



AECOM
12/F Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road
Shatin, Hong Kong
香港新界沙田鄉事會路 138 號
新城市中央廣場第 2 座 12 樓
www.aecom.com

Our Ref. : ER60102100/S4/M45/105-B9359

27 July 2020

Environmental Protection Department
Environmental Assessment Division - Metro Assessment Group
27/F Southern Centre,
130 Hennessy Road,
Wan Chai,
Hong Kong

Attn: Ms. Maureen Chang

Kai Tak Development Site Office
Contract No. KL/2012/03
c/o AECOM
12/F Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road
Shatin, Hong Kong
Telephone No. +852 2798 0771
Fax No. +852 2798 0783

Dear Madam,

Contract No. KL/2012/03

Kai Tak Development – Stage 4 Infrastructure at Former North Apron Area

Environmental Permit No. Ep-344/2009

EP Condition 2.12 – Submission of As-built Drawings for Mitigating Landscaping and Visual Impact for Pumping Stations PS2 and NPS

In accordance with Environmental Permit (EP) Condition 2.12 of EP-344/2009, I am pleased to submit herewith four hard copies and one electronic copy of the as-built drawings for Pumping Stations PS2 and NPS.

Please be advised that the above drawings were certified by the Environmental Team (ET) Leader and verified by Independent Environmental Checker (IEC) according to Condition 2.12 of the EP. A copy of the certification letter and verification letter provided by the ET Leader and IEC respectively is enclosed for your record.

Should you have any enquiries or require any further information, please do not hesitate to contact my Resident Engineer, Mr. Mickey Lee, at telephone no. 2798 0771.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.

Leung Wai Kit
Chief Resident Engineer
Engineer's Representative
Land Supply / Municipal, Hong Kong

LWK/ML/SW/cml

Encl.

cc	EDO, CEDD	(Attn: Mr. C. K. Choi)	} w/o
	AACL	(Attn: Mr. Ivan Tsang)	
	KO	(Attn: Mr. P.H. Ho)	
	ET	(Attn: Dr. Priscilla Choy)	
	IEC	(Attn: Mr. Adi Lee)	

Reply Required: N

	Drawing No.	Description
01	60102100/S4/7202Z	PLANTING SCHEDULE
02	60102100/S4/8001Z	PUMPING STATION PS2 – LAYOUT PLAN
03	60102100/S4/8400Z	PUMPING STATION PS2 – GENERAL NOTES FOR ARCHITECTURAL WORKS
04	60102100/S4/8401Z	PUMPING STATION PS2 – GROUND FLOOR PLAN
05	60102100/S4/8402Z	PUMPING STATION PS2 – ROOF FLOOR PLAN
06	60102100/S4/8403Z	PUMPING STATION PS2 – ELEVATION 1, 2, 3, 4
07	60102100/S4/8404-2Z	PUMPING STATION PS2 – FENCE WALL ELEVATION PLAN
08	60102100/S4/8501Z	PUMPING STATION PS2 – LANDSCAPE GENERAL ARRANGEMENT PLAN (GF & ROOF)
09	60102100/S4/8502Z	PUMPING STATION PS2 – SETTING OUT PLAN
10	60102100/S4/8503Z	PUMPING STATION PS2 – TREE PLANTING PLAN & SOILING PLAN
11	60102100/S4/8504Z	PUMPING STATION PS2 – SHRUB PLANTING PLAN
12	60102100/S4/9001Z	PUMPING STATION NPS – LAYOUT PLAN
13	60102100/S4/9400Z	GENERAL NOTES FOR ARCHITECTURAL WORKS OF PUMPING STATION NPS
14	60102100/S4/9401Z	PUMPING STATION NPS GROUND FLOOR PLAN
15	60102100/S4/9402Z	PUMPING STATION NPS ROOF FLOOR PLAN
16	60102100/S4/9403Z	PUMPING STATION NPS ELEVATION 1 & 2
17	60102100/S4/9404Z	PUMPING STATION NPS ELEVATION 3 & 4
18	60102100/S4/9501Z	PUMPING STATION NPS – LANDSCAPE GENERAL ARRANGEMENT PLAN (GF)
19	60102100/S4/9502Z	PUMPING STATION NPS – LANDSCAPE GENERAL ARRANGEMENT PLAN (ROOF)
20	60102100/S4/9503Z	PUMPING STATION NPS – SETTING OUT PLAN (GF)
21	60102100/S4/9504Z	PUMPING STATION NPS – SETTING OUT PLAN (ROOF)
22	60102100/S4/9505Z	PUMPING STATION NPS – TREE PLANTING PLAN & SOILING PLAN (GF)
23	60102100/S4/9506Z	PUMPING STATION NPS – TREE PLANTING PLAN & SOILING PLAN (ROOF)
24	60102100/S4/9507Z	PUMPING STATION NPS – SHRUB PLANTING PLAN (GF)
25	60102100/S4/9508Z	PUMPING STATION NPS – SHRUB PLANTING PLAN (ROOF)

AECOM

Kai Tak Development Site Office

Former North Apron Area, Kai Tak Airport

By E Mail

7th May 2020

Attn: Mr. Mickey Lee

Dear Mr. Lee,

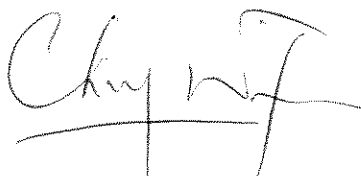
Environmental Permit (No. EP-344/2009)**Contract No. KL/2012/03****Kai Tak Development – Stage 4 Infrastructure at Former North Apron Area****Certification of As-Built Drawings for Sewage Pumping Stations PS2 and PS NPS**

We refer to your email dated 17th March 2020 enclosing the As-Built Drawings for Sewage Pumping Stations PS2 and PS NPS and your subsequent self-explanatory via email on 6th May 2020.

Please note that we have no further comment on the drawing and hereby certify it in accordance with Condition 2.12 of EP-344/2009.

Should you have any queries, please contact our Mr. Kenneth Leung at 2153 2125 or the undersigned at 2151 2089.

Yours sincerely,
Wellab Ltd.



Dr. Priscilla Choy
Environmental Team Leader

Encl.

c.c. ANewR
 Kwan On

Mr. Adi Lee
Mr. P.H. Ho

By email: aymlee@anewr.com
By email: phho@kwanon.hk

**A14138**

RECEIVED

08 MAY 2020

Civil Engineering and Development Department
East Development Office
8/F, South Tower, West Kowloon Governments Offices
11 Hoi Ting Road
Yau Ma Tei
Kowloon

Your reference:

●ur reference: HKCEDD11/50/106503

Date: 8 May 2020

Attention: Mr C S Lau**BY POST**

Dear Sirs

Agreement No.: EDO 08/2018
Independent Environmental Checker for "Contract No. KL/2012/03
Kai Tak Development – Stage 4 Infrastructure at Former North Apron Area"
Verification of the As-Built Drawings for Sewage Pumping Stations PS2 and PS NPS

We refer to emails of 17 March and 6 May 2020 attaching the As-Built Drawings for Sewage Pumping Stations PS2 and PS NPS.

We have no comment and hereby verify the Drawing in accordance with Clause 2.12 of the Environmental Permit no. EP-344/2009.

Please do not hesitate to contact the undersigned or our Ms Katherine Chu on 2618 2831 should you have any queries.

Yours faithfully
ANewR CONSULTING LIMITED

Adri Lee
Independent Environmental Checker

LYMA/CWKK/lhmh

ROAD L6 & ROAD D2 - TREE PLANTING SCHEDULE

ABBREVIATION	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Height x Spread)mm	REMARK	QTY
TREE						
BIS.JAV.	BISCHOFIA JAVANICA	秋楓	As Shown	HEAVY STANDARD	BALL & BURLAP	176
XAN.CHR.	XANTHOSTEMON CHRYSANTHUS	金錦繡	As Shown	STANDARD	BALL & BURLAP	49

ROAD L6 & ROAD D2 - SHRUB PLANTING SCHEDULE

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Height x Spread)mm	REMARK	QTY
SHRUB						
DUR.REP.	DURANTA REPENS 'GOLDEN LEAVES'	金邊珊瑚	300	300 x 300	CONTAINER GROWN	19466
IXO.CHI.	IXORA CHINENSIS	珊瑚花	350	600 x 350	CONTAINER GROWN	3245
DIE.BIC.	DIETES BICOLOR	野牡丹	250	700 x 250	CONTAINER GROWN	37014
SYZ.CAM.	SYZYGIUM CAMPANULATUM	新加坡紅桐	500	800 x 400	CONTAINER GROWN	13256
PHY.MYR.	PHYLLANTHUS MYRTIFOLIUS	銀葉下珠	200	200 x 300	CONTAINER GROWN	23427
DUR.ERE. MAR.	DURANTA ERECTA MARGINATA	黃洋槐	300	400 x 300	CONTAINER GROWN	9399
GROUND COVER						
ZEP.CAN.	ZEPHYRANTHES CANDIDA	鳳凰花	150	200 x 200	CONTAINER GROWN	72377

PEDESTRIAN STREETS - TREE PLANTING SCHEDULE

ABBREVIATION	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Height x Spread)mm	REMARK	QTY
TREE						
CIN.BUR.	CINNAMOMUM BURMANII	陰香	As Shown	STANDARD	BALL & BURLAP	101

PEDESTRIAN STREETS - SHRUB PLANTING SCHEDULE

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Height x Spread)mm	REMARK	QTY
SHRUB						
ALP.ZER.VAR.	ALPINIA ZERUMBET 'VARIEGATA'	花葉山薑	400	600 x 500	CONTAINER GROWN	290
ZEP.CAN.	ZEPHYRANTHES CANDIDA	鳳凰花	150	200 x 200	CONTAINER GROWN	8600
GAL.GLA.	GALPHIMIA GLAUCA	金芙蓉	300	500 x 300	CONTAINER GROWN	538
HED.COR.	HEDYCHIUM CORONARIUM	蓮花	300	500 x 300	CONTAINER GROWN	582
NEO.LON.	NEOMARICA LONGIFOLIA	黃花巴西鳳尾	250	600 x 250	CONTAINER GROWN	1080
OSM.L.IN.	OSMOXYLON LINEARE	五爪木	500	600 x 500	AT LEAST 3 SHOOTS, CONTAINER GROWN	174
RHA.IND.	RHAPHIOLEPIS INDICA	石斑木	500	700 x 400	CONTAINER GROWN	86
RHO.TOM.	RHOODEMYRTUS TOMENTOSA	桃金娘	500	700 x 400	CONTAINER GROWN	81
STR.REG.	STRELITZIA REGINAE	鐵樹蘭	400	700 x 500	AT LEAST 3 SHOOTS, CONTAINER GROWN	125
CAE.PUL.	CAESALPINIA PULCHERRIMA	洋金鳳	AS SHOWN	1500 x 1200	CONTAINER GROWN, ATTRACTIVE FORM	4
HEL.PSI.	HELICONIA PSITTACORUM 'GOLDEN TORCH	金火炬	AS SHOWN	600 x 300	CONTAINER GROWN, ATTRACTIVE FORM	108
JAT.INT.	JATROPHA INTEGERRIMA	全緣葉珊瑚	AS SHOWN	1800 x 1500	SINGLE STEM, ATTRACTIVE FORM, CONTAINER GROWN	9
MIC.FIG.	MICHELIA FIGO	含笑	AS SHOWN	1500 x 1200	ATTRACTIVE FORM, CONTAINER GROWN	6
PHI.SEL.	PHILODENDRON SELLOUM	春羽	AS SHOWN	1000 x 1000	CONTAINER GROWN, MIN. 300MM CLEAR STEM HEIGHT	12
STR.NIC.	STRELITZIA NICOLAI	大鐵樹蘭	AS SHOWN	2000 x 1000	CONTAINER GROWN, ATTRACTIVE FORM	11
TAB.DIV.	TABERNAEMONTANA DIVARICATA	狗牙花	AS SHOWN	1500 x 1200	CONTAINER GROWN, ATTRACTIVE FORM	7
TIB.HET.	TIBOUCHINA HETEROMALLA	珊瑚牡丹	AS SHOWN	1000 x 1000	CONTAINER GROWN, ATTRACTIVE FORM	6
GROUND COVER						
ACA.REP.	ACALYPHA REPTANS	紅毛蕁	150	150 x 150	CONTAINER GROWN	10142
NEO.GRA.	NEOMARICA GRACILIS	巴西鳳尾	200	400 x 200	CONTAINER GROWN	5710
OPH.JAB.	OPHIPOGON JABURAN	花葉油蔴草	200	200 x 200	CONTAINER GROWN	5868
PHI.XAN.	PHILODENDRON 'XANADU'	佛手樹	250	300 x 300	CONTAINER GROWN	2307
TRA.SPA.	TRADESCANTIA SPATHACEA CV. 'COMPACTA'	矮紫花	150	150 x 150	CONTAINER GROWN	8713

ROAD L19 - TREE PLANTING SCHEDULE

ABBREVIATION	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Height x Spread)mm	REMARK	QTY
TREE						
XAN.CHR.	XANTHOSTEMON CHRYSANTHUS	金錦繡	As Shown	6000 x 3500mm	HEAVY STANDARD, BALL & BURLAP. MIN. 2500mm TRUNK CLEARANCE	44

ROAD L19 - SHRUB PLANTING SCHEDULE

ABBREVIATION	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Height x Spread)mm	REMARK	QTY
SHRUB						
CRI.ASI.	CRINUM ASIATICUM VAR.SINICUM	文殊蘭	700	600 x 800	CONTAINER GROWN	1455
DUR.REP.	DURANTA REPENS 'GOLDEN LEAVES'	金邊珊瑚	200	450 x 200	CONTAINER GROWN	3879
PHY. MYR.	PHYLLANTHUS MYRTIFOLIUS	銀葉下珠	200	200 x 300	CONTAINER GROWN	8122

PS2 - TREE PLANTING SCHEDULE

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Ht. x Sp. mm)	REMARK	QTY
TREE						
BIS.JAV.	BISCHOFIA JAVANICA	秋楓	As Shown	Heavy St.	BALL & BURLAP	6
CIN.BUR.	CINNAMOMUM BURMANII	陰香	As Shown	STANDARD	BALL & BURLAP	13
GAR.SUB.	GARCINIA SUBELLIPTICA	檳木	As Shown	STANDARD	BALL & BURLAP	11
XAN.CHR.	XANTHOSTEMON CHRYSANTHUS	金錦繡	As Shown	STANDARD	BALL & BURLAP	7

PS2 - GROUND FLOOR

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE(Ht. x Sp. mm)	REMARK	QTY
SHRUB						
CAE.PUL.	CAESALPINIA PULCHERRIMA	洋金鳳	700	800 x 800	POTTED	357
GAR.JAS.	GARDENIA JASMINOIDES	梔子	700	800 x 800	POTTED	256
HIB.ROS.	HIBISCUS ROSA-SINENSIS	芙蓉	700	800 x 800	POTTED	357
MEL.CAN	MELASTOMA CANDIDUM	野牡丹	700	800 x 800	POTTED	357
GROUND COVER						
LIR.SPI.	LIRIOPE SPICATA	山蘭冬	200	200 x 200	POTTED	1333
NEO.GRA.	NEOMARICA GRACILIS	巴西鳳尾	200	400 x 200	POTTED	7638
PEN.ALO.	PENNISETUM ALOPECUROIDES	狼尾草	300	450 x 300	POTTED	2589
TRA.SPA.	TRADESCANTIA SPATHACEA CV. 'COMPACTA'	矮紫花	150	150 x 150	POTTED	1991

PS2 - ROOF

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE(Ht. x Sp. mm)	REMARK	QTY
SHRUB						
CRI.ASI.	CRINUM ASIATICUM VAR.SINICUM	文殊蘭	700	600 x 800	POTTED	88
GROUND COVER						
ALT.BET.	ALTERNANTHERA BETTZICKIANA	紫羅蘭	150	100 x 100	POTTED	1860
ALT.DEN.	ALTERNANTHERA DENTATA	紅羅蘭	200	200 x 150	POTTED	627
ARA.DUR.	ARACHIS DURANENSIS	黃花生	200	100 x 150	POTTED	3863
DUR.REP.	DURANTA REPENS 'GOLDEN LEAVES'	金邊珊瑚	200	300 x 200	POTTED	881
LAN.MON.	LANTANA MONTEVIDENSIS	藍地黃金鳳	250	150 x 300	POTTED	999
VIN.MAJ.	VINCA MAJOR	花葉蔓長春	300	300 x 300	POTTED	2163

