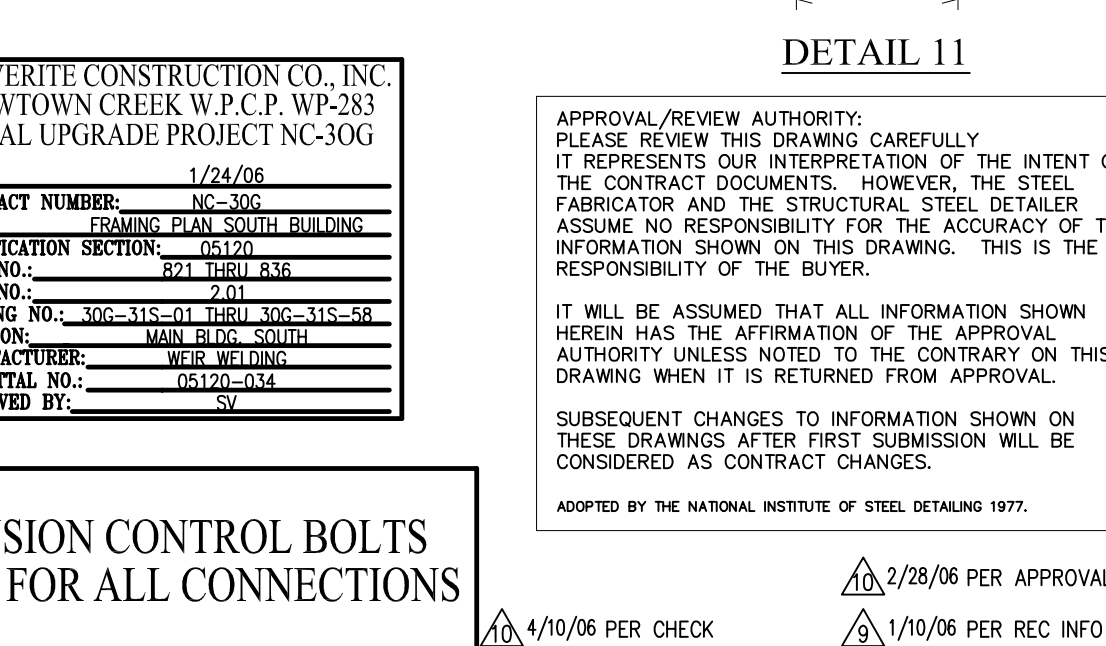
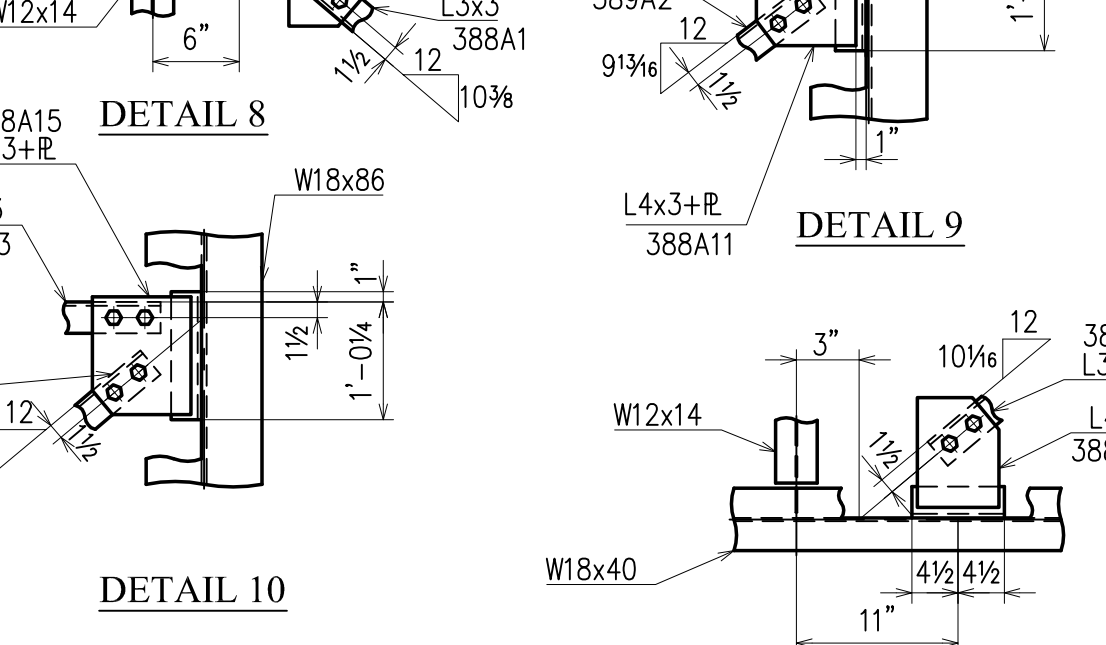
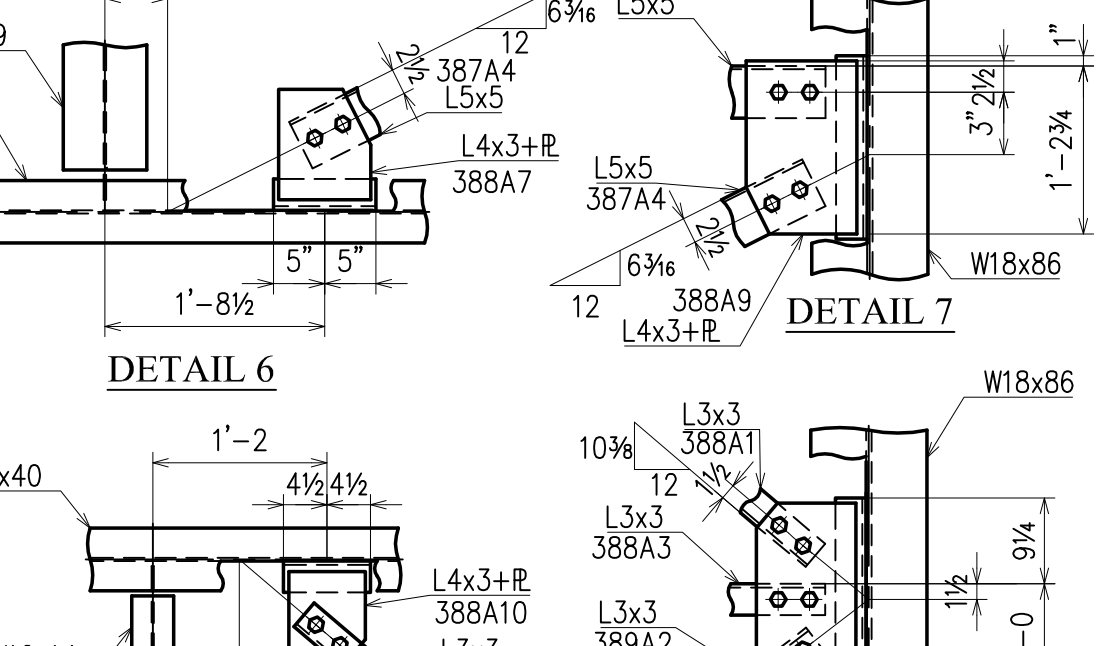
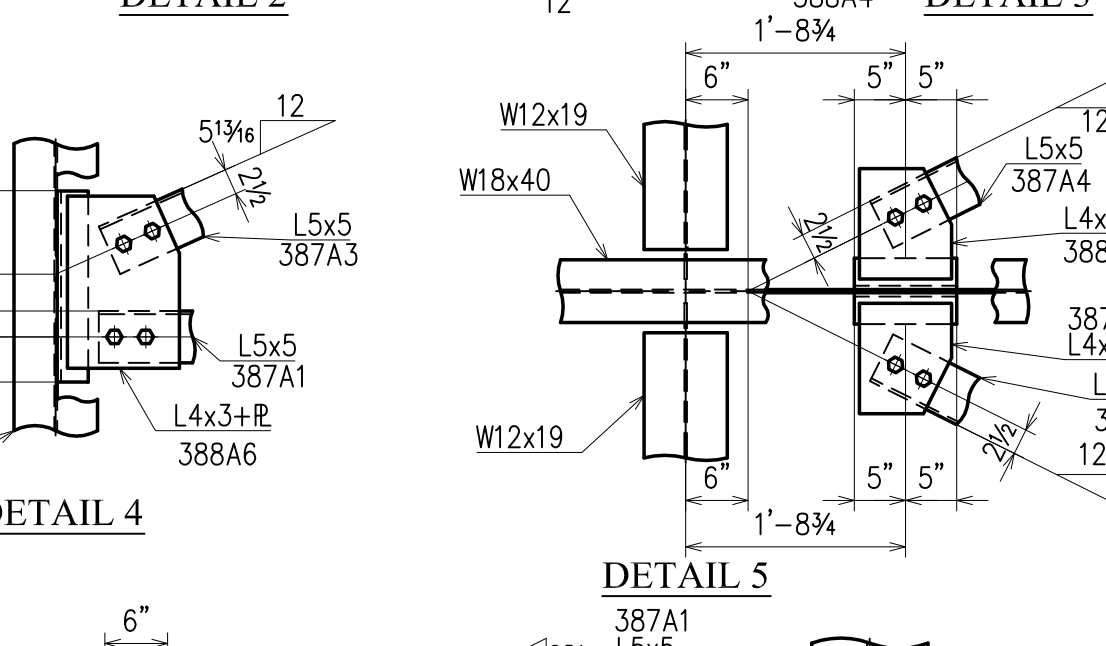
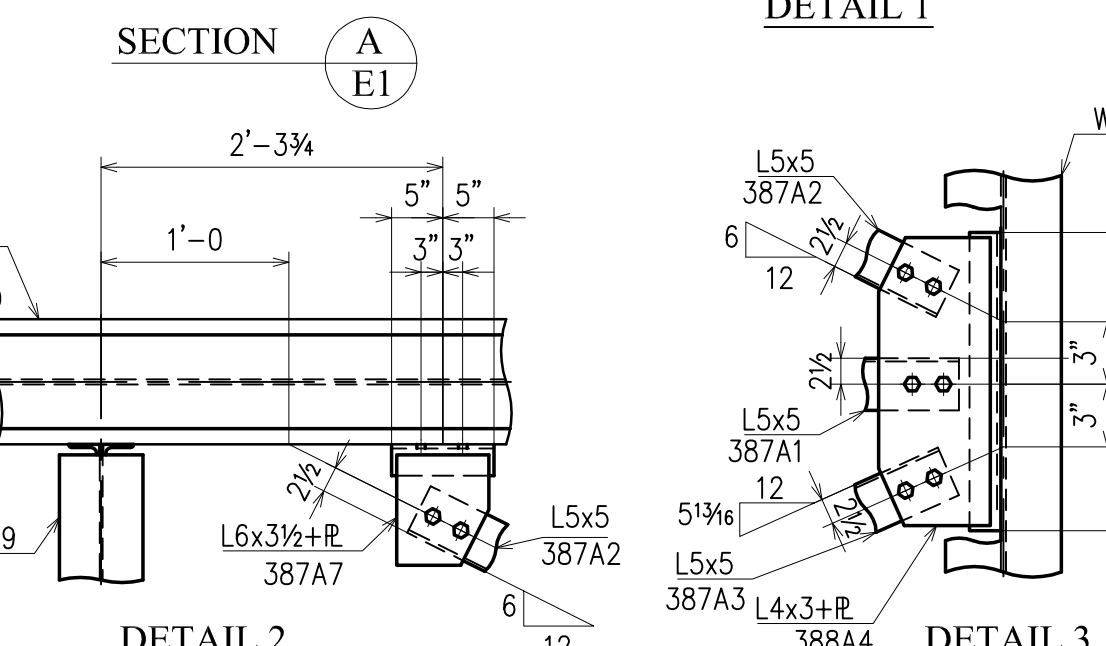
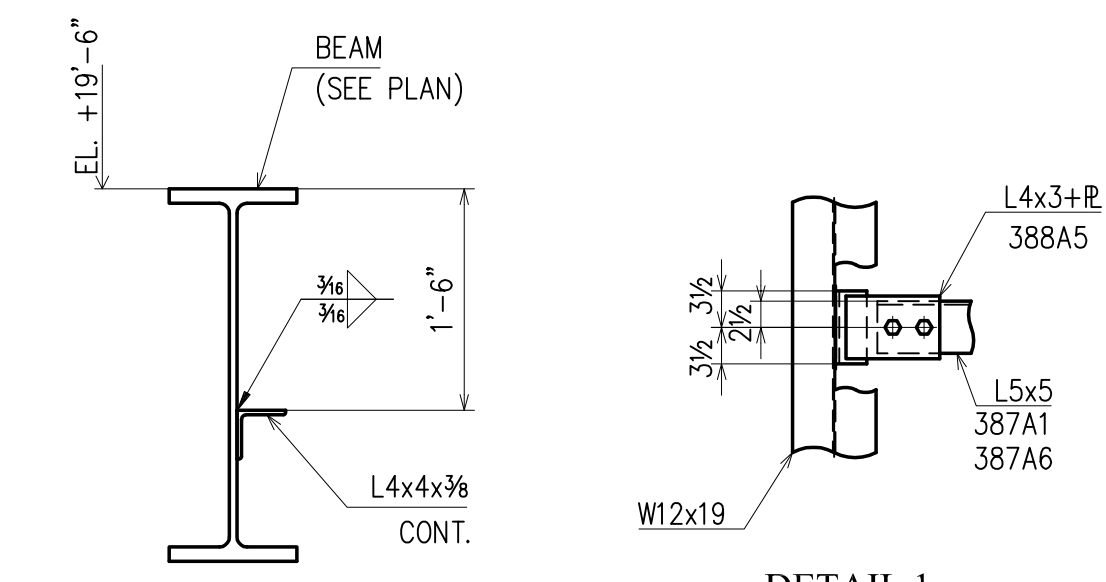
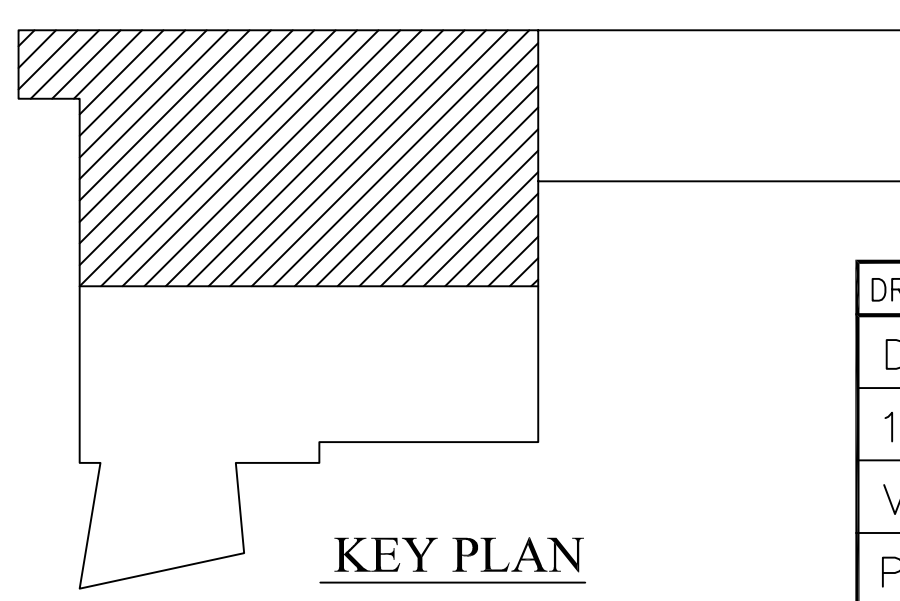
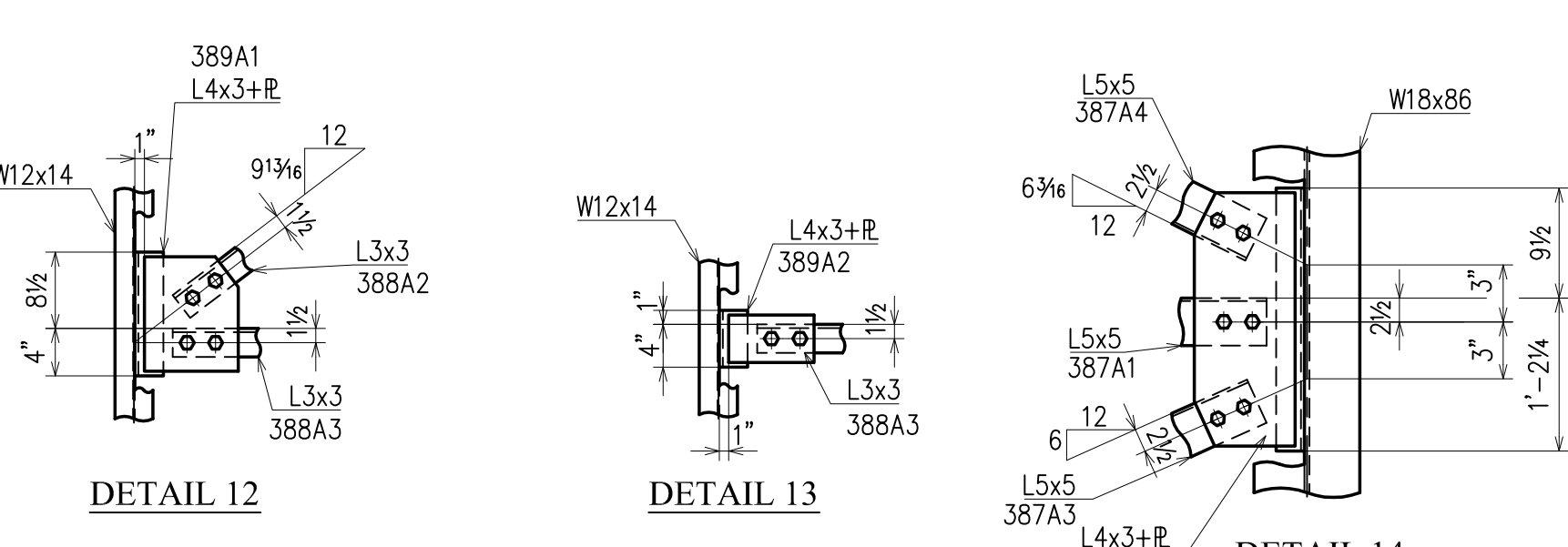




PARTIAL SECOND FLOOR PLAN (REF. SHT. # 305)

1. T.O.S. ELEVATION TO BE (+19'-6") U.N.O. TAKEN FROM
DATUM FIN. FLOOR EL. 0'-0" (ACTUAL +15'-0")

2. ALL STEEL TO BE ASTM A572 GR. 50 U.N.O.
ALL TUBE STEEL TO BE A500 GR.B U.N.O.
ALL PIPE STEEL TO BE ASTM A53, GR.B U.N.O.

3. ALL BOLTS TO BE 7/8" @ ASTM A325 TYPE N

4.  INDICATES MOMENT CONNECTION.

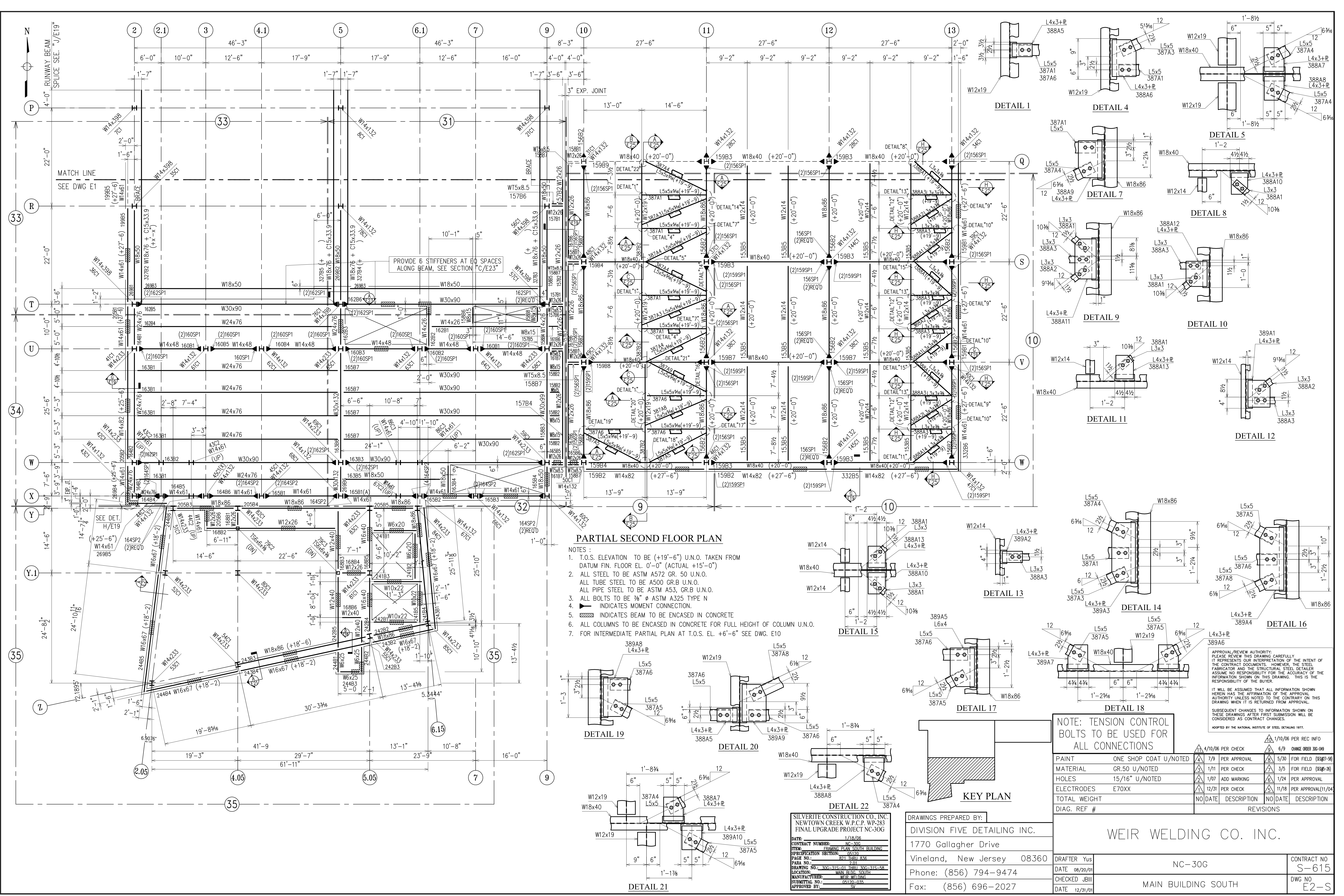
5.  INDICATES BEAM TO BE ENCASED IN CONCRETE

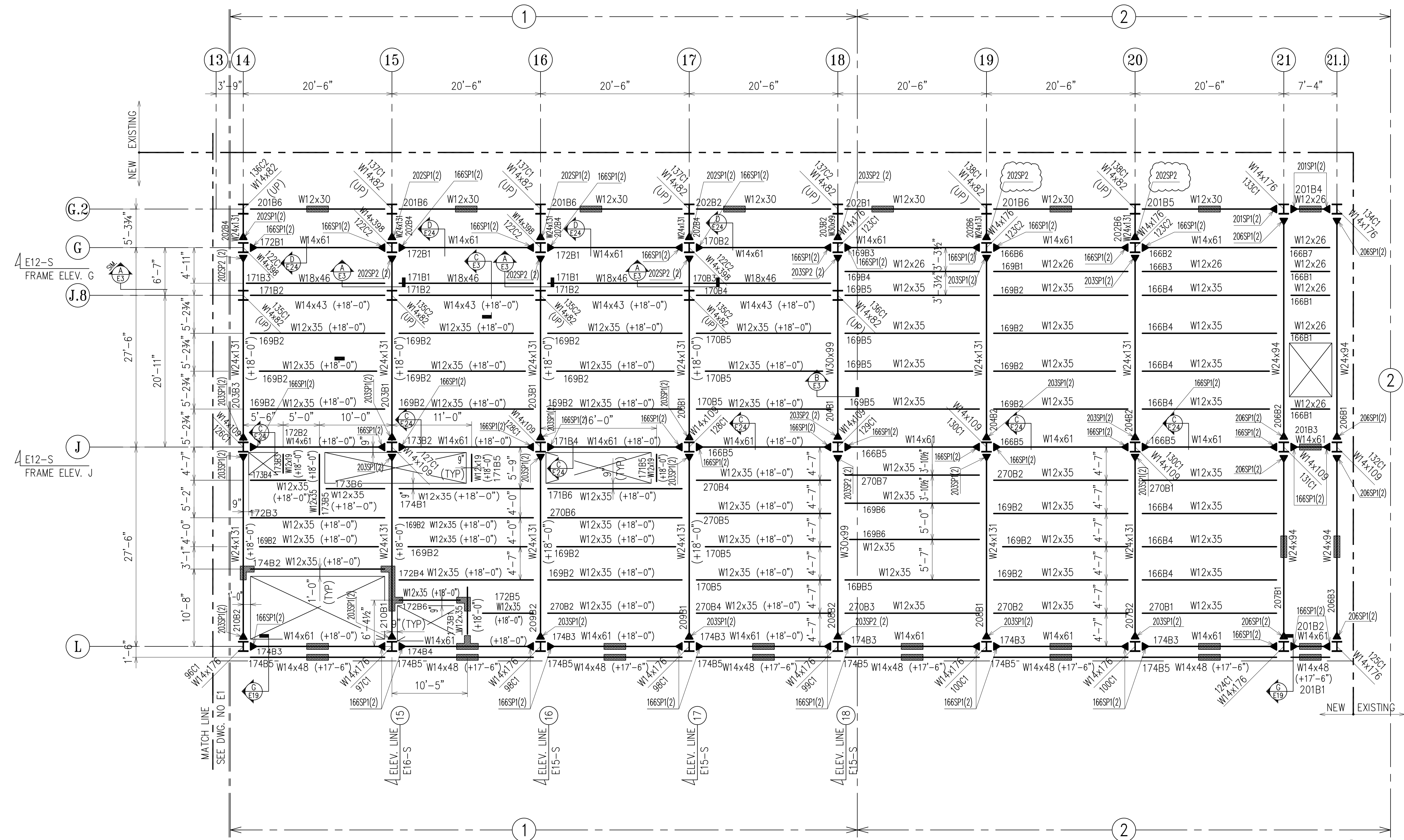
6. ALL COLUMNS TO BE ENCASED IN CONCRETE FOR FULL HEIGHT OF COLUMN U.N.O.

7. NO PAINT @ CONC. ENCASED STEEL.

DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey 08360	
Phone: (856) 794-9474	
Fax: (856) 696-2027	

NOTE: TENSION CONTROL BOLTS TO BE USED FOR ALL CONNECTIONS		CONSULTED AS CONTRACT CHANGES ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.	
		△10. 4/10/06 PER CHECK	△9. 2/28/06 PER APPROVAL △9. 1/10/06 PER REC INFO
PAINT	ONE SHOP COAT U/NOTED	△4. 7/9 PER APPROVAL	△8. 3/5 FOR FIELD (SEQ#5-26)
MATERIAL	A572 GD50	△4. 1/11 PER CHECK	△4. 1/24 PER APPROVAL
HOLES	15/16" U/NOTED	△4. 1/07 ADD MARKING	△4. 11/18 PER APPROVALS (110)
ELECTRODES	E70XX	△4. 12/31 PER CHECK	△4. 10/14 PER CHECK
TOTAL WEIGHT		NO DATE	NO DATE DESCRIPTION
DIAG. REF #		REVISIONS	
WEIR WELDING CO. INC.			
DRAFTER TN	NC-30G		CONTRACT NO
DATE 08/14/01			S-615
CHECKED JBIII	MAIN BUILDING SOUTH		DWG NO E1





NOTES :

1. T.O.S. ELEVATION TO BE (+19'-6") U.N.O. TAKEN FROM DATUM FIN. FLOOR EL. 0'-0" (ACTUAL +15'-0")
2. ALL STEEL TO BE ASTM A572 GR. 50 U.N.O.
ALL TUBE STEEL TO BE A500 GR.B U.N.O.
ALL PIPE STEEL TO BE ASTM A53, GR.B U.N.O.
3. ALL BOLTS TO BE (7/8") ϕ ASTM A325 TYPE N
4. INDICATES MOMENT CONNECTION.
5. INDICATES BEAM TO BE ENCASED IN CONCRETE
6. ALL COLUMNS TO BE ENCASED IN CONCRETE FOR FULL HEIGHT OF COLUMN U.N.O.



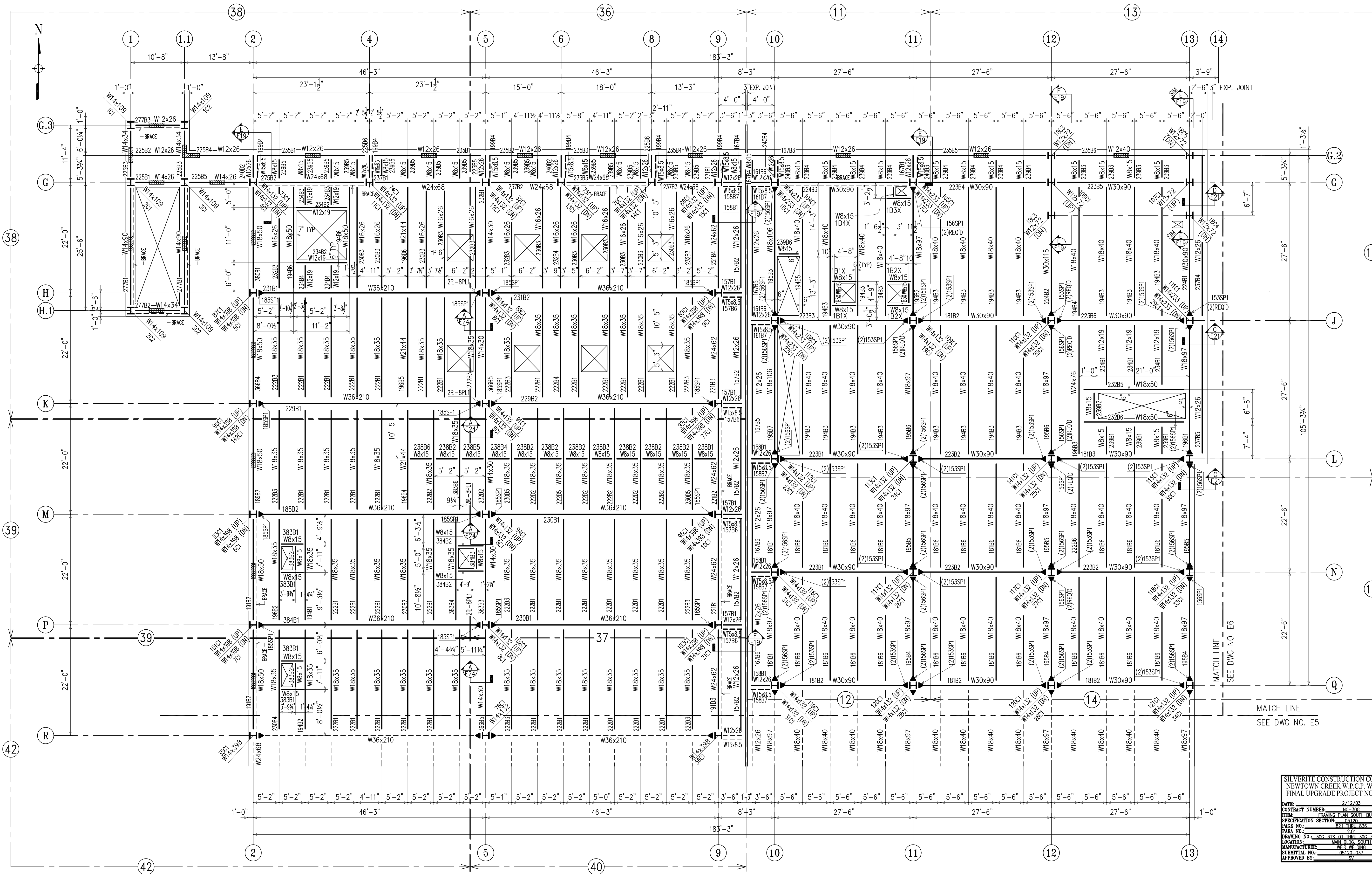
MARKINGS HAS BEEN ADDED
FOR SHIMS AT EACH MOMENT
CONNECTION

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

PAINT	ONE SHOP COAT U/NOTED		9/08	PER CHECK		
MATERIAL	GR.50 U/NOTED		7/9	PER APPROVAL		
HOLES	15/16" U/NOTED		1/01	PER CHECK		01/08 PER TC BOLT NOTE
ELECTRODES	E70XX		1/07	ADD MARKING		9/16 PER CHECK
TOTAL WEIGHT		NO	DATE	DESCRIPTION	NO	DATE DESCRIPTION
DIAG. REF #		REVISONS				

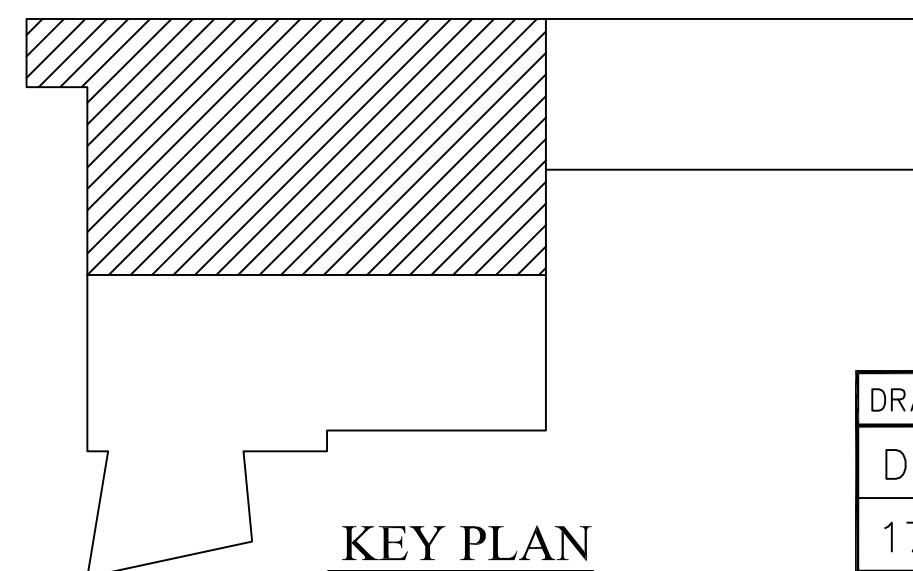
WEIR WELDING CO. INC.

DRAFTER AF	NC-30G	CONTRACT NO
DATE 08/14/01		S-615
CHECKED GS	MAIN BUILDING SOUTH	DWG NO
DATE 9/16/02		E3-S



PARTIAL THIRD FLOOR PLAN

- NOTES :
1. T.O.S. ELEVATION TO BE (+35'-6") U.N.O. TAKEN FROM DATUM FIN. FLOOR EL. 0'-0" (ACTUAL +15'-0")
 2. ALL STEEL TO BE ASTM A572 GR. 50 U.N.O.
ALL TUBE STEEL TO BE A500 GR.B U.N.O.
ALL PIPE STEEL TO BE ASTM A53, GR.B U.N.O.
 3. ALL BOLTS TO BE 3/4" Ø ASTM A325 TYPE N
 4. INDICATES MOMENT CONNECTION.
 5. INDICATES BEAM TO BE ENCASED IN CONCRETE
 6. ALL COLUMNS TO BE ENCASED IN CONCRETE FOR FULL HEIGHT OF COLUMN U.N.O.



KEY PLAN

DRAWINGS PREPARED BY:

DIVISION FIVE DETAILING INC.

1770 Gallagher Drive

Vineland, New Jersey 08360

Phone: (856) 794-9474

Fax: (856) 696-2027

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

DATE: 2/12/03
CONTRACT NUMBER: NC-30G
ITEM: FRAMING PLAN SOUTH BUILDING
SPECIFICATION SECTION: 0510
PAGE NO.: 211
PARA NO.: 211
DRAWING NO.: 30G-315-01-1001 30G-315-58
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING CO.
SUBMITTAL NO.: 10120-037
APPROVED BY: SV

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

APPROVAL/REVIEW AUTHORITY:
PLEASE REVIEW THIS DRAWING CAREFULLY.
IT REPRESENTS OUR INTERPRETATION OF THE INTENT OF
THE CONTRACT DOCUMENTS. HOWEVER, THE STEEL
FABRICATOR AND THE STRUCTURAL STEEL DETAILER
ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THE
INFORMATION SHOWN ON THIS DRAWING. THIS IS THE
RESPONSIBILITY OF THE BUYER.

IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN
HEREIN HAS THE AFFIRMATION OF THE APPROVAL
AUTHORITY UNLESS NOTED TO THE CONTRARY ON THIS
DRAWING WHEN IT IS RETURNED FROM APPROVAL.

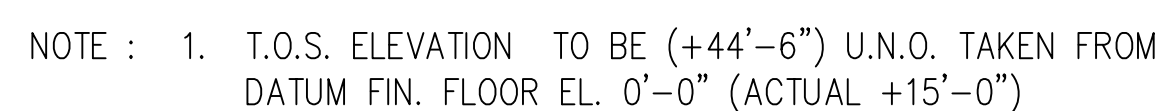
SUBSEQUENT CHANGES TO INFORMATION SHOWN ON
THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE
CONSIDERED AS CONTRACT CHANGES.

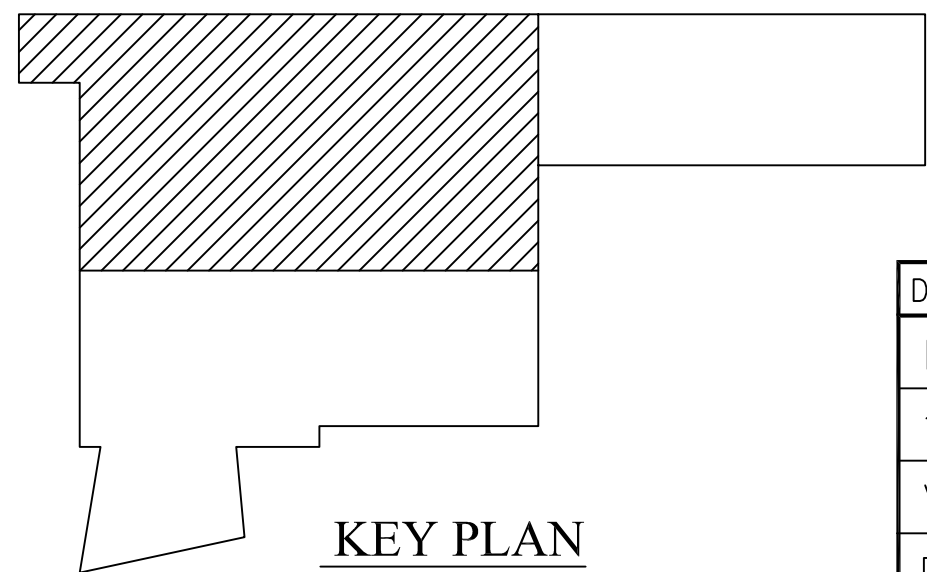
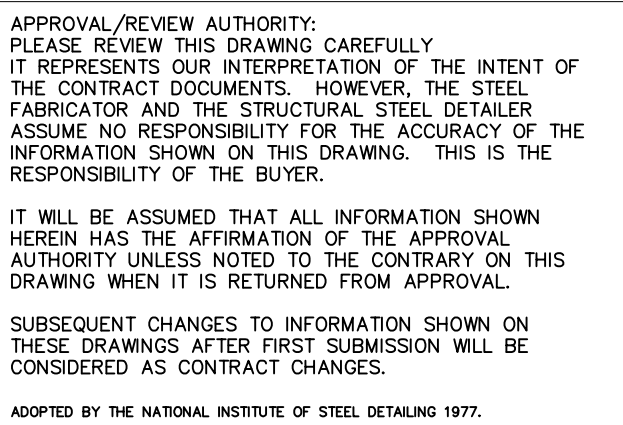
ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

5/30 ADDED OPENING IN SEQU
5/23 FOR FIELD (SEQ#5-26)

PAINT	NO PAINT U/NOTED		10/14	PER CHECK		3/5	FOR FIELD (SEQ#5-26)
MATERIAL	GR.50 U/NOTED		7/9	PER APPROVAL		2/07	PER CHECK
HOLES	15/16" U/NOTED		1/11	PER CHECK		1/24	PER APPROVAL
ELECTRODES	E70XX		1/07	ADD MARKING		11/18	PER APPROVAL (1104)
TOTAL WEIGHT			NO	DATE		NO	DATE
DIAG. REF #							
				REVISIONS			

DRAFTER	TN	CONTRACT NO.	NC-30G	CONTRACT NO.	S-615
DATE	08/14/01	CHECKED	D5	DWG NO.	E4-S
DATE	5/23/03				



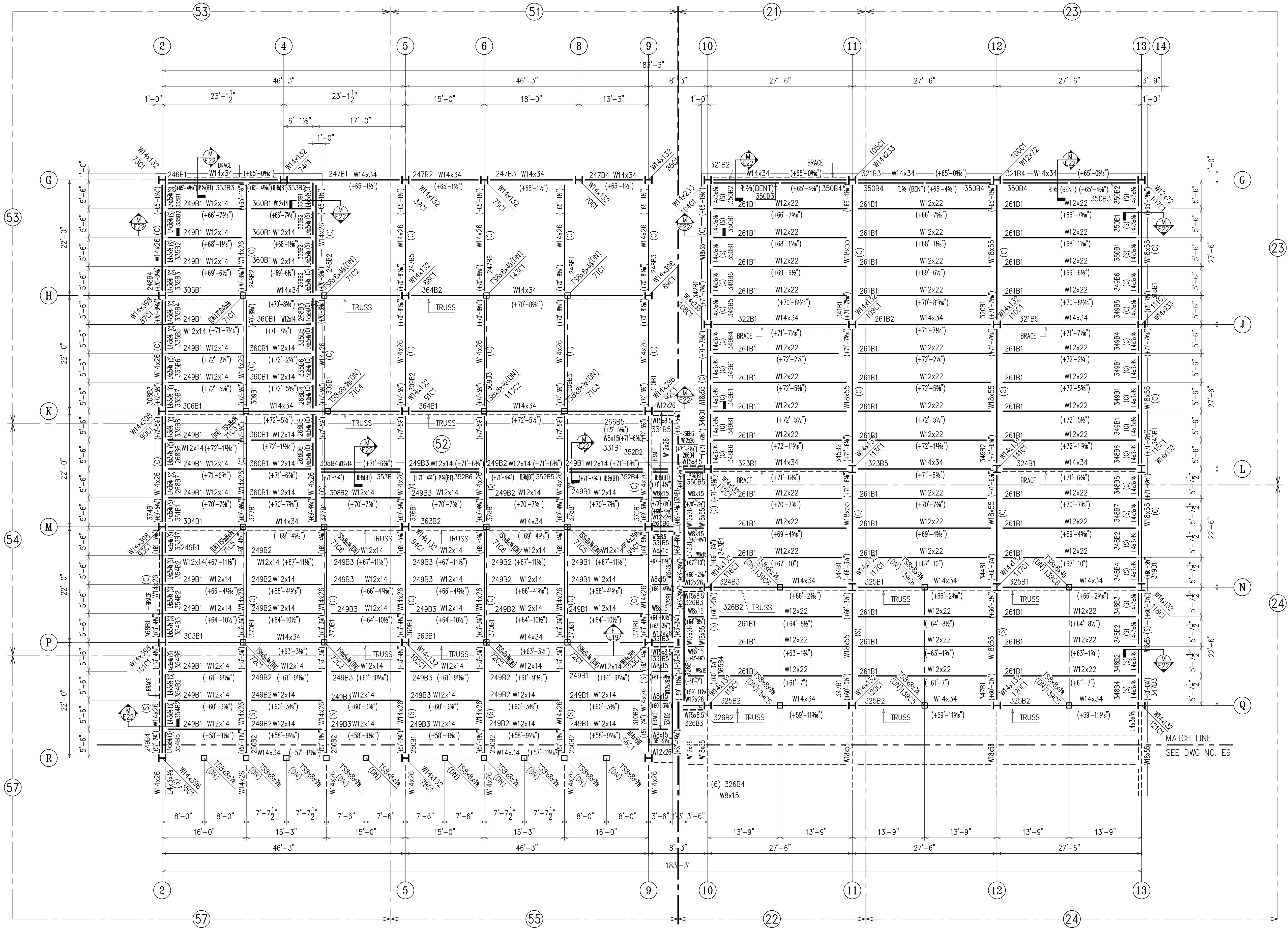


NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

P A I N T	ONE SHOP COAT U/NOTED		11/18	PER APPRVL (11/04)		5/23	FOR FIELD (SEQ#27-58)
M A T E R I A L	GR.50 U/NOTED		10/14	PER APPROV		3/5	FOR FIELD (SEQ#5-26)
H O L E S	15/16" U/NOTED		7/9	PER CHECK		7/10	PER ENGINEER
E L E C T R O D E S	E70XX		7/07	ADD MARKING		1/24	PER APPROVAL
TOTAL WEIGHT			NO DATE	DESCRIPTION		NO DATE	DESCRIPTION
DIAG. REF #			REVISIONS				

WEIR WELDING CO. INC.

