

NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT AND THE CITY OF CASEY AND VPA CURRENT 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.(I.U.). PIPES LAYED ON A CURVE TO BE RRJ.
- R.C. PIPES TO BE CLASS 2 & P.V.C PIPES TO BE CLASS 5H 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 45Deg. INFLUENCE LINE FROM THE B.O.K. INTERSECTS WITH THE NEAREST TRENCH 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 :  
i) BENEATH THE ROAD OR DRIVEWAY PAVEMENT TO THE UNDERSIDE OF THE PAVEMENT.  
ii) 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.  
iii) 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 LODGED 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 500mm. REFER GAA STD DWGS EDCM703, EDCM702, EDCM703 & EDCM704.
- LOTS DENOTED THUS 25H ARE TO BE PROVIDED WITH A 100mm DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS OTHERWISE SHOWN. REFER GAA STD DWGS EDCM701 & EDCM703.
- AGRICULTURAL PIPE DRAINS, AS PER GAA STD DWG EDCM202, 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 TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS3798-2007, SECTION 8.2, LEVEL 1 ("GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS"). ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL 1" 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 '95) 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 RAMP 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 SL72 PLACED CENTRALLY AND UNDERLAIN BY 50mm OF CLASS 3 CR. REFER GAA STD DWG EDCM401.
- PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER GAA STD DWG EDCM403.
- 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/NBN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- ELECTRICAL 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 CURRENT 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 0.75m FROM SIDE BOUNDARIES AND EASEMENTS UNLESS OTHERWISE SHOWN, AND CONSTRUCTED AS PER GAA STD DWGS EDCM 501 & EDCM 502
- ALL ROADS TO BE CONSTRUCTED WITH KERB & CHANNEL AS SHOWN. REFER GAA STD DWGS EDCM301 & EDCM302 AND CASEY COUNCIL STD DWGS.
- 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 -PICNIC AVENUE
  - 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE L ASPHALT WITH C170 BINDER
  - 35mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH C170 BINDER
  - PRIME & SEAL (SIZE 7) OR PRIMERSEAL (SIZE 7) BOTH EMULSION SEALS
  - 15mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK
  - 120mm COMPACTED DEPTH 40mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK
  - 150mm COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10%

DEPTH 460mm  
PAVEMENT TO CONSIST OF: ACCESS STREET - NEWGRANGE BOULEVARD

a) 40mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH C320 BINDER  
b) 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE S1 ASPHALT WITH C320 BINDER  
c) 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE SF ASPHALT WITH C320 BINDER  
d) 100mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 CRUSHED ROCK  
e) 100mm COMPACTED DEPTH 40mm NOMINAL SIZE CLASS 3 CRUSHED ROCK  
f) 150mm COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10%

DEPTH 540mm  
PAVEMENT TO CONSIST OF: ACCESS STREET -MATTERHORN DRIVE

a) 40mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH C320 BINDER  
b) 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE S1 ASPHALT WITH C320 BINDER  
c) 75mm COMPACTED DEPTH 20mm NOMINAL SIZE TYPE SF ASPHALT WITH C320 BINDER  
d) 100mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 CRUSHED ROCK  
e) 100mm COMPACTED DEPTH 40mm NOMINAL SIZE CLASS 3 CRUSHED ROCK  
f) 200mm COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10%

DEPTH 590mm  
PAVEMENT NOT TO BE FOUNDED ON CLAYEY SILT OR UNCONTROLLED FILL MATERIAL SUBGRADE. PAVEMENT TO BE AS PER SPECIFICATIONS OF CARNO GEOTECHNICAL INVESTIGATION 215255 REPORT 01.2, MARCH 2016

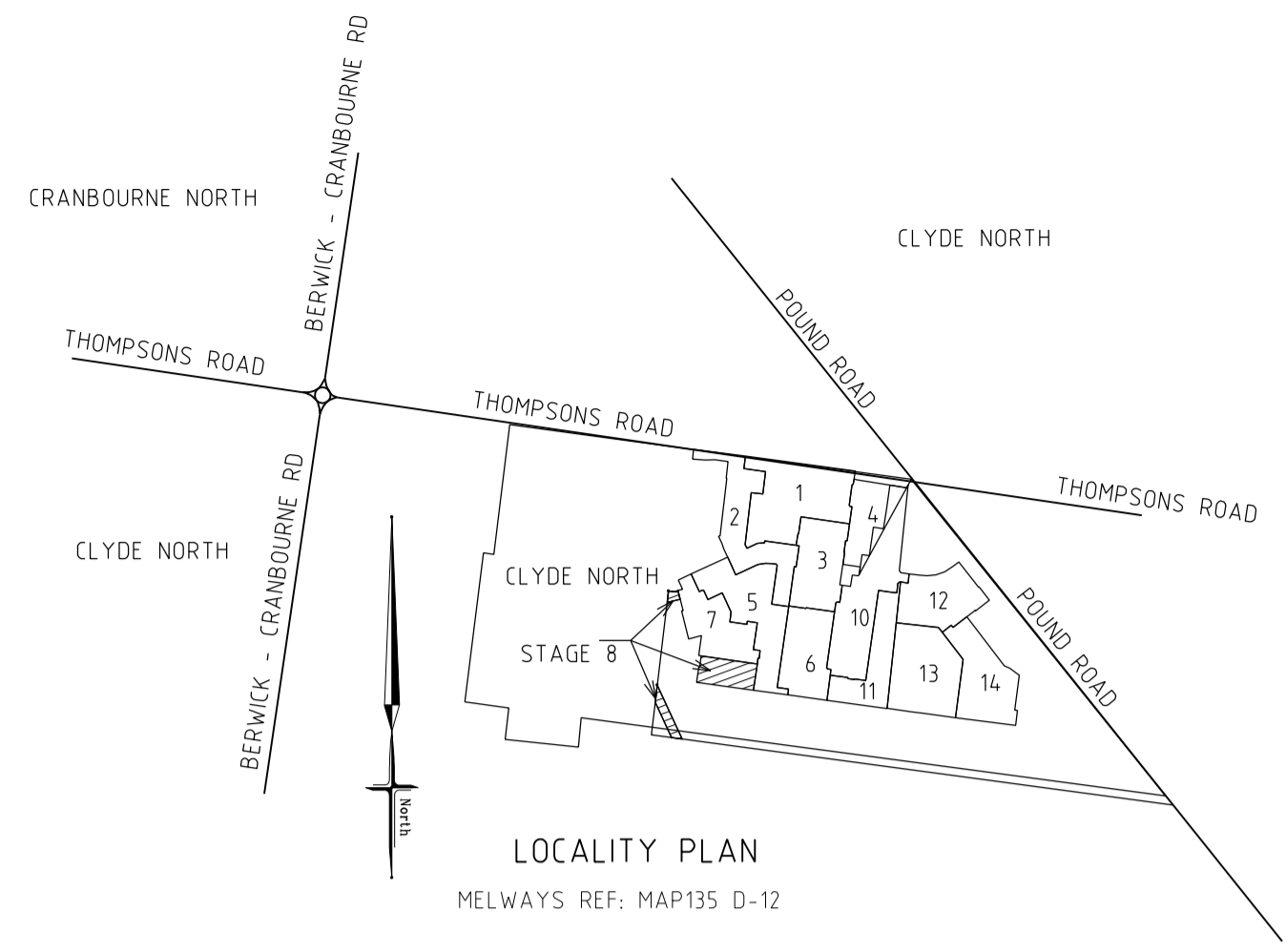
EARTHWORKS MATERIALS TO BE USED AS 'SELECT GRANULAR MATERIAL' MUST HAVE A SOAKED CBR OF MORE THAN 10% WITH A SWELL OF LESS THAN 1.5%, A LIQUID LIMIT OF LESS THAN 50%, A PLASTICITY INDEX (PI) OF LESS THAN 2% AND A PI x % LESS THAN 0.425mm OF LESS THAN 1200. THIS MATERIAL SHOULD ALSO HAVE A HYDRAULIC CONDUCTIVITY OF LESS THAN 1 x 10^-4 m/s MEASURED AT 0% PLUS OR MINUS 5% AND COMPACTED TO A STANDARD DRY DENSITY RATIO OF 98% PLUS OR MINUS 1%. THIS LAYER SHOULD BE A MINIMUM OF 150mm THICK OR AT LEAST 2.5 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.

