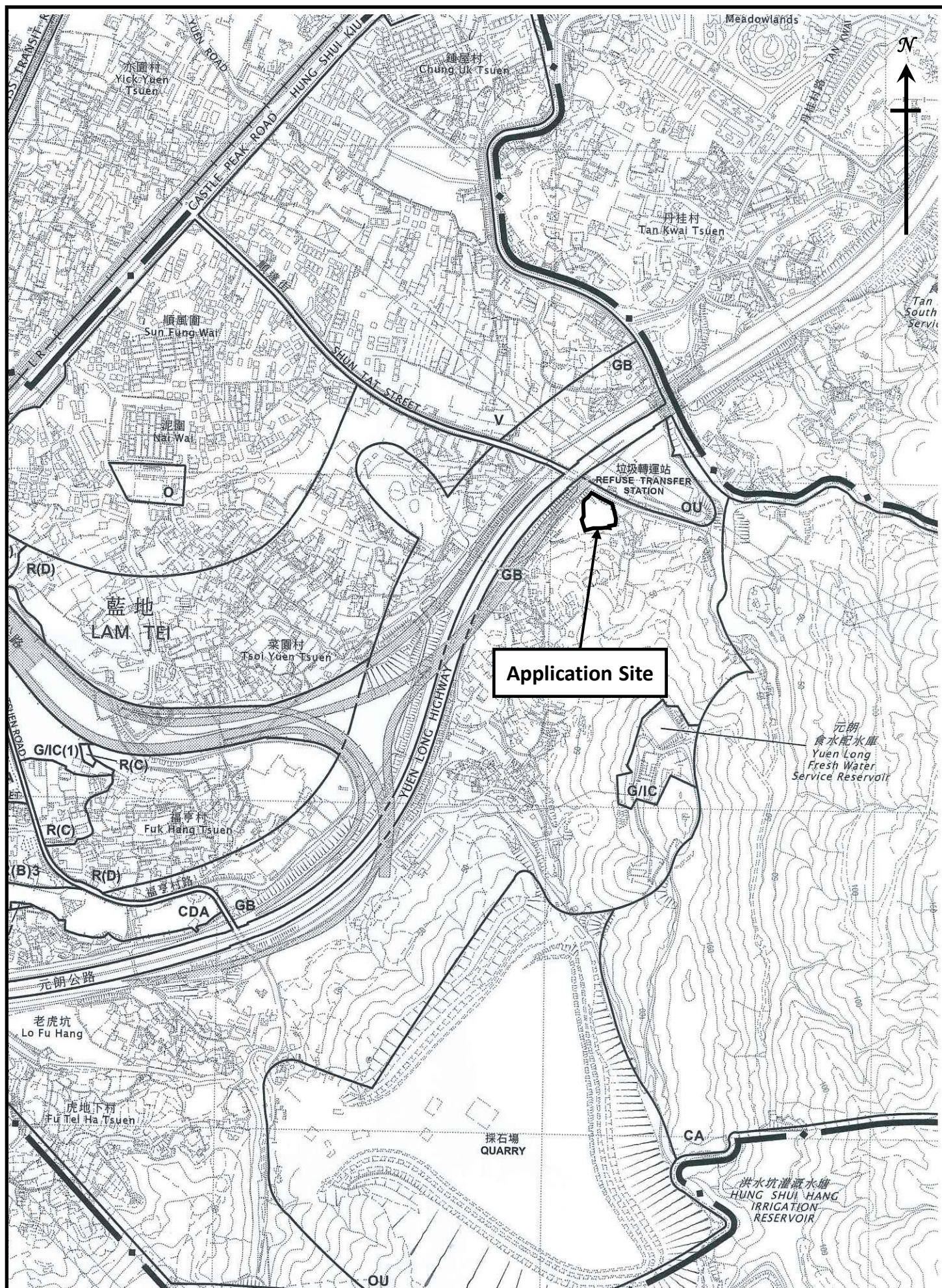


Figures

- Figure 1 Location Plan
- Figure 2 Lot Index Plan
- Figure 3 Vehicular Access to the Site
- Figure 4 Indicative Layout Plan
- Figure 5 Land Filling Plan



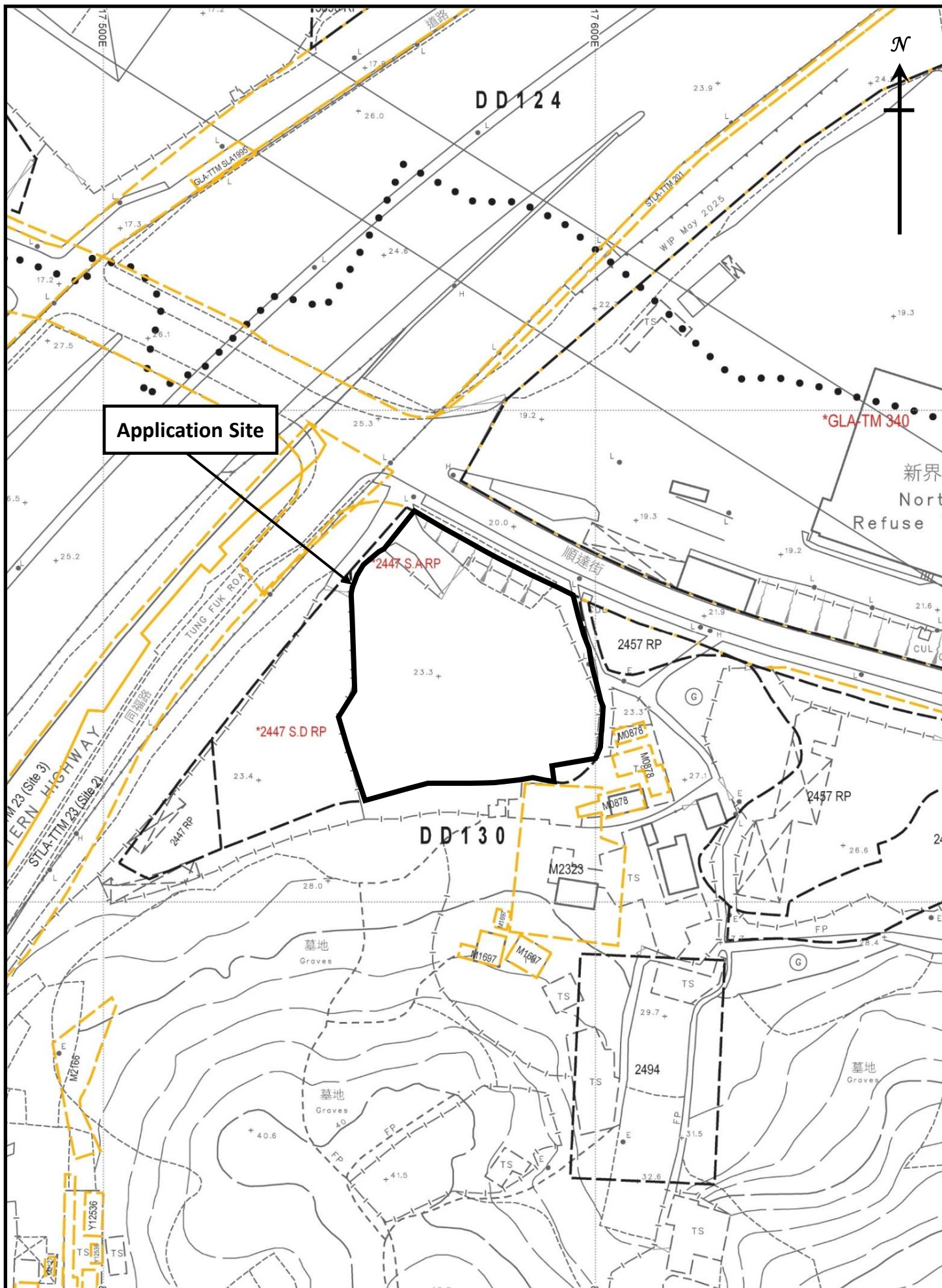
Location Plan
(Extract from Draft Lam Tei & Yick Yuen
Outline Zoning Plan No. S/TM-LTY/13)

Figure 1

1 : 7500



羅迅測計師行
Lawson David & Sung
SURVEYORS LIMITED
Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328



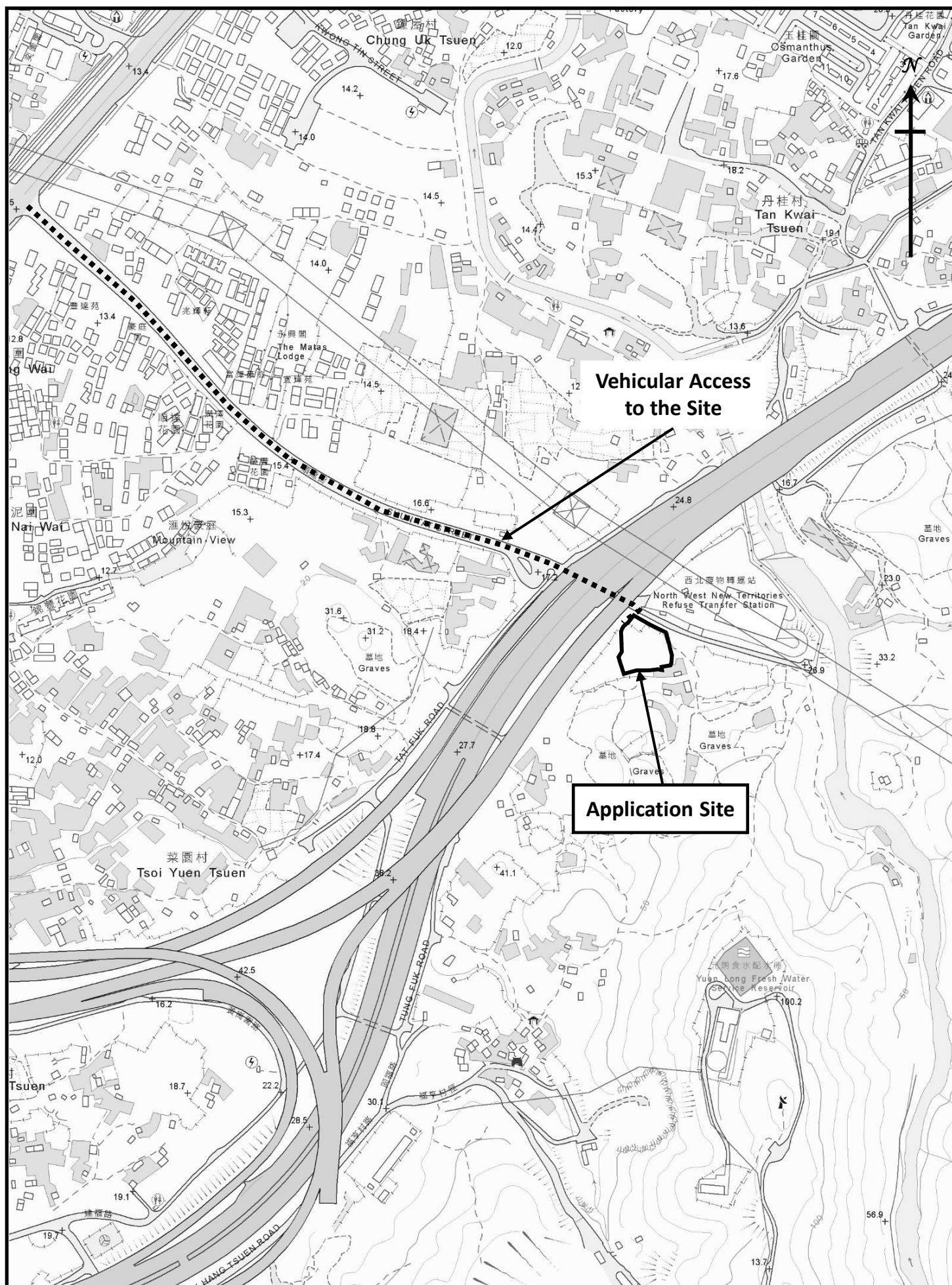
Lot Index Plan

Figure 2

1 : 1000



羅迅測計師行
Lawson David & Sung
SURVEYORS LIMITED
Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328



Vehicular Access to the Application Site

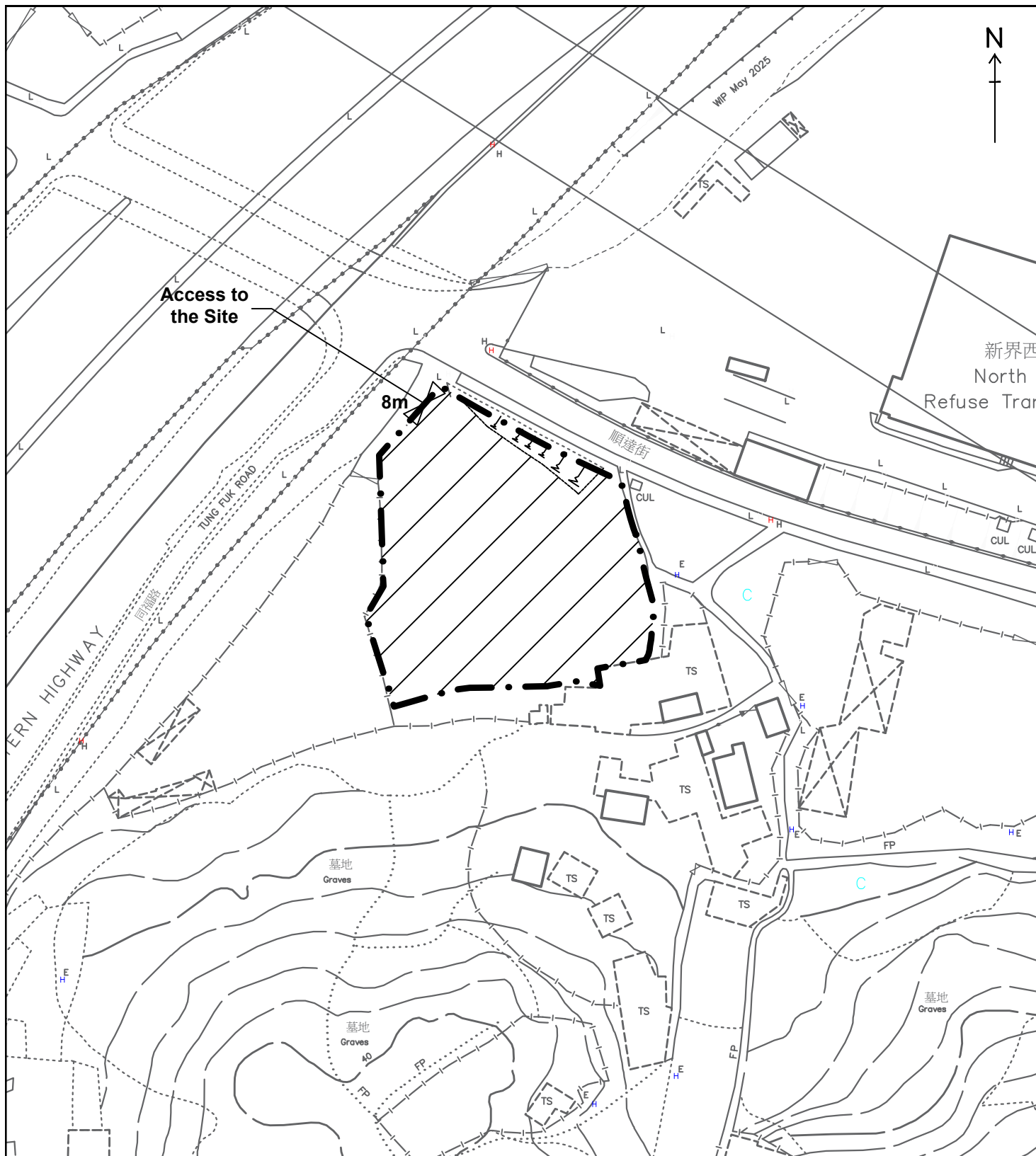
Figure 3

1 : 5000



羅迅測計師行
Lawson David & Sung

SURVEYORS LIMITED
Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328



Legend:



Application Site (Area: about 2,287m²)

Proposed Land Filling Area

Area: about 2,202 sq.m.

