

NOTES:
HORIZONTAL COORDINATES(E,N) SUPPLIED ARE MAPPING GRID OF AUSTRALIA(MGA), ZONE 56 BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AND THE GEOCENTRIC DATUM OF AUSTRALIA 1994.
HORIZONTAL DATUM DERIVED FROM PSM58130 E:479158.122 N: 6938706.248.
LEVELS SUPPLIED ARE ON THE AUSTRALIAN HEIGHT DATUM(AHD).
LEVEL DATUM DERIVED FROM PSM58130 RL54.763 (AHD)

ENGINEER'S CERTIFICATION

I, _____, hereby certify that:

1. The information contained in this drawing / document is in compliance with approved drawings and design.
2. The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SED Code.
3. This represents an accurate record of as-constructed works
4. I accept responsibility for the information contained in this drawing / document.

RPEQ (signature) RPEQ No. Date:

REGISTERED SURVEYOR'S CERTIFICATION

I, Gordon Nicholson, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were located by survey.

Registered Surveyor (sig.) SA 3405 Reg. Surveyor No. SA 3405 Date: 26/11/2021



AS CONSTRUCTED

0 15 30 45 60 75m

SCALE 1:750 @A1

A1

								DRAWN	NJA
								CHECKED	DAM
A	26/11/2021	AS CONSTRUCTED				NJA	DAM	LR	26/11/2021
INDEX	DATE	REVISIONS				DRAWN	CHECKED	PASSED	INITIALS
									DATE

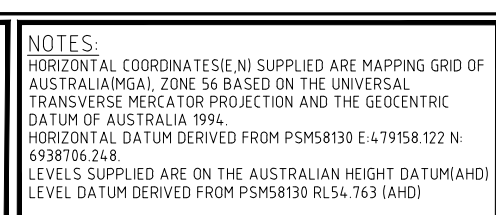


Queensland Urban Utilities

QUU REF NO. 19-PNT-44133
AS CONSTRUCTED SURVEY - SEWER
RIPLEY VALLEY, STAGE 6
QLD

SHEET 1 OF 3 SHEETS		SCALE 1:250	
REVISION DATE	26/11/2021	REVISION	A

DISCIPLINE CODE	
DRAWING NO.	QUU-19-PNT-44133-S1



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Registered Surveyor (sig.) Reg. Surveyor No. SA 3405 Date: 26/11/2021

RPEQ (signature) RPEQ No. Date:



A1									
								DRAWN	NJA 26/11/2021
	A	26/11/2021	AS CONSTRUCTED		NJA	DAM	LR	CHECKED	DAM 26/11/2021
INDEX	DATE	REVISIONS		DRAWN	CHECKED	PASSED		INITIALS	DATE

DRAWN	NJA	26/11/2021
CHECKED	DAM	26/11/2021
PASSED	LR	26/11/2021



QUU REF NO. 19-PNT-44133
AS CONSTRUCTED SURVEY - SEWER
RIPLEY VALLEY, STAGE 6
QLD

SHEET 2 OF 3 SHEETS		SCALE 1:250
REVISION DATE	26/11/2021	REVISION A
DISCIPLINE CODE		
DRAWING NO.		
QUU-19-PNT-44133-S2		

STRUCTURE TYPES
G = CONCRETE 0.900Ø
F = CONCRETE 1.200Ø
X = CONCRETE 1.200Ø
MS = PE 0.600Ø
MH DROP TYPES:
AS PER SEQ STD DRG SEQ-SEW-1303-1
MS DROP TYPES:
MS-A = 20mm DROP THROUGH BULB
MS-B = >750mm DROP INTO RISER
LID TYPES
B = NON-TRAFFICABLE
D = TRAFFICABLE
D(BD) = TRAFFICABLE WITH BOLT DOWN

EMBEDMENT NOTE:
PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. AS PER URBAN UTILITIES MAJOR WORKS TECHNICAL GUIDELINE, SECTION 6.5.1, TYPE 4 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED AND PROVIDED TO URBAN UTILITIES PRIOR TO CONSTRUCTION.

