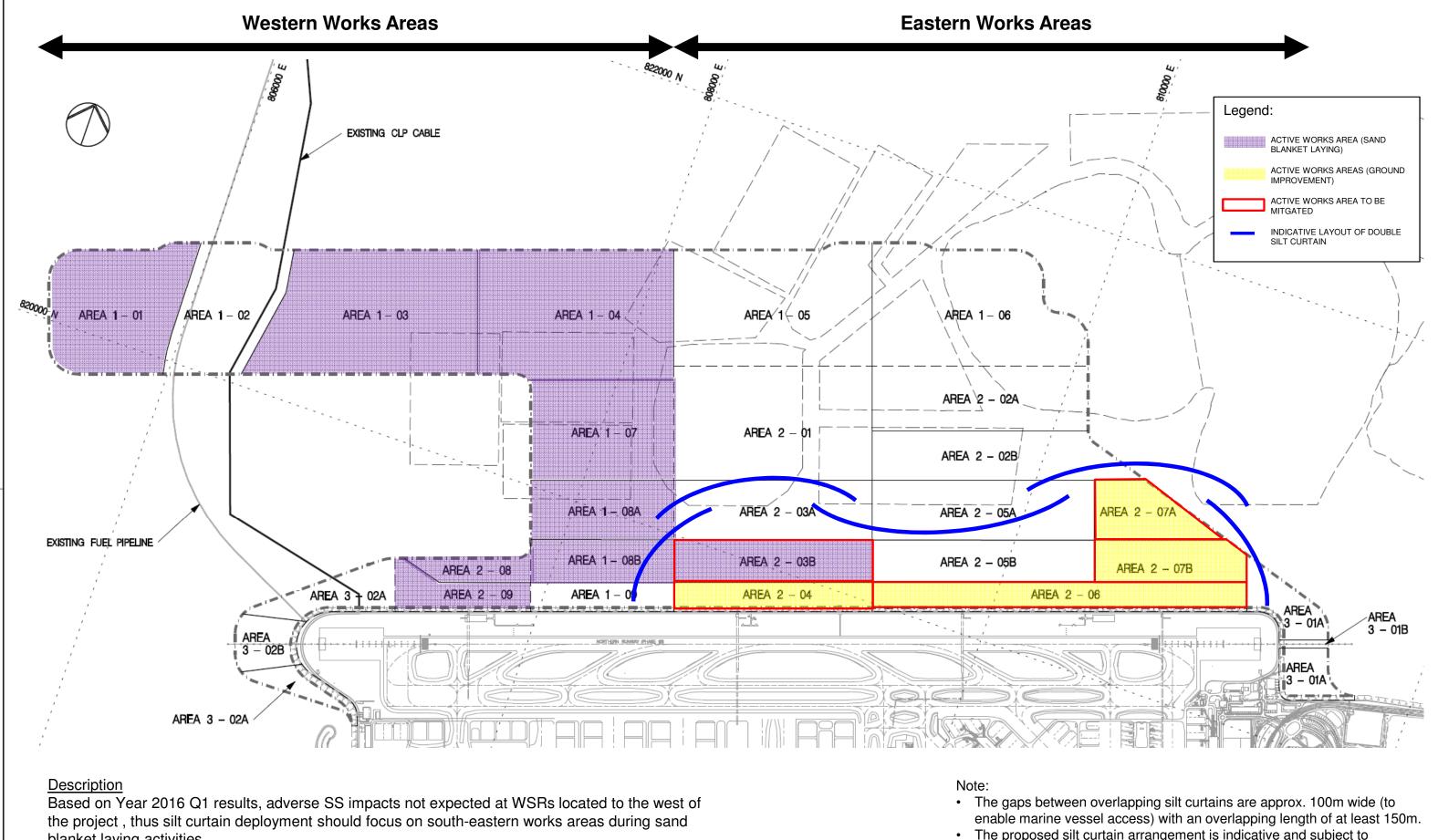


## Appendix D Configuration of Silt Curtains



blanket laying activities.

• The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

	Checked	Description	Date	Rev.
ł	Onbonod	2 double to 1	Duit	11011
1				
Airport Authority HKIA T Tel: (852) 2155 7111				

