

			CULVERT TYPE						INLET							OUTLET							GROUND CONDITIONS REFER TO NOTE 6	COMMENTS			
STRUCTURE NUMBER	REF. LINE	CHAINAGE	PIPES		R.C.B.		SKEW (DEGREES)	OVERALL LENGTH OF CULVERT(m)	SIDE L=LEFT R=RIGHT	OFFSET FROM CENTRE LINE (m)	INVERT LEVEL (m)	HEADWALL HEIGHT (m)	APRON LENGTH (m)	REFERENCE POINT		ROCK PROTECTION REF TABLE 1	SIDE L=LEFT R=RIGHT	OFFSET FROM CENTRE LINE (m)	INVERT LEVEL (m)	HEADWALL HEIGHT (m)	APRON LENGTH (m)	REFERENCE POINT			ROCK PROTECTION REF TABLE 1		
			PIPE DIAMETER (mm) AND CLASS	NUMBER OF BARRELS	PIPE TYPE	WIDTH x HEIGHT (mm)								NUMBER OF BARRELS + LINK SLABS	EASTING							NORTHING				EASTING	NORTHING
1	MCB1	107.4				1800 x 1800	4		24.0	R	14.7	4.80	0.426	5.40	40105.002	216649.658	F	L	20.1	4.68	0.422	5.11	40128.762	216653.044	1/4 T	NON-AGGRESSIVE	REFER DRAWING N° 0630-1236
2	MCLU	31012.0				1800 x 1800	4+2	-34	48.0	R	31.7	5.69	0.418	4.42	39948.069	216753.627	F	L	27.0	5.40	0.414	4.97	39981.162	216705.196	1/4 T	AGGRESSIVE	REFER DRAWING N° 0630-1233
3	MCS1	21.9				1200 x 1200	4		34.8	R	18.5	7.34	0.380	3.60	39699.112	216703.625		L	23.5	7.17	0.376	3.78	39741.108	216703.042	L	NON-AGGRESSIVE	NEW CULVERT BENEATH SANDERLING ROAD
4	MCLU	32465.0				900 x 450	1		43.2	R	31.4	14.66	0.352	1.35	38558.981	216512.488		L	14.5	14.49	0.348	1.01	38583.592	216476.984		AGGRESSIVE	REPLACE EXISTING CULVERT
5	MCY1	18.0	450-3	1	PE				28.06	L	15.6	18.08	0.411	-	38080.990	216166.147		R	12.5	17.94	0.407	-	38103.998	216182.209		NON-AGGRESSIVE	REPLACE EXISTING CULVERT BENEATH SAYONORA ROAD
6	MCR1	35.5	600-2	1	CSP				3.52	R	-	-	0.592	-	-	-		L	11.1	18.45	0.588	-	37782.277	215985.628		NON-AGGRESSIVE	EXTEND EXISTING CULVERT L BENEATH MURRAY ROAD
7	MCJ1	45.3				900 x 450			13.2	L	8.1	15.80	0.416	1.35	37634.308	215722.140		R	7.8	15.73	0.412	1.83	37624.164	215709.896		AGGRESSIVE	NEW CULVERT BENEATH DJAGWEEN ROAD
8	MCLU	33698.0				900 x 450	2	-30	9.6 ; 10.8	L	24.3	15.41	0.375	1.35	37620.225	215744.684		R	17.2	15.21	0.371	1.45	37578.927	215749.065		NON-AGGRESSIVE	EXTEND EXISTING CULVERT 9.6m L AND 10.8m R
9	MCLU	33925.0				900 x 450			32.4	L	10.6	13.47	0.422	1.35	37492.974	215547.183		R	21.8	13.40	0.418	1.69	37463.772	215561.210		NON-AGGRESSIVE	
10	MCLU	34144.0				900 x 450	1		31.2	L	12.9	11.96	0.419	1.35	37400.238	215348.741		R	21.0	11.80	0.415	1.27	37369.680	215363.419		AGGRESSIVE	
11	MCLU	34372.0	525-2	2	CSP			-30	19.25	L	-	-	0.566	1.58	-	-		R	23.8	10.82	0.562	1.04	37265.345	215145.481		NON-AGGRESSIVE	EXTEND EXISTING CULVERT R
12	MCLU	34594.0				1200 x 600	3+1		33.6	L	13.9	10.06	0.381	1.80	37206.844	214943.969		R	23.3	9.89	0.377	1.81	37173.472	214960.407	F	NON-AGGRESSIVE	
13	MCLU	34812.0				1200 x 450	2		34.8	L	14.4	9.78	0.444	1.35	37112.409	214746.246		R	23.1	9.67	0.440	1.22	37078.791	214762.862		AGGRESSIVE	REPLACE EXISTING CULVERT
14	MCLU	34873.0	525-3	2	RCP				2.44 ; 18.30	L	13.3	9.81	0.395	1.58	37085.442	214692.553		R	22.0	9.43	0.391	1.46	37053.500	214707.580		NON-AGGRESSIVE	EXTEND EXISTING CULVERT 2.44m L AND 18.30m R
15	MCLU	34932.0	525-3	2	RCP				2.44 ; 18.30	L	13.3	9.83	0.487	1.58	37059.685	214638.923		R	22.0	9.42	0.483	1.50	37027.373	214653.236		NON-AGGRESSIVE	EXTEND EXISTING CULVERT 2.44m L AND 18.30m R
16	MCLU	35082.0	525-2	2	RCP				2.44 ; 19.52	L	12.3	9.63	0.522	1.58	36993.642	214503.707		R	22.2	9.34	0.518	1.68	36962.537	214518.631		NON-AGGRESSIVE	EXTEND EXISTING CULVERT 2.44m L AND 19.52m R
17	MCLU	36661.0				1200 x 750	4	-20	32.4	L	17.0	15.32	0.362	2.25	36712.111	212979.786		R	15.4	15.14	0.358	2.13	36684.821	212962.285	L	NON-AGGRESSIVE	
18	MCP1	53.0				1200 x 1200	7	5	28.8	L	18.2	9.90	0.435	4.02	37166.660	211467.814		R	18.7	9.76	0.431	4.99	37175.835	211432.135	L	AGGRESSIVE	NEW CULVERT BENEATH PORT DRIVE TURNOFF
19	MCLU	38430.0				1200 x 1200	13		37.2	R	23.6	9.73	0.366	3.60	37069.438	211274.995		L	20.8	9.55	0.362	3.36	37112.560	211264.421	L	NON-AGGRESSIVE	