LAND USE
DIAMETER
GRADE
EMBEDMENT
JUNCTION INVERT LEVEL
DEPTH TO INVERT
SEWER INVERT LEVEL
DESIGN SURFACE LEVEL
SETOUT
RUNNING CHAINAGE

ALL SEWERS AND MAINTENANCE STRUCTURES SHALL BE INSPECTED BY CCTV. THE FIRST CCTV INSPECTION SHALL BE MADE PRIOR TO COMMISSIONING AFTER ALL BACKFILLING OPERATIONS HAVE BEEN COMPLETED AND ALL JUNCTIONS HAVE BEEN INSTALLED.

A SECOND CCTV INSPECTION IS REQUIRED PRIOR TO, BUT NOT MORE THAN 2 WEEKS BEFORE THE ON SITE INSPECTION FOR OFF MAINTENANCE CERTIFICATION.

CCTV EQUIPMENT TO BE IN ACCORDANCE WITH SECTION 21.8 OF THE SEQ SEWER CODE AND THE WSAA CONDUIT INSPECTION REPORTING CODE OF AUSTRALIA WSA 04 AND THE RESULTS SUBMITTED TO U.U. FOR COMPLIANCE CHECKING

[illegible]

STRUCTURE / BEND / END NAME
STRUCTURE TYPE
STRUCTURE LID TYPE
STRUCTURE DROP TYPE
JUNCTION LINE
DEPTH TO HC
HC INVERT LEVEL
HC TYPE
HC LOT No
CH. FROM D/S STRUC / BEND

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NOTE: PE LINING OF MANHOLES:
MAINTENANCE HOLES ≥ 1500Ø IN DIA OR ≥ 4.0m IN DEPTH,
REQUIRE PE LINED PROTECTIVE COATING

EMBEDMENT NOTE:
PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE
WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. AS PER URBAN
UTILITIES MAJOR WORKS TECHNICAL GUIDELINE, SECTION
6.5.1, TYPE 4 SUPPORT IS PROPOSED UNTIL FINAL
GEOTECHNICAL INVESTIGATIONS ARE COMPLETED AND
PROVIDED TO URBAN UTILITIES PRIOR TO CONSTRUCTION.