Depth: Existing Level 19.91mPD - 23.3mPD

Proposed Level 20.11mPD - 24.61mPD (about 0.2m - 1.31m)

Filling Materials: Soil with Concrete on top

Proposed Land Filling Plan

Figure 5

Scale 1:1000



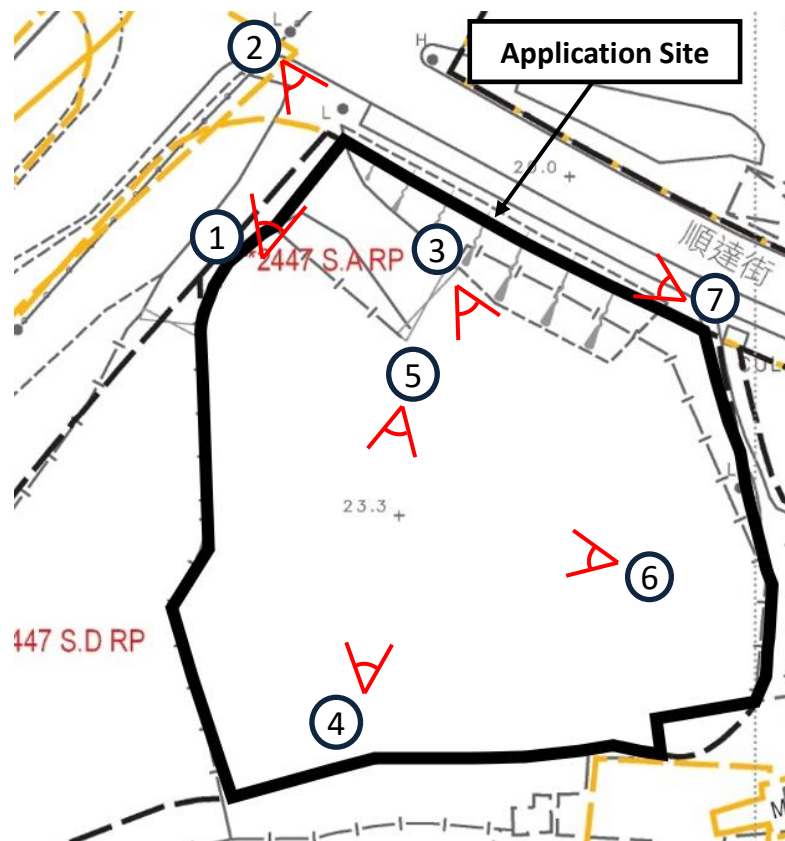
羅迅測計師行

Lawson David & Sung

SURVEYORS LIMITED

Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328

Site Photos



Legend:

 Viewpoint of the Photo

 Photo No.

Existing Condition of the Application Site and Its Surroundings

Site Photos

Appendix 1

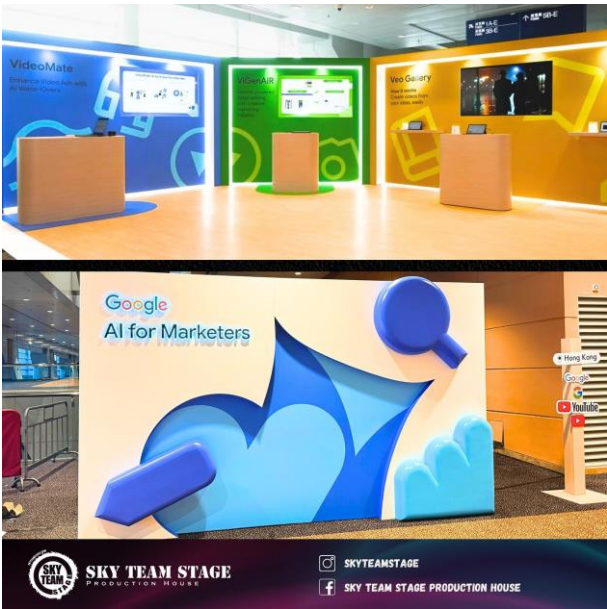
Applicant's Portfolio

Applicant's Job Portfolio

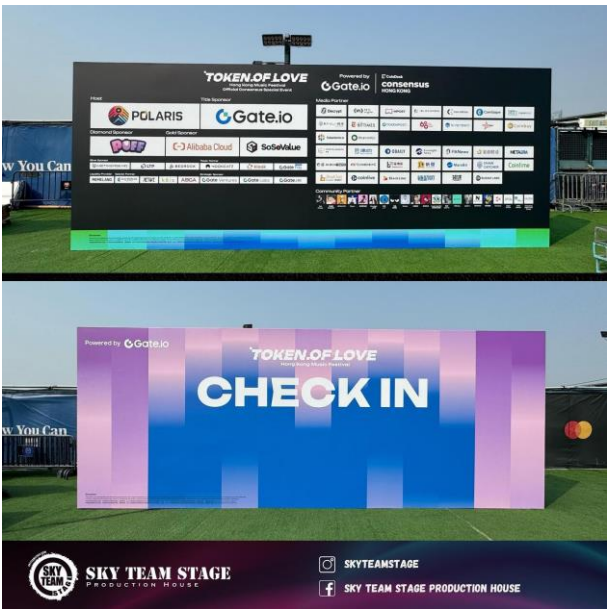


Corporate Events (Conferences, Gala Dinners and Launch Events)

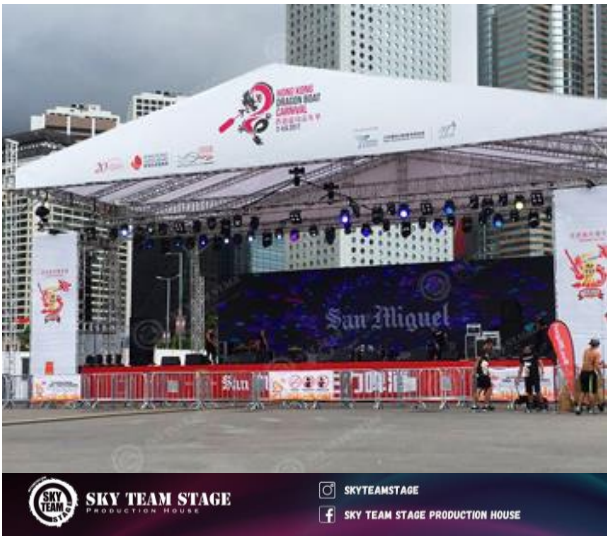
Applicant's Job Portfolio



Booth



Carnival



Ground Support



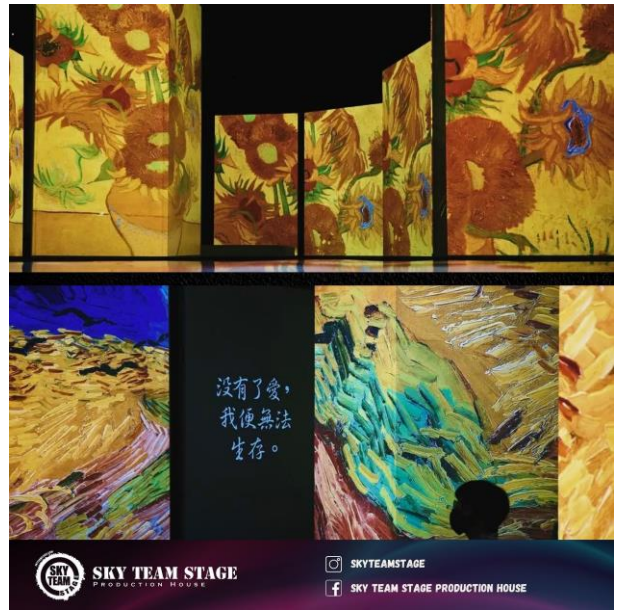
Road Shows

Exhibition Services

Applicant's Job Portfolio



Lighting and Audio



LED Walls

Lighting and Audio at Events



Props Production

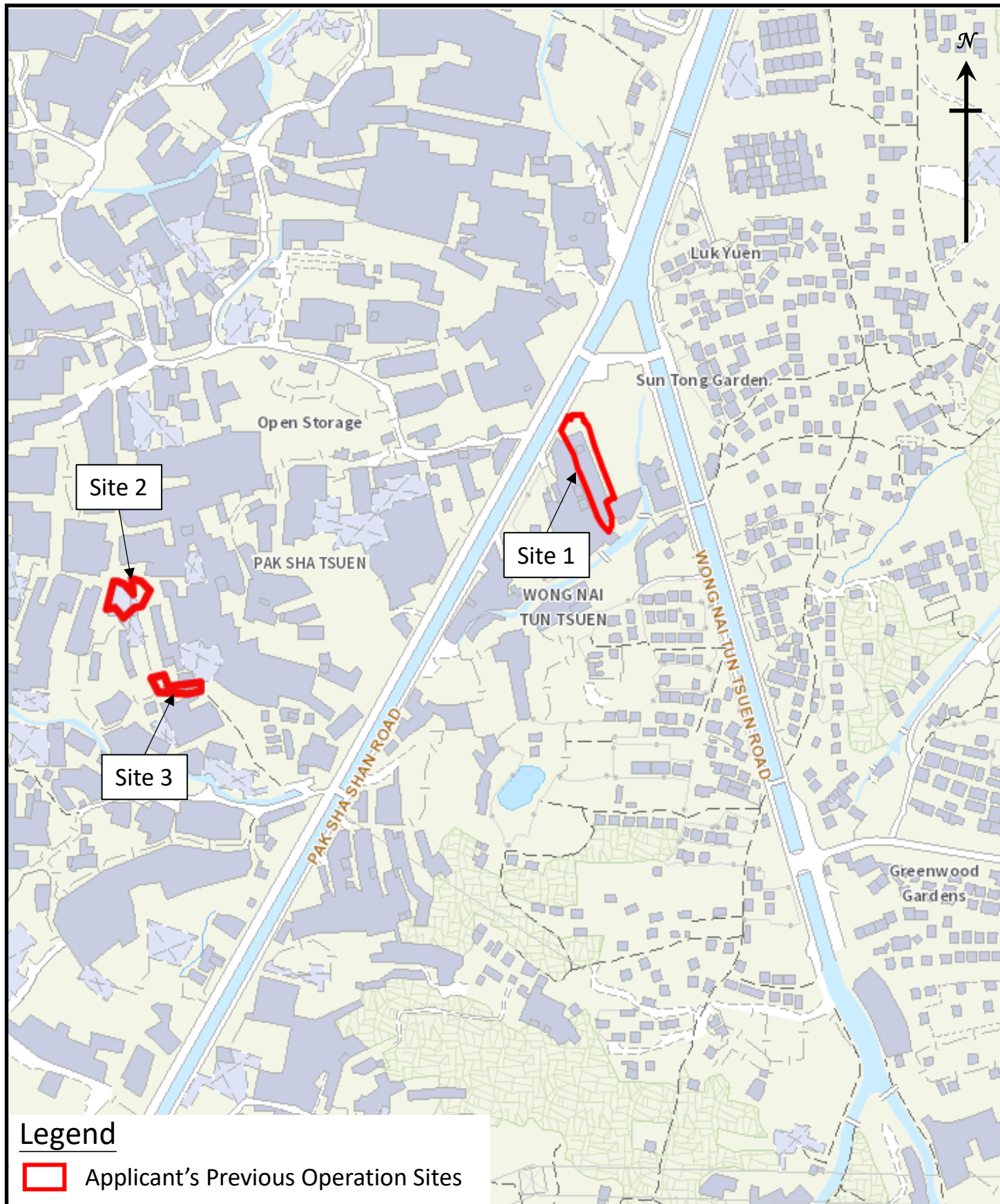


Exhibition Panel Systems

Promotion Decorations at Events

Appendix 2

Conditions of Applicant's Previous Operation Sites in
Pak Sha Tsuen, Yuen Long, N.T.



Legend

Applicant's Previous Operation Sites

Various Lots in D.D.119 and Adjoining Government Land, Pak Sha Tsuen, Yuen Long, N.T.

Total Site Area : About 2,749 sq.m. (subject to survey)

Total GFA : About 3,844 sq.m. (subject to survey)

Location Plan

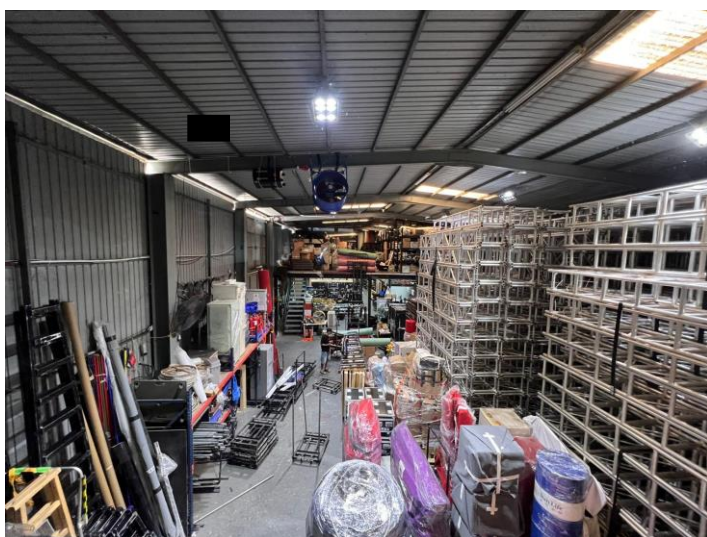
Condition of the Applicant's Previous Operation Sites in Pak Sha Tsuen, Yuen Long, N.T.

Appendix 2

Not to Scale



羅迅測計師行
Lawson David & Sung
SURVEYORS LIMITED
Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328



Site Photos of Existing Operations

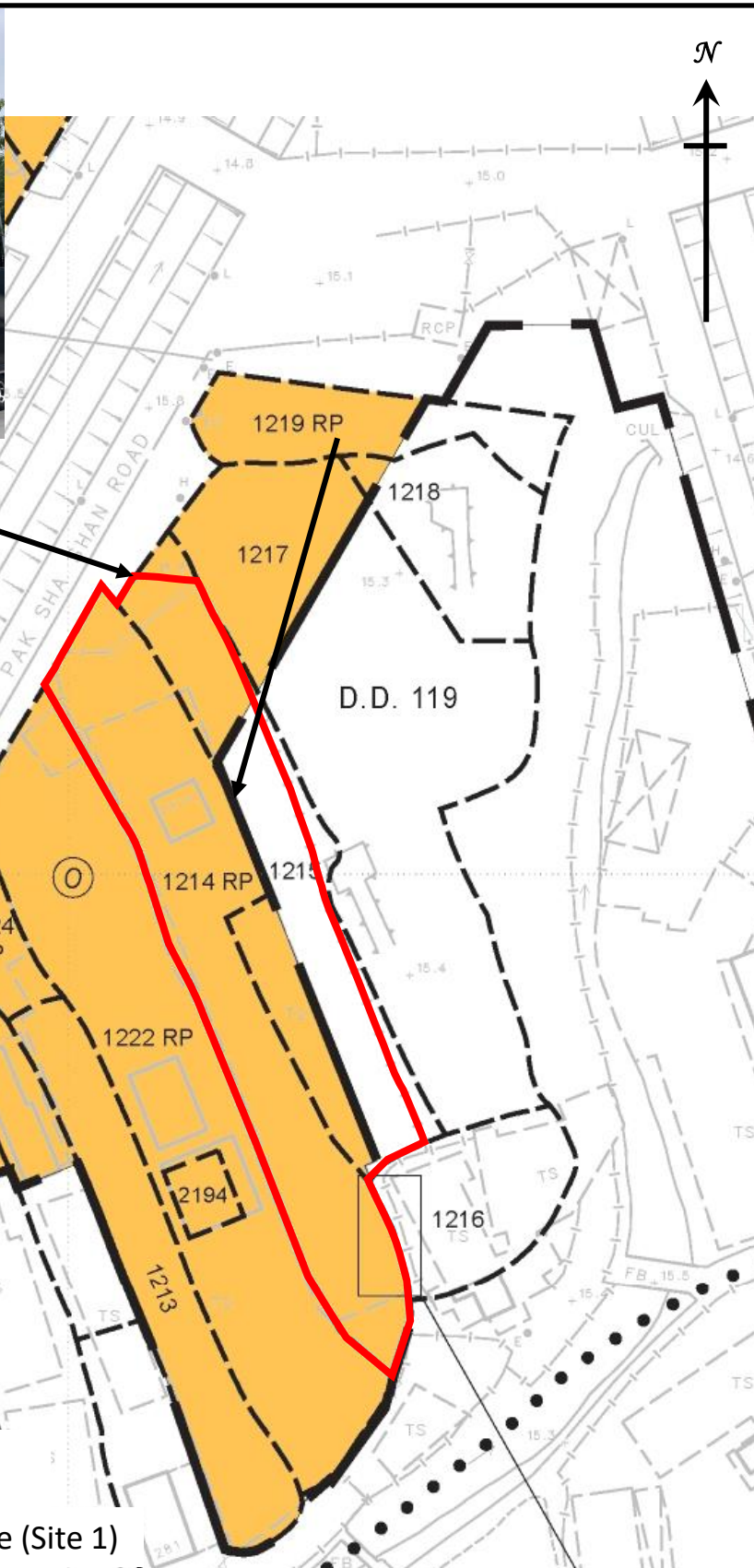
Condition of the Applicant's Previous
Operation Sites in Pak Sha Tsuen,
Yuen Long, N.T.

