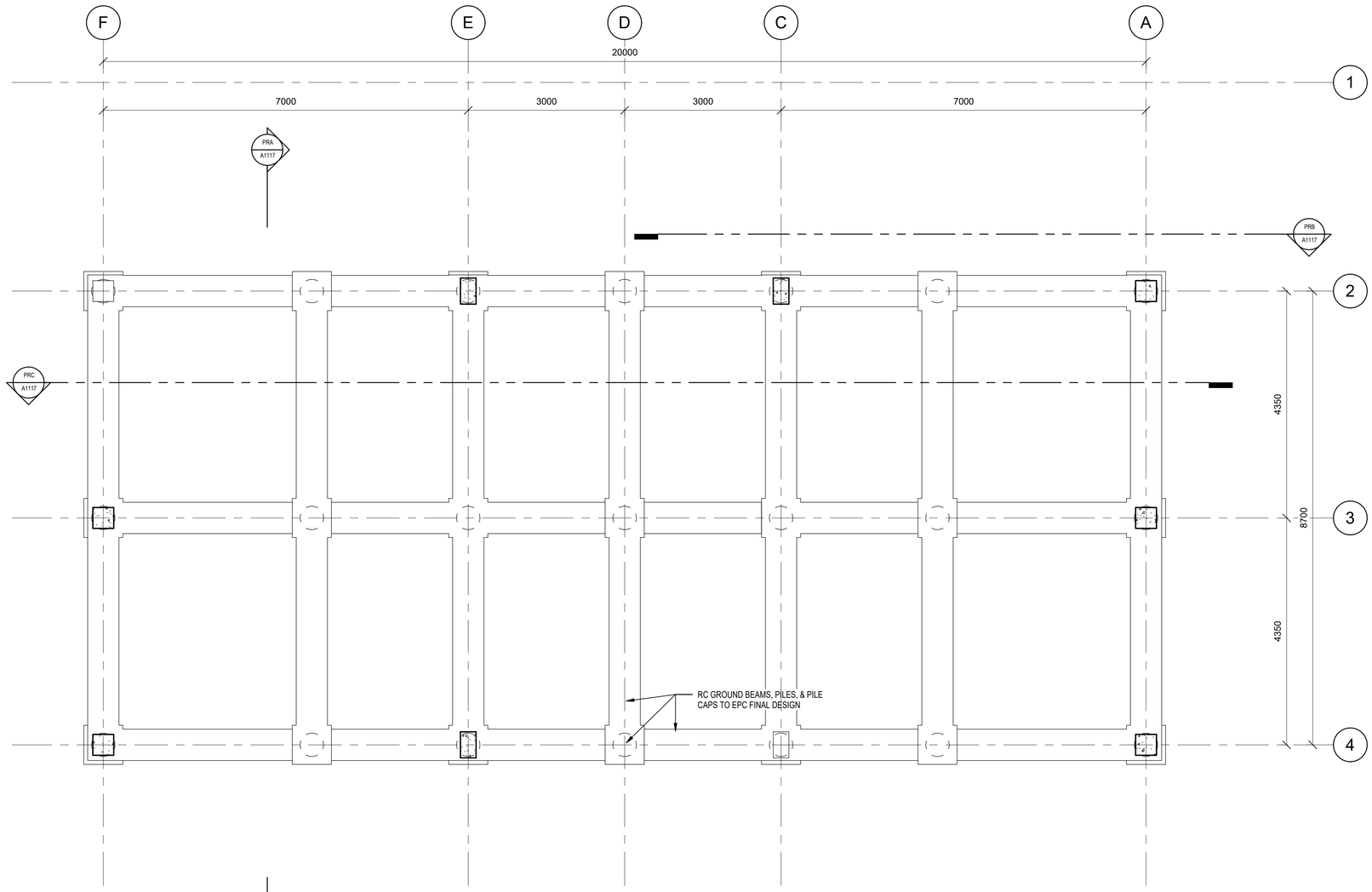
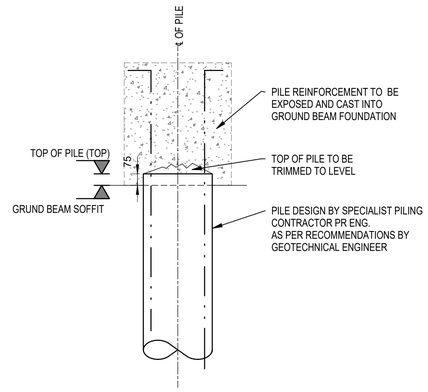


PRA
A1117
FDN LVL
SCALE: 1 : 50



PILING DETAIL

SCALE: 1 : 20

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
PUMP HOUSE - FOUNDATION LAYOUT

SCALE	CHECKED:	APPROVED:
As indicated	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1113	REV: C

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(031) 816 9386 admin@greyjones.co.za www.greyjones.co.za

REFERENCES

DWG NUMBER	DESCRIPTION
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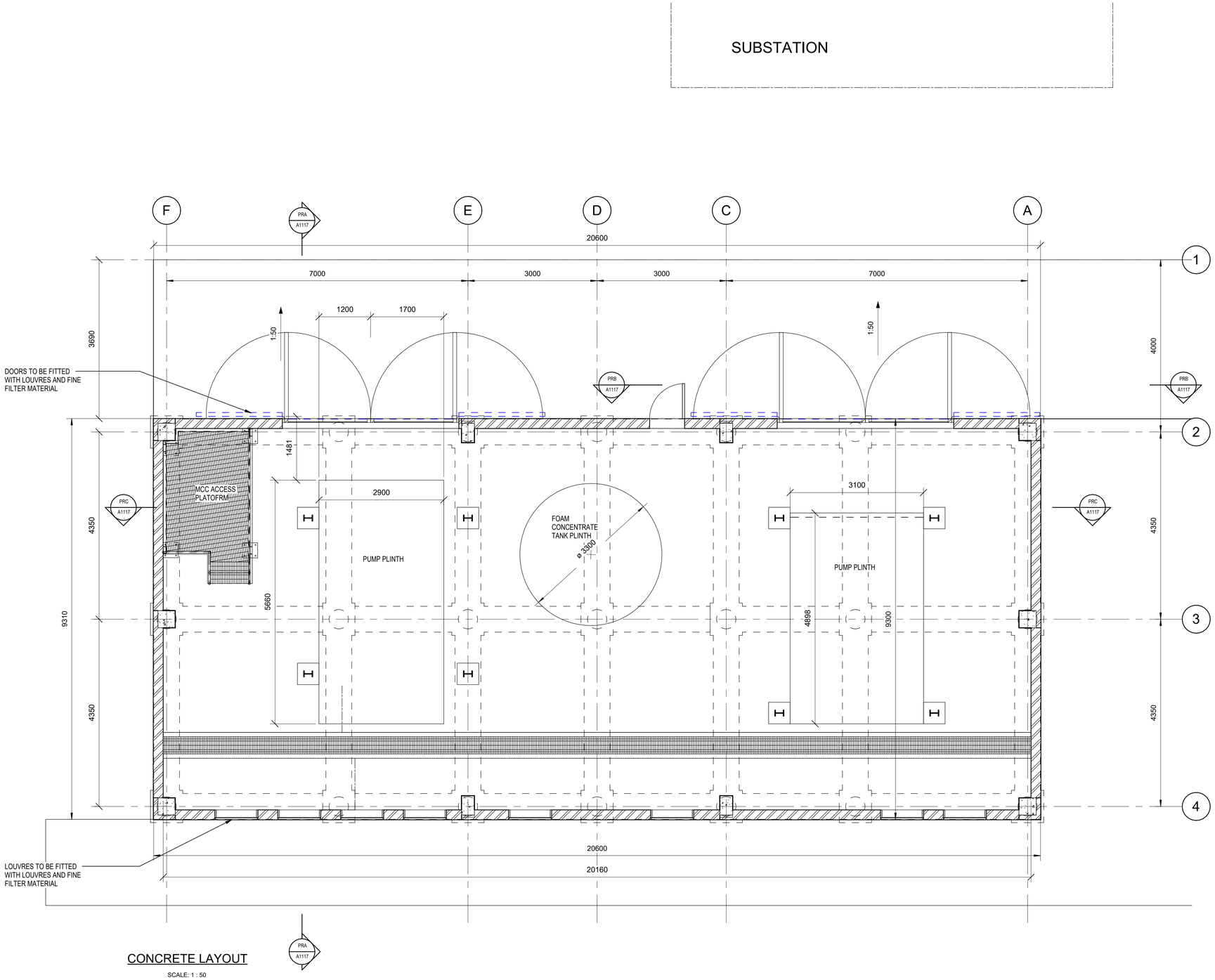
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	27/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/9/25	KO	BJ	FOR CLIENT REVIEW
C	11/11/25	KO	BJ	PUMP HOUSE REDUCED AND REPOSITIONED

