

SHT. No.	VER	DESCRIPTION
1	A	LAYOUT PLAN AND DETAILS
2	A	NOTES AND TYPICAL CROSS SECTIONS
3	A	INTERSECTION DETAILS - SHEET 1
4	A	INTERSECTION DETAILS - SHEET 2
5	A	LONGITUDINAL & CROSS SECTIONS - SHEET 1 (MIDFORD AVENUE)
6	A	LONGITUDINAL & CROSS SECTIONS - SHEET 2 (MIDFORD AVENUE)
7	A	LONGITUDINAL & CROSS SECTIONS - SHEET 3 (AGATHA WAY)
8	A	LONGITUDINAL & CROSS SECTIONS - SHEET 4 (RYEBANK AVENUE)
9	A	LONGITUDINAL & CROSS SECTIONS - SHEET 5 (MAINLAND WAY / PORTER STREET, SPRINGHURST AVENUE)
10	A	LONGITUDINAL & CROSS SECTIONS - SHEET 6 (MAINLAND WAY / PORTER STREET)
11	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1
12	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2
13	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 3
14	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 4
15	A	SIGNAGE & LINEMARKING PLAN
16	A	LOT BENCHING PLAN

LOCALITY PLAN
1:20,000

SERVICES OFFSETS AND LOCATIONS

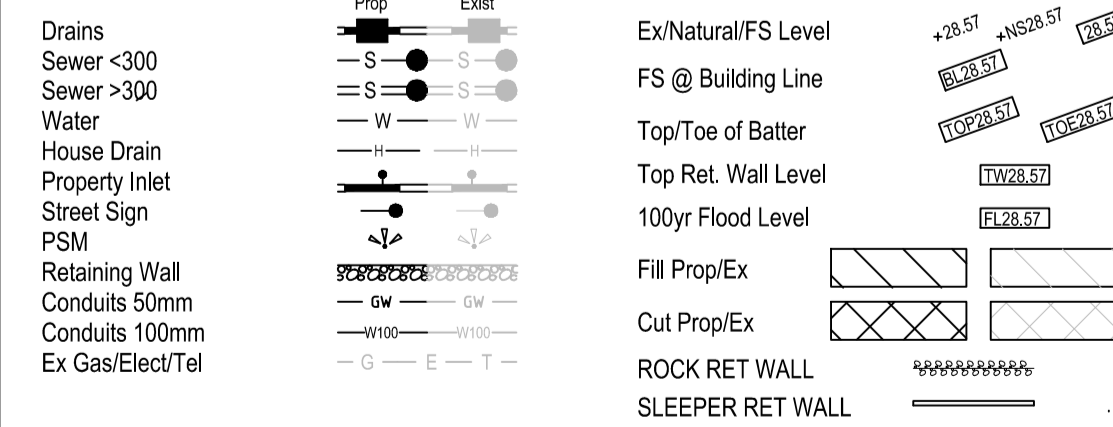
STREET NAME	Rd.RESERVE	WATER		GAS	ELECTRICITY		FIBRE TO THE HOME		Bk. of KERB	JOINT TRENCHING
		DW	NDW		CABLES	POLES	FTTH CABLES	FTTH PITS		
MIDFORD AVENUE (Adj. RESERVE)	25.50	3.30 W	2.70 W	2.25 W	2.60 E	1.00 BOK	1.85 E	1.85 W	4.35W/9.65E	W & G, F & E
MIDFORD AVENUE (East/West)	25.50	3.30 S	2.70 S	2.25 S	2.60 N	1.00 BOK	1.85 N	1.85 S	4.35S/9.65N	W & G, F & E
RYEBANK AVENUE	16.00	3.20 S	2.70 S	2.25 S	2.60 N	1.00 BOK	1.85 N	1.85 S	4.35S/4.05N	W & G, F & E
AGATHA WAY	16.00	3.20 S	2.70 S	2.25 S	2.60 N	1.00 BOK	1.85 N	1.85 S	4.35S/4.05N	W & G, F & E
MAINLAND WAY	16.00	3.20 N	2.70 N	2.25 N	2.60 S	1.00 BOK	1.85 S	1.85 N	4.35N/4.05S	W & G, F & E
PORTER STREET	16.00	3.20 W	2.70 W	2.25 W	2.60 E	1.00 BOK	1.85 E	1.85 W	4.35W/4.05E	W & G, F & E
ACCESS DRIVEWAY (Lots 1712-1714)	14.00	3.20 N	2.70 N	2.25 N	2.60 S	-	1.85 S	1.85 N	-	W & G, F & E
SPRINGHURST AVENUE	14.50	3.20 W	2.70 W	2.25 W	1.40 E	1.00 BOK	0.65 E	1.85 W	4.35W/2.55E	W & G, F & E

AS CONSTRUCTED

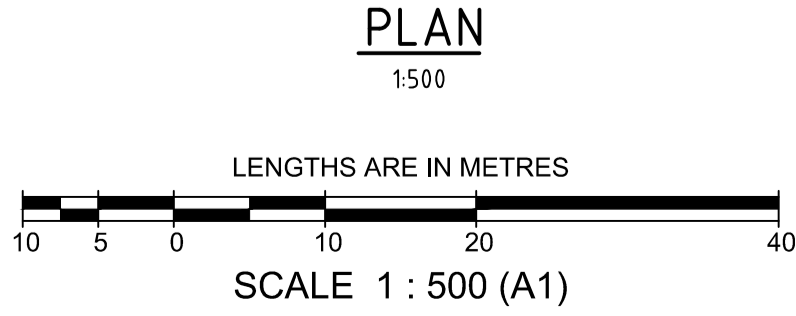
ATTENTION TO CONTRACTOR

- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.
- CONTRACTOR TO ENSURE THAT THE SITE IS PEGGED AND OR SET OUT CHECKED BY THE LICENCED SURVEYOR RESPONSIBLE FOR CERTIFYING THE PLAN OF SUBDIVISION PRIOR TO UNDERGROUND INFRASTRUCTURE BEING INSTALLED.
- 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.

SYMBOL LEGEND



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.



breese pitt dixon pty. ltd.
land surveyors civil engineers

1/19 cafo street
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CORNERSTONE ESTATE
STAGE 17
LAYOUT PLAN AND DETAILS

MUNICIPALITY: WYNDHAM
REFERENCE: 8890 E/17

MELWAY REF: 204-G-8
SURVEY: BPD
DESIGN: BPD
DRAWN: DG
CHECKED: C.HAGEN

SCALE: As Shown DATUM: AHD DATE: Nov'20 SHEET: 1 OF 16

T:\Projects\BPD\8890 Cornerstone\CAD\Drawings\Stage 17\8890_E17_R01_DET.dwg (R01)

NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WYNDHAM CITY COUNCIL PLANS AND SPECIFICATIONS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- COUNCIL AND ALL SERVICE AUTHORITIES TO BE NOTIFIED 7 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
- DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES.
- PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
- LOTS DENOTED THUS 3/1H ARE TO BE PROVIDED WITH A 100mm DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS SHOWN OTHERWISE. HOUSE DRAIN TO BE CONNECTED TO STORMWATER DRAINS IF PRESENT. COVER AT THE BUILDING LINE TO BE MINIMUM OF 600mm.
- ALL PIPES UNDER ROAD PAVEMENTS TO BE RRJ RCP (REFER DRAINAGE LONGITUDINAL SECTIONS FOR RELEVANT PIPE CLASS). ALL OTHER PIPES TO BE RRJ RCP CLASS 2.
- DRAINAGE PIPES LAID ON A CURVE MUST BE RRJ AND THE RADIUS OF CURVATURE COMPLY WITH THE MANUFACTURERS SPECIFICATIONS. DRAINAGE PIPES LAID ON A CURVE SHALL HAVE THE BUILDING LINE PEGGED AT MINIMUM 15m INTERVALS.
- ALL SEWER MAINS, CONDUITS & PIPES UNDER ROAD PAVEMENT, CONCRETE DRIVEWAYS, FOOTPATHS AND PARKING BAYS ARE TO BE BACKFILLED WITH 20mm CLASS 2 BASALTIC FCR COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. WHERE SEWER MAINS ARE ADJACENT TO STORMWATER PIPELINES THE BACKFILL OF THE DEEPER TRENCH SHALL BE IN ACCORDANCE WITH COUNCIL'S STANDARD DRAWING SD6-10 (1996)
- DRAINAGE PIPES BEHIND BACK OF KERB TO BE BACKFILLED WITH 20mm CLASS 3 BASALTIC ROCK COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- AGRICULTURAL PIPE DRAINS TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS. REFER TO MPA STANDARD DRAWING FIG 020.
- 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 DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORKS.
- BATTERS SHALL BE IN 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - SOURCE OF QUARRY MATERIAL.
 - OPTIMUM MOISTURE CONTENT AND MAXIMUM MODIFIED DRY DENSITY OF THE F.C.R. TO BE USED (FROM NATA APPROVED LABORATORY).
 - IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF WORKS, NEW TEST RESULTS SHALL BE PROVIDED.
- NO TOP SOIL SHALL BE REMOVED FROM LAND COVERED BY THE SUBDIVISION WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. THE TRUCK ROUTE FOR REMOVAL OF SPOIL FROM SITE IS TO BE SUBMITTED TO AND APPROVED BY THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE IN WRITING PRIOR TO COMMENCEMENT OF ANY WORK.
- ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM THE SITE.
- THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING AND PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORK AS PER AUSTRALIAN STANDARD AS1742.1.2.3 -1986.
- REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLANS. NO MATERIAL IS TO BE BURNT ON SITE.
- ANY FOOTPATH OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- LOTS TO BE GRADED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. ALL LOTS TO BE IN 1 IN 50 MINIMUM SLOPE FRONT TO REAR OR REAR TO FRONT.
- FILL AREAS TO BE STRIPPED OF TOPSOIL, 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 DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- 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 7 DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
- TRANSITION FROM STANDARD TO ROLLOVER KERB AND CHANNEL AT SIDE ENTRY PITS.
- SM2 PROFILE KERB AND CHANNEL TO BE CONSTRUCTED IN ALL STREET UNLESS OTHERWISE SHOWN.
- PSM's TO BE LANDS DEPT. HIGH STABILITY TYPE. REFER TO COUNCIL STANDARD DRAWING SD11-10. AMG CO-ORDINATES AND AHD LEVEL TO BE SUPPLIED TO COUNCIL. (TO BE INSTALLED BY OTHERS)
- ALL PAVEMENTS TO BE COMPACTED TO 98% AUSTRALIAN DRY DENSITY. PAVEMENT DEPTH MAY NOT BE MODIFIED UNLESS APPROVED BY COUNCIL TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
- OFF-STREET PARKING TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-6A
- ALL 125mm THICK FOOTPATH AND SHARED PATH CONCRETE PAVING TO BE REINFORCED WITH SL22 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH MPA STANDARD DRAWING FIG 006.
- CONCRETE BIN AREAS TO BE 125mm THICK CONCRETE PAVING TO BE REINFORCED WITH SL62 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No SD2-1.
- 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.
- ALL SIGNS AND TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH AS 1742-1.2.3 -1986. LINE MARKING SHALL BE IN ACCORDANCE WITH VICROADS REQUIREMENT WITH LATERAL WORKS AND ARROWS BEING GOLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAUR OR PLASTELIN) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710 & 722).
- 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 ENVIRONMENTAL 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.
- PRIOR TO START OF WORKS ON SITE, A PRE-COMMENCEMENT MEETING MUST BE HELD BETWEEN DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE, THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR.
- PRIOR TO COMMENCING WORKS ON SITE, THE CONTRACTOR MUST OBTAIN ROAD OPENING/WORKS PERMITS FROM COUNCIL FOR ANY WORKS WITHIN EXISTING ROAD RESERVES OR WORKS ON ANY EXISTING INFRASTRUCTURE.
- STREET NAMES TO BE INSTALLED ON PUBLIC LIGHTING POLES AT INTERSECTIONS WHERE POSSIBLE. ALL SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-1.
- LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON BOTH SIDES OF THE KERB AND CHANNEL WITH W FOR WATER, RW FOR RECYCLED WATER, G FOR GAS, T FOR TELECOMMUNICATIONS & E FOR ELECTRICITY (REFER COUNCIL STANDARD DRG SD11-8).
- THE CONTRACTOR IS TO INSTALL BLUE RRPMS ON THE ROAD CENTRLINE AND MARKER POSTS TO INDICATE THE LOCATION OF FIRE PLUGS OR HYDRANTS IN ACCORDANCE WITH WYNDHAM CITY COUNCIL'S STANDARD DRAWING SD11-11.
- GAS AND WATER CONDUITS TO BE 50mm & 100mm DIAMETER RESPECTIVELY.
- ALL SERVICE TRENCHES UNDER CONCRETE FOOTPATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK MATERIAL.
- PROVIDE 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-5B.
- PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 7251/4/203) ALONG EDGE OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.
- PROVIDE TIMBER BOLLARDS AT 1.5m CTS AS PER COUNCIL STANDARD DRAWING SD10-2 AT A 0.25m OFFSET FROM THE RESERVE TITLE BOUNDARY.

PAVEMENT COMPOSITION

CONNECTOR STREET - (MIDFORD AVENUE)

WEARING COURSE	40mm	SIZE 14mm TYPE N CLASS 320 ASPHALT.
INTERMEDIATE COURSE	75mm	SIZE 20mm TYPE SI CLASS 320 ASPHALT.
BASE COURSE	75mm	SIZE 20mm TYPE SF CLASS 320 ASPHALT.
UPPER SUB-BASE	140mm	SIZE 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1.
LOWER SUB-BASE	140mm	SIZE 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1.
CAPPING LAYER	250mm	TYPE A MATERIAL CAPPING LAYER CBR 8% OR GREATER, SWELL < 1.5%, PERMEABILITY k < 1 x 10 ⁻⁹ m/s (5 x 10 ⁻⁷ cm/s) COMPACTED TO A MINIMUM DRY DENSITY OF 98% (MODIFIED) AS1289.5.1.1.
TOTAL	720mm	

SUBGRADE MATERIAL AS FOUND (SILTY CLAY). COMPACTED TO 0.3m DEPTH IN ACCORDANCE WITH AS 3789-2007 TABLE 5.1 ITEM 3(b)

ACCESS PLACE - (RYEBANK AVENUE, SPRINGHURST AVENUE)

WEARING COURSE	30mm	SIZE 10mm TYPE L CLASS 320 ASPHALT.
INTERMEDIATE COURSE	30mm	SIZE 10mm TYPE N CLASS 320 ASPHALT.
WATERPROOFING COURSE		SIZE 10mm SAMI PRIME OR 7mm PRIMERSEAL.
BASE COURSE	130mm	SIZE 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1
UPPER SUB-BASE	150mm	SIZE 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1.
LOWER SUB-BASE	140mm	SIZE 20mm CLASS 4 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1.
CAPPING LAYER	250mm	TYPE A MATERIAL CAPPING LAYER CBR 8% OR GREATER, SWELL < 1.5%, PERMEABILITY k < 1 x 10 ⁻⁹ m/s (5 x 10 ⁻⁷ cm/s) COMPACTED TO A MINIMUM DRY DENSITY OF 98% (MODIFIED) AS1289.5.1.1.
TOTAL	730mm	

SUBGRADE MATERIAL AS FOUND (SILTY CLAY). COMPACTED TO 0.3m DEPTH IN ACCORDANCE WITH AS 3789-2007 TABLE 5.1 ITEM 3(b)

ACCESS LANE - (AGATHA AVENUE, MAINLAND WAY / PORTER STREET)

WEARING COURSE	20mm	SIZE 7mm TYPE L CLASS 320 ASPHALT.
INTERMEDIATE COURSE	30mm	SIZE 10mm TYPE N CLASS 320 ASPHALT.
WATERPROOFING COURSE		SIZE 10mm SAMI PRIME OR 7mm PRIMERSEAL.
BASE COURSE	140mm	SIZE 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1
SUB-BASE	180mm	SIZE 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS1289, 5.1.1.
CAPPING LAYER	250mm	TYPE A MATERIAL CAPPING LAYER CBR 8% OR GREATER, SWELL < 1.5%, PERMEABILITY k < 1 x 10 ⁻⁹ m/s (5 x 10 ⁻⁷ cm/s) COMPACTED TO A MINIMUM DRY DENSITY OF 98% (MODIFIED) AS1289.5.1.1.
TOTAL	620mm	

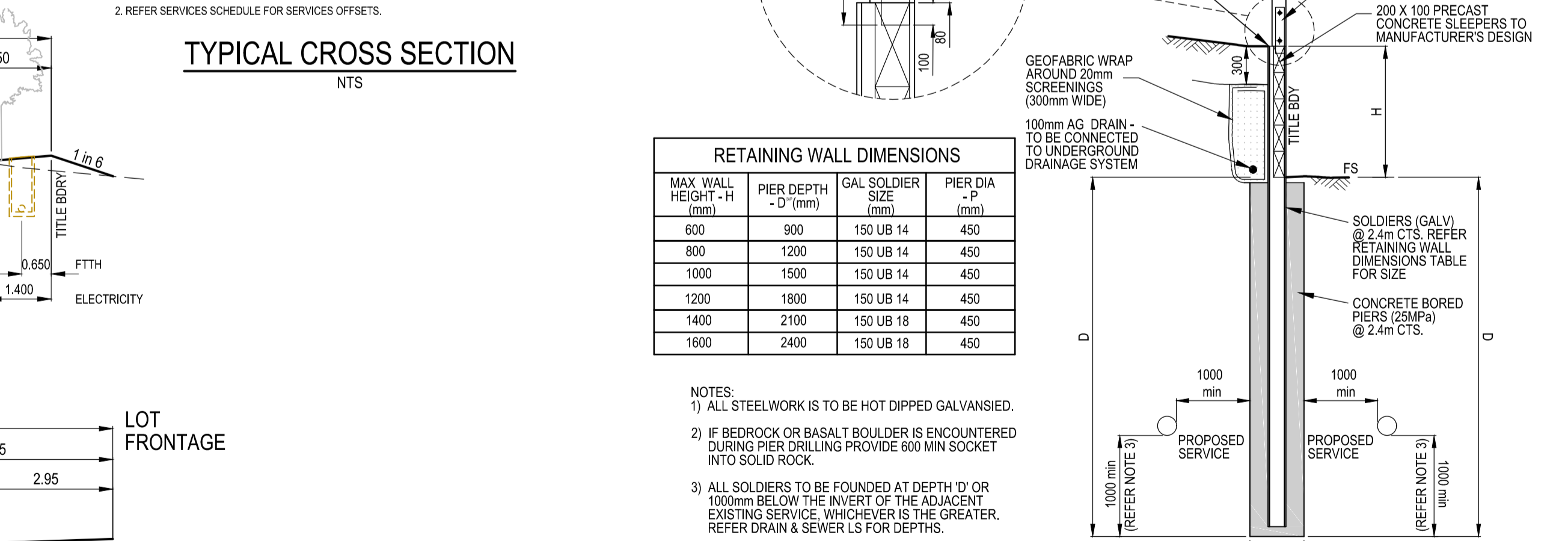
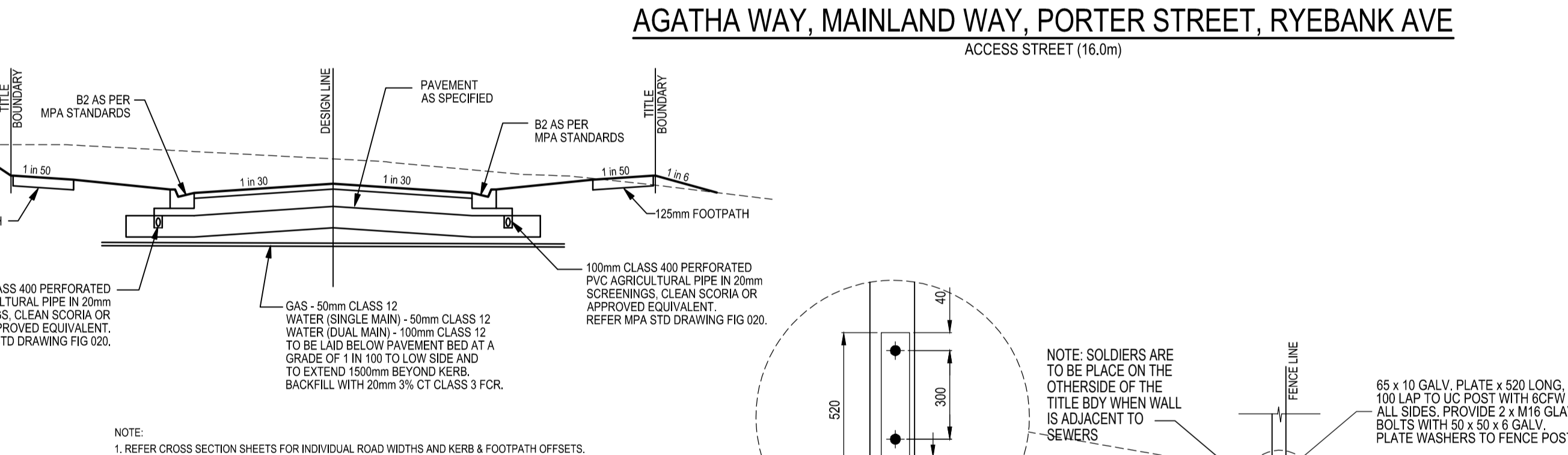
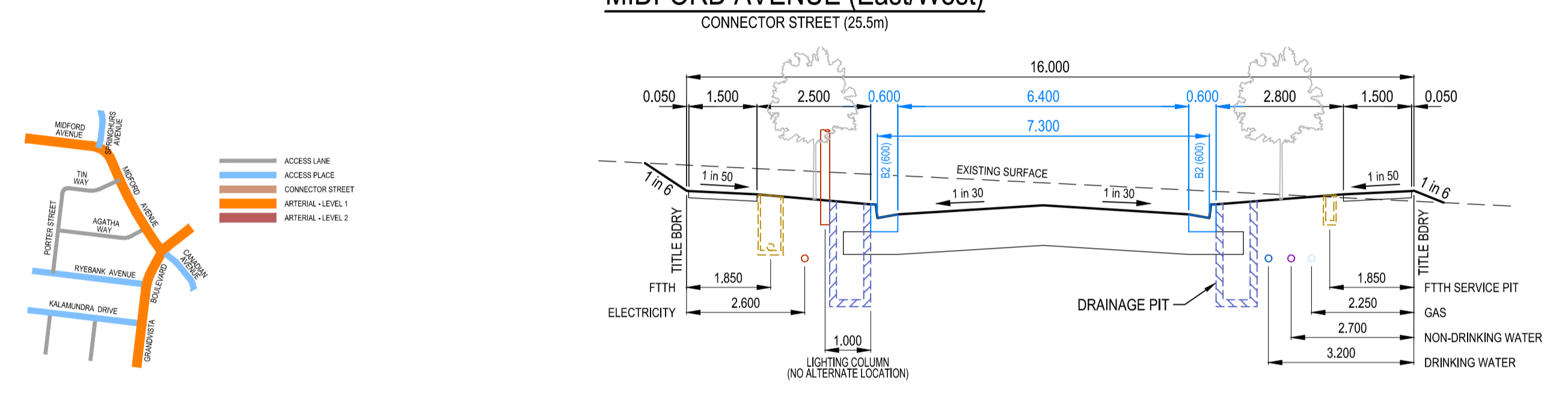
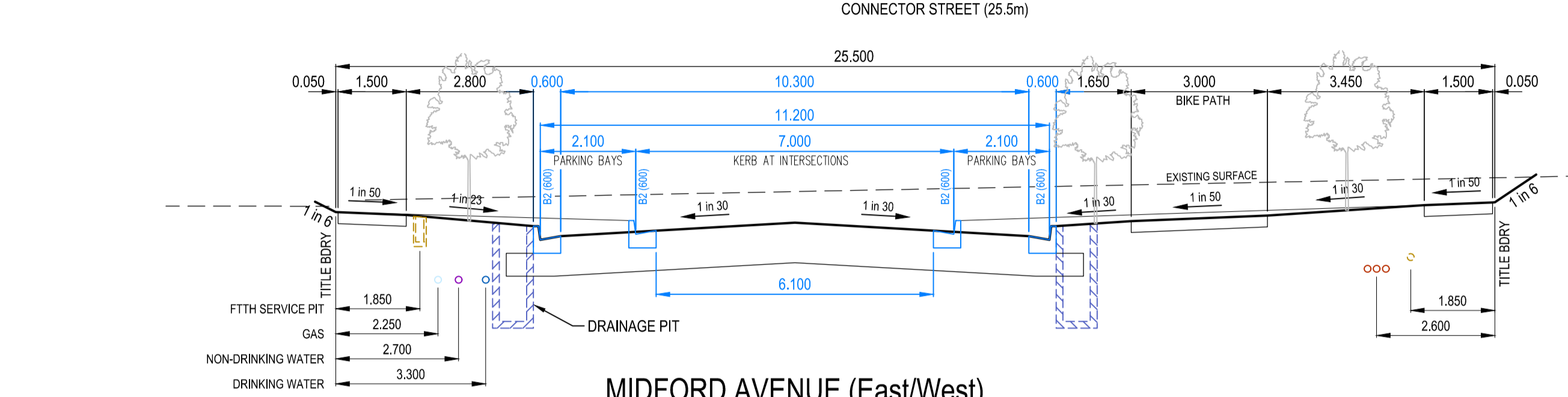
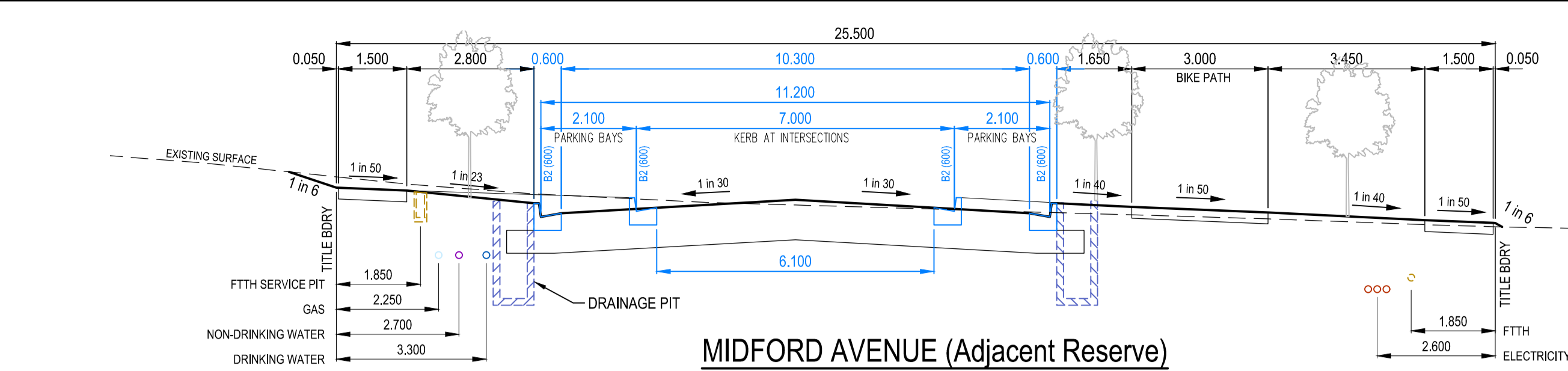
SUBGRADE MATERIAL AS FOUND (SILTY CLAY). COMPACTED TO 0.3m DEPTH IN ACCORDANCE WITH AS 3789-2007 TABLE 5.1 ITEM 3(b)

TRAFFIC ISLAND AND ROUNDABOUT CENTRE ANNULUS INFILLS

- PAVEMENT COMPOSITION TO CONSIST OF:
- 200mm DEPTH REINFORCED SL82 CONCRETE
 - 50mm COMPACTED CLASS 2 CRUSHED ROCK
- PROVIDE 450mm N12 DEFORMED BARS AT 400mm CENTRES AT ALL CONCRETE INTERFACES

LANEWAY (ADJACENT LOT 1712-1714)