Appendix 2

Not to Scale



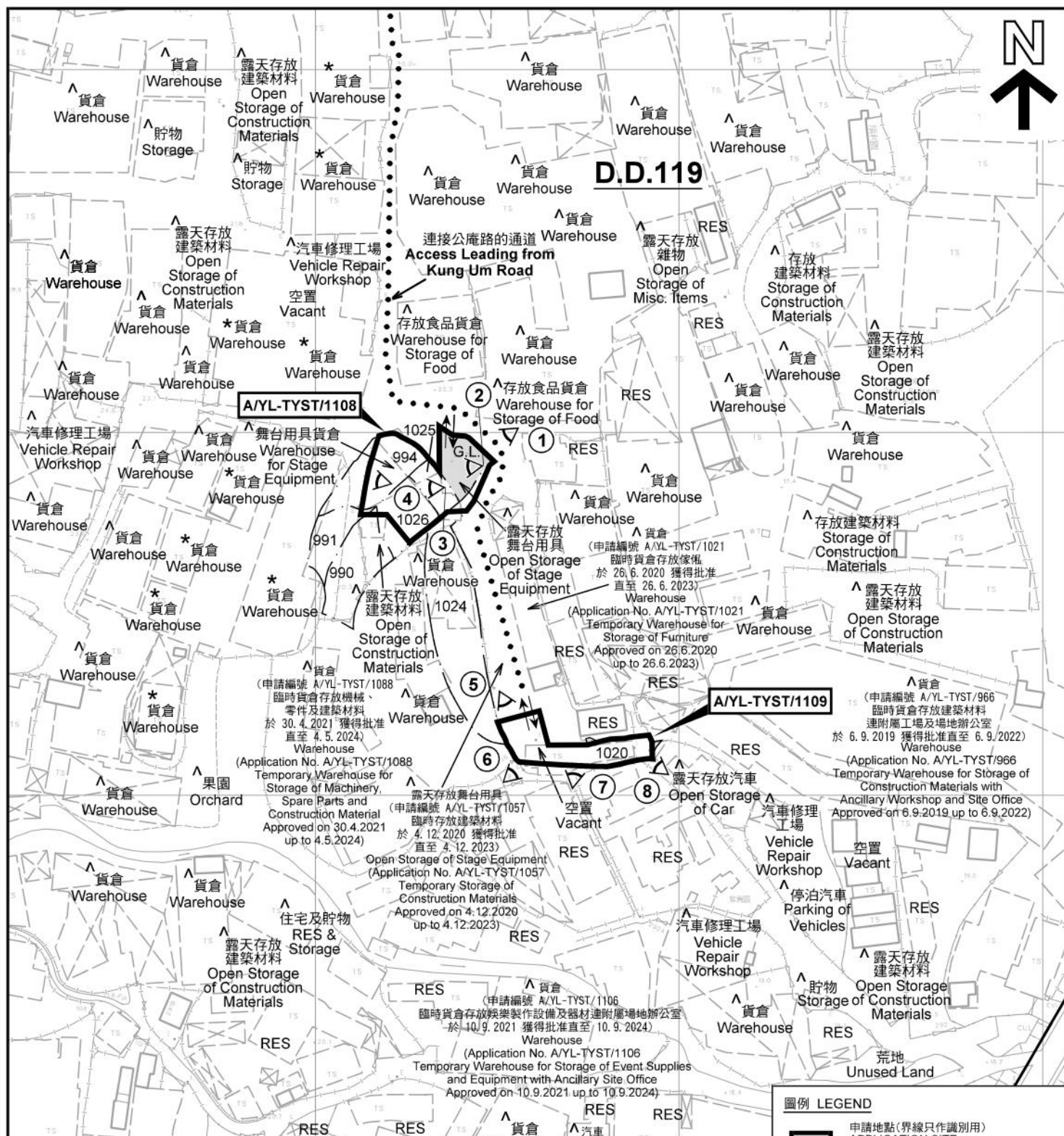
羅迅測計師行
Lawson David & Sung
SURVEYORS LIMITED
Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328



☐ Applicant's Previous Operation Site (Site 1)

Location Plan
(Extracted from Resumption Plan No. YLM11021)

羅 迅 測 計 師 行
Lawson David & Sung
S U R V E Y O R S L I M I T E D
Property Consultants • Planning • Valuers • Auctioneers
Estate Agency Licence No. C-006328



Applicant's Previous Occupation Sites under Planning Approvals

	A/YL-TYST/1108 (Site 2)	A/YL-TYST/1109 (Site 3)
Site Area (sq.m.) (about)	687	330
GFA (sq.m.) (about)	954	310

圖例 LEGEND

- 申請地點(界線只作識別用)
APPLICATION SITE (BOUNDARY FOR IDENTIFICATION PURPOSE ONLY)
- 未決定用途
UNDETERMINED
- 政府土地
GOVERNMENT LAND
- 住用構築物
RESIDENTIAL STRUCTURES
- 實地照片的觀景點
VIEWING POINT OF SITE PHOTO
- 入口/出口
INGRESS / EGRESS

平面圖 SITE PLAN

本摘要圖於2021年9月14日擬備，所根據的資料為測量圖編號 6-NW-24A
EXTRACT PLAN PREPARED ON 14.9.2021
BASED ON SURVEY SHEET No.
6-NW-24A

申請編號 A/YL-TYST/1108: 臨時貨倉存放舞台用具 (為期3年)
A/YL-TYST/1109: 擬議臨時貨倉存放舞台用具 (為期3年)
元朗白沙村丈量約份第119約地段第990號(部分)、第991號(部分)、第994號(部分)、第1020號(部分)、第1024號(部分)、第1025號及第1026號(部分)和毗連政府土地
A/YL-TYST/1108: TEMPORARY WAREHOUSE FOR STORAGE OF STAGE EQUIPMENT FOR A PERIOD OF 3 YEARS
A/YL-TYST/1109: PROPOSED TEMPORARY WAREHOUSE FOR STORAGE OF STAGE EQUIPMENT FOR A PERIOD OF 3 YEARS
APPLICATION Nos. A/YL-TYST/1108, A/YL-TYST/1109
LOTS 990 (PART), 991 (PART), 994 (PART), 1020 (PART), 1024 (PART), 1025 AND 1026 (PART) IN D.D. 119 AND ADJOINING GOVERNMENT LAND, PAK SHA TSUEN, YUEN LONG
SCALE 1:1500 比例尺
米 20 0 20 40 60 米
METRES

規劃署
PLANNING
DEPARTMENT



參考編號
REFERENCE No.

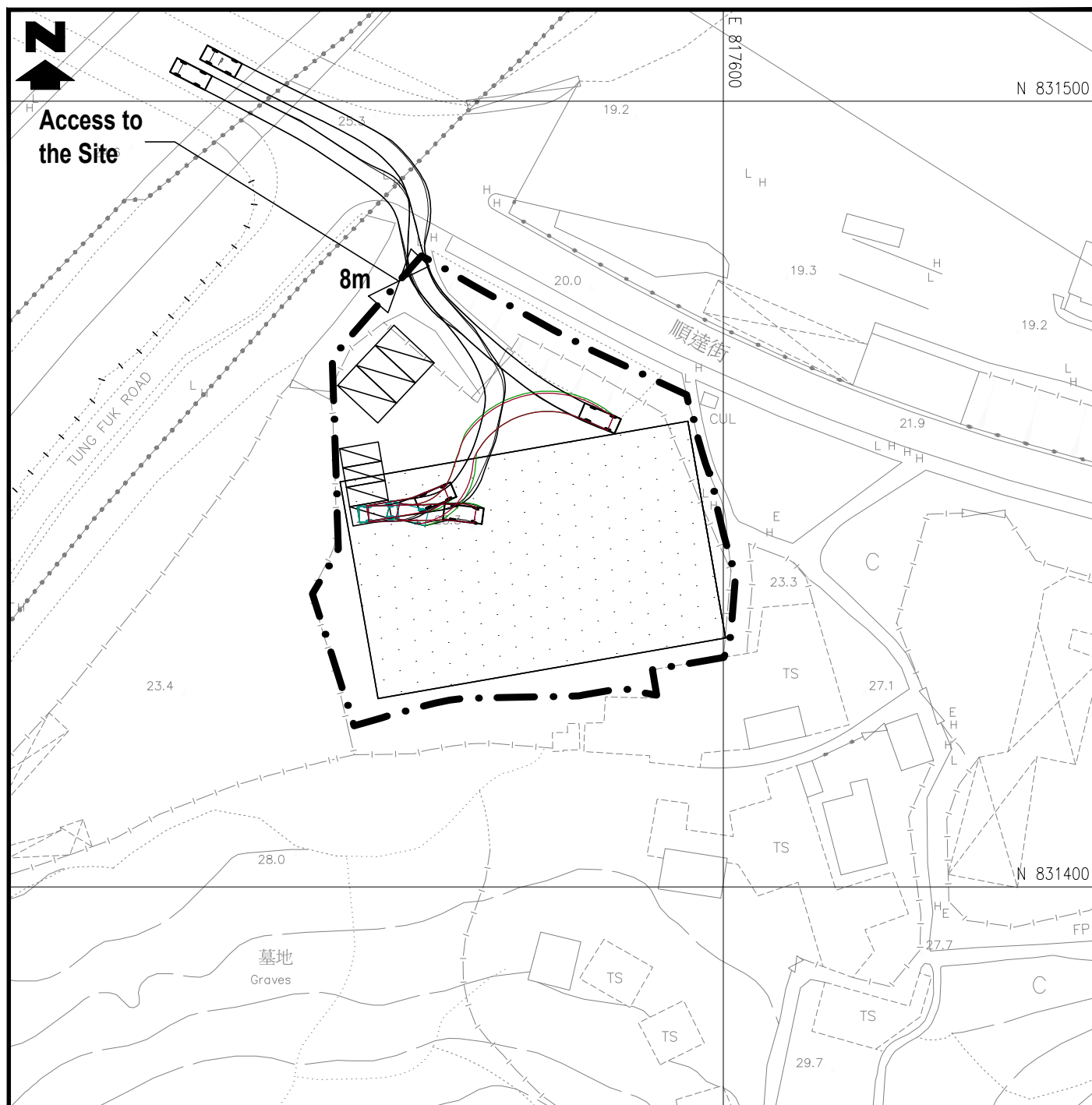
A/YL-TYST/1108 & 1109

圖 PLAN
A-2

Appendix 4

Design of Vehicular Access and Swept Path Analysis

H:\25102_ShunTatStreet\DRAWING\25102_FIGD2_02 FIGD4_02 FIGD5_02 FIGD6_00 FIGT1_00 & FIGT2_00.dwg, 9/1/2026 13:28:09



Details of Structure:

G/F: Washroom, Ancillary Office, Private Parking Spaces for Staff/Visitors,
Vehicular Manoeuvring Space

1/F: Warehouse for Storage of Stage Equipment, Ancillary Office

2/F: Warehouse for Storage of Stage Equipment, Ancillary Office

Floor Area (m²)

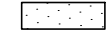
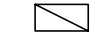
1,257

857 + 400

857 + 400

Total: 3,771

Legend:

-  Application Site (Area: about 2,287m²)
-  Warehouse with Ancillary Facilities (Height: not exceeding 13m)
-  Loading/Unloading Spaces for Light Goods Vehicles (3 nos.) (3.5m x 7m)
-  Private Car Parking Spaces for Staff/Visitors (4 nos.) (2.5m x 5m)

TITLE

PROPOSED SWEEP PATH FOR
PRIVATE CAR

何田顧問工程師有限公司
HO TIN & ASSOCIATES
CONSULTING ENGINEERS LIMITED

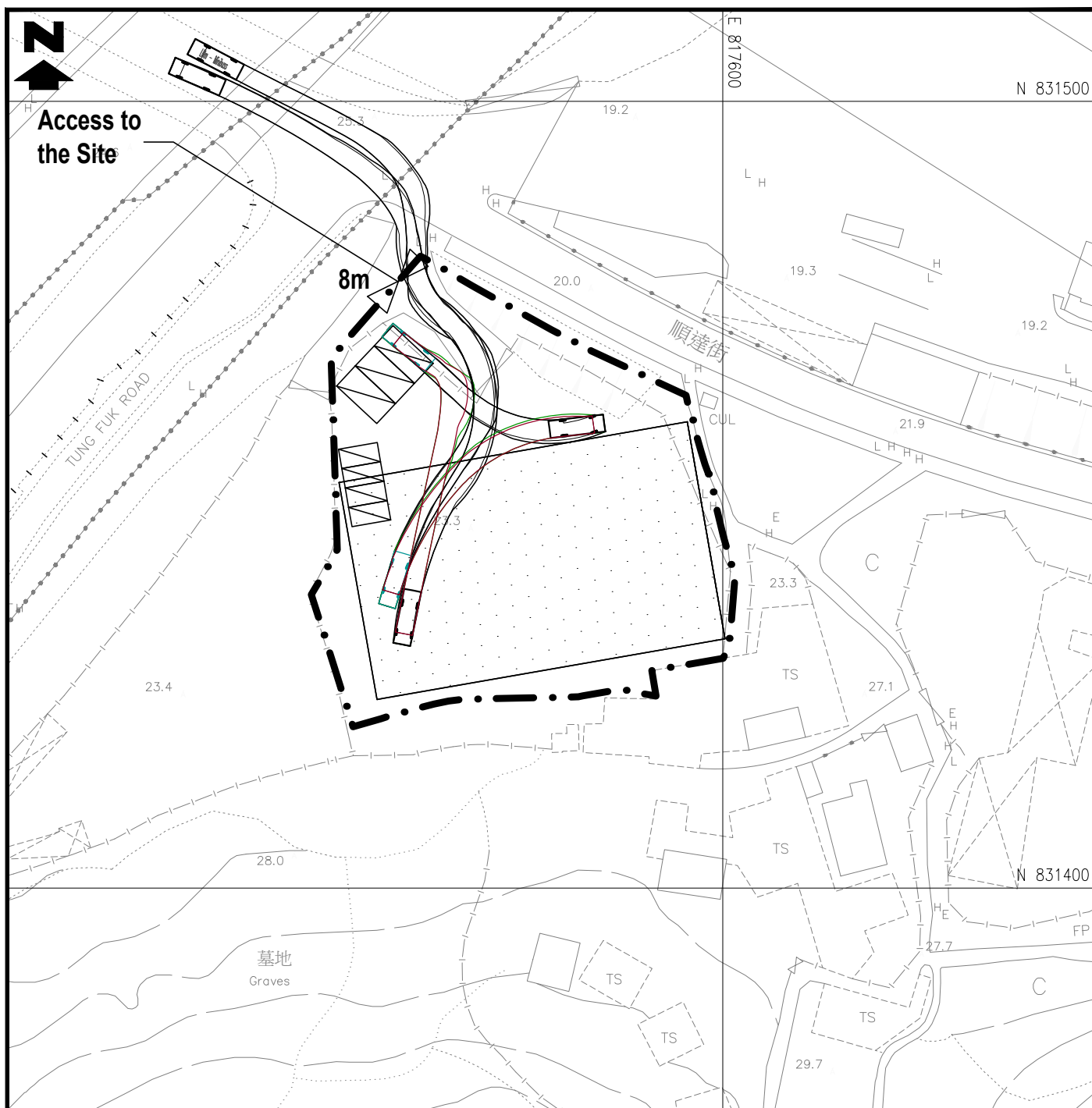
SCALE

1 : 750 - A4

DRAWING No.

FIGURE T1

H:\25102_ShunTatStreet\DRAWING\25102_FIGD2_02 FIGD4_02 FIGD5_02 FIGD6_00 FIGT1_00 & FIGT2_00.dwg, 9/1/2026 13:28:39



Details of Structure:

G/F: Washroom, Ancillary Office, Private Parking Spaces for Staff/Visitors, Vehicular Manoeuvring Space

1/F: Warehouse for Storage of Stage Equipment, Ancillary Office

2/F: Warehouse for Storage of Stage Equipment, Ancillary Office

Floor Area (m²)

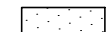
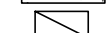
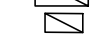
1,257

857 + 400

857 + 400

Total: 3,771

Legend:

-  Application Site (Area: about 2,287m²)
-  Warehouse with Ancillary Facilities (Height: not exceeding 13m)
-  Loading/Unloading Spaces for Light Goods Vehicles (3 nos.) (3.5m x 7m)
-  Private Car Parking Spaces for Staff/Visitors (4 nos.) (2.5m x 5m)

TITLE

PROPOSED SWEEP PATH FOR
LIGHT GOODS VEHICLES

何田顧問工程師有限公司
HO TIN & ASSOCIATES
CONSULTING ENGINEERS LIMITED

SCALE

1 : 750 - A4

DRAWING No.

