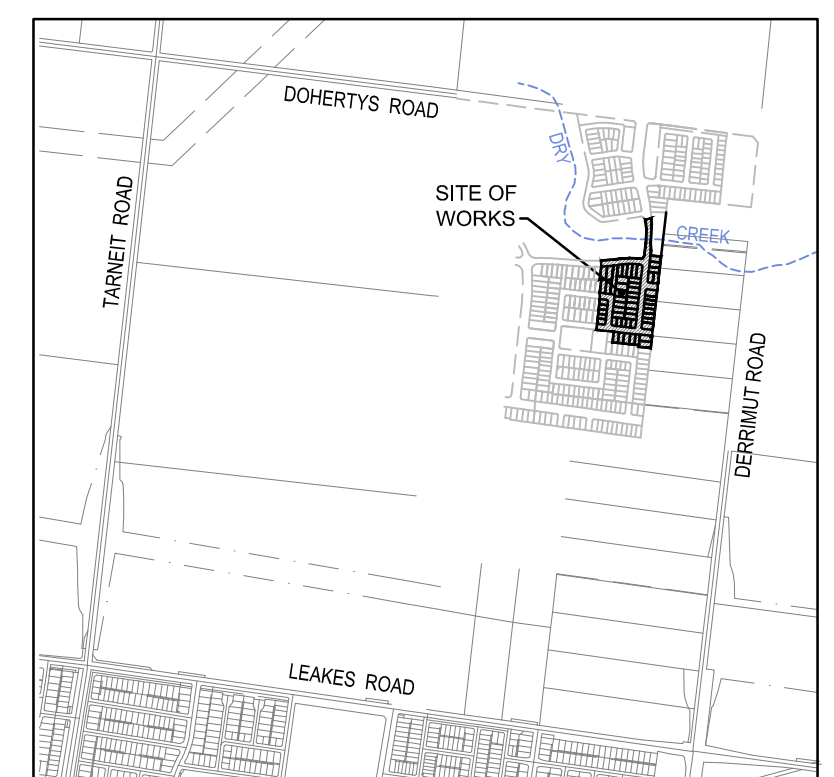
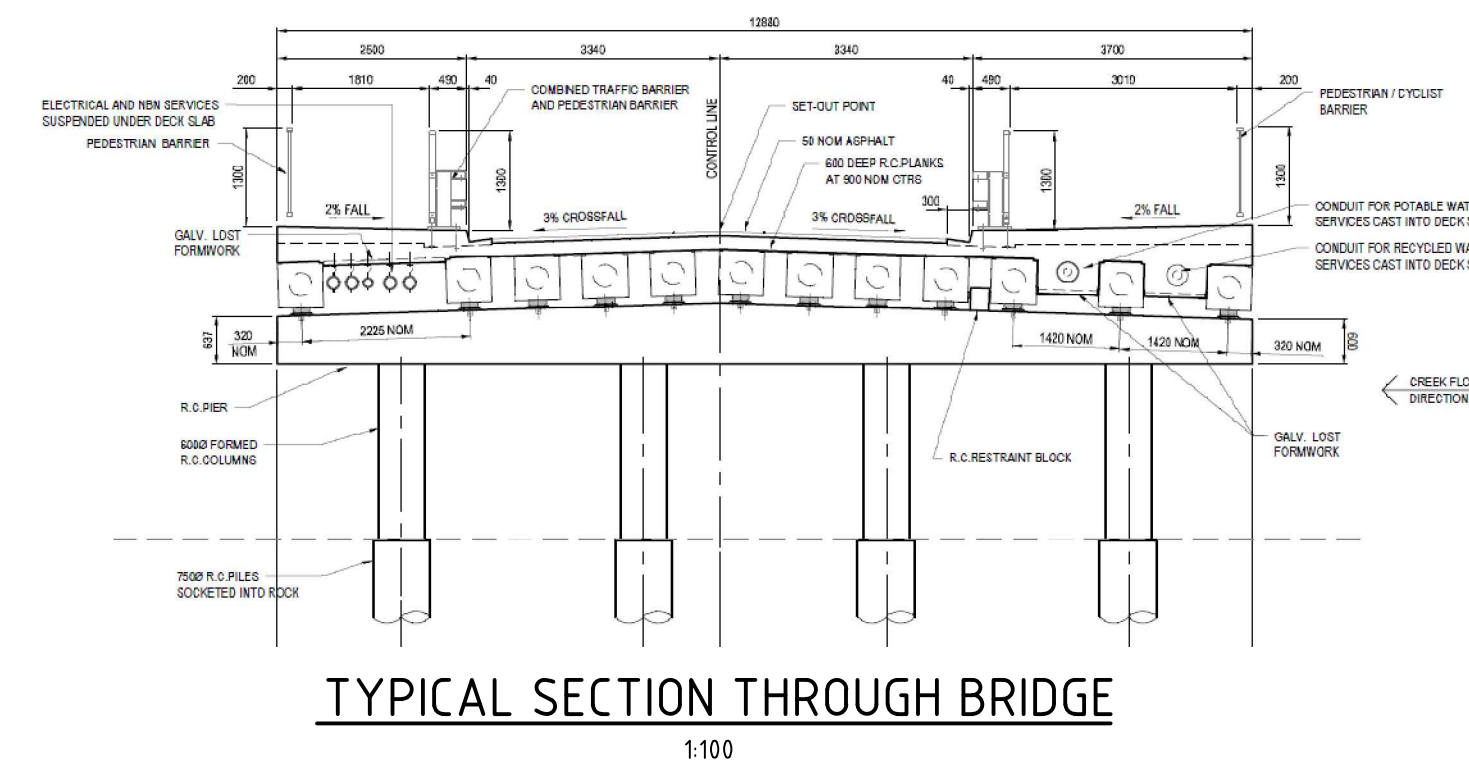


STREET NAME	RdRESERVE	WATER		SEWER	GAS	ELECTRICITY		FIBRE TO THE HOME		Bk. of KERB	JOINT TRENCHING
		DW	NDW			CABLES	POLES	FTTH CABLES	FTTH PITS		
SAPLING BOULEVARD (LOTS 1635-1637)	18.00	3.20 W	2.70 W	-	2.25 W	2.60 E	1.00 BOK	3.85 E	1.85 W	4.35W / 6.05E	W & G, E & FTTH
SAPLING BOULEVARD (LOTS 1639-1646)	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, E & FTTH
FRESCO 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, E & FTTH
UNITED 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, E & FTTH
VESTIGE CIRCUIT (EAST-WEST)	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, E & FTTH
VESTIGE CIRCUIT (NORTH-SOUTH)	16.00	3.20 E	2.70 E	-	2.25 E	2.60 W	1.00 BOK	1.85 W	1.85 E	4.35W / 4.05E	W & G, E & FTTH
FUSE DRIVE	18.00	3.20 S	2.70 S	-	2.25 S	2.60 N	1.00 BOK	3.85 N	1.85 S	4.35S / 6.05N	W & G, E & FTTH
EXTENDED DRIVEWAY	12.00	2.60 E	2.10 E	-	1.60 E	3.80 E	-	3.30 E	-	-	W & G, E & FTTH

SHT. No.	VER	DRAWING INDEX
		DESCRIPTION
1	P2	LAYOUT PLAN AND DETAILS - SHEET 1
2	P2	LAYOUT PLAN AND DETAILS - SHEET 2
3	P2	NOTES AND TYPICAL CROSS SECTIONS
4	P2	INTERSECTION DETAILS - SHEET 1
5	P2	INTERSECTION DETAILS - SHEET 2
6	P2	SAPLING BOULEVARD - LONGITUDINAL & CROSS SECTIONS
7	P2	SAPLING BOULEVARD - CROSS SECTIONS
8	P2	FRESCO WAY - LONGITUDINAL & CROSS SECTIONS
9	P2	FUSE DRIVE - LONGITUDINAL & CROSS SECTIONS
10	P2	UNITED AVENUE - LONGITUDINAL & CROSS SECTIONS
11	P2	VESTIGE CIRCUIT - LONGITUDINAL & CROSS SECTIONS
12	P2	ACCESS DRIVEWAYS - LONGITUDINAL & CROSS SECTIONS
13	P2	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1
14	P2	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2
15	P2	DRAINAGE LONGITUDINAL SECTIONS - SHEET 3
16	P2	DRAINAGE LONGITUDINAL SECTIONS - SHEET 4
17	P2	DRAINAGE PIT SCHEDULE
18	P2	SIGNAGE & LINEMARKING PLAN



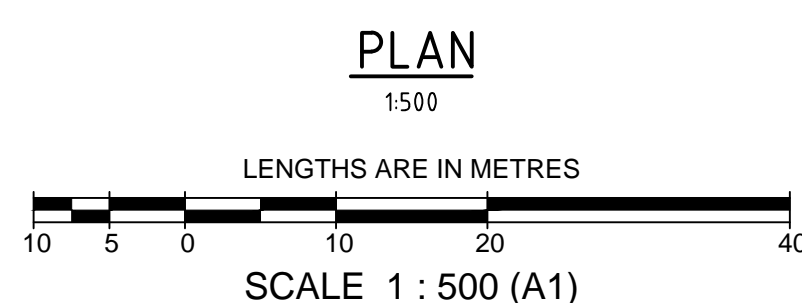
WARNING

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.

ATTENTION TO CONTRACTOR

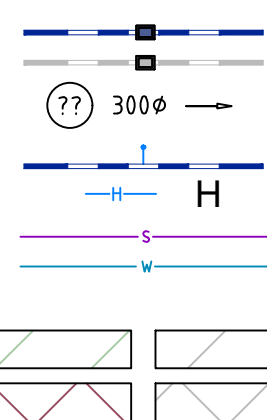
1. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.
2. CONTRACTOR TO ENSURE THAT THE SITE IS PEGGED AND OR SET OUT CHECKED BY THE LICENCED SURVEYOR RESPONSIBLE FOR CERTIFYING THE PLAN OF SUBDIVISION PRIOR TO UNDERGROUND INFRASTRUCTURE BEING INSTALLED.
3. 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.



LEGEND

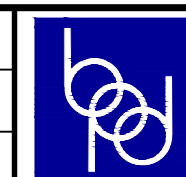
PROPOSED DRAINAGE
EXISTING DRAINAGE
DRAINAGE PIT/DIA./FLOW
PROPERTY INLET
HOUSE DRAIN
PROPOSED / EXIST SEWER
PROPOSED / EXIST WATER

FILL - PROP / EXIST
CUT - PROP / EXIST



LOT FALL
LOT LEVEL - F.S. / EXIST
F.S. AT BUILDING LINE
TOP / TOE OF BATTER

KERBING TYPE
LOT BDY CHAINAGE
LOTS EASEMENT
STREET SIGN
LINEMARKING
REMOVE EXIST TREE

[illegible]

breese pitt dixon pty. ltd.
land surveyors civil engineers

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

ROTHWELL WEST
STAGE 16

MUNICIPALITY	WYNDHAM
REFERENCE	

LAYOUT PLAN AND DETAILS - SHEET 1

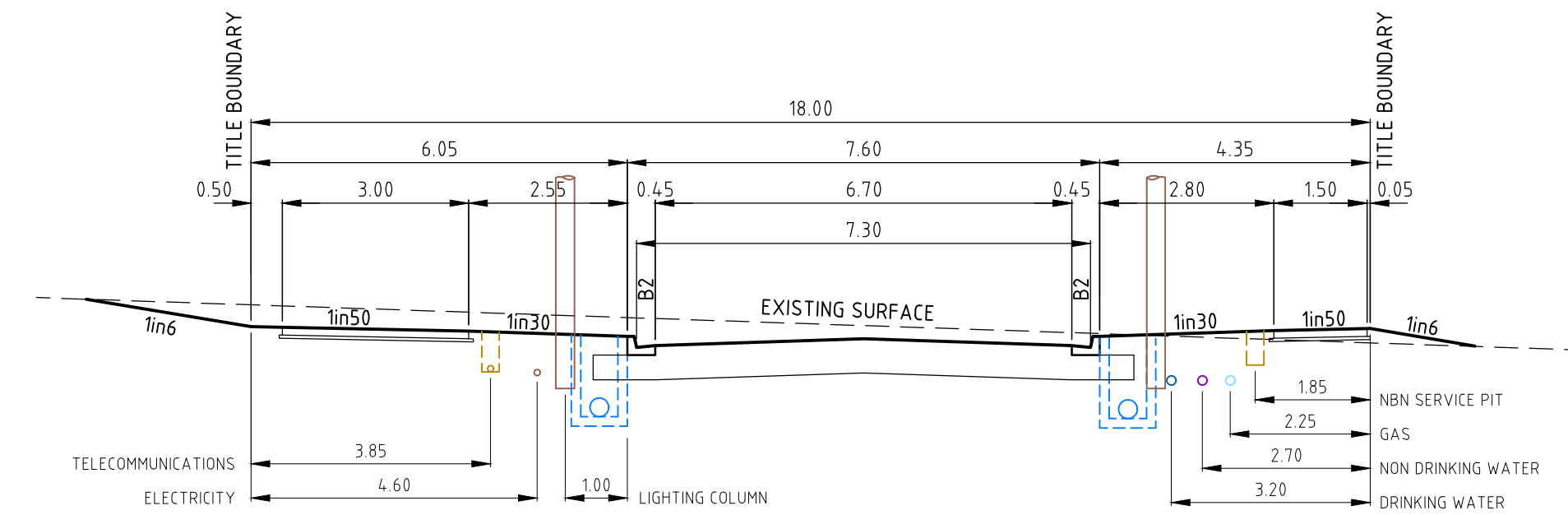
SCALE	As Shown	DATUM	AHD	DATE	0ct'17	SHEET	1 OF 18	P2
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1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WYNDHAM CITY COUNCIL PLANS AND SPECIFICATIONS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
2. COUNCIL AND ALL SERVICE AUTHORITIES TO BE NOTIFIED 7 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.
3. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES.
4. PROPERTY INLETS ARE TO BE PLACED 10m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.
5. LOTS DENOTED THIS 31H ARE TO BE PROVIDED WITH A 100mm, DIA. HOUSE DRAIN PLACED 55m 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.
6. 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.
7. 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.
8. ALL SEWER MAINS, CONDUITS & PIPES UNDER ROAD PAVEMENT, CONCRETE DRIVEWAYS, FOOTPATHS AND PARKING BAYS ARE TO BE BACKFILLED WITH 20mm CLASS 2 BASALTIC FRC 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 COUNCILS STANDARD DRAWING SD6-10 (1996)
9. 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.
10. AGRICULTURAL PIPE DRAINS TO BE PLACED BEHIND ALL KERB AND CHANNEL. KERB ONLY AND EDGE STRIPS. REFER TO MPA STANDARD DRAWING FIG 020.
11. 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.
12. BATTERS SHALL BE IN 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.
13. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - a) SOURCE OF QUARRY MATERIAL.
 - b) OPTIMUM MOISTURE CONTENT AND MAXIMUM MODIFIED DRY DENSITY OF THE F.C.R. TO BE USED (FROM NATA APPROVED LABORATORY).
 - c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF WORKS, NEW TEST RESULTS SHALL BE PROVIDED.
14. 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.
15. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM THE SITE.
16. 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 AS1742.12.3 -1986.
17. 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.
18. ANY FOOTPATH OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIOD TO BE REINSTATE TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.
19. LOTS TO BE GRADED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE FRONT TO REAR OR REAR TO FRONT.
20. 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.
22. 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.
23. 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.
24. TELSTRA/BNB Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
25. ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
26. TRANSITION FROM STANDARD TO ROLLOVER KERB AND CHANNEL AT SIDE ENTRY PITS.
27. 82 PROFILE KERB AND CHANNEL TO BE CONSTRUCTED IN ALL STREET UNLESS OTHERWISE SHOWN.
28. 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)
29. 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.
30. OFF-STREET PARKING TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-6A
31. ALL 125mm THICK FOOTPATH CONCRETE PAVING TO BE REINFORCED WITH SL72 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH MPA STANDARD DRAWING FIG 006.
32. 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
33. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM's AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTALLMENT AT THE CONTRACTORS EXPENSE.
- ALL SIGNS AND TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH AS 1742-1:2,3 - 1996. LINE MARKING SHALL BE IN ACCORDANCE WITH VICROADS REQUIREMENT WITH LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAUROR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710 & 722).
35. 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 EROSION 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.
36. 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.
37. 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.
38. STREET NAMES TO BE INSTALLED ON PUBLIC LIGHTING POLES AT INTERSECTIONS WHERE POSSIBLE. ALL SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS SD11-1.
39. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON BOTH SIDES OF THE KERB AND CHANNEL WITH W FOR WATER, R FOR RECYCLED WATER, G FOR GAS, T FOR TELECOMMUNICATIONS & E FOR ELECTRICITY (REFER COUNCIL STANDARD DRG SD11-8).
40. THE CONTRACTOR IS TO INSTALL BLUE RPPM'S 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.
41. GAS AND WATER CONDUITS TO BE 50mm & 100mm DIAMETER RESPECTIVELY.
42. ALL SERVICE TRENCHES UNDER CONCRETE FOOTPATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK MATERIAL.
43. PROVIDE 18m 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.
44. 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.
45. PROVIDE TIMBER BOLLARDS AT 15m CTS AS PER COUNCIL STANDARD DRAWING SD10-2 AT A 0.25m OFFSET FROM THE RESERVE TIE BAND.

CONNECTOR STREET (545mm) - SAPLING BOULEVARD (NORTH OF FRESCO WAY)	
WEARING COURSE	45mm SIZE 14mm TYPE N CLASS 320 ASPHALT.
INTERMEDIATE COURSE	75mm SIZE 20mm TYPE SI CLASS 320 ASPHALT.
BASE COURSE	75mm SIZE 20mm TYPE SI CLASS 320 ASPHALT.
SUBBASE	100mm SIZE 20mm CLASS 3 CEMENT TREATED CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) AS1289.5.2.1.
CAPPING LAYER	250mm SIZE 40mm RIPPLED ROCK OR EQUIVALENT *
<u>TOTAL</u>	<u>545mm</u> MIN.
SUBGRADE:	MATERIAL AS FOUND (MIN. 2.0% CBR). TOP 200mm COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289.5.1.1.

WEARING COURSE	30mm	SIZE 10mm TYPE L CLASS 320 ASPHALT.
STRUCTURAL COURSE	30mm	SIZE 10mm TYPE L CLASS 320 ASPHALT.
WATERPROOFING COURSE	10mm	SAMI SEAL AND PRIME BELOW
BASE	125mm	SIZE 20mm CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
SUBBASE	140mm	SIZE 20mm CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
CAPPING LAYER	150mm	SIZE 40mm RIPPLED ROCK OR EQUIVALENT *
<u>TOTAL</u>	<u>485mm</u>	
SUBGRADE:		MATERIAL AS FOUND (MIN. 2.0% CBR). TOP 200mm COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289.5.1.1.



30" CUT TO TOP
OF INTERMEDIATE
POST

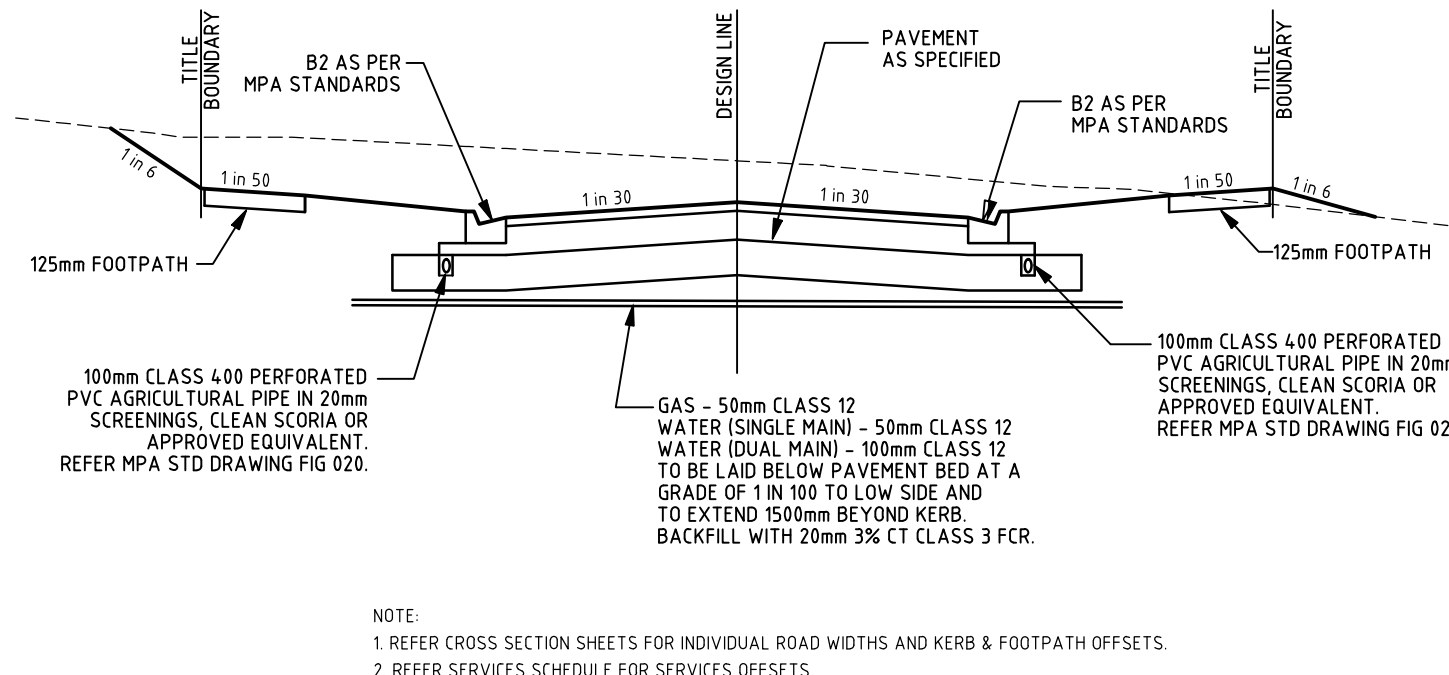
75 x 50mm TREATED
PINE RAILING
(HORIZONTAL)

WEARING COURSE	20mm	SIZE 7mm TYPE I CLASS 320 ASPHALT.
STRUCTURAL COURSE	30mm	SIZE 10mm TYPE N CLASS 320 ASPHALT.
WATERPROOFING COURSE	10mm	SAM SEAL AND PRIME BELOW
BASE	155mm	SIZE 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
SUBBASE	110mm	SIZE 20mm CLASS 3 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
CAPPING LAYER	150mm	SIZE 40mm RIPPED ROCK OR EQUIVALENT *
TOTAL	455mm	

WEARING COURSE	30mm	SIZE 10mm TYPE L CLASS 320 ASPHALT.
STRUCTURAL COURSE	30mm	SIZE 10mm TYPE N CLASS 320 ASPHALT.
WATERPROOFING COURSE	10mm	SAMI SEAL AND PRIME BELOW
BASE	125mm	SIZE 20mm CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
SUBBASE	220mm	SIZE 20mm CLASS 3 CRUSHED ROCK (PLACED IN 2 EQUAL LAYERS), COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
CAPPING LAYER	220mm	SIZE 40mm RIPPLED ROCK OR EQUIVALENT *
TOTAL	635mm	
SUBGRADE:		MATERIAL AS FOWD (MIN. 2.0% CBR)

WEARING COURSE	40mm	SIZE 10mm TYPE I CLASS 320 ASPHALT.
STRUCTURAL COURSE	40mm	SIZE 10mm TYPE I CLASS 320 ASPHALT.
WATERPROOFING COURSE	10mm	SAMI SEAL AND PRIME
BASE	105mm	SIZE 20mm CLASS 2 CRUSHED ROCK. COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
SUBBASE	240mm	SIZE 20mm CLASS 3 CRUSHED ROCK (PLACED IN 2 EQUAL LAYERS). COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) MAXIMUM DRY DENSITY AS1289.5.2.1.
CAPPING LAYER	270mm	SIZE 40mm RIPPLED ROCK OR EQUIVALENT *
TOTAL	695mm	

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



The site plan shows a rectangular plot with a total width of 12.00m and a total depth of 12.00m. The plot is divided into several sections by internal walls. The dimensions are as follows:

- Top edge (LOT FRONTAGE): 12.00m
- Left edge (SIDE OF LOT): 12.00m
- Internal dimensions (from left to right): 3.10m, 3.50m, 5.40m, 3.85m, 1.50m, 0.05m.
- Internal dimensions (from top to bottom): 2.10m, 2.10m, 2.60m, 3.30m, 3.80m.