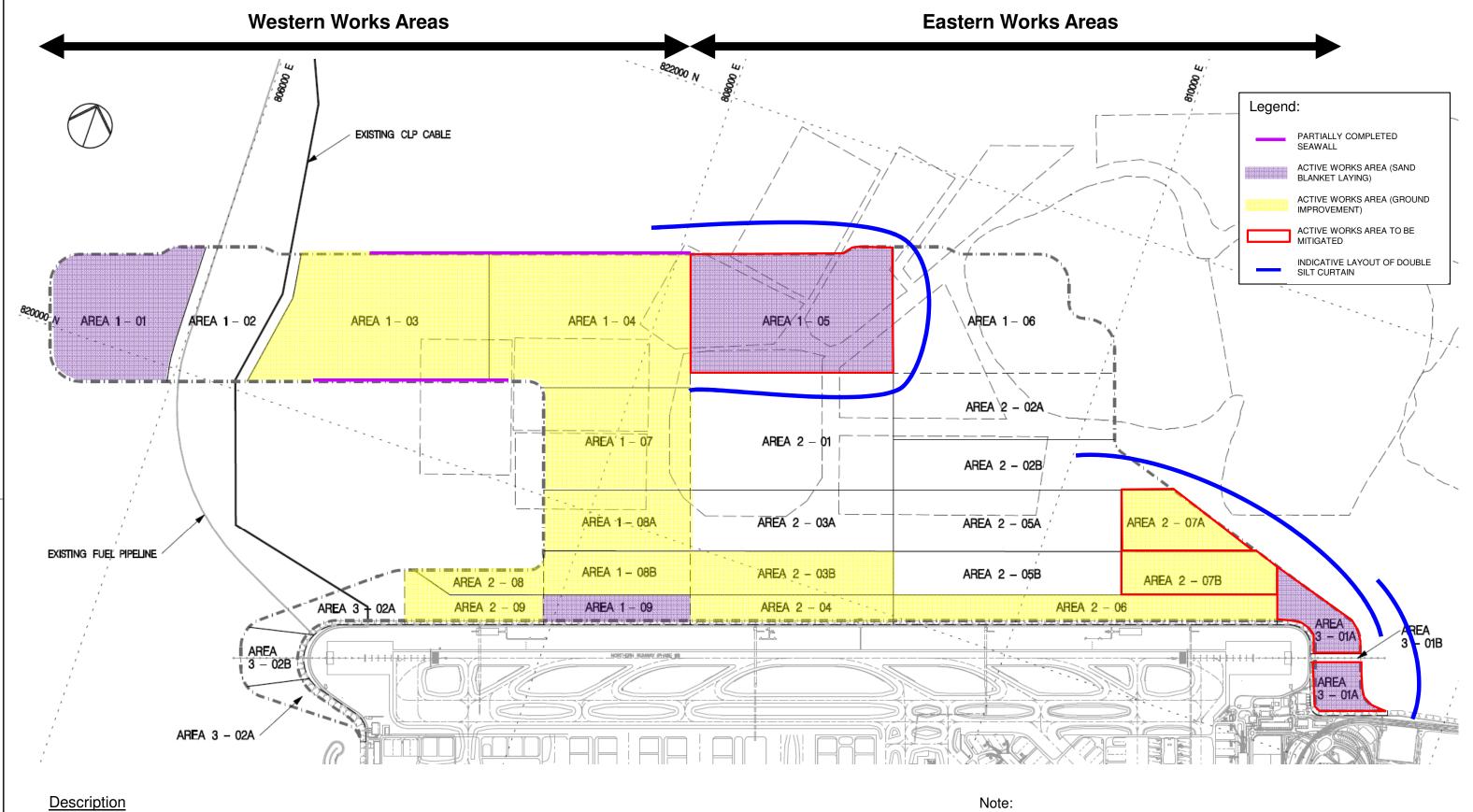
Filename: J:\308875\CAD\_ADMIN\MMH-308875-P-A3-N.dgn



**Mott MacDonald** 

INDICATIVE CONFIGURATION OF MITIGATION MEASURES (SNAPSHOT Urbis Limited FOR END OF 2016 Q1)

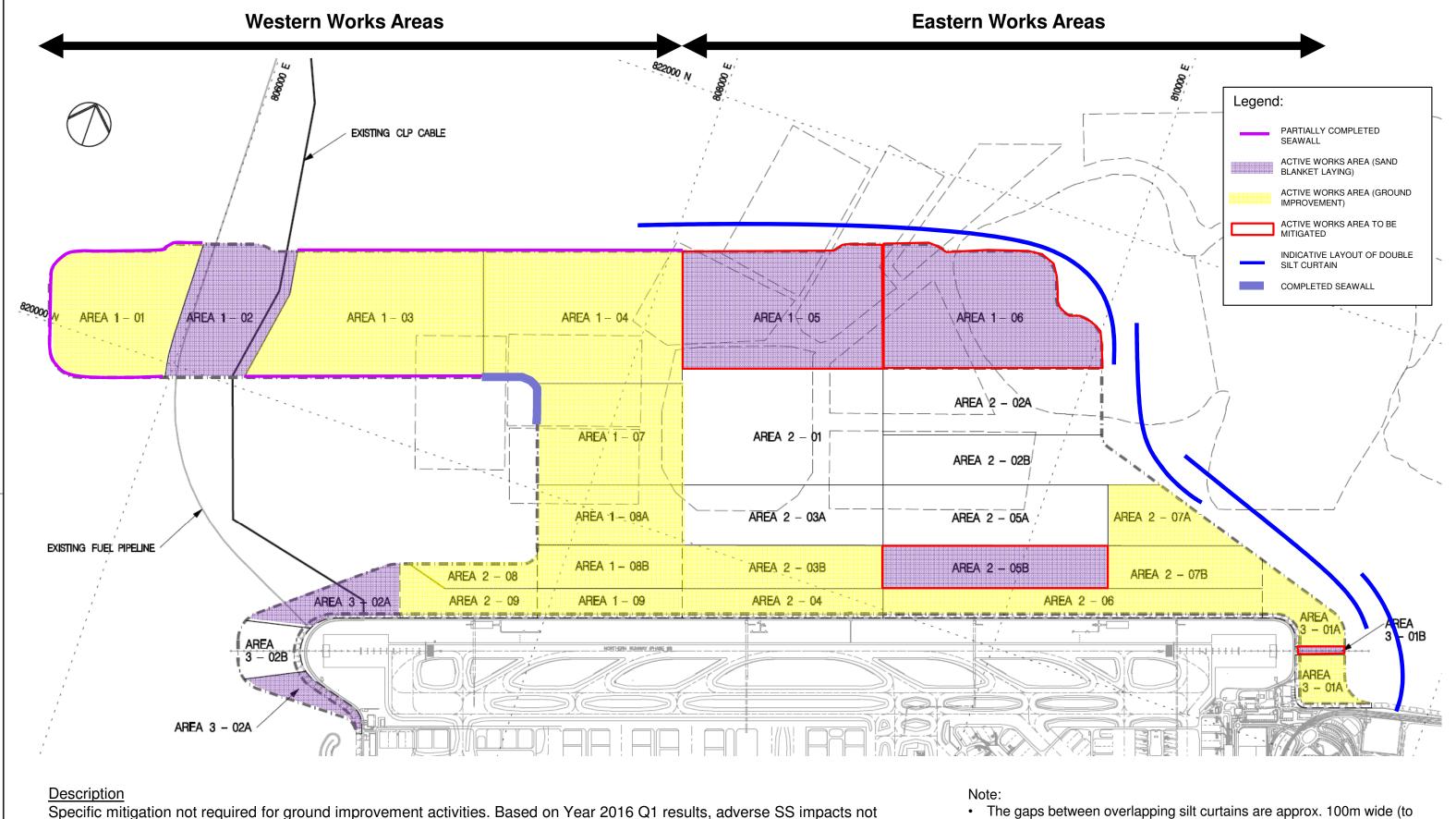
Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATION	IAL AIRPORT		
Design		INTO A THREE-RUNWAY SYSTEM			
Checkers		Drawing No.	Scale at A3		
Design Supervisor		Fig	1:17500		
Authorised Representative		Figure 1	Rev.		
ser name: ylm42169		Plote Date: 09/09/2013 Time: 13:49:32			



