

REV	DATE	BY	DESCRIPTION	DESIGNED BY	CHKD BY	DATE	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE	JCA	JCA	17/APR08	
B	12/07/08	JCA	GENERAL REVISION	JCA	JCA		
C	24/09/08	JCA	GENERAL REVISION	JCA	JCA		
D	24/03/09	JCA	GENERAL REVISION	JCA	JCA		
E	30/05/09	JCA	REVISION AS CLOUDED	JCA	JCA		
F	15/06/09	JCA	GENERAL REVISION	JCA	JCA		

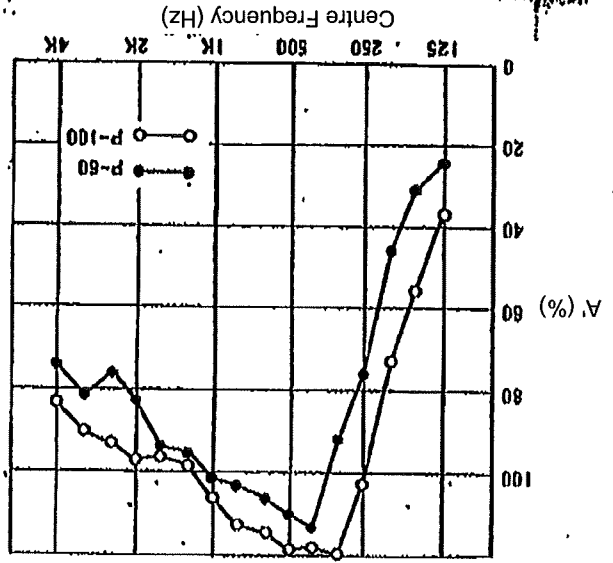
  

OWNER	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP One Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENCLOSURE LAYOUT PLAN
DRAWING REFERENCE NUMBER	HKWDT/DNJV/M/D/1010/SI/083
FORM APPROVAL	SCALE: 1:1000 (A3)
DATE	SHEET No. 1 OF 26



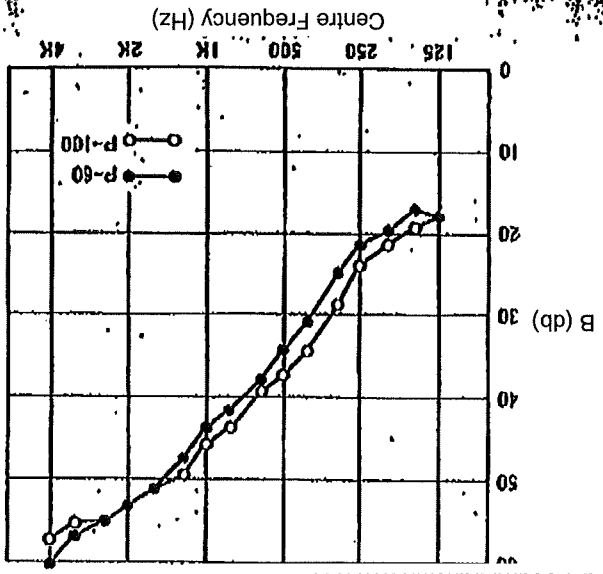
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A : Sound Absorption Coefficients in a Reverberation Room



A : Sound Absorption Coefficients

A for P-100	1.08	1.04	0.97	0.94	0.96	0.92	0.88	0.82
A for P-60	1.03	1.02	0.93	0.91	0.83	0.79	0.81	0.76
Frequency (Hz)	128	1K	1.25K	1.6K	2K	2.5K	3.2K	4K
A for P-100	0.39	0.57	0.71	1.02	1.17	1.16	1.16	1.10
A for P-60	0.25	0.33	0.48	0.78	0.92	1.10	1.09	1.07
Frequency (Hz)	128	160	200	250	320	400	500	630

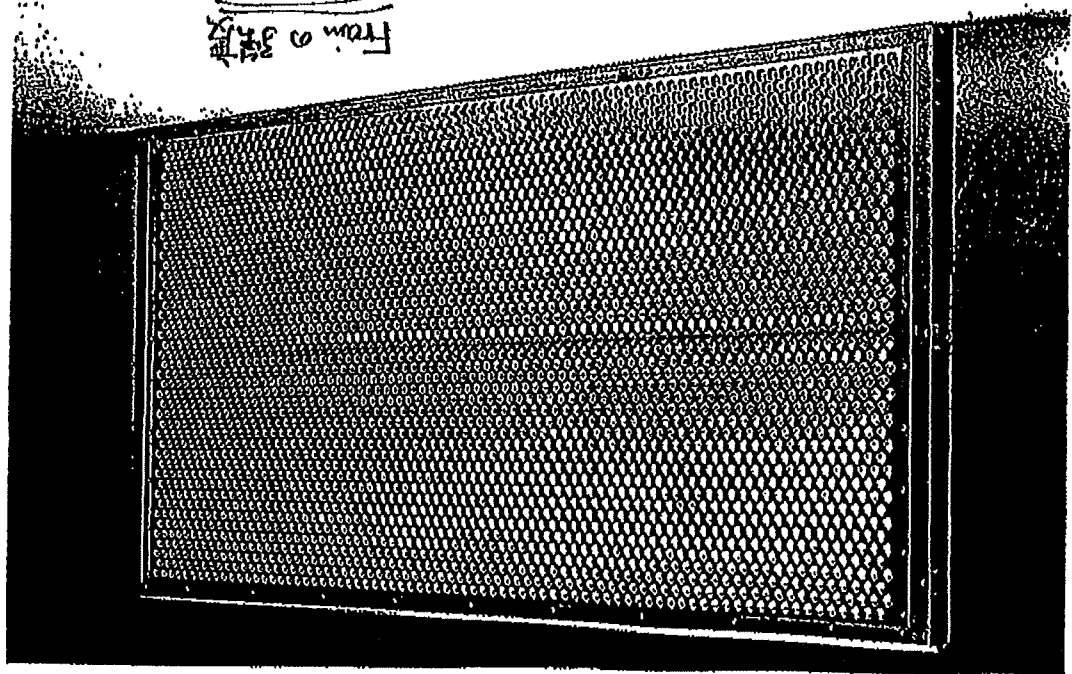


B : Sound transmission loss

B for P-100	43	45	49	51	53	55	56	57
B for P-60	42	44	48	51	53	55	57	60
Frequency (Hz)	128	1K	1.25K	1.6K	2K	2.5K	3.2K	4K
B for P-100	18	19	21	24	28	33	37	39
B for P-60	18	17	20	22	25	31	34	38
Frequency (Hz)	128	160	200	250	320	400	500	630

Capacity for acoustic absorptivity  
 measured by Tokyo Metropolitan Industrial Technology Research Institute

Capacity for sound insulation  
 measured by Tokyo Metropolitan Industrial Technology Research Institute



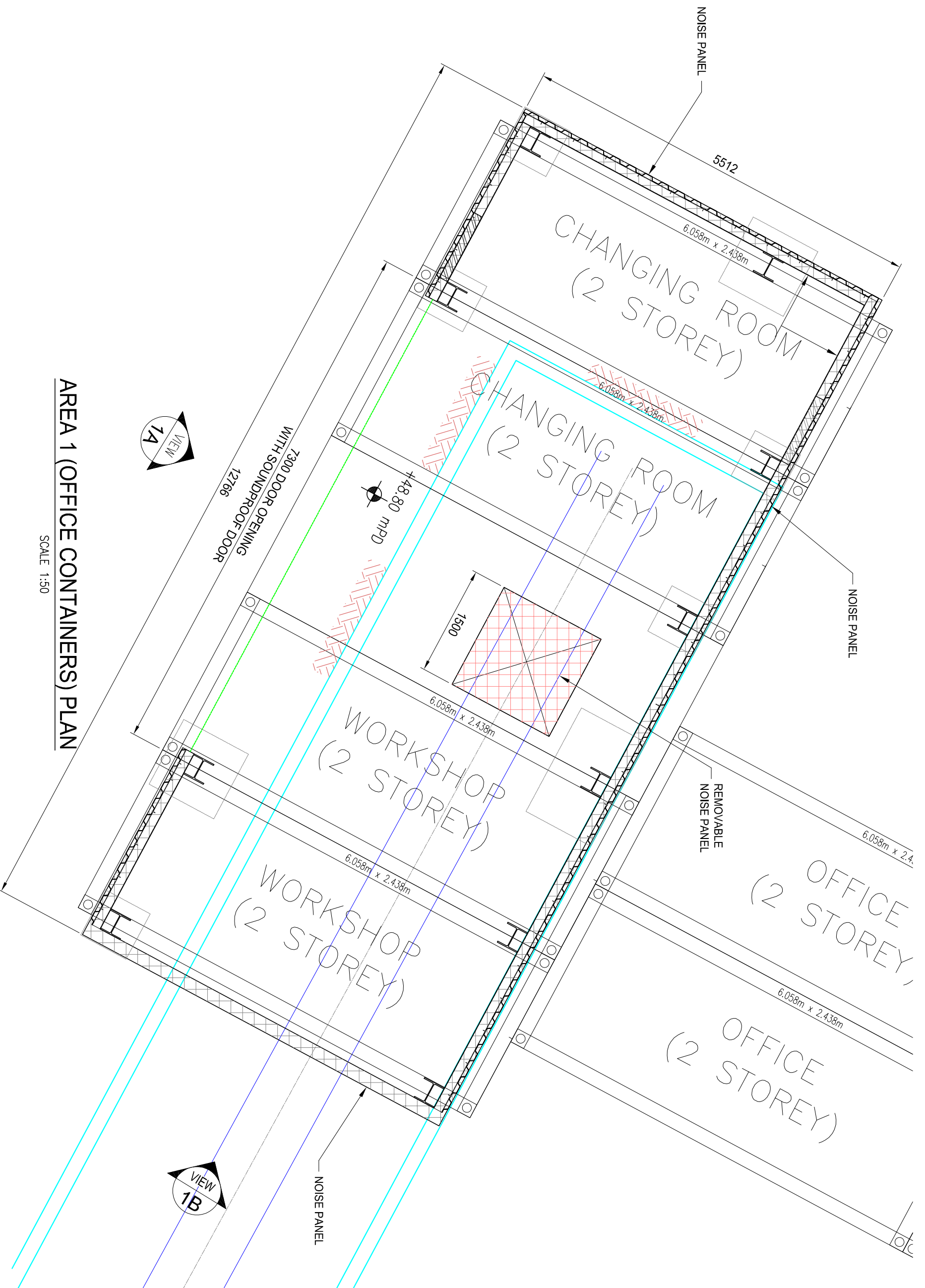
From 3rd floor

P-60型・P-100型

標準寸法 P-60型 : 60×1000×1970  
 P-100型 : 100×1000×1960

P-60型は、透過損失44dB(1KHz)の性能をもつ標準型(常備在庫品)であらゆる用途に適合します。P-100型は、さらに使用領域の吸音性を良くするために空気層を設けてあります。  
 P-60、100型は、重量で、H型に落下込み、ホルトで押すだけで簡単に取付けが出来ます。

4R8 Mr. Suzuki

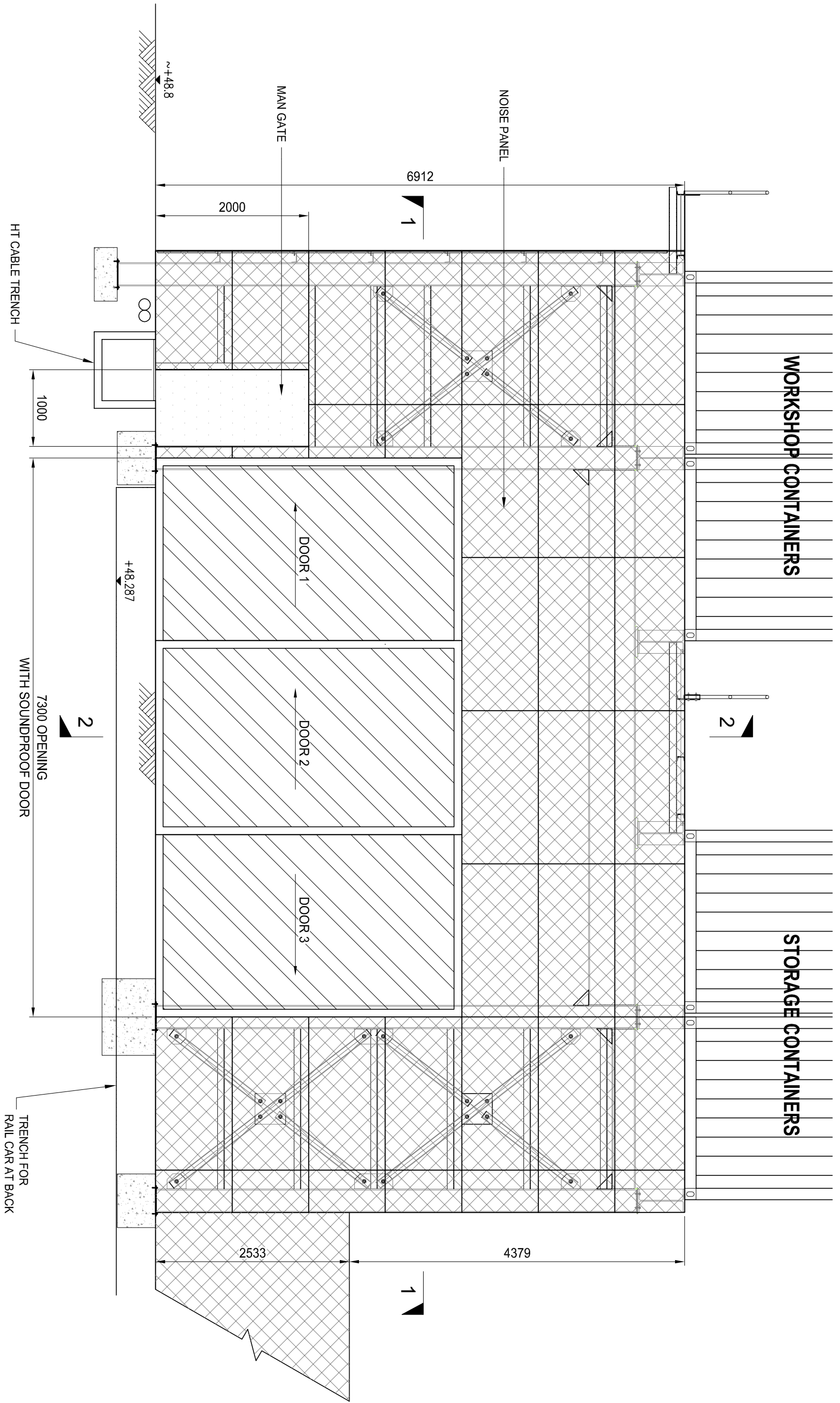


**AREA 1 (OFFICE CONTAINERS) PLAN**

SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	NO.
G	14/01/10	JCA	UPDATE AREA 3	JCA		Dragages-Nishimatsu Joint Venture	MAUNSELL   AECOM	渠務署 Drainage Services Department	ARUP One Arup & Partners Hong Kong Limited	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN	HKWDT/DNJV/MD/1010/SI/083	G
F	15/06/09	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	REVISED AS COUNDED	JCA									
D	24/03/09	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	GENERAL REVISION										
A	17/04/08	JCA	FIRST ISSUE										

