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EQUIP. LIST - COMMON AREA (240)

- V-24001 - HP CHEMICAL FEED K.O. DRUM
- V-24002 - LP CHEMICAL FEED K.O. DRUM
- V-24003 - OILY WATER SUMP
- V-24004 - NITROGEN RECYCLE COMPRESSOR K.O. DRUM
- V-24005 - HYDROGEN RICH GAS K.O. DRUM
- V-24006 - NATURAL GAS PREHEATER CONDENSATE POT
- V-24007 - STEAM CONDENSATE DRUM
- E-24001 - NATURAL GAS PREHEATER
- E-24002 - BACK-UP HYDROGEN RICH GAS COOLER
- E-24003 - CHEMICAL FEED COMPRESSOR 1st STAGE COOLER
- E-24004 - CHEMICAL FEED COMPRESSOR 2nd STAGE COOLER
- E-24005 - NITROGEN RECYCLE COMPRESSOR COOLER

- P-24001 A/B - OILY WATER SUMP PUMP
- P-24004 A/B - STEAM CONDENSATE DRUM PUMPS
- C-24001 - CHEMICAL FEED COMPRESSOR
- C-24002 - NITROGEN RECYCLE COMPRESSOR
- TK-24001 - LUBE OIL SKID
- R-24001 - COMPRESSOR BUILDING
- R-24002 - TRACER BUILDING
- R-24003 - MCC BUILDING
- R-24004 - CONTROL BUILDING
- R-24005 - DELETED
- R-24006 - ANALYZER BUILDING
- R-24007 - CHEMICAL INJECTION PACKAGE
- R-24008 - EMERGENCY RESPONSE SHELTER
- S-24002 - STEAM SILENCER

EQUIP. LIST - TRAIN 1 (241/243)

- V-24101 - HYDRODESULFURIZATION REACTOR I
- V-24102 - HYDRODESULFURIZATION REACTOR II
- V-24103 - STEAM DRUM
- V-24104 - STEAM DRUM BLOWDOWN DRUM
- V-24105 - HT-SHIFT CONVERTER
- V-24106 - PROCESS CONDENSATE SEPARATOR
- V-24107 - PROCESS CONDENSATE FLASH DRUM
- V-24109 - PROCESS STEAM SEPARATOR
- V-24111 - PROCESS STEAM BLOWDOWN DRUM
- E-24101 - PROCESS GAS COOLER
- E-24102 - PROCESS CONDENSATE PREHEATER
- E-24103 - COMBUSTION AIR PREHEATER

- E-24104 - PROCESS CONDENSATE EVAPORATOR
- E-24105 - BFW PREHEATER
- E-24106 A/B/C/D - AIR COOLER
- E-24107 - FINAL COOLER
- E-24108 - HP STEAM GENERATOR (H-24102)
- E-24109 - FEED/STEAM PREHEATER II (H-24102)
- E-24110 - HP STEAM SUPERHEATER II (H-24102)
- E-24111 - FEED/STEAM PREHEATER I (H-24102)
- E-24112 - HP STEAM SUPERHEATER I (H-24102)
- E-24113 - HP STEAM SUPERHEATER I (H-24102)
- E-24114 - FEED PREHEATER II (H-24102)
- E-24115 - PROCESS CONDENSATE PARTIAL EVAPORATOR (H-24102)

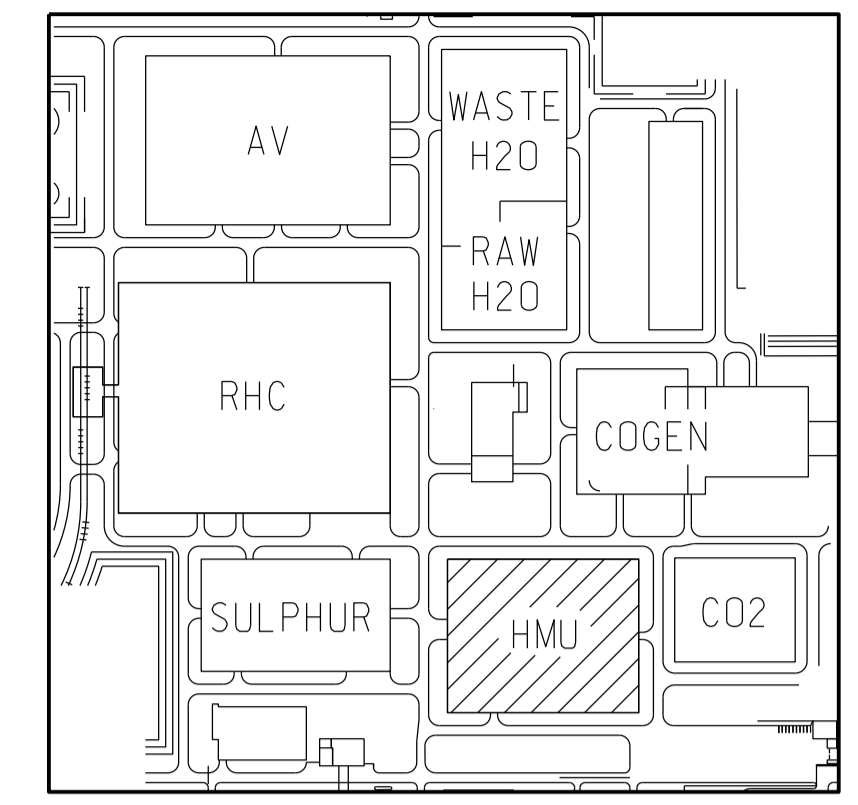
- E-24116 - FEED PREHEATER I (H-24102)
- E-24117 - COMBUSTION AIR HEATER
- P-24101 A/B - PROCESS CONDENSATE PUMP
- P-24103 A/B - STEAM DRUM BLOWDOWN DRUM PUMPS
- H-24101 - STEAM REFORMER
- C-24101 - COMBUSTION AIR FAN PACKAGE
- C-24102 - FLUE GAS FAN PACKAGE
- R-24102 - DELETED
- R-24301 - PSA BUILDING
- V-24401-10 - PSA ADSORBERS (S-24301)
- V-24411 - PSA OFFGAS DRUM (S-24401)
- V-24413 - H2 PRODUCT FILTER

- V-24301-10 - PSA ADSORBERS (S-24301)
- V-24311 - PSA OFFGAS DRUM (S-24301)
- V-24313 - H2 PRODUCT FILTER

EQUIP. LIST - ABSORPTION 241/242

- E-24129 - ABSORBER 1 CIRCULATING WATER COOLER
- E-24229 - ABSORBER 2 CIRCULATING WATER COOLER
- C-24103 - FLUE GAS RECIRCULATION FAN (NOTE 8)
- C-24203 - FLUE GAS RECIRCULATION FAN (NOTE 8)
- P-24108A/B - ABSORBER 1 CIRCULATING WATER WASH PUMPS
- P-24208A/B - ABSORBER 2 CIRCULATING WATER WASH PUMPS
- S-24105 - FLUE GAS RECIRCULATION FAN LUBE OIL SKID (NOTE 8)
- S-24205 - FLUE GAS RECIRCULATION FAN LUBE OIL SKID (NOTE 8)
- V-24118 - AMINE ABSORBER 1
- V-24119 - ABSORBER 1 WASH WATER VESSEL
- V-24218 - AMINE ABSORBER 2
- V-24219 - ABSORBER 2 WASH WATER VESSEL

KEY PLAN

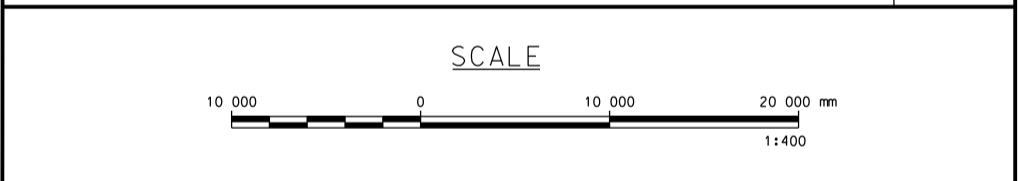


NOTES

- HIGH POINT FINISHED GRADE EL 624000
- MONUMENT POINT SHOWN THUS: HAS COORDINATES N 2843.000, E 2202.500 PER SITE PLAN DWG. No. 200.0000.000.044.001
- UNIT DESCRIPTIONS:
  - UNIT 240 UNIT COMMON
    - FEED PREHEAT
    - FEED GAS COMPRESSION
    - NITROGEN RECYCLE COMPRESSION
  - UNIT 241 TRAIN 1 PROCESS
    - STEAM-REFORMER / HEAT RECOVERY
    - CO-SHIFT / DESULFURIZATION
    - CONDENSATE TREATMENT
  - UNIT 242 TRAIN 2 PROCESS
    - STEAM-REFORMER / HEAT RECOVERY
    - CO-SHIFT / DESULFURIZATION
    - CONDENSATE TREATMENT
  - UNIT 243 TRAIN 1 PSA
  - UNIT 244 TRAIN 2 PSA
- ALL COORDINATES AND ELEVATIONS ARE IN MILLIMETRES.
- APPROXIMATE LOCATION
- DELETED
- FOR ELEVATION VIEWS SEE DWG 240.0000.000.044.008.
- FLOOR RESPONSIBILITY IS LIMITED TO ABSORPTION 241-242 EQUIPMENT LIST.

WORKING COPY OF MASTER DRAWING AS-BUILT INFORMATION REQUIRED FOR MOC 11457 PROJECT USE ONLY

REV	DATE	DESCRIPTION	DWN	CHKD	ENG	APP	APP	CLNT APP
6	13 FEB 02	ISSUED FOR CONSTRUCTION	JJ	DAW	EM	BH	-	SPP
5C	12 OCT 30	ISSUED FOR SQUAD CHECK	JJ	DAW	EM	BH	-	SPP
5B	12 JUN 26	UPDATED FOR BUYING PFD - ISSUED FOR DESIGN	JJ	DAW	EM	BH	-	SPP
5A	11 AUG 25	QUEST CO2 CCS PROJECT - PFD ISSUED FOR DESIGN MOC 11457	SS	VM	EM	DAW	-	SPP



REFERENCE DRAWINGS

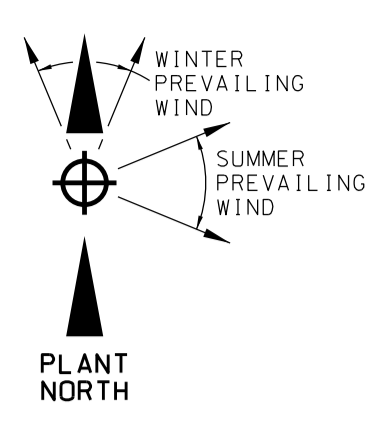
DRAWING NUMBER	TITLE
200.0000.000.044.001	SHELL SCOTFORD COMPLEX PROPOSED UPGRADER SITE PLAN
240.0000.000.044.002	OVERALL PLOT PLAN ISOMETRIC VIEW FROM SOUTHWEST
240.0000.000.044.008	HMU 1 & 2 ABSORBER ELEVATION VIEWS

REV	ISSUED DATE	DESCRIPTION	DWN	CHKD	ENG	APP	APP	CLNT APP
5	06 NOV 29	AS BUILT (TRFE-3436)	AS	MZ				
4	04 JUN 29	ADDED EMERG. SHELTER (MOC-140)	MXS	HWF				
3	02 OCT 04	IF AB - ISSUED FOR AS BUILT	JLA	EG	MWP	MWP		
2	01 APR 02	RE - ISSUED FOR CONSTRUCTION	XHS	BRH	BLD	MWP	DCL	
1	08 OCT 31	RE - ISSUED FOR CONSTRUCTION	XHS	BLD	BLD	MWP	DCL	

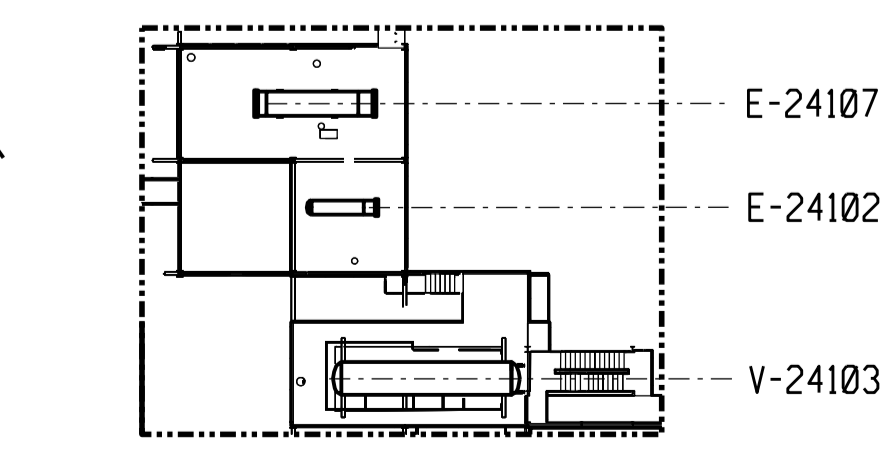
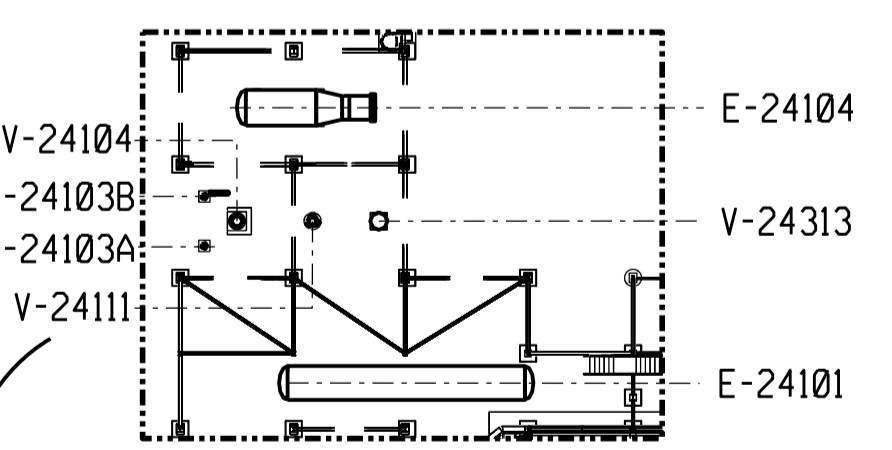
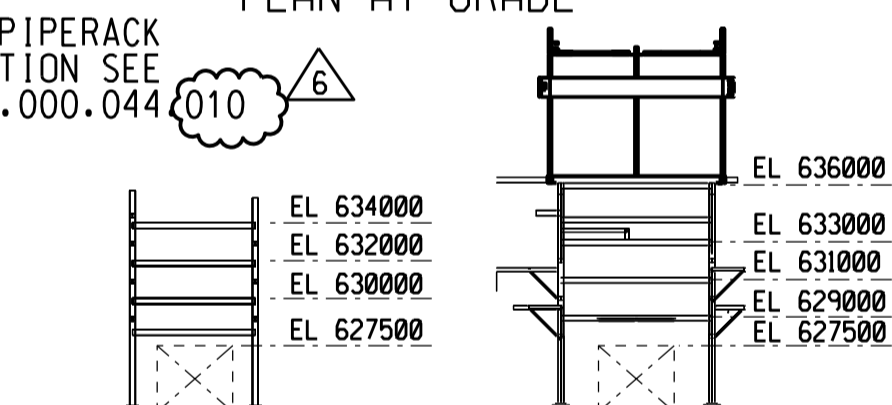
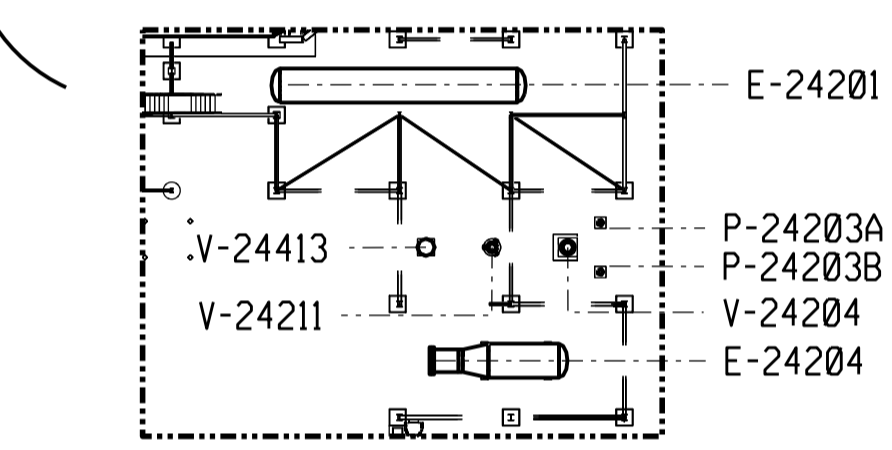
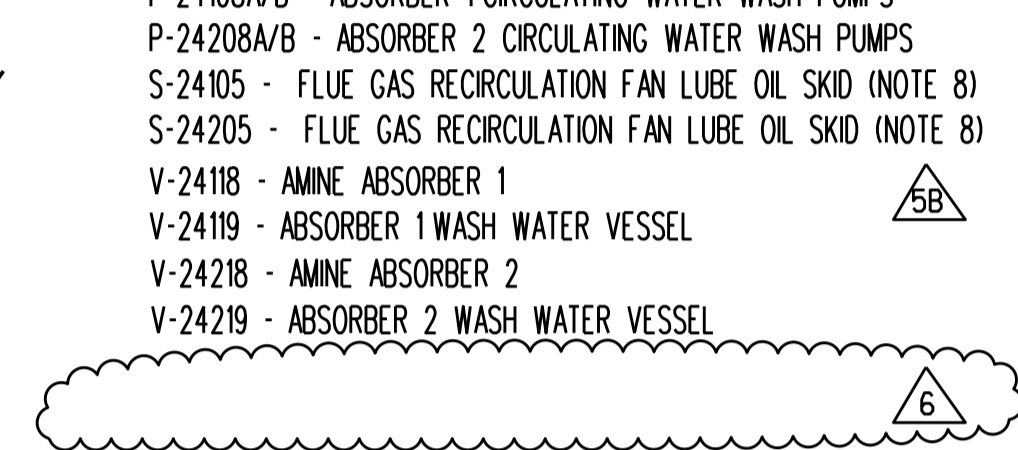
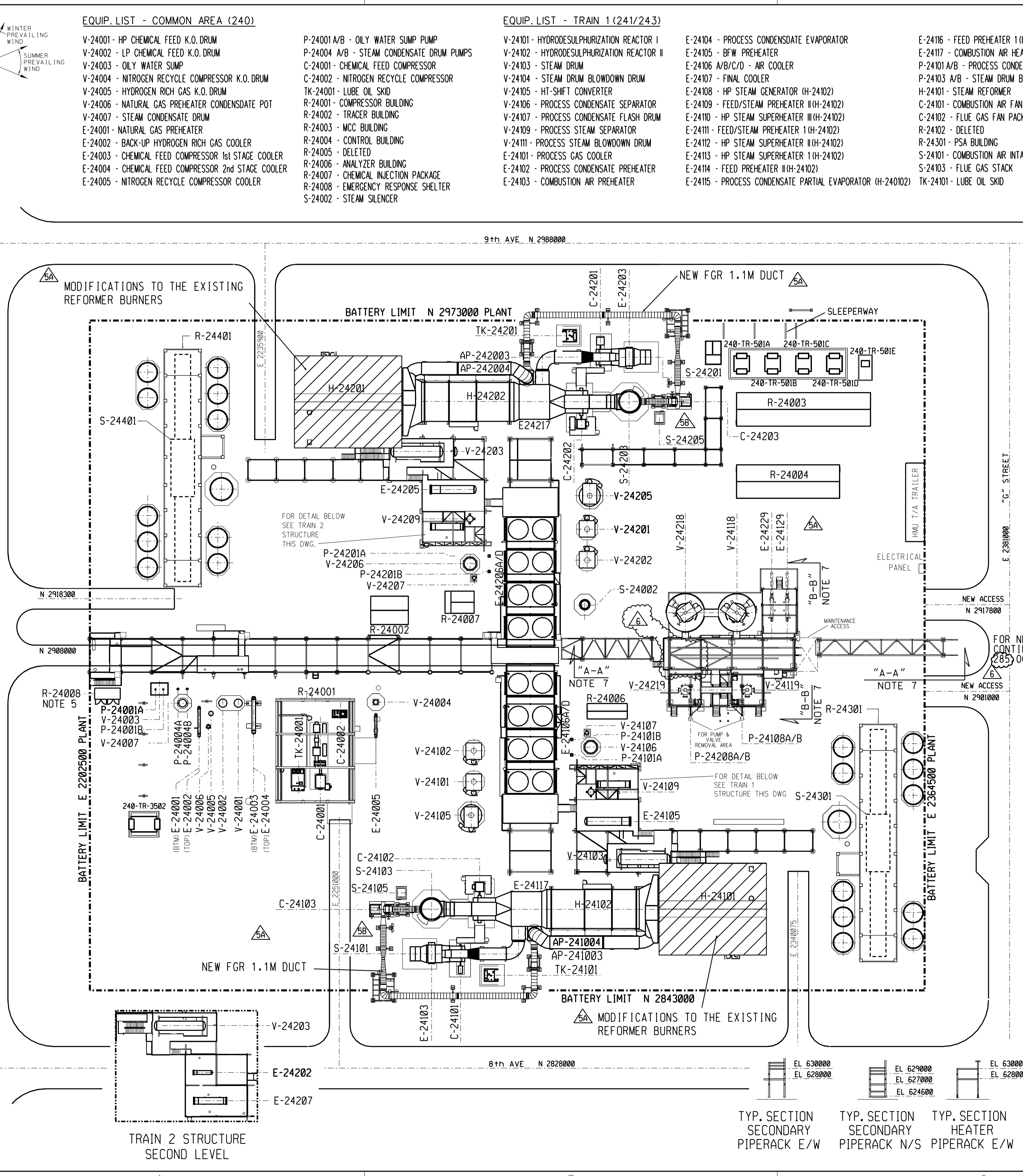
**SHELL CANADA LTD.**  
ATHABASCA OIL SANDS  
DOWNSTREAM PROJECT

HYDROGEN MANUFACTURING UNIT  
OVERALL PLOT PLAN

SCALE: 1:400 TOE DWG. No.: 99049-0-DG-AC-00001.0  
SHELL DWG NO.: 240.0000.000.044.001  
ISSUED FOR CONSTRUCTION 11 Feb 2012



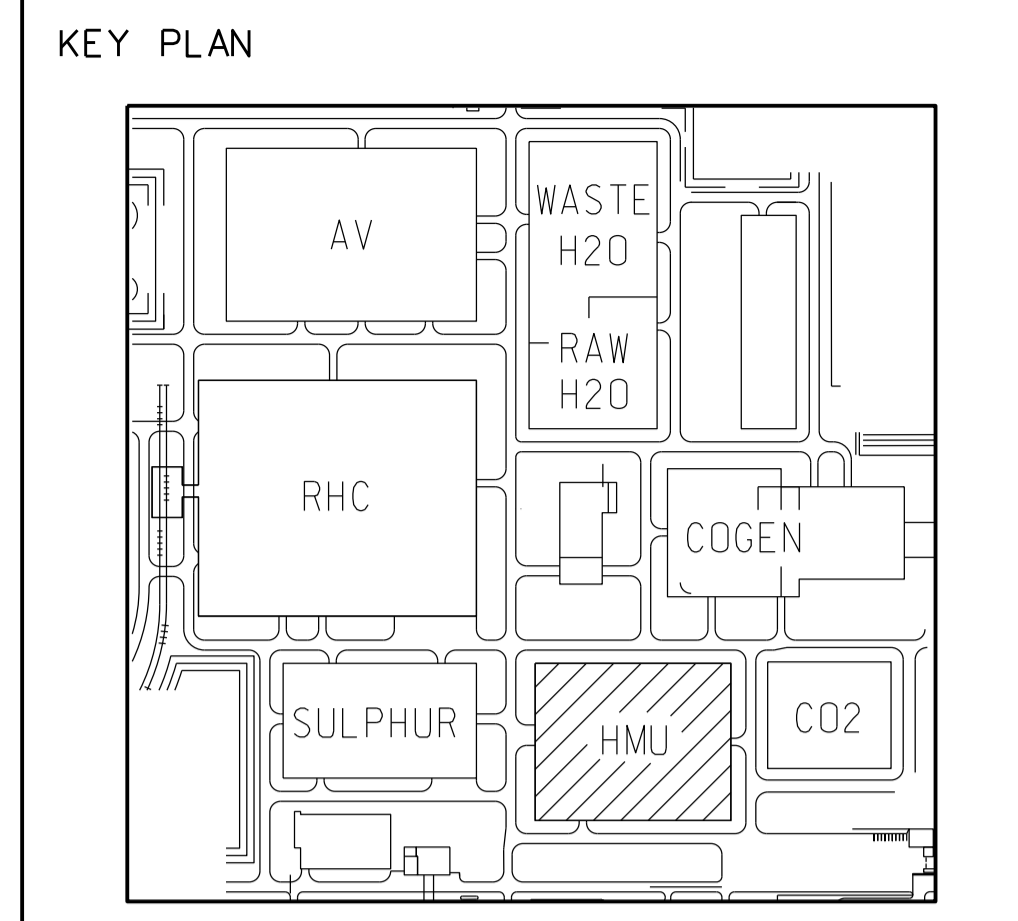
D  
C  
B  
A  
FORMAT: AT



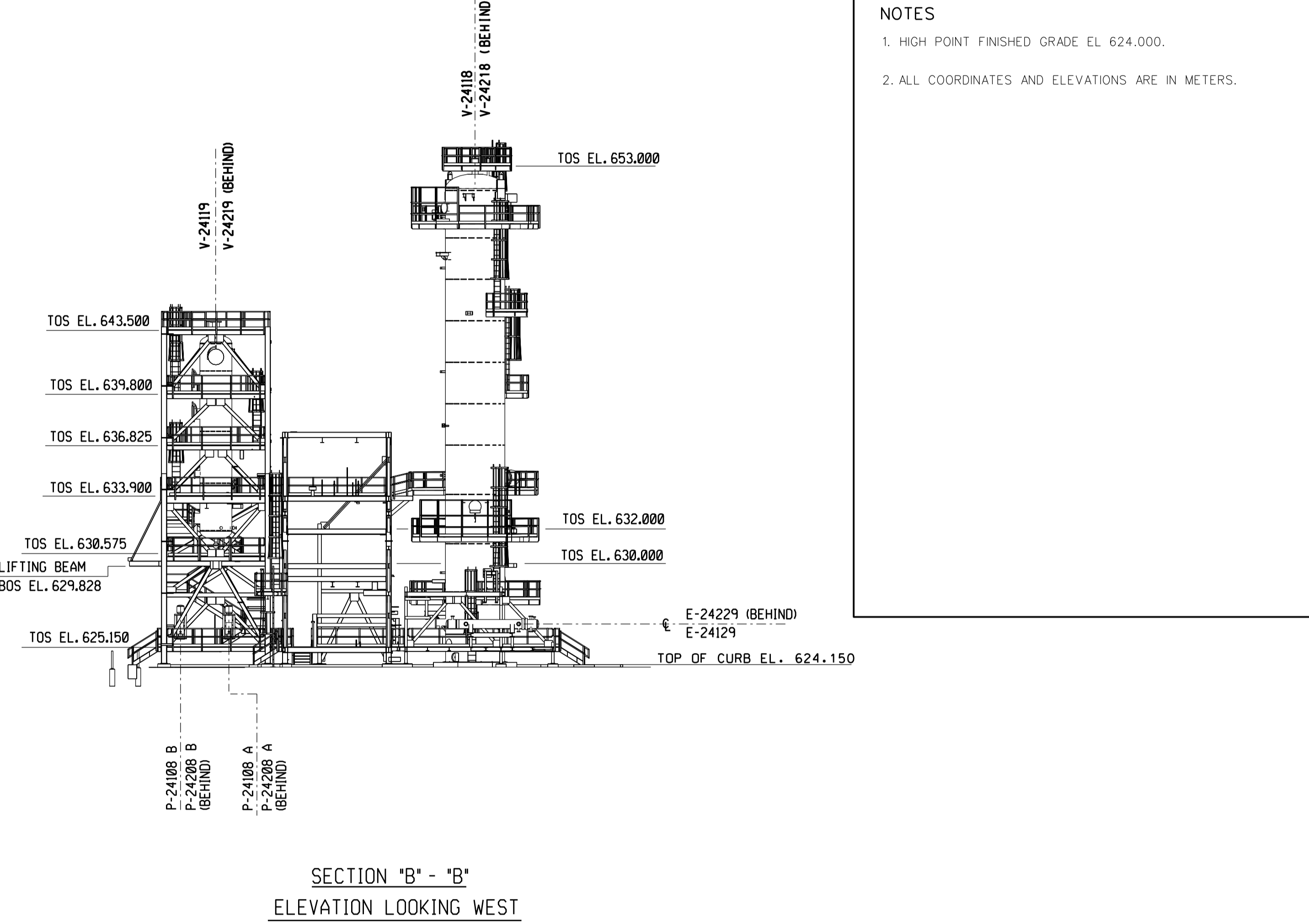
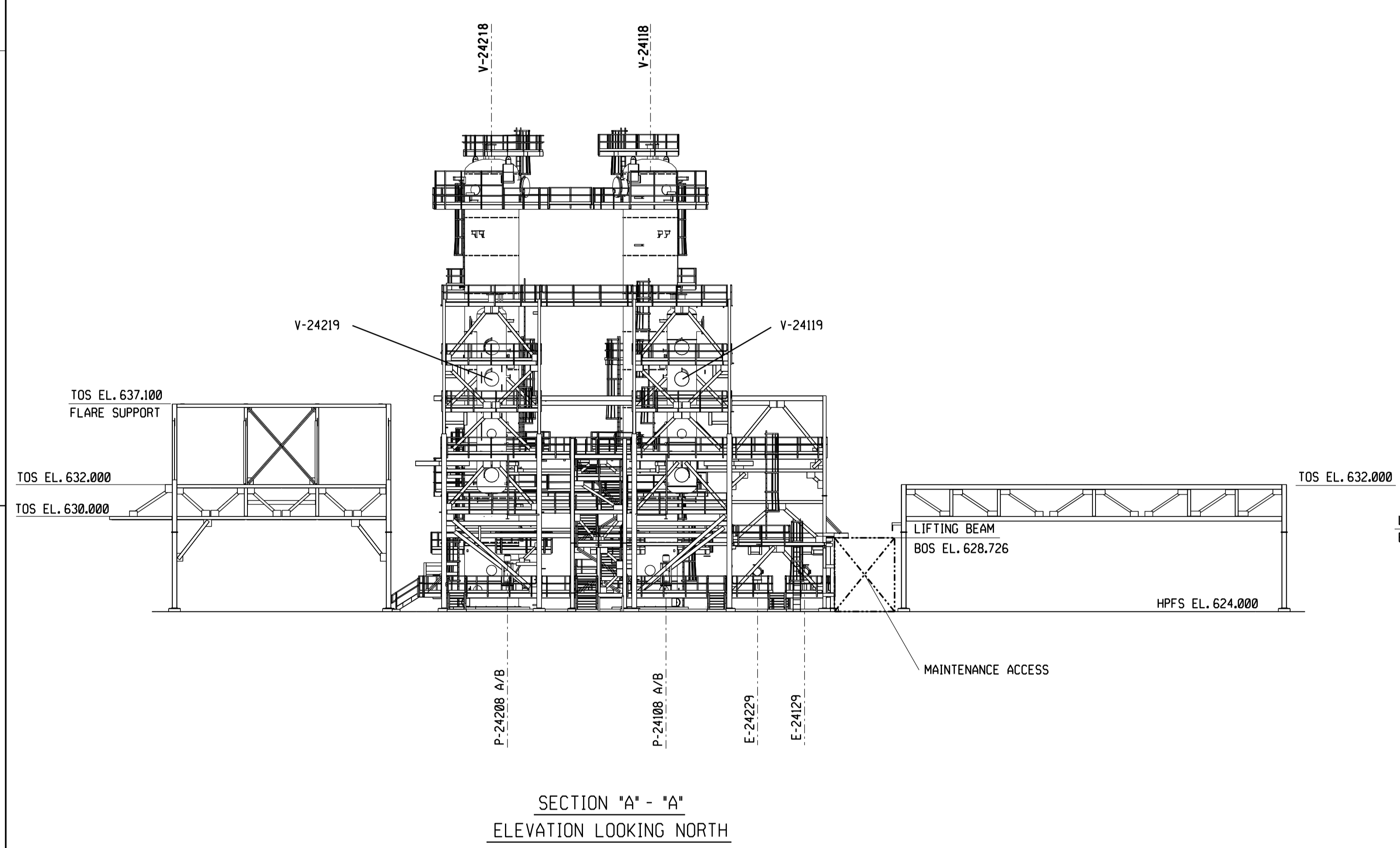
TYP. SECTION SECONDARY PIPERACK E/W  
TYP. SECTION SECONDARY PIPERACK N/S  
TYP. SECTION HEATER PIPERACK E/W

ISSUED FOR CONSTRUCTION 11 Feb 2012

substitute the filename design here



**NOTES**  
 1. HIGH POINT FINISHED GRADE EL 624.000.  
 2. ALL COORDINATES AND ELEVATIONS ARE IN METERS.



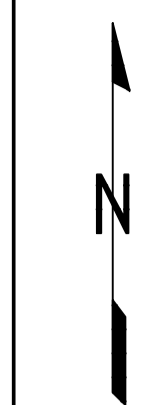
**ISSUED FOR CONSTRUCTION**  
11 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS	PERMIT STAMP	ENGINEER STAMP
1	13 FEB 02	JJ	IFC - ISSUED FOR CONSTRUCTION	DAW	BH	EM	SPP			
0A	12 DEC 13	JJ	IFC - ISSUED FOR SQUAD CHECK	VM/DAW	VM					
0	11 AUG 25	SS	IFD - ISSUED FOR DESIGN	VM/DAW	VM	EM	SPP	240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT. OVERALL PLOT PLAN		

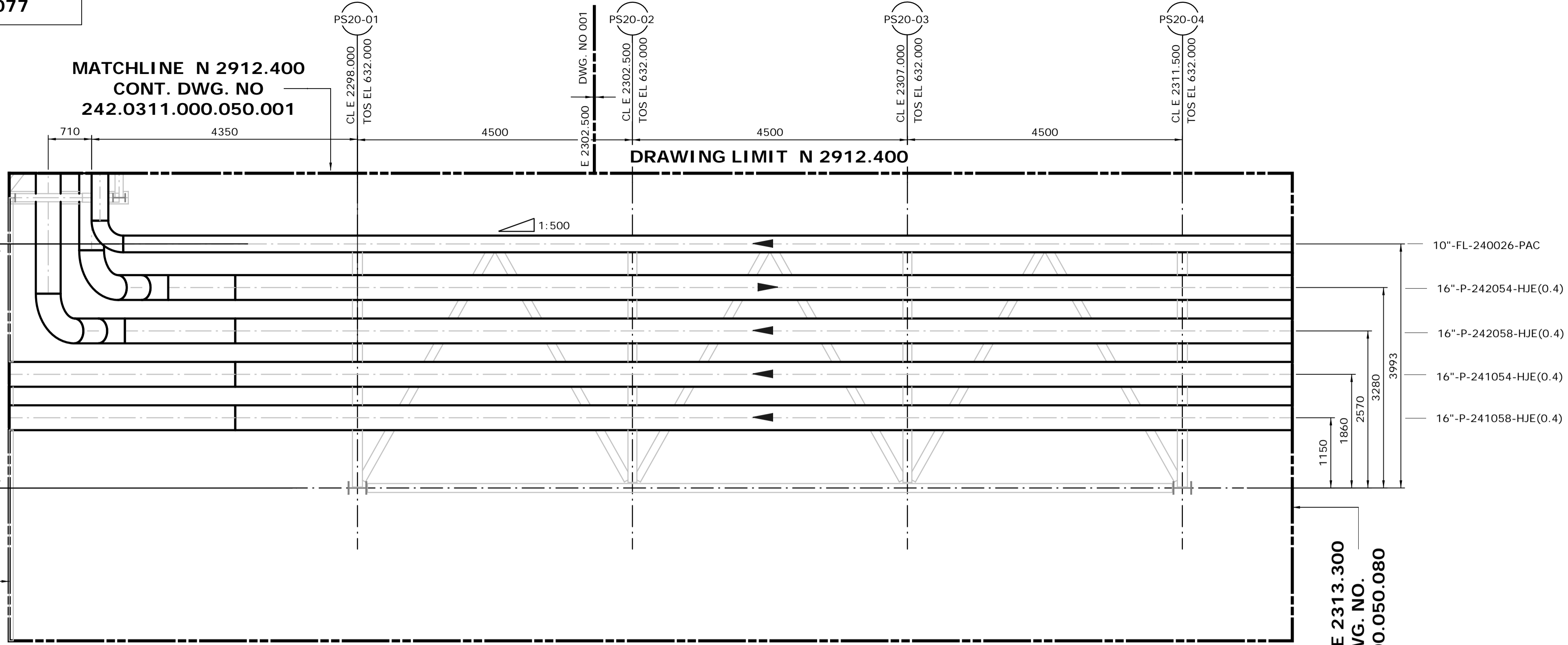
  

DATE DRAWN	11 AUG 25	CHECKED	SS	LEAD	VM/DAW	APPROVED	EM	CLIENT APPROVED	SPP
SCALE	1:200	SHELL DRAWING NUMBER	240.0000.000.044.008				REV.	1	

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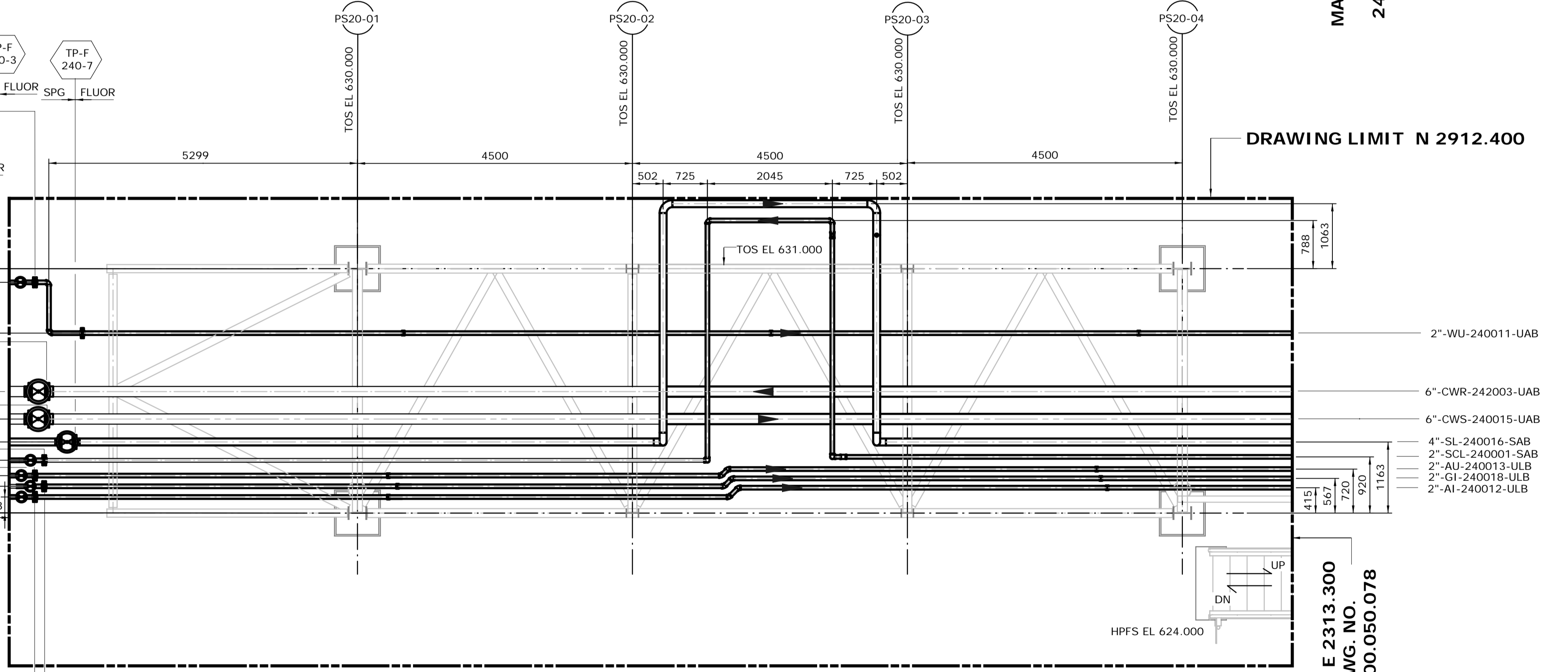
MATCHLINE E 2292.000  
CONT. DWG. NO.  
240.0311.000.050.053



