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**Subject:** Interface - Noise mitigation measure between TMR and TWR

**Importance:** High



SKMBT\_600070504  
14391.pdf

-----Original Message-----

From: Ling, Yin Chung Steven [mailto:Steven.Ling@maunsell.aecom.com]  
Sent: Friday, May 04, 2007 2:38 PM  
To: Stanley Chan  
Cc: Li, Yuk Lam Jack; se1tmr.mw@hyd.gov.hk  
Subject: RE: Interface - Noise mitigation measure between TMR and TWR  
Importance: High

Dear Stanley,  
As requested, please find attached layout plan showing the extent and section of the proposed noise barrier at Tsuen Wan section which submitted to ACABAS committee on 2 May 2007.

Regards,

Steven Ling  
Project Engineer

-----Original Message-----

From: Stanley Chan [mailto:stanley.chan@scottwilson.com.hk]  
Sent: Friday, May 04, 2007 11:51 AM  
To: Li, Yuk Lam Jack  
Cc: 'Tony K L Cheung (E-mail)'; 'ChanAlan (E-mail)'; 'Peter Tai (E-mail)'  
Subject: RE: Interface - Noise mitigation measure between TMR and TWR  
Importance: High

Hello Jack,

I am not sure if your Steven sent me the required information for our study.  
Grateful if you could urgently send me once more if Steven did so.  
Thanks a lot.

Regards,  
Stan...

-----Original Message-----

From: Li, Yuk Lam Jack [mailto:Jack.Li@maunsell.aecom.com]  
Sent: Thursday, April 26, 2007 12:05 PM  
To: Stanley Chan  
Cc: Tony K L Cheung (E-mail); ChanAlan (E-mail); Peter Tai (E-mail)  
Subject: RE: Interface - Noise mitigation measure between TMR and TWR

Stanley,

Our Steven Ling will provide to you the necessary info. Please note below my new telephone no.

Jack Li  
Principal Engineer  
Maunsell AECOM  
Tel No. 2685 6224

-----Original Message-----

From: Stanley Chan [mailto:stanley.chan@scottwilson.com.hk]

Sent: Thursday, April 26, 2007 10:17 AM

To: Li, Yuk Lam Jack

Cc: Tony K L Cheung (E-mail); ChanAlan (E-mail); Peter Tai (E-mail)

Subject: Interface - Noise mitigation measure between TMR and TWR

Importance: High

Dear Jack,

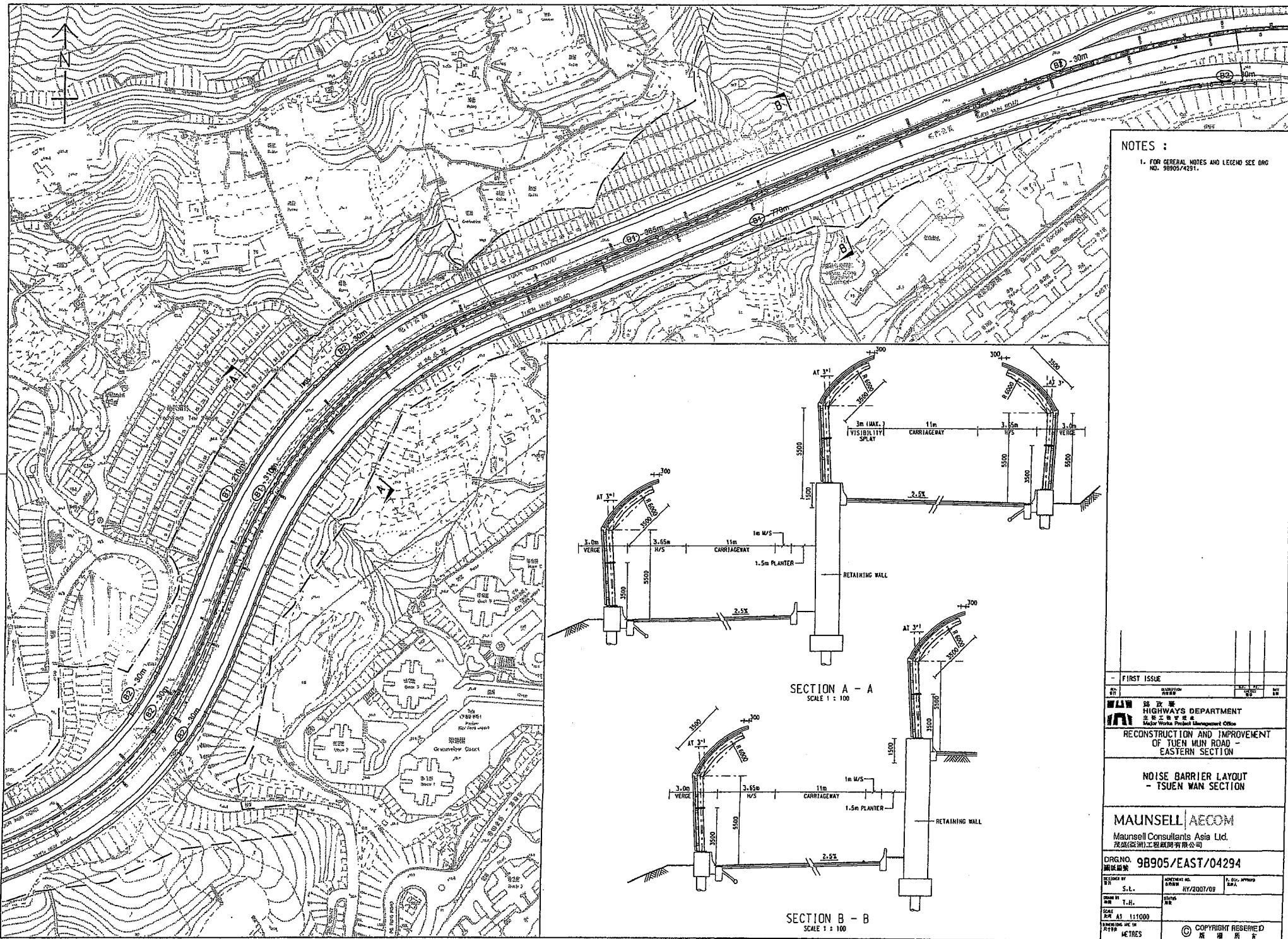
I have tried to call just now, but you might not be available to answer.

I understand that, as to the noise mitigation measure (NMM) for TMR, there are a couple of issues being finalized: (1) Extent and type (enclosure / barrier) of NMM; (2) Appearance of NMM.

