

NOTES

1. 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.
2. COUNCIL TO BE NOTIFIED TWO (2) CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
3. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES.
4. 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.(IJJ). PIPES LAYED ON A CURVE TO BE RRJ.
5. R.C. PIPES TO BE CLASS 2 & P.V.C PIPES TO BE CLASS 5H UNLESS OTHERWISE SPECIFIED.
6. 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.
7. 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.
(TRENCHES TO BE BACKFILLED IN LAYERS NOT EXCEEDING 200mm LOOSE.)
8. 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.
9. 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 EDM703, EDM702, EDM703 & EDM704.
10. 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 EDM701 & EDM703.
11. 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.
12. ALL PROPOSED DRAINAGE STUBS TO BE BLANKED OFF AT END OF PIPE WITH TIMBER PLANKS TO THE SATISFACTION OF THE SUPERVISING ENGINEER.
13. 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.
14. 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.
15. RESERVES TO BE FREE DRAINING AND TO BE LEFT IN A CONDITION SATISFACTORY TO THE CITY ENGINEER.
16. 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.
17. 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.
18. BATTERS TO BE 1 IN 6 FOR FILL AND 1 IN 6 FOR CUT UNLESS NOTED OTHERWISE.
19. CUT BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, STRAW AND BITUMEN EMULSION.
20. WHERE CUT BATTERS EXCEED 700mm AN ADDITIONAL 300mm BERM SHALL BE FORMED BEHIND FOOTPATH.
21. 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.
22. 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 EDM401.
23. PRAM CROSSINGS ARE TO BE CONSTRUCTED WHERE FOOTPATHS CONNECT TO THE BACK OF KERB & CHANNEL. REFER GAA STD DWG EDM403.
24. 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.
25. 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.
26. 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.
27. TELSTRA/BNB Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
28. 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.
29. 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.

30. 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.
31. ALL DRIVEWAYS ARE TO BE OFFSET 0.75m FROM SIDE BOUNDARYS AND EASEMENTS UNLESS OTHERWISE SHOWN, AND CONSTRUCTED AS PER GAA STD DWGS EDM 501 & EDM 502
32. ALL ROADS TO BE CONSTRUCTED WITH KERB & CHANNEL AS SHOWN. REFER GAA STD DWGS EDM301 & EDM302 AND CASEY COUNCIL STD DWGS.
33. KERB TRANSITION TO TAKE PLACE IN THE MINOR STREET OVER A 2.0m LENGTH FROM EITHER THE TANGENT POINT OR TP PIT.
34. EXISTING ROAD WORKS TO BE RECONSTRUCTED AS REQUIRED TO PROVIDE, WITHOUT DISCONTINUITY, A CONNECTION IN ACCORDANCE WITH DESIGN LEVELS AND GRADES.
35. PAVEMENT TO CONSIST OF: ACCESS STREET - GALLANT DRIVE, OLMSTEAD LANE
a) 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE N ASPHALT WITH C170 BINDER
b) 35mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH C170 BINDER
c) PRIME & SEAL (SIZE 7) OR PRIMERSEAL (SIZE 7)(BOTH EMULSION SEALS)
d) 125mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK
e) 170mm COMPACTED DEPTH 40mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK
f) 150mm COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10%

DEPTH 510mm

PAVEMENT TO CONSIST OF: ACCESS STREET - ASPIRE AVENUE, ZODIAC DRIVE
INFINITY AVENUE

- a) 20mm COMPACTED DEPTH 7mm NOMINAL SIZE TYPE L ASPHALT WITH C170 BINDER
b) 35mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH C170 BINDER
c) PRIME & SEAL (SIZE 7) OR PRIMERSEAL (SIZE 7)(BOTH EMULSION SEALS)
d) 135mm 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%

DEPTH 460mm

PAVEMENT TO CONSIST OF: ACCESS STREET - VERDANT DRIVE

- a) 30mm COMPACTED DEPTH 10mm NOMINAL SIZE TYPE N ASPHALT WITH C170 BINDER
b) 35mm COMPACTED DEPTH 14mm NOMINAL SIZE TYPE N ASPHALT WITH C170 BINDER
c) PRIME & SEAL (SIZE 7) OR PRIMERSEAL (SIZE 7)(BOTH EMULSION SEALS)
d) 125mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 2 FINE CRUSHED ROCK
e) 100mm COMPACTED DEPTH 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK
f) 110mm COMPACTED DEPTH 40mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK
g) 150mm COMPACTED DEPTH SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10%

DEPTH 550mm

PAVEMENT NOT TO BE FOUNDED ON CLAYEY SILT OR UNCONTROLLED FILL MATERIAL SUBGRADE. PAVEMENT TO BE AS PER SPECIFICATIONS OF CARDNO 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 25% 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 10⁻⁹ m/s MEASURED AT OMC 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. USE 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.

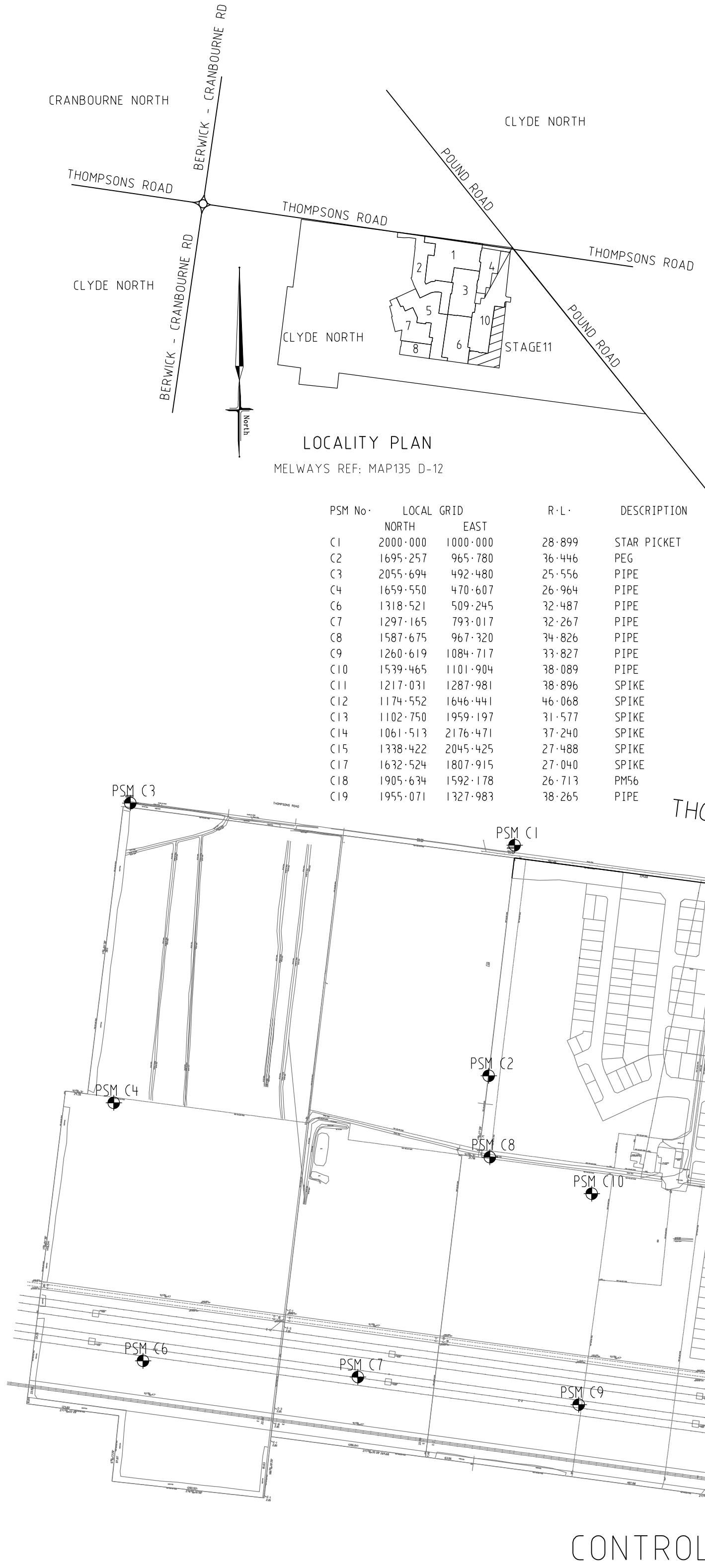
IN THE EVENT THAT SELECT GRANULAR MATERIAL CAN NOT ACHIEVE A CBR OF 10% IN SITU STABILISATION IS REQUIRED TO ACHIVE 10% C.B.R. TO A MINIMUM DEPTH OF 300mm FOR ALL ROAD PAVEMENTS.

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

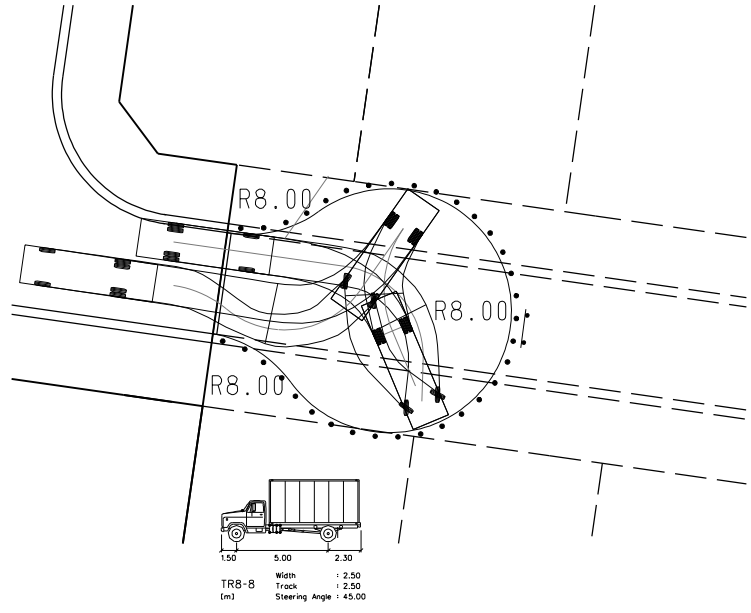
36. MODIFICATION OF THE PAVEMENT REQUIRES APPROVAL BY THE CITY OF CASEY WORKS SUPERVISOR.
37. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL SUPERVISING ENGINEER.
38. 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.
39. 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.
40. 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.
41. PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD DWG 7251/4/203) 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.
42. 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).
43. CONTRACTOR TO REMOVE EXISTING IRRIGATION AND DRAINAGE PIPES AND PITS ENCOUNTERED ON SITE. TRENCHES TO BE BACKFILLED IN ACCORDANCE WITH NOTES 16 & 17.

44. TACTILE GROUND SURFACE INDICATORS (TGS1) ARE TO BE INSTALLED AT ALL PRAM CROSSINGS AND PEDESTRIAN CROSS POINTS.REFER GAA STD DWG EDM403.
45. MAXIMUM CROSSFALL ON FOOTPATHS TO BE 1in50 (30mm FOR 1.50m PATH)
46. AS CONSTRUCTED PLANS AND ELECTRONIC ASSET INFORMATION IN D-SPEC AND R-SPEC FORMAT MUST BE SUBMITTED TO COUNCIL PRIOR TO PRACTICAL COMPLETION
47. A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION
48. THE CROSSOVERS MUST BE PROVIDED A MINIMUM OF 3.50m WIDTH AND MAXIMUM GRADE OF 1in10
49. 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

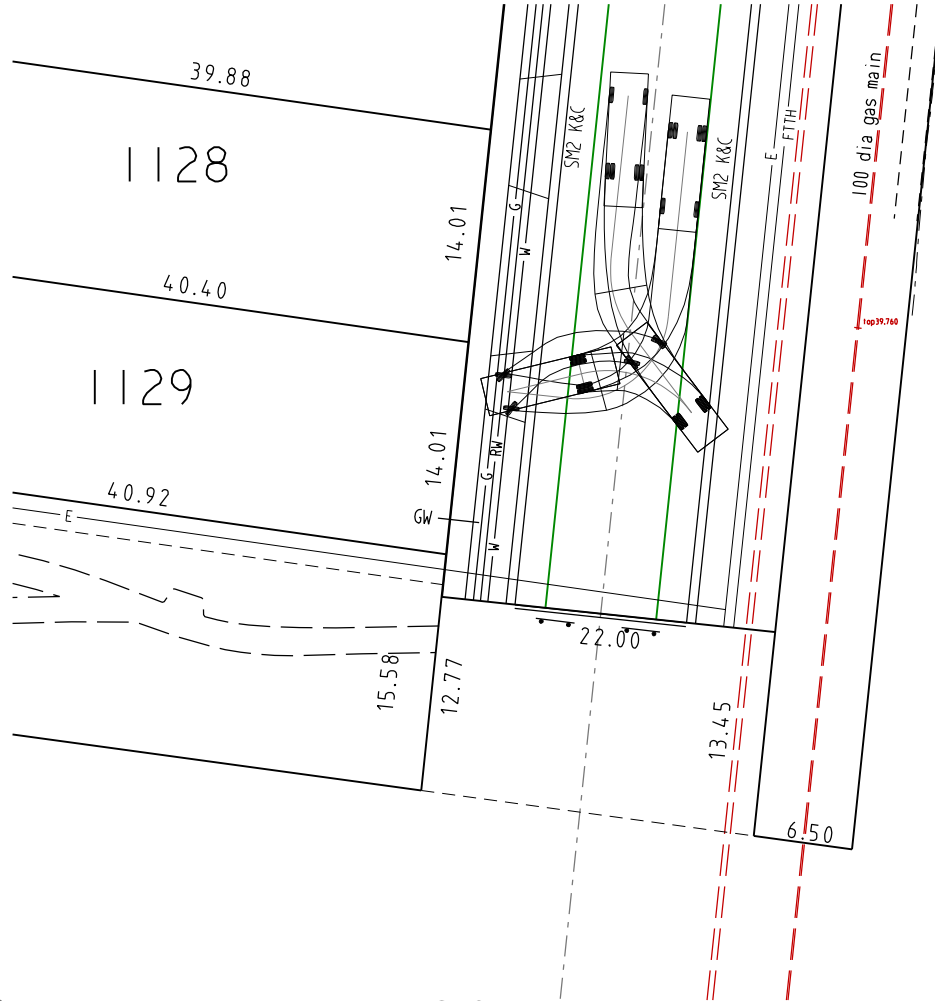


SHEET INDEX

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21	PH	SIGNAGE AND LINE MARKING PLAN



