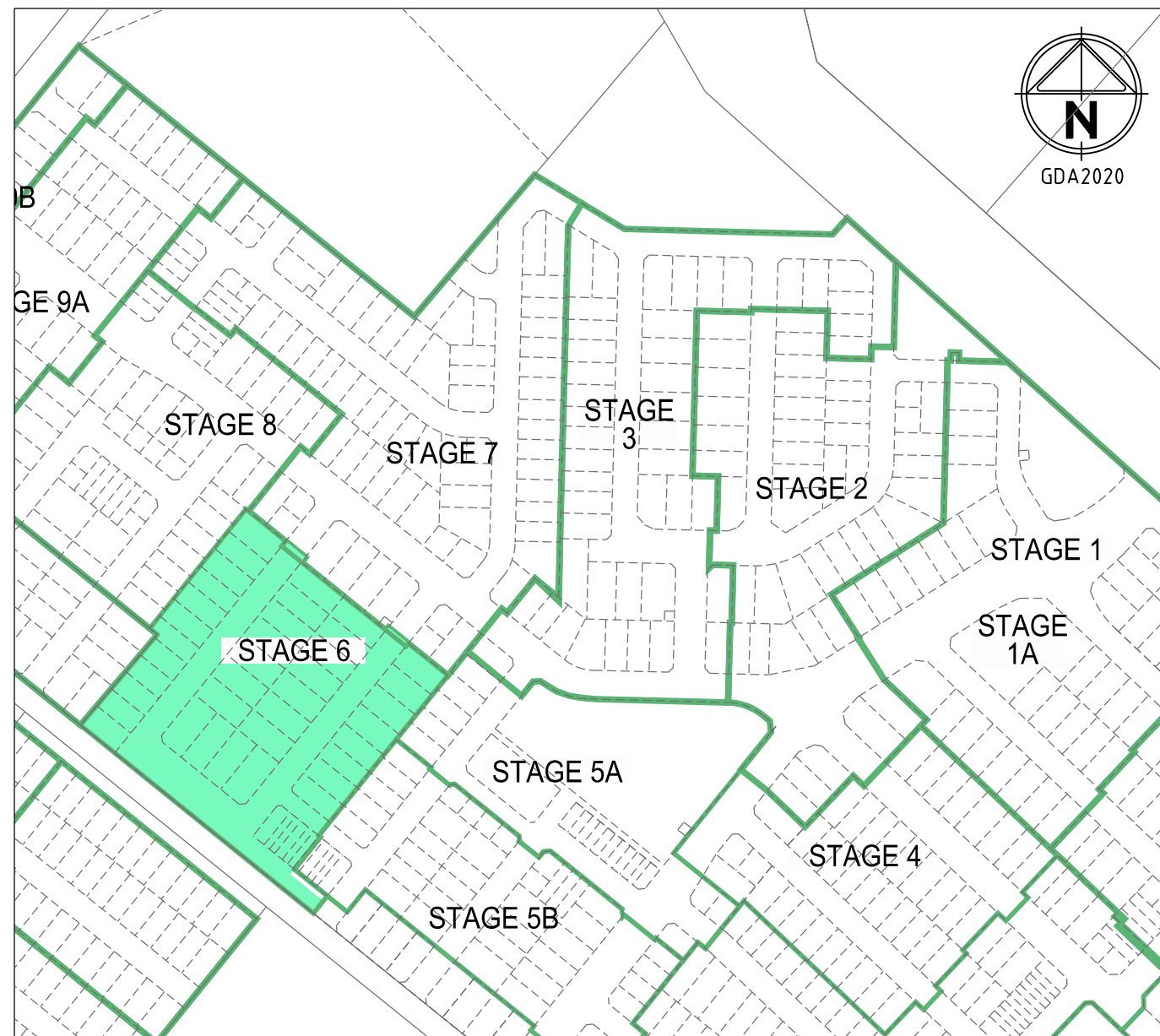


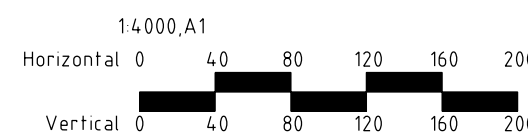
HUME COUNCIL STANDARD NOTES:

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH VPA AND HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE
2. 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
3. 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
4. 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
5. ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS
6. 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
7. 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
8. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
9. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD)
10. ALL CO-ORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA)
11. 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 VPA 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 FILL 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 5.11-2003
13. FILLING TO COMPLY WITH A S 3798-2007, LEVEL 1 UNLESS SPECIFIED OTHERWISE
14. 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
15. 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 STAIN PICKET AND WIRE FENCE SHALL BE CONSTRUCTED
16. 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 15M 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 REINSTATE TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE
20. PRIOR TO STATEMENT OF COMPLIANCE ALL DISTURBED AREAS INCLUDING NATURESTRIPS, BATTERS, ALLOTMENTS WITH GRADES OF 15 AND GREATER, AND RESERVES) ARE TO BE REINSTATE 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. HYDROMULCH AND SEED MIX TO BE:
  - 40KG/HA KIKUYU
  - 200KG/HA TURF TYPE PERENNIAL RYE
  - 100KG/HA FINE LEAF FESCUE
  - 1500KG/HA OF CELLULOSE FIBRE
21. SOIL BINDER, SPECIFICALLY MANUFACTURED FOR HYDROMULCHING, USED AT MANUFACTURERS RECOMMENDED RATES. (E.G. ORGANIC GAUR TACKIFIERS @ 20-30 KG/HA, BASED ON SITE CONDITIONS)
22. GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD, UNLESS OTHERWISE AGREED IN WRITING
23. FOOTPATHS ARE TO BE 50mm OFFSET FROM SITE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY
24. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED
25. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASH AGGREGATE OFF WITH WATER IS NOT PERMITTED
26. 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 5.21-2003. ALL SERVICE CONDUITS TRENCHES UNDER FOOTPATH, VEHICULAR CROSSINGS, PARKING BAYS AND WITHIN 750MM OF PARKING BAYS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK
27. ALL STORMWATER DRAINS TO BE CLASS 2 R.C. OR RIGID F.C. PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO & INCLUDING 750mm DIA. ARE TO BE RUBBER JOINT. INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA.

- 6 WHERE NEW ASPHALT, CONCRETE & K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
27. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
28. 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 12895 2.1-2003
- 41 DRAINS, SEWERS, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT CONDUITS) ARE TO BE BACKFILLED WITH 20mm CLASS 2 F.C.R. COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A S 12895 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 5.11-2003.
32. ALL EXISTING ASSETS AFFECTED BY THE WORKS, EG 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. PRIOR TO THE COMPLETION OF THE WORKS 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.B & E.S.B.) 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 EDCM STANDARD DRAWING 202
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
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 (MATRIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
38. ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF A S 1743-2001.
39. HOUSE DRAIN CONNECTIONS TO 150mm DIAMETER PIPES ARE 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. 100mm house drain connections TO BE LAID AT AN OFFSET OF 5.5m FROM THE LOW SIDE OF TITLE BOUNDARY ROAD FRONTAGE AND PROPERTY INLETS 10m FROM THE LOW SIDE OF TITLE BOUNDARY REAR EASEMENTS UNLESS OTHERWISE SHOWN.
41. 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 CONSULTANT CONTACT NAMES AND PHONE NUMBERS.  
ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN A S 2187 2-1993
42. 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 TO COUNCIL FOR EACH BLAST.  
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.
42. FENCING TO BE PROVIDED ALONG ROAD BOUNDARIES ABUTTING RESERVES TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.
43. WHERE SOIL SOILS ARE ENCOUNTERED, SODIC SOIL INVESTIGATIONS SHOULD BE CARRIED OUT BY A QUALIFIED SOIL SCIENTIST AND THE RECOMMENDATIONS OF THE REPORT SHOULD BE APPLIED DURING ROAD & DRAINAGE DESIGN AND CONSTRUCTION



## LOCALITY PLAN



## DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
305917R01	FACE SHEET	1	5
305917R02	DETAIL PLAN	2	4
305917R03	LOT LEVEL PLAN & RETAINING WALL DETAILS	3	0
305917R04	LONGITUDINAL SECTIONS - SPECKLE CIRCUIT	4	0
305917R05	LONGITUDINAL SECTIONS - SPECKLE CIRCUIT & PIT SCHEDULE	5	0
305917R06	CROSS SECTIONS - SPECKLE CIRCUIT	6	0
305917R07	CROSS SECTIONS - SPECKLE CIRCUIT	7	0
305917R08	LONGITUDINAL & CROSS SECTIONS - CRIMSON LANE	8	0
305917R09	INTERSECTION DETAILS	9	0
305917R10	CONCRETE JOINTING DETAILS	10	0
305917R11	DRAINAGE LONGSECTIONS - SHEET 1 OF 3	11	0
305917R12	DRAINAGE LONGSECTIONS - SHEET 2 OF 3	12	0
305917R13	DRAINAGE LONGSECTIONS - SHEET 3 OF 3	13	0
305917R14	TYPICAL CROSS SECTIONS AND TYPICAL DETAILS	14	0
305917R15	PAVEMENT DETAILS	15	0
305917R16	SIGNAGE, LINEMARKING & CARPARKING PLAN	16	0
305917R17	EXISTING CONDITIONS PLAN	17	0



## WARNING

BEWARE OF UNDERGROUND/OVERHEAD SERVICES  
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY  
AND THEIR EXACT POSITION SHOULD BE PROVEN ON  
SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING  
SERVICES ARE SHOWN. SPECIAL CONSIDERATION  
SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES  
UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

## SERVICES OFFSETS AND LOCATION TABLE

Location	WATER	ELECTRICITY		TELECOM	TELECOM PITS
	DW	CABLES	POLE		
SPECKLE CIRCUIT (LOT 613 TO 620)	2.60 W	2.50 E	0.90 BOK	1.80 E	1.80 E
SPECKLE CIRCUIT (LOT 631 TO 639)	2.60 W	2.30 E	0.90 BOK	1.70 E	0.75 E
SPECKLE CIRCUIT (LOT 620 TO 623)	2.60 N	1.10 N	0.90 BOK	0.30 S	0.30 S
CRIMSON LANE	1.50 N	3.20 S	0.90 BOK	0.50 N	0.50 N
BAYOU WALK	1.50 S	-	-	-	-

5	SHEET INDEX UPDATED - R01 & R02	M.T.S	23/05/23
4	SHEET INDEX UPDATED - R01 & R02	M.T.S	19/05/23
3	SERVICE OFFSET TABLE UPDATED. SHEET INDEX UPDATED - R01 & R02	M.T.S	09/05/23
2	SERVICE OFFSET TABLE UPDATED. SHEET INDEX UPDATED - R01	M.T.S	04/05/23
1	SHEET INDEX UPDATED - R01, R02	M.T.S	28/04/23
0	CONSTRUCTION ISSUE	M.T.S	05/04/23
Rev	Amendments	Approved	Date



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Designed  
R. WEINBER  
Authorised  
M. TOOMER-SMITH

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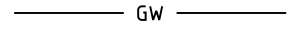



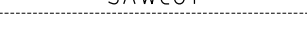





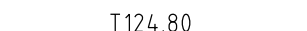

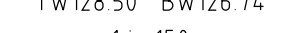

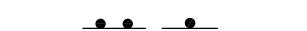

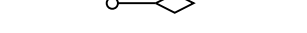








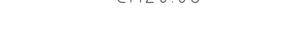
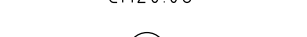

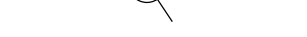








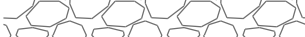






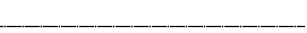

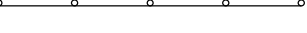

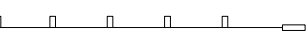









Checked  
D CAMERON  
Date  
09/09/21

# REDSTONE ESTATE STAGE 6 FACE SHEET

VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED** Drg No **305917R01**

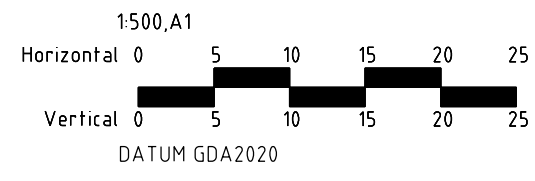
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LEGEND	
DESCRIPTION	EXISTING      PROPOSED
WATER MAIN, VALVE AND HYDRANT	 DW  NDW
WATER RECYCLED	 E  E
UNDERGROUND ELECTRICITY	 OE  OE
OVERHEAD ELECTRICITY & POLE	 T  T
TELECOMMUNICATIONS & SERVICE PIT	 OF  OF
OPTIC FIBRE	 OT  OT
OVERHEAD TELECOMMUNICATIONS	 G  G
GAS MAIN	 S  S
BRANCH SEWER & MAINTENANCE STRUCTURE	 SRM  SRM
SEWER & MAINTENANCE STRUCTURE	 S  S
SEWER RISING MAIN	 SRM  SRM
CENTRAL INVERT	 S  S
COUNCIL STORMWATER DRAIN AND PIT	 S  S
STORM WATER DRAINAGE PROPERTY INLETS	 S  S
COUNCIL STORM WATER PITS	 S  S
HOUSE DRAIN	 S  S
AG DRAIN AND FLUSHER	 S  S
MWC STORM WATER DRAIN & PIT	 S  S
MWC STORM WATER PITS	 S  S
STORM WATER DRAINAGE PIT NUMBER	 S  S
GAS & WATER CONDUITS	 S  S
CONCRETE VEHICLE CROSSING	 S  S
PAVEMENT SAWCUT LINE	 S  S
RIDGE / CHANGE OF GRADE LINE	 S  S
SURFACE CONTOUR MINOR	 S  S
SURFACE CONTOUR MAJOR	 S  S
SURFACE LEVEL	 S  S
BATTER LEVEL (TOP / TOE)	 S  S
RETAINING WALL LEVEL (TOP/BOTTOM)	 S  S
EARTHWORKS GRADE	 S  S
SIGN AND POST	 S  S
LIGHT & POLE (BY OTHERS)	 S  S
STREET SIGN	 S  S
PERMANENT SURVEY MARK	 S  S
TEMPORARY BENCH MARK	 S  S
BOLLARD	 S  S
ROAD CHAINAGES	 S  S
LOT CHAINAGES	 S  S
SETOUT POINT	 S  S
LIMIT OF WORKS	 S  S
BATTER	 S  S
EXCAVATION GREATER THAN 0.20m	 S  S
FILLING GREATER THAN 0.20m	 S  S
ROCK BEACHING	 S





Rev	Amendments	Approved	Date
4	SUB STATION FENCE ADDED	M.T.S	23/05/23
3	ADDITIONAL TREES REMOVED/ BOLLARDS REMOVED FROM KIOSK.	M.T.S	19/05/23
2	ELEC AND NBN LINWORK ADDED	M.T.S	09/05/23
1	LOT 634 DRIVEWAY SHIFTED SOUTH TO FORM DOUBLE WITH LOT 635	M.T.S	28/04/23
0	CONSTRUCTION ISSUE	M.T.S	05/04/23



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Your world awaits

Designed  
**R. WEINBER**  
Authorised  
**M. TOOMER-SMITH**

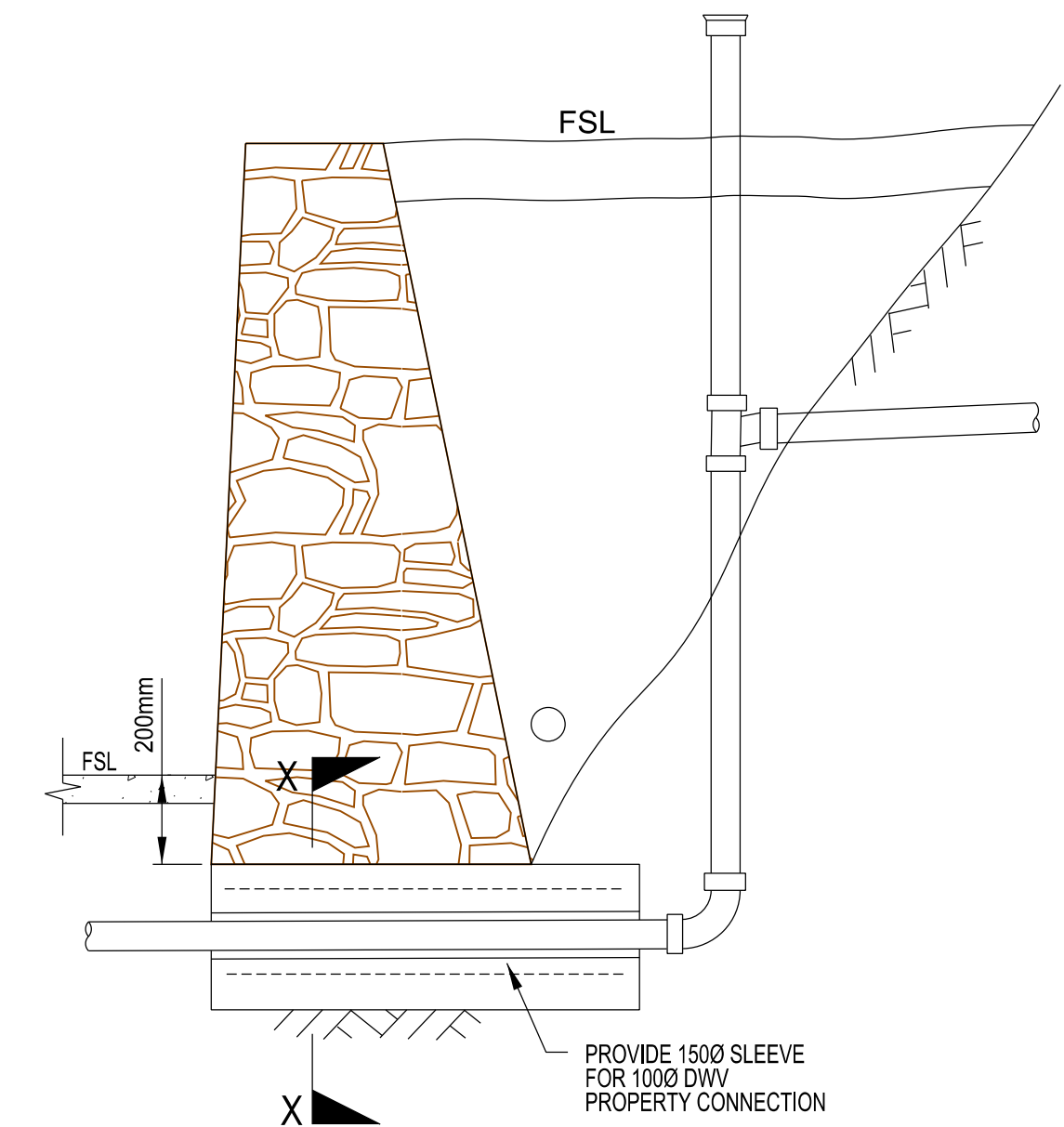
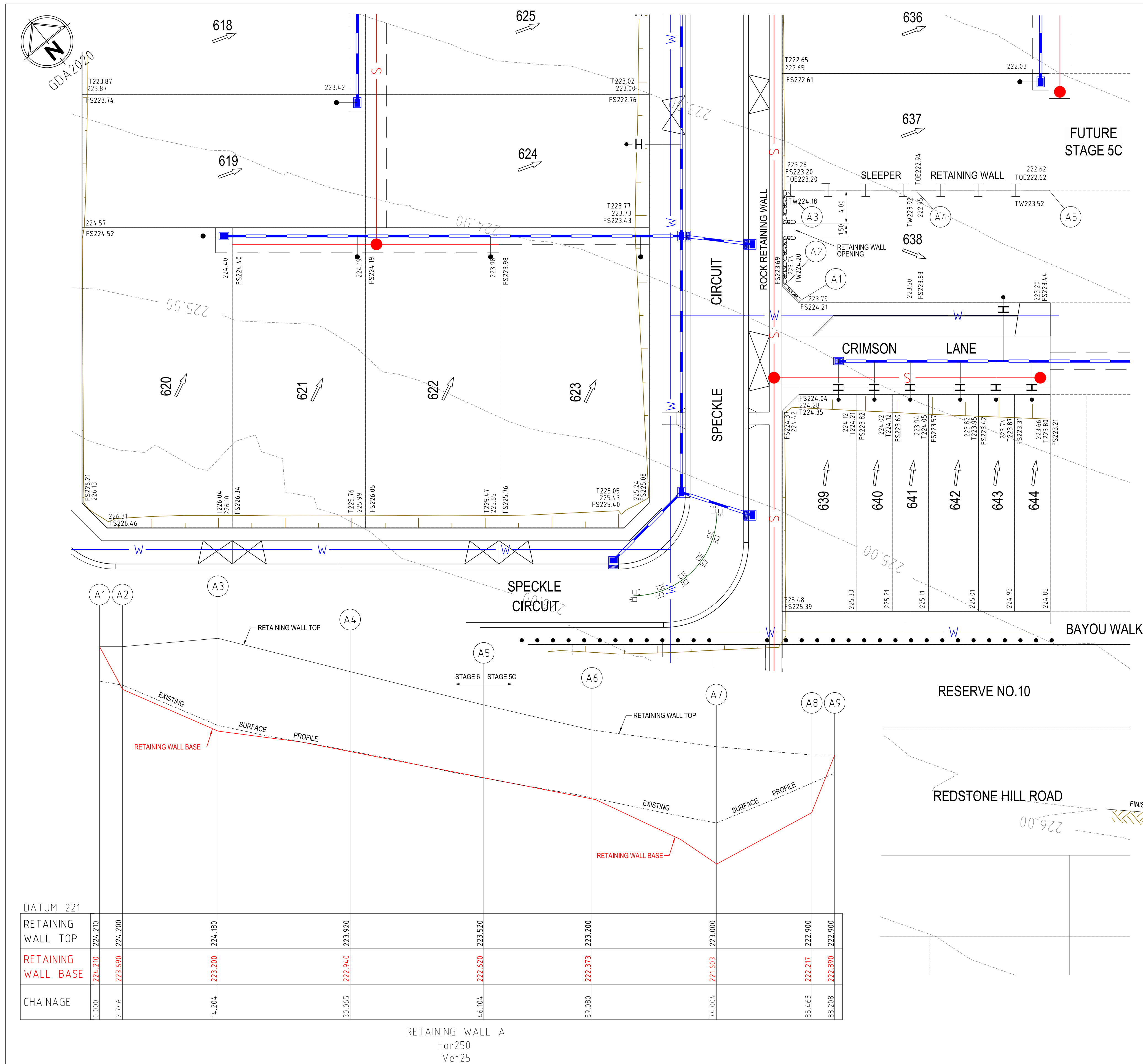
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**REDSTONE ESTATE  
STAGE 6  
ROAD & DRAINAGE FACE PLAN**

