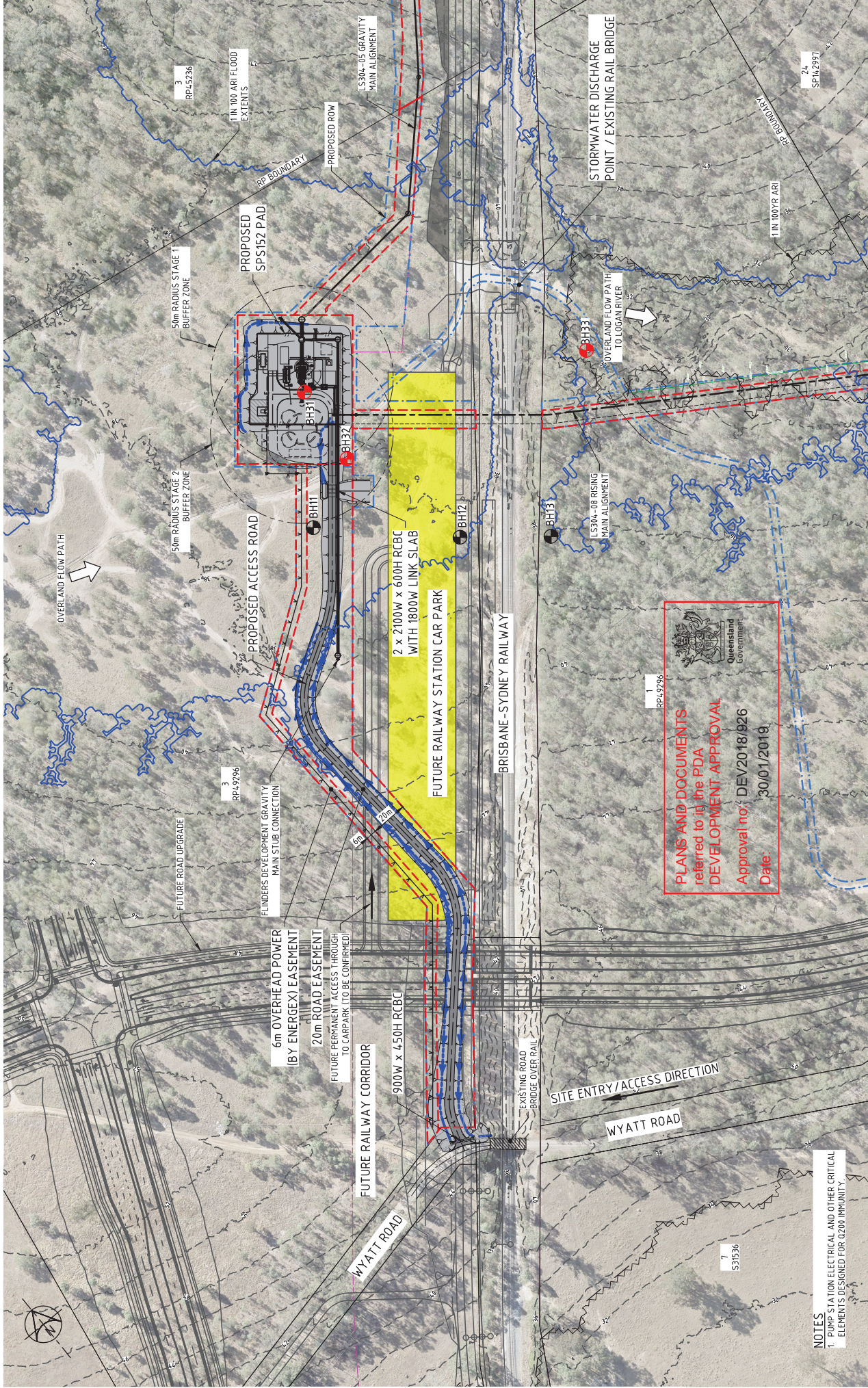




SITE LAYOUT
SCALE 1:1000

FOR CONSTRUCTION

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0				FOR CONSTRUCTION				0				0				0				0			



Proudly

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	TT
	DESIGNED
	APPR.
	DS
	03/12/2019