8.8 SERVICE VEHICLE TURNING CIRCLE



lot 129
8.8 SERVICE VEHICLE
TURNING CIRCLE

City of Casey

Approved By: Khurshedul Alam

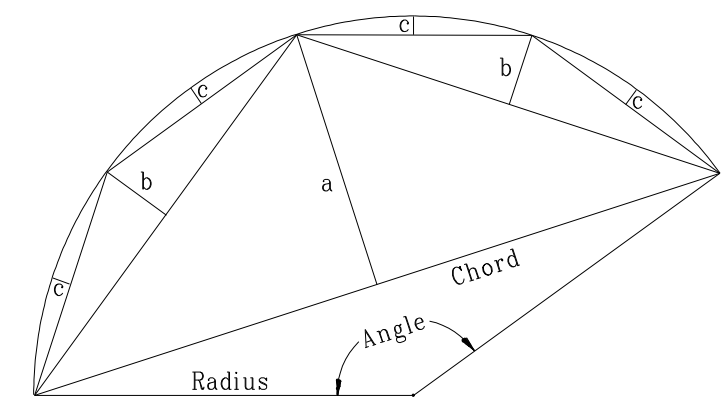
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Date: 18/04/2018

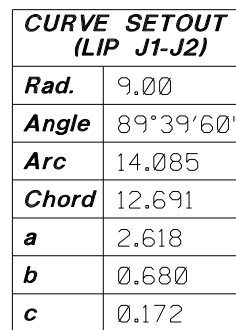
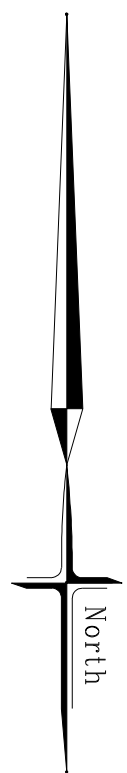
Subject to:
Approval of an EMP before any works start on site.

DRAWING NO: R5100

AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers		MERIDIAN ESTATE STAGE 11		MUNICIPALITY CASEY		REFERENCE 8129 E/11	
	VER	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	1 OF 21






CURVE SETOUT DIAGRAM



SYMBOL LEGEND

Drains
Sewer <300
Sewer ≥300
Water
House Drain
Property Inlet
Street Sign
PSM
Retaining Wall
Conduits 50mm
Conduits 100mm
Ex Gas/Elect/Tel

Ex/Natural/FS Level +E328-57 +N328-57 +FS28-570
 FS @ Building Line BL28-570
 Top/Toe of Batter TOP28-570 TOP28-570
 Top Ret. Wall Level TW28-57
 100yr Flood Level FL28-57
 Fill Prop/Ex  TW28-57
 Cut Prop/Ex  

AMENDMENTS			
	VER	DATE	REMARKS



breese pitt dixon pty. ltd.
land surveyors civil engineers

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

MERIDIAN ESTATE
STAGE II

MUNICIPALITY

1

REFERENCE

8129

SHEET 5

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City of Casey

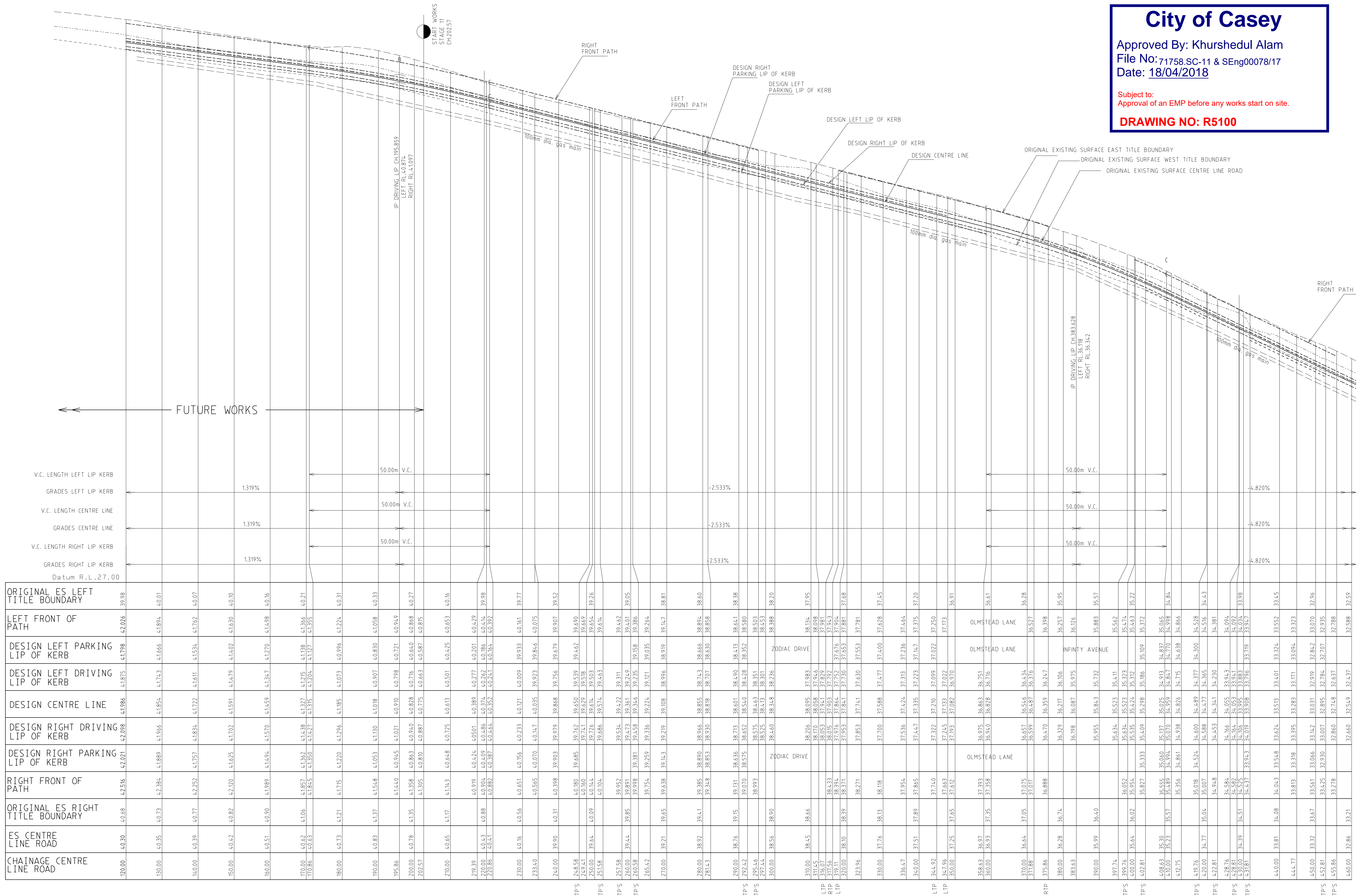
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VERDANT DRIVE LONGITUDINAL SECTION

SCALE Hor. 1:500
 Vert. 1:50

AMENDMENTS				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	MERIDIAN ESTATE STAGE 11				MUNICIPALITY						
		SURVEY	B.P.D.					CASEY						
		DESIGN	RK											
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VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	6	OF	21	P4

City of Casey

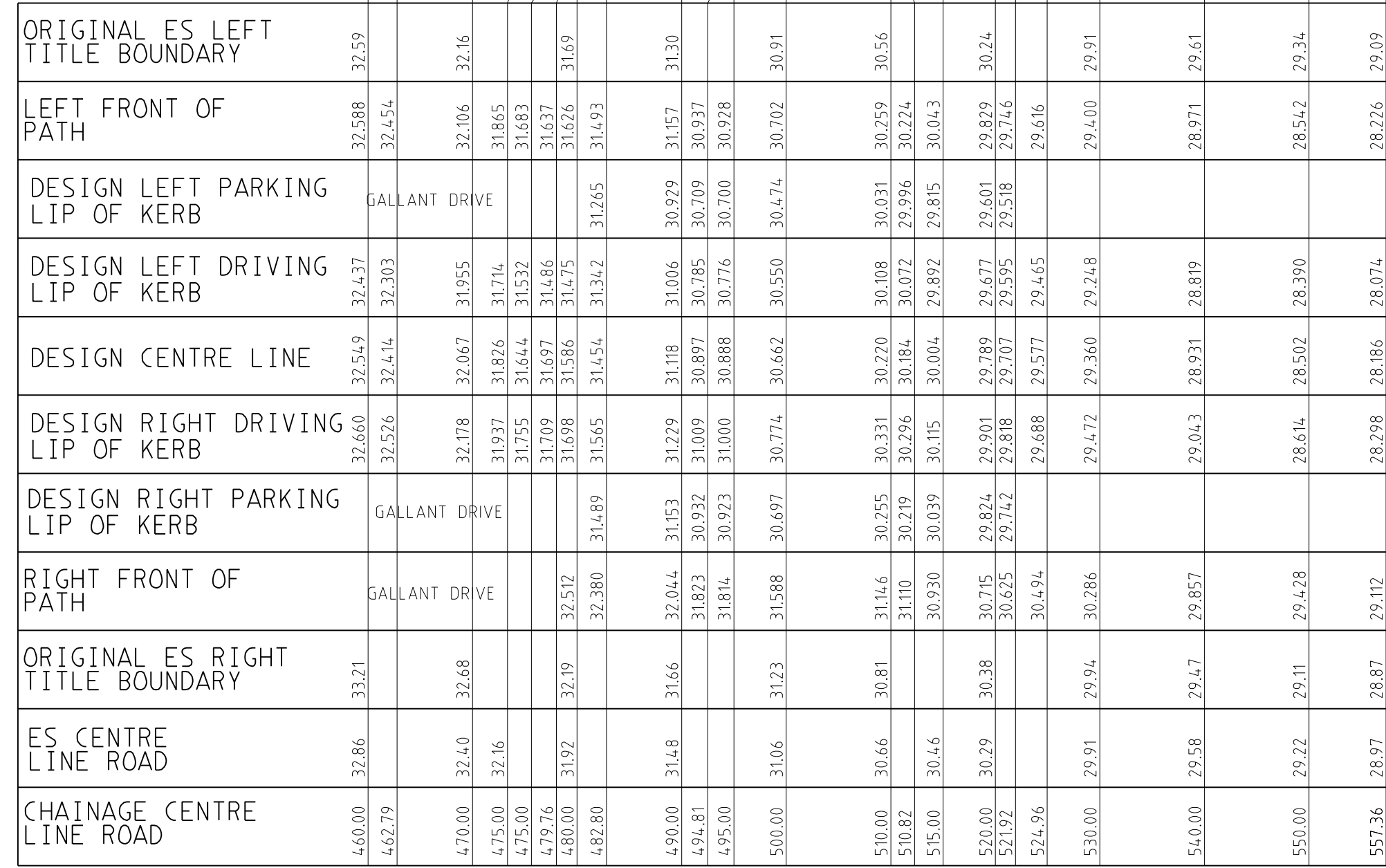
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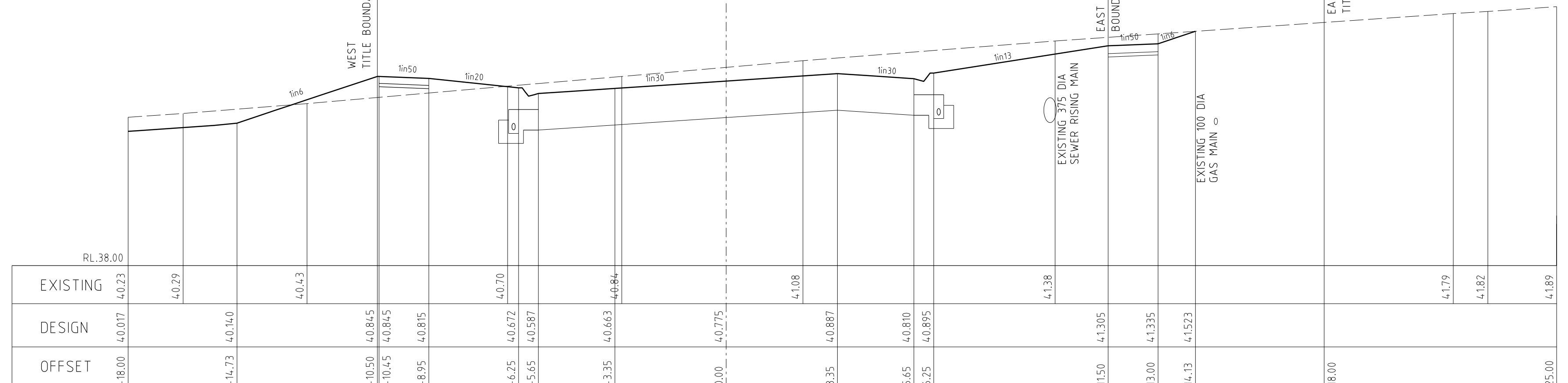
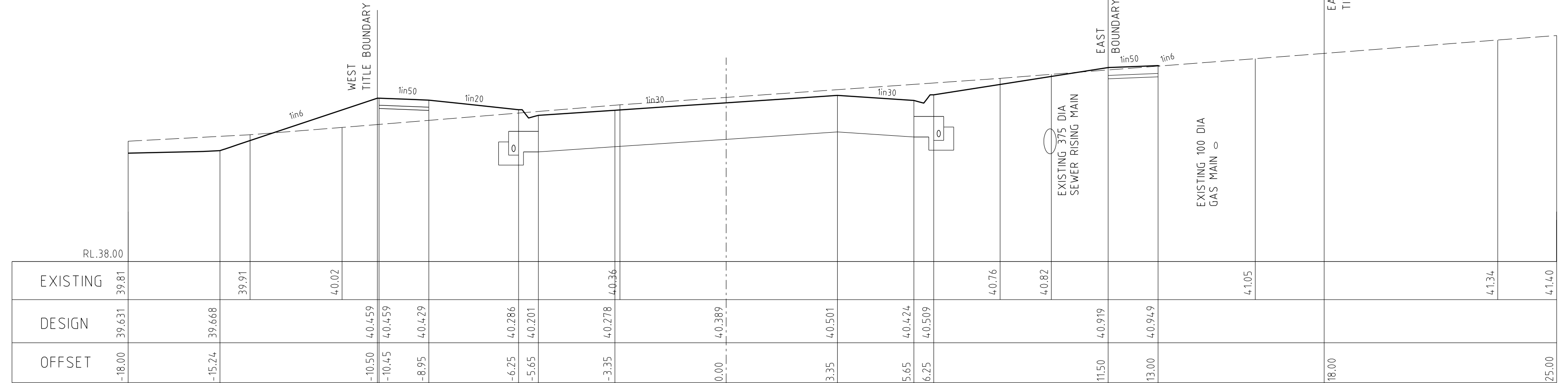
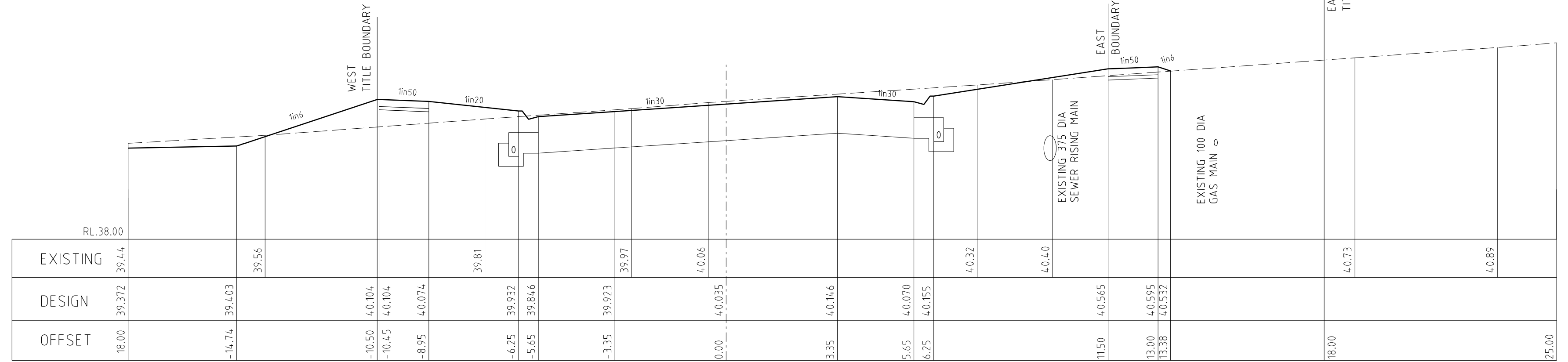
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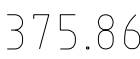