DRAWINGS PREPARED BY:		DATE		REVISIONS		
DIVISION FIVE DETAILING INC.		WEIR WELDING CO. INC.				
1770 Gallagher Drive						
Vineland, New Jersey 08360		DRAFTER	TN	NC-30G		CONTRACT NO.
Phone: (856) 794-9474		DATE	08/14/01			S-615
Fax: (856) 696-2027		CHECKED	D5	MAIN BUILDING SOUTH		DWG NO.
		DATE	3/5/03			E7-S



NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

SILVERITE CONSTRUCTION CO. INC.	
NEWTON CREEK W.P.C.P. WP-283	
FINAL UPGRADE PROJECT NC-30G	
DATE:	2/12/03
CONTRACT NUMBER:	NC-30G
ITEM:	FRAMING PLAN SOUTH BUILDING
SPECIFICATION SECTION:	05120
PAGE NO.:	821 TBL RVE
PLA NO.:	
DRAWING NO.:	30G-31S-01 TBL
LOCATION:	MAIN BLDG. SOUTH
MANUFACTURER:	WEIR WELDING
SUBMITTAL NO.:	05120-041
APPROVED BY:	SY

APPROVAL/REVIEW AUTHORITY:
PLEASE REVIEW THIS DRAWING CAREFULLY.
IT REPRESENTS OUR INTERPRETATION OF THE INTENT OF
THE CONTRACT DOCUMENTS. HOWEVER, THE STEEL
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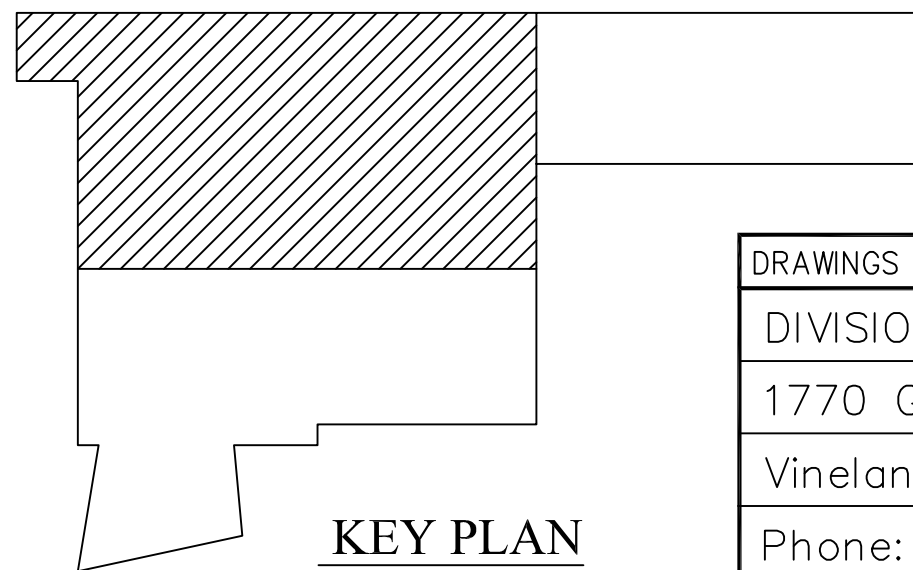
IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN
HEREIN HAS THE AFFIRMATION OF THE APPROVAL
AUTHORITY UNLESS NOTED TO THE CONTRARY ON THIS
DRAWING WHEN IT IS RETURNED FROM APPROVAL.

SUBSEQUENT CHANGES TO INFORMATION SHOWN ON
THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE
CONSIDERED AS CONTRACT CHANGES.

ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

PARTIAL ROOF PLAN

- NOTES :
- T.O.S. ELEVATION TO BE (+X'-X") ON PLAN TAKEN FROM DATUM FIN. FLOOR EL. 0'-0" (ACTUAL +15'-0")
 - ALL STEEL TO BE ASTM A572 GR. 50 U.N.O.
ALL TUBE STEEL TO BE A500 GR.B U.N.O.
ALL PIPE STEEL TO BE ASTM A53, GR.B U.N.O.
 - ALL BOLTS TO BE 7/8" ϕ ASTM A325 TYPE N
 - INDICATES MOMENT CONNECTION.
 - INDICATES BEAM TO BE ENCASED IN CONCRETE
 - ALL COLUMNS TO BE ENCASED IN CONCRETE FOR FULL HEIGHT OF COLUMN U.N.O.
 - (S) DENOTES SLOPING MEMBER
 - (C) DENOTES CURVED MEMBER



DRAWINGS PREPARED BY:

DIVISION FIVE DETAILING INC.

1770 Gallagher Drive

Vineland, New Jersey 08360

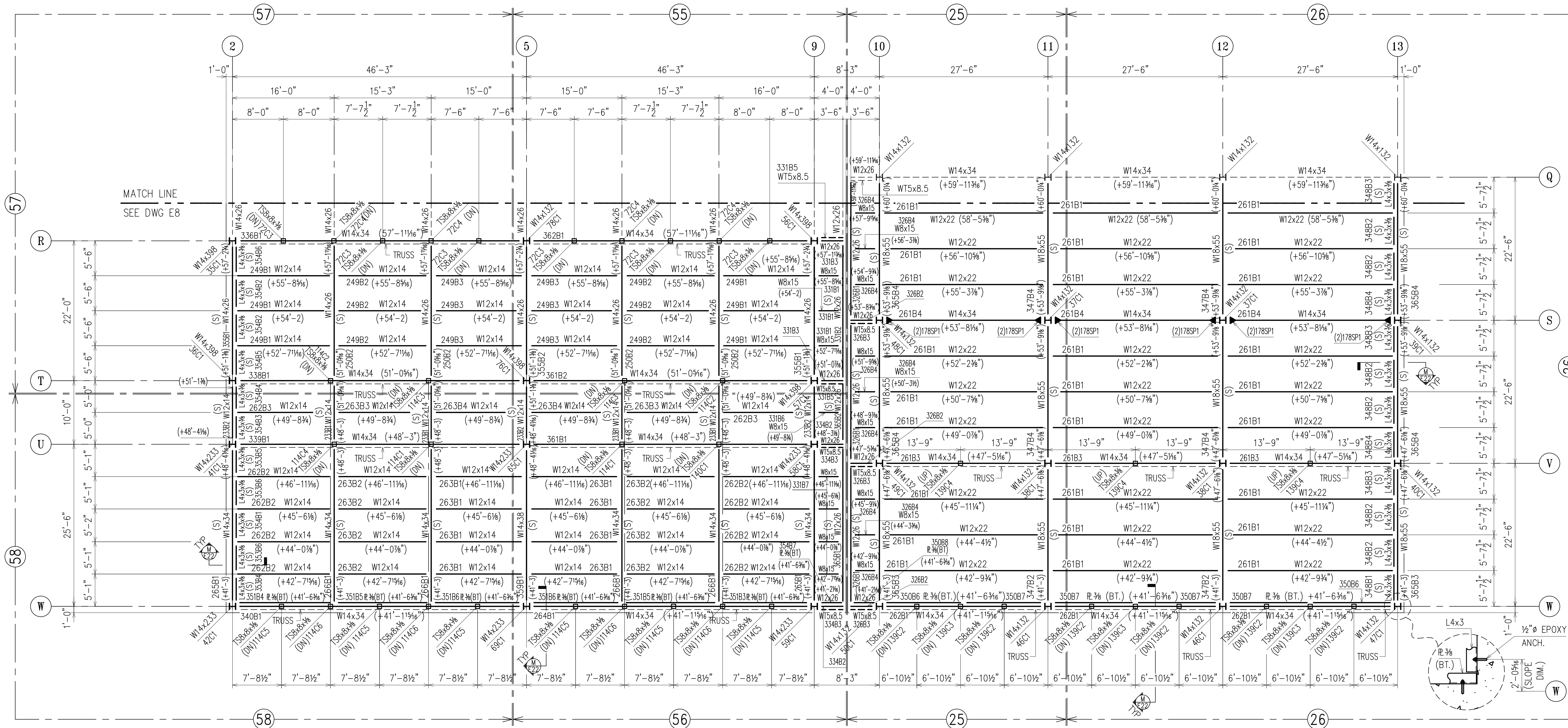
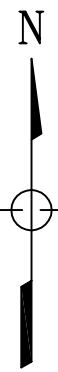
Phone: (856) 794-9474

Fax: (856) 696-2027

WEIR WELDING CO. INC.

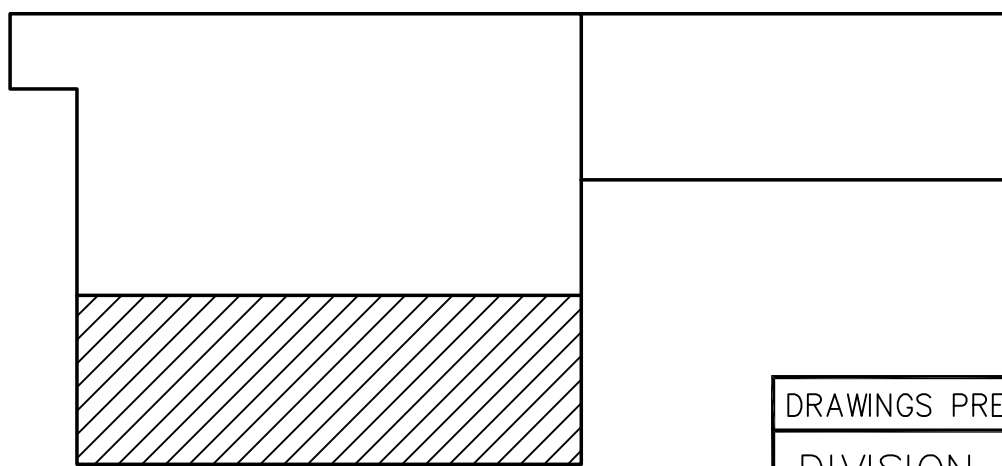
PAINT	ONE SHOP COAT U/NOTED		1/24	PER APPROVAL		5/23	FOR FIELD (8007-50)
MATERIAL	GR.50 U/NOTED		7/9	PER APPROVAL		3/5	FOR FIELD (8007-20)
HOLES	15/16" U/NOTED		5/3	PER CHECK		2/07	PER CHECK
ELECTRODES	E70XX		1/18	ADD. MARK			
TOTAL WEIGHT			NO DATE	DESCRIPTION	NO DATE	DESCRIPTION	
DIAG. REF #			REVISIONS				

DRAFTER	TN	CONTRACT NO.	NC-30G	CONTRACT NO.	S-615
DATE	08/14/01	CHECKED	D5	DWG NO.	E8-S
DATE	3/5/03				
MAIN BUILDING SOUTH					



PARTIAL ROOF PLAN

- NOTES :
1. T.O.S. ELEVATION TO BE (+x'-xx") ON PLAN TAKEN FROM DATUM FIN. FLOOR EL. 0'-0" (ACTUAL +15'-0")
 2. ALL STEEL TO BE ASTM A572 GR. 50 U.N.O.
ALL TUBE STEEL TO BE A500 GR.B U.N.O.
ALL PIPE STEEL TO BE ASTM A53, GR.B U.N.O.
 3. ALL BOLTS TO BE 3/4" Ø ASTM A325 TYPE N
 4.  INDICATES MOMENT CONNECTION.
 5.  INDICATES BEAM TO BE ENCASED IN CONCRETE
 6. ALL COLUMNS TO BE ENCASED IN CONCRETE FOR FULL HEIGHT OF COLUMN U.N.O.
 7. (S) DENOTES SLOPING MEMBER
 8. (C) DENOTES CURVED MEMBER



KEY PLAN

DRAWINGS PREPARED BY:

DIVISION FIVE DETAILING INC.
1770 Gallagher Drive
Vineland, New Jersey 08360
Phone: (856) 794-9474
Fax: (856) 696-2027

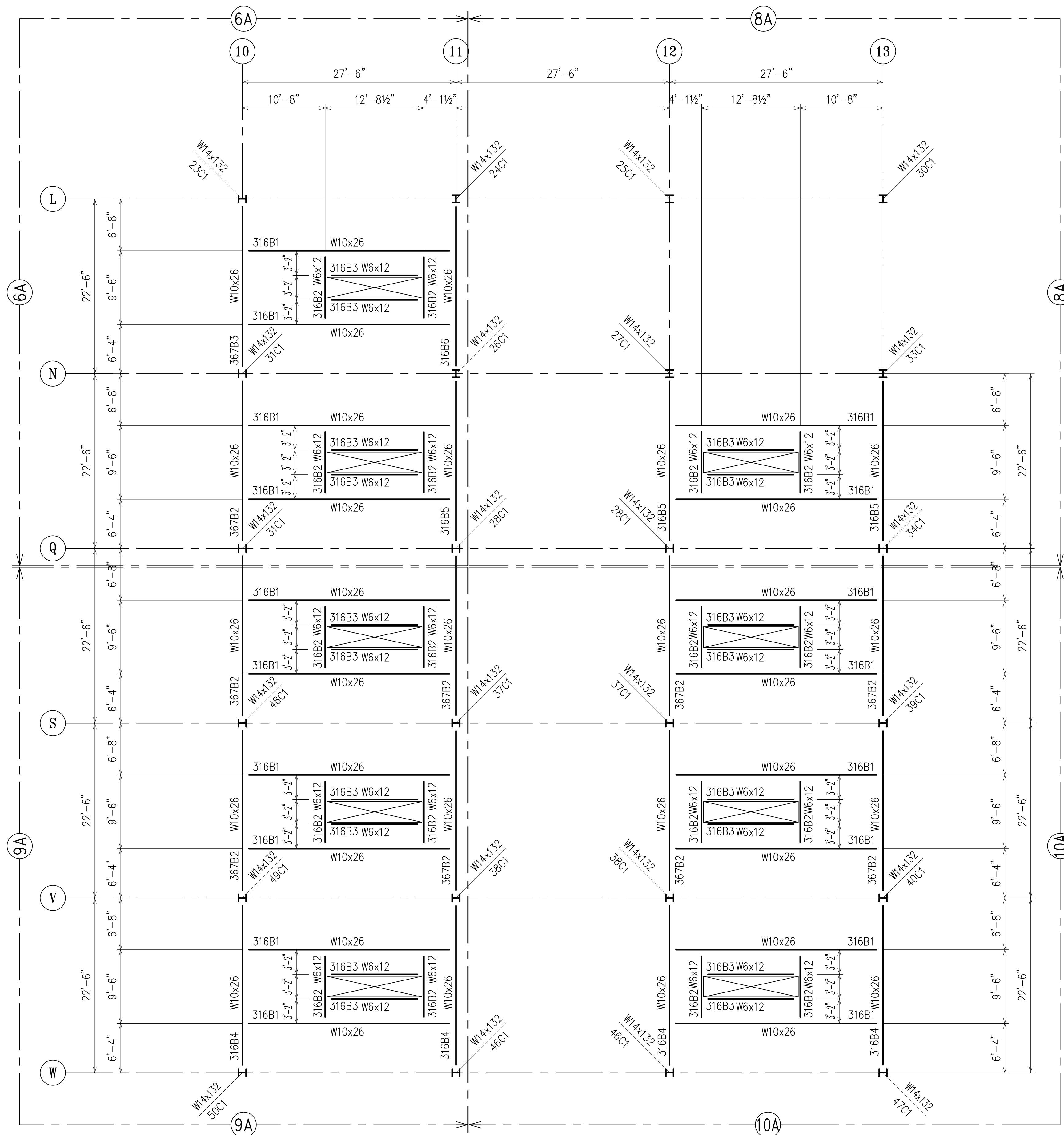
NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

SILVERITE CONSTRUCTION CO., INC. NEWTOWN CREEK W.P.C.P. WP-283 FINAL UPGRADE PROJECT NC-30G		APPROVAL/REVIEW AUTHORITY: PLEASE REVIEW THIS DRAWING CAREFULLY. IT REPRESENTS OUR INTERPRETATION OF THE INTENT OF THE CONTRACT DOCUMENTS. HOWEVER, THE STEEL FABRICATOR AND THE STRUCTURAL STEEL DETAILER ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN ON THIS DRAWING. THIS IS THE RESPONSIBILITY OF THE BUYER.	
DATE:	2/12/03	IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN HEREIN HAS THE AFFIRMATION OF THE APPROVAL AUTHORITY UNLESS NOTED TO THE CONTRARY ON THIS DRAWING WHEN IT IS RETURNED FROM APPROVAL.	
CONTRACT NUMBER:	NC-30G		
ITEM:	STEEL FRAMING PLAN SOUTH BUILDING	SUBSEQUENT CHANGES TO INFORMATION SHOWN ON THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE CONSIDERED AS CONTRACT CHANGES.	
SPECIFICATION SECTION:	05120		
PAGE NO.:	321 THRU 836	ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.	
PARA NO.:	2.01		
DRAWING NO.:	30G-315-01 THRU 30G-315-58		
LOCATION:	MAIN BLDG. SOUTH		
MANUFACTURER:	WEIR WELDING		
SUBMITTAL NO.:	05120-042		
APPROVED BY:	SV		

PAINT	ONE SHOP COAT U/NOTED		1/24	PER APPROVAL		5/23	FOR FIELD (SQ07-58)
MATERIAL	GR.50 U/NOTED		7/9	PER APPROVAL		5/23	FOR FIELD (SQ07-58)
HOLES	15/16" U/NOTED		5/3	PER CHECK		3/5	FOR FIELD (SQ05-26)
ELECTRODES	E70XX		1/18	ADD. MARK		2/07	PER CHECK
TOTAL WEIGHT			NO	DATE		NO	DATE
DIAG. REF #							
				REVISIONS			

WEIR WELDING CO. INC.

DRAFTER	Yus	NC-30G		CONTRACT NO.	S-615
DATE	08/21/01			DWG NO.	E9-S
CHECKED	D5	MAIN BUILDING SOUTH			
DATE	3/5/03				



NOTES : 1. T.O.S. ELEVATION TO BE (+11'-10") U.N.O. TAKEN FROM
DATUM FIN. FLOOR EL. 0'-0" (ACTUAL +15'-0")

2. ALL STEEL TO BE ASTM A572 GR. 50 U.N.O.
ALL TUBE STEEL TO BE A500 GR.B U.N.O.
ALL PIPE STEEL TO BE ASTM A53, GR.B U.N.O.

3. ALL BOLTS TO BE ¾" Ø ASTM A325 TYPE N

4. INDICATES MOMENT CONNECTION.

5. INDICATES BEAM TO BE ENCASED IN CONCRETE

6. ALL COLUMNS TO BE ENCASED IN CONCRETE FOR FULL HEIGHT OF COLUMN U.N.O.

7. ALL BEAMS @ THIS ELEVATION ARE TO BE PAINTED O.S.C.
"SHERMAN WILLIAMS" COPOXY SHOP PRIMER-RED.

**NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS**

DRAWING WHEN IT IS RETURNED FROM APPROVAL.

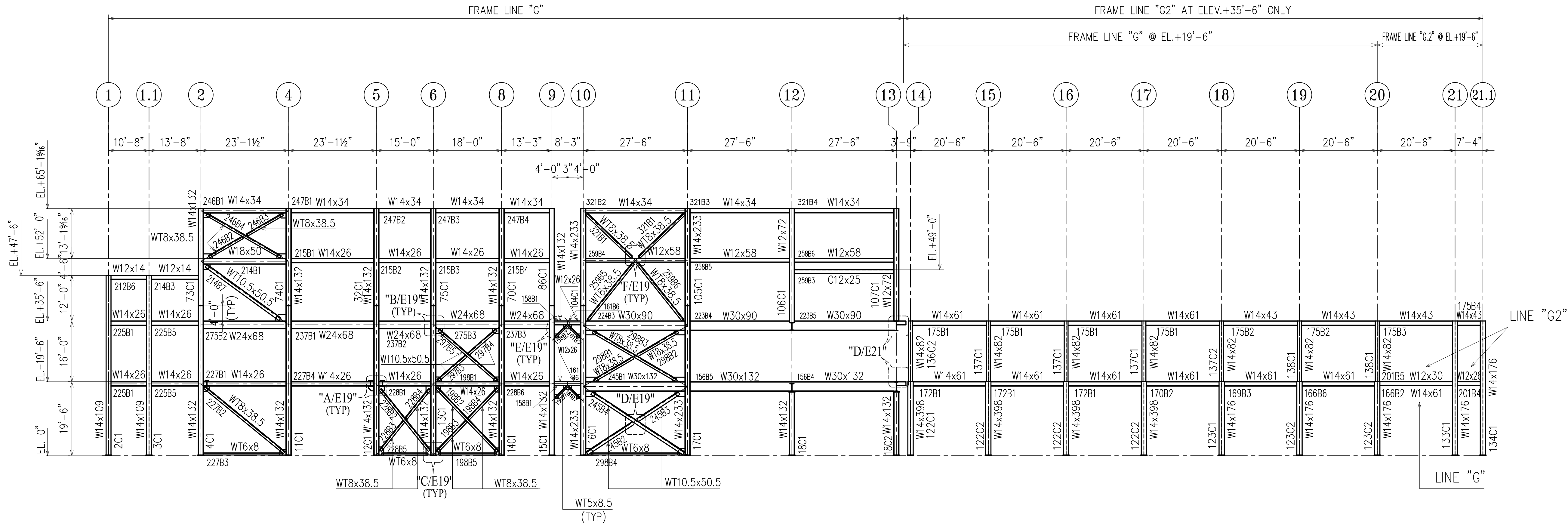
SUBSEQUENT CHANGES TO INFORMATION SHOWN ON
THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE
CONSIDERED AS CONTRACT CHANGES.

ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

PAINT	ONE SHOP COAT U/NOTED	△	01/08	PER TC BOLT NOTE			
MATERIAL	GR.50 U/NOTED	△	7/9	PER APPROVAL			
HOLES	15/16" U/NOTED	△	1/18	ADD MARKING			
ELECTRODES	E70XX	△	12/31	PER CHECK	△	3/5	FOR FIELD (SEE 5-26)
TOTAL WEIGHT		NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
DIAG. REF #	REVISIONS						

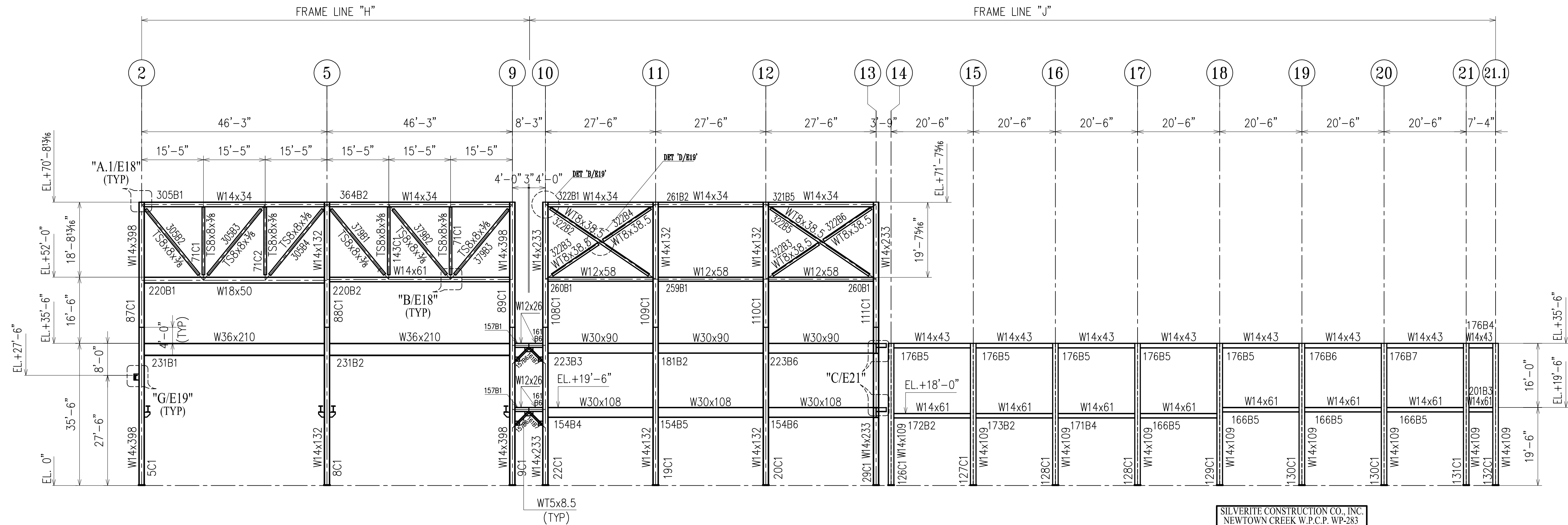
WEIR WELDING CO. INC.

DRAFTER Yus	NC-30G		CONTRACT NO S-615
DATE 08/23/01			
CHECKED DS	MAIN BUILDING SOUTH		DWG NO E11-S
DATE 3/5/03			



FRAME ELEVATION LINE G & G2

(REF. SHT. #315)



FRAME ELEVATION LINE H & J

(REF. SHT. #315)

ERECTORS NOTE:
1"Ø A490 BOLTS ARE TO BE USED @ ALL
TS8x8x3/8 DIAG. BRACE CONN'S.

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

APPROVAL/REVIEW AUTHORITY:
PLEASE REVIEW THIS DRAWING CAREFULLY.
IT REPRESENTS OUR INTERPRETATION OF THE INTENT OF
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ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

SILVERITE CONSTRUCTION CO. INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

DATE: 2/12/03
CONTRACT NUMBER: NC-30G
ITEM: PLANS
SPECIFICATION SECTION: 05120
PAGE NO.: 871 THRU 876
PARA NO.: 1
DRAWING NO.: 30G-315-01 THRU 30G-315-58
LOCATION: MAIN BUILDG. SOUTH
MANUFACTURER: KALSI-JEKA
SUBMITTAL NO.: WEIR WELDING
APPROVED BY: SV

DRAWINGS PREPARED BY:

DIVISION FIVE DETAILING INC.

1770 Gallagher Drive

Vineland, New Jersey 08360

Phone: (856) 794-9474

Fax: (856) 696-2027

PAINT	ONE SHOP COAT U/NOTED	7/9	PER APPROVAL	1/24	PER APPROVAL		
MATERIAL	A572 GD.50 U/NOTED	6/03	PER CHECK	11/19	PER APPROVAL(1104		
HOLES	15/16" U/NOTED	1/18	ADD. MARK	9/16	PER CHECK		
ELECTRODES	E70XX	12/31	PER CHECK	9/06	PER CHECK		
TOTAL WEIGHT		NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
DIAG. REF #		REVISIONS					

WEIR WELDING CO. INC.

DRAFTER	AF	NC-30G	CONTRACT NO
DATE	08/14/01		S-615
CHECKED	JIBII	MAIN BUILDING SOUTH	DWG NO
DATE	1/30/02		E12-S



DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey	08360
Phone: (856) 794-9474	
Fax: (856) 696-2027	

WEIR WELDING CO. INC.		
DRAFTER YG	NC-30G	CONTRACT NO S-615
DATE 08/22/01		
CHECKED JBIII	MAIN BUILDING SOUTH	DWG NO E14-S
DATE 1/30/02		



APPROVAL/REVIEW AUTHORITY:
PLEASE REVIEW THIS DRAWING CAREFULLY.
IT REPRESENTS OUR INTERPRETATION OF THE INTENT OF
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FABRICATOR AND THE STRUCTURAL STEEL DETAILER
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INFORMATION SHOWN ON THIS DRAWING. THIS IS THE
RESPONSIBILITY OF THE BUYER.

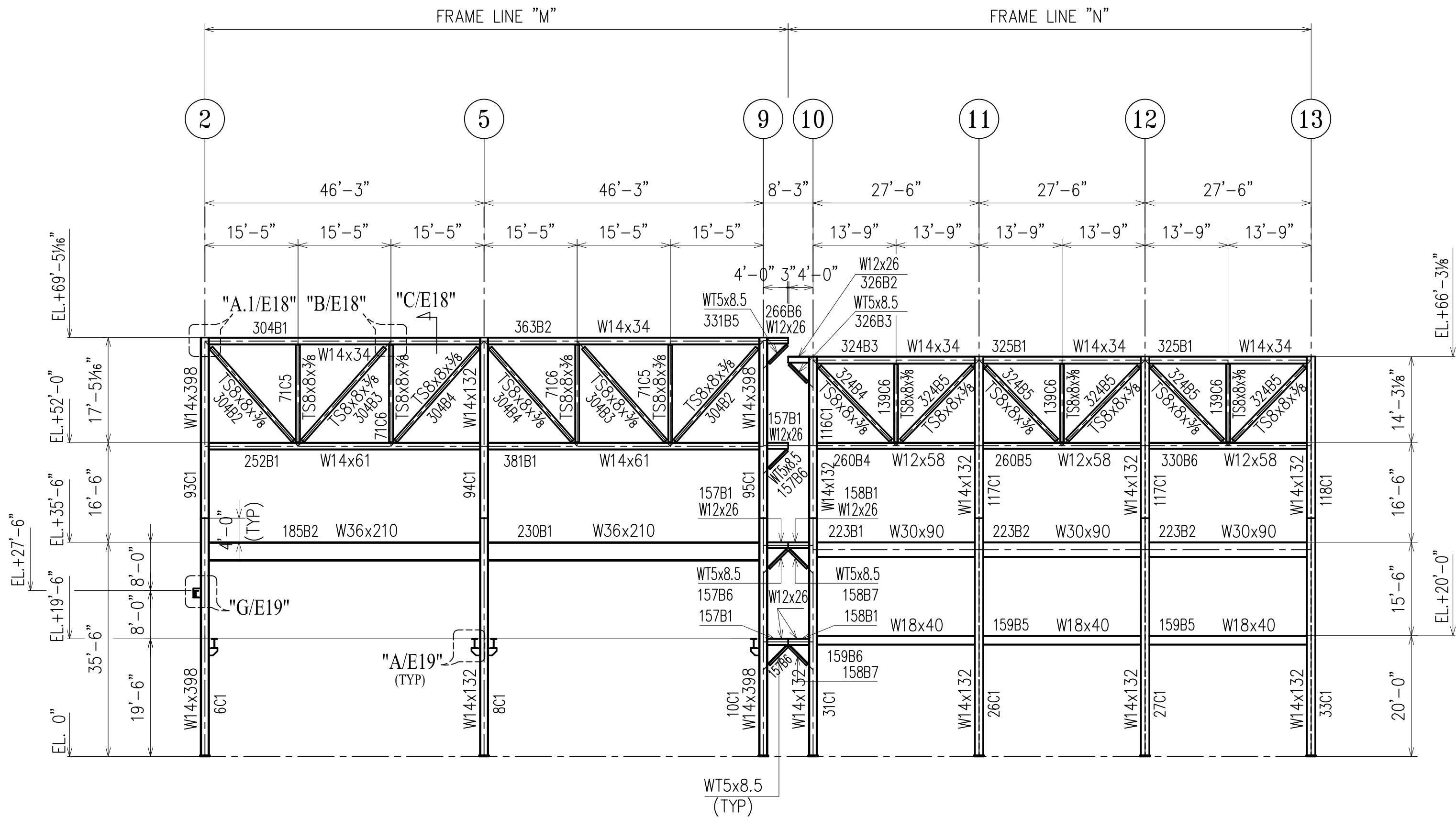
IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN
ON THIS DRAWING AFTER THE DATE OF APPROVAL
AUTHORITY UNLESS NOTED TO THE CONTRARY ON THIS
DRAWING WHEN IT IS RETURNED FROM APPROVAL.

SUBSEQUENT CHANGES TO INFORMATION SHOWN ON
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CONSIDERED AS CONTRACT CHANGES.

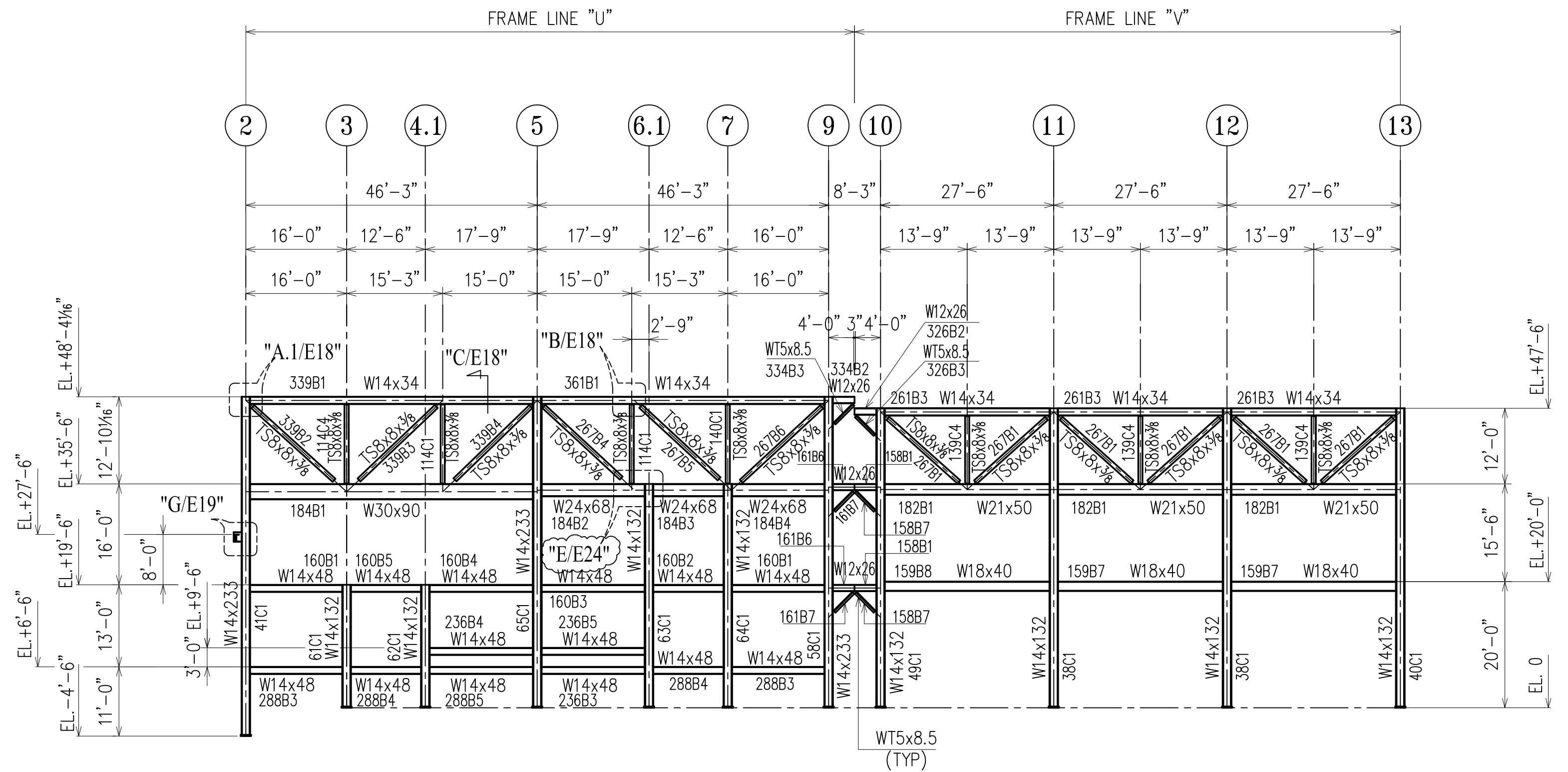
ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey 08360	
Phone: (856) 794-9474	
Fax: (856) 696-2027	

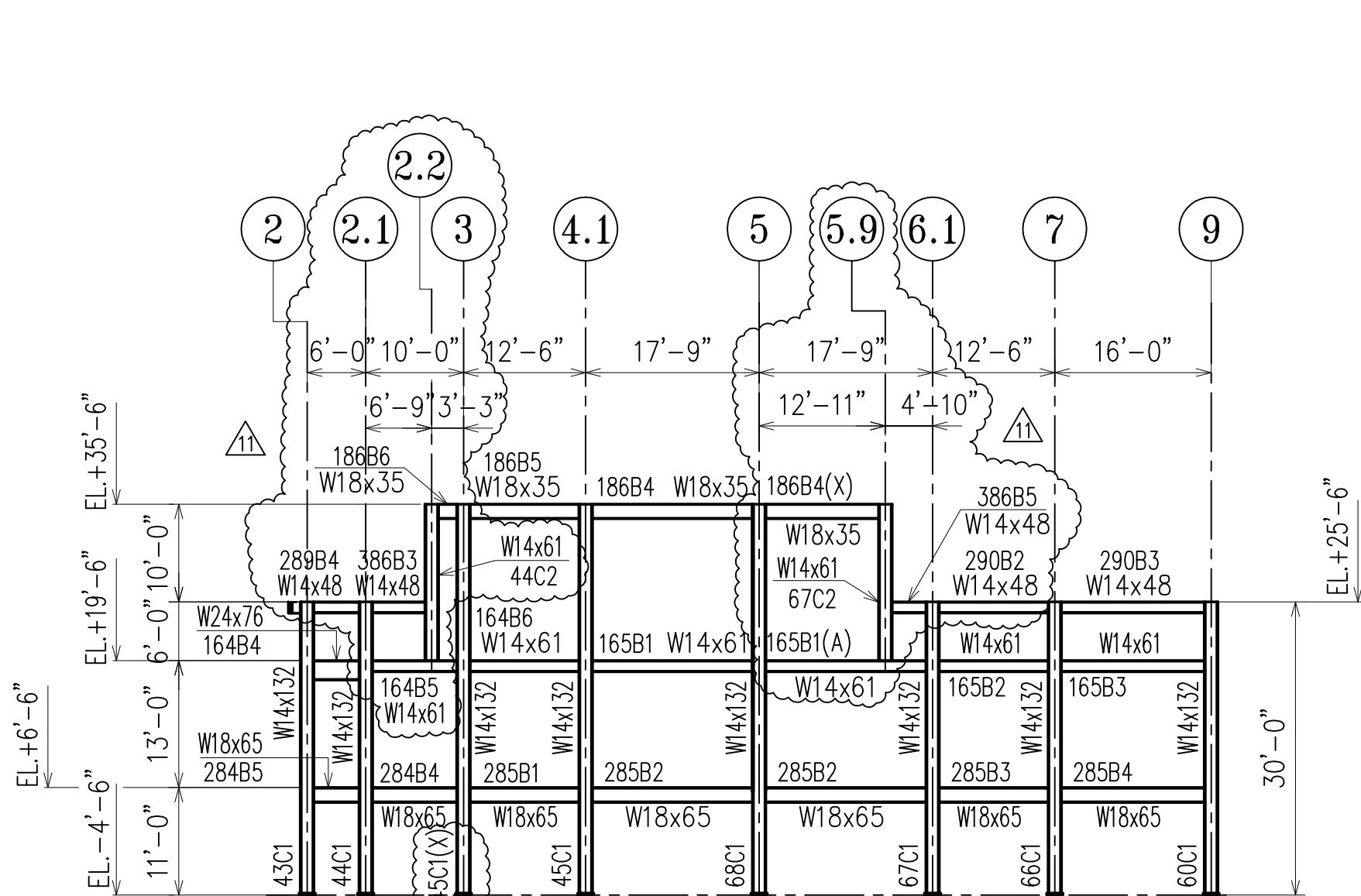
PAINT	ONE SHOP COAT U/NOTED		7/9	PER APPROVAL		2/07	PER CHECK
MATERIAL	A572 GD.50 U/NOTED		6/03	PER CHECK		1/24	PER APPROVAL
HOLES	15/16" U/NOTED		1/18	ADD. MARK		9/16	PER CHECK
ELECTRODES	E70XX		12/31	PER CHECK		9/06	PER CHECK
TOTAL WEIGHT		NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
DIAG. REF #	REVISIONS						
WEIR WELDING CO. INC.							
DRAFTER AF	NC-30G						CONTRACT NO
DATE 08/14/01							S-615
CHECKED JBIH	MAIN BUILDING SOUTH						DWG NO
DATE 1/30/02							E15-S



