


◆ Sediment Sources

▨ Area of Water Depth less than -17.5m CD where dredging will be required

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Rev	Date	Drawn	Description	Ch'k'd	App'd

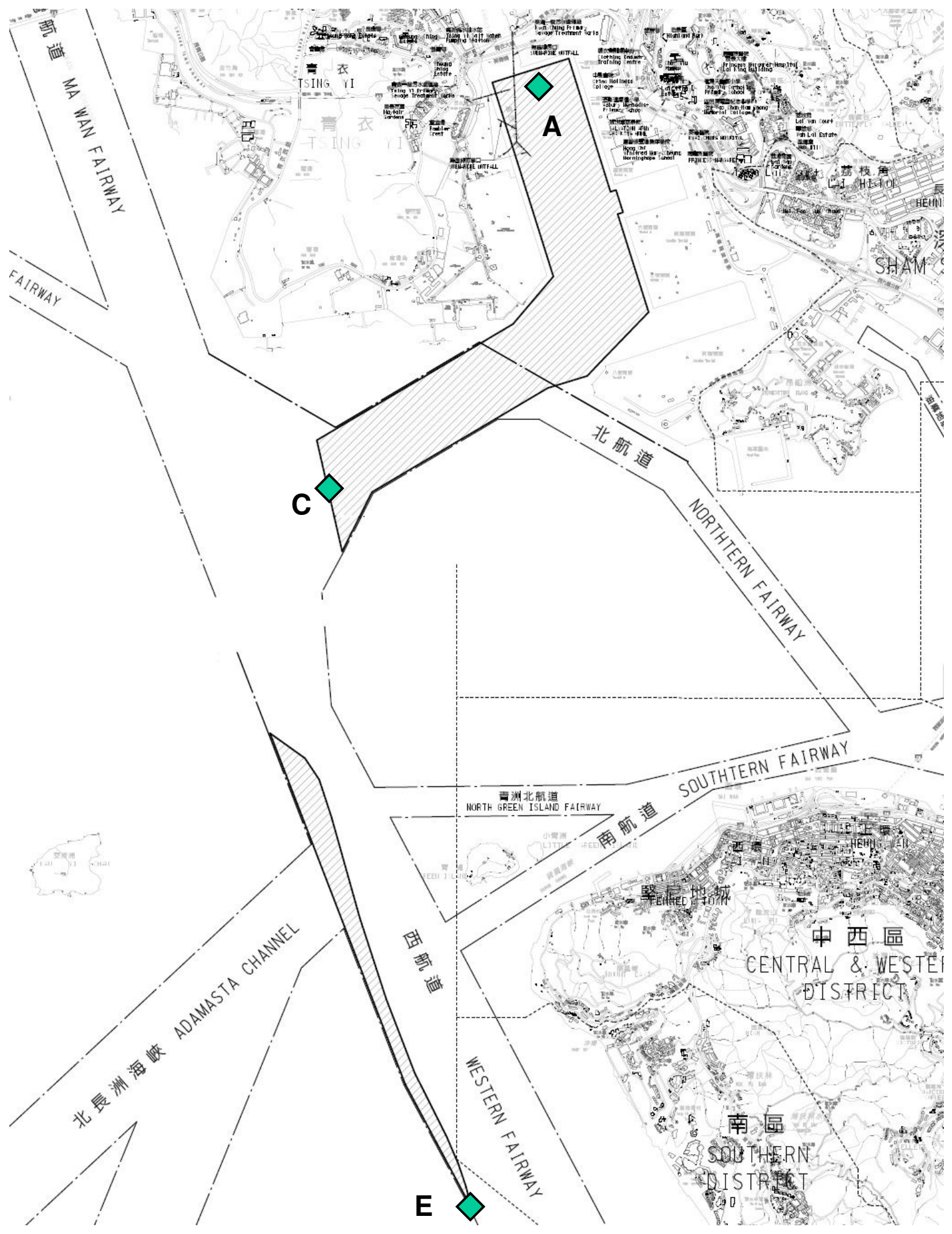


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Title  
**Dredging Scenario 1**

Designed	JC	Eng check	JC	
Drawn	DC	Coordination	JC	
Dwg check	JC	Approved	AFK	
Scale at A1		Status	PRE	Rev P1
Drawing Number	<b>Figure 3.5b</b>			




- ◆ Sediment Sources
- Area of Water Depth less than -17.5m CD where dredging will be required

