

infrastructure being installed. B. 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.

surveyor responsible for certifying the Plan of Subdivision prior to underground

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.

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1/2

30808080808080808

— GW — GW —

- G --- E -- T -

SYMBOL LEGEND

Drains

Water

Sewer <300

Sewer ≥300

House Drain

Street Sign

Property Inlet

Retaining Wall

Conduits 50mm

Conduits 100mm

Ex Gas/Elect/Tel

DESCRIPTION I A LOCALITY PLAN, DETAIL PLAN, SHEET INDEX, NOTES & SERVICES SCHEDULE 2 A INTERSECTION DETAIL, DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE 3 A LONGITUDINAL SECTION & CROSS SECTIONS - HITCHAM WAY 4 A LONGITUDINAL SECTION & CROSS SECTIONS - CADDINGTON LANE 5 A PARKING & SIGNAGE PLAN

SHEET INDEX

6 A SERVICE VEHICLE TURNING MOVEMENTS

SERVICES OFFSETS AND LOCATIONS

CMDEEM	MAME	Rd.RESERVE	WATER		CAG	ELECTRICITY		FIBRE TO	ГНЕ НОМЕ	DI C VEDD	TOTAL MEDINGILIA		
STREET	NAME		DW	NDW	GAS	CABLES	POLES	FTTH CABLES	FTTH PITS	Bk. of KERB	JOINT TRENCHIN		
HITCHAM WAY		8.00	-	-	-	0·50N	0.20 BDY	-	-	0·85N - S	-		
CADDINGTON LANE		4.00	1.905	1 · 455	1.005	3.205	-	2 · 705	2·705*	-	W & G, E & FTTH		

WORKS

ALEXO ROAD

LOCALITY PLAN

NTS

NOTE: ^ Indicates FITH pit placed within concrete footpath.

NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH MPA AND HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN HUME CITY COUNCIL. THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS AND PRIOR TO AN ONSITE PRECOMMENCEMENT MEETING.
- PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - a) SOURCE OF QUARRY MATERIAL b) N.A.T.A. APPROVED TEST RESULTS FOR THE F.C.R. THAT IS TO BE USED c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
- PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND OHS REGULATIONS 2007 HAVE BEEN AND WILL BE COMPLIED WITH.
- 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.
- THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS. AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- 10. ALL CO-ORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA)
- II. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE MPA MANUAL AND HUME CITY COUNCIL SPECIFICATIONS.
- 12. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLAN. FILLING IS TO BE CLEAN CLAY COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.1.1-2003.
- 13. FILLING TO COMPLY WITH A.S.3798-2007, LEVEL I UNLESS SPECIFIED OTHERWISE.
- 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 IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- WHERE. AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED, A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED.
- NO TREE OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCIL'S SUSTAINABLE ENVIRONMENT DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.
- 17. BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5M DEEP, NOTICE OF SUCH PROPOSAL IS TO BE FORWARDED BY THE CONTRACTOR TO WORKSAFE VICTORIA
- 18. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURES/FENCES AND FOR ANY RETAINING WALLS OVER 1.0M IN HEIGHT.
- 19. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
- 20. PRIOR TO STATEMENT OF COMPLIANCE ALL DISTURBED AREAS (INCLUDING NATURE STRIPS, BATTERS, ALLOTMENTS WITH GRADES OF 1:5 AND GREATER, AND RESERVES) ARE TO BE REINSTATED TO A CLEAN, TIDY CONDITION, TOP DRESSED (100mm LOAMY TOP SOIL FREE OF RUBBISH, DEBRIS, CLUMPS, SODS AND CLAY LUMPS), LIGHTLY COMPACTED AND HYDRO MULCHED WITH A STRAW AND SEED MIX OF 90% DROUGHT TOLERANT PERENNIAL RYE AND 10% KIKUYU. GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD. UNLESS OTHERWISE AGREED IN WRITING.

