

Project :  
Title :

Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation  
Construction Noise Calculation

Table 1 - Notional Distance from Construction Sites to NSRs, m

NSRs	Work Site																									
	S1a	S1b	S1c	S1d	S1e	S2a	S2b	S2c	S3a	S3b	S3c	S4a	S4b	S4c	S4d	S4e	S4f	S5	S6a	S6b	S6c	S11a	S11b	S11c	S11d	
Site A&B - R203																						195				
Site A&B - School 01																				215			150	260		
Site A&B - R803																				145			165	185		
Site A&B - R903																				60			210	180		
Site C2 - R102																				10	190		250	100	165	
Site C2 - School 05		245									300						245		15	65	195		160	105		
Site E - R502		20						235			140					275	160			75	75			250	135	
Site E - R604		155						210		290	155			290		215	205			130	140				125	
Site E - R803		265						195		180	215		280	165	240	165	260			225	240				95	
Site E - R904			215	215		285	150	210	230	135	220	280	215	105	195	175				295					125	
Site E - R1003			110	300	270	215	170		150	130		235	165	105	200											
Site E - School			65	250	220	195	185		120	135		205	160	135	220											
Tat Cheung Hse 02	45																									
Sau Mau Ping Catholic Primary School 02	130		135	195	40																					
Tat Yan Hse			250	80	130	240			180			245														
Ma Yau Tong Village									280									80								
Ma Yau Tong Village No.1																		60								
R2-9&10 - R001																										
E2-R003																										
RS-1 - R008																										
R2-8 - R010																										

Table 2 - Distance Attenuation and Facade Correction, dB(A)

NSRs	Work Site																									
	S1a	S1b	S1c	S1d	S1e	S2a	S2b	S2c	S3a	S3b	S3c	S4a	S4b	S4c	S4d	S4e	S4f	S5	S6a	S6b	S6c	S11a	S11b	S11c	S11d	
Site A&B - R203																							-51			
Site A&B - School 01																				-52			-49	-53		
Site A&B - R803																				-48			-49	-50		
Site A&B - R903																				-41			-51	-50		
Site C2 - R102																				-25	-51		-53	-45	-49	
Site C2 - School 05		-53									-55					-53			-29	-41	-51		-49	-45		
Site E - R502		-31						-52			-48				-54	-49				-43	-43			-53	-48	
Site E - R604		-49						-51		-54	-49			-54	-52	-51				-47	-48				-47	
Site E - R803		-53						-51		-50	-52		-54	-49	-53	-49	-53				-52	-53			-45	
Site E - R904			-52	-52		-54	-49	-51	-52	-48	-52	-54	-52	-45	-51	-50				-54					-47	
Site E - R1003			-46	-55	-54	-52	-50		-49	-47		-52	-49	-45	-51											
Site E - School			-41	-53	-52	-51	-50		-47	-48		-51	-49	-48	-52											
Tat Cheung Hse 02	-38																									
Sau Mau Ping Catholic Primary School 02	-47		-48	-51	-37																					
Tat Yan Hse			-53	-43	-47	-53			-50			-53														
Ma Yau Tong Village									-54									-43								
Ma Yau Tong Village No.1																		-41								
R2-9&10 - R001																										
E2-R003																										
RS-1 - R008																										
R2-8 - R010																										

Project :  
Title :

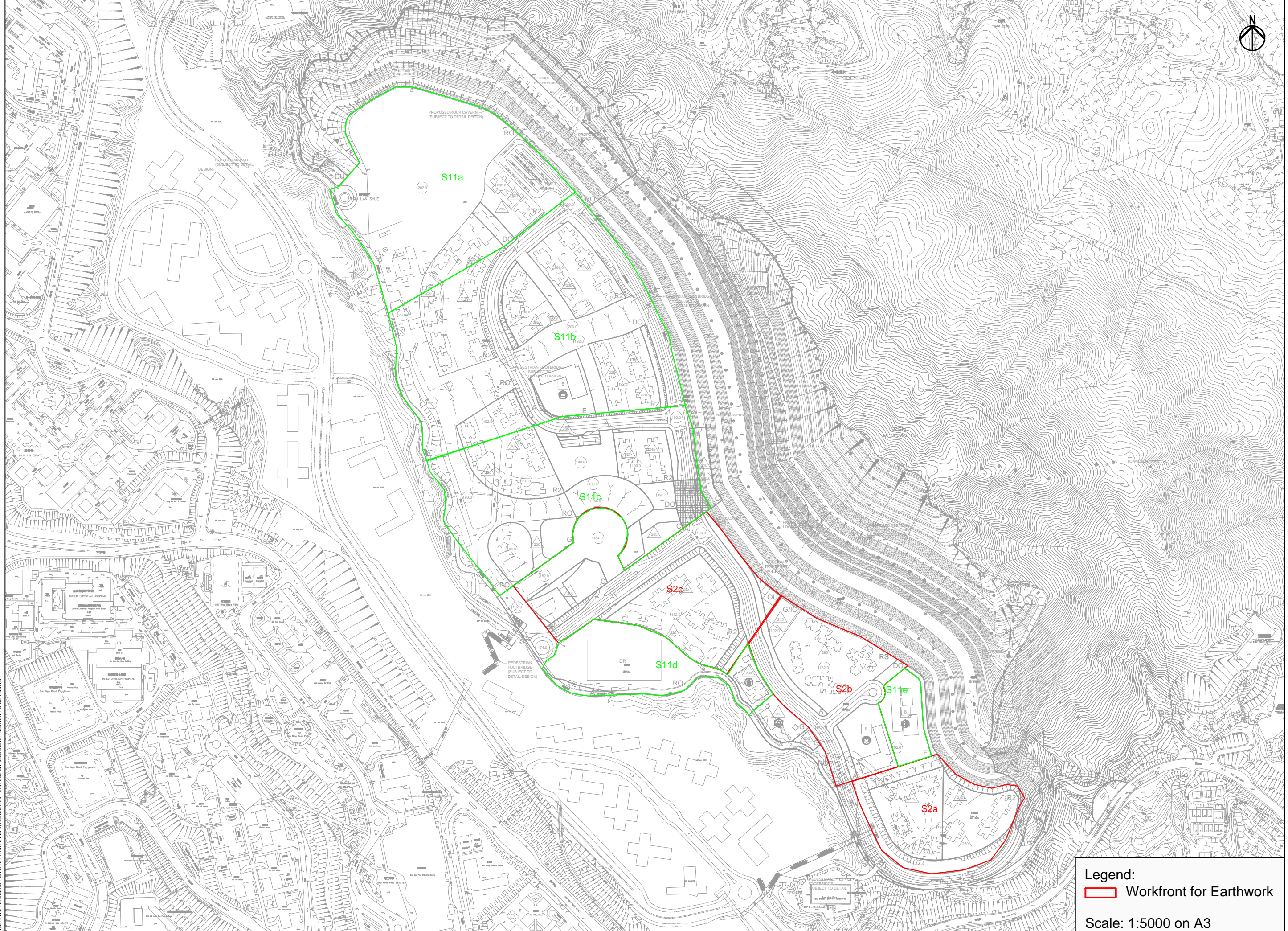
Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation  
Construction Noise Calculation


Table 1 - Notional Distance from Construction Sites to NSRs, m

NSRs	Work Site																											
	S11e	S12a	S12b	S12c	S12d	S12e	S13a	S13b	S13c	S13d	S13e	S13f	S13g	S13h	S13i	S21a	S22a	S22b	S22c	S22d	S23a	S23b	S23c	S26a	S26b	S26c	S31a	S31b
Site A&B - R203																												145
Site A&B - School 01							275	250																				130
Site A&B - R803			280				255	210																				180
Site A&B - R903			275				260	195			290																	275
Site C2 - R102			205		215		275	155	290		175	260																
Site C2 - School 05			265		230			230		295	150	160																
Site E - R502												180				175												
Site E - R604												260				105												
Site E - R803												145				120												
Site E - R904	280													110	280	170												
Site E - R1003	240														240													
Site E - School	235														235													
Tat Cheung Hse 02																												
Sau Mau Ping Catholic Primary School 02																												
Tat Yan Hse																												
Ma Yau Tong Village																												
Ma Yau Tong Village No.1																												
R2-9&10 - R001														275	55													
E2-R003															25													
RS-1 - R008															55													
R2-8 - R010										285	240	205	100															

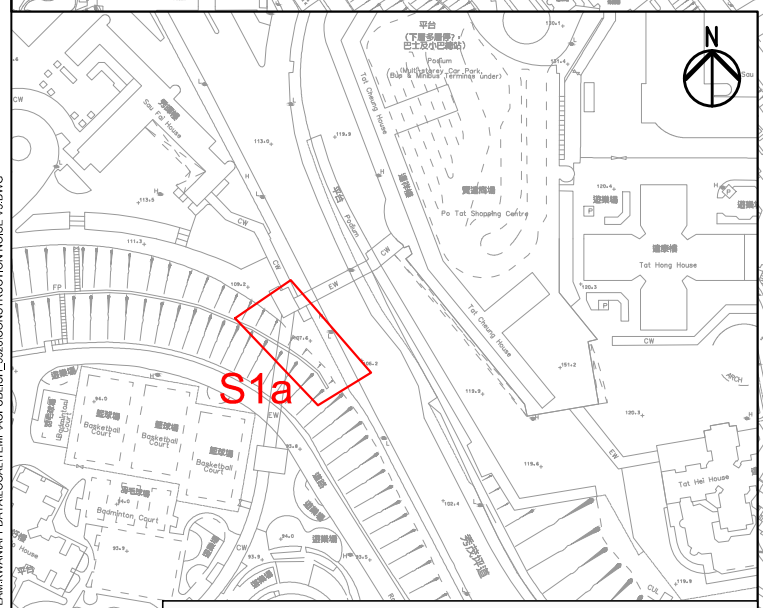
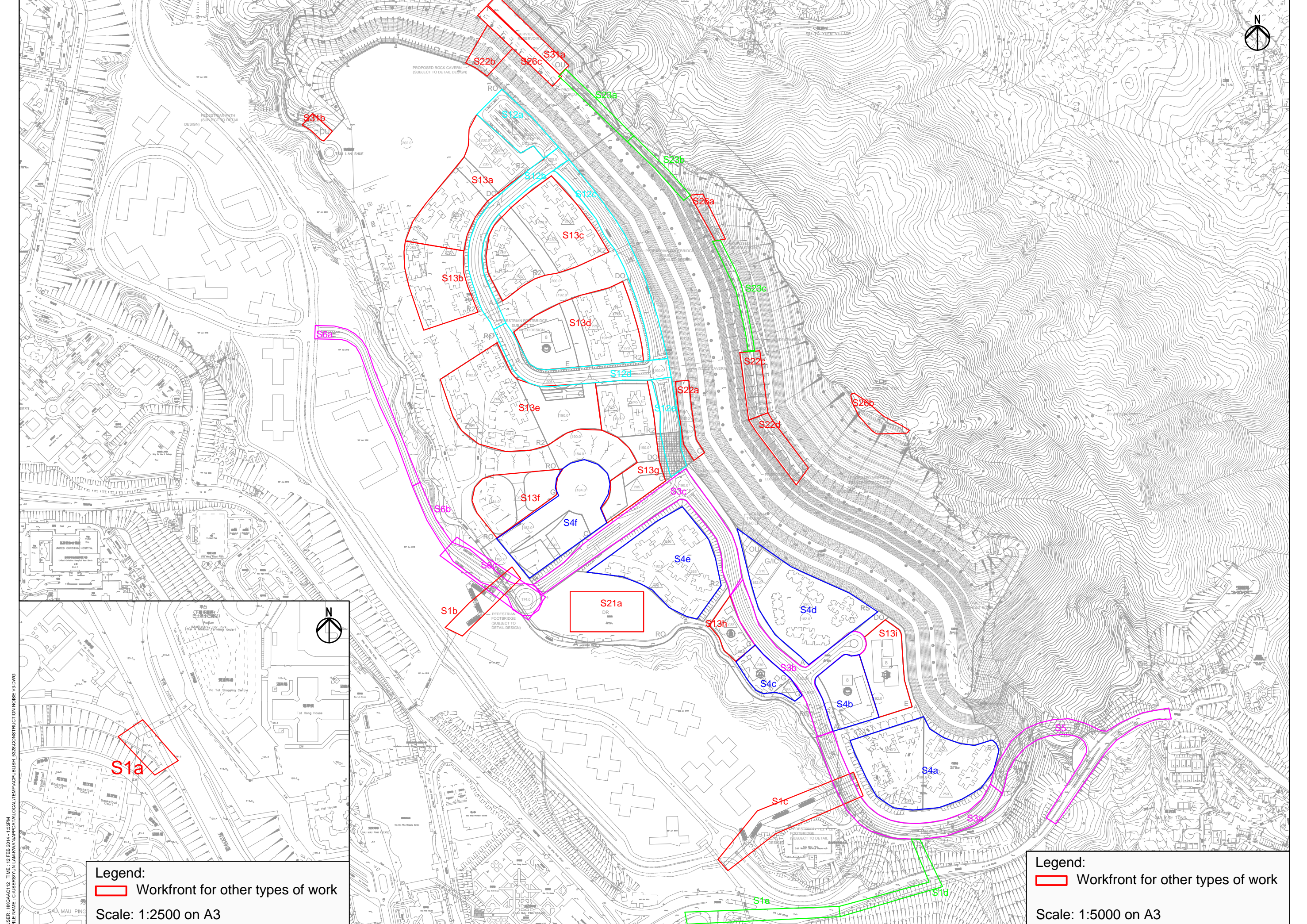
Table 2 - Distance Attenuation and Facade Correction, dB(A)

