

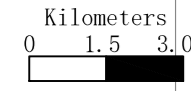
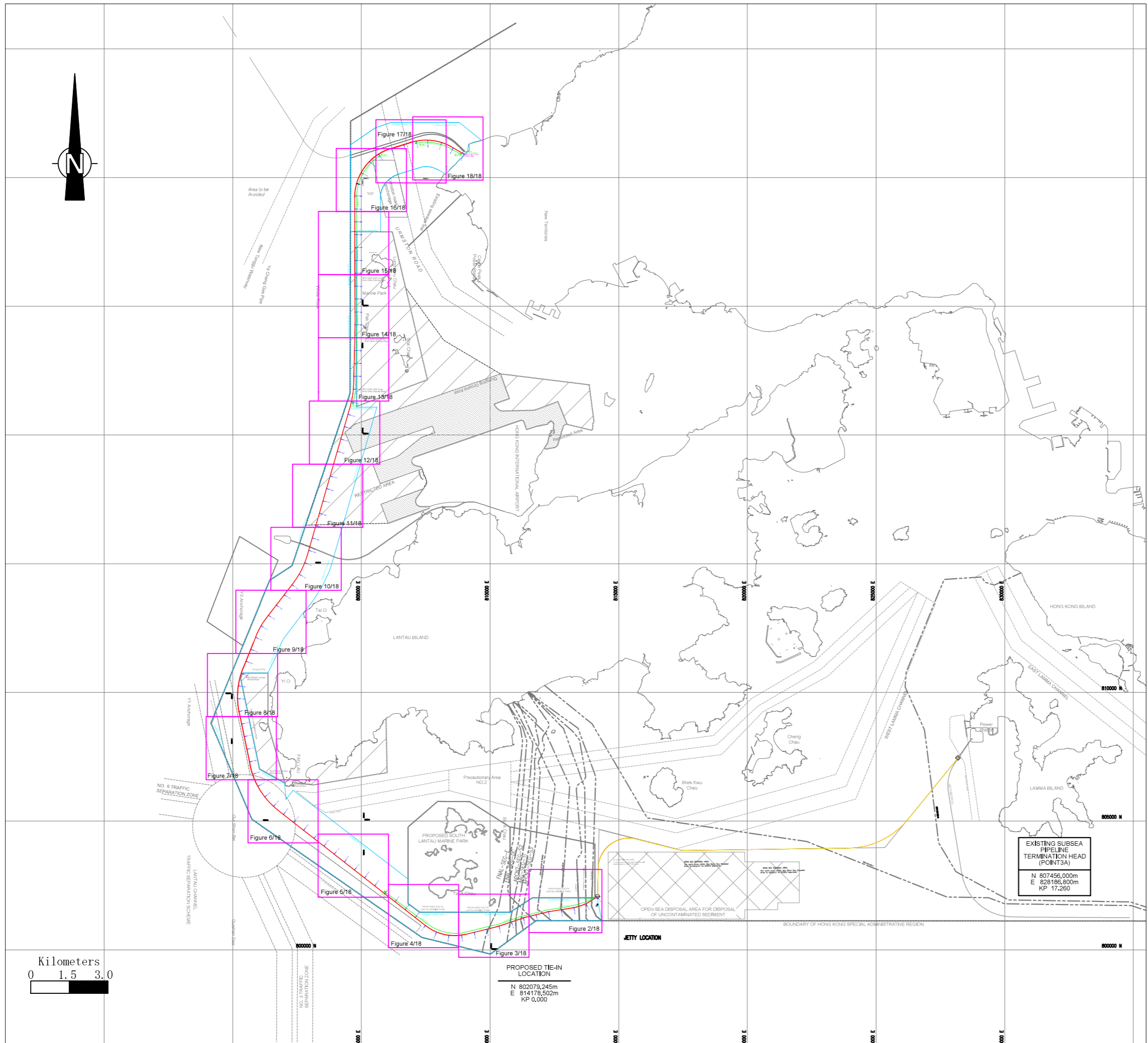
ANNEX B

INDICATIVE WORKS AREAS FOR THE BPPS PIPELINE

DESIGN	
DISCIPLINE	
SIGNATURE	
DATE	



LEGEND:	
	Boundary of work area
	Double Silt Curtain
	BPPS Pipeline
	LPS Pipeline
	Drawing Cut Line

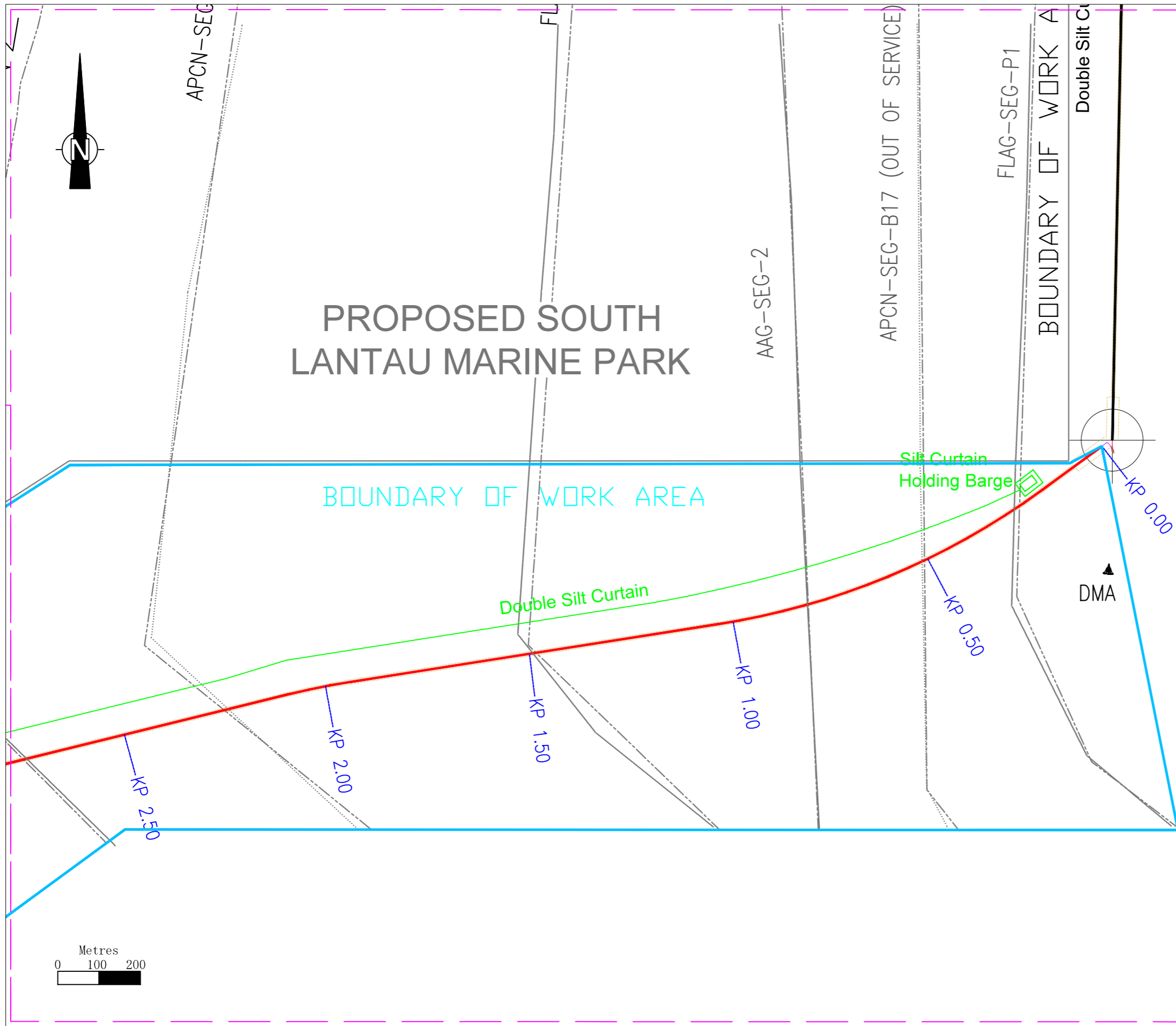


REVISION	D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie	
	D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB	
	C	29APR20	Issued for Review	Liuwang	XuHB	YeHB	
	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP

CLIENT			Offshore Oil Engineering Co.,Ltd	
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	-Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:150000
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTC020-5014 (1/18)	REV. D1

F
E
D
C
B
A

DESIGN DISCIPLINE	SIGNATURE	DATE



PROPOSED SOUTH LANTAU MARINE PARK

BOUNDARY OF WORK AREA

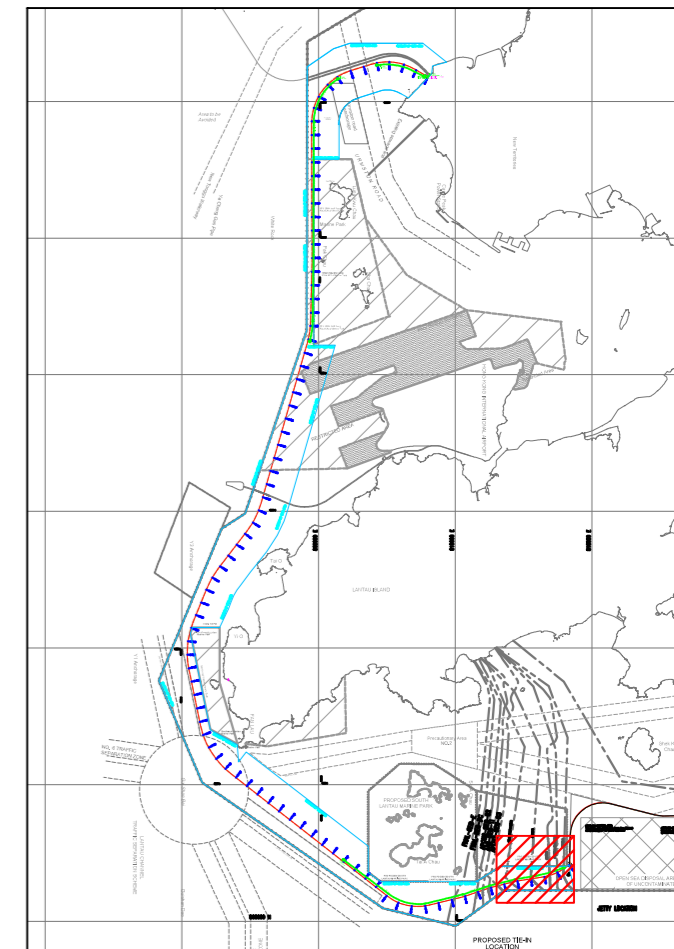
Double Silt Curtain

Silt Curtain Holding Barge

DMA



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 0.00	22° 9.414' N	113° 57.749' E	814153	802065
KP 0.50	22° 9.266' N	113° 57.505' E	813734	801793
KP 1.00	22° 9.182' N	113° 57.230' E	813260	801639
KP 1.50	22° 9.140' N	113° 56.942' E	812767	801561
KP 2.00	22° 9.097' N	113° 56.655' E	812273	801483
KP 2.50	22° 9.033' N	113° 56.373' E	811787	801366

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

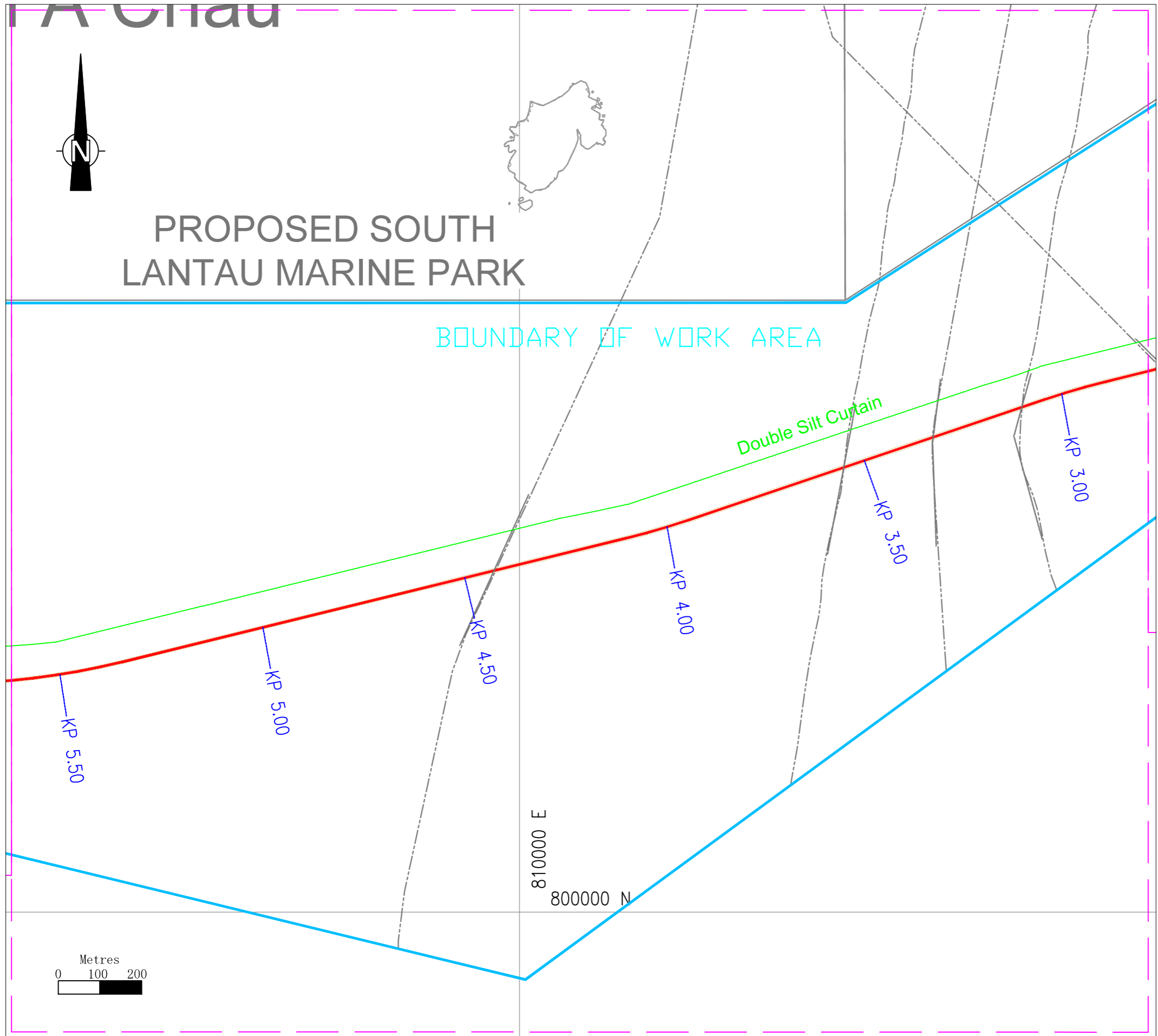
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