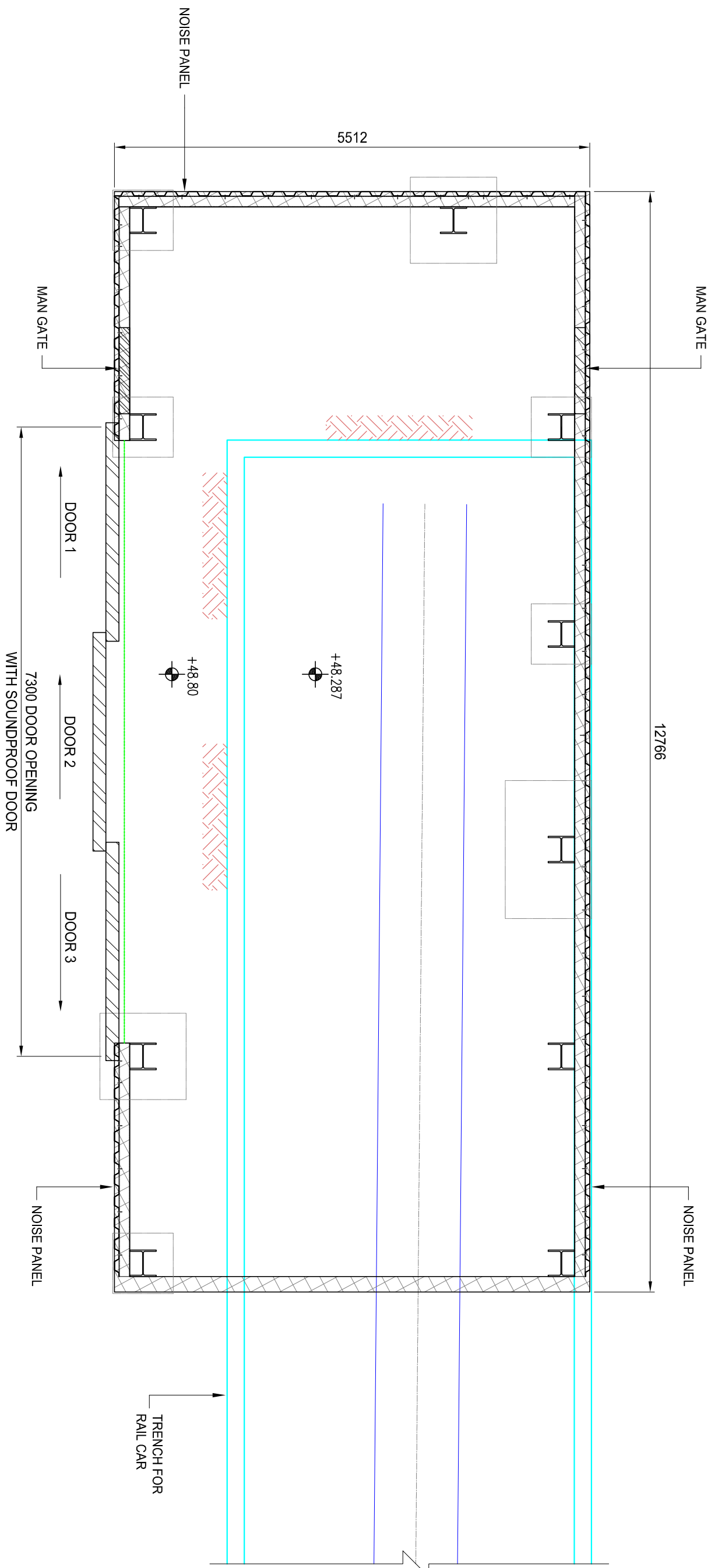
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**VIEW 1A**  
SCALE 1:50

REV	DATE	BY	CHKD	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	NO.
G	14/01/10	JCA	JCA	UPDATE AREA 3	JCA	DBR	Dragages-Nishimatsu Joint Venture	MAUNSELL   AECOM	渠務署 Drainage Services Department	ARUP Ove Arup & Partners Hong Kong Limited	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	EASTERN PORTAL NOISE ENCLOSURE LAYOUT PLAN	HKWDT/DNJV/MD/1010/SI/083	G
F	15/06/09	JCA	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	JCA	REVISION AS COUNCIL	JCA									
D	24/03/09	JCA	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	JCA	GENERAL REVISION	PCA									
A	17/04/08	JCA	JCA	FIRST ISSUE	PCA									

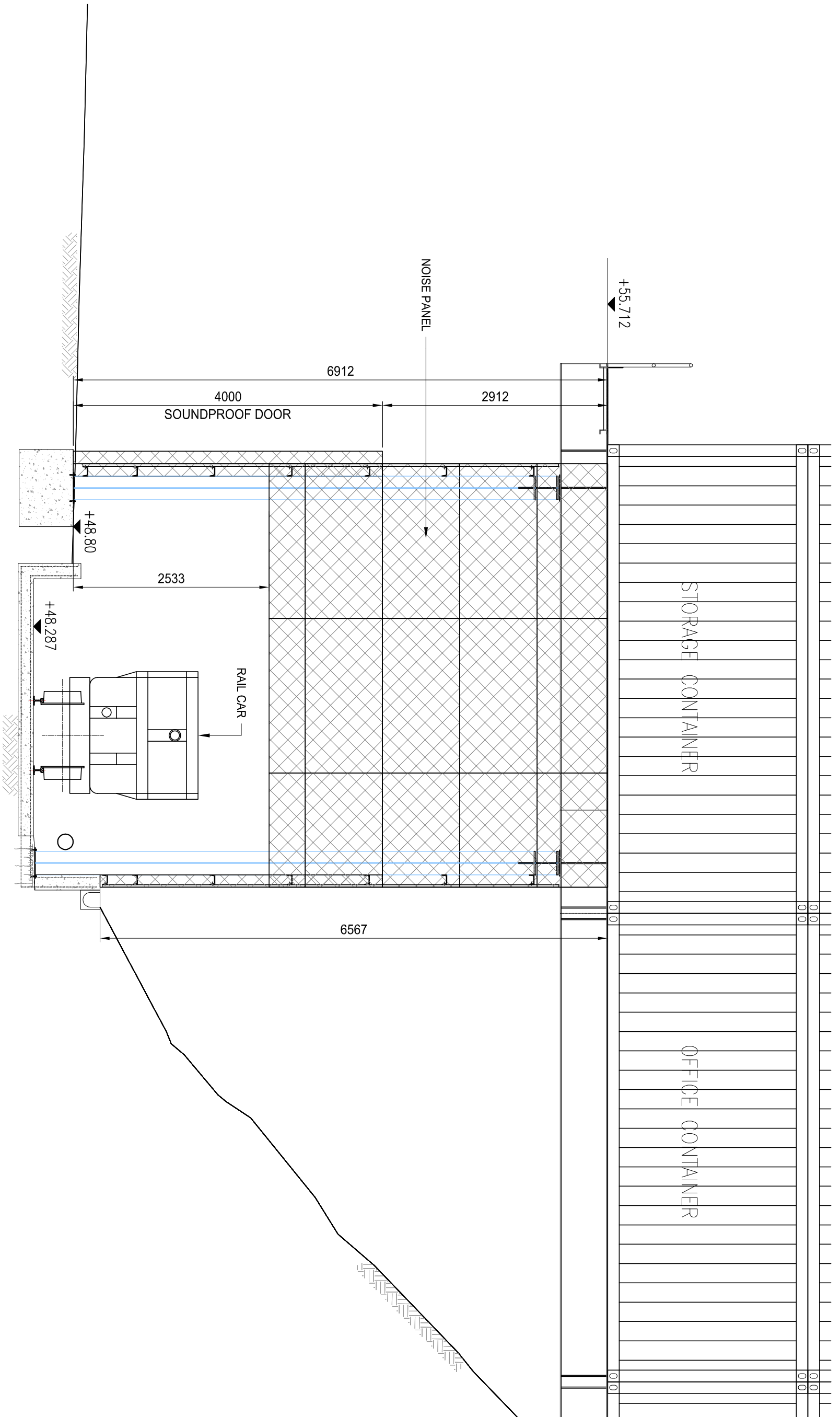
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**SECTION 1 - 1**  
SCALE 1:50

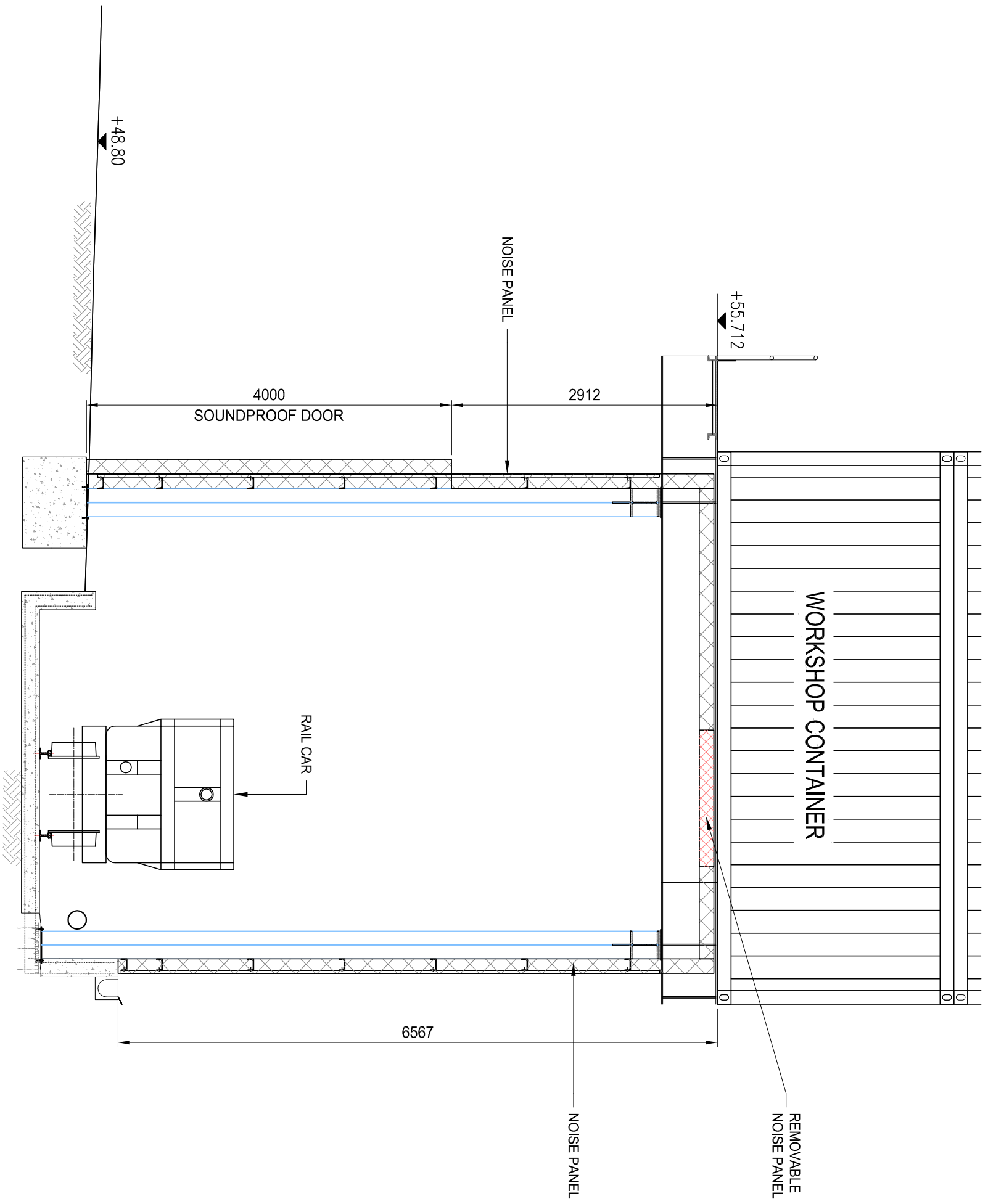
REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	REV
G	14/01/10	JCA	UPDATE AREA 3	JCA	DBR				Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN	HKWDT/DNJV/M/D/1010/SI/083 FOR APPROVAL	SCALE 1:50 (A3)	G
F	15/06/09	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	REVISED AS CLOUDED	JCA									
D	24/03/09	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	GENERAL REVISION										
A	17/04/08	JCA	FIRST ISSUE										

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**VIEW 1B**  
SCALE 1:50

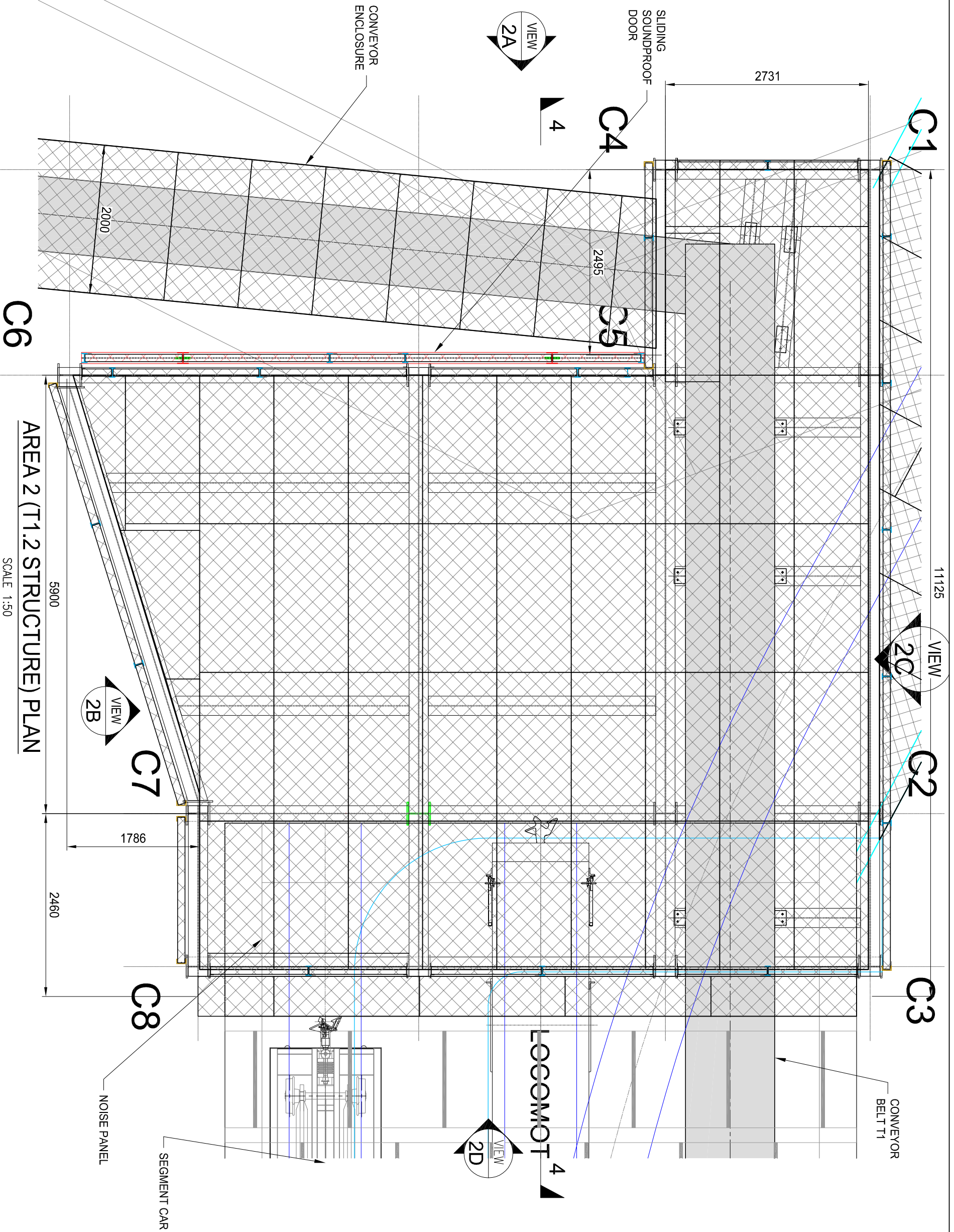
REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	REV
G	14/01/10	JCA	UPDATE AREA 3	JCA	DBR				Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	EASTERN PORTAL NOISE ENCLOSURE LAYOUT PLAN	HKWDT/DNJV/MD/1010/SI/083 FOR APPROVAL	SCALE 1:50 (A3)	G
F	15/06/09	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	REVISION AS CLOUDED	JCA									
D	24/03/09	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	GENERAL REVISION	PCA									
A	17/04/08	JCA	FIRST ISSUE	17/APR08									



