

Mail ID: info@dcsteeldetailing.in
 DCE SAMPLE DRGS.

BILL OF MATERIAL						
QTY	MARK	DESCRIPTION	LENGTH	REMARKS	Weight Each	
1	1000C1	W8X31	38'-6"	GALVANIZED	80-1	1201.43
1	1000P1	PL 1'X10'	0'-10"			28.26
3	1000P2	PL 3/8\"/>				

NOTE:-
 Ⓢ SYMBOL IS TO BE MARKED ON SIDE OF PLATE NOTED FOR ERECTION.

- SHOP NOTES:
 1) STEEL NOTED & BOLTS TO BE GALVANIZED.
 2) SEAL WELD ALL CONTACT POINTS.
 3) OMIT WELDS @ ALL CLIPPED CORNERS OF STIFFENER.
 4) ALL PIECE MARK TO BE SEAL WELDED.
 5) SHOP TO VENT AS REQD.

REVISION				
MARK	DATE	BY	DESCRIPTION	CHK'D
0		NAD	ISSUED FOR FABRICATION	NAD
A		NAD	ISSUED FOR APPROVAL	NAD

GENERAL NOTES:	MATERIAL SPEC. UNLDO.	FABRICATOR NOTES:
WELDS:	W/SHAPES: A192	1. ALL HOLES MUST BE MACHINED HOLES.
	CHANNELS: A36	ONLY BASE PLATE HOLES MAY BE FLAME CUT.
	ANGLES: A36	ALL GAS PENETRATING WELDS ARE TO BE PERFORMED.
OPEN HOLES:	RECT & SQ HSS: A500B	ALL WELDING BEING DONE PER AWS D1.1
	ROUND HSS: A500B	
BOLTS:	PIPE: A53B	DRAWINGS ARE SUBMITTED FOR APPROVAL IN ACCORDANCE WITH AISC MANUAL NINTH EDITION-PAGE 5-229 PARAGRAPH 4.2 AND PAGE 5-280 SECTION 4.
	PLATES: A36	
ALL BOLTS TIGHTENED TO:	BAR: A36	
SINCE 1987 CONDITION UNLDO.	TUBE STEEL: MILD STEEL	
	R 1/8 GA OR LESS: MILD STEEL	