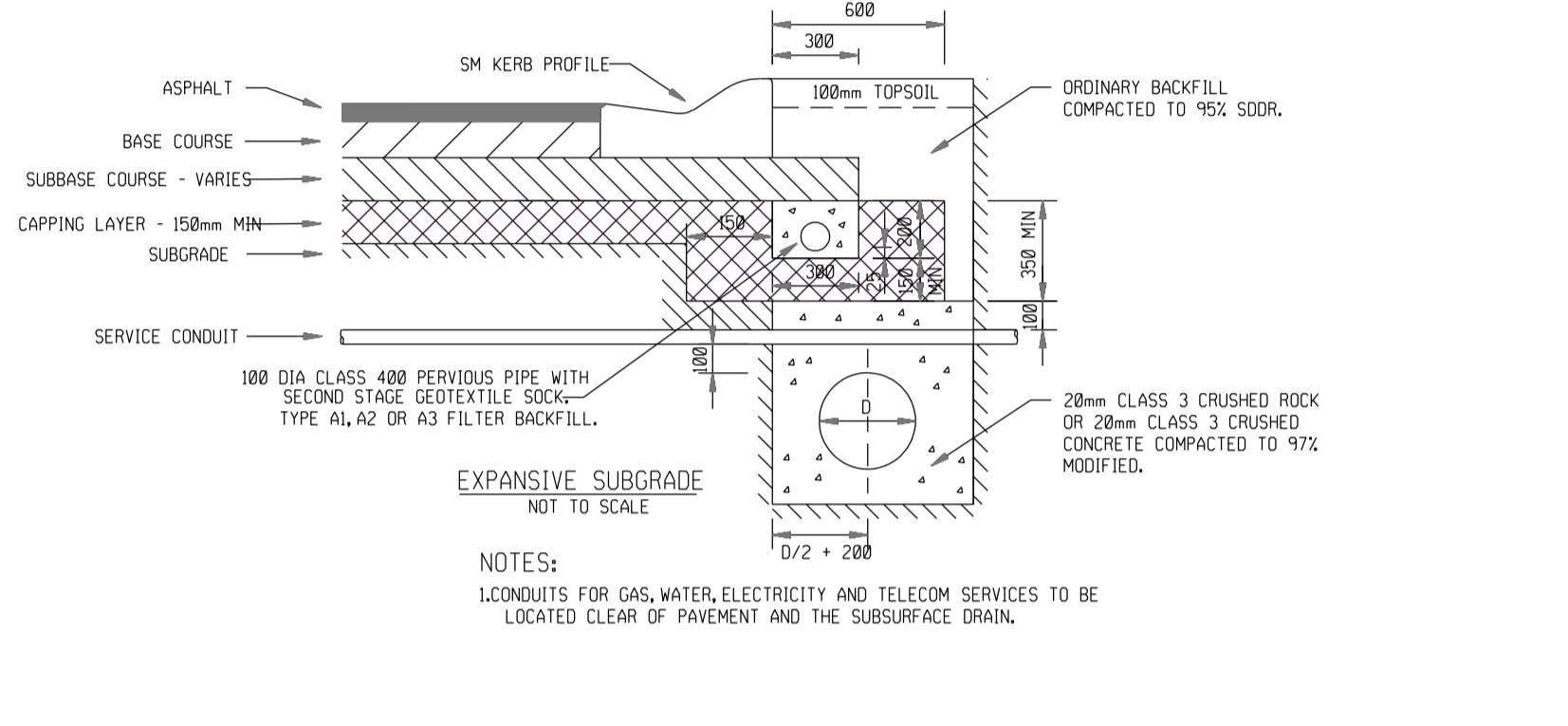
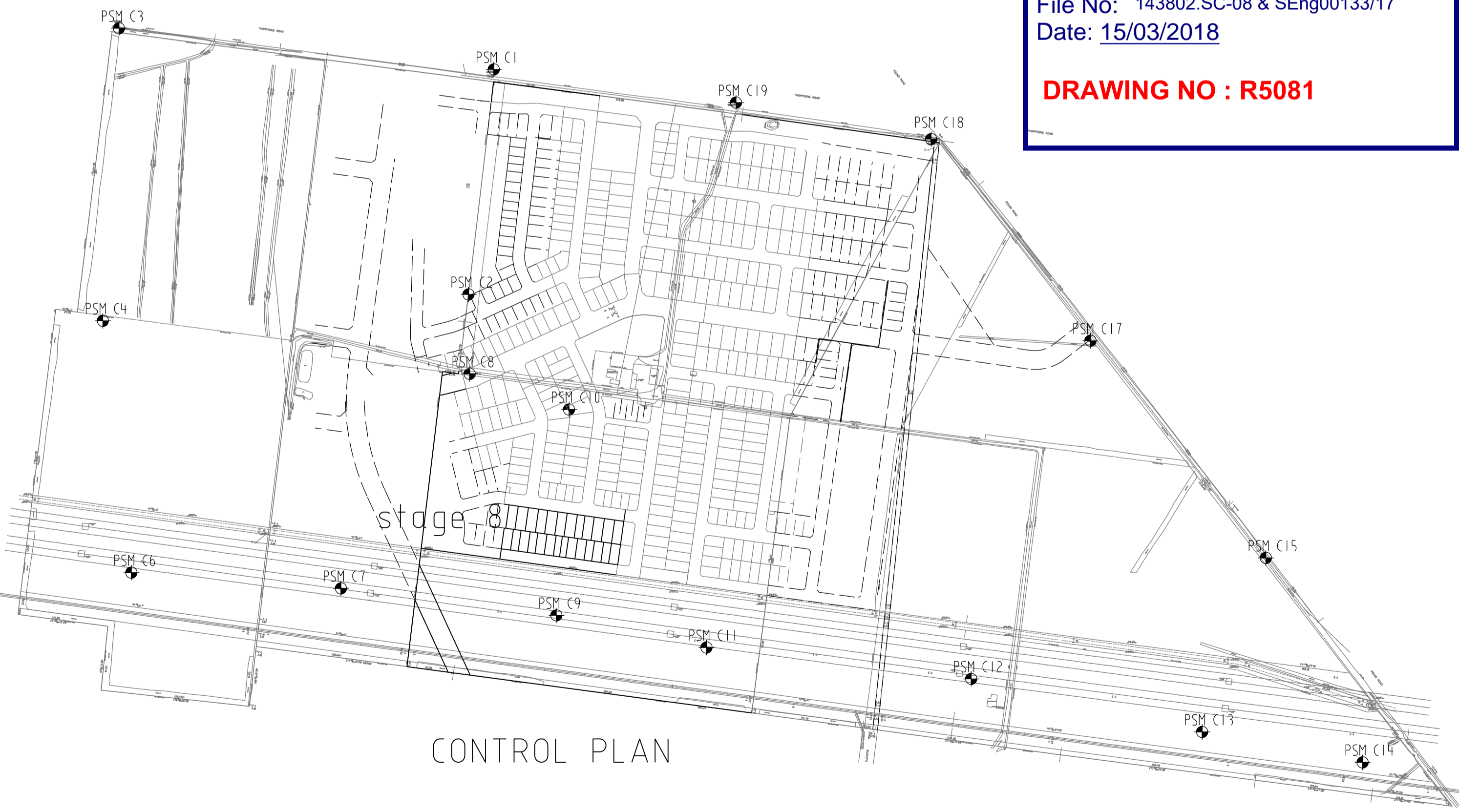
IN THE EVENT THAT SELECT GRANULAR MATERIAL CAN NOT ACHIEVE A CBR OF 10% IN SITU STABILISATION IS REQUIRED TO ACHIEVE 10% C.B.R. TO A MINIMUM DEPTH OF 300mm FOR ALL ROAD PAVEMENTS.

SPEED HUMP INFILLS SHOWN THUS TO CONSIST OF:  
a) 200mm THICK 32MPa CHARCOAL COLOURED CONCRETE IN GREY CEMENT WITH 6% BLACK OXIDE COLOUR TO BE ADDED TO AGGREGATE PRIOR TO POURING CONCRETE SL72 MESH PLACED CENTRALLY.  
b) 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-INSTATEMENT 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 MW 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 MW STD DWG 7251/4/2013) 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 ARBORICULTURAL 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 (TGS) ARE TO BE INSTALLED AT ALL PRAM CROSSINGS AND PEDESTRIAN CROSS POINTS, REFER GAA STD DWG EDCM403.
- MAXIMUM CROSSFALL ON FOOTPATHS TO BE 1 in 50 (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 1 in 10
- 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.	LOCAL GRID	R-L	DESCRIPTION
	NORTH		
C1	2000-000	1000-000	28-899 STAR PICKET
C2	1695-257	965-780	36-446 PEG
C3	2055-694	492-480	25-556 PIPE
C4	1659-550	470-607	28-904 PIPE
C6	1318-521	509-245	32-487 PIPE
C7	1297-165	793-017	32-267 PIPE
C8	1587-675	967-320	34-826 PIPE
C9	1260-619	1084-717	33-827 PIPE
C10	1539-465	1101-904	38-089 PIPE
C11	1217-031	1287-981	38-896 SPIKE
C12	1174-552	1646-441	46-068 SPIKE
C13	1102-750	1959-197	31-577 SPIKE
C14	1061-513	2176-471	37-240 SPIKE
C15	1338-422	2045-425	27-488 SPIKE
C17	1632-524	1807-915	27-040 SPIKE
C18	1905-634	1592-178	26-713 PMS6
C19	1955-071	1327-983	38-265 PIPE