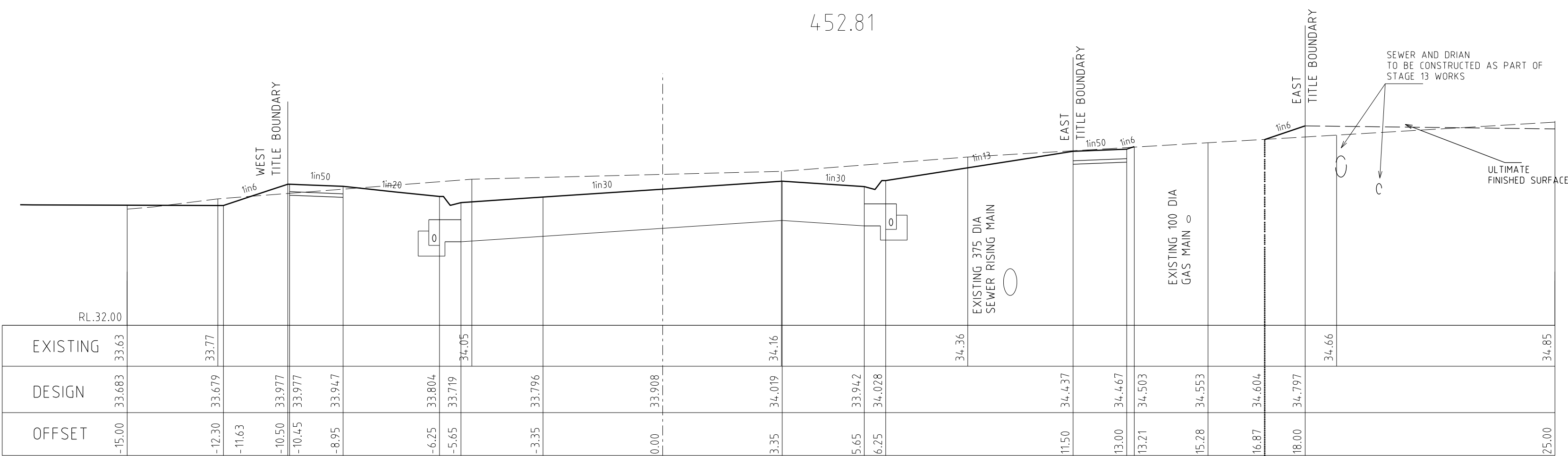
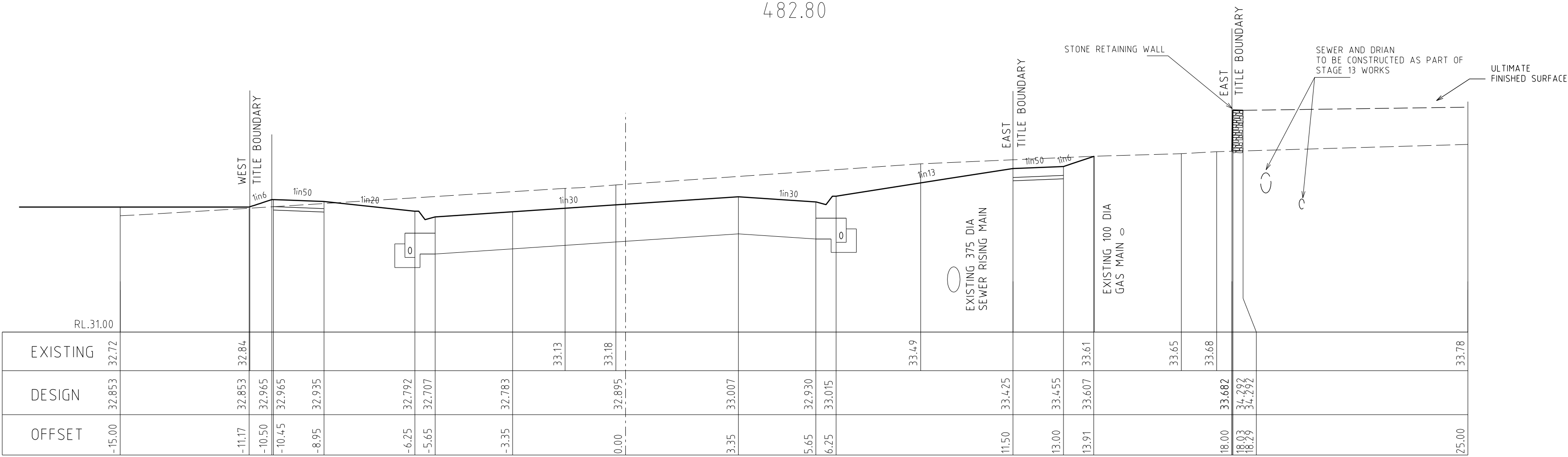
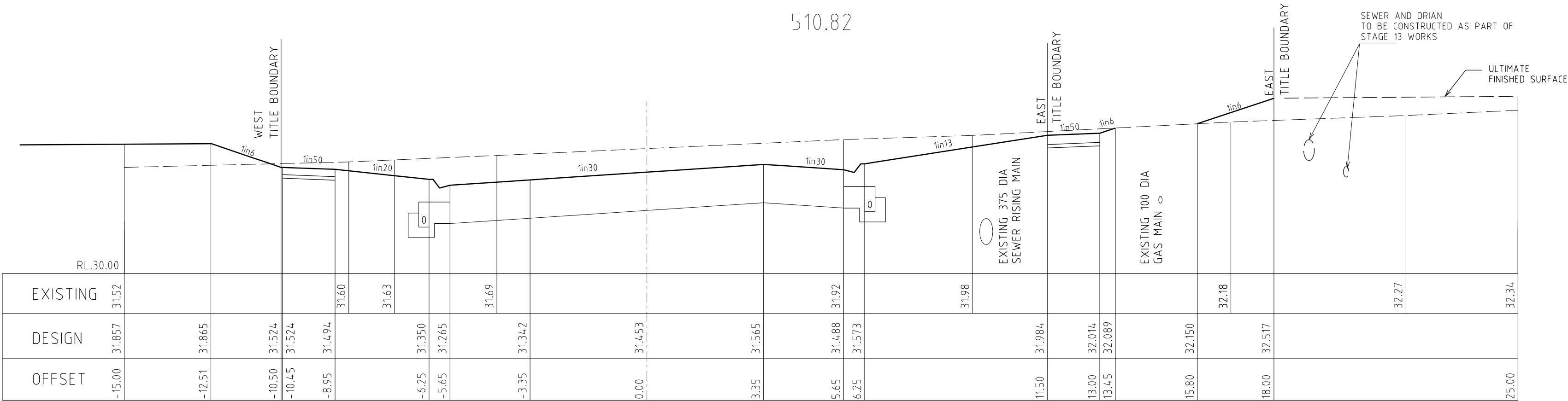
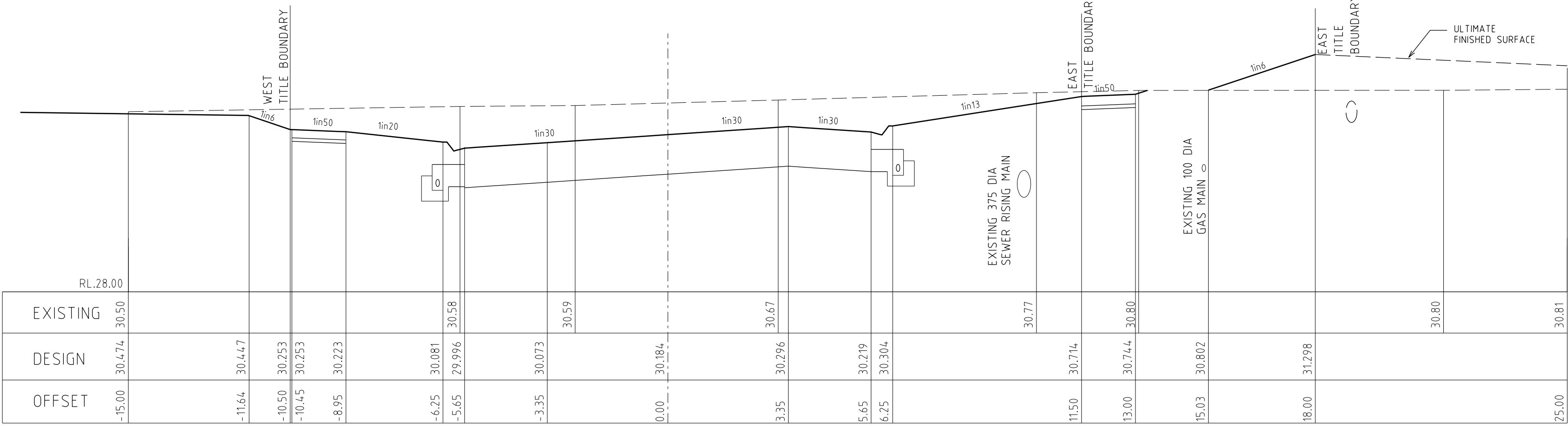
VERDANT DRIVE LONGITUDINAL SECTION

