

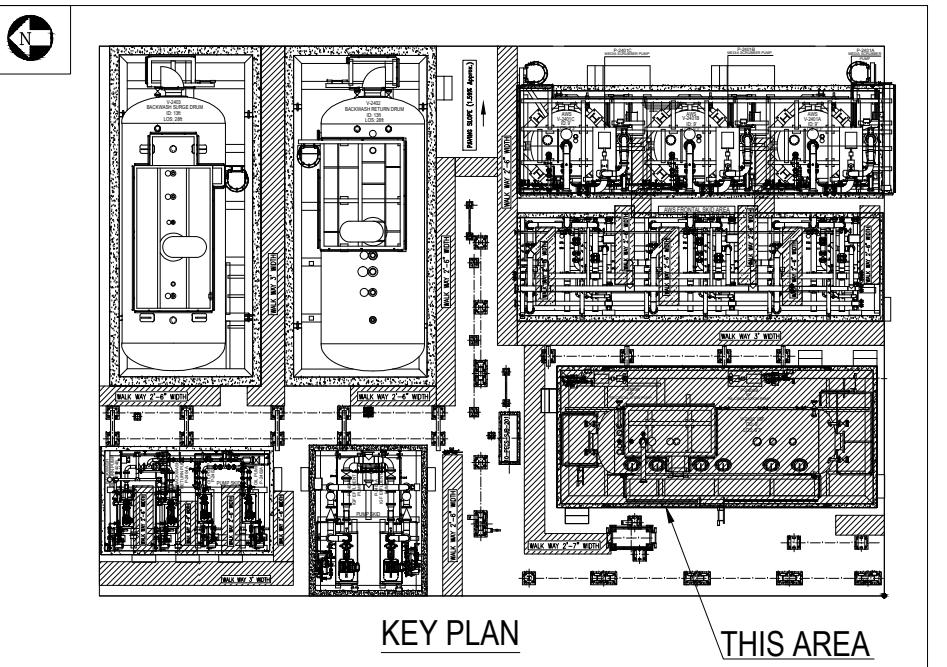
PUMP-2400A/B					
FORCES & MOMENTS		DUCT	DISCH		
F=FORCES (LBS)			FX	935	712
M=MOMENT (FT-LBS)			FY	935	1202
R=RESULTANT			FZ	935	2670
			MX	801	445
			MY	196	890
			MZ	196	454
			MR	847	1094

EMPTY C.G.
1) FOR X-DIRECTION (FROM REFERENCE POINT) = 237.913" (6043 MM)
2) FOR Z-DIRECTION (FROM REFERENCE POINT) = 99.960" (2539 MM)

ALLOWABLE NOZZLE LOADS					
NOZZLE	SIZE DN (NPS)	FL	FC	FA	ML MC MT
1. DL-EMPTY (EMPTY DEAD LOAD)					TOTAL LOADS (kips)
N1, N2	300 (12")	12195	9239	18745	152.826
N3, N18	150 (6")	2813	1520	4280	
N15A,N18,N17	100 (4")	1373	531	2140	
N5A,N5B,N5C	80 (3")	295	1380		
N4A,N4B,N4C	50 (2")	509	111	782	
N4D,N4E,N12					
N14,N16					

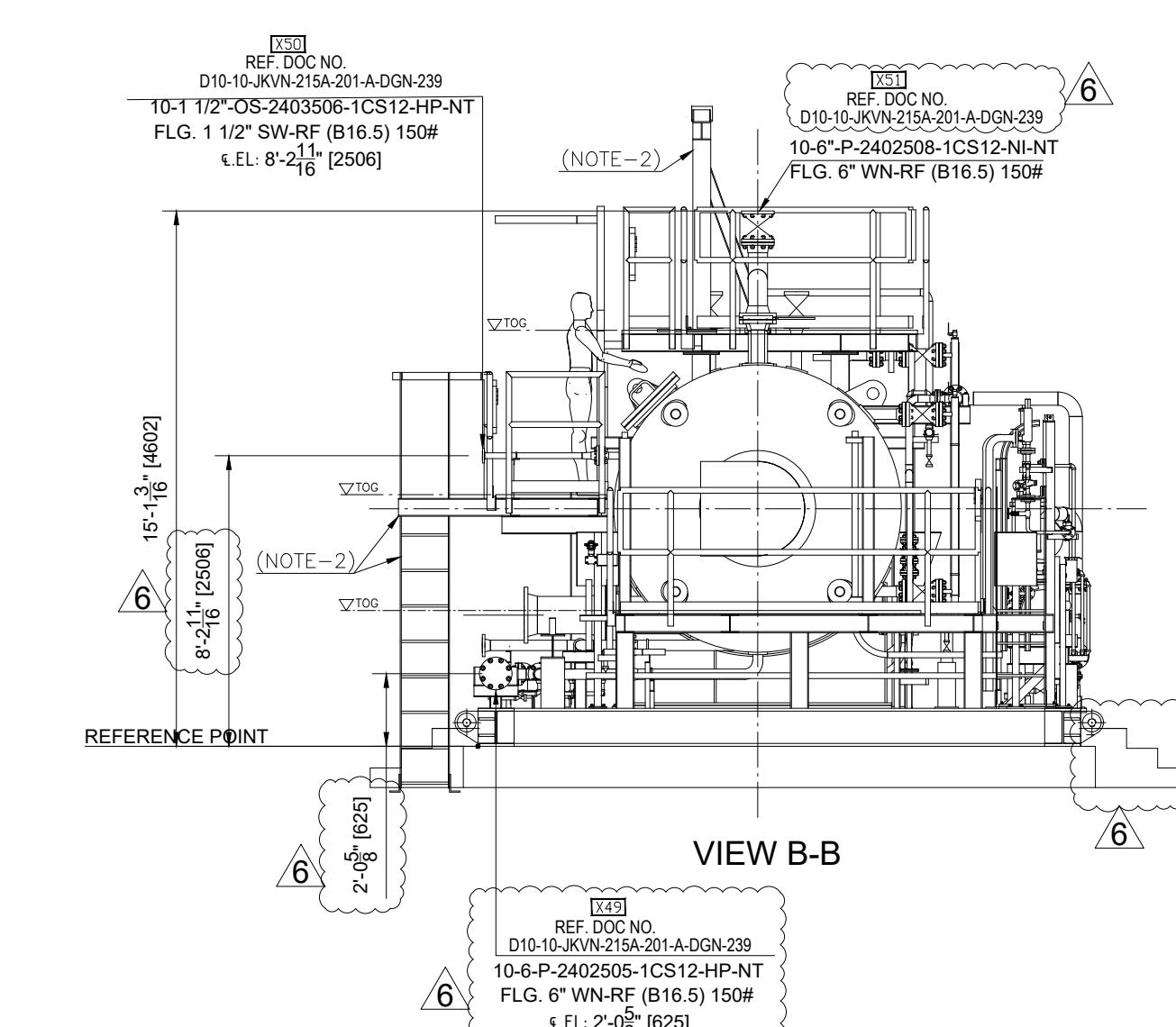
LOAD CASE DESCRIPTION	TOTAL LOADS (kips)
1. DL-EMPTY (EMPTY DEAD LOAD)	152.826
2. DL-OPERATING (OPERATING DEAD LOAD)	243.785
3. TEST LOAD	248.366

REFERENCE DRAWINGS	
DWG. NO.	DESCRIPTION
B01-10-JKVN-215A-201-A-DGN-220	PLOT PLAN FOR PROCESS WATER CLEAN UP UNIT (X-2400)
D11-10-JKVN-215A-201-A-DGN-238	PIPING ARRANGEMENT DRAWING
D09-10-JKVN-215A-201-A-DGN-237	IGF VESSEL GENERAL ARRANGEMENT DRAWING (10-V-2400)
B04-10-JKVN-215A-201-A-DGN-227	CIVIL DESIGN DATA (LOADING DATA) AND ANCHORING DETAILS
E04-10-JKVN-215A-201-A-EIC-535	INSTRUMENT CABLE TRAY ROUTING

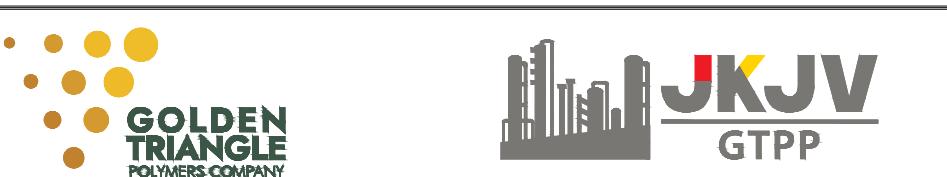


- GENERAL NOTES**
- ONLY (NOTE-1) MARKED SKID LIFTING LUG SHALL BE REMOVED FROM THE SKID AFTER INSTALLATION OF SKID AT SITE
 - (NOTE-2) MARKED MATERIALS ARE LOOSE SUPPLY.

LEGEND:
TOC - TOP OF CONCRETE
TOS - TOP OF STEEL
FGL - FINISH GROUND LEVEL
TOG - TOP OF GROUT



REV	DATE	DESCRIPTION	PREPD	CHK'D	APPD
6	20-06-2024	FC		NT	JS AM
5	04-04-2024	FC		NT	JS AM
4	16-01-2024	FC		NT	JS AM
3	25-10-2023	FC		NT	JS AM
2	04-07-2023	IFA		NT	JS AM
1	07-06-2023	IFA		NT	JS AM
0	20-03-2023	IFA		NT	JS AM



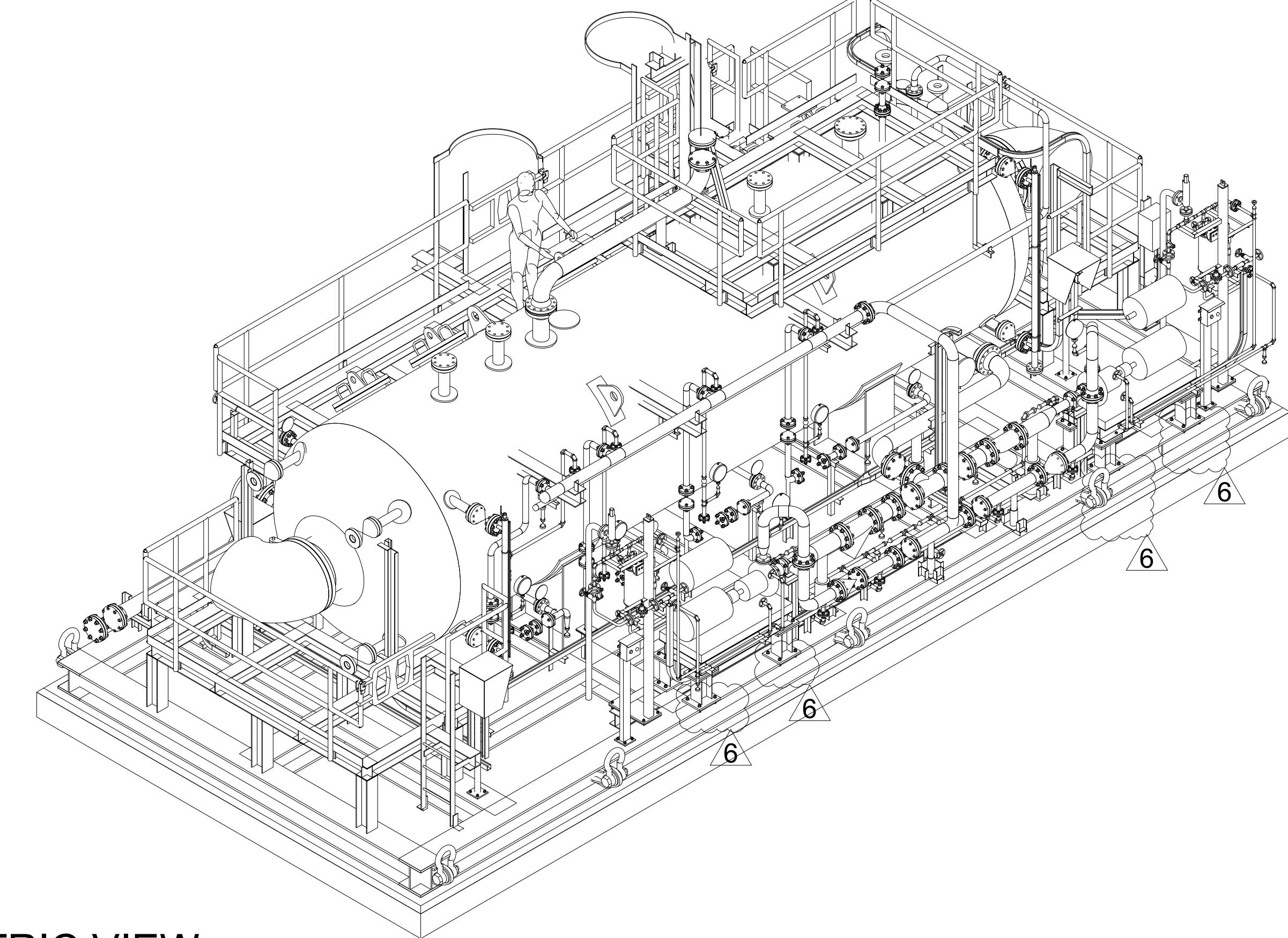
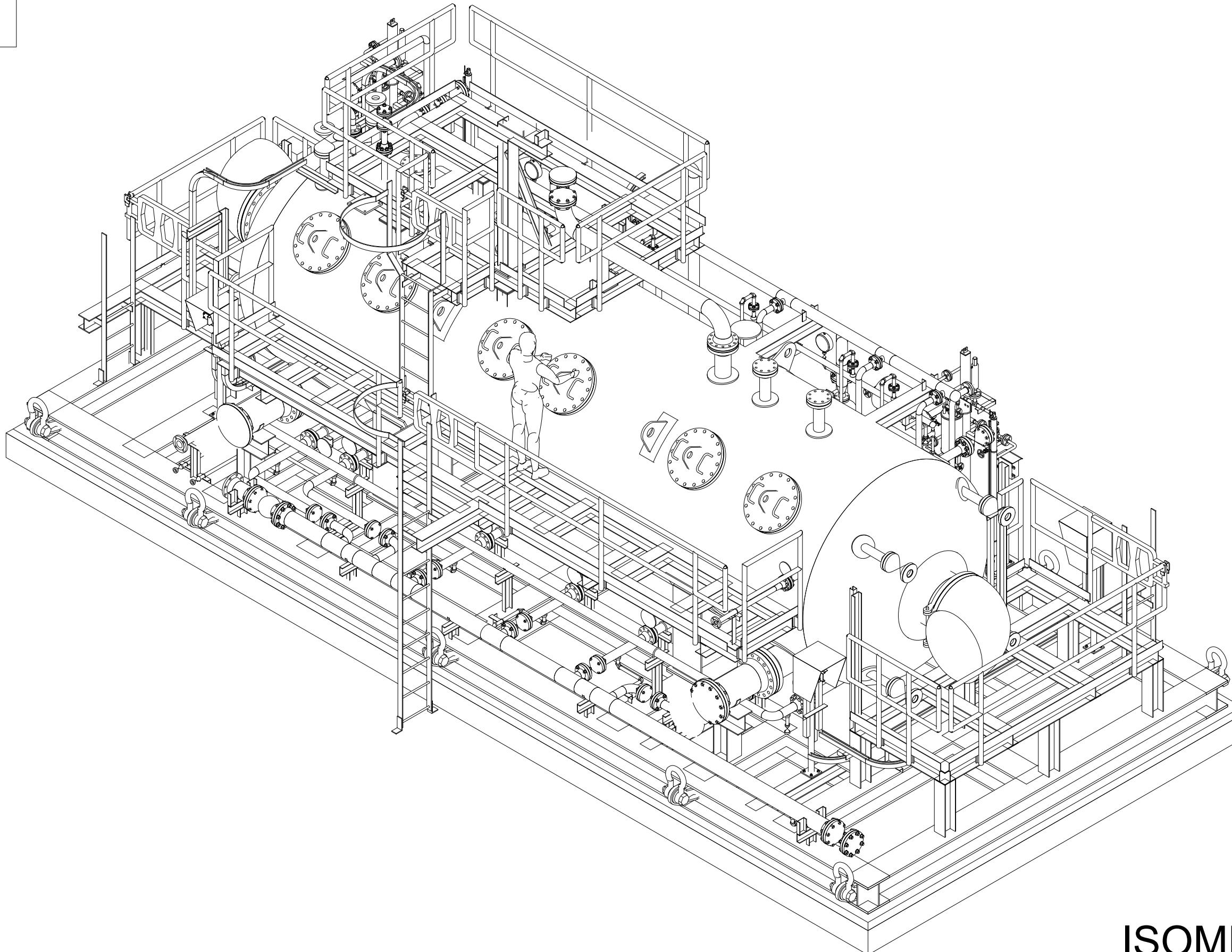
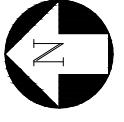
VENDOR NAME
SIEMENS energy

