

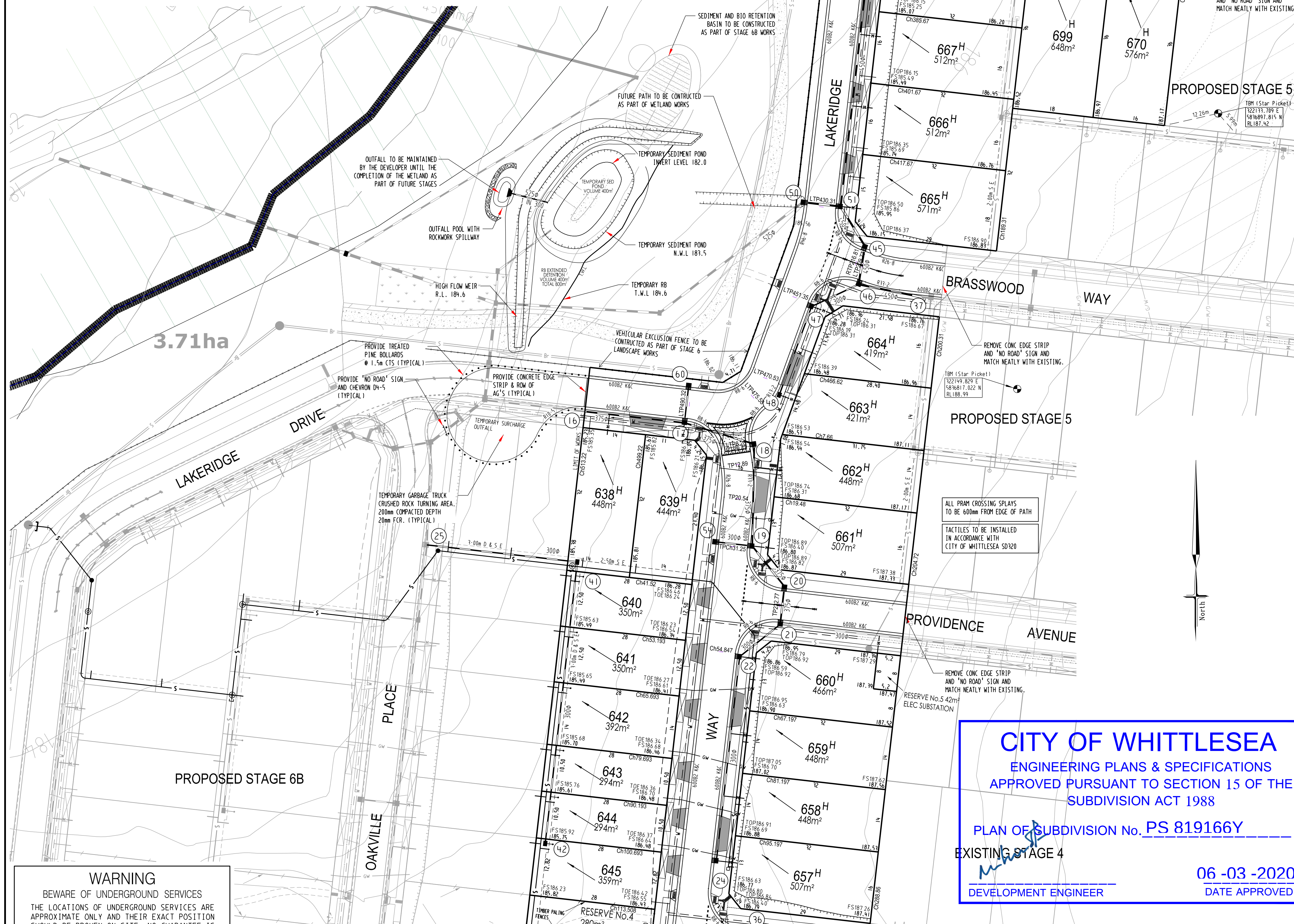
Location	Gas	Water		Telecommunications		Electricity		BOK	Road Width	Joint Trenching	Street Classification
		NDW	DW	Cables	Pits	Cables	Poles				
PROVIDENCE AVENUE	2.25 S	2.70 S	3.20 S	1.85 N	1.78 N/S	2.60 N	1.00 BOK	4.35 S 4.05 N	16.00	G & W, FTTH & E	STREET-LEVEL 1
BRASSWOOD WAY	2.25 S	2.70 S	3.20 S	1.85 N	1.78 N/S	2.60 N	1.00 BOK	4.35 S 4.05 N	16.00	G & W, FTTH & E	STREET-LEVEL 1
PREVELI WAY	2.25 W	2.70 W	3.20 W	1.85 E	1.78 E/W	2.60 E	1.00 BOK	4.35 E 4.05 W	16.00	G & W, FTTH & E	STREET-LEVEL 1
PORTOFINO WAY	2.25 N	2.70 N	3.20 N	1.85 S	1.78 N/S	2.60 S	1.00 BOK	4.35 N 4.05 S	16.00	G & W, FTTH & E	STREET-LEVEL 1
LAKE RIDGE DRIVE	1.80 S/E	2.20 S/E	2.65 S/E	0.80 S/E	0.80 S/E	0.30 N/W	0.90 BOK	1.85 N/W 4.05 S/E	13.50	G & W, FTTH & E	STREET-LEVEL 1

NOTE: a) At the court bowl where water and gas mains pass, the watermain offset is to be increased by 0.5 metres.
b) * Indicates offsets from back of kerb where services do not run parallel to title boundary.
c) ° Indicates Telecommunication pits placed within concrete footpath.

SHEET INDEX		
SHT No.	VBR	DESCRIPTION
1	P5	DETAIL PLAN SHEET I
2	P3	NOTES AND TYPICAL SECTIONS
3	P2	INTERSECTION DETAILS I
4	P3	INTERSECTION DETAILS 2
5	P2	LAKE RIDGE DRIVE - LONGITUDINAL SECTIONS
6	P2	LAKE RIDGE DRIVE - CROSS SECTIONS
7	P1	PREVELL WAY - LONGITUDINAL SECTION
8	P1	PREVELL WAY - CROSS SECTIONS
9	P1	BRASSWOOD WAY - LONGITUDINAL & CROSS SECTIONS
10	P1	PROVIDENCE AVENUE - LONGITUDINAL & CROSS SECTIONS
11	P1	PORTOFINO WAY - LONGITUDINAL & CROSS SECTIONS
12	P4	DRAINAGE LONGITUDINAL SECTIONS I
13	P3	DRAINAGE LONGITUDINAL SECTIONS 2, PIT SCHEDULE
14	P2	SIGNAGE AND LINE MARKING PLAN



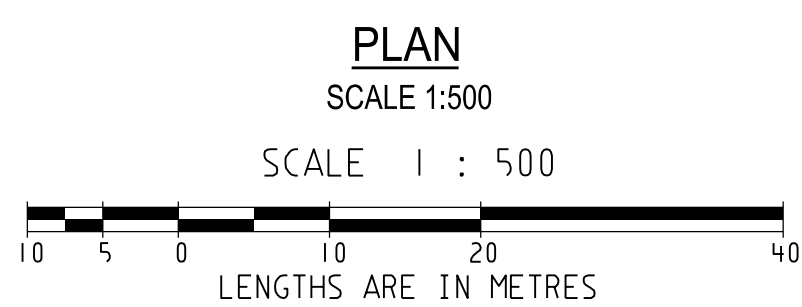
LOCALITY PLAN
N.T.S.
MELWAYS: 388 C 10



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 abut a sewer access chamber surround or similar structure, an expansion joint of approved material shall be provided between the two faces.



