

N05-A Wabo-Vergunningsaanvraag

Bijlage 2 Plotplan & Zijaanzichten

september '20

ONE-Dyas B.V.

Parnassusweg 815
1082 LZ Amsterdam
The Netherlands



Date: 11 september 2020

Report No.: N05A-1-82-0-15500-02

Issue No.: 1.0

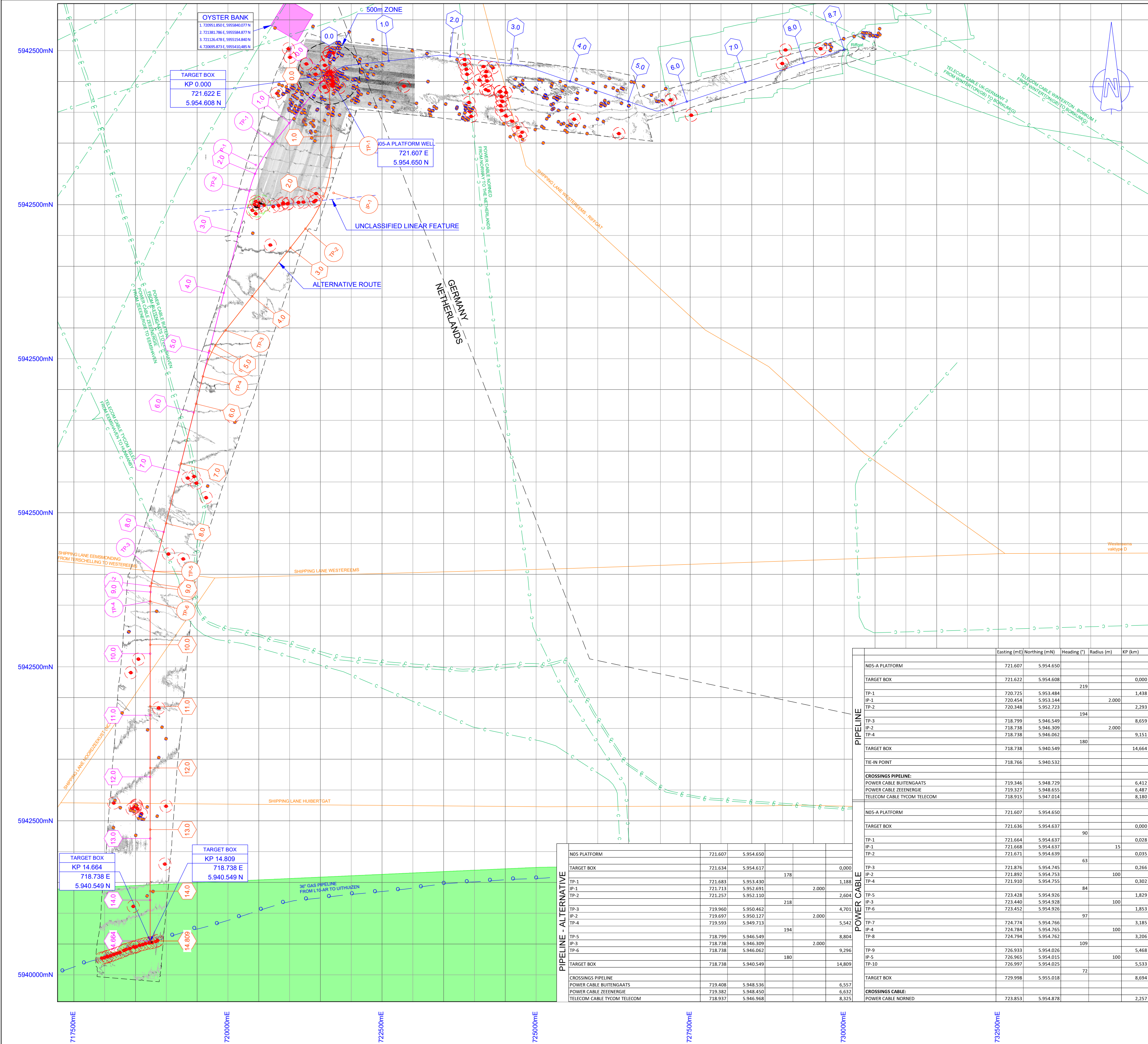
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1 Overall Field Layout

Pipeline Route - Overall Field Layout



REFERENCES

N05A-7-50-0-72018-01/06
01-06
N05A-7-50-0-72019-01
N05A-7-10-0-70032-01

Pipeline alignment sheet - Buried / Unburied option - sheet
Approach drawing @ N05A
Approach drawing @ NGT

GE0xyz
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LU0022H-553_A3_1905_UTM31-ED50_LAT_MB_#0.5 + EXTRA POLYGON
LU0022H-553_A4_1905_UTM31-ED50_LAT_MB_#0.5
LU0022H-553_A5_1905_UTM31-ED50_LAT_MB_#0.5

LEGEND

GENERAL

- 1.0 KILOMETER MARKER
- PIPELINE: N05A - NGT
- CABLE: N05A - RIFFGAT
- BOUNDARY OF SURVEY AREA
- EXISTING PIPELINE
- EXISTING CABLE
- SHIPPING LANE RIJKSWATERSTAAT
- ROCKDUMP
- NATURA2000
- OYSTERBANK

BATHYMETRY AND SEABED FEATURES

- 0.5 CONTOUR LINE AT 1m INTERVAL
- SONAR CONTACT
- DEPRESSION
- MOUND
- AS-FOUND WELLHEAD
- CPT05
- VC05
- 65mT
- WRECK
- CONE PENETRATION TEST
- VIBRE CORE
- MAGNETIC ANOMALY

GEODETIC PARAMETERS

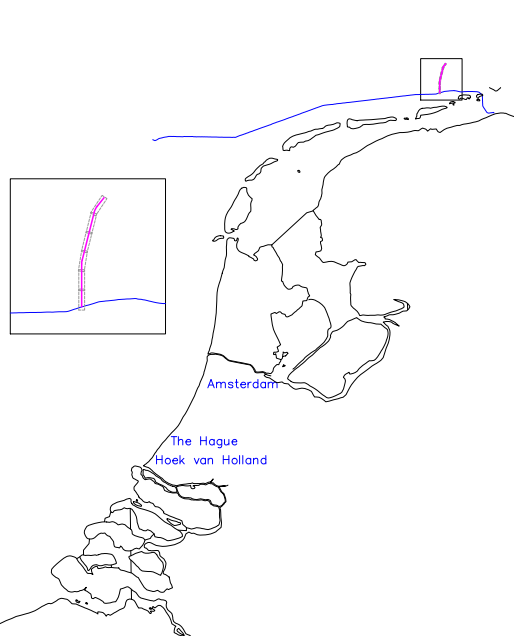
PROJECTED CRS: ED50/UTM zone 31N (EPSG: 23031)

Horizontal Datum Name: European Datum 1950 North Sea -UKCS
Projection Name: Universal Transverse Mercator

Ellipsoid: International 1924 (Hayford 1909)
Semi major axis a = 6 378 388.000
Semi minor axis b = 6 356 911.946
Inverse Ellipticity 1/f = 297.000
Excentricity squared e = 0.006 722 670

Zone : North 31
Central meridian : 3° East
Latitude of origin : Equator
False Easting : 500 000.00 m
False Northing : 0.00 m
Scale factor on C.M.: 0.999 6

WGS84 to ED50 TRANSFORMATION: UK0AA (EPSG: 1311)



KEYPLAN

Rev	Date	Description	Drawn	Eng.	Check	Appr.	Client
06	03-04-2020	ALTERNATIVE PIPELINE ROUTE	Svdv	-	PF	PF	
05	04-02-2020	CLIENT COMMENTS INCORPORATED	Svdv	-	PF	PF	
04	18-12-2019	CLIENT COMMENTS INCORPORATED	Svdv	-	PF	PF	
03	06-12-2019	FOR COMMENTS	Svdv	-	PF	PF	
02	20-11-2019	REROUTING OF PIPELINE & CABLE	Svdv	-	-	-	

Jan Evertsenweg 12
3115 JA Schiedam
The Netherlands
+31(0) 103132100
info@enersea.nl

Client
ONEDyas B.V.