PREP:	SURFACE MILS		
PRIME:	MILS DFT	MIDCOAT:	MILS DFT
TOPCOAT:	MILS DFT		

PROJECT NO.	PROJECT DESCRIPTION	PROJECT LOCATION

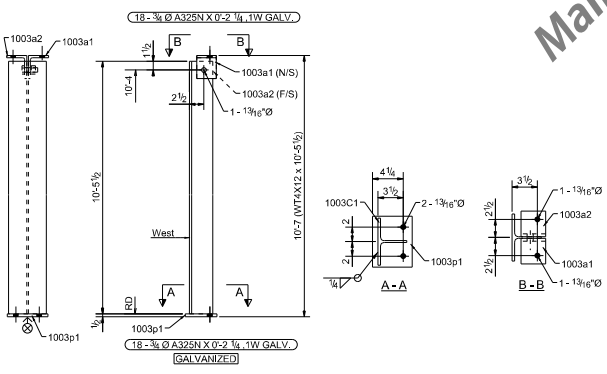
FILE NAME	DESCRIPTION
-100-	COLUMN

PROJECT ENGINEER	DRAWN BY	DATE	CHK'D	JOB NUMBER	SHEET NO.	1000
						0

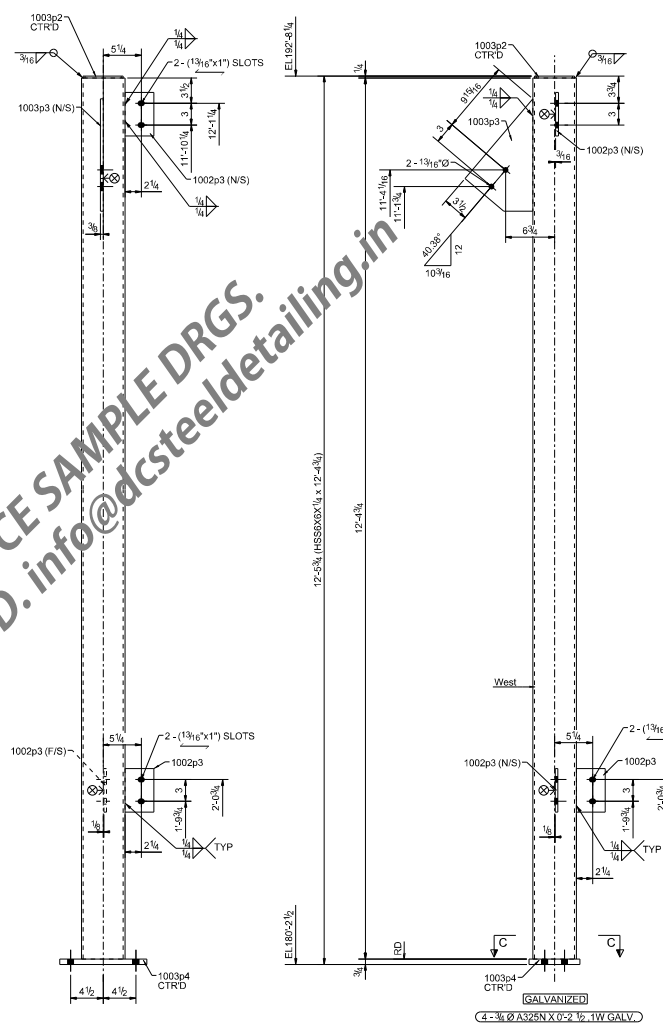
REF-E1001

4 - 3/4" THD. RODS X 0'-9 1/2"
 W/2 NUTS + 1 WASHER W/ ADHESIVE
 (8" MIN. EMBED) GALV.

DCE SAMPLE DRGS.
Mail ID: info@dcsteeldetailing.in



9 ~ COLUMN ~ 1003C1



1 ~ COLUMN ~ 1003C2

REF : E1001, E1002, E1003

BILL OF MATERIAL

QTY	MARK	DESCRIPTION	LENGTH	REMARKS	Weight Each
9	1003a1	WT4X12	10-5 1/2"	GALVANIZED	25.99
9	1003a1	L4X3-12X3/8	0-3 3/8"		2.57
9	1003a2	L4X3-12X3/8	0-3 3/8"		2.57
9	1003p1	PL12"X5 1/2"	0-2 1/4"		5.46
9		3/4" Ø A325N BOLT	0-2 1/4"	GALVANIZED	
1	1003c1	HSS8X6X14	12-4 3/4"	GALVANIZED	221.55
3	1002p3	PL3"8"X4"	0-4"		2.55
1	1003p2	PL14"X5 1/2"	0-5 1/2"		2.14
1	1003p3	PL3"8"X5 1/6"	1-3 1/2"		15.42
1	1003p4	PL3"4"X7"	1-5"		17.87

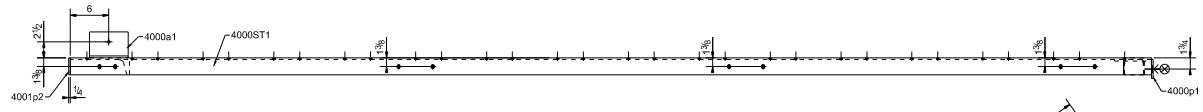
NOTE:-
⊗ SYMBOL IS TO BE MARKED ON SIDE OF PLATE NOTED FOR ERECTION

SHOP NOTES:-
1) STEEL NOTED & BOLTS TO BE GALVANIZED.
2) SEAL WELD ALL CONTACT POINTS.
3) OMIT WELDS @ ALL CURVED CORNERS OF STIFFENER
4) ALL PIECE MARK TO BE SEAL WELDED.
5) SHOP TO VENT AS REQD.