TRANSNET pipelines

PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



CONCRETE LAYOUT

SCALE: 1 : 50

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
PUMP HOUSE - GROUND FLOOR LAYOUT

SCALE	CHECKED:	APPROVED:
1 : 50	KO	GJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1114	REV: C

GREYJONES (PTY) LTD.
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REFERENCES

DWG NUMBER	DESCRIPTION
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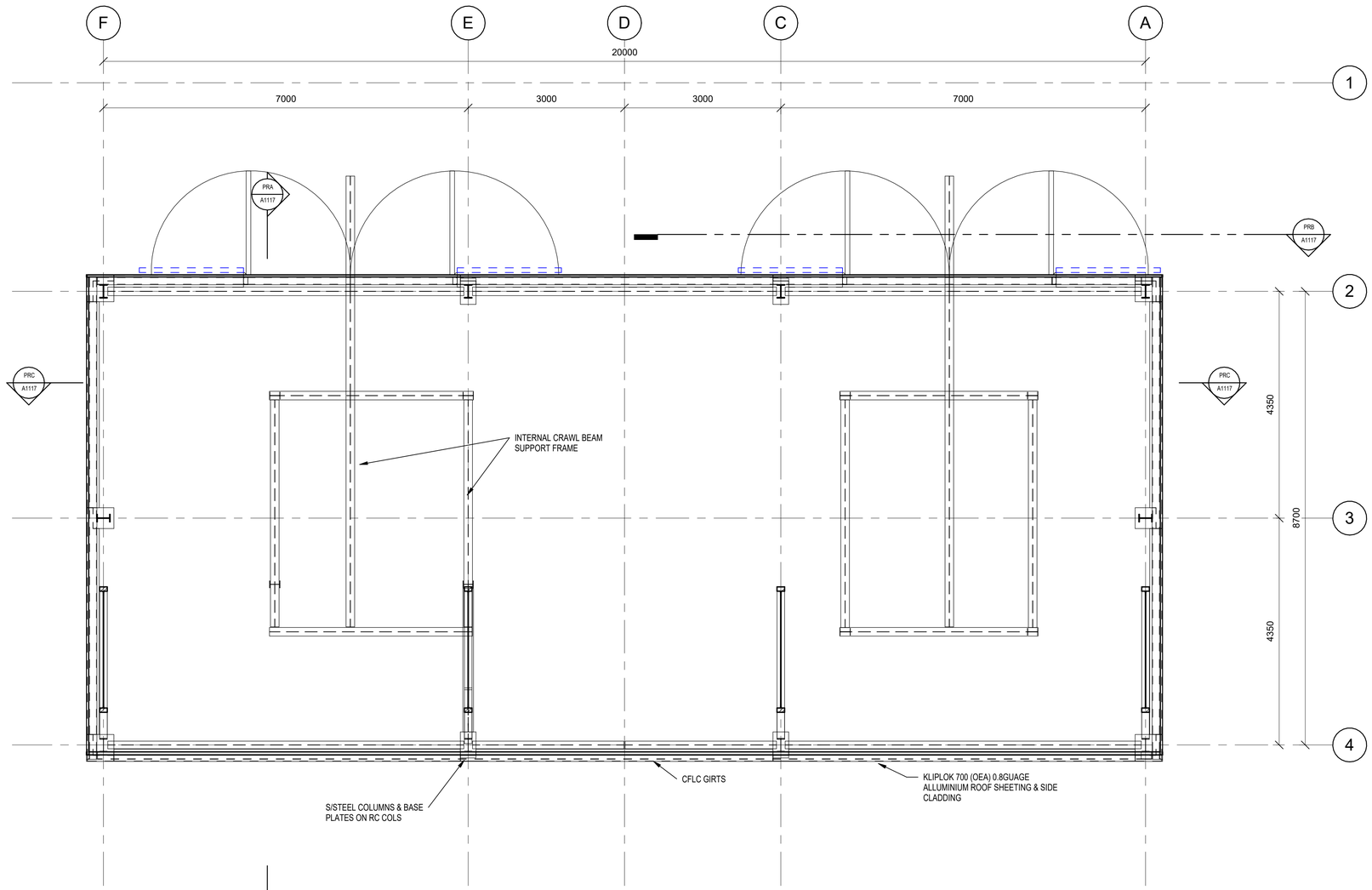
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	27/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/9/25	KO	BJ	FOR CLIENT REVIEW
C	11/11/25	KO	BJ	PUMP HOUSE REDUCED AND REPOSITIONED

TRANSNET pipelines

PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



TOCol

SCALE: 1 : 50

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
PUMP HOUSE - COLUMN LAYOUT

SCALE	CHECKED:	APPROVED:
1 : 50	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1115	REV: C

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REFERENCES

DWG NUMBER	DESCRIPTION
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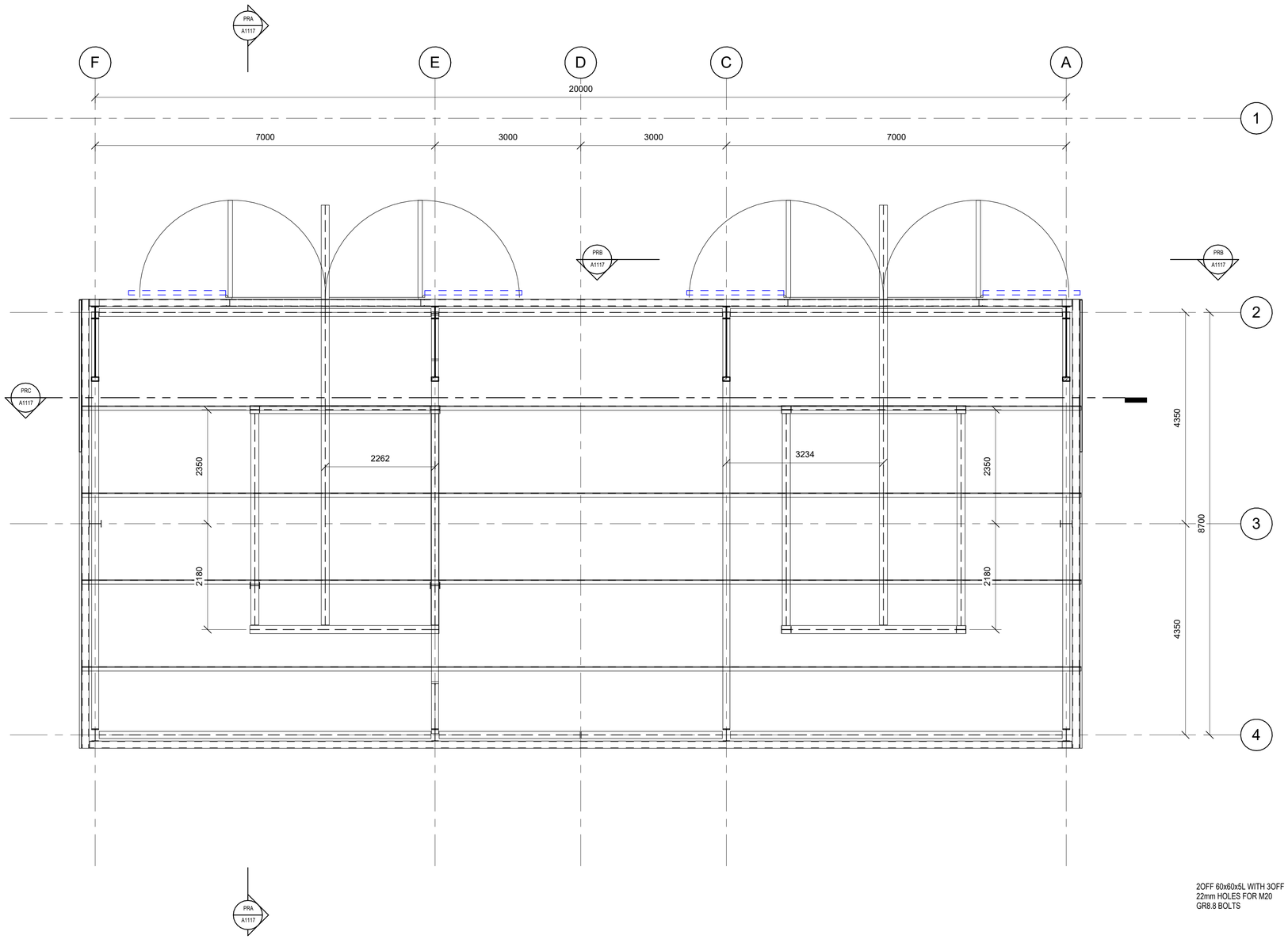
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	27/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/9/25	KO	BJ	FOR CLIENT REVIEW
C	11/11/25	KO	BJ	PUMP HOUSE REDUCED AND REPOSITIONED