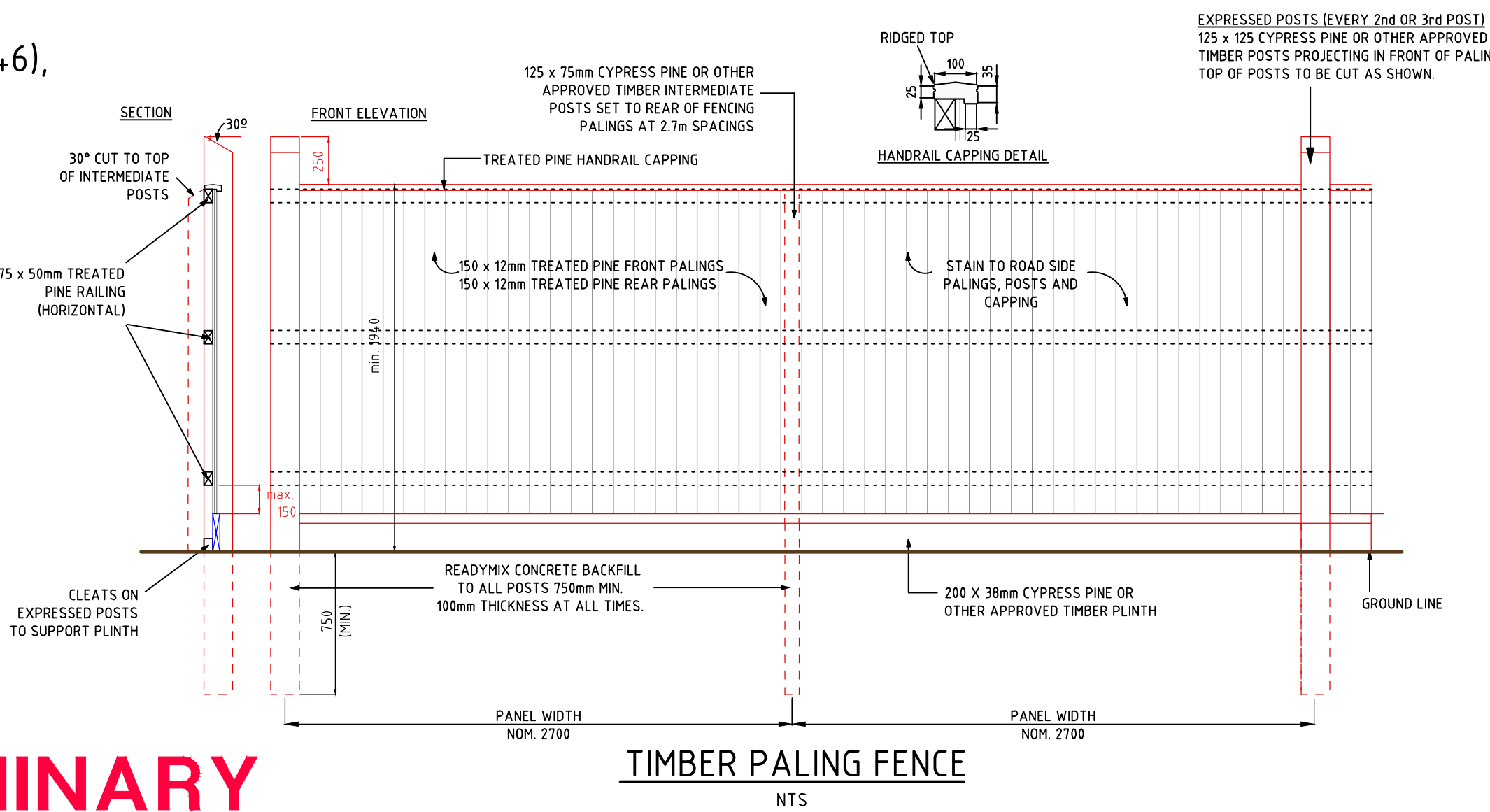
Utility locations are marked with colored circles and labeled:

- SEWER (red circle)
- GAS (blue circle)
- NON-DRINKING WATER (green circle)
- DRINKING WATER (yellow circle)
- TELECOMMUNICATIONS (purple circle)
- ELECTRICITY (orange circle)


A dashed blue rectangle indicates the location of the existing structure. A solid blue rectangle indicates the location of the proposed structure. A solid blue line indicates the location of the proposed driveway. A solid blue line indicates the location of the proposed wall. A solid blue line indicates the location of the proposed fence. A solid blue line indicates the location of the proposed gate. A solid blue line indicates the location of the proposed parking area. A solid blue line indicates the location of the proposed landscaping area. A solid blue line indicates the location of the proposed garden area. A solid blue line indicates the location of the proposed lawn area. A solid blue line indicates the location of the proposed path area. A solid blue line indicates the location of the proposed deck area. A solid blue line indicates the location of the proposed pergola area. A solid blue line indicates the location of the proposed pool area. A solid blue line indicates the location of the proposed spa area. A solid blue line indicates the location of the proposed hot tub area. A solid blue line indicates the location of the proposed barbecue area. A solid blue line indicates the location of the proposed outdoor kitchen area. A solid blue line indicates the location of the proposed outdoor dining area. A solid blue line indicates the location of the proposed outdoor living area. A solid blue line indicates the location of the proposed outdoor entertainment area. A solid blue line indicates the location of the proposed outdoor storage area. A solid blue line indicates the location of the proposed outdoor furniture area. A solid blue line indicates the location of the proposed outdoor lighting area. A solid blue line indicates the location of the proposed outdoor sound system area. A solid blue line indicates the location of the proposed outdoor fire pit area. A solid blue line indicates the location of the proposed outdoor fire table area. A solid blue line indicates the location of the proposed outdoor fire bowl area. A solid blue line indicates the location of the proposed outdoor fire ring area. A solid blue line indicates the location of the proposed outdoor fire pit area. A solid blue line indicates the location of the proposed outdoor fire table area. A solid blue line indicates the location of the proposed outdoor fire bowl area. A solid blue line indicates the location of the proposed outdoor fire ring area.

12.0m EXTENDED DRIVEWAY

CONFIDENTIAL



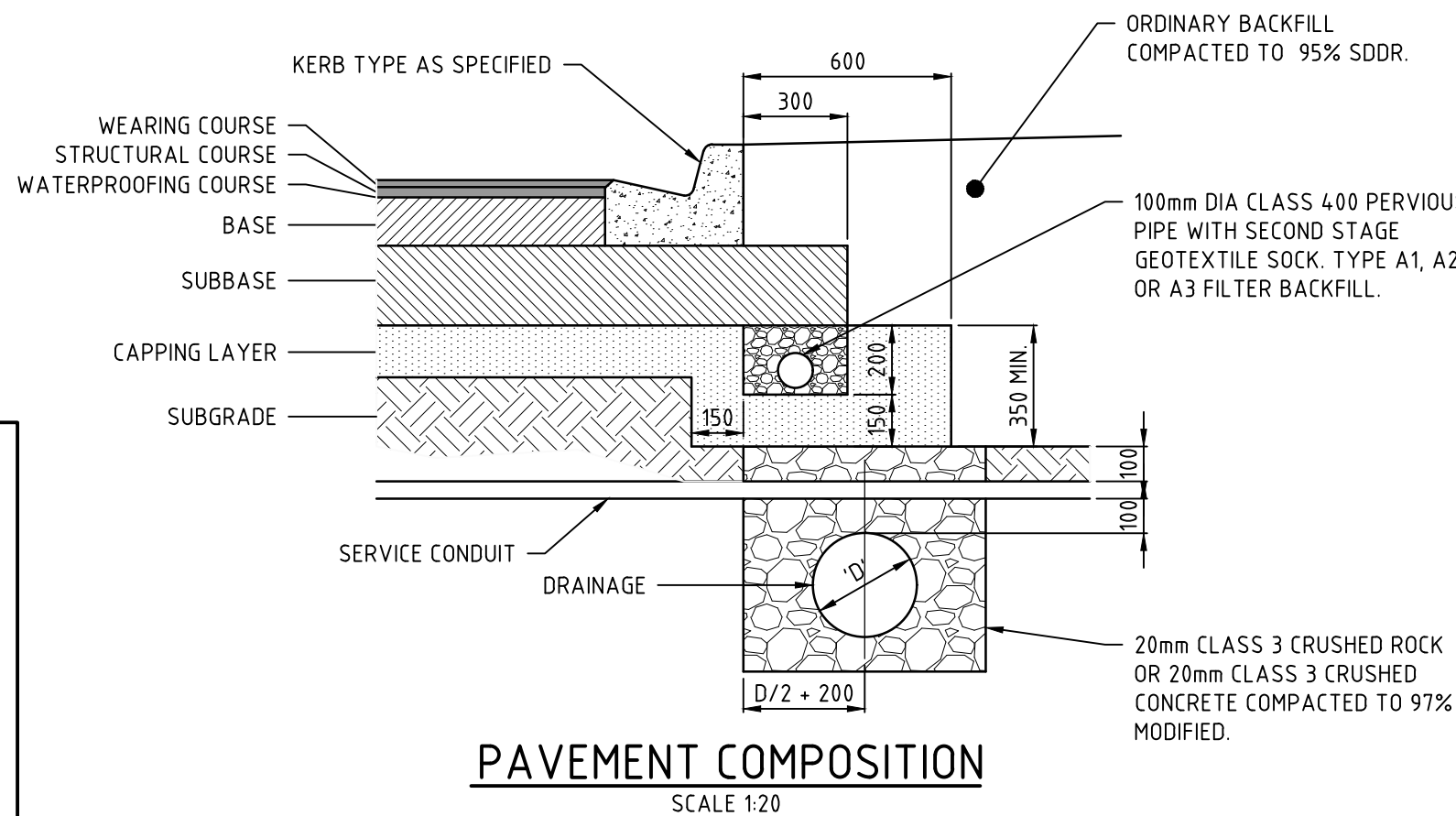
PRELIMINARY

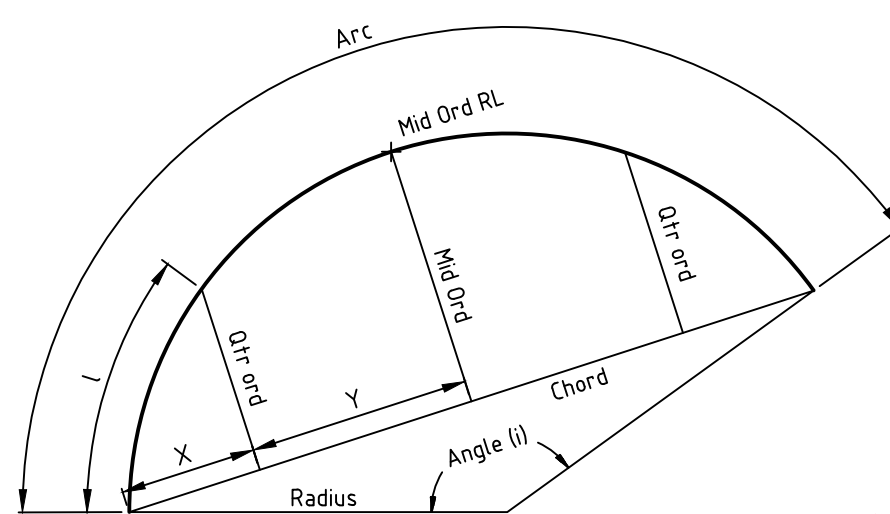
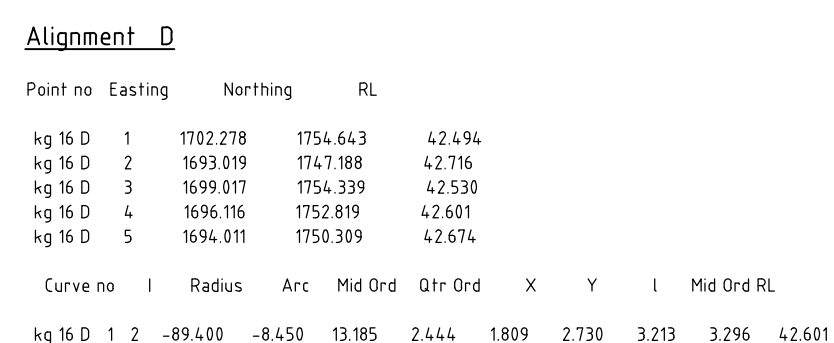
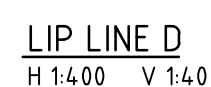
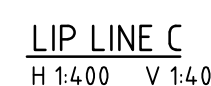
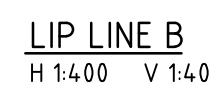
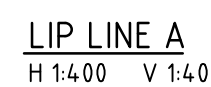
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					<div style="display: flex; justify-content: space-between;"><div>MELWAY REF. 360-F10 SURVEY BPD DESIGN TBC DRAWN</div><div style="text-align: center;">ROTHWELL WEST STAGE 16 NOTES AND TYPICAL CROSS SECTIONS</div><div>MUNICIPALITY WYNDHAM REFERENCE 8584 E/16</div></div>			
VER	DATE	REMARKS	CHECKED	SCALE As Shown	DATUM AHD	DATE Oct'17	SHEET 3 OF 18	P2



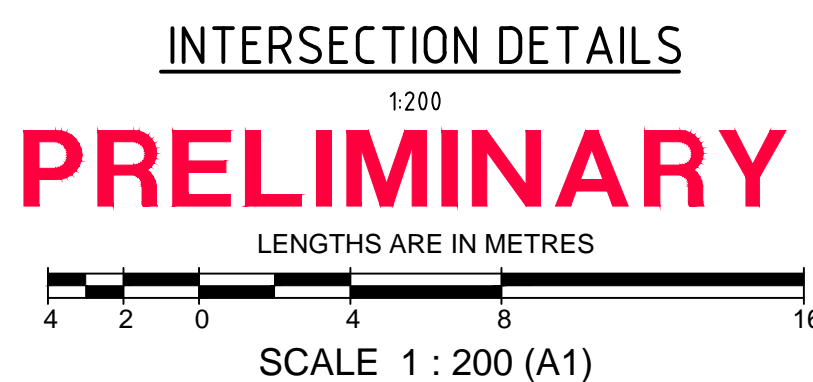
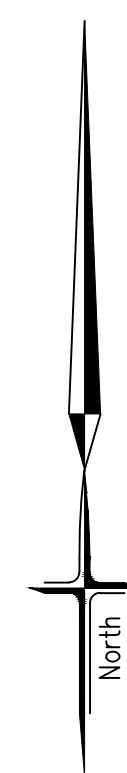
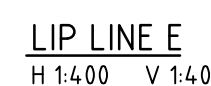
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.


1. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM COORDINATES SHOWN.
2. 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.
3. 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.

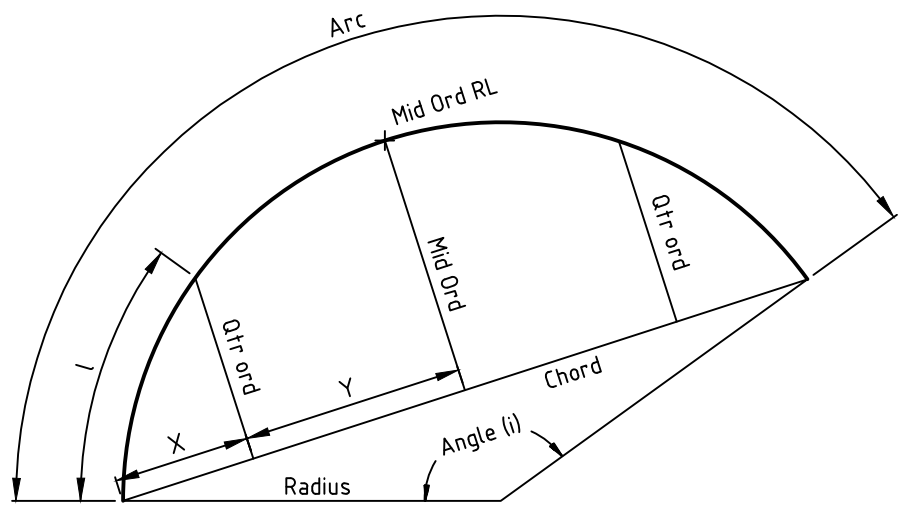




NOTE:
ALL SETOUT DETAILS ARE
AT LIP OF KERB

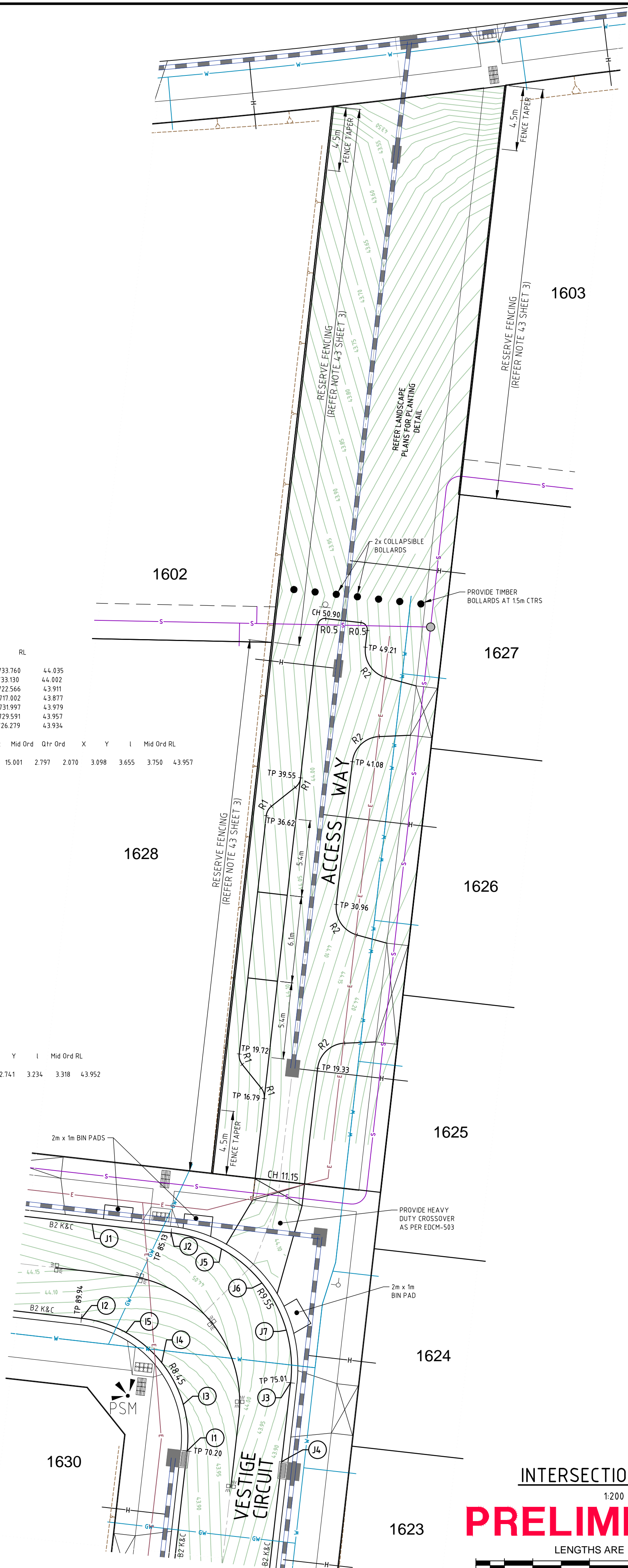
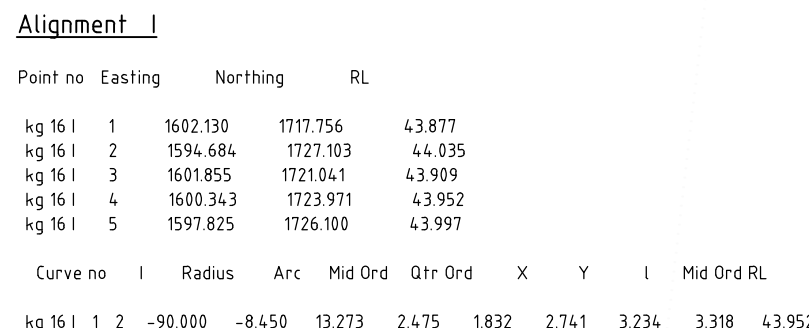
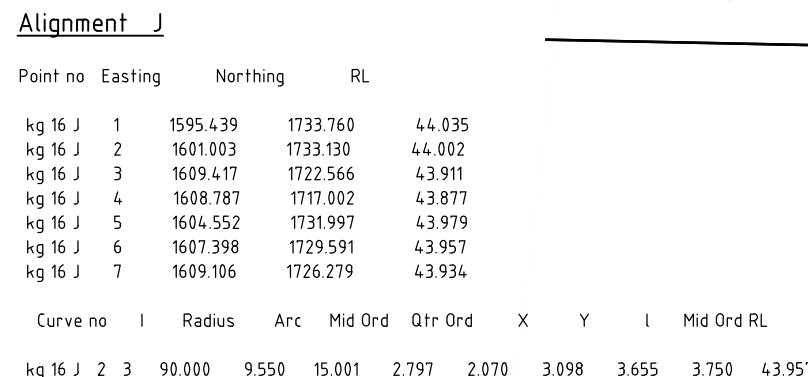
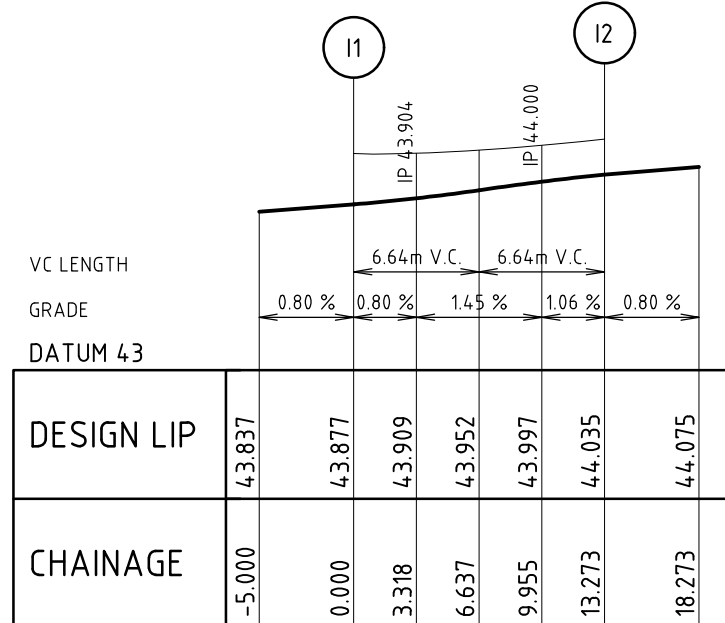
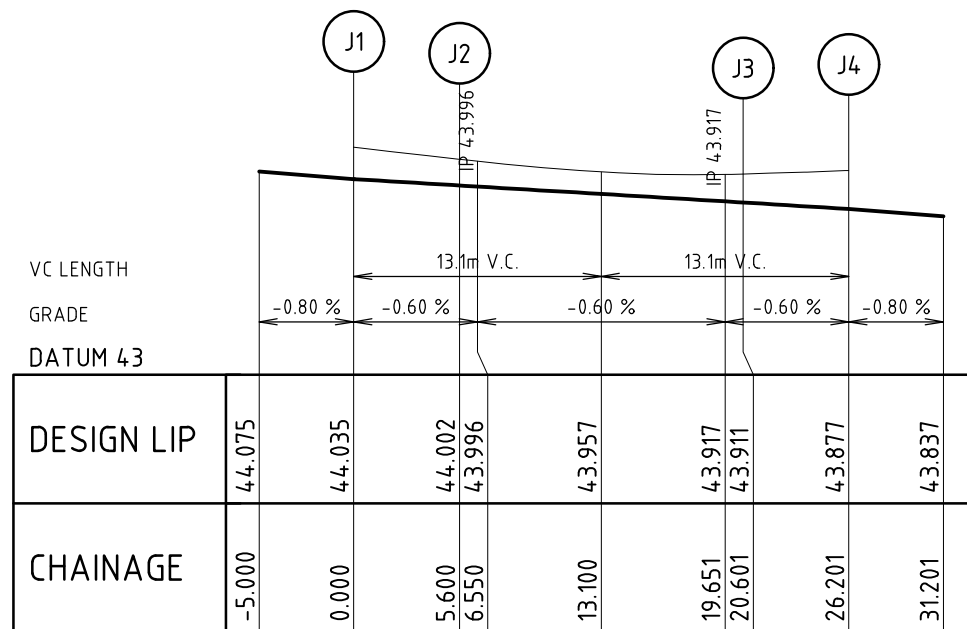
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AMENDMENTS					breese pitt dixon Pty. Ltd. land surveyors			civil engineers			1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		
			MELWAY REF:	360-F10	ROTHWELL WEST STAGE 16 INTERSECTION DETAILS – SHEET 1					MUNICIPALITY		WYNDHAM	
			SURVEY	BPD						REFERENCE		8584 E/16	
			DESIGN	TBC									
			DRAWN										
VER	DATE	REMARKS	CHECKED	SCALE	As Shown	DATUM	AHD	DATE	Oct'17	SHEET	4 OF 18	P2	



