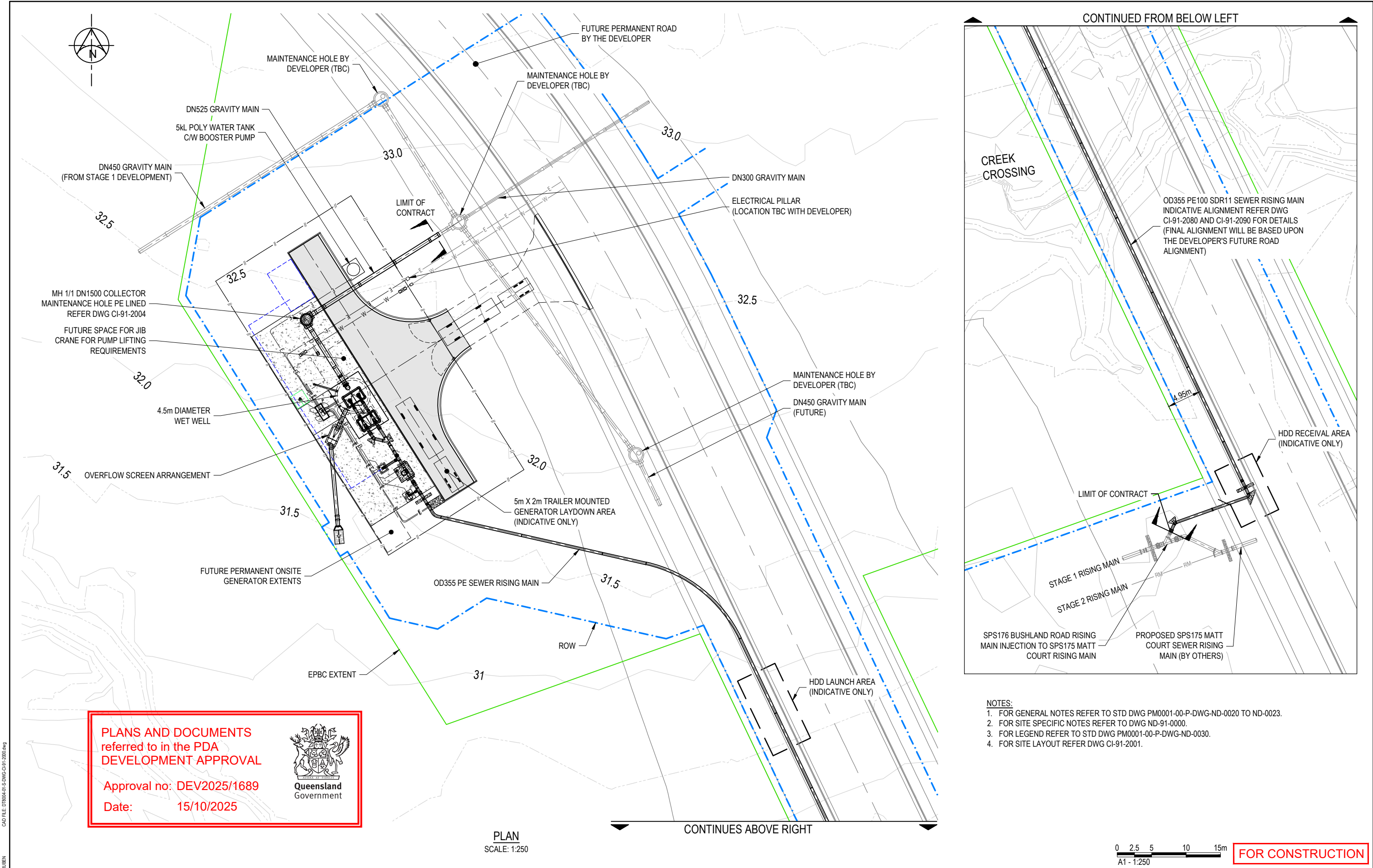
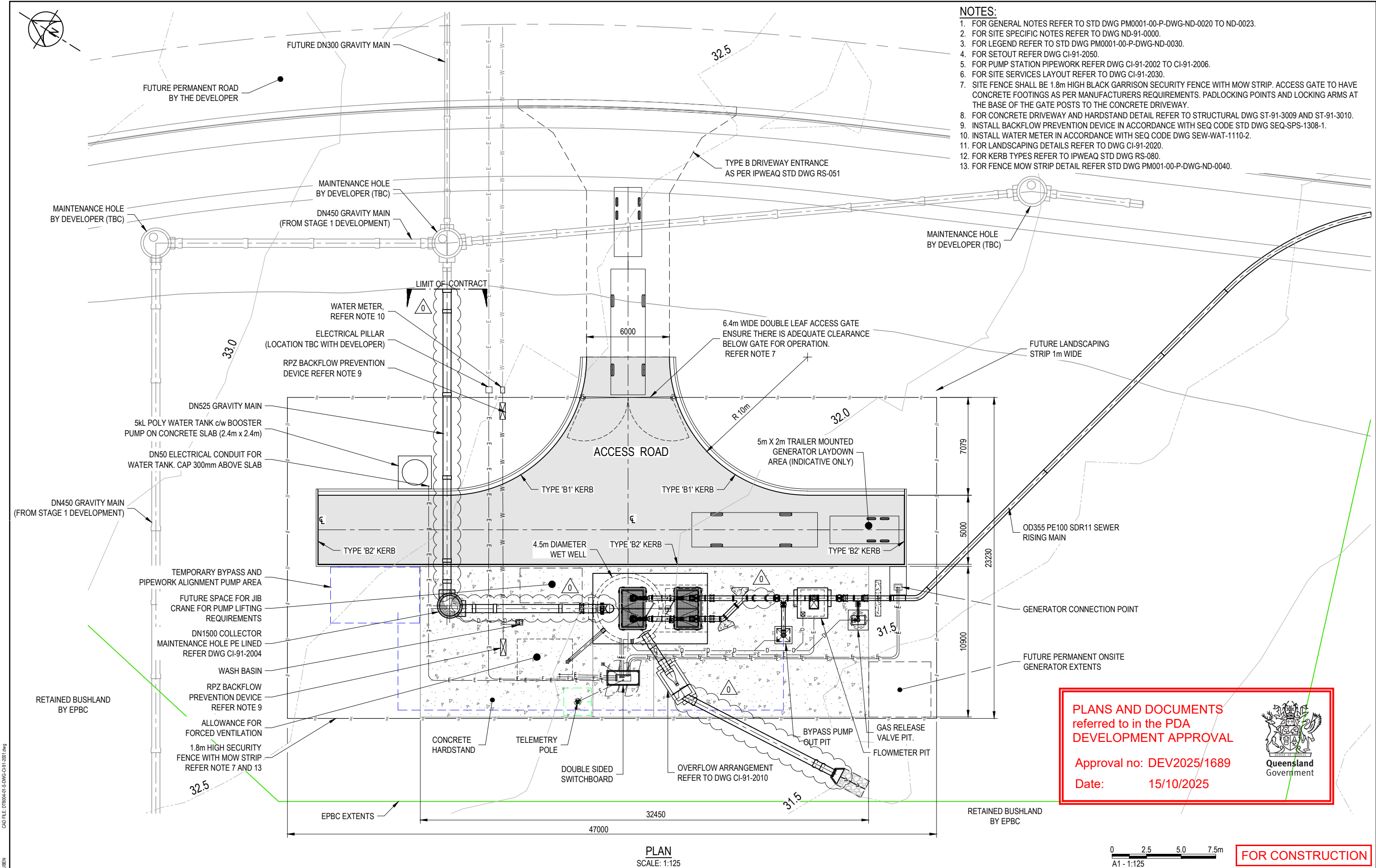