NPS - TREE PLANTING SCHEDULE

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE (Ht. x Sp. mm)	REMARK	QTY
TREE						
BIS.JAV.	BISCHOFIA JAVANICA	秋楓	As Shown	Heavy St.	BALL & BURLAP	3
GAR.SUB.	GARCINIA SUBELLIPTICA	檳木	As Shown	STANDARD	BALL & BURLAP	7
XAN.CHR.	XANTHOSTEMON CHRYSANTHUS	金錦繡	As Shown	6000 x 3500mm	BALL & BURLAP	14

NPS - GROUND FLOOR

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE(Ht. x Sp. mm)	REMARK	QTY
SHRUB						
LIR.SPI.	LIRIOPE SPICATA	花葉蘭草	200	200 x 200	POTTED	480
GAR.JAS.	GARDENIA JASMINOIDES	梔子	500	800 x 800	POTTED	491
HED.COR.	HEDYCHIUM CORONARIUM	蓮花	300	500 x 300	POTTED	1080
DUR.REP.	DURANTA REPENS 'GOLDEN LEAVES'	金邊珊瑚	200	300 x 200	POTTED	2884
GROUND COVER						
OPH.JAB.	OPHIPOGON JABURAN	花葉油蔴草	200	200 x 200	POTTED	758
NEO.GRA.	NEOMARICA GRACILIS	巴西鳳尾	200	400 x 200	POTTED	1288
PHI.XAN.	PHILODENDRON 'XANADU'	佛手樹	250	300 x 300	POTTED	961
CLIMBER						
PAR.HIN.	PARTHENOCISSUS HIMALAYANA	鳳凰樹	3000	750mm Length	MIN. 5 SHOOTS PER PLANT, POTTED	15
PYR.VEN.	PYROSTEGIA VENUSTA	炮仗花	1000	1000mm Length	MIN. 4 SHOOTS PER PLANT, POTTED	142

NPS - ROOF

ABB	SCIENTIFIC NAME	CHINESE NAME	SPACING (mm)	SIZE(Ht. x Sp. mm)	REMARK	QTY
SHRUB						
DIA.ENS.	DIANELLA ENSIFOLIA	山蘭蘭	250	300 x 300	POTTED	1959
VIN.MAJ.	VINCA MAJOR	花葉蔓長春	300	300 x 300	POTTED	2525
GROUND COVER						
ACA.REP.	ACALYPHA REPTANS	紅毛蕁	150	150 x 150	CONTAINER GROWN	5078
ARA.DUR.	ARACHIS DURANENSIS	黃花生	100	100 x 150	POTTED	24011
OPH.JAB.	OPHIPOGON JABURAN	花葉油蔴草	200	200 x 200	CONTAINER GROWN	7447

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	SEP.19
C	WORKING DRAWING	DYHP	SCWC	OCT.13
B	TENDER ADDENDUM NO.3	DYHP	SCWC	APR.13
A	TENDER ADDENDUM NO.1	DYHP	SCWC	MAR.13
-	TENDER DRAWING	DYHP	SCWC	MAR.13



KAI TAK DEVELOPMENT

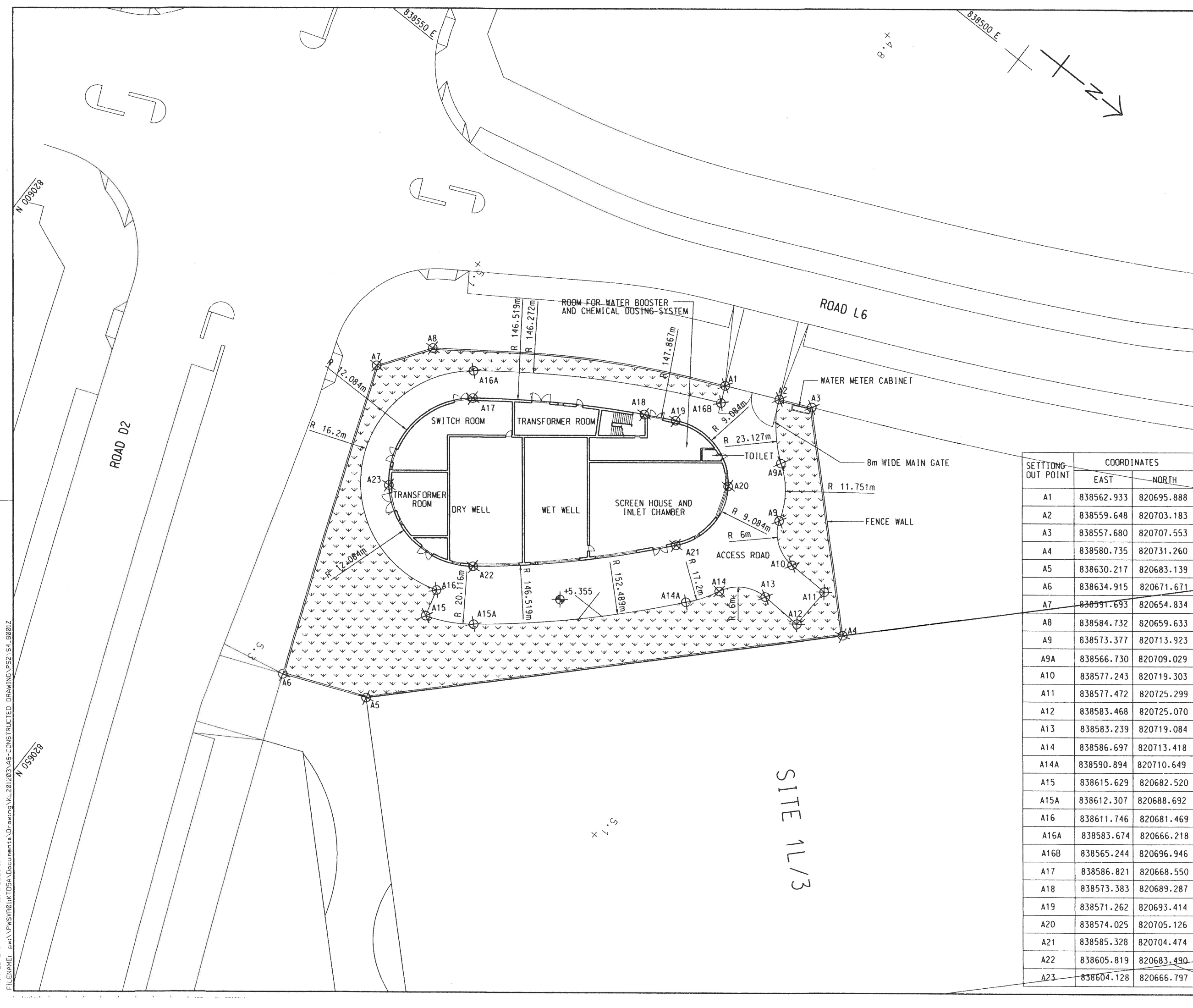
KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PLANTING SCHEDULE



DRGNO. 60102100/S4/7202Z
圖紙編號

DESIGNED BY 設計	CONTRACT NO. 合約編號 KL/2012/03	P. DR. APPROVED 批准人 DML
DRAWN BY 繪圖 AC	STATUS 狀態 AS-CONSTRUCTED DRAWING	
SCALE 比例 NA	DIMENSIONS ARE IN 尺寸單位	
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LOCATION PLAN
SCALE A1 1 : 5000
A3 1 : 10000

NOTES:

- ALL LEVELS WERE IN METRES & REFER TO PRINCIPAL DATUM (mPD).
- ALL DIMENSIONS WERE IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL CO-ORDINATES WERE IN ACCORDANCE WITH HONG KONG (1980) GEOTECTIC DATUM.
- CONCRETE STRUCTURES BELOW GROUND FLOOR LIKE INLET CHAMBER, SCREEN CHANNEL AND WET WELLS WERE DEFINED AS WATER RETAINING STRUCTURES AND THEREFORE WERE CONSTRUCTED & TESTED IN ACCORDANCE WITH SECTION 23 & RELEVANT SECTIONS OF THE GENERAL SPECIFICATION. THE TOP WATER LEVEL USED IN THE WATERTIGHTNESS TESTS FOR THESE STRUCTURES WAS +3.8mPD.
- THRUST BLOCKS AT BENDS OF RISING MAINS WERE NOT SHOWN FOR CLARITY.
- ALL INTERNAL SURFACES OF INLET CHAMBER, SCREEN CHANNEL AND WET WELL AREA LINED WITH PVC PROTECTION LINING.

LEGEND:

⊗

SETTING OUT POINT

— RM —

RISING MAIN

⊗

STORM DRAIN AND MANHOLE

▽

LAWN

⊕

FINISHED LEVEL/
SLAB FLOOR SPOT LEVEL

SETTING OUT POINT	COORDINATES	
	EAST	NORTH
A1	838562.933	820695.888
A2	838559.648	820703.183
A3	838557.680	820707.553
A4	838580.735	820731.260
A5	838630.217	820683.139
A6	838634.915	820671.671
A7	838591.693	820654.834
A8	838584.732	820659.633
A9	838573.377	820713.923
A9A	838566.730	820709.029
A10	838577.243	820719.303
A11	838577.472	820725.299
A12	838583.468	820725.070
A13	838583.239	820719.084
A14	838586.697	820713.418
A14A	838590.894	820710.649
A15	838615.629	820682.520
A15A	838612.307	820688.692
A16	838611.746	820681.469
A16A	838583.674	820666.218
A16B	838565.244	820696.946
A17	838586.821	820668.550
A18	838573.383	820689.287
A19	838571.262	820693.414
A20	838574.025	820705.126
A21	838585.328	820704.474
A22	838605.819	820683.490
A23	838604.128	820666.797

Z

AS-CONSTRUCTED DRAWING

WKL

HKT

JAN.20

B

WORKING DRAWING

DYHP/SCWC

OCT.13

A

TENDER ADDENDUM NO.1

DYHP/SCWC

MAR.13

-

TENDER DRAWING

DYHP/SCWC

MAR.13

REV.

DESCRIPTION

內務部

DATE

日期

CEDD

土木工程拓展署

Civil Engineering and Development Department

KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PUMPING STATION PS2 -
LAYOUT PLAN

AECOM

DRG.NO.

60102100/S4/8001Z

DESIGNED BY

VCY

CONTRACT NO.

KL/2012/03

P. DIR. APPROVED

DML

DRAWN BY

CXH

STATUS

AS-CONSTRUCTED DRAWING

SCALE

A1 1 : 250
A3 1 : 500

DIMENSIONS ARE IN
METRES

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PRINTED BY: TOC2 15/1/2020 3:40:17 PM
FILENAME: E:\N\PS\PS2\KTD5A\Documents\Drawing\KL201203\AS-CONSTRUCTED DRAWING\PS2-S4-8001Z

PRINTED BY: TOL2 12/2/2020 12:54:47 AM
FILE NAME: P:\PWP\2020\K105A\Documents\Drawing\KL2012\KL2012-05-CONSTRUCTED DRAWING\PS2-S4-84002

GENERAL NOTES:

- THIS SERIES OF DRAWINGS IS INTENDED TO COVER THE FOLLOWING ASPECTS ONLY:
 - EXTERNAL ARCHITECTURAL FINISH/INSTALLATION ON WALL, FLOOR & ROOF
 - DOOR/ LOUVER ERECTED ON THE LEVELS ABOVE GROUND.
- THIS SERIES OF DRAWINGS WAS READ IN CONJUNCTION WITH DRAWINGS SERIES FOR CIVIL WORKS, STRUCTURAL WORKS, LANDSCAPE WORKS, AND E&M WORKS.
- ALL GRANITE FLOOR FINISHES, IF ANY, WERE 20MM THICK UNLESS OTHERWISE SPECIFIED; ALL WALL-MOUNTED GRANITE WERE 20MM THICK UNLESS OTHERWISE SPECIFIED. ALL MORTAR FOR STONE WORK INSTALLATION WERE WHITE C/S TYPE.
- ALL GRANITE, IF ANY, WAS TREATED WITH AKEMI STONE IMPREGNATION OR EQUIVALENT FOR ALL 6 SIDES BEFORE INSTALLATION.
- ALL OUTDOOR FLOORING WITH HANDED FINISHES COMPLIED WITH SLIP RESISTANCE COATING.
- ALL WALL FINISHES WERE LAID UP TO TRUE CEILING AND COVER ANY BEAM SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL C/S RENDERING WAS ALLOW ADHESIVE ADMIXTURE OF APPROVAL BRAND TYPE FOR LAYING OF HOMOGENEOUS TILE / STONE WORK TO WALL & FLOOR
- ALL GRANITE AND MARBLE, WAS FINISHED WITH WATERPROOF SEALER.
- ALL SPRAY PAINT SPECIFIED ON THE DRAWINGS HAVE MATERIAL WARRANTY PERIOD OF PERFORMANCE OF QUALITY INCLUDING BUT NOT LIMITED TO PEELING OFF, AND PARTIAL DISCOLORATION.
- ALL METAL WORKS ALLOW EARTH ROD AND FIXING ARRESSORIES TO BE CONNECTED TO RESISTANCE TO CRACKING, PEELING OFF, DECOLORATION AND DETERIORATION.
- DESIGN FOR ALL STRUCTURAL CONCERNED PORTIONS E.G. A/C HOODS, ALUMINIUM FEATURE FINS, SIGNAGE, CANOPY SUPPORTING OF OUTDOOR TYPHOON PROOF CEILING, OUTDOOR GRANITE/TERRACOTTA CLADDING, ETC., WAS CARRIED OUT AND SUBMITTED BY THE CONTRACTOR.
- NO GLASS WAS LESS THAN 8MM THICK. EXCEPT OTHERWISE SPECIFIED.
- GLASS THICKNESS WAS ADEQUATE TO WITHSTAND LOADING (INCLUDING WIND LOADING & IMPACT LOADING) AS ACCORDING TO SPECIFICATION TO SUBSTANTIATE BY CALCULATION AND IN ALL WAYS SUITABLE FOR THE SKYLIGHT AND WINDOW SYSTEM. AND TO COMPLY WITH THE GOVERNMENT CONSTRUCTION REGULATION, THE DESIGN OF SKYLIGHT, WINDOW & LOUVER COMPLIED WITH PNAP APP-37 (PREVIOUS REFERENCE 106) & APP-116 (PREVIOUS REFERENCE 248) LATEST EDITION.
- ALL WINDOW FRAMES & LOUVERS WERE STAINLESS STEEL UNLESS WHERE SPECIFIED.
- ALL GLASS WAS GRAY TINTED GLASS FOR ALL WINDOWS EXCEPT OTHERWISE STATED. COLOR, (FLOAT GLASS, SHEET GLASS, OBSCURED SHEET GLASS, LAMINATED SAFETY & TEMPERED GLASS, STAINED GLASS, REFLECTED GLASS).
- ALL WINDOW AT TOILET WAS PROVIDED WITH OBSCURED GLASS.
- ALUMINIUM WEATHER PROOFING LOUVERS (W.P.L.) CONSISTS OF 50MM FRAME & DOUBLE LOUVRE FOR WATERPROOFING PURPOSE.
- WATERPROOF CEMENT/SAND GROUTING, EXTERNAL SEALANT TO ALL FRAME AND CEMENTITOUS WATERPROOFING COATING AT EXTERNAL AROUND WINDOW FRAME WAS INSTALLED.
- COLOR OF SEALANT MATCHED WITH WINDOW FRAME AND/OR GLAZING PANES AS APPROVED BY THE ENGINEER.
- IRONMONGERY WAS PROPERLY POSITIONED TO ALLOW EASE OF OPERATION.
- ALL FIRE DAMPERS FOR LOUVRE WERE PROVIDED BY THE CONTRACTOR.
- ALL METAL CLADDINGS WERE IN 3MM THICK ALUMINIUM PANEL UNLESS OTHERWISE STATED.
- METAL AND GLASS PACKAGE INCLUDES THE DESIGN AND INSTALLATION OF ALL NECESSARY SUPPORTING FRAMES/STEEL STRUCTURE FOR WINDOWS/GLAZING/ARCHITECTURAL FEATURE/FINS/LOUVERS/CLADDINGS AND PANELS ETC. AS DRAWN AND OTHER ASSOCIATED.
- METAL AND GLASS PACKAGE INCLUDES ALL INTERFACE DETAILS WITH INTERIOR FIT-OUT WORKS AND EXTERIOR FIT-OUT WORKS AND INCLUDE THE SEALANT AND GROUTING WORKS WITH ADJOINING FINISHES/STRUCTURE.
- ALL FIXING BRACKETS, EMBEDS, BOLTS, NUTS, SCREWS ETC. WERE IN STAINLESS STEEL UNLESS OTHERWISE STATED.
- THICKNESS OF GLASS MEETS WITH THE DESIGN CRITERIA OF BUILDING ORDINANCE, REGULATIONS, CODE OF PRACTICE, BUILDING DEPARTMENT'S WIND PRESSURE OR SUCTION REQUIREMENT, BUT IN ANY CASE SHALL NOT BE LESS THAN 8MM.
- ALL ROOF FEATURE CLADDING WAS DESIGNED TO ALLOW A LATERAL MOVEMENT BY 1/125 SPAN MEASURED FROM THE MAIN ROOF OR 20MM WHICHEVER THE LESSER.
- ALL SKYLIGHT WAS STRUCTURAL GLASS SYSTEM WITH ETCHING FINISH.
- ALL SITE WELD CONNECTION WAS APPLIED WITH ONE LAYER OF EPOXY ZINC RICE PRIMER BEFORE APPLICATION OF PAINT SYSTEM.
- ALL STRUCTURAL STEEL, STEEL AND METAL WORKS WERE HOT DIPPED GALVANIZED UNLESS OTHERWISE SPECIFIED AND WERE APPLIED WITH PAINT SYSTEM IN ACCORDANCE TO BE 5493:1977 (ONE COAT OF EPOXY ALLOY PRIMER AND TWO COAT OF POLYURETHANE COATING AS TOP COAT)
- ALL BLAST CLEAN STEEL WAS APPLIED WITH PAINT SYSTEM IN ACCORDANCE WITH BS 5493:1977 (ONE COAT OF EPOXY ZINC PHOSPHATE PRIMER, ONE COAT OF EPOXY MID PRIMER AS UNDERCOAT AND TWO COAT OF POLYURETHANE COATING AS TOP COAT.
- FOR INTERNAL FINISHES AND DOORS OF TRANSFORMER ROOM REFERRED TO CLP CODE OF PRACTICE UNLESS OTHERWISE SPECIFIED.
- ALL PLASTERING AND RENDERING WERE 15MM THICK UNLESS OTHERWISE STATED.
- ALL FLOOR FINISHES WERE 50MM THICK UNLESS OTHERWISE STATED.