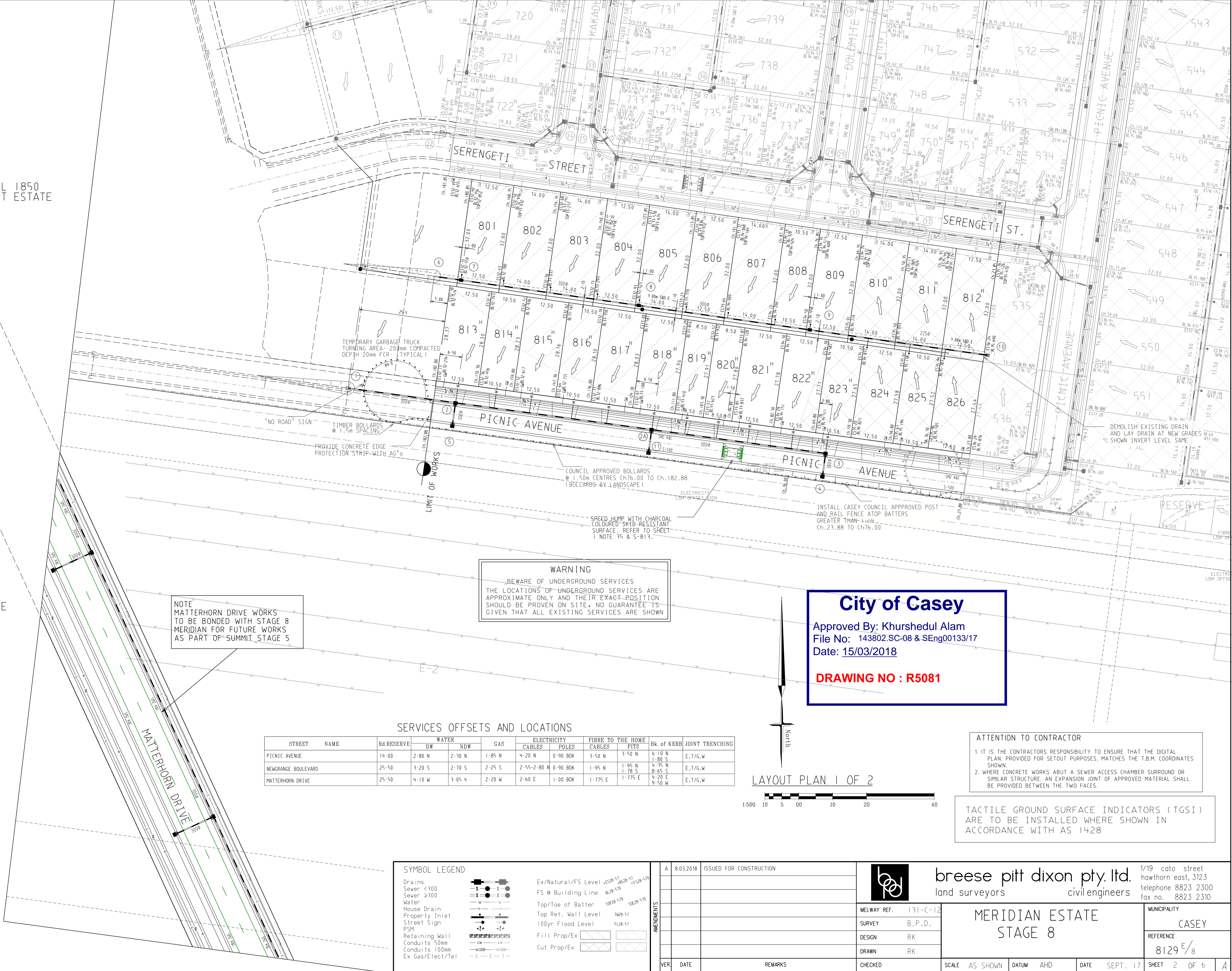
NOTES:  
1) CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND THE SUBSURFACE DRAIN.

**City of Casey**  
Approved By: Khurshedul Alam  
File No: 143802.SC-08 & SEng00133/17  
Date: 15/03/2018  
**DRAWING NO : R5081**

AMENDMENTS	A	03.03.2018	ISSUED FOR CONSTRUCTION	<p><b>breese pitt dixon pty. ltd.</b> land surveyors          civil engineers 1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310</p>	<p><b>MERIDIAN ESTATE</b> <b>STAGE 8</b></p>	MUNICIPALITY <b>CASEY</b>	REFERENCE <b>8129 E/8</b>		
VER	DATE	REMARKS		CHECKED	SCALE AS SHOWN	DATUM AHD	DATE SEPT. 17	SHEET 1 OF 6	A

PARCEL 1850  
SUMMIT ESTATE  
WORKS

PARCEL 1850  
SUMMIT ESTATE  
WORKS



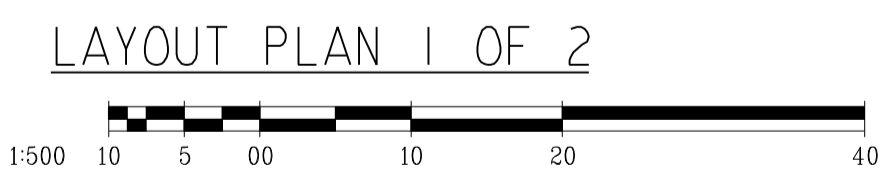
NOTE  
MATTERHORN DRIVE WORKS  
TO BE BONDED WITH STAGE 8  
MERIDIAN FOR FUTURE WORKS  
AS PART OF SUMMIT STAGE 5

**WARNING**  
BEWARE OF UNDERGROUND SERVICES  
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN

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SERVICES OFFSETS AND LOCATIONS

STREET NAME	Rd RESERVE	WATER		GAS	ELECTRICITY		FIBRE TO THE HOME		Bk. of KERB	JOINT TRENCHING
		DW	NDW		CABLES	POLES	CABLES	PITS		
PICNIC AVENUE	14-00	2-80 N	2-30 N	1-85 N	4-20 N	0-90 BOK	3-50 N	3-50 N	6-10 N 1-80 S	E, T/G, W
NEWGRANGE BOULEVARD	25-50	3-20 S	2-70 S	2-25 S	2-55-2-80 N	0-90 BOK	1-95 N	1-95 N 1-78 S	4-35 N 8-65 S	E, T/G, W
MATTERHORN DRIVE	25-50	4-10 W	3-05 W	2-20 W	2-60 E	1-00 BOK	1-775 E	1-775 E 9-50 W		E, T/G, W



**ATTENTION TO CONTRACTOR**  
1. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE T.B.M. COORDINATES SHOWN.  
2. WHERE CONCRETE WORKS ABOUT A SEWER ACCESS CHAMBER SURROUND OR SIMILAR STRUCTURE, AN EXPANSION JOINT OF APPROVED MATERIAL SHALL BE PROVIDED BETWEEN THE TWO FACES.

TACTILE GROUND SURFACE INDICATORS (TGSi) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH AS 1428

**SYMBOL LEGEND**

Drains	—S—S—	Ex/Natural/FS Level	—E528-57
Sewer <300	—S—S—	FS @ Building Line	—B28-570
Sewer >300	—S—S—	Top/Toe of Batter	—T28-570
Water	—W—W—	Top Ret. Wall Level	—TW28-57
House Drain	—H—H—	100yr Flood Level	—FL28-57
Property Inlet	—P—P—	Fill Prop/Ex	—F—F—
Street Sign	—S—S—	Cut Prop/Ex	—C—C—
PSM	—P—P—		
Retaining Wall	—R—R—		
Conduits 50mm	—C—C—		
Conduits 100mm	—C—C—		
Ex Gas/Elect/Tel	—G—E—T—		

ISSUED FOR CONSTRUCTION	8.03.2018	
AMENDMENTS		
VER	DATE	REMARKS

**breese pitt dixon pty. ltd.**  
land surveyors civil engineers

1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310

**MELWAY REF.** 131-C-12  
**SURVEY** B.P.D.  
**DESIGN** RK  
**DRAWN** RK

**MERIDIAN ESTATE STAGE 8**

**MUNICIPALITY** CASEY  
**REFERENCE** 8129 E/8

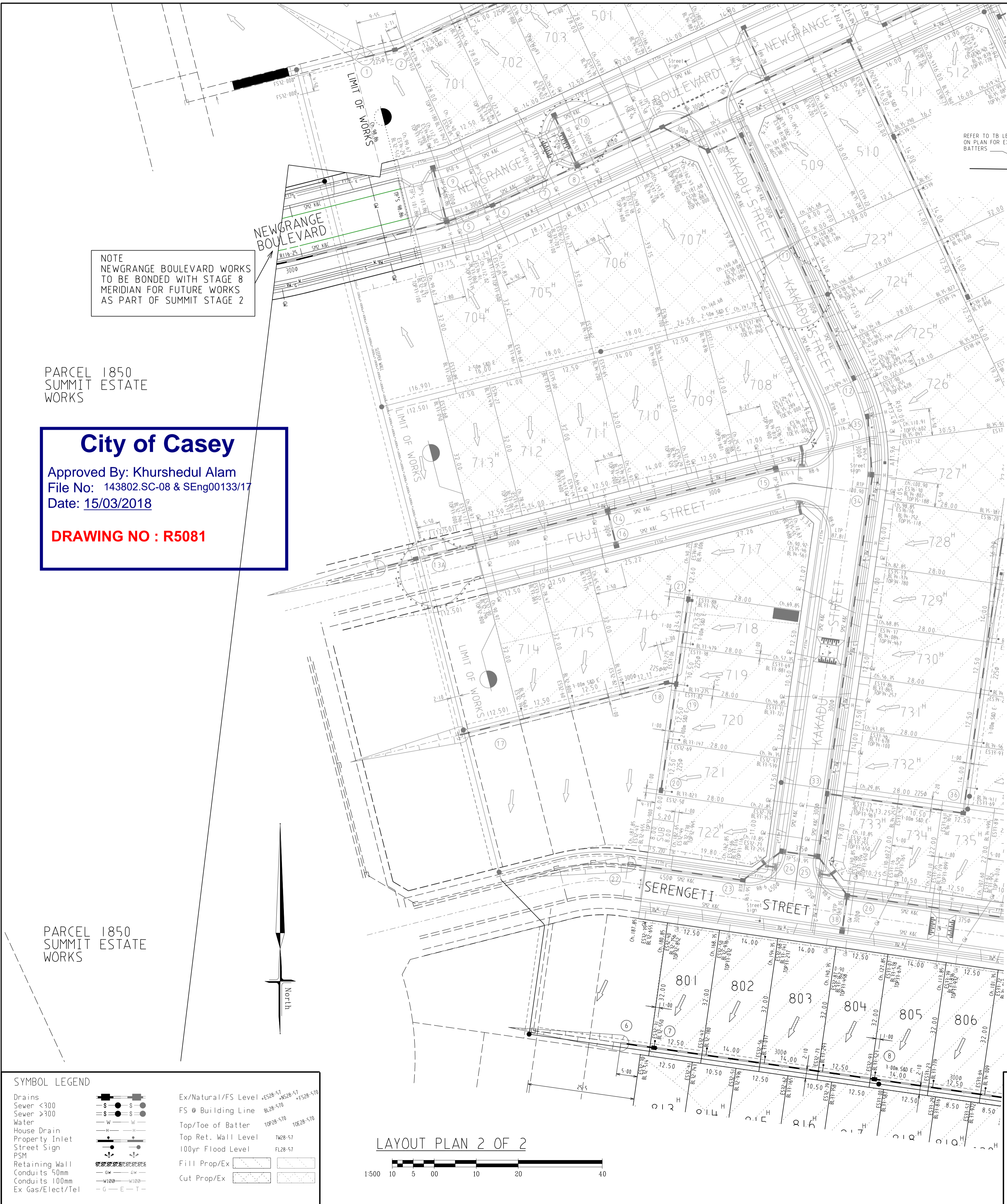
**CHECKED** SCALE AS SHOWN **DATUM** AHD **DATE** SEPT. 17 **SHEET** 2 OF 6