TRANSNET pipelines

PROJECT NAME
HW FIRE

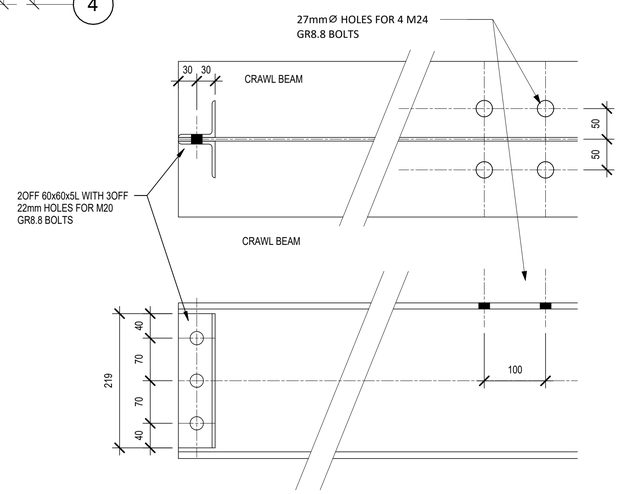
DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



CRAWL BEAM

SCALE: 1 : 50

1. ALL CRAWL BEAMS TO BE PAINTED GOLDEN YELLOW
2. ALL CRAWL BEAMS TO RECEIVE PAINTED STAMP OF SWL (SAFE WORKING LOAD) ON BOTH SIDES OF THE WEB .
3. ALL CRAWL BEAMS ARE TO BE LOAD TESTED AND CERTIFIED TO 125% OF THE SWL
4. SWL = 5Ton



CRB1 CRAWL BEAM DETAILS

SCALE: 1 : 5

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
PUMP HOUSE - STEEL LAYOUT

SCALE	CHECKED:	APPROVED:
As indicated	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1116	REV: C

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REFERENCES

DWG NUMBER	DESCRIPTION
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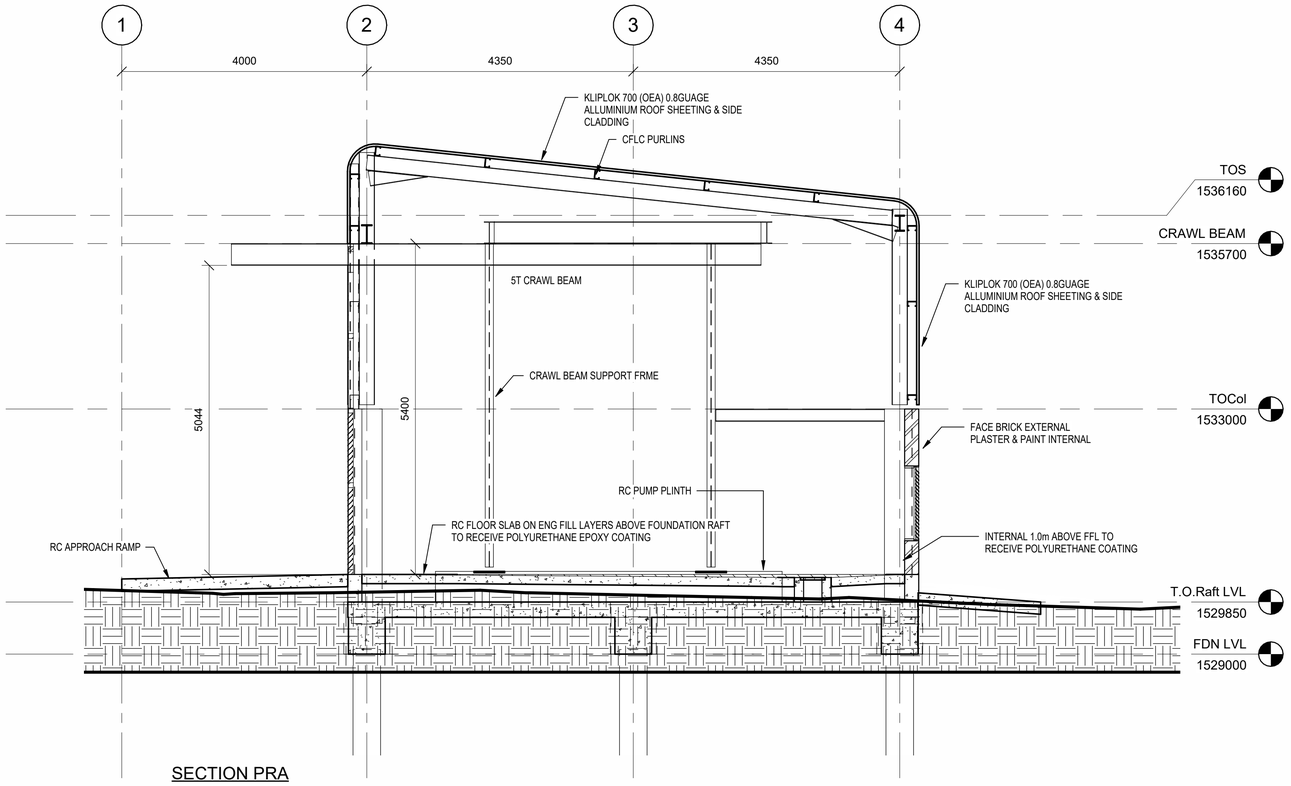
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	27/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/9/25	KO	BJ	FOR CLIENT REVIEW
C	11/11/25	KO	BJ	PUMP HOUSE REDUCED AND REPOSITIONED