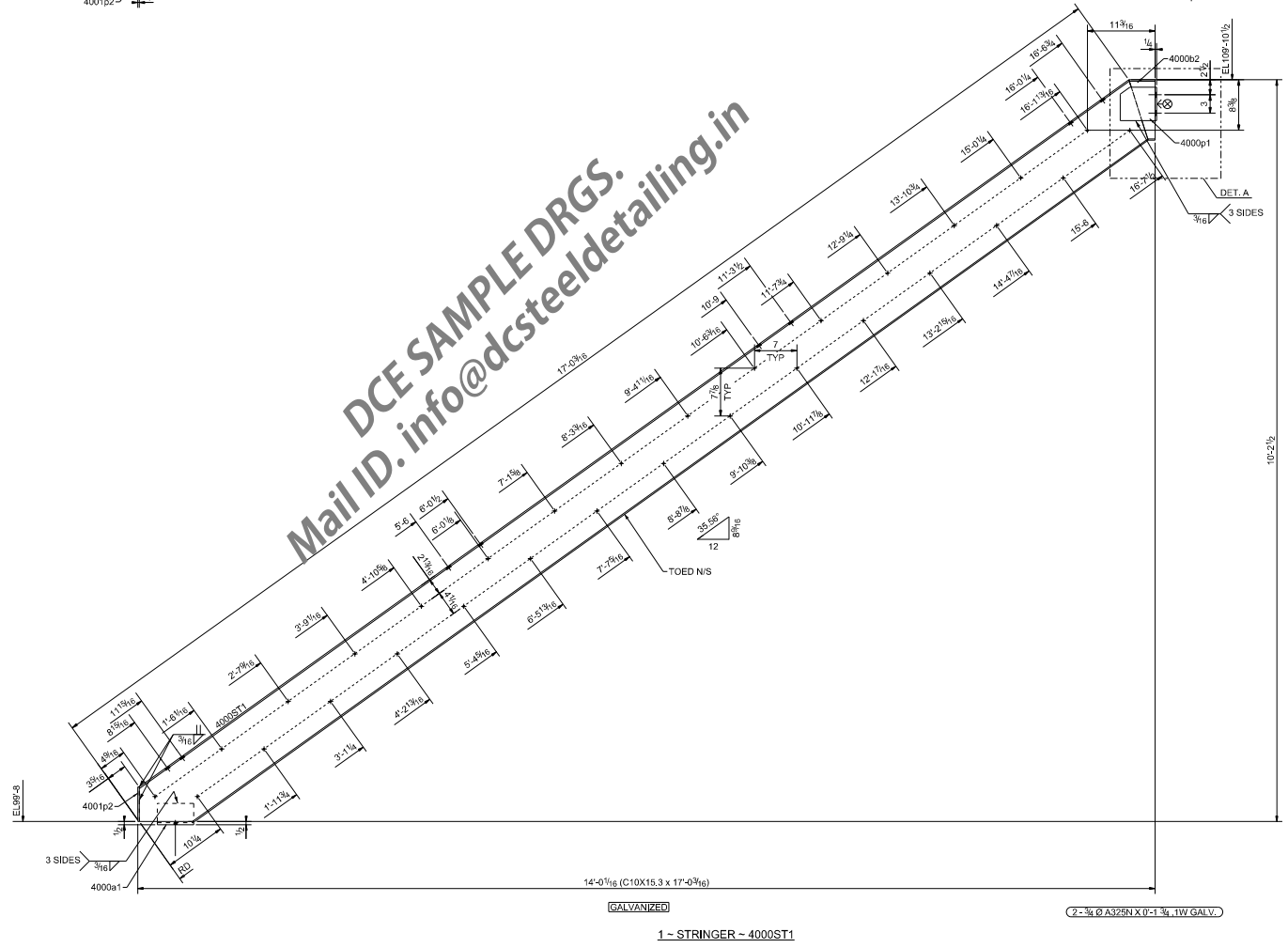
REVISION			
MARK	DATE	BY	DESCRIPTION
0			ISSUED FOR FABRICATION
A			ISSUED FOR APPROVAL
			CHKD
			NMD
			NMD