AMAYA

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<



- NOTES:
1. FOR GENERAL NOTES REFER TO STD DWG PM0001-00-P-DWG-ND-0020 TO ND-0023.
 2. FOR SITE SPECIFIC NOTES REFER TO DWG ND-91-0000.
 3. FOR LEGEND REFER TO STD DWG PM0001-00-P-DWG-ND-0030.
 4. FOR SETOUT REFER DWG CI-91-2050.
 5. FOR PUMP STATION PIPEWORK REFER DWG CI-91-2002 TO CI-91-2006.
 6. FOR SITE SERVICES LAYOUT REFER TO DWG CI-91-2030.
 7. SITE FENCE SHALL BE 1.8m HIGH BLACK GARRISON SECURITY FENCE WITH MOW STRIP. ACCESS GATE TO HAVE CONCRETE FOOTINGS AS PER MANUFACTURERS REQUIREMENTS. PADLOCKING POINTS AND LOCKING ARMS AT THE BASE OF THE GATE POSTS TO THE CONCRETE DRIVEWAY.
 8. FOR CONCRETE DRIVEWAY AND HARDSTAND DETAIL REFER TO STRUCTURAL DWG ST-91-3009 AND ST-91-3010.
 9. INSTALL BACKFLOW PREVENTION DEVICE IN ACCORDANCE WITH SEQ CODE STD DWG SEQ-SPS-1308-1.
 10. INSTALL WATER METER IN ACCORDANCE WITH SEQ CODE DWG SEW-WAT-1110-2.
 11. FOR LANDSCAPING DETAILS REFER TO DWG CI-91-2020.
 12. FOR KERB TYPES REFER TO IPWEAQ STD DWG RS-080.
 13. FOR FENCE MOW STRIP DETAIL REFER STD DWG PM001-00-P-DWG-ND-0040.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2025/1689