NOTE  
NEWGRANGE BOULEVARD WORKS  
TO BE BONDED WITH STAGE 8  
MERIDIAN FOR FUTURE WORKS  
AS PART OF SUMMIT STAGE 2

PARCEL 1850  
SUMMIT ESTATE  
WORKS

**City of Casey**  
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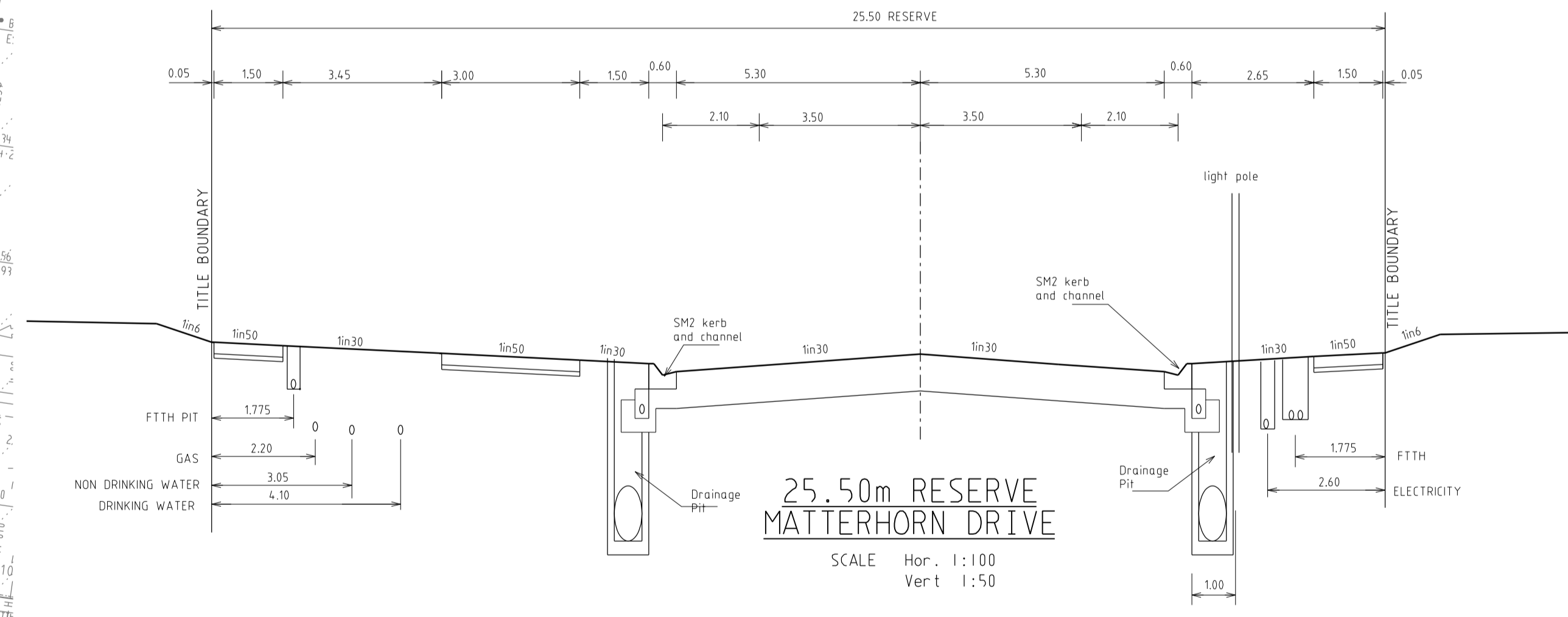
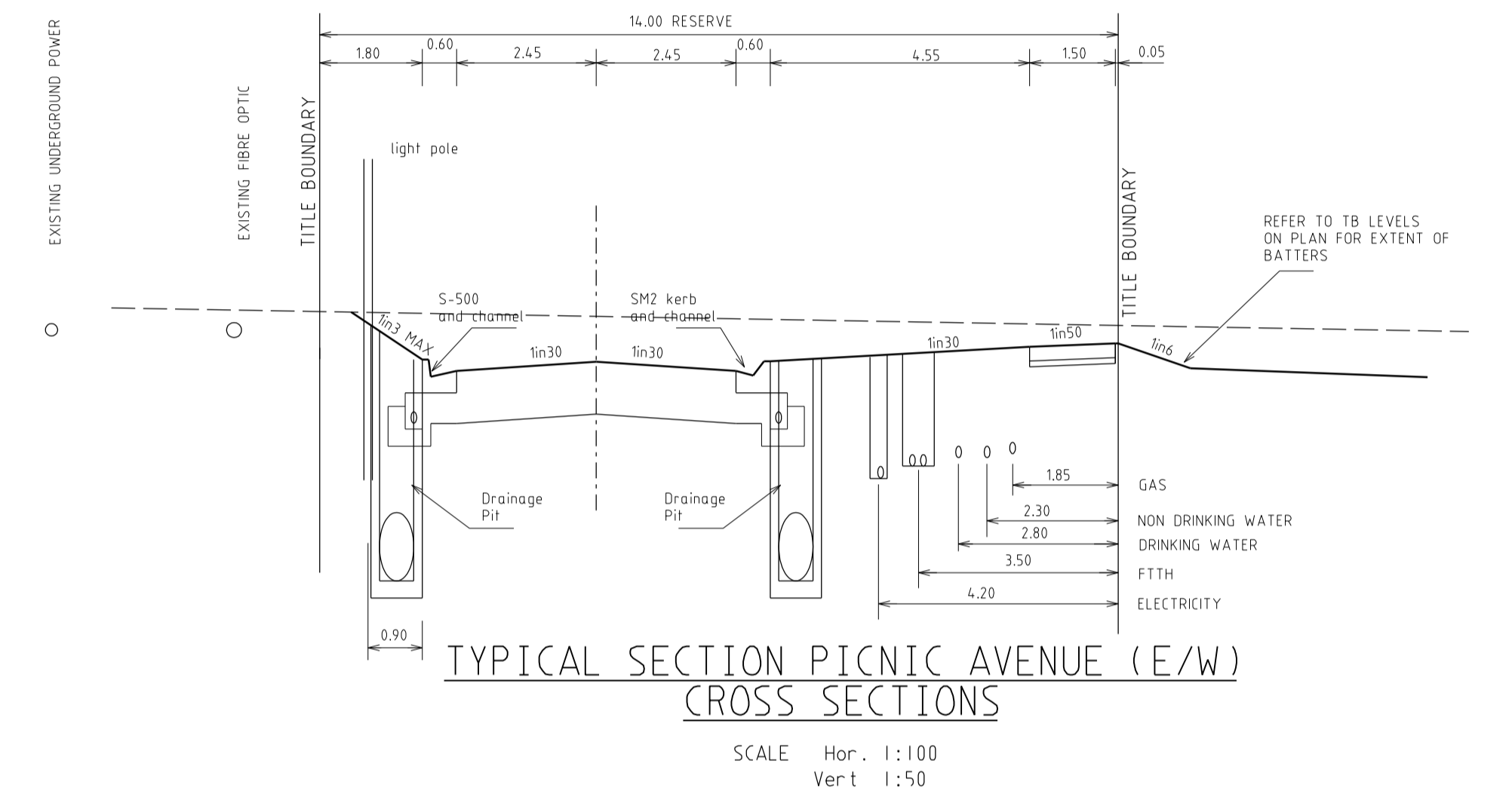
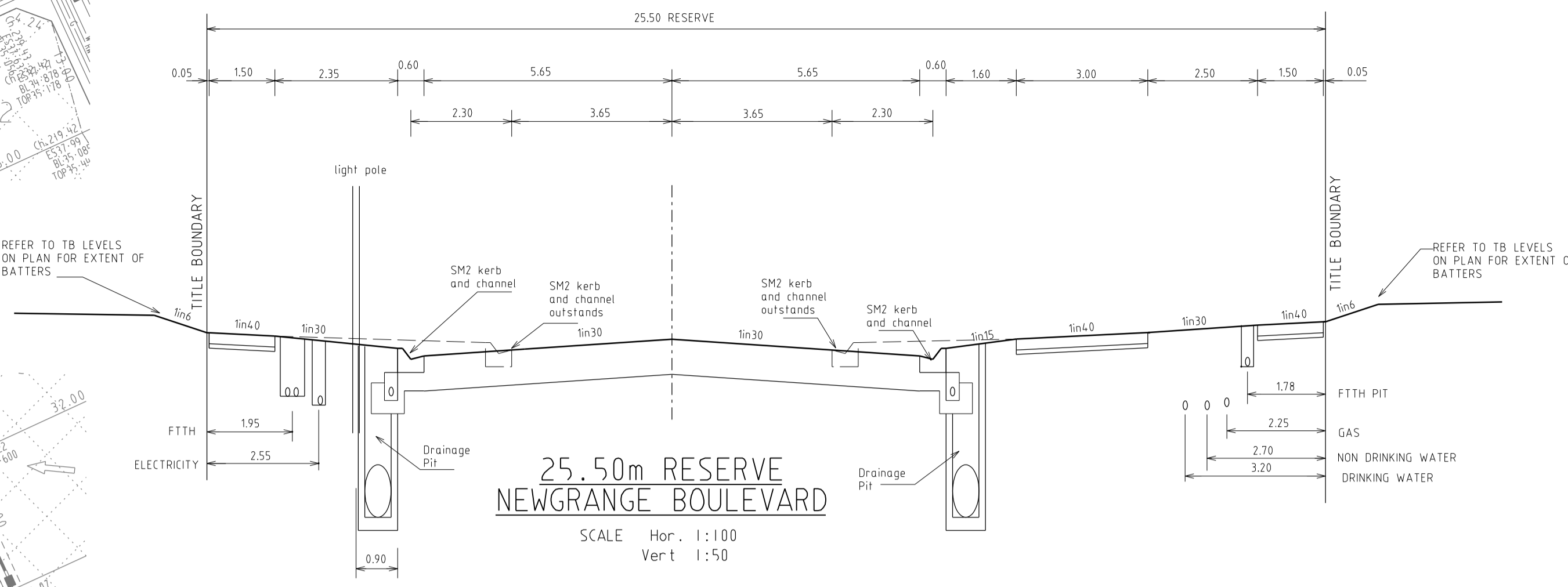
PARCEL 1850  
SUMMIT ESTATE  
WORKS



