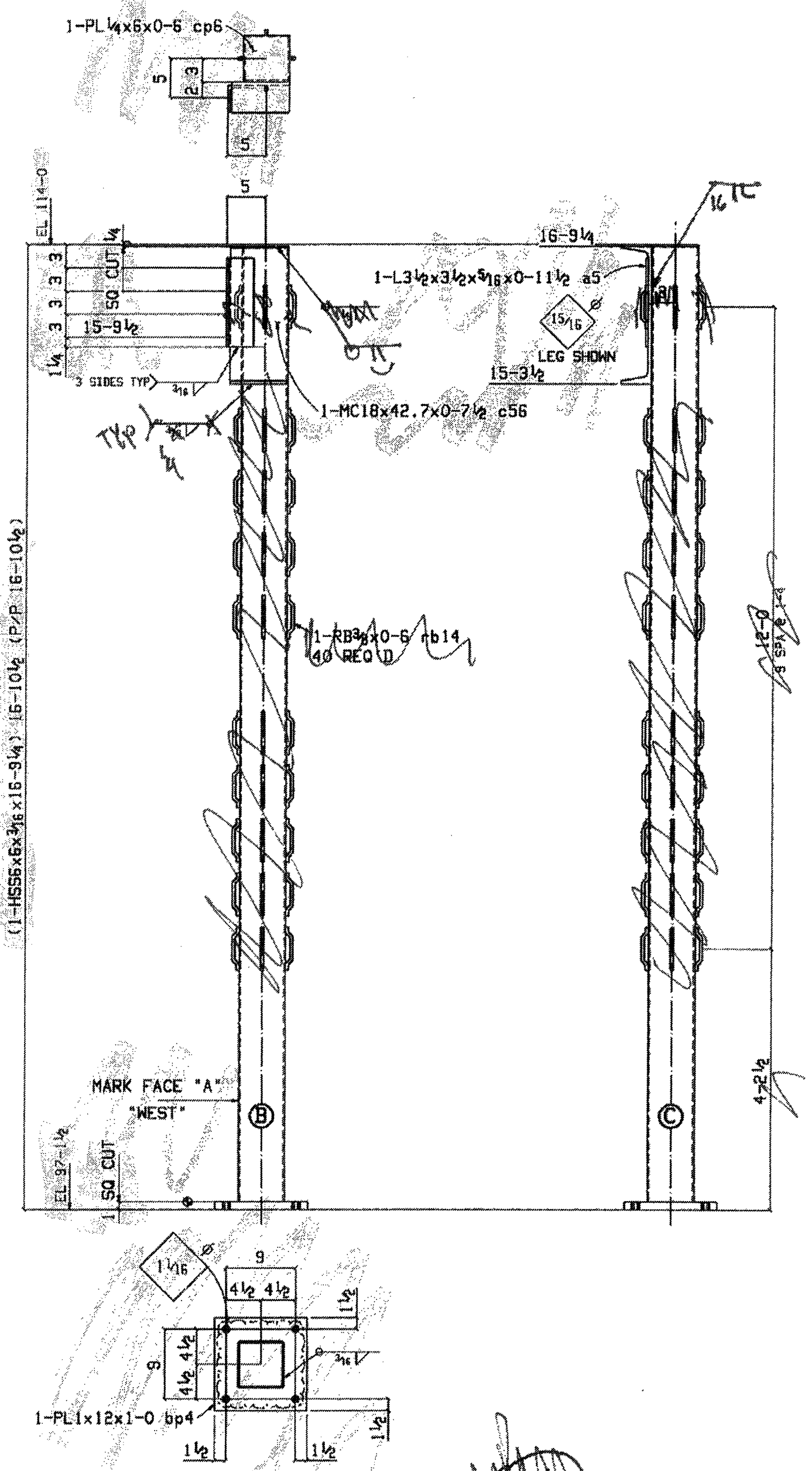
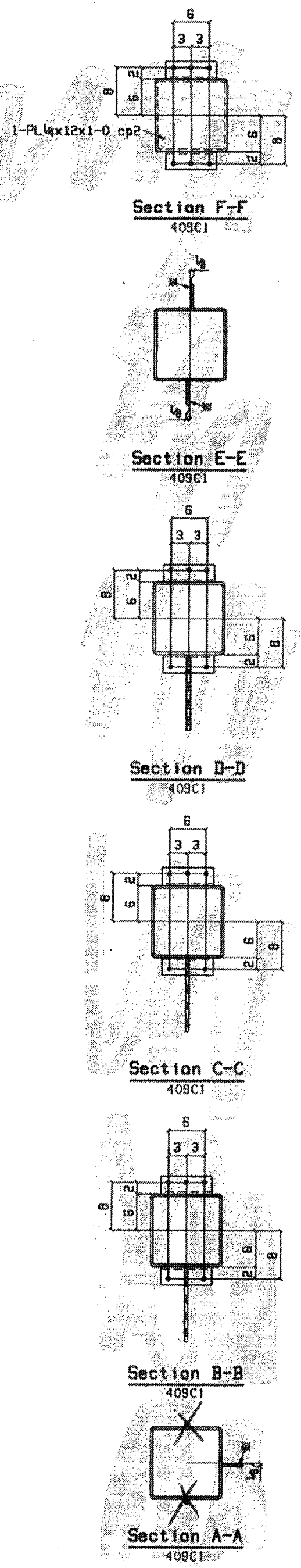
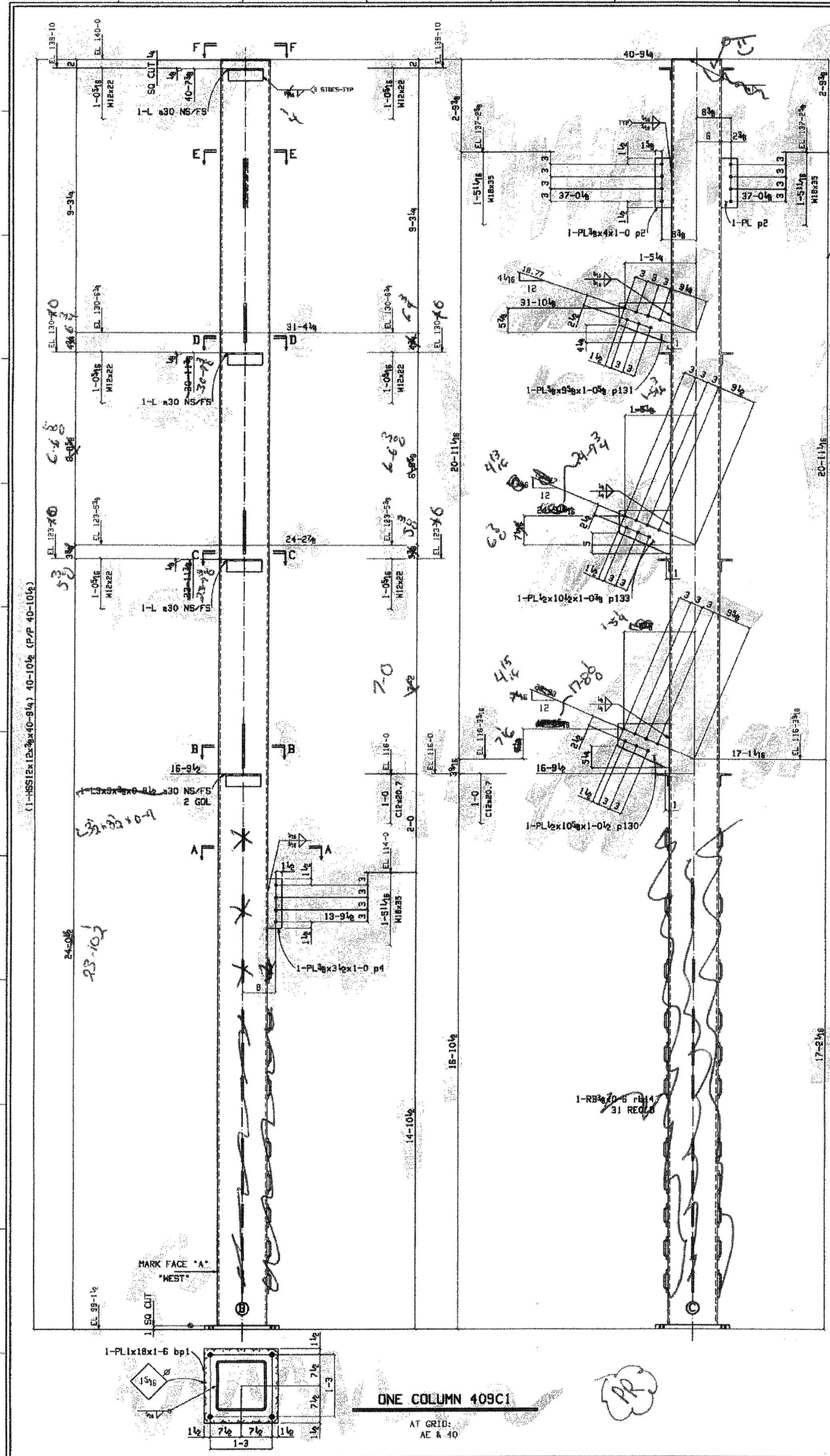
STEEL GRADES:	SHOP NOTES:
W SHAPES - A592	SHOP COATING - ONE COAT RED PRIMER
C SHAPES - A36	SURFACE PERP - SEE SPEC
S SHAPES -	BOLTS - 3/4 DIA A325 w/ N & N
ANGLES - A36	HOLDS - 1/4 DIA U.N.
PLATES - A36	WELDS - E7018
HSS/TS - A500 Gr B	
PIPE - A53 Gr B	

				Stone City 1771 US Highway 50 East BEDFORD, TN 37421 PH: (612)279-3023 FX: (612)279-2005 Ironworks, Inc.	
DESCRIPTION - COLUMN DETAILS PROJECT - LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN CUSTOMER - MBD OF LAWRENCE TOWNSHIP ARCHITECT - GIBRALTAR DESIGN ENGINEER - GIBRALTAR DESIGN		OUR SITE REVISIONS DATE DESCRIPTION OF REVISIONS		DATE BY REVISIONS DESCRIPTIONS	
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Stone City

Ironworks, Inc.



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WT.
ONE COLUMN			409C1		2391
1	HSS12x12x3/8	40-9 1/4	ts8	S2E A500B	2365
8	1/2" x 3/8" x 32' x 8		a30	A36	5
1	PL1x18	1-6	bp1	A36	92
1	PL3/8x8 1/2	1-0 1/2	p131	A36	22
1	PL1/2x10 1/2	1-0 1/2	p130	A36	19
1	PL1/2x10 1/2	1-0 1/2	p133	A36	18
2	PL3/8x4	1-0	pc	A36	5
1	PL3/8x3 1/2	1-0	p4	A36	4
1	PL1/4x12	1-0	cp2	A36	10
40	RB 1/2"	6	rb14	A36	0
ONE COLUMN			409C2		328
1	HSS6x6x3/8	16-9 1/4	ts20	S2E A500B	244
1	L3/8x3 1/2x3/8	11 1/2	a5	A36	7
1	MC18x42.7	7 1/2	c56	A36	27
1	PL1x12	1-0	bp4	A36	41
1	PL1/4x6	6	cp6	A36	3
40	RB 1/2"	6	rb14	A36	0

NOTES:
FOR FAB 7-14-08
FOR FAB 8-14-08

STEEL GRADES: W SHAPES - A992 C SHAPES - A36 S SHAPES - ANGLES - A36 PLATES - A36 HSS/TS - A500 Gr B PIPE - A53 Gr B	SHOP NOTES: SHOP COATING - ONE COAT RED PRIMER SURFACE PERP - SEE SPEC BOLTS - 3/4" DIA A325 w/ N & N HOLES - 1/8" DIA U.N WELDS - E70XX
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Stone City

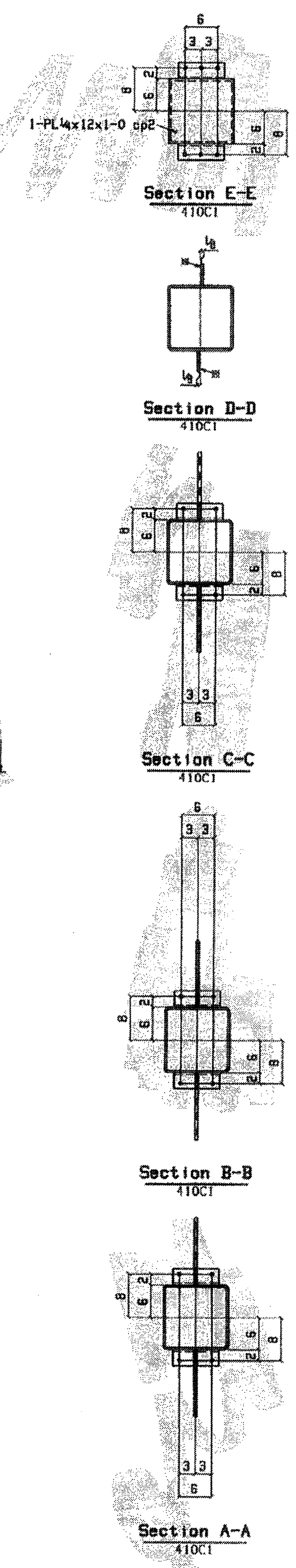
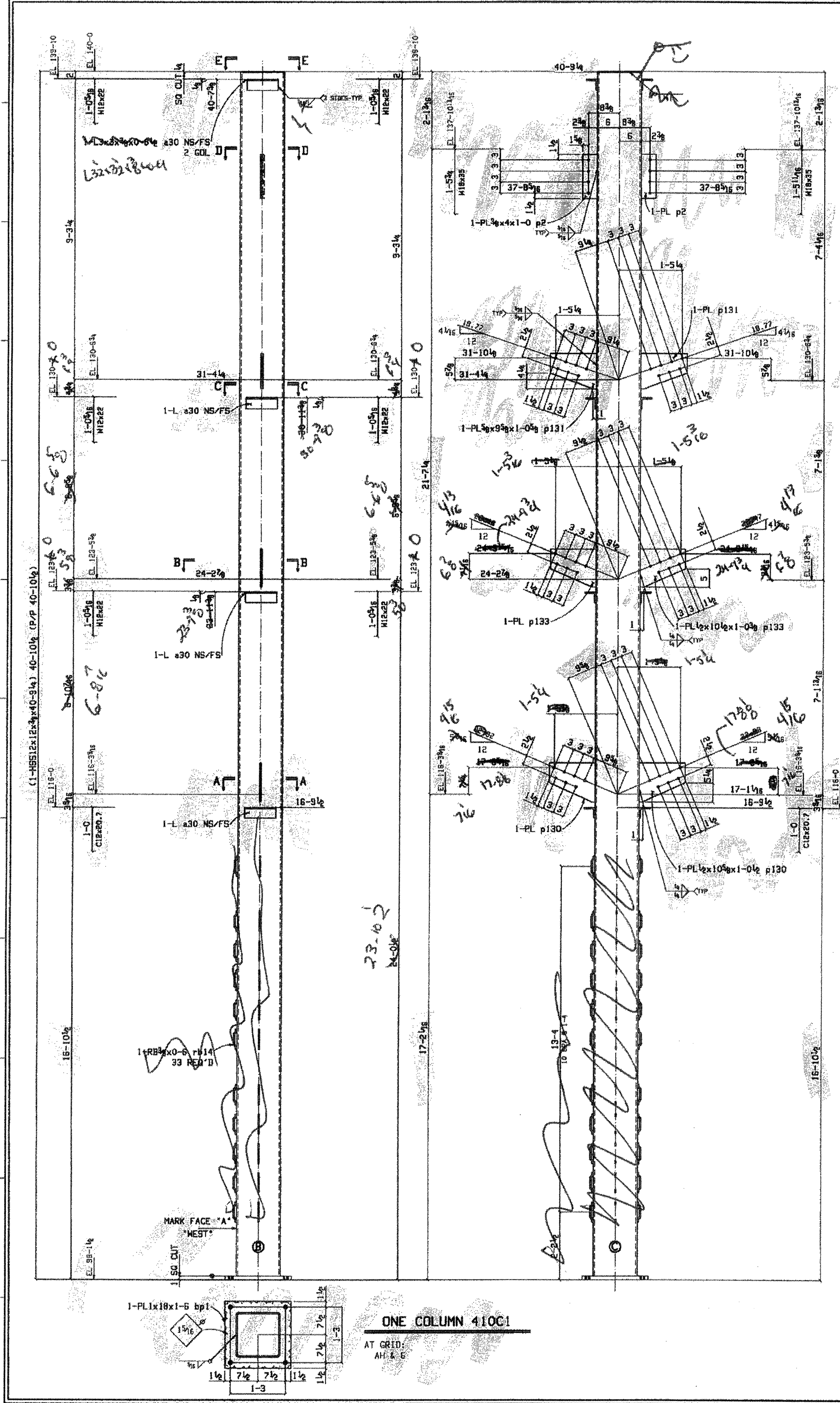
1771 US Highway 50 East
BEDFORD, TN 37421
PH: (615) 279-3023
FX: (615) 279-3005

Ironworks, Inc.

DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN
CUSTOMER - WED OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

REV. DATE:
DESCRIPTION OF REVISION:
OK BY:
JOSH NUMBER: 07-4-01775

FOR FABRICATION/ FIELD
FOR APPROVAL ONLY (DO NOT FAB)
SHEET 409
REV 0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
ONE COLUMN	410C1				2369
1	HSS12x12x3/8	40-9 1/4	ts8	SPE A300B	2369
8	1-PL 1/2 x 10 x 1/4	1-6	bp1	A36	5
1	PL 1x18	1-0 1/2	p131	A36	22
2	PL 1/2 x 3/4	1-0 1/2	p130	A36	19
2	PL 1/2 x 10 1/2	1-0 1/2	p133	A36	18
2	PL 1/2 x 4	1-0	p2	A36	5
1	PL 1/2 x 12	1-0	cp2	A36	10
1	1-PL 1/2 x 12 x 1/4	1-0	cp2	A36	10

Stone City

Ironworks, Inc.