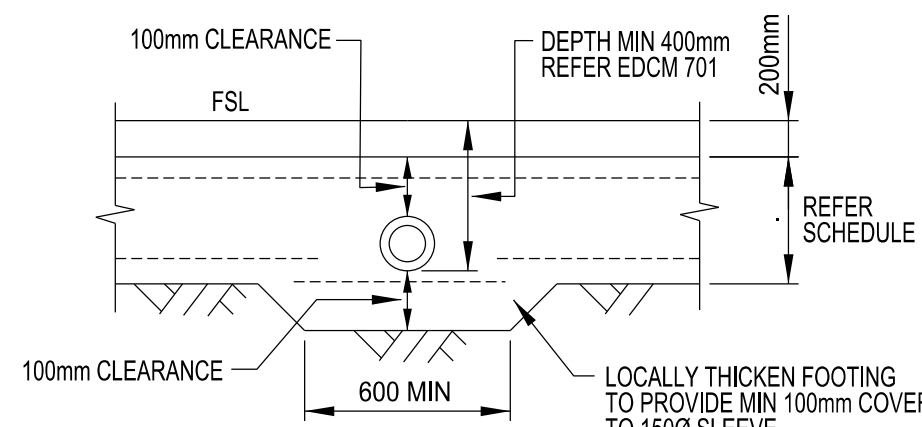
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED**      Drg No **305917R02**      Rev **4**





DRAINAGE CONNECTION UNDER ROCK RETAINING WALL  
NTS



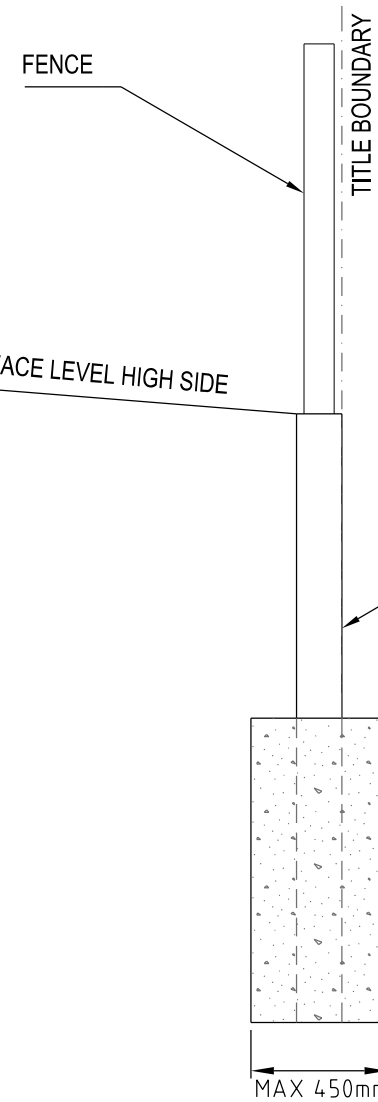
SECTION X-X  
NTS

**LEVEL LEGEND**  
FS214.49 FS = FINISHED SURFACE TITLE BOUNDARY  
214.94 EXISTING SURFACE LEVEL  
FP214.22 FP = FOOTPATH LEVEL  
TW215.00 TW = TOP WALL LEVEL  
TOE215.00 TOE = TOE WALL LEVEL  
T215.00 T = BATTER LEVEL

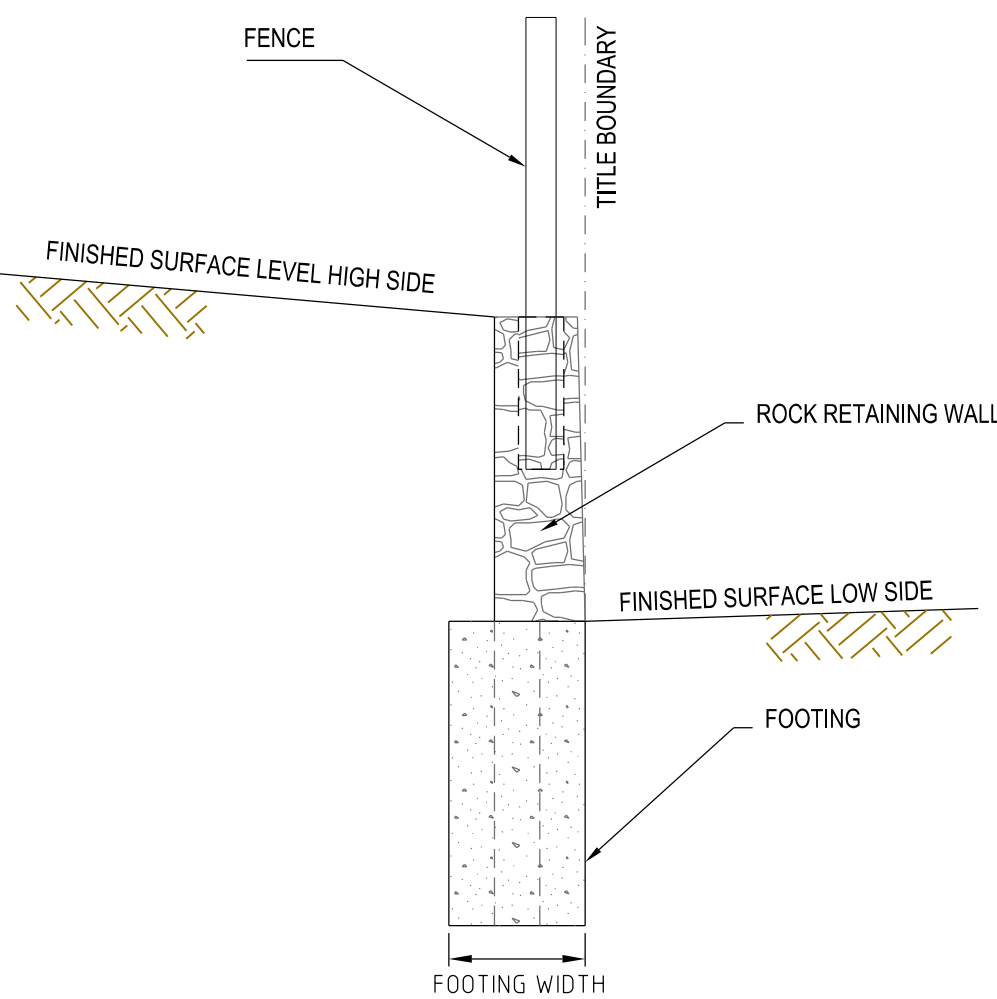
**NOTE:**  
THE RETAINING WALL PLAN IS NOT PART OF THE SUBDIVISIONAL WORKS OR APPROVAL IT IS SUBJECT TO SEPARATE APPROVAL. THIS SHEET IS SUPPLEMENTARY TO THE ENGINEERING DRAWINGS.

**NOTE:**  
FOR LEVELS OF RETAINING WALLS FRONTING STREETS, REFER TO RELEVANT ROAD/STREET LONGITUDINAL SECTIONS

**NOTE:**  
A6 DRAINS BEHIND RETAINING WALLS TO DISCHARGE INTO PROPERTY DRAINAGE CONNECTIONS

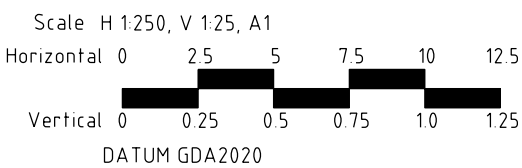


SLEEPER RETAINING WALL TYPICAL DETAIL  
NTS



ROCK RETAINING WALL TYPICAL DETAIL  
NTS

Rev	Amendments	Approved	Date
0	CONSTRUCTION ISSUE	M.T.S	05/04/23



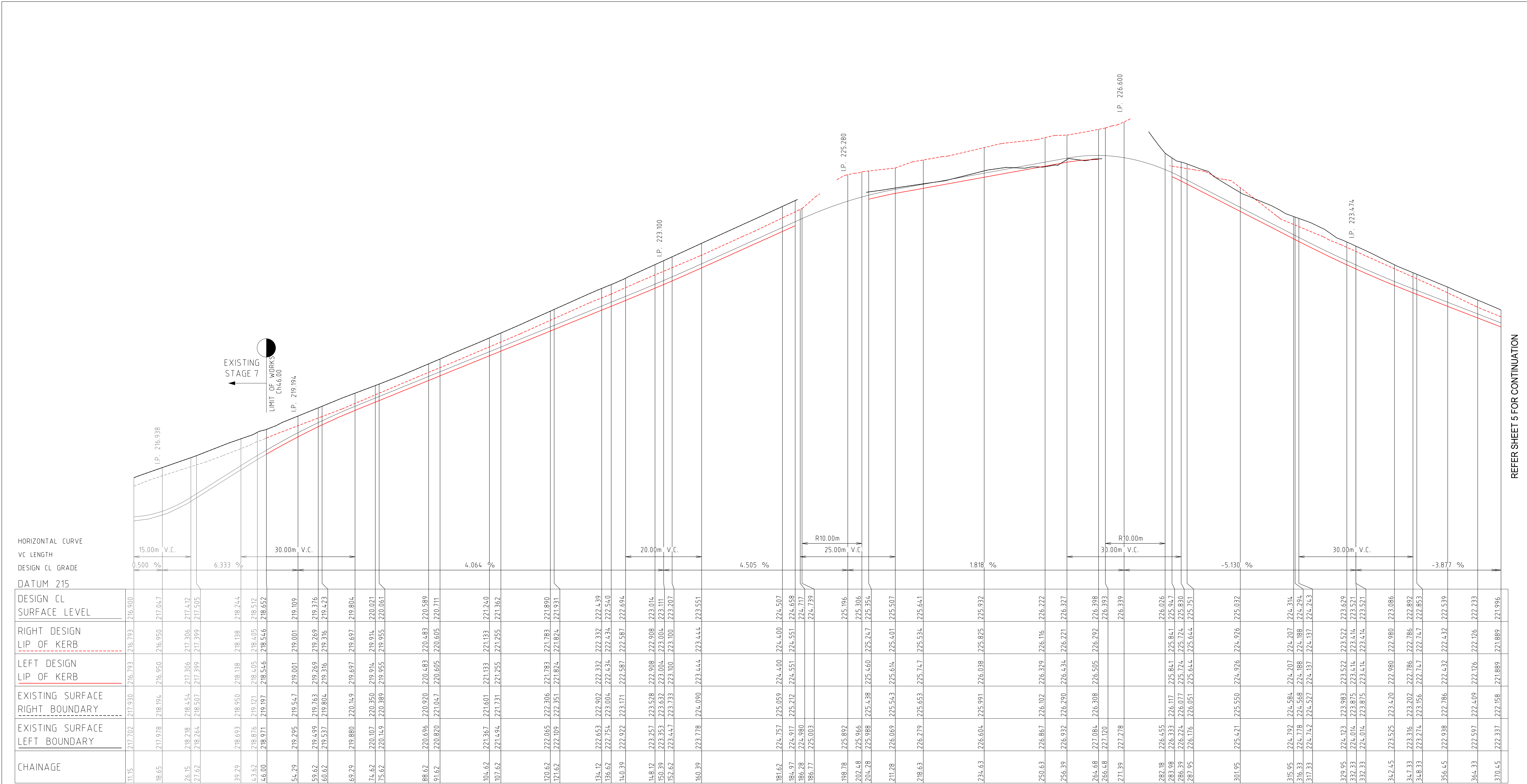
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Communities Designed for Living  
Designed  
R. WEINBER  
Authorised  
M. TOOMER-SMITH

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Checked  
D. CAMERON  
Date  
09/09/21

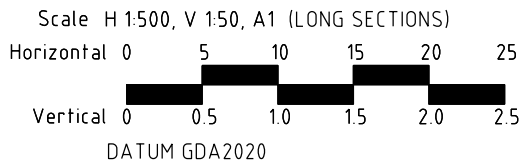
**REDSTONE ESTATE  
STAGE 6  
LOT LEVEL PLAN & RETAINING WALL DETAILS**  
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL  
**AS CONSTRUCTED** Drg No  
**305917R03** Rev  
**0**



REFER SHEET 5 FOR CONTINUATION

SPECKEL CIRCUIT

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REDSTONE ESTATE  
STAGE 6  
LONGITUDINAL SECTIONS - SPECKLE CIRCUIT

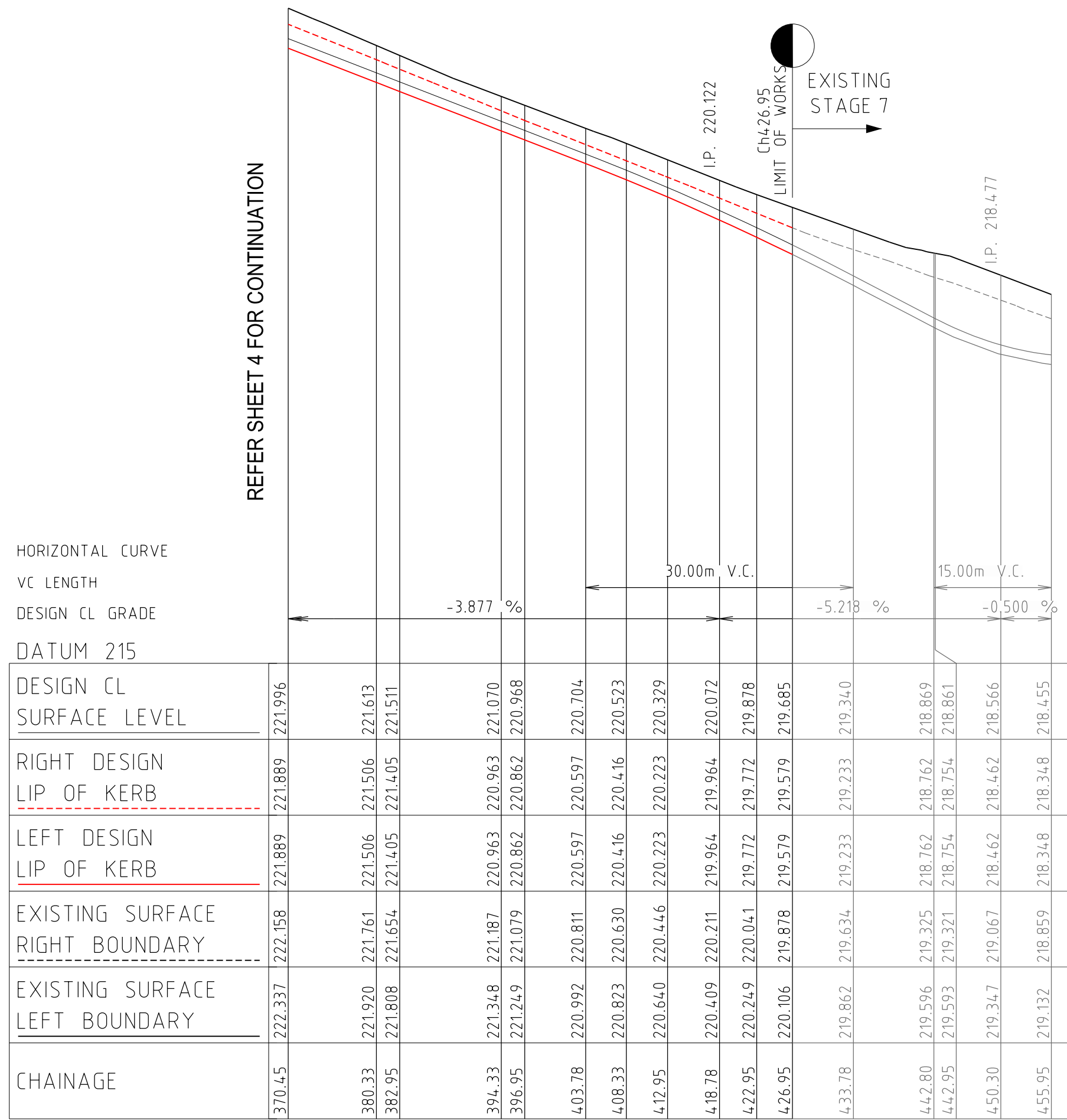
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED**

Drg No  
305917R04

Rev  
0



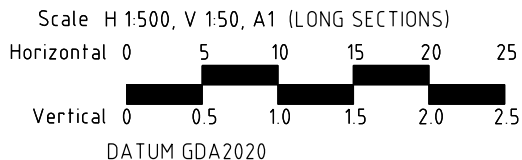


SPECKEL CIRCUIT

DRAINAGE PIT SCHEDULE

PIT		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	LENGTH	WIDTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
1	ENDPIPE			300	216.990			218.754	1.764	CONNECT TO EXISTING ENDPIPE
2	SIDE ENTRY PIT GRATED	900	600	300	218.550	300	218.500	220.310	1.810	REFER DRAWING - EDCM 601
3	SIDE ENTRY PIT GRATED	900	600	300	221.550	300	221.500	223.276	1.776	REFER DRAWING - EDCM 601
4	JUNCTION PIT	900	600	300	222.950	300	222.900	224.656	1.756	REFER DRAWING - EDCM 605
4A	SIDE ENTRY PIT GRATED	900	600	300	223.050	300	223.050	224.771	1.721	REFER DRAWING - EDCM 601
5	SIDE ENTRY PIT GRATED	900	600	300	221.650	300	221.600	223.271	1.671	REFER DRAWING - EDCM 601
6	SIDE ENTRY PIT GRATED	900	600	300	223.400	300	223.400	225.178	1.778	REFER DRAWING - EDCM 605
7	JUNCTION PIT	900	600	225	223.550	225	223.550	224.463	0.913	REFER DRAWING - EDCM 605
8	JUNCTION PIT	900	600	300	218.650	300	218.650	220.346	1.696	REFER DRAWING - EDCM 605
9	JUNCTION PIT	900	600	225	218.800	225	218.800	219.733	0.933	CONNECT TO EXISTING ENDPIPE
10	JUNCTION PIT	900	600	225	220.000	225	219.950	220.865	0.915	REFER DRAWING - EDCM 605
11	JUNCTION PIT	900	600	225	222.650	225	222.650	223.480	0.830	REFER DRAWING - EDCM 605
12	JUNCTION PIT	900	600	300	218.150	300	218.150	219.950	1.800	CONNECT TO EXISTING ENDPIPE
13	ENDPIPE			300	218.150			219.950	1.800	CONNECT TO EXISTING ENDPIPE
14	SIDE ENTRY PIT GRATED	900	900	300	219.350	300	219.300	221.321	2.021	REFER DRAWING - EDCM 601 (PROVIDE HAUNCHING AS PER EDCM 607)
14	SIDE ENTRY PIT GRATED	900	900	300	219.350	300	219.350	221.321	2.021	REFER DRAWING - EDCM 601 (PROVIDE HAUNCHING AS PER EDCM 607)
15	SIDE ENTRY PIT GRATED	900	600	300	222.300	300	222.250	224.043	1.793	REFER DRAWING - EDCM 601
16	JUNCTION PIT	900	900	300	222.300	300	222.300	224.043	1.793	REFER DRAWING - EDCM 601
16	JUNCTION PIT	900	900	300	222.300	300	222.300	224.043	1.793	REFER DRAWING - EDCM 601
17	SIDE ENTRY PIT GRATED	900	600	300	219.350	300	219.350	221.321	2.021	REFER DRAWING - EDCM 601 (PROVIDE HAUNCHING AS PER EDCM 607)
18	SIDE ENTRY PIT GRATED	900	600	300	219.350	300	219.350	221.321	2.021	REFER DRAWING - EDCM 601 (PROVIDE HAUNCHING AS PER EDCM 607)
22	JUNCTION PIT	900	600	225	223.510	225	223.460	224.382	0.922	REFER DRAWING - EDCM 605
23	JUNCTION PIT	900	600	225	225.550	225	225.550	226.599	1.049	REFER DRAWING - EDCM 605
24	ENDPIPE			300	219.540			220.521	0.981	CONNECT TO EXISTING ENDPIPE
25	JUNCTION PIT	900	600	225	220.020	300	219.970	220.986	1.015	REFER DRAWING - EDCM 605
26	JUNCTION PIT	900	600	225	221.200	225	221.200	222.092	0.892	REFER DRAWING - EDCM 605
27	ENDPIPE			300	217.270			219.026	1.756	CONNECT TO EXISTING ENDPIPE
28	SIDE ENTRY PIT GRATED	900	600	300	219.174	300	219.124	220.986	1.862	REFER DRAWING - EDCM 601
29	JUNCTION PIT	900	600	300	220.300	300	220.250	222.012	1.762	REFER DRAWING - EDCM 605
30	GRATED JUNCTION PIT	900	600	300	220.950	300	220.900	222.565	1.665	REFER DRAWING - EDCM 605 - PROVIDE HEAVY DUTY FLAT GRATE
31	GRATED JUNCTION PIT	900	600	300	222.000	300	222.000	223.638	1.638	REFER DRAWING - EDCM 605 - PROVIDE HEAVY DUTY FLAT GRATE

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villawood properties

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Designed  
R. WEINBER

Authorised  
M. TOOMER-SMITH

Redstone.