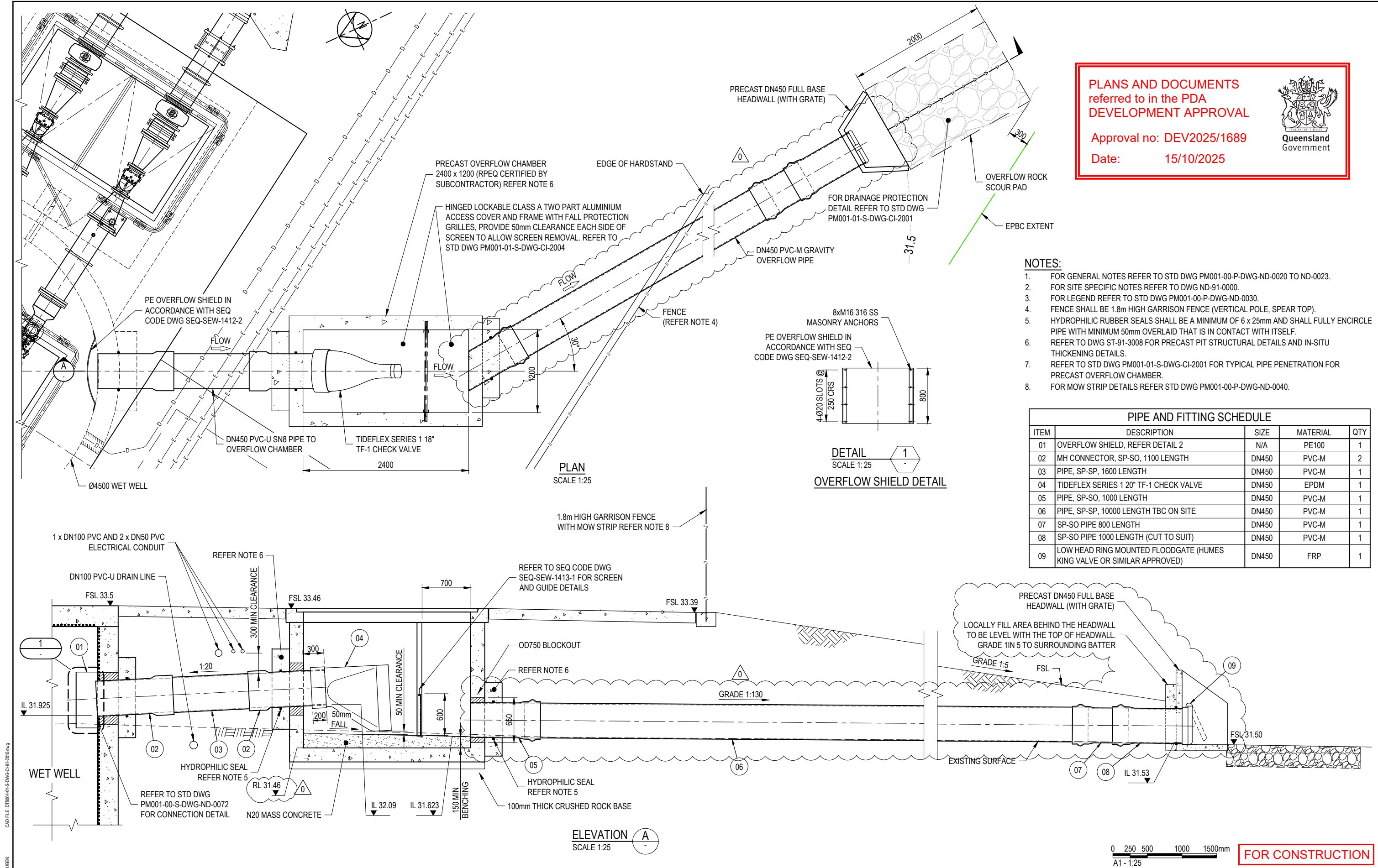
Date: 15/10/2025

Queensland Government

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0	FOR CONSTRUCTION	TT	ZK	SD	22/07/2024	DESIGNED BY Z. KADEN		DESIGN CHECKED BY S. DICKER	
C	FOR TENDER	TT	ZK	SD	14/05/2024	DRAFTED BY R. AMAYA		DRAFTING CHECKED BY F. JESPERSEN	
B	FOR 85% POAR WORKSHOP	RA	BS		6/02/2023	RPEQ APPROVED BY S. DICKER		RPEQ 18473 DATE 22/07/2024	
A	FOR 50% POAR WORKSHOP	RA	BS		05/12/2023	DESIGN MANAGER Z. KADEN		DATE 22/07/2024	
REV. No.	DESCRIPTION	DRAWN	DESIGNER	APPR.	DATE			REFERENCES PROJECT No. DT8004-01 LW FACILITY ID SPS176 SHEET SIZE A1 DO NOT SCALE DATUM : AHD GDA2020 ZONE 56	



PROJECT: SPS176 BUSHLAND RD WW PUMP STATION AND CONVEYANCE	
DRAWING TITLE: SPS176 BUSHLAND RD WW PUMP STATION SITE LAYOUT, GENERAL ARRANGEMENT	
PROJECT DRAWING No. DT8004-01-S-DWG-CI-91-2001	
DESIGN COMPANY. LOGAN WATER	REV. 0
ALTERNATE DRAWING NUMBER.	



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

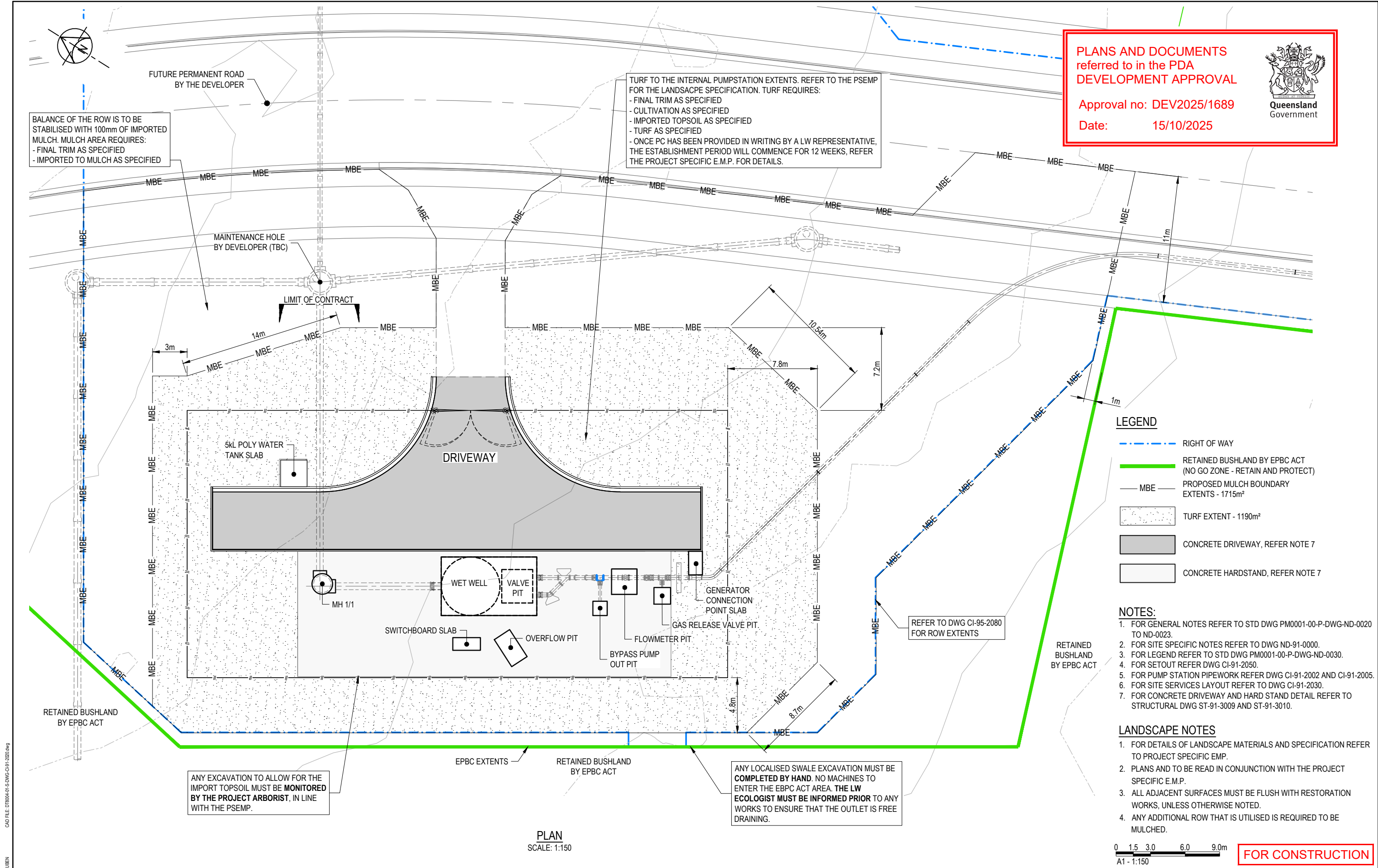
Approval no: DEV2025/1689
Date: 15/10/2025

Queensland
Government

- NOTES:
- FOR GENERAL NOTES REFER TO STD DWG PM001-00-P-DWG-ND-0020 TO ND-0023.
 - FOR SITE SPECIFIC NOTES REFER TO DWG ND-91-0000.
 - FOR LEGEND REFER TO STD DWG PM001-00-P-DWG-ND-0030.
 - FENCE SHALL BE 1.8m HIGH GARRISON FENCE (VERTICAL POLE, SPEAR TOP).
 - HYDROPHILIC RUBBER SEALS SHALL BE A MINIMUM OF 6 x 25mm AND SHALL FULLY ENCIRCLE PIPE WITH MINIMUM 50mm OVERLAP THAT IS IN CONTACT WITH ITSELF.
 - REFER TO DWG ST-91-3008 FOR PRECAST PIT STRUCTURAL DETAILS AND IN-SITU THICKENING DETAILS.
 - REFER TO STD DWG PM001-01-S-DWG-CI-2001 FOR TYPICAL PIPE PENETRATION FOR PRECAST OVERFLOW CHAMBER.
 - FOR MOW STRIP DETAILS REFER STD DWG PM001-00-P-DWG-ND-0040.