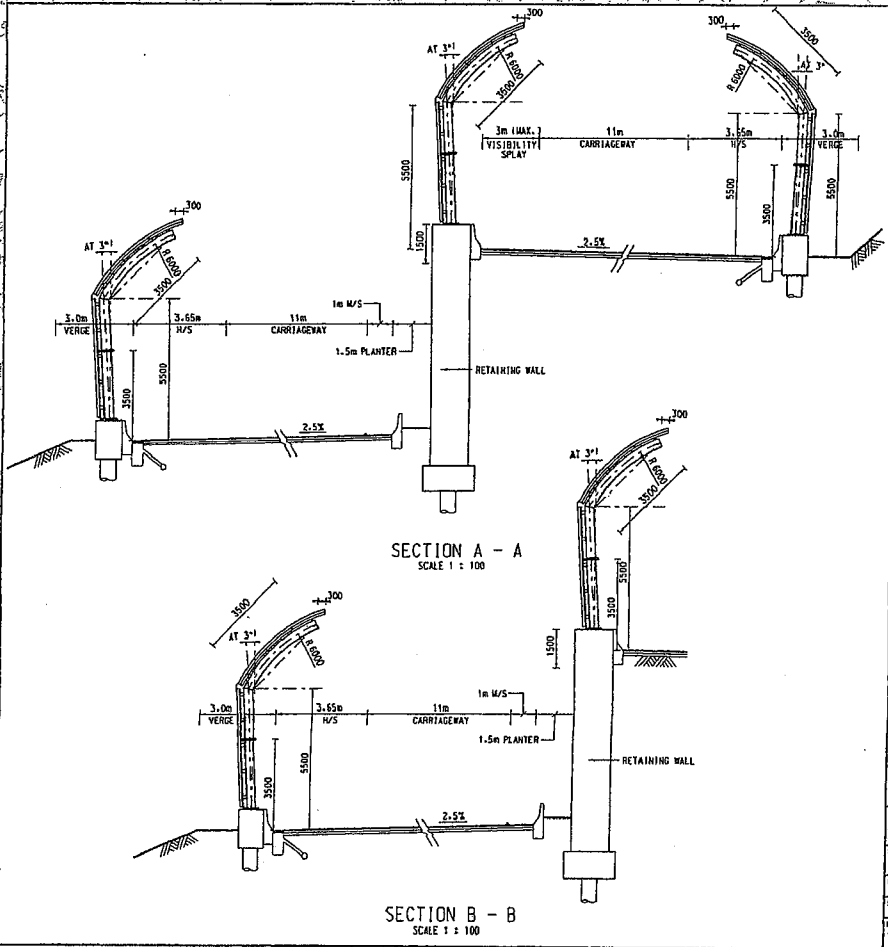
Grateful if you could provide us, preferably on or before April 30, with the latest information of the said issues as we are going to finish our noise assessment and preparation for ACABAS in June.

Liaison meeting would be welcome should you consider it is required. Please do not hesitate to call me (2410-3725) for further discussion.

Regards,  
Stan...



NOTES :  
 1. FOR GENERAL NOTES AND LEGEND SEE DRG NO. 98905/4291.



FIRST ISSUE

DESIGNED BY  
 HIGHWAYS DEPARTMENT  
 道路工程處

RECONSTRUCTION AND IMPROVEMENT  
 OF TSUEN WAN ROAD -  
 EASTERN SECTION

NOISE BARRIER LAYOUT  
 - TSUEN WAN SECTION

MAUNSELL | AECOM  
 Maunsell Consultants Asia Ltd.  
 茂盛(亞洲)工程顧問有限公司

DRGNO. 98905/EAST/04294

DESIGNED BY S.L.	APPROVED BY RY/2007/09	DATE 2007
DRAWN BY Y.J.L.	CHECKED BY S.H.K.	SCALE AS SHOWN
SCALE AS SHOWN 1:1000		
METRES		

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**Subject:** FW: Panorama semi-enclosure

-----Original Message-----

**From:** alanylchan@cedd.gov.hk [mailto:alanylchan@cedd.gov.hk]  
**Sent:** Friday, October 05, 2007 3:52 PM  
**To:** rodney.ip@scottwilson.com.hk  
**Subject:** Panorama semi-enclosure

Dear Rodney,

Please find below HyD's email enclosing the proposed semi-enclosure in the slip road from Castle Peak Road to Tuen Mun Road.

Regards,  
Alan

----- Forwarded by ALAN YL CHAN/CEDD/HKSARG on 05.10.2007 15:52 -----

Tony KL Cheung

28.09.2007 15:37

To: ALAN YL CHAN/CEDD/HKSARG  
cc: DUNCAN SAU CHING SIU/CEDD/HKSARG@CEDD  
Subject: Panorama semi-enclosure

Alan,

We need to discuss with HyD & MCAL on the interface arrangement. Pls pass the drawings to SW and arrange a meeting with HyD.

Tony

----- Forwarded by Tony KL Cheung/CEDD/HKSARG on 28.09.2007 15:35 -----

Shiu Chuen WONG@HYD

28.09.2007 11:22

To: Tony KL Cheung/CEDD/HKSARG@CEDD  
cc: Patrick LT CHAN/HYD/HKSARG@HYD  
Chi Yung TANG/HYD/HKSARG@HYD  
Subject: Panorama semi-enclosure

Dear Tony,

The below email from MCAL concerning details of the semi-enclosure fronting Panorama is for your information as requested.

SCW

----- Forwarded by Shiu Chuen WONG/HYD/HKSARG on 28/09/2007 11:23 -----

"Ling, Yin Chung Steven" <Steven.Ling@maunsell.aecom.com>

28/09/2007 09:43

5/12/2007

File Ref.: EDMS No.: Doc Src.:

To: <se1ttr.mw@hyd.gov.hk>  
cc: "Li, Yuk Lam Jack" <Jack.Li@maunsell.aecom.com>  
Subject: Panorama semi-enclosure

SC,

Please find attached drawings showing the plan and section of semi-enclosure at Panorama for your retention.