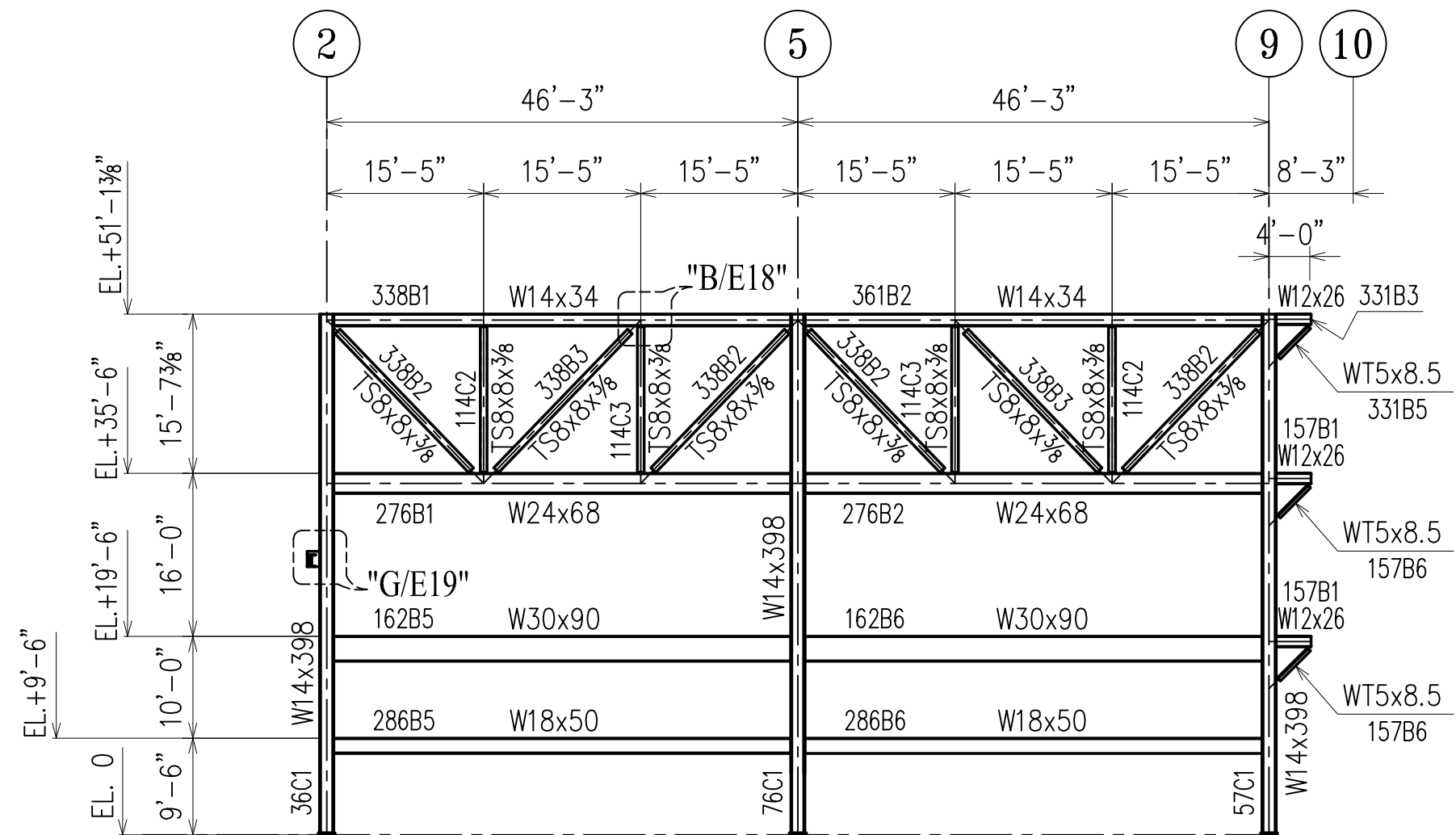
FRAME ELEVATION LINE M & N



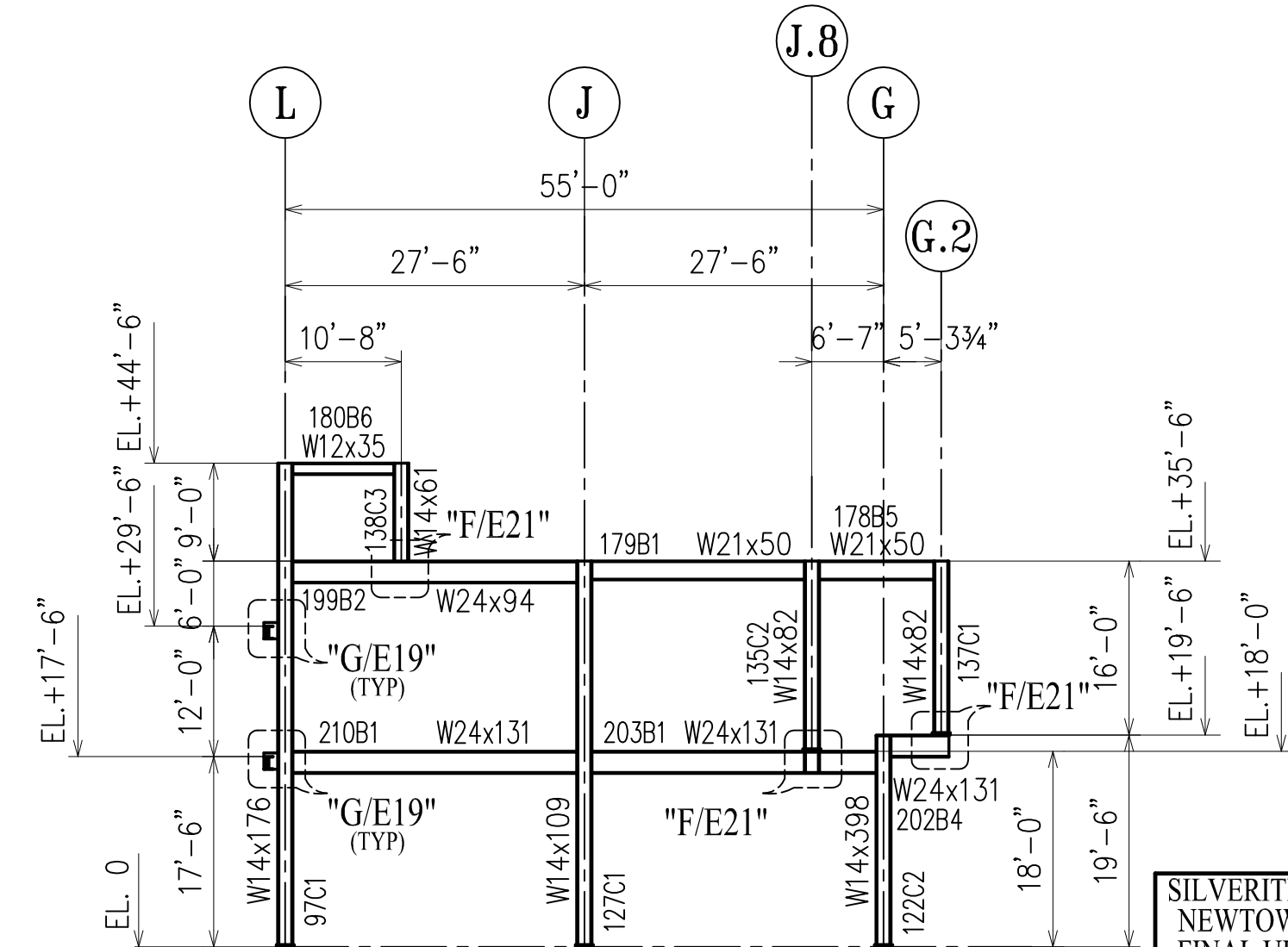
FRAME ELEVATION LINE U & V



FRAME ELEVATION LINE X



FRAME ELEVATION LINE T



FRAME ELEVATION LINE 15

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

APPROVAL/REVIEW AUTHORITY:
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ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

DATE: 08/12/20
CONTRACT NUMBER: NC-30G
ITEM: PLANS
SPECIFICATION SECTION: 821 THRU 836
PAGE NO.: 2/01
PARA NO.: 30G-315-01 THRU 30G-315-58
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING
APPROVED BY:

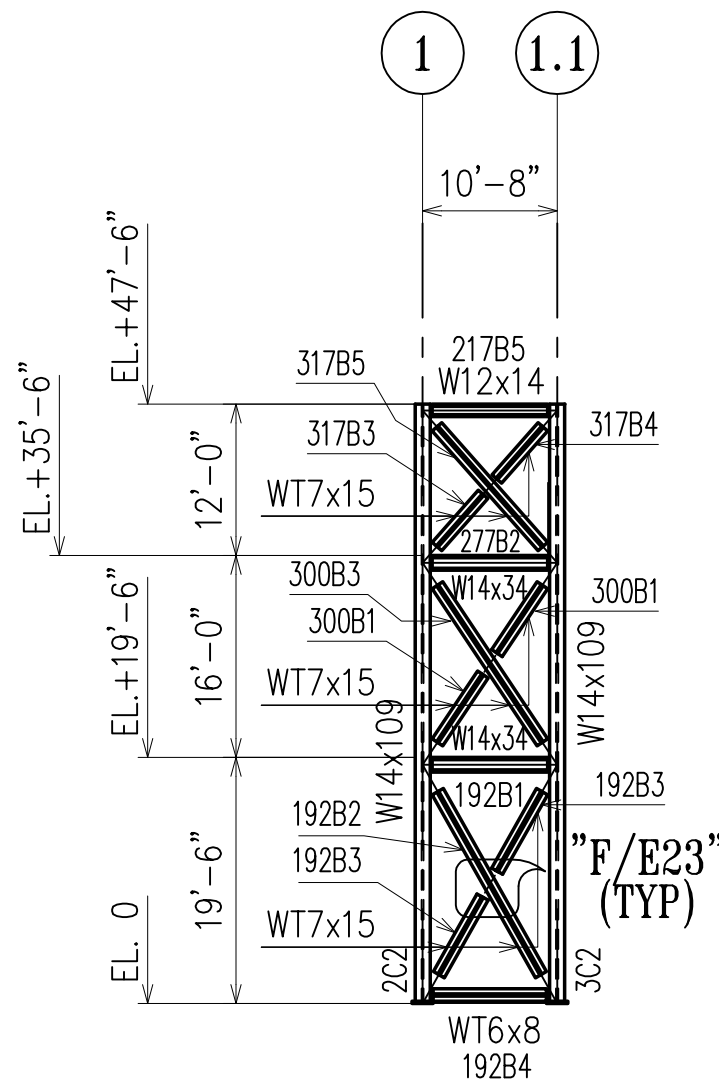
6/9 CHANGE ORDER 30G-049
5/23 FOR FIELD (REQ#27-58)
3/5 FOR FIELD (REQ#5-26)

DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey 08360	
Phone: (856) 794-9474	
Fax: (856) 696-2027	

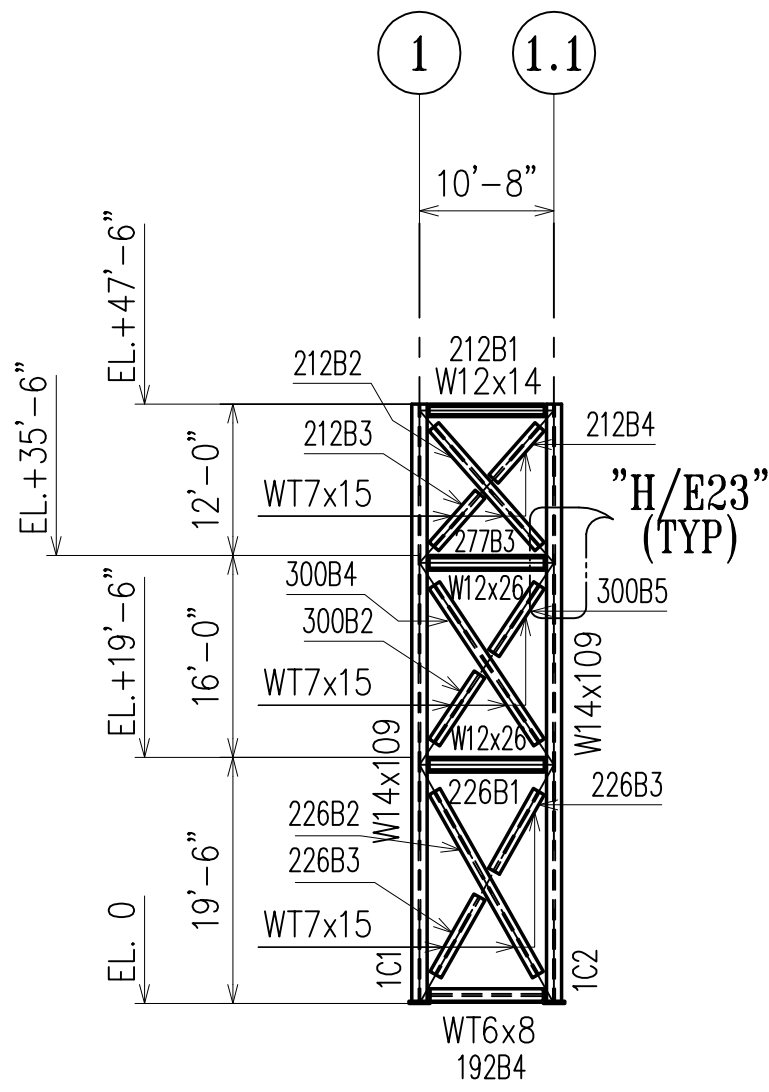
PAINT	ONE SHOP COAT U/NOTED	9/06	PER CHECK	2/10	PER ENGINEER		
MATERIAL	A572 GD.50 U/NOTED	7/9	PER APPROVAL	2/07	PER CHECK		
HOLES	15/16" U/NOTED	6/03	PER CHECK	1/24	PER APPROVAL		
ELECTRODES	E70XX	1/18	ADD. MARK	11/19	PER APPRVL(1104)		
TOTAL WEIGHT		NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
DIAG. REF #		REVISIONS					

WEIR WELDING CO. INC.

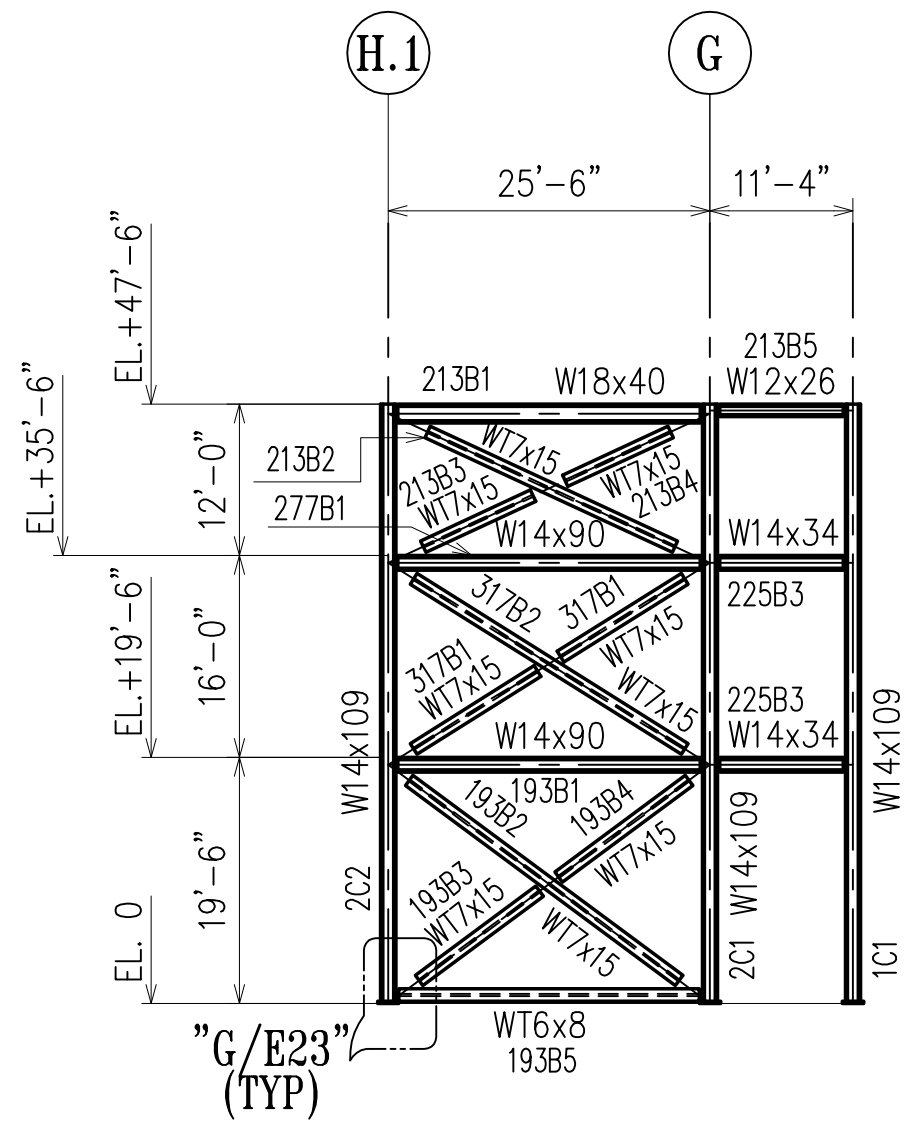
DRAFTER	AF	NC-30G	CONTRACT NO.
DATE	08/14/01		S-615
CHECKED	JBIII	MAIN BUILDING SOUTH	DWG NO.
DATE	1/30/02		E16-S