PIPE AND FITTING SCHEDULE				
ITEM	DESCRIPTION	SIZE	MATERIAL	QTY
01	OVERFLOW SHIELD, REFER DETAIL 2	N/A	PE100	1
02	MH CONNECTOR, SP-SO, 1100 LENGTH	DN450	PVC-M	2
03	PIPE, SP-SP, 1600 LENGTH	DN450	PVC-M	1
04	TIDEFLEX SERIES 1 20" TF-1 CHECK VALVE	DN450	EPDM	1
05	PIPE, SP-SO, 1000 LENGTH	DN450	PVC-M	1
06	PIPE, SP-SP, 10000 LENGTH TBC ON SITE	DN450	PVC-M	1
07	SP-SO PIPE 800 LENGTH	DN450	PVC-M	1
08	SP-SO PIPE 1000 LENGTH (CUT TO SUIT)	DN450	PVC-M	1
09	LOW HEAD RING MOUNTED FLOODGATE (HUMES KING VALVE OR SIMILAR APPROVED)	DN450	FRP	1

CAD FILE: DT8004-01-S-DWG-CI-91-2010.dwg
AMAYA RUBEN
DATE PLOTTED: 22 July, 2024 - 11:29am



DATE PLOTTED: 19 July 2024 - 3:59pm
CAD FILE: DT8004-01-S-DWG-CI-91-2020.dwg
AMAYA RUBEN

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0	FOR CONSTRUCTION	TT	ZK	SD	22/07/2024
B	REISSUE FOR TENDER	TT	ZK	SD	15/05/2024
A	FOR TENDER	TT	ZK	SD	14/05/2024
REV. No.	DESCRIPTION	DRAWN	DESIGNER	APPR.	DATE

DESIGNED BY Z. KADEN	DESIGN CHECKED BY S. DICKER	REFERENCES PROJECT No. DT8004-01
DRAFTED BY T. TEIXEIRA	DRAFTING CHECKED BY F. JESPERSEN	LW FACILITY ID SPS176
RPEQ APPROVED BY <i>S. Dicker</i>	RPEQ 18473	SHEET SIZE A1
S. DICKER	DATE 22/07/2024	DO NOT SCALE DATUM : AHD
DESIGN MANAGER Z. KADEN	DATE 22/07/2024	GDA2020 ZONE 56



PROJECT: SPS176 BUSHLAND RD WW PUMP STATION AND CONVEYANCE	PROJECT DRAWING No. DT8004-01-S-DWG-CI-91-2020
DRAWING TITLE: SPS176 BUSHLAND RD WW PUMP STATION PAVEMENT DESIGN AND LANDSCAPING	DESIGN COMPANY: LOGAN WATER
	ALTERNATE DRAWING NUMBER: 0

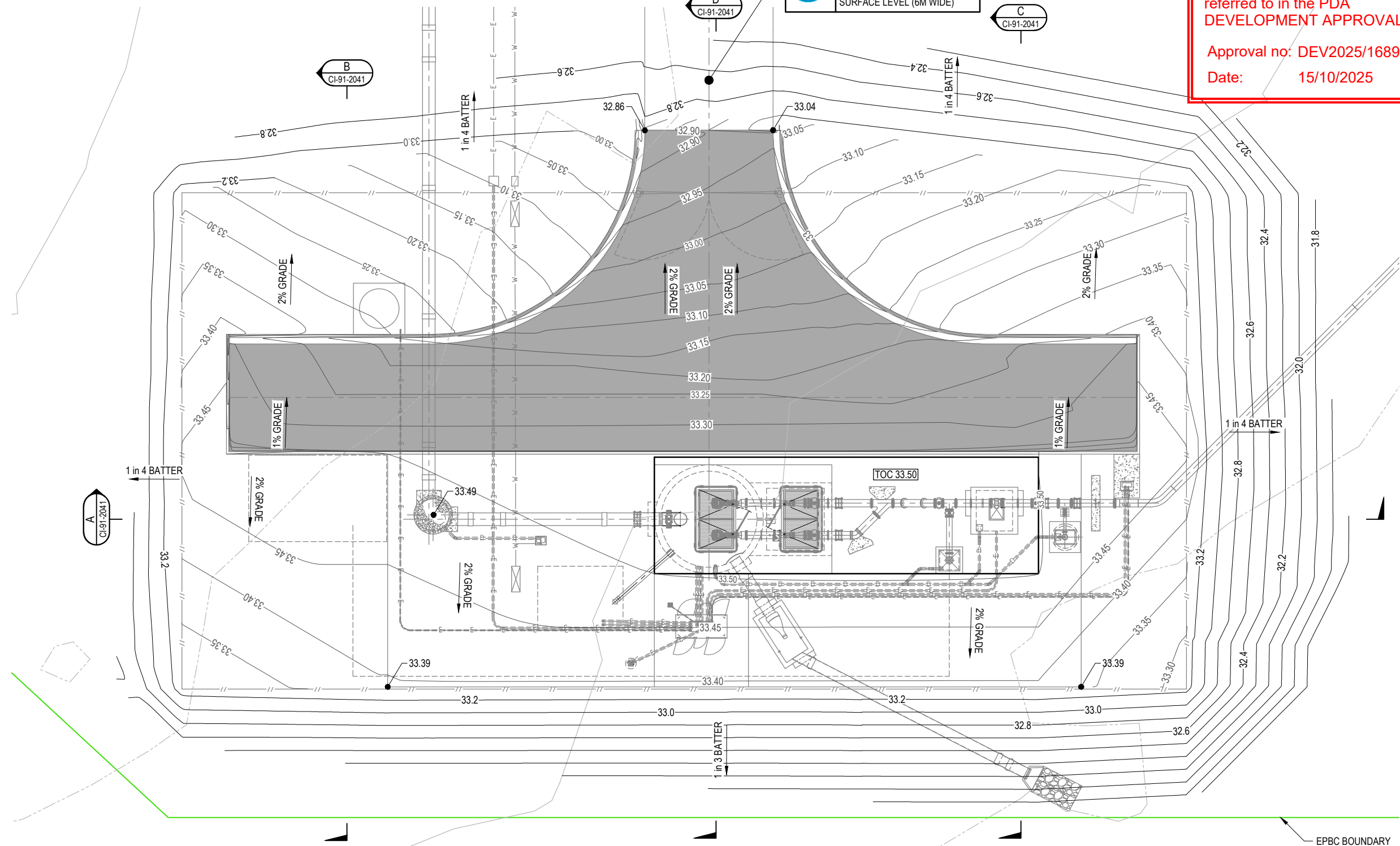


BATTER IS TO BE GRADED MAX.
10% FROM EDGE ON CONCRETE
ACCESS ROAD TO EXISTING
SURFACE LEVEL (6M WIDE)