Specific mitigation not required for ground improvement activities. Based on Year 2016 Q1 results, adverse SS impacts not expected at WSRs located to the west of the project, thus silt curtain deployment focus on sand blanket laying activities near the eastern side of the project boundary (at works area 1-05 and 3-01A). Additional silt curtain covering works areas 2-07A and 2-07B proposed as a precautionary measure. Due to the large extent of the works areas and the multiple works fronts, deployment of silt curtains to completely surround the works areas is not feasible. Hence silt curtain arrangement should target mitigation of potential SS impacts to WSRs located to the east and northeast of the project.

- The gaps between overlapping silt curtains are approx. 100m wide (to enable marine vessel access) with an overlapping length of at least 150m.
- The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

		•			• •					
Rev.	Date	Description	Checked				Title	Consultant's Signatures for Approval	Date EXPANSION OF HONG KONG INTE	RNATIONAL AIRPORT
					$\sim$		INDICATIVE CONFIGURATION OF	Design	INTO A THREE-RUNWAY SYSTEM	
					Mott MacDe		MITIGATION MEASURES (SNAPSHOT	Checkers	Drawing No.	Scale at A3
				香港   HONG KONG INTERNATIONAL 國際機場   AIRPORT	ARUP Deltares	Lirbis Limited	FOR END OF 2016 Q2)	Design Supervisor	Figure 2	1:17500
				Airport Authorfly HIGA Tower, 1 Bley Plaza Road, Hong Kong International Alepod, Lutriau, Hong Kong Tel: 08582 2188 7111 Fex : (9535 2864 0777	Atkins China Limited Ecosystems Clymene Enterprises SDA Marine	LIMITED LIMITED	FOR END OF 2016 Q2)	Authorised Representative	Figure 2	Hev.
Fllenar	me: J:\30887	'5\CAD_ADMIN\MMH-308875-P-A3-N.dgn						User name: ylm42169	Plote Date: 09/09/2013 Time: 13:49:32	



expected at WSRs located to the west of the project, thus silt curtain deployment focus on sand blanket laying activities near the eastern side of the project boundary (at works area 1-05, 1-06, 2-05B and 3-01B). Silt curtain covering works areas 2-07A and 2-07B retained to further minimise SS release at the eastern works areas. Due to the large extent of the works areas and the multiple works fronts, deployment of silt curtains to completely surround the works areas is not feasible. Hence silt curtain arrangement should target mitigation of potential SS impacts to WSRs located to the east and northeast of the project.

- enable marine vessel access) with an overlapping length of at least 150m.
- The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

	Checked	Description	Date	Rev.
香港 HONG KONG INTERNATIONAL MR機場 AIRPORT				
Airport Authorby HKIA Tower, 1 Bley Please Road, Hong Kong International Airport, Lan Tel: (852) 2185 7111				