GENERAL NOTES:	MATERIAL SPEC. UNL.	FABRICATOR NOTES:
WELLS: CHANNELS ANGLES RECT & SQ HSS ROUND HSS PIPE PLATES ALL BOLTS TIGHTENED TO SPECIFIED CONDITION UNL.	A192 A36 A36 A500B A500B A570 A36 A36 A36	1. ALL HOLES MUST BE MACHINED HOLES. ONLY BASE PLATE HOLES MAY BE FLAME CUT. 2. ALL GAS PENETRANT IS TO BE PERFORMED UNL. 3. ALL WELDING IS TO BE PERFORMED AS PER AWS D1.1 4. DRAWINGS ARE SUBMITTED FOR APPROVAL IN ACCORDANCE WITH AISC MANUAL NINTH EDITION-PAGE 5-229 PARAGRAPH 1.4.2 AND PAGE 5-280 SECTION 4.

PREP:	SURFACE MILS	
PRIME:	MILS DFT	MIDCOAT:
TOPCOAT:	MILS DFT	
PROJECT NO.	PROJECT DESCRIPTION	PROJECT LOCATION
FILE NAME	DESCRIPTION	
-100-	COLUMN	
PROJECT ENGINEER	DRAWN BY	DATE
CHKD:	JOB NUMBER	SHEET NO. 1003
		REV. NO. 0



DCE SAMPLE DRGS.
Mail ID. info@dcsteeldetailing.in

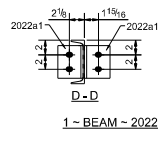
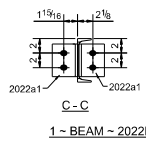
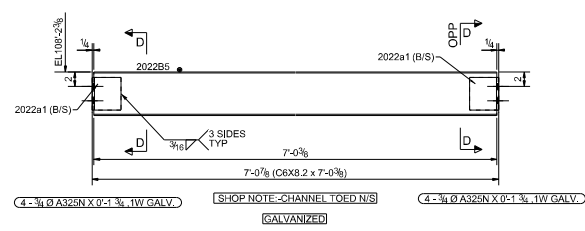
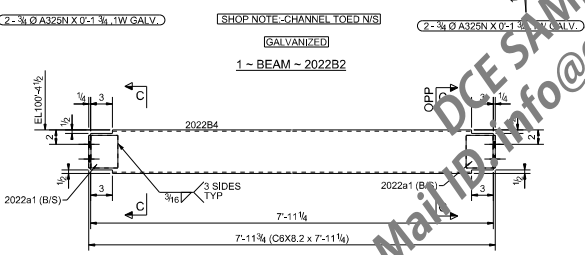
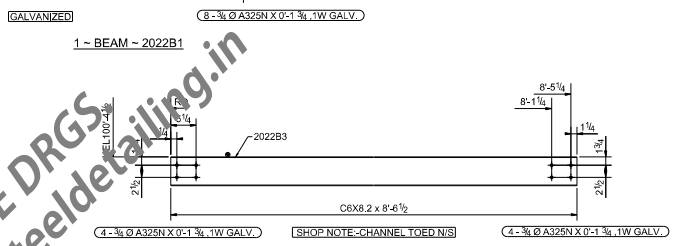
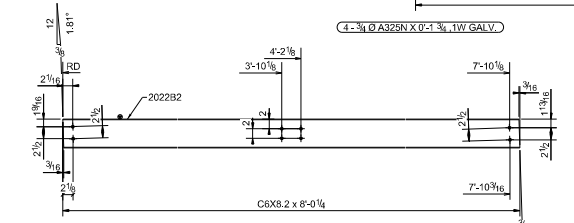
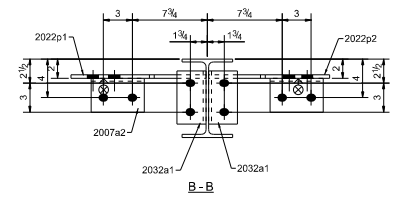
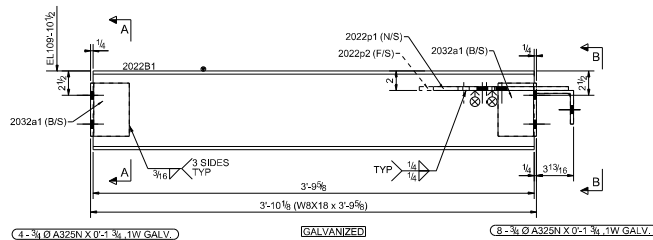
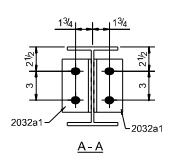
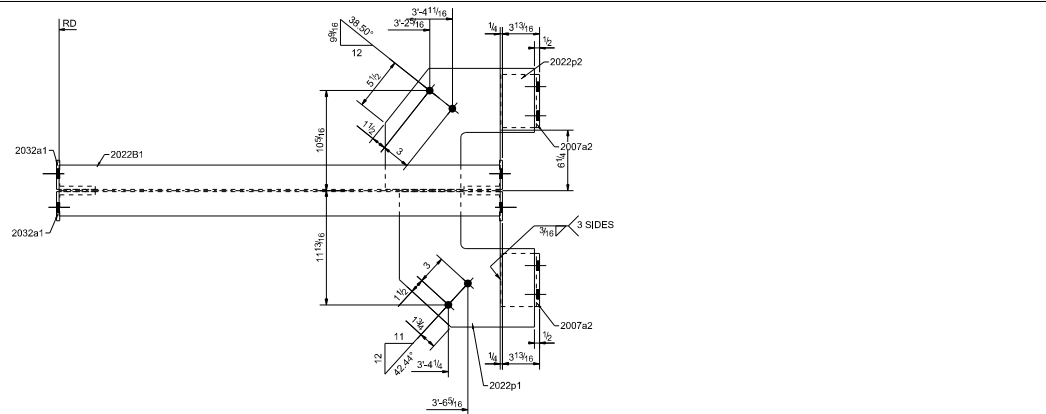