REVISION	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20	Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	中石油(香港)有限公司	Offshore Oil Engineering Co.,Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	-Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTCO20-5014 (2/18)	REV. D1

DESIGN DISCIPLINE
SIGNATURE
DATE



PROPOSED SOUTH LANTAU MARINE PARK

BOUNDARY OF WORK AREA

Double Silt Curtain

KP 5.50

KP 5.00

KP 4.50

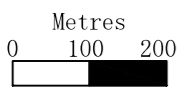
KP 4.00

KP 3.50

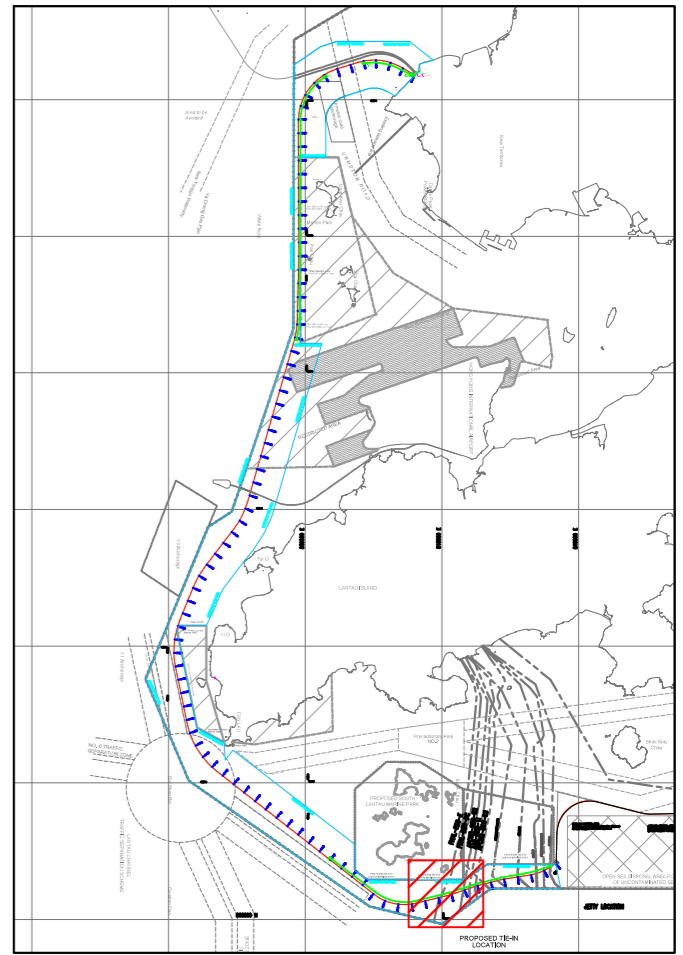
KP 3.00

810000 E

800000 N



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 3.00	22° 8.966' N	113° 56.091' E	811302	801243
KP 3.50	22° 8.879' N	113° 55.815' E	810828	801084
KP 4.00	22° 8.793' N	113° 55.540' E	810354	800924
KP 4.50	22° 8.726' N	113° 55.258' E	809869	800802
KP 5.00	22° 8.661' N	113° 54.976' E	809384	800683
KP 5.50	22° 8.599' N	113° 54.693' E	808897	800570

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

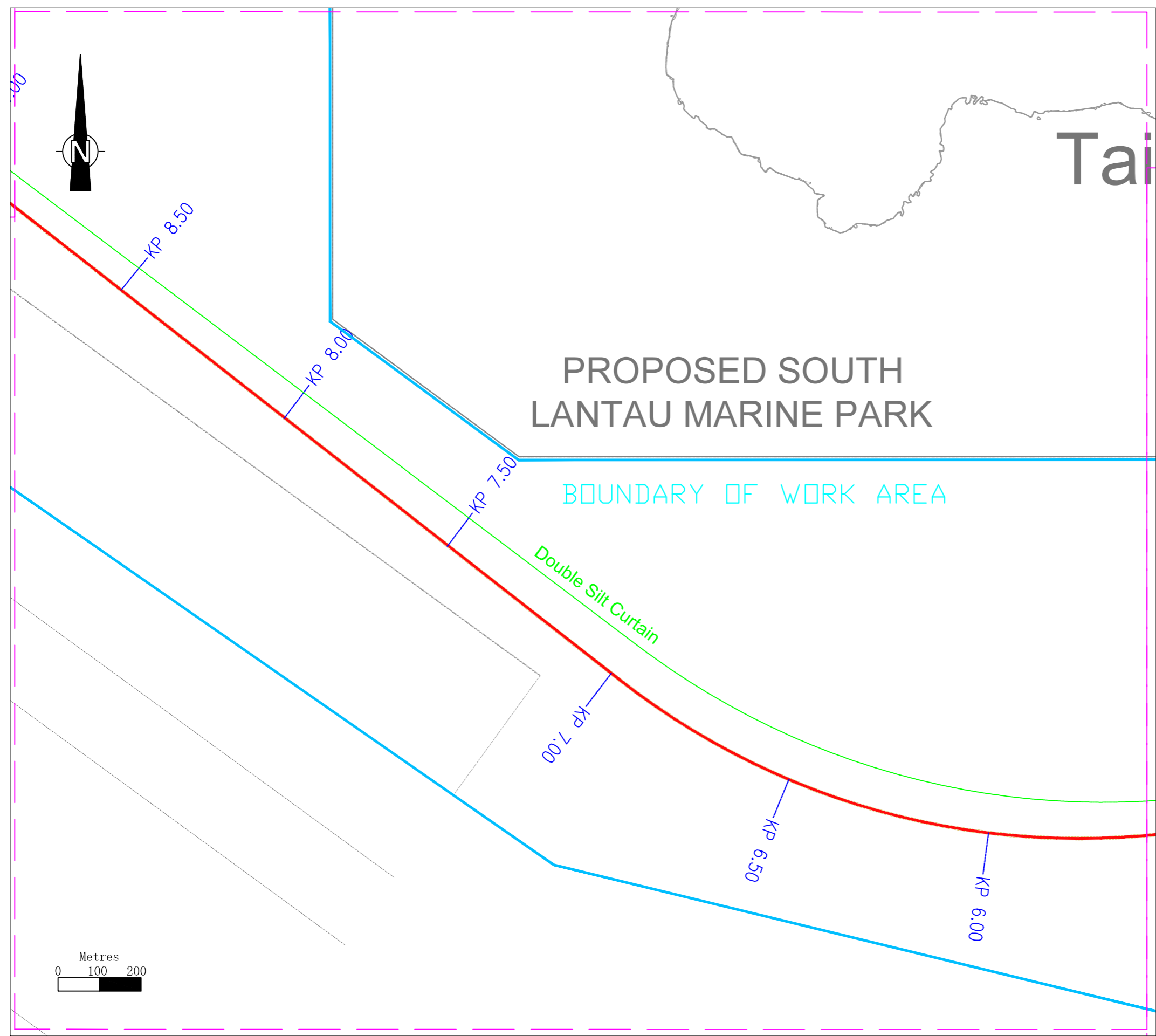
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

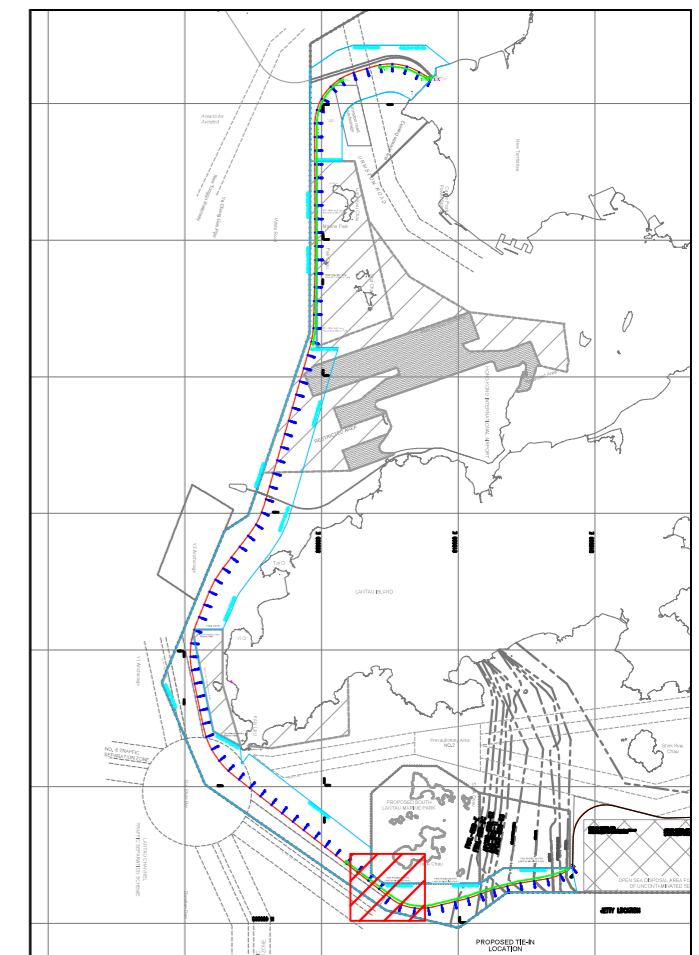
REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	100CT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB. No.
DRAWN	Liuwang	100CT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	100CT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	100CT20		A112002816
REVIEWED	Zhangjie	100CT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-CO0EC-21EKA-CTC020-5014 (3/18)	REV. D1

DESIGNATION	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 6.00	22° 8.594' N	113° 54.403' E	808399	800562
KP 6.50	22° 8.664' N	113° 54.123' E	807917	800691
KP 7.00	22° 8.802' N	113° 53.873' E	807489	800946
KP 7.50	22° 8.968' N	113° 53.644' E	807095	801254
KP 8.00	22° 9.135' N	113° 53.415' E	806701	801562
KP 8.50	22° 9.301' N	113° 53.185' E	806308	801870

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

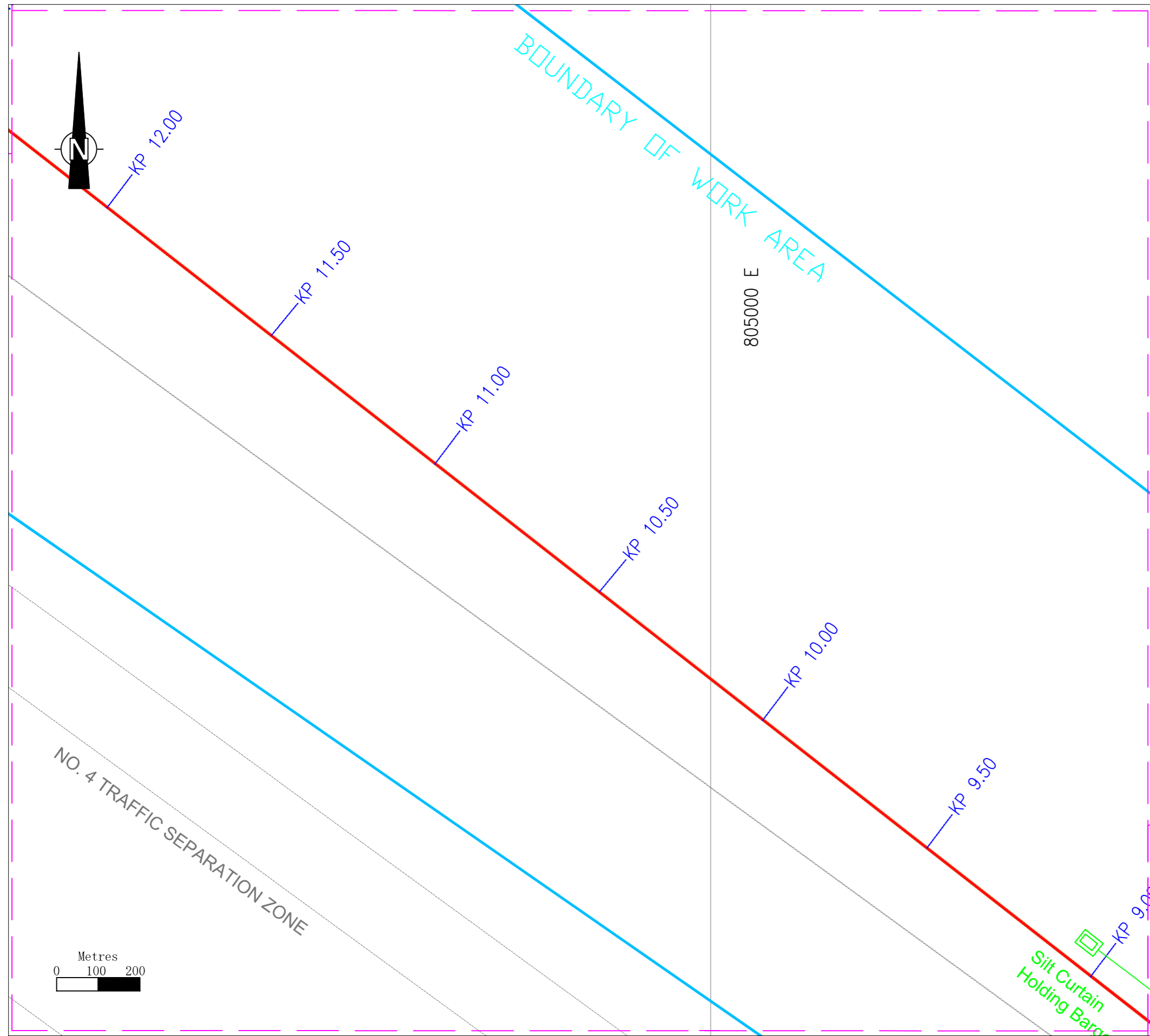
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

