



NOTES

- EXISTING CONTOURS AND FEATURES ARE DISPLAYED AS PROVIDED TO BLACK & VEATCH.
- NEW CUT AND FILL SLOPES ARE SHOWN AS 2:2 UNLESS NOTED OTHERWISE.
- COORDINATES SHOWN ARE BASED ON A PLANT GRID SYSTEM. SEE THIS DRAWING FOR CONTROL POINT AND ROTATION TO THE IRISH NATIONAL GRID.

PROJECT SURVEY CONTROL

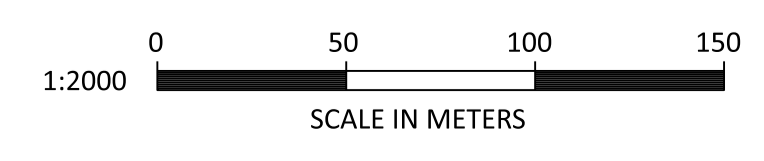
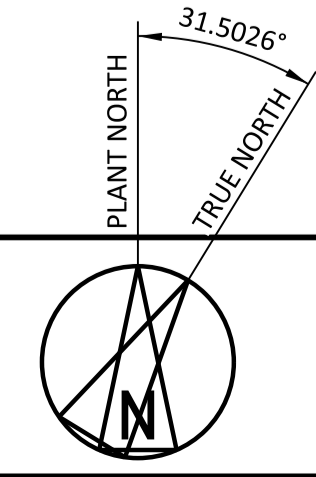
MONUMENT NO.	PLANT COORDINATES		MONUMENT NO.	IRISH NATION GRID COORDINATES		ELEVATION
	NORTHING	EASTING		NORTHING	EASTING	
UNIT 1 STACK	5000	5000	UNIT 1 STACK	148665.605	102453.451	-

NOTE: HORIZONTAL CONTROL IS BASED ON THE IRISH NATIONAL GRID COORDINATE SYSTEM.

MicroStation v8.0.15.0.74
06/12/2023 06:00 AM Full Size 1=1

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
3	12/JUN/2023	ISSUED FOR PLANNING	SBC	KAR	DAC		
2	17/APR/2023	ISSUED FOR PLANNING	PSS	KAR	DAC		
1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	JRH	JDA	DAC		

DRN	DES	CHK	PDE	APP



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: JRH
CHECKED: DATE

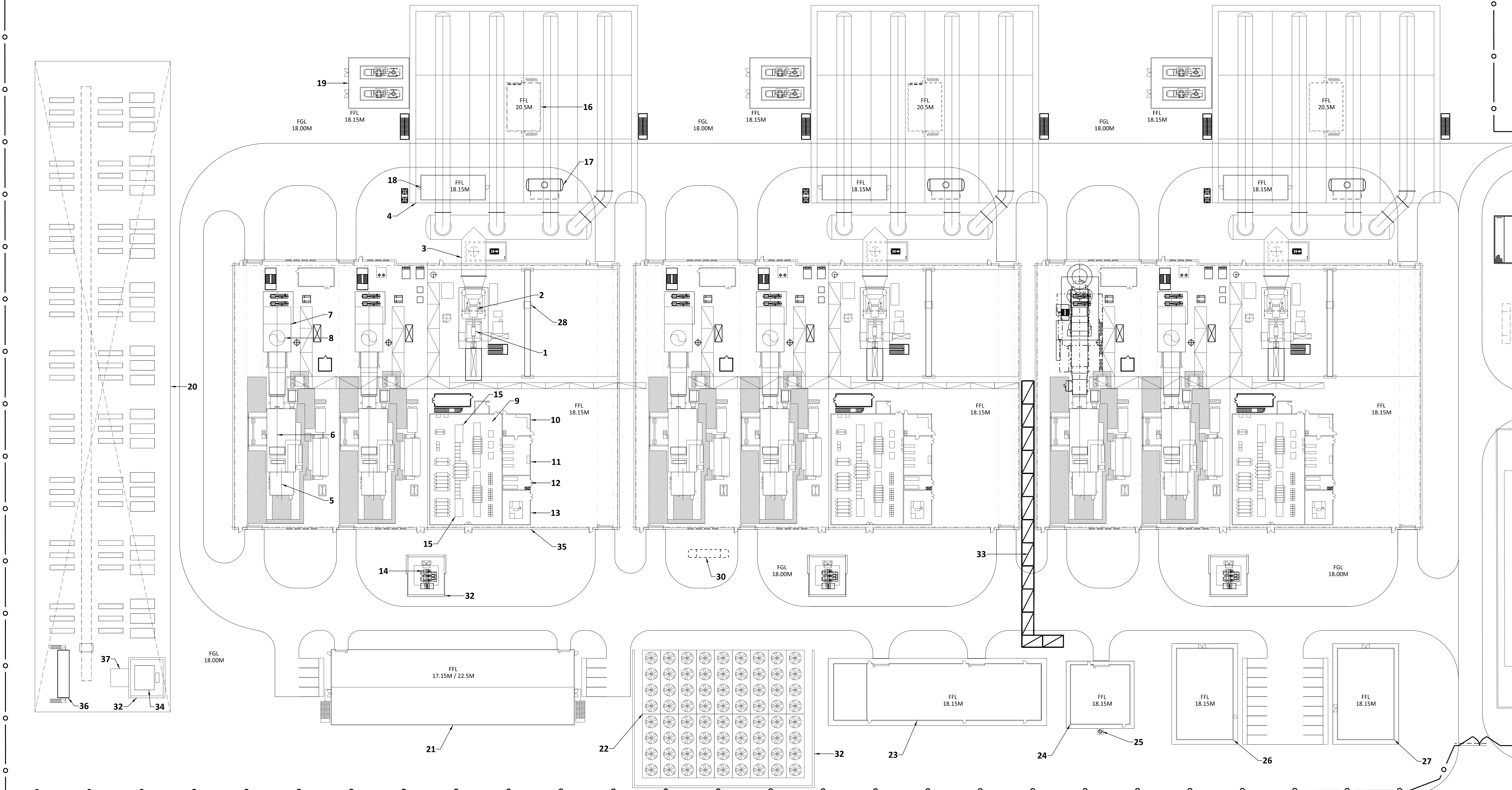
SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
OVERALL SITE ARRANGEMENT