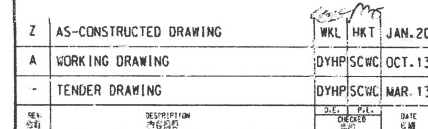
GENERAL LEGEND

A.F.F.L.	ABOVE FINISHED FLOOR LEVEL	H/L	HIGH LEVEL
A.H.U.	AIR HANDING UNIT	H/R	HOSE REEL
B.L.	BOUNDARY LINE	L/L	LOW LEVEL
C.D.	CABLE DUCT	LAV.	LAVATORY
CONT.	CONTINUOUS	M.L.	METAL LOUVRE
DN.	DOWN	MV/AL	MECHANICAL VENTILATION AND ARTIFICIAL LIGHTING
DIS.	DISABLED	P.D.	PIPE DUCT
E.M.R.	ELECTRIC METER ROOM	PRO.	PROVIDED
F.E.	FIRE EXTINGUISHER (4.5KG CO2)	R.C.C.	REINFORCED CONCRETE
F.H.	FIRE HYDRANT	REQ.	REQUIRED
F.C.G.W.	FIXED CLEAR GLASS WINDOW	S.S.L.	STRUCTURE SLAB LEVEL
F.W.G.L.	FIXED WIRED GLASS LOUVRE	W.M.R.	WATER METER ROOM
F.A.	FIRE ALARM	T.D.	TELEPHONE DUCT
F.F.L.	FINISHED FLOOR LEVEL		
S.F.L.	STRUCTURE FLOOR LEVEL		

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JAN. 20
B	WORKING DRAWING	DYHP	SCWC	OCT. 13
A	TENDER ADDENDUM NO.1	DYHP	SCWC	MAR. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13
REV 更改	DESCRIPTION 修改描述	DATE 日期	BY 由	CHECKED 校核

			土木工程拓展署 Civil Engineering and Development Department		
KAI TAK DEVELOPMENT					
KAJ TAK DEVELOPMENT - STAGE 4 INFRASTRUCTURE AT FORMER NORTH APRON AREA					
PUMPING STATION PS2 - GENERAL NOTES FOR ARCHITECTURAL WORKS					
					
DRG.NO. 60102100/S4/8400Z 圖紙編號					
DESIGNED BY 設計 KT		CONTRACT NO. 合約編號 KL/2012/03		P. No. APPROVED 批准人 DML	
DRAWN BY 繪圖 VC		STATUS 階段 AS-CONSTRUCTED DRAWING			
SCALE 比例 N.T.S.		DIMENSIONS ARE IN 尺寸單位 MILLIMETRES			
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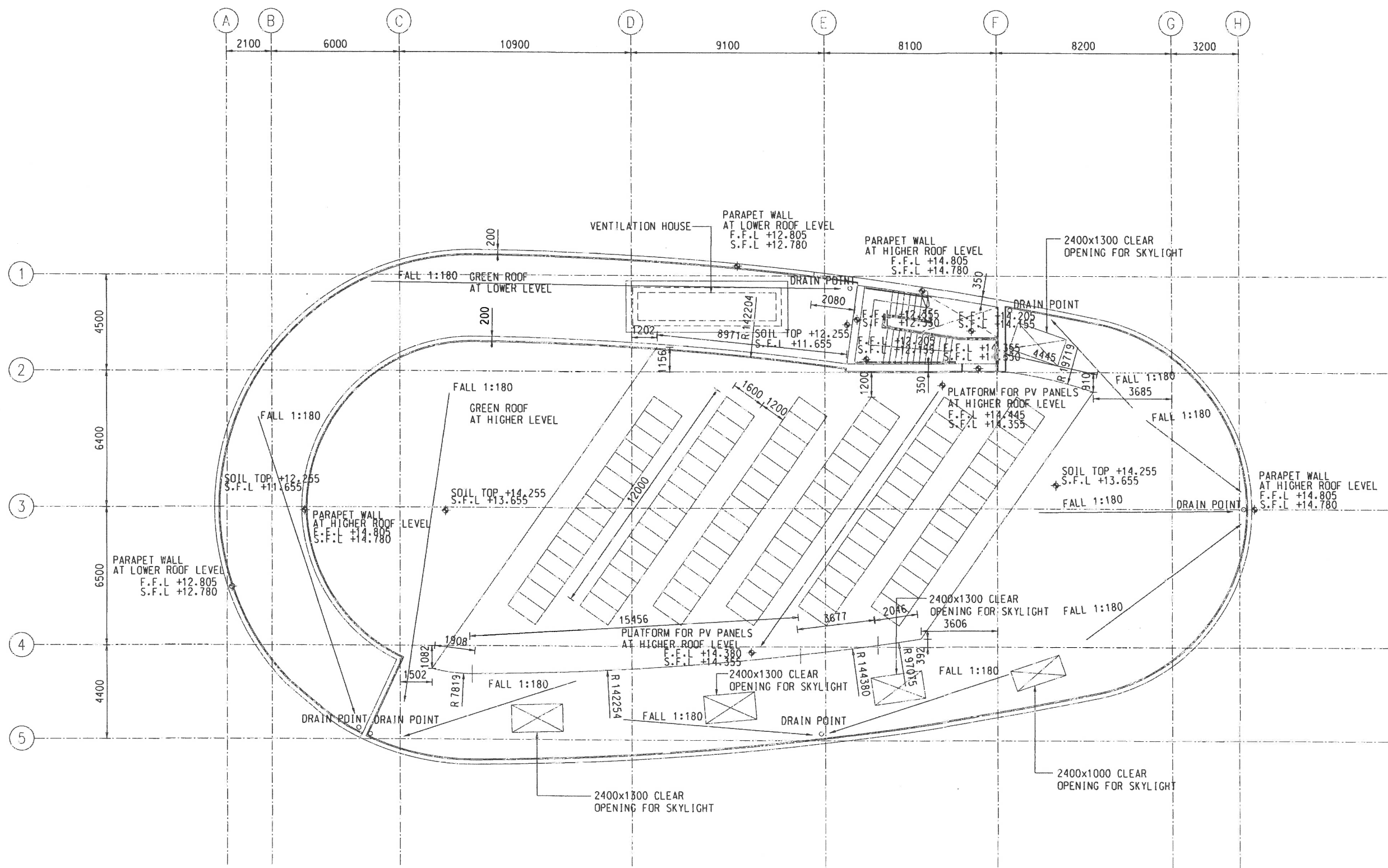
1. FOR NOTES AND LEGENDS, PLEASE REFER TO DRAWING NO. 60102100/S4/8400Z.
2. THE GRC CLADDING PANELS WERE OFFSET 100mm CLEARANCE FROM ALL OF THE OPENINGS.



DESIGNED BY 设计	CONTRACT NO. 合同编号	P. Dir. APPROVED 批准人
KT	KL/2012/03	JYL
DRAWN BY 制图	STATUS 状态	
VC		
SCALE 比例	AS-CONSTRUCTED DRAWING	
A1 1 : 150 A3 1 : 300		
DIMENSIONS ARE IN 尺寸单位	© COPYRIGHT RESERVED 版权所有	
MILLITIMES		

NOTES:

1. FOR NOTES AND LEGENDS, PLEASE REFER TO DRAWING NO. 60102100/S4/84002.
2. THE GRC CLADDING PANELS WERE OFFSET 100mm CLEARANCE FROM ALL OF THE OPENINGS.



Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JAN. 20
B	WORKING DRAWING	DYHP	SCWC	OCT. 13
A	TENDER ADDENDUM NO.1	DYHP	SCWC	MAR. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13



KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PUMPING STATION PS2
ROOF FLOOR PLAN



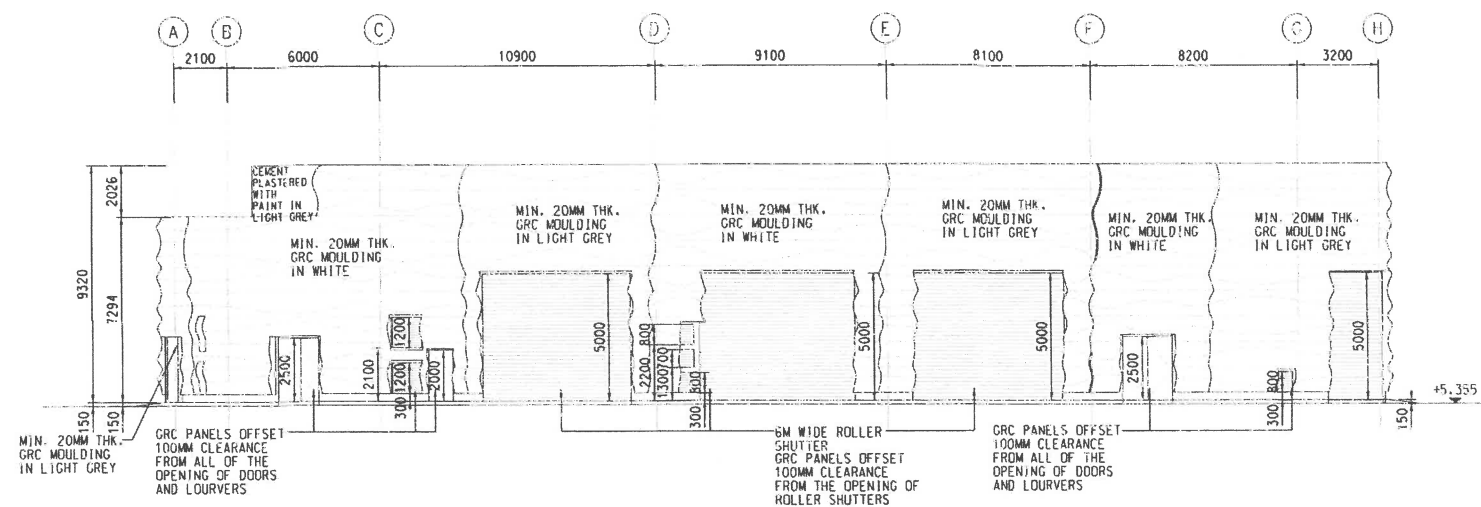
DRG.NO. 60102100/S4/8402Z

DESIGNED BY 設計	K.T.	CONTRACT NO. 合約編號	KL/2012/03	P. OF. APPROVED 批准人	D.M.
DRAWN BY 繪圖	VC	STATUS 狀態	AS-CONSTRUCTED DRAWING		
SCALE 比例	A1 1 : 150 A3 1 : 300				
DIMENSIONS ARE IN 尺寸單位	MILLIMETRES				

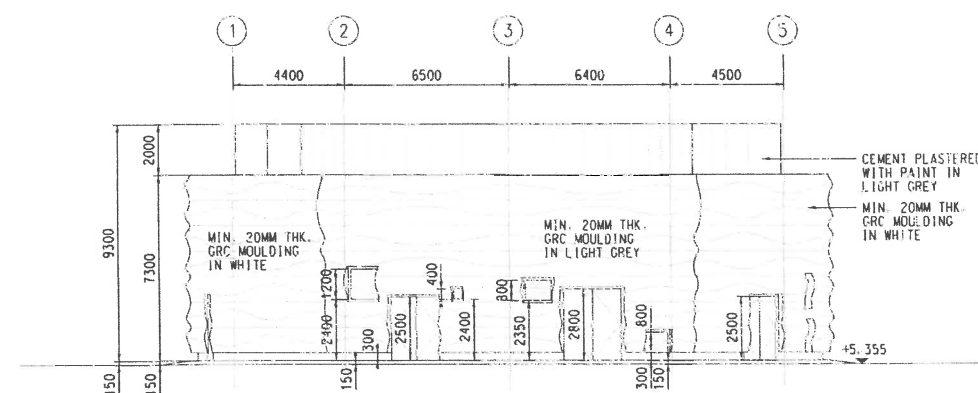
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NOTES:

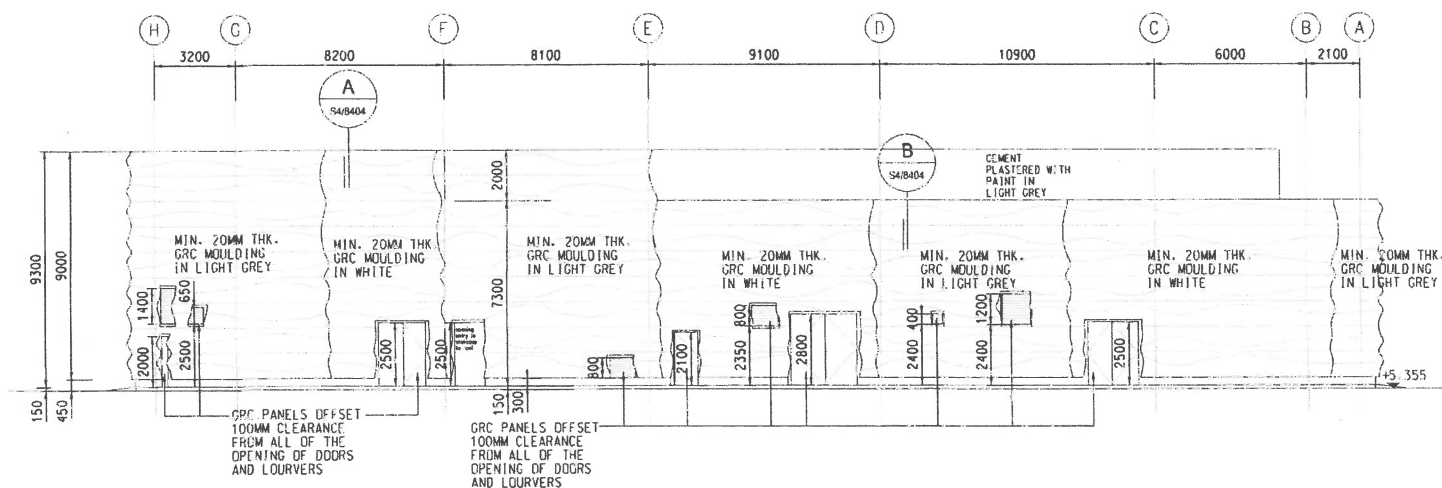
- FOR NOTES AND LEGENDS, PLEASE REFER TO DRAWING NO. 60102100/S4/84002.
- THE GRC CLADDING PANELS WERE OFFSET 100mm CLEARANCE FROM ALL OF THE OPENINGS.