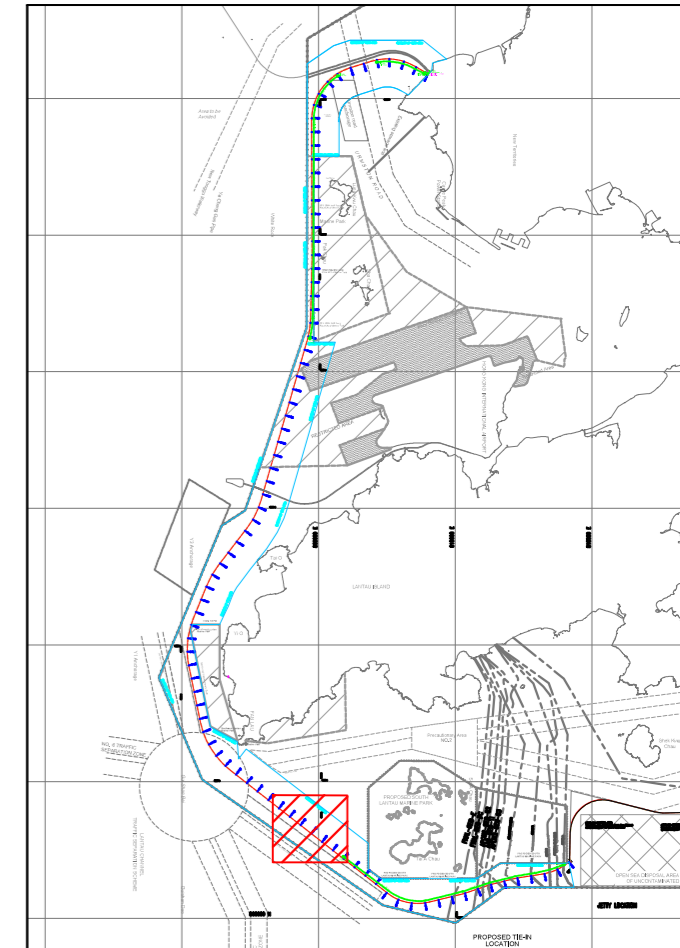
REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued For Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued For Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co.,Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTCO20-5014 (4/18)	REV. D1

DESIGN DISCIPLINE	DATE
SIGNATURE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 9.00	22° 9.468' N	113° 52.956' E	805914	802178
KP 9.50	22° 9.634' N	113° 52.726' E	805520	802486
KP 10.00	22° 9.801' N	113° 52.497' E	805126	802794
KP 10.50	22° 9.967' N	113° 52.267' E	804732	803102
KP 11.00	22° 10.133' N	113° 52.038' E	804338	803410
KP 11.50	22° 10.300' N	113° 51.808' E	803944	803718
KP 12.00	22° 10.466' N	113° 51.579' E	803550	804026

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

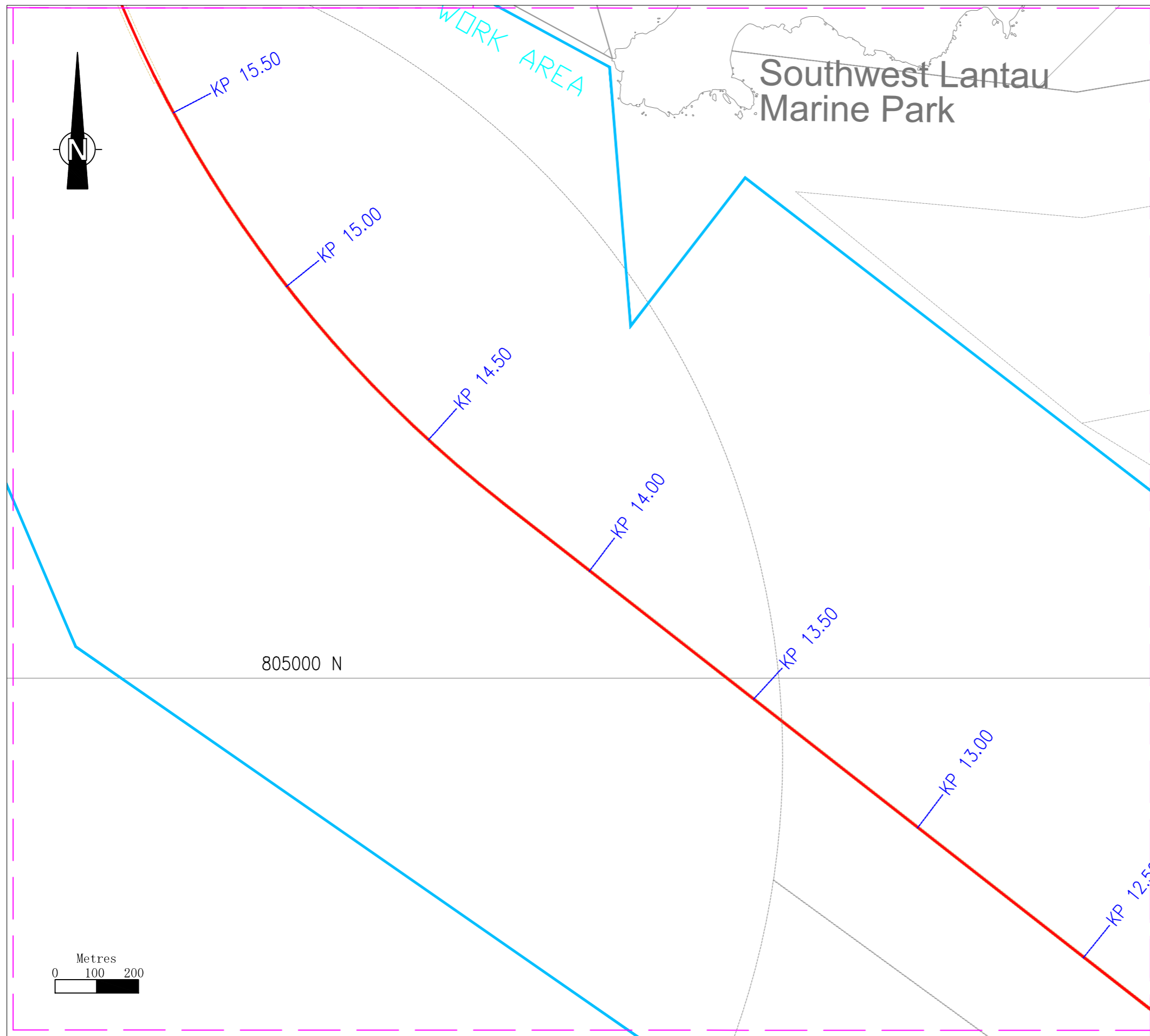
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

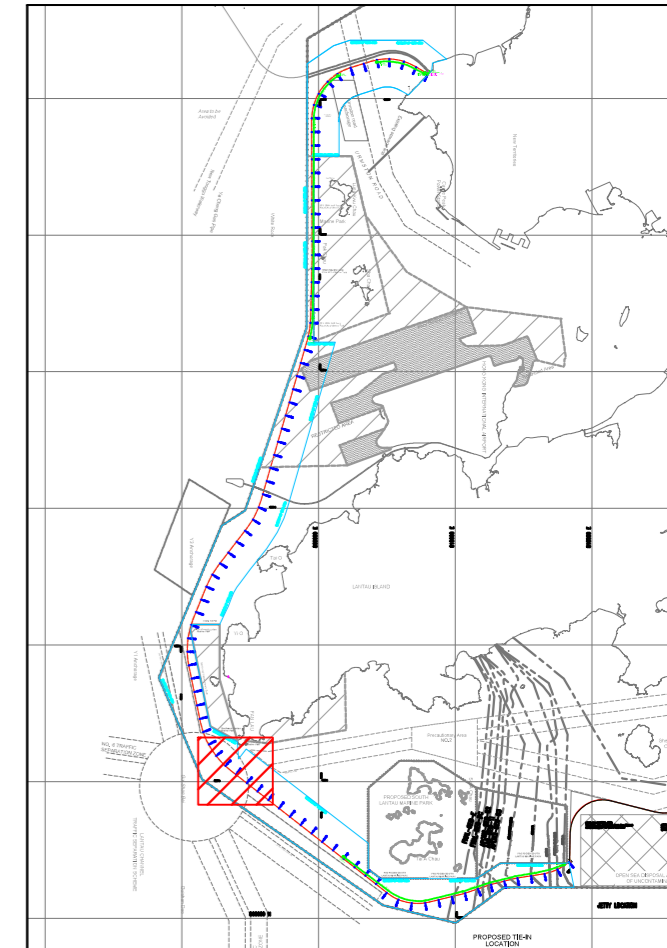
REV. NO.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20	Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB. No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTCO20-5014 (5/18)	REV. D1

DESIGNATION	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 12.50	22° 10.633' N	113° 51.349' E	803156	804334
KP 13.00	22° 10.799' N	113° 51.120' E	802762	804642
KP 13.50	22° 10.966' N	113° 50.890' E	802369	804950
KP 14.00	22° 11.132' N	113° 50.661' E	801975	805258
KP 14.50	22° 11.302' N	113° 50.434' E	801587	805573
KP 15.00	22° 11.501' N	113° 50.237' E	801248	805940
KP 15.50	22° 11.727' N	113° 50.077' E	800975	806358

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

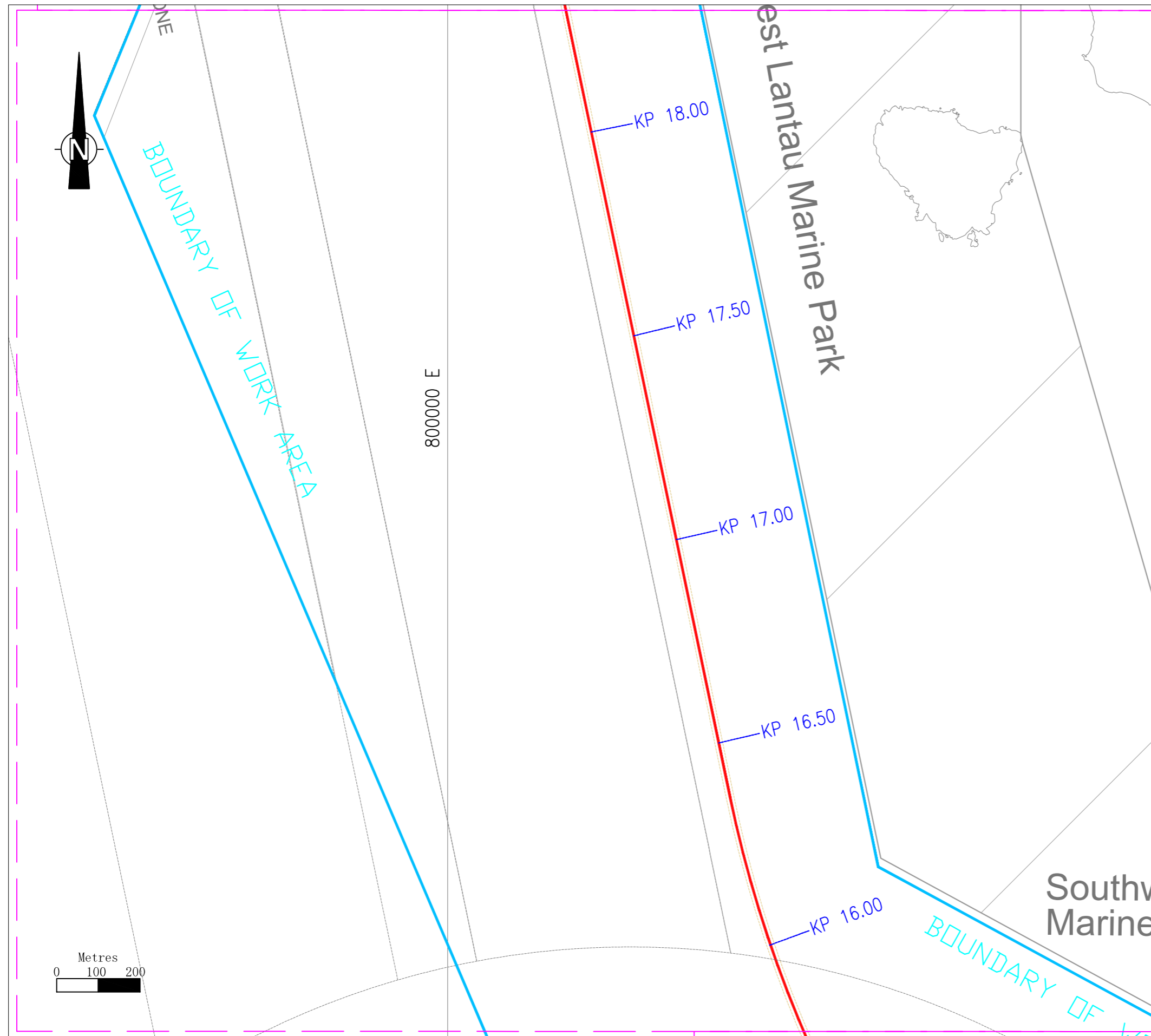
LEGEND:

- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

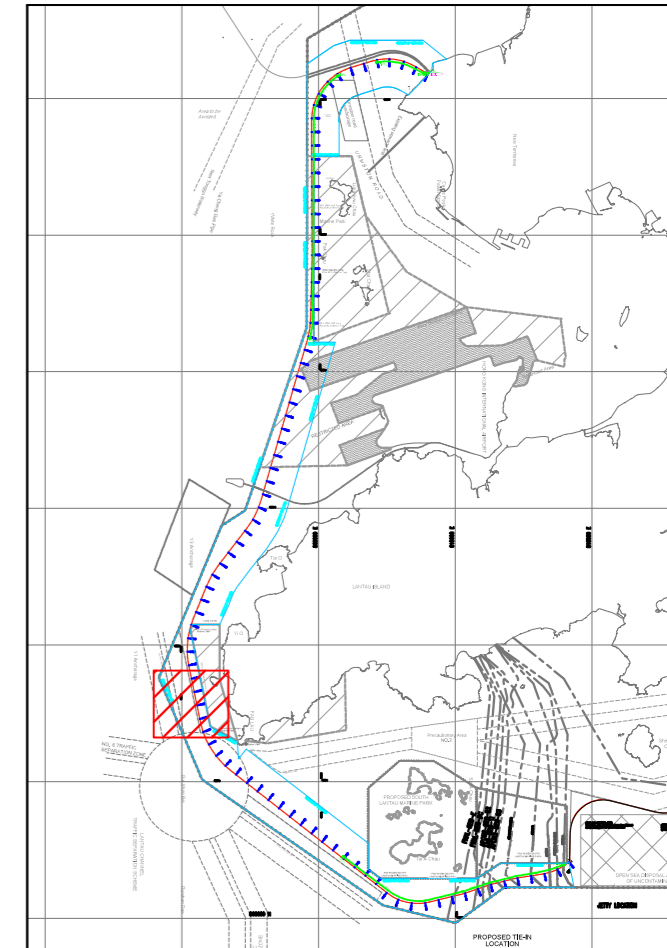
Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.