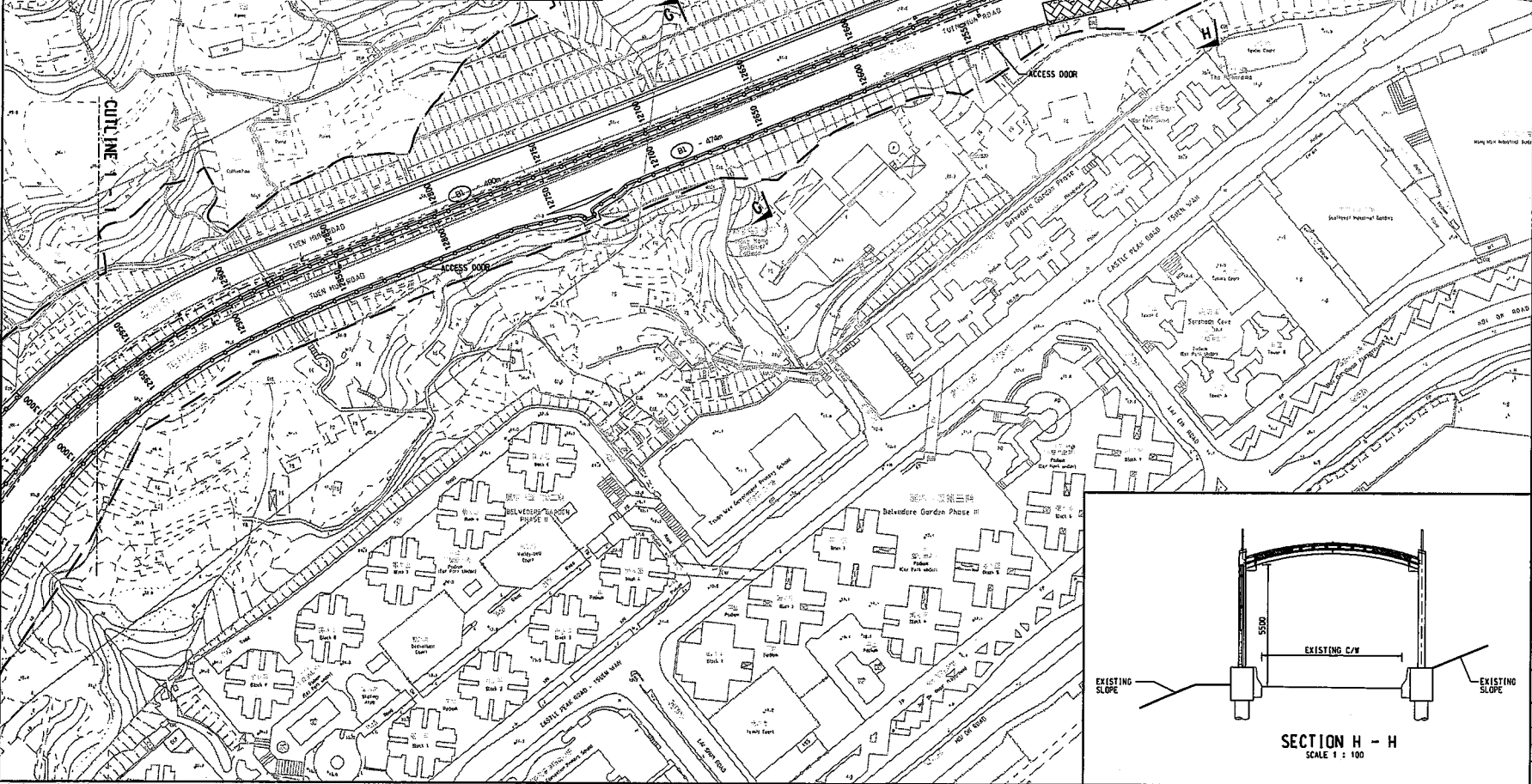
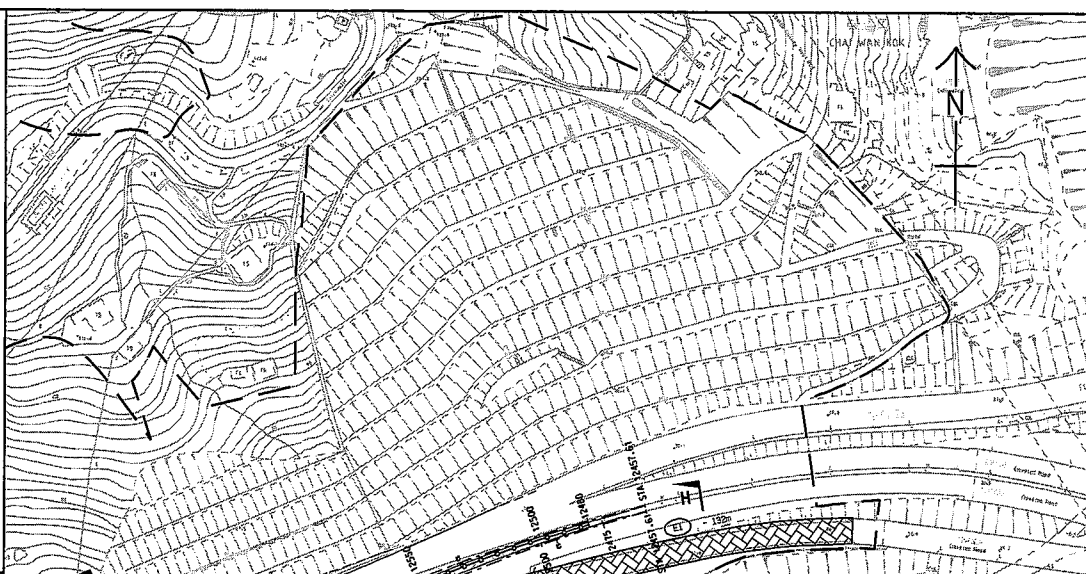
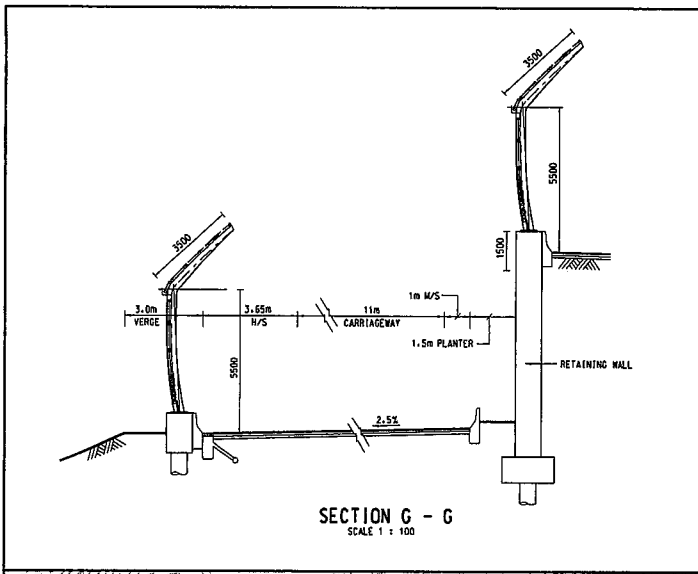
Regards,

