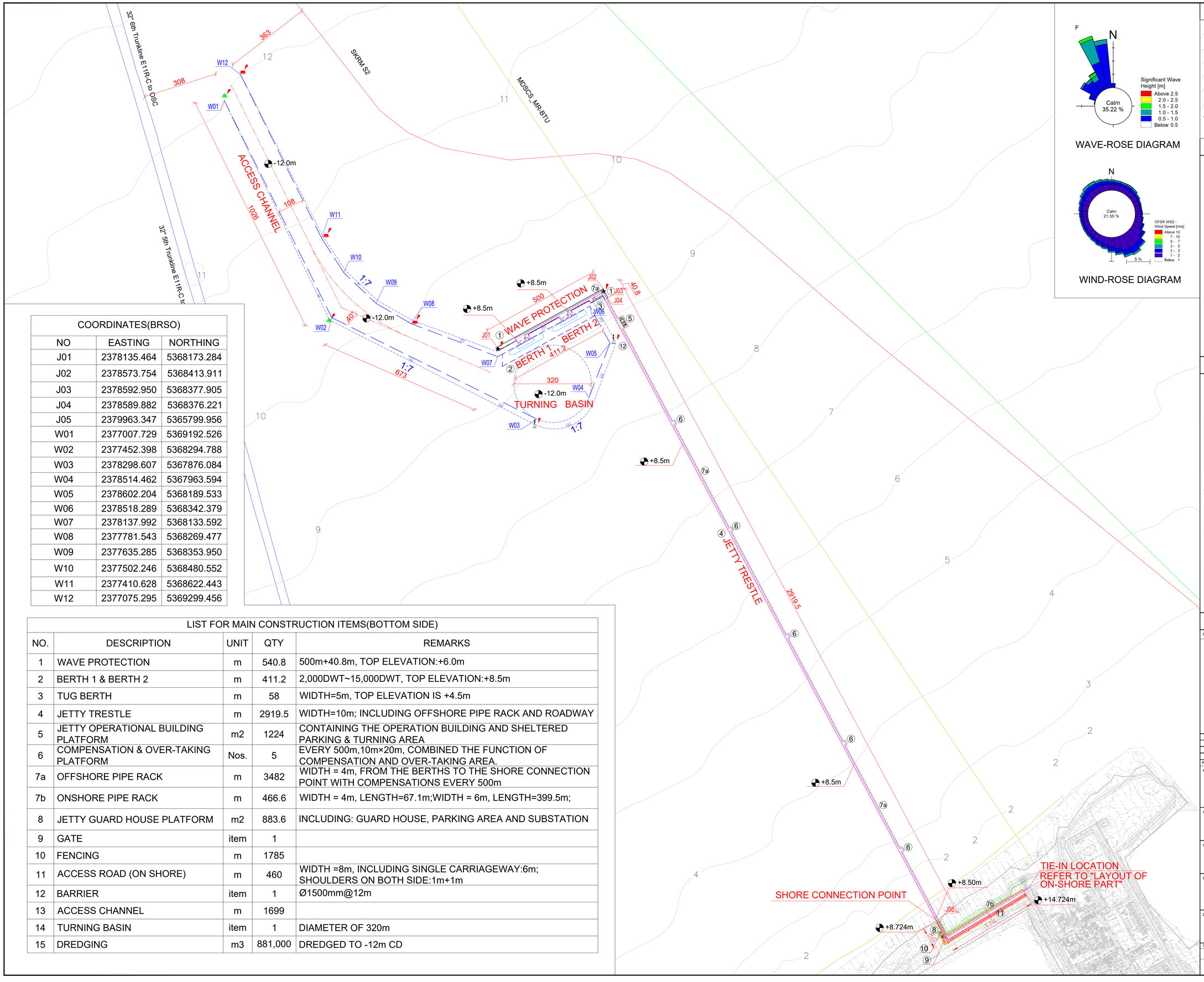


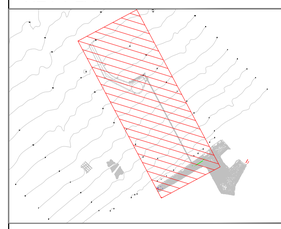
COORDINATES(BRSO)		
NO	EASTING	NORTHING
J01	2378135.464	5368173.284
J02	2378573.754	5368413.911
J03	2378592.950	5368377.905
J04	2378589.882	5368376.221
J05	2379963.347	5365799.956
W01	2377007.729	5369192.526
W02	2377452.398	5368294.788
W03	2378298.607	5367876.084
W04	2378514.462	5367963.594
W05	2378602.204	5368189.533
W06	2378518.289	5368342.379
W07	2378137.992	5368133.592
W08	2377781.543	5368269.477
W09	2377635.285	5368353.950
W10	2377502.246	5368480.552
W11	2377410.628	5368622.443
W12	2377075.295	5369299.456