1771 US Highway 50 East

Bedford, TN 37021

PH: (615) 279-3023

FX: (615) 279-2005

DESCRIPTION - COLUMN DETAILS

PROJECT - LAWRENCE CENTRAL HIGH SCHOOL

CUSTOMER - MSD OF LAWRENCE TOWNSHIP

ARCHITECT - GIBBALTAR DESIGN

ENGINEER - GIBBALTAR DESIGN

REV. DATE:

1 1/14/08

2 1/14/08

3 1/14/08

4 1/14/08

DESCRIPTION OF REVISION:

1

2

3

4

FOR FABRICATION/

FIELD

FOR APPROVAL ONLY

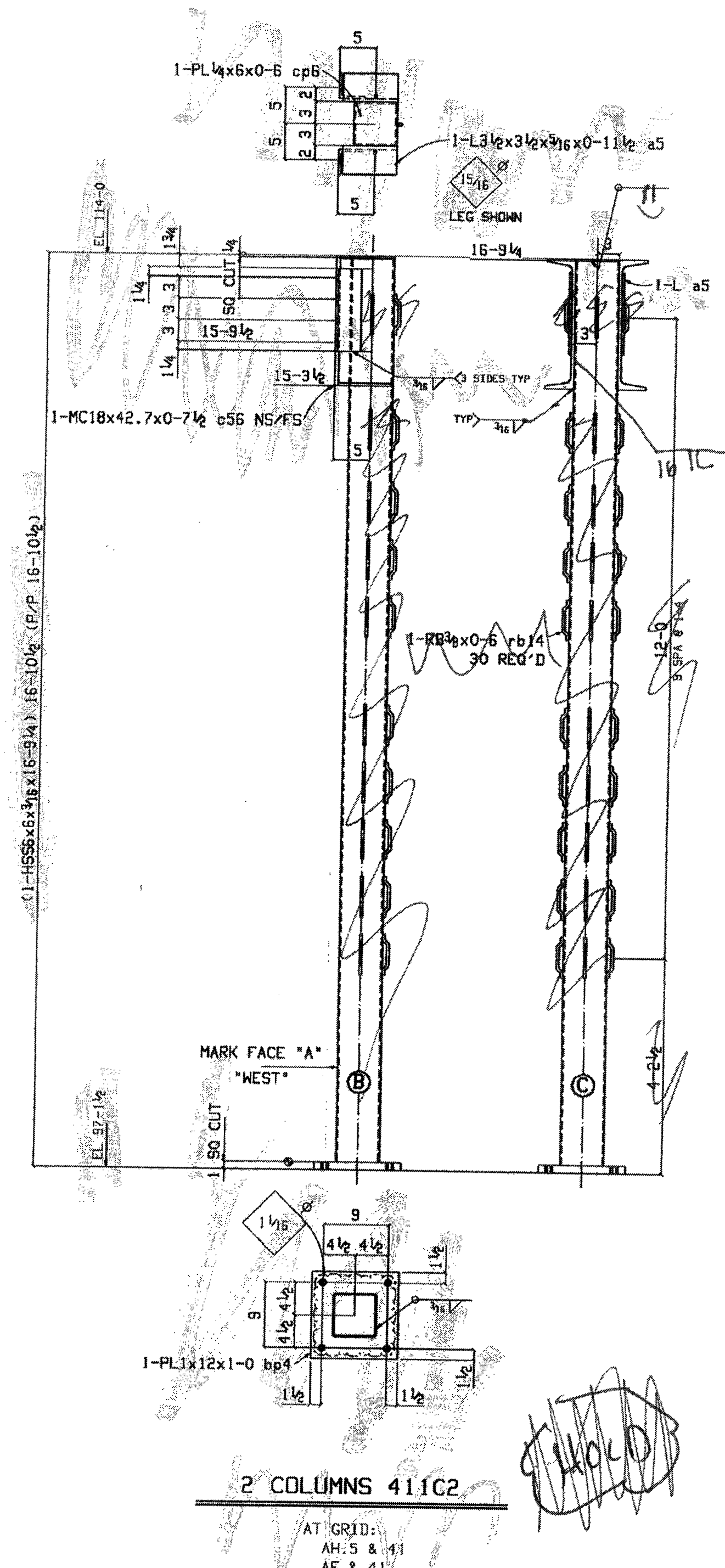
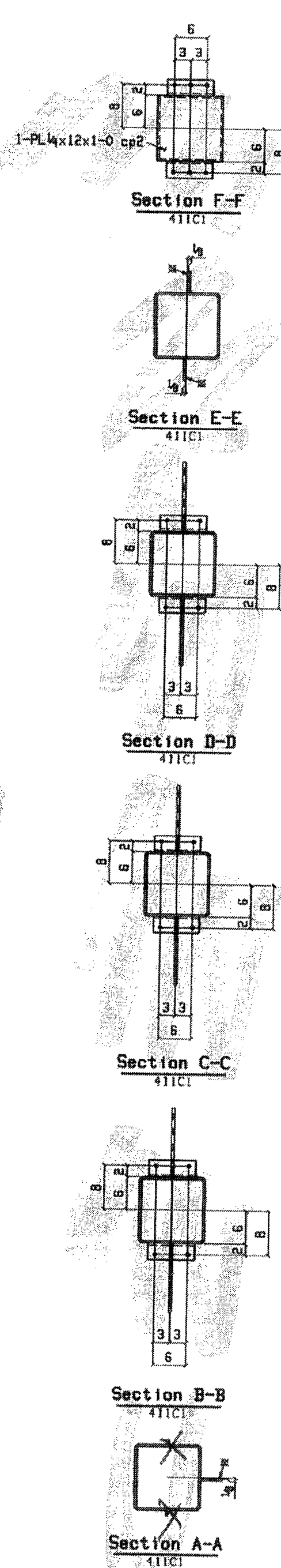
(DO NOT FAB)

SHEET

REV

410

0



BILL OF MATERIAL					
QTY.					
Total	Description	Length	Mark	Remarks	Unit
ONE	COLUMN		411C1		2652
1	HSS12x12x4	40-3/4	tsB	52E AS00B	2369
8	1/2x3/4x12	1-6	a30	A36	5
1	PL1x18	1-0 1/2	bp1	A36	32
2	PL3/4x9 1/2	1-0 1/2	p131	A36	22
2	PL1/2x10 1/2	1-0 1/2	p120	A36	19
2	PL1/2x10 1/2	1-0 1/2	p133	A36	18
1	PL3/4x4	1-3/4	p14	A36	7
2	PL1/2x4	1-0	p2	A36	5
1	PL1/4x12	1-0	cp2	A36	10
2	ASB	6	rb14	A36	0
2	COLUMN		411C2		360
2	HSS6x6x4 1/2	16-3/4	ts20	52E AS00B	244
4	1/2x3/4x9 1/2	11 1/2	a5	A36	7
4	MC18x42.7	7 1/2	c56	A36	27
2	PL1x12	1-0	bp4	A36	41
2	PL1/4x6	6	cp5	A36	3
66	RB4	6	rb14	A36	0

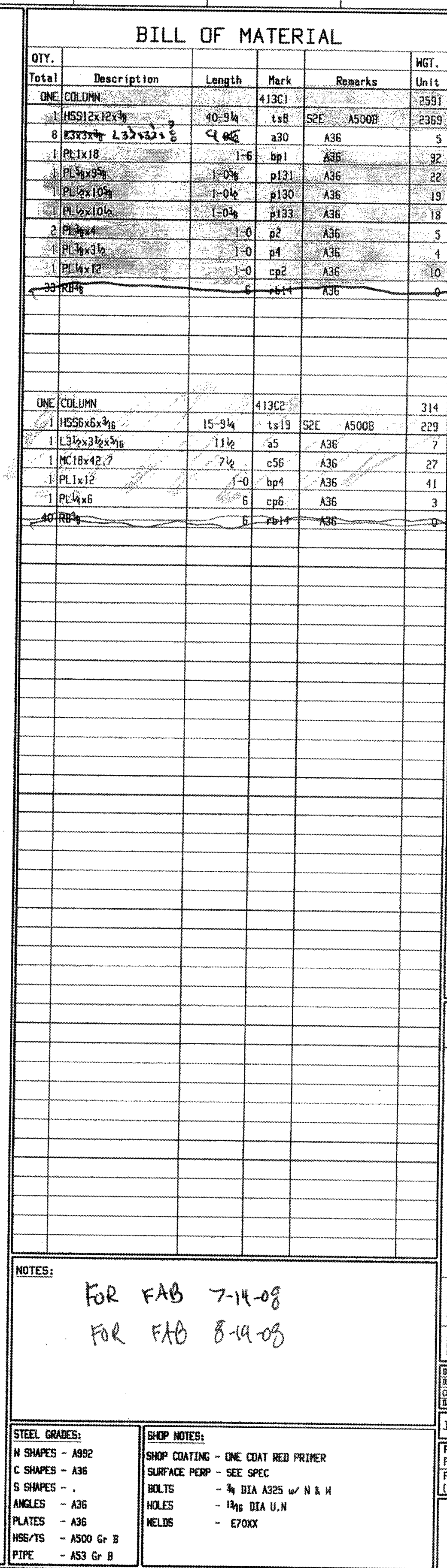
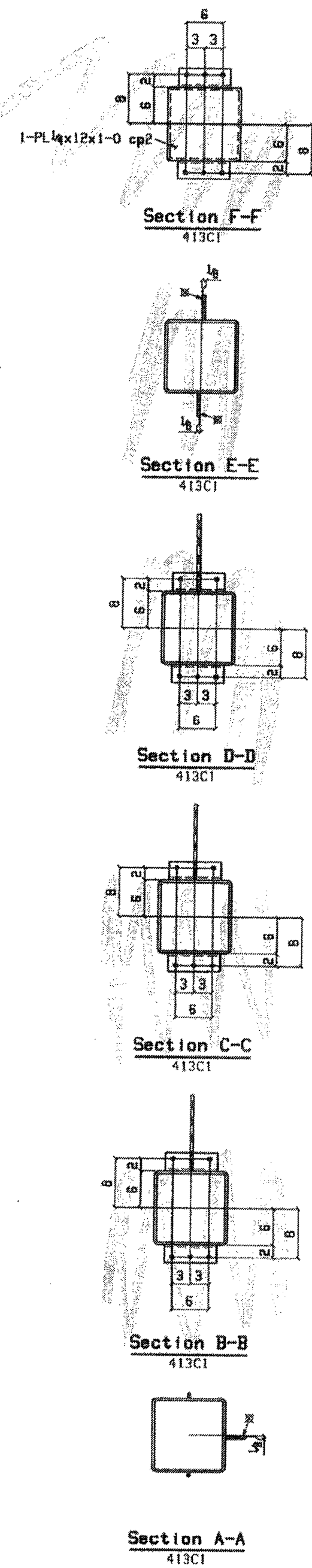
NOTES:

FOR FAB 7-14-08

FOR FAB 8-14-08

STEEL GRADES:	SHOP NOTES:
N SHAPES - A992	SHOP COATING - ONE COAT RED PRIMER
C SHAPES - A36	SURFACE PERP - SEE SPEC
S SHAPES - .	BOLTS - 3/4 DIA A325 w/ N & M
ANGLES - A36	HOLES - 1 1/2 DIA U.N.
PLATES - A36	WELDS - E70XX
HSS/TS - A500 Gr II	
PIPE - A53 Gr B	

						Stone City Innovative Inc.		1771 US Highway 50 East BEDFORD, TN 37421 PH: (615) 279-3023 FX: (615) 279-2005	
DESCRIPTION - COLUMN DETAILS		PROJECT - LAWRENCE CENTRAL HIGH SCHOOL							
DATE: / /		ARCHITECT -							
DRAWN BY: / /		ENGINEER -							
CHECKED BY: / /		CUSTOMER -							
JOB NUMBER: 07-4-0175		DESIGN -							
SHEET		REV							
411		0							



Stone City

Ironworks, Inc.

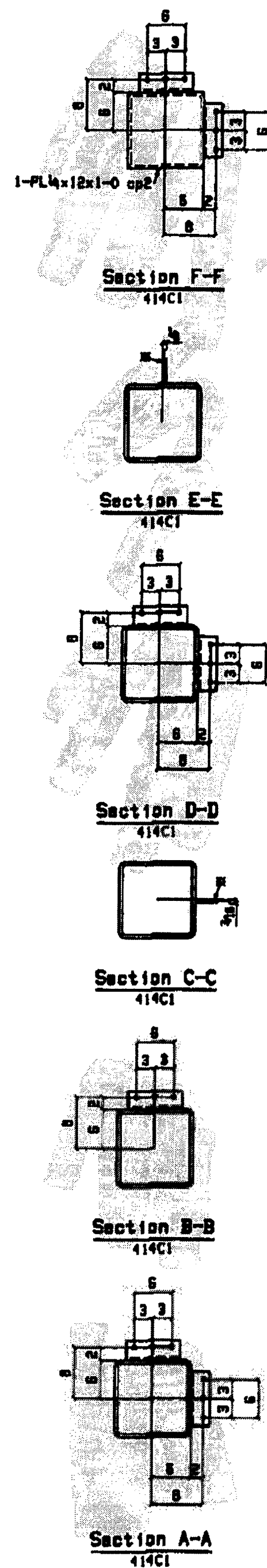
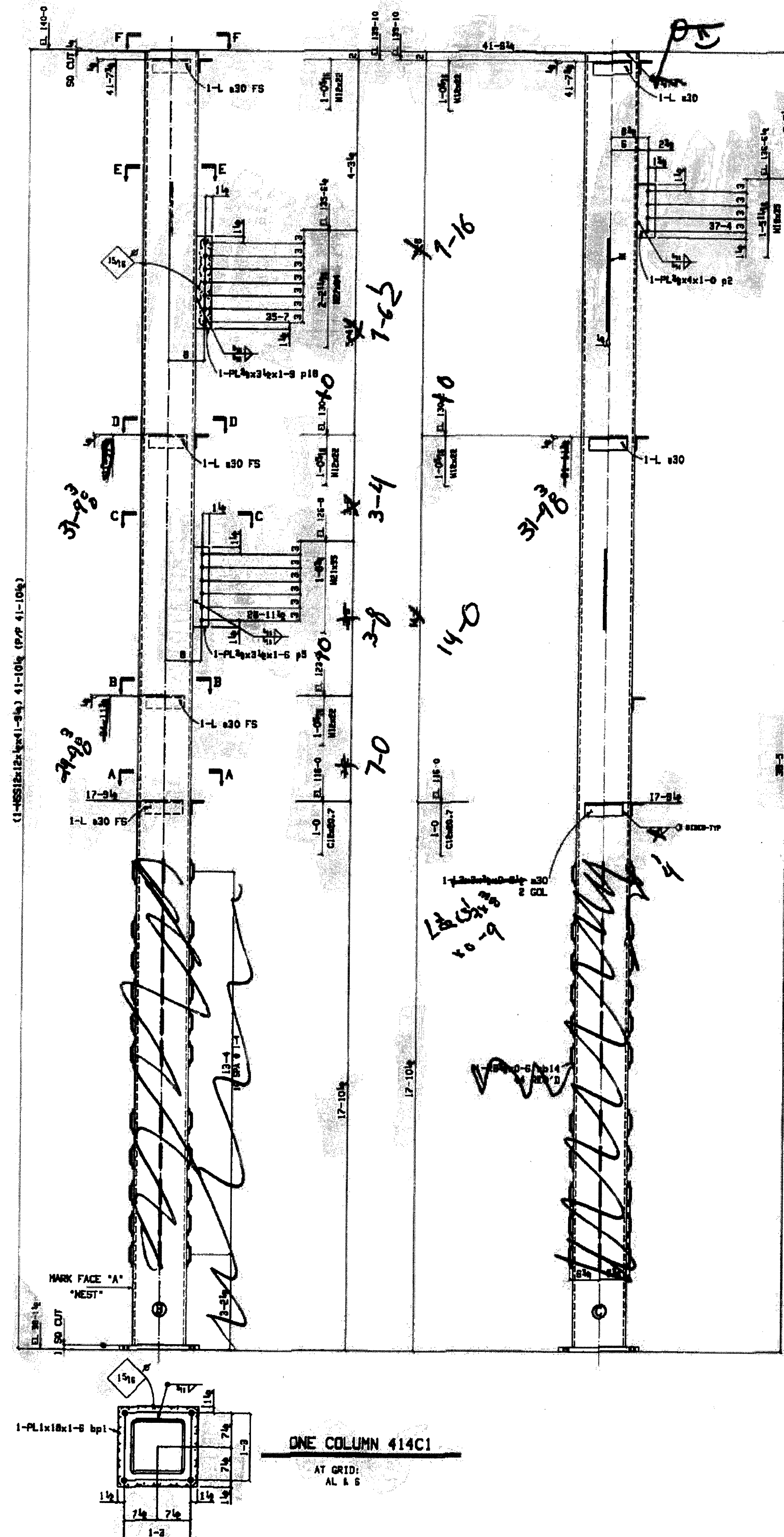
DESCRIPTION	- COLUMN DETAILS
PROJECT	- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN
CUSTOMER	- MSD OF LAWRENCE TOWNSHIP
ARCHITECT	- GIBRALTAR DESIGN
ENGINEER	- GIBRALTAR DESIGN

REV.	DATE:	DESCRIPTION OF REVISION:	CHK
1			
2			
3			
4			
5			

DESIGNED BY	
CHECKED BY	
DATE	
PROJECT	

JOB NUMBER: 02-4-01775

DR FABRICATION/ FIELD		-
DR APPROVAL ONLY (DO NOT FAB)		X
SHEET	REV	
413	0	



BILL OF MATERIAL					
QTY.					
Total	Description	Length	Mark	Remarks	WGT. Unit
ONE COLUMN			414C1		3343
1	HSS 12x12x1/2	41-8 1/2	cs9	S2E A500B	3178
7	CS 12x12x1/2	41-8 1/2	a30	A36	5
1	PL 1x18	1-6	bp1	A36	92
1	PL 3/4x4	1-0	p2	A36	5
1	PL 3/4x3 1/2	1-9	p18	A36	8
1	PL 3/4x3 1/2	1-6	p5	A36	7
1	PL 1/4x12	1-0	cp2	A36	10
ONE COLUMN			414C1		3343

NOTES:

FOR ETB 7-14-08

STEEL GRADES:

W SHAPES	- A992
C SHAPES	- A36
S SHAPES	- .
ANGLES	- A36
PLATES	- A36
HSS/TS	- A500 Gr B
PIPE	- A53 Gr B

SHIP NOTES:

SHOP COATING - ONE COAT RED PRIMER
SURFACE PERF - SEE SPEC
BOLTS - 3/4 DIA A325 w/ N & W
HOLES - 1 1/8 DIA U.W
WELDS - E70XX

Stone City

1771 US Highway 50 East
BEDFORD, TN 37421
PH: (615) 279-3023
FX: (615) 279-2005
Ironworks, Inc.



DESCRIPTION	- COLUMN DETAILS
PROJECT	- LAWRENCE CENTRAL HIGH SCHOOL TAMM, MINNAPOLIS, IN

CUSTOMER
ARCHITECT
ENGINEER

DATE

DESCRIPTION OF REVISION:

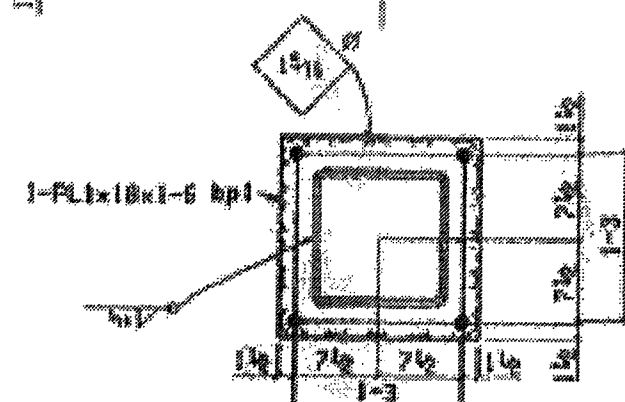
REV.	DATE:
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DATE
CHECKED
DATE

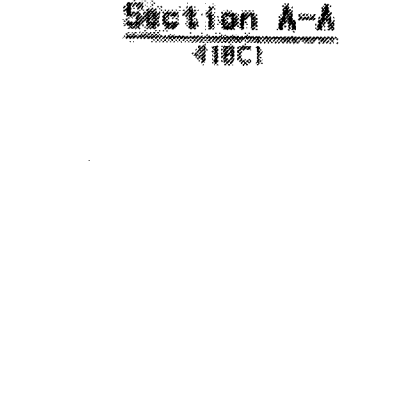
JOB NUMBER: 17-4-01775

FOR FABRICATION/	
FIELD	-
FOR APPROVAL ONLY	X
(DO NOT FAB)	