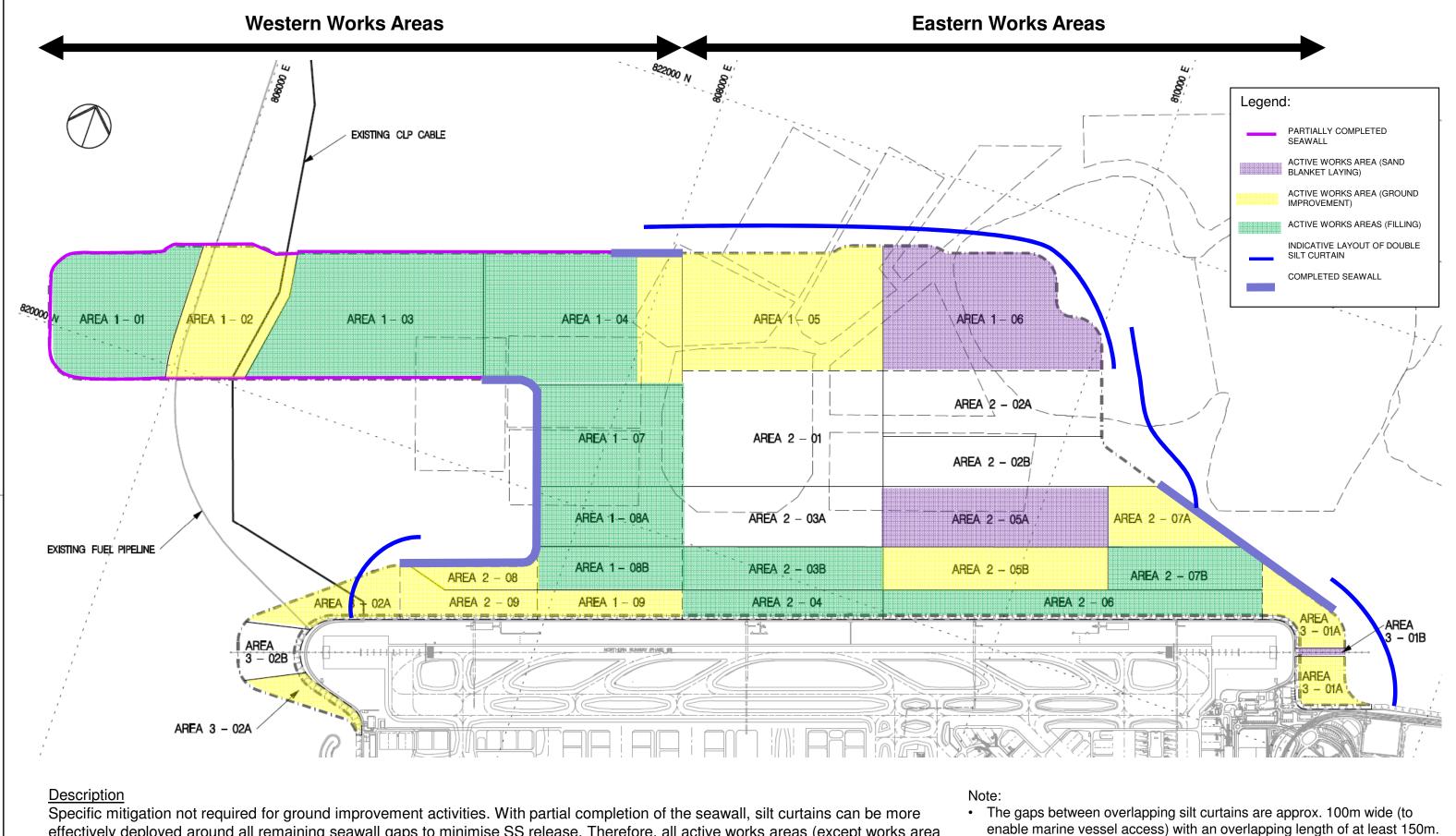
Filename: J:\308875\CAD\_ADMIN\MMH-308875-P-A3-N.dgn

Mott MacDonald

Urbis Limited

INDICATIVE CONFIGURATION OF MITIGATION MEASURES (SNAPSHOT FOR END OF 2016 Q3)