MATCHLINE E 2313.300  
CONT. DWG. NO.  
240.0311.000.050.080

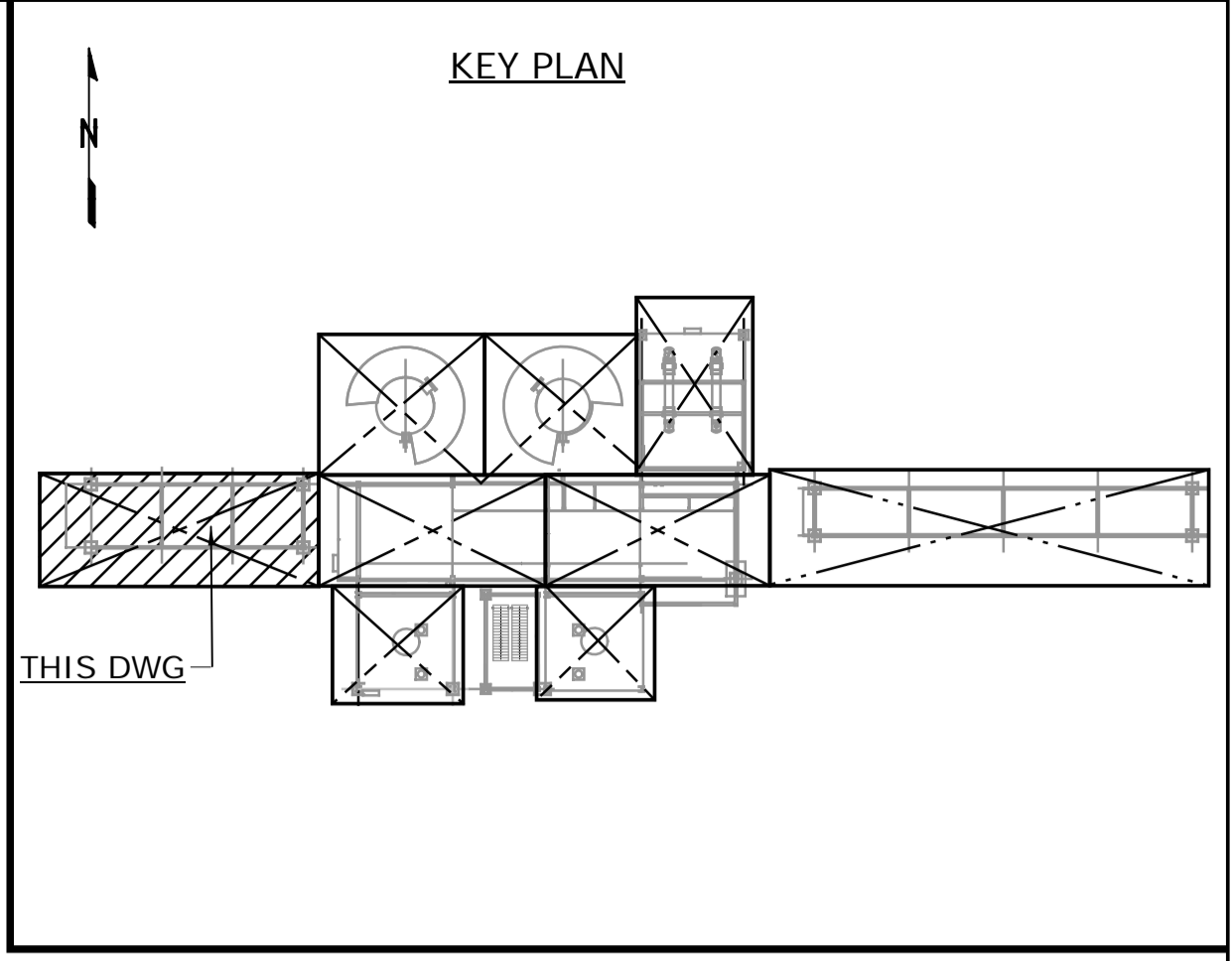
**DRAWING LIMIT N 2904.750**  
**UPPER LEVEL**  
**FROM EL. 631.300 & ABOVE**  
SCALE: 1:50

MATCHLINE E 2292.000  
CONT. DWG. NO.  
240.0311.000.050.046

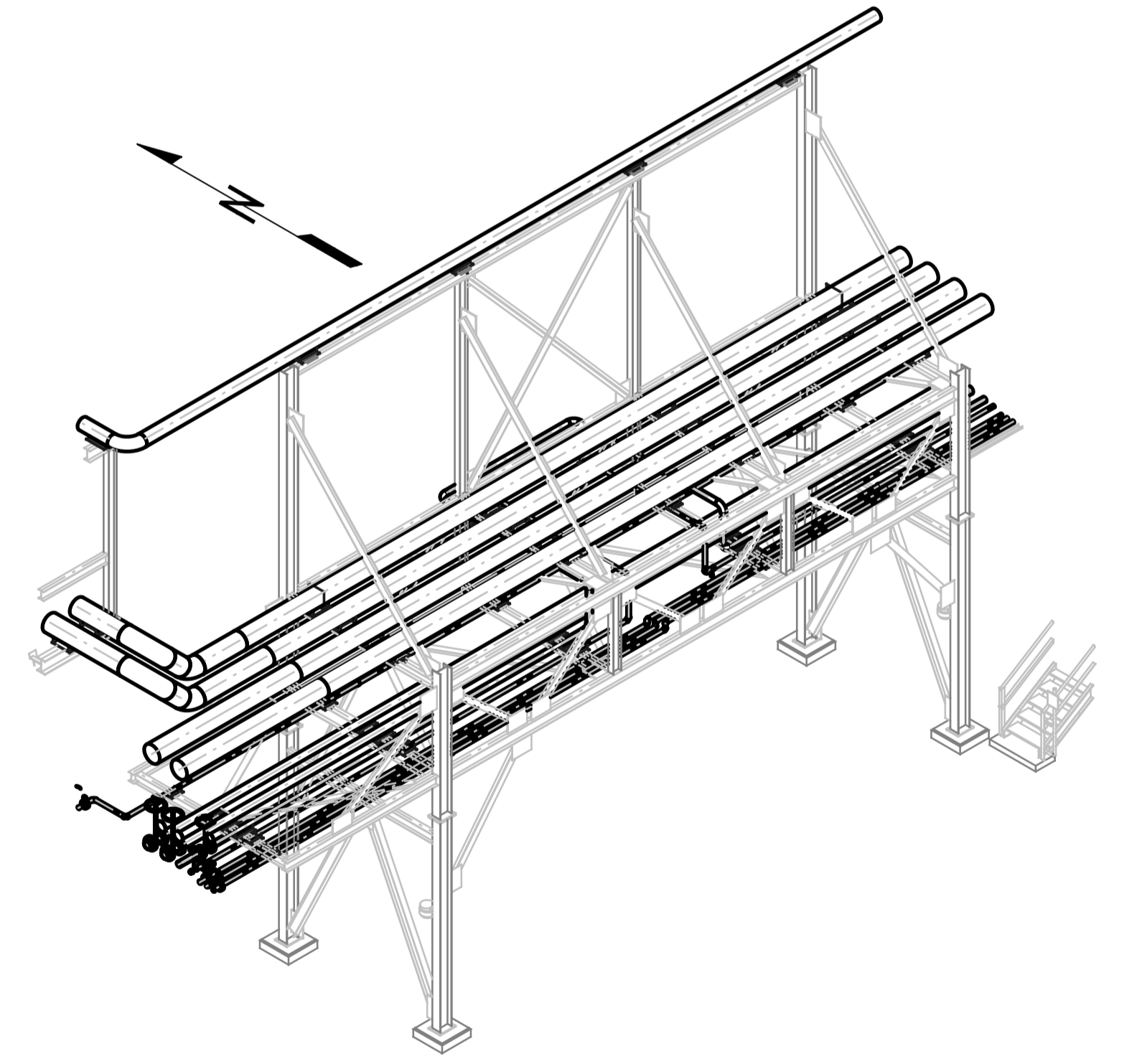


MATCHLINE E 2313.300  
CONT. DWG. NO.  
240.0311.000.050.078

**DRAWING LIMIT N 2904.750**  
**LOWER LEVEL**  
**FROM EL. 624.000 TO 631.300**  
SCALE: 1:50



- NOTES:**
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  2. HIGH POINT FINISHED SURFACE EL. 624.000M.



**MODULE 4120BCR**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

**ISSUED FOR CONSTRUCTION**  
14 Mar 2013

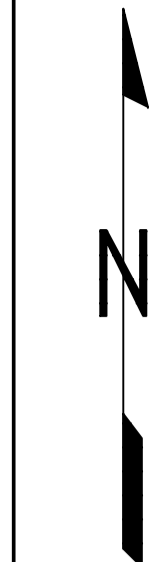
NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT
2	13/03/14	PS	REISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT
240.0000.000.076.001			HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS				
240.0311.000.076.002			MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEW				
240.0311.000.076.001			MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOTPLAN				
240.0000.000.044.001			HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN				

PERMIT STAMP

ENGINEER STAMP

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120BCR PLAN FROM EL. 624.000 & ABOVE	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.077</b>	REV. 2



MATCH LINE N 2912.100  
CONT. DWG. NO.  
240.0311.000.050.094

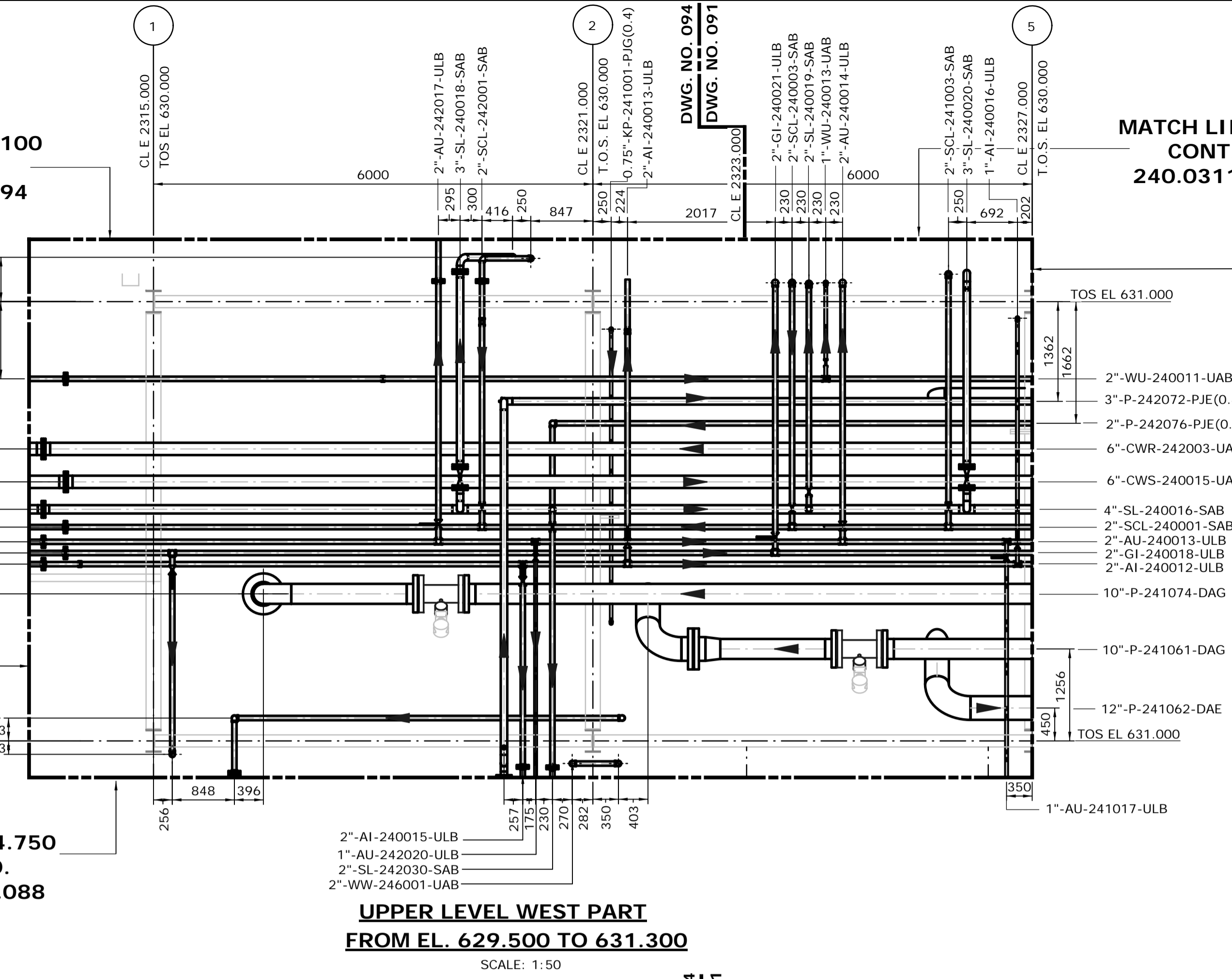
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CONT. DWG. NO.  
240.0311.000.050.077

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.088

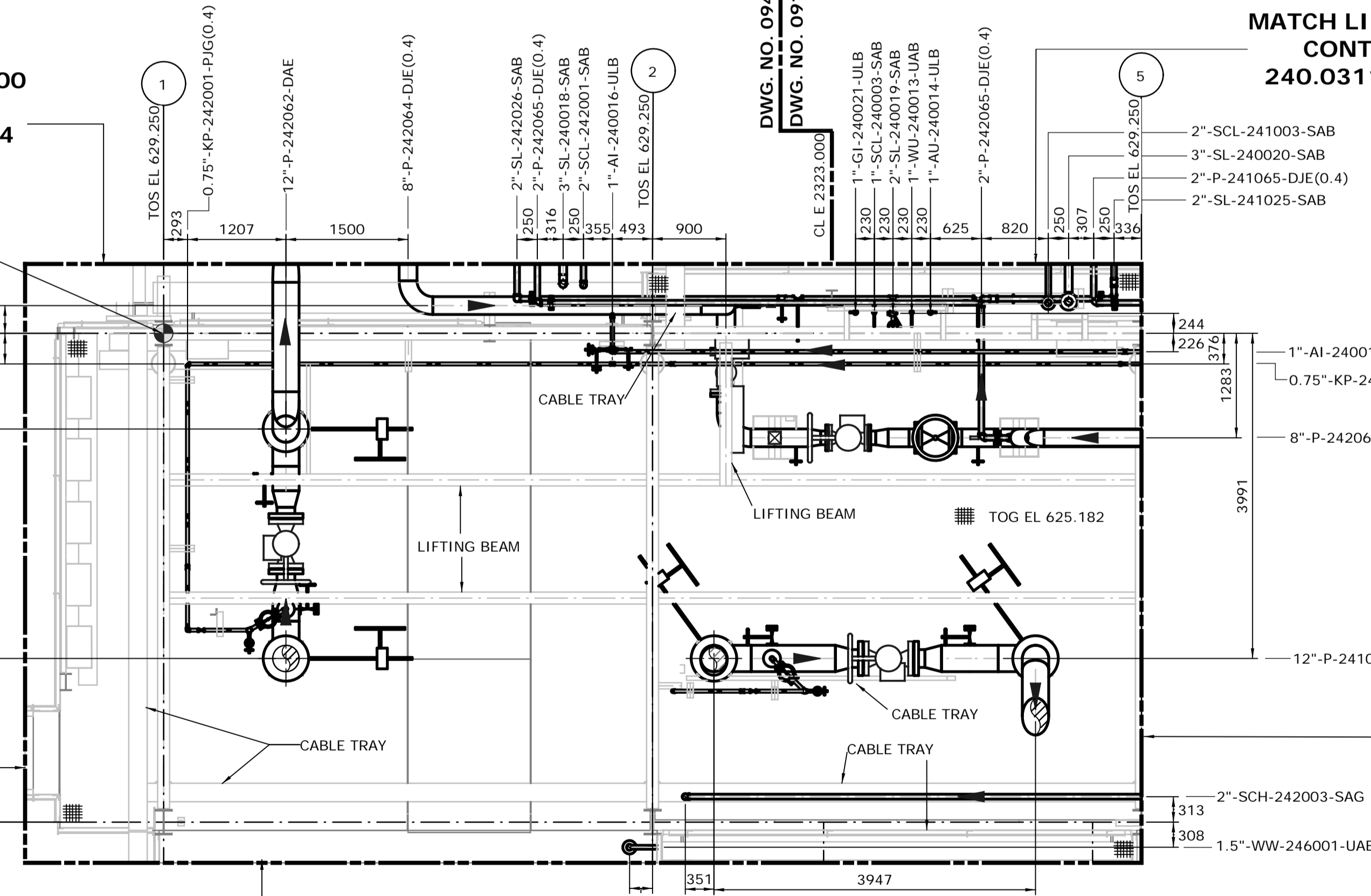
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CONT. DWG. NO.  
240.0311.000.050.094

MATCHLINE E 2313.300  
CONT. DWG. NO.  
240.0311.000.050.077

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.088



**UPPER LEVEL WEST PART**  
FROM EL. 629.500 TO 631.300  
SCALE: 1:50



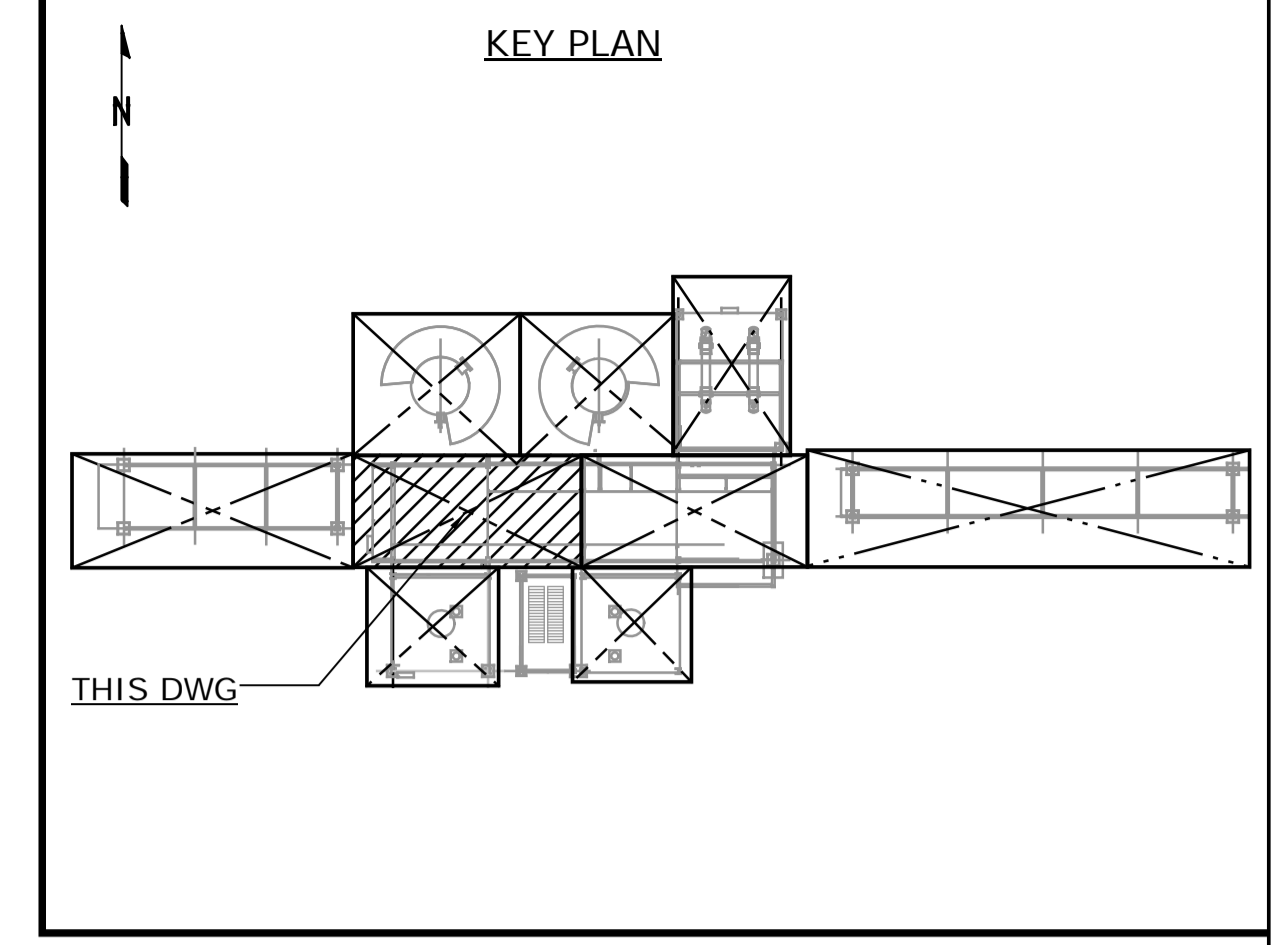
**LOWER LEVEL WEST PART**  
FROM EL. 624.000 TO 629.500  
SCALE: 1:50

MATCH LINE N 2912.100  
CONT. DWG. NO.  
240.0311.000.050.091

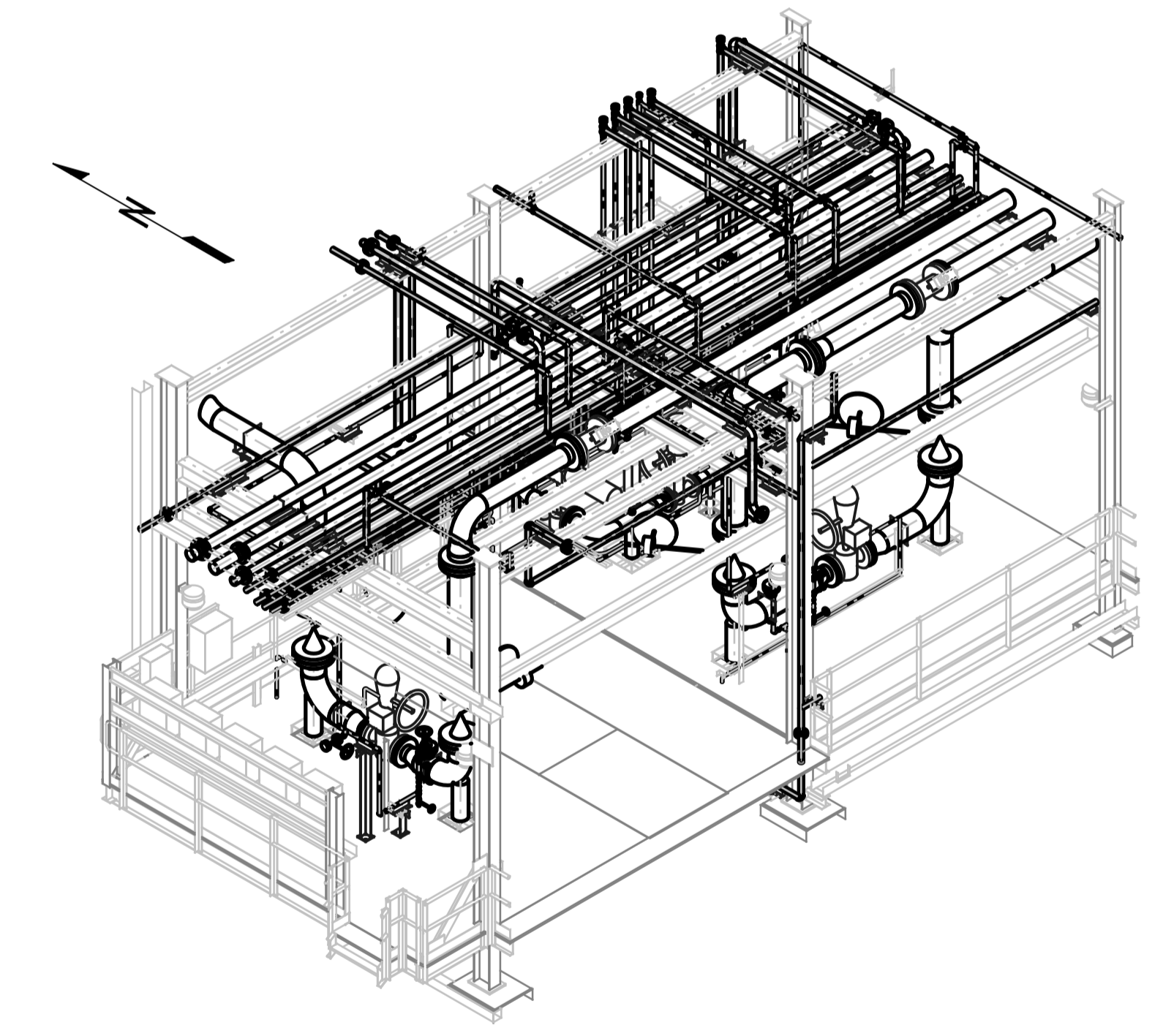
MATCHLINE E 2327.000  
CONT. DWG. NO.  
240.0311.000.050.079

MATCH LINE N 2912.100  
CONT. DWG. NO.  
240.0311.000.050.091

MATCHLINE E 2327.000  
CONT. DWG. NO.  
240.0311.000.050.079



- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.

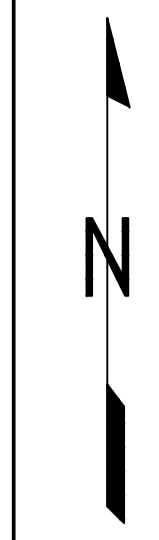


**MODULE 4120ADM-WEST PART**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120ADM WEST PART PLAN FROM EL. 624.000 TO 631.300	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.078</b>	REV. 1



MATCHLINE E 2327.000  
CONT. DWG. NO.  
240.0311.000.050.078

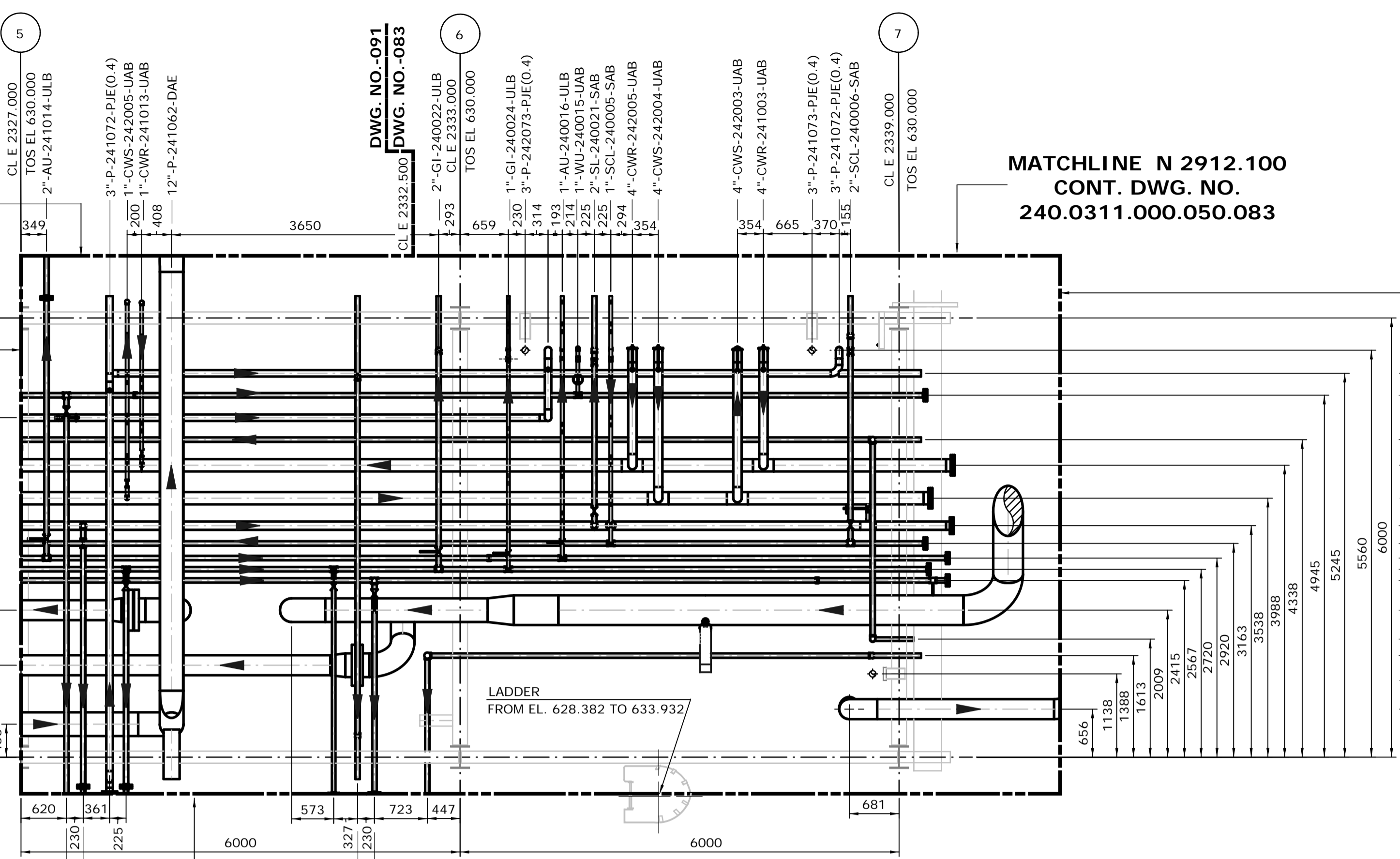
MATCHLINE N 2912.100  
CONT. DWG. NO.  
240.0311.000.050.083

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.085

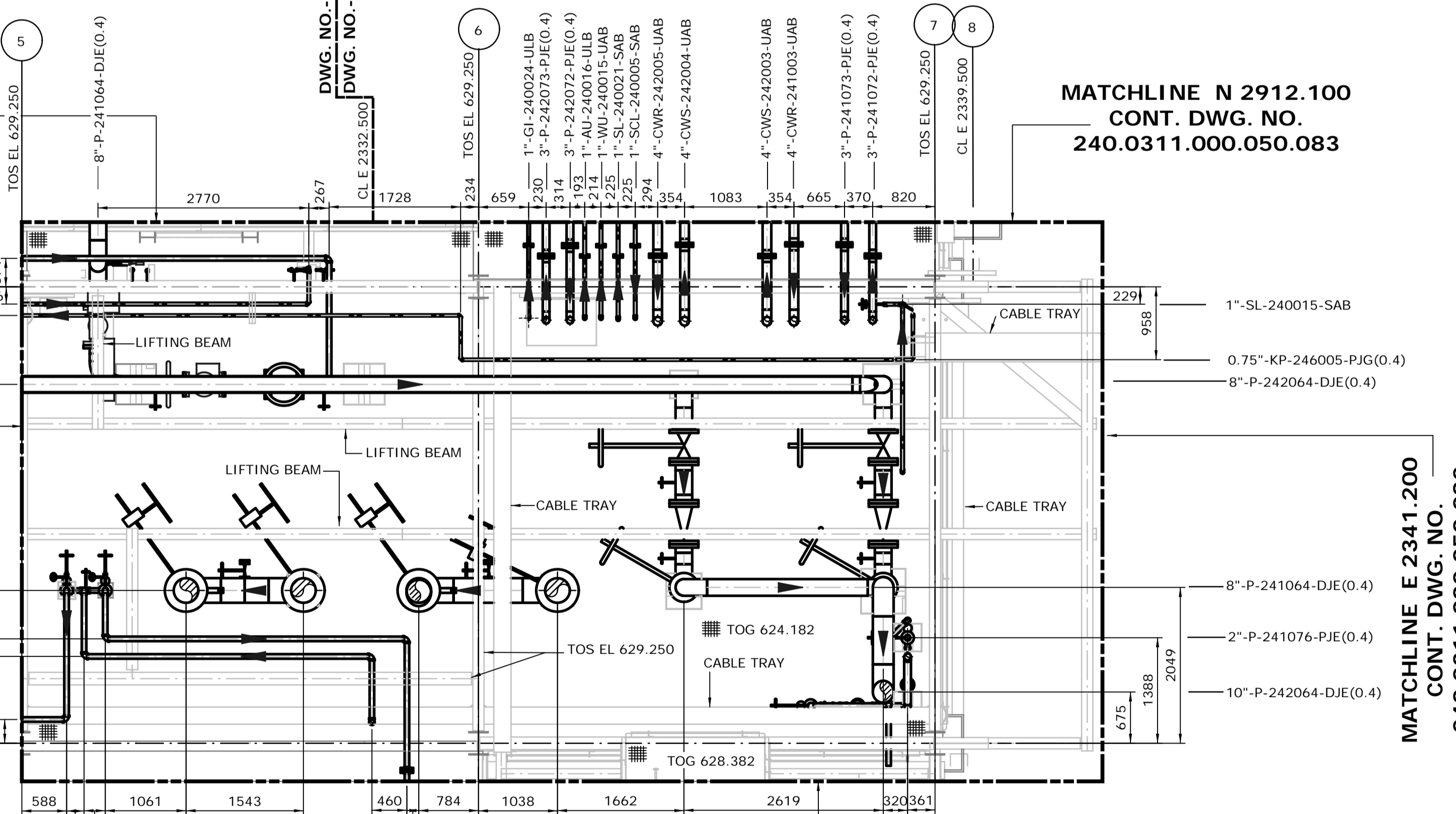
MATCHLINE N 2912.100  
CONT. DWG. NO.  
240.0311.000.050.091

MATCHLINE E 2327.000  
CONT. DWG. NO.  
240.0311.000.050.078

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.085



**UPPER EAST PART**  
FROM EL. 629.500 TO 631.300  
SCALE: 1:50



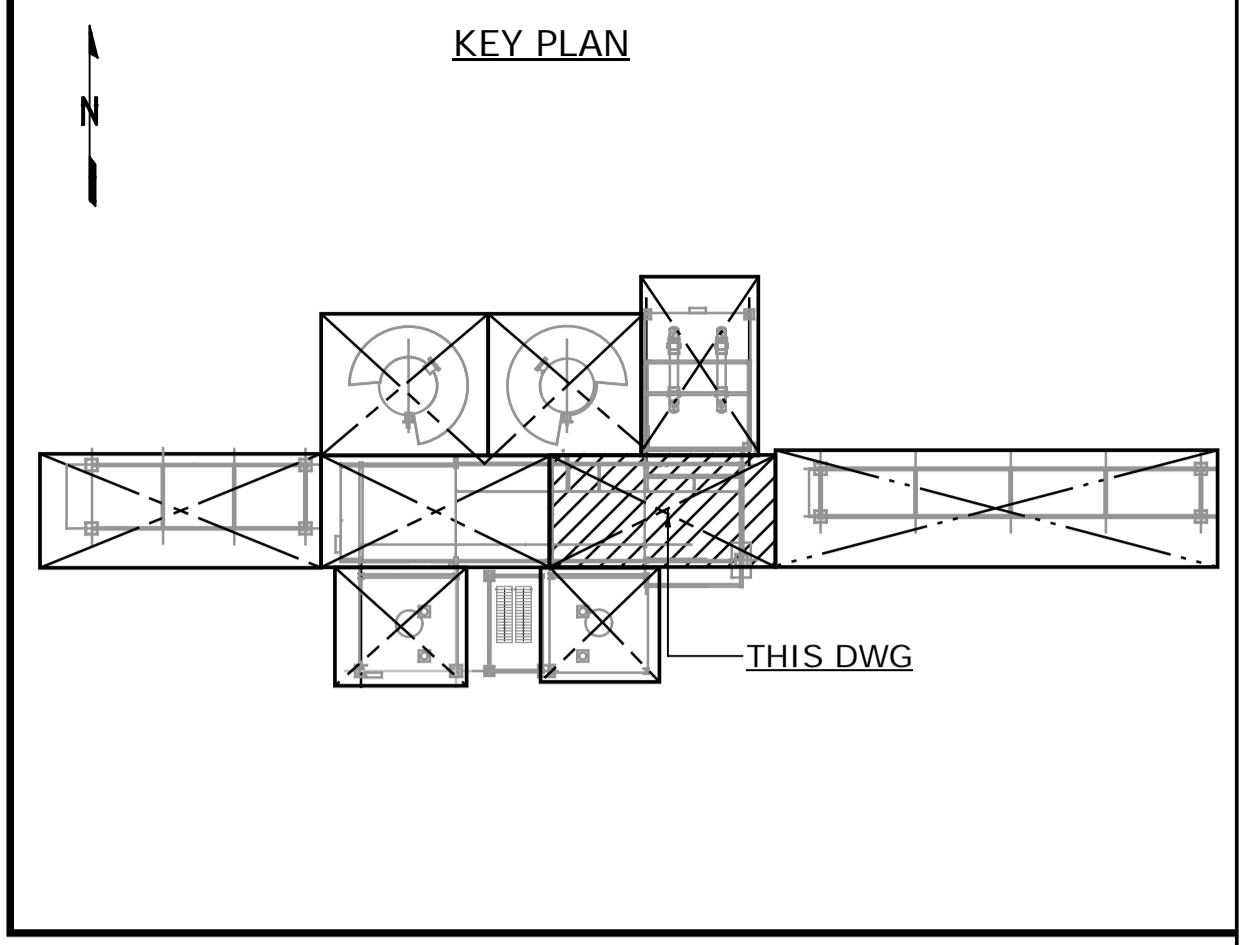
**LOWER EAST PART**  
FROM EL. 624.000 TO 629.500  
SCALE: 1:50

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.085

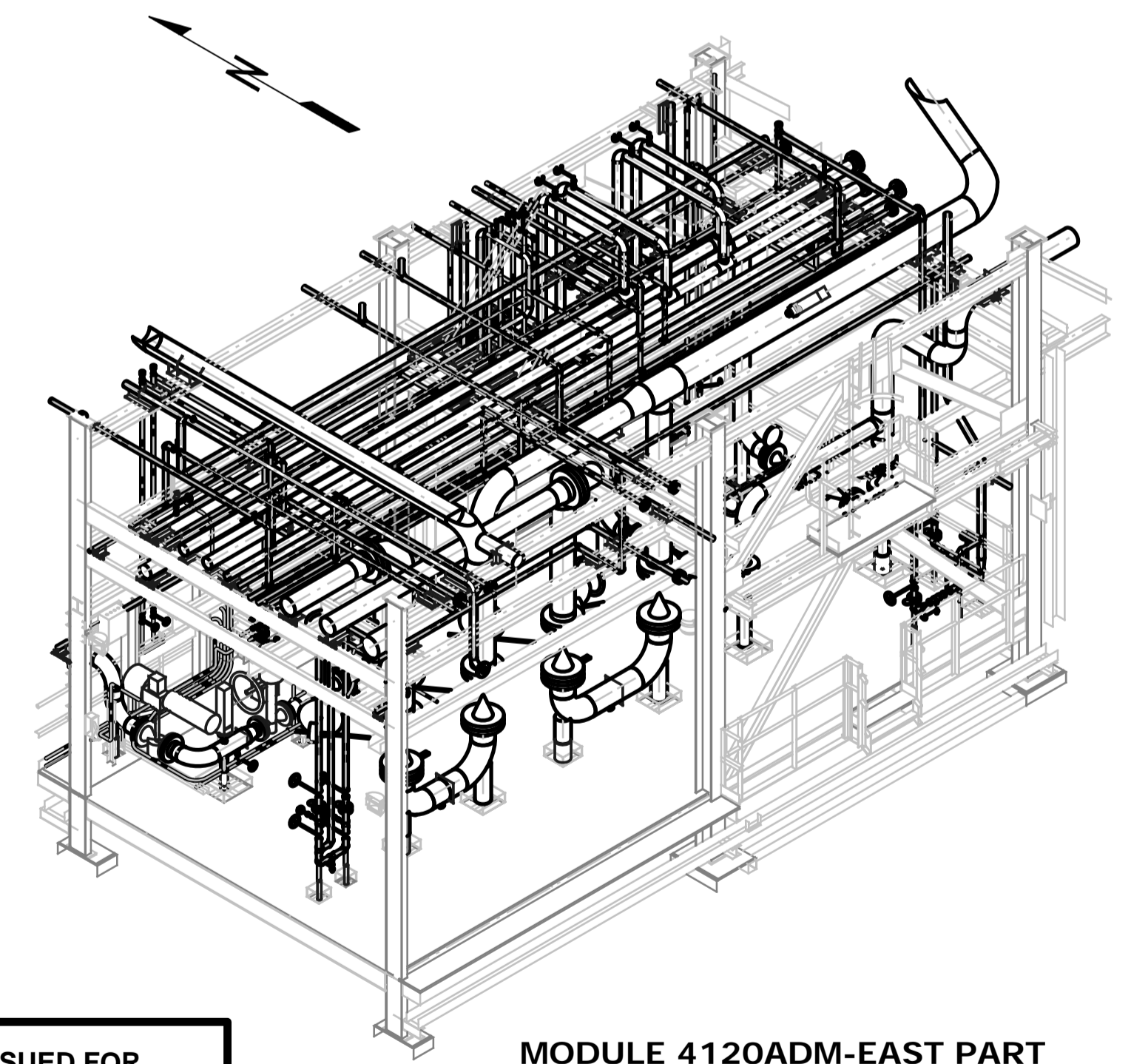
MATCHLINE N 2912.100  
CONT. DWG. NO.  
240.0311.000.050.083

- 3"-P-241072-PJE(0.4)
- 2"-WU-240011-UAB
- 2"-P-242076-PJE(0.4)
- 6"-CWR-242003-UAB
- 6"-CWS-240015-UAB
- 4"-SL-240016-SAB
- 2"-SCL-240001-SAB
- 2"-AU-240013-ULB
- 2"-GI-240018-ULB
- 2"-AI-240012-ULB
- 16"-P-246080-DAG
- 2"-P-241076-PJE(0.4)
- 2"-P-241076-PJE(0.4)
- 3"-P-241076-PJE(0.4)
- 10"-P-242064-DJE(0.4)

MATCHLINE E 2341.200  
CONT. DWG. NO.  
240.0311.000.050.082



- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.