FIGURE T2

Appendix 5

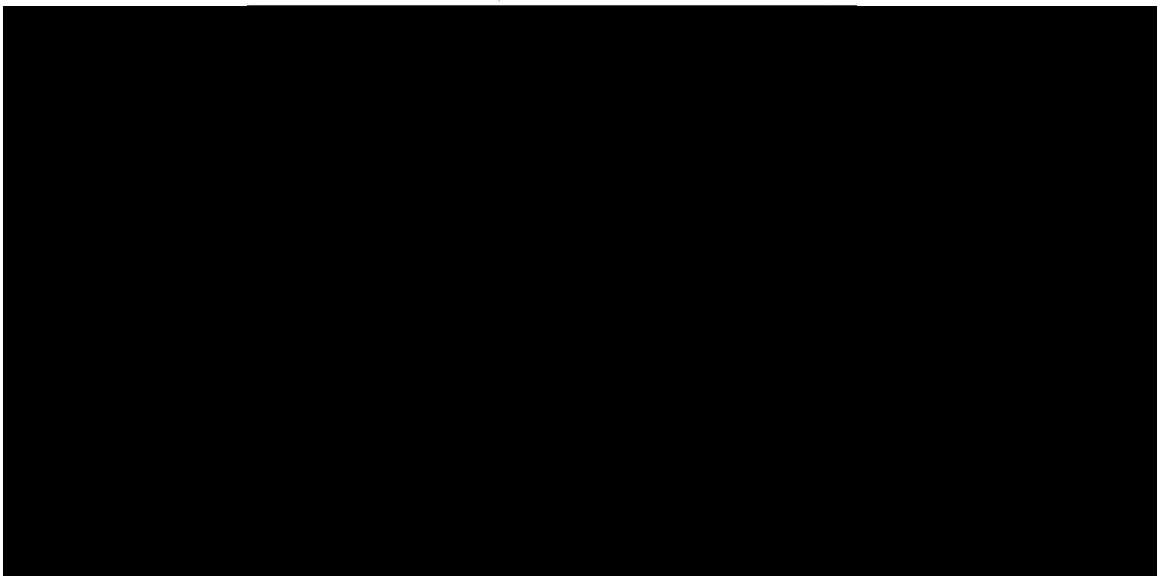
Drainage Proposal

Drainage Submission in support of
S16 Planning Application
for Temporary Warehouse for Storage of Stage Equipment
and Associated Filling of Land
for a Period of 3 Years in “Green Belt” zone
at Lot 2447 S.A RP(Part) in DD130, Shun Tat Street, Lam Tei,
Tuen Mun, New Territories

(HT25102)

January 2026

Drainage Consultant:



1. Background

- 1.1 With respect to a S16 Planning Application for a Proposed for Temporary Warehouse for Storage of Stage Equipment and Associated Filling of Land for a Period of 3 Years in “Green Belt” zone at Lot 2447 S.A RP(Part) in DD130, Shun Tat Street, Lam Tei, Tuen Mun, New Territories, Messrs. Ho Tin & Associates Consulting Engineers Limited was appointed to prepare a drainage submission.

2. Approach to Prepare this Proposal

- 2.1 This Drainage Submission is prepared in line with the “Technical Note to prepare a Drainage Submission (Relating to applications for temporary change of land use such as temporary storage areas, car parks, workshops, small factories ... etc. under S.16 of the Town Planning Ordinance)” issued by Drainage Services Department in December 2024.

3. The Subject Site and Proposed Development

- 3.1 The subject site with a total site area of about 2,287m² comprises of Lot 2447 S.A RP(Part) in DD130, Shun Tat Street, Lam Tei, Tuen Mun, New Territories. It is located at the south of the junction of Tung Fuk Road and Shun Tat Street at Lam Tei. The existing vehicular ingress/egress of the subject site connects to Shun Tat Street near the junction with Tung Fuk Road. A Site Location Plan is shown in **Figure D1**.
- 3.2 The proposed development consists of four private car parking spaces and three loading/unloading spaces for light goods vehicles. A Layout Plan is shown in **Figure D2**.

4. Existing Drainage Conditions of the Subject Site

- 4.1 The subject site was formerly an open storage and now is vacant. It is located mainly on a relatively higher platform at about +23.3mPD at the road corner. In general, the existing ground of the subject site slopes from the south to the north.
- 4.2 At present, there is no prominent engineering channels within the subject site. Surface runoff of the concerned area including the subject site would be collected by an existing

525mm U-channel running along the footpath of Shun Tat Street, i.e. surface runoff from the area to the south of the subject site would be diverted directly toward Shun Tat Street by the existing footpaths without crossing the subject site. A part plan of the relevant DSD's drainage record is reproduced in **Figure D3** for reference.

4.3 Current conditions of the subject site and its surrounding areas are shown in the following photos (photo taking locations are shown on **Figure D4**):

	
Photo No. 1 – Existing subject site conditions	Photo No. 2 – View at subject site entrance (1 of 3)
	
Photo No. 3 – View at subject site entrance (2 of 3)	Photo No. 4 – View at subject site entrance (3 of 3)

	
Photo No. 5 – View of existing 375UC along footpath of Tung Fuk Road	Photo No. 6 – View of existing 525UC along footpath of Shun Tat Street
	
Photo No. 7 – View toward the southern side of the subject site	Photo No. 8 – View toward the eastern side of the subject site

5. Drainage Assessment and Proposal

- 5.1 The subject site is a simple small site with a total site area of about 2,287m². No significant site formation works is proposed. There is no change in the flowing directions nor obstruction of the existing flows of the concerned area.
- 5.2 With respect to the “Technical Note to prepare a Drainage Submission” (the “TN”) published by Drainage Services Department, for the subject site area = 2,287m² ≤ 3,000m², peripheral 450mm U channel at 1 in 200 gradient would be appropriate. It is therefore proposed to construct new peripheral 450mm U channel at 1 in 200

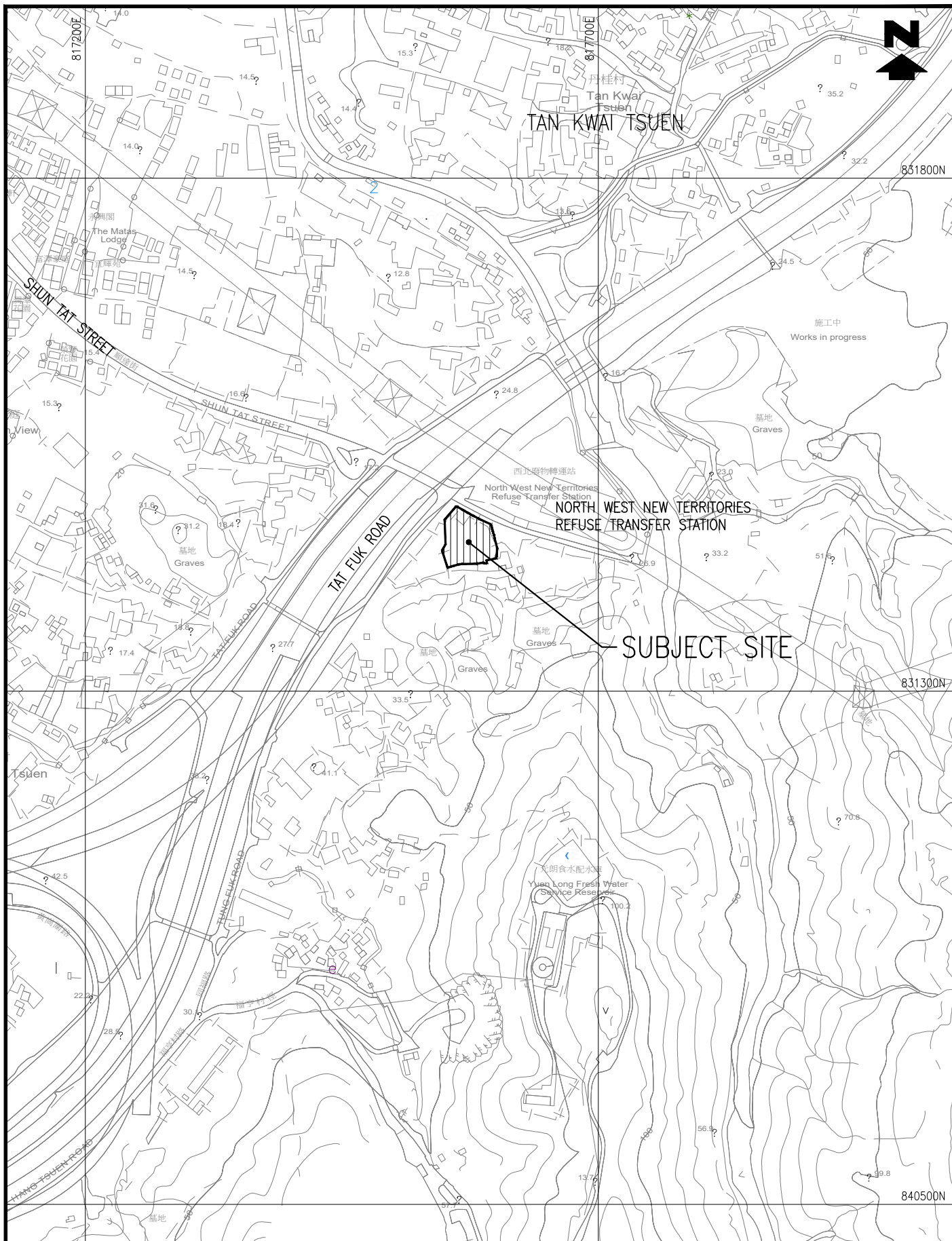
gradient for the subject development. A new catchpit with trap will be constructed at the end of the proposed 450mm U channels near the northern corner of the subject site and from which the collected flow is to be discharged into the existing 525mm U channel at Shun Tat Street. A Proposed Stormwater Drainage Layout Plan is shown in **Figure D5**.

- 5.3 The Applicant is committed to obtain consents from owners of adjacent relevant land/lots prior to commencement of the proposed drainage works outside the subject site and to maintain regularly to avoid blockage of the drainage system to the satisfaction of relevant Government departments.
- 5.4 Details of proposed drainage provisions shall follow relevant details shown in Government departments' Standard Drawings as follows:

<i>Proposed Drainage Provisions</i>	<i>Standard Drawings</i>	<i>Drawing No. & Title</i>
Catchpit	CEDD Standard Drawings	C 2405/1 to /5 – Standard Catchpit Details
Catchpit with trap		C 2406/1 to /2A – Catchpit with Trap
Catchpit precast concrete cover	CEDD Standard Drawings	C 2407B – Precast Concrete Covers for Catchpit and Sand Trap
U-channel		C 2409J – Details of Half-round and U-channels
Channel cover		C 2412E – Cover Slab and Cast Iron Grating for Channels

6. Conclusion and Recommendations

- 6.1 The subject development is for a Temporary Warehouse for Storage of Stage Equipment and Associated Filling of Land for a Period of 3 Years in “Green Belt” zone at Lot 2447 S.A RP(Part) in DD130, Shun Tat Street, Lam Tei, Tuen Mun, New Territories. The existing site levels would be maintained in general to have a building platform relatively higher than the adjacent Shun Tat Street and Tung Fuk Road.
- 6.2 There is no engineering channels serving the subject site at present. 450mm U channel at 1 in 200 gradient will be constructed at the peripheral of the subject site to intercept all crossing surface runoff. 100mm high gap will be formed at the bottom of solid security hoarding/fence along the subject site boundary to ensure no surface runoff from the adjacent, due to any unexpected incidents, to be obstructed. A new catchpit with trap will be constructed at the ends of the 450mm U channel before discharging into the existing 525mm U channel at Shun Tat Street.
- 6.3 The Applicant is committed to obtain consents from owners of adjacent relevant land/lots prior to commencement of the proposed drainage works outside the subject site and to maintain regularly to avoid blockage of the system to the satisfaction of relevant Government departments.
- 6.4 The subject development would not alter the existing drainage conditions and pattern of the area and the proposed drainage system would be maintained with appropriate drainage clearance and repair works, i.e. debris clearance and damage repair. Therefore, in conclusion, the subject development would not cause any adverse drainage impact onto the area.



TITLE

SITE LOCATION PLAN

何田顧問工程師有限公司
HO TIN & ASSOCIATES
CONSULTING ENGINEERS LIMITED

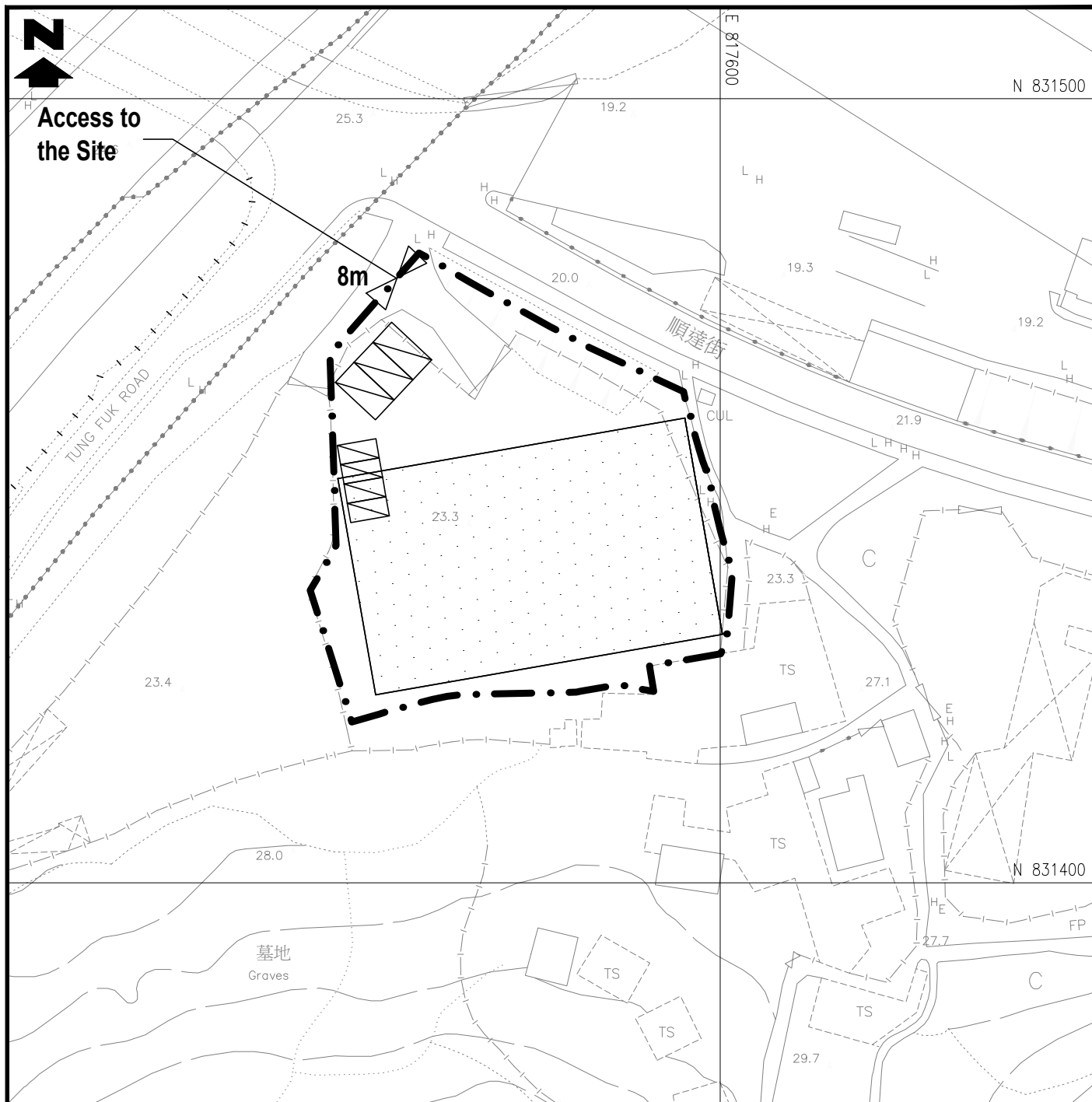
SCALE

1 : 5000 - A4

DRAWING No.