SYMBOL LEGEND

	Prop	Exist	
Drains			Ex/Natural/FS Level +28.57
Sewer <300	S	S	FS @ Building Line 8128.57
Sewer >300	S	S	Top/Toe of Batter 10228.57
Water	W	W	Top Ret. Wall Level 10228.57
House Drain	H	H	100yr Flood Level 6128.57
Property Inlet			
Street Sign			
PSM			
Retaining Wall			Fill Prop/Ex
Conduits 50mm			Cut Prop/Ex
Conduits 100mm			
Ex Gas/Elect/Tel			
Vegetation Exclusion Fence			

AMENDMENTS	P5 21-02-20	TEMP SED POND ADDED
	P4 08-01-20	COUNCIL COMMENTS
	P3 03-12-19	COUNCIL COMMENTS
	P2 03-10-19	COUNCIL COMMENTS
	P1 30-08-19	ISSUE FOR APPROVAL
VER	DATE	REMARKS



MELWAY REF.	388-C-10
SURVEY	BPD
DESIGN	RGW
DRAWN	RGW
CHECKED	NM

breese pitt dixon pty. ltd.
land surveyors civil engineers

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

RATHDOWNE ESTATE
STAGE 6
DETAIL PLAN AND SHEET INDEX

CIPALITY
HITTLESEA
RENCE
365 E/06



Curve no			I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
A	1	2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	186.319



Curve no			I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
B	1	2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	186.383

- # NOTES
- a) TRAFFIC ISLAND KERB TO BE 5M1.
 - b) ROUNDABOUT KERB TO BE 5M3.
 - c) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.
 - d) SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING
 - e)   INDICATES UNIDIRECTIONAL & BIDIRECTIONAL
RRPM'S PLACED AT 3:00m CTS
 - f) HAZARD / DIRECTIONAL TGS1'S SHOWN THUS  /  AND
FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH
VICROADS STD DWGS SD2031 TO SD2035. TGS1'S SHALL CONFORM
TO AS1528.4.
 - g) SHARED FOOTWAY/BICYCLE PATH TO CONSIST:
 - a) 100mm DEPTH CONCRETE REINFORCED WITH F62 MESH
 - b) 50mm DEPTH COMPACTED DEPTH 20mm CLASS 3CR

ALL PRAM CROSSING SPLAYS
TO BE 600mm FROM EDGE OF PATH

TACTILES TO BE INSTALLED
IN ACCORDANCE WITH
CITY OF WHITTLESEA SD320



Curve no		I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid Ord RL
C	1 2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	186.225

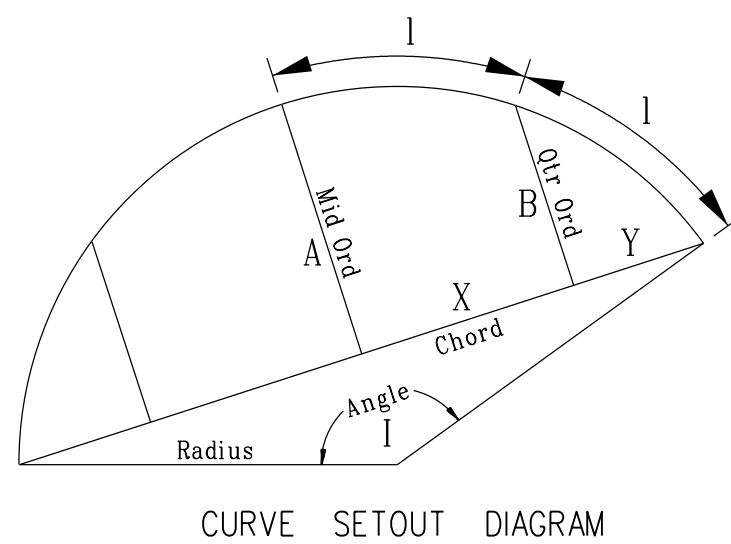
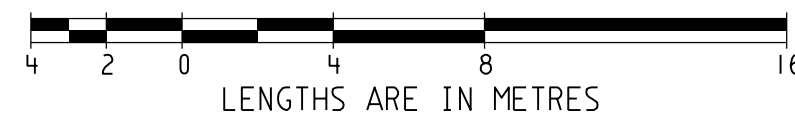


Curve no			I	Radius	Arc	Mid Ord	Qtr Ord	X	Y	I	Mid
D	1	2	-90.000	-8.600	13.509	2.519	1.864	2.790	3.291	3.377	11

1) HAZARD / DIRECTIONAL TGSIS SHOWN THUS  /  AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSIS SHALL CONFORM TO ASI428.4

INTERSECTION DETAILS

SCALE 1:200
SCALE 1 : 200



AMENDMENTS					breese pitt dixon Pty. Ltd. land surveyors civil engineers				1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310						
				MELWAY REF.	388-C-10		RATHDOWNE ESTATE STAGE 6 INTERSECTION DETAILS 1				MUNICIPALITY		WHITTLESEA		
				SURVEY	BPD						REFERENCE		9365 E/06		
				DESIGN	RGW										
				DRAWN	RGW										
	P203-12-19	COUNCIL COMMENTS NOTE													
	P130-08-19	ISSUE FOR APPROVAL													
VER.	DATE	REMARKS		CHECKED	NM	SCALE	AS SHOWN	DATUM	AHD	DATE	AUG '19	SHEET	3	OF 14	P2