PROJECT: 198291-1GSU-G1003
DRAWING NUMBER: 3
REV: 3

NOT TO BE USED FOR CONSTRUCTION

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

ITEM NO.	EQUIPMENT IDENTIFICATION
1	STEAM TURBINE GENERATOR
2	STEAM TURBINE
3	STEAM TURBINE EXHAUST DUCT
4	AIR COOLED CONDENSER
5	COMBUSTION TURBINE GENERATOR
6	COMBUSTION TURBINE
7	HEAT RECOVERY STEAM GENERATOR
8	HRS EXHAUST STACK
9	ELECTRICAL EQUIPMENT ROOM
10	AUXILIARY CONTROL ROOM
11	DCS ROOM
12	BATTERIES ROOM
13	STANDBY DIESEL GENERATOR ROOM
14	GENERATOR STEP-UP TRANSFORMER
15	AUXILIARY TRANSFORMER
16	ACC ELECTRICAL EQUIPMENT POWER DISTRIBUTION CENTER
17	CONDENSATE COLLECTION TANK
18	CONDENSATE POLISHING EQUIPMENT ENCLOSURE
19	ACC AIR EXTRACTION EQUIPMENT ENCLOSURE
20	BATTERY ENERGY STORAGE SYSTEM (BESS) EQUIPMENT AREA
21	ELECTRICAL (GIS) SUBSTATION BUILDING
22	AIR COOLED HEAT EXCHANGERS
23	WORKSHOP/STORES/CANTEEN
24	AUXILIARY BOILER BUILDING
25	AUXILIARY BOILER EXHAUST STACK
26	CENTRAL CONTROL/OPERATIONS BUILDING
27	ADMINISTRATION BUILDING
28	OVERHEAD CRANE
29	INDICATIVE ELECTRICAL GRID INTERFACE BUILDING
30	OIL/WATER SEPARATOR
31	RETAINING WALL
32	SOUND RETENTION WALL
33	UTILITY RACK
34	BESS STEP-UP TRANSFORMER
35	TURBINE HALL (TYP OF 3)
36	BESS POWER DISTRIBUTION CENTER
37	BESS AUXILIARY POWER TRANSFORMER