PURCHASER JOB CODE 0-8936-2 **PURCHASE ORDER NO.** P-215A-201-A

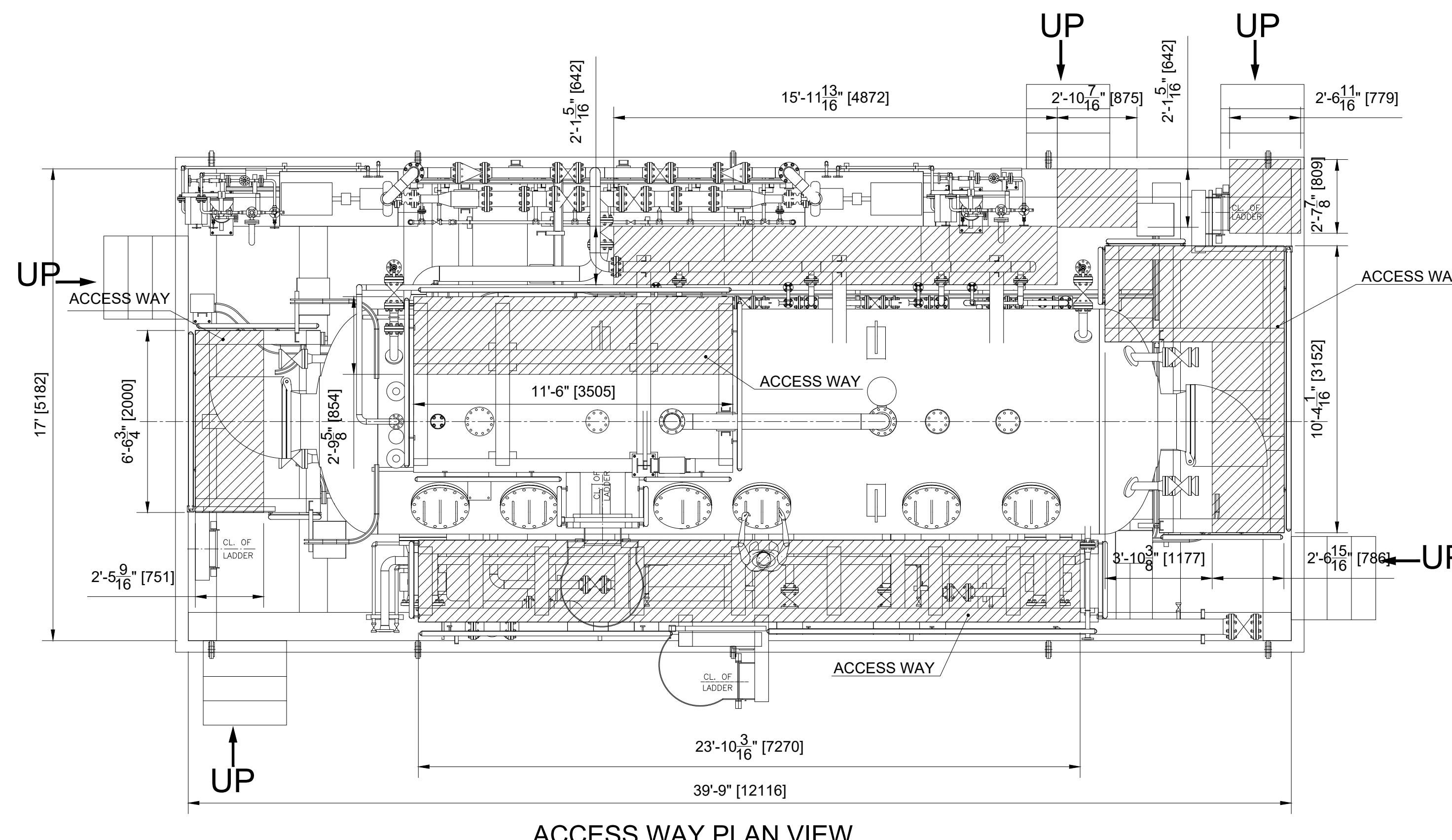
Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

ETHYLENE UNIT - 10

EQUIPMENT NAME / ITEM TAG NO.	10-X-2400
DOCUMENT TITLE	SKIDS GENERAL ARRANGEMENT DWG. AND PLAN DWG. (WITH PLATEFORM, LADDERS, STAIRS, DRAINAGE, GROUNDING) FOR IGF
COMPANY DWG. NO.	B01-10-JKVN-215A-201-A-DGN-221
CONTRACTOR DWG. NO.	V-215A-201-A-DGN-221
SCALE	1:40
DWG. NO.	SEI-DGN-221
SHEET	1 OF 2
SIZE	D
REV.	6



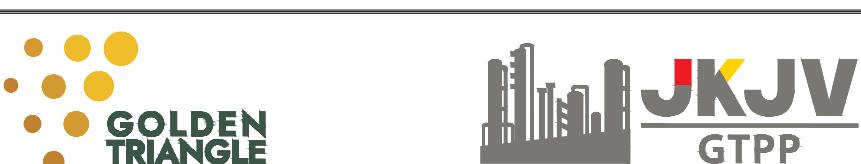
ISOMETRIC VIEW
(FOR REFERENCE ONLY)



REFERENCE DRAWINGS	
DWG. NO.	DESCRIPTION
B01-10-JKVN-215A-201-A-DGN-220	PLOT PLAN FOR PROCESS WATER CLEAN UP UNIT (X-2400)
D11-10-JKVN-215A-201-A-DGN-238	PIPING ARRANGEMENT DRAWING
D09-10-JKVN-215A-201-A-DGN-237	IGF VESSEL GENERAL ARRANGEMENT DRAWING (10-V-2400)
B04-10-JKVN-215A-201-A-DGN-227	CIVIL DESIGN DATA (LOADING DATA) AND ANCHORING DETAILS

GENERAL NOTES

REV	DATE	DESCRIPTION	PREPD	CHK'D	APPD
6	20-06-2024	FC	NT	JS	AM
5	04-04-2024	FC	NT	JS	AM
4	16-01-2024	FC	NT	JS	AM
3	25-10-2023	FC	NT	JS	AM
2	04-07-2023	IFA	NT	JS	AM
1	07-06-2023	IFA	NT	JS	AM
0	20-03-2023	IFA	NT	JS	AM



VENDOR NAME

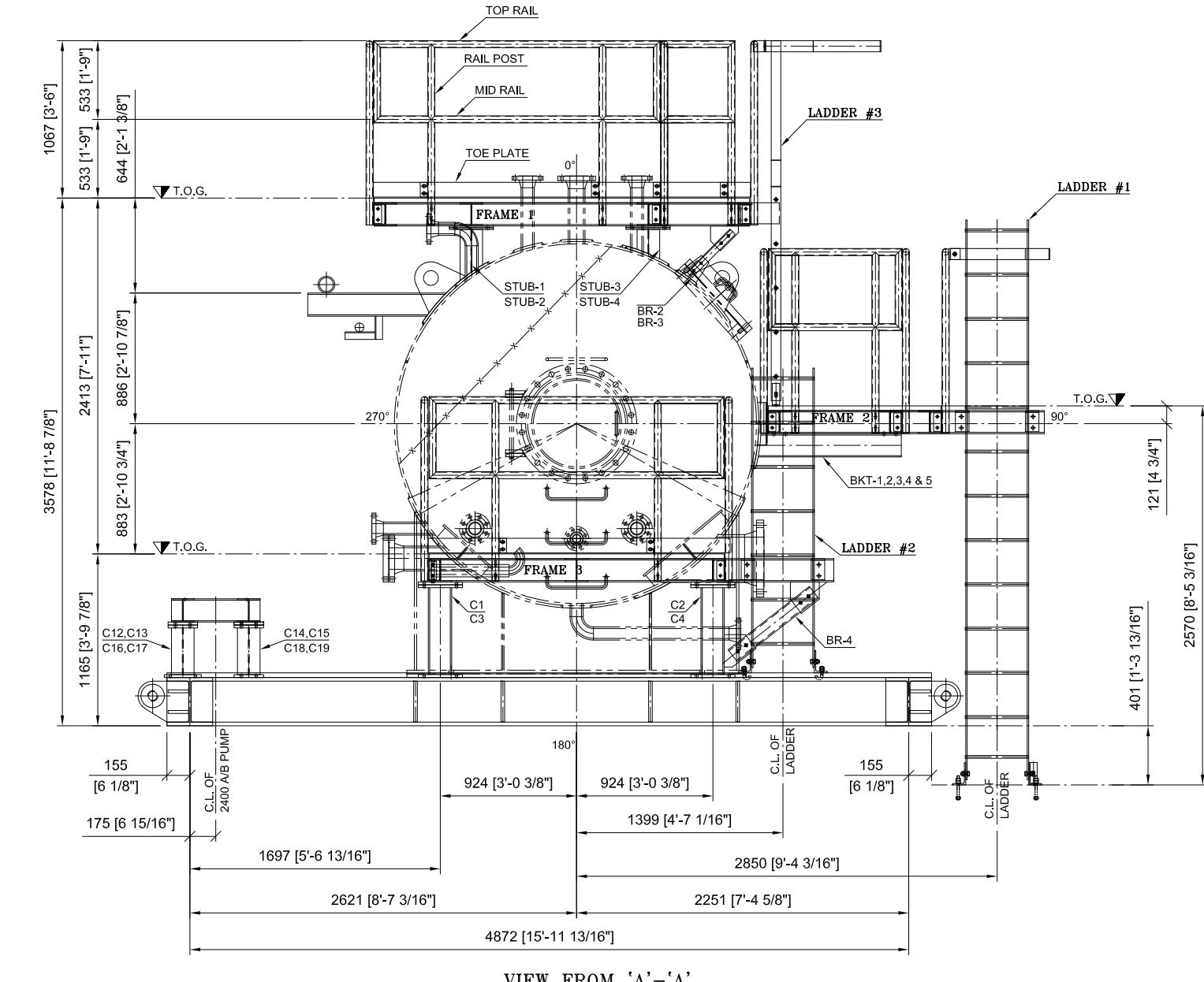
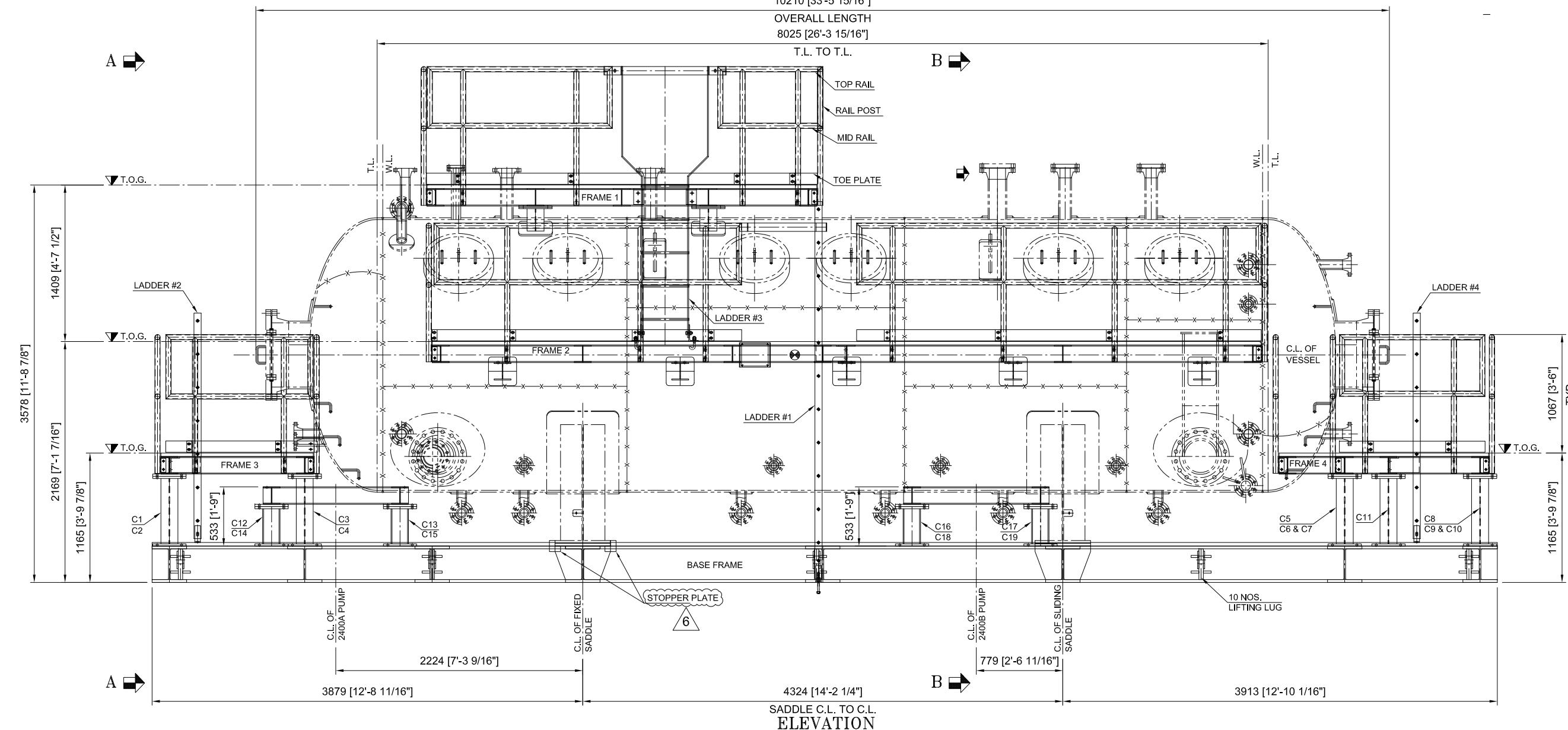
SIEMENS
energy

PURCHASER JOB CODE P-8936-2 PURCHASE ORDER NO. P-215A-201-A

Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

ETHYLENE UNIT - 10

EQUIPMENT NAME / ITEM TAG NO.	10-X-2400
DOCUMENT TITLE	SKIDS GENERAL ARRANGEMENT DWG. AND PLAN DWG. (WITH PLATFORM, LADDERS, STAIRS, DRAINAGE, GROUNDING) FOR IGF
COMPANY DWG. NO.	B01-10-JKVN-215A-201-A-DGN-221
CONTRACTOR DWG. NO.	V-215A-201-A-DGN-221
SCALE	1:40
DWG. NO.	SHEET
SEI-DGN-221	SIZE
	REV.
	D
	6



