

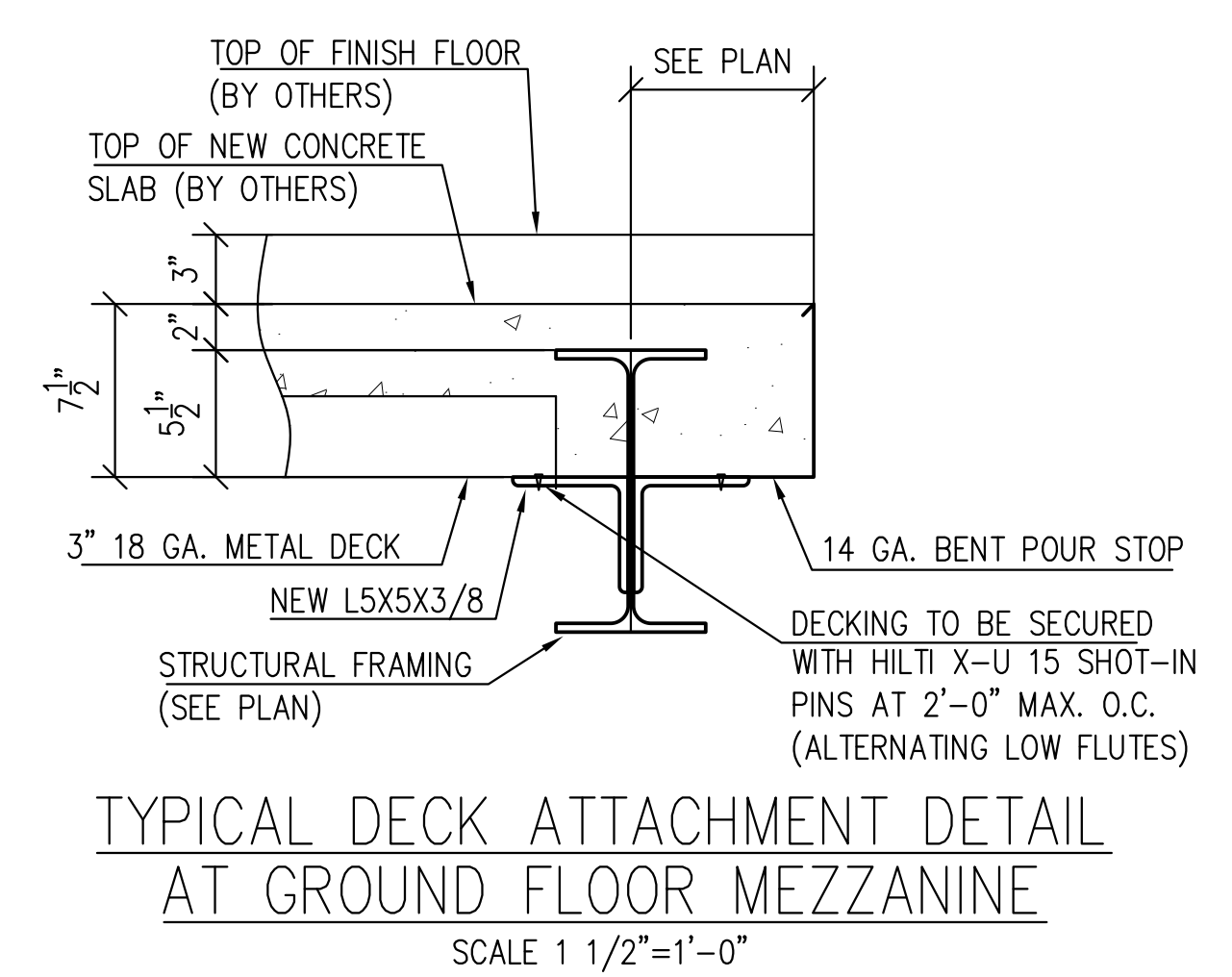
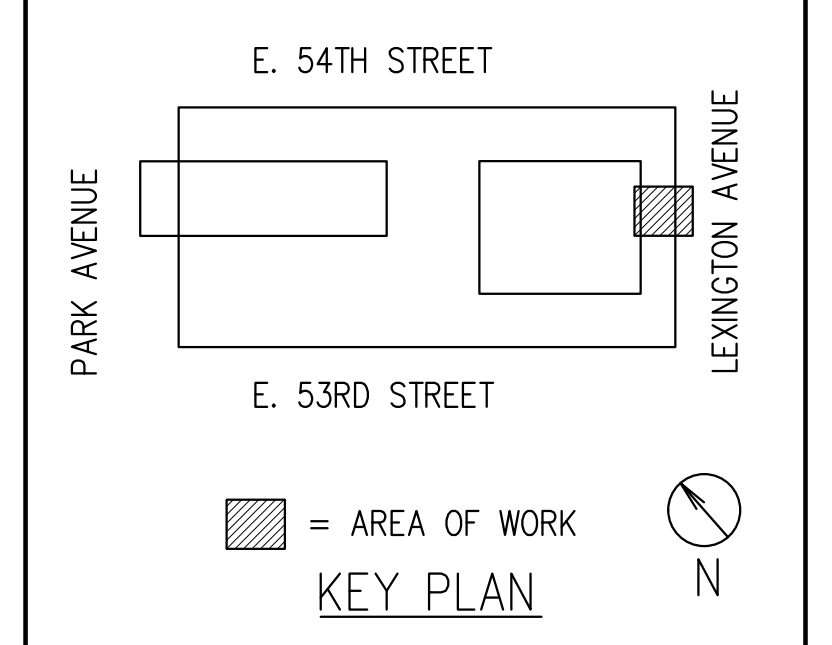
14

10

NOTES:
 - \dashv INDICATES DIRECTION OF NEW 4 1/2" CONCRETE SLAB (BY OTHERS) ON 3" 18 GA. METAL DECK
 - TOP OF EXISTING FINISH FLOOR TO BE EL. +56'-7" U.O.N.
 - TOP OF EXISTING STRUCTURAL SLAB AT EL. +56'-3" U.O.N.
 - TOP OF NEW STRUCTURAL SLAB AT EL. +56'-4" U.O.N.
 - TOP OF NEW STEEL AT EL. +56'-2" U.O.N.

30D6 - 3" 18 GA. METAL DECK - 4'-2" LG. X 3'-0" WIDE - 2 REQ.
30D7 - 3" 18 GA. METAL DECK - 5'-0" LG. X 2'-0" WIDE - 4 REQ.

FRAMING PLAN AT GROUND FLOOR MEZZANINE
 SCALE 1/2"=1'-0"



NOTE:
 "V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION



ALL BOLTS TO BE SNUG FIT U.N.O.

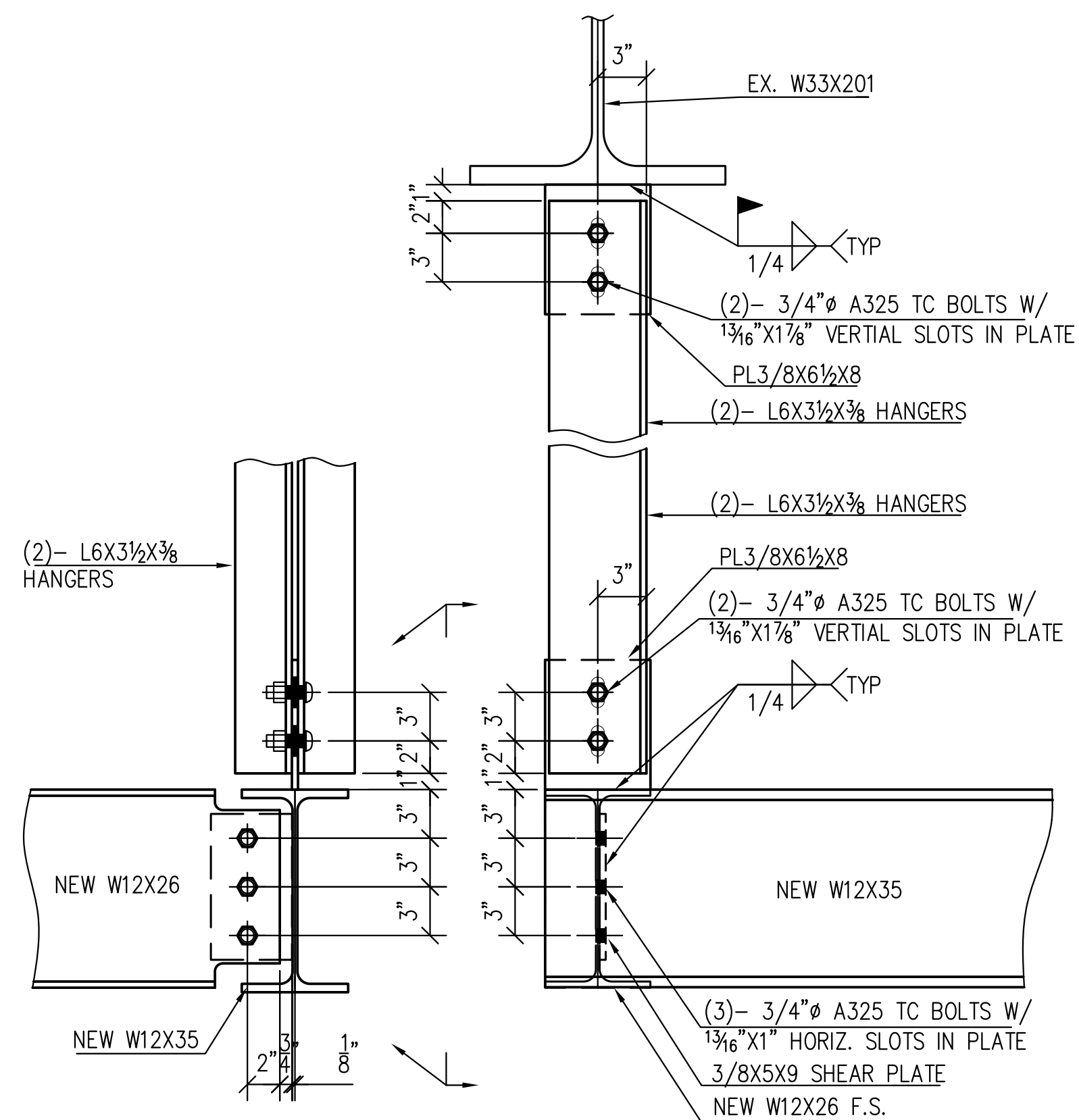
- MATERIALS:**
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
 - PLATES & SHAPES TO BE ASTM A36 (36 KSI)
 - RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
 - ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
 - PIPE TO BE ASTM A500 GRADE B (46 KSI)

REFERENCE DRAWINGS:
 S-101, S-201, S-202

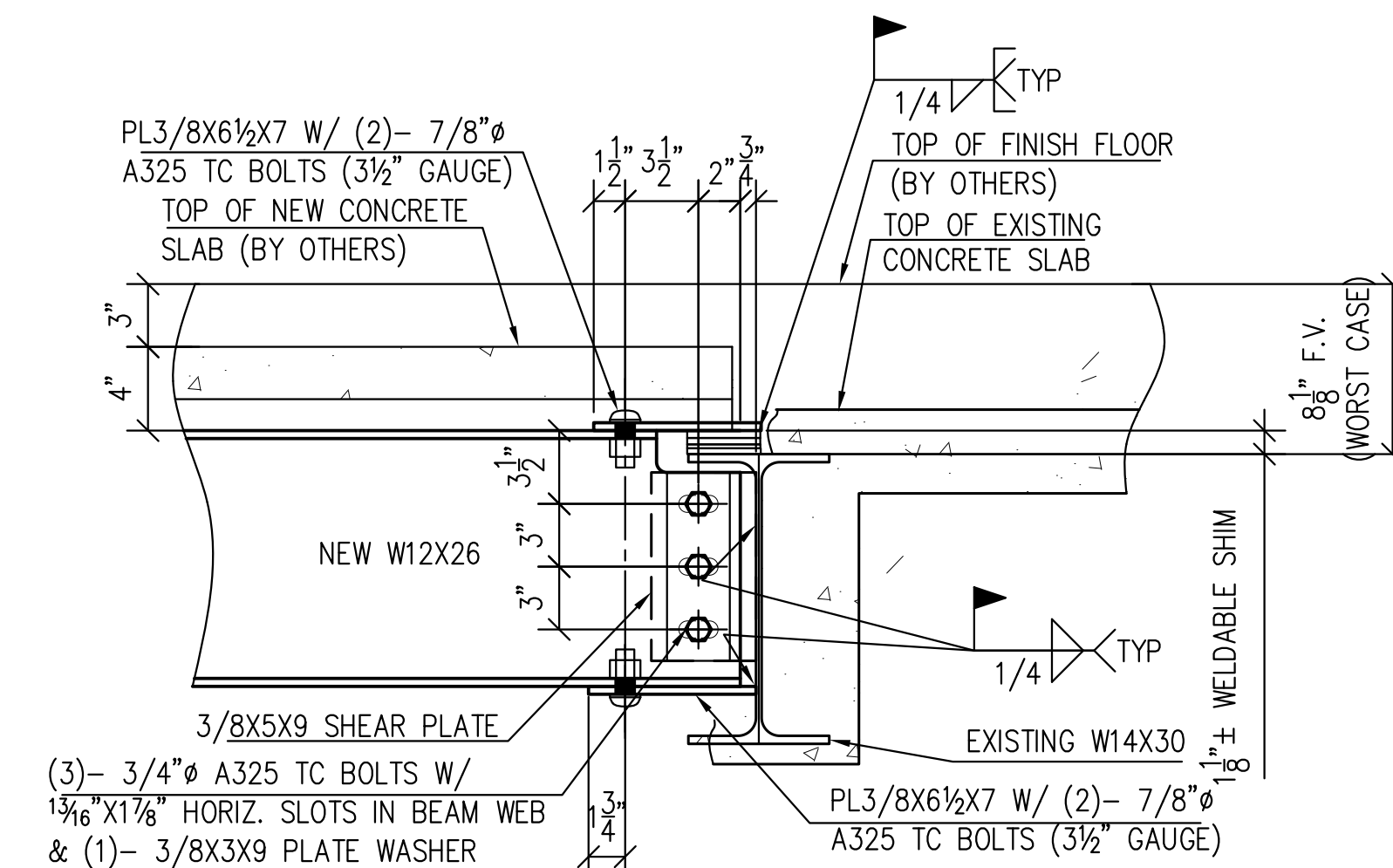
PROJECT: 399 PARK AVENUE
 ADDRESS: 399 PARK AVENUE, NEW YORK, NY 10022
 ARCHITECT: GENSLER ENG: THORNTON TOMASETTI
 CUSTOMER: TURNER CONSTRUCTION CO.
 TITLE: NEW BEAMS & HANGERS AT PARK & LEX ENTRANCES & MEZZ.

