

NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 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 BE R.C.(RRJ) AND 825mm DIA. AND GREATER TO BE R.C.(IJJ). 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 45deg. INFLUENCE LINE FROM THE B.O.M. 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.  
( 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 EDM703, EDM702, EDM703 & EDM704.
- 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.
- 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 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 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 SL72 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/BNB 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 0.75m FROM SIDE BOUNDARIES AND EASEMENTS UNLESS OTHERWISE SHOWN, AND CONSTRUCTED AS PER GAA STD DWGS EDM 501 & EDM 502
- ALL ROADS TO BE CONSTRUCTED WITH KERB & CHANNEL AS SHOWN. REFER GAA STD DWGS EDM401 & EDM402 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 - VERMILLION DRIVE, SCENERY DRIVE, MALING WAY, VICKERY WAY  
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 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 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<sup>-9</sup> 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.

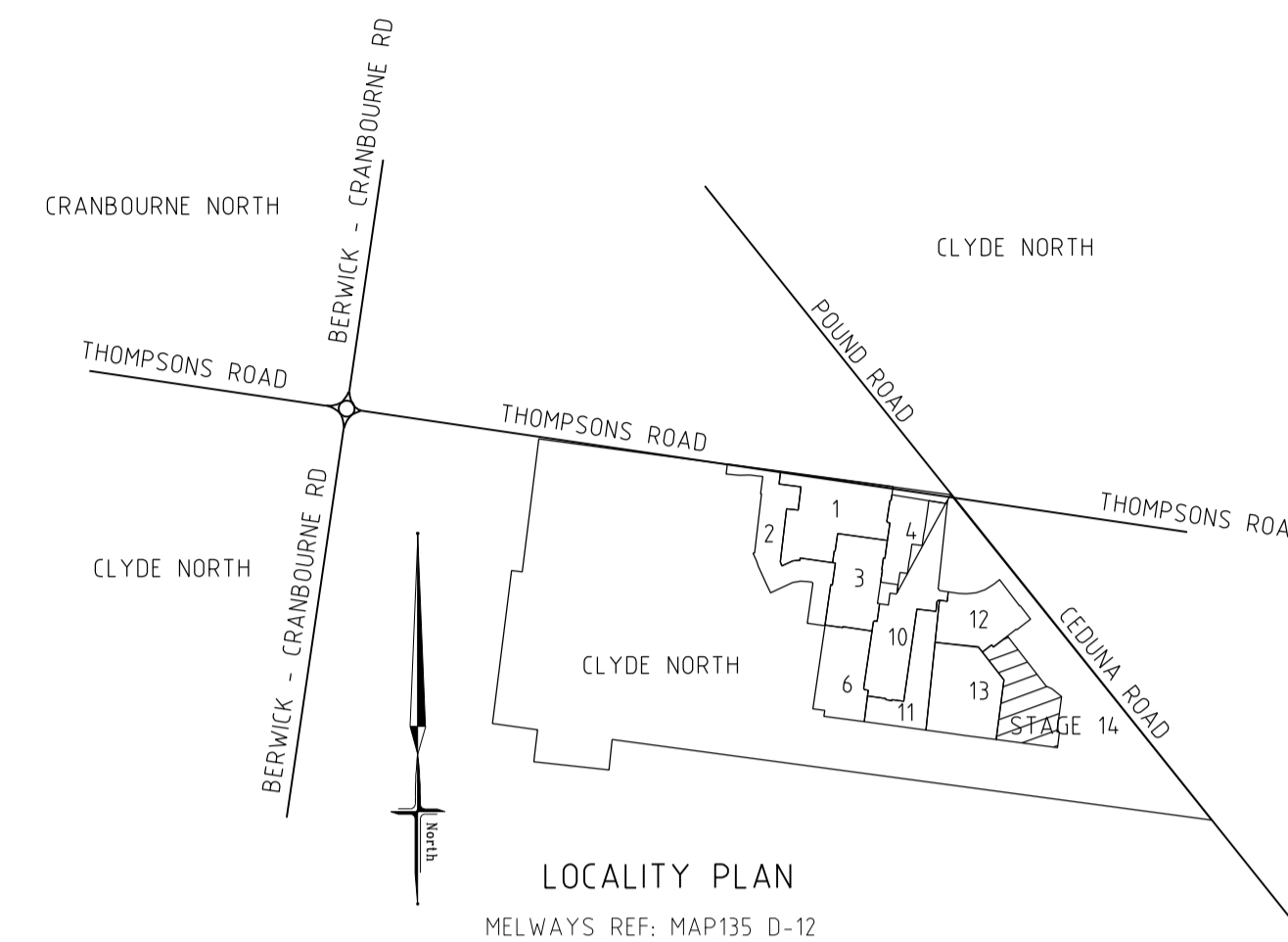
IN THE EVENT THAT SELECT GRANULAR MATERIAL CAN NOT ACHIEVE A CBR OF 10% IN SITU STABILISATION IS REQUIRED TO ACHIEVE 10% C.B.R. TO A MINIMUM DEPTH OF 300mm FOR ALL ROAD PAVEMENTS.

SPEED HUMP INFILLS SHOWN THUS  TO CONSIST OF:

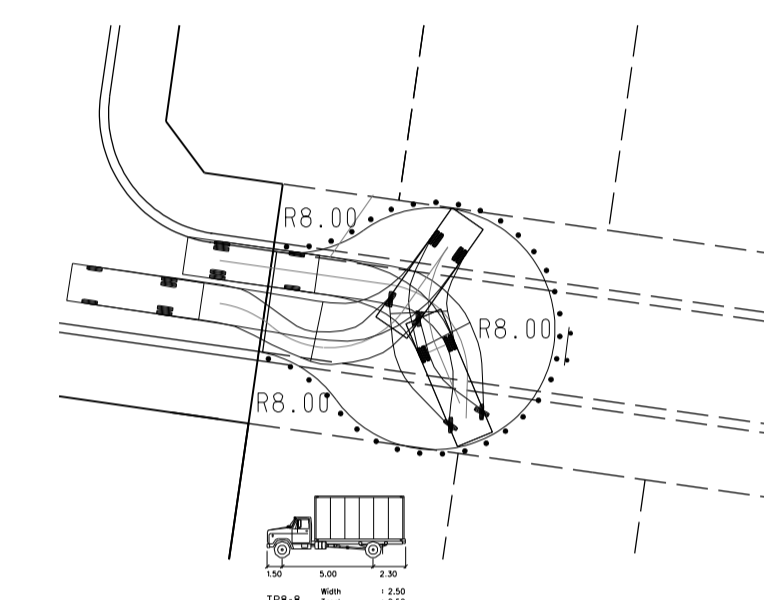
- 200mm THICK 32MPa CHARCOAL COLOURED CONCRETE IN GREY CEMENT WITH 6% BLACK OXIDE COLOUR TO BE ADDED TO AGGREGATE PRIOR TO POURING CONCRETE SL72 MESH PLACED CENTRALLY.
- 100mm THICK COMPACTED FCR BEDDING OR TO ROAD BASE COURSE

- 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-INSTANTMENT 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 7251/4/203) 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.
- 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.

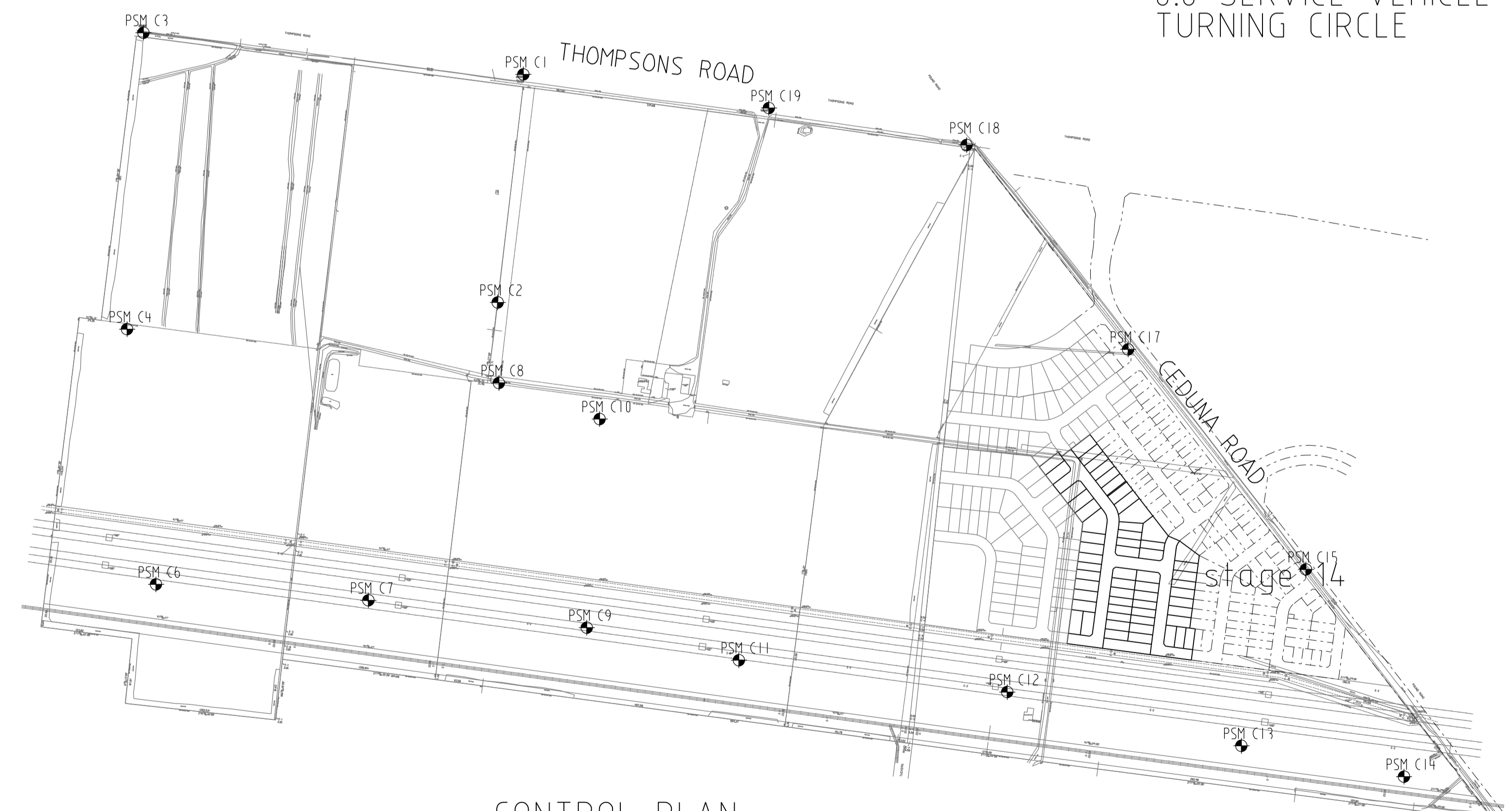
- TACTILE GROUND SURFACE INDICATORS (TGS1) ARE TO BE INSTALLED AT ALL PRAM CROSSINGS AND PEDESTRIAN CROSS POINTS.REFER GAA STD DWG EDM403.
- MAXIMUM CROSSFALL ON FOOTPATHS TO BE 1in50 (30mm FOR 1.50m PATH)
- AS CONSTRUCTED PLANS AND ELECTRONIC ASSET INFORMATION IN D-SPEC AND R-SPEC FORMAT MUST BE SUBMITTED 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



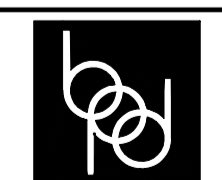
PSM No.	LOCAL GRID		R-L	DESCRIPTION
	NORTH	EAST		
C1	2000-000	1000-000	28-899	STAR PICKET
C2	1695-257	965-780	36-446	PEG
C3	2055-694	492-480	25-556	PIPE
C4	1659-550	470-607	26-964	PIPE
C6	1318-521	509-245	32-487	PIPE
C7	1297-165	793-017	32-267	PIPE
C8	1587-675	967-320	34-826	PIPE
C9	1260-619	1004-717	33-827	PIPE
C10	1539-465	1101-004	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	PM56
C19	1955-071	1327-983	38-265	PIPE



8.8 SERVICE VEHICLE TURNING CIRCLE



CONTROL PLAN

AMENDMENTS				<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		
	C	24.10.2018	ROAD NAMES AMENDED	MELWAY REF. 131-C-12	MERIDIAN ESTATE STAGE 14		
	B	19.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN	SURVEY B.P.D.		MUNICIPALITY CASEY	
	A	3.7.2018	ISSUED FOR CONSTRUCTION	DESIGN RK		REFERENCE 8129 E/14	
VER.	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE APR. 18	SHEET 1 OF 18



**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

**SERVICES OFFSETS AND LOCATIONS**

STREET NAME	RD. RESERVE	WATER		GAS	ELECTRICITY		FIBRE TO THE HOME		PITS	Bk. OF KERB	JOINT TRENCHING
		DW	NDW		CABLES	POLES	CABLES				
VERMILLION DRIVE	16.00	3.05 W	2.55 W	2.10 W	2.55 E	0.90 BOK	1.95 E	1.95 E	4.20 W	E,T,G,W	
PARAGON DRIVE	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	E,T,G,W	
SCENERY DRIVE	16.00	3.05 W	2.55 W	2.10 W	2.55 E	0.90 BOK	1.95 E	1.78 W	3.90 E	E,T,G,W	
SCENERY DRIVE (LOTS 1457-1459)	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 S	E,T,G,W	
VICKERY WAY	16.00	3.05 S	2.55 S	2.10 S	2.55 N	0.90 BOK	1.95 N	1.78 S	4.20 S	E,T,G,W	
MALTING WAY	16.00	3.05 S	2.55 S	2.10 S	2.55 N	0.90 BOK	1.95 N	1.78 S	4.20 S	E,T,G,W	

**ATTENTION TO CONTRACTOR**

- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE T.B.M. COORDINATES SHOWN.
- 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 (TGS) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH AS 1428

**SYMBOL LEGEND**

Drains	—●—●—	Ex/Natural/FS Level	—●—●—
Sewer <300	—●—●—	FS @ Building Line	—●—●—
Sewer >300	—●—●—	Top/Toe of Batter	—●—●—
Water	—●—●—	Top Ret. Wall Level	—●—●—
House Drain	—●—●—	100yr Flood Level	—●—●—
Property Inlet	—●—●—	Fill Prop/Ex > 200mm	—●—●—
Street Sign	—●—●—	Cut Prop/Ex > 200mm	—●—●—
PSM	—●—●—		
Retaining Wall	—●—●—		
Conduits 50mm	—●—●—		
Conduits 100mm	—●—●—		
Ex Gas/Elect/Tel	—●—●—		

LAYOUT PLAN



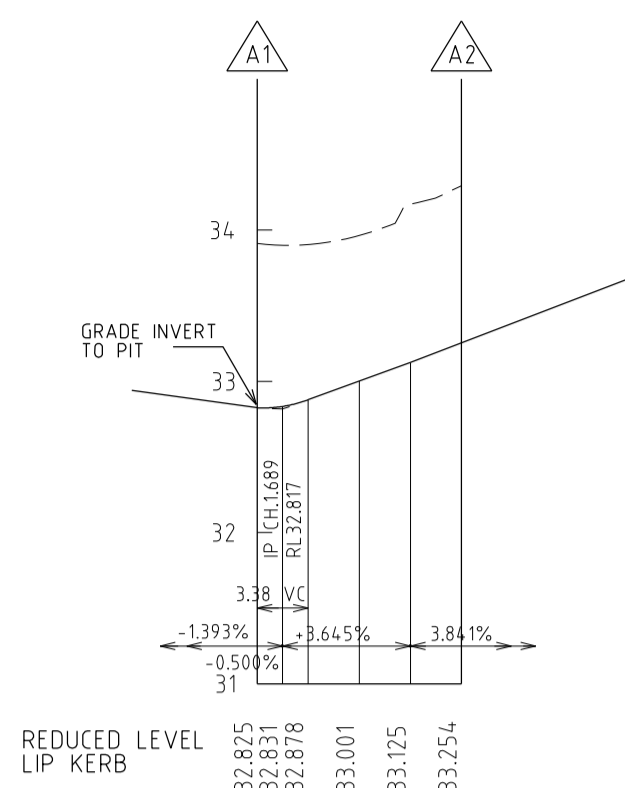
**breese pitt dixon pty. ltd.**  
 land surveyors civil engineers  
 1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310

AMENDMENTS	DATE	REMARKS	CHECKED
C	24.10.2018	ROAD NAMES AMENDED	B.P.D.
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN	RK
A	3.7.2018	ISSUED FOR CONSTRUCTION	RK

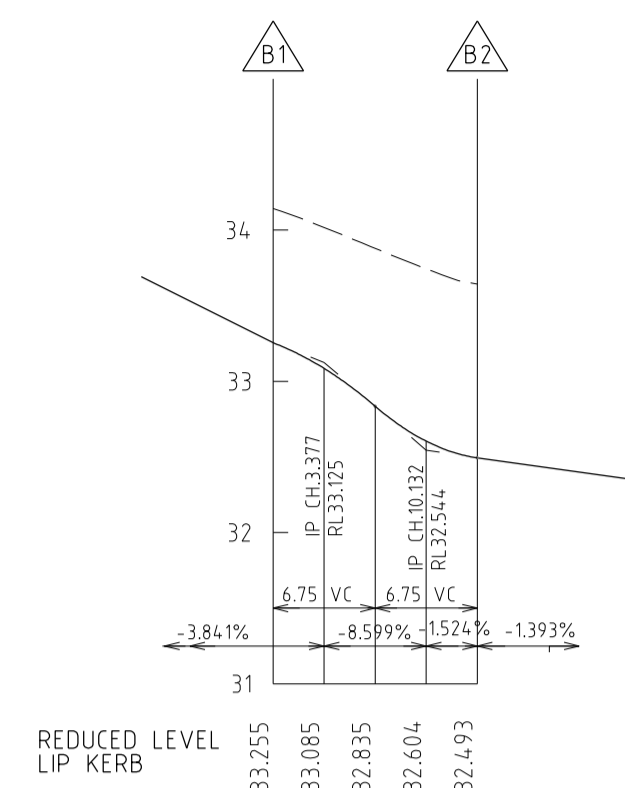
MELWAY REF. 131-C-12	SURVEY B.P.D.	DESIGN RK	DRAWN RK	CHECKED
MERIDIAN ESTATE STAGE 14		SCALE AS SHOWN	DATUM AHD	DATE APR. 18
MUNICIPALITY CASEY		REFERENCE 8129 E/14	SHEET 1 OF 18	