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Vert 1:50



AMENDMENTS			 <div>breese pitt dixon pty. ltd. land surveyors </div>
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VERDANT DRIVE CROSS SECTIONS

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Vert 1:50

AMENDMENTS

VER.	DATE	REMARKS

breese pitt dixon pty. ltd.
land surveyors civil engineers

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

MERIDIAN ESTATE
STAGE 11

SCALE AS SHOWN DATUM AHD DATE NOV. 17

MUNICIPALITY CASEY
REFERENCE 8129 E/11
SHEET 11 OF 21

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telephone 8823 2300
fax no. 8823 2310

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Plot Date: 11/03/2018

City of Casey

Approved By: Khurshedul Alam

File No: 71758.SC-11 & SEng00078/17

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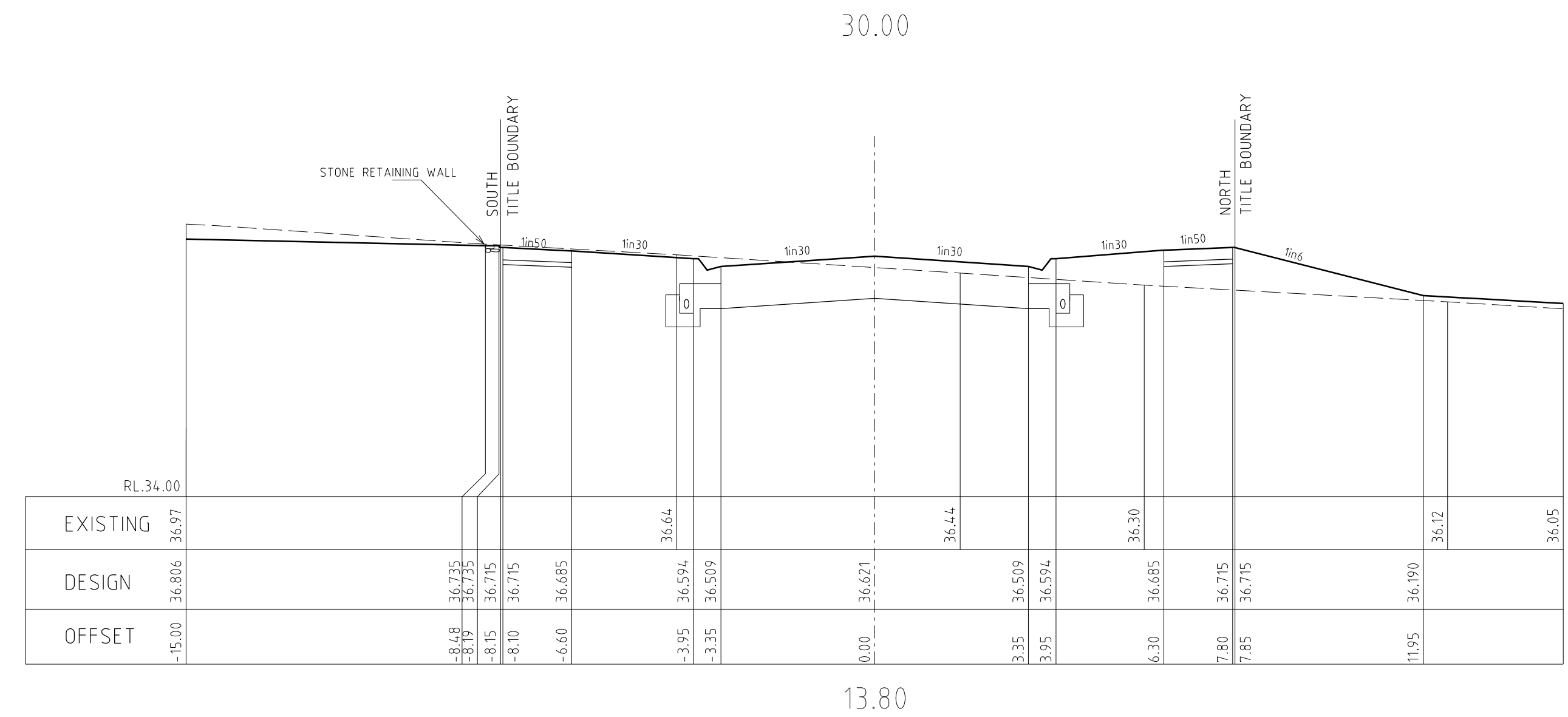
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OLMSTEAD LANE CROSS SECTIONS



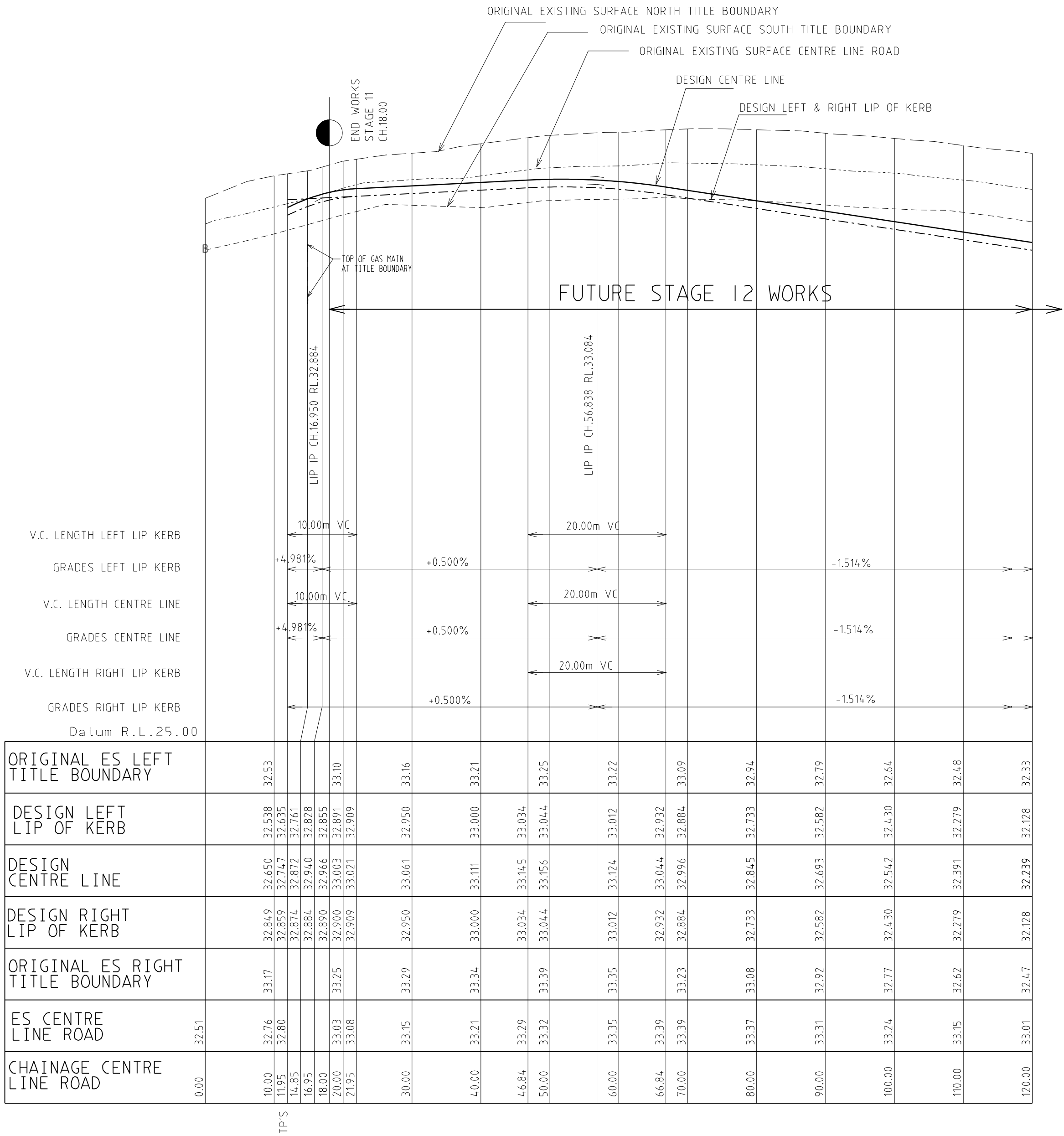
AMENDMENTS			 <div style="display: inline-block; vertical-align: middle;"> breese pitt dixon pty. ltd. land surveyors </div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> civil engineers </div>	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
				MELWAY REF. 131-C-12	<div style="text-align: center; font-size: 24px; font-weight: bold;"> MERIDIAN ESTATE STAGE 11 </div>		MUNICIPALITY	
				SURVEY B.P.D.			CASEY	
				DESIGN RK			REFERENCE	
				DRAWN RK			8129 ^E /11	
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE NOV. 17	SHEET 12 OF 21	P4

City of Casey

Approved By: Khurshedul Alam
File No: 71758.SC-11 & SEng00078/17
Date: 18/04/2018

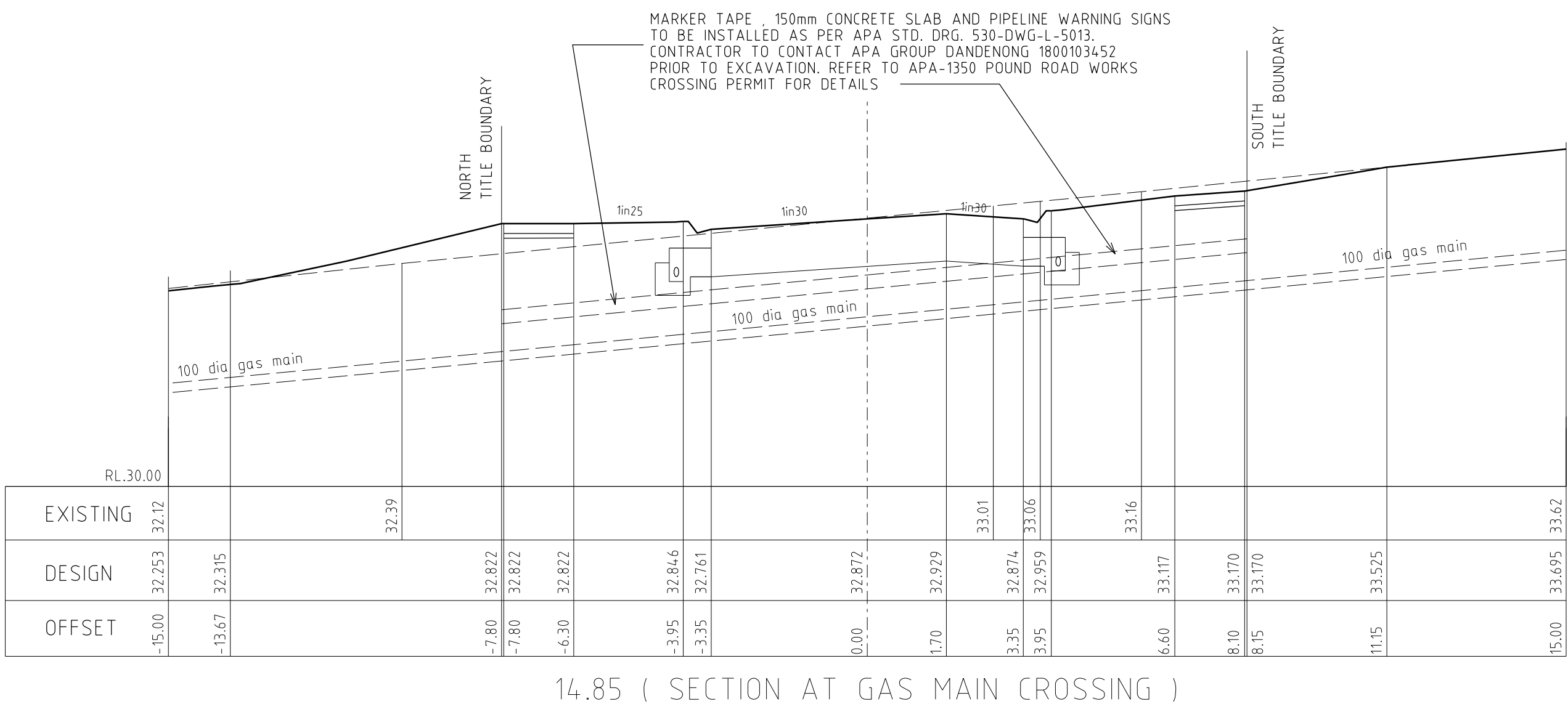
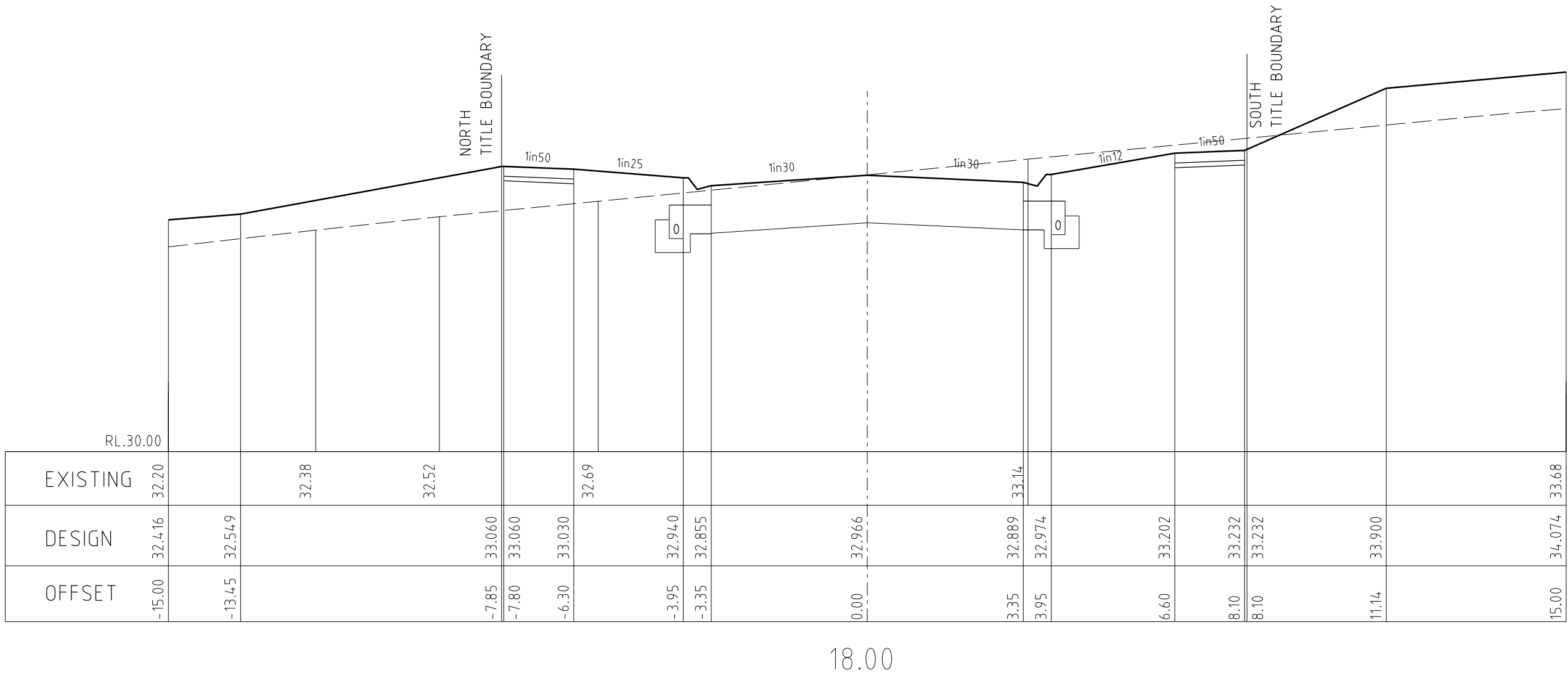
Subject to:
Approval of an EMP before any works start on site.