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Checked  
D. CAMERON

Date  
09/09/21

REDSTONE ESTATE

STAGE 6

LONGITUDINAL SECTIONS - SPECKLE CIRCUIT & PIT SCHEDULE

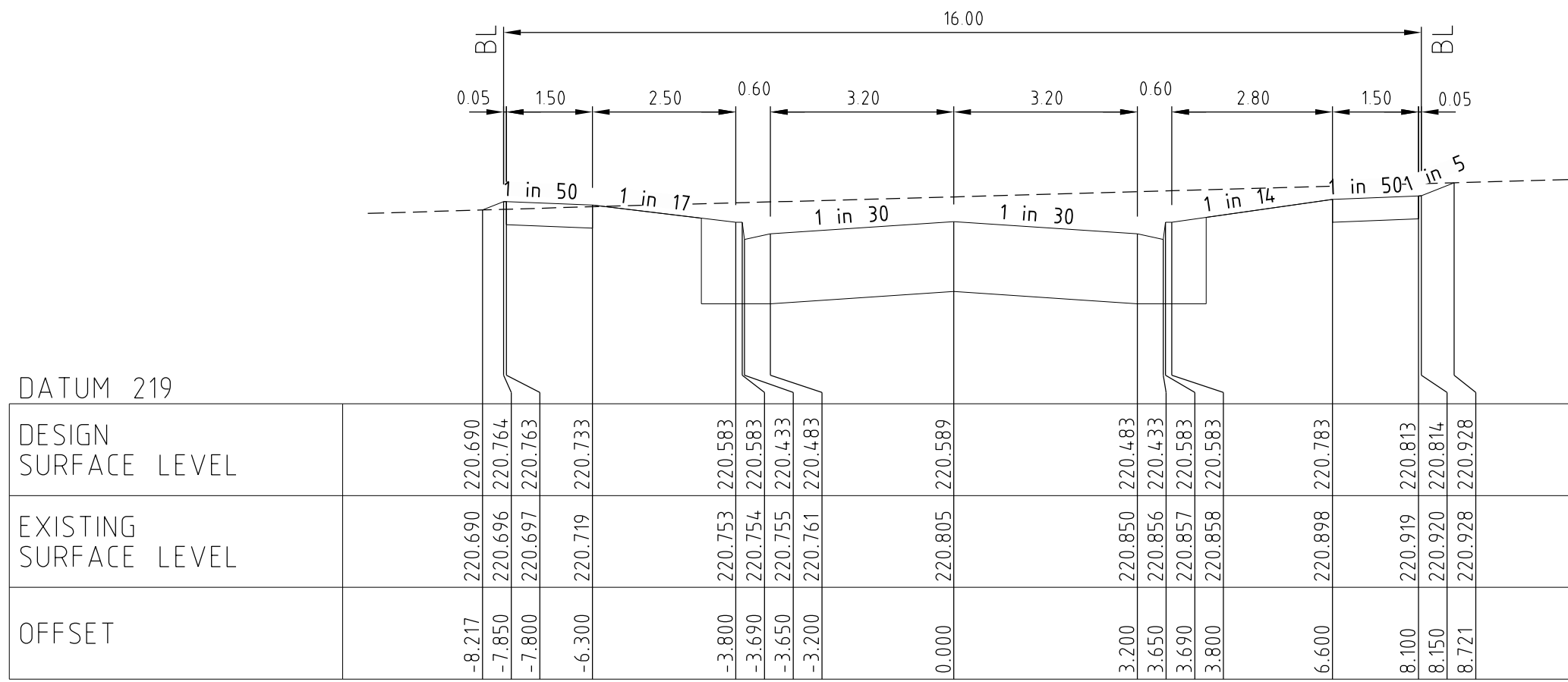
VILLAWOOD PROPERTIES

HUME CITY COUNCIL

AS CONSTRUCTED

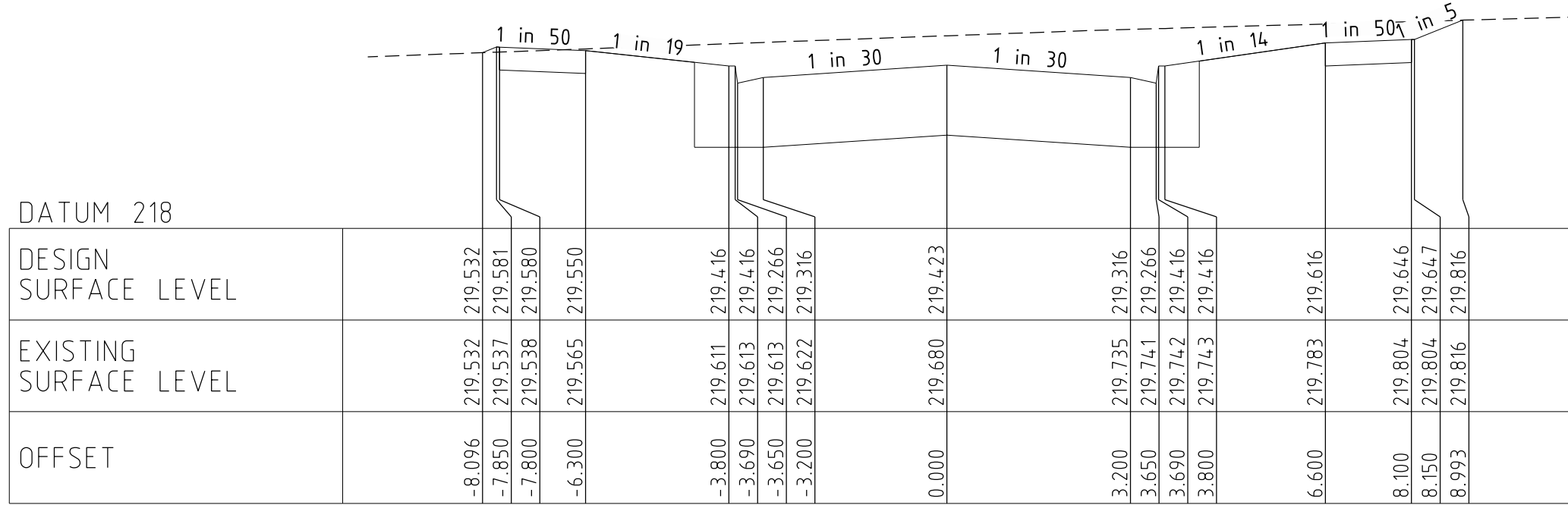
Drg No  
305917R05

Rev  
0



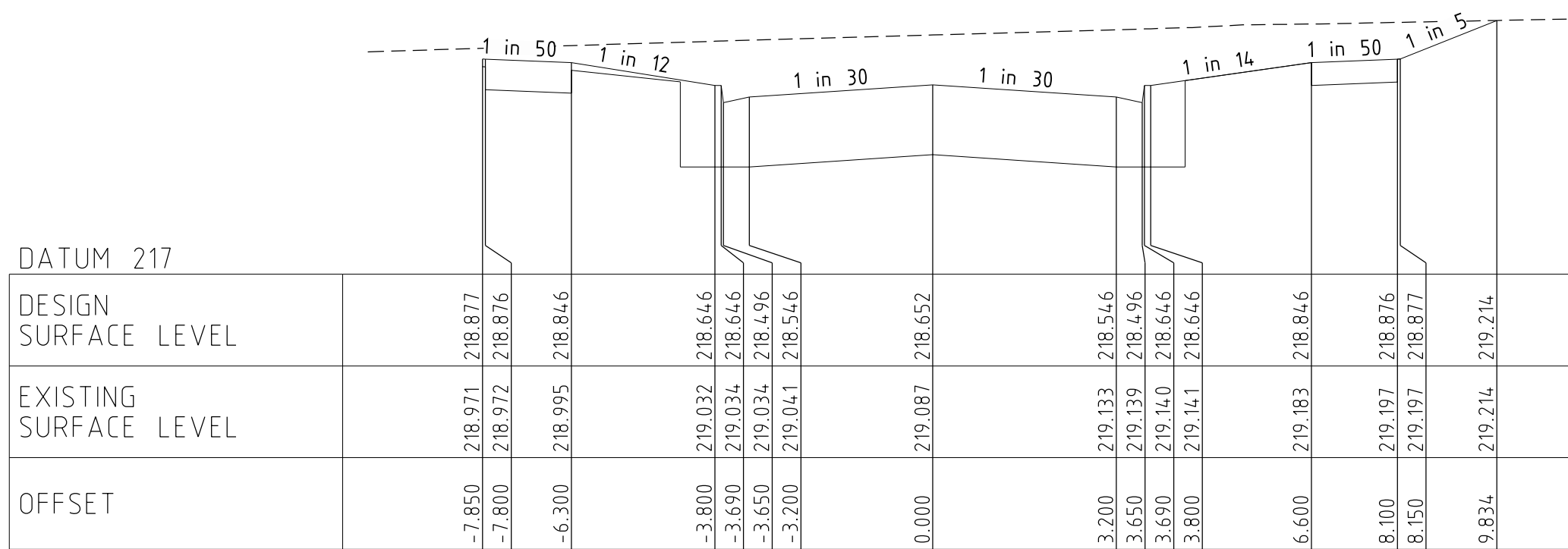
SPECKLE CIRCUIT

Ch 88.62



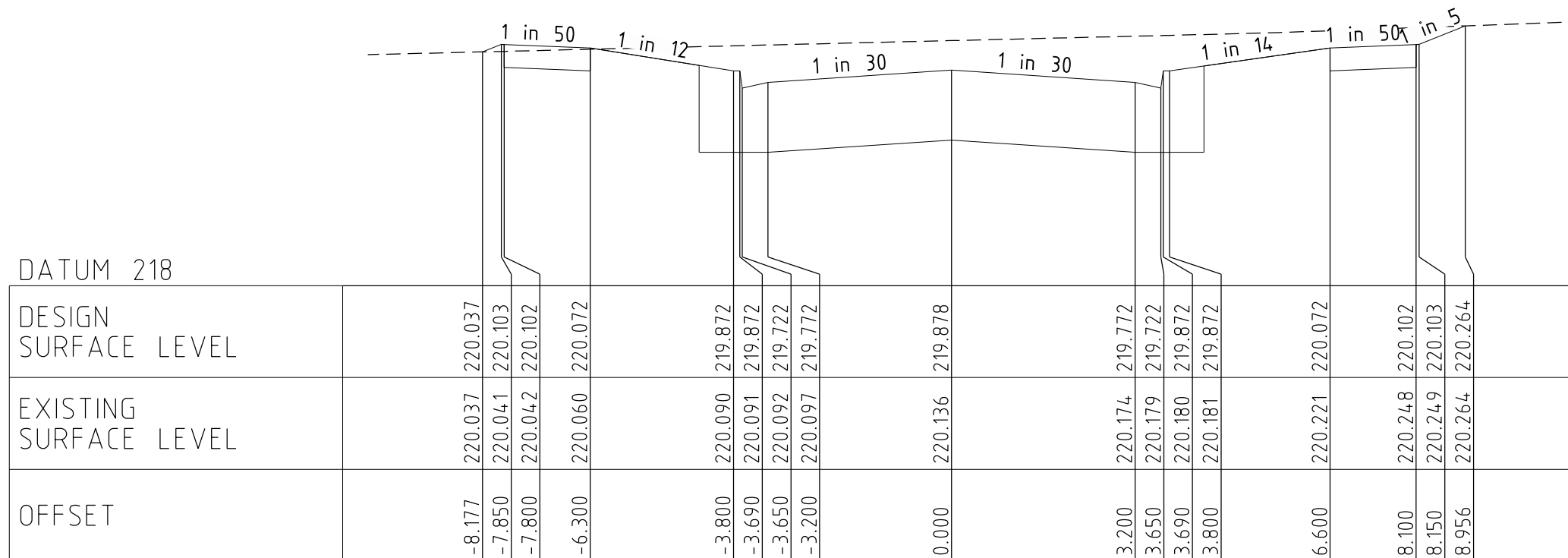
SPECKLE CIRCUIT

Ch 60.62



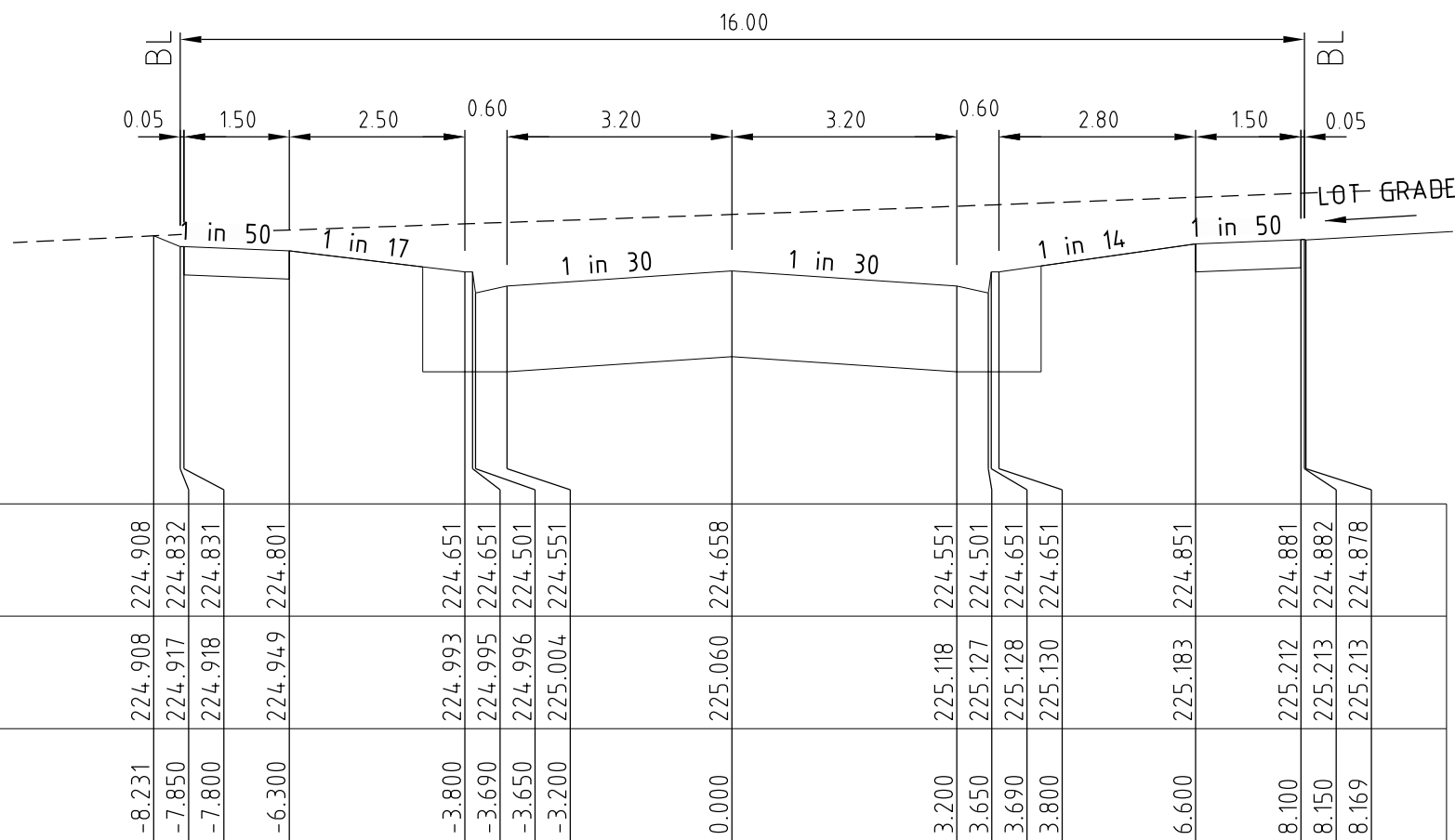
SPECKLE CIRCUIT

Ch 46.00



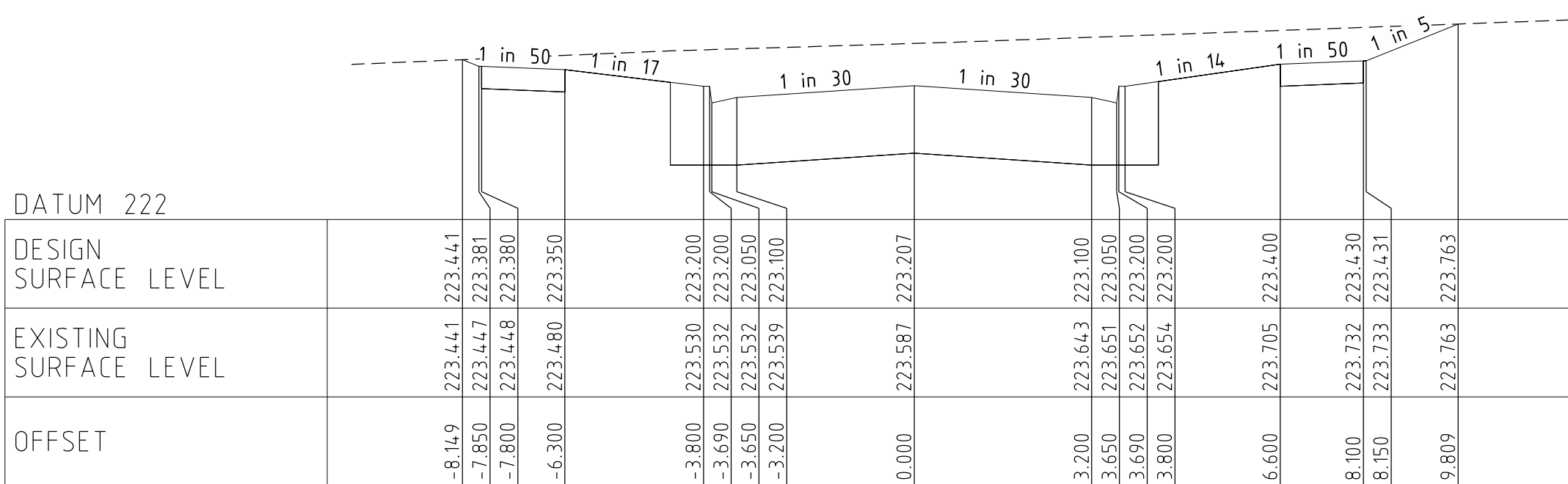
SPECKLE CIRCUIT

Ch 46.00



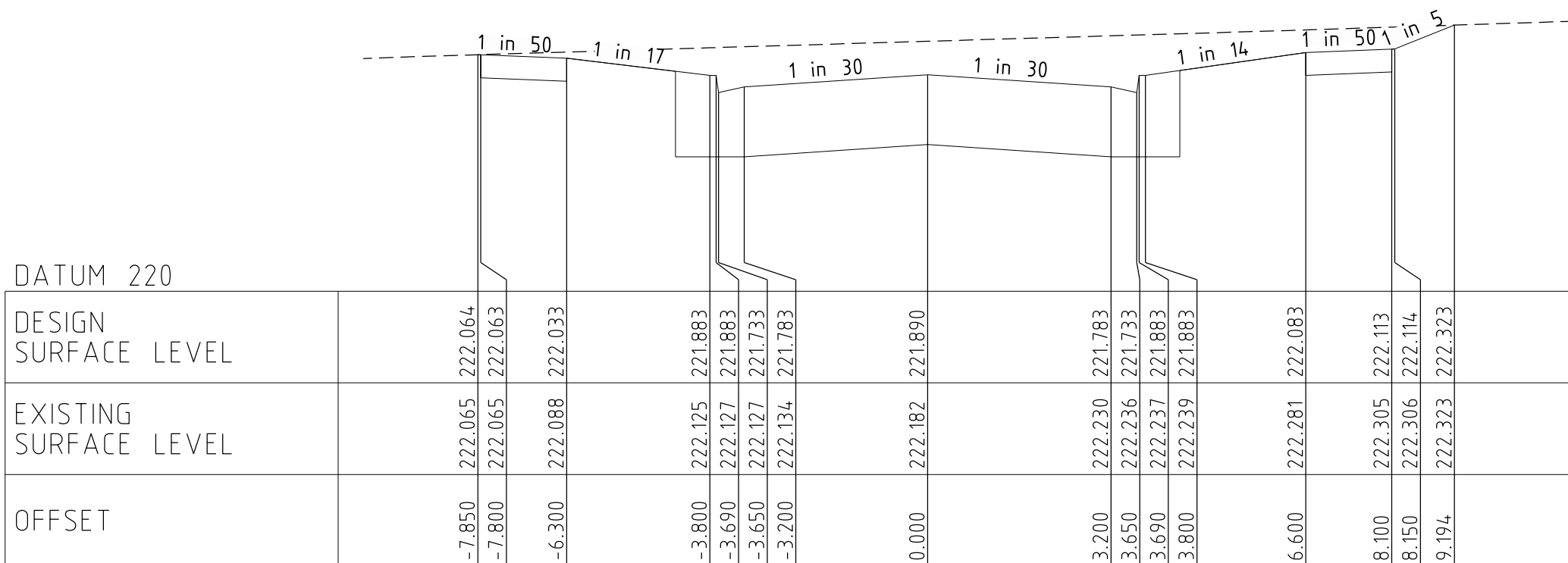
SPECKLE CIRCUIT

Ch 184.97



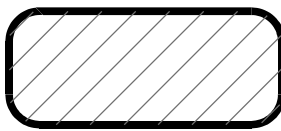
SPECKLE CIRCUIT

Ch 152.62



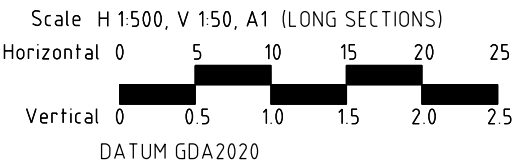
SPECKLE CIRCUIT

Ch 120.62



STRUCTURAL FILL  
IN ACCORDANCE  
WITH AS3798-2007,  
LEVEL 1.

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Designed  
**R. WEINBER**

Authorised  
**M. TOOMER-SMITH**

Checked  
**D. CAMERON**

Date  
**09/09/21**

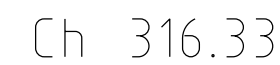
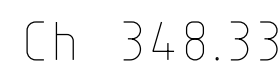
**REDSTONE ESTATE  
STAGE 6  
CROSS SECTIONS  
SPECKLE CIRCUIT  
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL**

**AS CONSTRUCTED**

Drg No  
**305917R06**

Rev  
**0**



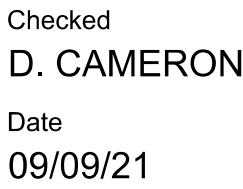
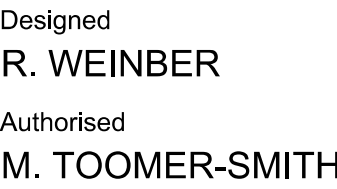


Scale H 1:500, V 1:50, A1 (LONG SECTIONS)