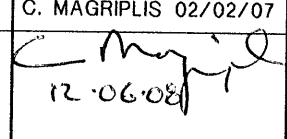
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CLASS ROCK	T†	LOR*
NONE	-	-
FACING	500	3000
LIGHT	750	3000
1/4 TONNE	1000	5000

TABLE 1: CULVERT OUTLET ROCK PROTECTION

† MINIMUM LENGTH OF ROCK
* THICKNESS OF ROCK

AMENDMENTS		
No.	DESCRIPTION	APPROVED & DATE
1.	METADATA ADDED, TITLEBLOCK UPDATED, CULVERT SCHEDULE FORMAT CHANGED.	C. MAGRIPLIS 01/09/06
2.	DISCLAIMER ADDED.	C. MAGRIPLIS 02/02/07
3.	CULVERT SCHEDULE FORMAT CHANGED, TITLEBLOCK AMENDED, ROCK CLASS TABLE 1 ADDED, NOTES 5 AND 6 ADDED.	 12.06.08

NOTES

- FOR ROCK PROTECTION DETAILS REFER TO DRG. N° 200606-009.
- TOTAL BARREL LENGTH OF R.C.B. CULVERTS IS BASED ON A MULTIPLE OF 1.2m.
- TOTAL BARREL LENGTH OF R.C.P. CULVERTS IS BASED ON A MULTIPLE OF 1.22m.
- CULVERT LOCATION AND INVERT LEVELS TO BE CONFIRMED BY SUPERINTENDENT PRIOR TO CONSTRUCTION.
- HEADWALL HEIGHTS DEPEND ON CULVERT TYPES. REFER TO CULVERT GENERAL ARRANGEMENT DRAWINGS FOR DETAILS.
- ADDITIONAL PROTECTIVE MEASURES FOR CULVERTS INSTALLED IN 'AGGRESSIVE' ENVIRONMENTS SHALL BE IN ACCORDANCE WITH SPECIFICATION 404.

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PRESENTATION
GUIDELINE
DRAWING ONLY

DISCLAIMER

THE DIMENSIONS, STANDARDS & CROSS
REFERENCING REPRESENTED ON THIS
DRAWING MAY NOT COMPLY WITH
CURRENT REQUIREMENTS AND ARE SHOWN
FOR PRESENTATION PURPOSES ONLY.

METADATA

GROUND SURVEY STANDARD: 67-08-43
DATE OF CAPTURE: DEC 2005 - FEB 2006
MAPPING SURVEY STANDARD:
DATE OF CAPTURE:
MAIN ROADS PROJECT ZONE: BR094
HEIGHT DATUM: AHD



Government of
Western
Australia



mainroads
WESTERN AUSTRALIA

TECHNOLOGY AND ENVIRONMENT DIRECTORATE
ROAD AND TRAFFIC ENGINEERING
WATERLOO CRESCENT
Telephone (08) 9323 4111
EAST PERTH 6004
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FILE NUMBER	67-08-88
DESIGNED / DRAWN	ROAD AND TRAFFIC ENGINEERING
VERIFIED	C. MAGRIPLIS
APPROVED	R. GROVE

BROOME HIGHWAY H042
TANAMI DRIVE TO PORT DRIVE
30.45 SLK TO 38.74 SLK
CULVERT SCHEDULE
SHEET 1 OF 1

LOCAL AUTHORITY (001) SHIRE OF BROOME

DRAWING NUMBER

AMENDMENT

200331-0044-3

SCALE

MICROPLM DATE

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