Steven Ling  
Project Engineer


Maunsell Consultants Asia Ltd  
8/F, Grand Cental Plaza, Tower 2  
138 Shatin Rural Committee Road, Shatin, HK  
T (852) 2685 6409 F (852) 2691 2649  
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5/12/2007



**NOTES :**  
 1. FOR GENERAL NOTES AND LEGENDS SEE DRG. NO. 98905/EAST/4291.

**LEGEND :**  
 NOISE SEMI ENCLOSURE FOR LAYOUT REFER TO DRG. 98905/EAST/4304-4307

NO.	REVISION	DATE

**MAUNSELL AECOM**  
 HIGHWAYS DEPARTMENT  
 RECONSTRUCTION AND IMPROVEMENT OF TUEN WAN ROAD - EASTERN SECTION

**NOISE BARRIER LAYOUT - TSUEN WAN SECTION**

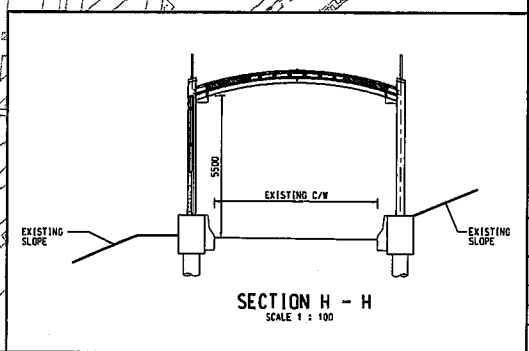
SHEET 2 OF 2

**MAUNSELL AECOM**  
 Maunsell Consultants Asia Ltd.  
 茂盛(亞洲)工程顧問有限公司

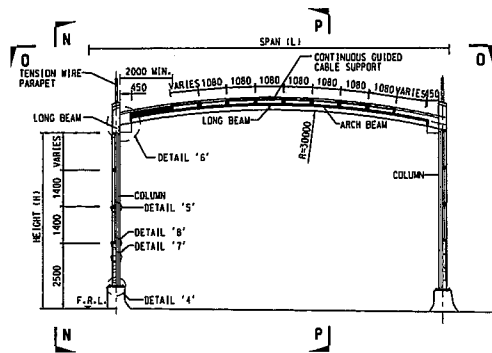
DRG. NO. 98905/EAST/04295

DESIGNED BY: S.L. CHECKED BY: HY/2007/09  
 DRAWN BY: ZHL. SCALE: 1:1000  
 DATE: 2007/09/09. UNITS: METRES

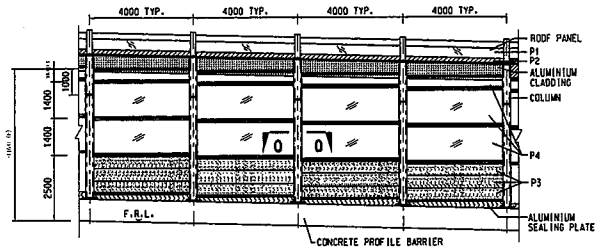
© COPYRIGHT RESERVED



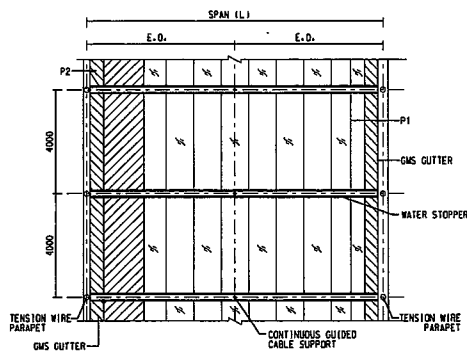
PROJECT NO. 98905



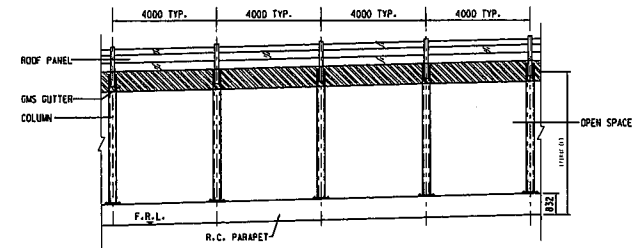
GENERAL ARRANGEMENT OF NOISE PANEL  
(NOISE BARRIER TYPE F1)  
SCALE 1 : 100



SECTION N - N  
SCALE 1 : 100



SECTION O - O  
SCALE 1 : 100



SECTION P - P  
SCALE 1 : 100  
(TENSION WIRE PARAPET NOT SHOWN FOR CLARITY)

NOTES:

1. FOR NOISE ENCLOSURE NOTES, REFER TO DRG. NO. 98905/EAST/4300.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG NOS-98905/EAST/4305 TO 4308.

TENDER DRAWING	
NO.	DATE

**HIGHWAYS DEPARTMENT**  
 公路工程署  
 Major Works Project Management Office  
**RECONSTRUCTION AND IMPROVEMENT OF TUEN MUN ROAD - EASTERN SECTION**

NOISE ENCLOSURE STEELWORK DETAILS

SHEET 5 OF 6

**MAUNSELL AECOM**  
 Maunsell Consultants Asia Ltd.  
 茂盛(亞洲)工程顧問有限公司

DRG. NO. 98905/EAST/04309

DESIGNED BY J.L.	CHECKED BY T.H.	DATE 11/2007/09	APPROVED BY (Signature)
SCALE AS SHOWN		UNITS MILLIMETRES	

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-----Original Message-----

**From:** alanylchan@cedd.gov.hk [mailto:alanylchan@cedd.gov.hk]  
**Sent:** Monday, May 21, 2007 10:25 AM  
**To:** rodney.ip@scottwilson.com.hk  
**Cc:** stanley.chan@scottwilson.com.hk  
**Subject:** RE: CE 7/2006 - Road layout

Dear Rodney,

Further to our site visit with EPD, I forward below MCAL's email enclosing the road layout of Yeung Uk Road project for your reference.

Regards,  
Alan  
2417 6528

----- Forwarded by ALAN YL CHAN/CEDD/HKSARG on 21/05/2007 10:22 -----

"Kwok, Ka Chun Gordon" <Gordon.Kwok@maunsell.aecom.com>

21/05/2007 09:18

To: <caineccng@cedd.gov.hk>  
cc: <mtlaw@cedd.gov.hk>  
<alanylchan@cedd.gov.hk>  
"Wong, Hung Man William" <hm.wong@maunsell.aecom.com>  
Subject: RE: CE 7/2006 - Road layout

Dear Caine,

Please find enclosed the road layout of Yeung Uk Road widening project for your use.