Horizontal 0 5 10 15 20 25

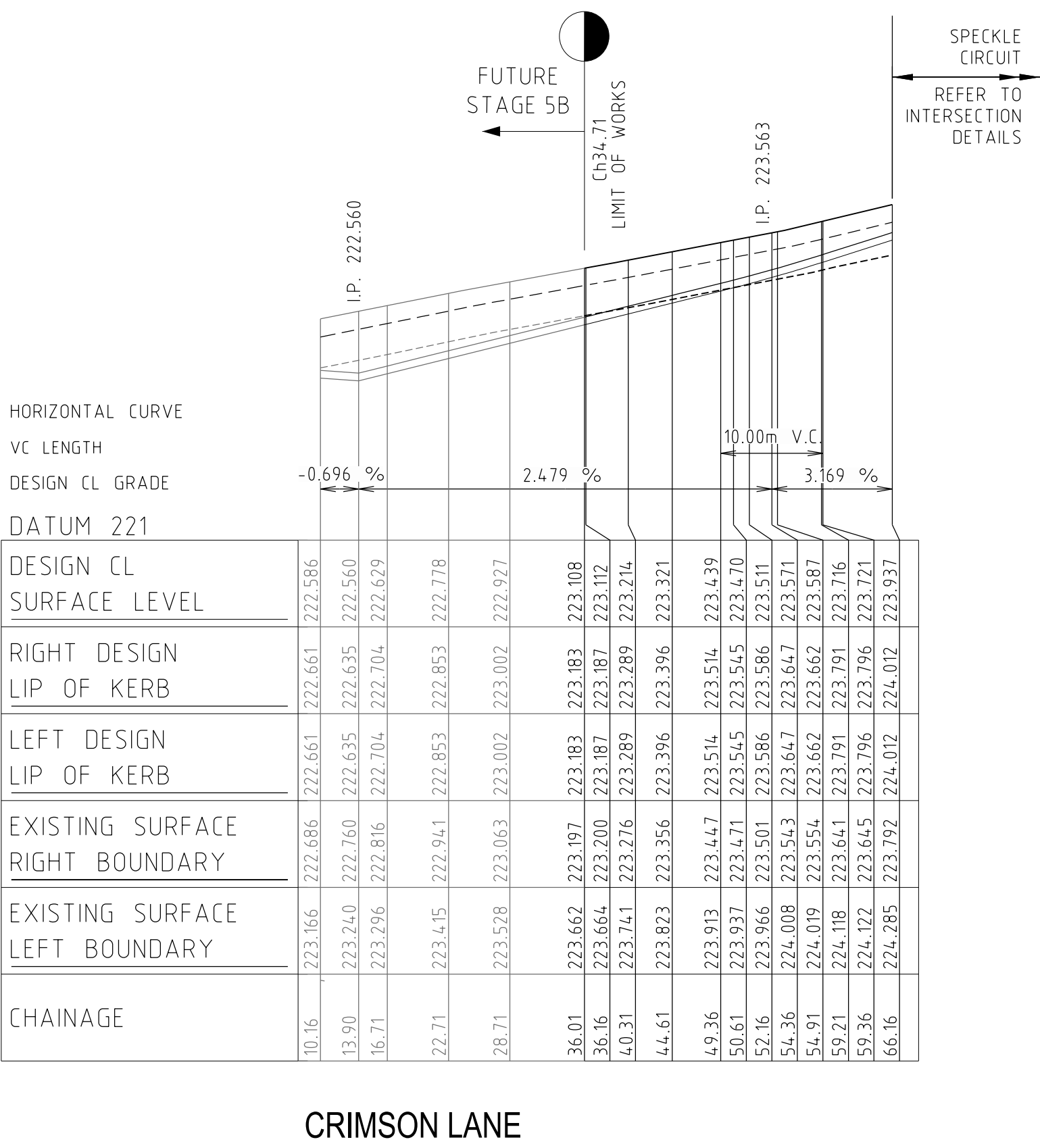
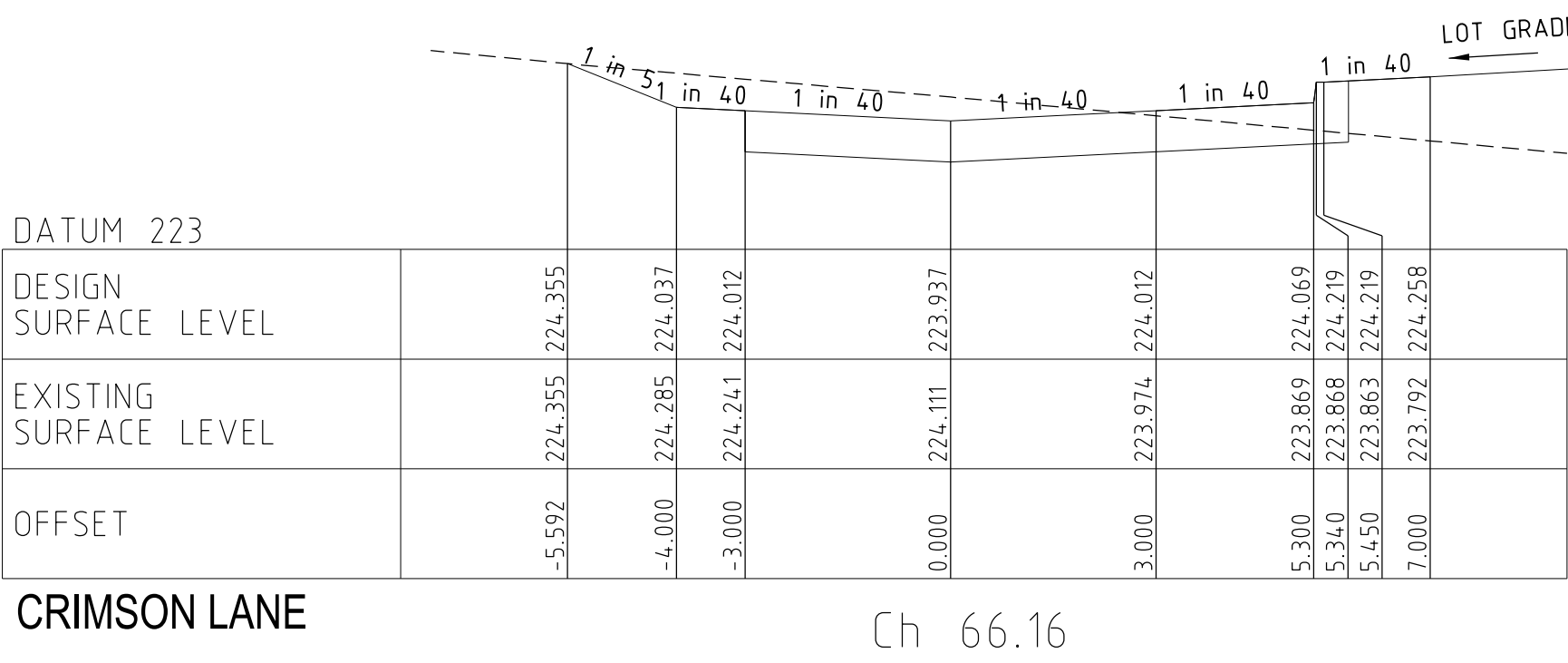
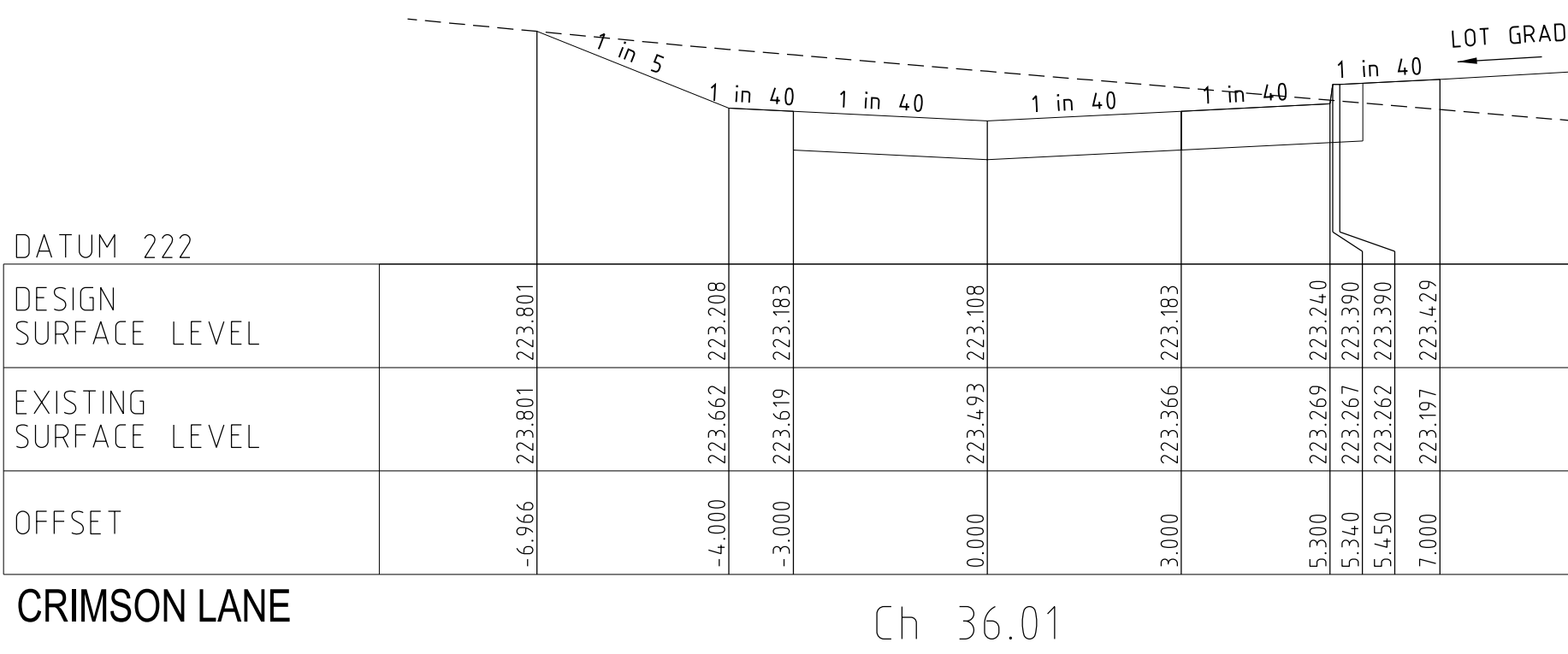
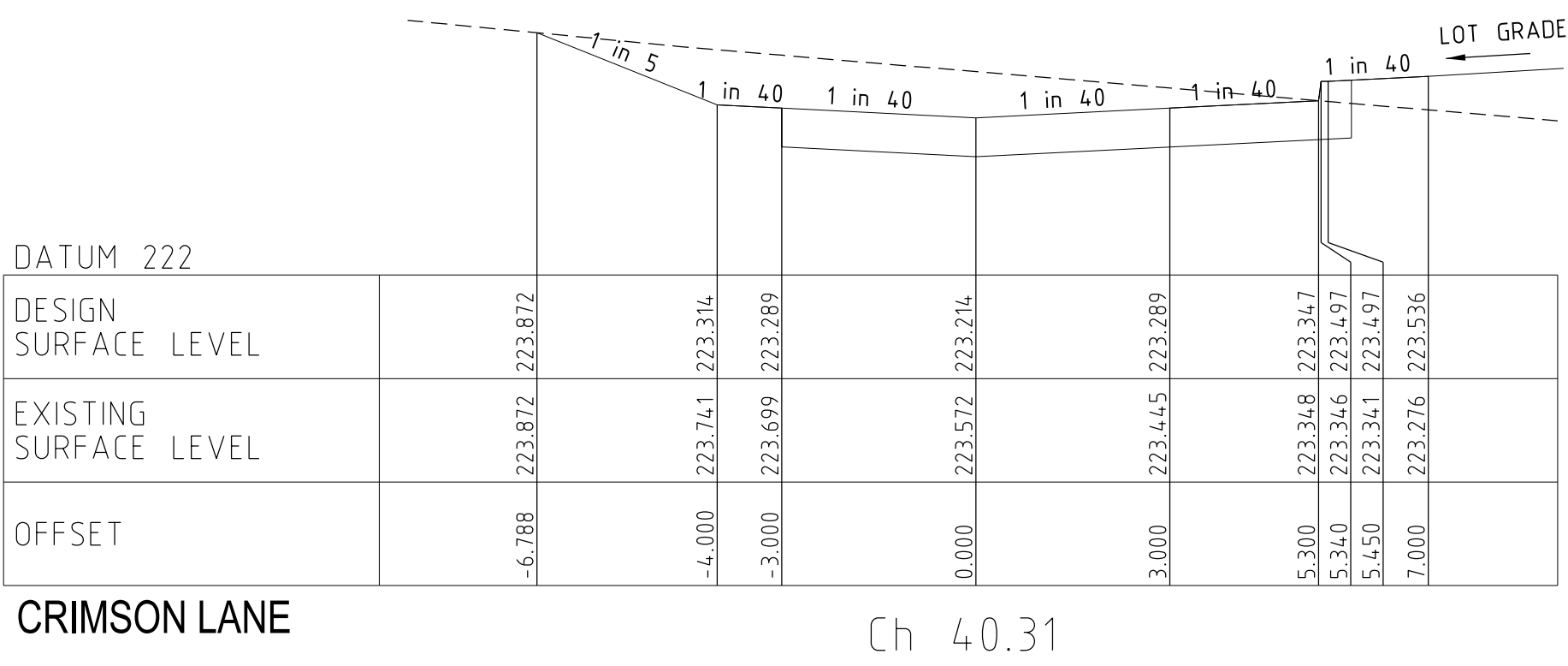
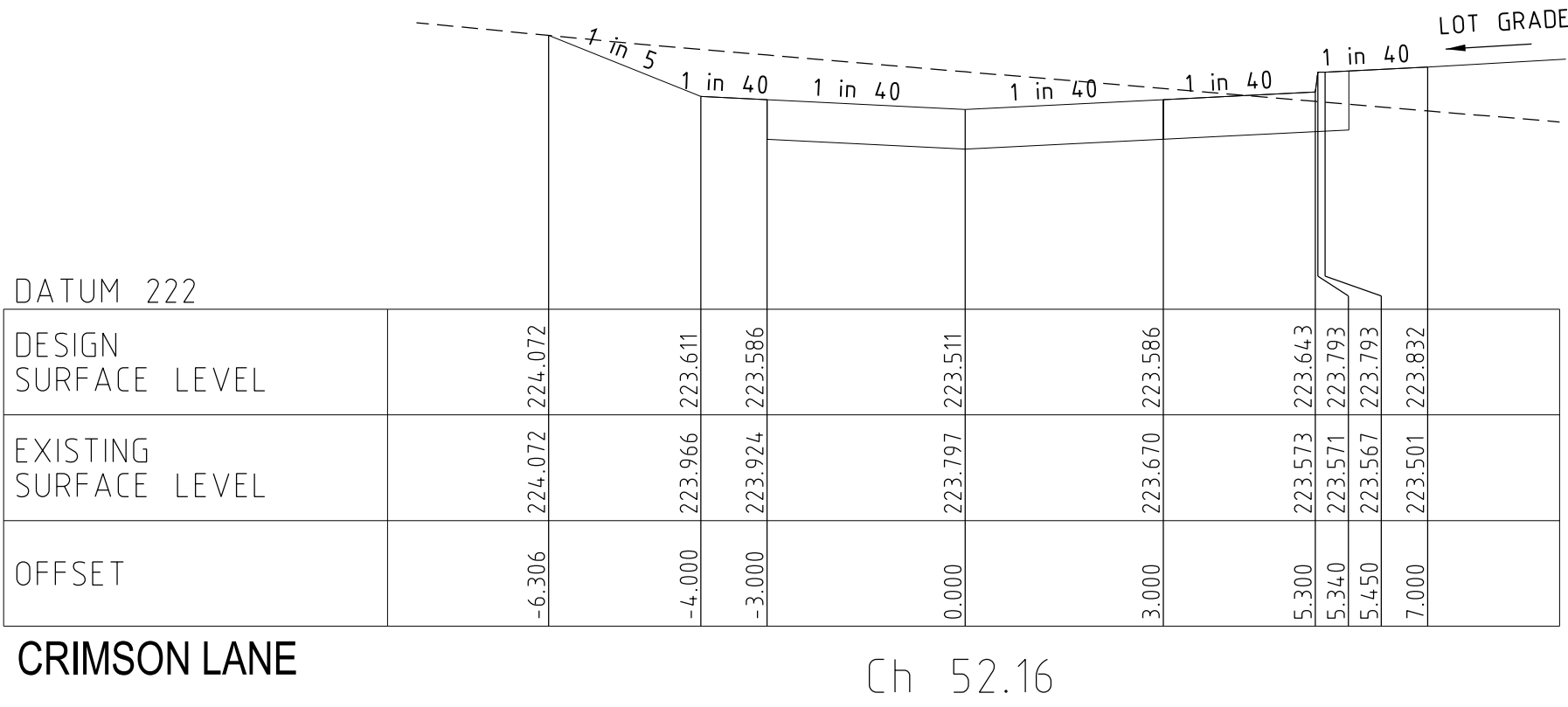
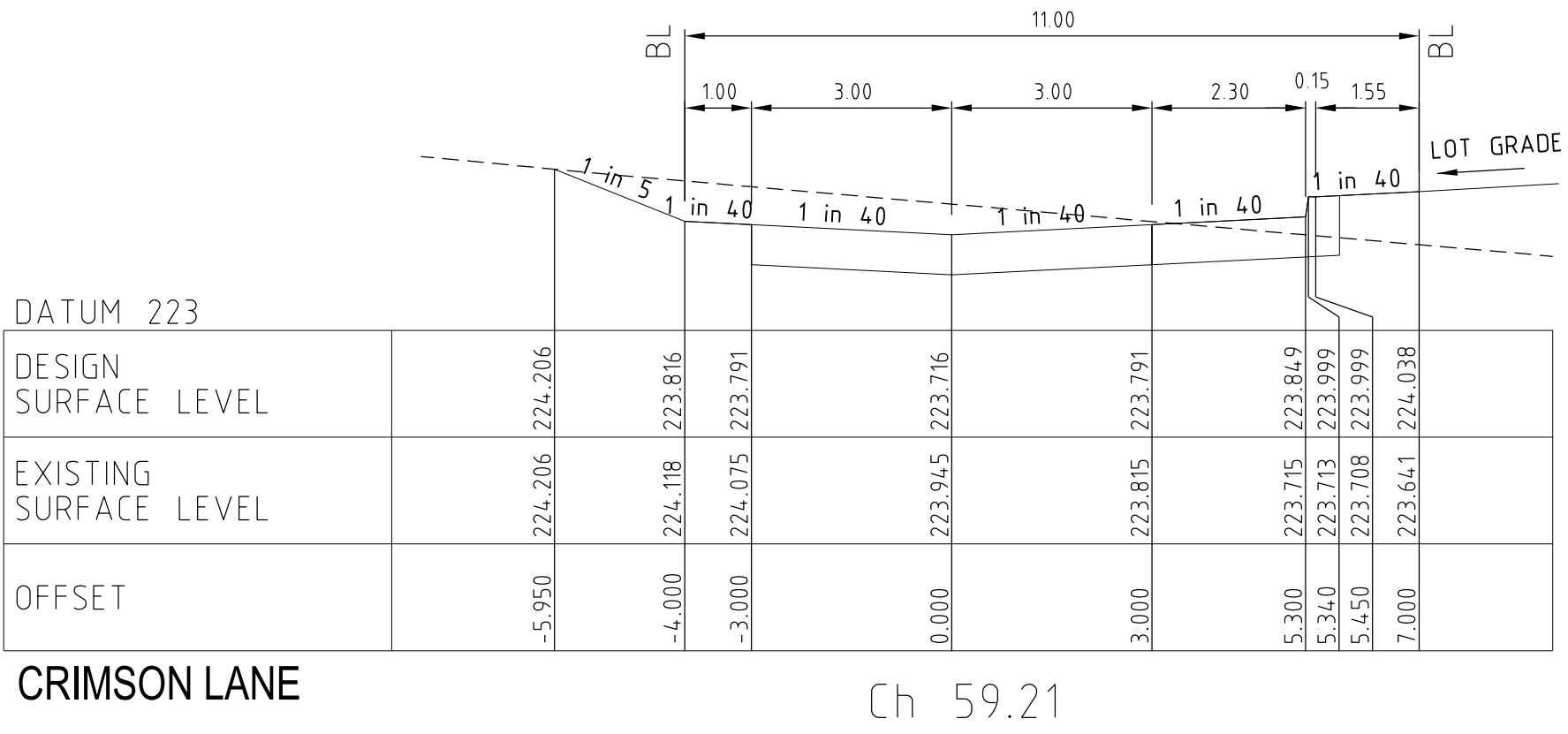
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DATUM GDA2020



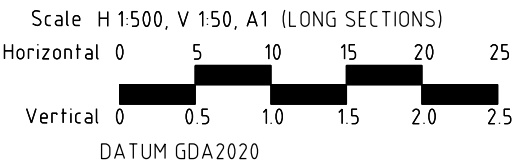
**AS CONSTRUCTED** **305917R07**

Rev  
0



STRUCTURAL FILL  
IN ACCORDANCE  
WITH AS3798-2007,  
LEVEL 1.

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Authorised  
M. TOOMER-SMITH



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D. CAMERON

Date  
09/09/21

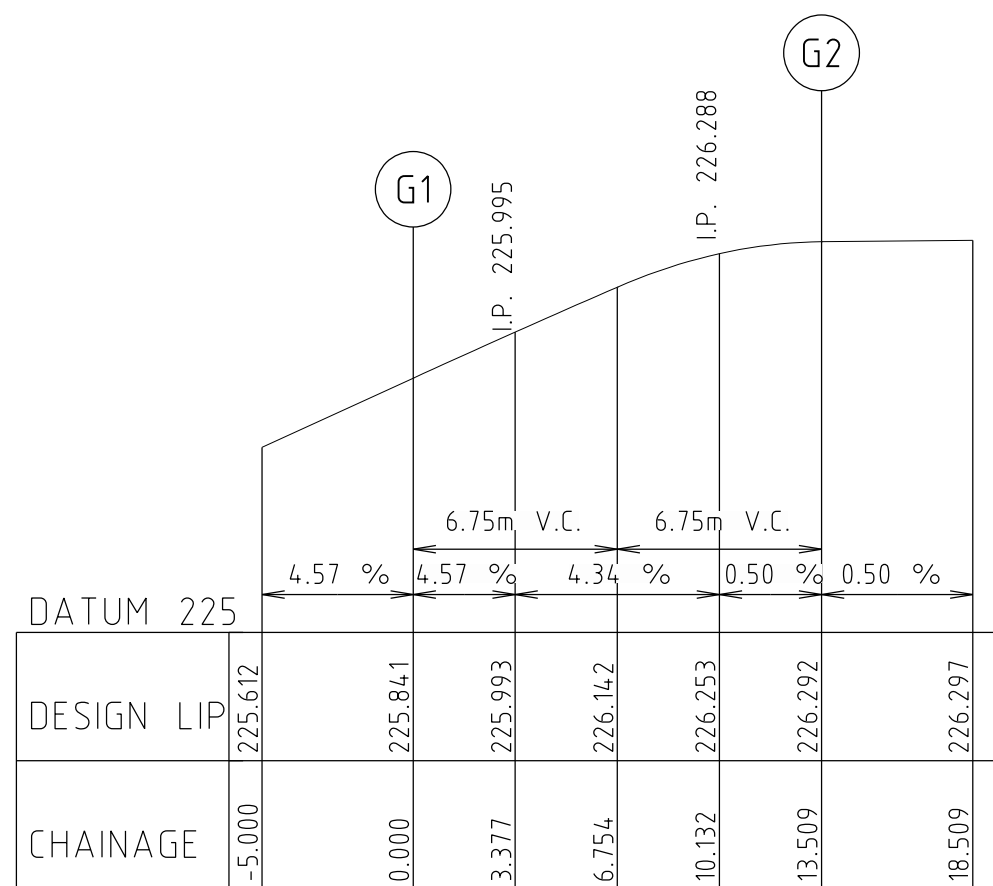
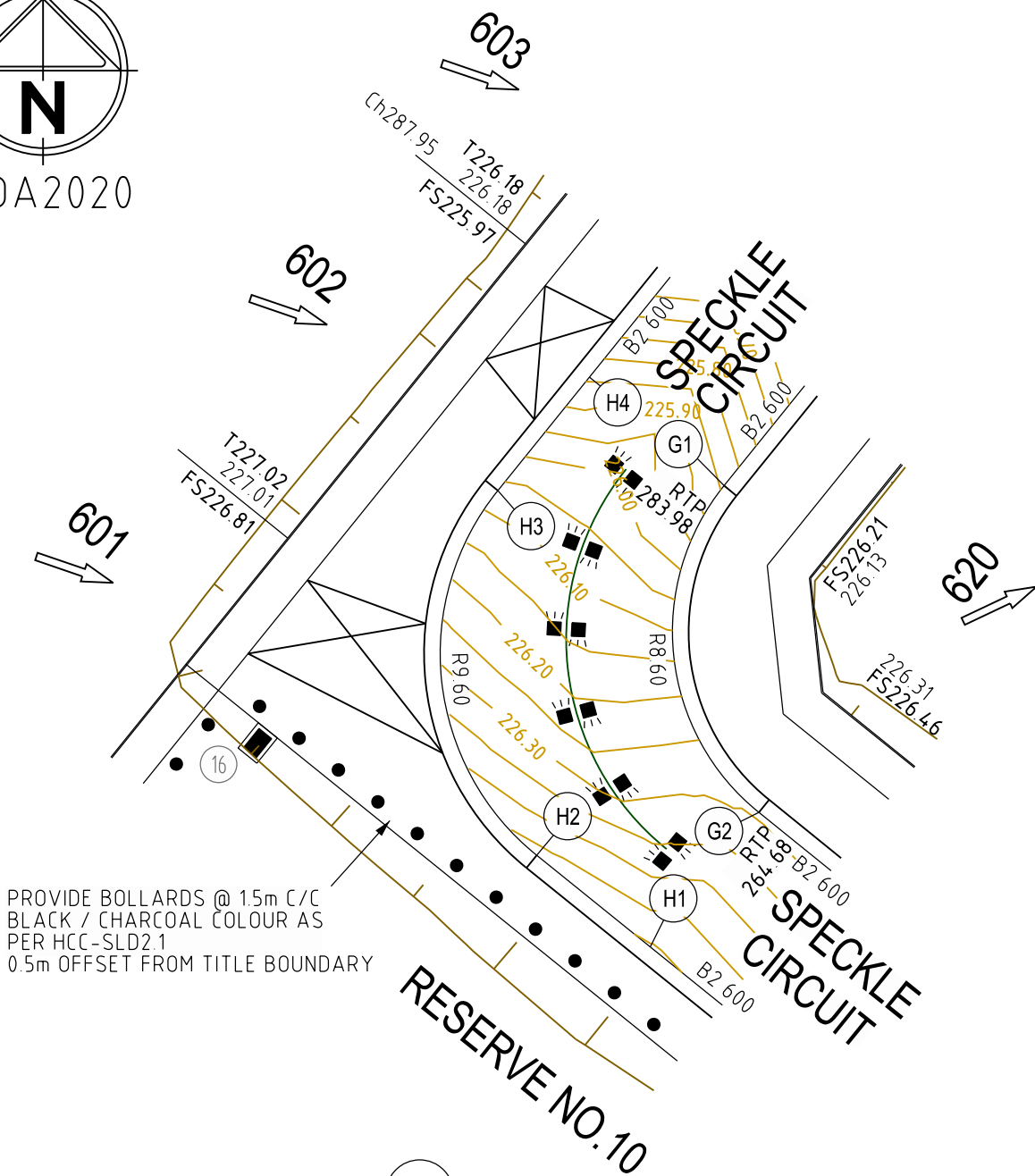
REDSTONE ESTATE  
STAGE 6  
CROSS SECTIONS - SPECKLE CIRCUIT  
LONGITUDINAL SECTIONS - SPECKLE CIRCUIT  
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED**

