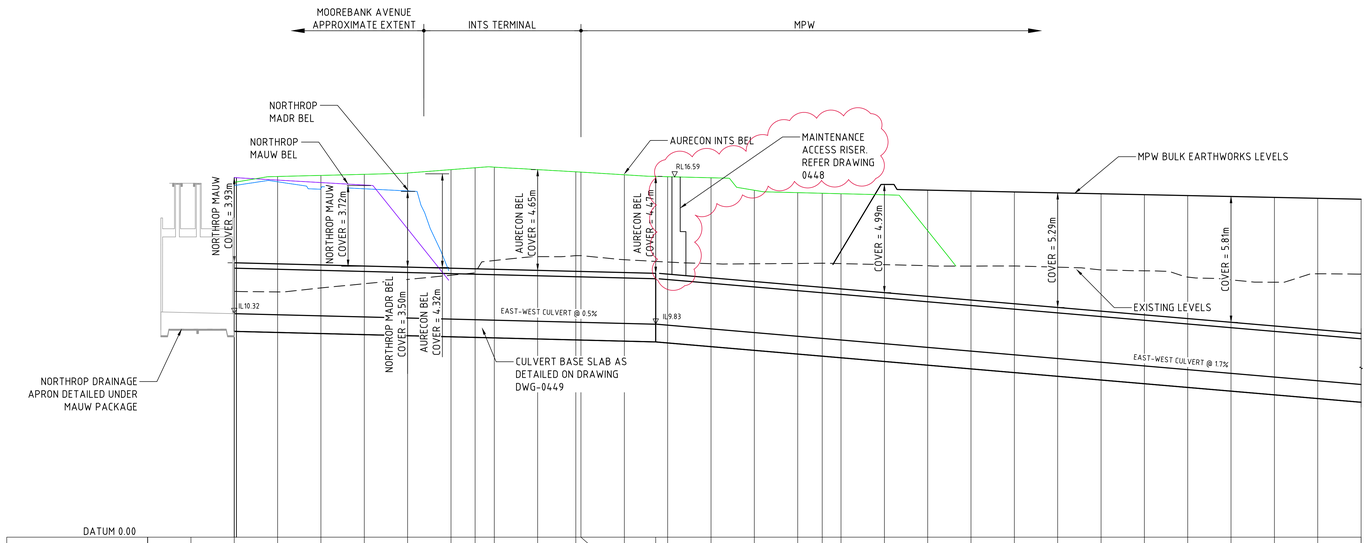
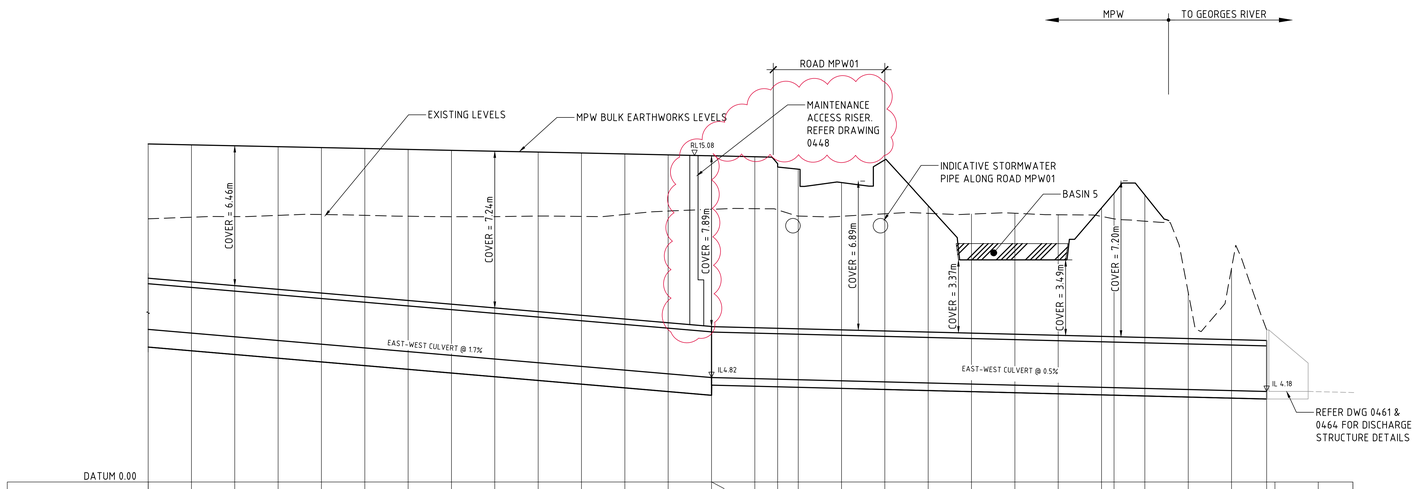