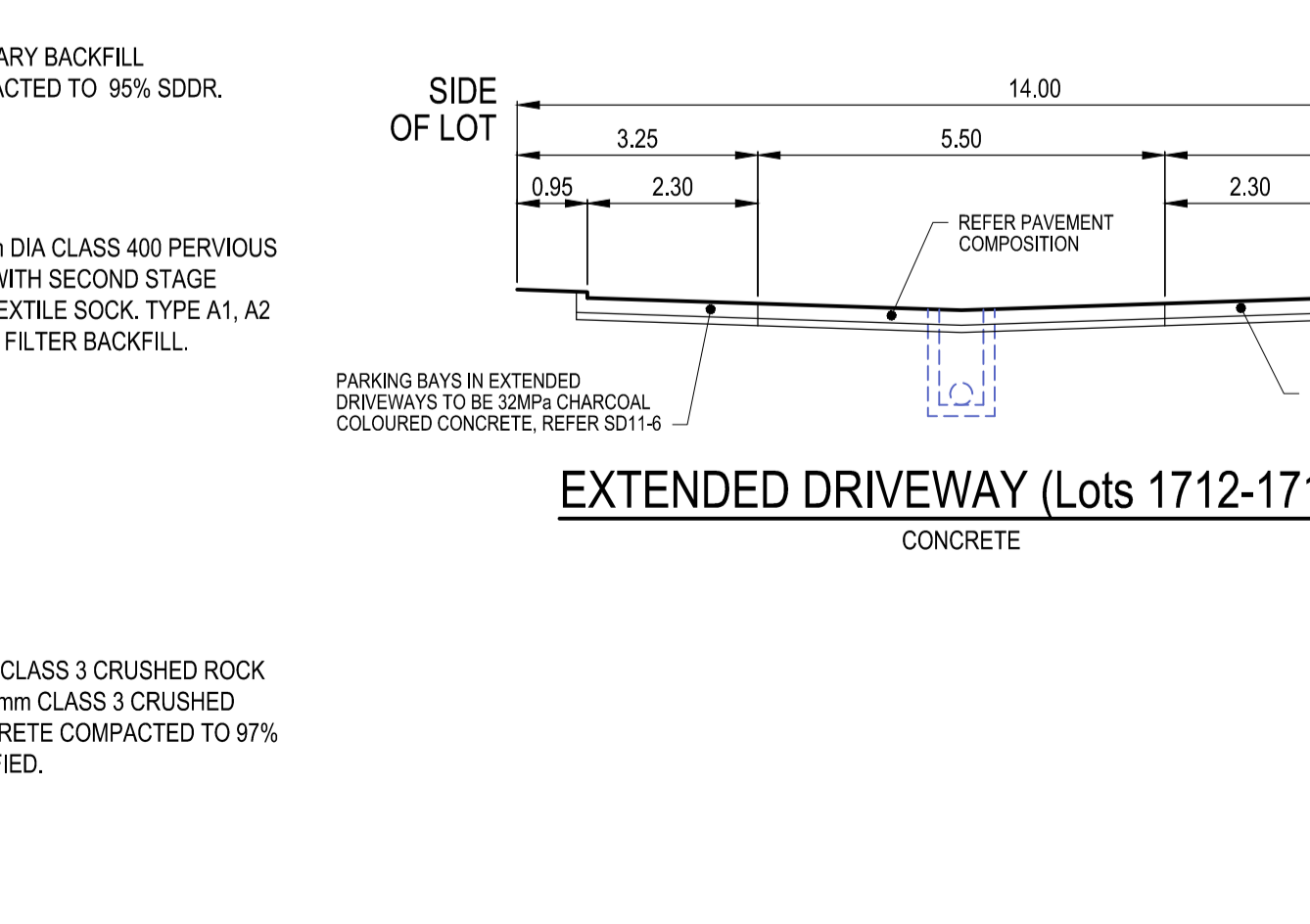
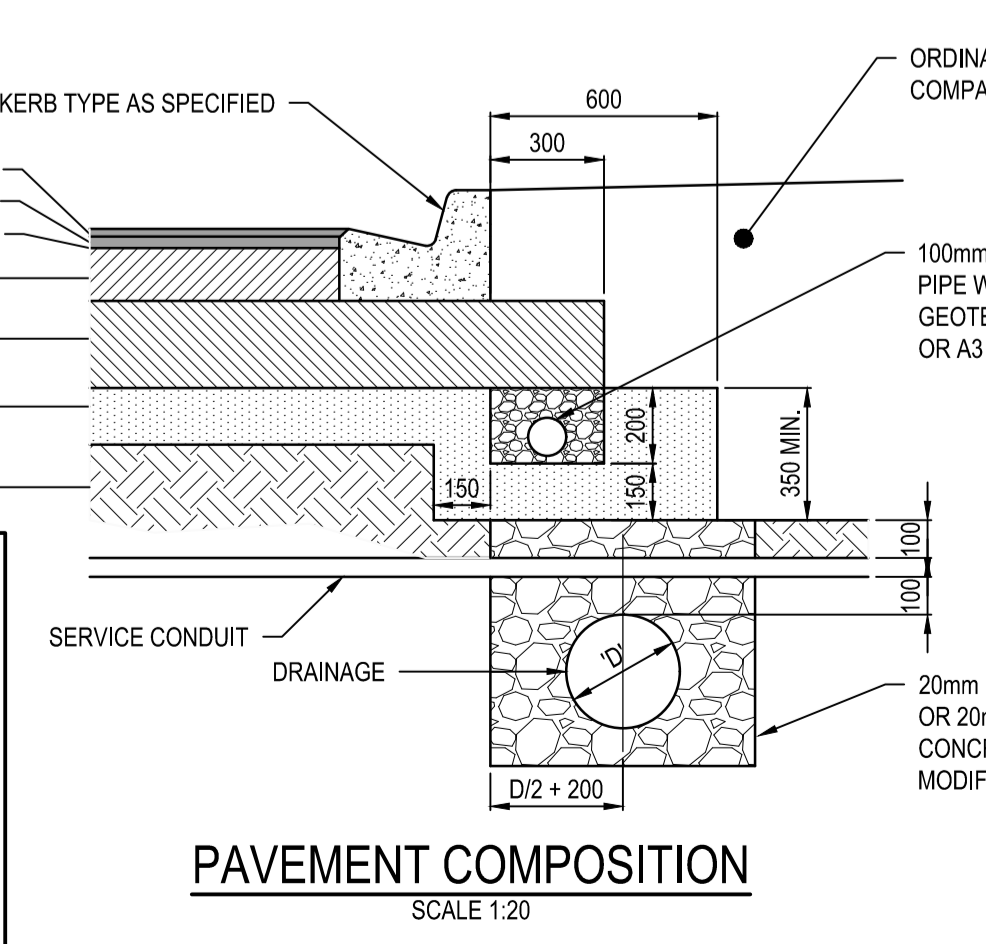
- PAVEMENT COMPOSITION TO CONSIST OF:
- 200mm DEPTH REINFORCED SL82 CONCRETE
 - 100mm COMPACTED CLASS 2 CRUSHED ROCK
- PROVIDE 450mm N12 DEFORMED BARS AT 400mm CENTRES AT ALL CONCRETE INTERFACES



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ATTENTION TO CONTRACTOR

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- CONTRACTOR TO ENSURE THAT THE SITE IS PEGGED AND OR SET OUT CHECKED BY THE LICENCED SURVEYOR RESPONSIBLE FOR CERTIFYING THE PLAN OF SUBDIVISION PRIOR TO UNDERGROUND INFRASTRUCTURE BEING INSTALLED.
- 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.



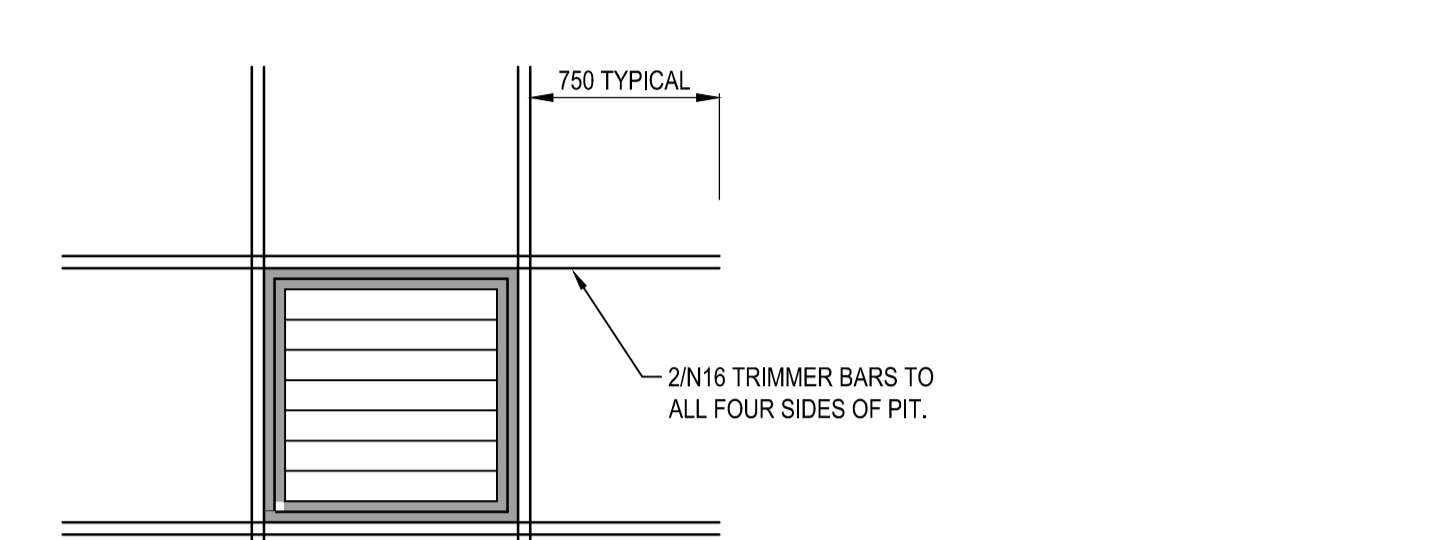
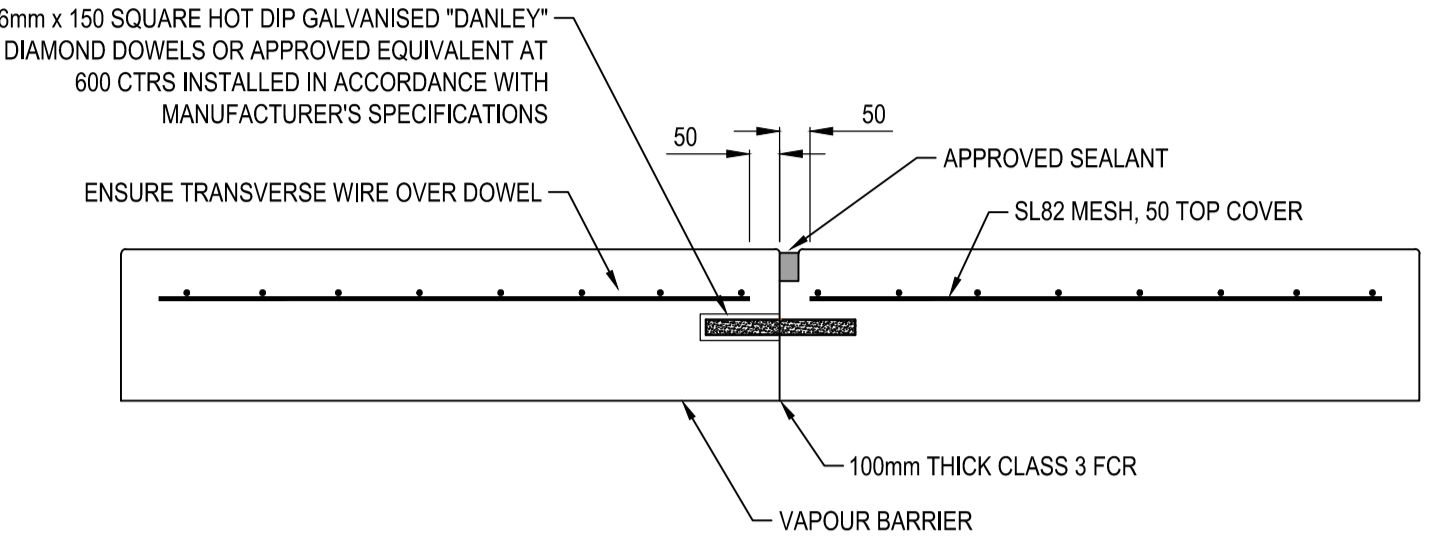
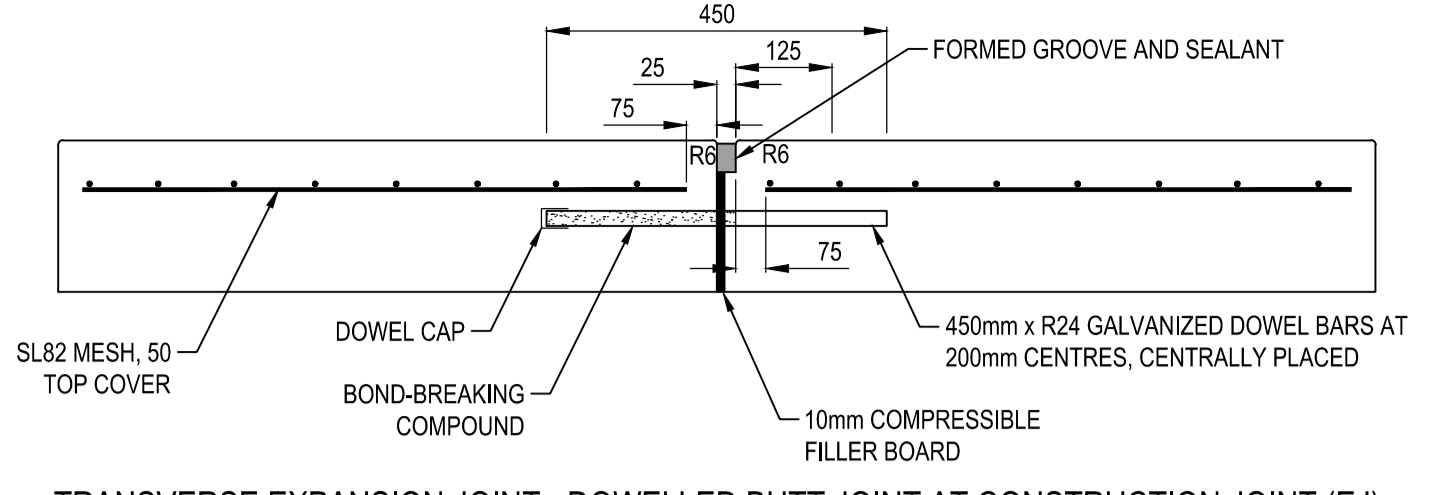
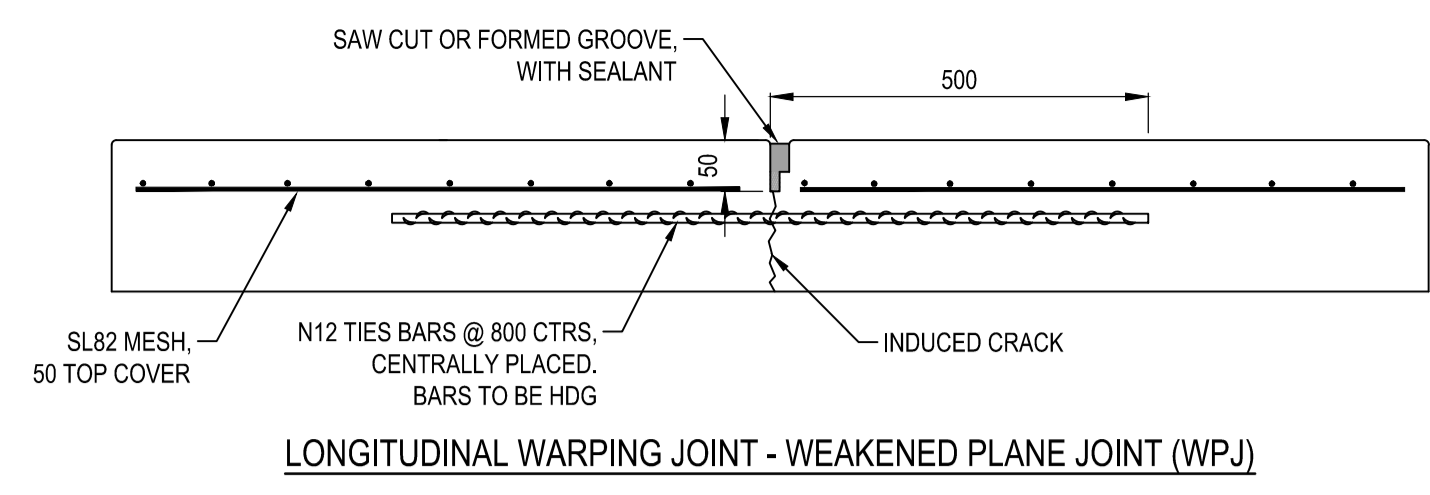
AS CONSTRUCTED

MELWAY REF	204-G-8
SURVEY	BPD
DESIGN	BPD
DRAWN	DG
CHECKED	C.HAGEN

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

CORNERSTONE ESTATE STAGE 17
NOTES AND TYPICAL CROSS SECTIONS

MUNICIPALITY	WYNDHAM
REFERENCE	8890 E/17
SCALE	As Shown
DATUM	AHD
DATE	Nov'20
SHEET	2 OF 16

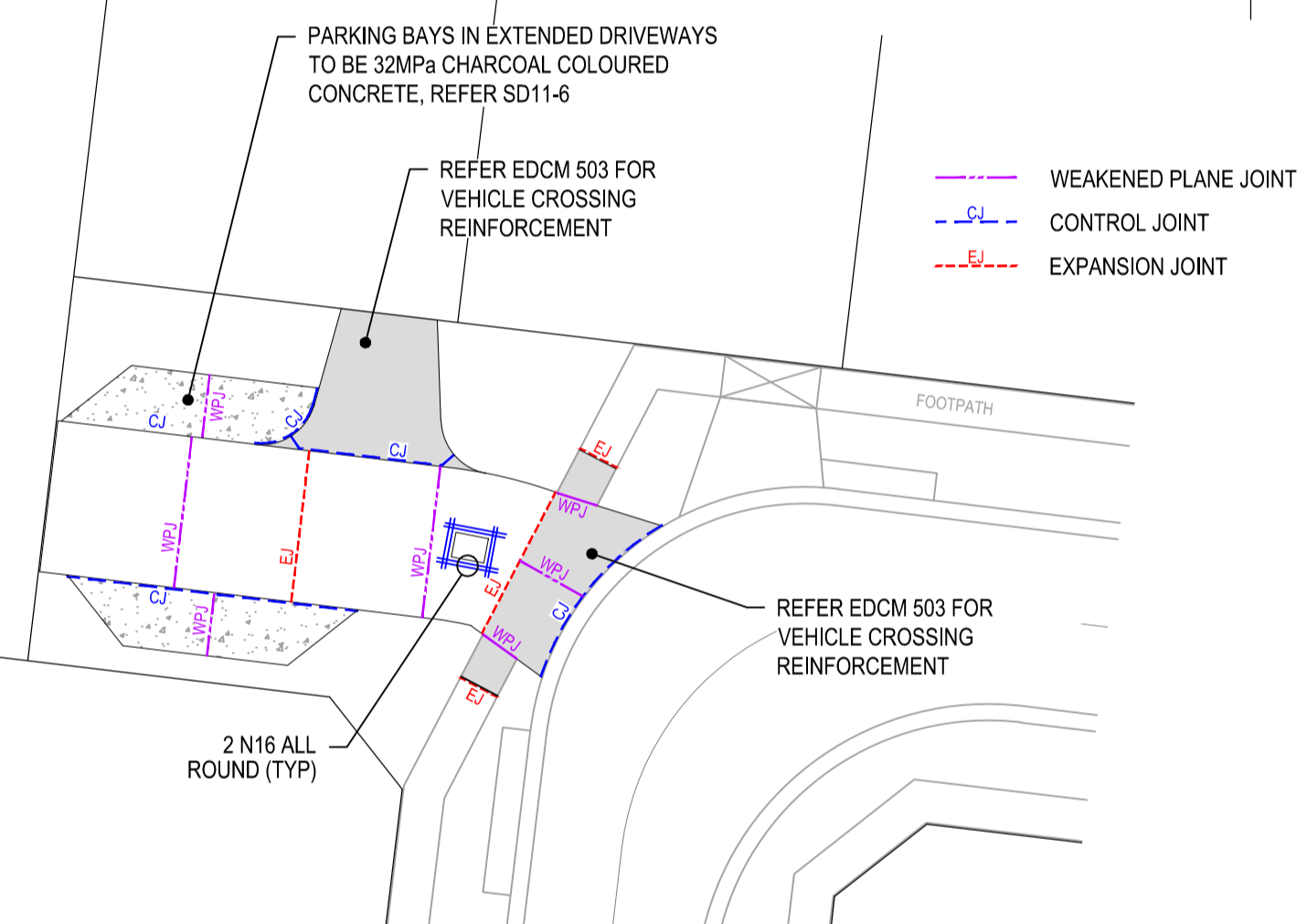


JOINT DETAIL NOTES:

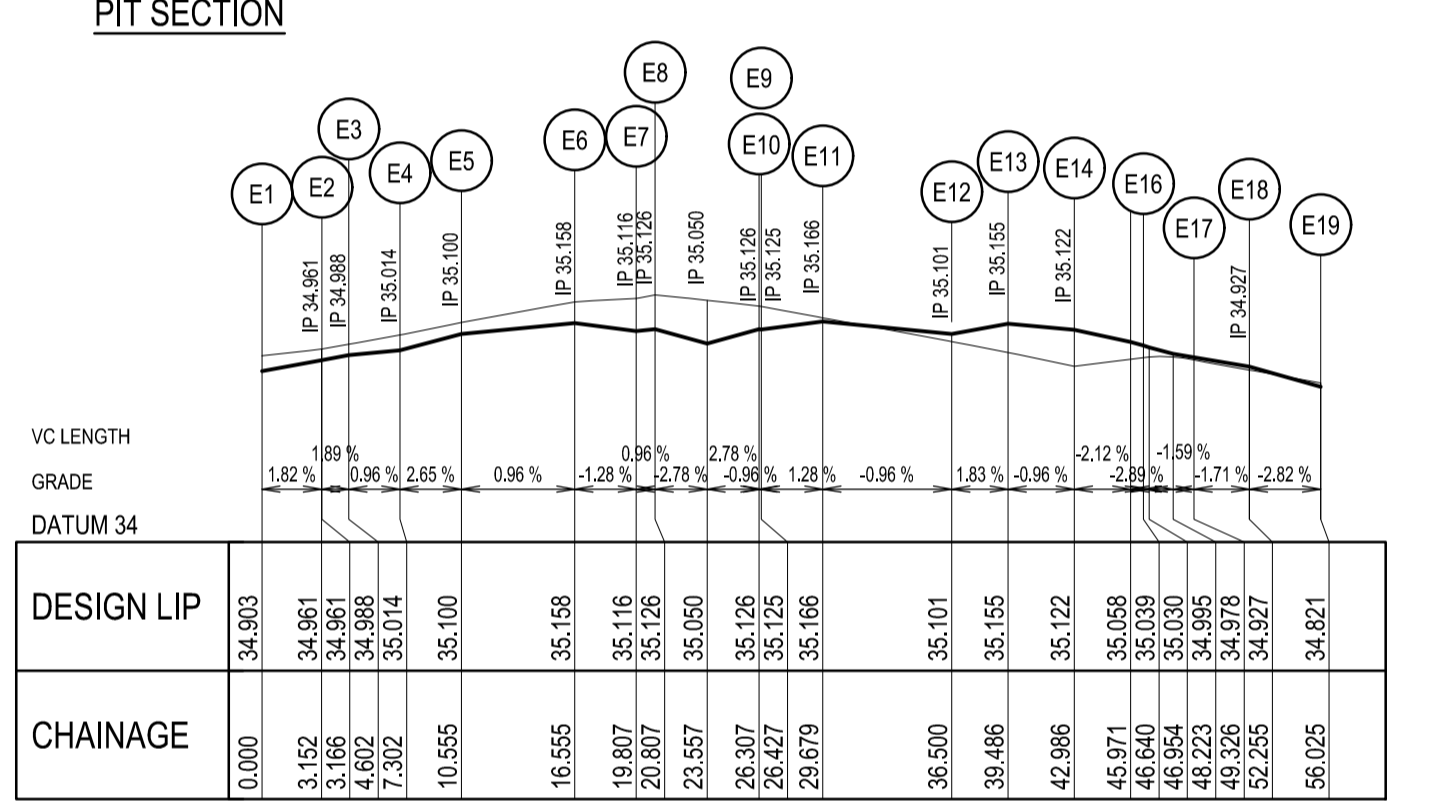
- SAW JOINTS ARE TO BE PLACED AT A MAXIMUM 6m SPACING AND CONSTRUCTED 18-24 HOURS AFTER POURING EXPANSION.
- TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 12m.
- ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH 'CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS 1997'.
- CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST 75% CONCRETE NOMINATED ULTIMATE STRENGTH.
- CONCRETE TO BE CLASS N32.

CONCRETE JOINTING DETAILS

NOT TO SCALE



NTS



LIP LINE E
H 1:400 V 1:40

Alignment C

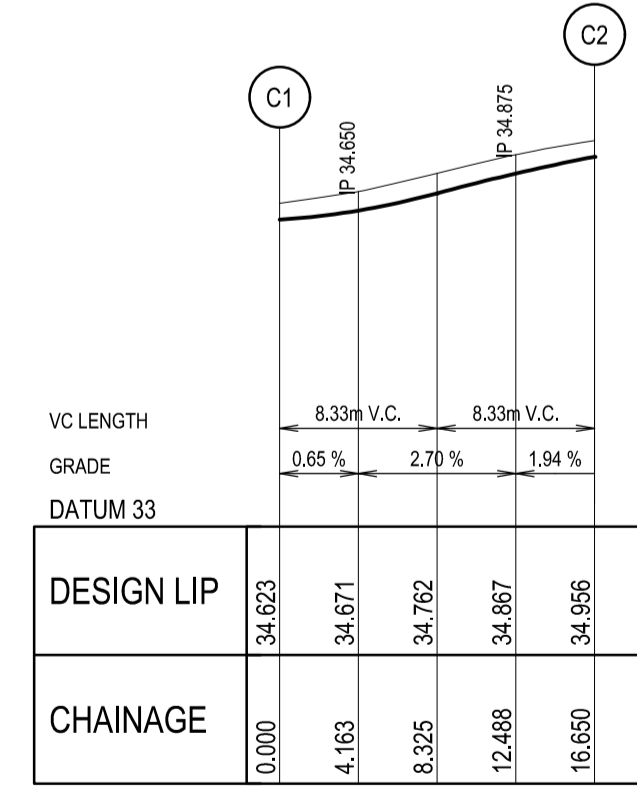
Point no	Easting	Northing	RL
kg 17 C 1	1425.116	1275.355	34.823
kg 17 C 2	1413.332	1266.089	34.956
kg 17 C 3	1420.993	1275.036	34.871
kg 17 C 4	1417.305	1273.162	34.782
kg 17 C 5	1414.615	1270.021	34.867

Curve no	I	Radius	Arc	Mid Ord	Ch	Ord	X	Y	I	Mid Ord RL
kg 17 C 1 2	-90.000	-10.600	16.650	3.105	2.298	3.439	4.056	4.163	34.762	

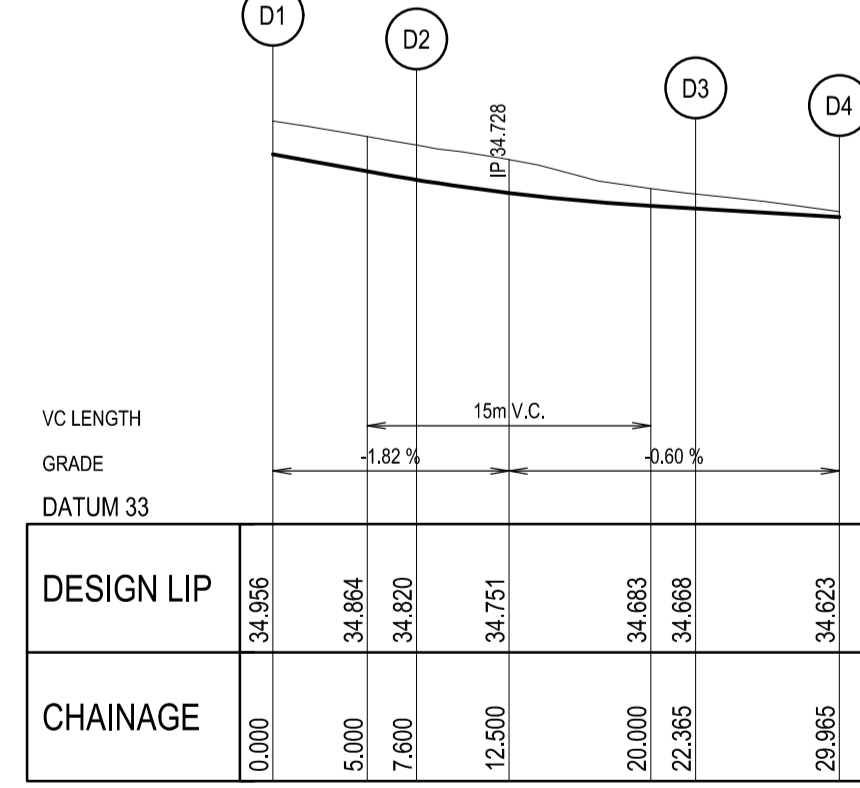
Alignment D

Point no	Easting	Northing	RL
kg 17 D 1	1405.977	1266.849	34.956
kg 17 D 2	1407.880	1274.295	34.820
kg 17 D 3	1418.332	1282.812	34.688
kg 17 D 4	1425.876	1281.710	34.623
kg 17 D 5	1409.018	1277.882	34.766
kg 17 D 6	1411.403	1280.988	34.723
kg 17 D 7	1414.673	1282.329	34.691