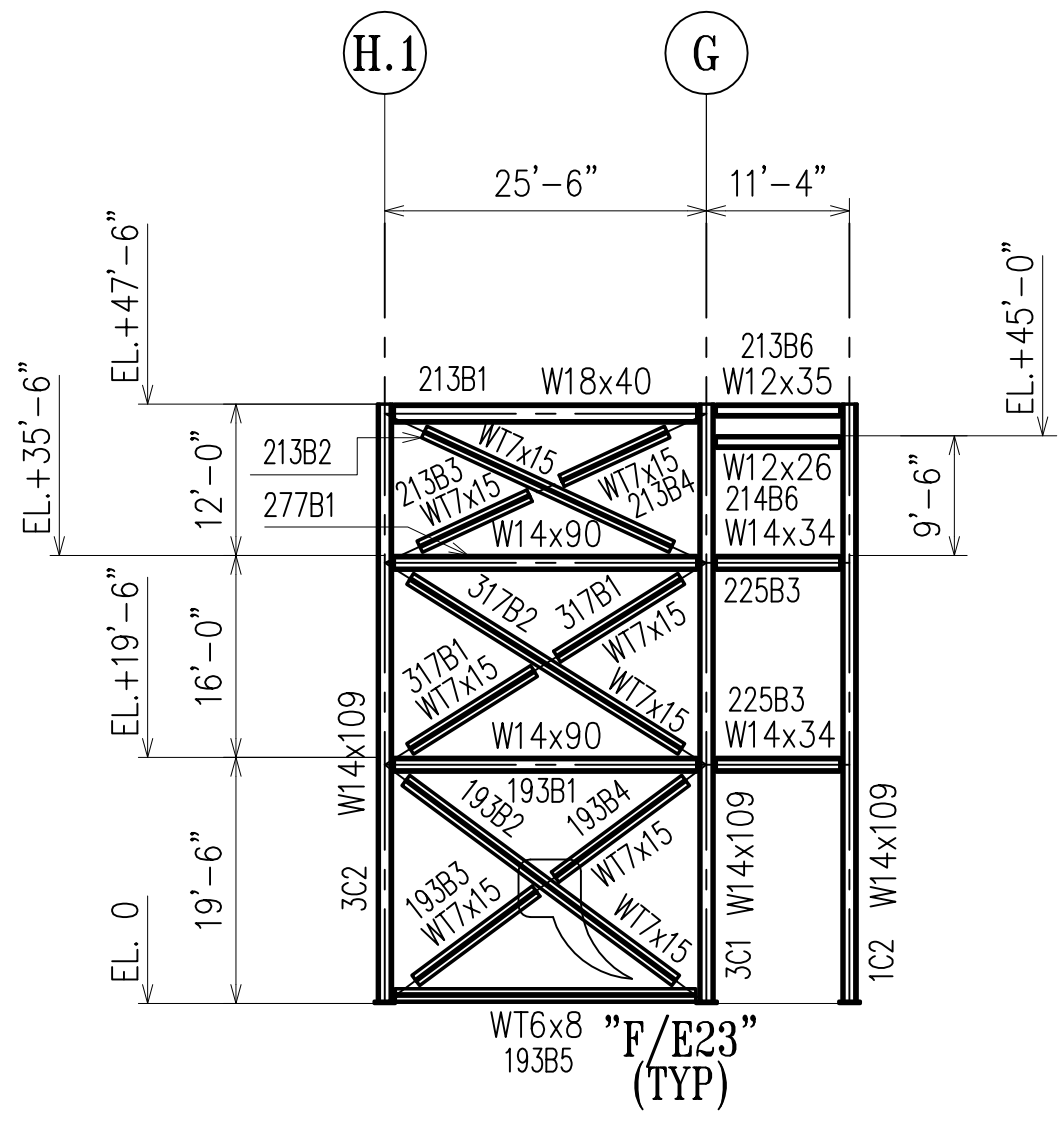
FRAME ELEVATION LINE H.1



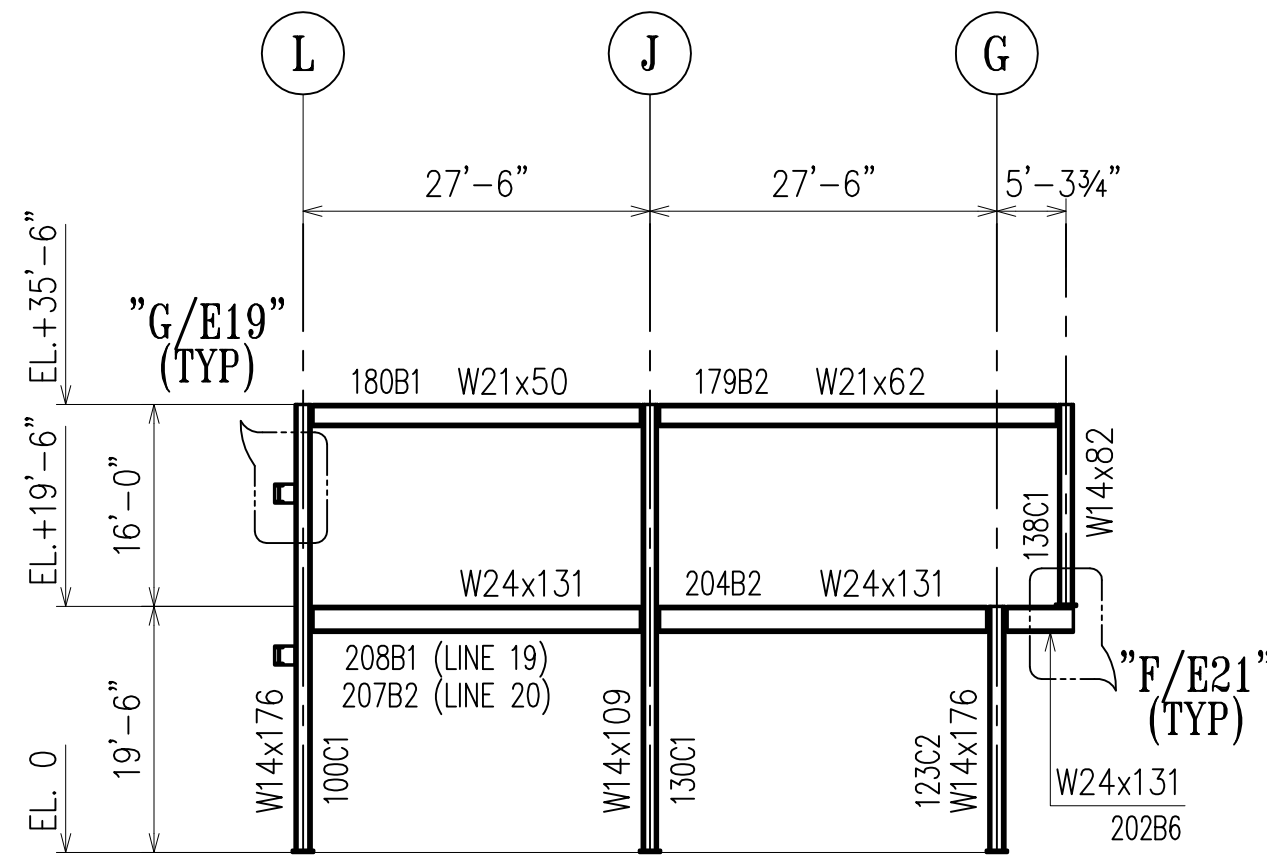
FRAME ELEVATION +11'-4" NORTH OF LINE G



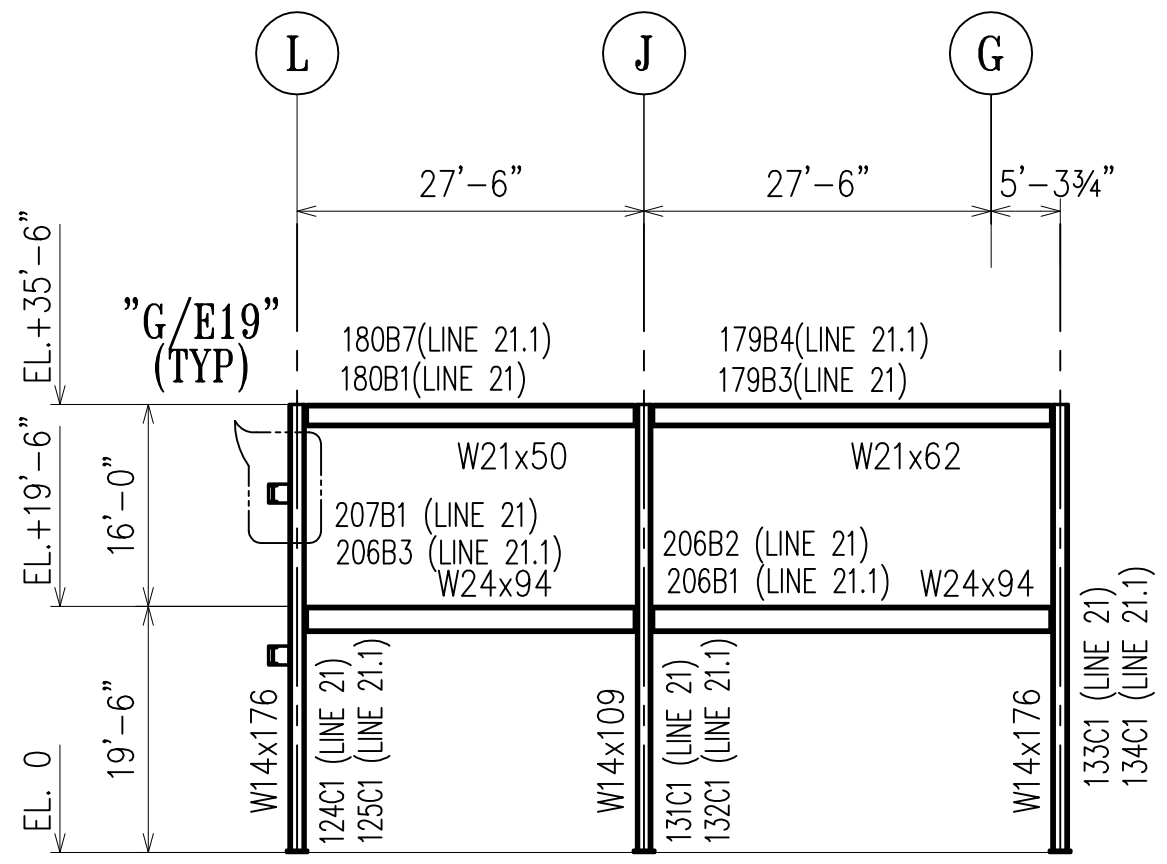
FRAME ELEVATION LINE 1



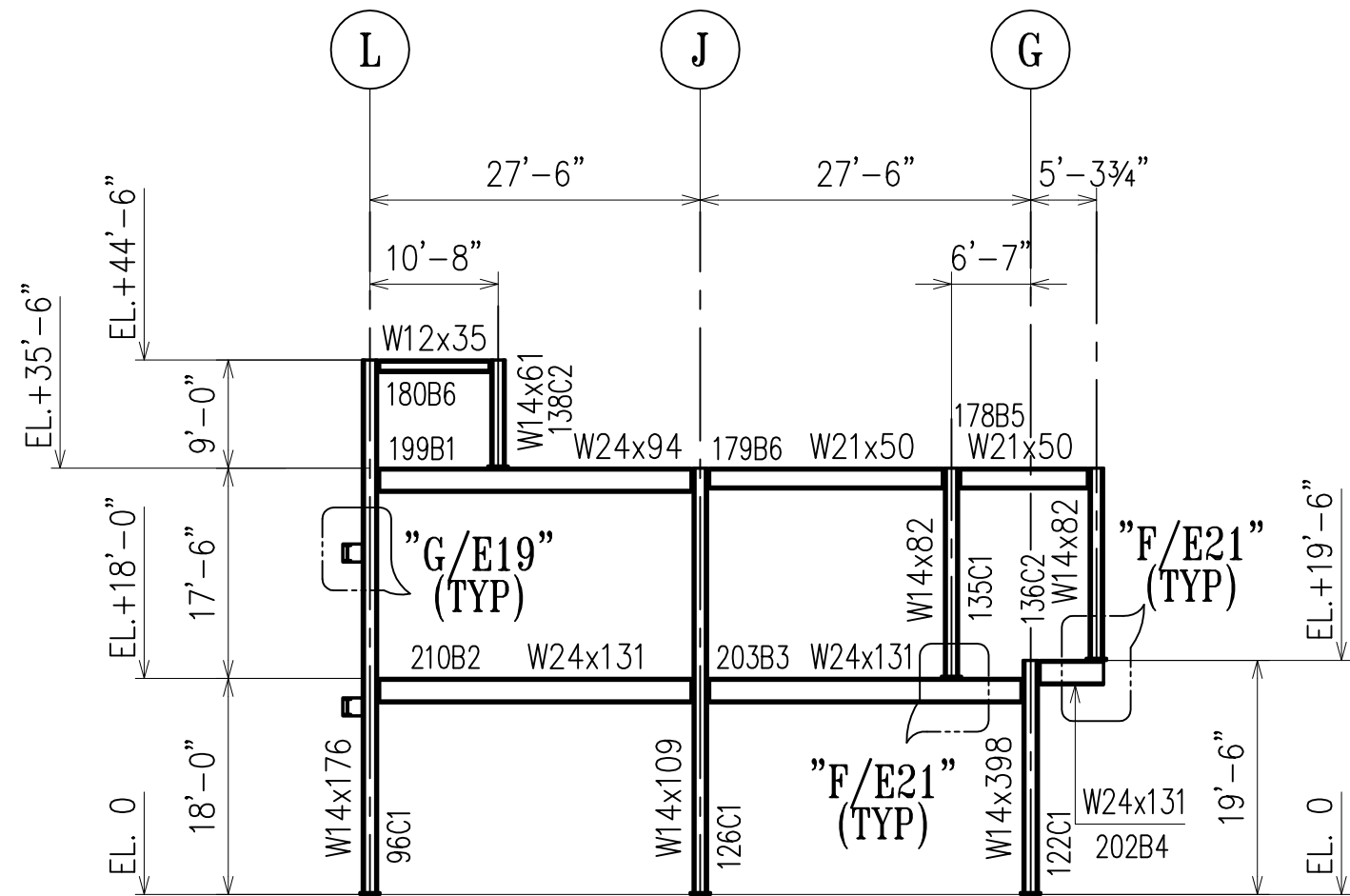
FRAME ELEVATION LINE 1.1



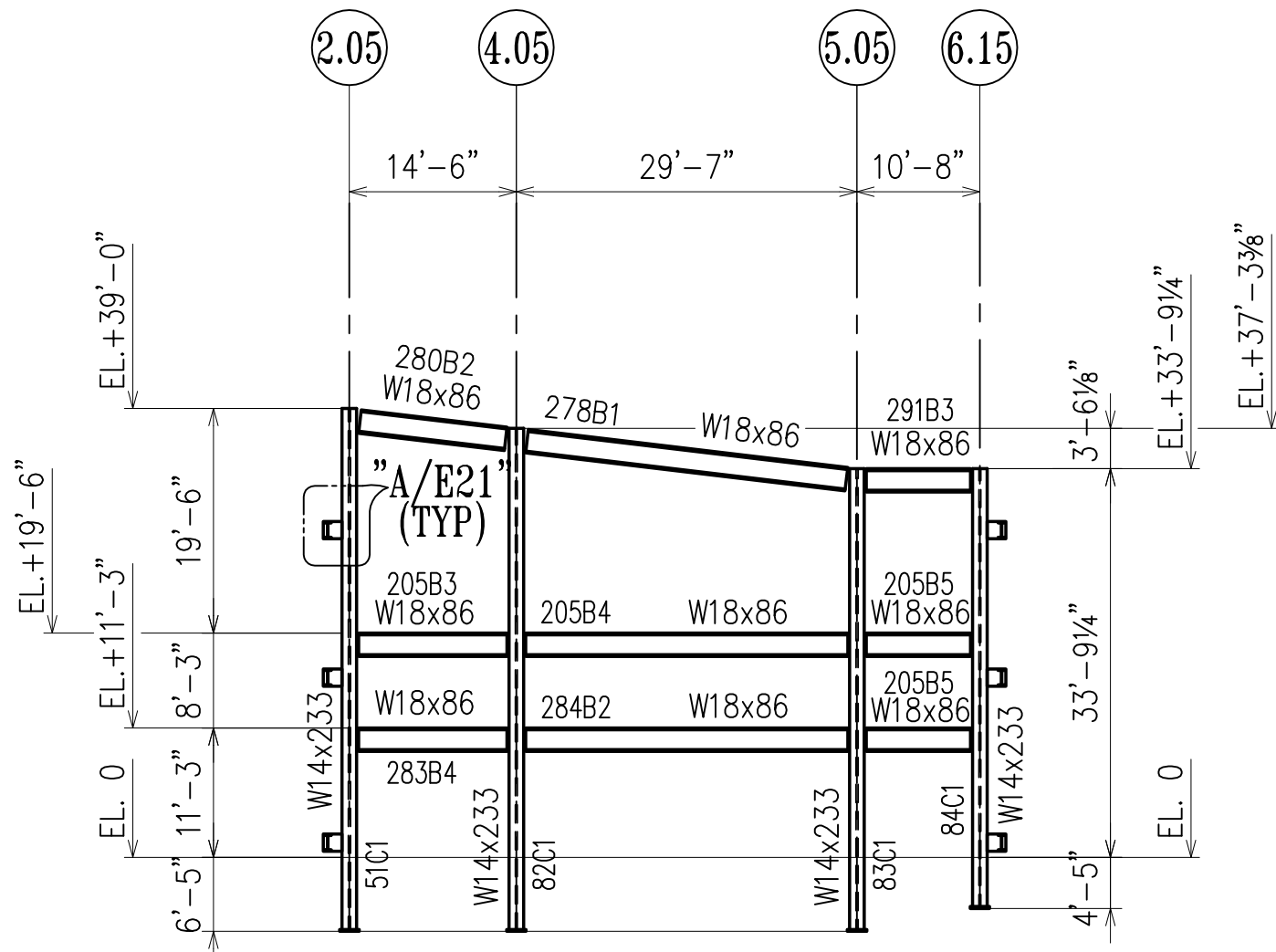
FRAME ELEVATION LINE 19 & 20



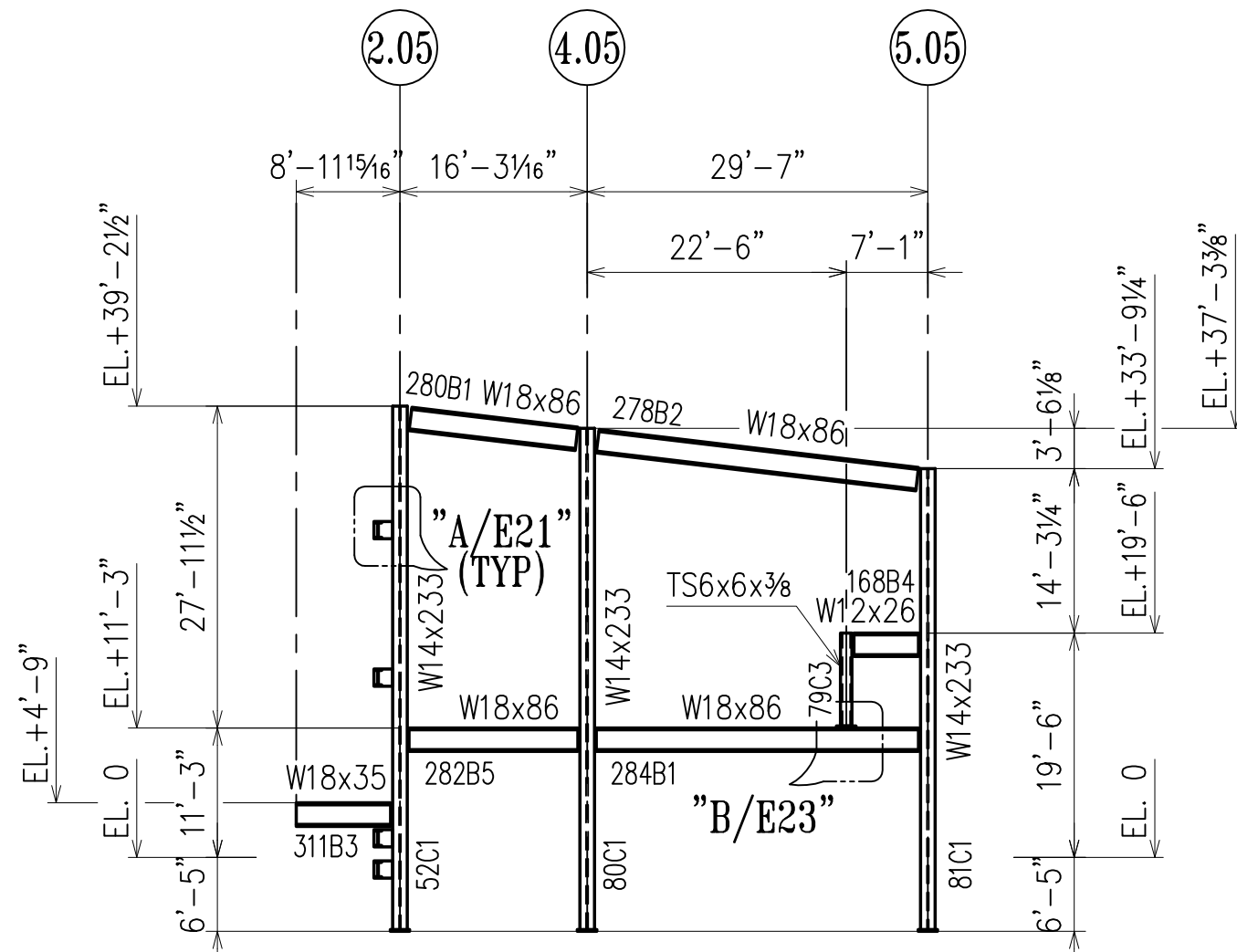
FRAME ELEVATION LINE 21 & 21.1



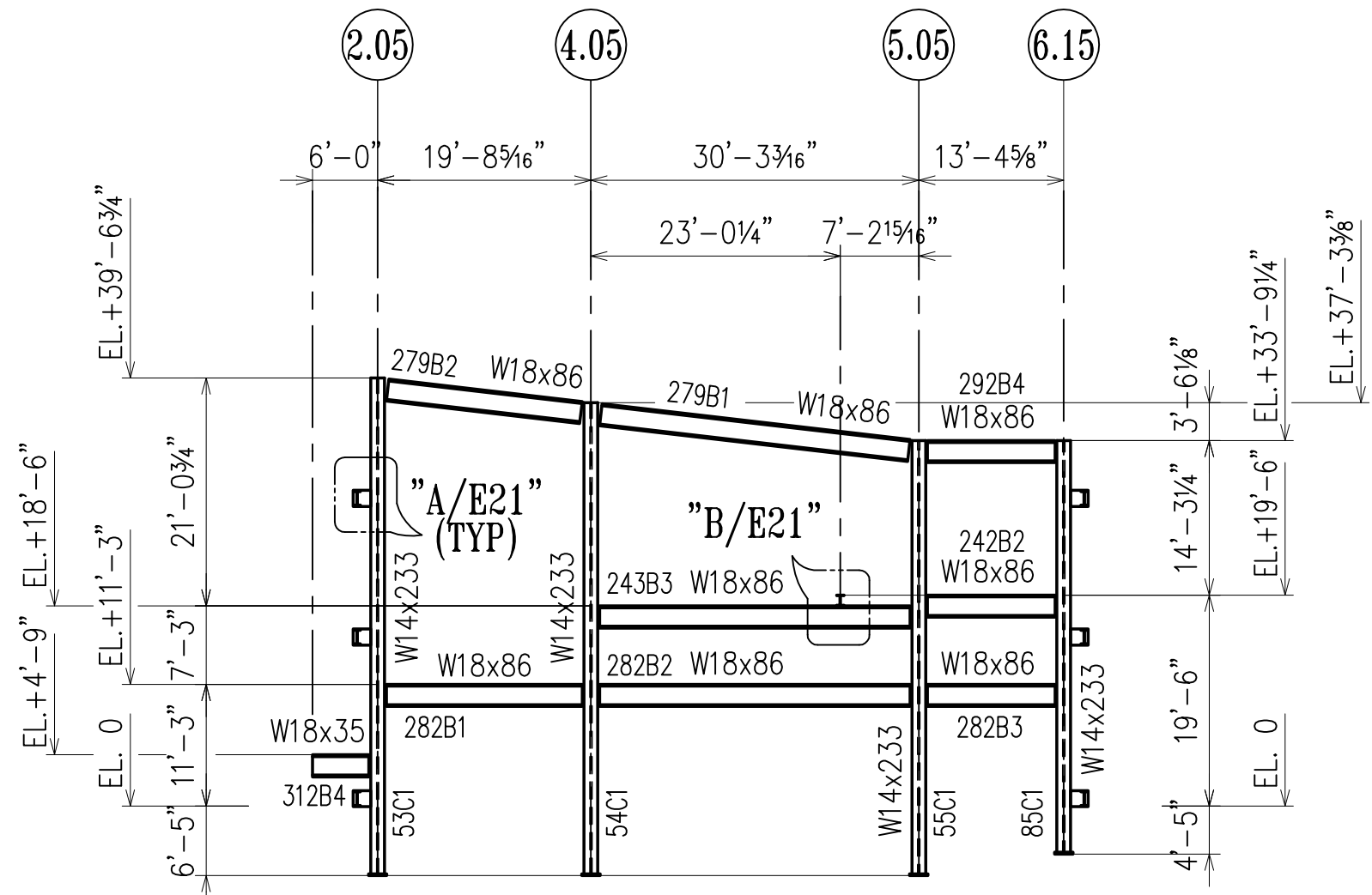
FRAME ELEVATION LINE 14



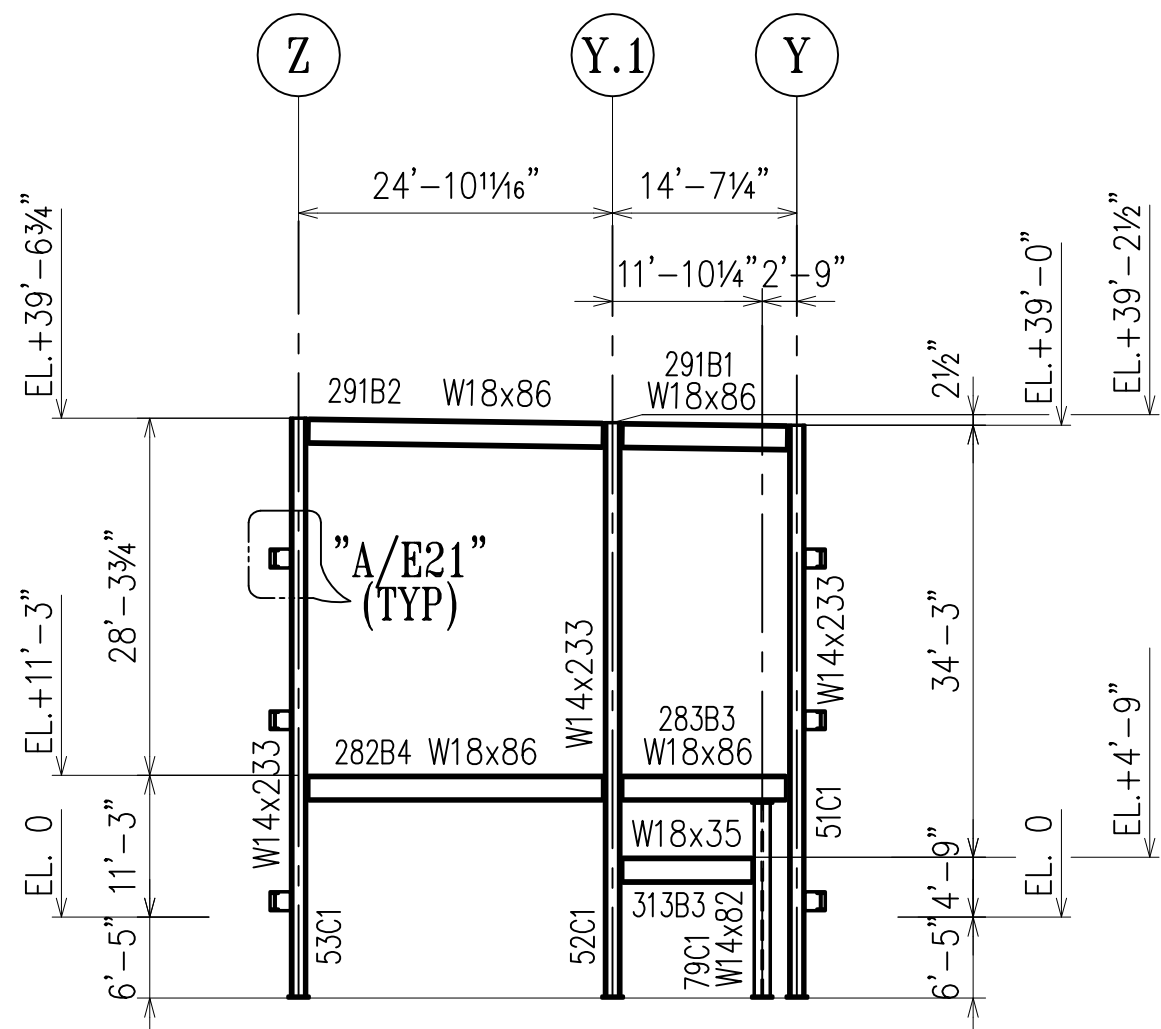
FRAME ELEVATION LINE Y



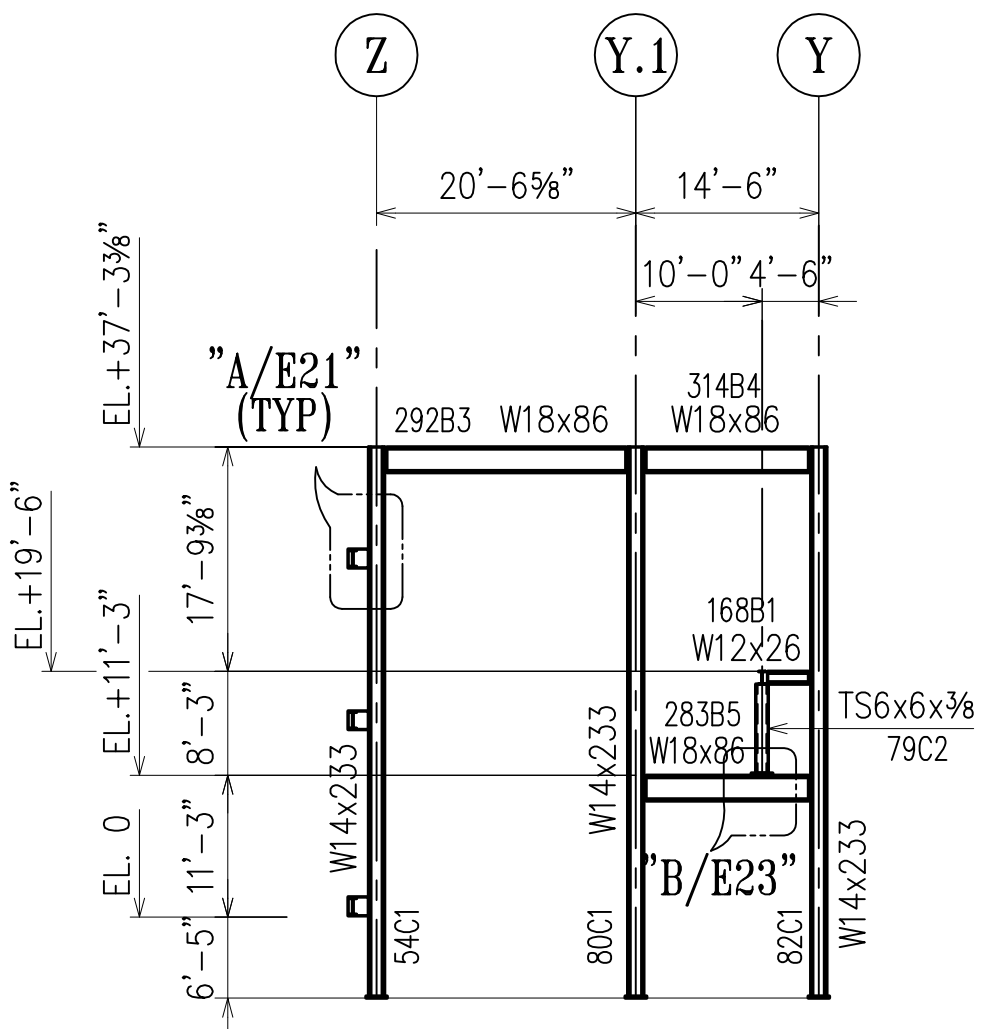
FRAME ELEVATION LINE Y.1



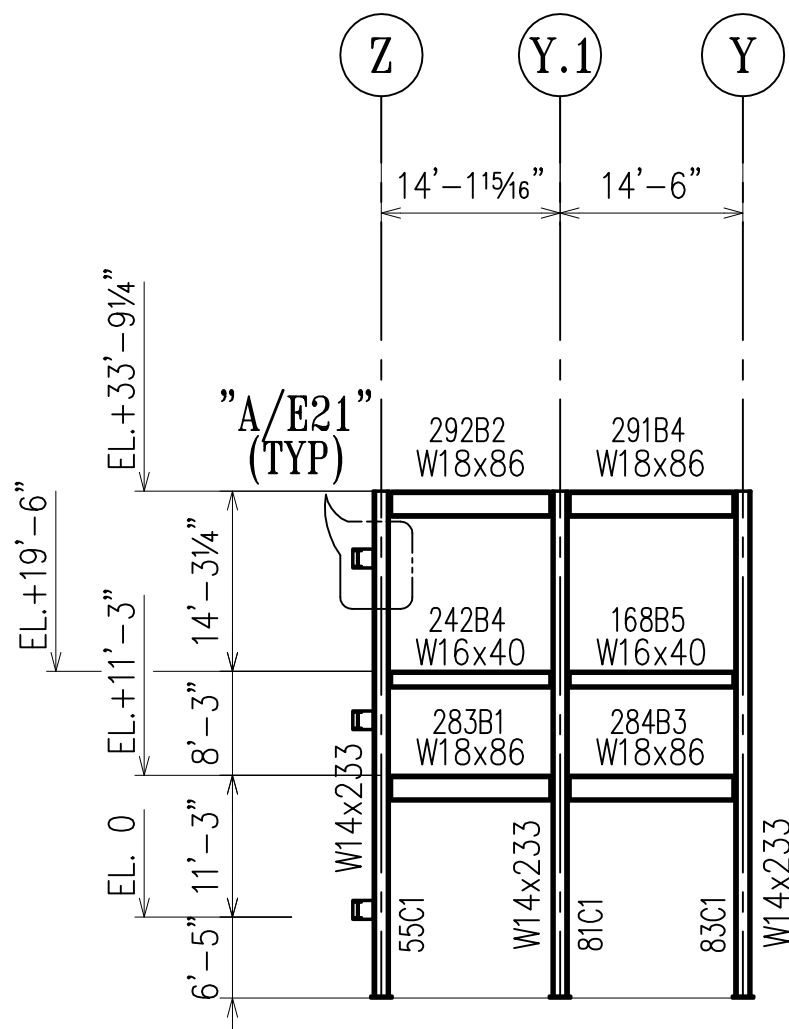
FRAME ELEVATION LINE Z



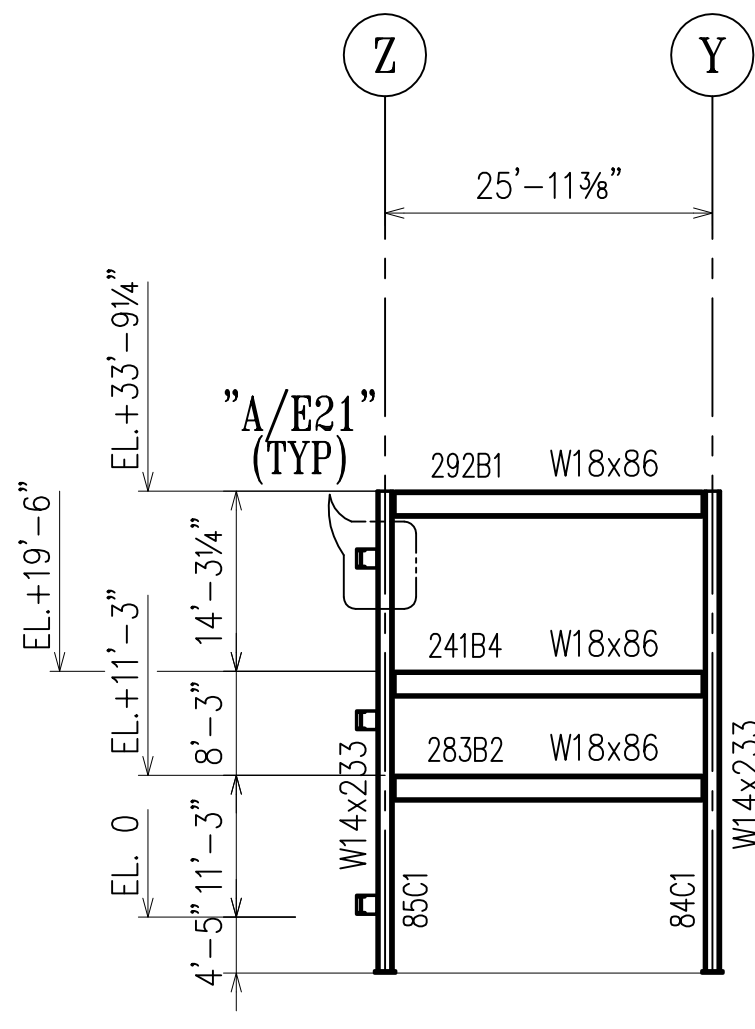
FRAME ELEVATION LINE 2.05



FRAME ELEVATION LINE 4.05



FRAME ELEVATION LINE 5.05



FRAME ELEVATION LINE 6.15

SILVERITE CONSTRUCTION CO., INC. NEWTOWN CREEK W.P.C.P. WP-283 FINAL UPGRADE PROJECT NC-30G	
DATE:	1/29/13
CONTRACT NUMBER:	NC-30G
SPECIFICATION SECTION:	FRAMING PLAN, SOUTH BUILDING
ITEM:	05120
PAGE NO.:	821 THRU 836
PARA NO.:	2.01
DRAWING NO.:	30G-31S-01 THRU 30G-31S-58
LOCATION:	MAIN BLDG. SOUTH
MANUFACTURER:	WEIR WELDING
SUBMITTAL NO.:	05120-050
APPROVED BY:	SI

DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey 08360	
Phone: (856) 794-9474	
Fax: (856) 696-2027	

PLEASE VERIFY/SUPPLY
CLOUDED DIMS

APPROVAL/REVIEW AUTHORITY:
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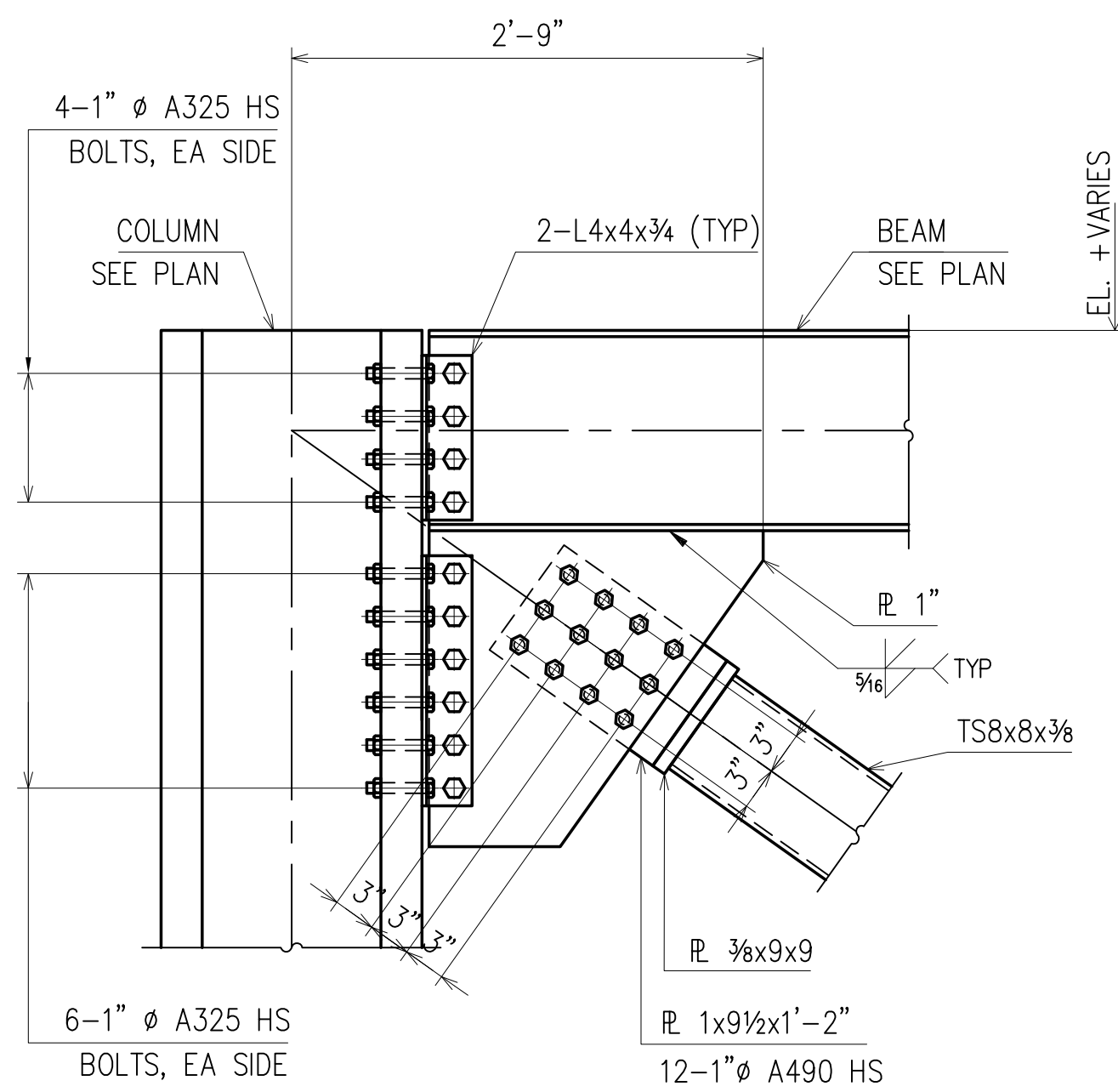
ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

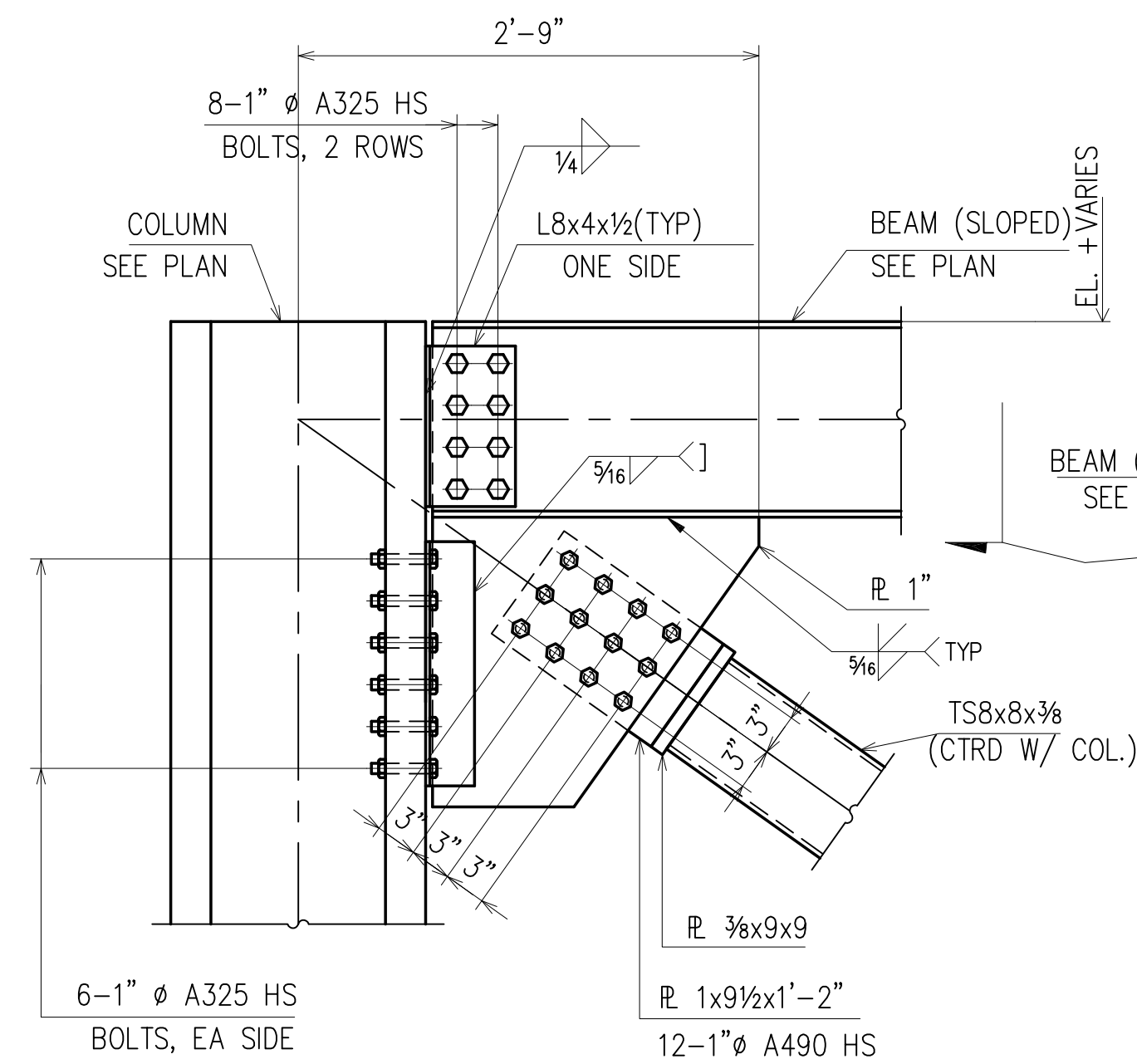
PAINT	ONE SHOP COAT U/NOTED	1/24	PER APPROVAL		
MATERIAL	A572 GD.50 U/NOTED	7/9	PER APPROVAL		
HOLES	15/16" U/NOTED	1/30	PER CHECK		
ELECTRODES	E70XX	1/18	ADD. MARK	5/23	FOR FIELD
TOTAL WEIGHT		NO DATE	DESCRIPTION	NO DATE	DESCRIPTION
DIAG. REF #					

WEIR WELDING CO. INC.

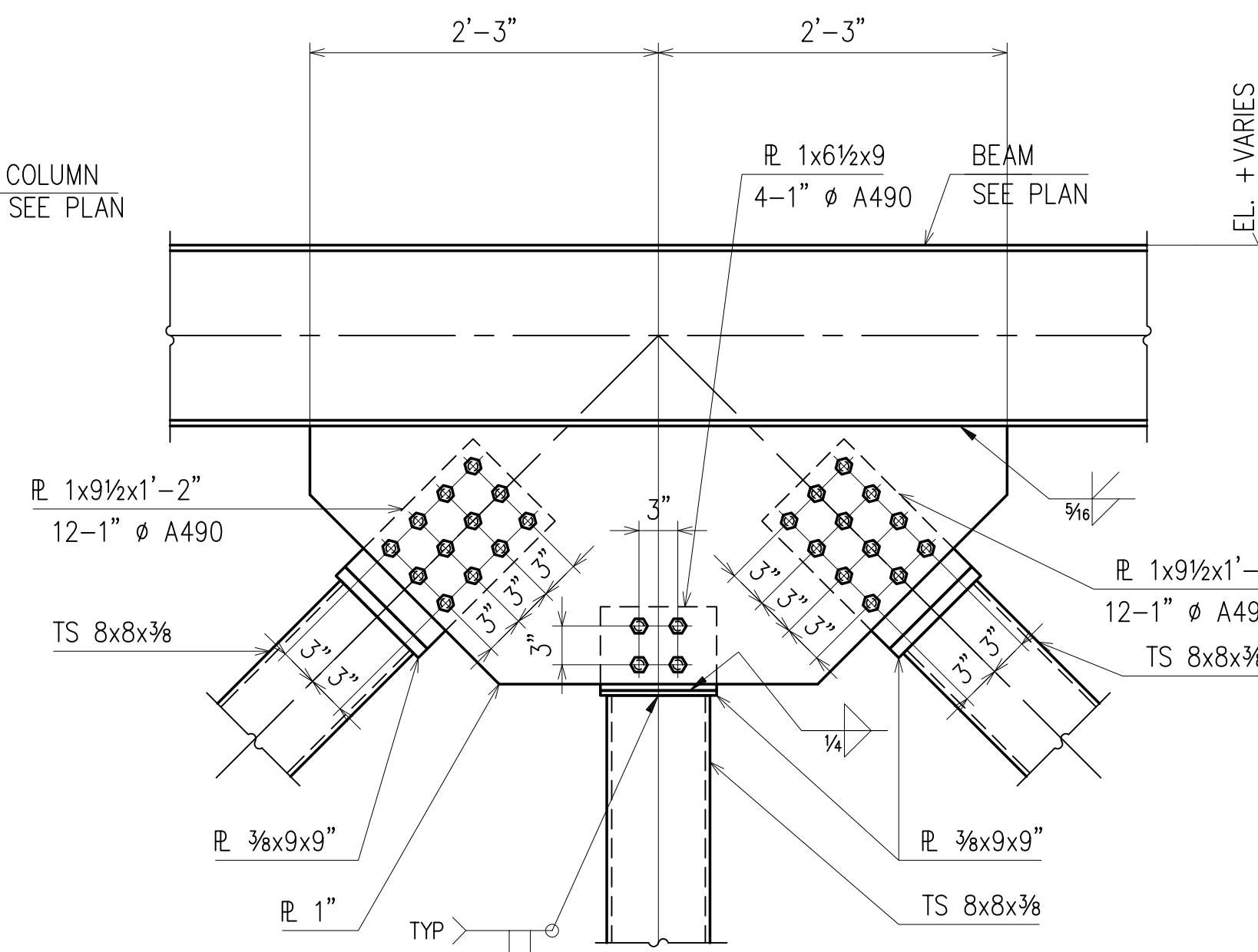
DRAFTER	YG	NC-30G	CONTRACT NO.	S-615
DATE	08/24/01		DWG NO.	E17-S
CHECKED	JIBI	MAIN BUILDING SOUTH		
DATE	1/30/02			



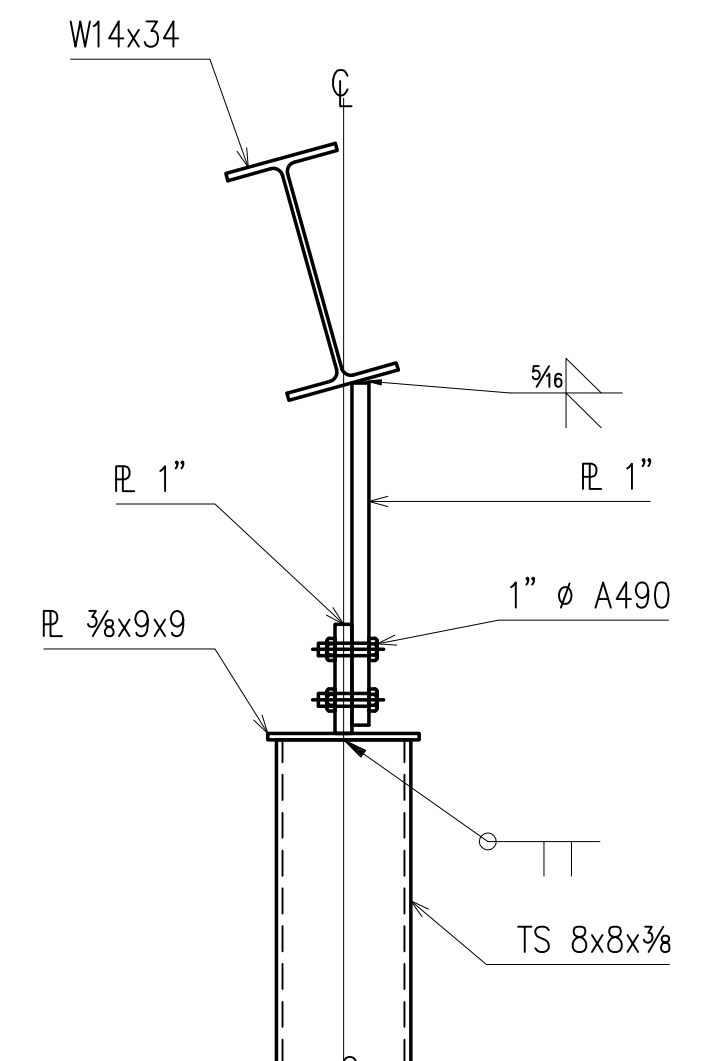
DETAIL **A**
SHEETS: E12, E18
E13, E14, E15, E16



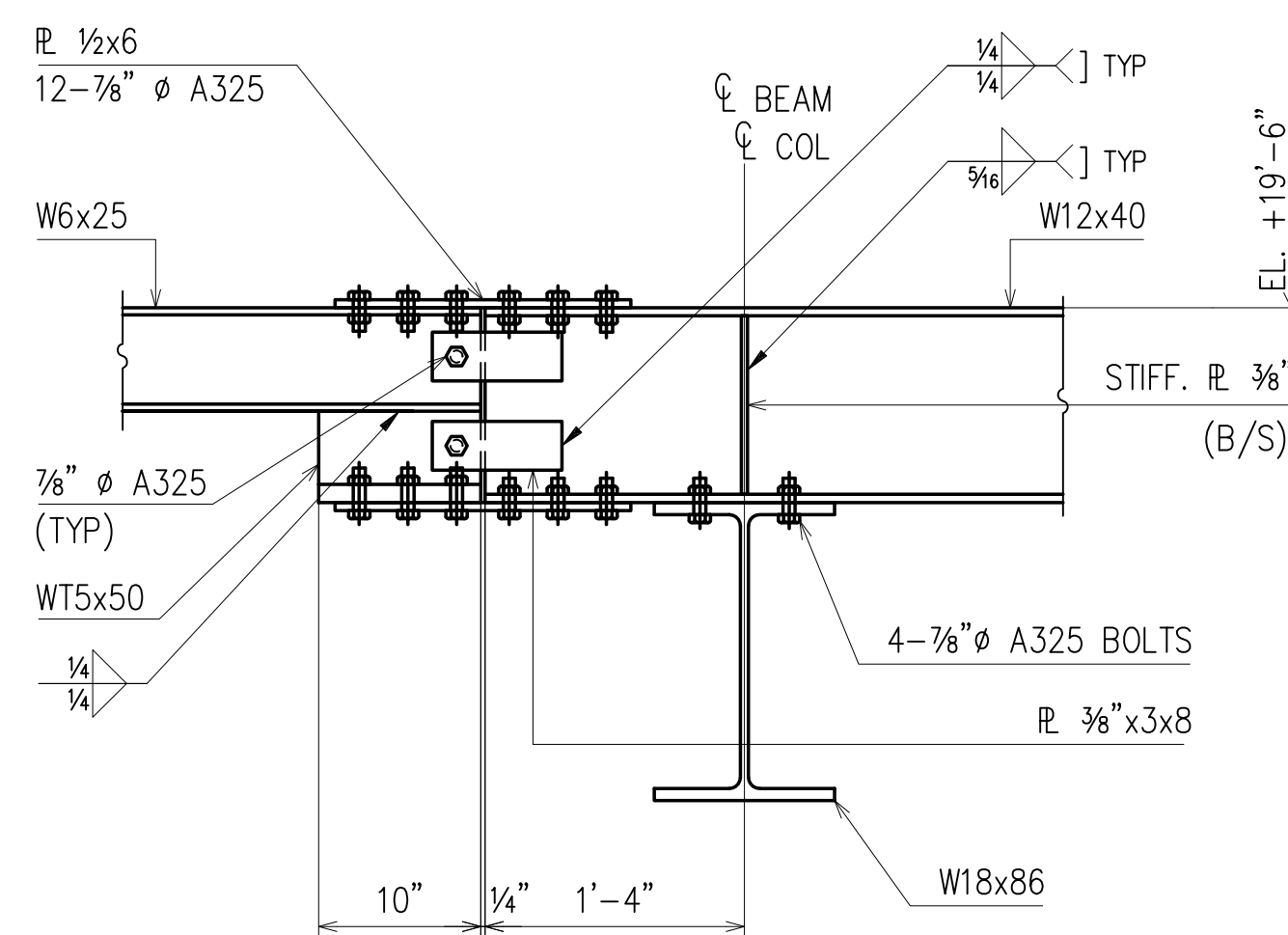
DETAIL **A.1**
SHEETS: E12, E18
E13, E14 & E16



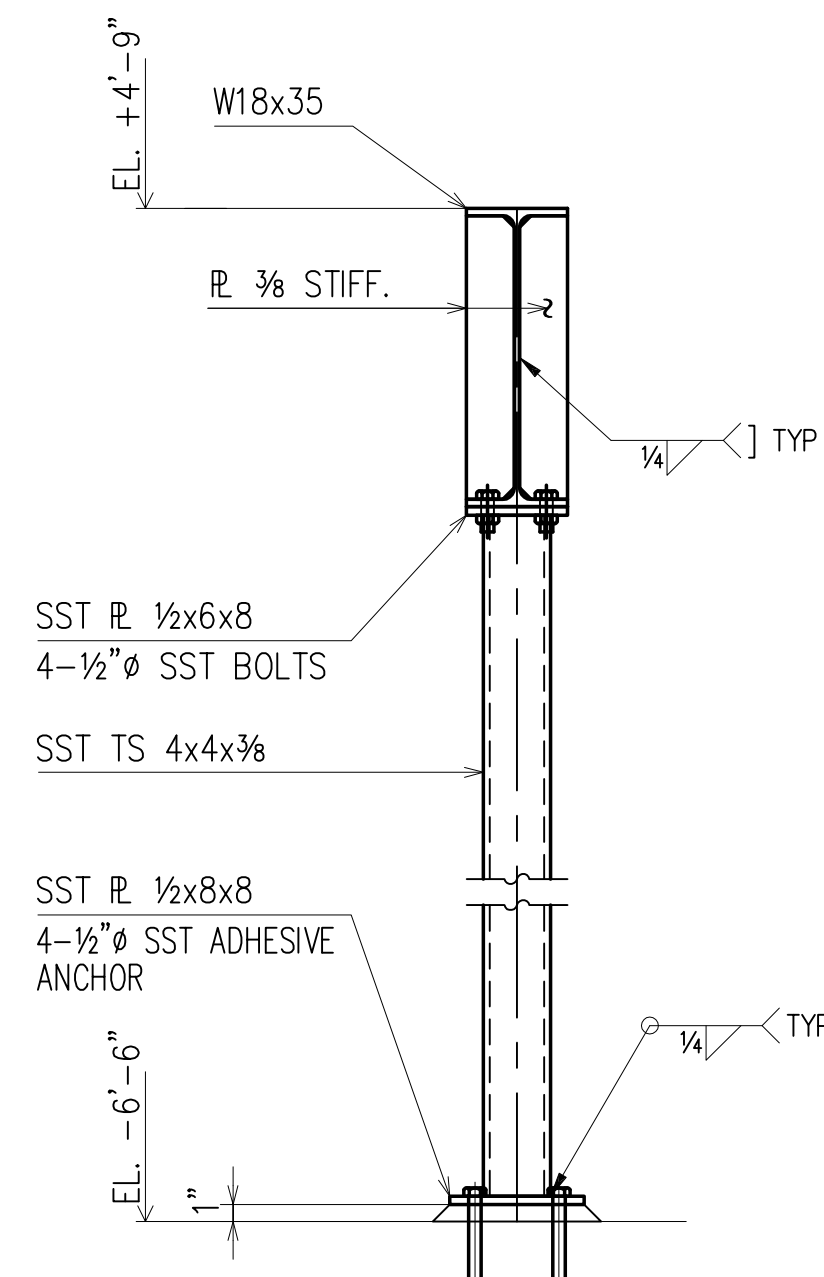
DETAIL **B**
SHEETS: E12, E18
E13, E14, E15, E16



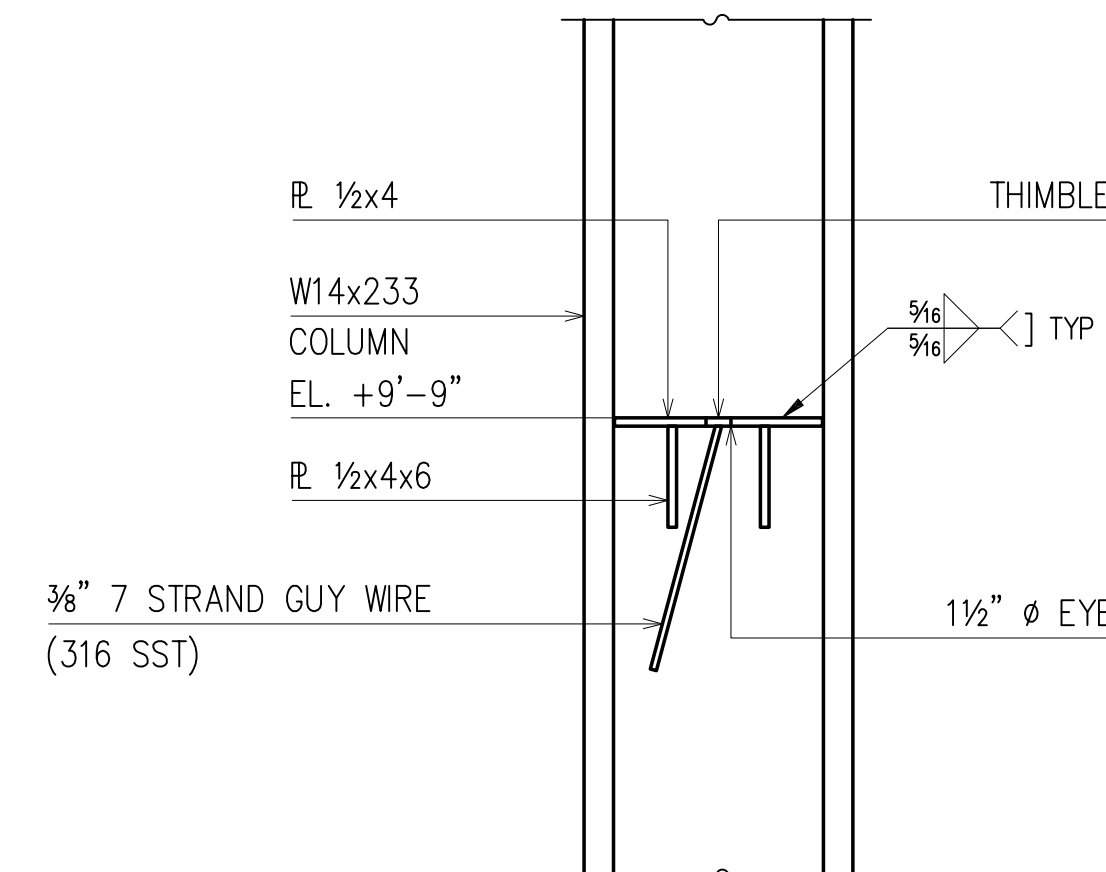
DETAIL **C**
SHEETS: E14, E16



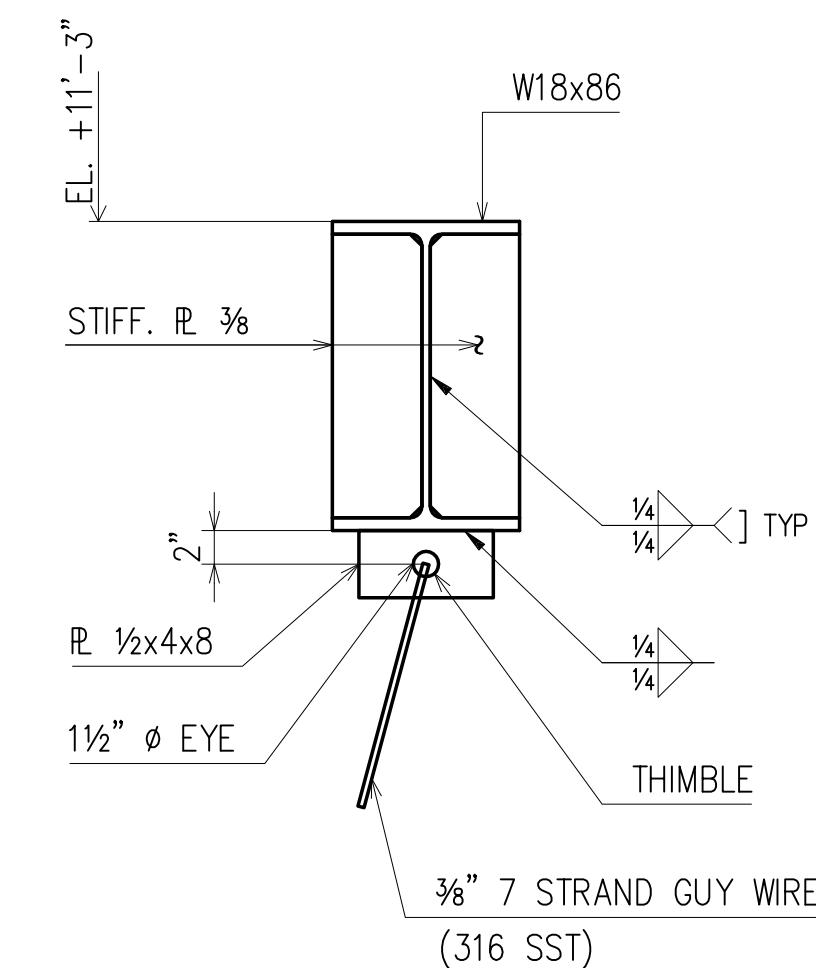
SECTION **D**
SHEET: E2



SECTION **E**
SHEET: E10



SECTION **F**
SHEET: E10



SECTION **G**
SHEET: E10

SILVERITE CONSTRUCTION CO., INC. NEWTOWN CREEK W.P.C.P. WP-283 FINAL UPGRADE PROJECT NC-30G			
DATE:	1/29/03		
CONTRACT NUMBER:	NC-30G		
ITEM:	PLANS		
SPECIFICATION SECTION:	05120		
PAGE NO.:	821 THRU 836		
PARA NO.:	2.01		
DRAWING NO.:	30G-31S-01 THRU 30G-31S-58		
LOCATION:	MAIN BLDG. SOUTH		
MANUFACTURER:	WEIR WELDING		
SUBMITTAL NO.:			
APPROVED BY:			

APPROVAL/REVIEW AUTHORITY:
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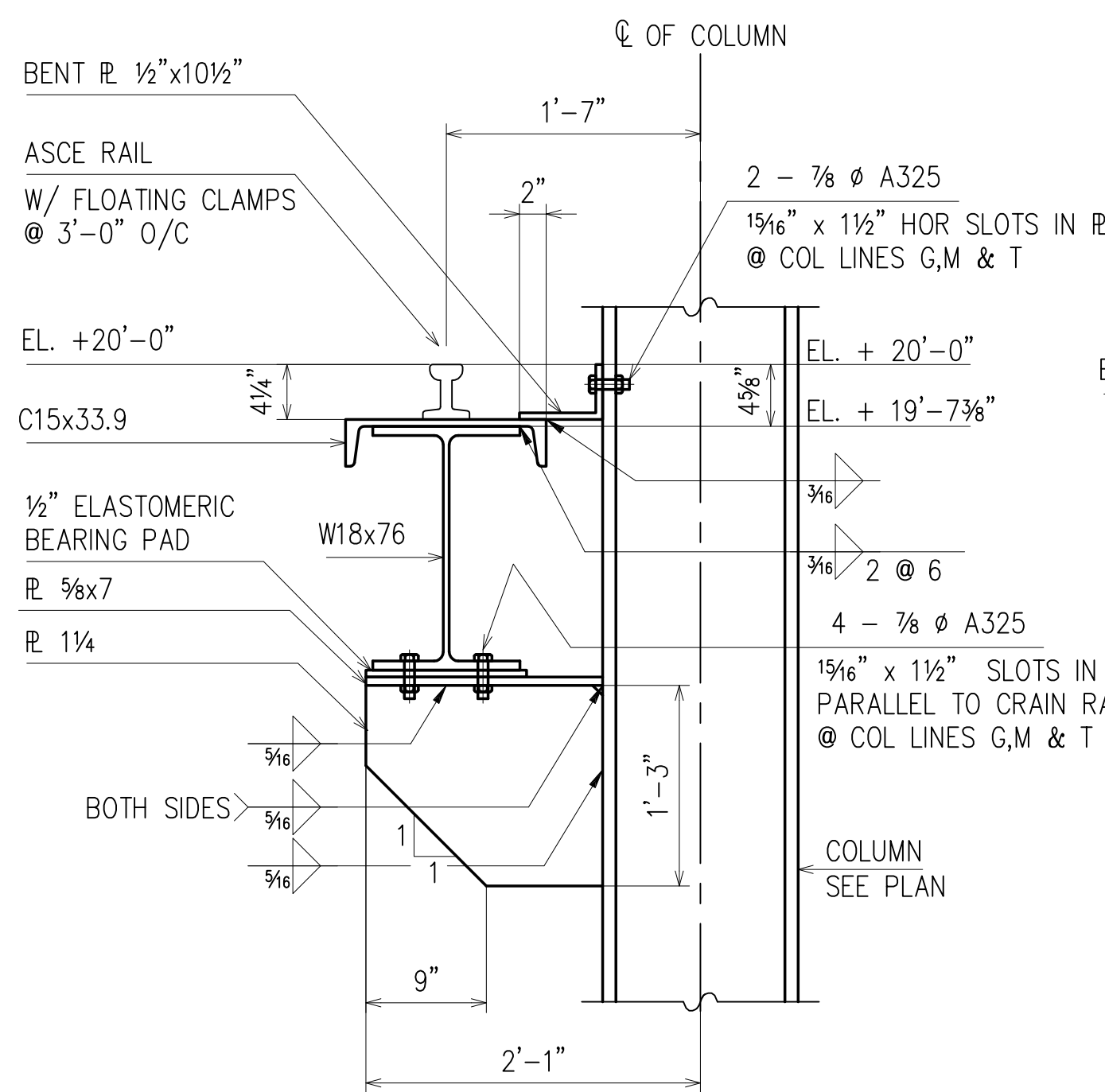
ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