Project
N05-A TO NGT PIPELINE

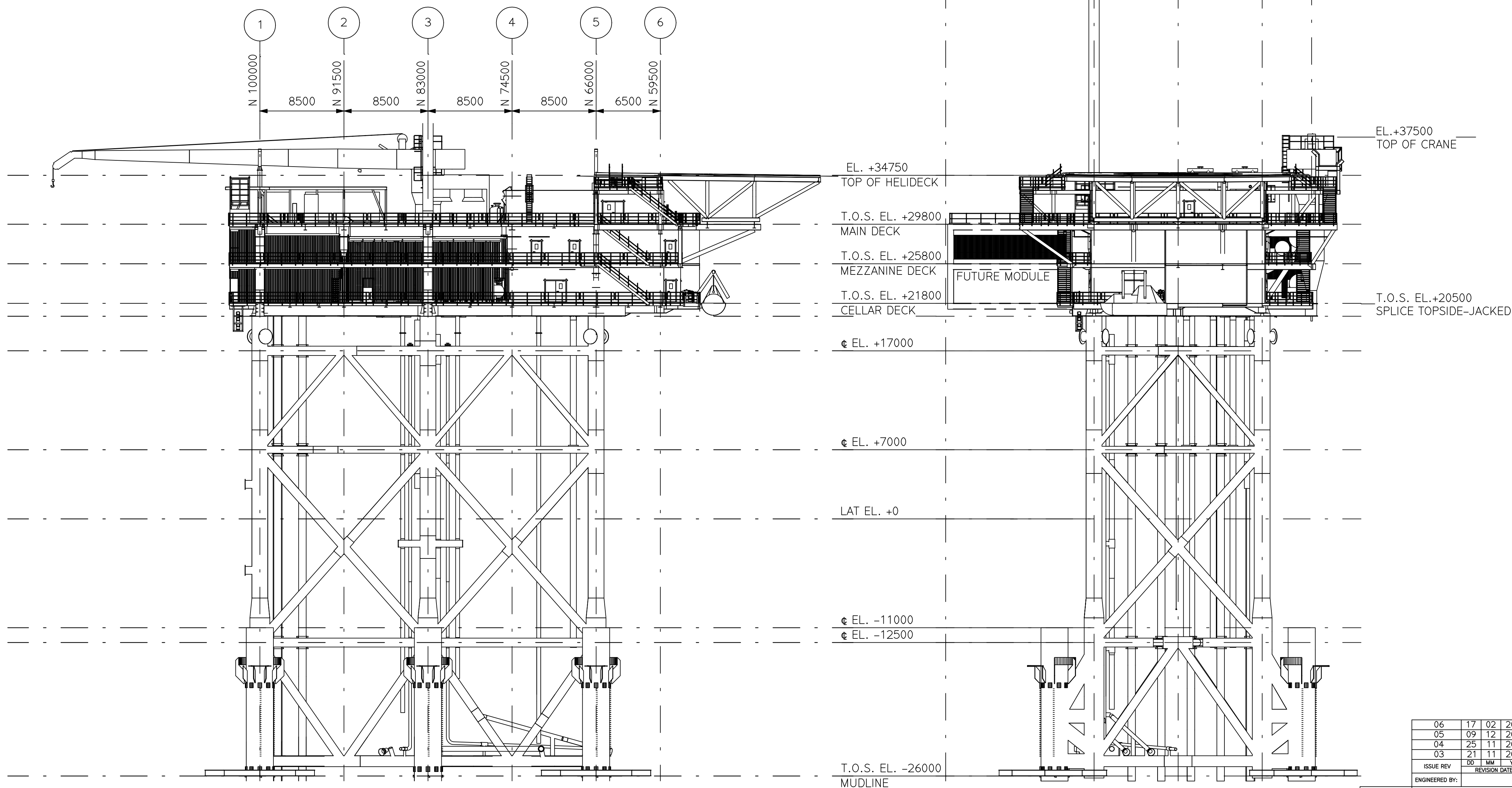
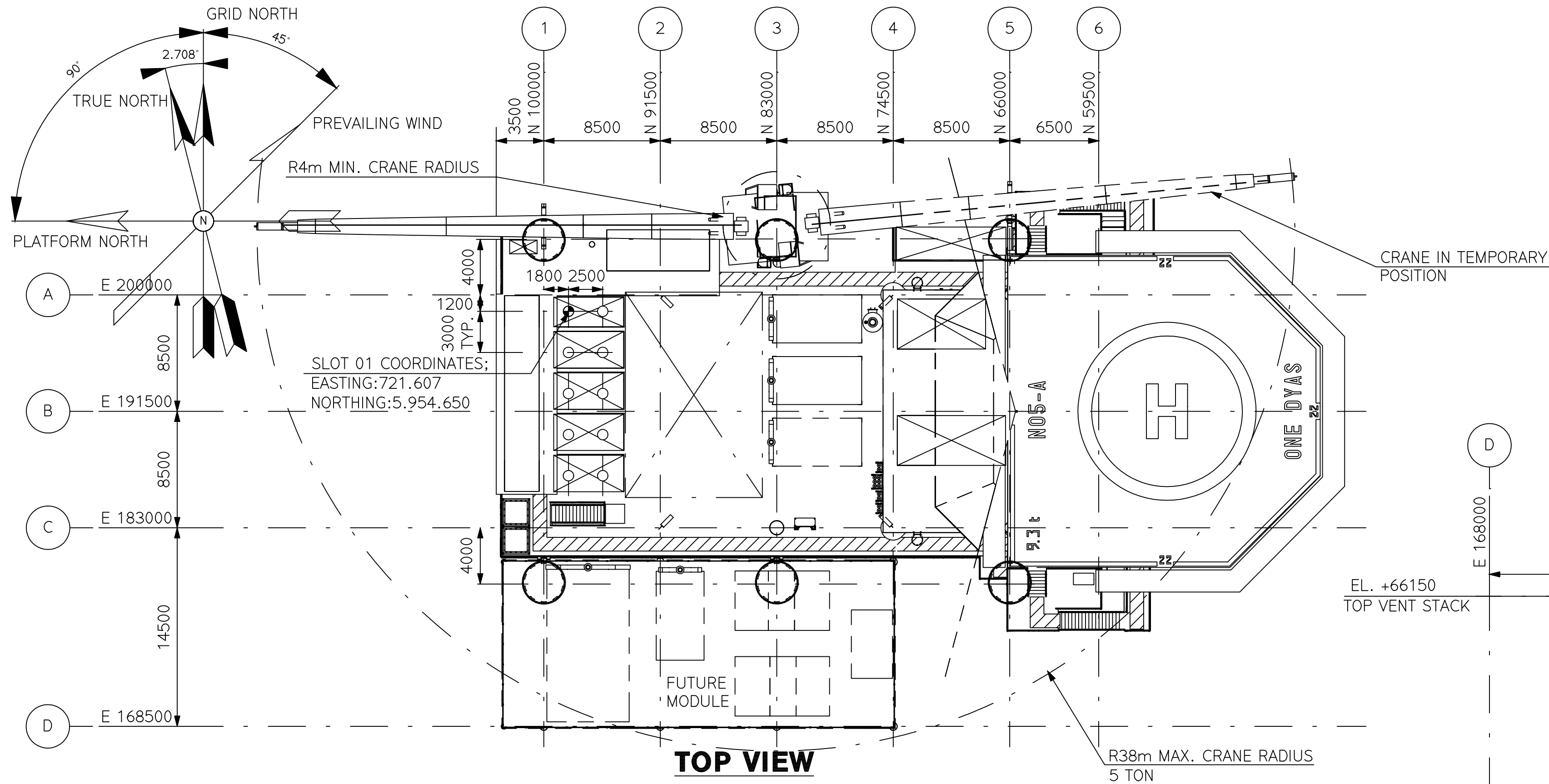
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**Pipeline Route
Overall Field Layout**