FIGURE D1

H:\25102_ShunTatStreet\DRAWING\25102_FIGD2_02 FIGD4_02 FIGD5_02 & FIGD6_00.dwg, 8/1/2026 9:38:00



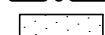
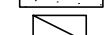
Details of Structure:

G/F: Washroom, Ancillary Office, Private Parking Spaces for Staff/Visitors,
Vehicular Manoeuvring Space
1/F: Warehouse for Storage of Stage Equipment, Ancillary Office
2/F: Warehouse for Storage of Stage Equipment, Ancillary Office

Floor Area (m²)

1,257
857 + 400
857 + 400
Total: 3,771

Legend:

-  Application Site (Area: about 2,287m²)
-  Warehouse with Ancillary Facilities (Height: not exceeding 13m)
-  Loading/Unloading Spaces for Light Goods Vehicles (3 nos.) (3.5m x 7m)
-  Private Car Parking Spaces for Staff/Visitors (4 nos.) (2.5m x 5m)

TITLE

LAYOUT PLAN

何田顧問工程師有限公司
HO TIN & ASSOCIATES
CONSULTING ENGINEERS LIMITED

SCALE

1 : 750 - A4

DRAWING No.

FIGURE D2

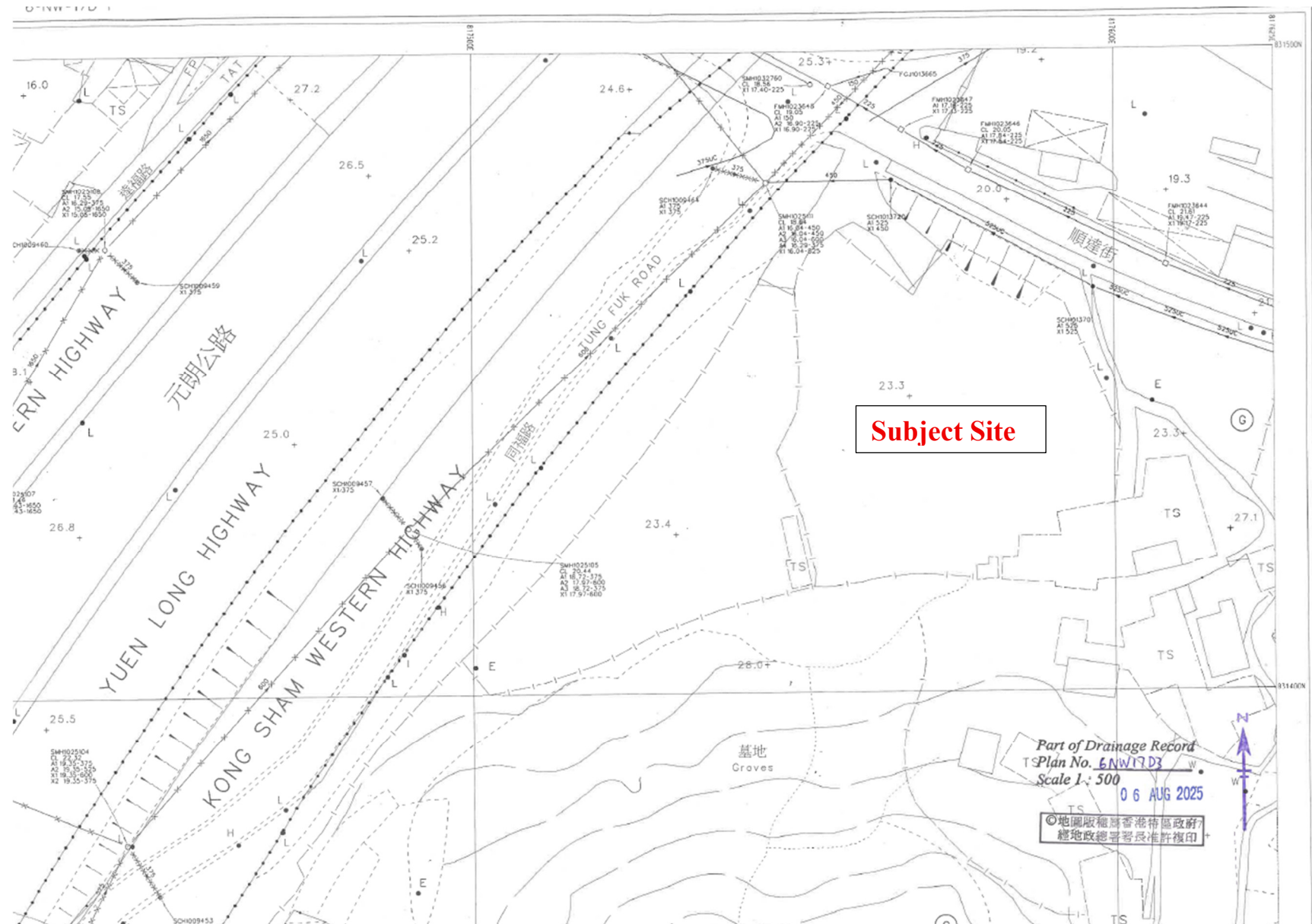
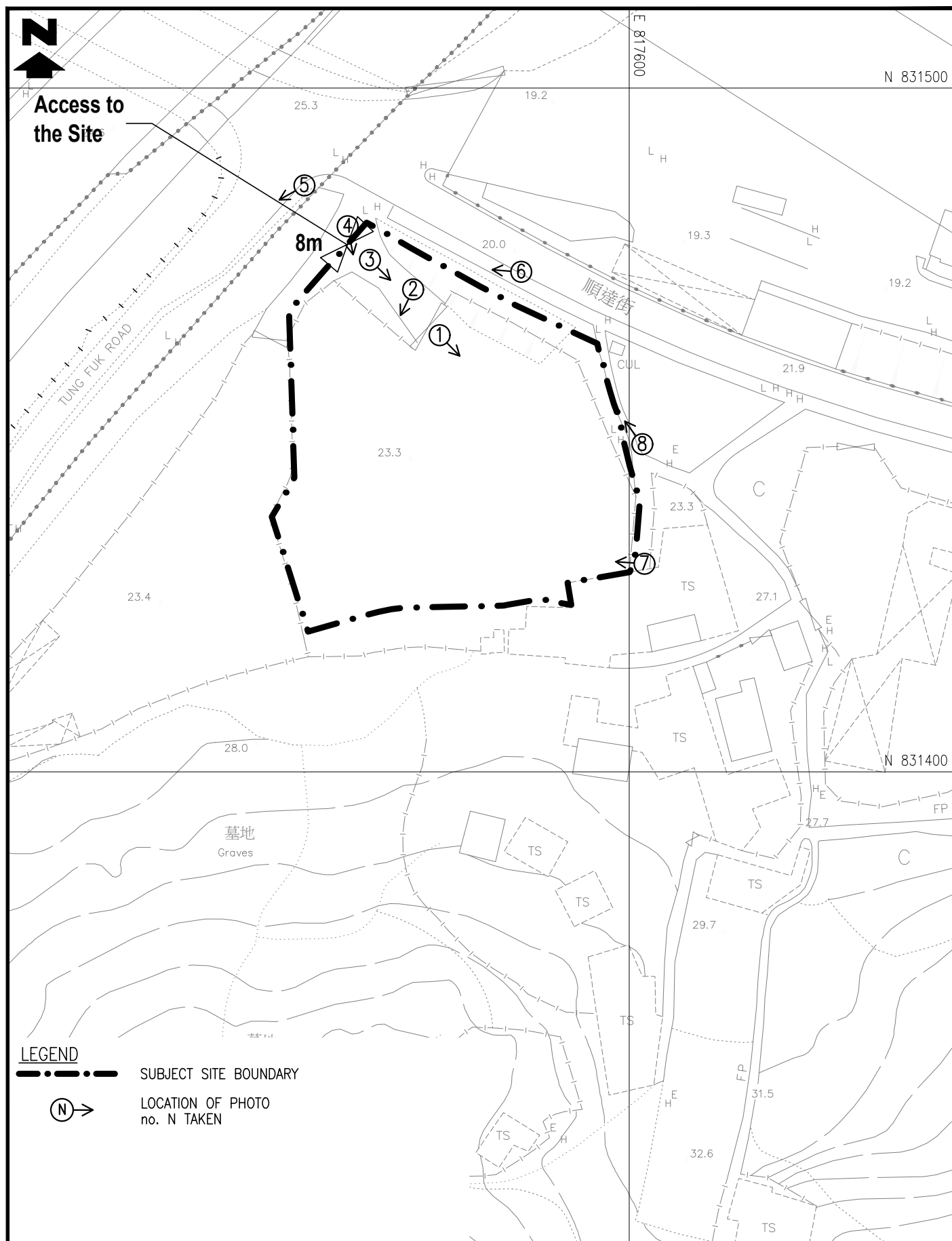


Figure D3 - Part Plan of the relevant DSD's Drainage Record

H:\25102_ShunTatStreet\DRAWING\25102_FIGD5_02 & FIGD6_00.dwg, 8/1/2026 9:39:33



TITLE

LOCATIONS OF PHOTO TAKEN

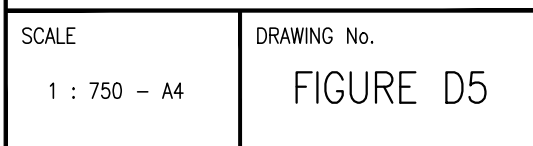
何田顧問工程師有限公司
HO TIN & ASSOCIATES
CONSULTING ENGINEERS LIMITED

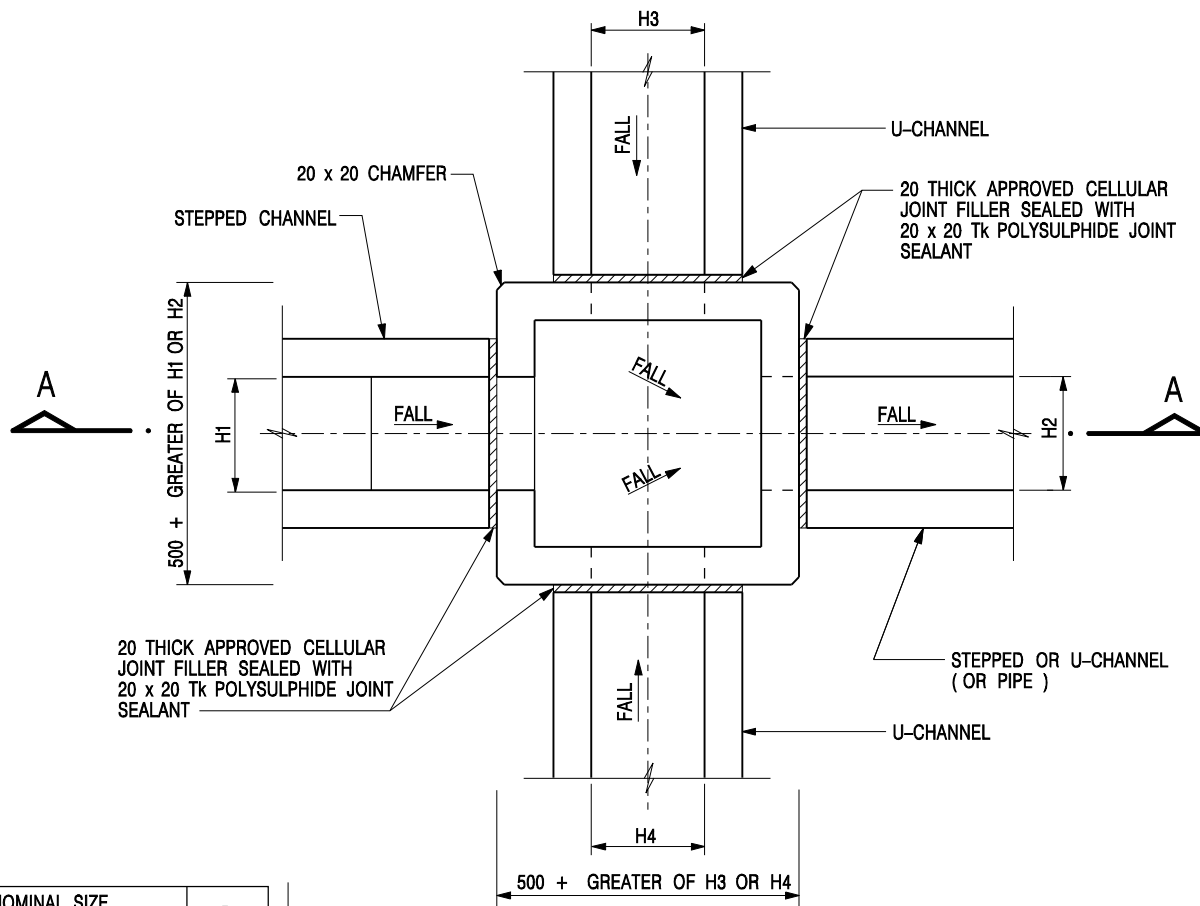
SCALE

1 : 750 - A4

DRAWING No.

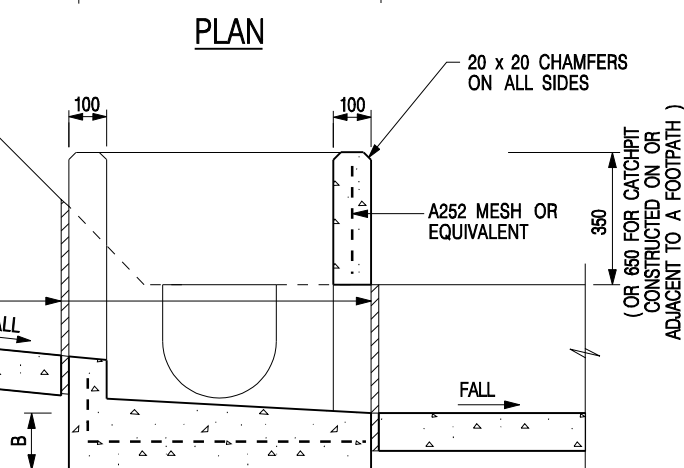
FIGURE D4





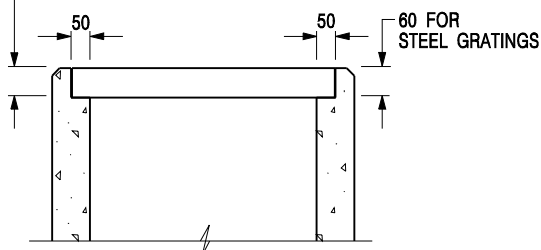
NOMINAL SIZE (LARGEST OF H1, H2, H3 & H4)	B
300 - 600	150
675 - 900	175

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT



SECTION A - A

DEPTH OF RECESS AND DETAILS OF PRECAST CONCRETE COVERS (SEE STD. DRG. NO. C2407)



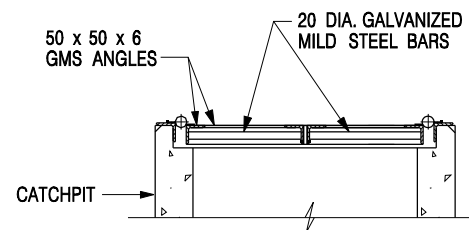
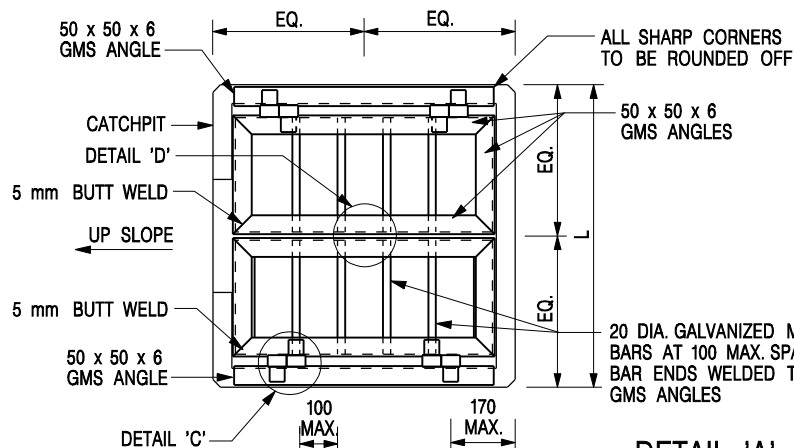
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