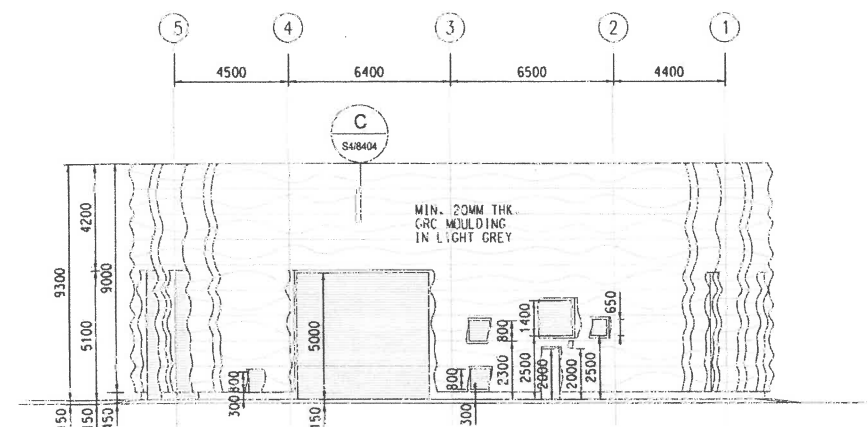
A ELEVATION 1
S4/8403 SCALE 1 : 150



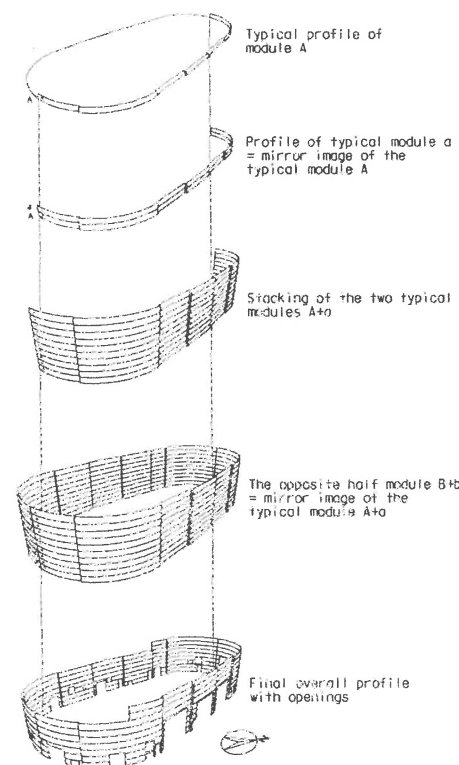
B ELEVATION 2
S4/8403 SCALE 1 : 150



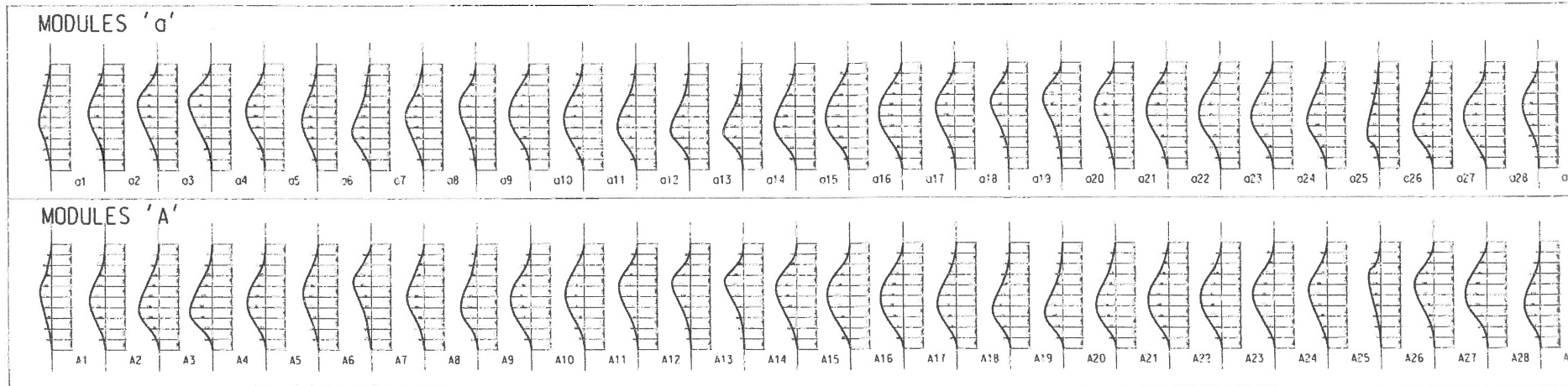
C ELEVATION 3
S4/8403 SCALE 1 : 150



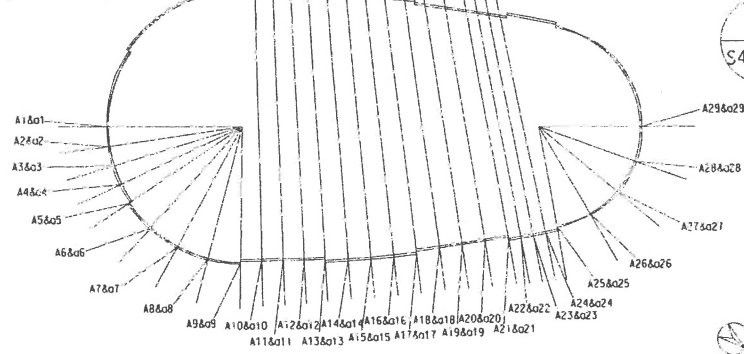
D ELEVATION 4
S4/8403 SCALE 1 : 150



E DESIGN INTENT OF THE GRC CLADDING MODULES
S4/8403 NOT TO SCALE



KEY PLAN



F SECTIONAL DIAGRAM TO SHOW THE SETTING OUT OF THE PROFILE OF THE TYPICAL GRC CLADDING MODULES
S4/8403 SCALE 1 : 30

*THE OVERALL PROFILE OF THE GRC CLADDING REFER TO 3D COMPUTER MODEL IN RHINO SOFTWARE

Z	AS-CONSTRUCTED DRAWING	PKL	HKT	JAN-20
A	TENDER ADDENDUM NO.1	DYHP	SCWC	OCT.13
-	TENDER DRAWING	DYHP	SCWC	MAR.13
REV.	DESCRIPTION	DATE	BY	CHECKED

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Civil Engineering and Development Department

KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

**PUMPING STATION PS2 -
ELEVATION 1,2,3,4**

AECOM

DRG.NO. 60102100/S4/8403Z

DESIGNED BY KT	CONTRACT NO. KL/2012/03	P. OFC. APPROVED DML
DRAWN BY VC	STATUS AS-CONSTRUCTED DRAWING	
SCALE A1 1 : 150 A3 1 : 300		
DIMENSIONS ARE IN MILLIMETRES		

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ROAD D2

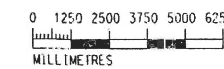
ROAD L6

EMERGENCY VEHICULAR
ACCESS LAYOUT SIGN

PA

PA

PA



1 : 125

NOTES:

1. FOR EMERGENCY VEHICULAR ACCESS LAYOUT SIGN, REFER TO DWG. NO. 60102100/S4/8506Z.
2. FOR SIGN PLATE DETAILS, REFER TO DWG. NO. 60102100/S4/8407Z.

LEGEND:

	SITE BOUNDARY OF PS2
	SKYLIGHT
	U-CHANNEL COVER TYPE 3
PT10	PAVING PATTERN 10
	PAVING PATTERN 11
PT16	PAVING PATTERN 16
C7	KERB TYPE 7
C9	KERB TYPE 9
C10	KERB TYPE 10
	TREE UPLIGHT
	FALL
	STRUCTURE FLOOR LEVEL
TOS +14.255	TOP OF SOIL
FFL +14.455	FINISHED FLOOR LEVEL
TOW +14.805	TOP OF WALL
PA	PLANTING AREA

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	OCT.19
C	WORKING DRAWING	DYHP	SCWC	OCT.13
B	TENDER ADDENDUM NO.3	DYHP	SCWC	APR.13
A	TENDER ADDENDUM NO.1	DYHP	SCWC	MAR.13
-	TENDER DRAWING	DYHP	SCWC	MAR.13

REV.	DESCRIPTION	DATE
01	ISSUED FOR TENDER	17/11/2020

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Civil Engineering and Development Department

KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

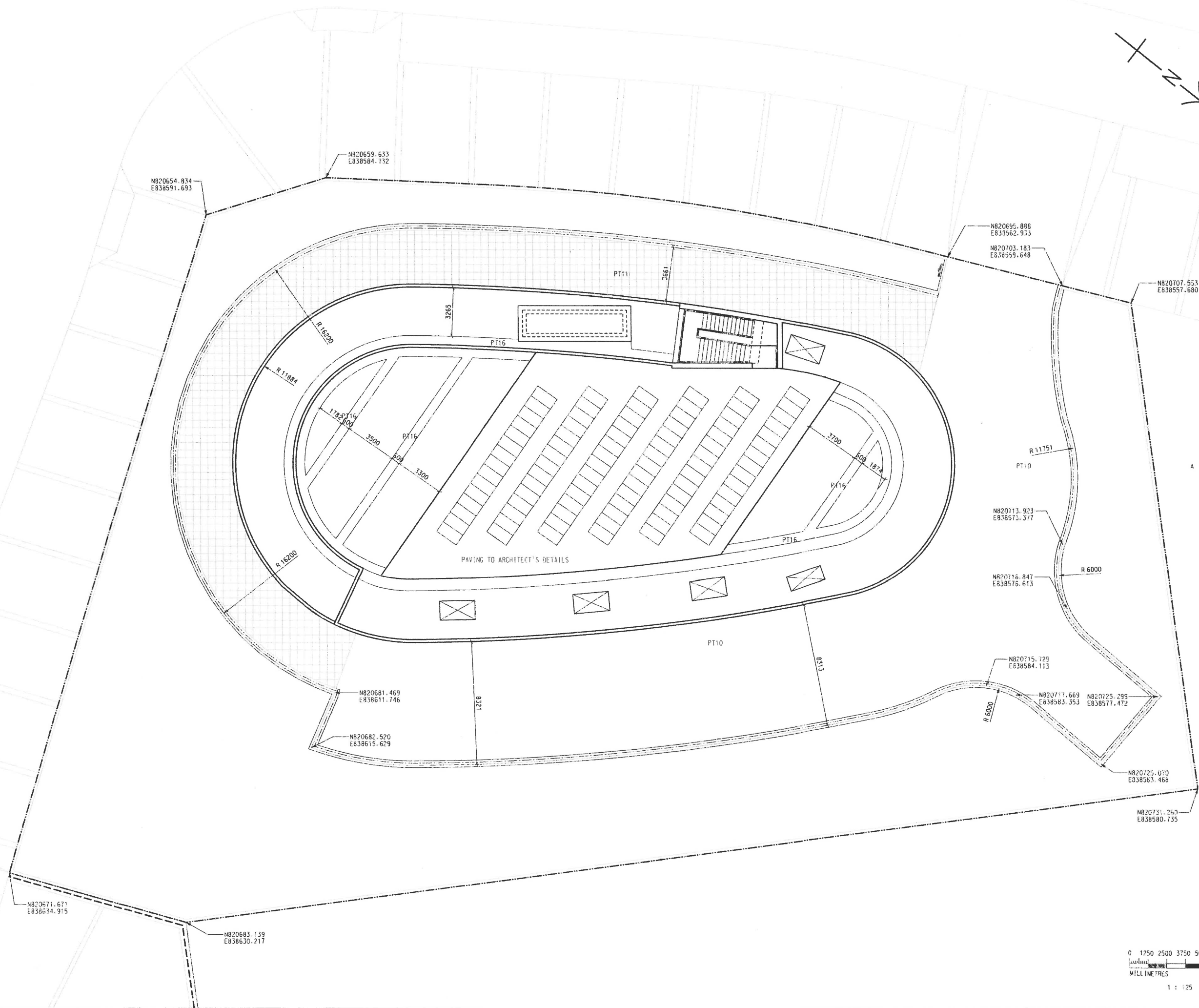
**PUMPING STATION PS2 -
LANDSCAPE GENERAL
ARRANGEMENT PLAN
(GF & ROOF)**

AECOM

DRGNO 60102100/S4/8501Z

DESIGNED BY SE	CONTRACT NO. KL/2012/03	P. BY: APPROVED DML
DRAWN BY AC	STATUS AS-CONSTRUCTED DRAWING	
SCALE: A1 1 : 125 A3 1 : 250		
DIMENSIONS ARE IN MILLIMETRES		

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Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JAN. 20
C	WORKING DRAWING	DYHP	SCWC	OCT. 13
B	TENDER ADDENDUM NO.3	DYHP	SCWC	APR. 13
A	TENDER ADDENDUM NO. 1	DYHP	SCWC	MAR. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13
REV. DATE	REVISION DATE	BY	DATE	



KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT --
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

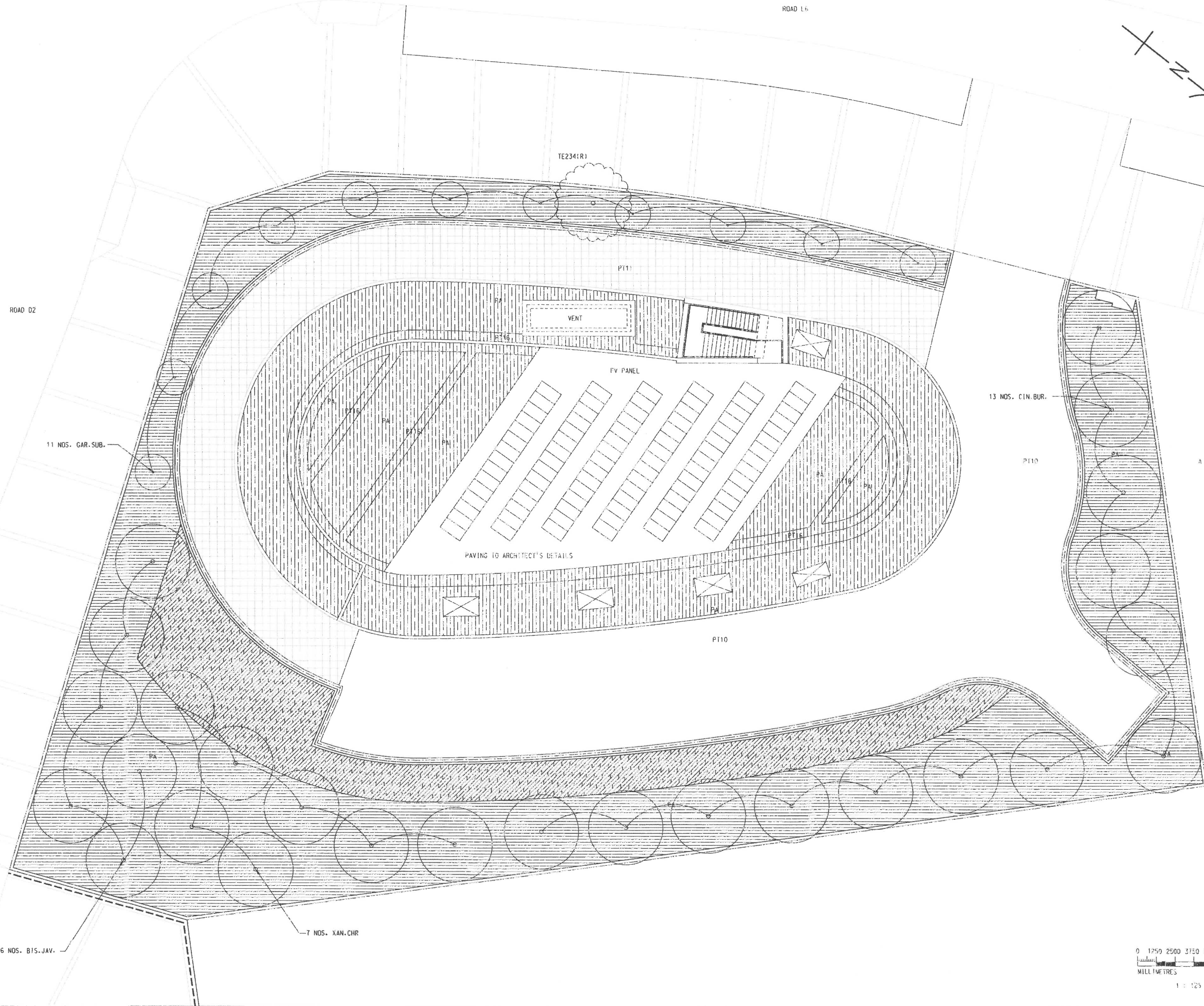
PUMPING STATION PS2 -
SETTING OUT PLAN



DRG.NO. 60102100/S4/8502Z
圖紙編號

DESIGNED BY 設計	CONTRACT NO. 合約編號	P. DIR. APPROVED 批准人
	KL/2012/03	DML
DRAWN BY 繪圖	STATUS 狀態	AS-CONSTRUCTED DRAWING
AC		
SCALE A1 1 : 125 A3 1 : 250		
DIMENSIONS ARE IN 尺寸單位	MILLIMETRES	
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FILENAME: p:\PNS\0101\0101\Documents\Drawing\KL2020345-CONSTRUCTED DRAWING\PS2 S4-85037.dgn



NOTES:

1. REFER PROPER PLANTING PRACTICE 'SELECT AND PLANT GOOD SPECIMENS' AND 'STAKING AND GUYING TREES' ISSUED BY DEVB.

LEGEND:

	SITE BOUNDARY OF PS2
	SKYLIGHT
	PA
	PLANTING AREA
	PROPOSED TREE
	RETAINED TREE
	MIN. 1200mm SOIL DEPTH EXCLUSION OF DRAINAGE LAYER
	MIN. 600mm SOIL DEPTH EXCLUSION OF DRAINAGE LAYER
	MIN. 350mm TOP SOIL (LIGHT WEIGHT)

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JAN. 20
C	WORKING DRAWING	DYHP	SCWC	OCT. 13
B	TENDER ADDENDUM NO. 3	DYHP	SCWC	APR. 13
A	TENDER ADDENDUM NO. 1	DYHP	SCWC	MAR. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13

REVISION	DESCRIPTION	DATE
REV. 01	INITIALS	DATE

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Civil Engineering and Development Department

KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PUMPING STATION PS2 - TREE PLANTING PLAN & SOILING PLAN

AECOM

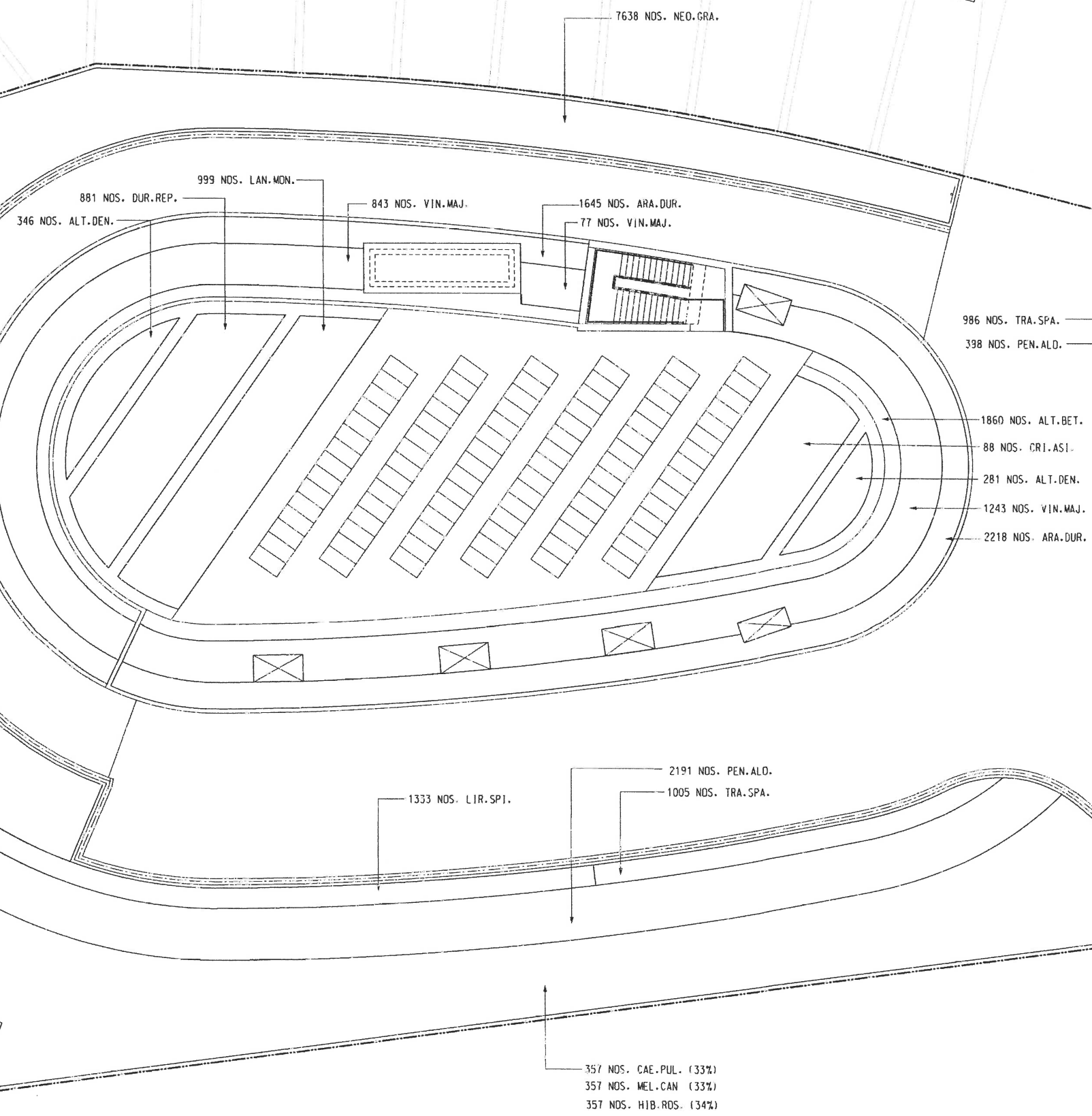
DRGNO. 60102100/S4/8503Z
圖紙編號

DESIGNED BY 設計	CONTRACT NO. 合約編號 KL/2012/03	P. Suf. APPROVED 負責人
DRAWN BY 繪圖 AC	STATUS 階段 AS-CONSTRUCTED DRAWING	
SCALE 比例 A1 T : 125 A3 T : 250		
DIMENSIONS ARE IN 尺寸單位 MILLIMETRES		

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LEGEND:

	SITE BOUNDARY OF PS2
	SKYLIGHT
PA	PLANTING AREA



Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JAN.20
B	WORKING DRAWING	DYHP	SCWC	OCT.13
A	TENDER ADDENDUM NO.3	DYHP	SCWC	APR.13
-	TENDER DRAWING	DYHP	SCWC	MAR.13


土木工程拓展署
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KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
 STAGE 4 INFRASTRUCTURE A1
 FORMER NORTH APRON AREA

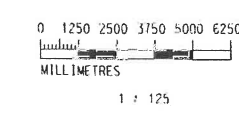
**PUMPING STATION PS2 -
SHRUB PLANTING PLAN**

AECOM

DRGNO. 60102100/S4/8504Z
 圖紙編號

DESIGNED BY 設計	CONTRACT NO. 合約編號	P. DIR. APPROVED 負責人
AC	KL/2012/03	DME
SCALE 比例	STATUS 階段	
A1 1 : 125 A3 1 : 250	AS-CONSTRUCTED DRAWING	
OTHERS ARE 1:10 其他比例		
MILLIMETRES		

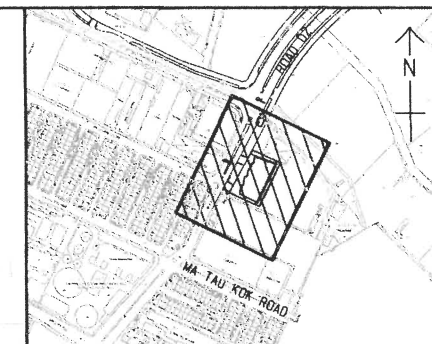
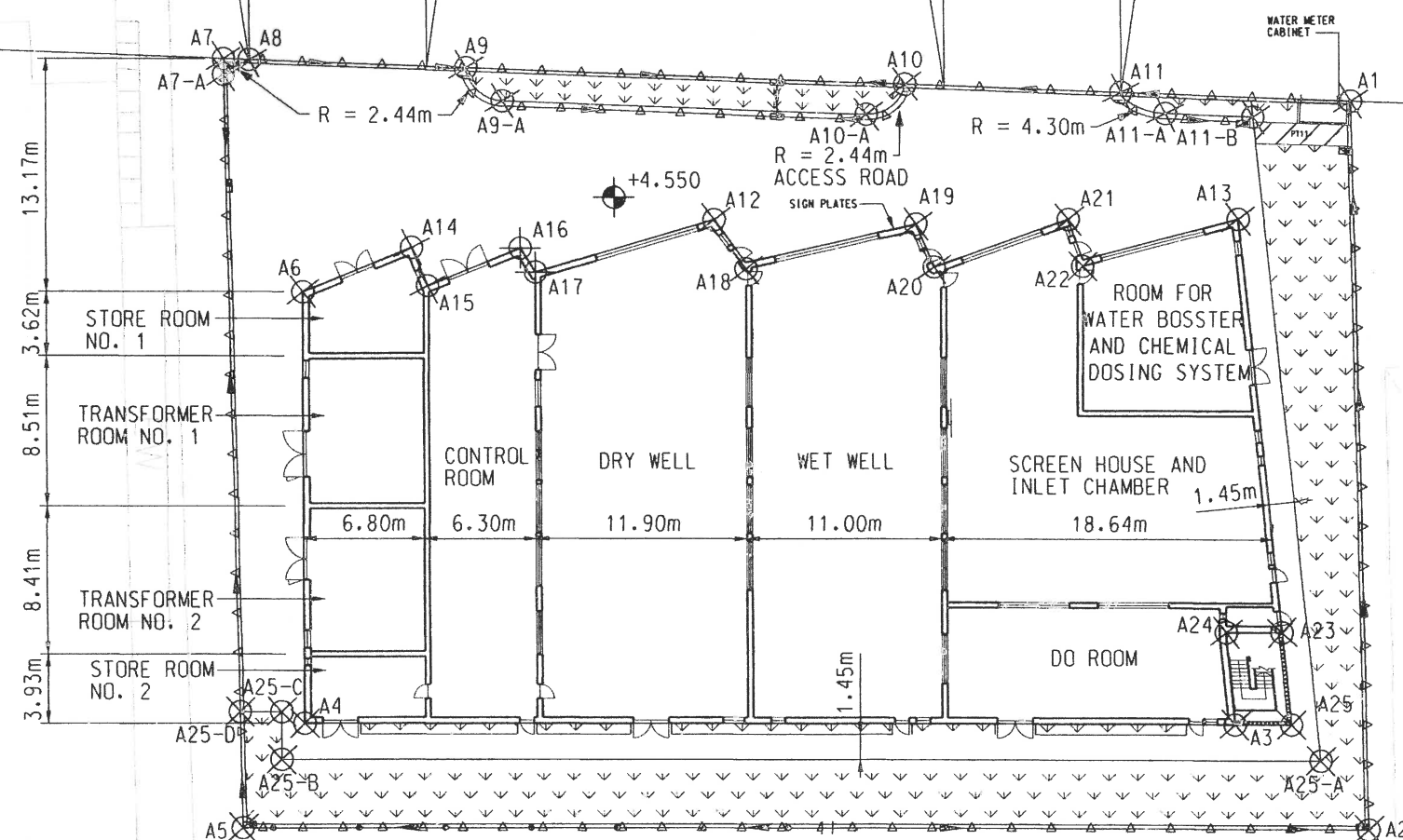
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838020 E

838060 F



LOCATION PLAN

SCALE A1 1 : 5000
A3 1 : 10000

NOTES:

1. ALL LEVELS ARE IN METRES & REFER TO PRINCIPAL DATUM (HMD).
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
3. ALL CO-ORDINATES ARE IN ACCORDANCE WITH HONG KONG (1980) GEOTETIC DATUM.
4. CONCRETE STRUCTURES BELOW GROUND FLOOR LIKE INLET CHAMBER, SCREEN CHANNEL AND WET BELLS ARE DEFINED AS WATER RETAINING STRUCTURES AND THEREFORE WERE CONSTRUCTED & TESTED IN ACCORDANCE WITH SECTION 23 & RELEVANT SECTIONS OF THE GENERAL SPECIFICATION. THE TOP WATER LEVEL USED IN THE WATERTIGHTNESS TESTS FOR THESE STRUCTURES WERE +3.5MPD.
5. THRUST BLOCKS AT BENDS OF RISING MAINS ARE NOT SHOWN FOR CLARITY.
6. ALL INTERNAL SURFACES OF INLET CHAMBER, SCREEN CHANNEL AND WET WELL AREA LINED WITH PVC PROTECTION LINING.
7. FOR MISCELLANEOUS DETAILS OF THE PUMPING STATION REFERRED TO DRAWING NO. 60102100/S4/B201Z TO 8203Z.
8. FOR SIGN PLATE DETAILS, REFER TO DRAWING NO. 60102100/S4/9406Z.
9. FOR EMERGENCY CRASH GATE DETAILS, REFER TO DRAWING NO. 60102100/S4/9008Z.

LEGEND:

- 
 SETTING OUT POINT
- 
 PLANTING AREA
- 
 FINISHED LEVEL/
SLAB FLOOR SPOT LEVEL
- 
 FENCE FOR ACCESS STAIRCASE
- 
 U-CANNEL WITH HEAVY DUTY
CAST-IRON COVER

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JUL. 19
C	WORKING DRAWING	DYHP	SCWC	OCT. 13
B	TENDER ADDENDUM NO.2	DYHP	SCWC	MAR. 13
A	TENDER ADDENDUM NO.1	DYHP	SCWC	MAR. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13
REV. REV.	DESCRIPTION	REV. REV.	DATE	



KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PUMPING STATION NPS -
LAYOUT PLAN



DRG.NO. 60102100/S4/9001Z

DESIGNED BY 设计	CONTRACT NO. 合同号	P. Dir. APPROVED 负责人
VCY	KL/2012/03	DML
DRAWN BY 制图	STATUS 状态	
CHX		
SCALE 比例	A1 1 : 200 A3 1 : 400	
AS-CONSTRUCTED DRAWING		
DIMENSIONS ARE IN 尺寸单位		
METRES		
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GENERAL NOTES:

1. THIS SERIES OF DRAWINGS IS INTENDED TO COVER THE FOLLOWING ASPECTS ONLY:
 - 1.1. EXTERNAL ARCHITECTURAL FINISH/INSTALLATION ON WALL, FLOOR & ROOF.
 - 1.2. DOOR/ LOUVER ERECTED ON THE LEVELS ABOVE GROUND.
2. THIS SERIES OF DRAWINGS TO BE READ IN CONJUNCTION WITH DRAWINGS SERIES FOR CIVIL WORKS, STRUCTURAL WORKS, LANDSCAPE WORKS, AND E&M WORKS.
3. ALL GRANITE FLOOR FINISHES, IF ANY, WERE 20MM THICK UNLESS OTHERWISE SPECIFIED: ALL WALL-MOUNTED GRANITE WERE 20MM THICK UNLESS OTHERWISE SPECIFIED. ALL MORTAR FOR STONE WORK INSTALLATION WERE WHITE C/S TYPE.
4. ALL GRANITE, IF ANY, WAS TREATED WITH AKEMI STONE IMPREGNATION OR EQUIVALENT FOR ALL 6 SIDES BEFORE INSTALLATION.
5. ALL OUTDOOR FLOORING WITH HANDED FINISHES COMPLETED WITH SLIP RESISTANCE COATING.
6. ALL WALL FINISHES WERE LAID UP TO TRUE CEILING AND COVER ANY BEAM SURFACE UNLESS OTHERWISE SPECIFIED.
7. ALL C/S RENDERING WAS ALLOW ADHESIVE ADMIXTURE OF APPROVAL BRAND TYPE FOR LAYING OF HOMOGENEOUS TILE / STONE WORK TO WALL & FLOOR.
8. ALL GRANITE AND MARBLE, WAS FINISHED WITH WATERPROOF SEALER.
9. ALL SPRAY PAINT SPECIFIED ON THE DRAWINGS HAVE MATERIAL WARRANTY PERIOD OF PERFORMANCE OF QUALITY INCLUDING BUT NOT LIMITED TO PEELING OFF, AND PARTIAL DISCOLORATION.
10. ALL METAL WORKS WERE ALLOW EARTH ROD AND FIXING ARRESSORIES TO BE CONNECTED TO RESISTANCE TO CRACKING, PEELING OFF, DECOLORATION AND DETERIORATION.
11. NO GLASS WAS LESS THAN 8MM THICK, EXCEPT OTHERWISE SPECIFIED.
12. GLASS THICKNESS WAS ADEQUATE TO WITHSTAND LOADING (INCLUDING WIND LOADING & IMPACT LOADING) AS ACCORDING TO SPECIFICATION TO SUBSTANTIATE BY CALCULATION AND IN ALL WAYS SUITABLE FOR THE SKYLIGHT AND WINDOW SYSTEM, AND TO COMPLY WITH THE GOVERNMENT CONSTRUCTION REGULATION. THE DESIGN OF SKYLIGHT, WINDOW & LOUVER COMPLIED WITH PNAP APP-37 (PREVIOUS REFERENCE 106) & APP-116 (PREVIOUS REFERENCE 248) LATEST EDITION.
13. ALL WINDOW FRAMES & LOUVERS WERE STAINLESS STEEL UNLESS WHERE SPECIFIED.
14. ALL GLASS WAS GRAY TINTED GLASS FOR ALL WINDOWS EXCEPT OTHERWISE STATED.
(FLOAT GLASS, SHEET GLASS, OBSCURED SHEET GLASS, LAMINATED SAFETY & TEMPERED GLASS, STAINED GLASS, REFLECTED GLASS).
15. ALL WINDOW AT TOILET WAS PROVIDED WITH OBSCURED GLASS.
16. ALUMINIUM WEATHER PROOFING LOUVERS (W.P.L.) CONSISTS OF 50MM FRAME & DOUBLE LOUVRE FOR WATERPROOFING PURPOSE.
17. WATERPROOF CEMENT/SAND GROUTING, EXTERNAL SEALANT TO ALL FRAME AND CEMENTITIOUS WATERPROOFING COATING AT EXTERNAL AROUND WINDOW FRAME WAS INSTALLED.
18. COLOR OF SEALANT MATCHED WITH WINDOW FRAME AND/OR GLAZING PANES.
19. IRONMONGERY WAS PROPERLY POSITIONED TO ALLOW EASE OF OPERATION.
20. ALL FIRE DAMPERS FOR LOUVRE WERE PROVIDED.
21. ALL METAL CLADDINGS WERE IN 3MM THICK ALUMINIUM PANEL UNLESS OTHERWISE STATED.
22. METAL AND GLASS PACKAGE INCLUDES THE DESIGN AND INSTALLATION OF ALL NECESSARY SUPPORTING FRAMES/STEEL STRUCTURE FOR WINDOWS/GLAZING/ARCHITECTURAL FEATURE/FINS/LOUVERS/CLADDINGS AND PANELS ETC. AS DRAWN AND OTHER ASSOCIATED.
23. METAL AND GLASS PACKAGE INCLUDES ALL INTERFACE DETAILS WITH INTERIOR FIT-OUT WORKS AND EXTERIOR FIT-OUT WORKS AND INCLUDE THE SEALANT AND GROUTING WORKS WITH ADJOINING FINISHES/STRUCTURE.
24. ALL FIXING BRACKETS, EMBEDS, BOLTS, NUTS, SCREWS ETC. WERE IN STAINLESS STEEL UNLESS OTHERWISE STATED.
25. THICKNESS OF ALL GLASS MEET WITH THE DESIGN CRITERIA OF BUILDING ORDINANCE, REGULATIONS, CODE OF PRACTICE, BUILDING DEPARTMENT'S WIND PRESSURE OR SUCTION REQUIREMENT, BUT IN ANY CASE WAS NOT LESS THAN 8mm.
26. ALL ROOF FEATURE CLADDING WAS DESIGNED TO ALLOW A LATERAL MOVEMENT BY 1/125 SPAN MEASURED FROM THE MAIN ROOF OR 20MM WHICHEVER THE LESSER.
27. ALL SKYLIGHT WAS STRUCTURAL GLASS SYSTEM WITH ETCHING FINISH.
28. ALL SITE WELD CONNECTION WAS APPLIED WITH ONE LAYER OF EPOXY ZINC RICE PRIMER BEFORE APPLICATION OF PAINT SYSTEM.
29. ALL STRUCTURAL STEEL, STEEL AND METAL WORKS WERE HOT DIPPED GALVANIZED UNLESS OTHERWISE SPECIFIED AND WERE APPLIED WITH PAINT SYSTEM IN ACCORDANCE TO BE 5493:1977 (ONE COAT OF EPOXY ALLOY PRIMER AND TWO COAT OF POLYURETHANE COATING AS TOP COAT).
30. ALL BLAST CLEAN STEEL WAS APPLIED WITH PAINT SYSTEM IN ACCORDANCE WITH BS 5493:1977 (ONE COAT OF EPOXY ZINC PHOSPHATE PRIMER, ONE COAT OF EPOXY MID PRIMER AS UNDERCOAT AND TWO COAT OF POLYURETHANE COATING AS TOP COAT).
31. FOR INTERNAL FINISHES AND DOORS OF TRANSFORMER ROOM REFERRED TO CLP CODE OF PRACTICE UNLESS OTHERWISE SPECIFIED.
32. ALL PLASTERING AND RENDERING WERE 15MM THICK UNLESS OTHERWISE STATED.
33. ALL FLOOR FINISHES WERE 50MM THICK UNLESS OTHERWISE STATED.

GENERAL LEGEND

A.F.F.L.	ABOVE FINISHED FLOOR LEVEL	H/L	HIGH LEVEL
A.H.U.	AIR HANDING UNIT	H/R	HOSE REEL
B.L.	BOUNDARY LINE	L/L	LOW LEVEL
C.D.	CABLE DUCT	LAV.	LAVATORY
CONT.	CONTINUOUS	M.L.	METAL LOUVRE
DN.	DOWN	MV/AL	MECHANICAL VENTILATION AND ARTIFICIAL LIGHTING
DIS.	DISABLED	P.D.	PIPE DUCT
E.M.R.	ELECTRIC METER ROOM	PRO.	PROVIDED
F.E.	FIRE EXTINGUISHER (4.5KG CO2)	R.C.C.	REINFORCED CONCRETE
F.H.	FIRE HYDRANT	REQ.	REQUIRED
F.C.G.W.	FIXED CLEAR GLASS WINDOW	S.S.L.	STRUCTURE SLAB LEVEL
F.W.G.L.	FIXED WIRED GLASS LOUVRE	W.M.R.	WATER METER ROOM
F.A.	FIRE ALARM	T.D.	TELEPHONE DUCT
F.F.L.	FINISHED FLOOR LEVEL		
S.F.L.	STRUCTURE FLOOR LEVEL		

Z	AS-CONSTRUCTED DRAWING	WKL HKT	JUL. 19
B	TENDER ADDENDUM NO. 2	DYHP SCWC	MAR. 13
A	TENDER ADDENDUM NO. 1	DYHP SCWC	MAR. 13
-	TENDER DRAWING	DYHP SCWC	MAR. 13
REV. DATE	DESCRIPTION 内容説明	BY 作成者	DATE 日付



KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

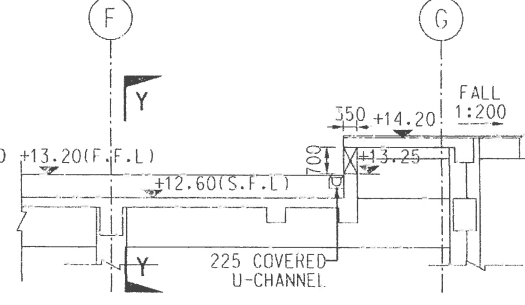
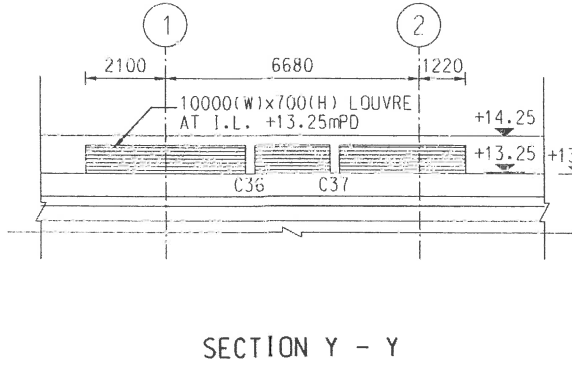
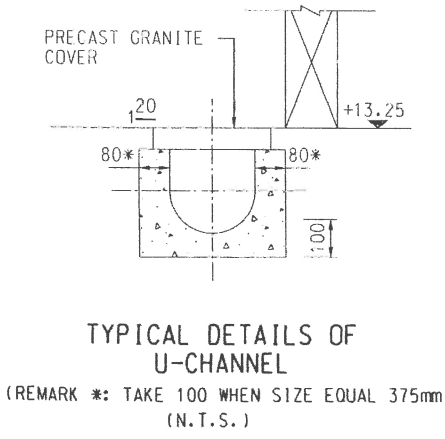
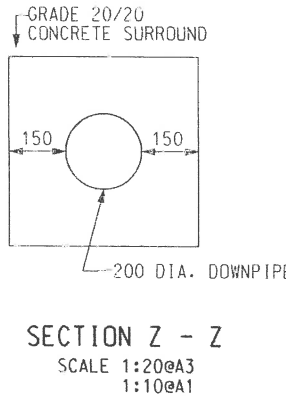
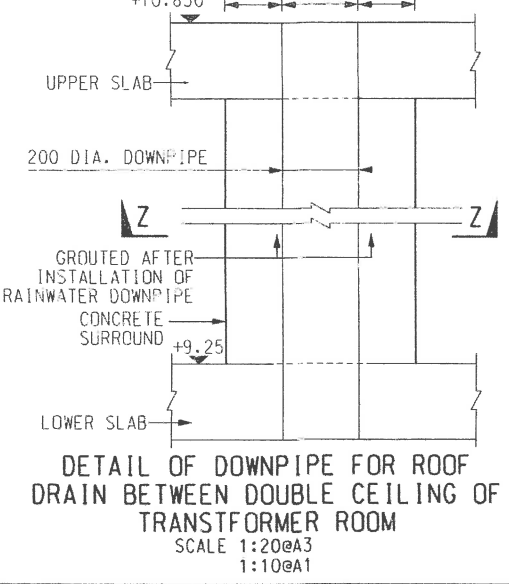
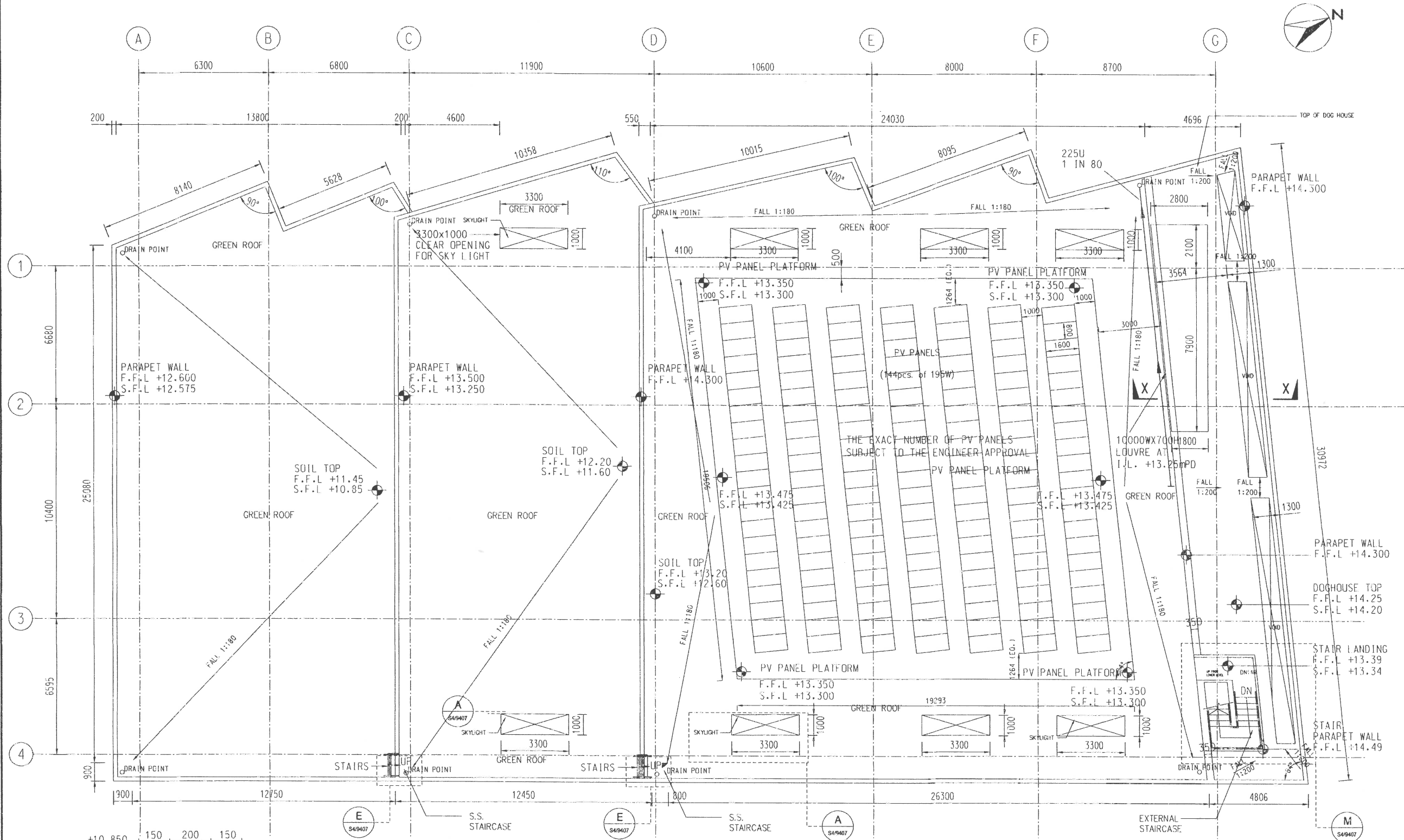
GENERAL NOTES
FOR ARCHITECTURAL WORKS OF
PUMPING STATION NPS



DRG.NO. 60102100/S4/9400Z

DESIGNED BY 設計	CONTRACT NO. 合約編號	P. Dir. APPROVED 監察人
KT	KL/2012/03	DML 
DRAWN BY 圖樣	STATUS 階段	AS-CONSTRUCTED DRAWING
VC		
SCALE 比例	NTS	
DIMENSIONS ARE IN 尺寸單位	MILLIMETRES	
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NOTES:
1. FOR NOTES AND LEGENDS, PLEASE REFER TO DRAWING NO. 61012100/S4/9400Z.

LEGEND:
225 225U-CHANNEL WITH GRANITE COVER

Z	AS-CONSTRUCTED DRAWING	SKL	HKT	JUL.19
A	TENDER ADDENDUM NO.1	DYHP	SCBC	OCT.13
-	TENDER DRAWING	DYHP	SCBC	12/10/29
REV.	DESCRIPTION	REV.	DATE	

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Civil Engineering and Development Department

KAI TAK DEVELOPMENT
KAI TAK DEVELOPMENT - STAGE 4 INFRASTRUCTURE AT FORMER NORTH APRON AREA

PUMPING STATION NPS ROOF FLOOR PLAN

AECOM

DRG.NO. 60102100/S4/9402Z
圖紙編號

DESIGNED BY 設計	CONTRACT NO. 合約編號	P. BY. APPROVED 校對人
KT	KL/2012/03	DML

DRAWN BY 繪圖	STATUS 狀態
VC	AS-CONSTRUCTED DRAWING

SCALE A1 1:10000
A3 1:20000
DIMENSIONS ARE IN MILLIMETRES

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1. FOR NOTES AND LEGENDS, PLEASE REFER TO DRAWING NO. 61012100/S4/9400Z.

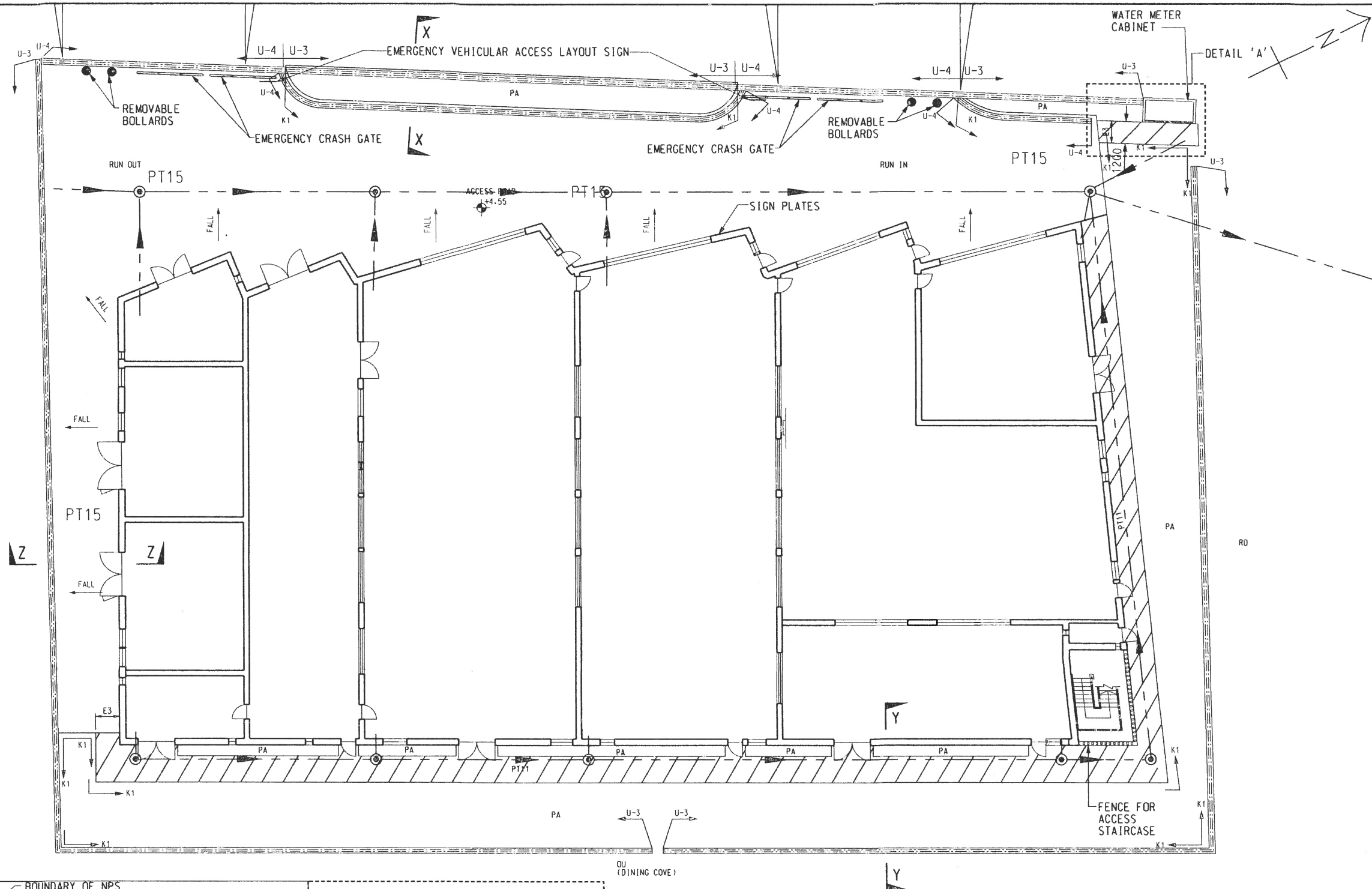


DESIGNED BY 设计	KT	CONTRACT NO. 合同编号	KL/2012/03	P. Dir. APPROVED 批准人	DWL
DRAWN BY 制图	VC	STATUS 状态	AS-CONSTRUCTED DRAWING		
SCALE 比例	AS SHOWN				
DIMENSIONS ARE IN 尺寸单位		MILLIMETRES			
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1. FOR NOTES AND LEGENDS, PLEASE REFER TO DRAWING NO. 60102100/54/9400Z.