Regards,  
Gordon Kwok  
Project Engineer  
D (852) 2685 6151

Maunsell AECOM Group  
8/F, Grand Central Plaza, Tower 2  
138 Shatin Rural Committee Road, Shatin, HK  
T (852) 2685 6262 F (852) 2691 2649  
[www.maunsell.aecom.com](http://www.maunsell.aecom.com)

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**From:** caineccng@cedd.gov.hk [mailto:caineccng@cedd.gov.hk]  
**Sent:** Wednesday, May 16, 2007 1:57 PM  
**To:** Kwok, Ka Chun Gordon  
**Cc:** mtlaw@cedd.gov.hk; alanylchan@cedd.gov.hk  
**Subject:** CE 7/2006 - Road layout  
**Importance:** High

23/8/2007



Dear Gordon,

Please provide us a soft copy in dgn format of the agreed road layout of the Yeung Uk Road widening project for the use of the noise assessment purpose for the Tsuen Wan Road project. Your input by 18.5.2007 is requested.

Regards,  
Caine NG  
NT N&W Dev. Office, CEDD  
Tel: 2417 6343

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23/8/2007



**Subject:** Road Pavement Drawings



2122D.pdf



2121D.pdf

-----Original Message-----

From: alanylchan@cedd.gov.hk [mailto:alanylchan@cedd.gov.hk]

Sent: Monday, March 05, 2007 5:54 PM

To: Stanley.chan@scottwilson.com.hk

Cc: danny.ng@scottwilson.com.hk

Subject: Re: Road Pavement Drawings

Dear Stanely,

Please find below email from RE of Contract No. TW98/02 enclosing the proposed pavement details of the contract for your reference.

Regards,  
Alan

"Route 9 (ex-Route  
5) SRE Office" To:  
<alanylchan@cedd.gov.hk>  
<route5@netvigator.com> cc:  
Subject: Road Pavement  
Drawings

05/03/2007 17:37 |-----|  
[ ] Urgent

|-----| | [ ]  
Return Receipt | |-----  
|-----|

Dear Alan,

As per your request, pls. find attached two drawings showing the proposed pavement type at Castle Peak Road area.

As seen, only Tuen Mun Road Down Ramp and Bridge R1 (bridge connecting to Discovery Park) are paved with friction course (i.e. with dotted legend).

Regards,  
Alex, tel. 91912891(See attached file: 2122D.pdf)(See attached file:  
2121D.pdf)

**GENERAL NOTES**

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 95798/2126-2125.
- WHERE TEMPORARY OR PERMANENT REINSTATEMENT OF PAVEMENTS/FOOTPATHS IS REQUIRED, THE CONTRACTOR SHALL CONSTRUCT THESE WORKS IN ACCORDANCE WITH HYD STANDARD DRAWING NOS. H112, H112A, H112B, H112C, H112D, H112E, H112F, H112G, H112H AND H112I AS APPROPRIATE.
- TYPICAL TRANSITION DETAILS BETWEEN CONCRETE AND FLEXIBLE PAVEMENTS SHALL REFER TO HYD STANDARD DRAWING NOS. H111G.
- FOR ROADWORKS DETAILS, REFER TO DRAWING NO. 95798/2126.
- FOR SURFACING DETAILS OF ALL BRIDGES, UNDERPASSES, SUBWAY & FOOTBRIDGE, REFER TO THE STRUCTURES' DRAWINGS.

