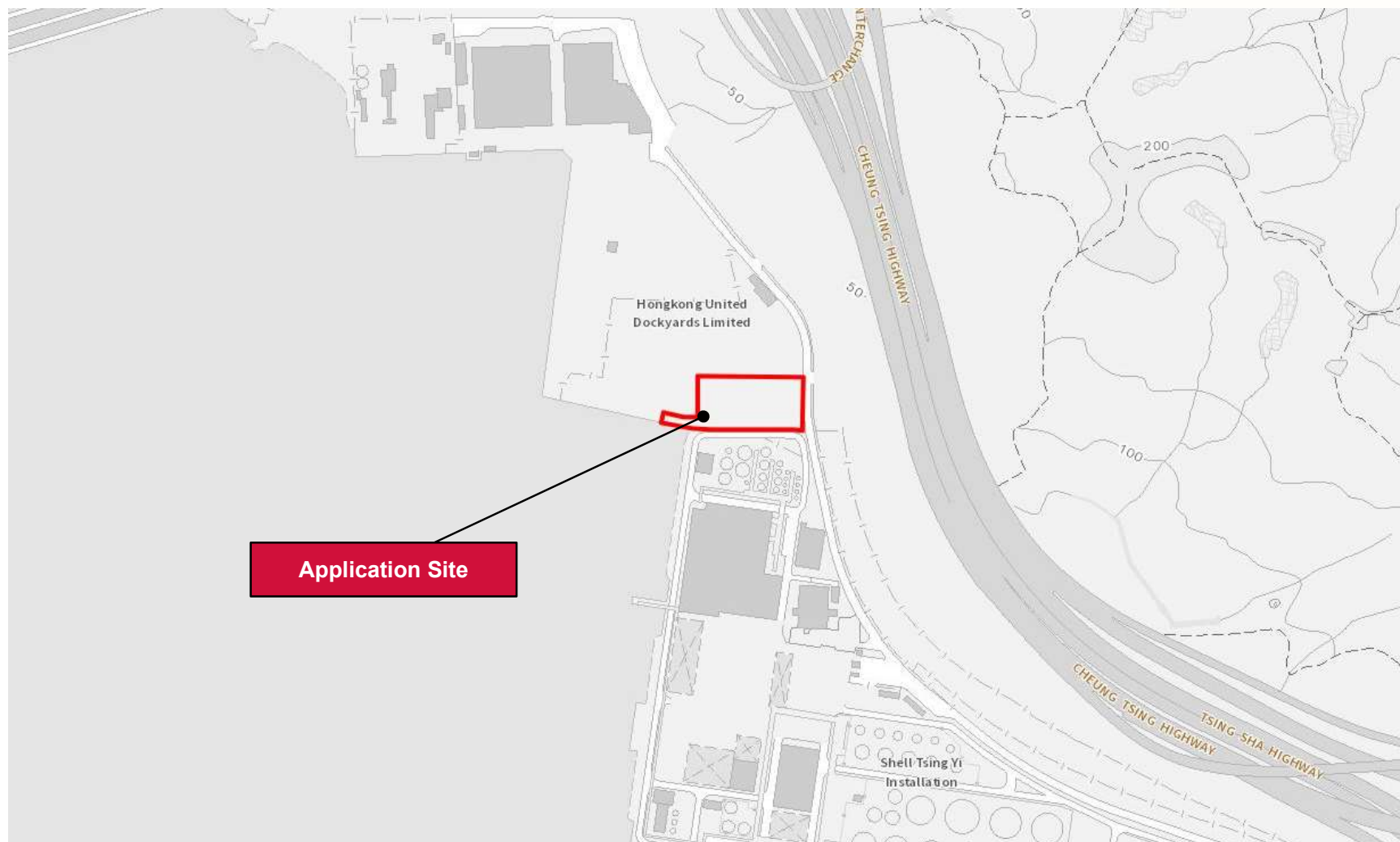


Appendix I

Location Plan



Location Plan
(extracted from Town Planning Board Statutory Planning Portal 3)

For Identification Purposes Only

Appendix II

Schematic Drawings

GENERAL NOTES:

- UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MM.
- UNLESS OTHERWISE STATED, ALL LEVELS ARE IN MPD. ALL LEVELS ARE STRUCTURAL LEVELS.
- STRUCTURAL PLAN, FOUNDATION PLAN, DRAINAGE PLAN WILL BE SUBMITTED SEPARATELY.
- THE DESIGN AND CONSTRUCTION OF ASPHALT PLANT SHALL FOLLOW PNAP APP-120, INCLUDING APPENDIX B, AS FOLLOWS:
 - TOTAL G.F.A. OF CONTROL ROOM DOES NOT EXCEED 30m² PER PRODUCTION LINE AND FRC REQUIREMENTS ARE WAIVED.
 - CONTROL ROOM AREA NOT EXCEEDING 30m² PER PRODUCTION LINE AND TOTAL G.F.A. OF CONTROL ROOM < 100m² AND PERSONNEL INSIDE CONTROL ROOM DOES NOT EXCEED 5 PERSONS / PRODUCTION LINE.
 - M.O.F. REQUIREMENT ARE WAIVED.
 - B(P/R) 72 REQUIREMENT ARE WAIVED.
 - MINIMUM REQUIREMENT OF STAIRCASE TO CONTROL ROOM WILL BE AS FOLLOWS:
 - STAIR WIDTH > 750MM CLEAR
 - HANDRAIL ON EACH SIDE
 - STAIR INCLINATION < 45 DEGREE
 - CONTROL ROOM - SUPERFICIAL AREA OF GLASS IN WINDOW NOT LESS THAN 1/10 OF THE AREA OF ROOM & EXTENT OF OPENABLE WINDOW NOT LESS THAN 1/16 OF THE AREA OF THE ROOM.
- THERE ARE ONE PRODUCTION LINES FOR THIS ASPHALT PLANT.
- NO STRUCTURE IS WITHIN 1.8M OF BOUNDARY.
- REQUIREMENTS FOR FIRE RESISTING CONSTRUCTION (FRC) SHALL FOLLOW PNAP APP-120, INCLUDING APPENDIX B, AS FOLLOWS:
 - REQUIREMENTS FOR FIRE RESISTING CONSTRUCTION (FRC) WILL BE WAIVED PROVIDED NO PART OF THE CSP IS WITHIN 1800mm OF THE SITE BOUNDARY OTHER THAN A SEA WALL.
 - THE GROSS FLOOR AREA OF THE CONTROL ROOM DOES NOT EXCEED 30m² PER PRODUCTION LINE.
 - WATER STORAGE TANKS AND SETTLEMENT PITS WILL NORMALLY BE ALLOWED UP TO THE SITE BOUNDARY WITHOUT FRC REQUIREMENTS.
 - WATER AUTHORITY REQUIREMENTS TO BE COMPLIED WITH FOR ALL WATER SUPPLY AND PLUMBING WORK.
 - ALL VEHICLE TURNING RADI TO BE PER THE TRANSPORT PLANNING AND DESIGN MANUAL VOLUME 2.
 - MIN CLEAR HEADROOM OF FOR CONTROL ROOM, PLANT ROOF AND STAIRCASE TO BE 2100mm.
 - NO WORKERS/PEOPLE ARE ALLOWED TO STATION AT THE MIX TOWER STRUCTURE DURING NORMAL OPERATION CONDITION. ALL STAIRCASE IN MIXING TOWER IS FOR MAINTENANCE/REPAIRING OF EQUIPMENT ONLY.
 - PROVISION OF MEANS OF ACCESS FOR EXTERNAL MAINTENANCE SHALL BE COMPLIED WITH CODE OF PRACTICE ON DESIGN FOR SAFETY - EXTERNAL MAINTENANCE 2019.
 - LIGHTNING ROD AND EARTHING CONNECTIONS SHALL BE PROVIDED TO 45000 OIL TANK.
 - 5M MINIMUM DISTANCE FROM OIL TANK TO BUILDING WILL BE PROVIDED.
 - ALL ELECTRICAL CIRCUITS SHALL BE PROTECTED BY MINATURE CIRCUIT BREAKERS IN LIEU OF RE-WIRABLE FUSES.