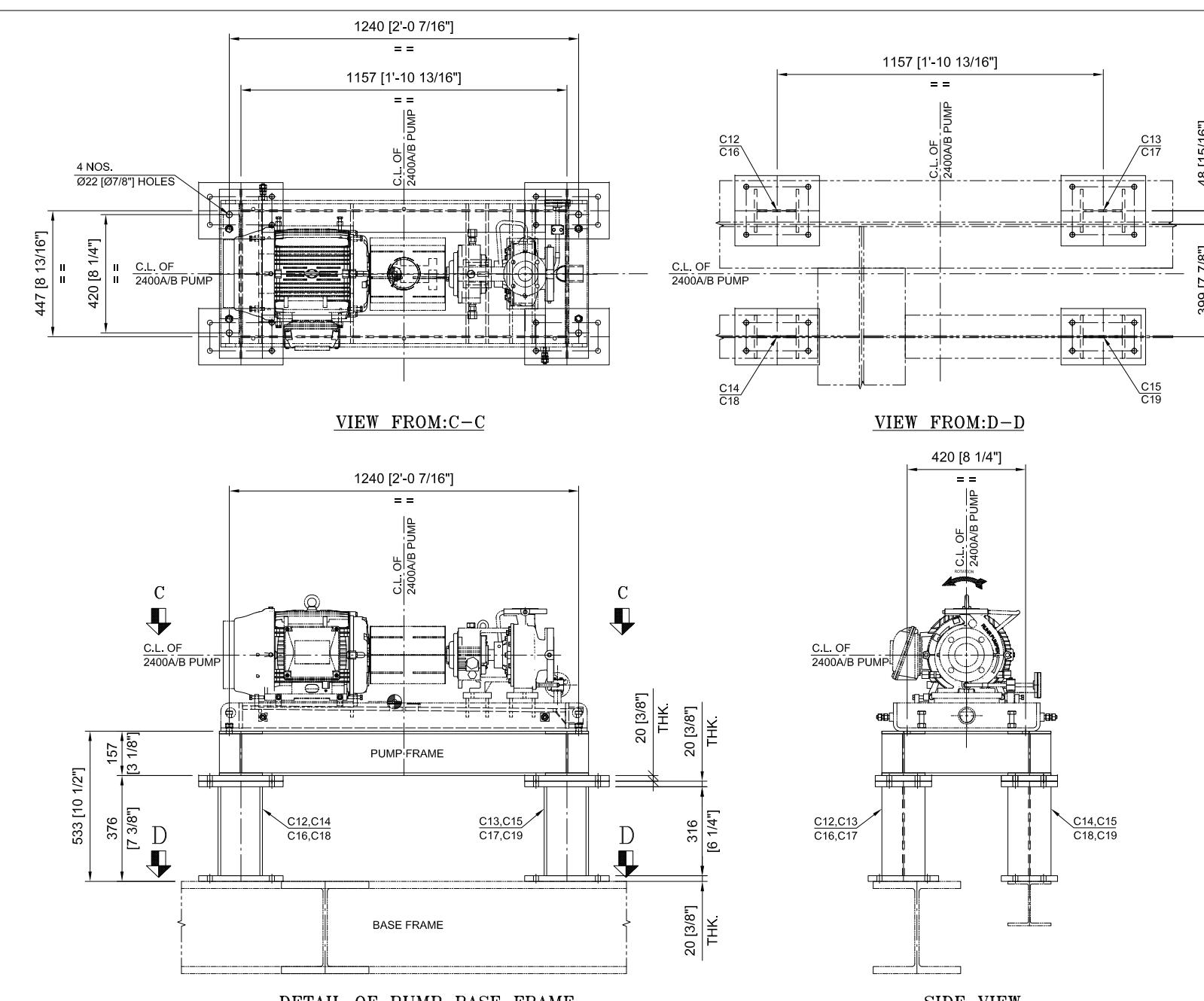
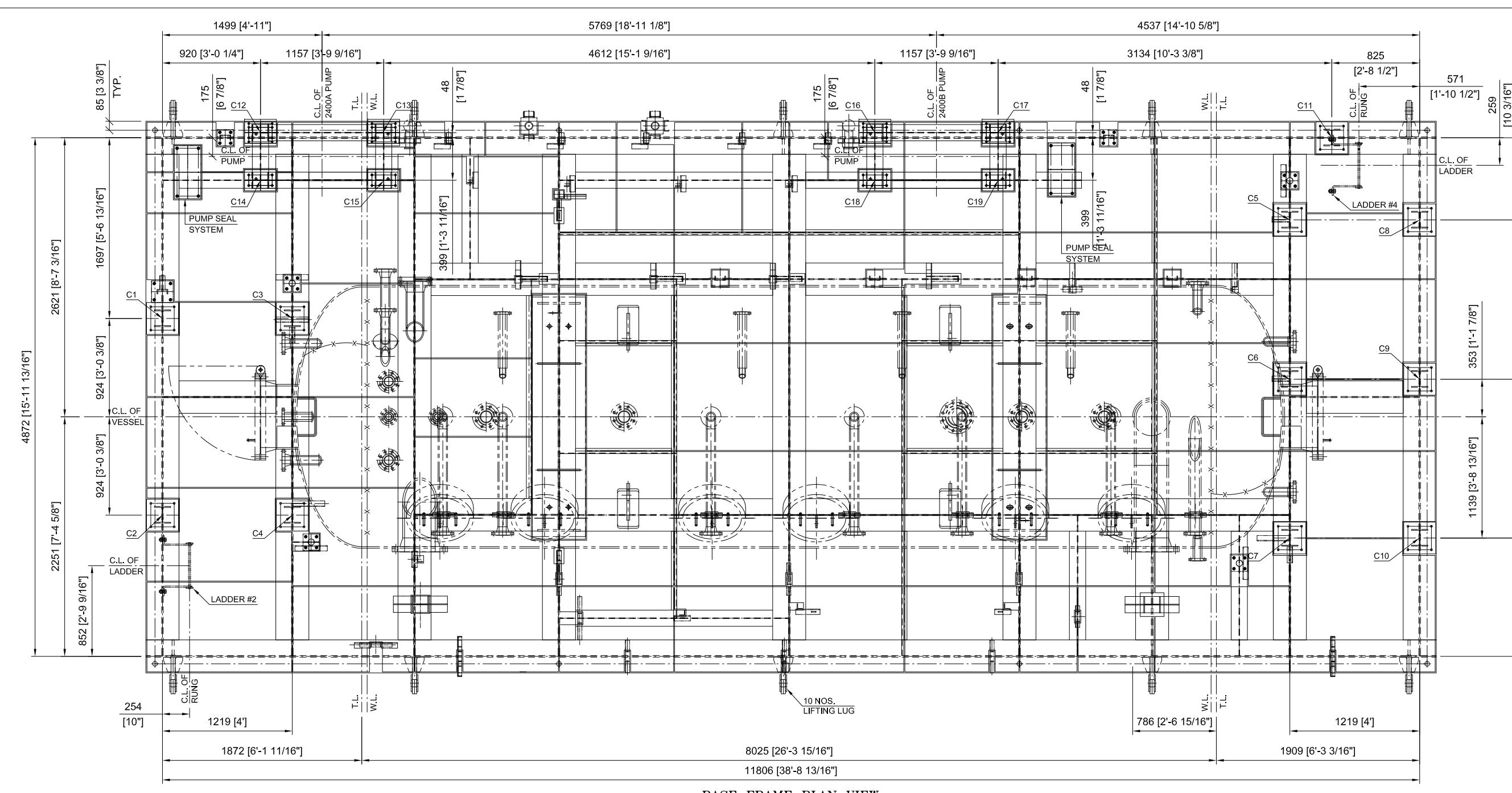
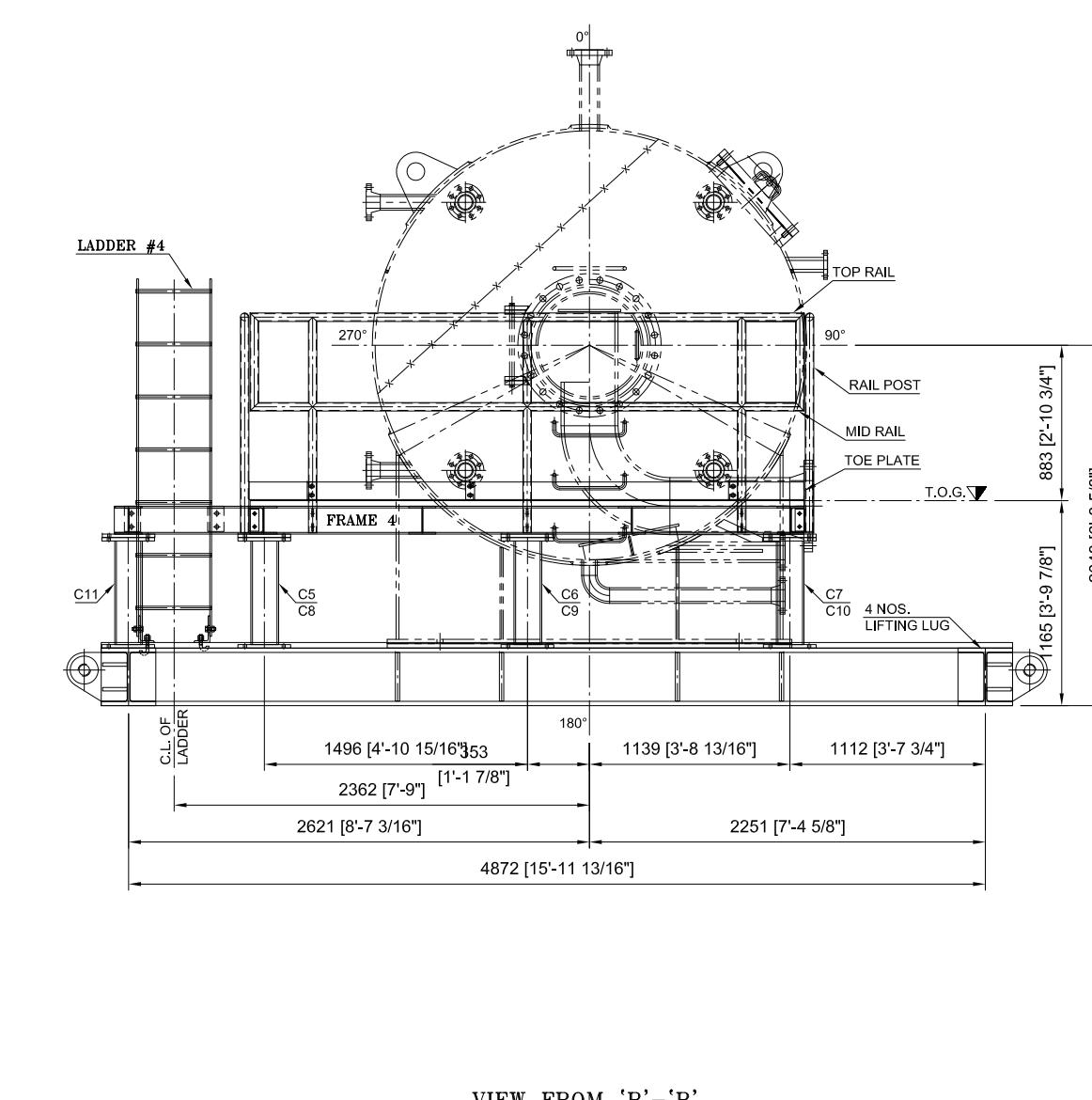
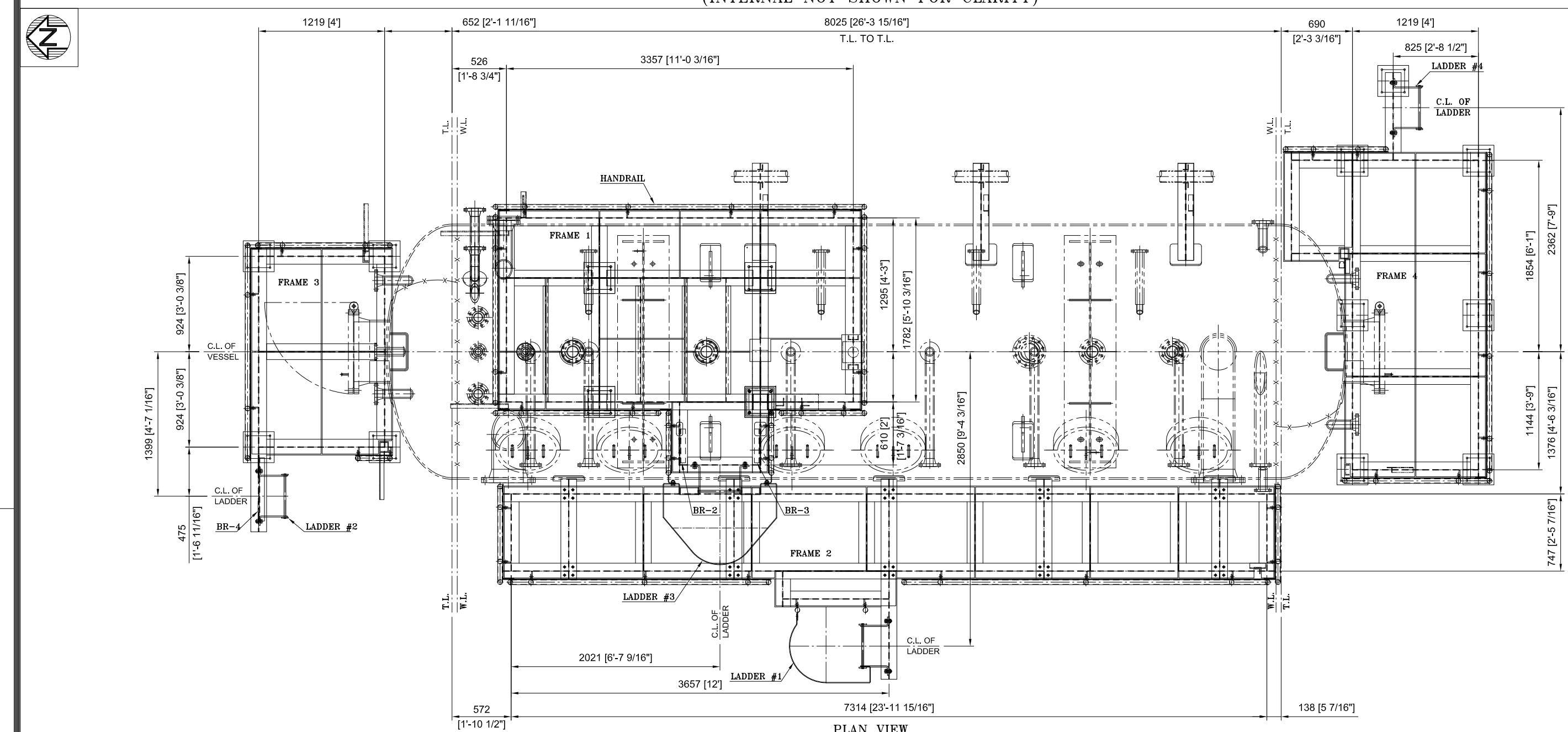
GENERAL NOTES:

- 1. GENERAL:**
 - ALL DIMENSIONS ARE EXPRESSED IN FEET-INCH. (mm)
 - ALL PADS HAVE 1 NO. 20 VENT HOLE.
 - ALL CUT CORNERS SHALL BE GROUND SMOOTH.
 - EACH GRATING PANEL SHALL BE SECURED TO THE SUPPORTS WITH A MINIMUM OF TWO FASTENERS PER SUPPORTING BEAM AND FOUR PER PANEL.
 - LENGTH OF MEMBER AND SIZE OF CLEAT SHALL BE VERIFIED AT SHOP BY FULL SCALE LAYOUT PRIOR TO FABRICATION.
 - STEEL STRUCTURE PLATFORM SHALL BE SHOP ASSEMBLED ON THE EQUIPMENT AT WORK SHOP TO VERIFY CORRECT FITTING.
 - BESIDE SURFACE PREPARATION SHALL REMOVE ALL SHARP CORNERS, BURRS IN BOLT HOLES, SPATTER SLAGS, WELD FLUX, SCALE AND OTHER FOREIGN MATTERS.
 - SURFACE FINISH FOR GRATING SURFACE SHALL BE CLEAN & FREE RUST OIL, DIRT, SCALE, OXIDES & FORGEN MATERIAL DETERMINAL.
 - ATTACHMENT WELD TO THE EQUIPMENT SHALL NOT BE NOTCHED TO CLEAR CIRCUMFERENTIAL WELD SEAMS ON THE EQUIPMENT WITHOUT APPROVAL BY THE ENGINEER OF RECORD.
 - CLAMP FOR GRATING SHALL BE STUD & DISK TYPE. (HILTI CLAMP OR EQUIVALENT)
- 2. MATERIAL:**
 - ALL STRUCTURAL STEEL MATERIAL SHALL AS PER STD. DRG. NO. 10-STSD-00001
- 4. WELDING:**
 - WELDING SHALL BE IN ACCORDANCE WITH THE STRUCTURAL WELDING CODE, AWS D1.1/ASME SEC. IX.
 - ALL TEMPORARY EQUIPMENT FOR TRANSPORTATION AND ERECTION SHALL BE CLEARLY IDENTIFIED, NORMALLY WITH YELLOW PAINT, FOR FIELD REMOVAL, LIFTING LUGS AND TAILING LUGS (PERMANENT PARTS) SHALL BE PAINTED THE SAME COLOR AS SAID EQUIPMENT.
 - FILLET WELDS LEG SIZE SHALL NOT BE LESS THAN 6MM FOR STRUCTURAL WELDS.
 - THE WELD SHALL BE CONTINUOUS WELD (NO STITCH WELDING IS PERMITTED).
 - ALL WELDS SHALL BE CLEANED COMPLETELY, THEY SHALL BE FREE OF SLAG AND FLUX BEFORE GALVANIZING.
 - 6. AWS D1.1 GRADE 70 (70 KSI NOMINAL TENSILE STRENGTH)
- 5. TESTING:**
 - ALL WELD SPLATTER, BURRS, AND SHARP EDGES OR CORNERS EXPOSED TO PERSONNEL USING LADDERS AND PLATEFORM ARE TO BE REMOVED.
- 6. PAINTING & GALVANIZING:**
 - SURFACE PREPARATION & PAINTING SHALL BE AS PER SPECIFICATION 10-CHE-00001
 - ALL PLATFORM COMPONENTS & FASTNERS SHALL BE HOT DIP GALVANIZED AS PER PROJECT SPECIFICATION 10-CHE-00001
 - UNDERSIDE OF SKID SHALL BE PREPARED FOR NON-SHRINK CEMENTITIOUS GROUT