NSRs	Work Site																											
	S11e	S12a	S12b	S12c	S12d	S12e	S13a	S13b	S13c	S13d	S13e	S13f	S13g	S13h	S13i	S21a	S22a	S22b	S22c	S22d	S23a	S23b	S23c	S26a	S26b	S26c	S31a	S31b
Site A&B - R203																												-48
Site A&B - School 01							-54	-53																				-47
Site A&B - R803			-54				-53	-51																				-50
Site A&B - R903			-54				-53	-51			-54																	-54
Site C2 - R102			-51		-52		-54	-49	-54		-50	-53																
Site C2 - School 05			-53		-52			-52		-54	-49	-49																
Site E - R502												-50				-50												
Site E - R604												-53		-53		-45												
Site E - R803														-48		-47												
Site E - R904	-54													-46	-54	-50												
Site E - R1003	-53														-53													
Site E - School	-52														-52													
Tat Cheung Hse 02																												
Sau Mau Ping Catholic Primary School 02																												
Tat Yan Hse																												
Ma Yau Tong Village																												
Ma Yau Tong Village No.1																												
R2-9&10 - R001														-54	-40													
E2-R003															-33													
RS-1 - R008															-40													
R2-8 - R010										-54	-53	-51	-45															



**Legend:**  
 Workfront for Earthwork  
Scale: 1:5000 on A3

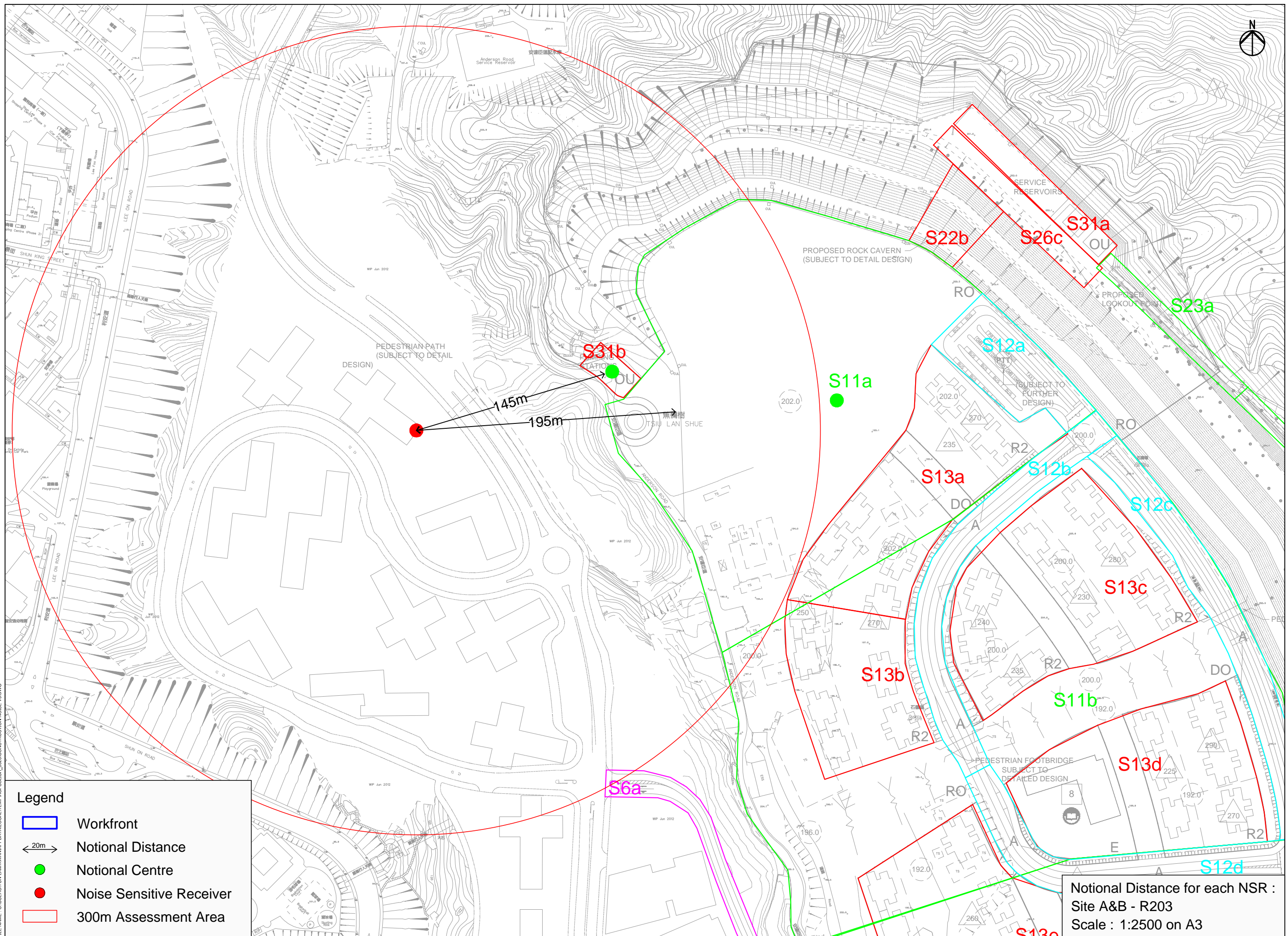
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Legend:  
 Workfront for other types of work  
 Scale: 1:2500 on A3

Legend:  
 Workfront for other types of work  
 Scale: 1:5000 on A3

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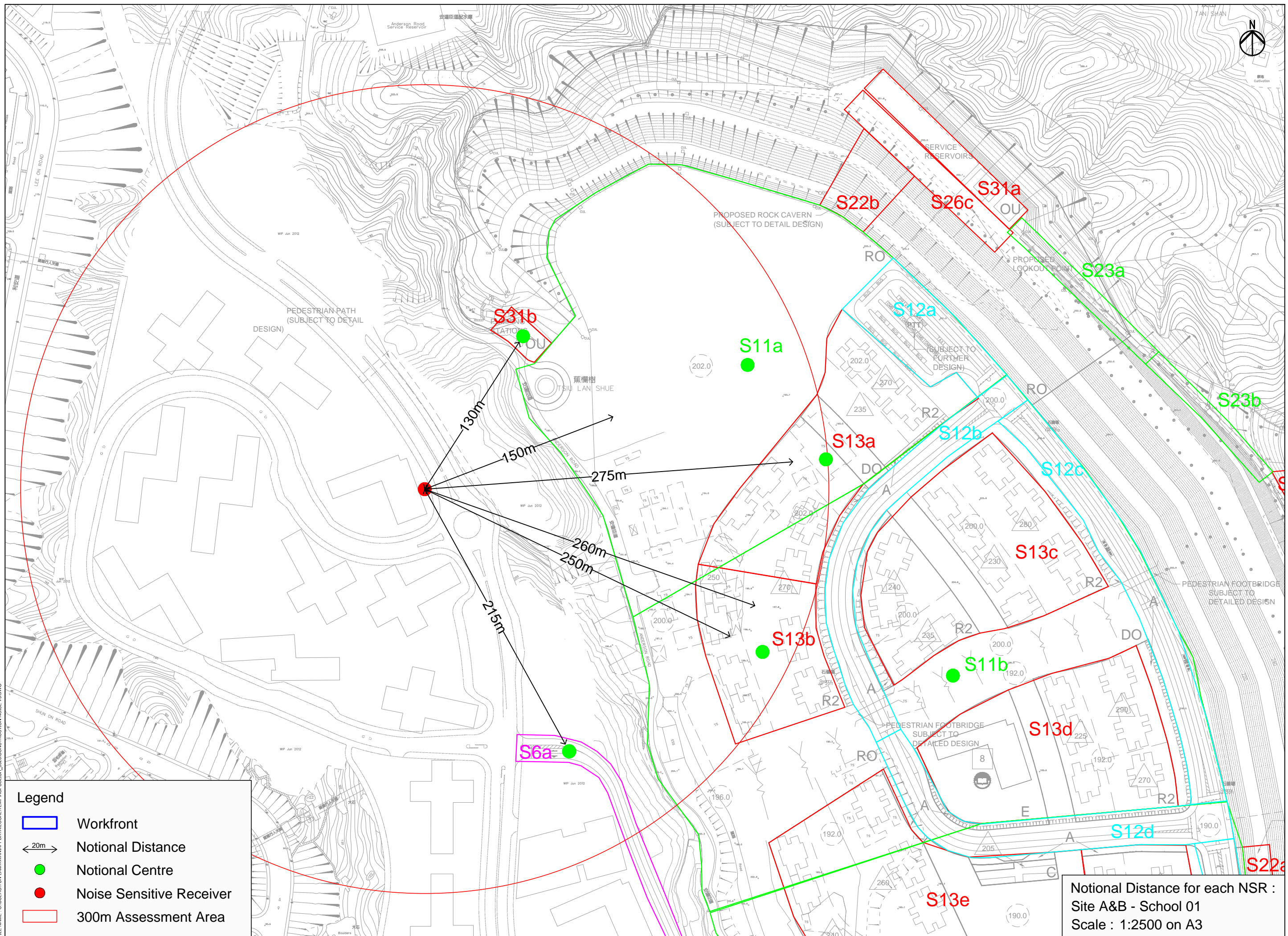


**Legend**

-  Workfront
-  Notional Distance
-  Notional Centre
-  Noise Sensitive Receiver
-  300m Assessment Area