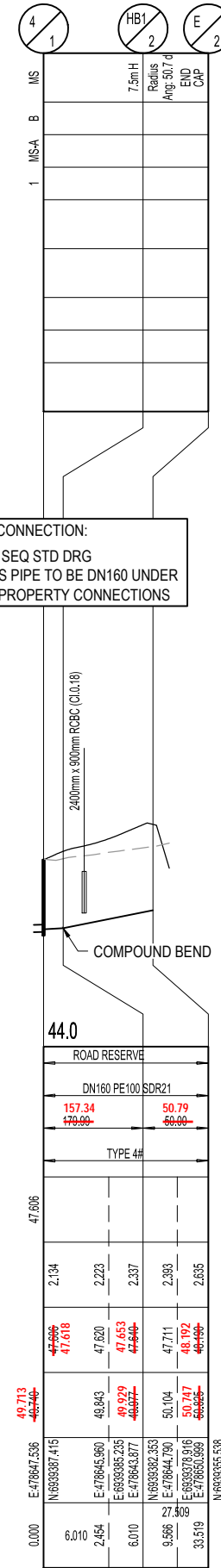
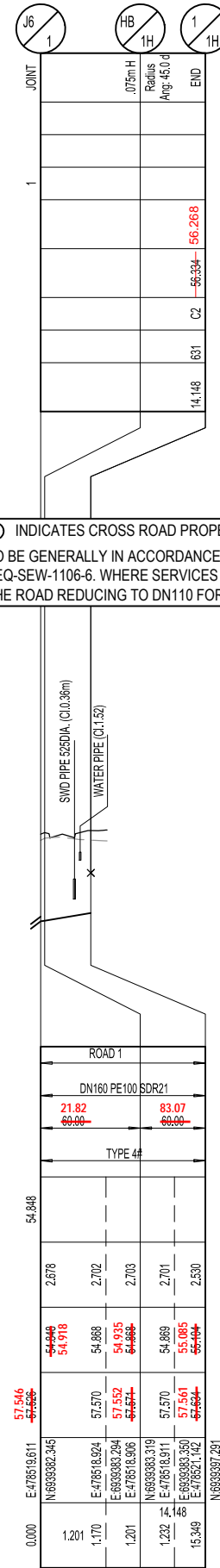
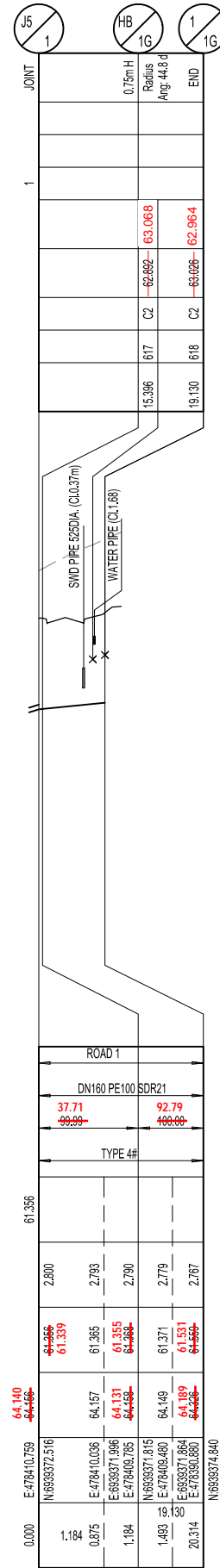
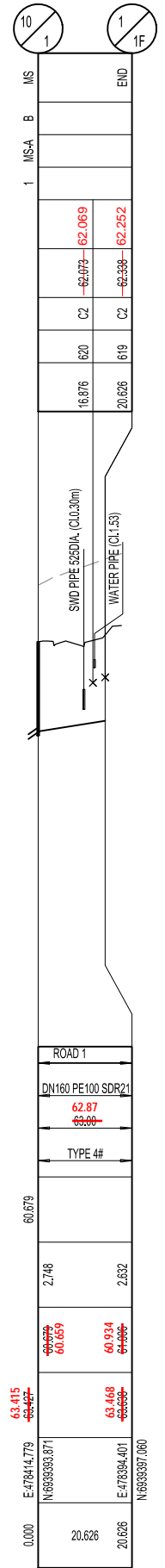
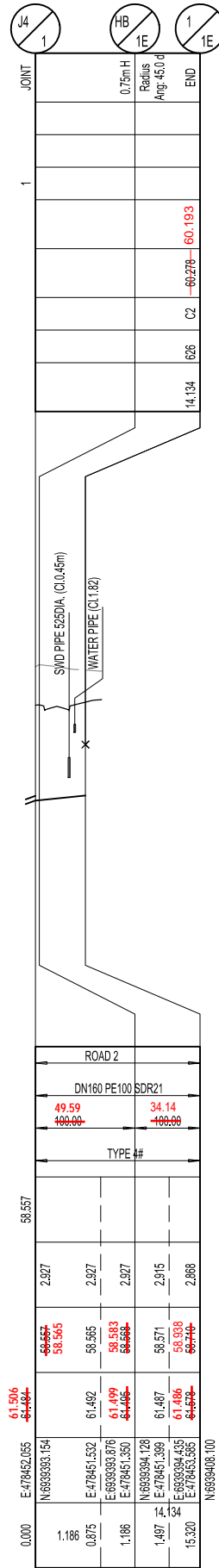
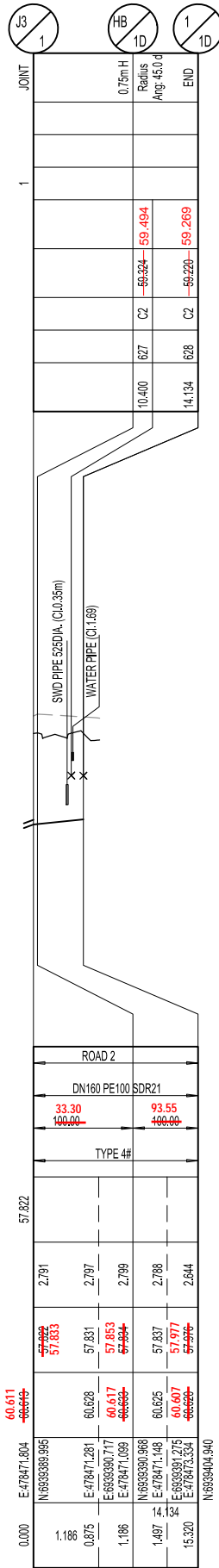
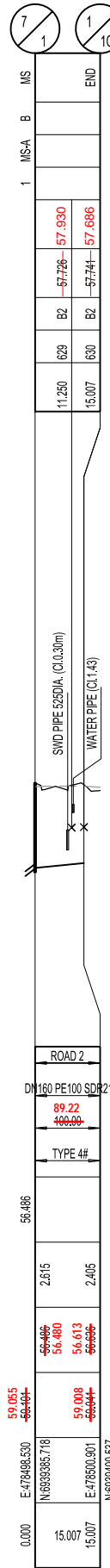