REVISION	D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie
	D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB
	C	29APR20	Issued for Review	Liuwang	XuHB	YeHB
No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
CLIENT						
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB. No.		
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2		
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.		
CHECKED	XuHB	10OCT20		A112002816		
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)		
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000		
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTC020-5014(6/18)	REV.	D1	

NO.	DESCRIPTION	SIGNATURE	DATE



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 16.00	22° 11.975' N	113° 49.961' E	800775	806816
KP 16.50	22° 12.237' N	113° 49.888' E	800651	807300
KP 17.00	22° 12.502' N	113° 49.828' E	800549	807789
KP 17.50	22° 12.767' N	113° 49.768' E	800447	808279
KP 18.00	22° 13.032' N	113° 49.708' E	800345	808768

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

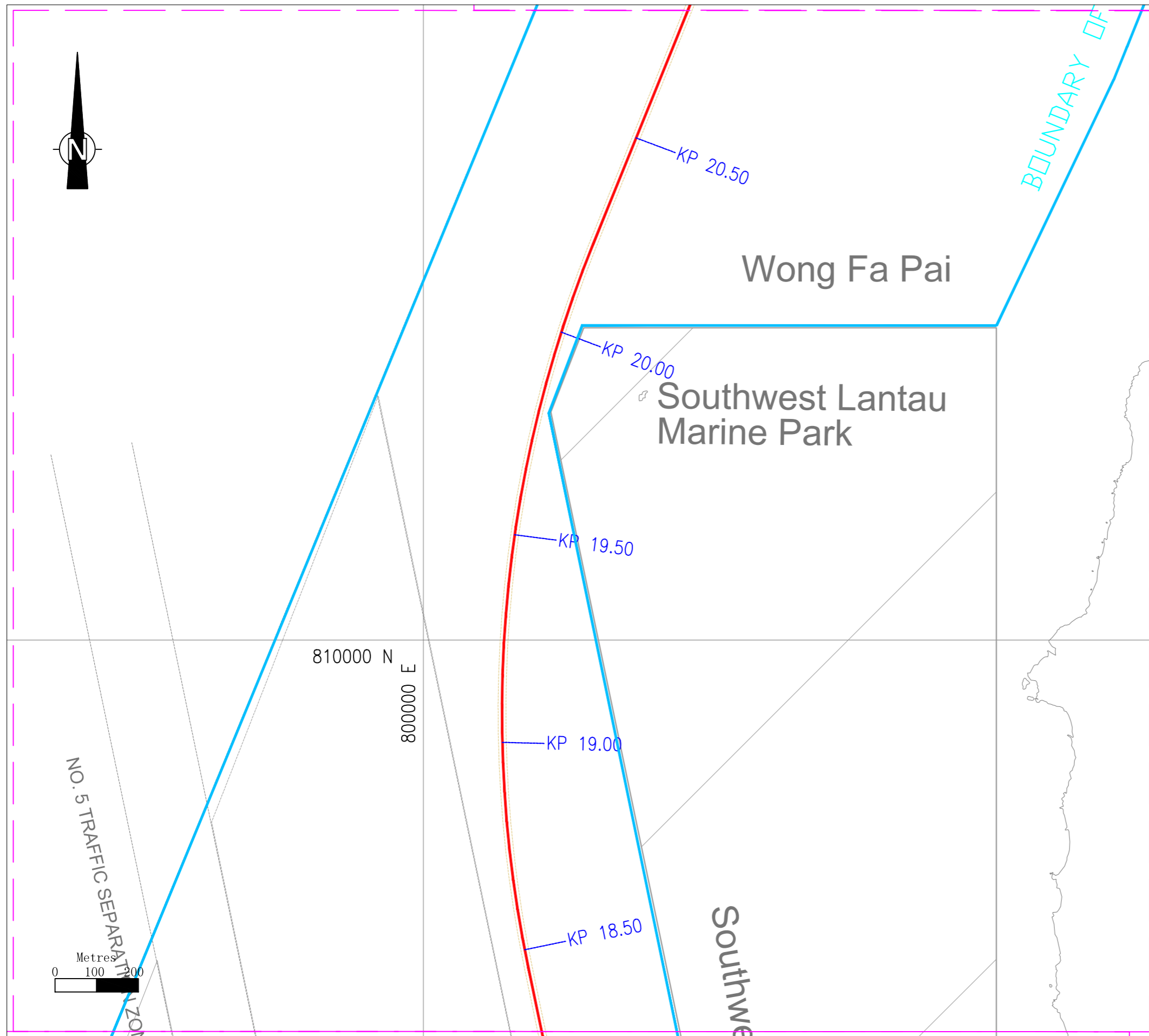
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.

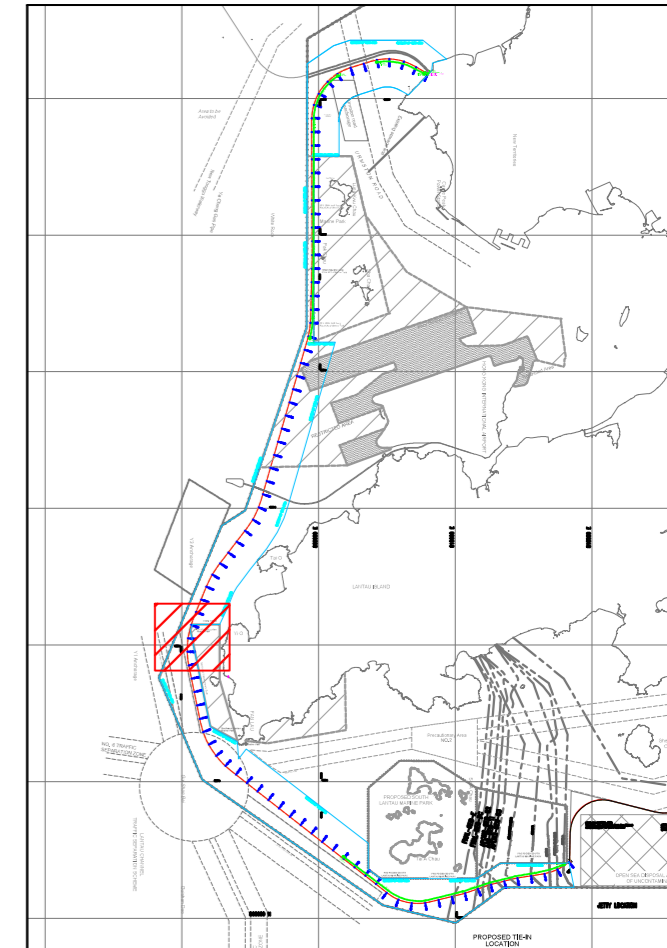
REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued For Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued For Review	Liuwang	XuHB	YeHB	

CLIENT	香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB. No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTC020-5014(7/18)	REV. D1

DESIGNATION	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 18.50	22° 13.297' N	113° 49.648' E	800243	809258
KP 19.00	22° 13.566' N	113° 49.616' E	800190	809754
KP 19.50	22° 13.836' N	113° 49.632' E	800219	810253
KP 20.00	22° 14.100' N	113° 49.697' E	800331	810740
KP 20.50	22° 14.353' N	113° 49.801' E	800511	811206

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:				
	Boundary of work area			
	Double Silt Curtain			
	BPPS Pipeline			

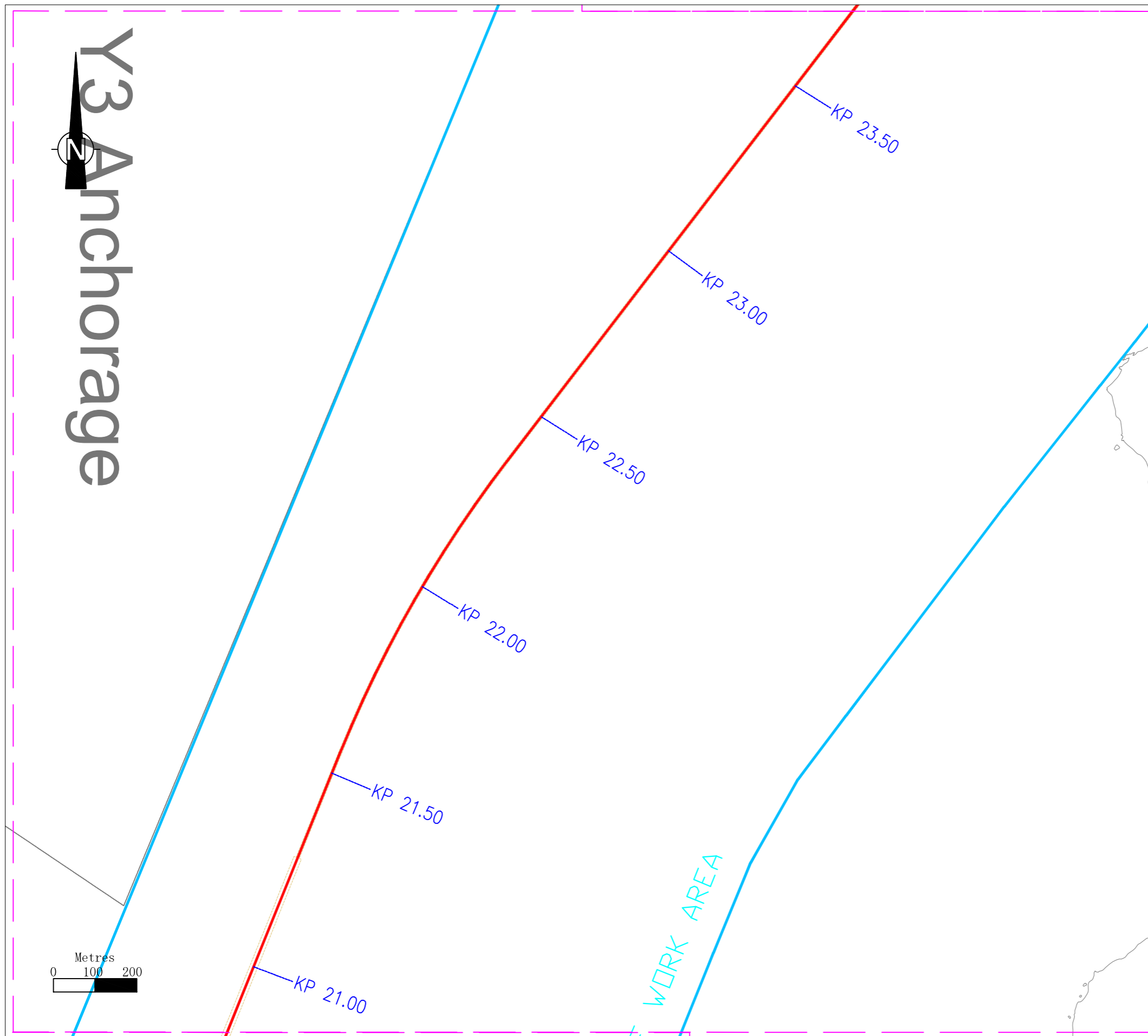
Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.

REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

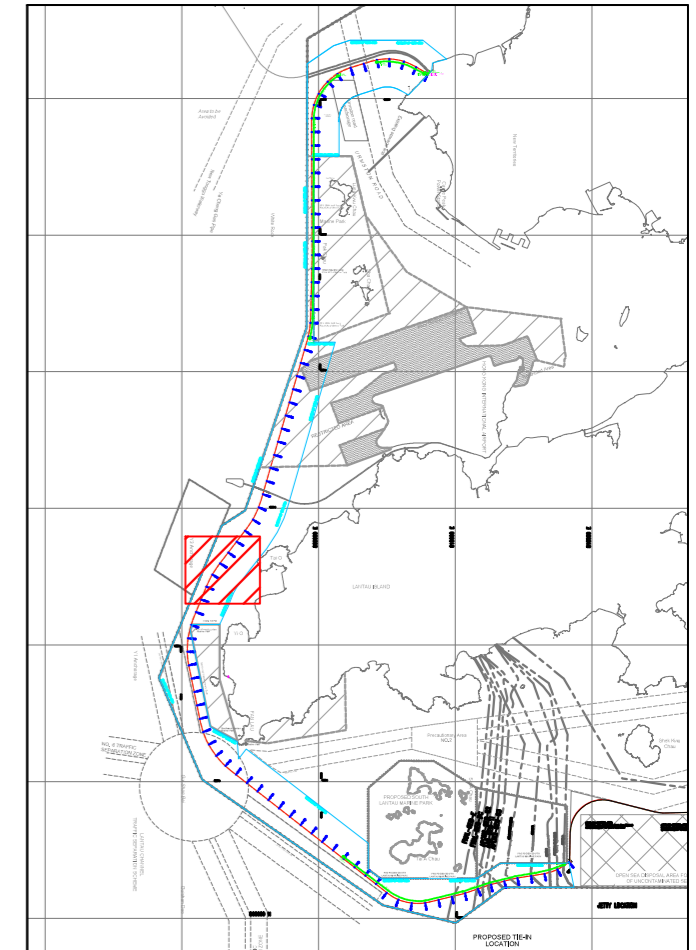
CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-CO0EC-21EKA-CTC020-5014 (8/18)	REV. D1

DESIGNATION	
DISCIPLINE	
SIGNATURE	
DATE	

Y3 Anchorage



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 21.00	22° 14.604' N	113° 49.909' E	800698	811670
KP 21.50	22° 14.856' N	113° 50.018' E	800886	812133
KP 22.00	22° 15.100' N	113° 50.144' E	801103	812583
KP 22.50	22° 15.322' N	113° 50.310' E	801390	812992
KP 23.00	22° 15.537' N	113° 50.487' E	801694	813389
KP 23.50	22° 15.752' N	113° 50.664' E	801999	813785