NOTE: TENSION CONTROL BOLTS TO BE USED FOR ALL CONNECTIONS

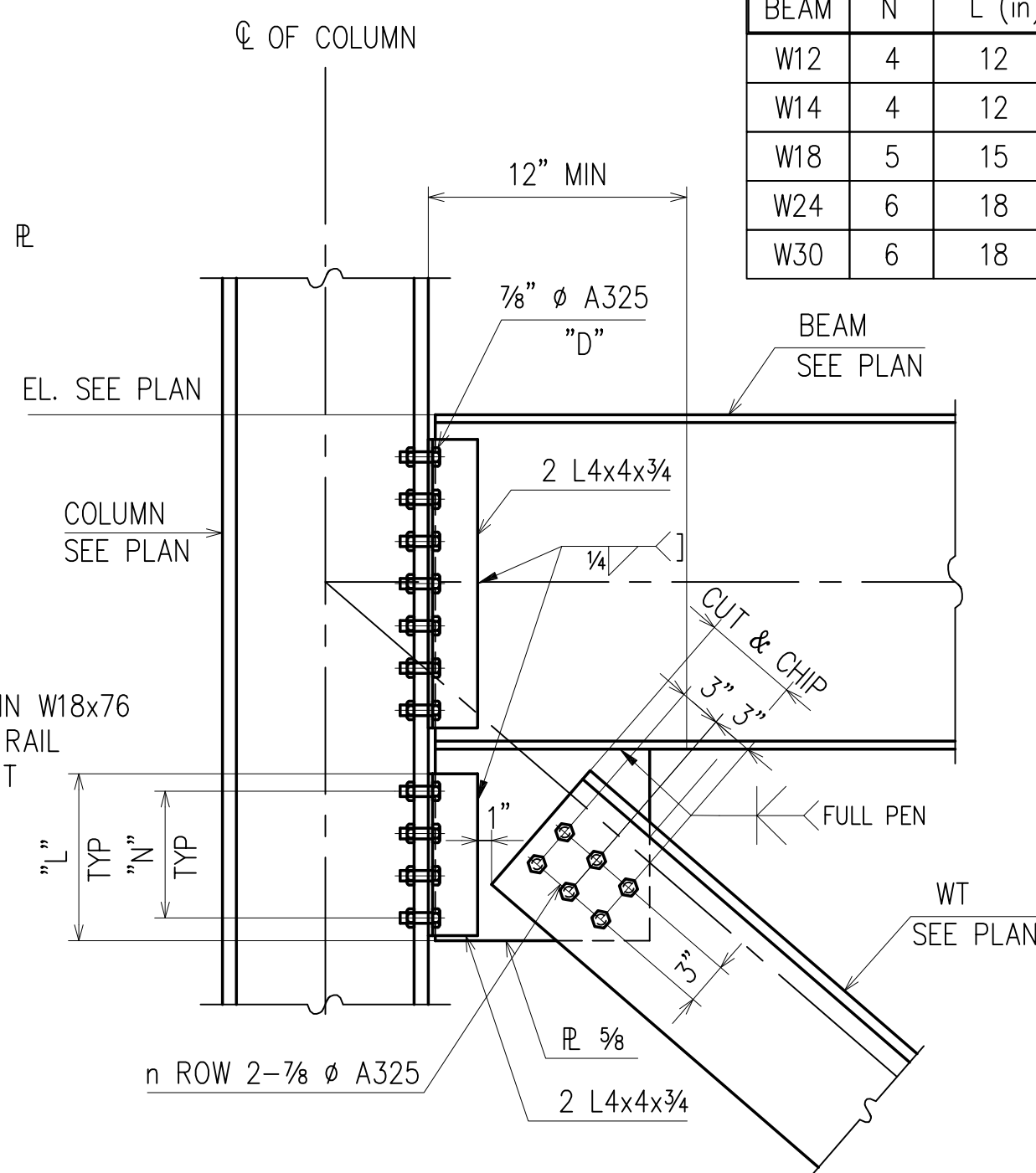
PAIN	ONE SHOP COAT U/NOTED	3/5	FOR FIELD (SQ-F-26)			
MATERIAL	A572 GR.50 U/NOTED	1/24	PER APPRVL			
HOLES	7/8" U/NOTED	11/19	PER APPRVL(1104)			
ELECTRODES	E70XX	1/30	PER CHECK			
TOTAL WEIGHT		NO DATE	DESCRIPTION	NO DATE	DESCRIPTION	
DIAG. REF #						REVISIONS

DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey 08360	
Phone: (856) 794-9474	
Fax: (856) 696-2027	

DRAFTER TN	NC-30G	CONTRACT NO S-615
DATE 08/14/01		
CHECKED JBIII	MAIN BUILDING SOUTH	DWG NO E18-S
DATE 1/30/02		

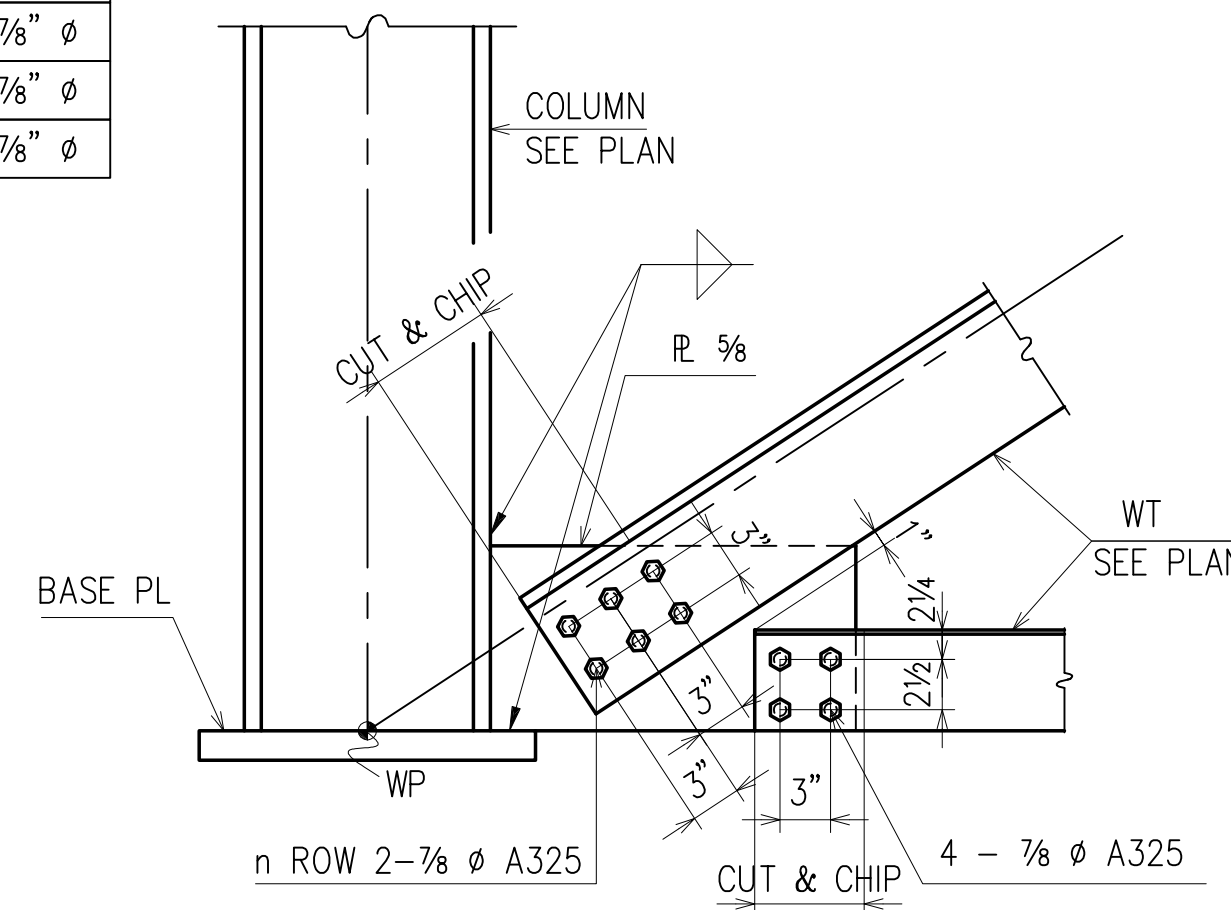


DETAIL **A**
@ SHT'S; E1, E12, E13, E15 & E16



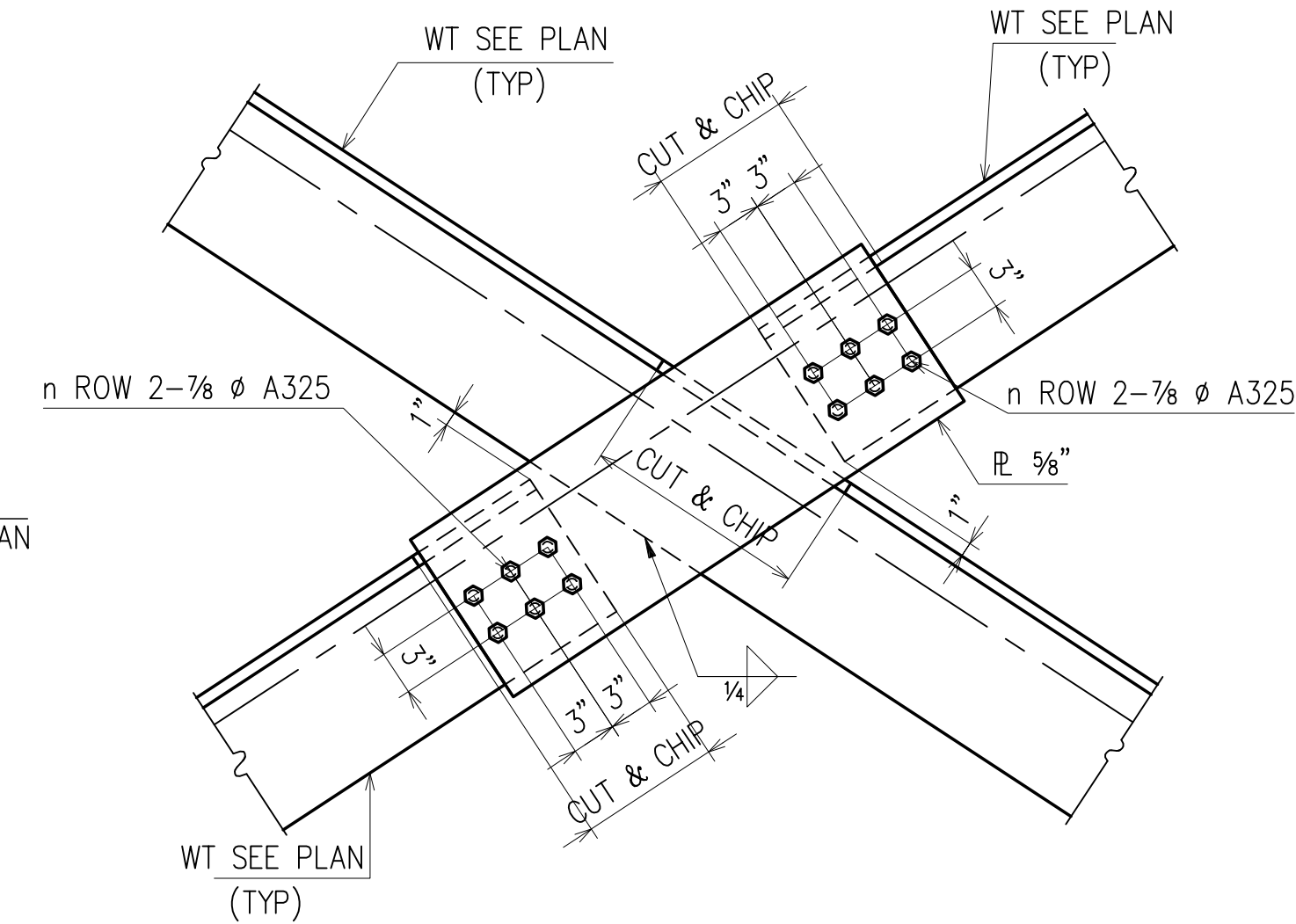
DETAIL **B**
@ SHT'S; E12, E19
E13 & E14

BEAM	N	L (in)	D (in)
W12	4	12	7/8" Ø
W14	4	12	7/8" Ø
W18	5	15	7/8" Ø
W24	6	18	7/8" Ø
W30	6	18	7/8" Ø



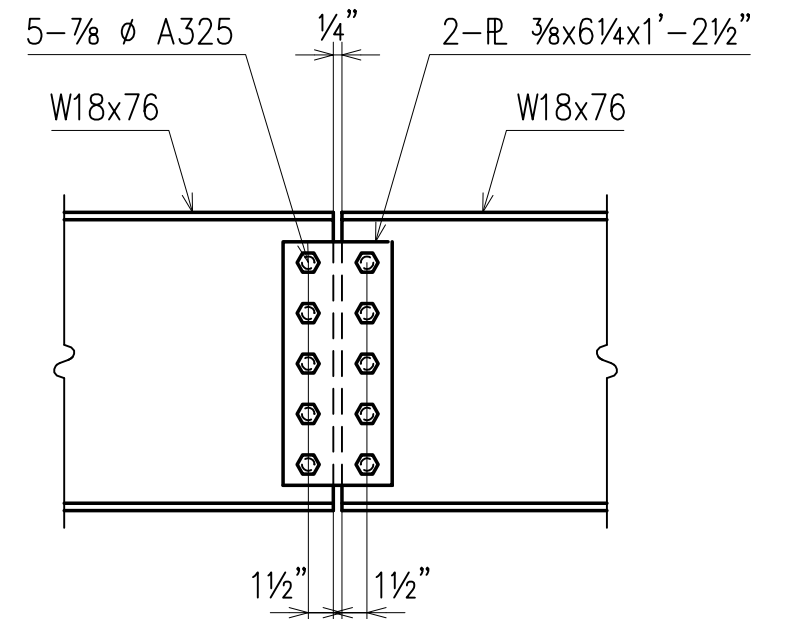
DETAIL **C**
@ SHT'S; E12 & E14

WT	n
7x15	3
8x38.5	3
10.5x50.5	4
12x58.5	4
15x105.5	5

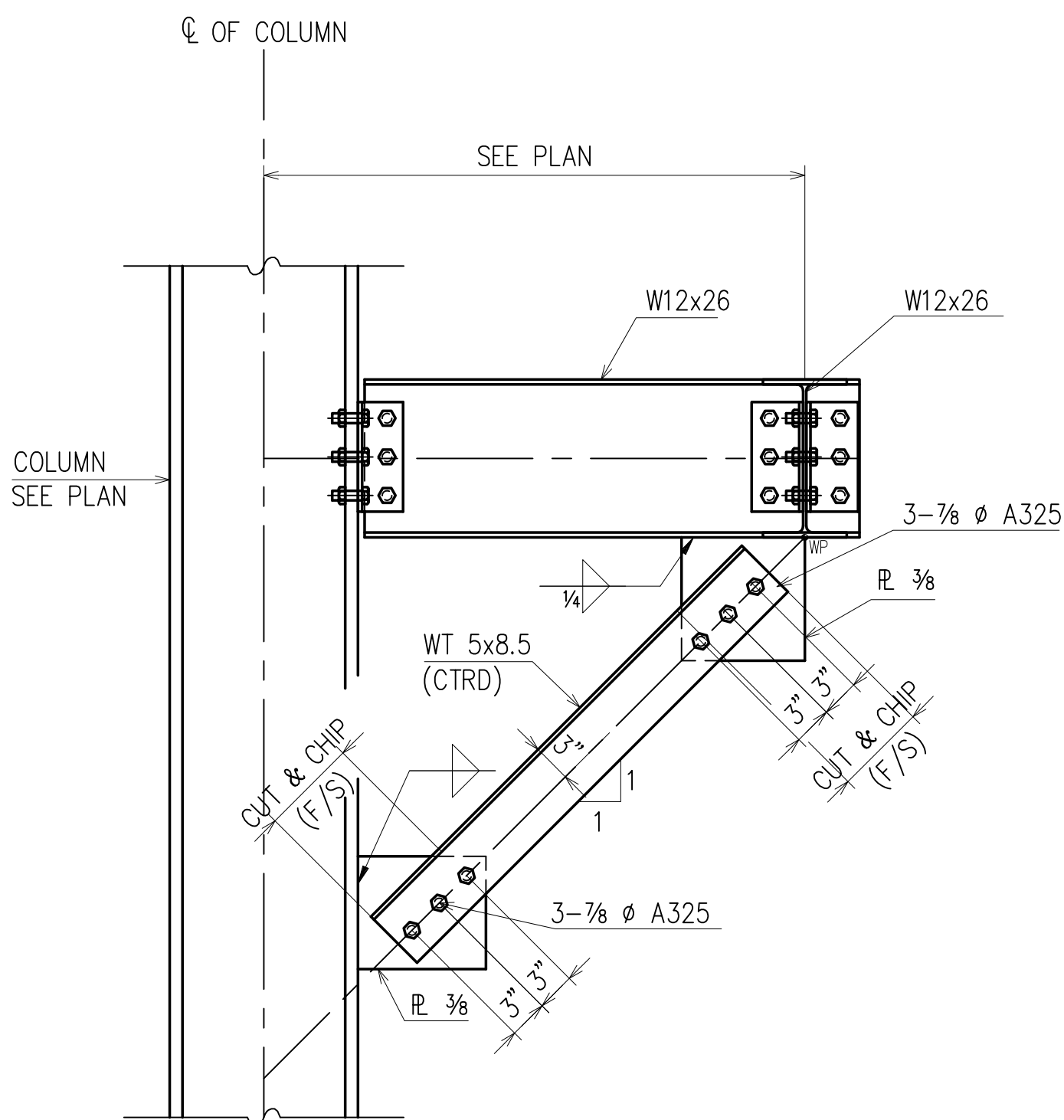


DETAIL **D**
@ SHT'S; E12, E13 & E14

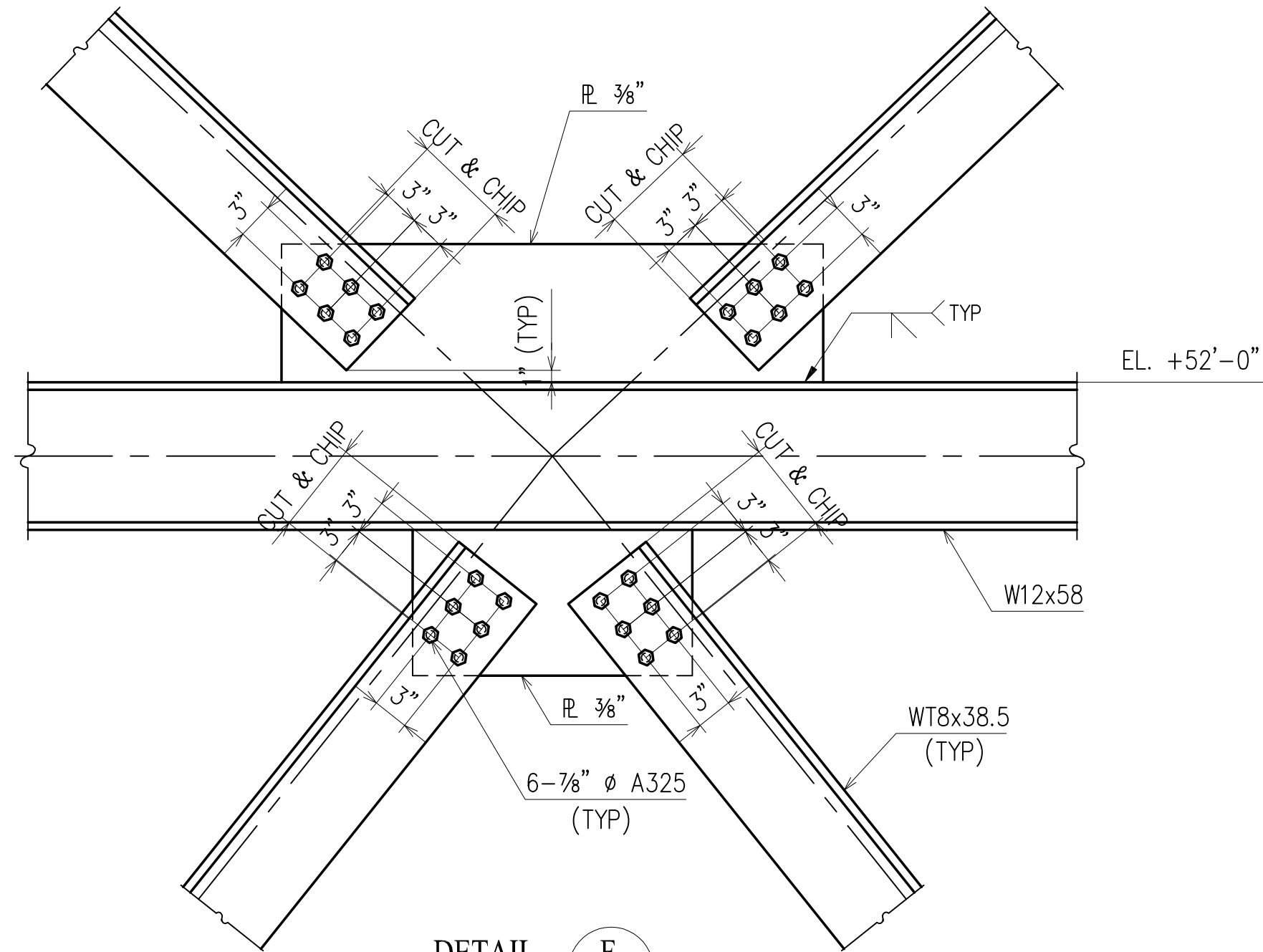
WT	n
7x15	3
8x38.5	3
10.5x50.5	4
12x58.5	4
15x105.5	5



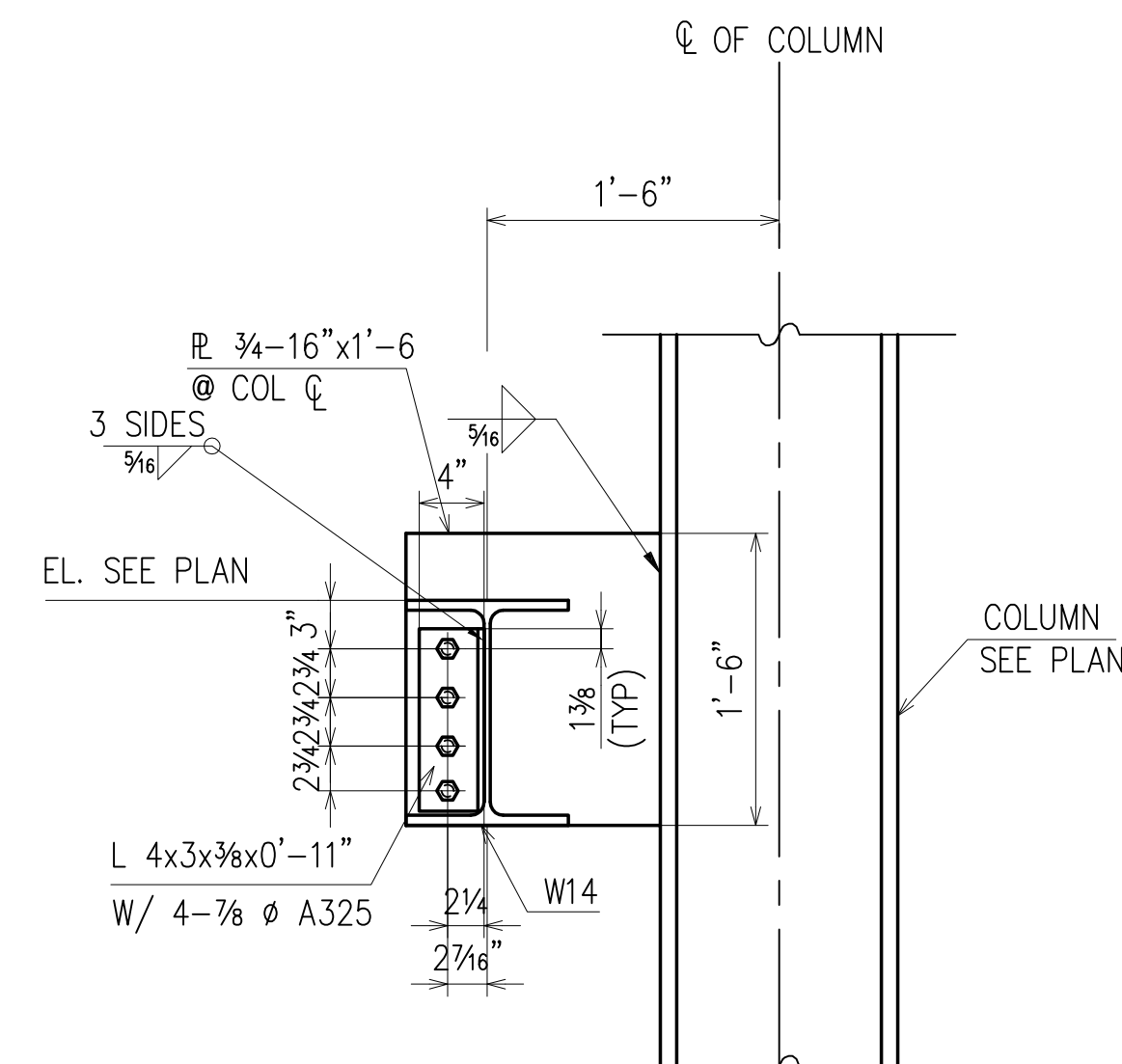
DETAIL **J**
@ SHT; E1, E2



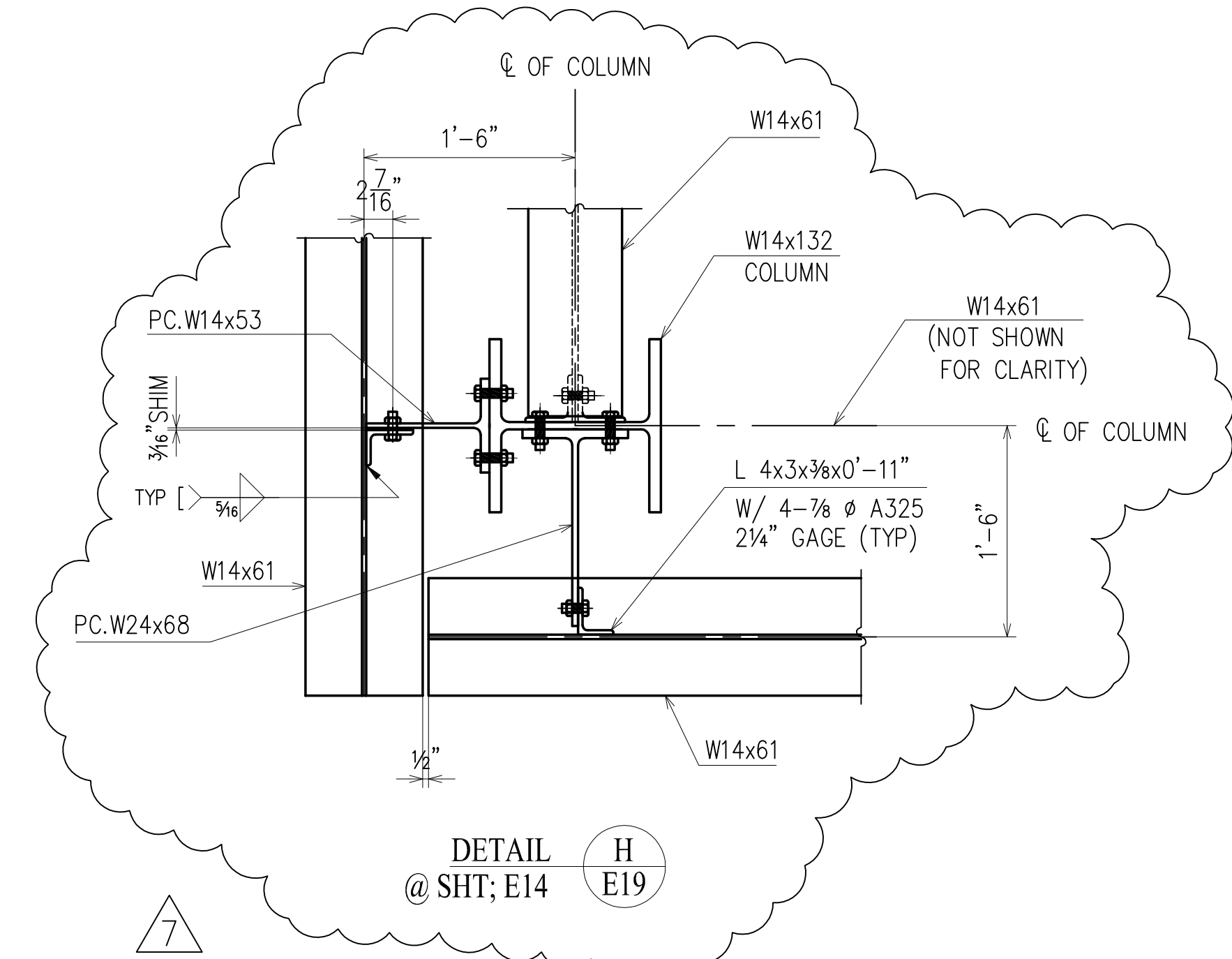
DETAIL **E**
@ SHT'S; E1, E2, E4, E5, E8 & E12



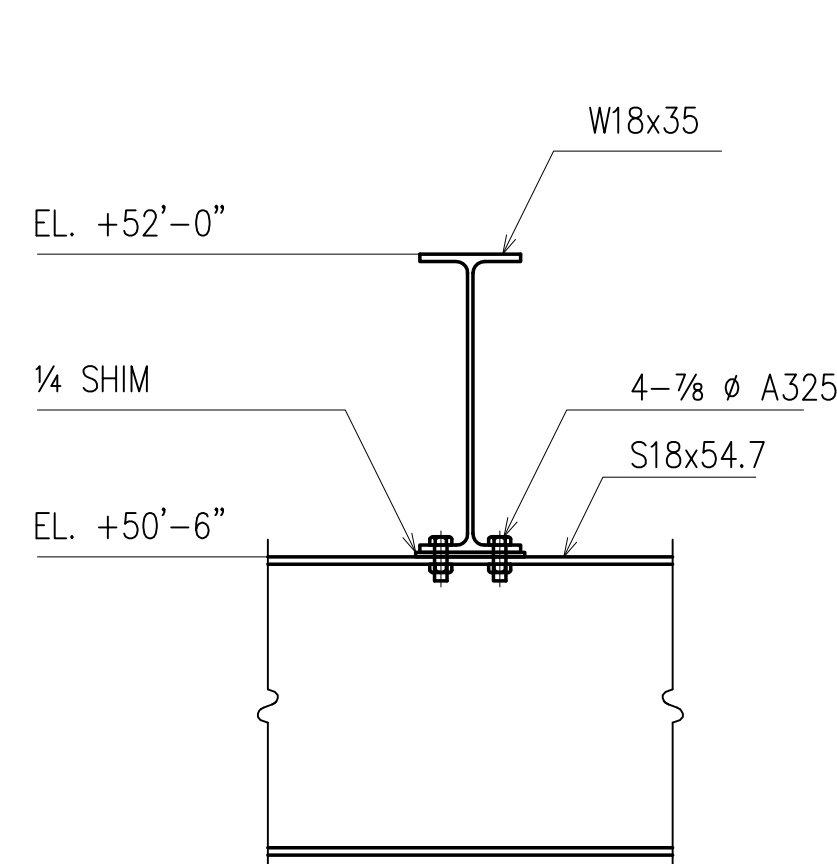
DETAIL **F**
@ SHT; E12



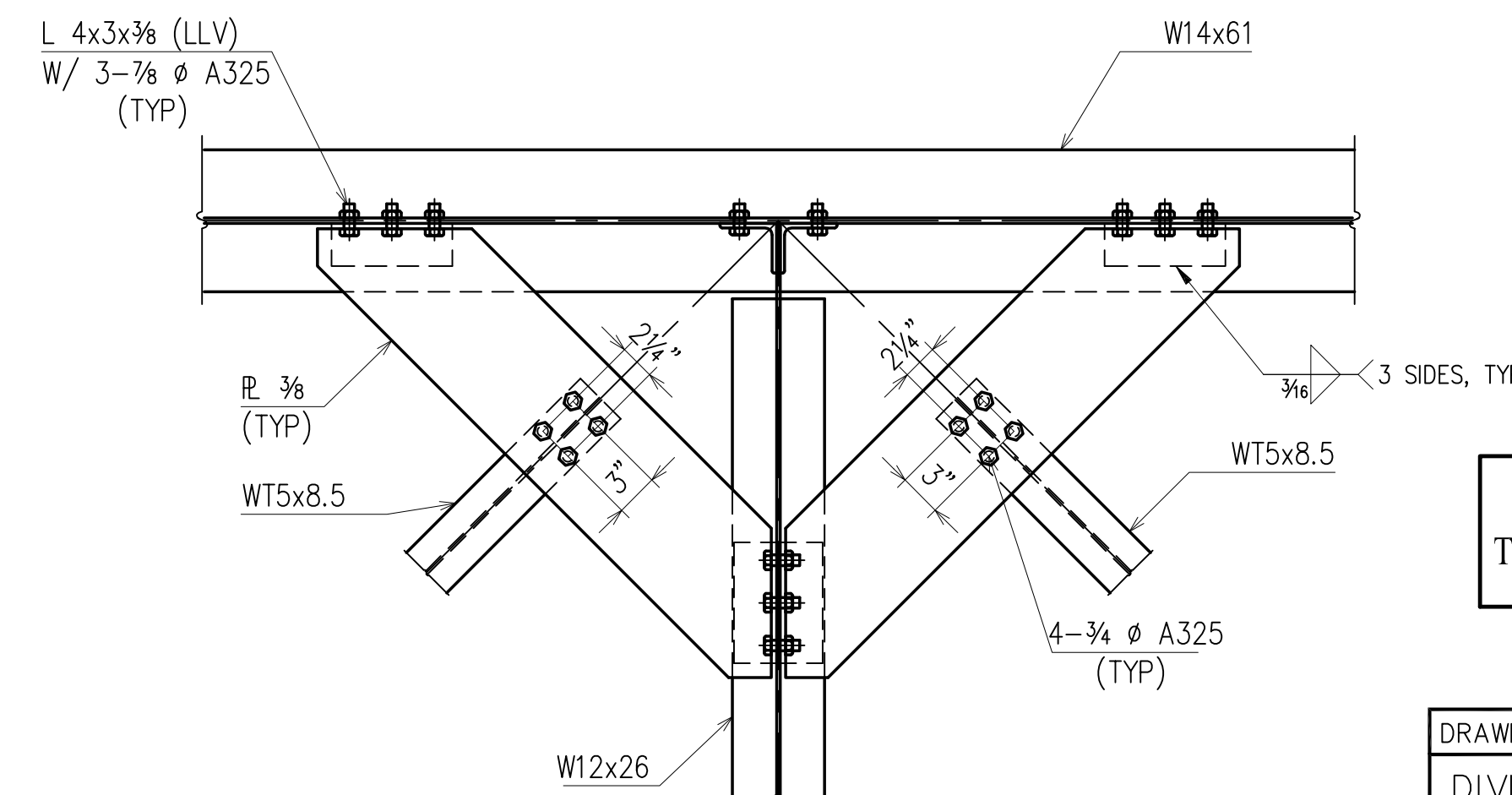
DETAIL **G**
@ SHT'S; E1, E2, E3, E6, E12, E13, E14, E15, E16 & E17



DETAIL **H**
@ SHT; E14



DETAIL **K**
@ SHT; E7



DETAIL **L**
@ SHT; E7

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

DRAWINGS PREPARED BY:	
DIVISION FIVE DETAILING INC.	
1770 Gallagher Drive	
Vineland, New Jersey 08360	
Phone: (856) 794-9474	
Fax: (856) 696-2027	

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

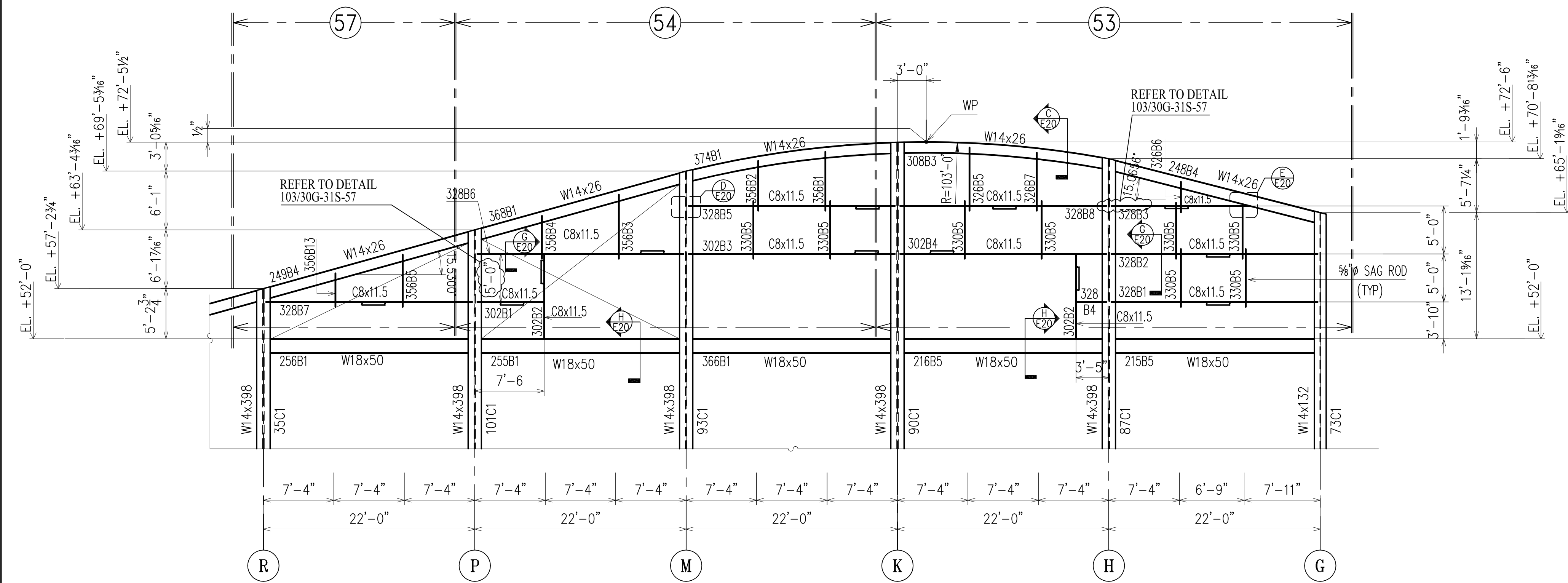
DATE:	1/29/03
CONTRACT NUMBER:	NC-30G
ITEM:	SECTIONS FRAMING PLANS SOUTH BUILDING
SPECIFICATION SECTION:	05120
PAGE NO.:	821 THRU 836
PARA NO.:	2.01
DRAWING NO.:	30G-31S-01 THRU 30G-31S-58
LOCATION:	MAIN BLDG. SOUTH
MANUFACTURER:	WEIR WELDING
SUBMITTAL NO.:	
APPROVED BY:	

APPROVAL/REVIEW AUTHORITY:
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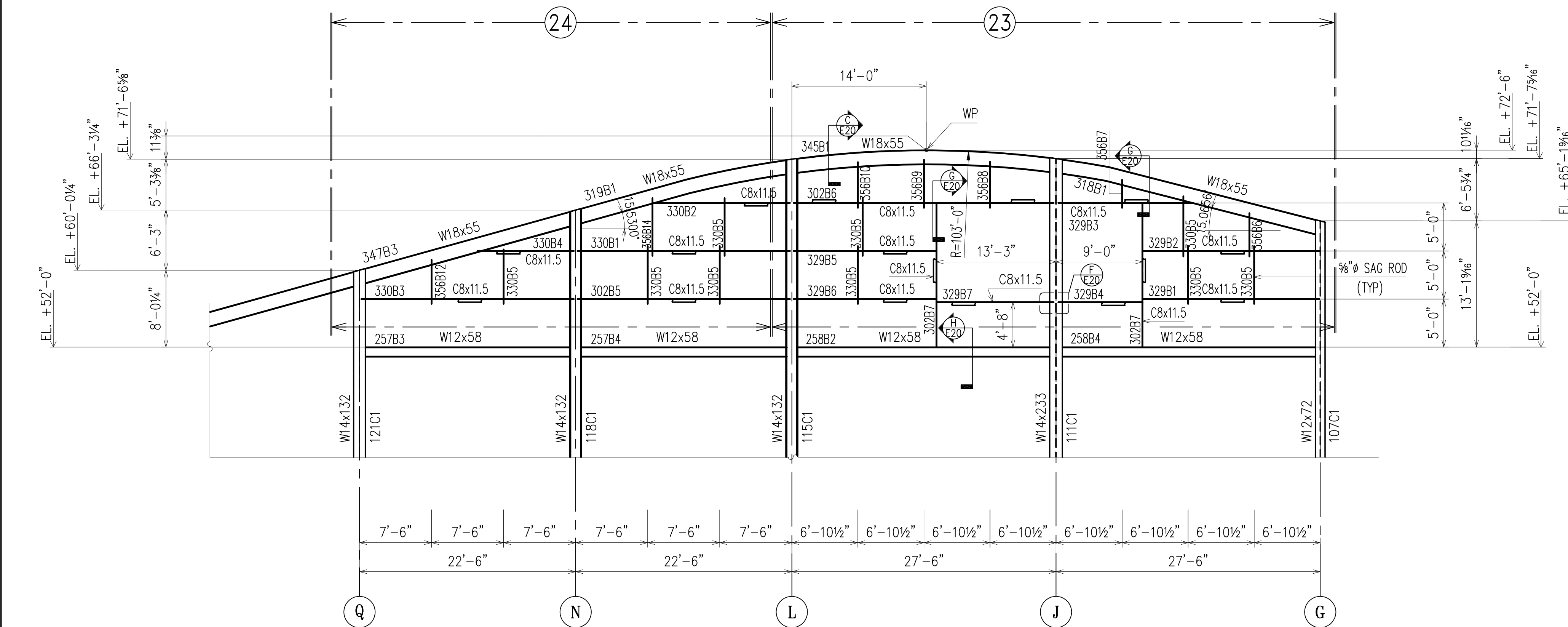
PAIN	ONE SHOP COAT U/NOTED	1/24	PER APPRVL		6/9	CHG. ORD. 30G-049
MATERIAL	A572 GR.50 U.N.O.	11/19	PER APPRVL (1104)		5/23	FOR FIELD (30G-2-38)
HOLES	15/16" U/NOTED	6/03	PER CHECK		3/5	FOR FIELD (30G-2-38)
ELECTRODES	E70XX	12/31	PER CHECK			
TOTAL WEIGHT		NO DATE	DESCRIPTION	NO DATE	DESCRIPTION	
DIAG. REF #						

WEIR WELDING CO. INC.