**SECTION 2 - 2**  
SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	REV
G	14/01/10	JCA	UP/DATE AREA 3	JCA	DBR					Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN	HKWDT/DNJV/MD/1010/SI/083 FOR APPROVAL	G
F	15/06/09	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	REVISED AS CLOUSED	JCA									
D	24/03/09	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	GENERAL REVISION										
A	17/04/08	JCA	FIRST ISSUE										

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**AREA 2 (T1.2 STRUCTURE) PLAN**  
SCALE 1:50

REV	DATE	BY	CHKD	DESCRIPTION
A	17/04/08	JCA	JCA	FIRST ISSUE
B	12/07/08	JCA	JCA	GENERAL REVISION
C	24/09/08	JCA	JCA	GENERAL REVISION
D	24/03/09	JCA	JCA	GENERAL REVISION
E	30/05/09	JCA	JCA	REVISION AS CLOUDED
F	15/06/09	JCA	JCA	GENERAL REVISION
G	14/01/10	JCA	JCA	UPDATE AREA 3

DESIGNED BY	DBR
DRAWN BY	JCA
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/APR08

MAIN CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP One Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENCLOSURE LAYOUT PLAN
DRAWING REFERENCE NUMBER	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (AS)
SHEET NO.	7 OF 26

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOURED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY: DBR  
 DRAWN BY: JCA  
 CHECKED BY: BKJ  
 IN CHARGE: PCA  
 DATE: 17/04/08

MAIN CONTRACTOR:  
  
 CONTRACTOR'S DESIGNER:  

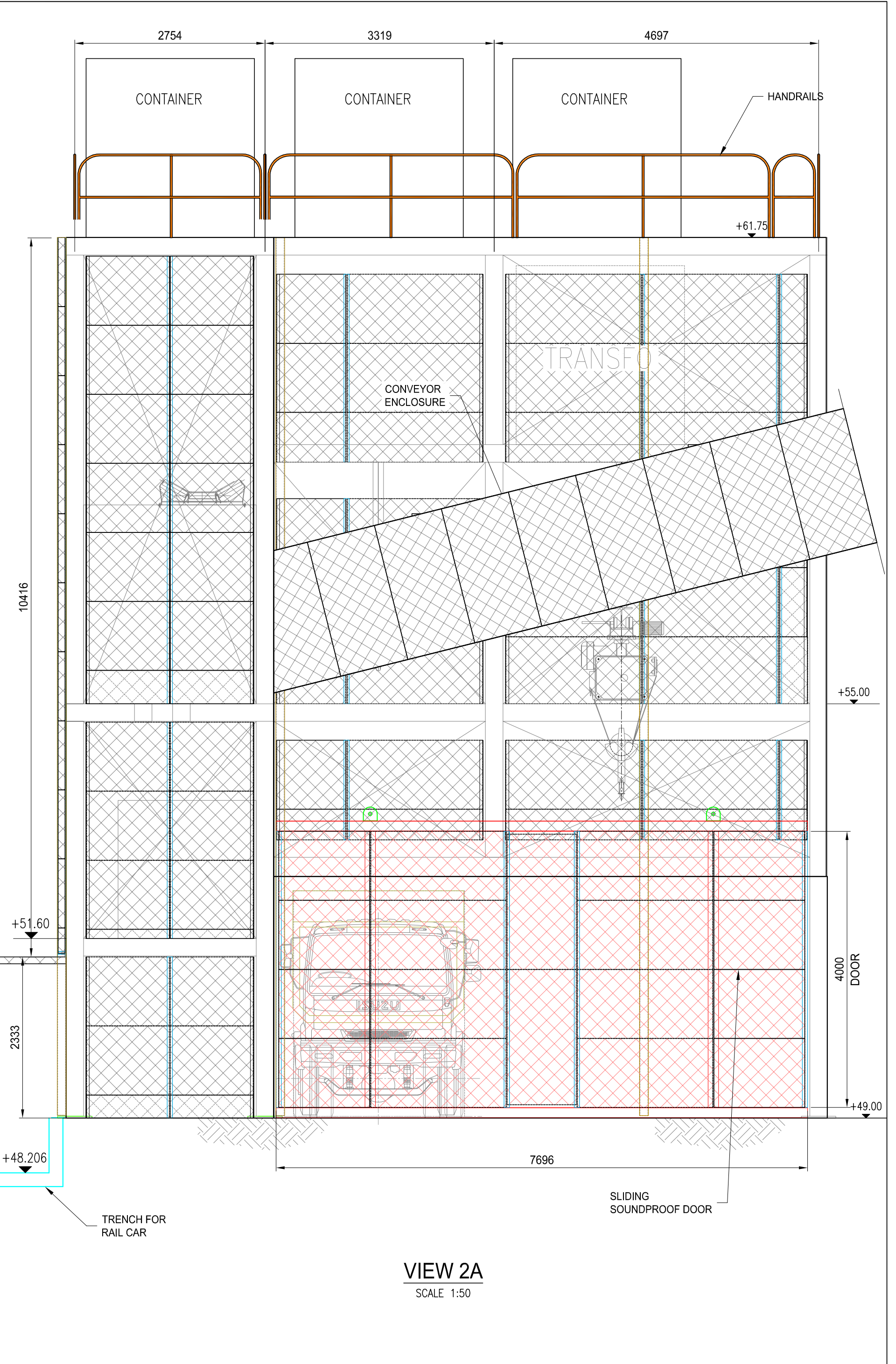

CLIENT:  
  
 Drainage Services Department

CONSULTANT:  
  
 One Arup & Partners  
 Hong Kong Limited

PROJECT TITLE:  
 Contract no DC/2007/10  
 Design and Construction  
 of  
 Hong Kong West Drainage Tunnel

DRAWING TITLE:  
**EASTERN PORTAL  
 NOISE ENCLOSURE  
 LAYOUT PLAN**

DRAWING REFERENCE NUMBER:  
 HKWDT/DNJV/MD/1010/SI/083  
 DRAWING STATUS:  
 FOR APPROVAL  
 SCALE:  
 1:50 (A3)  
 SHEET NO.:  
 8 OF 26



**VIEW 2A**  
 SCALE 1:50

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOURED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY: DBR  
 DRAWN BY: JCA  
 CHECKED BY: BKJ  
 IN CHARGE: PCA  
 DATE: 17/04/08

MAIN CONTRACTOR:

CONTRACTOR'S DESIGNER:

CLIENT:

CONSULTANT:

PROJECT TITLE:  
 Contract no DC/2007/10  
 Design and Construction  
 of  
 Hong Kong West Drainage Tunnel

DRAWING TITLE:  
**EASTERN PORTAL  
 NOISE ENCLOSURE  
 LAYOUT PLAN**

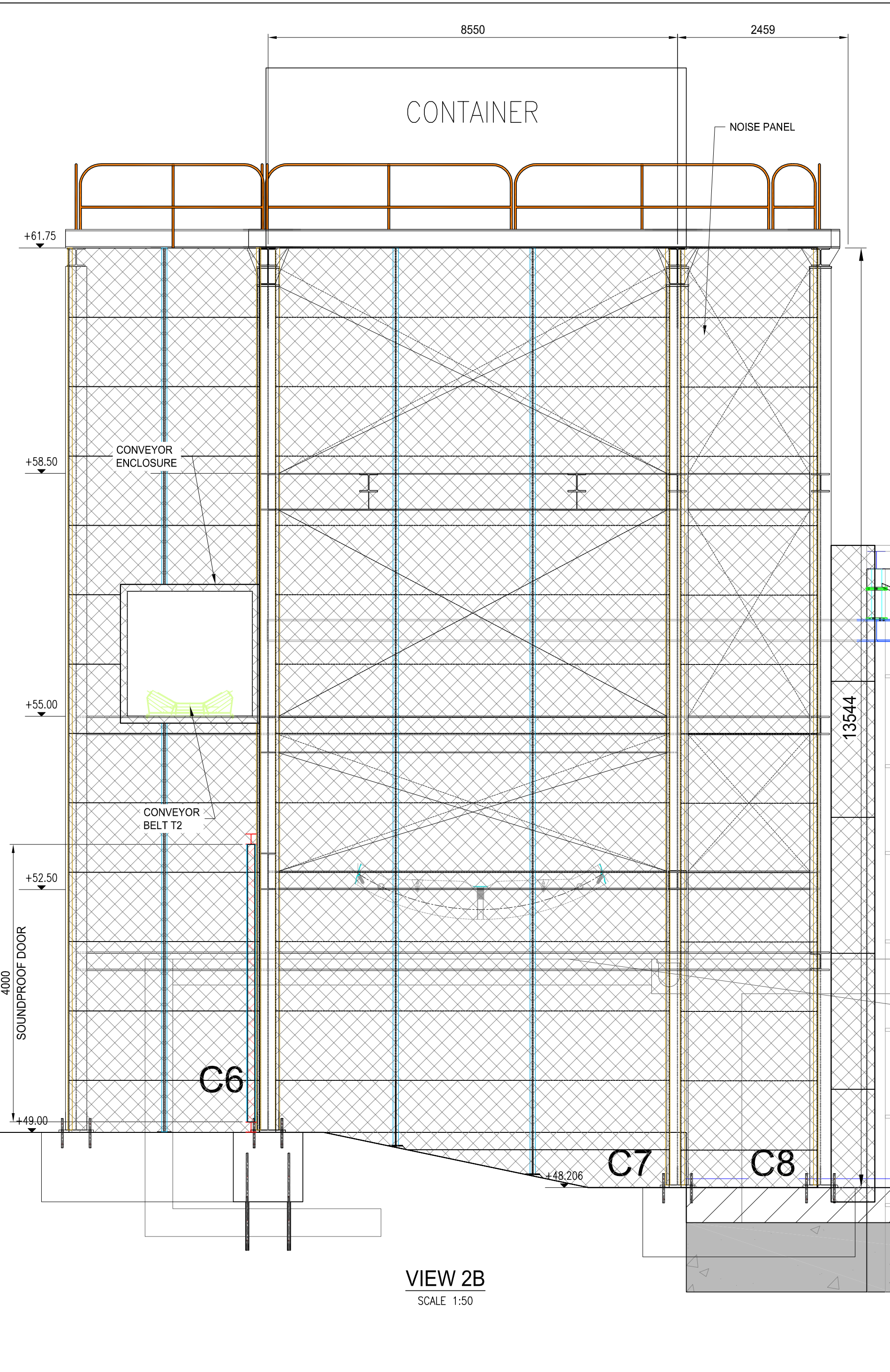
DRAWING REFERENCE NUMBER:  
 HKWDT/DNJV/MD/1010/SI/083

DRAWING STATUS:  
 FOR APPROVAL

SCALE:  
 1:50 (AS)

DATE PREPARED:  
 HKWDT-DNJV-MD-1010-SI-083G

SHEET NO.  
 9 OF 26



**VIEW 2B**  
 SCALE 1:50

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOUSED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY: DBR  
 DRAWN BY: JCA  
 CHECKED BY: BKJ  
 IN CHARGE: PCA  
 DATE: 17/04/08

MAIN CONTRACTOR:

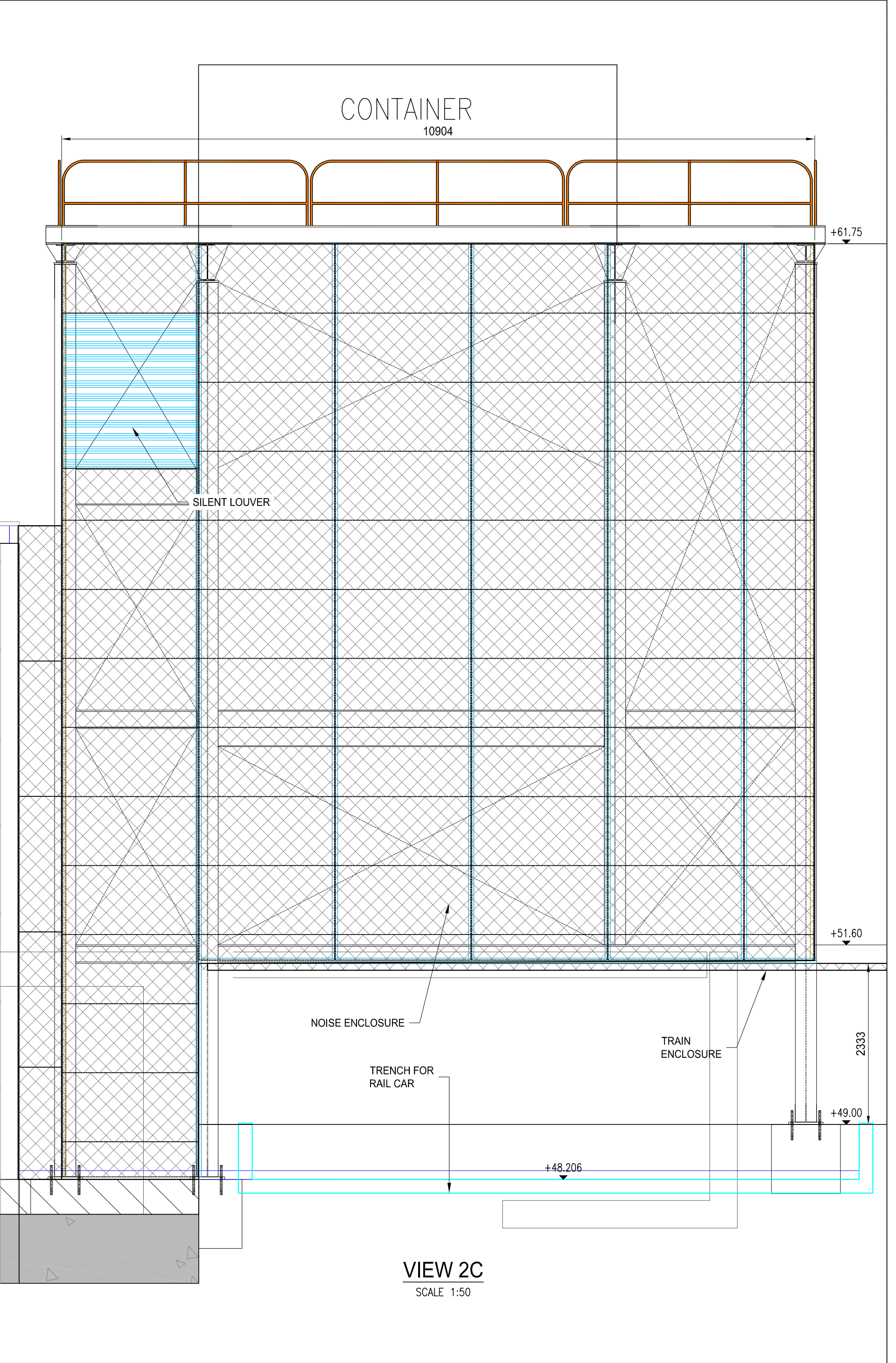
CLIENT:

CONSULTANT:

PROJECT TITLE:  
 Contract no DC/2007/10  
 Design and Construction  
 of  
 Hong Kong West Drainage Tunnel

DRAWING TITLE:  
**EASTERN PORTAL  
 NOISE ENCLOSURE  
 LAYOUT PLAN**

DRAWING REVISION NUMBER:  
 HKWDT/DNJV/MD/1010/SI/083  
 DRAWING STATUS:  
 FOR APPROVAL  
 SCALE:  
 1:50 (AS)  
 SHEET NO.  
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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FINAL ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOUSED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY: DBR  
 DRAWN BY: JCA  
 CHECKED BY: BKJ  
 IN CHARGE: PCA  
 DATE: 17/APR08

MAIN CONTRACTOR:  


CONTRACTOR'S DESIGNER:  

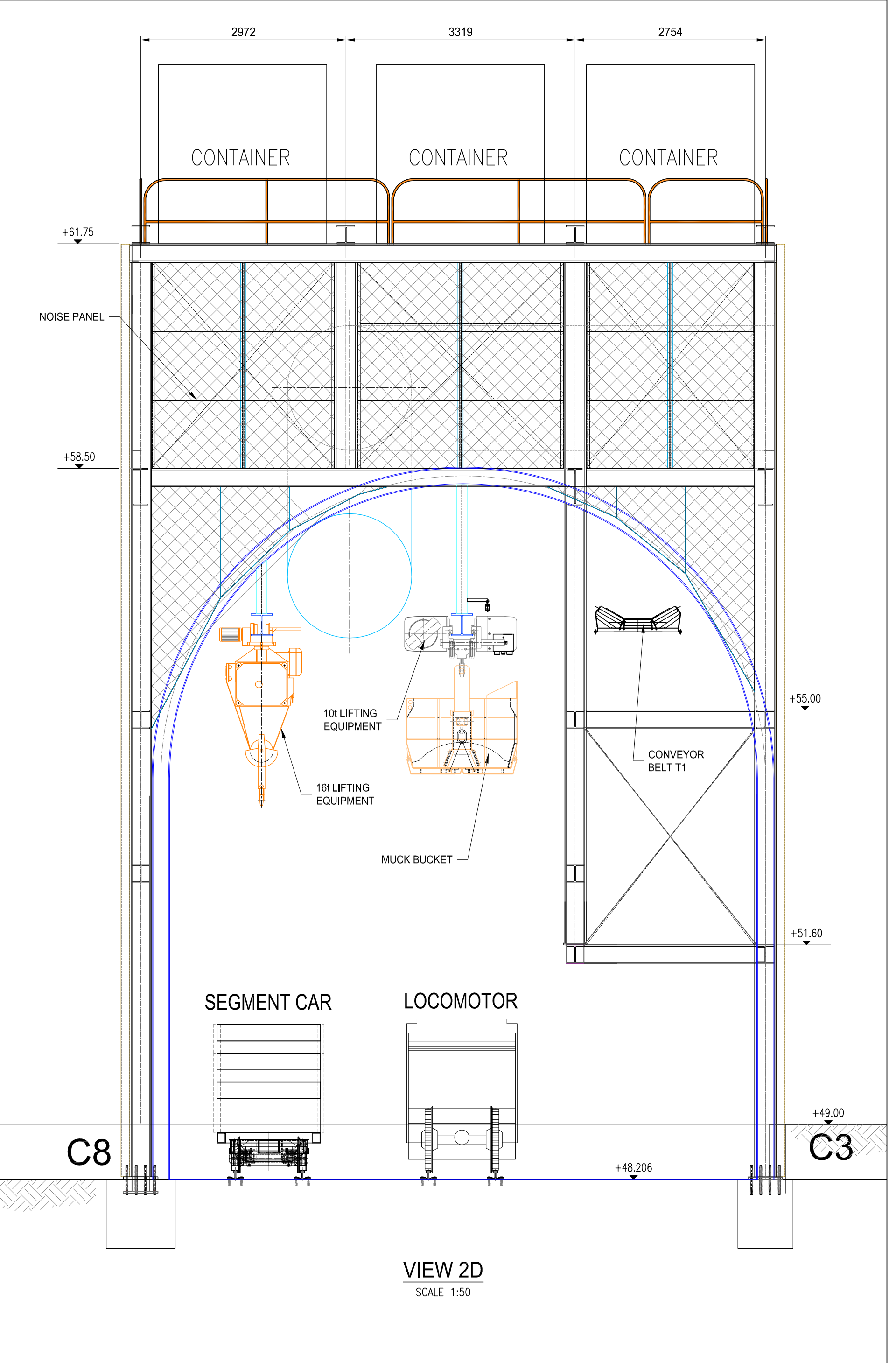

CLIENT:  


CONSULTANT:  


PROJECT TITLE:  
 Contract no DC/2007/10  
 Design and Construction  
 of  
 Hong Kong West Drainage Tunnel

DRAWING TITLE:  
**EASTERN PORTAL  
 NOISE ENLOSURE  
 LAYOUT PLAN**

DRAWING REFERENCE NUMBER: HKWDT/DNJV/M/D/1010/SI/083	REV: G
DWG STATUS: FOR APPROVAL	SCALE: 1:50 (AS)
DATE REVISION: HKWDT-DNJV-MD-1010-SI-083G	SHEET NO: 11 OF 26



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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOUDED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY	DBR
DRAWN BY	JCA
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/APR08

MAIN CONTRACTOR

CONTRACTOR'S DESIGNER

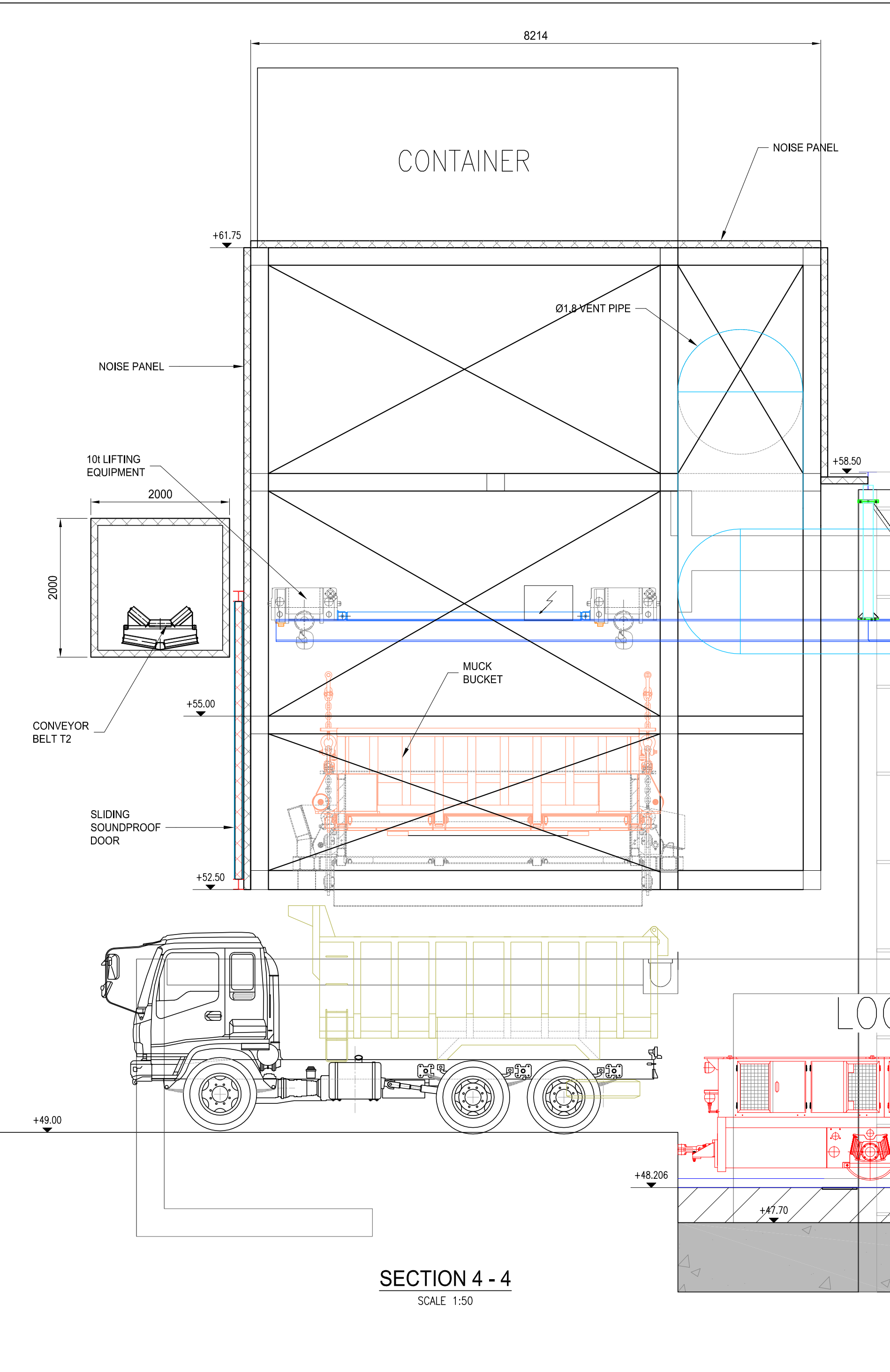
CLIENT

CONSULTANT

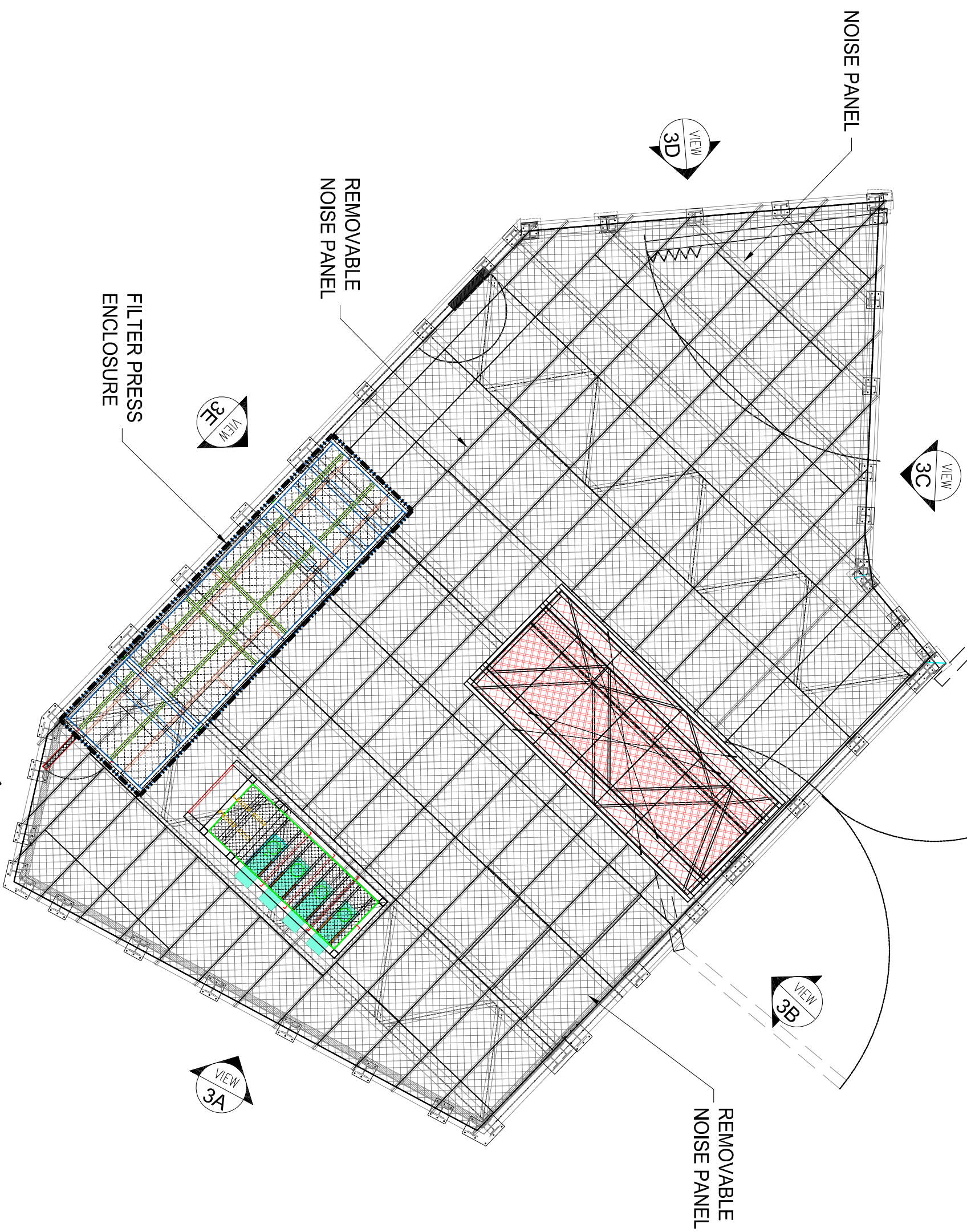
PROJECT TITLE  
Contract no DC/2007/10  
Design and Construction  
of  
Hong Kong West Drainage Tunnel

DRAWING TITLE  
**EASTERN PORTAL  
NOISE ENCLOSURE  
LAYOUT PLAN**

DRAWING REFERENCE NUMBER	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (A3)
SHEET NO.	12 OF 26



**SECTION 4 - 4**  
SCALE 1:50



AREA 3 (SPOIL STORAGE BASIN) PLAN  
SCALE 1:100

NO.	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/02/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOSER
F	15/06/09	JCA	GENERAL REVISION
G	14/07/10	DBR	UPDATE AREA 3