Notional Distance for each NSR :  
 Site A&B - R203  
 Scale : 1:2500 on A3

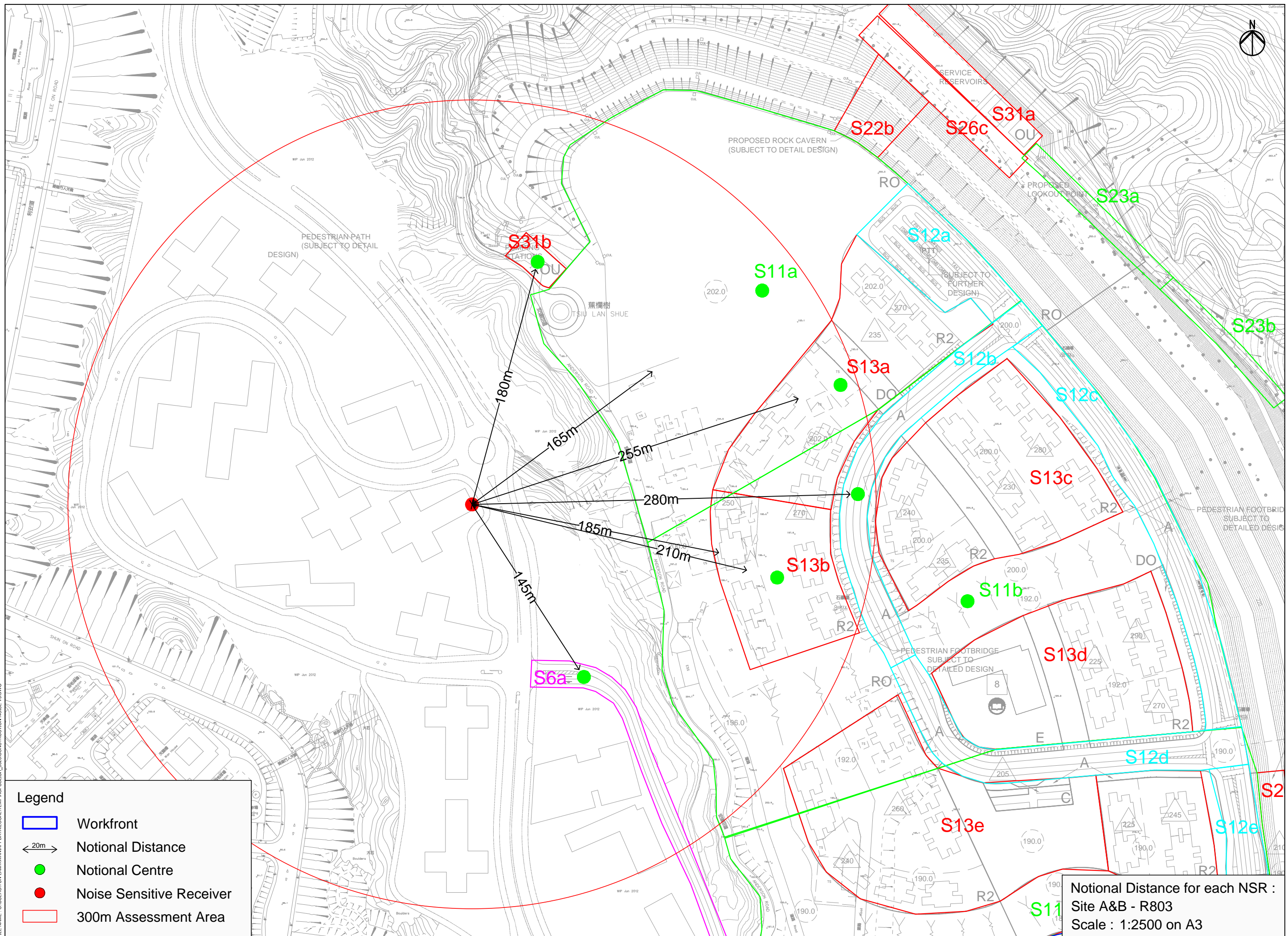
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



- Legend**
- Workfront
  - Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 Site A&B - School 01  
 Scale : 1:2500 on A3

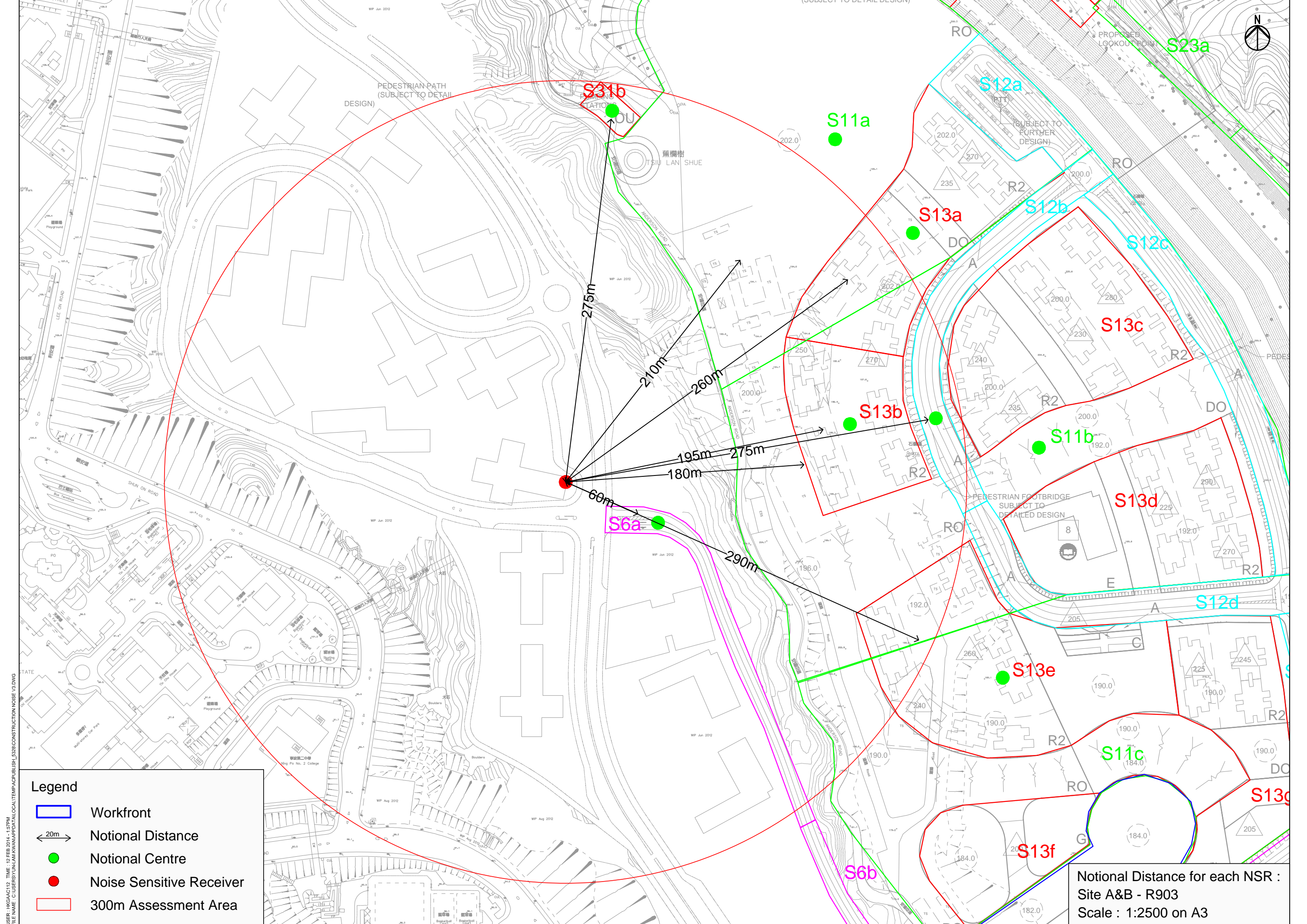
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- Legend**
-  Workfront
  -  Notional Distance
  -  Notional Centre
  -  Noise Sensitive Receiver
  -  300m Assessment Area

Notional Distance for each NSR :  
 Site A&B - R803  
 Scale : 1:2500 on A3

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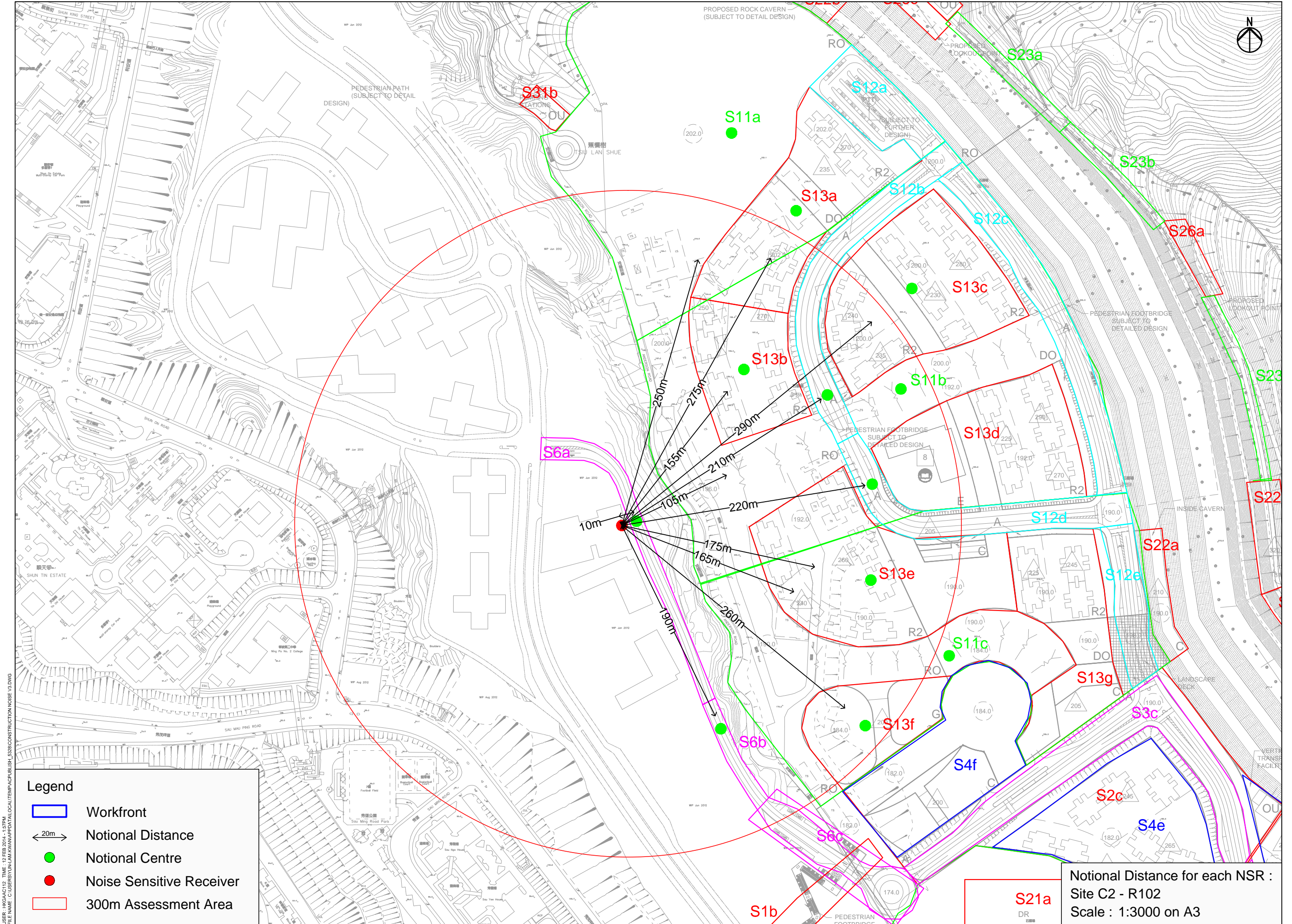


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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 Site A&B - R903  
 Scale : 1:2500 on A3