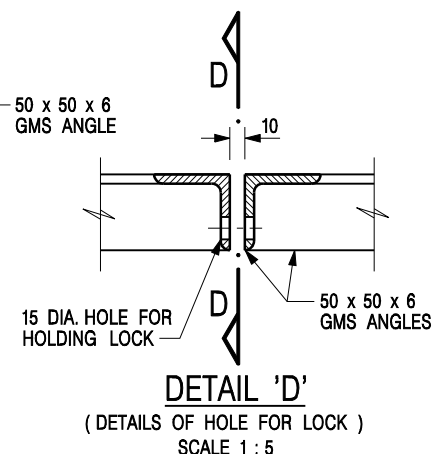
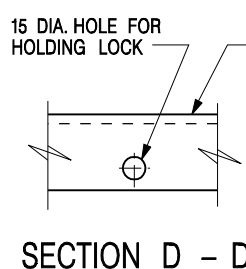
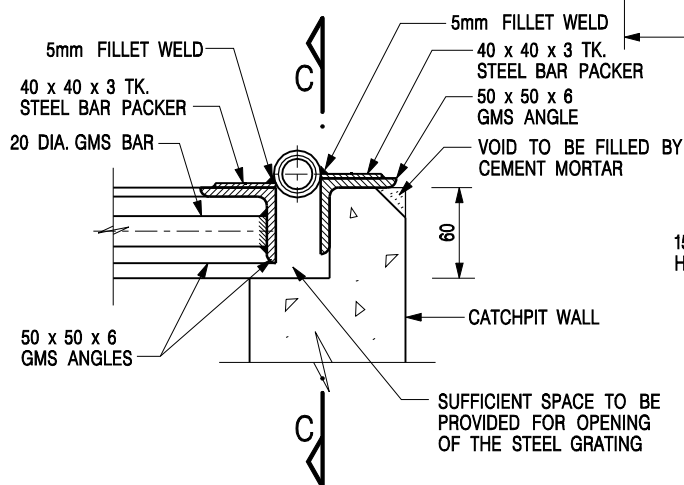
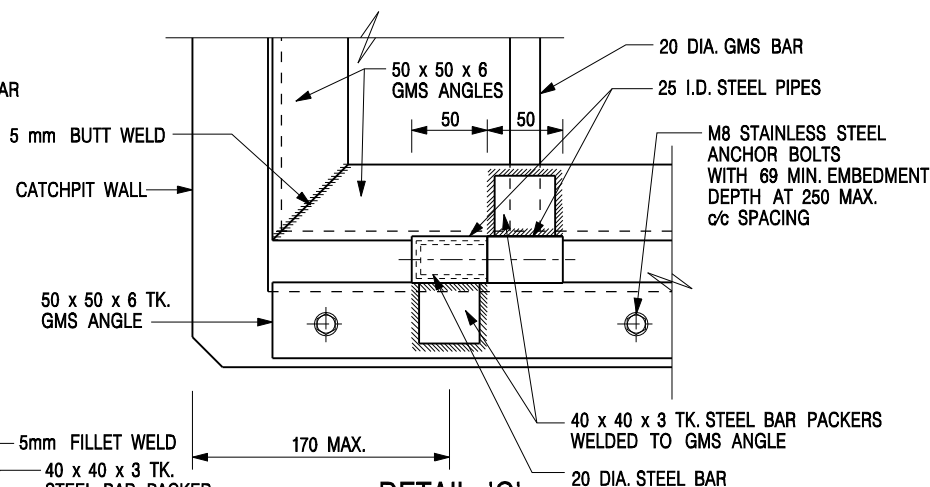
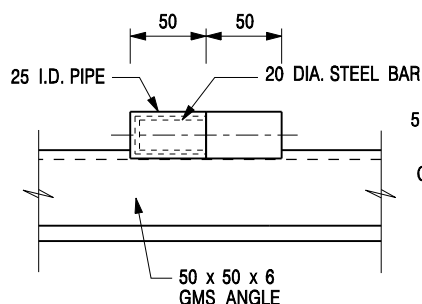
ALTERNATIVE TOP SECTION FOR PRECAST CONCRETE COVERS / GRATINGS

STANDARD CATCHPIT DETAILS (SHEET 1 OF 5)

-	FORMER DRG. NO. C2405J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE
 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT		SCALE 1 : 20 DATE JAN 1991	
		DRAWING NO. C2405 /1	



DETAIL 'A'
(DETAILS OF DOUBLE SIDE OPENING STEEL GRATING FOR L > 900mm)
SCALE 1 : 20

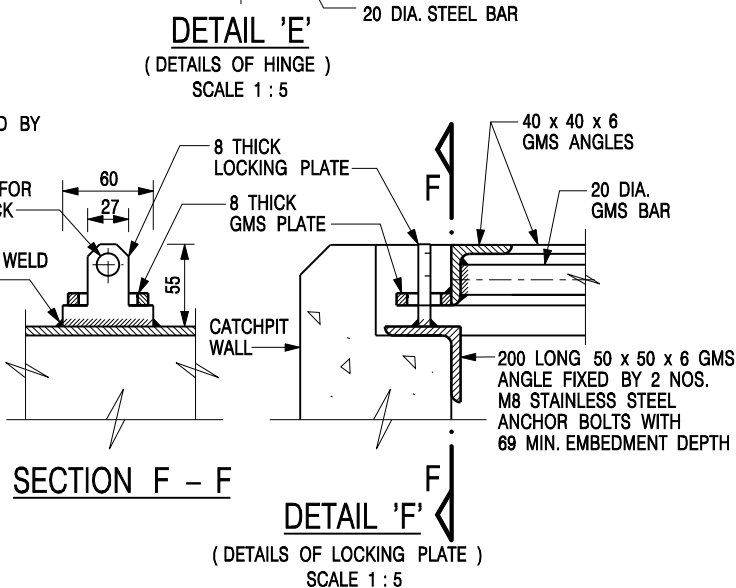
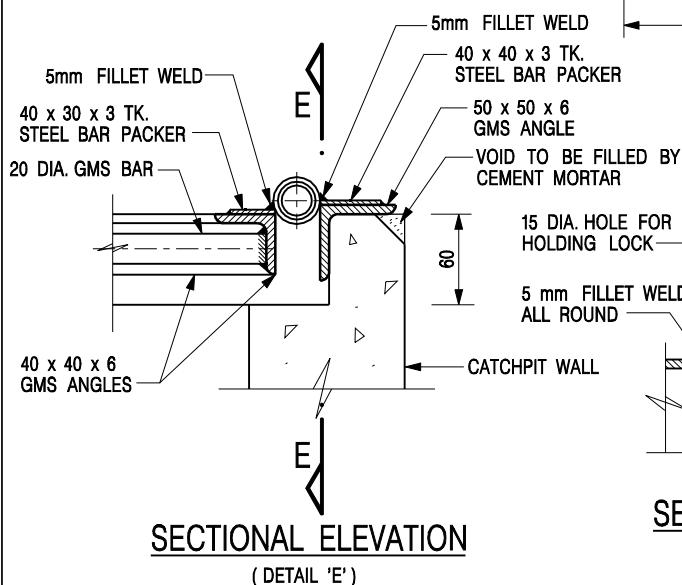
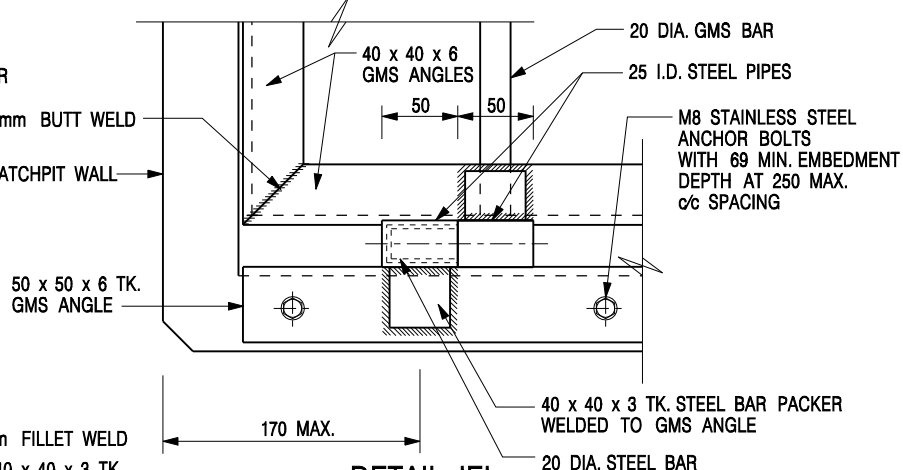
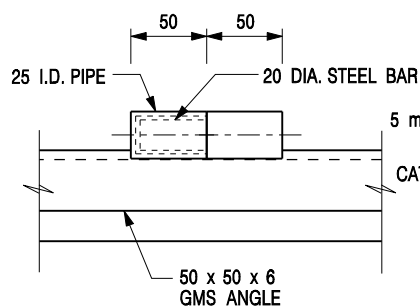
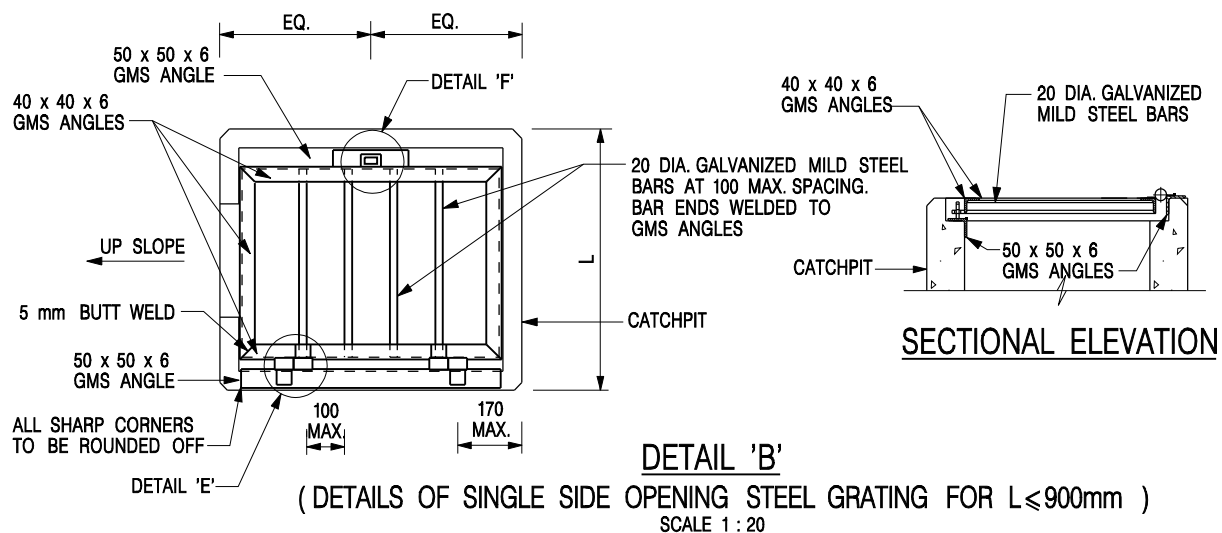


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

STANDARD CATCHPIT DETAILS
(SHEET 2 OF 5)

-	FORMER DRG. NO. C2405J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE
 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT		SCALE AS SHOWN DATE JAN 1991	
		DRAWING NO. C2405 /2	

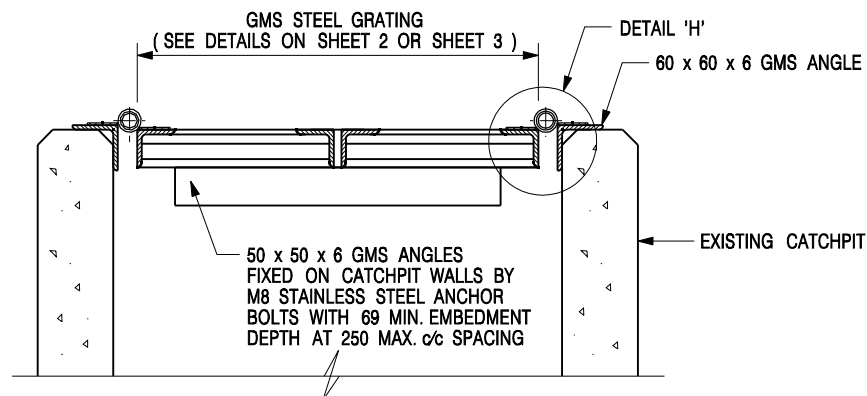


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

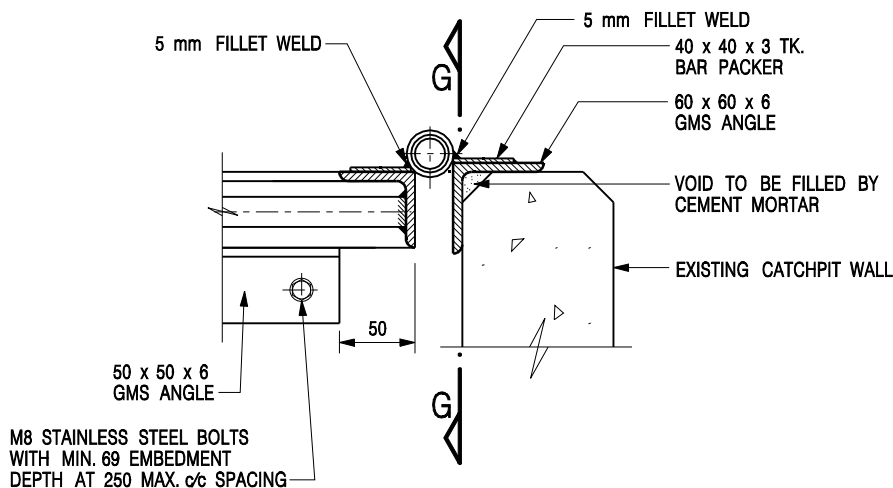
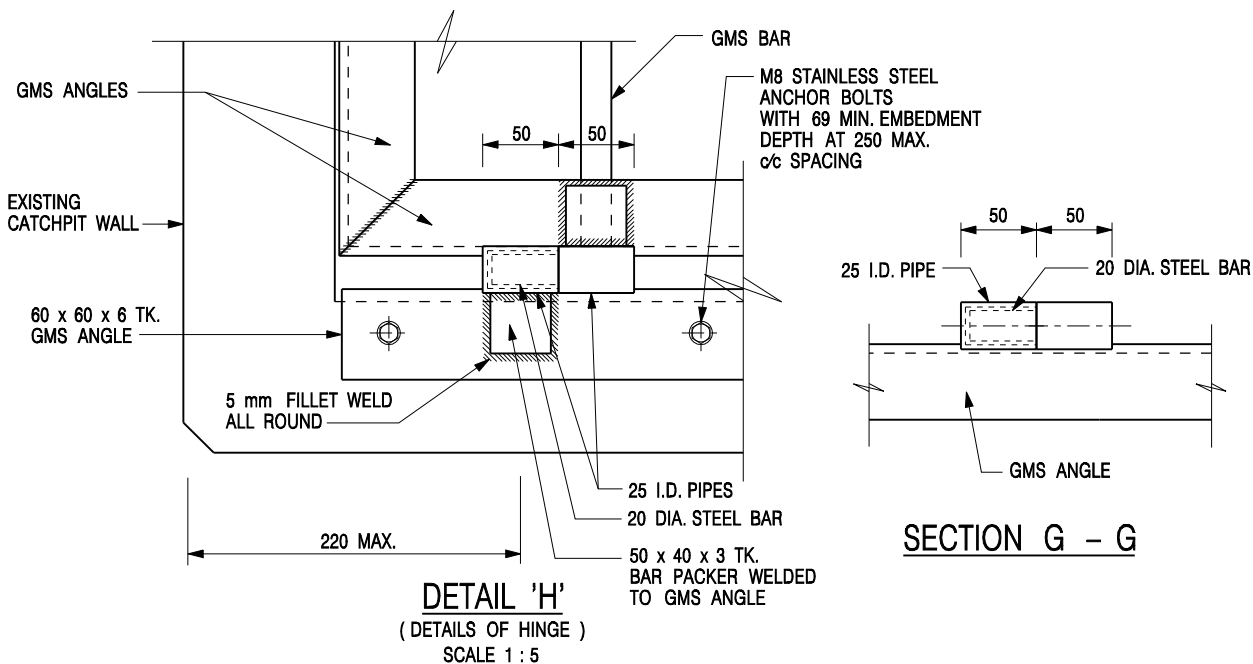
STANDARD CATCHPIT DETAILS
(SHEET 3 OF 5)

-	FORMER DRG. NO. C2405J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE
 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT		SCALE AS SHOWN DATE JAN 1991	
		DRAWING NO. C2405 /3	



