

LOCATION PLAN  
SCALE 1 : 20000

OPTION A



LOCATION PLAN  
SCALE 1 : 20000

OPTION B

- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

Consultants  
**Mannings (Asia) Consultants Ltd**  
*in association with*  
**BMT Asia Pacific**

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LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING  
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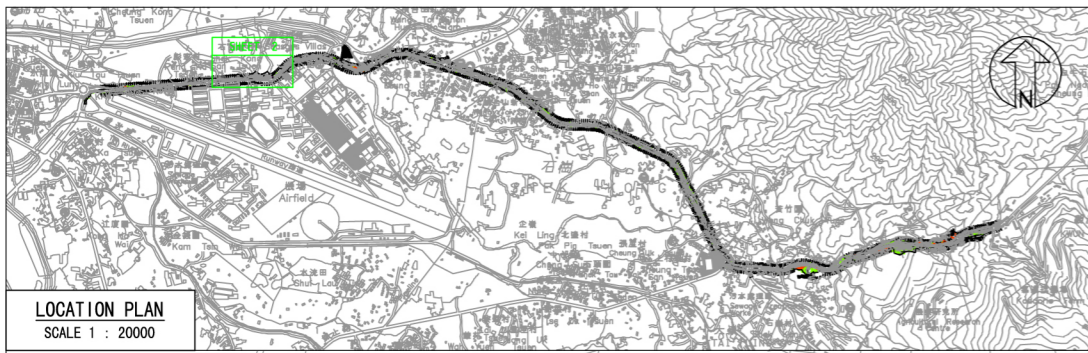
Project  
Agreement No. WD 7/2007  
Upgrading of Remaining Sections  
of Kam Tin Road & Lam Kam Road  
Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

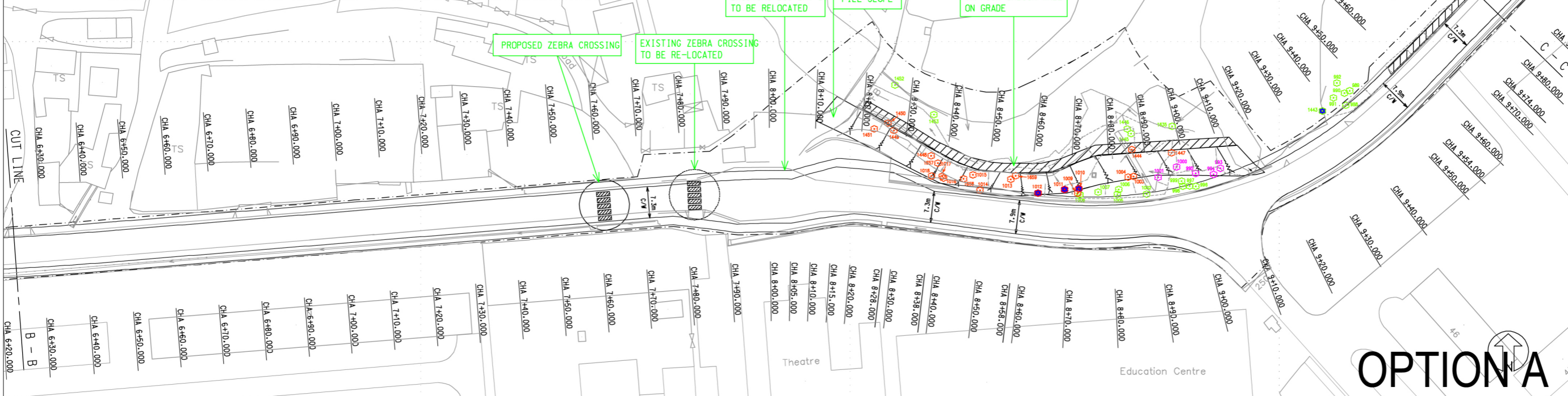
Drawing No.  
Figure 9.15A

Revision  
B

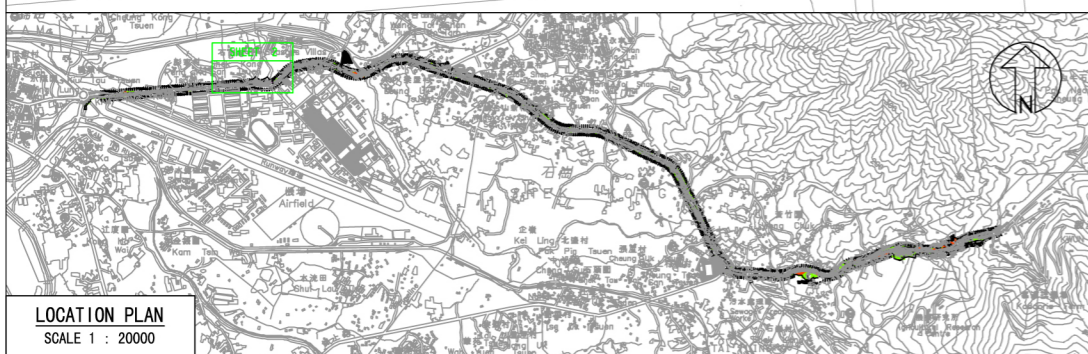




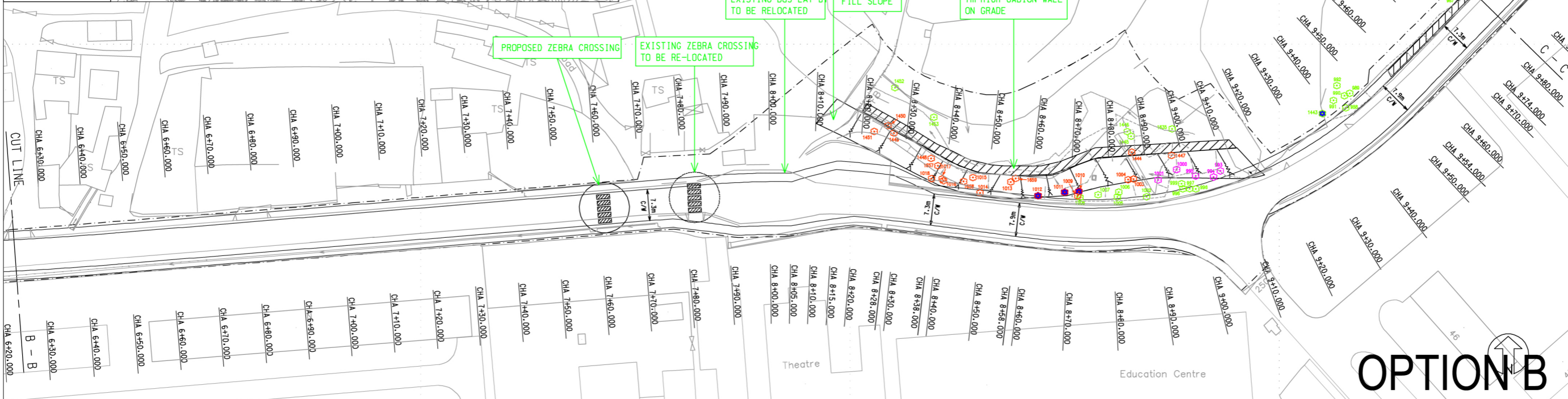
LOCATION PLAN  
SCALE 1 : 20000



# OPTION A



LOCATION PLAN  
SCALE 1 : 20000



# OPTION B

- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client: **HIGHWAYS DEPARTMENT WORKS DIVISION**