MAIN CONTRACTOR:

Dragages-Nishimatsu Joint Venture

CONTRACTOR'S DESIGNER:

MAUNSELL | AECOM

CLIENT:

渠務署  
Drainage Services Department

CONSULTANT:

ARUP  
Ove Arup & Partners  
Hong Kong Limited

PROJECT TITLE:  
Contract no. DC/2007/10  
Design and Construction  
of  
Hong Kong West Drainage Tunnel

DRAWING TITLE:  
EASTERN PORTAL  
NOISE ENCLOSURE  
LAYOUT PLAN

DRAWING REFERENCE NUMBER: HKWDT/DNLV/M/1010/SI/083	REV. G
DRAWING STATUS: FOR APPROVAL	SCALE: 1:50 (A3)
GRID REFERENCE: HMD1-DNM-MD-1010-SI-083G	SHEET NO. 13 OF 26

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS COUNDED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

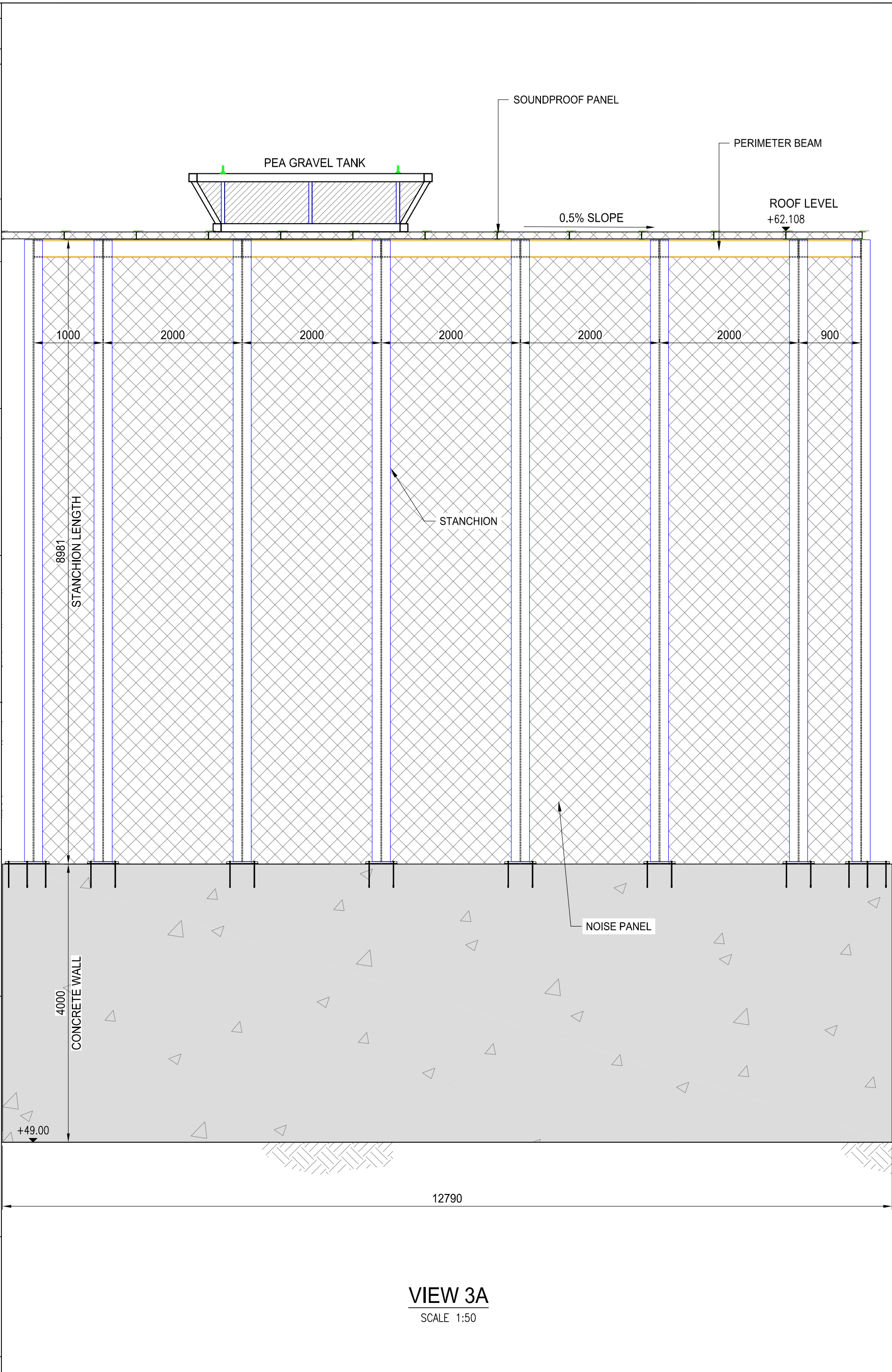
DESIGNED BY	DBR
DRAWN BY	JCA
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/04/08

MAIN CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN

DRAWING REFERENCE NUMBER	HKWDT/DNJV/M/D/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (A3)
SHEET NO.	14 OF 26



REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR
G	14/01/10	JCA	UPDATE AREA 3	JCA	DBR
F	15/06/09	JCA	GENERAL REVISION	JCA	DBR
E	30/05/09	JCA	REVISION AS COUNDED	JCA	DBR
D	24/03/09	JCA	GENERAL REVISION	BKI	DBR
C	24/09/08	JCA	GENERAL REVISION	JCA	DBR
B	12/07/08	JCA	GENERAL REVISION	JCA	DBR
A	17/04/08	JCA	FIRST ISSUE	JCA	DBR

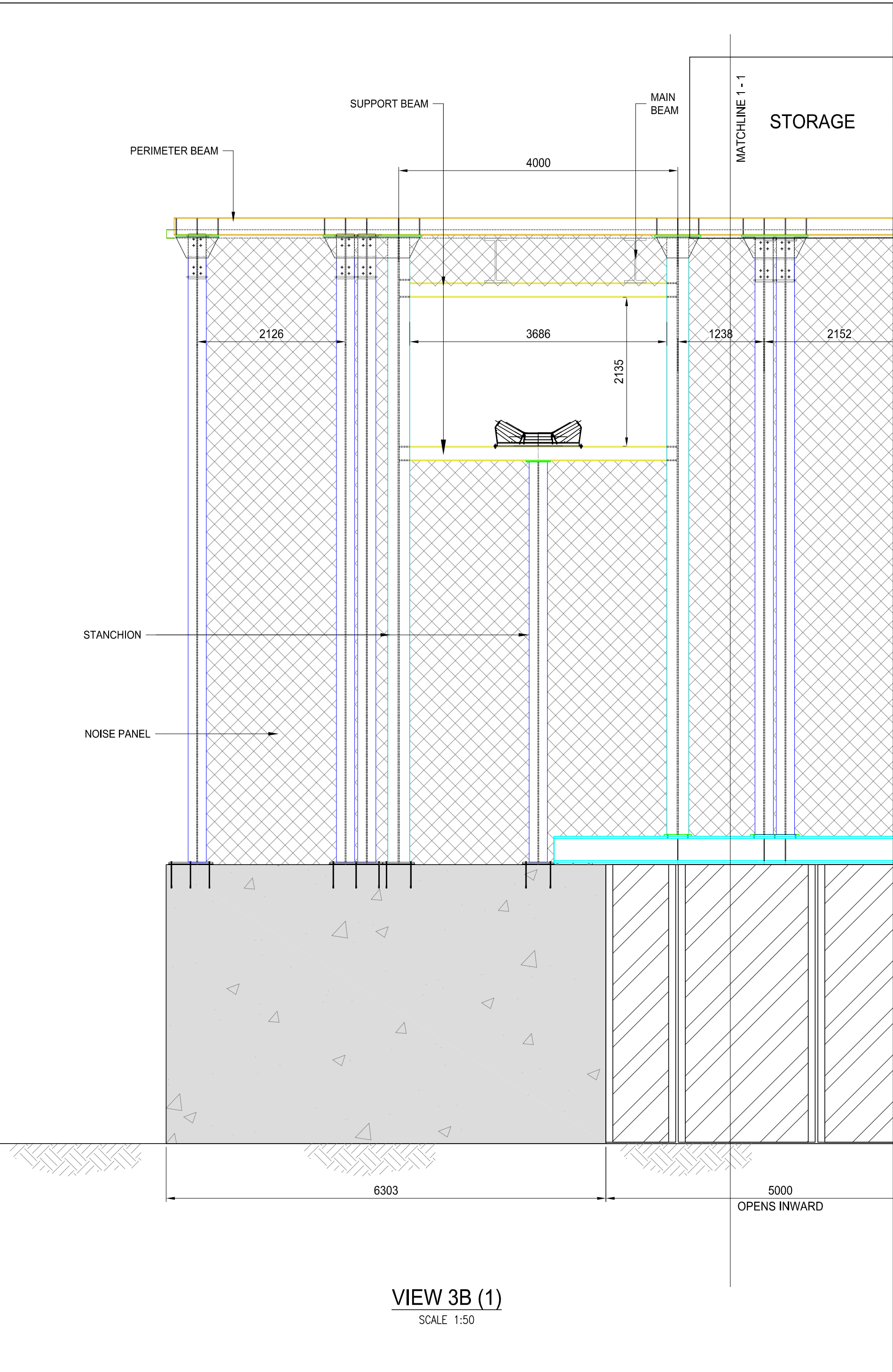
DESIGNED BY	DBR
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/04/08

MAIN CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN

DRAWING REVISION NUMBER	REV
HKWDT/DNJV/MD/1010/SI/083	G
FOR APPROVAL	
SCALE	1:50 (A3)
SHEET NO.	15 OF 26





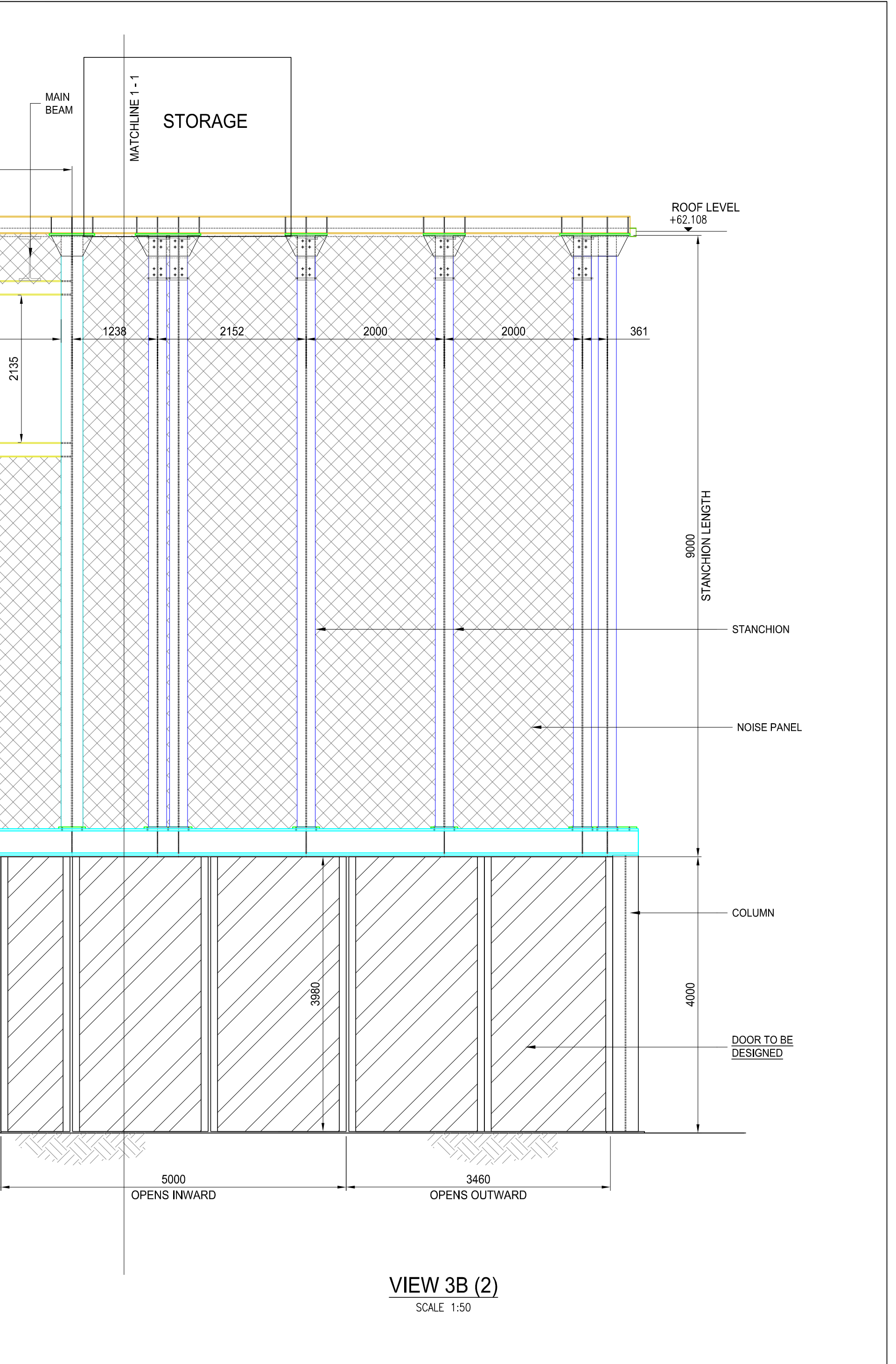
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C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	GENERAL REVISION
F	14/01/10	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY	DBR
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/APR08

MAIN CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN
DRAWING REFERENCE NUMBER	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (A3)
SHEET NO.	16 OF 26



**VIEW 3B (2)**  
SCALE 1:50

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
E	30/05/09	JCA	REVISION AS CLOUDED
F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