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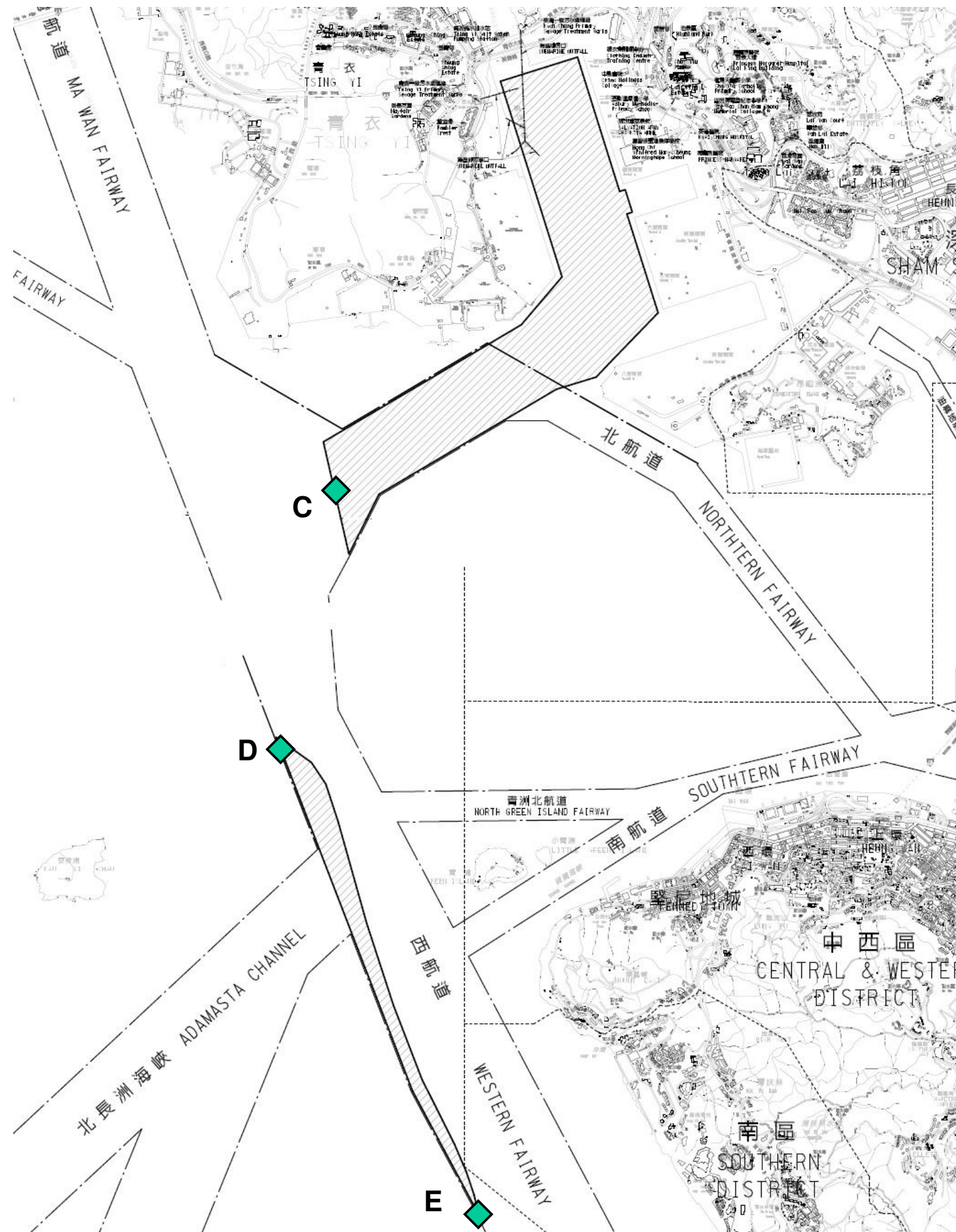
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**PROVIDING SUFFICIENT WATER DEPTH FOR KWAI TSING CONTAINER BASIN AND ITS APPROACH CHANNEL**

Title

**Dredging Scenario 2**

Designed	JC	Eng check	JC
Drawn	DC	Coordination	JC
Dwg check	JC	Approved	AFK
Scale at A1	-	Status	Rev
		PRE	P1
Drawing Number	<b>Figure 3.5c</b>		




- ◆ Sediment Sources
- Area of Water Depth less than -17.5m CD where dredging will be required