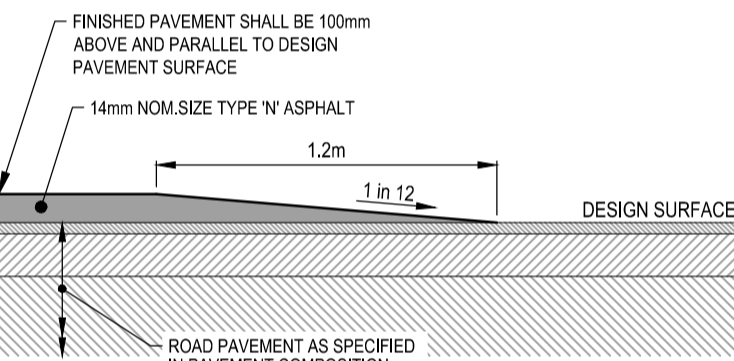
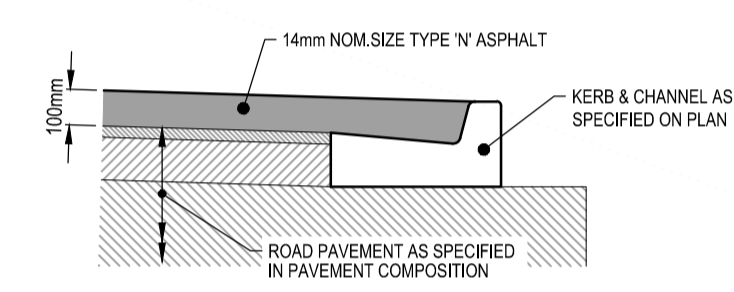
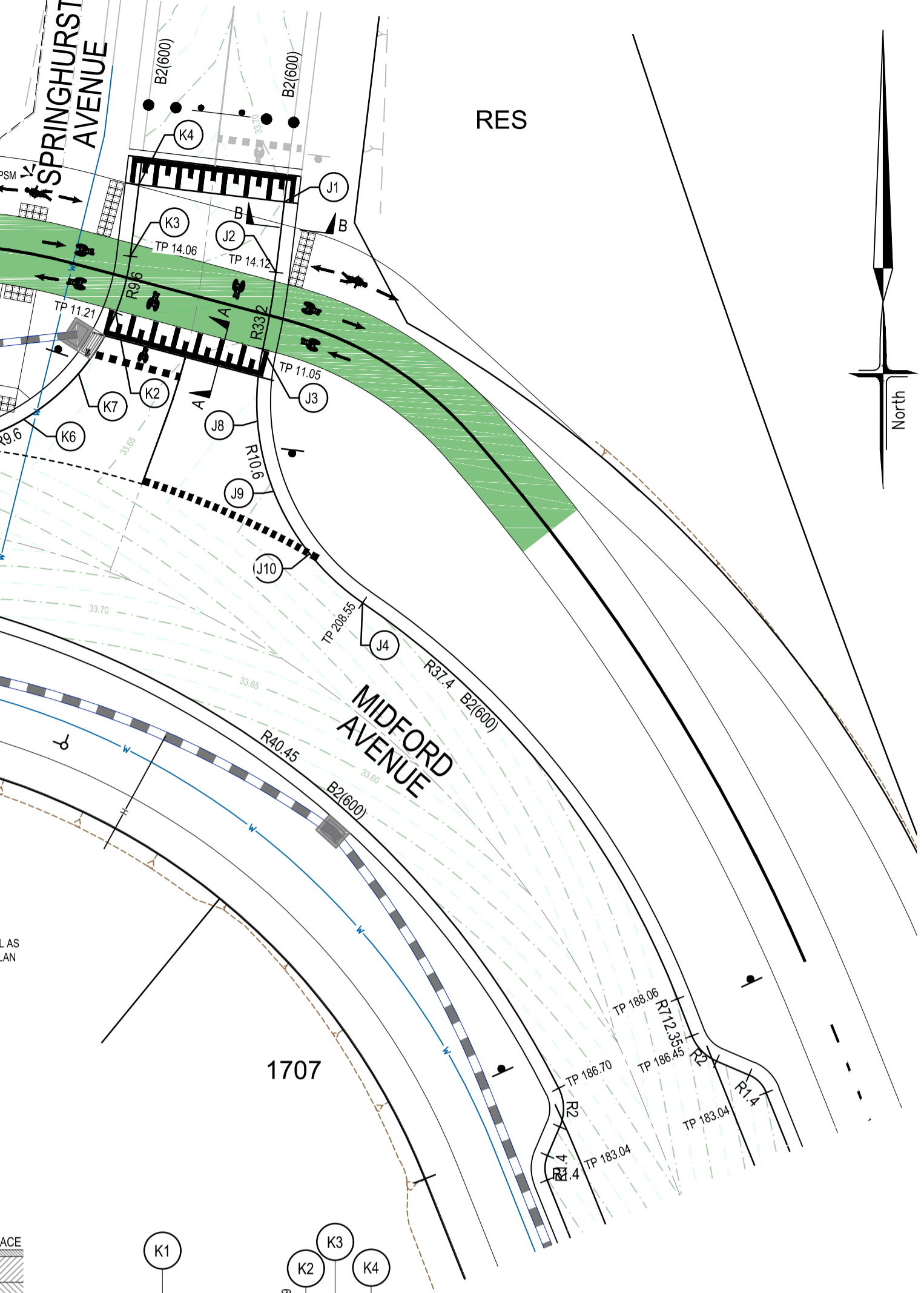
Curve no	I	Radius	Arc	Mid Ord	Ch	Ord	X	Y	I	Mid Ord RL
kg 17 D 2 3	-8.718	-12.250	1.436	0.021	0.019	0.359	0.359	0.359	34.975	
kg 17 D 16 17	-78.963	-2.000	2.887	0.434	0.323	0.585	0.659	0.672	35.002	
kg 17 D 17 18	9.457	17.750	2.930	0.060	0.045	0.731	0.732	0.732	34.953	



LIP LINE C
H 1:400 V 1:40

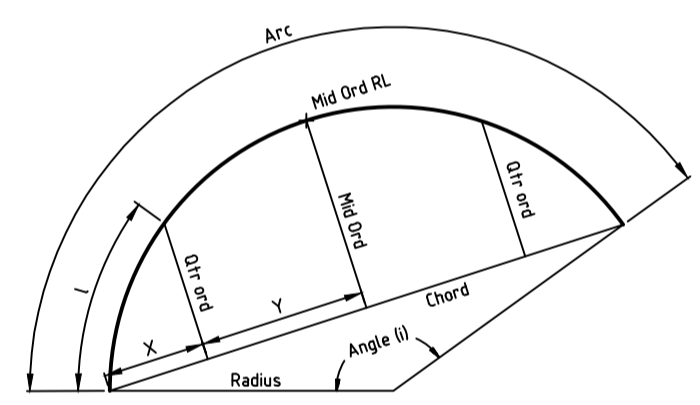


LIP LINE D
H 1:400 V 1:40



TYPICAL RAISED PAVEMENT
NTS

VC LENGTH	GRADE
DATUM 32	-0.51%
DESIGN LIP	33.127
CHAINAGE	0.000, 11.410, 12.526, 15.080, 18.232



NOTE:
ALL SETOUT DETAILS ARE AT LIP OF KERB

VC LENGTH	GRADE
DATUM 32	-0.50%
DESIGN LIP	33.659, 33.687, 33.690, 33.643, 33.650
CHAINAGE	0.000, 2.500, 3.098, 6.500, 7.711

LIP LINE K
H 1:400 V 1:40

Alignment K

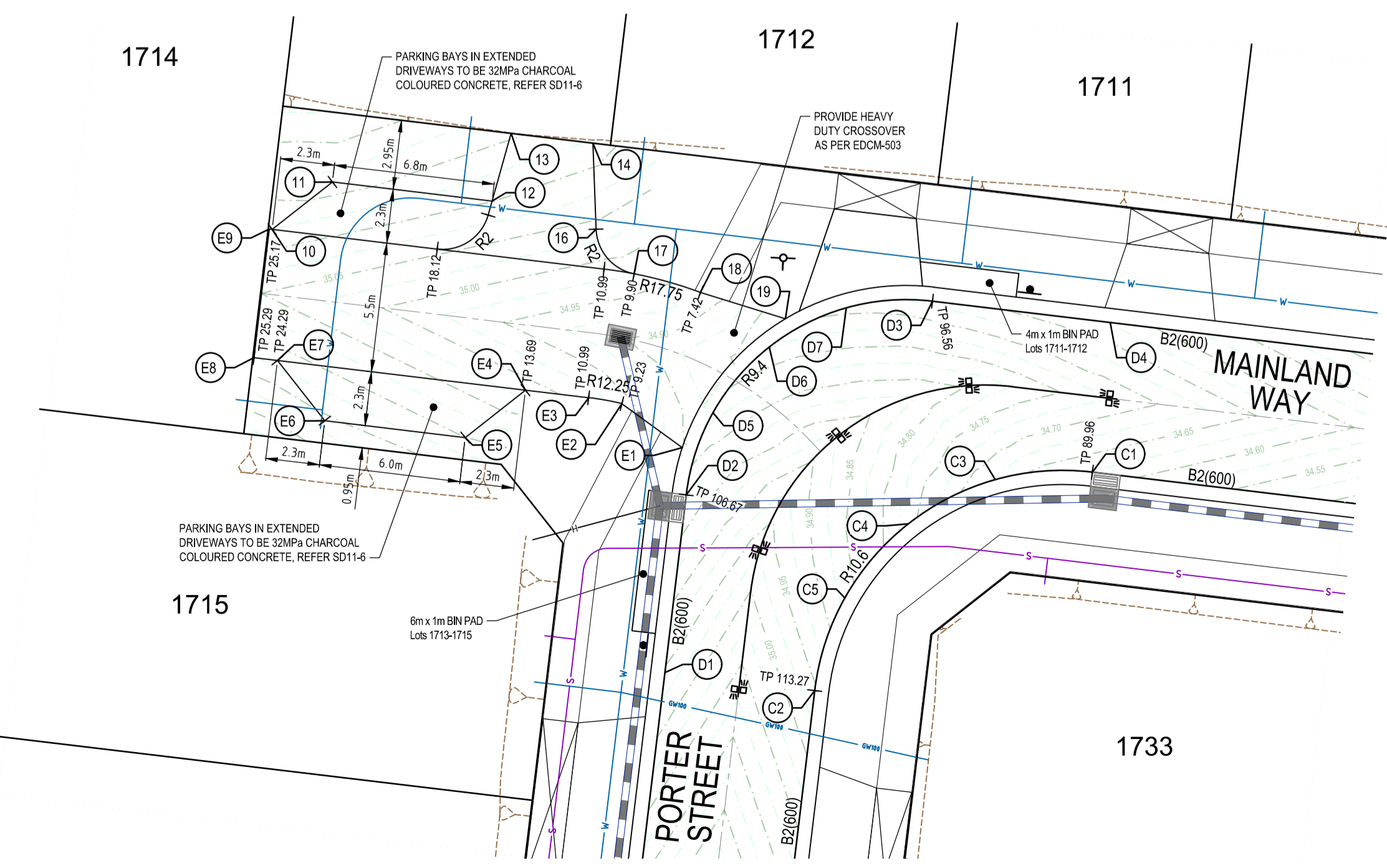
Point no	Easting	Northing	RL
kg 17 K 1	1463.847	1355.204	33.727
kg 17 K 2	1473.885	1361.751	33.778
kg 17 K 3	1474.519	1364.216	33.760
kg 17 K 4	1474.894	1367.346	33.729
kg 17 K 5	1468.962	1365.862	33.743
kg 17 K 6	1469.868	1367.000	33.759
kg 17 K 7	1472.260	1369.000	33.774
kg 17 K 8	1474.105	1362.350	33.773
kg 17 K 9	1474.294	1362.963	33.769
kg 17 K 10	1474.423	1363.586	33.765

Alignment J

Point no	Easting	Northing	RL
kg 17 J 1	1481.249	1366.586	33.707
kg 17 J 2	1480.881	1363.510	33.719
kg 17 J 3	1480.128	1359.414	33.706
kg 17 J 4	1484.212	1368.178	33.587
kg 17 J 5	1480.741	1362.478	33.718
kg 17 J 6	1480.568	1361.400	33.716
kg 17 J 7	1480.384	1362.429	33.712
kg 17 J 8	1479.829	1356.254	33.675
kg 17 J 9	1480.479	1353.148	33.640
kg 17 J 10	1482.019	1350.373	33.611

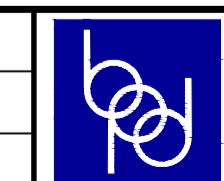
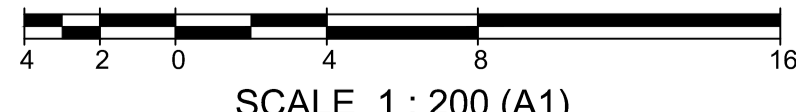
LIP LINE J
H 1:400 V 1:40

AS CONSTRUCTED



INTERSECTION DETAILS

LENGTHS ARE IN METRES

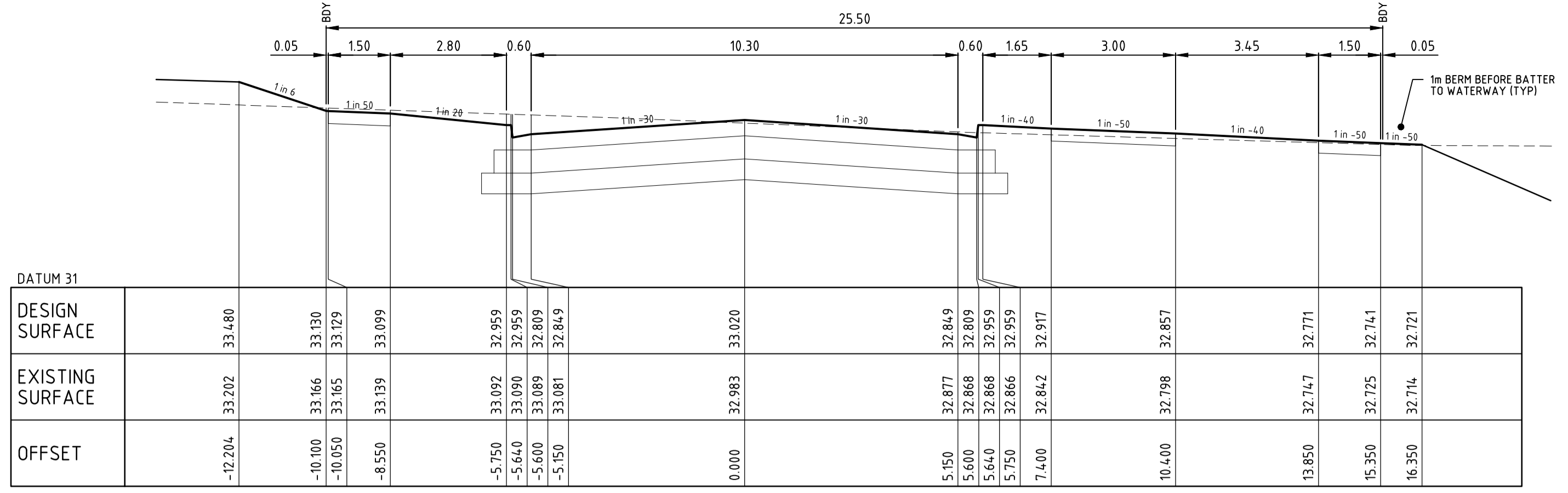
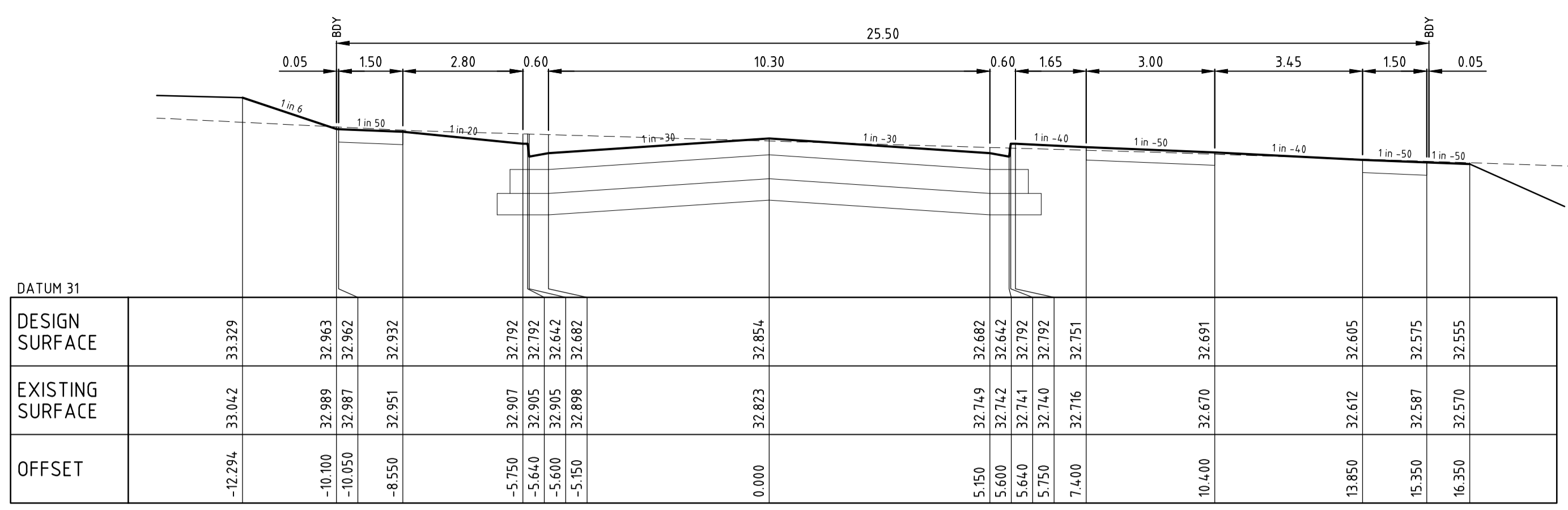


breese pitt dixon pty. ltd.
land surveyors
civil engineers

MELWAY REF	204-G-8
SURVEY	BPD
DESIGN	BPD
DRAWN	DG
CHECKED	C.HAGEN
SCALE	As Shown
DATUM	AHD
DATE	Nov'20

CORNERSTONE ESTATE STAGE 17 INTERSECTION DETAILS	
MUNICIPALITY	WYNDHAM
REFERENCE	8890 E/17
SHEET	4 OF 16

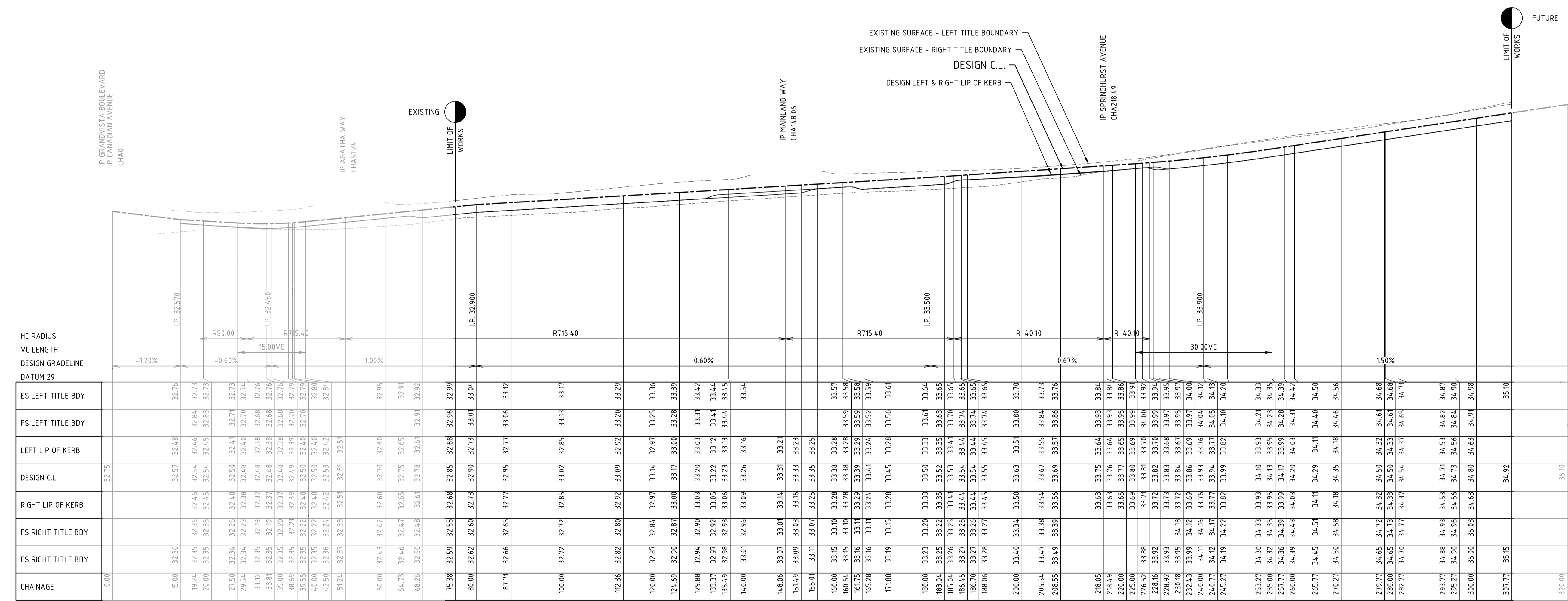
1/19 cafo street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310



CHA 75.380

CHA 100.040

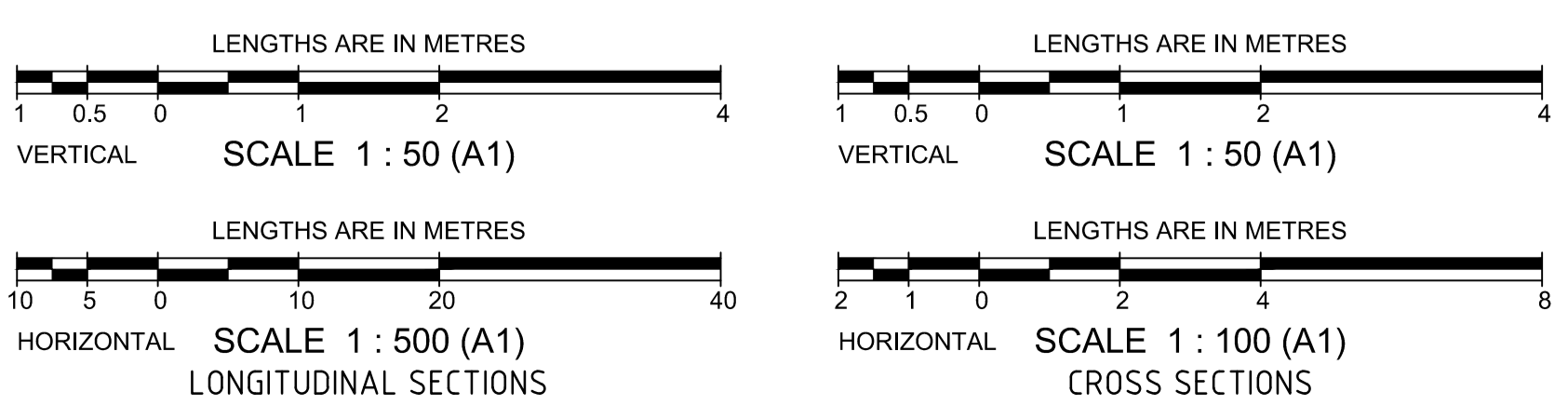
CROSS SECTIONS (Rd13)
H 1:100 V 1:50



LONGITUDINAL SECTION (Rd13)
H 1:500 V 1:50

MIDFORD AVENUE

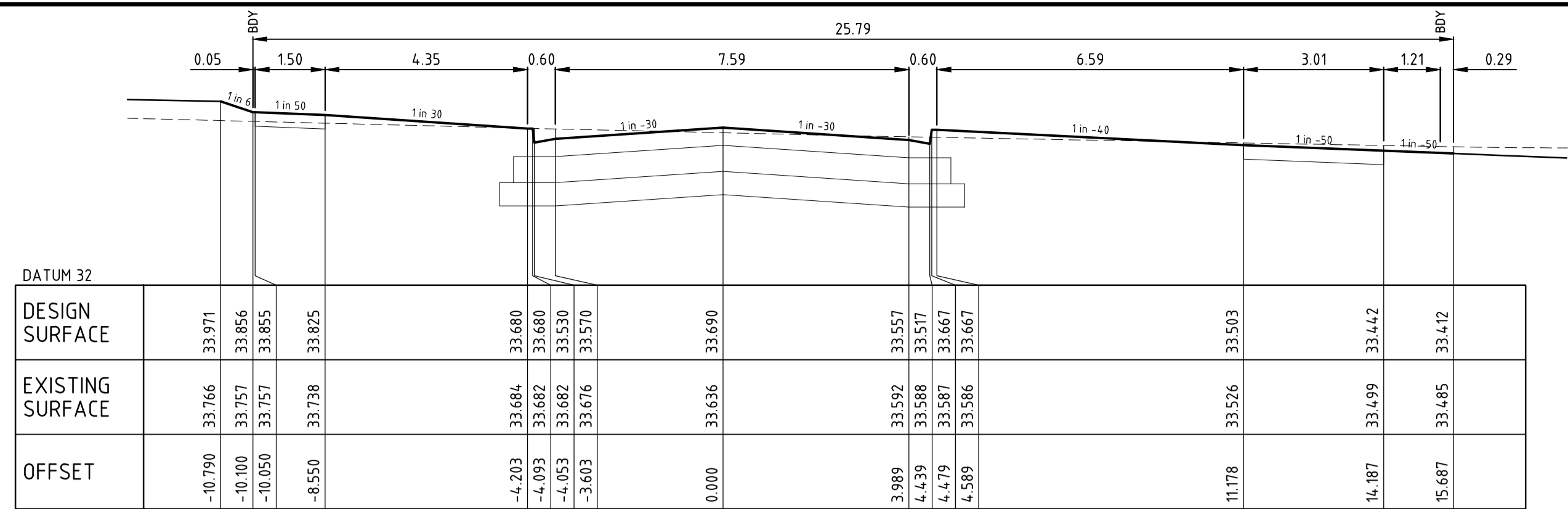
AS CONSTRUCTED



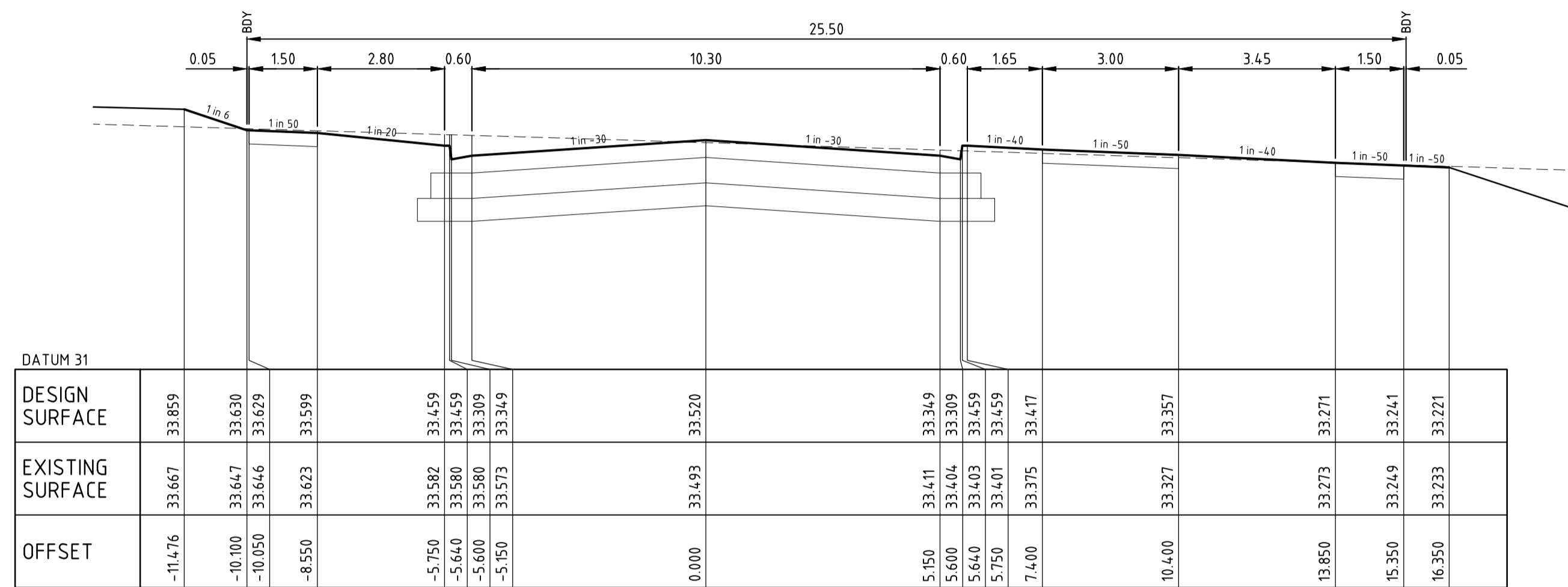
breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
MELWAY REF. 204-G-8 SURVEY BPD DESIGN BPD DRAWN DG		CORNERSTONE ESTATE STAGE 17 MIDFORD AVENUE
AMENDMENTS A 27/4/21 ISSUED FOR CONSTRUCTION		MUNICIPALITY WYNDHAM REFERENCE 8890 E/17
CHECKED C.HAGEN	SCALE As Shown	DATUM AHD DATE Nov'20 SHEET 5 OF 16

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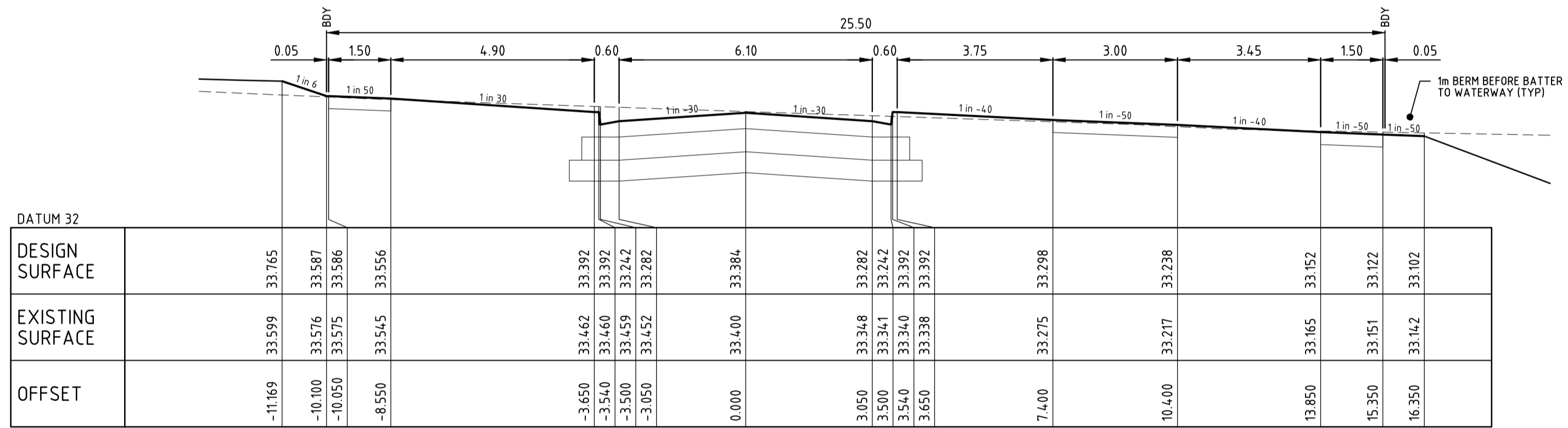
Printed: Apr 26, 2021 - 5:27pm



