

LOCALITY PLAN
1:20,000

SHT. No.	VER	DRAWING INDEX	
		DESCRIPTION	
1	A	LAYOUT PLAN AND DETAILS	
2	A	NOTES AND TYPICAL CROSS SECTION	
3	A	INTERSECTION DETAILS, LONG & CROSS SECTIONS	
4	A	DRAINAGE LONGITUDINAL SECTIONS AND PIT SCHEDULE	

SERVICES OFFSETS AND LOCATIONS

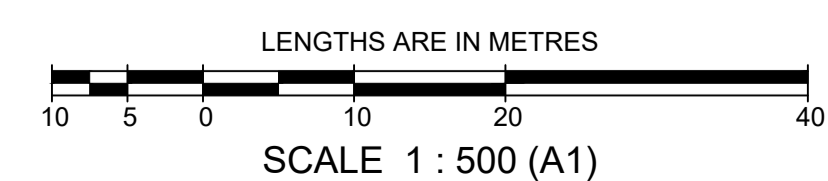
STREET NAME	Rd.RESERVE	WATER		SEWER	GAS	ELECTRICITY		FIBRE TO THE HOME		Bk. of KERB	JOINT TRENCHING
		DW	NDW			CABLES	POLES	FTTH CABLES	FTTH PITS		
ORIGIN DRIVE	16.00	3.20 S	2.70 S	0.80 S	2.25 S	2.60 N	1.00 BOK	1.85 N	1.85 S	4.355 / 4.05N	W & G, E & FTTH



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**
- 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.

AS CONSTRUCTED



LEGEND

PROPOSED DRAINAGE		LOT FALL	
EXISTING DRAINAGE		LOT LEVEL - F.S. / EXIST	
DRAINAGE PIT/DIA./FLOW		F.S. AT BUILDING LINE	
PROPERTY INLET		TOP / TOE OF BATTER	
HOUSE DRAIN		KERBING TYPE	
PROPOSED / EXIST SEWER		LOT BODY CHAINAGE	
PROPOSED / EXIST WATER		LOTS EASEMENT	
FILL - PROP / EXIST		STREET SIGN	
CUT - PROP / EXIST		LINEMARKING	
		REMOVE EXIST TREE	

VER	DATE	ISSUED FOR CONSTRUCTION	REMARKS
A	05/12/18	ISSUED FOR CONSTRUCTION	

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 15 SUPERLOT
LAYOUT PLAN AND DETAILS

MUNICIPALITY
WYNDHAM

REFERENCE
8584 E/15SL

SCALE: As Shown DATUM: AHD DATE: Nov'18 SHEET: 1 OF 4

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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 3H 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.
- 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 1 IN 150 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.

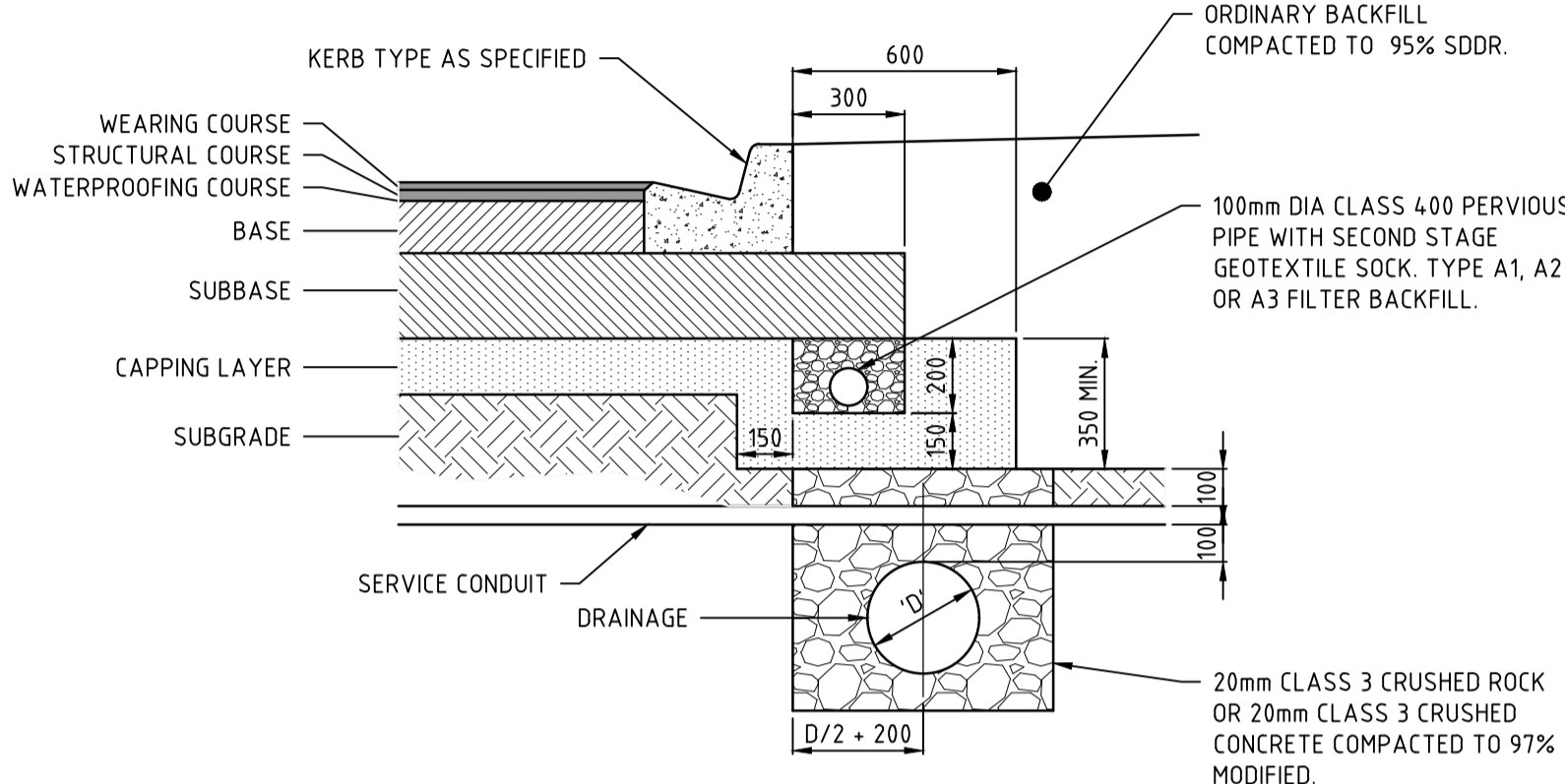
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION No. 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE DIRECTOR 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.
- B2 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. AM 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 SD11-6
- 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.
- 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-INSTALLMENT 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 COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR OR PLASTELINE) AND LONGITUDINAL LINES BE 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 ENVIRONMENT PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND MW SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- 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 PIPES 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 15m CTS AS PER COUNCIL STANDARD DRAWING SD10-2 AT A 0.25m OFFSET FROM THE RESERVE TITLE BOUNDARY.