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

breese pitt dixon pty. ltd.
land surveyors civil engineers

RATHDOWNE ESTATE
STAGE 6

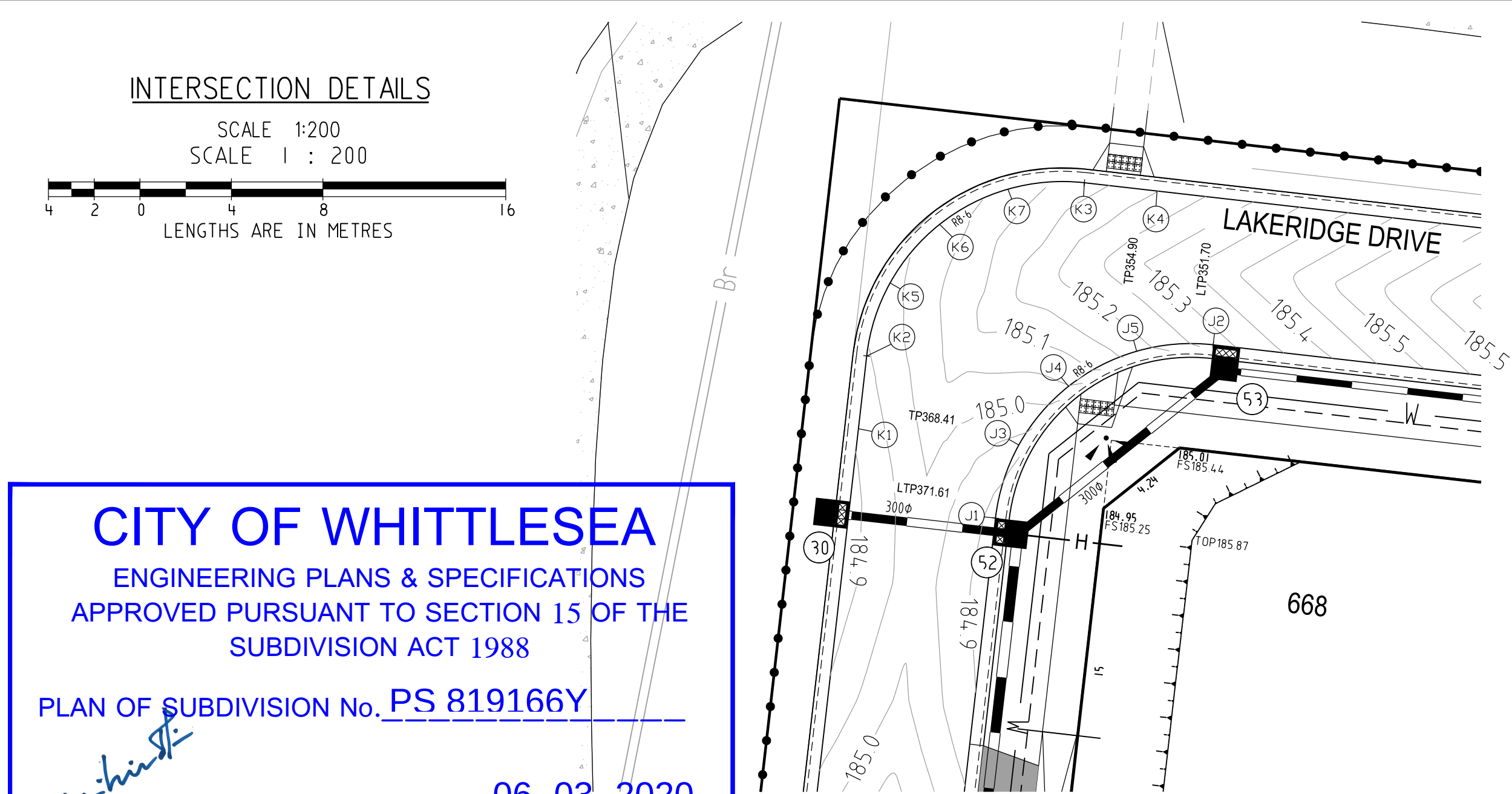
INTERSECTION DETAILS 1

MUNICIPALITY
WHITTLESEA

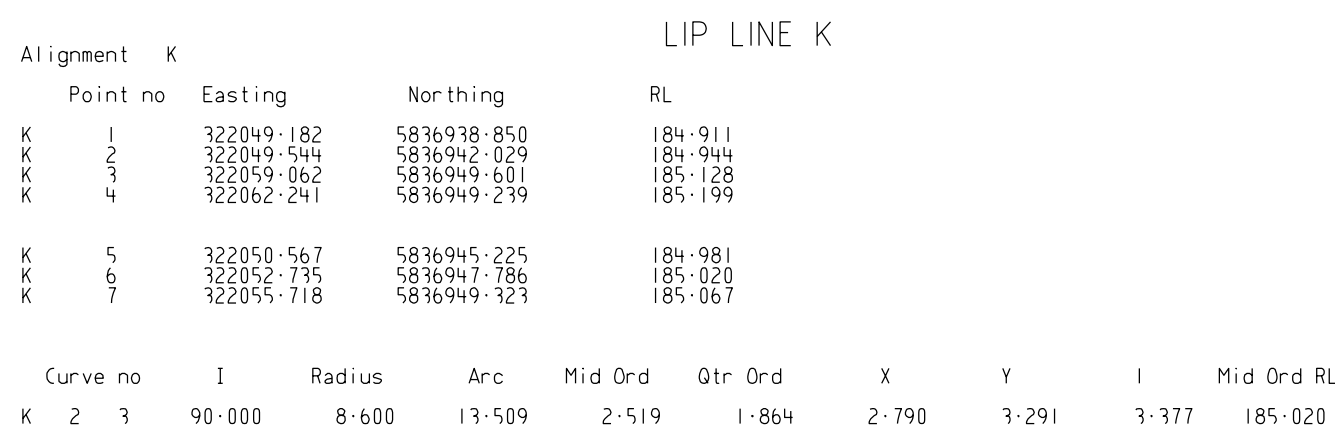
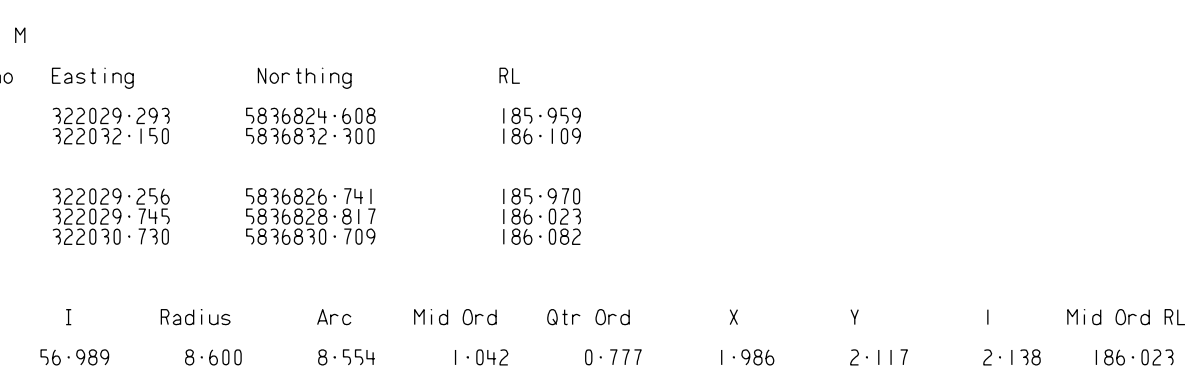
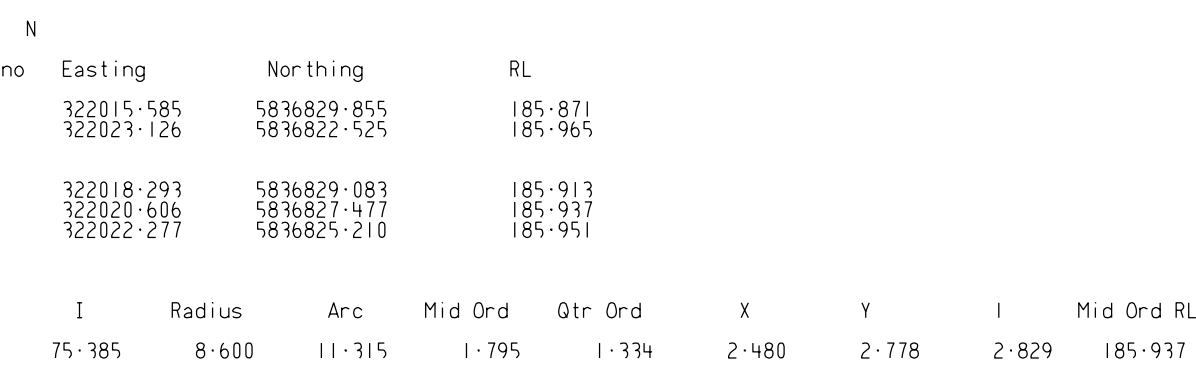
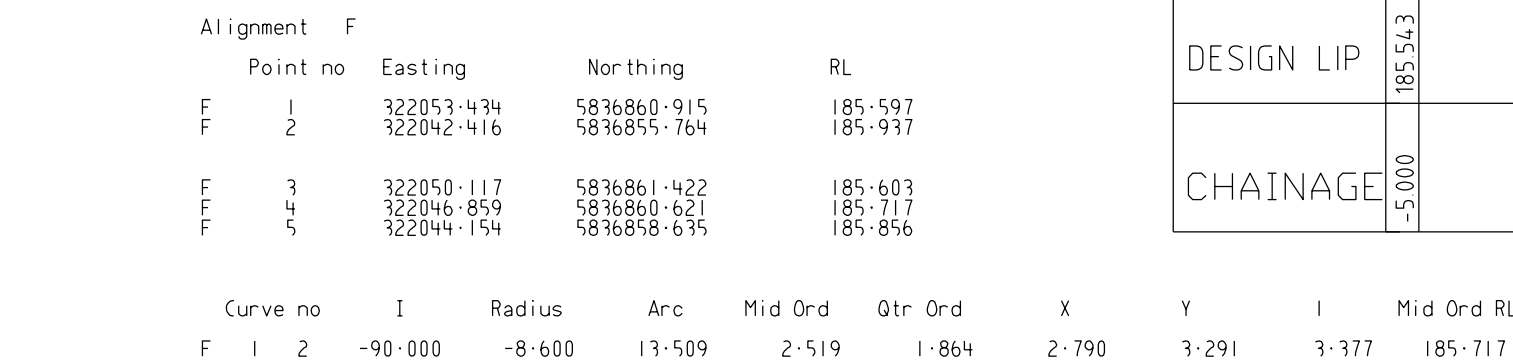
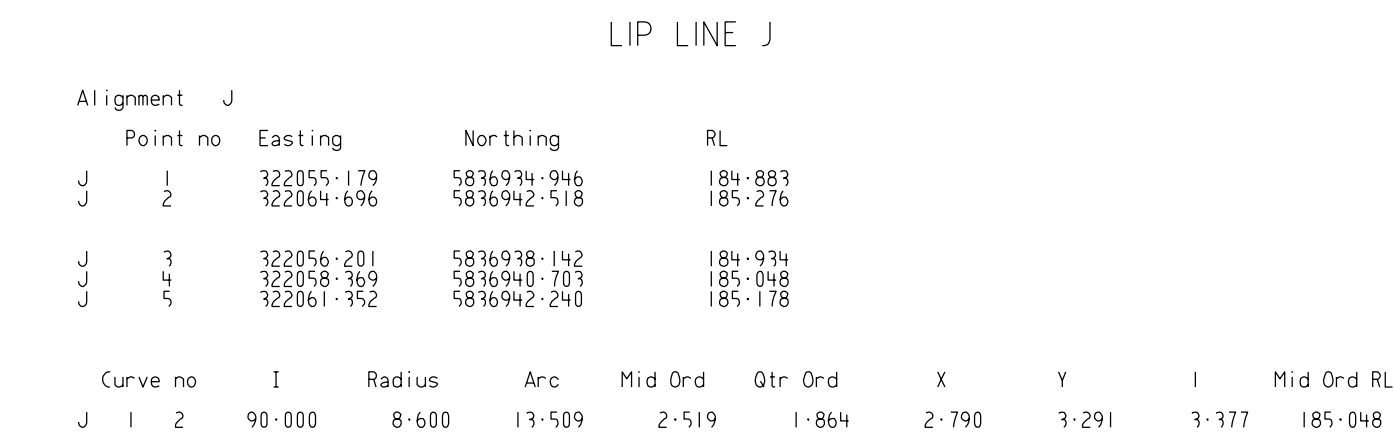
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SHEET	3	OF	14	P2
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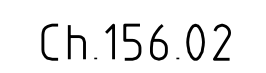
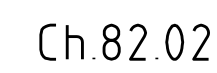
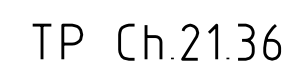
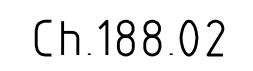
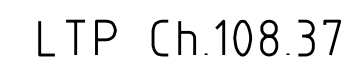
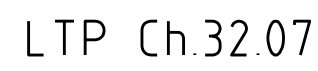
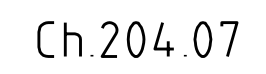
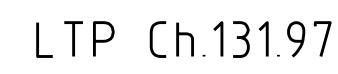
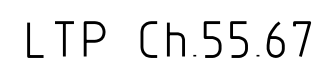