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2025/1689

Date: 15/10/2025



PLAN
SCALE 1:100

NOTE:
EARTHWORK VOLUMES ARE CALCULATED
FROM ESTIMATED EXISTING SURFACE TO
FINISHED SURFACE.

VOLUMES	
ACCESS ROAD:	
TOTAL CUT	0m³
TOTAL FILL	1736m³
TOTAL BALANCE	1736m³
STRIP VOLUME (200mm)	430m³
CONCRETE	111m³

- NOTES:**
- FOR GENERAL NOTES REFER TO STD DWG PM001-00-P-DWG-ND-0020 TO ND-0023.
 - FOR SITE SPECIFIC NOTES REFER TO DWG ND-91-0000.

0 1000 2000 4000 6000mm
A1 - 1:100

FOR CONSTRUCTION

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REV. No.	DESCRIPTION	DRAWN	DESIGNER	APPR.	DATE
0	FOR CONSTRUCTION	TT	ZK	SD	22/07/2024
A	FOR TENDER	LC	ZK	SD	14/05/2024

DESIGNED BY Z. KADEN	DESIGN CHECKED BY S. DICKER
DRAFTED BY L. CHRISTIE	DRAFTING CHECKED BY F. JESPERSEN
RPEQ APPROVED BY 	RPEQ 18473 DATE 22/07/2024
DESIGN MANAGER Z. KADEN	DATE 22/07/2024

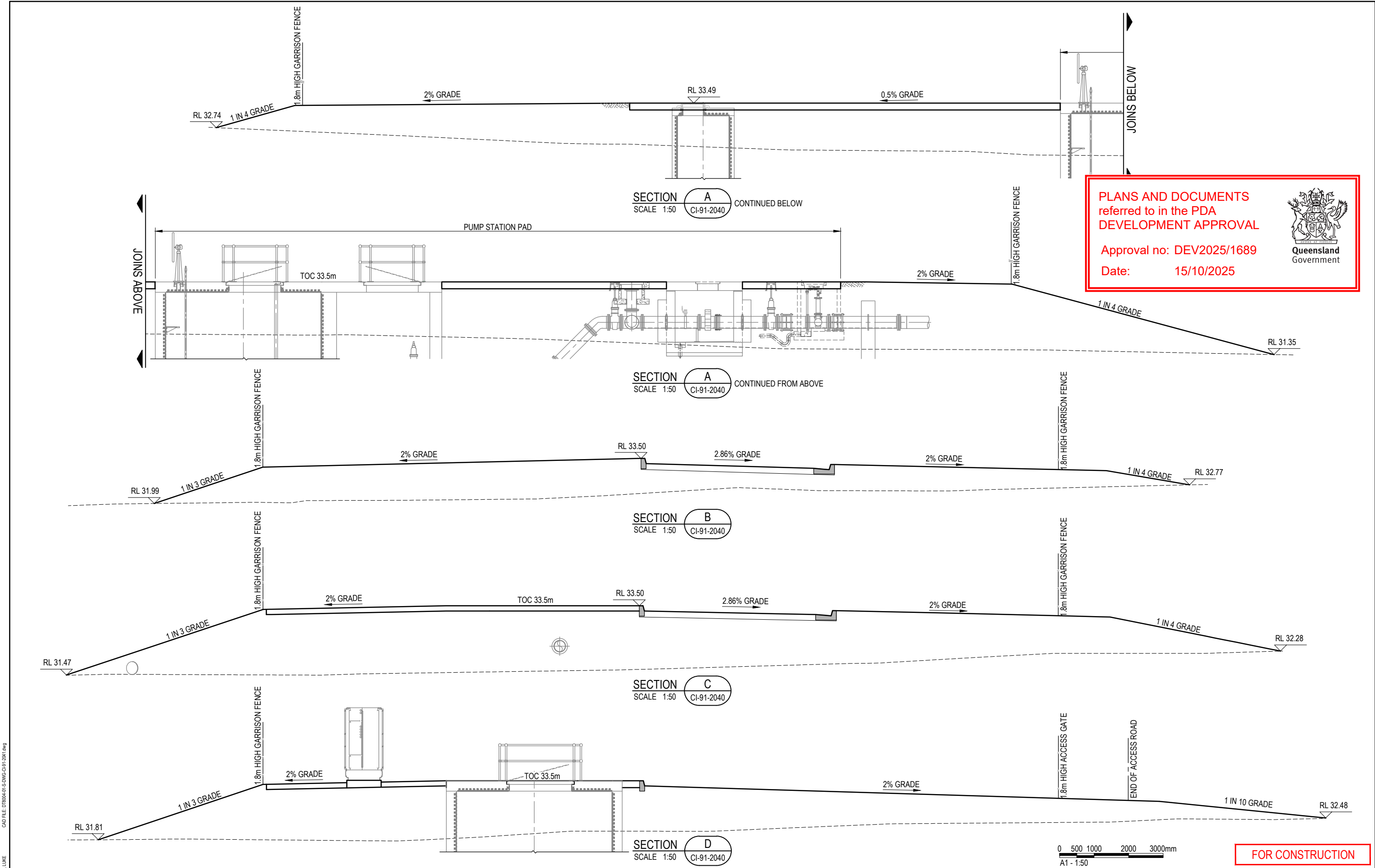
REFERENCES
PROJECT No. DT8004-01
LW FACILITY ID SPS176
SHEET SIZE A1
DO NOT SCALE DATUM : AHD GDA2020 ZONE 56