SHEET	REV
414	0



AT GRID:
M 1 2



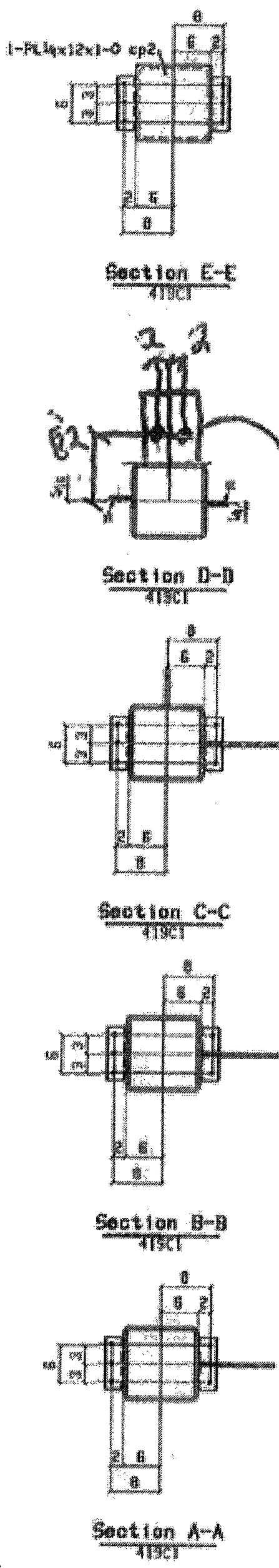
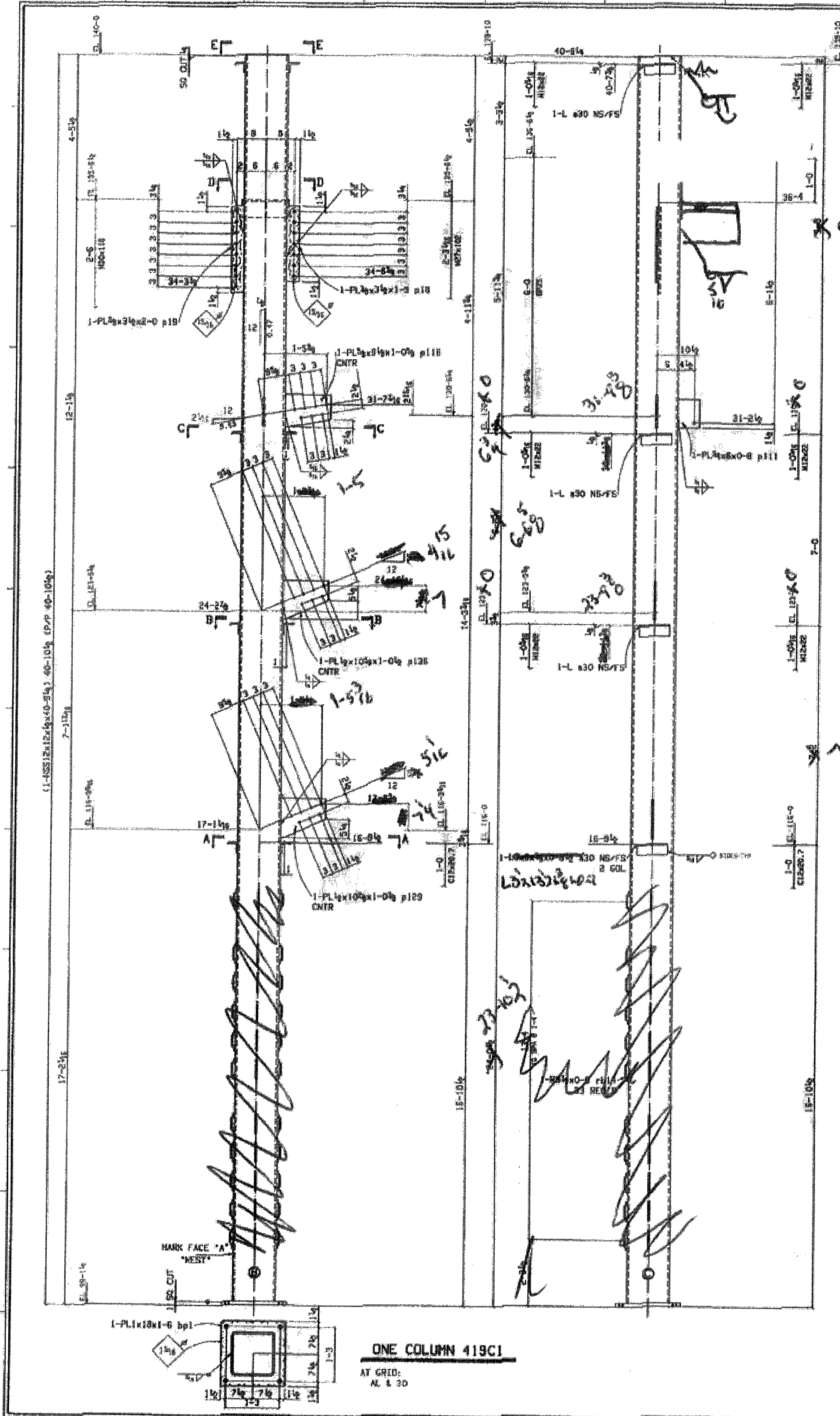
WT6426.5 x0-8 ~ p40

NOTES:

FOR FAB 7-24-08

SHOP NOTES:
 SHOP COATING - ONE COAT RED PRIMER
 SURFACE PERP - SEE SPEC
 BOLTS - 3/4" DIA A325 w/ N &
 HOLES - 1 1/8" DIA U.N.
 WELDS - E70XX

JOB NUMBER: (7-4-0175)	
FOR FABRICATION/ FIELD	-
FOR APPROVAL ONLY (DO NOT FAB)	X
SHEET	REV
418	0



WTC+26.5 x 0'-8" ~ p44

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	HGT.
Total	ONE COLUMN		419C1		3353
1	MS12x12x1/2	10'-8 1/2"	1s27	S2E ASD00R	3101
1	PL4x10	1'-6"	bp1	A36	92
1	PL4x8	1'-0"	p111	A36	23
1	PL4x6	1'-0"	p129	A36	19
1	PL4x4	1'-0"	p135	A36	19
1	PL4x3	1'-0"	p18	A36	8
1	PL4x2	1'-0"	op2	A36	10
1	PL4x1	1'-0"	op2	A36	10

STEEL GRADES:	SHOP NOTES:
H SHAPES - A36	SHOP COATING - ONE COAT RED PRIMER
C SHAPES - A36	SURFACE PERP - SEE SPEC
S SHAPES - A36	BOLTS - 3/4" DIA A325 w/ N & H
ANGLES - A36	HOLES - 1/4" DIA MIN
PLATES - A36	WELDS - E70XX
NSB/TS - A500 Gr B	
PPE - A53 Gr B	

Stone City

Ironworks, Inc.

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-8005

DESCRIPTION - COLUMN DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDEPENDENCE, IN
CUSTOMER - TOWN OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALTAR DESIGN
ENGINEER - GIBBALTAR DESIGN

REV. DATE: DESCRIPTION OF REVISION: OK BY:

1 11/1/01

2 11/1/01

3 11/1/01

4 11/1/01

5 11/1/01

6 11/1/01

7 11/1/01

8 11/1/01

9 11/1/01

10 11/1/01

11 11/1/01

12 11/1/01

13 11/1/01

14 11/1/01

15 11/1/01

16 11/1/01

17 11/1/01

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99 11/1/01

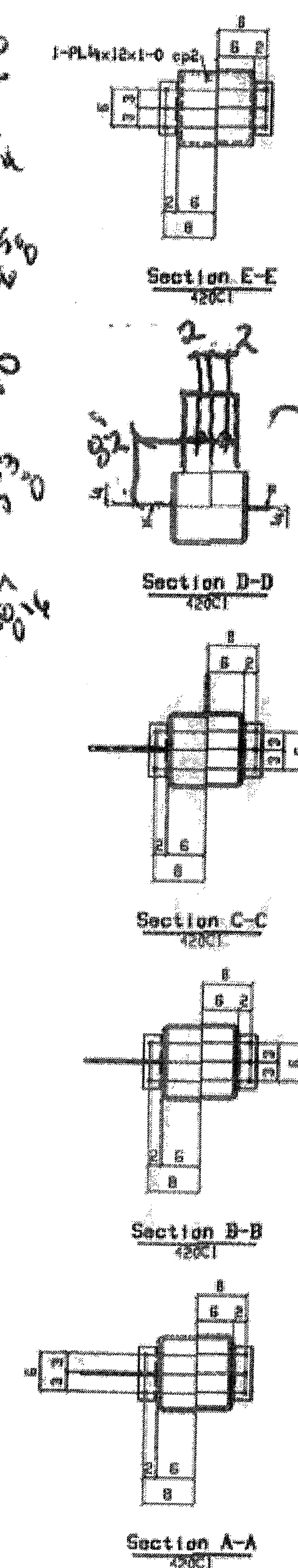
100 11/1/01

JOB NUMBER: 07-4-01/05

FOR FABRICATION/ FIELD

FOR APPROVAL ONLY (DO NOT FAB)

SHEET 419 REV 0



STEEL GRADES:		SHOP NOTES:		JOB NUMBER: 37-1-01775	
N SHAPES - A992		SURF COATING - ONE COAT RED PRIMER		FOR FABRICATION: -	
C SHAPES - A36		SHIELD PERP - SEE SPEC		FIELD -	
S SHAPES -		BOLTS - 3/4 DIA A925 w/ N & N		FOR APPROVAL ONLY: X	
ANGLES - A36		HOLES - 13/16 DIA U.N		(DO NOT FAB)	
PLATES - A36		NUTS - E70XX		SHEET	
HSS/TS - A500 Gr B				REV	
PIPE - A53 C, E				420 0	

NOTES

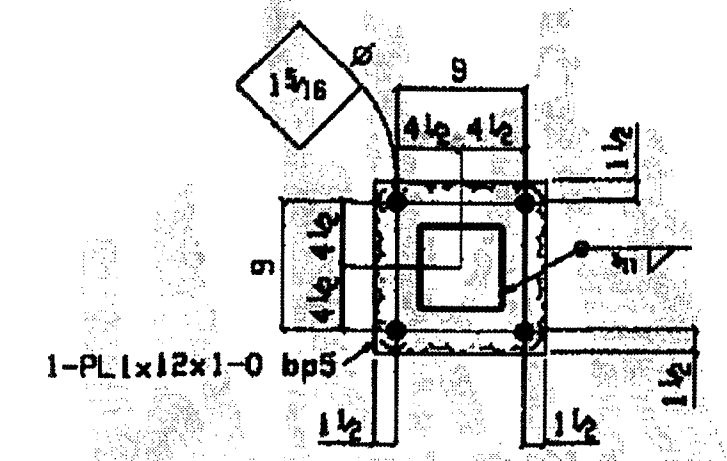
Stone City



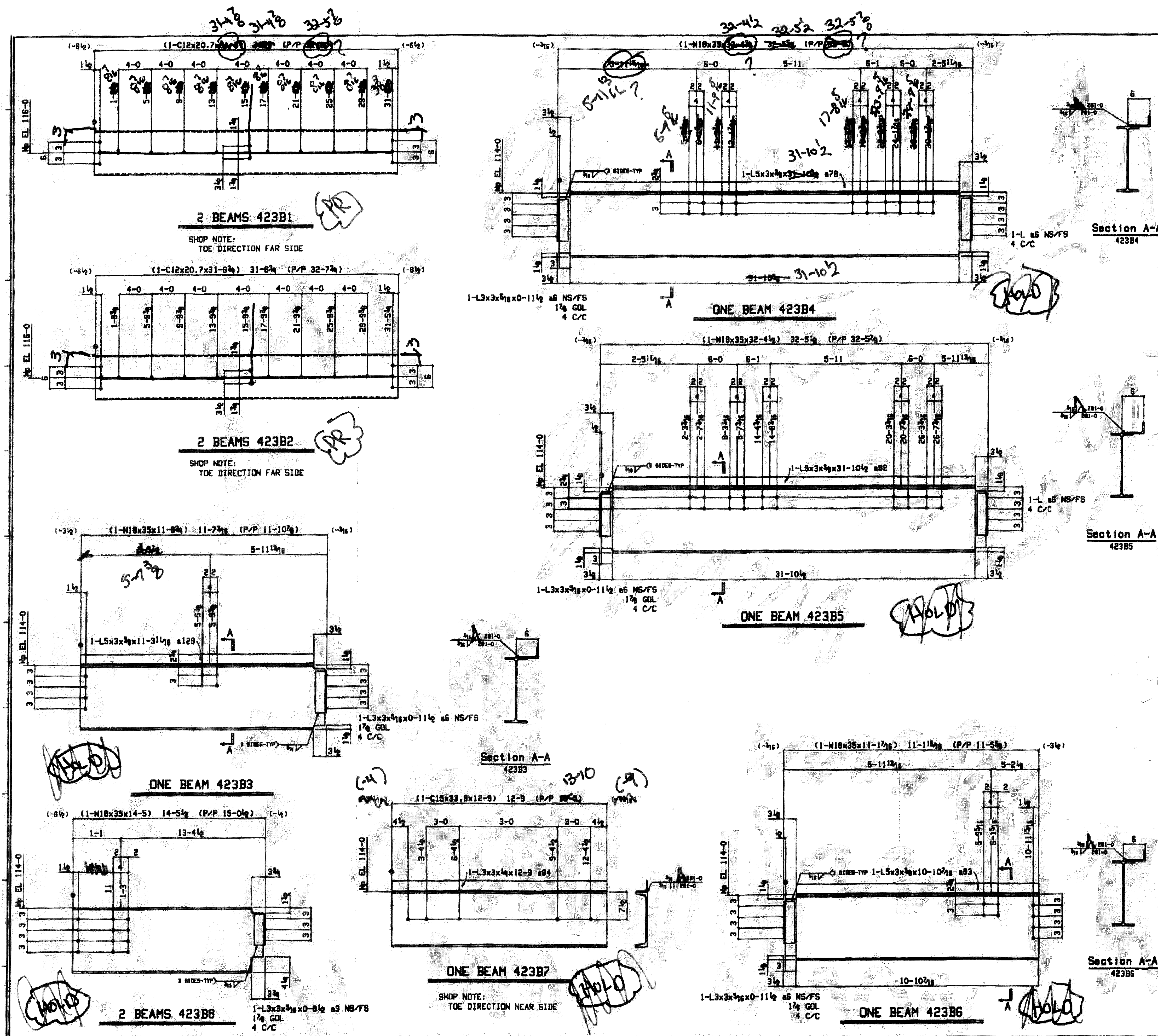
DESCRIPTION	- COLUMN DETAILS
PROJECT	- LAWRENCE CENTRAL HIGH SCHOOL INDIANAPOLIS, IN
CUSTOMER	- MSO OF LAWRENCE TOWNSHIP
ARCHITECT	- GIBBART DESIGN
ENGINEER	- GIBBART DESIGN

ISSUED BY	REV. DATE	DESCRIPTION OF REVISION	COR. BY:
REV	△		
CHG	△		
ADD	△		
DEL	△		

JOB NUMBER: 07-4-0175	
FOR FABRICATION/ FIELD	-
FOR APPROVAL ONLY (DO NOT FAB)	X
SHEET	REV
420	0



JOB NUMBER: 07-4-0176	
FOR FABRICATION/ FIELD	-
FOR APPROVAL ONLY (DO NOT FAB)	X
SHEET	REV
421	0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
Total					
2	BEAM	32-4 1/2	423B1		650
2	C12x20.7	32-4 1/2	c41	A36	650
FIELD BOLTS					
12	1/4 Dia A325N	1 1/2		1HD MASH	
1	1/2 Dia A36	7 1/2			
2	BEAM	31-5 1/2	423B2		653
2	C12x20.7	31-5 1/2	c44	A36	653
FIELD BOLTS					
12	1/4 Dia A325N	1 1/2		1HD MASH	
1	1/2 Dia A36	7 1/2			
ONE BEAM			423B3		527
1	M18x35	11-6 1/2	w49	A992	405
1	L5x3x1/4	11-3 1/2	w129	A36	111
2	L3x3x1/4	11 1/2	a6	A36	6
FIELD BOLTS					
4	1/4 Dia A325N	1 1/2		1HD MASH	
ONE BEAM			423B4		1470
1	M18x35	32-4 1/2	w28	A992	1134
1	L5x3x1/4	31-10 1/2	w78	A36	312
4	L3x3x1/4	11 1/2	a6	A36	6
FIELD BOLTS					
8	1/4 Dia A325N	2 1/2		1HD MASH	
ONE BEAM			423B5		1469
1	M18x35	32-4 1/2	w28	A992	1133
1	L5x3x1/4	31-10 1/2	w82	A36	312
4	L3x3x1/4	11 1/2	a6	A36	6
FIELD BOLTS					
8	1/4 Dia A325N	2 1/2		1HD MASH	
ONE BEAM			423B6		507
1	M18x35	11-1 1/2	w41	A992	388
1	L5x3x1/4	10-10 1/2	w83	A36	107
2	L3x3x1/4	11 1/2	a6	A36	6
FIELD BOLTS					
8	1/4 Dia A325N	2 1/2		1HD MASH	
ONE BEAM			423B7		495
1	C15x33.3	12-9	c2	A36	432
1	L3x3x1/4	12-9	w84	A36	82
3	2x4x1/4	7 1/2		W/SCREWS	
2	BEAM	14-5	w69	A992	513
2	M18x35	14-5	w69	A992	505
4	L3x3x1/4	8 1/2	a3	A36	4
FIELD BOLTS					
6	1/4 Dia A325N	2		1HD MASH	
6	1/4 Dia A325N	1 1/2		1HD MASH	