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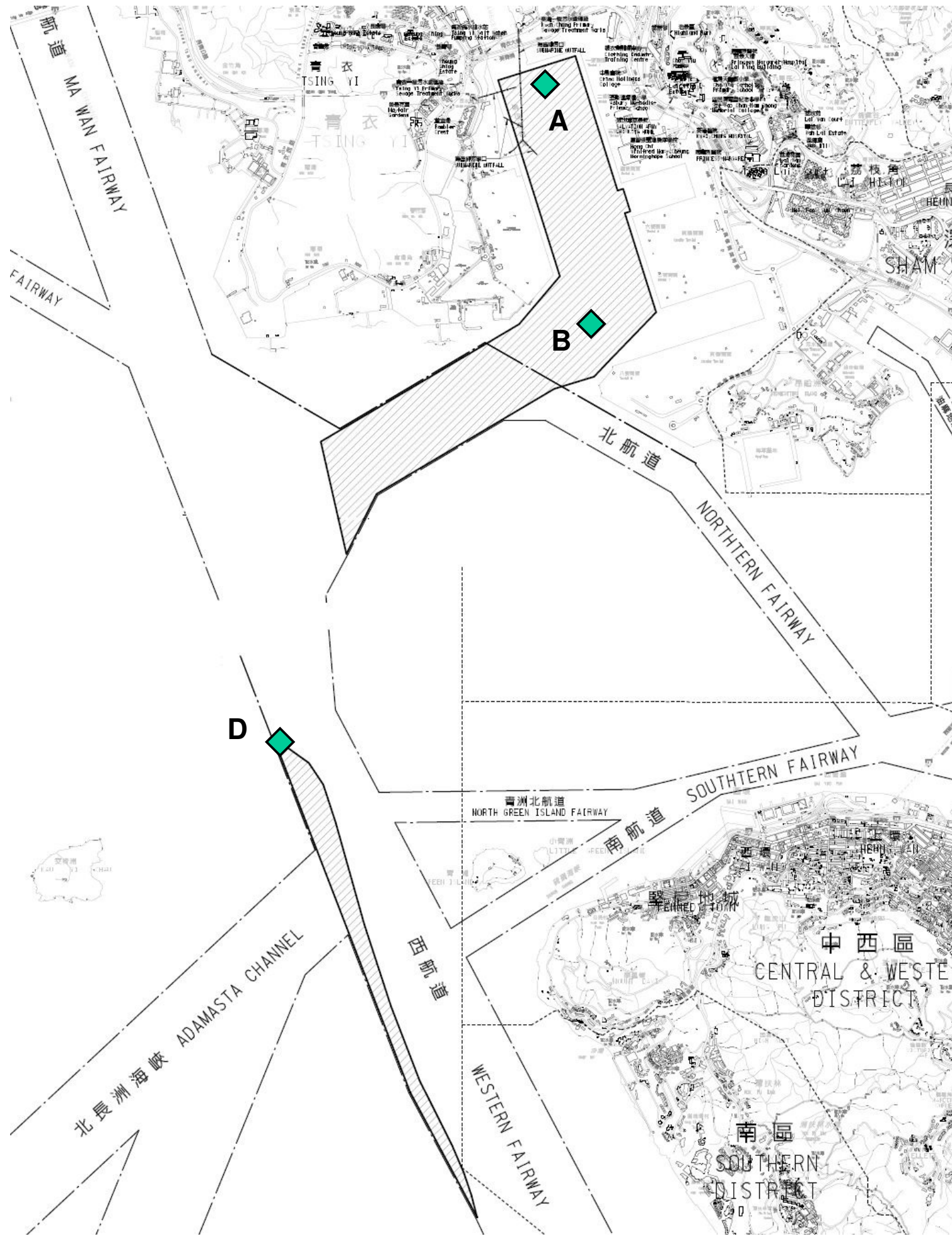
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**PROVIDING SUFFICIENT WATER DEPTH FOR KWAI TSING CONTAINER BASIN AND ITS APPROACH CHANNEL**

Title

**Dredging Scenario 3**

Designed	JC	Eng check	JC	
Drawn	DC	Coordination	JC	
Dwg check	JC	Approved	AFK	
Scale at A1		Status	PRE	Rev P1
Drawing Number	<b>Figure 3.5d</b>			