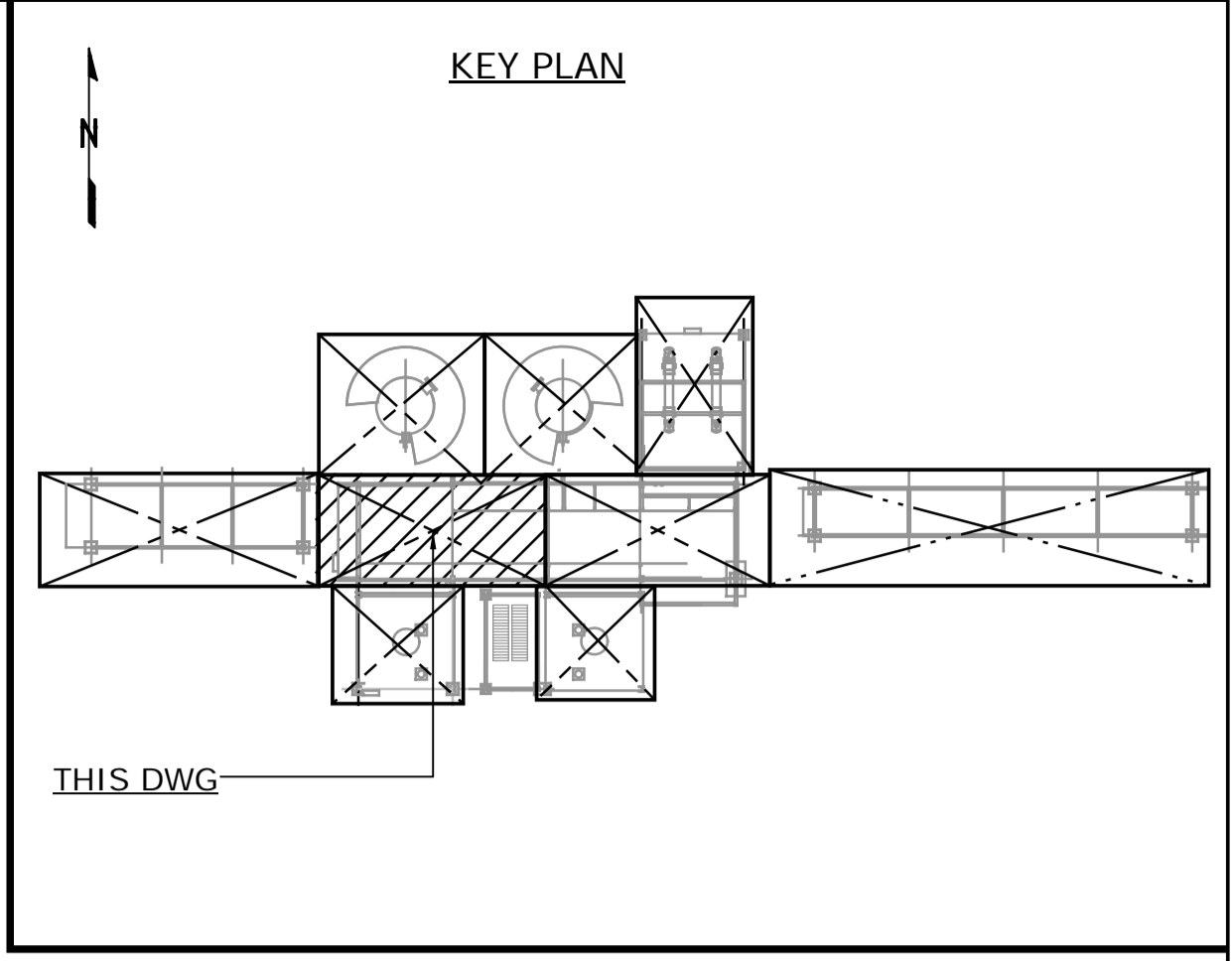
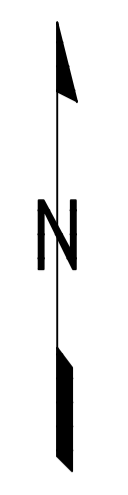


**MODULE 4120ADM-EAST PART**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

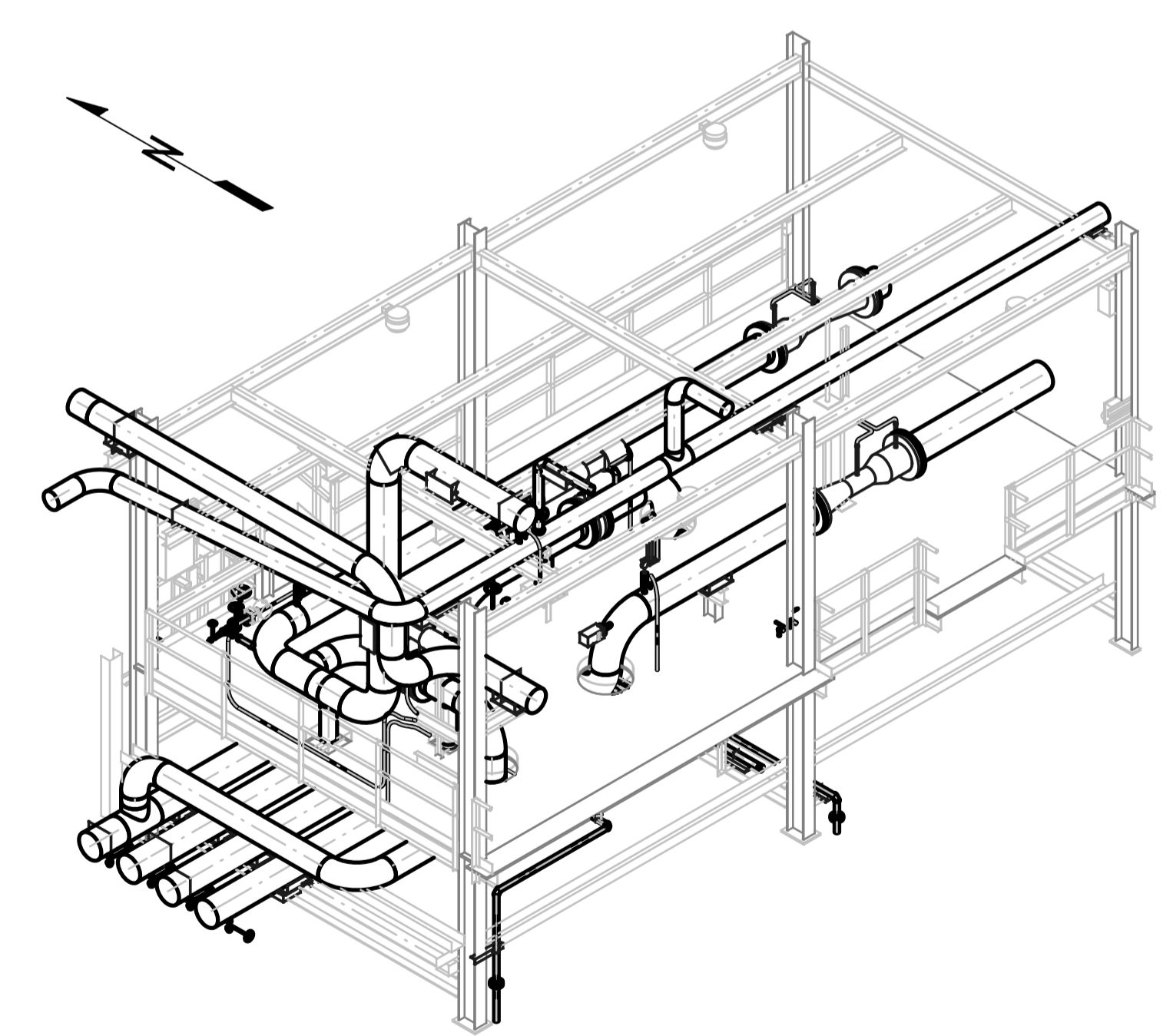
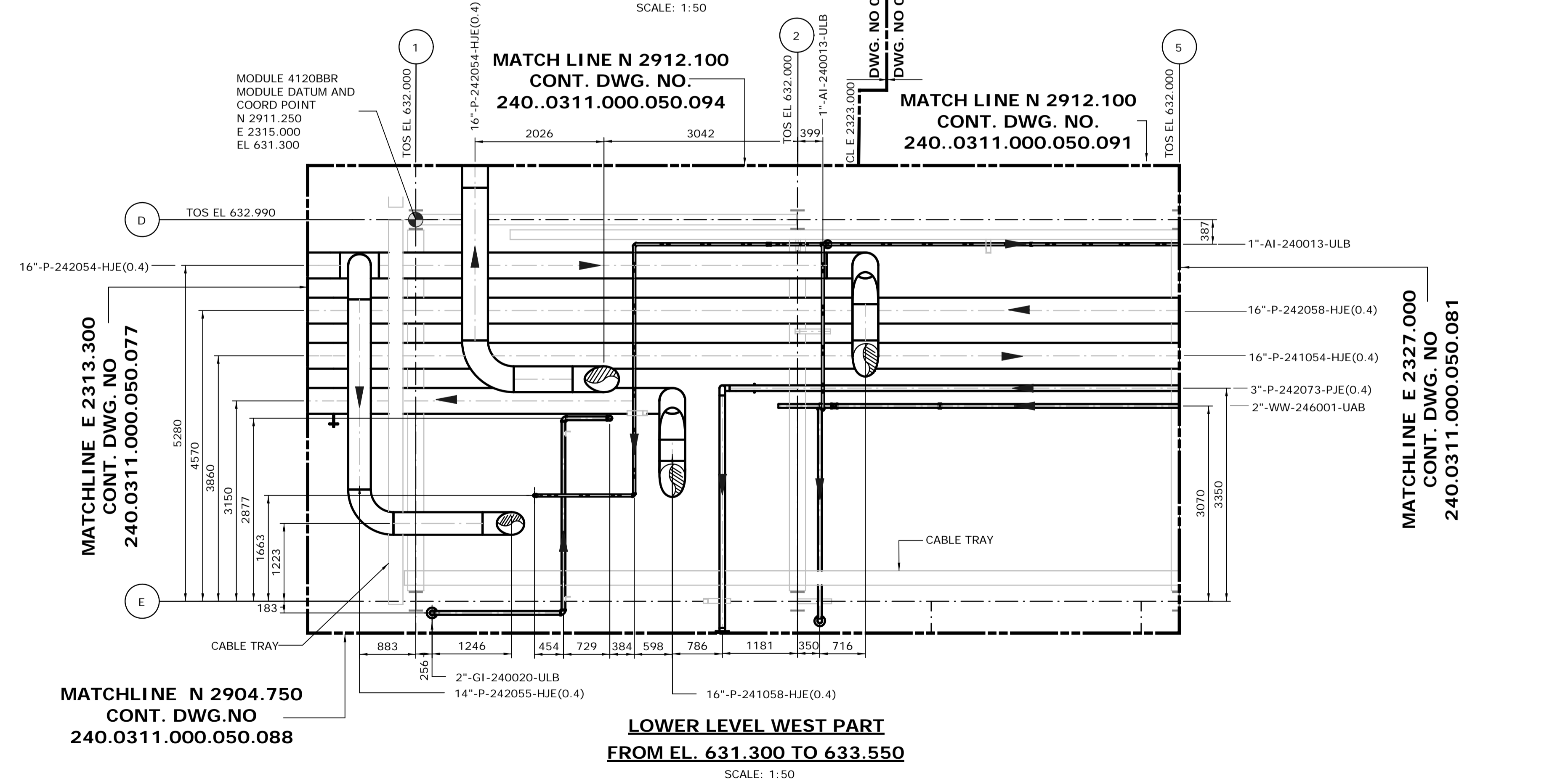
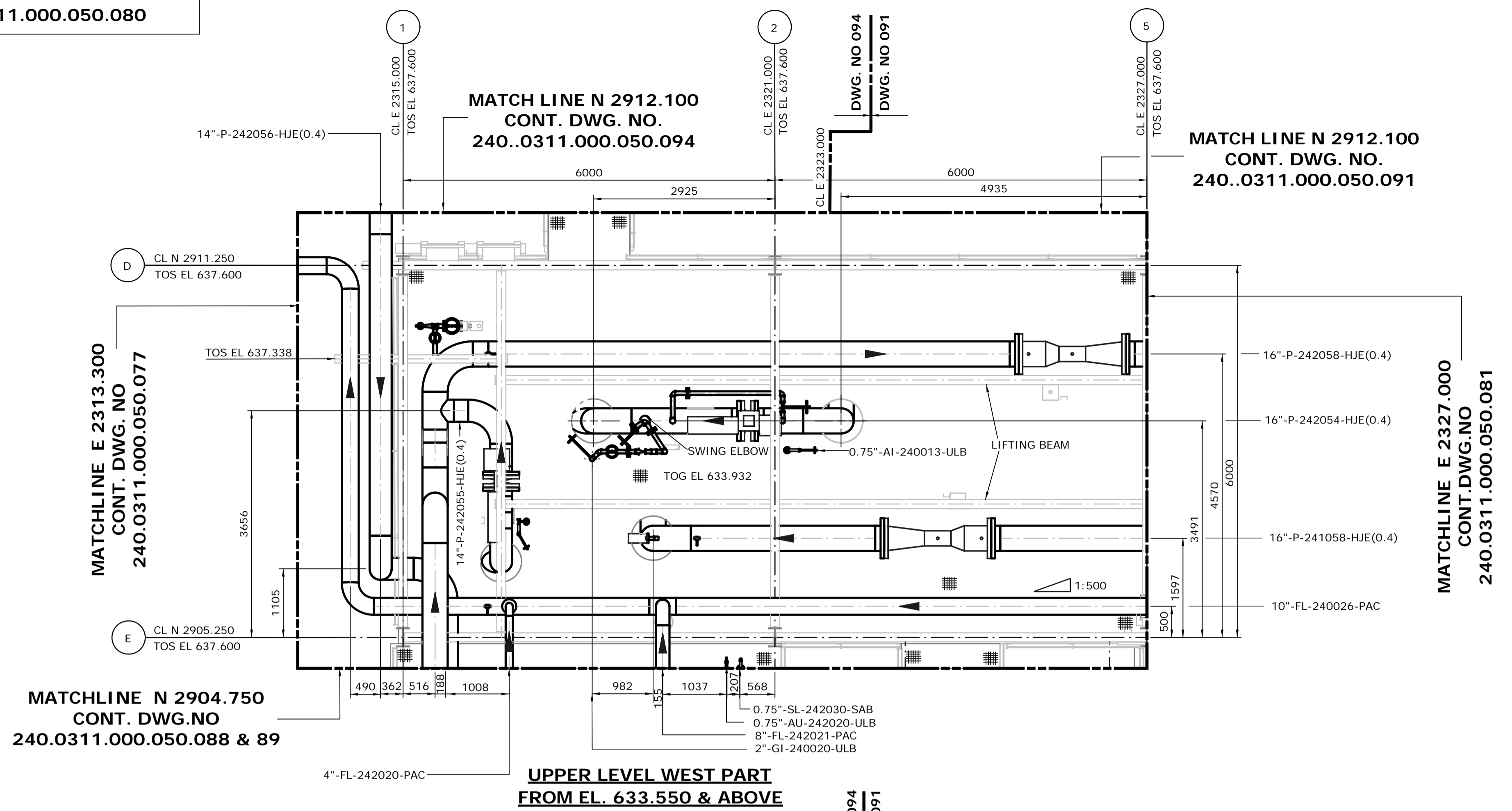
**ISSUED FOR CONSTRUCTION**  
14 Mar 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
2	13/03/14	PS	REISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	DRAWN PS	CHECKED DK	LEAD BH	APPROVED N/A	CLIENT APPROVED N/A	SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.079</b>	REV. 2
HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120ADM EAST PART PLAN FROM EL. 624.000 TO 631.300								
PERMIT STAMP			ENGINEER STAMP					



- NOTES:**
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  2. HIGH POINT FINISHED SURFACE EL. 624.000M.



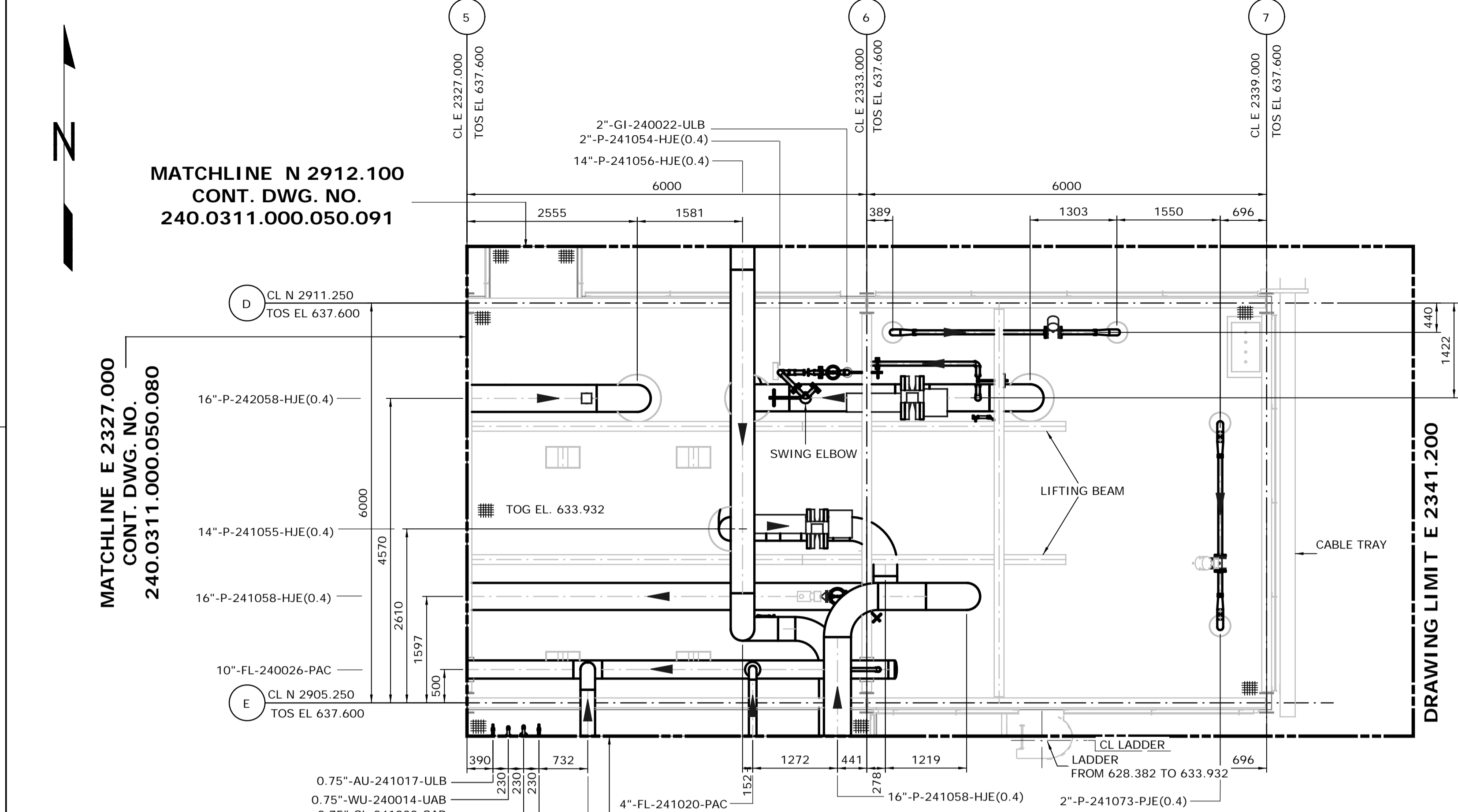
**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

**MODULE 4120BBR-WEST PART**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

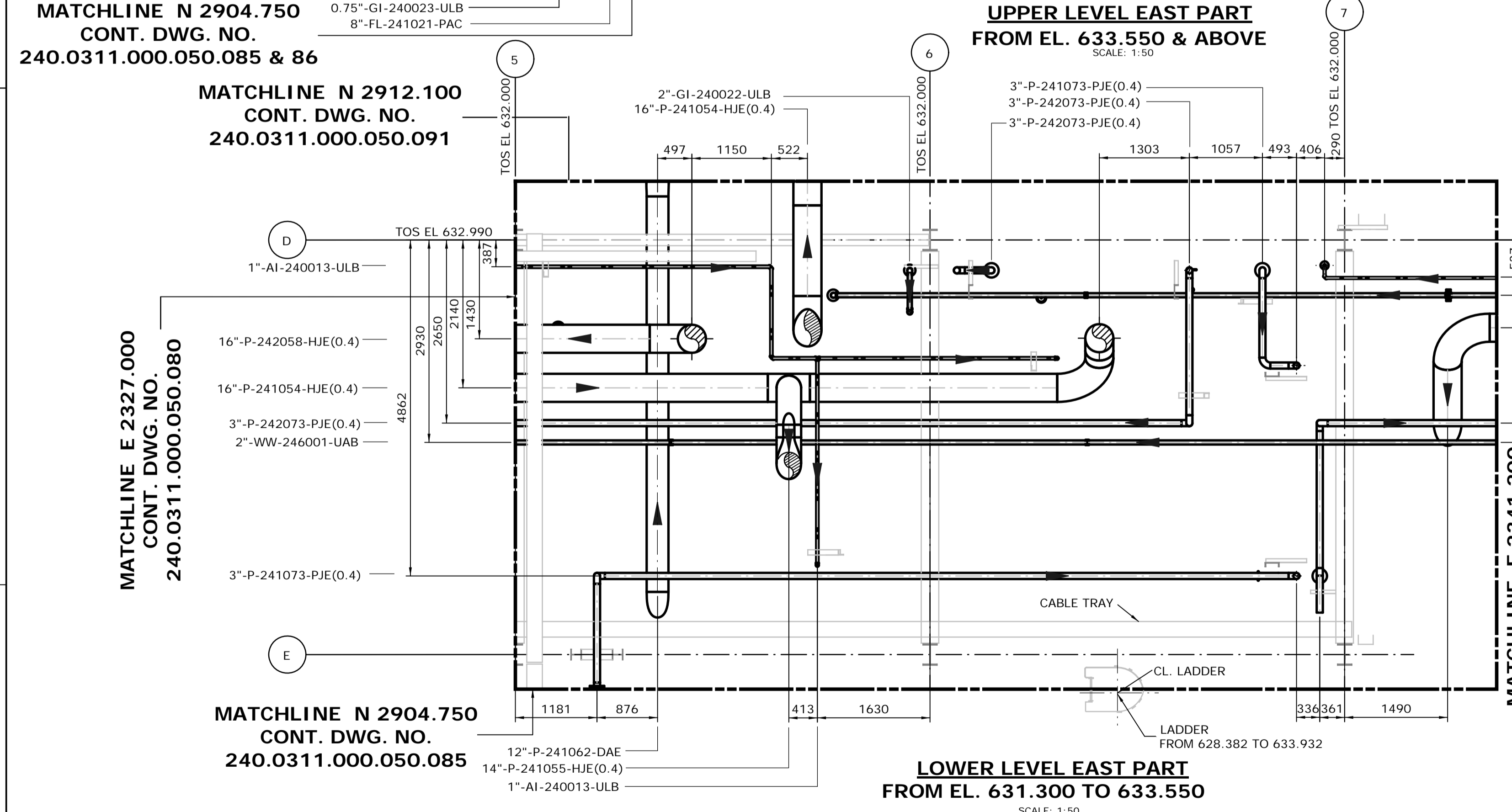
NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120BBR WEST PART PLAN FROM EL. 631.300 & ABOVE	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.080</b>	REV. 1

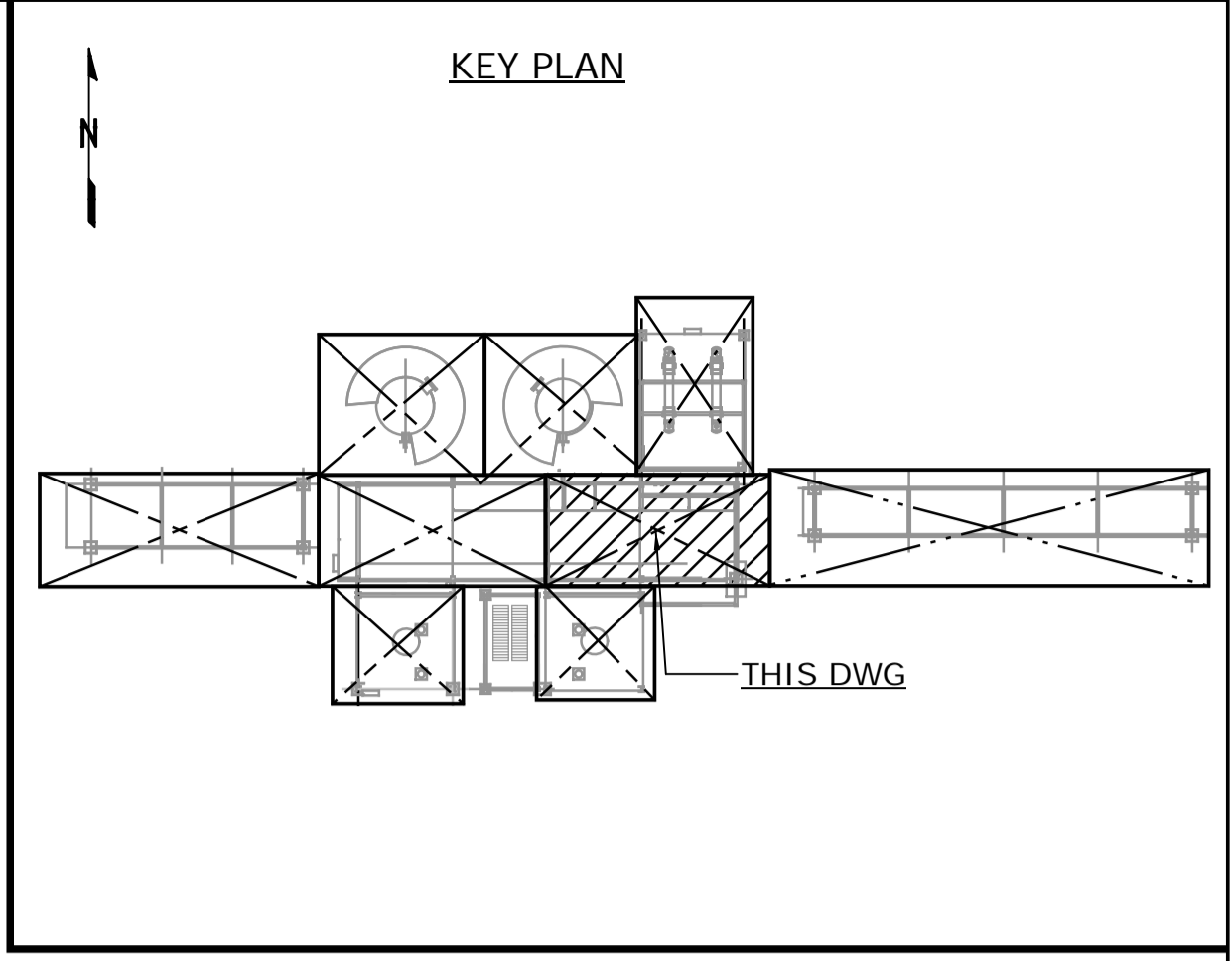




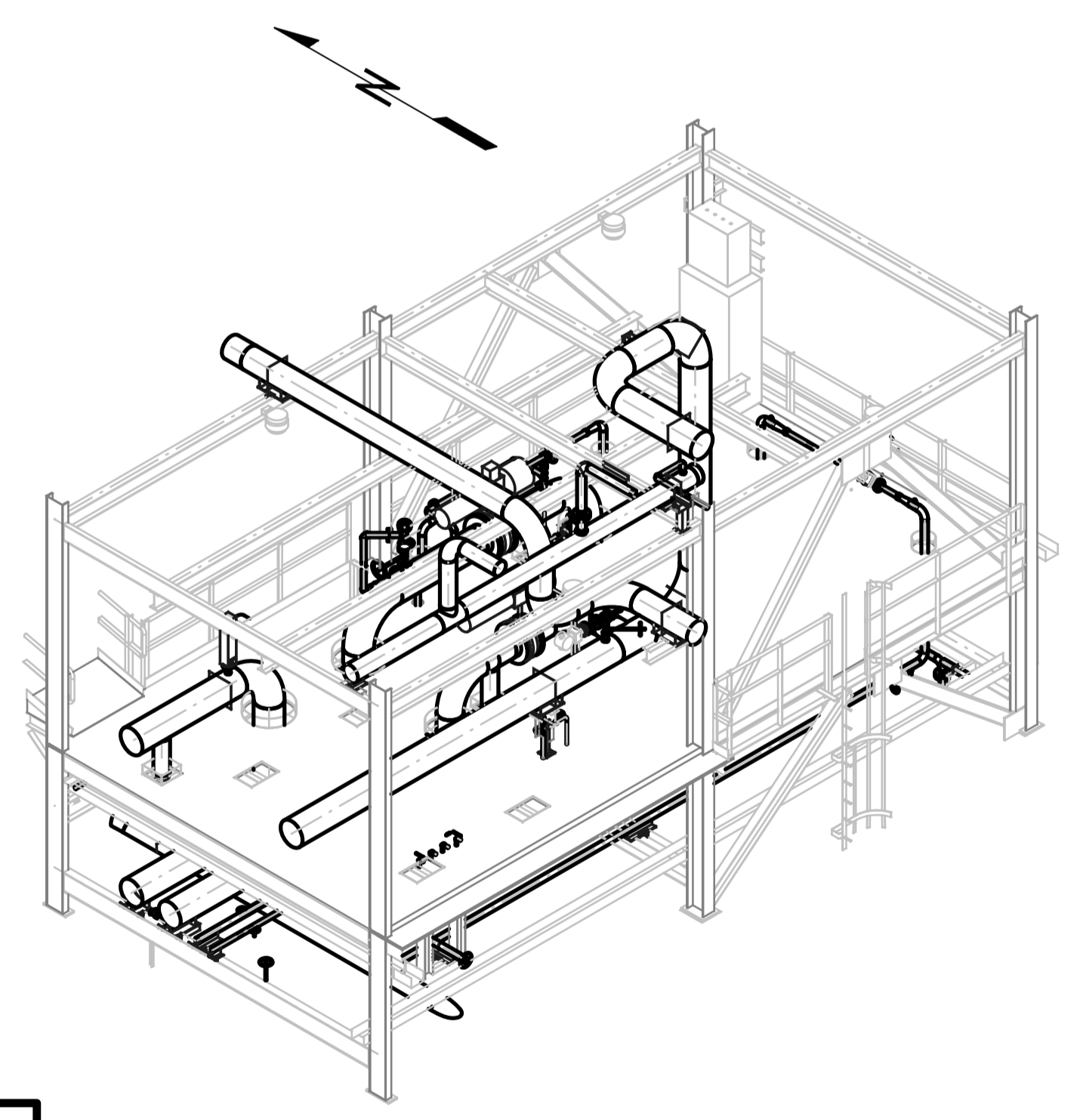
**UPPER LEVEL EAST PART**  
FROM EL. 633.550 & ABOVE  
SCALE: 1:50



**LOWER LEVEL EAST PART**  
FROM EL. 631.300 TO 633.550  
SCALE: 1:50



- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.

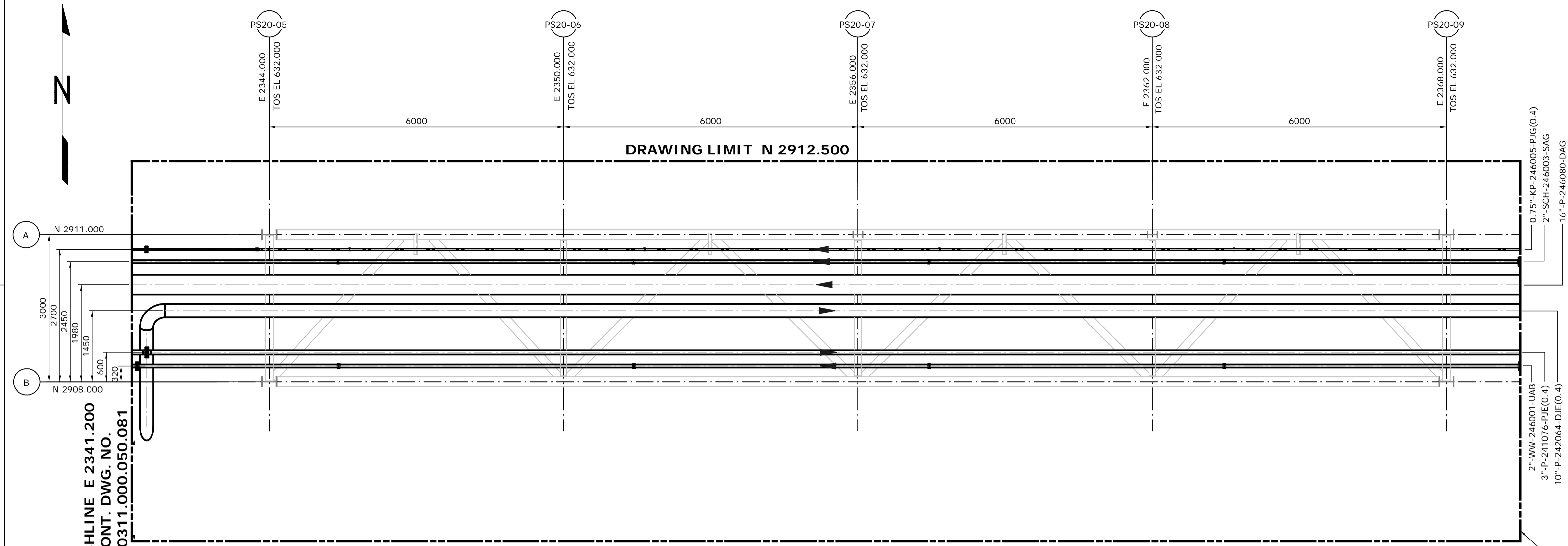


**MODULE 4120BBR-EAST PART**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

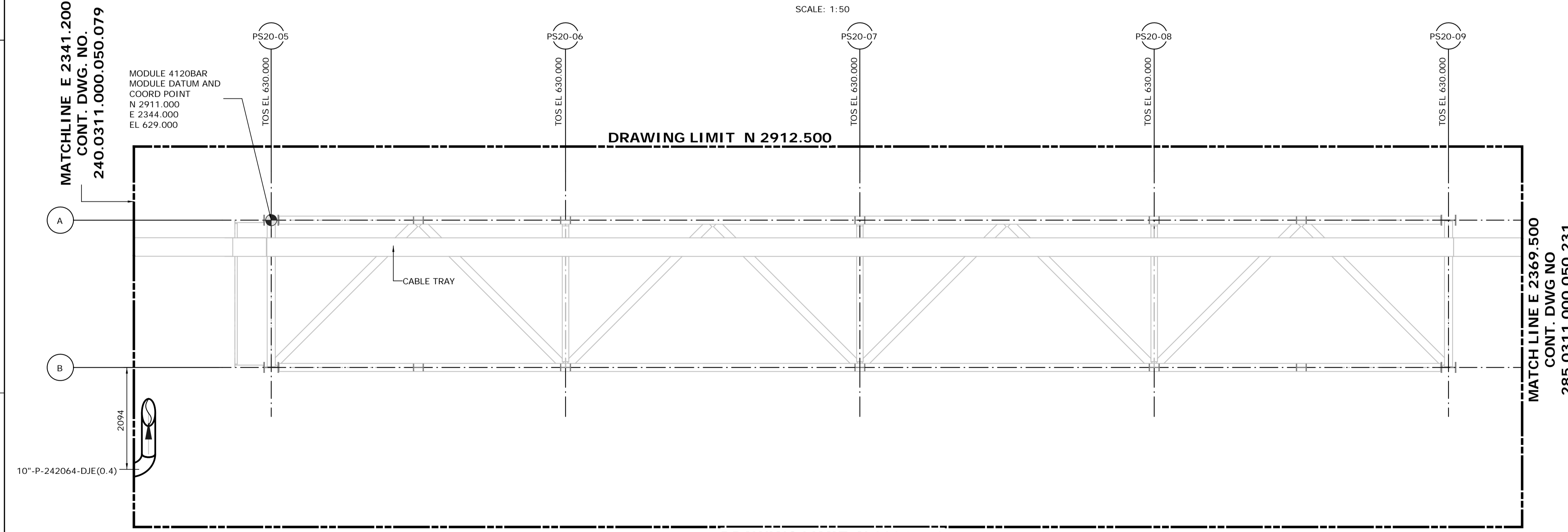
NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	DRAWN PS	CHECKED DK	LEAD BH	APPROVED N/A	CLIENT APPROVED N/A	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT	
								HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120BBR EAST PART PLAN FROM EL. 631.300 & ABOVE
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.081</b>		REV. 1					



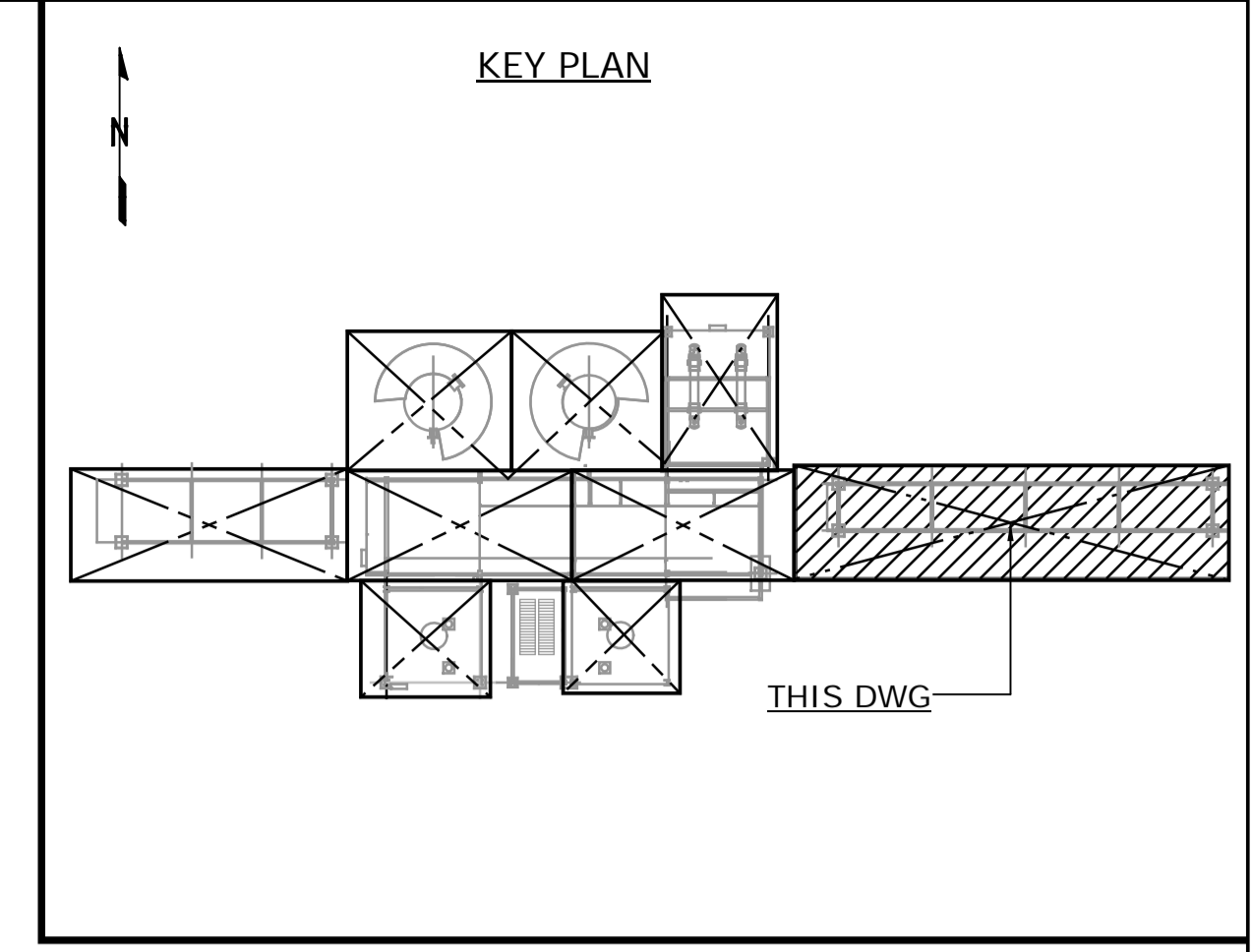
**DRAWING LIMIT N 2904.750**  
**UPPER LEVEL**  
**FROM EL. 630.900 & ABOVE**

SCALE: 1:50

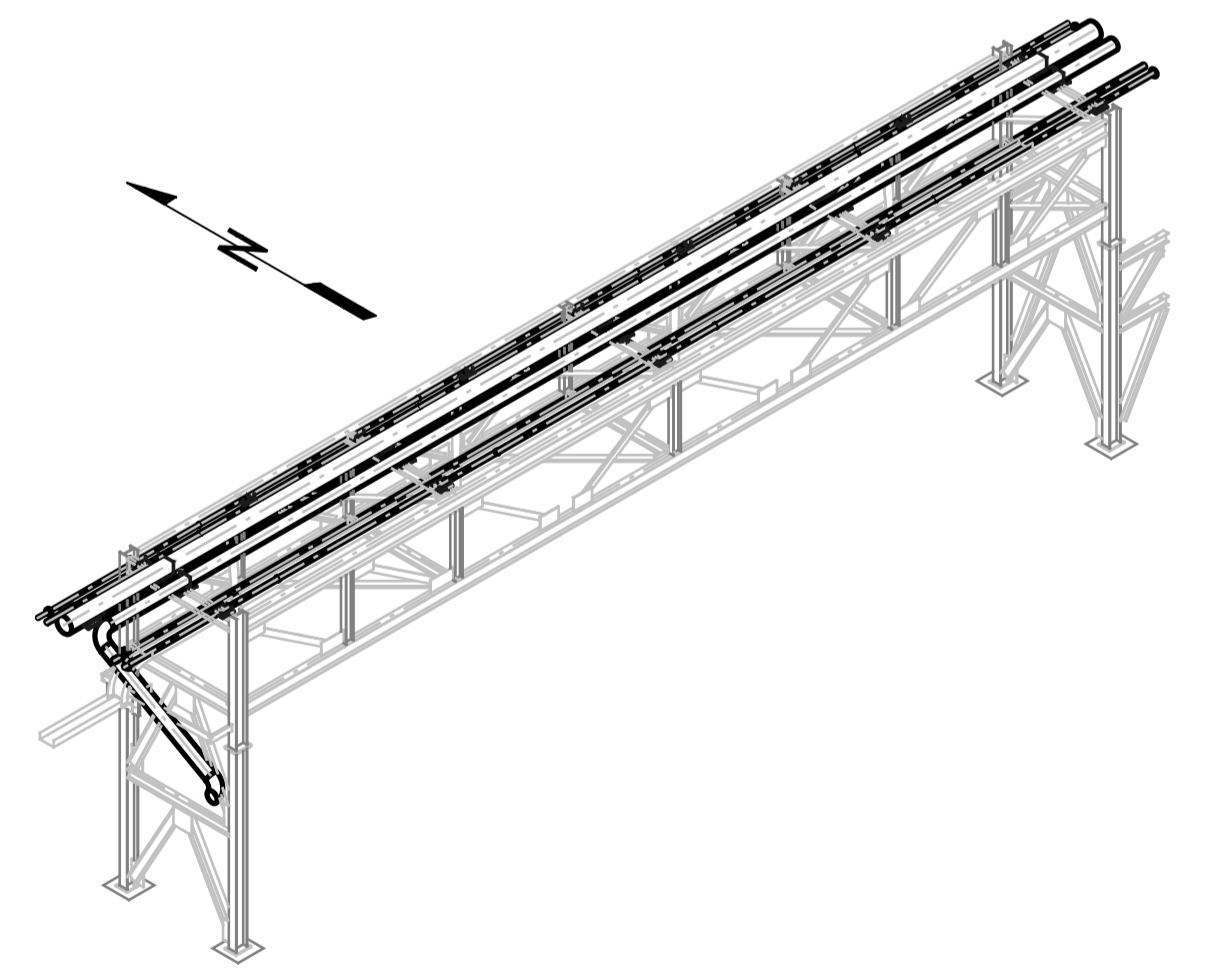


**DRAWING LIMIT N 2904.750**  
**LOWER LEVEL**  
**FROM EL. 629.000 TO 630.900**

SCALE: 1:50



- NOTES:**
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  2. HIGH POINT FINISHED SURFACE EL. 624.000M.