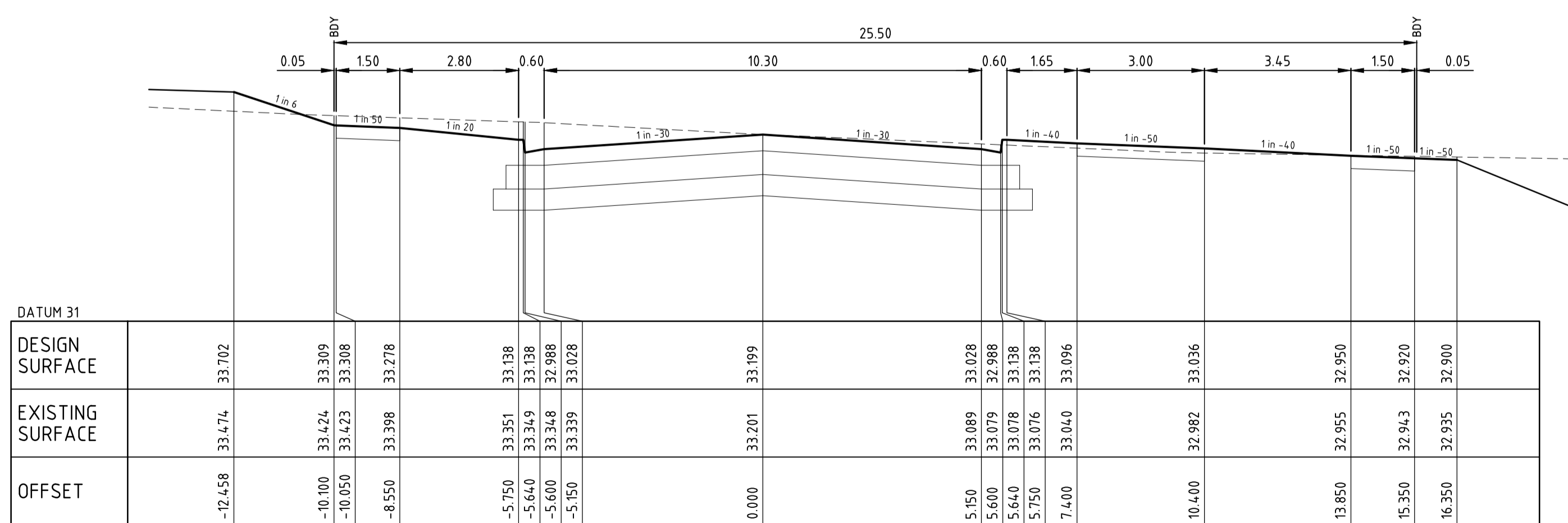
CHA 208.549



CHA 183.042



CHA 160.643

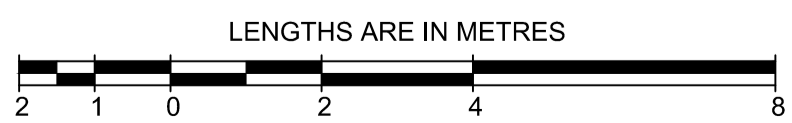


CHA 129.875

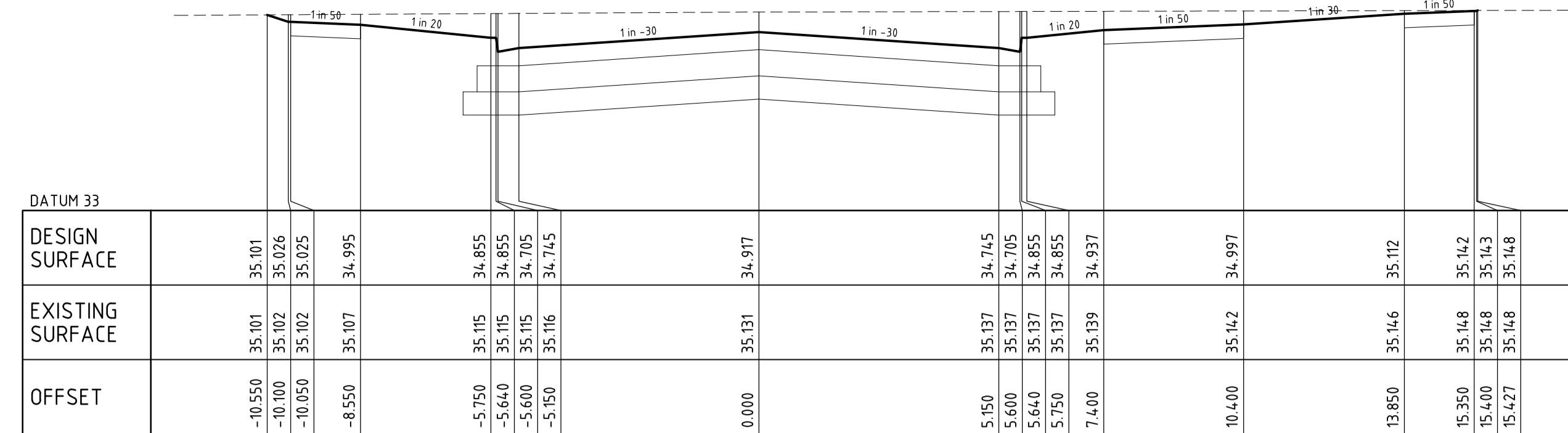
CROSS SECTIONS (Rd13)

H:1-100 V:150

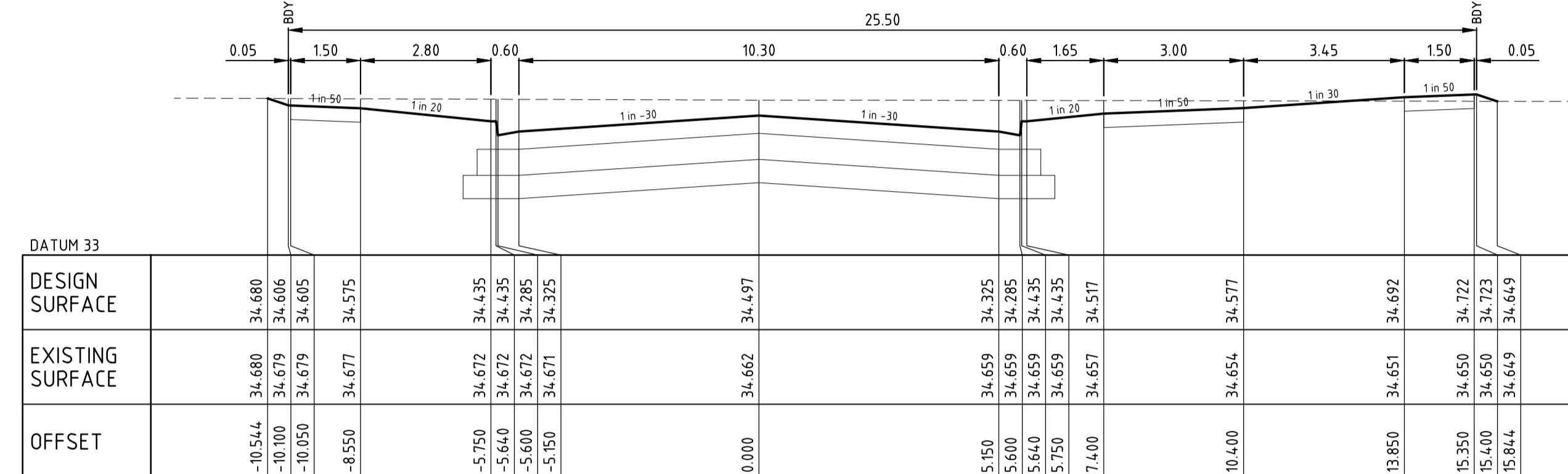
MIDFORD AVENUE



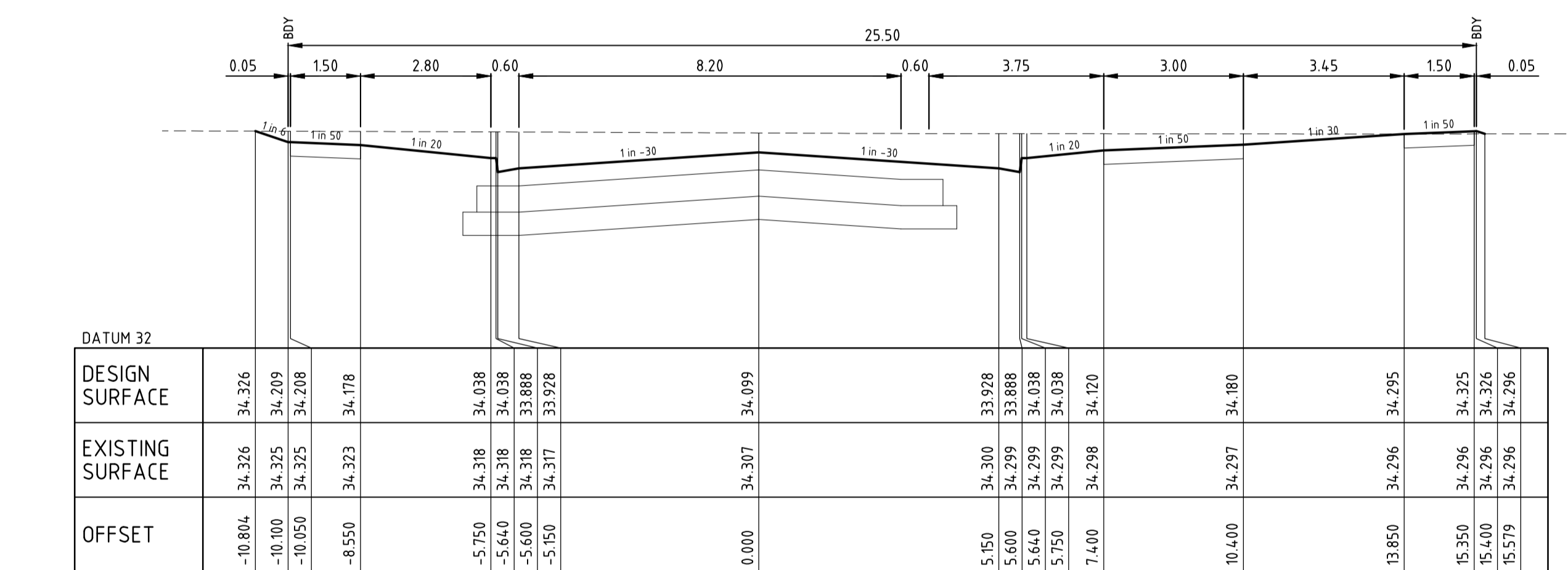
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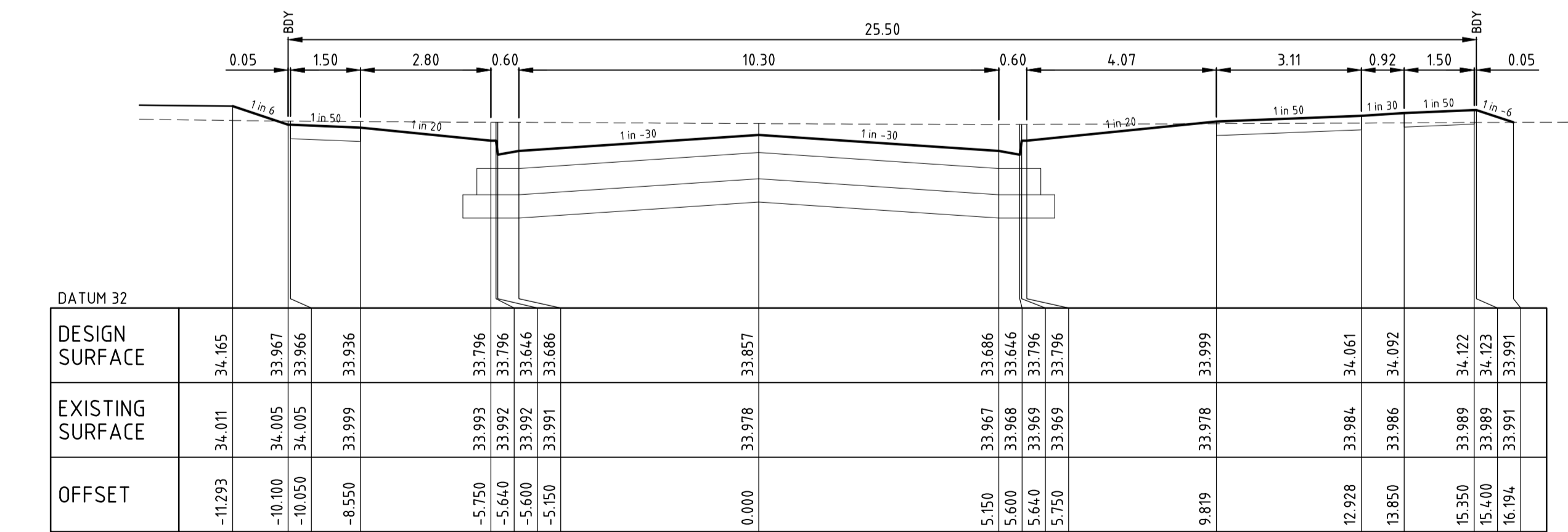
CHA 307.767



CHA 279.770

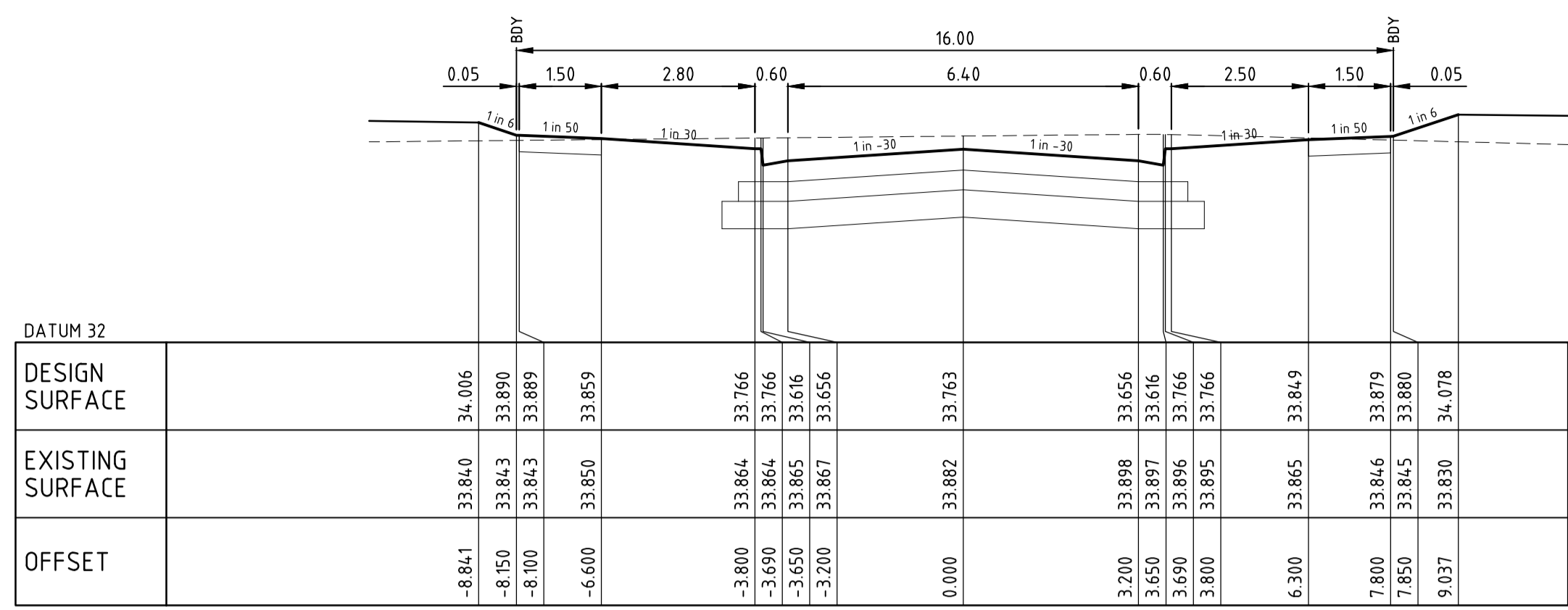


CHA 253.270



CHA 232.431

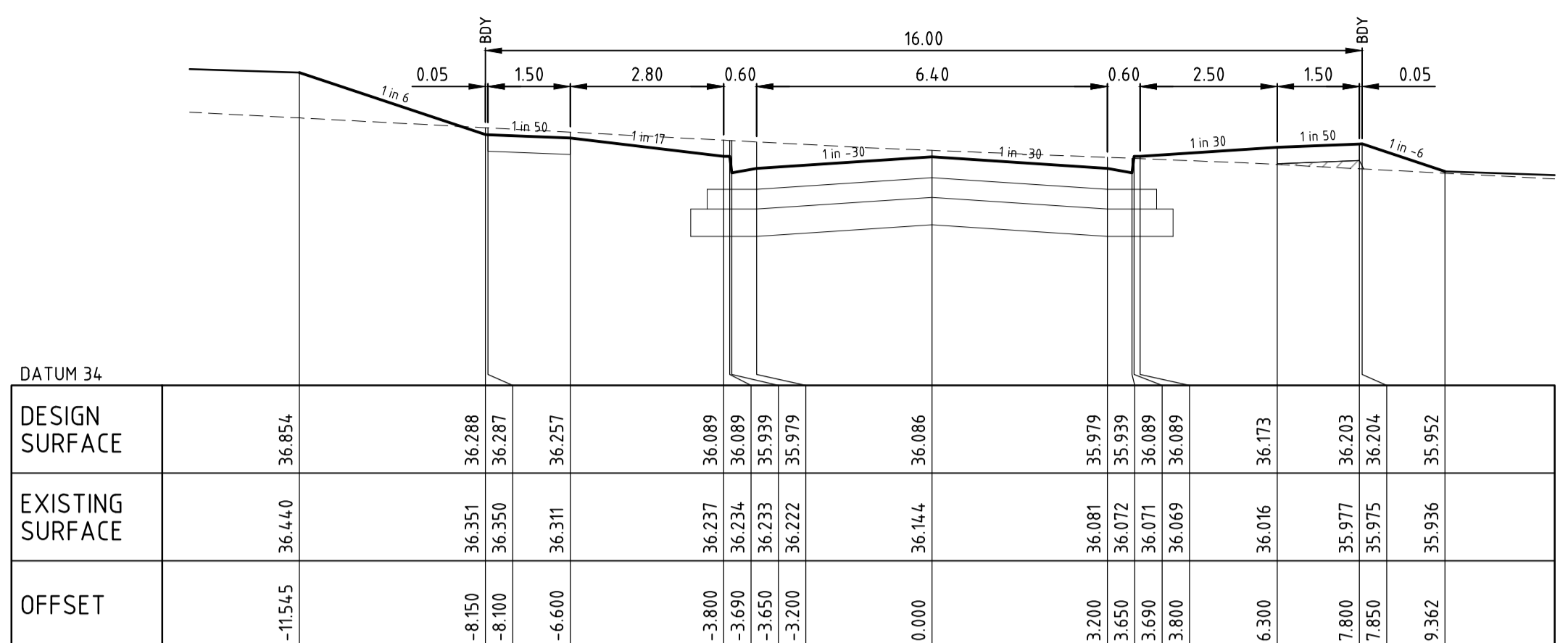
		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 204-G-8 SURVEY BPD DESIGN BPD DRAWN DG		CORNERSTONE ESTATE STAGE 17 MIDFORD AVENUE		MUNICIPALITY WYNDHAM REFERENCE 8890 E/17	
CHECKED C.HAGEN		SCALE As Shown		DATUM AHD DATE Nov'20	
SHEET 6 OF 16		A		SHEET 6 OF 16	



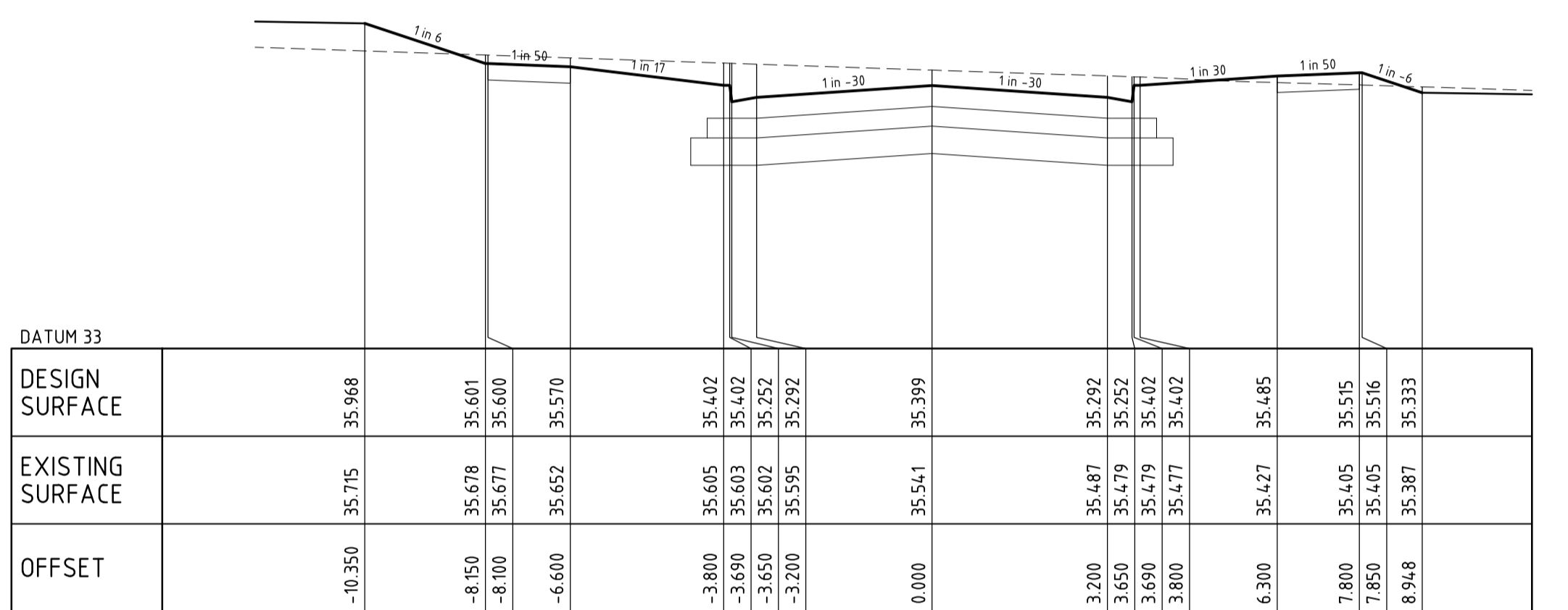
CHA 51.420

CROSS SECTIONS (Rd14)

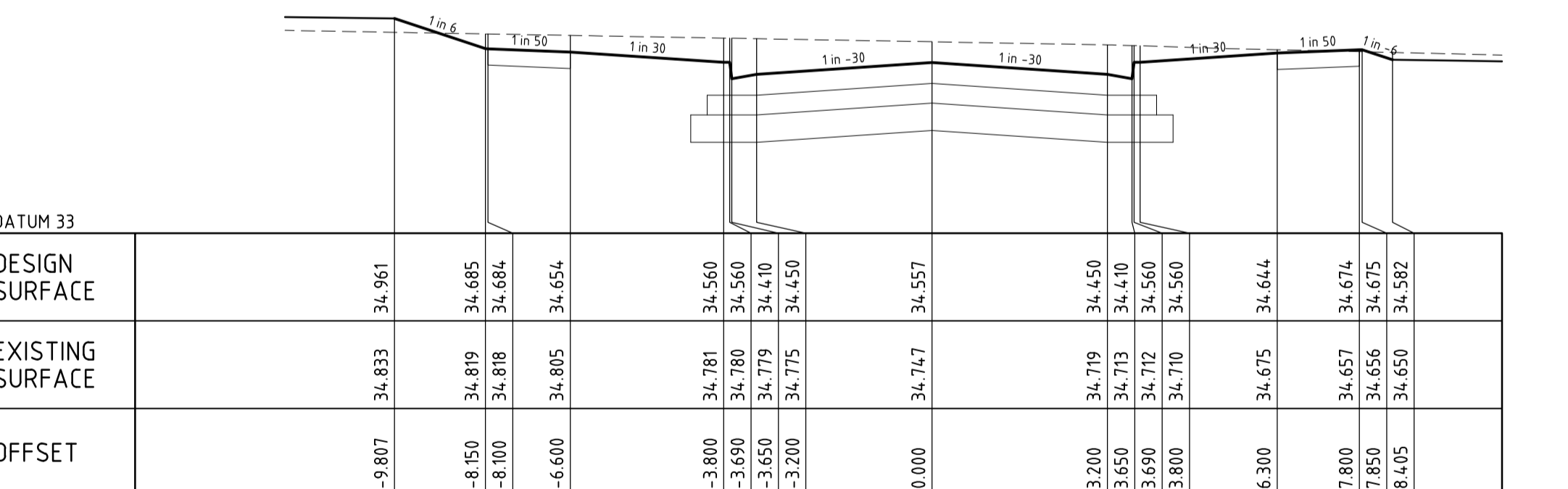
H 1:100 V 1:50



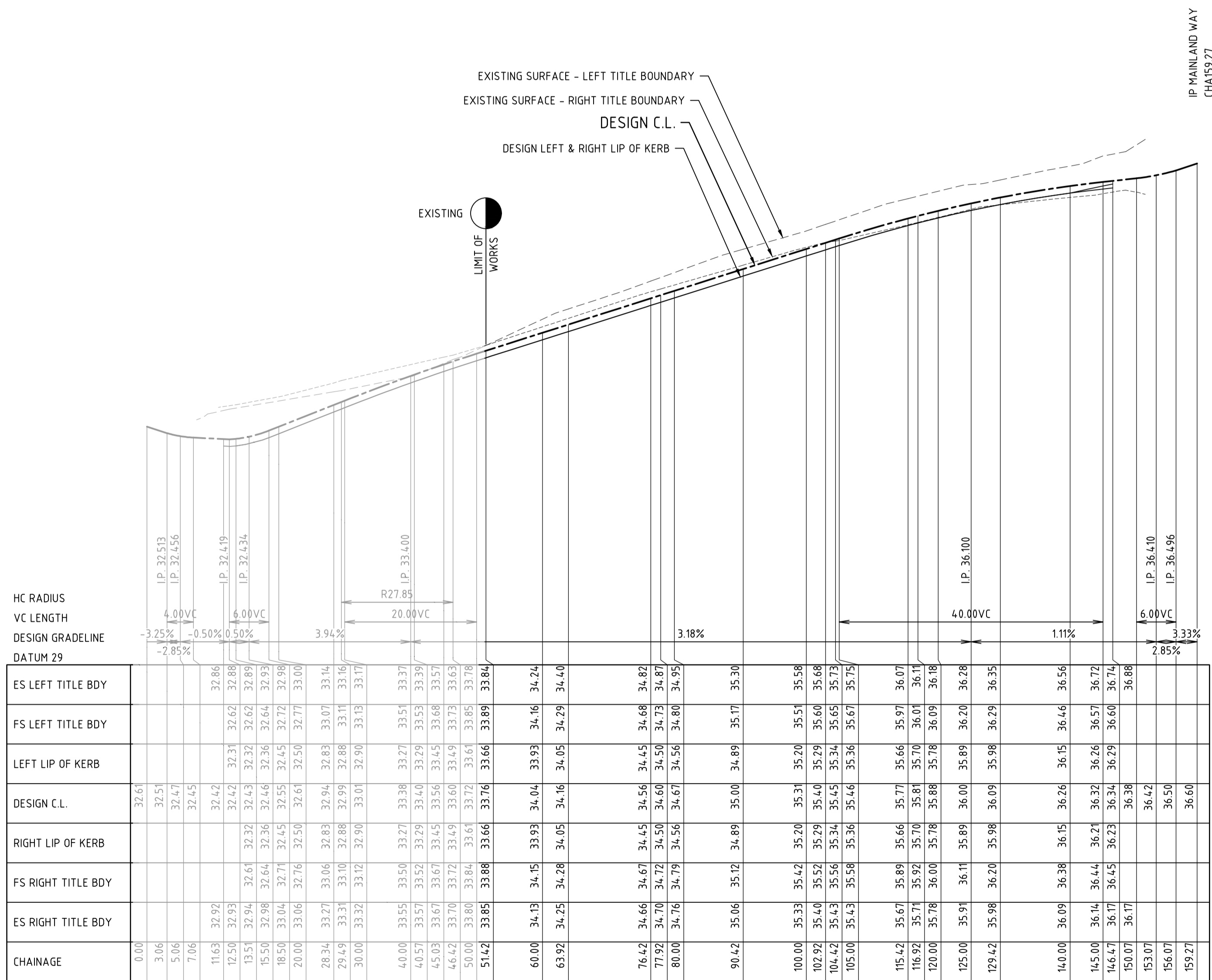
CHA 129.420



CHA 102.920



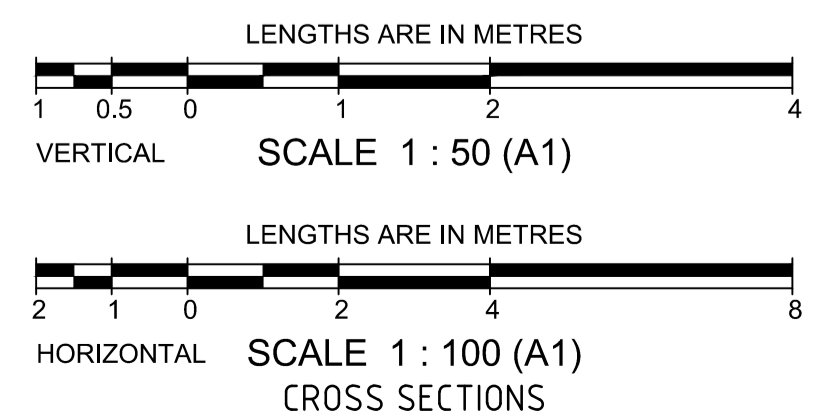
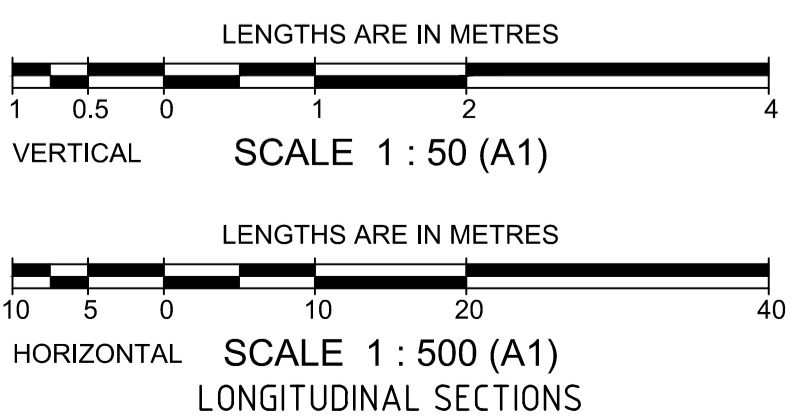
CHA 76.420



LONGITUDINAL SECTION (Rd14)