Scale: **1:30000**
Size: **A1**

Project number: **19018** Document Number: **N05A-7-51-0-72510-01**

3 Proces Flow Diagrams

Process Flow Diagram - Main Process



LOOKING
EAST

LOOKING
NORTH

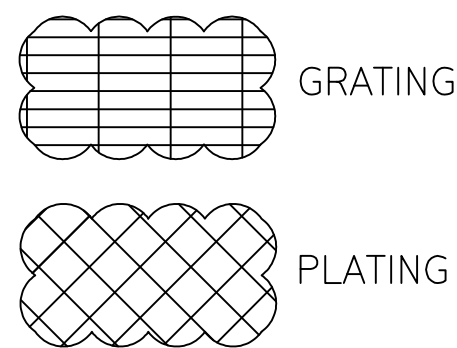
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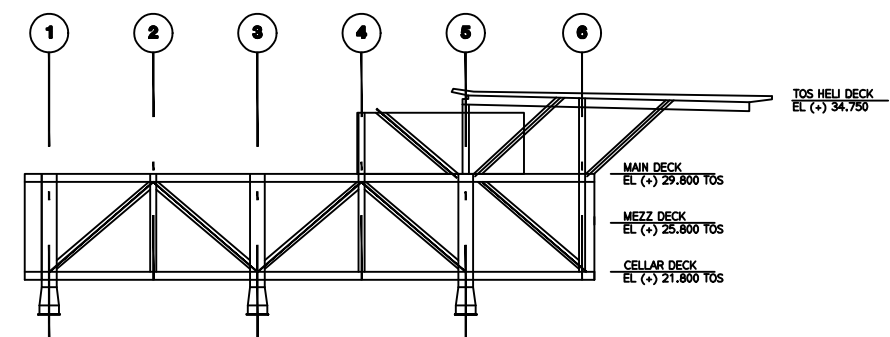
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N05A-4-51-0-42502-01	MAIN DECK & HELI DECK
N05A-4-51-0-42503-01	HELI DECK
N05A-4-51-0-42504-01	MAIN DECK
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N05A-4-51-0-42506-01	CELLAR DECK

HOLDS



KEYPLAN



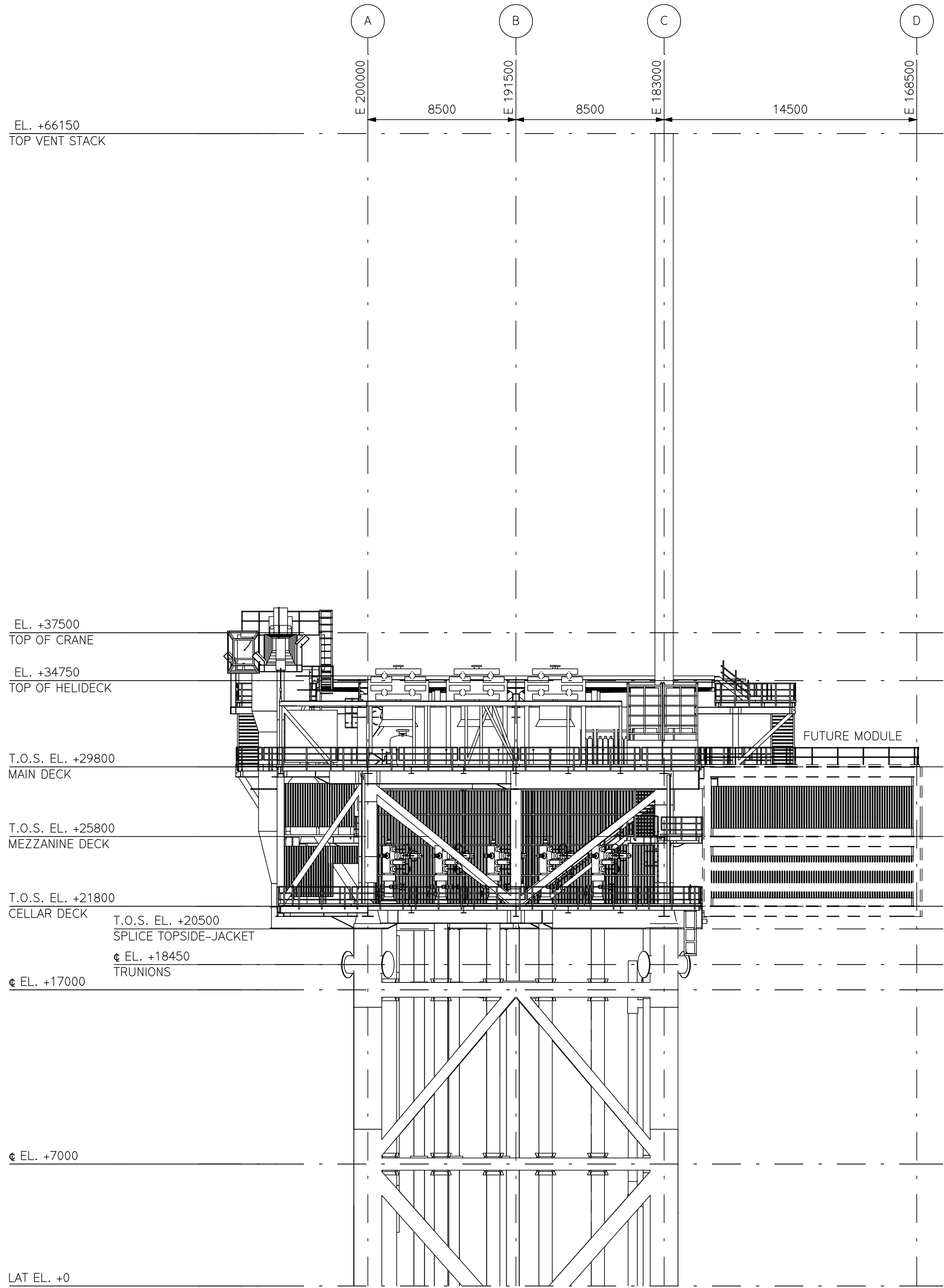
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03	21	11	2019	FINAL FOR FEED UPDATED	RWA	ABI	SRO
BY:	BY:	BY:	BY:	APPROVED BY:			