PAVEMENT COMPOSITION (Stage 15 Super Lot)

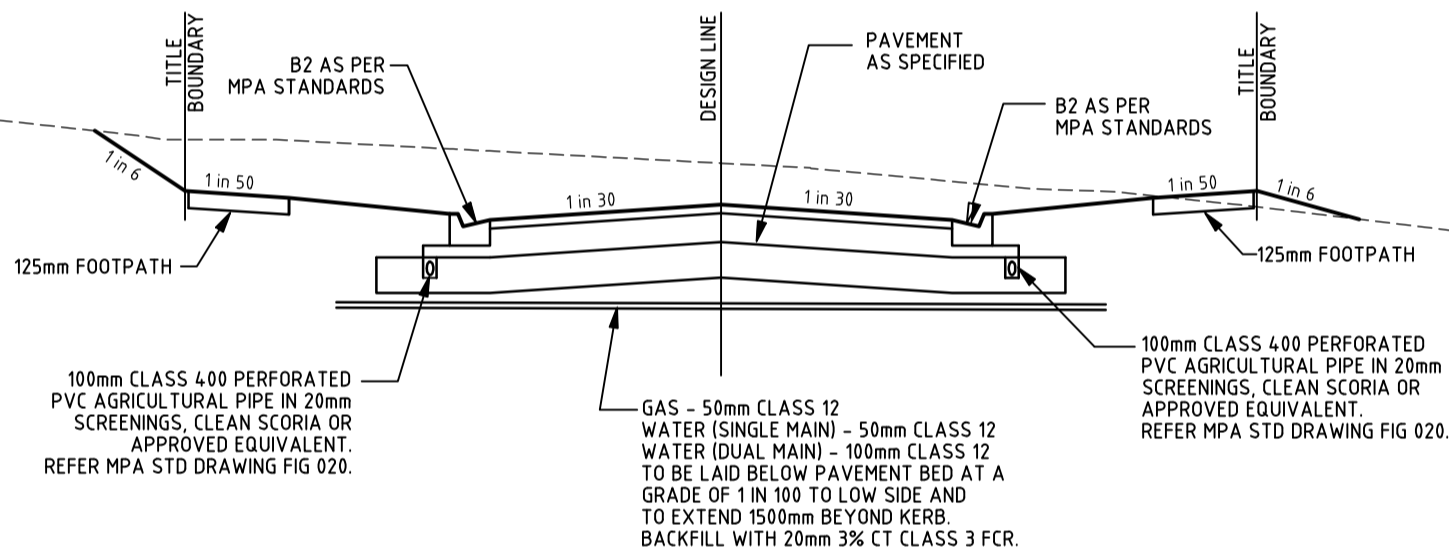
ACCESS PLACE 'A' - ORIGIN DRIVE

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	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 RIPPED ROCK OR EQUIVALENT *
TOTAL	485mm	
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.

* NOTE: TYPE A SELECT FILL TO MEET THE FOLLOWING PROPERTIES:
 CBR ≥ 8%, SWELL ≤ 1.5%, PERMEABILITY $k \leq 5 \times 10^{-9} \text{m/s}$ ($1 \times 10^{-7} \text{cm/s}$)
 COMPACTED TO A MINIMUM DENSITY RATION OF 98% (STANDARD) AS1289.5.1.1
 (FOR ADDITIONAL DETAILS, REFER GEOTECHNICAL REPORT FROM TONKIN & TAYLOR Pty Ltd, 4821100.R1 July 2016).