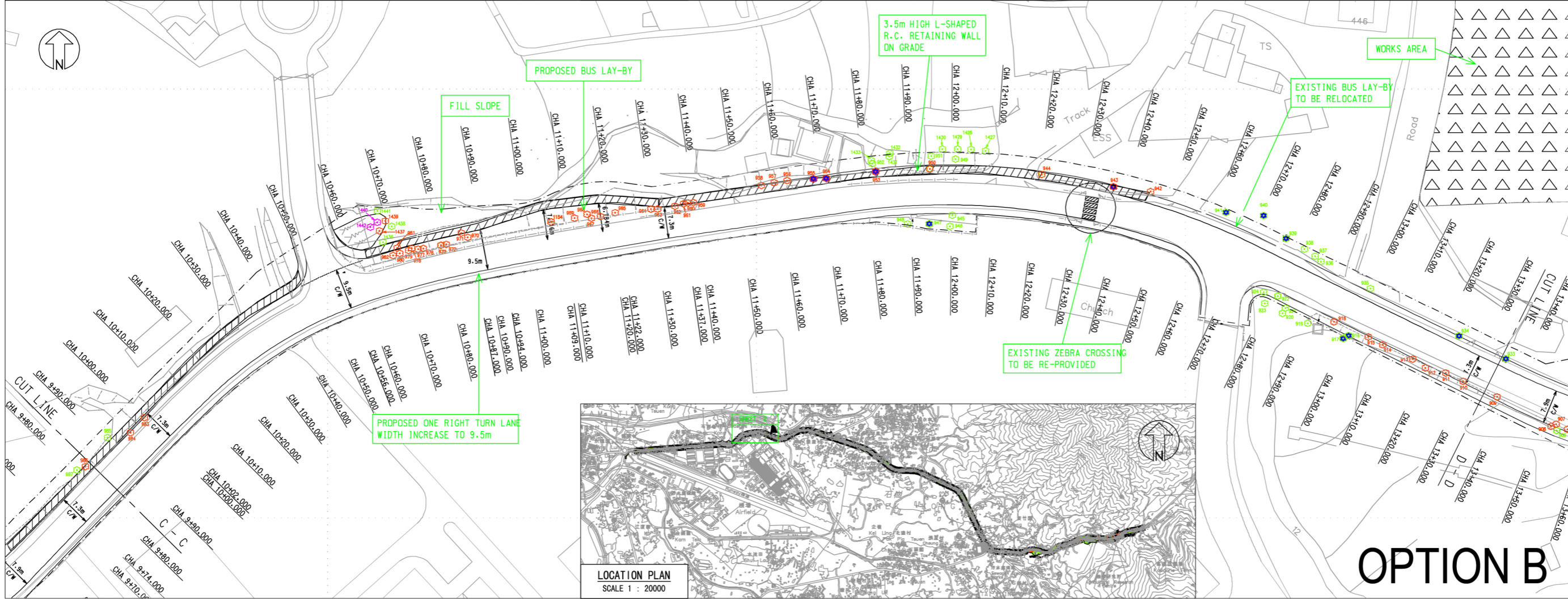
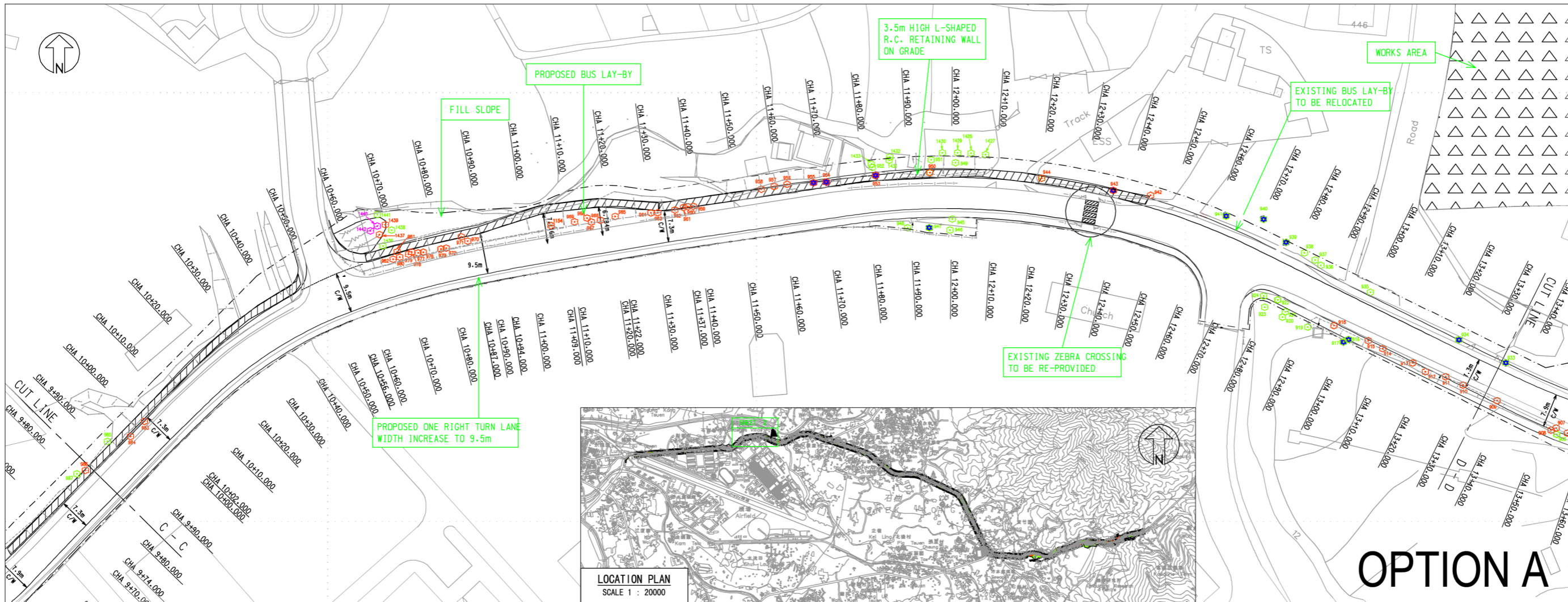
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Title: **EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15C** Revision **B**



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - 🌳 EXISTING TREE TO BE RETAINED
  - 🌳 EXISTING TREE TO BE TRANSPLANTED
  - 🌳 EXISTING TREE TO BE FELLED
  - 🌳 DEAD TREE TO BE REMOVED
  - 🌳 TREE TRUNK DIAMETER GREATER THAN 500MM

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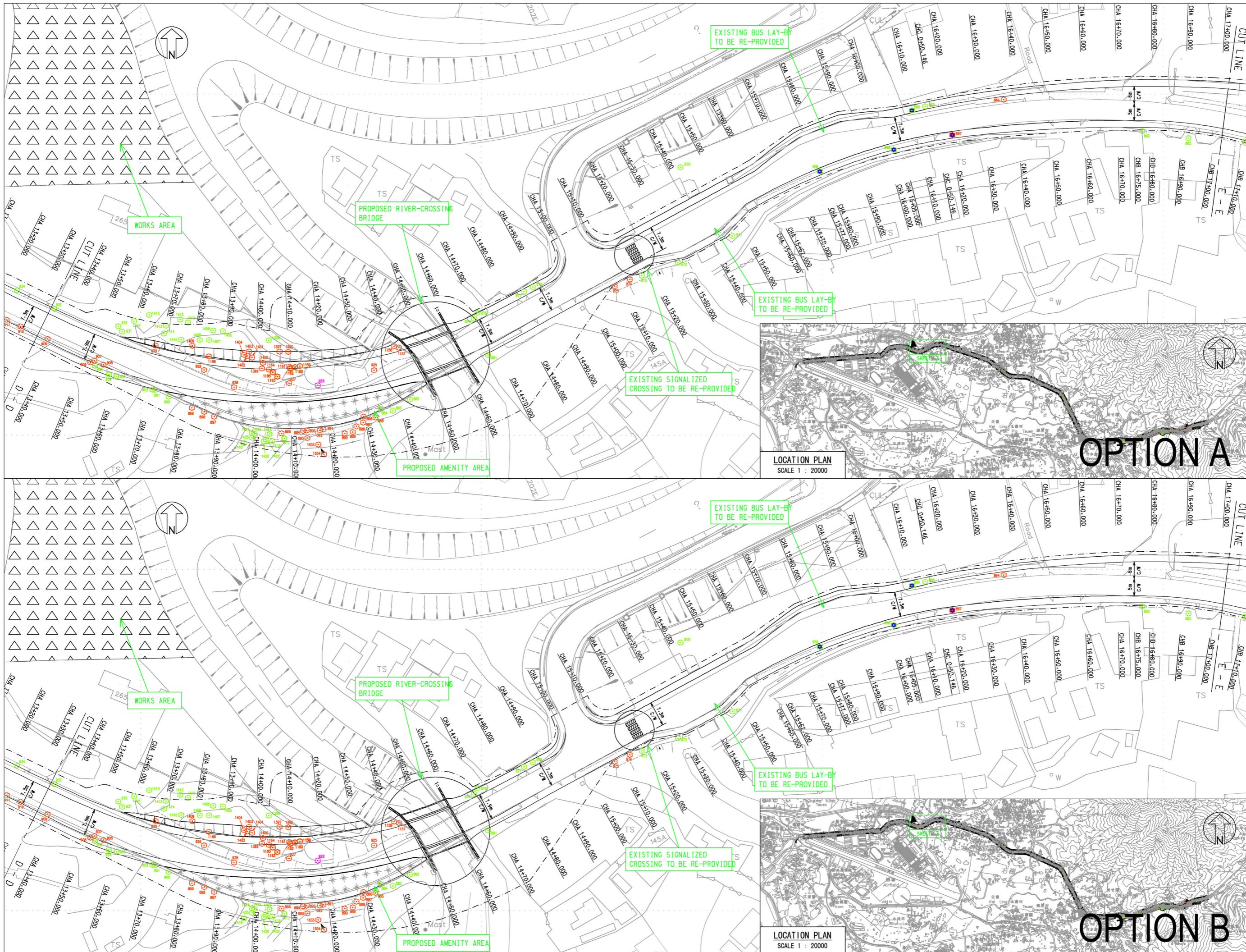
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 香港: (852) 2211 2211 中國: (852) 2211 2211

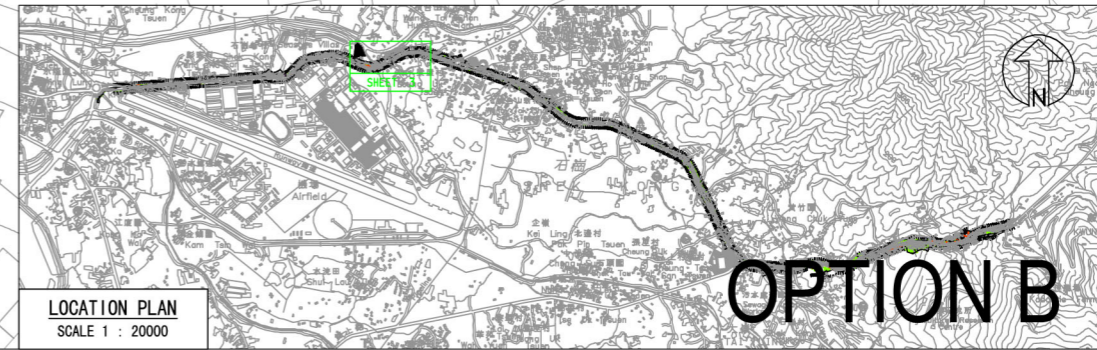
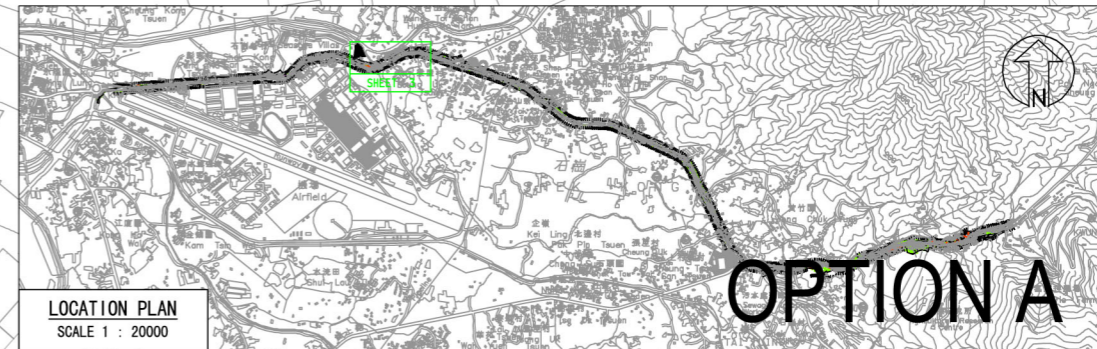
Project Agreement No. WD 7/2007  
 Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
 Environmental Impact Assessment