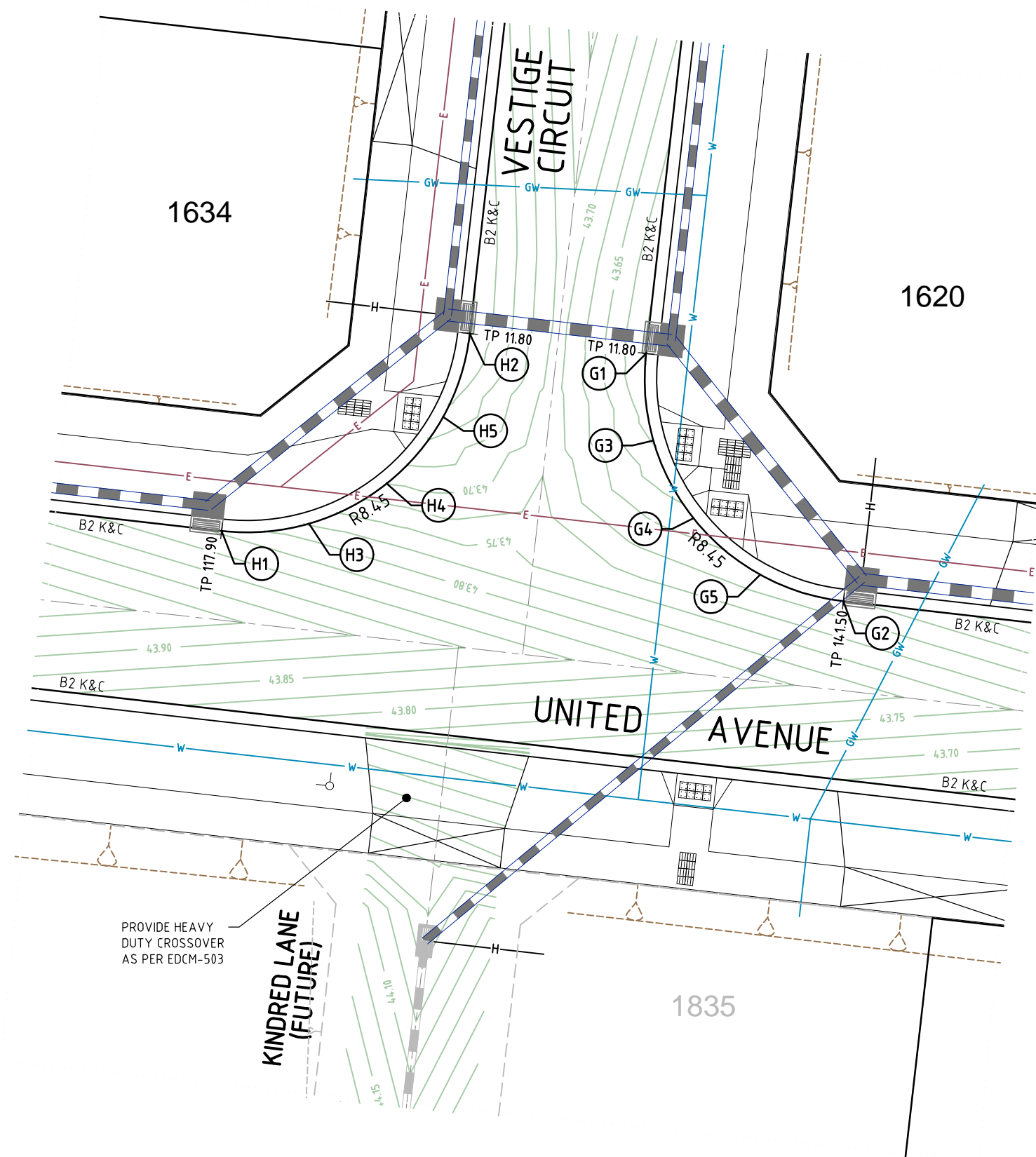
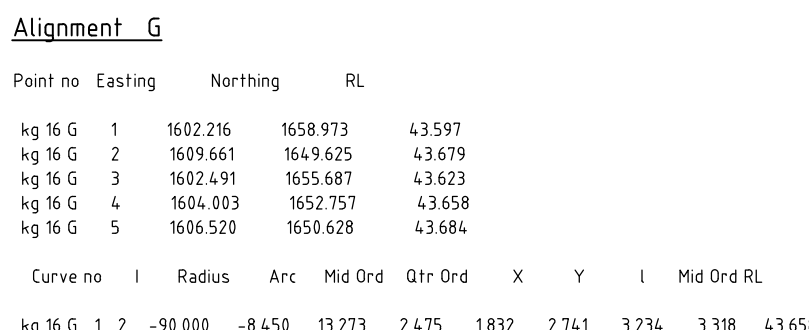
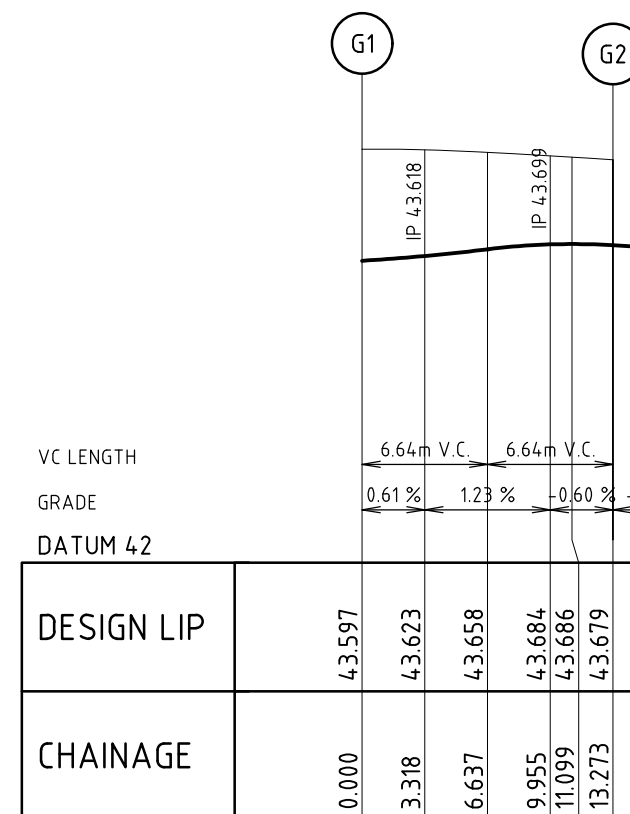
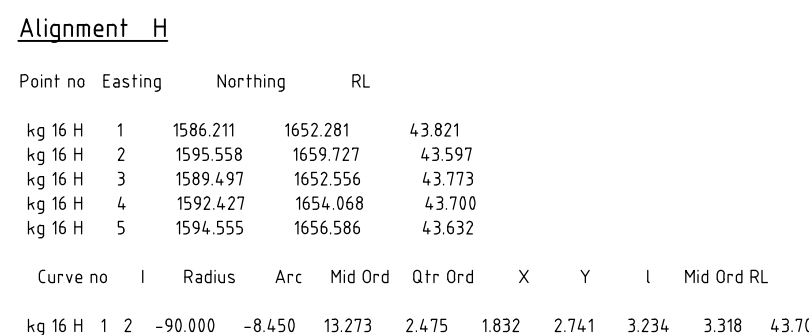
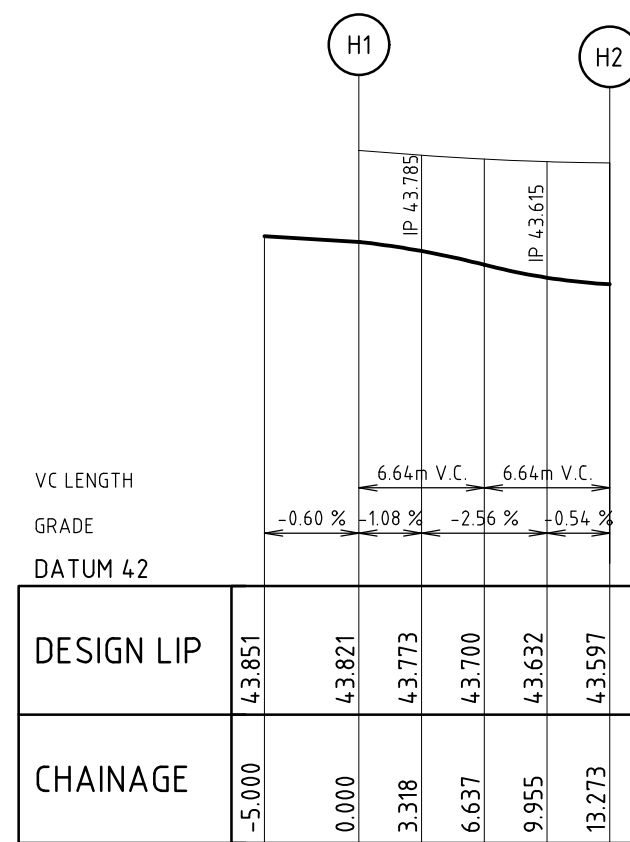
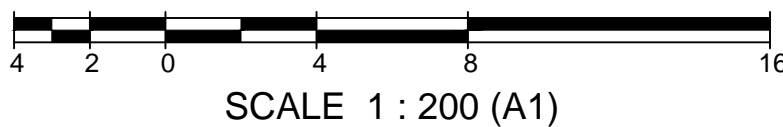
CURVE SETOUT DIAGRAM

NOTE:
ALL SETOUT DETAILS ARE
AT LIP OF KERB



INTERSECTION DETAILS

1200
PRELIMINARY
LENGTHS ARE IN METRES



breese pitt dixon pty. ltd.
land surveyors civil engineers

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

ROTHWELL WEST
STAGE 16

INTERSECTION DETAILS - SHEET 2

MUNICIPALITY
WYNDHAM

REFERENCE
8584 E/16

SCALE As Shown DATUM AHD DATE Oct'17

SHEET 5 OF 18 P2

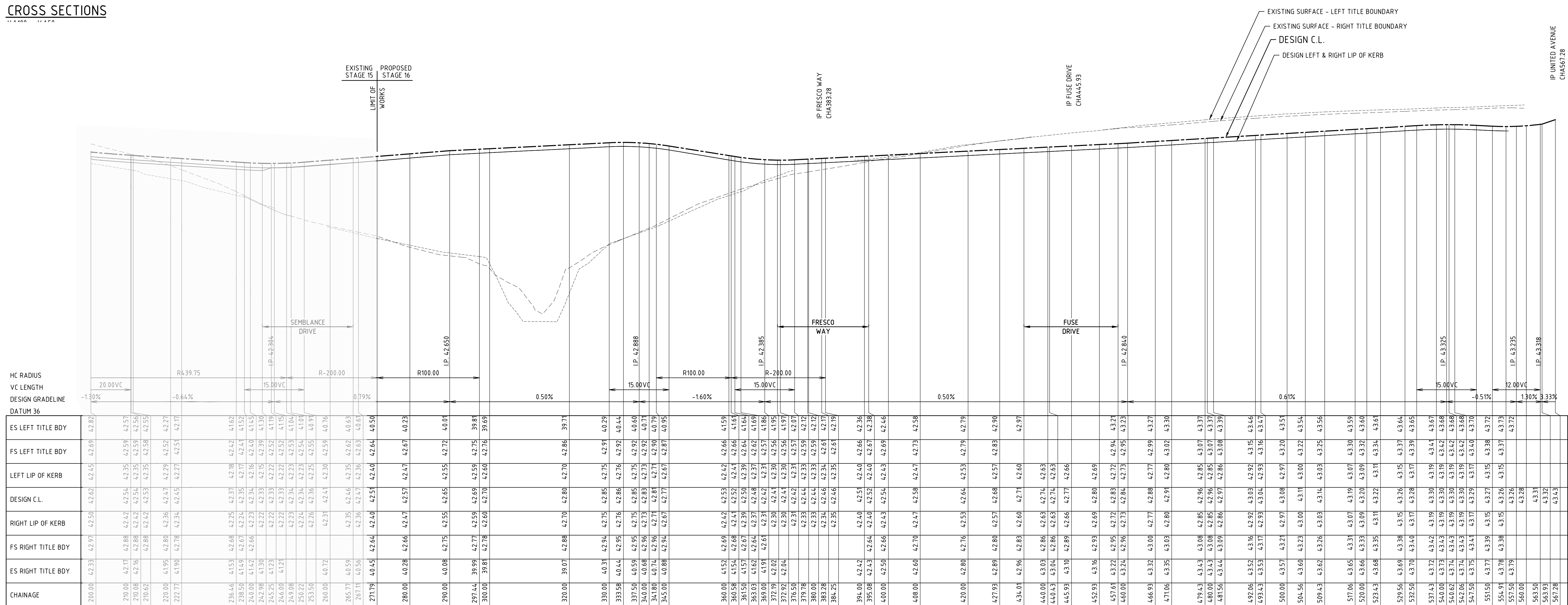
CHA 271.790

[illegible]

CHA 341.803

DATUM 39		
OFFSET	EXISTING SURFACE	DESIGN SURFACE
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-6.682	40.785	42.905
-6.314	40.781	42.897
-4.814	40.765	42.867
-3.450	40.753	42.822
-3.340	40.753	42.822
-3.300	40.753	42.672
-3.000	40.752	42.712
0.000	40.748	42.812
3.000	40.744	42.712
3.300	40.744	42.672
3.340	40.744	42.822
3.450	40.744	42.822
5.539	40.741	42.891
8.638	40.741	42.953
9.158	40.741	42.963
22.605	40.719	40.719

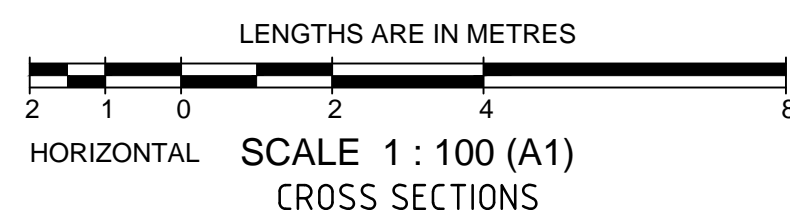
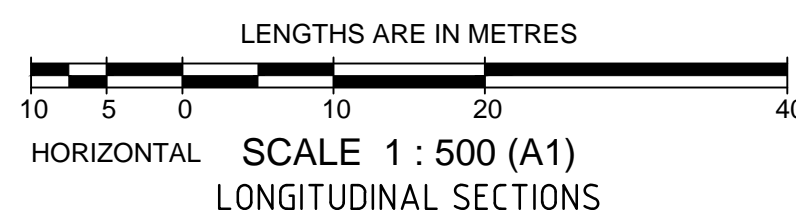
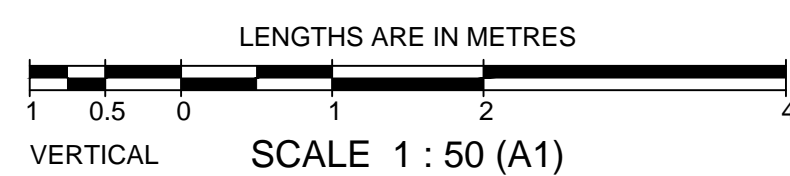
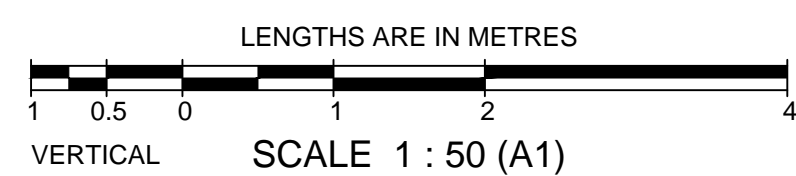
CROSS SECTIONS




LONGITUDINAL SECTION (Rd01)

H 1:500 V 1:50

SAPLING BOULEVARD



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

AMENDMENTS			 <div>breese pitt dixon pty. ltd. land surveyors civil engineers</div> <div>1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310</div>					
		MELWELL REF. 360-F10	ROTHWELL WEST STAGE 16 SAPLING BOULEVARD				MUNICIPALITY WYNDHAM	
		SURVEY BPD					REFERENCE	
		DESIGN TBC					8584 E/16	
		DRAWN						
VER	DATE	REMARKS	CHECKED	SCALE As Shown	DATUM AHD	DATE Oct'17	SHEET 6 OF 18	P.

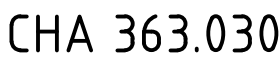
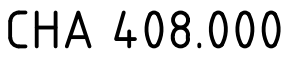
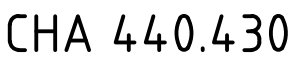
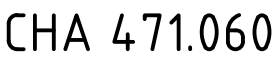
PRELIMINARY

breese pitt dixon pty. ltd.
land surveyors civil engineers

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

ROTHWELL WEST STAGE 16	MUNICIPALITY WYNDHAM
---------------------------	-------------------------

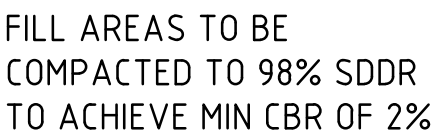
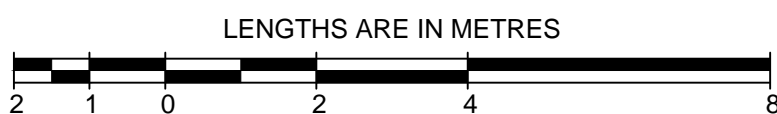
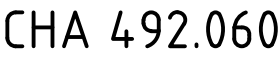
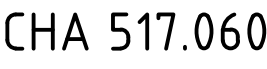
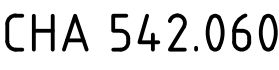
SAPLING BOULEVARD			8584 E/16	
DATUM	AHD	DATE	Oct'17	SHEET 6 OF 18