SCHEDULE OF SANITARY FITMENTS

LOCATION	USE	UFA (m ²)	OCCUPANCY FACTOR (UFA in m ² /PERSON)	POPULATION	NO. OF MALE PERSON AND FEMALE PERSON	W.C.		BASIN		URINAL		ACCESSIBLE TOILET	
						M	F	M	F	M	F	REQ.	PROV.
CONTROL ROOM	OFFICE	-	-	2	TOTAL = 2 MALE = 3 FEMALE = 3	2	2	2	2	1	2	1	1
ASPHALT PLANT	ASPHALT PRODUCTION	-	-	3	MALE = 3 FEMALE = 3	2	2	2	2	1	1	1	1
LABORATORY	WORK PLACE	139.41 + 34.33 = 174.02	4.5	39	MALE = 23 FEMALE = 23	2	2	2	2	1	1	1	1
GUARD ROOM	SECURITY	5.98	9	1									

PROVISION OF EXIT DOORS & EXIT ROUTES FROM FIRE COMPARTMENT OR STOREY

LOCATION	USE	TOTAL USABLE FLOOR AREA (m ²)	FACTOR REPRESENTING S.M. OF U.F.A. PER PERSON	NO. OF PERSON	CAPACITY OF ROOM OR STOREY (PERSON)	MIN. NO. OF EXIT DOORS/EXIT ROUTES		MINIMUM TOTAL WIDTH (mm)		MINIMUM WIDTH OF EACH (mm)					
						REQ'D	PROV'D	REQ'D	PROV'D	REQ'D	PROV'D	REQ'D	PROV'D		
LABORATORY	6A	139.41	10	14	14	1	2	-	1700	-	2100	750	850	1050	1050
COCKLOFT	6C	34.33	30	2	2	1	1	-	850	-	1500	750	850	1050	1500
GUARD ROOM	4A	5.98	9	1	1	1	1	-	850	-	1500	750	850	1050	1500

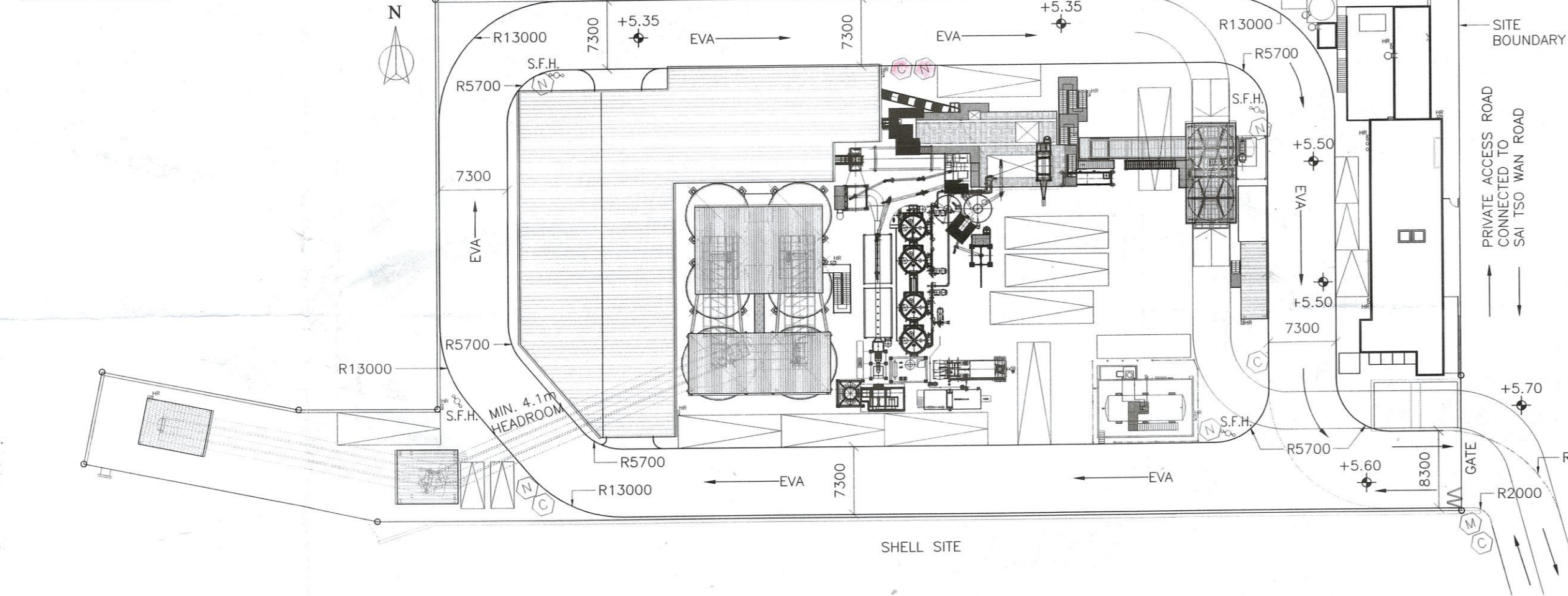
GROSS FLOOR AREA, SITE COVERAGE AND PLOT RATIO CALCULATION

THIS ASPHALT PLANT:		WHOLE HUD SITE:	
SITE AREA	= 6516.59 m ² (REFER TO DWG. NO. SVL/MLAL/HUD/475/TOPO/01, PROVIDED BY LAND SURVEYOR)	SITE AREA	= 104,333.00 m ² (REFER TO DWG. NO. HUD-801, APPROVED ON 20 JUNE 1994 UNDER BD REF: 2/9306/93)
CLASS OF SITE	= A	CLASS OF SITE	= A [REFER TO DWG. NO. HA700/G/01(C), APPROVED ON 27 MAY 2003 UNDER BD REF: 2/9037/02(TB)]
MAIN STREET LEVEL	= +5.7 mPD	MAIN STREET LEVEL	= +5.4 mPD
TOP ROOF LEVEL	= +30.525 mPD	HEIGHT OF BUILDING	= 38.8m
HEIGHT OF BUILDING	= 24.825m	PERMITTED PLOT RATIO	= 2.5 (UNDER LEASE) 8.0 (UNDER B(P/R))
PERMITTED PLOT RATIO	= 8.0 (UNDER B(P/R))	PERMITTED SITE COVERAGE	= 89% (UNDER B(P/R))
PERMITTED SITE COVERAGE	= 89% (UNDER B(P/R))	ACTUAL GROSS FLOOR AREA	= 2347.116 m ² (REFER TO DWG. NO. HA747A/G09 UNDER THIS SUBMISSION)
ACTUAL GROSS FLOOR AREA	= 216,700 m ² (REFER TO DWG. NO. HA747A/G09 UNDER THIS SUBMISSION)	ACTUAL GROSS FLOOR AREA	= 2347.116 m ² (REFER TO DWG. NO. HA747A/G11 UNDER THIS SUBMISSION)
ACTUAL SITE COVER AREA	= 2308,300 m ² (REFER TO DWG. NO. HA747A/G10 UNDER THIS SUBMISSION)	ACTUAL SITE COVER AREA	= 1717,707 m ² (REFER TO DWG. NO. HA747A/G11 UNDER THIS SUBMISSION)
ACTUAL PLOT RATIO	= 0.411 < 2.5	ACTUAL PLOT RATIO	= 0.721 < 2.5
ACTUAL SITE COVERAGE	= 35.4% < 89%	ACTUAL SITE COVERAGE	= 20.9% < 89%

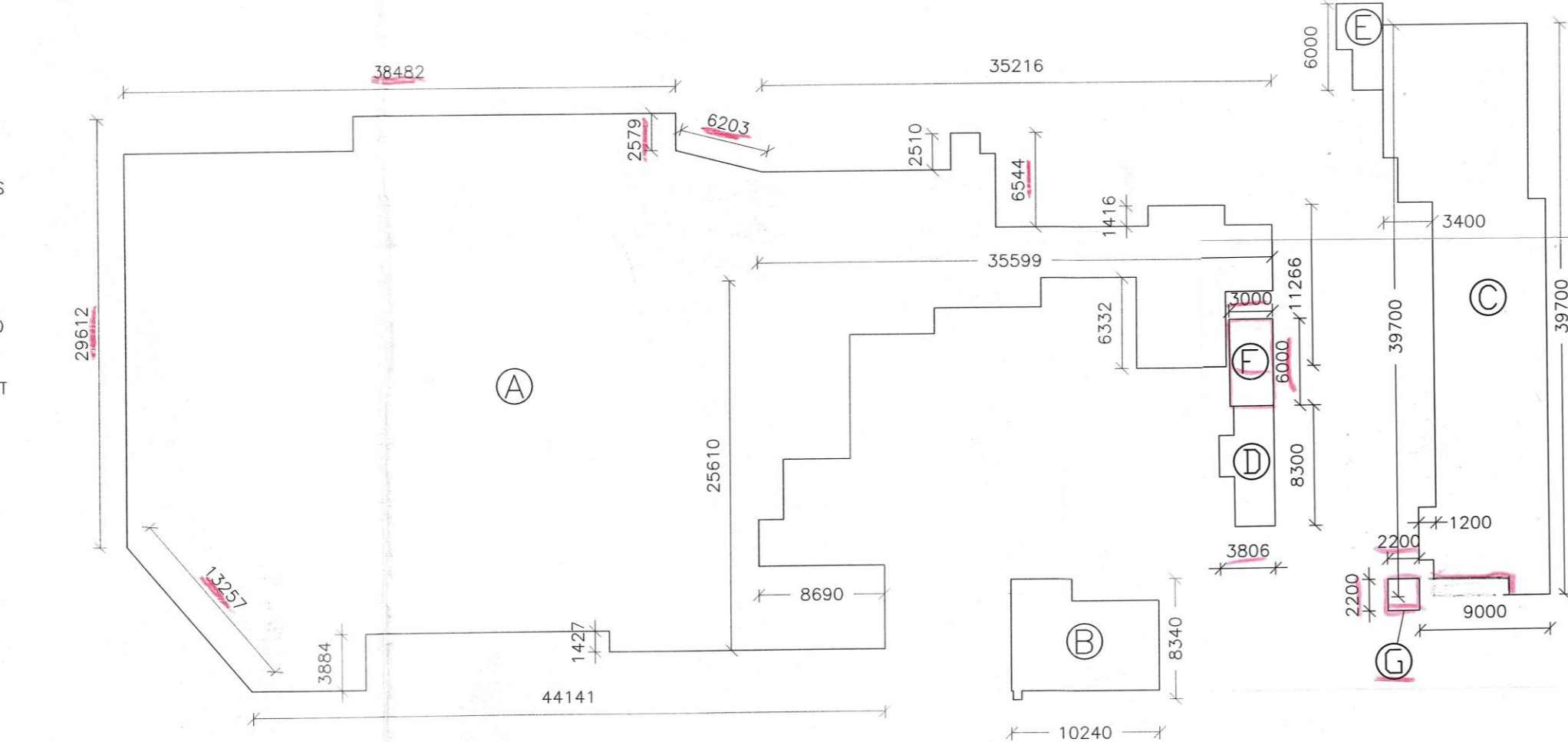
FIRE SERVICE NOTES:

- THE F.S. INSTALLATION SHOULD FULLFILL THE FSD'S REQUIREMENT INCLUDING CODE OF PRACTICE FOR MINIMUM FIRE SERVICES INSTALLATION AND EQUIPMENTS (EDITION APRIL 2012) AND F.S. CIRCULAR LETTER NO.4/2012.
- PORTABLE FIRE EXTINGUISHER AND SAND BUCKETS ARE PROVIDED AT THE LOCATION AS SHOWN ON THE DRAWING.
- EVA SIGN SHALL BE IN ACCORDANCE WITH CODE OF PRACTICE FOR FIRE SAFETY IN BUILDING 2011.
- MANUAL OPERATED FIRE ALARM SYSTEM SHALL BE PROVIDED THROUGHOUT THE SITE AND INCORPORATED IN THE HOSE REEL INSTALLATION. ONE ACTUATING POINT AND ONE AUDIO WARNING DEVICE TO BE LOCATED ADJACENT TO EACH HOSE REEL. VISUAL ALARM SIGNALS SHALL BE PROVIDED WHERE NECESSARY IN ACCORDANCE WITH BARRIER FREE ACCESS 2008 AND FSD CIRCULAR LETTER 2/2012. THIS ACTUATING POINT SHALL INCLUDE FACILITIES FOR FIRE PUMP START AND AUDIO VISUAL WARNING DEVICE INITIATION.
- THE CONTROLS AND ANNUNCIATOR PANELS OF FIRE SERVICE SYSTEM TO BE TERMINATED IN A "F.S. CONTROL PANEL" INSIDE THE FIRE CONTROL CENTRE.
- A 2000 LITERS F.S. WATER TANK SHALL BE PROVIDED FOR FIRE HOSE REEL SYSTEM. SEA WATER IS FED TO THIS WATER TANK OF HOSE REEL SYSTEM FROM CITY MAIN.
- A DUTY AND A STANDBY FIRE SERVICE PUMPS FOR HOSE REEL SYSTEM WILL BE PROVIDED AT ROOF OF LABORATORY.
- HOSE REELS WITH HOSE REEL TUBING BY A LENGTH OF NOT MORE THAN 30 METERS IN LENGTH WILL BE PROVIDED AT THE POSITION AS INDICATED ON PLANS AND NO FIRE HYDRANT TO BE PROVIDED FOR THE BUILDINGS.
- EVERY PART OF THE SITE IS WITHIN THE REACH OF A 30M HOSE REEL TUBING. NO HOSE REEL IS PROVIDED FOR MIXING TOWER AND AGGREGATE SILOS. HOT MIX STORAGE BIN.
- THE SECONDARY POWER SUPPLY SHALL BE PROVIDED BY EMERGENCY GENERATOR FOR FSJ LOADING EQUIPMENT.
- FIRE DETECTION SYSTEM SHALL BE PROVIDED FOR TRANSFORMER ROOM, SWITCH ROOM, FIRE CONTROL CENTRE, CONTROL ROOM, F.S. HOSE REEL PUMP ROOM, SPRINKLER & STREET FIRE HYDRANT PUMP ROOM & PUMP ROOM. ONLY IN ACCORDANCE WITH BS 5839-1:2002+42:2008 AND THE FSD CIRCULAR LETTER 1/2009 AND 3/2010.
- NO FIRE DETECTION SYSTEM FOR MIXING TOWER DIESEL OIL TANK, AGGREGATE SILOS.
- ASPHALT PLANT:
 - EMERGENCY LIGHTING SHALL BE PROVIDED THROUGHOUT THE SITE AND ALL EXIT ROUTES LEADING TO GROUND LEVEL IN ACCORDANCE WITH BS EN 5266:PART1:2011 AND BS EN 1838:2013.
 - ALL LININGS FOR ACOUSTIC, THERMAL INSULATION AND DECORATIVE PURPOSES WITHIN PROTECTED MEANS OF ESCAPE SHALL BE OF CLASS 1 OR 2 RATE OF SURFACE SPREAD OF FLAME AS PER BRITISH STAND 476 - PART 7 OR ITS INTERNATIONAL EQUIVALENT, OR BE BROUGHT UP TO THAT STANDARD BY USE OF AN APPROVED RETARDANT PRODUCT.
 - THE STREET HYDRANTS SHALL BE OF STANDARD PEDESTAL TYPE EACH CAPABLE OF DELIVERING A MINIMUM OF 2000 LITERS PER MINUTE WITH A MINIMUM RUNNING PRESSURE OF 170KPa AT ONE 65mm OUTLET. FOR ALL PRACTICAL PURPOSES, A TOTAL OUTPUT OF NOT LESS THAN 4000 LITERS PER MINUTE SHOULD BE MADE FROM TWO 65mm OUTLETS OF A SYSTEM DELIVERING AT THE SAME TIME BY STREET HYDRANT.
 - THE STREET HYDRANTS, AS MARKED ON THE BUILDING PLAN, SHALL BE SUPPLIED WITH SEA WATER FROM DUTY & STANDBY PUMPS AT ROOF OF LABORATORY. 1 NO. 245m³ STREET HYDRANT WATER TANK SHALL BE PROVIDED AT ROOF OF LABORATORY.
 - FIRE CONTROL CENTRE SHALL BE PROVIDED AS INDICATED ON PLAN.
 - ANY INTENDED STORAGE OR USE OF DANGEROUS GOODS AS DEFINED IN CHAPTER 295 OF THE LAWS OF HONG KONG SHOULD BE NOTIFIED TO THE DIRECTOR OF FIRE SERVICE.
 - THE F.S. STANDARD REQUIREMENT FOR TRANSFORMER ROOM TO BE COMPLIED WITH CLP REQUIREMENT.
 - SUFFICIENT EXIT SIGN SHALL BE PROVIDED IN ACCORDANCE WITH F.S.D. CIRCULAR LETTER NO. 5/2008.
 - DIRECT TELEPHONE LINE SHALL BE PROVIDED TO THE FIRE SERVICE COMMUNICATION CENTER.
 - WHEN A VENTILATION/AIR CONDITIONING CONTROL SYSTEM TO A BUILDING IS PROVIDED, IT SHALL STOP MECHANICALLY INDUCED AIR MOVEMENT WITHIN A DESIGNATED FIRE COMPARTMENT. NO SMOKE EXTRACTION SYSTEM SHALL BE PROVIDED FOR LABORATORY AND CONTROL ROOM AS NO FIRE COMPARTMENT EXCEED 7000 m³.
 - NO SMOKE EXTRACTION SYSTEM SHALL BE PROVIDED FOR STORAGE SHED AS THE AGGREGATE AREA OF OPENABLE WINDOWS OF THE COMPARTMENT EXCEED 6.25% OF THE FLOOR AREA OF THAT COMPARTMENT.
 - AN AUTOMATIC SPRINKLER SYSTEM WILL BE PROVIDED IN ACCORDANCE WITH LPC RULE INCORPORATING WITH BS EN 12845 AND FSD CIRCULAR LETTER 3/2012 AND FSD CIRCULAR LETTER 3/2006. THE DESIGN CLASSIFICATION IS ORDINARY HAZARD GROUP I SHALL BE PROVIDED LABORATORY & STORAGE SHED.
 - A 37 CU. M. SPRINKLER TANK TO BE PROVIDED AT ROOF OF LABORATORY.
 - A DUTY AND STANDBY SPRINKLER PUMP WILL BE PROVIDED IN SPRINKLER & STREET HYDRANT PUMP ROOM.
 - SPRINKLER INLET AND SPRINKLER CONTROL VALVE CABINET WILL BE PROVIDED AT THE POSITION AS INDICATED ON PLAN.
 - ALL SPRINKLER ALARM SIGNALS TO BE TRANSMITTED TO THE FS CONTROL PANEL (SPRINKLER ANNUNCIATOR PANEL) LOCATED AT FIRE CONTROL CENTRE AND TO BE LINKED TO THE F.S. COMMUNICATION CENTRE BY A DIRECT TELEPHONE LINE.
 - INDIVIDUAL FIRE ALARM SHALL BE PROVIDED.
 - THE WATER SUPPLY TEE-OFF FROM EXISTING FIRE SERVICES TOWN MAIN.