**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15D** Revison **B**



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM



Client  
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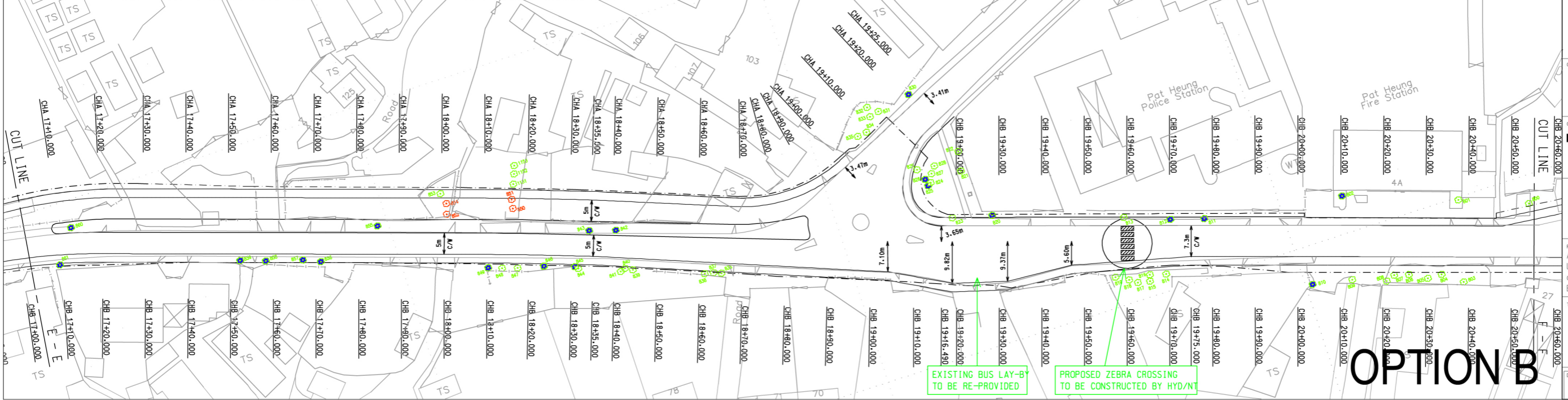
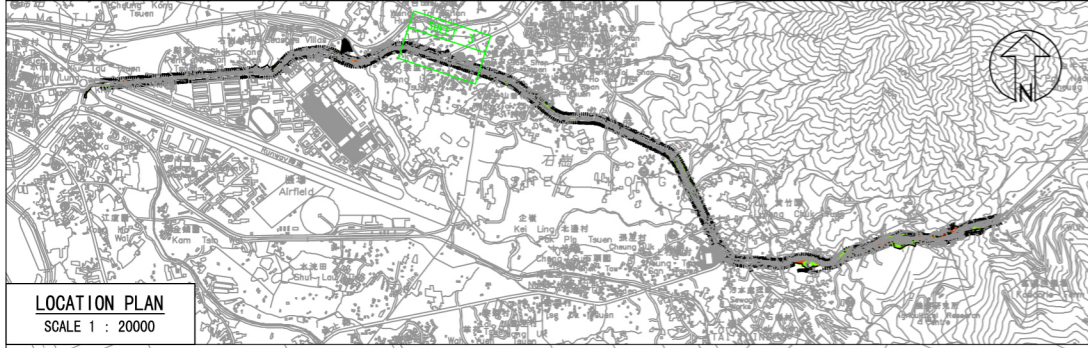
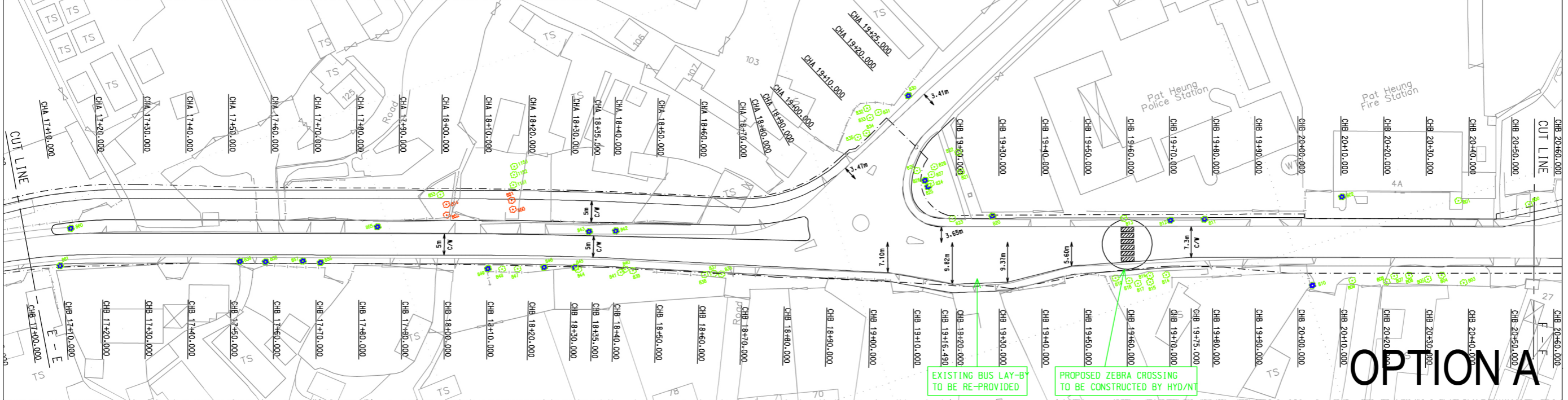
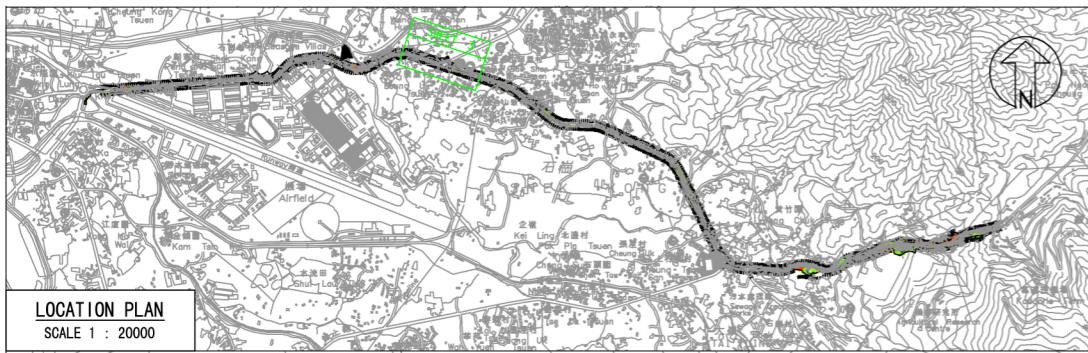
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Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. Figure 9.15E  
Revision B



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

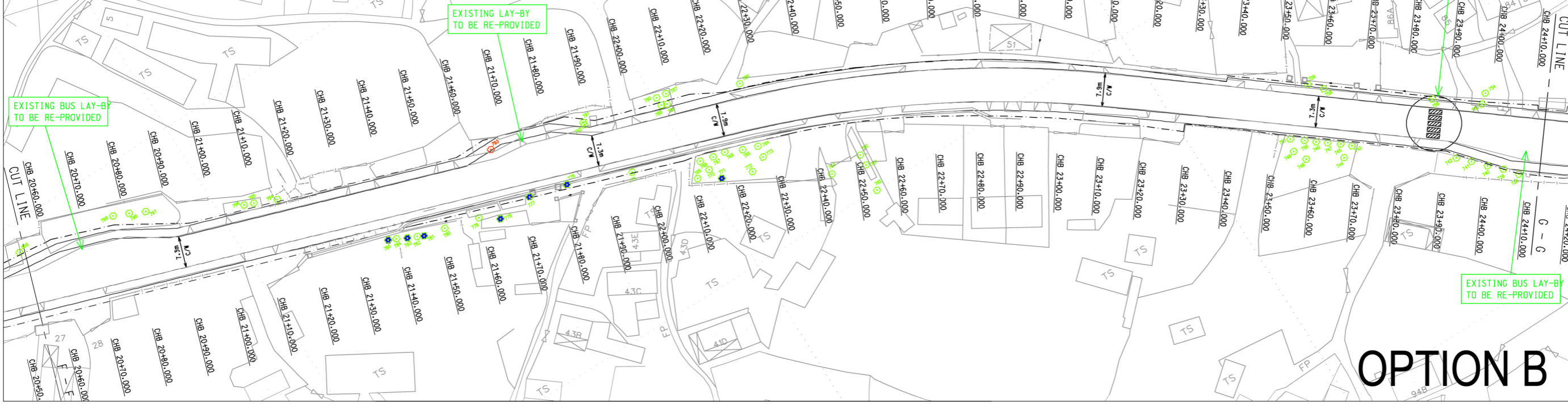
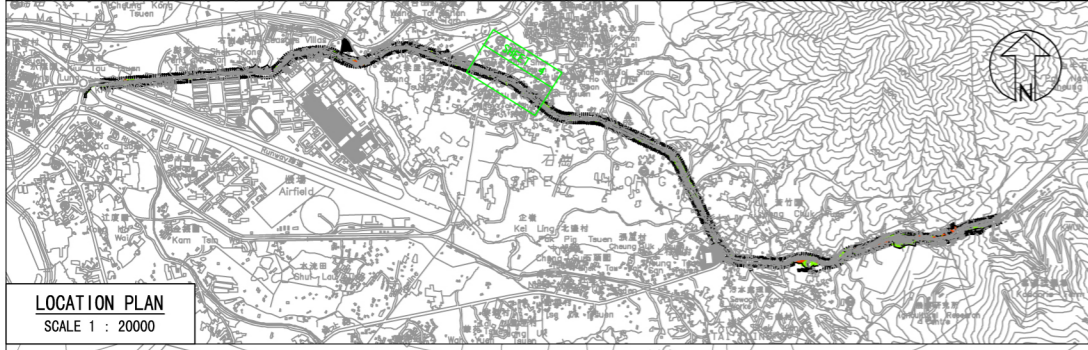
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Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15F** Revision **B**