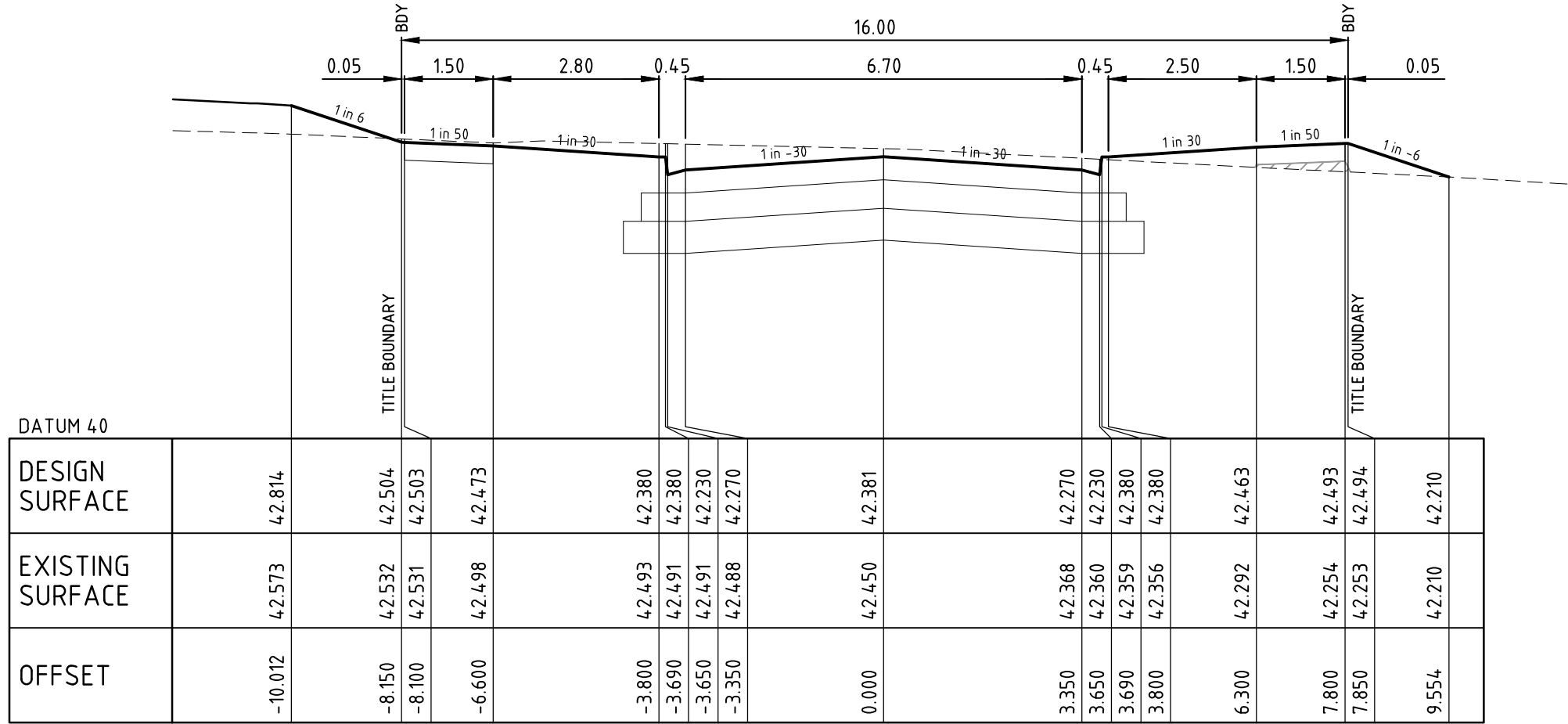
H 1:100 V 1:50

SAPLING BOULEVARD

PRELIMINARY



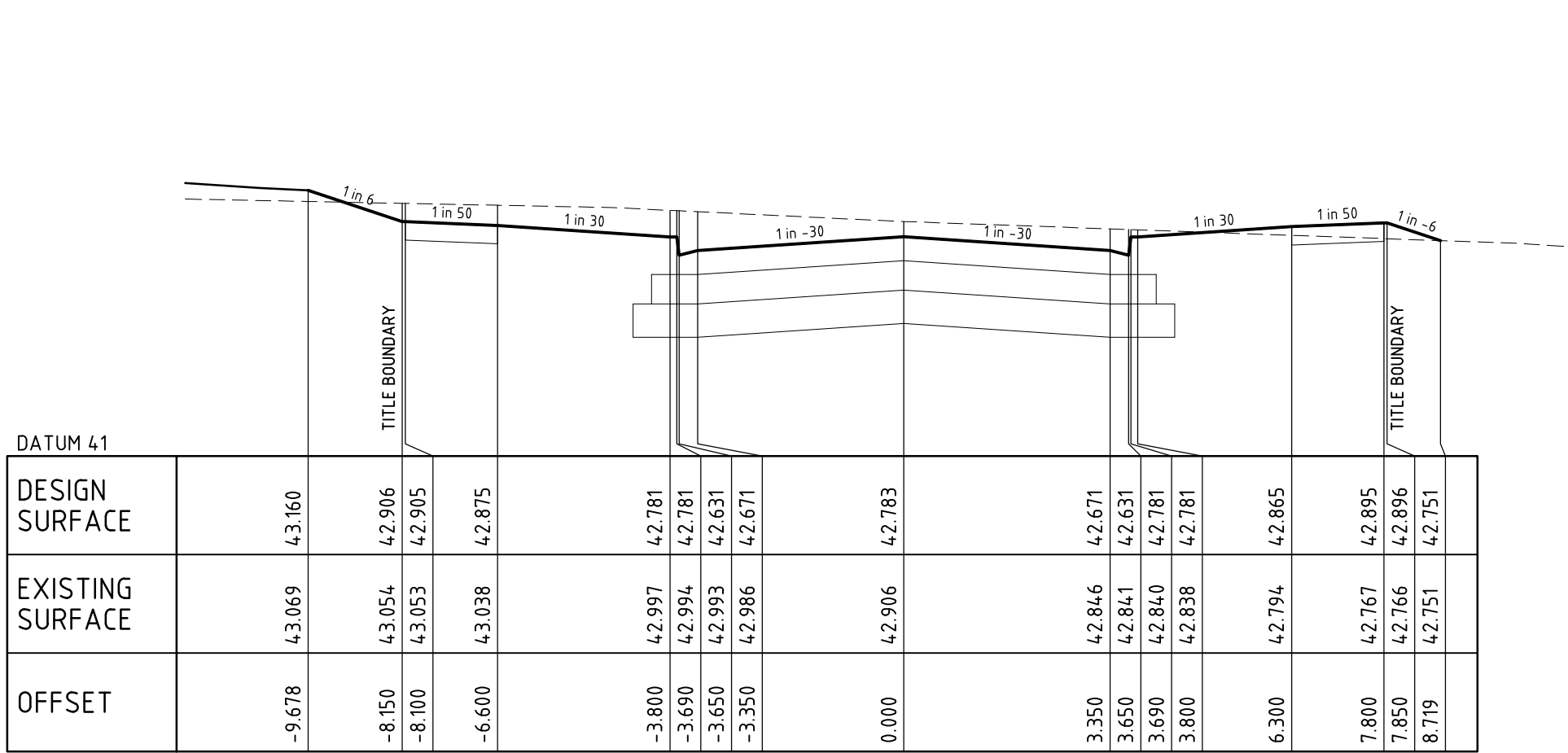
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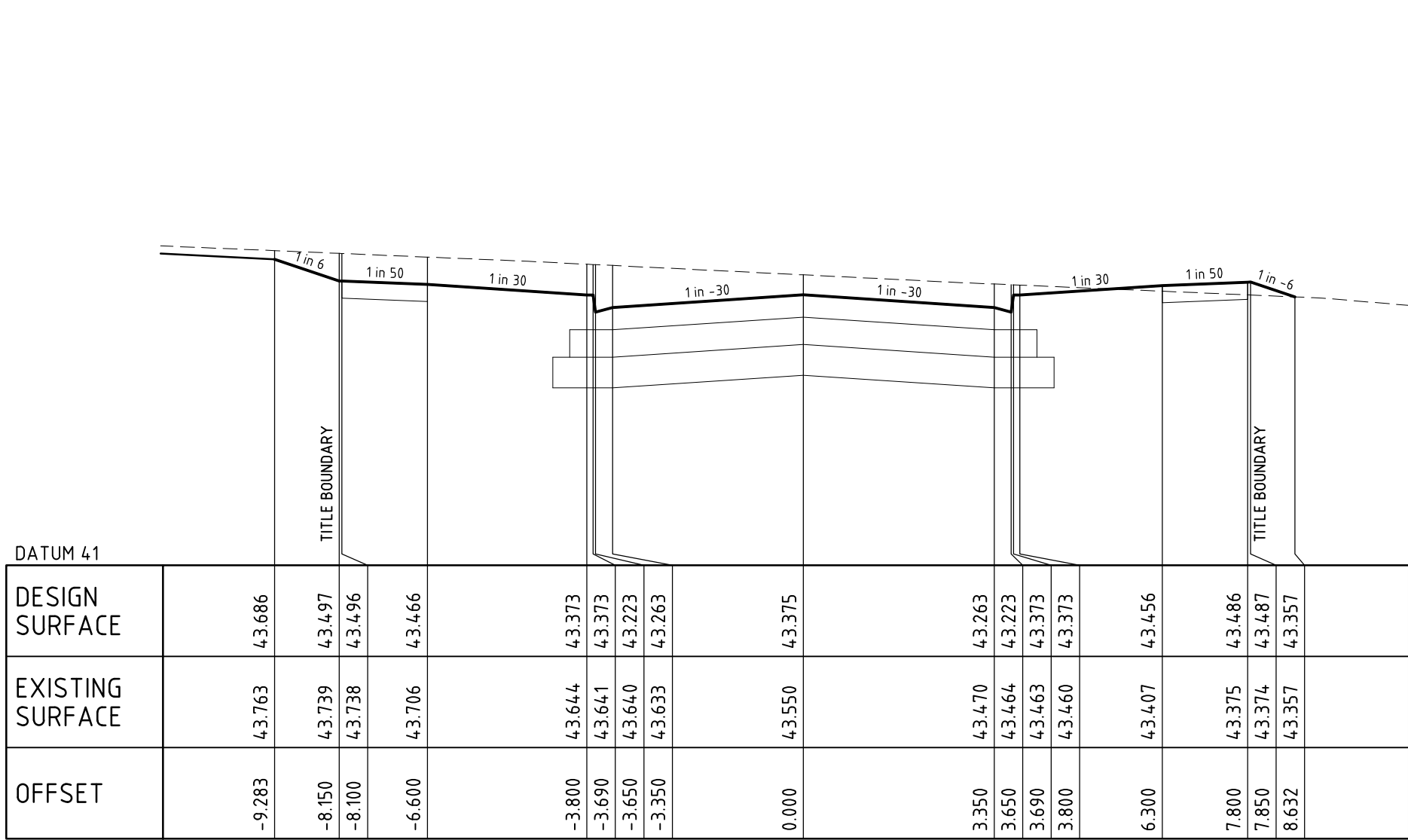
CHA 22.380

CROSS SECTIONS

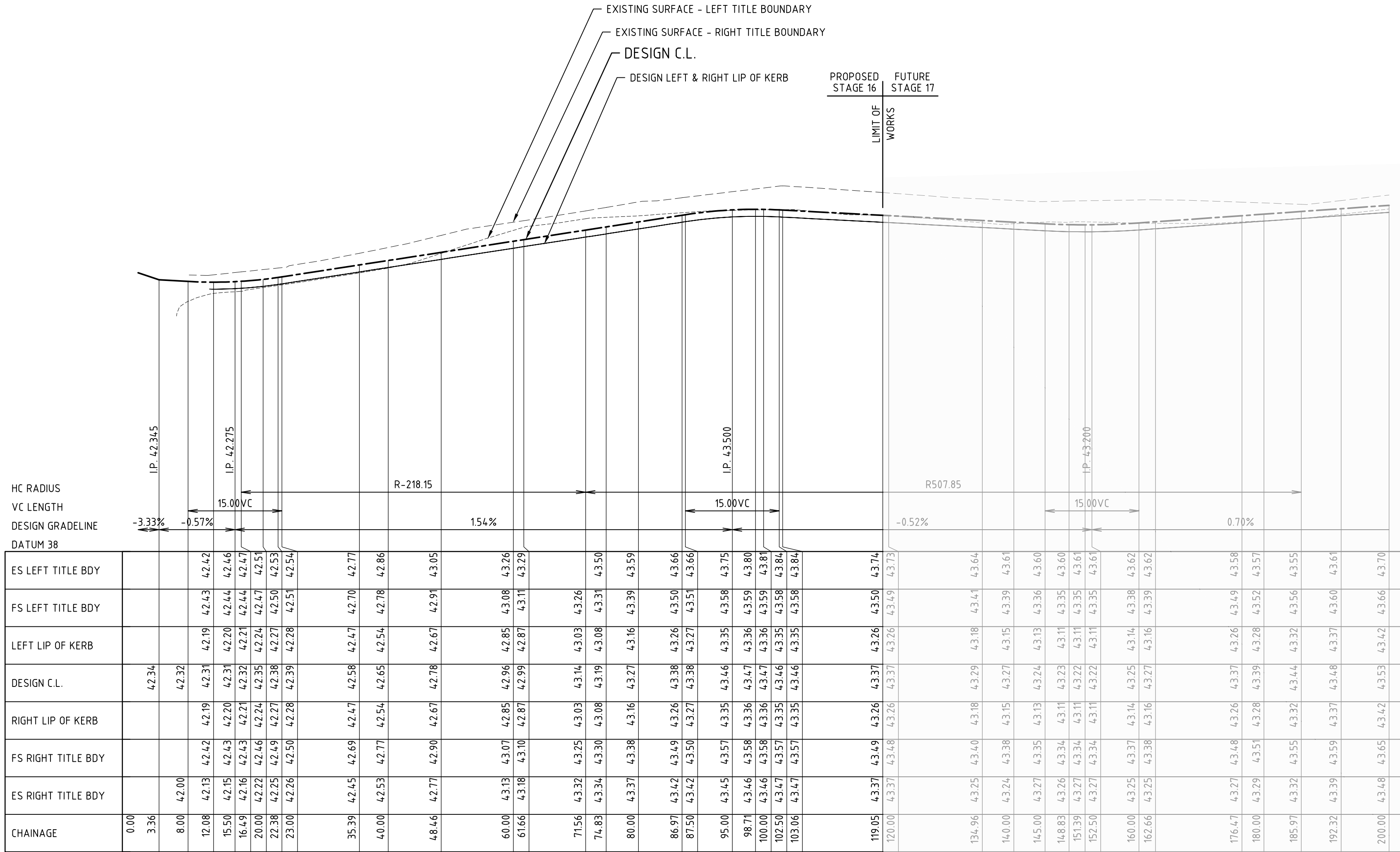
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CHA 48.460



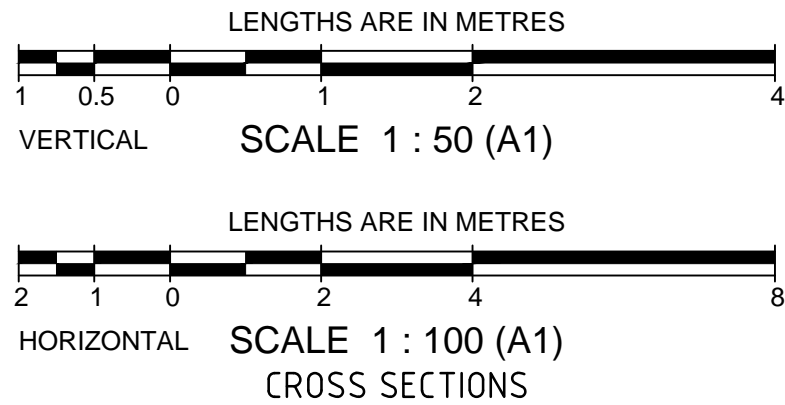
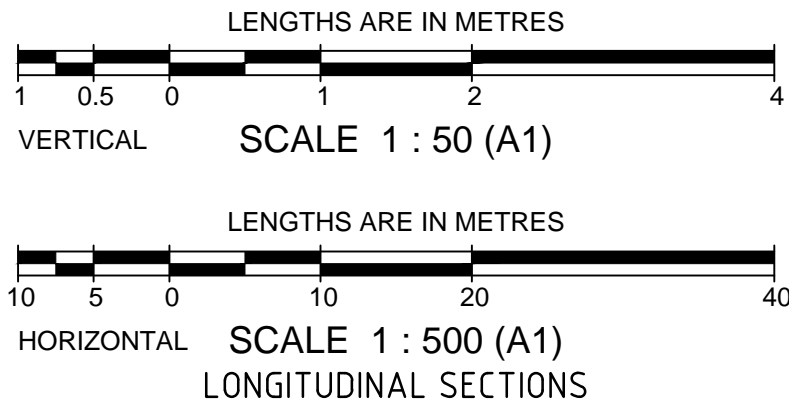
CHA 119.050




LONGITUDINAL SECTION (Rd10)

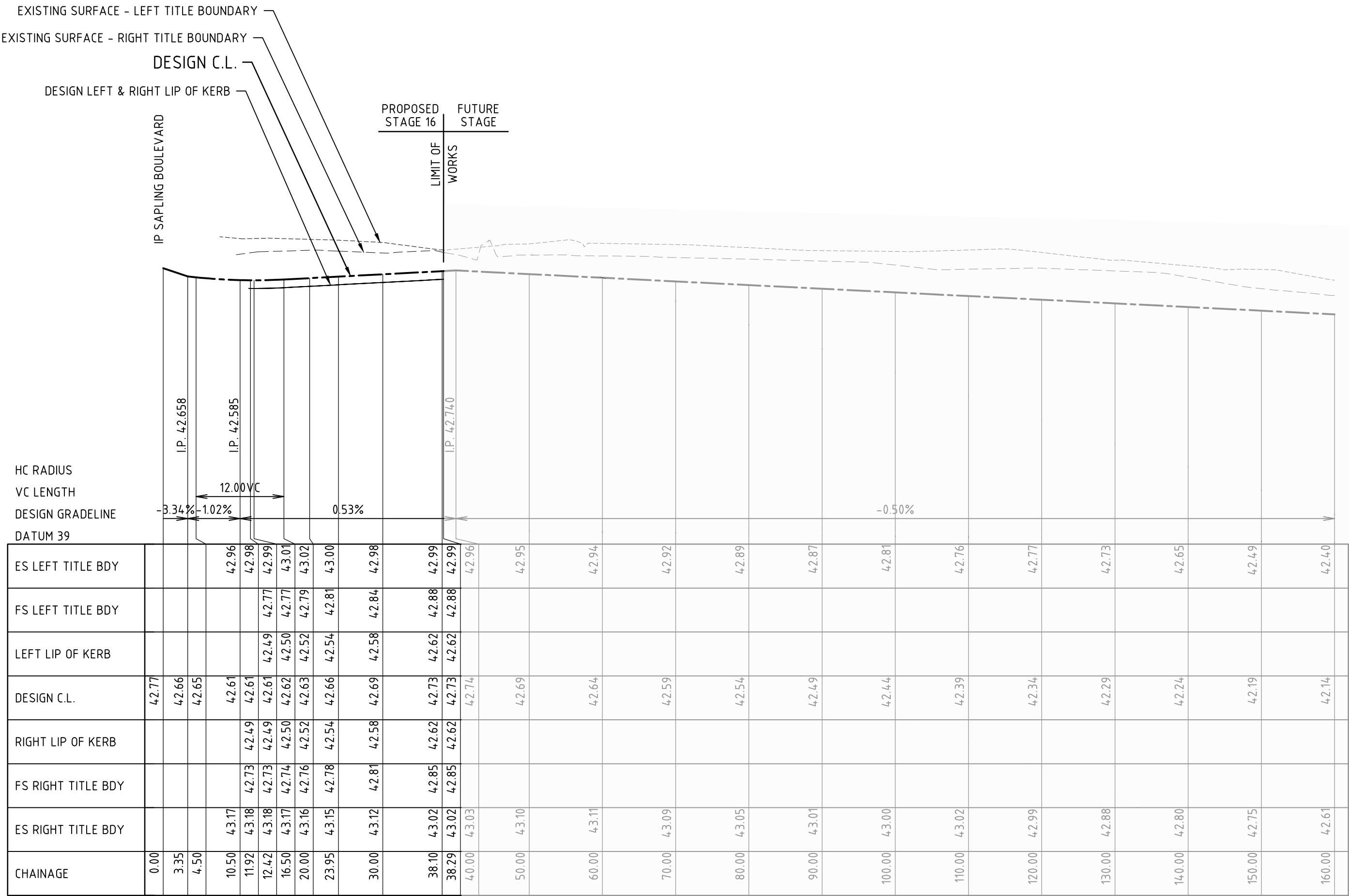
H 1:500 V 1:50

FRESCO WAY



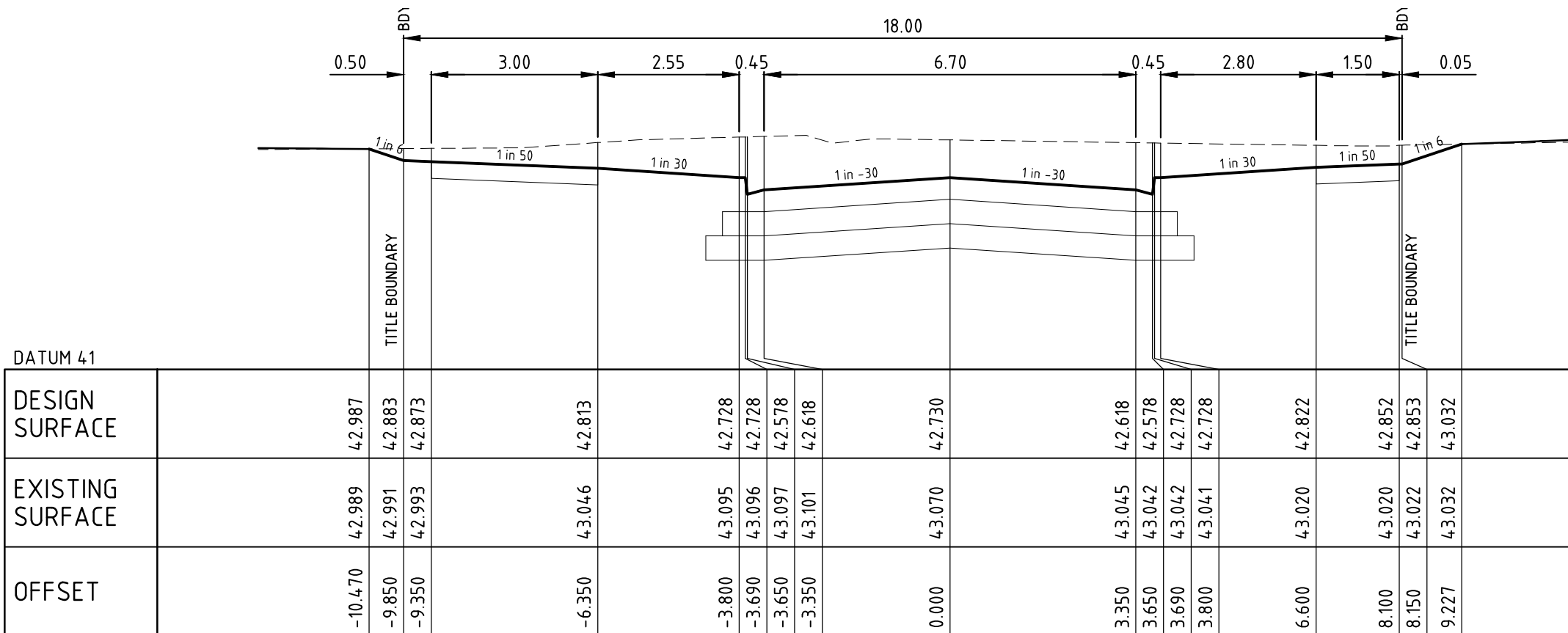
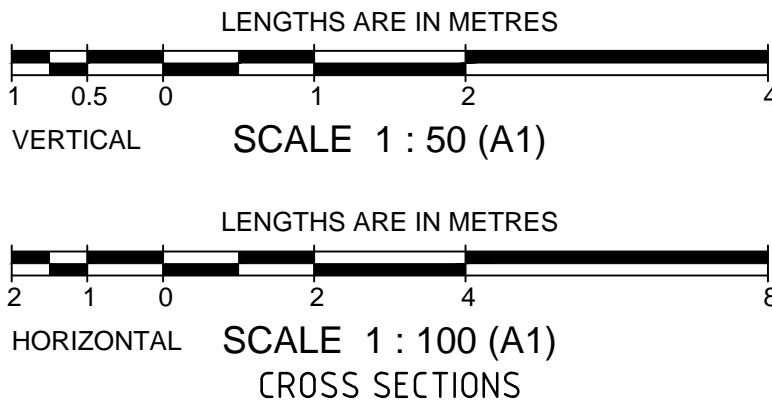
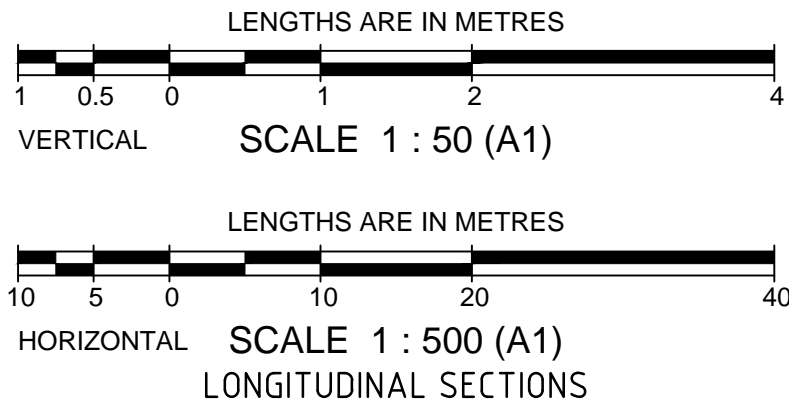
PRELIMINARY

						breese pitt dixon Pty. Ltd.			1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
						land surveyors			civil engineers			
			MELWAY REF. 360-F10			ROTHWELL WEST STAGE 16 FRESCO WAY			MUNICIPALITY WYNDHAM			
			SURVEY BPD						REFERENCE			
			DESIGN TBC						8584 E/16			
			DRAWN									
VER	DATE	REMARKS	CHECKED	SCALE	As Shown	DATUM	AHD	DATE	Oct'17	SHEET	8 OF 18	P2