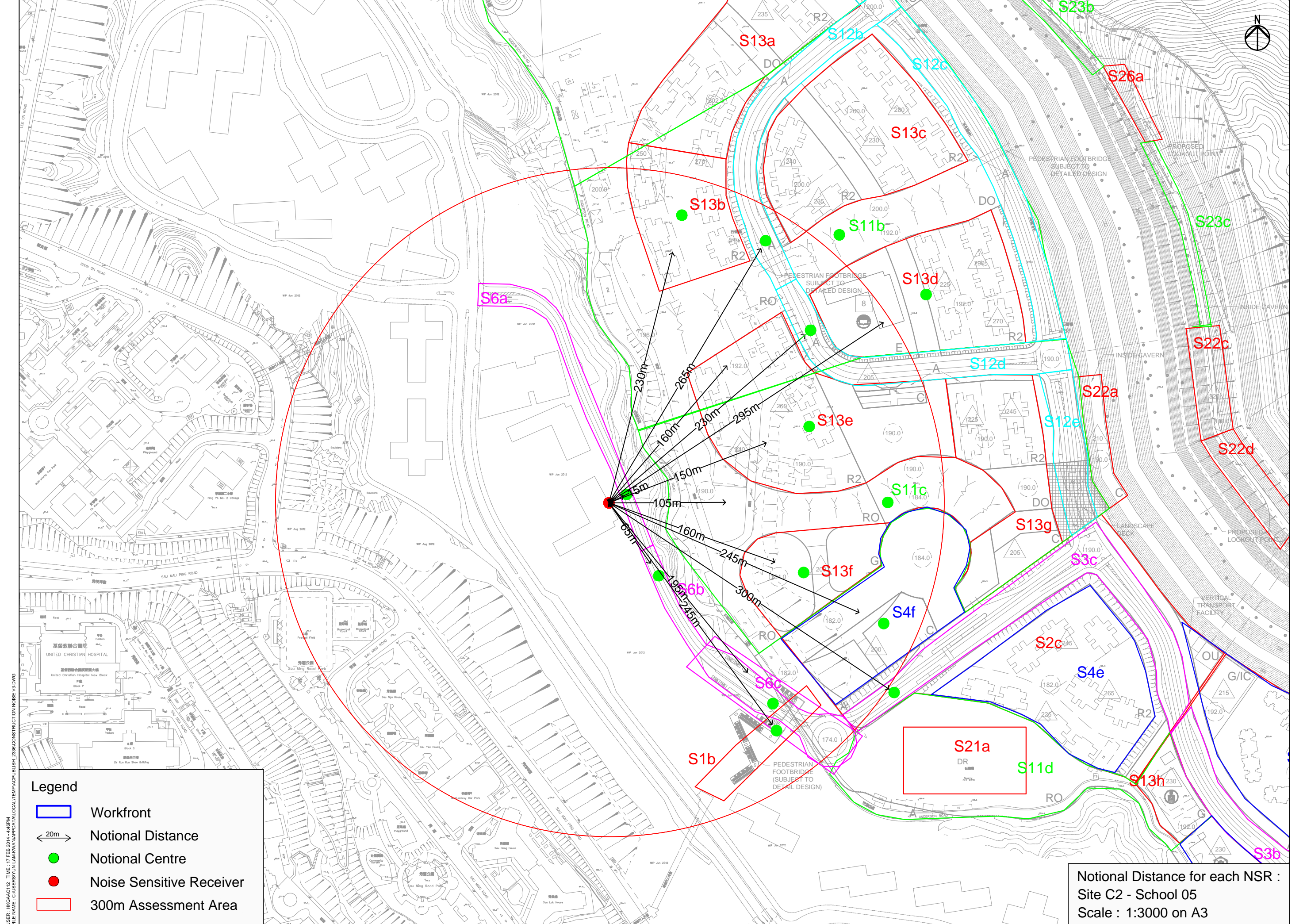




**Legend**

- Workfront
- Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

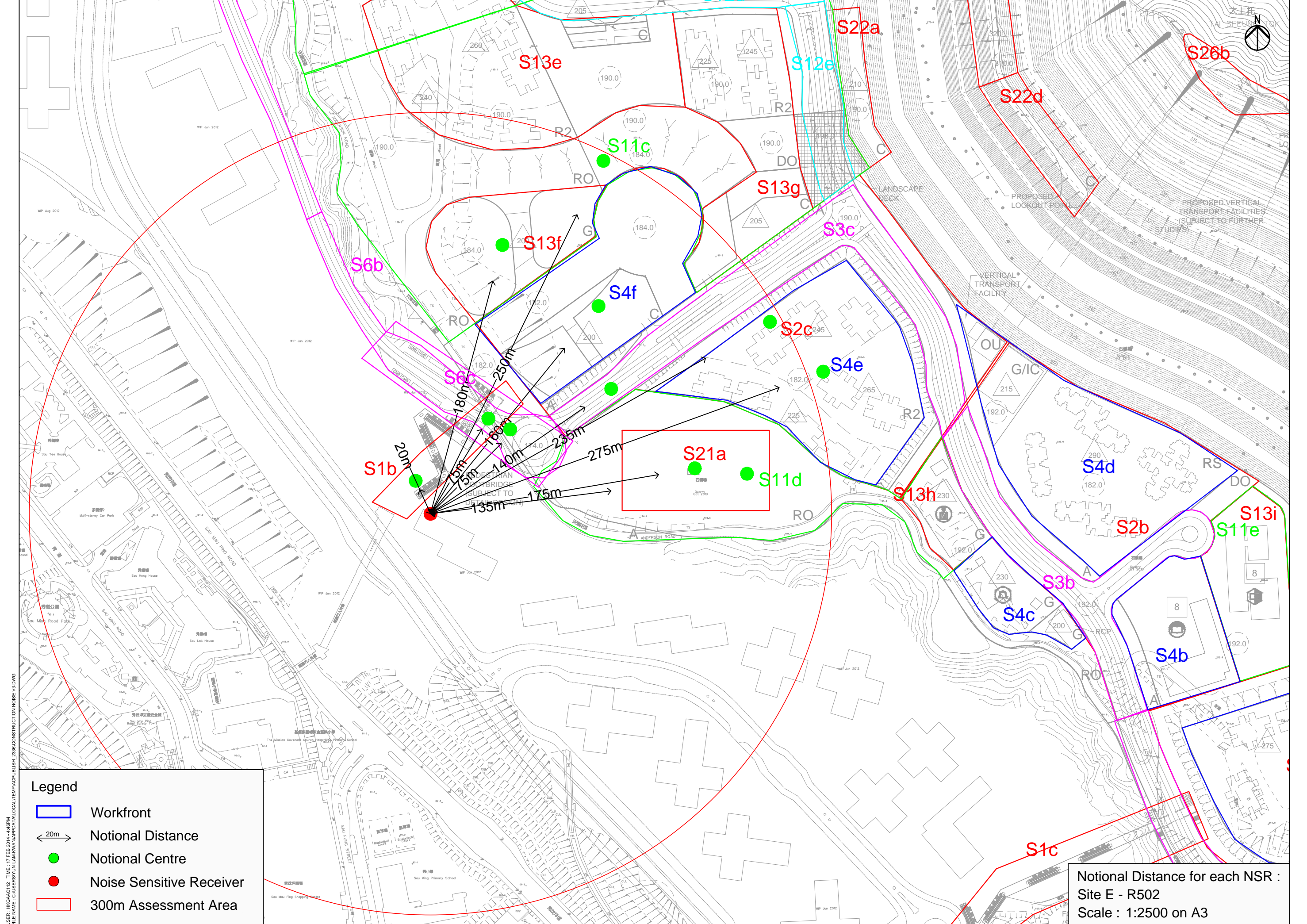
Notional Distance for each NSR :  
 Site C2 - R102  
 Scale : 1:3000 on A3



- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 Site C2 - School 05  
 Scale : 1:3000 on A3

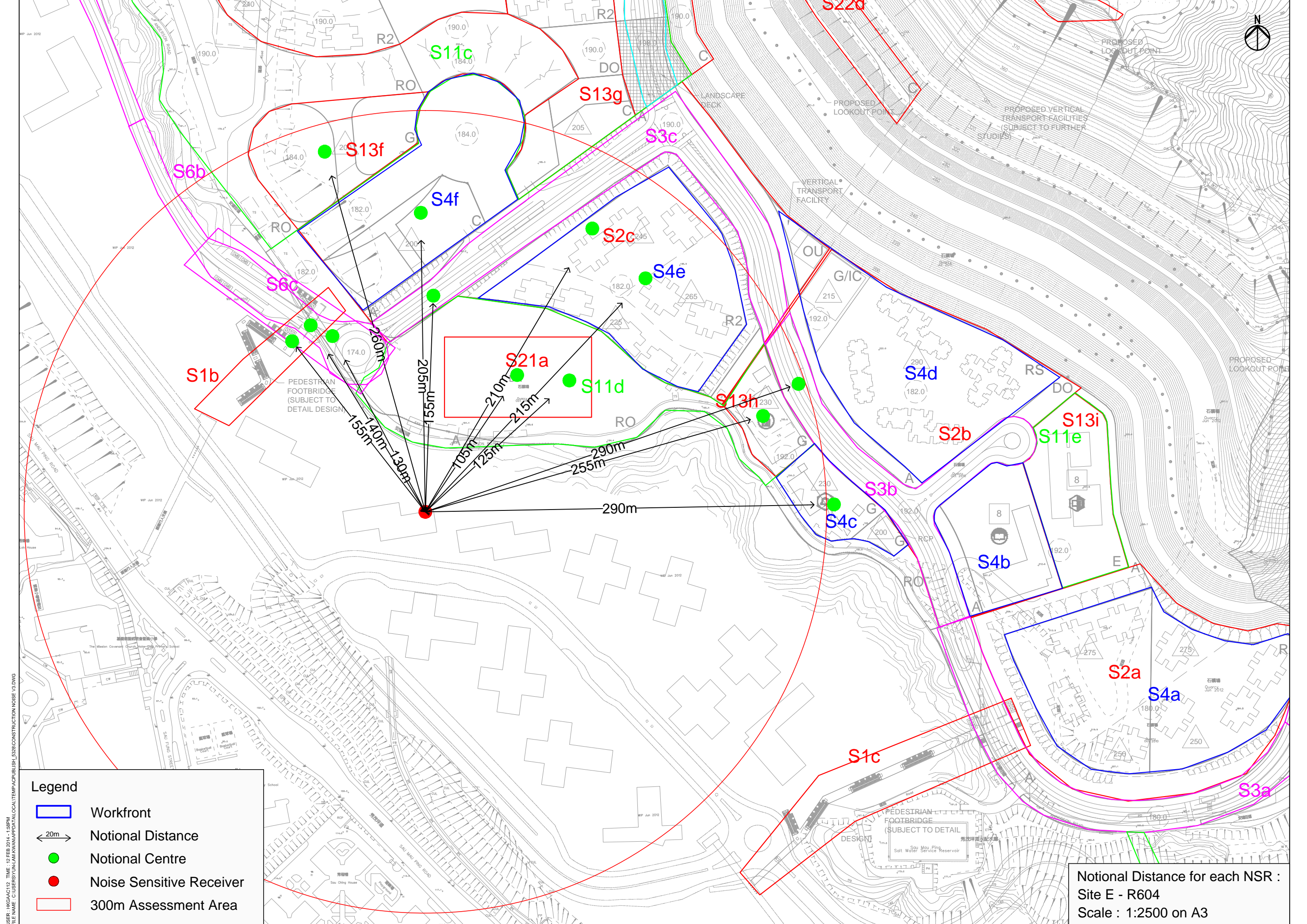
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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 Site E - R502  
 Scale : 1:2500 on A3

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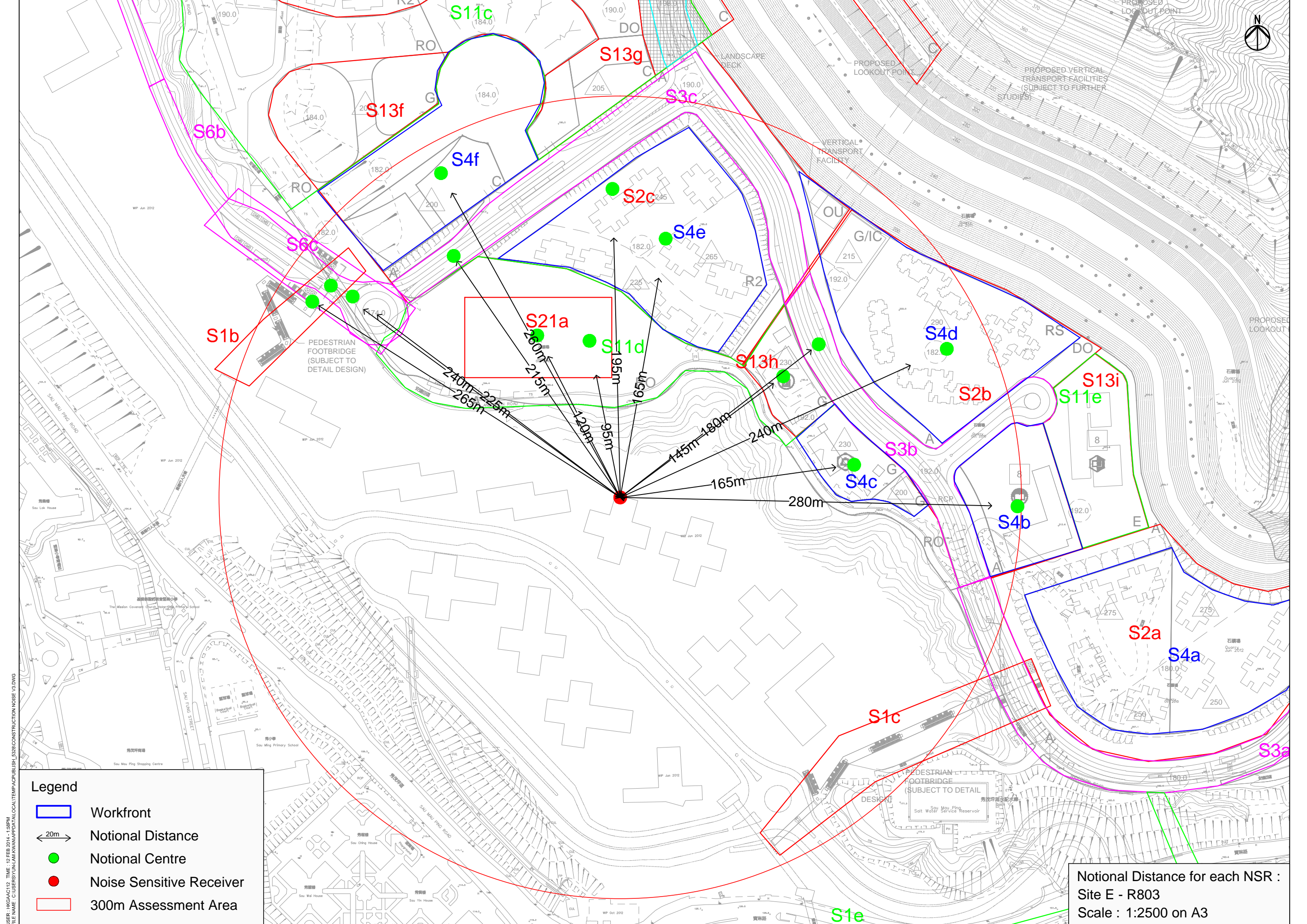