LOGAN
WATER INFRASTRUCTURE
ALLIANCE

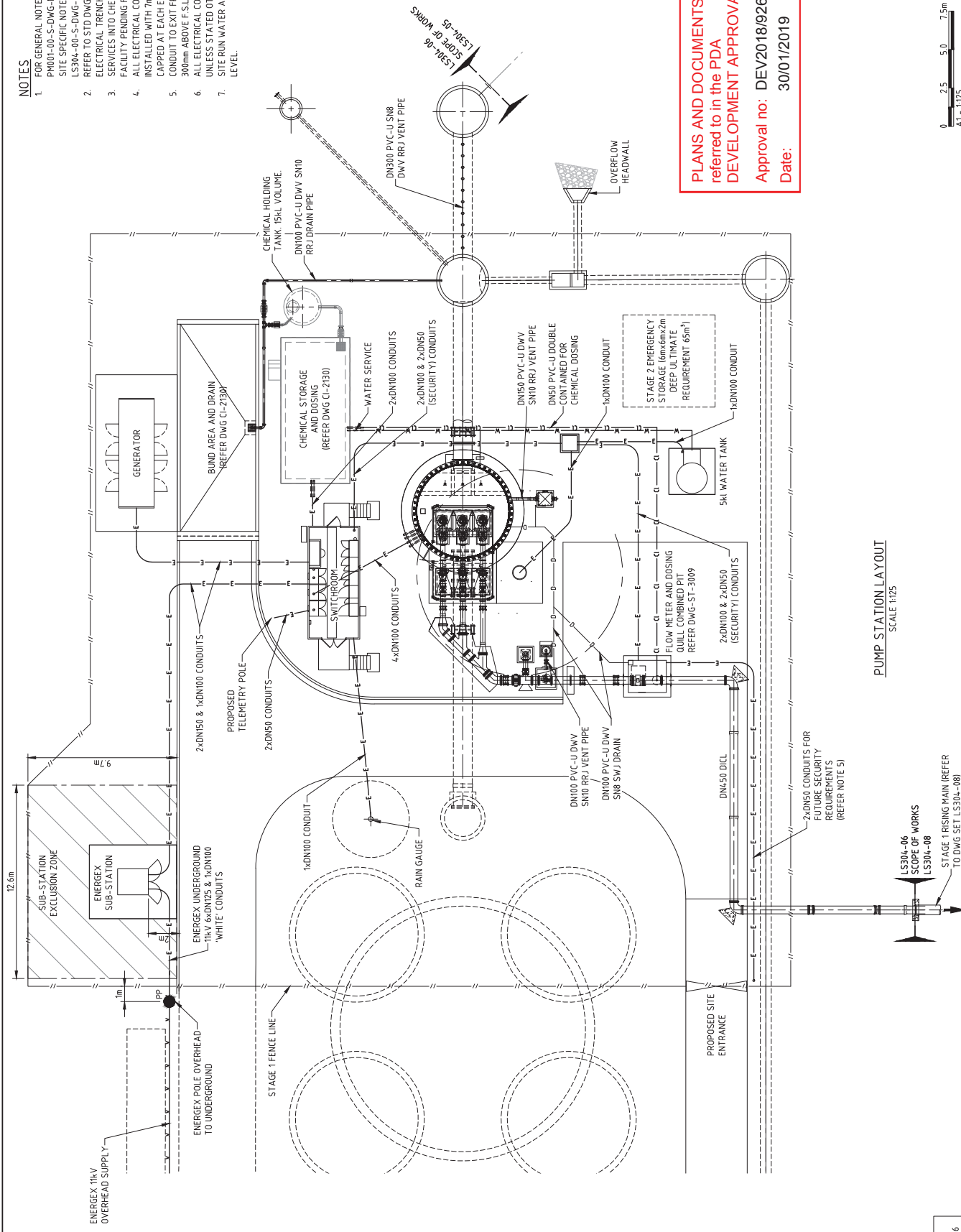
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PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV/2018/926
Date: 30/01/2019

1. FOR GENERAL NOTES, REFER TO STD DWGS PW001-00-S-DWG-IND-00701.
2. FOR SPECIFIC NOTES, REFER TO SITE SPECIFIC NOTES REFER TO DWG NO-0071 AND NO-0072 FOR SITE SPECIFIC NOTES
3. LSP04--00-S-DWG-IND-0020
4. PUMPS AND LIFTING EQUIPMENT (SEE ISSUED BY Logania)
5. STAGE 2 - WET WELL DECOMMISSIONED AS COVERED TO MAINTENANCE HOLE.
6. REFER STD DWGS FOR BAFFLE DETAILS.
7. POLYETHYLENE LINING DETAILS IN ACCORDANCE WITH SEQ. CODE DWS
8. THE SPURTS/TWO-TON SYSTEM SHALL BE SEALED AT BRANCHING POINTS THROUGHOUT THE CONCRETE STRUCTURE.
9. HOLES WITH AN APPROVED SILICON ADHESIVE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.