TRANSNET pipelines

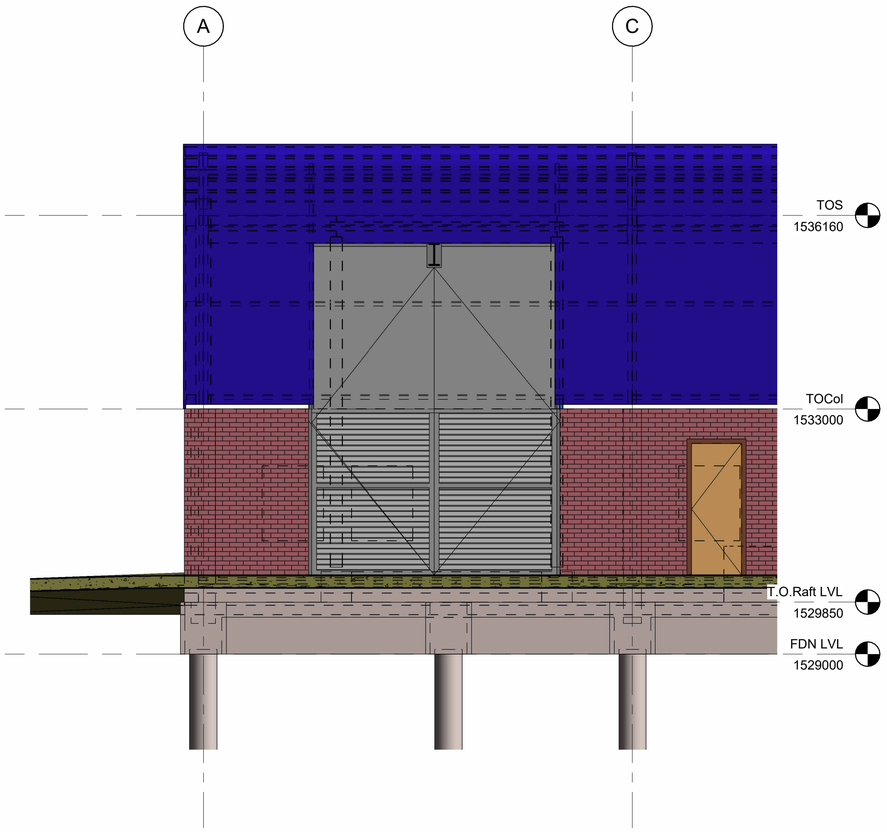
PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



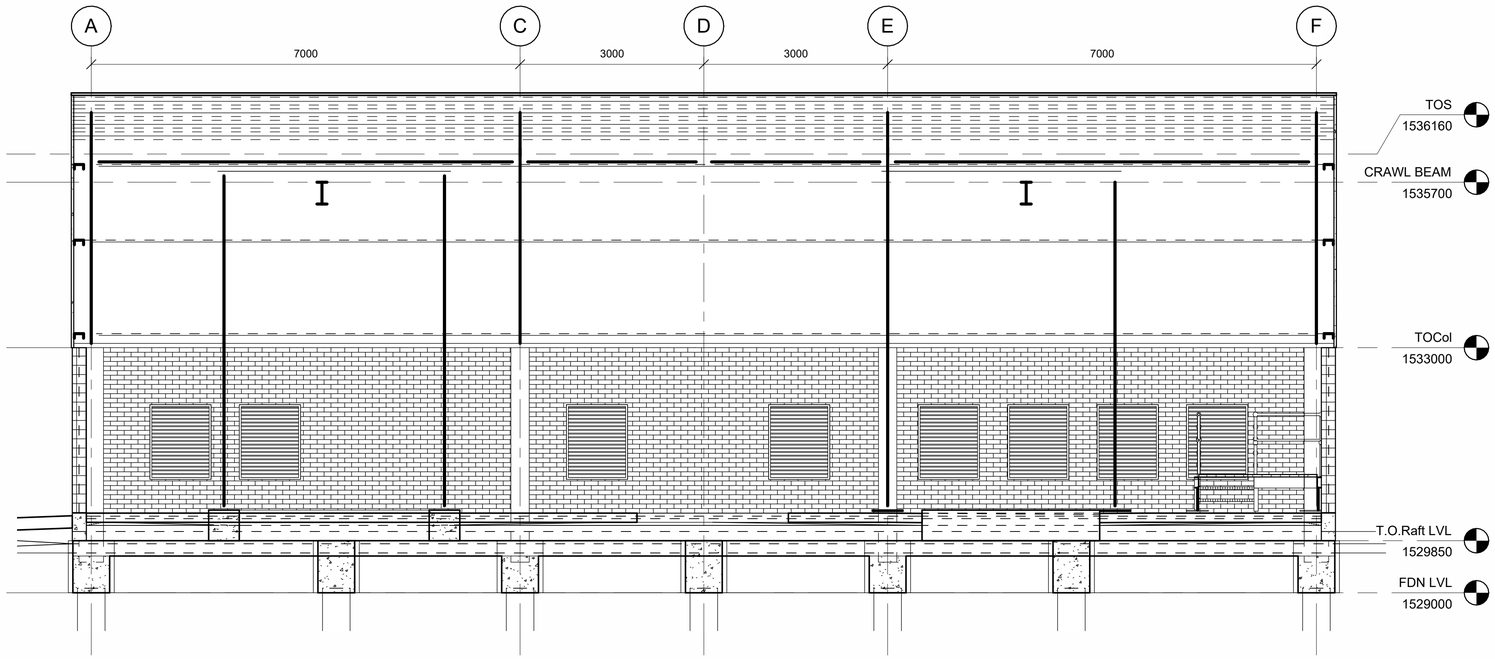
SECTION PRA

SCALE: 1 : 50



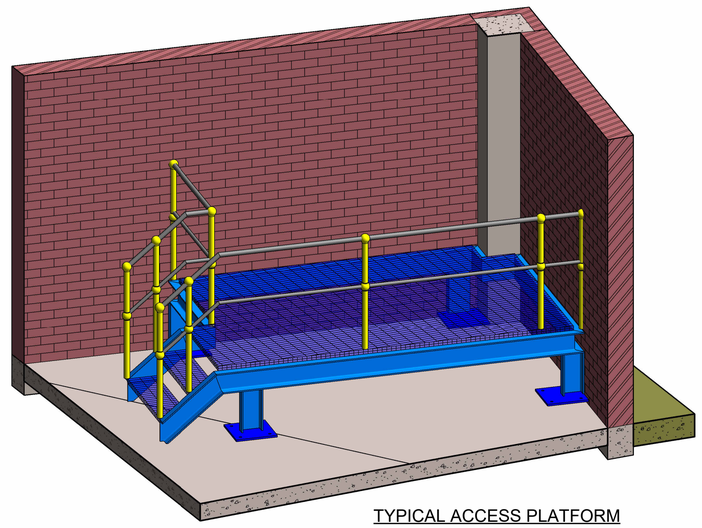
SECTION PRB

SCALE: 1 : 50



SECTION PRC

SCALE: 1 : 50



TYPICAL ACCESS PLATFORM

SCALE:

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE

DRAWING APPROVAL STATUS

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
PUMP HOUSE - TYPICAL SECTIONS

SCALE	CHECKED:	APPROVED:
1 : 50	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1117	REV: C

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REFERENCES

DWG NUMBER	DESCRIPTION
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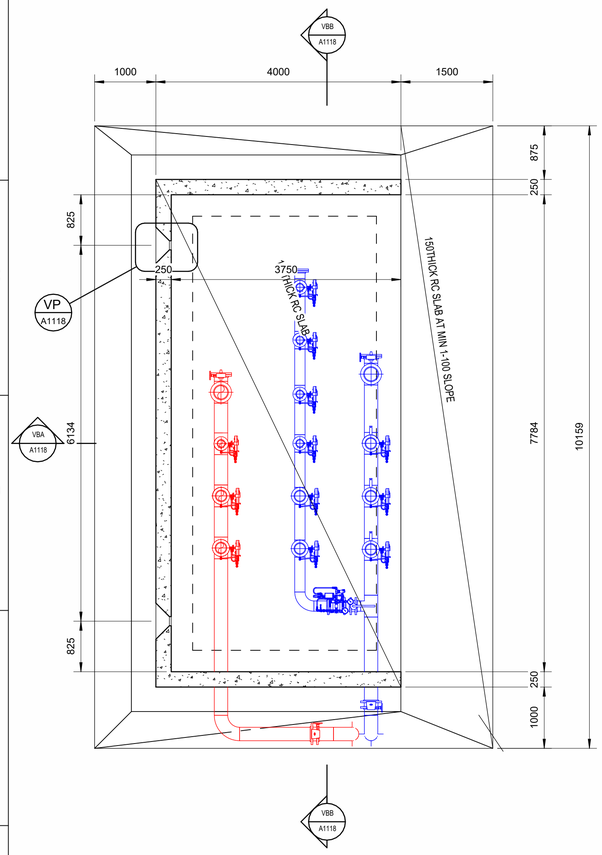
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	27/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/9/25	KO	BJ	FOR CLIENT REVIEW
C	11/11/25	KO	BJ	PUMP HOUSE REDUCED AND REPOSITIONED