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

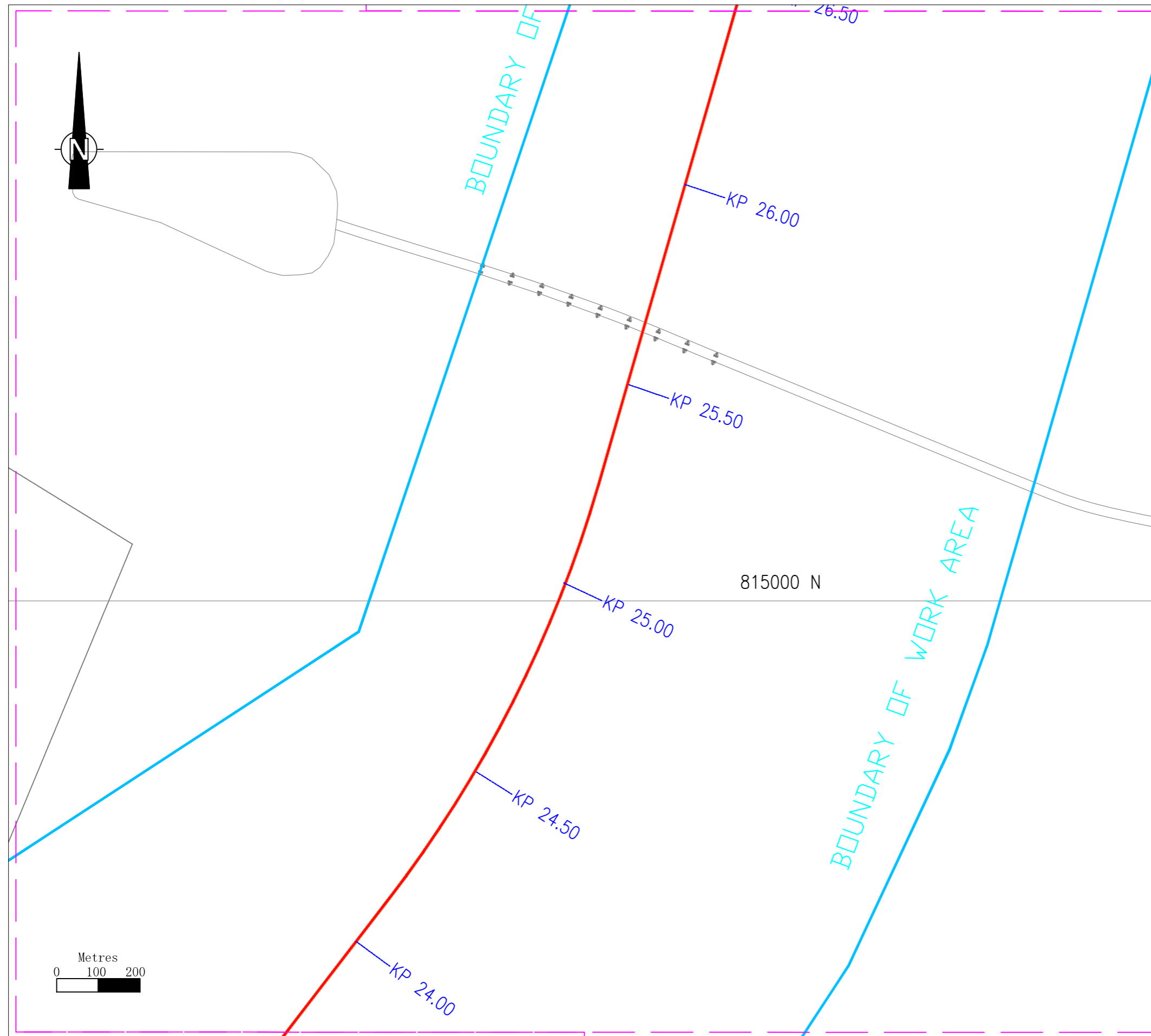
LEGEND:

- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

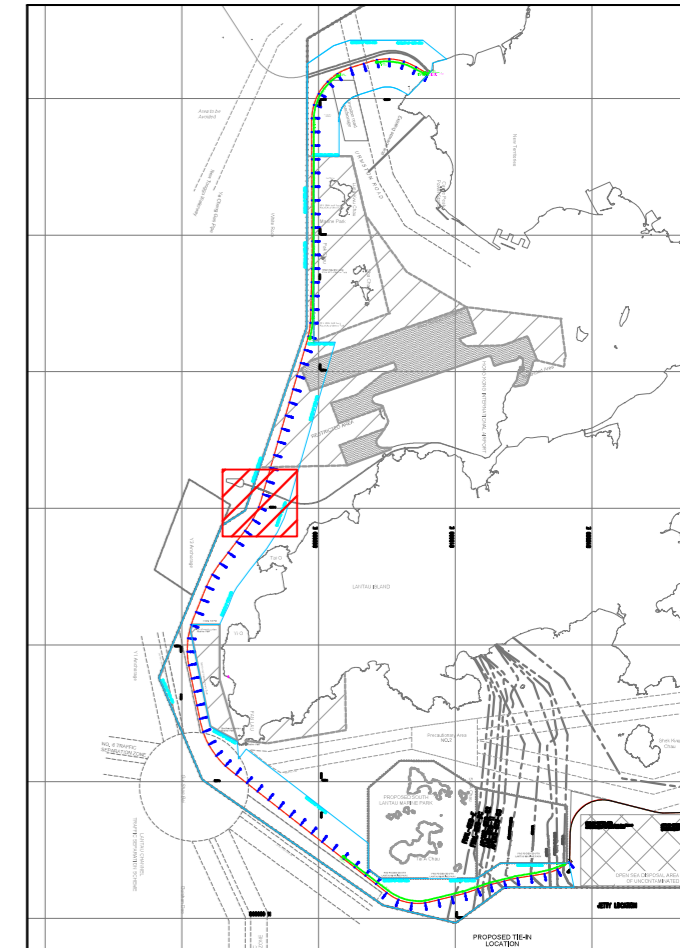
Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.

REVISION	D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie
	D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB
	C	29APR20	Issued for Review	Liuwang	XuHB	YeHB
No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
CLIENT						
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.		
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2		
DESIGNED	Liuwang	10OCT20	-Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.		
CHECKED	XuHB	10OCT20		A112002816		
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)		
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000		
APPROVED			DWG No. HKOLNG-COOEC-21EKA-CTC020-5014(9/18)	REV.	D1	

DESIGN DISCIPLINE	DATE
SIGNATURE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 24.00	22° 15.968' N	113° 50.840' E	802303	814182
KP 24.50	22° 16.190' N	113° 51.006' E	802589	814592
KP 25.00	22° 16.434' N	113° 51.132' E	802805	815042
KP 25.50	22° 16.693' N	113° 51.218' E	802954	815519
KP 26.00	22° 16.953' N	113° 51.298' E	803093	815999

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

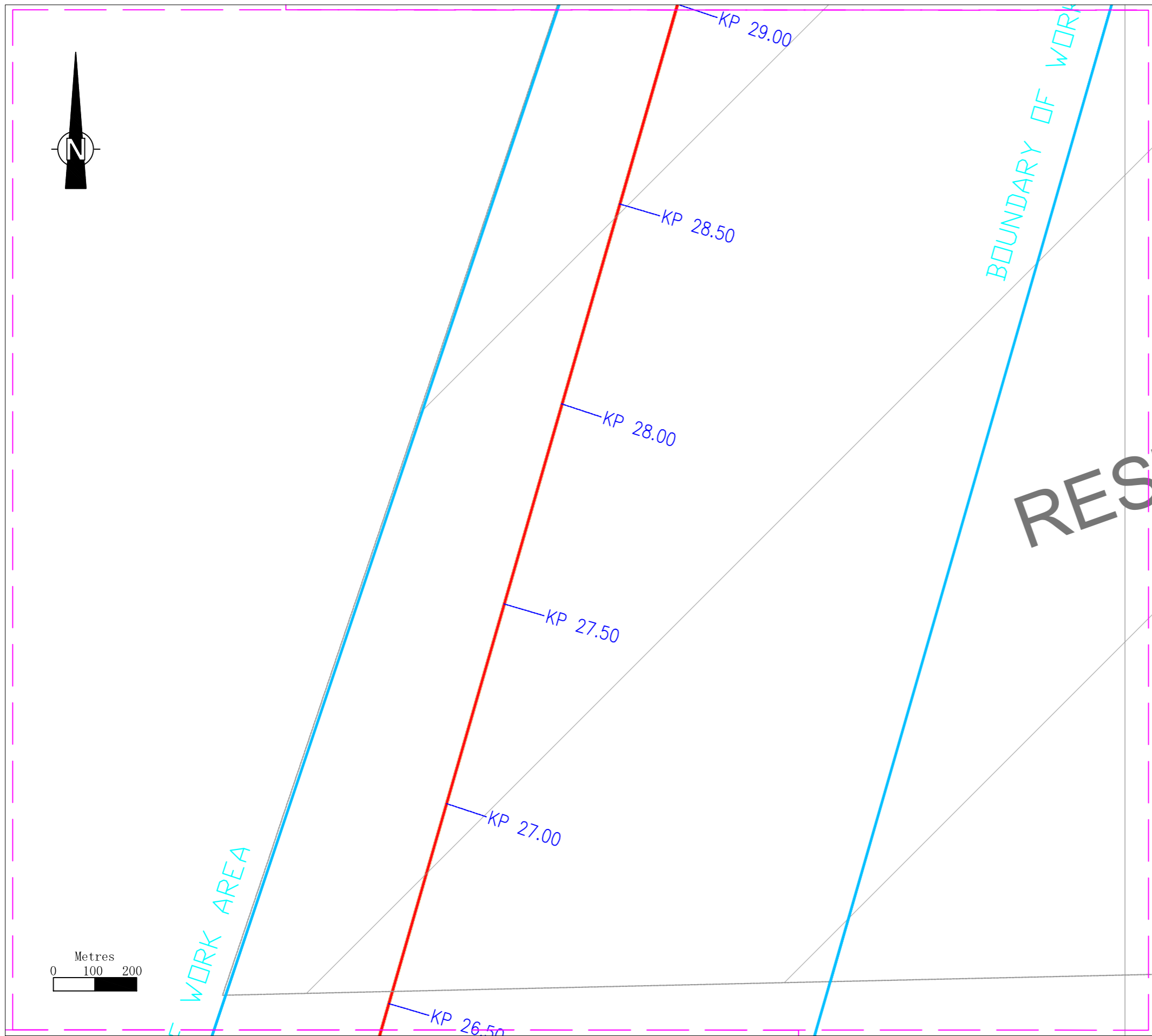
LEGEND:

- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

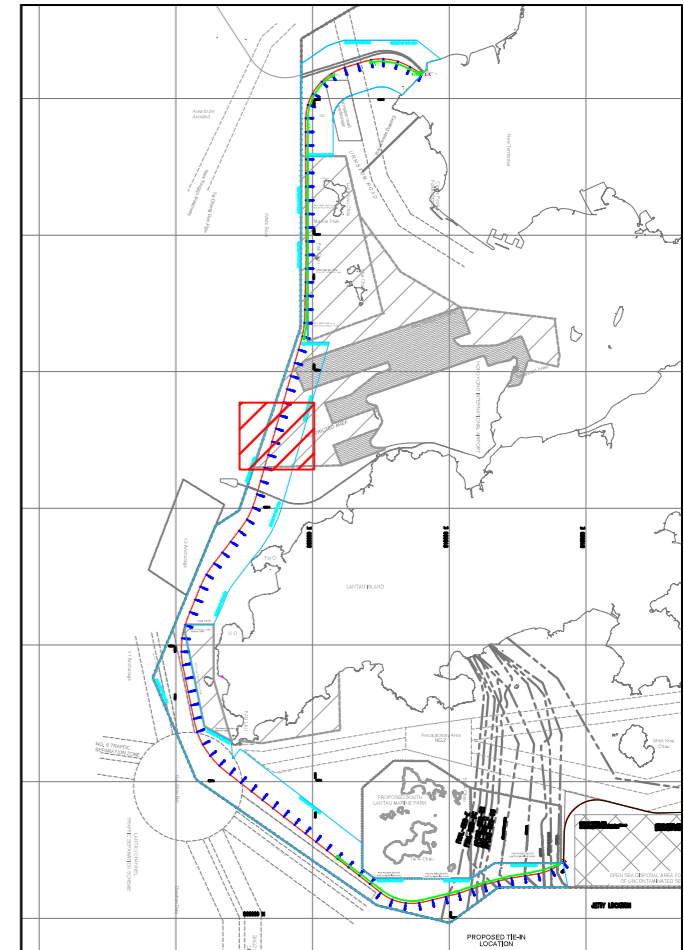
Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.

REVISION	D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie
	D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB
	C	29APR20	Issued for Review	Liuwang	XuHB	YeHB
No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
CLIENT						
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.		
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2		
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.		
CHECKED	XuHB	10OCT20		A112002816		
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)		
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000		
APPROVED			DWG No. HKOLNG-COIEC-21EKA-CTC020-5014 (10/18)	REV.	D1	

DESIGN DISCIPLINE	SIGNATURE	DATE



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 26.50	22° 17.214' N	113° 51.378' E	803232	816480
KP 27.00	22° 17.474' N	113° 51.458' E	803370	816960
KP 27.50	22° 17.735' N	113° 51.538' E	803509	817440
KP 28.00	22° 17.995' N	113° 51.618' E	803648	817921
KP 28.50	22° 18.255' N	113° 51.699' E	803786	818401
KP 29.00	22° 18.516' N	113° 51.779' E	803925	818882

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

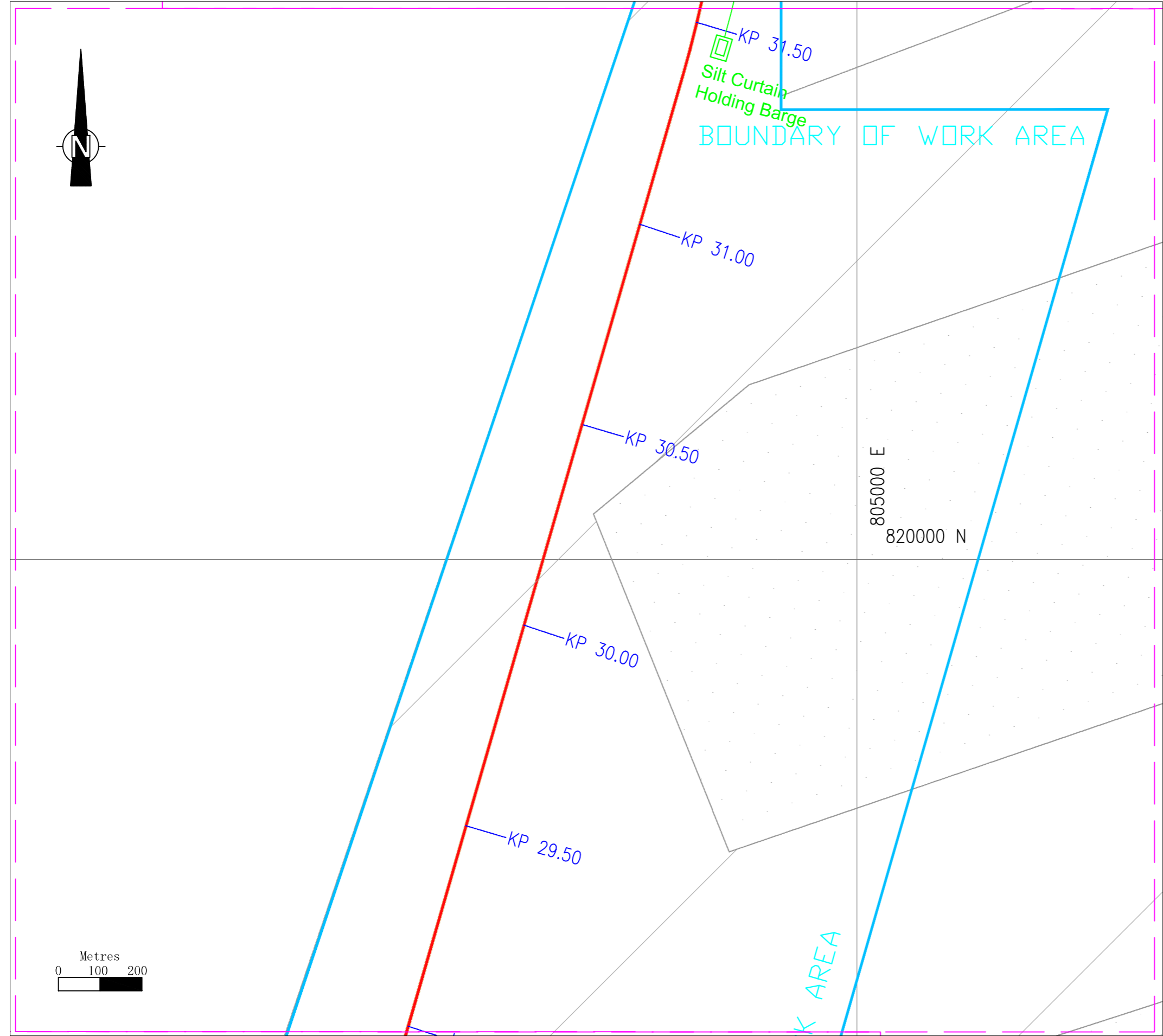
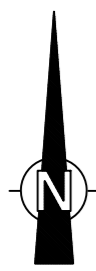
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.