NOTES

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2018/926
Date: 30/01/2019

DRAWING HISTORY
CI-2125 PREVIOUSLY CI-2106

[illegible]

DESIGNED BY	RFED	REFERENCES
V. VERGARA	DRAFTING CHECK BY	PROJECT No.
T. TEIXEIRA	F. JESPERSEN	LS304-06
DESIGN CHECKED BY	RFED	FILE REFERENCE
S. DICKER	18473	SHEET SIZE
APPROVED BY	RFED	A1
D. SEEGL	20522	DATUM : AHD GDA : 4% ZONE 54.



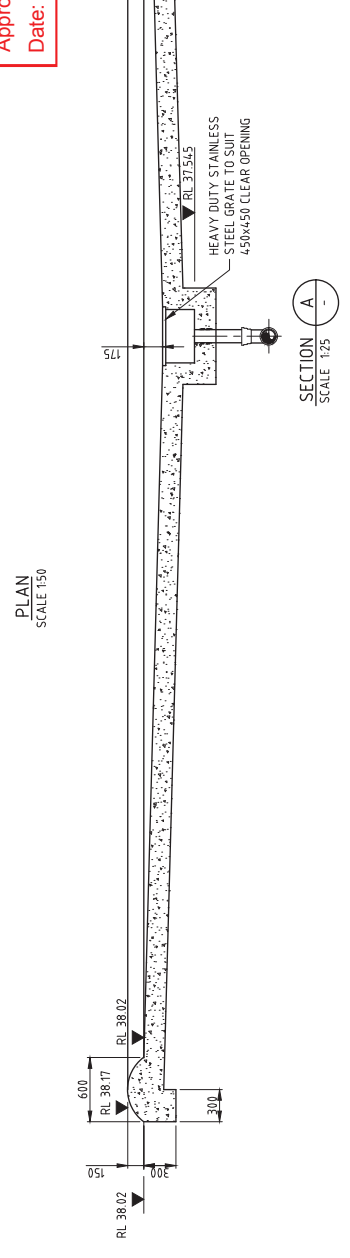
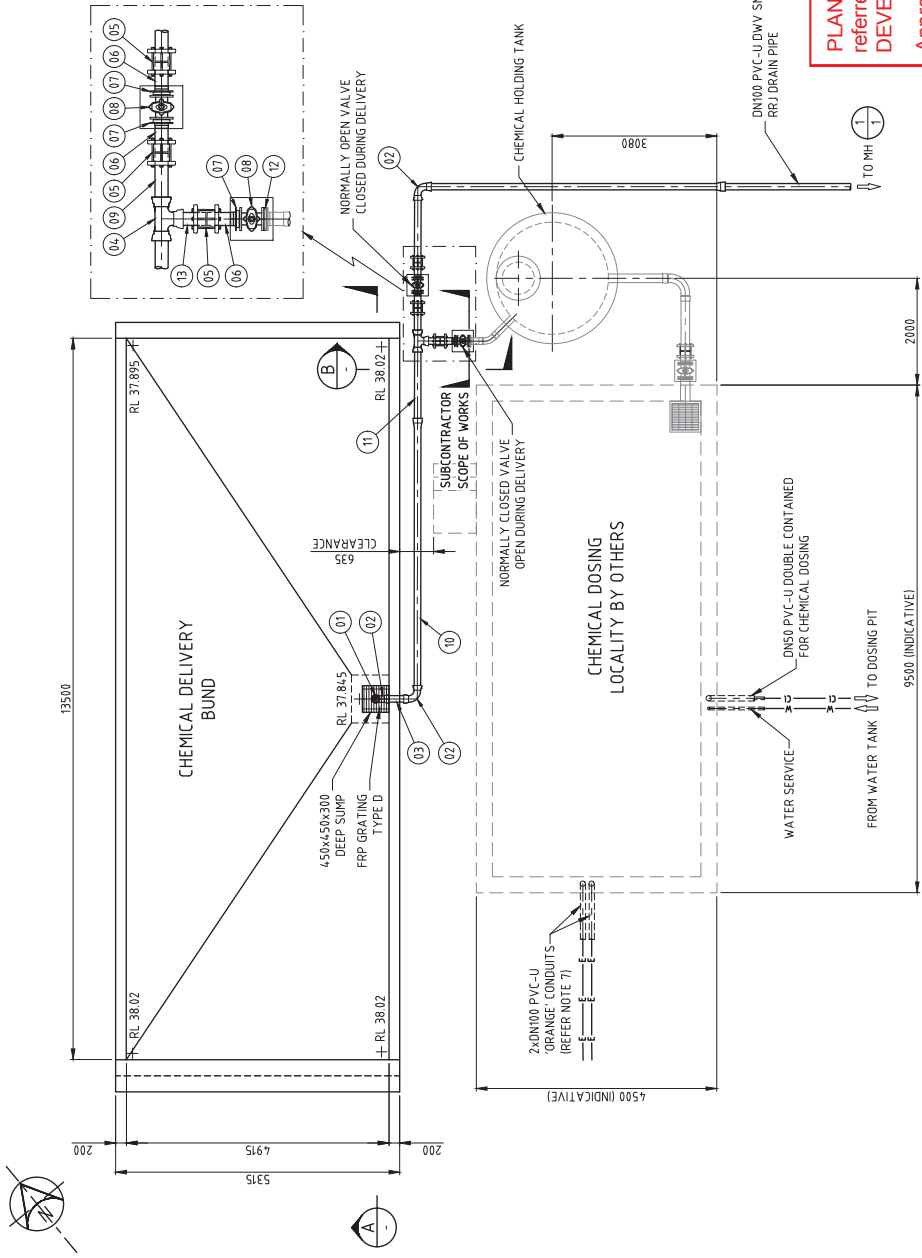
PROJECT: FLAGSTONE CENTRAL TO CEDAR GROVE WWTTP CONVEYANCE SYSTEM	DRAWING No.
DRAWING TITLE:	