◆ Sediment Sources

▨ Area of Water Depth less than -17.5m CD where dredging will be required

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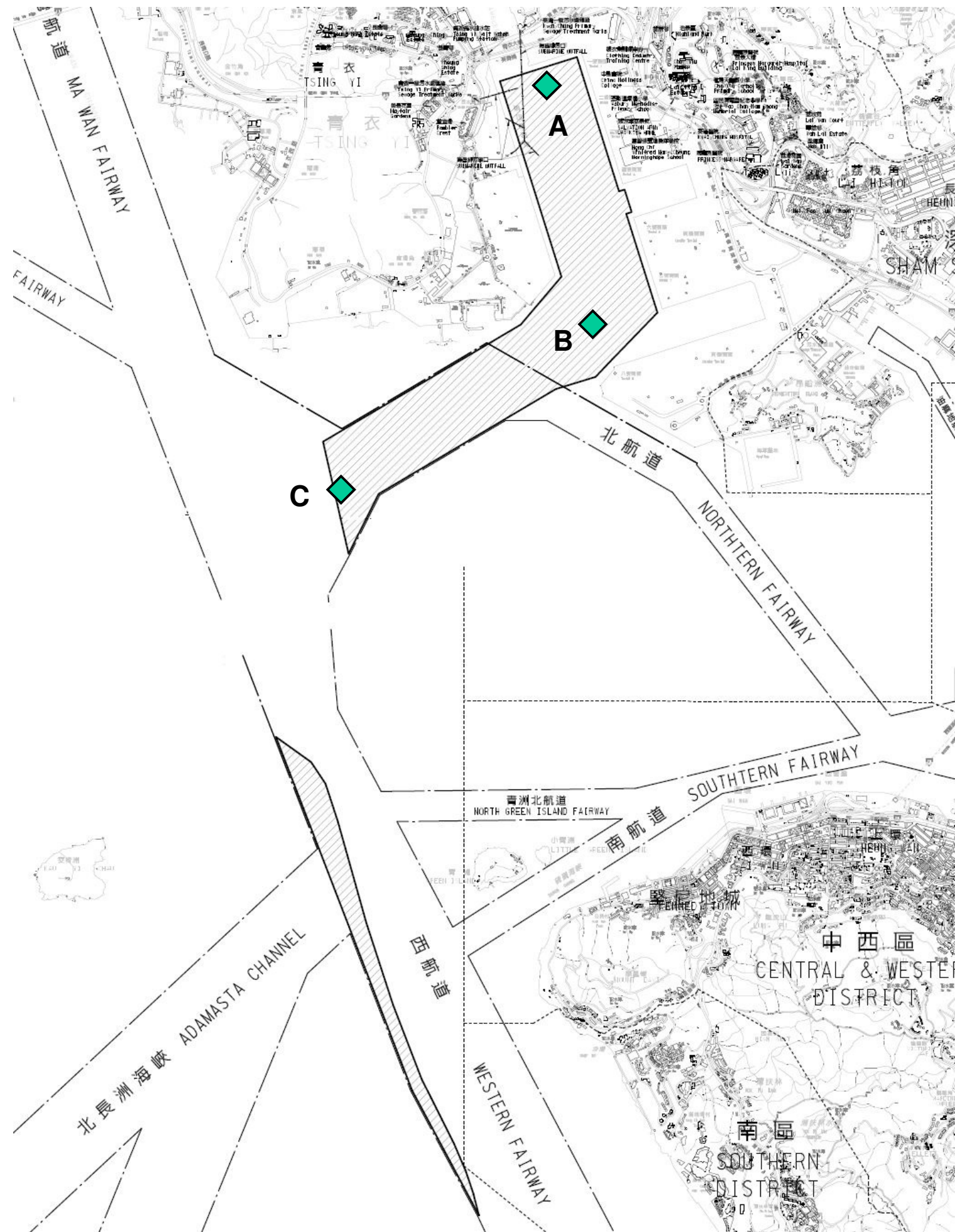
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Title

**Dredging Scenario 4**

Designed	JC	Eng check	JC
Drawn	DC	Coordination	JC
Dwg check	JC	Approved	AFK
Scale at A1	-	Status	PRE
Rev	-	Rev	P1
Drawing Number	<b>Figure 3.5e</b>		




-  Sediment Sources
-  Area of Water Depth less than -17.5m CD where dredging will be required

