

NOTES

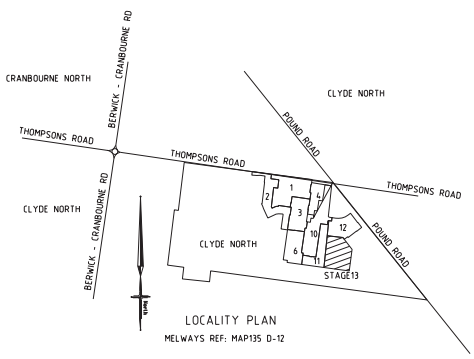
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS1214:1992 GENERAL CONDITIONS OF CONTRACT AND THE CITY OF CASEY AND VPA MALING SPECIFICATION AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CITY OF CASEY WORKS SUPERVISOR.
- COUNCIL TO BE NOTIFIED TWO (2) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES.
- ALL 150mm DIA. PIPES TO BE P.V.C., 225mm DIA. TO BE P.V.C. OR R.C.(RRJ), 300mm TO 750mm DIA. TO BE R.C.(RRJ) AND 825mm DIA. AND GREATER TO BE R.C.(LJ). PIPES LAYED ON A CURVE TO BE RRJ.
- R.C. PIPES TO BE CLASS 2 & P.V.C PIPES TO BE CLASS SH UNLESS OTHERWISE SPECIFIED.
- WHERE DRAINAGE PIPES ARE LOCATED WITHIN NATURE STRIPS, THE TRENCH SHALL BE BACKFILLED WITH COMPACTED CLASS 3 F.C.R. UP TO A LEVEL WHERE THE 450mm INFLUENCE LINE FROM THE D.O.K. INTERSECTS WITH THE NEAREST STREET SIDE. PROVIDE CRUSHED ROCK BACKFILL WHERE DRAINAGE CROSSES BELOW FOOTPATHS.
- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm CLASS 3 CRUSHED ROCK TO A RELATIVE COMPACTION OF 97% OF THE MAXIMUM FOUND IN THE STANDARD COMPACTION TEST FOR THE FOLLOWING:
 - BENEATH THE ROAD OR DRIVEWAY PAVEMENT TO THE UNDERSIDE OF THE PAVEMENT.
 - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM THE NEAR LOWER EDGE.
 - TRENCHES TO BE BACKFILLED IN LAYERS NOT EXCEEDING 200mm LOOSE.
- PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED. IN PARTICULAR, THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORKCOVER AUTHORITY - HEALTH & SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH & SAFETY PROCEDURES MUST BE LOGGED WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. MINIMUM COVER TO BE PROVIDED. REFER GAA STD DWG EDM703, EDM702, EDM703 & EDM704.
- LOTS DENOTED THIS 25M ARE TO BE PROVIDED WITH A 100mm DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. REFER GAA STD DWG EDM701 & EDM703.
- AGRICULTURAL PIPE DRAINS, AS PER GAA STD DWG EDM202, TO BE PLACED BEHIND ALL KERB AND CHANNEL AND BUFFER PITCHERS AND WHERE DIRECTED BY THE ENGINEER.
- ALL PROPOSED DRAINAGE STUBS TO BE BLANKED OFF AT END OF PIPE WITH TIMBER PLANKS TO THE SATISFACTION OF THE SUPERVISING ENGINEER.
- LOTS TO BE GRADED (1 in 150 MIN SLOPE) & LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER. FINISHED LEVELS TO BE COMPATIBLE WITH LOTS ADJOINING THIS STAGE.
- ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM SITE, NO SURPLUS TREES, VEGETATION OR OTHER MATERIAL IS TO BE BURNT ON SITE.
- RESERVES TO BE FREE DRAINING AND TO BE LEFT IN A CONDITION SATISFACTORY TO THE CITY ENGINEER.
- FILL AREAS IN ALL PROPERTIES AND ROAD RESERVES TO BE STRIPPED OF TOPSOIL & VEGETABLE MATTER, FILLED USING APPROVED CLAY FILL, AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. ALL FILLING IS TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS1780:2007, SECTION 6.2, LEVEL 1.1 GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS. ON COMPLETION THE CONTRACTOR SHALL PRESENT A LEVEL "I" TYPED REPORT, FROM A NATA REGISTERED SOIL TESTING LABORATORY, NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS "CONTROLLED FILL". IF ANY SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL. PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO. 448 (SEPT '99) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE SUPERVISING ENGINEER.
- BATTERS TO BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS NOTED OTHERWISE.
- CUT BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, STRAW AND BITUMEN EMULSION.
- WHERE CUT BATTERS EXCEED 700mm AN ADDITIONAL 300mm BERM SHALL BE FORMED BEHIND FOOTPATH.
- ACCESS RAMPS ARE TO BE CONSTRUCTED WHERE CUT BATTERS EXCEED 1.0m. THEY ARE TO BE GRADED 1 IN 10 FOR THE FIRST 2.5m FROM THE BACK OF PATH AND THEN AT A MAXIMUM OF 1 IN 4 TO NATURAL SURFACE.
- ALL RESIDENTIAL FOOTPATHS SHALL BE 1.5m WIDE (MIN.) AND SHARED PEDESTRIAN/CYCLE PATHS SHALL BE 3.0m (MIN.). CONCRETE PATHS ARE TO BE 125mm THICK REINFORCED WITH S12 PLACED CENTRALLY AND UNDERLAIN BY 50mm OF CLASS 3 CR. REFER GAA STD DWG EDM401.
- PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER GAA STD DWG EDM403.
- ALL NATIVE TREES AND SHRUBS TO BE RETAINED UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL OR REMOVAL IS DIRECTED BY THE ENGINEER. A TOWN PLANNING PERMIT IS REQUIRED FOR THE REMOVAL OF NATIVE TREES AND OR VEGETATION. THE REMOVAL OR RETENTION OF ANY EXISTING TREES MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN, OR ELSE APPROVAL WILL BE REQUIRED FROM THE CASEY LANDSCAPE APPROVALS OFFICER.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO THE COMMENCEMENT OF WORKS.
- THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETE MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
- TELSTRA/NN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- PARAGONAL DISTRIBUTION PITS WITHIN FOOTPATHS ARE TO BE A MINIMUM OF 300mm WITHIN THE EDGE OF THE PATH. CONCRETE IS TO BE PLACED AROUND DISTRIBUTION PITS TO A MINIMUM DEPTH OF 200mm.
- ALL STREET SIGNS TO BE CONSTRUCTED AND ERECTED TO MALING CITY OF CASEY STANDARDS INCLUDING LOGO. COURT STREET NAMES ARE TO SHOW COURT NAME ONLY.