**Legend**

- Workfront
- Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

Notional Distance for each NSR :  
 Site E - R604  
 Scale : 1:2500 on A3

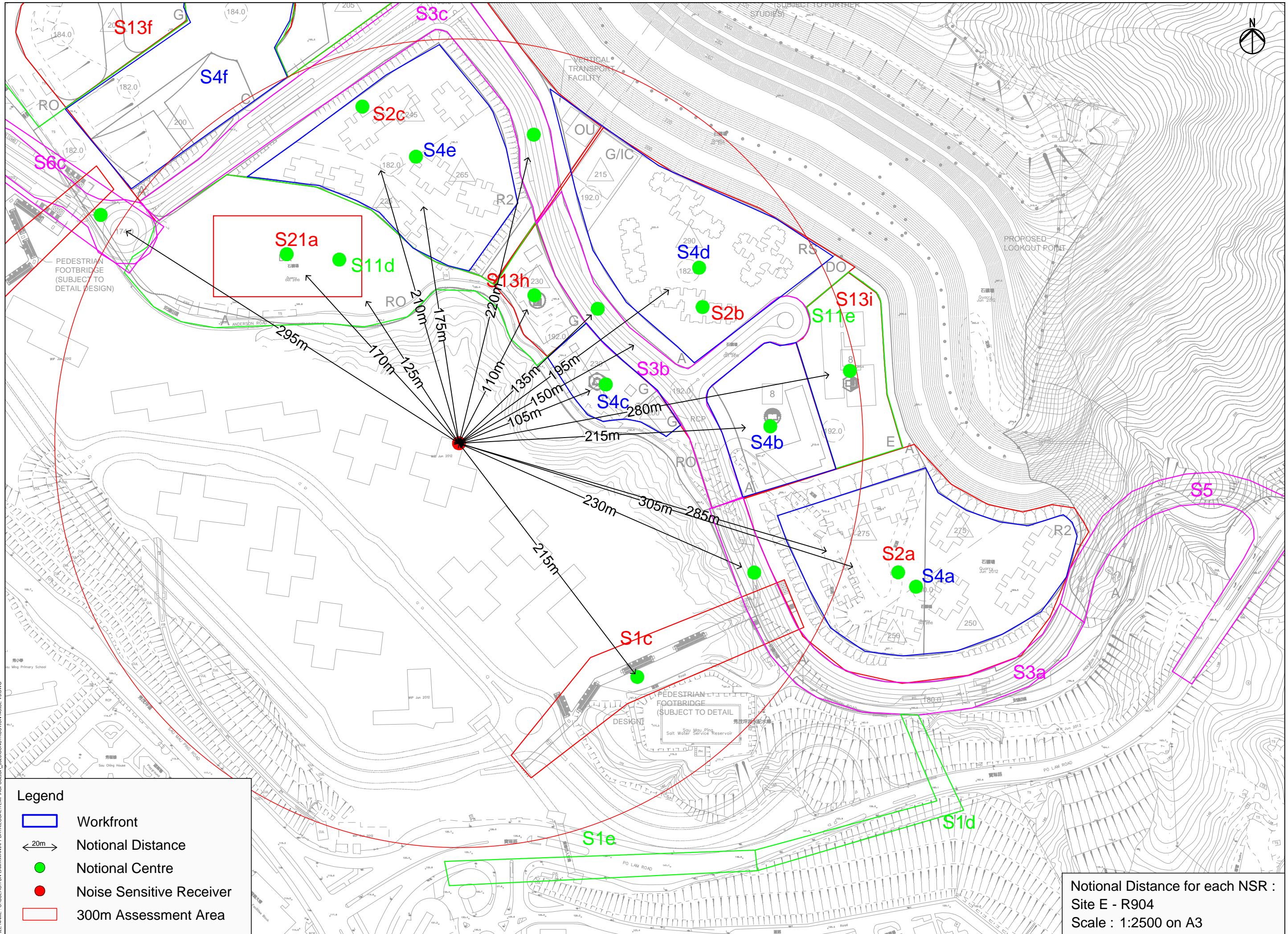
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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 Site E - R803  
 Scale : 1:2500 on A3

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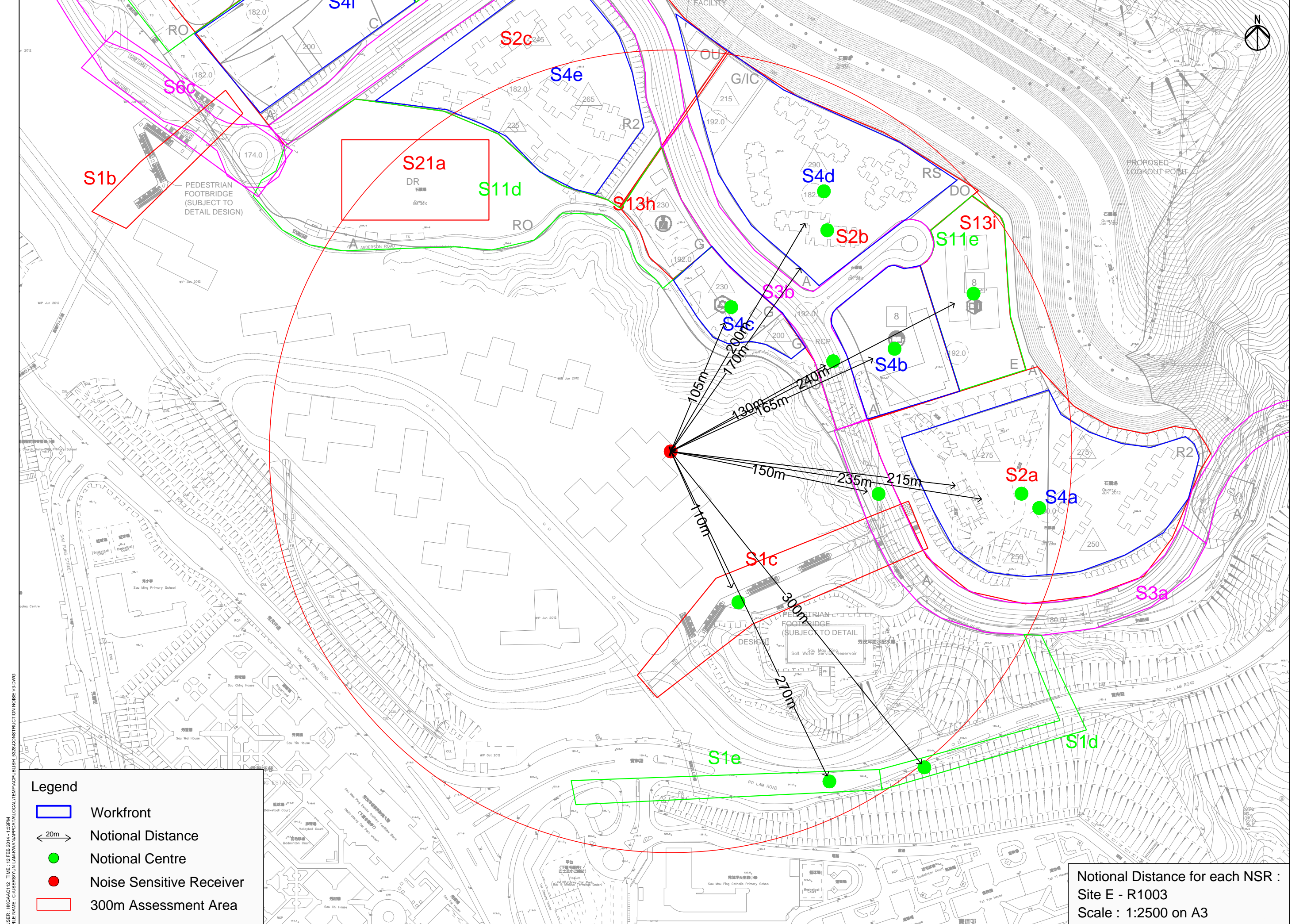


**Legend**

- Workfront
- 20m Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

Notional Distance for each NSR :  
 Site E - R904  
 Scale : 1:2500 on A3

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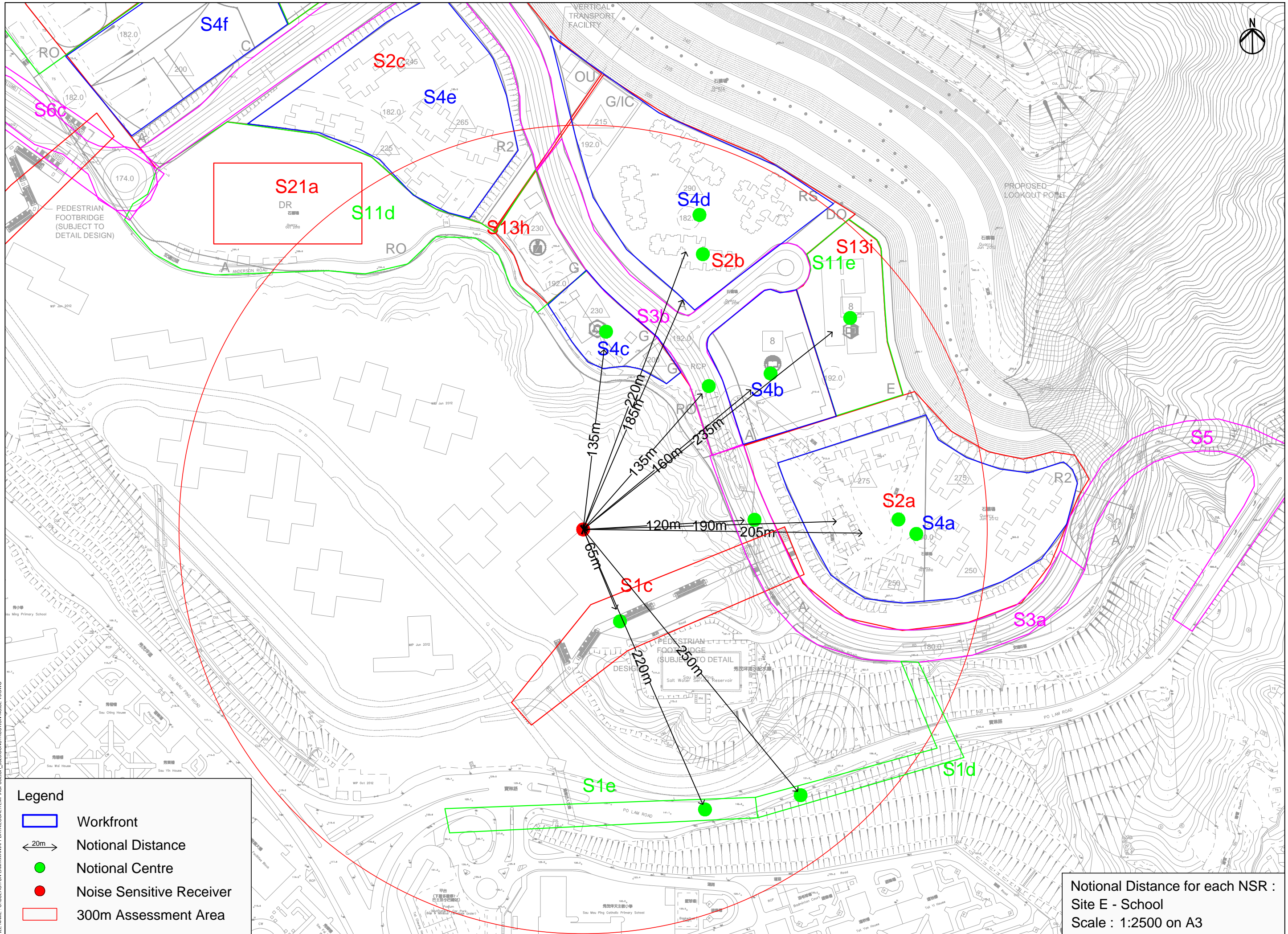