REV.	DATE	ISSUED FOR	DRN BY	CHKD BY	DATE
4	5/15/2018	METAL DECK MARKS ADDED	TS		
3	5/4/2018	FABRICATION & ERECTION			
2	4/19/2018	APPROVAL			
1	3/2/2018	APPROVAL			
					2/15/2018

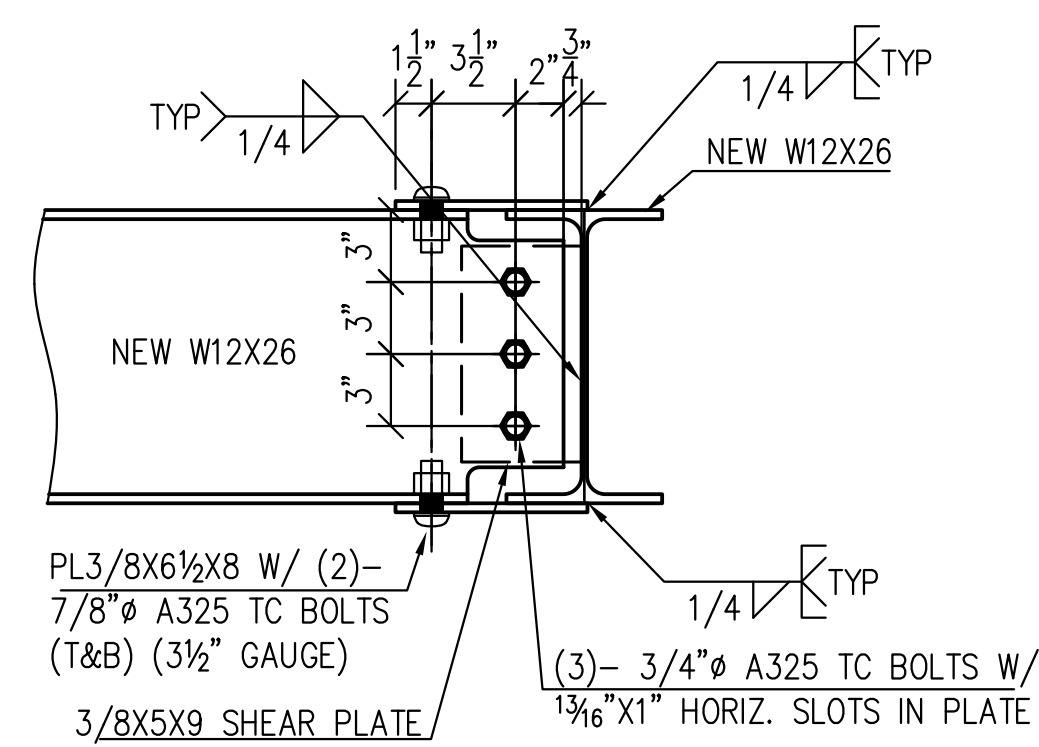
OPEN HOLES: 13/16" ϕ BOLTS: 3/4" ϕ ITEM: 03
 WELDS: A.W.S. A5.1 GR-E70XX CONT. No. 18-007
 FINISH: NONE/MILL FINISH U.O.N. MATERIAL: SEE MATERIALS NOTE
 ME-03
 DWG. No. 3



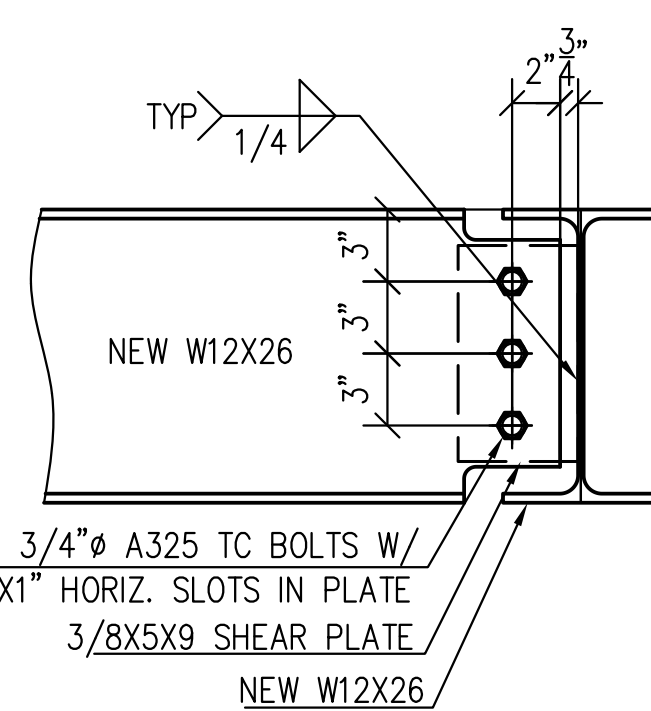
DETAIL 1
SCALE 1 1/2"=1'-0"



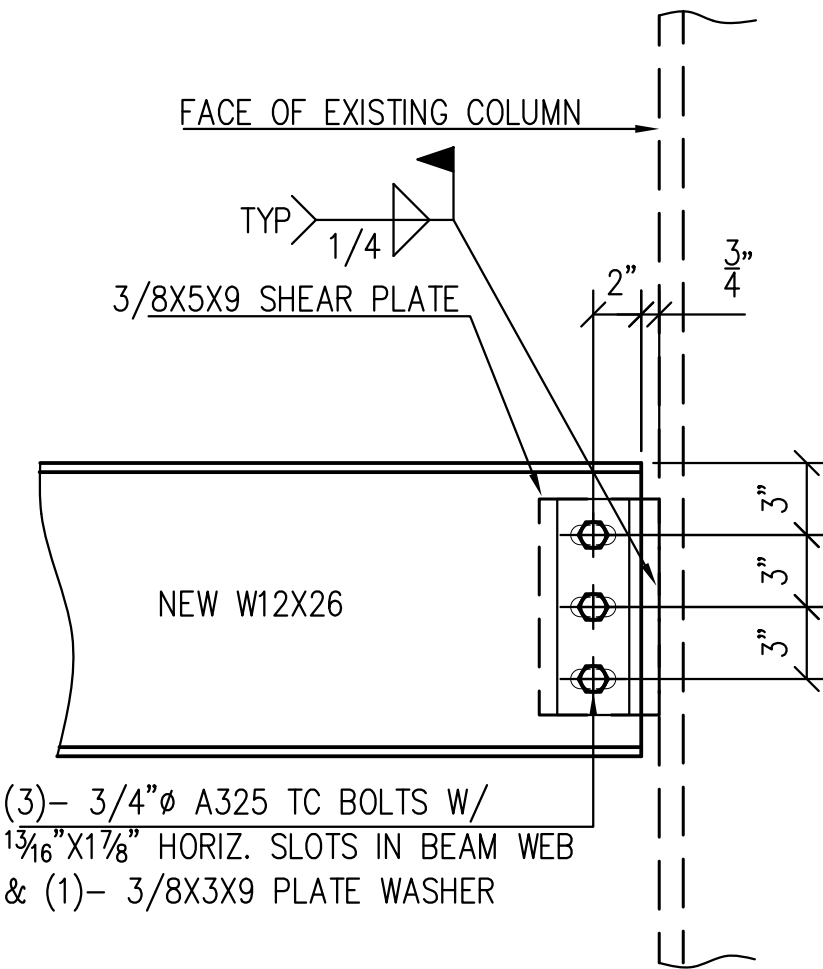
DETAIL 7
SCALE 1 1/2"=1'-0"



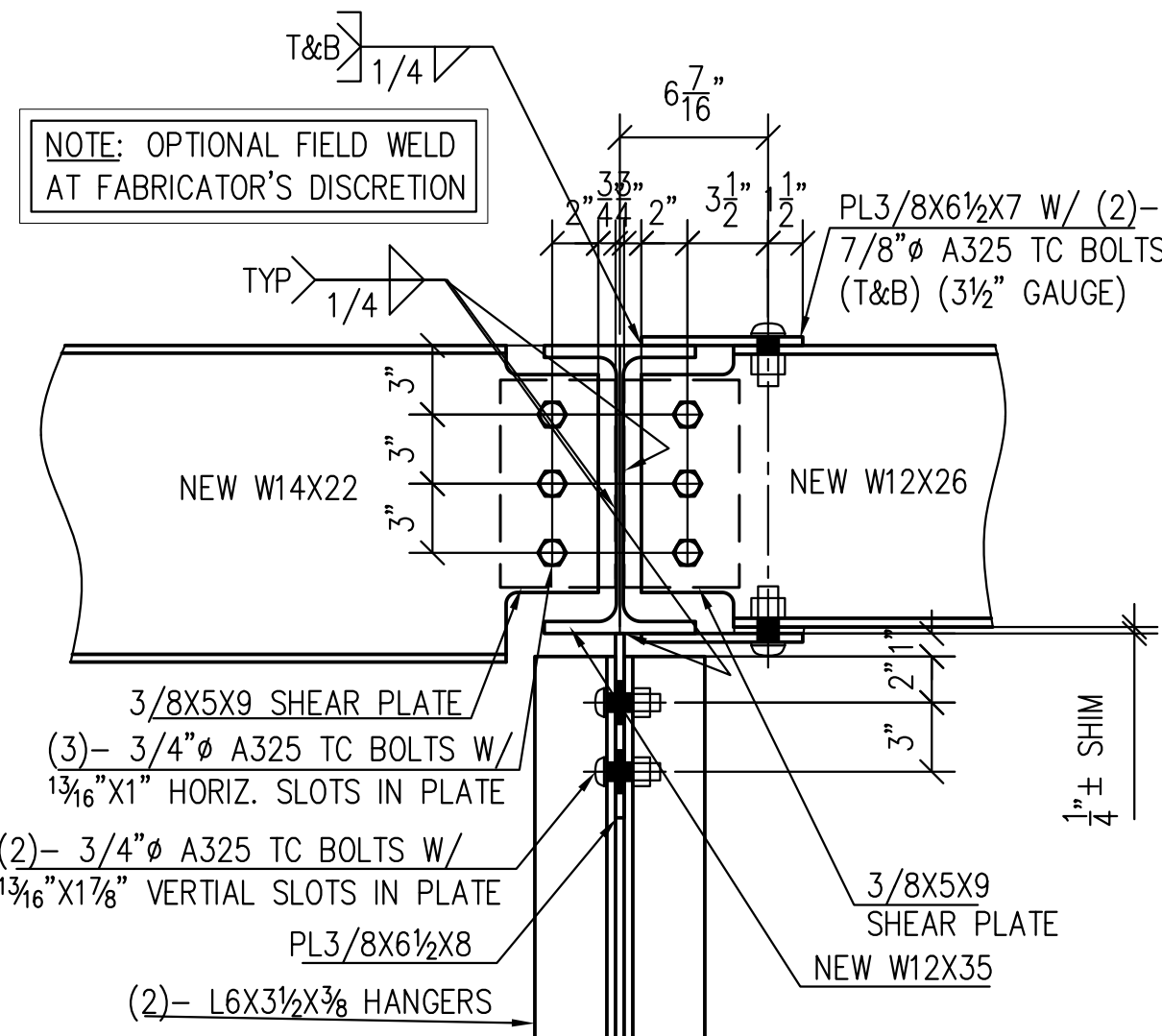
DETAIL 10
SCALE 1 1/2"=1'-0"



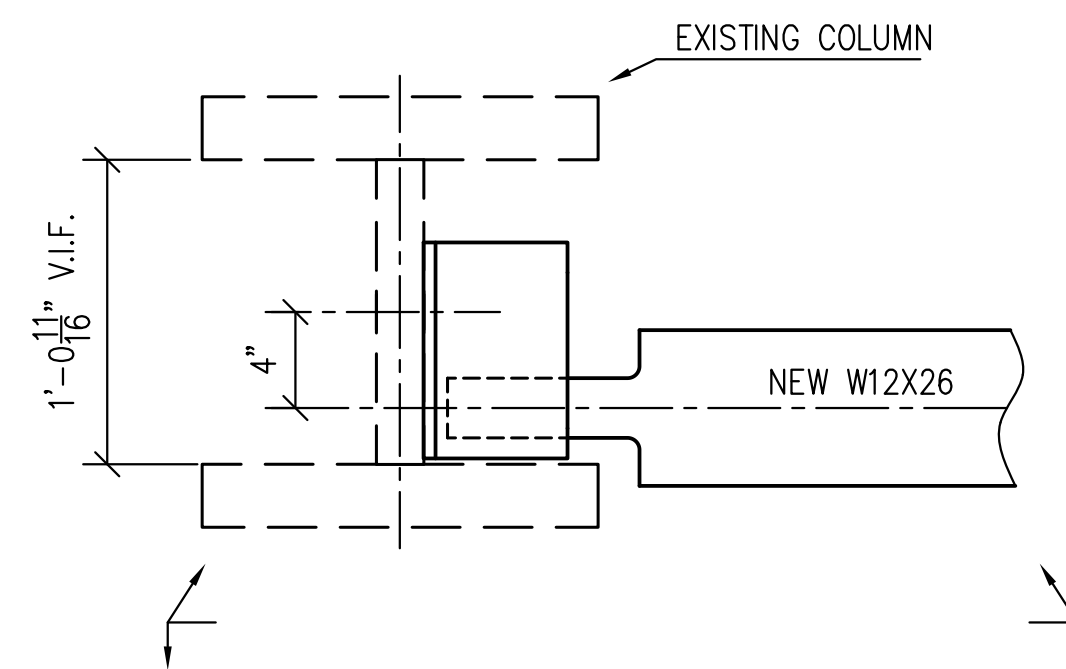
DETAIL 11
SCALE 1 1/2"=1'-0"



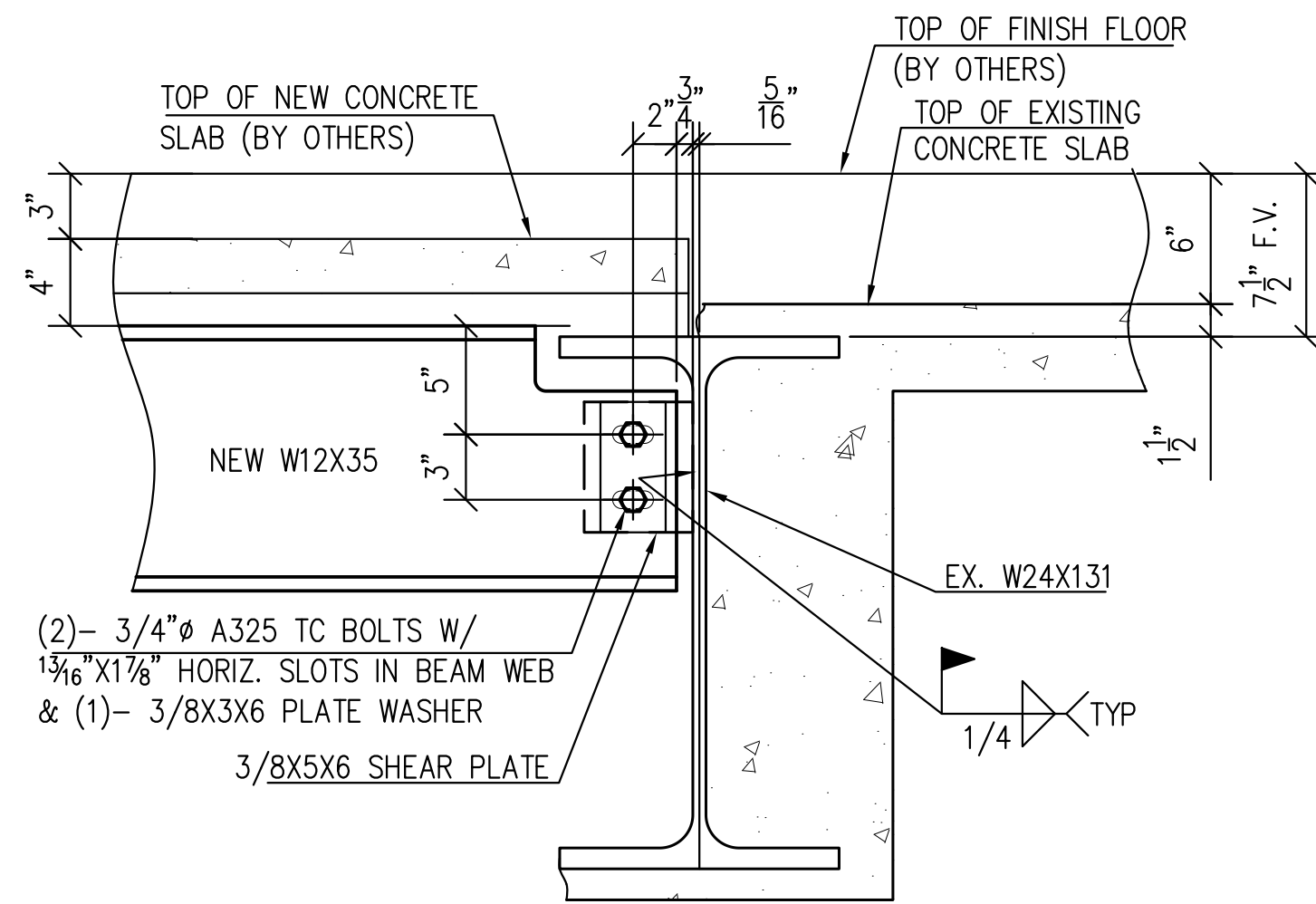
DETAIL 2
SCALE 1 1/2"=1'-0"