- TRAFFIC CONTROL SIGNS, MARKINGS & DELINEATORS TO BE INSTALLED IN ACCORDANCE WITH AS1742.2. ALL LINE MARKING IS TO BE LONG LIFE ROAD MARKING, WITH LONGITUDINAL LINES IN THERMOPLASTIC & TRANSVERSE MARKINGS IN COLD APPLIED.
 - ALL DRIVEWAYS ARE TO BE OFFSET 0.7m FROM SIDE BOUNDARIES AND EASEMENTS UNLESS OTHERWISE SHOWN, AND CONSTRUCTED AS PER GAA STD DWG EDM 501 & EDM 502
 - ALL ROADS TO BE CONSTRUCTED WITH KERB & CHANNEL AS SHOWN. REFER GAA STD DWG EDM301 & EDM302 AND CASEY COUNCIL STD DWG.
 - KERB TRANSITION TO TAKE PLACE IN THE MINOR STREET OVER A 2.0m LENGTH FROM EITHER THE TANGENT POINT OR TP PIT.
 - EXISTING ROAD WORKS TO BE RECONSTRUCTED AS REQUIRED TO PROVIDE, WITHOUT DISCONTINUITY, A CONNECTION IN ACCORDANCE WITH DESIGN LEVELS AND GRADES.
 - PAVEMENT TO CONSIST OF: ACCESS STREET - MALING WAY - PARAGON DRIVE HOLGATE AVENUE
 - a) 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE 1 ASPHALT WITH (170 BINDER)
 - b) 35mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH (170 BINDER)
 - c) PRIME & SEAL (SIZE 7) OR PRIMERSEAL (SIZE 7) WITH OIL EMULSION SEALS)
 - d) 175mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK
 - e) 120mm COMPACTED DEPTH 40mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK
 - f) 150mm COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10%
- PAVEMENT NOT TO BE FOUNDED ON CLAYEY SILT OR UNCONTROLLED FILL MATERIAL SUBGRADE. PAVEMENT TO BE AS PER SPECIFICATIONS OF CARNO GEOTECHNICAL INVESTIGATION 212555 REPORT 01.2, MARCH 2016
- EARTHWORKS MATERIALS TO BE USED AS "SELECT GRANULAR MATERIAL" MUST HAVE A SOAKED CBR OF MORE THAN 10% WITH A SWELL OF LESS THAN 1.5%. A LIQUID LIMIT OF LESS THAN 40%, PLASTICITY INDEX (PI) OF LESS THAN 25% AND A PI x LL LESS THAN 0.42mm OF LESS THAN 1200. THIS MATERIAL SHOULD ALSO HAVE A HYDRAULIC CONDUCTIVITY OF LESS THAN 1 x 10⁻⁹ m/s MEASURED AT 90% PLUS OR MINUS 5% AND COMPACTED TO A STANDARD DRY DENSITY OF 98% MINIMUM. THIS MATERIAL SHOULD BE A MINIMUM OF 150mm THICK OR AT LEAST 2% TIMES THE MAXIMUM PARTICLE SIZE IN THE LAYER. THE MATERIAL USED MUST MEET THE REQUIREMENTS OF BOTH THE SUPERINTENDANT AND THE RELEVANT COUNCIL.
- "SELECT GRANULAR MATERIAL" IS TO EXTEND TO A DISTANCE OF AT LEAST 1.0m BEHIND THE BACK OF KERB.
- IN THE EVENT THAT SELECT GRANULAR MATERIAL CAN NOT ACHIEVE A CBR OF 10% IN SITU STABILISATION IS REQUIRED TO ACHIEVE 10% C.B.R. TO A MINIMUM DEPTH OF 300mm FOR ALL ROAD PAVEMENTS.