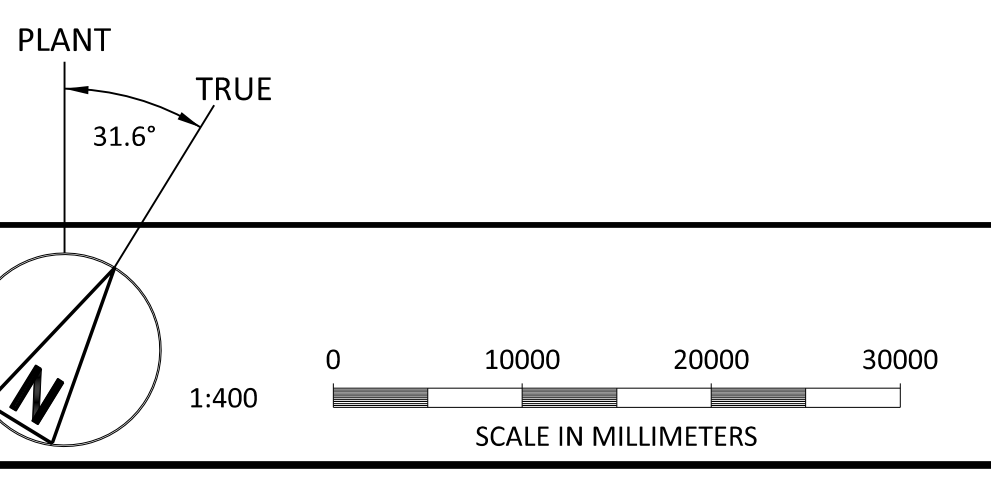
- NOTES.
- THE FINISHED SURFACE LEVEL (FSL) OR PLATFORM FOR THE POWER PLANT, IS +12M ABOVE ORDINANCE DATUM (AOD).
 - THE PROPOSED FINISHED GRADE LEVEL (FGL) ARE IDENTIFIED THRU OUT THE PERIMETER OF THE POWER BLOCK AREA.
 - THE PROPOSED FINISHED FLOOR LEVEL (FFL) ARE IDENTIFIED WITHIN THE BUILDING STRUCTURES.
 - SEE DRAWING 198291-1GSU-G1003 FOR SITE ARRANGEMENT.

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198291-1GSU-G2001-01
 02/08/2023 11:56 AM

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
2	28/APR/2023	ISSUED FOR PLANNING	PSS	KAR		DAC	
1	18/JUN/2021	ISSUED FOR PLANNING	TMC	DIL		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	TMC	DIL		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

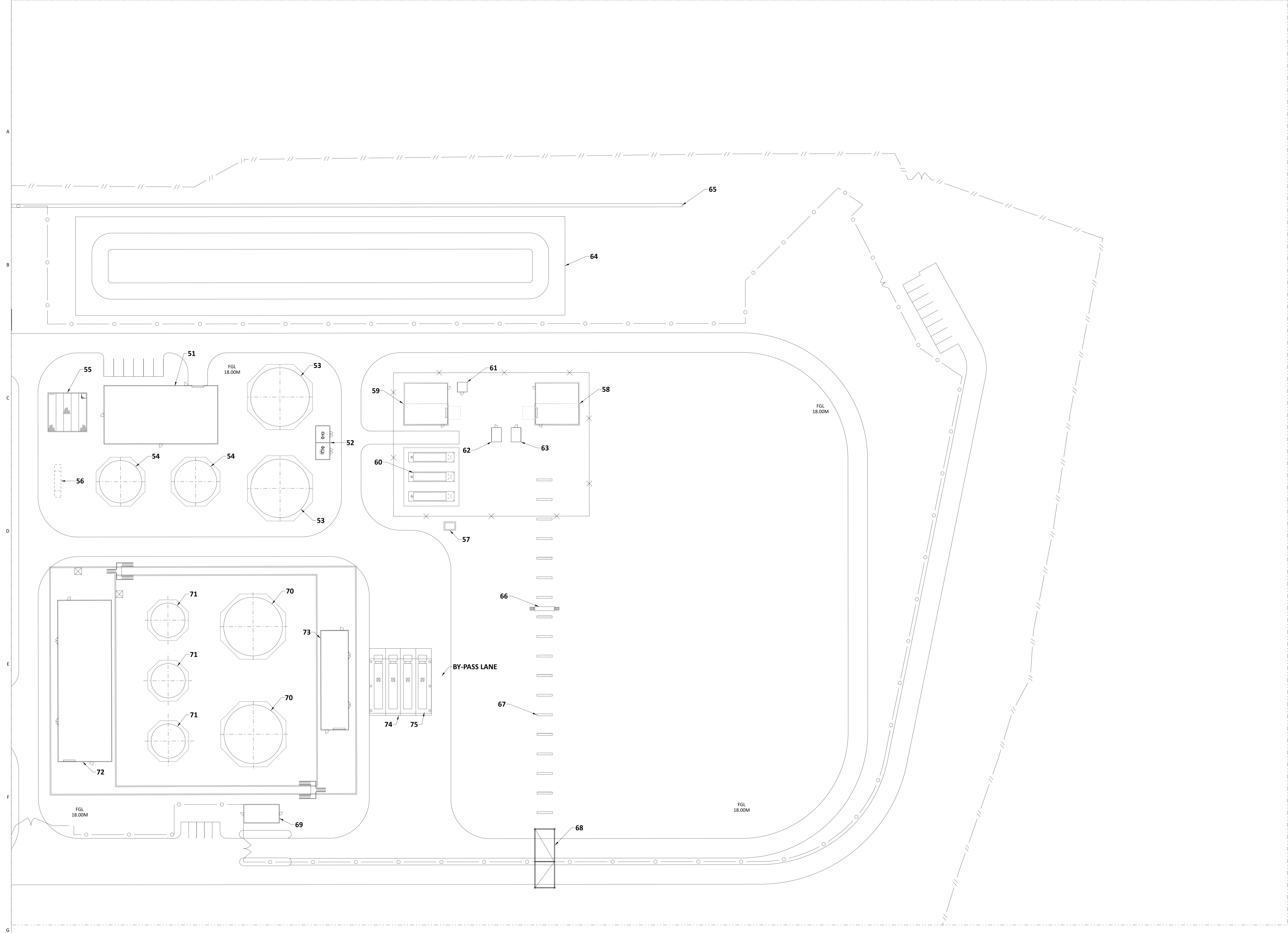
DESIGNER: [] DRAWN: []
CHECKED: [] DATE: []