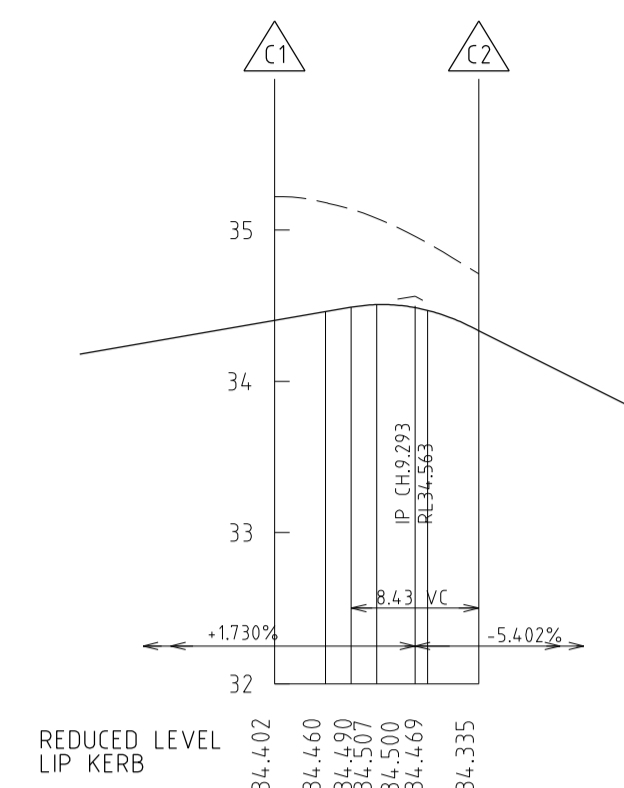




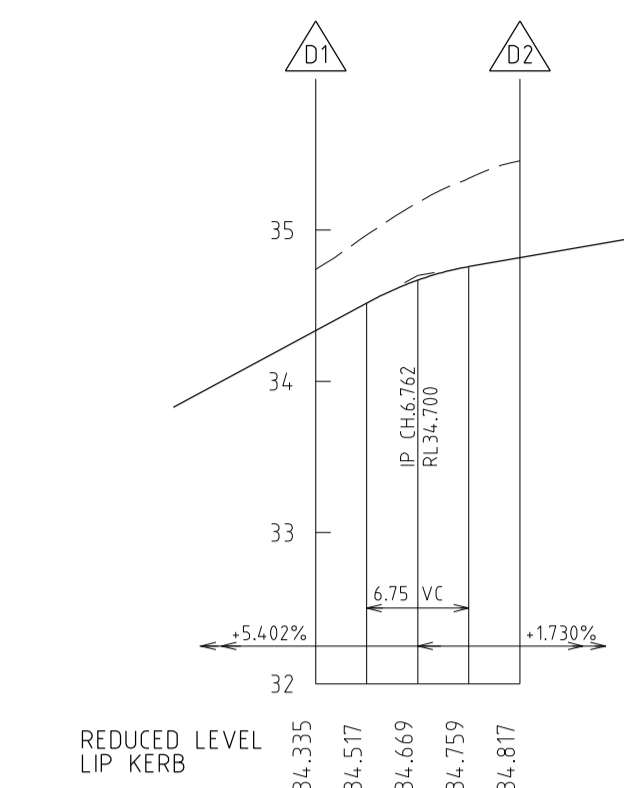
LIP LINE A  
SCALE (A1)  
H1500  
V150



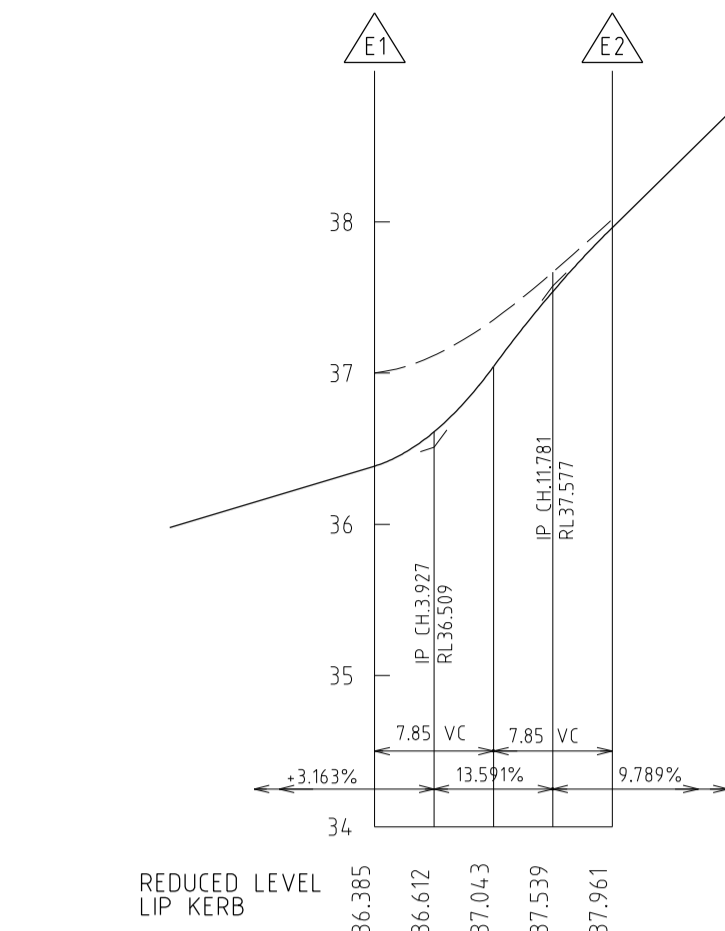
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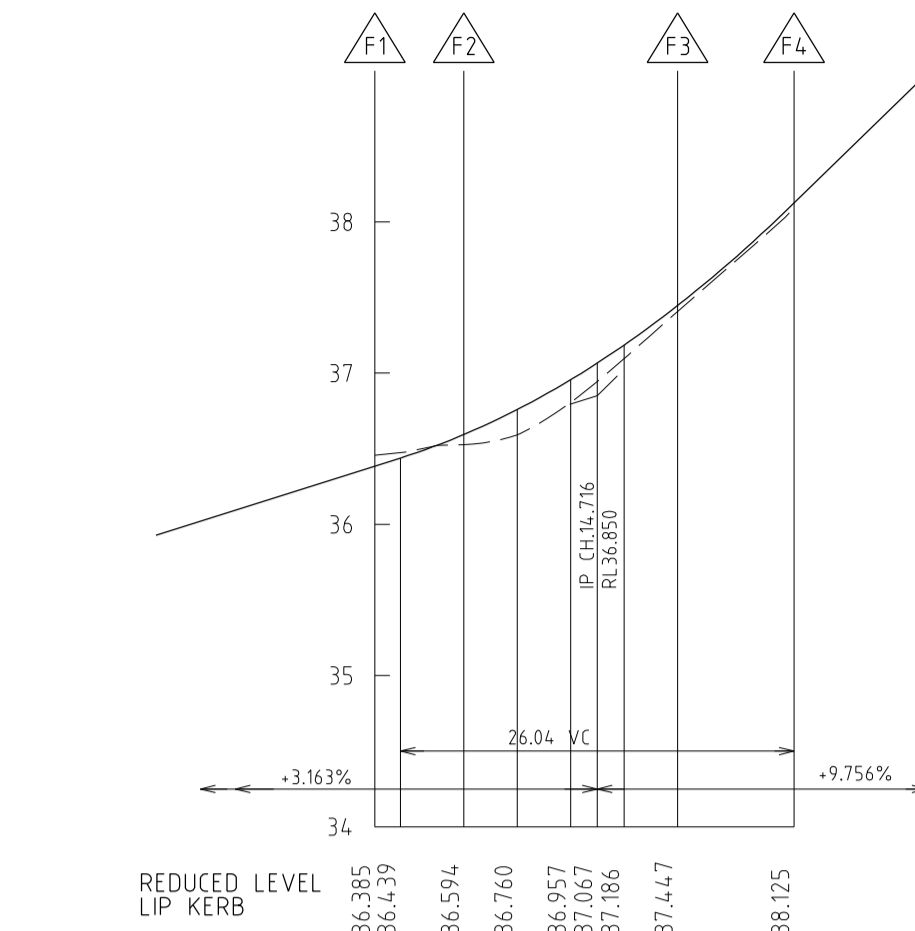
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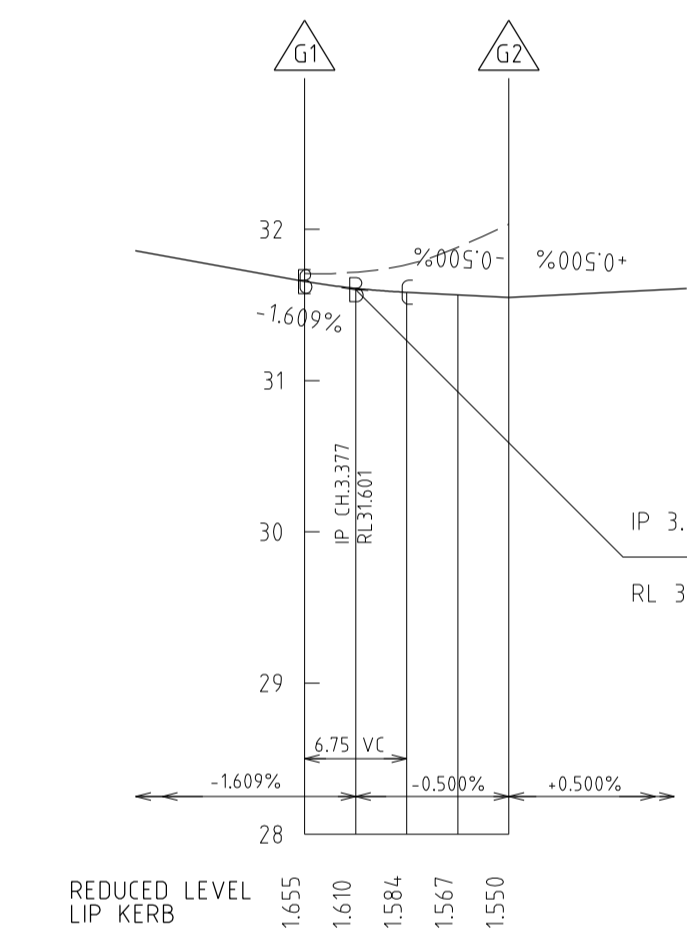
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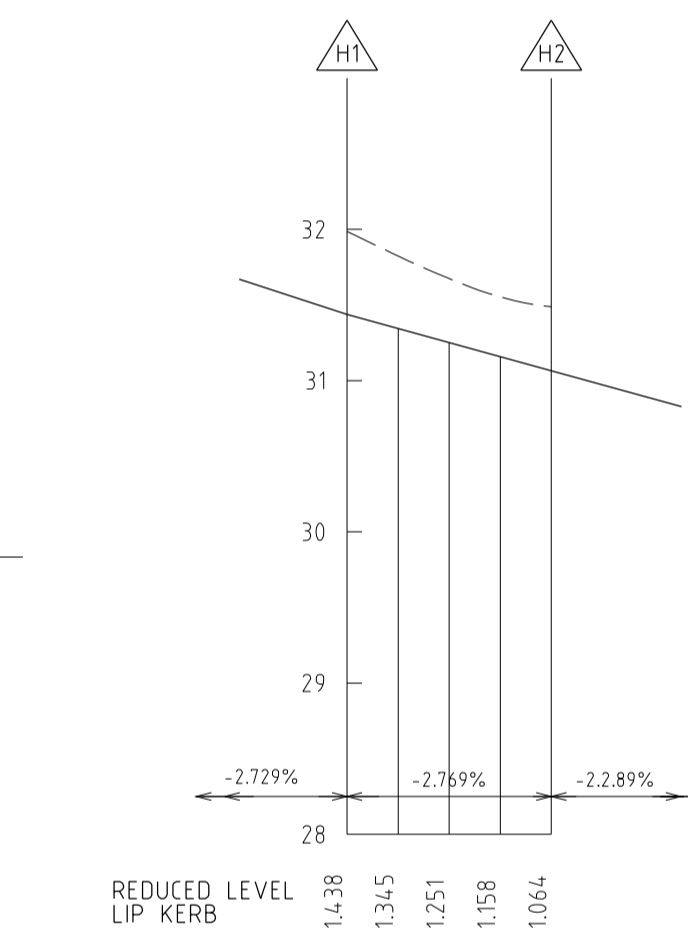
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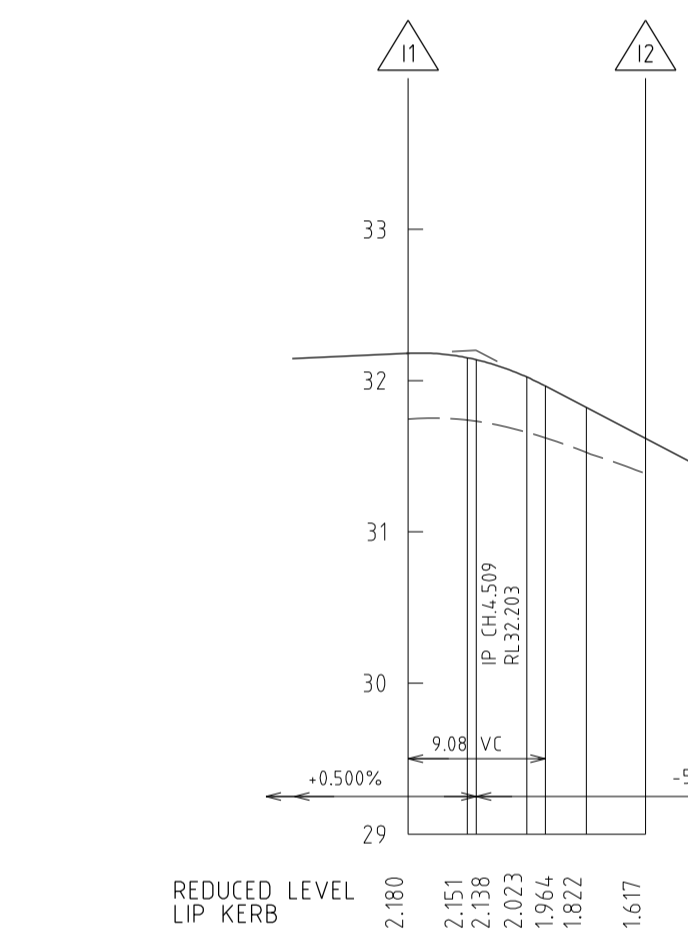
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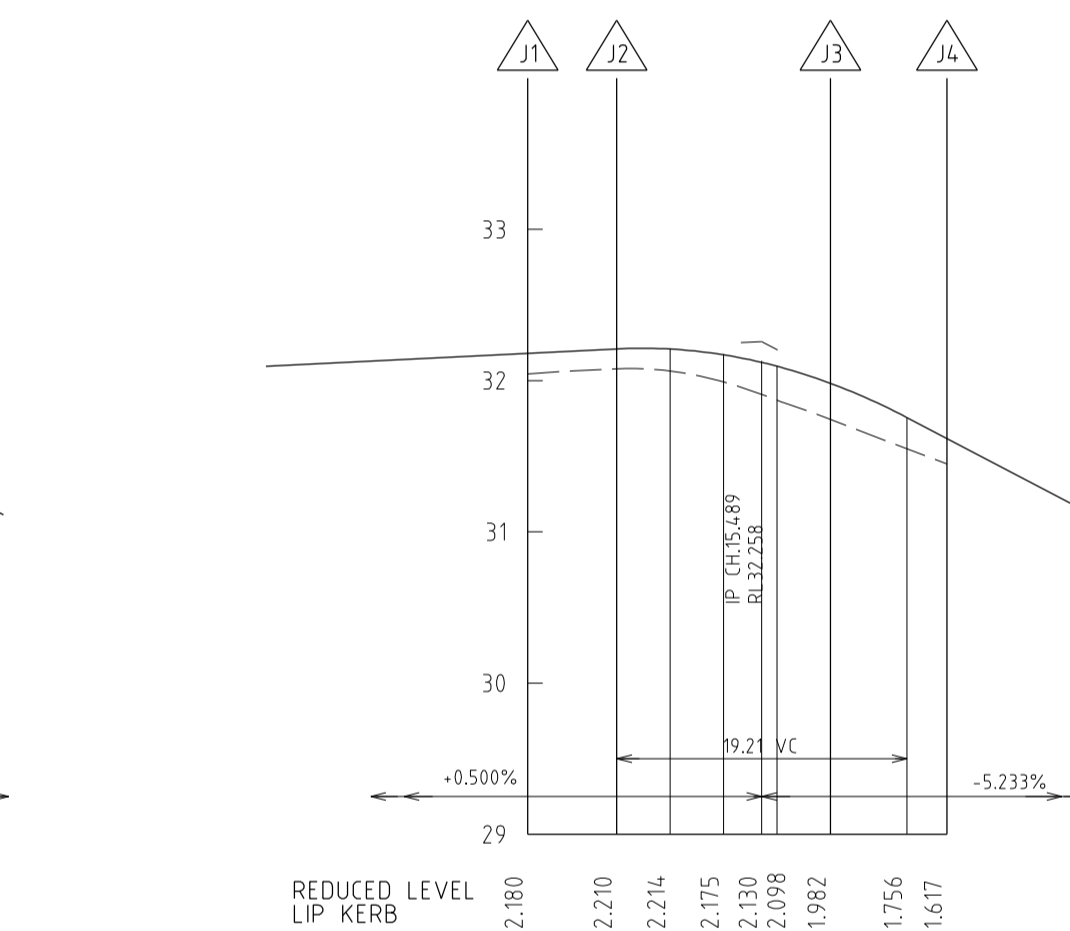
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SCALE (A1)  
H1500  
V150



LIP LINE H  
SCALE (A1)  
H1500  
V150



LIP LINE I  
SCALE (A1)  
H1500  
V150



LIP LINE J  
SCALE (A1)  
H1500  
V150

AMENDMENTS	DATE	REMARKS	CHECKED	SCALE	DATUM	AHD	DATE	SHEET	OF	VER
C	24.10.2018	ROAD NAMES AMENDED		AS SHOWN	AHD		APR. 18	5	OF 18	C
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN								
A	3.7.2018	ISSUED FOR CONSTRUCTION								