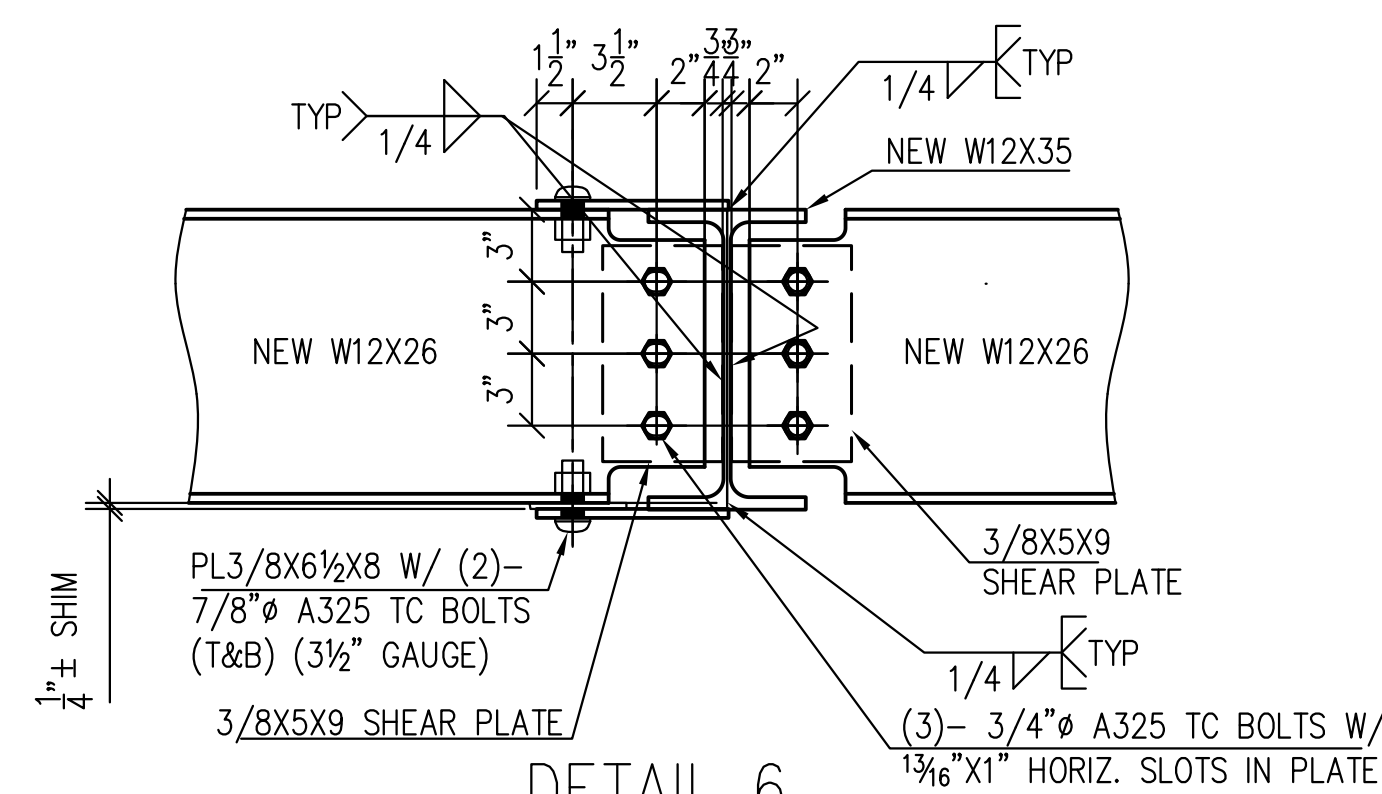
DETAIL 5
SCALE 1 1/2"=1'-0"



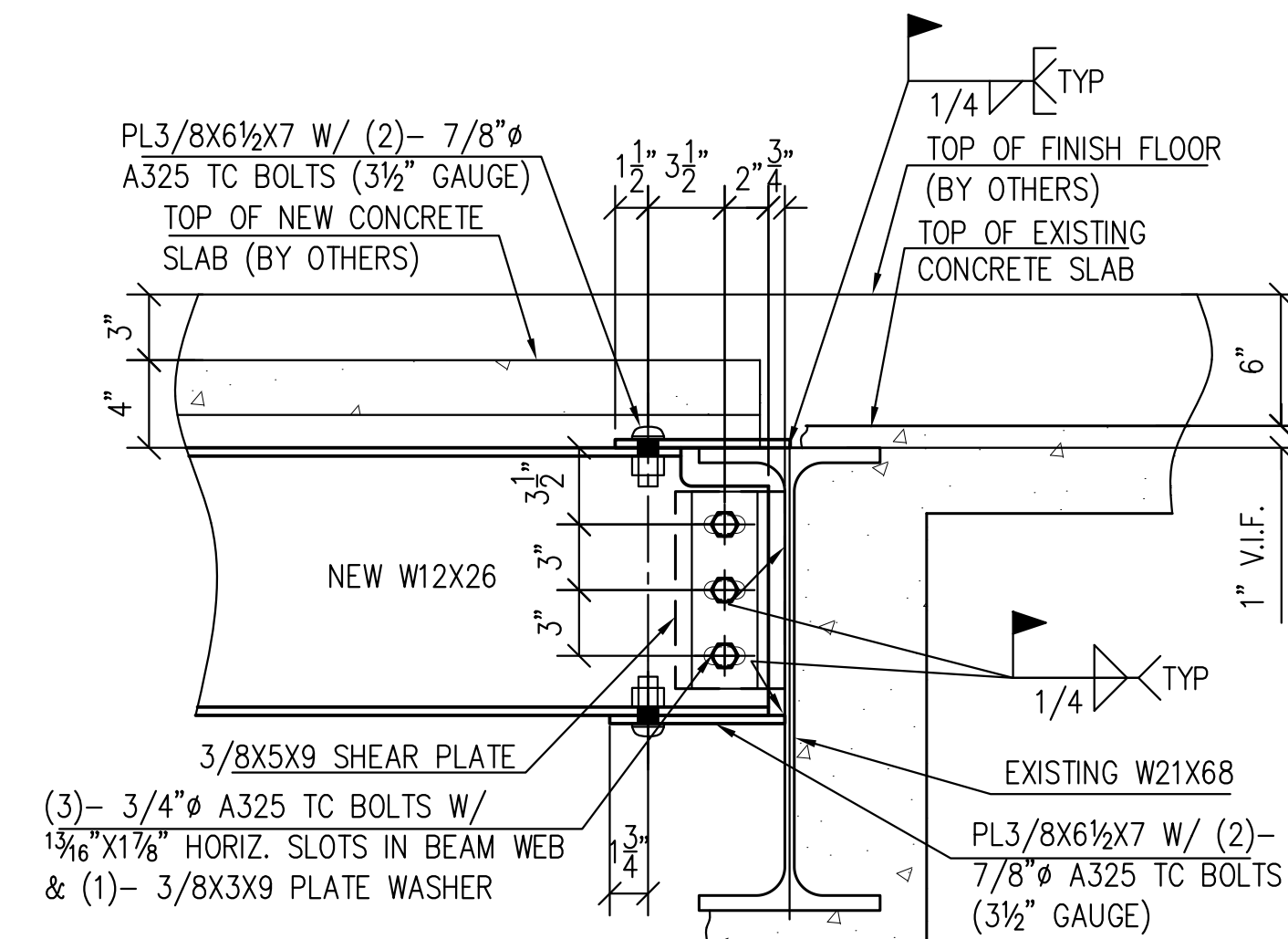
DETAIL 9
SCALE 1 1/2"=1'-0"



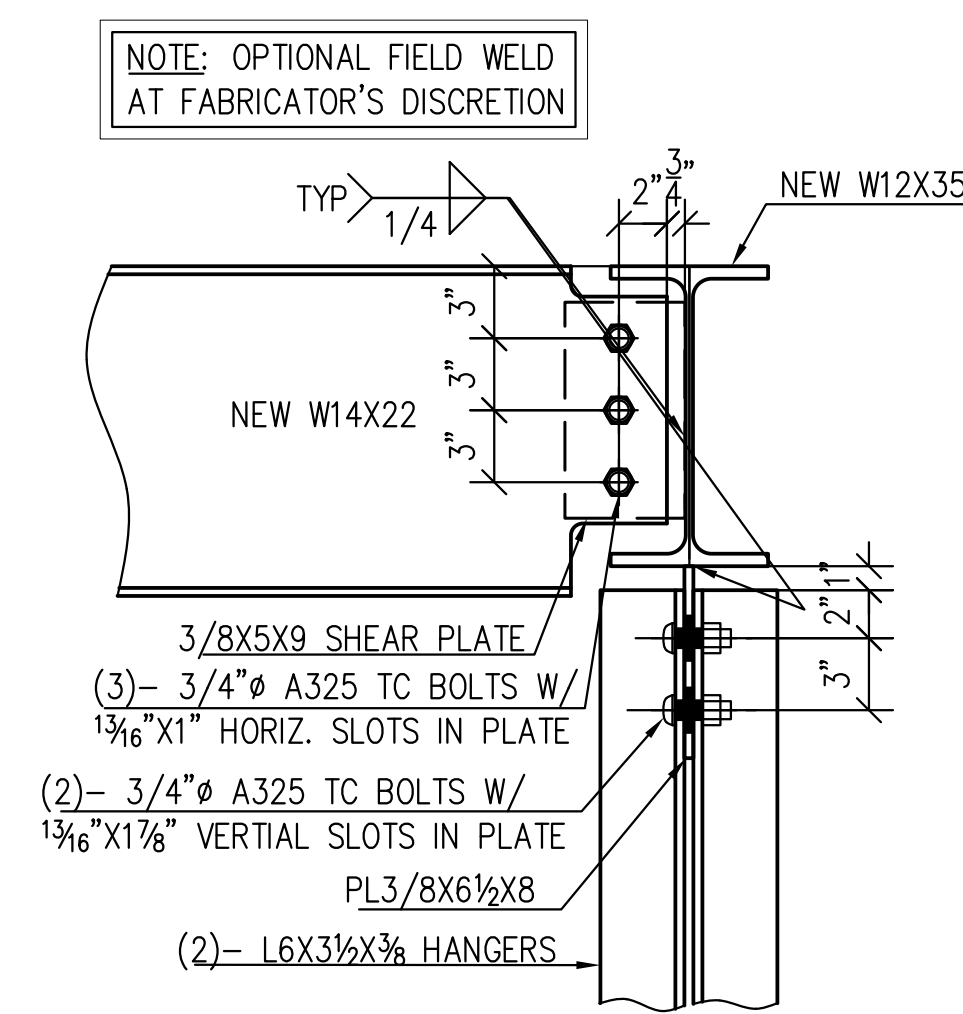
DETAIL 3
SCALE 1 1/2"=1'-0"



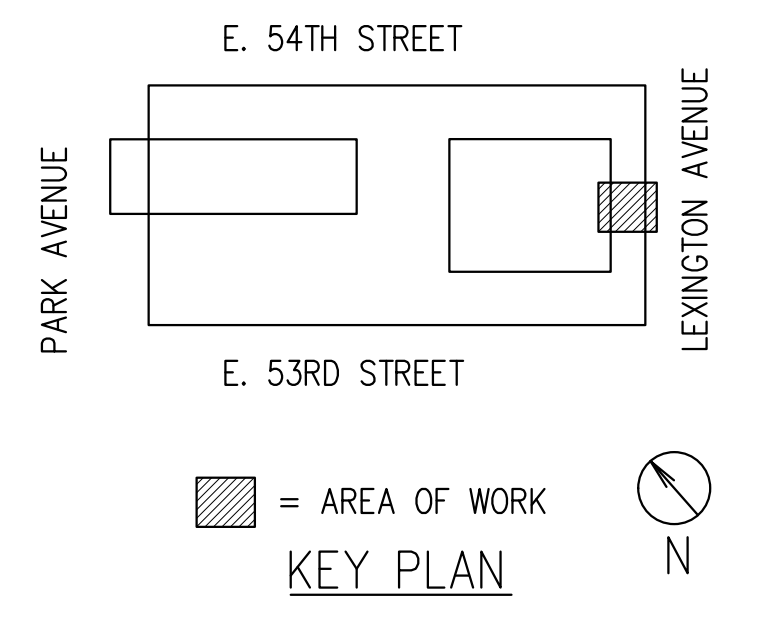
DETAIL 6
SCALE 1 1/2"=1'-0"



DETAIL 12
SCALE 1 1/2"=1'-0"



DETAIL 4
SCALE 1 1/2"=1'-0"



NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
S-101, S-201, S-202

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING.COM

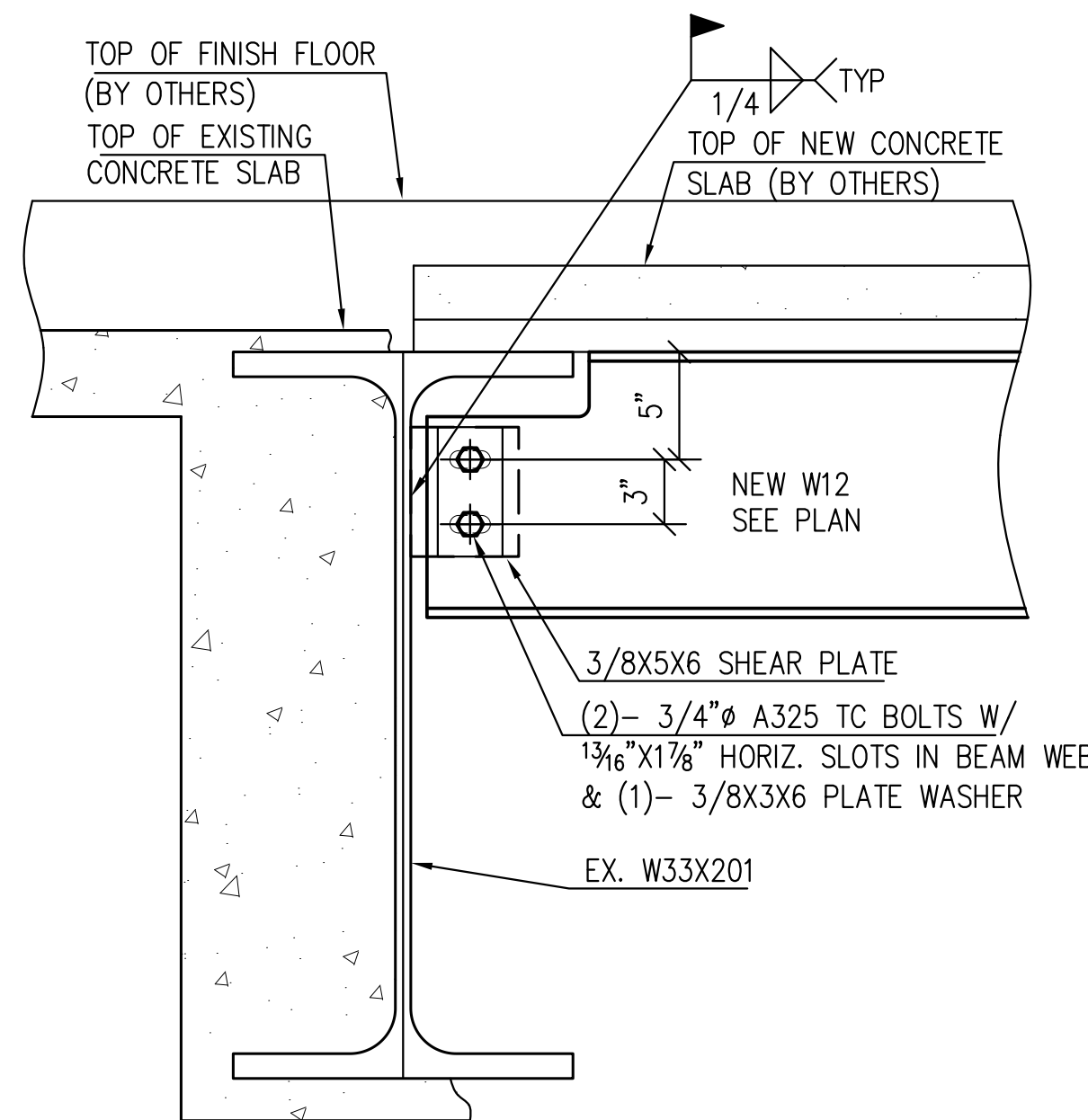
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:

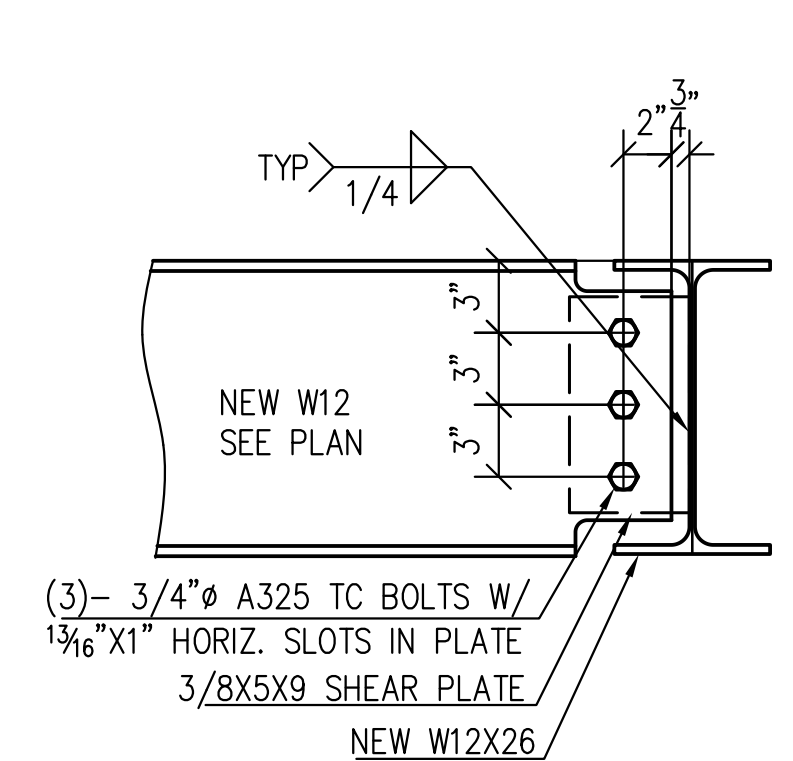
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR	DRN BY	CHKD BY	DATE
1	5/15/2018	FABRICATION & ERECTION	TS		
2	4/19/2018	APPROVAL			
3	3/2/2018	APPROVAL			
					2/15/2018

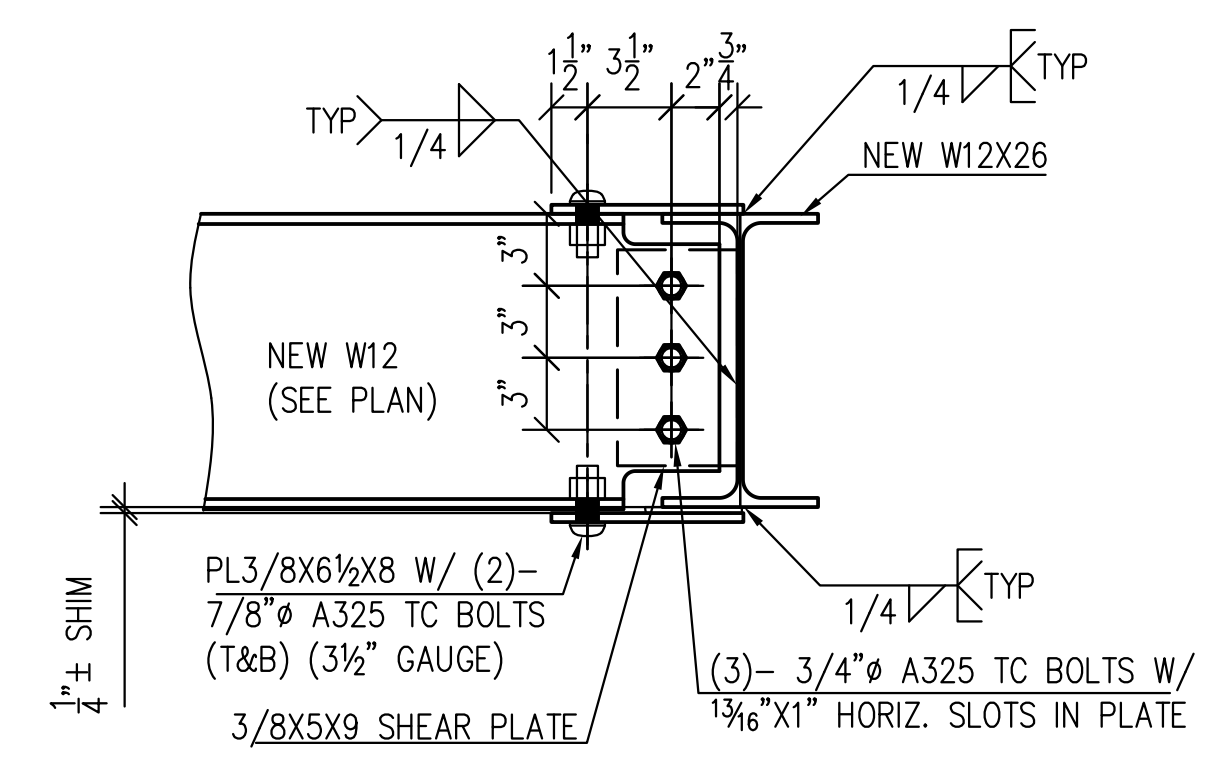
PROJECT:	399 PARK AVENUE	ITEM:	03
ADDRESS:	399 PARK AVENUE, NEW YORK, NY 10022	CONT. No.	18-007
ARCHITECT:	GENSLER	ENG:	THORNTON TOMASETTI
CUSTOMER:	TURNER CONSTRUCTION CO.	TITLE:	NEW BEAMS & HANGERS AT PARK & LEX ENTRANCES & MEZZ.
OPEN HOLES:	13/16" Ø	BOLTS:	3/4" Ø
WELDS:	A.W.S. A5.1 GR-E70XX	FINISH:	NONE/MILL FINISH U.O.N.
MATERIAL:	SEE MATERIALS NOTE	DWG. No.	ME-04



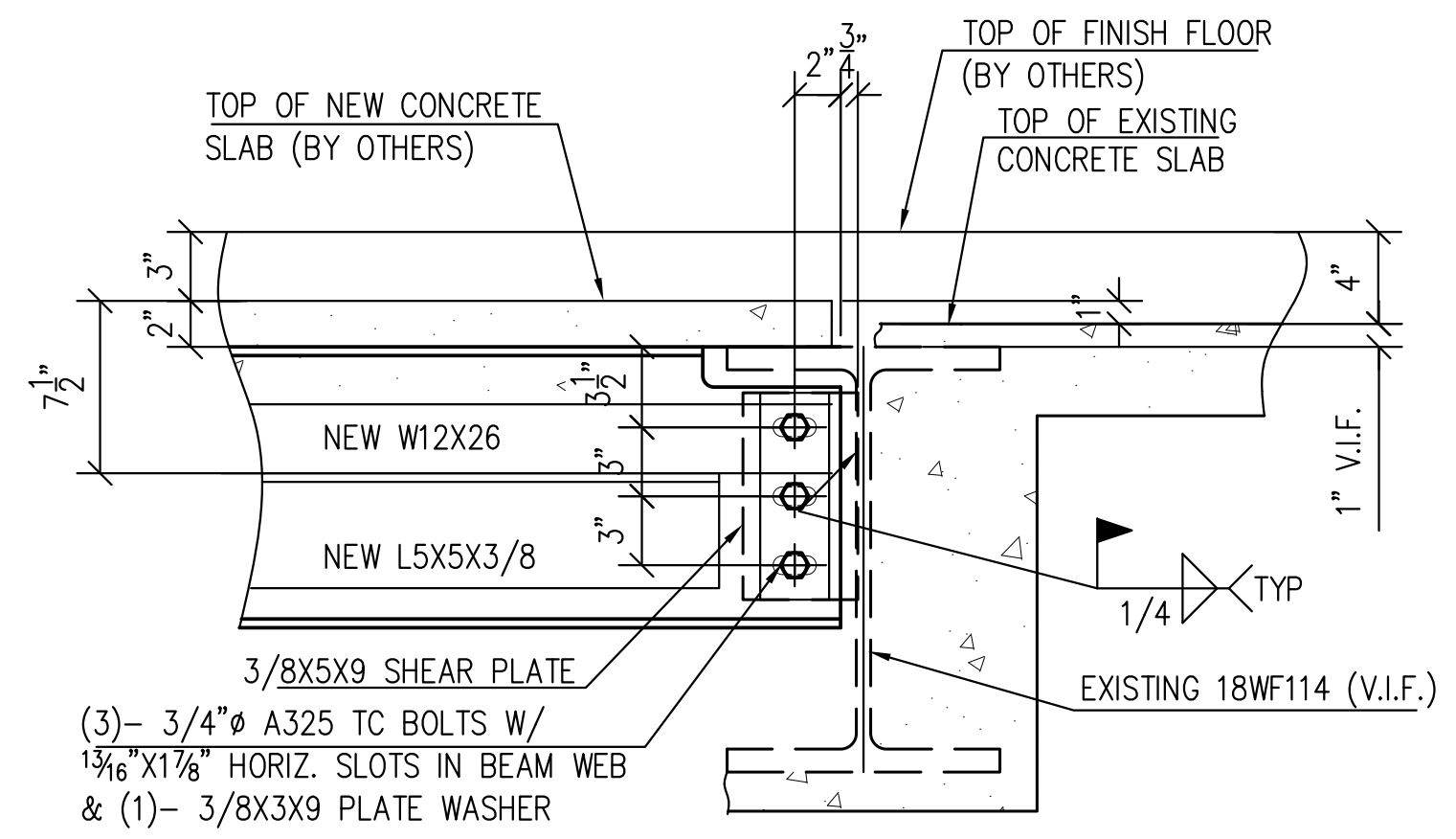
DETAIL 13
SCALE 1 1/2"=1'-0"



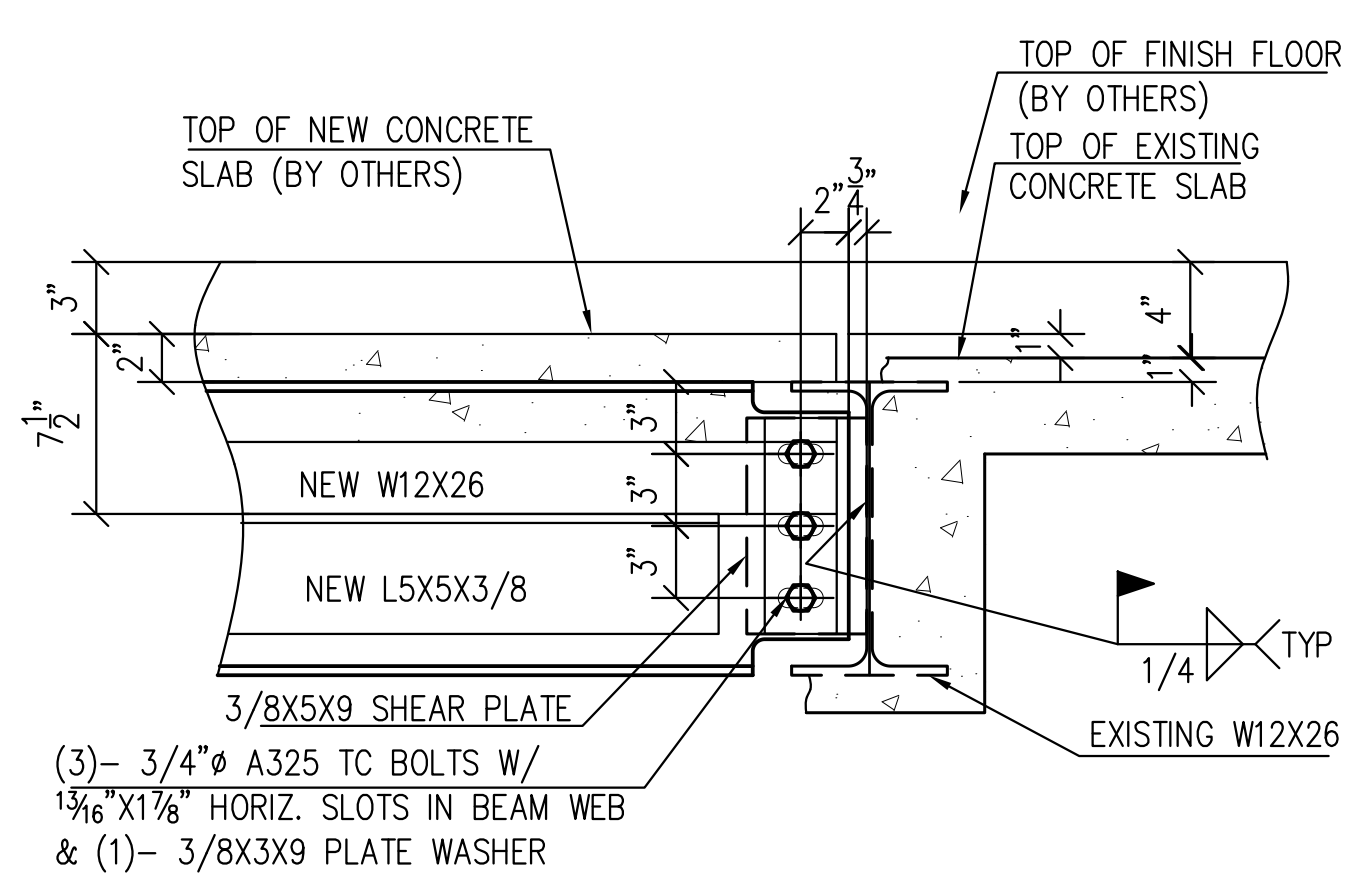
DETAIL 14
SCALE 1 1/2"=1'-0"