IN ADDITION, FOR LOTS WITH GRADES OF 1:5 AND GREATER, A 5m WIDE EDGE TO THE FRONT BOUNDARY OF LOTS IS TO BE STABILISED BY HYDRO-MULCHING PRIOR TO SOC. HYDRO-MULCHING SEED MIX DELIVERY DOCKETS ARE TO BE PROVIDED, WORKS ARE TO BE SIGNED OFF AS COMPLETED BY COUNCIL'S CIVIL SUBDIVISION SUPERVISORS.

- 21. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.
- 22. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.
- 23. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
- SERVICE CONDUITS TRENCHES UNDER DRIVEWAYS AND FOOTPATHS ARE TO BE 50MM P.V.C. LAYED 450mm DEEP AND EXTENDING 250mm EACH SIDE OF DRIVEWAYS/FOOTPATHS. ALL SERVICE CONDUITS TRENCHES UNDER ROAD PAVEMENTS ARE TO BE BACKFILLED WITH 20mm 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.2.1-2003. ALL SERVICE CONDUITS TRENCHES UNDER FOOTPATH, VEHICULAR CROSSINGS, PARKING BAYS AND WITHIN 750MM OF PARKING BAYS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK.
- 25. ALL STORMWATER DRAINS TO BE CLASS 2 R.C. OR RIGID F.R.C. PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO & INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.

SSUED FOR CONSTRUCTION

REMARKS

WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.

/04/18

DATE

Ex/Natural/FS Level +28.57 +NS28.57

Top/Toe of Batter 10828.57

FL28·57

Top Ret. Wall Level Tw28.57

FS @ Building Line 1828:57

100yr Flood Level

Fill Prop/Ex (→ 0.2m depth)

Cut Prop/Ex (≥ 0.2m depth)

- 27. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE
- 29. AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 30. ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 3 F.C.R. COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.2.1-2003. ALL DRAINS, SEWERS, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT (ONDUITS) ARE TO BE BACKFILLED WITH 20mm (LASS 2 F.C.R. COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.2.1-2003.
- 31. PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150mm LAYERS TO ACHIEVE TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.1.1-2003.
- 32. ALL EXISTING ASSETS AFFECTED BY THE WORKS (SIGNS, VEHICLE CROSSINGS, FOOTPATHS, KERB AND LINEMARKING) SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 33. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A., M.F.E.S.B & N.R.E.). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST
- 34. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD282.
- 35. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 36. ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH A.S.1742 - 1, 2 & 3. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH STANDARD DRAWING SD408 AND TO BE MOUNTED ON STREET LIGHT POLES WHERE POSSIBLE.
- 37. ALL LINEMARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL
- ALL SIGNS TO BE CLASS I HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF A.S.1743-2001.
- 39. HOUSE DRAIN CONNECTIONS TO 150mm DIAMETER PIPES TO BE VIA A MANUFACTURED JUNCTION PIECE. 150mm DIAMETER STORMWATER PIPES ARE TO BE HEAVY DUTY SEWER GRADE. PVC PIPES SHALL BE BACKFILLED WITH 10mm MINUS F.C.R. TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS.
- 40. LOTS DENOTED THUS 36H ARE TO BE PROVIDED WITH A 100mm HOUSE DRAIN CONNECTION TO BE LAID AT AN OFFSET OF 5.0M FROM THE LOW SIDE TITLE BOUNDARY AND PROPERTY INLETS I.OM FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN.
- 41. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE
- 42. BATTERS SHALL BE IN I IN 5 FOR FILL AND I IN 3 FOR CUT UNLESS OTHERWISE SHOWN.
- 43. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE ENGINEER. ALL LOTS TO BE | IN 150 MINIMUM SLOPE.
- 44. 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 CONCRETER MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
- 45. TELSTRA/NBN Co TO BE NOTIFIED SEVEN (7) DAYS PRIOR TO CONCRETE WORKS BEING PLACED.
- 46. LOCATION OF GAS, WATER AND TELSTRA/NBN CO CONDUITS ARE TO BE APPROPRIATELY MARKED ON THE FACE OF THE KERB AND CHANNEL WITH G, W, T AND O RESPECTIVELY. ALL CONDUIT ENDS SHALL BE SECURELY PLUGGED. TELSTRA/NBN Co, GAS & WATER CONDUITS TO BE 50mm CLASS 12 UPVC.
- 47. ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF I IN 4 TO THE SATISFACTION OF THE ENGINEER.
- 48. CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING, PLANKING, STRUTTING AND DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORKS.
- 49. ALL CONCRETE TO BE 25MPa UNLESS OTHERWISE SPECIFIED.
- 50. 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.
- 51. KERB TYPES TO BE USED AS SHOWN.
- 52. STANDARD FOOTPATH AS PER MPA EDCM 401.
- BLASTING GENERALLY IS NOT ENCOURAGED, HOWEVER, BLASTING MAY BE REQUIRED AS A LAST RESORT DEPENDING ON GROUND CONDITIONS. COUNCIL IS TO BE NOTIFIED IN WRITING IF ANY BLASTING IS NECESSARY. RESIDENTS LIKELY TO BE AFFECTED BY THE BLASTING AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING PRIOR TO WORKS COMMENCING. COPIES OF THESE NOTIFICATIONS ARE TO BE SUBMITTED TO COUNCIL RESIDENT NOTIFICATION LETTER IS TO INCLUDE BLASTING GUIDELINES, FIRING AND MISFIRE