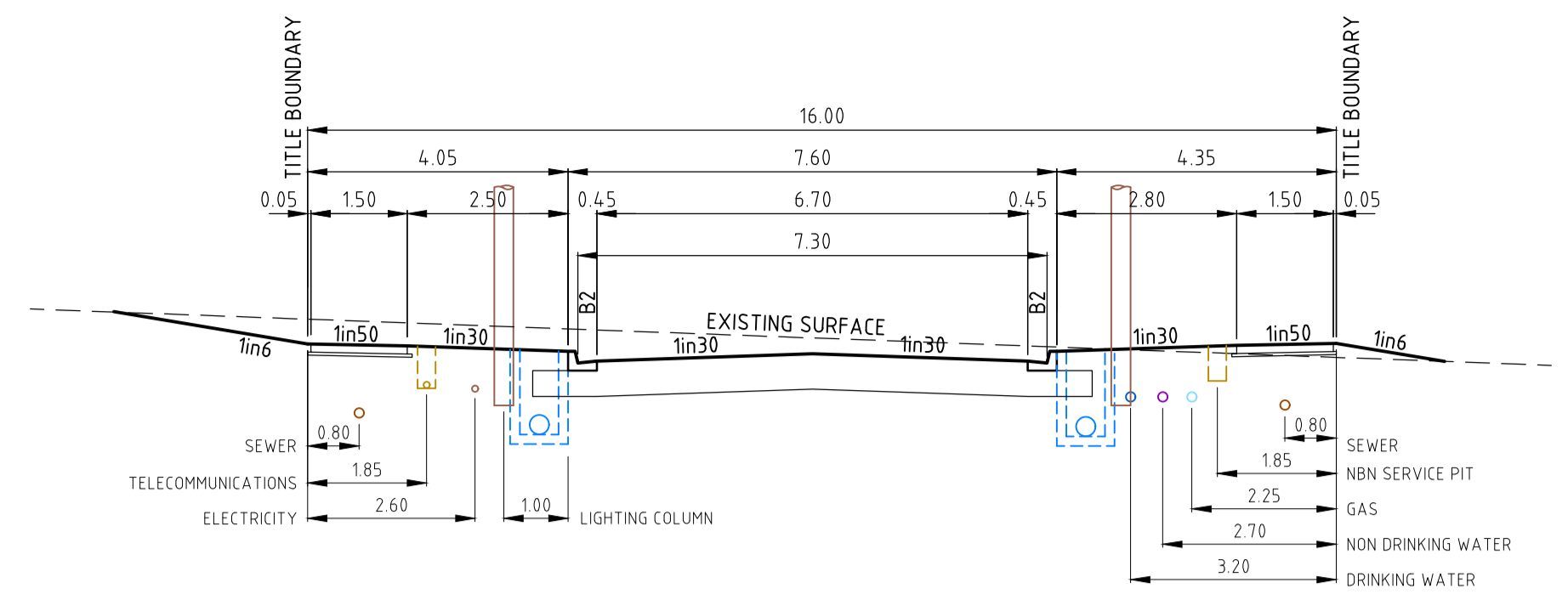


PAVEMENT COMPOSITION
SCALE 1:20

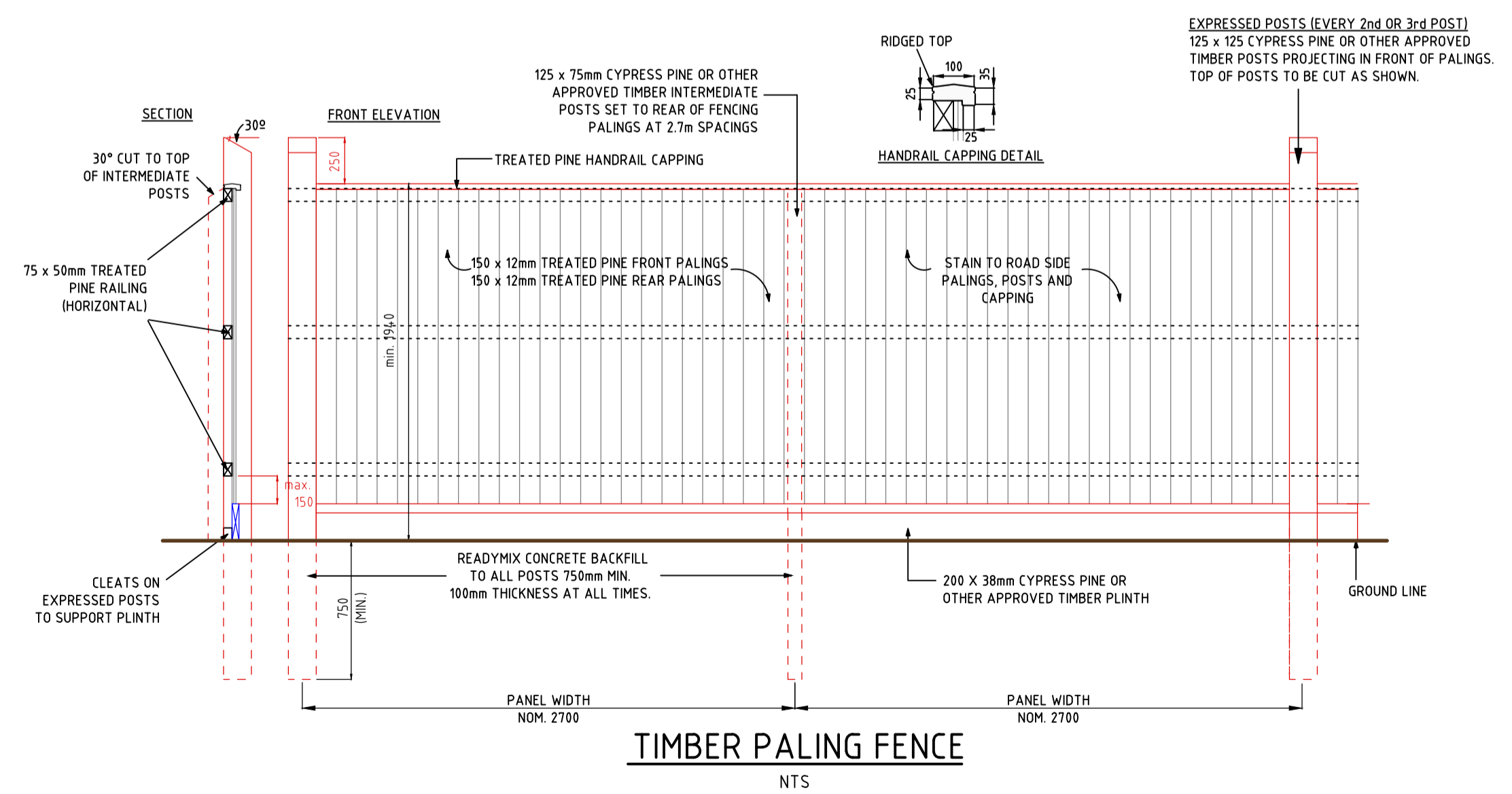


TYPICAL CROSS SECTION
NTS

NOTE:
 1. REFER CROSS SECTION SHEETS FOR INDIVIDUAL ROAD WIDTHS AND KERB & FOOTPATH OFFSETS.
 2. REFER SERVICES SCHEDULE FOR SERVICES OFFSETS.