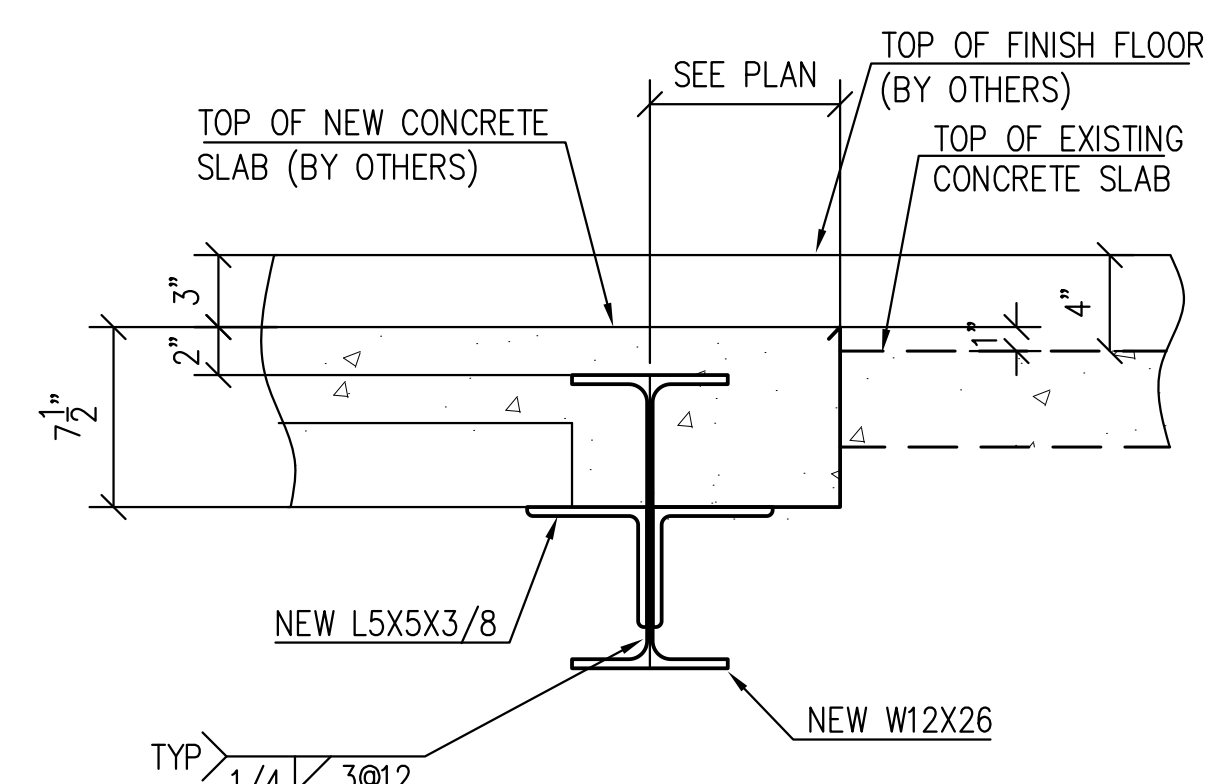
DETAIL 15
SCALE 1 1/2"=1'-0"



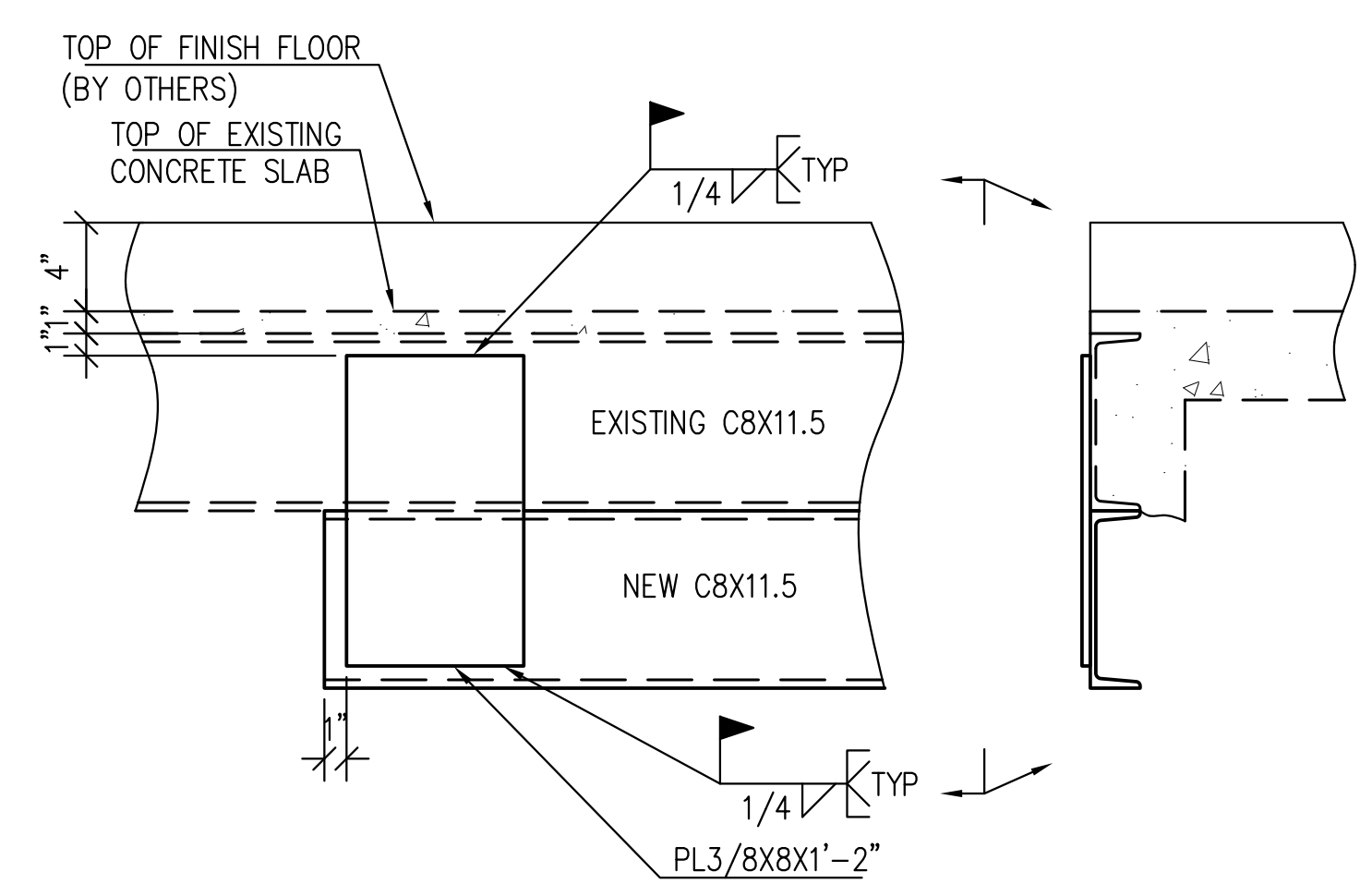
DETAIL 16
SCALE 1 1/2"=1'-0"



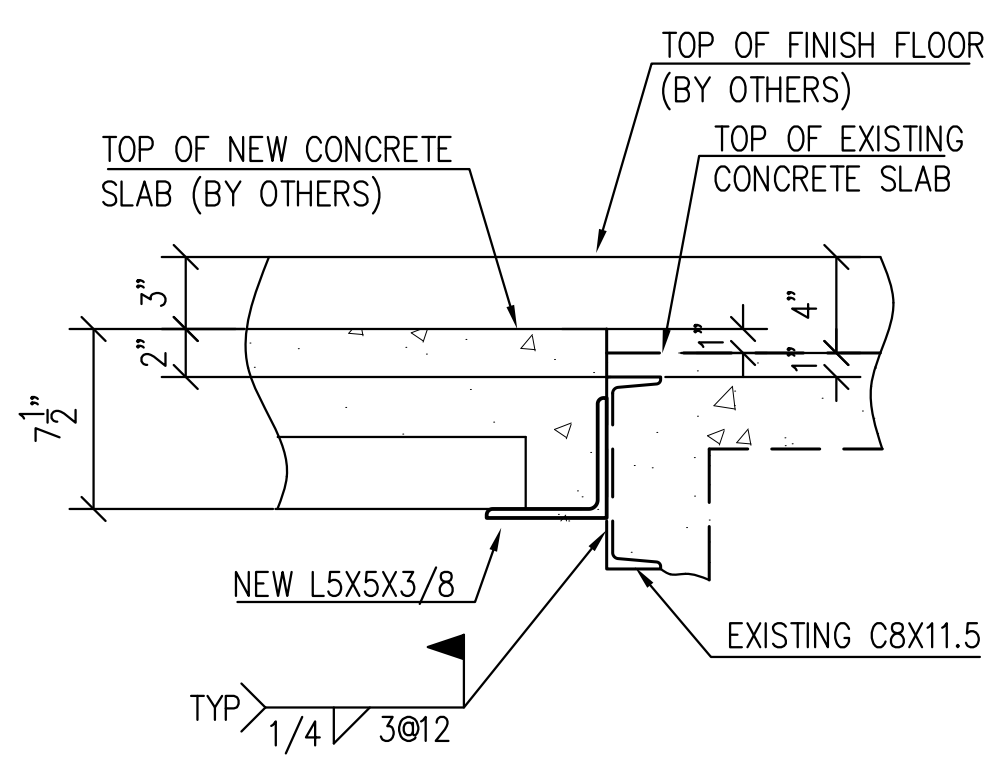
DETAIL 17
SCALE 1 1/2"=1'-0"



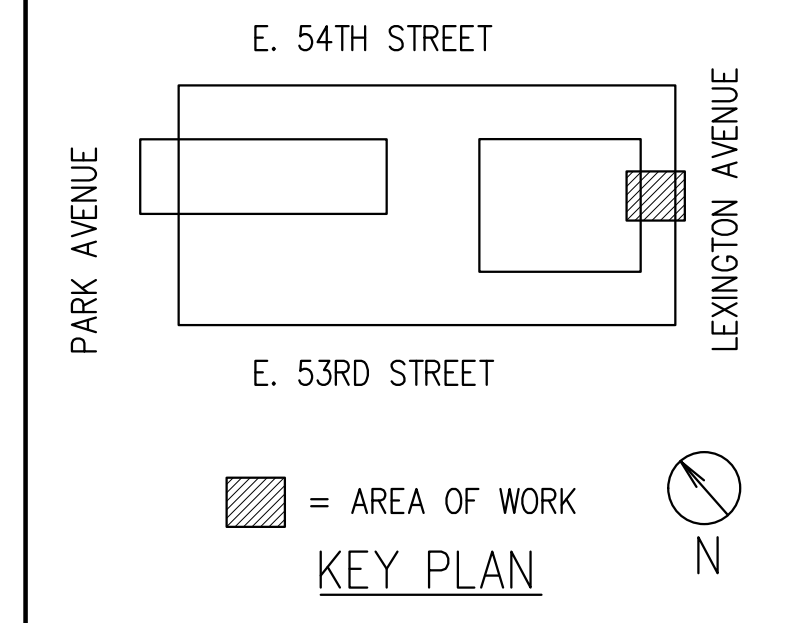
DETAIL 18
SCALE 1 1/2"=1'-0"



DETAIL 19
SCALE 1 1/2"=1'-0"



DETAIL 20
SCALE 1 1/2"=1'-0"



NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
S-101, S-201, S-202



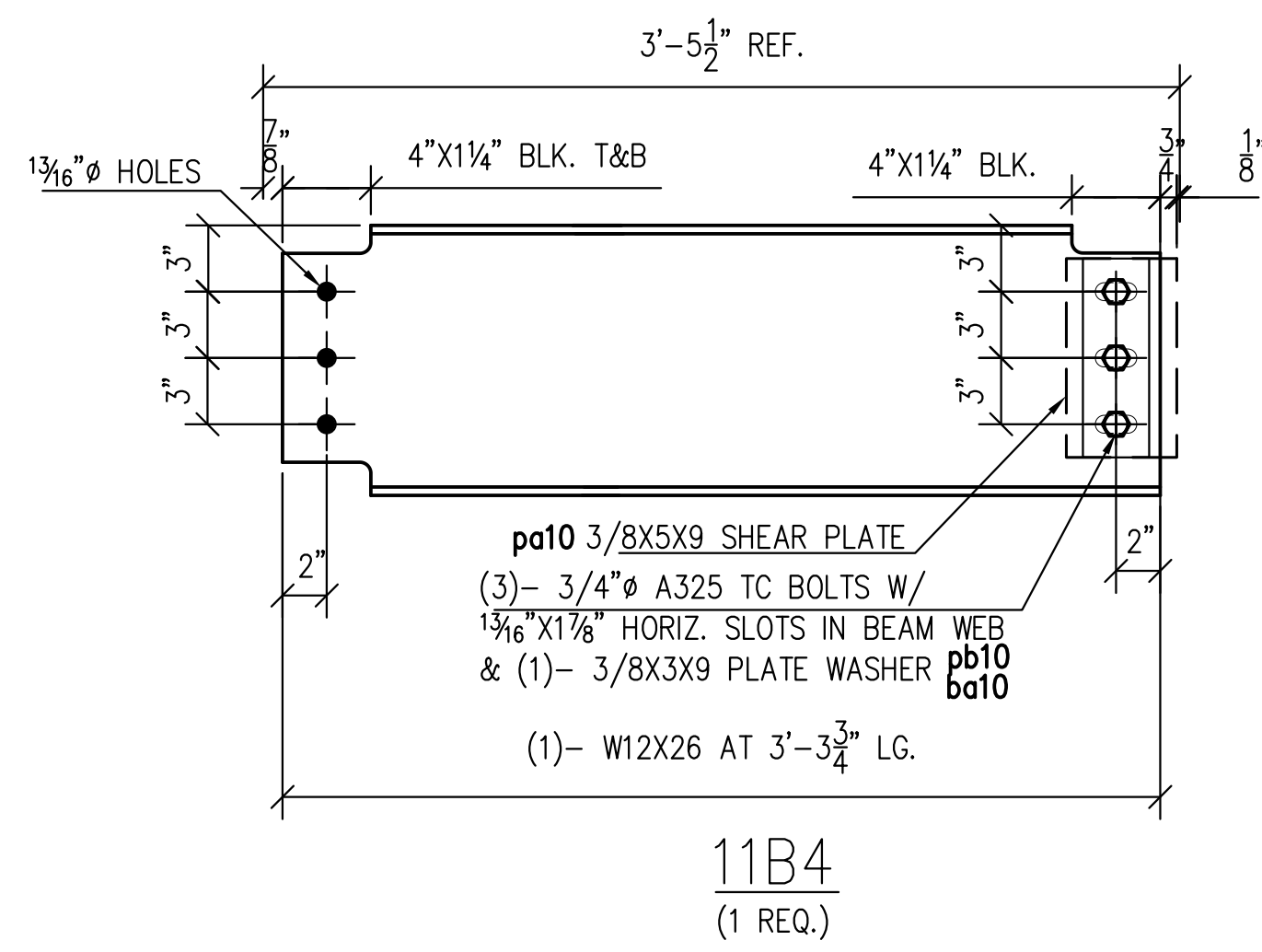
ALL BOLTS TO BE SNUG FIT U.N.O.