DETAIL 'G' - DETAILS OF STEEL GRATING CONSTRUCTED ON EXISTING CATCHPIT

SCALE 1 : 10



SECTIONAL ELEVATION

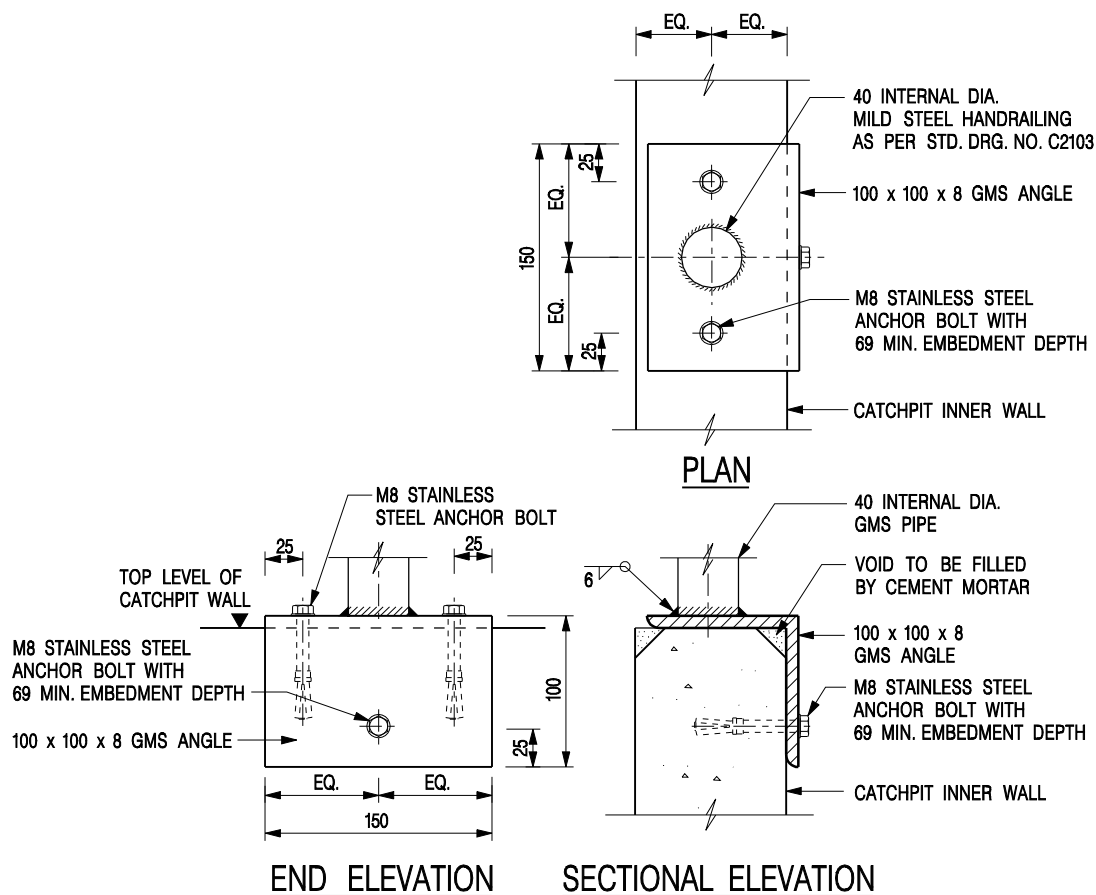
(DETAIL 'H')

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

STANDARD CATCHPIT DETAILS
(SHEET 4 OF 5)

-	FORMER DRG. NO. C2405J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE
 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT			
SCALE AS SHOWN		DRAWING NO. C2405 /4	
DATE JAN 1991			



DETAIL 'J' – FIXING DETAILS FOR HANDRAILING ON TOP OF CATCHPIT WALL

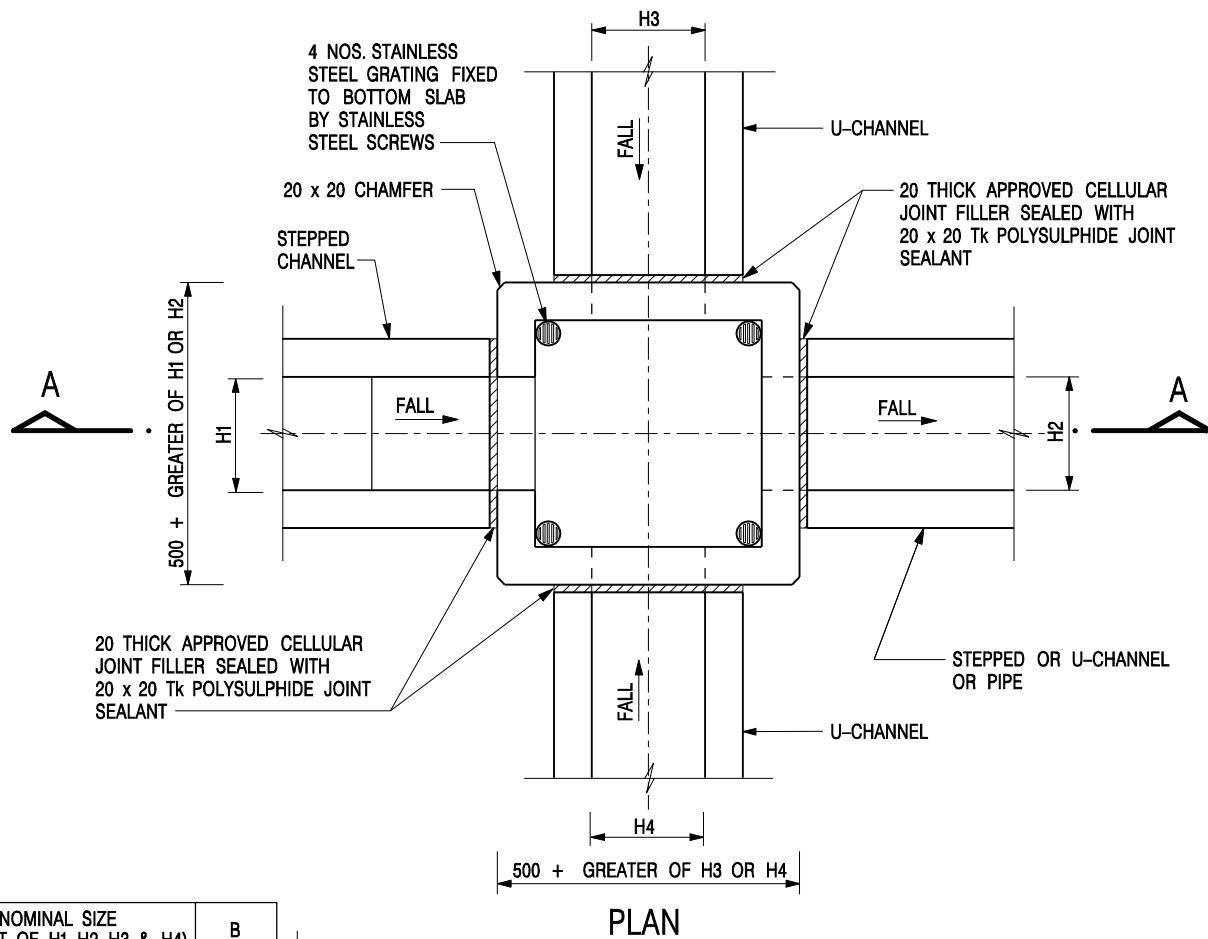
SCALE 1 : 5

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- ALL CONCRETE SHALL BE GRADE 20 /20.
- CONCRETE SURFACE FINISH SHALL BE CLASS U2 OR F2 AS APPROPRIATE.
- FOR DETAILS OF JOINT, REFER TO STD. DRG. NO. C2413.
- CONCRETE TO BE COLOURED AS SPECIFIED.
- FOR CATCHPITS CONSTRUCTED ON OR ADJACENT TO A FOOTPATH, STEEL GRATINGS (SEE DETAILS ON SHEET 2 OR SHEET 3) OR CONCRETE COVERS (SEE STD. DRG. NO. C2407) SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER.
- IF INSTRUCTED BY THE ENGINEER, HANDRAILING (SEE DETAIL 'J' ON SHEET 5; EXCEPT ON THE UPSLOPE SIDE) IN LIEU OF STEEL GRATINGS OR CONCRETE COVERS CAN BE ACCEPTED AS AN ALTERNATIVE SAFETY MEASURE FOR CATCHPITS NOT ON A FOOTPATH NOR ADJACENT TO IT. TOP OF THE HANDRAILING SHALL BE 1 000 mm MIN. MEASURED FROM THE ADJACENT GROUND LEVEL.
- MINIMUM INTERNAL CATCHPIT WIDTH SHALL BE 1 000 mm FOR CATCHPITS WITH A HEIGHT EXCEEDING 1 000 mm MEASURED FROM THE INVERT LEVEL TO THE ADJACENT GROUND LEVEL. AND, STEP IRONS (SEE DSD STD. DRG. NO. DS1043) AT 300 mm c/c STAGGERED SHALL BE PROVIDED. THICKNESS OF CATCHPIT WALL FOR INSTALLATION OF STEP IRONS SHALL BE INCREASED TO 150 mm.
- FOR RETROFITTING AN EXISTING CATCHPIT WITH STEEL GRATING, SEE DETAIL 'G' ON SHEET 4.
- ALL STEEL ANGLES SHALL COMPLY WITH BS EN 10025 AND BS EN 10056.
- UNLESS OTHERWISE SPECIFIED, ALL WELDS SHALL BE 5 mm CONTINUOUS FILLET WELDS.
- ALL WELDS SHALL BE CHIPPED, GROUND SMOOTH, BRUSHED TO REMOVE SLAG PRIOR TO HOT-DIP GALVANIZATION.
- ALL STEELWORK SHALL BE HOT-DIP GALVANIZED TO BS EN ISO 1461. ALL EXPOSED STEELWORK SURFACES SHALL BE TREATED AND PAINTED IN ACCORDANCE WITH THE GENERAL SPECIFICATION.
- SUBJECT TO THE APPROVAL OF THE ENGINEER, OTHER MATERIALS CAN ALSO BE USED AS COVERS / GRATINGS.

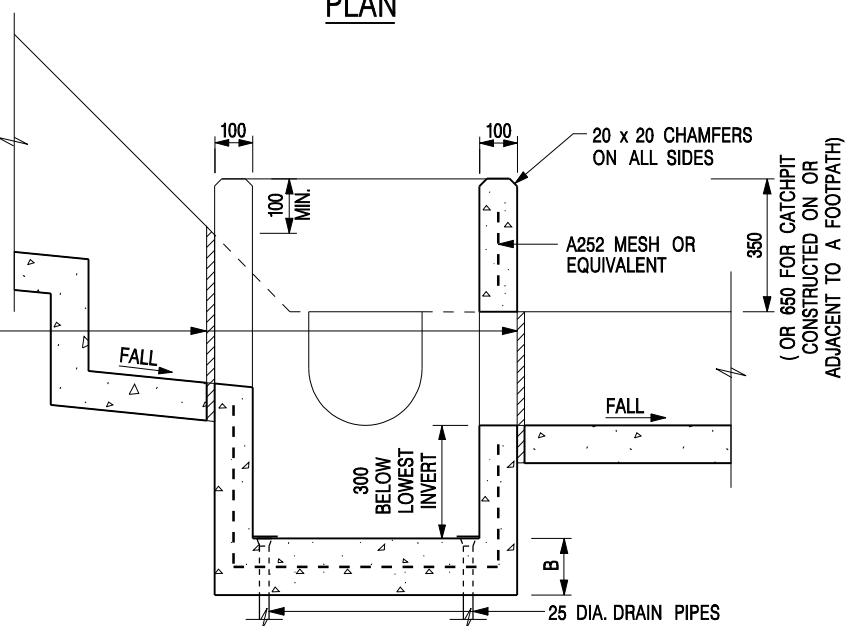
STANDARD CATCHPIT DETAILS
(SHEET 5 OF 5)

-	FORMER DRG. NO. C2405J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE
 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT			
SCALE AS SHOWN		DRAWING NO. C2405 /5	
DATE JAN 1991			



NOMINAL SIZE (LARGEST OF H1, H2, H3 & H4)	B
300 - 600	150
675 - 900	175

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- REFER TO SHEET 2 FOR OTHER NOTES.

CATCHPIT WITH TRAP
(SHEET 1 OF 2)

-	FORMER DRG. NO. C2406J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE



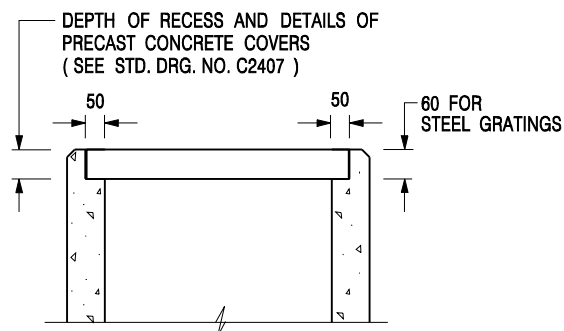
CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

SCALE 1 : 20

DATE JAN 1991

DRAWING NO.

C2406 /1



ALTERNATIVE TOP SECTION FOR PRECAST CONCRETE COVERS / GRATINGS

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL CONCRETE SHALL BE GRADE 20 /20.
3. CONCRETE SURFACE FINISH SHALL BE CLASS U2 OR F2 AS APPROPRIATE.
4. FOR DETAILS OF JOINT, REFER TO STD. DRG. NO. C2413.
5. CONCRETE TO BE COLOURED AS SPECIFIED.
6. UNLESS REQUESTED BY THE MAINTENANCE PARTY AND AS DIRECTED BY THE ENGINEER, CATCHPIT WITH TRAP IS NORMALLY NOT PREFERRED DUE TO PONDING PROBLEM.
7. UPON THE REQUEST FROM MAINTENANCE PARTY, DRAIN PIPES AT CATCHPIT BASE CAN BE USED BUT THIS IS FOR CATCHPITS LOCATED AT SLOPE TOE ONLY AND AS DIRECTED BY THE ENGINEER.
8. FOR CATCHPITS CONSTRUCTED ON OR ADJACENT TO A FOOTPATH, STEEL GRATINGS (SEE DETAIL 'A' ON STD. DRG. NO. C2405 /2) OR CONCRETE COVERS (SEE STD. DRG. NO. C2407) SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER.
9. IF INSTRUCTED BY THE ENGINEER, HANDRAILING (SEE DETAIL 'J' ON STD. DRG. NO. C2405 /5; EXCEPT ON THE UPSLOPE SIDE) IN LIEU OF STEEL GRATINGS OR CONCRETE COVERS CAN BE ACCEPTED AS AN ALTERNATIVE SAFETY MEASURE FOR CATCHPITS NOT ON A FOOTPATH NOR ADJACENT TO IT. TOP OF THE HANDRAILING SHALL BE 1 000 mm MIN. MEASURED FROM THE ADJACENT GROUND LEVEL.
10. MINIMUM INTERNAL CATCHPIT WIDTH SHALL BE 1 000 mm FOR CATCHPITS WITH A HEIGHT EXCEEDING 1 000 mm MEASURED FROM THE INVERT LEVEL TO THE ADJACENT GROUND LEVEL. AND, STEP IRONS (SEE DSD STD. DRG. NO. DS1043) AT 300 c/c STAGGERED SHALL BE PROVIDED. THICKNESS OF CATCHPIT WALL FOR INSTALLATION OF STEP IRONS SHALL BE INCREASED TO 150 mm.
11. FOR RETROFITTING AN EXISTING CATCHPIT WITH STEEL GRATING, SEE DETAIL 'G' ON STD. DRG. NO. C2405 /4.
12. SUBJECT TO THE APPROVAL OF THE ENGINEER, OTHER MATERIALS CAN ALSO BE USED AS COVERS / GRATINGS.