16m ROAD RESERVE - ORIGIN DRIVE
NOT TO SCALE



TIMBER PALING FENCE
NTS



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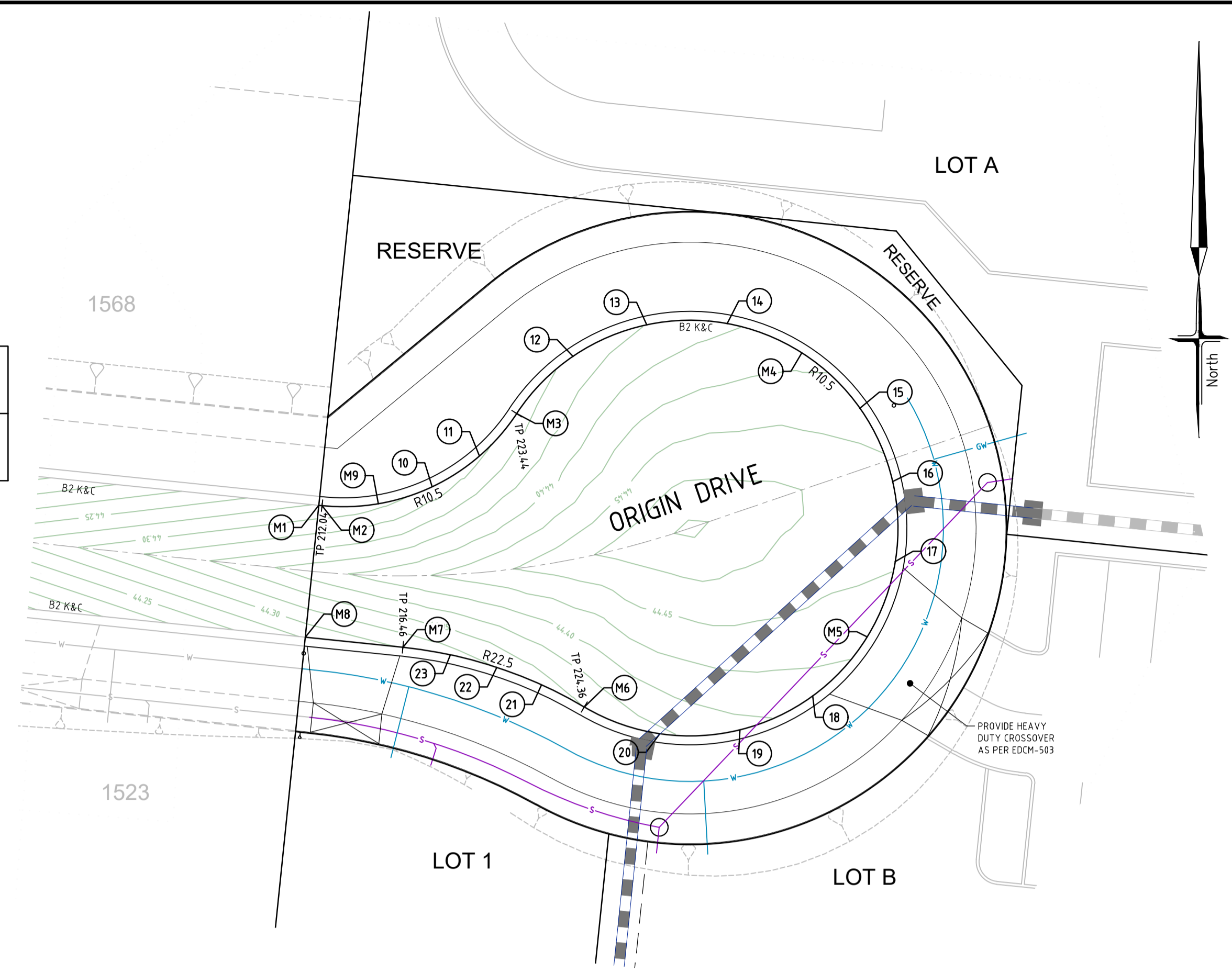
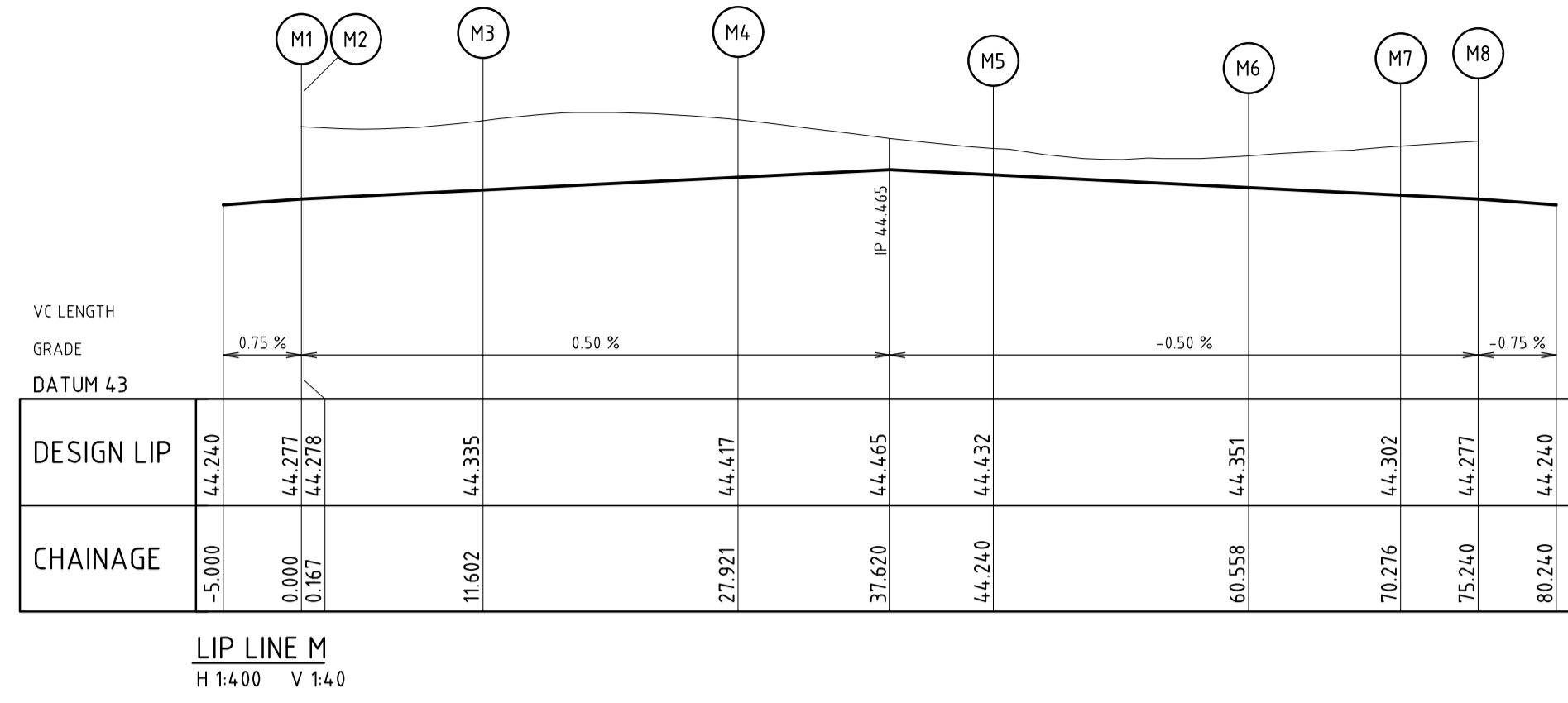
AS CONSTRUCTED