- MATERIALS:**
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
 - PLATES & SHAPES TO BE ASTM A36 (36 KSI)
 - RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
 - ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
 - PIPE TO BE ASTM A500 GRADE B (46 KSI)

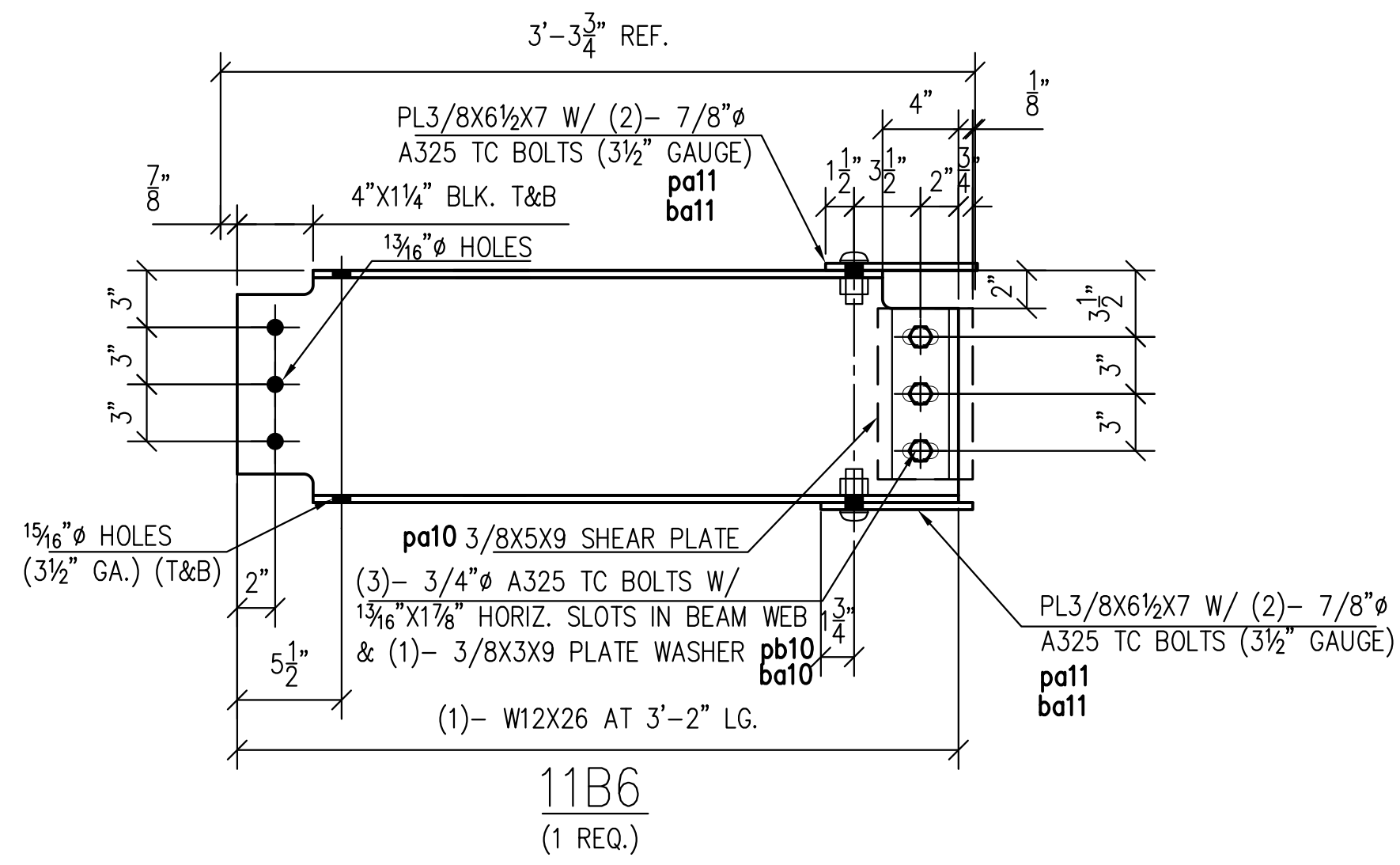
PROJECT: 399 PARK AVENUE
ADDRESS: 399 PARK AVENUE, NEW YORK, NY 10022
ARCHITECT: GENSLER **ENG:** THORNTON TOMASETTI
CUSTOMER: TURNER CONSTRUCTION CO.
TITLE: NEW BEAMS & HANGERS AT PARK & LEX ENTRANCES & MEZZ.

DRN BY TS	ITEM: 03
5/15/2018 FABRICATION & ERECTION	CHKD BY
4/19/2018 APPROVAL	---
3/2/2018 APPROVAL	DATE
REV. DATE ISSUED FOR	2/15/2018
OPEN HOLES: 13/16"Ø	BOLTS: 3/4"Ø
WELDS: A.W.S. A5.1 GR-E70XX	CONT. No. 18-007
FINISH: NONE/MILL FINISH U.O.N.	MATERIAL: SEE MATERIALS NOTE

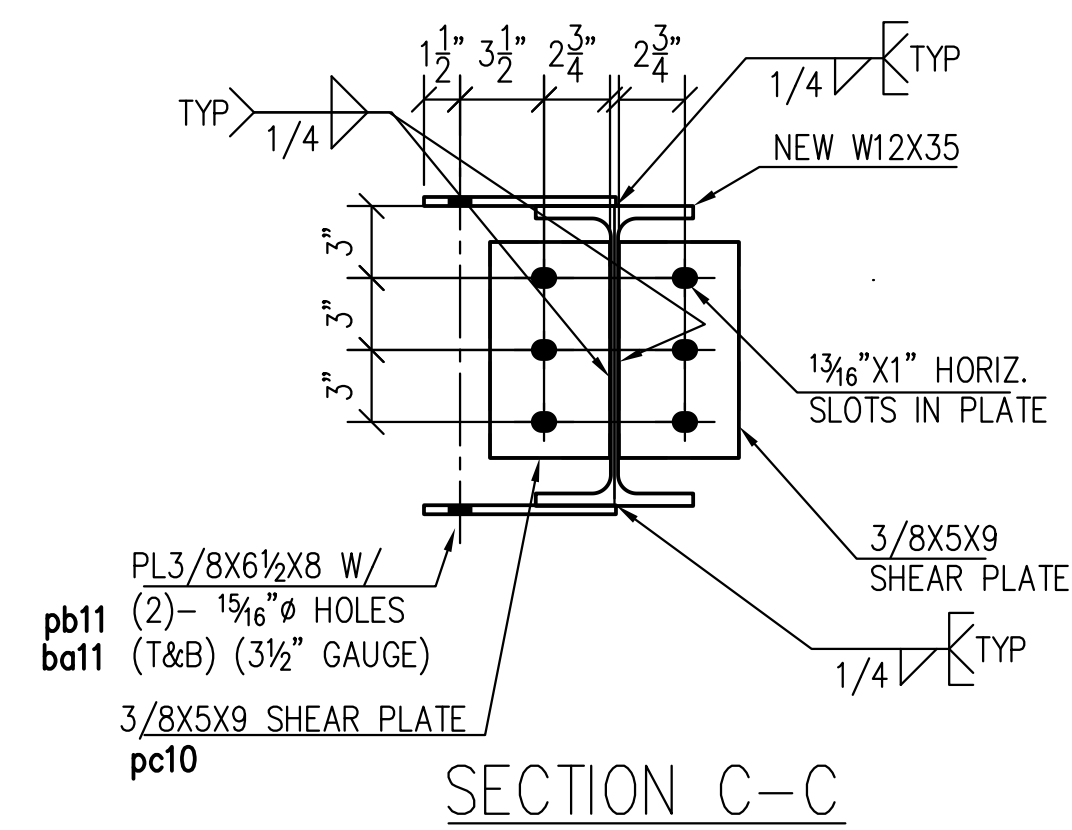
ME-05
DWG. No.



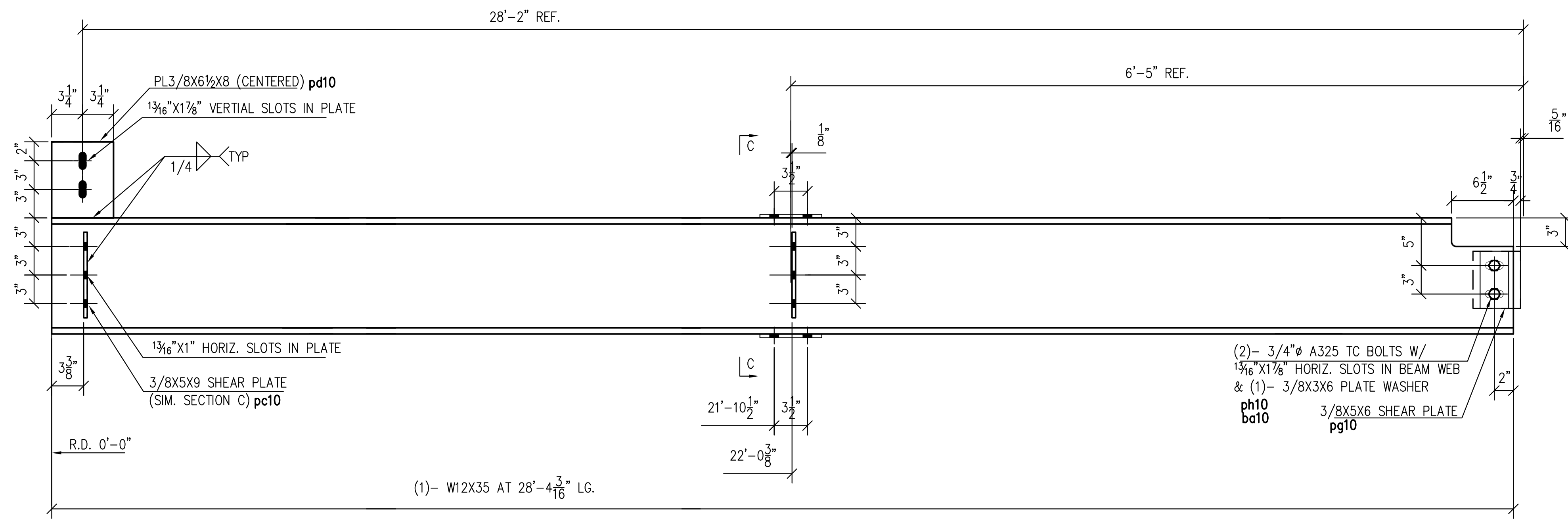
11B4
(1 REQ.)



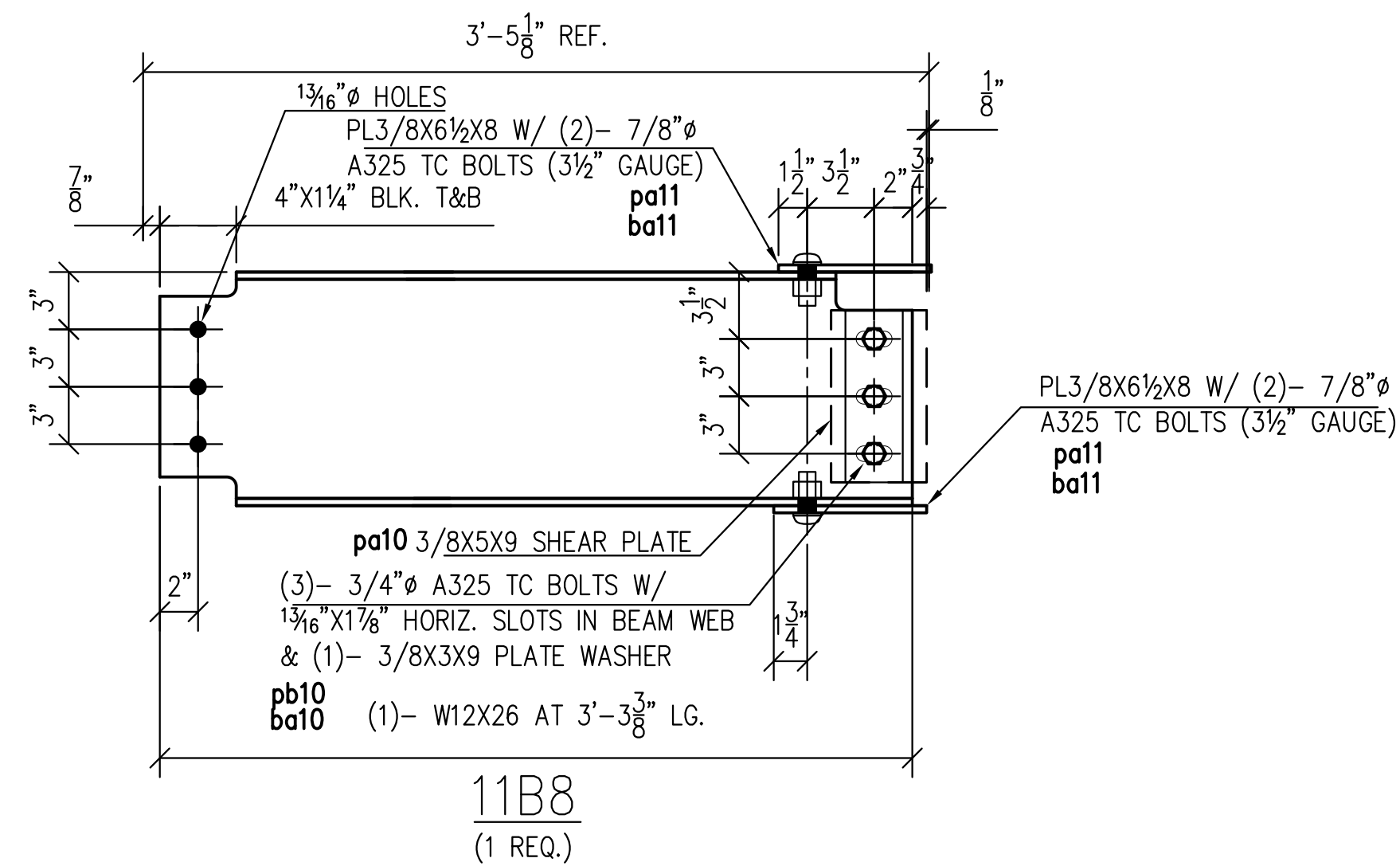
11B6
(1 REQ.)



SECTION C-C



11B5
(1 REQ.)



11B8
(1 REQ.)

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH		REMARKS
				FT	IN	
11B4		1	W12X26	3	3 3/4	
	pa10	1	3/8X5	0	9	
	pb10	1	3/8X3	0	9	
	ba10	3	3/4" A325 TC BOLTS	0	2 1/2	
11B5		1	W12X35	28	4 3/16	
	pc10	2	3/8X5	0	9	
	pd10	1	3/8X6 1/2	0	8	
	pg10	1	3/8X5	0	6	
	ph10	1	3/8X3	0	6	
	pb11	2	3/8X6 1/2	0	8	
	ba10	2	3/4" A325 TC BOLTS	0	2 1/2	
	ba11	4	7/8" A325 TC BOLTS	0	2 1/4	
11B6		1	W12X26	3	2	
	pa10	1	3/8X5	0	9	
	pb10	1	3/8X3	0	9	
	pa11	1	3/8X3 1/2	0	8	
	ba10	3	3/4" A325 TC BOLTS	0	2 1/2	
	ba11	4	7/8" A325 TC BOLTS	0	2 1/4	
11B8		1	W12X26	3	3 3/8	
	pa10	1	3/8X5	0	9	
	pb10	1	3/8X3	0	9	
	pa11	2	3/8X6 1/2	0	8	
	ba10	3	3/4" A325 TC BOLTS	0	2 1/2	
	ba11	4	7/8" A325 TC BOLTS	0	2 1/4	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
S-101, S-201, S-202