PROJECT: SPS176 BUSHLAND RD WW PUMP STATION AND CONVEYANCE

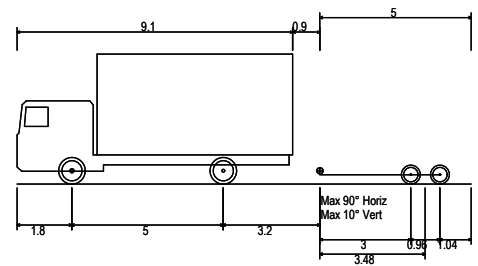
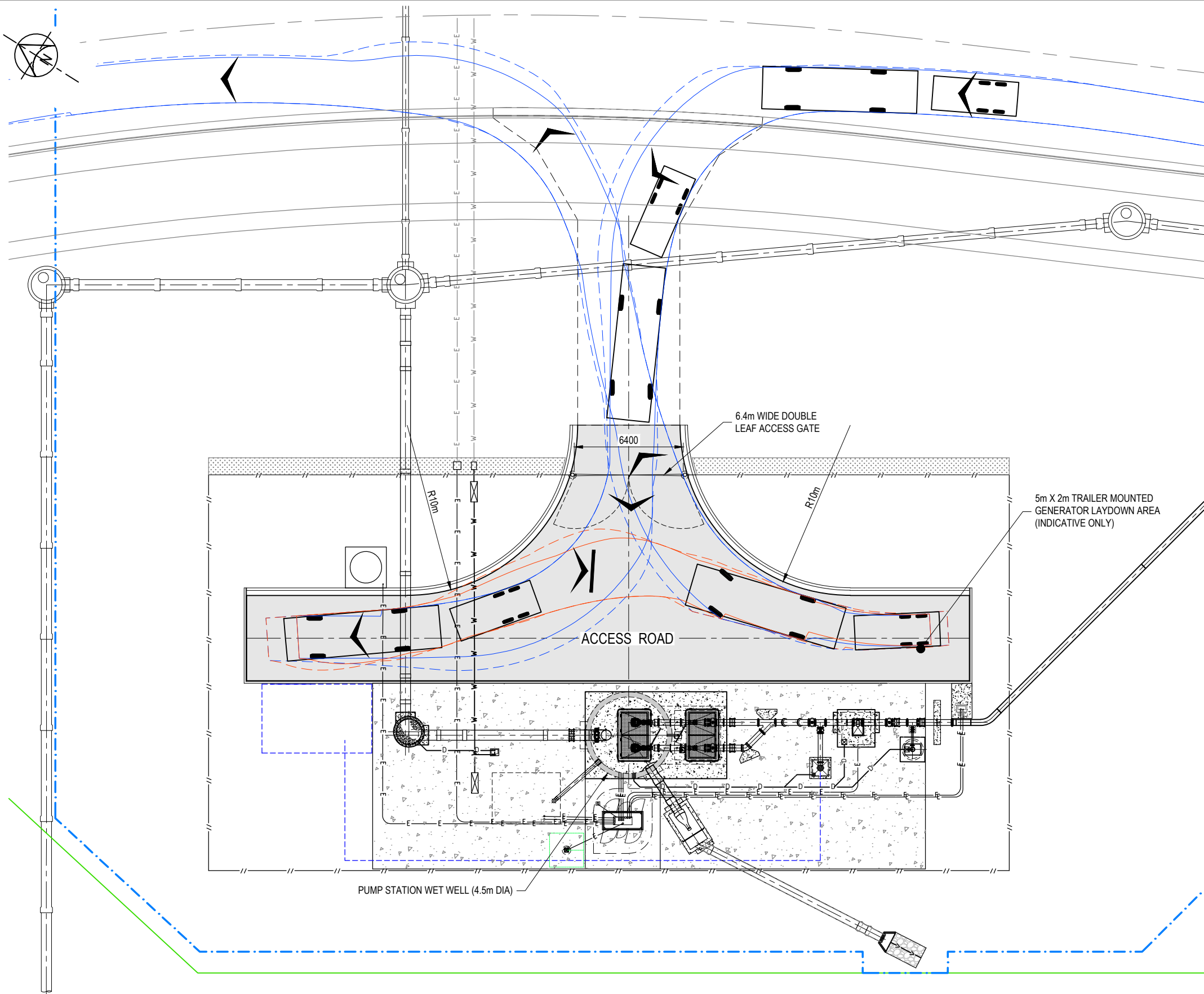
DRAWING TITLE:
SPS176 BUSHLAND RD WW PUMP STATION
SITE EARTHWORKS PLAN

PROJECT DRAWING No. DT8004-01-S-DWG-CI-91-2040	REV. 0
DESIGN COMPANY. LOGAN WATER	ALTERNATE DRAWING NUMBER.

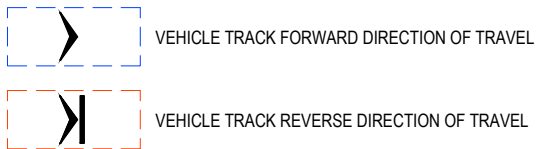


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DATE PLOTTED: 22 July 2024 - 4:17pm
CHRISTIE, LUKE
CAD FILE: DT8004-01-S-DWG-CI-91-2041.dwg



SERVICE VEHICLE (9.1 M) WITH 5X2 TRAILER
OVERALL LENGTH 15.000m
OVERALL WIDTH 2.500m
OVERALL BODY HEIGHT 4.300m
MIN BODY GROUND CLEARANCE 0.315m
MAX TRACK WIDTH 2.500m
LOCK-TO-LOCK TIME 4.00s
CURB TO CURB TURNING RADIUS 12.500m



- NOTES:
- FOR GENERAL NOTES REFER TO STD DWG PM001-00-P-DWG-ND-0020 TO ND-0023.
 - FOR SITE SPECIFIC NOTES REFER TO DWG ND-91-0000.
 - FOR LEGEND REFER STD DWG PM001-00-P-DWG-ND-0030.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2025/1689
Date: 15/10/2025



VEHICLE PATH
SCALE: 1:125



FOR INFORMATION

CAD FILE: DT8004-01-S-DWG-CI-91-2070.dwg
DATE PLOTTED: 18 July, 2024 - 5:01pm
TEXT: TEX

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0	FOR CONSTRUCTION	TT	ZK	SD	19/07/2024
B	FOR INFORMATION	TT	ZK		14/05/2024
A	FOR 85% POAR WORKSHOP	RA	BS		6/02/2023
REV. No.	DESCRIPTION	DRAWN	DESIGNER	APPR.	DATE