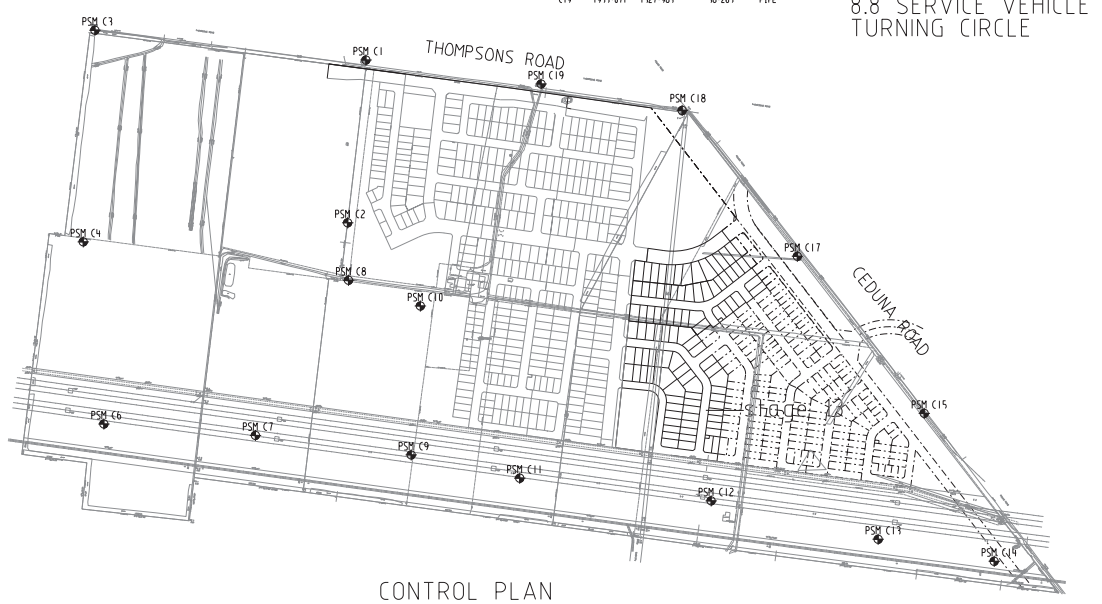
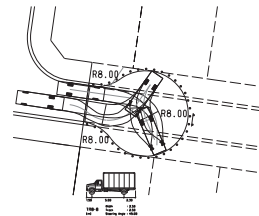
- SPEED HUMP INFILLS SHOWN THIS STAGE TO CONSIST OF:
- 200mm THICK 3%PSM CHARCOAL COLOURED CONCRETE IN GREY CEMENT WITH 6% BLACK OXIDE COLOUR TO BE ADDED TO AGGREGATE PRIOR TO POURING CONCRETE
 - SL72 MESH PLACED CENTRALLY.
 - 100mm THICK COMPACTED FCR BEDDING OR TO ROAD BASE COURSE

- MODIFICATION OF THE PAVEMENT REQUIRES APPROVAL BY THE CITY OF CASEY WORKS SUPERVISOR.
- EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL SUPERVISING ENGINEER.
- THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM'S AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTALLMENT AT THE CONTRACTORS EXPENSE.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE DEVELOPER'S CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION NO.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND PM SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- PROVIDE PAINTED PALING FENCE ALONG ANY BOUNDARY COMMON TO LOTS & MUNICIPAL RESERVES AS PER CASEY COUNCIL STD DWG S-706. PALINGS TO BE ON THE RESERVE SIDE.
- PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MM STD DWG 251/4/2013) ALONG EXTENT OF OUTFALL DRAIN WHERE THE DRAIN IS GREATER THAN 1.5m IN DEPTH AND SIDE SLOPES ARE STEEPER THAN 1 IN 3. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.
- A TEMPORARY FENCE SHALL BE ERECTED AND MAINTAINED AROUND EXISTING TREES, NOMINATED TO BE RETAINED, AT ALL TIMES DURING CONSTRUCTION. FOR FENCING DETAILS AND CONSTRUCTION WORKS WITHIN THE "TREE PROTECTION ZONE" REFER TO THE ARBORCULTURAL INSPECTION REPORT BY A & R TREE SURGEONS (18th MARCH 2003).
- CONTRACTOR TO REMOVE EXISTING IRRIGATION AND DRAINAGE PIPES AND PITS ENCOUNTERED ON SITE. TRENCHES TO BE BACKFILLED IN ACCORDANCE WITH NOTES 16 & 17.