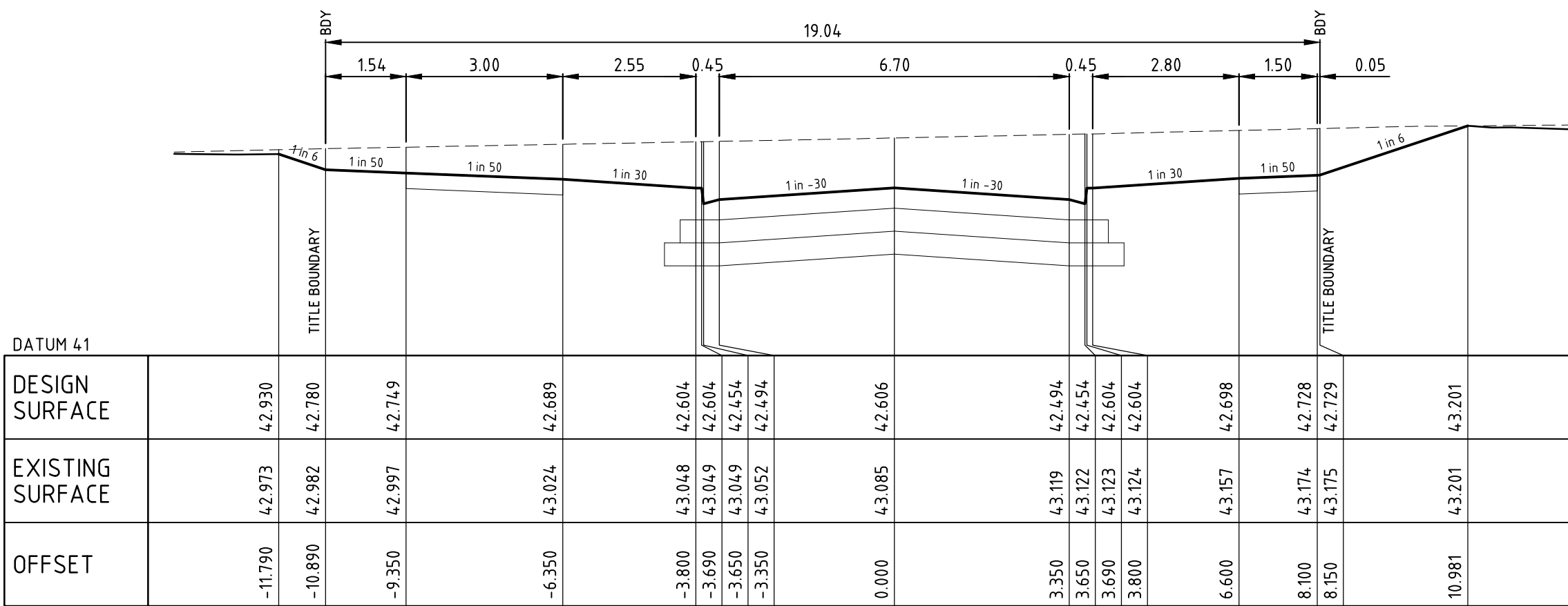


H 1:500 V 1:50

FUSE DRIVE




CHA 38.100

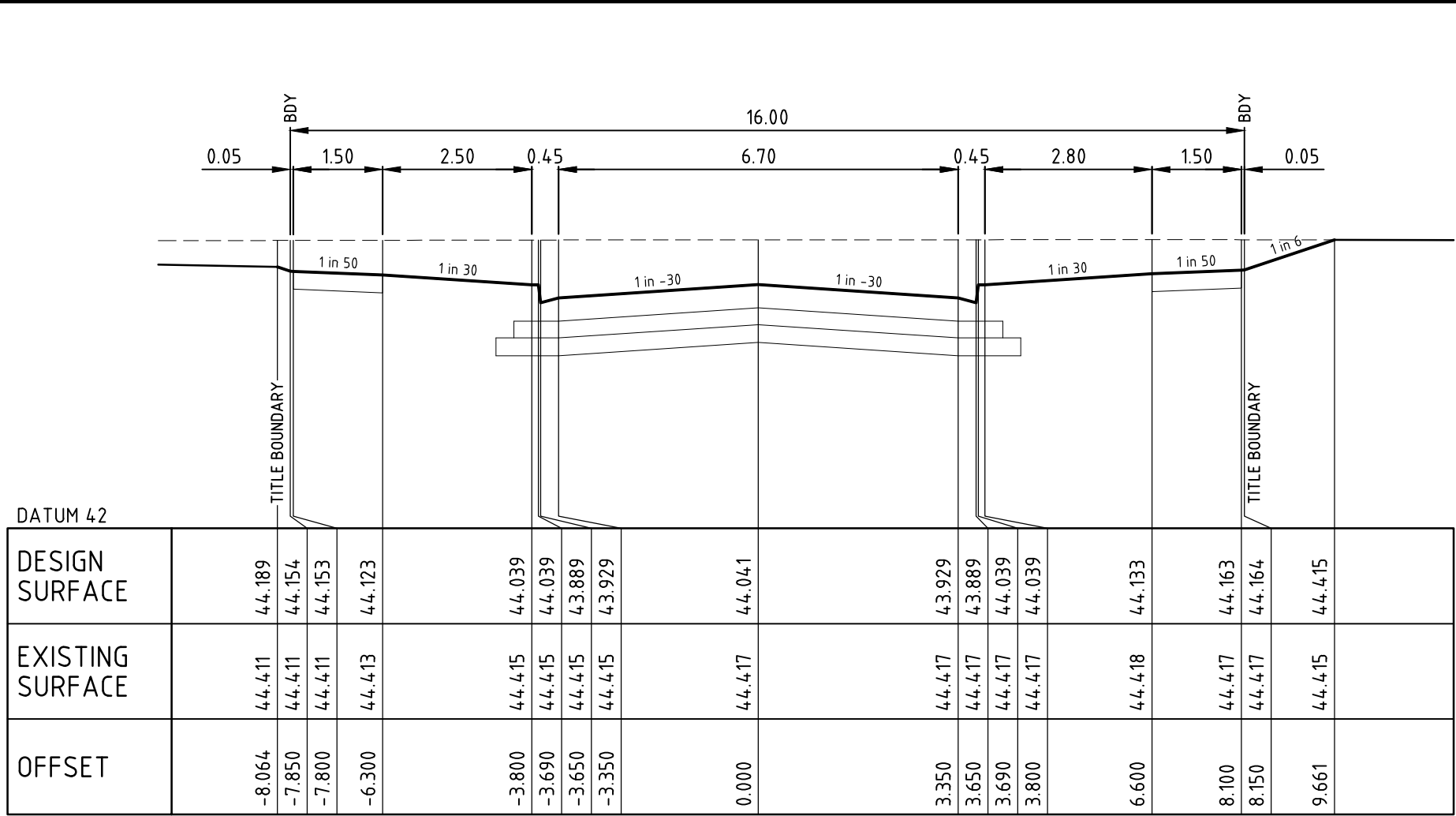


CHA 11.924

CROSS SECTIONS

H 1:100 V 1:50

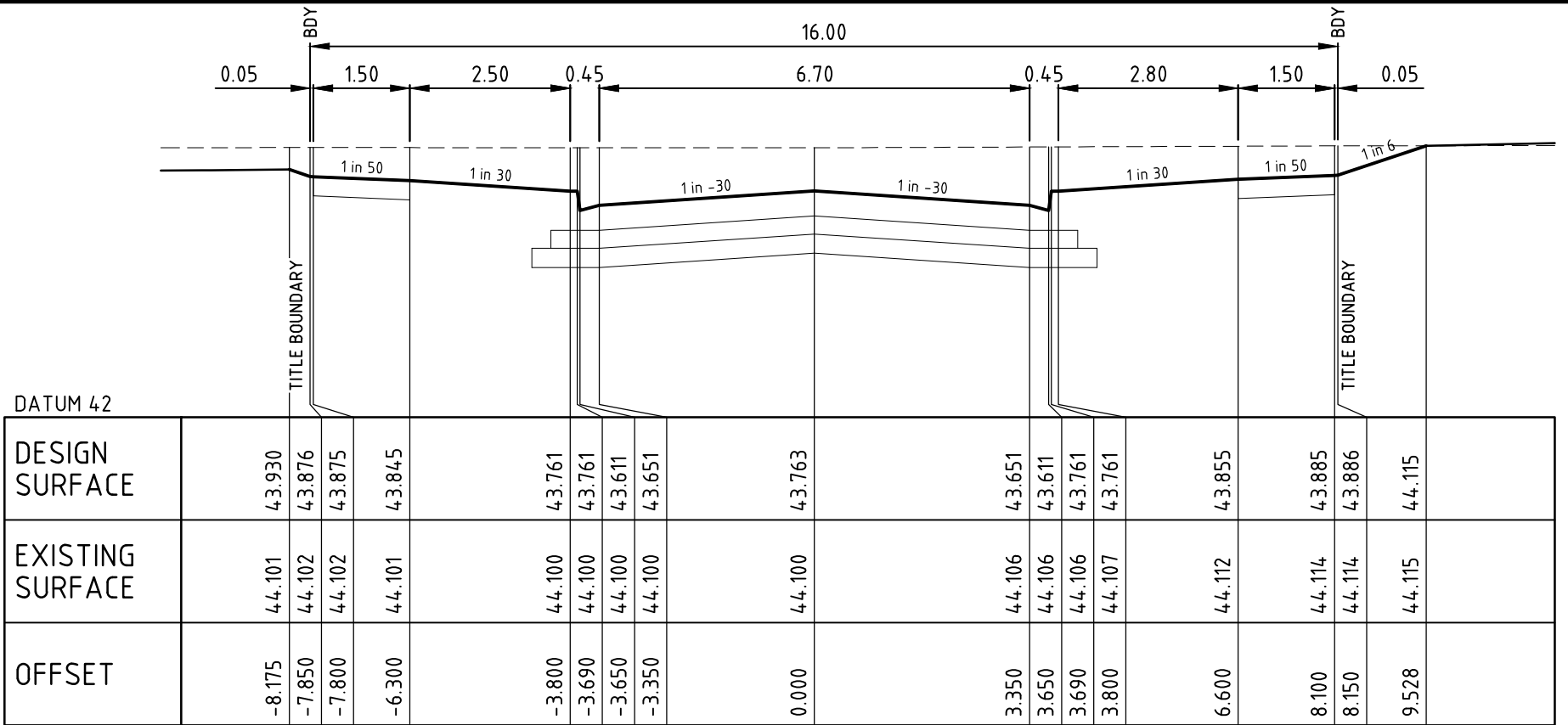
AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers			1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
				MELWAY REF.	360-F10	ROTHWELL WEST STAGE 16 FUSE DRIVE			MUNICIPALITY			
			SURVEY	BPD	WYNDHAM							
			DESIGN	TBC								
			DRAWN									
VER	DATE	REMARKS	CHECKED	SCALE	As Shown	DATUM	AHD	DATE	Oct'17	SHEET	9 OF 18	P2



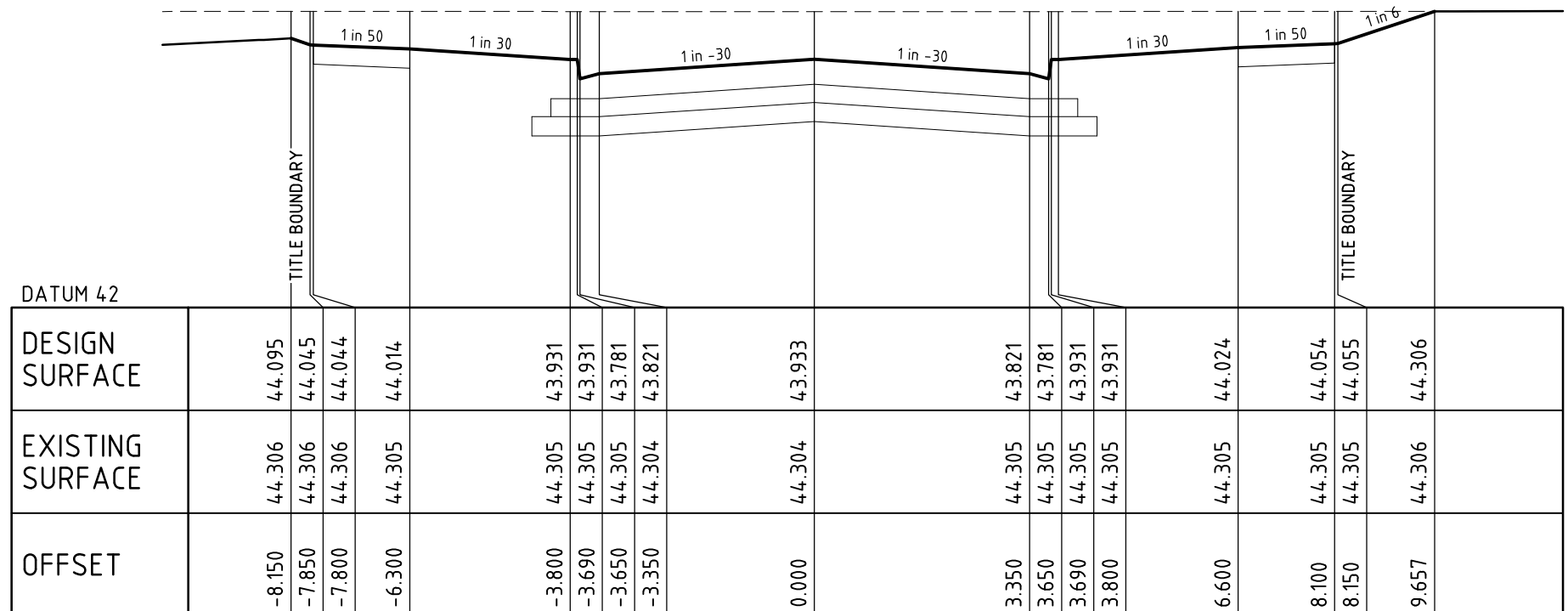
CHA 99.850

CROSS SECTIONS

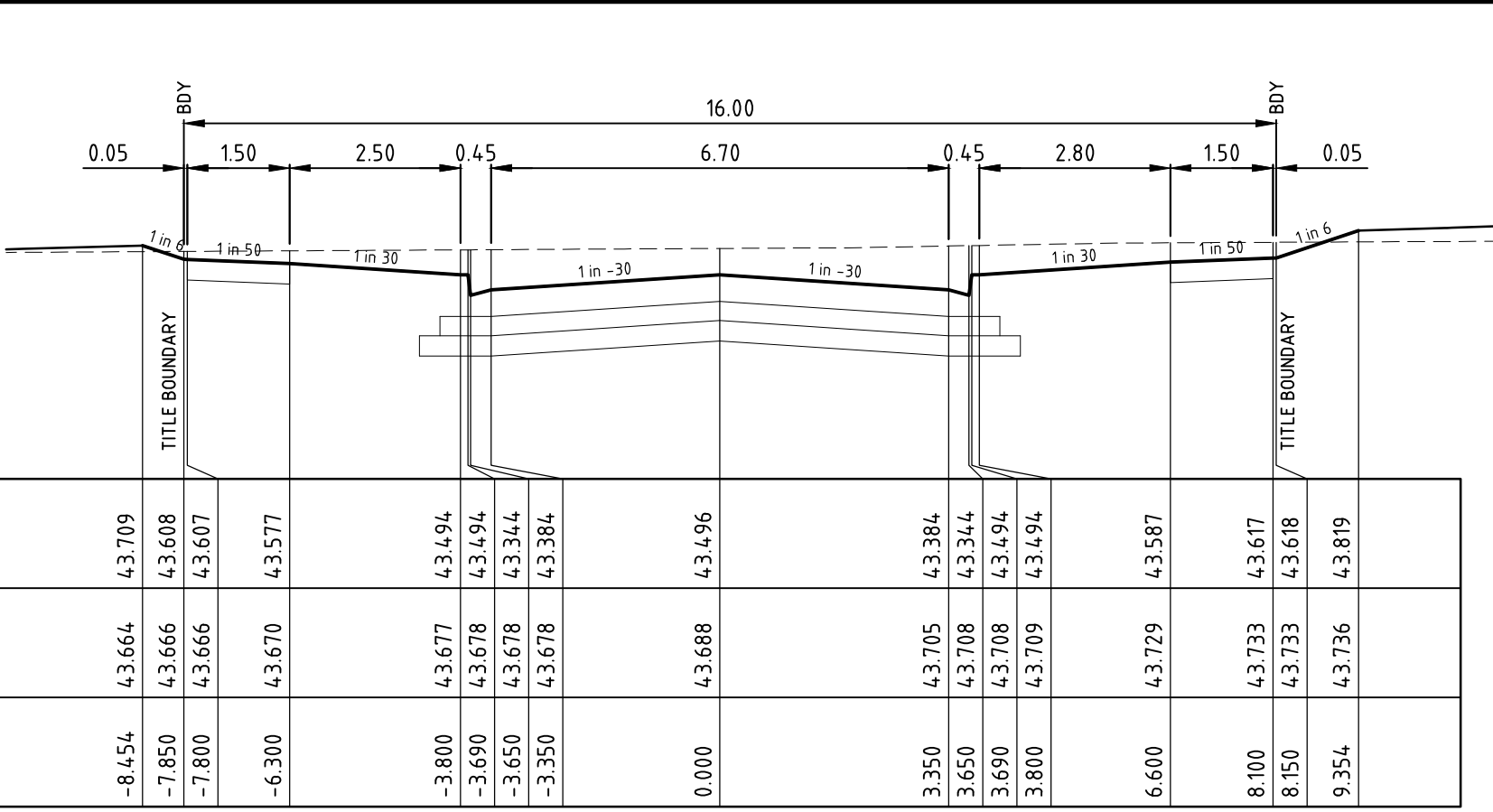
H 1:100 V 1:50



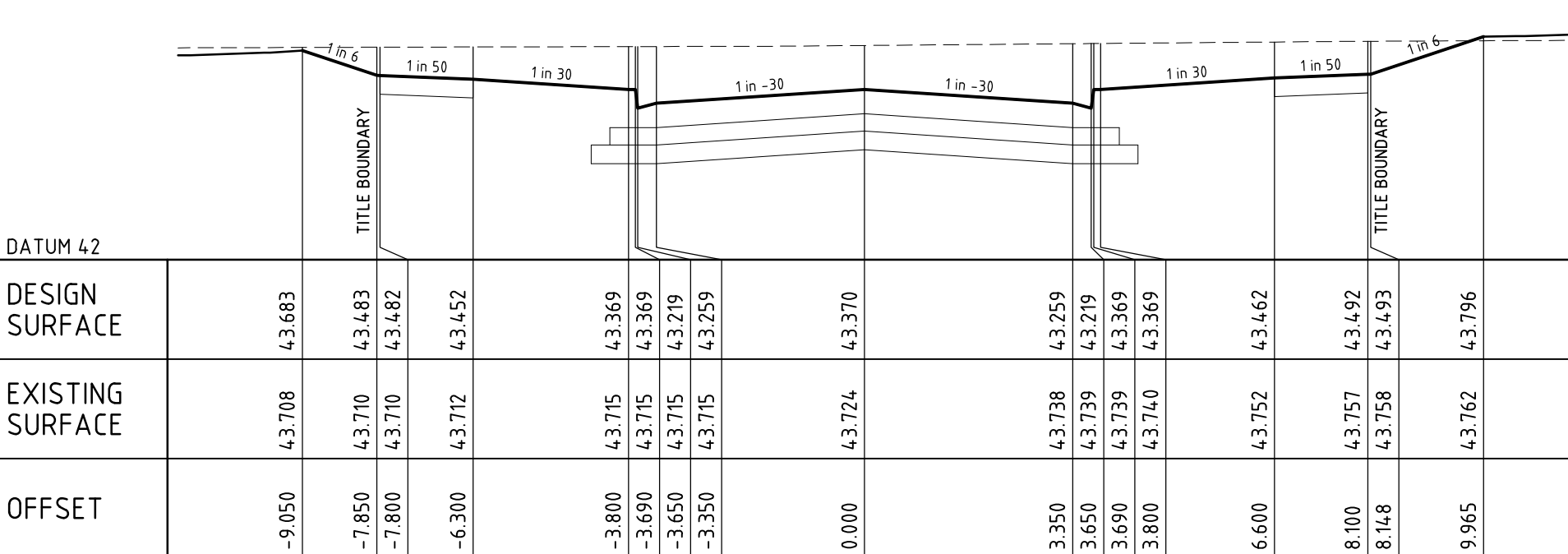
CHA 146.180



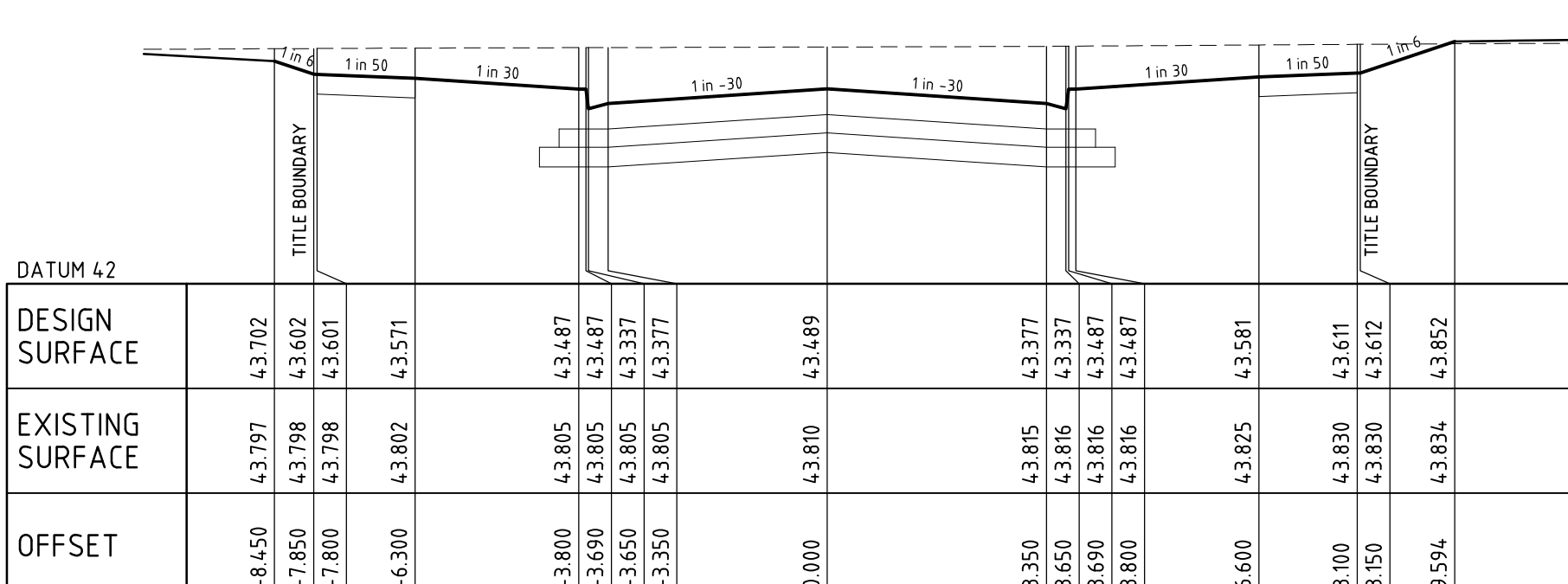
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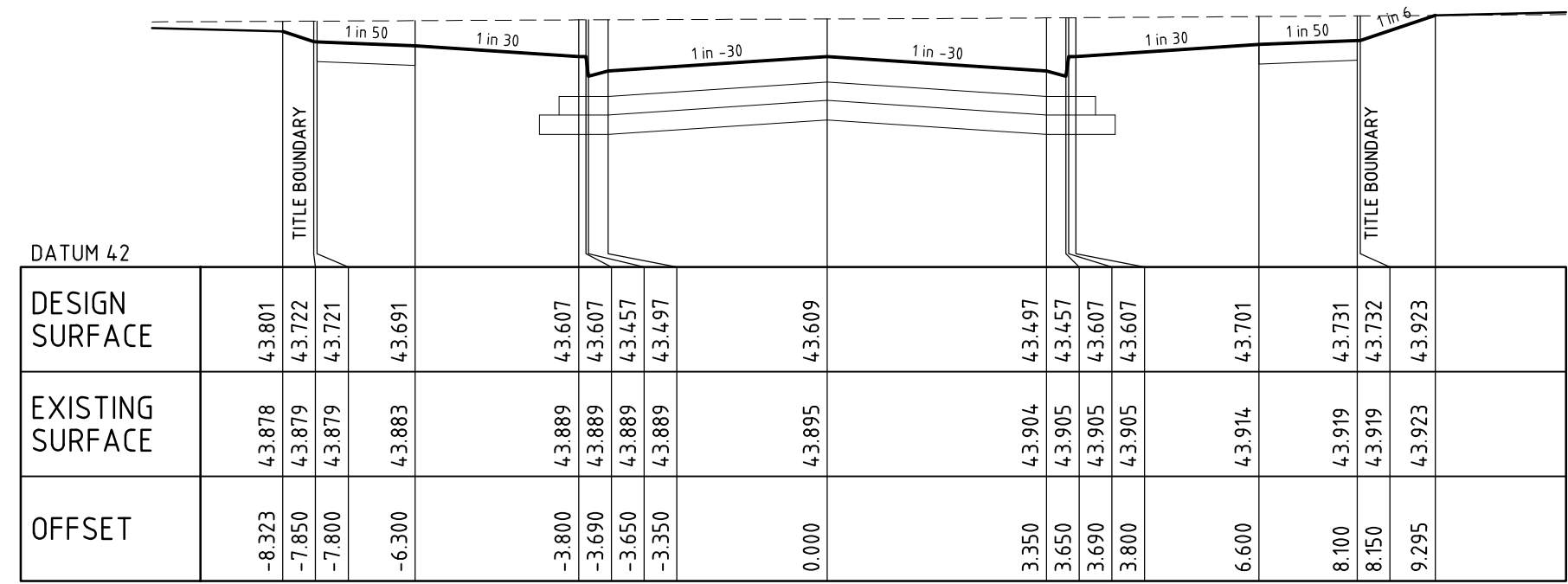
CHA 248.100