MELWAY REF: 360-F10		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		ROTHWELL WEST STAGE 15 SUPERLOT		MUNICIPALITY: WYNDHAM
DESIGN: TBC		NOTES AND TYPICAL CROSS SECTION		REFERENCE: 8584 E/15SL
DRAWN: TBC		SCALE: As Shown		SHEET: 2 OF 4
CHECKED:		DATE: Nov'18		A

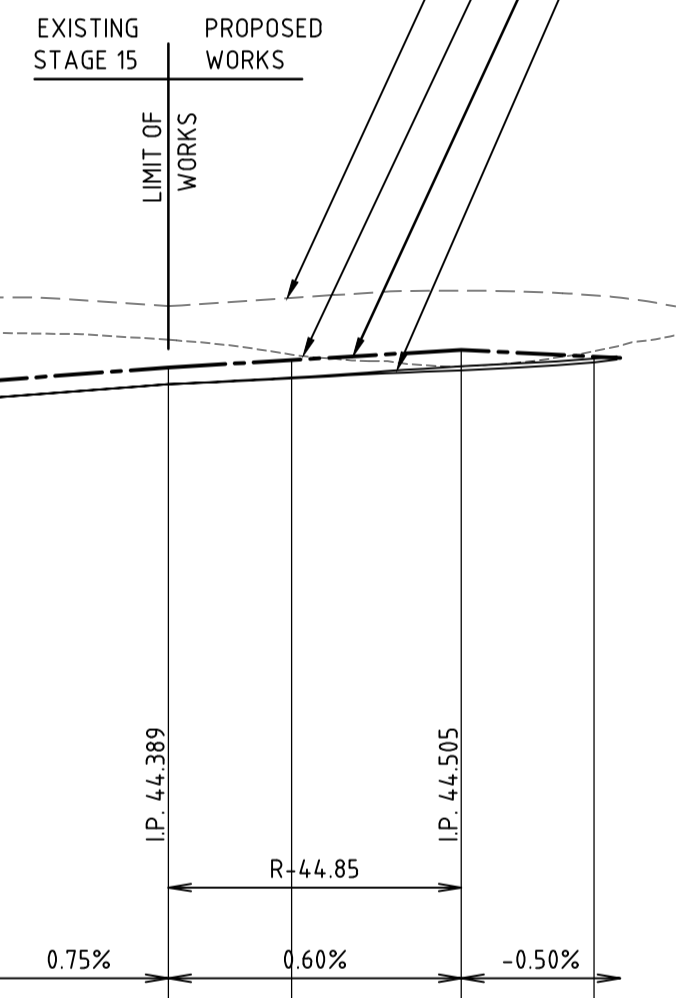
Alignment M

Point no	Easting	Northing	RL
kg 15 M 1	1897.423	2019.075	44.277
kg 15 M 2	1897.590	2019.058	44.278
kg 15 M 3	1901.421	2023.713	44.395
kg 15 M 4	1921.824	2026.778	44.417
kg 15 M 5	1925.128	2012.428	44.432
kg 15 M 6	1910.835	2008.866	44.351
kg 15 M 7	1901.677	2011.903	44.302
kg 15 M 8	1896.739	2012.410	44.277
kg 15 M 9	1900.438	2019.154	44.292
kg 15 M 10	1903.155	2020.013	44.307
kg 15 M 11	1905.542	2021.531	44.321
kg 15 M 12	1910.268	2026.600	44.356
kg 15 M 13	1913.996	2028.193	44.376
kg 15 M 14	1918.049	2028.256	44.396
kg 15 M 15	1926.758	2023.980	44.427
kg 15 M 16	1926.413	2020.279	44.458
kg 15 M 17	1926.543	2016.227	44.453
kg 15 M 18	1922.379	2009.648	44.442
kg 15 M 19	1918.707	2007.732	44.391
kg 15 M 20	1916.657	2007.534	44.371
kg 15 M 21	1908.682	2010.008	44.339
kg 15 M 22	1906.420	2010.891	44.326
kg 15 M 23	1904.076	2011.525	44.314

Curve no	l	Radius	Arc	Mid Ord	Qtr Ord	X	Y	l	Mid Ord RL	
kg 15 M 2 3	3	-62.398	-10.500	11.435	1.519	1.132	2.616	2.824	2.859	44.307
kg 15 M 3 4	4	89.047	10.500	16.319	3.014	2.231	3.385	3.978	4.080	44.376
kg 15 M 4 5	5	89.047	10.500	16.319	3.014	2.231	3.385	3.978	4.080	44.458
kg 15 M 5 6	6	89.047	10.500	16.319	3.014	2.231	3.385	3.978	4.080	44.391
kg 15 M 6 7	7	-24.745	-22.500	9.717	0.523	0.392	2.396	2.425	2.429	44.326