FOR FAB 7-14-08
FOR FAB 8-14-08

REV.	DATE	DESCRIPTION OF REVISIONS
1		
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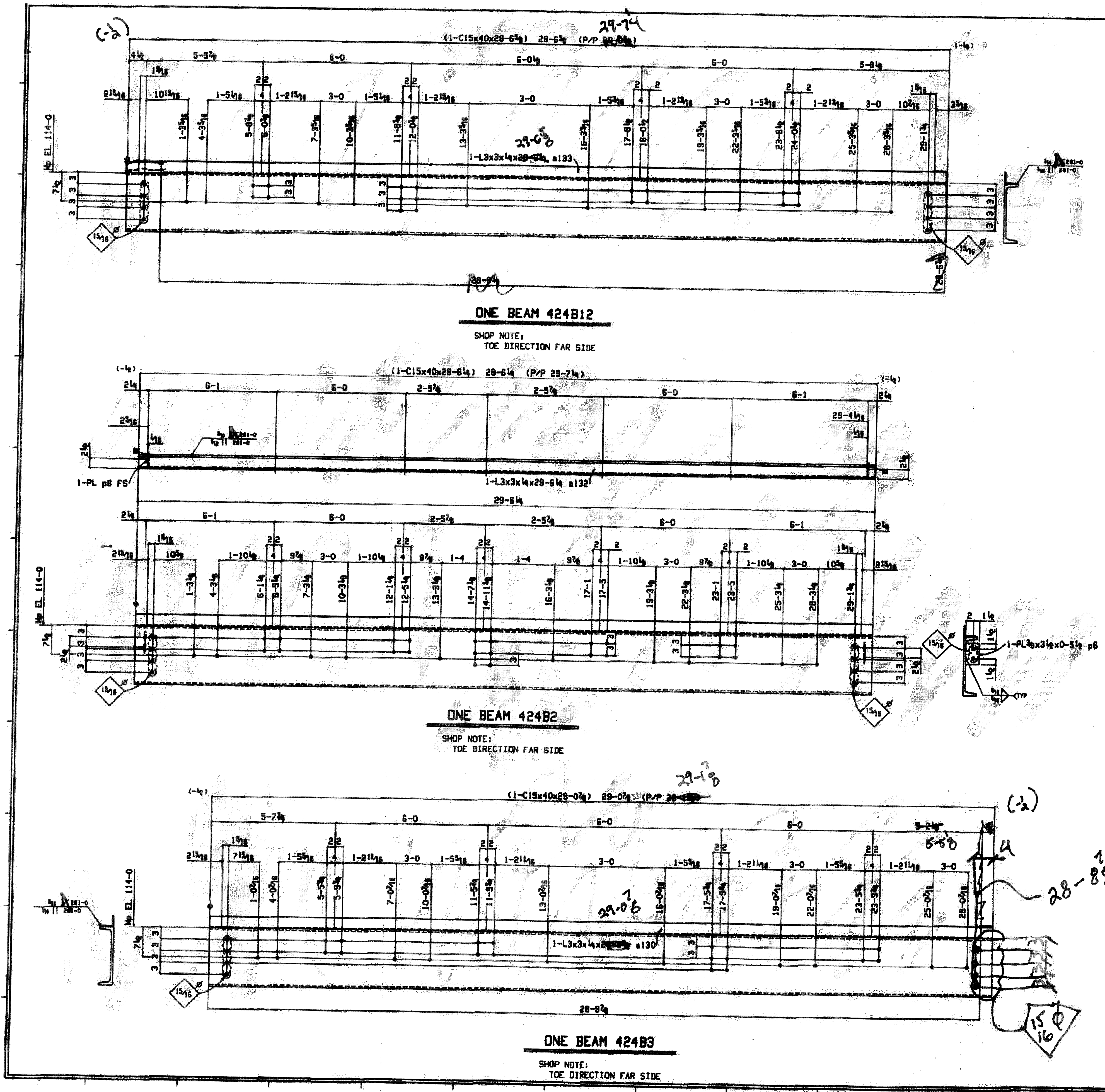
1771 US Highway 50 East
REDFORD, TN 37421
PH: (615) 227-3023
FX: (615) 227-2005

Stone City
Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
CUSTOMER - TOWN OF LAWRENCE TOWNSHIP
ARCHITECT - GUNTER DESIGN
ENGINEER - GUNTER DESIGN

JOB NUMBER: 07-075
FOR FABRICATION
FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

SHEET 423 REV 0



BILL OF MATERIAL				
QTY.	Description	Length	Mark	Unit
ONE BEAM			424B12	1323
1	C15x40	28-6 1/4	c10	A36
1	L3x3x 1/4	28-6 1/4	a133	A36
10	5/8" Dia A325H	72	1HD WASH	
10	5/8" Dia A325H	72	1HD WASH	
ONE BEAM			424B2	1330
1	C15x40	28-6 1/4	c12	A36
1	L3x3x 1/4	28-6 1/4	a132	A36
2	PL 3/4x3 1/2	5 1/2	p6	A36
10	5/8" Dia A325H	72	1HD WASH	
10	5/8" Dia A325H	72	1HD WASH	
ONE BEAM			424B3	1304
1	C15x40	28-0 1/4	c57	A36
1	L3x3x 1/4	28-0 1/4	a130	A36
10	5/8" Dia A325H	72	1HD WASH	
10	5/8" Dia A325H	72	1HD WASH	

1771 US Highway 50 East
 BEDFORD, TN 37021
 PH: (615) 229-3029
 FX: (615) 229-3005

Stone City
 Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
 PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
 INDIANAPOLIS, IN

CUSTOMER - SCD OF LAWRENCE TOWNSHIP
 ARCHITECT - CEBRA TAYLOR DESIGN
 ENGINEER - CEBRA TAYLOR DESIGN

REV. DATE: DESCRIPTION OF REVISION:

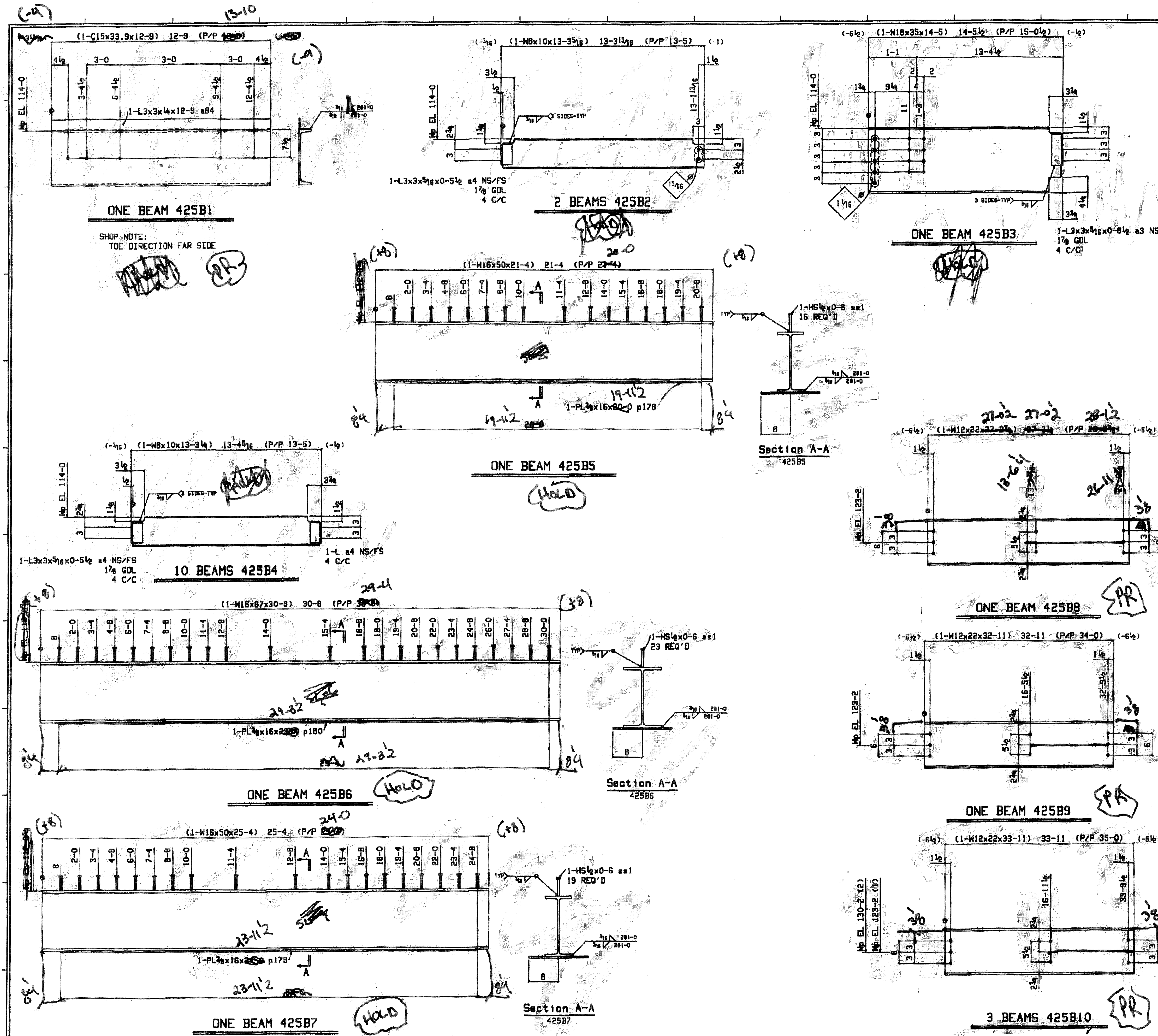
FOR FAB 8-14-08

STEEL GRADES:
 H SHAPES - A36
 C SHAPES - A36
 S SHAPES - A36
 ANGLES - A36
 PLATES - A36
 BOLTS - A300 Gr B
 PIPE - A36 Gr B

SHOP NOTES:
 SHOP COATING - ONE COAT RED PRIMER
 SURFACE PREP - SEE SPEC
 BOLTS - 1/2" DIA A325 w/ N & N
 NUTS - 1/2" DIA U.N
 WELDS - E70XX

JOB NUMBER: 07-10-075
 FOR FABRICATOR: X
 FOR APPROVAL ONLY: X
 (DO NOT FAB.)

SHEET 424 REV 0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
ONE	BEAM		425B1		495
1	C15x33.9	12-9	a3	A36	432
1	L3x3x1/4	12-9	a84	A36	82
5	1/4 Dia Spw Bol	7-2		W/SCREWS	
2	BEAM		425B2		138
2	M8x10	13-3 1/2	w57	A992	133
4	L3x3x3/8	5 1/2	a4	A36	3
FIELD BOLTS					
4	1/4 Dia A325N	1 1/4		1HD WASH	
8	1/4 Dia A325N	1 1/4		1HD WASH	
ONE	BEAM		425B3		513
1	M18x35	14-5	w8	A992	505
2	L3x3x3/8	8 1/2	a3	A36	4
FIELD BOLTS					
5	1/4 Dia A325N	2		1HD WASH	
6	1/4 Dia A325N	2		1HD WASH	
10	BEAM		425B4		144
10	M8x10	13-3 1/4	w25	A992	133
40	L3x3x3/8	5 1/2	a4	A36	3
FIELD BOLTS					
12	1/4 Dia A325N	2		1HD WASH	
40	1/4 Dia A325N	1 1/4		1HD WASH	
ONE	BEAM		425B5		1481
1	M16x50	21-4	w129	A992	1067
1	PL 3/8x16		p178	A36	408
16	HS 1/2	6	ss1		0
ONE	BEAM		425B6		2662
1	M16x67	30-8	w130	A992	2055
1	PL 3/8x16		p180	A36	599
23	HS 1/2	6	ss1		0
ONE	BEAM		425B7		1764
1	M16x50	25-4	w125	A992	1267
1	PL 3/8x16		p179	A36	490
19	HS 1/2	6	ss1		0
ONE	BEAM		425B8		588
1	M12x22		w87	A992	588
FIELD BOLTS					
6	1/4 Dia A325N	1 1/4		1HD WASH	
ONE	BEAM		425B9		724
1	M12x22	32-11	w13	A992	724
FIELD BOLTS					
6	1/4 Dia A325N	1 1/4		1HD WASH	
3	BEAM		425B10		746
3	M12x22	33-11	w52	A992	746
FIELD BOLTS					
18	1/4 Dia A325N	1 1/4		1HD WASH	

NOTES:
FOR FAB 7-8-08
FOR FAB 8-14-08

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES - A36
ANGLES - A36
PLATES - A36
HS/TS - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 1/4 DIA A325 W/ N & N
HOLES - 1/8 DIA U.N
WELDS - E70XX

FOR FABRICATION/ FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

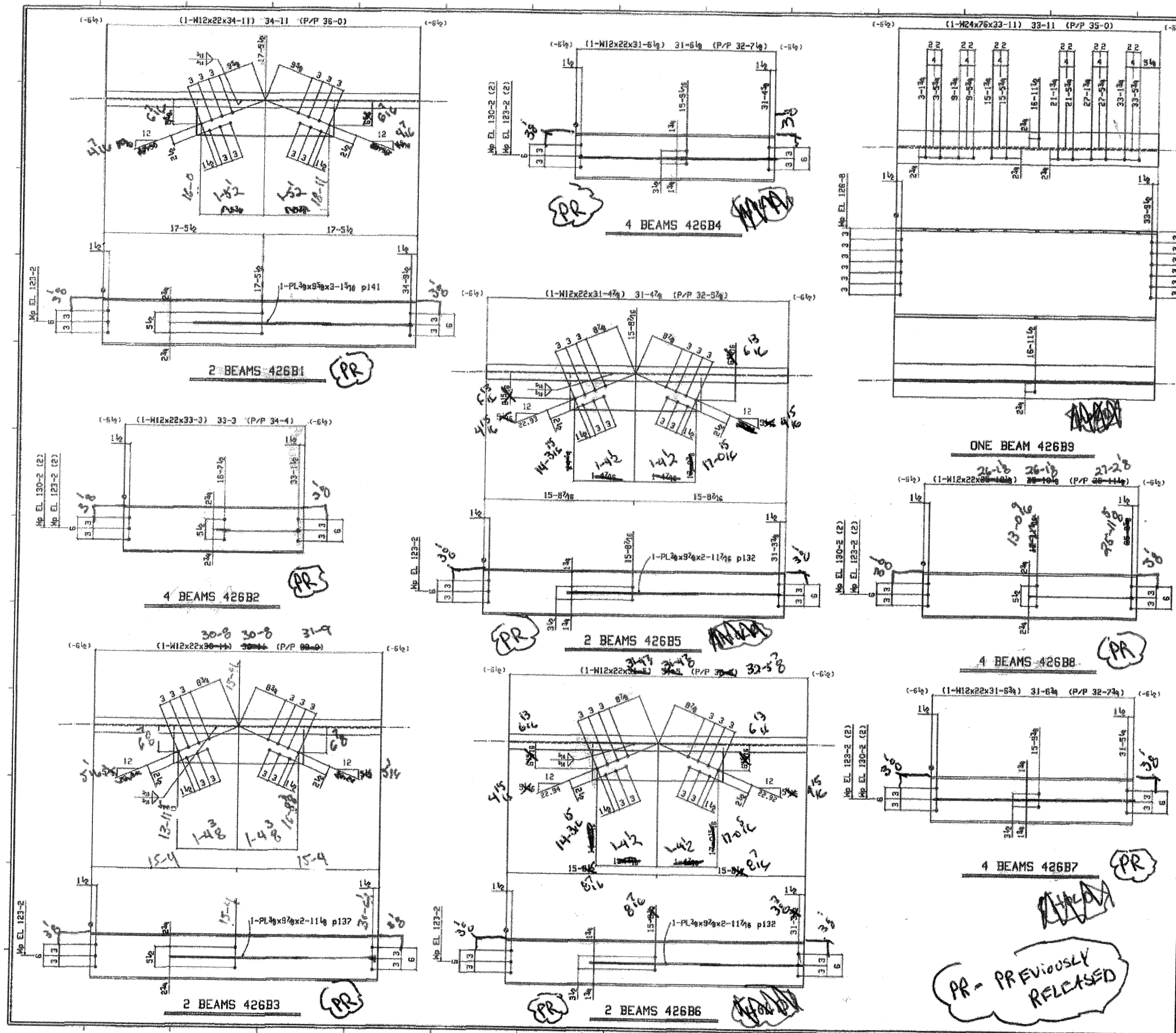
SHEET 425 **REV** 0

1771 US Highway 50 East
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Stone City Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
CITY - LAWRENCE, IN
CUSTOMER - BOARD OF LAWRENCE TOWNSHIP
ARCHITECT - GUNLAWSON DESIGN
ENGINEER - GUNLAWSON DESIGN

DATE:
REV:
JOB NUMBER: 014-0775



BILL OF MATERIAL				
QTY.	Description	Length	Mark	WGT.
2	BEAM		426B1	805
2	W12x22	34-11	w55	768
2	PL 3/8x9 1/2	3-15 1/2	p141	38
FIELD BOLTS				
12	3/4 Dia A325N	13 1/2		
4	BEAM		426B2	732
4	W12x22	33-3	w58	732
FIELD BOLTS				
24	3/4 Dia A325N	13 1/2		
2	BEAM		426B3	717
2	W12x22	30-8	w55	680
2	PL 3/8x9 1/2	2-11 1/2	p137	37
FIELD BOLTS				
12	3/4 Dia A325N	13 1/2		
4	BEAM		426B4	593
4	W12x22	31-6 1/2	w111	593
FIELD BOLTS				
24	3/4 Dia A325N	13 1/2		
2	BEAM		426B5	728
2	W12x22	31-4 1/2	w5	691
2	PL 3/8x9 1/2	2-11 1/2	p132	37
FIELD BOLTS				
12	3/4 Dia A325N	13 1/2		
4	BEAM		426B6	694
4	W12x22	31-6 3/4	w53	694
FIELD BOLTS				
24	3/4 Dia A325N	13 1/2		
4	BEAM		426B7	569
4	W12x22	30-10 1/2	w105	569
FIELD BOLTS				
24	3/4 Dia A325N	13 1/2		
ONE BEAM			426B8	2578
1	W24x76	33-11	w93	2578
FIELD BOLTS				
12	3/4 Dia A325N	2		

NOTES:

FOR FAB 7-8-08
FOR FAB 7-14-08
FOR FAB 7-24-08

STEEL GRADES:
H SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HEAVY - A500 Gr B
PIPE - A53 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PREP - SEE SPEC
BOLTS - 3/4 DIA A325 w H & N
HOLES - 1/4 DIA U.N
NUTS - E70XX

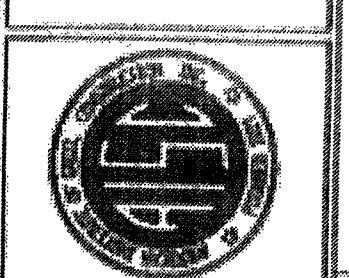
JOB NUMBER: 07-4-01725

FOR FABRICATION/ FIELD
FOR APPROVAL ONLY
DO NOT FAB

SHEET 426
REV 0

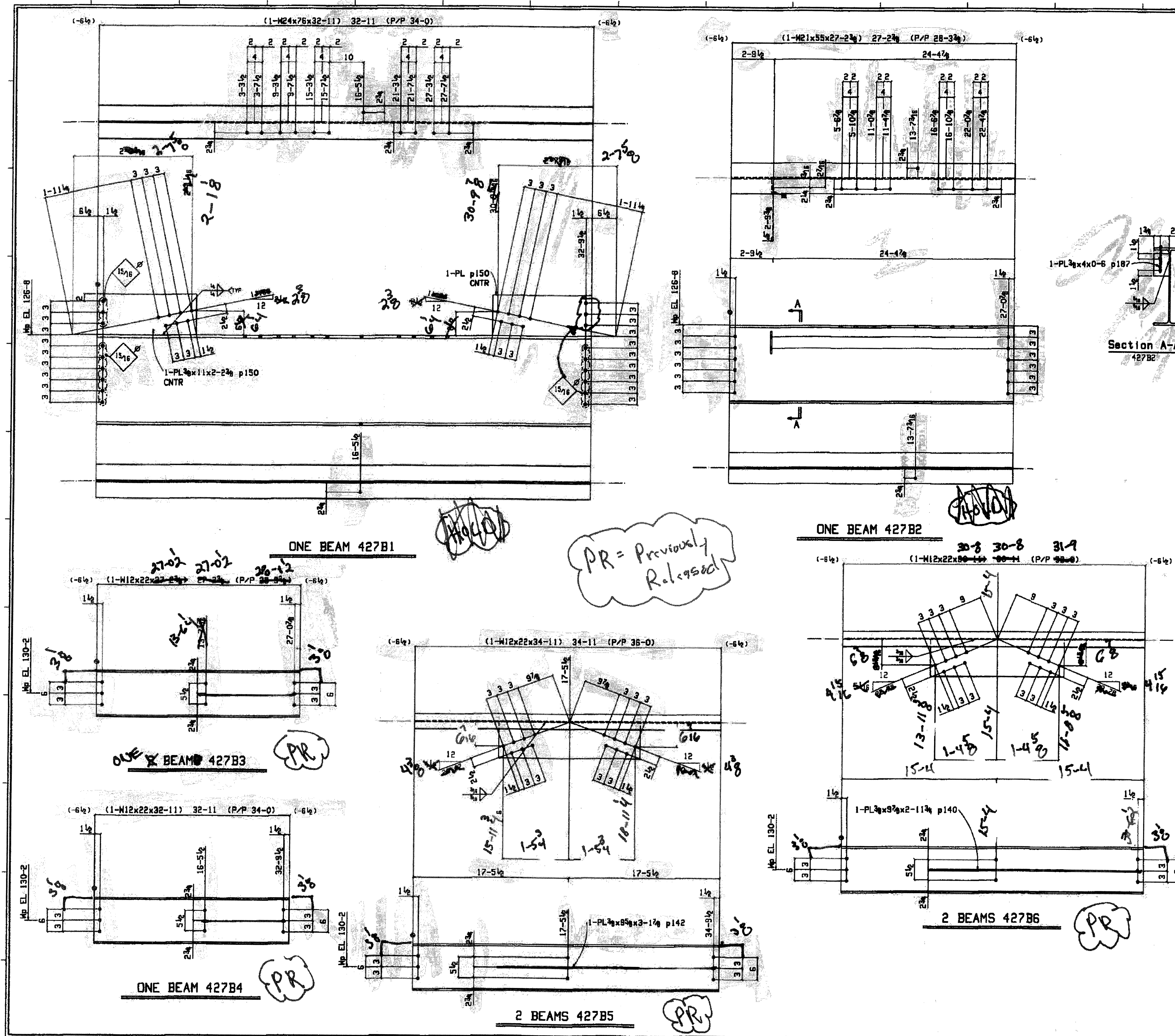
Stone City
1771 US Highway 50 East
BEDFORD, TN 37021
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Ironworks, Inc.



DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
TOWNHOLDS, TN
CUSTOMER - BOO OF LAWRENCE TOWNSHIP
ARCHITECT - GERALD LAY DESIGN
ENGINEER - GERALD LAY DESIGN

DATE	REVISION	DESCRIPTION



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WT.
Total					Unit
ONE BEAM			427B1		2563
1	M24x76	32-11	w82	A992	2502
2	PL 3/4x11	2-2 1/2	p150	A36	31
FIELD BOLTS					
18	3/4 Dia A325N			1HD WASH	
ONE BEAM			427B2		1498
1	M21x55	27-2 1/2	w42	A992	1495
1	PL 3/4x4	6	p187	A36	3
FIELD BOLTS					
12	3/4 Dia A325N			1HD WASH	
ONE BEAM			427B3		588
1	M12x22	32-11	w97	A992	588
FIELD BOLTS					
6	3/4 Dia A325N	1 1/2		1HD WASH	
ONE BEAM			427B4		724
1	M12x22	32-11	w13	A992	724
FIELD BOLTS					
6	3/4 Dia A325N	1 1/2		1HD WASH	
2 BEAM			427B5		807
2	M12x22	34-11	w35	A992	768
2	PL 3/4x9 1/2	3-1 1/2	p142	A36	39
FIELD BOLTS					
12	3/4 Dia A325N	1 1/2		1HD WASH	
2 BEAM			427B6		718
2	M12x22	34-11	w16	A992	680
2	PL 3/4x9 1/2	2-1 1/2	p140	A36	38
FIELD BOLTS					
12	3/4 Dia A325N	1 1/2		1HD WASH	

REV.	DATE	DESCRIPTION OF REVISION
1		
2		
3		
4		
5		

NOTES:	
FOR FAB 7-8-08	
FOR FAB 7-21-08	

STEEL GRADES:	
W SHAPES - A992	
C SHAPES - A36	
S SHAPES - A36	
ANGLES - A36	
PLATES - A36	
NUTS - A500 Gr B	
PIPE - A53 Gr B	

SHOP NOTES:	
SHOP COATING - ONE COAT RED PRIMER	
SURFACE PERF - SEE SPEC	
BOLTS - 3/4 DIA A325 w N & N	
HOLES - 1/2 DIA U.N	
WELDS - E70XX	

FOR PARTICIPATION:	
FIELD	
FOR APPROVAL ONLY	
(DO NOT FAB)	

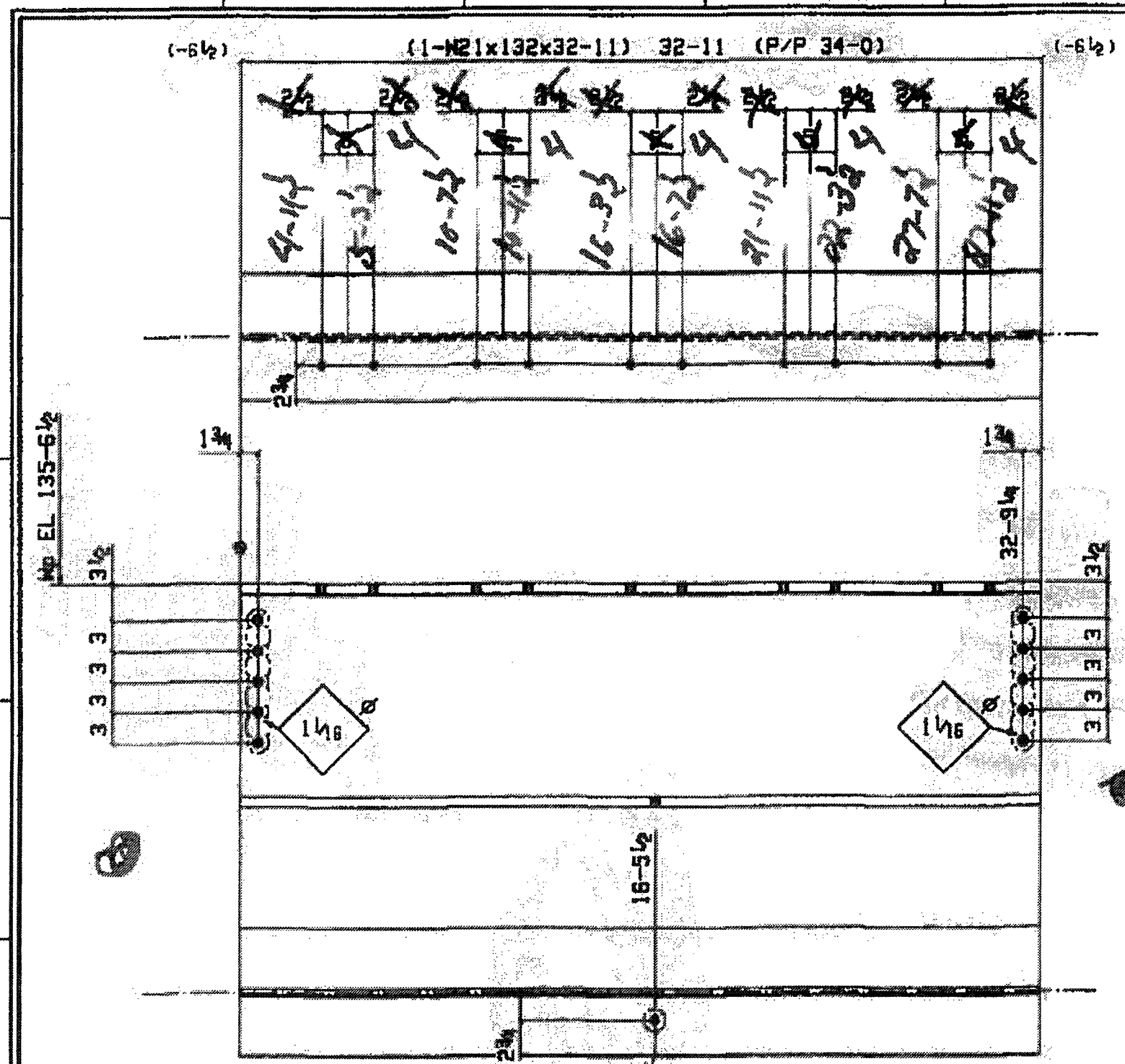
SHEET	REV
427	0

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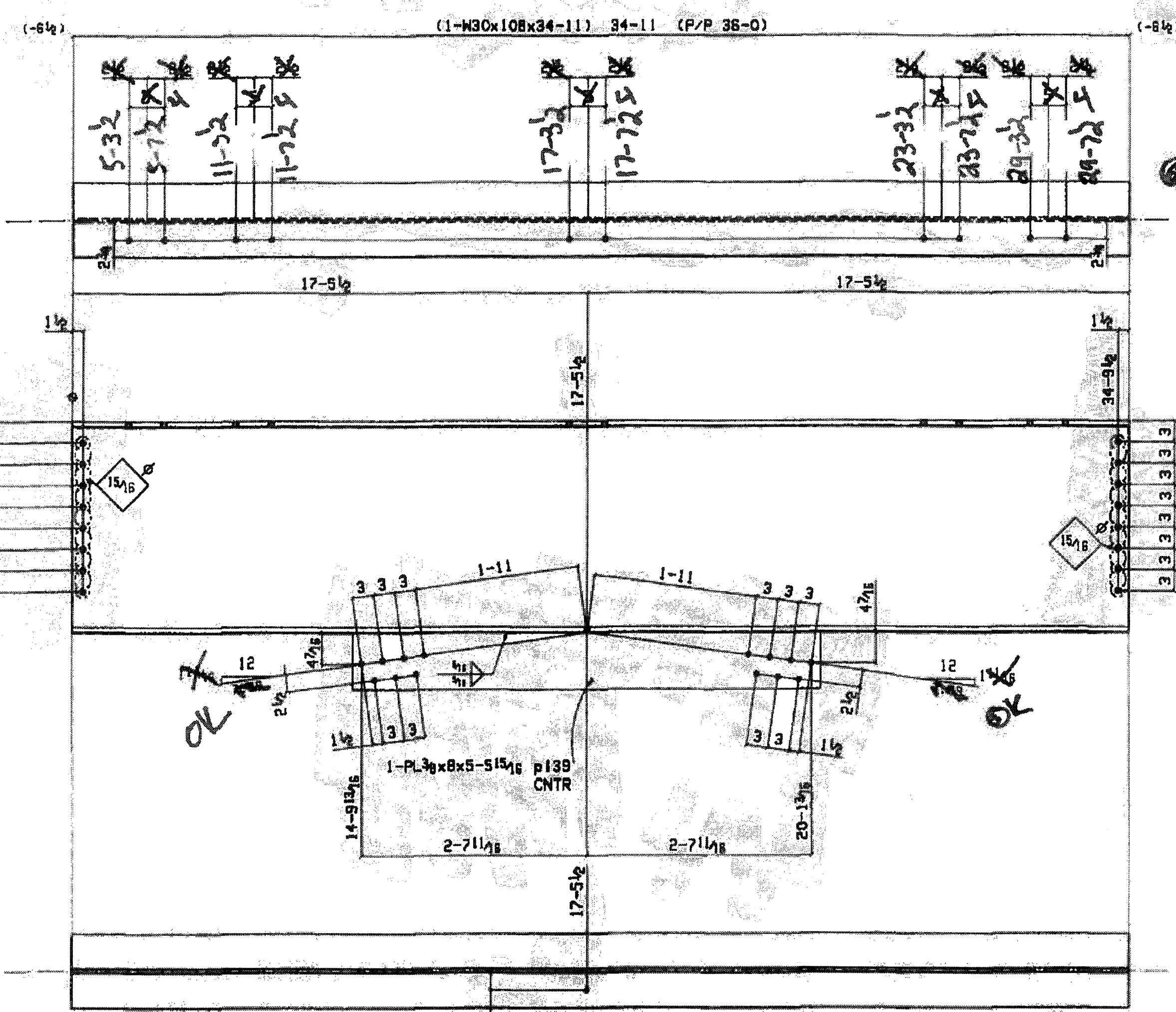
Stone City
Ironworks, Inc.



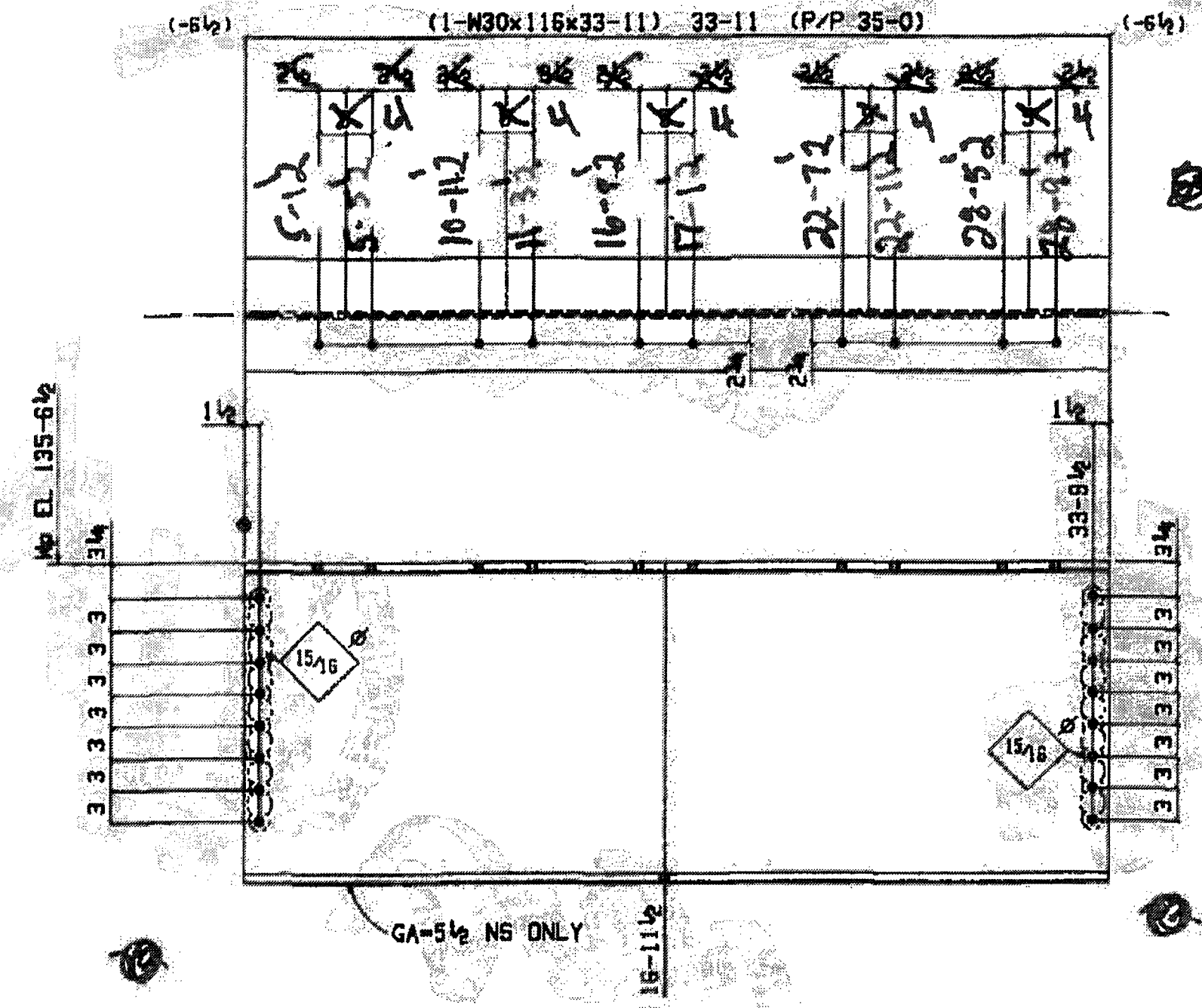
DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
CITY - BEDFORD, TN
CUSTOMER - BOARD OF LAWRENCE TOWNSHIP
ARCHITECT - CIBOLA TAP DESIGN
ENGINEER - CIBOLA TAP DESIGN



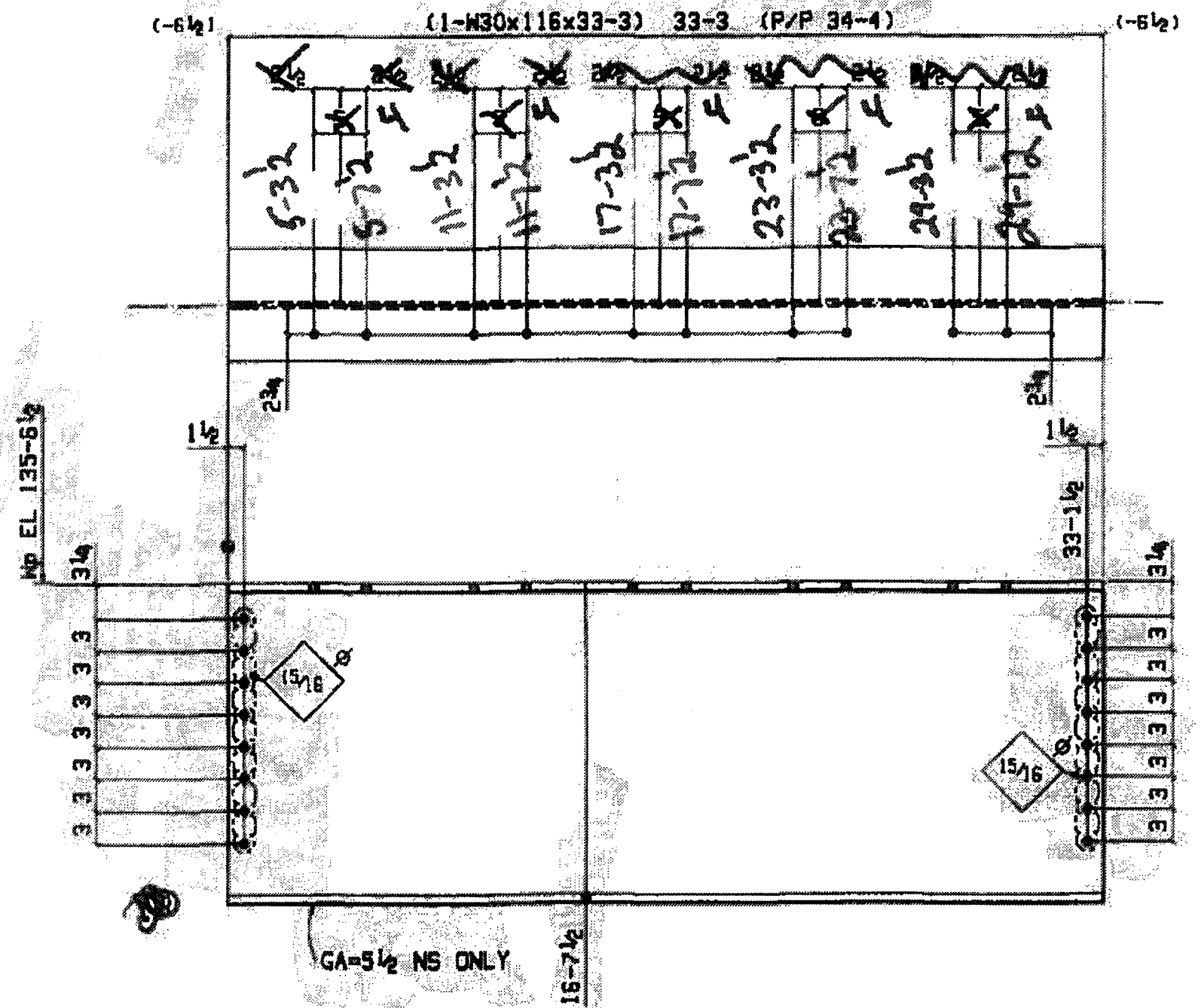
ONE BEAM 429B1



ONE BEAM 429B3



ONE BEAM 429B2



ONE BEAM 429B4

BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	WGT.
Total					
ONE BEAM	429B1				4345
1	W21x132	32-11	w51	A992	4345
	FIELD BOLTS				
10	1 Dia A325N	2 1/2		1HD WASH	
ONE BEAM	429B2				3934
1	W30x116	33-11	w114	A992	3934
	FIELD BOLTS				
16	1/2 Dia A325N	2 1/4		1HD WASH	
ONE BEAM	429B3				3827
1	W30x108	34-11	w115	A992	3771
1	PL 3/8x8	5-5 1/2	p139	A36	56
	FIELD BOLTS				
16	1/2 Dia A325N	2 1/4		1HD WASH	
ONE BEAM	429B4				3857
1	W30x116	33-3	w116	A992	3857
	FIELD BOLTS				
16	1/2 Dia A325N	2 1/4		1HD WASH	