**Legend**

- Workfront
- 20m Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

Notional Distance for each NSR :  
 Site E - R1003  
 Scale : 1:2500 on A3

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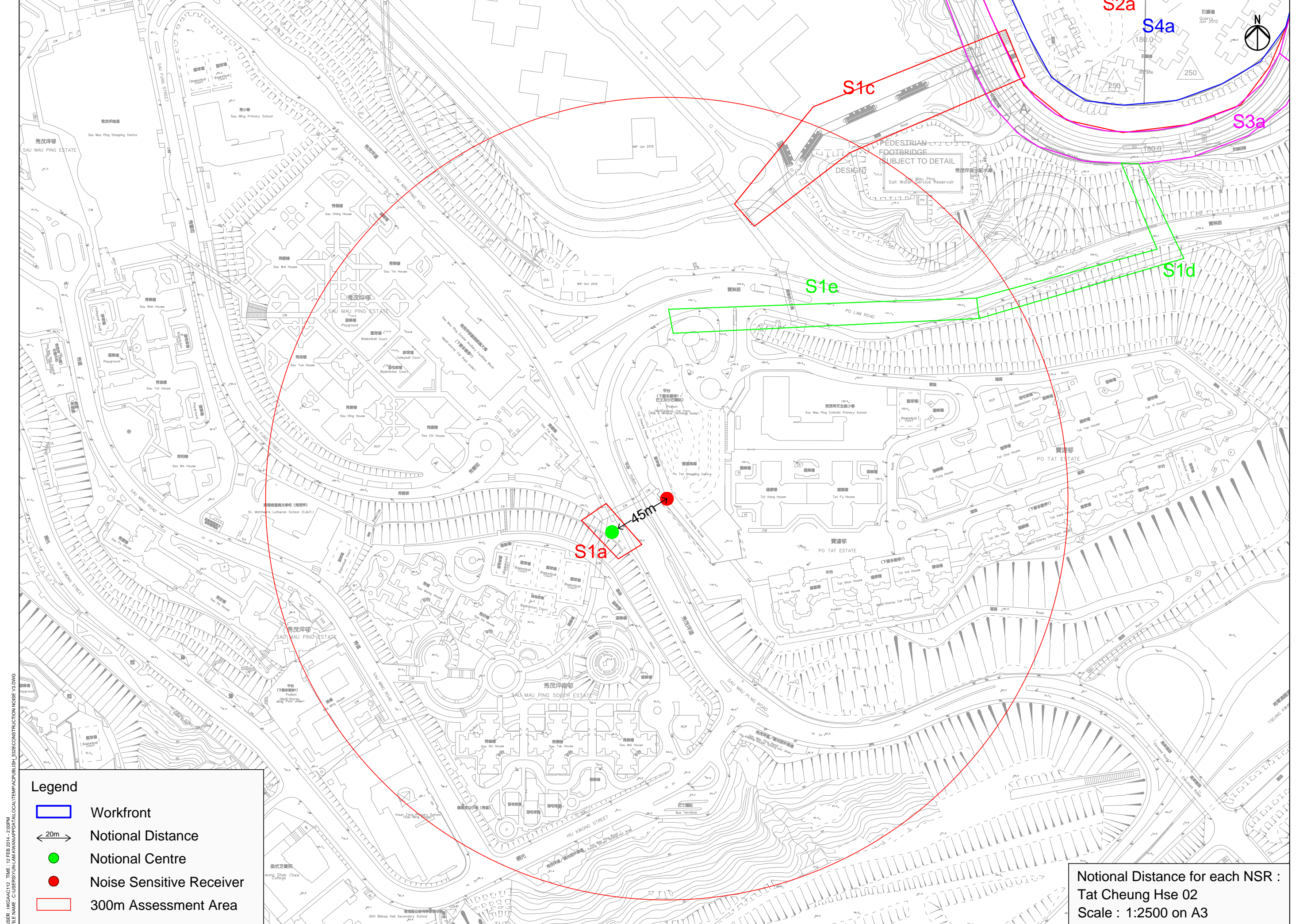
**Legend**

- Workfront
- Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

Notional Distance for each NSR :  
 Site E - School  
 Scale : 1:2500 on A3

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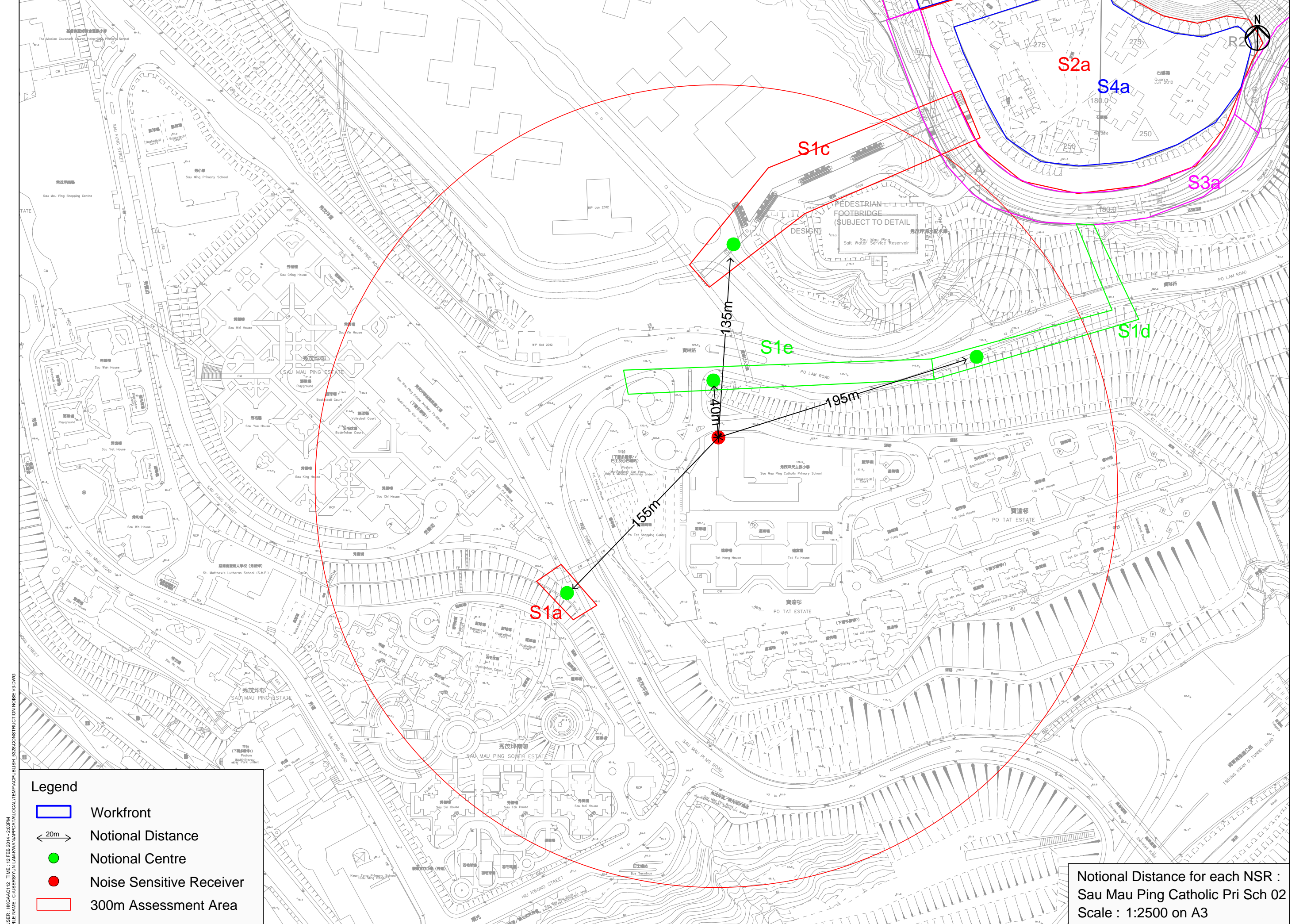


**Legend**

- Workfront
- 20m Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

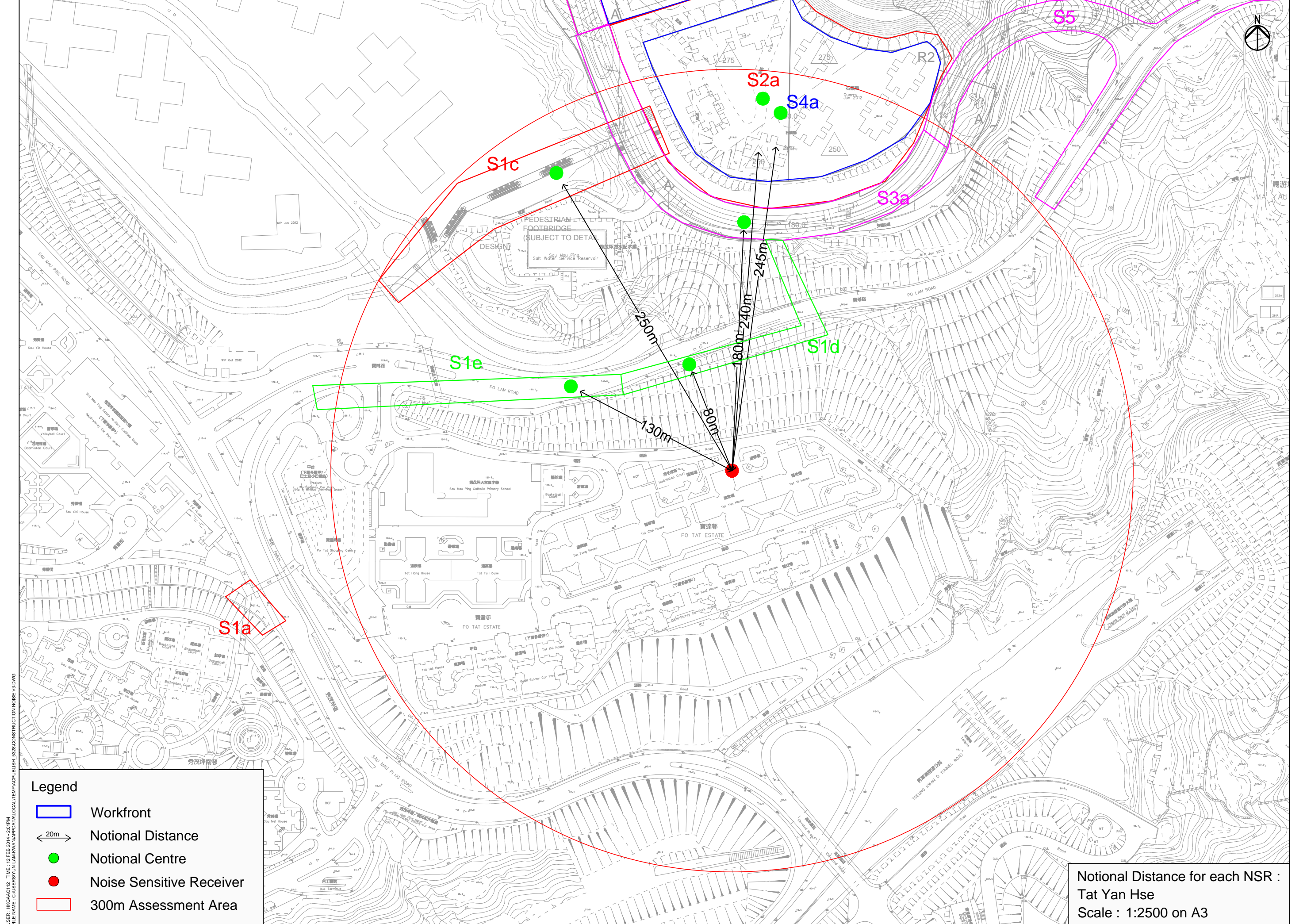
Notional Distance for each NSR :  
 Tat Cheung Hse 02  
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- Legend**
- Workfront
  - Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