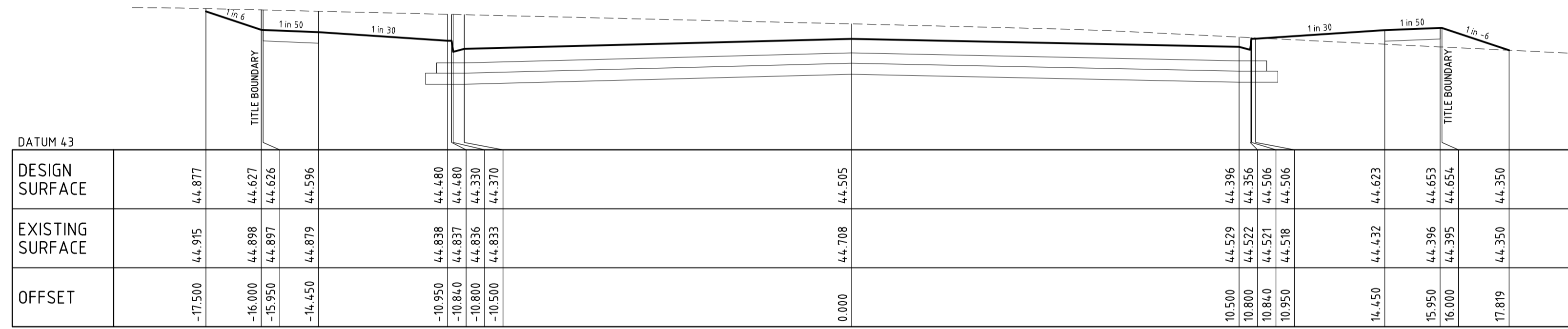
EXISTING SURFACE - LEFT TITLE BOUNDARY
 EXISTING SURFACE - RIGHT TITLE BOUNDARY
 DESIGN C.L.
 DESIGN LEFT & RIGHT LIP OF KERB



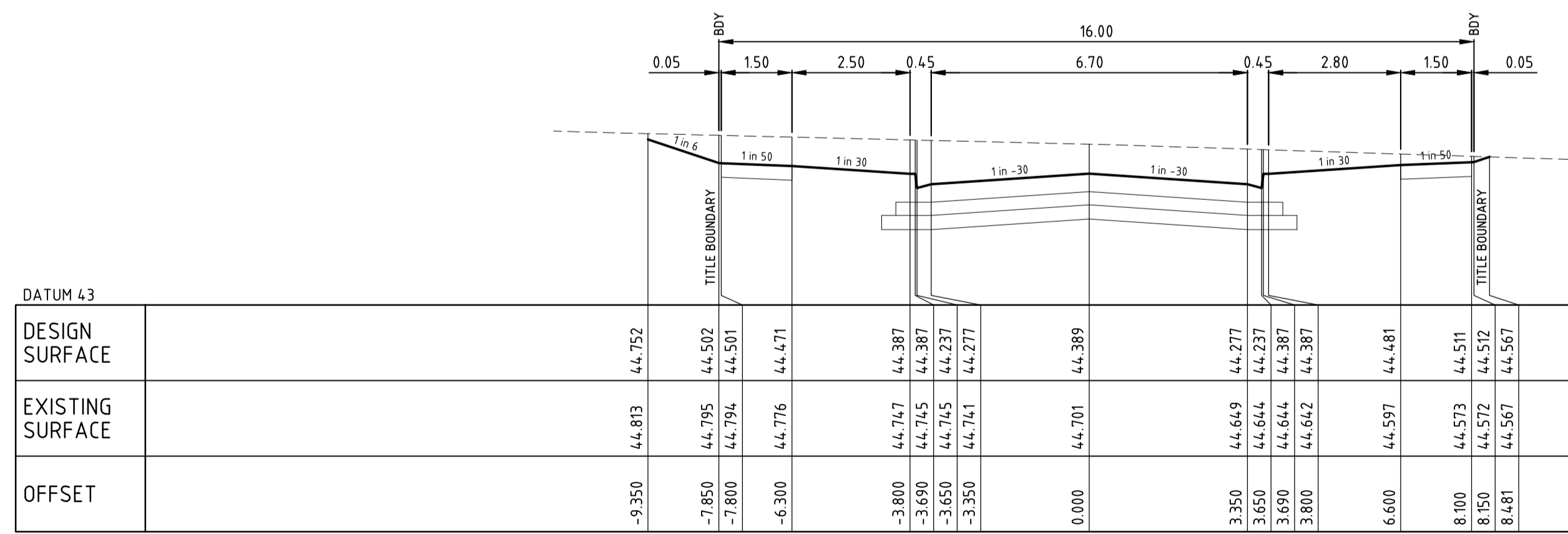
DATUM 42	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN C.L.	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY	CHAINAGE
	44.85	44.41	44.19	44.30	44.42	44.42	44.62	200.00
	44.79	44.50	44.28	44.39	44.32	44.51	44.57	211.86
	44.85	44.65	44.32	44.44	44.32	44.60	44.47	220.00
	44.90	44.63	44.37	44.51	44.40	44.65	44.40	231.23
	44.87	44.74	44.42	44.46	44.45	44.77	44.50	240.00
								247.23