SPS152 WASTEWATER PUMP STATION STAGE 1 SITE SERVICES PLAN	LS304-06-S-DWG-CI-2125
DESIGN COMPANY	REV
LoganWIA	0
TECH SERVICES DRG No.	

FOR CONSTRUCTION



PUMP STATION LAYOUT
SCALE 1:125



DRAWING HISTORY	
REV. No.	DESCRIPTION
0	FOR CONSTRUCTION

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DESIGNED BY		REFERENCES	
V. VERGARA	PROJECT No.	LS304-06	
T. TEIXEIRA	DRAFTING CHECK BY	F. JESPERSEN	
S. DICKER	DESIGN CHECKED BY	184/73	
D. SEEGL	APPROVED BY	20522	
TT	DS	DS	DATE
TT	DS	DS	DATE



DRAWING TITLE	
SPS152 WASTEWATER PUMP STATION	
CHEMICAL BUILDING, HOLDING TANK AND BUND	
DETAILS	
DRAWING No.	LS304-06-S-DWG-CI-2130
DESIGN COMPANY	LoganWIA
REV.	0
TECH SERVICES ORG No.	

PIPE AND FITTINGS SCHEDULE

ITEM	DESCRIPTION	SIZE	MATERIAL	QTY
01	MAINTENANCE HOLE CONNECTOR M/M R/RJ, SANGED C/W WEEP RINGS (NOTE 6)	DN100	PVC-U DWV	1
02	BEND 90° F/F R/RJ	DN100	PVC-U DWV	3
03	PIPE, M/M, 714mm LONG	DN100	PVC-U SN10 DWV	1
04	TEE F/F/F R/RJ	DN100xDN100	PVC-U DWV	1
05	GIBBULT JOINT (00110 x 00114)	DN100	ABS/SS 316/ NATURAL RUBBER	3
06	PIPE, SP-SP, 300mm LONG	DN100	PVC-U PN1.5	3
07	STUB FLANGE AND SS BACKING RING, SCJ	DN100	PVC-U	3
08	GATE VALVE, FL-FL, C/W NON RISING SPINDLE EXTENSION AND SURFACE BOX NOTE 7	DN100	PVC-U	2
09	PIPE, M/M R/RJ, 500mm LONG	DN100	PVC-U SN10 DWV	1
10	PIPE, M/F R/RJ, 500mm LONG	DN100	PVC-U SN10 DWV	1
11	PIPE, M/M R/RJ, 1400mm LONG (CUT TO SUIT ON SITE)	DN100	PVC-U SN10 DWV	1
12	BLANK FLANGE	DN100	PVC-U	1
13	PIPE, M/M, 300mm LONG	DN100	PVC-U SN10 DWV	1