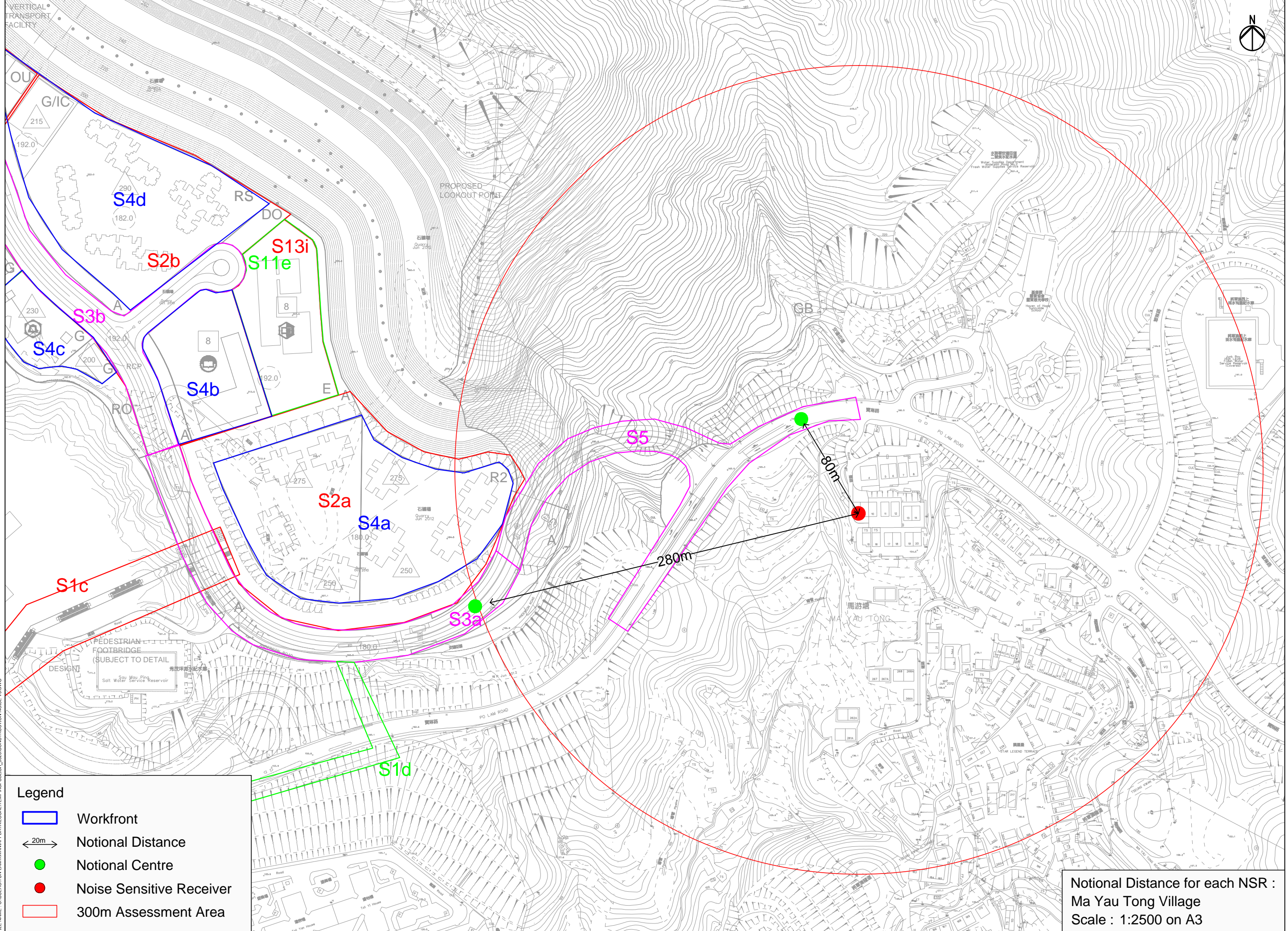
Notional Distance for each NSR :  
 Sau Mau Ping Catholic Pri Sch 02  
 Scale : 1:2500 on A3



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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

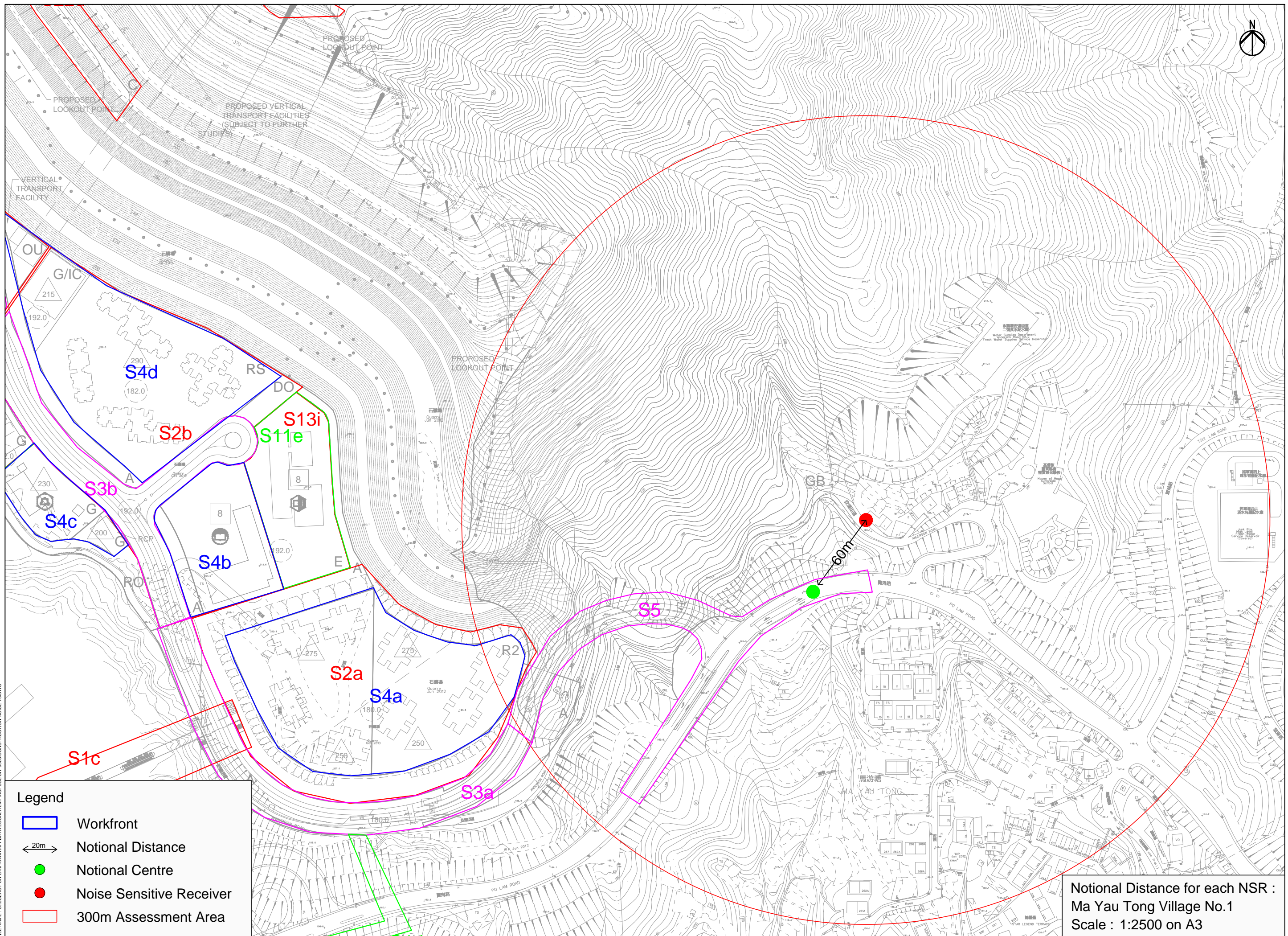
Notional Distance for each NSR :  
 Tat Yan Hse  
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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 Ma Yau Tong Village  
 Scale : 1:2500 on A3

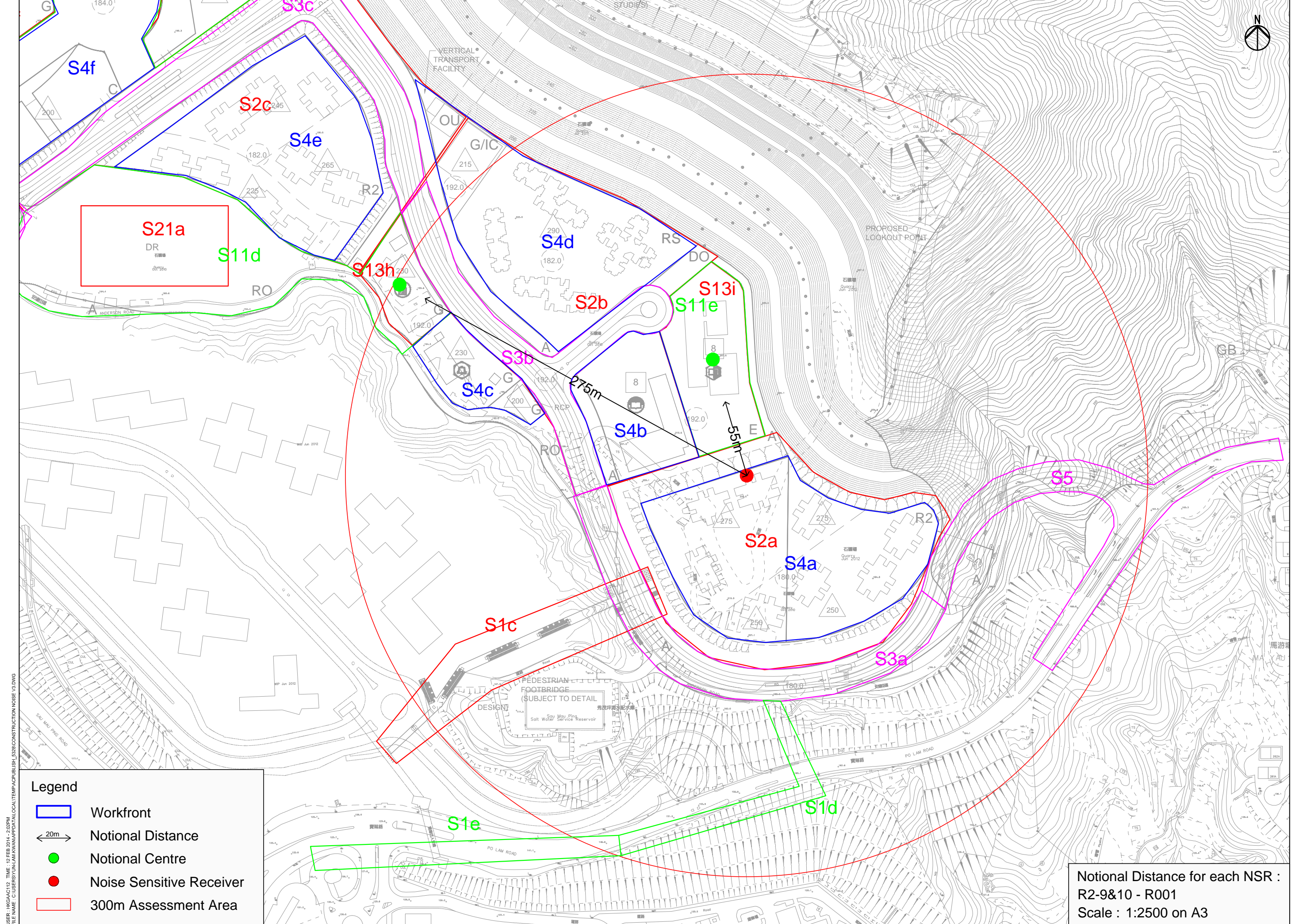


**Legend**

-  Workfront
-  Notional Distance
-  Notional Centre
-  Noise Sensitive Receiver
-  300m Assessment Area