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SIDE VIEW
LOOKING SOUTH



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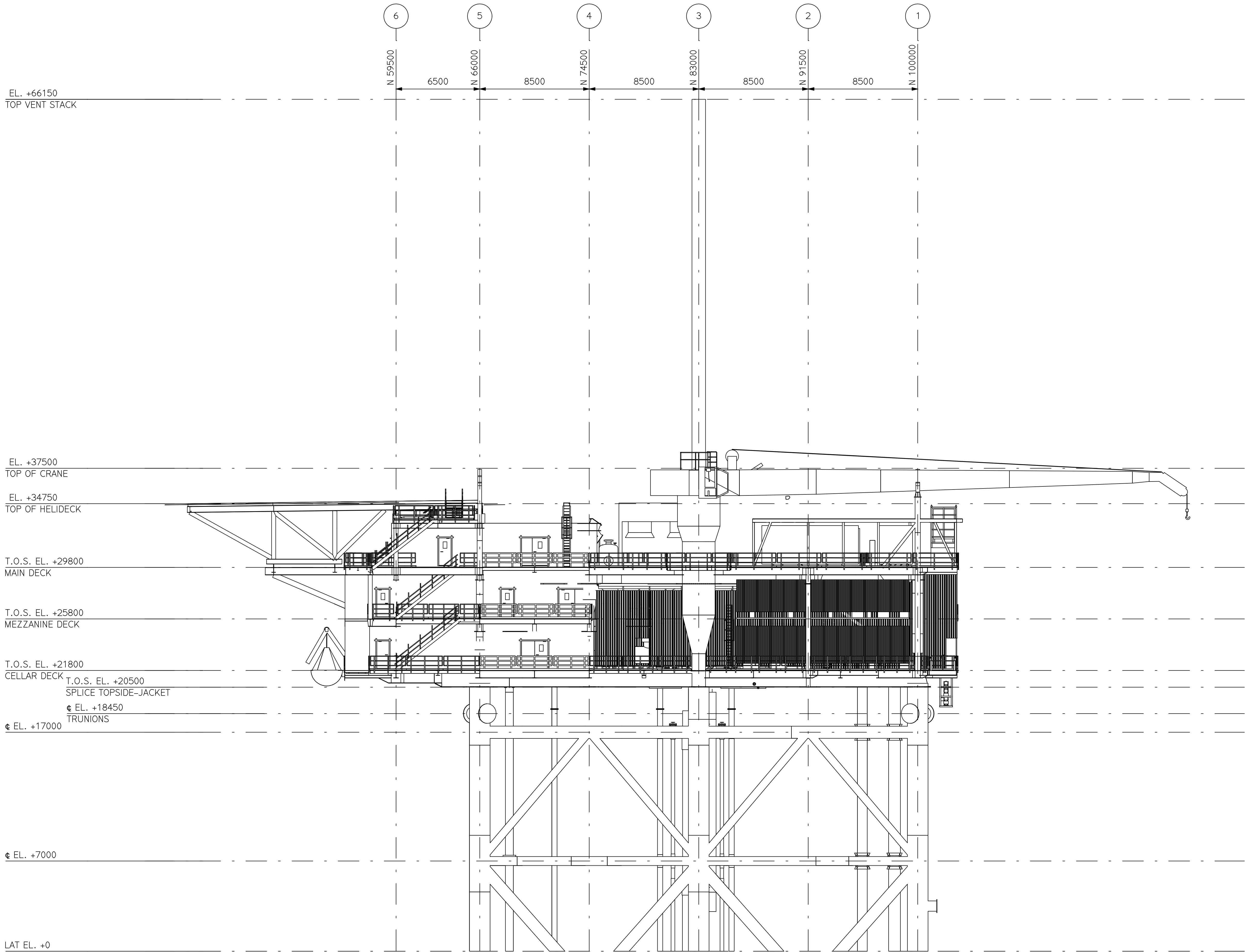
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LOOKING SOUTH									
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ONE-Dyas B.V. Amsterdam									
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N05A-4-51-0-42506-01	CELLAR DECK
N05A-4-51-0-42522-01	GENERAL ARRANGEMENT