LAYOUT PLAN 2 OF 2

**SYMBOL LEGEND**

Drains		Ex/Natural/FS Level	
Sewer <100		FS @ Building Line	
Sewer >100		Top/Toe of Batter	
Water		Top Ret. Wall Level	
House Drain		100yr Flood Level	
Property Inlet		Fill Prop/Ex	
Street Sign		Cut Prop/Ex	
PSM			
Retaining Wall			
Conduits 50mm			
Conduits 100mm			
Ex Gas/Elect/Tel			



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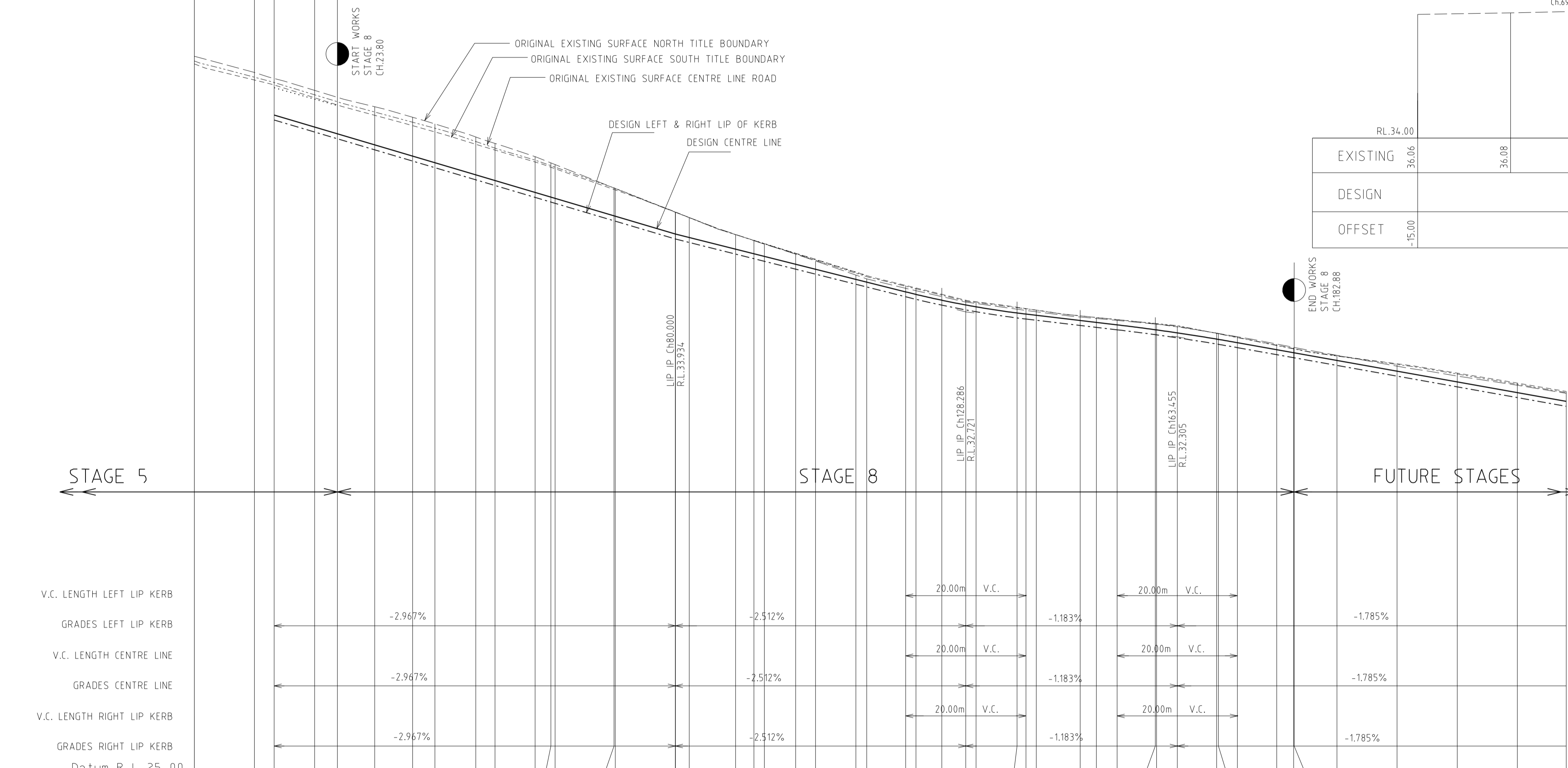
TACTILE GROUND SURFACE INDICATORS (TGSIs) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH AS 1428

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						REFERENCE	8129 E/8					
						SHEET	3 OF 6					
						DATE	SEPT. 17					
VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	SEPT. 17	SHEET	3 OF 6	A

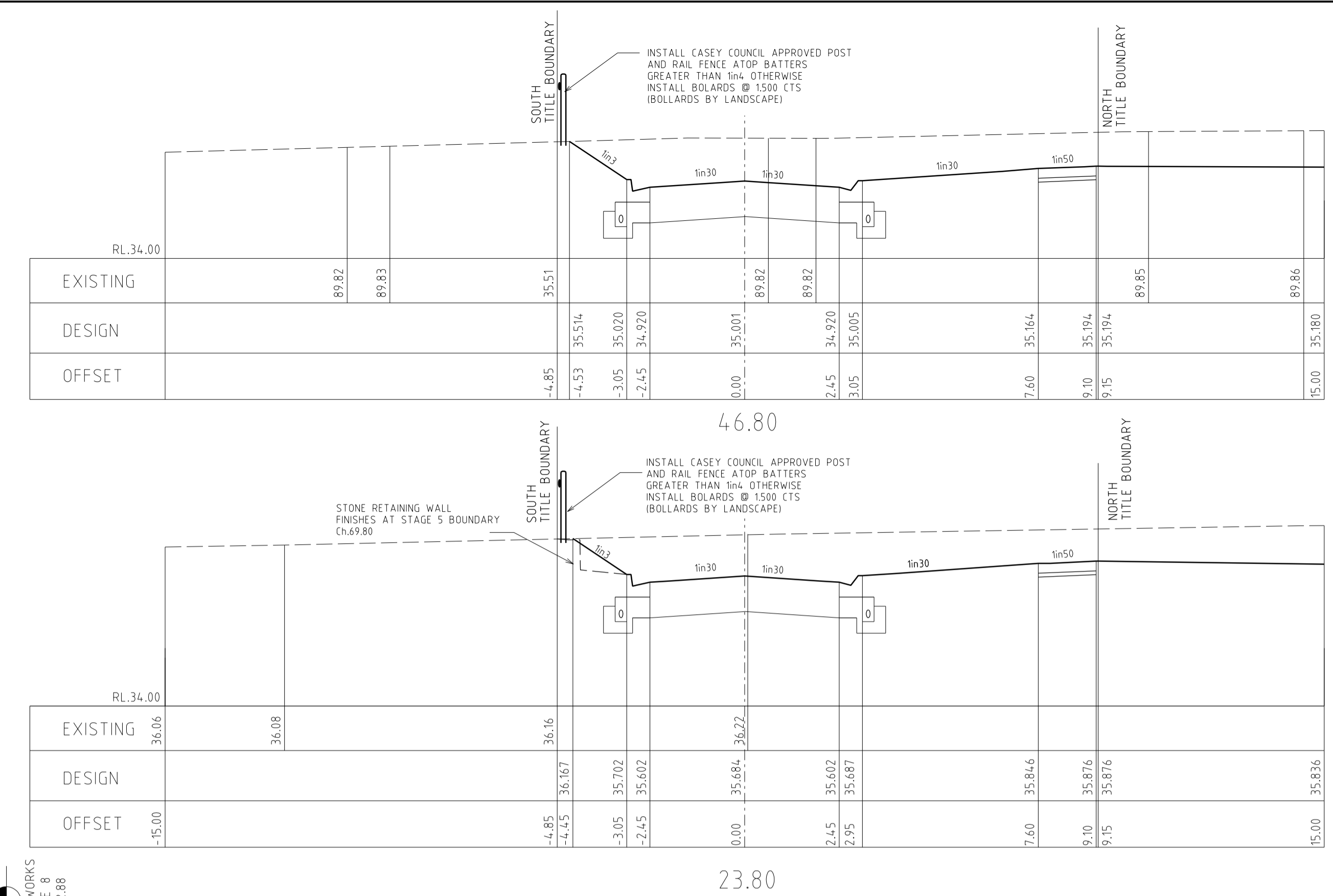
CHAINAGE CENTRE LINE ROAD	0.00	10.00	13.28	20.00	23.80
DESIGN TOP OF RETAINING WALL		36.452	36.260	36.152	