TRANSNET pipelines

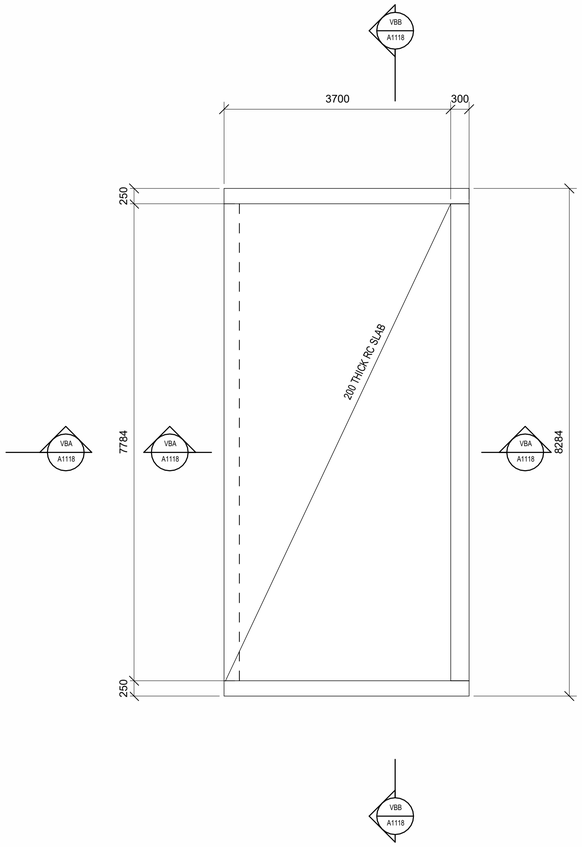
PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



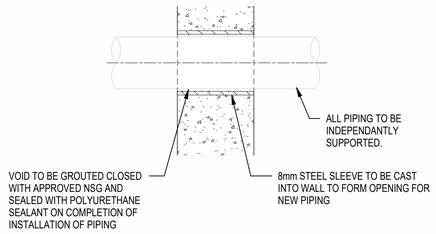
CONCRETE LAYOUT

SCALE: 1 : 50



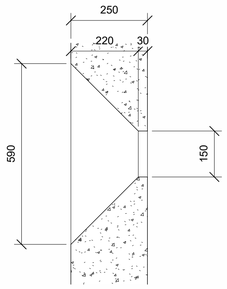
ROOF LVL

SCALE: 1 : 50



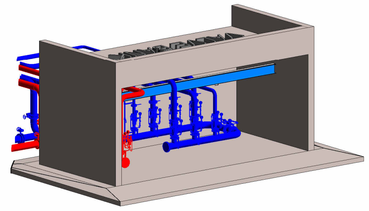
PP - PIPE PENETRATION

SCALE: 1 : 10



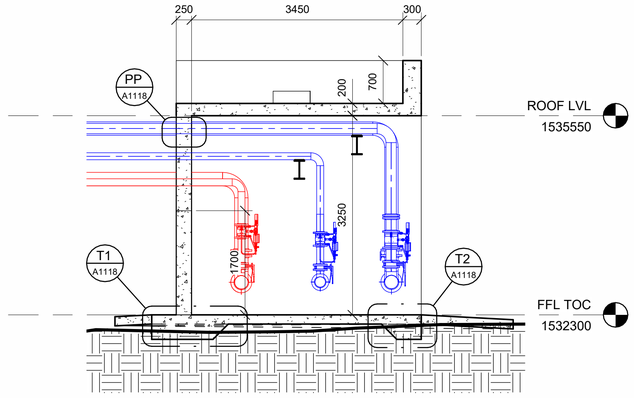
TYPICAL VIEWING PORTAL

SCALE: 1 : 10



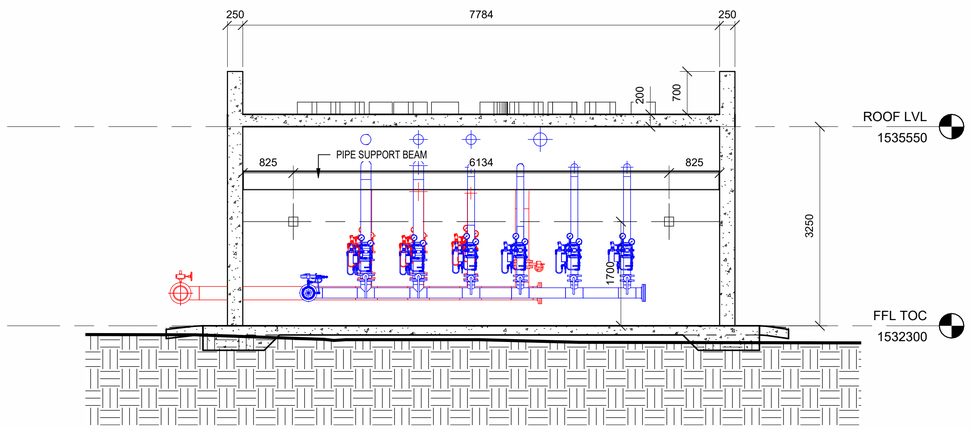
3D VIEW

SCALE:



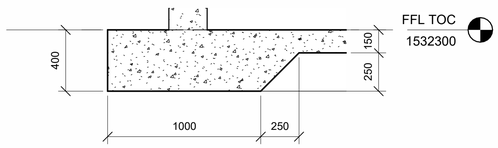
SECTION VBA

SCALE: 1 : 50



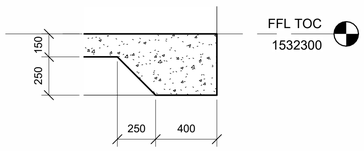
SECTION VBB

SCALE: 1 : 50



T1 - TYPICAL WALL THICKENING DETAIL

SCALE: 1 : 20



T2 - TYPICAL EDGE THICKENING

SCALE: 1 : 20

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT: TRANSNET PIPELINES WITBANK
HW FIRE

TITLE: VALVE BANK TYPICAL DETAILS

SCALE	CHECKED:	APPROVED:
As indicated	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - KO	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1118	REV: C

GREYJONES (PTY) LTD.

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REFERENCES

DWG NUMBER	DESCRIPTION
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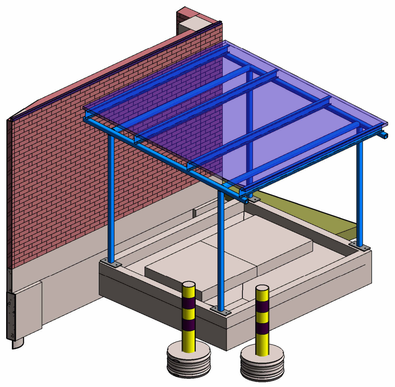
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	8/08/25	KO	BJ	FOR INTERNAL REVIEW
B	10/09/25	KO	BJ	FOR CLIENT REVIEW
C	23/01/26	KO	BJ	FOR TENDER

TRANSNET pipelines

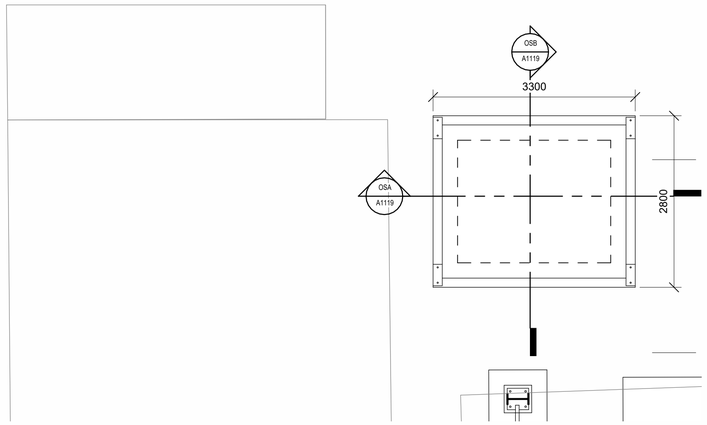
PROJECT NAME: HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