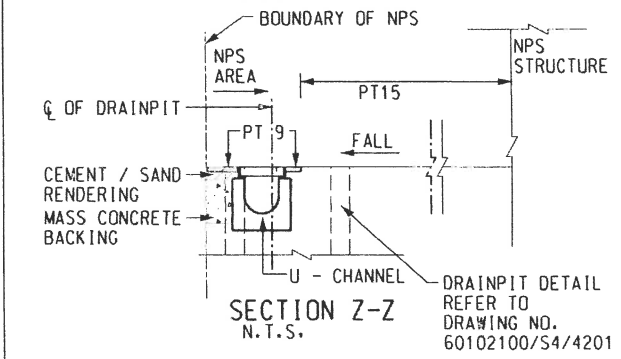
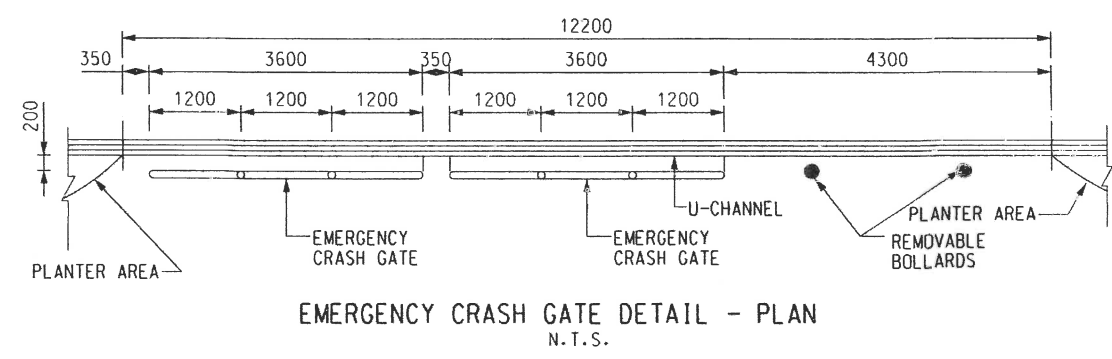
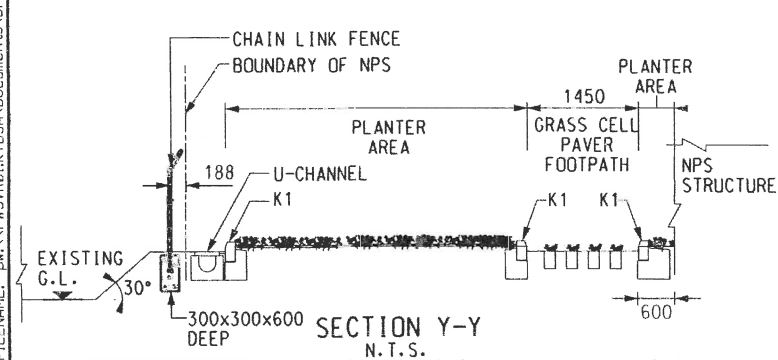
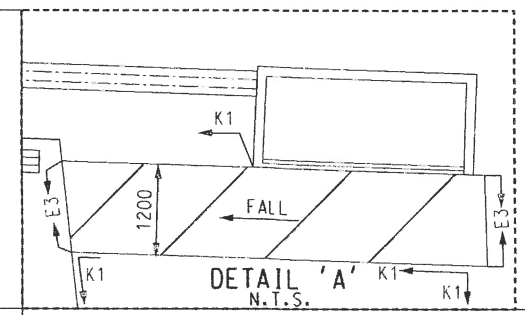
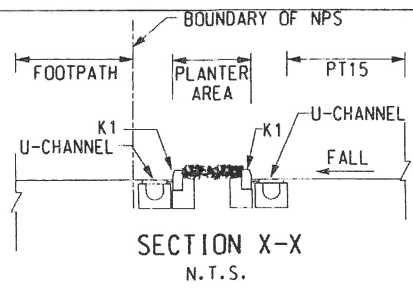


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		KL/2012/03	DML
Drawn BY 繪圖	VC	STATUS 狀態	
SCALE 比例	AS SHOWN	AS-CONSTRUCTED DRAWING	
DIMENSIONS ARE IN 尺寸單位		© COPYRIGHT RESERVED 版權所有	
MILLIMETRES			



- NOTES:**
1. FOR EMERGENCY CRASH GATE, REFER TO HIGHWAY STANDARD DRAWING NO. H2108B.
 2. FOR FENCE FOR ACCESS STAIRCASE DETAILS, REFER TO DRAWING 60102100/S4/9406-12.
 3. FOR SIGN PLATE DETAILS, REFER TO DRAWING NO. 60102100/S4/9406Z.
 4. PAVING PATTERN REFER TO DRAWING NO. 60102100/S4/7201Z.
 5. THIS SKETCH TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60102100/S4/7201Z & 7708Z.
 6. FOR EMERGENCY VEHICULAR ACCESS LAYOUT SIGN, REFER TO DRAWING NO. 60102100/S4/9509Z.
 7. CHAIN LINK FENCE DETAILS REFER TO HYD STANDARD DRAWING NO. H6121B AND H6122A.

- LEGEND:**
- PA PLANTING AREA
 - PT11 PAVING PATTERN 11
 - PT15 PAVING PATTERN 15
 - K1 K1 KERB
 - E3 E3 KERB
 - FALL FALL
 - STRUCTURE FLOOR LEVEL
 - EMERGENCY CRASH GATE
 - FENCE FOR ACCESS STAIRCASE
 - U-CHANNEL COVERED



Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JUL-19
REV.	DESCRIPTION	DATE	DATE	DATE
01	1/12			

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CEDD Civil Engineering and Development Department

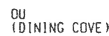
KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PUMPING STATION NPS -
LANDSCAPE GENERAL
ARRANGEMENT PLAN (GF)

AECOM

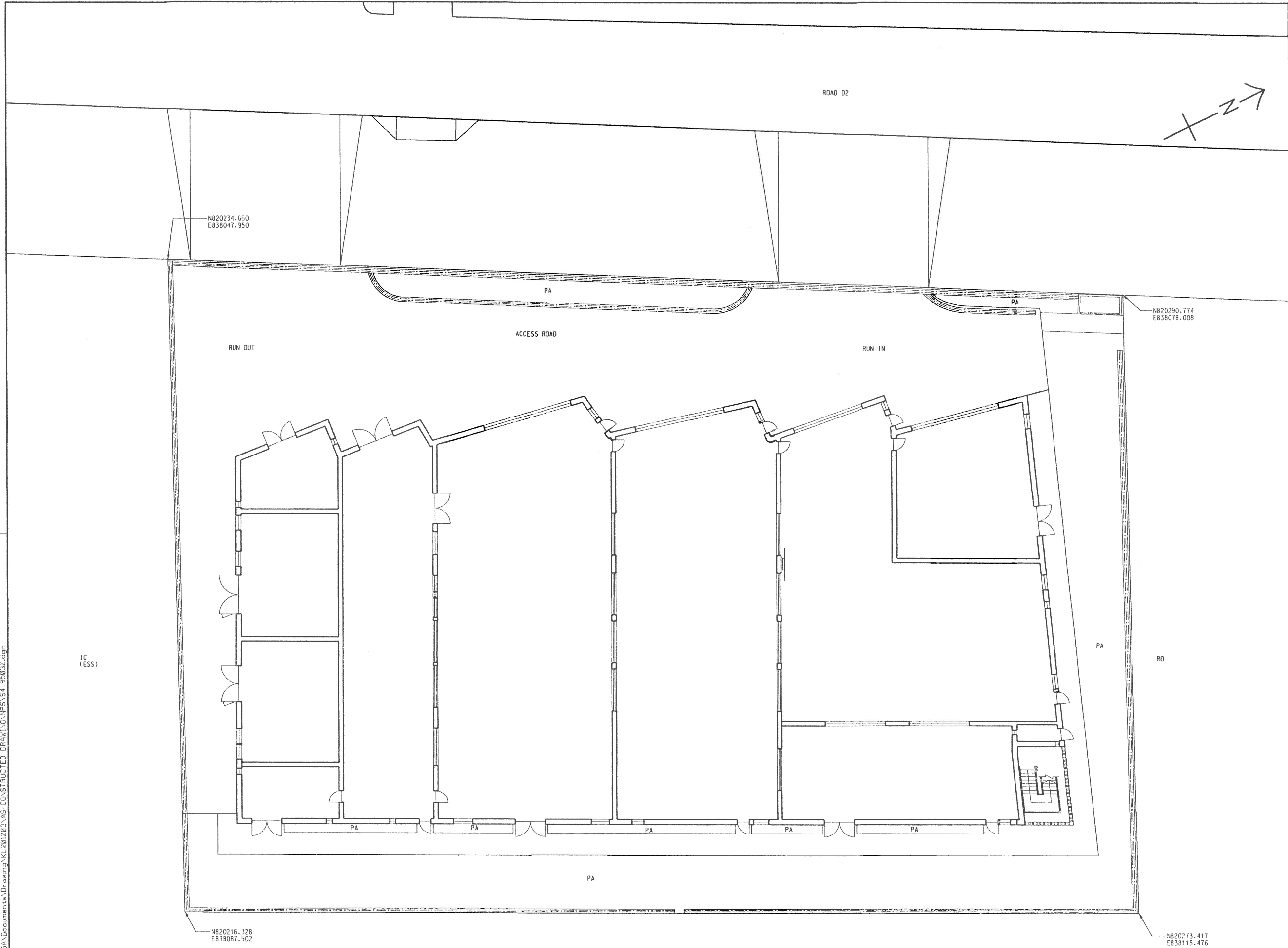
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CHECKED BY	KHC
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APPROVED BY	WKL
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1 : 125

DESIGNED BY 設計	CONTRACT NO. 合約編號	P. Dir. APPROVED 批准人
	KL/2012/03	DML
DRAWN BY 繪圖	STATUS 圖況	
AC		
SCALE 比例	AS-CONSTRUCTED DRAWING	
A3 1 : 125 A3 L : 250		
DIMENSIONS IN 尺寸單位	© COPYRIGHT RESERVED 版權所有	
MILLIMETRES		

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LEGEND:

- SITE BOUNDARY OF NPS
- PA PLANTING AREA
- ===== U-CHANNEL COVER

Z	AS-CONSTRUCTED DRAWING	DKL	HKT	JUL. 19
A	WORKING DRAWING	DYHP	SCBC	OCT. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13
REV.	DESCRIPTION	DATE	BY	DATE

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Civil Engineering and
Development Department

KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

**PUMPING STATION NPS -
SETTING OUT PLAN (GF)**

AECOM

DRG.NO. 60102100/S4/9503Z
圖紙編號

DESIGNED BY 設計	CONTRACT NO. 合約編號	P. BY - APPROVED 負責人
AC	KL/2012/03	DML
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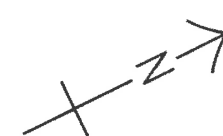
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PA

U-CHANNEL COVER

SITE BOUNDARY OF NPS

PLANTING AREA

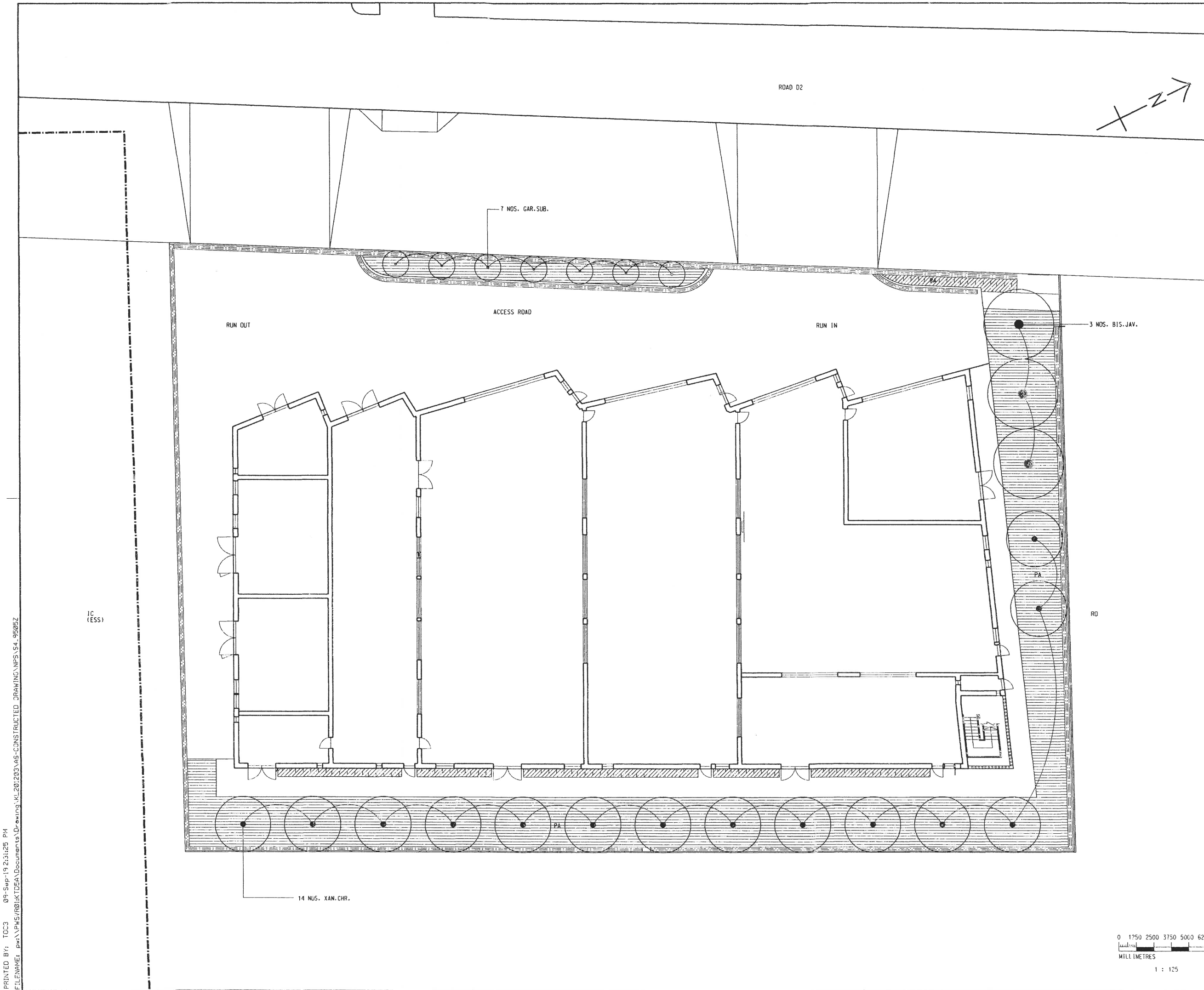


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-	TENDER DRAWING	DYHP	SCWC	MAR. 13
REV. 圖紙 更改	DESCRIPTION 內容簡述	D.S. 設計人 C.Y.	P.E. 校核人 C.Y.	D.TS 日期 04/02
 土木工程拓展署 Civil Engineering and Development Department				
KAI TAK DEVELOPMENT				
KAI TAK DEVELOPMENT - STAGE 4 INFRASTRUCTURE AT FORMER NORTH APRON AREA				
PUMPING STATION NPS - SETTING OUT PLAN (ROOF)				
				
DRG.NO. 圖紙編號		60102100/S4/9504Z		
DESIGNED BY 設計人	CONTRACT NO. 合約編號	P. Dcr. APPROVED 批准人		
DRAWN BY 繪圖人	KL/2012/03	DML		
SCALE 比例	STATUS 狀態			
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DIMENSIONS SET IN 尺寸單位	MILLIMETRES			
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NOTES:
1. REFER PROPER PLANTING PRACTICE 'SELECT AND PLANT GOOD SPECIMENS' AND 'STAKING AND GUYING TREES' ISSUED BY DEVB.