HOLDS



EL. +66150
TOP VENT STACK

EL. +37500
TOP OF CRANE

EL. +34750
TOP OF HELIDECK

T.O.S. EL. +29800
MAIN DECK

T.O.S. EL. +25800
MEZZANINE DECK

T.O.S. EL. +21800
CELLAR DECK

T.O.S. EL. +20500
SPLICE TOPSIDE-JACKET

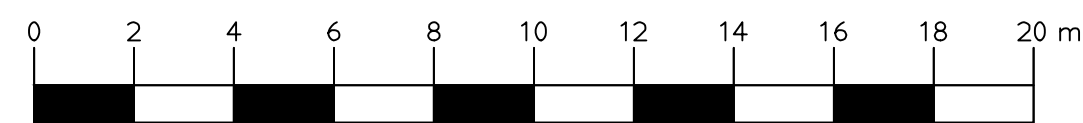
EL. +18450
TRUNIONS

EL. +17000

EL. +7000

LAT EL. +0

**SIDE VIEW
LOOKING WEST**



SCALE 1:150



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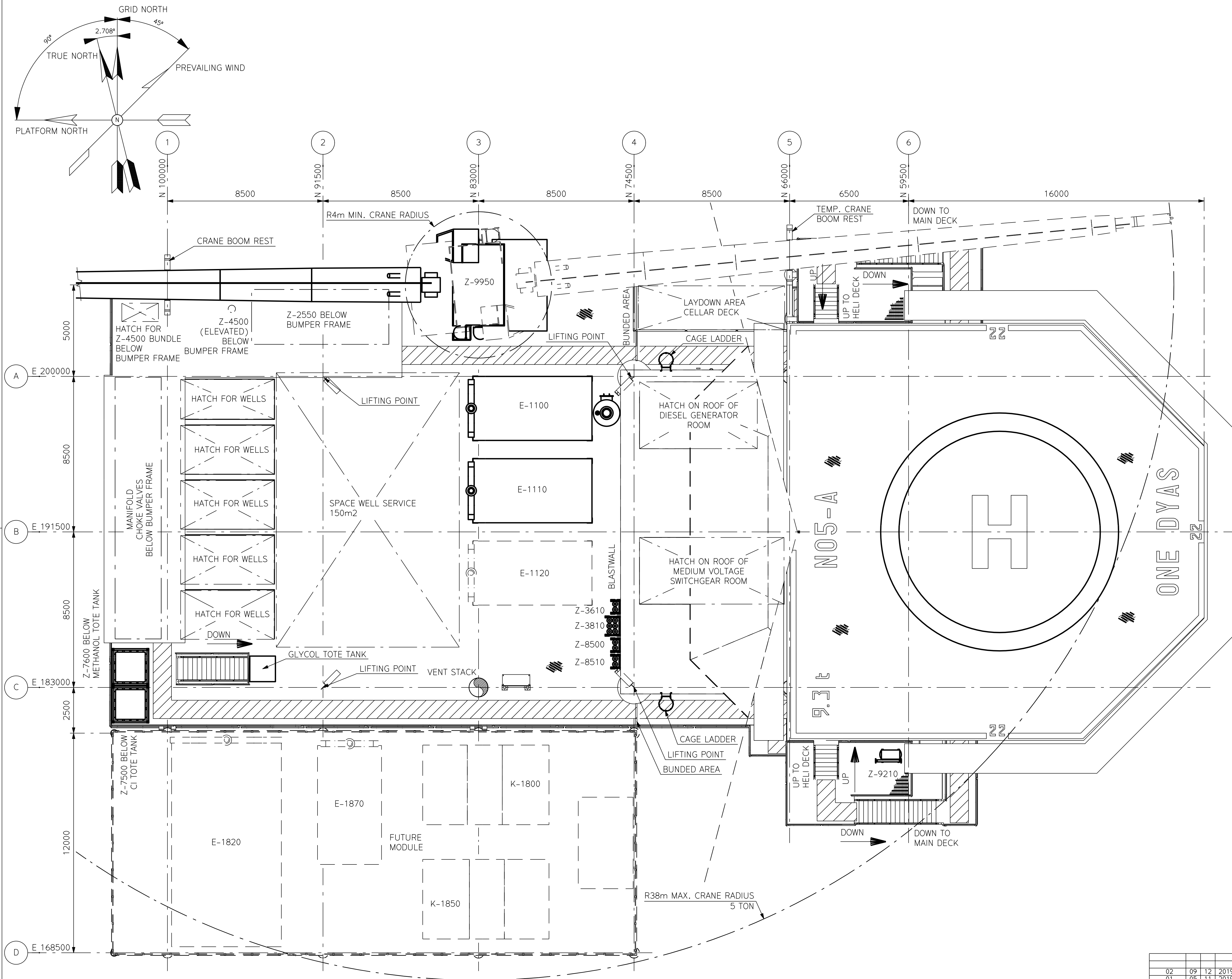
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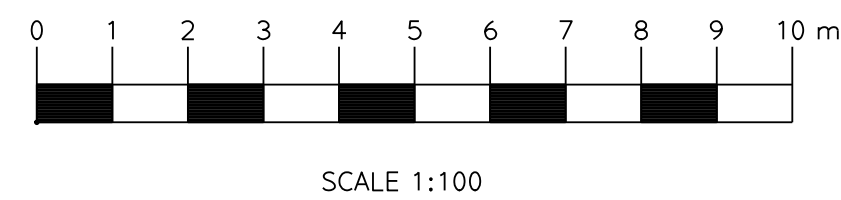
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N05A-4-51-0-42504-01	MAIN DECK
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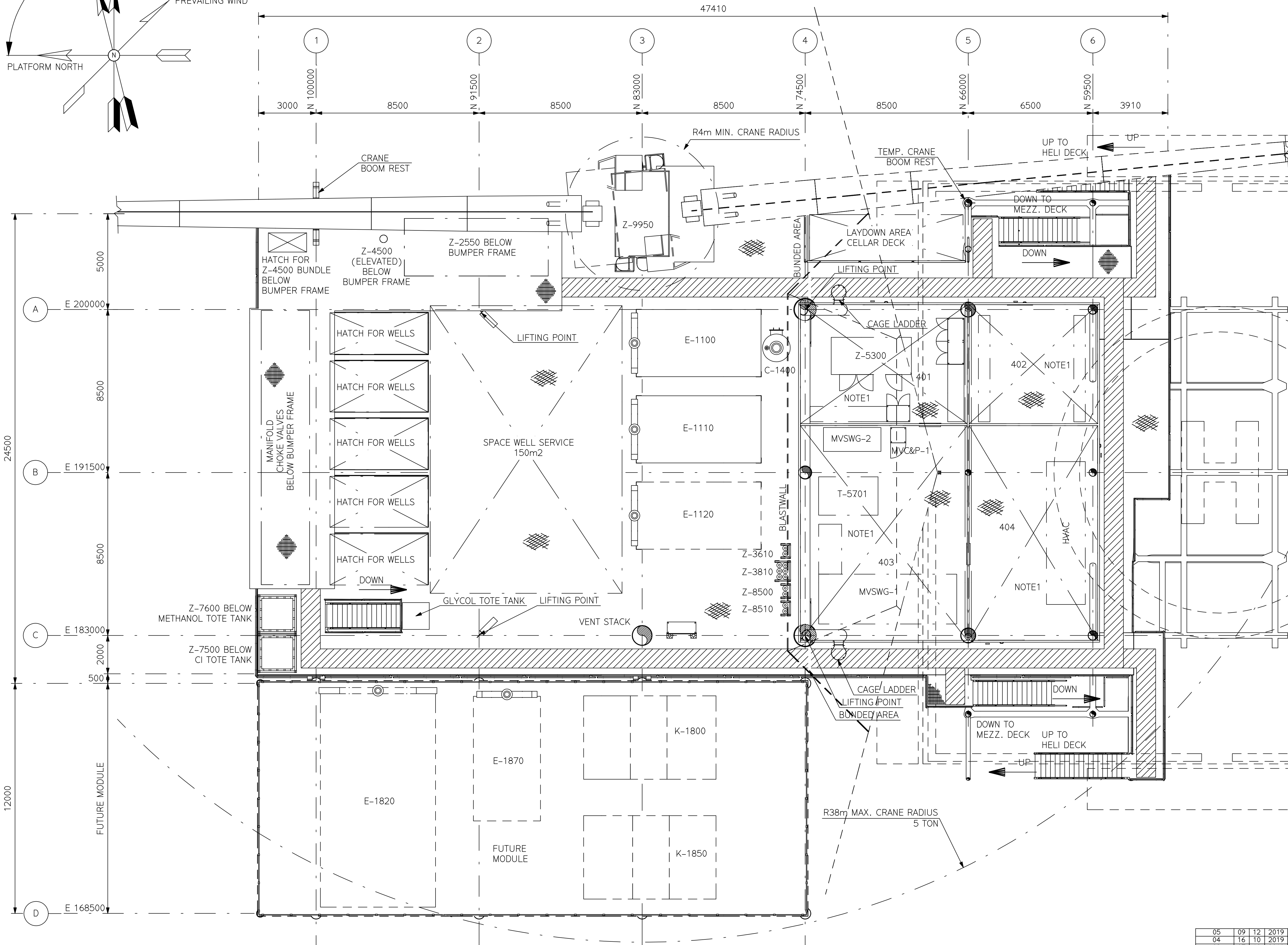
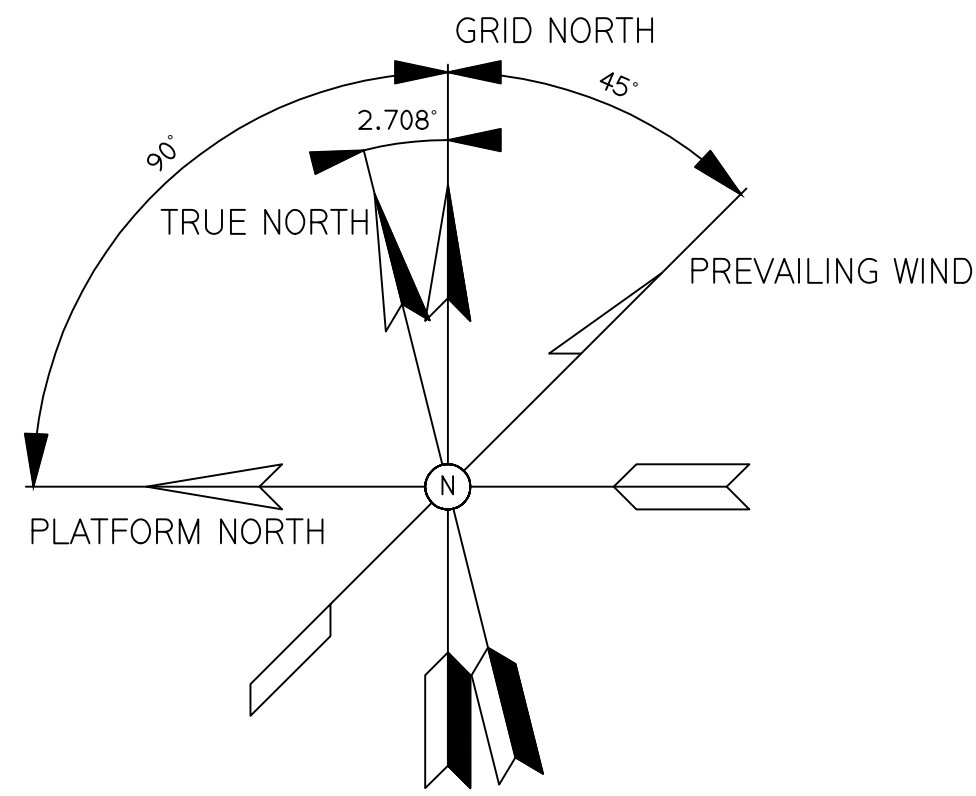
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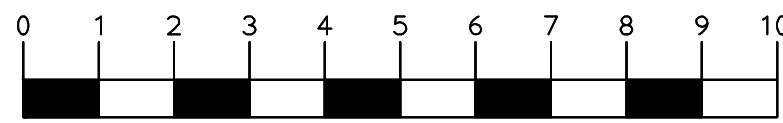
TOP VIEW
MAIN DECK & HELI DECK



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				ONE-DYOS B.V. Amsterdam													
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MAIN DECK
T.O.S. EL. +29800