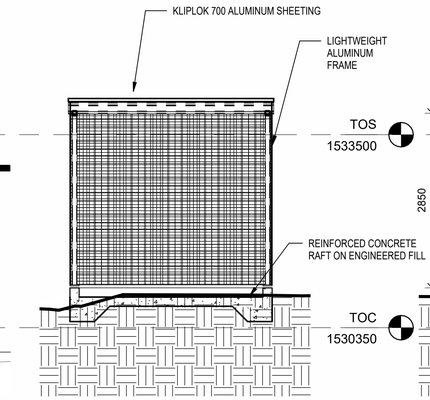
3D - DIESEL STORE

SCALE:



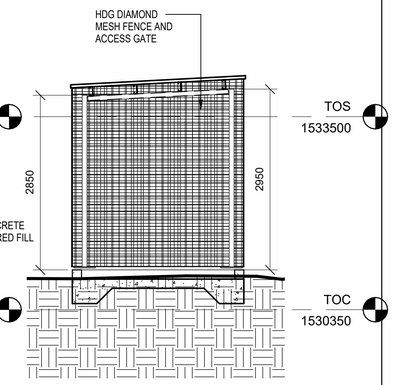
CONCRETE LAYOUT - OIL STORE

SCALE: 1 : 50



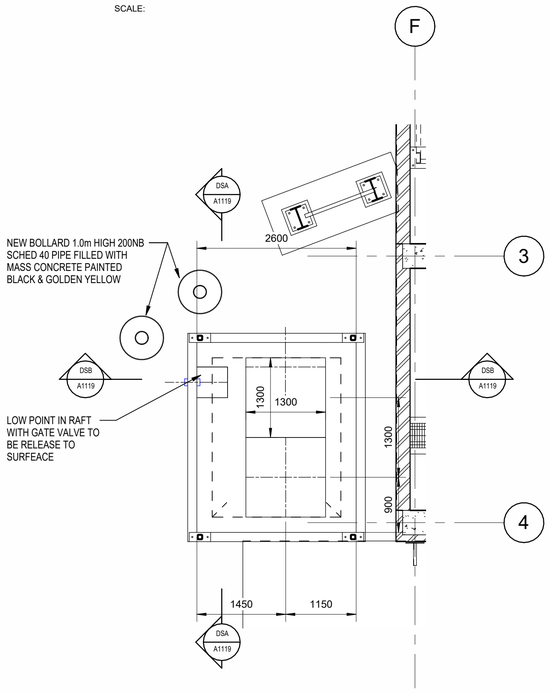
SECTION OSA

SCALE: 1 : 50



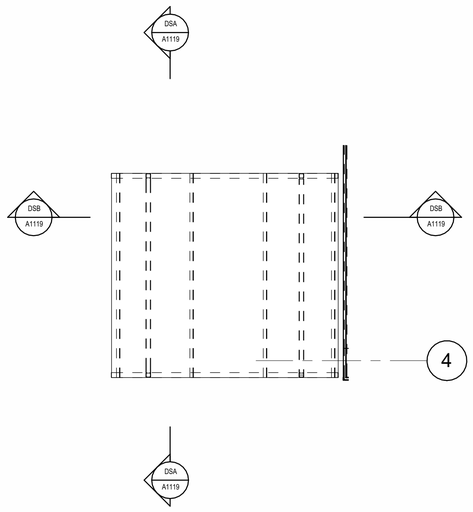
SECTION OSB

SCALE: 1 : 50



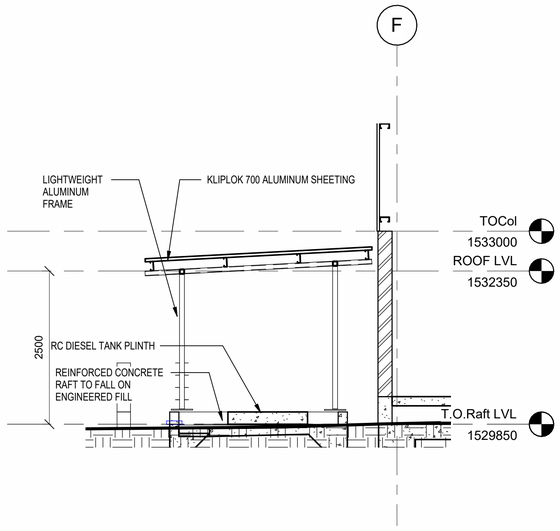
CONCRETE LAYOUT

SCALE: 1 : 50



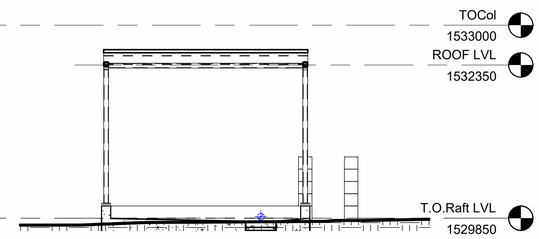
ROOF LVL

SCALE: 1 : 50



SECTION DSB

SCALE: 1 : 50



SECTION DSA

SCALE: 1 : 50

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
DIESEL & OIL STORE SHED - TYPICAL DETAILS

SCALE	CHECKED:	APPROVED:
1 : 50	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - KO	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1119	REV: B

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REFERENCES

DWG NUMBER	DESCRIPTION
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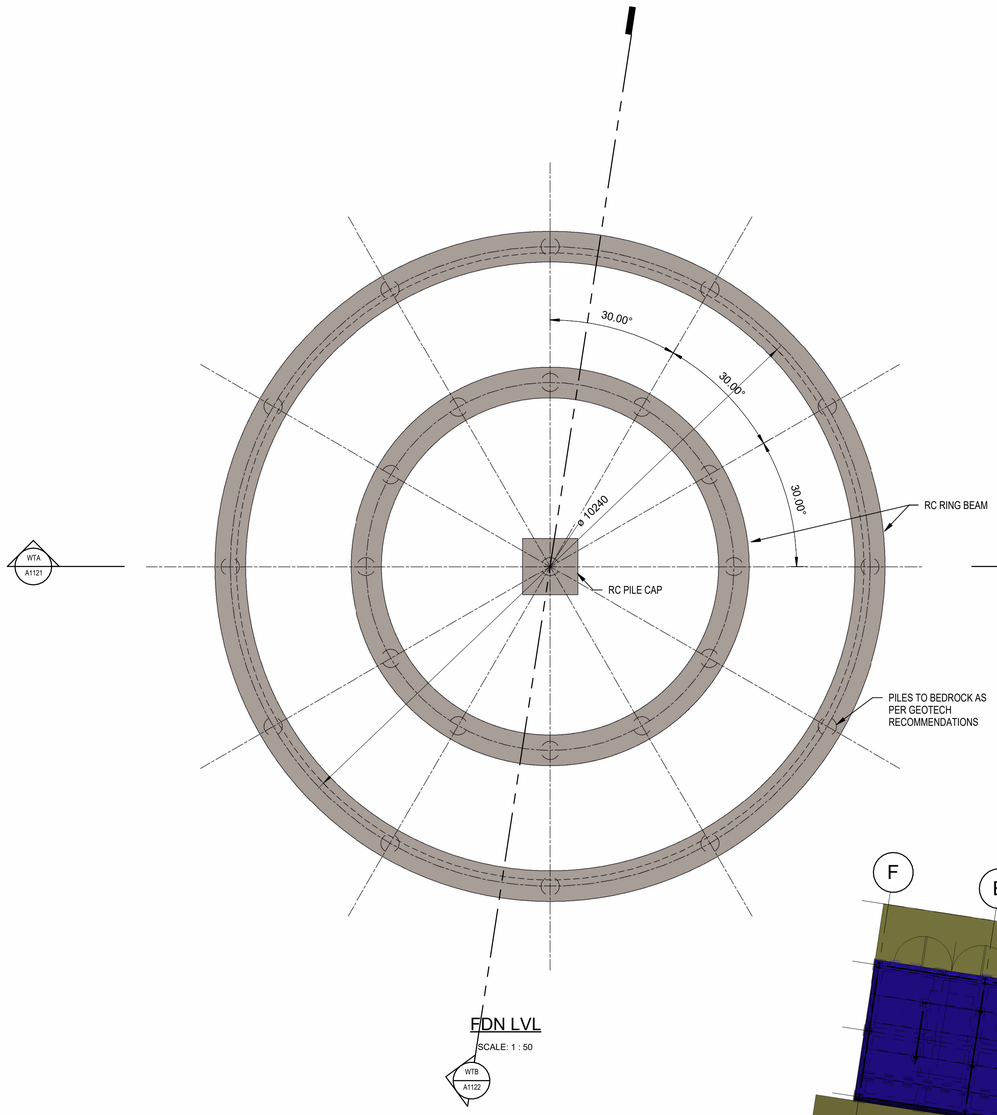
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	29/08/25	KO	BJ	FOR INTERNAL REVIEW
B	10/09/25	KO	BJ	FOR CLIENT REVIEW