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
GENERAL ARRANGEMENT
COMBINED CYCLE POWER PLANT
MAIN POWER BLOCK AREA

PROJECT: 198291-1GSU-G2001
DRAWING NUMBER: 2
REV: 2

1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G



ITEM NO.	EQUIPMENT IDENTIFICATION
51	WATER TREATMENT BUILDING
52	FIRE WATER PUMPS ENCLOSURE
53	RAW/SERVICE/FIRE WATER STORAGE TANK
54	DEMINERALIZED WATER STORAGE TANK (TYP OF 2)
55	EFFLUENT SUMP
56	OIL/WATER SEPARATOR
57	WASTEWATER TREATMENT EQUIPMENT PACKAGE
58	FUEL GAS METERING ENCLOSURE
59	FUEL GAS REGULATING ENCLOSURE
60	FUEL GAS HEATER - WATER BATH TYPE (TYP OF 3)
61	KIOSK ENCLOSURE - METERING AND REGULATING AREA
62	ANALYZER ENCLOSURE - METERING AND REGULATING AREA
63	INSTRUMENT ENCLOSURE - METERING AND REGULATING AREA
64	FIRE WATER RETENTION POND
65	RETAINING WALL
66	CROSSOVER PLATFORM
67	UTILITY SLEEPER
68	UTILITY RACK
69	SECURITY BUILDING
70	FUEL OIL STORAGE TANK (TYP OF 2)
71	FUEL OIL STORAGE DAY TANK (TYP OF 3)
72	FORWARDING PUMP BUILDING
73	CENTRIFUGE AND FUEL OIL UNLOADING PUMP BUILDING
74	FUEL OIL TRUCK UNLOADING AREA
75	FUEL OIL TRUCK UNLOADING SHELTER

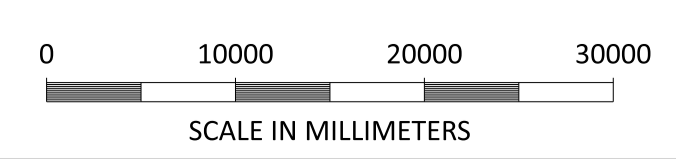
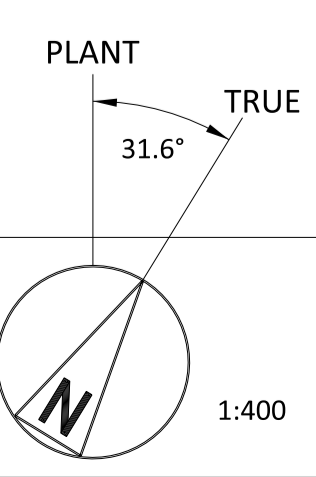
NOTES:
1. THE FINISHED SURFACE LEVEL (FSL) OR PLATFORM FOR THE POWER PLANT, IS +18M ABOVE ORDINANCE DATUM (AGD).

NOT TO BE USED FOR CONSTRUCTION

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20/07/2023 01:12 AM
06/15/2023 01:12 AM
FGL 18.00M

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
3	12/JUN/2023	ISSUED FOR PLANNING	SBO	KAR	DAC		
2	28/APR/2023	ISSUED FOR PLANNING	PSS	KAR	DAC		
1	18/JUN/2021	ISSUED FOR PLANNING	TMC	DIL	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	TMC	DIL	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

DESIGNER	DRAWN	DIL
CHECKED	DATE	

PROJECT		DRAWING NUMBER	REV
SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP)		198291-1GSU-G2002	3
CODE	AREA		
GENERAL ARRANGEMENT COMBINED CYCLE POWER PLANT BALANCE OF PLANT AREA			