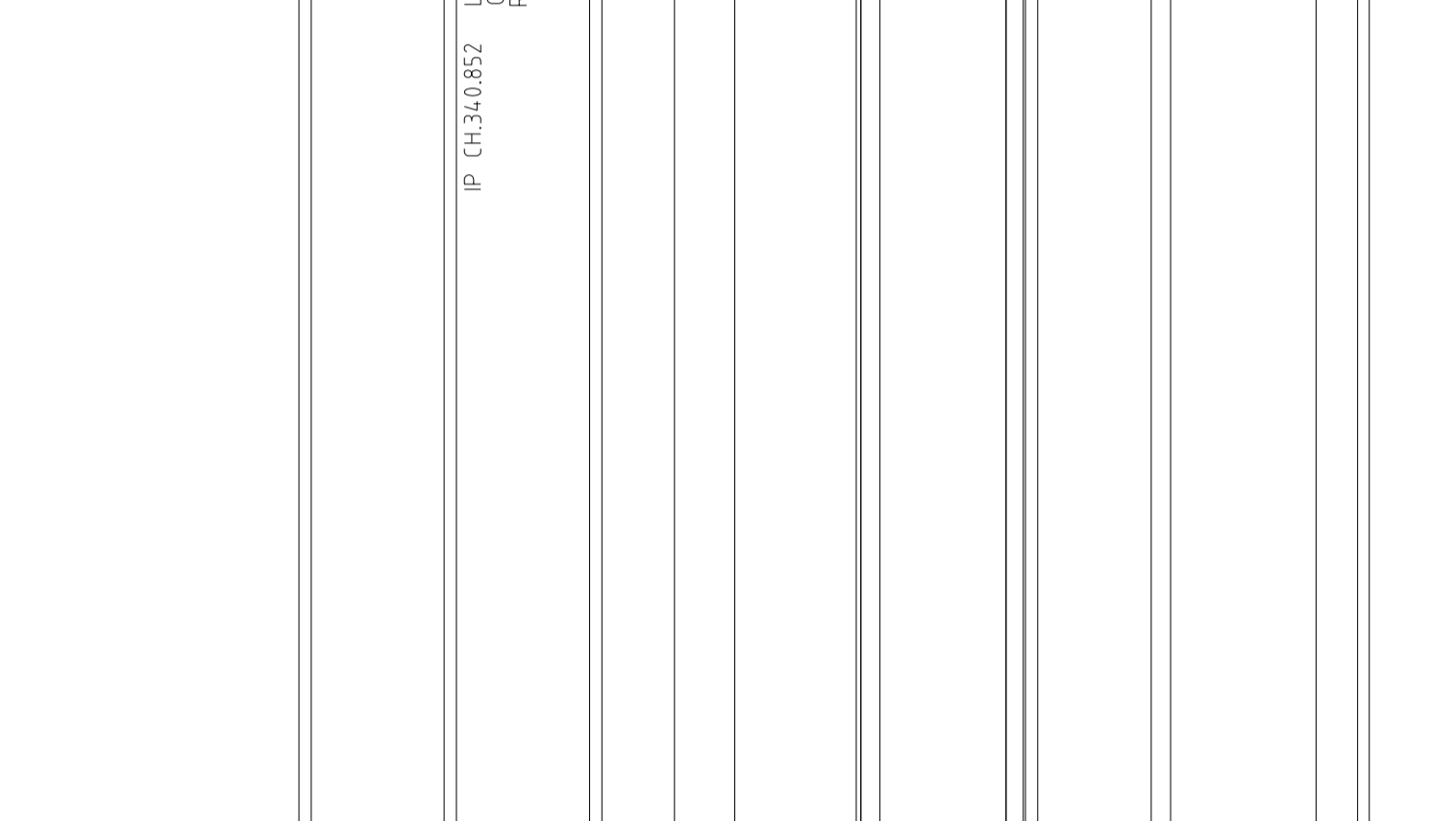
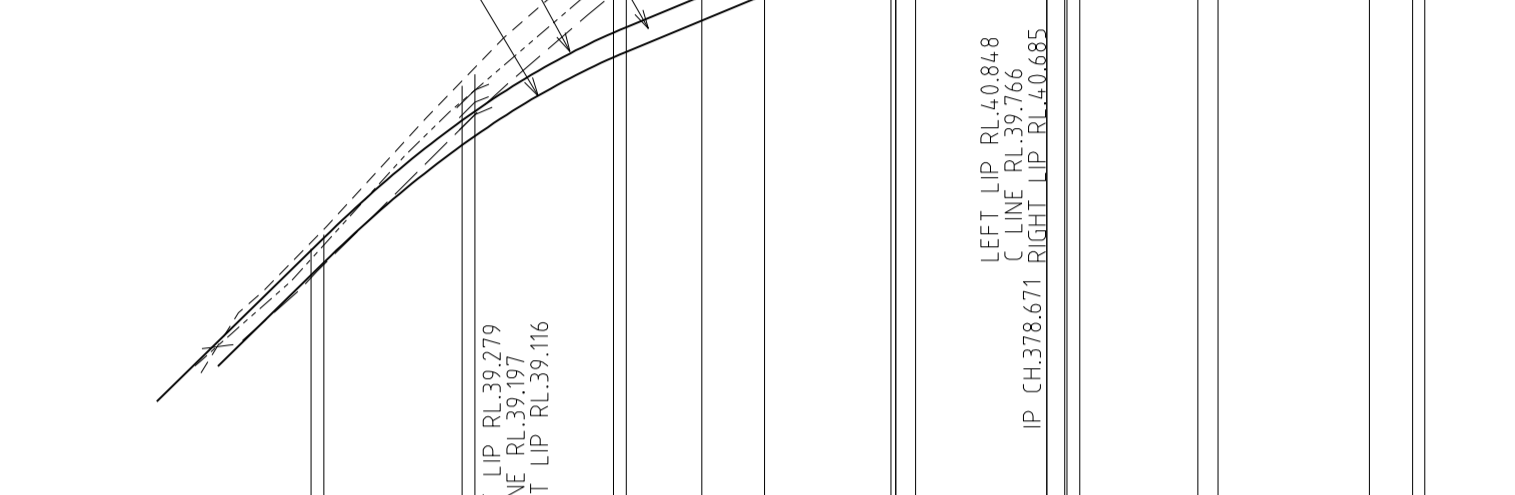
  

MELWAY REF.	131-C-12	<b>breese pitt dixon pty. ltd.</b> land surveyors      civil engineers 1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	MUNICIPALITY	CASEY
SURVEY	B.P.D.		REFERENCE	8129 E/14
DESIGN	RK			
DRAWN	RK			



CHAINAGE CENTRE LINE ROAD	316.00	316.61	320.00	320.85	358.61	360.00	368.67	370.00	378.67	380.00	388.67	390.00	400.00	410.00	420.00
DESIGN TOP OF RETAINING WALL	40.017	40.071	40.191	40.263	40.836	40.924	41.370	41.425	41.743	41.787	42.035	42.068	42.319	42.569	42.569

DESIGN CENTRE LINE  
DESIGN LEFT LIP OF KERB  
DESIGN RIGHT LIP OF KERB

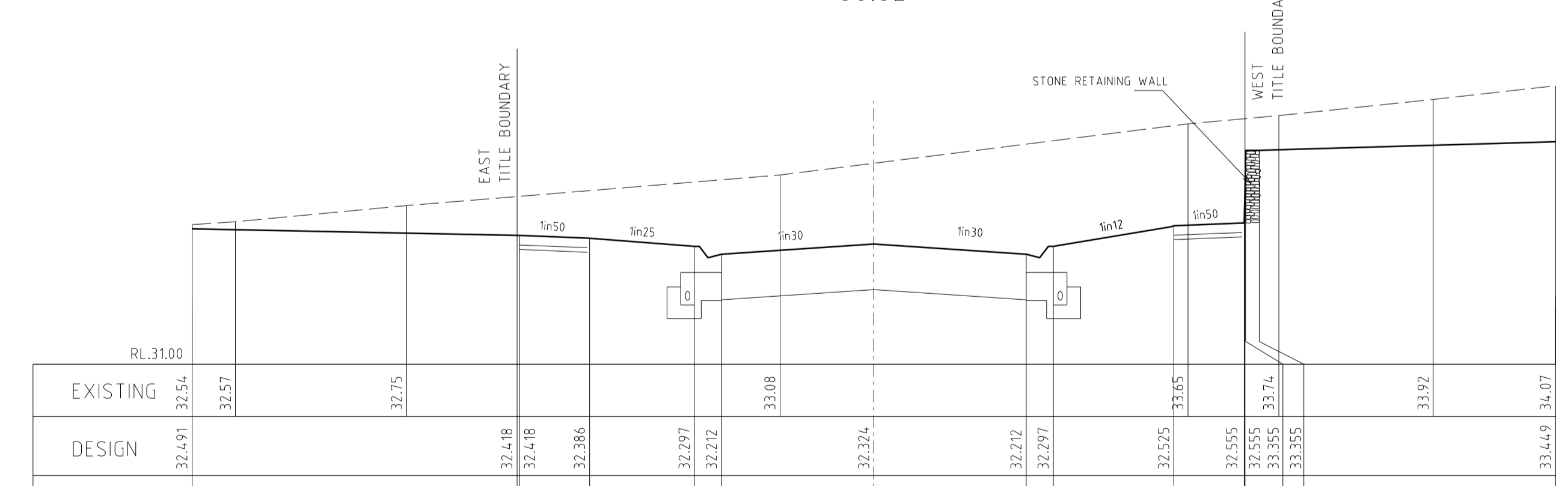
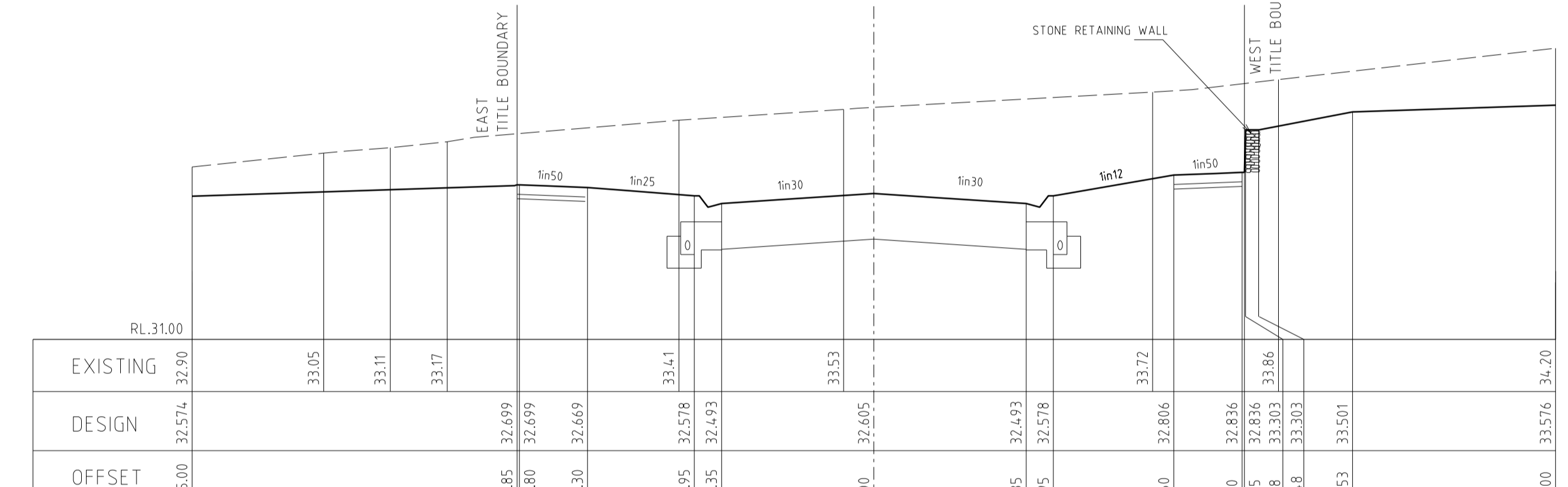
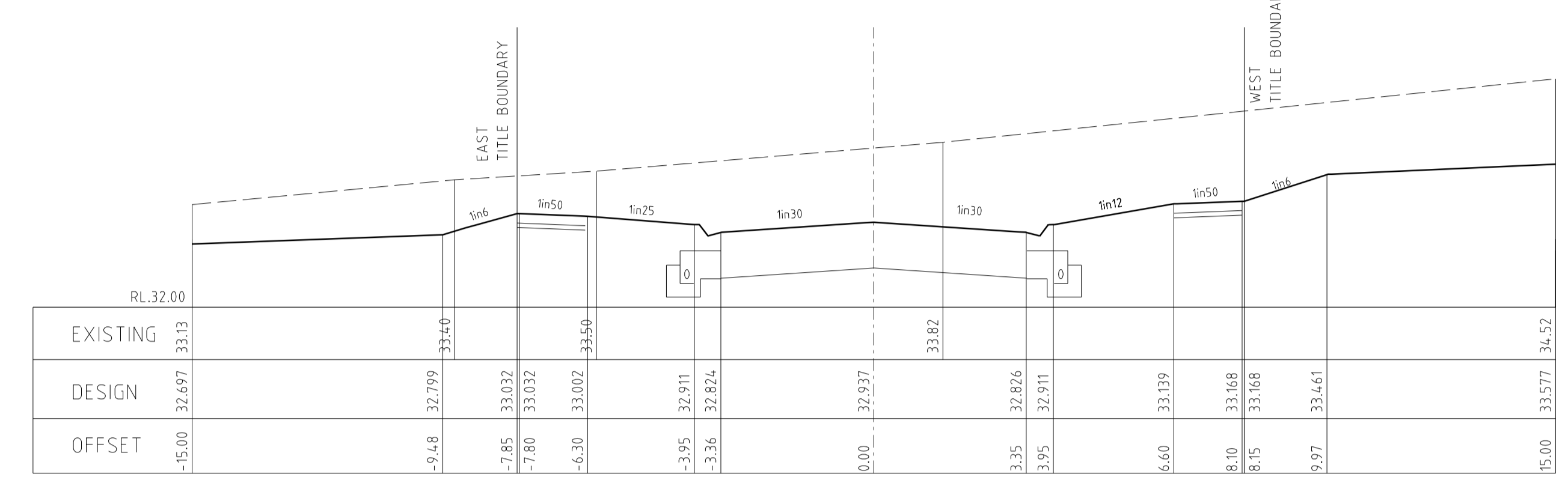
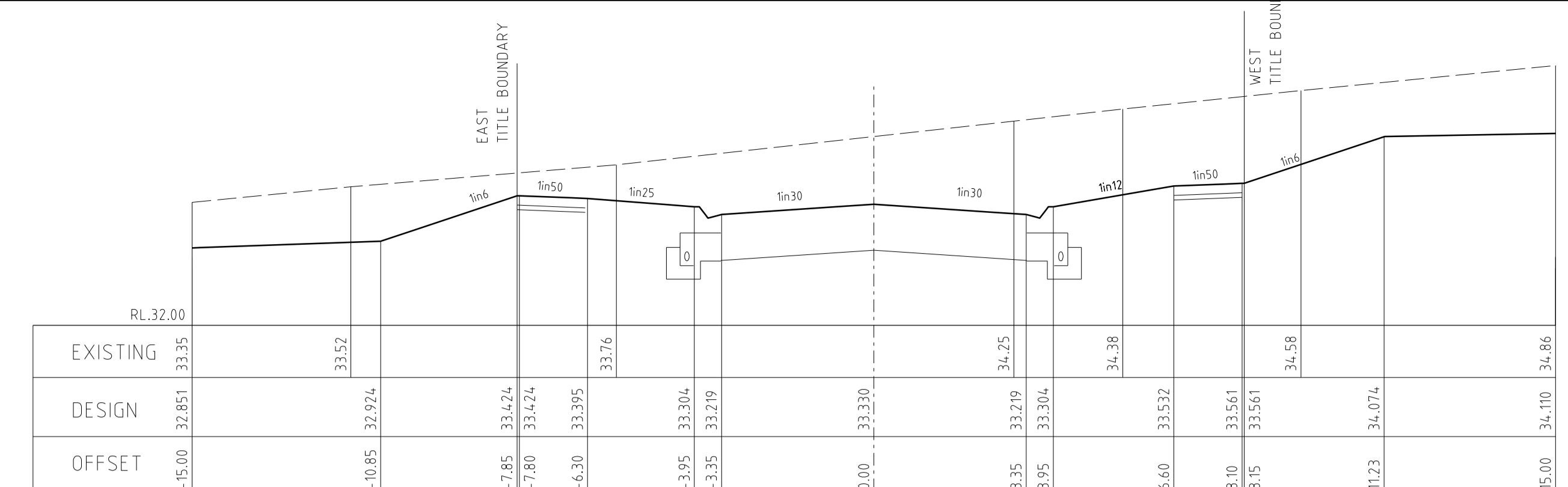


V.C. LENGTH LEFT LIP KERB	20.00m	V.C.	20.00m	V.C.	20.00m	V.C.	20.00m	V.C.
GRADES LEFT LIP KERB	+9.789%		+4.149%		+4.149%		+2.502%	
V.C. LENGTH CENTRE LINE	20.00m	V.C.	20.00m	V.C.	20.00m	V.C.	20.00m	V.C.
GRADES CENTRE LINE	+9.789%		+4.149%		+4.149%		+2.502%	
V.C. LENGTH RIGHT LIP KERB	20.00m	V.C.	20.00m	V.C.	20.00m	V.C.	20.00m	V.C.
GRADES RIGHT LIP KERB	+9.789%		+4.149%		+4.149%		+2.502%	

ORIGINAL ES LEFT TITLE BOUNDARY	38.23	38.717	39.31	40.18	40.94	41.63	42.07	42.66
DESIGN LEFT LIP OF KERB	38.054	38.137	38.915	39.057	39.992	40.725	41.382	42.36
DESIGN CENTRE LINE	38.054	38.137	38.915	39.057	39.992	40.725	41.382	42.36
DESIGN RIGHT LIP OF KERB	38.054	38.137	38.915	39.057	39.992	40.725	41.382	42.36
ORIGINAL ES RIGHT TITLE BOUNDARY	38.02	39.01	39.90	40.72	41.15	41.84	42.13	42.66
ES CENTRE LINE ROAD	38.16	39.21	40.06	40.94	41.77	42.52	43.24	44.07
CHAINAGE CENTRE LINE ROAD	330.00	330.85	340.00	340.85	350.00	350.85	360.00	360.85