BILL OF MATERIAL							
SHP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
4000ST		1	C10X15.3	17'-0.3'16"	A36	GALVANIZED	259
	4000a1	1	L4X3-1/2X5/16	0'-4"	A36		4
	4000b2	1	C10X15.3	0'-4.3'8"	A36		6
	4000p1	1	PL 1/4"X3 1/2"	0'-4.1'2"	A36		3
	4001p2	1	PL 1/4"X2 5/8"	0'-3.3'4"	A36		1

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SHOP NOTES:-
1) STEEL NOTED & BOLTS TO BE GALVANIZED.
2) SEAL WELD ALL CONTACT POINTS.
3) OMIT WELDS @ ALL CLIPPED CORNERS OF STIFFENER.
4) ALL PIECE MARK TO BE SEAL WELDED.
5) SHOP TO VENT AS REQ'D.

STEEL OPEN HOLES	
SHOP PAINT	
0	ISSUED FOR FABRICATION
A	RELEASED FOR APPROVAL
JOB:	
LOCATION:	
ARCH OR ENGR:	
CUSTOMER:	
DRAWN BY:	DATE:
CHECKED:	DATE:
ELECTRODES	JOB
SHEET	4000



BILL OF MATERIAL

SHP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
2022B1		1	WBX18	7'-9 5/8"	AR2	GALVNEED	68
2007a2		2	L4X3-1/2X5/16	0'-5 1/2"	A36		7
2022p1		1	PL3/8FX14"	1'-2"	A36		15
2022p2		1	PL3/8FX12 1/2"	1'-3 7/8"	A36		14
2032a1		4	L4X3X5/16	0'-5 1/2"	A36		13
		0	3/4"Ø A325N BOLT	0'-3 1/4"			0
2022B2		1	C6X8.2	8'-0 1/4"	AR2	GALVNEED	65
2022B3		2	C6X8.2	8'-6 1/2"	AR2	GALVNEED	139
2022B4		1	C6X8.2	7'-11 1/4"	AR2	GALVNEED	65
2022a1		4	L4X3-1/2X5/16	0'-4 1/2"	A36		11
2022B5		1	C6X8.2	7'-0 3/8"	AR2	GALVNEED	67
2022a1		4	L4X3-1/2X5/16	0'-4 1/2"	A36		11