P1	DEC 09	DC	FIRST ISSUE	JC	AFK
Rev	Date	Drawn	Description	Ch'k'd	App'd



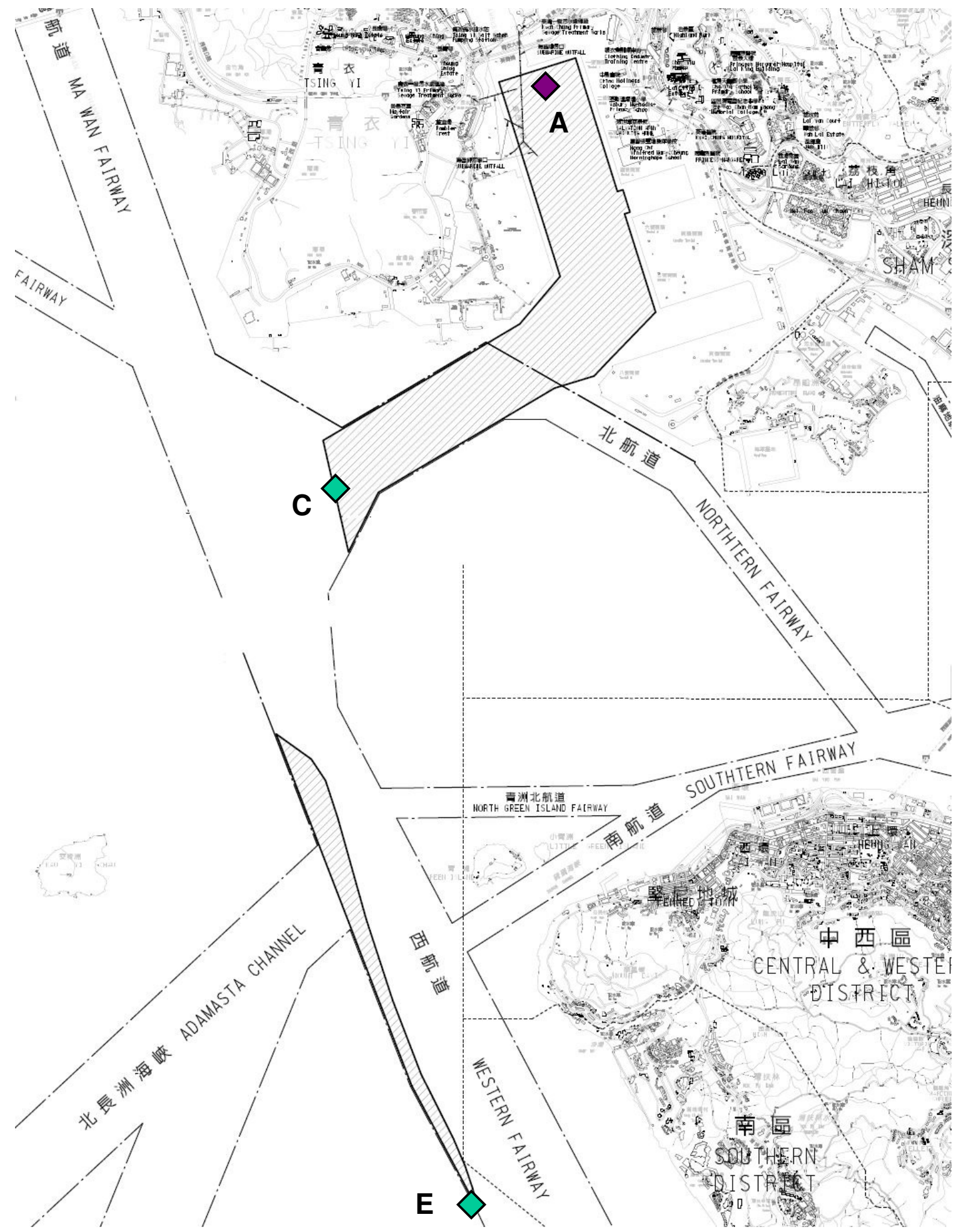
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 BASIN AND ITS APPROACH CHANNEL**

Title  
**Dredging Scenario 5**

Designed	JC	Eng check	JC
Drawn	DC	Coordination	JC
Dwg check	JC	Approved	AFK
Scale at A1	-	Status	Rev
		PRE	P1
Drawing Number	<b>Figure 3.5f</b>		




-  Sediment Source (CSD)
-  Sediment Sources (grab dredger)
-  Area of Water Depth less than -17.5m CD where dredging will be required