H 1:500 V 1:50

AGATHA WAY



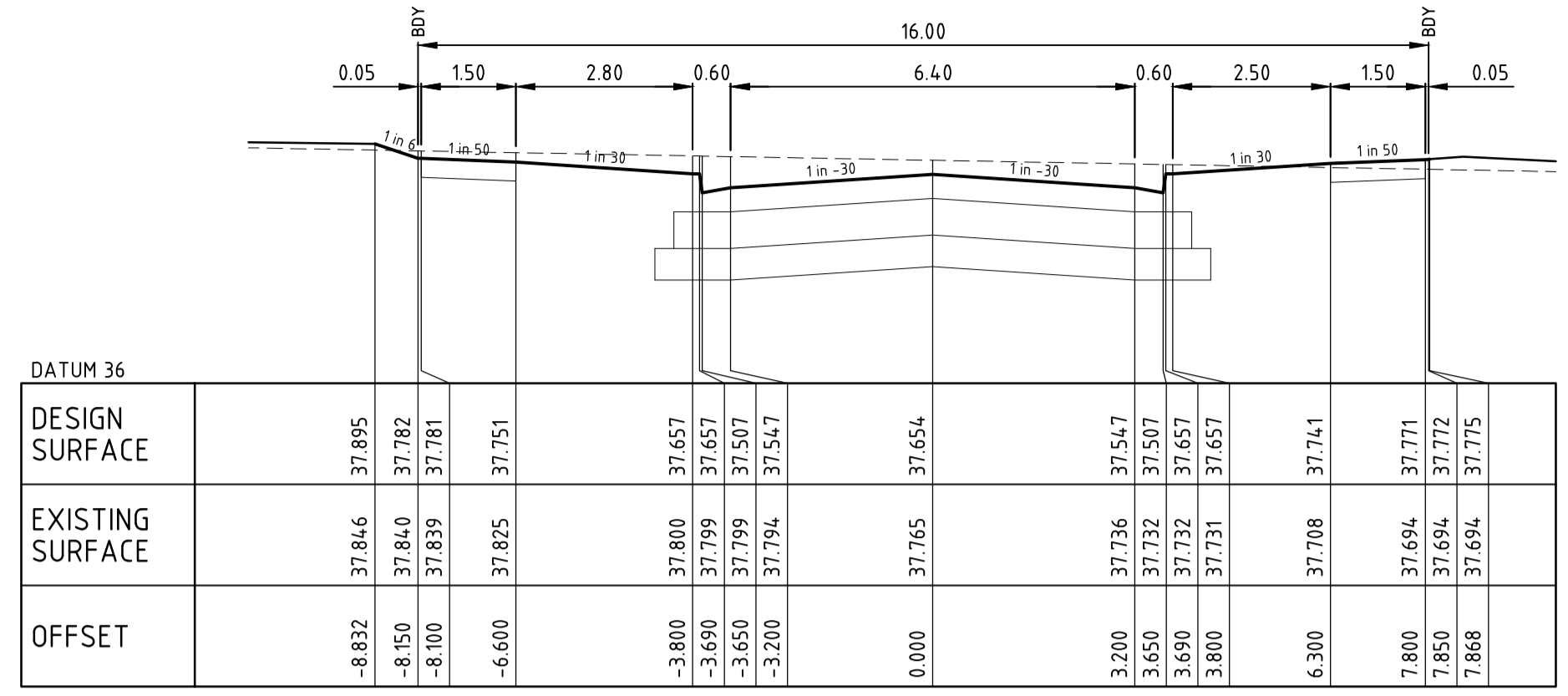
FILL AREAS TO BE
COMPACTED TO 98% SDDR
TO ACHIEVE MIN CBR OF 2%

AS CONSTRUCTED

		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 204-G-8		CORNERSTONE ESTATE STAGE 17 AGATHA WAY		MUNICIPALITY WYNDHAM	
SURVEY BPD		DESIGN BPD		REFERENCE 8890 E/17	
DRAWN DG		CHECKED C.HAGEN		SCALE As Shown DATUM AHD DATE Nov'20 SHEET 7 OF 16	
AMENDMENTS		VER. DATE 27/4/21 ISSUED FOR CONSTRUCTION		REMARKS	

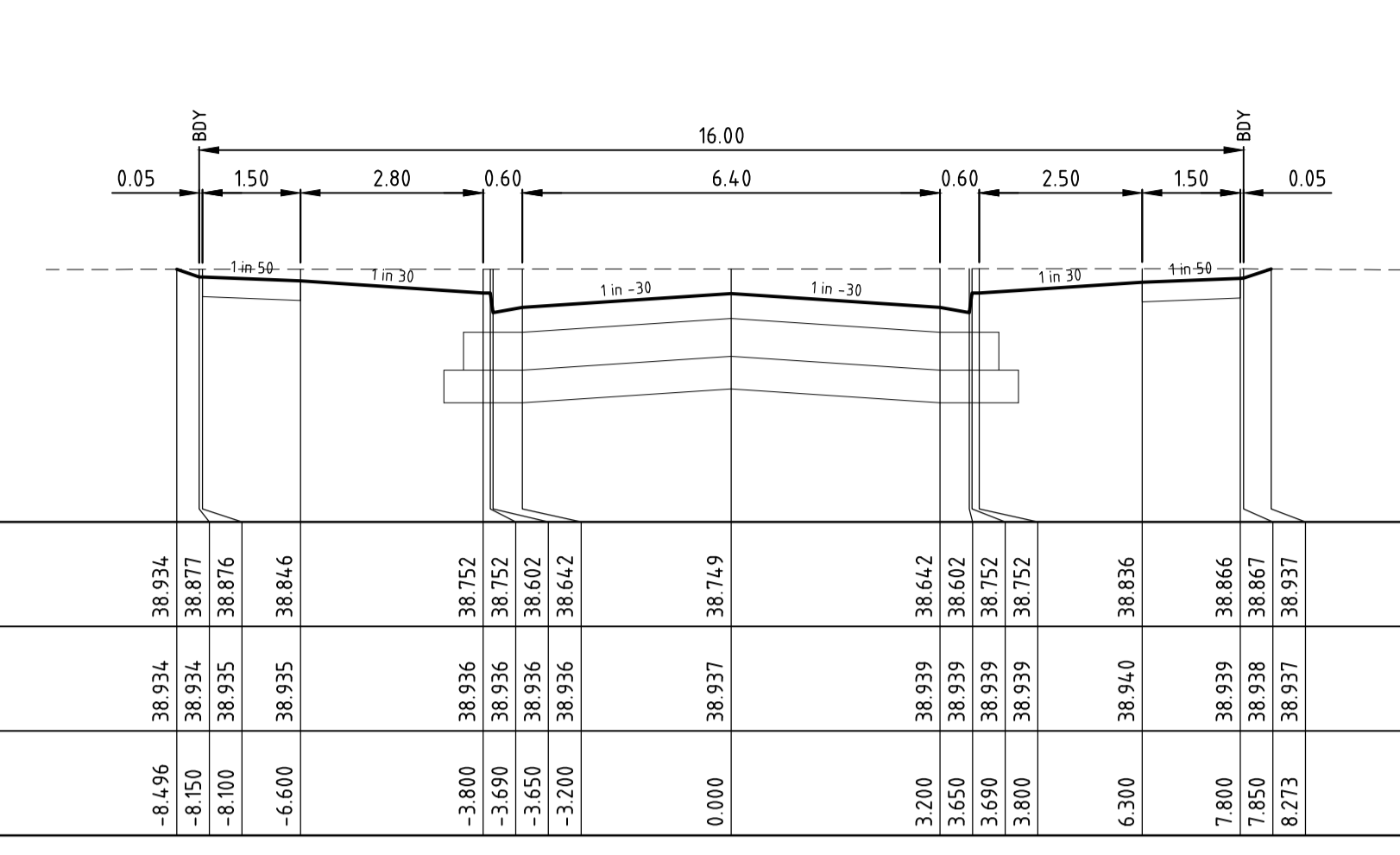
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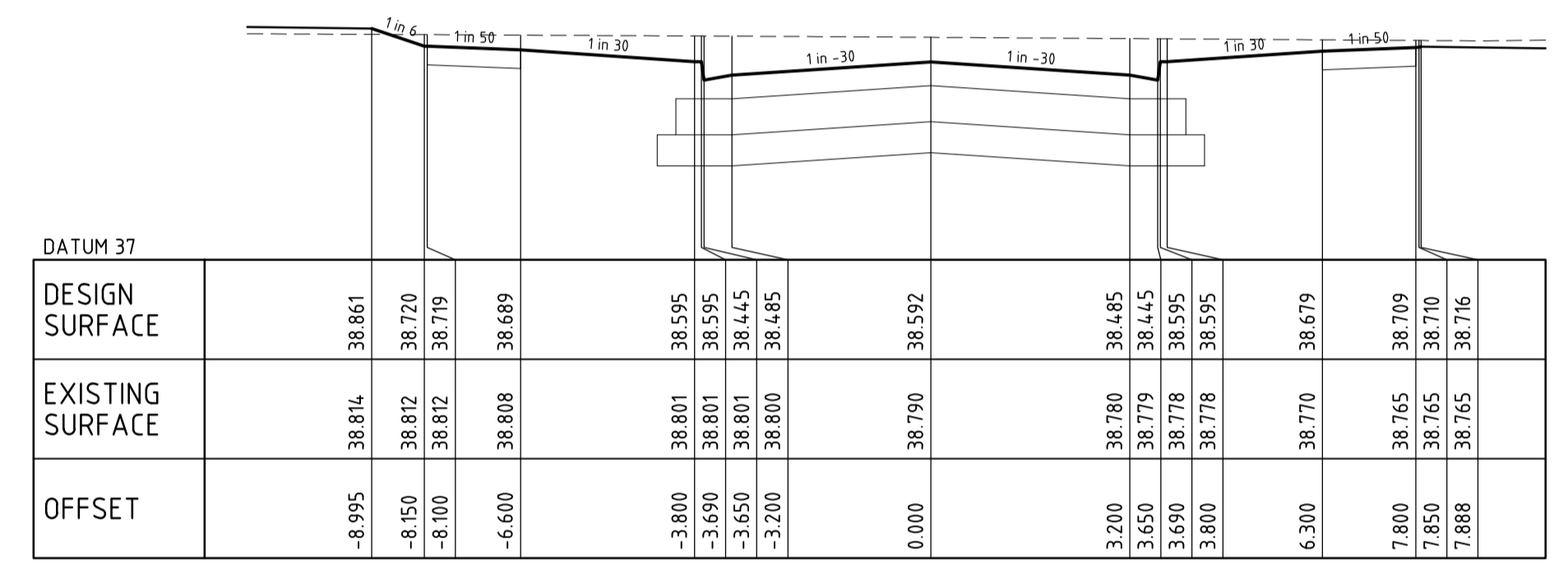


CHA 136.220

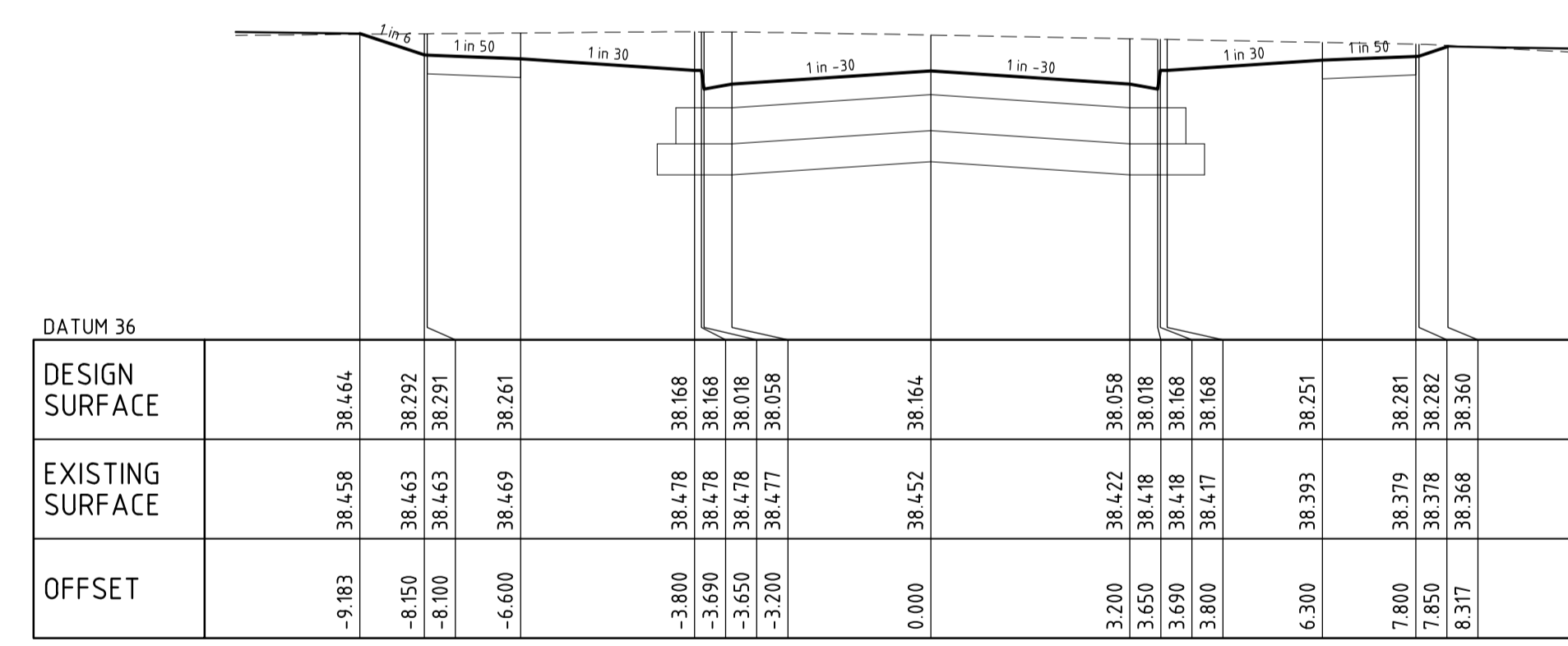
CROSS SECTIONS (Rd15)
H 1:100 V 1:50



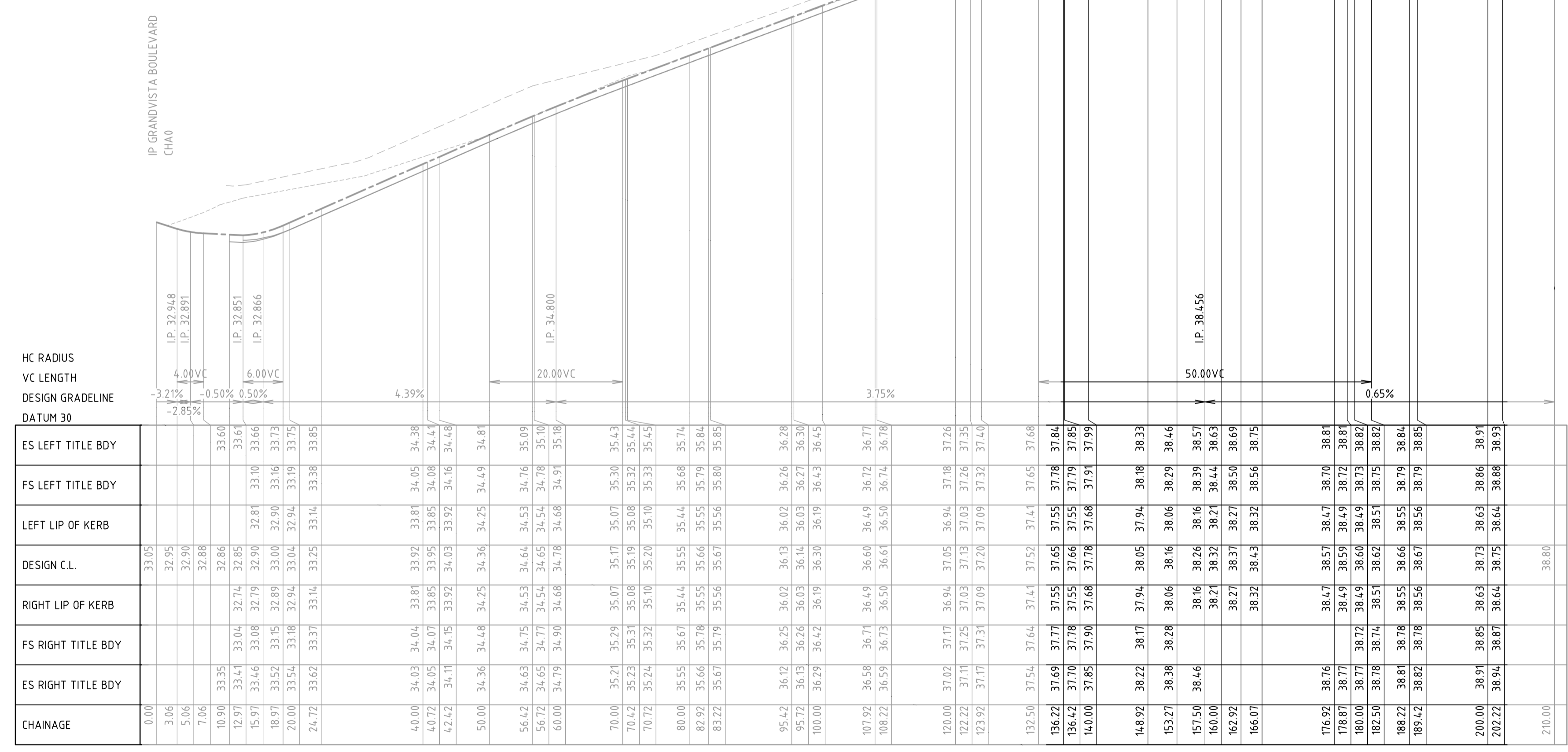
CHA 202.220



CHA 178.873

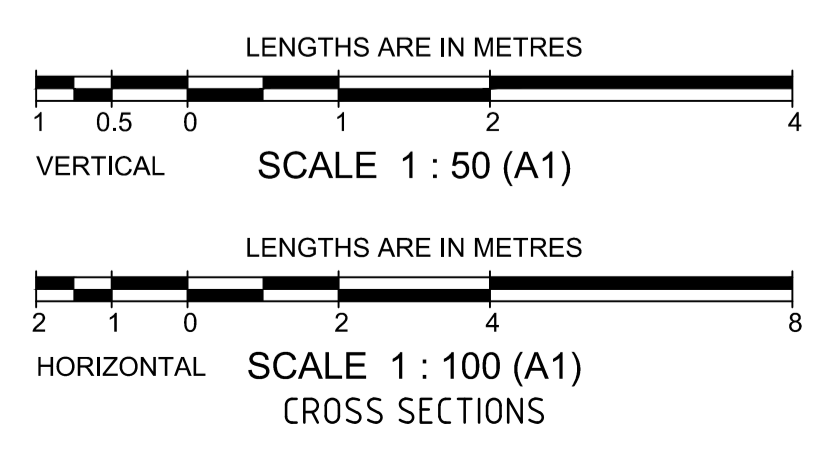
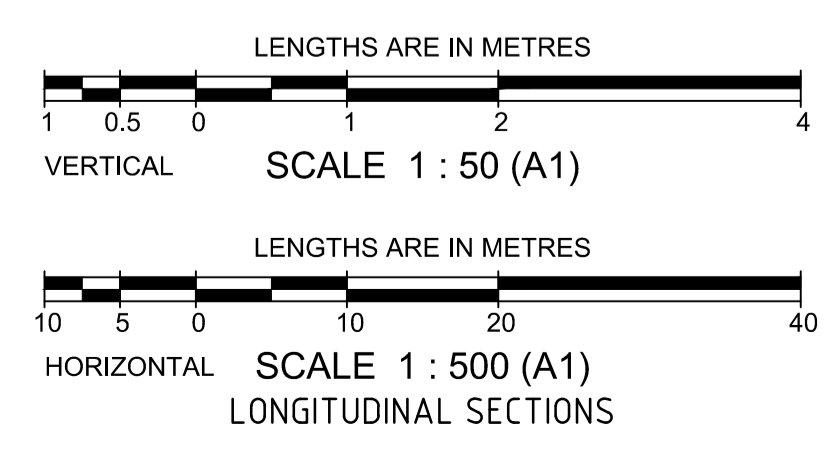


CHA 153.273



LONGITUDINAL SECTION (Rd15)
H 1:500 V 1:50

RYEBANK AVENUE

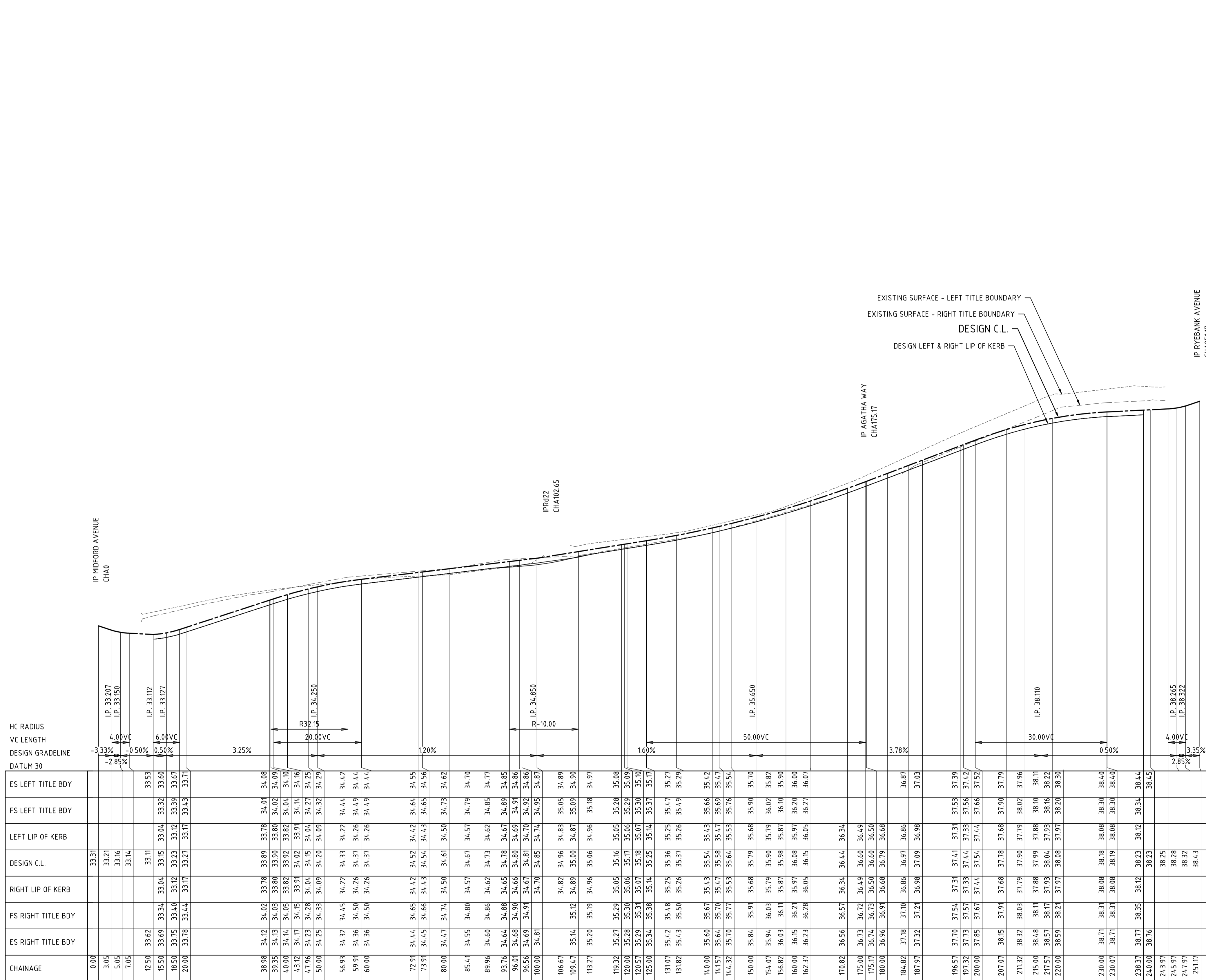


AS CONSTRUCTED

		breese pitt dixon Pty. Ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 204-G-8 SURVEY BPD DESIGN BPD DRAWN DG		CORNERSTONE ESTATE STAGE 17 RYEBANK AVENUE		MUNICIPALITY WYNDHAM REFERENCE 8890 E/17	
AMENDMENTS A 27/4/21 ISSUED FOR CONSTRUCTION		CHECKED C.HAGEN		SCALE As Shown DATUM AHD DATE Nov'20 SHEET 8 OF 16	

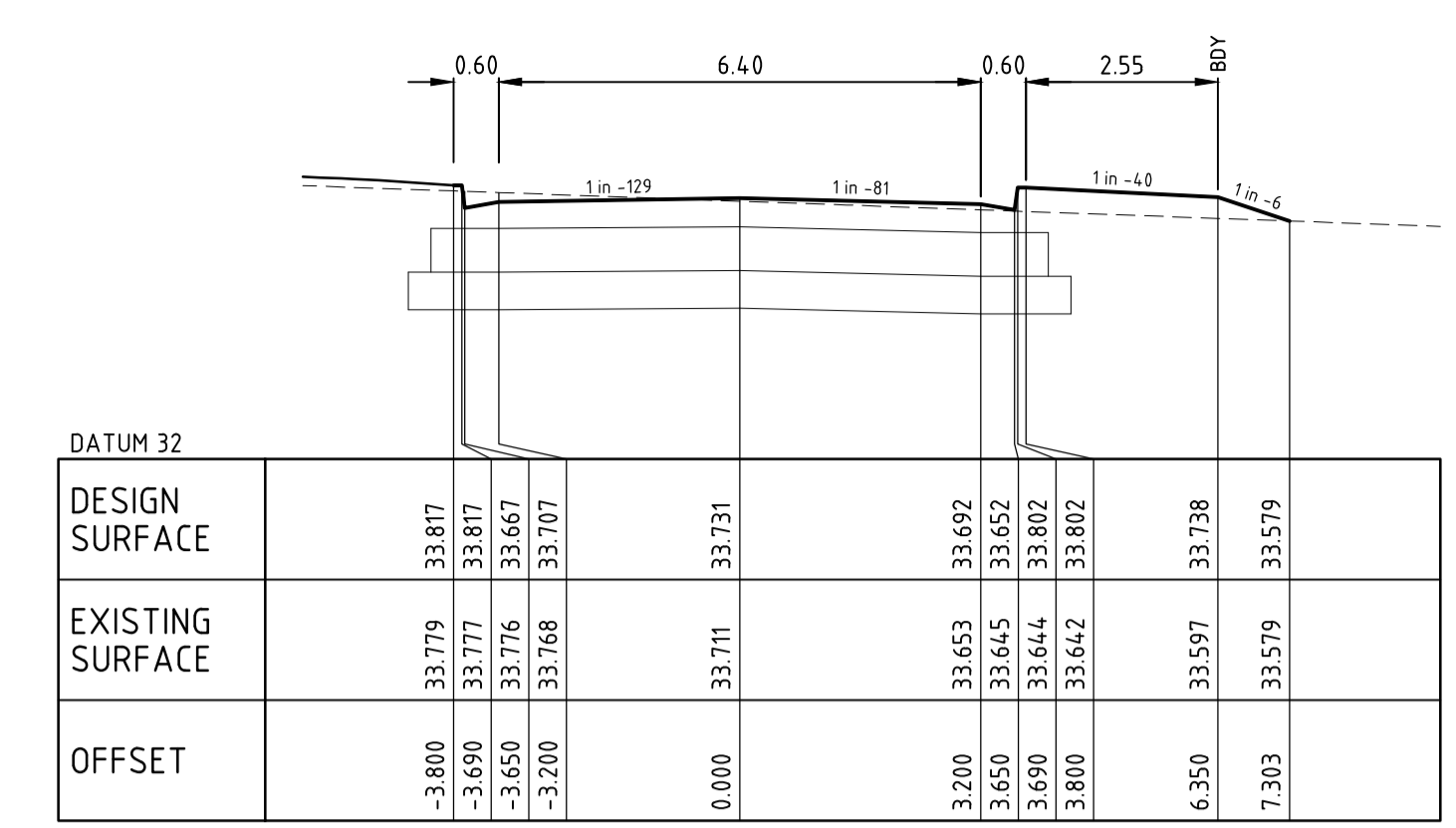
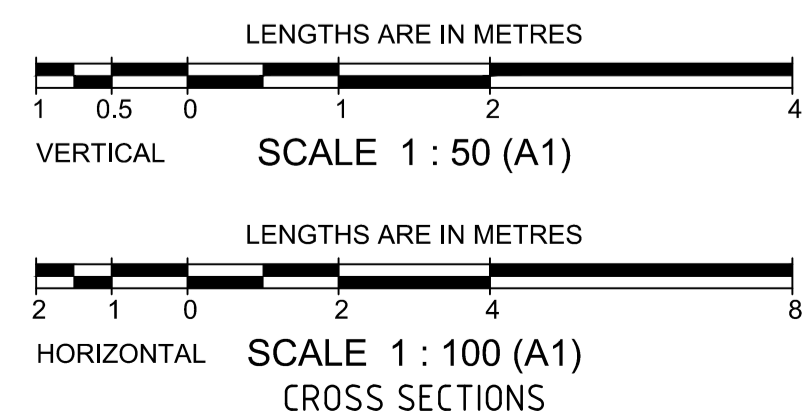
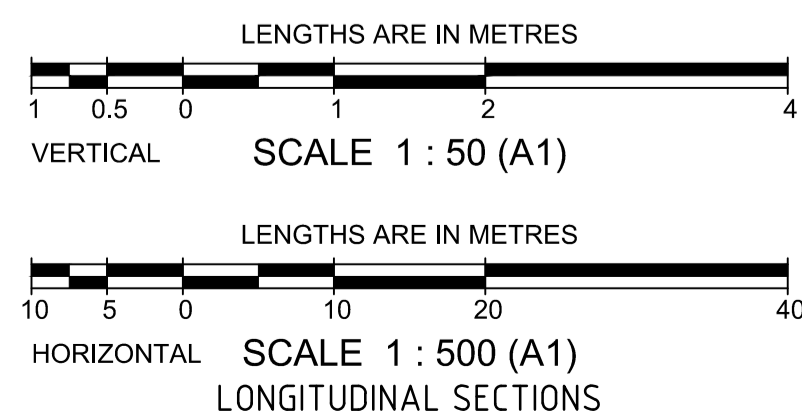
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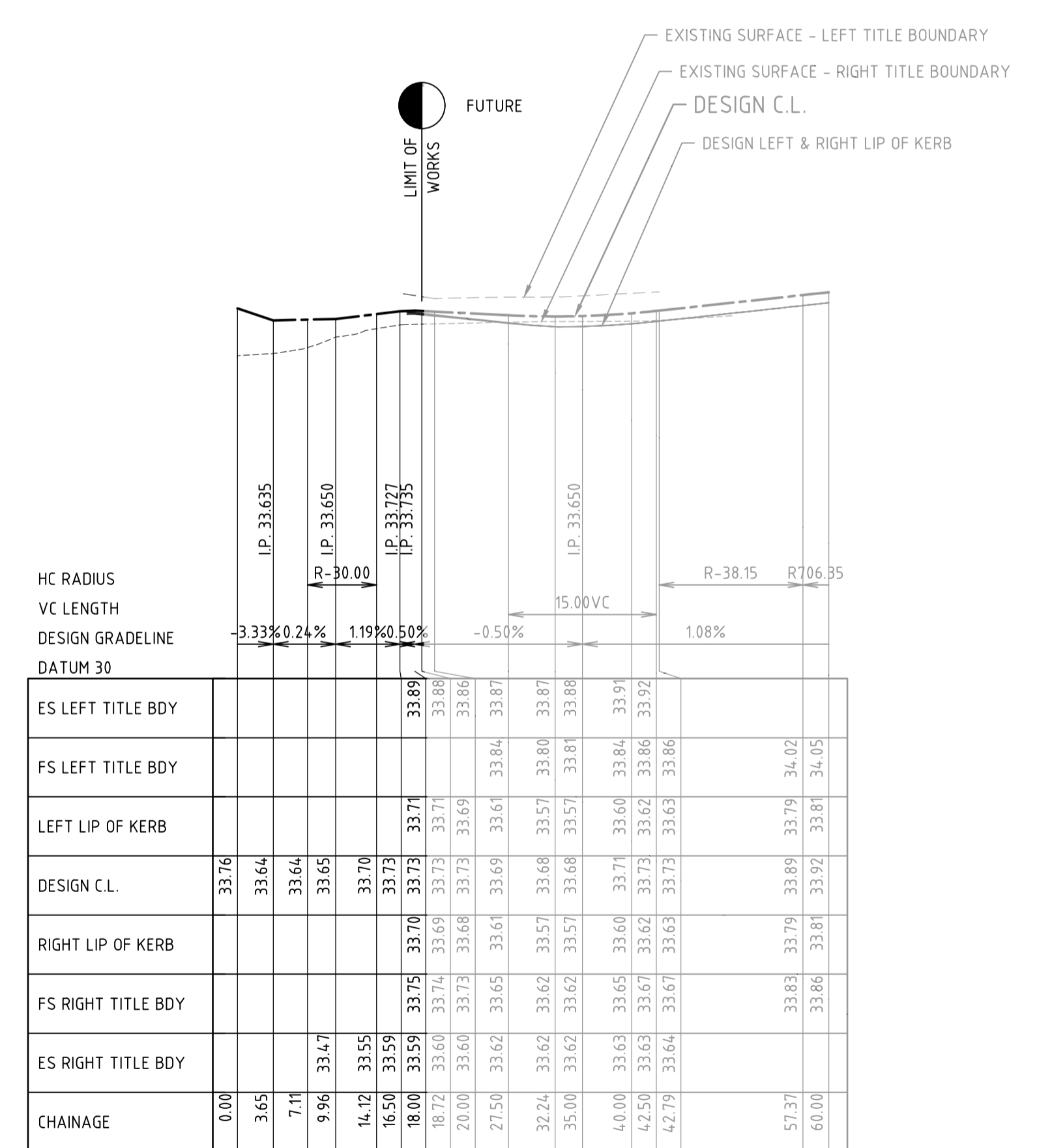
LONGITUDINAL SECTION (Rd21)
H 1:500 V 1:50