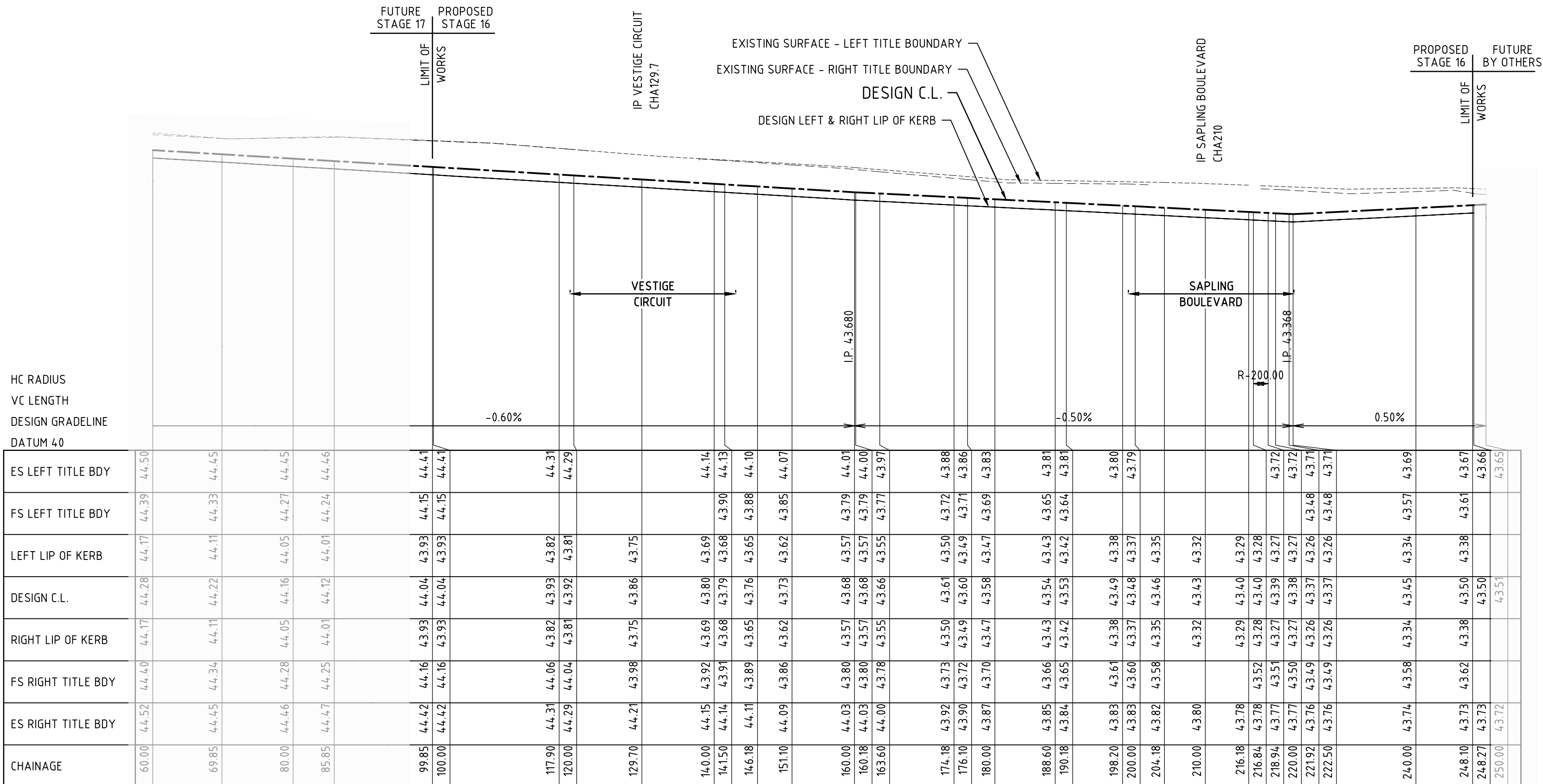
CHA 221.924



CHA 198.200



CHA 174.180



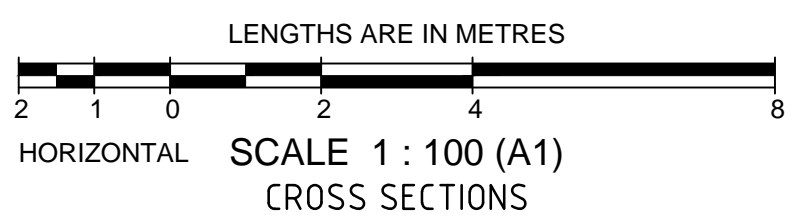
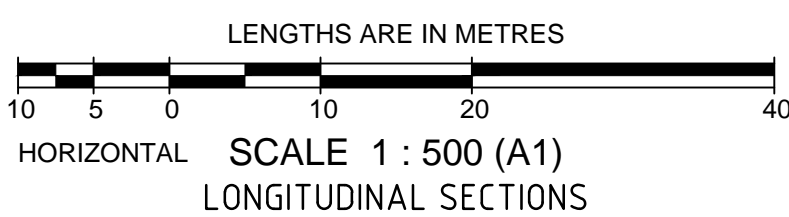
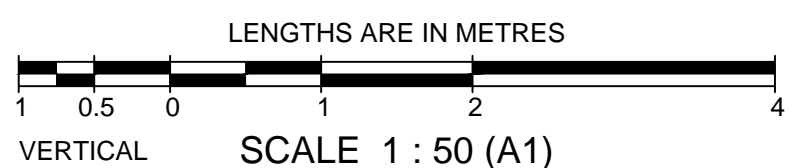
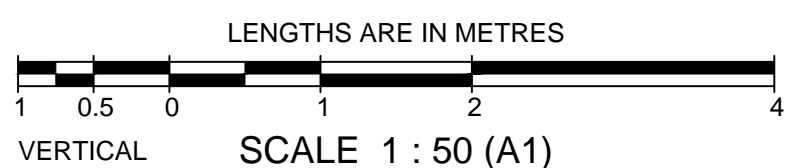
LONGITUDINAL SECTION (Rd12)

H 1:500 V 1:50

UNITED AVENUE

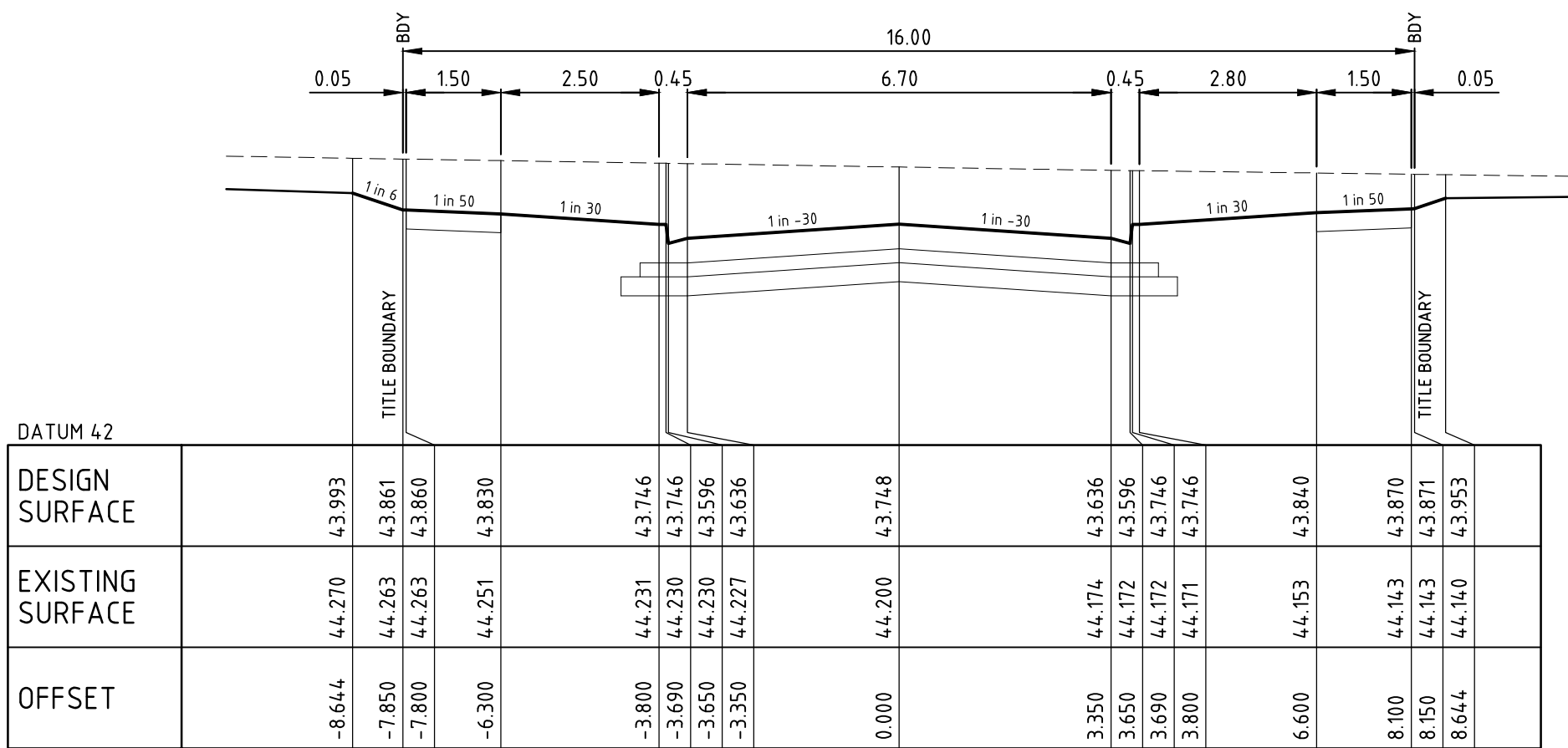


FILL AREAS TO BE
COMPACTED TO 98% SDDR
TO ACHIEVE MIN CBR OF 2%



PRELIMINARY

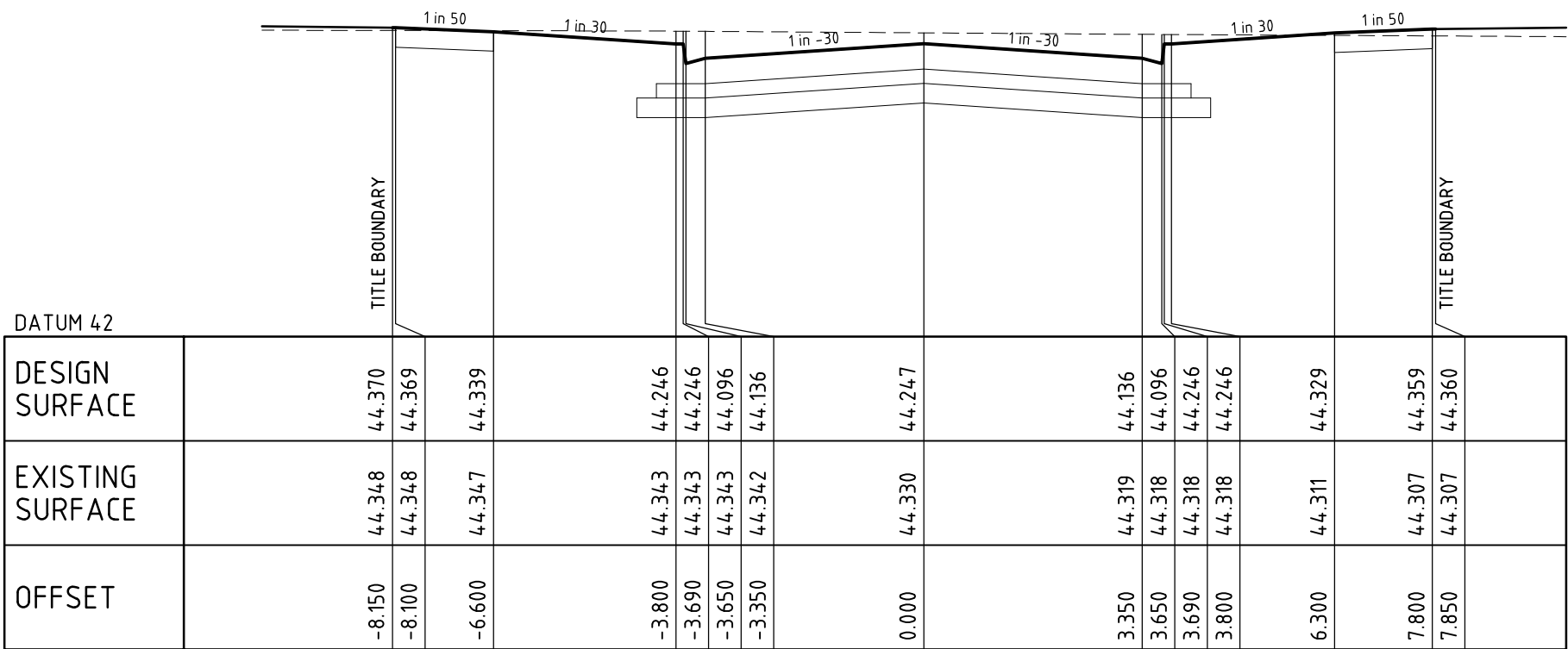
BRESEE PITT DIXON PTY. LTD. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 360-F10		MUNICIPALITY WYNDHAM	
SURVEY BPD		REFERENCE 8584 E/16	
DESIGN TBC		SHEET 10 OF 18	
DRAWN		P2	
CHECKED		As Shown	
DATE		AHD	
REMARKS		OCT'17	



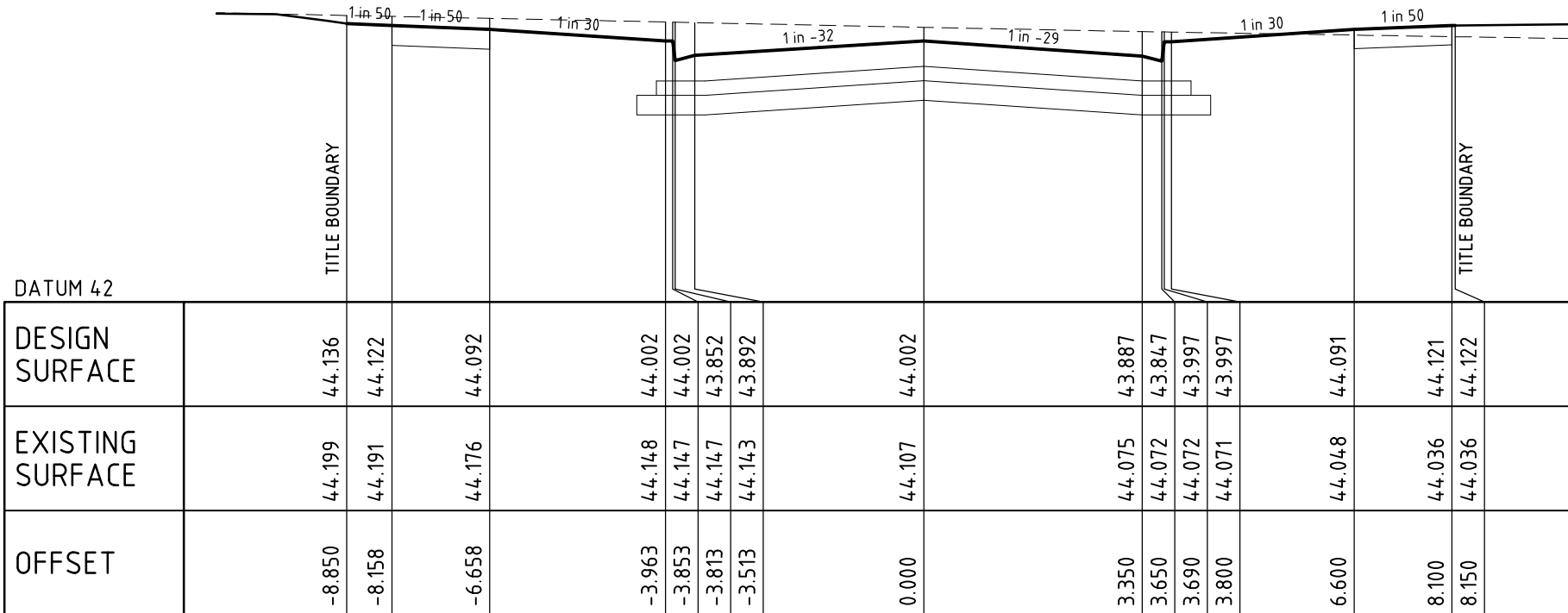
CHA 22.100

CROSS SECTIONS

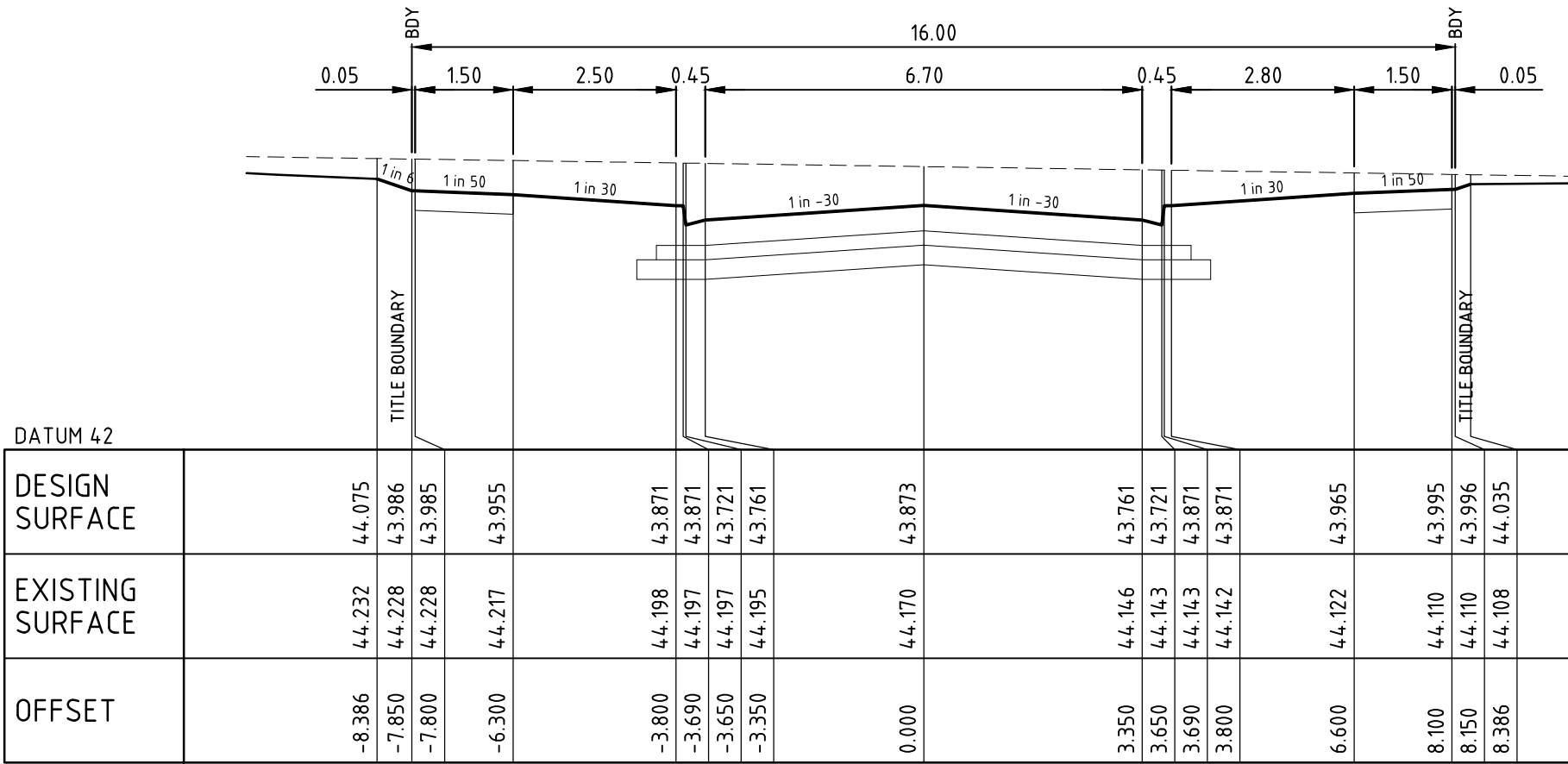
H 1:100 V 1:50



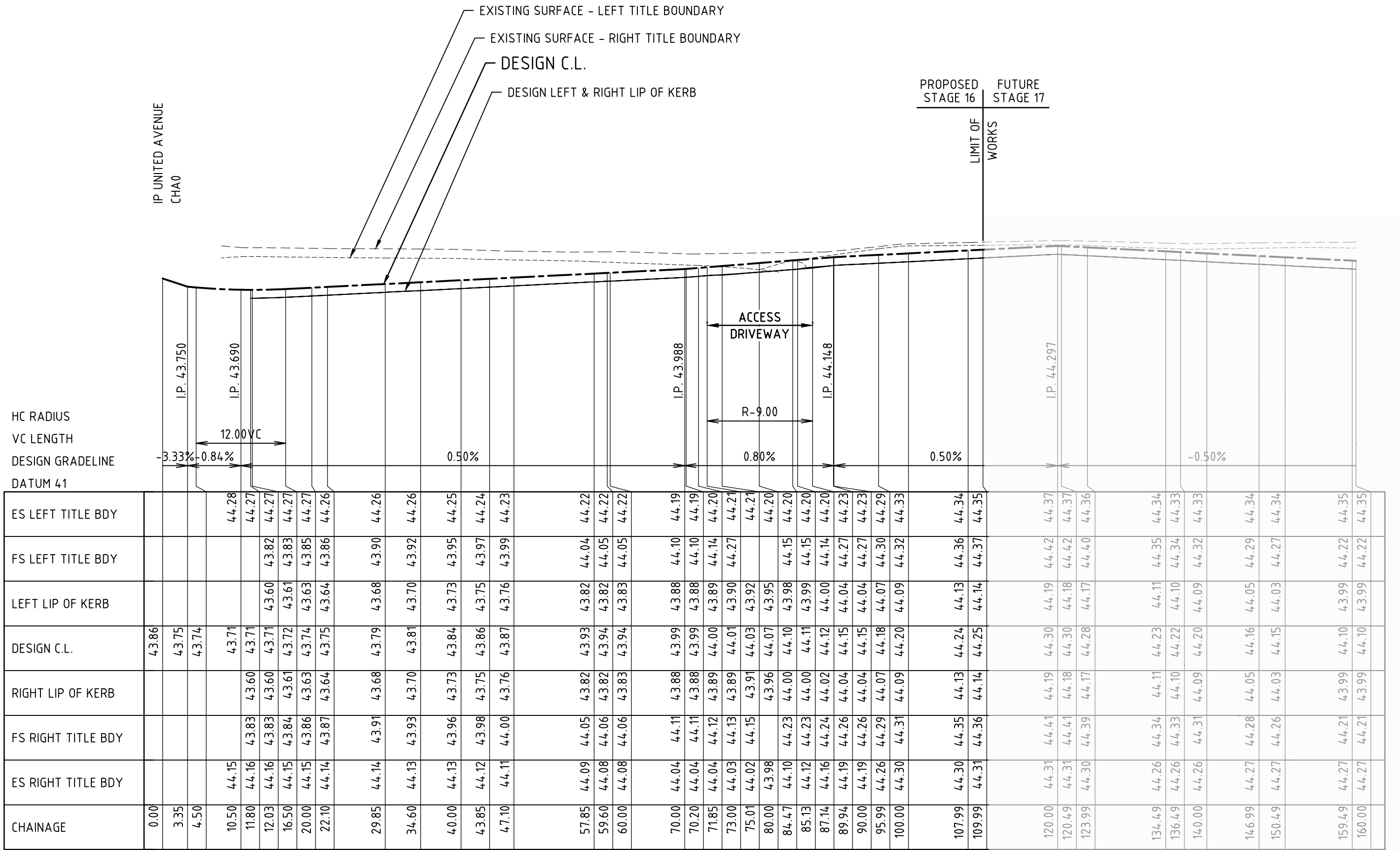
CHA 109.990



CHA 71.850



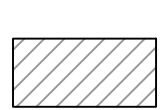
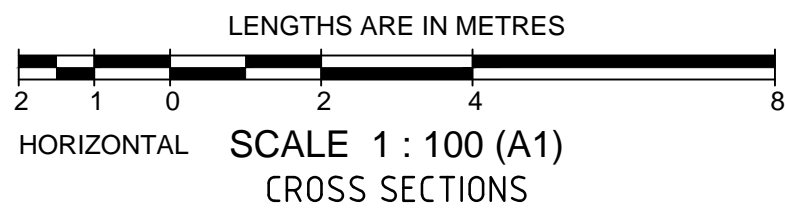
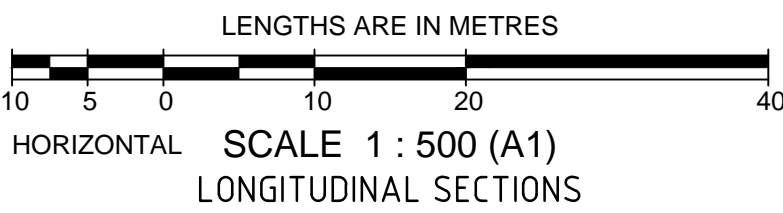
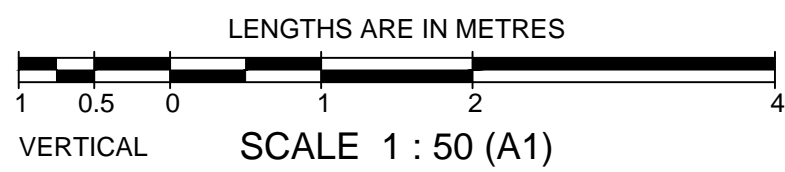
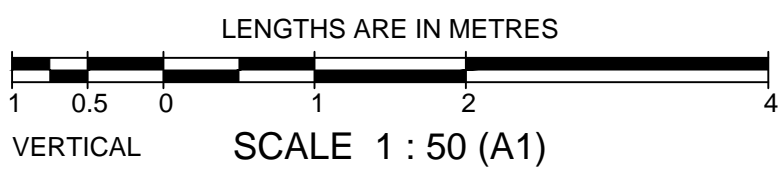
CHA 47.100