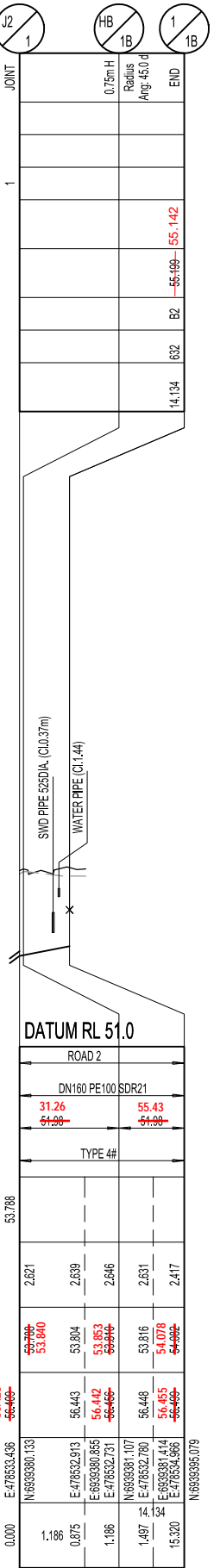
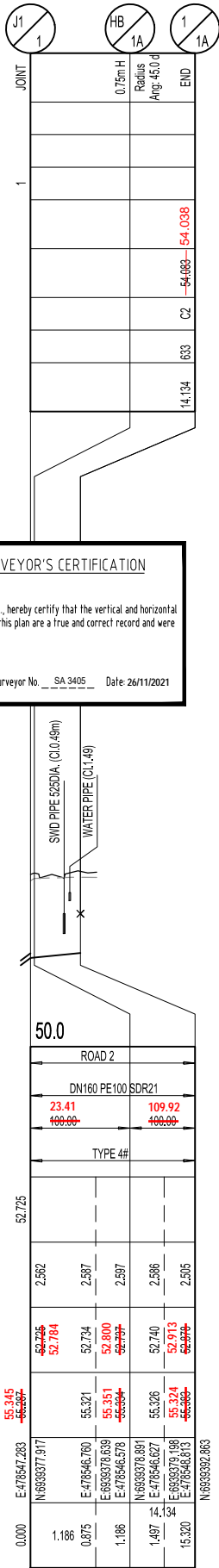
* STORMWATER BRIDGING NOTE:
WHERE A STORMWATER PIPE >= 600mm DIA CROSSES OVER
A SEWER, THE STORMWATER PIPE SHALL BE SUPPORTED
BY A BRIDGE STRUCTURE THAT SPANS THE SEWER
TRENCH. REFER PEAK URBAN STD DRG S-100.