Notional Distance for each NSR :  
 Ma Yau Tong Village No.1  
 Scale : 1:2500 on A3

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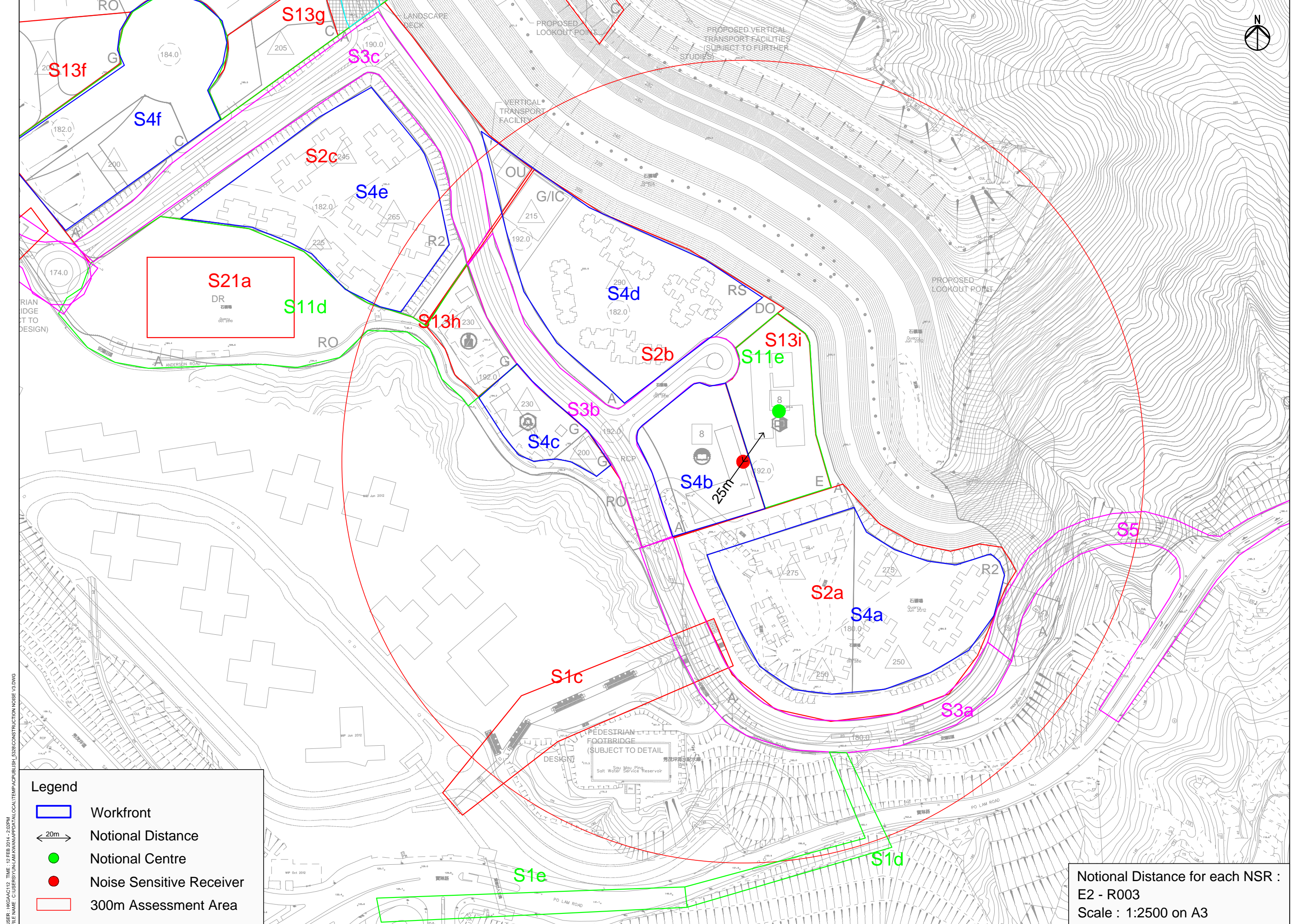


**Legend**

- Workfront
- 20m Notional Distance
- Notional Centre
- Noise Sensitive Receiver
- 300m Assessment Area

Notional Distance for each NSR :  
 R2-9&10 - R001  
 Scale : 1:2500 on A3

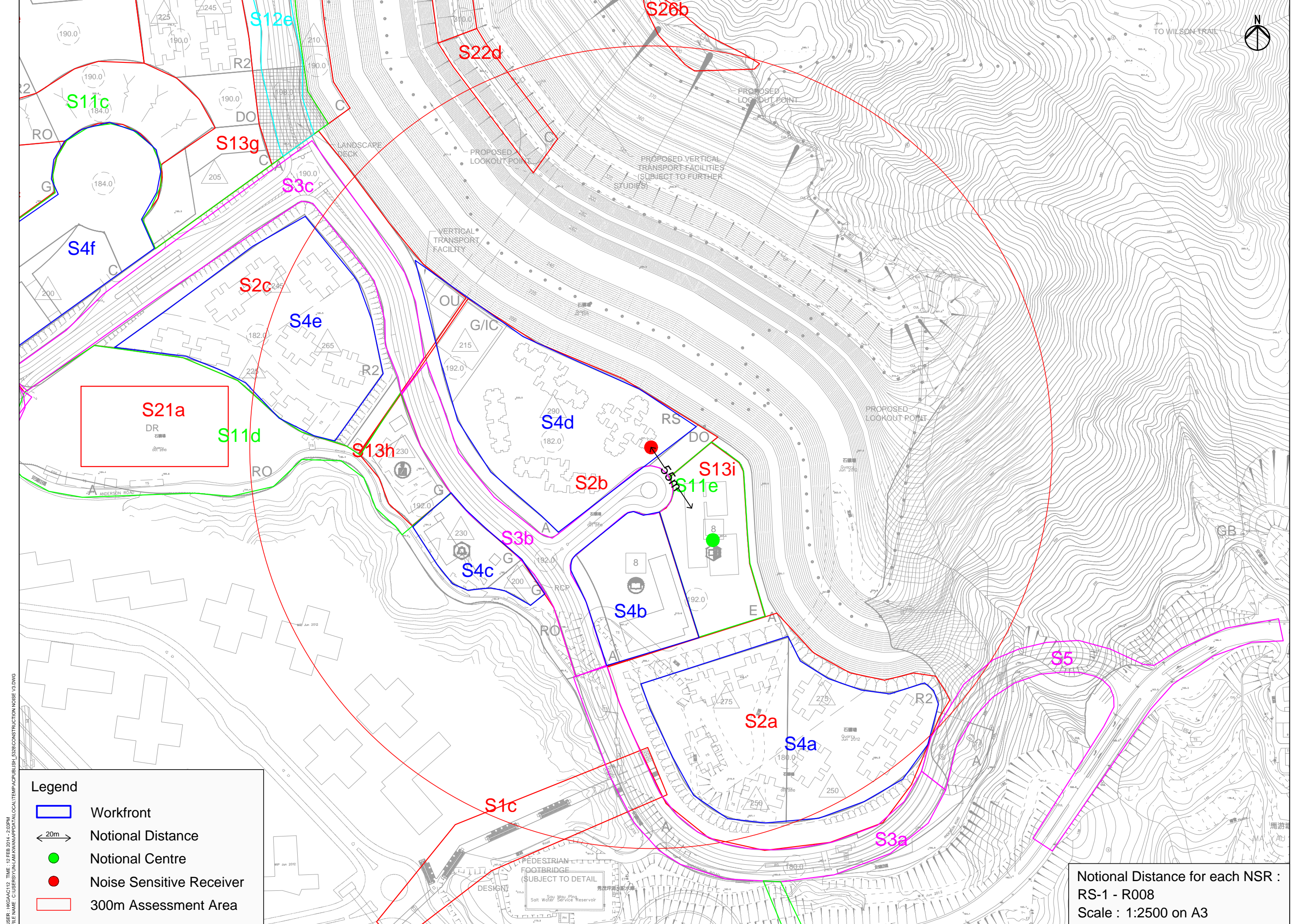
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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 E2 - R003  
 Scale : 1:2500 on A3

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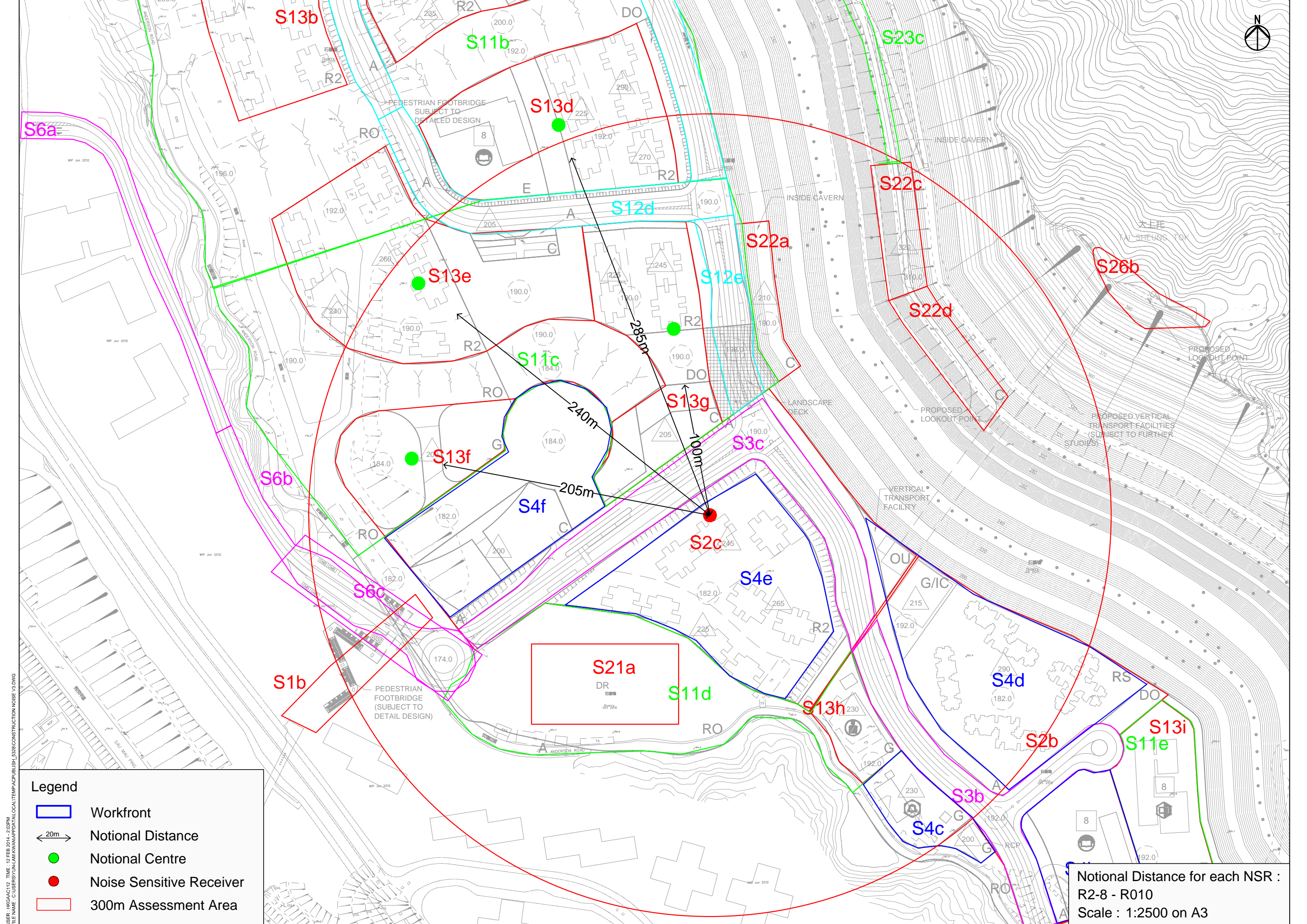


- Legend**
- Workfront
  - Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 RS-1 - R08  
 Scale : 1:2500 on A3

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- Legend**
- Workfront
  - 20m Notional Distance
  - Notional Centre
  - Noise Sensitive Receiver
  - 300m Assessment Area

Notional Distance for each NSR :  
 R2-8 - R010  
 Scale : 1:2500 on A3

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