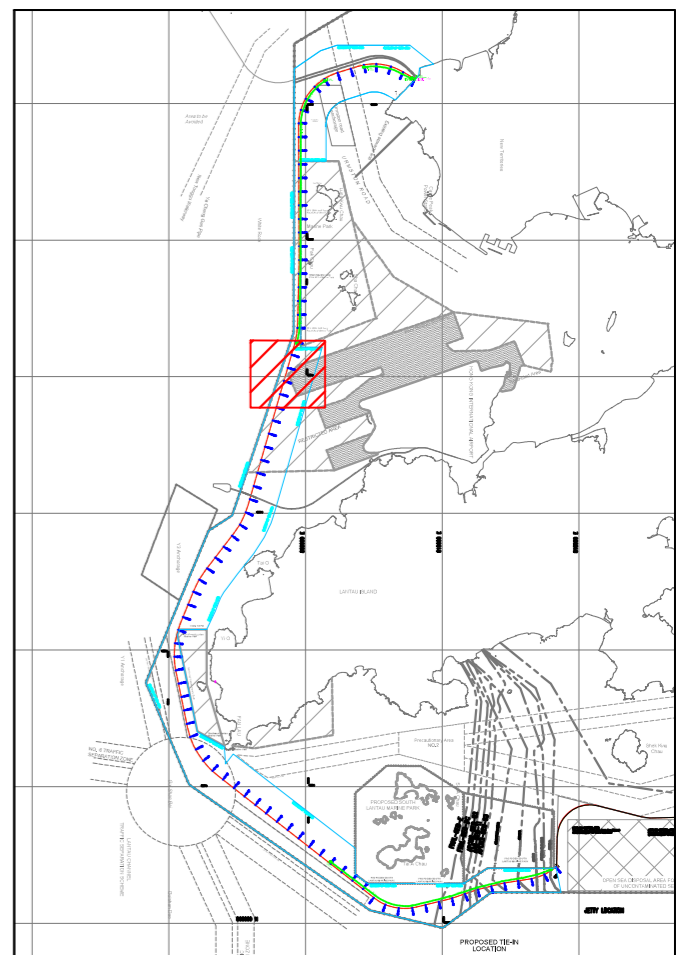
REVISION	NO.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB. No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No. A112002816
CHECKED	XuHB	10OCT20	Drawing Title:	SCALE (A3)
REVIEWED	Zhangjie	10OCT20	BPPS Pipeline Work Area Sketch	1:10000
EXAMINED			DWG No. HKOLNG-COEC-21EKA-CTC020-5014(11/18)	REV. D1
APPROVED				

DESIGN DISCIPLINE	SIGNATURE	DATE



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 29.50	22° 18.776' N	113° 51.859' E	804064	819362
KP 30.00	22° 19.037' N	113° 51.939' E	804202	819842
KP 30.50	22° 19.297' N	113° 52.019' E	804341	820323
KP 31.00	22° 19.558' N	113° 52.100' E	804480	820803
KP 31.50	22° 19.819' N	113° 52.178' E	804616	821284

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

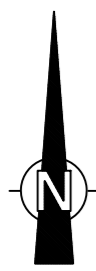
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	中石油(香港)有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY SIGNATURE	DATE	PROJECT TITLE:	JOB. No.	
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COEC-21EKA-CTC020-5014 (12/18)	REV. D1

DESIGN DISCIPLINE	SIGNATURE	DATE



Sha Chau and Lung Kwu Chau Marine Park

805000 E

KP 34.00

KP 33.50

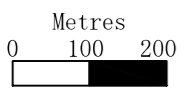
KP 33.00

KP 32.50

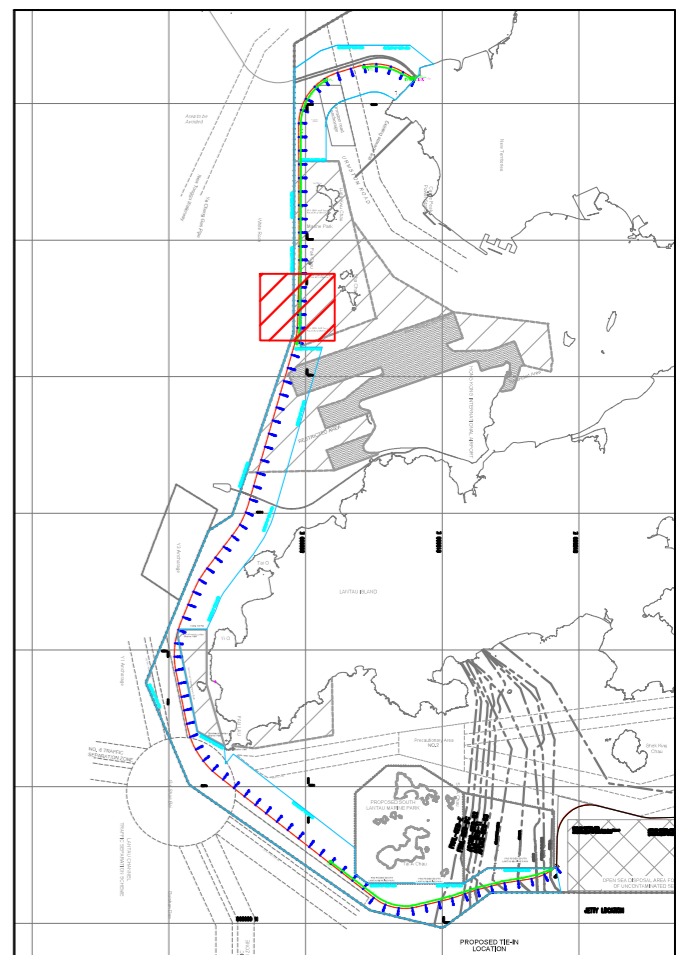
KP 32.00

Double Silt Curtain

Sha Chau and Lung Kwu Chau Marine Park



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 32.00	22° 20.086' N	113° 52.222' E	804692	821778
KP 32.50	22° 20.357' N	113° 52.230' E	804708	822277
KP 33.00	22° 20.628' N	113° 52.237' E	804720	822777
KP 33.50	22° 20.898' N	113° 52.243' E	804732	823277
KP 34.00	22° 21.169' N	113° 52.250' E	804744	823777

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

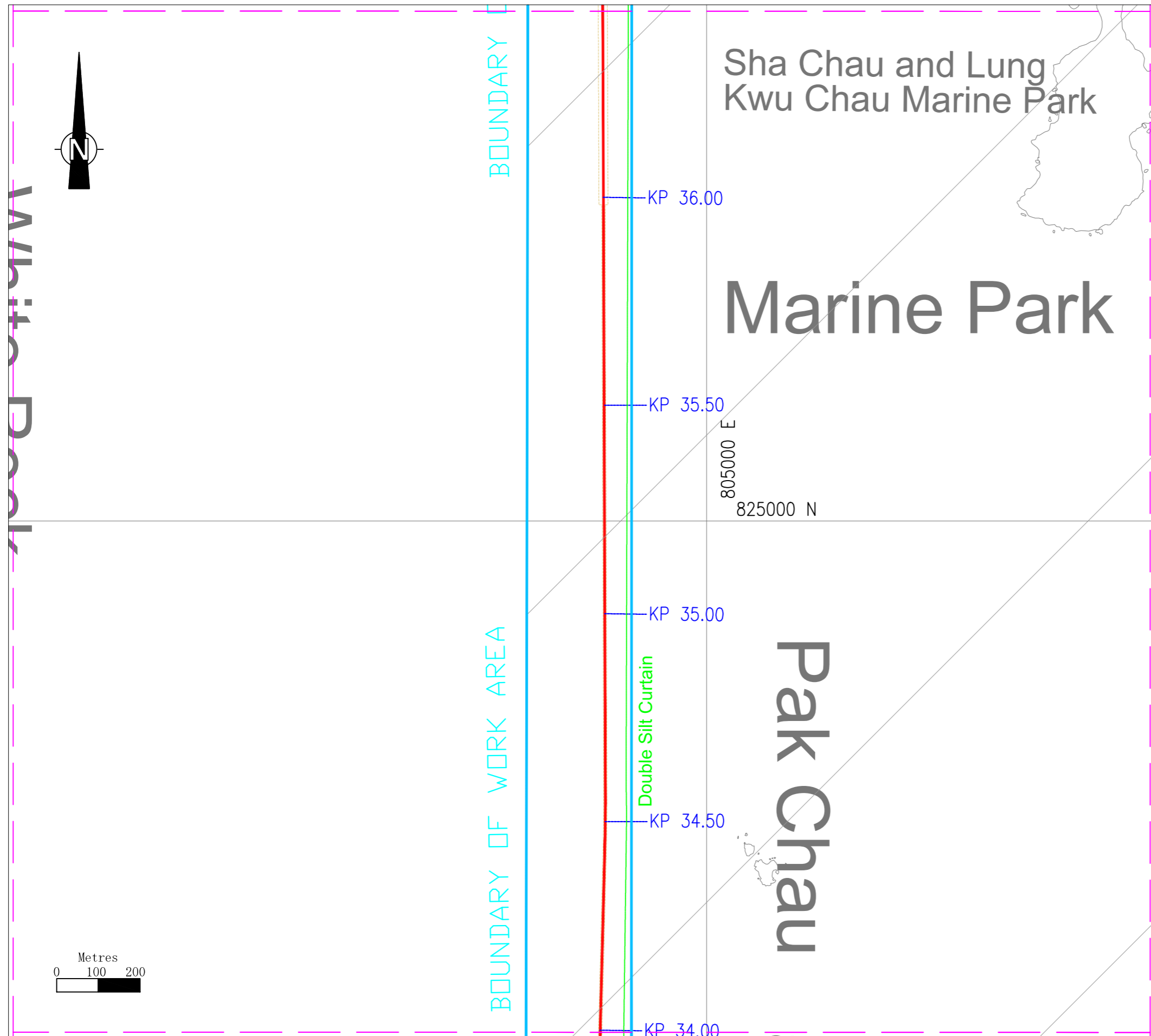
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

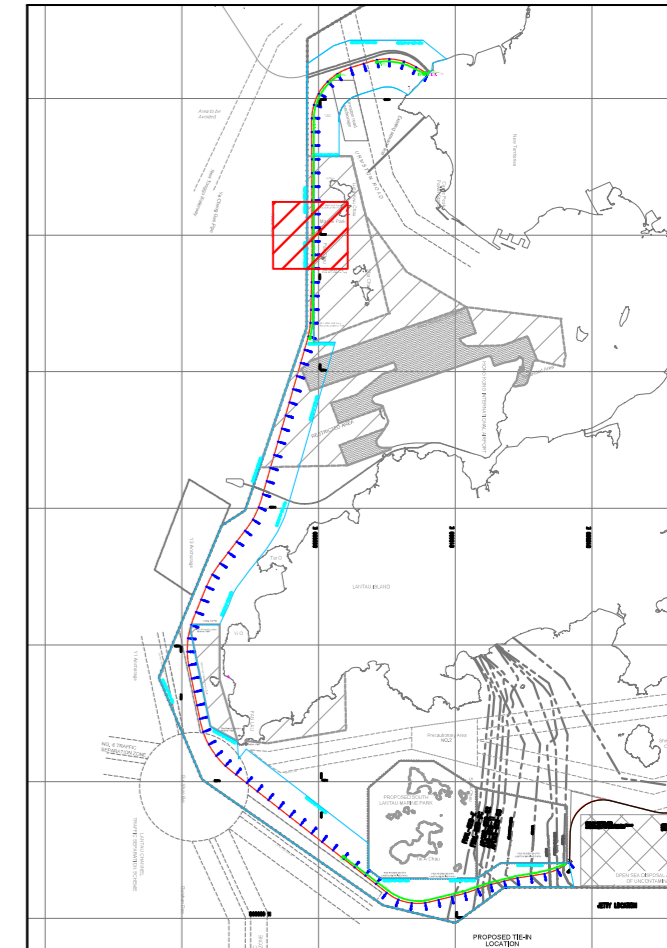
REV. NO.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20	Issued For Review	Liuwang	XuHB	YeHB	
C	29APR20	Issued For Review	Liuwang	XuHB	YeHB	

CLIENT	華商電氣有限公司	Offshore Oil Engineering Co.,Ltd	
SIGNATORY SIGNATURE	DATE	PROJECT TITLE:	JOB No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT
DESIGNED	Liuwang	10OCT20	-Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)
CHECKED	XuHB	10OCT20	CERTIF. No.
REVIEWED	Zhangjie	10OCT20	A112002816
EXAMINED			SCALE (A3)
APPROVED			1:10000
		DWG No. HKOLNG-COEC-21EKA-CTC020-5014 (13/18)	REV. D1

NO.	DESCRIPTION	SIGNATURE	DATE



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 34.00	22° 21.169' N	113° 52.250' E	804744	823777
KP 34.50	22° 21.440' N	113° 52.256' E	804756	824777
KP 35.00	22° 21.711' N	113° 52.255' E	804756	824777
KP 35.50	22° 21.982' N	113° 52.254' E	804754	825277
KP 36.00	22° 22.253' N	113° 52.252' E	804752	825777