EVA PLAN (1:500)



BUILDING PERIMETER DIAGRAM:



BUILDING PERIMETER CALCULATION:

- (A) STORAGE SHED, MAIN PLANT & AGGREGATE SILOS: 38.43+2.58+6.20+35.22+2.51+6.54+1.42+11.27+6.33+35.80+25.61+8.69+44.14+1.43+3.88+13.26+29.61=272.77m
- (B) DIESEL TANK: (10.24+8.34)x2=37.16m
- (C) LABORATORY & GUARD ROOM & TRANSFORMER ROOM & SWITCH ROOM & F.S. PUMP ROOMS & FIRE CONTROL CENTRE & EMERGENCY GENSET ROOM & F.S. WATER TANKS & SEWAGE TREATMENT PLANT: 39.70+11.20+9.00+3.40+1.20+39.70=104.20m
- (D) CONTROL ROOM: (8.30+3.81)x2=24.22m
- (E) 30T WATER TANK (PORTABLE), PUMP ROOM AND 2000L WATER TANK (GRP): (3.20+6.00)x2=18.40m
- (F) ELECTRIC CABINET: (3.0+6.0)x2=18.00m
- (G) MOBILE ACCESSIBLE TOILET: (2.20+2.20)x2=8.80m

FIRE RESISTANCE FOR ELEMENTS OF CONSTRUCTION

ITEM	LOCATION	CLASS	COMPARTMENT OF BUILDING	F.R.R. REQUIRED	MINIMUM DIMENSION OF ELEMENTS OF CONSTRUCTION (mm)										REMARK
					WALLS CONSTRUCTED WHOLLY OF NON-COMBUSTIBLE R.C. WALLS WITH MORE THAN 1% VERTICAL REINFORCEMENT		STEEL (MINIMUM DIMENSION)		REINFORCED CONCRETE (MINIMUM DIMENSION)		BEAMS & COLUMNS		FLOOR & LANDINGS		
THICKNESS	COVER TO MAIN REINFORCEMENT	BEAM	COLUMN (mass per metre not less than 45kg)	WIDTH OF BEAM	CONCRETE COVER TO MAIN REINFORCEMENT	COLUMN THICKNESS	CONCRETE COVER TO MAIN REINFORCEMENT	THICKNESS OF CONCRETE	CONCRETE COVER TO ALL REINFORCEMENT	THICKNESS OF CONCRETE	CONCRETE COVER TO ALL REINFORCEMENT				
1	ASPHALT PLANT	N/A	538.75	N/A	N/A	-	-	-	-	-	-	-	-	According to APP. 120 Requirements for FRC will be waived	
2	AGGREGATE SILOS	N/A	370.35	N/A	N/A	-	-	-	-	-	-	-	-	Unprotected as single storey building not exceeding 7000m ³	
3	STORAGE SHED	N/A	807.070	N/A	N/A	-	-	-	-	-	-	-	-		
4	CONTROL ROOM	N/A	25.87	77.48	N/A	-	-	-	-	-	-	-	-		
5	TRANSFORMER ROOM & SWITCH ROOM & FIRE CONTROL CENTRE	8	110.43	648.776	120	100	25	50	50	200	300 FOR FULLY EXPOSED, 200 FOR 50% EXPOSED, 140 FOR ONE FACE EXPOSED	35 FOR FULLY EXPOSED, 25 FOR 50% EXPOSED, 25 FOR ONE FACE EXPOSED	125	35 FOR SIMPLY SUPPORTED, 25 FOR CONTINUOUS	
6	F.S. HOSE REEL PUMP ROOM & EMERGENCY GENSET ROOM	8	49.08	171.780	120	100	25	50	50	200	300 FOR FULLY EXPOSED, 200 FOR 50% EXPOSED, 140 FOR ONE FACE EXPOSED	35 FOR FULLY EXPOSED, 25 FOR 50% EXPOSED, 25 FOR ONE FACE EXPOSED	125	35 FOR SIMPLY SUPPORTED, 25 FOR CONTINUOUS	
7	LABORATORY	6A	198.834	695.905	120	100	25	50	50	200	300 FOR FULLY EXPOSED, 200 FOR 50% EXPOSED, 140 FOR ONE FACE EXPOSED	35 FOR FULLY EXPOSED, 25 FOR 50% EXPOSED, 25 FOR ONE FACE EXPOSED	125	35 FOR SIMPLY SUPPORTED, 25 FOR CONTINUOUS	
8	GUARD ROOM	4A	7.5	26.25	120	100	25	50	50	200	300 FOR FULLY EXPOSED, 200 FOR 50% EXPOSED, 140 FOR ONE FACE EXPOSED	35 FOR FULLY EXPOSED, 25 FOR 50% EXPOSED, 25 FOR ONE FACE EXPOSED	125	35 FOR SIMPLY SUPPORTED, 25 FOR CONTINUOUS	
9	F.S. SPRINKLER & STREET FIRE HYDRANT PUMP ROOM	8	39	161.850	120	100	25	50	50	200	300 FOR FULLY EXPOSED, 200 FOR 50% EXPOSED, 140 FOR ONE FACE EXPOSED	35 FOR FULLY EXPOSED, 25 FOR 50% EXPOSED, 25 FOR ONE FACE EXPOSED	125	35 FOR SIMPLY SUPPORTED, 25 FOR CONTINUOUS	

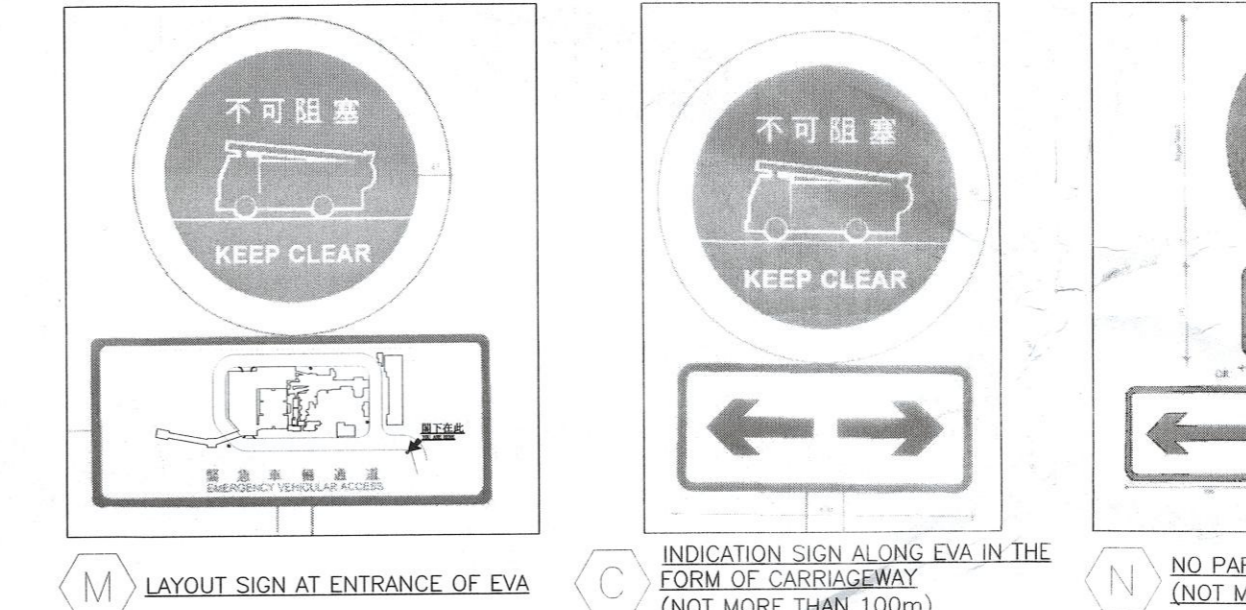
MODIFICATIONS/EXEMPTIONS GRANTED and AMENDMENT TO LOCATION (if any) IN THE CURRENT SUBMISSION

Description	Condition	Location with Modification/Exemption Granted	Date of Submission	Rev.	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1. Building (Planning) Regulation 36 to permit the omission of natural lighting and ventilation for the toilets at G/F.	Artificial lighting and mechanical ventilation at a rate of not less than 10 ACH to be provided to the satisfaction of the Building Authority.	Toilets at G/F	14/03/2022	1							
2. Building (Planning) Regulation 41(1) to permit the non-provision of EVA for the proposed Hopper and Receiving Hopper (from Barge).	2. Fresh air intake complying the requirements set out in Annex 2 of PNAP APP-2 to be provided. 1. The fire service installations and water supplies for firefighting being provided to the satisfaction of Fire Services.	Hopper and Receiving Hopper (from Barge) at G/F.	14/03/2022	1							