LONGITUDINAL SECTION (Rd05)
 H 1:500 V 1:50

ORIGIN DRIVE

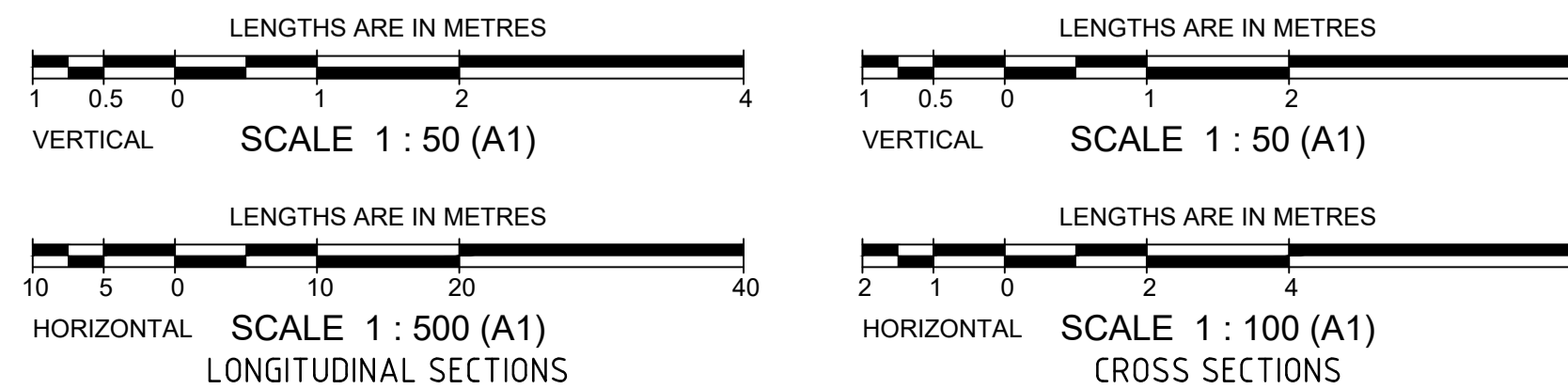


CHA 231.233



CHA 211.859

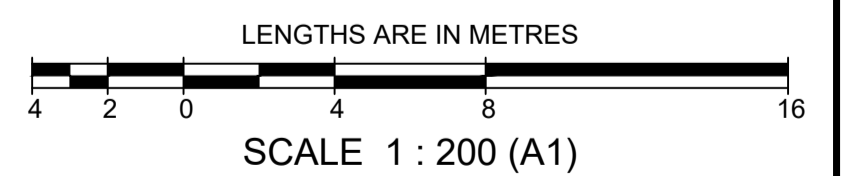
CROSS SECTIONS (Rd05)
 H 1:100 V 1:50



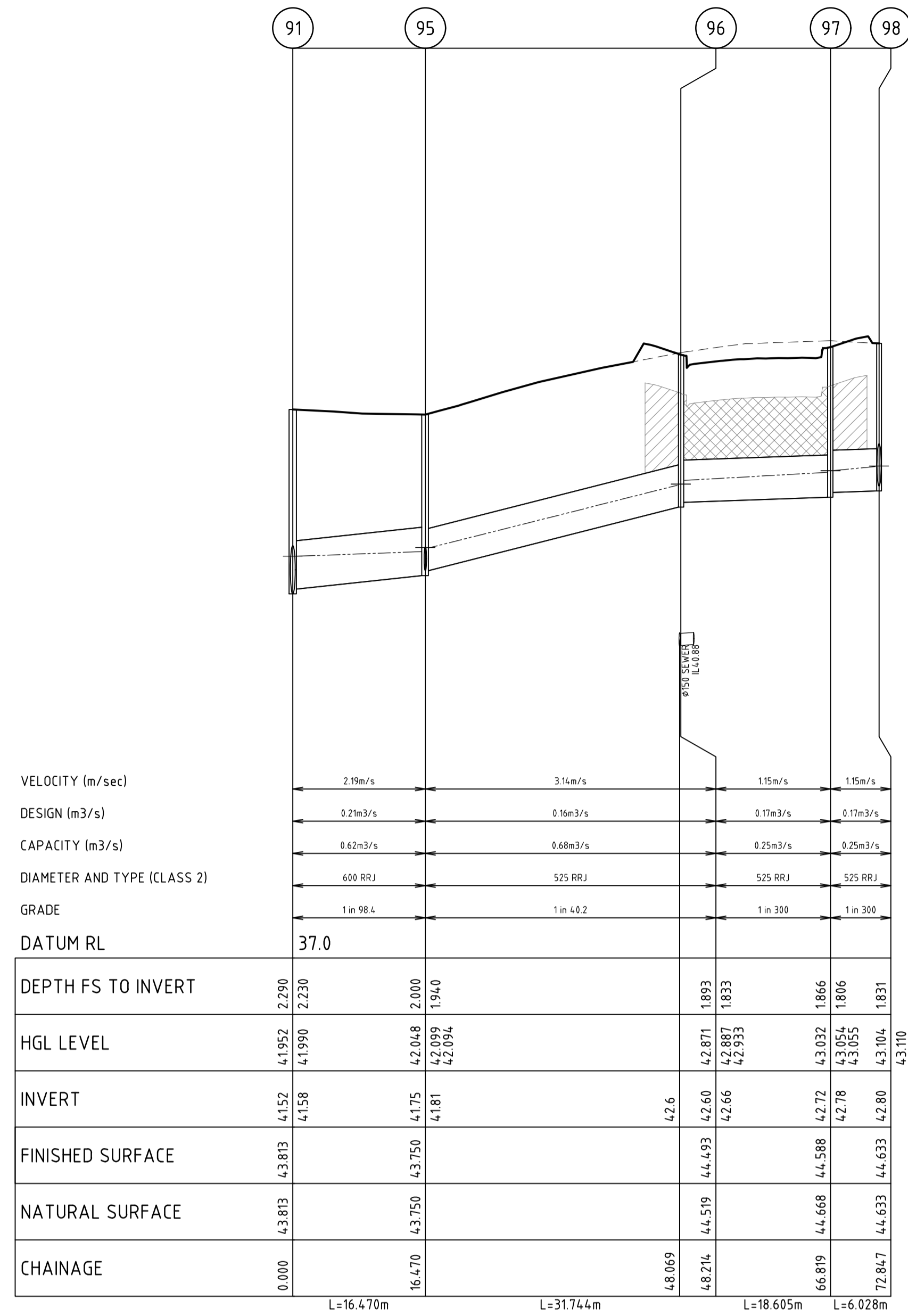
INTERSECTION DETAILS

1:200

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. 360-F10 SURVEY BPD DESIGN TBC DRAWN TBC		ROTHWELL WEST STAGE 15 SUPERLOT		MUNICIPALITY WYNDHAM	
DATE 05/12/18 ISSUED FOR CONSTRUCTION		INTERSECTION DETAILS, LONG & CROSS SECTIONS		REFERENCE 8584 E/15SL	
CHECKED SCALE As Shown		DATUM AHD		DATE Nov'18	
SHEET 3 OF 4		A		SHEET 3 OF 4	