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

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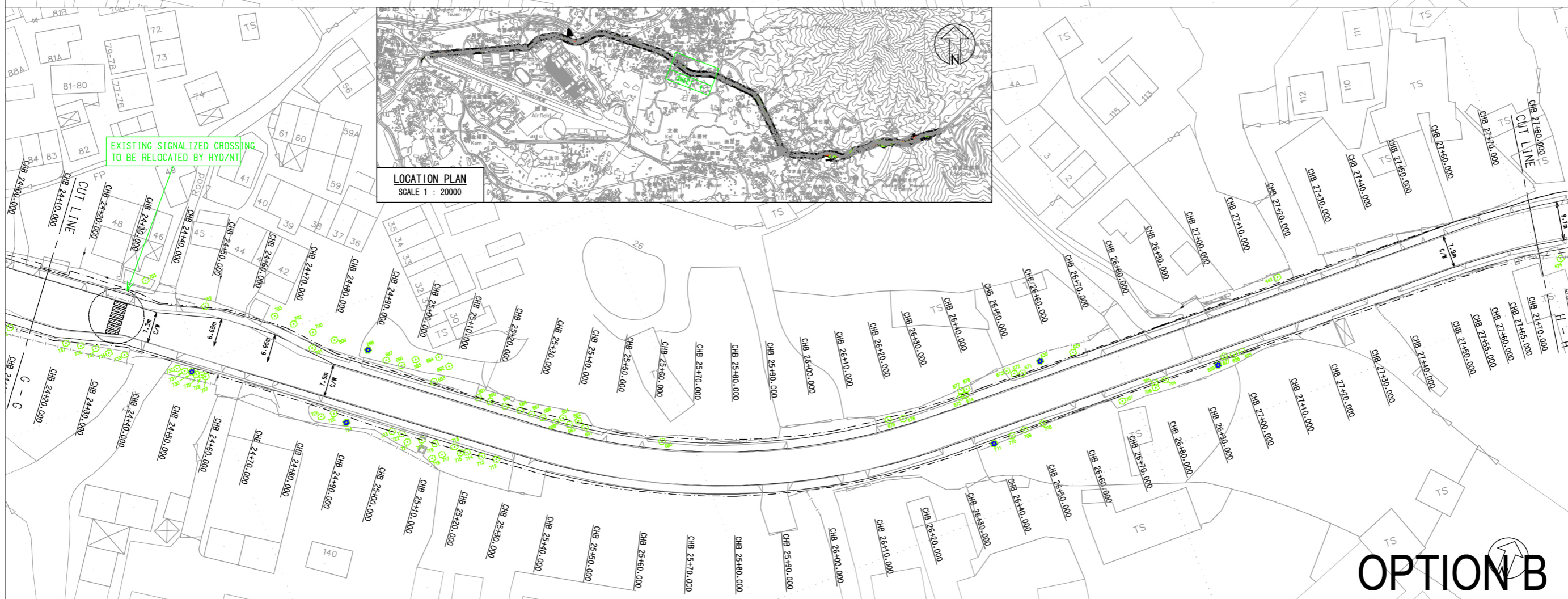
Project Agreement No. WD 7/2007  
Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. Figure 9.15G  
Revision B



**OPTION A**



**OPTION B**

- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
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 香港中環皇后大道中10號10樓

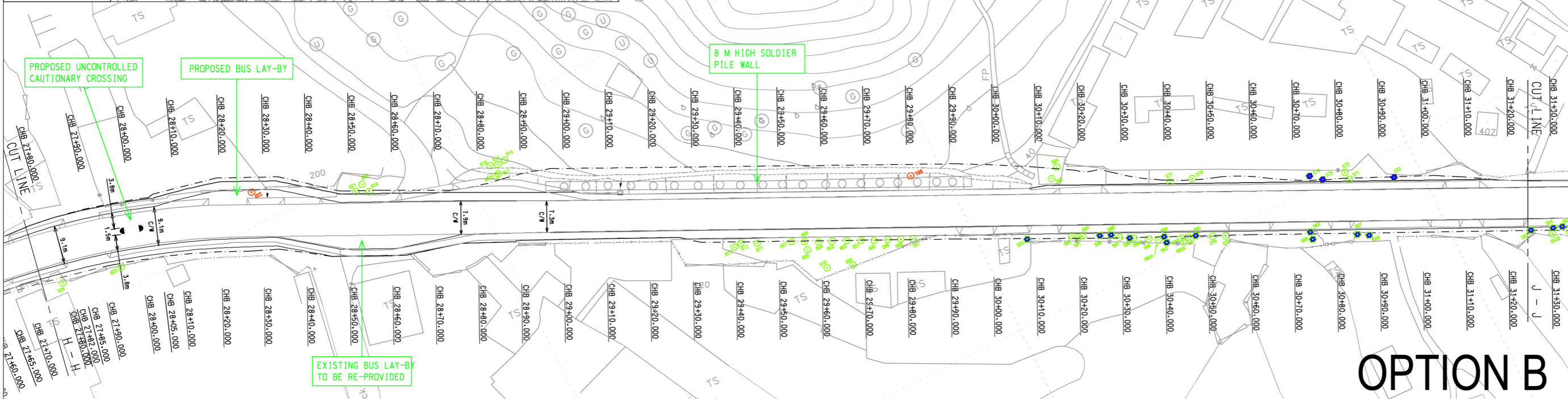
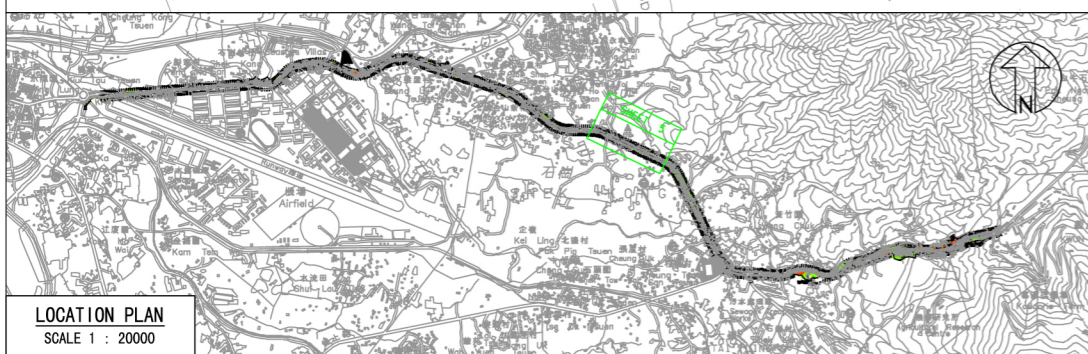
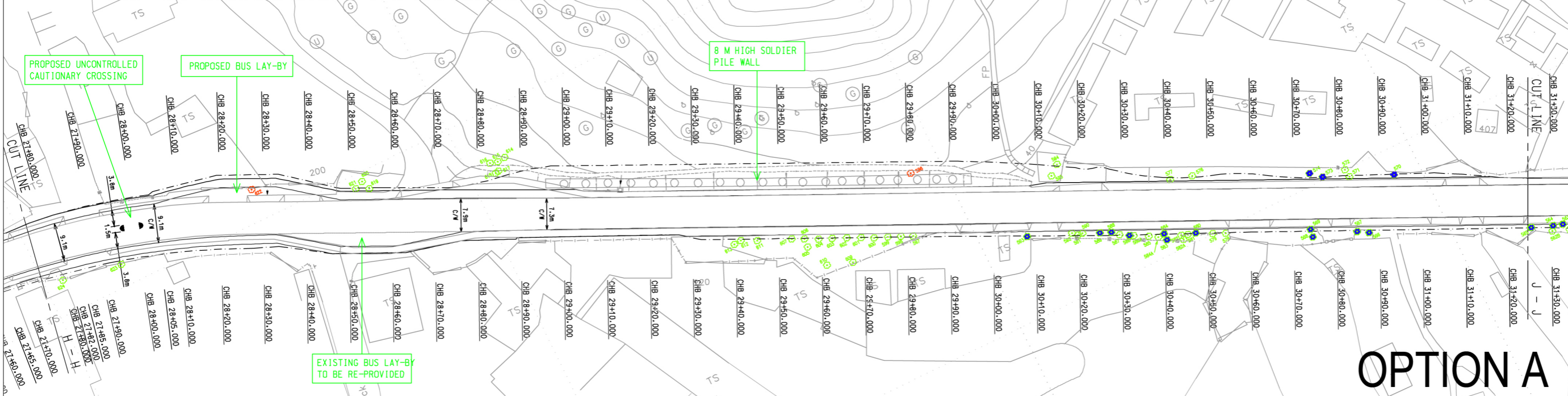
Project  
 Agreement No. WD 7/2007  
 Upgrading of Remaining Sections  
 of Kam Tin Road & Lam Kam Road  
 Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No.  
 Figure 9.15H