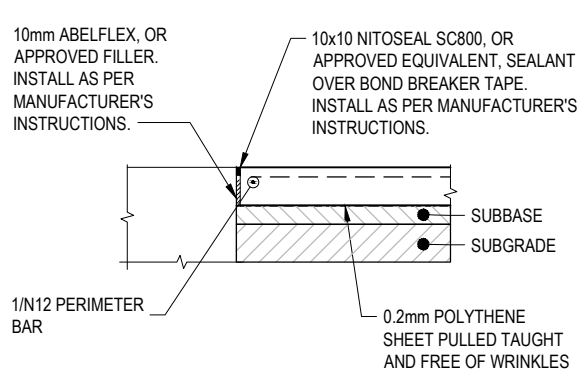
DESIGNED BY Z. KADEN	DESIGN CHECKED BY S. DICKER
DRAFTED BY R. AMAYA	DRAFTING CHECKED BY F. JESPERSEN
RPEQ APPROVED BY <i>S. Dicker</i>	RPEQ 18473 DATE 19/07/2024
DESIGN MANAGER Z. KADEN	DATE 19/07/2024

REFERENCES PROJECT No. DT8004-01
LW FACILITY ID SPS176
SHEET SIZE A1
DO NOT SCALE DATUM : AHD GDA2020 ZONE 56

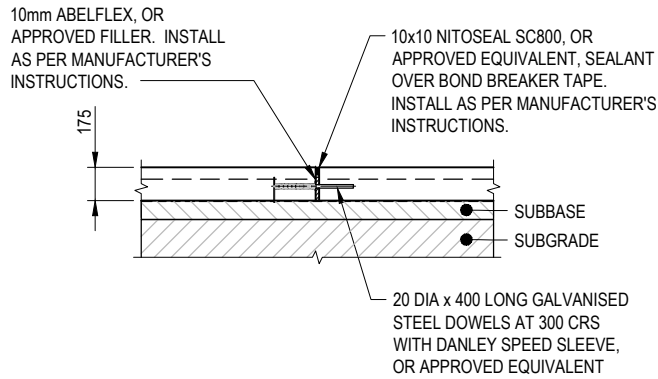


PROJECT: SPS176 BUSHLAND RD WW PUMP STATION AND CONVEYANCE	
DRAWING TITLE: SPS176 BUSHLAND RD WW PUMP STATION GENERAL ARRANGEMENT DRIVEWAY TURNING PATHS	PROJECT DRAWING No. DT8004-01-S-DWG-CI-91-2070 DESIGN COMPANY: LOGAN WATER ALTERNATE DRAWING NUMBER: REV. 0

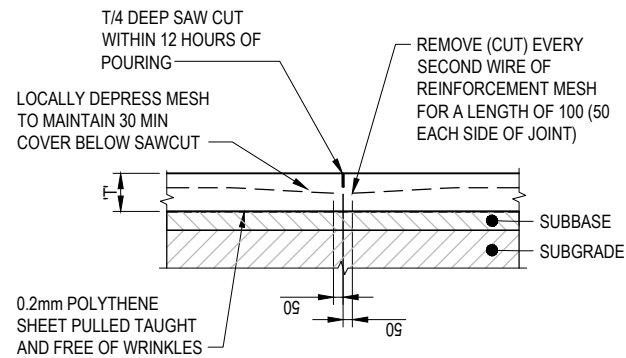
NOTES:
1. REFER TO NOTES ON DWG ST-91-3009.



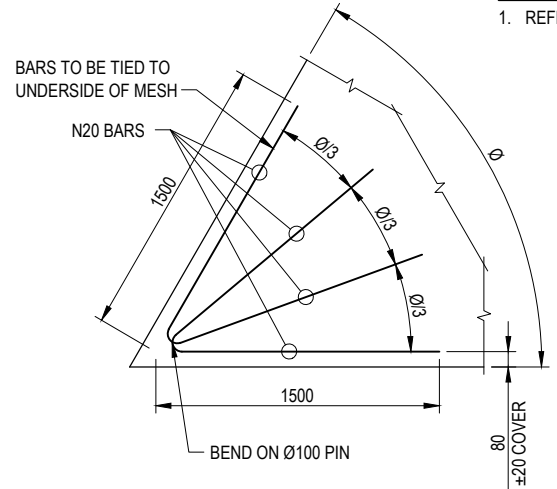
ISOLATION JOINT (I.J.)
SCALE 1:20



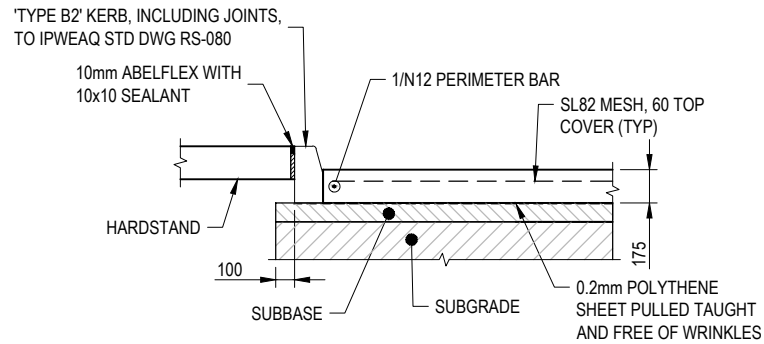
DOWELLED EXPANSION JOINT (D.E.J.)
SCALE 1:20



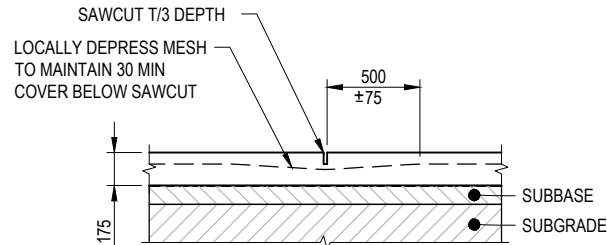
SAWN JOINT (S.J.)
SCALE 1:20



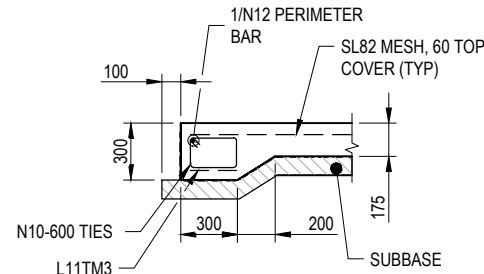
TYPICAL CORNER REINFORCEMENT
TRIMMER BAR DETAIL
SCALE 1:20