PARAGON DRIVE LONGITUDINAL SECTION

SCALE Hor. 1:500  
Vert 1:50



VERMILION DRIVE CROSS SECTIONS

SCALE Hor. 1:100  
Vert 1:50

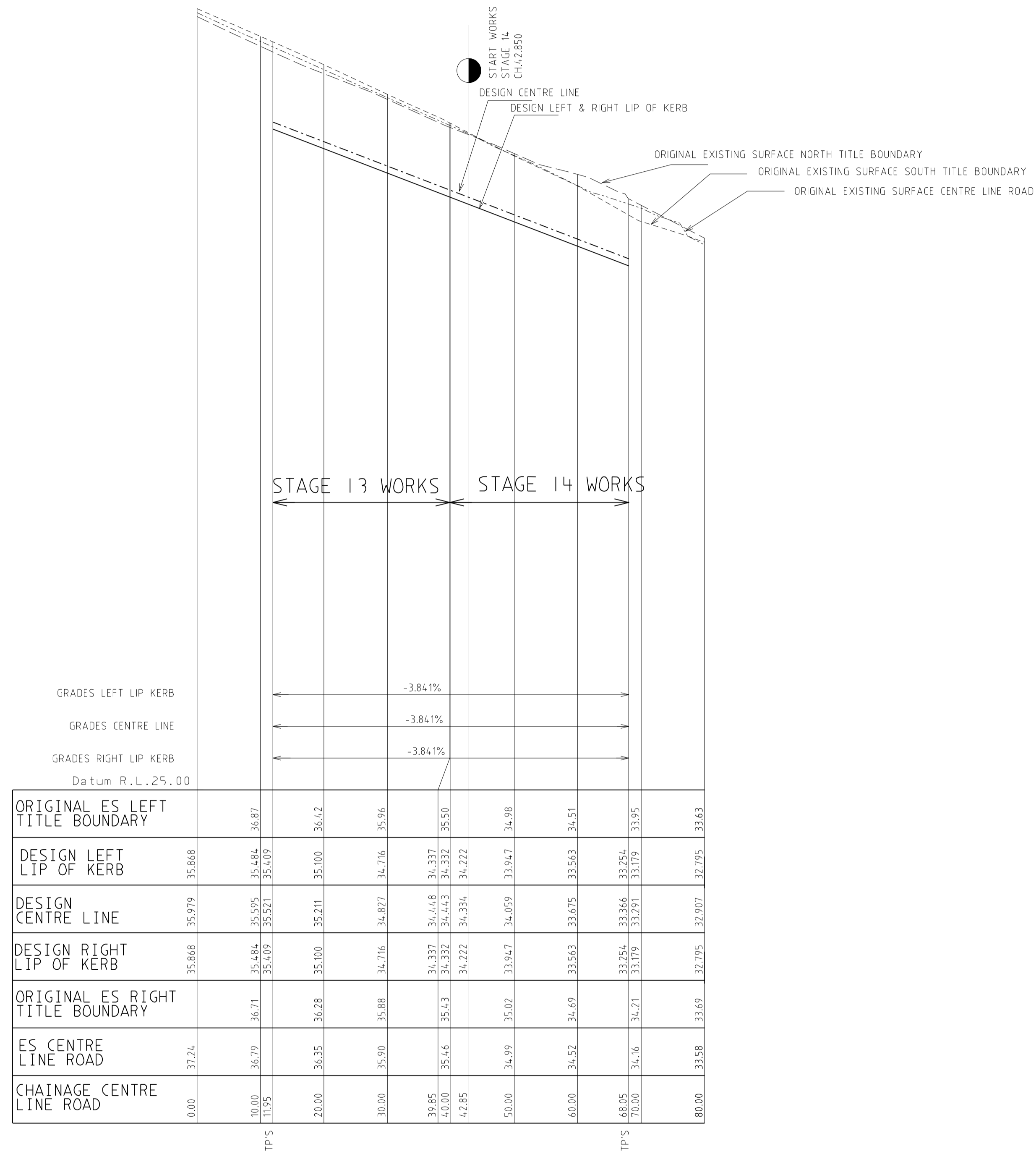
AMENDMENTS		MELWAY REF. 131-C-12		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310						
C	24.10.2018	ROAD NAMES AMENDED	SURVEY	B. P. D.	MERIDIAN ESTATE STAGE 14		MUNICIPALITY					
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN	DESIGN	RK			CASEY					
A	3.7.2018	ISSUED FOR CONSTRUCTION	DRAWN	RK			REFERENCE					
VER	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	APR. 18	SHEET	7 OF 18	C

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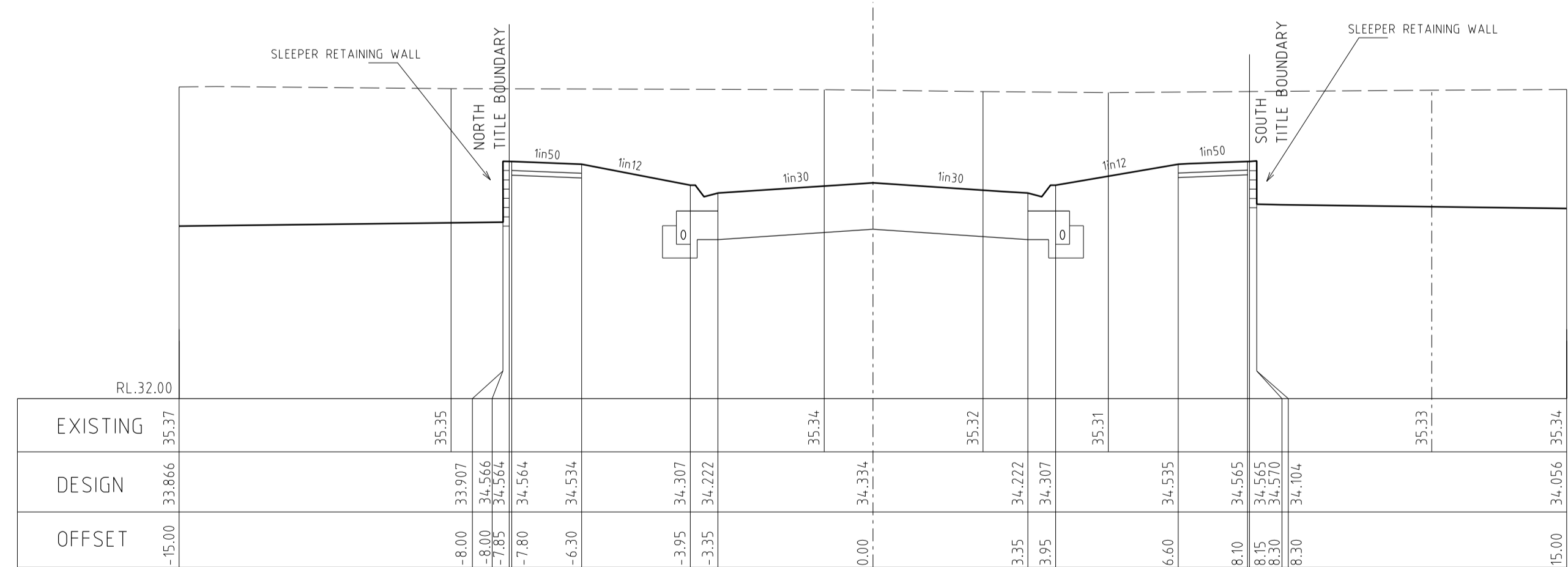
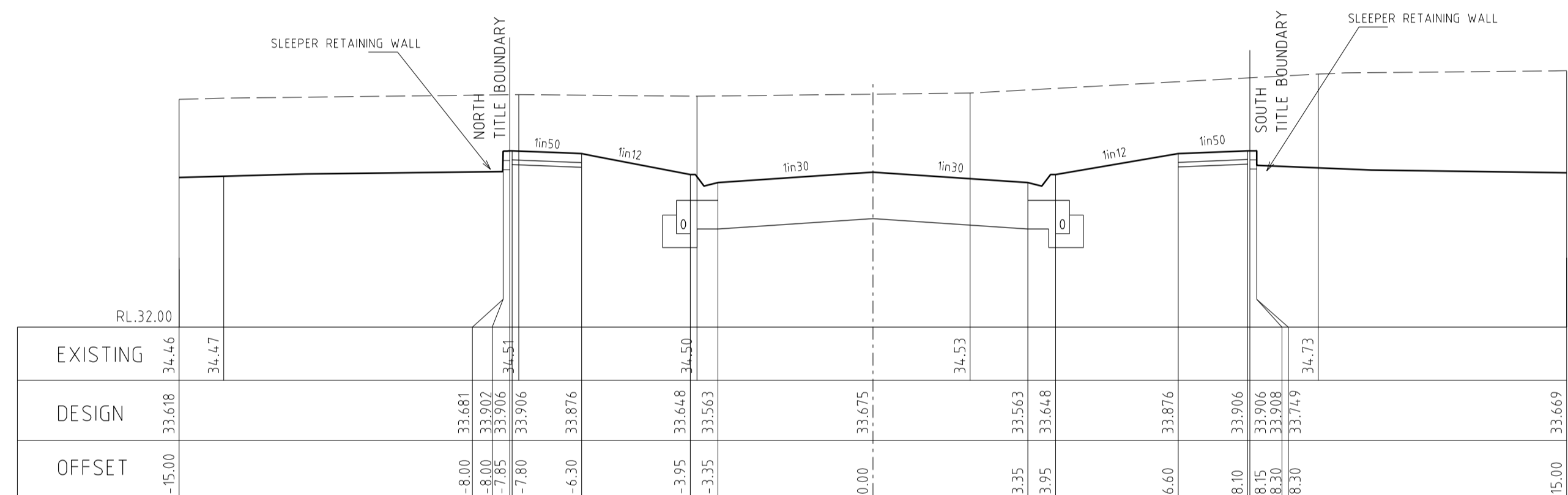
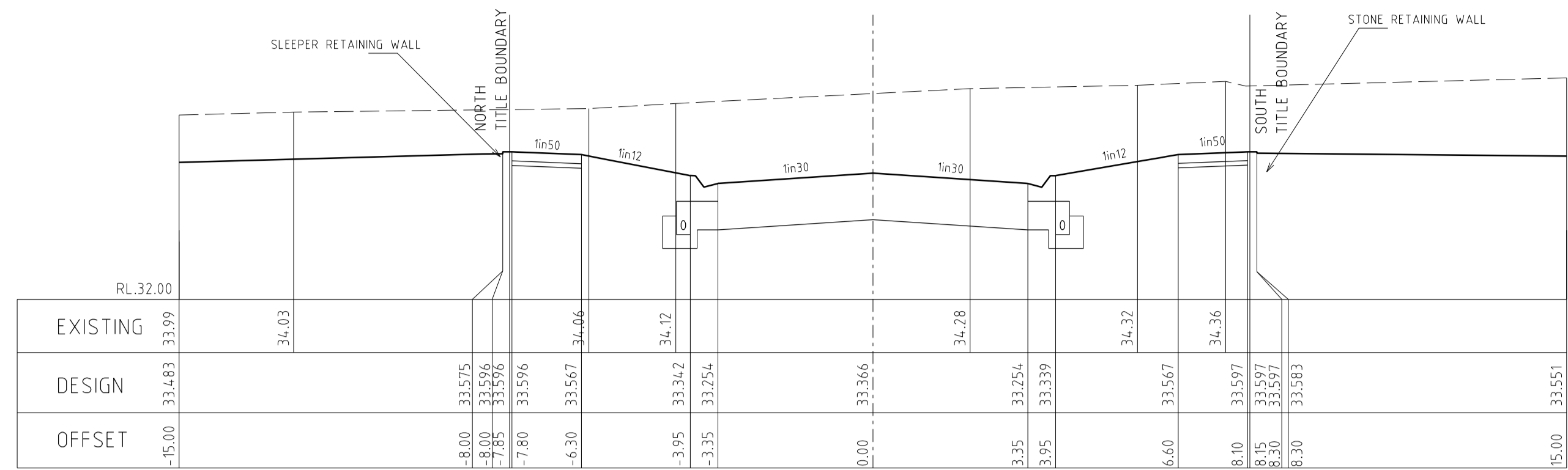






MALING WAY LONGITUDINAL SECTION

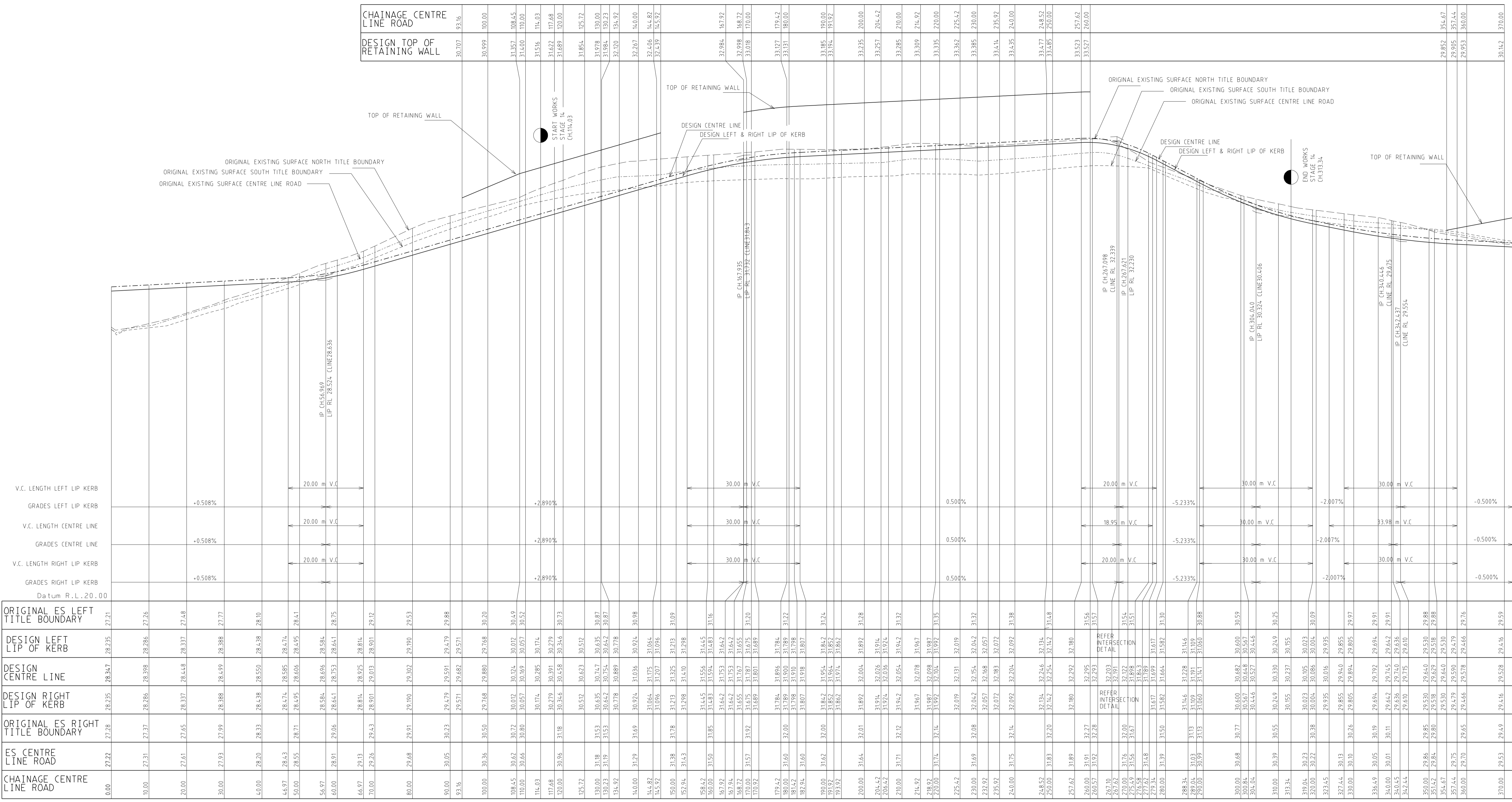
SCALE Hor. 1:500  
Vert 1:50



MALING WAY CROSS SECTIONS

SCALE Hor. 1:100  
Vert 1:50

		<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	
<b>MELWAY REF. 131-C-12</b>		<b>SURVEY B.P.D.</b>		<b>MUNICIPALITY CASEY</b>	
<b>DESIGN RK</b>		<b>DRAWN RK</b>		<b>REFERENCE 8129 E/14</b>	
<b>AMENDMENTS</b>		<b>VER. DATE</b>		<b>REMARKS</b>	
C 24.10.2018 ROAD NAMES AMENDED		B 9.7.2018 GENERAL AMENDMENTS DUE TO WATER DESIGN		A 3.7.2018 ISSUED FOR CONSTRUCTION	
CHECKED		SCALE AS SHOWN		DATUM AHD	
DATE		APR. 18		SHEET 10 OF 18	