SCALE 1:100



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Amsterdam

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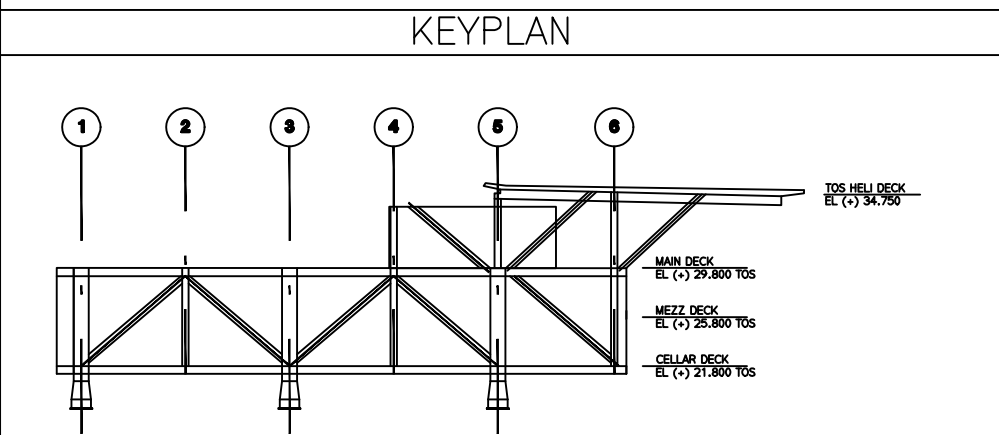
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EQUIPMENT LIST	
EQUIPMENT NUMBER	DESCRIPTION
C-1400	GLYCOL CONTACTOR
E-1100	GAS COOLER
E-1110	GAS COOLER
E-1120	GAS AIR COOLER (FUTURE)
E-1820	DISCHARGE COOLER (HP) (FUTURE)
E-1870	DISCHARGE COOLER (HP) (FUTURE)
K-1800	COMPRESSION TRAIN 1 (FUTURE)
K-1850	COMPRESSION TRAIN 2 (FUTURE)
MVC&P-1	CONTROL & PROTECTION PANEL
MVSWG-1	MEDIUM VOLTAGE SWITCH GEAR
MVSWG-2	RING MAIN UNIT
T-5701	33/0.4 kV, 2MVA DRY TYPE TRANSFORMER
T-5702	33/6.6 kV, 630kVA DRY TYPE TRANSFORMER (FUTURE)
Z-2550	FLASH GAS RE-COMPRESSION PACKAGE
Z-3610	VENT SNUFFING PACKAGE
Z-3810	VENT SNUFFING PACKAGE
Z-4500	GLYCOL REGENERATION PACKAGE
Z-5300	EMERGENCY DIESEL GENERATOR
Z-7500	CORROSION INHIBITOR INJECTION PACKAGE
Z-7600	METHANOL INJECTION PACKAGE
Z-8500	N2 SYSTEM
Z-8510	N2 SYSTEM
Z-9950	CRANE MAIN PLATFORM

ROOM MATRIX	
ROOM	DESCRIPTION
401	DIESEL GENERATOR ROOM
402	BATTERY ROOM
403	MEDIUM VOLTAGE SWITCHGEAR ROOM
404	HVAC ROOM

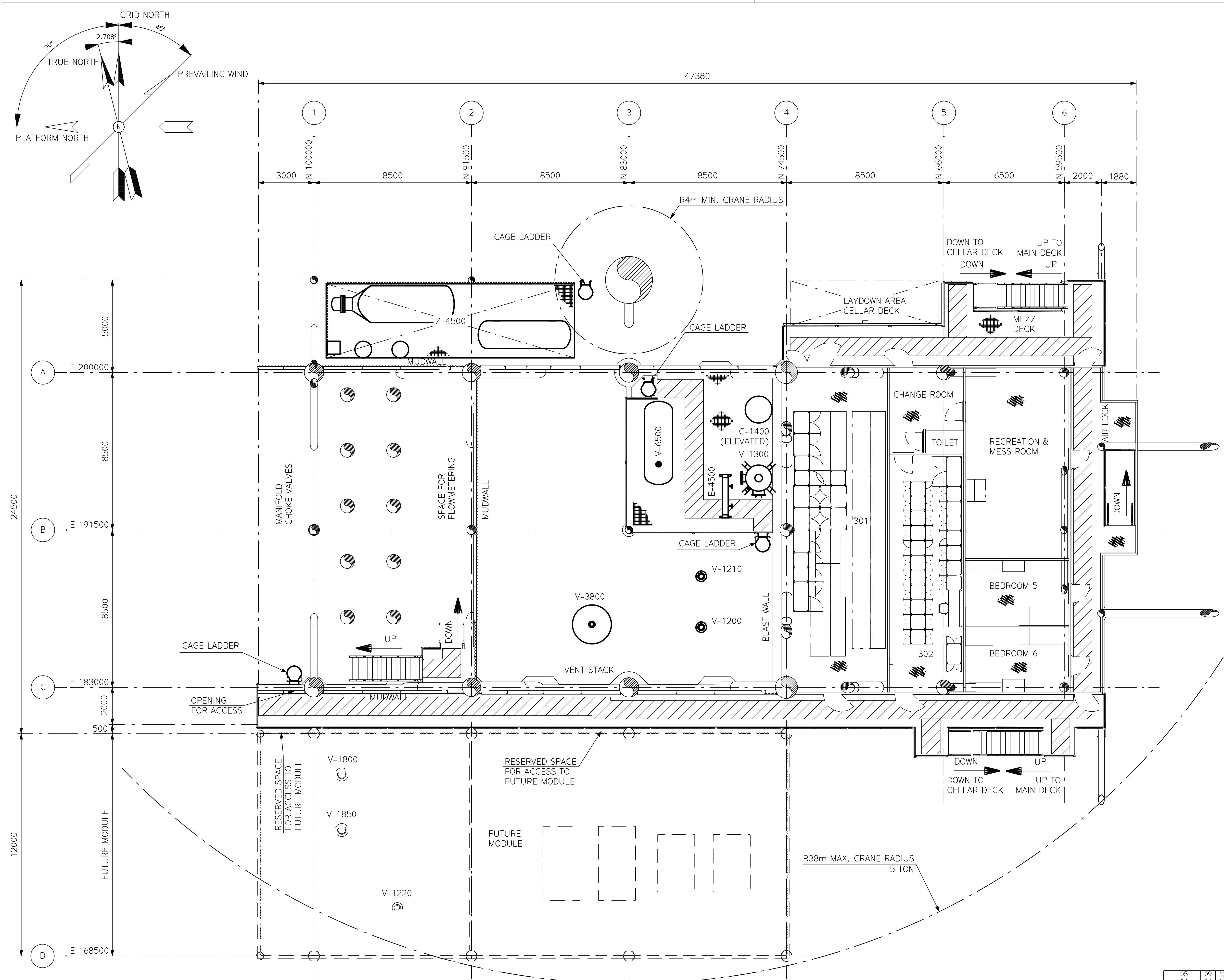
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N05A-4-51-0-42505-01	MEZZANINE DECK
N05A-4-51-0-42506-01	CELLAR DECK
N05A-4-51-0-42522-01	GENERAL ARRANGEMENT
N05A-4-51-0-52510-01	ELECTRICAL ROOM LAYOUT MAIN DECK