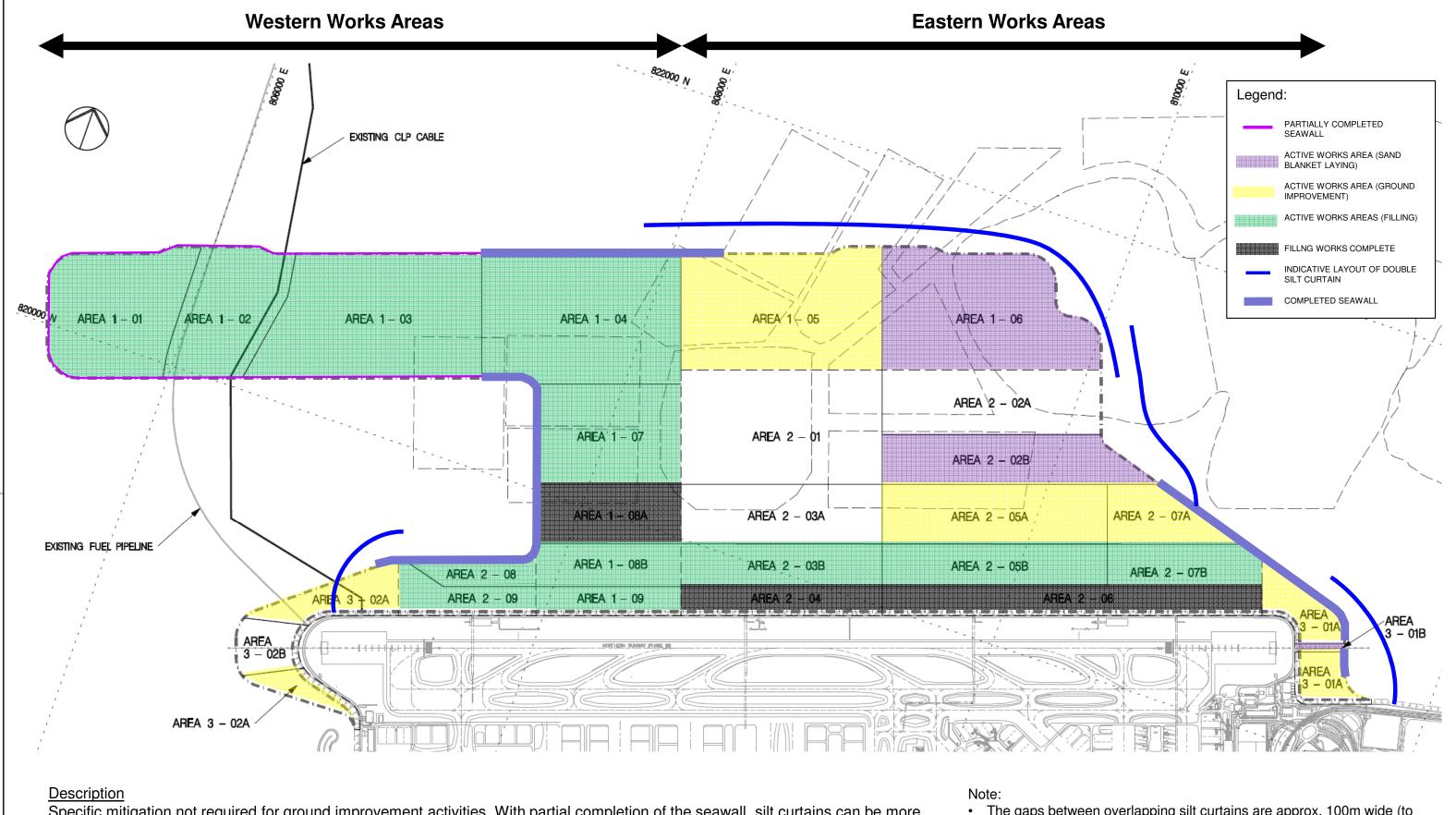
Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATION	JAL AIRPOR	
Design		INTO A THREE-RUNWAY SYSTEM		
Checkers		Drawing No.	Scale at A3	
Design Supervisor		Figure 3	1:17500 Rev.	
Authorised Representative			1104.	
Llean manner of the 40460		Dista Data: 00/00/0042 Taxa: 42:40:20		



effectively deployed around all remaining seawall gaps to minimise SS release. Therefore, all active works areas (except works area 3-02A) would be mitigated.

• The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

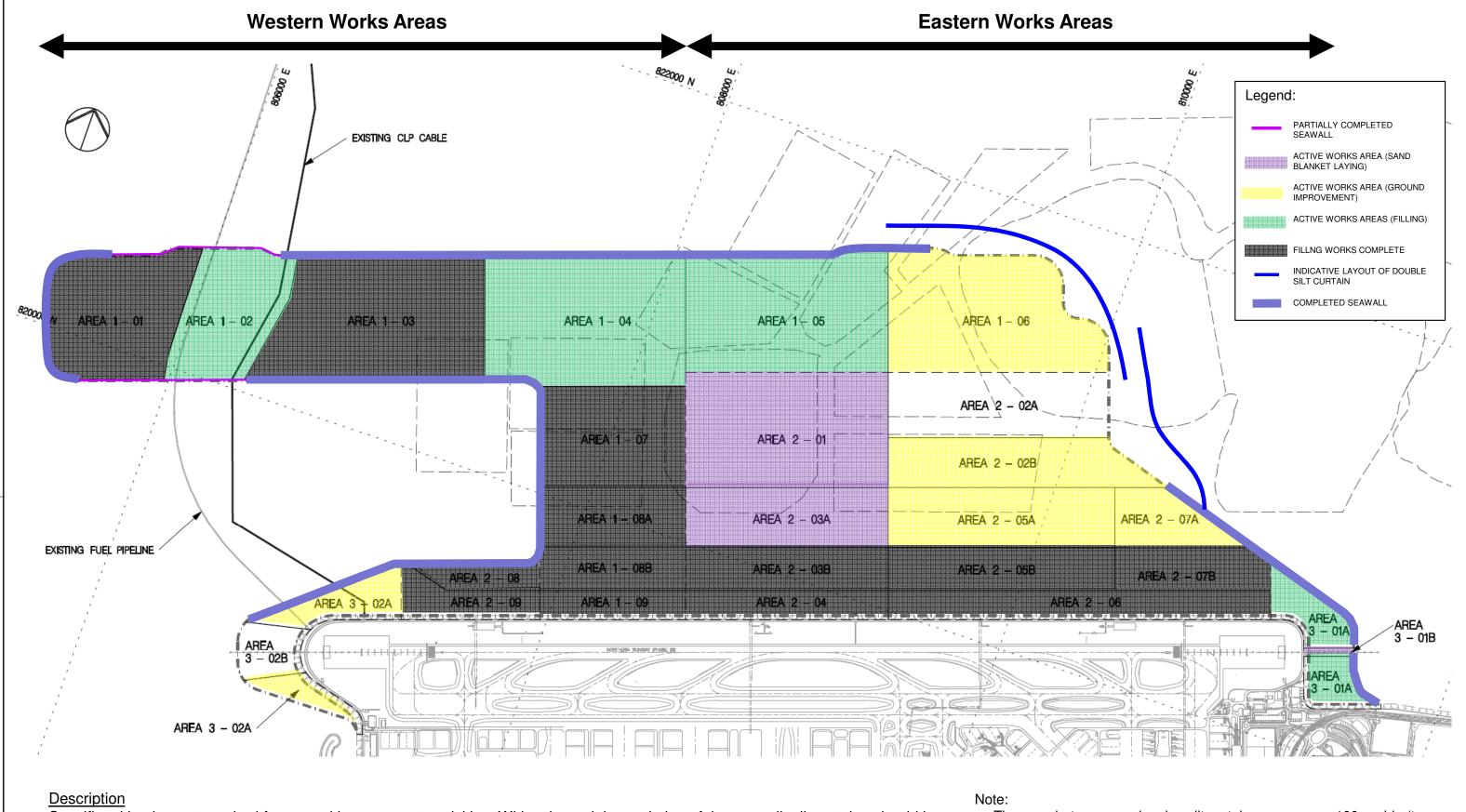
Rev.	Date	Description	Checked			<u> </u>		Title	Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATION	NAL AIRPORT
								INDICATIVE CONFIGURATION OF	Design		INTO A THREE-RUNWAY SYSTEM	_
					М	ott MacDonald In association with		MITIGATION MEASURES (SNAPSHOT	Checkers		Drawing No.	Scale at A3
				香港   HONG KONG INTERNATIONAL 國際機場   AIRPORT	ARUP Deltares Atkins China Limited Ecosystems Limited	Deltares Urbis Limited	Deltares Urbis Limited FOR FND OF 2016 O4)	Design Supervisor		Figure 4	1:17500 Rev	
				Airport Authority H40A Tower, 1 Bby Plaza Road, Hong Kong International Airport, Luniau, Hong Kong Tel : (852) 2188 7111 Par : (952) 2894 (7717	Clymene Enterprises	SDA Marine Limited	URS Limited	TOTTEND OF 2010 QT)	Authorised Representative		rigare 4	1101.
Filena	me: J:\3088	75\CAD_ADMIN\MMH-308875-P-A3-N.dgn		•					User name: ylm42169		Plote Date: 09/09/2013 Time: 13:49:32	