PROCEDURES AND CONTRACTOR AND DEVELOPER'S CONSULTANT CONTACT NAMES AND TELEPHONE NUMBERS. ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN A.S.2187.2.1993

ALL BLASTS SHALL BE MONITORED FOR AIR AND NOISE VIBRATION AT POTENTIALLY AFFECTED RESIDENCES. "FORM A" FROM AS2187.2-1993, AND WAVE TRACE COPIES ARE TO BE SUBMITTED BLASTING IS TO BE RESTRICTED TO BETWEEN 9:00am AND 3:30pm. BLASTING IS NOT TO OCCUR ON WEEKENDS OR PUBLIC HOLIDAYS.

BLASTING AREA SIGNS ARE TO BE PLACED AT ALL ENTRANCES TO THE SITE.

54. FITZROY BOX TO BE PROVIDED FOR EXISTING WATER VALVE LOCATED UNDER PROPOSED CROSSOVER FOR LOT 7.

55. PROVIDE A 1.8m HIGH PALING FENCE ALONG THE SUB STATION RESERVE BOUNDARY. PALINGS TO BE ON THE LOT SIDE AND STAINED IN A DARK GREEN COLOUR ON THE SIDE FACING THE RESERVE TO THE SATISFACTION OF COUNCIL

> breese pitt dixon pty. Itd. land surveyors civil engineers

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

WARATAH ESTATE STAGE 3A

MUNICIPALITY HUME REFERENCE 8711 ^L/3A

SHEET

DATE

SEP'I7

OF 6

MELWAY REF. 366-E-6 BPD SURVEY

DESIGN

DRAWN

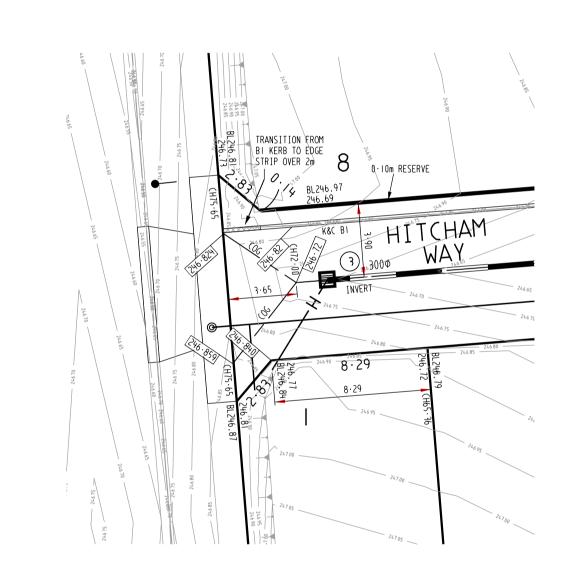
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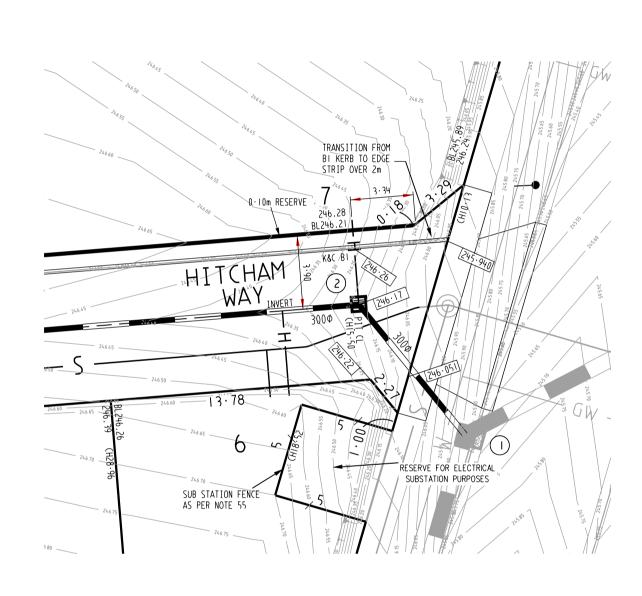
NC

