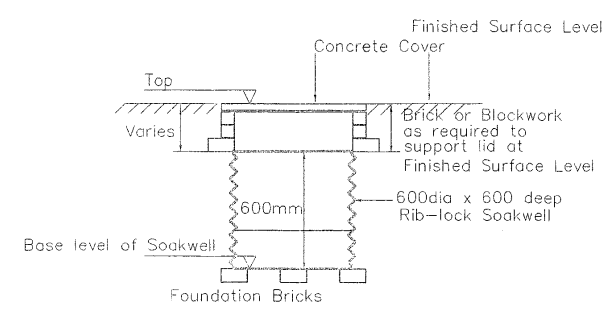


PIT SCHEDULE									
PIT No.	TYPE	INTERNAL DIM. L x W	INLET		OUTLET		FINISHED TOP	DEPTH TO INVERT	REMARKS
			DIA.	RL	DIA.	RL			
1	CONCRETE PIT	900x600	150	1.36	Ex300	1.21	1.68	0.47	CONSTRUCT AS PER MPSC STD DRG MP211 WITH 900x600 CLASS D BICYCLE PROOF HINGED LOCKABLE GRATE (WEBFORGE)
2	GRATE PIT	450x450	150	1.39	150	1.39	1.72	0.33	PROVIDE TRAFFICABLE GRATE LID
3	SOAKWELL	600# x 600DEEP	100	1.36	150	1.43	1.75	0.99	IL OF SOAKWELL=0.76
4	SOAKWELL	600# x 600DEEP	DP's 100	-	100	1.45	1.75	1.01	IL OF SOAKWELL=0.74
5	SOAKWELL	600# x 600DEEP	100	1.42	100	1.42	1.80	0.98	IL OF SOAKWELL=0.82
6	SOAKWELL	600# x 600DEEP	DP's 100	-	100	1.60	1.90	0.90	IL OF SOAKWELL=1.00
7	SOAKWELL	600# x 600DEEP	DP's 100	-	100	1.60	1.70	2.00	IL OF SOAKWELL=1.00
8	SOAKWELL	450x450	-	-	150	1.45	1.82	0.37	PROVIDE TRAFFICABLE GRATE LID
9	SOAKWELL	600# x 600DEEP	DP's 100	-	150	1.45	1.75	1.03	IL OF SOAKWELL=0.72
10	SOAKWELL	600# x 600DEEP	100	1.40	100	1.50	1.80	1.00	IL OF SOAKWELL=0.80
11	SOAKWELL	600# x 600DEEP	100	1.34	100	1.45	1.80	1.06	IL OF SOAKWELL=0.74
12	SOAKWELL	600# x 600DEEP	100	1.45	100	1.45	1.80	0.95	IL OF SOAKWELL=0.85
13	SOAKWELL	900# x 600DEEP	DP's 100	-	100	1.65	2.00	0.95	IL OF SOAKWELL=1.05
14	GRATE PIT	450x450	-	-	150	1.80	2.15	0.35	PROVIDE TRAFFICABLE GRATE LID
15	SOAKWELL	600# x 600DEEP	DP's 100	-	100	1.65	2.00	1.00	IL OF SOAKWELL=1.00
16	SOAKWELL	600# x 600DEEP	100	1.60	100	1.70	2.05	1.05	IL OF SOAKWELL=1.00
17	SOAKWELL	600# x 600DEEP	DP's 100	-	100	1.90	2.20	1.10	IL OF SOAKWELL=1.10
18	SOAKWELL	600# x 600DEEP	DP's 100	-	100	1.55	1.90	0.95	IL OF SOAKWELL=0.95
19	DRIVEABLE ENDWALL	SEE DETAIL	OED	-	300	1.25	1.70	0.45	CONSTRUCT AS PER VIC ROADS STD DRG - SD1991-A
20	DRIVEABLE ENDWALL	SEE DETAIL	OED	-	300	1.25	1.70	0.45	CONSTRUCT AS PER VIC ROADS STD DRG - SD1991-A