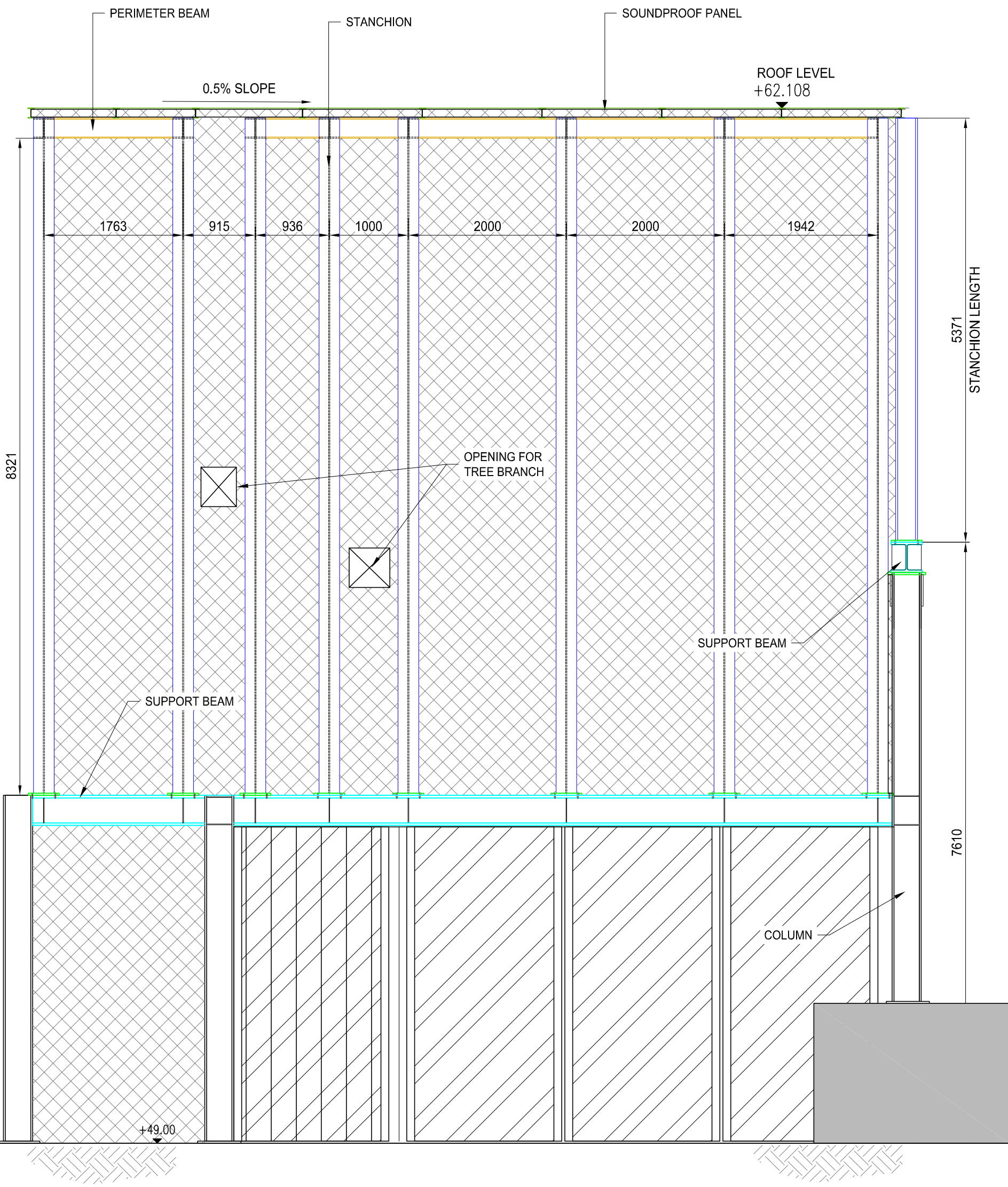
DESIGNED BY	DBR
DRAWN BY	JCA
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/APR08

MAIN CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN

DRAWING REFERENCE NUMBER	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (AS)
SHEET NO.	17 OF 26



VIEW 3C  
SCALE 1:50

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	GENERAL REVISION
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F	15/06/09	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

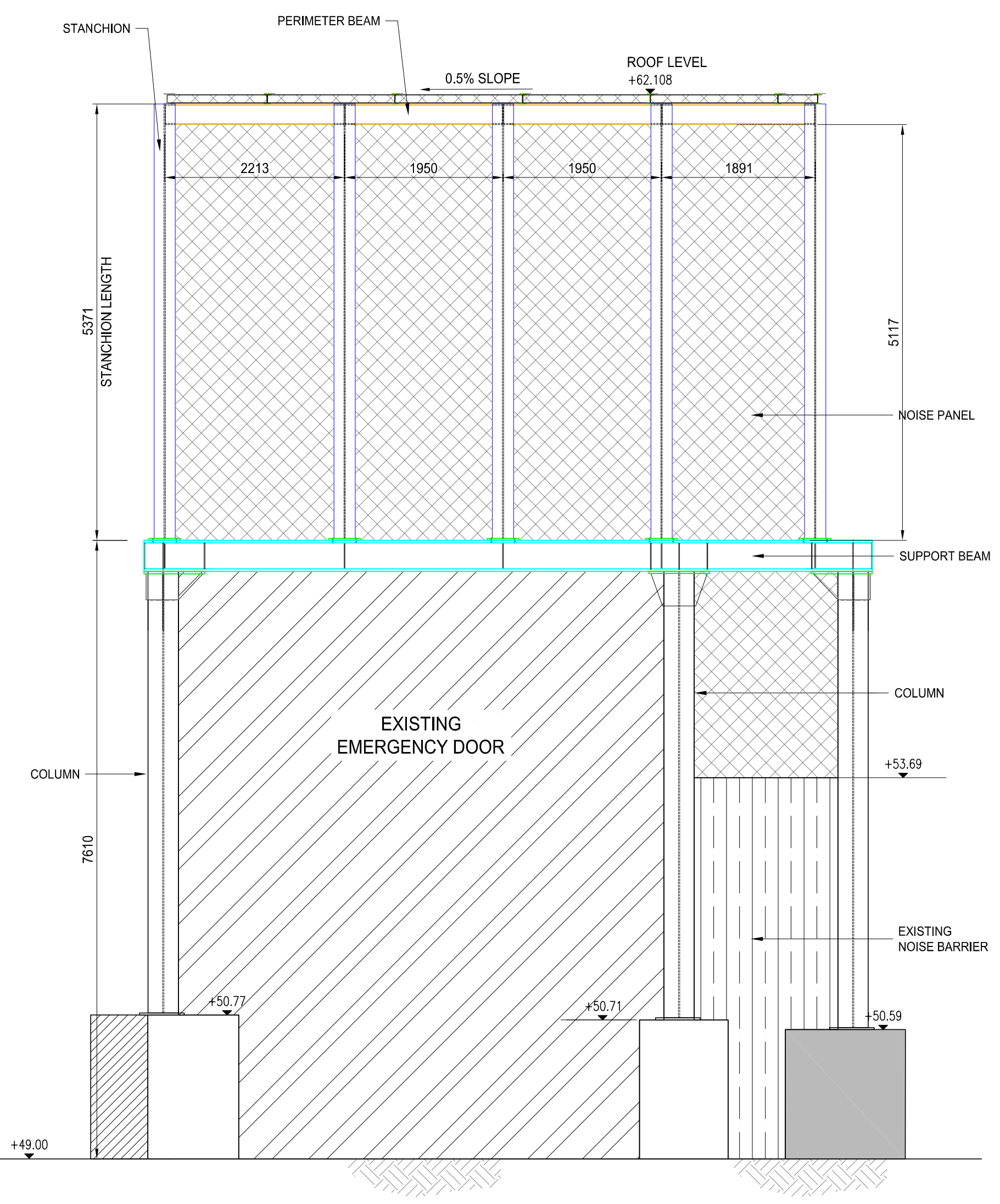
DESIGNED BY	DBR
DRAWN BY	JCA
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/APR08

MAIN CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN

DRAWING REVISION NUMBER	REV
HKWDT/DNJV/MD/1010/SI/083	G
FORM APPROVAL	SCALE
1:50 (A3)	18 OF 26




VIEW 3D  
SCALE 1:50

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REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/09/08	JCA	GENERAL REVISION
E	30/09/08	JCA	REVISION AS CLOURED
F	15/06/08	JCA	GENERAL REVISION
G	14/01/10	JCA	UPDATE AREA 3

DESIGNED BY: DBR  
 DRAWN BY: JCA  
 CHECKED BY: BKJ  
 IN CHARGE: PCA  
 DATE: 17/04/08

MAIN CONTRACTOR:  


CONTRACTOR'S DESIGNER:  


CLIENT:  


CONSULTANT:  
  
 One Arup & Partners  
 Hong Kong Limited

PROJECT TITLE:  
 Contract no DC/2007/10  
 Design and Construction  
 of  
 Hong Kong West Drainage Tunnel

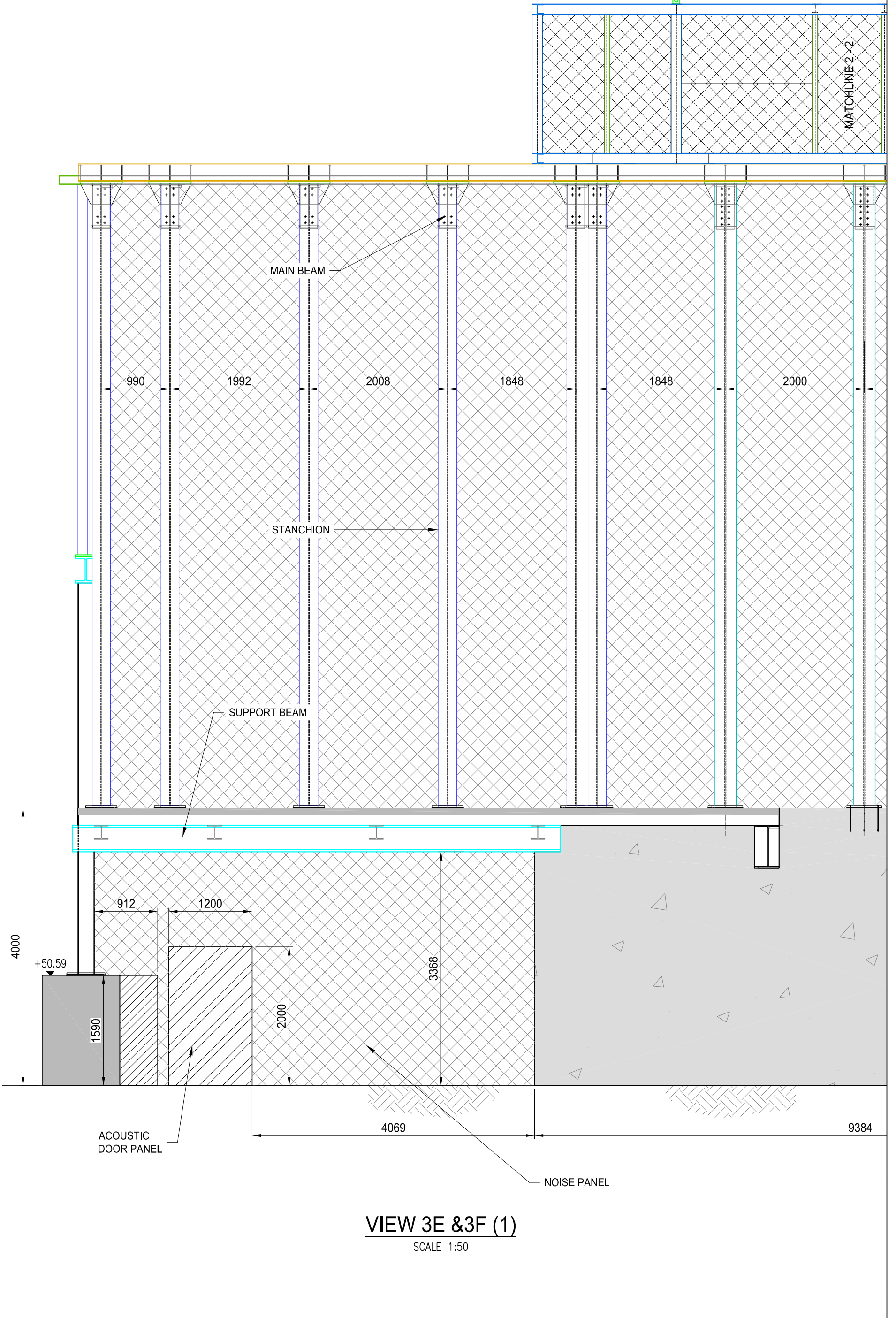
DRAWING TITLE:  
**EASTERN PORTAL  
 NOISE ENCLOSURE  
 LAYOUT PLAN**

DRAWING REFERENCE NUMBER:  
 HKWDT/DNJV/MD/1010/SI/083

FORM APPROVAL:  
 SCALE: 1:50 (AS)

SHEET NO.: 19 OF 26

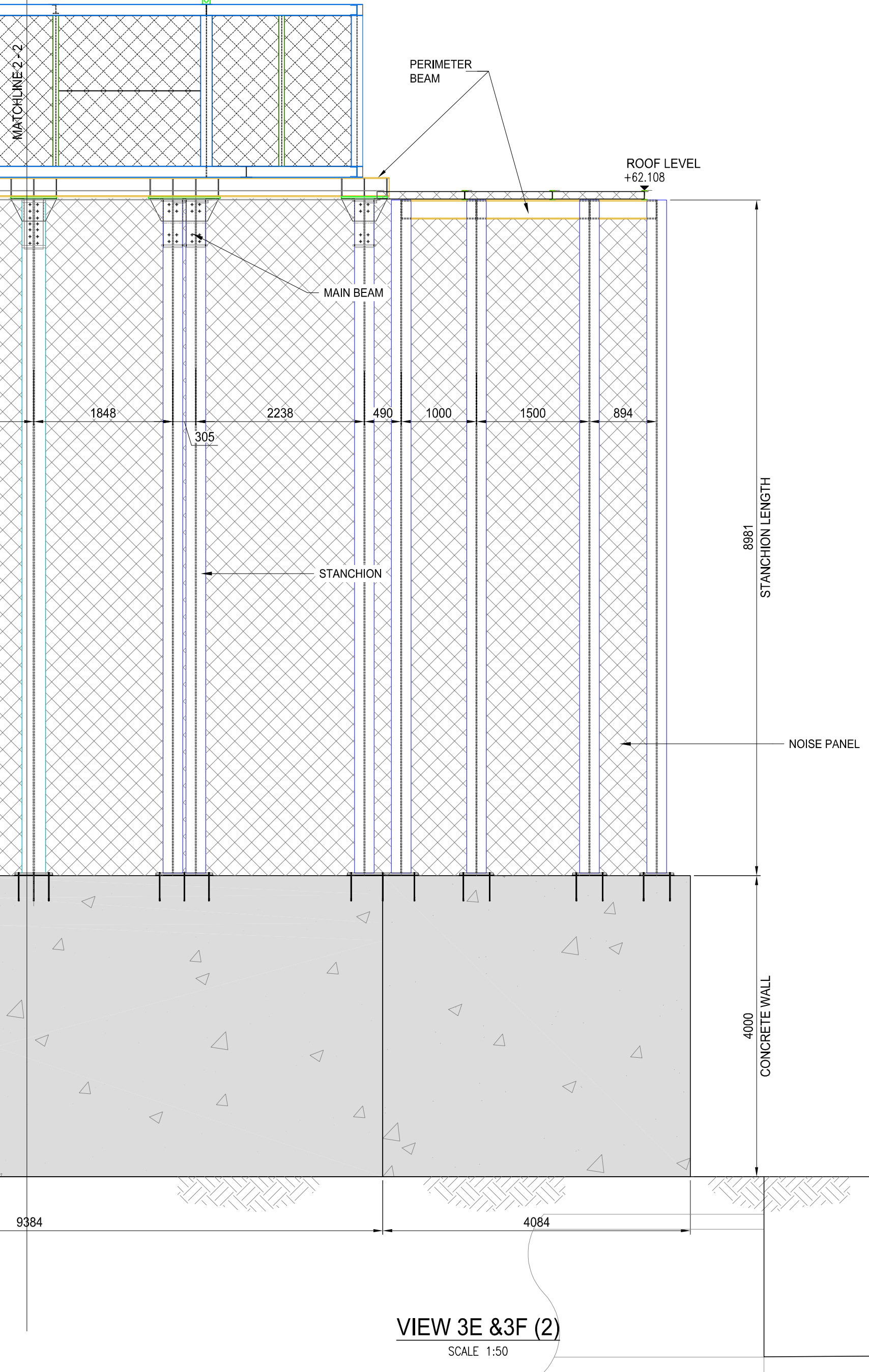
# FILTER PRESS NOISE ENCLOSURE



**VIEW 3E & 3F (1)**  
 SCALE 1:50

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# FILTER PRESS NOISE ENCLOSURE