HOLD

LEGEND:-

W.L.	- PAN LINE
T.L.	- WELD LINE
T.O.S.	- TOP OF STEEL
T.O.G.	- TOP OF GRATING
CL. OF	- MILD STEEL GRATING
CL. OF	- DIRECTION OF SPAN OF GRATING/ ONE WAY SLAB



REV	DATE	DESCRIPTION	PREPD	CHK'D	APP'D
6	20/06/2024	FC	MMP	MBK	AKK
5	04/04/2024	FC	MMP	MBK	AKK
2	09/01/2023	ISSUED FOR APPROVAL	MMP	MBK	AKK
1	21/10/2023	ISSUED FOR APPROVAL	MMP	MBK	AKK
0	06/02/2023	ISSUED FOR APPROVAL	LMP	MBK	AKK



SIEMENS
ENERGY

PURCHASER JOB CODE: 0-8936-2 PURCHASE ORDER NO.: P-215A-201-A

Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

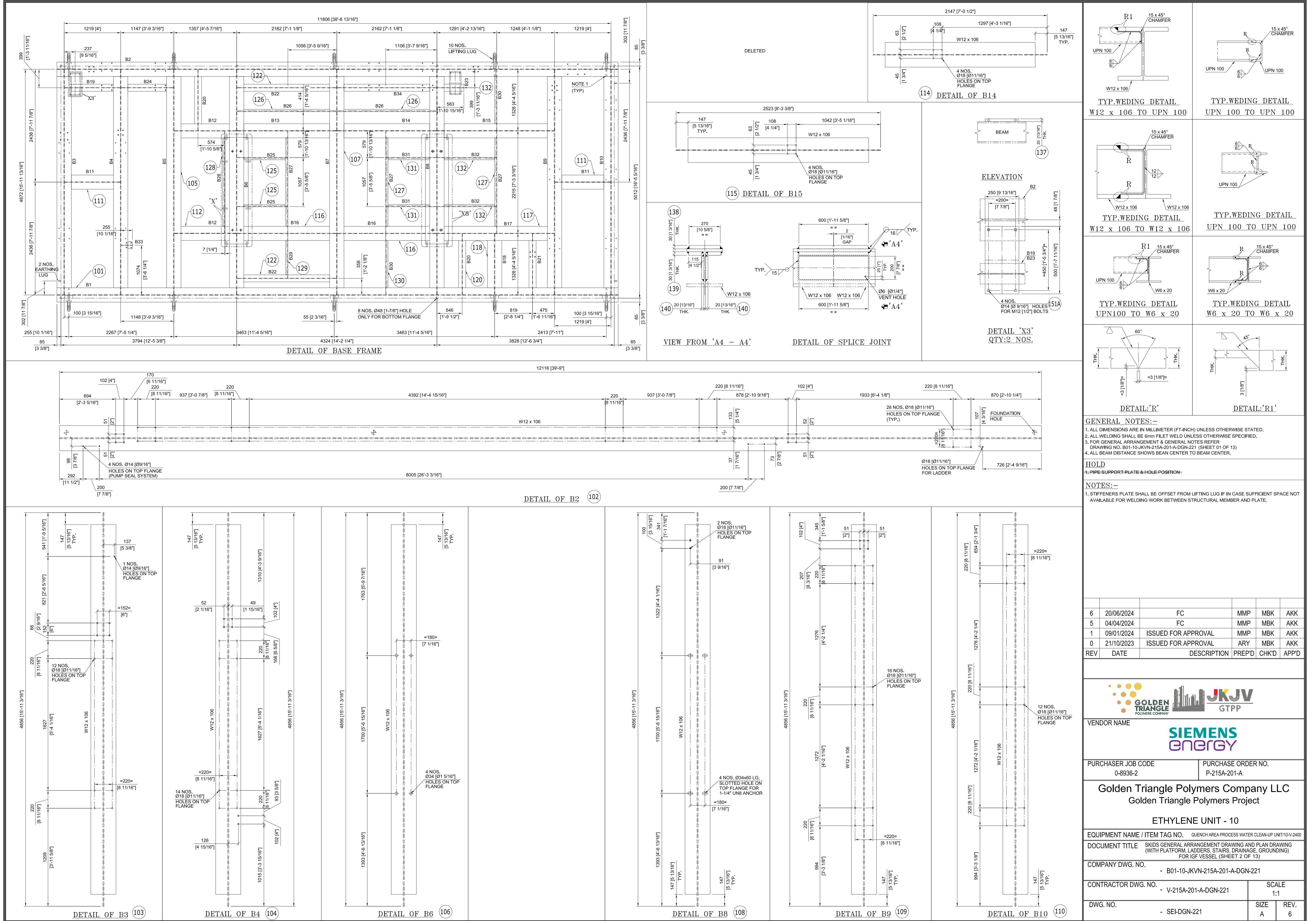
ETHYLENE UNIT - 10

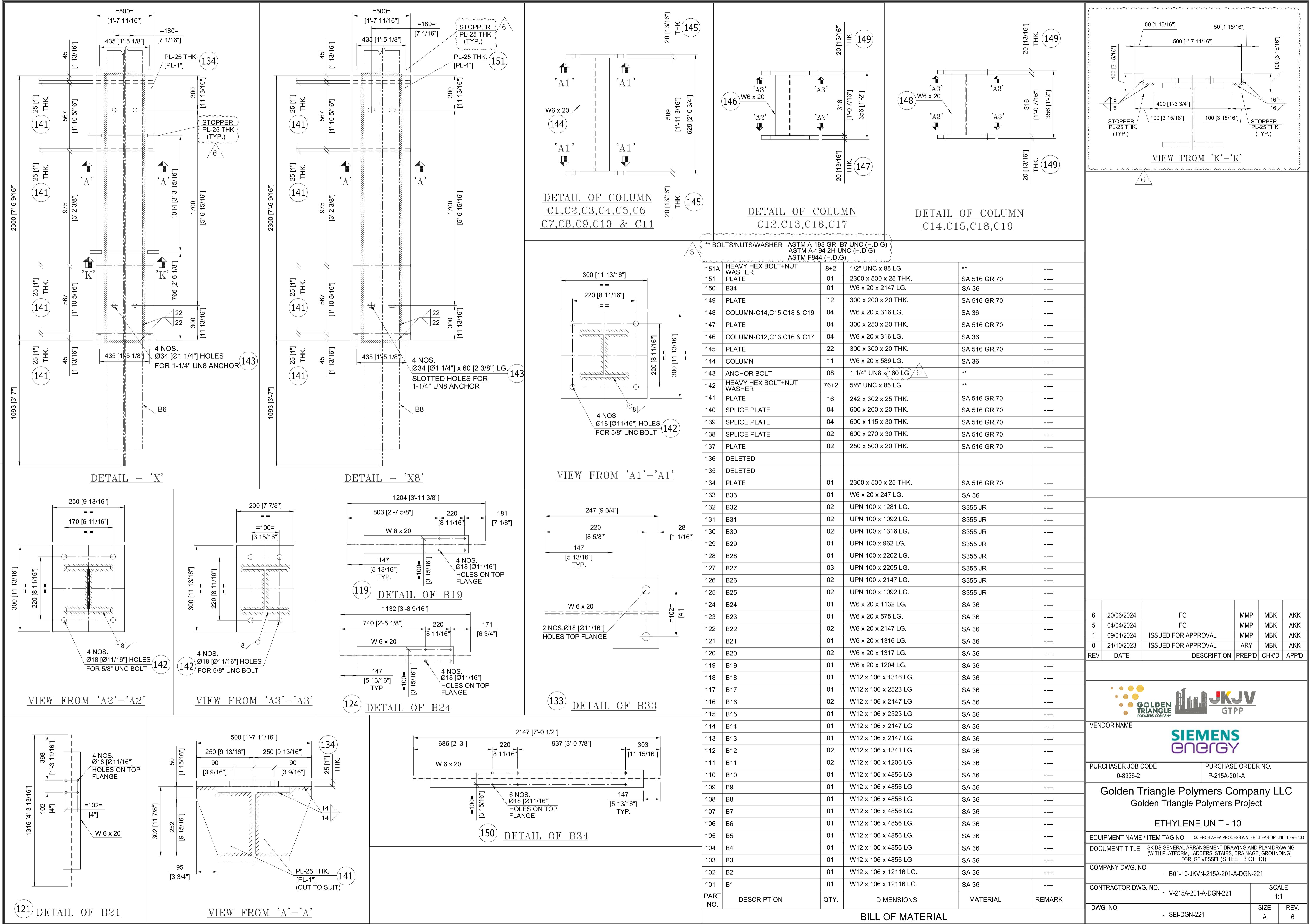
EQUIPMENT NAME / ITEM TAG NO. : QUENCH AREA PROCESS WATER CLEAN-UP UNIT/10V2400
DOCUMENT TITLE: SKIDS GENERAL ARRANGEMENT DRAWING AND PLAN DRAWING
(WITH PLATFORM, LADDERS, STAIRS, DRAINAGE, GROUNDDING)
FOR IGF VESSEL (SHEET 1 OF 13)

COMPANY DWG. NO.: - B01-10-JKVN-215A-201-A-DGN-221

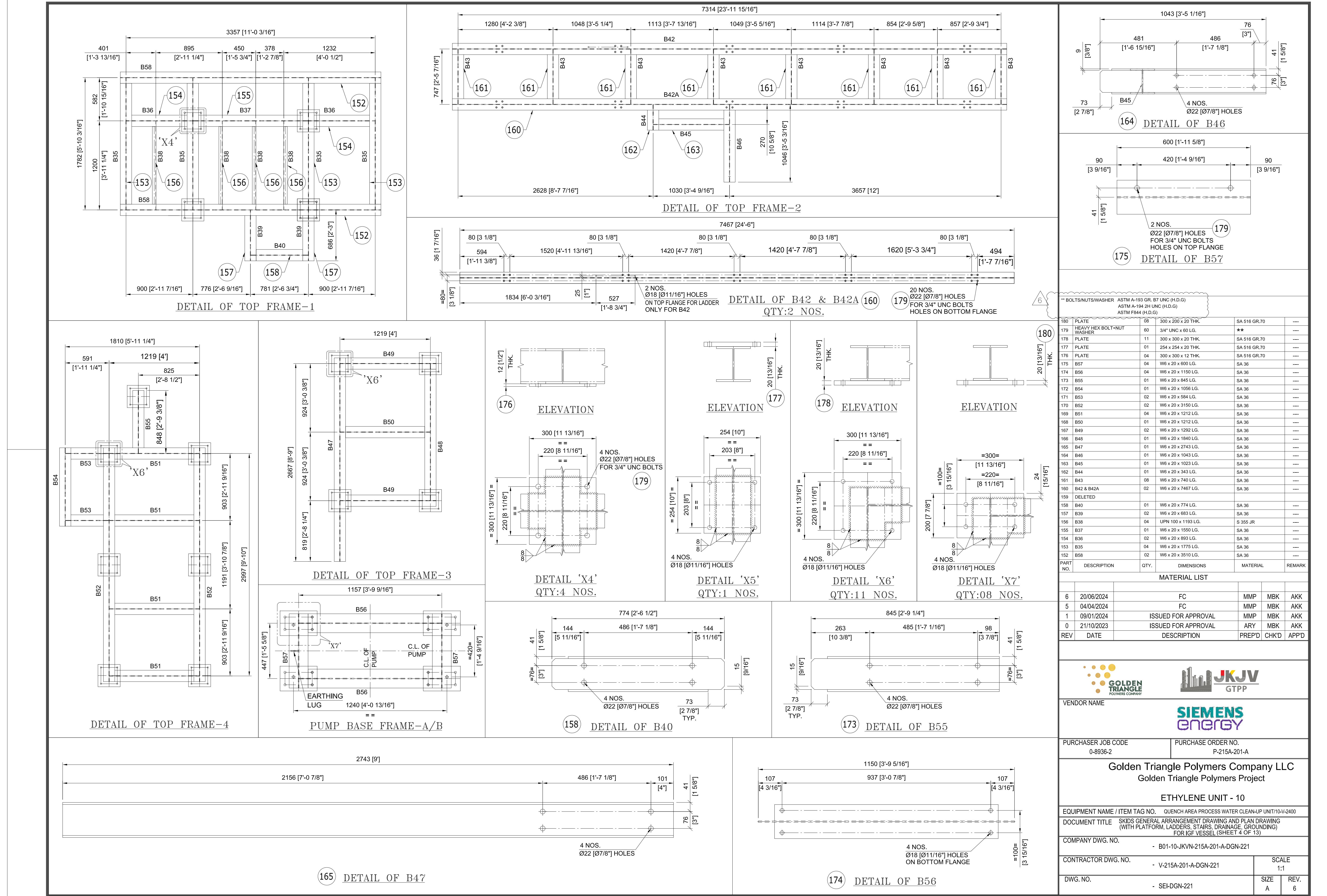
CONTRACTOR DWG. NO.: - V-215A-201-A-DGN-221 SCALE: 1:1