DATUM AHD

SCALE AS SHOWN

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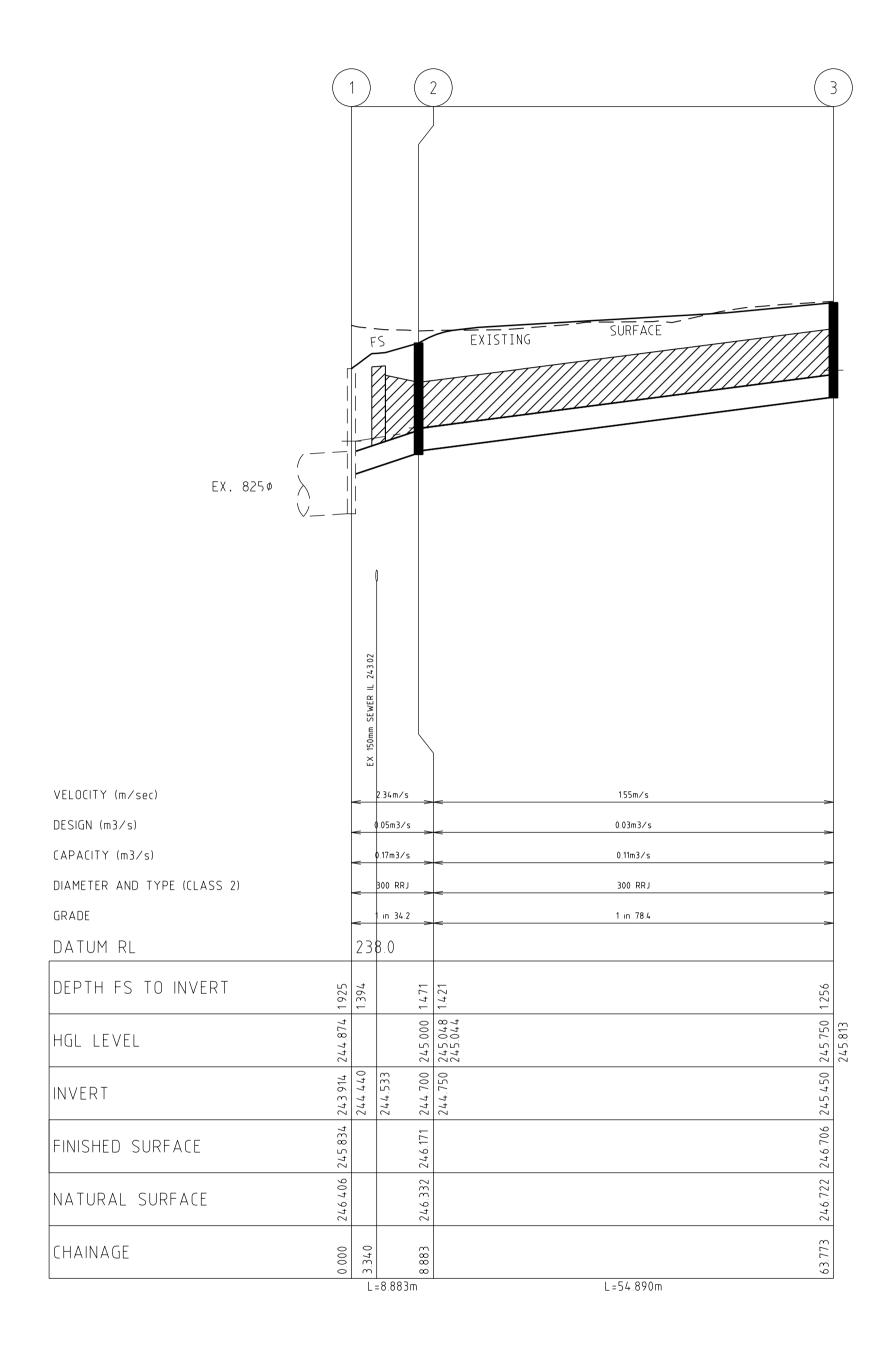