06 -03 -2020
DATE APPROVED



1) HAZARD / DIRECTIONAL TGSIS SHOWN THUS  /  AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSIS SHALL CONFORM TO ASI428.4

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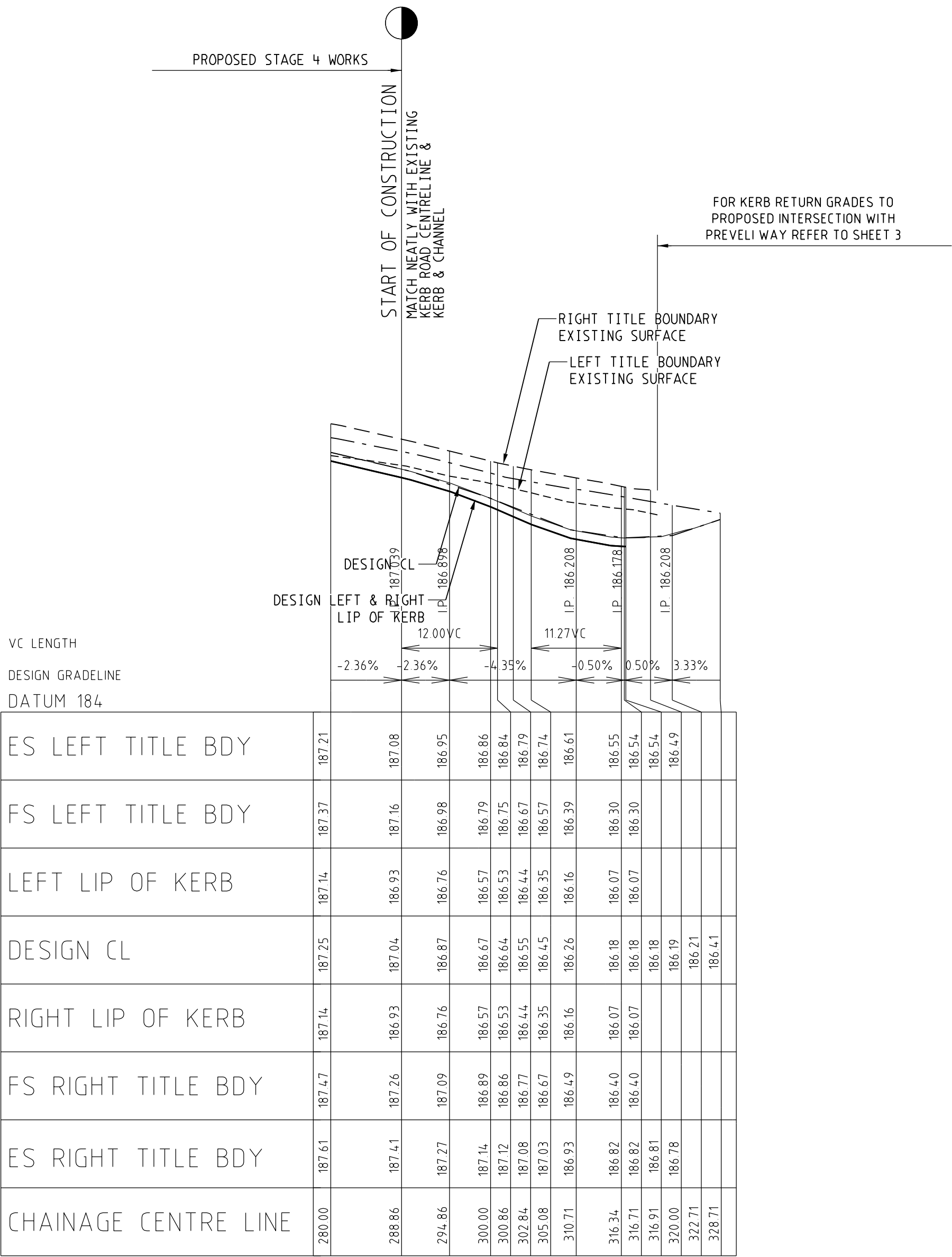


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06 -03 -2020
DATE APPROVED

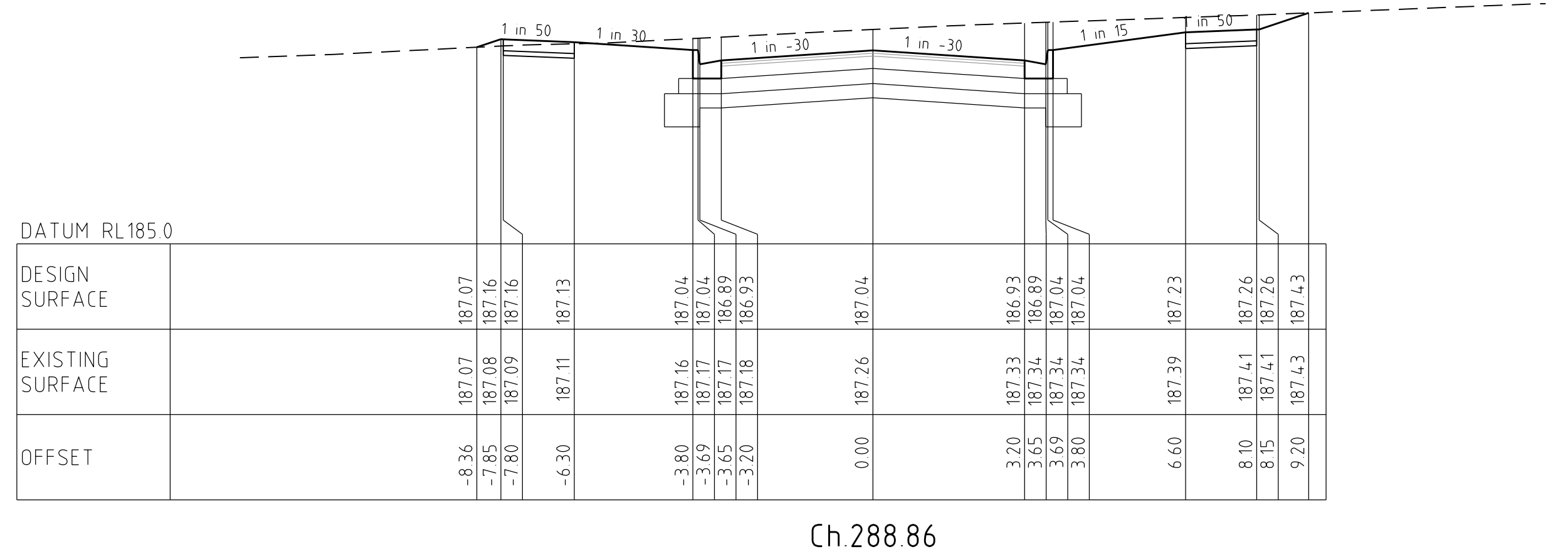
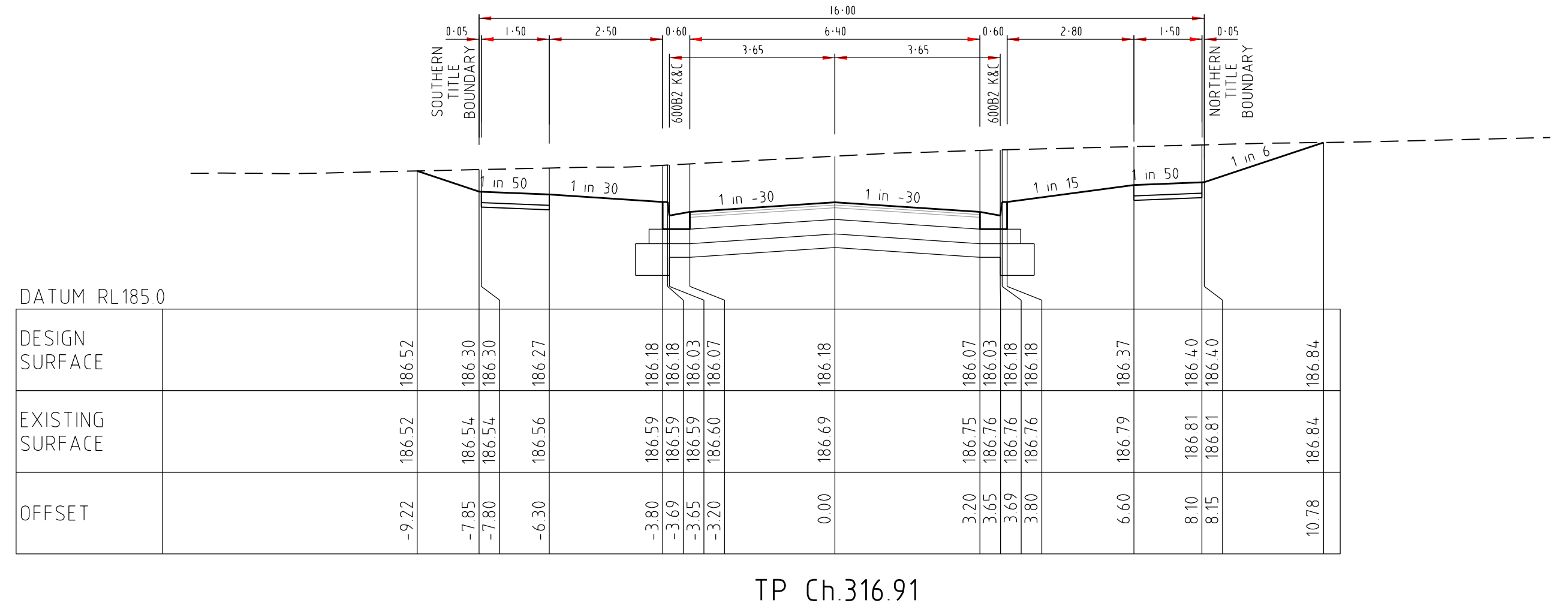
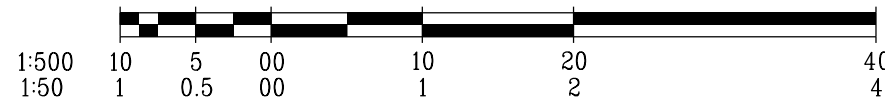
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PORTOFINO WAY

