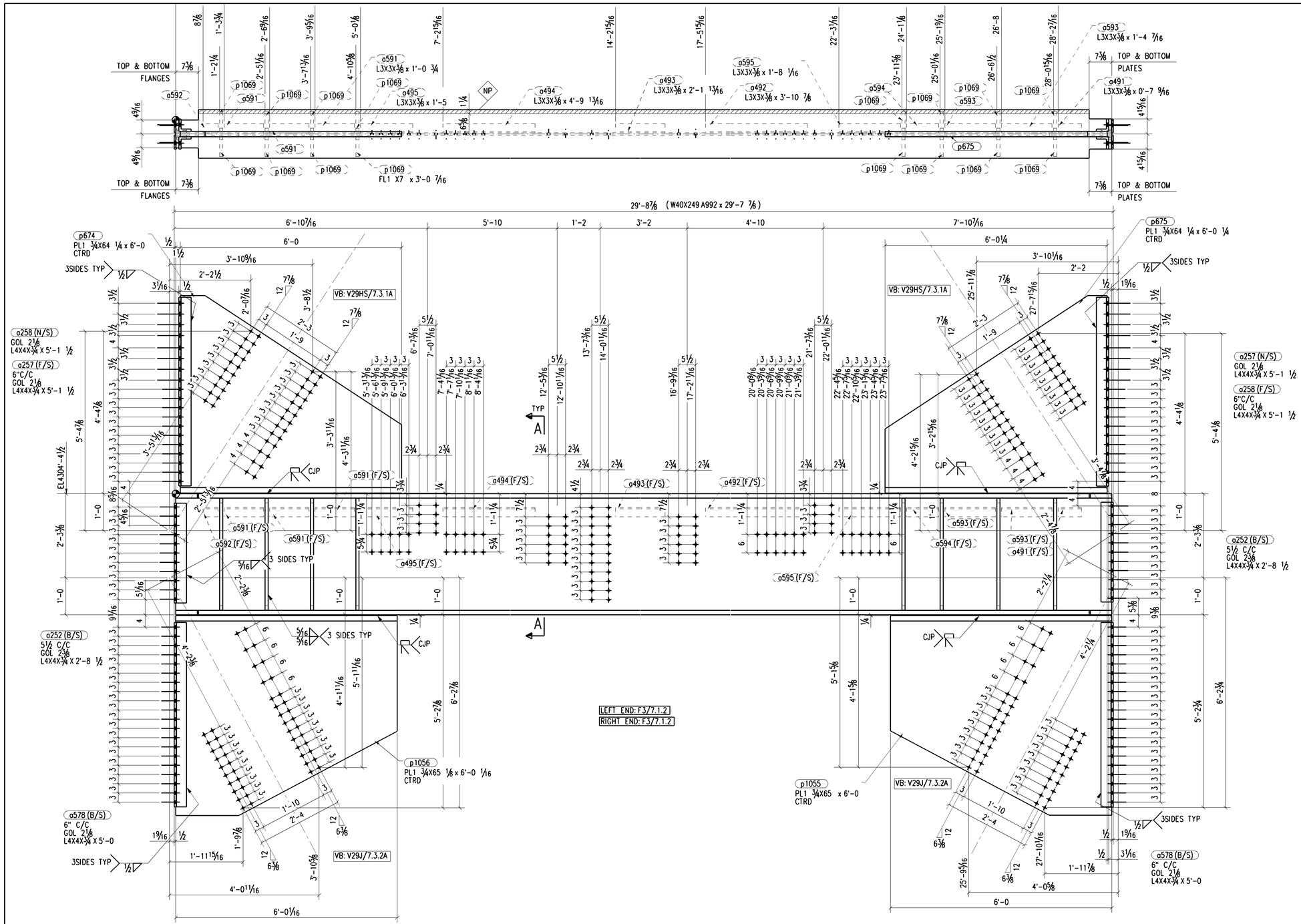
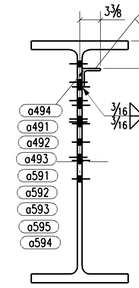