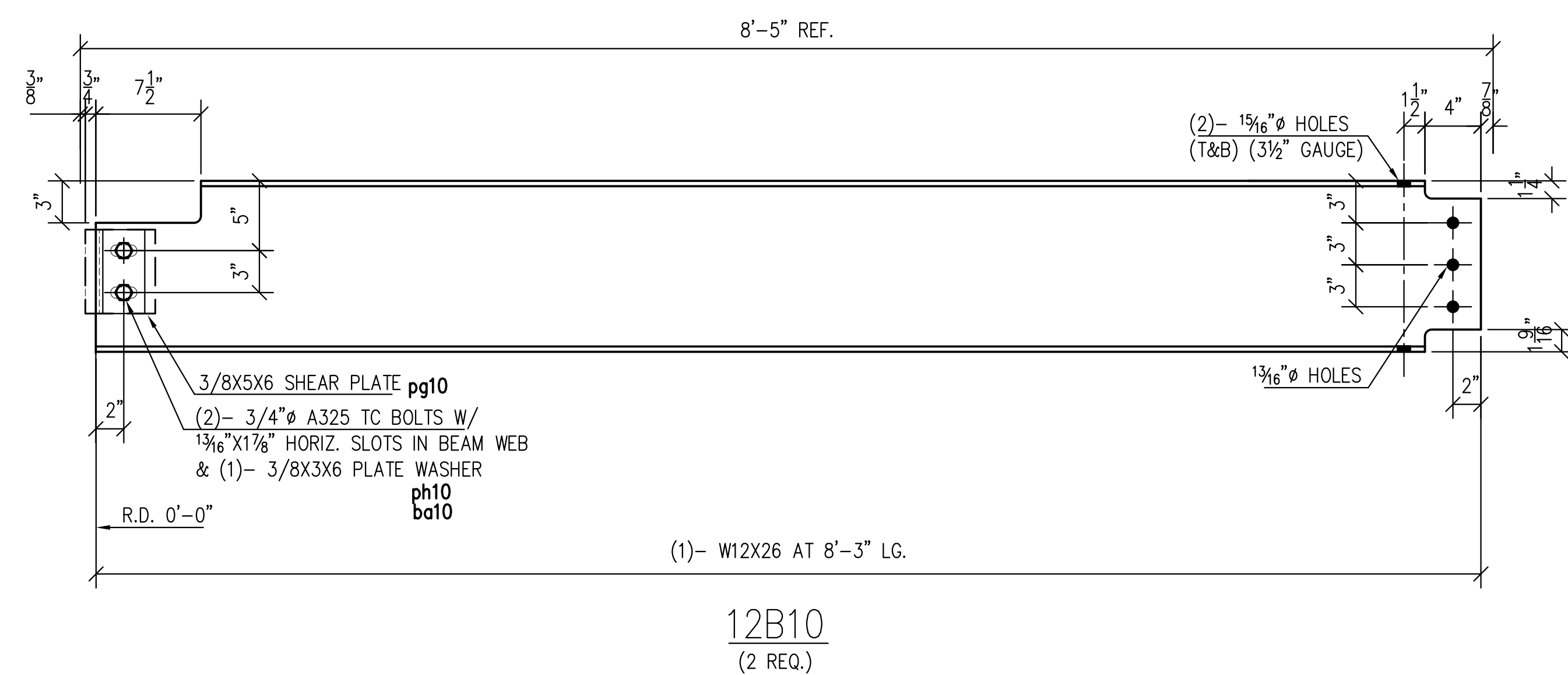
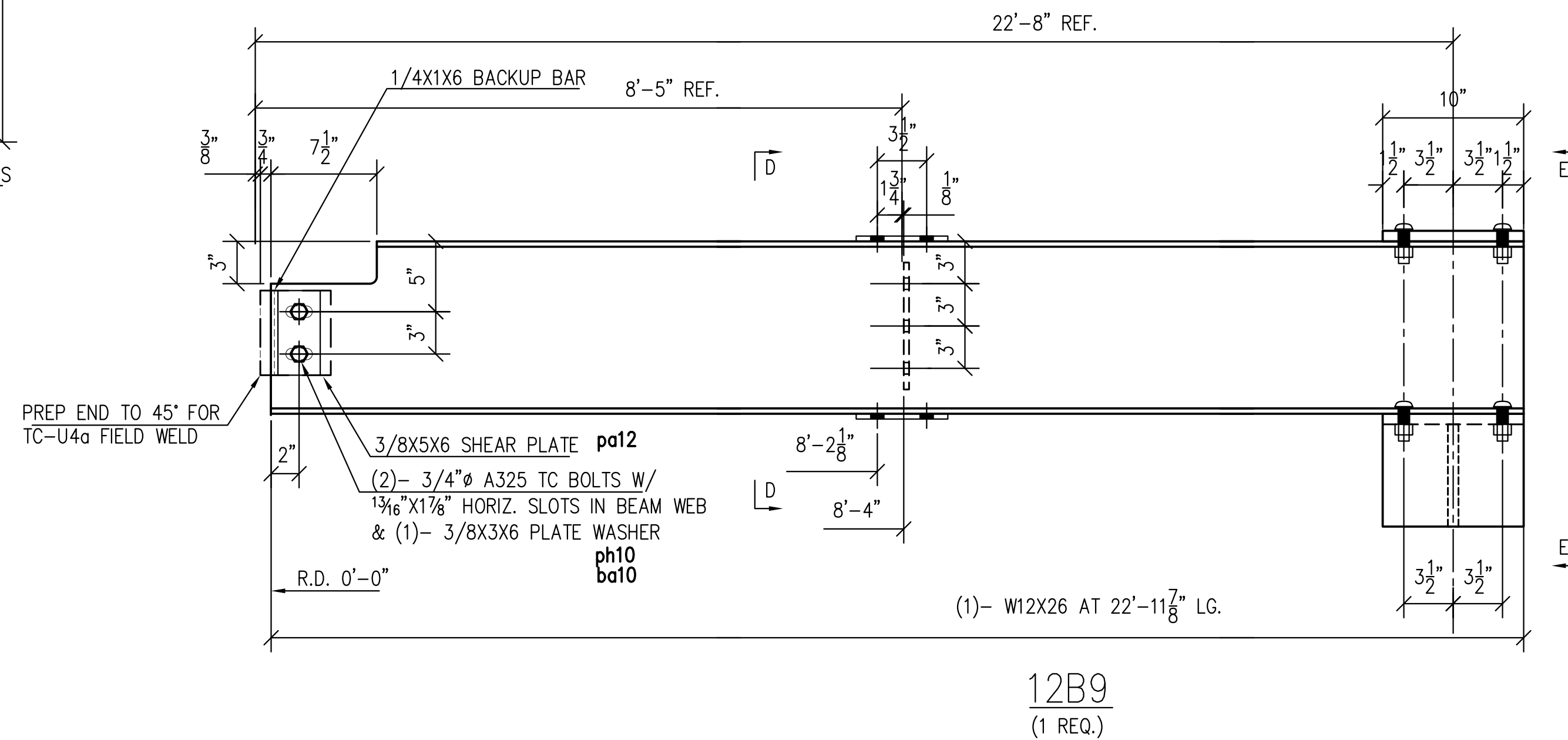
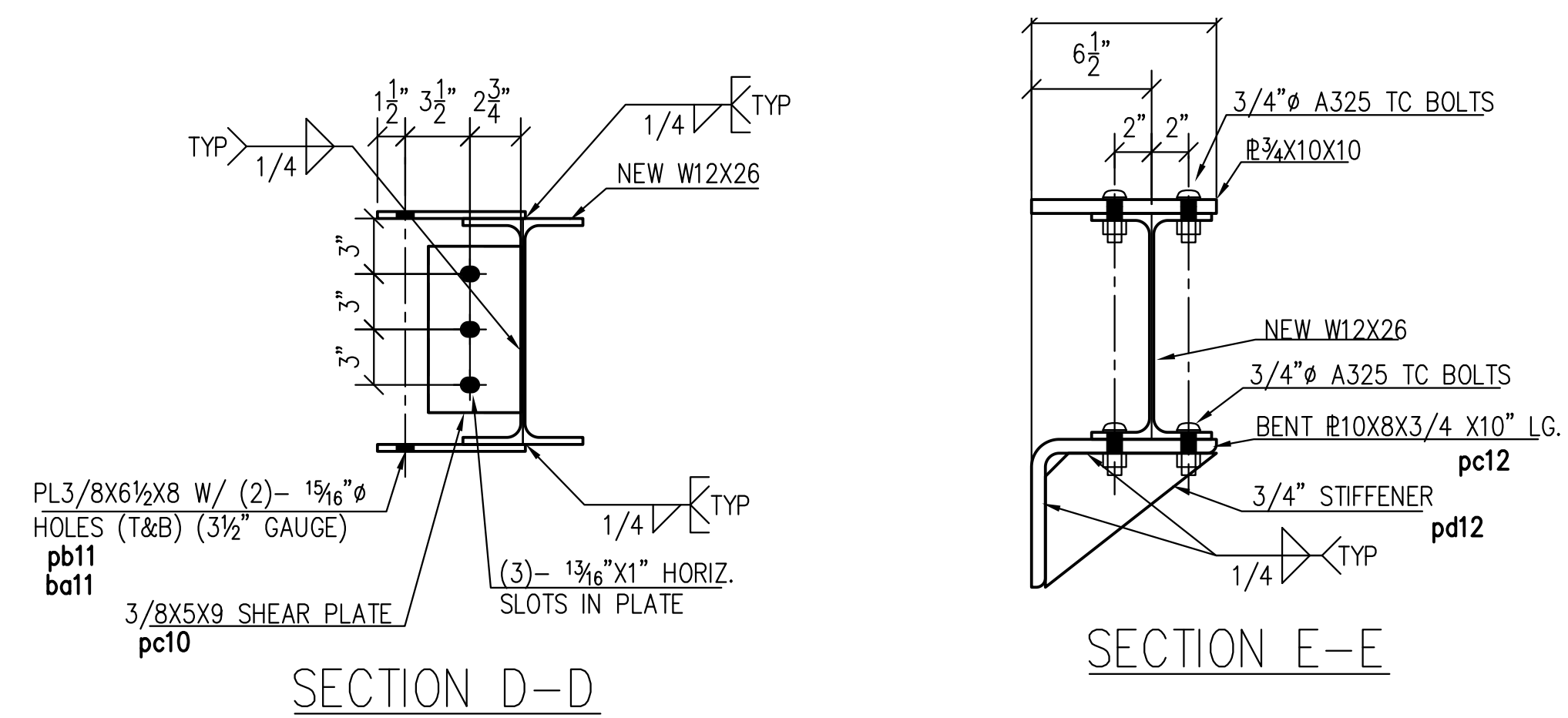
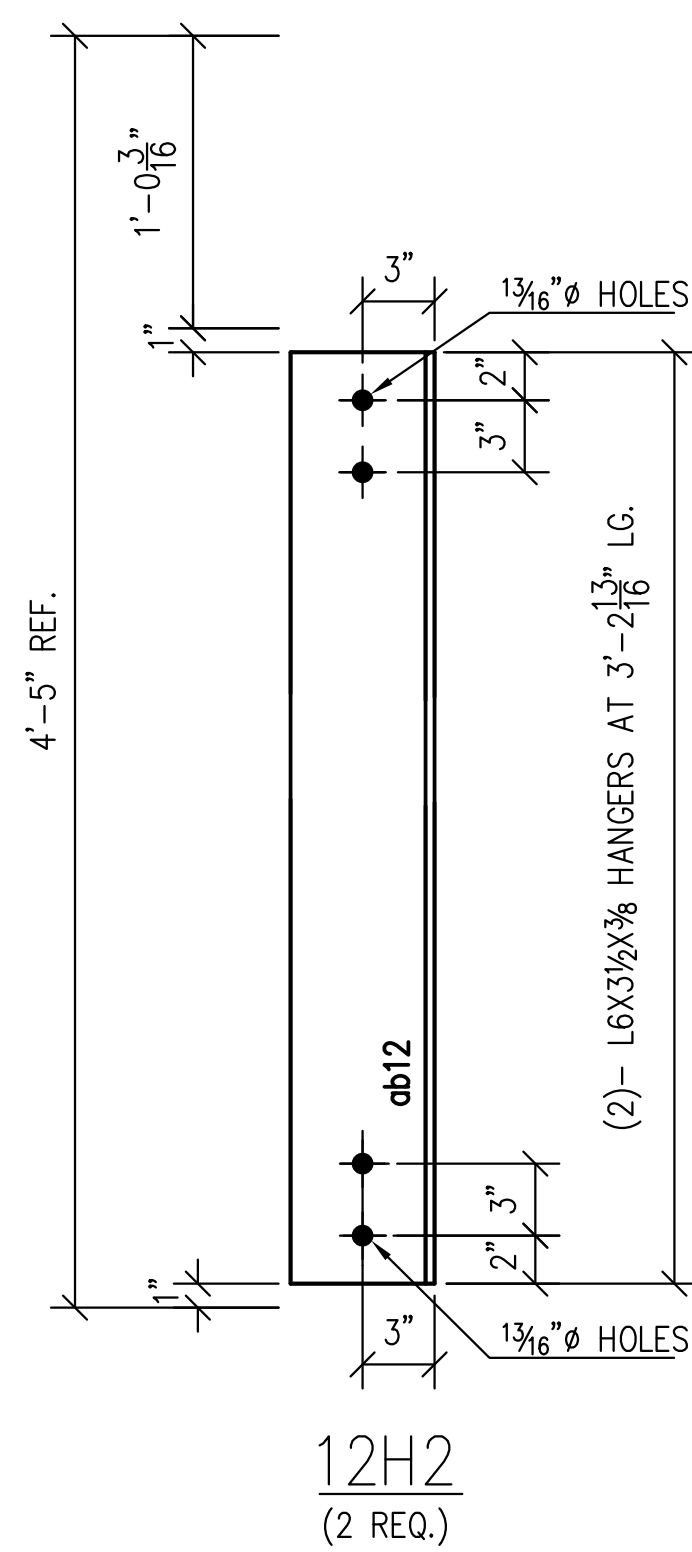
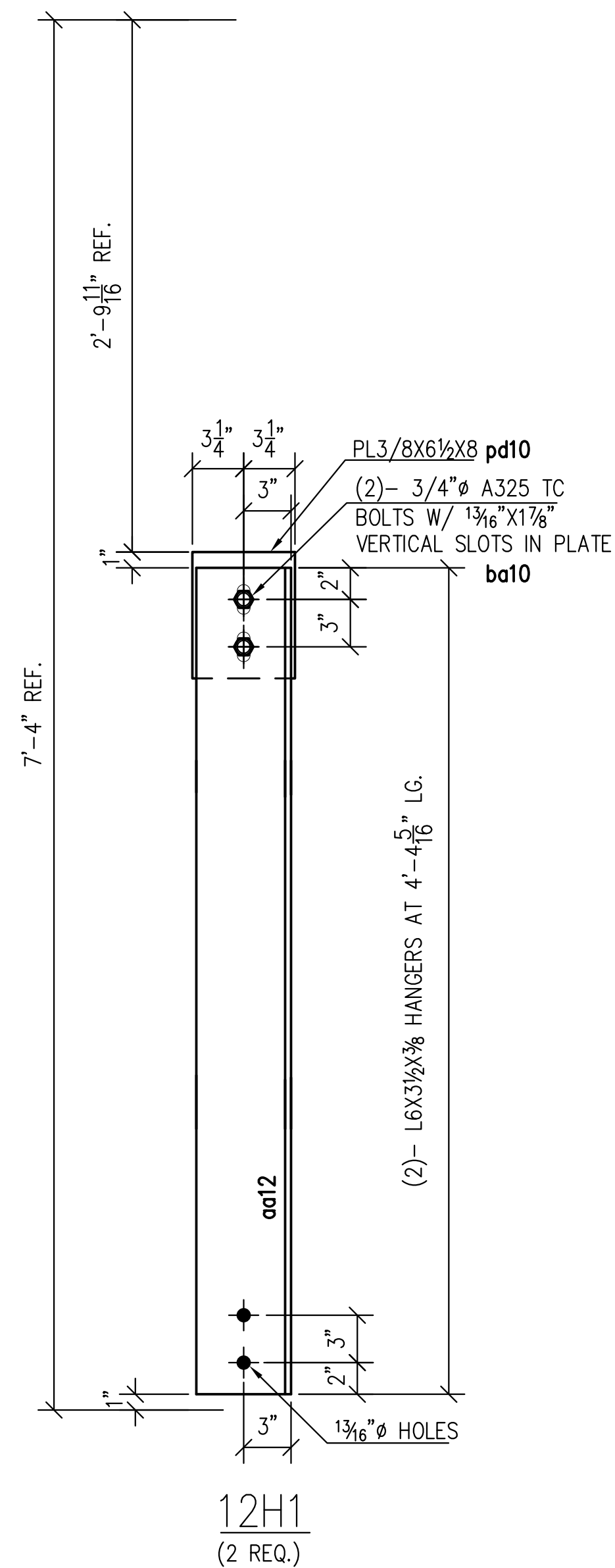
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:

- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

PROJECT: 399 PARK AVENUE
ADDRESS: 399 PARK AVENUE, NEW YORK, NY 10022
ARCHITECT: GENSLER ENG: THORNTON TOMASETTI
CUSTOMER: TURNER CONSTRUCTION CO.
TITLE: NEW BEAMS & HANGERS AT PARK & LEX ENTRANCES & MEZZ.