**LEGEND:**

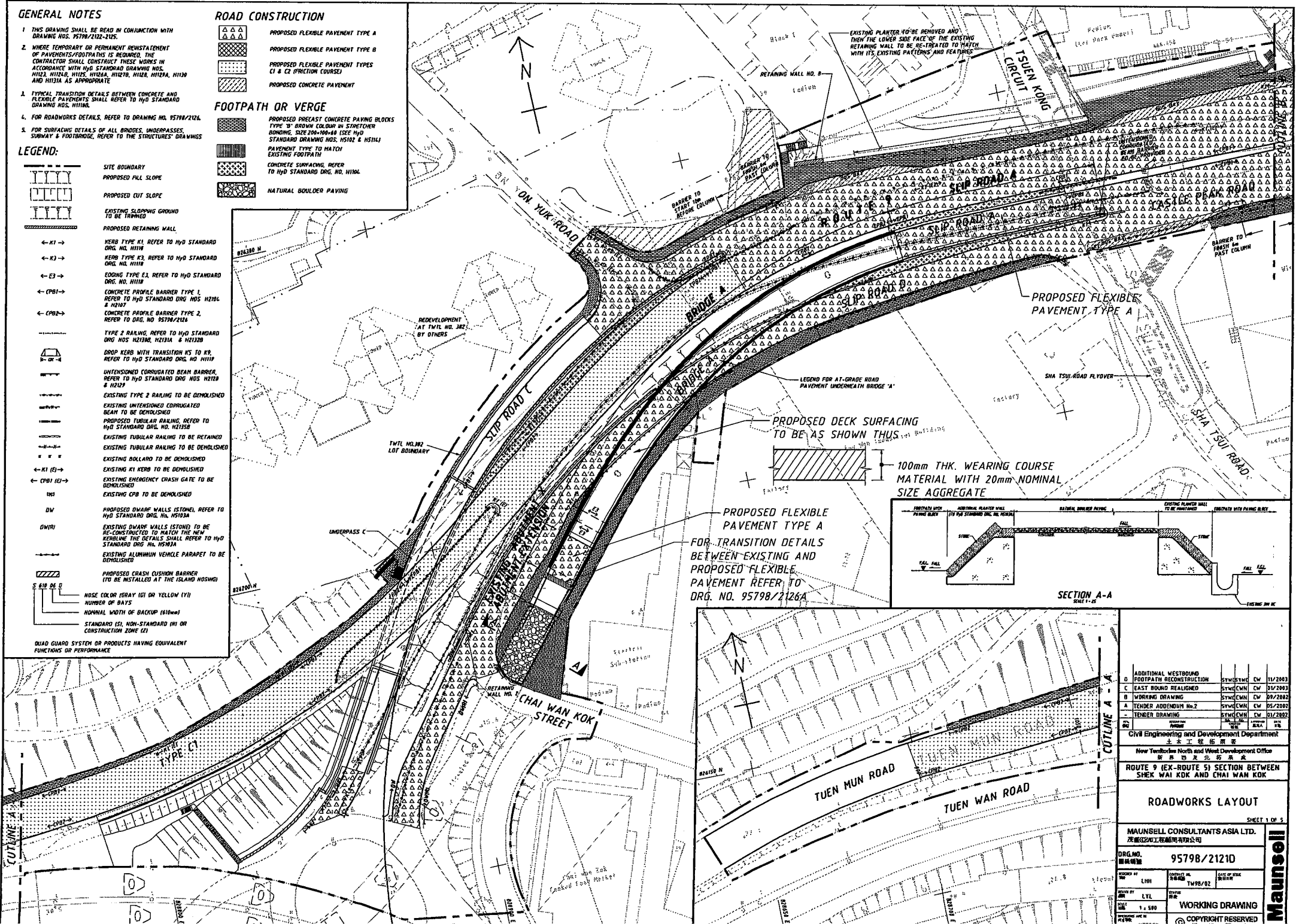
- SITE BOUNDARY
- PROPOSED FALL SLOPE
- PROPOSED CUT SLOPE
- EXISTING SLOPING GROUND TO BE TRIMMED
- PROPOSED RETAINING WALL
- KERB TYPE K1 REFER TO HYD STANDARD DRG. NO. H1118
- KERB TYPE K2 REFER TO HYD STANDARD DRG. NO. H1118
- EDGING TYPE E1 REFER TO HYD STANDARD DRG. NO. H1118
- CONCRETE PROFILE BARRIER TYPE 1, REFER TO HYD STANDARD DRG NOS H218L & H218T
- CONCRETE PROFILE BARRIER TYPE 2, REFER TO DRG. NO. 95798/2126
- TYPE 2 RAILING, REFER TO HYD STANDARD DRG NOS H2130L, H2131A & H2132B
- DROP KERB WITH TRANSITION K5 TO K2, REFER TO HYD STANDARD DRG. NO. H111P
- UNDIMENSIONED CORRUGATED BEAM BARRIER, REFER TO HYD STANDARD DRG NOS H2128 & H2129
- EXISTING TYPE 2 RAILING TO BE DEMOLISHED
- EXISTING UNDIMENSIONED CORRUGATED BEAM TO BE DEMOLISHED
- PROPOSED TUBULAR RAILING, REFER TO HYD STANDARD DRG. NO. H2135B
- EXISTING TUBULAR RAILING TO BE RETAINED
- EXISTING TUBULAR RAILING TO BE DEMOLISHED
- EXISTING BOLLARD TO BE DEMOLISHED
- EXISTING K1 KERB TO BE DEMOLISHED
- EXISTING EMERGENCY CRASH GATE TO BE DEMOLISHED
- EXISTING CPB TO BE DEMOLISHED
- PROPOSED DWARF WALLS (STONE), REFER TO HYD STANDARD DRG. NO. H5193A
- EXISTING DWARF WALLS (STONE) TO BE RE-CONSTRUCTED TO MATCH THE NEW KERBLINE THE DETAILS SHALL REFER TO HYD STANDARD DRG. NO. H5193A
- EXISTING ALUMINUM VEHICLE PARAPET TO BE DEMOLISHED
- PROPOSED CRASH CUSHION BARRIER (TO BE INSTALLED AT THE ISLAND HOUSING)
- NOSE COLOR (GRAY (G) OR YELLOW (Y) NUMBER OF BAYS)
- NOMINAL WIDTH OF BACKUP (100mm)
- STANDARD (S), NON-STANDARD (N) OR CONSTRUCTION ZONE (Z)
- DUAL GUARD SYSTEM OR PRODUCTS HAVING EQUIVALENT FUNCTIONS OR PERFORMANCE

**ROAD CONSTRUCTION**

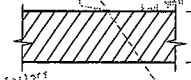
- PROPOSED FLEXIBLE PAVEMENT TYPE A
- PROPOSED FLEXIBLE PAVEMENT TYPE B
- PROPOSED FLEXIBLE PAVEMENT TYPES C1 & C2 (FRICTION COURSE)
- PROPOSED CONCRETE PAVEMENT

**FOOTPATH OR VERGE**

- PROPOSED PRECAST CONCRETE PAVING BLOCKS TYPE 'B' BROWN COLOUR IN STRETCHER BONDING, SIZE 200x100x40 (SEE HYD STANDARD DRAWING NOS. H5102 & H5104)
- PAVEMENT TYPE TO MATCH EXISTING FOOTPATH
- CONCRETE SURFACING, REFER TO HYD STANDARD DRG. NO. H101L
- NATURAL BOULDER PAVING

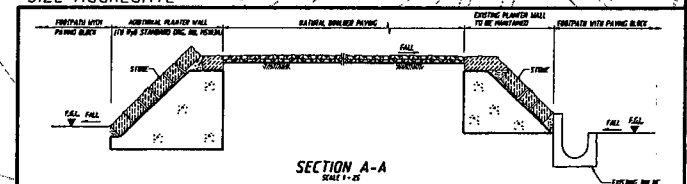


PROPOSED DECK SURFACING TO BE AS SHOWN THUS...



100mm THK. WEARING COURSE MATERIAL WITH 20mm NOMINAL SIZE AGGREGATE

PROPOSED FLEXIBLE PAVEMENT TYPE A FOR TRANSITION DETAILS BETWEEN EXISTING AND PROPOSED FLEXIBLE PAVEMENT REFER TO DRG. NO. 95798/2126A