Drg No  
305917R08

Rev  
0



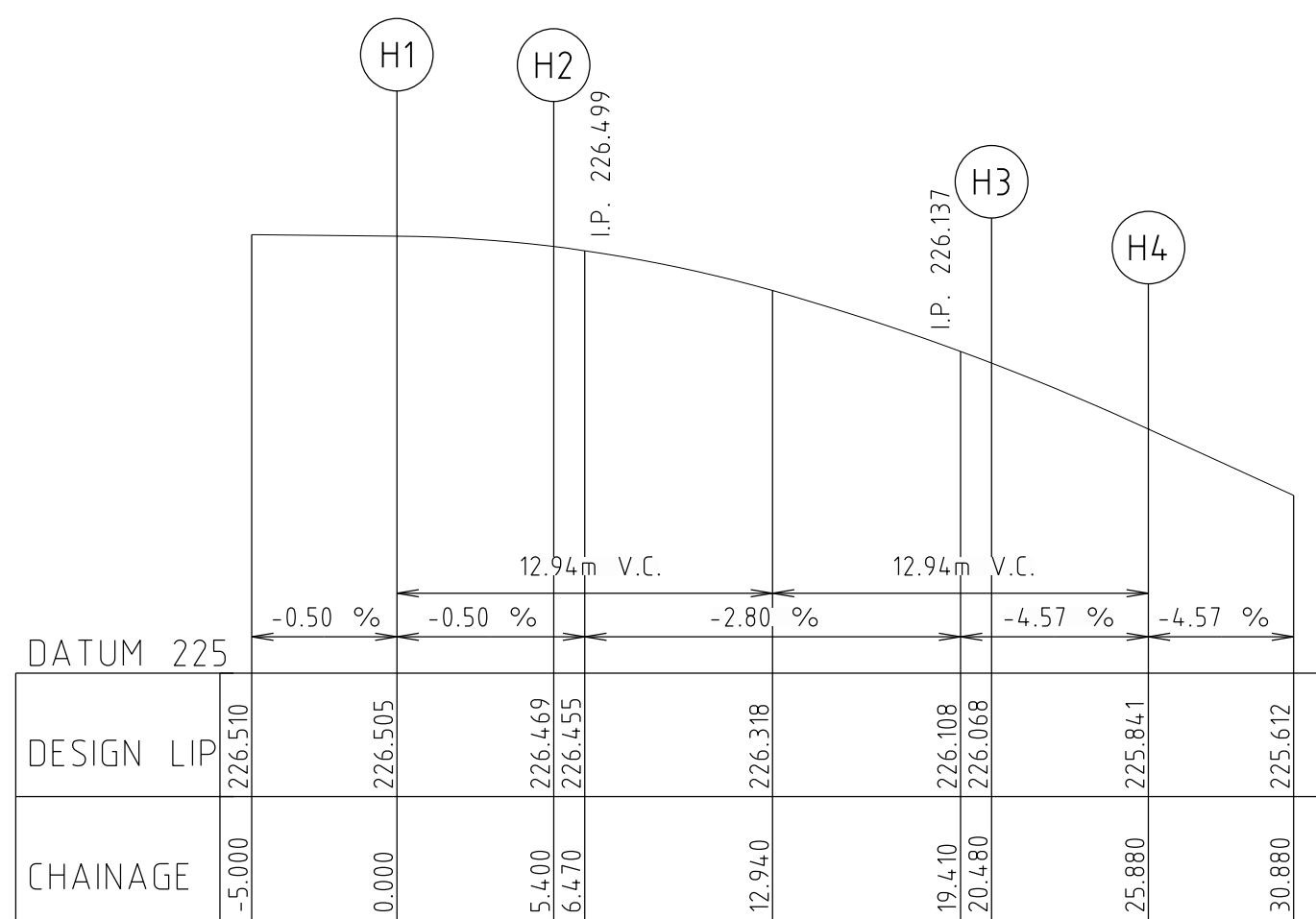


LIP LINE G  
Hor250  
Ver25

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	301872.361	5835948.963	225.841
1/4	301870.804	5835945.991	225.993
1/2	301870.502	5835942.649	226.142
3/4	301871.503	5835939.446	226.253
G2	301873.653	5835936.870	226.292

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
G1-G2	8.600	13.509	12.162	2.519	-0.655

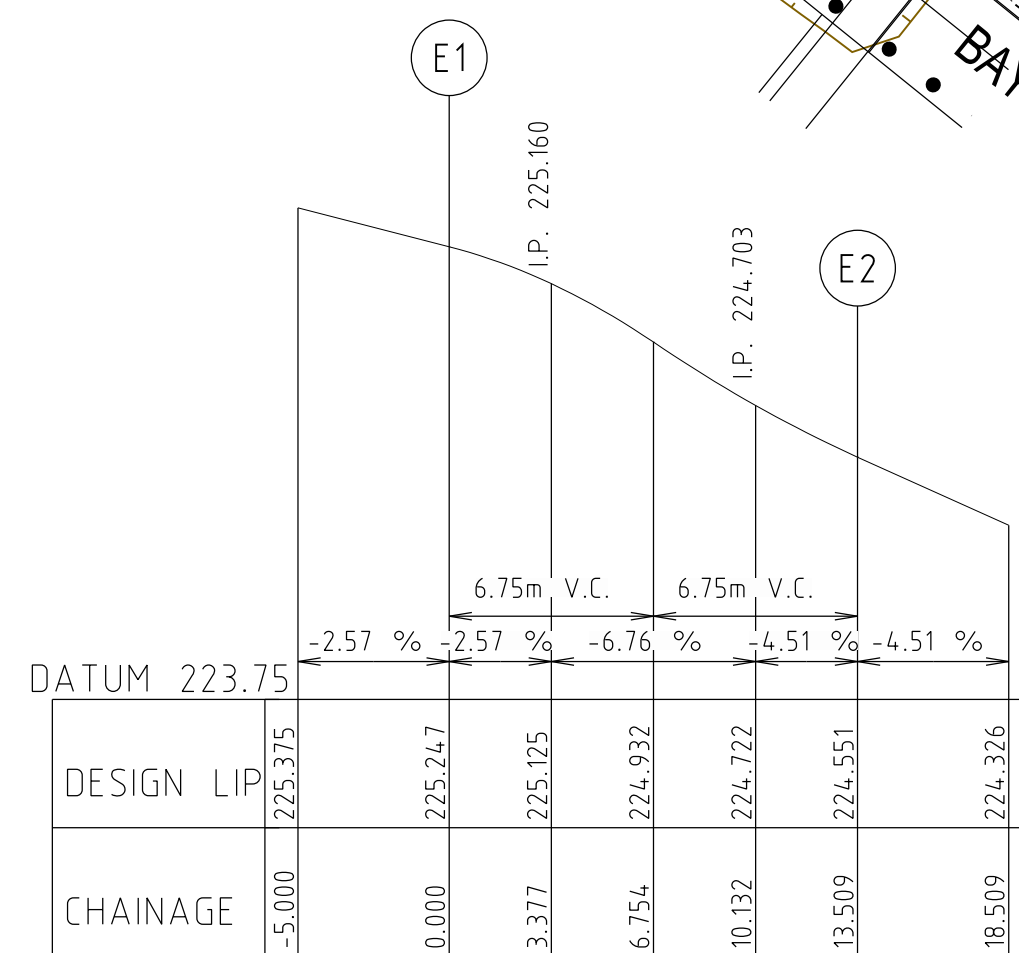
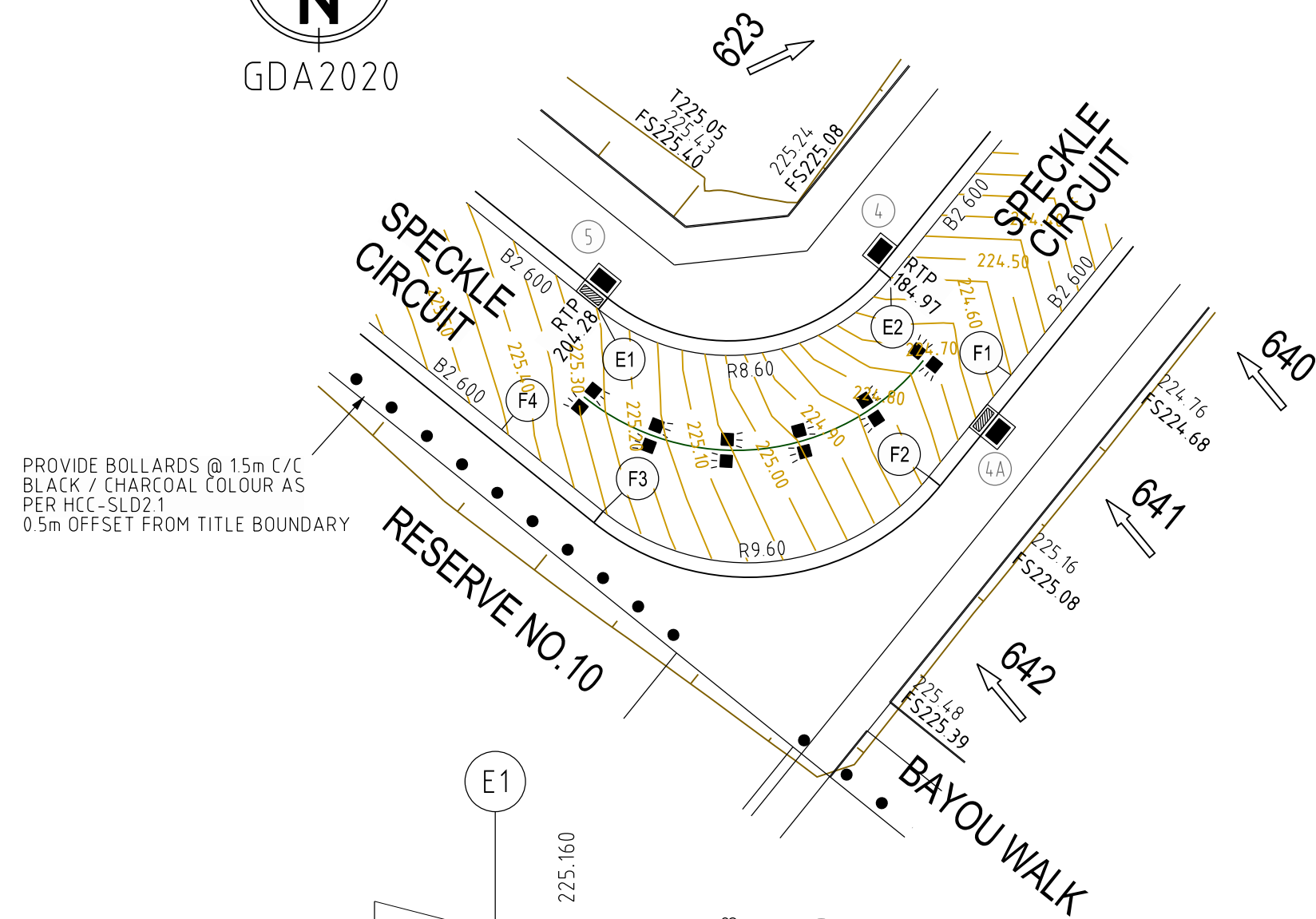


LIP LINE H  
Hor250  
Ver25

## ALIGNMENT H

POINT NO	EASTING	NORTHING	RL
H1	301869.633	5835931.889	226.505
H2	301865.431	5835935.281	226.469
1/4	301863.031	5835938.157	226.408
1/2	301861.914	5835941.732	226.318
H3	301863.990	5835948.780	226.068
H4	301867.381	5835952.983	225.841

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
H2-H3	9.600	15.080	13.576	2.812	0.731

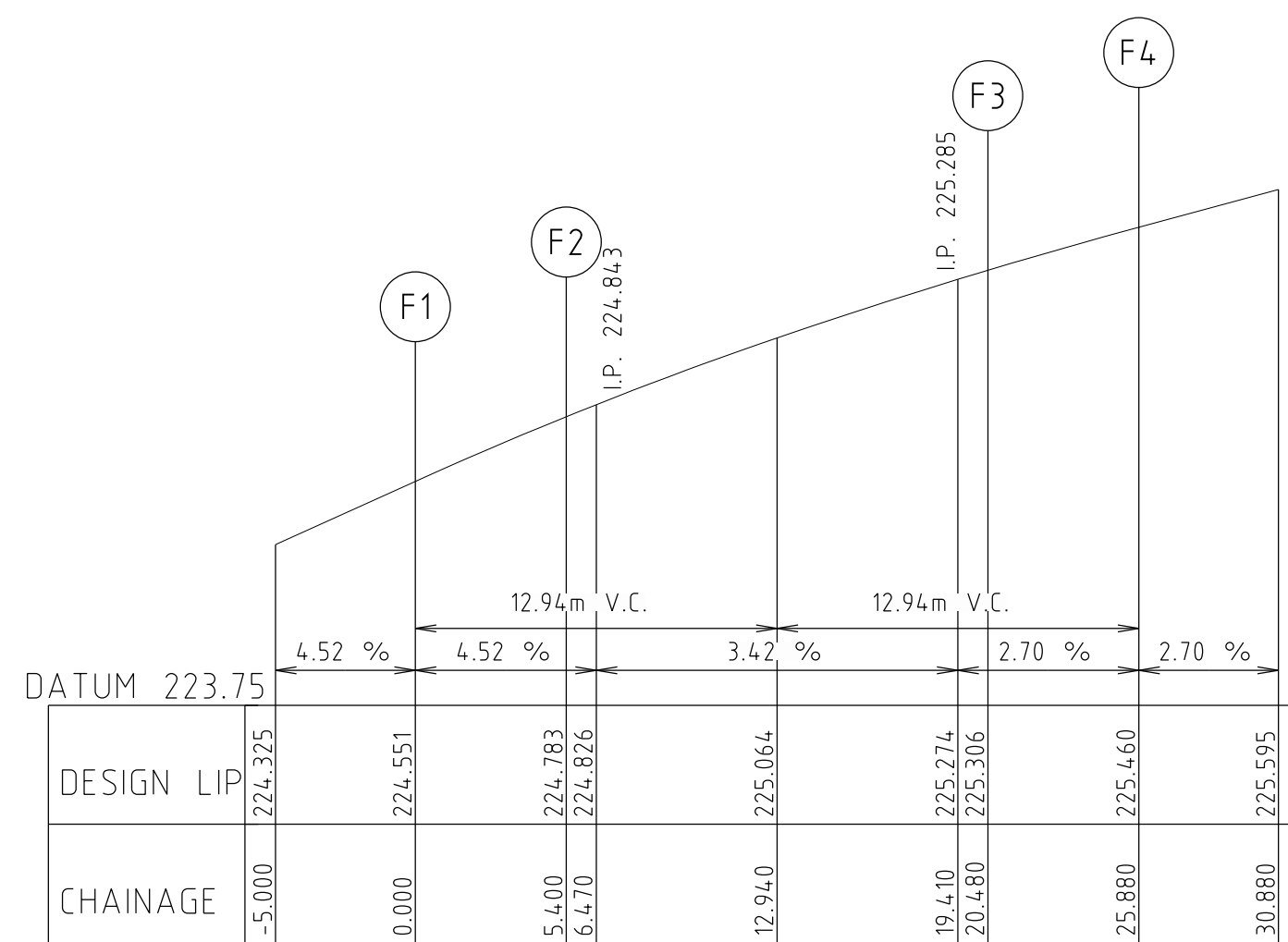


LIP LINE  
Hor250  
Ver25

### ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	301920.655	5835898.936	225.247
1/4	301923.627	5835897.379	225.125
1/2	301926.969	5835897.077	224.932
3/4	301930.172	5835898.077	224.722
E2	301932.748	5835900.227	224.551

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
E1-E2	8.600	13.509	12.162	2.519	-0.655

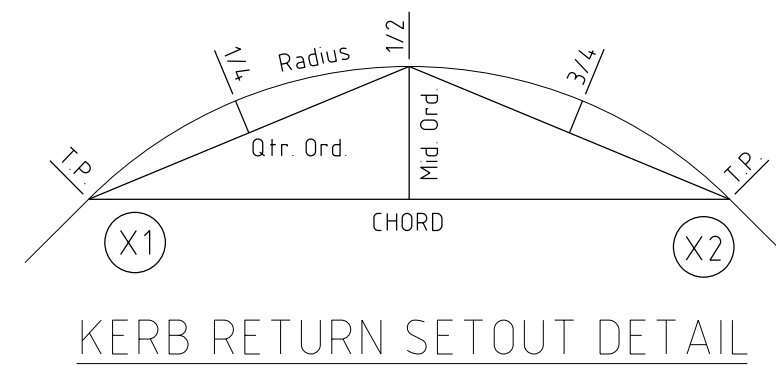


LIP LINE P  
Hor250  
Ver25

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	301937.729	5835896.208	224.551
F2	301934.337	5835892.006	224.983
1/4	301931.461	5835889.606	224.793
1/2	301927.886	5835888.489	225.064
F3	301920.838	5835890.564	225.306
F4	301916.635	5835893.956	225.460

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
F2-F3	9.600	15.080	13.576	2.812	0.731



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Designed  
R. WEINBERG

Authorised  
M. TOOMER-SMITH

# Redstone.

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Checked

Date  
09/09/21

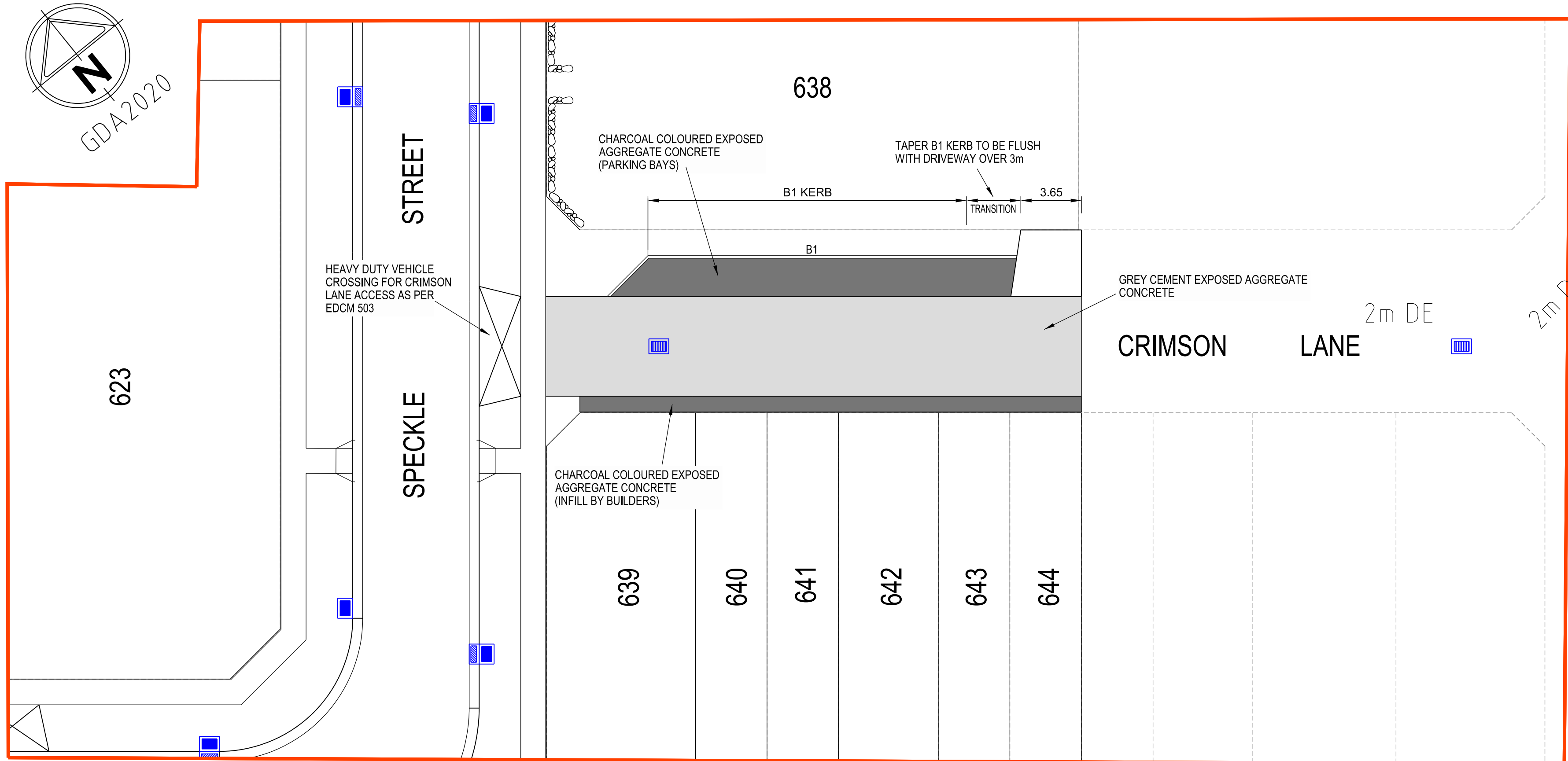
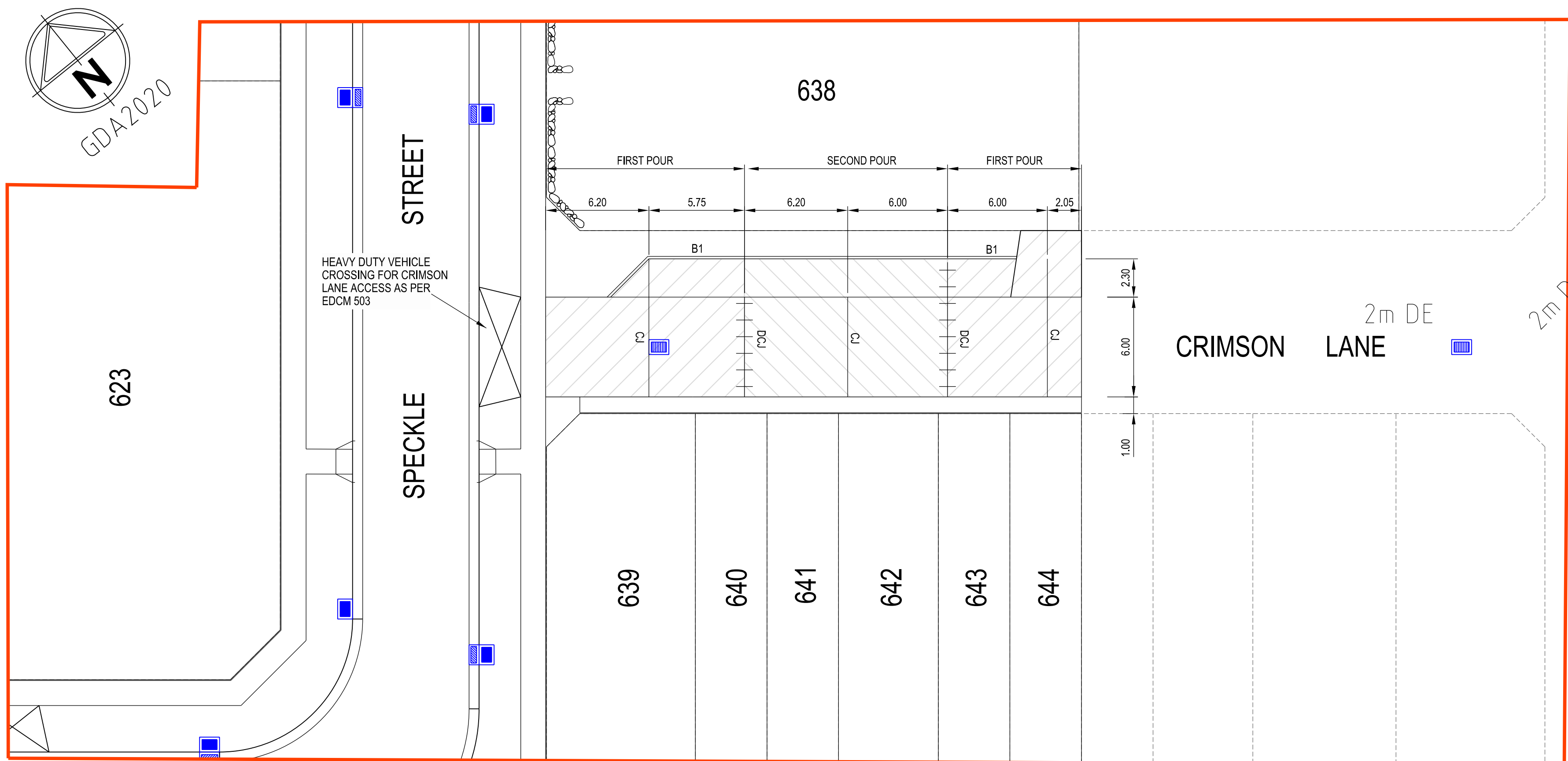
## REDSTONE ESTATE STAGE 6 INTERSECTION DETAILS

VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED** Drg No **305917R09**

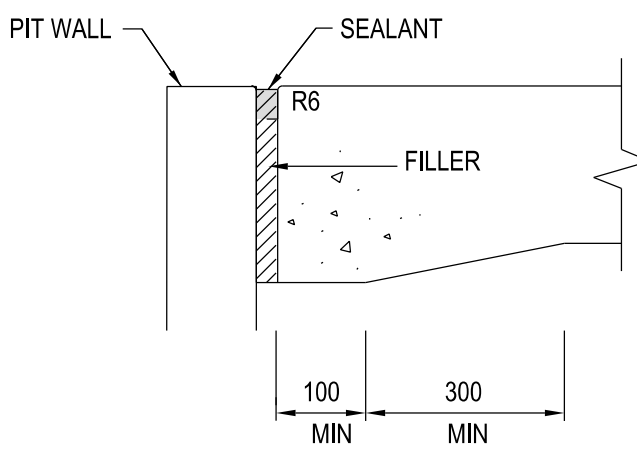
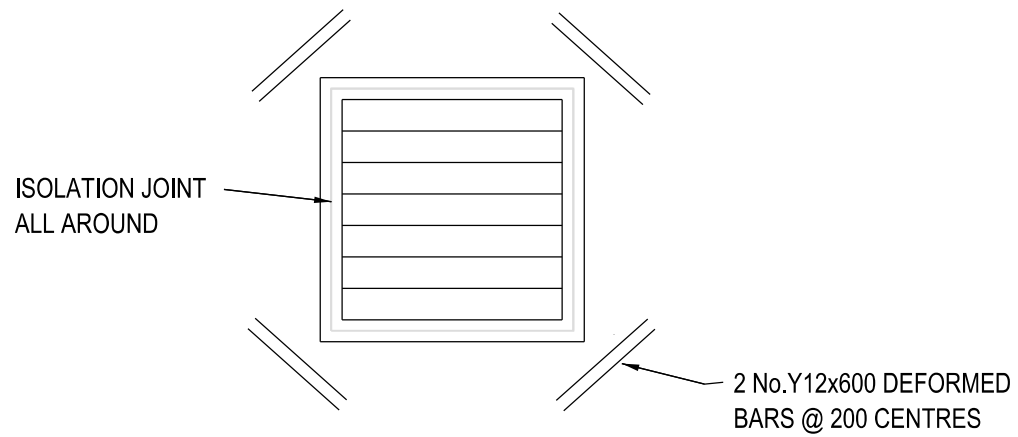
Rev  
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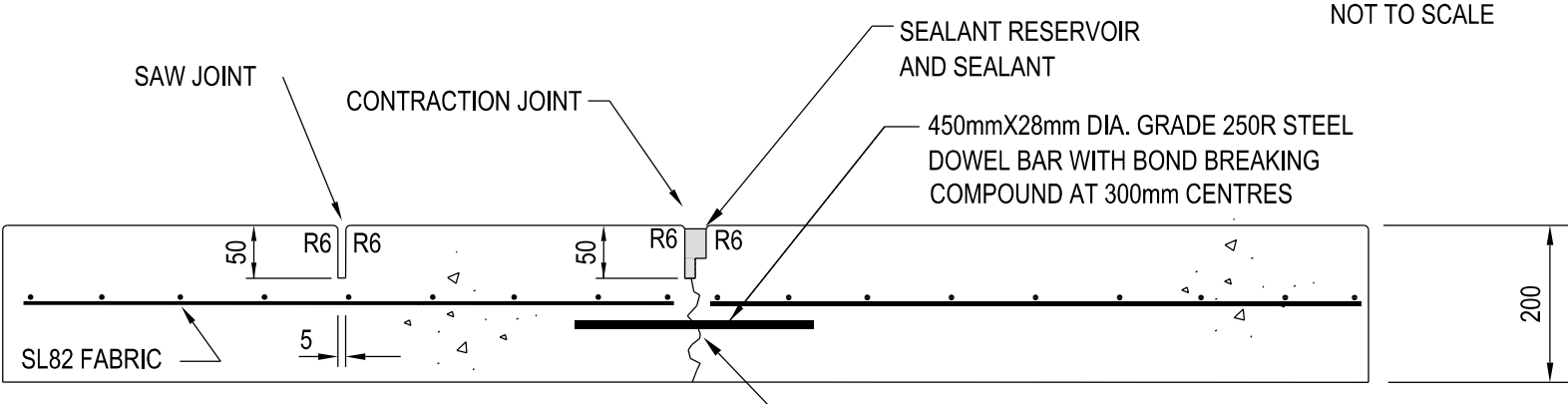
CONCRETE JOINTING NOTES

1. SAW JOINTS ARE TO BE PLACED AT A MAXIMUM 5m SPACING AT INTERSECTIONS AND CONSTRUCTED 18-24 HOURS AFTER POURING.
2. TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 15m.
3. SOLATION JOINTS ARE TO BE PLACED AROUND PITS
4. ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH "CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS 1997"

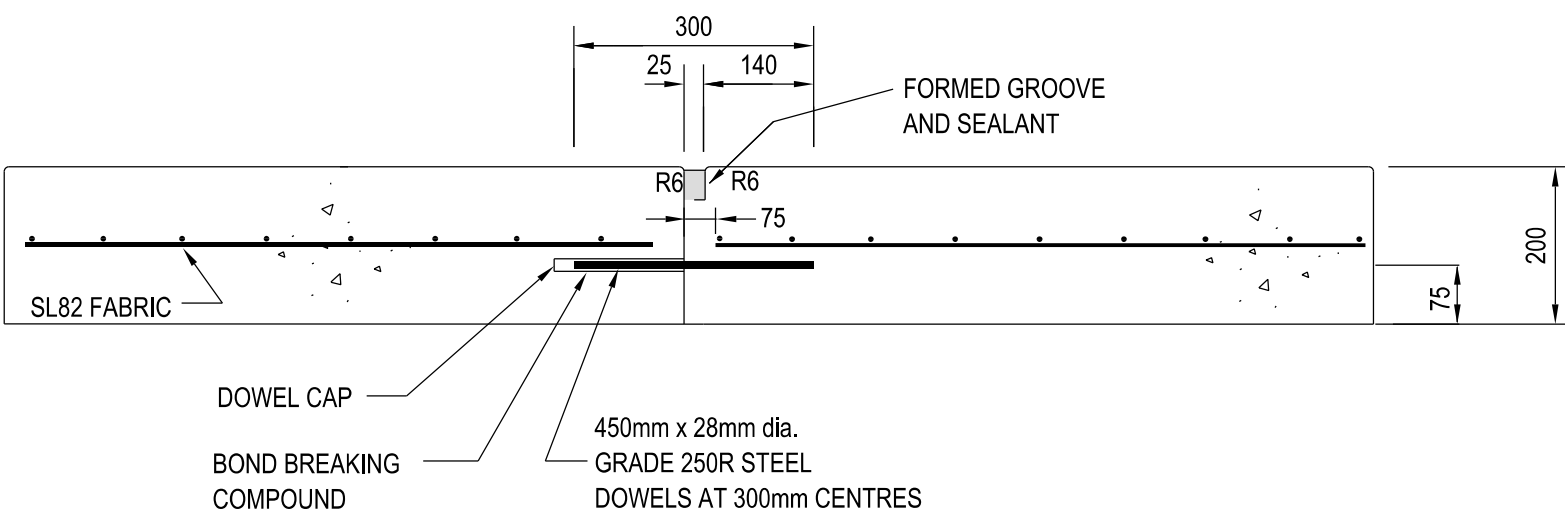


TYPICAL PIT JOINTING

CONCRETE JOINTING DETAILS ISLAND INFILL



SAW JOINT (SJ) AND CONTRACTION JOINT (CJ)



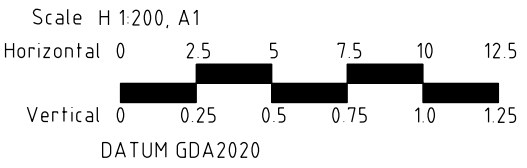
DOWLED BUTT JOINT (DCJ)  
TRANSVERSE CONSTRUCTION JOINT DETAIL



FEATURE EXPOSED AGGREGATE PAVING

ALL WORKS GENERALLY IN ACCORDANCE WITH HUME SD307

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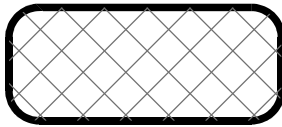
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**villawood properties**  
Communities Designed for Living  
Designed  
R. WEINBER  
Authorised  
M. TOOMER-SMITH

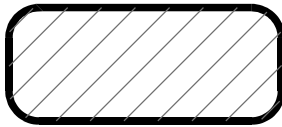
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D. CAMERON  
Date  
09/09/21

**REDSTONE ESTATE**  
**STAGE 6**  
**CONCRETE JOINTING DETAILS**  
**VILLAWOOD PROPERTIES**  
**HUME CITY COUNCIL**  
**AS CONSTRUCTED** Drg No **305917R10** Rev **0**





CLASS 2 CRUSHED ROCK



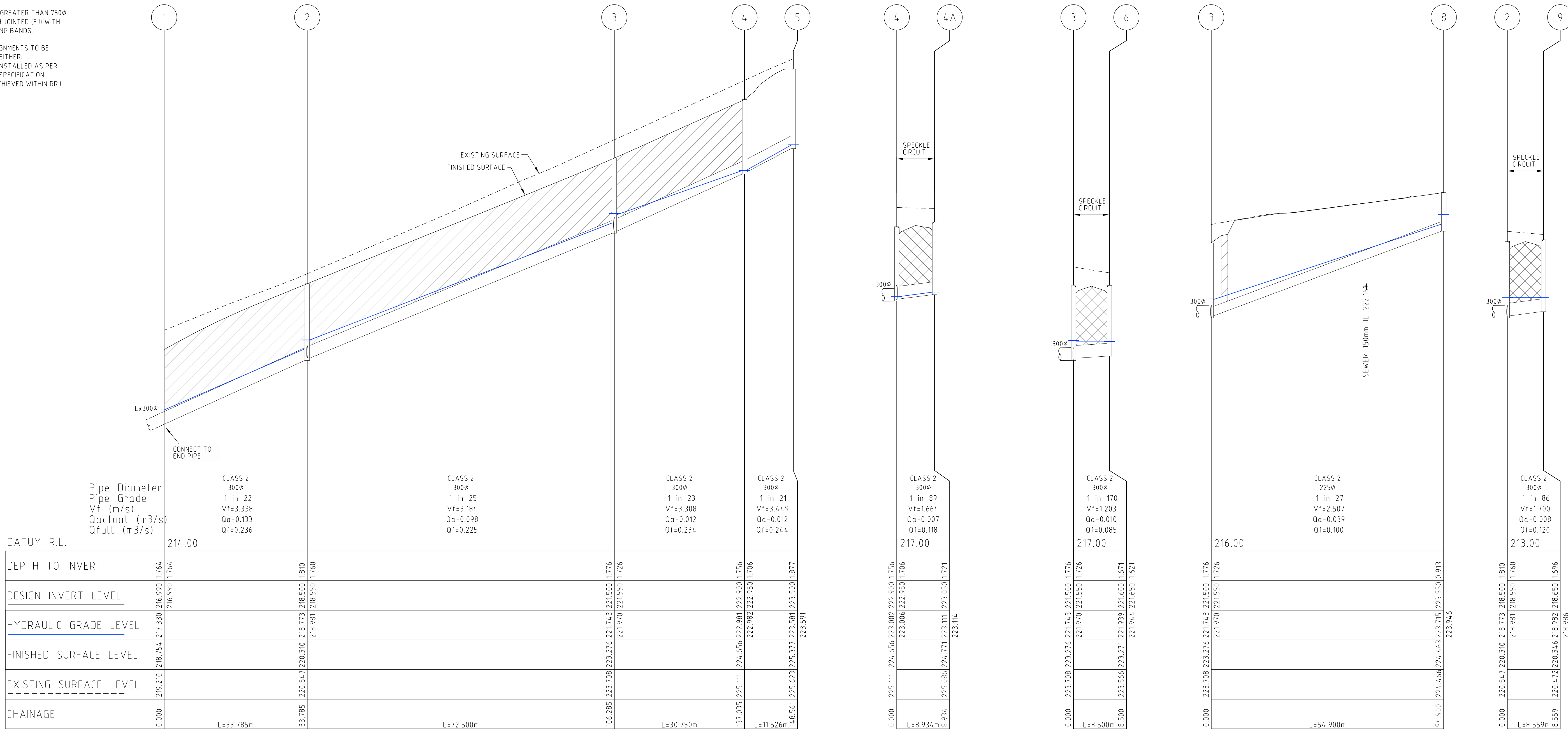
CLASS 3 CRUSHED ROCK

NOTE:

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3 CURVED PIPE ALIGNMENTS TO BE ACHIEVED USING EITHER:  
a) SPLAY PIPES INSTALLED AS PER MANUFACTURES SPECIFICATION  
b) DEFLECTION ACHIEVED WITHIN RRJ.



0	CONSTRUCTION ISSUE	M.T.S	05/04/23
Rev	Amendments	Approved	Date



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ABN 55 050 029 635

Communities Designed for Living

Designed  
**R. WEINBER**

Authorised  
**M. TOOMER-SMITH**

Checked  
**D. CAMERON**

Date  
**08/09/21**

**Redstone.**

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**REDSTONE ESTATE**

**STAGE 6**

**DRAINAGE LONG SECTION**

**SHEET 1 OF 3**

**VILLAWOOD PROPERTIES**

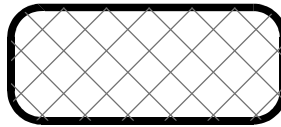
**HUME CITY COUNCIL**

**AS CONSTRUCTED**

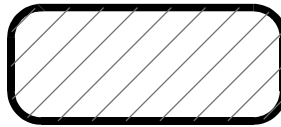
Drg No  
**305917R11**

Rev  
**0**





CLASS 2 CRUSHED ROCK



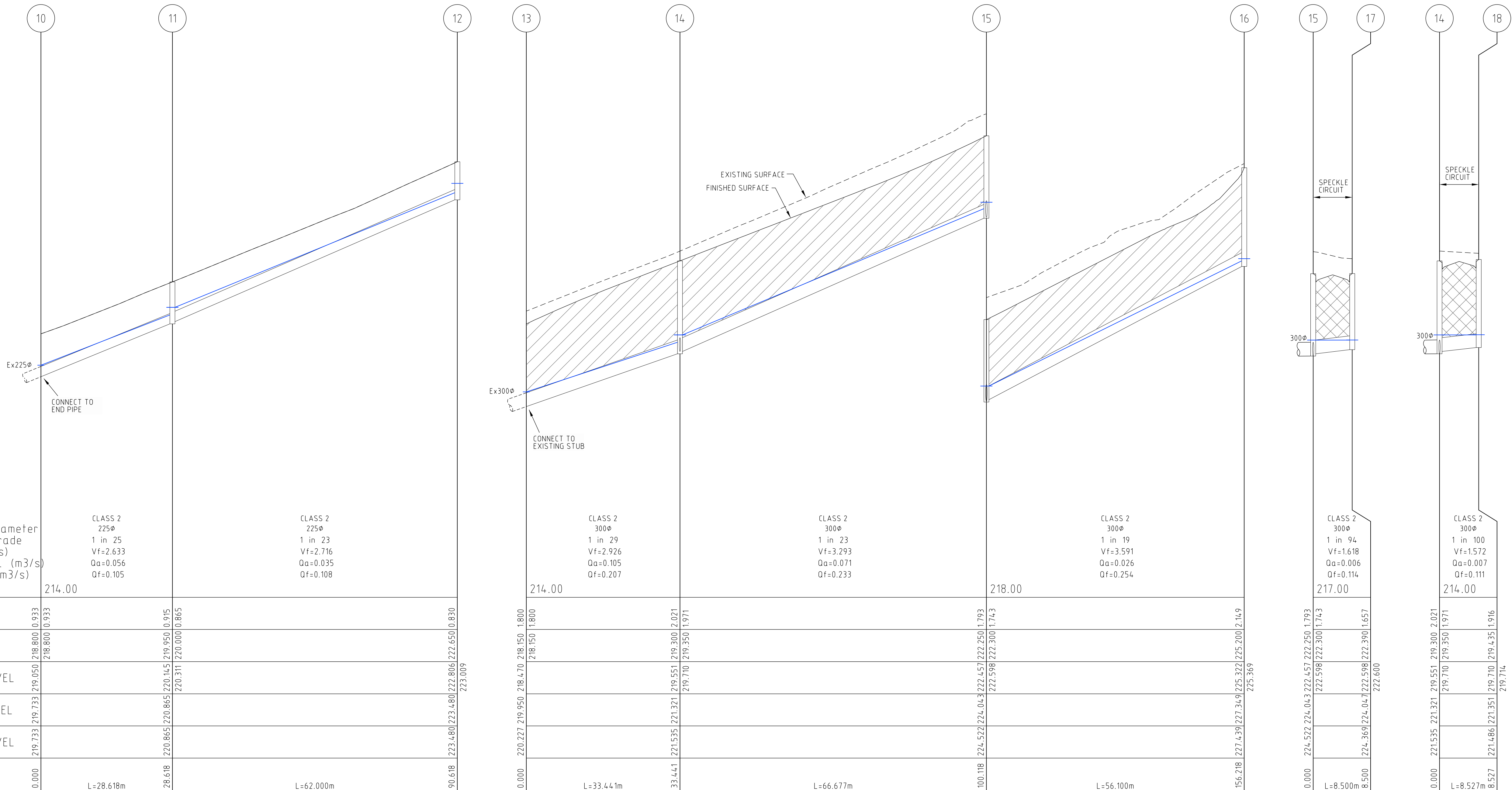
CLASS 3 CRUSHED ROCK

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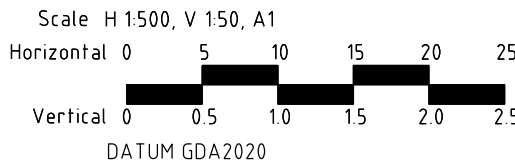


Pipe Diameter	225Ø	225Ø	225Ø
Pipe Grade	1 in 25	1 in 23	1 in 23
Vf (m/s)	Vf=2.633	Vf=2.716	Vf=2.926
Qactual (m3/s)	Qa=0.056	Qa=0.035	Qa=0.105
Qfull (m3/s)	Qf=0.105	Qf=0.108	Qf=0.207
DATUM R.L.	214.00	214.00	214.00
DEPTH TO INVERT	0.933	0.933	0.830
DESIGN INVERT LEVEL	218.800	218.800	218.800
HYDRAULIC GRADE LEVEL	219.050	220.145	219.950
FINISHED SURFACE LEVEL	219.733	220.865	222.806
EXISTING SURFACE LEVEL	219.733	220.865	223.480
CHAINAGE	0.000	28.618	90.618

CLASS 2	300Ø	300Ø	300Ø
1 in 29	1 in 23	1 in 23	1 in 19
Vf=2.926	Vf=3.293	Vf=3.591	Vf=1.618
Qa=0.105	Qa=0.071	Qa=0.026	Qa=0.006
Qf=0.207	Qf=0.233	Qf=0.254	Qf=0.114
DATUM R.L.	214.00	214.00	214.00
DEPTH TO INVERT	0.830	0.830	0.830
DESIGN INVERT LEVEL	218.150	218.150	218.150
HYDRAULIC GRADE LEVEL	219.551	219.551	219.551
FINISHED SURFACE LEVEL	221.321	221.321	221.321
EXISTING SURFACE LEVEL	221.535	221.535	221.535
CHAINAGE	33.441	100.118	156.218

CLASS 2	300Ø	300Ø
1 in 94	1 in 100	1 in 100
Vf=1.618	Vf=1.572	Vf=1.572
Qa=0.006	Qa=0.007	Qa=0.007
Qf=0.114	Qf=0.111	Qf=0.111
DATUM R.L.	217.00	214.00
DEPTH TO INVERT	0.830	0.830
DESIGN INVERT LEVEL	222.250	222.250
HYDRAULIC GRADE LEVEL	222.598	222.598
FINISHED SURFACE LEVEL	224.369	224.369
EXISTING SURFACE LEVEL	224.522	224.522
CHAINAGE	8.500	8.527