Revision  
 B





- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

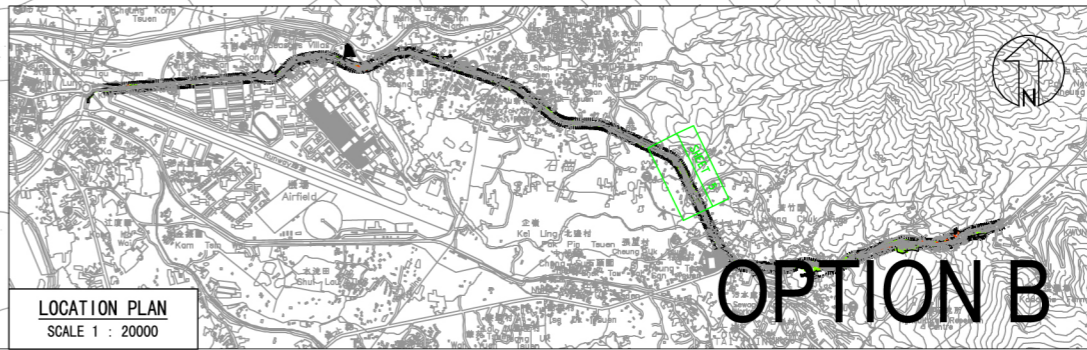
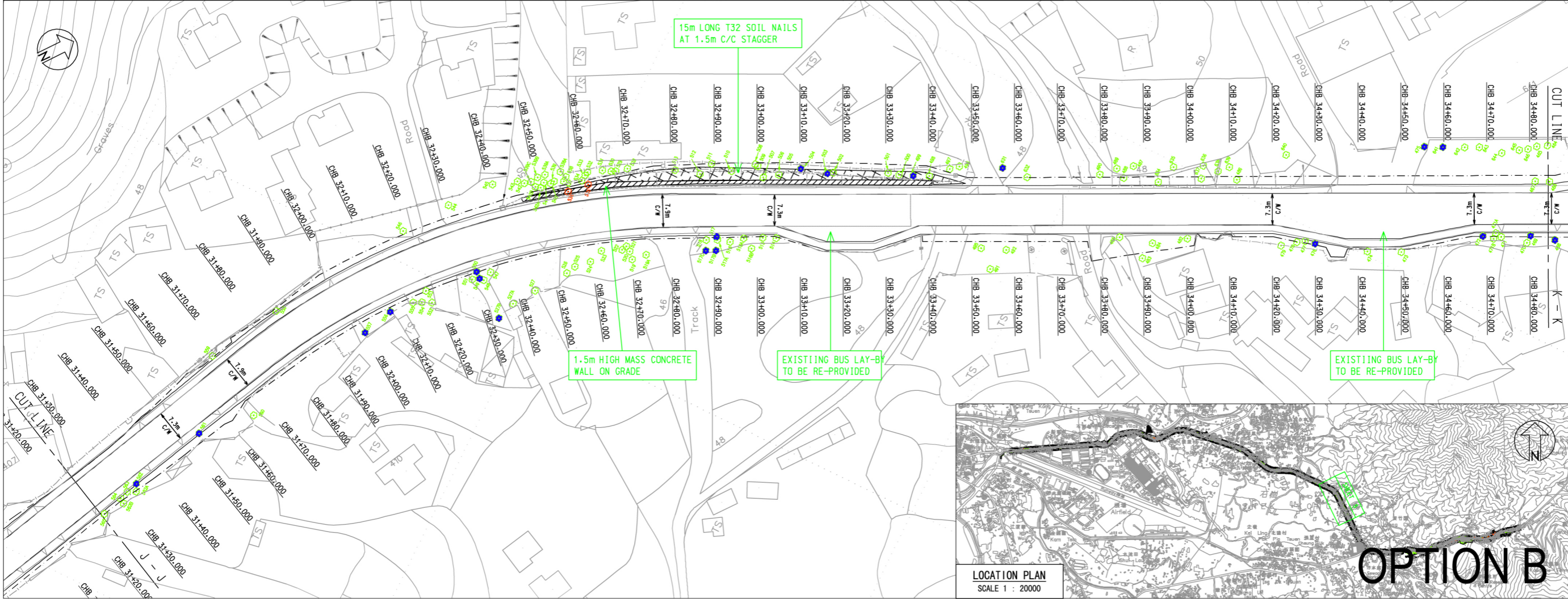
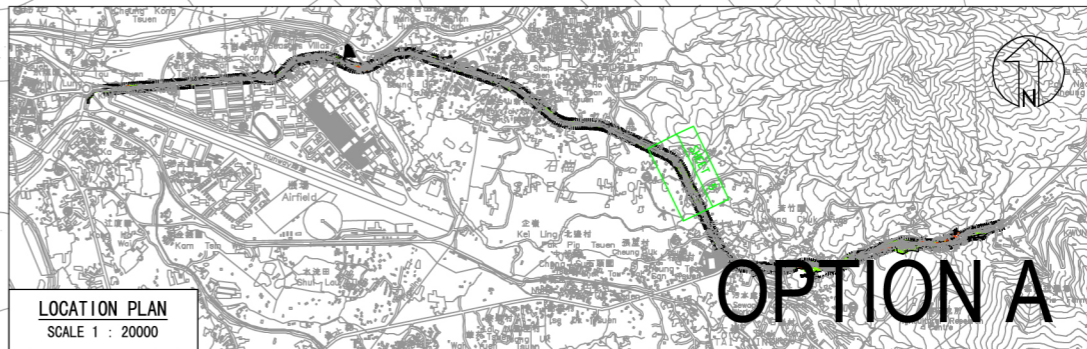
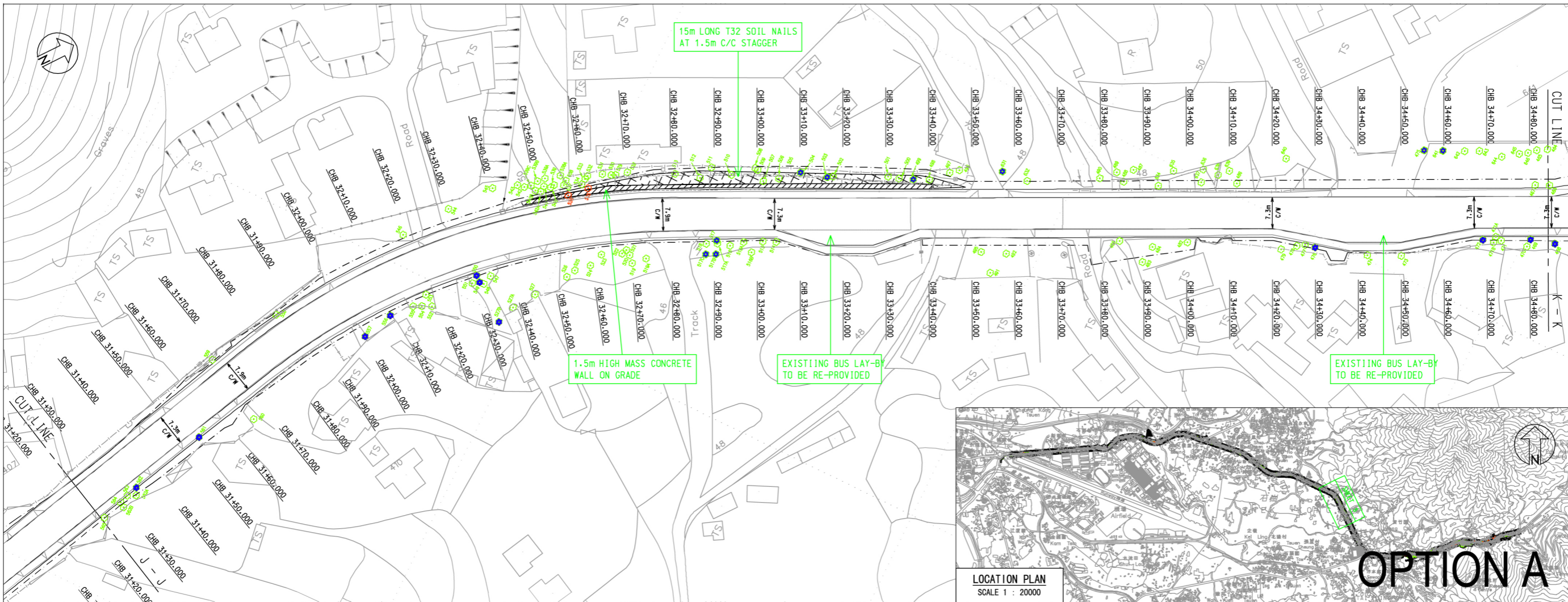
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www.adilimited.com.hk  
ADILIMITED 有限公司  
香港中環皇后大道西107號香港銀行大廈10樓  
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Project Agreement No. WD 7/2007  
Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. Figure 9.15i  
Revision B



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

Client: HIGHWAYS DEPARTMENT WORKS DIVISION

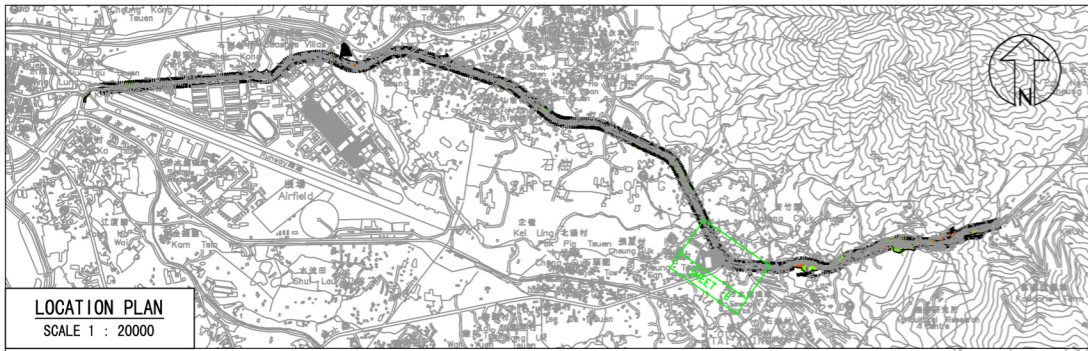
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Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
Environmental Impact Assessment

Title: EXPLORATION OF ALTERNATIVE SCHEMES

Drawing No. Figure 9.15J  
Revision B



LOCATION PLAN  
SCALE 1 : 20000



OPTION A



LOCATION PLAN  
SCALE 1 : 20000



OPTION B

LEGEND:

- PRELIMINARY PROJECT BOUNDARY
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE TRANSPLANTED
- EXISTING TREE TO BE FELLED
- DEAD TREE TO BE REMOVED
- TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

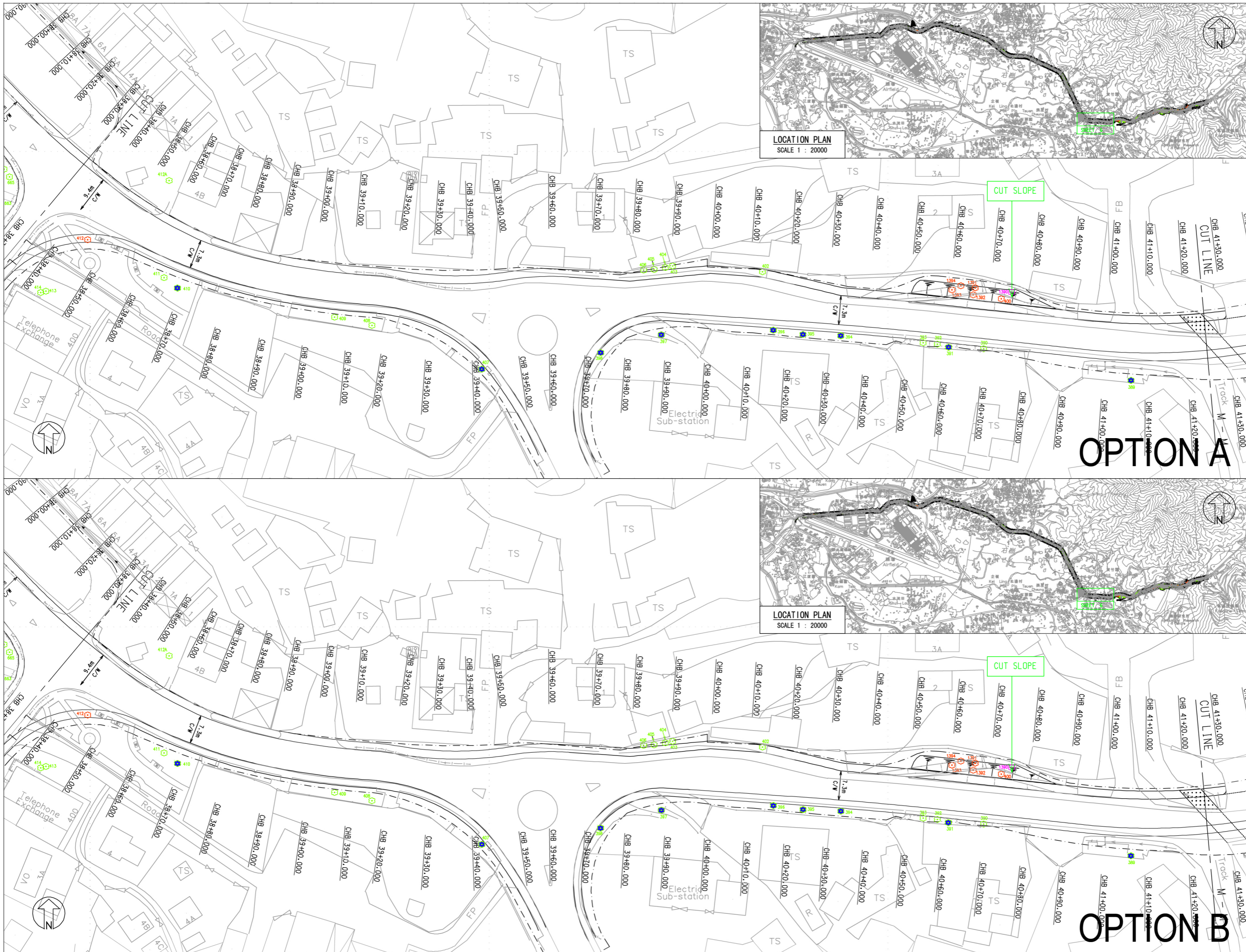
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Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. Figure 9.15K  
Revision B