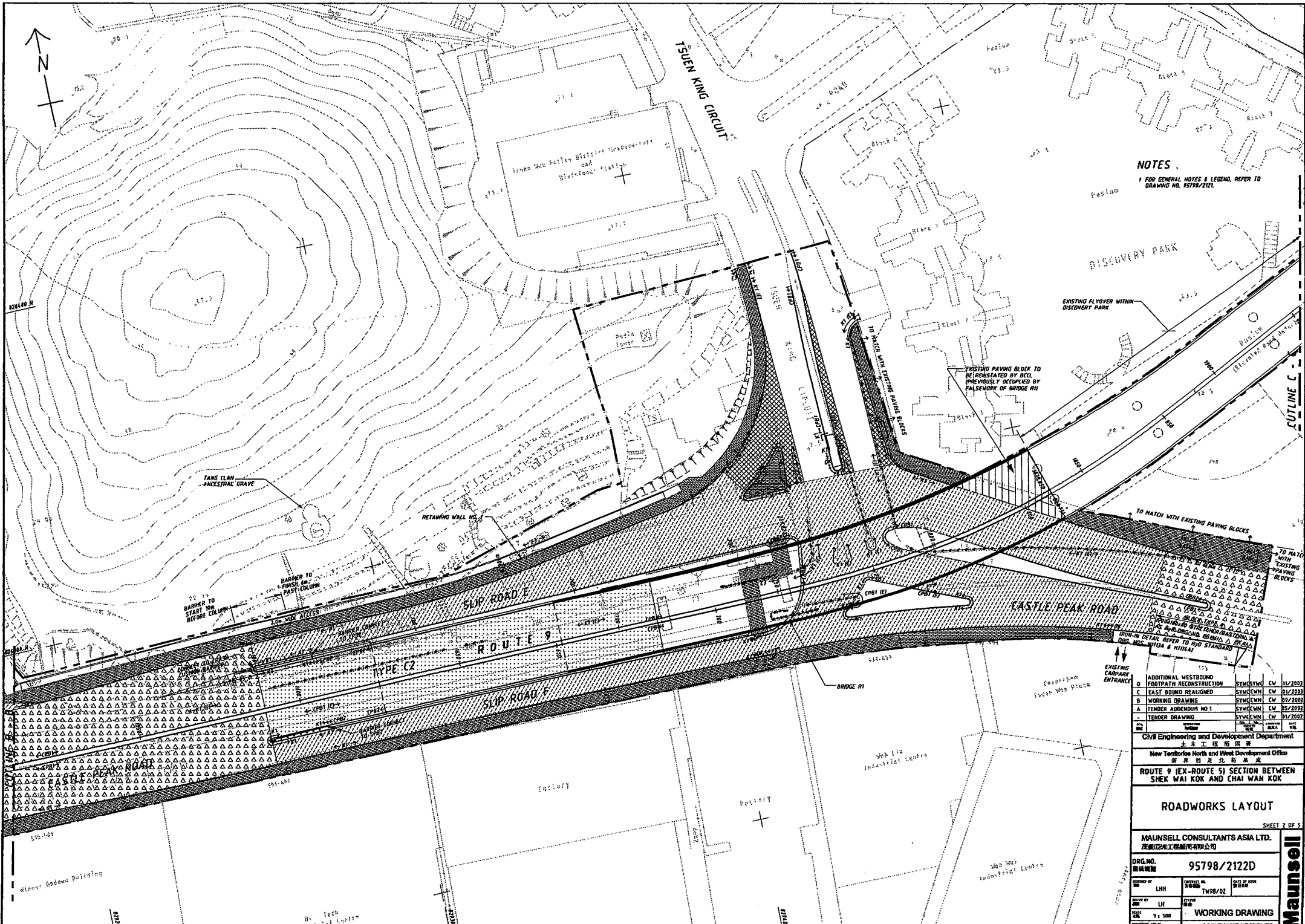
ADDITIONAL WESTBOUND FOOTPATH RECONSTRUCTION	SYN/CN	CV	11/2003
EAST BOUND REALIGNED	SYN/CN	CV	01/2003
WBRRING DRAWING	SYN/CN	CV	01/2002
TENDER ADDENDUM No.2	SYN/CN	CV	05/2003
TENDER DRAWING	SYN/CN	CV	01/2002
Project	NO.	DRX	78

Civil Engineering and Development Department  
 土木工程發展部  
 New Territories North and West Development Office  
 新界西北發展處  
 ROUTE 9 (EX-ROUTE 5) SECTION BETWEEN SHEK WAI KOK AND CHAI WAN KOK

**ROADWORKS LAYOUT**

MAUNSELL CONSULTANTS ASIA LTD. 茂業(亞洲)工程顧問有限公司			
DRG. NO. 圖紙編號	95798/2121D		
PROJECT NO. 項目編號	LH1	DATE OF ISSUE 發行人	12/02/02
SCALE BY 比例尺	LVL	DATE OF DRAWING 日期	12/02/02
SCALE 比例尺	1:500	<b>WORKING DRAWING</b>	
COPYRIGHT RESERVED			

**Mansell**



**NOTES**  
 1 FOR GENERAL NOTES & LEGEND, REFER TO DRAWING NO. 95798/2122

ADDITIONAL WESTBOND FOOTPATH RECONSTRUCTION	SYN/CMN	EW	11/2023
EAST BOUND REALIGNED	SYN/CMN	EW	01/2023
B WORKING DRAWING	SYN/CMN	EW	09/2022
A TENDER ADDENDUM NO 1	SYN/CMN	EW	05/2022
TENDER DRAWING	SYN/CMN	EW	01/2022

Civil Engineering and Development Department  
 土木工程發展處  
 New Territories North and West Development Office  
 新界西北區發展處  
**ROUTE 9 (EX-ROUTE 5) SECTION BETWEEN SHEK WAI KOK AND CHAI WAN KOK**

**ROADWORKS LAYOUT**

SHEET 2 OF 5  
**MAUNSELL CONSULTANTS ASIA LTD.**  
 茂業(亞洲)顧問有限公司

DRG. NO. 圖號	95798/2122D		
DESIGNED BY 設計人	LHJ	CHECKED BY 校核人	DATE OF ISSUE 發行人日期
DATE OF ISSUE	TWR8/02	DATE OF ISSUE	
SCALE 比例	1:500	DATE OF ISSUE	
DATE OF ISSUE		DATE OF ISSUE	

WORKING DRAWING  
 圖樣  
 © COPYRIGHT RESERVED



---

**Subject:** FW: Low-noise surfacing (friction course pavement) along the existing Tsuen Wan Road

-----Original Message-----

**From:** mehsrw1.nt@hyd.gov.hk [mailto:mehsrw1.nt@hyd.gov.hk]

**Sent:** Friday, July 13, 2007 4:15 PM

**To:** Stanley Chan

**Cc:** Rodney Ip (E-mail); miowhsrw1.nt@hyd.gov.hk

**Subject:** RE: Low-noise surfacing (friction course pavement) along the existing Tsuen Wan Road

Dear Stanley,

Info. as requested.

Peter

"Stanley Chan" <stanley.chan@scottwilson.com.hk>

13/07/2007 14:47

File Ref.:

EDMS No.: Doc Src.:

To: <mehsrw1.nt@hyd.gov.hk>

cc: "Rodney Ip \ (E-mail)" <rodney.ip@scottwilson.com.hk>

Subject: RE: Low-noise surfacing (friction course pavement) along the existing Tsuen Wan Road

Dear Peter,

Thanks. It would be nice to have it early next week as we are going to submit our noise assessment to EPD next Tue. Thanks a lot!

