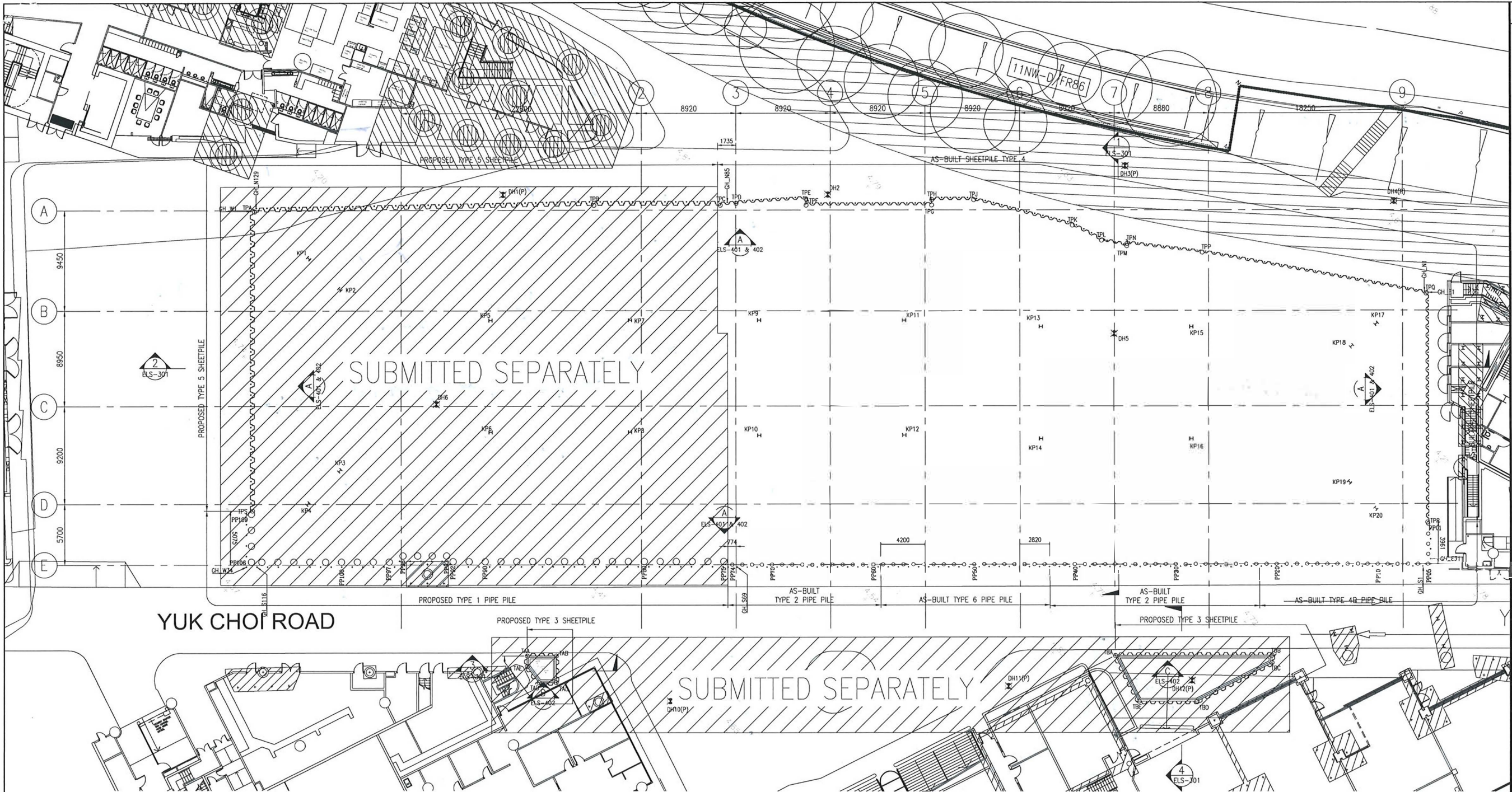




B.D. REF. No. -

NOTES :-

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVEL TO BE IN METRE ABOVE PRINCIPAL DATUM (mPD.)
2. FOR GENERAL NOTES REFER TO DRAWING NO. CS1591-ELS-101 TO 103.