DRAWING NO: R5100



GALLANT DRIVE LONGITUDINAL SECTION


SCALE Hor. 1:500
Vert 1:50



14.85 (SECTION AT GAS MAIN CROSSING)

GALLANT DRIVE CROSS SECTIONS

SCALE Hor. 1:100
Vert 1:50

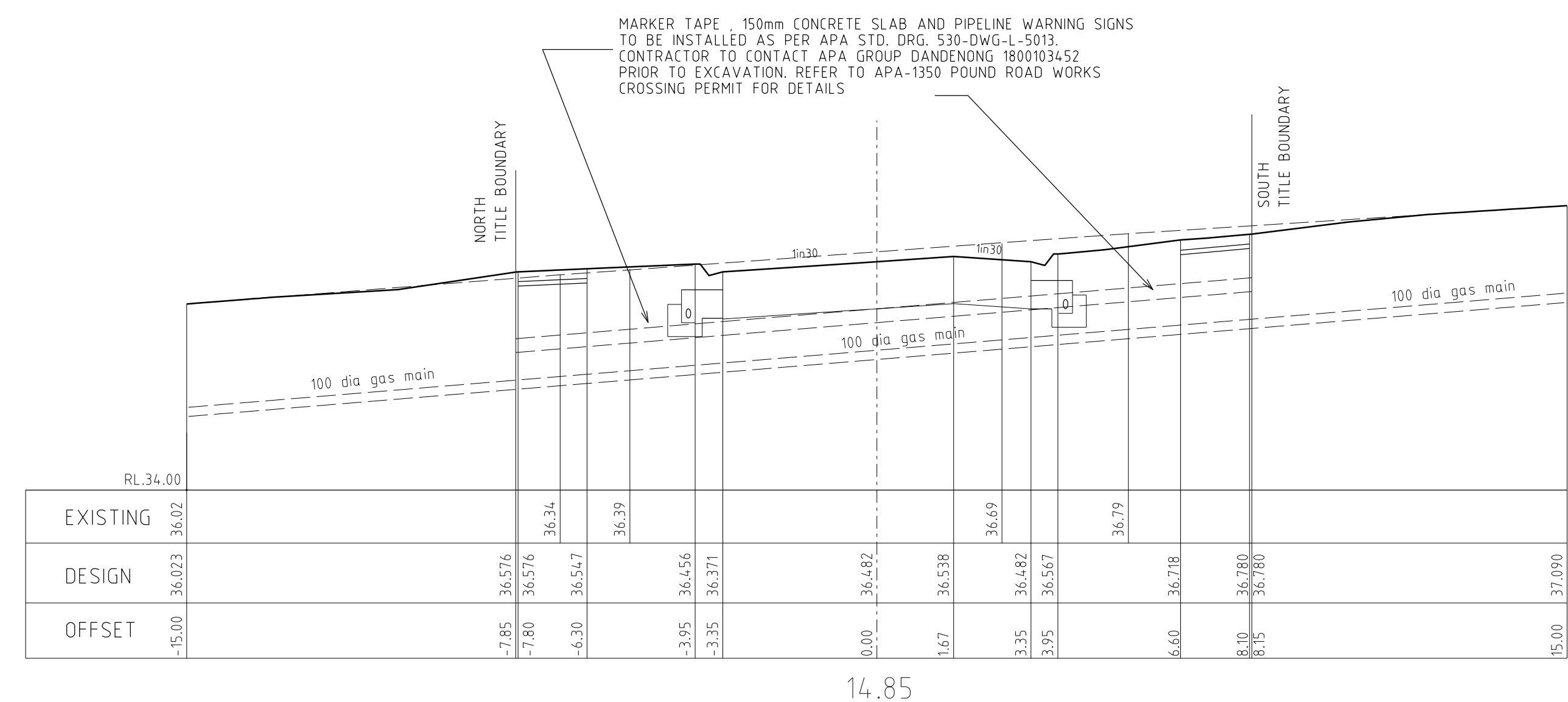
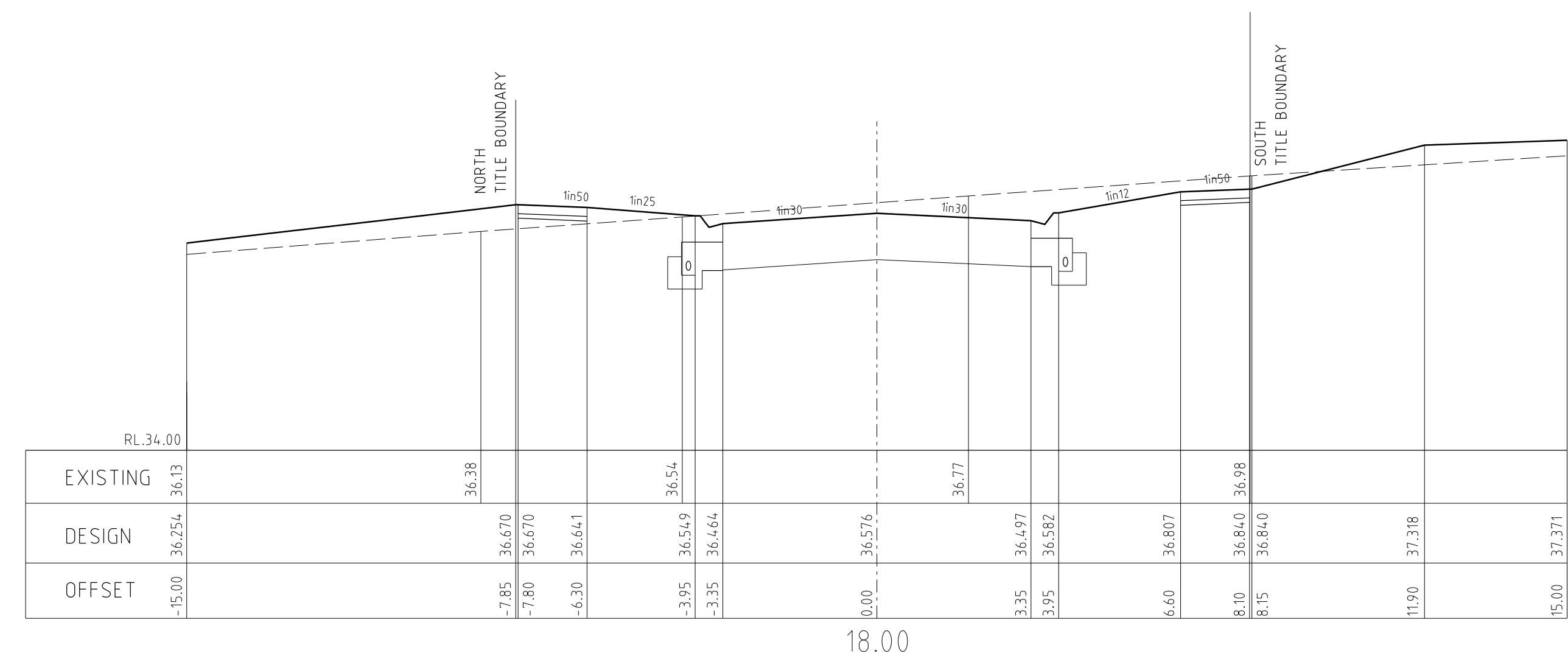
AMENDMENTS				breese pitt dixon pty. ltd.		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310						
				land surveyors			civil engineers					
VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	13 OF 21	P4
				MELWAY REF.	131-C-12	MERIDIAN ESTATE STAGE 11				MUNICIPALITY	CASEY	
				SURVEY	B.P.D.					REFERENCE	8129 ^E /11	
				DESIGN	RK							
				DRAWN	RK							

Approved By: Khurshedul Alam
File No: 71758.SC-11 & SEng00078/17
Date: 18/04/2018


Subject to:
Approval of an EMP before any works start on site.

STATION	ORIGINAL ES LEFT TITLE BOUNDARY	DESIGN LEFT LIP OF KERB	DESIGN CENTRE LINE	DESIGN RIGHT LIP OF KERB	ORIGINAL ES RIGHT TITLE BOUNDARY	ES CENTRE LINE ROAD	CHAINAGE CENTRE LINE ROAD
0.00	36.30	35.650	35.762	36.409	36.30	36.07	
10.00	36.69				36.69	36.43	
11.95	36.49	36.468	36.257	36.415	36.49	36.49	10.00
14.85		36.482	36.483	36.711		36.48	
16.95		36.494	36.550	36.638		36.49	
18.00		36.497	36.576	36.664		36.50	
20.00		36.507	36.612	36.500		36.76	
21.95		36.518	36.630	36.518		36.82	
30.00	37.06	36.555	36.669	36.557	37.36	37.06	30.00
40.00	37.24	36.604	36.717	36.606	37.58	37.24	40.00
50.00	37.42	36.653	36.766	36.654	37.75	37.42	50.00
60.00	37.60	36.701	36.814	36.702	37.88	37.60	60.00
67.64	37.72	36.739	36.851	36.739		37.72	67.64
70.00	37.76	36.747	36.859	36.747	38.04	37.76	70.00
80.00	37.89	36.710	36.822	36.710	38.14	37.89	80.00
87.64	38.01	36.604	36.715	36.604		38.01	87.64
90.00	38.03	36.560	36.672	36.560	38.23	38.03	90.00
100.00	38.05				38.23	38.05	100.00
106.42	37.96	36.259	36.370	36.259	38.12	37.96	106.42
110.00	37.90	36.193	36.304	36.193	38.09	37.90	110.00
120.00	37.71	36.009	36.121	36.009	37.95	37.71	120.00