NOTE -
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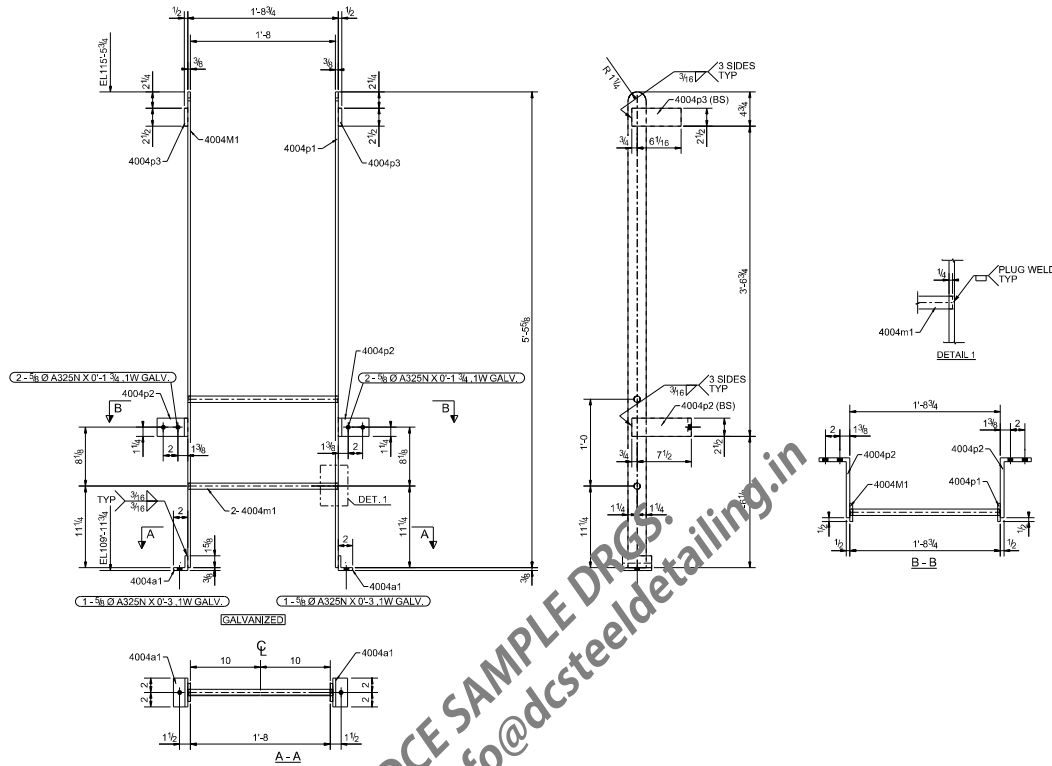
SHOP NOTES -
 1) STEEL NOTED & BOLTS TO BE GALVANIZED.
 2) SEAL WELD ALL CONTACT POINTS.
 3) OMIT WELDS @ ALL CLIPPED CORNERS OF STIFFENER
 4) ALL PRICE MARK TO BE SEAL WELDED.
 5) SHOP TO VENT AS REQD.

STEEL
 OPENHOLES
 SHOP PAINT

0	ISSUED FOR FABRICATION
A	RELEASED FOR APPROVAL
JOB:	
LOCATION:	
ARCH OR ENGR.:	
CUSTOMER:	
DRAWN BY:	DATE:
CHECKED:	DATE:
ELECTRODES	JOB
	SHEET 2022

BILL OF MATERIAL

SHP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
4004M1		1	PL3/8"x2' 1/2"	5'-5 5/8"	A36	GALWELD	17
4004a1		2	L2X2X3/8	0'-4"	A36		3
4004m1		2	ROD7/8"	1'-8 1/2"	A36		7
4004p1		1	PL3/8"x2' 1/2"	5'-5 5/8"	A36		17
4004p2		2	PL1/2"x2' 1/2"	0'-11 1/2"	A36		9
4004p3		2	PL1/2"x2' 1/2"	0'-4 13/16"	A36		5



NOTE:-
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 ON SIDE OF PLATE NOTED
 FOR ERECTION

SHOP NOTES:-
 1) STEEL NOTED & BOLTS TO BE GALVANIZED.
 2) SEAL WELD ALL CONTACT POINTS.
 3) GRIND WELDS @ ALL CLIPPED
 CORNERS OF STIFFNER
 4) ALL PIECE MARK TO BE SEAL WELDED.
 5) SHOP TO VENT AS REQD.