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

**OPTION A**

**OPTION B**

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

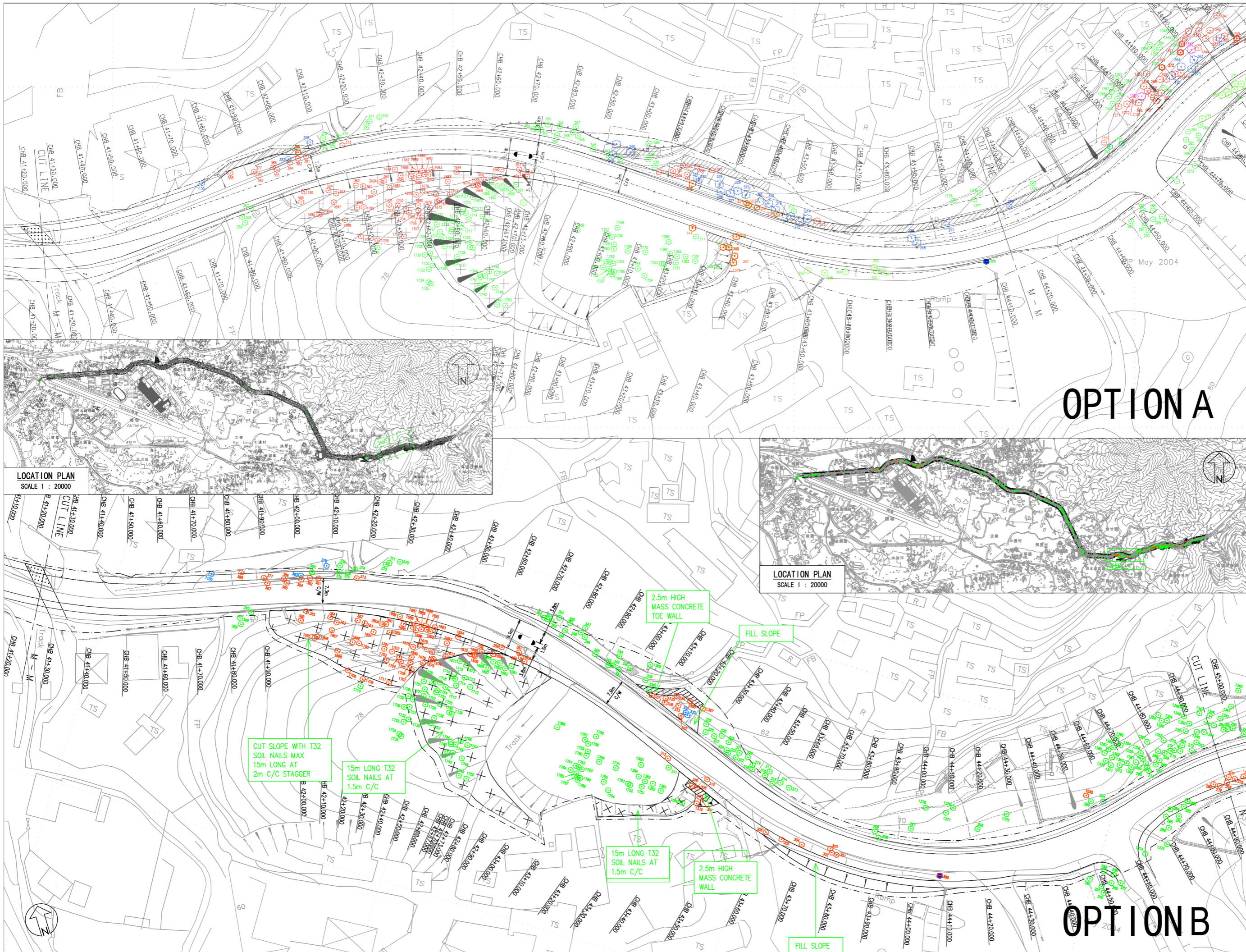
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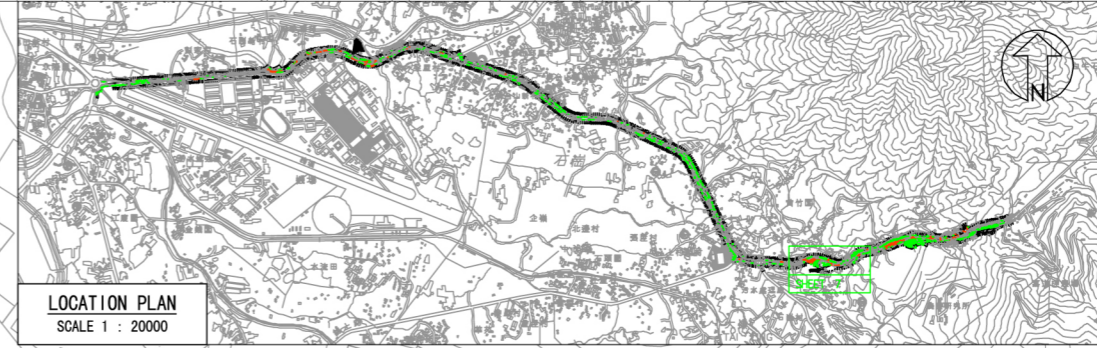
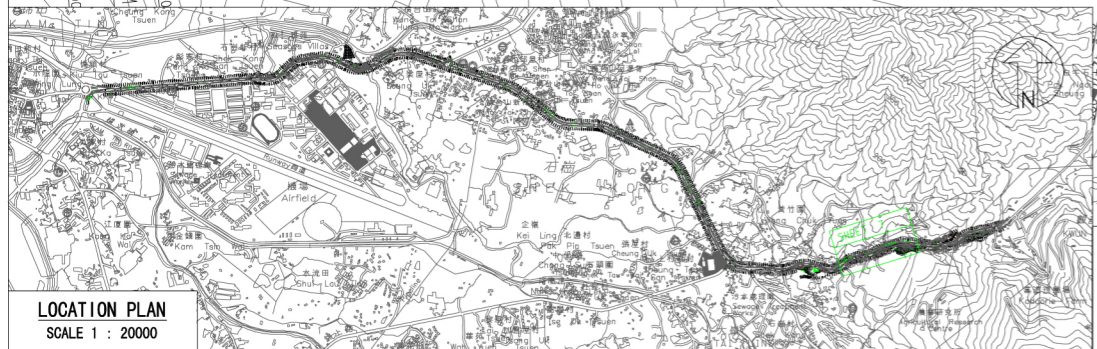
Project Agreement No. WD 7/2007  
 Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
 Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15L** Revision **B**



- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM



**OPTION A**

**OPTION B**

CUT SLOPE WITH T32 SOIL NAILS MAX 15m LONG AT 2m C/C STAGGER

15m LONG T32 SOIL NAILS AT 1.5m C/C

15m LONG T32 SOIL NAILS AT 1.5m C/C

2.5m HIGH MASS CONCRETE WALL

2.5m HIGH MASS CONCRETE TOE WALL

FILL SLOPE

FILL SLOPE

Client: **HIGHWAYS DEPARTMENT WORKS DIVISION**

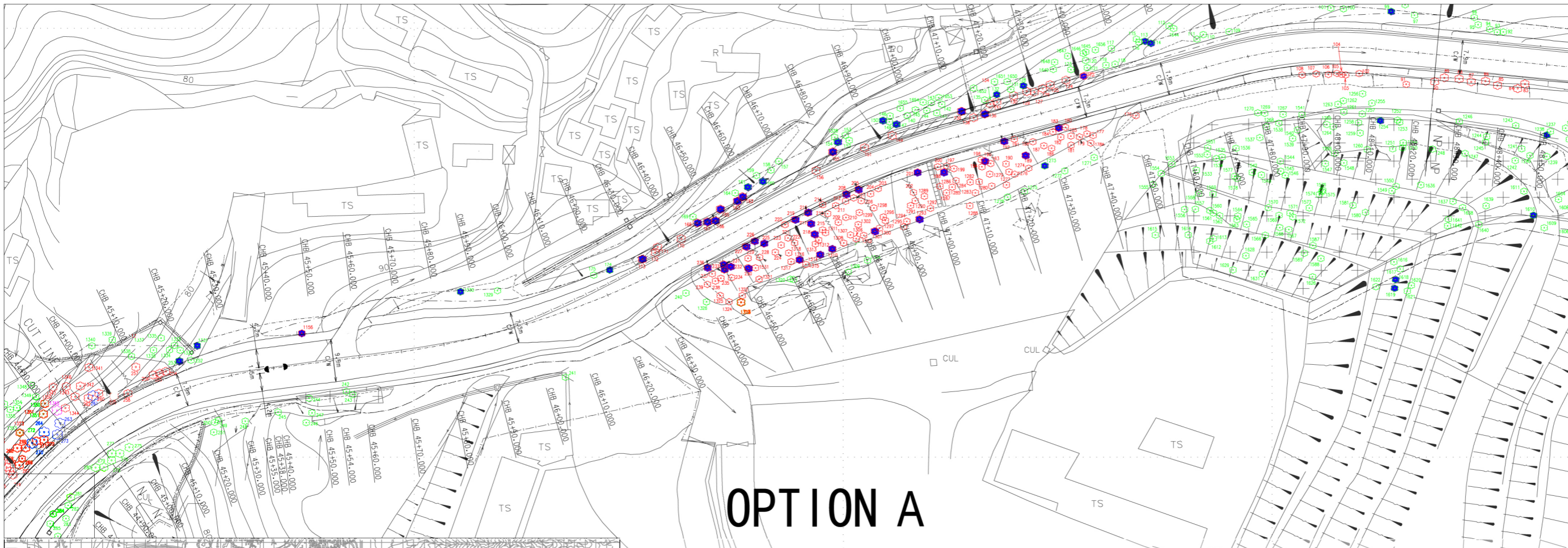
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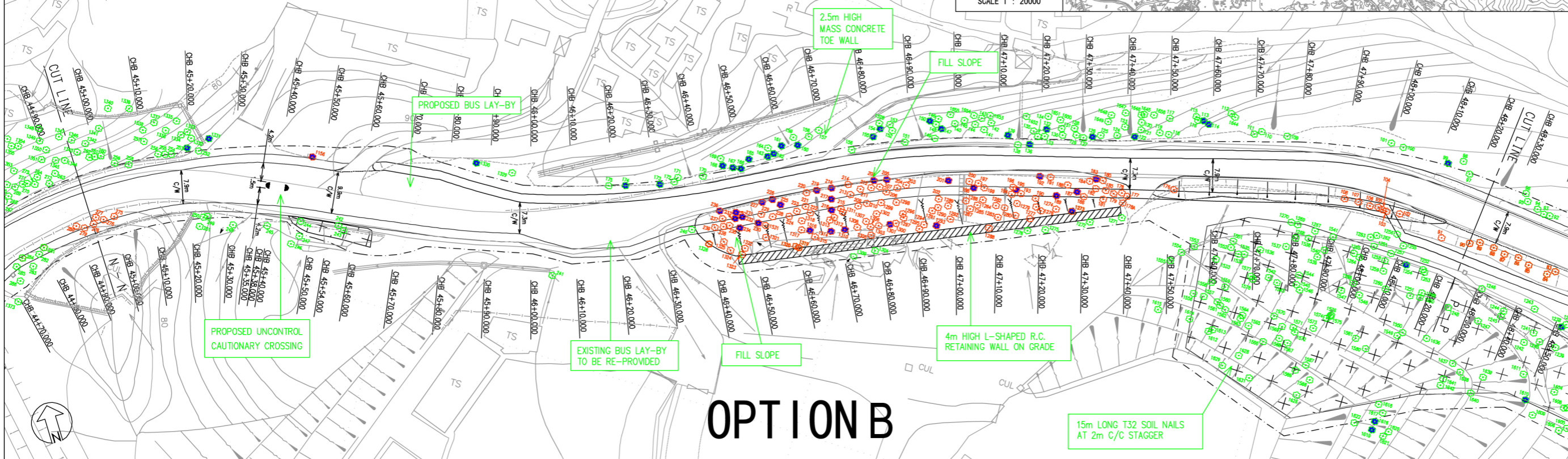
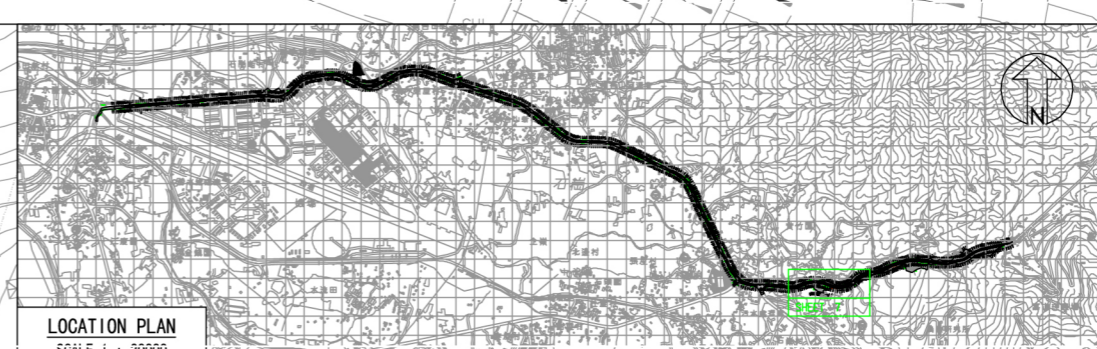
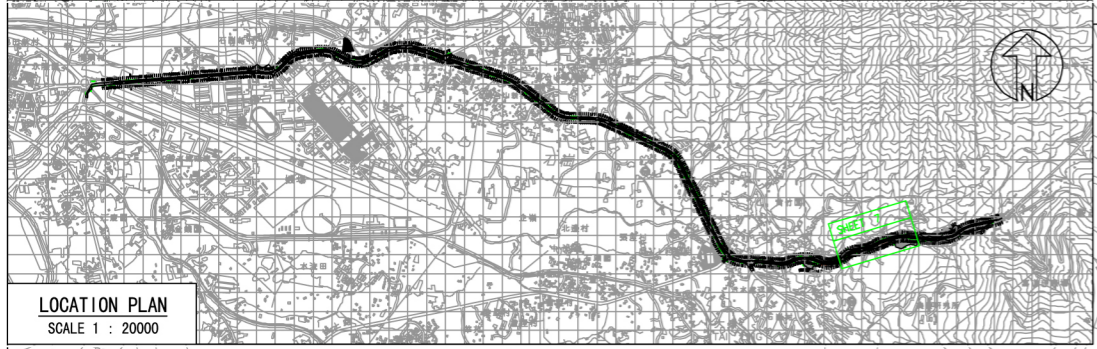
Project Agreement No. WD 7/2007  
Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
Environmental Impact Assessment

Title: **EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15M** Revision **B**



# OPTION A



# OPTION B

- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - ★ TREE TRUNK DIAMETER GREATER THAN 500MM

Client: **HIGHWAYS DEPARTMENT WORKS DIVISION**

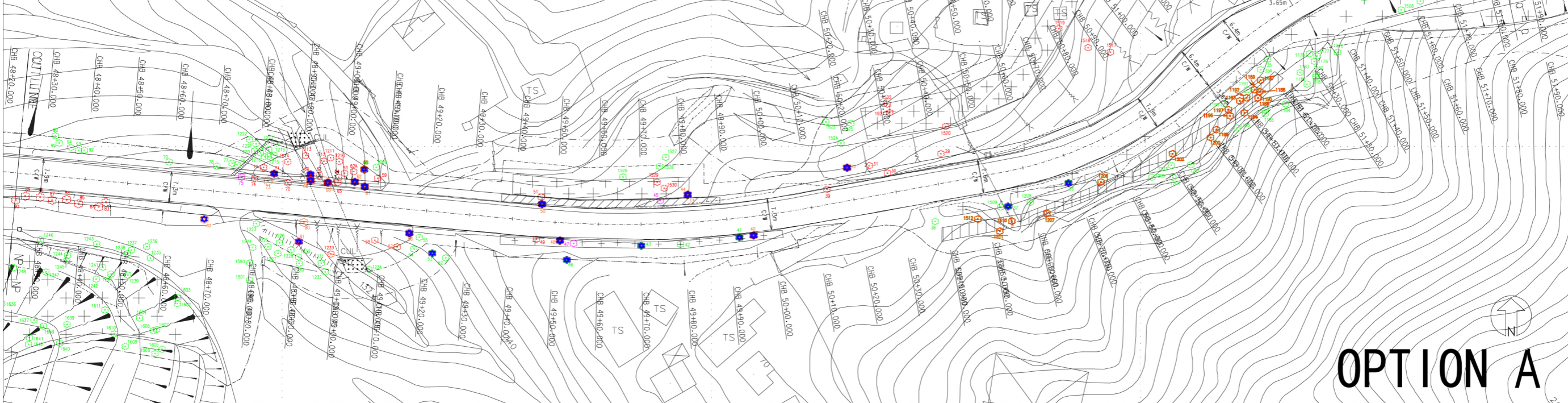
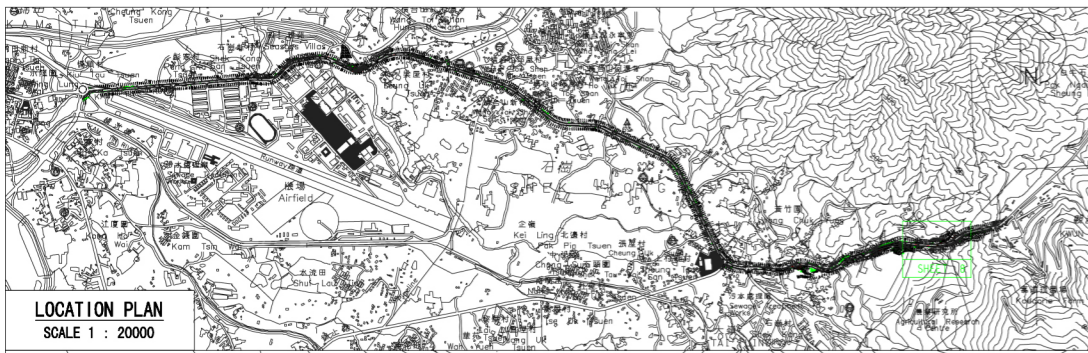
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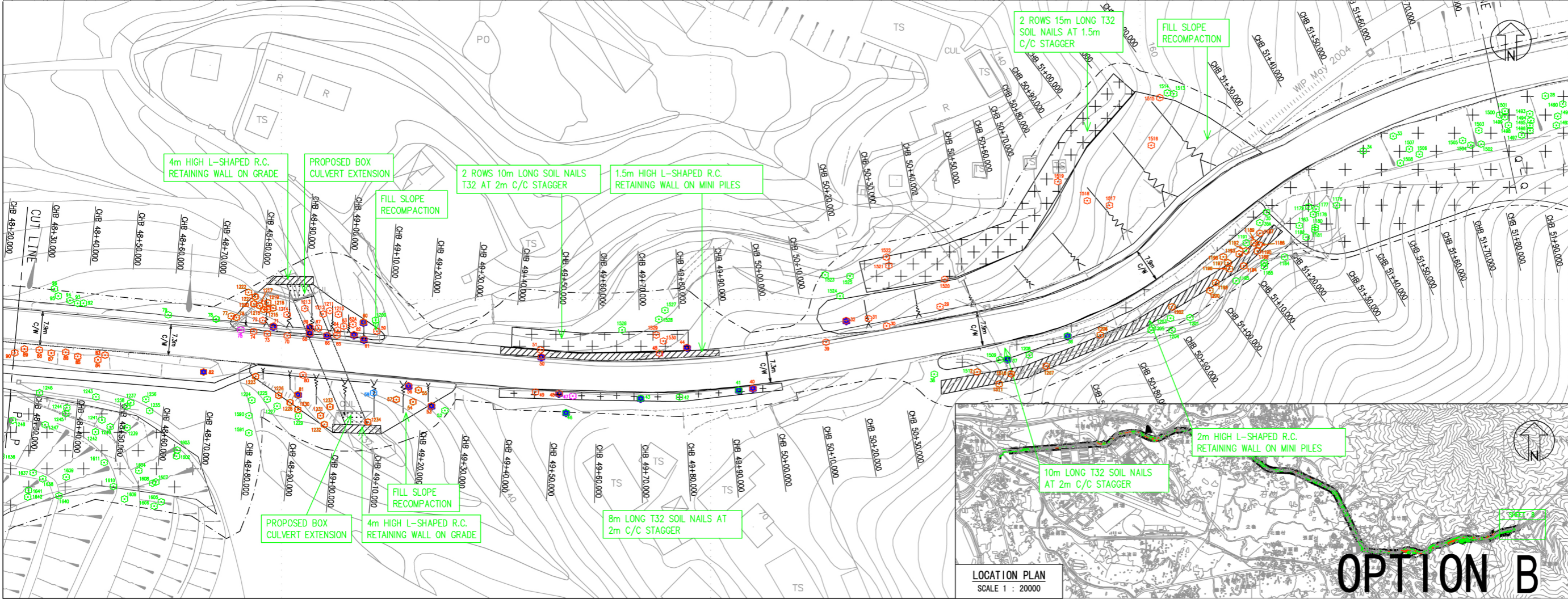
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Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
Environmental Impact Assessment