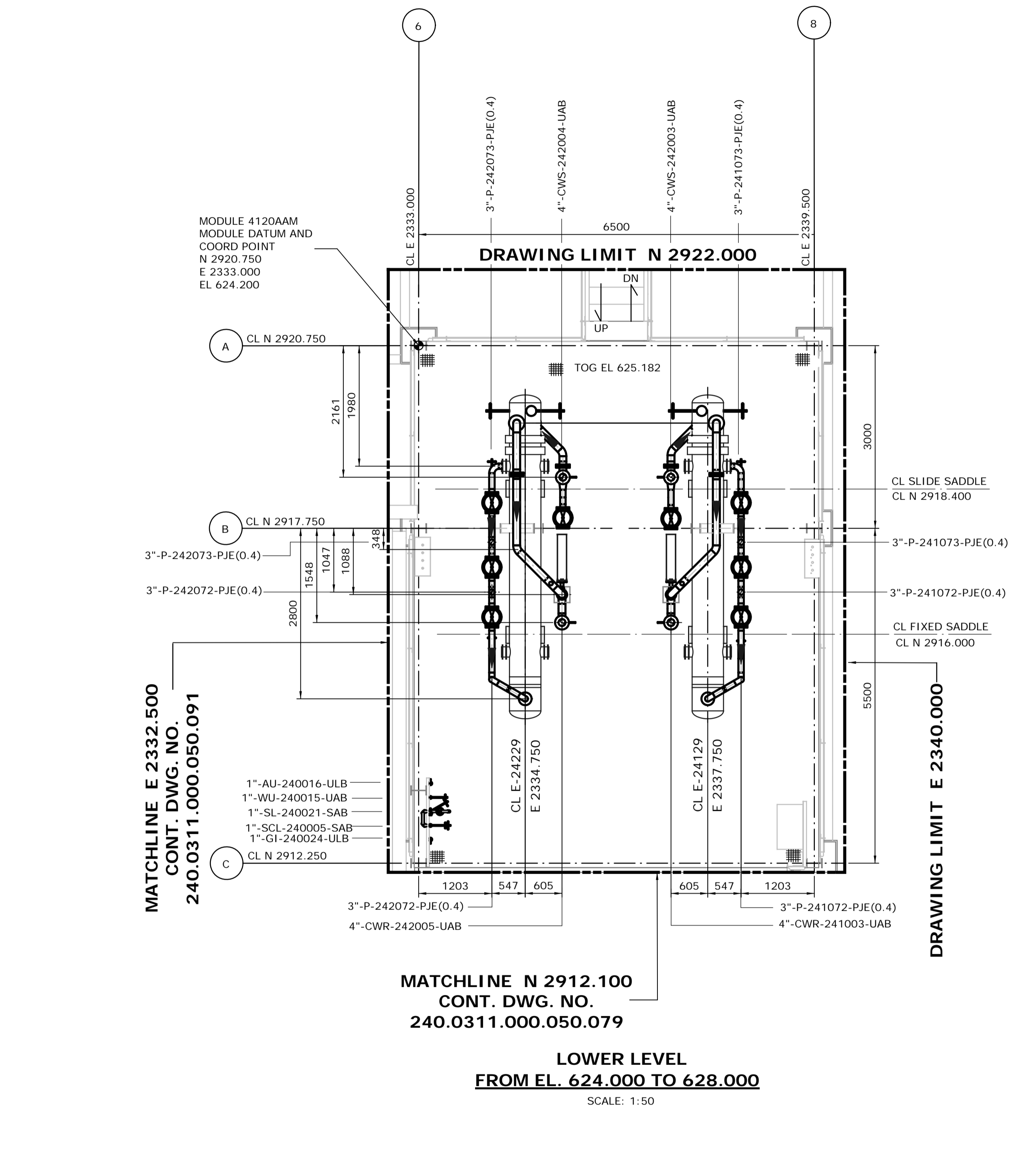
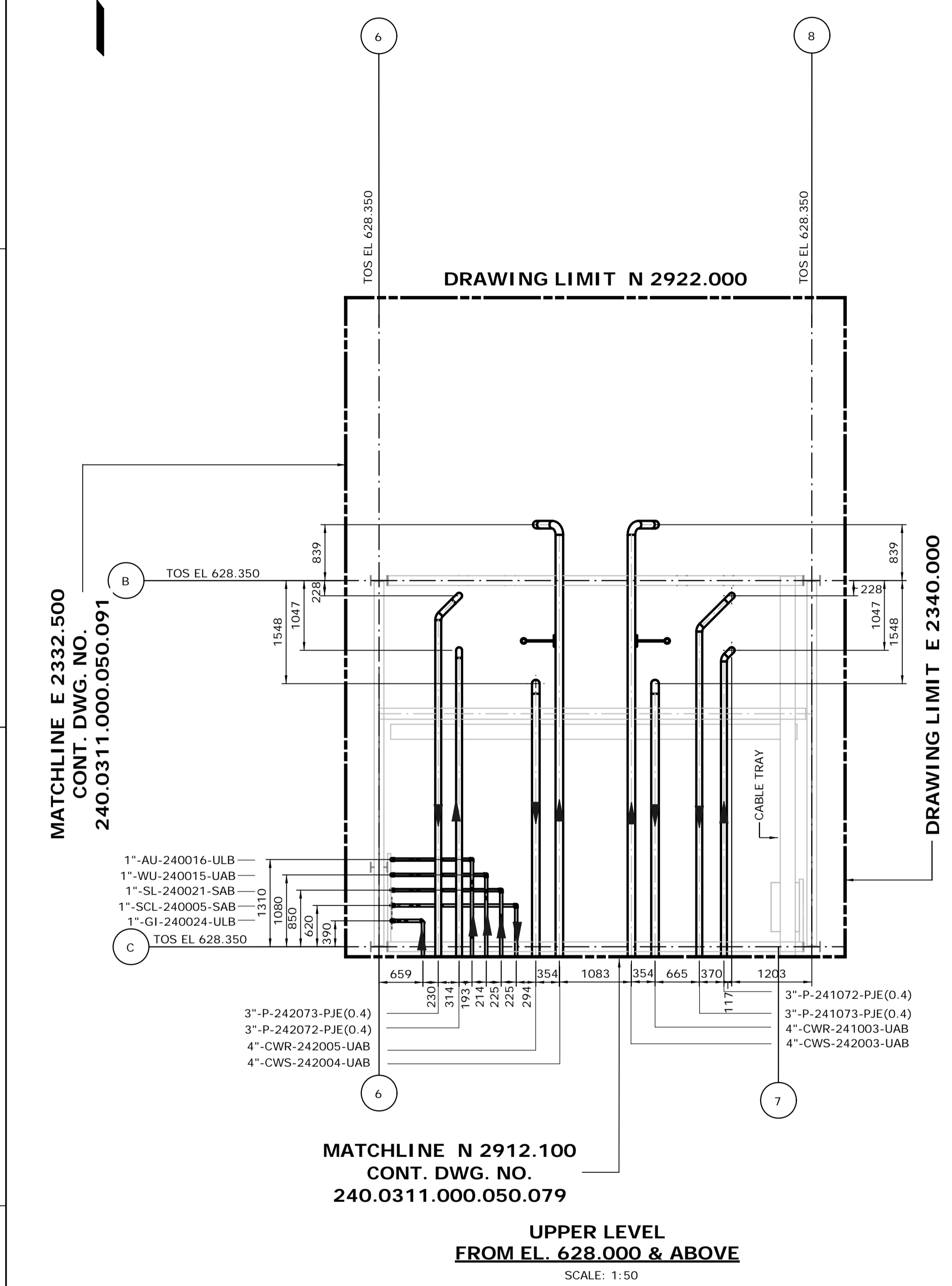
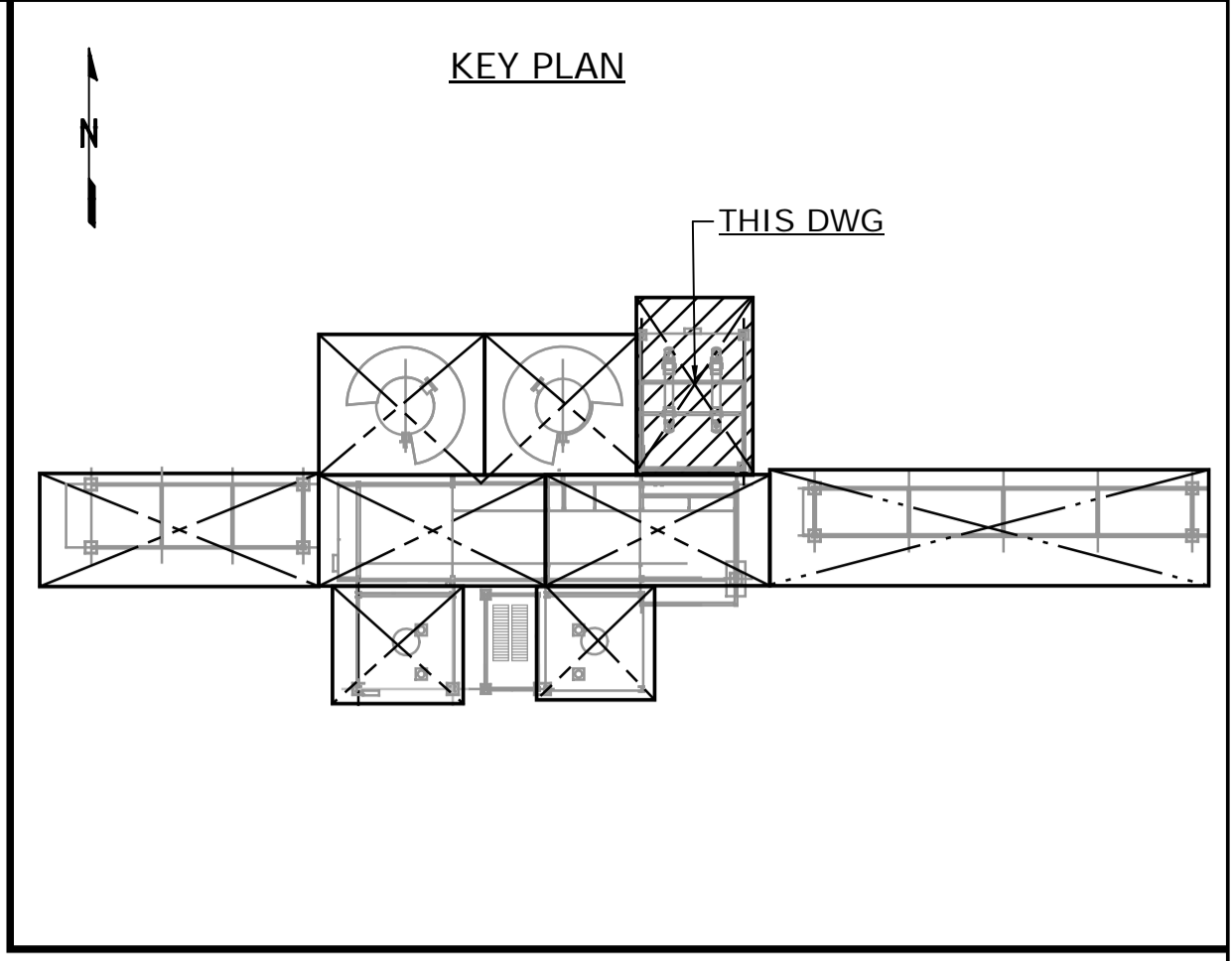
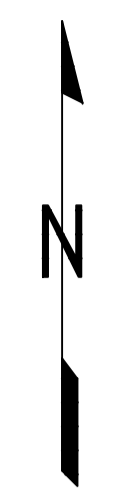


**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

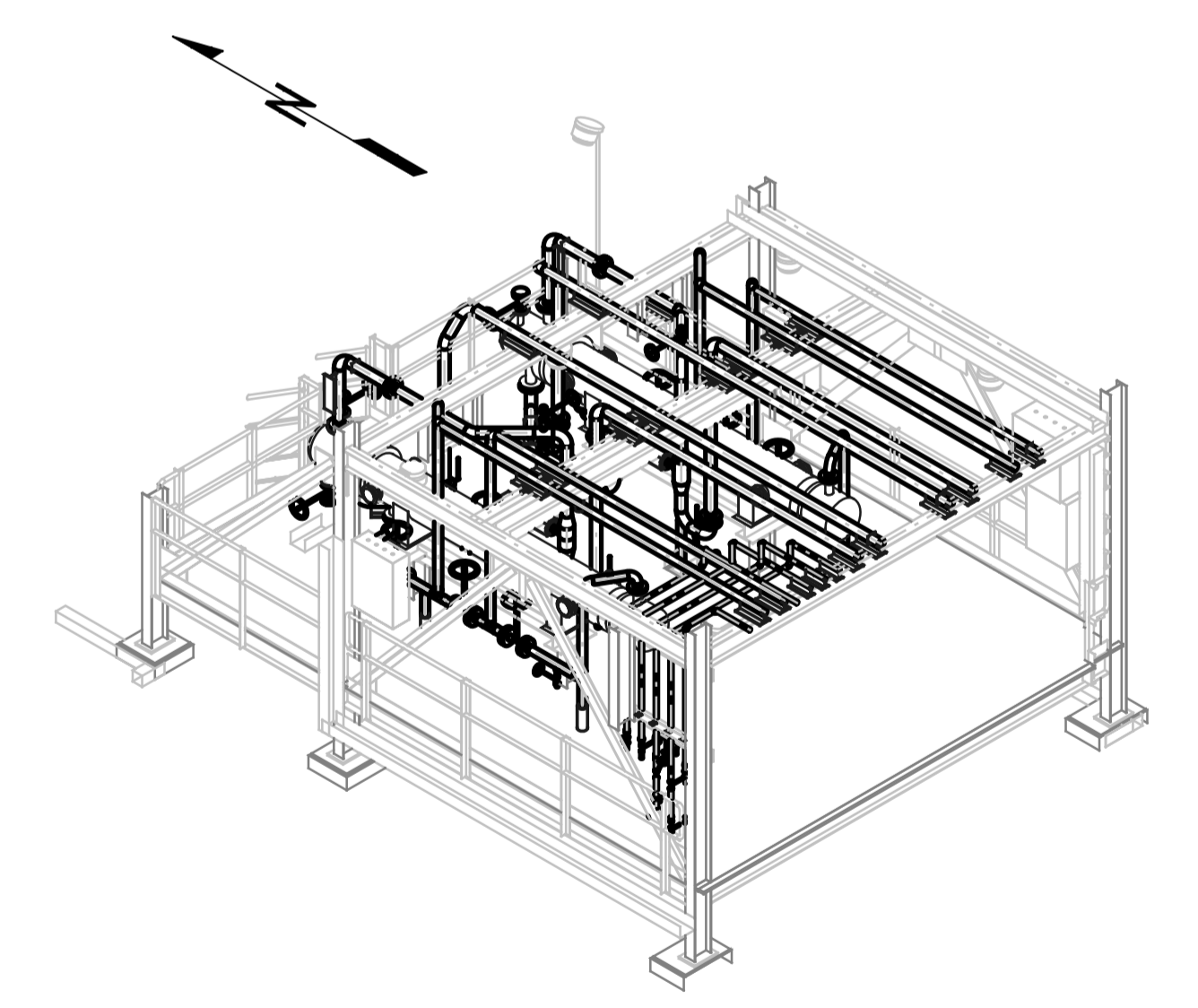
**MODULE 4120BAR**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS	PERMIT STAMP	ENGINEER STAMP
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN		

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT	
DRAWN PS			
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120BAR PLAN FROM EL. 629.000 & ABOVE		
LEAD BH			
APPROVED N/A			
CLIENT APPROVED N/A	SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.082</b>	REV. 1



- NOTES:**
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  2. HIGH POINT FINISHED SURFACE EL. 624.000M.



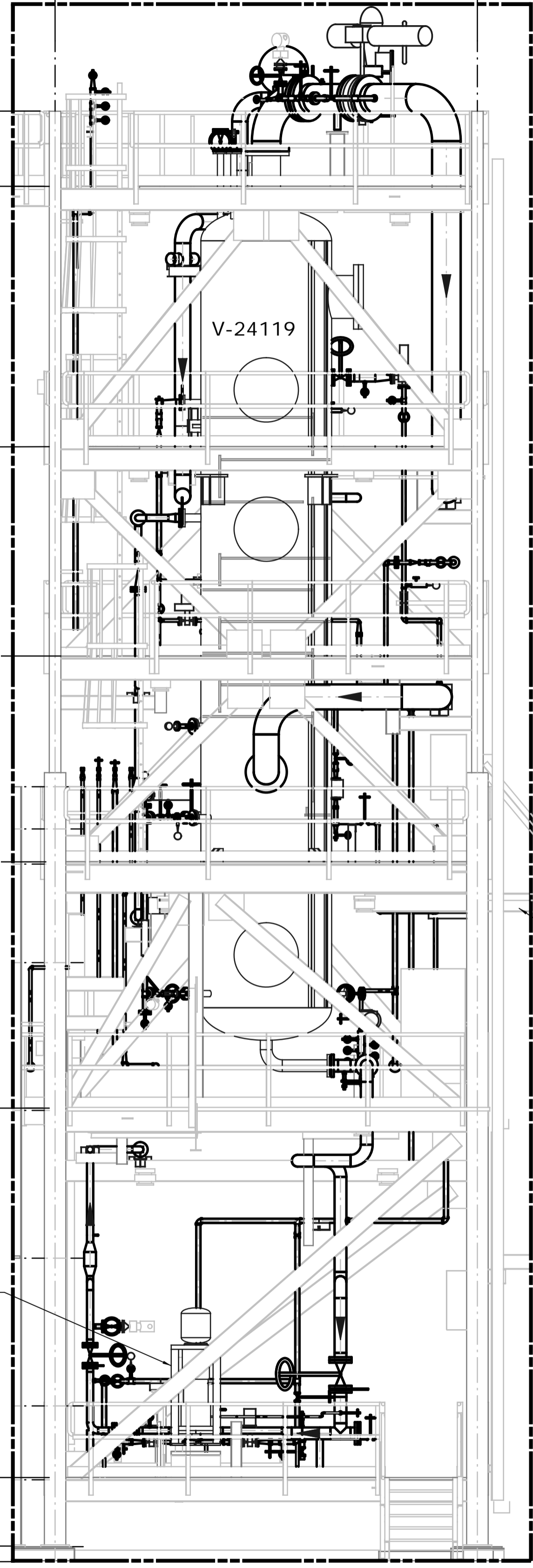
**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

**MODULE 4120AAM**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

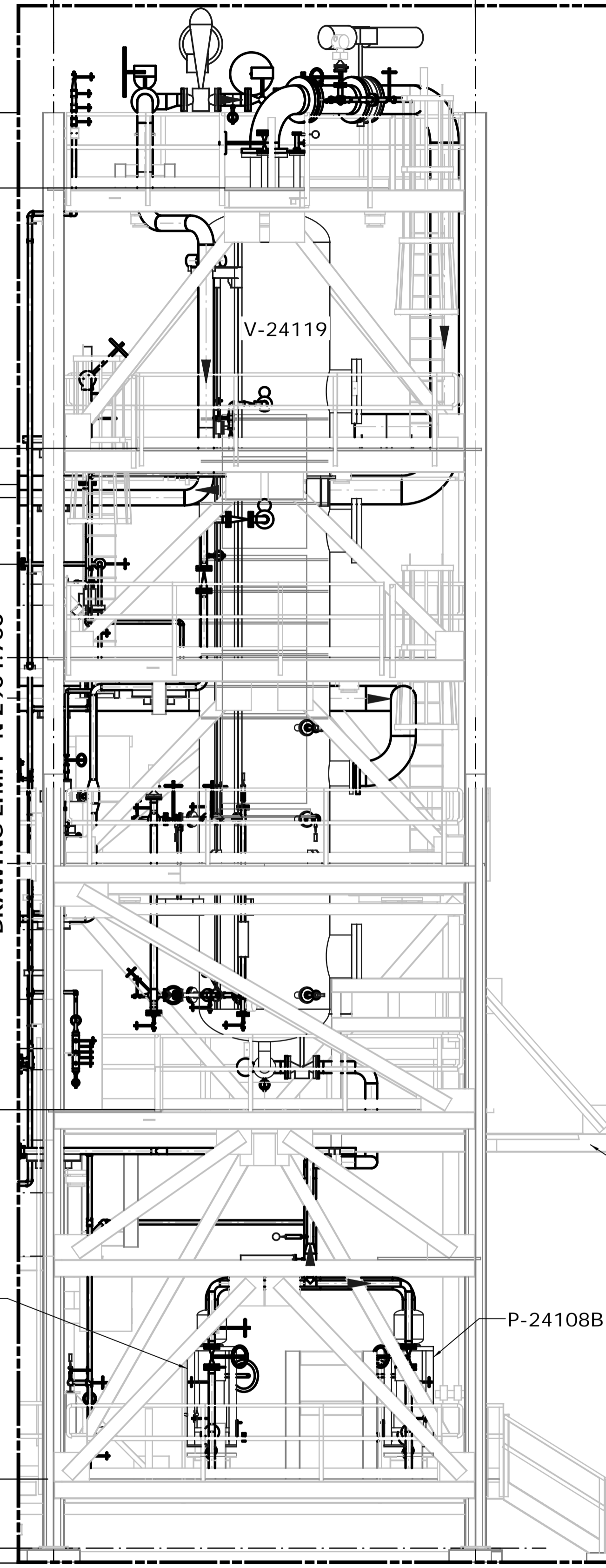
DATE 13/02/26	DRAWN PS	CHECKED DK	LEAD BH	APPROVED N/A	CLIENT APPROVED N/A	SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.083</b>	REV. 1
<b>HYDROGEN MANUFACTURING UNIT</b> <b>ABOVE GROUND PIPING PLAN</b> <b>MODULE 4120AAM</b> <b>PLAN FROM EL. 624.000 &amp; ABOVE</b>								

5  
CL E 2327.000  
**DRAWING LIMIT EL. 646.100**  
CL E 2333.000  
6

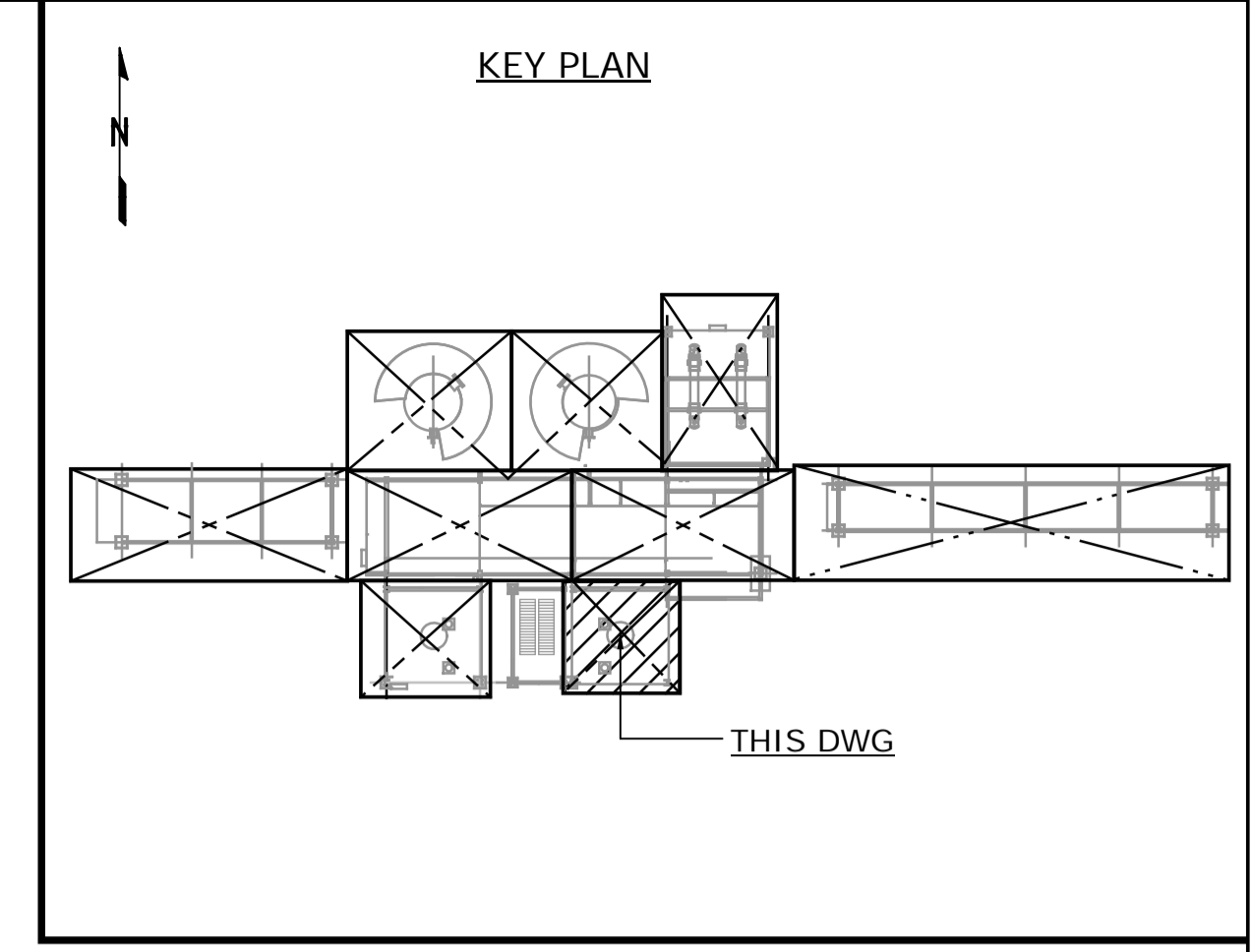


**DRAWING LIMIT EL. 624.000**  
**LOOKING NORTH**  
SCALE: 1:50

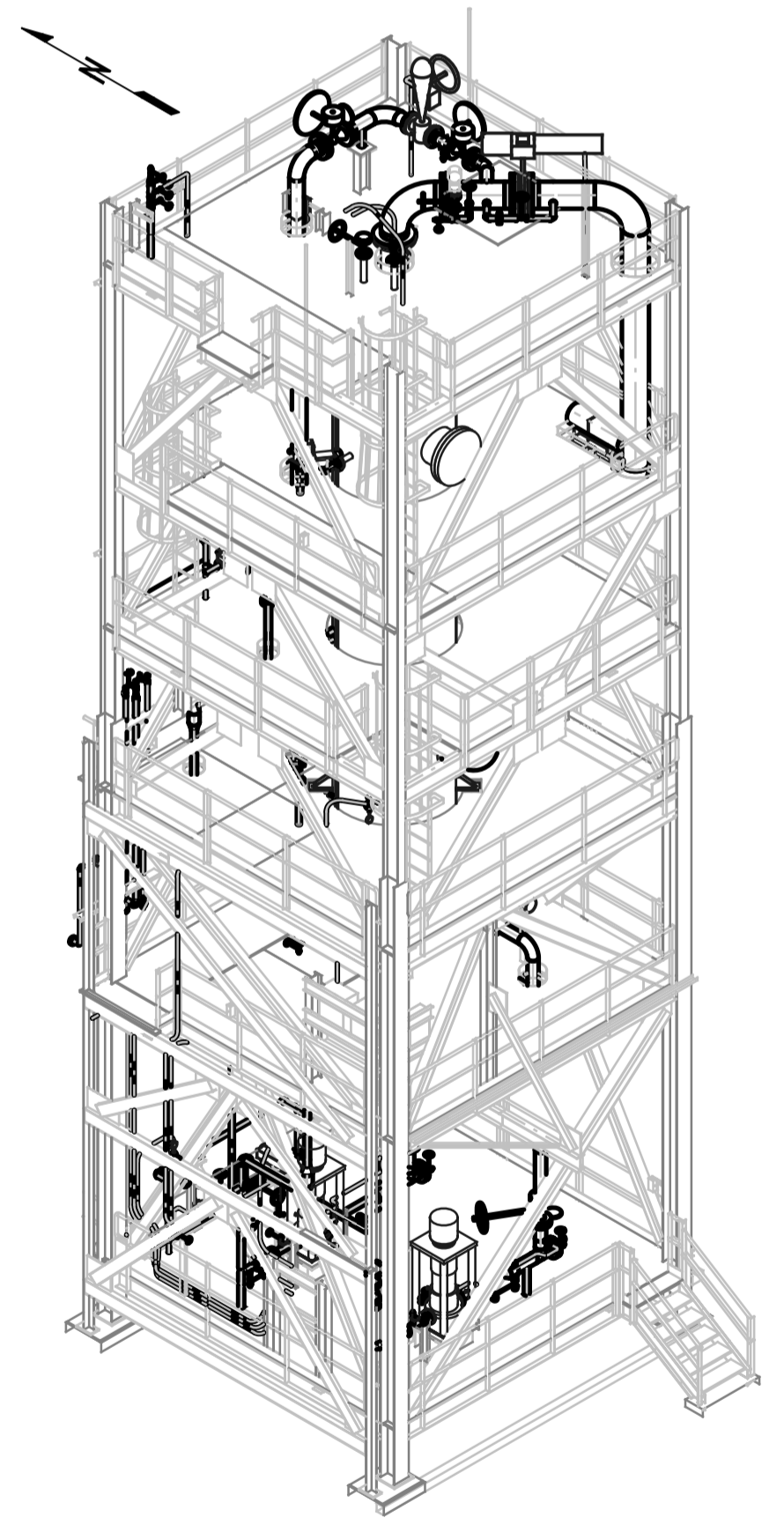
3  
CL N 2904.250  
**DRAWING LIMIT EL. 646.100**  
CL N 2898.250  
2  
G



**DRAWING LIMIT EL. 624.000**  
**LOOKING EAST**  
SCALE: 1:50



- NOTES:**
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  2. HIGH POINT FINISHED SURFACE EL. 624.000M.



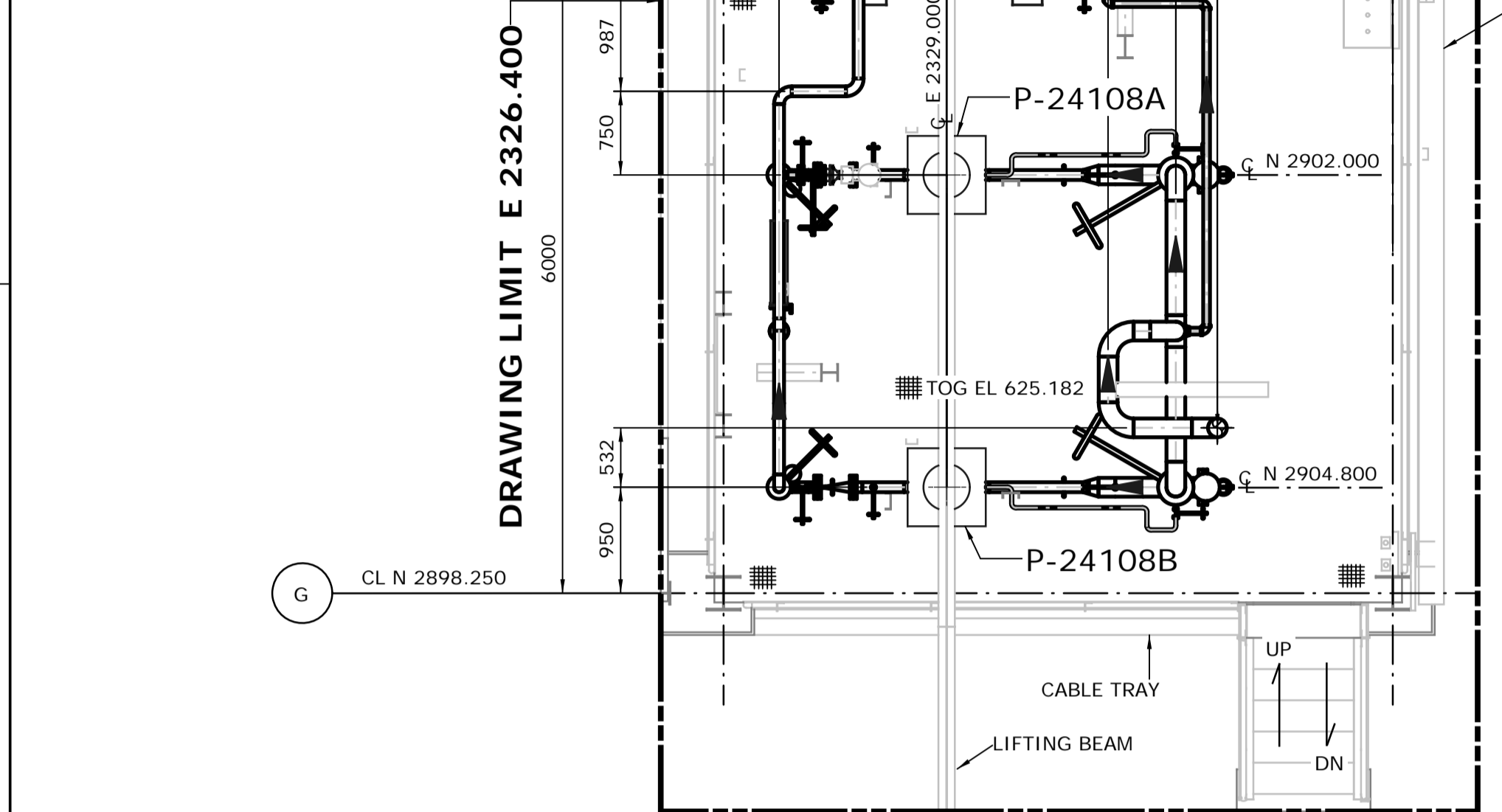
**MODULE 4120AEM**  
LOOKING NORTHEAST (DOWN)  
SCALE: NTS

**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

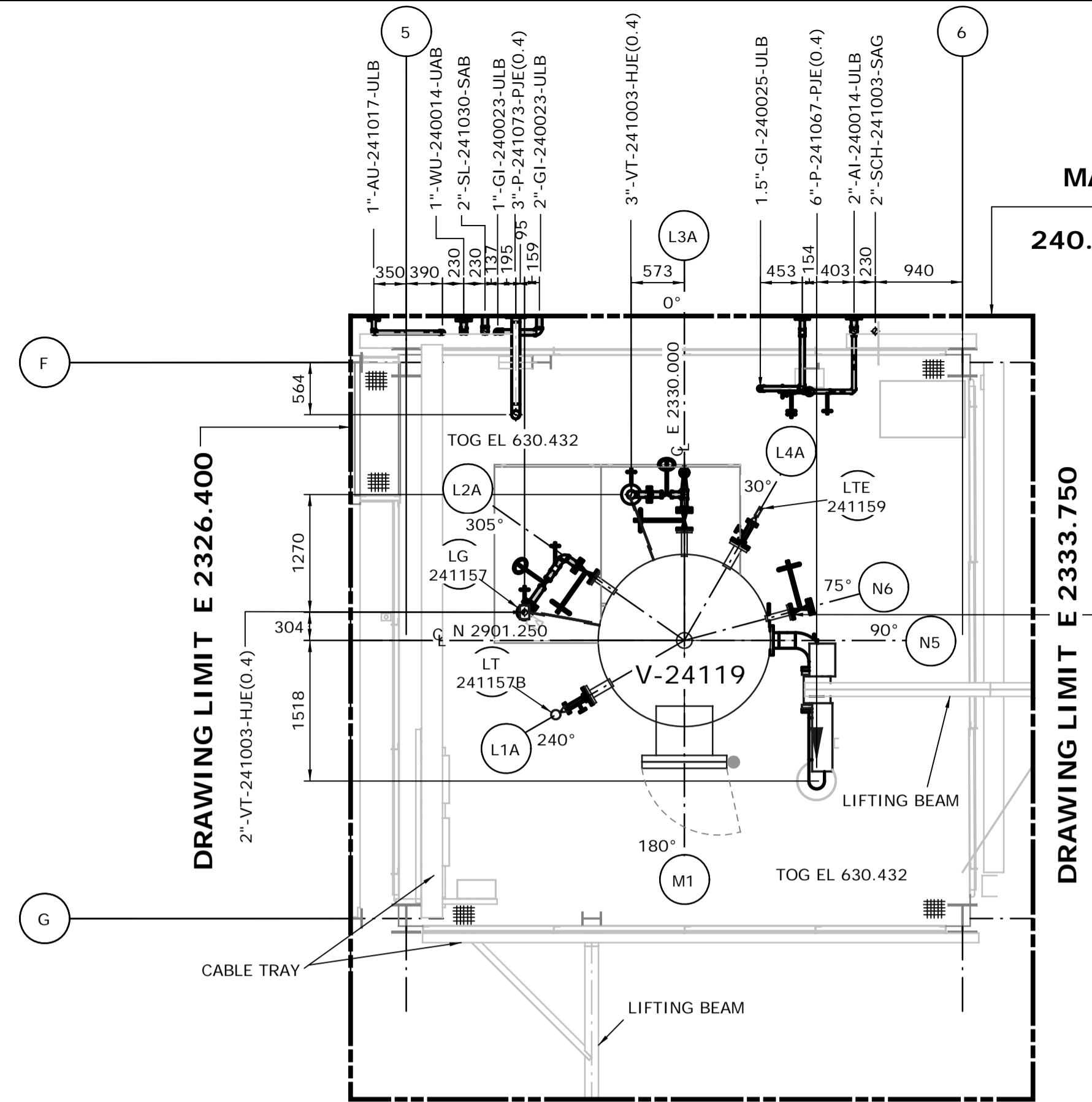
DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120AEM ELEVATION VIEWS	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.084</b>	REV. 1

