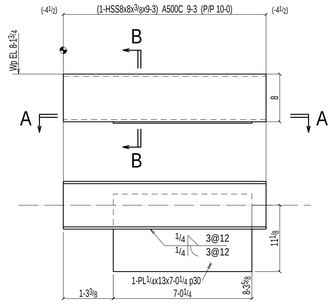
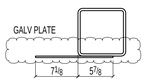
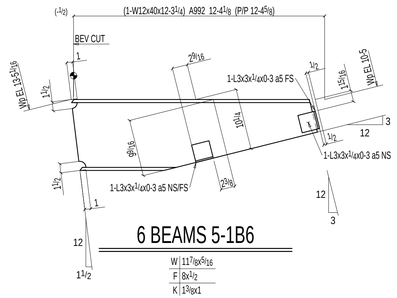


Section A-A
5-1B1



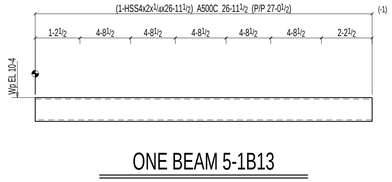
Section B-B
5-1B1

ONE BEAM 5-1B1

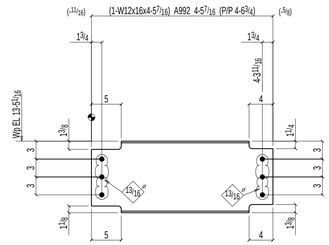


6 BEAMS 5-1B6

W 11 7/8x6 5/16
F 8x1 1/2
K 1 3/8x1

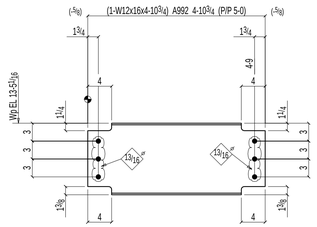


ONE BEAM 5-1B13



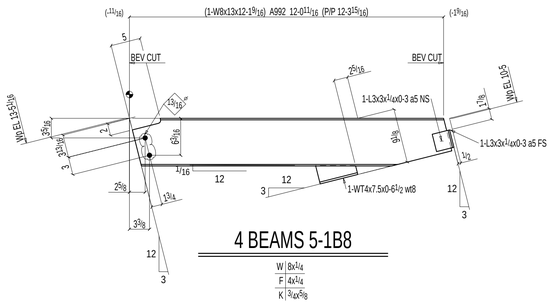
ONE BEAM 5-1B2

W 12x1 1/4
F 4x1 1/4
K 13 15/16x11/16



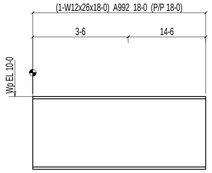
5 BEAMS 5-1B4

W 12x1 1/4
F 4x1 1/4
K 13 15/16x11/16



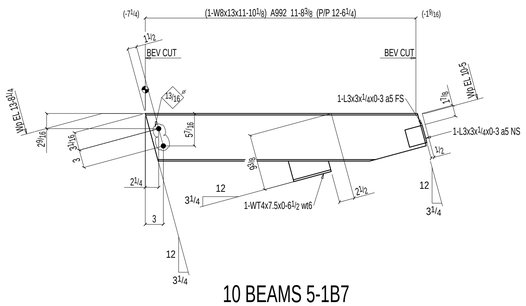
4 BEAMS 5-1B8

W 8x1 1/4
F 4x1 1/4
K 1 3/4x5/8



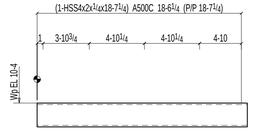
ONE BEAM 5-1B11

W 12 9/16x1 1/4
F 6 1/2x3/8
K 1 1/16x13/16

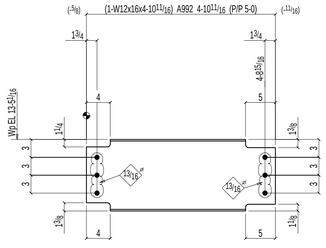


10 BEAMS 5-1B7

W 8x1 1/4
F 4x1 1/4
K 3/4x6 5/8

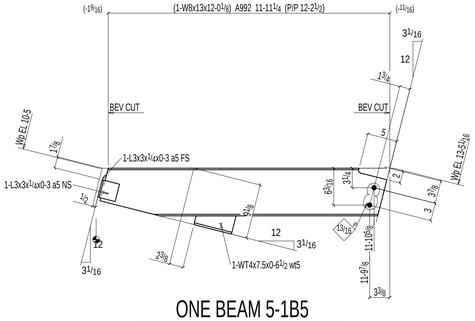


ONE BEAM 5-1B10



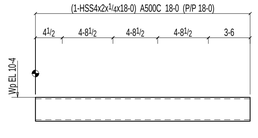
ONE BEAM 5-1B3

W 12x1 1/4
F 4x1 1/4
K 13 15/16x11/16

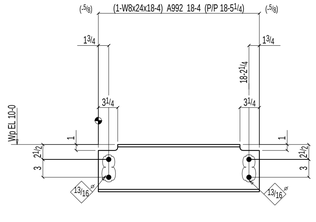


ONE BEAM 5-1B5

W 8x1 1/4
F 4x1 1/4
K 3/4x6 5/8



ONE BEAM 5-1B9



ONE BEAM 5-1B12

W 7 15/16x1 1/4
F 6 1/2x3/8
K 7/8x6 5/8

BILL OF MATERIAL

QTY TOTAL	PC MARK	DESCRIPTION	LENGTH		REMARKS	WEIGHT TOTAL
ONE	5-1B1	BEAM				426
1	hss28	HSS8x8x3/8	9	3	A500C	349
1	p30	PL1/4x13	7	0 1/4	A572-50	78
ONE	5-1B2	BEAM				71
1	w300	W12x16	4	5 7/16	A992	71
		FIELD BOLTS				
6		3/4 Dia A325	0	1 3/4	+1HD WASH	
ONE	5-1B3	BEAM				78
1	w289	W12x16	4	10 11/16	A992	78
		FIELD BOLTS				
6		3/4 Dia A325	0	1 3/4	+1HD WASH	
5	5-1B4	BEAM				392
5	w266	W12x16	4	10 3/4	A992	392
		FIELD BOLTS				
30		3/4 Dia A325	0	1 3/4	+1HD WASH	
ONE	5-1B5	BEAM				163
1	w351	W8x13	12	0 1/8	B2E A992	156
1	wt5	WT4x7.5	0	6 1/2	B1E A992	4
2	a5	L3x3x1/4	0	3	A36	2
		FIELD BOLTS				
2		3/4 Dia A325	0	1 3/4	+1HD WASH	
6	5-1B6	BEAM				2974