Specific mitigation not required for ground improvement activities. With partial completion of the seawall, silt curtains can be more effectively deployed around all remaining seawall gaps to minimise SS release. Therefore, all active works areas (except works area 3-02A) would be mitigated.

- The gaps between overlapping silt curtains are approx. 100m wide (to enable marine vessel access) with an overlapping length of at least 150m.
- The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

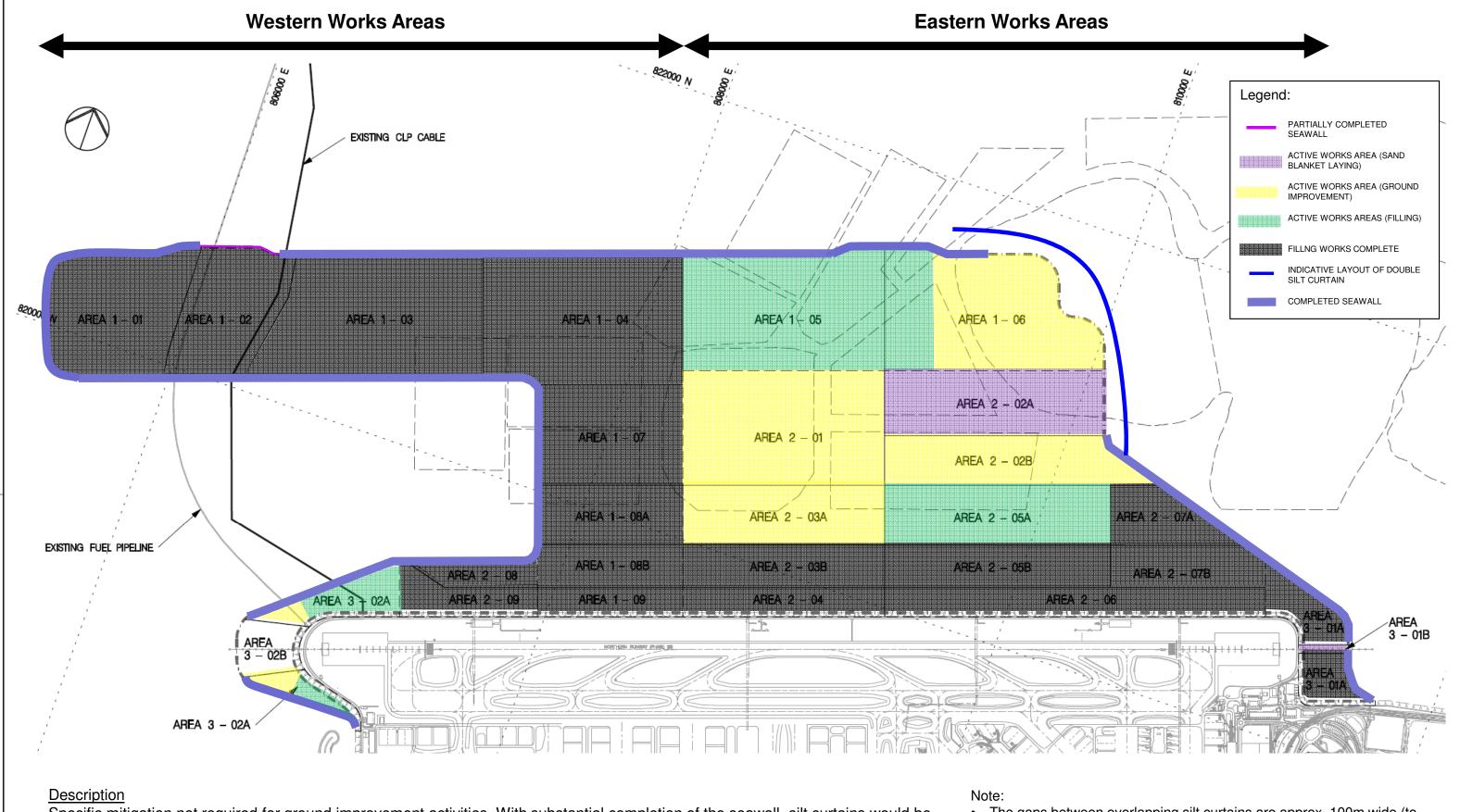
Rev.	Date	Description	Checked			<u> </u>		Title		Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATION	NAL AIRPORT
								INDICATIVE CONFIGURATION OF	F	Design		INTO A THREE-RUNWAY SYSTEM	
					M	ott MacDonald		MITIGATION MEASURES (SNAPS		Checkers		Drawing No.	Scale at A3
				香港 HONG KONG INTERNATIONAL 國際機場 AIRPORT	ARUP Deltares	P Deltares Urbis Limited	FOR END OF 2017 Q1)	01101	Design Supervisor		Figure 5	1:17500	
				Airport Authority HKCA Tower, 1 Stry Places Road, Hong Kong International Aliport, Lantau, Hong Kong Tel: (850) 2188 7111 Fex: (850) 2864 1717	Atkins China Limited Clymene Enterprises	Ecosystems Limited SDA Marine Limited	URS Limited	TOTTEND OF 2017 QT)		Authorised Representative		rigare 5	ITCV.
Filena	me: J:\3088	75\CAD_ADMIN\MMH-308875-P-A3-N.dgn		·	•					User name: ylm42169	_	Plote Date: 09/09/2013 Time: 13:49:32	_