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04	16	10	2019	FINAL FOR FEED	RWA	ABI	SRO
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02	26	09	2019	CONCEPT UPDATE	RWA	ABI	MST
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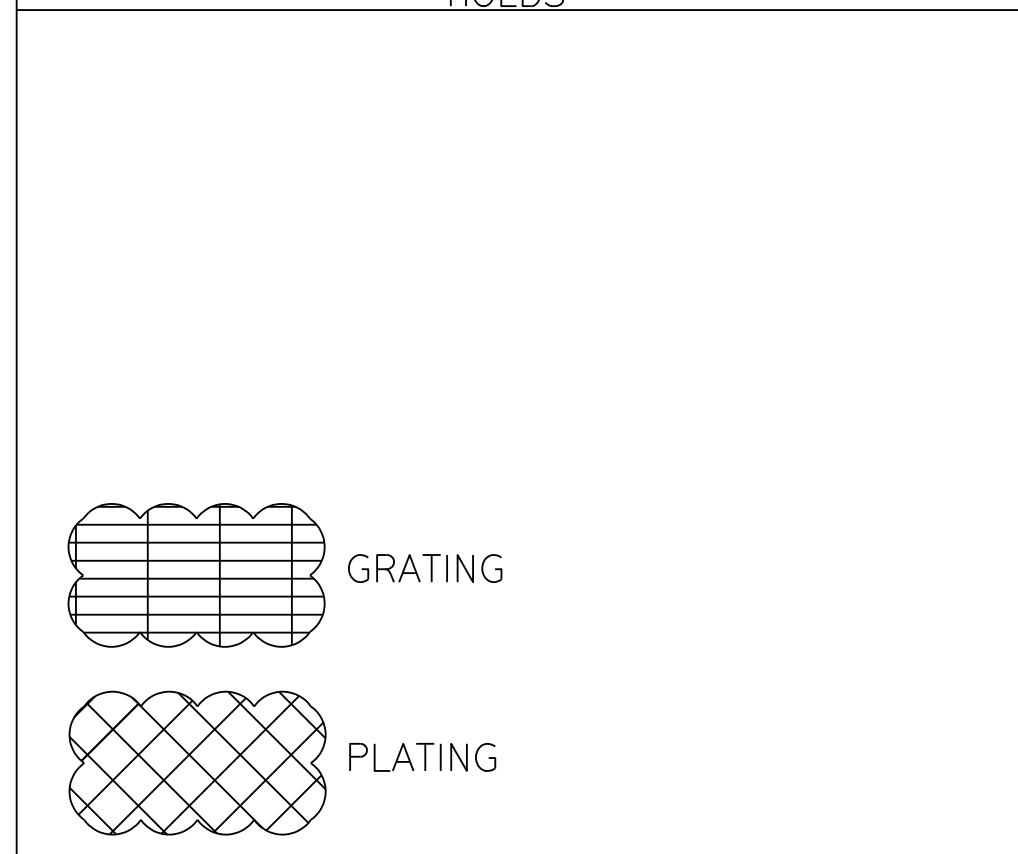


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EQUIPMENT NUMBER	DESCRIPTION
C-1400	GLYCOL CONTACTOR
E-4500	GLYCOL-GAS HEAT EXCHANGER
V-1200	PRODUCTION SEPARATOR
V-1210	PRODUCTION SEPARATOR
V-1220	PRODUCTION SEPARATOR (FUTURE)
V-1300	INLET SCRUBBER
V-1800	SUCTION SCRUBBER (FUTURE)
V-1850	SUCTION SCRUBBER (FUTURE)
V-3800	VENT KNOCK OUT DRUM
V-6500	CLOSED DRAIN VESSEL
Z-4500	GLYCOL REGENERATION PACKAGE

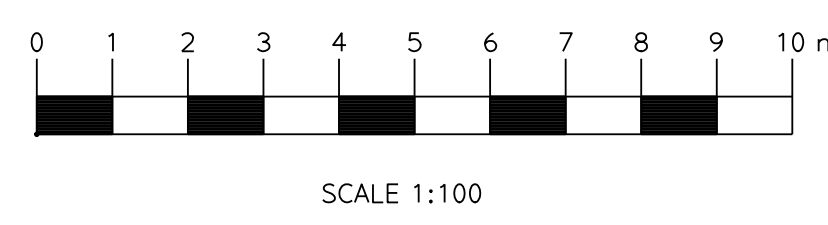
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ROOM	DESCRIPTION
301	MCC ROOM
302	INSTRUMENT ROOM

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N05A-4-51-0-42506-01	CELLAR DECK
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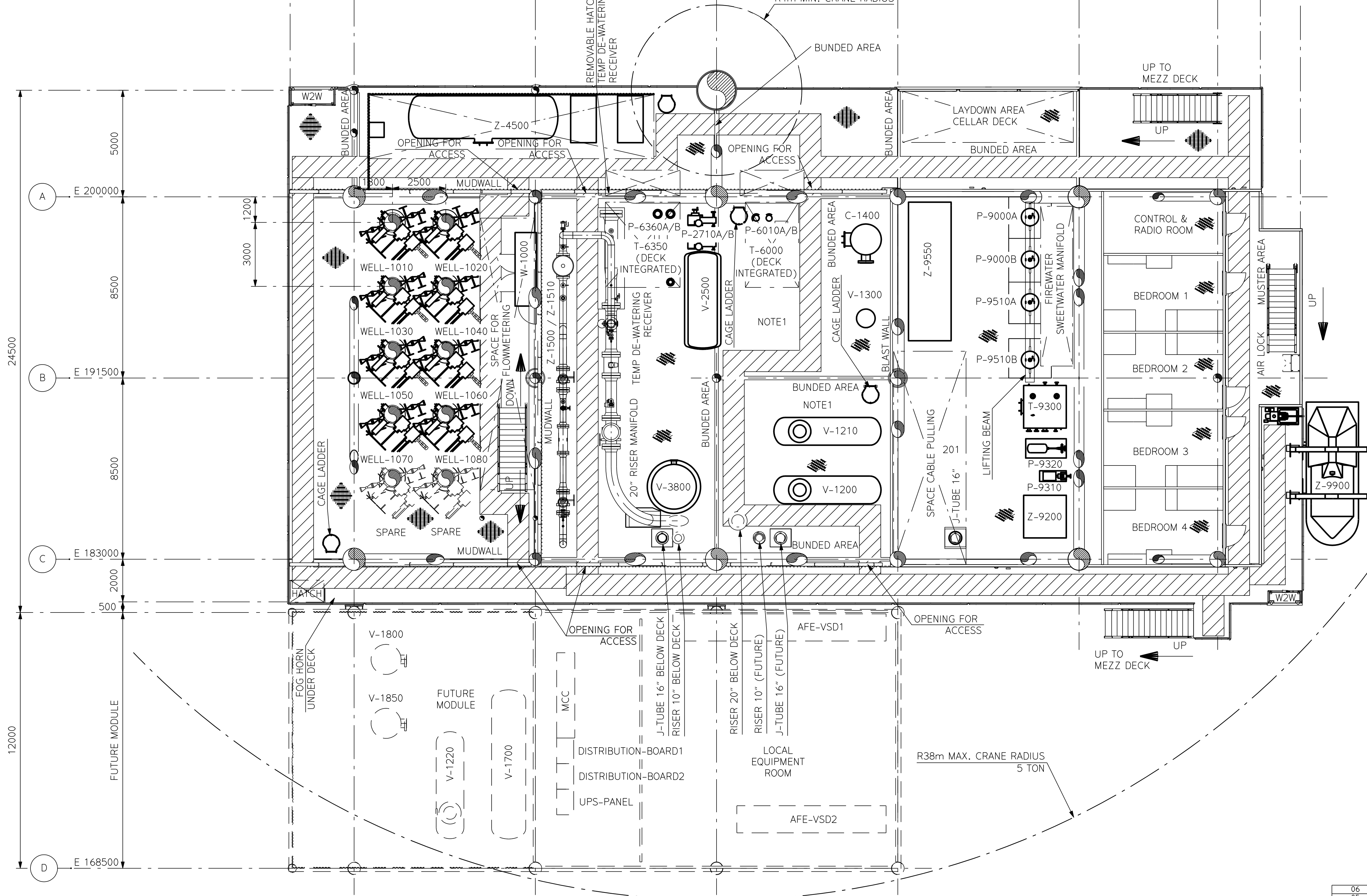
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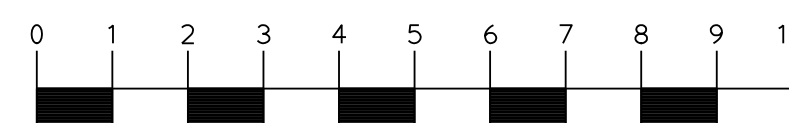
MEZZANINE DECK
T.O.S. EL. +25800