SCALE Hor. 1:500
 Vert 1:50



SCALE Hor. 1:100
 Vert. 1:50

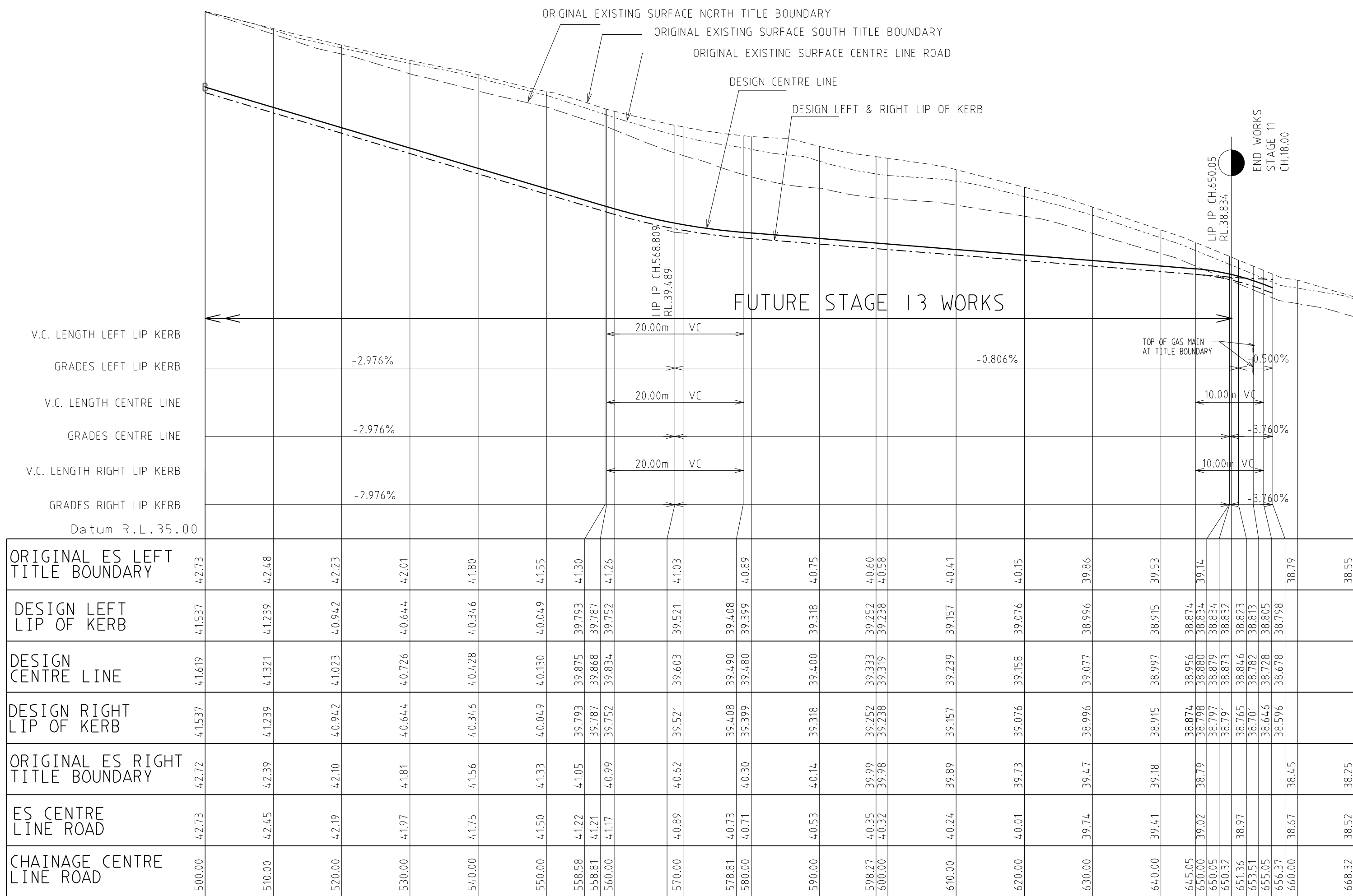
AMENDMENTS					breese pitt dixon pty. ltd. land surveyors		civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
			MELWAY REF.	131-C-12	MERIDIAN ESTATE STAGE II				MUNICIPALITY			
			SURVEY	B.P.D.					CASEY			
			DESIGN	RK					REFERENCE			
			DRAWN	RK					8129 ^{E/11}			
VER	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	14 OF 21	P 4

City of Casey

Approved By: Khurshedul Alam
File No: 71758.SC-11 & SEng00078/17
Date: 18/04/2018

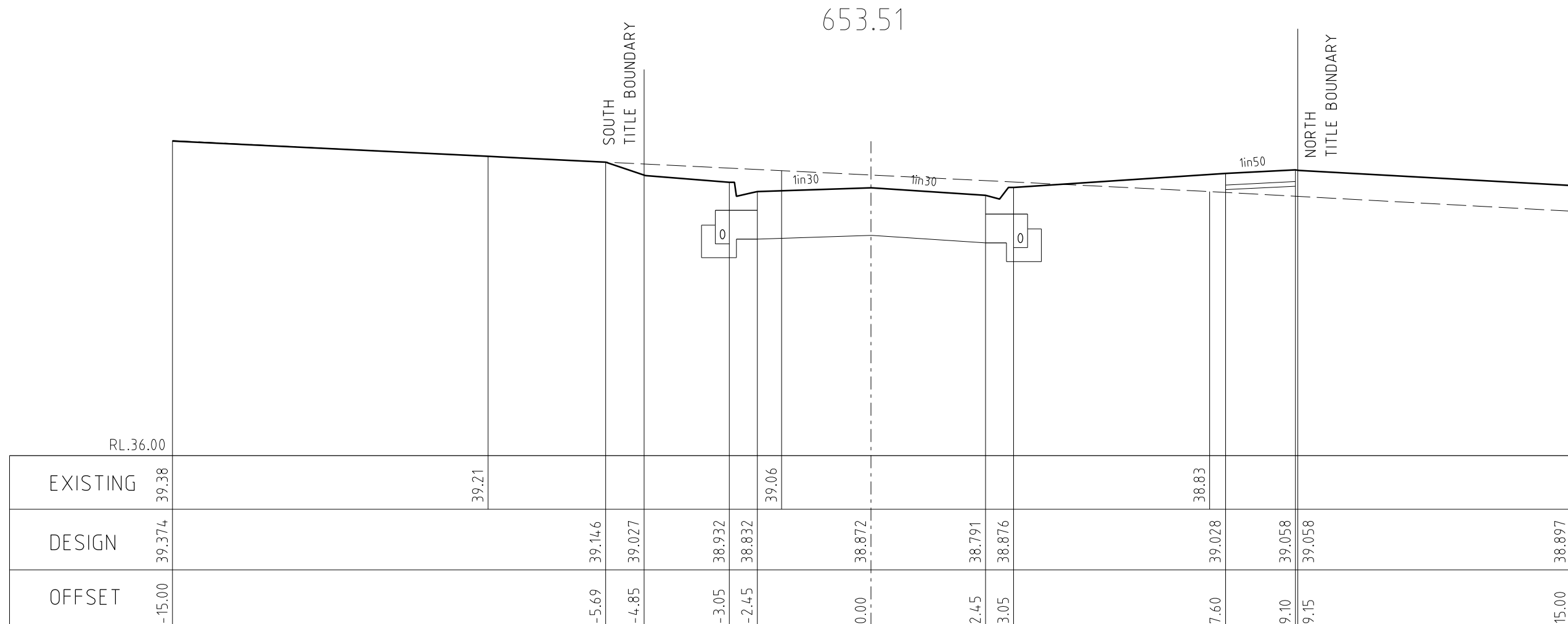
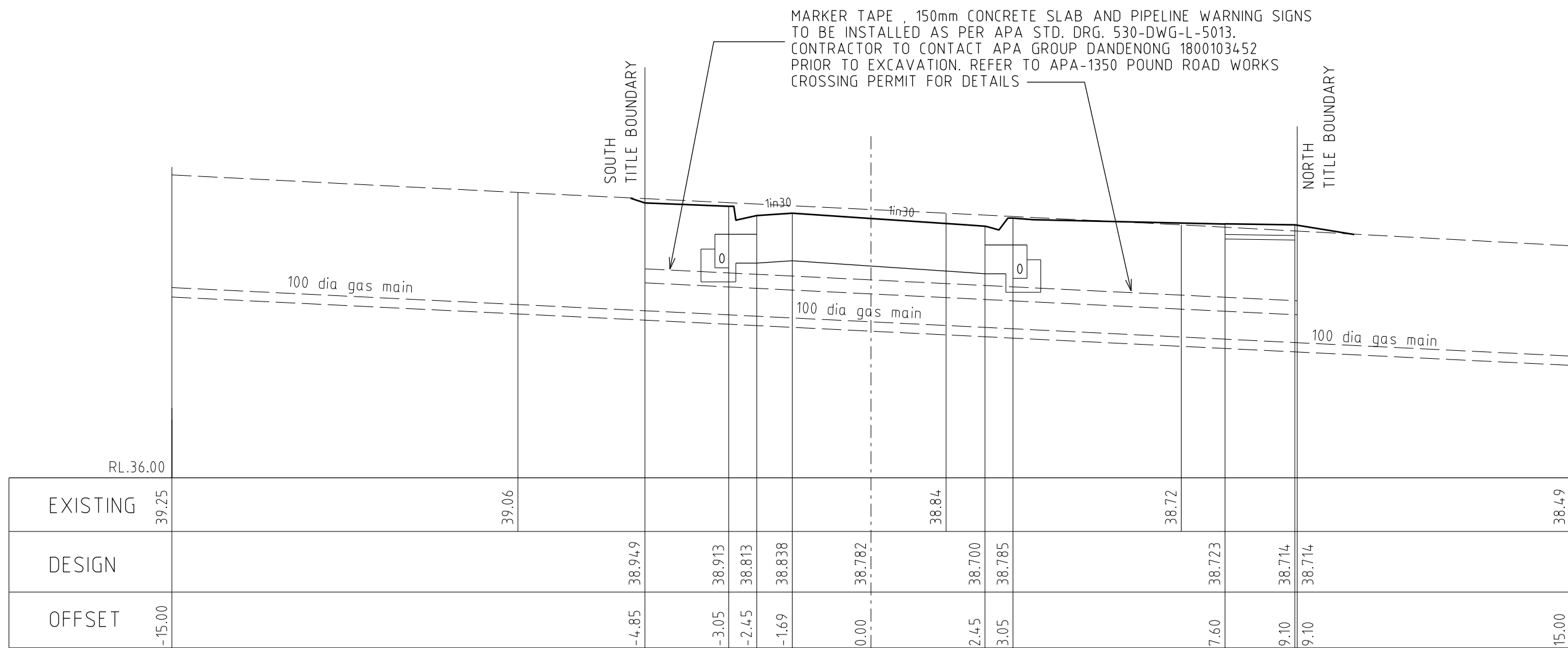
Subject to:
Approval of an EMP before any works start on site.

DRAWING NO: R5100




ZODIAC DRIVE LONGITUDINAL SECTION

SCALE Hor. 1:500
Vert 1:50



ZODIAC DRIVE CROSS SECTIONS

SCALE Hor. 1:100
Vert 1:50

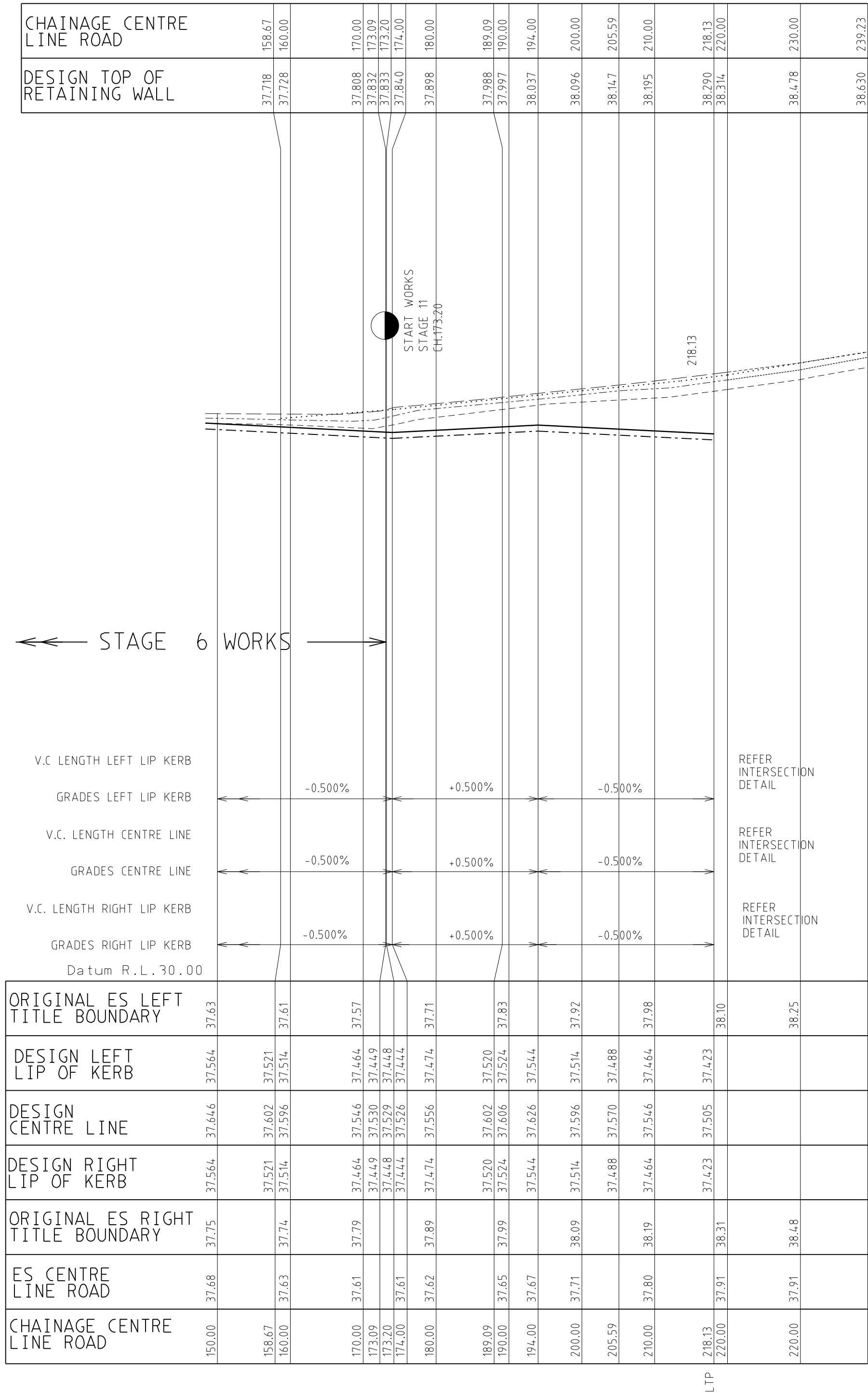
AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
			MELWAY REF.	131-C-12	MERIDIAN ESTATE STAGE 11				MUNICIPALITY				
			SURVEY	B.P.D.					CASEY				
			DESIGN	RK					REFERENCE				
			DRAWN	RK					8129 E/11				
VER.	DATE	REMARKS	CHECKED		SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	15 OF 21	P4

City of Casey

Approved By: Khurshedul Alam
File No: 71758.SC-11 & SEng00078/17
Date: 18/04/2018

Subject to:
Approval of an EMP before any works start on site.