CHEMICAL DELIVERY BUND NOTES

- FOR GENERAL NOTES REFER TO STD DWGS PM001-00-S-DWG-ND-0020, ND-0021 AND ND-0022. FOR SITE SPECIFIC NOTES REFER TO DWG LS304-00-S-DWG-ND-0020.
- FOR SET OUT COORDINATES, REFER TO DWG ND-0030.
- FOR STRUCTURAL DETAILS REFER TO STRUCTURAL DWGS ST-3001, ST-3011 AND ST-3012.
- CAPACITY SIZED AT 110% OF 12,000 L TANKER.
- W/APP PIPE WITH HYDROPHILIC SEAL LOCATED CENTRAL IN WALL.
- VALVE SHALL BE SUITABLE FOR BURIED INSTALLATION AND DESIGNED FOR NO METAL TO CHEMICAL CONTACT.
- CONDUITS TO EXIT FROM VERTICAL 90° SWEEP BENDS RISING 300mm ABOVE F.S.L. ENDS TO BE SEALED AND SECURED.

CHEMICAL DOSING FACILITY NOTES

- CHEMICAL DOSING FACILITY DESIGNED AND CONSTRUCTED BY OTHERS.
- SUBCONTRACTOR TO CONFIRM DBC SCHEDULE WITH LoganWIA.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL
Approval no: DEV2018/926
Date: 30/01/2019