MAINLAND WAY / PORTER STREET



CHA 18.719

CROSS SECTIONS (Rd20)
H 1:100 V 1:50
SPRINGHURST AVENUE



LONGITUDINAL SECTION (Rd20)
H 1:500 V 1:50

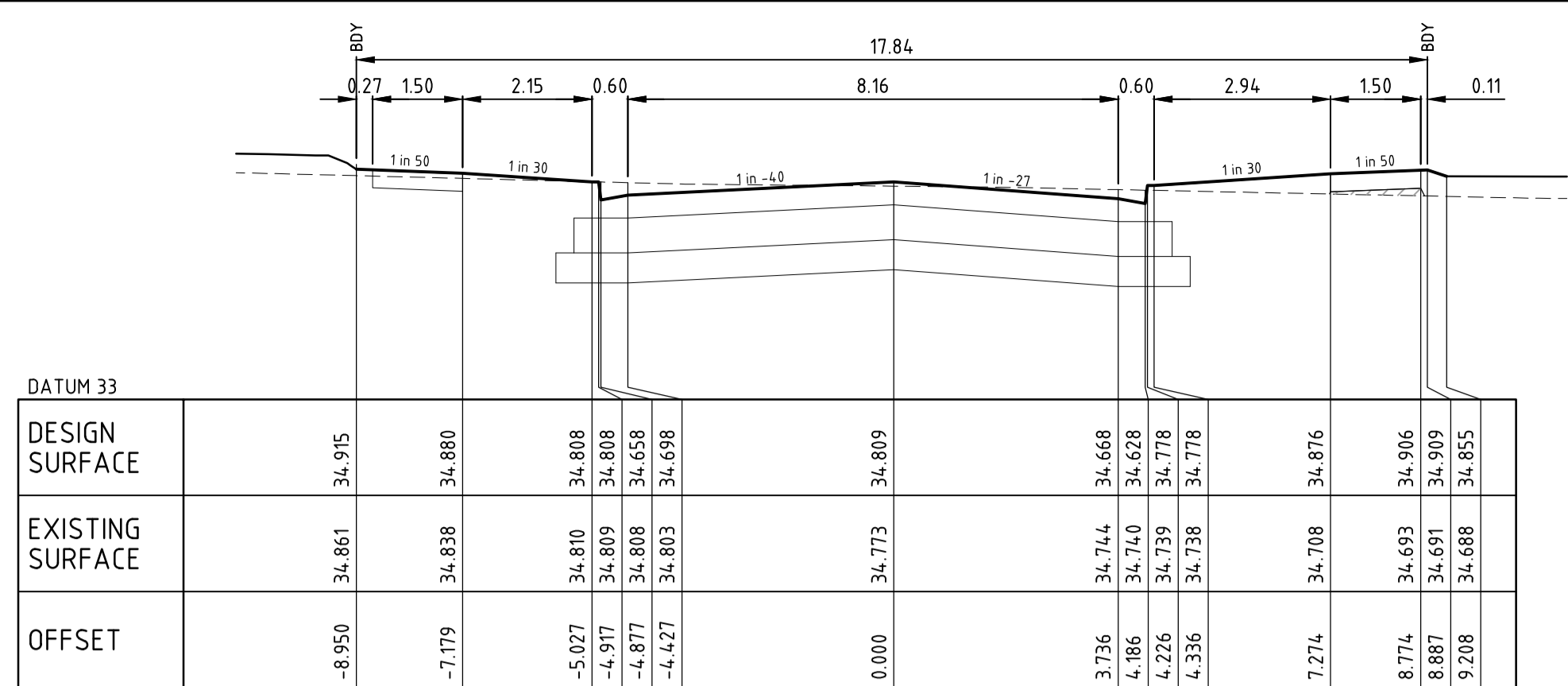
SPRINGHURST AVENUE

AS CONSTRUCTED

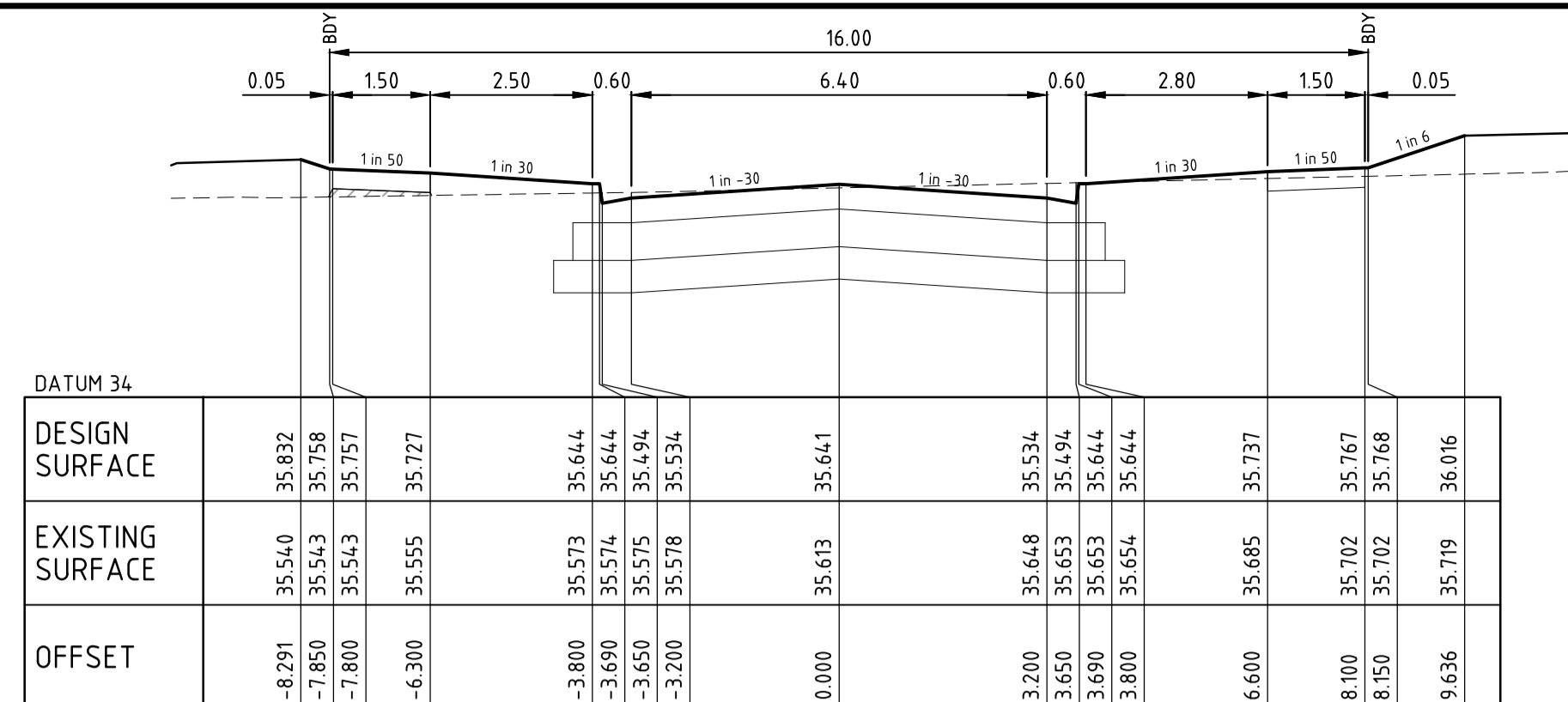
MELWAY REF. 204-G-8		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
SURVEY BPD		CORNERSTONE ESTATE STAGE 17		MUNICIPALITY WYNDHAM
DESIGN BPD		MAINLAND WAY / PORTER STREET, SPRINGHURST AVE		REFERENCE 8890 E/17
DRAWN DG		SCALE As Shown	DATUM AHD	DATE Nov'20
CHECKED C.HAGEN		SHEET 9 OF 16		A

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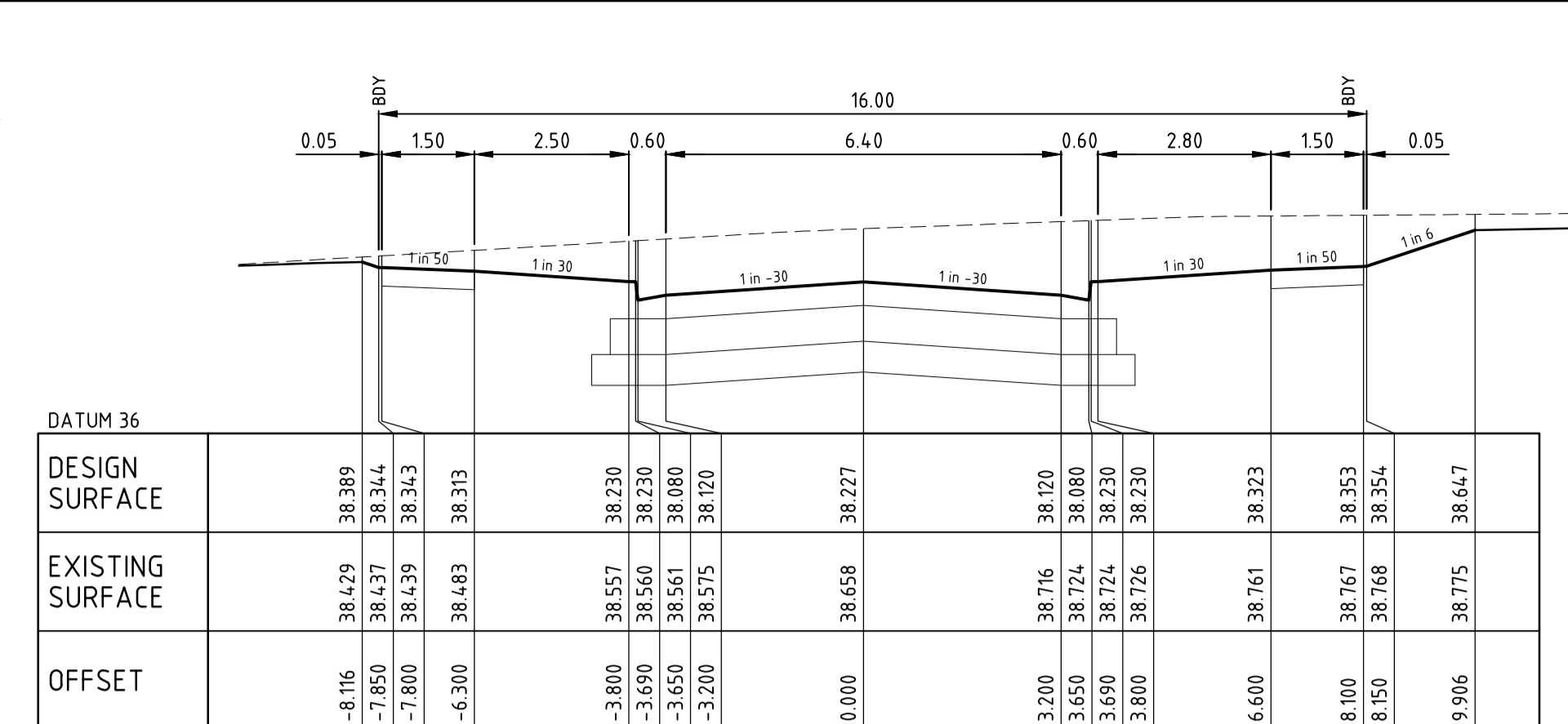
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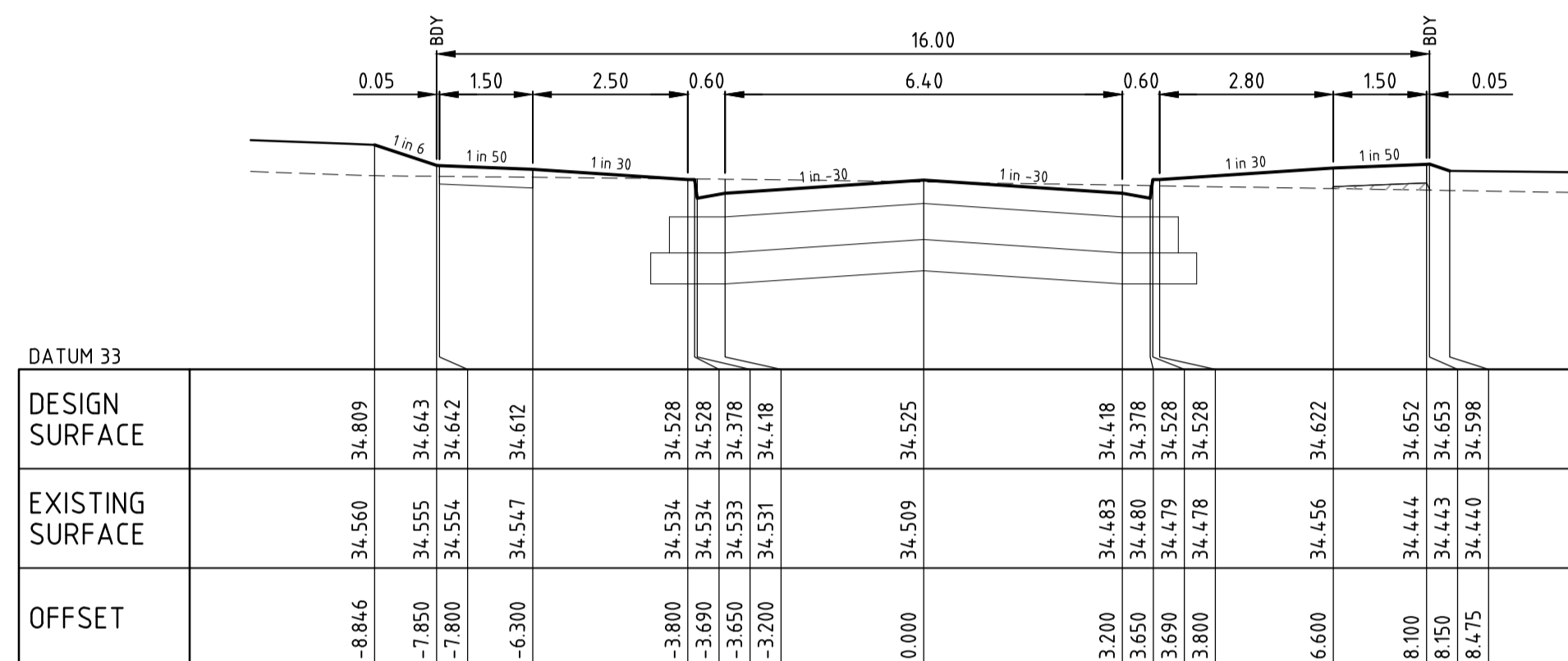
CHA 96.564