NOTES:
FOR FAB 7-8-08

STEEL GRADES: M SHAPES - A992 C SHAPES - A36 S SHAPES - ANGLES - A36 PLATES - A36 HSS/Ts - A500 Gr B PIPE - A53 Gr B	SHOP NOTES: SHOP COATING - ONE COAT RED PRIMER SURFACE PERP - SEE SPEC BOLTS - 1/2 DIA A325 w/ N & N HOLES - 1/4 DIA U.N WELDS - E70XX
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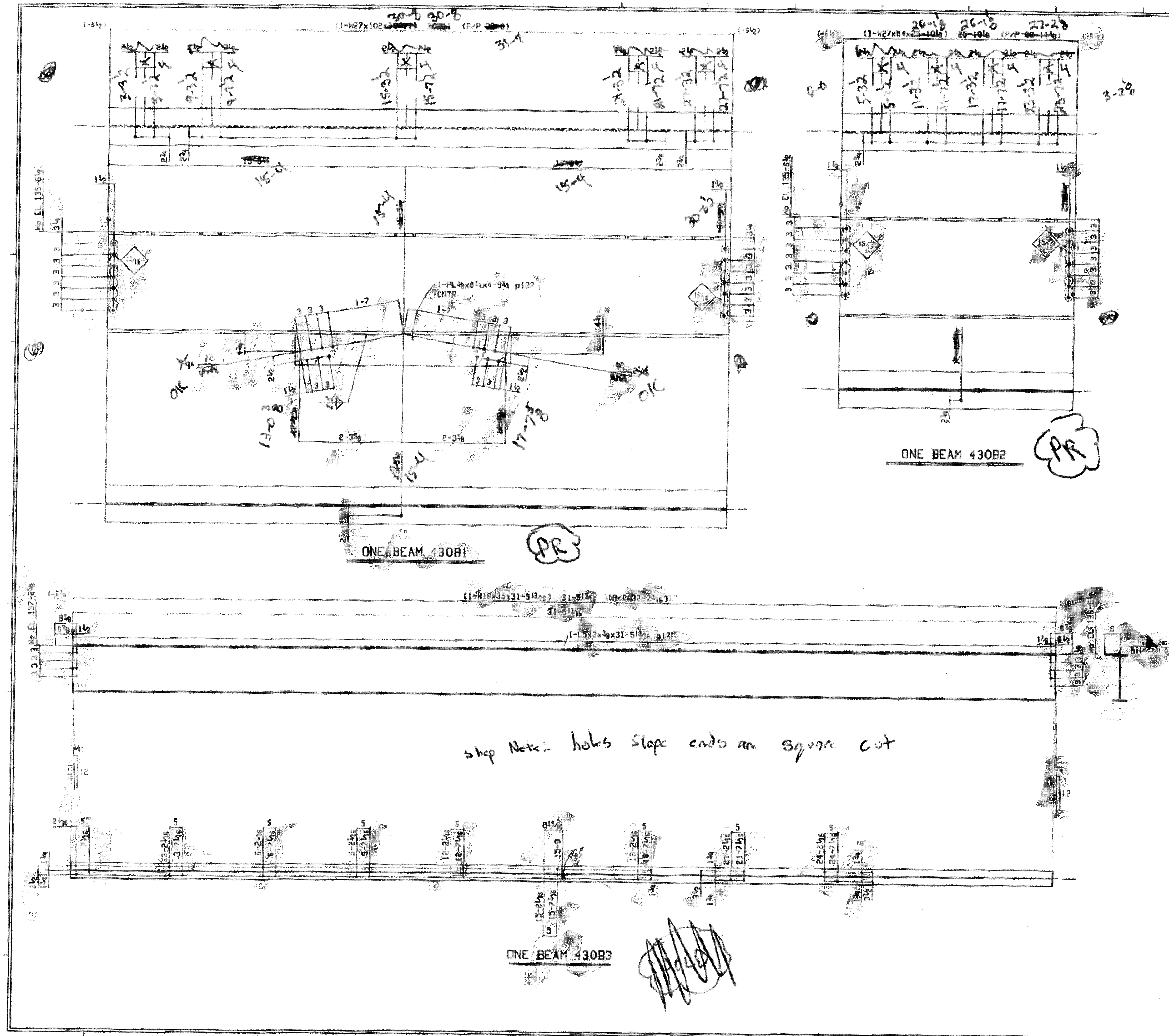
Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INCHING/PLS IN
CUSTOMER - FIELD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBALS DESIGN
ENGINEER - GIBBALS DESIGN

REV. DATE: -
DESCRIPTION OF REVISION: -
JOB NUMBER: 07-1-0175

FOR FABRICATION/ FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

SHEET 429 REV 0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	Unit
1	ONE BEAM	30-8	430B1		3204
1	H27x102	30-8	W17	A502	3155
1	PL 3/8x8 1/2	4-8 1/2	W17	A36	51
1	FIELD BOLTS				
1	1/4 Dia A325N	2 1/2		1-E HAS-1	
1	ONE BEAM	26-18	430B2		2172
1	H27x84	26-18	W18	A502	2172
1	FIELD BOLTS				
1	1/4 Dia A325N	2		1-E HAS-1	
1	ONE BEAM	31-512	430B3		1811
1	H18x35	31-512	W30	A502	1182
1	PL 3/8x8 1/2	31-512	W30	A36	109
1	FIELD BOLTS				
1	1/4 Dia A325N	1 1/4		1-E HAS-1	

REV.	DATE	DESCRIPTION OF REVISION
1		
2		
3		
4		

DESCRIPTION - BEAM DETAILS	
PROJECT	LAWRENCE CENTRAL HIGH SCHOOL
CUSTOMER	MSD OF LAWRENCE TOWNSHIP
ARCHITECT	GERALD TAYLOR DESIGN
ENGINEER	GERALD TAYLOR DESIGN

NOTES:	
FOR FAB 7-8-08	
FOR FAB 7-29-08	

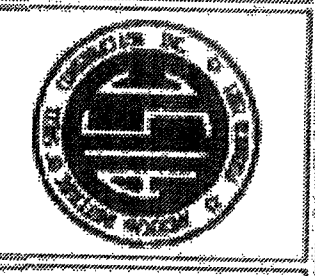
STEEL GRADES:	
W SHAPES	A502
C SHAPES	A36
S SHAPES	
ANGLES	A36
PLATES	A36
NUTS/BOLTS	A500 Gr B
PIPE	A53 Gr B

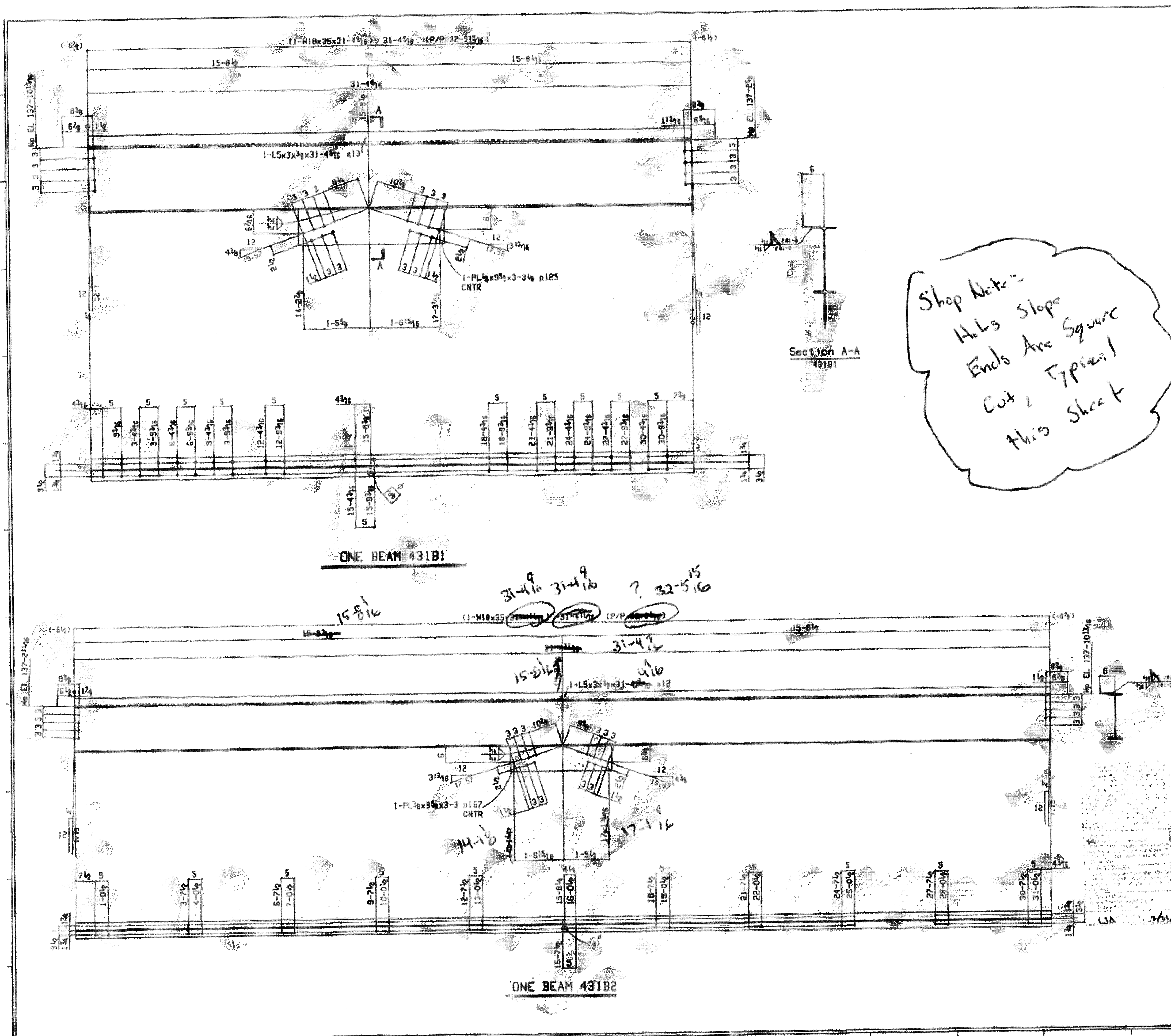
SHOP NOTES:	
SHOP COATINGS	ONE COAT RED PRIMER
SURFACE PREP	SEE SPEC
BOLTS	1/4 DIA A325 w/ N & N
HOLDS	1/4 DIA U.N.
WELDS	E70XX

JOB NUMBER: 01-00173	
FOR FABRICATION/	
FIELD	
FOR APPROVAL ONLY	X
COO NOT FAB	
SHEET	430
REV	0

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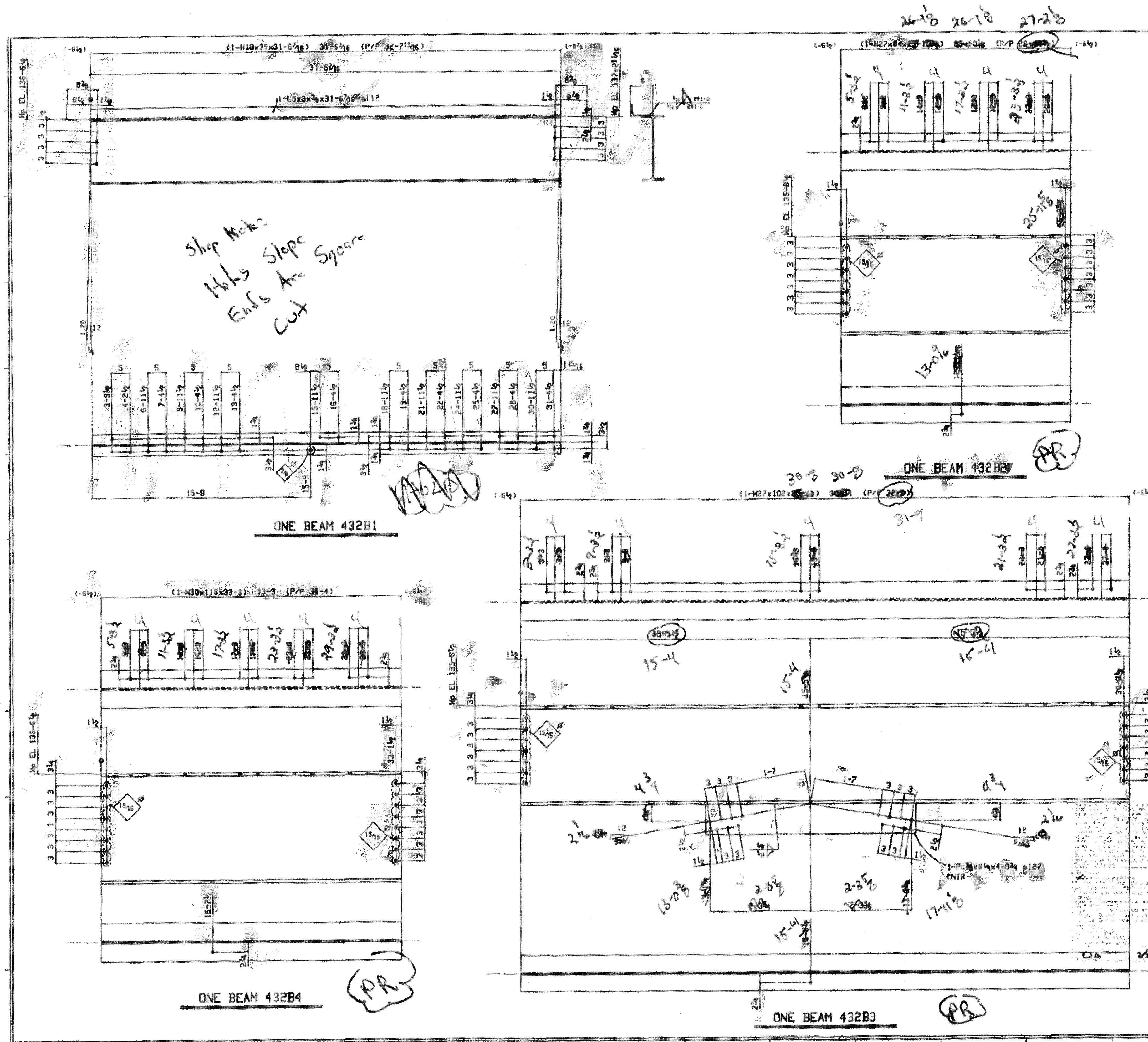
BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	WGT.
Total					
ONE BEAM	431B1				1446
1 M18x35	31-4 1/2	107	A392		1099
1 L5x3x 1/4	31-4 1/2	x13	SPE A36		300
1 PL 3/4x3 1/2	3-3 1/2	p125	A36		40
FIELD BOLTS					
50 1/4 Dia A325N	1 1/4		1HD WASH		
ONE BEAM	431B2				1446
1 M18x35	31-4 1/2	107	A392		1099
1 L5x3x 1/4	31-4 1/2	x12	A36		300
1 PL 3/4x3 1/2	3-3 1/2	p127	A36		40
FIELD BOLTS					
50 1/4 Dia A325N	1 1/4		1HD WASH		

DESCRIPTION - BEAM DETAILS	PROJECT - LAWRENCE CENTRAL HIGH SCHOOL	CUSTOMER - NSD OF LAWRENCE TOWNSHIP
PROJECT - TWINNAPOLIS, IN	ARCHITECT - CIRCULAR DESIGN	ENGINEER - GERALD LARSEN

REV.	DATE	DESCRIPTION OF REVISION
1	7-28-08	FOR FAB

STEEL GRADES:	SHOP NOTES:
H SHAPES - A392	SHOP COATING - ONE COAT RED PRIMER
C SHAPES - A36	SURFACE PREP - SEE SPEC
S SHAPES - A36	BOLTS - 1/4 DIA A325 w/ N & N
ANGLES - A36	HOLES - 1/4 DIA U.N.
PLATES - A36	WELDS - E70XX
NUTS - A300 Gr 5	
PIPE - A33 Gr B	