Queensland Government

TYPICAL CI VALVE BOX C/W CONCRETE SURROUND, REFER TO NOTE P710 ON STD DWG PM001-01-S-DWG-ND-0020 FOR FURTHER DETAILS

SECTION B
SCALE 1:25



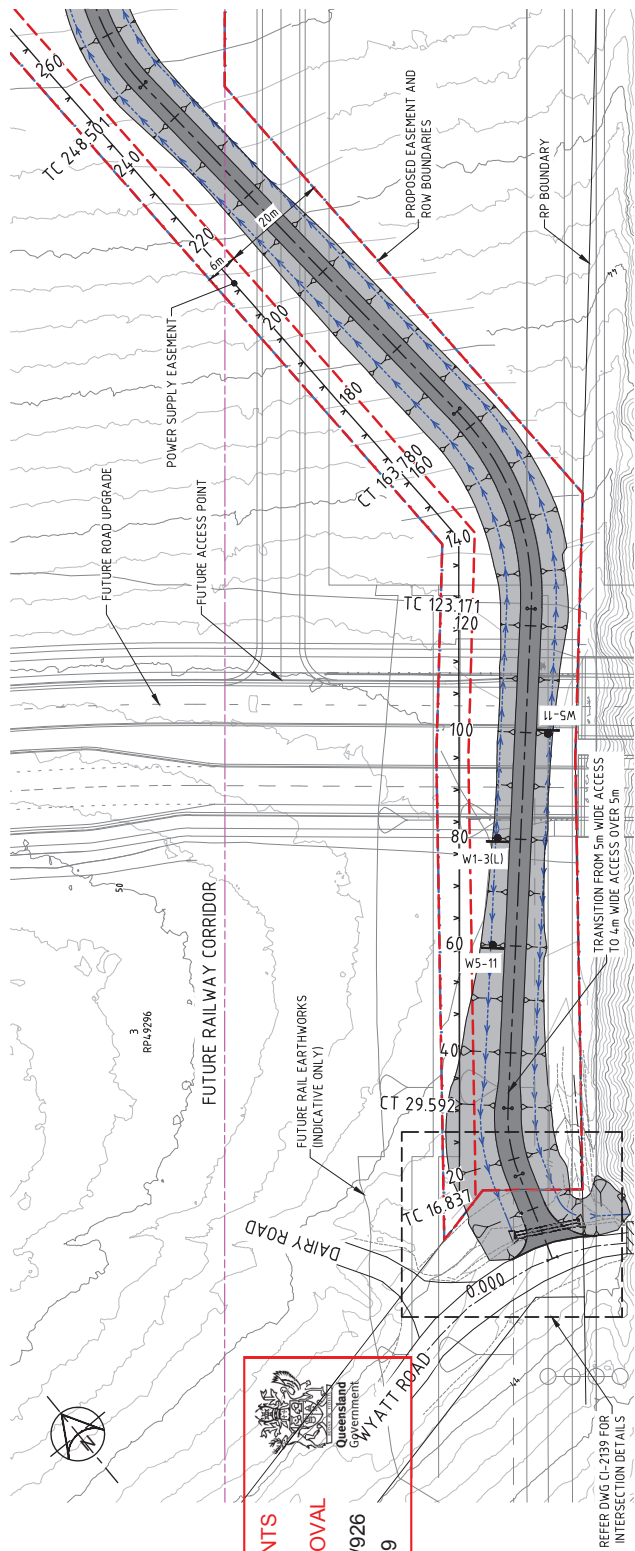
DRAWING HISTORY

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DESIGNED BY		REFERENCES	
V. VERGARA	PROJECT No.	LS304-06	
T. TEIXEIRA	DRAFTING CHECK BY	F. JESPERSEN	
S. DICKER	DESIGN CHECKED BY	184/73	
D. SEEGL	APPROVED BY	20522	
TT	DS	DS	DATE
TT	DS	DS	DATE



DRAWING TITLE	
SPS152 WASTEWATER PUMP STATION	
CHEMICAL BUILDING, HOLDING TANK AND BUND	
DETAILS	
DRAWING No.	LS304-06-S-DWG-CI-2130
DESIGN COMPANY	LoganWIA
REV.	0
TECH SERVICES ORG No.	



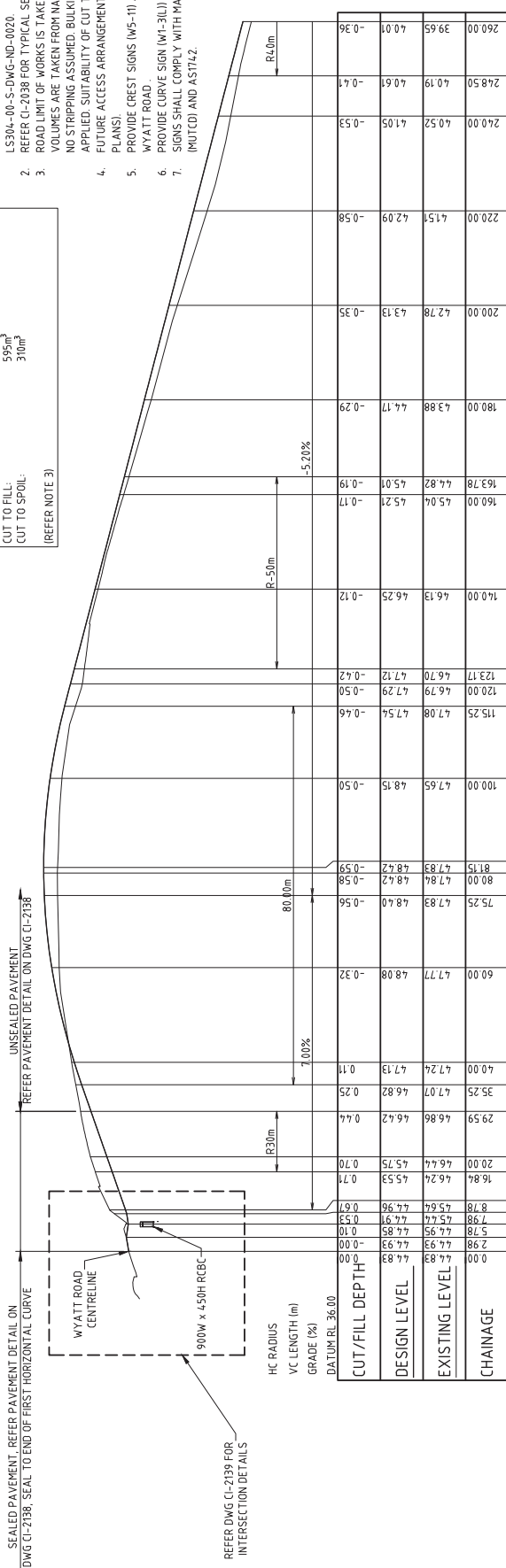
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2018/926
Date: 30/01/2019