MODULE 4120AEM  
MODULE DATUM AND  
COORD POINT  
N 2904.250  
E 2327.000  
EL 624.200



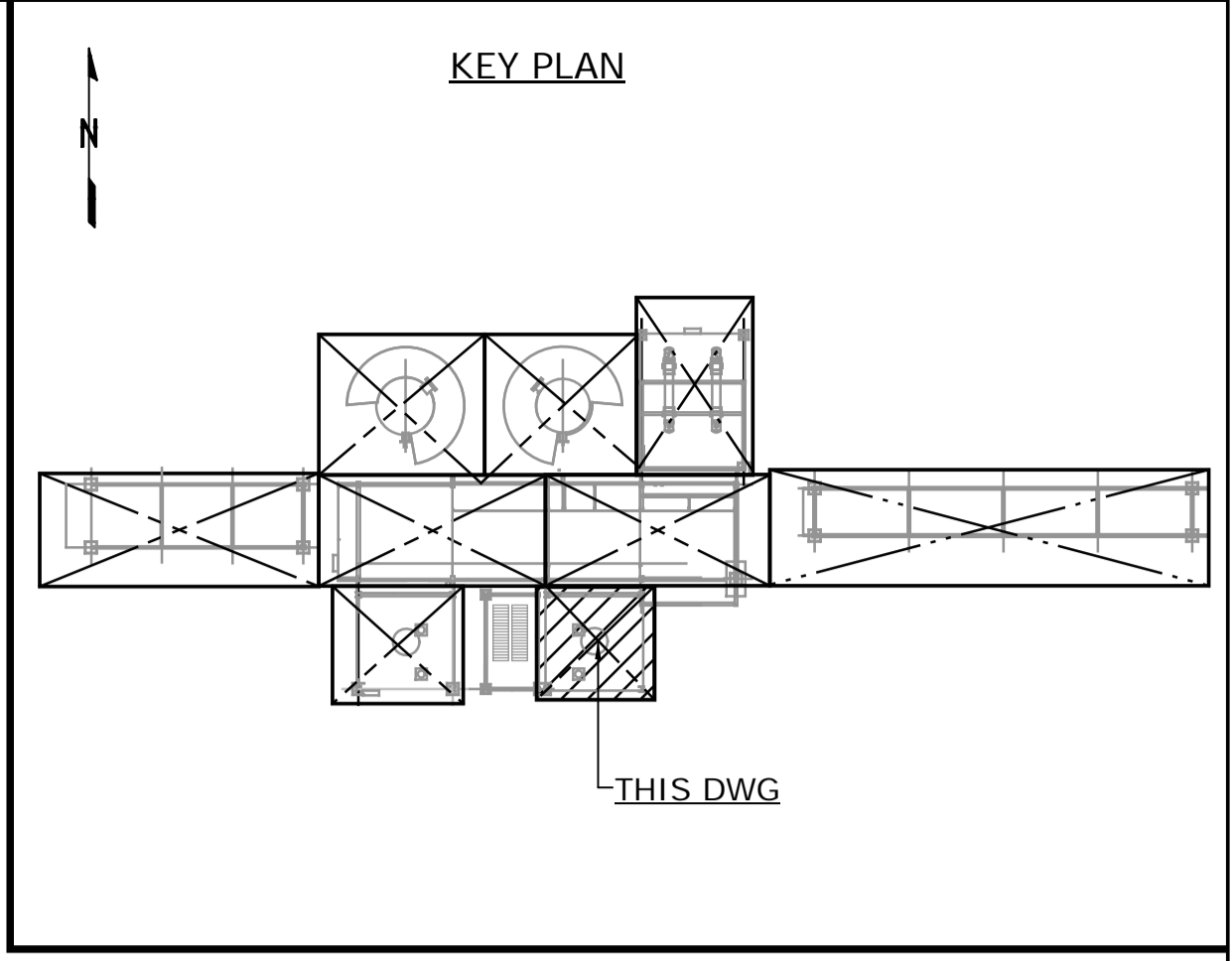
**DRAWING LIMIT N 2896.300**  
**FROM EL. 624.000 TO 630.000**  
SCALE: 1:50

**MATCHLINE N 2904.750**  
**CONT. DWG. NO**  
**240.0311.000.050.079**

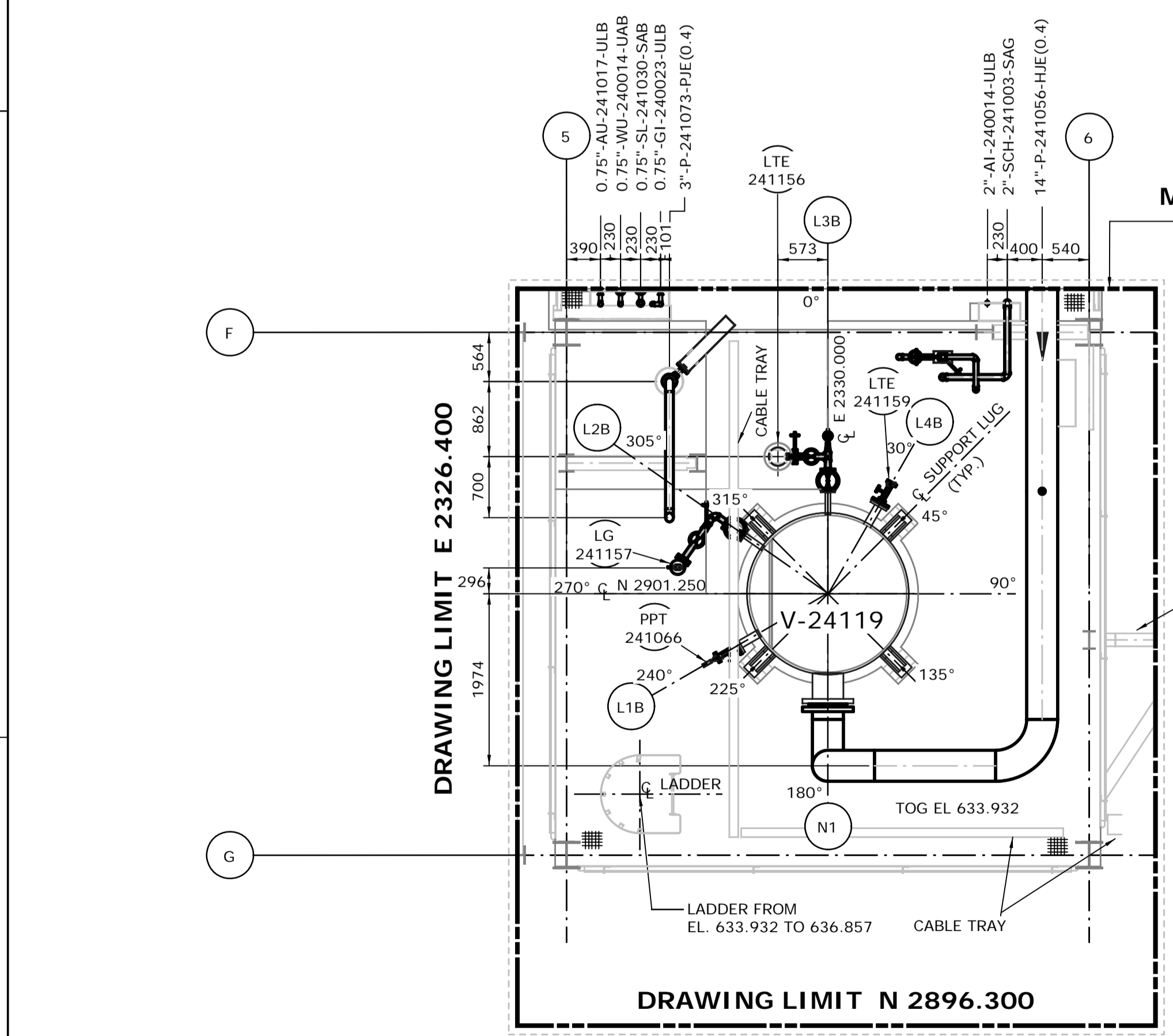


**DRAWING LIMIT N 2896.300**  
**FROM EL. 630.000 TO 633.450**  
SCALE: 1:50

**MATCHLINE N 2904.750**  
**CONT. DWG. NO**  
**240.0311.000.050.079 & 081**



- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.



**DRAWING LIMIT N 2896.300**  
**FROM EL. 633.450 TO 636.500**  
SCALE: 1:50

**MATCHLINE N 2904.750**  
**CONT. DWG. NO.**  
**240.0311.000.050.081**

**DRAWING LIMIT E 2333.750**

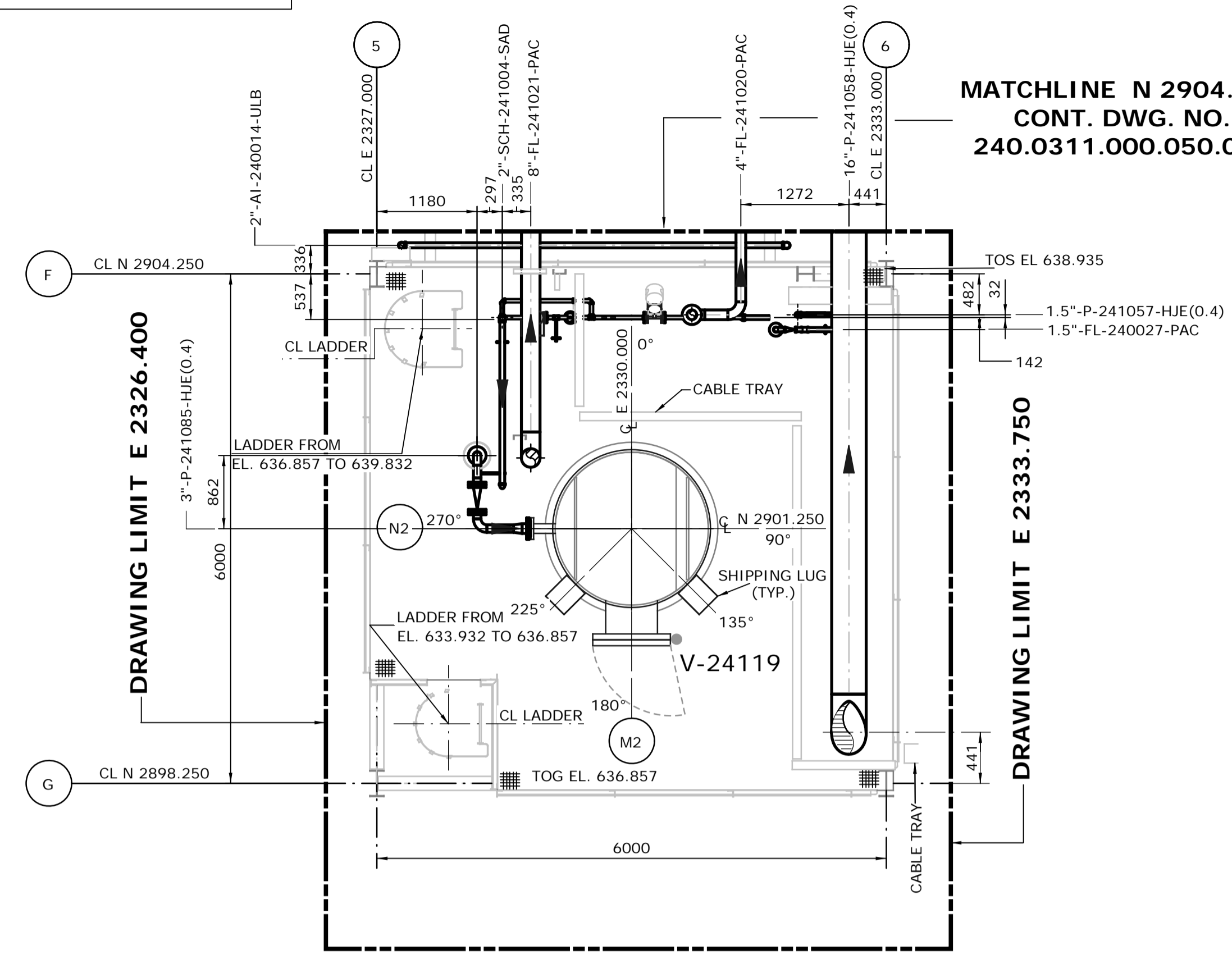
**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A

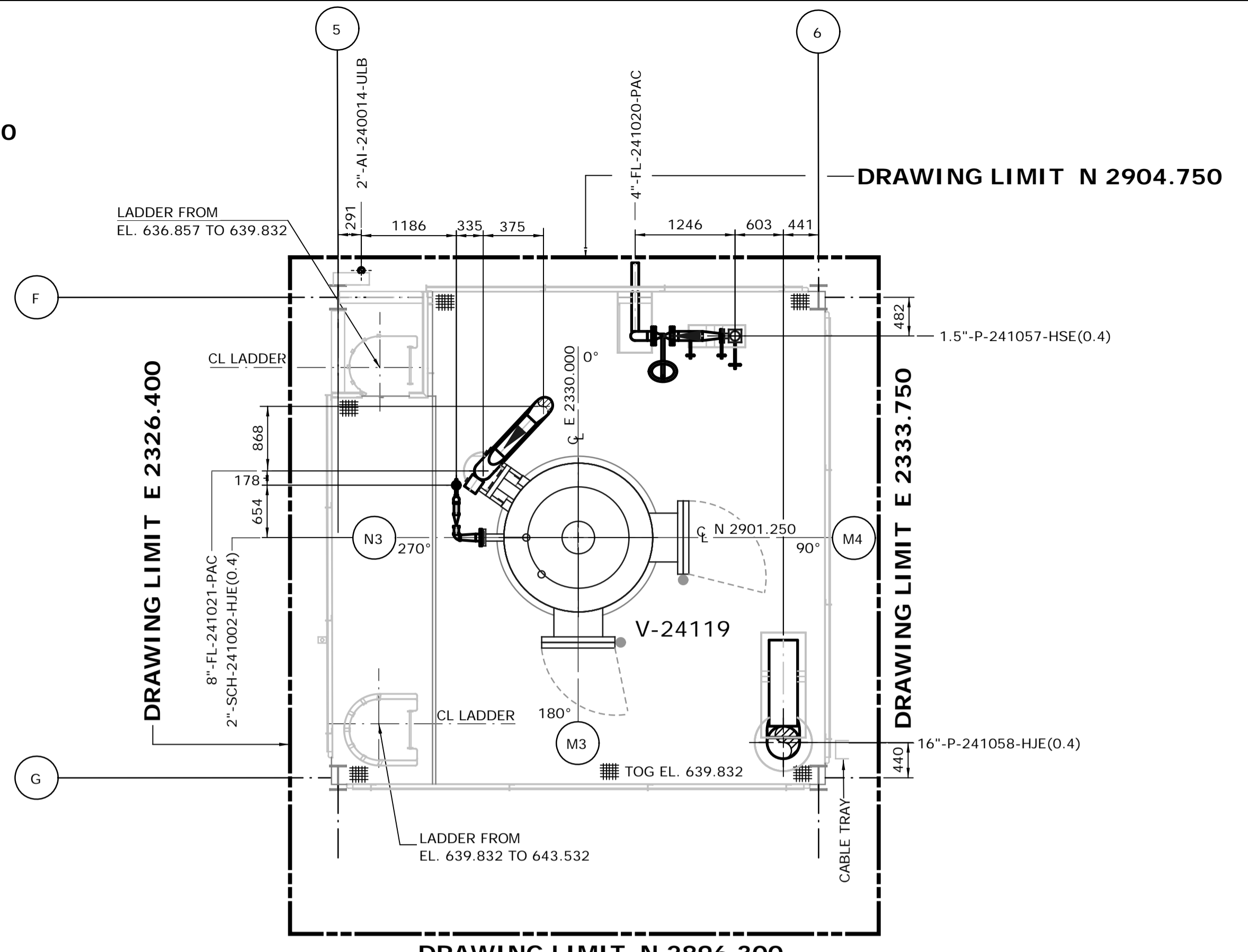
  

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT

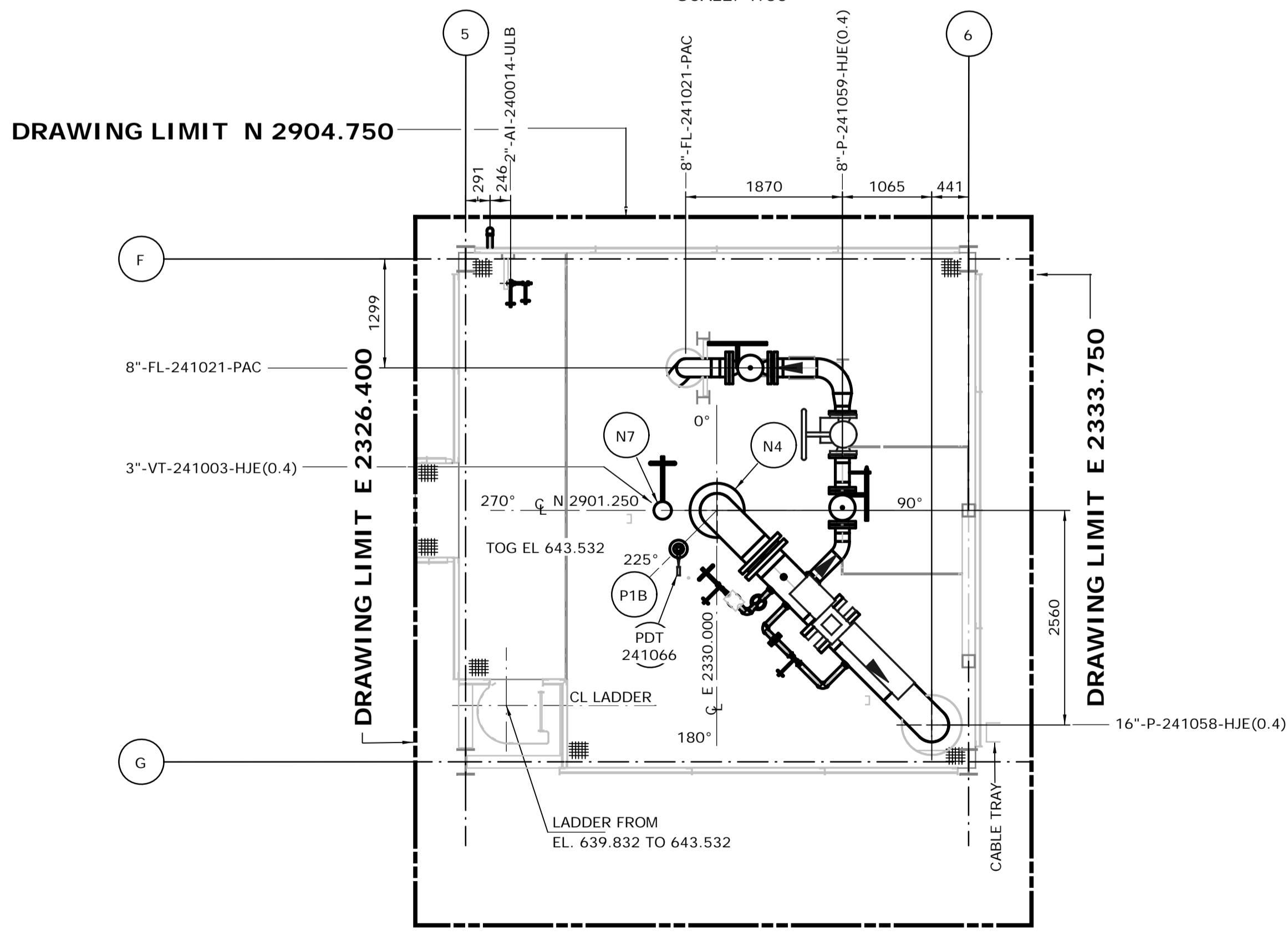
DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120AEM PLAN FROM EL. 624.000 TO 636.500	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.085</b>	REV. 1



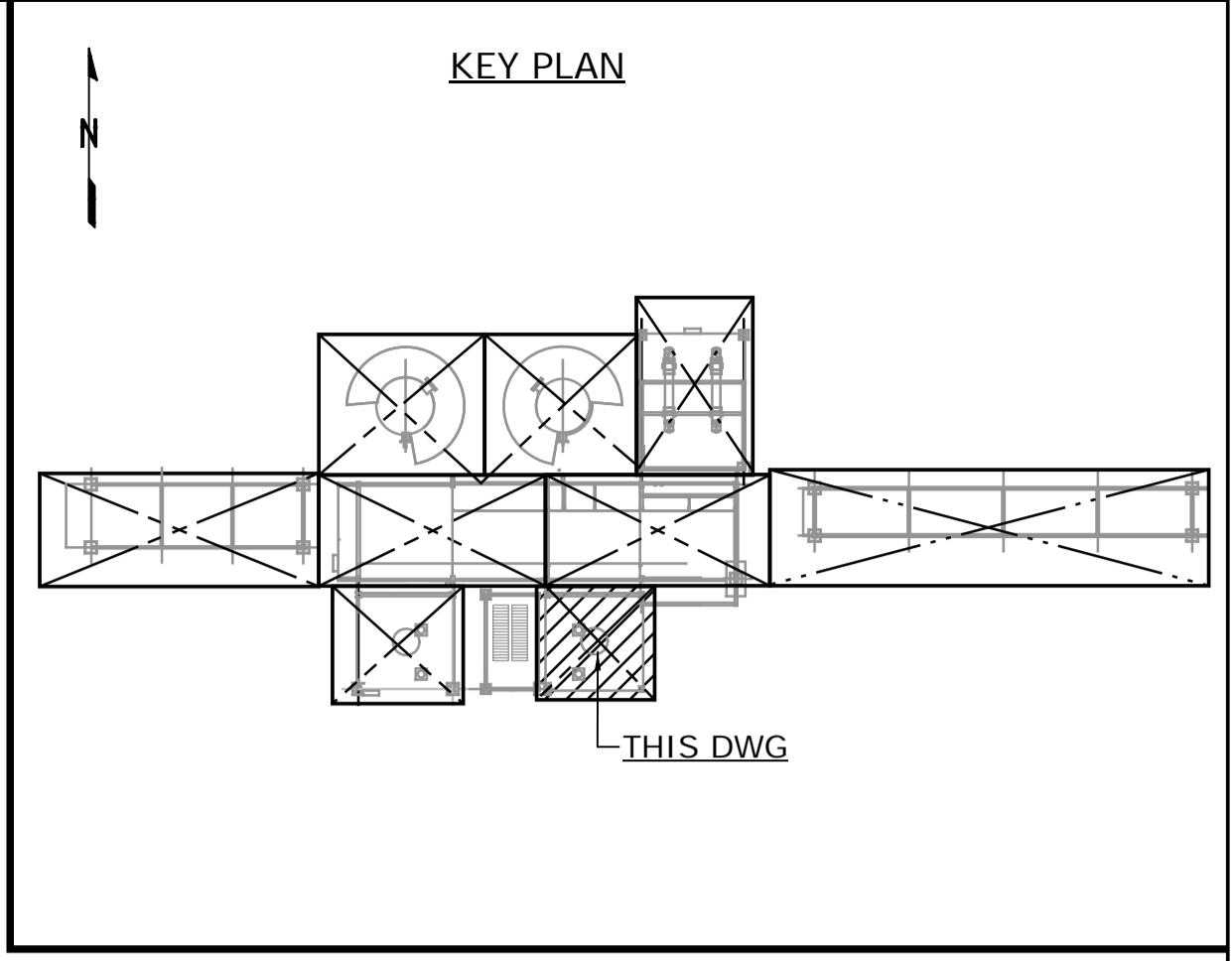
**DRAWING LIMIT N 2896.300**  
**FROM EL. 636.500 TO 639.450**  
SCALE: 1:50



**DRAWING LIMIT N 2896.300**  
**FROM EL. 639.450 TO 643.100**  
SCALE: 1:50



**DRAWING LIMIT N 2896.300**  
**FROM EL. 643.100 & ABOVE**  
SCALE: 1:50

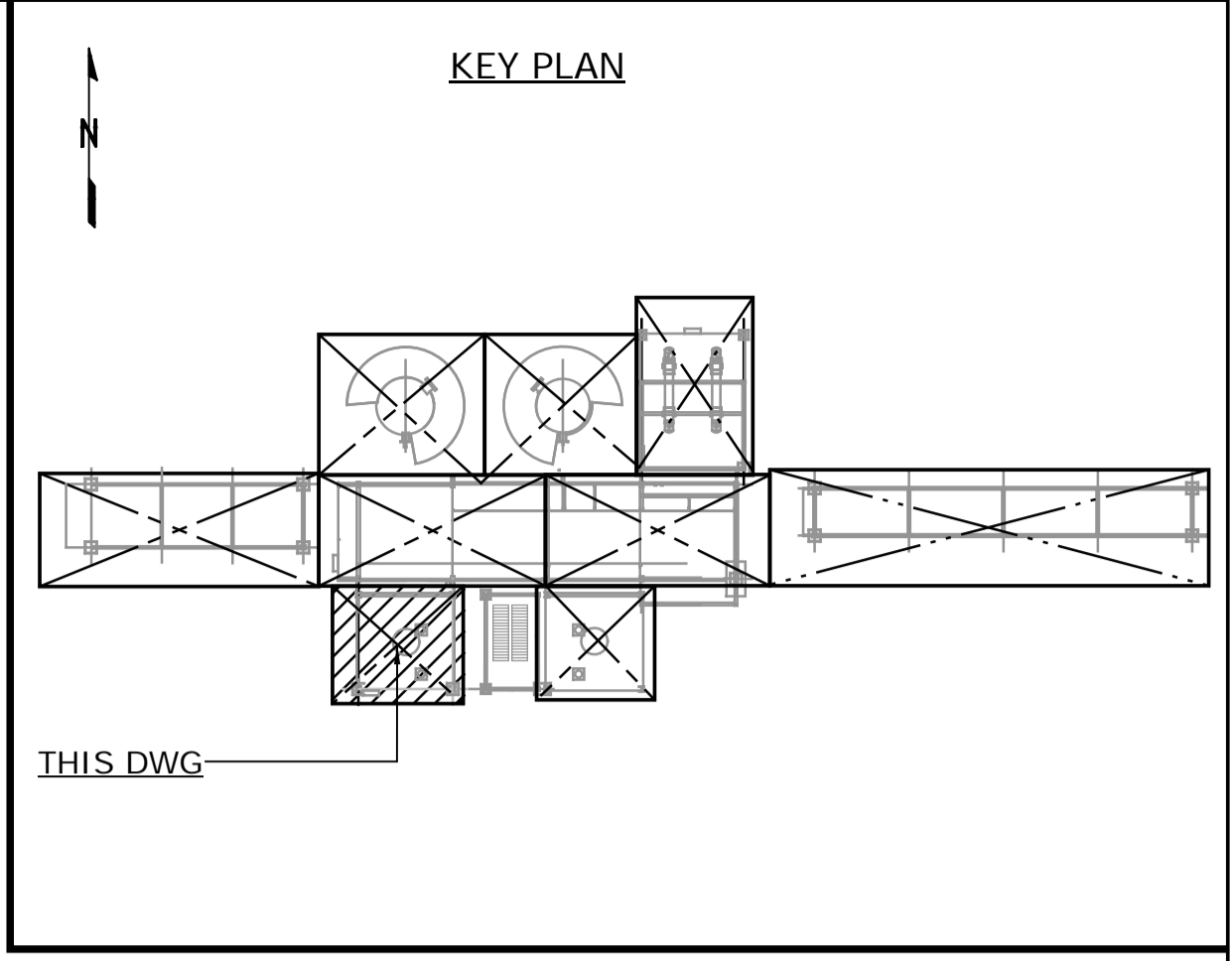
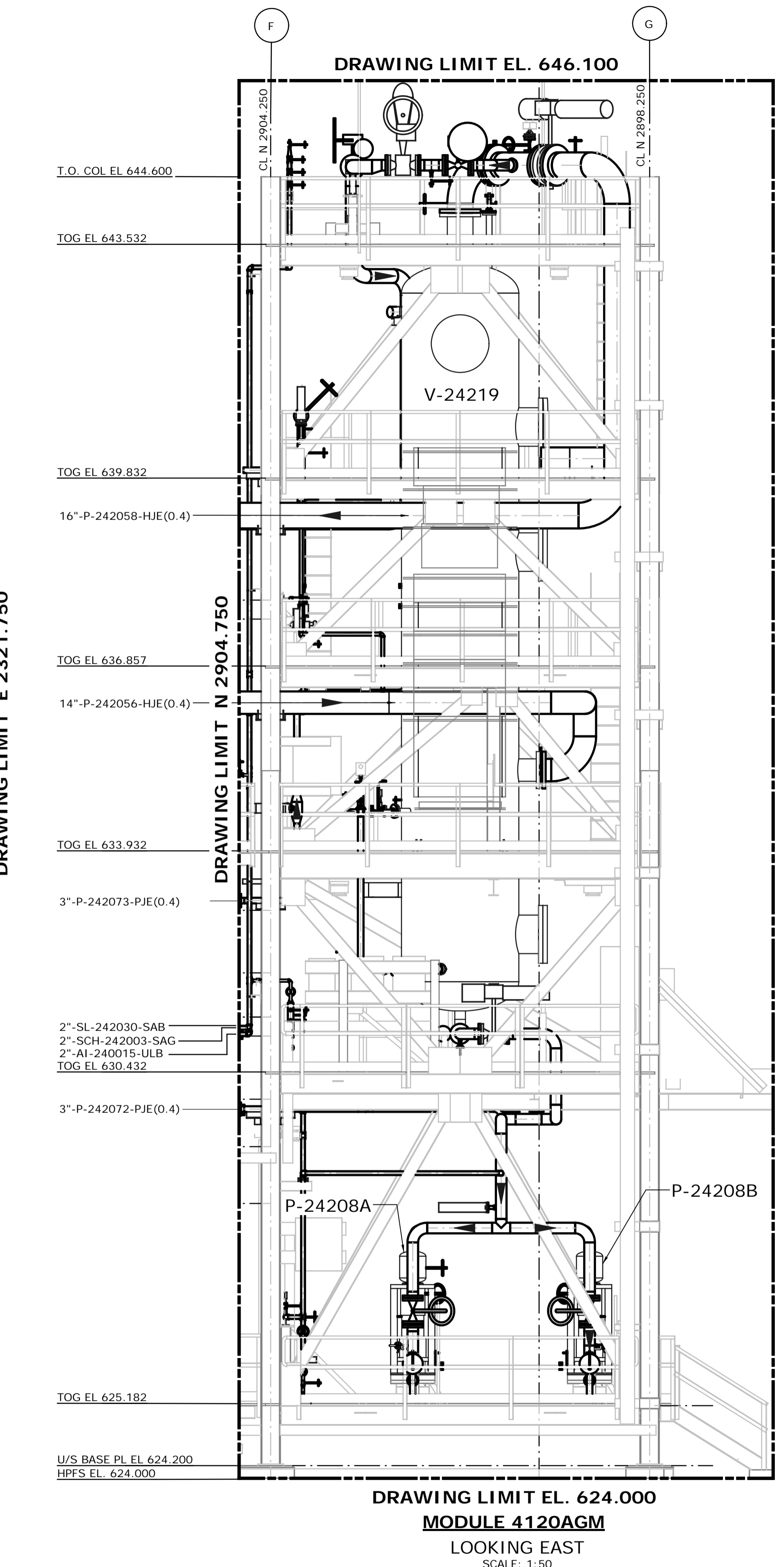
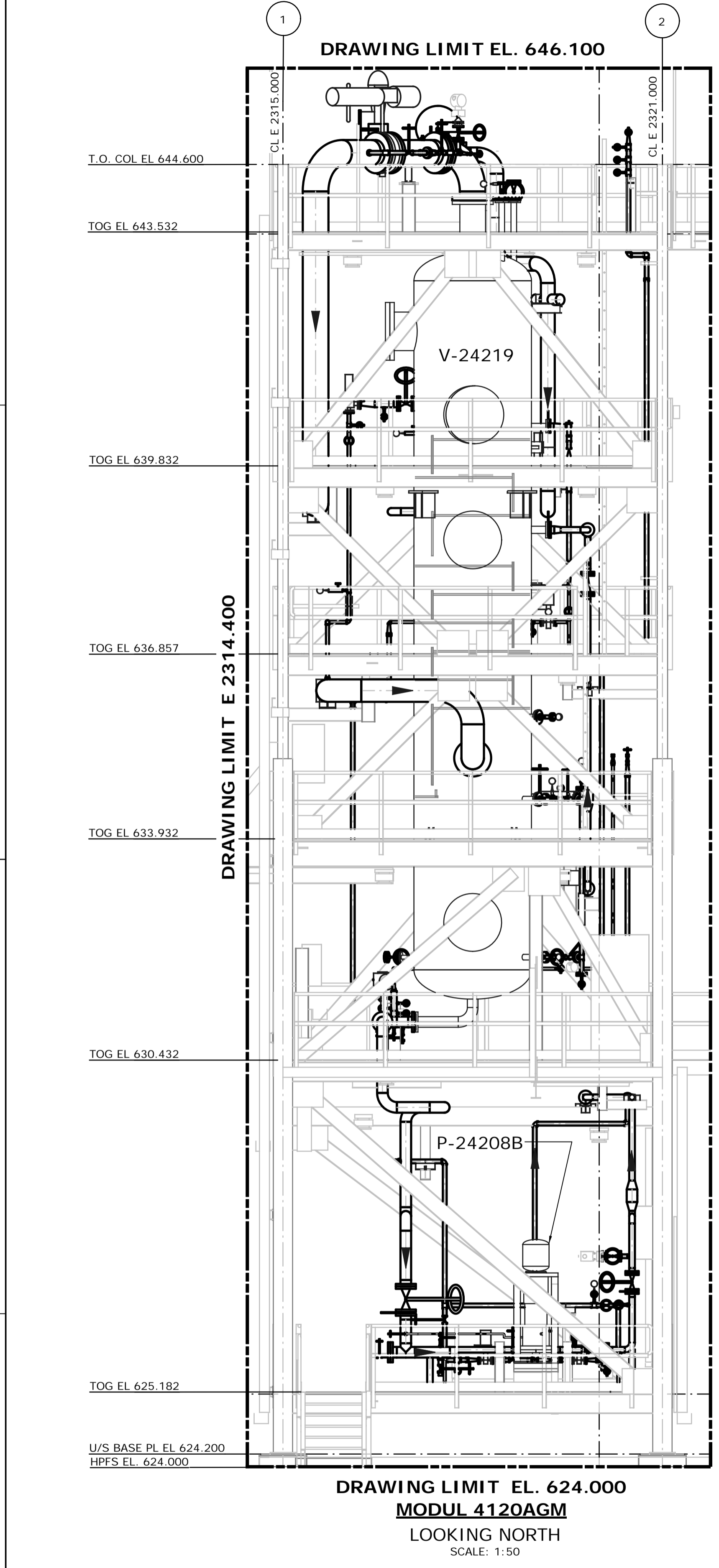


- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.

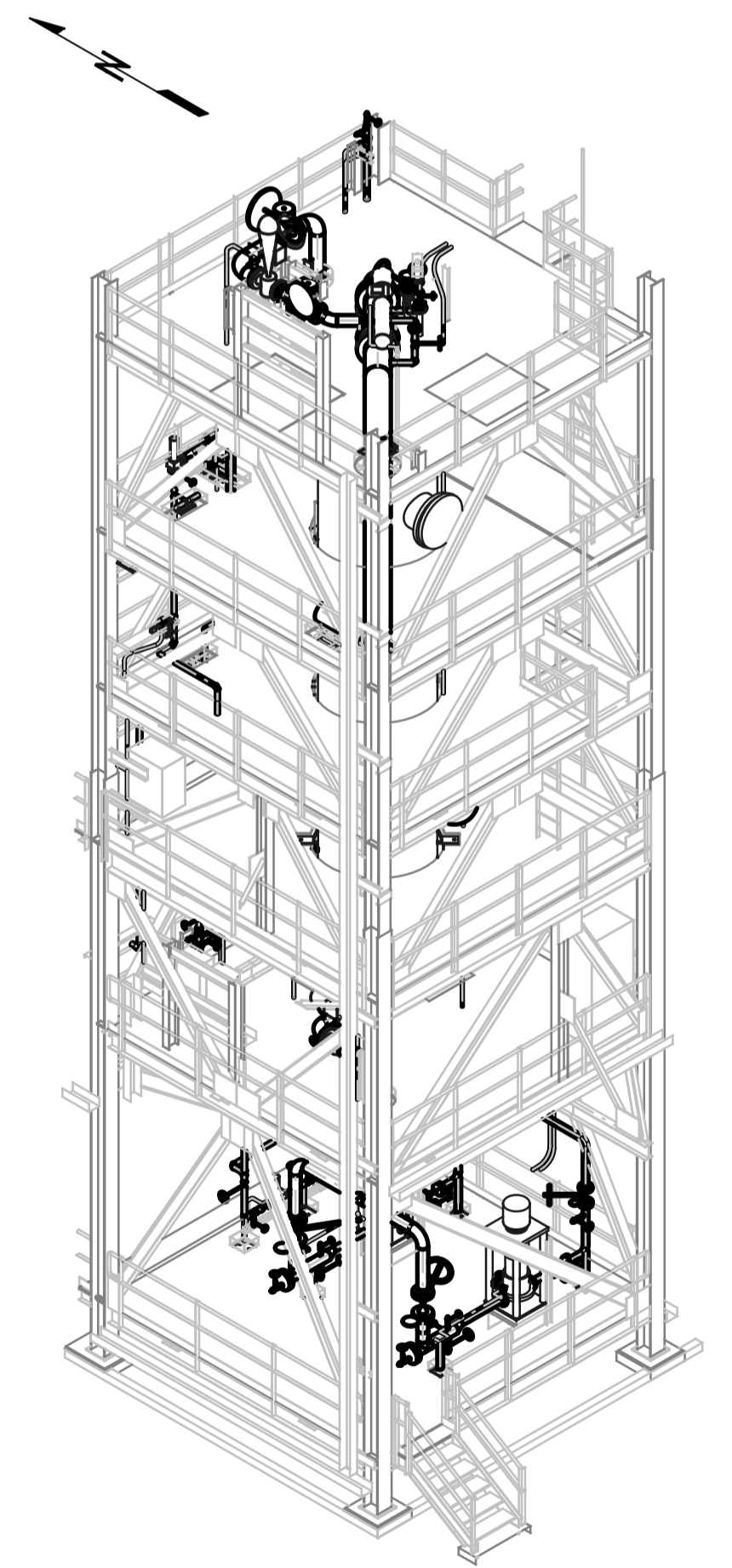
**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120AEM PLAN FROM EL. 636.500 & ABOVE	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.086</b>	REV. 1



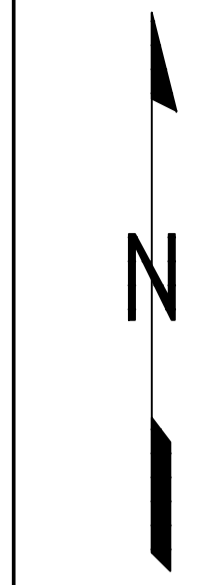
- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.