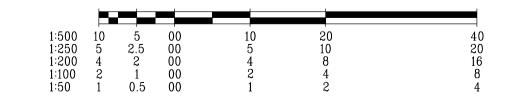
INTERSECTION DETAILS SCALE 1:200

PIT SCHEDULE

PIT	PIT DESCRIPTION	LENCTH	WIDTH	INLE		LET OUT		TOP	DEPTH	REMARKS			
No.	THE DESCRIPTION	PENGIII		INVERT	DIA	INVERT	DIA	PIT RL	INVERT	REMARKS			
1	EXISTING PIT	-	-	244.44	300	243.91	825	245.83	1.92	NEATLY BREAK OUT EXISTING PIT			
2	GRATED PIT	900	600	244.75	300	244.70	300	246.17	1.47	EDCM STD DWG 605. PROVIDE HEAVY DUTY GRATED COVER			
3	JUNCTION PIT	900	600			245.45	300	246.71	1.26	EDCM STD DWG 605. PROVIDE HEAVY DUTY COVER			



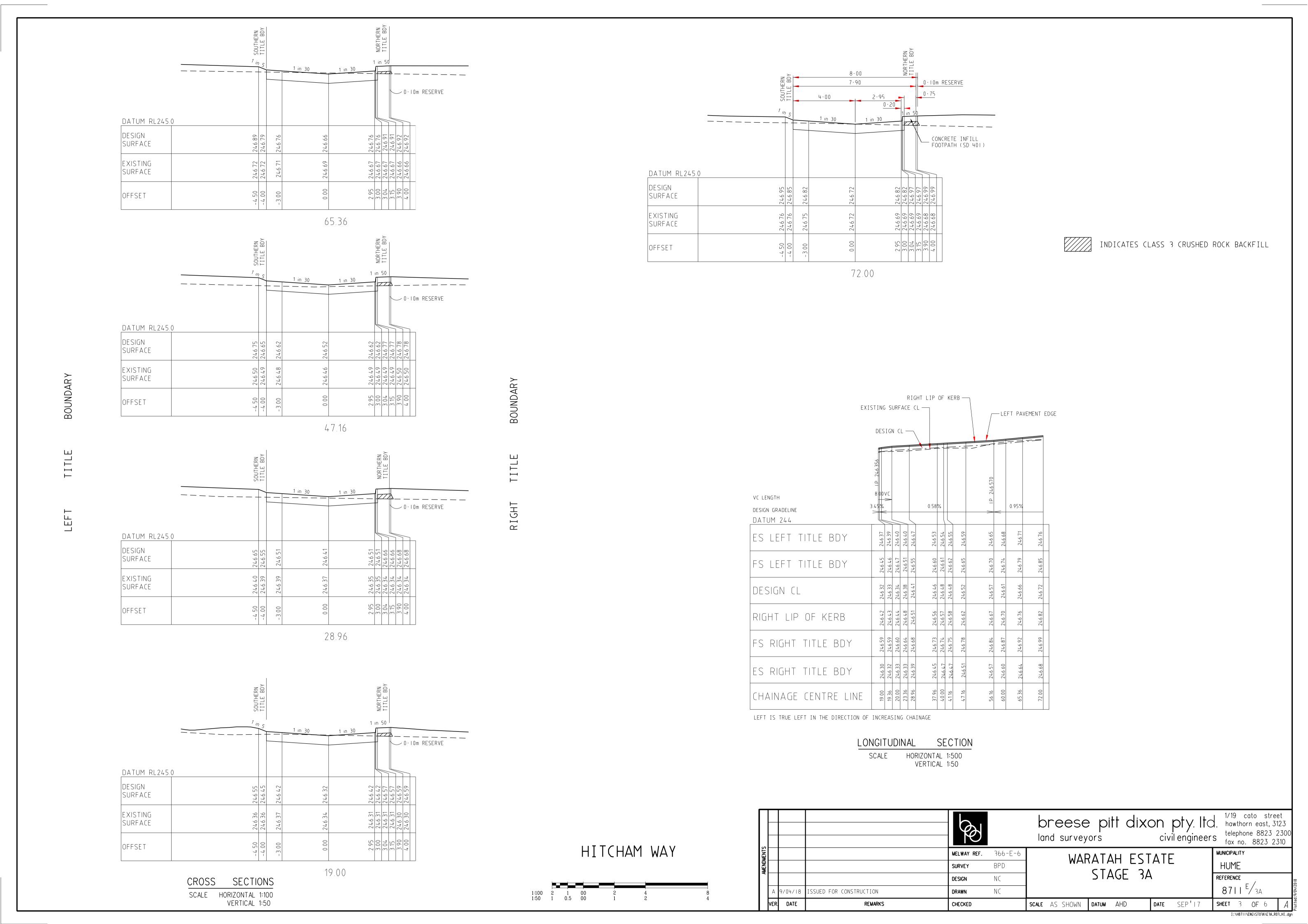
DRAINAGE LONGITUDINAL SECTIONS SCALE HORIZONTAL 1:500 VERTICAL 1:50