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

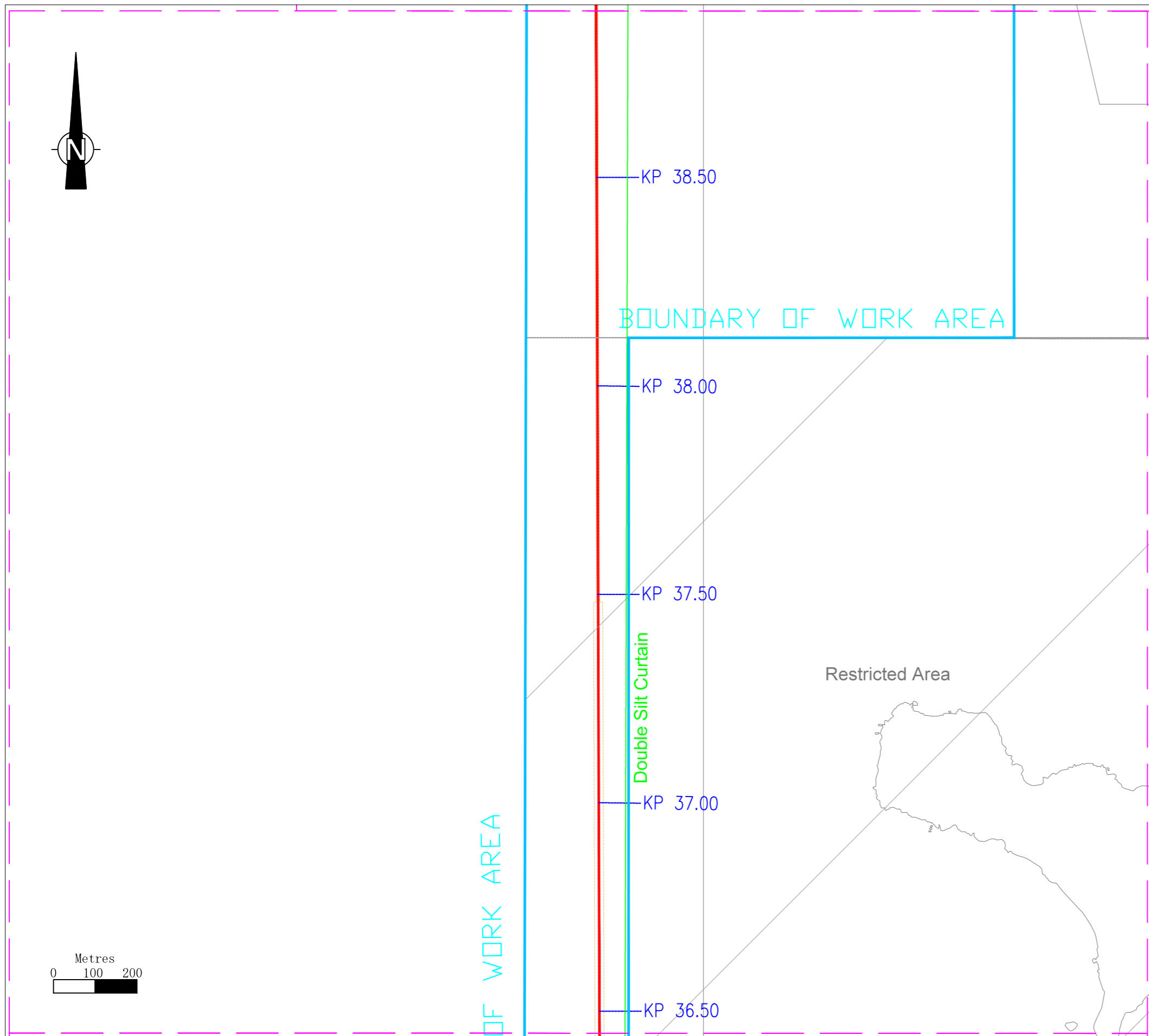
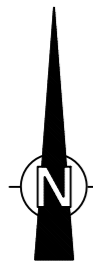
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

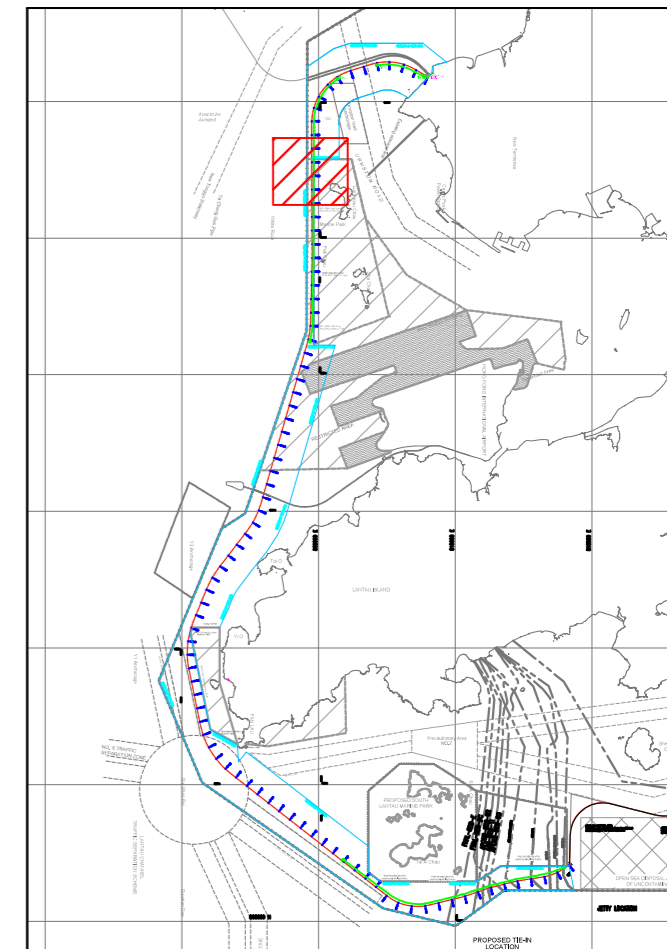
REV. NO.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20	Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20	Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20	Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd
SIGNATORY SIGNATURE		PROJECT TITLE: HONG KONG OFFSHORE LNG TERMINAL PROJECT -Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)
DRAWN	Liuwang	JOB No. 20ZB-DD2
DESIGNED	Liuwang	CERTIF. No. A112002816
CHECKED	XuHB	SCALE (A3) 1:10000
REVIEWED	Zhangjie	Drawing Title: BPPS Pipeline Work Area Sketch
EXAMINED		DWG No. HKOLNG-COEC-21EKA-CTC020-5014 (14/18)
APPROVED		REV. D1

DESIGNATION	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 36.50	22° 22.524' N	113° 52.251' E	804751	826277
KP 37.00	22° 22.795' N	113° 52.249' E	804749	826777
KP 37.50	22° 23.066' N	113° 52.248' E	804748	827277
KP 38.00	22° 23.337' N	113° 52.246' E	804746	827777
KP 38.50	22° 23.607' N	113° 52.245' E	804744	828277

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

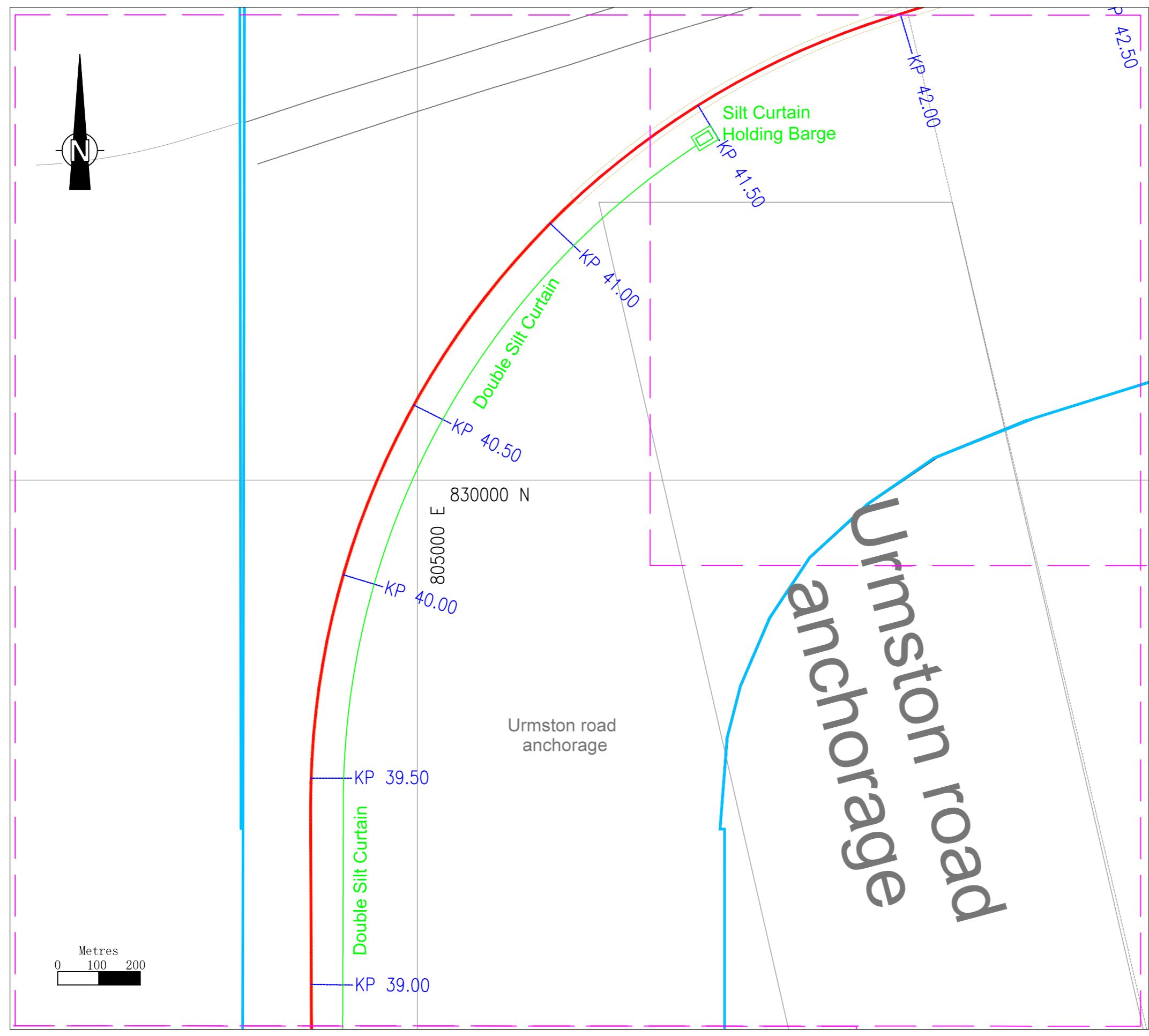
- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

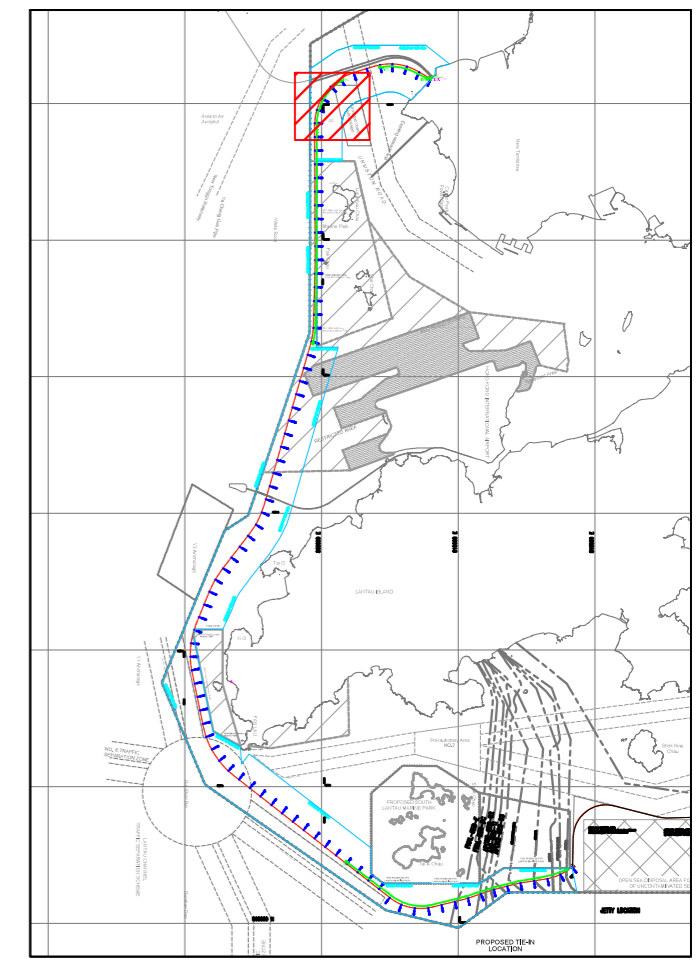
REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB. No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COEC-21EKA-CTC020-5014 (15/18)	REV. D1

DESIGN	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 39.00	22° 23.878' N	113° 52.243' E	804743	828777
KP 39.50	22° 24.149' N	113° 52.242' E	804742	829277
KP 40.00	22° 24.416' N	113° 52.287' E	804820	829769
KP 40.50	22° 24.665' N	113° 52.402' E	805018	830227
KP 41.00	22° 24.879' N	113° 52.579' E	805322	830622
KP 41.50	22° 25.046' N	113° 52.807' E	805715	830930
KP 42.00	22° 25.155' N	113° 53.073' E	806171	831131
KP 42.50	22° 25.237' N	113° 53.351' E	806648	831280