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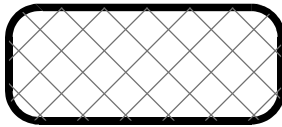
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**villawood**  
properties  
Communities Designed for Living  
Designed  
R. WEINBER  
Authorised  
M. TOOMER-SMITH

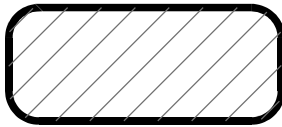
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Checked  
D. CAMERON  
Date  
08/09/21

**REDSTONE ESTATE**  
**STAGE 6**  
**DRAINAGE LONG SECTION**  
**SHEET 2 OF 3**  
**VILLAWOOD PROPERTIES**  
**HUME CITY COUNCIL**  
**AS CONSTRUCTED** Drg No **305917R12** Rev **0**





CLASS 2 CRUSHED ROCK



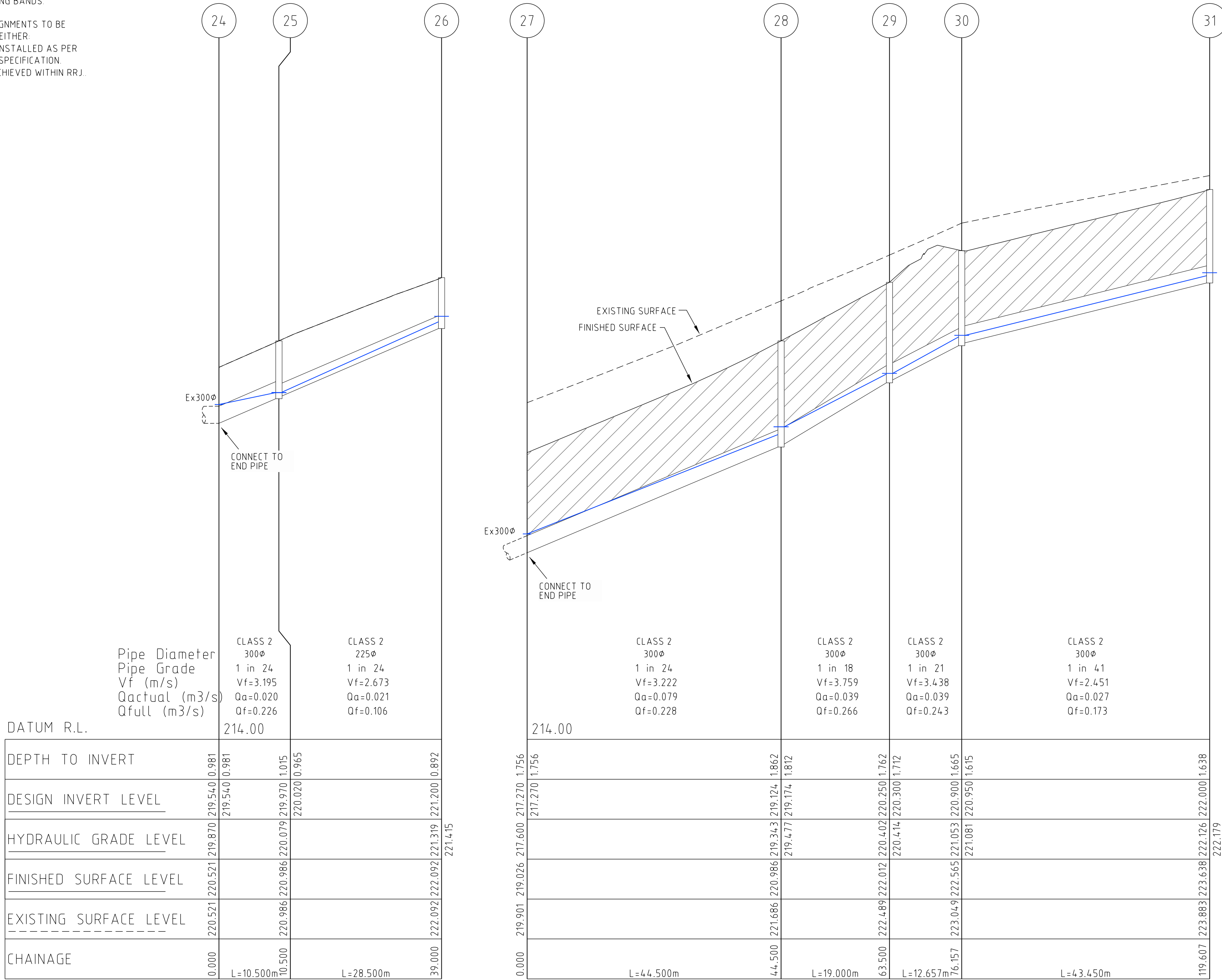
CLASS 3 CRUSHED ROCK

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Communities Designed for Living

Designed  
R. WEINBER

Authorised  
M. TOOMER-SMITH

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Checked  
D. CAMERON

Date  
08/09/21

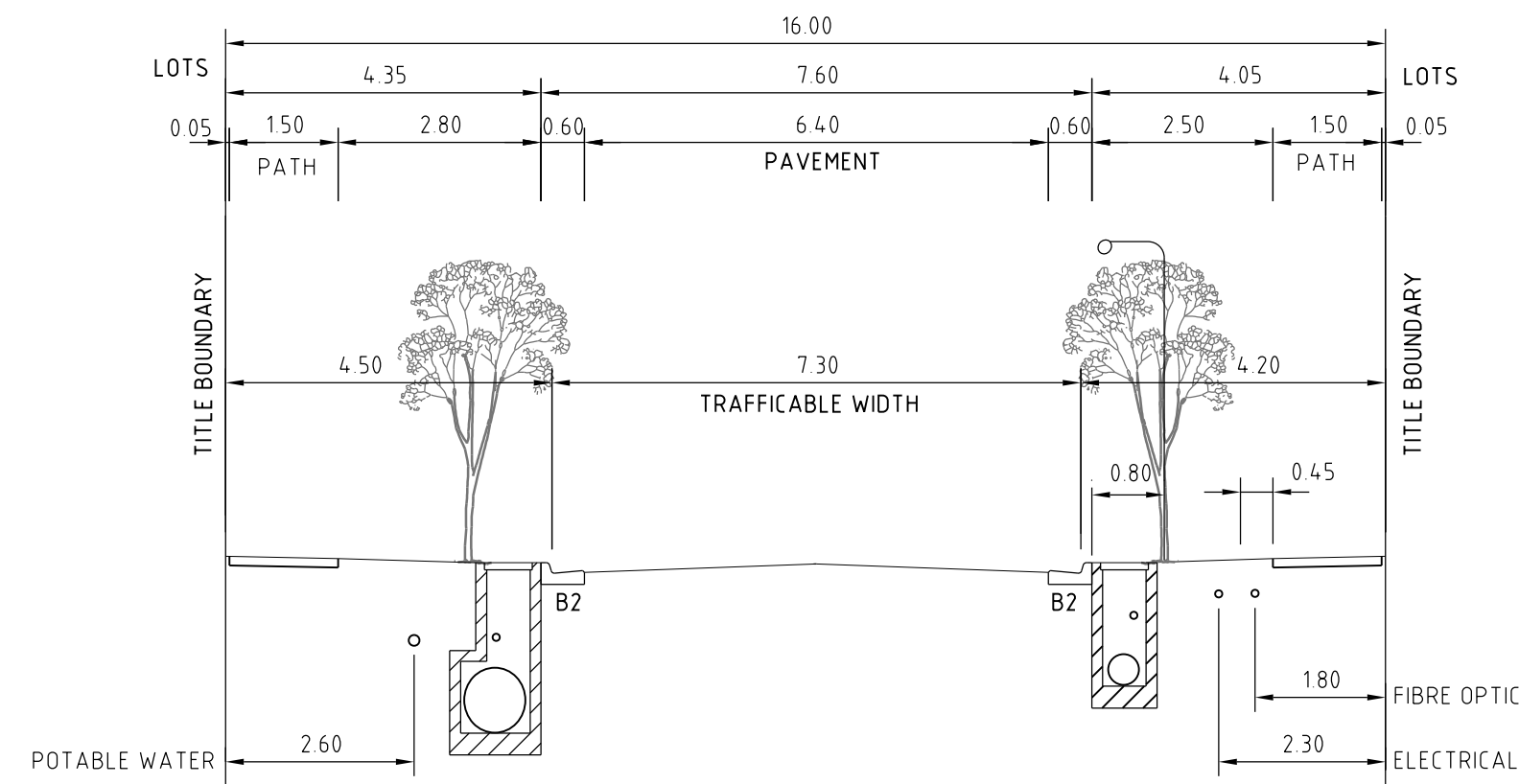
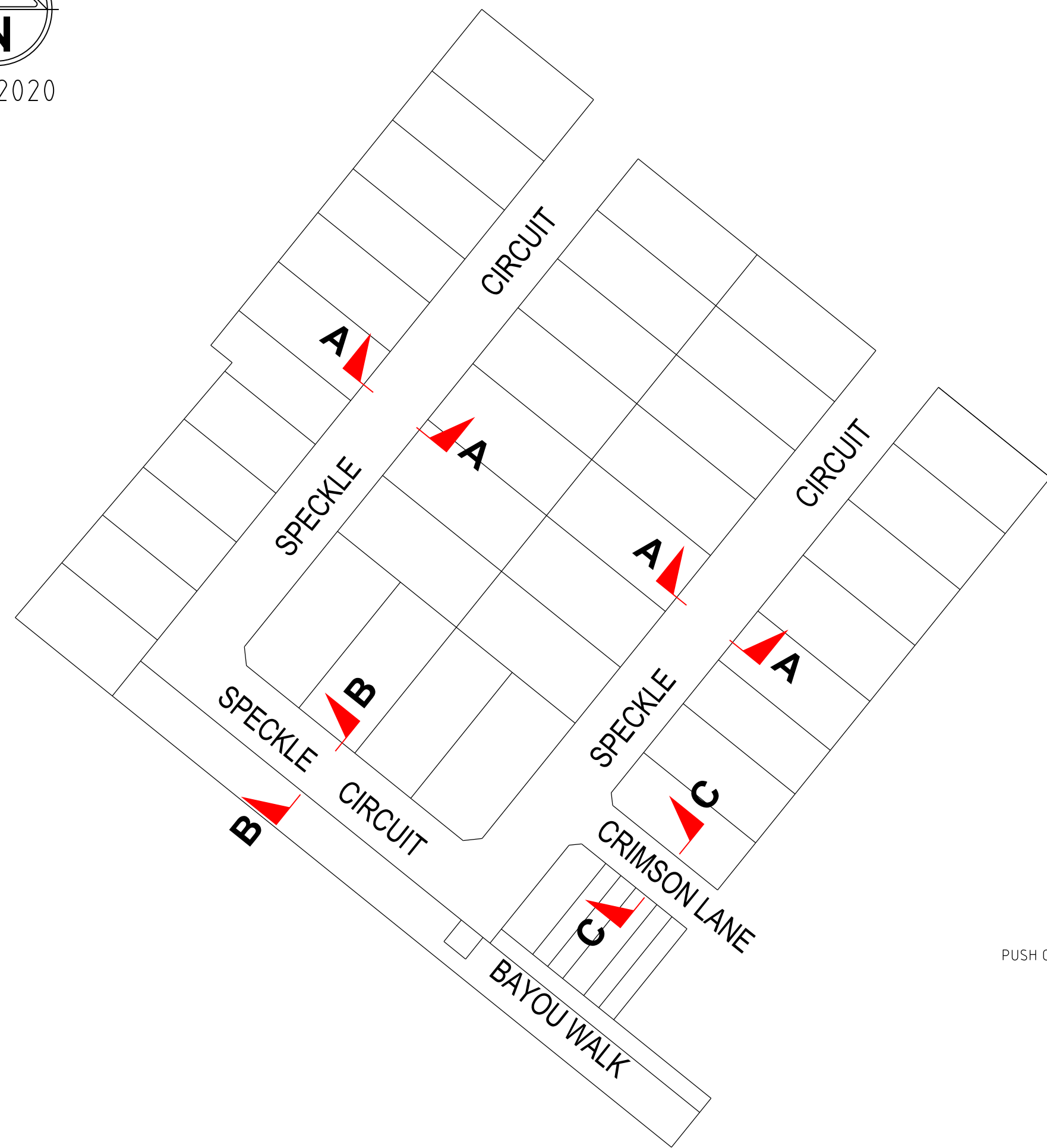
REDSTONE ESTATE  
STAGE 6  
DRAINAGE LONG SECTION  
SHEET 3 OF 3  
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED**

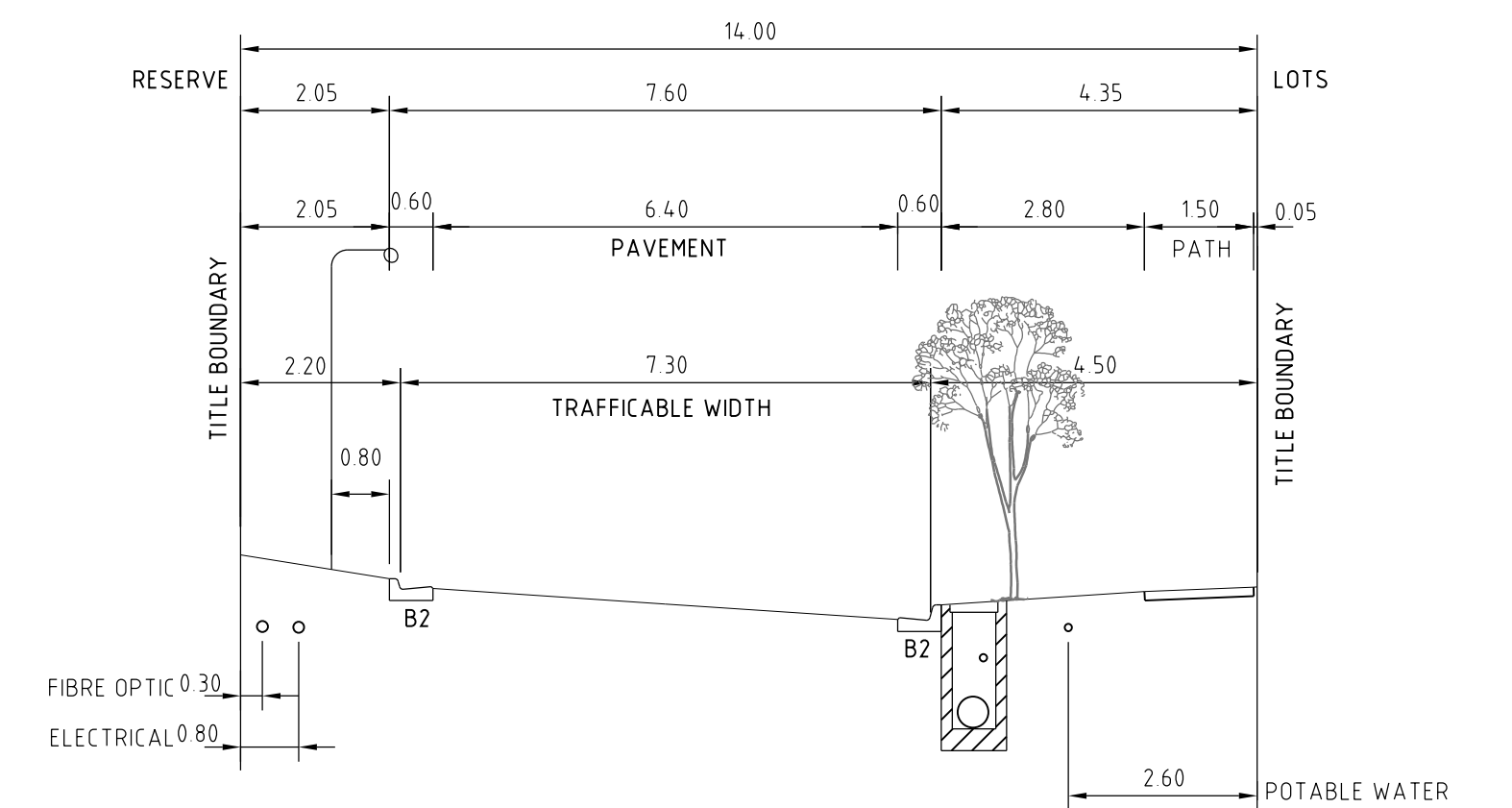
Drg No  
305917R13

Rev  
0

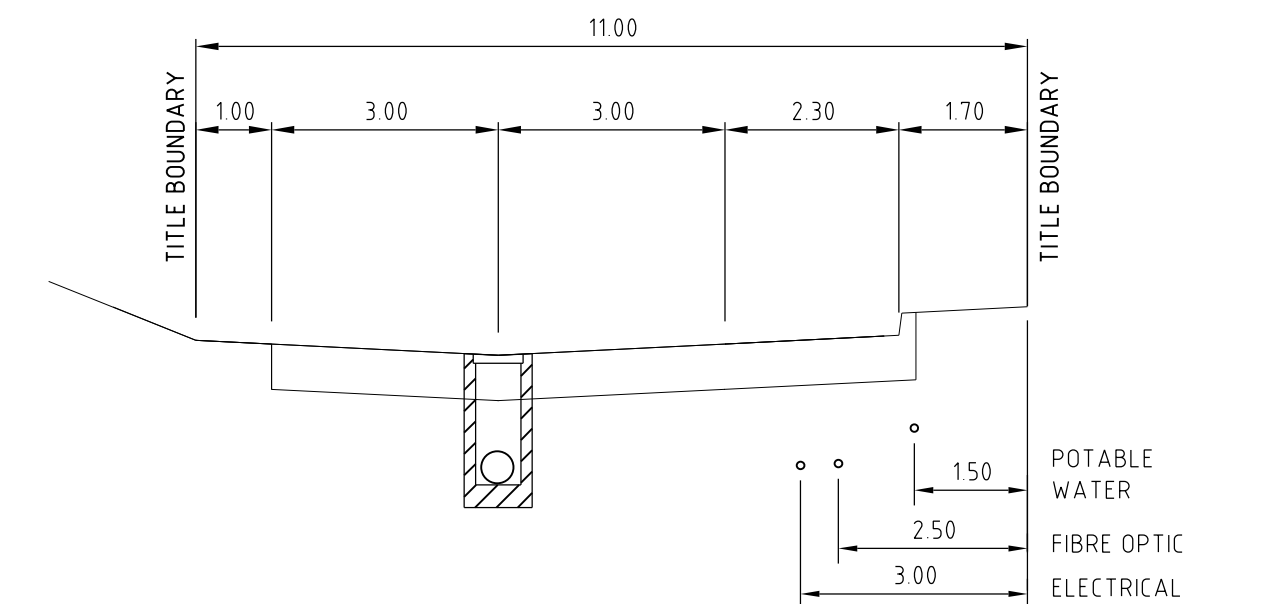
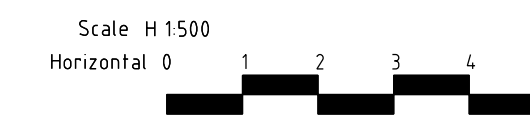




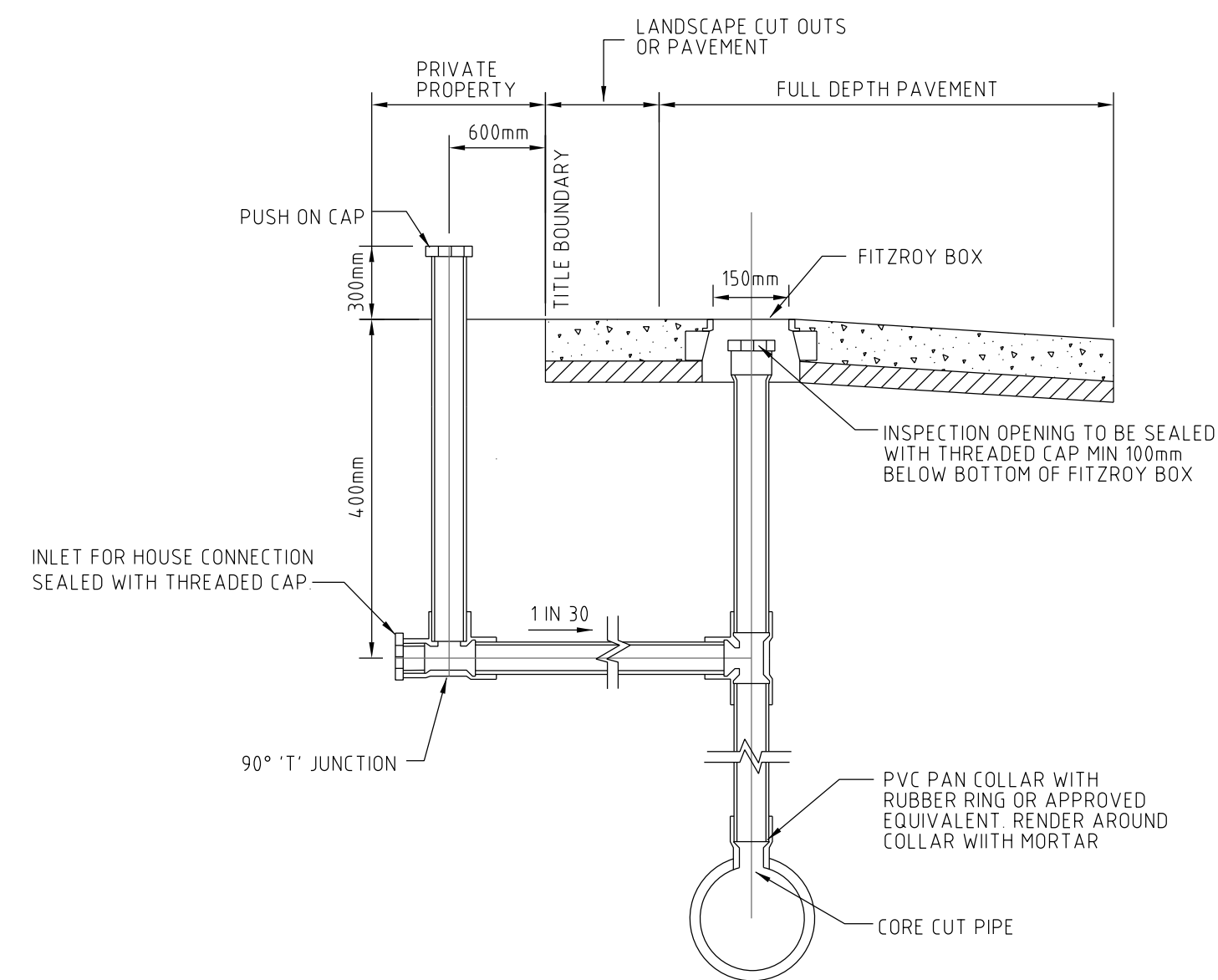
SECTION A - A  
TYPICAL 16.00m ROAD RESERVE  
SPECKLE CIRCUIT