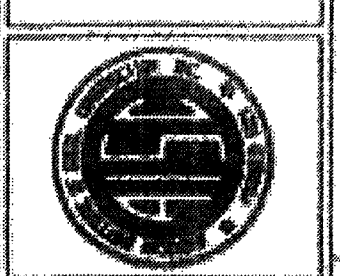
JOB NUMBER: 07-4-0177	FOR PARTICIPATION FIELD	FOR APPROVAL ONLY (DO NOT FAB)
SHEET	431	REV
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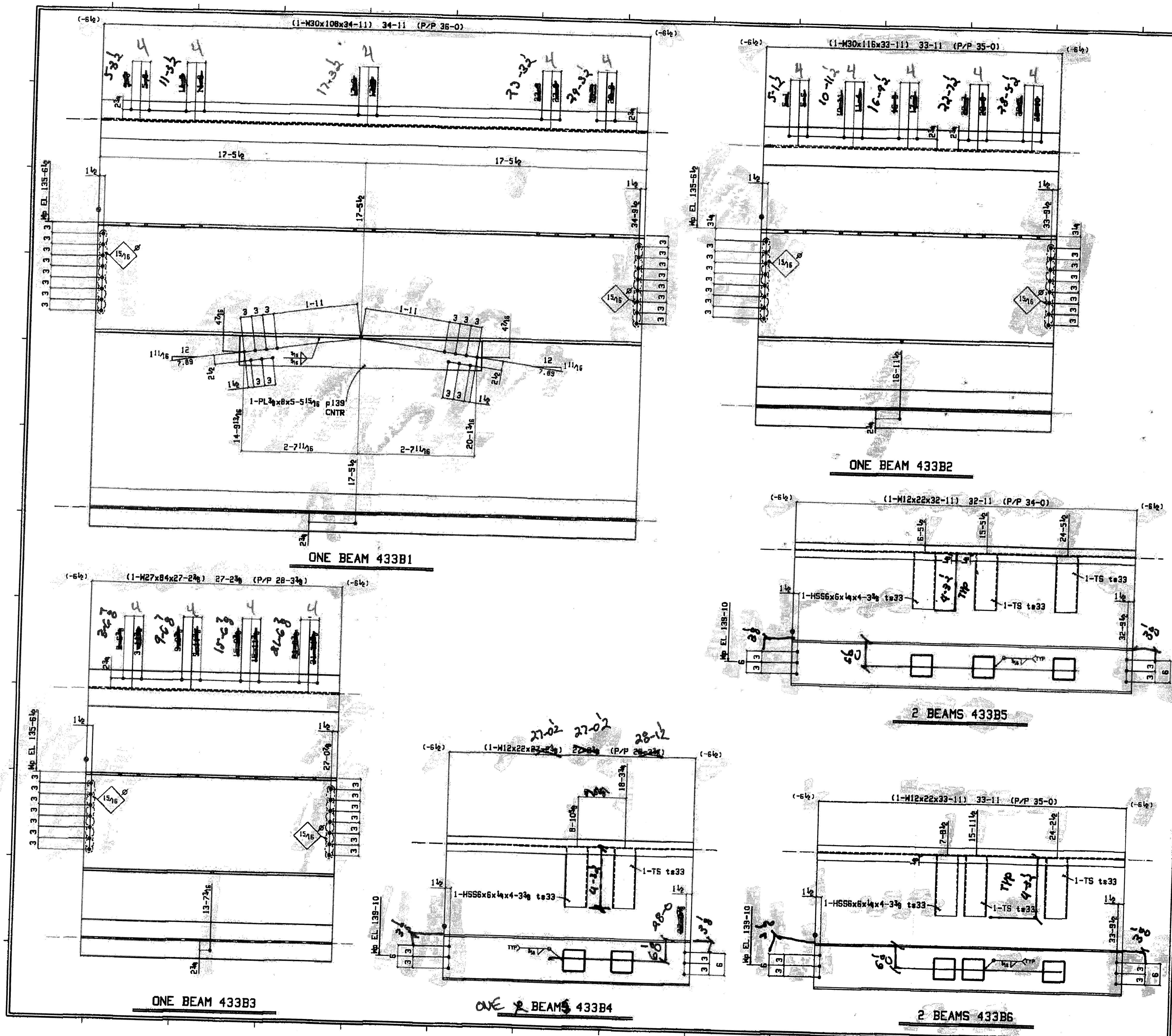


BILL OF MATERIAL				
QTY.	Description	Length	Mark	MT.
ONE BEAM	432B1			1413
1	H18x35	31'-6 1/2"	W8	A592
1	L5x3x1/4	31'-6 1/2"	A112	A36
FIELD BOLTS				
16	3/4 Dia A325N	1 1/2"		1HD WASH
ONE BEAM	432B2			2171
1	H27x84	26'-10"	W14	A592
FIELD BOLTS				
14	3/4 Dia A325N	2		1HD WASH
ONE BEAM	432B3			3204
1	H27x102	30'-8"	W104	A592
1	PL 1/2x8x4	1'-3 1/4"	P127	A36
FIELD BOLTS				
14	3/4 Dia A325N	2 1/4"		1HD WASH
ONE BEAM	432B4			3857
1	H30x116	33'-3"	W103	A592
FIELD BOLTS				
16	3/4 Dia A325N	2 1/4"		1HD WASH
NOTES:				
FOR FAB 7-21-08				
FOR FAB 7-28-08				
STEEL GRADES:				
W SHAPES - A592				
C SHAPES - A36				
S SHAPES - A36				
ANGLES - A36				
PLATES - A36				
HEAVY - A500 Gr B				
PIPE - A53 Gr B				
SHOP NOTES:				
SHOP COATING - ONE COAT RED PRIMER				
SURFACE PREP - SEE SPEC				
BOLTS - 3/4 DIA A325 w/ N & H				
HOLES - 1 1/4 DIA U.N				
WELDS - E70XX				
DESCRIPTION - BEAM DETAILS				
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL				
INCINNAPOLIS, IN				
CUSTOMER - HSD OF LAWRENCE TOWNSHIP				
ARCHITECT - CIBALPAC DESIGN				
ENGINEER - CIBALPAC DESIGN				
JOB NUMBER: 07-1-01775				
FOR FABRICATION/				
FIELD				
FOR APPROVAL ONLY				
(DO NOT FAB)				
SHEET	REV			
432	0			

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Ironworks, Inc.





BILL OF MATERIAL					
QTY.	DESCRIPTION	Length	Mark	Remarks	WGT.
Total					Unit
ONE BEAM			433B1		3827
1	M30x108	34-11	w102	A992	3771
1	PL 3/8x8	5-5 1/2	p139	A36	58
FIELD BOLTS					
16	1/2 Dia A325N	2 1/2		1HD WASH	
ONE BEAM			433B2		3934
1	M30x116	33-11	w100	A992	3934
FIELD BOLTS					
16	1/2 Dia A325N	2 1/2		1HD WASH	
ONE BEAM			433B3		2285
1	M27x84	27-2 1/2	w84	A992	2285
FIELD BOLTS					
14	1/2 Dia A325N	2		1HD WASH	
ONE BEAM			433B4		761
1	M12x22	22-02	w26	A992	598
2	HSS6x6x1/4	4-3 1/2	ts33	A500B	81
FIELD BOLTS					
6	1/2 Dia A325N	1 1/2		1HD WASH	
2 BEAM			433B5		968
2	M12x22	32-11	w26	A992	724
6	HSS6x6x1/4	4-3 1/2	ts33	A500B	81
FIELD BOLTS					
9	1/2 Dia A325N	1 1/2		1HD WASH	
2 BEAM			433B6		990
2	M12x22	33-11	w26	A992	746
6	HSS6x6x1/4	4-3 1/2	ts33	A500B	81
FIELD BOLTS					
12	1/2 Dia A325N	1 1/2		1HD WASH	

NOTES:
FOR FAB 7-21-08

STEEL GRADES:
N SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr. B
PIPE - A53 Gr. B

SHIP NOTES:
SHIP COATING - ONE COAT RED PRIMER
SURFACE PREP - SEE SPEC
BOLTS - 1/2 DIA A325 w/ N & N
HOLES - 1/2 DIA U.N
WELDING - E70XX

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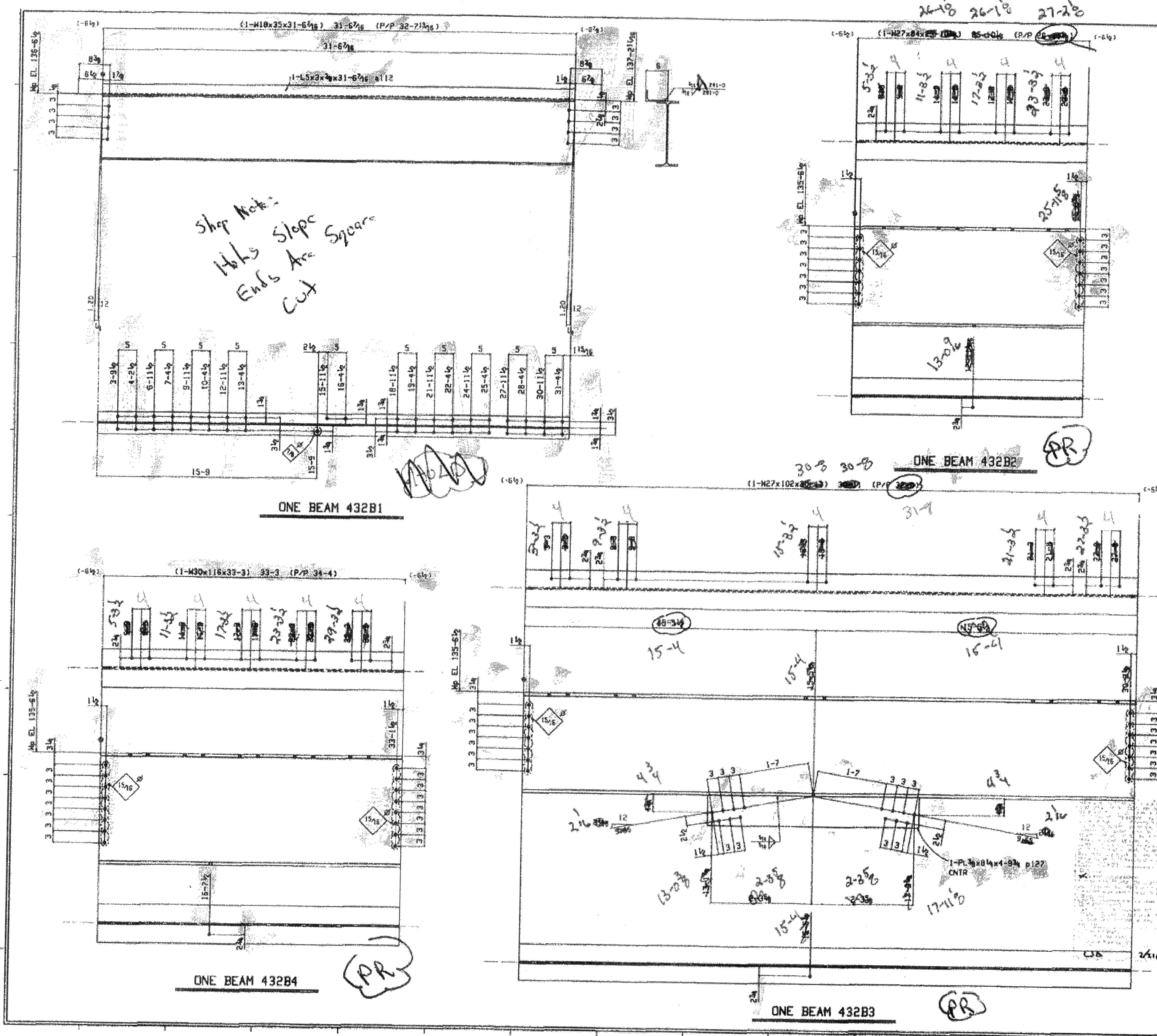
DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
TAMMUNTOLE, TN
CUSTOMER - TOWN OF LAWRENCE TOWNSHIP
ARCHITECT - CIRCULAR DESIGN
ENGINEER -

REV. DATE:

1	2	3	4

JOB NUMBER: 07-0072
FOR FABRICATION/ FIELD
FOR APPROVAL ONLY
DO NOT FAB!

SHEET 433
REV 0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	MT.
1	ONE BEAM		432B1		1412
1	1-H18x35	31'-6 1/2"	w66	A592	1104
1	1-L5x3x1/4	31'-6 1/2"	x112	A36	308
FIELD BOLTS					
15 1/4"	Dia A325N	1 1/2"		1HD WASH	
ONE BEAM					
1	1-H27x84	26'-10"	432B2		2171
1	1-PL 1/2"x8 1/4"	14'-3 1/4"	p127	A36	31
FIELD BOLTS					
14 1/4"	Dia A325N	2"		1HD WASH	
ONE BEAM					
1	1-H27x102	30'-8"	432B3		3204
1	1-PL 1/2"x8 1/4"	14'-3 1/4"	p127	A36	31
FIELD BOLTS					
14 1/4"	Dia A325N	2"		1HD WASH	
ONE BEAM					
1	1-H30x116	33'-3"	432B4		3857
1	1-PL 1/2"x8 1/4"	14'-3 1/4"	p127	A36	31
FIELD BOLTS					
16 1/4"	Dia A325N	2 1/4"		1HD WASH	

NOTES:
FOR FAB 7-21-08
FOR FAB 7-28-08

STEEL GRADES:
H SHAPES - A992
C SHAPES - A36
S SHAPES - A36
ANGLES - A36
PLATES - A36
HEAVY - A500 Gr B
PIPE - A53 Gr B

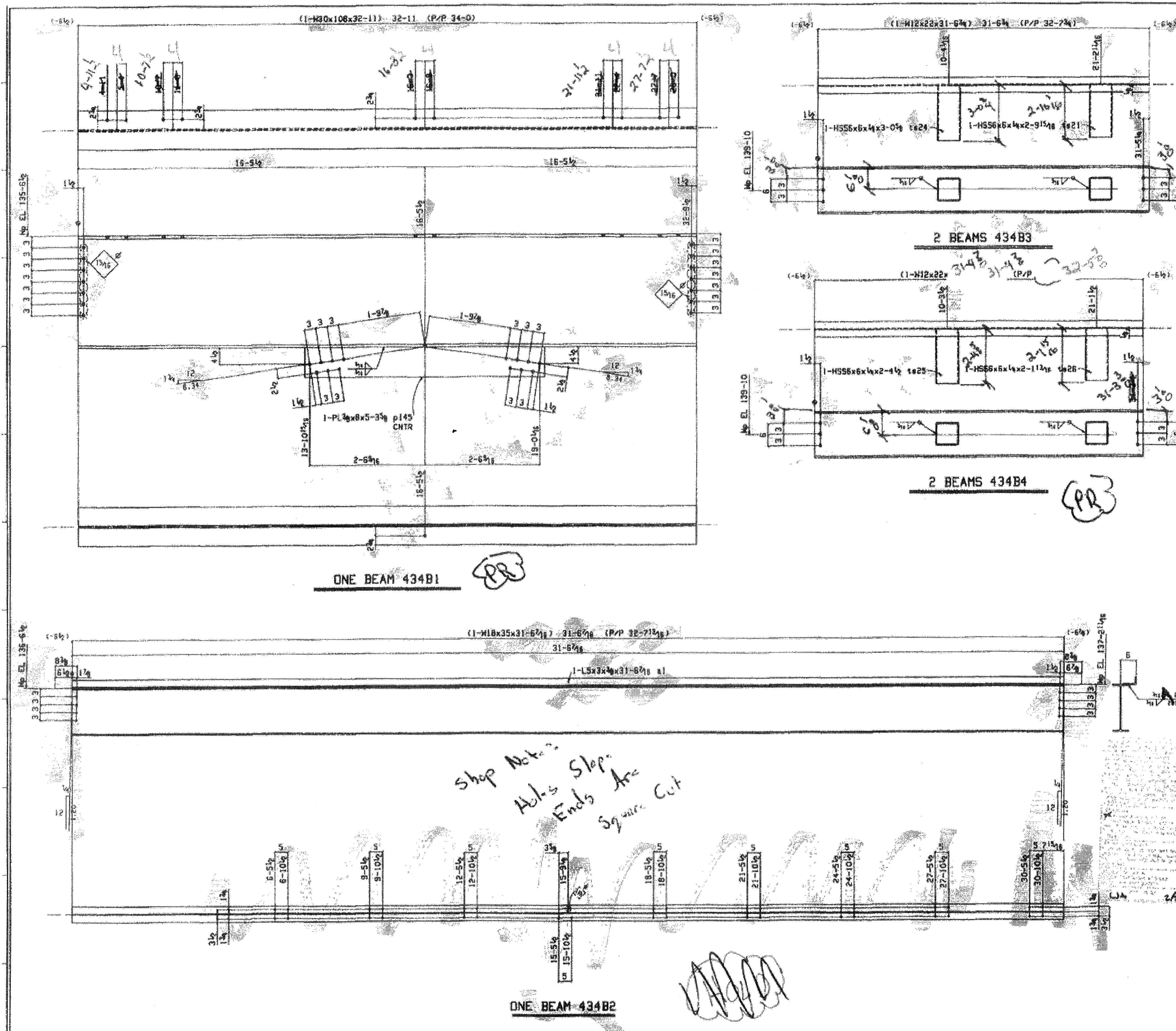
SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PERP - SEE SPEC
BOLTS - 1/2" DIA A325 w/ N & H
HOLES - 1 1/4" DIA U.N
WELDS - E70XX

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Stone City
Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INCINNAPOLIS, IN
CUSTOMER - HSD OF LAWRENCE TOWNSHIP
ARCHITECT - CIBALTAR DESIGN
ENGINEER - CIBALTAR DESIGN

ON SITE
DESCRIPTION OF REVISION:
REV. DATE:
JOB NUMBER: 07-1-01275
FOR FABRICATION/ FIELD
FOR APPROVAL ONLY (DO NOT FAB)
SHEET 432
REV 0



BILL OF MATERIAL

QTY.	Description	Length	Mark	Remarks	Unit	WGT.
1	ONE BEAM		434B1			3609
1	1-H30x108	32-11	w12	A36		3555
1	1-PL 3/8x8	5-3 1/2	p145	A36		54
FIELD BOLTS						
14	1/4 Dia A325N	2 1/2		1HD WASH		
ONE BEAM						
1	1-H18x35	31-5 1/2	w10	A36		1413
1	1-LS 3/4x4	31-8 1/2	a1	A36		309
FIELD BOLTS						
42	1/4 Dia A325N	1 1/4		1HD WASH		
2 BEAM						
2	2-H12x22	31-8 1/2	w8	A36		806
2	2-HSS6x6x1/4	3-0 1/2	1x24	S2E A500B		58
2	2-HSS6x6x1/4	2-3 1/2	1x21	S2E A500B		54
FIELD BOLTS						
12	1/4 Dia A325N	1 3/4		1HD WASH		
2 BEAM						
2	2-H12x22	31-4 1/2	w8	A36		777
2	2-HSS6x6x1/4	2-4 1/2	1x23	S2E A500B		43
2	2-HSS6x6x1/4	2-1 1/2	1x26	S2E A500B		41
FIELD BOLTS						
12	1/4 Dia A325N	1 3/4		1HD WASH		

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DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
INDEPENDENCE, IN
CUSTOMER - MSD OF LAWRENCE TOWNSHIP
ARCHITECT - GIBB/TAR DESIGN
ENGINEER - GIBB/TAR DESIGN