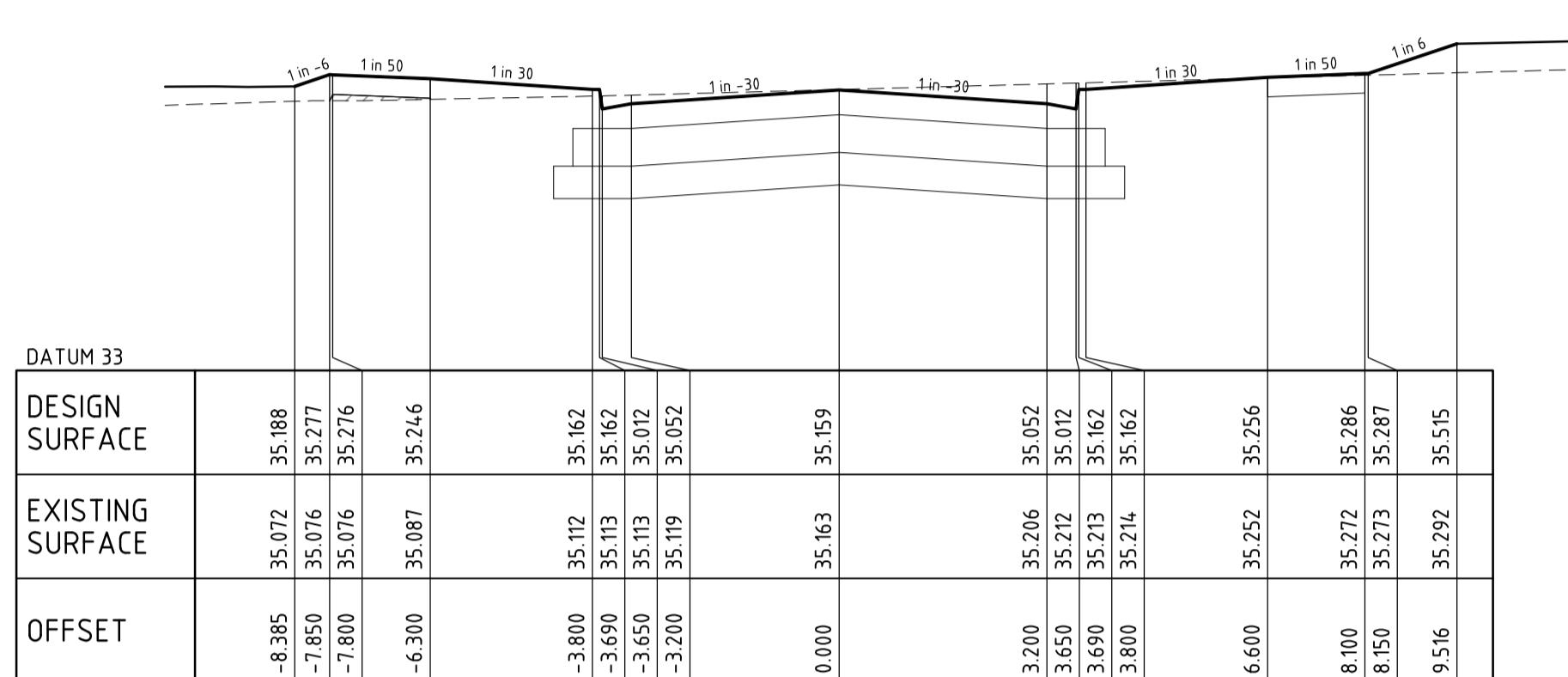
CHA 144.320



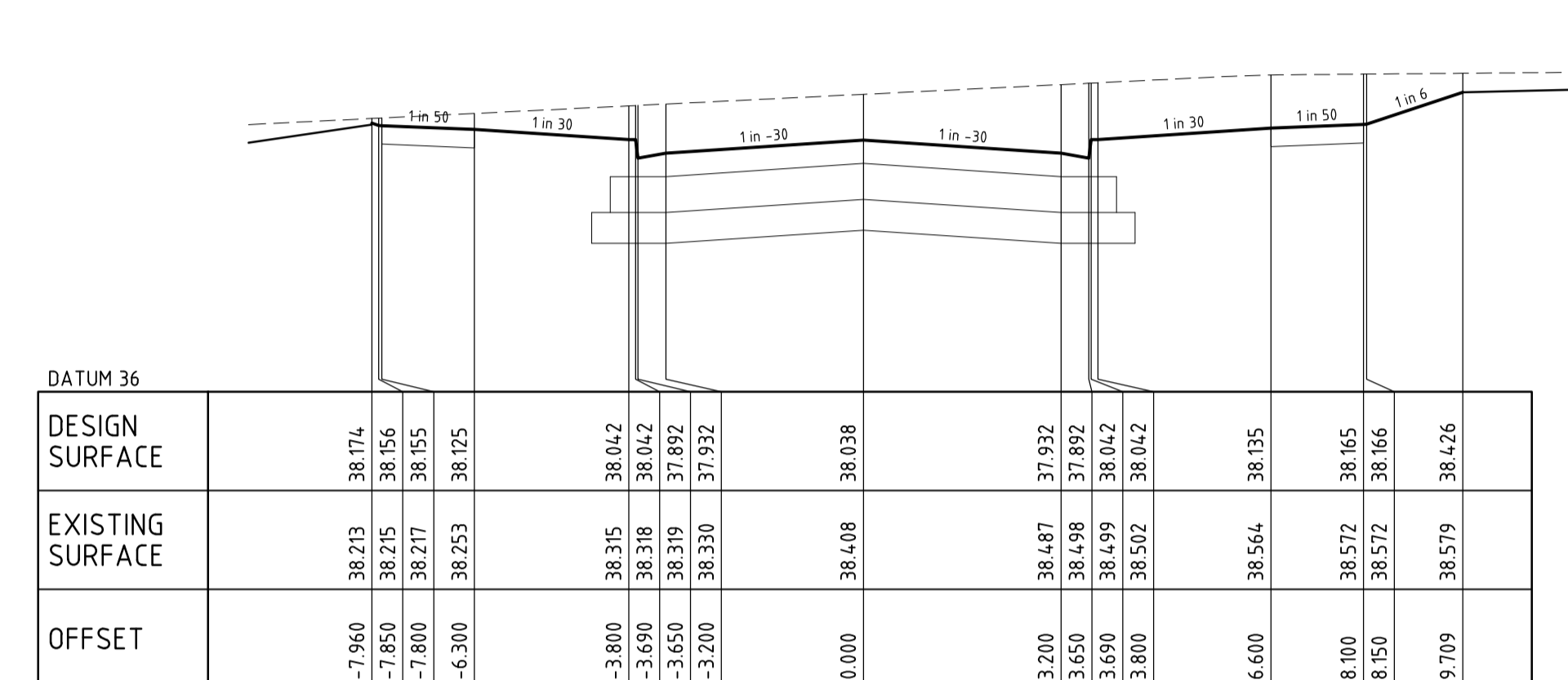
CHA 238.368



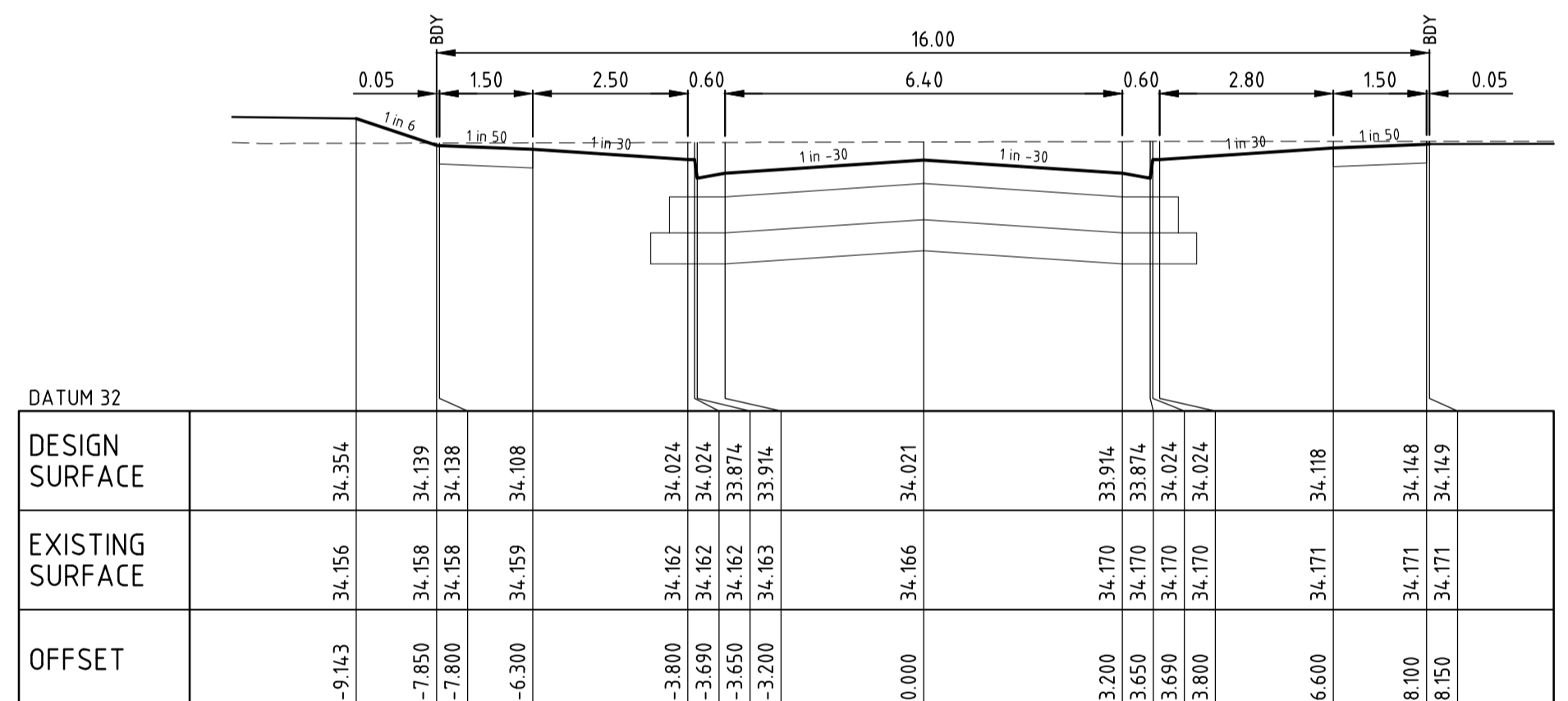
CHA 72.910



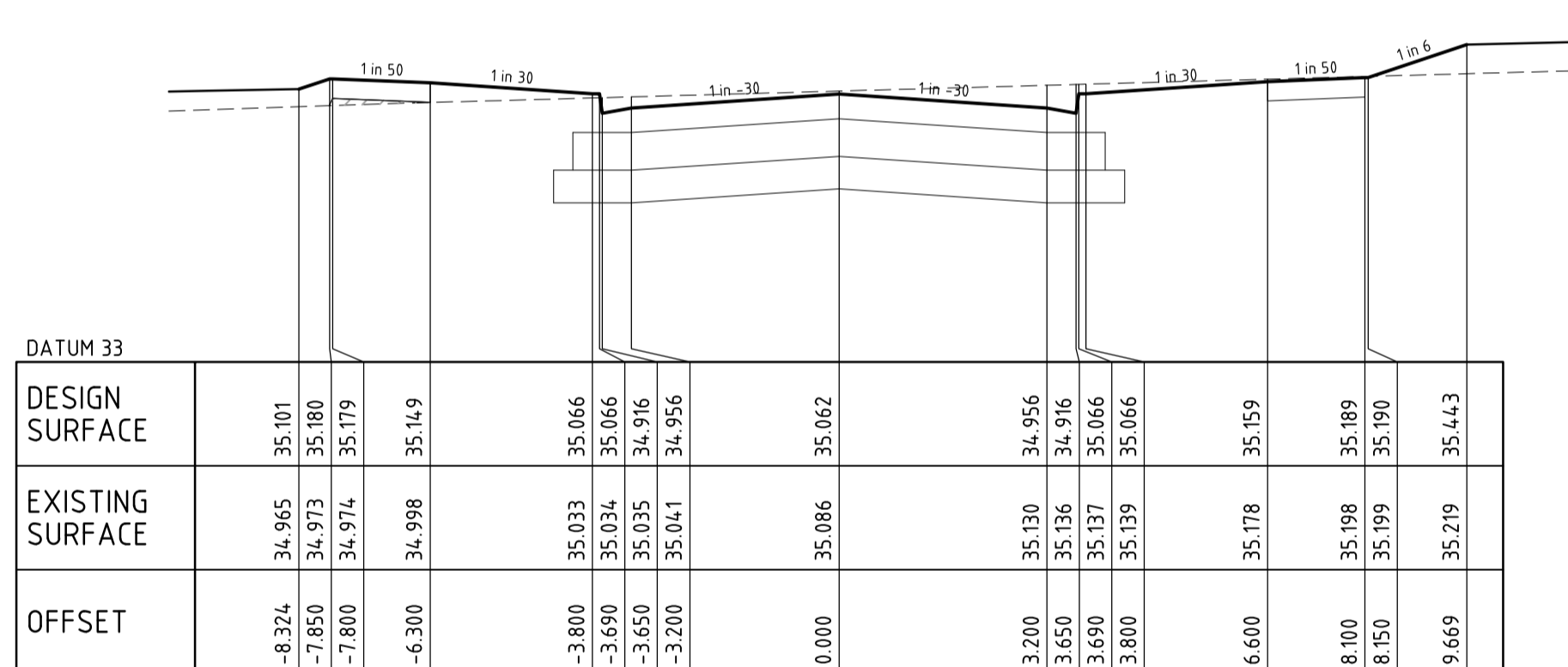
CHA 119.320



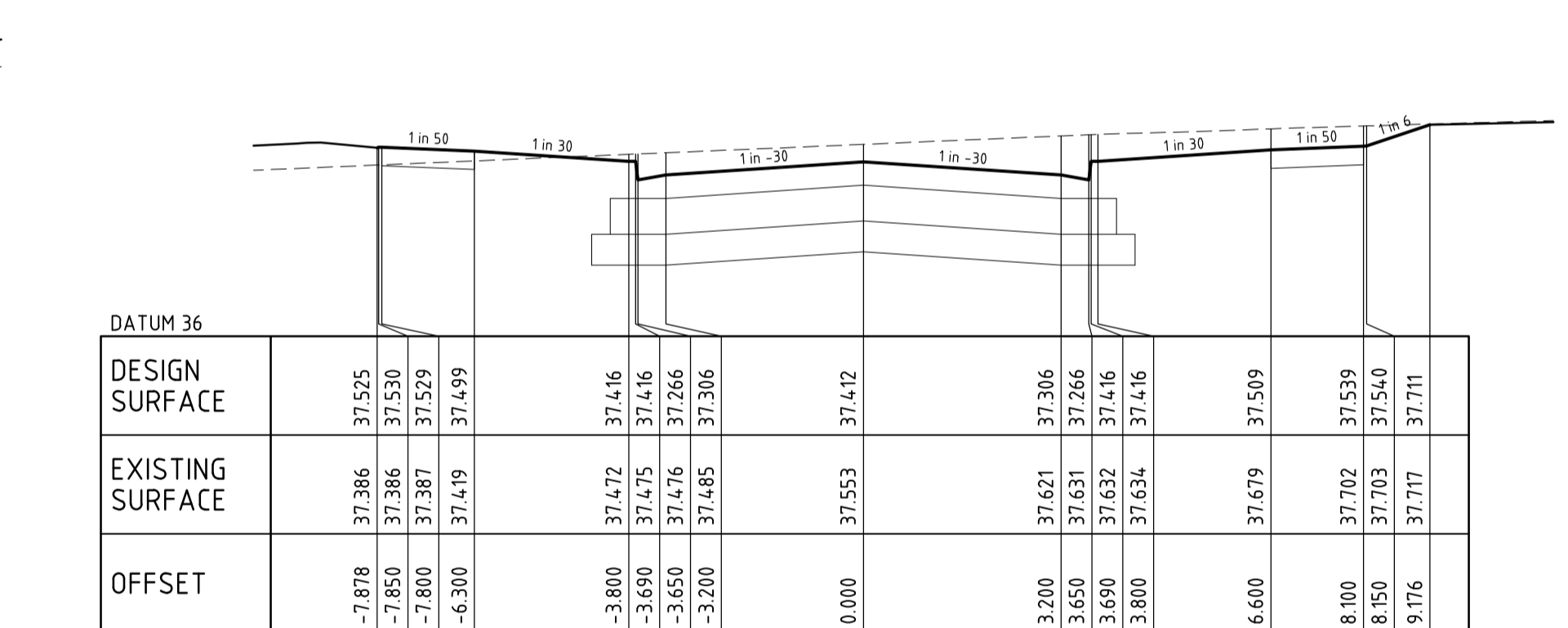
CHA 217.570



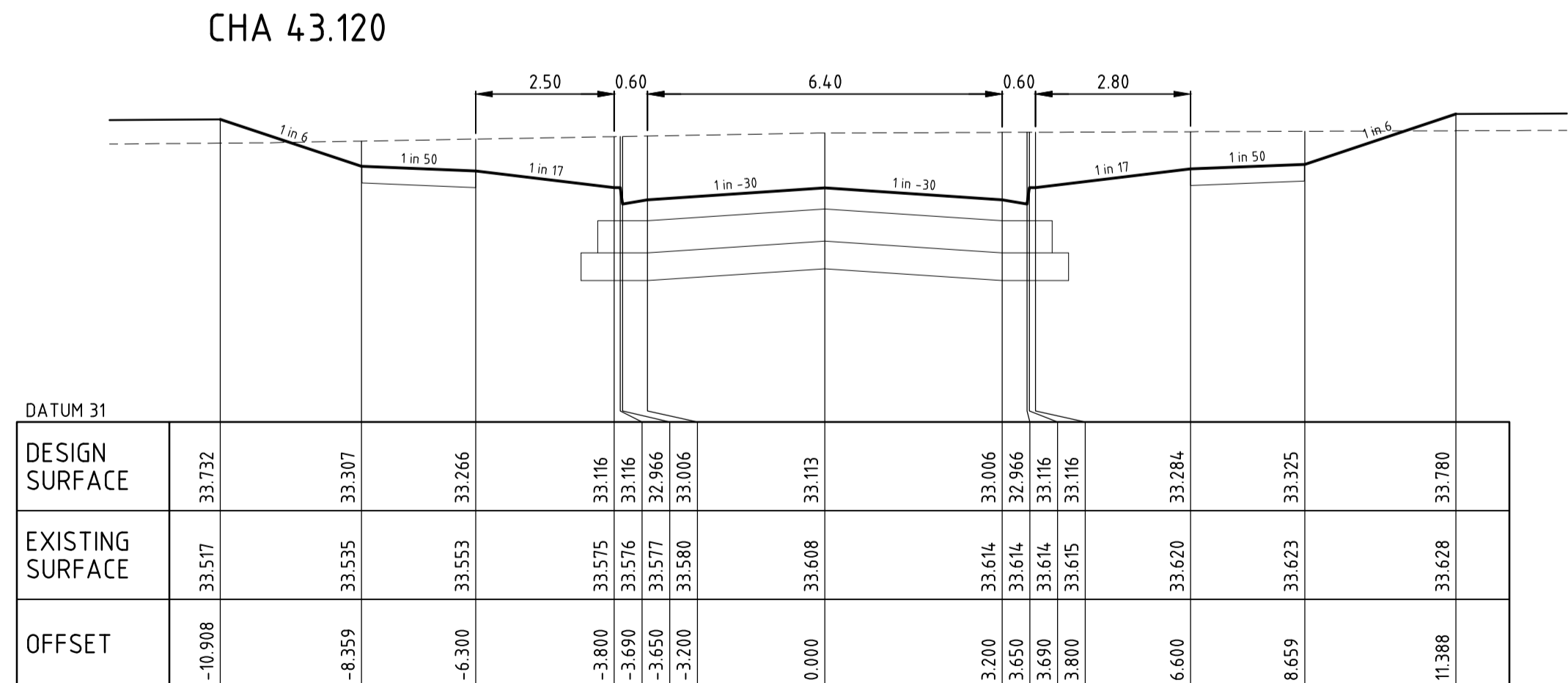
CHA 43.120



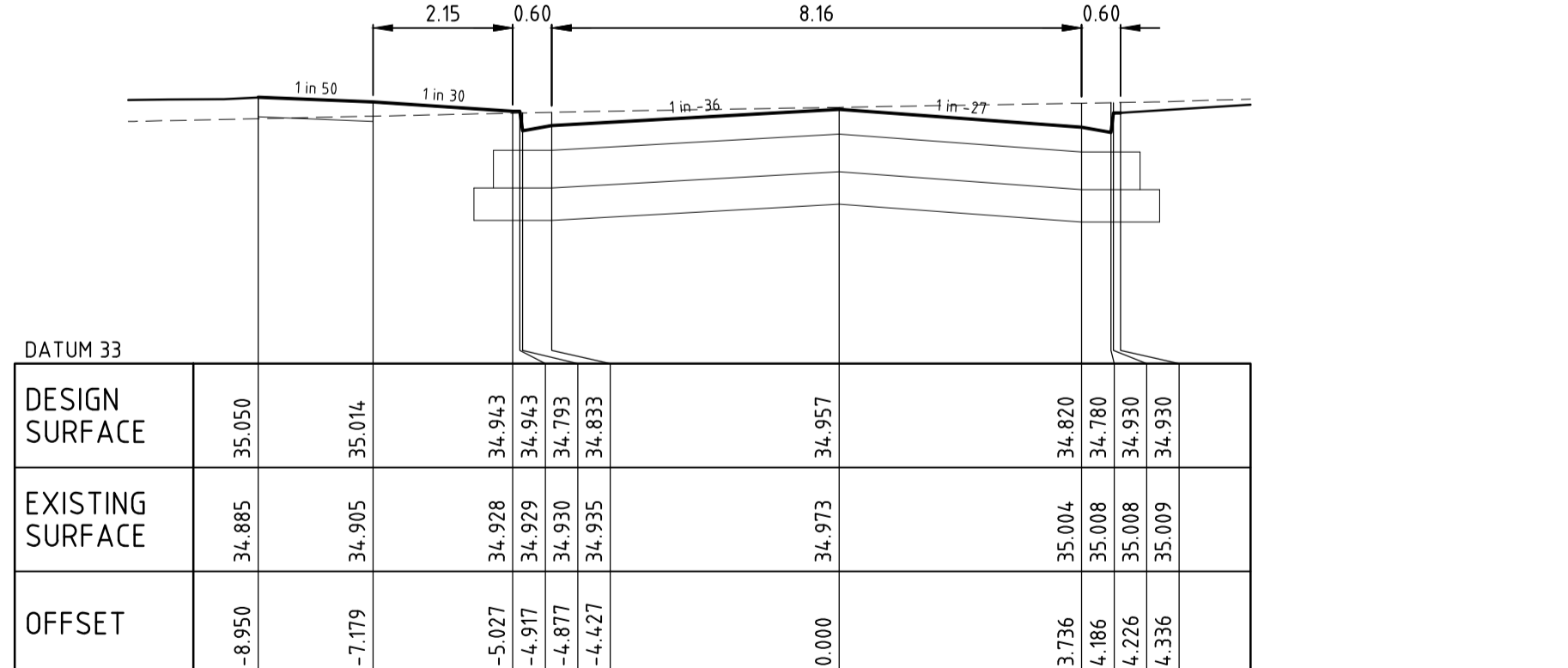
CHA 113.268



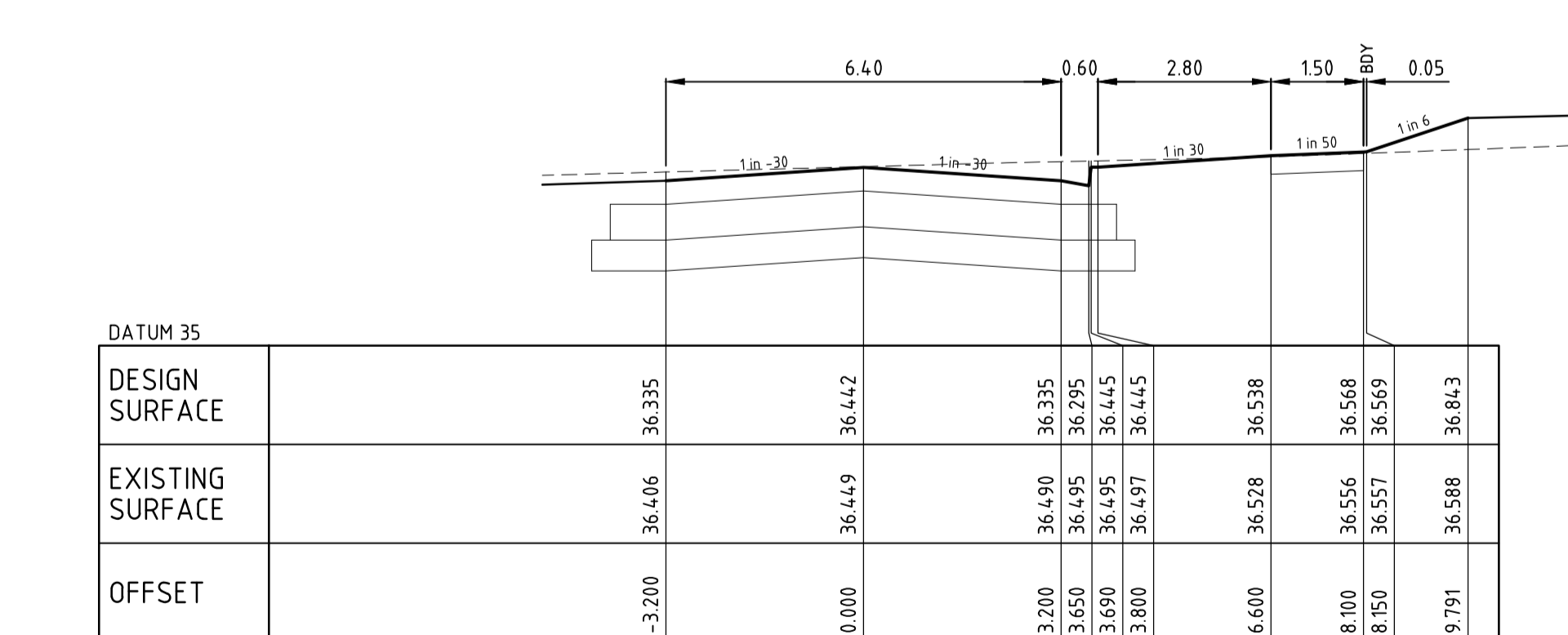
CHA 196.570



CHA 12.540



CHA 106.665



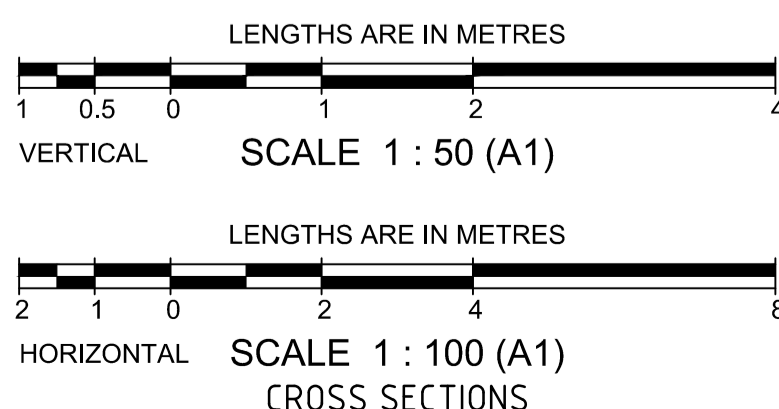
CHA 170.820

CROSS SECTIONS (Rd21)

H:1:100 V:1:50

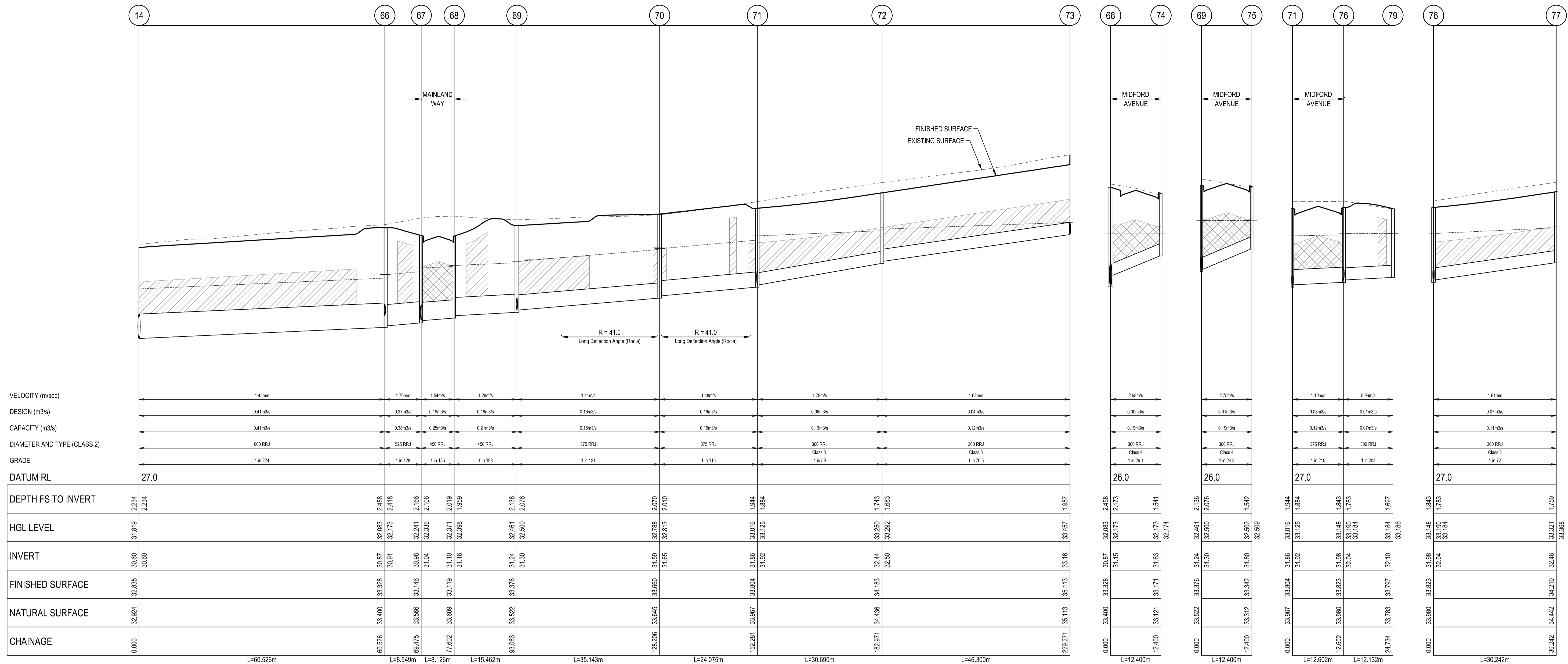
MAINLAND WAY / PORTER STREET

FILL AREAS TO BE COMPACTED TO 98% SDDR TO ACHIEVE MIN CBR OF 2%



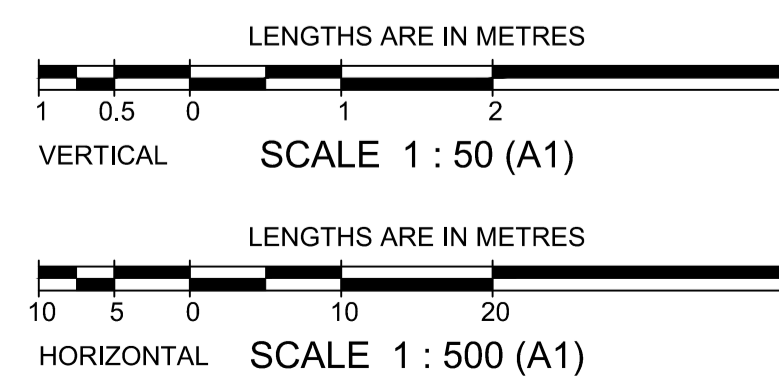
AS CONSTRUCTED

MELWAY REF. 204-G-8		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
SURVEY BPD		CORNERSTONE ESTATE STAGE 17		MUNICIPALITY WYNDHAM	
DESIGN BPD		MAINLAND WAY / PORTER STREET		REFERENCE 8890 E/17	
DRAWN DG		SCALE As Shown		DATE Nov'20	
CHECKED C.HAGEN		DATUM AHD		SHEET 10 OF 16	
AMENDMENTS	DATE	ISSUED FOR CONSTRUCTION	REMARKS		
A	27/4/21	ISSUED FOR CONSTRUCTION			



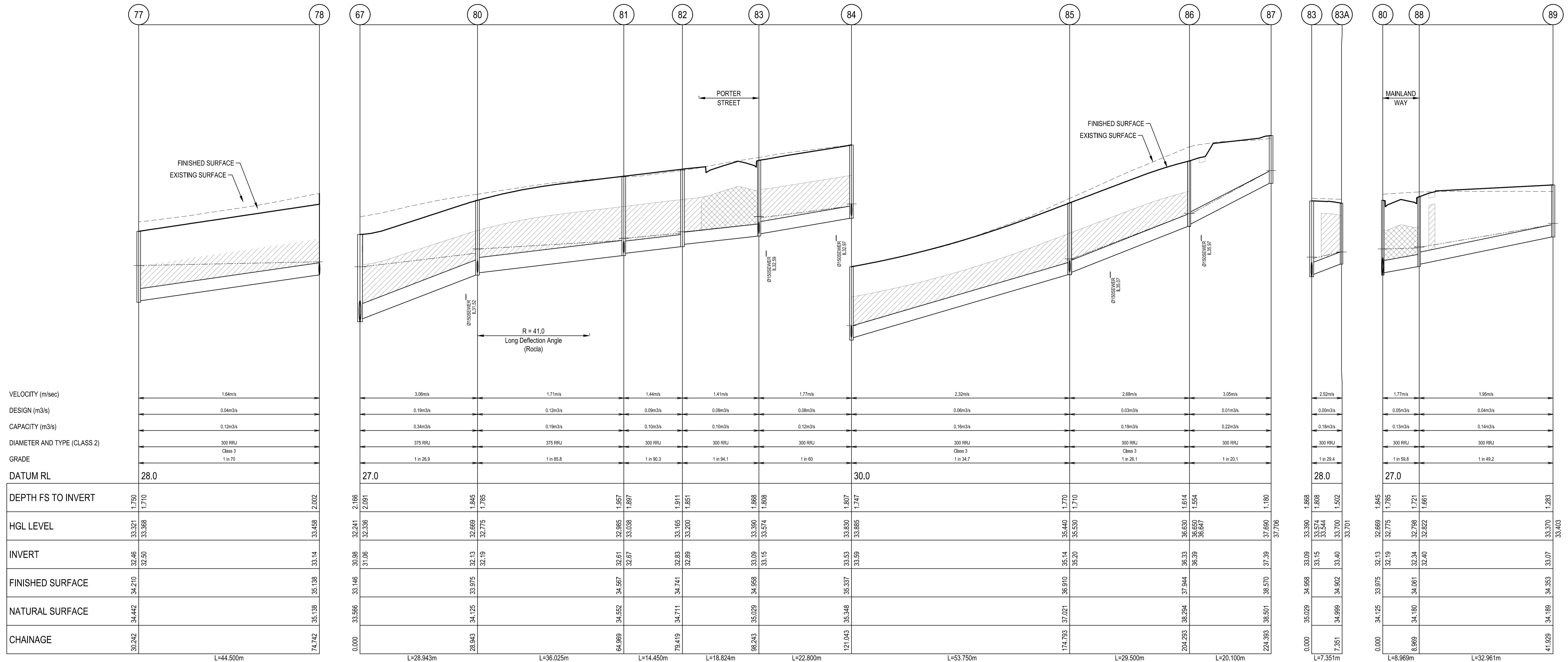
LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- - - - - HYDRAULIC GRADE LINE (5yr)
- ▨ DENOTES CLASS 3 CRUSHED ROCK BACKFILL
- IN ROAD RESERVES (PAVEMENT NOT SHOWN)
- ▩ DENOTES CLASS 2 CRUSHED ROCK BACKFILL
- UNDER ROAD CROSSINGS (PAVEMENT NOT SHOWN)



AS CONSTRUCTED

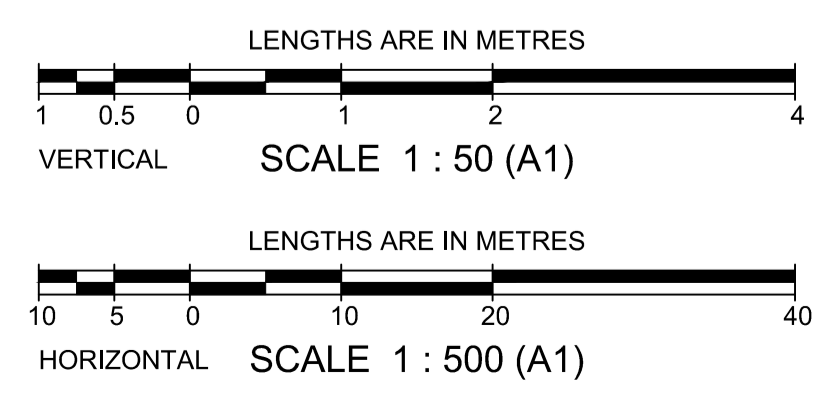
MELWAY REF. 204-G-8		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
SURVEY BPD		CORNERSTONE ESTATE STAGE 17		MUNICIPALITY WYNDHAM	
DESIGN BPD		DRAINAGE LONGITUDINAL SECTIONS - SHEET 1		REFERENCE 8890 E/17	
DRAWN DG		SCALE As Shown	DATUM AHD	DATE Nov'20	SHEET 11 OF 16
VER. A	DATE 27/4/21	ISSUED FOR CONSTRUCTION	CHECKED C.HAGEN		



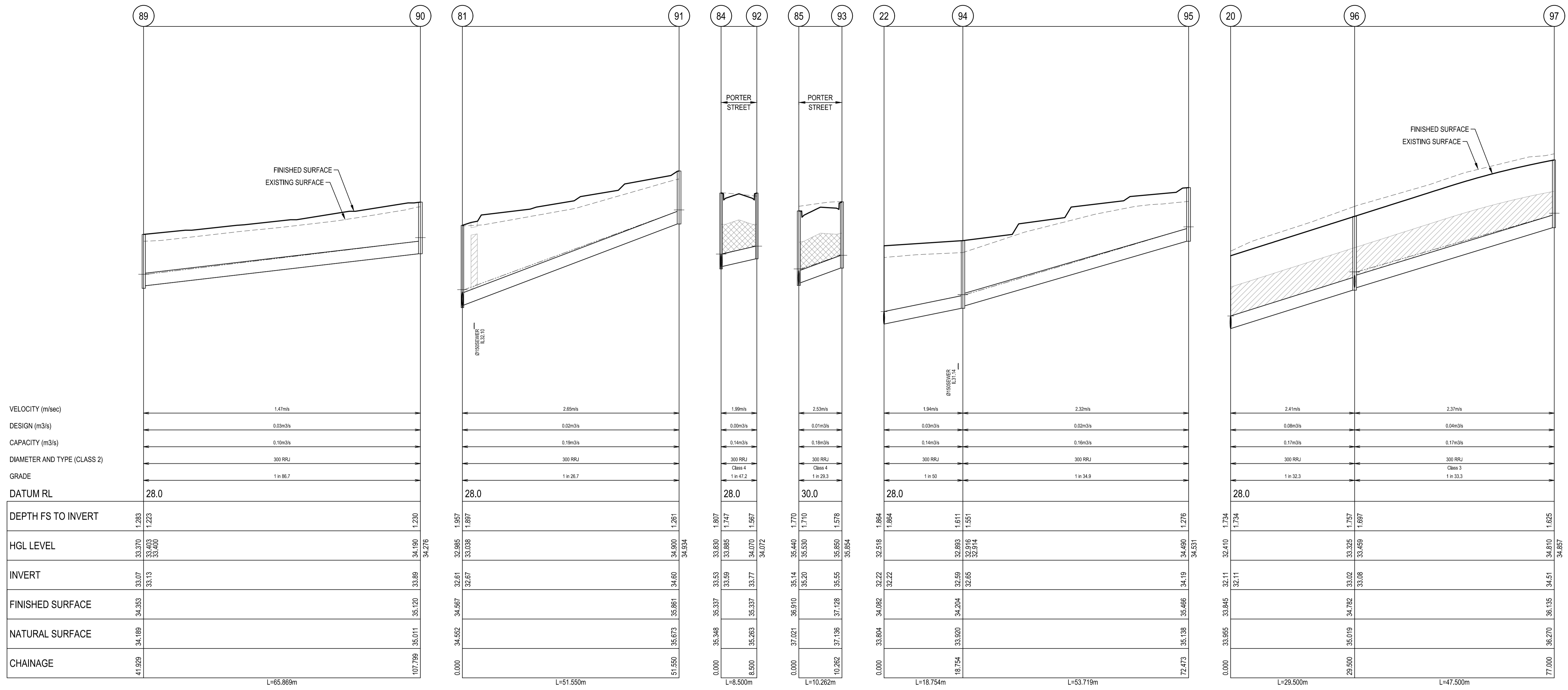
LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- HYDRAULIC GRADE LINE (5yr)
- ▨ DENOTES CLASS 3 CRUSHED ROCK BACKFILL - IN ROAD RESERVES (PAVEMENT NOT SHOWN)
- ▩ DENOTES CLASS 2 CRUSHED ROCK BACKFILL - UNDER ROAD CROSSINGS (PAVEMENT NOT SHOWN)

AS CONSTRUCTED



		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 204-G-8 SURVEY BPD DESIGN BPD DRAWN DG		CORNERSTONE ESTATE STAGE 17 DRAINAGE LONGITUDINAL SECTIONS - SHEET 2		MUNICIPALITY WYNDHAM REFERENCE 8890 E/17	
AMENDMENTS A 27/4/21 ISSUED FOR CONSTRUCTION	CHECKED C.HAGEN	SCALE As Shown	DATUM AHD	DATE Nov'20	SHEET 12 OF 16



DRAINAGE PIT SCHEDULE										
Cornerstone Estate - Stage 17										
PIT No	PIT TYPE	INTERNAL		INLET		OUTLET		PIT FINISHED COVER RL	PIT DEPTH	REMARKS
		WD	LEN	DIA	INV LEV	DIA	INV LEV			
14	End of Pipe	-	-	600	30.60	600	30.60	32.835	2.234	END OF PIPE
20	End of Pipe	-	-	300	32.11	300	32.11	33.845	1.734	END OF PIPE
22	End of Pipe	-	-	300	32.22	300	32.22	34.082	1.864	END OF PIPE
30	Existing Junction Pit	600	900	300	33.01	300	32.95	34.459	1.509	MPA EDCM STD DWG 605
33	End of Pipe	-	-	300	32.93	300	32.93	34.750	1.818	END OF PIPE
66	Junction Pit	1200	900	525	30.91	600	30.87	33.328	2.458	MPA EDCM STD DWG 607 (HAUNCHED), REFER NOTE 4.
67	Side Entry Pit Grated	600	1200	450	31.04	525	30.98	33.146	2.166	MPA EDCM STD DWG 601 & 605
68	Side Entry Pit Grated	600	900	450	31.16	450	31.10	33.119	2.019	MPA EDCM STD DWG 601 & 605
69	Side Entry Pit Grated	600	900	375	31.30	450	31.24	33.376	2.136	MPA EDCM STD DWG 601 & 605
70	Junction Pit	600	900	375	31.65	375	31.59	33.660	2.070	MPA EDCM STD DWG 605
71	Side Entry Pit Grated	600	900	300	31.92	375	31.86	33.804	1.944	MPA EDCM STD DWG 601 & 605
72	Side Entry Pit Grated	600	900	300	32.50	300	32.44	34.183	1.743	MPA EDCM STD DWG 601 & 605
73	End of Pipe	-	-	300	33.16	300	33.16	35.113	1.957	END OF PIPE
74	Side Entry Pit Grated	600	900	300	33.16	300	31.63	33.171	1.541	MPA EDCM STD DWG 601 & 605
75	Side Entry Pit Grated	600	900	300	31.80	300	31.80	33.342	1.542	MPA EDCM STD DWG 601 & 605
76	Side Entry Pit Grated	600	900	300	32.04	375	31.98	33.823	1.843	MPA EDCM STD DWG 601 & 605
77	Side Entry Pit Grated	600	900	300	32.04	300	32.04	33.823	1.843	MPA EDCM STD DWG 601 & 605
78	Side Entry Pit Grated	600	900	300	32.50	300	32.46	34.210	1.750	MPA EDCM STD DWG 601 & 605
79	Future Side Entry Pit Grated	600	900	300	33.14	300	33.14	35.138	2.002	END OF PIPE
				300	33.14			35.138	2.002	
				300	32.10	300	32.10	33.797	1.697	MPA EDCM STD DWG 605 with TEMP HEAVY DUTY CONCRETE COVER

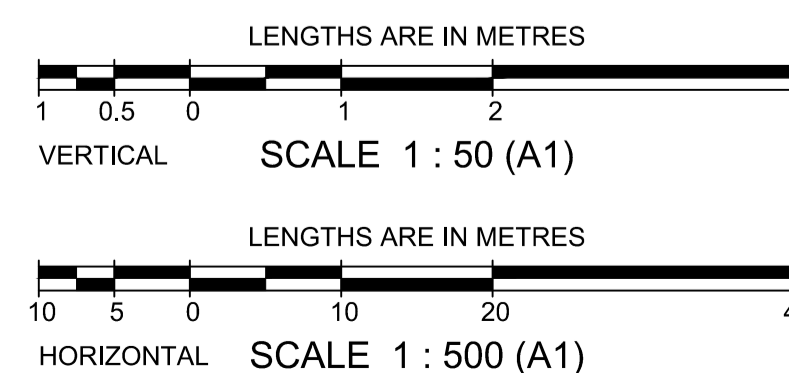
PIT SCHEDULE NOTES

- WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm x 600mm.
- PIT BASE TO BE SHAPED TO MATCH LOWER HALF OF PIPE WHERE DROP ACROSS PIT IS LESS THAN 50mm.
- ALL PITS LOCATED WITHIN THE ROAD RESERVE SHALL BE PROVIDED WITH TERRA FIRMA OR APPROVED EQUIVALENT PIT LID WITH A LOCKABLE COVER.
- HAUNCH PIT IN DIRECTION OF ROAD PAVEMENT.