V.C. LENGTH LEFT LIP KERB						20.00m	V.C.	20.00m	V.C.	20.00m	V.C.
GRADES LEFT LIP KERB						-2.967%			-1.183%		-1.785%
V.C. LENGTH CENTRE LINE						20.00m	V.C.	20.00m	V.C.	20.00m	V.C.
GRADES CENTRE LINE						-2.967%			-1.183%		-1.785%
V.C. LENGTH RIGHT LIP KERB						20.00m	V.C.	20.00m	V.C.	20.00m	V.C.
GRADES RIGHT LIP KERB						-2.967%			-1.183%		-1.785%
Datum R.L.25.00											
ORIGINAL ES LEFT TITLE BOUNDARY	36.308	36.300	36.308	36.315	36.327	36.339	36.351	36.363	36.375	36.387	36.400
DESIGN LEFT LIP OF KERB	36.402	36.412	36.420	36.428	36.436	36.444	36.452	36.460	36.468	36.476	36.484
DESIGN CENTRE LINE	36.494	36.504	36.512	36.520	36.528	36.536	36.544	36.552	36.560	36.568	36.576
DESIGN RIGHT LIP OF KERB	36.588	36.598	36.606	36.614	36.622	36.630	36.638	36.646	36.654	36.662	36.670
ORIGINAL ES RIGHT TITLE BOUNDARY	36.680	36.690	36.700	36.710	36.720	36.730	36.740	36.750	36.760	36.770	36.780
ES CENTRE LINE ROAD	36.790	36.800	36.810	36.820	36.830	36.840	36.850	36.860	36.870	36.880	36.890
CHAINAGE CENTRE LINE ROAD	0.00	10.00	13.28	20.00	23.80	30.00	36.30	40.00	46.80	50.00	56.47

PICNIC AVENUE (E/W) LONGITUDINAL SECTION

SCALE Hor. 1:500  
Vert. 1:50



PICNIC AVENUE (E/W) CROSS SECTIONS

SCALE Hor. 1:100  
Vert. 1:50

**City of Casey**  
Approved By: Khurshedul Alam  
File No: 143802.SC-08 & SEng00133/17  
Date: 15/03/2018  
**DRAWING NO : R5081**