CHAINAGE CENTRE LINE ROAD	DESIGN TOP OF RETAINING WALL	TOP OF RETAINING WALL	DESIGN TOP OF RETAINING WALL	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	30.707	30.707	30.707	27.22	28.347	28.347	28.347	27.28	27.22	0.00
10.00	30.999	30.999	30.999	27.26	28.286	28.398	28.286	27.37	27.31	10.00
20.00	31.357	31.357	31.357	27.48	28.337	28.448	28.337	27.65	27.61	20.00
30.00	31.689	31.689	31.689	27.77	28.388	28.499	28.388	27.99	27.93	30.00
40.00	31.978	31.978	31.978	28.10	28.438	28.550	28.438	28.33	28.20	40.00
46.97	31.984	31.984	31.984	28.474	28.474	28.585	28.474	28.474	28.43	46.97
50.00	32.120	32.120	32.120	28.41	28.495	28.606	28.495	28.71	28.55	50.00
56.97	32.267	32.267	32.267	28.75	28.584	28.696	28.584	29.06	28.91	56.97
60.00	32.406	32.406	32.406	28.814	28.641	28.753	28.641	29.06	28.91	60.00
66.97	32.439	32.439	32.439	28.912	28.814	28.925	28.814	29.43	29.26	66.97
70.00	32.572	32.572	32.572	29.53	29.013	29.013	29.013	29.43	29.26	70.00
80.00	32.700	32.700	32.700	29.88	29.190	29.302	29.190	29.91	29.68	80.00
90.00	32.854	32.854	32.854	29.88	29.479	29.591	29.479	30.23	30.05	90.00
93.16	32.984	32.984	32.984	29.88	29.571	29.682	29.571	30.23	30.05	93.16
100.00	33.120	33.120	33.120	30.20	29.768	29.880	29.768	30.50	30.36	100.00
108.45	33.156	33.156	33.156	30.49	30.012	30.124	30.012	30.72	30.62	108.45
110.00	33.156	33.156	33.156	30.52	30.057	30.169	30.057	30.80	30.66	110.00
114.03	33.156	33.156	33.156	30.73	30.174	30.285	30.174	30.778	30.66	114.03
117.68	33.156	33.156	33.156	30.73	30.279	30.391	30.279	31.18	30.96	117.68
120.00	33.156	33.156	33.156	30.73	30.346	30.458	30.346	31.18	30.96	120.00
125.72	33.156	33.156	33.156	30.87	30.512	30.623	30.512	31.69	31.29	125.72
130.00	33.156	33.156	33.156	30.87	30.635	30.747	30.635	31.69	31.29	130.00
130.23	33.156	33.156	33.156	30.87	30.642	30.754	30.642	31.69	31.29	130.23
134.92	33.156	33.156	33.156	30.87	30.778	30.889	30.778	31.69	31.29	134.92
140.00	33.156	33.156	33.156	30.98	30.924	31.036	30.924	31.69	31.29	140.00
144.82	33.156	33.156	33.156	30.98	31.064	31.175	31.064	31.69	31.29	144.82
145.92	33.156	33.156	33.156	30.98	31.096	31.207	31.096	31.69	31.29	145.92
150.00	33.156	33.156	33.156	31.09	31.213	31.325	31.213	31.69	31.29	150.00
152.94	33.156	33.156	33.156	31.28	31.298	31.410	31.298	31.69	31.29	152.94
158.42	33.156	33.156	33.156	31.28	31.445	31.556	31.445	31.69	31.29	158.42
160.00	33.156	33.156	33.156	31.28	31.483	31.594	31.483	31.69	31.29	160.00
167.92	33.156	33.156	33.156	31.32	31.642	31.753	31.642	31.69	31.29	167.92
167.94	33.156	33.156	33.156	31.32	31.642	31.753	31.642	31.69	31.29	167.94
168.72	33.156	33.156	33.156	31.32	31.655	31.767	31.655	31.69	31.29	168.72
170.00	33.156	33.156	33.156	31.32	31.675	31.787	31.675	31.69	31.29	170.00
170.92	33.156	33.156	33.156	31.32	31.689	31.801	31.689	31.69	31.29	170.92
179.42	33.156	33.156	33.156	31.22	31.784	31.896	31.784	31.69	31.29	179.42
180.00	33.156	33.156	33.156	31.22	31.789	31.900	31.789	31.69	31.29	180.00
181.42	33.156	33.156	33.156	31.22	31.798	31.910	31.798	31.69	31.29	181.42
182.94	33.156	33.156	33.156	31.22	31.807	31.918	31.807	31.69	31.29	182.94
190.00	33.156	33.156	33.156	31.24	31.842	31.954	31.842	31.69	31.29	190.00
191.92	33.156	33.156	33.156	31.24	31.852	31.964	31.852	31.69	31.29	191.92
193.92	33.156	33.156	33.156	31.24	31.862	31.974	31.862	31.69	31.29	193.92
200.00	33.156	33.156	33.156	31.28	31.892	32.004	31.892	31.69	31.29	200.00
204.42	33.156	33.156	33.156	31.32	31.914	32.026	31.914	31.69	31.29	204.42
206.42	33.156	33.156	33.156	31.32	31.924	32.036	31.924	31.69	31.29	206.42
210.00	33.156	33.156	33.156	31.32	31.942	32.054	31.942	31.69	31.29	210.00
214.92	33.156	33.156	33.156	31.32	31.967	32.078	31.967	31.69	31.29	214.92
218.92	33.156	33.156	33.156	31.35	31.987	32.098	31.987	31.69	31.29	218.92
220.00	33.156	33.156	33.156	31.35	31.992	32.104	31.992	31.69	31.29	220.00
225.42	33.156	33.156	33.156	31.38	32.019	32.131	32.019	31.69	31.29	225.42
230.00	33.156	33.156	33.156	31.32	32.042	32.154	32.042	31.69	31.29	230.00
232.92	33.156	33.156	33.156	31.32	32.057	32.168	32.057	31.69	31.29	232.92
235.92	33.156	33.156	33.156	31.38	32.072	32.183	32.072	31.69	31.29	235.92
240.00	33.156	33.156	33.156	31.38	32.092	32.204	32.092	31.69	31.29	240.00
248.62	33.156	33.156	33.156	31.48	32.134	32.246	32.134	31.69	31.29	248.62
250.00	33.156	33.156	33.156	31.48	32.142	32.254	32.142	31.69	31.29	250.00
257.62	33.156	33.156	33.156	31.80	32.180	32.292	32.180	31.69	31.29	257.62
260.00	33.156	33.156	33.156	31.56	32.295	32.407	32.295	31.69	31.29	260.00
260.57	33.156	33.156	33.156	31.57	32.293	32.405	32.293	31.69	31.29	260.57
267.62	33.156	33.156	33.156	31.54	32.203	32.315	32.203	31.69	31.29	267.62
270.00	33.156	33.156	33.156	31.54	32.022	32.134	32.022	31.69	31.29	270.00
275.49	33.156	33.156	33.156	31.51	31.898	32.000	31.898	31.69	31.29	275.49
276.58	33.156	33.156	33.156	31.51	31.843	31.945	31.843	31.69	31.29	276.58
277.62	33.156	33.156	33.156	31.51	31.809	31.911	31.809	31.69	31.29	277.62
279.34	33.156	33.156	33.156	31.30	31.617	31.699	31.617	31.69	31.29	279.34
280.00	33.156	33.156	33.156	31.30	31.582	31.664	31.582	31.69	31.29	280.00
288.34	33.156	33.156	33.156	30.75	31.146	31.228	31.146	30.75	30.61	288.34
289.04	33.156	33.156	33.156	30.75	31.109	31.191	31.109	30.75	30.61	289.04
290.00	33.156	33.156	33.156	30.88	31.060	31.141	31.060	30.88	30.74	290.00
300.00	33.156	33.156	33.156	30.59	30.600	30.682	30.600	30.59	30.45	300.00
300.84	33.156	33.156	33.156	30.57	30.567	30.648	30.567	30.59	30.45	300.84
304.04	33.156	33.156	33.156	30.46	30.446	30.527	30.446	30.46	30.32	304.04
310.00	33.156	33.156	33.156	30.25	30.249	30.330	30.249	30.25	30.11	310.00
313.34	33.156	33.156	33.156	30.15	30.155	30.237	30.155	30.15	30.01	313.34
319.04	33.156	33.156	33.156	30.02	30.023	30.105	30.023	30.02	29.88	319.04
320.00	33.156	33.156	33.156	30.09	30.084	30.166	30.084	30.09	29.94	320.00
323.45	33.156	33.156	33.156	29.93	29.935	30.016	29.935	29.93	29.79	323.45
327.44	33.156	33.156	33.156	29.85	29.855	29.940	29.855	29.85	29.71	327.44
330.00	33.156	33.156	33.156	29.97	29.805	29.894	29.805	29.97	29.83	330.00
336.49	33.156	33.156	33.156	29.91	29.694	29.792	29.694	29.91	29.77	336.49
340.00	33.156	33.156	33.156	29.91	29.642	29.745	29.642	29.91	29.77	340.00
340.45	33.156	33.156	33.156	29.636	29.740	29.636	29.740	29.636	29.49	340.45
342.44	33.156	33.156	33.156	29.610	29.715	29.610	29.715	29.610	29.45	342.44
350.00	33.156	33.156	33.156	29.88	29.530	29.640	29.530	29.88	29.74	350.00
351.62	33.156	33.156	33.156	29.88	29.530	29.640	29.530	29.88	29.74	351.62
354.67	33.156	33.156	33.156	29.550	29.530	29.640	29.530	29.550	29.41	354.67
357.44	33.156	33.156	33.156	29.479	29.479	29.590	29.479	29.479	29.33	357.44
360.00	33.156	33.156	33.156	29.76	29.466	29.578	29.466	29.76	29.62	360.00
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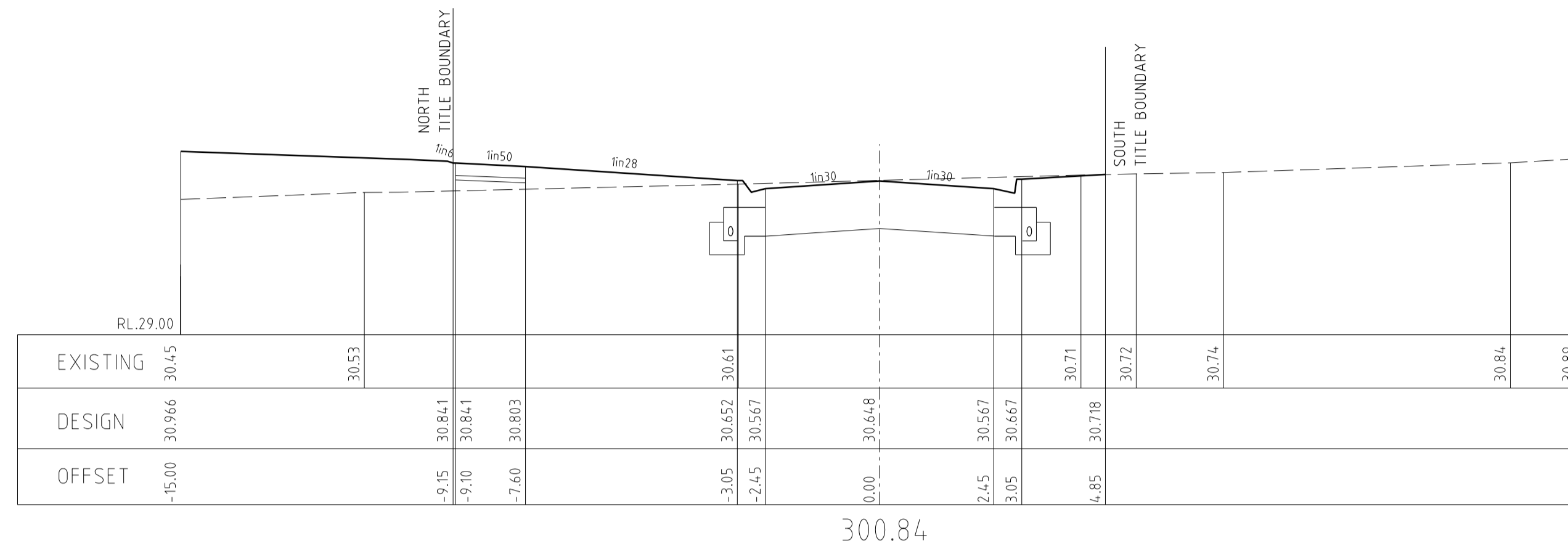
SCENERY DRIVE LONGITUDINAL SECTION

SCALE Hor. 1:500  
Vert 1:50

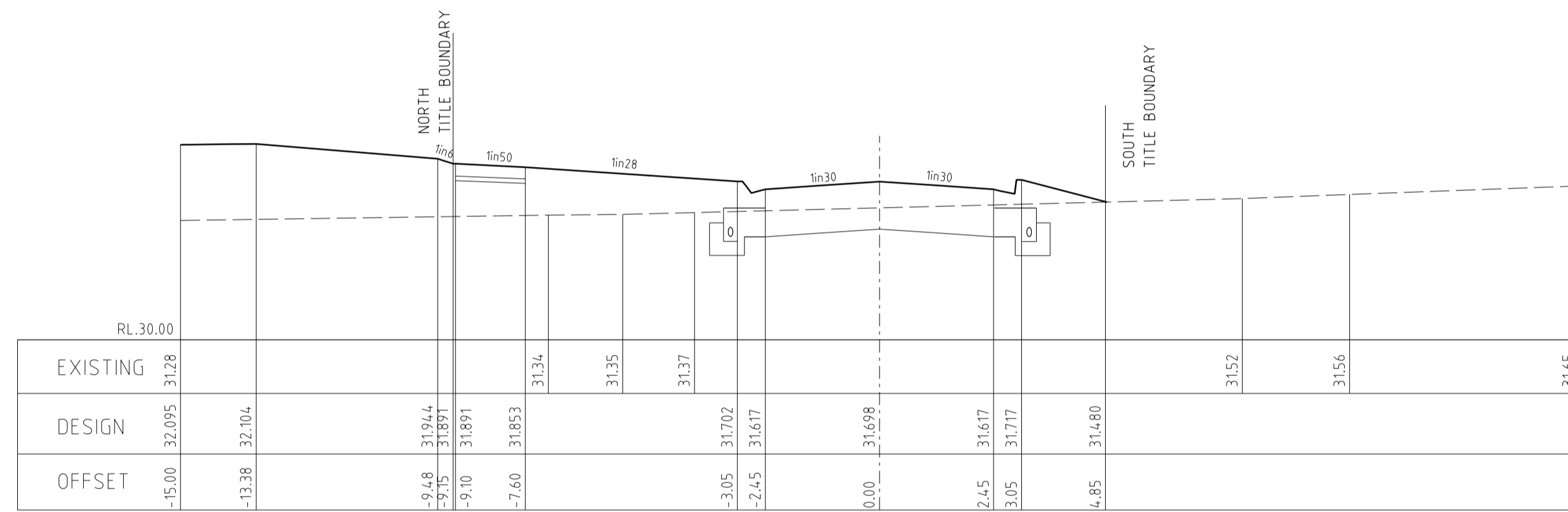
		<b>breese pitt dixon pty. ltd.</b> land surveyors      civil engineers		1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
AMENDMENTS C 24.10.2018 ROAD NAMES AMENDED B 19.7.2018 GENERAL AMENDMENTS DUE TO WATER DESIGN A 3.7.2018 ISSUED FOR CONSTRUCTION		MELWAY REF. 131-C-12 SURVEY B.P.D. DESIGN RK DRAWN RK		MERIDIAN ESTATE STAGE 14 MUNICIPALITY CASEY REFERENCE 8129 E/14			
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE APR. 18	SHEET 11 OF 18

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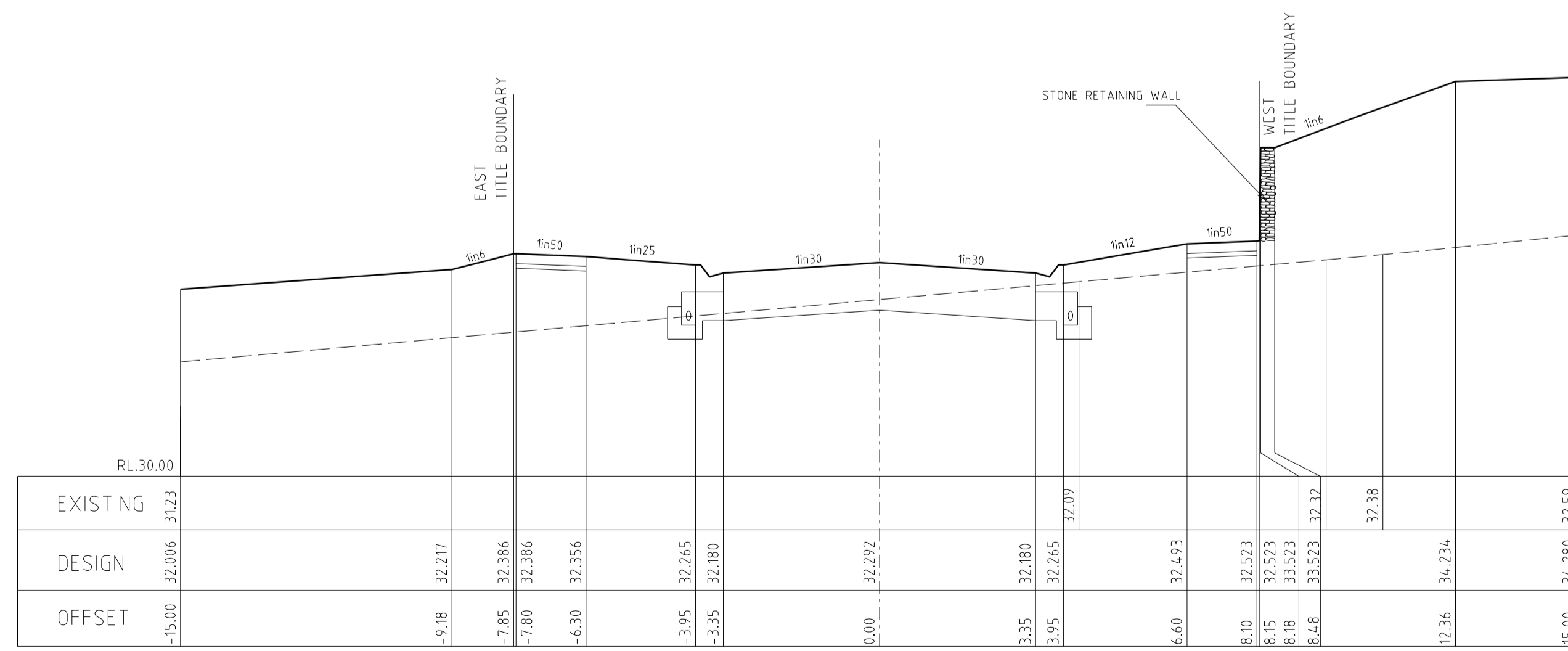