LEGEND: # FIRST GRANTED ✓ STILL APPLICABLE ✗ NOT APPLICABLE

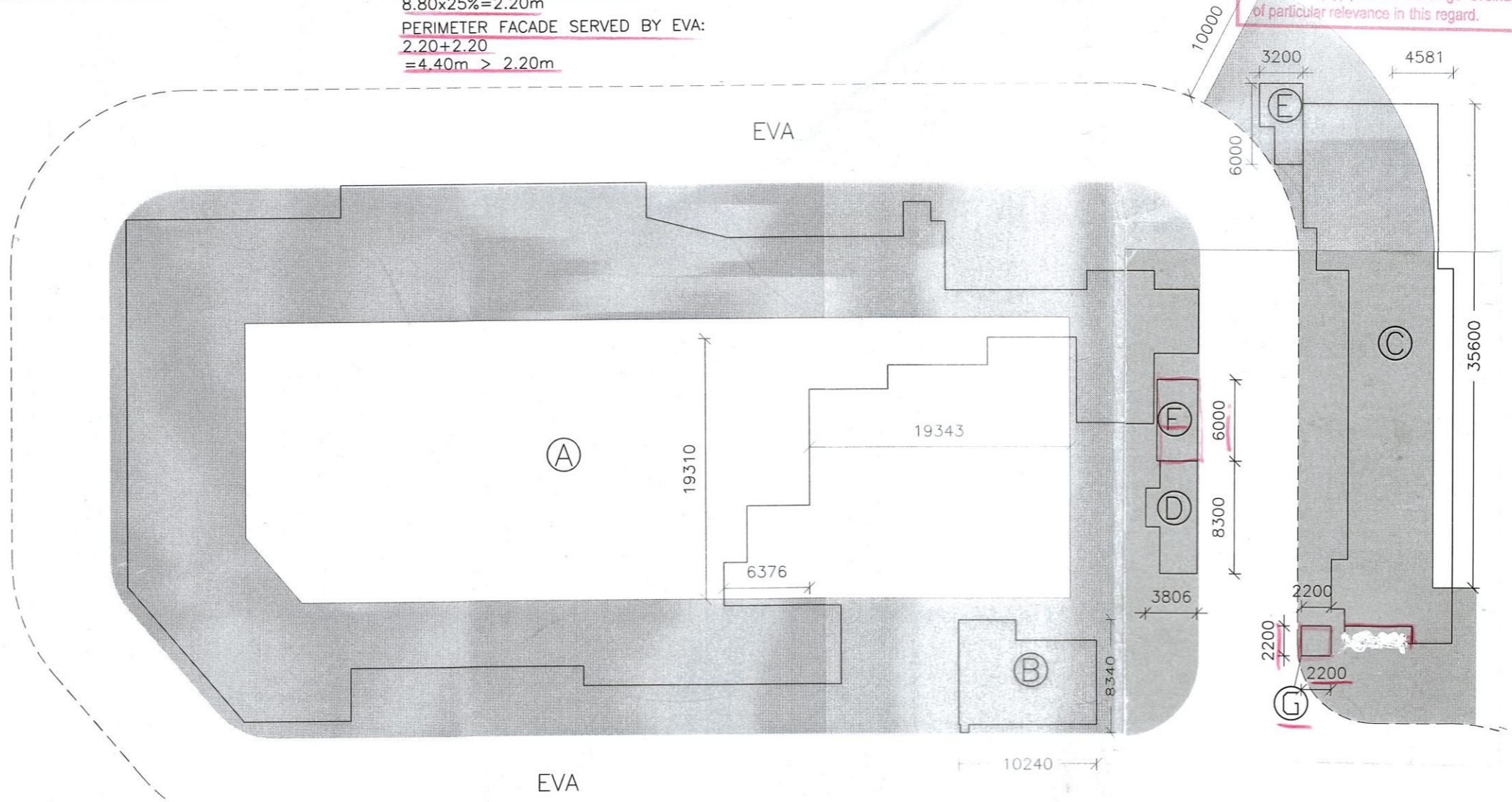
NOTES FOR EVA:

- UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN mm AND ALL LEVELS ARE IN mPD.
- UNLESS OTHERWISE STATED, ALL DIMENSIONS AND LEVELS ARE FINISH LEVELS.
- EVA SHALL COMPLY WITH CODE OF PRACTICE FOR FIRE SAFETY IN BUILDINGS 2011.
- MINIMUM WIDTH OF EVA = 7.3m
- EVA SHALL BE PAVED AND ADEQUATE TO SUPPORT 30,000KG FIRE ENGINES.
- GRADIENT OF EVA IS LESS THAN 1:10.
- THE CLEAR HEADROOM OF NOT LESS THAN 4.5m IS MAINTAINED.



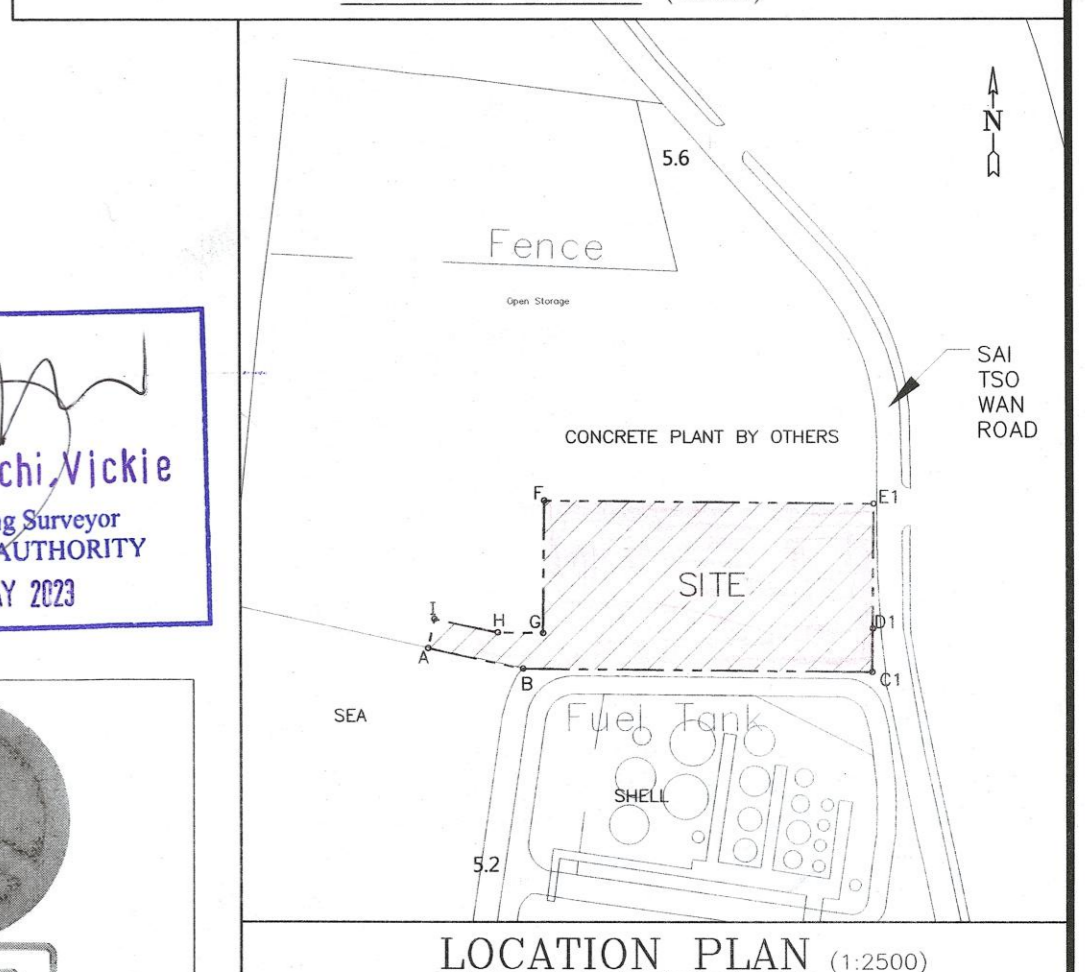
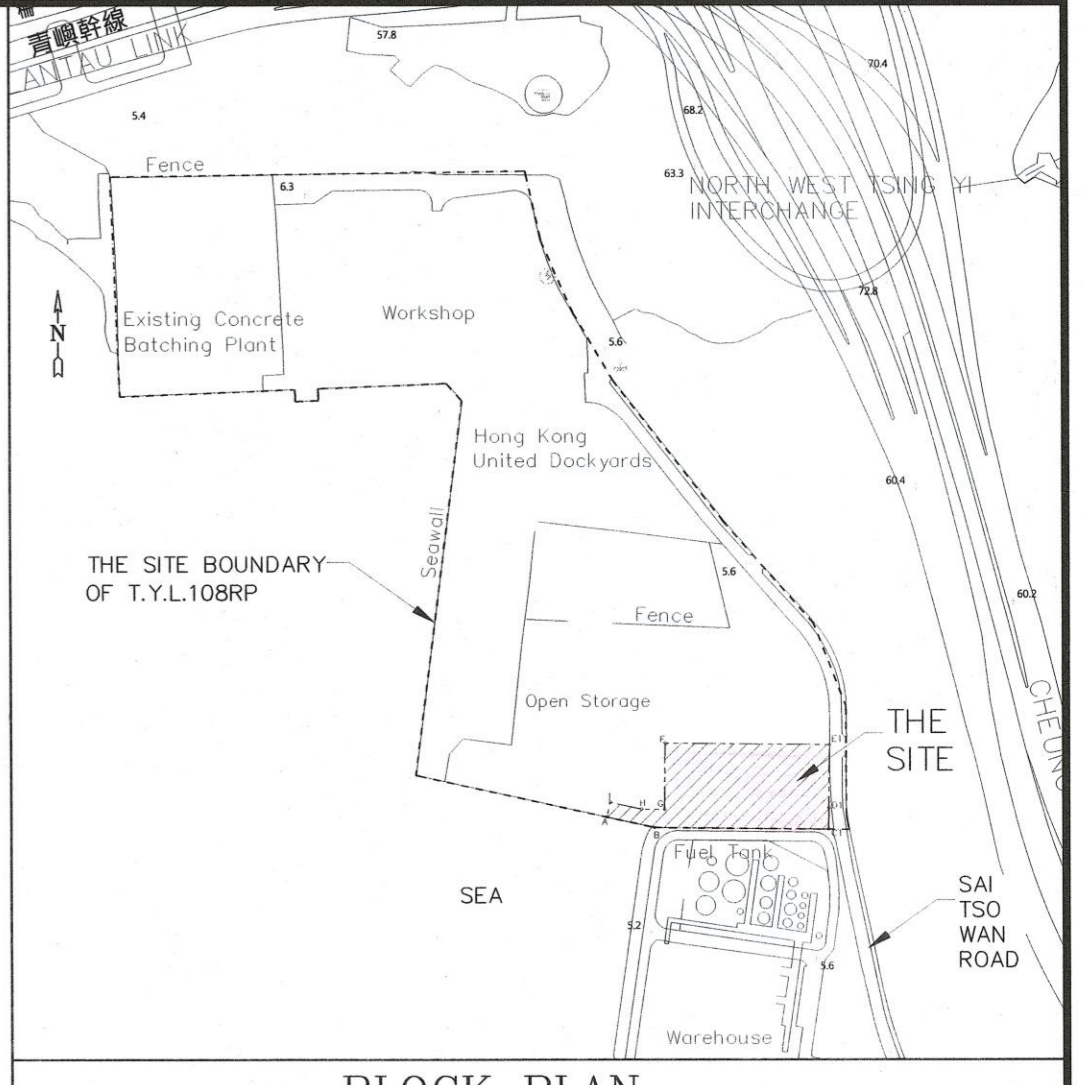
- (M) LAYOUT SIGN AT ENTRANCE OF EVA: PERIMETER FACADE REQUIRED: 18.00x25%=4.50m. PERIMETER FACADE SERVED BY EVA: =6.00m > 4.50m.
- (N) MOBILE ACCESSIBLE TOILET: PERIMETER FACADE REQUIRED: 8.80x25%=2.20m. PERIMETER FACADE SERVED BY EVA: 2.20+2.20 =4.40m > 2.20m.