AMENDMENTS	DATE	REMARKS
A	8.03.2018	ISSUED FOR CONSTRUCTION

**breeze pitt dixon pty. ltd.**  
land surveyors civil engineers

MELWAY REF. 131-C-12  
SURVEY B.P.D.  
DESIGN RK  
DRAWN RK

**MERIDIAN ESTATE  
STAGE 8**

MUNICIPALITY CASEY  
REFERENCE 8129 E/8

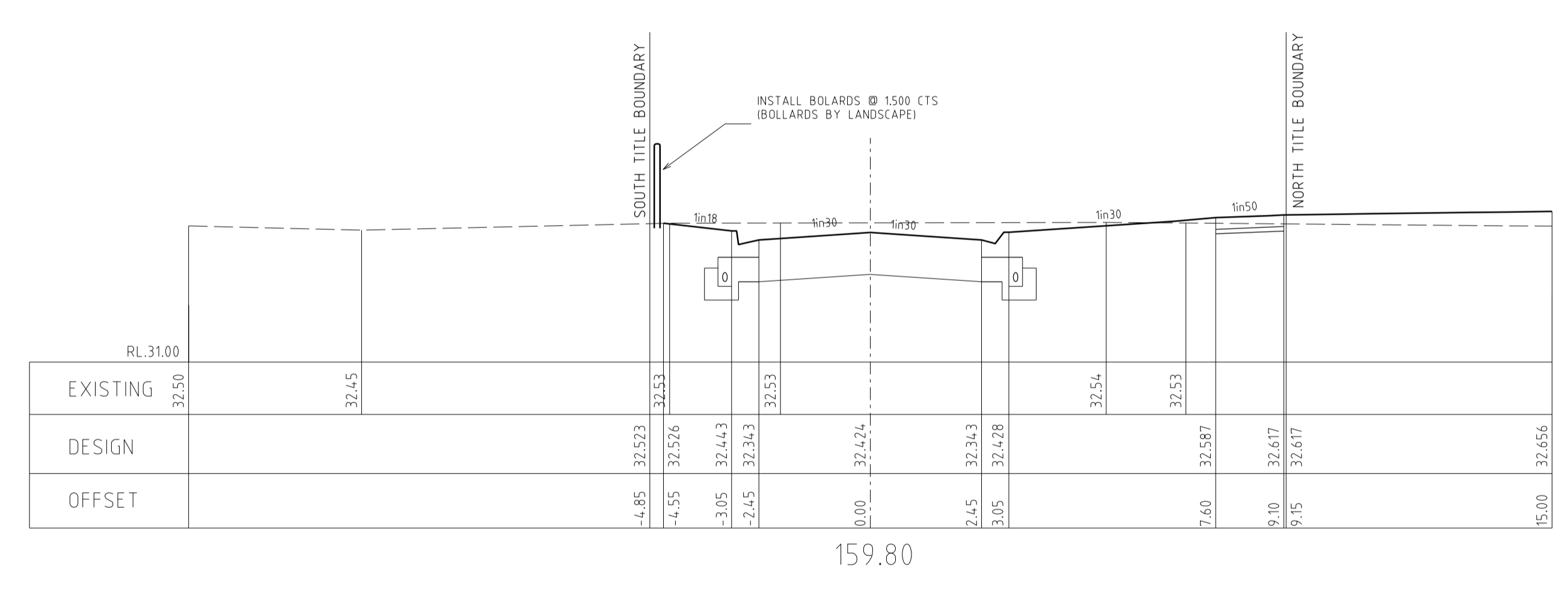
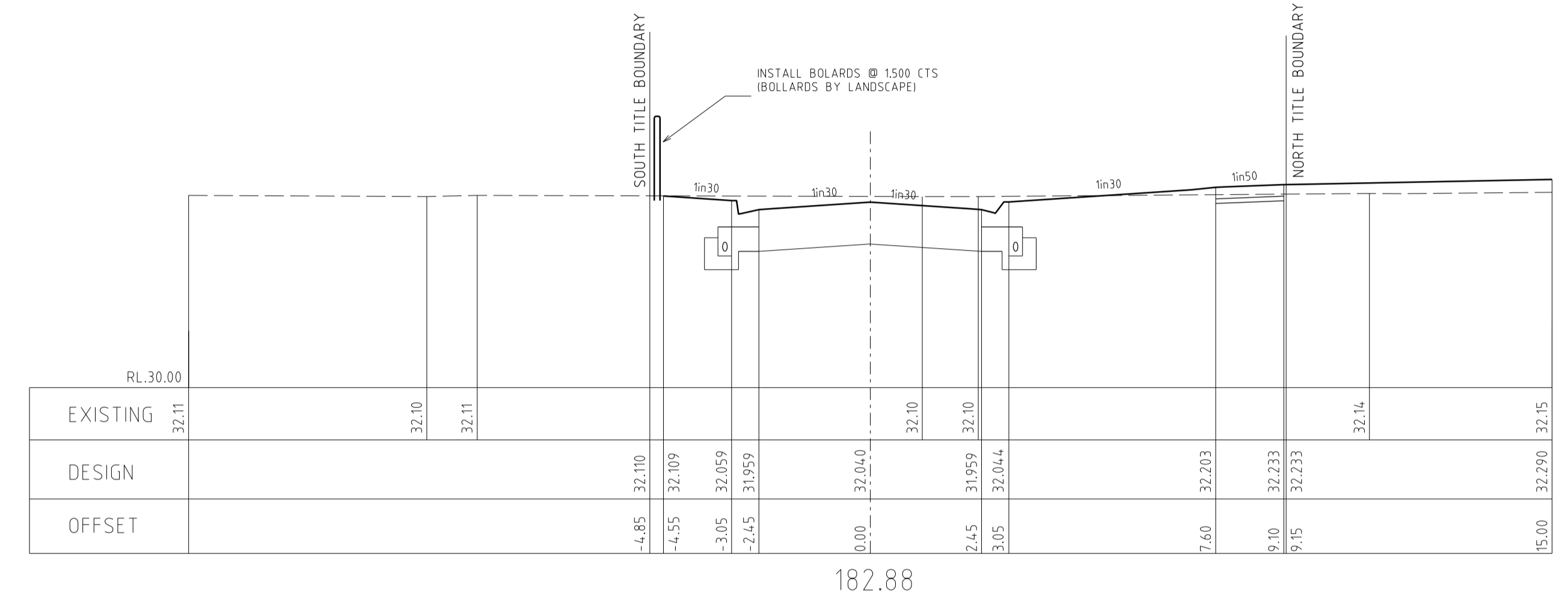
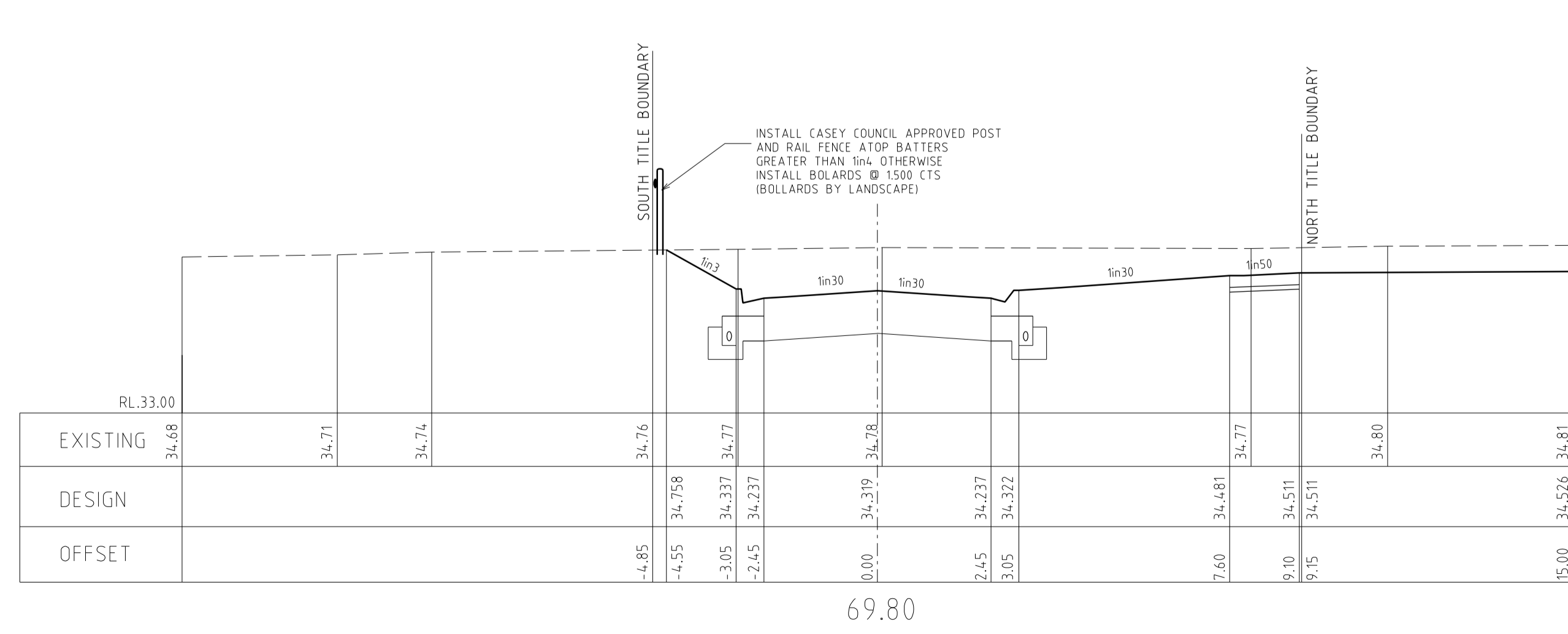
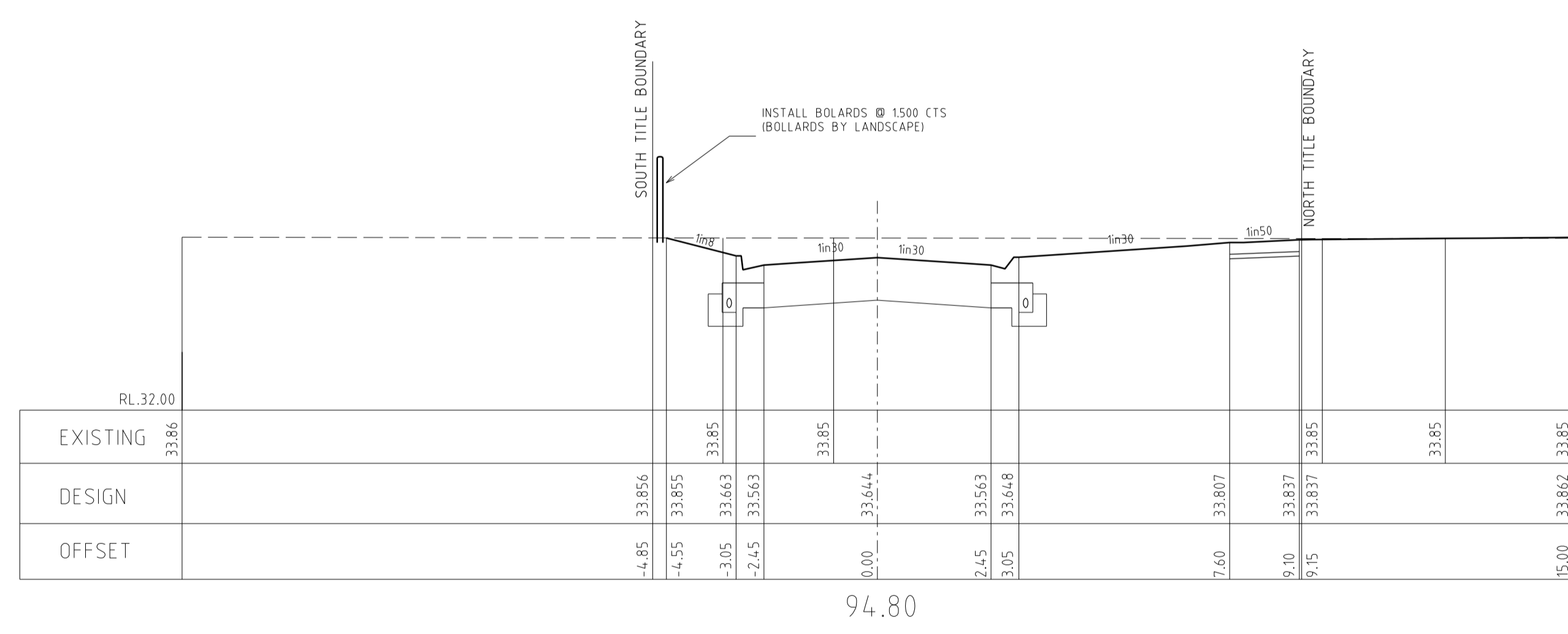
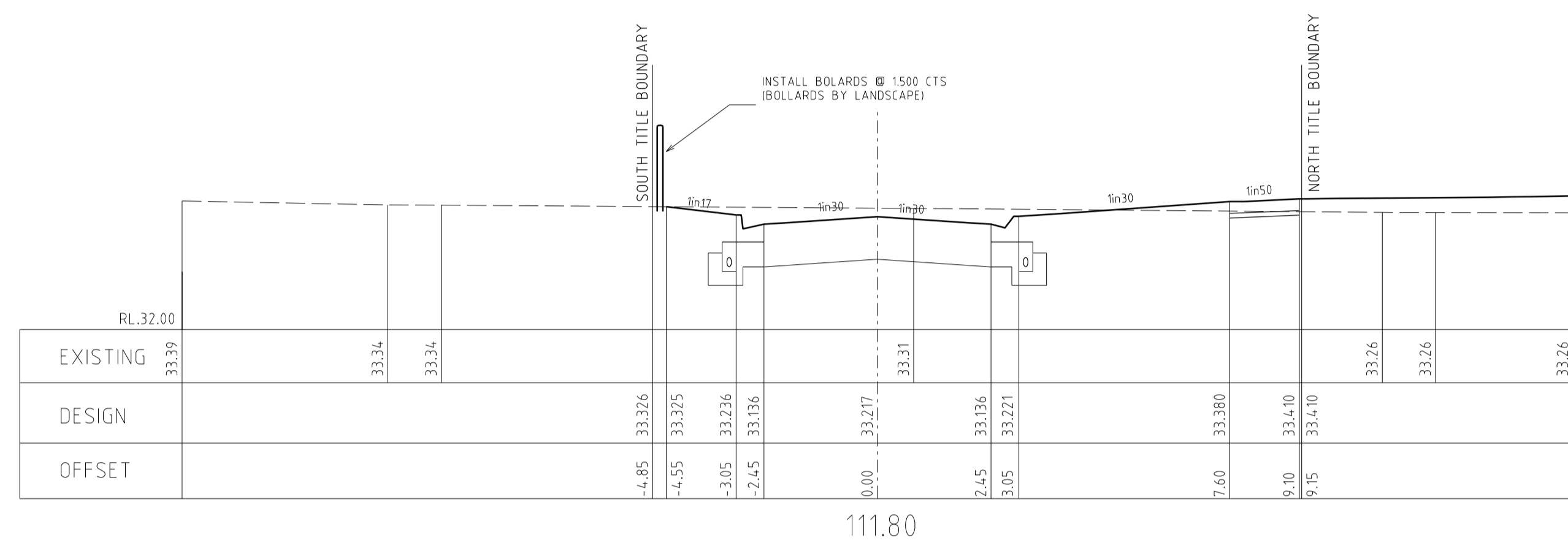
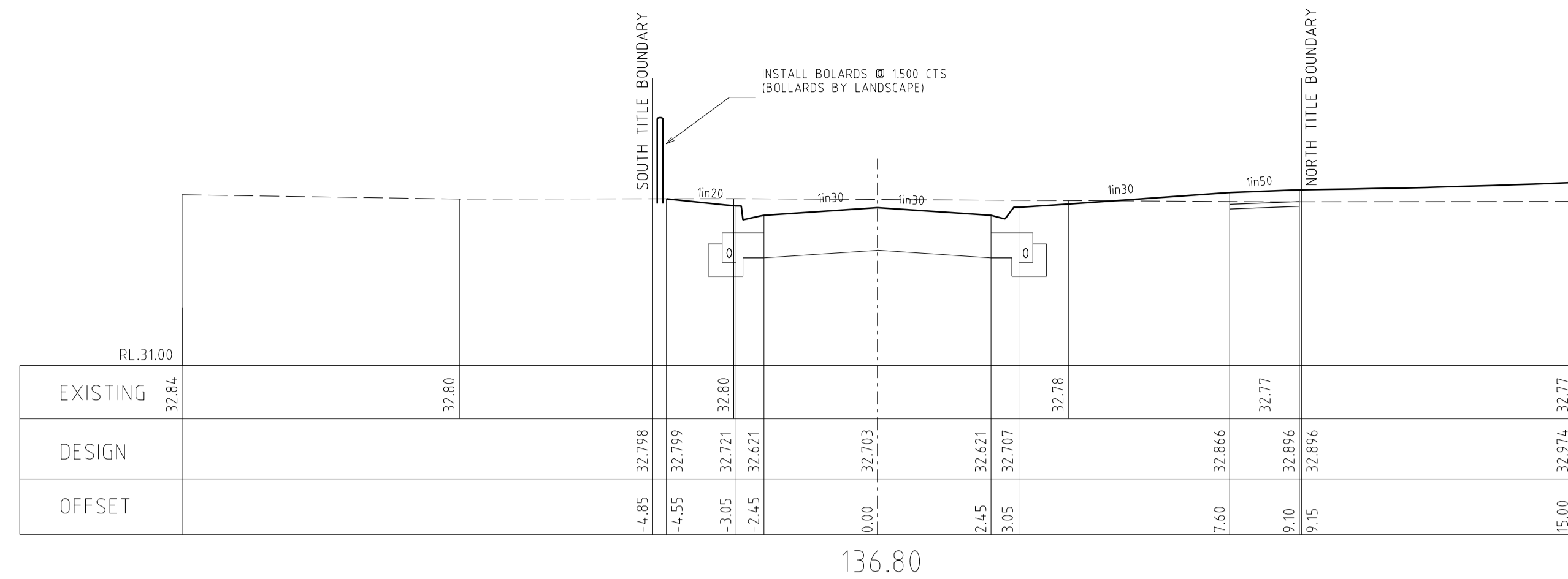
1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310