VENDOR DWG. NO.: - SEI-DGN-221 SIZE: A REV: 6

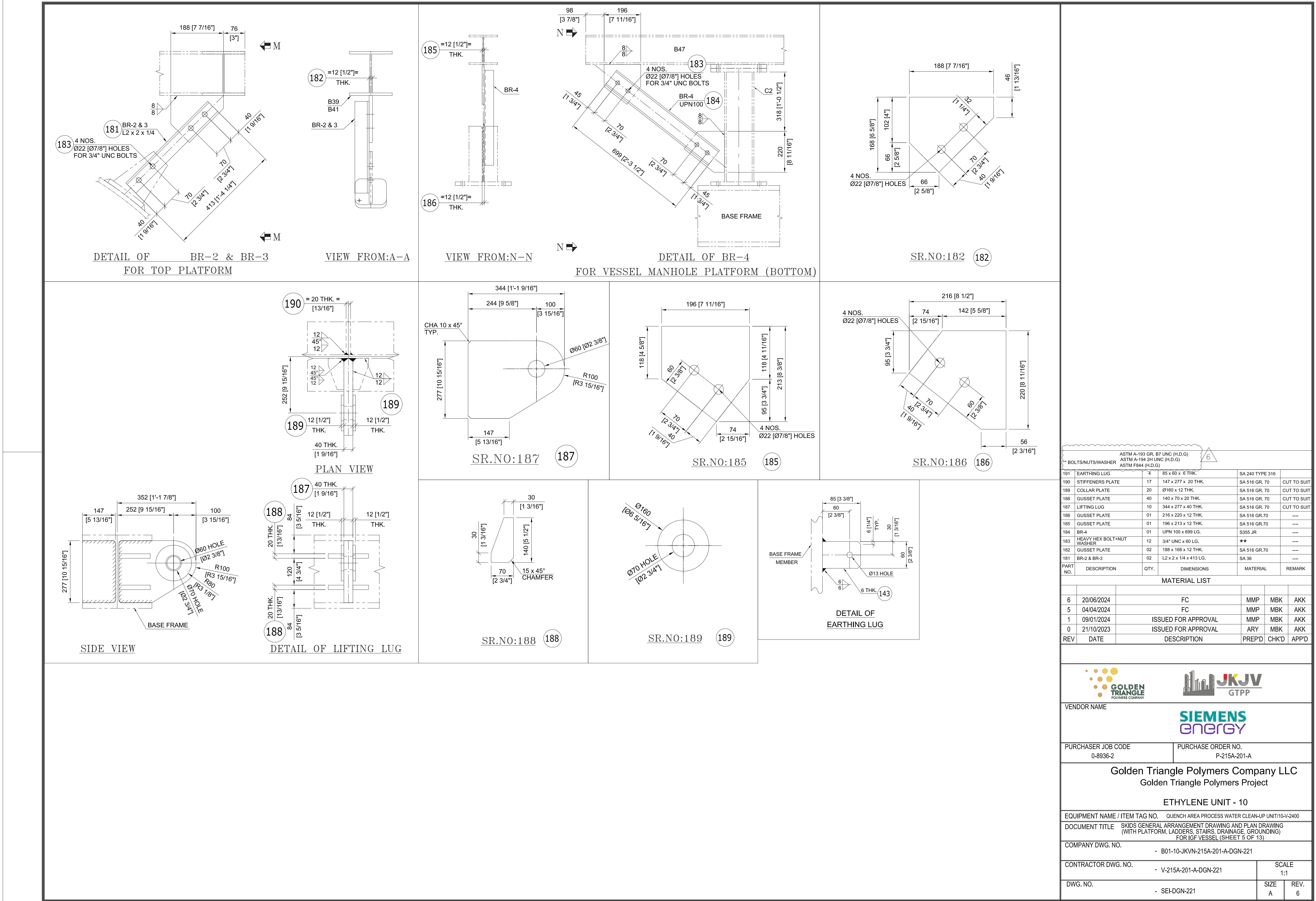




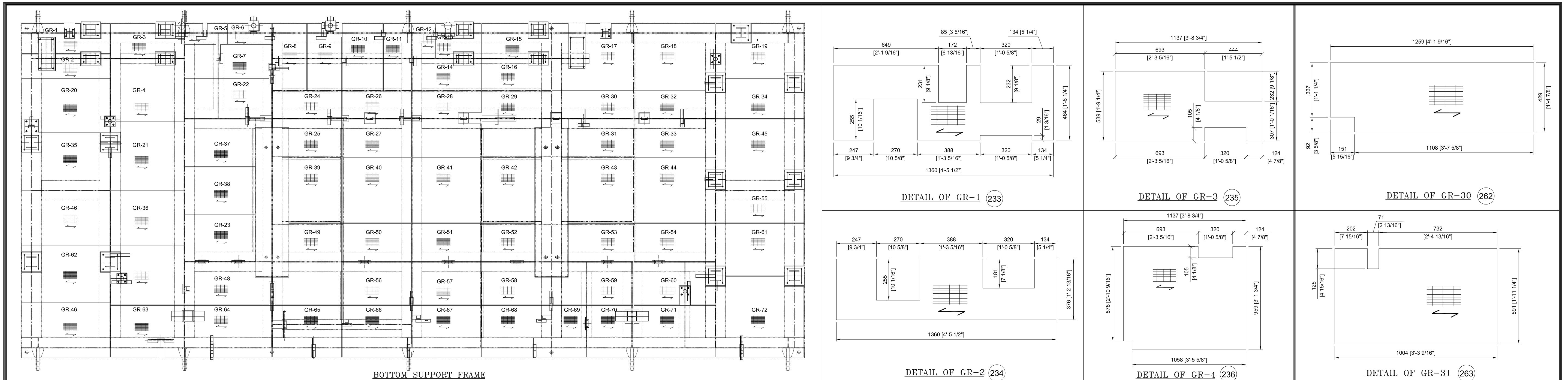
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BOTTOM SUPPORT FRAME

DETAIL OF GR-1 233

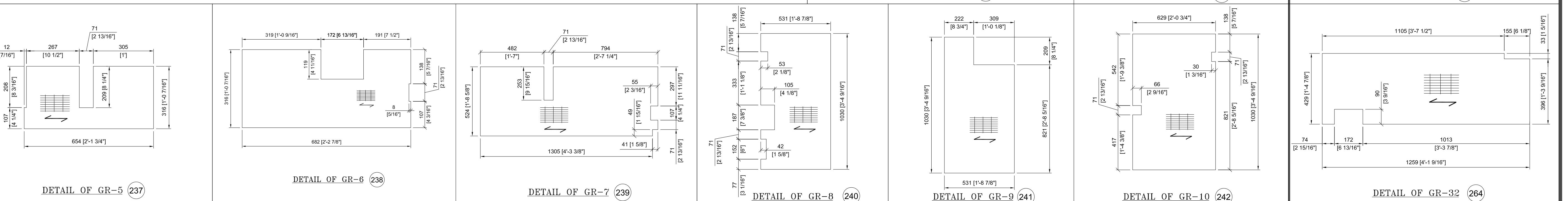
DETAIL OF GR-3 235

DETAIL OF GR-30 262

DETAIL OF GR-2 234

DETAIL OF GR-4 236

DETAIL OF GR-31 263



DETAIL OF GR-5 237

DETAIL OF GR-6 238

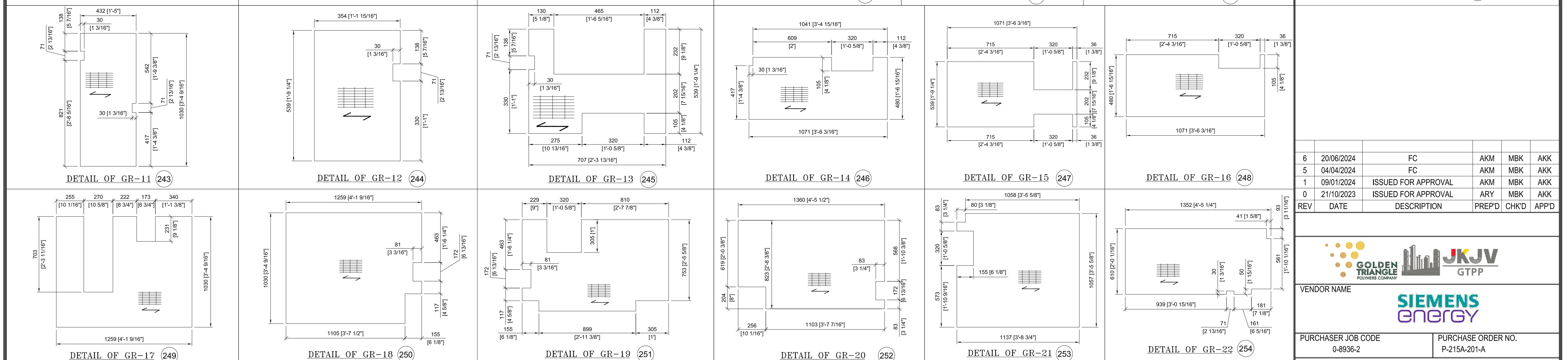
DETAIL OF GR-7 239

DETAIL OF GR-8 240

DETAIL OF GR-9 241

DETAIL OF GR-10 242

DETAIL OF GR-32 264



DETAIL OF GR-11 243

DETAIL OF GR-12 244

DETAIL OF GR-13 245

DETAIL OF GR-14 246

DETAIL OF GR-15 247

DETAIL OF GR-16 248

DETAIL OF GR-17 249

DETAIL OF GR-18 250

DETAIL OF GR-19 251

DETAIL OF GR-20 252

DETAIL OF GR-21 253

DETAIL OF GR-22 254

DETAIL OF GR-23 255

DETAIL OF GR-24 256

DETAIL OF GR-25 257

DETAIL OF GR-26 258

DETAIL OF GR-27 259

DETAIL OF GR-28 260

PURCHASER JOB CODE PURCHASE ORDER NO.
0-8936-2 P-215A-201-A

Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

ETHYLENE UNIT - 10

EQUIPMENT NAME / ITEM TAG NO. QUENCH AREA PROCESS WATER CLEAN-UP UNIT/10-V2400

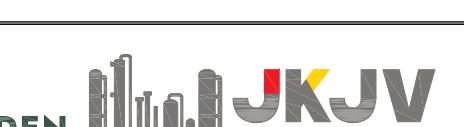
DOCUMENT TITLE SKIDS GENERAL ARRANGEMENT DRAWING AND PLAN DRAWING
(WITH PLATFORM, LADDERS, STAIRS, DRAINAGE, GROUNDING)
FOR IGF VESSEL (SHEET 07 of 13)

COMPANY DWG. NO. B-01-10-JKVN-215A-201-A-DGN-221

CONTRACTOR DWG. NO. V-215A-201-A-DGN-221 SCALE
1:1

DWG. NO. SEI-DGN-221 SIZE A REV. 6

AKM MBK AKK
AKM MBK AKK
ARY MBK AKK
PREPD CHKD APPD



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REV	DATE	DESCRIPTION	PREP'D	CHK'D	APPD
6	20/06/2024	FC	AKM	MBK	AKK
5	04/04/2024	FC	AKM	MBK	AKK
1	09/01/2024	ISSUED FOR APPROVAL	AKM	MBK	AKK
0	21/10/2023	ISSUED FOR APPROVAL	ARY	MBK	AKK



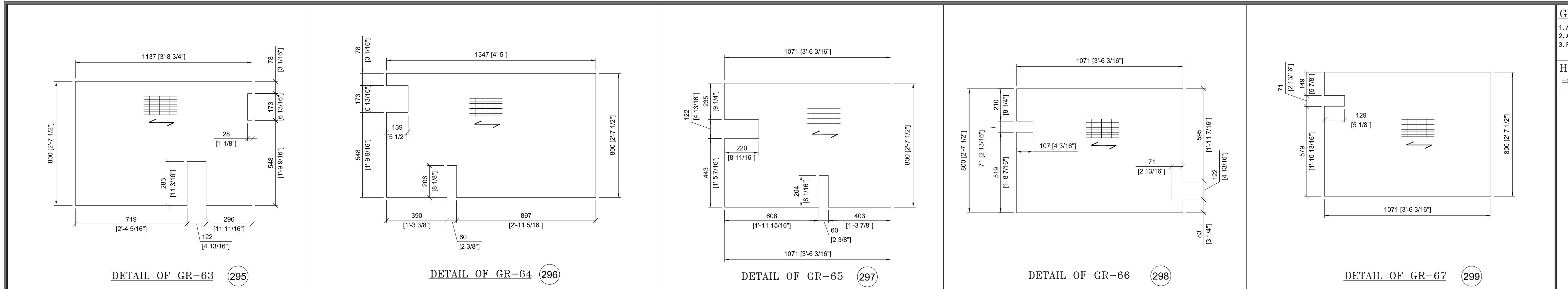
SIEMENS
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PURCHASER JOB CODE	PURCHASE ORDER NO.
0-8936-2	P-215A-201-A

Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

ETHYLENE UNIT - 10

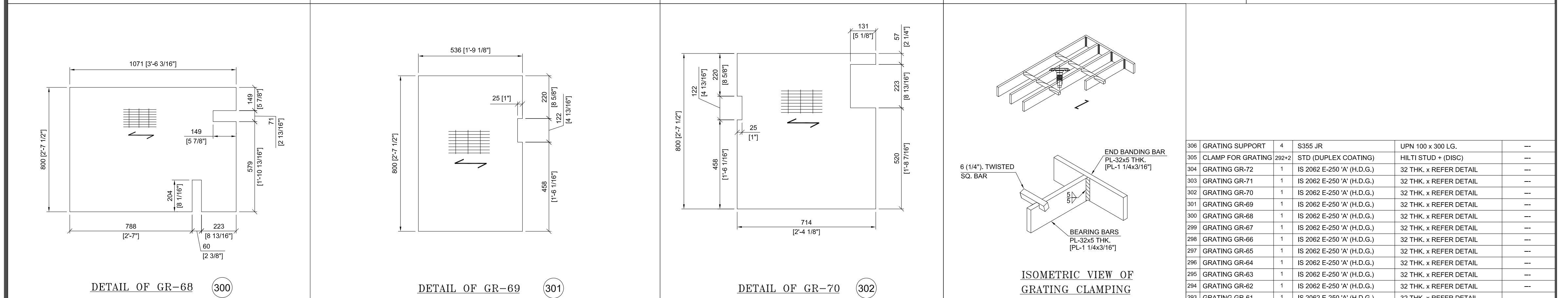
EQUIPMENT NAME / ITEM TAG NO.	QUENCH AREA PROCESS WATER CLEAN-UP UNIT/10-V-2400
DOCUMENT TITLE	SKIDS GENERAL ARRANGEMENT DRAWING AND PLAN DRAWING (WITH PLATFORM, LADDERS, STAIRS, DRAINAGE, GROUNDDING) FOR IGF VESSEL (SHEET 08 OF 13)
COMPANY DWG. NO.	- B01-10-JKVN-215A-201-A-DGN-221
CONTRACTOR DWG. NO.	- V-215A-201-A-DGN-221
SCALE	1:1
DWG. NO.	- SEI-DGN-221
SIZE A	
REV. 6	



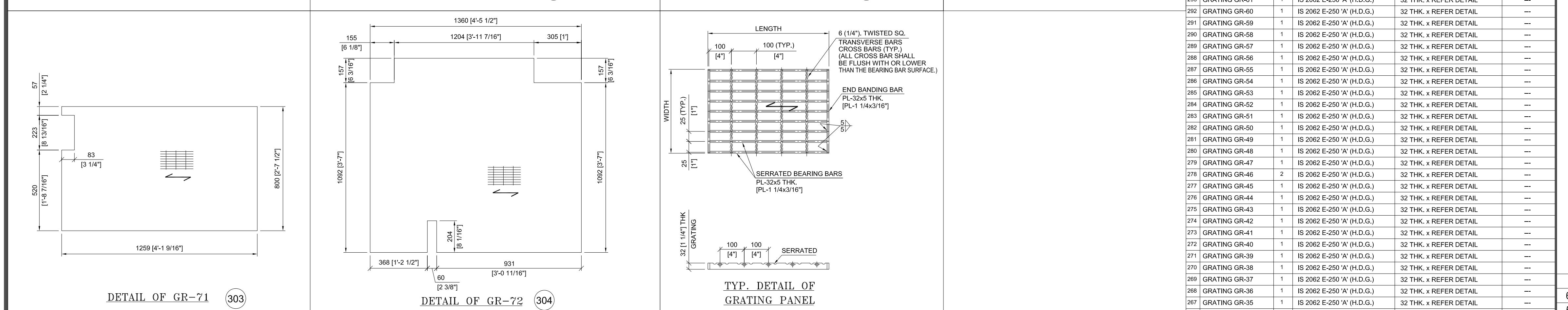
GENERAL NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETER (FT-INCH) UNLESS OTHERWISE STATED.
- ALL WELDING SHALL BE 6mm FILET WELD UNLESS OTHERWISE SPECIFIED.
- FOR GENERAL ARRANGEMENT & GENERAL NOTES REFER DRAWING NO. B01-10-JKVN-215A-201-A-DGN-221 (SHEET 01 OF 13).