EVA DIAGRAM:



EVA CALCULATION OF PERIMETER FACADE:

- (A) STORAGE SHED, MAIN PLANT & AGGREGATE SILOS: PERIMETER FACADE REQUIRED: 272.77x25%=68.19m. PERIMETER FACADE SERVED BY EVA: 272.77-19.34-19.31-6.38 =227.74m > 68.19m. PERCENTAGE OF PERIMETER FACADE SERVED BY EVA: 227.74/272.77x100%=83.49% > 25% ok.
- (B) DIESEL TANK: PERIMETER FACADE REQUIRED: 37.16x25%=9.29m. PERIMETER FACADE SERVED BY EVA: 37.16-10.24 =26.92m > 9.29m. PERCENTAGE OF PERIMETER FACADE SERVED BY EVA: 26.92/37.16x100%=72.4% > 25% ok.
- (C) LABORATORY & GUARD ROOM & TRANSFORMER ROOM & SWITCH ROOM & F.S. PUMP ROOMS & FIRE CONTROL CENTRE & EMERGENCY GENSET ROOM & F.S. WATER TANKS & SEWAGE TREATMENT PLANT: PERIMETER FACADE REQUIRED: 104.20x25%=26.05m. PERIMETER FACADE SERVED BY EVA: 104.20-35.6-4.58 =64.02m > 26.05m. PERCENTAGE OF PERIMETER FACADE SERVED BY EVA: 64.02/104.20x100%=61.44% > 25% ok.



- (D) CONTROL ROOM: PERIMETER FACADE REQUIRED: 24.22x25%=6.06m. PERIMETER FACADE SERVED BY EVA: 24.22-8.30 =15.92m > 6.06m. PERCENTAGE OF PERIMETER FACADE SERVED BY EVA: 15.92/24.22x100%=65.73% > 25% ok.
- (E) 30T WATER TANK (PORTABLE), PUMP ROOM & 2000L WATER TANK (GRP): PERIMETER FACADE REQUIRED: 18.40x25%=4.60m. PERIMETER FACADE SERVED BY EVA: 18.40-9.20 =9.20m > 4.60m. PERCENTAGE OF PERIMETER FACADE SERVED BY EVA: 9.20/18.40x100%=50% > 25% ok.

SIU Koon Hoi Carmine
Authorized Person
Registered Structural Engineer
Registered Geotechnical Engineer

TYPE II WORKS
THE WORKS UNDER THIS PERMIT ARE OF TYPE II WORKS (BUILDING AREA AMENDMENT) UNDER THE BUILDING (CONSTRUCTION) REGULATIONS OF THE BUILDING (CONSTRUCTION) REGULATIONS.

Date	Rev.	Description	Design	Drawn	Chk'd	App'd
04/23	D	3rd Amendment	ArC	ArC	WT	WT
06/22	C	BD APPROVED ON 14 JUN 2022	ArC	ArC	WT	WT
05/22	C	2nd Amendment	ArC	ArC	WT	WT
06/20	-	1st submission	RW	RW	William	William

HONGKONG UNITED DOCKYARDS LIMITED

ASPHALT PLANT IN TYTL 108 RP

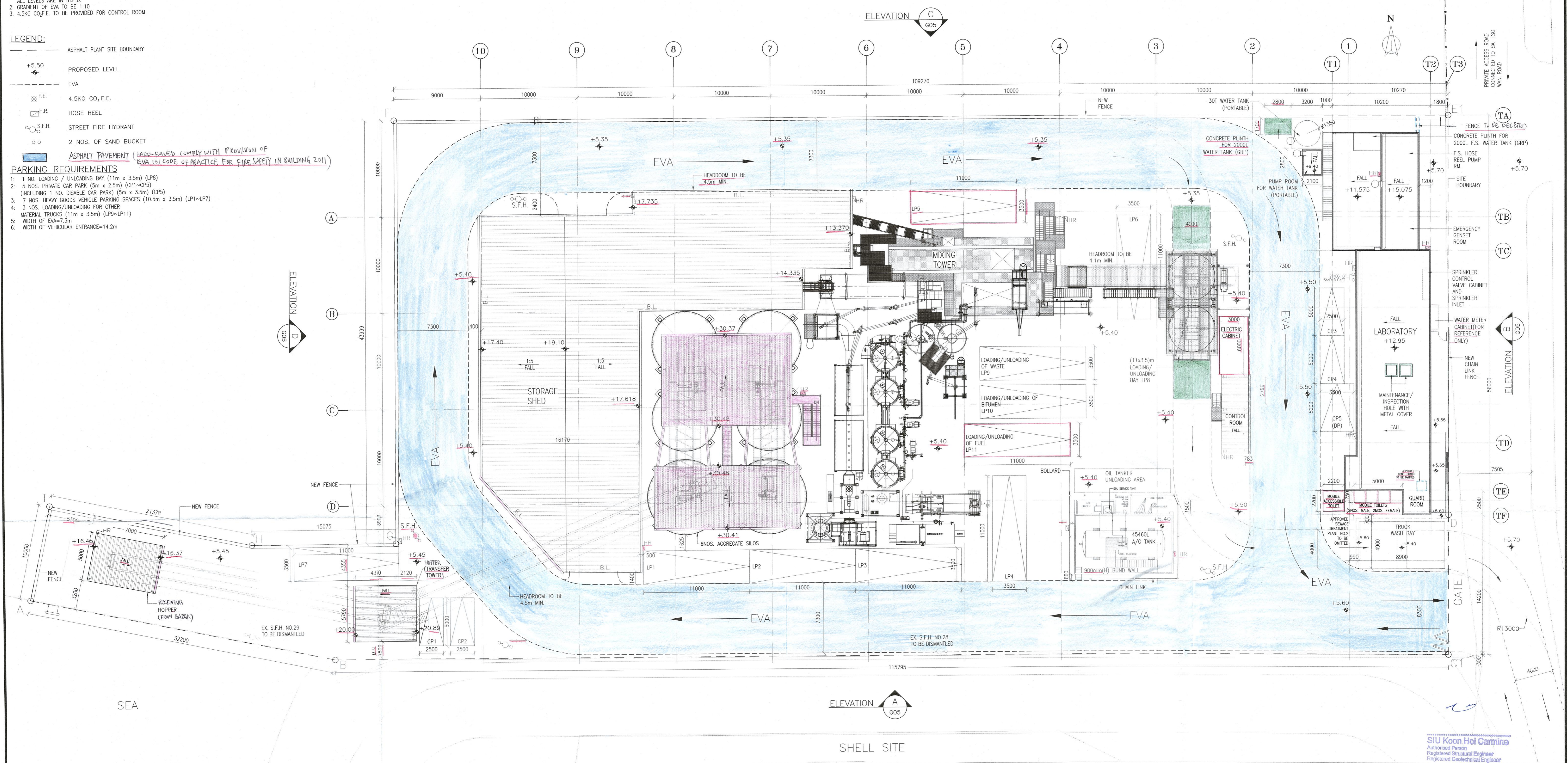
LOCATION PLAN, NOTES, SCHEDULES, EMERGENCY VEHICULAR ACCESS LAYOUT, DETAIL AND FACADE CALCULATION