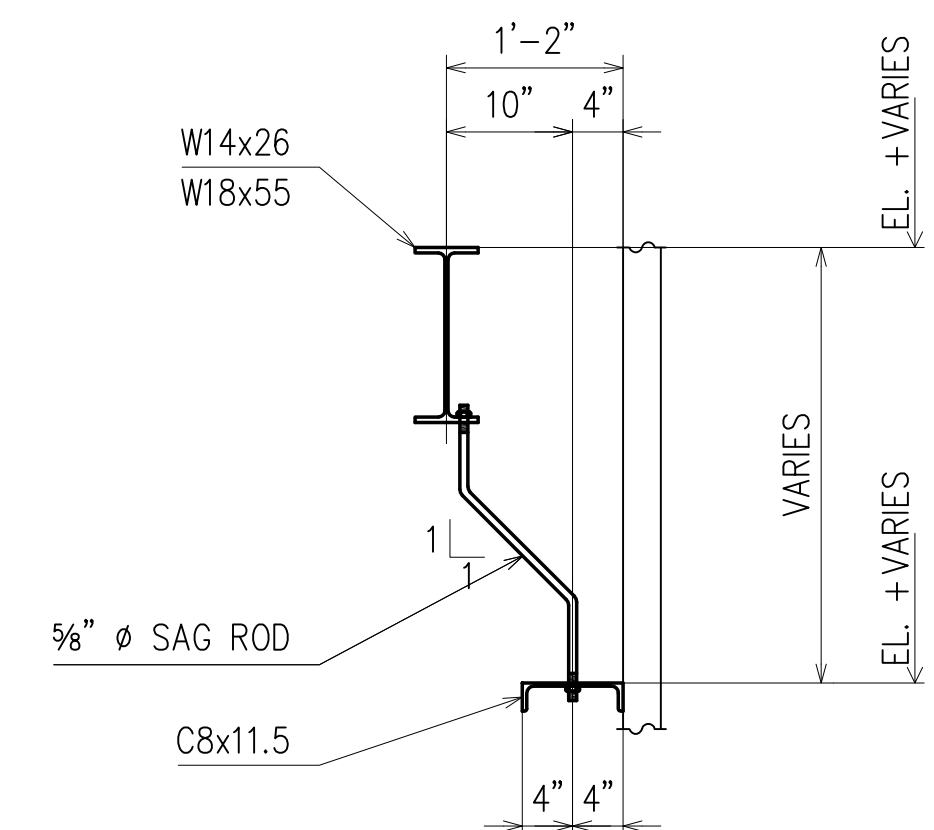
DRAFTER AF	NC-30G	CONTRACT NO S-615
DATE 08/14/01		DWG NO E19-S
CHECKED JBIII	MAIN BUILDING SOUTH	
DATE 12/31/01		



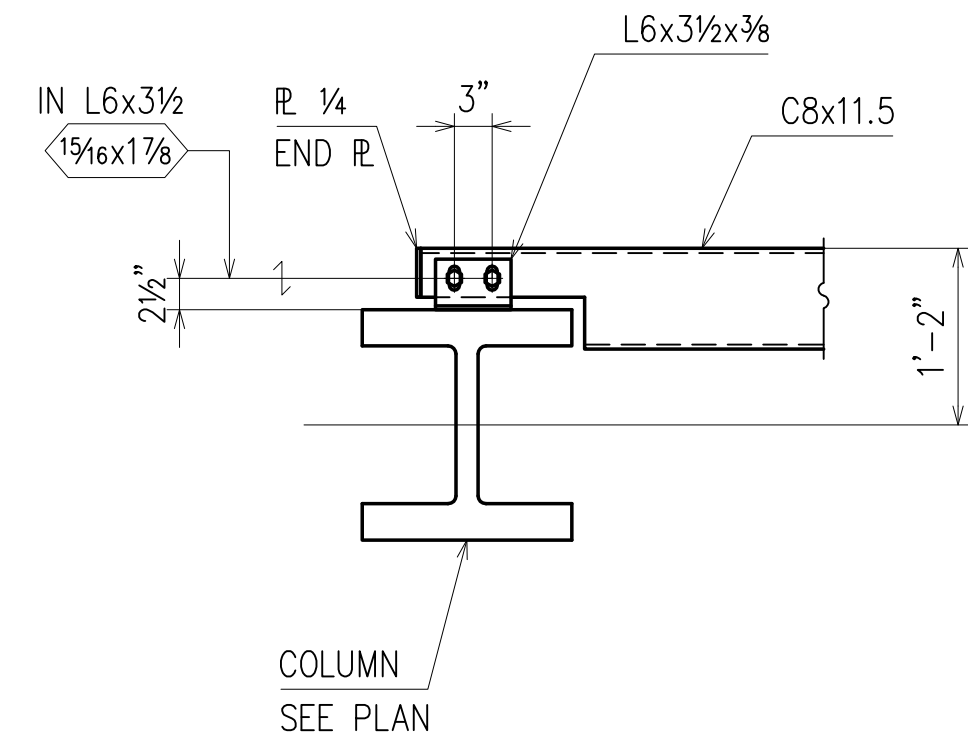
DETAIL A
@ SHT; E14 E20
ELEVATION @ LINE "2"



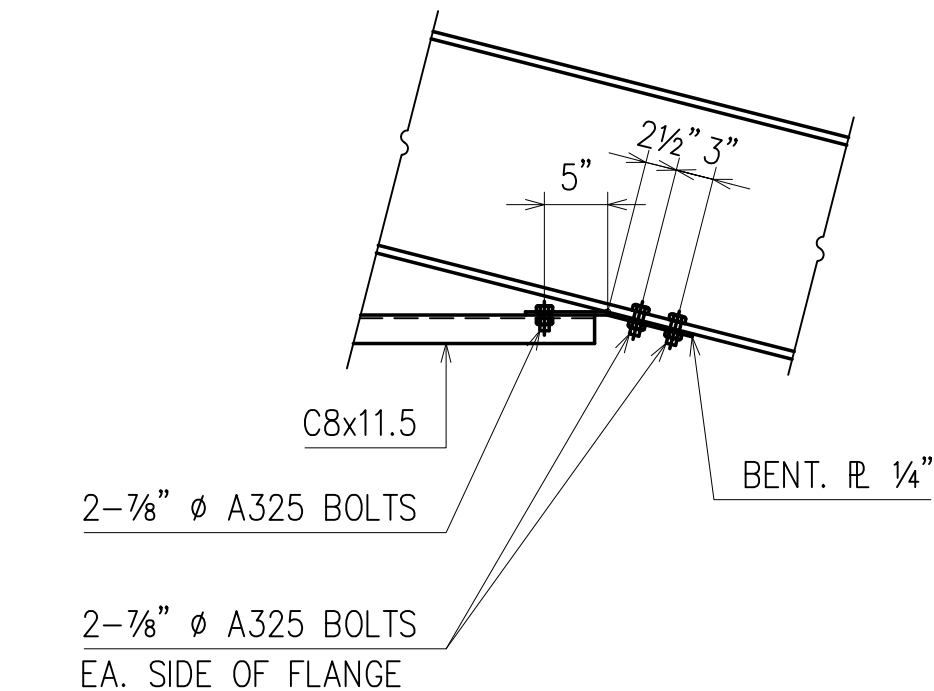
DETAIL B
@ SHT; E15 E20
ELEVATION @ LINE "9"



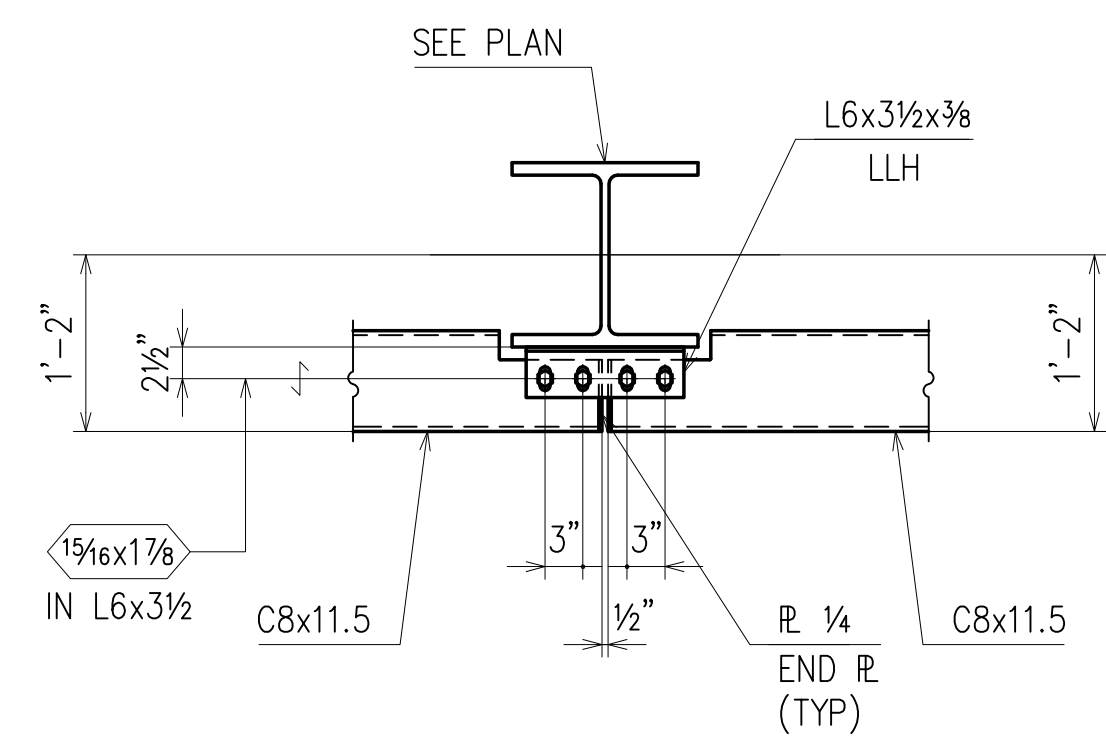
SECTION C
E20



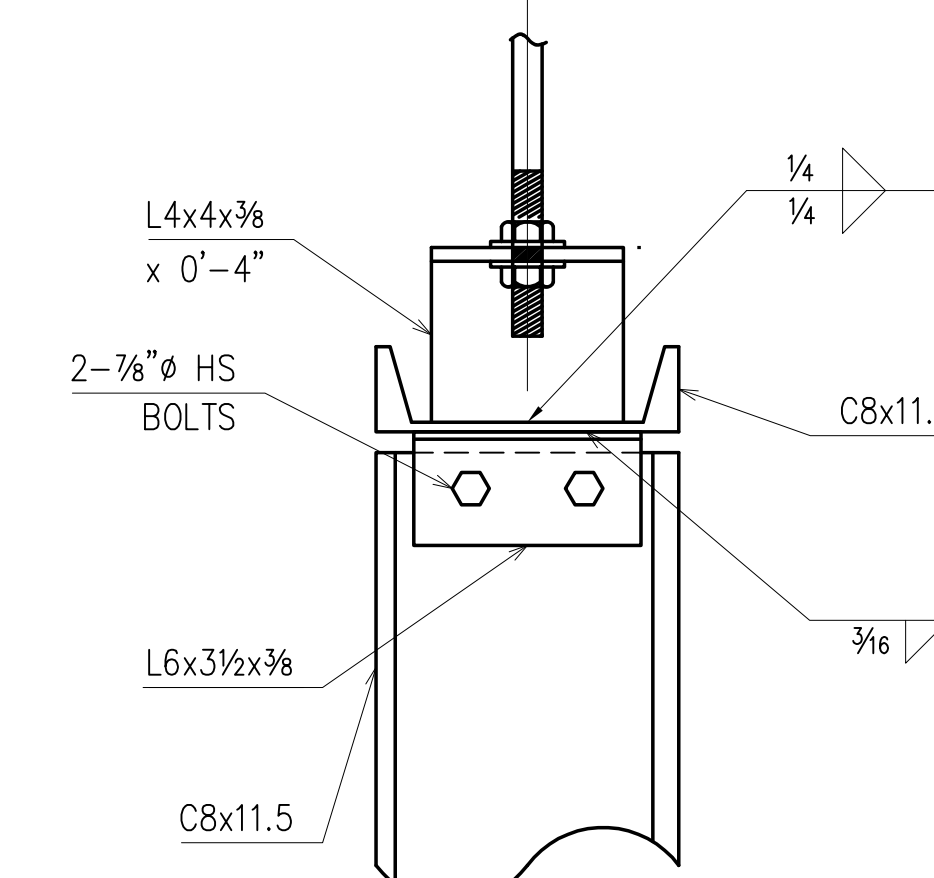
SECTION D
E20



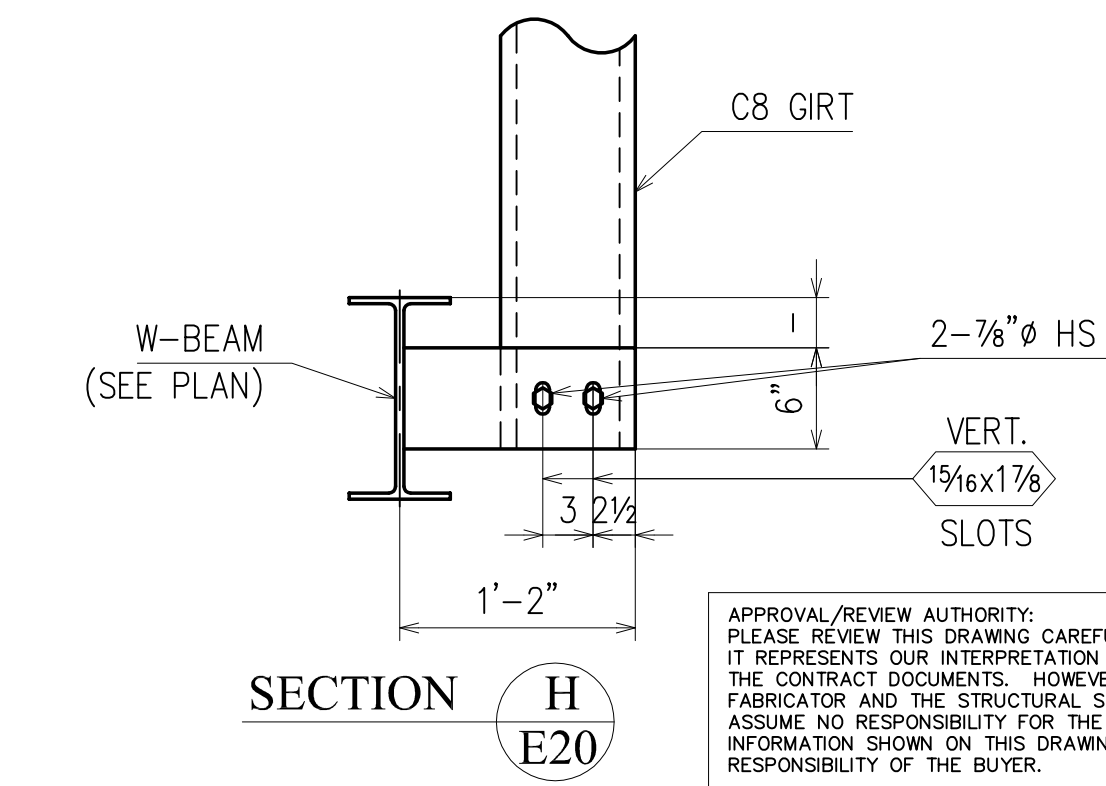
DETAIL E
E20



SECTION F
E20



SECTION G
E20



SECTION H
E20

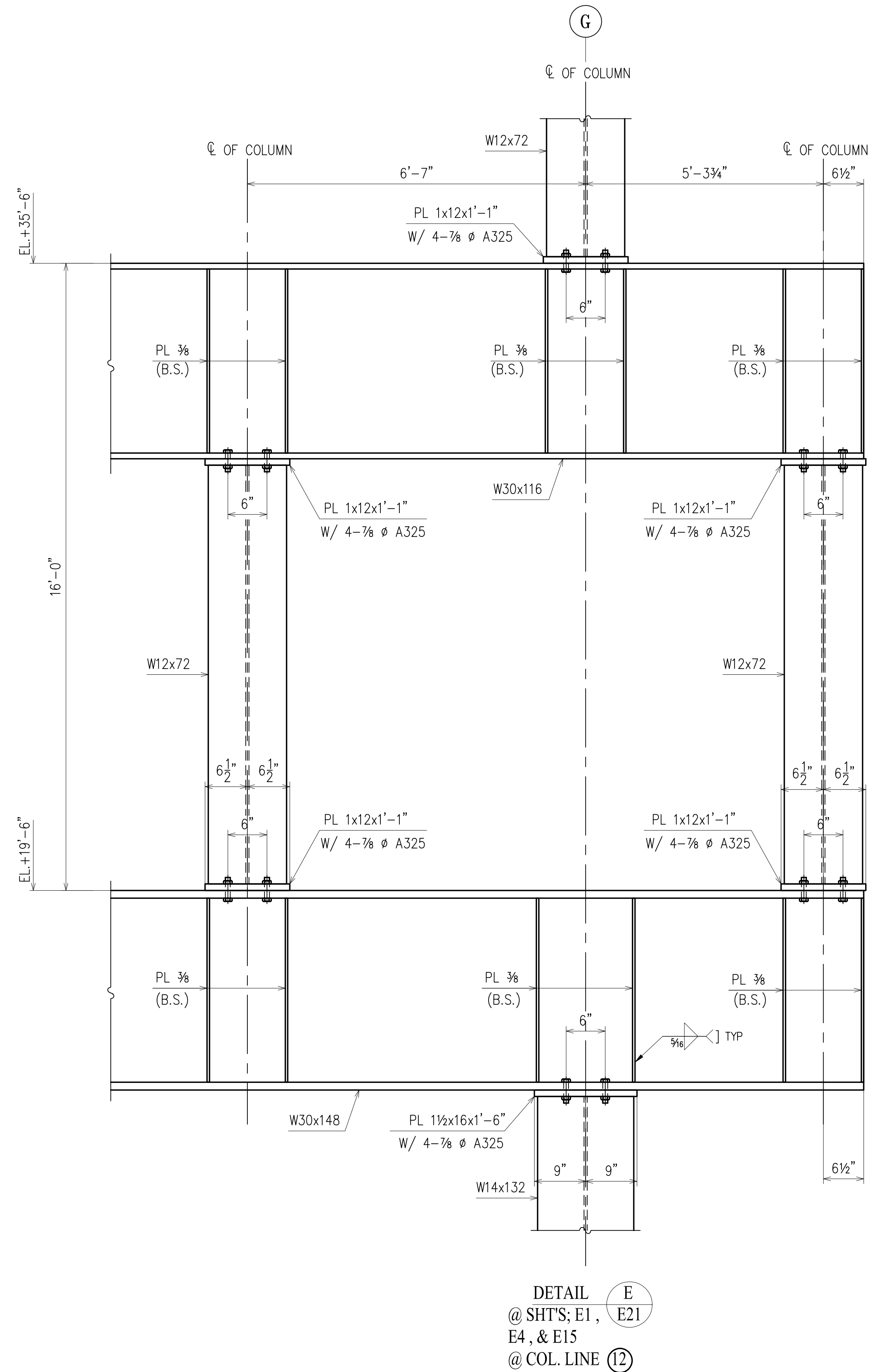
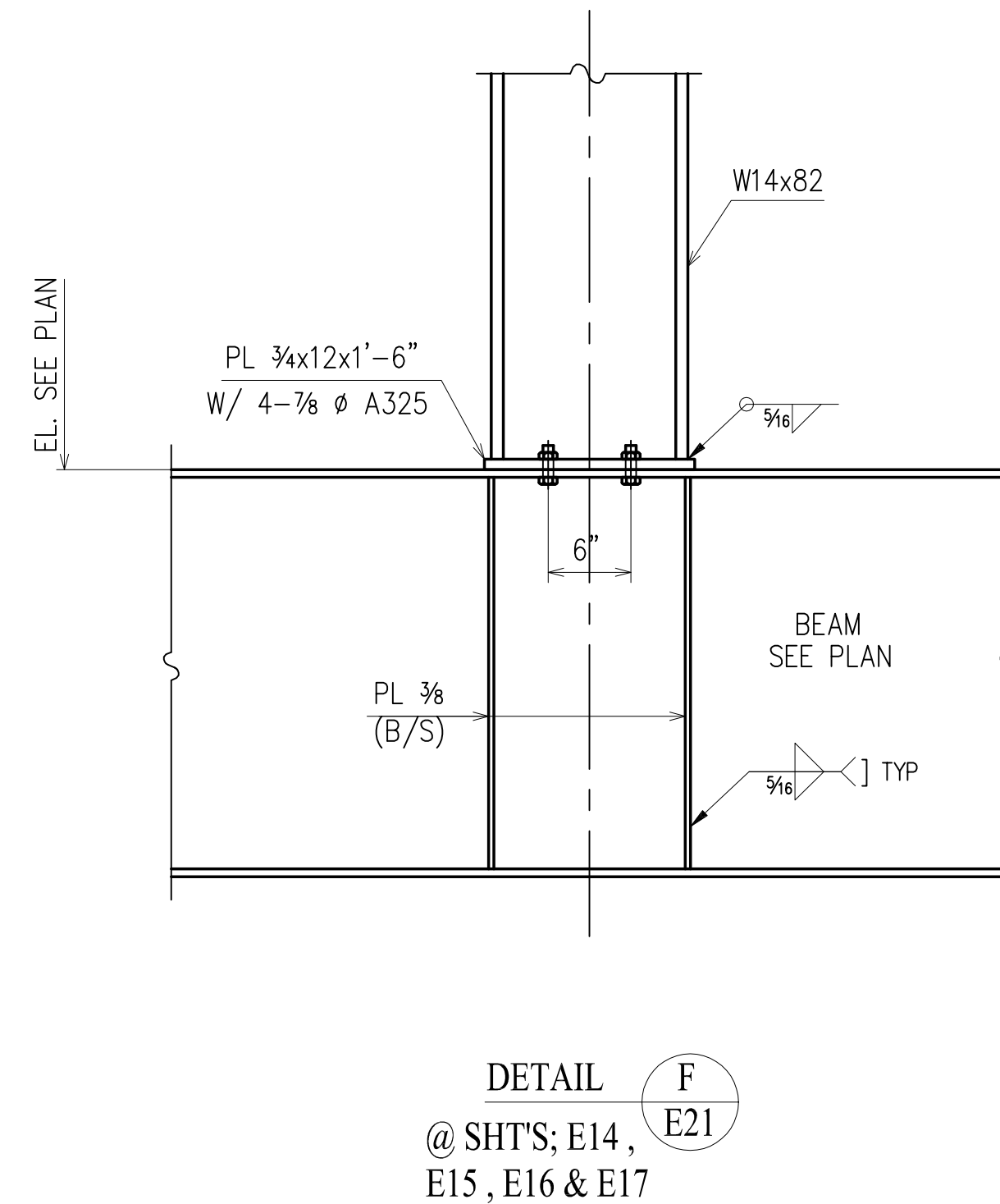
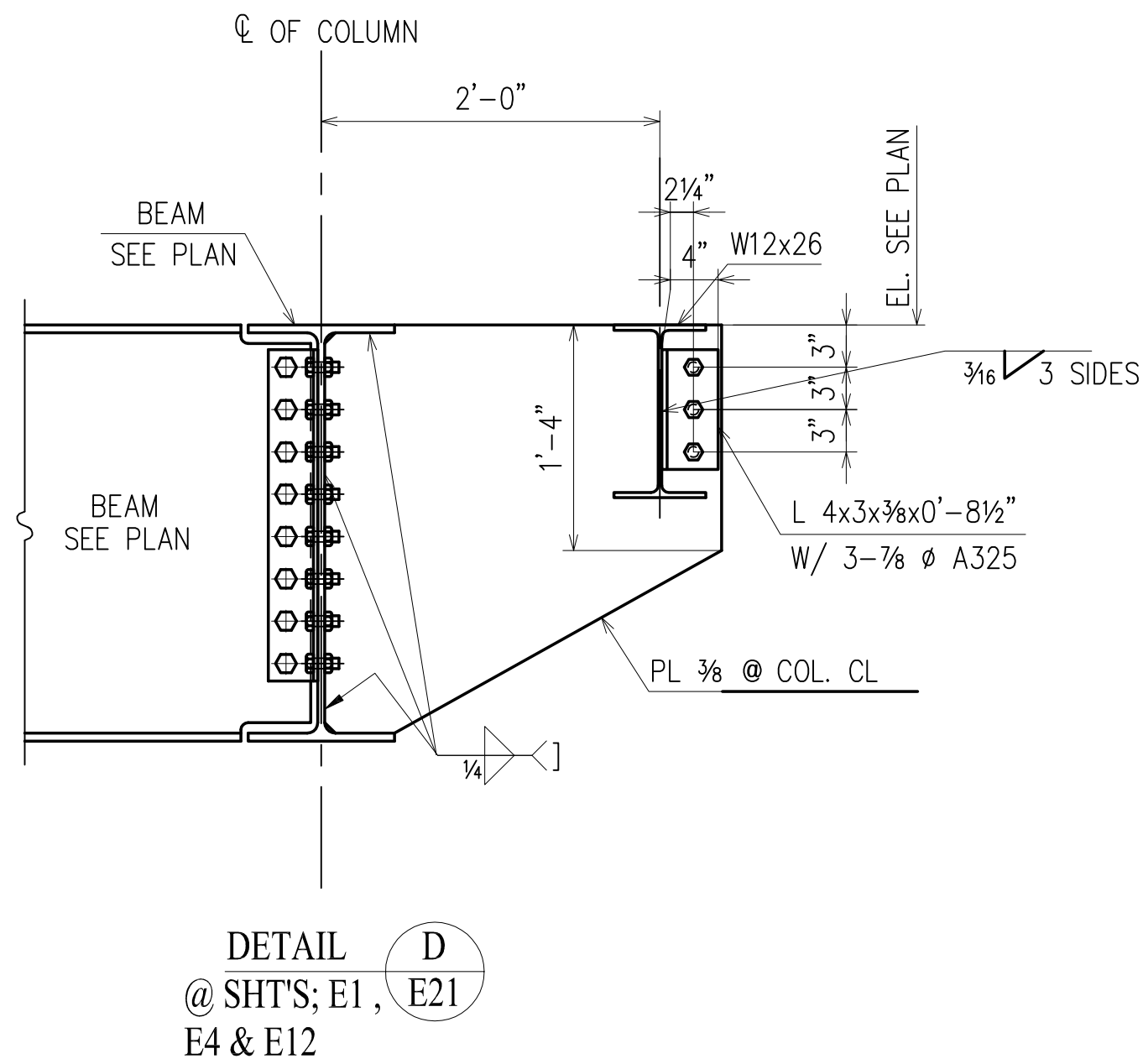
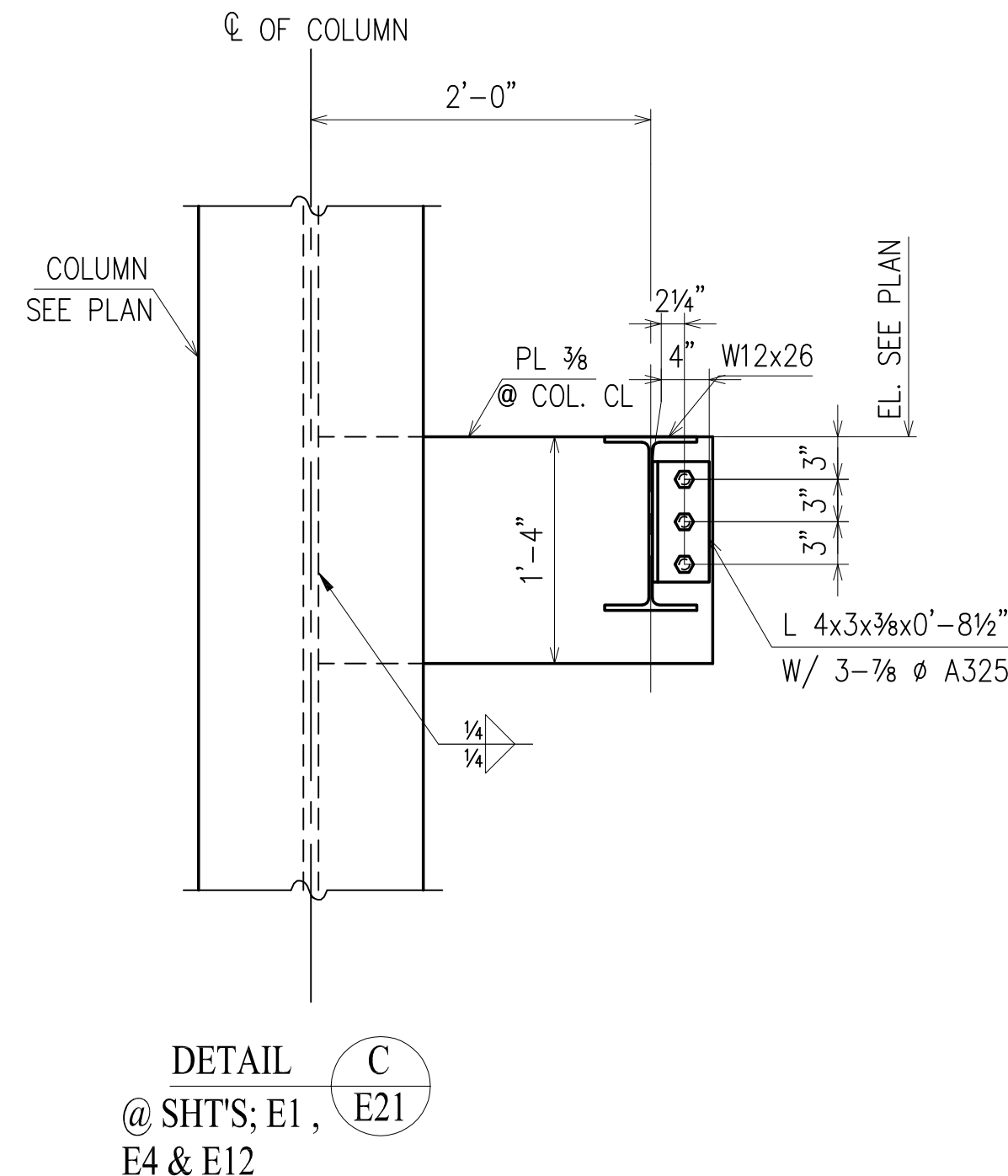
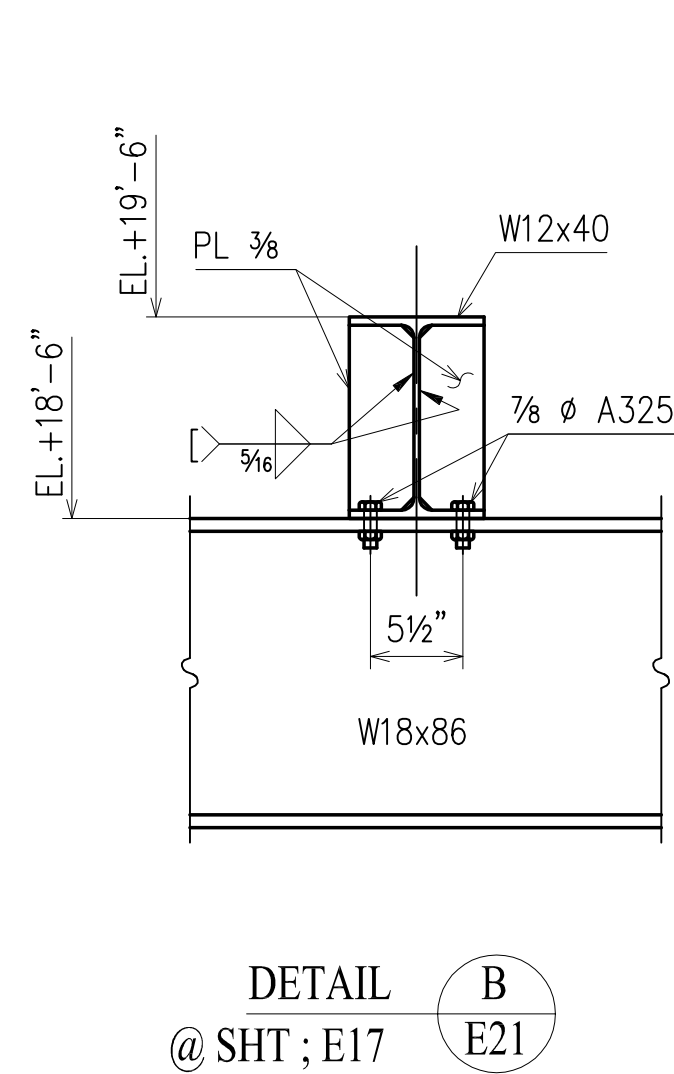
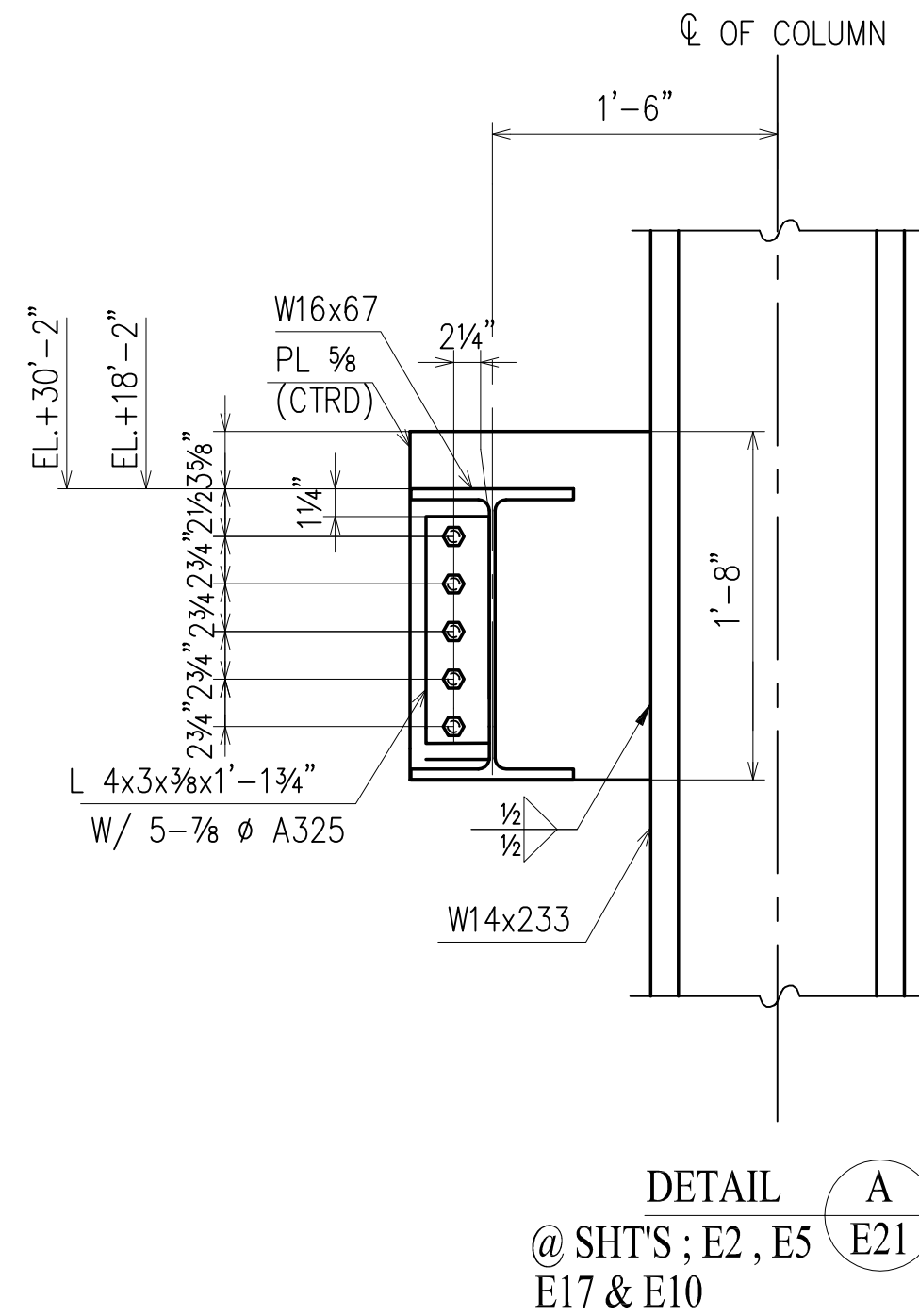
NOTE: TENSION CONTROL BOLTS TO BE USED FOR ALL CONNECTIONS

PAINT	ONE SHOP COAT U/NOTED	7/9	PER APPROVAL	5/23	FOR FIELD (SEQ#27-58)
MATERIAL	A572 GR.50 U/NOTED	6/03	PER CHECK	3/5	FOR FIELD (SEQ#5-28)
HOLES	15/16" U/NOTED	01/18	ADD MARKING	1/24	PER APPROVAL
ELECTRODES	E70XX	2/31	PER CHECK	11/19	PER APPRVL (1104)
TOTAL WEIGHT	NO DATE	DESCRIPTION	NO DATE	DESCRIPTION	
DIAG. REF #	REVISIONS				

WEIR WELDING CO. INC.					
DRAWN BY	NC-30G	DATE	08/14/01	CONTRACT NO.	S-615
CHECKED BY	MAIN BUILDING SOUTH	DWG NO.	E20-S		

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G
DATE: 1/29/03
CONTRACT NUMBER: NC-30G
ITEM: FRAMING PLAN SOUTH BUILDING
SPECIFICATION SECTION: 05120
PAGE NO.: 821 THRU 836
PARA NO.: 2.01
DRAWING NO.: 30G-31S-01 THRU 30G-31S-58
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING
SUBMITTAL NO.: 05120-051
APPROVED BY: SV

DRAWINGS PREPARED BY:
DIVISION FIVE DETAILING INC.
1770 Gallagher Drive
Vineland, New Jersey 08360
Phone: (856) 794-9474
Fax: (856) 696-2027



DETAIL E
@ SHT'S; E1, E21
E4, & E15
@ COL. LINE 12

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

DATE: 1/29/03
CONTRACT NUMBER: NC-30G
ITEM: PLANS
SPECIFICATION SECTION: 05120
PAGE NO.: 871 THRU 876
PARA NO.: 2.01
DRAWING NO.: 30G-315-01 THRU 30G-315-58
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING
SUBMITAL NO.:
APPROVED BY:

DRAWINGS PREPARED BY:
DIVISION FIVE DETAILING INC.
1770 Gallagher Drive
Vineland, New Jersey 08360
Phone: (856) 794-9474
Fax: (856) 696-2027

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

PAINT	ONE SHOP COAT U/NOTED	3/5	FOR FIELD(SEQ#5-26)		
MATERIAL	A572 GR.50	1/24	PER APPRVL		
HOLES	15/16" U/NOTED	11/18	PER APPRVL(1104)		
ELECTRODES	E70XX	12/31	PER CHECK		
TOTAL WEIGHT		NO	DATE	DESCRIPTION	NO
DIAG. REF #					

WEIR WELDING CO. INC.

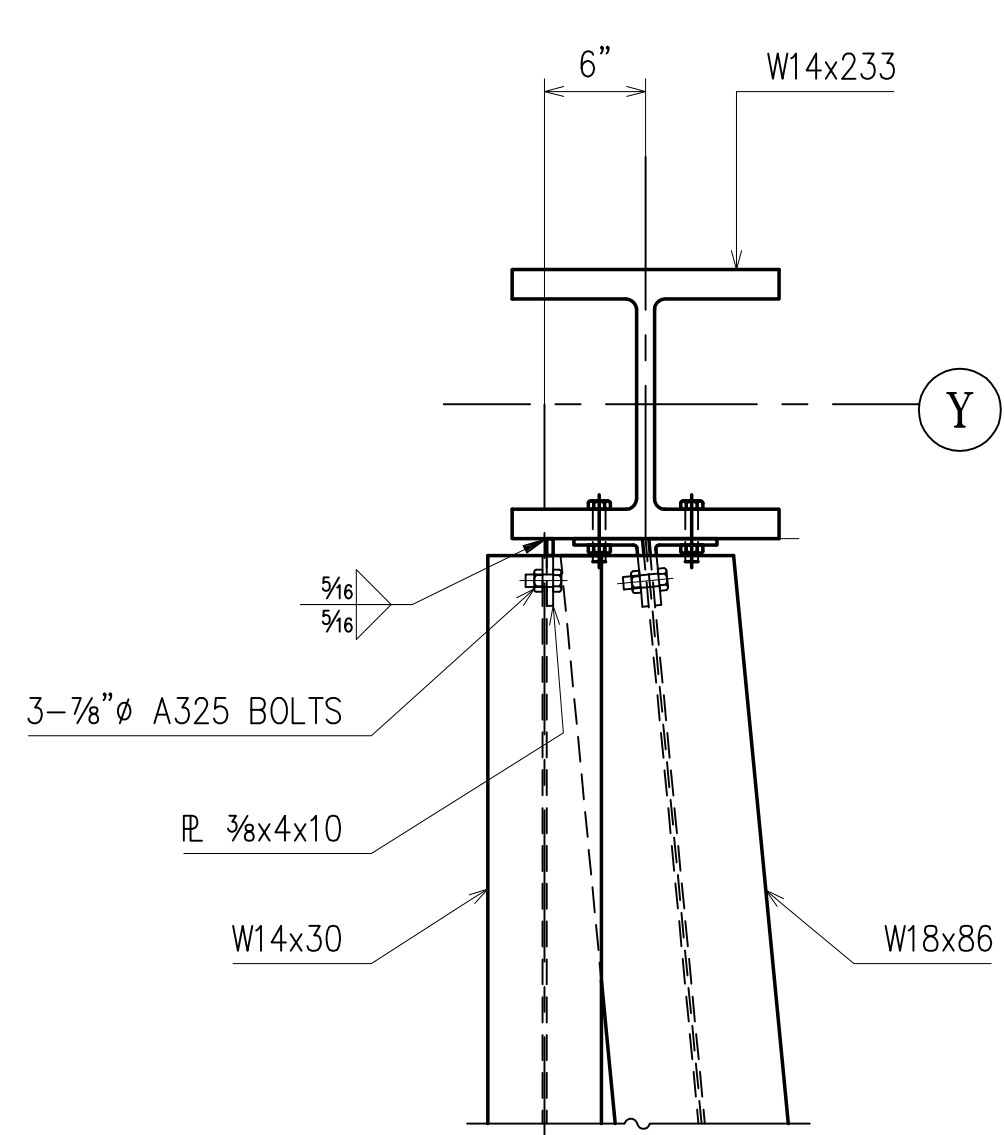
DRAFTER YG	NC-30G	CONTRACT NO
DATE 08/28/01		S-615
CHECKED JBIII	MAIN BUILDING SOUTH	DWG NO
DATE 12/31/01		E21-S

APPROVAL/REVIEW AUTHORITY:
PLEASE REVIEW THIS DRAWING CAREFULLY.
IT REPRESENTS OUR INTERPRETATION OF THE INTENT
OF THE CONTRACT DOCUMENTS. HOWEVER, THE STEEL
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ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THE
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RESPONSIBILITY OF THE BUYER.