LONGITUDINAL SECTION (RD13)


H 1:500 V 1:50

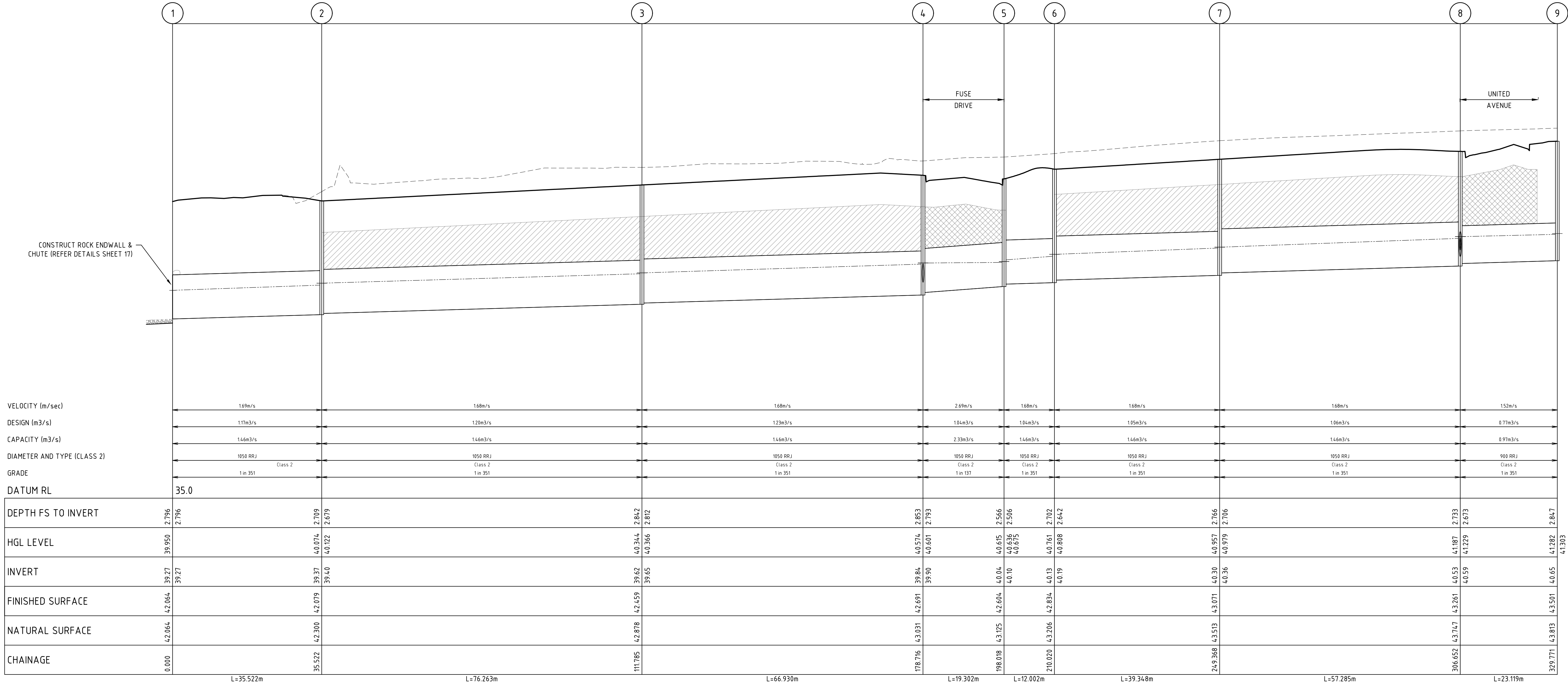
VESTIGE CIRCUIT



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

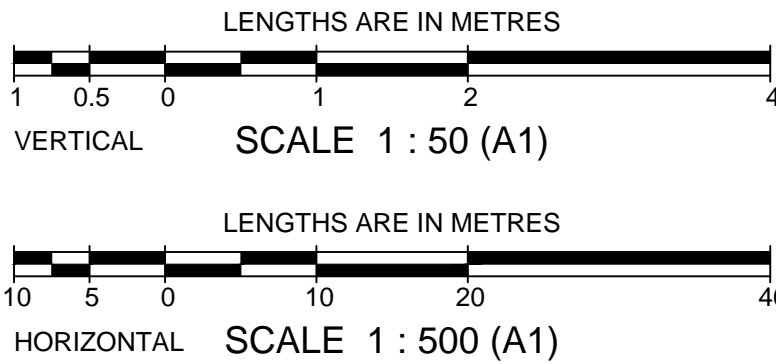
PRELIMINARY

APPENDICES					breese pitt dixon pty. ltd. land surveyors civil engineers				1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
				MELWAY REF. 360-F10	ROTHWELL WEST STAGE 16 VESTIGE CIRCUIT				MUNICIPALITY	WYNDHAM			
			SURVEY BPD	REFERENCE									
			DESIGN TBC										
			DRAWN										
VER	DATE	REMARKS		CHECKED	SCALE	As Shown	DATUM	AHD	DATE	Oct'17	SHEET	11 OF 18	P2

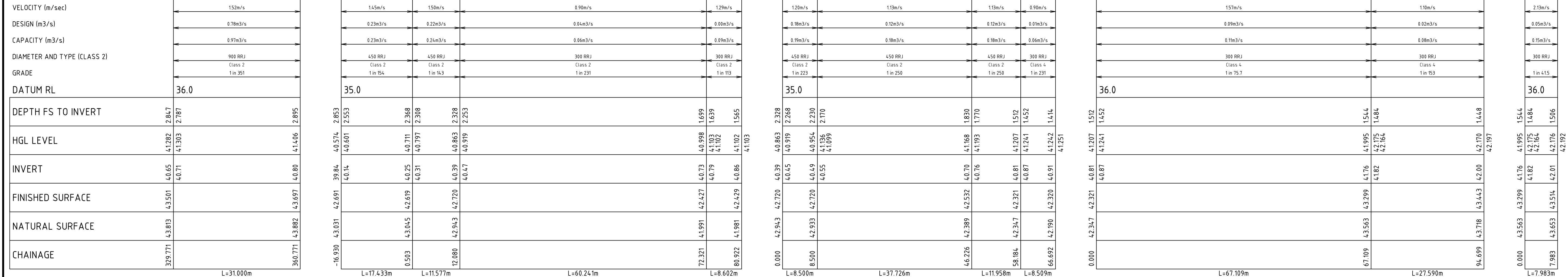


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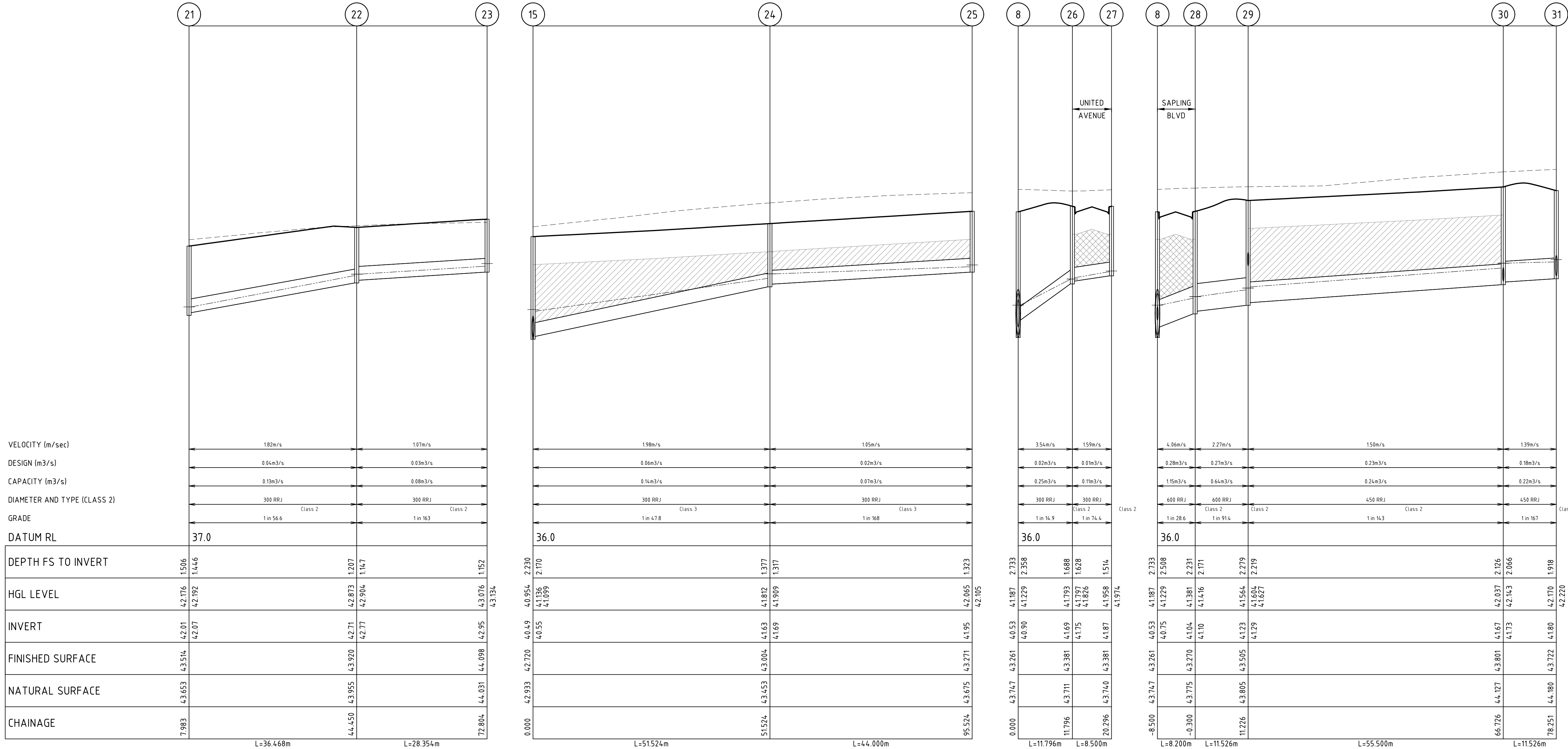
- EXISTING SURFACE
- FINISHED SURFACE
- HYDRAULIC GRADE LINE (5yr)
- DENOTES CLASS 3 CRUSHED ROCK BACKFILL
- IN ROAD RESERVES (PAVEMENT NOT SHOWN)
- DENOTES CLASS 2 CRUSHED ROCK BACKFILL
- UNDER ROAD CROSSINGS (PAVEMENT NOT SHOWN)



AMENDMENTS		MELWAY REF. 360-F10		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		SURVEY BPD		ROTHWELL WEST STAGE 16		MUNICIPALITY WYNDHAM	
		DESIGN TBC		DRAINAGE LONGITUDINAL SECTIONS - SHEET 1		REFERENCE 8584 E/16	
		DRAWN					
VER	DATE	REMARKS	CHECKED	SCALE As Shown	DATUM AHD	DATE Oct'17	SHEET 13 OF 18
							P2

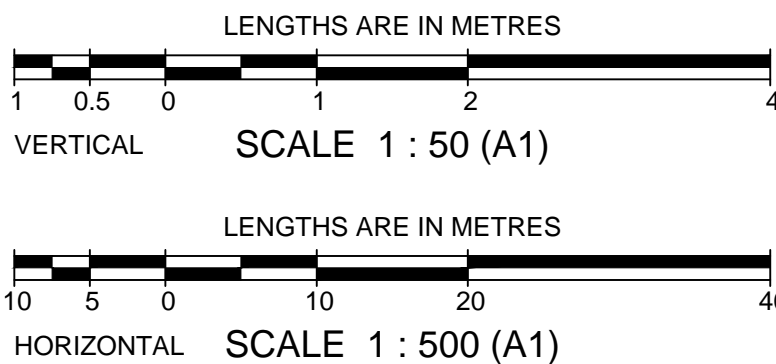


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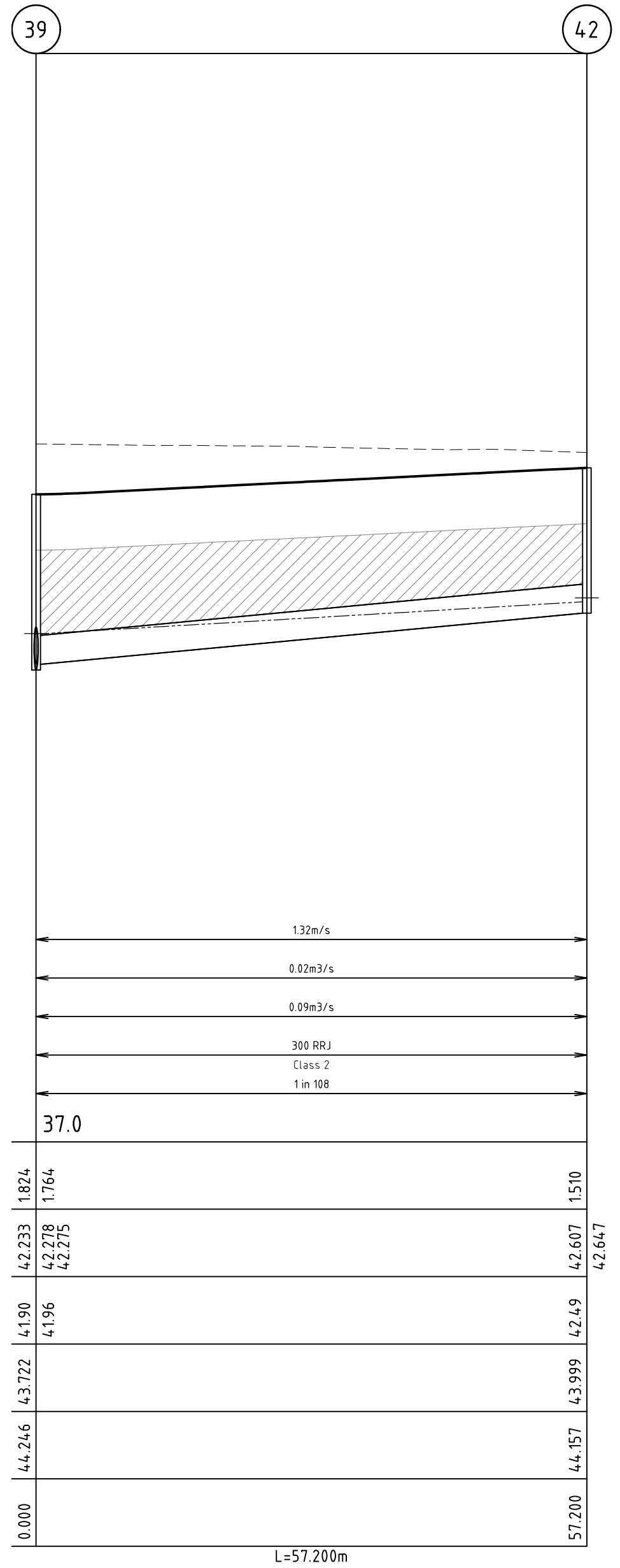
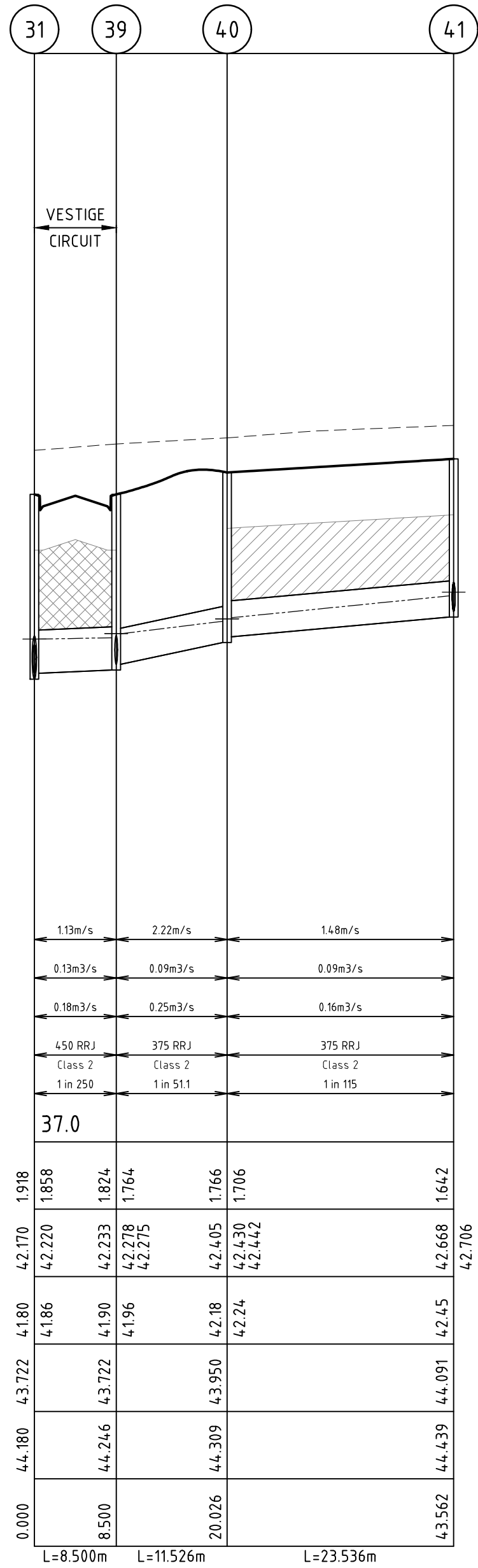
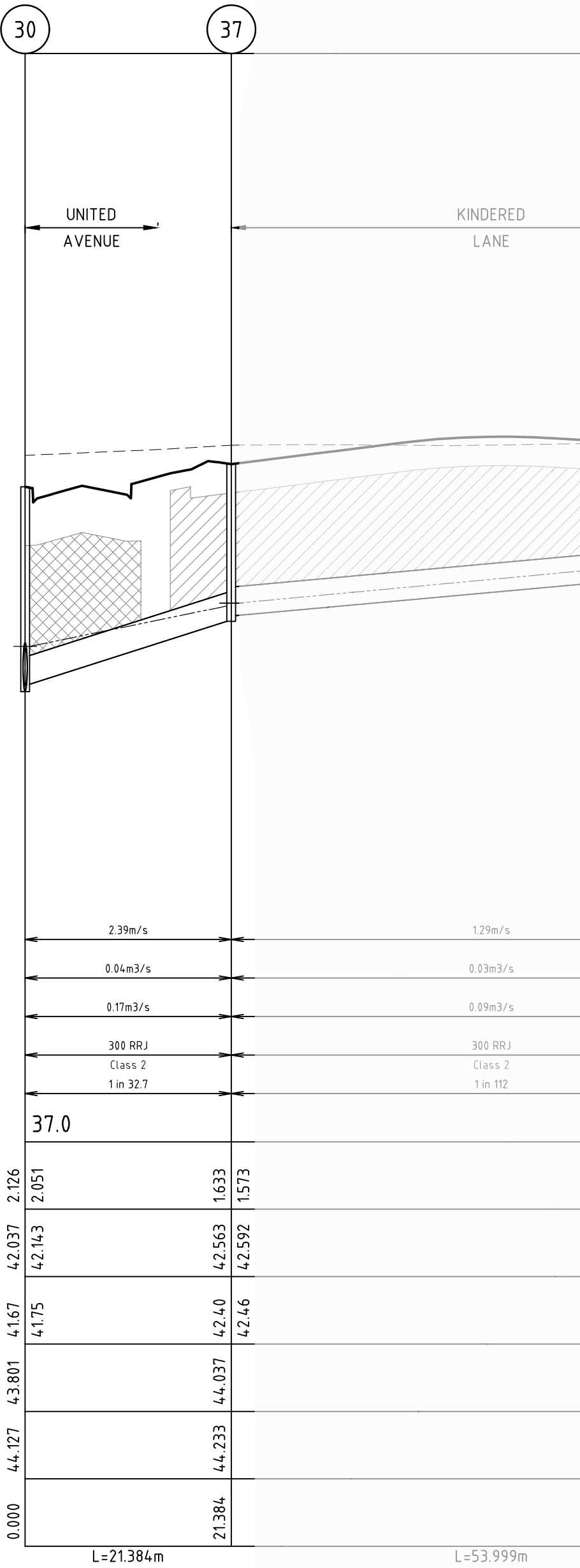
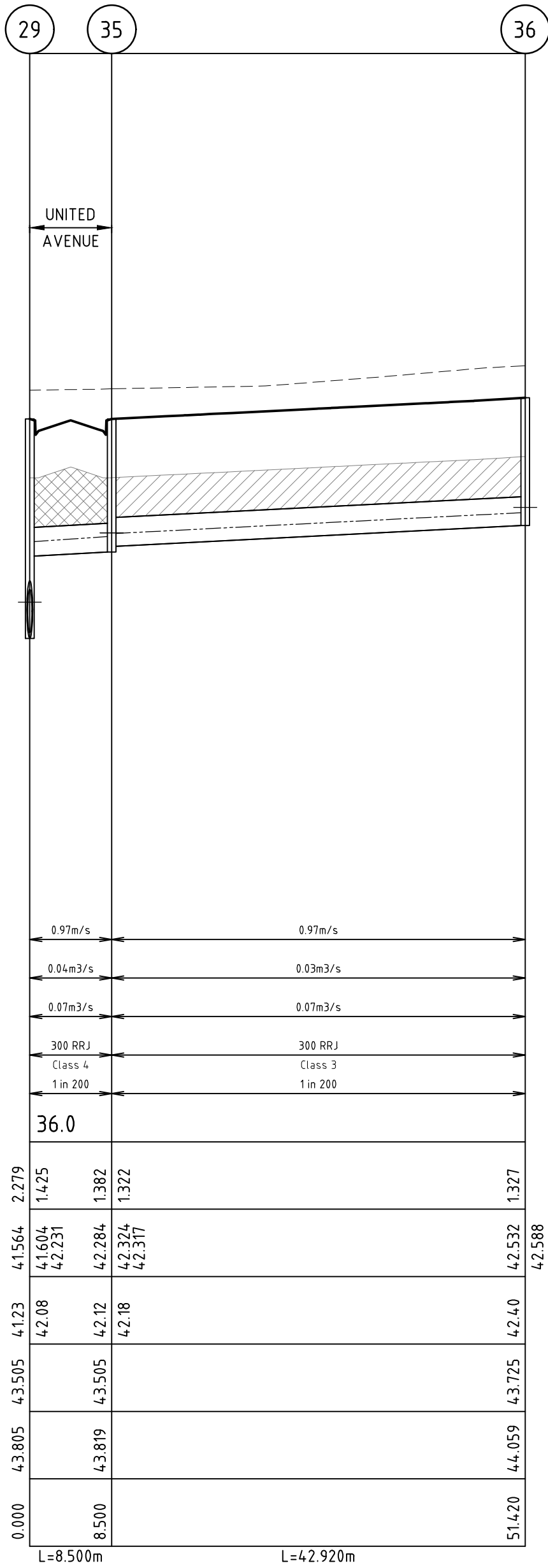
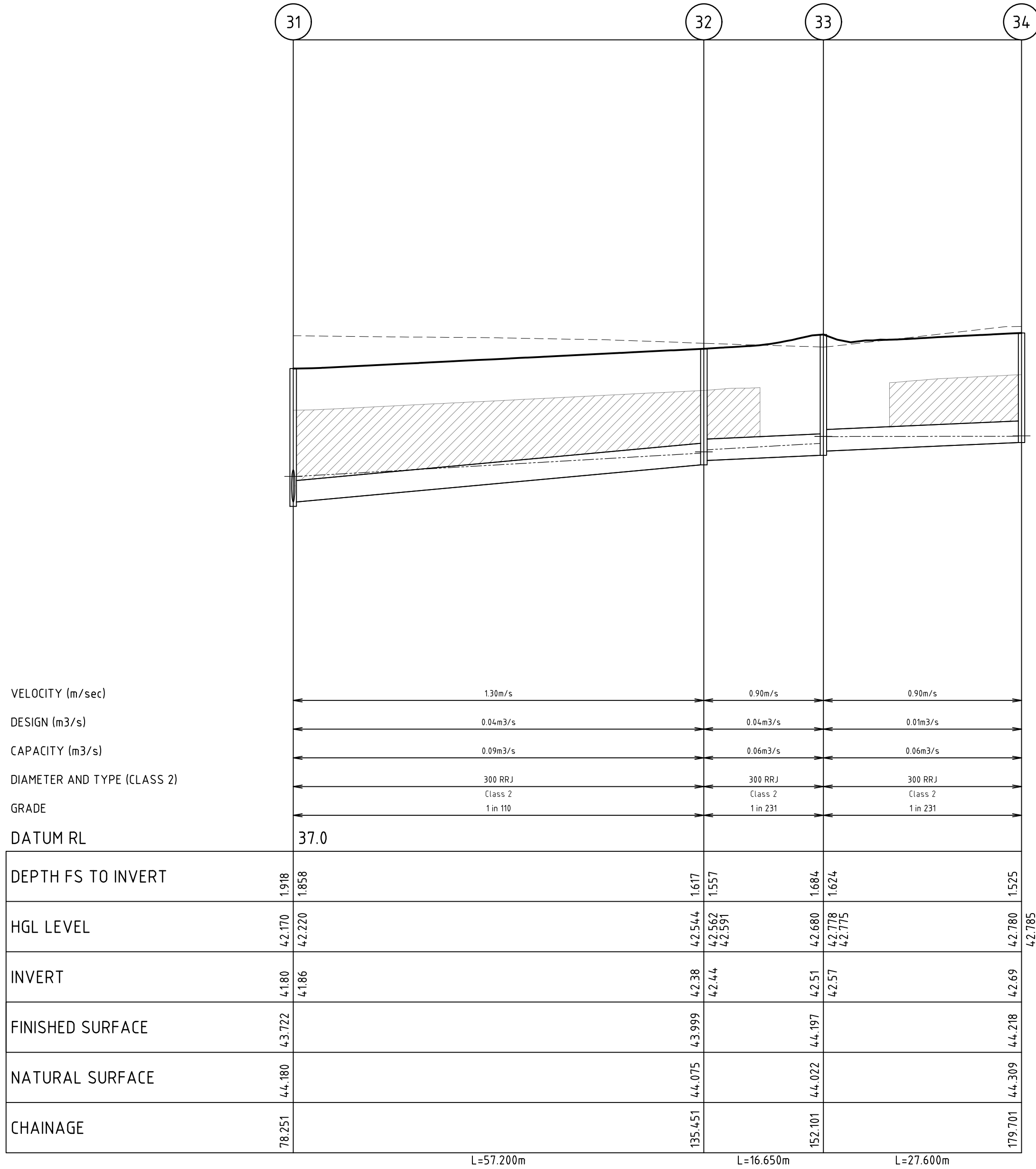