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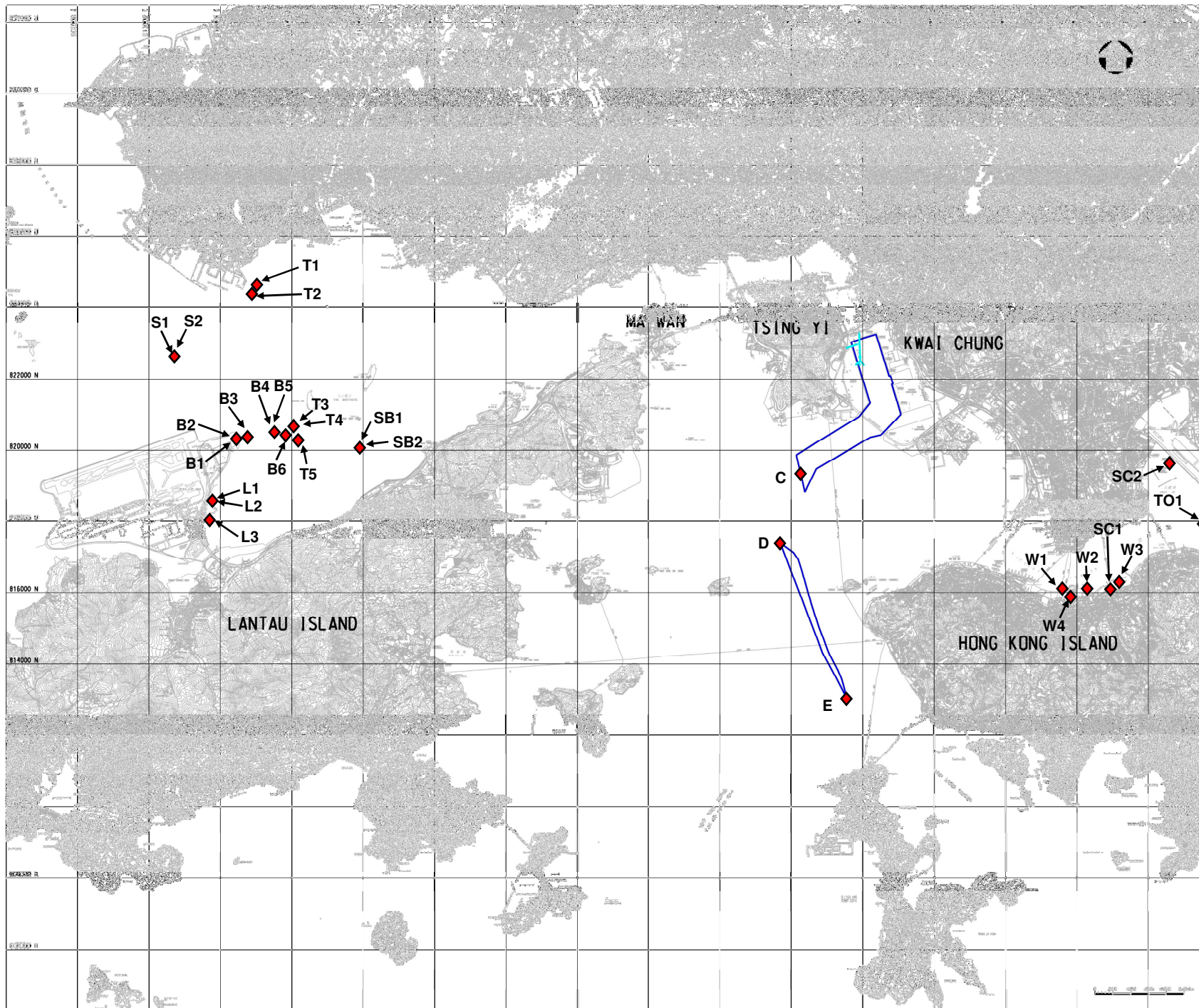
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**PROVIDING SUFFICIENT WATER  
 DEPTH FOR KWAI TSING CONTAINER  
 BASIN AND ITS APPROACH CHANNEL**

Title  
**Dredging Scenario 6**

Designed	JC	Eng check	JC
Drawn	DC	Coordination	JC
Dwg check	JC	Approved	AFK
Scale at A1	-	Status	PRE
Rev	-	Rev	P1


Drawing Number **Figure 3.5g**



- ◆ Sediment Source ID
- Project Area

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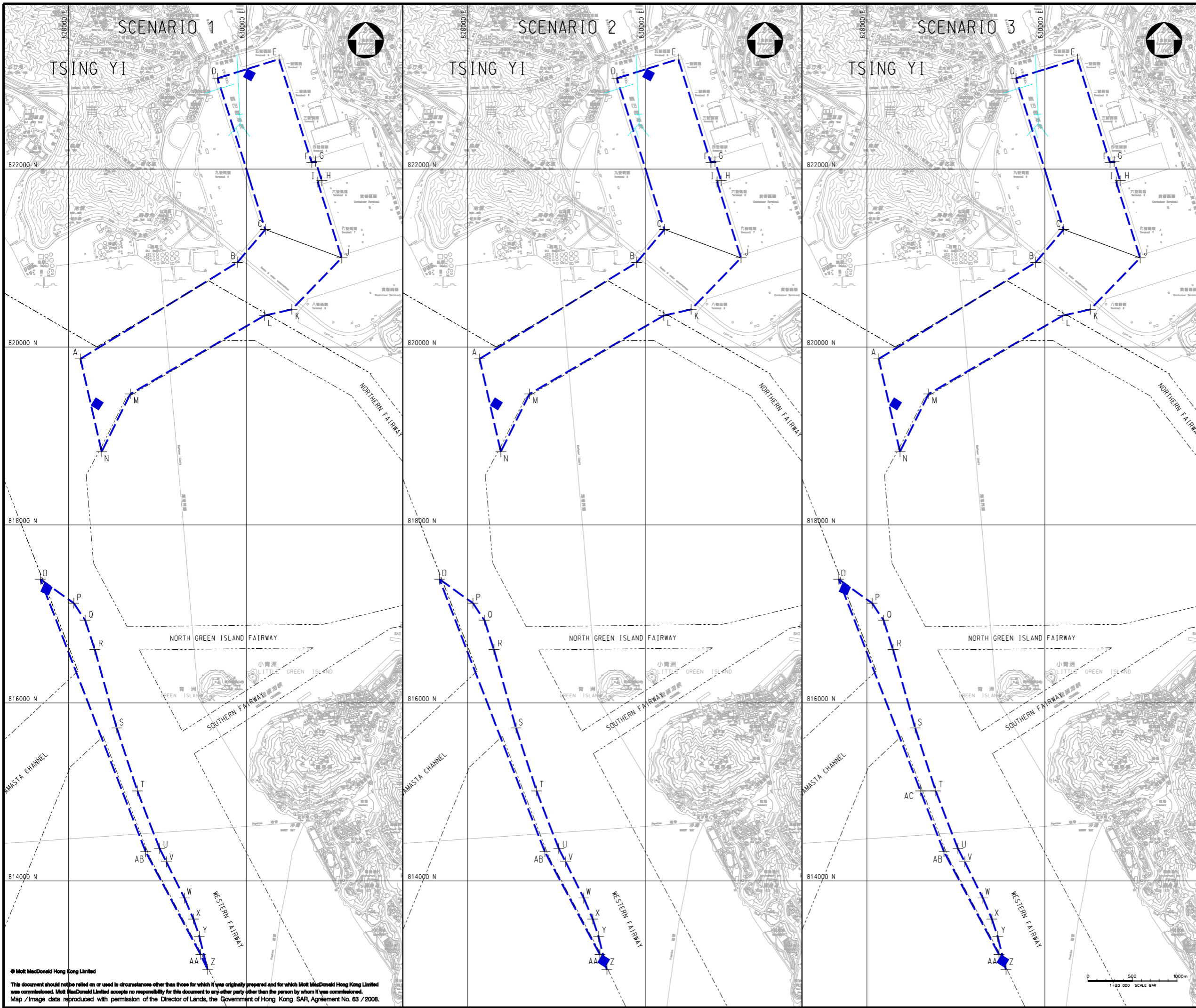
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**PROVIDING SUFFICIENT WATER  
 DEPTH FOR KWAI TSING CONTAINER  
 BASIN AND ITS APPROACH CHANNEL**