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JUNCTION INVERT LEVEL
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DESIGN SURFACE LEVEL
SETOUT
RUNNING CHAINAGE

REGISTERED SURVEYOR'S CERTIFICATION

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Registered Surveyor (sig) [Signature] Reg. Surveyor No. SA 3405 Date: 26/11/2021



⊗ INDICATES CROSS ROAD PROPERTY CONNECTION:
TO BE GENERALLY IN ACCORDANCE WITH SEQ STD DRG
SEQ-SEW-1106-6. WHERE SERVICES 2 LOTS PIPE TO BE DN160 UNDER
THE ROAD REDUCING TO DN110 FOR THE PROPERTY CONNECTIONS

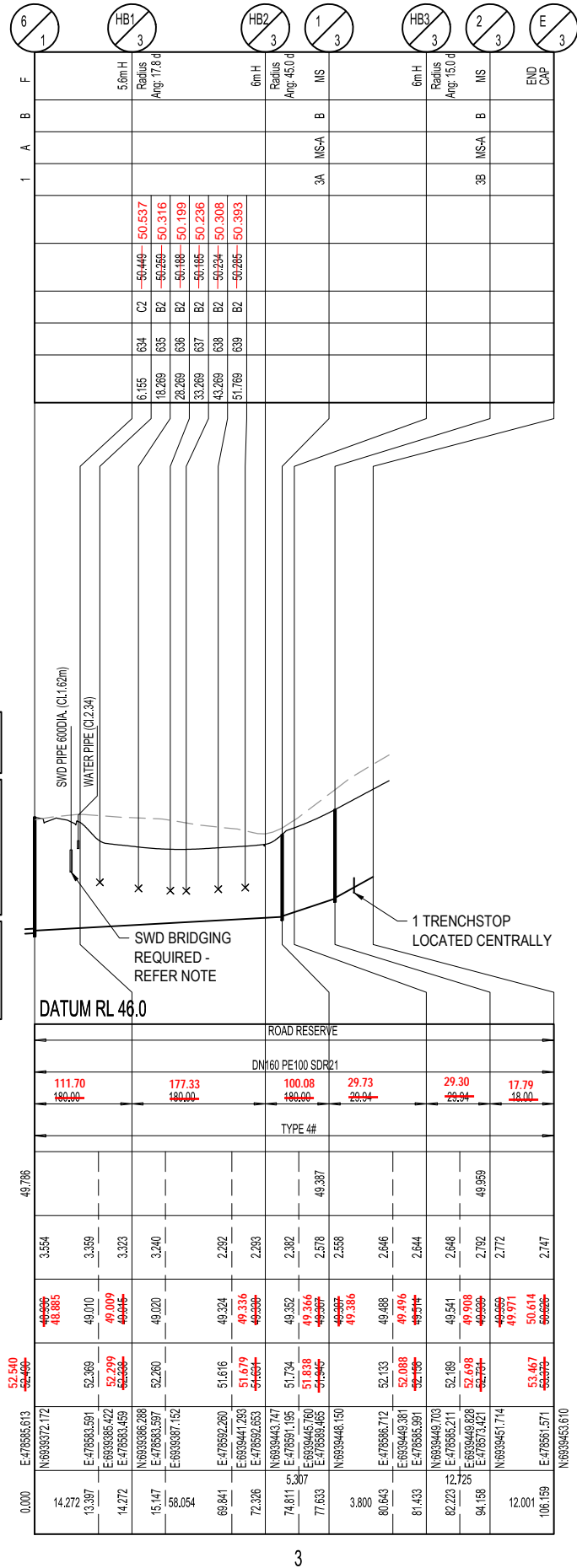
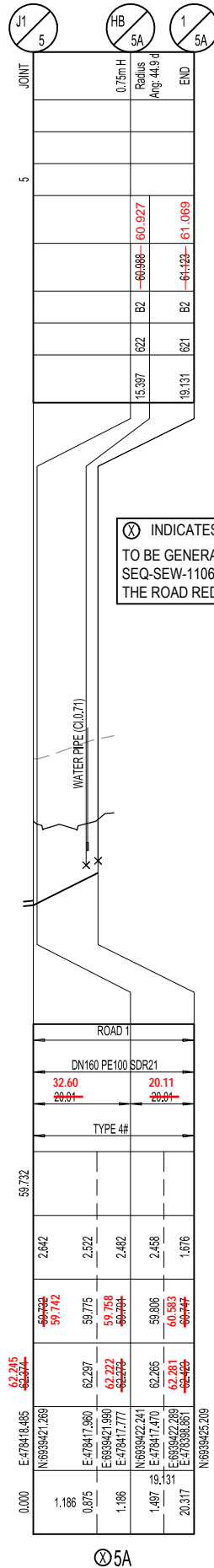
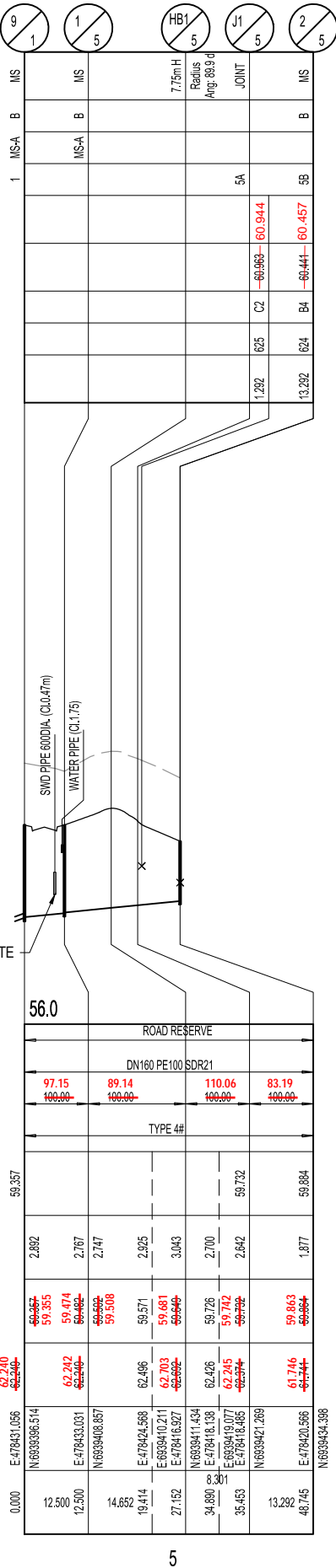
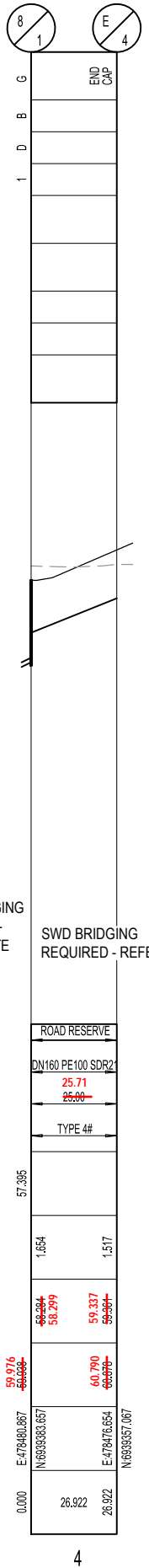
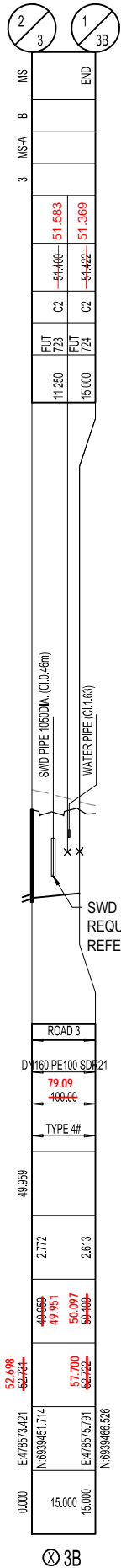
REV	DATE	DESIGN	DRAWN	REVISION DETAILS	DRAWN	STATUS	ISSUED FOR CONSTRUCTION	SCALE	CUSTOMER	PROJECT NAME	DRAWING TITLE