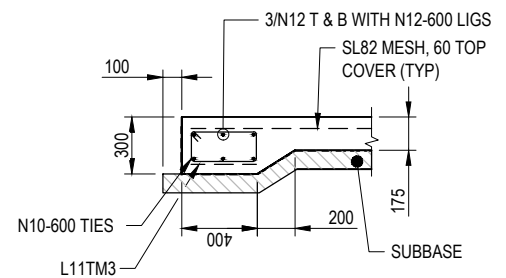
TYPICAL B2 KERB EDGE DETAIL
SCALE 1:20



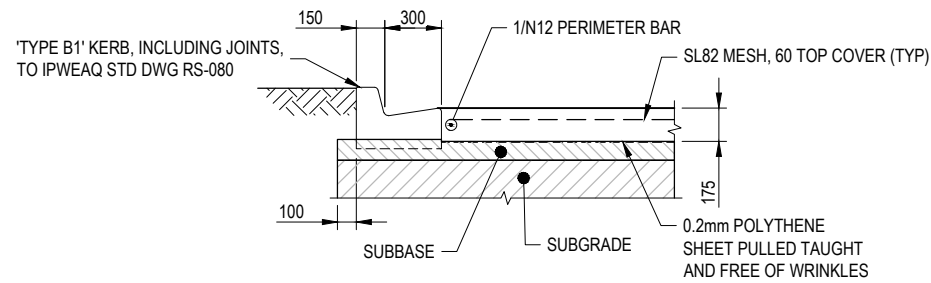
LONGITUDINAL JOINT (L.J.)
SCALE 1:20



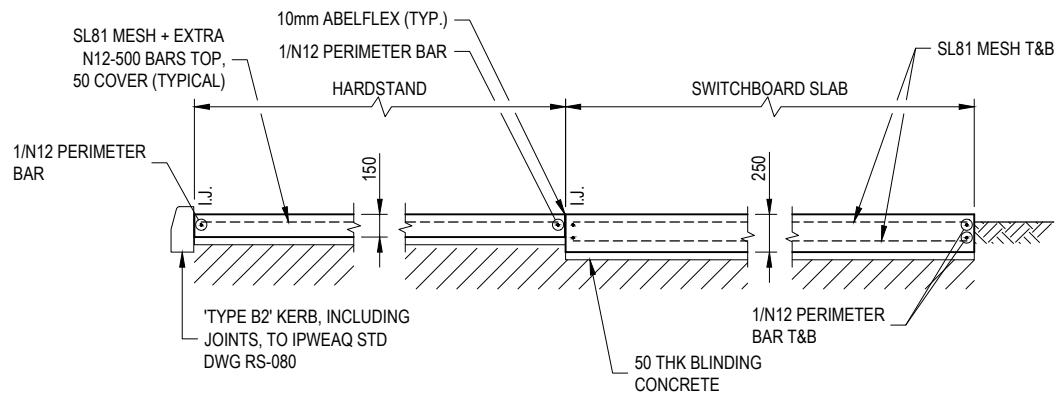
EDGE BEAM TYPE 1 (E.B.1)
SCALE 1:20



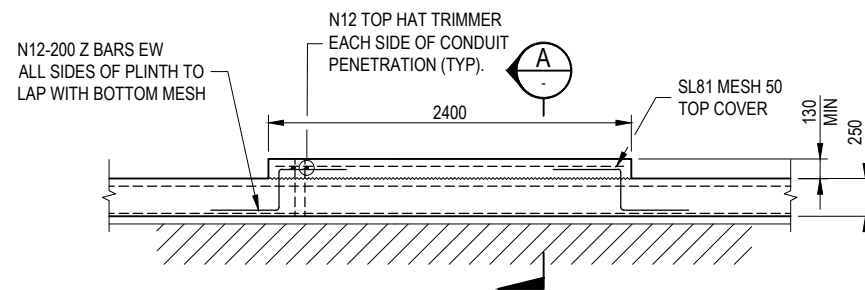
EDGE BEAM TYPE 2 (E.B.2)
SCALE 1:20



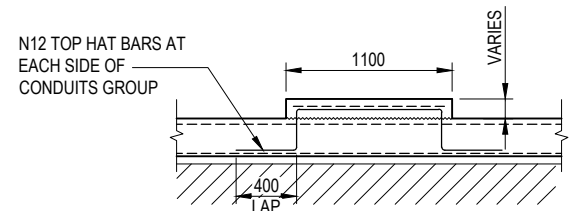
TYPICAL B1 KERB EDGE DETAIL
SCALE 1:20



TYPICAL HARDSTAND/SWITCHBOARD SLAB DETAILS AND INTERFACE
SCALE 1:25



SWITCHBOARD PLINTH DETAIL
SCALE 1:25



SECTION A
SCALE 1:25

0 250 500 1000 1500mm
A1 - 1:25

0 200 400 800 1200mm
A1 - 1:20

FOR CONSTRUCTION

CAD FILE: DT8004-01-S-DWG-ST-91-3010.dwg
DATE PLOTTED: 19 July 2024 - 4:08pm
AMAYA RUBEN

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0	FOR CONSTRUCTION	TT	KY	KY	22/07/2024
A	FOR TENDER	TT	KY	KY	14/05/2024
REV. No.	DESCRIPTION	DRAWN	DESIGNER	APPR.	DATE

DESIGNED BY K. YEW	DESIGN CHECKED BY K. WONG	REFERENCES PROJECT No. DT8004-01
DRAFTED BY T. TEIXEIRA	DRAFTING CHECKED BY F. JESPERSEN	LW FACILITY ID SPS176
RPEQ APPROVED BY K. YEW	RPEQ 17175 DATE 22/07/2024	SHEET SIZE A1
DESIGN MANAGER Z. KADEN	DATE 22/07/2024	DO NOT SCALE DATUM : AHD GDA2020 ZONE 56



PROJECT: SPS176 BUSHLAND RD WW PUMP STATION AND CONVEYANCE	PROJECT DRAWING No. DT8004-01-S-DWG-ST-91-3010
DRAWING TITLE: SPS176 BUSHLAND RD WW PUMP STATION DRIVEWAY AND HARDSTAND CONCRETE DETAILS	DESIGN COMPANY: LOGAN WATER
	ALTERNATE DRAWING NUMBER.
	REV. 0