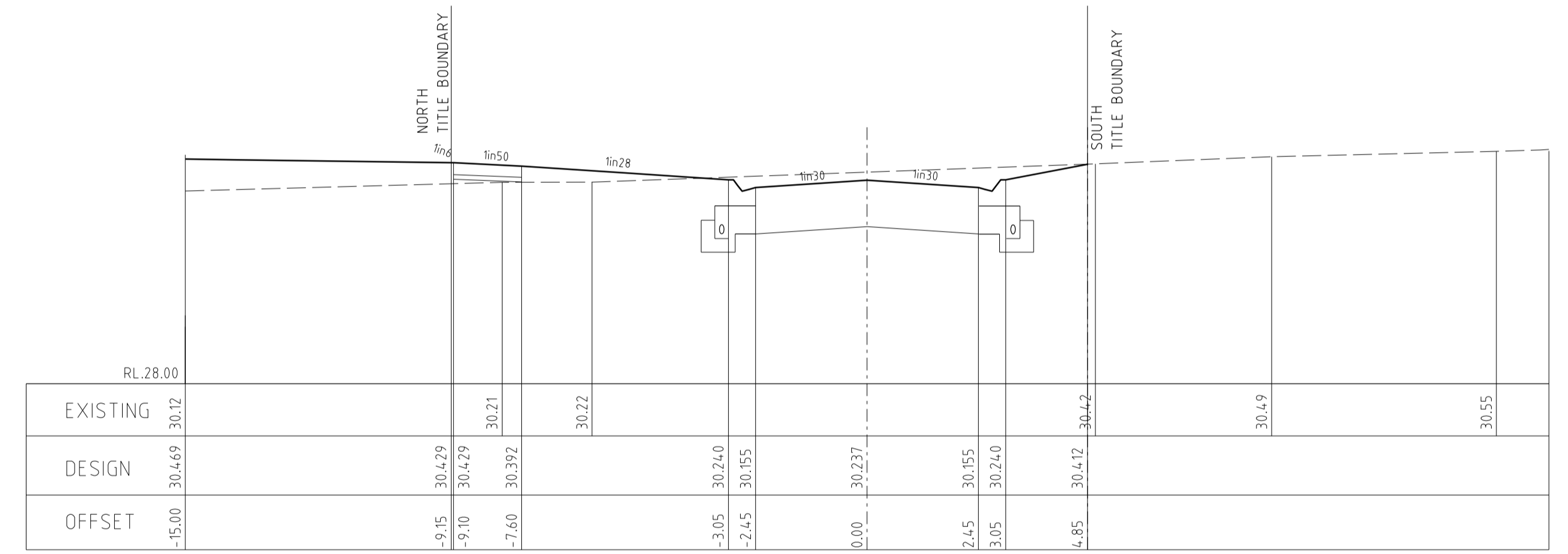
300.84



279.34



257.62

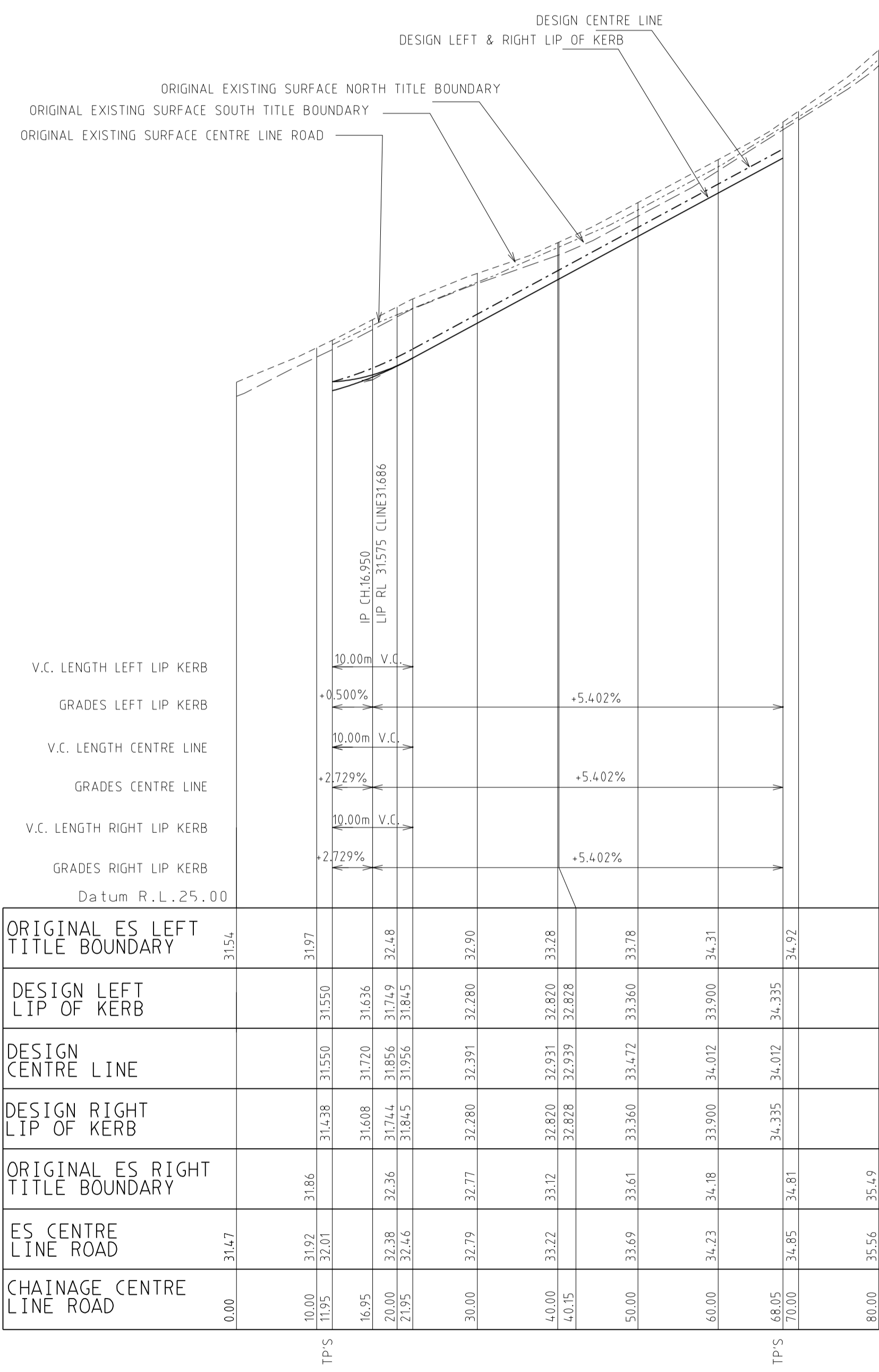


313.34

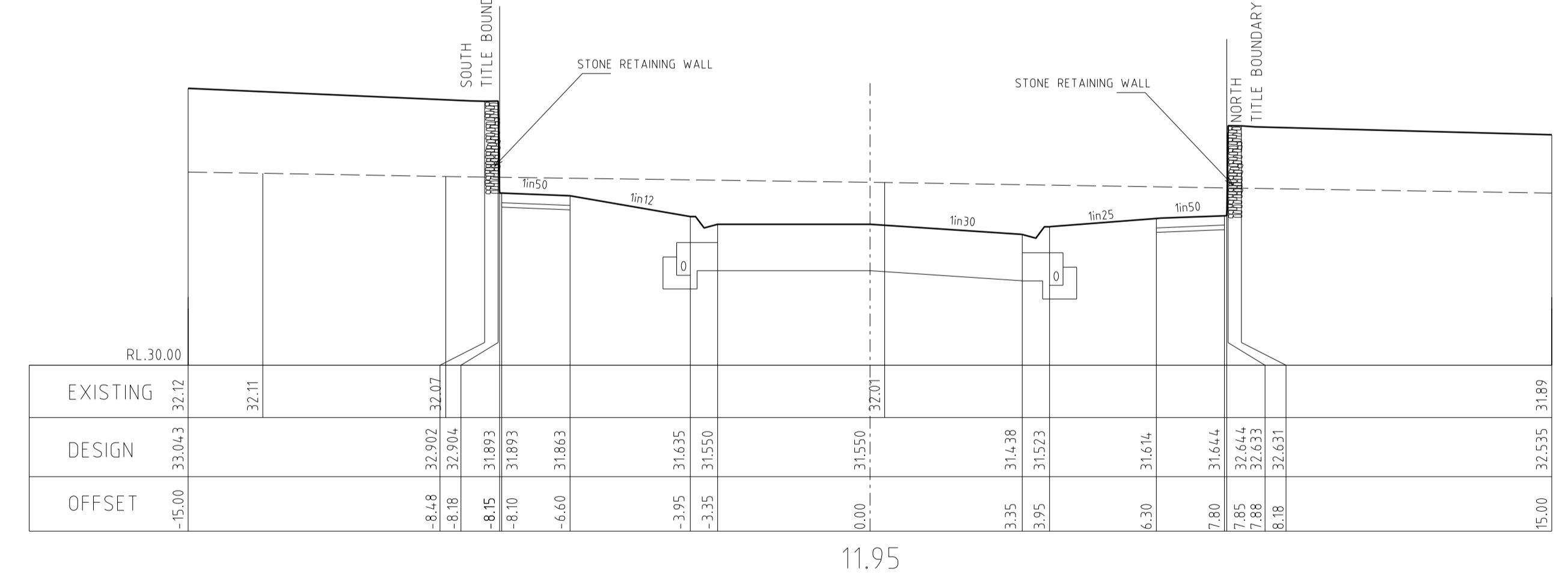
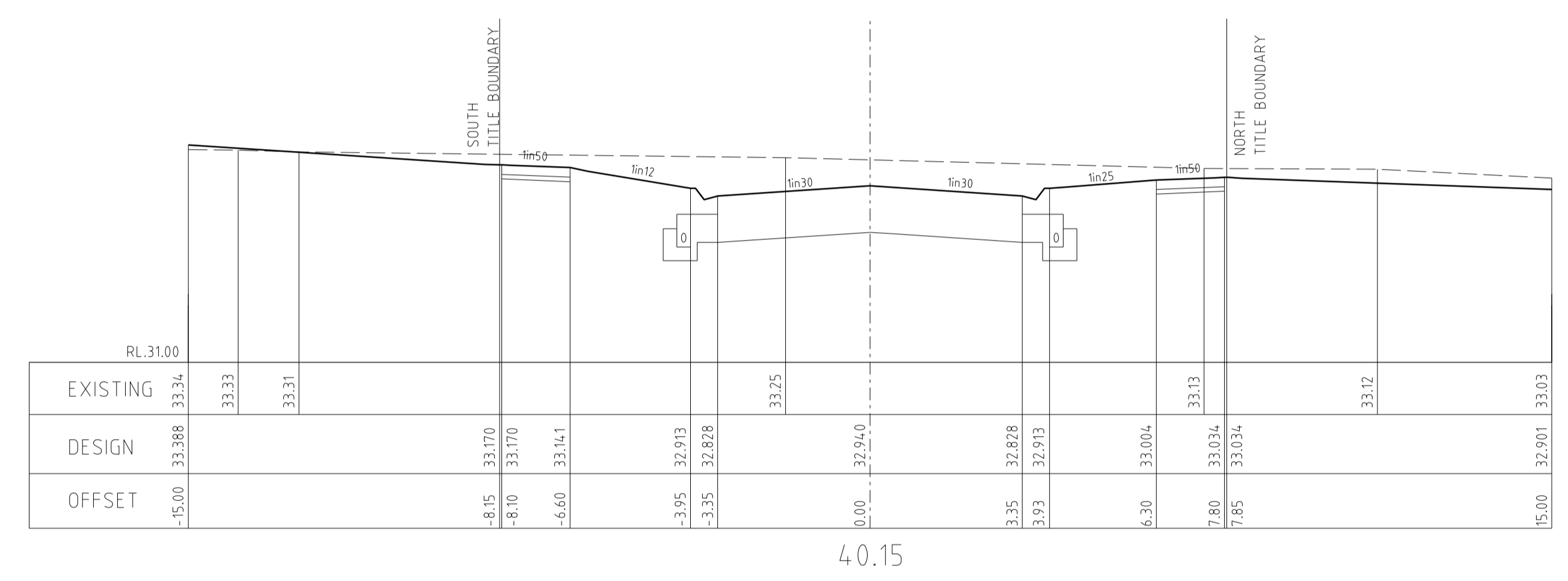
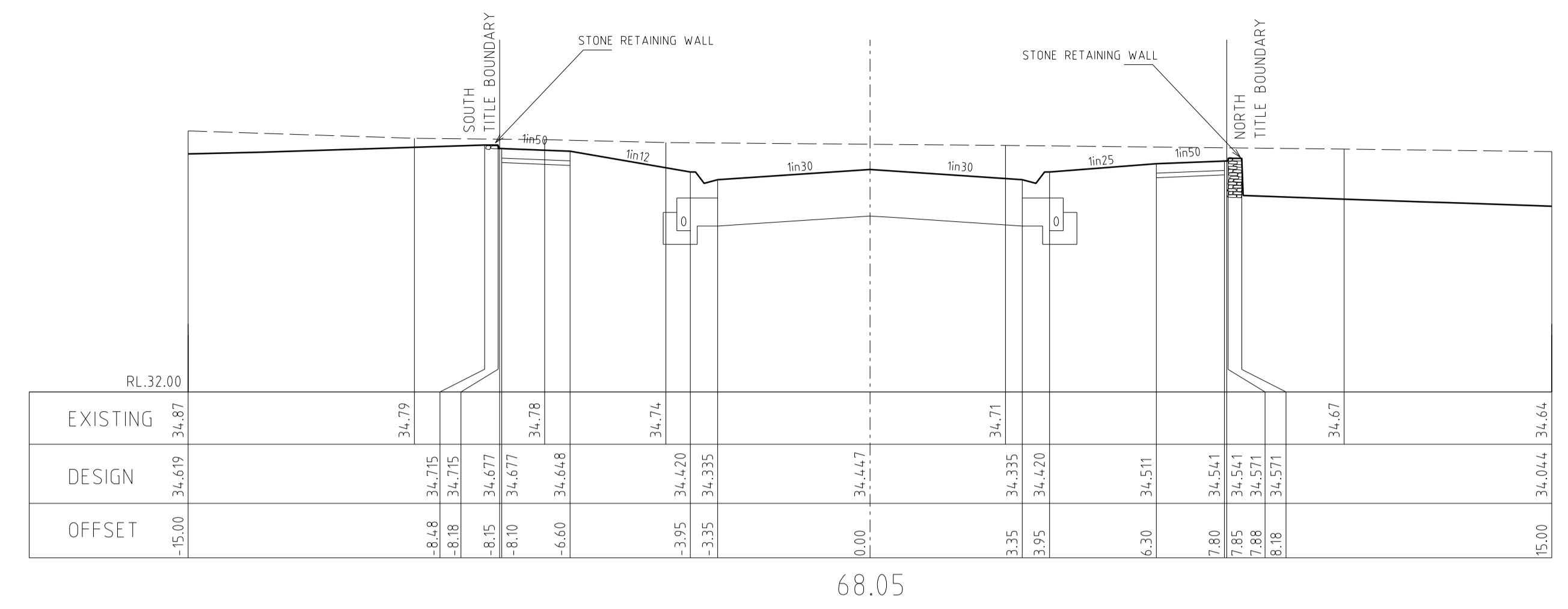
SCENERY DRIVE CROSS SECTIONS

SCALE Hor. 1:100  
Vert 1:50

AMENDMENTS		MELWAY REF. 131-C-12		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310						
C	24.10.2018	ROAD NAMES AMENDED	SURVEY	B.P.D.	MERIDIAN ESTATE STAGE 14		MUNICIPALITY CASEY					
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN	DESIGN	RK			REFERENCE 8129 E/14					
A	3.7.2018	ISSUED FOR CONSTRUCTION	DRAWN	RK								
VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN	DATUM	AHD	DATE	APR. 18	SHEET	13 OF 18	C