A	MINOR AMENDMENT.	Original Signed	04.2016
-	FORMER DRG. NO. C2406J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE

**CATCHPIT WITH TRAP
(SHEET 2 OF 2)**



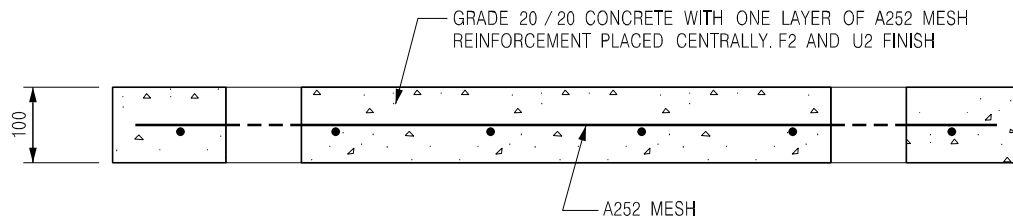
**CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT**

SCALE 1 : 20

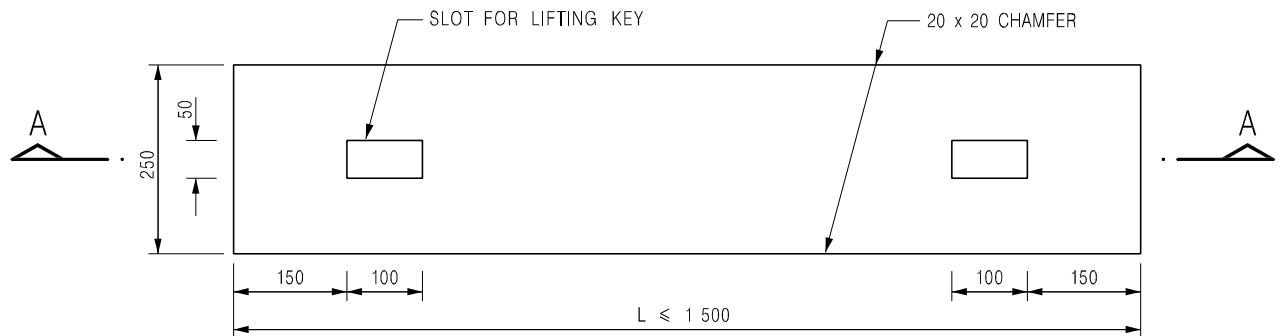
DATE JAN 1991

DRAWING NO.

C2406 /2A

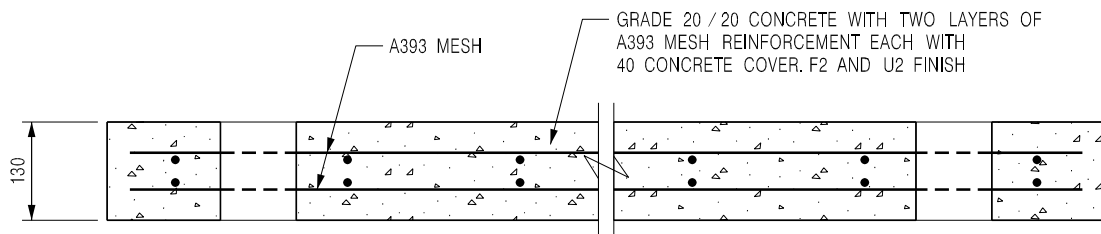


SECTION A - A

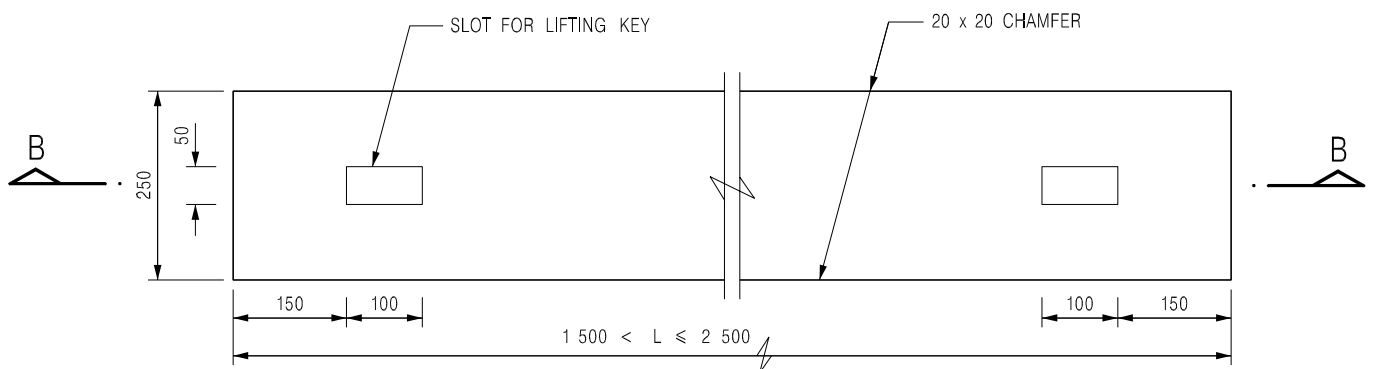


PLAN

TYPE 1 - FOR SPAN UP TO 1.5 m



SECTION B - B



PLAN

TYPE 2 - FOR SPANS 1.5 m TO 2.5 m

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL EXTERNAL EDGES OF THE COVERS SHALL BE 20mm CHAMFERED.

B	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
A	GENERAL REVISION	Original Signed	12.2002
REF.	REVISION	SIGNATURE	DATE

**PRECAST CONCRETE COVERS
FOR CATCHPIT AND SAND TRAP**

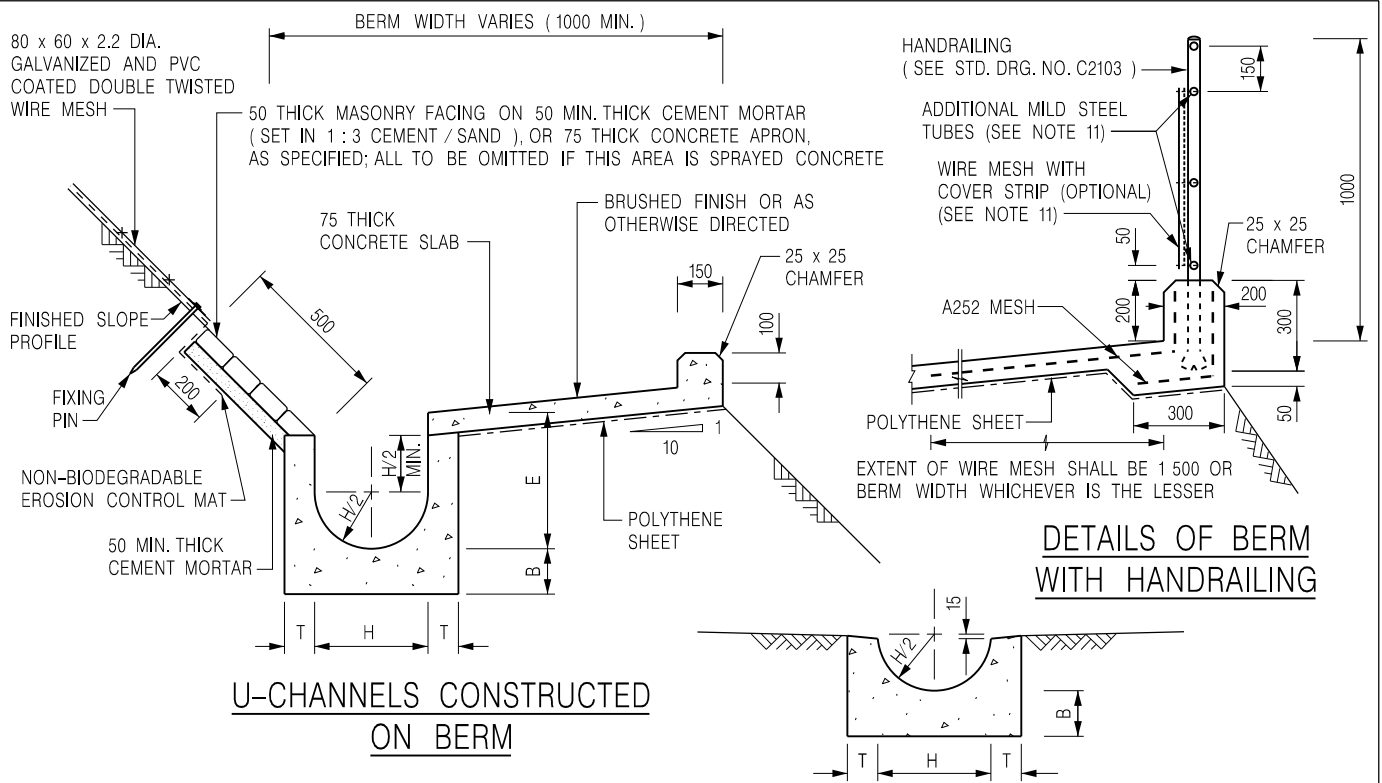


**CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT**

SCALE 1 : 10

DATE JAN 1991

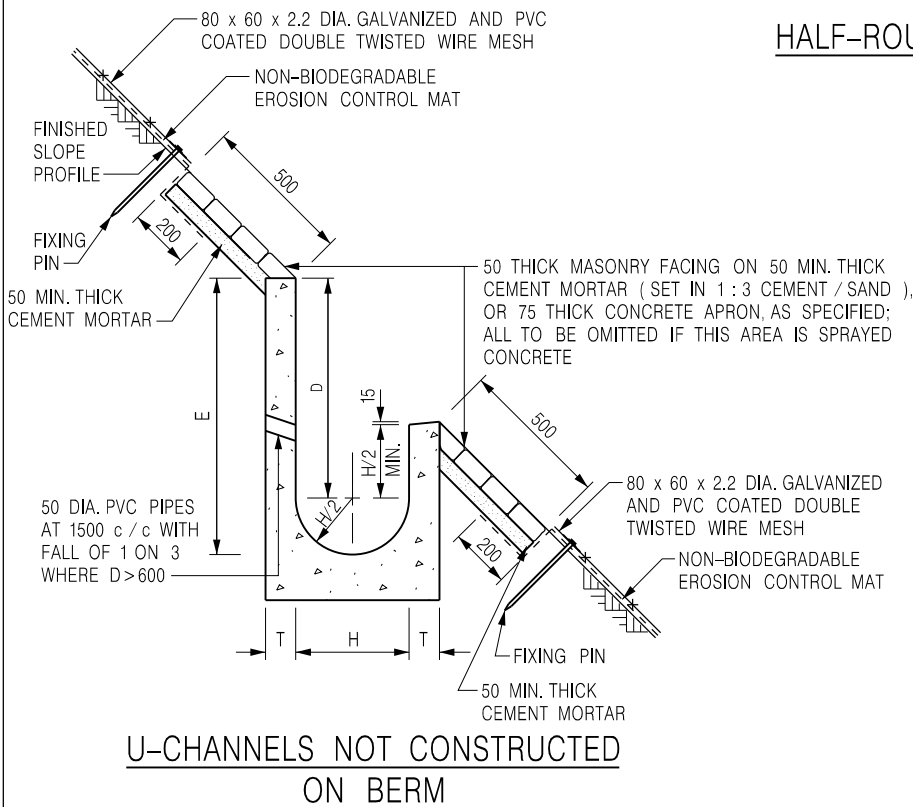
DRAWING NO.
C2407B



HALF-ROUND CHANNEL

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL CONCRETE TO BE GRADE 20 / 20.
3. CONCRETE SURFACE FINISH SHALL BE CLASS U2, F2 OR BRUSHED FINISH AS DIRECTED.
4. SPACING OF EXPANSION JOINT IN CHANNELS, BERM SLABS AND APRONS TO BE 10 METRES MAXIMUM, SEE STD. DRG. NO. C2413 FOR DETAILS.
5. JOINTS FOR CHANNELS, BERM SLABS, APRONS AND WALLS, ETC. TO BE ON THE SAME ALIGNMENT.
6. FOR DIMENSIONS T, H, & B, SEE TABLE BELOW.
7. BIODEGRADABLE EROSION CONTROL MAT IF REQUIRED, SEE STD. DRG. NO. C2511/E.
8. CONCRETE TO BE COLOURED AS SPECIFIED.
9. CONCRETE U-CHANNEL CAN BE CAST IN-SITU OR PRECAST CONCRETE SUBJECT TO THE ENGINEER'S AGREEMENT ON THE DETAILS.
10. DETAILS OF EROSION CONTROL MAT AND WESH MESH ON BERM. (SEE STD. DRG. NO. C2511/E)
11. THE WIRE MESH ON HANDRAILING IS OPTIONAL. THE COVER STRIP AND ADDITIONAL MILD STEEL TUBES ARE NEEDED ONLY IF WIRE MESH IS PROVIDED. (SEE STD. DRG. NO. C2103)



NOMINAL SIZE H	T	B	REINFORCEMENT
300	80	100	A252 MESH PLACED CENTRALLY AND T=100 WHEN E>650
375 - 600	100	150	
675 - 900	125	175	A252 MESH PLACED CENTRALLY

DETAILS OF HALF-ROUND AND U-CHANNELS (TYPE A - WITH MASONRY APRON)

J	DETAILS OF HANDRAILING AMENDED.	Original Signed	08.2024
I	MINOR AMENDMENT.	Original Signed	07.2018
H	THICKNESS OF MASONRY FACING AMENDED.	Original Signed	01.2005
G	MINOR AMENDMENT.	Original Signed	01.2004
F	GENERAL REVISION.	Original Signed	12.2002
REF.	REVISION	SIGNATURE	DATE



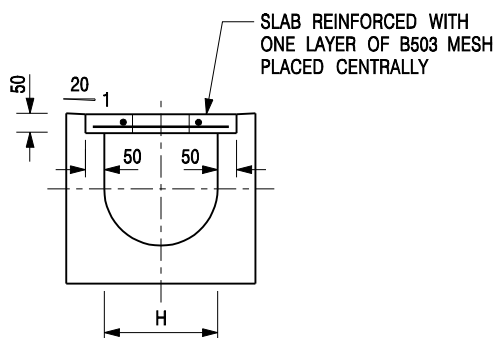
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 25

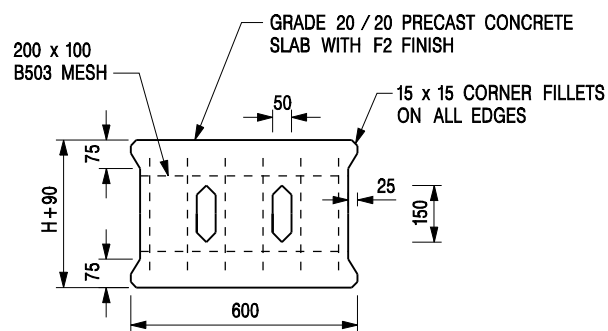
DATE JAN 1991

DRAWING NO.

C2409J



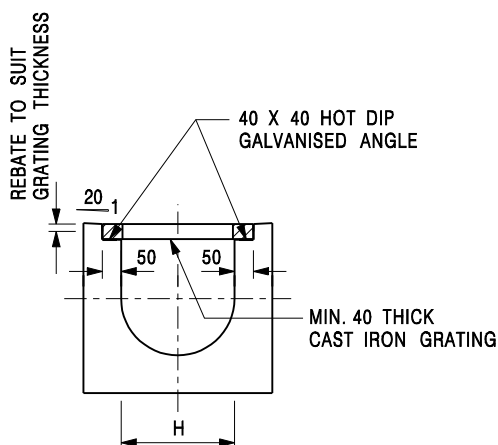
TYPICAL SECTION



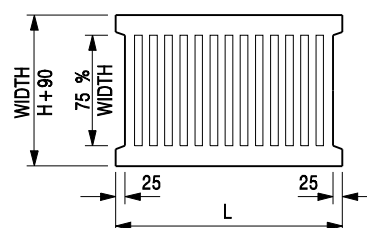
PLAN OF SLAB

U-CHANNELS WITH PRECAST CONCRETE SLABS

(UP TO H OF 525)



TYPICAL SECTION



L = 600mm FOR H ≤ 375mm
L = 400mm FOR H > 375mm

CAST IRON GRATING

(DIMENSIONS ARE FOR GUIDANCE ONLY, CONTRACTOR MAY SUBMIT EQUIVALENT TYPE)

U-CHANNEL WITH CAST IRON GRATING

(UP TO H OF 525)

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- H=NOMINAL CHANNEL SIZE.
- ALL CAST IRON FOR GRATINGS SHALL BE GRADE EN-GJL-150 COMPLYING WITH BS EN 1561.
- FOR COVERED CHANNELS TO BE HANDED OVER TO HIGHWAYS DEPARTMENT FOR MAINTENANCE, THE GRATING DETAILS SHALL FOLLOW THOSE AS SHOWN ON HyD STD. DRG. NO. H3156.

E	NOTES 3 & 4 AMENDED.	Original Signed	12.2014
D	NOTE 4 ADDED.	Original Signed	06.2008
C	MINOR AMENDMENT. NOTE 3 ADDED.	Original Signed	12.2005
B	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
A	CAST IRON GRATING AMENDED.	Original Signed	12.2002
REF.	REVISION	SIGNATURE	DATE

**COVER SLAB AND CAST IRON
GRATING FOR CHANNELS**



**CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT**

SCALE 1 : 20

DATE JAN 1991

DRAWING NO.
C2412E