DRAWING NO: R5100

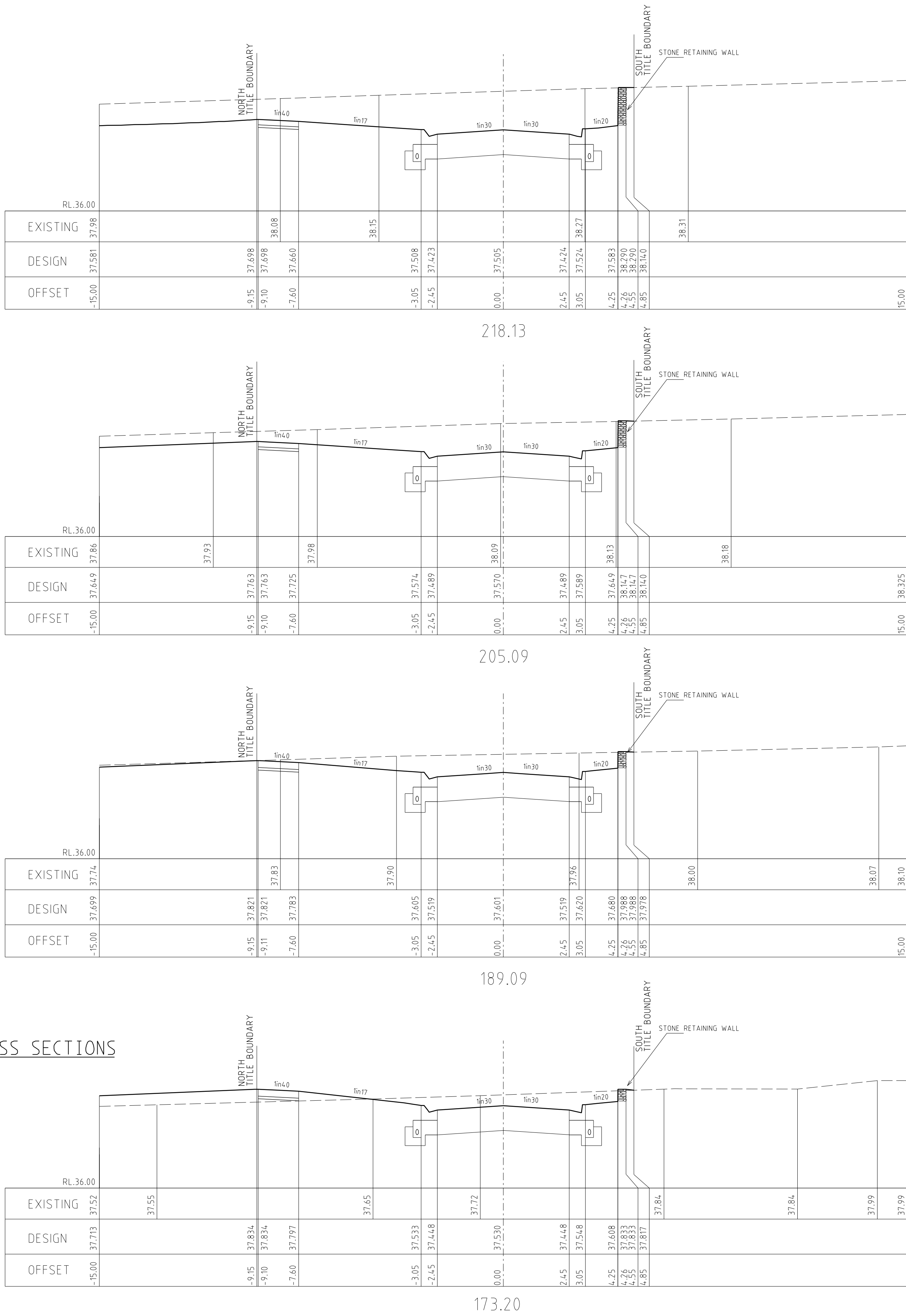



ASPIRE AVENUE E/W LONGITUDINAL SECTION

SCALE Hor. 1:500
Vert 1:50

ASPIRE AVENUE E/W CROSS SECTIONS

SCALE Hor. 1:100
Vert 1:50



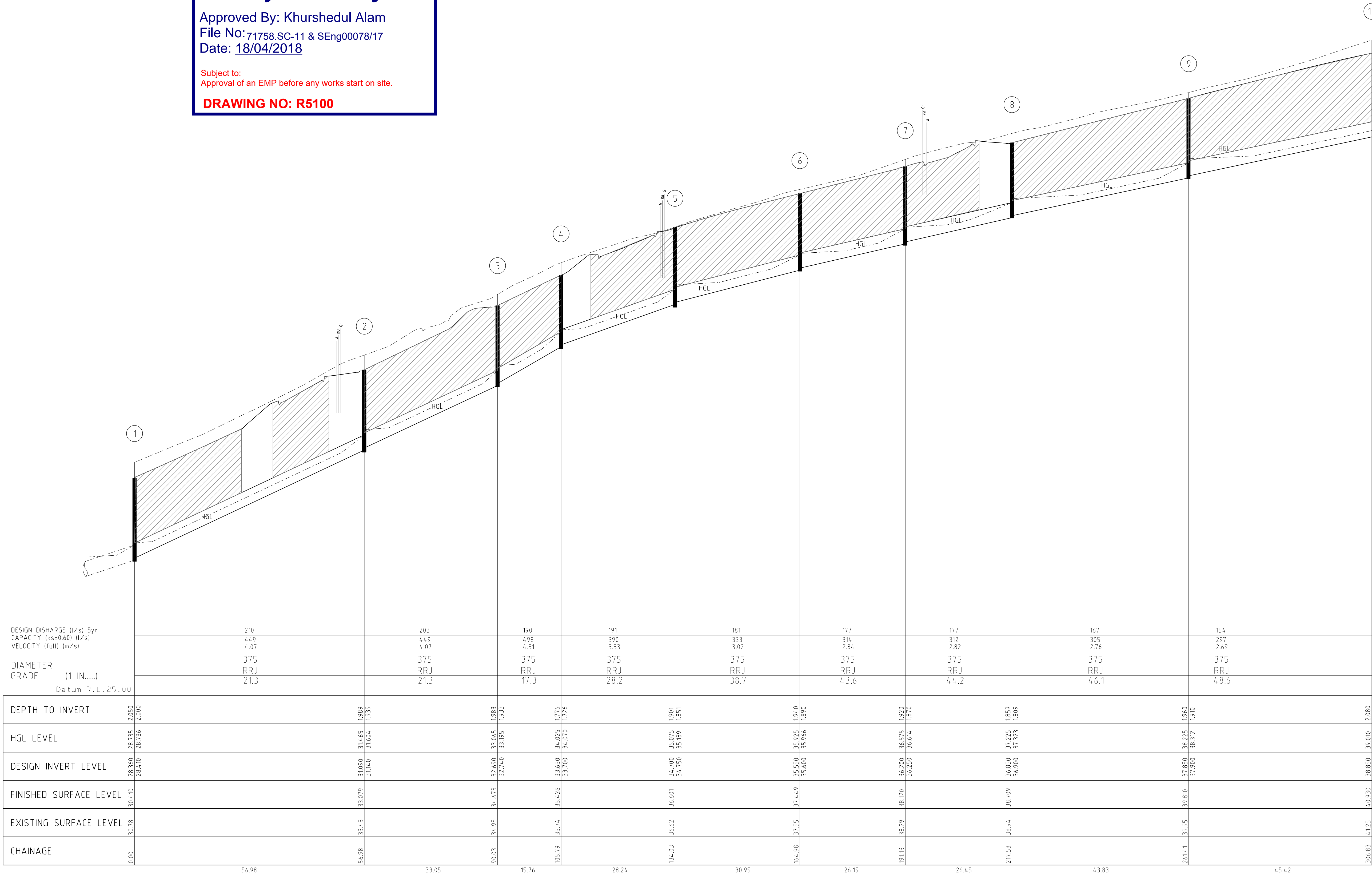
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				land surveyors		civil engineers	
				MELWAY REF. 131-C-12		MUNICIPALITY	
				SURVEY B.P.D.		CASEY	
			DESIGN RK	MERIDIAN ESTATE STAGE 11		REFERENCE	
			DRAWN RK			8129 E/11	
VER.	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE NOV. 17	SHEET 16 OF 21

City of Casey

Approved By: Khurshedul Alam
File No: 71758.SC-11 & SEng00078/17
Date: 18/04/2018

Subject to:
Approval of an EMP before any works start on site.

DRAWING NO: R5100




STORMWATER DRAINAGE LONGITUDINAL SECTIONS

SCALE Hor. 1:500
Vert 1:50

DIAGONAL HATCHING DENOTES CRUSHED ROCK BACKFILL

AMENDMENTS

VER	DATE	REMARKS



breese pitt dixon pty. ltd.

land surveyors

civil engineers

MELWAY REF. 131-C-12

SURVEY B.P.D.