Regards,

Stan...

-----Original Message-----

**From:** mehsrw1.nt@hyd.gov.hk [mailto:mehsrw1.nt@hyd.gov.hk]

**Sent:** Friday, July 13, 2007 1:29 PM

**To:** Stanley Chan

**Cc:** miowhsrw1.nt@hyd.gov.hk

**Subject:** Re: Low-noise surfacing (friction course pavement) along the existing Tsuen Wan Road

Dear Stanley,

Our drawing office is preparing the drawing for you. I think I could sent it to you next week.

15/8/2007

Peter

"Stanley Chan" <stanley.chan@scottwilson.com.hk>

10/07/2007 14:27

File Ref.:

EDMS No.: Doc Src.:

To: <mehsrwl.nt@hyd.gov.hk>  
cc: "Tony K L Cheung (E-mail)" <klcheung@cedd.gov.hk>, "Chan Alan (E-mail)" <alanylchan@cedd.gov.hk>, <psn@epd.gov.hk>, <isaac@epd.gov.hk>, "Peter Tai (E-mail)" <peter.tai@scottwilson.com.hk>, "Rodney Ip (E-mail)" <rodney.ip@scottwilson.com.hk>  
Subject: Low-noise surfacing (friction course pavement) along the existing Tsuen Wan Road

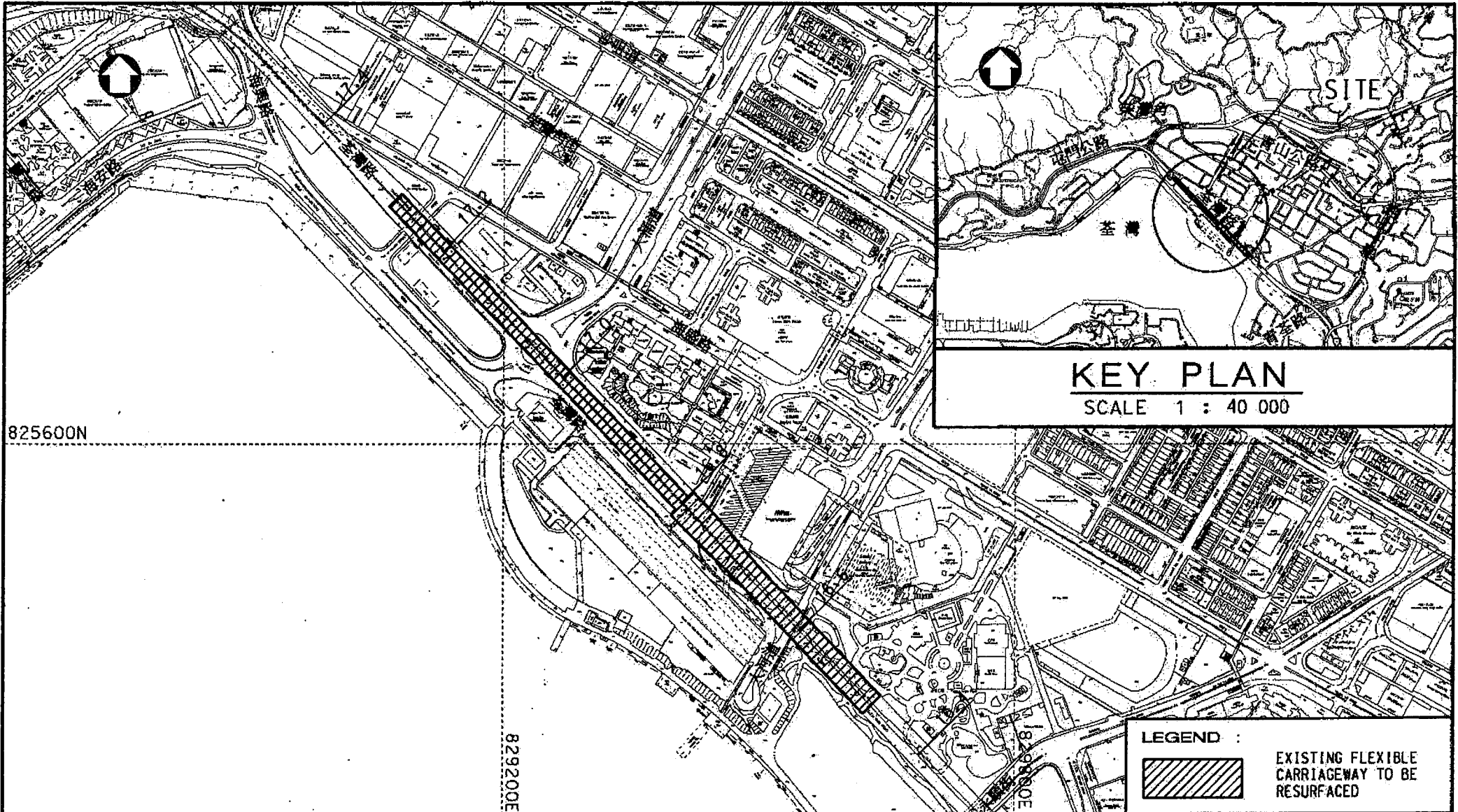
Dear Mr. Pong,

As discussed earlier on, we would be grateful if we could have the latest as-built (or working) drawings showing the extent of "low-noise surfacing" work being constructed on the existing Tsuen Wan Road carriageway in order to facilitate our EIA noise assessment for the Tsuen Wan Road Upgrading project.

Should you have query or further information, please contact me at 2410-3725.


Regards,  
Stan...

15/8/2007



**LEGEND :**

 EXISTING FLEXIBLE CARRIAGEWAY TO BE RESURFACED

title <b>RESURFACING OF HIGH SPEED ROAD          TSUEN WAN ROAD , BOTH BOUND          CH 16.48 - 17.28, FULL WIDTH</b>	drawn by K.F. YIP, TO(5)A <i>mf</i>	date 11.7.2007	approved C.M. TANG S M E / H S R ( W )	date 11.7.2007	drawing no. HNH16HY03-GL2075	scale 1 : 6000
	checked by PTO / STO T.H. KWONG, STO(5) <i>K</i>	date 11.7.2007	office HIGHWAYS / N.T. REGION	 <b>HIGHWAYS          DEPARTMENT          HONG KONG</b>		
	checked by Engineer / CTO K.F. PONG, ME/HSR(W1)	date 11.7.2007	Profile: //rd012/ntdw/CAD/.../HNH16HY03-GL2075.dgn			