A	12.05.21	MG	MG	ISSUED FOR CONSTRUCTION	MG	STATUS	AS CONSTRUCTED	1:1000 1:2000	SATTERLEY PROPERTY GROUP PTY LTD	RIPLEY VALLEY STAGE 6	SEWER RETICULATION LONGITUDINAL SECTIONS SHEET 2 OF 3
B	26.11.21				DB	DESIGN		1:100 1:200	ASSOCIATED CONSULTANT SURVEYOR: JF&P CONSULTANTS	459-489 RIPLEY ROAD, RIPLEY	PROJECT No. 19-0148 DRAWING No. 303 REVISION AB

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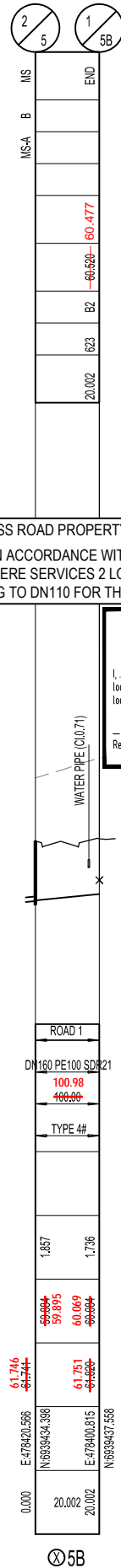
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LAND USE	
DIAMETER	
GRADE	
EMBEDMENT	

JUNCTION INVERT LEVEL
DEPTH TO INVERT
SEWER INVERT LEVEL
DESIGN SURFACE LEVEL
SETOUT
RUNNING CHAINAGE

[illegible]

URBAN




ITEMS	REF. NUM.
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100	100

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URBAN UTILITES REF. NUMBER. : 19-PNT-44133

[illegible]