Title  
**Dredging Scenario 7**

Designed	JC	Eng check	JC
Drawn	DC	Coordination	JC
Dwg check	JC	Approved	AFK
Scale at A1	-	Status	PRE
		Rev	P1

Drawing Number **Figure 3.5h**

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 1:25000:3-A401-REPORT-ENV-DA08124-FIGURE.dgn DATE: 05/01/2010 TIME: 16:33:56 USER: ymk2169



- LEGEND:
- PROPOSED DREDGING AREA
  - SUBMARINE OUTFALL
  - FAIRWAY
  - ◆ GRAB DREDGER
  - ◆ CUTTER SECTION DREDGER

POINT	CO-ORDINATES	
	EASTING(m)	NORTHING(m)
A	828134.460	819866.927
B	829897.721	820949.491
C	830212.143	821320.693
D	829676.372	823020.538
E	830367.162	823236.011
F	830733.565	822072.890
G	830778.549	822087.060
H	830847.811	821868.676
I	830802.652	821854.457
J	831071.879	821001.720
K	830511.346	820423.199
L	830202.796	820353.245
M	828694.577	819472.580
N	828373.002	818822.501
O	827683.373	817390.387
P	828060.074	817121.384
Q	828187.827	816930.292
R	828295.078	816601.867
S	828543.214	815719.037
T	828774.135	815011.902
U	829023.368	814365.367
V	829100.655	814214.494
W	829303.598	813808.449
X	829405.103	813571.647
Y	829470.622	813377.189
Z	829564.330	813006.435
AA	829484.918	813174.520
AC	828603.090	815011.902