1 ~ BEAM ~ B16215B1



A – A

ALL A325SC & A490SC SHOP & FIELD BOLTS SHALL BE A325SC-X AND A490SC-X RESPECTIVELY

NO MASKING REQUIRED AT FAYING SURFACE AS THE PRIMER MEETS CLASS B FINISH

BILL OF MATERIAL

ABM	MARK	QTY	SHAPE	LENGTH	STEEL	REMARKS	COST	WEIGHT
PG-LN		TOTAL			GRADE		CODE	TOTAL
	B16215B1	1	BEAM				1.1.1.4	
	w622	1	W40X249	29'-7 7/8"	A992			7397.9
	a252	4	L4X4X3/4	2'-8 1/2"	A36			200.6
	a257	2	L4X4X3/4	5'-1 1/2"	A36			189.8
	a258	2	L4X4X3/4	5'-1 1/2"	A36			189.8
	a491	1	L3X3X3/8	0'-7 9/16"	A36			4.5
	a492	1	L3X3X3/8	3'-10 7/8"	A36			28.0
	a493	1	L3X3X3/8	2'-1 13/16"	A36			15.4
	a494	1	L3X3X3/8	4'-9 13/16"	A36			34.6
	a495	1	L3X3X3/8	1'-5"	A36			10.2
	a578	4	L4X4X3/4	5'-0"	A36			370.3
	a591	3	L3X3X3/8	1'-0 3/4"	A36			22.9
	a592	1	L3X3X3/8	0'-4 7/8"	A36			2.9
	a593	2	L3X3X3/8	1'-4 7/16"	A36			19.7
	a594	1	L3X3X3/8	0'-10 7/16"	A36			6.2
	a595	1	L3X3X3/8	1'-8 1/16"	A36			12.0
	p674	1	PL1 3/4"X64 1/4"	6'-0"	A36			1597.2
	p675	1	PL1 3/4"X64 1/4"	6'-0 1/4"	A36			1566.3
	p1055	1	PL1 3/4"X65"	6'-0"	A36			1941.0
	p1056	1	PL1 3/4"X65 1/8"	6'-0 1/16"	A36			1946.8
	p1069	16	FL1"X7"	3'-0 7/16"	A36			1147.1
							TOTAL WEIGHT	16703

TOTAL QTY	MARK	SHOP BOLTS	LENGTH

TOTAL QTY	MARK	FIELD BOLTS	LENGTH
82	B16215B1	7/8" DIA A325SC BOLT	6"
31	B16215B1	7/8" DIA A325SC BOLT	6 1/2"

REVISION AND DISTRIBUTION BOX

REV	DATE	DESCRIPTION	BY	TO APPL	TO SHOP	TO FIELD

DRAWINGS ARE SUBMITTED FOR APPROVAL IN ACCORDANCE WITH AISC MANUAL NINTH EDITION - PAGE 5-229 PARAGRAPH 4.2 AND PAGE 5-250 SECTION 4.

SHOP NOTES:

1) ALL RUNNING DIMENSIONS ARE TAKEN FROM THE ℄ LINE
2) ALL GAS RE-ENTRANT CUTS WILL HAVE A RADIUS OF 1/2" UNLESS NOTED
3) ALL SHOP BOLTS SHALL BE SNUG TIGHT UNLESS NOTED

MATERIAL : ASTM A36 UNLESS NOTED
WELD : E70XX - LH ELECTRODES
OPEN HOLES :
PAINT : PREP: COMMERCIAL BLAST CLEAN IN ACCORDANCE WITH SSPC-SP6
PRIME: ONE COAT INORGANIC ZINC
FINISH: NONE
BOLTS : 7/8" DIA A325SC-X, CLASS B (UNLESS NOTED)

DWG DESCRIPTION:

Aarbee Structures Private Limited
www.aarbeesteeldetail.com

NP NO PRIME COAT NO TOP COAT
NTC NO TOP COAT PRIMER REQ'D

CUSTOMER:		JOB NO.	EXTRA NO.
JOB TITLE:			
JOB LOCATION:		DWG. NO.	REV. NO.
DWG. BY:	DATE: CHK. BY: DATE:	B16215B	