DATUM 0.00

CHAINAGE	-20.000	-10.000	0.000	10.000	20.000	30.000	40.000	50.000	55.569	60.000	70.000	78.872	80.000	90.000	97.250	100.000	110.000	120.000	130.000	135.463	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000
EXISTING SURFACE LEVEL			11.344	11.321	11.598	11.700	11.897	12.092	12.20	12.771	12.952	13.00	12.997	12.899	12.731	12.701	12.626	12.621	12.635	12.65	12.628	12.581	12.531	12.516	12.538	12.464	12.335	12.258	12.14	12.037	11.896	11.769	11.760	12.147
EAST-WEST CULVERT EXCAVATION LEVEL			9.950	9.450	9.400	9.350	9.300	9.250	9.222	9.200	9.150	9.106	9.100	9.050	9.014	8.967	8.796	8.624	8.453	8.356	8.282	8.111	7.940	7.768	7.597	7.426	7.255	7.084	6.913	6.741	6.570	6.399	6.228
CUT/FILL DEPTH			-1.844	-1.871	-2.198	-2.350	-2.597	-2.842	-2.978	-3.571	-3.802	-3.889	-3.897	-3.759	-3.717	-3.734	-3.831	-3.996	-4.182	-4.290	-4.346	-4.470	-4.592	-4.747	-4.920	-5.038	-5.085	-5.172	-5.092	-5.139	-5.199	-5.761	-5.919

SECTION CL EAST-WEST CULVERT
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



DATUM 0.00

CHAINAGE	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	390.050	400.000	405.274	410.000	420.000	430.000	440.000	450.000	460.000	470.000	480.000	482.873	490.000	500.000	510.000	518.100	520.000	530.000	538.000
EXISTING SURFACE LEVEL	12.147	12.222	12.251	12.307	12.347	12.389	12.265	12.248	12.249	12.274	12.258	12.349	12.566	12.586	12.586	12.426	12.56	12.274	12.264	12.280	12.401	12.367	12.424	12.335	12.258	12.14	12.037	11.874	11.874	11.671			
EAST-WEST CULVERT EXCAVATION LEVEL	6.228	6.057	5.886	5.714	5.543	5.372	5.201	5.030	4.859	4.687	4.516	4.345	4.174	4.003	4.471	4.421	4.395	4.371	4.321	4.271	4.221	4.171	4.121	4.071	4.021	4.006	3.971	3.921	3.871	3.830			
CUT/FILL DEPTH	-5.919	-6.165	-6.366	-6.593	-6.804	-6.977	-7.064	-7.218	-7.391	-7.586	-7.742	-8.004	-8.333	-8.583	-8.115	-8.195	-8.164	-7.903	-7.944	-8.189	-8.180	-8.196	-8.283	-8.264	-8.237	-8.138	-8.066	-8.833	-6.003	-3.191			

SECTION CL EAST-WEST CULVERT
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

NOTES:

EXTERNAL CONSULTANT NOTE:
EXTERNAL DESIGNS SHOWN ARE INDICATIVE FOR PRICING PURPOSES ONLY.
FOR FURTHER DESIGN INFORMATION, REFER TO THE BELOW RESPECTIVE CONSULTANT'S DESIGN PACKAGES.

ARCADIS	- MPW (MOOREBANK PRECINCT WEST LOOP ROAD - LPMW-ARC-CV-DWG)
AURECON	- INTS (INTERSTATE RAIL FACILITY - INTS-AUR-PV-SKC)
AURECON	- RALP (INTERMODAL TERMINAL DEVELOPMENT - N01031-PWD-DRG-GEN)
NORTHROP	- MAUW (MOOREBANK AVENUE UPGRADE WORKS - MAUW-NRP-CV-DWG)
NORTHROP	- MADR (MOOREBANK AVENUE DIVERSION ROAD - MADR-NRP-CV-DWG)
NORTHROP	- MAAI (MOOREBANK AVENUE ANZAC ROAD INTERSECTION - MAAI-NRP-CV-DWG)

1m 0 1 2 3 4 5 6 7 8 9 10m
1:100 SCALE AT A0 SHEET SIZE

5m 0 10 20 30 40 50m
1:500 SCALE AT A0 SHEET SIZE

FOR CONSTRUCTION

AMENDMENTS	DATE	ISSUE
REARRANGE DRAWING NUMBER FROM 0444 TO 0445	10.08.21	2
REARRANGE DRAWING NUMBER FROM 0444 TO 0445	12.03.21	1
NEW DRAWING NUMBER	22.05.20	0

DEVELOPER: MOOREBANK LOGISTICS PARK; QUBE
ARCHITECT: watson young
PROJECT MANAGER: J. WYNDHAM PRINCE — CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PROJECT: PRECINCT INFRASTRUCTURE WORKS WEST
MOOREBANK AVENUE, MOOREBANK

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
D.S.	D.S.	AUG 19	M.W.	A0	AS SHOWN	LPWPIW-COS-CV-DWG-0445

Costin Roe Consulting Pty Ltd.
Consulting Engineers ACN 003 696 448
Level 1, 8 Windmill Street
Walsh Bay, Sydney NSW 2000
Tel: (02) 9251-7699 Fax: (02) 9241-3731
email: mail@costinroe.com.au

Costin Roe Consulting
PRECISION | COMMUNICATION | ACCOUNTABILITY

DRAWING TITLE: EAST-WEST CULVERT CUT AND COVER PROFILES
DRAWING No: LPWPIW-COS-CV-DWG-0445
ISSUE: 2