TRANSNET pipelines

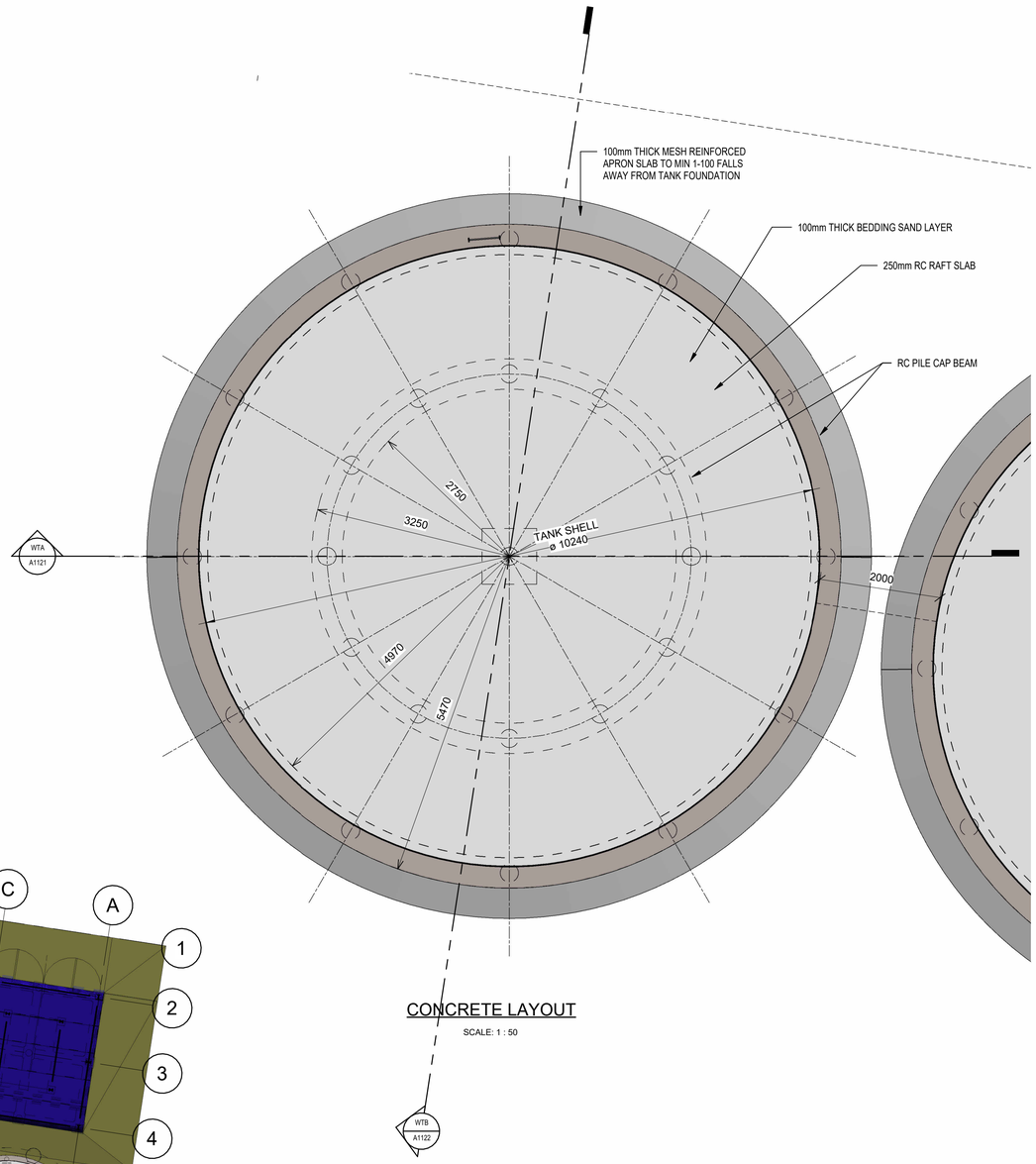
PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



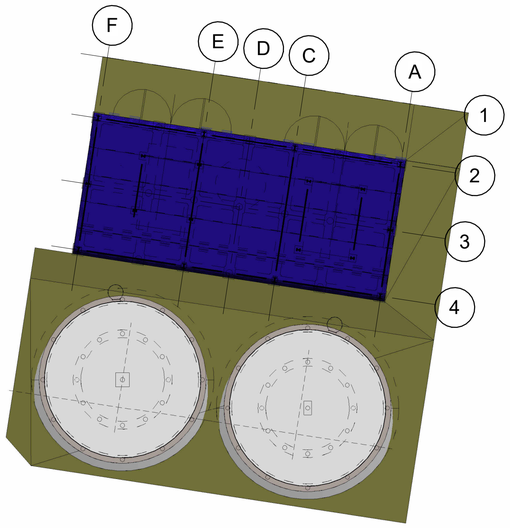
FDN LVL

SCALE: 1 : 50



CONCRETE LAYOUT

SCALE: 1 : 50



FDN LVL

SCALE: 1 : 200

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
WATER TANK - TYPICAL FOUNDATION LAYOUTS

SCALE	CHECKED:	APPROVED:
As indicated	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1120	REV: B

GREYJONES (PTY) LTD.

(031) 816 9386 admin@greyjones.co.za www.greyjones.co.za

REFERENCES

DWG NUMBER	DESCRIPTION
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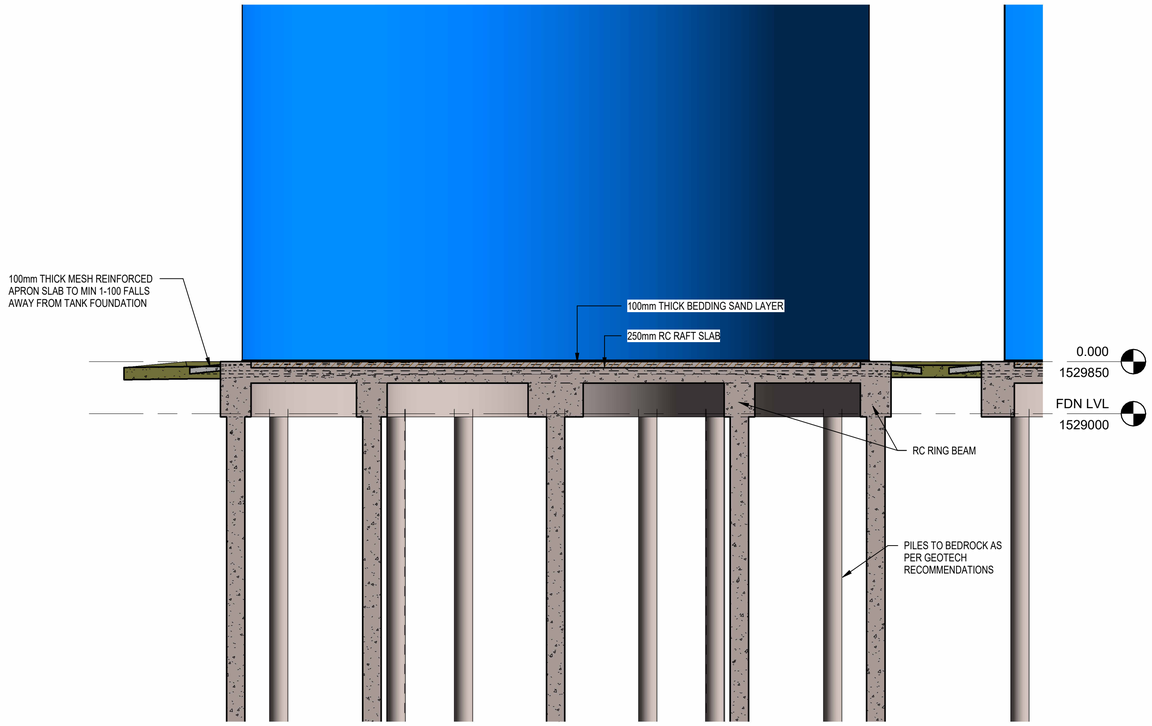
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	8/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/09/25	KO	BJ	FOR CLIENT REVIEW