NOTES

APPROXIMATE EARTHWORKS QUANTITIES

1. FOR GENERAL NOTES REFER TO STD DWGS PM001-01-S-DWG-ND-0020, ND-0021 AND ND-0022. FOR SITE SPECIFIC NOTES REFER TO DWG L5304-09-S-DWG-ND-0020.
2. REFER C1-2038 FOR TYPICAL SECTIONS AND PAVEMENT DETAILS.
3. ROAD LIMIT OF WORKS IS TAKEN TO CH+02 (AFTER CULVERT 2) CUT AND FILL VOLUMES ARE TAKEN FROM NATURAL SURFACE LEVEL TO SUBGRADE LEVEL WITH NO STRIPPING ASSUMED. BULKING AND SHRINKAGE FACTORS HAVE NOT BEEN APPLIED. SUITABILITY OF CUT TO FILL MATERIAL HAS NOT BEEN ASSESSED.
4. FUTURE ACCESS ARRANGEMENTS TBC (SUBJECT TO APPROVED DEVELOPMENT PLANS).
5. PROVIDE CREST SIGNS (W5-10) AT CH60 TOWARDS SP552 AND AT CH100 TOWARDS WYATT ROAD.
6. PROVIDE CURVE SIGN (W1-3C1) AT AT CH80 TOWARDS SP552.
7. SIGNS SHALL COMPLY WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND A5714.2.



DRAWING HISTORY
CI-2135 PREVIOUSLY CI-2123

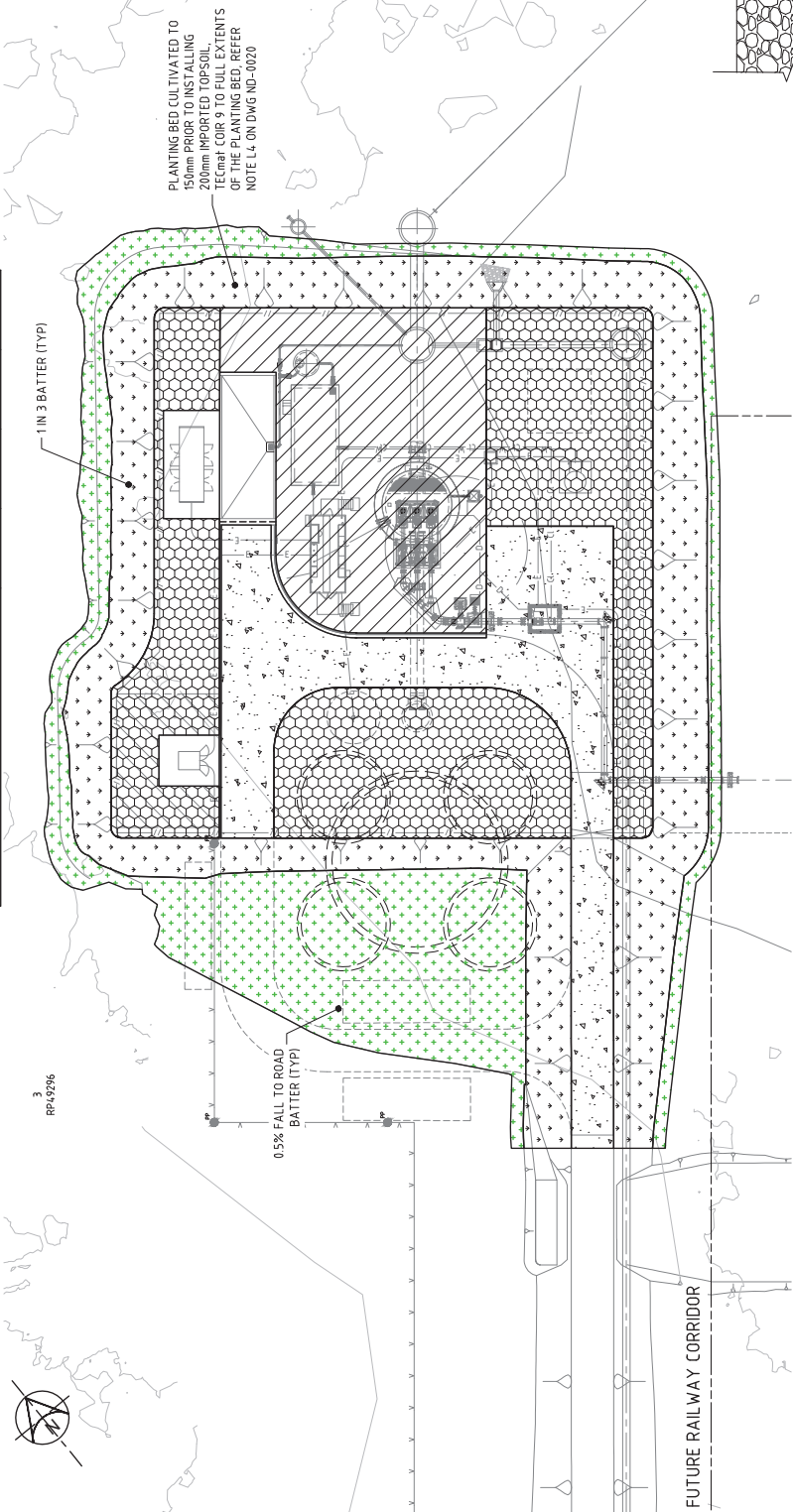
ROAD LONGITUDINAL SECTION
HOR. 1:500
VER. 1:100