LONGITUDINAL SECTION

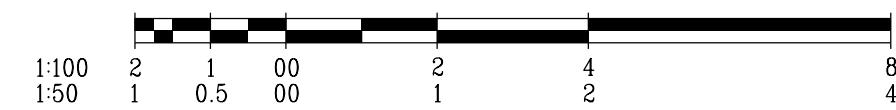
SCALE HORIZONTAL 1:500
VERTICAL 1:50



PORTOFINO WAY

CROSS SECTION

SCALE HORIZONTAL 1:100
VERTICAL 1:50



CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS

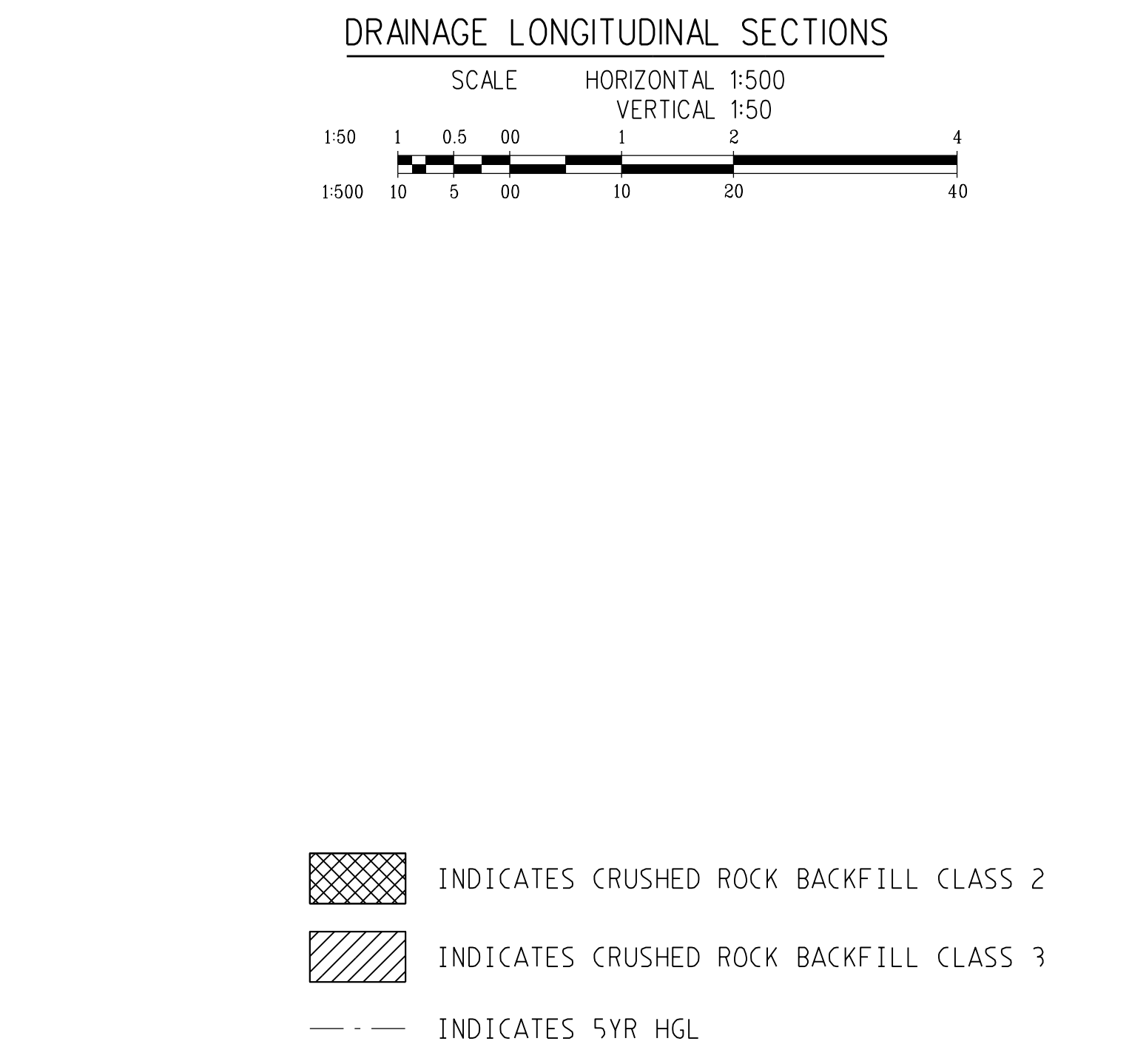
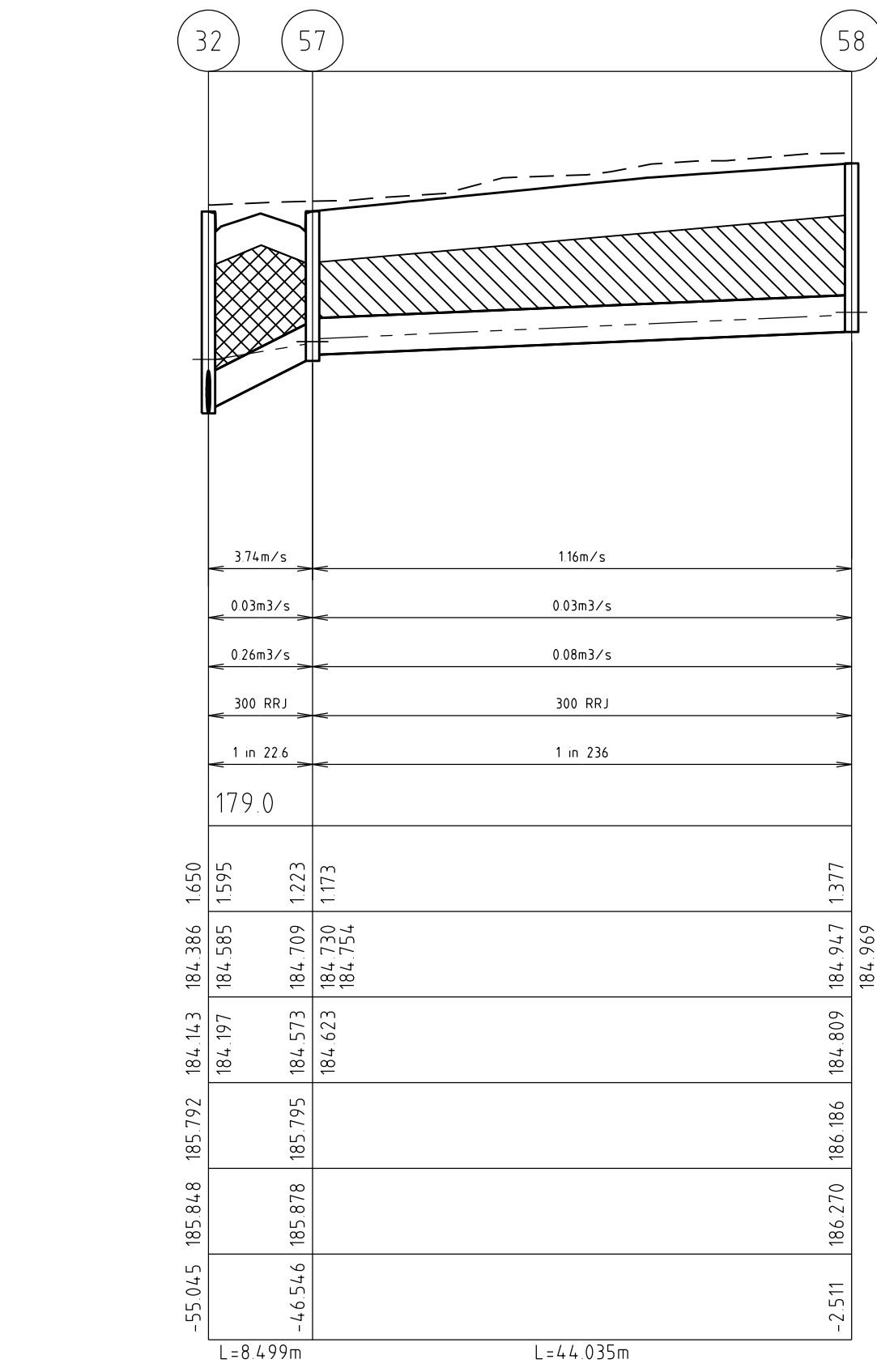
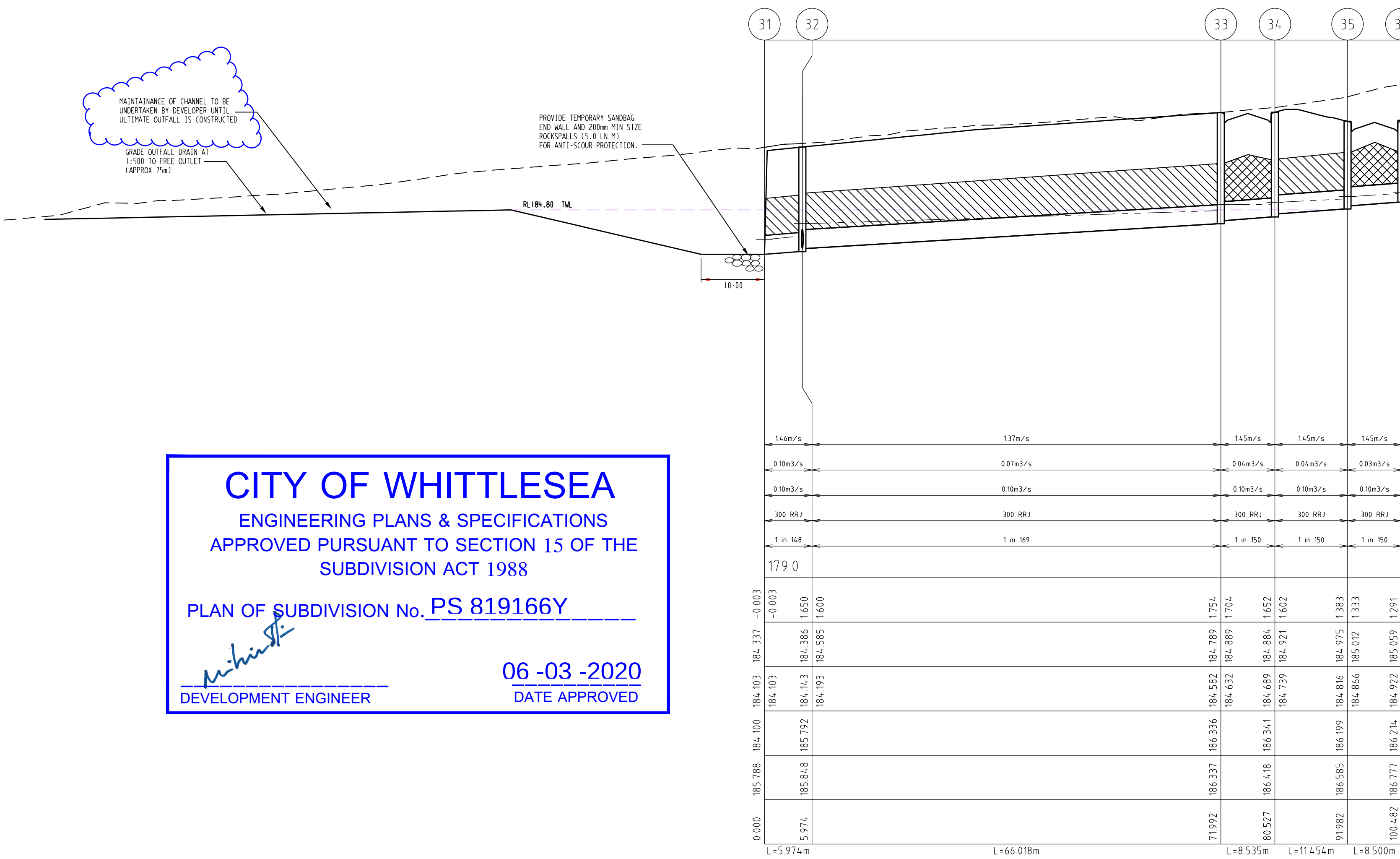
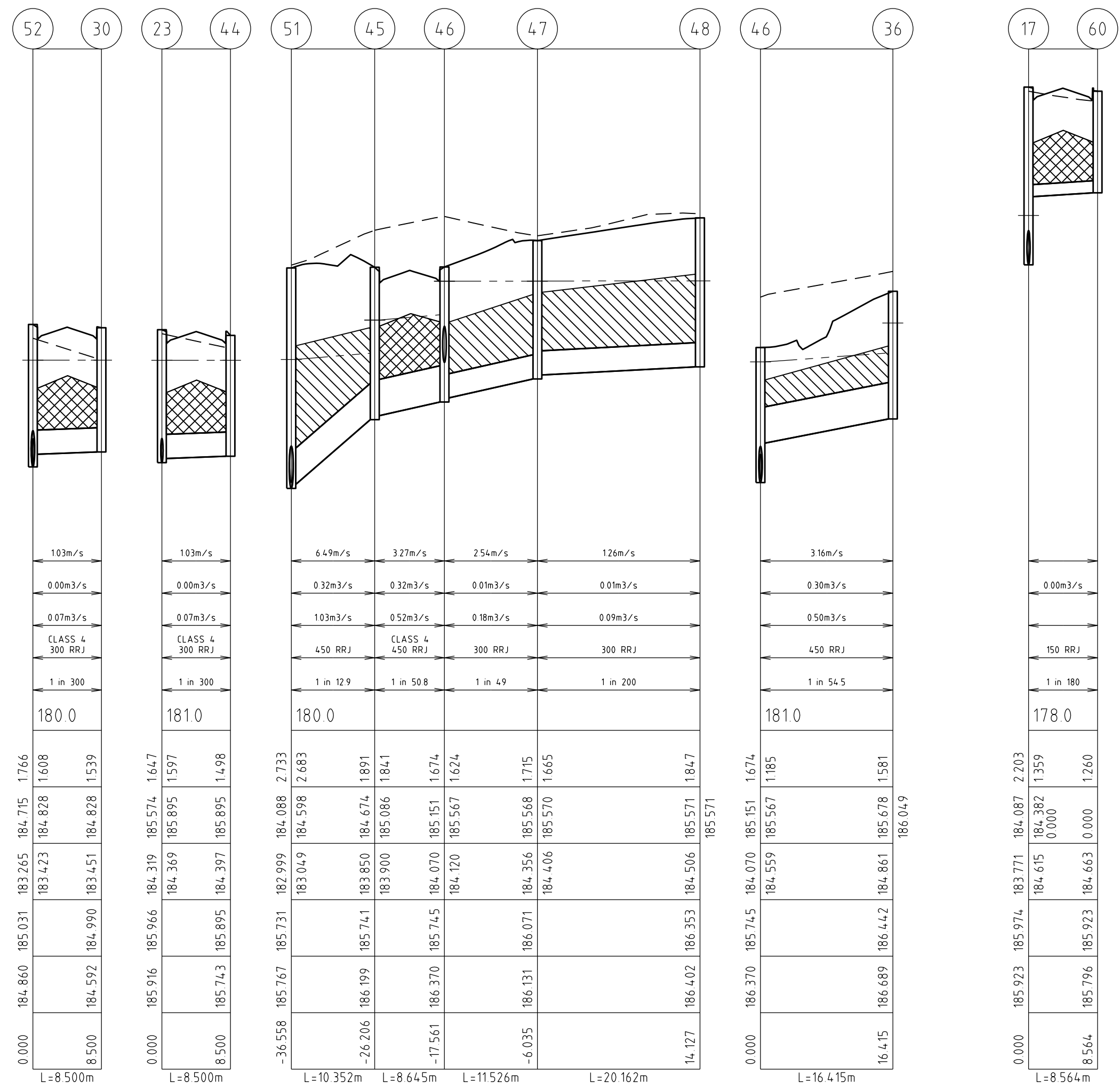
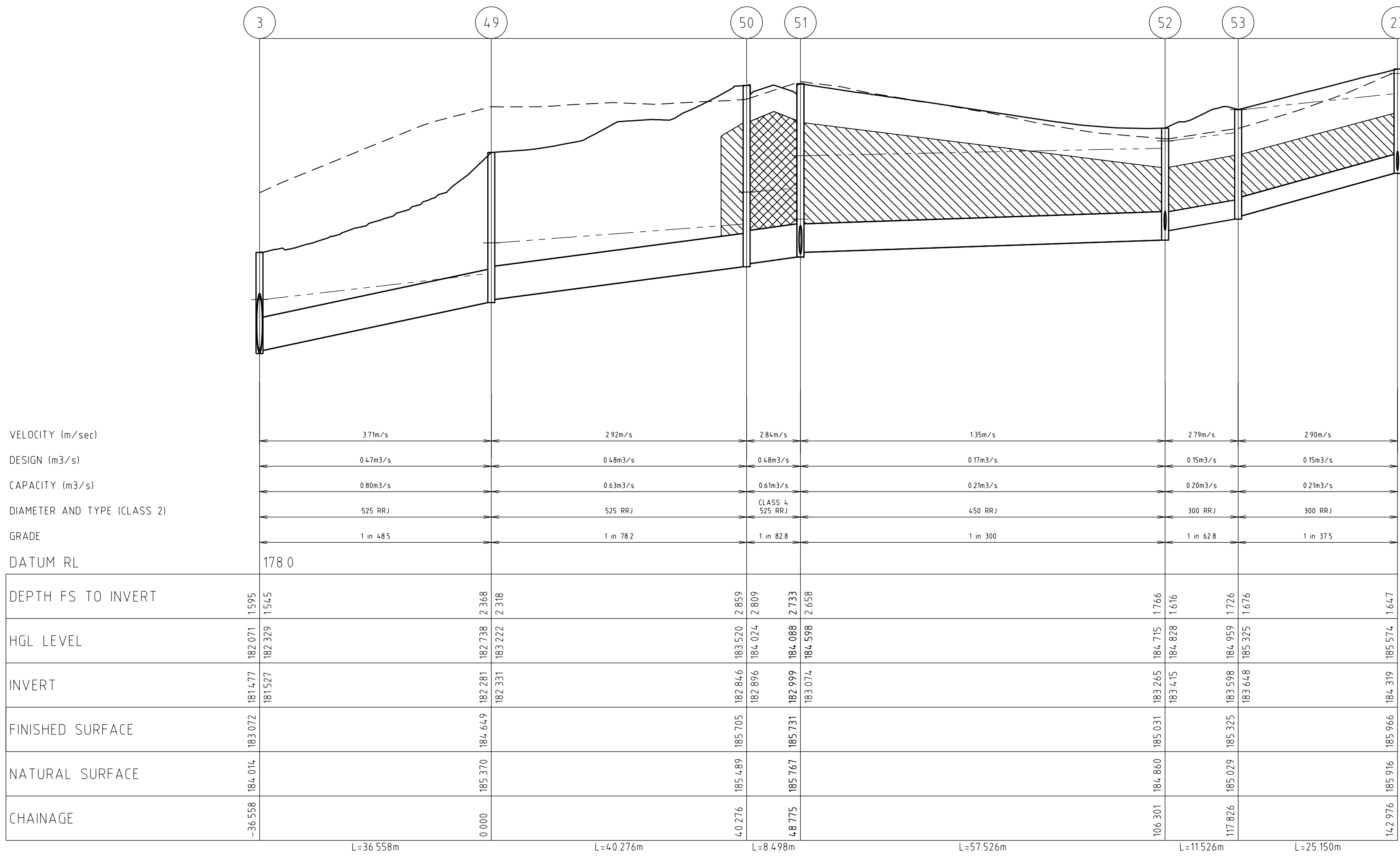
APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS 819166Y