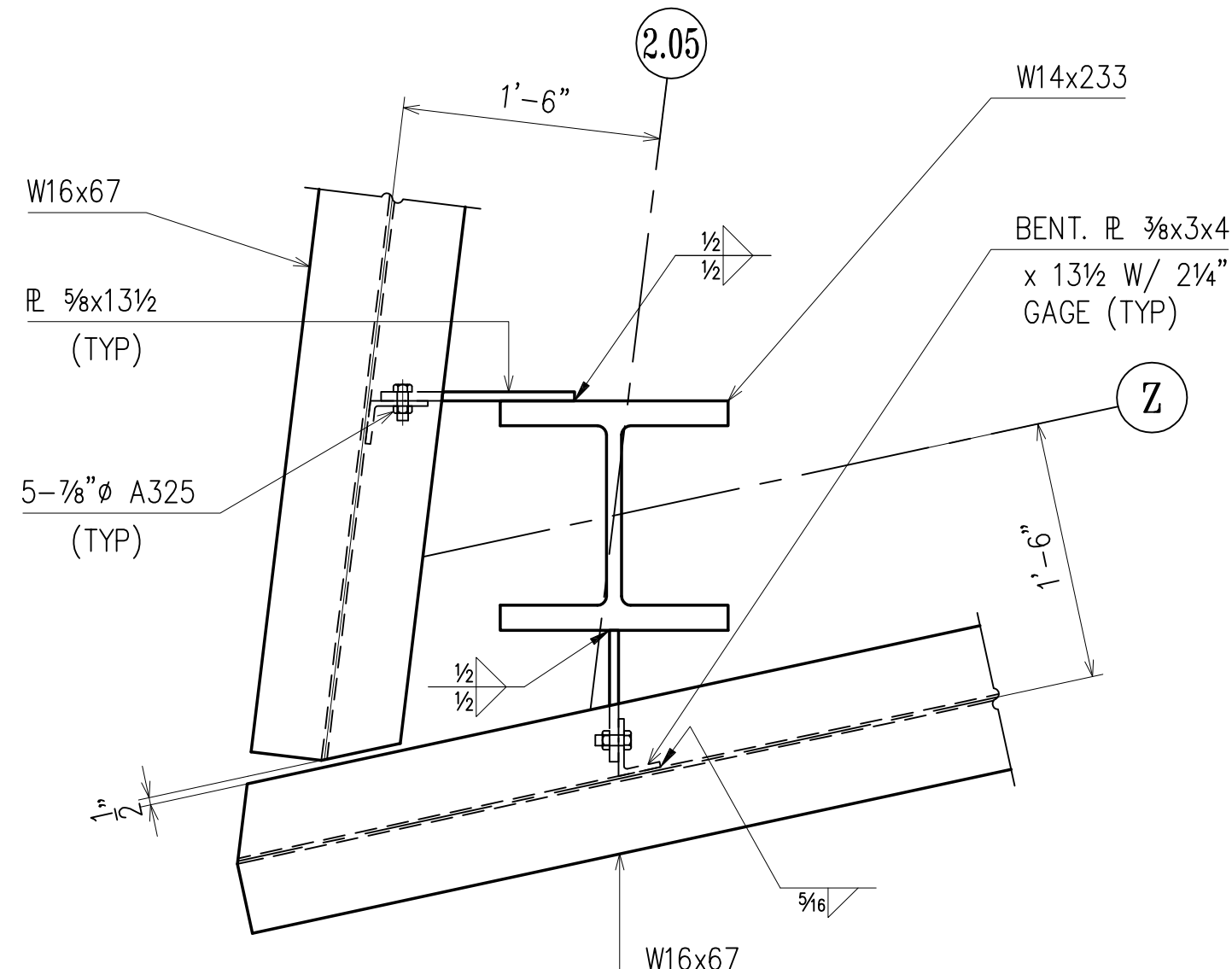
IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN
HEREIN HAS THE AFFIRMATION OF THE APPROVAL
AUTHORITY UNLESS NOTED TO THE CONTRARY ON THIS
DRAWING WHEN IT IS RETURNED FROM APPROVAL.

SUBSEQUENT CHANGES TO INFORMATION SHOWN ON
THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE
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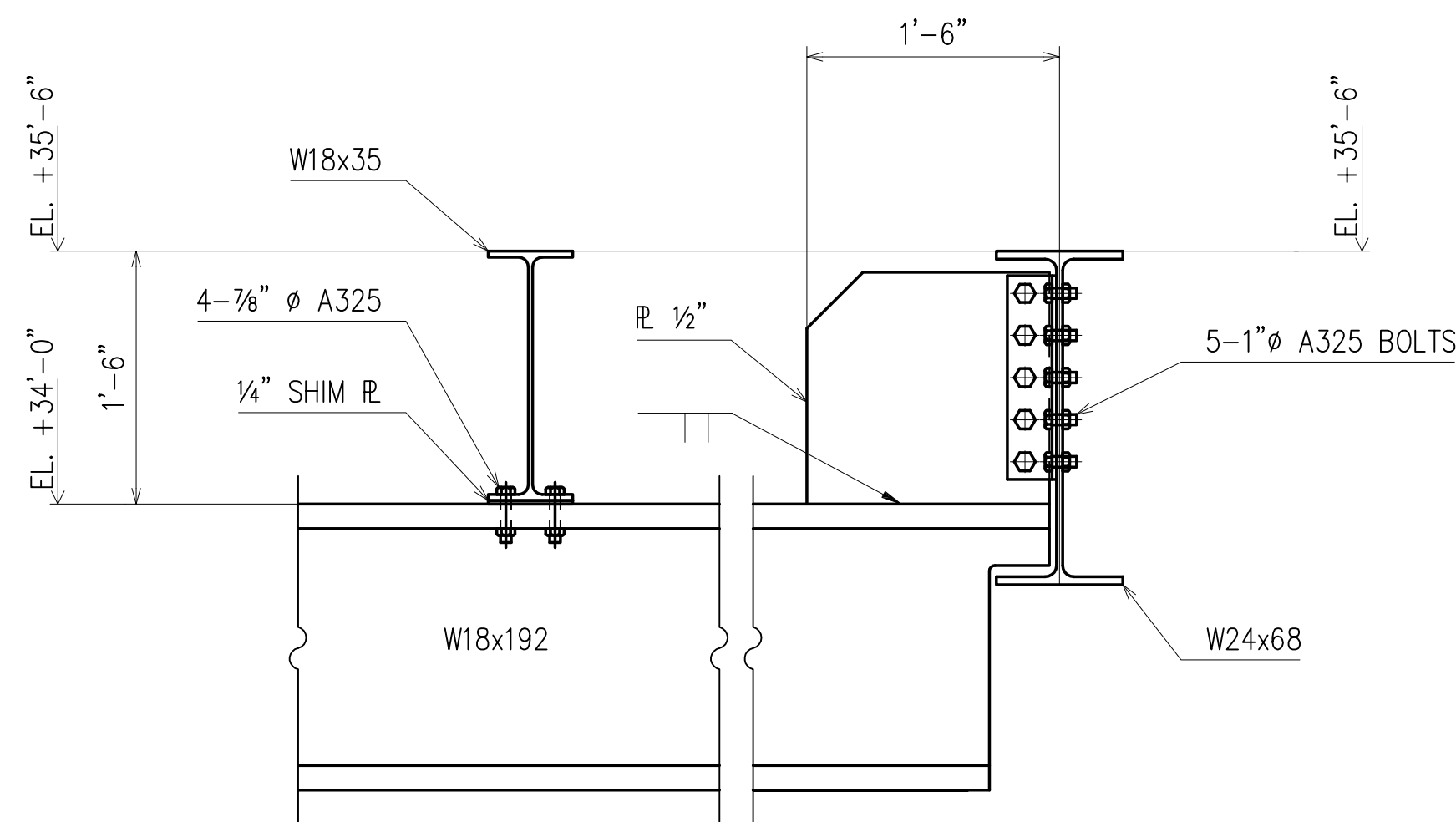
ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.



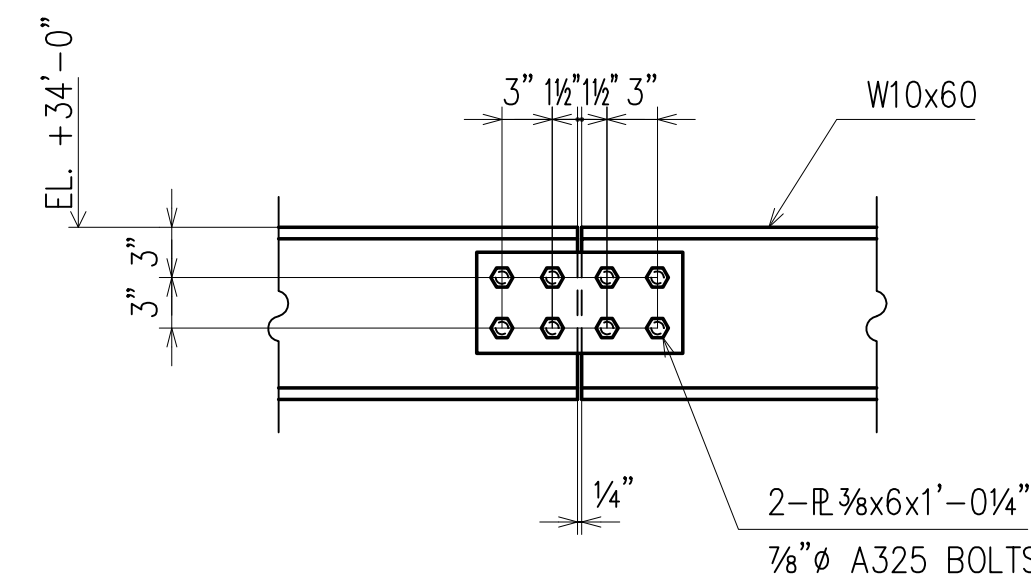
DETAIL A
@ SHT; E5 E22



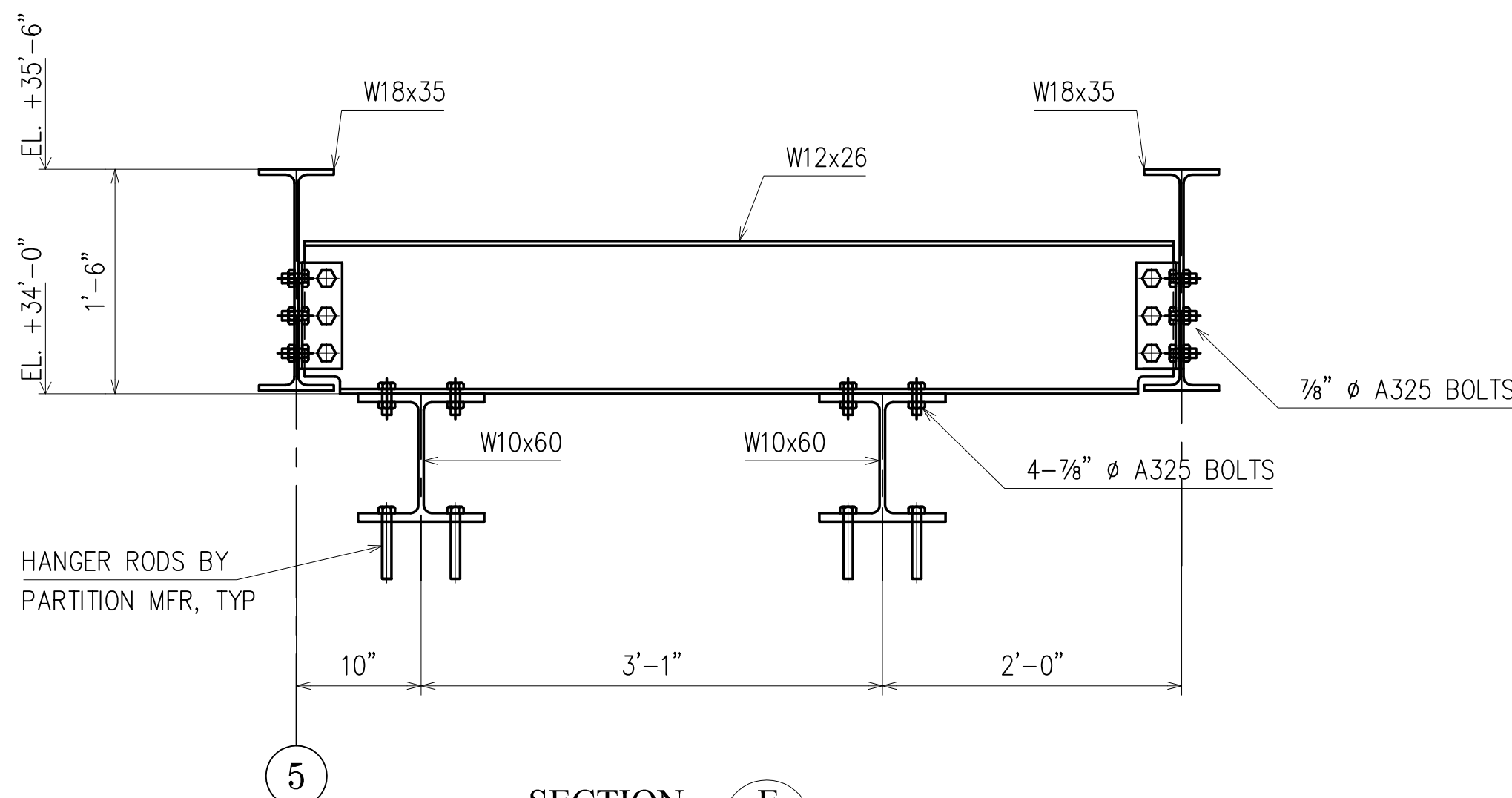
DETAIL B
@ SHT; E10 E22



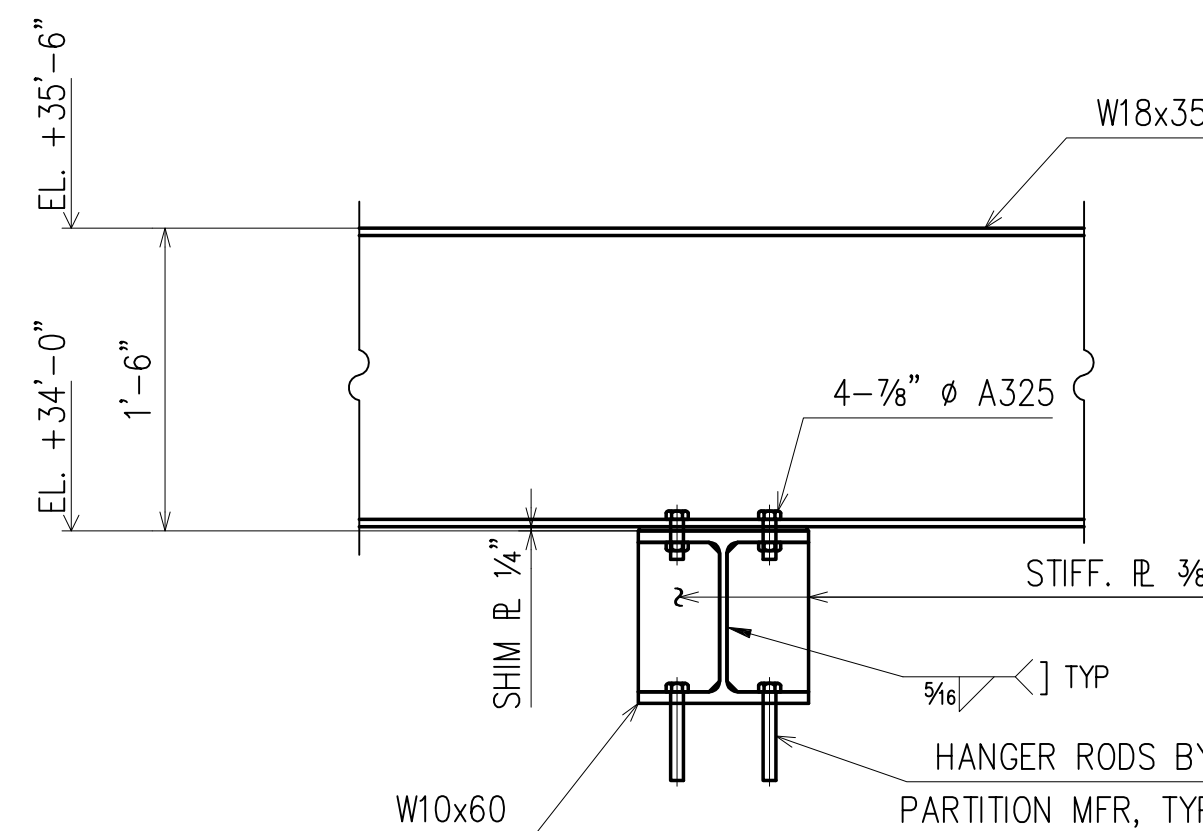
SECTION C
@ SHT; E5 E22



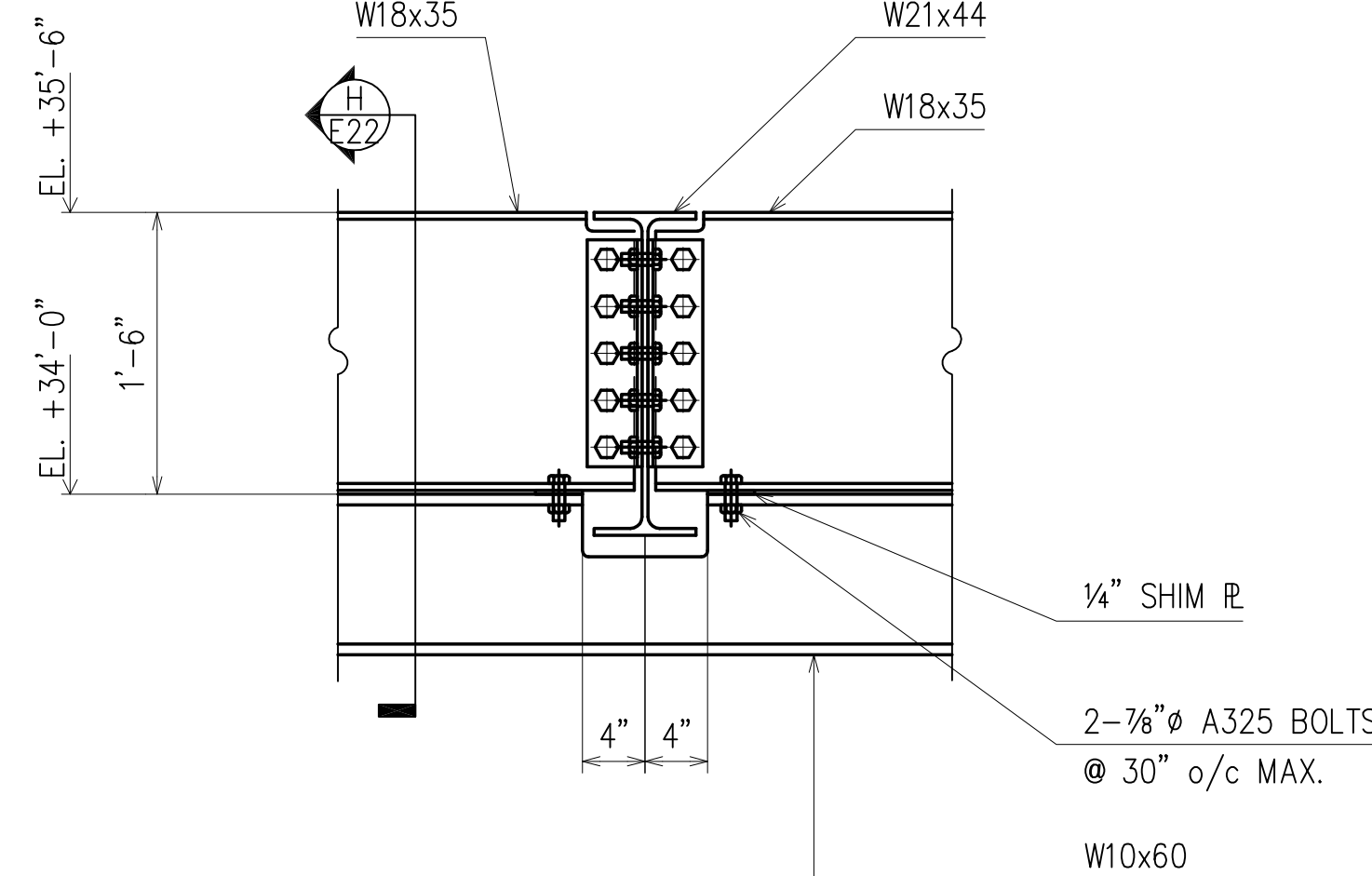
SECTION D
@ SHT; - E22



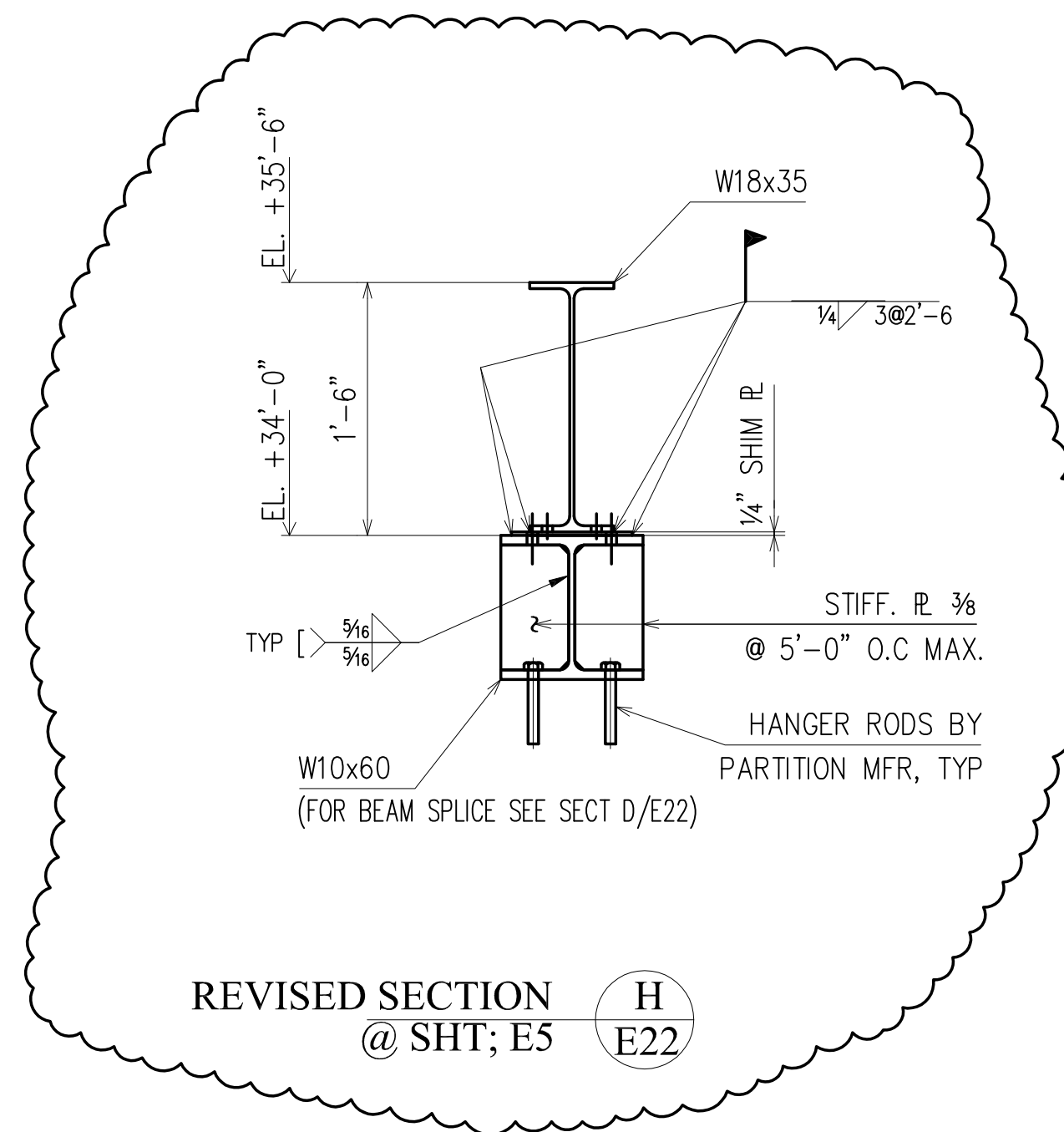
SECTION E
@ SHT; E5 E22



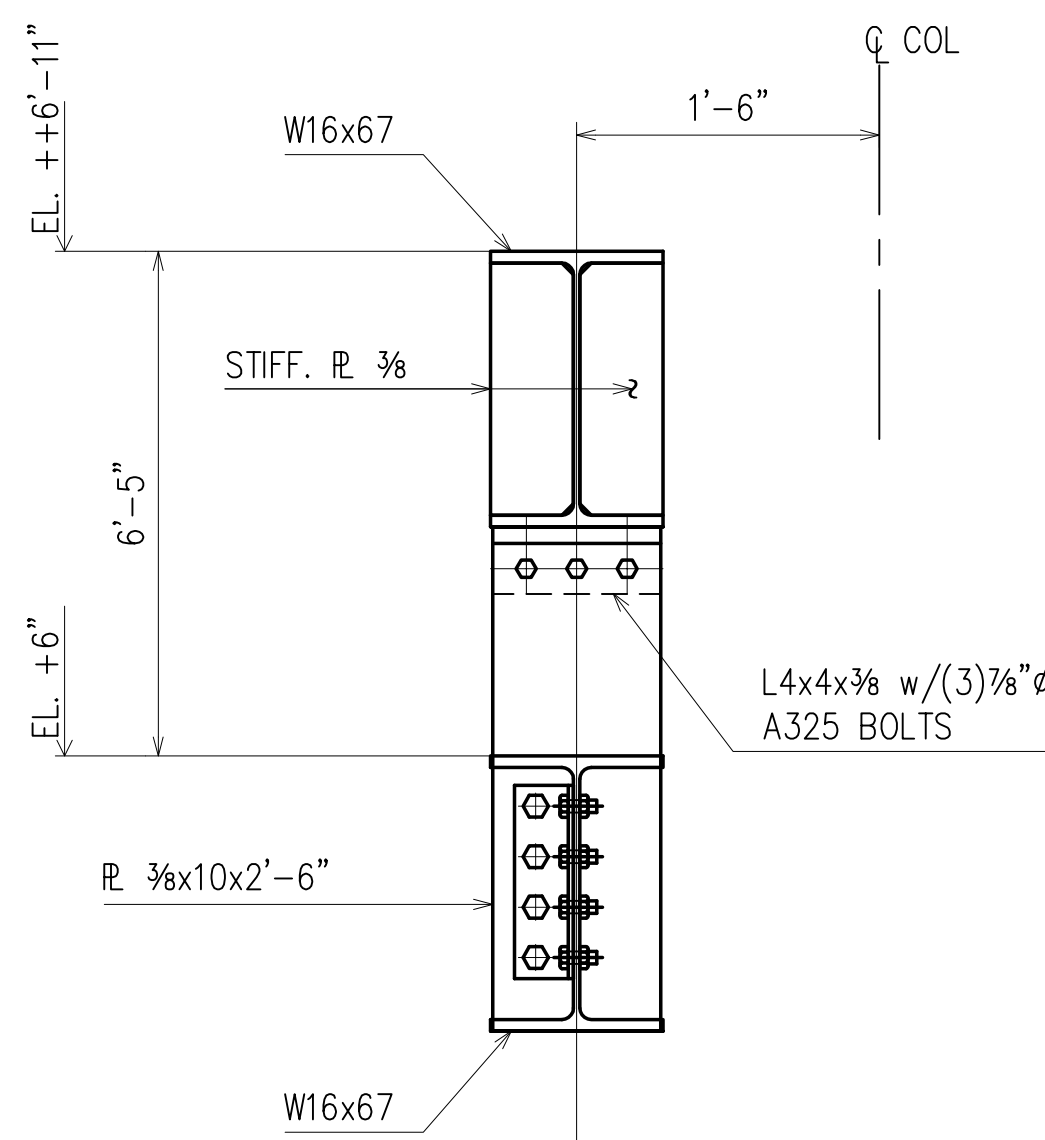
SECTION F
@ SHT; E5 E22



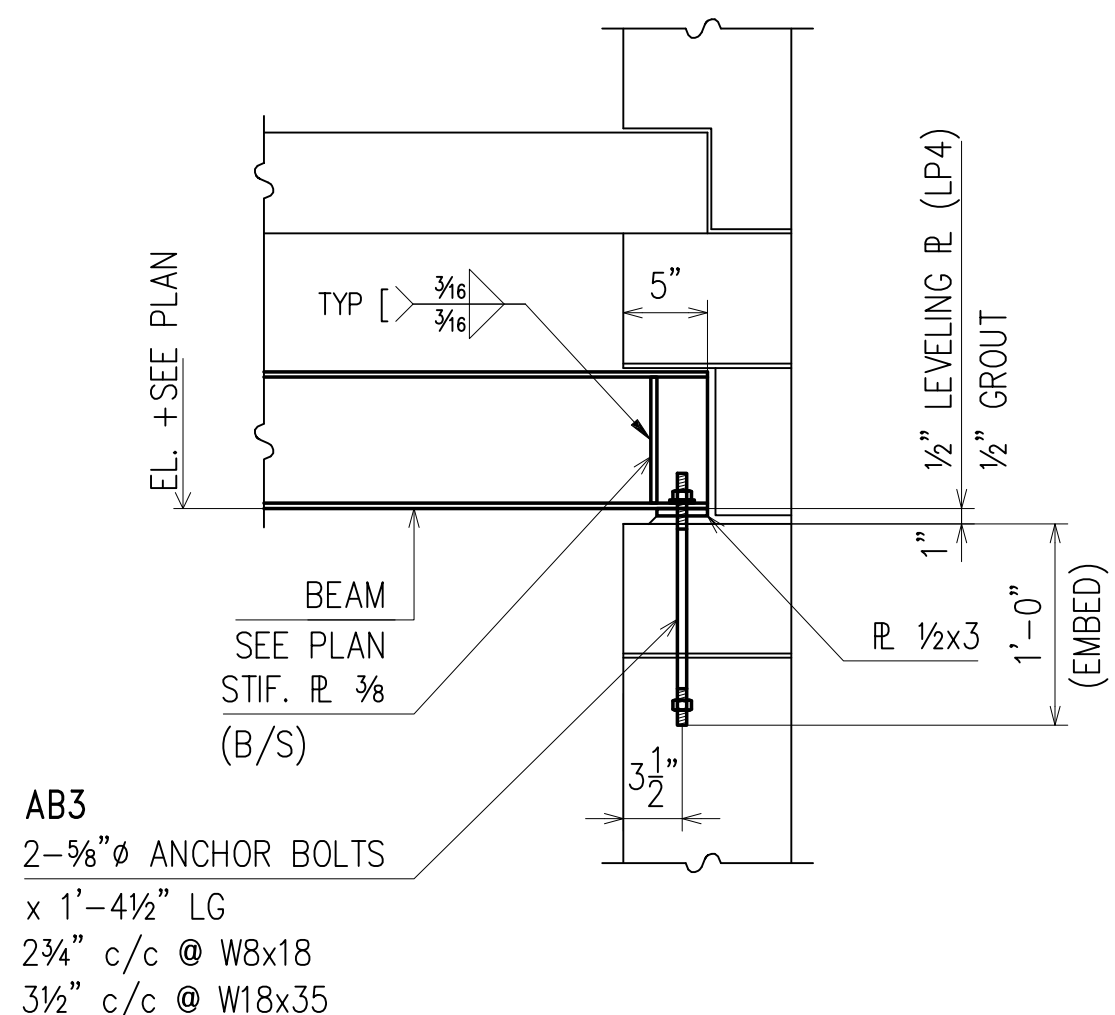
SECTION G
@ SHT; E5 E22



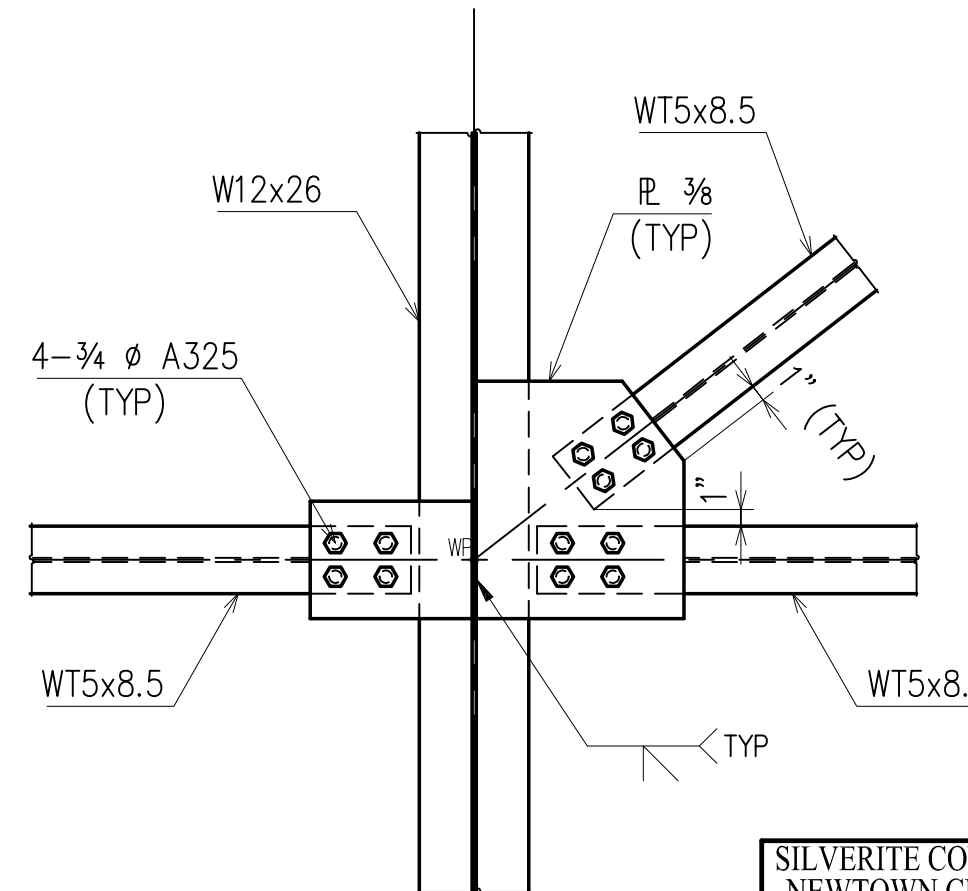
REVISED SECTION H
@ SHT; E5 E22



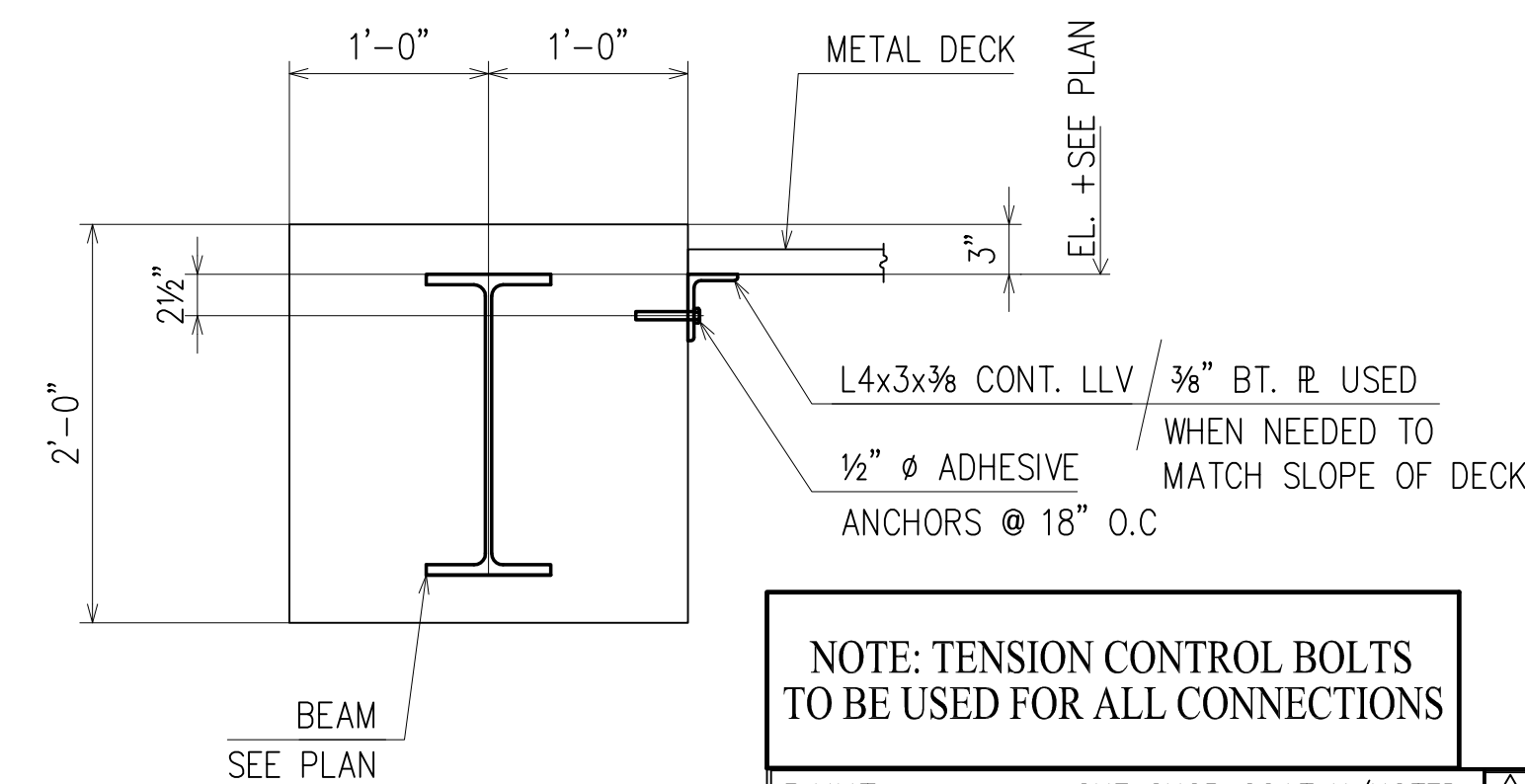
SECTION J
@ SHT; E10 E22



SECTION K
@ SHT; E10 E22



DETAIL L
@ SHT; E7 E22



SECTION M
@ SHT'S; E8, E9 E22

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G
DATE: 1/23/03
CONTRACT NUMBER: NC-30G
ITEM: PLANS
PAGE NO.: 821 THRU 836
PARA NO.: 2.01
DRAWING NO.: 30G-315-D1 THRU 30G-315-58
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING
SUBMITTAL NO.:
APPROVED BY:

DRAWINGS PREPARED BY:
DIVISION FIVE DETAILING INC.
1770 Gallagher Drive
Vineland, New Jersey 08360
Phone: (856) 794-9474
Fax: (856) 696-2027

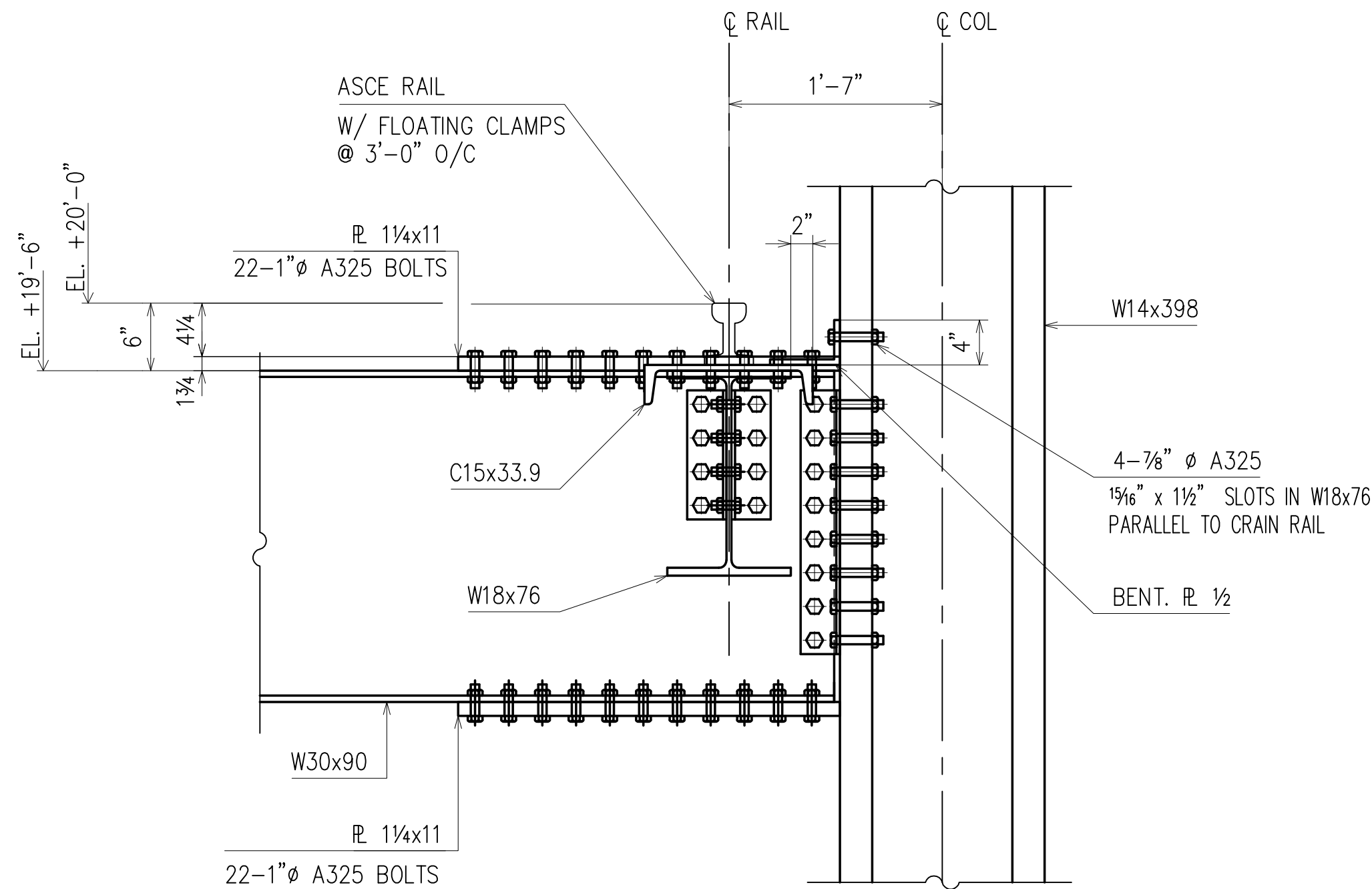
NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

PAINT	ONE SHOP COAT U/NOTED	3/5	FOR FIELD (SEQ#5-26)		
MATERIAL	A572 GR.50 U/NOTED	1/24	PER APPRVL		
HOLES	15/16" U/NOTED	11/18	PER APPRVL (1104)		
ELECTRODES	E70XX	1/30	PER CHECK	5/23	FOR FIELD (SEQ#27-58)
TOTAL WEIGHT	NO DATE	DESCRIPTION	NO DATE	DESCRIPTION	
DIAG. REF #					

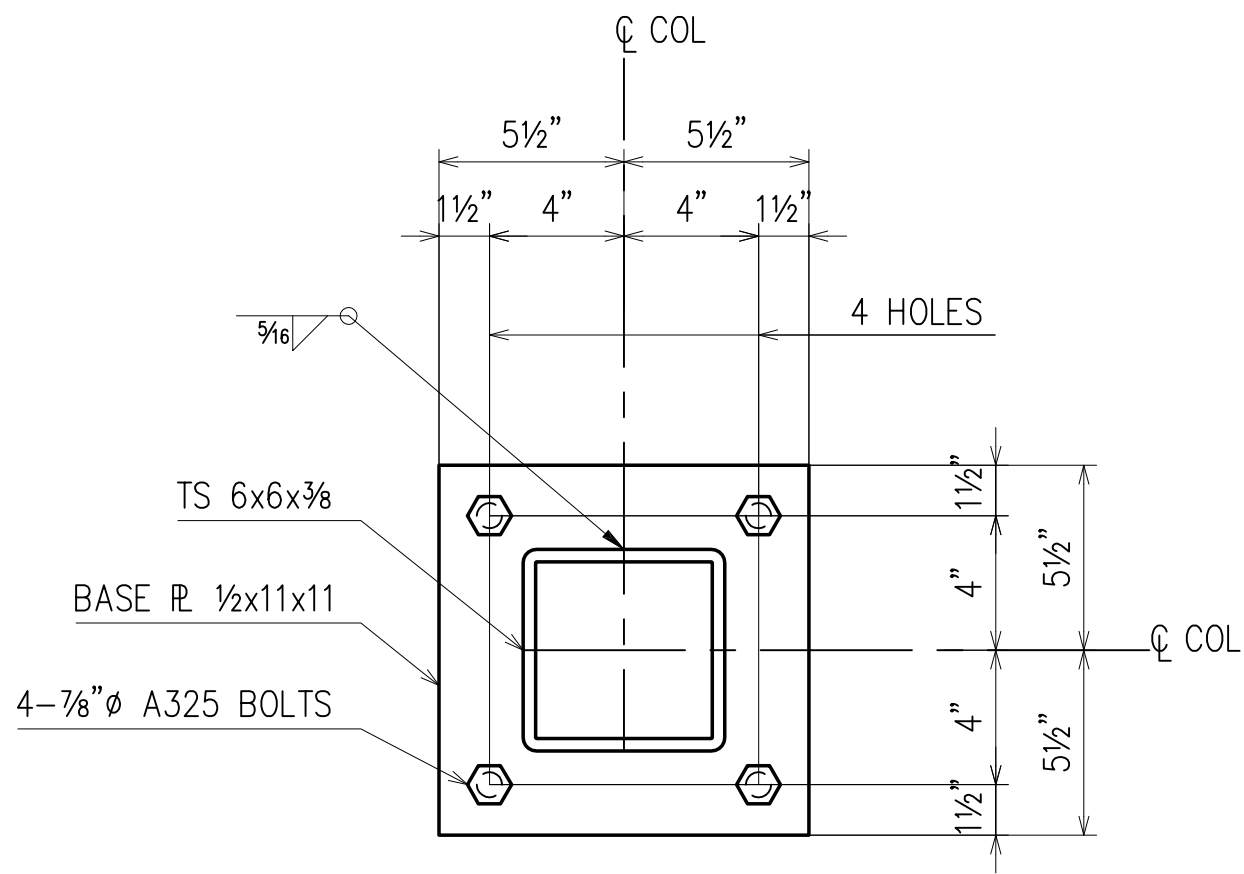
WEIR WELDING CO. INC.