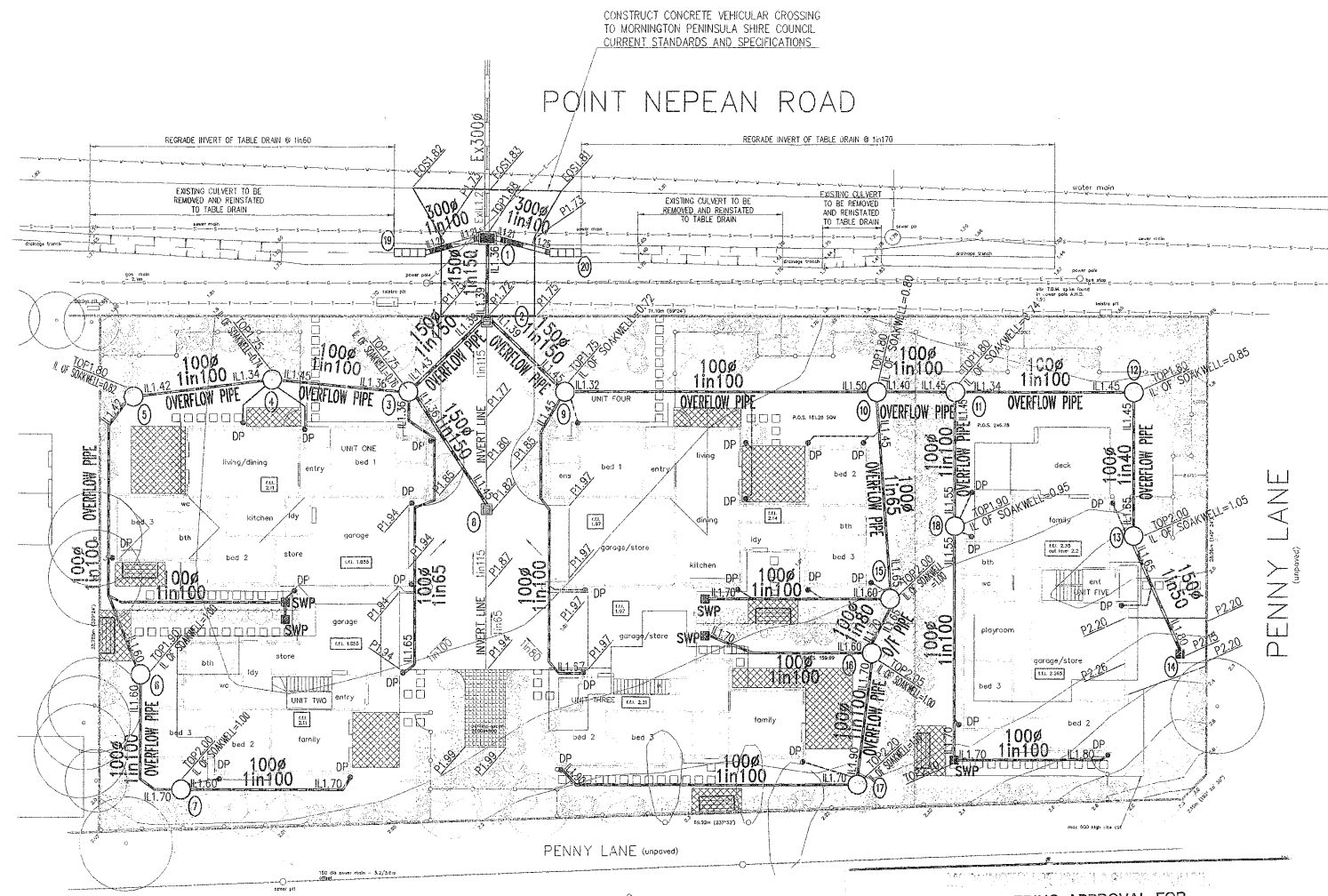


SOAKWELL DETAIL

notes

1. UNDERGROUND SERVICES ARE TO BE PROVEN PRIOR TO COMMENCEMENT OF WORKS. ANY DAMAGE TO SERVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR
2. ALL PIPES UNDER BUILDING SLABS / SUBJECT TO VEHICLE LOADING SHALL BE SEWER QUALITY CLASS SH AND INSTALLED IN ACCORDANCE WITH AS2032 Pt 7
3. ALL PIPES NOT SUBJECT TO VEHICULAR LOADING SHALL BE HEAVY DUTY STORMWATER AND INSTALLED IN ACCORDANCE WITH AS/NZS 3500.3.2-1998
4. JOINING ALL UPVC PIPES SHALL BE JOINED BY EITHER SOLVENT WELDING OR RUBBER RING JOINTS, IN ACCORDANCE WITH AS2032 Pt 3
5. BEDDING ALL DRAINS SHALL BE LAID ON 50MM DEPTH FOR BEDDING
6. BACKFILL ALL DRAINS UNDER TRAFFICABLE PAVEMENTS AND BUILDING SLABS SHALL BE BACKFILLED WITH 20MM CLASS 2 FOR
7. ALL OTHER STORMWATER DRAINAGE SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 3500.3.2-1998 - NATIONAL PLUMBING AND DRAINAGE CODE-PART 3.2 STORMWATER DRAINAGE - ACCEPTABLE SOLUTIONS.
8. INSPECTION OPENINGS TO BE PROVIDED AT ALL PIPE JUNCTIONS AND BENDS
9. A ROAD OPENING / STORMWATER CONNECTION PERMIT MUST BE OBTAINED FROM THE MORNINGTON PENINSULA SHIRE COUNCIL, PRIOR TO THE COMMENCEMENT OF WORK WITHIN THE ROAD RESERVE.

10. INDEX --
- DP DENOTES DOWNPIPE
 - 100/90MM DIA. STORMWATER DRAINAGE PIPE
 - DENOTES GRATE PIT
 - ExP1.23 DENOTES EXISTING PAVEMENT LEVEL