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CELLAR DECK
T.O.S. EL. +21800



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SIZE A

NOTES

1. FINAL SIZING BUNDED AREA TO BE DETERMINED DURING DETAIL DESIGN.

EQUIPMENT LIST

EQUIPMENT NUMBER	DESCRIPTION
C-1400	GLYCOL CONTACTOR
P-2710A	CONDENSATE INJECTION PUMPS
P-2710B	CONDENSATE INJECTION PUMPS
P-6010A	PRODUCTION SKIMMER PUMP
P-6010B	PRODUCTION SKIMMER PUMP
P-6360A	DECK SKIMMER PUMP
P-6360B	DECK SKIMMER PUMP
P-9000A	ELECTRICAL DRIVEN FIREWATER PUMP
P-9000B	ELECTRICAL DRIVEN FIREWATER PUMP
P-9310	SWEET WATER JOCKER PUMP
P-9320	SWEET WATER TEST PUMP
P-9510A	SEAWATER LIFT PUMP
P-9510B	SEAWATER LIFT PUMP
T-6000	PRODUCTION SKIMMER TANK (DECK INTEGRATED)
T-6350	DECK SKIMMER TANK INTEGRATED
T-9300	SWEET WATER STORAGE TANK
V-1200	PRODUCTION SEPARATOR
V-1210	PRODUCTION SEPARATOR
V-1220	PRODUCTION SEPARATOR (FUTURE)
V-1300	INLET SCRUBBER
V-1700	SLUG CATCHER (FUTURE)
V-1800	SUCTION SCRUBBER (FUTURE)
V-1850	SUCTION SCRUBBER (FUTURE)
V-2500	CONDENSATE FLASH VESSEL
V-3800	VENT KNOCK OUT DRUM
W-1000	WELLHEAD CONTROL PANEL
Z-1500	FISCAL GAS METERING
Z-1510	FISCAL GAS METERING
Z-4500	GLYCOL REGENERATION PACKAGE
Z-9200	FOAM TANK
Z-9550	POTABLE WATER PACKAGE
Z-9900	LIFEBOAT 24P DAWIT LAUNCHED

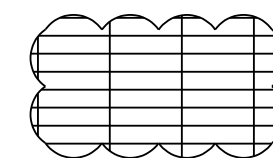
ROOM MATRIX

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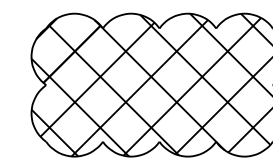
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N05A-4-51-0-42503-01	HELI DECK
N05A-4-51-0-42504-01	MAIN DECK
N05A-4-51-0-42505-01	MEZZANINE DECK
N05A-4-51-0-42522-01	GENERAL ARRANGEMENT

HOLDS

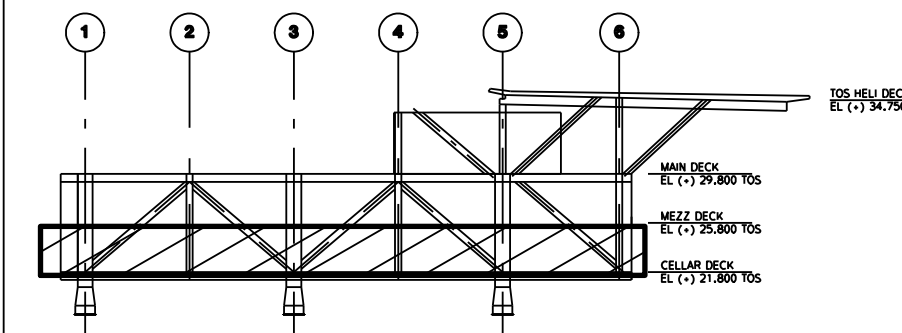



GRATING



PLATING

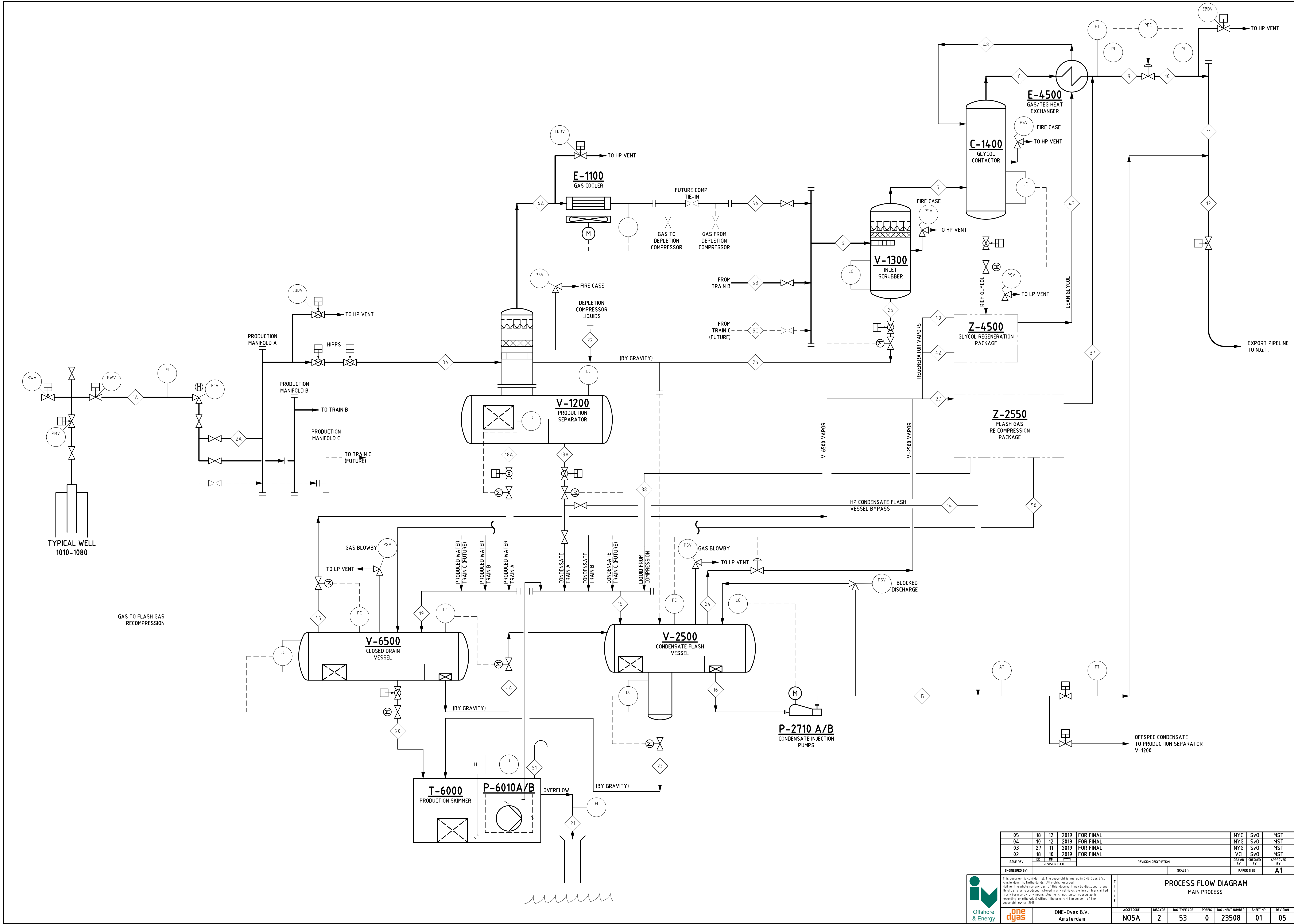
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3 Proces Flow Diagrams

Process Flow Diagram - Main Process



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03	27	11	2019	FOR FINAL	NYG	SvO	MST			
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