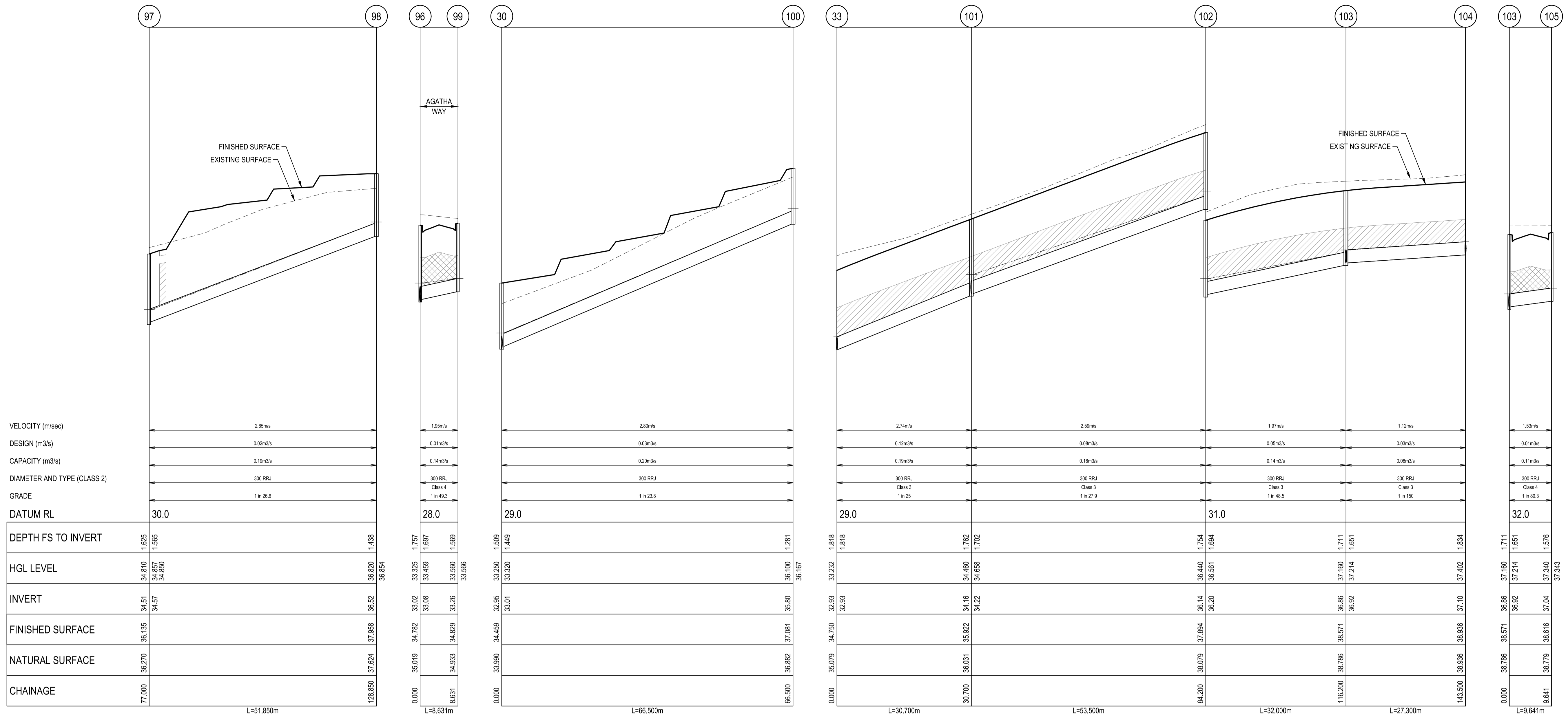
LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- HYDRAULIC GRADE LINE (5yr)
- ▨ DENOTES CLASS 3 CRUSHED ROCK BACKFILL - IN ROAD RESERVES (PAVEMENT NOT SHOWN)
- ▩ DENOTES CLASS 2 CRUSHED ROCK BACKFILL - UNDER ROAD CROSSINGS (PAVEMENT NOT SHOWN)

AS CONSTRUCTED



MELWAY REF. 204-G-8		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
SURVEY BPD		CORNERSTONE ESTATE STAGE 17		MUNICIPALITY WYNDHAM
DESIGN BPD		DRAINAGE LONGITUDINAL SECTIONS - SHEET 3		REFERENCE 8890 E/17
DRAWN DG		CHECKED C.HAGEN	SCALE As Shown	DATUM AHD
DATE 27/4/21	ISSUED FOR CONSTRUCTION	DATE Nov'20	SHEET 13 OF 16	A



DRAINAGE PIT SCHEDULE											
Date 3/11/2020											
Cornerstone Estate - Stage 17											
PIT No	PIT TYPE	INTERNAL			INLET		OUTLET		PIT		REMARKS
		WD	LEN	DIA	INV LEV	DIA	INV LEV	FINISHED COVER RL	DEPTH		
80	Side Entry Pit Grated	600	900	375	32.19	375	32.13	33.975	1.845	MPA EDCM STD DWG 601 & 605	
81	Junction Pit	600	900	300	32.67	375	32.61	34.567	1.957	MPA EDCM STD DWG 605	
82	Side Entry Pit Grated	600	900	300	32.89	300	32.83	34.741	1.911	MPA EDCM STD DWG 601 & 605	
83	Side Entry Pit Grated	600	900	300	33.15	300	33.09	34.958	1.868	MPA EDCM STD DWG 601 & 605	
83A	Grated Pit	600	900	300	33.15	300	33.09	34.958	1.868	MPA EDCM STD DWG 605 with CLASS 'D' COVER	
84	Side Entry Pit Grated	600	900	300	33.59	300	33.53	35.337	1.807	MPA EDCM STD DWG 601 & 605	
85	Side Entry Pit Grated	600	900	300	35.20	300	35.14	36.910	1.770	MPA EDCM STD DWG 601 & 605	
86	Junction Pit	600	900	300	36.39	300	36.33	37.944	1.614	MPA EDCM STD DWG 605	
87	Junction Pit	600	900	300	37.39	300	37.33	38.570	1.180	MPA EDCM STD DWG 605	
88	Side Entry Pit Grated	600	900	300	32.40	300	32.34	34.061	1.721	MPA EDCM STD DWG 601 & 605	
89	Junction Pit	600	900	300	33.13	300	33.07	34.353	1.283	MPA EDCM STD DWG 605	
90	Junction Pit	600	900	300	33.89	300	33.83	35.120	1.230	MPA EDCM STD DWG 605	
91	Junction Pit	600	900	300	34.60	300	34.54	35.861	1.261	MPA EDCM STD DWG 605	
92	Side Entry Pit Grated	600	900	300	33.77	300	33.71	35.337	1.567	MPA EDCM STD DWG 601 & 605	
93	Side Entry Pit Grated	600	900	300	35.55	300	35.49	37.128	1.578	MPA EDCM STD DWG 601 & 605	
94	Junction Pit	600	900	300	32.65	300	32.59	34.204	1.611	MPA EDCM STD DWG 605	
95	Junction Pit	600	900	300	34.19	300	34.13	35.466	1.276	MPA EDCM STD DWG 605	
96	Side Entry Pit Grated	600	900	300	33.08	300	33.02	34.782	1.757	MPA EDCM STD DWG 601 & 605	
97	Junction Pit	600	900	300	34.57	300	34.51	36.135	1.625	MPA EDCM STD DWG 605	
98	Junction Pit	600	900	300	36.52	300	36.46	37.958	1.438	MPA EDCM STD DWG 605	
99	Side Entry Pit Grated	600	900	300	33.26	300	33.20	34.829	1.569	MPA EDCM STD DWG 601 & 605	
100	Junction Pit	600	900	300	35.80	300	35.74	37.081	1.281	MPA EDCM STD DWG 605	
101	Future Side Entry Pit Grated	600	900	300	34.22	300	34.16	35.922	1.762	MPA EDCM STD DWG 605 with TEMP CONCRETE COVER	
102	Side Entry Pit Grated	600	900	300	36.20	300	36.14	37.894	1.754	MPA EDCM STD DWG 601 & 605	
103	Side Entry Pit Grated	600	900	300	36.92	300	36.86	38.571	1.711	MPA EDCM STD DWG 601 & 605	
104	End of Pipe	-	-	300	37.10	300	37.10	38.936	1.834	END OF PIPE	
105	Side Entry Pit Grated	600	900	300	37.04	300	36.98	38.616	1.576	MPA EDCM STD DWG 601 & 605	

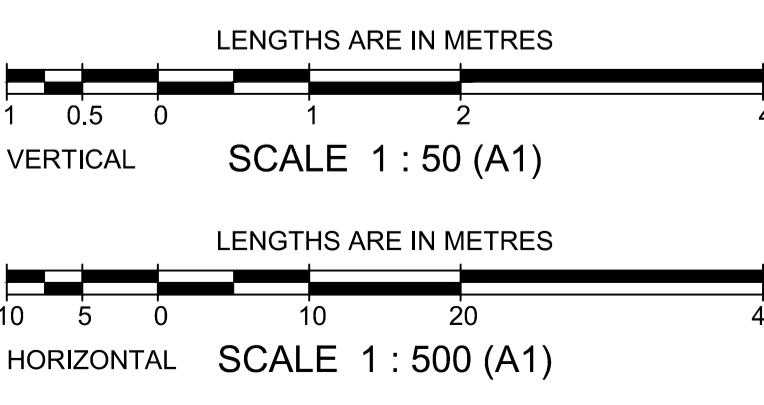
PIT SCHEDULE NOTES

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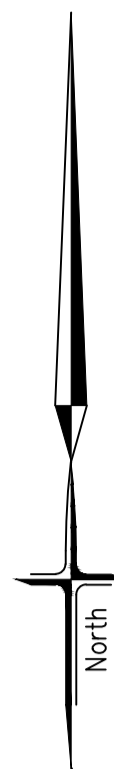
LEGEND

- EXISTING SURFACE
- FINISHED SURFACE
- - - - - HYDRAULIC GRADE LINE (5yr)
- ▨ DENOTES CLASS 3 CRUSHED ROCK BACKFILL - IN ROAD RESERVES (PAVEMENT NOT SHOWN)
- ▩ DENOTES CLASS 2 CRUSHED ROCK BACKFILL - UNDER ROAD CROSSINGS (PAVEMENT NOT SHOWN)

AS CONSTRUCTED



		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 204-G-8		CORNERSTONE ESTATE STAGE 17		MUNICIPALITY WYNDHAM	
SURVEY BPD		DESIGN BPD		REFERENCE 8890 E/17	
DATE 27/4/21		DRAWN DG		SHEET 14 OF 16	
ISSUED FOR CONSTRUCTION		CHECKED C.HAGEN		SCALE As Shown	
REMARKS		DATUM AHD		DATE Nov'20	



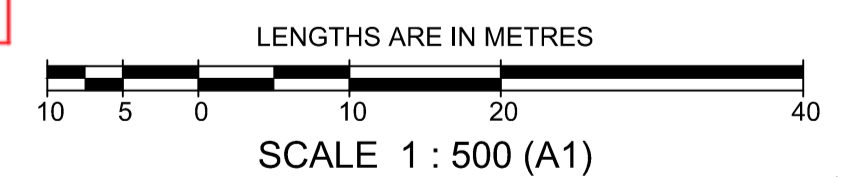
NOTES

- ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
- SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
- □ □ □ INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPMS PLACED AT 6m CTS, UNLESS OTHERWISE SHOWN
- HAZARD / DIRECTIONAL TGSIS SHOWN THUS □ / □ AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSIS SHALL CONFORM TO AS1428.4
- STREET SIGNS TO HAVE A MINIMUM 2 WEDGES IN THE SLEEVES.
- STREET SIGNS TO BE MOUNTED ON STREET LIGHT POLES WHERE POSSIBLE
- PROVIDE EMERALD GREEN COLOURED HIGH FRICTION SURFACE TREATMENTS WITHIN THE BICYCLE ROUTE DENOTED THUS: SURFACE TREATMENT MUST COMPLY WITH VICROADS STANDARD SECTION 430.

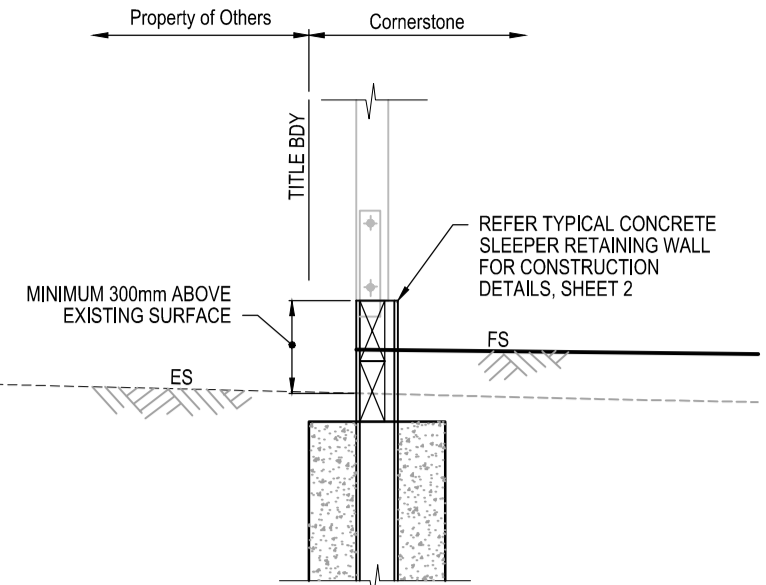
SIGNAGE & LINEMARKING LEGEND

- "SWLM" - SOLID WHITE LONGLIFE LINE MARKING
- - - "BWLM" - BROKEN WHITE LONGLIFE LINE MARKING
- □ □ □ "UNIDIRECTIONAL" & "BIDIRECTIONAL" RRPMS PLACED AT 6.0m CTRS
- ↓ A "STREET" SIGN DOUBLE
- ⬇ B "KEEP LEFT" SIGN (R2-3 (L))
- ⬇ C "GIVE WAY" SIGN (R1-2A)
- ⬇ D "ROUNDOABOUT" SIGN (R1-3A)
- ⬇ E ADVANCED "ROUNDOABOUT" SIGN (W2-7A)
- ⬇ F "UNI-DIRECTIONAL CHEVRON" SIGN (D4-1-3)
- ⬇ G "UNI-DIRECTIONAL CHEVRON" SIGN (D4-2-1)
- ⬇ H "BIKE ONLY" SIGN (R81B)
- ⬇ I ROAD CLOSED (G9-20) SIGN WITH OBSTRUCTION MARKER SIGN (D4-5) - CLASS 1
- ⬇ J BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) & ON SIDE ROAD SIGN (W8-3AL) BELOW. ALL CLASS 1.
- ⬇ K BICYCLE PEDESTRIAN WARNING SIGN (W6-9A) WITH CROSSING ARROW SIGN (W8-23A) & ON SIDE ROAD SIGN (W8-3AR) BELOW. ALL CLASS 1.
- ⬇ L ROAD AHEAD SIGN (W6-8A) - CLASS 1
- ⬇ M "NO STOPPING" SIGN (R5-35 (L))
"BIN COLLECTION DAYS"
- ⬇ N "NO STOPPING" SIGN (R5-35 (R))
"BIN COLLECTION DAYS"

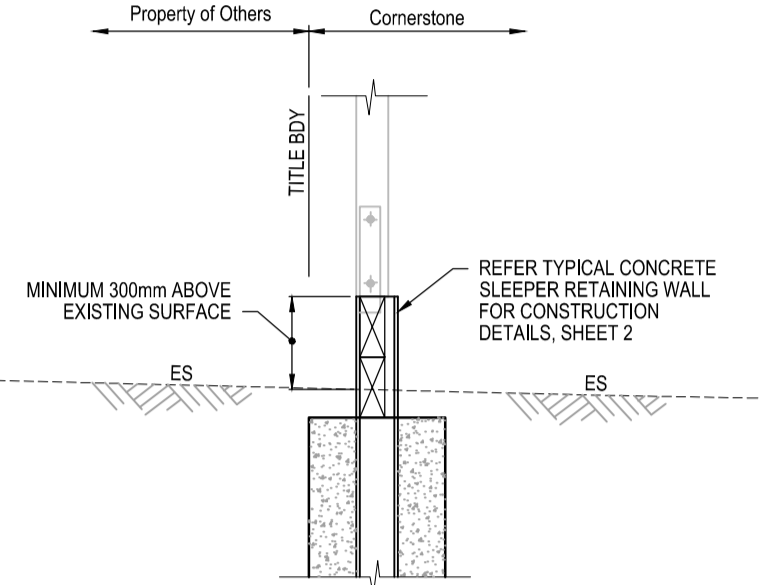
AS CONSTRUCTED



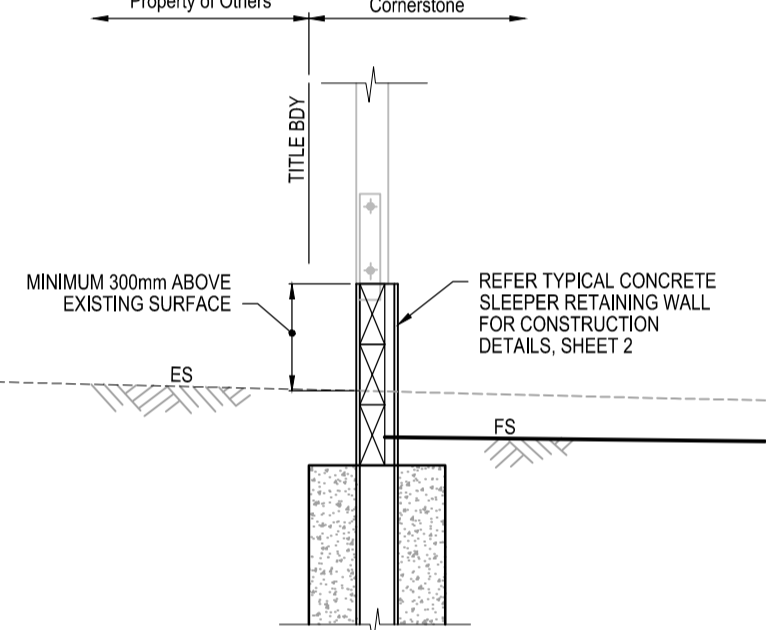
		MELWAY REF. 204-G-8 SURVEY BPD DESIGN BPD DRAWN DG		breese pitt dixon pty. ltd. land surveyors civil engineers 1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		CORNERSTONE ESTATE STAGE 17 SIGNAGE & LINEMARKING PLAN		MUNICIPALITY WYNDHAM REFERENCE 8890 E/17	
AMENDMENTS A 27/4/21 ISSUED FOR CONSTRUCTION	CHECKED C.HAGEN SCALE As Shown DATUM AHD DATE Nov'20	SHEET 15 OF 16 A		Printed: Apr 26, 2021 - 5:22pm	



Typical Section C-C
PROPOSED SURFACE ABOVE EXISTING SURFACE

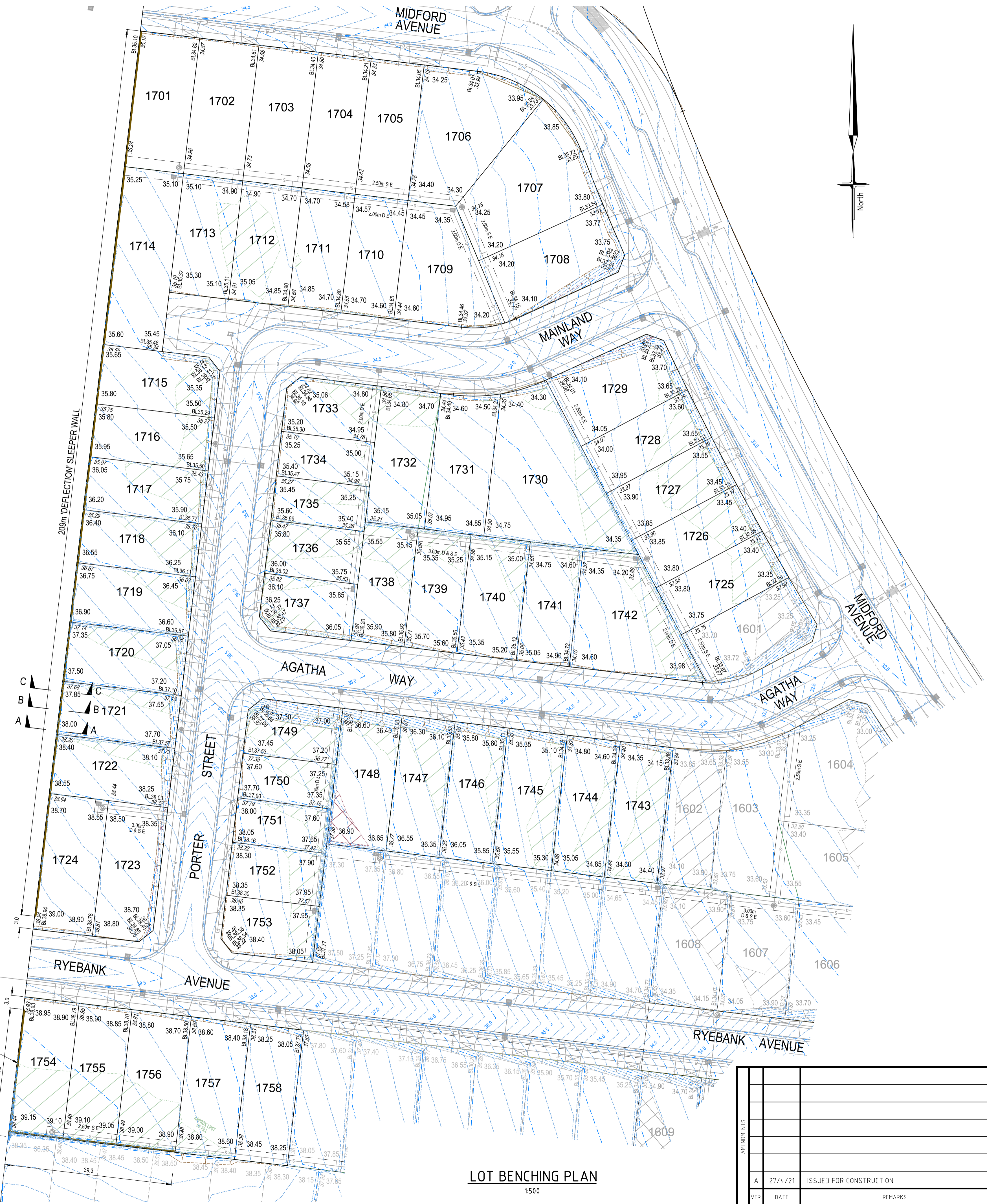


Typical Section B-B
EXISTING SURFACE

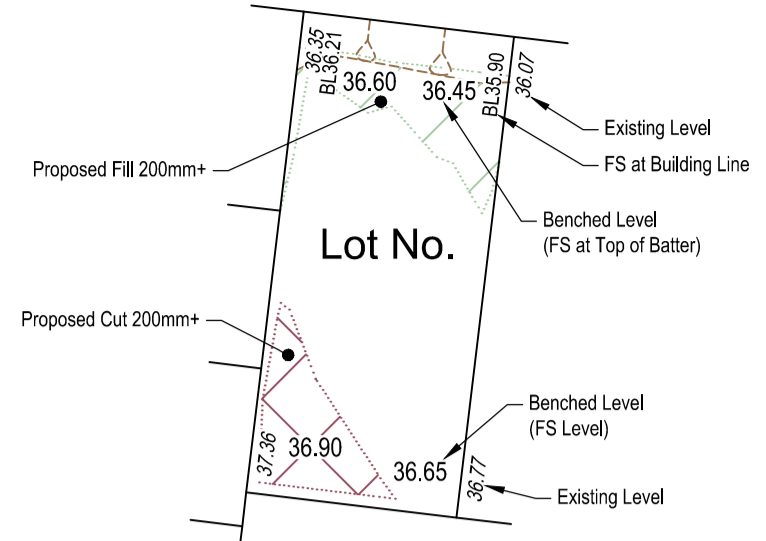


Typical Section A-A
PROPOSED SURFACE BELOW EXISTING SURFACE

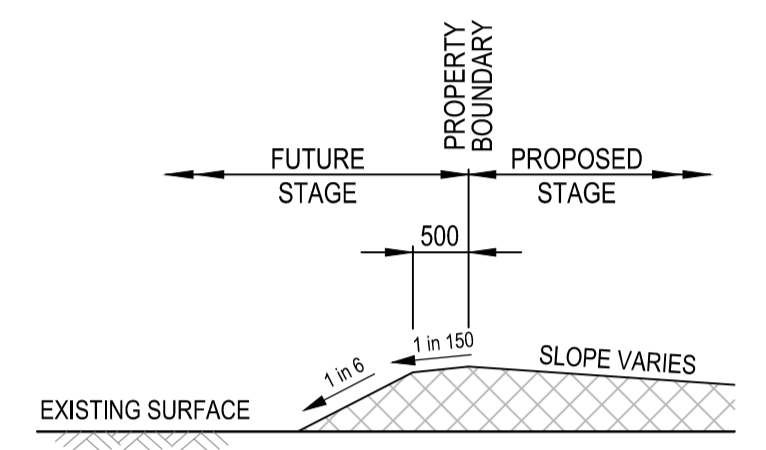
'DEFLECTION' CONCRETE SLEEPER WALL
NOT TO SCALE



LOT BENCHING PLAN
1:500

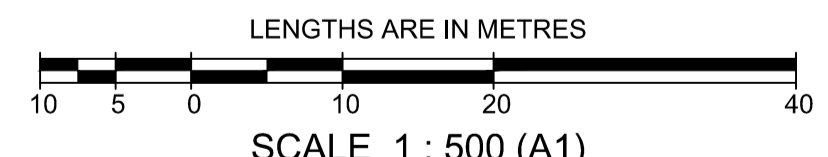


LOT BENCHING KEY



FILLING DETAIL FOR LOTS
ABUTTING FUTURE STAGES
NOT TO SCALE

AS CONSTRUCTED



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.

		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 204-G-8		CORNERSTONE ESTATE STAGE 17		MUNICIPALITY WYNDHAM	
SURVEY BPD		CORNERSTONE ESTATE STAGE 17 LOT BENCHING PLAN		REFERENCE 8890 E/17	
DESIGN BPD		SCALE As Shown		DATUM AHD	
DRAWN DG		CHECKED C.HAGEN		DATE Nov'20	
AMENDMENTS		SHEET 16 OF 16		A	

T:\Projects\BPD\8890 Cornerstone\CAD\Drawings\Stage 17\8890_E17_R16_EW.dwg (R16)

Printed: Apr 26, 2021 - 5:23pm