**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	<b>SHELL CANADA</b> QUEST CCS PROJECT	<b>FLUOR</b> CONTRACT: ABGT
DRAWN PS		
CHECKED DK	<b>HYDROGEN MANUFACTURING UNIT</b> <b>ABOVE GROUND PIPING PLAN</b> <b>MODULE 4120AGM</b> <b>ELEVATION VIEWS</b>	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.087</b>	REV. 1



D

C

B

A

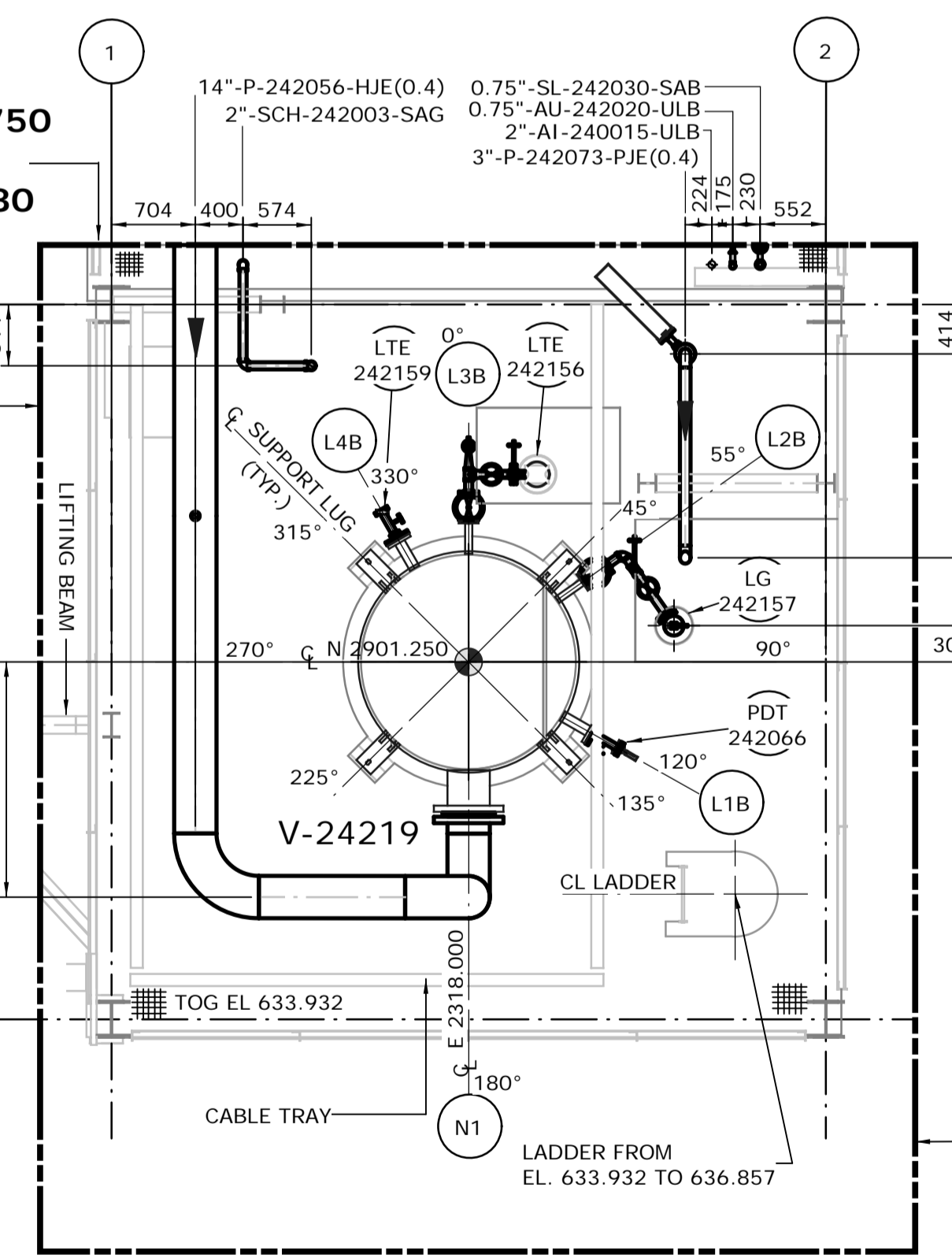
MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.078

MODULE 4120 AGM  
MODULE DATUM AND  
COORD. POINT  
N 2904.250  
E 2315.000  
EL 624.200

DRAWING LIMIT E 2314.400

DRAWING LIMIT E 2321.750

DRAWING LIMIT N 2896.300  
PLAN FROM EL. 624.000 TO 630.000  
SCALE: 1:50



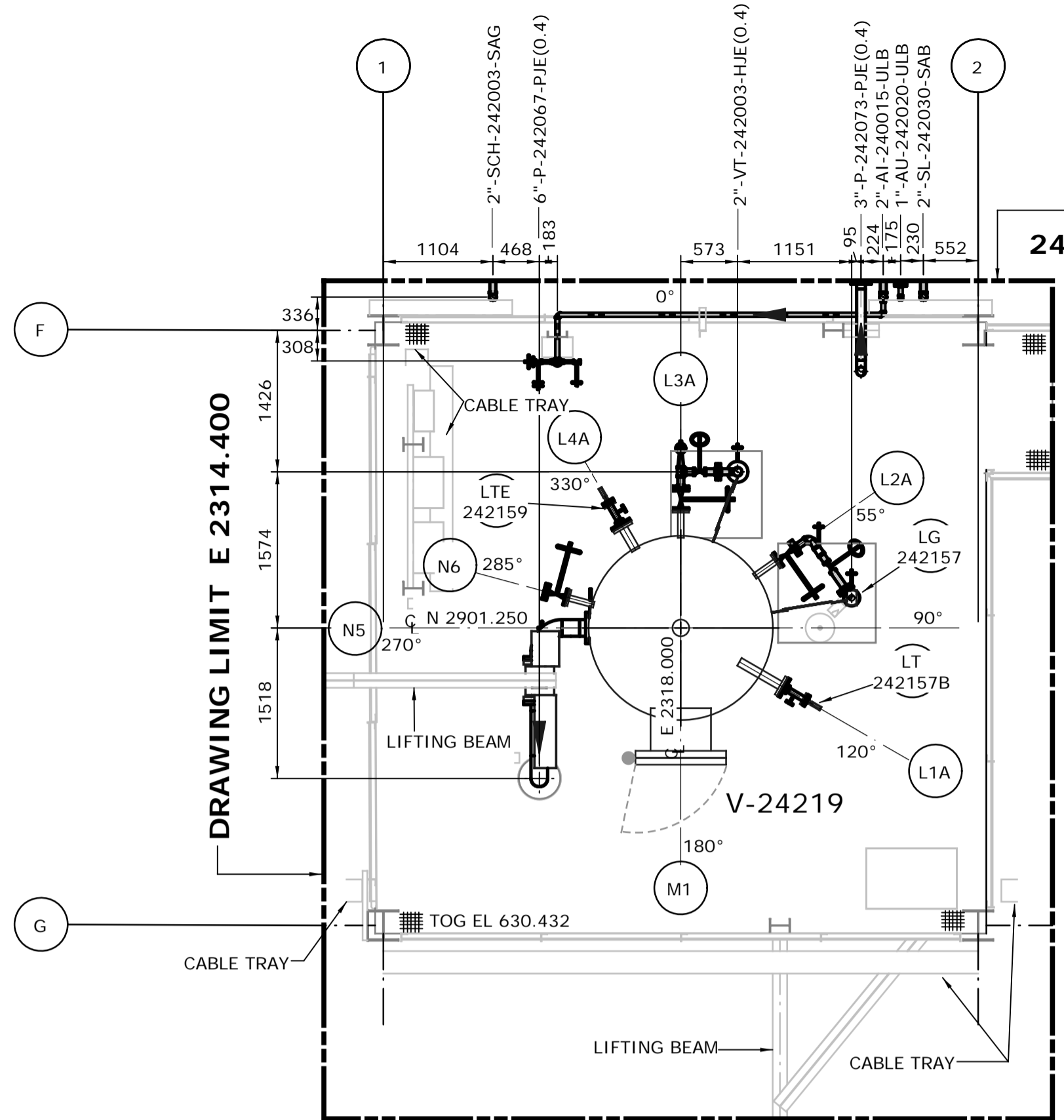
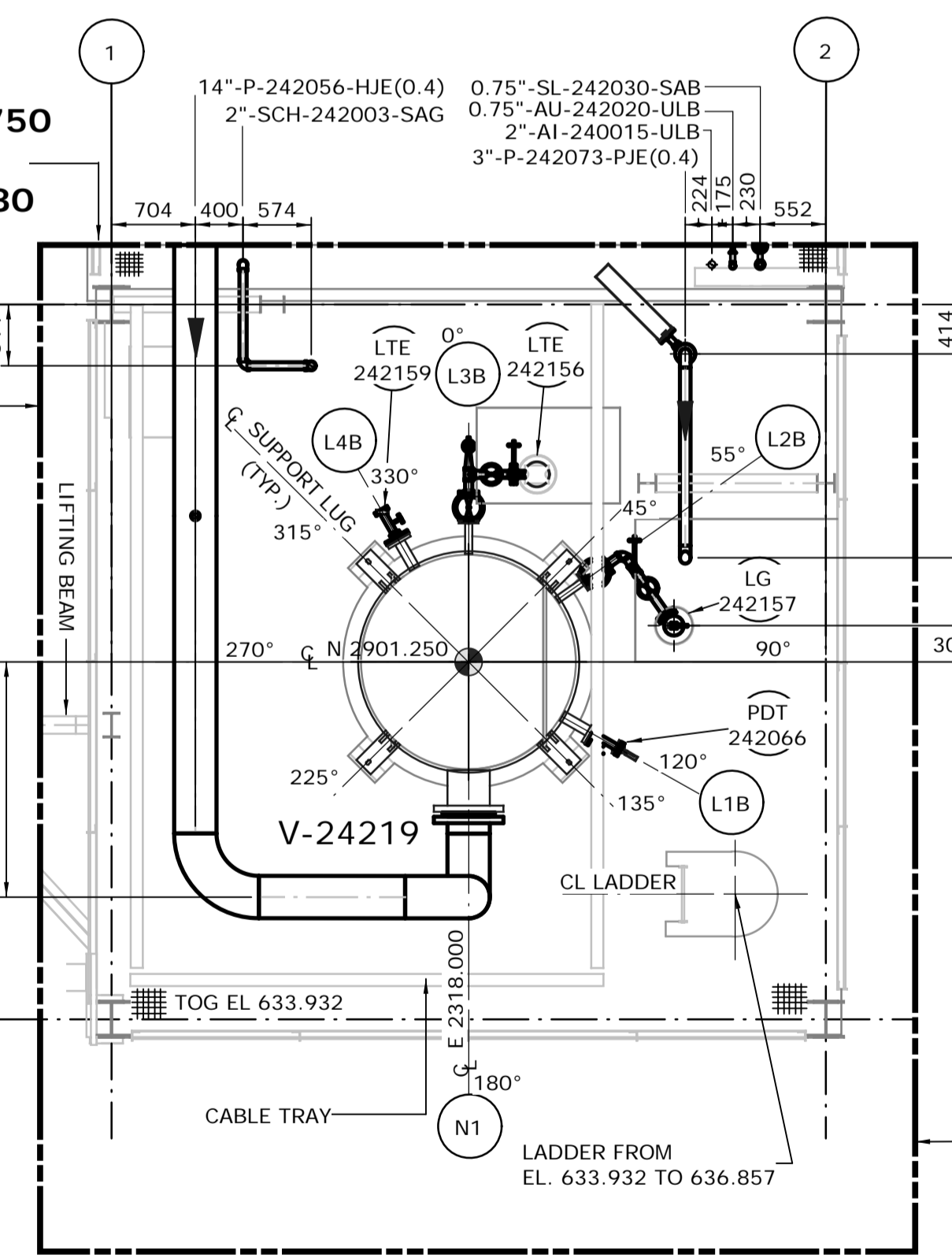
DRAWING LIMIT N 2896.300  
FROM EL. 633.450 TO 636.500  
SCALE: 1:50

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.080

DRAWING LIMIT E 2314.400

DRAWING LIMIT E 2321.750

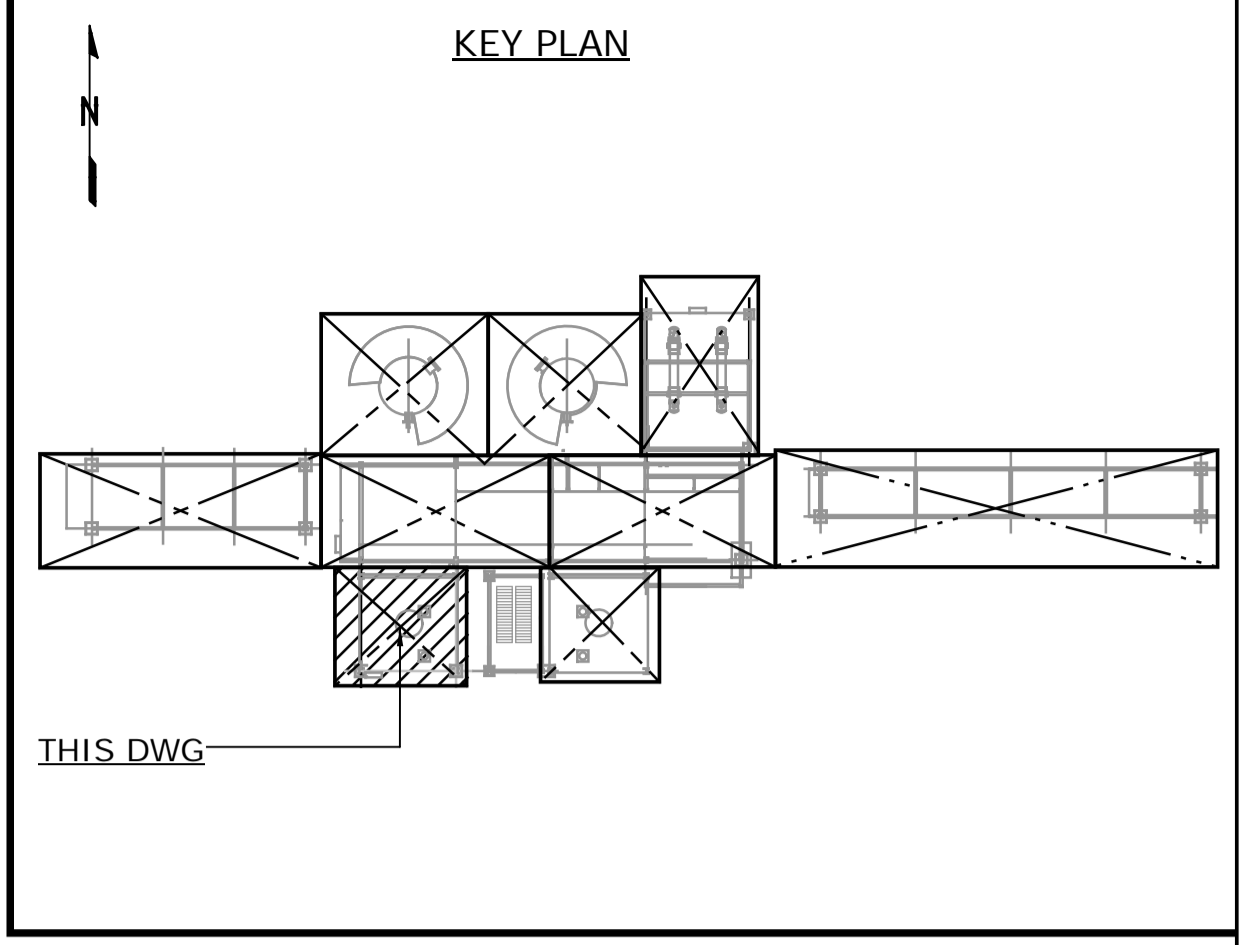
DRAWING LIMIT N 2896.300  
FROM EL. 633.450 TO 636.500  
SCALE: 1:50



DRAWING LIMIT N 2896.300  
FROM EL. 630.000 TO 633.450  
SCALE: 1:50

MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.078 & 080

DRAWING LIMIT E 2321.750



- NOTES:
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.

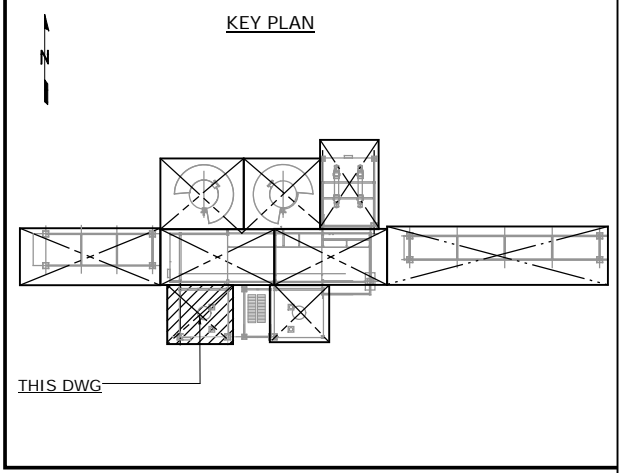
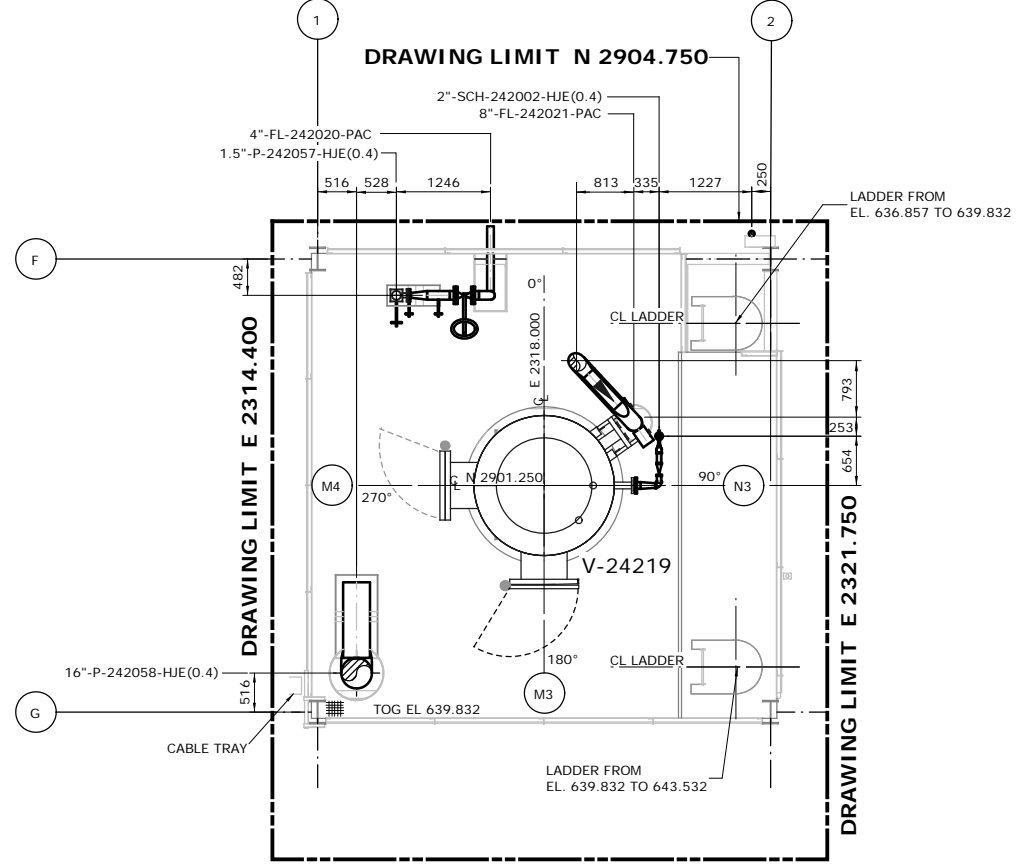
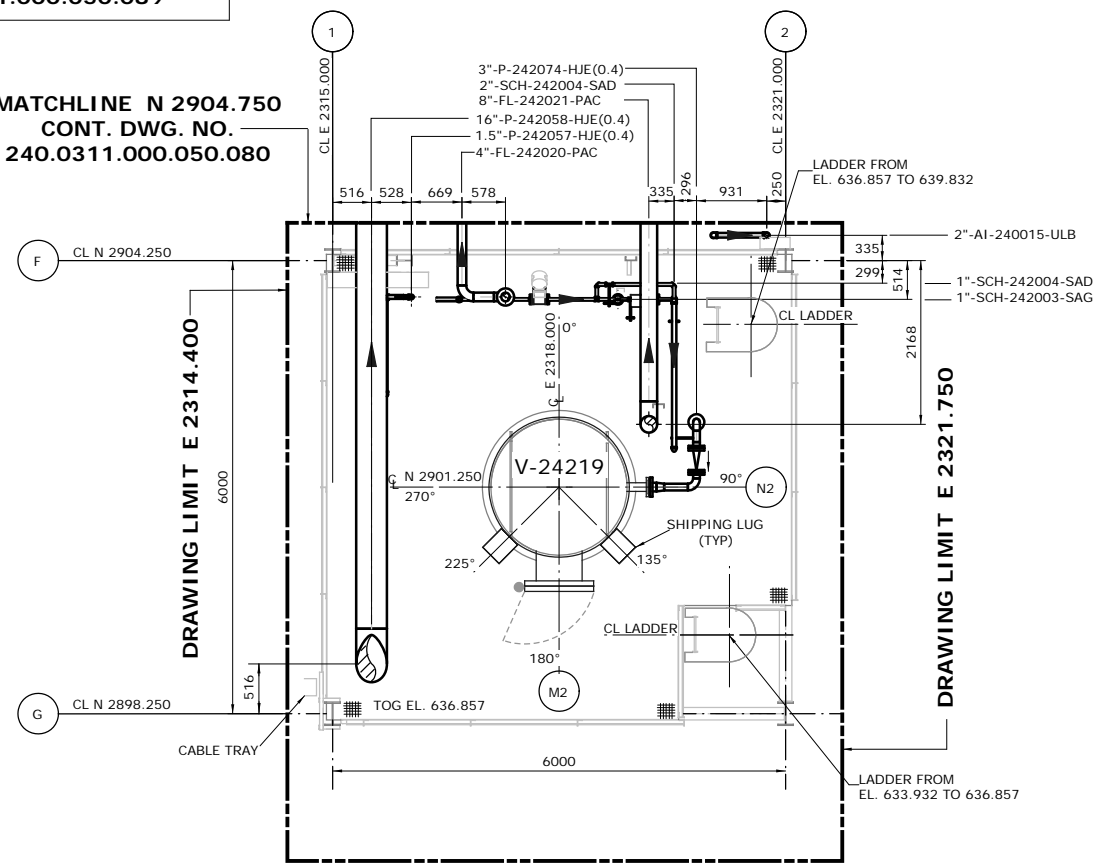
ISSUED FOR CONSTRUCTION  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

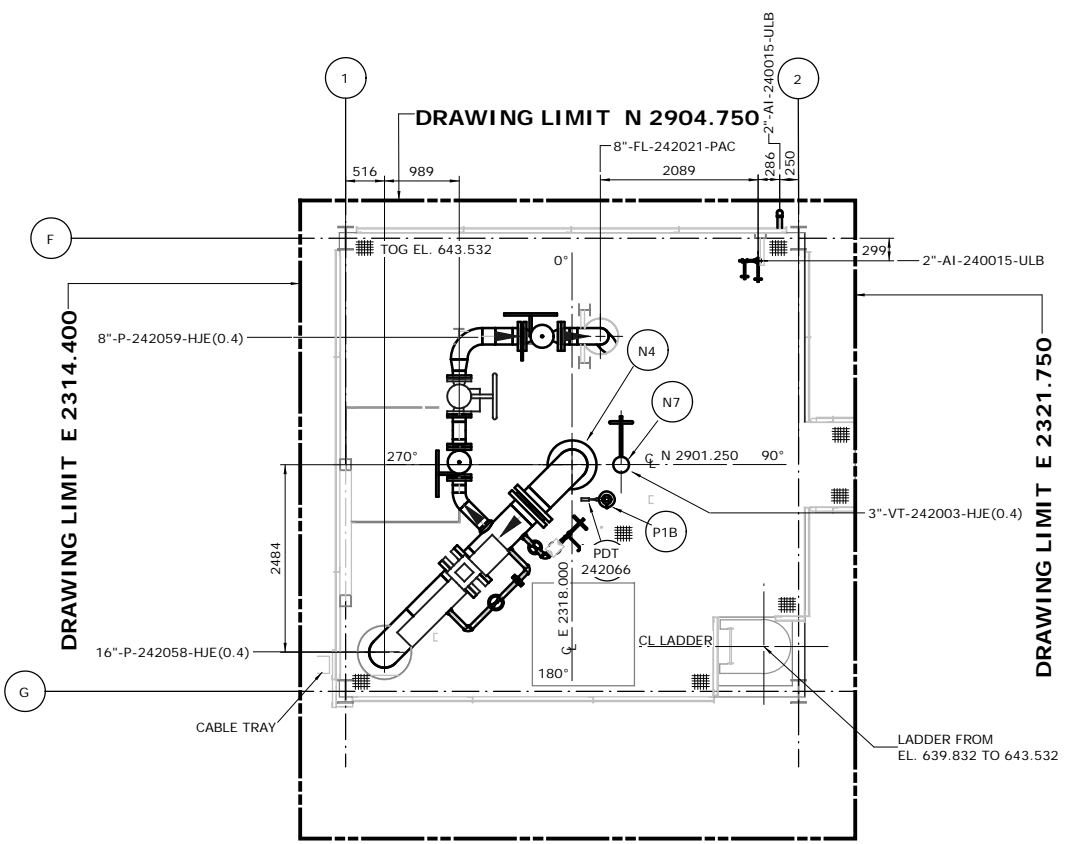
DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT
DRAWN PS		
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120AGM PLAN FROM EL. 624.000 TO 636.500	
LEAD BH		
APPROVED N/A		
CLIENT APPROVED N/A		
SCALE 1: 50	SHELL DRAWING NUMBER 240.0311.000.050.088	REV. 1



**MATCHLINE N 2904.750  
CONT. DWG. NO.  
240.0311.000.050.080**



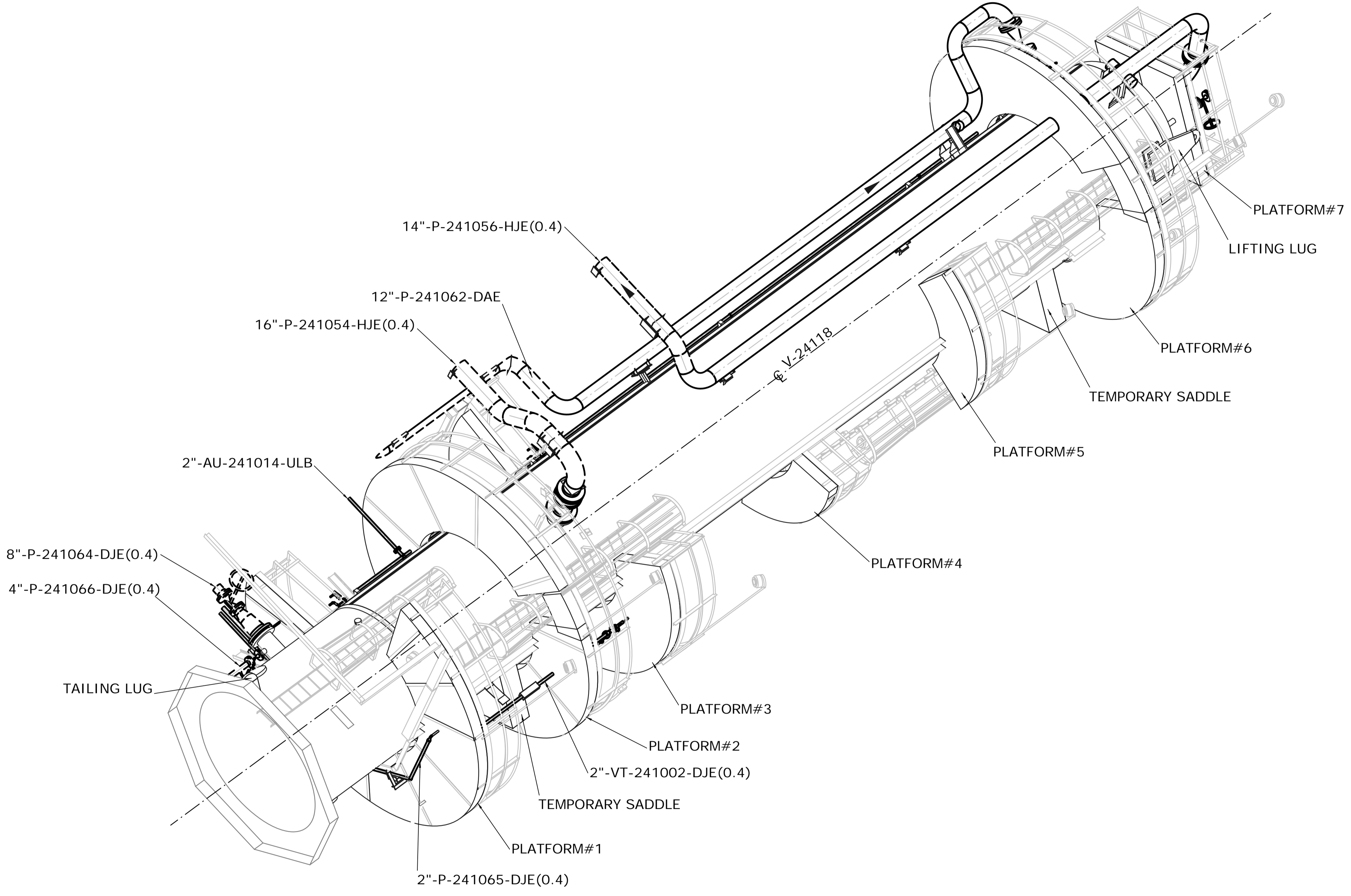
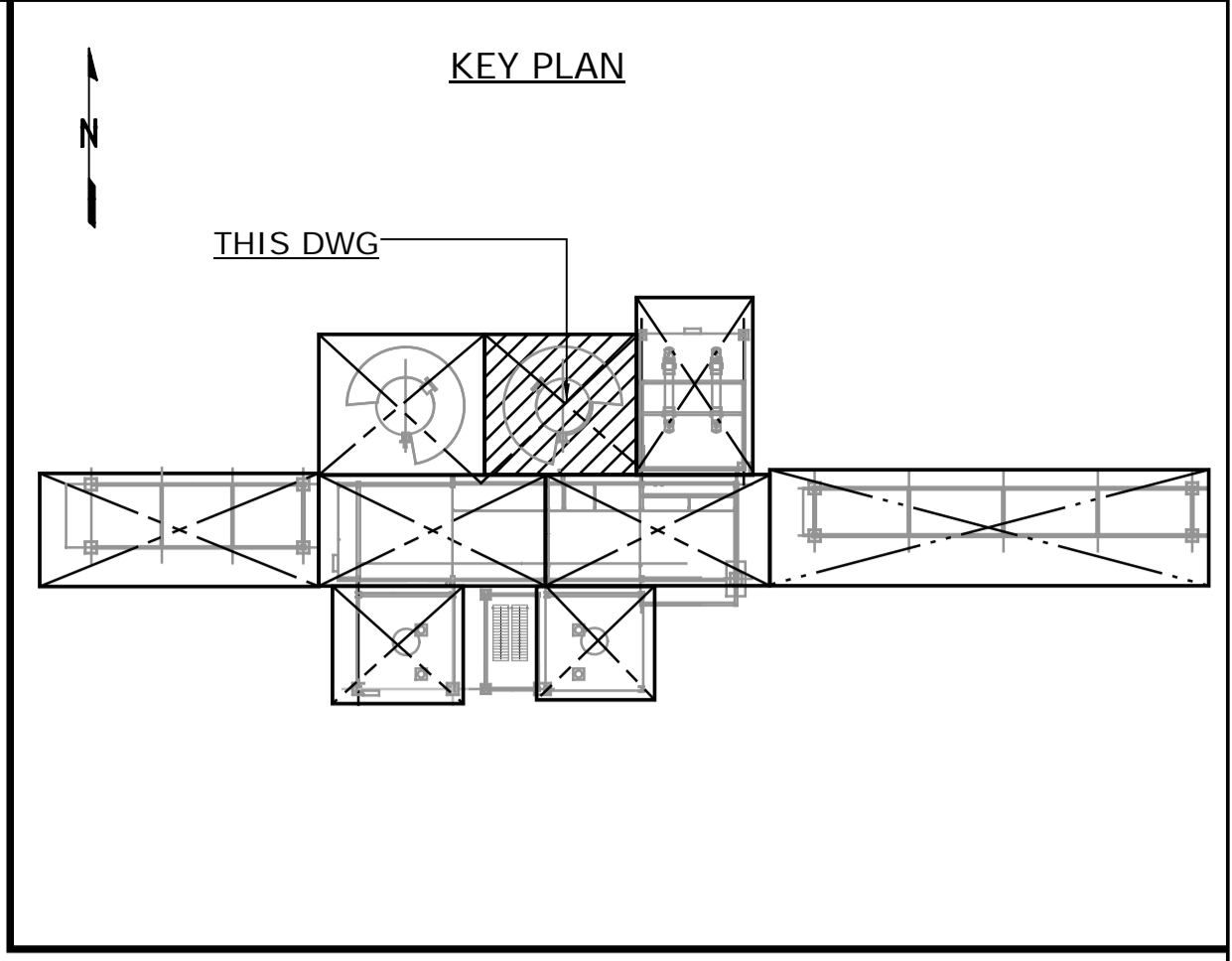
- NOTES:**
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.



**ISSUED FOR  
CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT		
DRAWN PS			
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN MODULE 4120AGM PLAN FROM EL. 636.500 & ABOVE		
LEAD BH			
APPROVED N/A			
CLIENT APPROVED N/A	SCALE 1: 50	SHELL DRAWING NUMBER <b>240.0311.000.050.089</b>	REV. 1



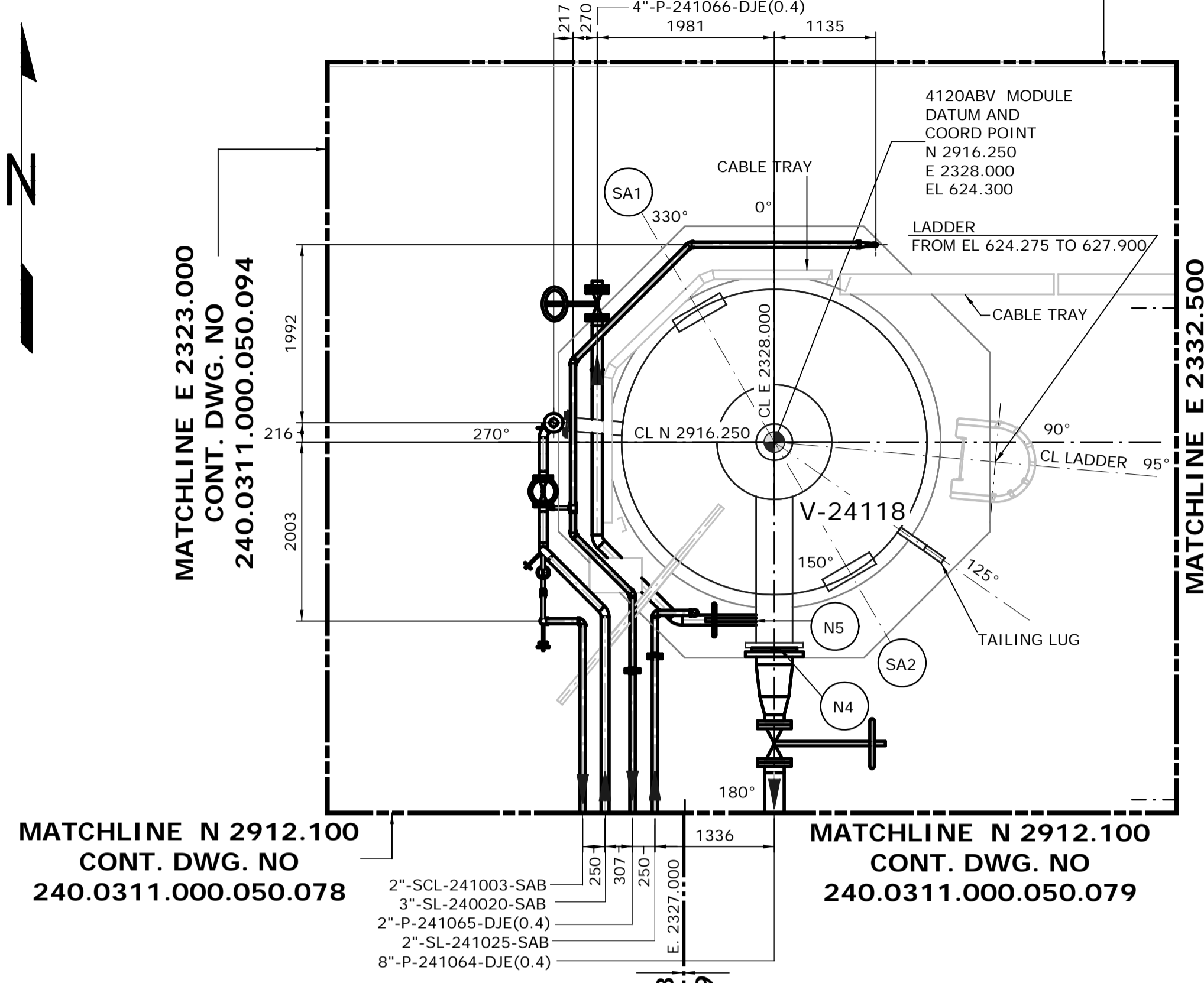
**DRESSED VESSEL 4120ABV**  
**ISOMETRIC VIEW**  
**HORIZONTAL POSITION DURING DRESSING**  
SCALE : NTS

**ISSUED FOR CONSTRUCTION**  
14 Mar 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
2	13/03/14	PS	REISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT	
DRAWN PS			
CHECKED DK	HYDROGEN MANUFACTURING ABOVE GROUND PIPING PLAN DRESSED VESSEL 4120ABV ISOMETRIC VIEW		
LEAD BH			
APPROVED N/A			
CLIENT APPROVED N/A	SCALE NTS	SHELL DRAWING NUMBER <b>240.0311.000.050.090</b>	REV. 2

DRAWING LIMIT N 2920.500



MATCHLINE E 2323.000  
CONT. DWG. NO  
240.0311.000.050.094

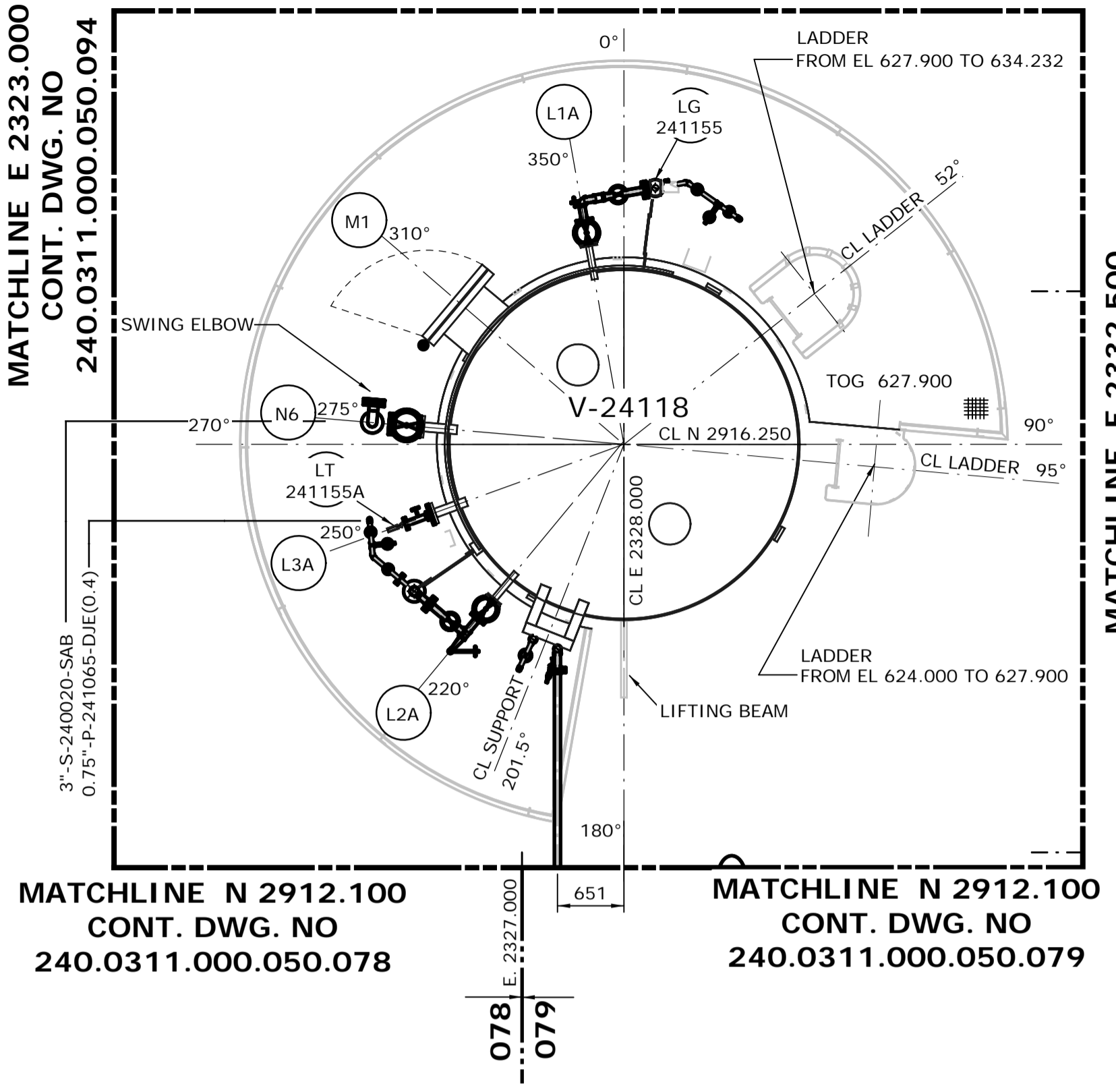
MATCHLINE E 2332.500  
CONT. DWG. NO  
240.0311.000.050.083