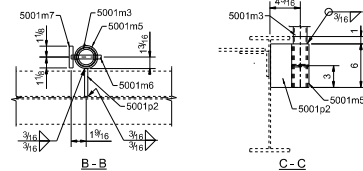
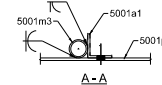
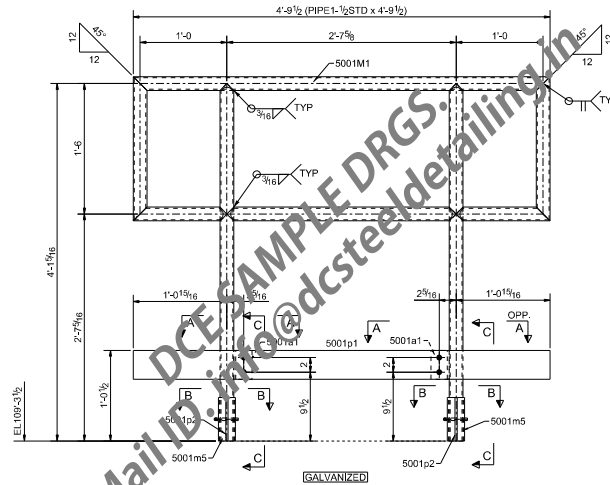
DCE SAMPLE DRGS
 Mail ID: info@dcsteeldetailing.in

LADDER ~ 4004M1

STEEL	
OPENHOLES	
SHOP PAINT	
0	ISSUED FOR FABRICATION
A	RELEASED FOR APPROVAL
JOB:	
LOCATION:	
ARCH OR ENGR:	
CUSTOMER:	
DRAWN BY:	DATE:
CHECKED:	DATE:
ELECTRODES	JOB
SHEET	4004

BILL OF MATERIAL

SHP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
5001M1	1		GUARDRAIL				
			PIPE 1-1/2 STD	2'-11 3/8"	A53-GRB	TOTAL LENGTH	54
			PIPE 2 STD	1'-0"	A53-GRB	TOTAL LENGTH	3
5001a1	2		L3-12X3-1/2X1/4	2'-0 1/4"			3
5001m6	2		R003 3"	2'-0 3/4 1/8"			0
5001m7	2		R003 3"	2'-0 2 1/4"			0
5001m2	2		PL 5/16 X 2 7/8"	2'-0 2 1/8"			3
5001p1	1		PL 1/2 X 6"	4'-9 1/2"			16