Specific mitigation not required for ground improvement activities. With substantial completion of the seawall, silt curtains should be deployed at the main remaining seawall opening along the north-eastern side of the project area to minimise SS release. The smaller gaps located at the south-western and south-eastern tips would be largely closed off to dominant tidal flows, hence are not expected to contribute significant SS release.

- The gaps between overlapping silt curtains are approx. 100m wide (to enable marine vessel access) with an overlapping length of at least 150m.
- The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

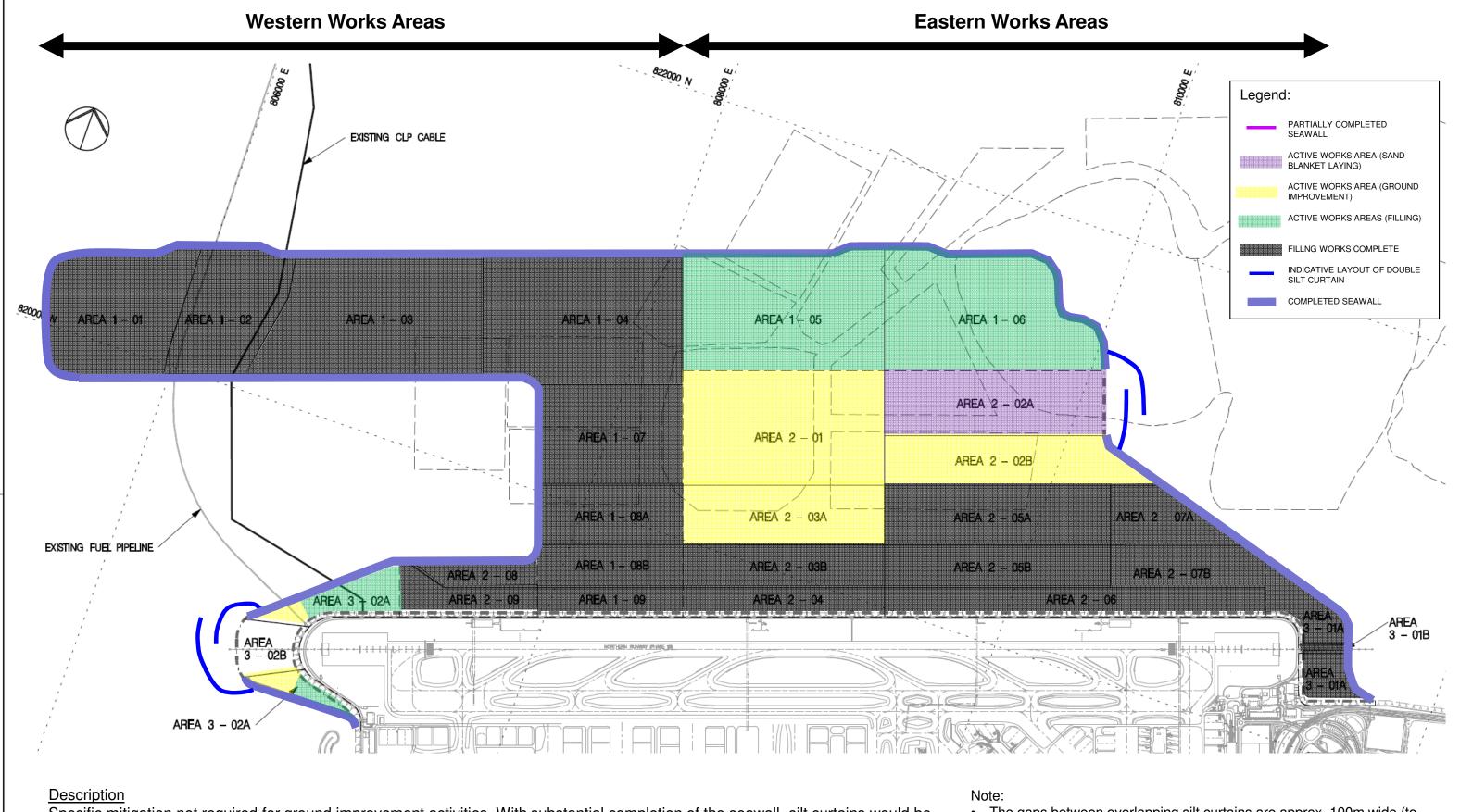
Rev.	. Date	Description	Checked		$\sim$		Title	Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATION	NAL AIRPORT
							INDICATIVE CONFIGURATION OF	Design		INTO A THREE-RUNWAY SYSTEM	
					Mott MacDonald			Checkers		Drawing No.	Scale at A3
				香港 HONG KONG INTERNATIONAL 国際機場 AIRPORT	ARUP Deltares		MITIGATION MEASURES (SNAPSHOT	Design Supervisor			1:17500
					Atkins China Limited Ecosystems Limited	Urbis Limited URS Limited	FOR END OF 2017 Q2)			Figure 6	Rev.
				Airport Authorfly HKIA Tower,1 Bley Plaza Road, Hong Kong International Airport, Laztau, Hong Kong Tel: 8852 2888 7811	Clymene Enterprises SDA Marine Limited	URS LIMITED	. ,	Authorised Representative			
Filena	ame: J:\308	75\CAD ADMIN\MMH-308875-P-A3-N.dgn	_	·	_			User name: ylm42169		Plote Date: 09/09/2013 Time: 13:49:32	