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.078

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.079

GRADE LEVEL  
FROM EL. 624.000 TO 627.500  
SCALE: 1:50

DRAWING LIMIT N 2920.500



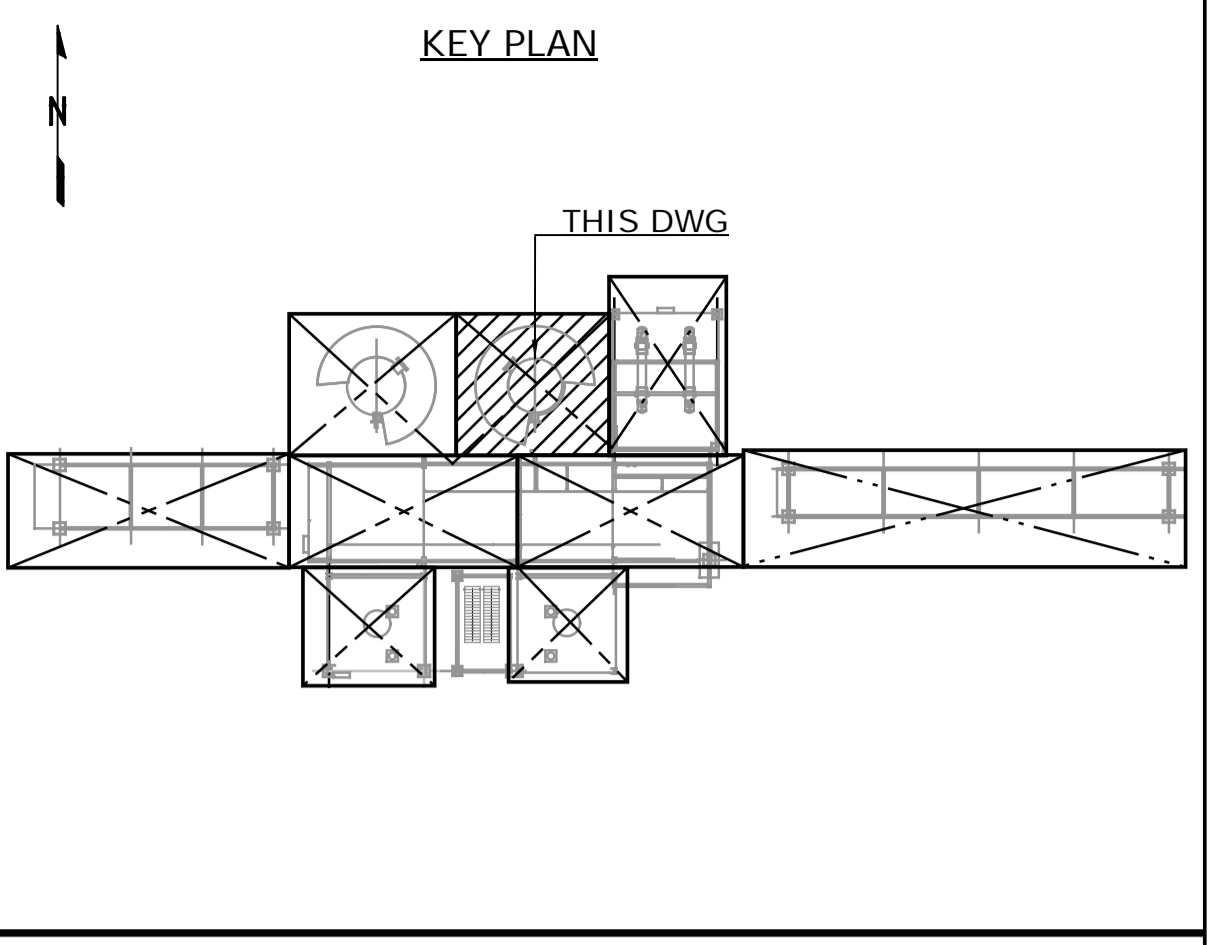
MATCHLINE E 2323.000  
CONT. DWG. NO  
240.0311.000.050.094

MATCHLINE E 2332.500  
CONT. DWG. NO  
240.0311.000.050.083

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.078

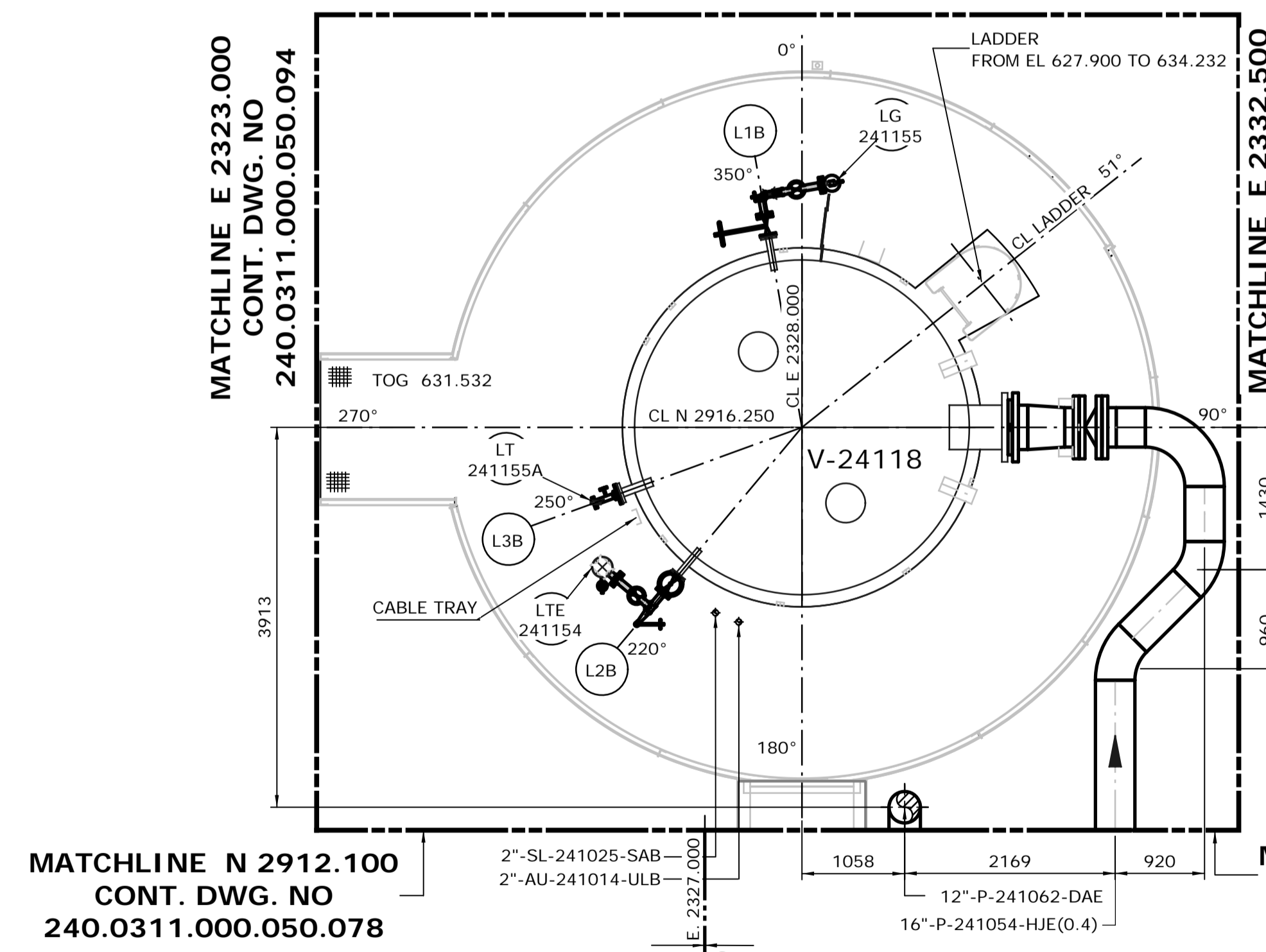
MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.079

PLATFORM#1  
FROM EL. 627.500 TO 631.200  
SCALE: 1:50



NOTES:  
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.  
2. HIGH POINT FINISHED SURFACE EL. 624.000M.

DRAWING LIMIT N 2920.500



MATCHLINE E 2323.000  
CONT. DWG. NO  
240.0311.000.050.094

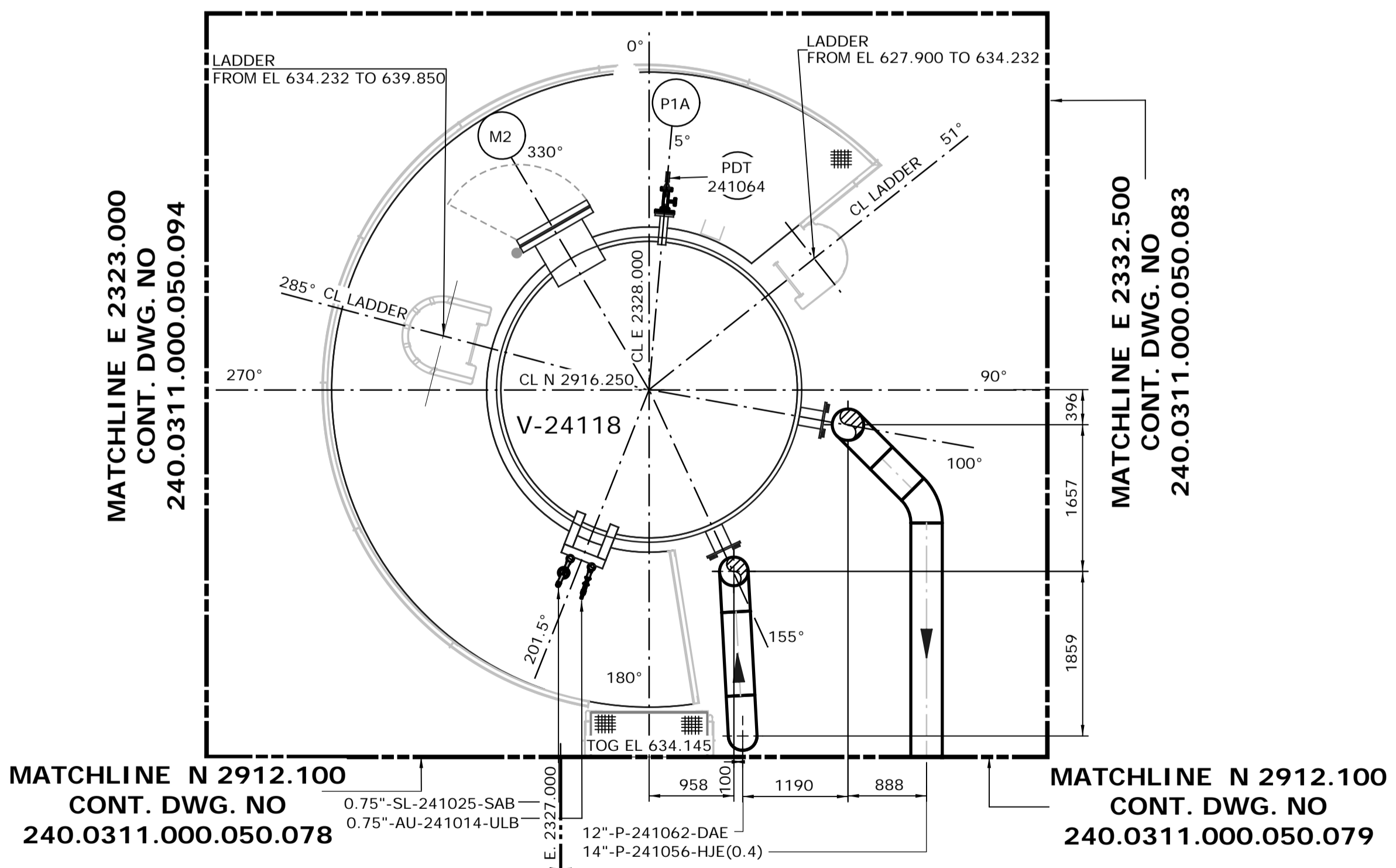
MATCHLINE E 2332.500  
CONT. DWG. NO  
240.0311.000.050.083

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.078

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.079

PLATFORM#2  
FROM EL. 631.200 TO 633.900  
SCALE: 1:50

DRAWING LIMIT N 2920.500



MATCHLINE E 2323.000  
CONT. DWG. NO  
240.0311.000.050.094

MATCHLINE E 2332.500  
CONT. DWG. NO  
240.0311.000.050.083

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.078

MATCHLINE N 2912.100  
CONT. DWG. NO  
240.0311.000.050.079

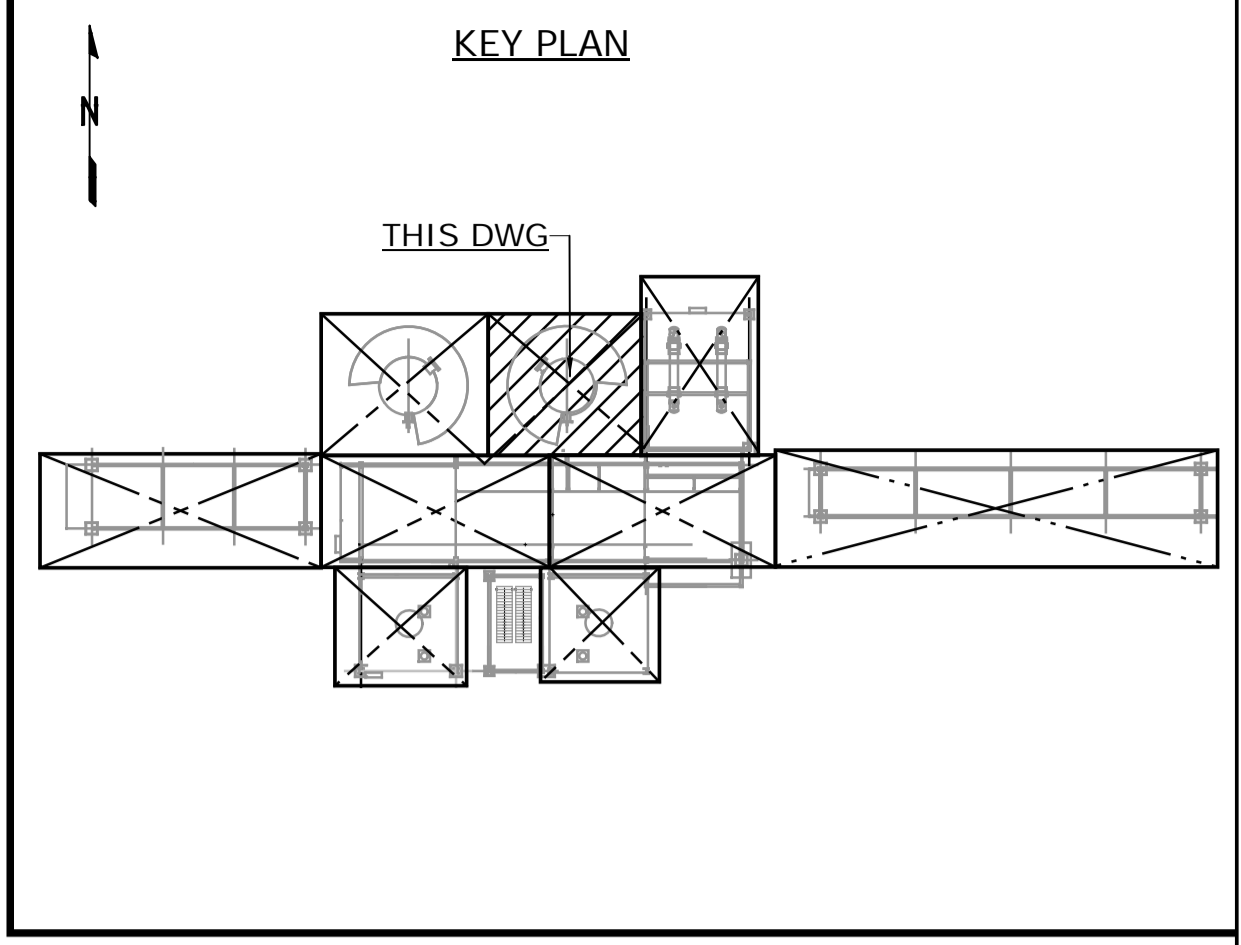
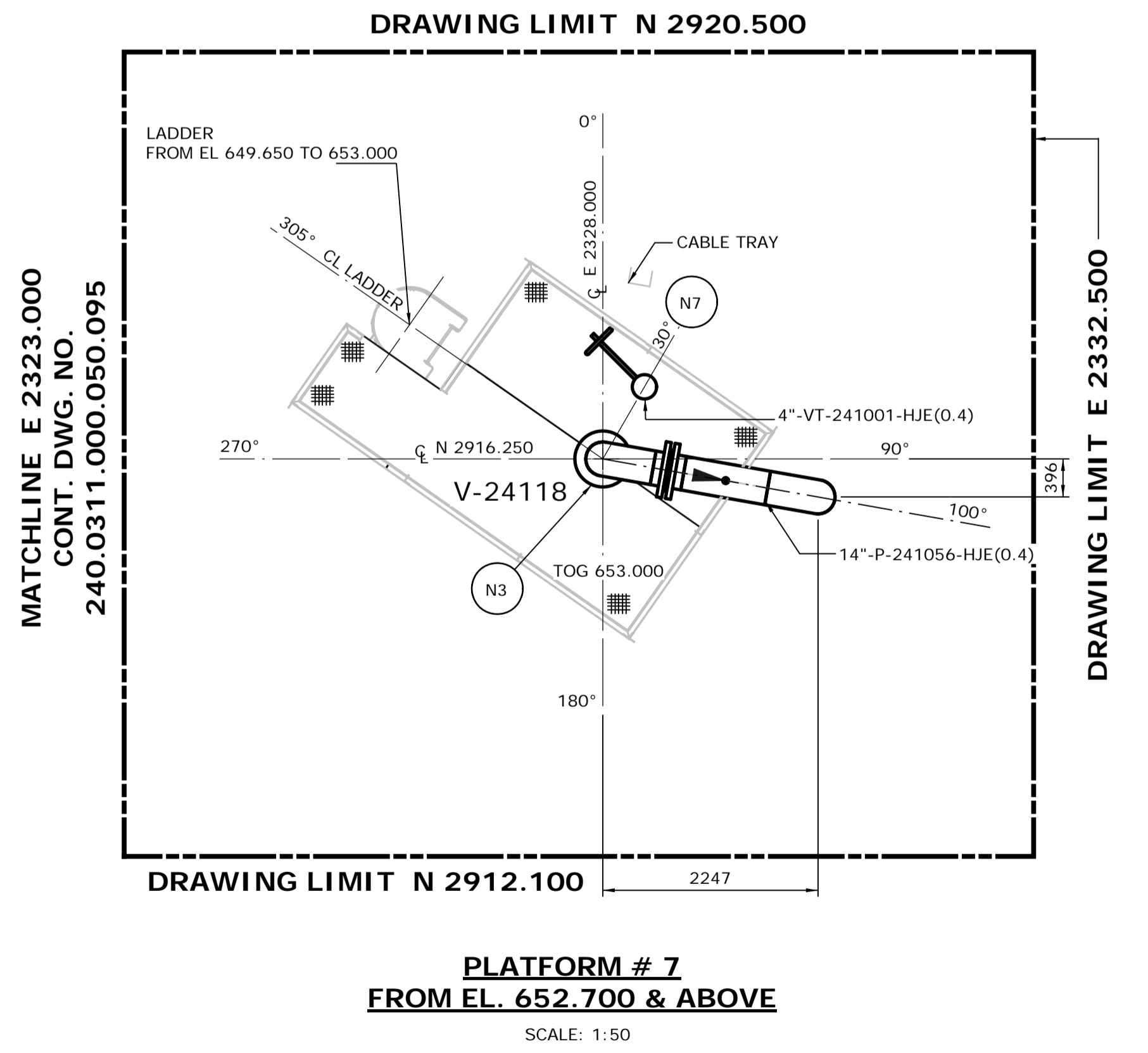
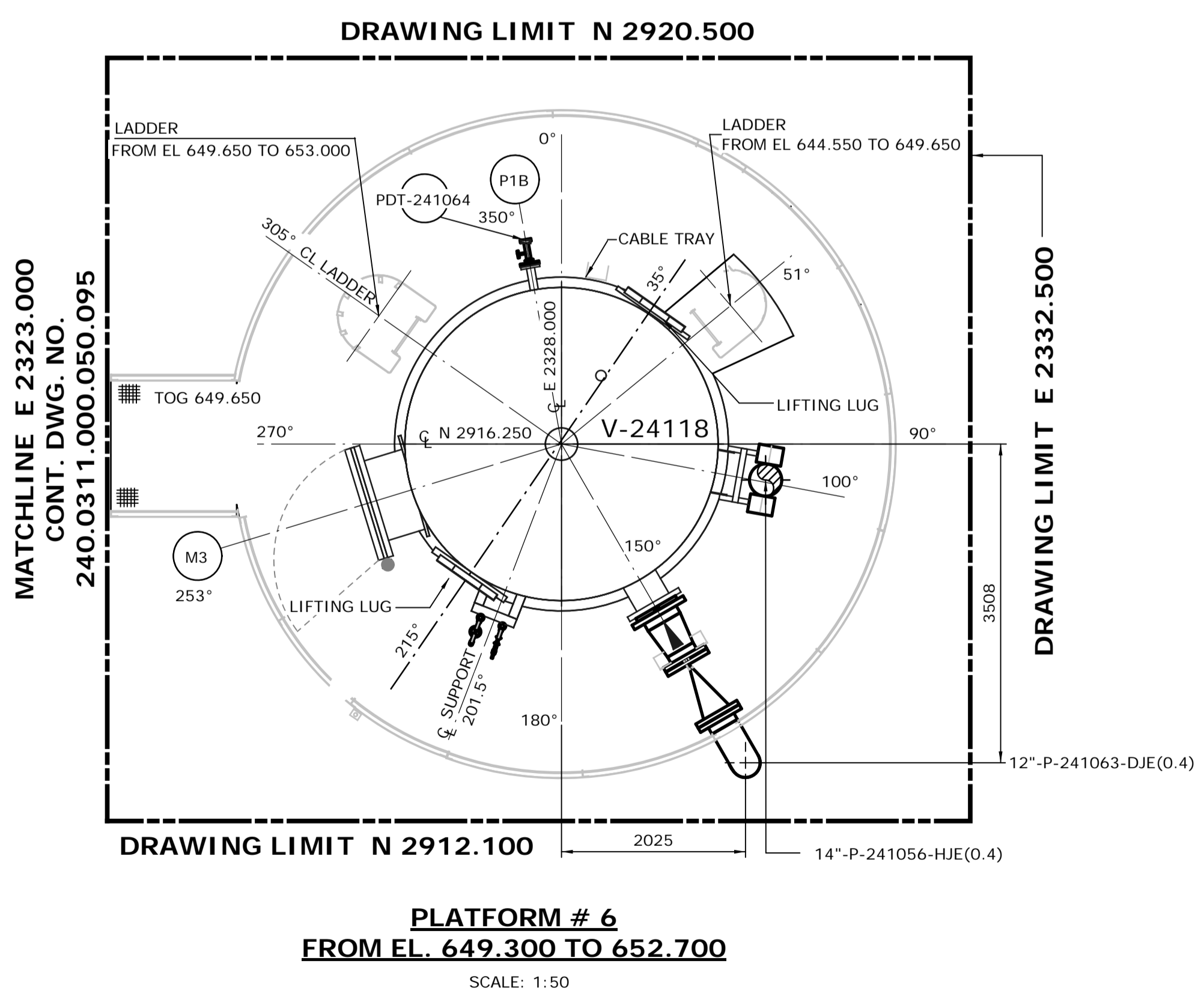
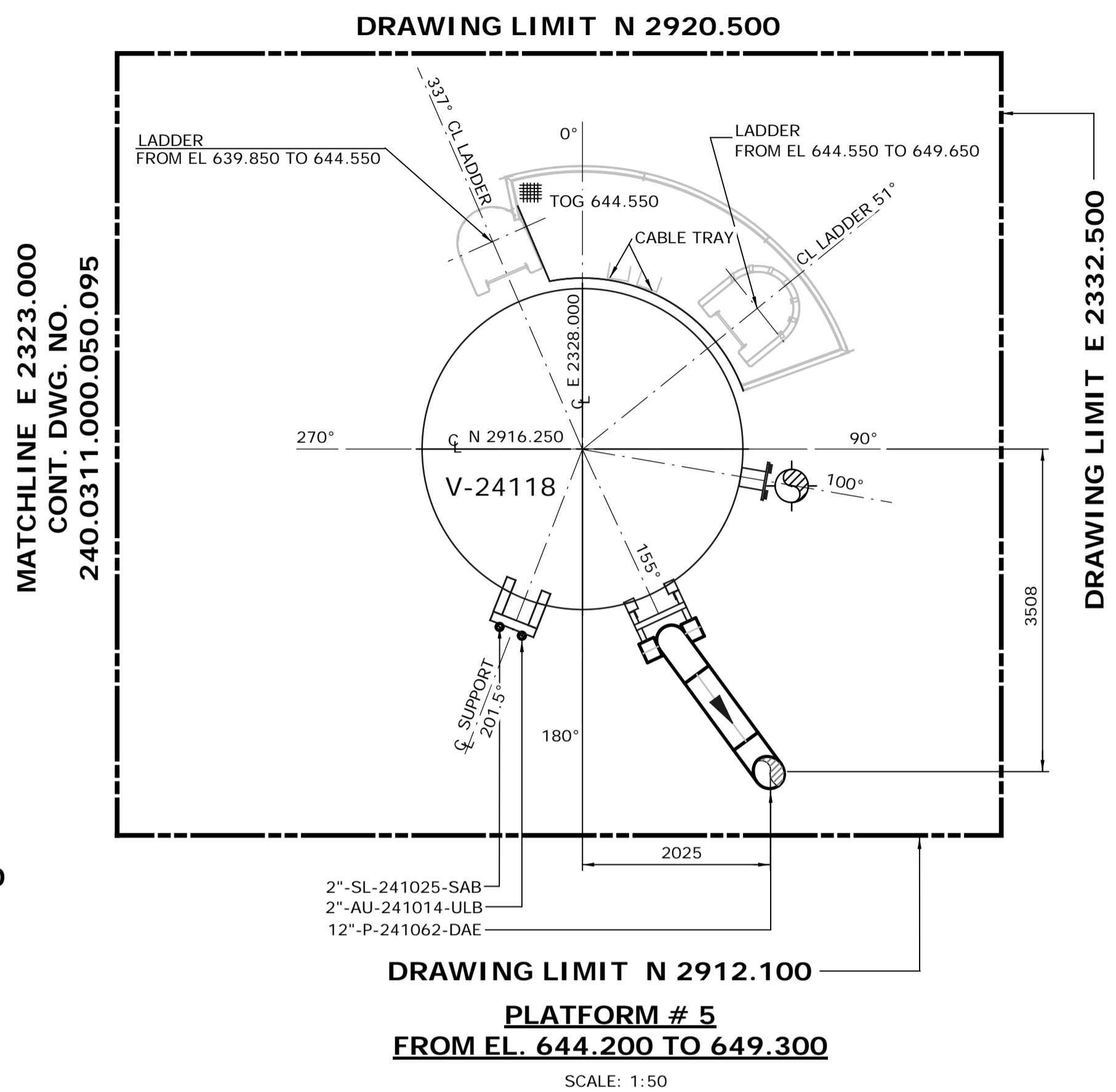
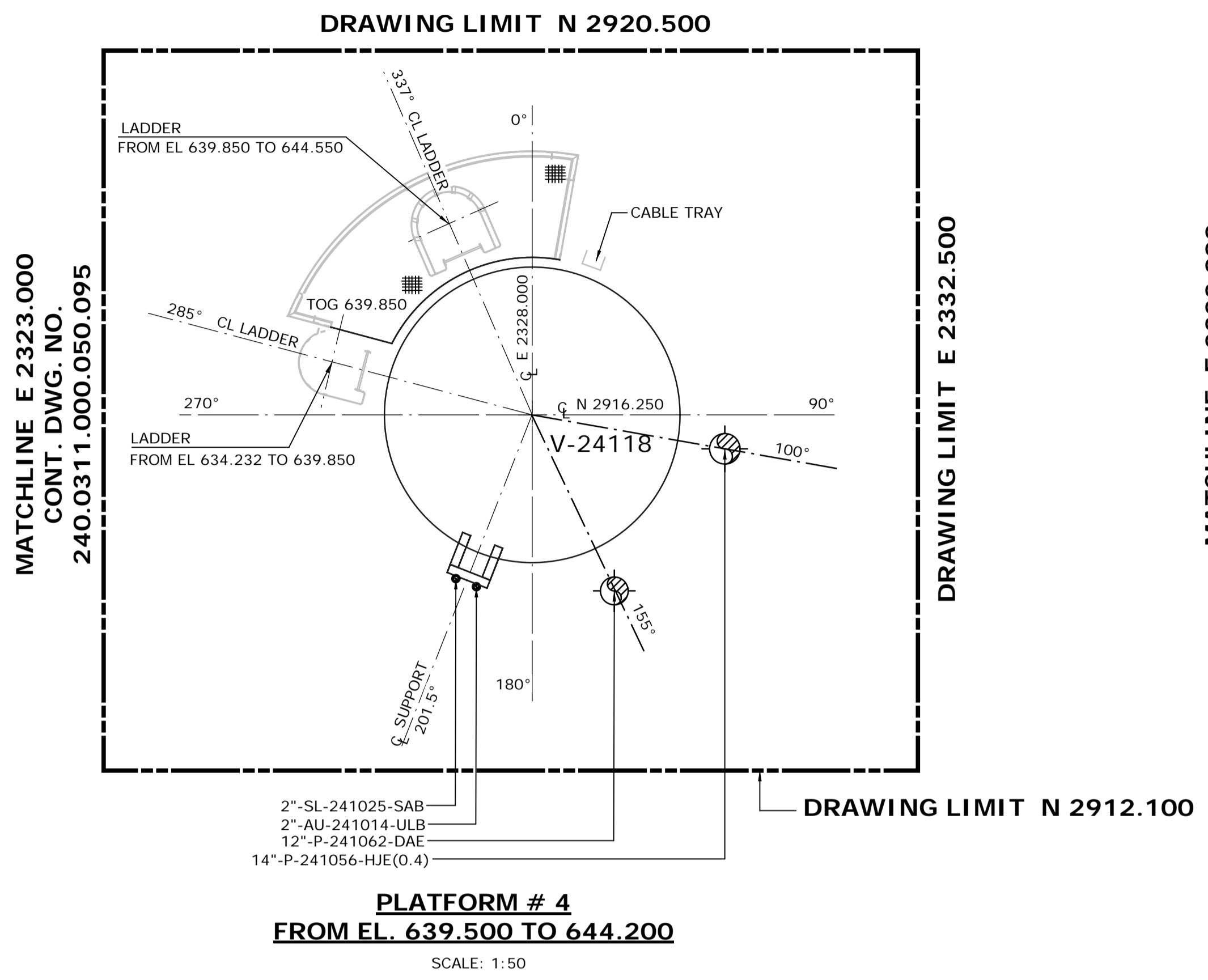
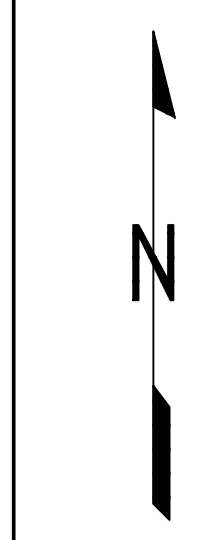
PLATFORM#2  
FROM EL. 633.900 TO 639.500  
SCALE: 1:50

ISSUED FOR CONSTRUCTION  
14 Mar 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS	PERMIT STAMP	ENGINEER STAMP
2	13/03/14	PS	REISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS		
								240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS		
								240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN		
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN		

DATE	13/02/26	SHELL CANADA	QUEST CCS PROJECT	FLUOR
DRAWN	PS			CONTRACT: ABGT
CHECKED	DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN DRESSED VESSEL 4120ABV		
LEAD	BH	PLAN FROM EL 624.000 TO 639.500		
APPROVED	N/A	SCALE	SHELL DRAWING NUMBER	REV.
CLIENT APPROVED	N/A	1: 50	240.0311.000.050.091	2

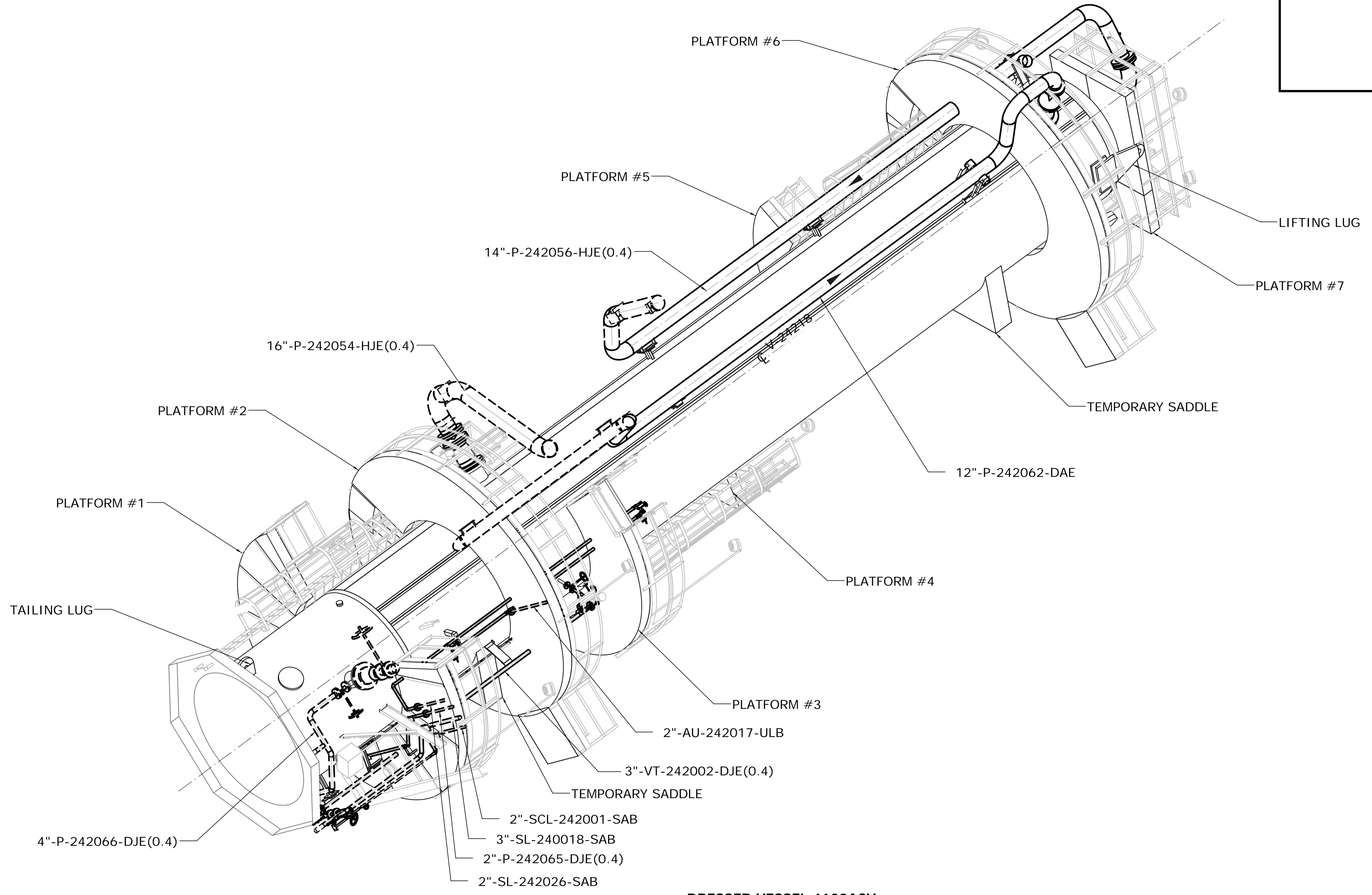
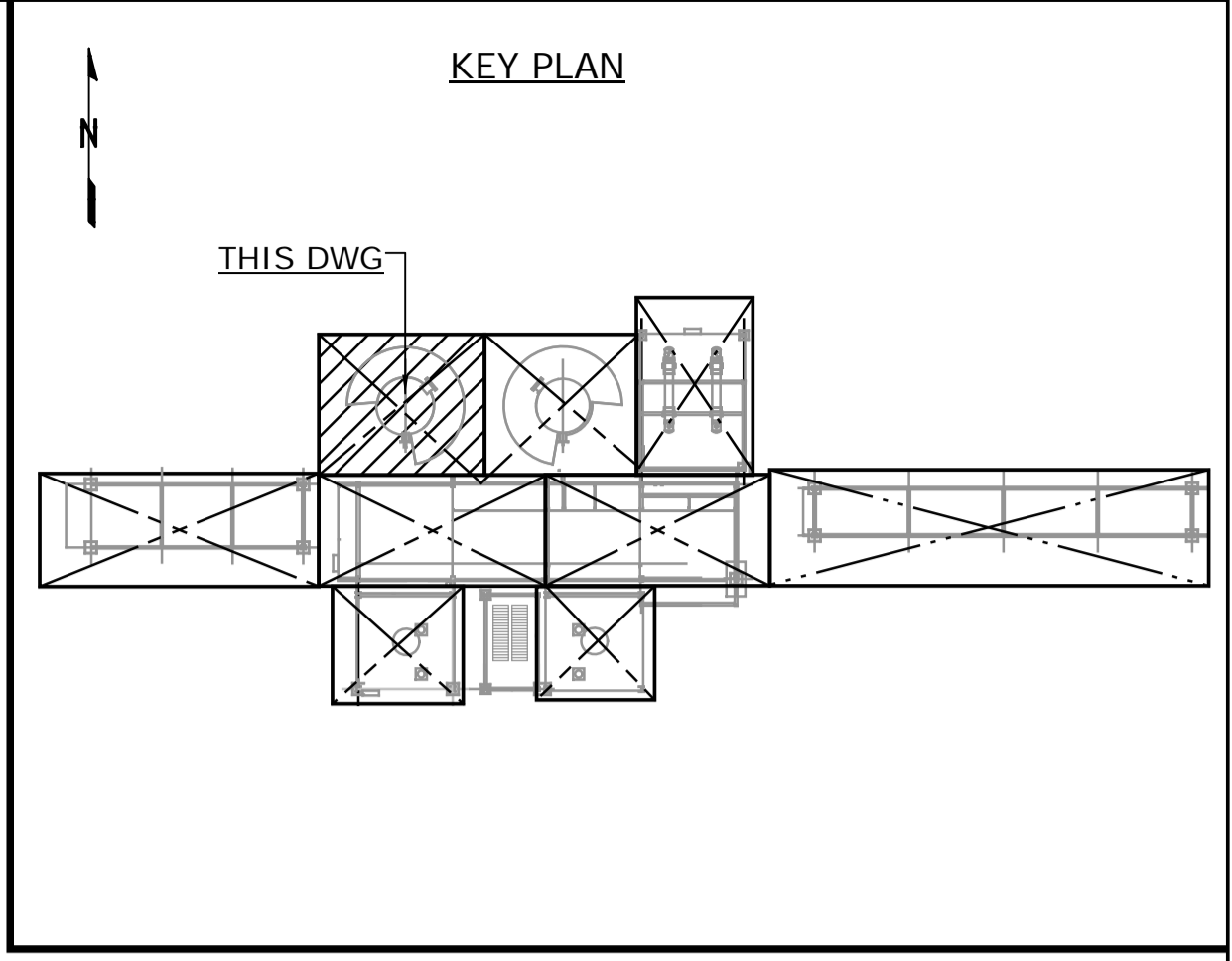


- NOTES:**
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  2. HIGH POINT FINISHED SURFACE EL. 624.000M.