TRANSNET pipelines

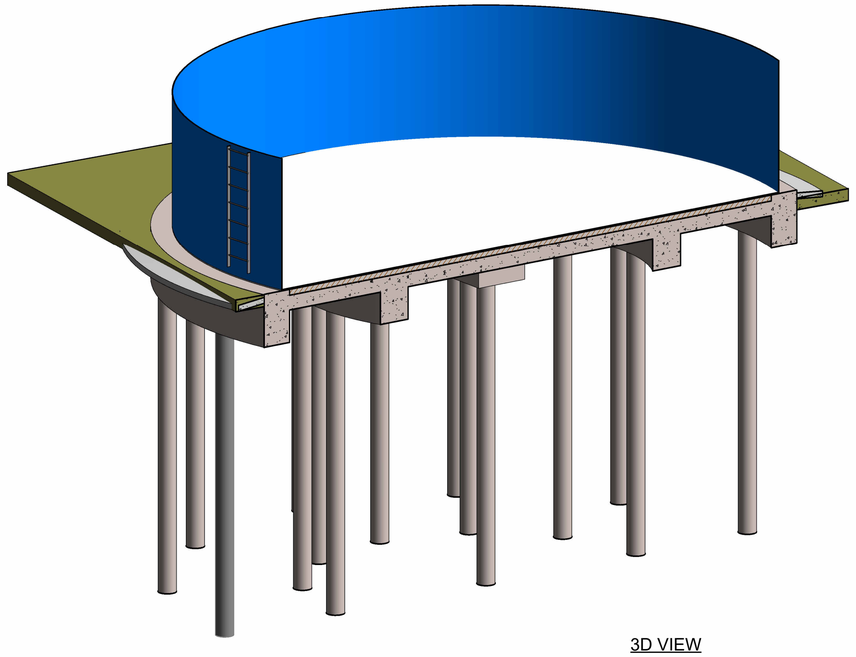
PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



SECTION WTA

SCALE: 1 : 50



3D VIEW

SCALE:

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
WATER TANK - TYPICAL SECTION & DETAILS

SCALE	CHECKED:	APPROVED:
1 : 50	KO	BJ
CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1121	REV: B

GREYJONES (PTY) LTD.

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(031) 816 9386 admin@greyjones.co.za www.greyjones.co.za

REFERENCES

DWG NUMBER	DESCRIPTION
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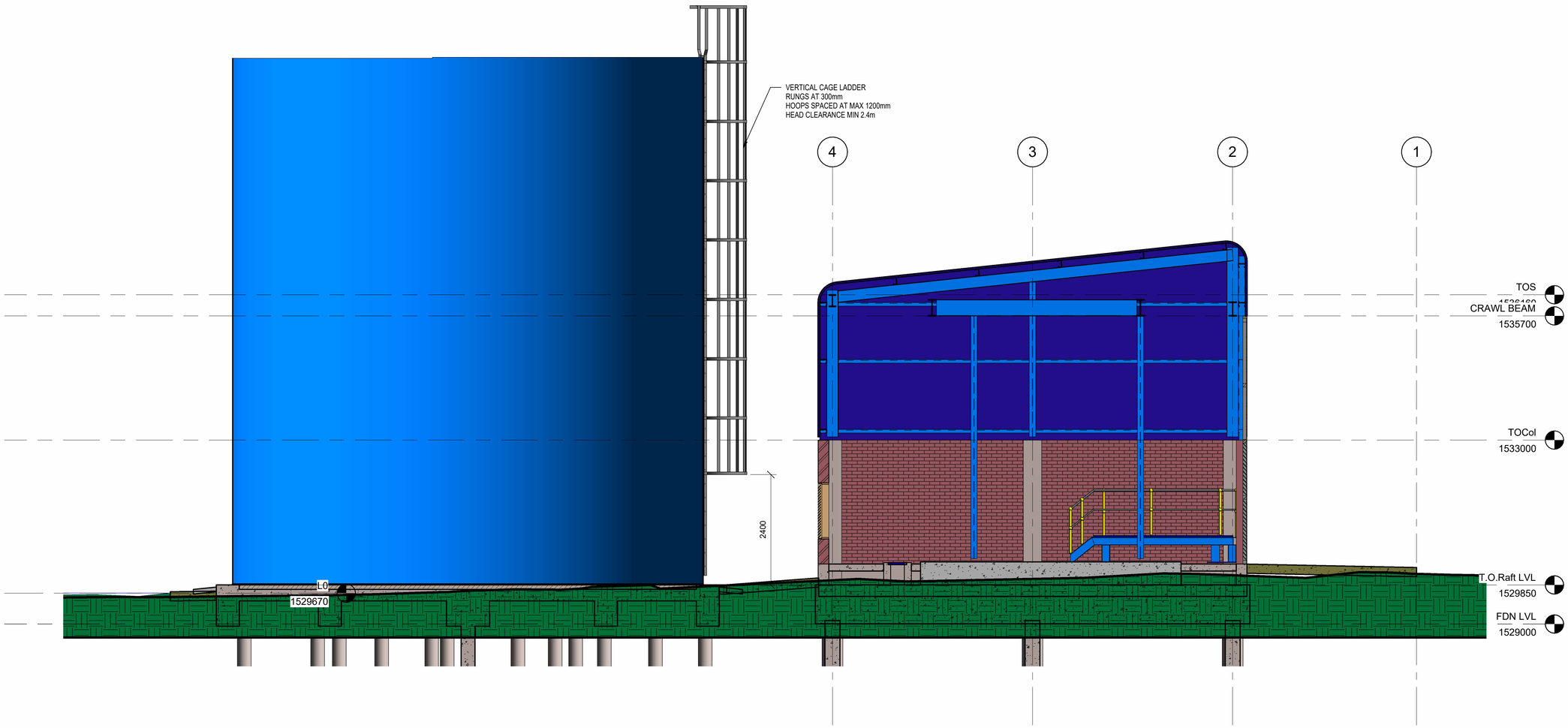
REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	8/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/09/25	KO	BJ	FOR CLIENT REVIEW

TRANSNET pipelines

PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV



SECTION WTB

SCALE: 1 : 50

DESIGNER			
RESP. ENG			
PROJ. MANAGER			
CLIENT			
ROLE	NAME	SIGN	DATE
DRAWING APPROVAL STATUS			

A1

PROJECT:
TRANSNET PIPELINES WITBANK
HW FIRE

TITLE:
WATER TANK & PUMP HOUSE SECTION

SCALE	CHECKED:	APPROVED:
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CAD FILE: HO1436-TPL_2024_09_0008_77334_RFP-FAT-0001	DESIGN-DRAWN: KO - CCAD	DATE: 2025-04-18
PROJECT No: 11364	DRAWING No: 11364-A1122	REV: B

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REFERENCES

DWG NUMBER	DESCRIPTION
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REVISIONS

REV	DATE	BY	CHK	DESCRIPTION
A	8/8/25	KO	BJ	FOR INFTERNAL REVIEW
B	10/09/25	KO	BJ	FOR CLIENT REVIEW

TRANSNET pipelines

PROJECT NAME
HW FIRE

DRAWN		REF.	
TRACED		DATE	
CHECKED		APPROVED	
SCALE			
TPL DRAWING No.			REV