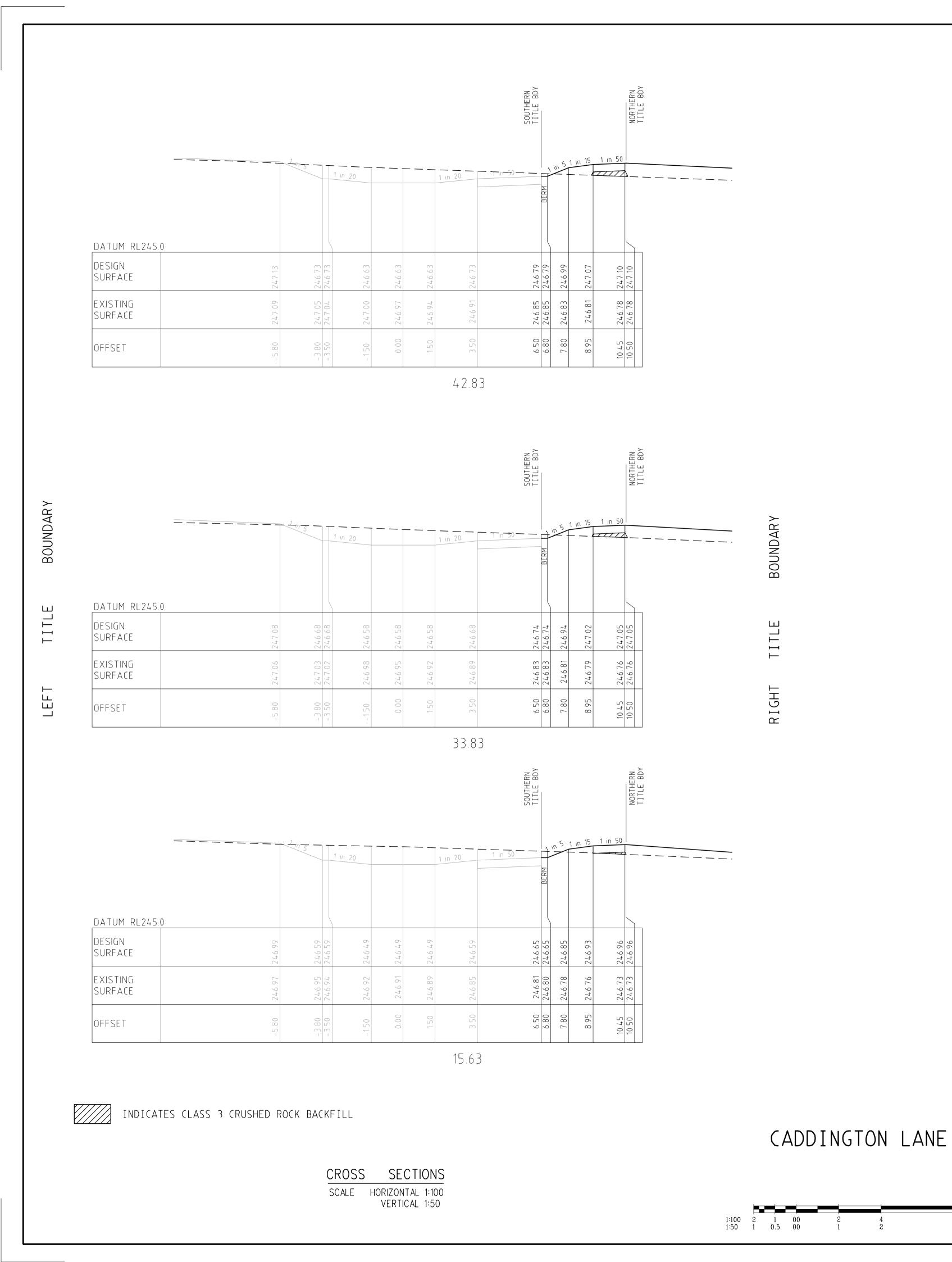




INDICATES CRUSHED ROCK BACKFILL --- INDICATES SYR HGL

						breese land survey	ı	dixa		oty. Ito engineers	. hav tele) cato vthorn eas ephone 88 no. 882	st, 3123 23 2300)
AMENDMENTS				MELWAY REF. 366-	-E-6	WARATAH ESTATE						MUNICIPALITY		
NEN I				SURVEY BPD						HUM	1E			
~ [DESIGN NC		STAGE 3A						REFERENCE /		
Ī	Д	9/04/18	ISSUED FOR CONSTRUCTION	DRAWN NC							87			:9/04/2
Ī	ER.	DATE	REMARKS	CHECKED		SCALE AS SHOWN	DATUM AH	lD	DATE	SEP'I7	SHEET	2 OF	6 A	Plotted
											I:\H87I	I\ENG\STO3A\E3A_	R02_INT&DRN.dg	jn





	A 9/04/I	8 ISSUED FOR CONSTRUCTION	DRAWN	IVC					0711 / JA	
			55.444	NC					8711 ^E /3A	
*			DESIGN	NC		STAGE	3A		REFERENCE /	
AMENDMENTS			SURVEY	BPD	WAR			_	HUME	
MENTS			MELWAY REF.	366-E-6	WARATAH ESTATE				MUNICIPALITY	
					breese	1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310				

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:500

VERTICAL 1:50

LEFT IS TRUE LEFT IN THE DIRECTION OF INCREASING CHAINAGE

VC LENGTH

DESIGN GRADELINE

DATUM 244

ES LEFT TITLE BDY

PS LEFT TITLE BDY

DESIGN CL

RIGHT FRONT OF PATH

FS RIGHT TITLE BDY

ES RIGHT TITLE BDY

ES RIGHT TITLE BDY

ES RIGHT TITLE BDY

ES RIGHT TITLE BDY

CHAINAGE CENTRE LINE

DESIGN CL

DESIGN CL

RIGHT FRONT OF PATH

CHAINAGE CENTRE LINE

DESIGN CL

DESIGN CL

RIGHT FRONT OF PATH

CHAINAGE CENTRE LINE

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RIGHT FRONT OF PATH

RIGHT FRONT OF PATH

CHAINAGE CENTRE LINE

RIGHT FRONT OF PATH

CHAINAGE CENTRE LINE

FRONT OF PATH

EXISTING SURFACE CL —

DATUM RL245.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET

1.00 1.15 1.50

_ ____

---BACK OF PATH