**VIEW 3E & 3F (2)**  
SCALE 1:50

REV	DATE	BY	DESCRIPTION
A	17/04/08	JCA	FIRST ISSUE
B	12/07/08	JCA	GENERAL REVISION
C	24/09/08	JCA	GENERAL REVISION
D	24/03/09	JCA	REVISION AS CLOUSED
E	30/05/09	JCA	GENERAL REVISION
F	14/01/10	DBR	UPDATE AREA 3
G			

DESIGNED BY	DBR
CHECKED BY	BKI
IN CHARGE	PCA
DATE	17/APR08

CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited

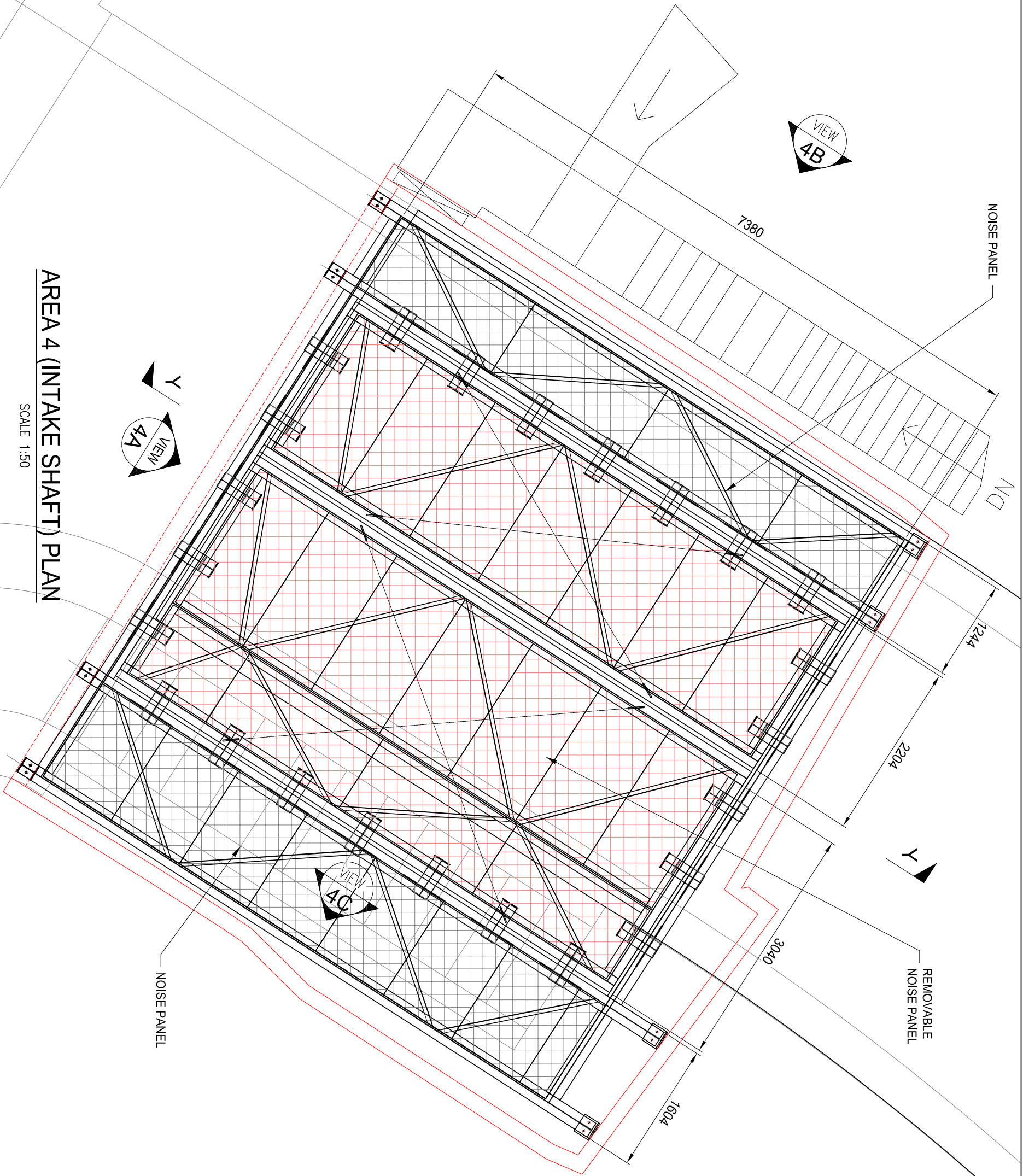
  

PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENCLOSURE LAYOUT PLAN

DRAWING REFERENCE NUMBER	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (AS)
SHEET No.	20 OF 26

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**AREA 4 (INTAKE SHAFT) PLAN**

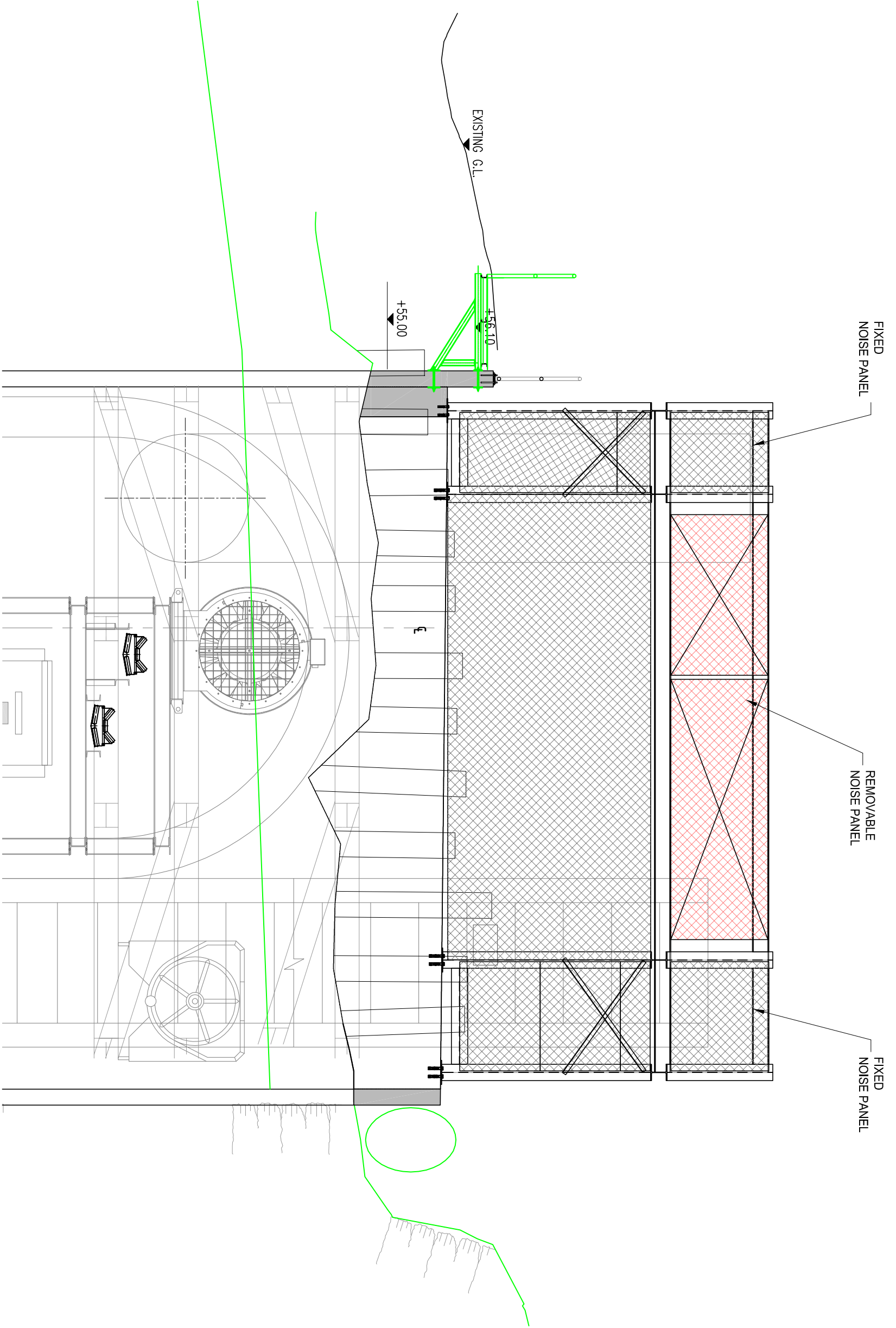
SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	DESIGNED BY	DBR	DATE	17/APR/08
A	17/04/08	JCA	FIRST ISSUE						
B	12/07/08	JCA	GENERAL REVISION						
C	24/09/08	JCA	GENERAL REVISION						
D	24/03/09	JCA	GENERAL REVISION						
E	30/05/09	JCA	REVISION AS CLOUSED						
F	15/06/09	JCA	GENERAL REVISION						
G	14/01/10	JCA	UPDATE AREA 3						

CONTRACTOR'S DESIGNER:	MAUNSELL   AECOM
CLIENT:	渠務署 Drainage Services Department
CONSULTANT:	ARUP One Arup & Partners Hong Kong Limited
PROJECT TITLE:	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE:	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN
DRAWING REFERENCE NUMBER:	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS:	FOR APPROVAL
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SCALE:	1:50 (AS)
SHEET No.:	21 OF 26

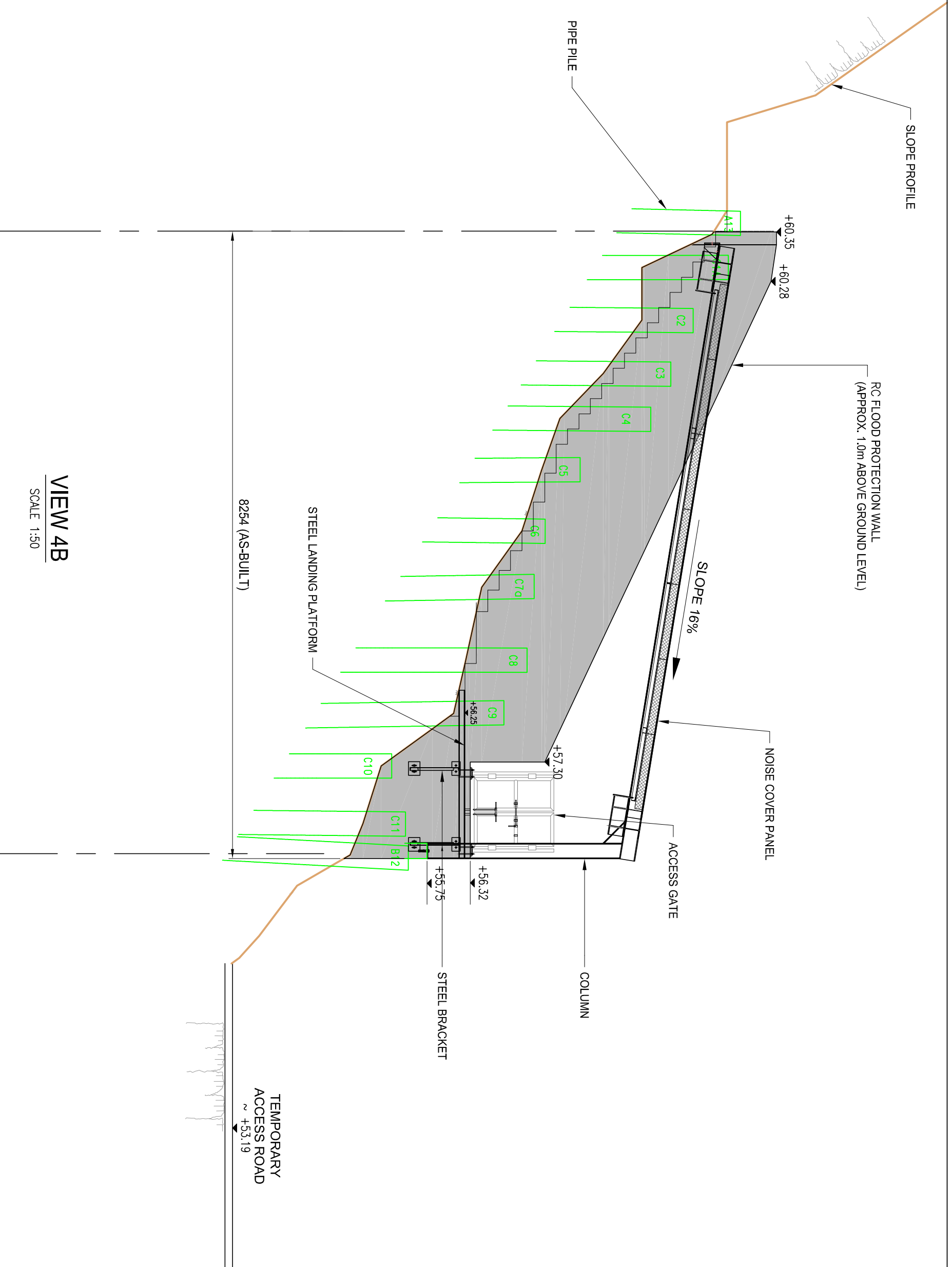
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**VIEW 4A**  
SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	REV
G	14/01/10	JCA	UPDATE AREA 3	JCA	DBR	 Dragages-Nishimatsu Joint Venture	 MAUNSELL   AECOM	 渠務署 Drainage Services Department	 ARUP Ove Arup & Partners Hong Kong Limited	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	EASTERN PORTAL NOISE ENCLOSURE LAYOUT PLAN	HKWDT/DNJV/MD/1010/SI/083	G
F	15/06/09	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	REVISION AS CLOURED	JCA									
D	24/03/09	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	GENERAL REVISION										
A	17/04/08	JCA	FIRST ISSUE										