LEGEND

- EXISTING SURFACE
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- HYDRAULIC GRADE LINE (5yr)
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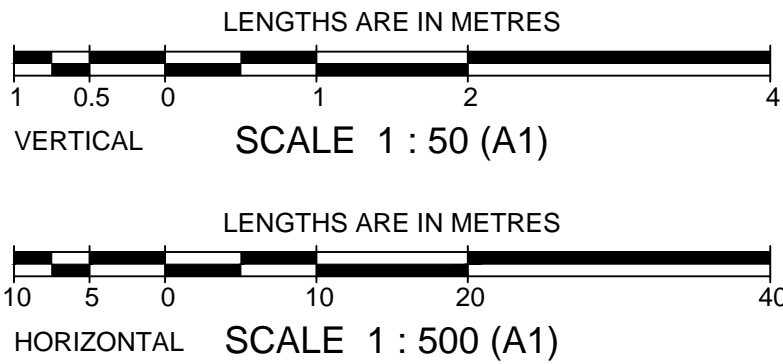


AMENDMENTS		brees pitt dixon pty. ltd. land surveyors civil engineers		1/19 calo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
MELWAY REF. 360-F10		SURVEY BPD		MUNICIPALITY WYNDHAM	
DESIGN TBC		DRAWN		REFERENCE 8584 E/16	
ROTHERWELL WEST STAGE 16		DRAINAGE LONGITUDINAL SECTIONS - SHEET 3		SHEET 15 OF 18	
CHECKED		SCALE As Shown		DATE Oct'17	
DATE		DATUM AHD		P2	
REMARKS		DATE		P2	

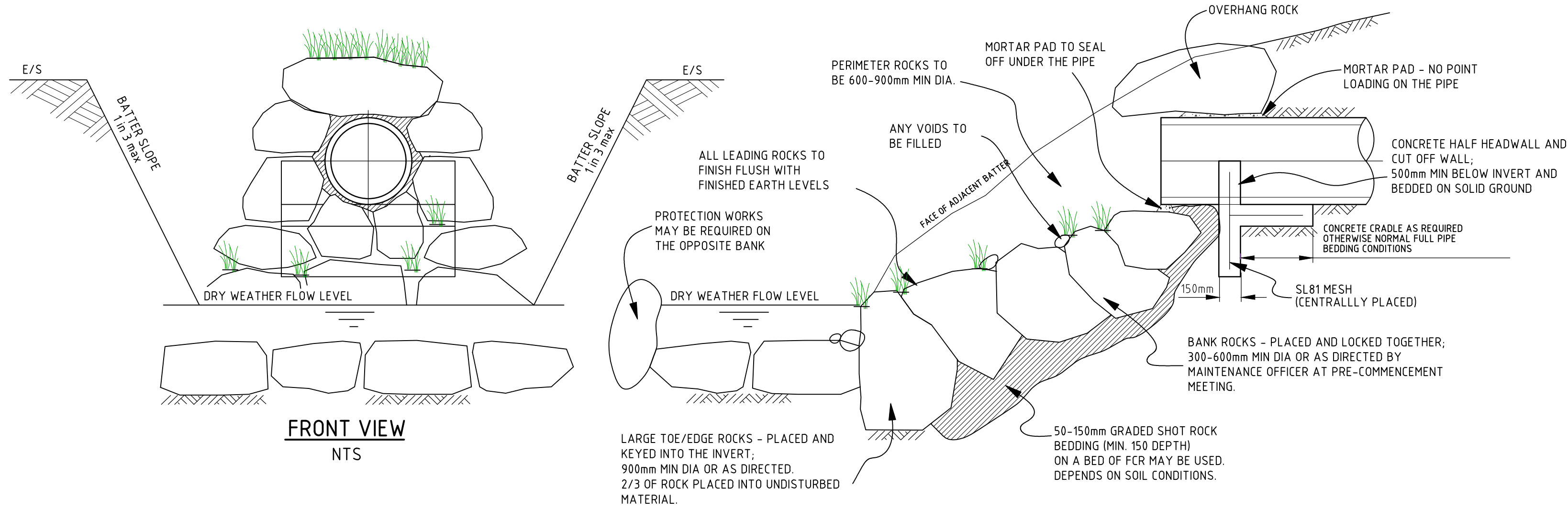


LEGEND

- 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)



AMENDMENTS		MELWAY REF. 360-F10		BRESEE PITT DIXON PTY. LTD.		MUNICIPALITY	
VER.	DATE	SURVEY	DESIGN	LAND SURVEYORS	CIVIL ENGINEERS	WYNDHAM	REFERENCE
		BPD	TBC			8584	E/16
ROTHWELL WEST STAGE 16				DRAINAGE LONGITUDINAL SECTIONS - SHEET 4			
CHECKED		SCALE As Shown		DATUM AHD		DATE Oct'17	
SHEET 16 OF 18		P2					



MELBOURNE WATER CREEK CONNECTION

NOTES

- 15m/SEC MAX. OUTLET VELOCITY.
- OUTLET PIPE TO BE SET BACK INTO THE FINISHED BATTER SLOPE, POINTING A MAX. OF 45 DEGREES DOWNSTREAM.
- SEDGES AND GRASSES MUST BE PLACED IN BETWEEN VOIDS WITHIN ROCK CHUTE AT 3-4 PLANTS PER m2 TO PROVIDE ADDITIONAL SCREENING. SHRUBS & SMALL TREES MUST ALSO BE PLACED AROUND THE POST BARRIER TO SCREEN FLOWS AND STABILISE THE GROUND WHERE NEEDED.
- ROCKS ABUTTING THE PIPE TO HAVE A MORTAR PAD BETWEEN THE ROCK AND THE OUTSIDE EDGE OF THE PIPE (NO POINT LOADING).
- ROCKWORK PROTECTION REQUIRED FOR THE BED AND BANKS, FROM THE END OF PIPE TO THE LOW FLOW WATER LEVEL. ROCK PROTECTION REQUIRED FOR THE FULL EROSION PROJECTION OF THE OPPOSITE BANK AND BED AS REQUIRED FOR THE WATER FLOW PROFILE WHEN THE OUTLET IS FLOWING FULL.
- ROCKS WITHIN THE BASE TO BE PLACED ON A FCR BEDDING TO ENSURE THE STORMWATER DISCHARGE IS FLOWING OVER AND AROUND THE ROCKS DOWN INTO THE CREEK, AND NOT UNDERNEATH. THE REMAINING EXPOSED DIMENSION OF THE ROCKWORK IS TO BE A MINIMUM OF 150mm.
- DISTURBED AREAS OF EXISTING BANK RESULTING FROM THESE WORKS ARE TO BE STABILISED WITH REVEGETATION.
- THE OUTLET MUST BE INTEGRATED INTO THE BANK AND SURROUNDING LANDSCAPE TO MAXIMISE AESTHETICS AND MINIMISE IMPACTS.
- TOE AND SIDE ROCKS ARE TO BE ADEQUATELY KEYED INTO THE BED OF THE CREEK.
- ALL VOIDS SHALL BE FILLED WITH SMALLER ROCKS.
- APPROPRIATE SILT/DEBRIS CONTROL MEASURES MUST BE INSTALLED.
- PINE POST AND RAIL BARRIER TO BE INSTALLED AROUND OUTLET STRUCTURE. RAILS MUST BE PERMANENTLY FIXED TO POSTS WITH NO ROTATIONAL MOVEMENT.

PROCEDURE:

- PRIOR TO THE COMMENCEMENT OF WORKS, ASSET SERVICES OFFICER TO BE CONTACTED TO DISCUSS ON SITE THE PROPOSED WORKS AND "PERMIT TO WORK". PROVIDE AT LEAST 5 WORKING DAYS NOTICE.
- THE CONSTRUCTION WORK ON THE WATERWAY, AND REINSTATEMENT OF THE AFFECTED AREA IS TO BE CARRIED OUT TO THE SATISFACTION OF MELBOURNE WATER'S MAINTENANCE COORDINATOR.
- EXCAVATE/BOX OUT TO ENABLE TOE AND PERIMETER ROCKS TO BE PLACED FIRST.
- KEY TOE ROCKS TO TWO THIRDS DIAMETER INTO UNDISTURBED MATERIAL.
- INFILL THE CHUTE WITH ROCK SPALLS. THE CONTRACTOR SHALL USE METHODS FOR HANDLING AND PLACEMENT OF ROCK THAT WILL AVOID SEGREGATION OF ROCK SIZE FRACTIONS.
- ROCK SHALL BE CAREFULLY PLACED INTO POSITION. ROCK SHALL NOT BE DUMPED DIRECTLY. IT IS IMPERATIVE THAT ROCK SPALLS USED TO FORM THE ROCK CHUTE ARE WELL GRADED WITH MINIMAL VOIDS TO PRODUCE A BLANKET OF INTERLOCKING ROCK.

DRAINAGE PIT SCHEDULE
Rothwell Estate - Stage 16

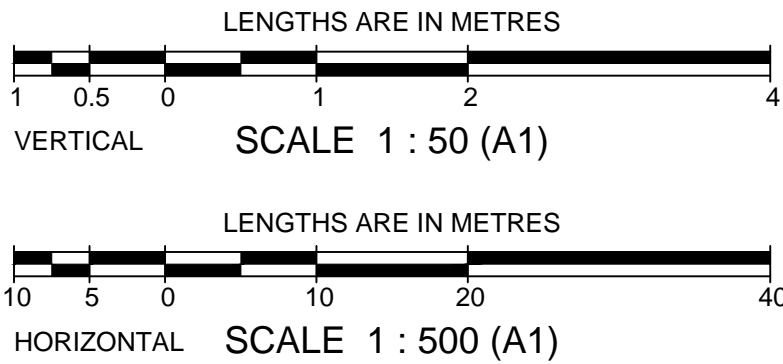
PIT No	PIT TYPE	INTERNAL		INLET		OUTLET		PIT		REMARKS
		WD	LEN	DIA	INV LEV	DIA	INV LEV	FINISHED COVER RL	DEPTH	
1	End Wall	-	-	1050	39.27			40.319	1.050	END WALL
2	Channel Grating Pit	1200	1350	1050	39.40	1050	39.37	42.079	2.709	MPA EDCM STD DWG 603 & 607 (HAUNCHED), REFER NOTE 4.
3	Channel Grating Pit	1200	900	1050	39.65	1050	39.62	42.459	2.842	MPA EDCM STD DWG 603 & 607 (HAUNCHED), REFER NOTE 4.
4	Junction Pit	1950	900	1050	39.90	1050	39.84	42.691	2.853	MPA EDCM STD DWG 607 (HAUNCHED), REFER NOTE 4.
				450	40.14			42.691	2.853	
5	Channel Grating Pit	1950	900	1050	40.10	1050	40.04	42.604	2.566	MPA EDCM STD DWG 603 & 607 (HAUNCHED), REFER NOTE 4.
6	Channel Grating Pit	1950	900	1050	40.19	1050	40.13	42.834	2.702	MPA EDCM STD DWG 603 & 607 (HAUNCHED), REFER NOTE 4.
7	Channel Grating Pit	1200	900	1050	40.36	1050	40.30	42.071	2.766	MPA EDCM STD DWG 603 & 607 (HAUNCHED), REFER NOTE 4.
8	Channel Grating Pit	1200	900	900	40.59	1050	40.53	43.261	2.733	MPA EDCM STD DWG 603 & 607 (HAUNCHED), REFER NOTE 4.
				300	40.90			43.261	2.733	
				600	40.75			43.261	2.733	
9	Grated Pit	1200	1200	900	40.71	900	40.65	43.501	2.847	MPA EDCM STD DWG 607 with CLASS 'D' COVER
10	End of Pipe	-	-			900	40.80	43.697	2.895	END OF PIPE
				900	40.80			43.697	2.895	
11	Channel Grating Pit	600	900	450	40.31	450	40.25	42.619	2.368	MPA EDCM STD DWG 603 & 605
12	Channel Grating Pit	600	900	300	40.47	450	40.39	42.720	2.328	MPA EDCM STD DWG 603 & 605
				450	40.45			42.720	2.328	
13	Double Channel Grated Pit	600	900	300	40.79	300	40.73	42.427	1.699	MPA EDCM STD DWG 604 & 605
14	Channel Grating Pit	600	900			300	40.86	42.429	1.565	MPA EDCM STD DWG 603 & 605
15	Channel Grating Pit	600	900	450	40.55	450	40.49	42.720	2.230	MPA EDCM STD DWG 603 & 605
				300	40.55			42.720	2.230	
16	Channel Grating Pit	600	900	450	40.76	450	40.70	42.532	1.830	MPA EDCM STD DWG 603 & 605
17	Double Channel Grated Pit	600	900	300	40.87	450	40.81	42.321	1.512	MPA EDCM STD DWG 604 & 605
				300	40.87			42.321	1.512	
18	Double Channel Grated Pit	600	900			300	40.91	42.320	1.414	MPA EDCM STD DWG 604 & 605
19	Channel Grating Pit	600	900	300	41.82	300	41.76	43.299	1.544	MPA EDCM STD DWG 603 & 605
				300	41.82			43.299	1.544	
20	Junction Pit	600	900			300	42.00	43.443	1.448	MPA EDCM STD DWG 605
21	Grated Pit	600	900	300	42.07	300	42.01	43.514	1.506	MPA EDCM STD DWG 605 with CLASS 'D' COVER
22	Grated Pit	600	900	300	42.77	300	42.71	43.920	1.207	MPA EDCM STD DWG 605 with CLASS 'D' COVER
23	Junction Pit	600	900			300	42.95	44.098	1.152	MPA EDCM STD DWG 605 with CLASS 'D' COVER
24	Channel Grating Pit	600	900	300	41.69	300	41.63	43.004	1.377	MPA EDCM STD DWG 603 & 605
25	Junction Pit	600	900			300	41.95	43.271	1.323	MPA EDCM STD DWG 605
26	Channel Grating Pit	600	900	300	41.75	300	41.69	43.381	1.688	MPA EDCM STD DWG 603 & 605
27	Channel Grating Pit	600	900			300	41.87	43.381	1.514	MPA EDCM STD DWG 603 & 605
28	Channel Grating Pit	750	900	600	41.10	600	41.04	43.270	2.231	MPA EDCM STD DWG 603 & 607 (HAUNCHED)
29	Future Channel Grating Pit	750	900	450	41.29	600	41.23	43.505	2.279	MPA EDCM STD DWG 603 & 607 (HAUNCHED)
				300	42.08			43.505	2.279	
30	Channel Grating Pit	600	900	450	41.73	450	41.67	43.801	2.126	MPA EDCM STD DWG 603 & 605
				300	41.75			43.801	2.126	
31	Future Channel Grating Pit	600	900	300	41.86	450	41.80	43.722	1.918	MPA EDCM STD DWG 603 & 605
				450	41.86			43.722	1.918	
32	Channel Grating Pit	600	900	300	42.44	300	42.38	43.999	1.617	MPA EDCM STD DWG 603 & 605
33	Junction Pit	600	900	300	42.57	300	42.51	44.197	1.684	MPA EDCM STD DWG 605
34	Junction Pit	600	900			300	42.69	44.218	1.525	MPA EDCM STD DWG 605
35	Channel Grating Pit	600	900	300	42.18	300	42.12	43.505	1.382	MPA EDCM STD DWG 603 & 605
36	Junction Pit	600	900			300	42.40	43.725	1.327	MPA EDCM STD DWG 605
37	Grated Pit	600	900	300	42.46	300	42.40	44.037	1.633	MPA EDCM STD DWG 605 with CLASS 'D' COVER
38	Grated Pit	600	900			300	42.95	44.193	1.248	MPA EDCM STD DWG 605 with CLASS 'D' COVER
39	Channel Grating Pit	600	900	375	41.96	450	41.90	43.722	1.824	MPA EDCM STD DWG 603 & 605
				300	41.96			43.722	1.824	
40	Channel Grating Pit	600	900	375	42.24	375	42.18	43.950	1.766	MPA EDCM STD DWG 603 & 605
41	Channel Grating Pit	600	900			375	42.45	44.091	1.642	MPA EDCM STD DWG 603 & 605
				300	42.51			44.091	1.642	
				300	42.51			44.091	1.642	
42	Channel Grating Pit	600	900			300	42.49	43.999	1.510	MPA EDCM STD DWG 603 & 605

PIT SCHEDULE NOTES

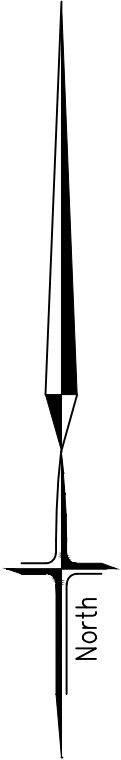
- WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE. EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm 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)

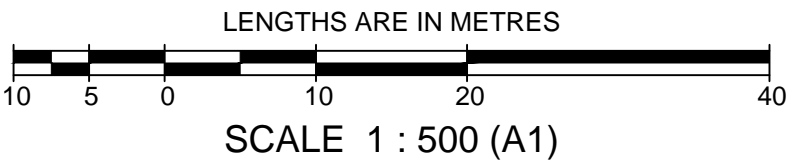



AMENDMENTS					breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cafo street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310			
					MELWAY REF. 360-F10	ROTHWELL WEST STAGE 16 SIGNAGE & LINEMARKING PLAN		MUNICIPALITY WYNDHAM		
					SURVEY BPD			REFERENCE 8584 E/16		
					DESIGN TBC					
				DRAWN	CHECKED	SCALE As Shown	DATUM AHD	DATE Oct'17	SHEET 18 OF 18	P2



SIGNAGE & LINEMARKING LEGEND

- "SWLM" - SOLID WHITE LONGLIFE LINE MARKING
- "BWLM" - BROKEN WHITE LONGLIFE LINE MARKING
- "UNIDIRECTIONAL" & "BIDIRECTIONAL"
RRPM's PLACED AT 6.0m CTRS
- S1 "STREET" SIGN
- S2 "KEEP LEFT" SIGN (R2-3 (L))
- S6 "NO STOPPING" SIGN



AMENDMENTS				breese pitt dixon pty. ltd. land surveyors			
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