DRN BY TS	ITEM: 03
CHKD BY ---	CONT. No. 18-007
DATE 5/15/2018	FINISH: NONE/MILL FINISH U.O.N.
ISSUED FOR FABRICATION & ERECTION	MATERIAL: SEE MATERIALS NOTE
DATE 2/15/2018	DWG. No. MD-11



BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH		REMARKS
				FT	IN	
12H1		2	L6X3½X¾	4	4⅝	
	aa12	2	L6X3½X¾	4	4⅝	
	pd10	2	∅3/8X6½	0	8	
	ba10	4	¾"∅ A325 TC BOLTS	0	2½	
12H2		2	L6X3½X¾	3	2⅜	
	aa12	2	L6X3½X¾	3	2⅜	
12B9		1	W12X26	22	11⅞	
	pa12	1	∅3/8X5	0	6	
	ph10	1	∅3/8X3	0	6	
	ba10	2	¾"∅ A325 TC BOLTS	0	2½	
	pb11	2	∅3/8X6½	0	8	
	ba11	4	7/8"∅ A325 TC BOLTS	0	2¼	
	pc10	1	∅3/8X5	0	9	
	pb12	1	∅3/4X8	0	10	
	pc12	1	BENT ∅10X8X3/4	0	10	
	pd12	1	∅3/4X7¼	0	9¼	
12B10		2	W12X26	8	3	
	pg10	2	∅3/8X5	0	6	
	ph10	2	∅3/8X3	0	6	
	ba10	4	¾"∅ A325 TC BOLTS	0	2½	

NOTE:
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REFERENCE DRAWINGS:
S-101, S-201, S-202

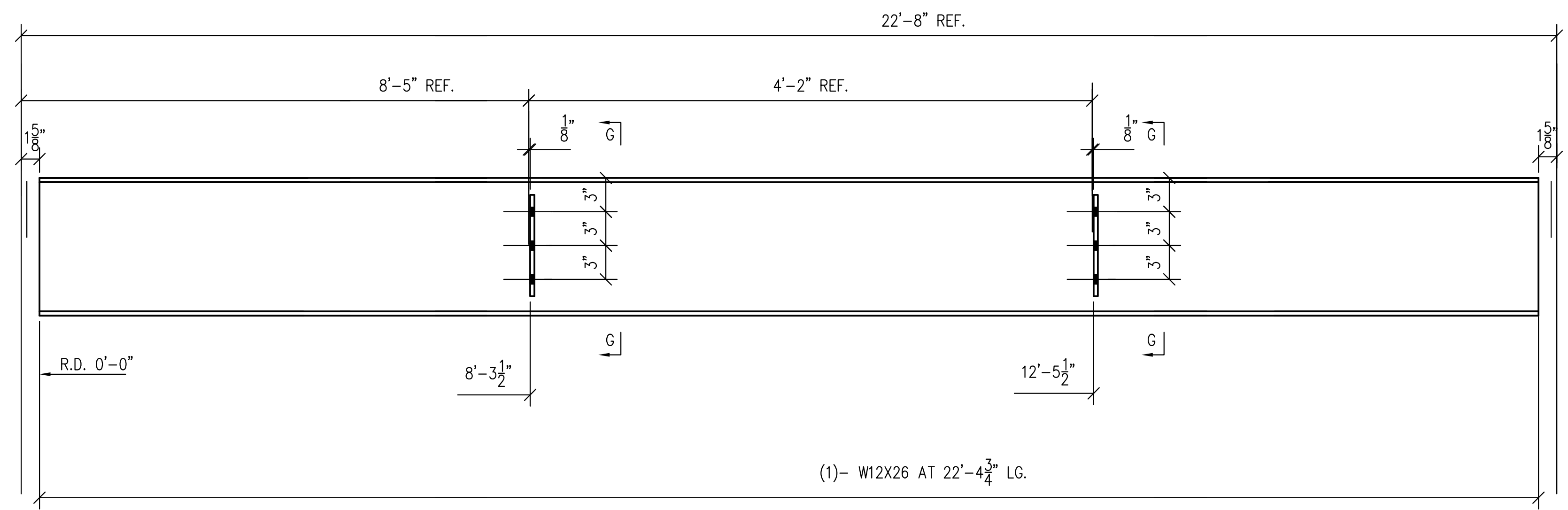


ALL BOLTS TO BE SNUG FIT U.N.O.

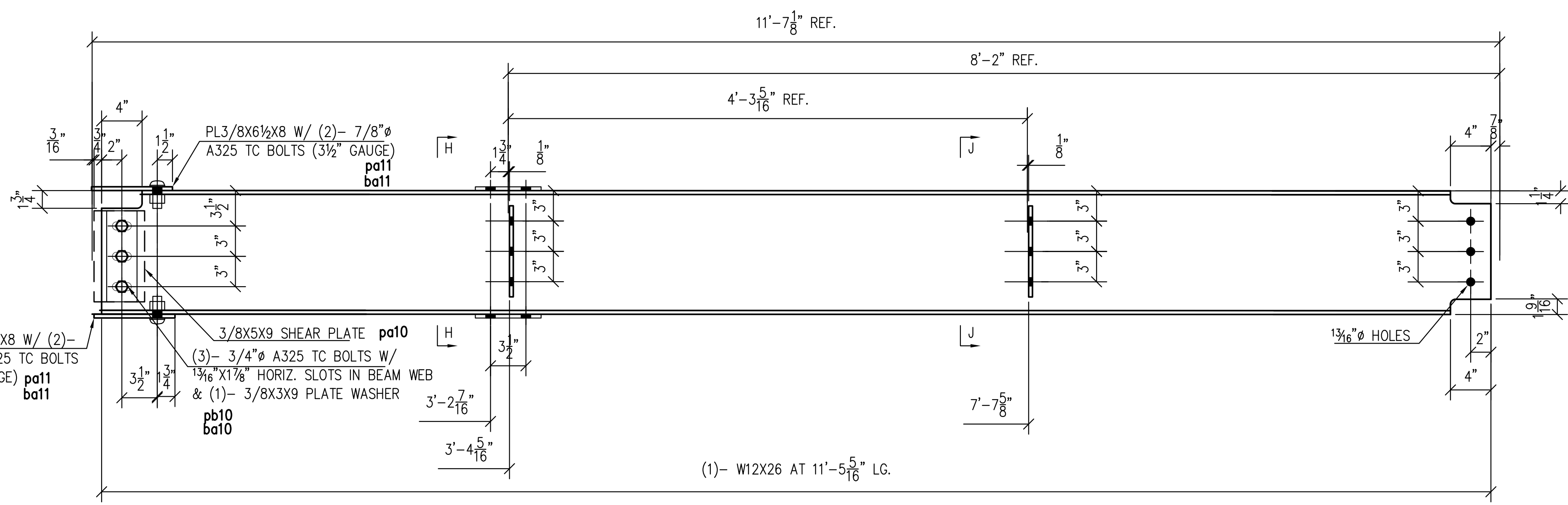
- MATERIALS:**
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
 - PLATES & SHAPES TO BE ASTM A36 (36 KSI)
 - RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
 - ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
 - PIPE TO BE ASTM A500 GRADE B (46 KSI)

PROJECT: 399 PARK AVENUE
ADDRESS: 399 PARK AVENUE, NEW YORK, NY 10022
ARCHITECT: GENSLER ENG: THORNTON TOMASETTI
CUSTOMER: TURNER CONSTRUCTION CO.
TITLE: NEW BEAMS & HANGERS AT PARK & LEX ENTRANCES & MEZZ.

DRN BY TS	ITEM: 03
CHKD BY ---	CONT. No. 18-007
DATE 5/15/2018	FINISH: NONE/MILL FINISH U.O.N.
ISSUED FOR FABRICATION & ERECTION	MATERIAL: SEE MATERIALS NOTE
DATE 2/15/2018	DWG. No. MD-12



14B14
(1 REQ.)



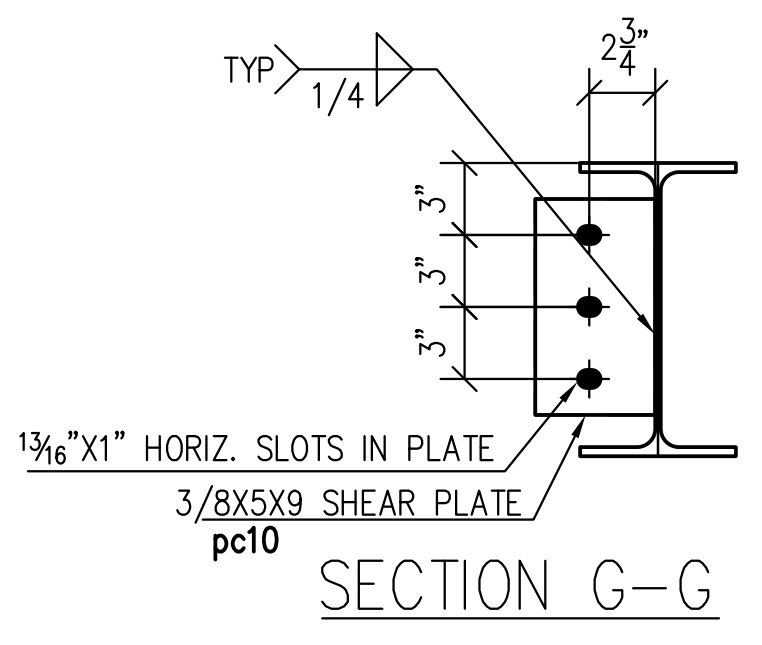
14B15
(1 REQ.)

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

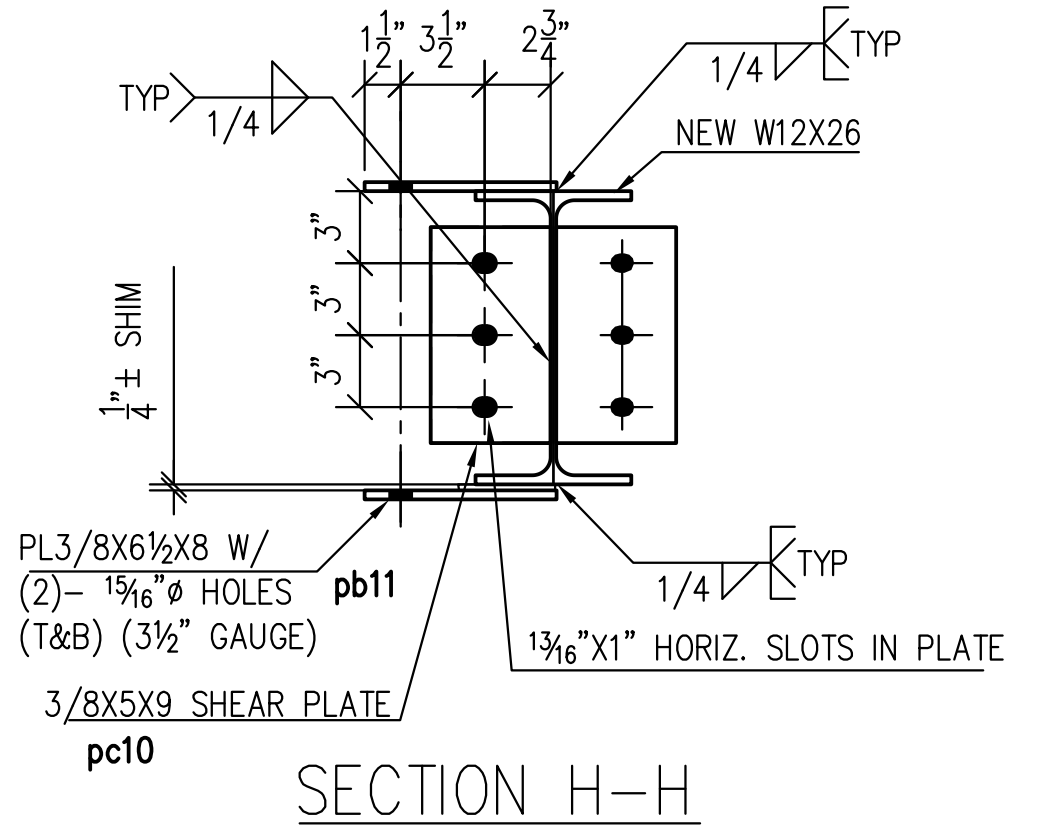


ALL BOLTS TO BE SNUG FIT U.N.O.

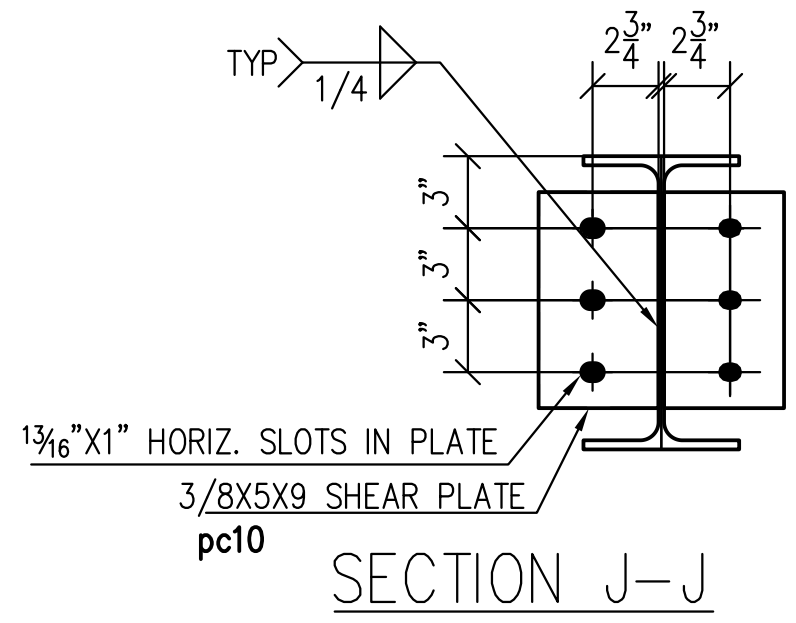
- MATERIALS:**
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
 - PLATES & SHAPES TO BE ASTM A36 (36 KSI)
 - RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
 - ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
 - PIPE TO BE ASTM A500 GRADE B (46 KSI)



SECTION G-G



SECTION H-H



SECTION J-J

REV.	DATE	ISSUED FOR	DRN BY	TS	CHKD BY	DATE	FINISH: NONE/MILL FINISH U.O.N.	MATERIAL: SEE MATERIALS NOTE	ITEM: 03	CONT. No. 18-007	MD-14
	5/15/2018	FABRICATION & ERECTION									
						2/15/2018					

REFERENCE DRAWINGS:
S-101, S-201, S-202

PROJECT: 399 PARK AVENUE
ADDRESS: 399 PARK AVENUE, NEW YORK, NY 10022
ARCHITECT: GENSLER
CUSTOMER: TURNER CONSTRUCTION CO.
ENGINEER: THORNTON TOMASETTI

TITLE: NEW BEAMS & HANGERS AT PARK & LEX ENTRANCES & MEZZ.