DESIGN RK

DRAWN RK

CHECKED

MERIDIAN ESTATE
STAGE II

SCALE AS SHOWN | DATUM AHD | DATE NOV. 17

MUNICIPALITY CASEY

REFERENCE 8129 E/11

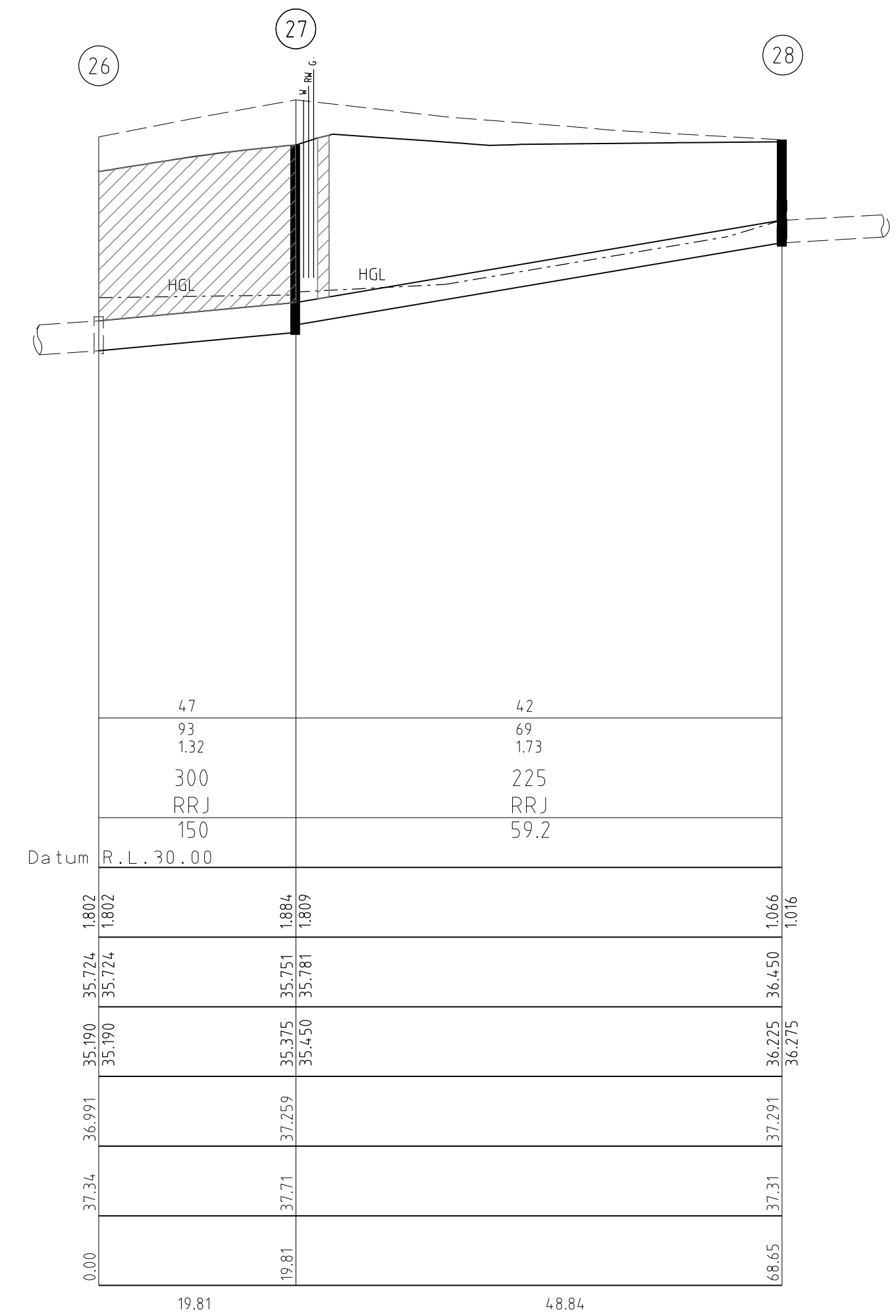
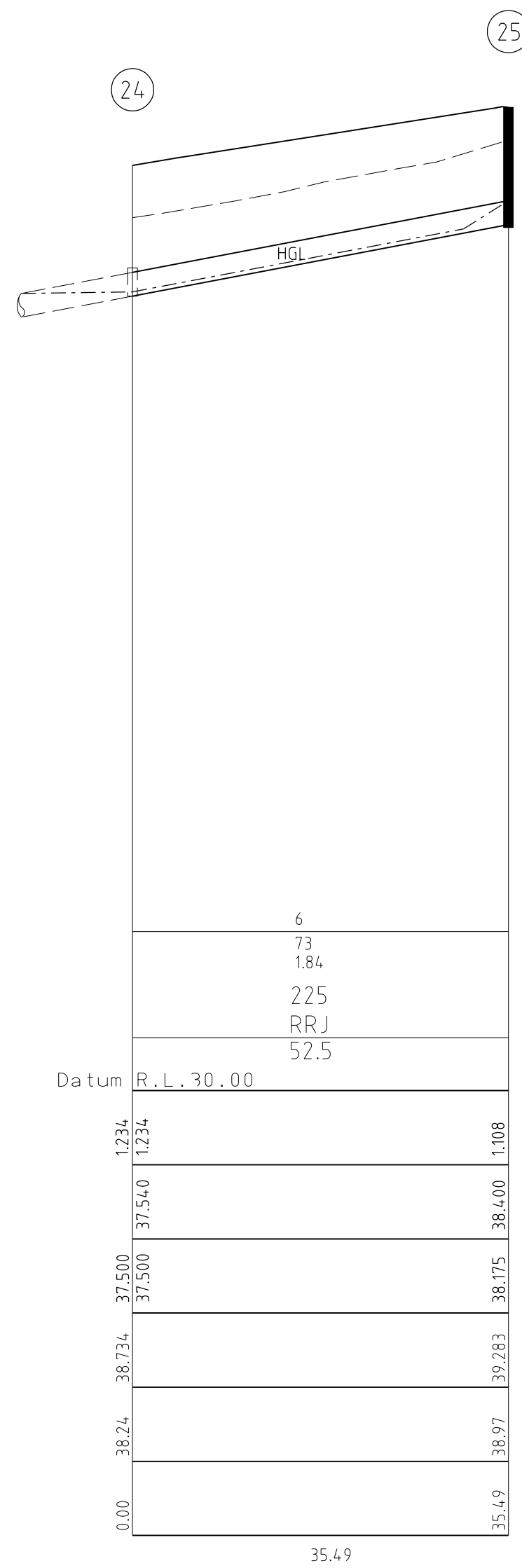
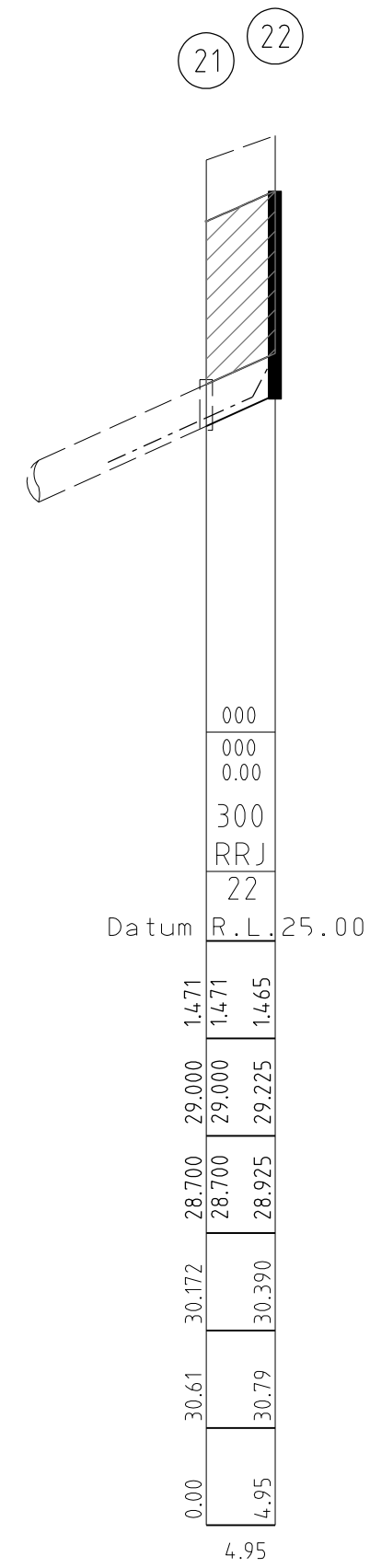
SHEET 18 OF 21

D:\bpd - 8129\design\stage 11\2018-01-13\E11-065.DGN Project: 8129/2018


Approved By: Khurshedul Alam
File No: 71758.SC-11 & SEng00078/17
Date: 18/04/2018

Subject to:
Approval of an EMP before any works start on site.

2		15		3		16		6		17		8		18		9	
Datum		Datum		Datum		Datum		Datum		Datum		Datum		Datum		Datum	
R. L. 25.00		R. L. 25.00		R. L. 27.00		R. L. 27.00		R. L. 30.00		R. L. 30.00		R. L. 30.00		R. L. 30.00		R. L. 30.00	
1989		1989		1983		1983		1940		1959		1959		1940		1940	
31.090		31.090		32.765		32.765		35.550		36.653		36.653		37.653		37.653	
31.165		31.165		33.187		33.187		35.966		37.323		37.323		38.712		38.712	
33.079		33.079		34.673		34.673		37.449		38.709		38.709		39.810		39.810	
32.45		32.45		34.68		34.68		37.55		38.94		38.94		39.95		39.95	
33.00		33.00		34.437		34.437		37.18		38.476		38.476		39.45		39.45	
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SCALE Hor. 1:500
 Vert 1:50

AMENDMENTS			 <div style="display: inline-block; vertical-align: middle; text-align: center;"> breese pitt dixon pty. ltd. land surveyors civil engineers </div>	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310								
				MELWAY REF. 131-C-12	MERIDIAN ESTATE STAGE 11			MUNICIPALITY				
				SURVEY B.P.D.				CASEY				
				DESIGN RK				REFERENCE				
				DRAWN RK				8129 ^{E/11}				
VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	19 OF 21	P 4

 DENOTES CRUSHED ROCK BACKFILL


Approved By: Khurshedul Alam

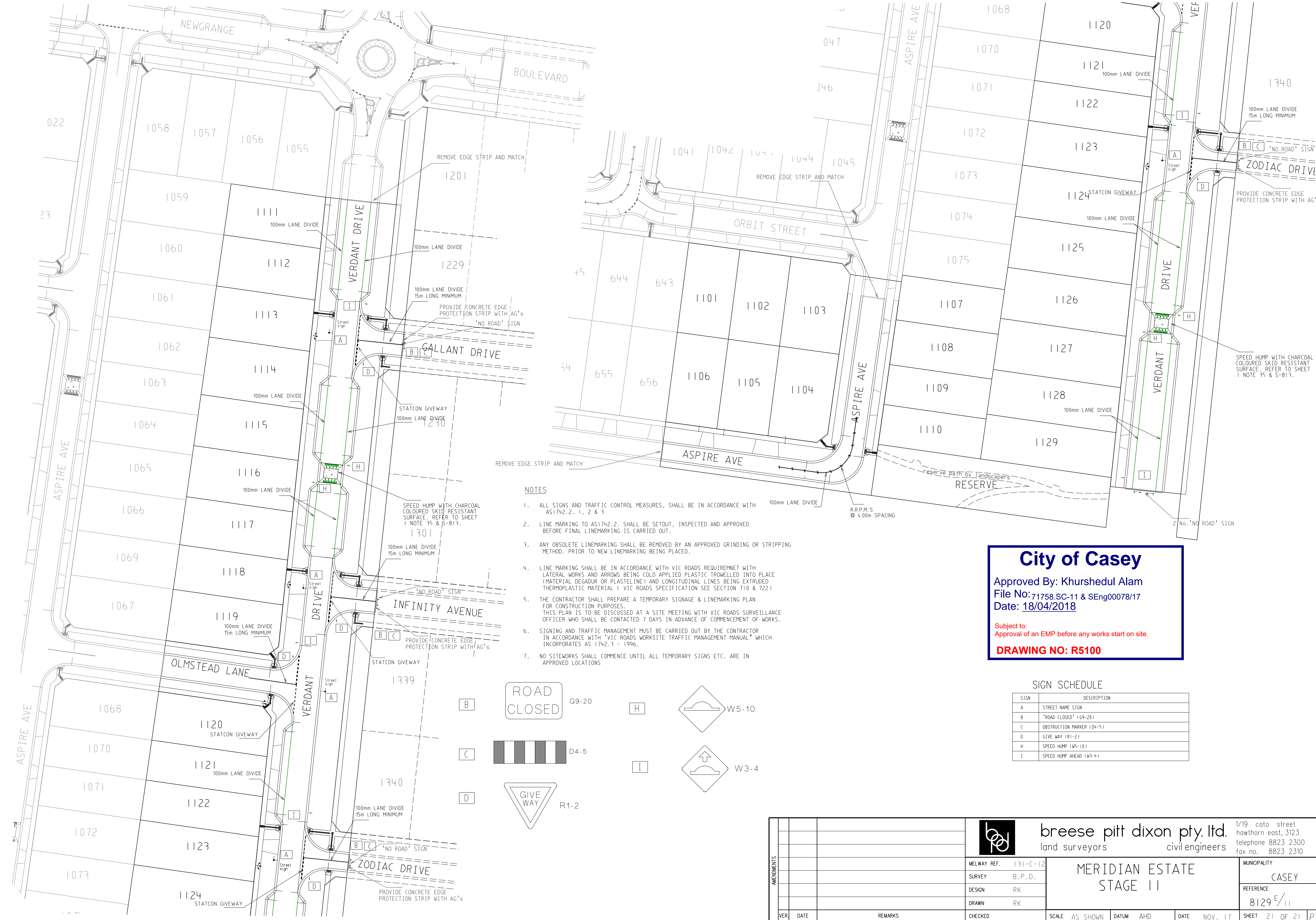
File No: 71758.SC-11 & SEng00078/17

Date: 18/04/2018

Subject to:
Approval of an EMP before any works start on site.

DRAWING NO: R5100

AMENDMENTS				breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310							
		MELWAY REF.	131-C-12	MERIDIAN ESTATE STAGE 11				MUNICIPALITY							
		SURVEY	B.P.D.					CASEY							
		DESIGN	RK					REFERENCE							
		DRAWN	RK					8129 E/11							
VER.	DATE	REMARKS		CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	NOV. 17	SHEET	20	OF	21	P4



City of Casey

Approved By: Khurshedul Alam

File No: 71758.SC-11 & SEng00078/17

Date: 18/04/2018

Subject to:

Approval of an EMP before any works start on site.

DRAWING NO: R5100

ROAD CLOSED

G9-20

GIVE WAY

R1-2

W5-10

W3-4

D4-5

SIGN SCHEDULE	
SIGN	DESCRIPTION
A	STREET NAME SIGN
B	'ROAD CLOSED' (G9-20)
C	OBSTRUCTION MARKER (D4-5)
D	GIVE WAY (R1-2)
H	SPEED HUMP (W5-10)
I	SPEED HUMP AHEAD (W3-4)

AMENDMENTS

VER	DATE	REMARKS

breese pitt dixon pty. ltd.

land surveyors

civil engineers

MELWAY REF. 131-C-12

SURVEY B.P.D.

DESIGN RK

DRAWN RK

CHECKED

MERIDIAN ESTATE

STAGE 11

SCALE AS SHOWN

DATUM AHD

DATE NOV. 17

MUNICIPALITY CASEY

REFERENCE 8129 E/11

SHEET 21 OF 21

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

Nov 17 2018 13:02:08

P4

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