LEGEND :

- AS-BUILT SHEET PILE WALL
- AS-BUILT PIPE PILE
- TURNING POINT (TPA TO TPP)
- SITE BOUNDARY
- PROPOSED KING POST (KP1)
- EXISTING DILTHOLE
- EXISTING GROUND LEVEL
- GROUT HOLE

BD 1ST SUBMISSION	-	19/03/15	CP
REVISIONS TO DRAWING	No.	DATE	BY

IMPORTANT: DO NOT SCALE THIS DRAWING
ALL DIMENSIONS SHOULD BE CHECKED ON SITE

PROJECT

CLIENT

TITLE

AS-BUILT PILE WALL LAYOUT PLAN

PROJECT NO.

DRG. NO.

DATE

REV.

CS1591

ELS-201 ASB

03/2015

0

SCALE

DESIGNED

DRAWN

CHECKED

APPROVED

1:200

KCL

CL

CWY

CP

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ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

BUILDING SERVICE

SETTING OUT OF SHEET PILE WALL

	EASTING	NORTHING
TPA	836538.766	818472.445
TPB	836559.800	818496.586
TPC	836567.785	818505.411
TPD	836568.649	818506.630
TPE	836572.770	818511.804
TPF	836573.220	818511.419
TPG	836581.151	818520.183
TPH	836580.783	818520.529
TPJ	836583.434	818523.436
TPK	836591.469	818528.753
TPL	836594.341	818529.815
TPM	836596.339	818531.245
TPN	836596.197	818531.407
TPP	836601.564	818536.081
TPQ	836618.559	818549.125
TPR	836634.557	818534.797
TPS	836559.450	818453.465

PIPE PILE SETTING OUT

	EASTING	NORTHING
TAA	836586.945	818463.497
TAB	836588.779	818465.522
TAC	836590.633	818463.846
TAD	836589.549	818462.648
TAE	836587.688	818462.826
TBA	836624.106	818504.603
TBB	836633.996	818515.534
TBC	836634.511	818515.068
TBD	836632.458	818507.425
TBE	836628.799	818503.381

PIPE PILE MARK	EASTING	NORTHING
PP01	836634.705	818534.732
PP05	836637.523	818532.183
PP12	836572.410	818460.631
PP15	836572.430	818461.501
PP19	836575.766	818464.332
PP32	836588.017	818477.872
PP33	836588.989	818478.323
PP37	836592.759	818482.490
PP38	836593.004	818483.321
PP74	836593.542	818483.577
PP75	836592.785	818483.193
PP92	836575.676	818464.285
PP93	836574.873	818464.202
PP96	836572.123	818461.162
PP97	836571.677	818459.812
PP108	836562.941	818450.157
PP107	836637.082	818532.037
PP109	836559.604	818453.177
PP111	836634.805	818534.586

PILE WALL LAYOUT PLAN (STAGE 0) : 200

TYPICAL CONSTRUCTION SEQUENCE

1. INSTALL THE MONITORING CHECK POINTS.
2. CARRY OUT DIVERSION WORKS FOR EXISTING UNDERGROUND UTILITIES INSIDE THE SITE, AND ALONG PILE WALL ALIGNMENT.
3. INSTALL THE PILES & KING POSTS TO PROPOSED LEVEL.
4. INSTALL GROUT CURTAIN.
5. INSTALL DEWATERING WELLS AND OBSERVATION WELLS. (REFER TO DWG. NO. CS1591-ELS-601 & 602)
6. CARRY OUT THE PUMPING TEST TO VERIFY THE EFFECTIVENESS OF THE WATER CUT OFF.

STEEL SECTION PROPERTIES FOR SHEET PILE

SECTION	REFERENCE OF MANUFACTURE	DIMENSION (mm)			SECTIONAL AREA PER WALL WIDTH (cm ² /m)	WEIGHT PER WALL WIDTH (kg/m)	SECTION MODULUS PER WALL WIDTH (cm ³ /m)	MOMENT OF INERTIA PER WALL WIDTH (cm ⁴ /m)	STEEL GRADE
		WIDTH (W)	HEIGHT (H)	THICKNESS (T)					
	FSP-V	500	200	24.3	267.6	210	520	63000	COMPLY WITH BS EN 10248-1
	FSP-III	400	125	13	191.0	150	1340	16800	

*FOR REDUCTION FACTORS, B_x & B_y ARE 1 & 0.85 RESPECTIVELY.