Specific mitigation not required for ground improvement activities. With substantial completion of the seawall, silt curtains would be deployed at the main remaining seawall opening along the north-eastern side of the project area to minimise SS release. The smaller gaps located at the south-western and south-eastern tips would be closed off to dominant tidal flows, hence are not expected to contribute significant SS release.

- The gaps between overlapping silt curtains are approx. 100m wide (to enable marine vessel access) with an overlapping length of at least 150m.
- The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

Rev.	Date	Description	Checked					Title	Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATION	NAL AIRPORT
								INDICATIVE CONFIGURATION OF	Design		INTO A THREE-RUNWAY SYSTEM	
								MITIGATION MEASURES (SNAPSHOT	Checkers		Drawing No.	Scale at A3
				香港 HONG KONG INTERNATIONAL 國際機場 AIRPORT	In association with ARUP Deltares	ARUP Deltares Limited	Lirbis Limited	•	Design Supervisor		 	1:17500
				Alport Authority HRIA Tower, 1 Bey Place Road, Hong Kong International Alport, Lantau, Hong Kong Tel: 2850, 2150 7111 Pac: \$650, 2650 Fig. 2	Atkins Chinz Limited Clymene Enterprises	Ecosystems Limited SDA Marine Limited	URS Limited	FOR END OF 2017 Q3)	Authorised Representative		Figure 7	Hev.
Filenar	ne: J:\3088	75\CAD_ADMIN\MMH-308875-P-A3-N.dgn		•					User name: ylm42169		Plote Date: 09/09/2013 Time: 13:49:32	



Specific mitigation not required for ground improvement activities. With substantial completion of the seawall, silt curtains would be deployed at the remaining seawall opening along the eastern side of the project area to minimise SS release. With commencement of marine filling activities at works area 3-02A, silt curtains should also be deployed at this location as a precautionary measure to minimise SS release.

- The gaps between overlapping silt curtains are approx. 100m wide (to enable marine vessel access) with an overlapping length of at least 150m.
- The proposed silt curtain arrangement is indicative and subject to adjustment to suit the actual construction sequence, site conditions, marine traffic considerations, and the contractor's working methods.

Rev.	Date	Description	Checked			~~		Title	Consultant's Signatures for Approval	Date	EXPANSION OF HONG KONG INTERNATIO	ONAL AIRPORT					
					,			INDICATIVE CONFIGURATION OF	Design		INTO A THREE-RUNWAY SYSTEM						
<b>—</b>					М	ott MacDonald		MITIGATION MEASURES (SNAPSHOT	Checkers		Drawing No.	Scale at A3					
				香港 HONG KONG INTERNATIONAL  國際機場 AIRPORT	曹海 international International	= /S INTERNATIONAL	= /S INTERNATIONAL	= /S INTERNATIONAL	= /© INTERNATIONAL	ARUP Atkins China Limited		Urbis Limited	FOR END OF 2017 Q4)	Design Supervisor		Figure 8	1:17500 Rev.
				Airport Authority HGA Tever, 1 Bley Place Road, Hong Kong International Alapod, Laniau, Hong Kong Tel : 8550 2185 7811 Fex : 8550 2854 0717	Clymene Enterprises	SDA Marine Limited	URS Limited	TOTTEND OF ZOTT Q+)	Authorised Representative			1164.					
Filena	ne: J:\308875\0	CAD_ADMIN\MMH-308875-P-A3-N.dgn							User name: ylm42169	_	Plote Date: 09/09/2013 Time: 13:49:32						