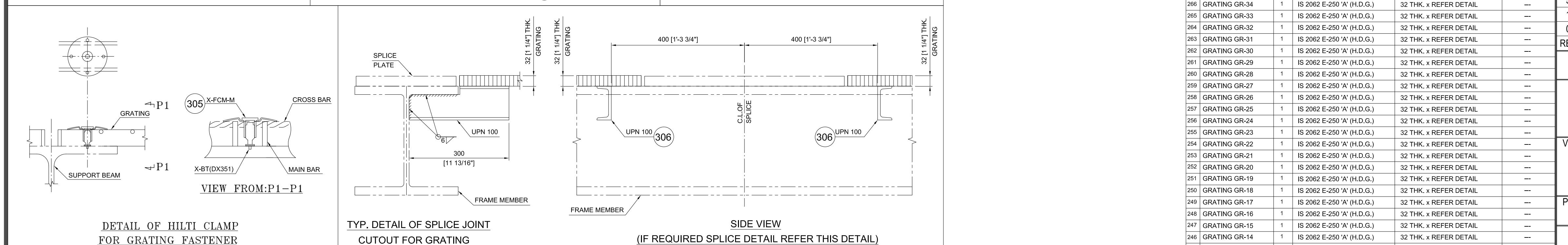
HOLD
PIPE SUPPORT CLEAT ADDITIONAL BRACING CUTOUT FOR GRATING



ISOMETRIC VIEW OF GRATING CLAMPING



REV	DATE	DESCRIPTION	PREP'D	CHK'D	APPD
6	20/06/2024	FC	AKM	MBK	AKK
5	04/04/2024	FC	AKM	MBK	AKK
1	09/01/2024	ISSUED FOR APPROVAL	AKM	MBK	AKK
0	21/10/2023	ISSUED FOR APPROVAL	ARY	MBK	AKK



VENDOR NAME

SIEMENS energy

PURCHASER JOB CODE 0-8936-2 PURCHASE ORDER NO. P-215A-201-A

Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

ETHYLENE UNIT - 10

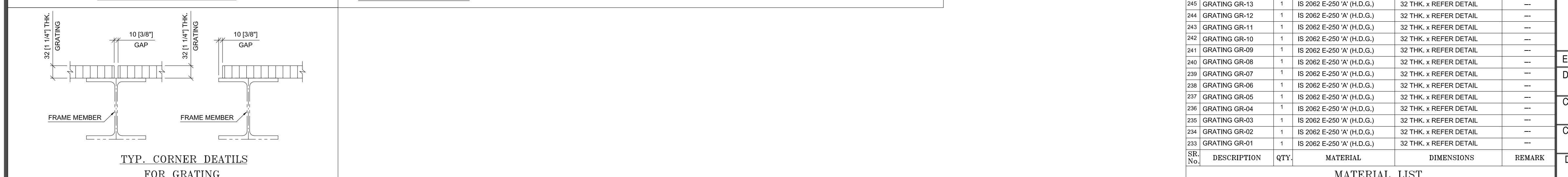
EQUIPMENT NAME / ITEM TAG NO. QUENCH AREA PROCESS WATER CLEAN-UP UNIT/10-V2400

DOCUMENT TITLE SKIDS GENERAL ARRANGEMENT DRAWING AND PLAN DRAWING (WITH PLATFORM, LADDERS, STAIRS, DRAWING, GROUNDING) FOR IGF VESSEL (SHEET 09 OF 13)

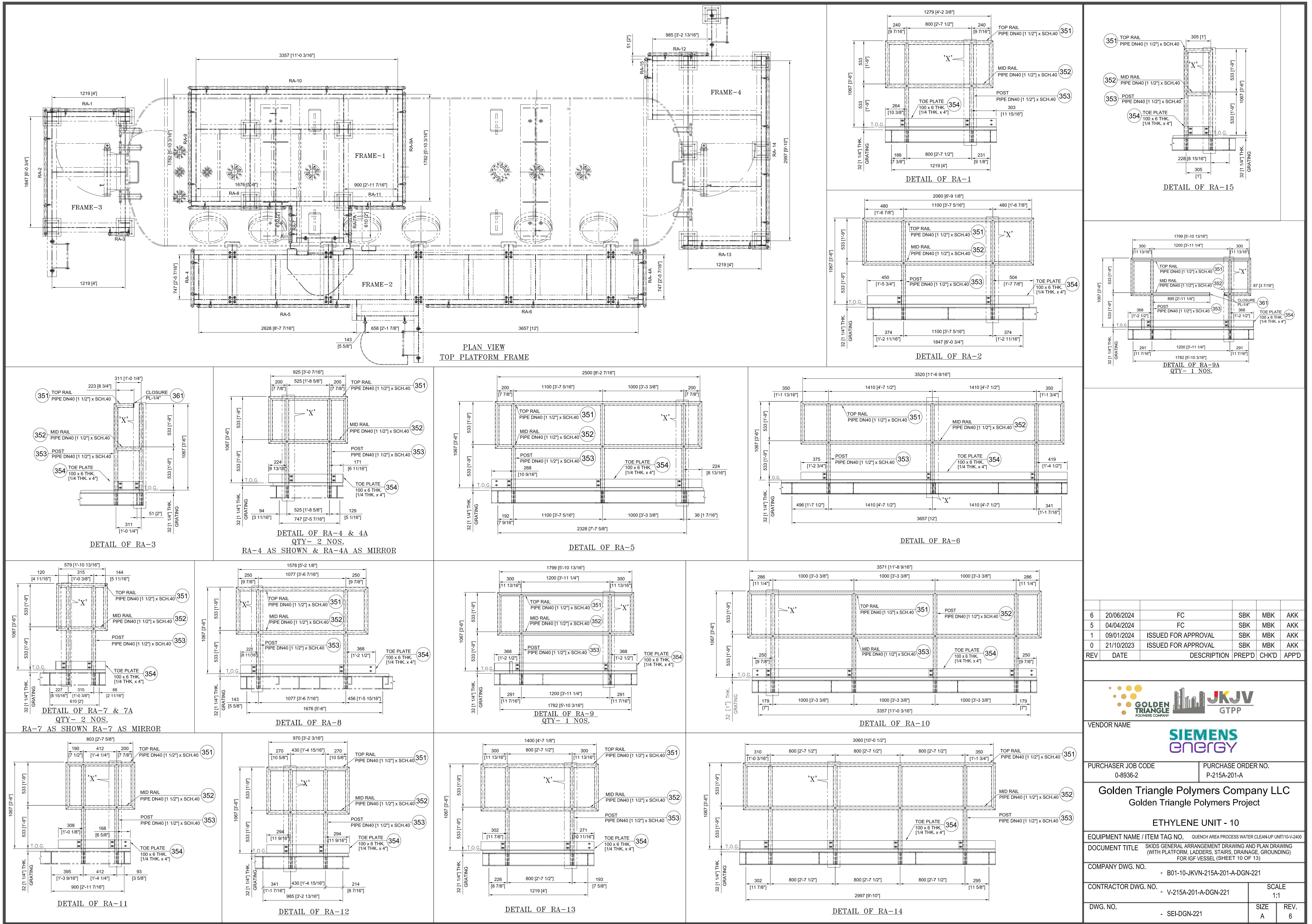
COMPANY DWG. NO. B01-10-JKVN-215A-201-A-DGN-221

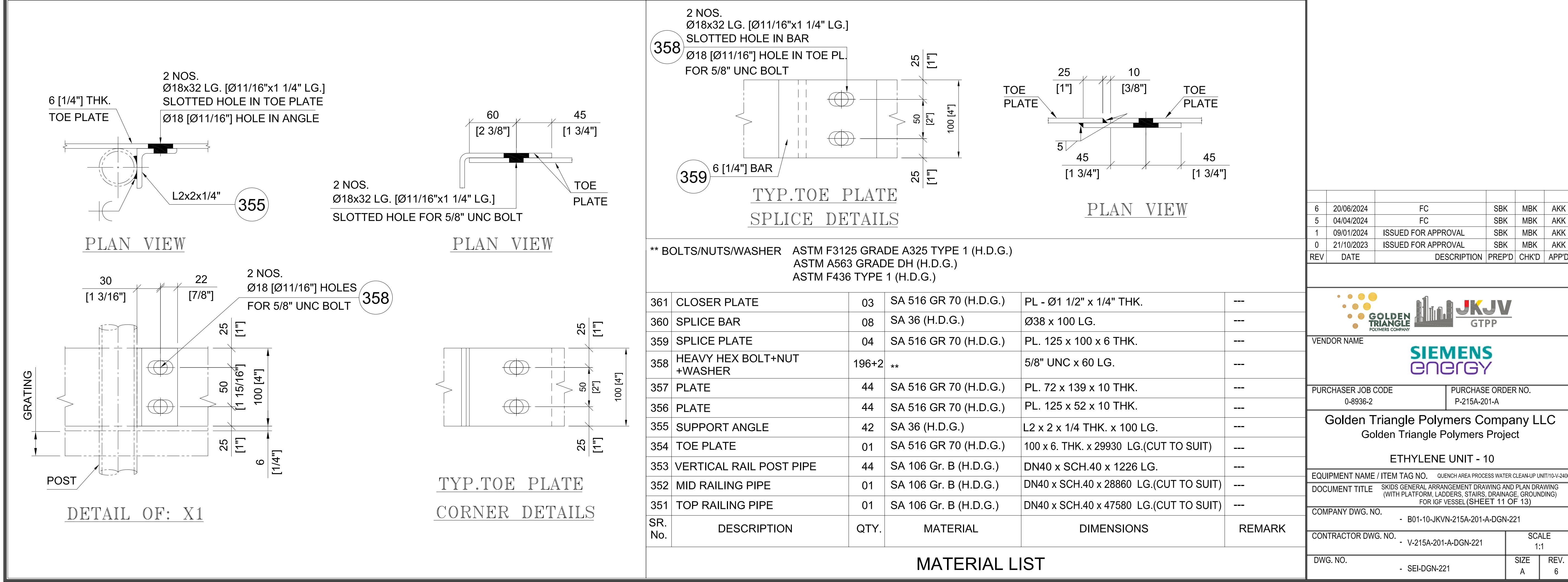
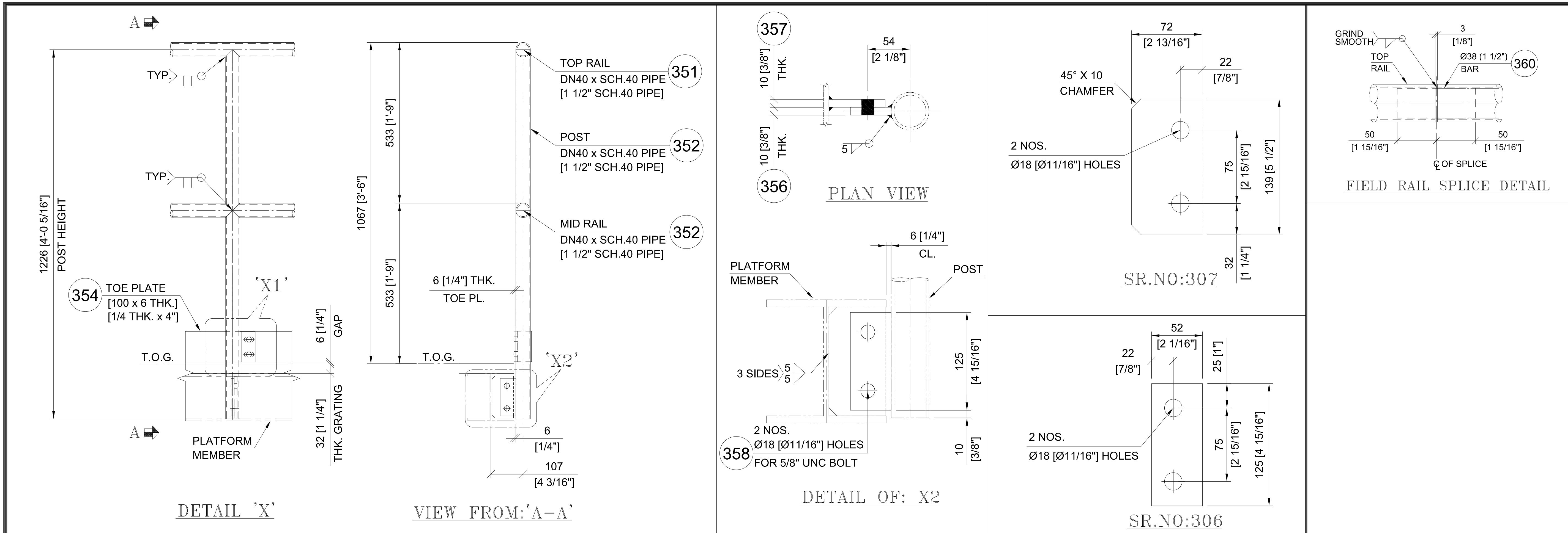
CONTRACTOR DWG. NO. V-215A-201-A-DGN-221 SCALE 1:1