OK BY: _____
DESCRIPTION OF REVISION: _____
REV: _____
DATE: _____

NOTES:
FOR FAB 7-21-08
FOR FAB 7-25-08

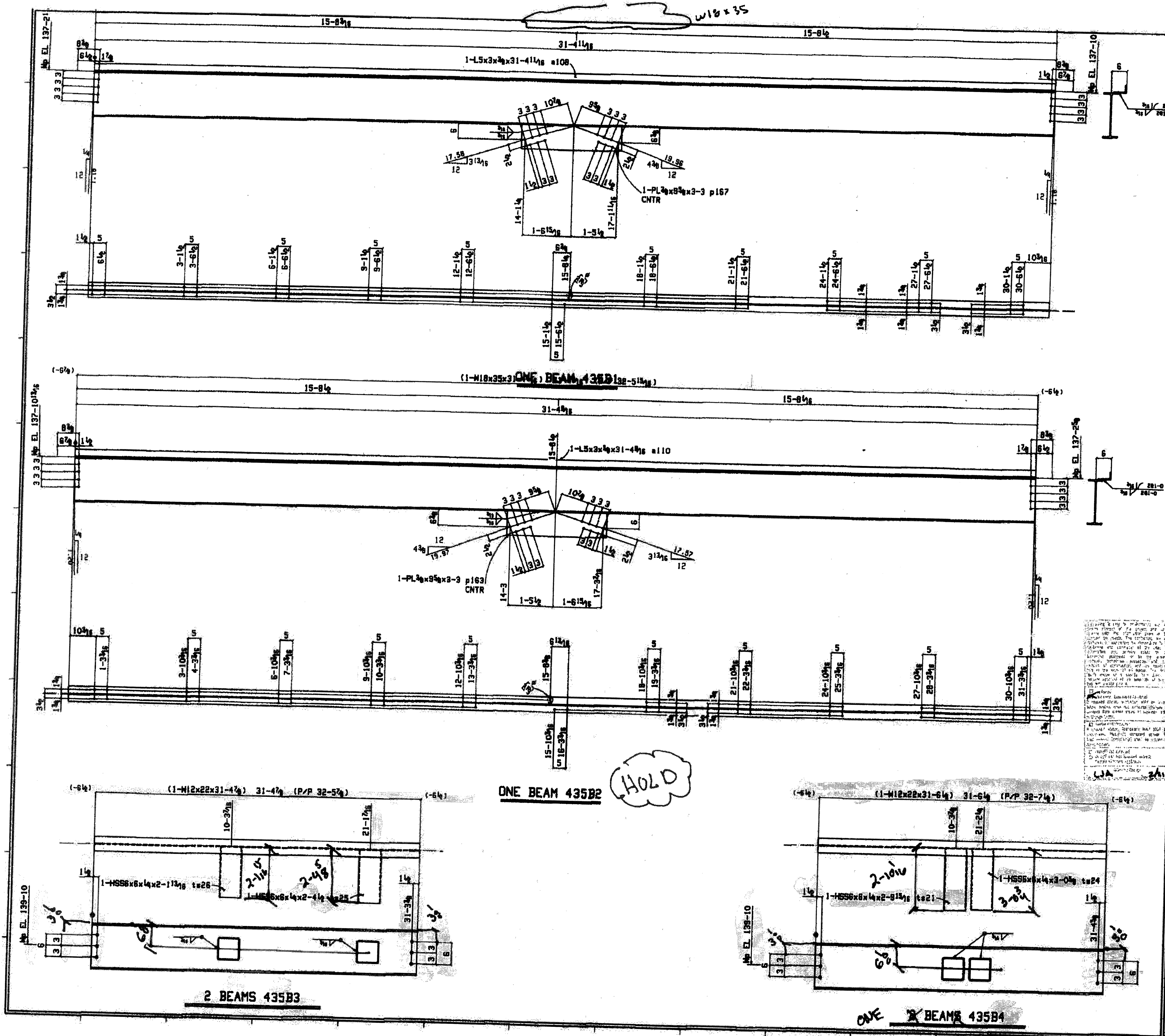
STEEL GRADES:
H SHAPES - A36
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A33 Gr B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PREP - SEE SPEC
BOLTS - 1/4 DIA A325 w/ N & N
HOLES - 1/16 DIA U.N
WELDS - E70XX

FOR FABRICATION/ FIELD
FOR APPROVAL ONLY
(DO NOT FAB)

JOB NUMBER: 07-4-0175

SHEET 434 REV 0



BILL OF MATERIAL				
QTY.	Description	Length	Mark	WGT.
ONE BEAM				
1	W18x35	31'-4 1/2"	W108	1446
1	L5x3x1/2	31'-4 1/2"	A108	1099
1	PL 3/8x9	3'-3"	p167	308
	FIELD BOLTS			
50	1/2" Dia A325N	1 1/2"	1HD WASH	40
ONE BEAM				
1	W18x35	31'-4 1/2"	W101	1446
1	L5x3x1/2	31'-4 1/2"	W110	1099
1	PL 3/8x9	3'-3"	p162	308
	FIELD BOLTS			
50	1/2" Dia A325N	1 1/2"	1HD WASH	40
2 BEAM				
2	W12x22	31'-4 1/2"	W80	777
2	HSS6x6x1/4	2'-4 1/2"	S2E	691
2	HSS6x6x1/4	2'-1 1/2"	S2E	45
	FIELD BOLTS			
12	1/2" Dia A325N	1 1/2"	1HD WASH	41
2 BEAM				
2	W12x22	31'-6 1/2"	W79	805
2	HSS6x6x1/4	3'-0 1/2"	S2E	693
2	HSS6x6x1/4	2'-9 1/2"	S2E	58
	FIELD BOLTS			
6	1/2" Dia A325N	1 1/2"	1HD WASH	54

NOTES:
For FAB 7-21-08

STEEL GRADES:
W SHAPES - A992
C SHAPES - A36
S SHAPES - A36
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr B
PIPE - A53 Gr B

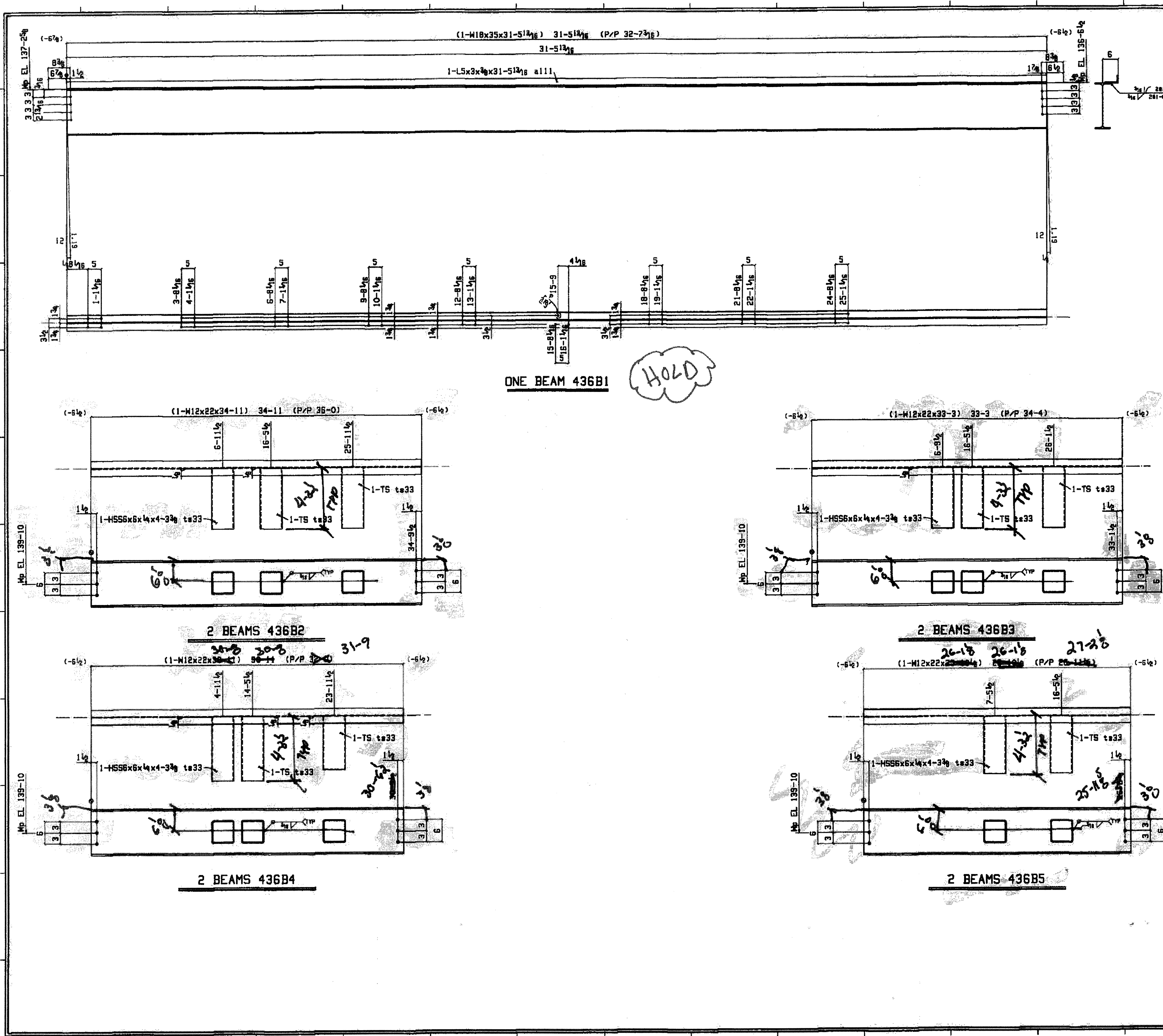
SHIP NOTES:
SHIP COATING - ONE COAT RED PRIMER
SURFACE PREP - SEE SPEC
BOLTS - 1/2" DIA A325 w/ N & N
NUTS - 1/2" DIA U.N
WELDS - C700K

JOB NUMBER: 07-0175
FOR FABRICATOR FIELD
FOR APPROVAL ONLY
SHEET 435 REV 0

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 278-3023
FX: (615) 278-2005

Stone City
Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
COLUMBIANA, IN
CUSTOMER - CO. OF LAWRENCE TOWNSHIP
ARCHITECT - GIBBONS DESIGN
ENGINEER - GIBBONS DESIGN



BILL OF MATERIAL					
QTY.	DESCRIPTION	Length	Mark	Remarks	WGT.
Total					
ONE BEAM			436B1		1411
1 W18x35		31-5 1/2	w21	A592	1102
1 L5x3x3/4		31-5 1/2	a111	S2E A36	309
FIELD BOLTS					
42 3/4 Dia A325N		1 1/4		1HD WASH	
2 BEAM			436B2		1012
2 W12x22		34-1 1/2	w77	A592	768
6 HSS6x6x1/4		4-3/4	ts33	A500B	81
FIELD BOLTS					
12 3/4 Dia A325N		1 1/4		1HD WASH	
2 BEAM			436B3		975
2 W12x22		33-3	w78	A592	732
6 HSS6x6x1/4		4-3/4	ts33	A500B	81
FIELD BOLTS					
12 3/4 Dia A325N		1 1/4		1HD WASH	
2 BEAM			436B4		924
2 W12x22		30-8	w89	A592	680
6 HSS6x6x1/4		4-3/4	ts33	A500B	81
FIELD BOLTS					
12 3/4 Dia A325N		1 1/4		1HD WASH	
2 BEAM			436B5		731
2 W12x22		26-1 1/2	w90	A592	569
4 HSS6x6x1/4		4-3/4	ts33	A500B	81
FIELD BOLTS					
12 3/4 Dia A325N		1 1/4		1HD WASH	

NOTES:
 FOR FAB 7-21-08
 FOR FAB 7-21-08

STEEL GRADES:
 W SHAPES - A592
 C SHAPES - A36
 S SHAPES - A36
 ANGLES - A36
 PLATES - A36
 HSS/TS - A500 Gr B
 PIPE - A53 Gr B

SHOP NOTES:
 SHOP COATING - ONE COAT RED PRIMER
 SURFACE PREP - SEE SPEC
 BOLTS - 3/4 DIA A325 w N & W
 HOLES - 1/8 DIA U.N
 WELDS - E70XX

1771 US Highway 50 East
 BEDFORD, TN 37021
 PH: (615) 279-3023
 FX: (615) 279-2005

Stone City

 Ironworks, Inc.

DESCRIPTION - BEAM DETAILS
 PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
 INDIANAPOLIS, IN
 CUSTOMER - BOB OF LAWRENCE TOWNSHIP
 ARCHITECT - CIBOLATAR DESIGN
 ENGINEER - CIBOLATAR DESIGN

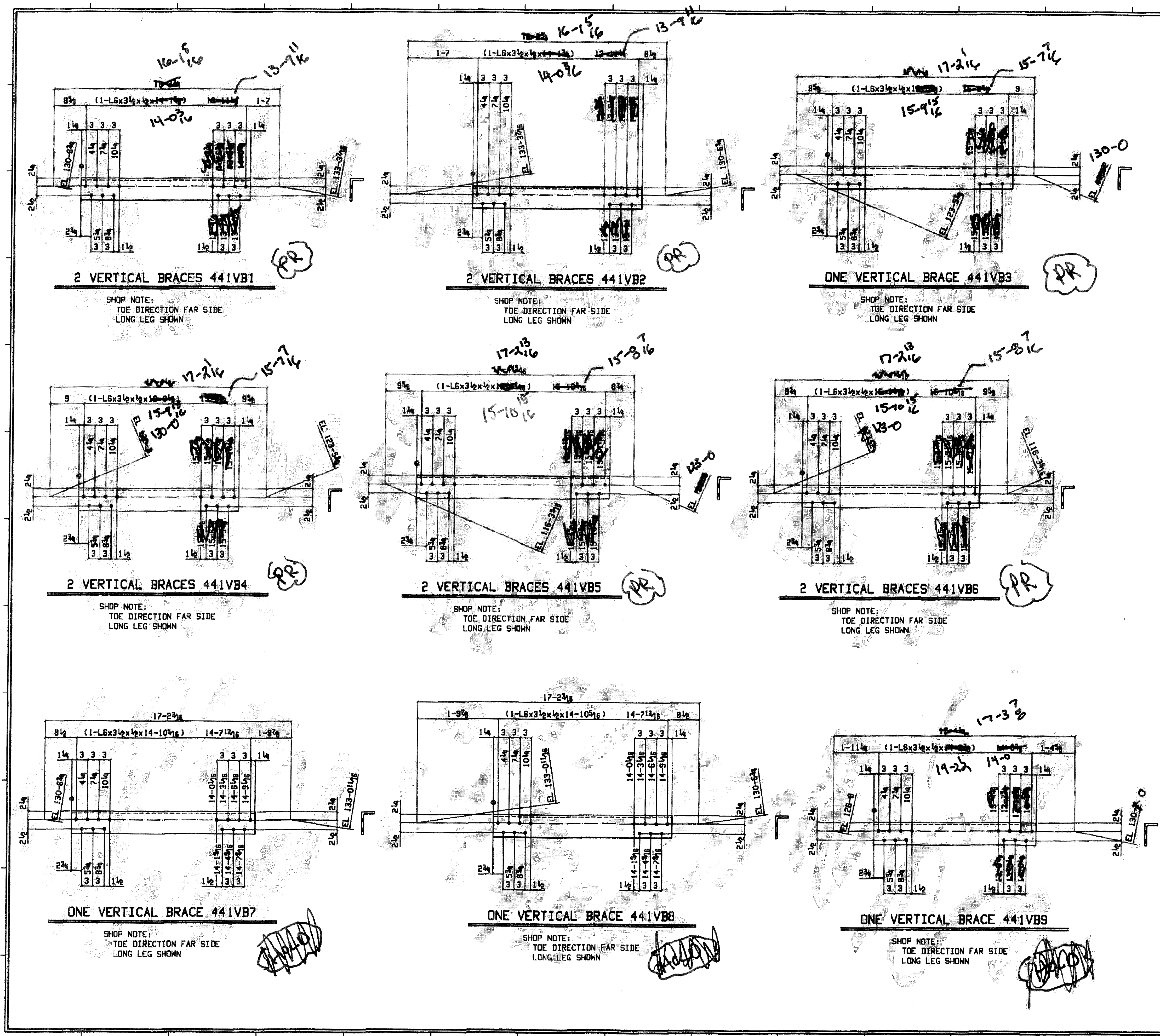
CK BY: _____
 DESCRIPTION OF REVISION: _____

DATE: _____
 REV. _____
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

JOB NUMBER: 37-4-0-775

FOR FABRICATION/ FIELD
 FOR APPROVAL ONLY
 (DO NOT FAB)

SHEET 436 REV 0



BILL OF MATERIAL					
QTY.	Description	Length	Mark	Remarks	Unit
Total	2 VERTICAL BRACE	14-0 1/2	441VB1		216
	2 L6x3 1/2x1/2		a36	A36	216
FIELD BOLTS					
28	3/4 Dia A325N	2 1/4		1HD WASH	
	2 VERTICAL BRACE	14-0 1/2	441VB2		216
	2 L6x3 1/2x1/2		a37	A36	216
FIELD BOLTS					
28	3/4 Dia A325N	2 1/4		1HD WASH	
	ONE VERTICAL BRACE	15-7 1/2	441VB3		245
	1 L6x3 1/2x1/2		a54	A36	245
FIELD BOLTS					
7	3/4 Dia A325N	2 1/4		1HD WASH	
	2 VERTICAL BRACE	15-7 1/2	441VB4		245
	2 L6x3 1/2x1/2		a53	A36	245
FIELD BOLTS					
14	3/4 Dia A325N	2 1/4		1HD WASH	
	2 VERTICAL BRACE	15-7 1/2	441VB5		245
	2 L6x3 1/2x1/2		a56	A36	245
FIELD BOLTS					
14	3/4 Dia A325N	2 1/4		1HD WASH	
14	3/4 Dia A325N	2		1HD WASH	
	2 VERTICAL BRACE	15-10 1/2	441VB6		245
	2 L6x3 1/2x1/2		a57	A36	245
FIELD BOLTS					
14	3/4 Dia A325N	2 1/4		1HD WASH	
14	3/4 Dia A325N	2		1HD WASH	
	ONE VERTICAL BRACE	14-10 1/2	441VB7		227
	1 L6x3 1/2x1/2		a58	A36	227
FIELD BOLTS					
14	3/4 Dia A325N	2 1/4		1HD WASH	
	ONE VERTICAL BRACE	14-10 1/2	441VB8		227
	1 L6x3 1/2x1/2		a59	A36	227
FIELD BOLTS					
14	3/4 Dia A325N	2 1/4		1HD WASH	
	ONE VERTICAL BRACE	14-0 1/2	441VB9		218
	1 L6x3 1/2x1/2		a66	A36	218
FIELD BOLTS					
14	3/4 Dia A325N	2		1HD WASH	

NOTES:
For FAB 7-8-08
For FAB 7-26-08

STEEL GRADES:
H SHAPES - A992
C SHAPES - A36
S SHAPES -
ANGLES - A36
PLATES - A36
HSS/TS - A500 Gr. B
PIPE - A53 Gr. B

SHOP NOTES:
SHOP COATING - ONE COAT RED PRIMER
SURFACE PREP - SEE SPEC
BOLTS - 3/4 DIA A325 N & N
HOLES - 1/4" DIA U.N
WELDS - E70XX

REVISIONS:
REV. DATE:
BY:
CHKD BY:
DATE:
DESCRIPTION OF REVISION:

JOB NUMBER: 07-4-0175
FOR FABRICATOR:
FIELD:
FOR APPROVAL ONLY:
(DO NOT FAB):

SHEET 441 REV 0

1771 US Highway 50 East
BEDFORD, TN 37021
PH: (615) 279-3023
FX: (615) 279-2005

Stone City Ironworks, Inc.

DESCRIPTION - VERTICAL BRACING DETAILS
PROJECT - LAWRENCE CENTRAL HIGH SCHOOL
TOWN, INDIANAPOLIS, IN
CUSTOMER - DIST. OF LAWRENCE TOWNSHIP
ARCHITECT - GENERALIST DESIGN
ENGINEER - GENERALIST DESIGN