- TACTILE GROUND SURFACE INDICATORS (TGS1) ARE TO BE INSTALLED AT ALL PRAM CROSSINGS AND PEDESTRIAN CROSS POINTS, REFER GAA STD DWG EDM403.
- MAXIMUM CROSSFALL ON FOOTPATHS TO BE 1in50 (30mm FOR 1.50m PATH)
- AS CONSTRUCTED PLANS AND ELECTRONIC ASSET INFORMATION IN D-SPEC AND R-SPEC FORMAT MUST BE SUBMITTED TO COUNCIL PRIOR TO PRACTICAL COMPLETION
- A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION
- THE CROSSOVERS MUST BE PROVIDED A MINIMUM OF 3.50m WIDTH AND MAXIMUM GRADE OF 1in10
- TEMPORARY CRUSHED ROCK TURN AROUND AREAS MUST BE MAINTAINED IN A SAFE AND SOUND CONDITION SO THAT VEHICLES ARE ABLE TO USE THEM AT ALL TIMES



PSM No.	NORTH	EAST	R-L	DESCRIPTION
C1	2000-000	1000-000	28-899	STAR PICKET
C2	1695-257	905-780	30-444	PIPE
C3	2055-694	402-880	25-556	PIPE
C4	1659-550	470-607	26-904	PIPE
C6	1710-521	509-292	32-487	PIPE
C7	1297-185	793-017	32-267	PIPE
C8	1587-675	967-320	34-826	PIPE
C9	1268-619	1084-717	33-827	PIPE
C10	1539-465	1101-904	38-889	PIPE
C11	1217-031	1287-981	38-896	SPIKE
C12	1174-552	1694-941	40-068	SPIKE
C13	1182-750	1950-197	31-577	SPIKE
C14	1061-513	2176-471	37-240	SPIKE
C15	1388-422	2084-425	27-488	SPIKE
C17	1632-424	1801-915	27-948	SPIKE
C18	1905-634	1592-178	26-713	PH6
C19	1955-071	1327-983	38-265	PIPE



CONTROL PLAN

SHEET INDEX

SHEET No	VER	DESCRIPTION
1	C	FACE SHEET
2	C	LAYOUT PLAN
3	C	TYPICAL CROSS SECTIONS, RETAINING WALL DETAILS, PAVEMENT DETAILS
4	C	INTERSECTION DETAILS
5	C	PARAGON DRIVE LONGITUDINAL SECTION
6	C	PARAGON DRIVE LONGITUDINAL AND CROSS SECTIONS
7	C	PARAGON DRIVE CROSS SECTIONS
8	C	HOLGATE AVENUE LONGITUDINAL SECTION
9	C	HOLGATE AVENUE CROSS SECTIONS
10	C	HOLGATE AVENUE CROSS SECTIONS
11	C	MALING WAY LONGITUDINAL AND CROSS SECTIONS
12	C	STORMWATER DRAINAGE LONGITUDINAL SECTIONS
13	C	STORMWATER DRAINAGE LONGITUDINAL SECTIONS AND PIT SCHEDULE
14	C	STORMWATER DRAINAGE LONGITUDINAL SECTIONS
15	C	STORMWATER DRAINAGE LONGITUDINAL SECTIONS
16	C	STAGING AND LINE MARKING PLAN

<p>brees pitt dixon pty. ltd. land surveyors civil engineers</p>		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		<p>MELWAY REF. 131-C-12</p> <p>24-10-18 ROAD NAME CHANGES SURVEY B.P.D.</p> <p>8-07-18 GENERAL AMENDMENTS DESIGN RK</p> <p>28-05-18 ISSUED FOR CONSTRUCTION DRAWN RK</p>	
<p>AMENDMENTS</p> <p>VER. DATE</p>		<p>SCALE AS SHOWN DATUM AHD</p> <p>DATE MAR. 18</p> <p>SHEET 1 OF 16</p>	
<p>MANCIPALITY CASEY</p> <p>REFERENCE 8129 E/13</p>		<p>PROJECT: MERIDIAN ESTATE STAGE 13</p>	