LEGEND:

SITE BOUNDARY OF NPS

PLANTING AREA

PROPOSED TREE

MIN. 1200mm SOIL DEPTH EXCLUSION OF DRAINAGE LAYER

MIN. 600mm SOIL DEPTH EXCLUSION OF DRAINAGE LAYER

MIN. 350mm TOP SOIL (LIGHT WEIGHT)

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	SEP.19
B	WORKING DRAWING	DYHP	SCWC	OCT.13
A	TENDER ADDENDUM NO.1	DYHP	SCWC	MAR.13
-	TENDER DRAWING	DYHP	SCWC	MAR.13

REV.	DESCRIPTION	DATE
01	ISSUED FOR TENDER	01/09/13

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KAI TAK DEVELOPMENT
KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

**PUMPING STATION NPS -
TREE PLANTING PLAN
& SOILING PLAN (GF)**

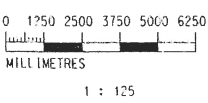
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AC	KL/2012/03	DML

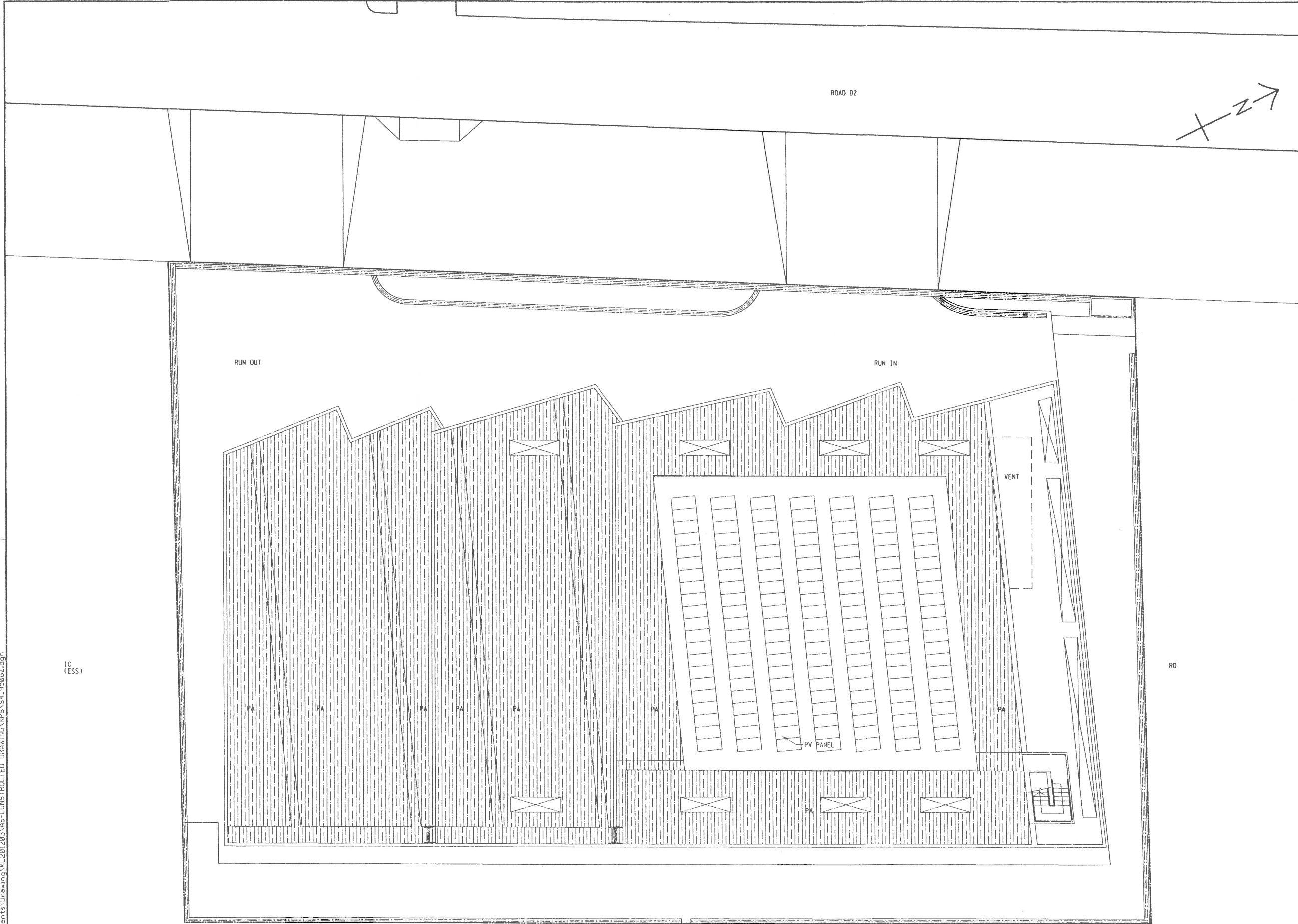
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DIMENSIONS 尺寸	IN MILLIMETRES

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LEGEND:

	SITE BOUNDARY OF NPS
	PLANTING AREA
	SKYLIGHT
	MIN. 1200mm SOIL DEPTH EXCLUSION OF DRAINAGE LAYER
	MIN. 600mm SOIL DEPTH EXCLUSION OF DRAINAGE LAYER
	MIN. 350mm TOP SOIL (LIGHT WEIGHT)

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JUL. 19
C	WORKING DRAWING	DYHP/SCWC		OCT. 13
B	TENDER ADDENDUM NO. 3	DYHP/SCWC		APR. 13
A	TENDER ADDENDUM NO. 1	DYHP/SCWC		MAR. 13
-	TENDER DRAWING	DYHP/SCWC		MAR. 13

REV.	DESCRIPTION	DATE	BY	CHKD.	DATE
01	ISSUED FOR TENDER				

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Civil Engineering and Development Department

KAI TAK DEVELOPMENT
KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

**PUMPING STATION NPS -
TREE PLANTING PLAN
& SOILING PLAN (ROOF)**

AECOM

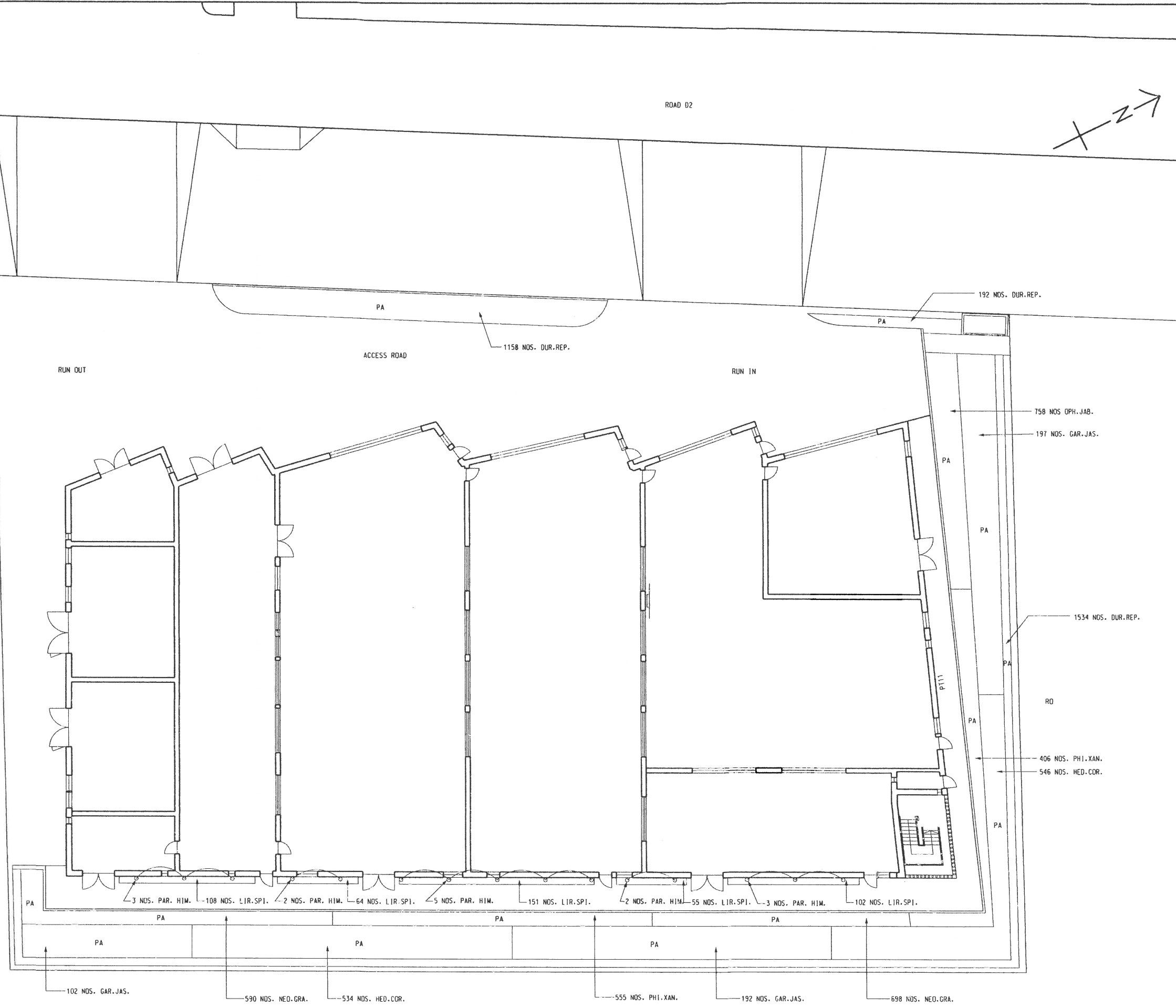
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DESIGNED BY 設計	STATUS 圖	CONTRACT NO. 合約編號	P. Dir. APPROVED 署長 核准
AC	AS-CONSTRUCTED DRAWING	KL/2012/03	DML

SCALE 比例	DIMENSIONS ARE IN 尺寸單位	COPYRIGHT RESERVED 版權 所 有	
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MILLIMETRES
1 : 125

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LEGEND:

- SITE BOUNDARY OF NPS
- PA PLANTING AREA

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JUL. 13
A	WORKING DRAWING	DYHP	SCWC	OCT. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13
REV.	DESCRIPTION	BY	DATE	DATE



KAI TAK DEVELOPMENT

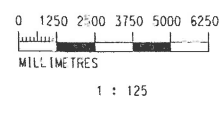
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STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

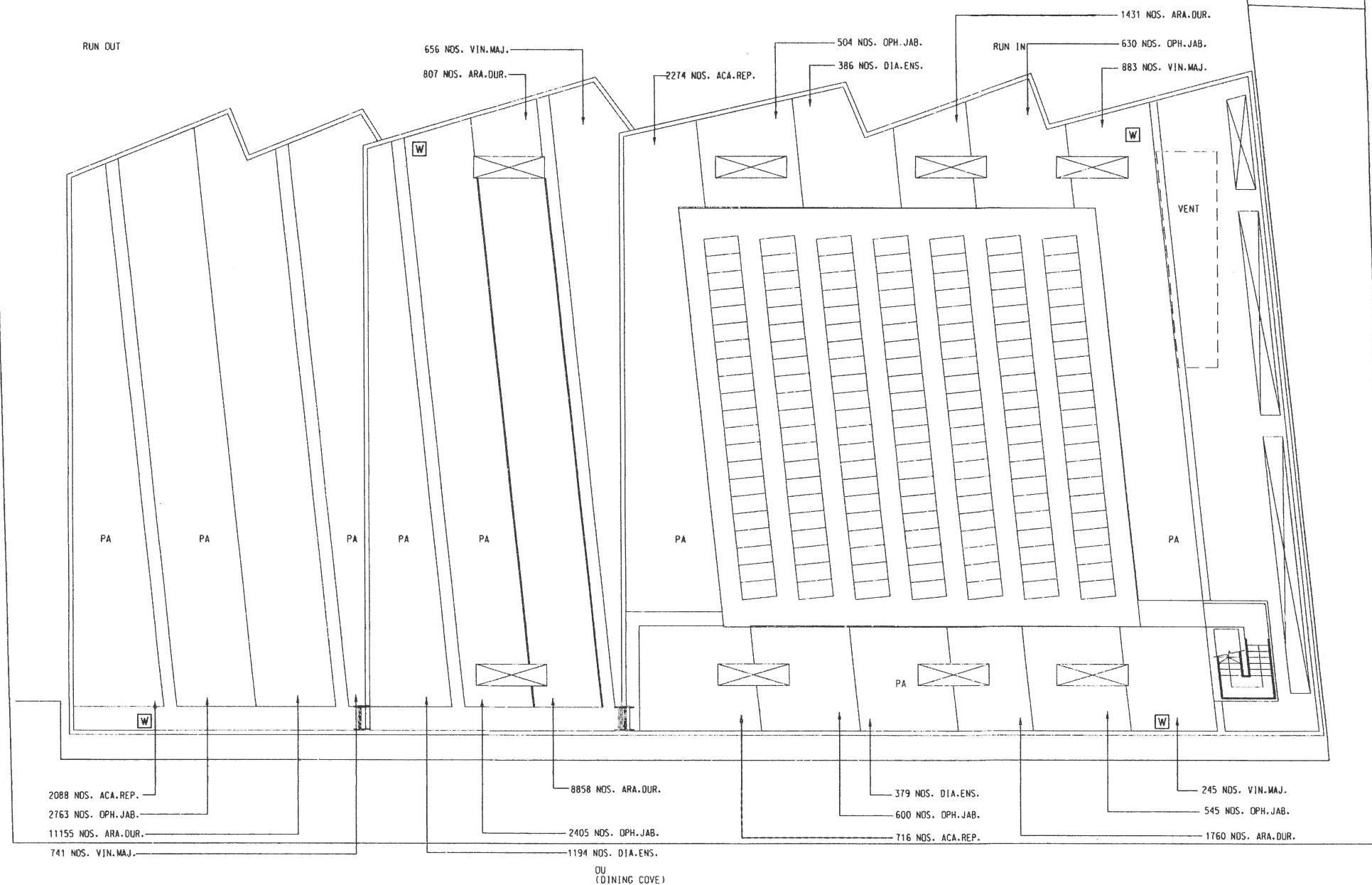
PUMPING STATION NPS -
SHRUB PLANTING PLAN (GF)



DRG.NO. 60102100/S4/95072

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STATUS AS-CONSTRUCTED DRAWING		
SCALE A1 1 : 125 A3 1 : 250		
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LEGEND:

- SITE BOUNDARY
- PA PLANTING AREA
- SKYLIGHT
- W WATER POINT (TAP)

Z	AS-CONSTRUCTED DRAWING	WKL	HKT	JUL. 19
B	WORKING DRAWING	DYHP	SCWC	OCT. 13
A	TENDER ADDENDUM NO.3	DYHP	SCWC	APR. 13
-	TENDER DRAWING	DYHP	SCWC	MAR. 13

REV.	DESCRIPTION	DATE
01	ISSUED FOR TENDER	13/03/2013

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KAI TAK DEVELOPMENT

KAI TAK DEVELOPMENT -
STAGE 4 INFRASTRUCTURE AT
FORMER NORTH APRON AREA

PUMPING STATION NPS - SHRUB PLANTING PLAN (ROOF)

AECOM		
DRG.NO. 60102100/S4/9508Z 圖紙編號		
DESIGNED BY 設計	CONTRACT NO. 合約編號	P. OR. APPROVED 專業人
DRWN BY 繪圖	STATUS 狀態	DML
SCALE 比例	AS-CONSTRUCTED DRAWING	
DIMENSIONS AND IN 尺寸單位	© COPYRIGHT RESERVED 版權所有	