FOR CONSTRUCTION

[illegible]

PROJECT: FLAGSTONE CENTRAL TO CEDAR GROVE WWP CONVEYANCE SYSTEM	DRAWING TITLE		DRAWING No.
	SPS'52 WASTEWATER PUMP STATION ACCESS ROAD		LS304-06-S-DWG-CI-2135
	PLAN AND LONGITUDINAL SECTION, SHEET 1		DESIGN COMPANY LoganWIA REV 0 TECH SERVICES PRG No.

PLANT SCHEDULE					
Code	Botanical Name	Common Name	Form	Pot Size	Note
REV-01 (1 Plant per metre squared)					
NOTE: All tubestock to be planted in groups of 3-5, must be planted in conjunction with TecMat (refer specification). This schedule overrides other schedules listed under note L5 on ND-0020.					
REV-01	Gahnia aspera	Rough Saw-sedge	Sedge	50mm Tubestock	Upper banks
	Themeda triandra	Kangaroo Grass	Grass	50mm Tubestock	Lower banks/upper banks
	Cymbopogon refractus	Barbed-wire Grass	Grass	50mm Tubestock	Lower banks/upper banks
	Lomandra longifolia	Mat Rush	Perennial herb	50mm Tubestock	Upper banks
	Total				1125



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

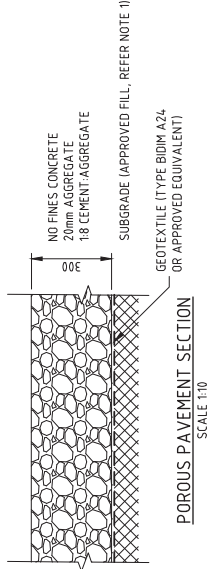
Approval no: DEV2018/1926

Date: 30/01/2019



LEGEND

- TYPE 'C' CONCRETE PAVEMENT
- POROUS PAVEMENT (REFER SECTION I)
- TYPE 'D1' STRUCTURAL FILL
- GROUND COVER PLANTING
- TURF EXTENTS (REFER NOTE 3)



DRAWING HISTORY

CI-2145 PREVIOUSLY CI-2130

REV. No.	DESCRIPTION	MR	DS	DS	APPR.	DATE
0	FOR CONSTRUCTION					

REFERENCES	
PROJECT No.	LS304-06
FILE REFERENCE:	
SHEET SIZE	A1
DATUM : AHD	
GDA 94 ZONE 56.	

PROJECT: FLAGSTONE CENTRAL TO CEDAR GROVE WWTP CONVEYANCE SYSTEM

DRAWING TITLE: SPS152 WASTEWATER PUMP STATION SITE PAD LANDSCAPE AND PAVEMENT DETAILS

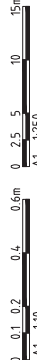
DRAWING No. LS304-06-S-DWG-CI-2145

DESIGN COMPANY: LoganWIA

REV. 0

TECH SERVICES ORG No.

FOR CONSTRUCTION



SCALE 1:10