**ISSUED FOR CONSTRUCTION**  
14 Mar 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
								240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS
								240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS
2	13/03/14	PS	REISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

	DATE 13/02/26	<b>SHELL CANADA</b> QUEST CCS PROJECT	<b>FLUOR</b> CONTRACT: ABGT
	DRAWN PS		
	CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN DRESSED VESSEL 4120ABV PLAN FROM EL 639.500 & ABOVE	
	LEAD BH		
	APPROVED N/A		
	CLIENT APPROVED N/A	SCALE 1: 50	REV. 2
		SHELL DRAWING NUMBER <b>240.0311.000.050.092</b>	

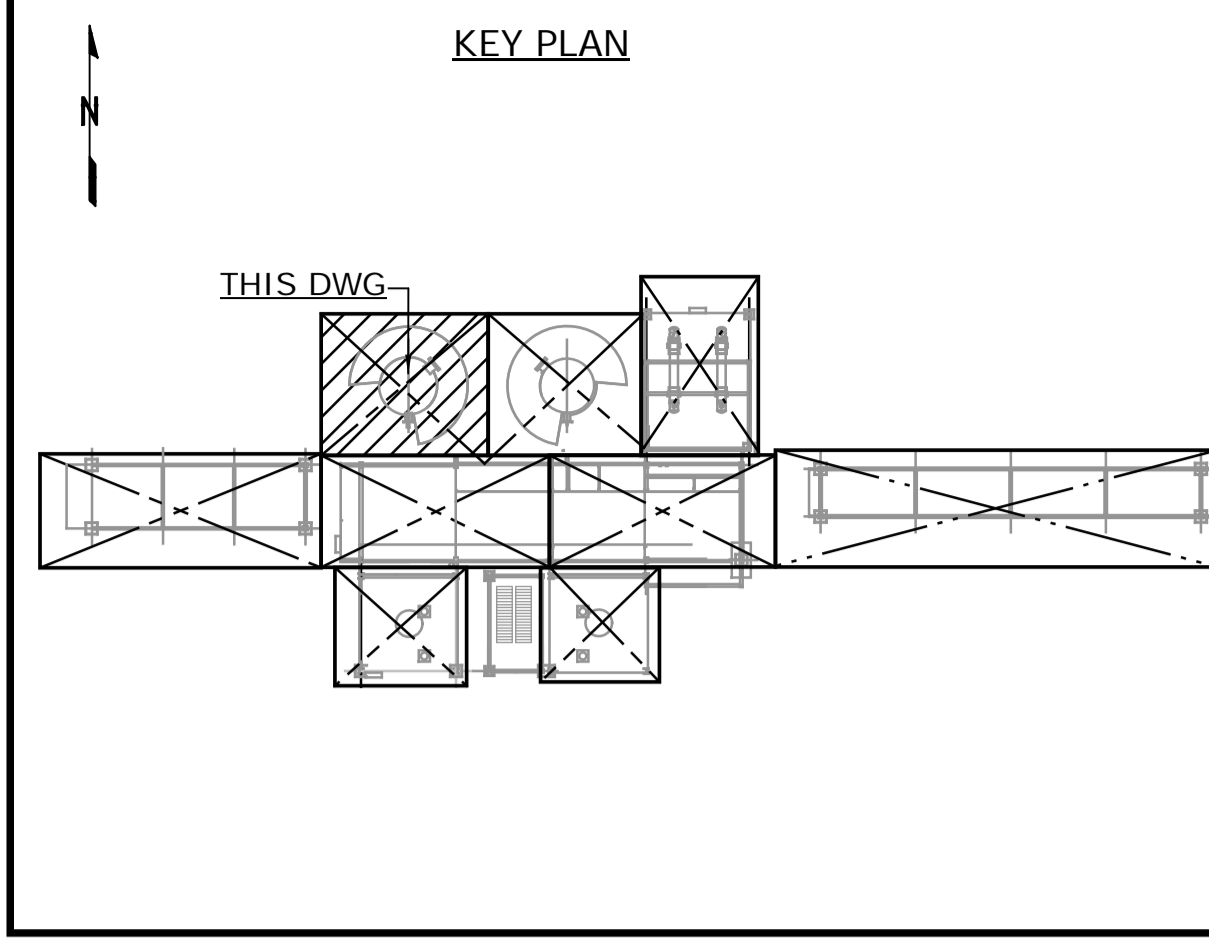
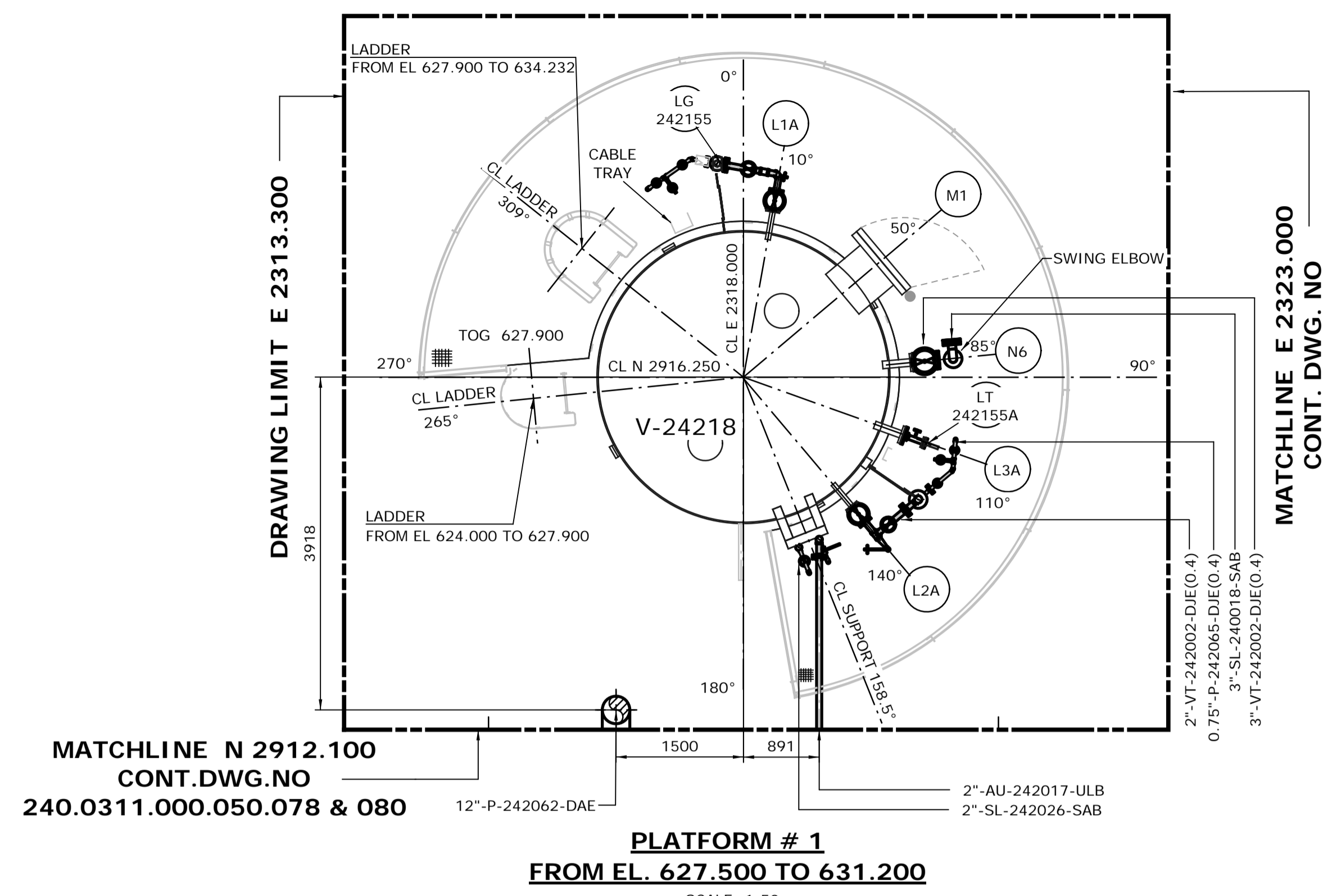
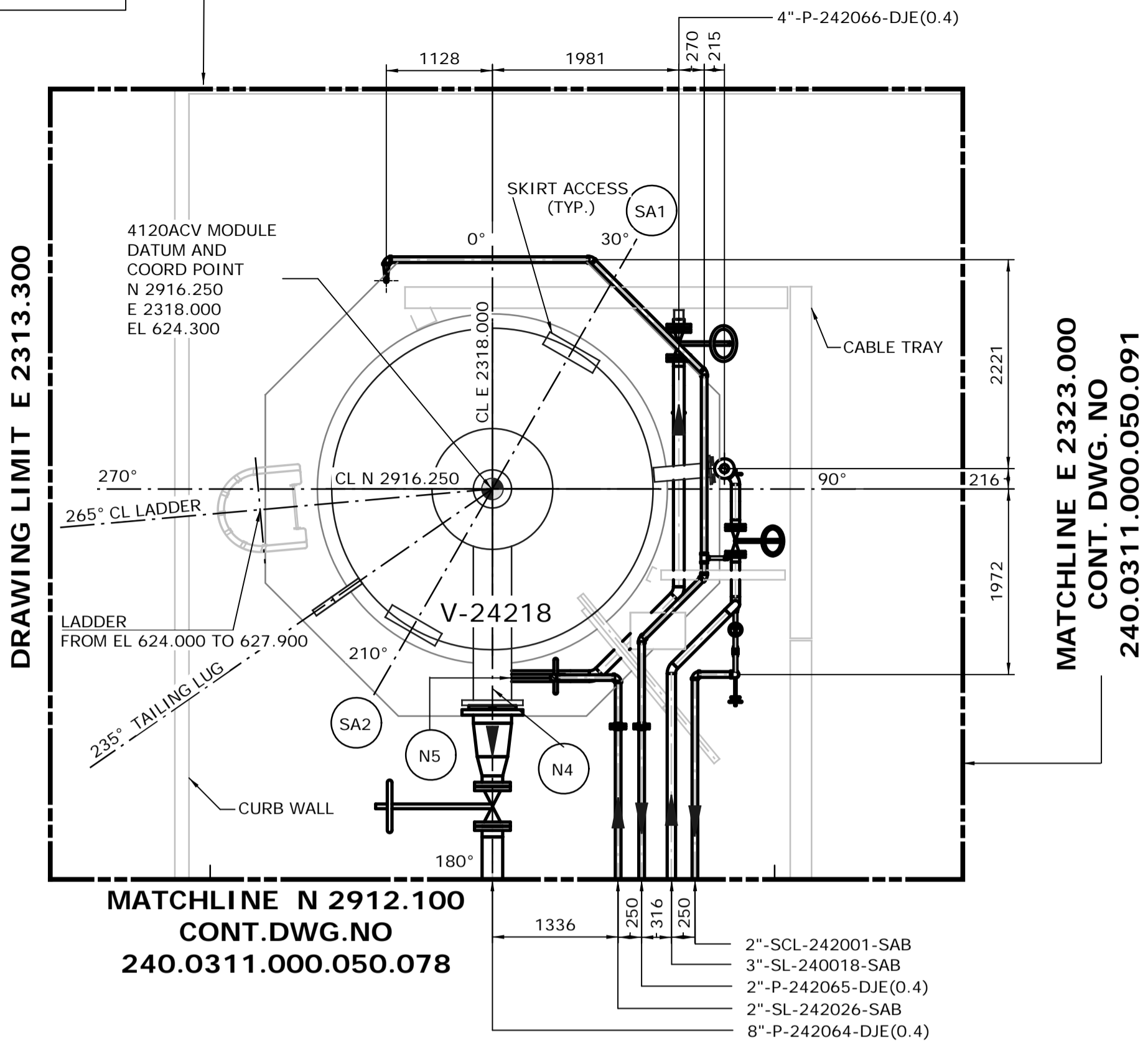


**DRESSED VESSEL 4120ACV**  
**ISOMETRIC VIEW**  
**HORIZONTAL POSITION DURING DRESSING**  
SCALE: NTS

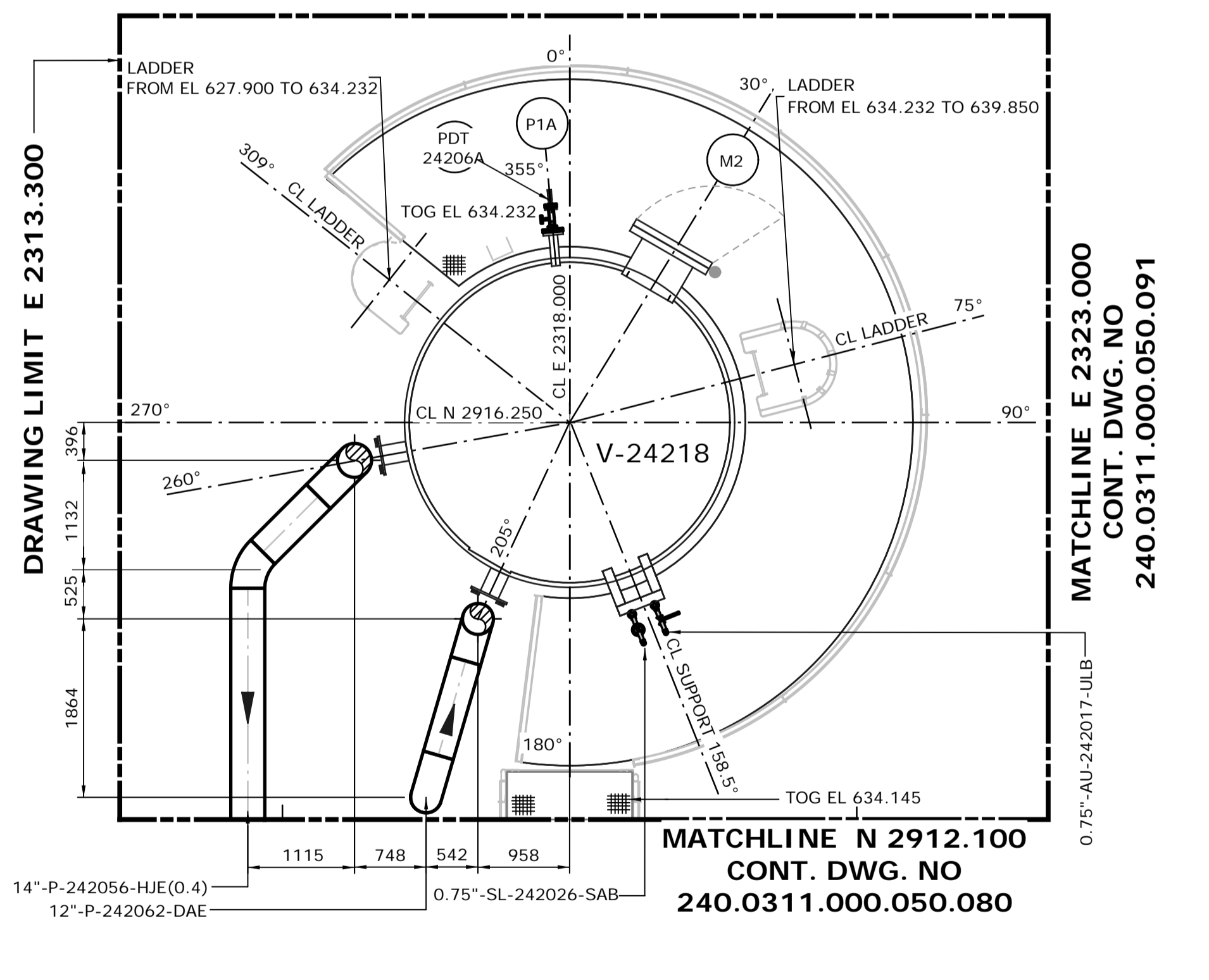
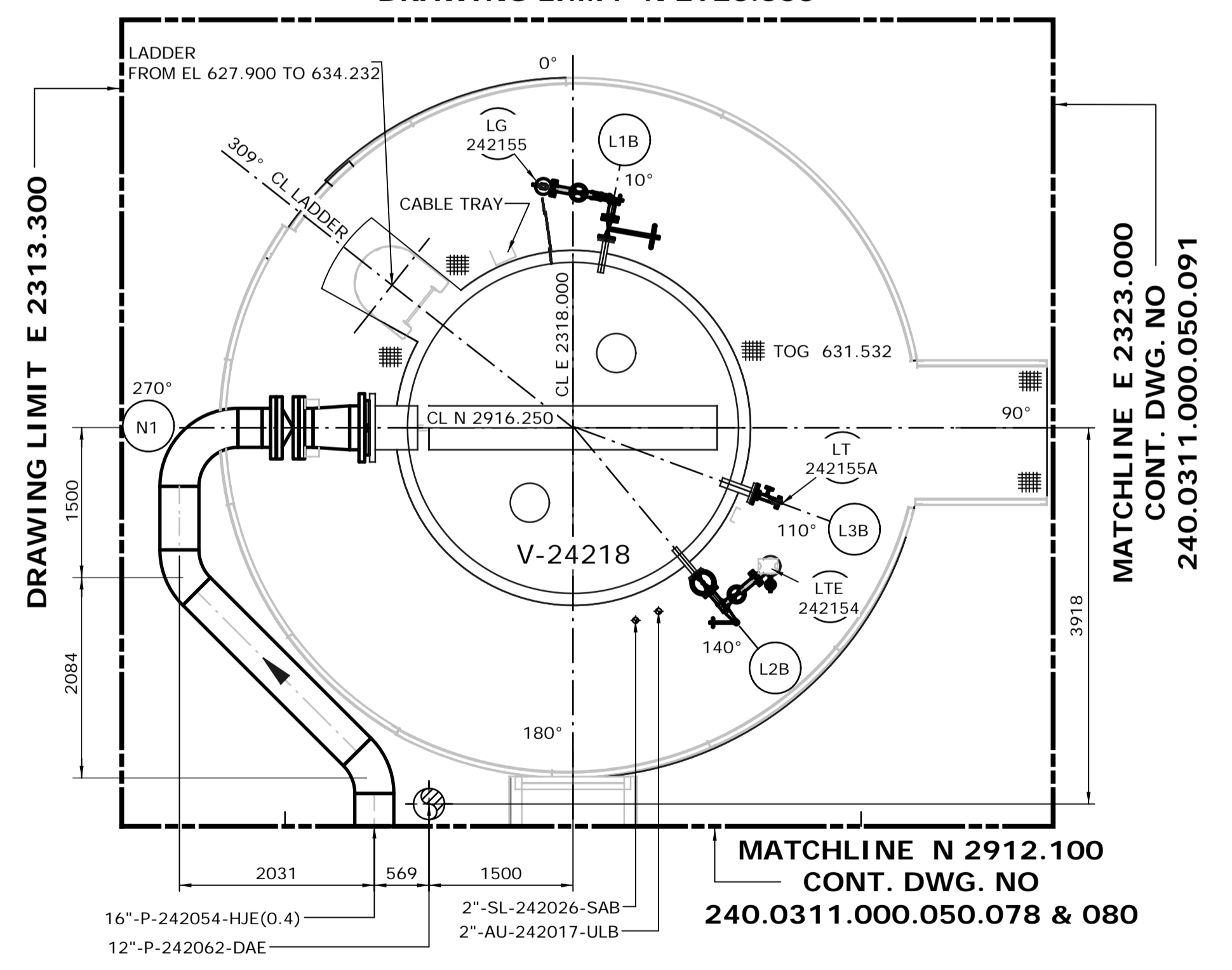
**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS
1	13/02/26	PS	ISSUED FOR CONSTRUCTION	DK	BH	N/A	N/A	240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS 240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS 240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN 240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN

DATE 13/02/26	SHELL CANADA QUEST CCS PROJECT	FLUOR CONTRACT: ABGT	
DRAWN PS			
CHECKED DK	HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN DRESSED VESSEL 4120ACV ISOMETRIC VIEW		
LEAD BH			
APPROVED N/A			
CLIENT APPROVED N/A	SCALE NTS	SHELL DRAWING NUMBER <b>240.0311.000.050.093</b>	REV. 1

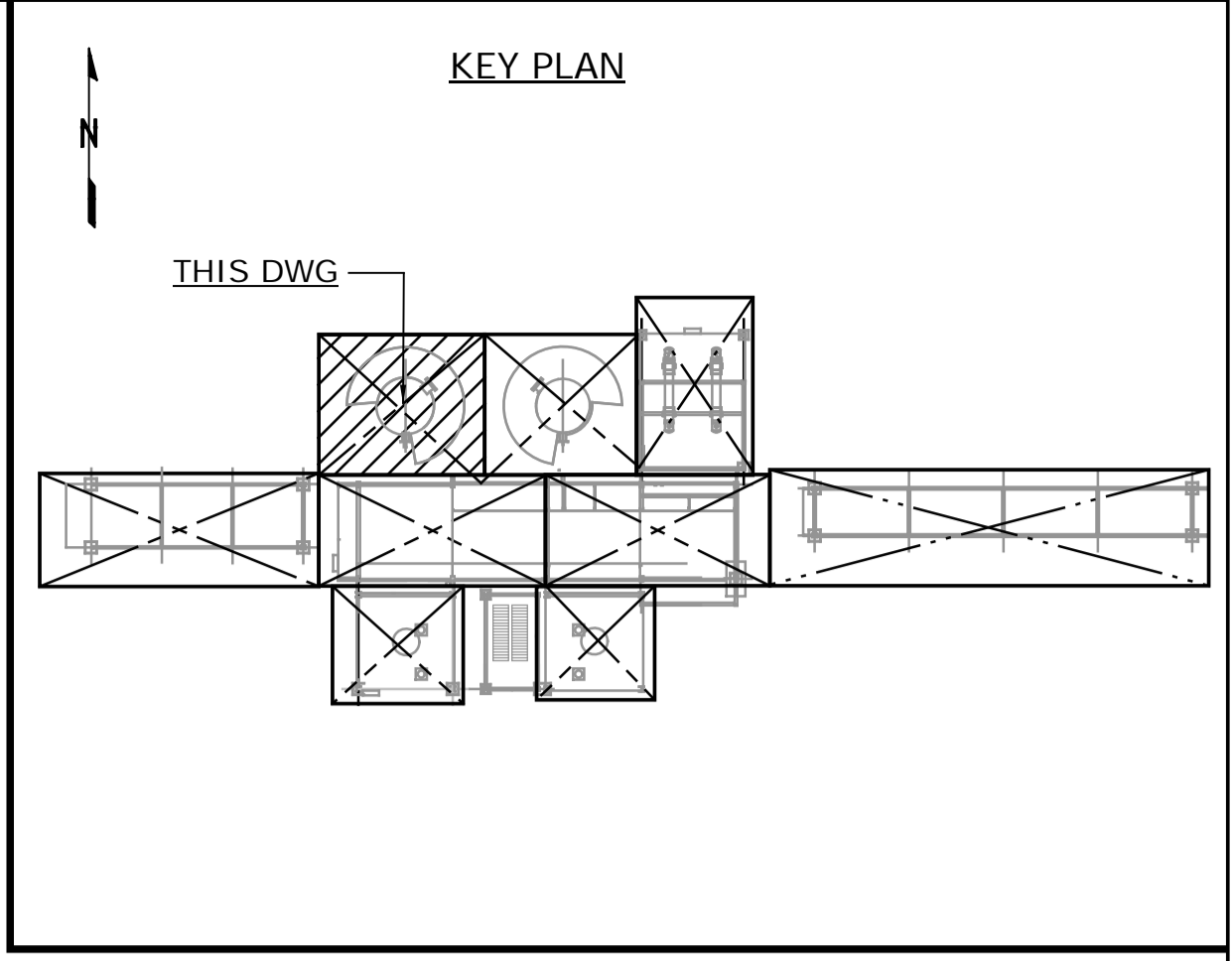


- NOTES:
- ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
  - HIGH POINT FINISHED SURFACE EL. 624.000M.

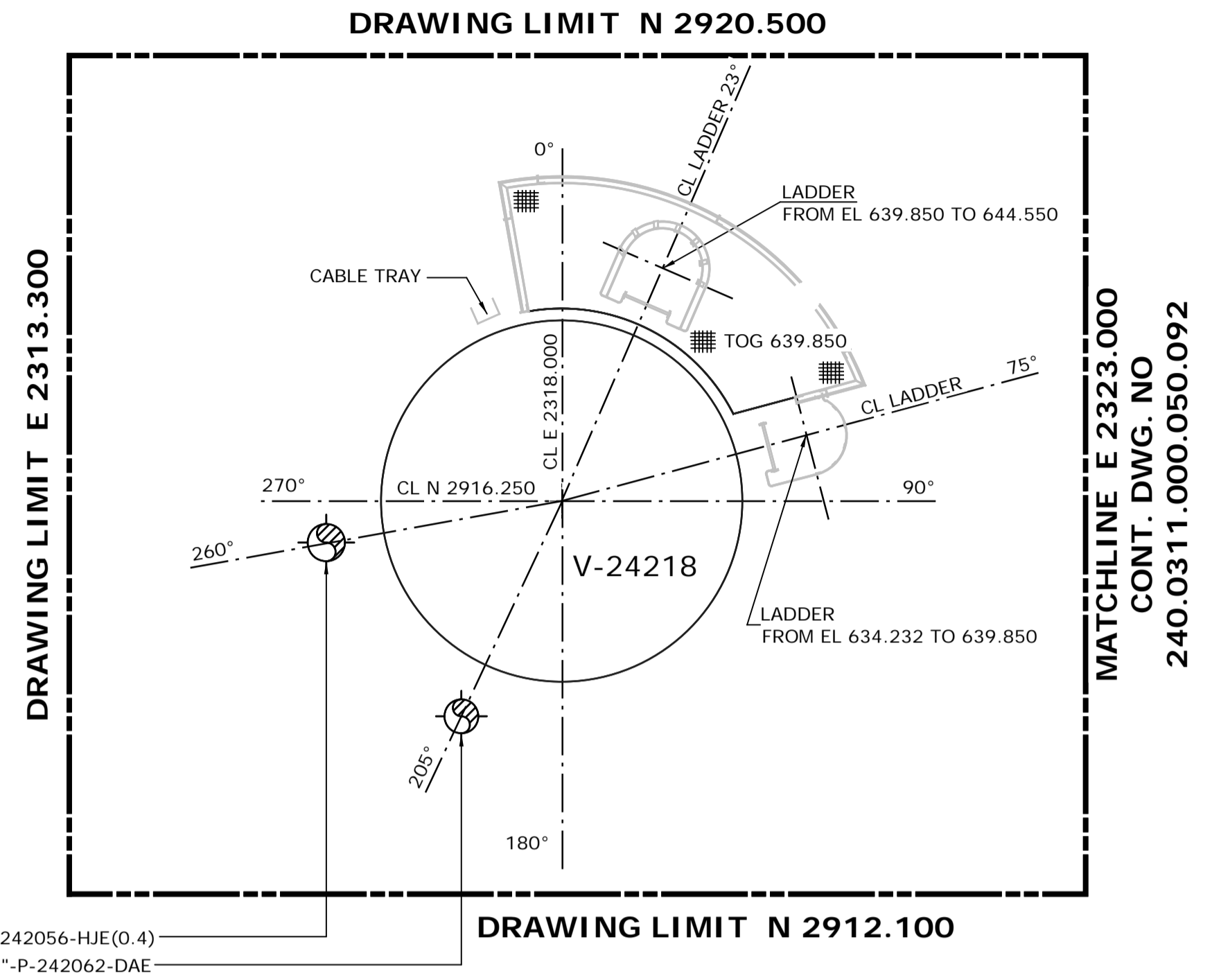


ISSUED FOR CONSTRUCTION  
28 Feb 2013

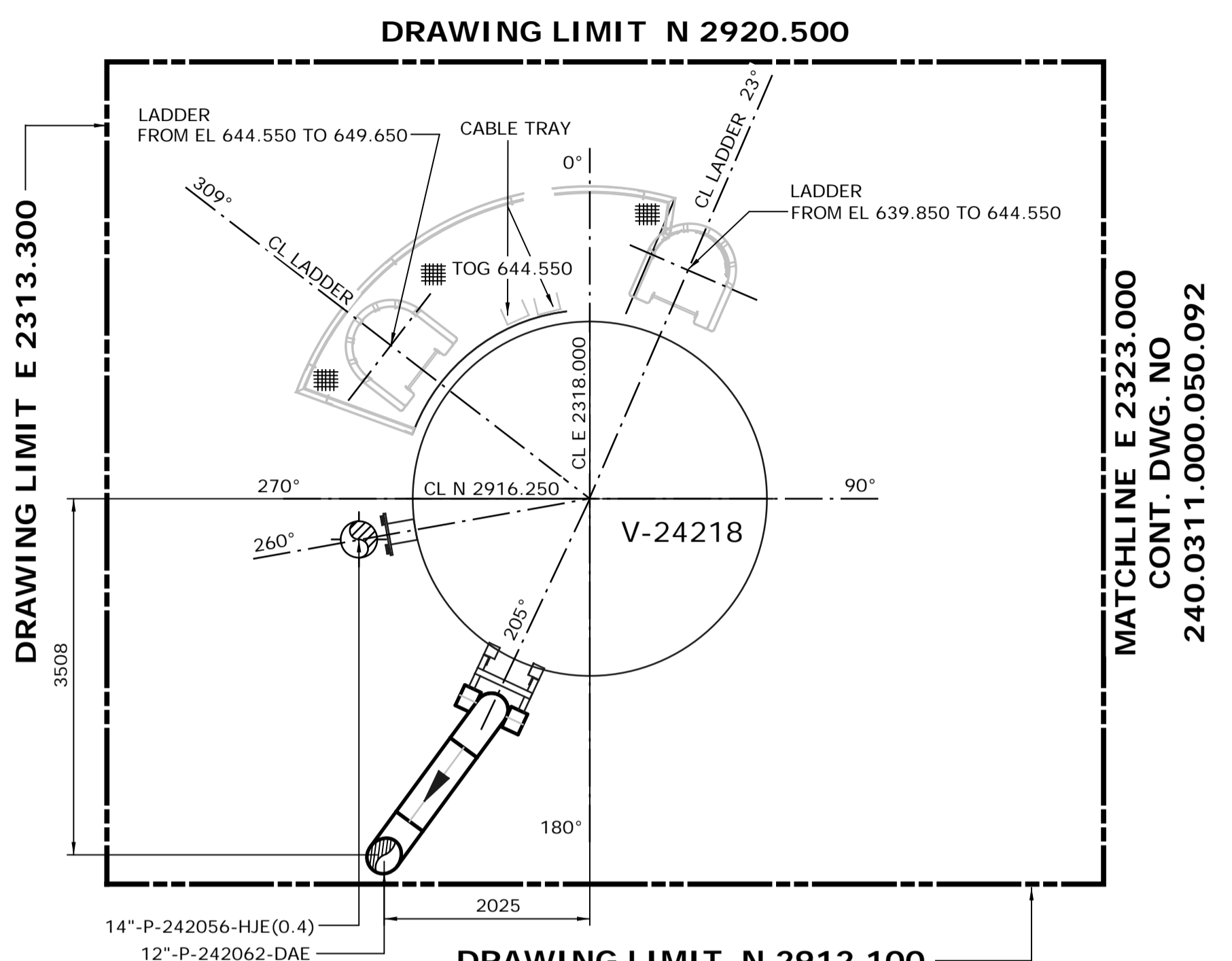
								DATE 13/02/26		SHELL CANADA QUEST CCS PROJECT		FLUOR CONTRACT ABGT	
								DRAWN PS		HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN DRESSED VESSEL 4120ACV PLAN FROM EL. 624.000 TO 639.500			
								CHECKED DK					
								LEAD BH					
								APPROVED N/A					
								CLIENT APPROVED N/A					
1 13/02/26 PS ISSUED FOR CONSTRUCTION								SCALE 1: 50		SHELL DRAWING NUMBER 240.0311.000.050.094		REV. 1	
NO. DATE DRAWN BY REVISION DESCRIPTION								PERMIT STAMP		ENGINEER STAMP			
CHECK. LEAD APPR. CLIENT								REFERENCE DRAWINGS					
240.0000.000.076.001 HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS													
240.0311.000.076.002 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS													
240.0311.000.076.001 MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN													
240.0000.000.044.001 HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN													



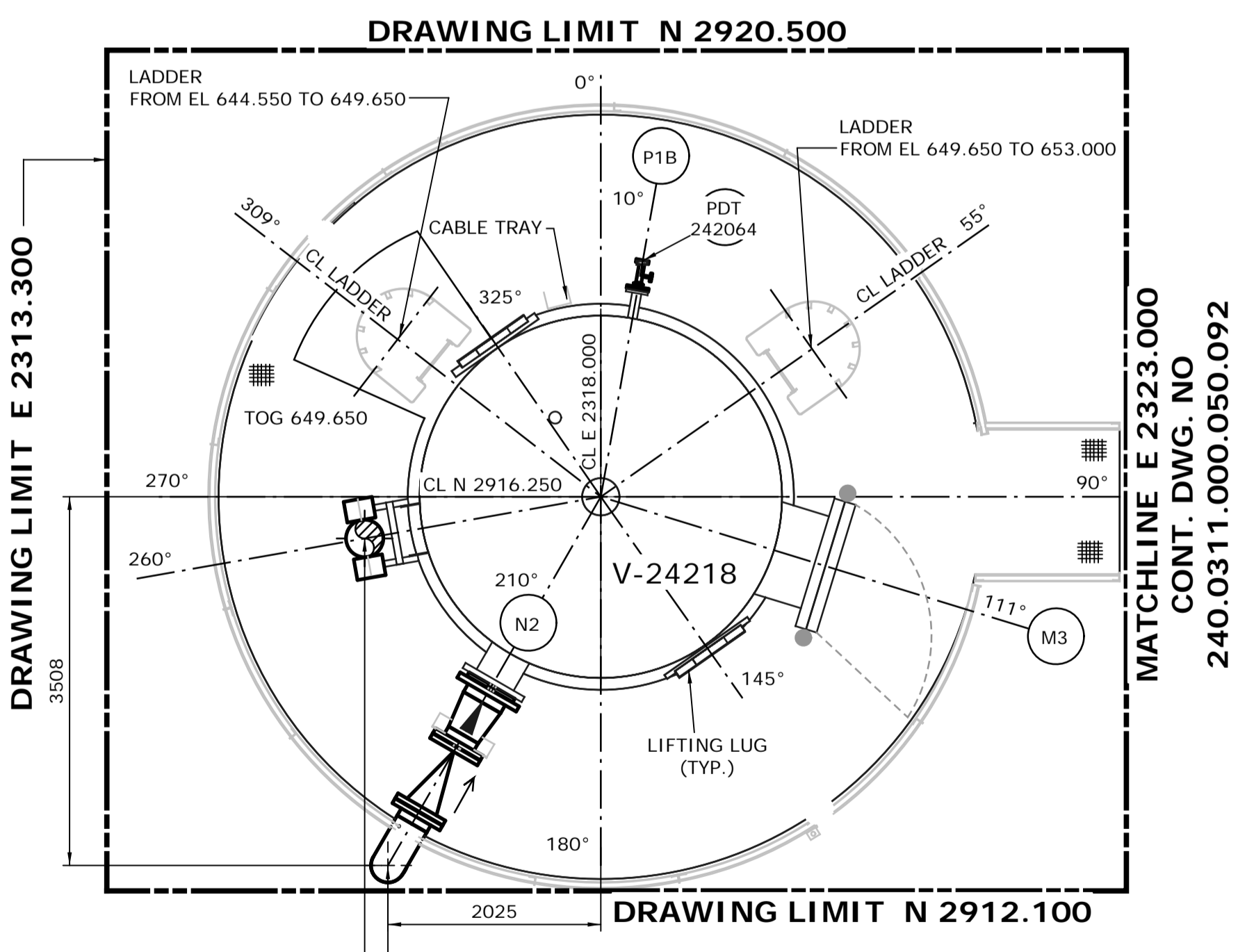
NOTES:  
1. ALL DIMENSIONS ARE IN MM, ELEVATIONS & COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.  
2. HIGH POINT FINISHED SURFACE EL. 624.000M.



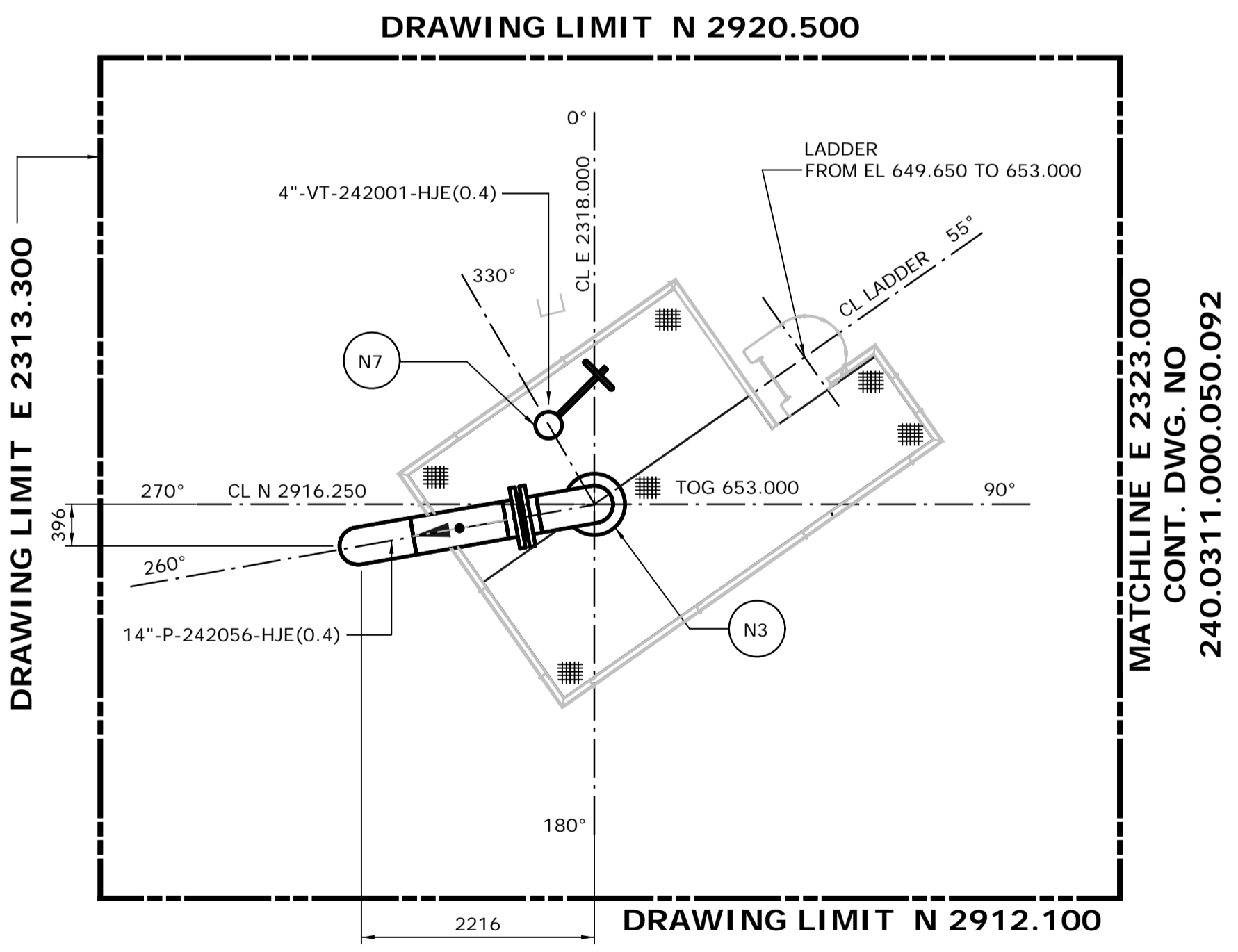
**PLATFORM # 4**  
**FROM EL. 639.500 TO 644.200**  
SCALE: 1:50



**PLATFORM # 5**  
**FROM EL. 644.200 TO 649.300**  
SCALE: 1:50



**PLATFORM # 6**  
**FROM EL. 649.300 TO 652.700**  
SCALE: 1:50



**PLATFORM # 7**  
**FROM EL. 652.700 & ABOVE**  
SCALE: 1:50

**ISSUED FOR CONSTRUCTION**  
28 Feb 2013

								DATE 13/02/26		SHELL CANADA QUEST CCS PROJECT		FLUOR CONTRACT: ABGT			
								DRAWN PS		HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING PLAN DRESSED VESSEL 4120ACV PLAN FROM EL. 639.500 & ABOVE					
								CHECKED DK							
								LEAD BH							
								APPROVED N/A							
1 13/02/26 PS ISSUED FOR CONSTRUCTION								APPROVED N/A		SCALE 1: 50		SHELL DRAWING NUMBER 240.0311.000.050.095		REV. 1	
NO.	DATE	DRAWN BY	REVISION DESCRIPTION	CHECK.	LEAD	APPR.	CLIENT	REFERENCE DRAWINGS		90°	PERMIT STAMP	ENGINEER STAMP			
								240.0000.000.076.001		HYDROGEN MANUFACTURING UNIT ABOVE GROUND PIPING KEY PLAN INDEX TO PIPING PLANS					
								240.0311.000.076.002		MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 ELEVATION VIEWS					
								240.0311.000.076.001		MODULE INDEX CO2 CAPTURE SCOPE HMU 1 & 2 OVERALL PLOT PLAN					
								240.0000.000.044.001		HYDROGEN MANUFACTURING UNIT OVERALL PLOT PLAN					
								CADD DRAWING NO. \$\$\$\$SPEC\$		LAST UPDATE: \$\$\$S\$TIME\$\$\$		DWG. FILE UPDATED - YES NO <input type="checkbox"/>		MODEL UPDATED - YES NO <input type="checkbox"/>	