6	w228	W12x40	12	3 1/4	B1E A992	2944
24	a5	L3x3x1/4	0	3	B1E A36	29
4	5-1B8	BEAM				657
4	w20	W8x13	12	1 9/16	B2E A992	631
4	wt8	WT4x7.5	0	6 1/2	B1E A992	16
8	a5	L3x3x1/4	0	3	A36	10
		FIELD BOLTS				
8		3/4 Dia A325	0	1 3/4	+1HD WASH	
ONE	5-1B9	BEAM				159
1	hss24	HSS4x2x1/4	18	0	A500C	159
ONE	5-1B10	BEAM				164
1	hss25	HSS4x2x1/4	18	7 1/4	A500C	164
ONE	5-1B11	BEAM				468
1	w297	W12x26	18	0	A992	468
ONE	5-1B12	BEAM				440
1	w232	W8x24	18	4	A992	440
		FIELD BOLTS				
2		3/4 Dia A325	0	2	+1HD WASH	
ONE	5-1B13	BEAM				238
1	hss174	HSS4x2x1/4	26	11 1/2	A500C	238
10	5-1B7	BEAM				1605
10	w281	W8x13	11	10 1/8	B2E A992	1540
10	wt6	WT4x7.5	0	6 1/2	B1E A992	41
20	a5	L3x3x1/4	0	3	A36	25
		FIELD BOLTS				
20		3/4 Dia A325	0	1 3/4	+1HD WASH	

AC METALS LLC
5141 FROLICH LN,
HYATTSVILLE, MD 20781
P: (240) 706-6757

GENERAL LEGEND:

= APPROVER TO VERIFY
= VERIFY IN FIELD

STANDARD SHOP NOTES:

EACH END OF MATERIAL MAY DEVIATE FROM DIMENSIONS SHOWN BY 1/2 NORMAL A6 MILL TOLERANCE FOR LENGTH AND SQUARENESS UNO

WELDERS ARE TO USE FCAW AND/OR SMAW PROCESS PER AWS D1.1 UNLESS NOTED.

ALL MEMBERS TO BE FABRICATED WITH SHIPPING MARKS ON LEFT HAND END.

STANDARD FIELD NOTES:

STEEL IS FABRICATED WITH "ERECTION MARKS" ON LEFT HAND END OF MEMBERS. STEEL MUST BE ERECTED WITH "ERECTION MARKS" WORKWISE AND IN POSITION SHOWN ON ERECTION PLAN.

TOMMY'S AMERICAN
14100 WHITNEY ROAD
GAINESVILLE, VA 20155

GENERAL CONTRACTOR: WINMAR
ARCHITECT: //3877 DESIGN
ENGINEER OF RECORD: LINTON ENGINEERING, LLC

MATERIAL SPECS:

W & WT SHAPES: A992 GRADE 50
TUBES: A500 GRADE B
PIPES: A53
PLATES: A36
CHANNELS: A36
WELDING RODS: E70XX
STEEL SHEETS: ASTM A653

FINISH NOTES:

REV	DATE	DESCRIPTION
1	Aug 12 2026	FOR FAB / FIELD USE

SPEC SECTION:

DRAWN BY: GCN
DATE: 6-3-2026
ITEM: STRUCTURAL STEEL
JOB NUMBER: 26-020
DWG NUMBER: 5-F1

COMMONWEALTH OF VIRGINIA
ERHAN TOLU
LICENSE No. 15096
PROFESSIONAL ENGINEER