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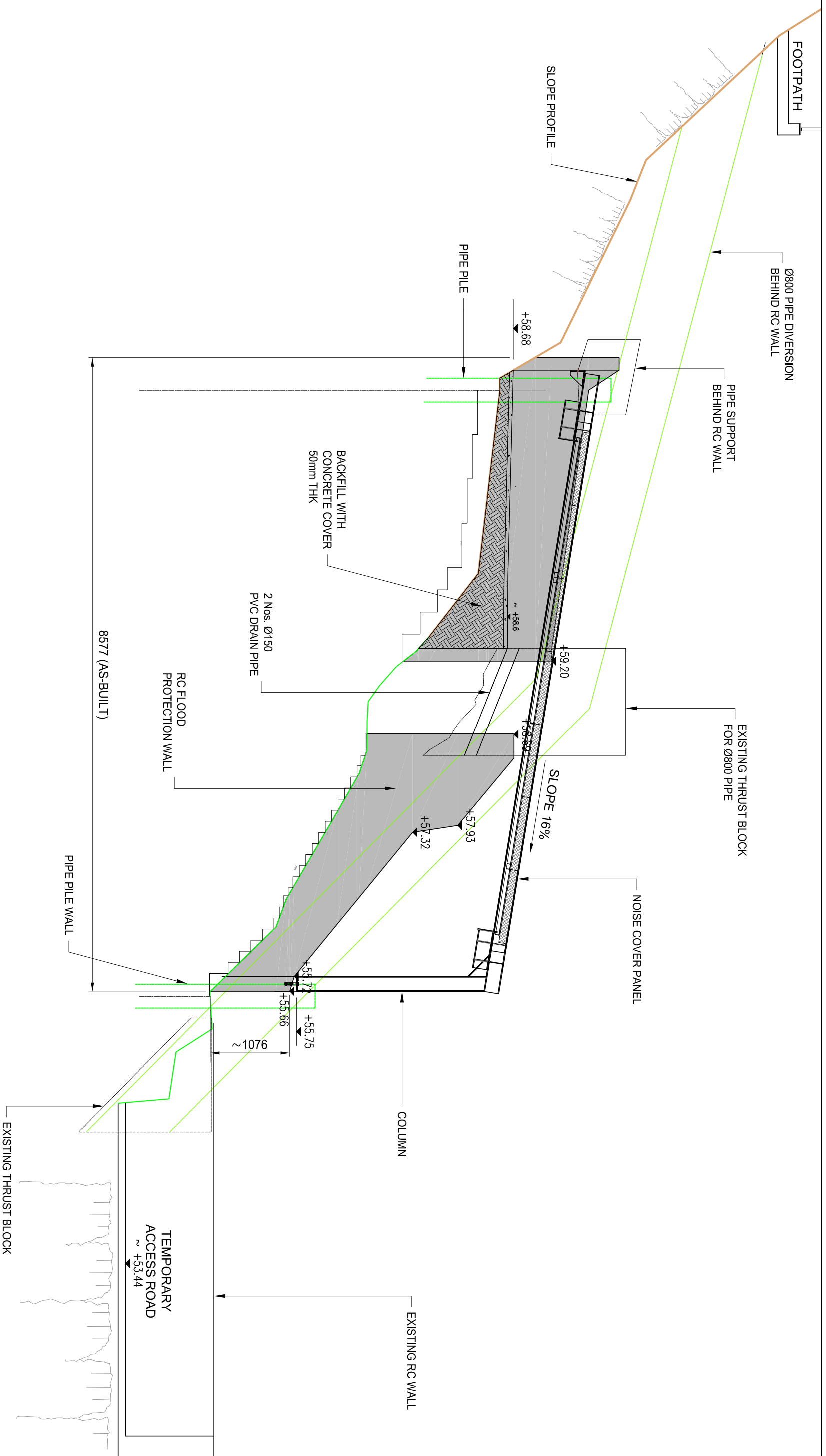


**VIEW 4B**  
SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	MAIN CONTRACTOR	CONTRACTOR'S DESIGNER	CLIENT	CONSULTANT	PROJECT TITLE	DRAWING TITLE	DRAWING REFERENCE NUMBER	REV
G	14/01/10	JCA	UPDATE AREA 3	JCA	DBR					Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	<b>EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN</b>	HKWDT/DNJV/MD/1010/SI/083	G
F	15/06/09	JCA	GENERAL REVISION	JCA									
E	30/05/09	JCA	REVISION AS CLOUDED	JCA									
D	24/03/09	JCA	GENERAL REVISION	BKI									
C	24/09/08	JCA	GENERAL REVISION	PCA									
B	12/07/08	JCA	GENERAL REVISION										
A	17/04/08	JCA	FIRST ISSUE										

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**VIEW 4C**  
SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR
G	14/01/10	JCA	UPDATE AREA 3	JCA	DBR
F	15/06/09	JCA	GENERAL REVISION	JCA	DBR
E	30/05/09	JCA	REVISION AS CLOUDED	JCA	DBR
D	24/03/09	JCA	GENERAL REVISION	BKI	DBR
C	24/09/08	JCA	GENERAL REVISION	JCA	DBR
B	12/07/08	JCA	GENERAL REVISION	JCA	DBR
A	17/04/08	JCA	FIRST ISSUE	JCA	DBR

MAIN CONTRACTOR

Dragages-Nishimatsu Joint Venture

CONTRACTOR'S DESIGNER

MAUNSELL | AECOM

CLIENT

渠務署  
Drainage Services Department

CONSULTANT

ARUP  
Ove Arup & Partners  
Hong Kong Limited

PROJECT TITLE

Contract no DC/2007/10  
Design and Construction  
of  
Hong Kong West Drainage Tunnel

DRAWING TITLE

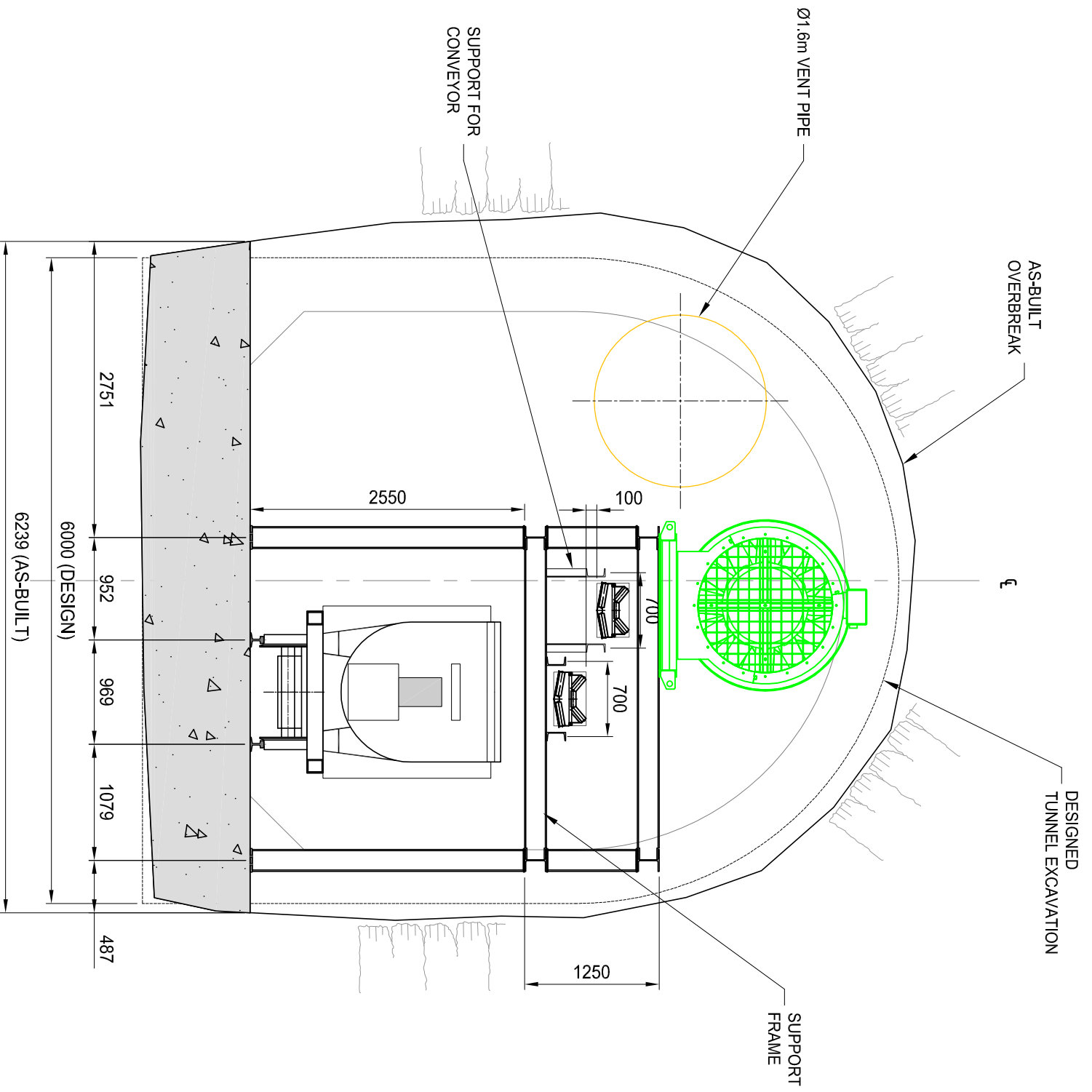
**EASTERN PORTAL  
NOISE ENLOSURE  
LAYOUT PLAN**

REV	DATE	DESCRIPTION	SCALE
G		FOR APPROVAL	1:50 (AS)

DRAWING REFERENCE NUMBER: HKWDT/DNJV/MD/1010/SI/083

DATE: 17/01/08

SHEET NO. 24 OF 26



**SECTION Z - Z**  
SCALE 1:50

REV	DATE	BY	DESCRIPTION	DESIGNED BY	DBR	DESIGNED BY	DBR	DATE	17/APR08
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B	12/07/08	JCA	GENERAL REVISION	JCA	PCA	JCA	PCA		
C	24/09/08	JCA	GENERAL REVISION	JCA	PCA	JCA	PCA		
D	24/03/09	JCA	GENERAL REVISION	JCA	PCA	JCA	PCA		
E	30/05/09	JCA	REVISION AS CLOUSED	JCA	PCA	JCA	PCA		
F	15/06/09	JCA	GENERAL REVISION	JCA	PCA	JCA	PCA		
G	14/01/10	JCA	UPDATE AREA 3	JCA	PCA	JCA	PCA		

MAINT CONTRACTOR	DRAGAGES-NISHIMATSU JOINT VENTURE
CONTRACTOR'S DESIGNER	MAUNSELL   AECOM
CLIENT	渠務署 Drainage Services Department
CONSULTANT	ARUP Ove Arup & Partners Hong Kong Limited
PROJECT TITLE	Contract no DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel
DRAWING TITLE	EASTERN PORTAL NOISE ENLOSURE LAYOUT PLAN
DRAWING REFERENCE NUMBER	HKWDT/DNJV/MD/1010/SI/083
DRAWING STATUS	FOR APPROVAL
SCALE	1:50 (AS)
SHEET No.	25 OF 26
DATE	17/APR08

REV	DATE	BY	DESCRIPTION
A	17/04/08	JDA	FIRST ISSUE
B	12/07/08	JDA	GENERAL REVISION
C	24/09/08	JDA	GENERAL REVISION
D	24/03/09	JDA	GENERAL REVISION
E	30/05/09	JDA	REVISION AS CLOSER
F	15/06/09	JDA	GENERAL REVISION
G	14/01/10	JDA	UPDATE AREA 3

MAIN CONTRACTOR:

CONTRACTOR'S DESIGNER:

CLIENT:

CONSULTANT:

PROJECT TITLE:

Contract no. DC/2007/10  
Design and Construction  
of  
Hong Kong West Drainage Tunnel

DRAWING TITLE:

**EASTERN PORTAL  
NOISE ENCLOSURE  
LAYOUT PLAN**

DRAWING REFERENCE NUMBER:

HKWDT/DNLV/MD/1010/SI/083

DRAWING STATUS:

FOR APPROVAL

SCALE:

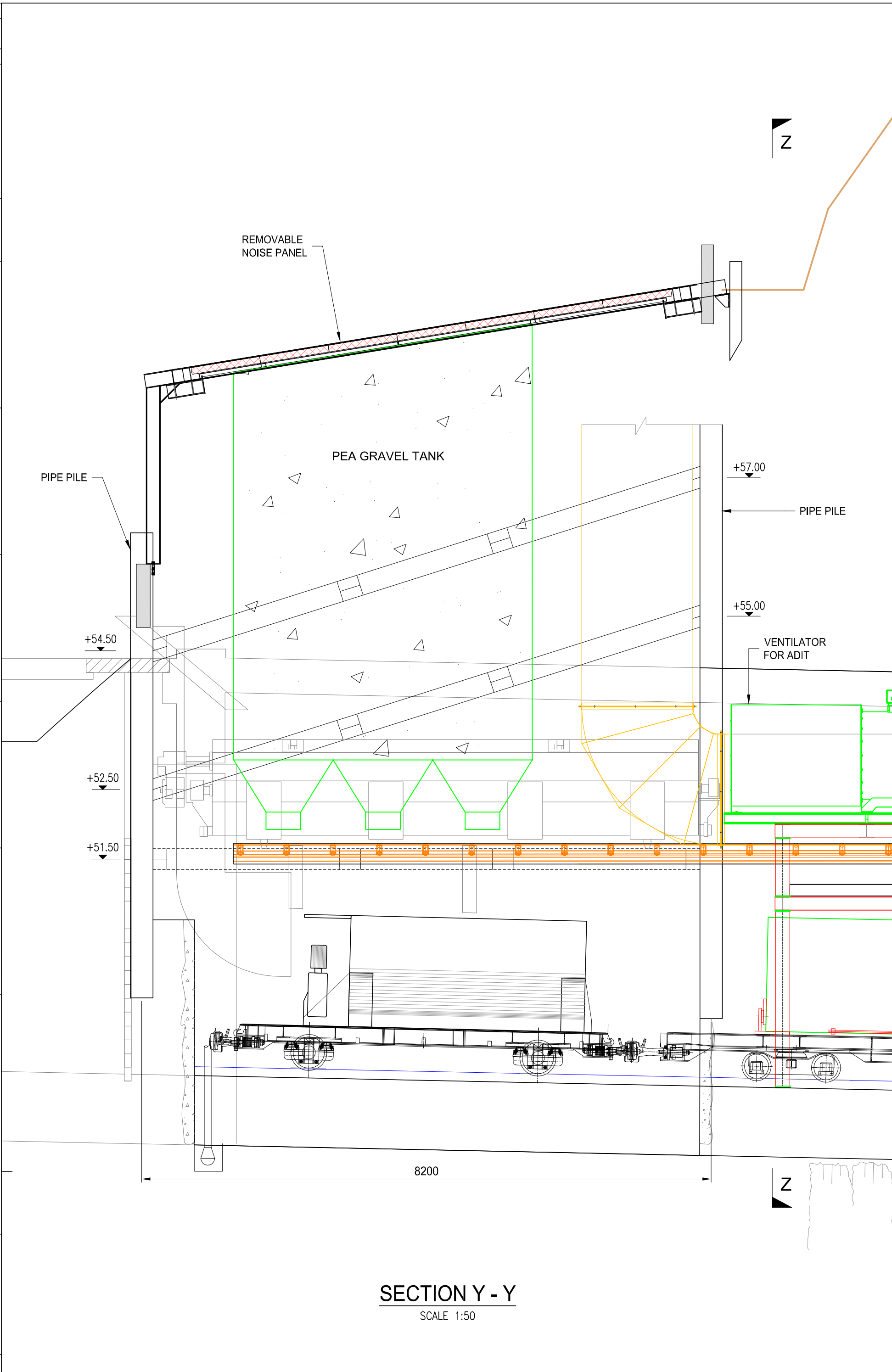
1:50 (A3)

DATE:

17/04/08

SHEET No.:

26 OF 26



**SECTION Y - Y**  
SCALE 1:50

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