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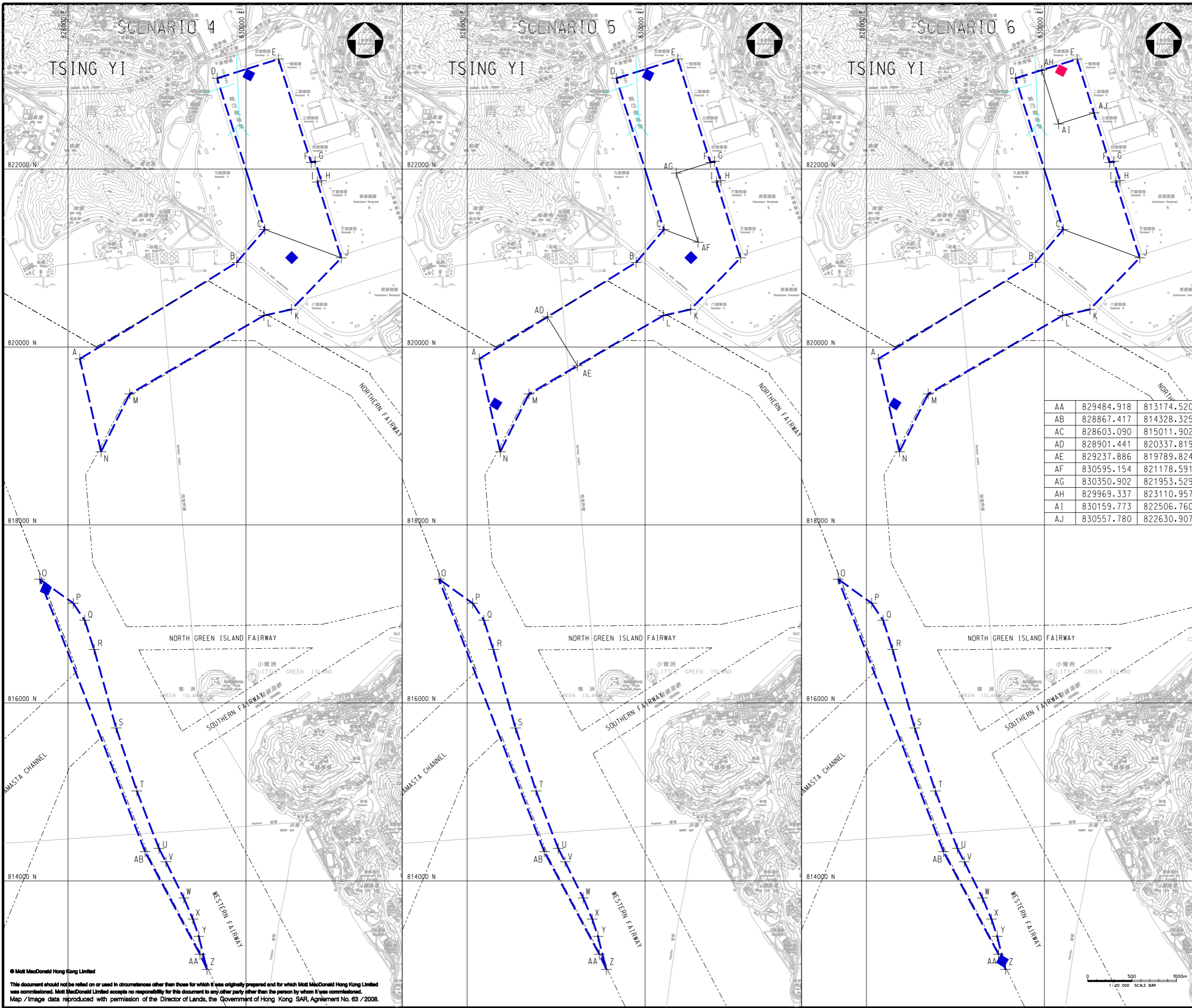
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FOR KWAI TSING CONTAINER BASIN  
AND ITS APPROACH CHANNEL**

Title

**WORKING ZONES OF  
DIFFERENT SCENARIOS**

Designed	DC	Eng check	JC
Drawn	MING	Coordination	JC
Dwg check	DC	Approved	AFK
Scale at A1	1:20000	Status	PRE
Drawing Number	FIGURE 3.5i		Rev P1





- LEGEND:
- PROPOSED DREDGING AREA
  - SUBMARINE OUTFALL
  - FAIRWAY
  - ◆ GRAB DREDGER
  - ◆ CUTTER SECTION DREDGER

CO-ORDINATES		
POINT	EASTING (m)	NORTHING (m)
A	828134.460	819866.927
B	829897.721	820949.491
C	830212.143	821320.693
D	829676.372	823020.538
E	830367.162	823236.011
F	830733.565	822072.890
G	830778.549	822087.060
H	830847.811	821868.676
I	830802.652	821854.457
J	831071.879	821001.720
K	830511.346	820423.199
L	830202.796	820353.245
M	828694.577	819472.580
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U	829023.368	814365.367
V	829100.655	814214.494
W	829303.598	813808.449
X	829405.103	813571.647
Y	829470.622	813377.189
Z	829564.330	813006.435


  

AA	829484.918	813174.520
AB	828867.417	814328.325
AC	828603.090	815011.902
AD	828901.441	820337.819
AE	829237.886	819789.824
AF	830595.154	821178.591
AG	830350.902	821953.529
AH	829969.337	823110.957
AI	830159.773	822506.760
AJ	830557.780	822630.907

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AND ITS APPROACH CHANNEL**

Title  
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DIFFERENT SCENARIOS**

Designed	DC	Eng check	JC
Drawn	MING	Coordination	JC
Dwg check	DC	Approved	AFK
Scale at A1	Status	Rev	
1:20000	PRE	P1	

Drawing Number **FIGURE 3.5j**