Contract No.: - Drawing No.: HA747A/G01(D)

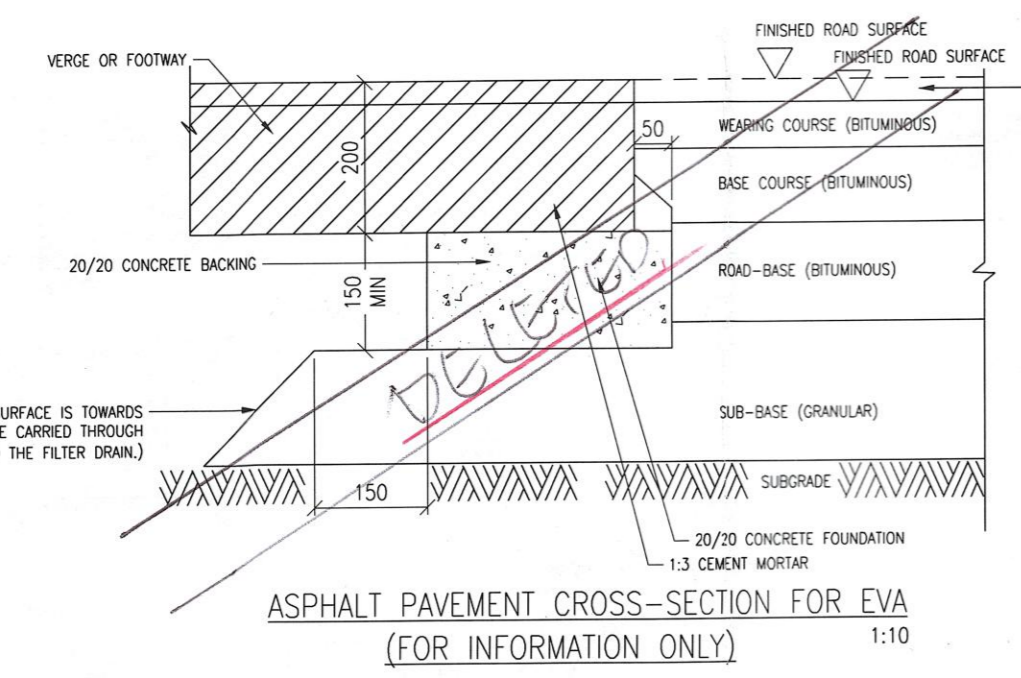
MAURICE LEE & ASSOCIATES LIMITED
李榮護建築工程師事務所有限公司

GENERAL NOTES:
 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN mm AND ALL LEVELS ARE IN m.P.D.
 2. GRADIENT OF EVA TO BE 1:10
 3. 4.5KG CO₂F.E. TO BE PROVIDED FOR CONTROL ROOM

- LEGEND:**
- ASPHALT PLANT SITE BOUNDARY
 - +5.50 PROPOSED LEVEL
 - EVA EVA
 - 4.5KG CO₂F.E.
 - HOSE REEL
 - STREET FIRE HYDRANT
 - 2 NOS. OF SAND BUCKET
 - ASPHALT PAVEMENT (HEAD-PAVED COMPLY WITH PROVISION OF EVA IN CODE OF PRACTICE FOR FIRE SAFETY IN BUILDING 2011)
- PARKING REQUIREMENTS**
- 1: 1 NO. LOADING / UNLOADING BAY (11m x 3.5m) (LP8)
 - 2: 5 NOS. PRIVATE CAR PARK (5m x 2.5m) (CP1-CP5) (INCLUDING 1 NO. DISABLE CAR PARK)
 - 3: 7 NOS. HEAVY GOODS VEHICLE PARKING SPACES (10.5m x 3.5m) (LP1-LP7)
 - 4: 3 NOS. LOADING/UNLOADING FOR OTHER MATERIAL TRUCKS (11m x 3.5m) (LP9-LP11)
 - 5: WIDTH OF EVA=7.3m
 - 6: WIDTH OF VEHICULAR ENTRANCE=14.2m



MASTER LAYOUT PLAN (1:200)



Note: This plan has been processed on a curtailed check basis under the centralized processing system as promulgated in FIAP ADM-19. The duties of the authorized person, registered structural engineer and/or registered geotechnical engineer concerned as specified under section 4(3)(b) and the provision of section 14(2)(c) of the Buildings Ordinance are of particular relevance in this regard.

Plan Approved
WONG Wing-chi, Vickie
 Senior Building Surveyor
 for BUILDING AUTHORITY
 24 MAY 2023

Date	Rev.	Description	Design	Drawn	Ch'g	App'd
04/23	D	3rd Amendment	ARC	ARC	WT	WT
06/22	C	BD APPROVED ON 14 JUN 2022	ARC	ARC	WT	WT
05/22	C	2nd Amendment	ARC	ARC	WT	WT
			ARC	ARC	WT	WT
			ARC	ARC	WT	WT
06/20	-	1st Issue	RW	RW	William	William

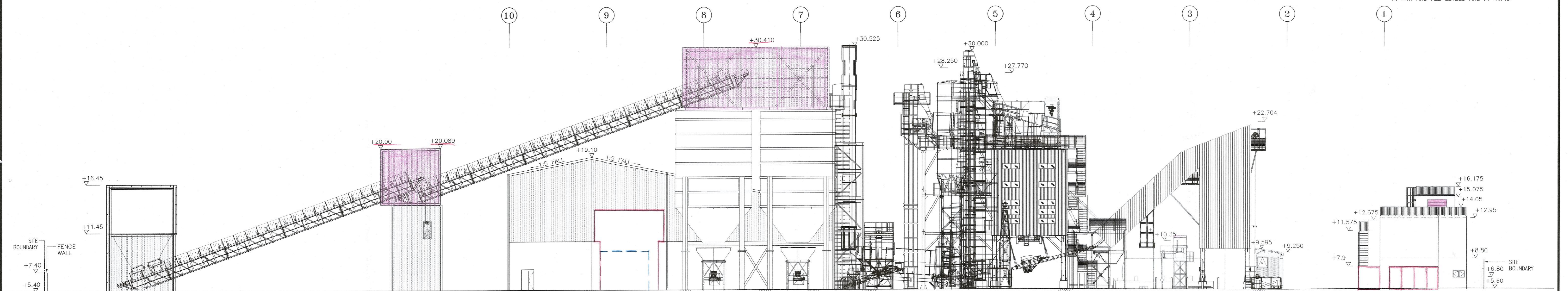
Scale: 1:200 @ A1 SIZE	
HONGKONG UNITED DOCKYARDS LIMITED	
ASPHALT PLANT IN TYTL 108 RP	
MASTER LAYOUT PLAN	
Contract No.:	Drawing No.:
File Name:	HA747A/G02(D)
HA747A-G02(D)-230417(3).DWG	

TYPE II WORKS
 THE WORKS SHOWN ON THIS PLAN ARE FOR THE PURPOSE OF FAST TRACK CONSTRUCTION UNDER REGULATION 33 OF THE BUILDING ORDINANCE (CAP 123B)

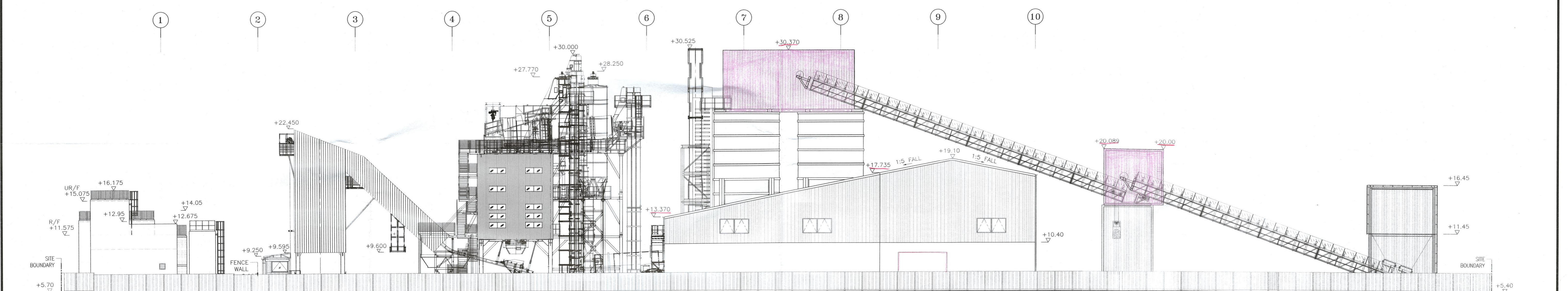
MAURICE LEE & ASSOCIATES LIMITED
 李榮堯建築工程師事務所有限公司