LIST FOR MAIN CONSTRUCTION ITEMS(BOTTOM SIDE)				
NO.	DESCRIPTION	UNIT	QTY	REMARKS
1	WAVE PROTECTION	m	540.8	500m+40.8m, TOP ELEVATION:+6.0m
2	BERTH 1 & BERTH 2	m	411.2	2,000DWT~15,000DWT, TOP ELEVATION:+8.5m
3	TUG BERTH	m	58	WIDTH=5m, TOP ELEVATION IS +4.5m
4	JETTY TRESTLE	m	2919.5	WIDTH=10m; INCLUDING OFFSHORE PIPE RACK AND ROADWAY
5	JETTY OPERATIONAL BUILDING PLATFORM	m2	1224	CONTAINING THE OPERATION BUILDING AND SHELTERED PARKING & TURNING AREA
6	COMPENSATION & OVER-TAKING PLATFORM	Nos.	5	EVERY 500m,10m×20m, COMBINED THE FUNCTION OF COMPENSATION AND OVER-TAKING AREA.
7a	OFFSHORE PIPE RACK	m	3482	WIDTH = 4m, FROM THE BERTHS TO THE SHORE CONNECTION POINT WITH COMPENSATIONS EVERY 500m
7b	ONSHORE PIPE RACK	m	466.6	WIDTH = 4m, LENGTH=67.1m;WIDTH = 6m, LENGTH=399.5m;
8	JETTY GUARD HOUSE PLATFORM	m2	883.6	INCLUDING: GUARD HOUSE, PARKING AREA AND SUBSTATION
9	GATE	item	1	
10	FENCING	m	1785	
11	ACCESS ROAD (ON SHORE)	m	460	WIDTH =8m, INCLUDING SINGLE CARRIAGEWAY:6m; SHOULDERS ON BOTH SIDE:1m+1m
12	BARRIER	item	1	Ø1500mm@12m
13	ACCESS CHANNEL	m	1699	
14	TURNING BASIN	item	1	DIAMETER OF 320m
15	DREDGING	m3	881,000	DREDGED TO -12m CD

WAVE-ROSE DIAGRAM

WIND-ROSE DIAGRAM

KEY PLAN:



NOTES:

1. ALL DIMENSIONS ARE IN METERS
2. THE COORDINATES ARE BASED ON BRSO-BT68 SYSTEM.
3. ALL ELEVATIONS ARE IN METERS RELATIVE TO CHART DATUM. THE CHART DATUM(CD) IS 1.544m ABOVE THE LAND SURVEY DATUM(LSD).
4. THE BATHYMETRIC AND TOPOGRAPHIC SURVEY DATA IS CURRENTLY BASED ON THE DRAWINGS PROVIDED IN SECTION C-PART 25: SITE INVESTIGATION AND WILL BE UPDATED ACCORDING TO SURVEY WORKS.
5. THE WAVE-ROSE AND WIND-ROSE DIAGRAM IS BASED ON "*DRAFT FINAL REPORT FOR NUMERICAL WAVE MODEL STUDY*" FROM DHI, AND WILL BE UPDATED ACCORDING TO THE FINAL REPORT.
6. THE LEADING LIGHT TOWERS ARE CURRENTLY NOT REPRESENT IN THE DRAWING AND WILL BE ADDED WHEN THE LOCATION IS CONFIRMED.

LEGEND

- PORT HAND MARKS
- STARBOARD HAND MARKS
- NORTH CARDINAL MARKS
- WEST CARDINAL MARKS
- LIGHT BEACONS
- ALARMING LIGHTS
- NATURAL CONTOUR
- BERTHS
- WORKING PLATFORMS
- PIPE RACK
- BARRIER
- WATER AREA WITH DREDGING SLOPE
- CONTROL POINTS (J01)

REFERENCE DRAWINGS

Drawing No.	Drawing Title

Rev.	Date	Description	Design	Check	Review	Approve
B	20-May-2021	For Approval	Fei D	Cai YH	Zhou Y	Ding JJ
A	11-Apr-2021	For Approval	Fei D	Cai YH	Zhou Y	Ding JJ

PROJECT

BEPCC OF PRODUCT OFFTAKE / EXPORT JETTY FACILITY FOR SARAWAK METHANOL PROJECT

OWNER

SARAWAK PETCHEM

CONTRACTOR

中国交建 CHINA COMMUNICATIONS CONSTRUCTION

DESIGNER

中交第四航务工程勘察设计院有限公司 CCCC-FHDI ENGINEERING CO., LTD

DRAWING TITLE

GENERAL LAYOUT

Size	Scale	Phase	Rev.	CLIENT Drawing No.
A1	1:7000	BD	B	SMJ-CCCC-GLT-DWG-0003
NOT FOR CONSTRUCTION				Drawing No. 21S058-BD-DWG-GL-0003