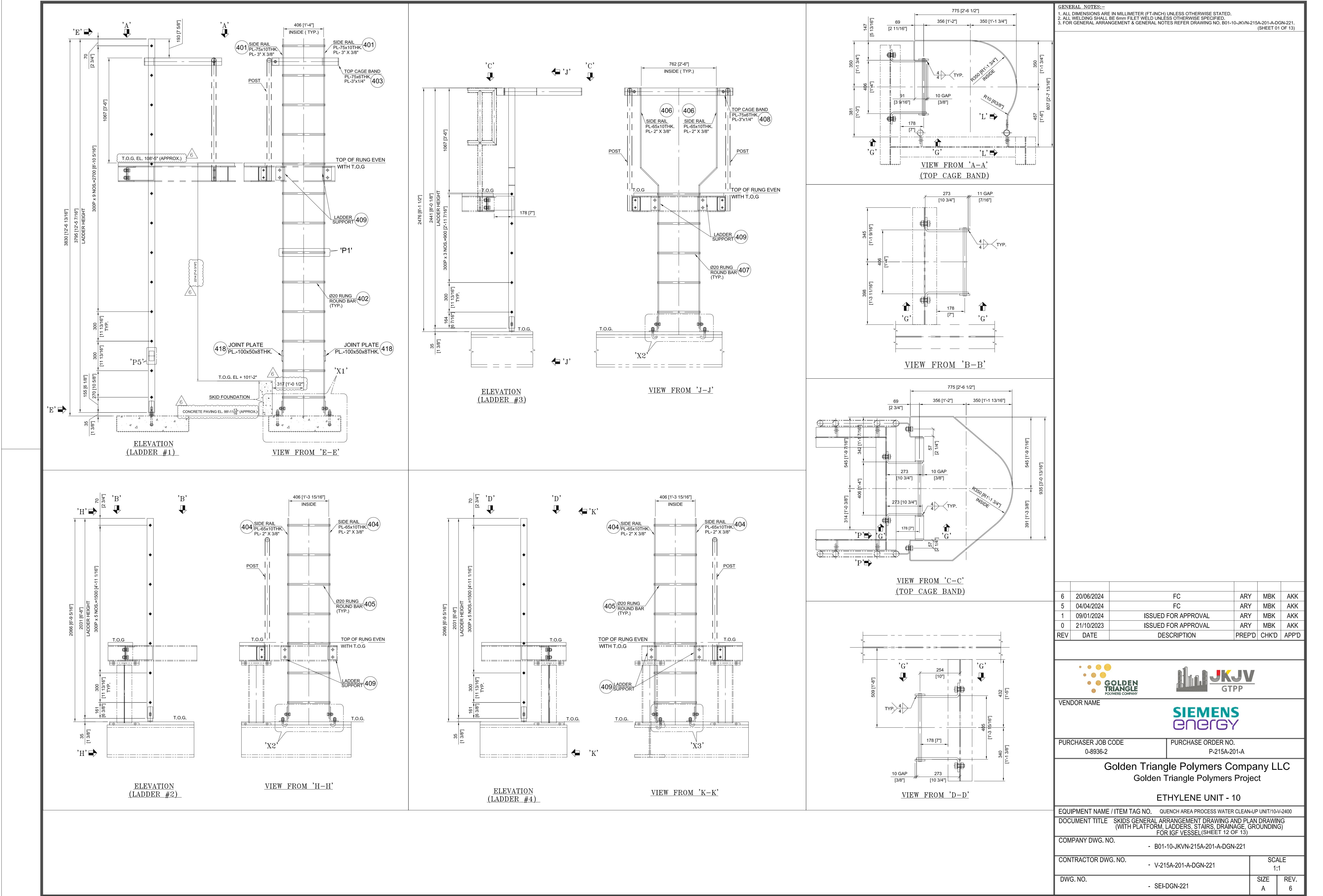
DWG. NO. SEI-DGN-221 SIZE A REV. 6

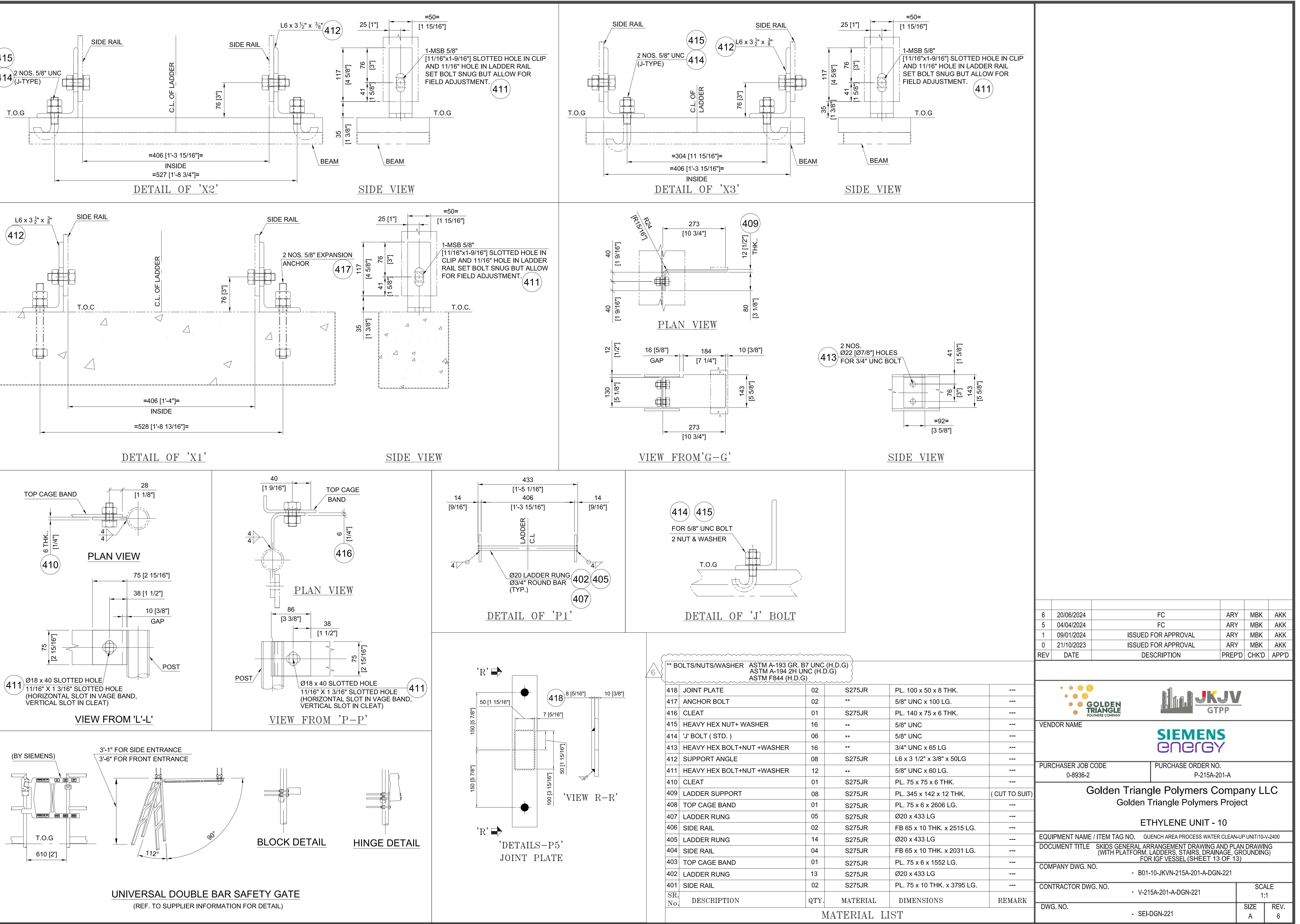


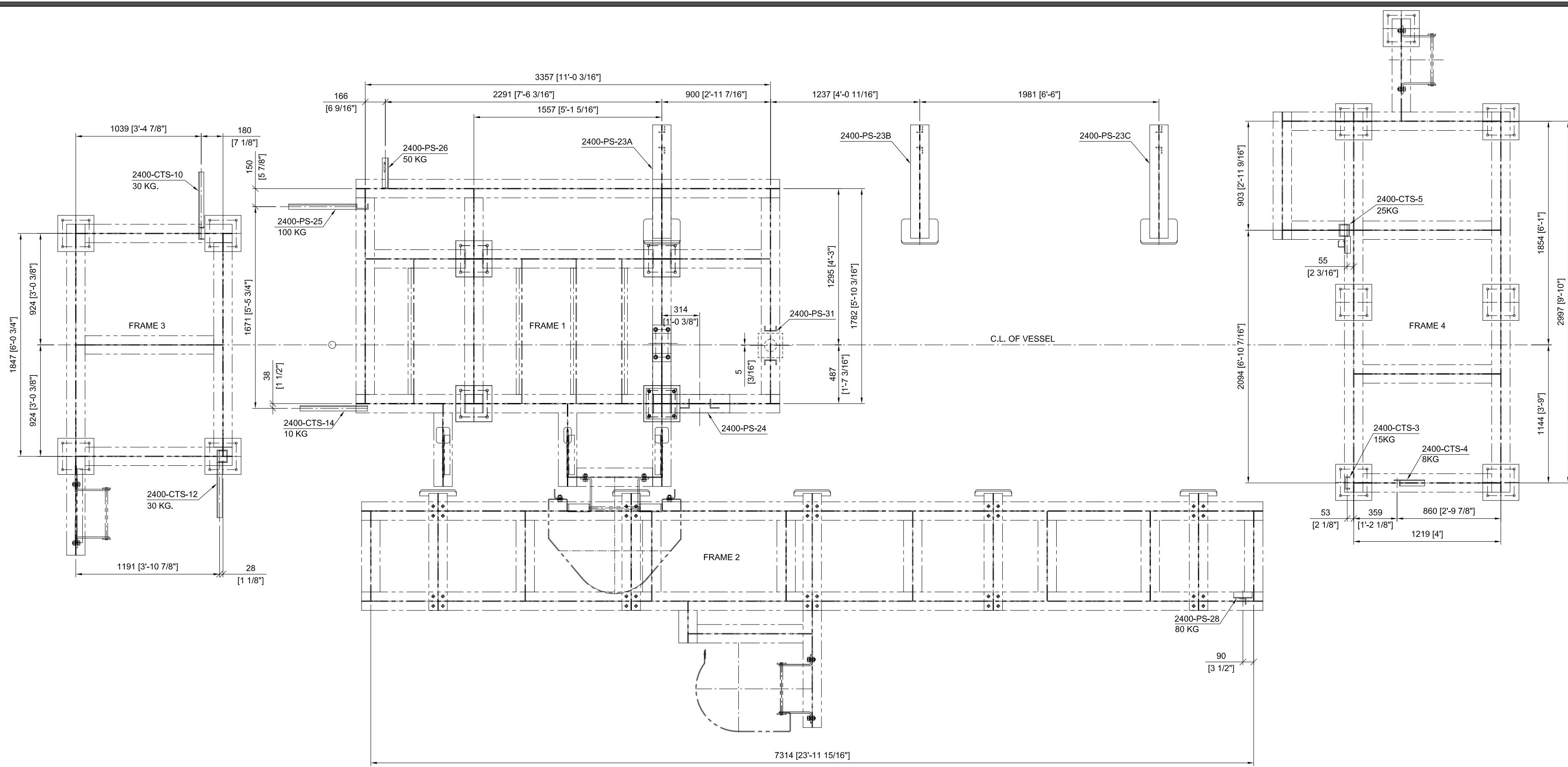
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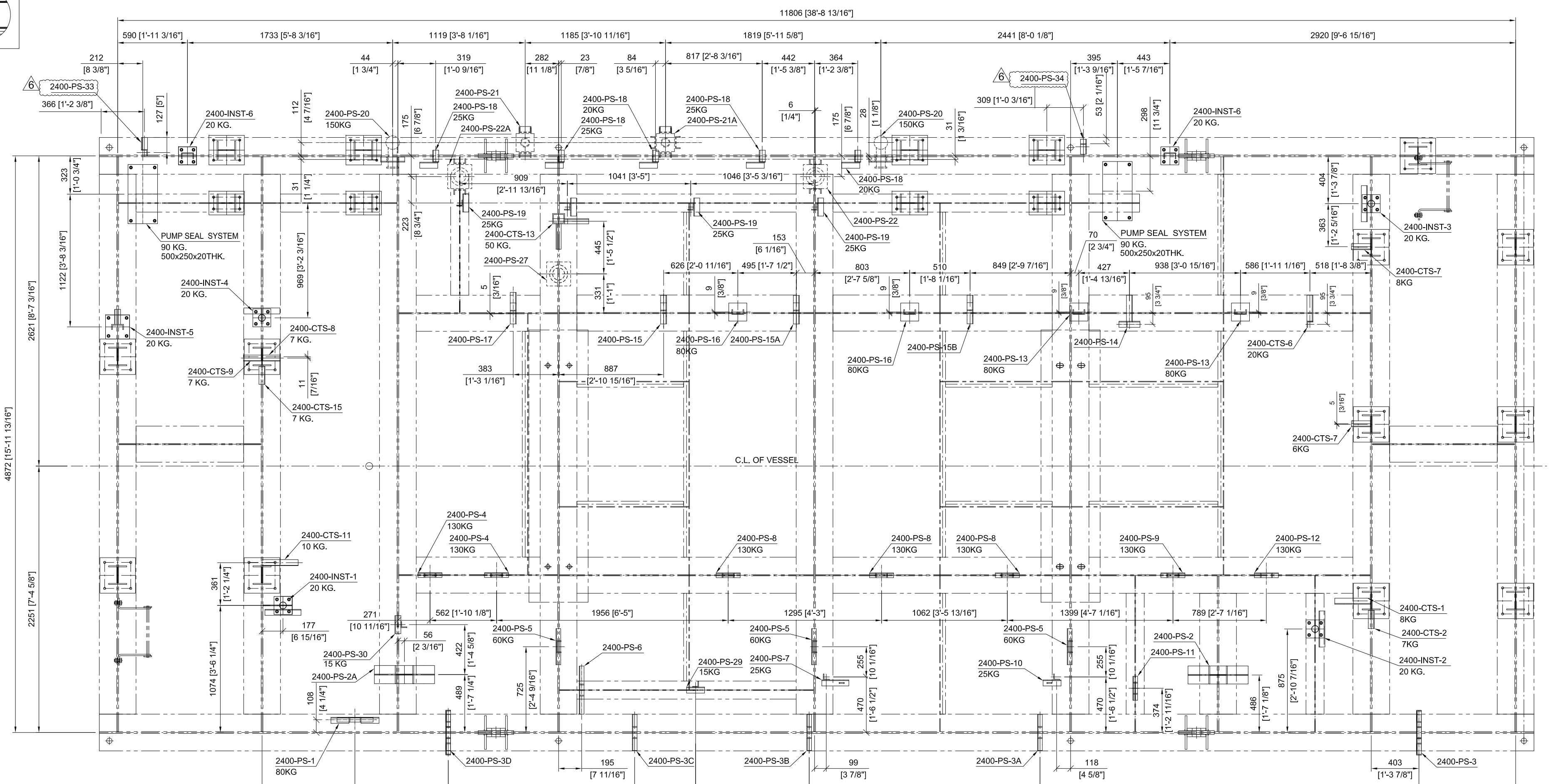








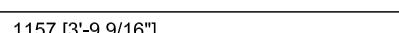
PLAN VIEW FOR FRAME: 1,2,3 & 4
(LOCATION FOR PIPE SUPPORT,CABLE TRAY & INSTRUMENT)



PLAN VIEW FOR BASE FRAME

(LOCATION FOR PIPE SUPPORT,CABLE TRAY & INSTRUMENT)

SUPPORT NO.	SYSTEM NO	ISO NO	NODE
2400-PS-3	CN-09	10-6_P-2402505-1CS12-HP-NT (IGF Skid)	100
2400-PS-2	CN-01	10-12_P-2402501-1CS12-HP-NT	320
2400-PS-11	CN-09	10-3_P-2402523-1CS12-HP-NT	2520
2400-PS-3A	CN-09	10-6_P-2402505-1CS12-HP-NT (IGF Skid)	140
2400-PS-3B	CN-09	10-6_P-2402505-1CS12-HP-NT (IGF Skid)	200
2400-PS-3C	CN-09	10-6_P-2402505-1CS12-HP-NT (IGF Skid)	260
2400-PS-3D	CN-09	10-6_P-2402505-1CS12-HP-NT (IGF Skid)	380
2400-PS-1	---	10-3_OS-2402506-1CS12-HP-NT	NOT IN STRESS
2400-PS-5	---	10-3_OS-2402506-1CS12-HP-NT	NOT IN STRESS
2400-PS-2A	CN-02	10-12_P-2402502-1CS12-HP-NT	80
2400-PS-6	CN-09	10-3_P-2402527-1CS12-HP-NT	3080
		10-3_P-2402528-1CS12-HP-NT	3200
2400-PS-7	CN-09	10-3_P-2402525-1CS12-HP-NT	NOT IN STRESS
2400-PS-10	CN-09	10-3_P-2402524-1CS12-HP-NT	NOT IN STRESS
2400-PS-12	---	NOZZLE 12	NOT IN STRESS
2400-PS-9	---	NOZZLE N5A	NOT IN STRESS
2400-PS-8	---	NOZZLE N5B	NOT IN STRESS
2400-PS-8	---	NOZZLE N5C	NOT IN STRESS
2400-PS-8	---	NOZZLE N5D	NOT IN STRESS
2400-PS-4	---	NOZZLE N5E	NOT IN STRESS
2400-PS-4	---	NOZZLE N5F	NOT IN STRESS
2400-PS-17	CN-08	10-2"-P-2402522-CS12-HP-NT	2960
2400-PS-15	CN-08	10-2"-P-2402522-CS12-HP-NT	2860
2400-PS-15A	CN-08	10-2"-P-2402520-CS12-HP-NT	2500
2400-PS-16	CN-08	10-2"-P-2402522-CS12-HP-NT	NOT IN STRESS
2400-PS-16	CN-08	10-2"-P-2402520-CS12-HP-NT	NOT IN STRESS
2400-PS-15B	CN-08	10-2"-P-2402518-CS12-HP-NT	2060
2400-PS-13	CN-08	10-2"-P-2402518-CS12-HP-NT	NOT IN STRESS
2400-PS-14	CN-08	10-2"-P-2402516-CS12-HP-NT	3040
2400-PS-13	CN-08	10-2"-P-2402516-CS12-HP-NT	NOT IN STRESS
2400-PS-20	CN-08	10-4"-P-2403509-1CS12-HP-NT	NOT IN STRESS
2400-PS-21	CN-08	10-4"-P-2403509-1CS12-HP-NT	3620
2400-PS-21A	CN-08	10-4"-P-2403510-1CS12-HP-NT	3600
2400-PS-20	CN-08	10-4"-P-2403510-1CS12-HP-NT	NOT IN STRESS
2400-PS-18	CN-08	10-4"-P-2403509-1CS12-HP-NT	NOT IN STRESS
2400-PS-18	---	10-1"-QW-2403501-1CS12-HP-NT	NOT IN STRESS
2400-PS-18	CN-08	10-4"-P-2403510-1CS12-HP-NT	NOT IN STRESS
2400-PS-22A	CN-08	10-6"-P-2403507-1CS12-HP-NT	1520
2400-PS-22	CN-08	10-6"-P-2403508-CS12-HP-NT	1500
2400-PS-19	---	10-1"-P-2403514-CS12-H-NT	NOT IN STRESS
2400-PS-19	---	10-1"-P-2403515-CS12-H-NT	NOT IN STRESS
2400-PS-27	CN-08	10-6"-P-2402503-1CS12-HP-NT	1540
2400-PS-25	---		NOT IN STRESS
2400-PS-26	---		NOT IN STRESS
2400-PS-23A	CN-08	10-4"-P-2403511-1CS12-HP-NT	680
2400-PS-23B	CN-08	10-4"-P-2403511-1CS12-HP-NT	620
2400-PS-23C	CN-08	10-4"-P-2403511-1CS12-HP-NT	540
2400-PS-23A	---	10-2"-P-2402507-1CS12-HP-NT	---
2400-PS-23B	---	10-2"-P-2402507-1CS12-HP-NT	---
2400-PS-23C	---	10-2"-P-2402507-1CS12-HP-NT	---
2400-PS-24	CN-11	10-6"-P-2402508-1CS12-NI-NT	220
2400-PS-28	---	10-1 1/2"-OS-2403506-1CS12-HP-NT	NOT IN STRESS
2400-PS-29	CN-09	10-3"-P-2402526-1CS12-HP-NT	NOT IN STRESS
2400-PS-30	CN-09	10-3"-P-2402528-1CS12-HP-NT	NOT IN STRESS
2400-PS-31	CN-11	10-6"-P-2402508-1CS12-NI-NT	1000

					
6	20/06/2024	FC	MMP	MBK	AKK
5	04/04/2024	FC	MMP	MBK	AKK
0	23/12/2023	ISSUED FOR APPROVAL	MMP	MBK	AKK
REV	DATE	DESCRIPTION	PBRID	QLIKID	ABRID