VICKERY WAY LONGITUDINAL SECTION  
SCALE Hor. 1:500  
Vert 1:50

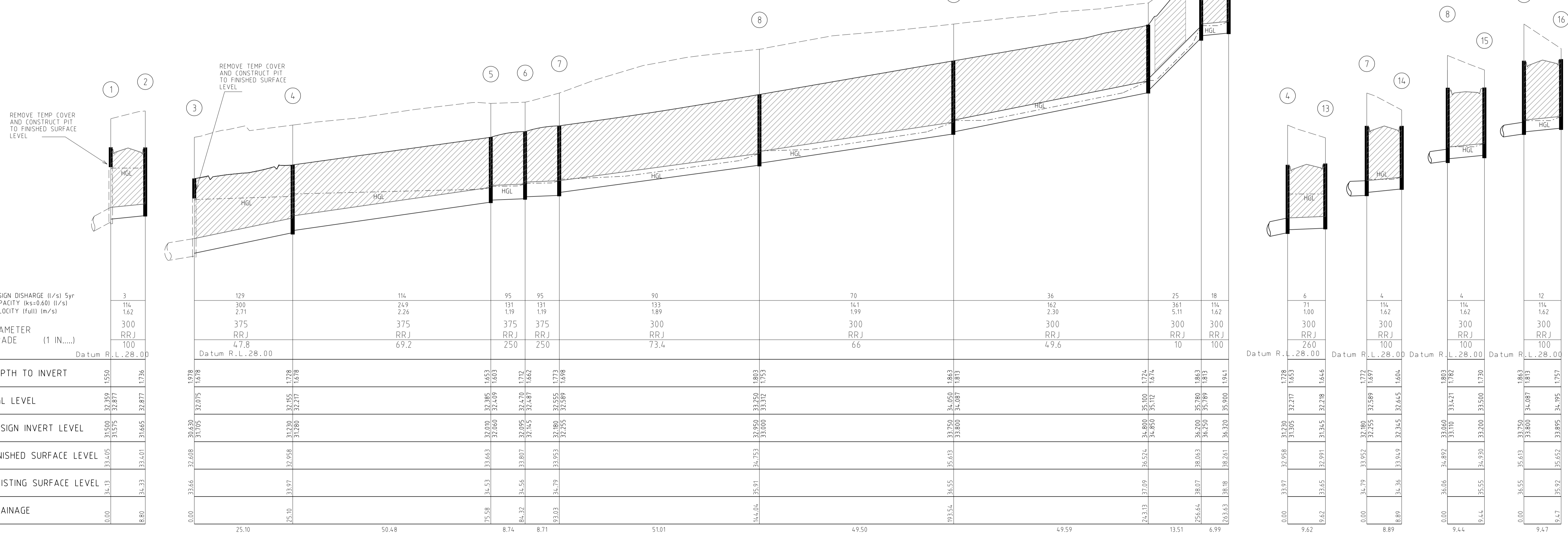
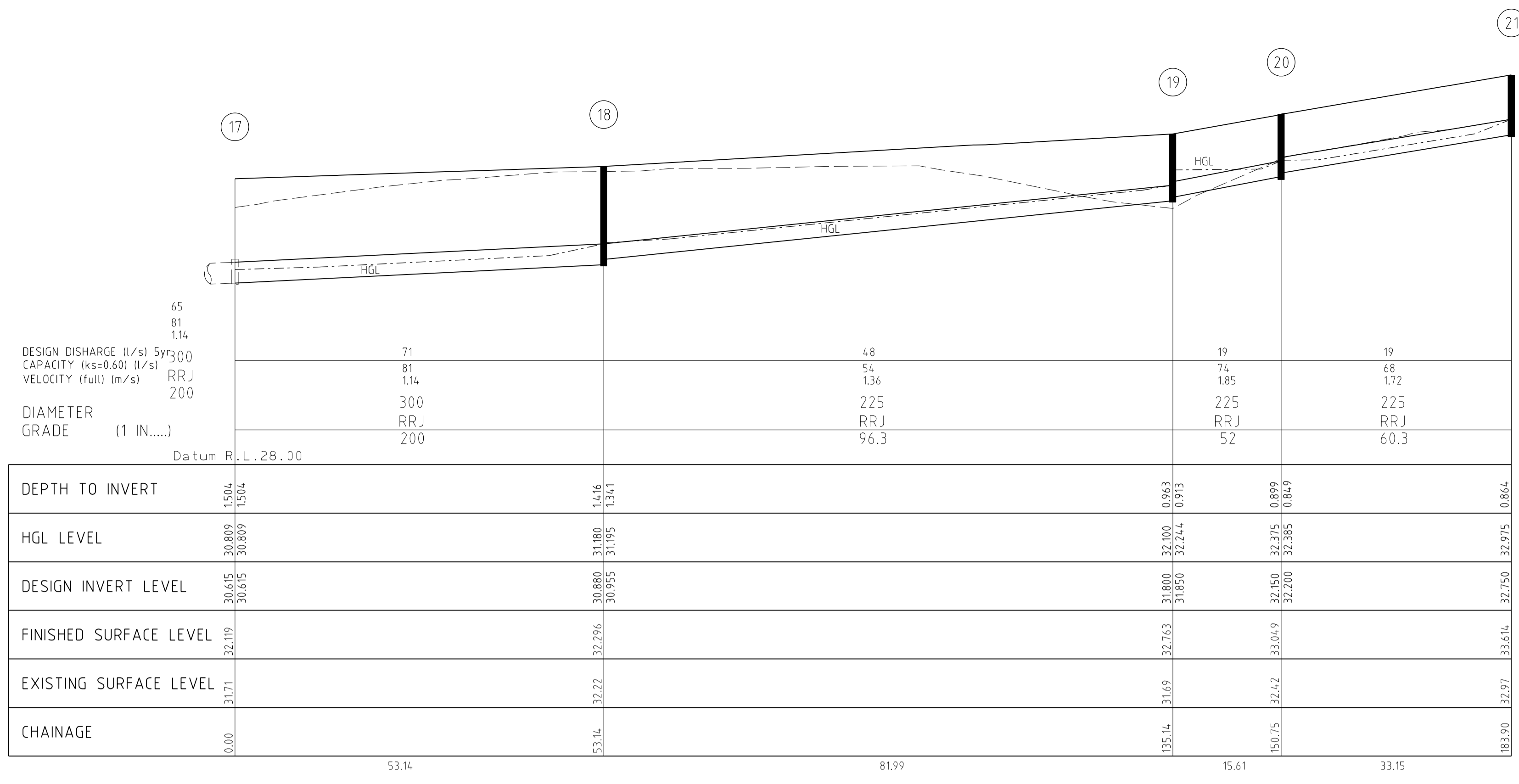


VICKERY WAY CROSS SECTIONS  
SCALE Hor. 1:100  
Vert 1:50

		<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>MELWAY REF.</b> 131-C-12		<b>SURVEY</b> B.P.D.		<b>MUNICIPALITY</b> CASEY	
<b>DESIGN</b> RK		<b>DRAWN</b> RK		<b>REFERENCE</b> 8129 E/14	
<b>CHECKED</b>		<b>SCALE</b> AS SHOWN		<b>DATUM</b> AHD	
<b>DATE</b>		<b>DATE</b> APR. 18		<b>SHEET</b> 14 OF 18	

AMENDMENTS	DATE	REMARKS
C	24.10.2018	ROAD NAMES AMENDED
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN
A	3.7.2018	ISSUED FOR CONSTRUCTION

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STORMWATER DRAINAGE LONGITUDINAL SECTIONS

SCALE Hor. 1:500  
Vert 1:50

▨ DENOTES CRUSHED ROCK BACKFILL

AMENDMENTS			
C	24.10.2018	ROAD NAMES AMENDED	MELWAY REF. 131-C-12
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN	SURVEY B. P. D.
A	3.7.2018	ISSUED FOR CONSTRUCTION	DESIGN RK
VER	DATE	REMARKS	DRAWN RK
			CHECKED

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

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

**MERIDIAN ESTATE  
STAGE 14**

MUNICIPALITY CASEY  
REFERENCE 8129 E/14

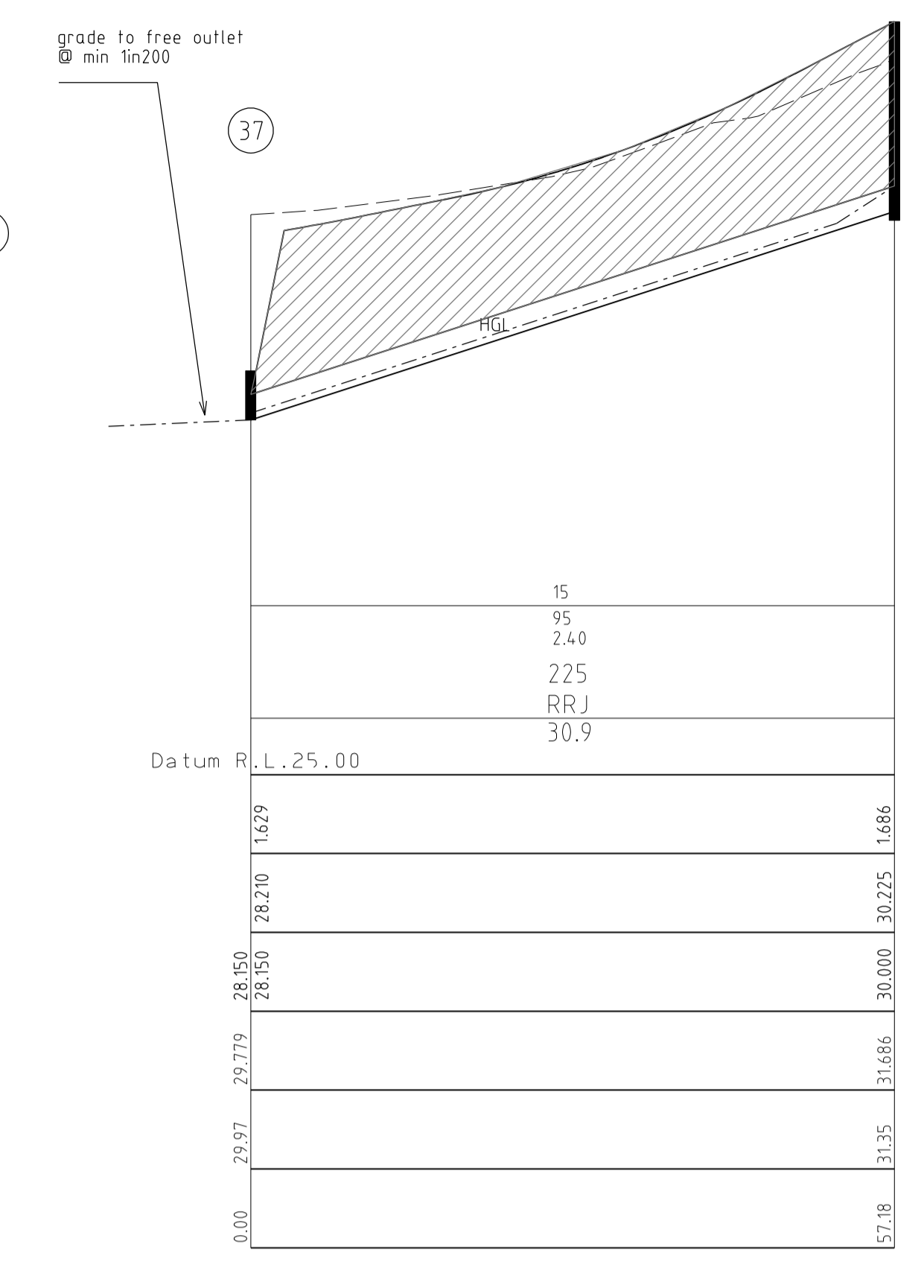
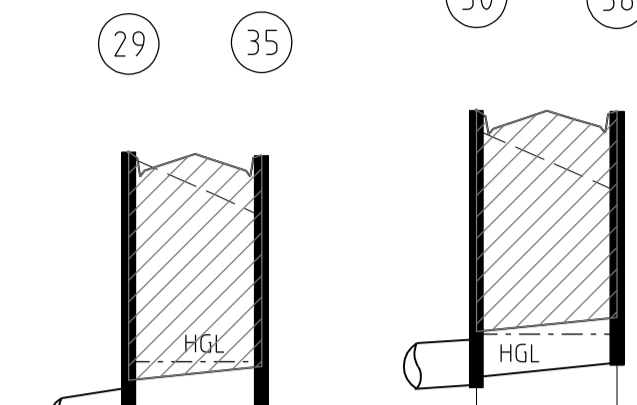
SCALE AS SHOWN DATUM AHD DATE APR. 18 SHEET 15 OF 18 C

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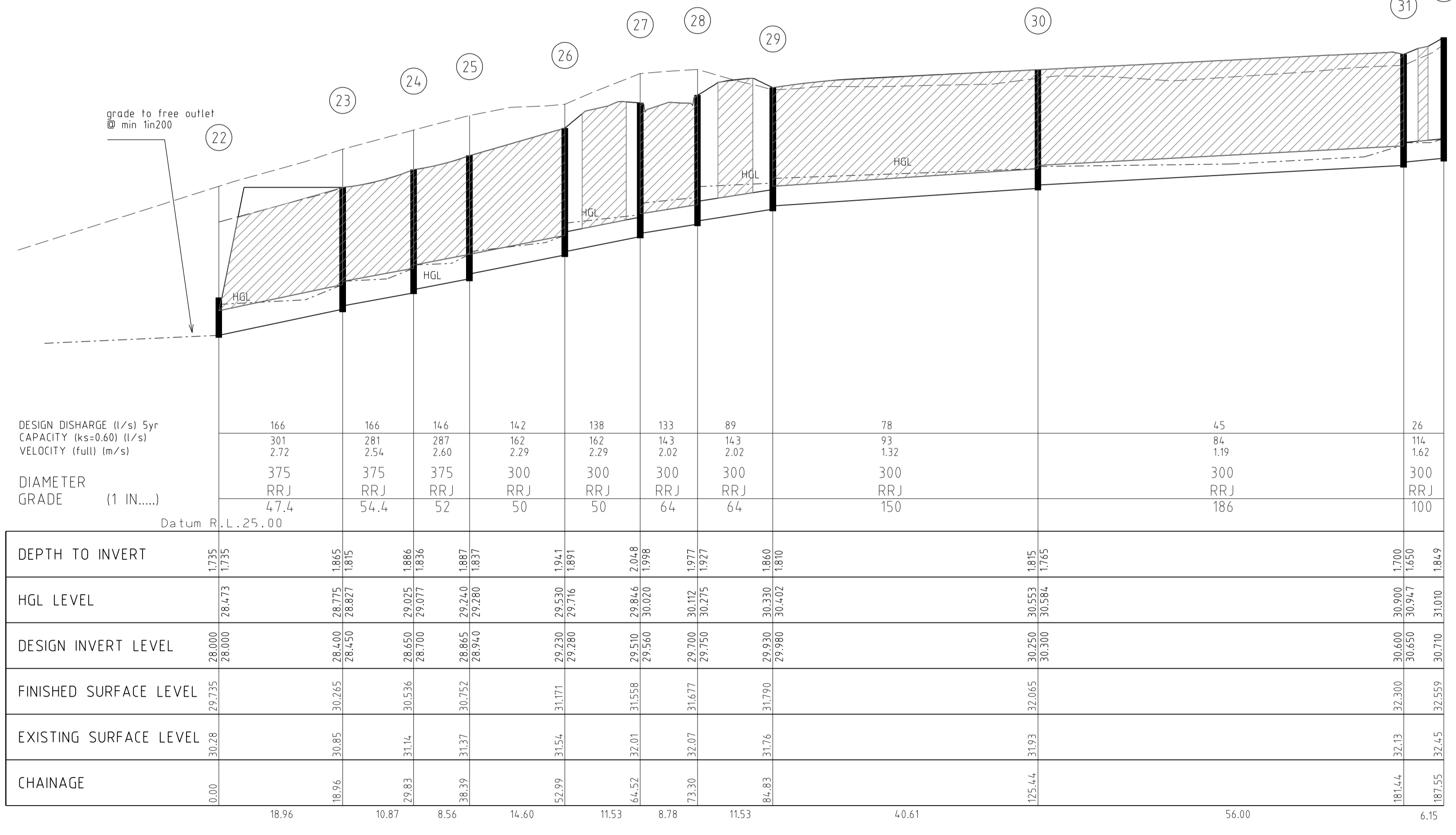
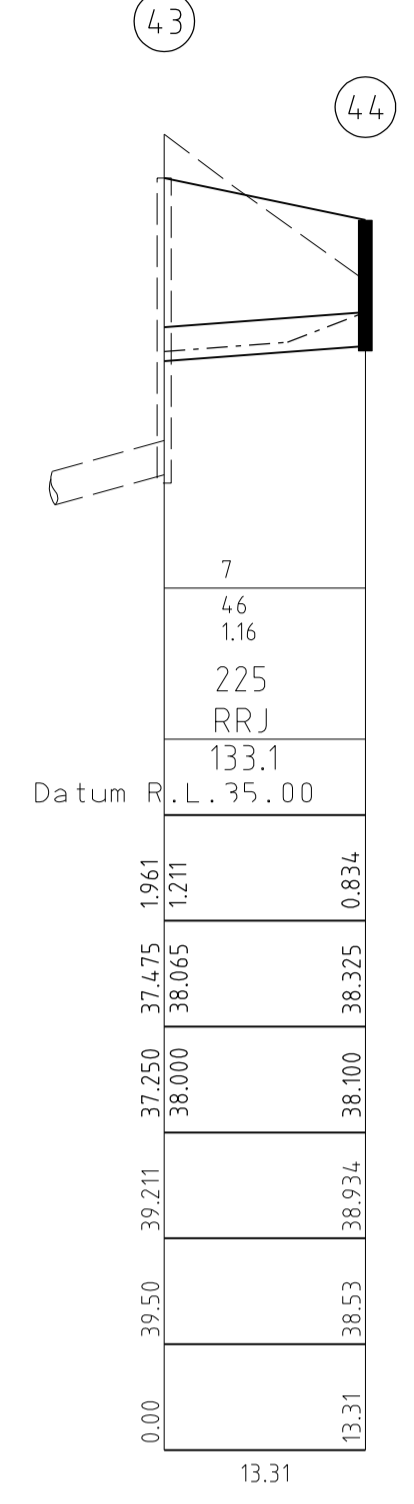
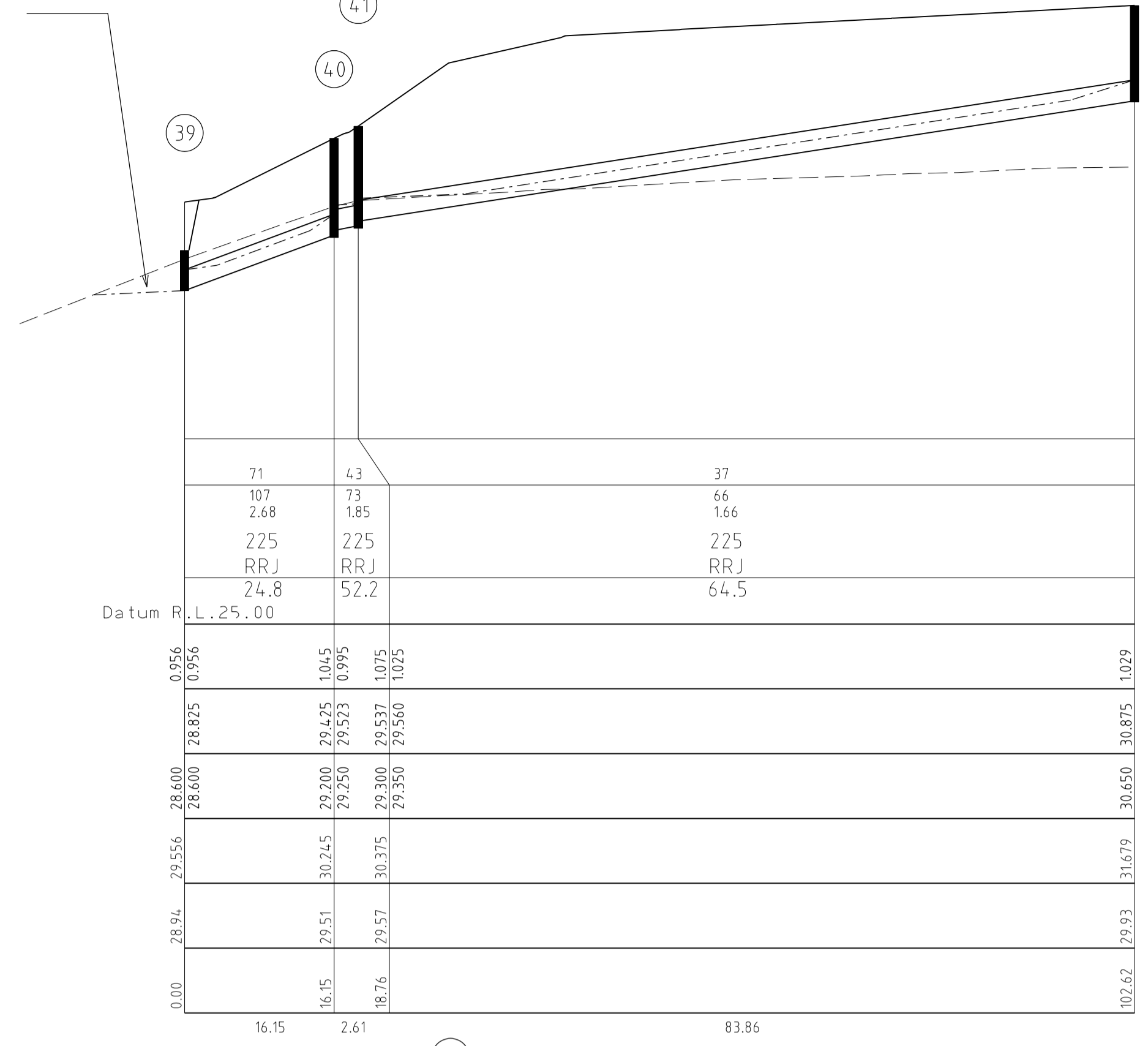
DESIGN DISCHARGE (l/s) 5yr  
CAPACITY (ks=0.60) (l/s)  
VELOCITY (full) (m/s)

DIAMETER  
GRADE (1 IN.....)