CHECKED SCALE AS SHOWN DATUM AHD DATE SEPT. 17 SHEET 4 OF 6 A

Picnic28/03/2018

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**City of Casey**  
 Approved By: Khurshedul Alam  
 File No: 143802.SC-08 & SEng00133/17  
 Date: 15/03/2018  
**DRAWING NO : R5081**



**PICNIC AVENUE (E/W) CROSS SECTIONS**

SCALE Hor. 1:100  
Vert 1:50

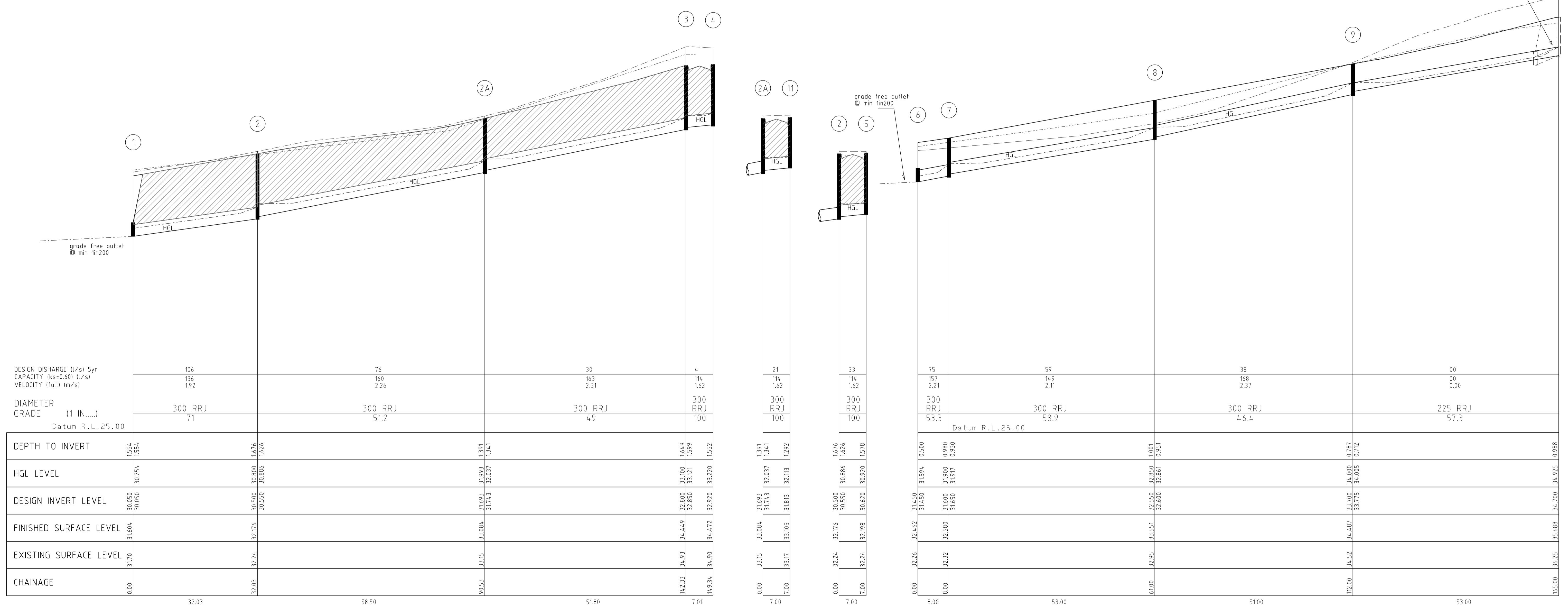
AMENDMENTS	A	8.03.2018	ISSUED FOR CONSTRUCTION	<b>breese pitt dixon pty. ltd.</b> land surveyors      civil engineers 1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	<b>MERIDIAN ESTATE</b> <b>STAGE 8</b>	MUNICIPALITY	CASEY		
						MELWAY REF.	131-C-12	REFERENCE	8129 E/8
						SURVEY	B. P. D.		
						DESIGN	RK		
			DRAWN	RK					
VER.	DATE		REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE SEPT. 17	SHEET 5 OF 6	A

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**City of Casey**  
 Approved By: Khurshedul Alam  
 File No: 143802.SC-08 & SEng00133/17  
 Date: 15/03/2018  
**DRAWING NO : R5081**

**PIT SCHEDULE**

PIT No.	PIT TYPE	SIZE L x W	INLET DIA	INLET I.L.	OUTLET DIA	OUTLET I.L.	COVER LEVEL	PIT DEPTH	REMARKS
1	Temp. E.W.	-x-	300	30.050	-	30.050	30.550	0.500	TEMPORARY SANDBAG ENDWALL
2	G.S.E.P.	900x600	300	30.550	300	30.500	32.176	1.676	EDCM 603/605
2A	G.S.E.P.	900x600	300	31.743	300	31.693	33.084	1.391	EDCM 603/605
3	G.S.E.P.	900x600	300	32.850	300	32.800	34.449	1.649	EDCM 603/605
4	G.S.E.P.	900x600	-	-	300	32.920	34.472	1.552	EDCM 602/605
5	G.S.E.P.	900x600	-	-	300	30.620	32.198	1.578	EDCM 602/605
6	Temp. E.W.	-x-	300	31.450	-	31.450	31.950	0.500	TEMPORARY SANDBAG ENDWALL
7	J.P.	900x600	300	31.650	300	31.600	32.580	0.980	EDCM 605
8	J.P.	900x600	300	32.600	300	32.550	33.551	1.001	EDCM 605
9	J.P.	900x600	225	33.775	300	33.700	34.487	0.787	EDCM 605
10	Ex J.P.	900x600	-	-	225	34.700	35.688	0.988	DEMOLISH OUTLET OF PIT AND RECONNECT NEW DRAIN TO GRADES SHOWN
11	G.S.E.P.	900x600	-	-	300	31.813	33.105	1.292	EDCM 602/605



**STORMWATER DRAINAGE LONGITUDINAL SECTIONS**

SCALE Hor. 1:500  
Vert 1:50

▨ DENOTES CRUSHED ROCK BACKFILL

AMENDMENTS	A	8.03.2018	ISSUED FOR CONSTRUCTION
VER.	DATE	REMARKS	CHECKED

MELWAY REF.	131-C-12	<b>breese pitt dixon pty. ltd.</b> land surveyors      civil engineers	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
SURVEY	B.P.D.		
DESIGN	RK		
DRAWN	RK		
<b>MERIDIAN ESTATE</b> <b>STAGE 8</b>		MUNICIPALITY	CASEY
		REFERENCE	8129 E/8
SCALE	AS SHOWN	DATUM	AHD
DATE	SEPT. 17	SHEET	6 OF 6