Title: **EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15N** Revision **B**



# OPTION A



# OPTION B

- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - EXISTING TREE TO BE RETAINED
  - EXISTING TREE TO BE TRANSPLANTED
  - EXISTING TREE TO BE FELLED
  - DEAD TREE TO BE REMOVED
  - TREE TRUNK DIAMETER GREATER THAN 500MM

4m HIGH L-SHAPED R.C. RETAINING WALL ON GRADE  
 PROPOSED BOX CULVERT EXTENSION  
 2 ROWS 10m LONG SOIL NAILS T32 AT 2m C/C STAGGER  
 1.5m HIGH L-SHAPED R.C. RETAINING WALL ON MINI PILES  
 FILL SLOPE RECOMPACTION

2 ROWS 15m LONG T32 SOIL NAILS AT 1.5m C/C STAGGER  
 FILL SLOPE RECOMPACTION

PROPOSED BOX CULVERT EXTENSION  
 4m HIGH L-SHAPED R.C. RETAINING WALL ON GRADE  
 8m LONG T32 SOIL NAILS AT 2m C/C STAGGER

10m LONG T32 SOIL NAILS AT 2m C/C STAGGER  
 2m HIGH L-SHAPED R.C. RETAINING WALL ON MINI PILES

Client: **HIGHWAYS DEPARTMENT WORKS DIVISION**

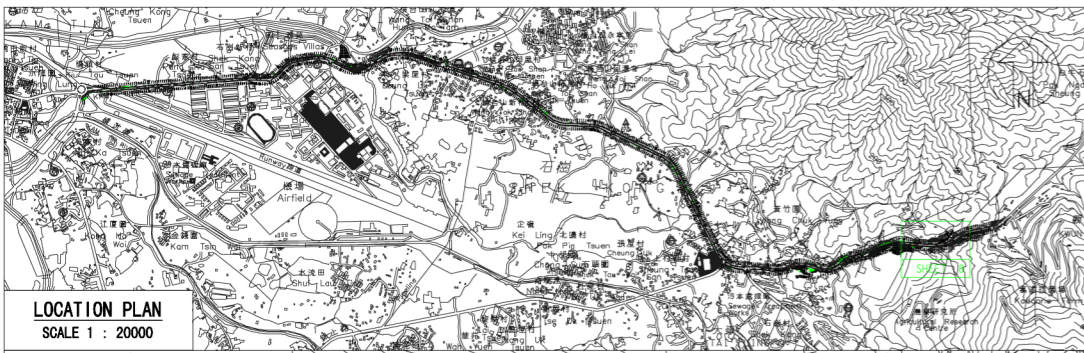
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 香港中環德輔道中16號10樓 電話: (852) 2521 1111 傳真: (852) 2521 1112

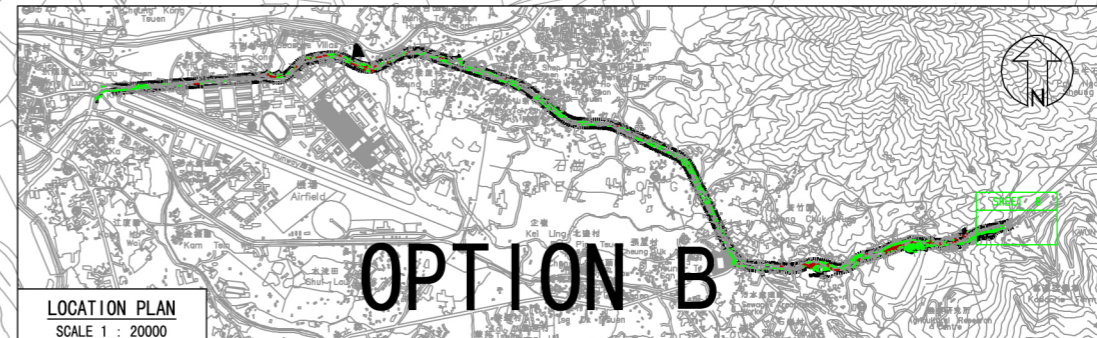
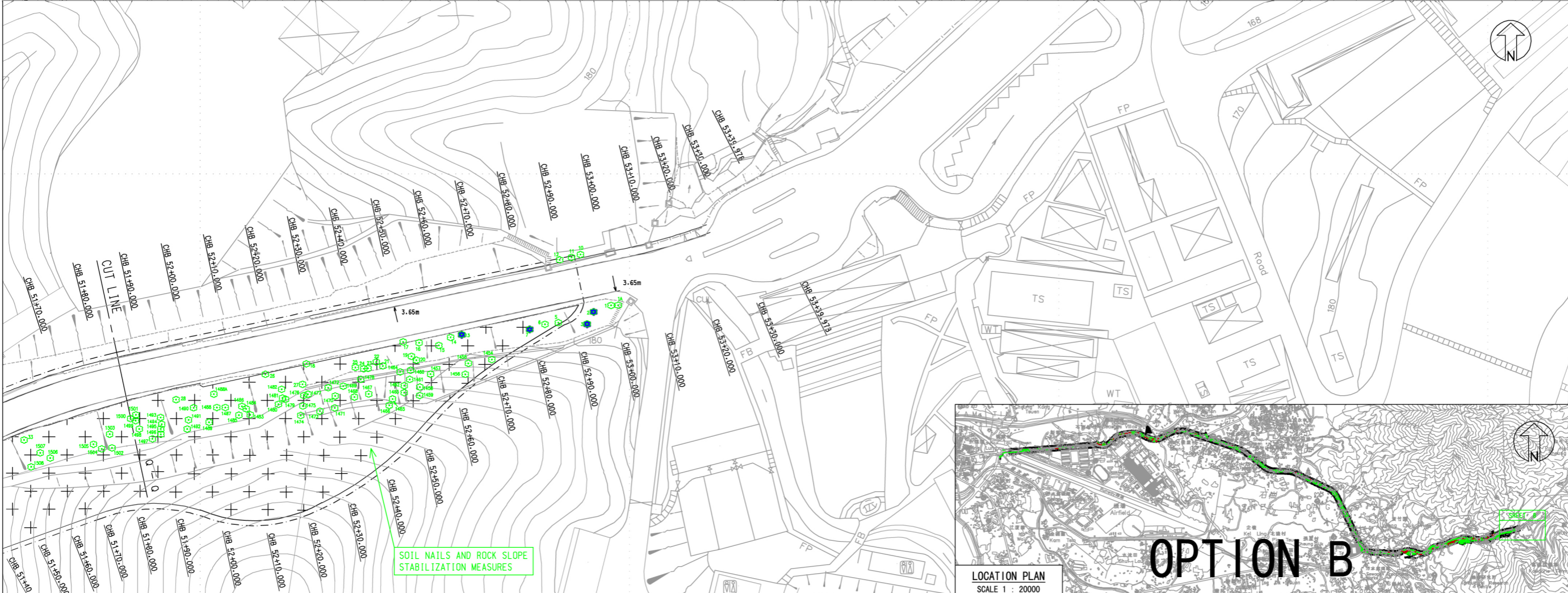
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 Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road Environmental Impact Assessment

EXPLORATION OF ALTERNATIVE SCHEMES

Drawing No. Figure 9.150 Revision B



**OPTION A**



**OPTION B**

- LEGEND:**
- PRELIMINARY PROJECT BOUNDARY
  - 🌳 EXISTING TREE TO BE RETAINED
  - 🌳 EXISTING TREE TO BE TRANSPLANTED
  - 🌳 EXISTING TREE TO BE FELLED
  - 🌳 DEAD TREE TO BE REMOVED
  - 🌳 TREE TRUNK DIAMETER GREATER THAN 500MM

Client  
**HIGHWAYS DEPARTMENT WORKS DIVISION**

Consultants  
**Mannings (Asia) Consultants Ltd**  
*in association with*  
**BMT Asia Pacific**

ADILIMITED  
 LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING  
 10/F BANGKOK BANK BUILDING, 16 SCOVILLE STREET, WEST HONGKONG  
 香港中環德輔道中16號10樓  
 電話: (852) 2522 1111 傳真: (852) 2522 1112

Project Agreement No. WD 7/2007  
 Upgrading of Remaining Sections of Kam Tin Road & Lam Kam Road  
 Environmental Impact Assessment

Title  
**EXPLORATION OF ALTERNATIVE SCHEMES**

Drawing No. **Figure 9.15P** Revision **B**