JKJV
CTPP

SIEMENS
ENERGY

ENR307

Golden Triangle Polymers Company LLC
Golden Triangle Polymers Project

ETHYLENE UNIT - 10

E / ITEM TAG NO. : QUENCH AREA PROCESS WATER CLEAN UP UNIT/10 V-240

E / ITEM TAG NO. QUENCH AREA PROCESS WATER CLEAN-UP UNIT/10-V-240
E SKIDS GENERAL ARRANGEMENT DRAWING AND PIAN DRAWING

**CRANE GUARDIAN AND LADDER DRAWING AND PLATE DRAWING
(WITH PLATFORM, LADDERS, STAIRS, DRAINAGE, GROUNDING)
FOR IGE VESSEL (SHEET 1 OF 13)**

NO. D-61-10-1167A-004-A DGN 004

- B01-10-JKVN-215A-201-A-DGN-221

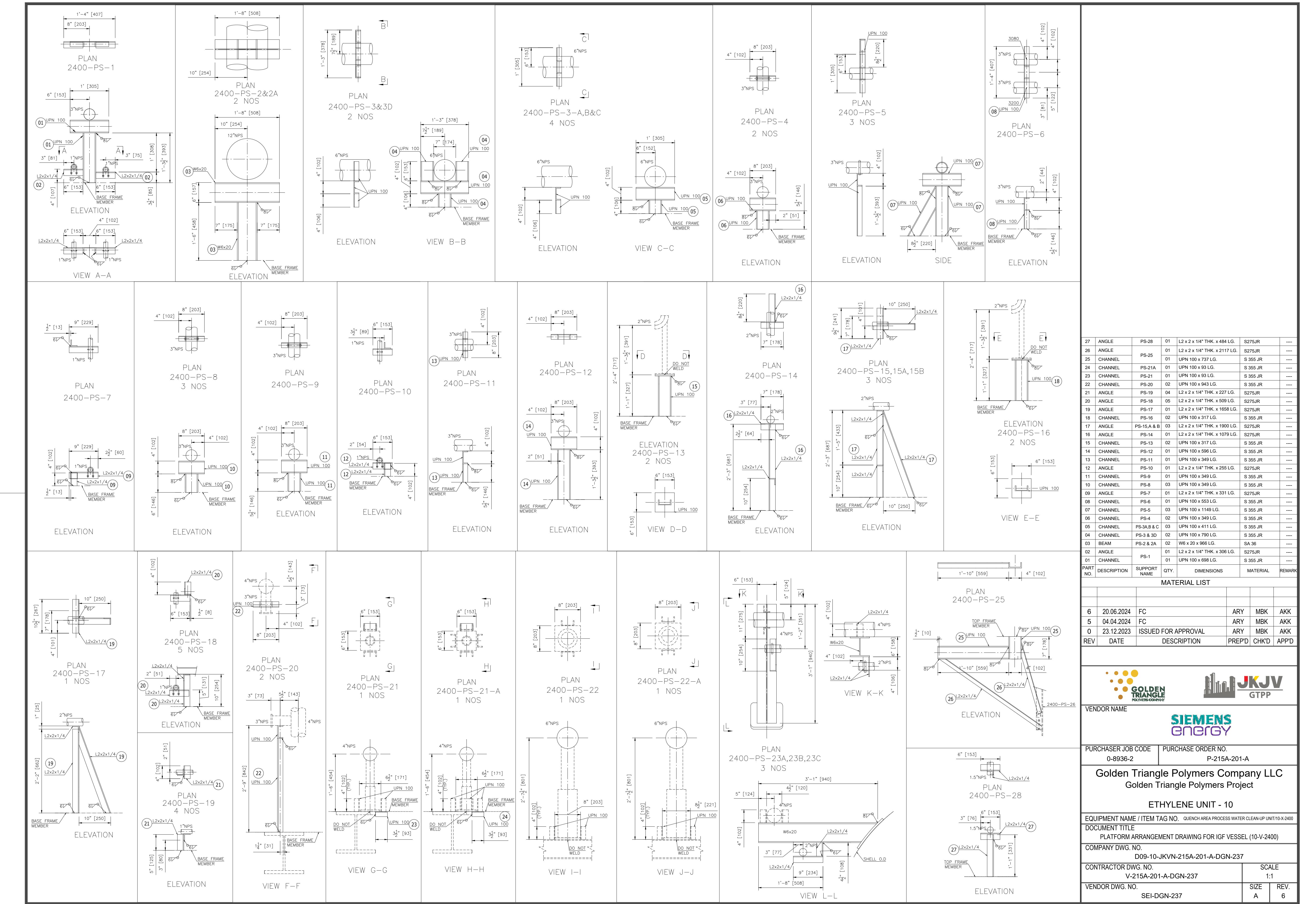
WG. NO. - V-215A-201-A-DGN-221 SCALE 1:1

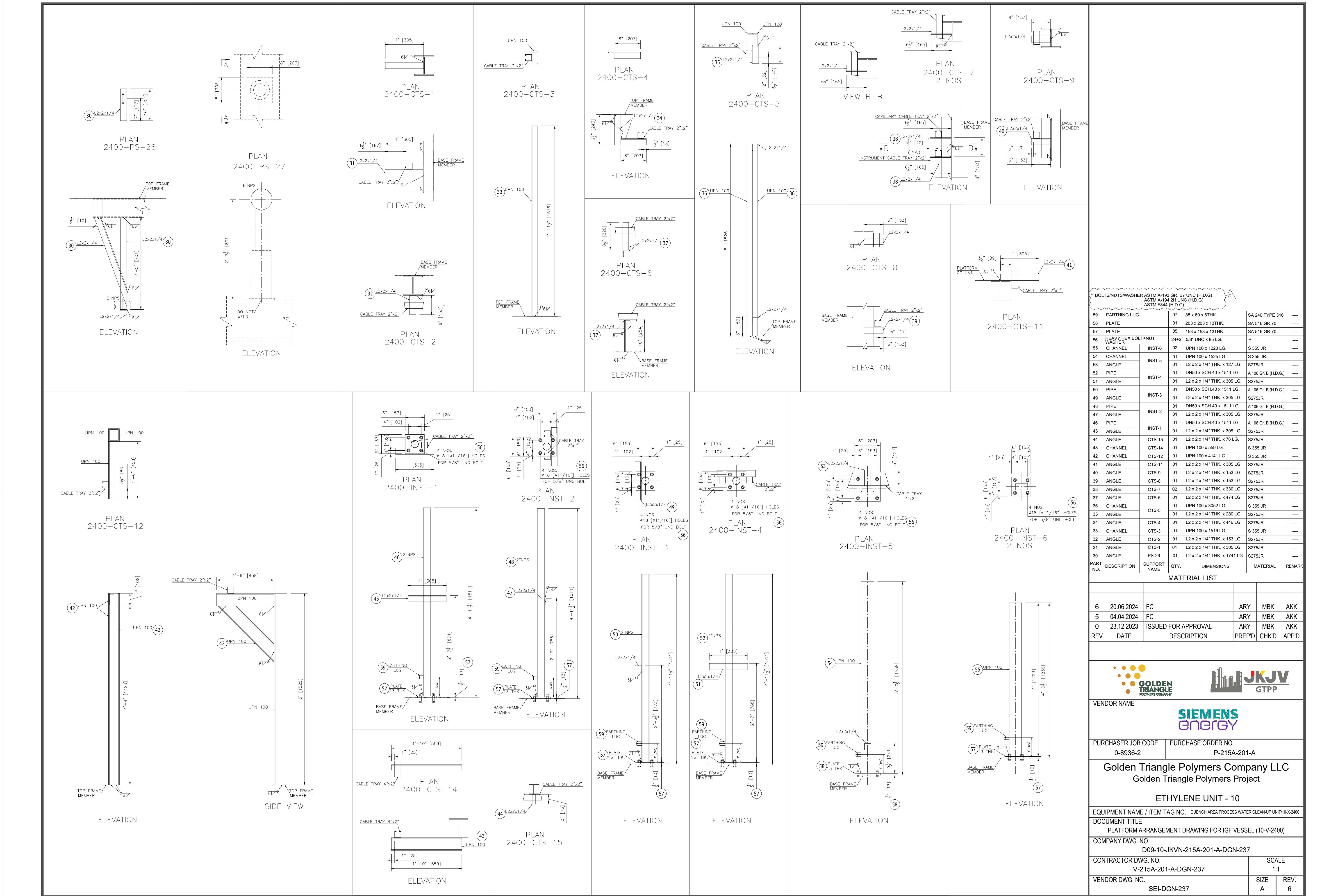
PRINTED ON BONDED PAPER

- SEI-DGN-221 SHEET 1 OF 4 SIZE A REV. 6

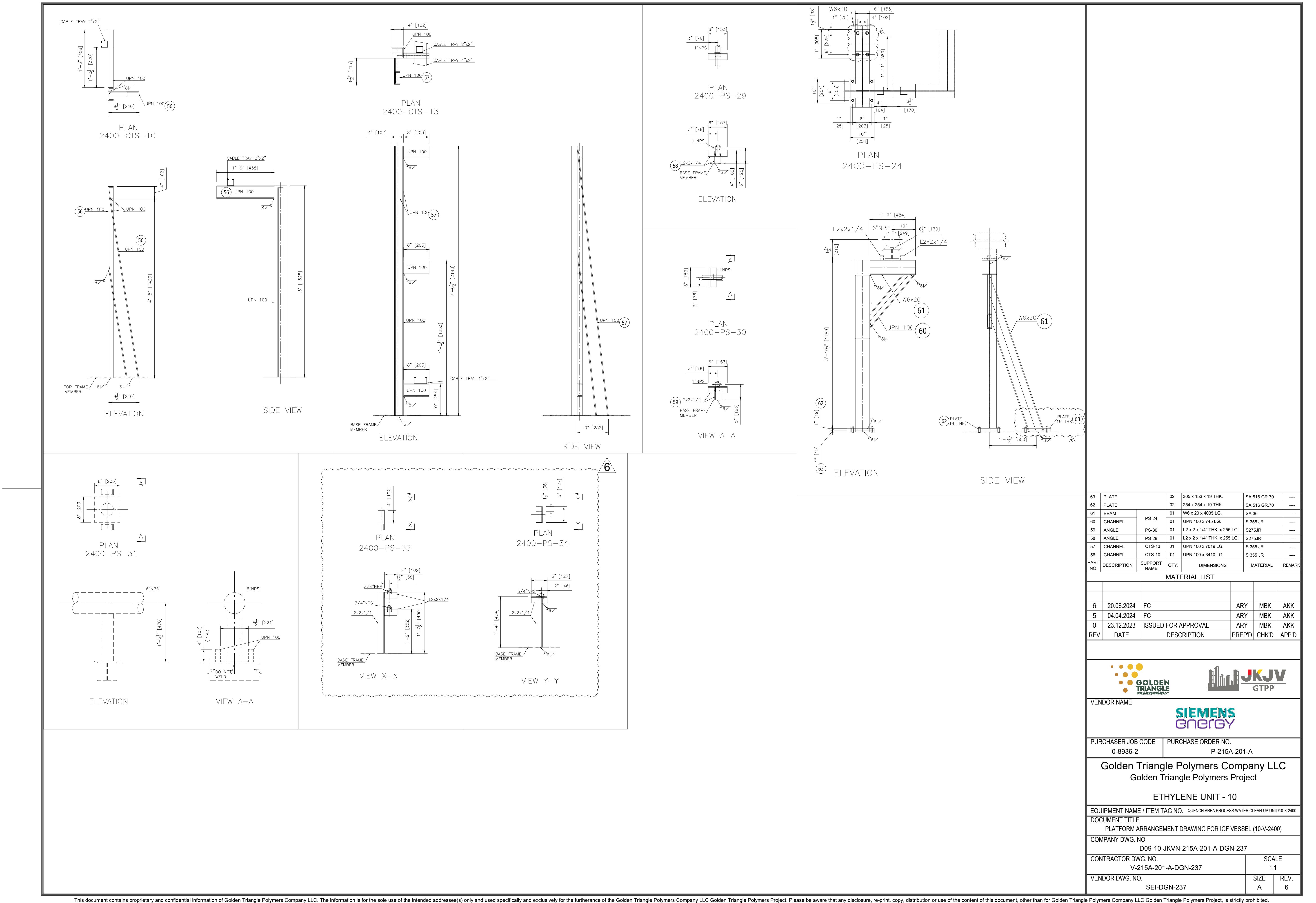
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 JKJV GTPP	Golden Triangle Polymers Project Ethylene Unit - 10			Document Title: SKIDS GENERAL ARRANGEMENT DWG. AND PLAN DWG. (WITH PLATFORM, LADDERS, STAIRS, DRAINAGE, GROUNDING) FOR IGF			
				Document No.: V-215A-201-A-DGN-221			
	COMMENT RESOLUTION SHEET			Rev. No.: 5		Vendor Name: Sparkle Clean Tech Pvt. Ltd.	
S.No.	Ref Doc No./ Title	Ref. Clause	Discipline	JGC Comments	Vendor Response		Status
				Date:	Date:		Closed/ Open
1	V-215A-201-A-DGN-221_5	PDF Page No. 1	Design	provide skid tie in flange dimension in all three axis (typical for all skids and all tie- in)	Noted & Updated.		
2	V-215A-201-A-DGN-221_5	PDF Page No. 1	Design	loading data shown all CG of the skid , in GA please show only empty CG	Noted & Updated.		
3	V-215A-201-A-DGN-221_5	PDF Page No. 1	Design	All temporary equipment for transportation and erection shall be clearly identified, normally with yellow paint, for field removal	Noted, Same are marked in drawing and note is mentioned.		
4	V-215A-201-A-DGN-221_5	PDF Page No. 1	Design	Summary of connections, including Nozzle allowable forces/moments and movements anticipated and allowable movements for each connection point between SIEMENS and JKJV	Nozzle allowable forces and moments are already provided for the pumps. Other skid connection points will be connected with Interconnected piping which supplied by SEI/Sparkle hence there is no connection point for JKJV inside skid.		
5	V-215A-201-A-DGN-221_5	PDF Page No. 1	Design	show tie in identification number and show the same in skid ISO drawing and interconnection piping	Noted & Updated.		
6	V-215A-201-A-DGN-221_5	PDF Page No. 2	Design	welding or bolting ? please check with 3D model and next page and correct	Updated in latest Model.		
7	V-215A-201-A-DGN-221_5	PDF Page No. 3 & 20	Design	vendor to provide alternate solution like adding stiffener to mitigate issue	Base frame is having heavy member with thick web and flange so additional stiffener are not required.		
8	V-215A-201-A-DGN-221_5	PDF Page No. 14	Design	[CVL]This is just confirmation.As per Model, TOG= EL+108'-3.141" = 108.262' Please confirm.	Noted & Updated.		
9	V-215A-201-A-DGN-221_5	PDF Page No. 14	Design	[CVL] Please change to "Concrete Paving" from "TOC".	Noted & Updated.		
10	V-215A-201-A-DGN-221_5	PDF Page No. 14	Design	[CVL] FDN width for IGF Skid is 107-10".Then, this distance between ladder center and skid foundation is 317 mm (= 2850 mm-2406 mm - 5") .See Comment Resolution No.18 on page 20.	Noted & Updated.		
11	V-215A-201-A-DGN-221_5	PDF Page No. 19	Design	check this support design , consider bolted connection considered for loose supply	Noted & Updated.		
12	V-215A-201-A-DGN-221_5	PDF Page No. 20	Design	The clearance between the skid foundation surface and ladder base edge is 12mm (= 317mm -1').In consideration of construction tolerance, please move ladder to out side siltely, if possible.	Noted & Updated.		
13	V-215A-201-A-DGN-221_5	CRS	Design	[CVL] The clearance between the skid foundation surface and ladder base edge is 12mm (= 317mm -1'). In consideration of construction tolerance, please move ladder to out side siltely, if possible.	Noted & Updated.		
14	V-215A-201-A-DGN-221_5	CRS	Design	vendor to provide alternate solution like adding stiffener to mitigate issue	Base frame is having heavy member with thick web and flange so additional stiffener are not required.		
15	V-215A-201-A-DGN-221_5	CRS	Design	Pump Mounting not yet updated	Updated in latest Model.		