	4	5
DEPTH TO INVERT	1.858 1.808	1.815 1.765
HGL LEVEL	30.402 30.402	30.584 30.695
DESIGN INVERT LEVEL	29.930 29.980	30.200 30.995
FINISHED SURFACE LEVEL	31.788 31.767	32.065 32.059
EXISTING SURFACE LEVEL	31.76 31.36	31.93 31.53
CHAINAGE	0.00 8.80	0.00 9.30



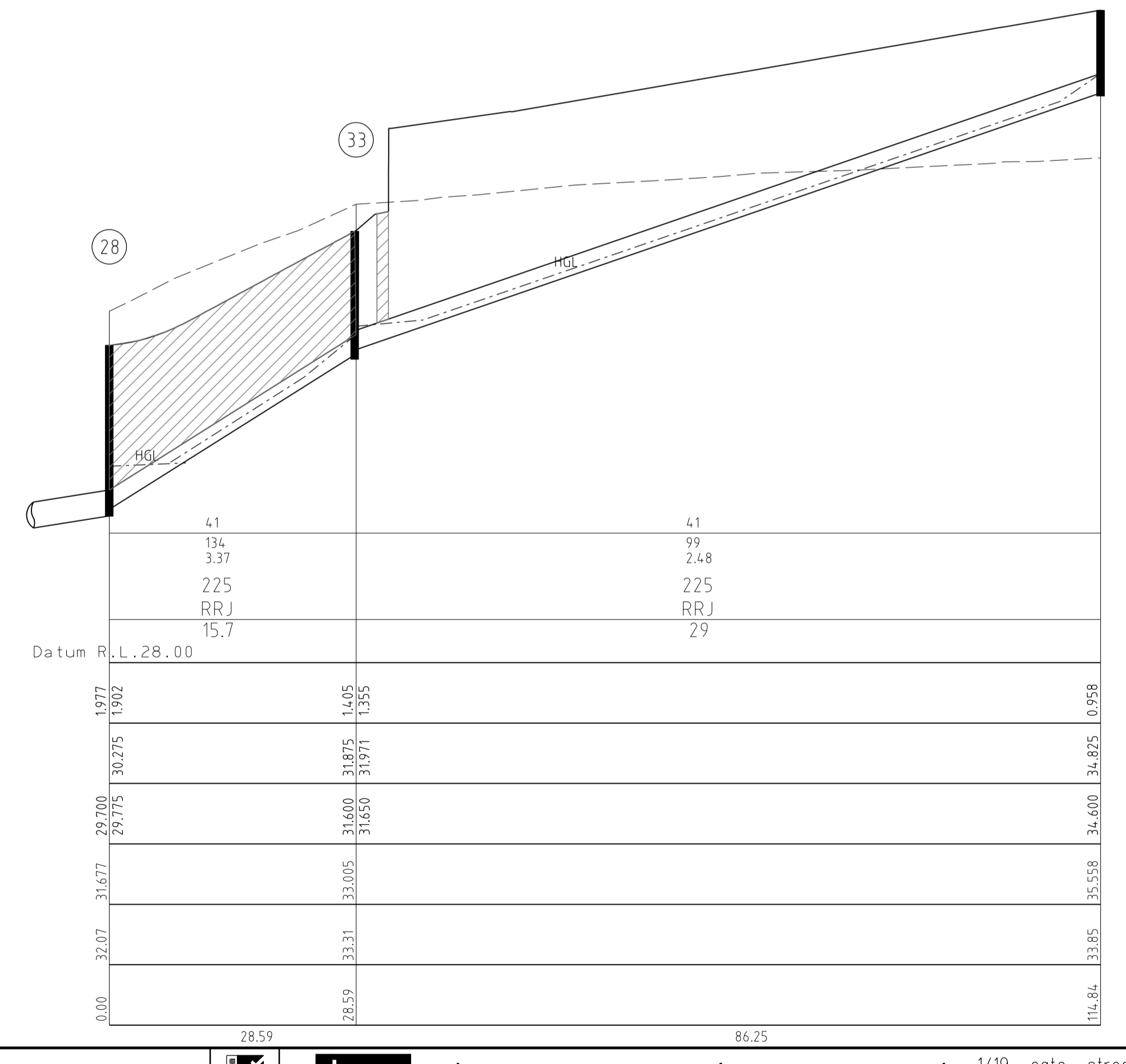
grade to free outlet  
min 1in200



DESIGN DISCHARGE (l/s) 5yr  
CAPACITY (ks=0.60) (l/s)  
VELOCITY (full) (m/s)

DIAMETER  
GRADE (1 IN.....)

	166	166	146	142	138	133	89	78	45	26
DEPTH TO INVERT	1.735 1.735	1.865 1.815	1.886 1.936	1.941 1.891	2.048 1.998	1.977 1.927	1.860 1.810	1.815 1.765	1.700 1.650	1.700 1.649
HGL LEVEL	28.473 28.473	28.775 28.827	29.075 29.077	29.530 29.716	29.846 30.020	30.112 30.275	30.330 30.402	30.553 30.584	30.900 30.947	31.010 31.010
DESIGN INVERT LEVEL	28.000 28.000	28.450 28.827	28.650 28.700	29.230 29.280	29.510 29.560	29.700 29.750	29.930 29.980	30.250 30.300	30.600 30.650	30.710 30.710
FINISHED SURFACE LEVEL	29.735 29.735	30.665 30.665	30.536 30.536	31.171 31.171	31.558 31.558	31.677 31.677	31.790 31.790	32.065 32.065	32.300 32.300	32.559 32.559
EXISTING SURFACE LEVEL	30.28 30.28	30.85 30.85	31.14 31.14	31.54 31.54	32.01 32.01	32.07 32.07	31.76 31.76	31.93 31.93	32.13 32.13	32.45 32.45
CHAINAGE	0.00 18.96	18.96 10.87	10.87 8.56	8.56 14.60	14.60 11.53	11.53 8.78	8.78 11.53	11.53 40.61	40.61 56.00	56.00 61.5



STORMWATER DRAINAGE LONGITUDINAL SECTIONS

SCALE Hor. 1:500  
Vert 1:50

DIAGONAL HATCHING DENOTES CRUSHED ROCK BACKFILL



		<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	
MELWAY REF. 131-C-12		SURVEY B.P.D.		MUNICIPALITY CASEY	
ROAD NAMES AMENDED		DESIGN RK		REFERENCE 8129 E/14	
GENERAL AMENDMENTS DUE TO WATER DESIGN		DRAWN RK		SHEET 16 OF 18	
ISSUED FOR CONSTRUCTION		CHECKED		SCALE AS SHOWN DATUM AHD DATE APR. 18	
VER.	DATE	REMARKS	CHECKED	SCALE	AS SHOWN
C	24.10.2018	ROAD NAMES AMENDED			
B	9.7.2018	GENERAL AMENDMENTS DUE TO WATER DESIGN			
A	3.7.2018	ISSUED FOR CONSTRUCTION			

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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	G.S.E.P.	900x600	Ex375 300	31.550 31.575	Ex375	31.500	33.405	1.550	REMOVE TEMPORARY COVER. CONSTRUCT PIT TO FINISHED SURFACE EDM 603/605. CONNECT 300 DIA DRAIN AND MAKE GOOD
2	G.S.E.P.	900x600	-	-	300	31.665	33.401	1.736	EDCM 603/605
3	G.S.E.P.	900x600	Ex375 375	30.880 31.705	Ex450	30.630	32.608	1.978	REMOVE TEMPORARY COVER. CONSTRUCT PIT TO FINISHED SURFACE EDM 603/605. CONNECT 375 DIA DRAIN AND MAKE GOOD
4	G.S.E.P.	900x600	375 300	31.280 31.305	375	31.230	32.958	1.728	EDCM 603/605
5	J.P.	900x600	375	32.060	375	32.010	33.663	1.653	EDCM 605
6	J.P.	900x600	375	32.145	375	32.095	33.807	1.712	EDCM 605
7	G.S.E.P.	900x600	300 300	32.255 32.255	375	32.180	33.953	1.773	EDCM 603/605
8	G.S.E.P.	900x600	300 300	33.120 33.110	300	33.060	34.892	1.832	EDCM 603/605
9	G.S.E.P.	900x600	300 300	33.800 33.800	300	33.750	35.613	1.863	EDCM 603/605
10	J.P.	900x600	300	34.850	300	34.800	36.524	1.724	EDCM 605
11	G.S.E.P.	900x600	300	36.250	300	36.200	38.063	1.863	EDCM 603/605
12	G.S.E.P.	900x600	-	-	300	35.600	38.261	1.941	EDCM 601/605
13	G.S.E.P.	900x600	-	-	300	31.345	32.991	1.646	EDCM 603/605
14	G.S.E.P.	900x600	-	-	300	32.345	33.949	1.606	EDCM 603/605
15	G.S.E.P.	900x600	-	-	300	33.200	34.930	1.730	EDCM 603/605
16	G.S.E.P.	900x600	-	-	300	33.895	35.652	1.757	EDCM 603/605
17	Ex End Pipe	-x-	300	30.615	Ex300	30.615	32.119	1.504	REMOVE TEMP SEAL AND CONNECT NEW PIPE
18	J.P.	900x600	225	30.955	300	30.880	32.296	1.416	EDCM 605
19	J.P.	900x600	225	31.850	225	31.800	32.763	0.963	EDCM 605
20	J.P.	900x600	225	32.200	225	32.150	33.049	0.899	EDCM 605
21	J.P.	900x600	-	-	225	32.750	33.614	0.864	EDCM 605
22	Temp E.W.	-x-	375	28.000	-	28.000	28.575	0.575	TEMPORARY SANDBAG ENDWALL
23	J.P.	900x600	375	28.400	375	28.400	30.265	1.865	EDCM 605
24	J.P.	900x600	375	28.700	375	28.650	30.536	1.886	EDCM 605
25	J.P.	900x600	300	28.940	375	28.865	30.752	1.887	EDCM 605
26	J.P.	900x600	300	29.280	300	29.230	31.171	1.941	EDCM 605
27	G.S.E.P.	900x600	300	29.560	300	29.510	31.558	2.048	EDCM 603/605
28	G.S.E.P.	900x600	300 225	29.750 29.775	300	29.700	31.677	1.977	EDCM 603/605
29	G.S.E.P.	900x600	300 300	29.980 29.980	300	29.930	31.790	1.860	EDCM 603/605
30	G.S.E.P.	900x600	300 300	30.300 30.300	300	30.250	32.065	1.815	EDCM 603/605
31	J.P.	900x600	300	30.650	300	30.600	32.300	1.700	EDCM 605
32	J.P.	900x600	-	-	300	30.710	32.559	1.849	EDCM 605. FIT CLASS 'D' GATIC GRATE OR SIMILAR
33	J.P.	900x600	225	31.650	225	31.600	33.005	1.405	EDCM 605
34	J.P.	900x600	-	-	225	34.600	35.558	0.958	EDCM 605
35	G.S.E.P.	900x600	-	-	300	30.070	31.767	1.697	EDCM 603/605
36	G.S.E.P.	900x600	-	-	300	30.395	32.059	1.664	EDCM 603/605
37	Temp E.W.	-x-	225	28.150	-	28.150	28.575	0.425	TEMPORARY SANDBAG ENDWALL
38	J.P.	900x600	-	-	225	30.000	31.686	1.686	EDCM 605
39	Temp E.W.	-x-	225	28.600	-	28.600	29.025	0.425	TEMPORARY SANDBAG ENDWALL
40	J.P.	900x600	225	29.250	225	29.200	30.245	1.045	EDCM 605
41	J.P.	900x600	225	29.350	225	29.300	30.375	1.075	EDCM 605
42	J.P.	900x600	-	-	225	30.650	31.679	1.029	EDCM 605
43	EXJ.P.	900x600	Ex225 225	37.300 37.800	Ex225	37.250	39.211	1.961	EDCM 605
44	J.P.	900x600	-	-	225	38.100	38.934	0.834	EDCM 605

				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		MUNICIPALITY CASEY	
AMENDMENTS		C 24.10.2018 ROAD NAMES AMENDED		SURVEY B.P.D.		REFERENCE 8129 E/14	
		B 19.7.2018 GENERAL AMENDMENTS DUE TO WATER DESIGN		DESIGN RK			
		A 3.7.2018 ISSUED FOR CONSTRUCTION		DRAWN RK			
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE APR. 18	SHEET 17 OF 18

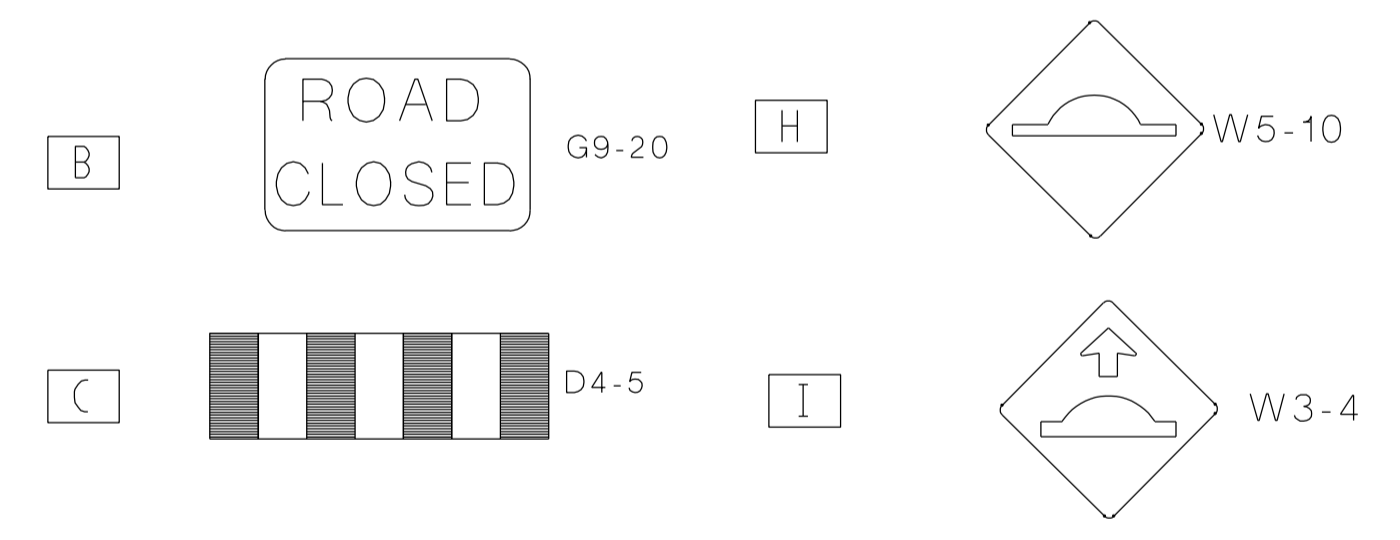


**SIGNAGE AND LINE MARKING PLAN**



**NOTES**

1. ALL SIGNS AND TRAFFIC CONTROL MEASURES, SHALL BE IN ACCORDANCE WITH AS1742.2. 1, 2 & 3
2. LINE MARKING TO AS1742.2, SHALL BE SET OUT, INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
3. ANY OBSOLETE LINEMARKING SHALL BE REMOVED BY AN APPROVED GRINDING OR STRIPPING METHOD, PRIOR TO NEW LINEMARKING BEING PLACED.
4. LINE MARKING SHALL BE IN ACCORDANCE WITH VIC ROADS REQUIREMENT WITH LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VIC ROADS SPECIFICATION SEE SECTION 710 & 722)
5. THE CONTRACTOR SHALL PREPARE A TEMPORARY SIGNAGE & LINEMARKING PLAN FOR CONSTRUCTION PURPOSES. THIS PLAN IS TO BE DISCUSSED AT A SITE MEETING WITH VIC ROADS SURVEILLANCE OFFICER WHO SHALL BE CONTACTED 7 DAYS IN ADVANCE OF COMMENCEMENT OF WORKS.
6. SIGNING AND TRAFFIC MANAGEMENT MUST BE CARRIED OUT BY THE CONTRACTOR IN ACCORDANCE WITH 'VIC ROADS WORKSITE TRAFFIC MANAGEMENT MANUAL' WHICH INCORPORATES AS 1742.3 - 1996.
7. NO SITING SHALL COMMENCE UNTIL ALL TEMPORARY SIGNS ETC. ARE IN APPROVED LOCATIONS



**SIGN SCHEDULE**

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

<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 14</b>		MUNICIPALITY <b>CASEY</b>
REFERENCE <b>8129 E/14</b>		SHEET <b>18 OF 18</b>
AMENDMENTS C 24.10.2018 ROAD NAMES AMENDED B 19.7.2018 GENERAL AMENDMENTS DUE TO WATER DESIGN A 3.7.2018 ISSUED FOR CONSTRUCTION	MELWAY REF. 131-C-12 SURVEY B.P.D. DESIGN RK DRAWN RK	SCALE AS SHOWN    DATUM AHD    DATE APR. 18
VER DATE    REMARKS	CHECKED	SHEET 18 OF 18 C

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