DRAFTER	TN	NC-30G	CONTRACT NO.	S-615
DATE	08/14/01		DWG NO.	E22-S
CHECKED		MAIN BUILDING SOUTH		
DATE				

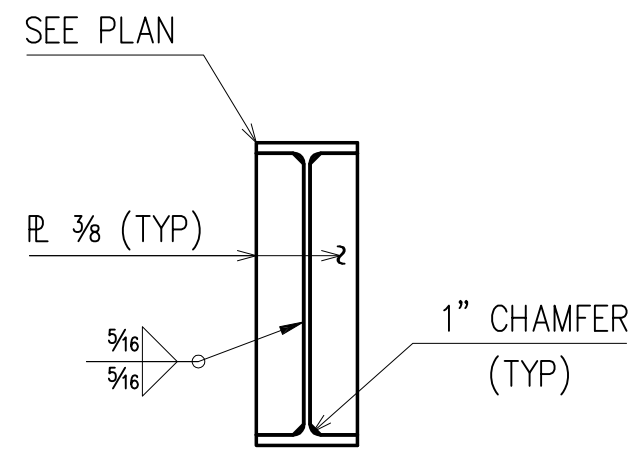
APPROVAL/REVIEW AUTHORITY:
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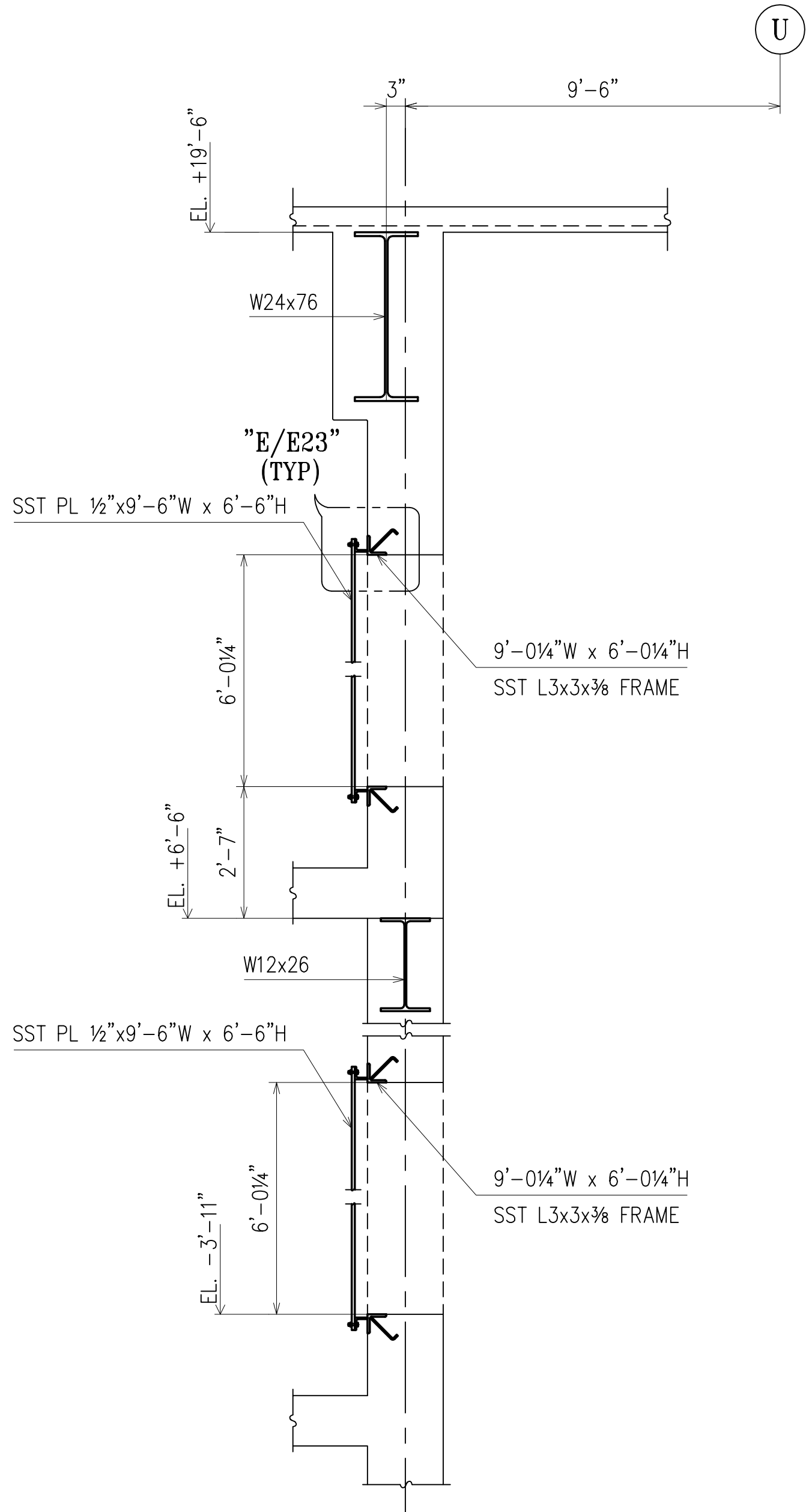
SECTION **A**
@ SHT.; E2 **E23**



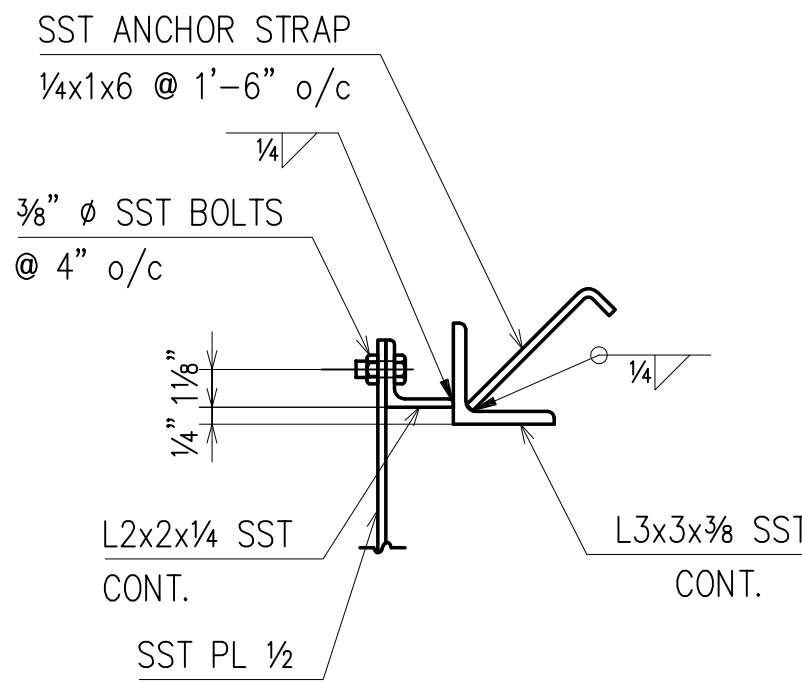
DETAIL **B**
@ SHT.; E17 **E23**



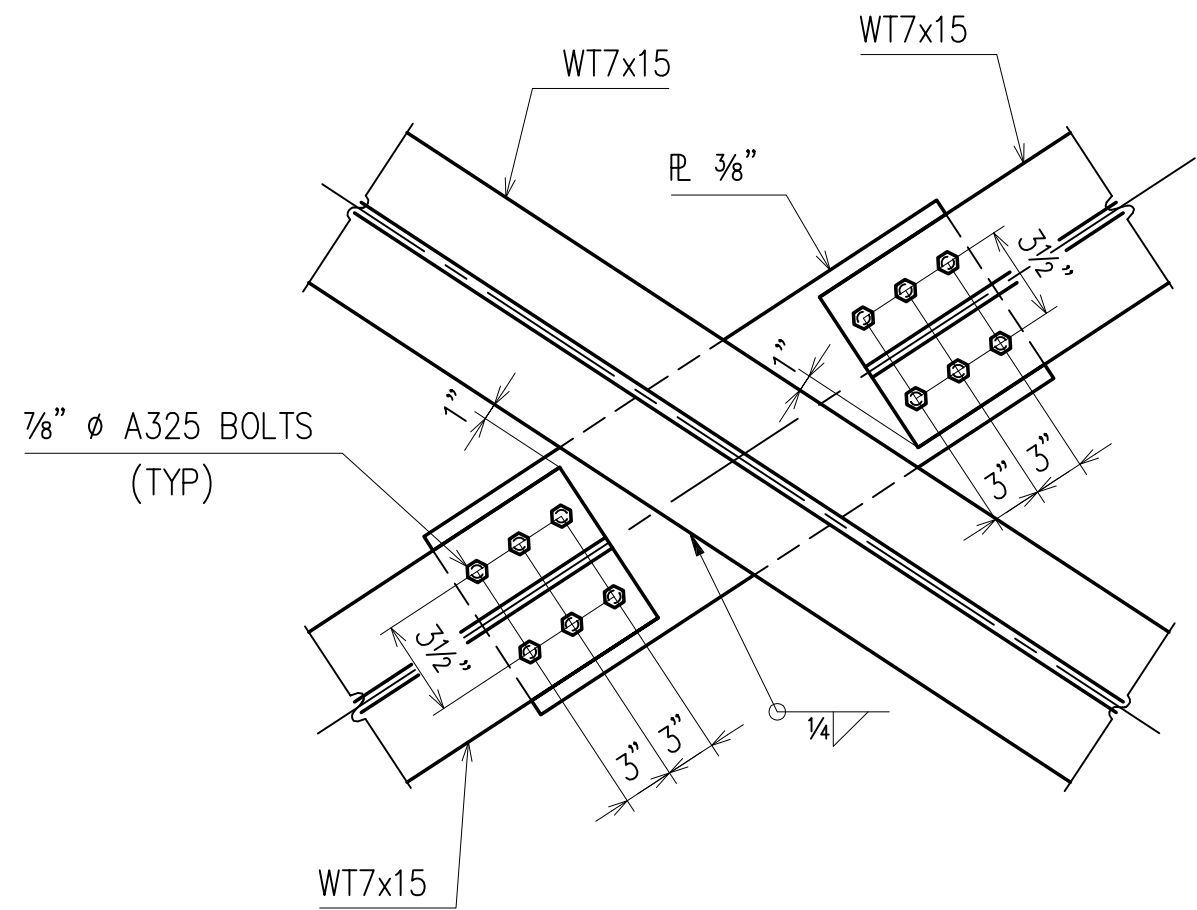
DETAIL **C**
@ SHT.; E23 **E23**



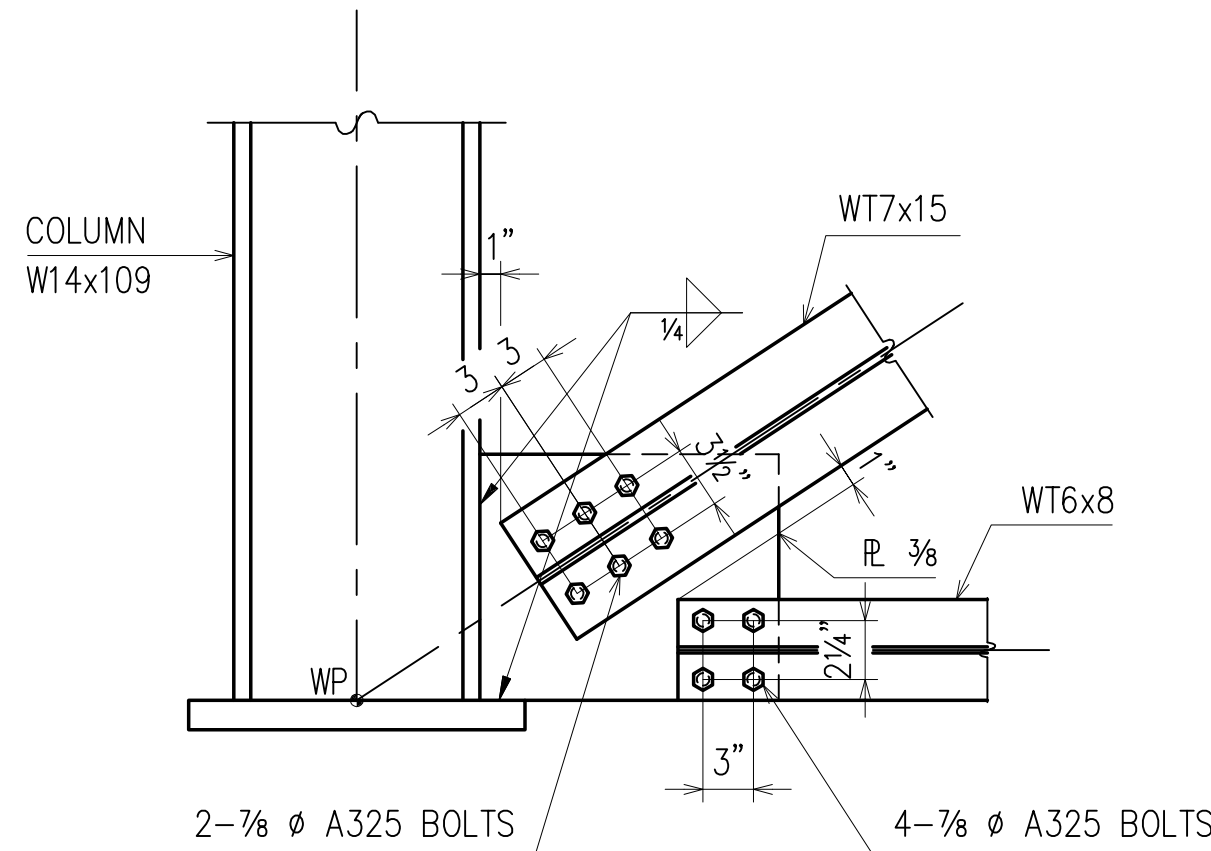
SECTION **D** (BY OTHERS)
@ SHT.; E10 **E23**



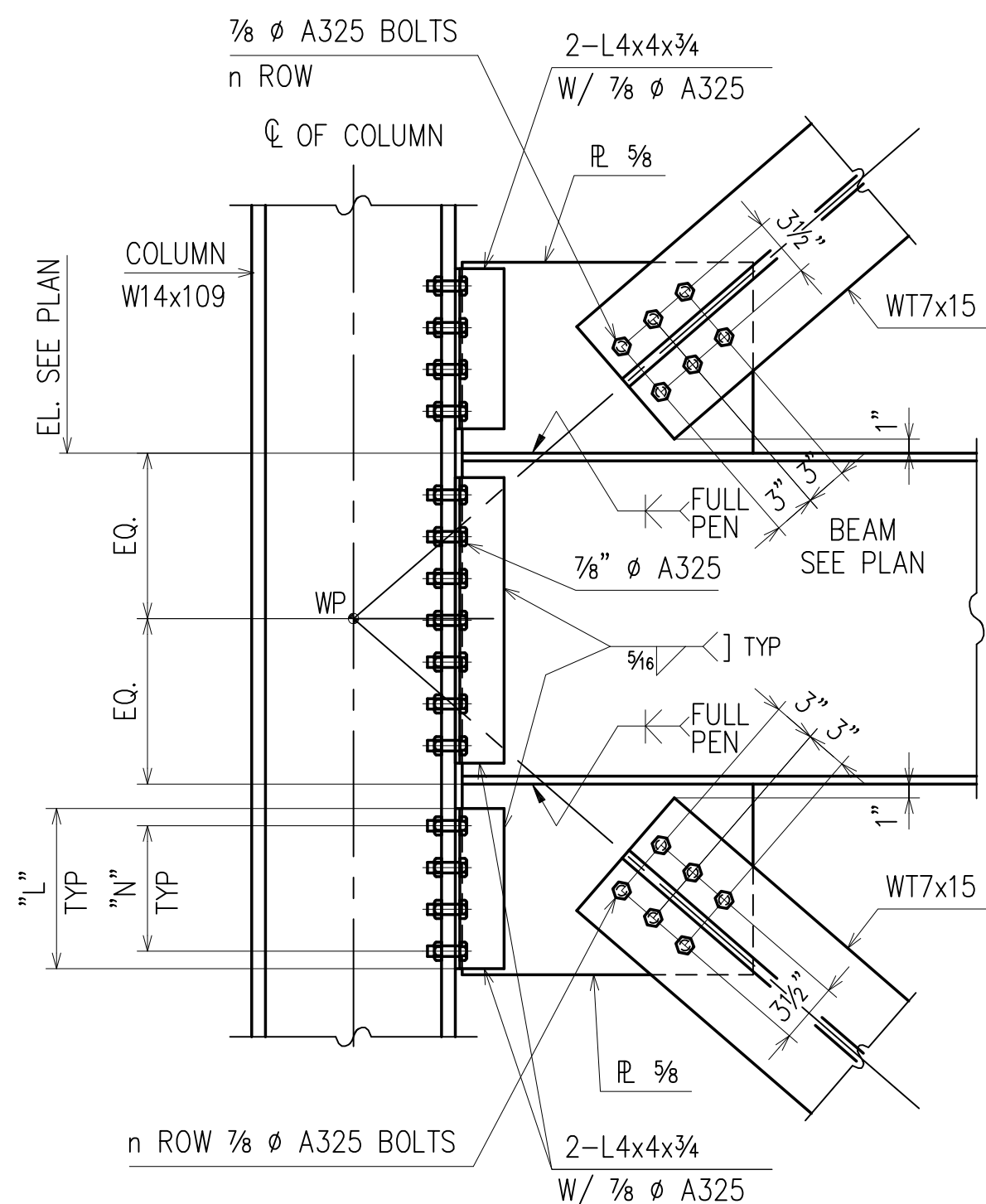
SECTION **E** (BY OTHERS)
@ SHT.; E17 **E23**



SECTION **F**
@ SHT.; E17 **E23**



SECTION **G**
@ SHT.; E17 **E23**



SECTION **H**
@ SHT.; E17 **E23**

BEAM	N	L (in)	D (in)
W12	4	12	7/8" ϕ
W14	4	12	7/8" ϕ
W18	5	15	7/8" ϕ
W24	6	18	7/8" ϕ
W30	6	18	7/8" ϕ

WT	n
7x15	3
8x38.5	3
10.5x50.5	4
12x58.5	4
15x105.5	5

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

DATE: 1/29/03
CONTRACT NUMBER: NC-30G
ITEM: PLANS
SPECIFICATION SECTION: 05120
PAGE NO.: 821 THRU 836
PARA NO.: 2.01
DRAWING NO.: 30G-31S-01 THRU 30G-31S-58
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING
APPROVED BY:

DRAWINGS PREPARED BY:

DIVISION FIVE DETAILING INC.
 1770 Gallagher Drive
 Vineland, New Jersey 08360
 Phone: (856) 794-9474
 Fax: (856) 696-2027

**NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS**

PAINT	ONE SHOP COAT U/NOTED	4/1/24	PER APPRVL		
MATERIAL	A572 GR.50 U/NOTED	3/11/18	PER APPRVL(1104)		
HOLES	15/16" U/NOTED	2/1/30	PER SPEC		
ELECTRODES	E70XX	1/2/31	PER CHECK	5/3/5	FOR FIELD (SEQ#5-26)
TOTAL WEIGHT	NO DATE	DESCRIPTION	NO DATE	DESCRIPTION	
DIAG. REF #				REVISIONS	

WEIR WELDING CO. INC.

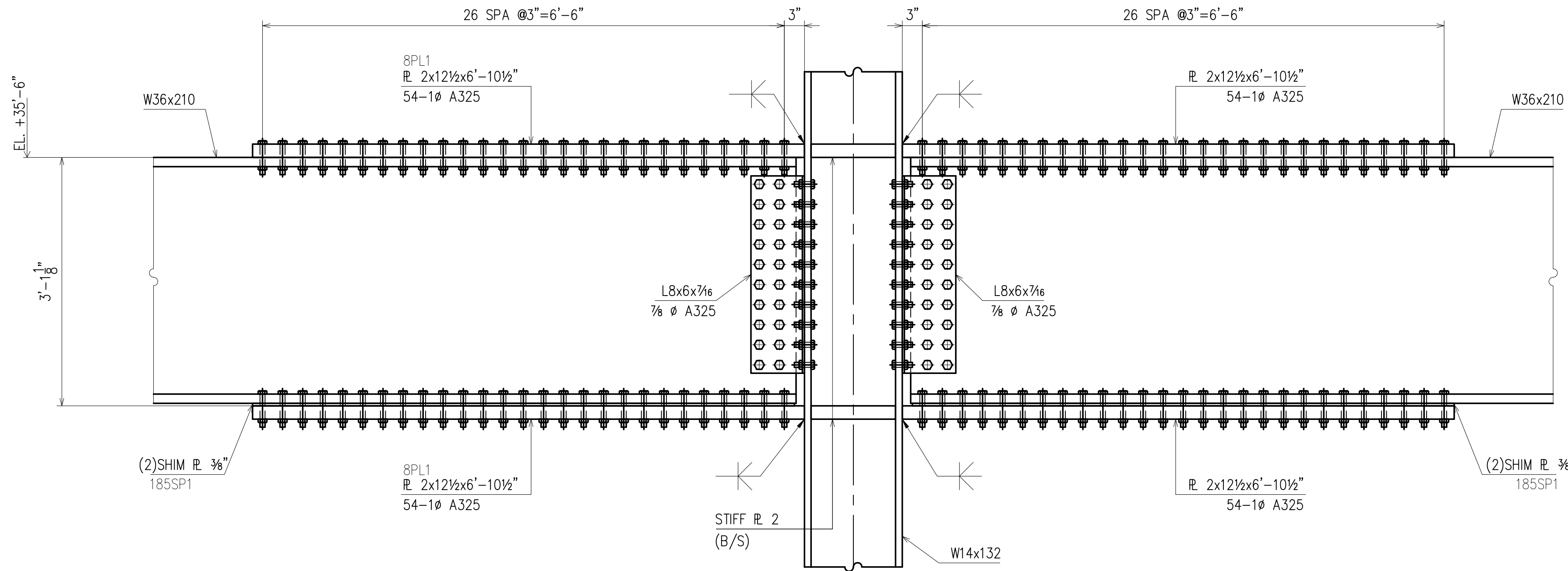
DRAFTER	TN	NC-30G	CONTRACT NO.	S-615
DATE	08/14/01		DWG NO.	E23-S
CHECKED	JBIII	MAIN BUILDING SOUTH		
DATE	01/30/02			

APPROVAL/REVIEW AUTHORITY:
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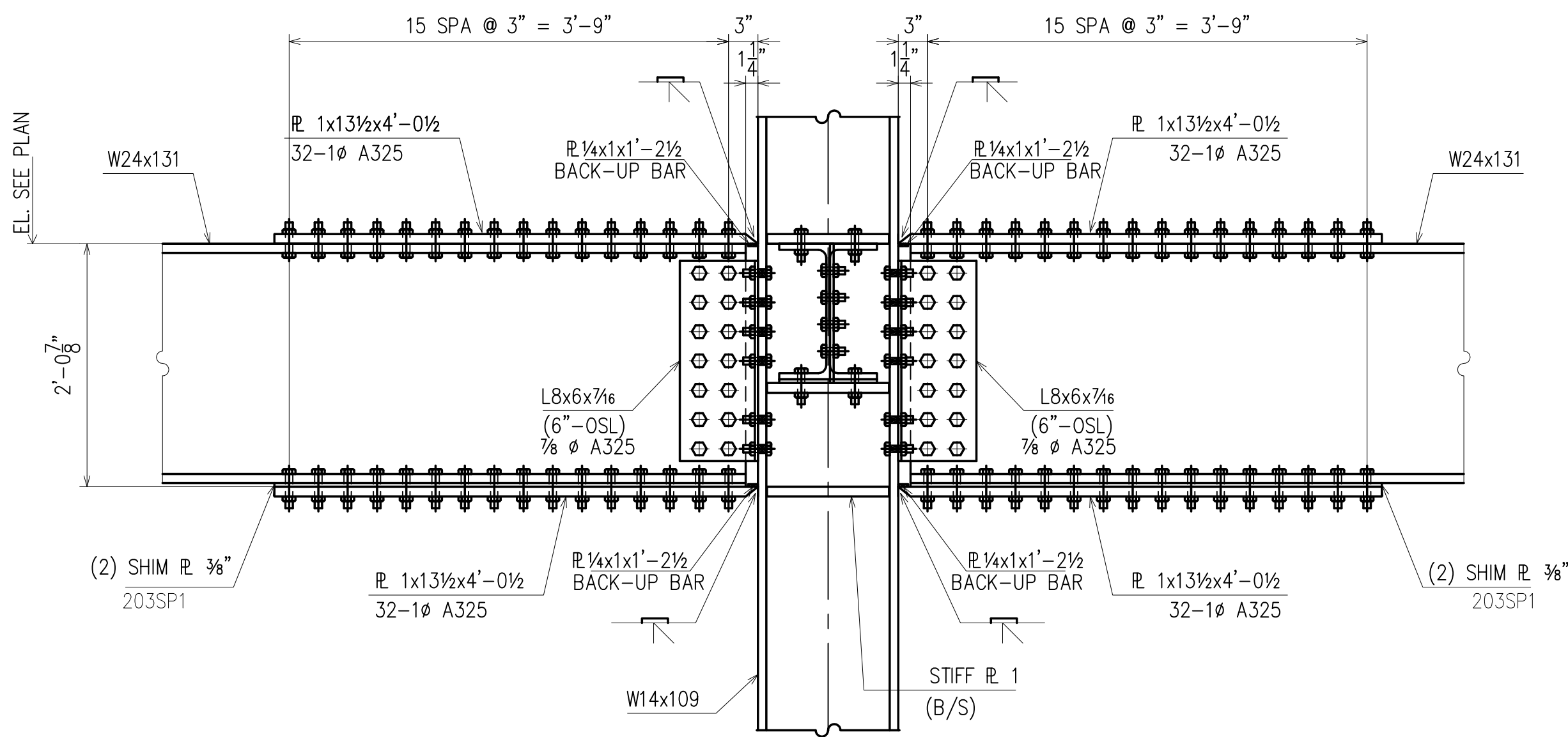
IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN HEREIN HAS THE AFFIRMATION OF THE APPROVAL AUTHORITY UNLESS NOTED TO THE CONTRARY ON THIS DRAWING WHEN IT IS RETURNED FROM APPROVAL.

SUBSEQUENT CHANGES TO INFORMATION SHOWN ON THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE CONSIDERED AS CONTRACT CHANGES.

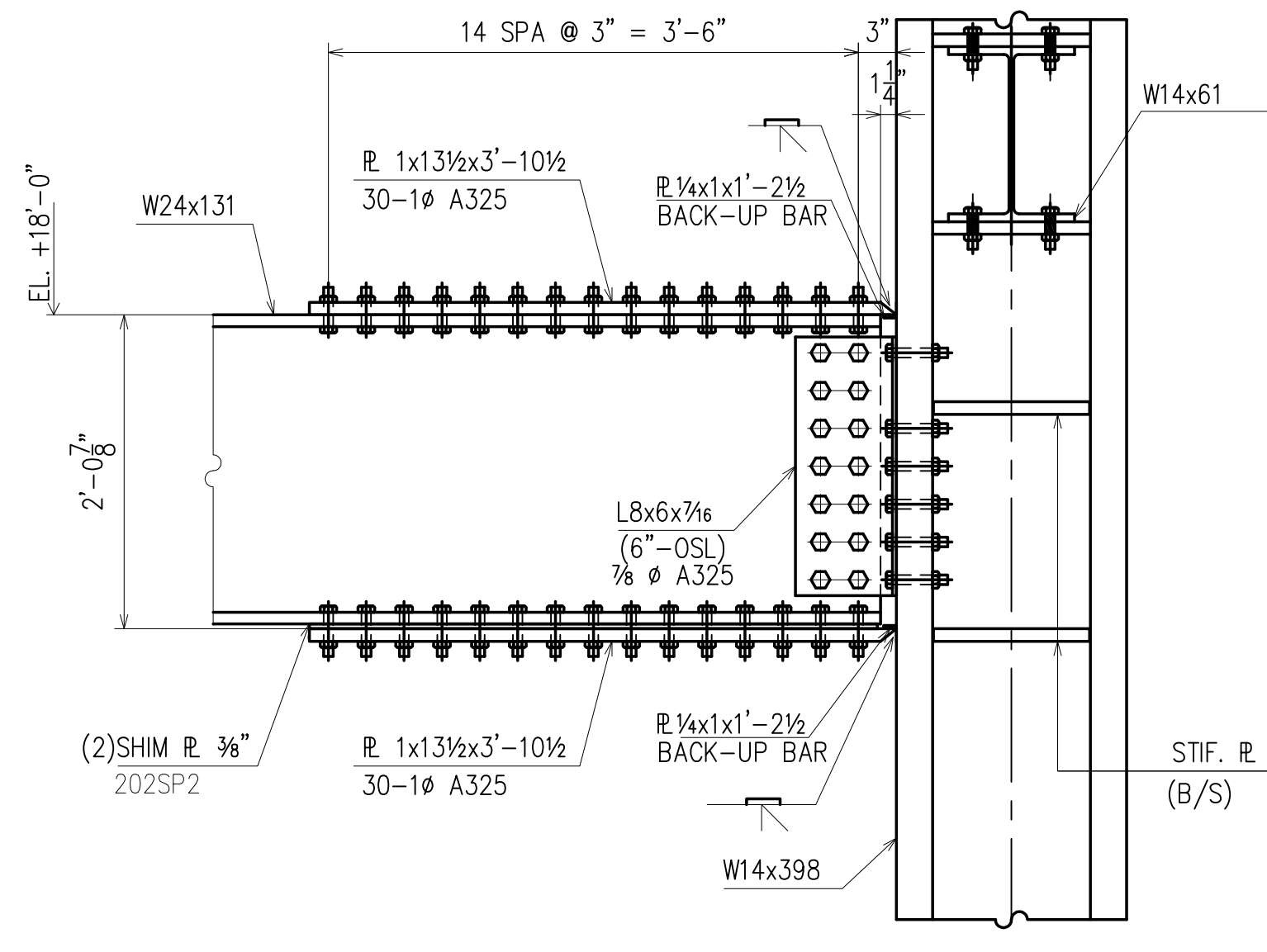
ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.



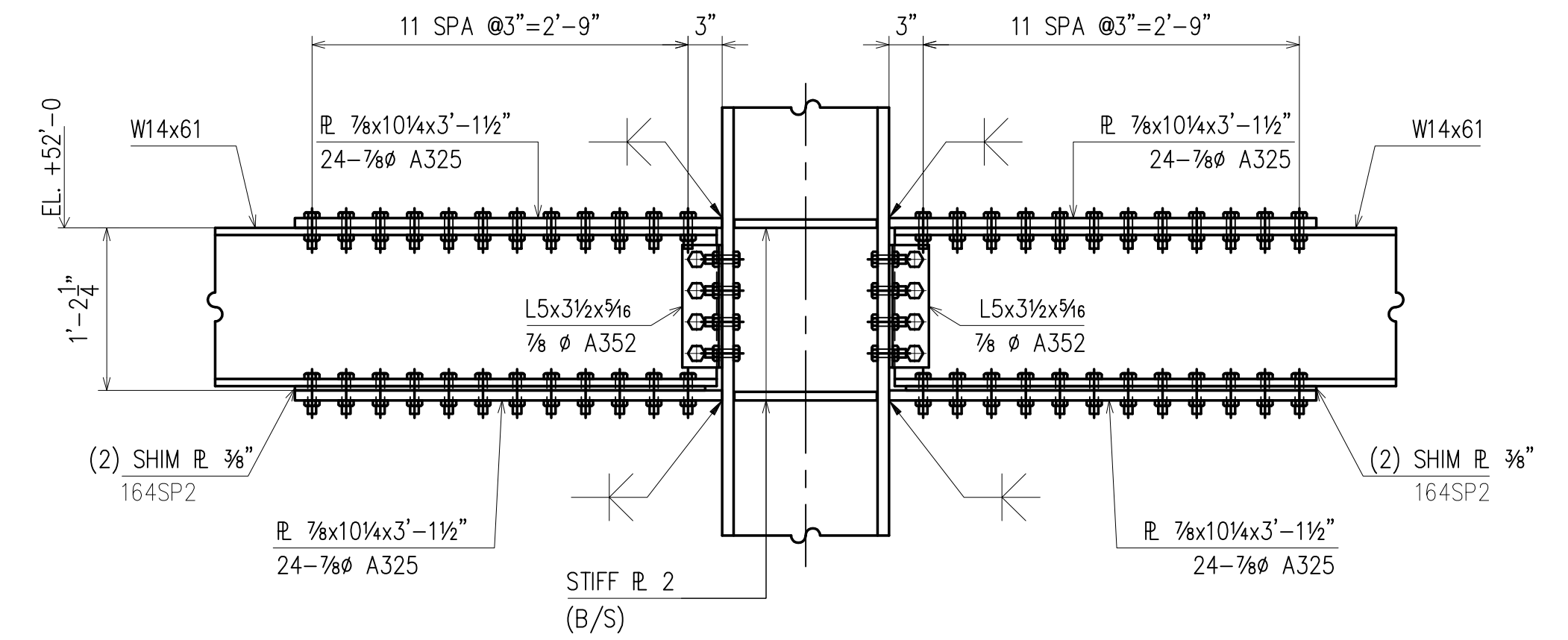
SECTION A
@ SHEET; E4



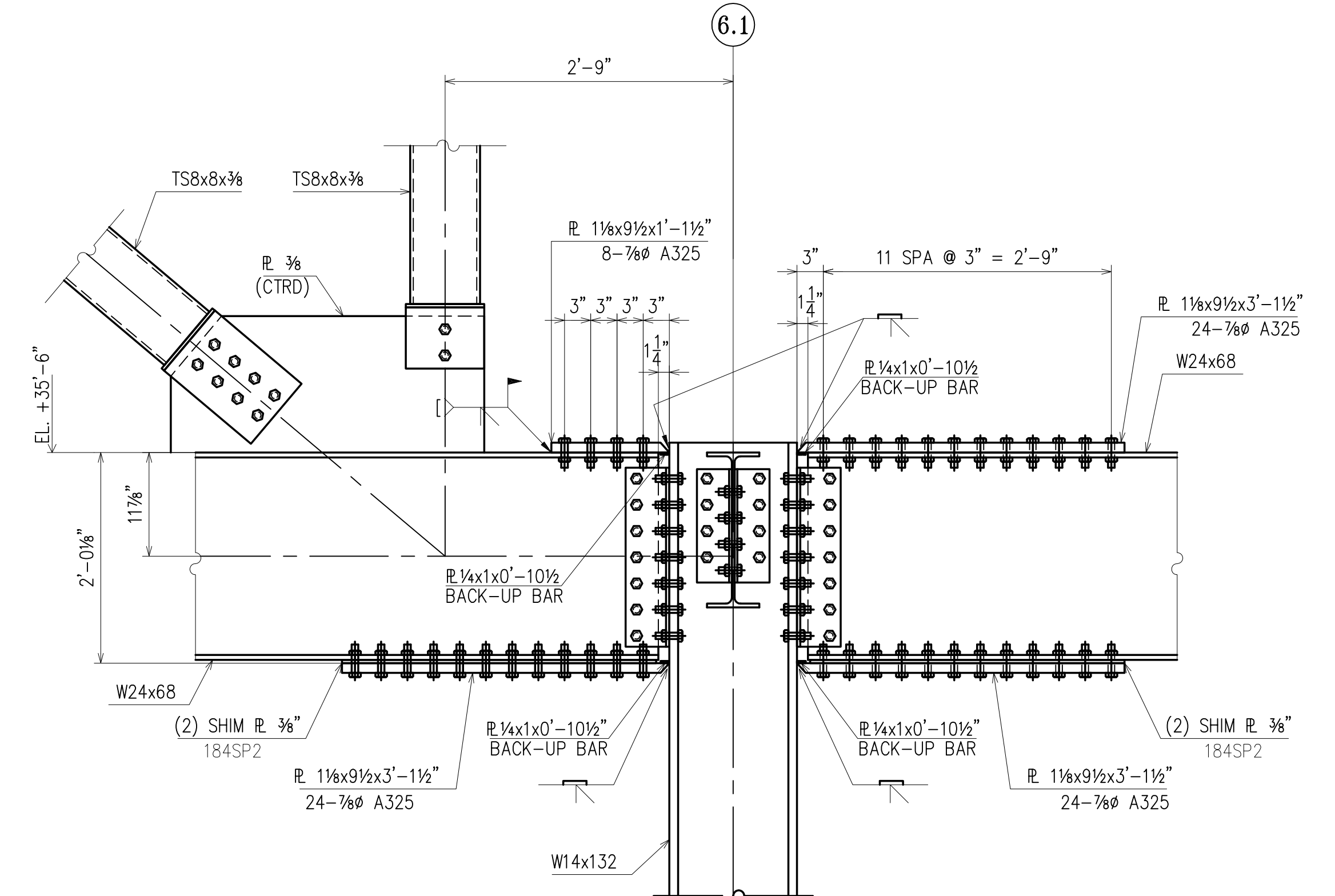
SECTION C
@ SHEET; E3



SECTION D
@ SHEET; E3



SECTION B
@ SHEET; E5



SECTION E
@ SHEET; E5, E16

APPROVAL/REVIEW AUTHORITY:
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ADOPTED BY THE NATIONAL INSTITUTE OF STEEL DETAILING 1977.

NOTE: TENSION CONTROL BOLTS
TO BE USED FOR ALL CONNECTIONS

PAINT	ONE SHOP COAT U/NOTED	3/21	PER APPRVL		
MATERIAL	A572 GR.50 U/NOTED	3/5	FOR FELD (SEQ#5-26)		
HOLES	15/16" U/NOTED	1/24	PER APPRVL		
ELECTRODES	E70XX	11/18	PER APPRVL(1104)		
TOTAL WEIGHT		NO DATE	DESCRIPTION	NO DATE	DESCRIPTION
DIAG. REF #					REVISIONS

SILVERITE CONSTRUCTION CO., INC.
NEWTOWN CREEK W.P.C.P. WP-283
FINAL UPGRADE PROJECT NC-30G

DATE: 9/5/02
CONTRACT NUMBER: NC-30G
ITEM: PLANS
SPECIFICATION SECTION: 05120
PAGE NO.: 821 THRU 836
PARA NO.: 2.01
DRAWING NO.: 30G-31S-D1 THRU 30G-31S-68
LOCATION: MAIN BLDG. SOUTH
MANUFACTURER: WEIR WELDING
SUBMITTAL NO.:
APPROVED BY:

DRAWINGS PREPARED BY:
DIVISION FIVE DETAILING INC.
1770 Gallagher Drive
Vineland, New Jersey 08360
Phone: (856) 794-9474
Fax: (856) 696-2027

WEIR WELDING CO. INC.

DRAFTER TN
DATE 05/21/02
CHECKED
DATE

NC-30G
MAIN BUILDING SOUTH

CONTRACT NO
S-615
DWG NO
E24-S