RECEIVED BY
 2023 APR 25 P. 15
 R & D Control (CDD) BUILDING DEPARTMENT

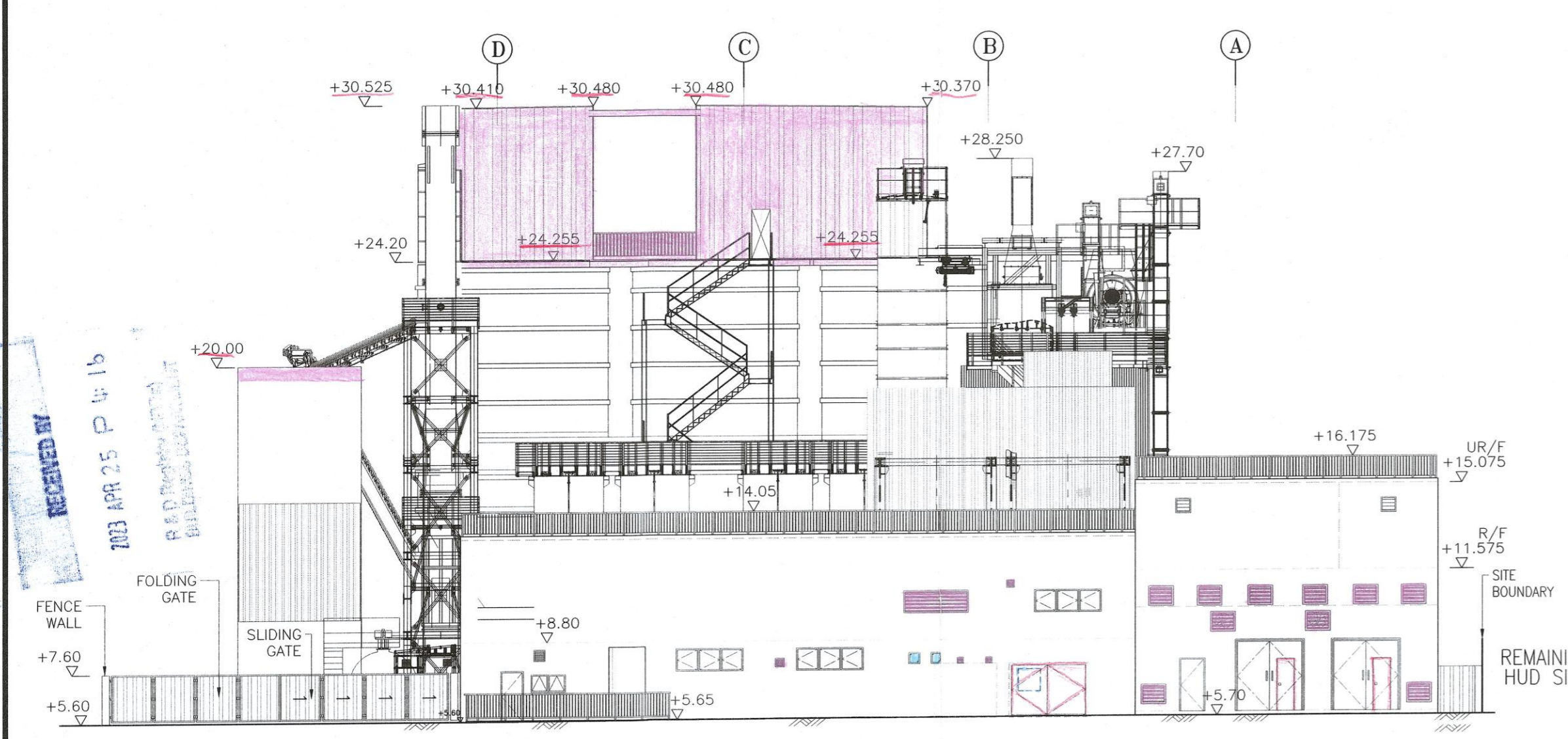
GENERAL NOTES:
 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN mm AND ALL LEVELS ARE IN m.P.D.



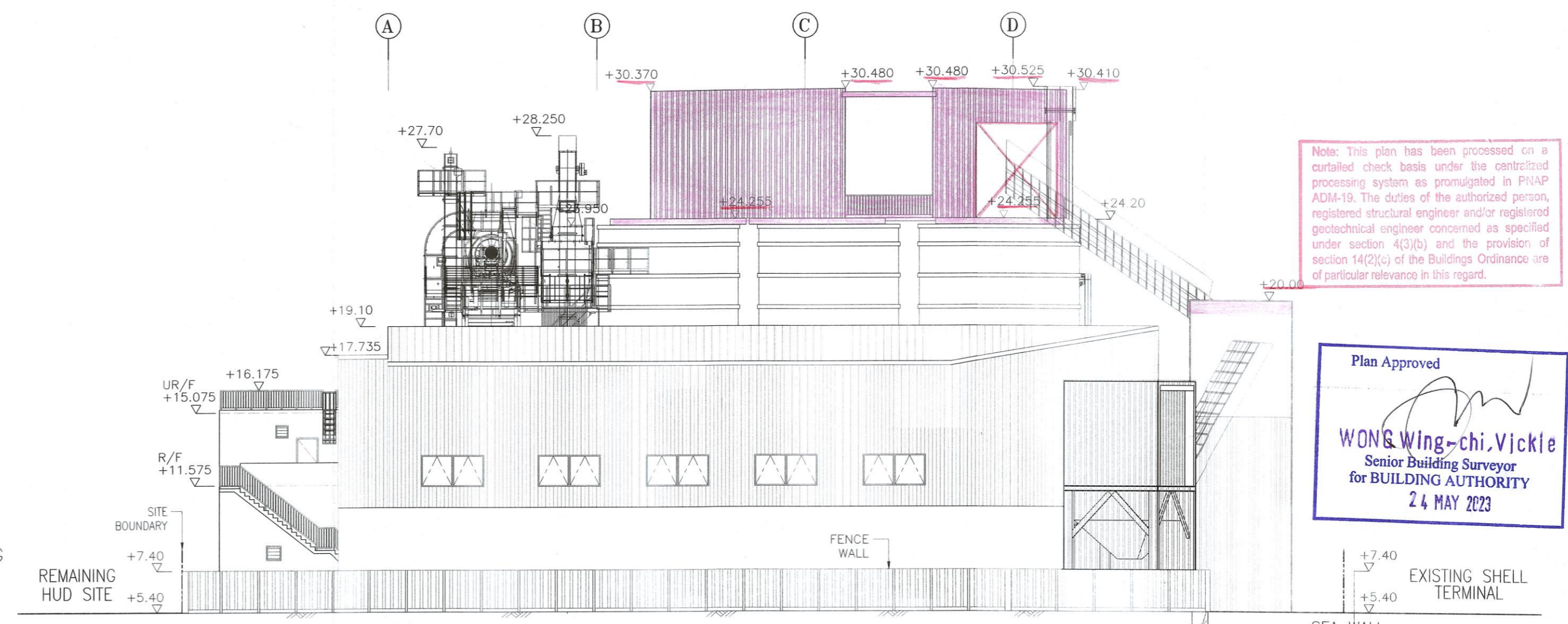
ELEVATION A (1:200)



ELEVATION C (1:200)



ELEVATION B (1:200)
 (CHAIN LINK FENCE NOT SHOWN)



ELEVATION D (1:200)

Note: This plan has been processed on a curtailed check basis under the controlled processing system as promulgated in PUAP ADM-19. The duties of the authorized person, registered structural engineer and/or registered geotechnical engineer concerned as specified under section 4(3)(b) and the provision of section 14(2)(c) of the Buildings Ordinance are of particular relevance in this regard.

Plan Approved
 WONG Wing-chi, Vickie
 Senior Building Surveyor
 for BUILDING AUTHORITY
 24 MAY 2023

SIU Koon Hoi Gamine
 Authorized Person
 Registered Structural Engineer
 Registered Geotechnical Engineer

TYPE II WORKS

THE WORKS SHOWN IN THESE PLANS ARE TYPE II WORKS (BUILDING WORKS AMENDMENT) AND THE APPLICABLE AMENDMENT IS APPLIED FOR THE PURPOSE OF FAST TRACKING THE PROJECT UNDER SECTION 33 OF THE BUILDING (ADMINISTRATIVE) REGULATIONS.

Date	Rev.	Description	Design/Drawn	CHK'd	App'd
04/23	C	3rd Amendment	ArC	ArC	WT
06/22	B	BD APPROVED ON 14 JUN 2022	ArC	ArC	WT
05/22	B	2nd Amendment	ArC	ArC	WT
01/21	-	1st Issue	ArC	ArC	WT

Scale: 1:200 @ A1 SIZE

HONGKONG UNITED DOCKYARDS LIMITED

ASPHALT PLANT IN TYTL 108 RP

MAIN ASPHALT PLANT ELEVATIONS

Contract No.: - Drawing No.: HA747A/G08(C)

File Name: HA747A-G08(C)-230417(S).DWG

MAURICE LEE & ASSOCIATES LIMITED
 李榮護建築工程師事務所有限公司

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 2023 APR 25 P 4: 16
 R.P.D. Project Office
 BUILDING AUTHORITY

CAD File: Y:\PROJECT\HA PROJECTS\HA747A-G08(C)-230417(S).DWG
 SHEET: 02 - ASPHALT PLANT IN TYTL 108 RP