1 - GUARDRAIL - 5001M1

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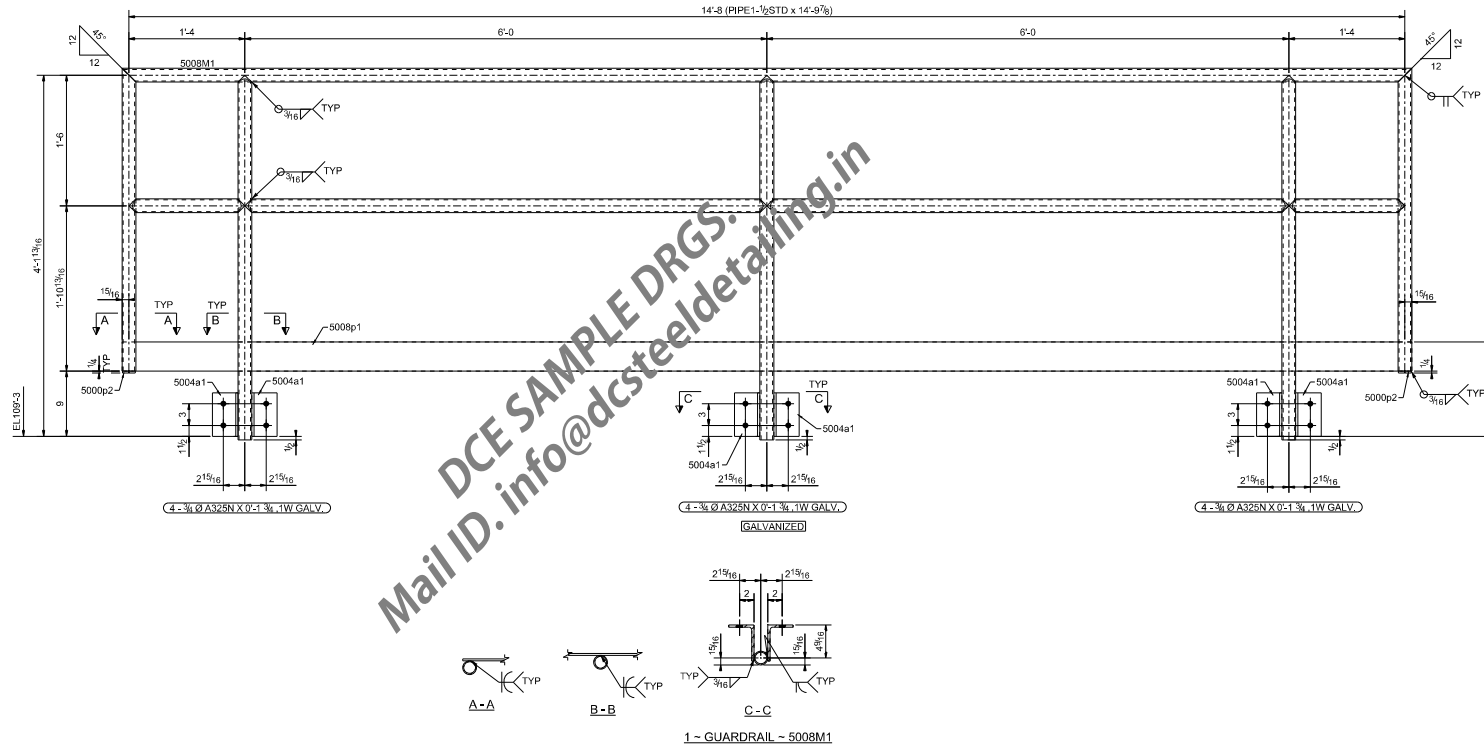
SHOP NOTES:-
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 2) SEAL WELD ALL CONTACT POINTS.
 3) OMIT WELDS @ ALL CLIPPED CORNERS OF STIFFENER.
 4) ALL PIECE MARK TO BE SEAL WELDED.
 5) SHOP TO VENT AS REQ'D.

STEEL
 OPEN HOLES
 SHOP PAINT

0	ISSUED FOR CONSTRUCTION		
A	RELEASED FOR APPROVAL		
JOB:			
LOCATION:			
ARCH OR ENGR.			
CUSTOMER:			
DRAWN BY:	DATE:	ELECTRODES	JOB
CHECKED:	DATE:	SHEET	5001

BILL OF MATERIAL

SHP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
			GUARDRAIL			SEE NOTE	
5008M1	1		PIPE 1-1/2 STD	49'-0 1/4"	A50CRB	TOTAL LENGTH	125
5004a1	6		L5X3-1/2X16	0'-0 0"			26
5008a1	1		PL 1/2" X 4"	14'-0 7/8"			50
5008a2	2		PL 1/2" X 1 3/4"	0'-0 1 3/4"			0



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 2) SEAL WELD ALL CONTACT POINTS.
 3) OMIT WELDS @ ALL CLIPPED CORNERS OF STIFFNER.
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 5) SHOP TO VENT AS REQD.

STEEL
 OPEN HOLES
 SHOP PAINT

0	ISSUED FOR CONSTRUCTION
A	RELEASED FOR APPROVAL

JOB: _____

LOCATION: _____

ARCH OR ENGR: _____

CUSTOMER: _____

DRAWN BY: _____	DATE: _____	ELECTRODES: _____	JOB: _____
CHECKED: _____	DATE: _____		SHEET: 5008