DRAINAGE LONGITUDINAL SECTION

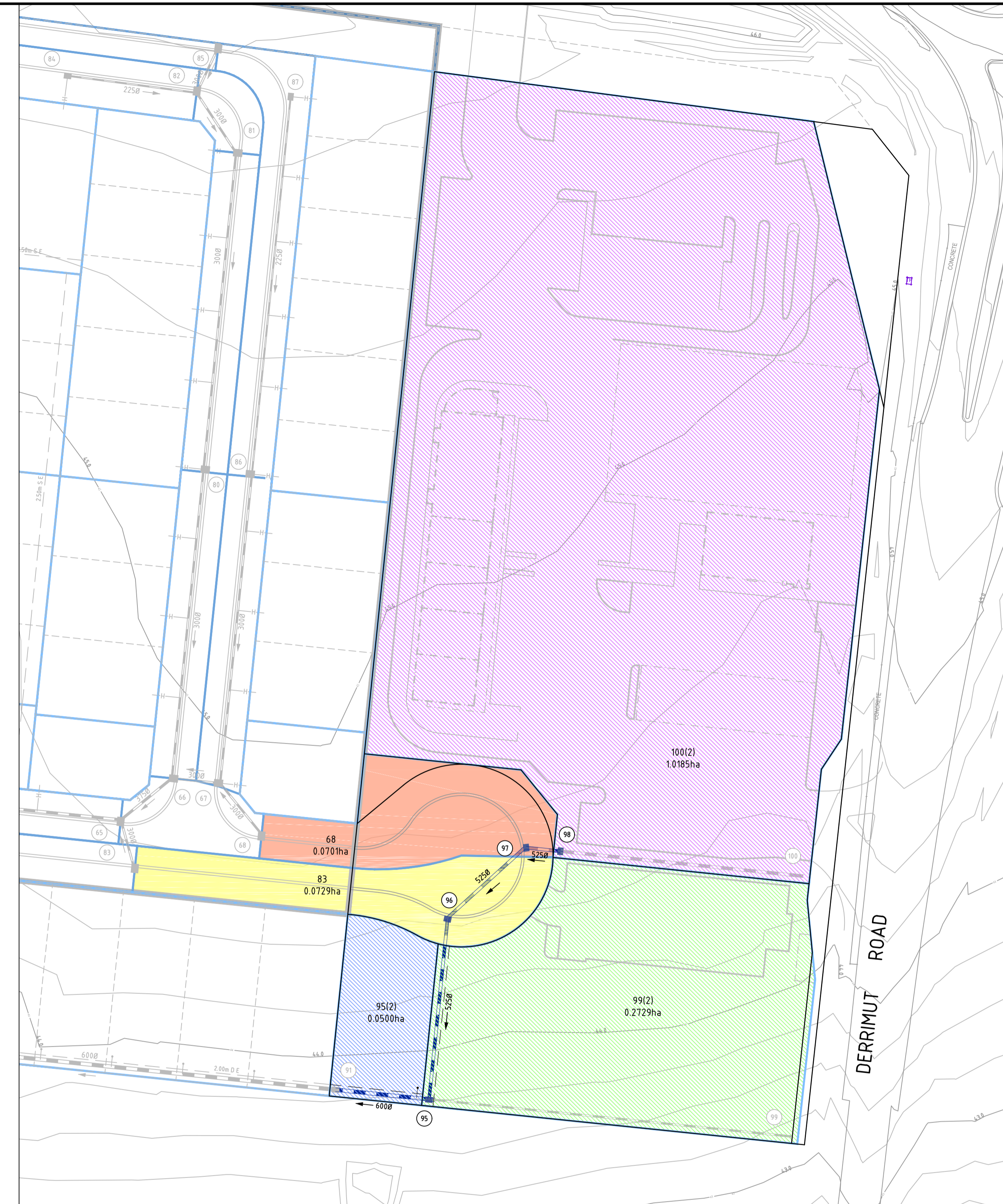
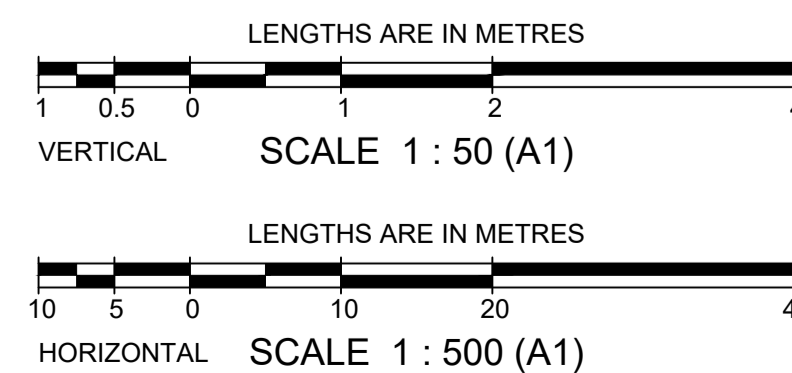
DRAINAGE PIT SCHEDULE										
Rothwell Estate - Stage 15 Super Lot										
PIT No	PIT TYPE	INTERNAL		INLET		OUTLET		PIT		REMARKS
		WD	LEN	DIA	INV LEV	DIA	INV LEV	FINISHED COVER RL	DEPTH	
91	Existing Easement Pit	750	900			600	41.52	43.813	2.290	MPA EDCM STD DWG 607 (HAUNCHED)
95	Easement Pit	750	900	525	41.81	600	41.75	43.750	2.000	MPA EDCM STD DWG 607 (HAUNCHED)
96	Junction Pit	600	900	525	42.66	525	42.60	44.493	1.893	MPA EDCM STD DWG 605
97	Junction Pit	600	900	525	42.78	525	42.72	44.588	1.866	MPA EDCM STD DWG 605
98	Easement Pit	600	900	525	42.86	525	42.80	44.633	1.831	MPA EDCM STD DWG 605

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)

PIT SCHEDULE NOTES

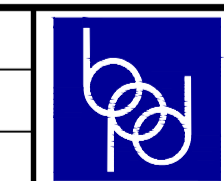
- WHERE PIT HAUNCHING IS REQUIRED, INTERNAL PIT WALL DIMENSIONS MUST ALLOW 50mm CLEARANCE EACH SIDE OF PIPE OUTSIDE DIAMETER, INCLUDING ANGULAR PIPE ENTRY TO PIT. MINIMUM DIMENSIONS OF PIT BASE ARE TO BE AS PER SIZES SPECIFIED IN THE PIT SCHEDULE. TOP OF PIT OPENING FOR ALL HAUNCHED PITS TO BE 900mm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



DRAINAGE Q5 CATCHMENT PLAN

1:500

AS CONSTRUCTED



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land surveyors civil engineers

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hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

**ROTHWELL WEST
STAGE 15 SUPERLOT**

MUNICIPALITY
WYNDHAM

DRAINAGE LONG SECTION AND PIT SCHEDULE

REFERENCE
8584 E/15SL

AMENDMENTS	DATE	REMARKS	CHECKED	SCALE	DATUM	DATE	SHEET
A	05/12/18	ISSUED FOR CONSTRUCTION		As Shown	AHD	Nov'18	4 OF 4

PlotNo: 8584 E/15SL