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

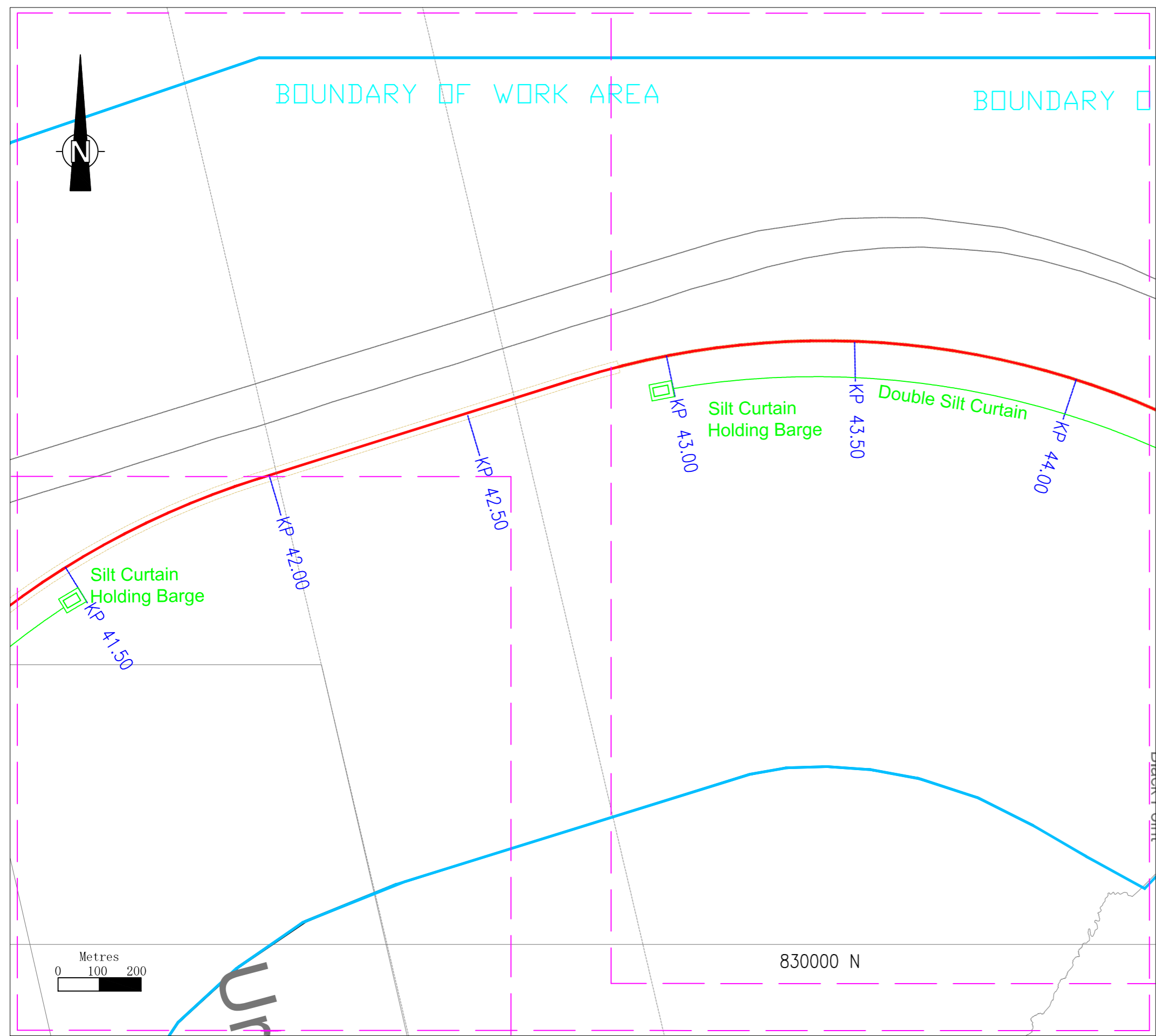
- Blue line: Boundary of work area
- Green line: Double Silt Curtain
- Red line: BPPS Pipeline

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

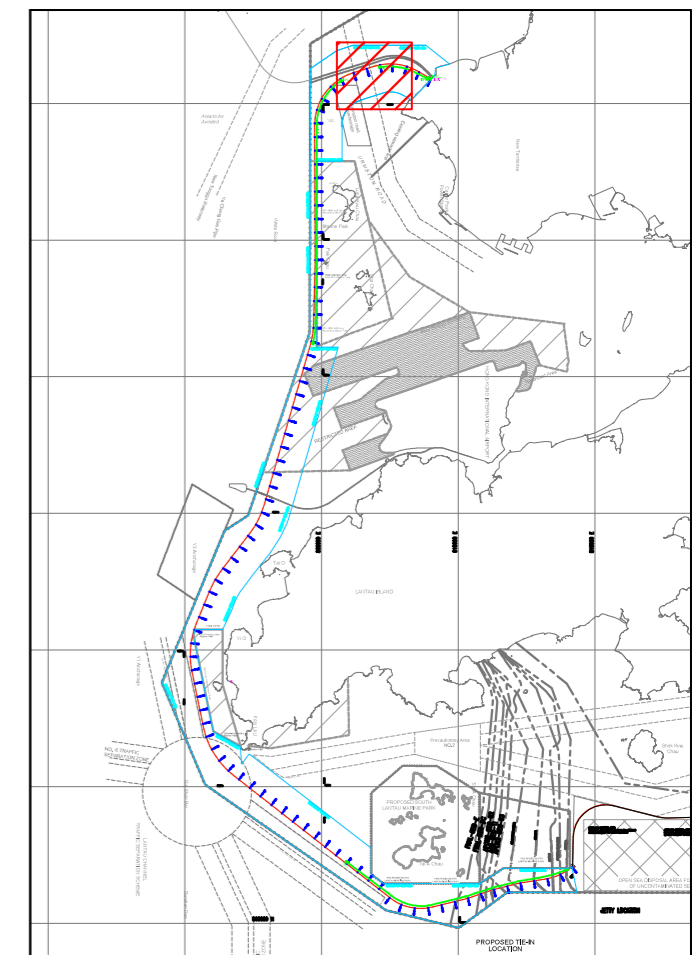
REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	中石油能源有限公司	Offshore Oil Engineering Co., Ltd
SIGNATORY SIGNATURE		
DATE	10OCT20	
PROJECT TITLE	HONG KONG OFFSHORE LNG TERMINAL PROJECT -Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	
JOB. No.	20ZB-DD2	
CERTIF. No.	A112002816	
DRAWN	Liuwang	10OCT20
DESIGNED	Liuwang	10OCT20
CHECKED	XuHB	10OCT20
REVIEWED	Zhangjie	10OCT20
EXAMINED		
APPROVED		
DWG No.	HKOLNG-COEEC-21EKA-CTC020-5014(16/18)	
REV.	D1	

DESIGN	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 41.50	22° 25.046' N	113° 52.807' E	805715	830930
KP 42.00	22° 25.155' N	113° 53.073' E	806171	831131
KP 42.50	22° 25.237' N	113° 53.351' E	806648	831280
KP 43.00	22° 25.312' N	113° 53.631' E	807129	831418
KP 42.50	22° 25.237' N	113° 53.351' E	806648	831280
KP 43.00	22° 25.312' N	113° 53.631' E	807129	831418
KP 43.50	22° 25.331' N	113° 53.921' E	807626	831452
KP 44.00	22° 25.282' N	113° 54.206' E	808117	831361

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline
- - - Steel Sheet Piles for Cofferdam

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

REVISION	No.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

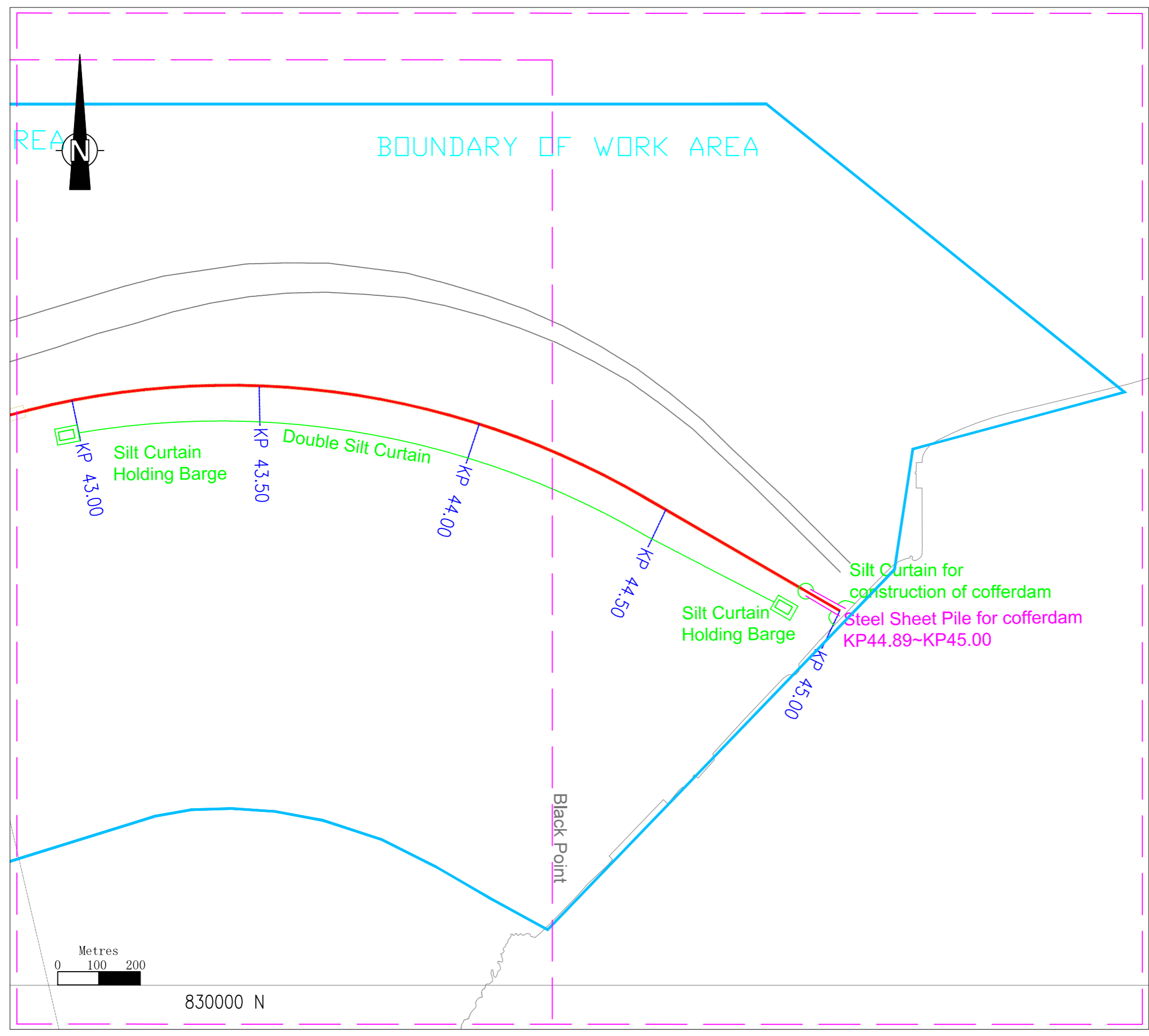
CLIENT: **Capco** 香港中華煤氣有限公司
Offshore Oil Engineering Co., Ltd

SIGNATORY SIGNATURE DATE PROJECT TITLE: HONG KONG OFFSHORE LNG TERMINAL PROJECT - Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018) JOB. No. 20ZB-DD2

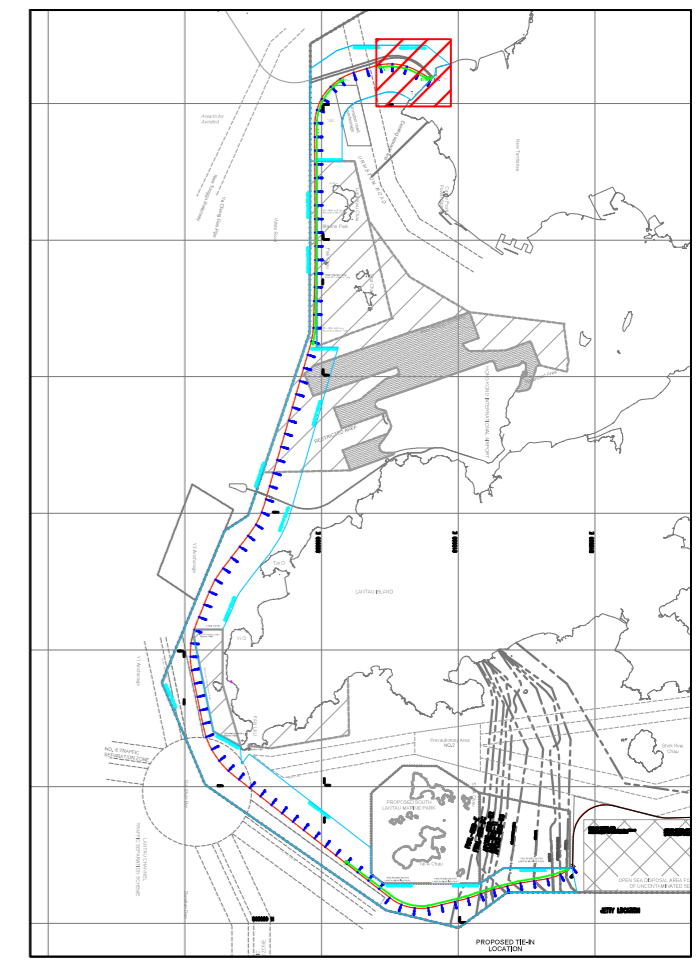
DRAWN Liuwang 10OCT20 DESIGNED Liuwang 10OCT20 CHECKED XuHB 10OCT20 REVIEWED Zhangjie 10OCT20 EXAMINED APPROVED DWG No. HKOLNG-COOC-21EKA-CTC020-5014 (17/18) REV. D1

CERTIF. No. A112002816 SCALE (A3) 1:10000

DESIGNATION	
DISCIPLINE	
SIGNATURE	
DATE	



PROPOSED 30" BPPS PIPELINE ROUTE



ID	WGS84		HK80	
	LATITUDE	LONGITUDE	E	N
KP 43.00	22° 25.312' N	113° 53.631' E	807129	831418
KP 43.50	22° 25.331' N	113° 53.921' E	807626	831452
KP 44.00	22° 25.282' N	113° 54.206' E	808117	831361
KP 44.50	22° 25.170' N	113° 54.471' E	808570	831153
KP 45.00	22° 25.034' N	113° 54.723' E	809002	830901

NOTE: THE COORDINATES ARE REFERENCED TO THE WORLD GEODETIC SYSTEM 1984 COORDINATE SYSTEM (WGS84) AND THE HONG KONG 1980 GRID SYSTEM (HK80).

LEGEND:

- Boundary of work area
- Double Silt Curtain
- BPPS Pipeline
- Steel Sheet Piles for Cofferdam

Note 1: Silt curtain will be deployed at the plant for dredging and jetting activities.
 Note 2: The length of the double layer silt curtain deployed at the active dredging / jetting location will be determined considering the findings of the EIA Report and Environmental Review Report for the BPPS Pipeline Construction Options, the potential impact to existing marine traffic for review by the Marine Department and the performance of the pilot test upon agreement with the Environmental Team and the Independent Environmental Checker.

REVISION	NO.	DATE	DESCRIPTION	BY	REV' W.	EXAM.	CLP
D1	10OCT20		Issued for Review	Liuwang	XuHB	Zhangjie	
D	27MAY20		Issued for Review	Liuwang	XuHB	YeHB	
C	29APR20		Issued for Review	Liuwang	XuHB	YeHB	

CLIENT	Capco 香港中華煤氣有限公司	Offshore Oil Engineering Co., Ltd		
SIGNATORY	SIGNATURE	DATE	PROJECT TITLE:	JOB No.
DRAWN	Liuwang	10OCT20	HONG KONG OFFSHORE LNG TERMINAL PROJECT	20ZB-DD2
DESIGNED	Liuwang	10OCT20	Works associated with the subsea gas pipeline for Black Point Power Station and the associated Gas Receiving Station in BPPS (Further Environment Permit No. FEP-03/558/2018)	CERTIF. No.
CHECKED	XuHB	10OCT20		A112002816
REVIEWED	Zhangjie	10OCT20	Drawing Title:	SCALE (A3)
EXAMINED			BPPS Pipeline Work Area Sketch	1:10000
APPROVED			DWG No. HKOLNG-COEC-21EKA-CTC020-5014 (18/18)	REV. D1