 - P1.00 DENOTES PROPOSED PAVEMENT LEVEL
 - SWP DENOTES SURFACE WATER PIT 300 SERIES EVERHARD PIT OR EQUIVALENT



PLAN

ENGINEERING APPROVAL FOR
Road delivery, construction, stormwater drainage and allied works as appropriate.
All materials and works are to comply with the current standards and requirements of the Shire
Date: Other relevant approval may need to be obtained regarding Town Planning and Building requirements.
Permit No. 104/147 Date: 14/05 Engineer [Signature]

PRELIMINARY PLAN NOT TO BE USED FOR CONSTRUCTION

Date:	Rev.	Amendments:	Legend		EX — W —	Design: JRJ	Scale: 1:200	 JAMISON & CRAIG CIVIL ENGINEERS P.O. Box 1207, Narre Warren 3805 mail@jamisoncraig.com.au Jamison & Craig Consultants Pty Ltd Civil Engineering Consultants & Project Managers A.C.N. 005 349 459	Phone: 5995 4388 Fax: 5995 5330	MORNINGTON PENINSULA SHIRE COUNCIL		Drawing No.	047301
			EXISTING KERB AND CHANNEL	SEWER	EX — S —	Date: 31.01.05	Approved Date:		UNIT DRAINAGE		Sheet	1 of 1	
			PROPOSED KERB AND CHANNEL	GAS MAINS	EX — G —	Checked: SC	Date: 01.02.05		Melway Ref: 158 J11	611--613 PT NEPEAN ROAD		Rev	—
			EXISTING DRAINS AND PITS	TELECOM CABLES AND PITS	EX — T —	Datum: AHD				McCRAE		J & C Ref. No.	04/73
			PROPOSED DRAINS AND PITS		EX — T —					PLAN, PIT SCHEDULE, NOTES, SOAKWELL DETAIL			
			PROPOSED PROPERTY INLET		EX — P.I. —								