Development Engineer

06-03-2020
DATE APPROVED

AMENDMENTS					breese pitt dixon pty. ltd. land surveyors		civil engineers		1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				
					RATHDOWNE ESTATE STAGE 6		MUNICIPALITY WHITTLESEA		REFERENCE 9365 E/06				
VER	DATE	REMARKS	CHECKED	NM	SCALE	AS SHOWN	DATUM	AHD	DATE	AUG '19	SHEET	11 OF 14	P1



CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS

APPROVED PURSUANT TO SECTION 15 OF THE SUBDIVISION ACT 1988

PLAN OF SUBDIVISION No. PS 819166Y

Development Engineer

06-03-2020

DATE APPROVED

AMENDMENTS

1	P4-08-01-20	COUNCIL COMMENTS
2	P3-16-12-19	COUNCIL COMMENTS
3	P2-02-10-19	COUNCIL COMMENTS
4	P1-30-08-19	ISSUE FOR APPROVAL

VER DATE REMARKS

breese pitt dixon pty. ltd.

land surveyors

1/19 coto street

hawthorn east, 3123

telephone 8823 2300

fax no. 8823 2310

RATHDOWNE ESTATE

STAGE 6

DRAINAGE LONGDITUDINAL SECTIONS 1

MELWAY REF. 388-C-10

SURVEY BPD

DESIGN RGW

DRAWN RGW

CHECKED NM

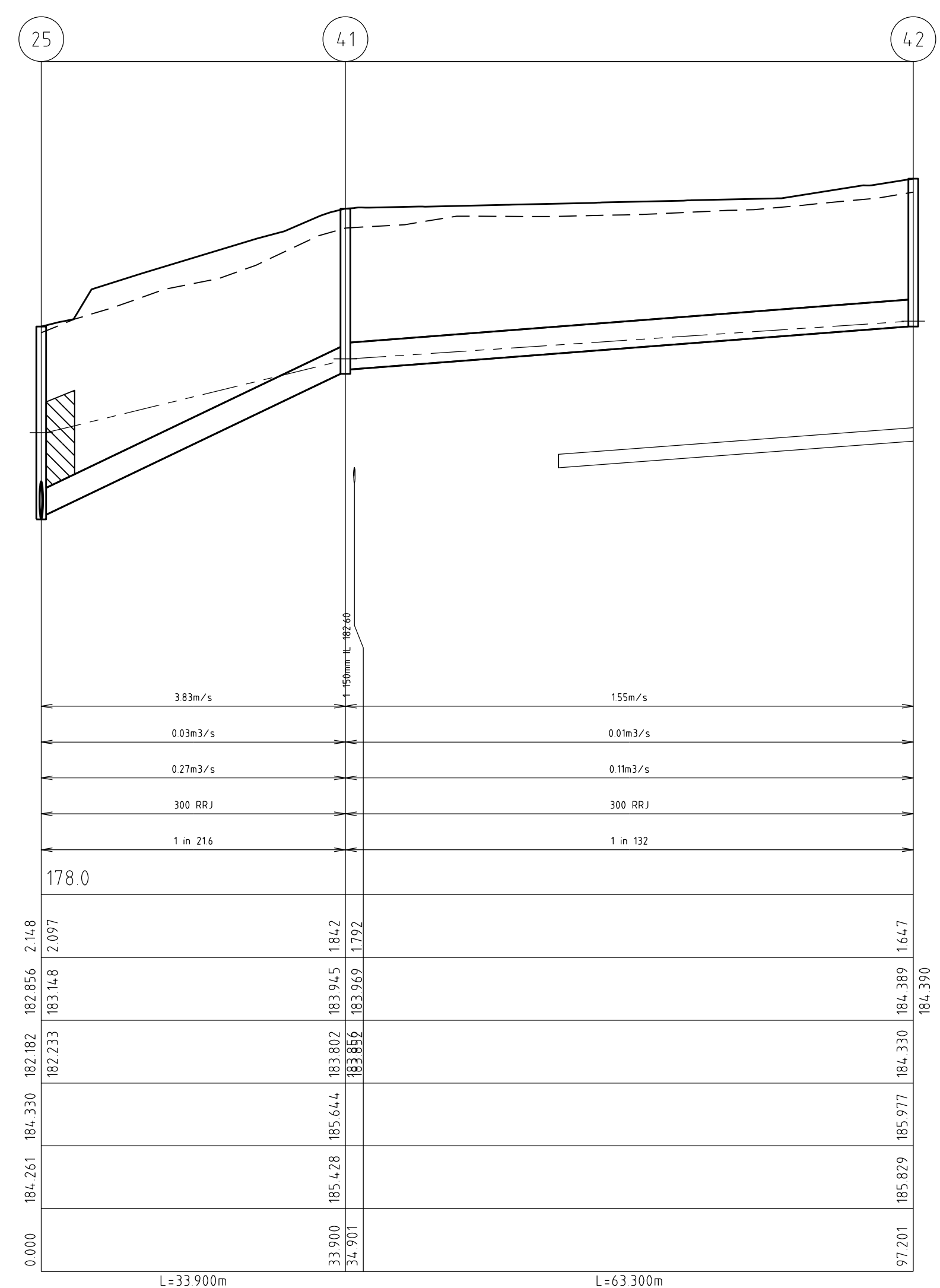
MUNICIPALITY WHITTLESEA

REFERENCE 9365 E/06

SHEET 12 OF 14

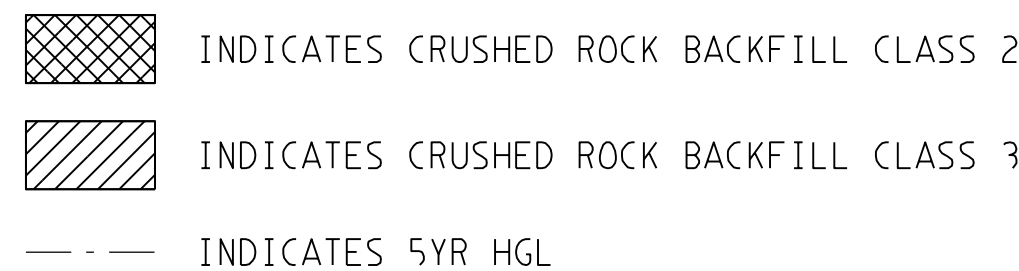
P4

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58	JUNCTION PIT	900	600			184-809	300	186-14	1-271	EDCM 605 CLASS H COVER
60	GRADED ENTRY PIT (B2)	900	600			184-663	300	185-923	1-260	EDCM 601 Class B cover

PLAN OF SU
Michigan



\\19365\Foo\Stage 6\F6_B13_DBN2.dgn

CITY OF WHITTLESEA

ENGINEERING PLANS & SPECIFICATIONS
APPROVED PURSUANT TO SECTION 15 OF THE
SUBDIVISION ACT 1988

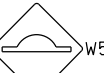
PLAN OF SUBDIVISION No. PS 819166Y

DEVELOPMENT ENGINEER

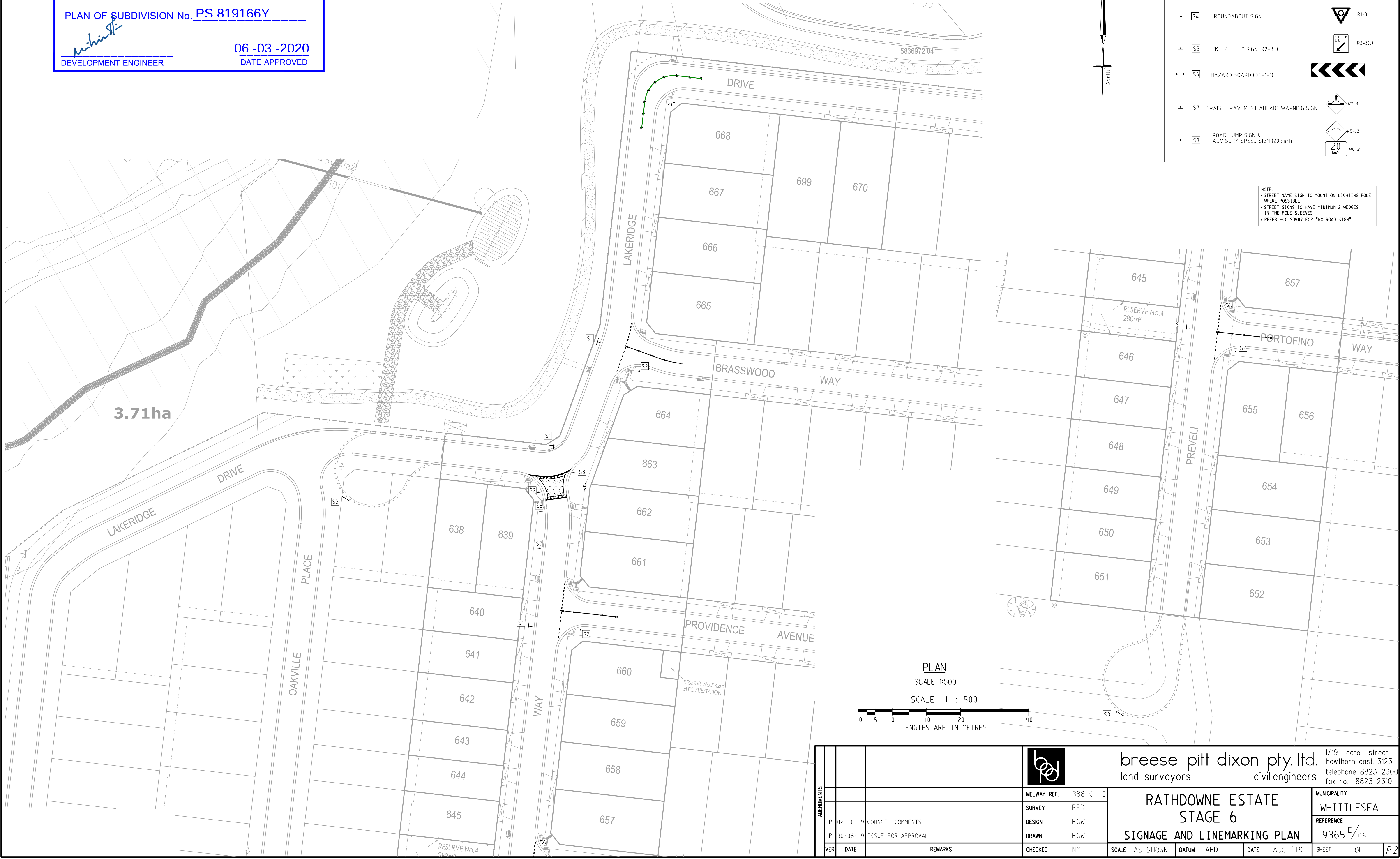
06-03-2020

DATE APPROVED

SIGNAGE & LINEMARKING LEGEND

	S1	"STREET NAME" SIGN	
	S2	"GIVE WAY" SIGN (R1-2A)	 R1-2
	S3	"NO ROAD" SIGN & "HAZARD" SIGN (G9-18)	
	S4	ROUNDBOUT SIGN	 R1-3
	S5	"KEEP LEFT" SIGN (R2-3L)	 R2-3(L)
	S6	HAZARD BOARD (D4-1-1)	
	S7	"RAISED PAVEMENT AHEAD" WARNING SIGN	 W3-4
	S8	ROAD HUMP SIGN & ADVISORY SPEED SIGN (20km/h)	 W5-10  W8-2

NOTE:
• STREET NAME SIGN TO MOUNT ON LIGHTING POLE WHERE POSSIBLE
• STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE POLE SLEEVES
• REFER HCC SD407 FOR "NO ROAD SIGN"



					breese pitt dixon Pty. Ltd. land surveyors		civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
			MELWAY REF. 388-C-10		SURVEY BPD		DESIGN RGW		DRAWN RGW	
P 02-10-19 COUNCIL COMMENTS			CHECKED NM		SCALE AS SHOWN		DATUM AHD		DATE AUG '19	
P 30-08-19 ISSUE FOR APPROVAL			SHEET 14 OF 14		P2		MUNICIPALITY WHITTLESEA		REFERENCE 9365 E/06	
VER DATE REMARKS			RATHDOWNE ESTATE STAGE 6 SIGNAGE AND LINEMARKING PLAN		J:\V\9365\Eng\Stage 6\ES_R14_SIGN.dgn		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	