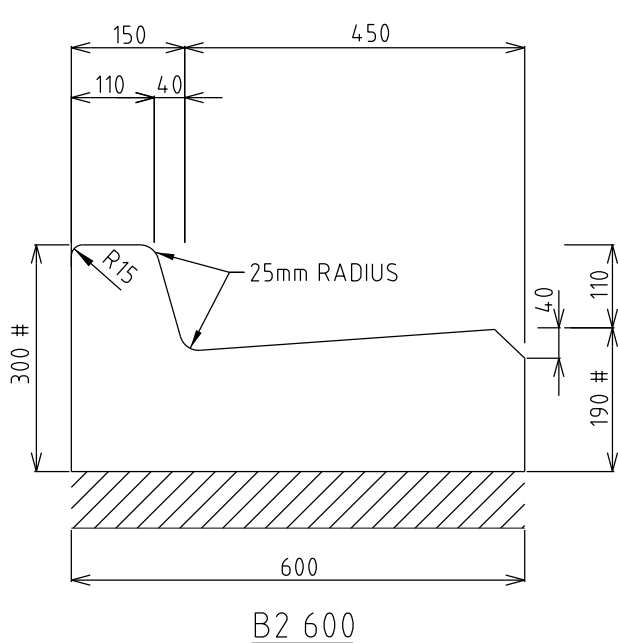
SECTION B - B  
TYPICAL 14.00m ROAD RESERVE  
SPECKLE CIRCUIT



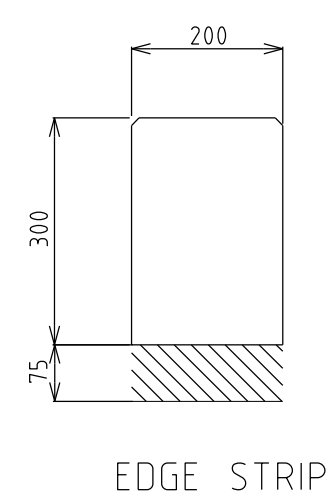
SECTION C - C  
TYPICAL 11.00m ROAD RESERVE  
CRIMSON LANE



PROPERTY INLET DETAIL  
CRIMSON LANE

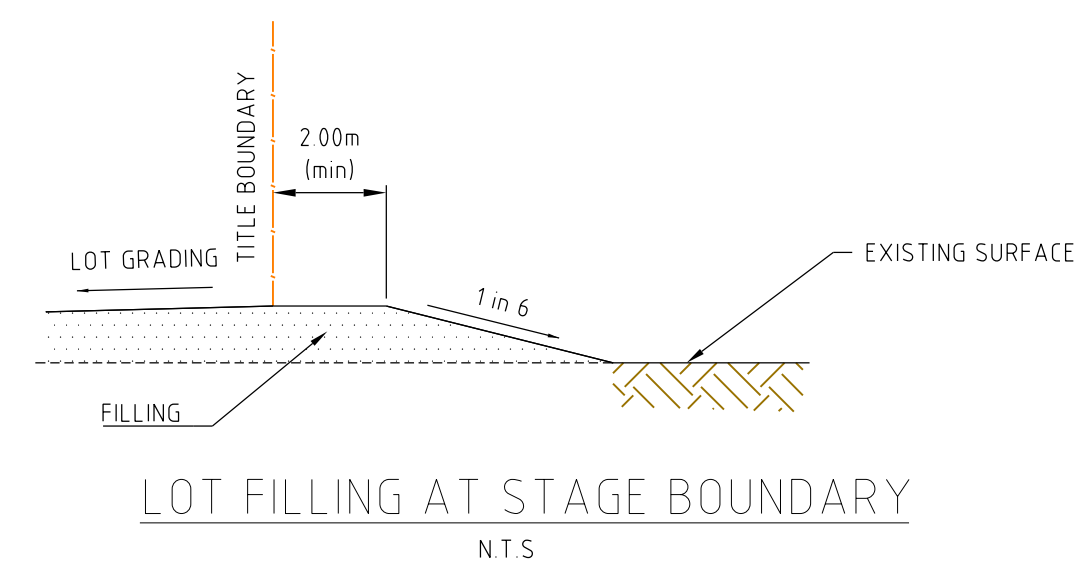


STANDARD KERB PROFILES  
NOT TO SCALE

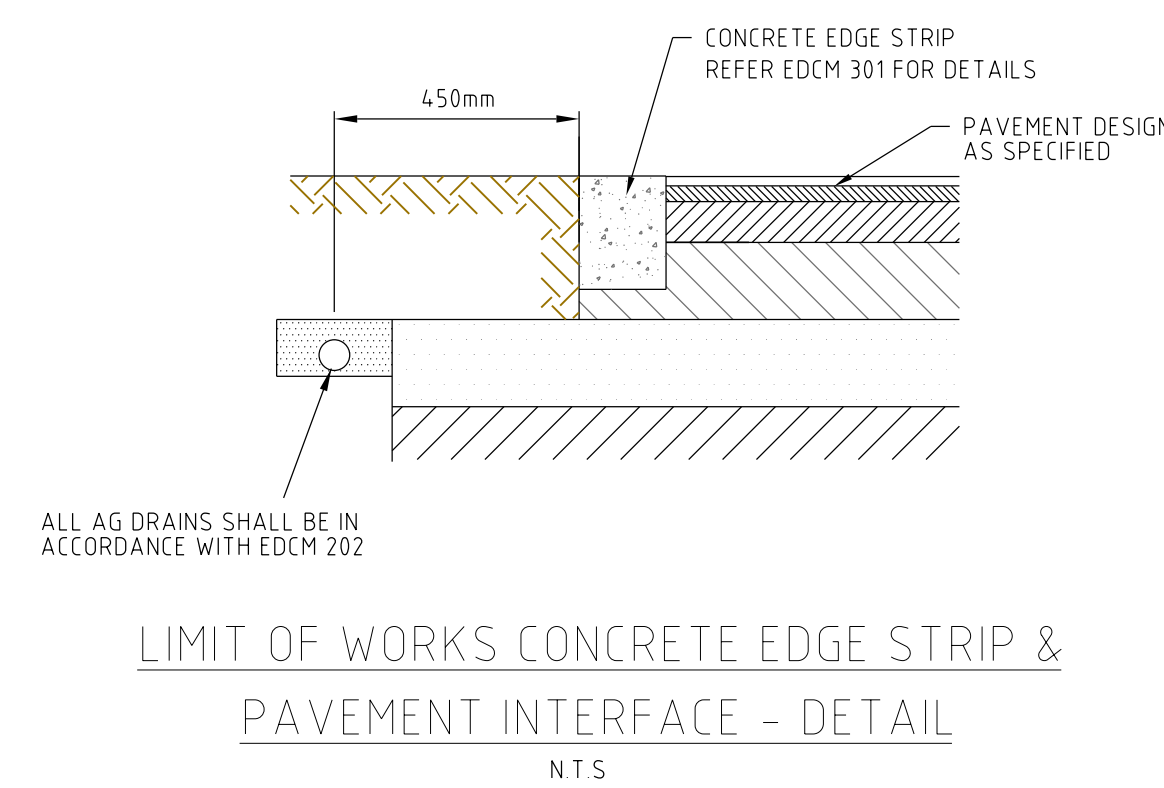


EDGE STRIP

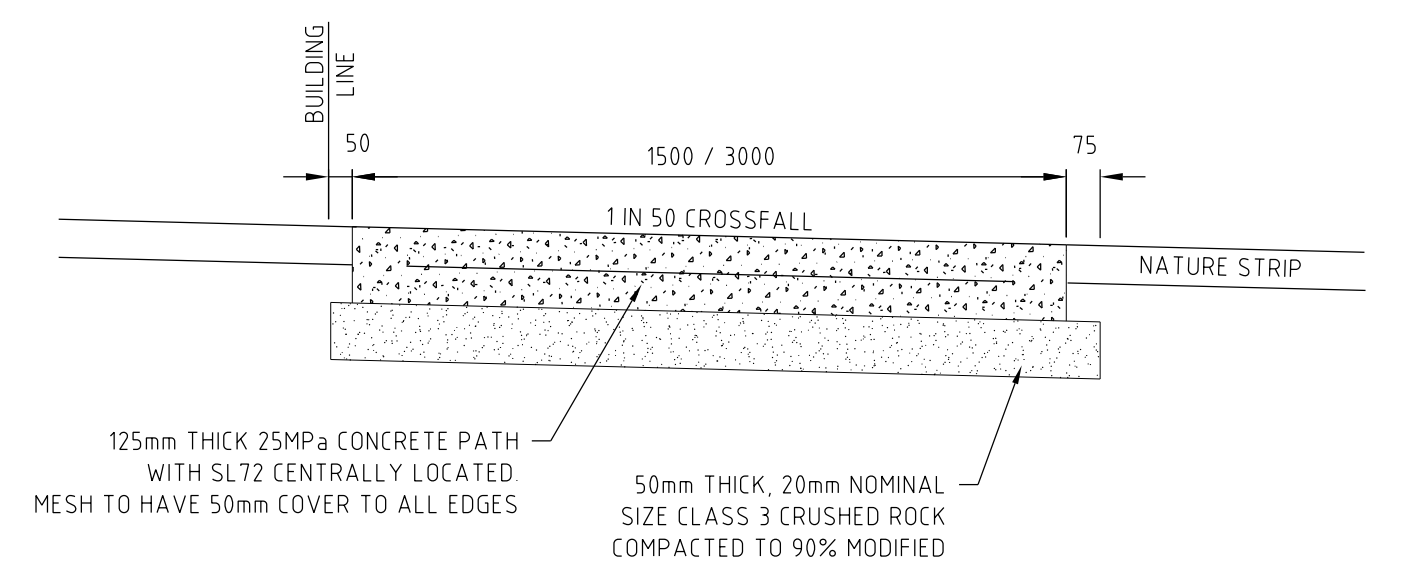
- NOTES:
1. ALL KERBS AND KERB & CHANNEL TO BE REINFORCED IN ACCORDANCE WITH MUNICIPALITY STD DRAWINGS.
  2. ALL KERBS AND KERB & CHANNEL TO HAVE 190mm DEPTH OF CONCRETE BELOW TOP OF PAVEMENT LEVEL.
  3. DIMENSION SHOWN # DEPTH TO TO BE ADJUSTED TO ACCOMMODATE SAMI SEAL LAYER.



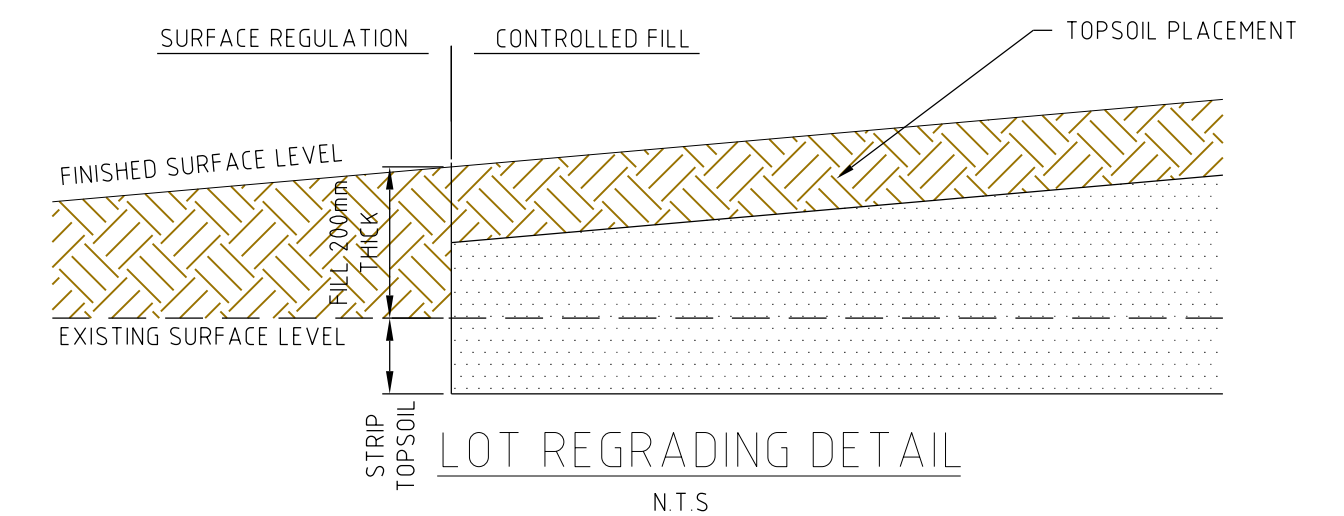
LOT FILLING AT STAGE BOUNDARY  
N.T.S.



LIMIT OF WORKS CONCRETE EDGE STRIP &  
PAVEMENT INTERFACE - DETAIL  
N.T.S.



TYPICAL RESIDENTIAL FOOTPATH CROSS SECTION  
N.T.S.



LOT REGRADING DETAIL  
N.T.S.

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Designed  
R. WEINBER  
Authorised  
M. TOOMER-SMITH

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Checked  
D CAMERON  
Date  
09/09/21

**REDSTONE ESTATE  
STAGE 6  
TYPICAL CROSS SECTIONS  
AND TYPICAL DETAILS  
VILLAWOOD PROPERTIES  
HUME CITY COUNCIL**

**AS CONSTRUCTED** Drg No  
305917R14

Rev  
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FUTURE  
STAGE 8

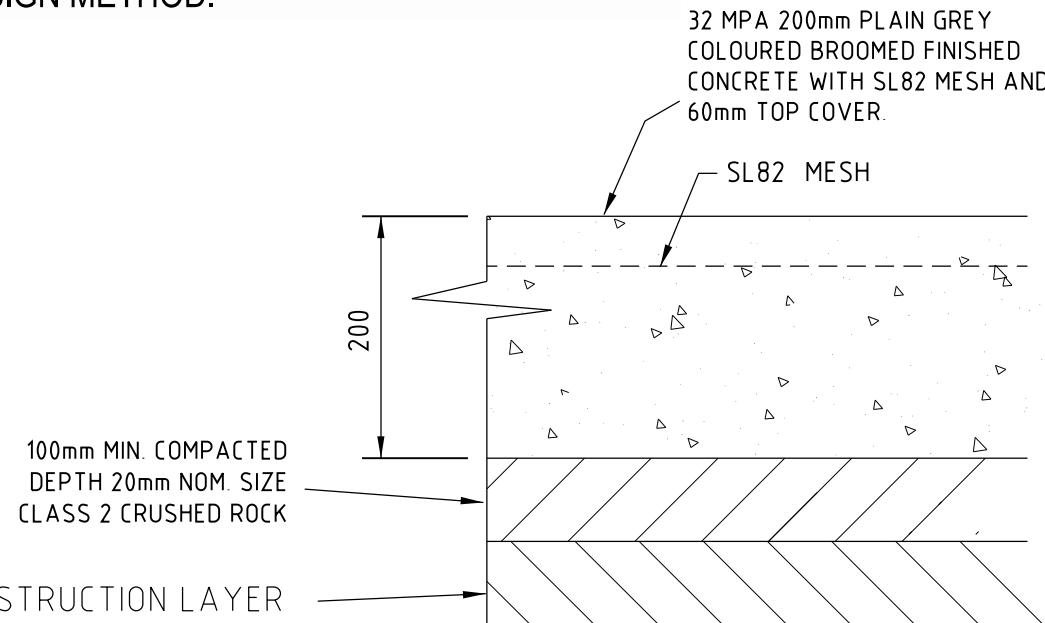
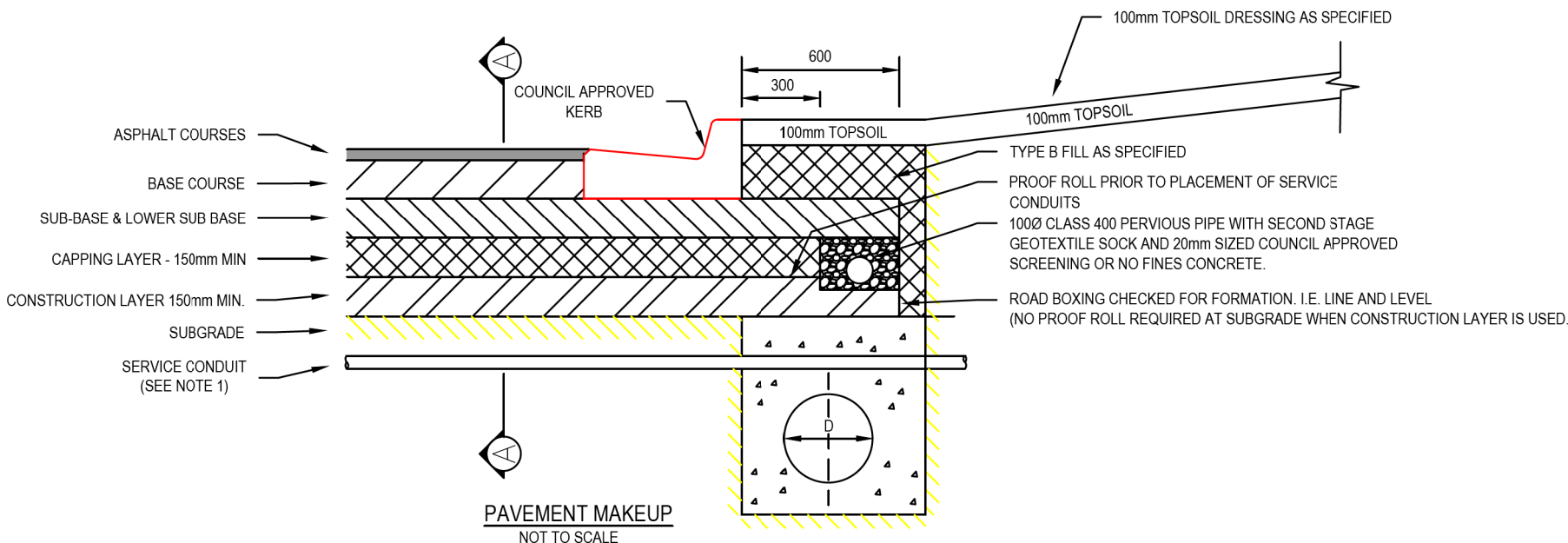
EXISTING  
STAGE 7

#### NOTES

SUB SURFACE DRAINAGE  
SUB SURFACE DRAINAGE TO BE CONSTRUCTED  
AS PER EDCM STANDARD DRAWING 202a

#### NOTE FOR SAMI TREATMENT

DESIGN AND APPLICATION OF SAMI, INCLUDING MATERIAL  
REQUIREMENTS, SHOULD COMPLY WITH VICROADS  
STANDARD SPECIFICATION FOR ROADWORKS AND  
BRIDGEWORKS SECTION 408 AND THE CURRENT AUSTRADS  
SPRAYED SEAL DESIGN METHOD.



#### RIGID PAVEMENT DETAIL FOR

CRIMSON LANE  
N.T.S

NOTE: ALL JOINTING TO BE AS PER C & C AA GUIDELINES

EXISTING  
STAGE 5

#### DESIGN PAVEMENT PROFILE FOR AREA 2

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		AREA 2
WEARING COURSE	Size 10mm Type L Asphalt with a C320 binder	30
STRUCTURAL COURSE	Size 10mm Type N Asphalt with a C320 binder	30
WATER-PROOFING COURSE	SAMI seal with Class S18RF binder and bituminous prime	10
BASE COURSE (Standard Quality)	20mm nominal size Class 2 FCR, compacted to at least 98% Modified Dry Density Ratio with a mean value of at least 100% Modified Dry Density Ratio and within 1% of the Modified Optimum Moisture Content	130
UPPER PAVEMENT TOTAL		200
SUB-BASE COURSE (Standard Quality)	20mm nominal size Class 3 FCR, compacted to at least 95% Modified Dry Density Ratio with a mean value of at least 98% Modified Dry Density Ratio and within 1% of the modified Optimum Moisture Content	100
CAPPING LAYER	Select granular material with a minimum soaked CBR of 10% compacted to 98% Standard Dry Density Ratio with a mean value of at least 100% Standard Dry Density Ratio and within 1% of the Standard Optimum Moisture Content and a percentage swell of less than 15%	160
CONSTRUCTION LAYER	Select granular material with a minimum soaked CBR of 10% compacted to 98% Standard Dry Density Ratio with a mean value of at least 100% Standard Dry Density Ratio and within 1% of the Standard Optimum Moisture Content and a percentage swell of less than 15%	150
TOTAL PAVEMENT DEPTH		610
SUBGRADE	Natural Silty CLAY tested to confirm an in-situ CBR of at least 2.0% OR approved FILL compacted to at least 100% Standard Dry Density ratio (soaked CBR ≥ 3.0%) within 2% of the Standard Optimum Moisture Content	

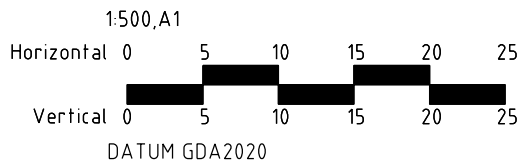
#### PAVEMENT DETAILS

THE PAVEMENT DESIGNS SHOWN HERE HAVE BEEN DESIGNED/PROVIDED BY CARDNO VICTORIA PTY LTD WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. SPIIRE IS NOT RESPONSIBLE FOR THE WORK OF CARDNO VICTORIA PTY LTD.

THE DESIGN HAS BEEN EXTRACTED FROM THE CARDNO VICTORIA PTY LTD REPORT TITLED "GEOTECHNICAL INVESTIGATION FOR PROPOSED RESIDENTIAL SUBDIVISION REDSTONE HILL 'SUNBURY SOUTH' V180556 REPORT 013. THIS DOCUMENT SHOULD BE REVIEWED TO ENSURE THAT THE DESIGN HAS BEEN ACCURATELY REPRODUCED. A COPY OF THE DOCUMENT WILL BE PROVIDED TO YOU ON REQUEST.

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R. WEINBER  
Authorised  
M. TOOMER-SMITH

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D CAMERON  
Date  
09/09/21

#### REDSTONE ESTATE STAGE 6 PAVEMENT DETAILS

VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED** Drg No  
305917R15

Rev  
0



LEGEND

- 1 STREET NAME  
STREET NAME PLATES TO BE IN ACCORDANCE WITH HCC SD408 & SD412, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE.
- 2 ROAD CLOSED  
G9-20
- 3 D4-5
- INSTALL ONLY POLYPLASTIC OR METAL MECHANICALLY FIXED TACTILE MARKERS
- TGSI KERB RAMP  
HAZARD / DIRECTIONAL TGSIS SHOW INDICATIVELY. FOOTPATH RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH EDM 403. TGSIS SHALL CONFORM TO AS1428.4
- TGSI DIRECTIONAL
- 1-WAY RRP (5m SPACING)

NOTE:

1. STREET SIGNS ARE TO BE MOUNTED ON LIGHT POLES, WITH A COUNCIL APPROVED BRACKET. IN LIEU OF SIGN POLES WHERE THE TWO POLES ARE IN CLOSE PROXIMITY AND WHERE THE STREET SIGN WOULD NOT BE COMPROMISED IN ITS PURPOSE BY THE RELOCATION.

NOTIONAL CARPARKING SPACES

FUTURE STAGE 8

EXISTING STAGE 7

EXISTING STAGE 3

EXISTING STAGE 5

FUTURE STAGE 5C

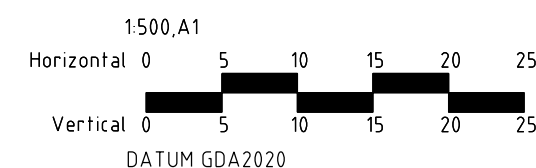
REDSTONE HILL ROAD (FUTURE)

RESERVE NO.10

BAYOU WALK

CRIMSON LANE

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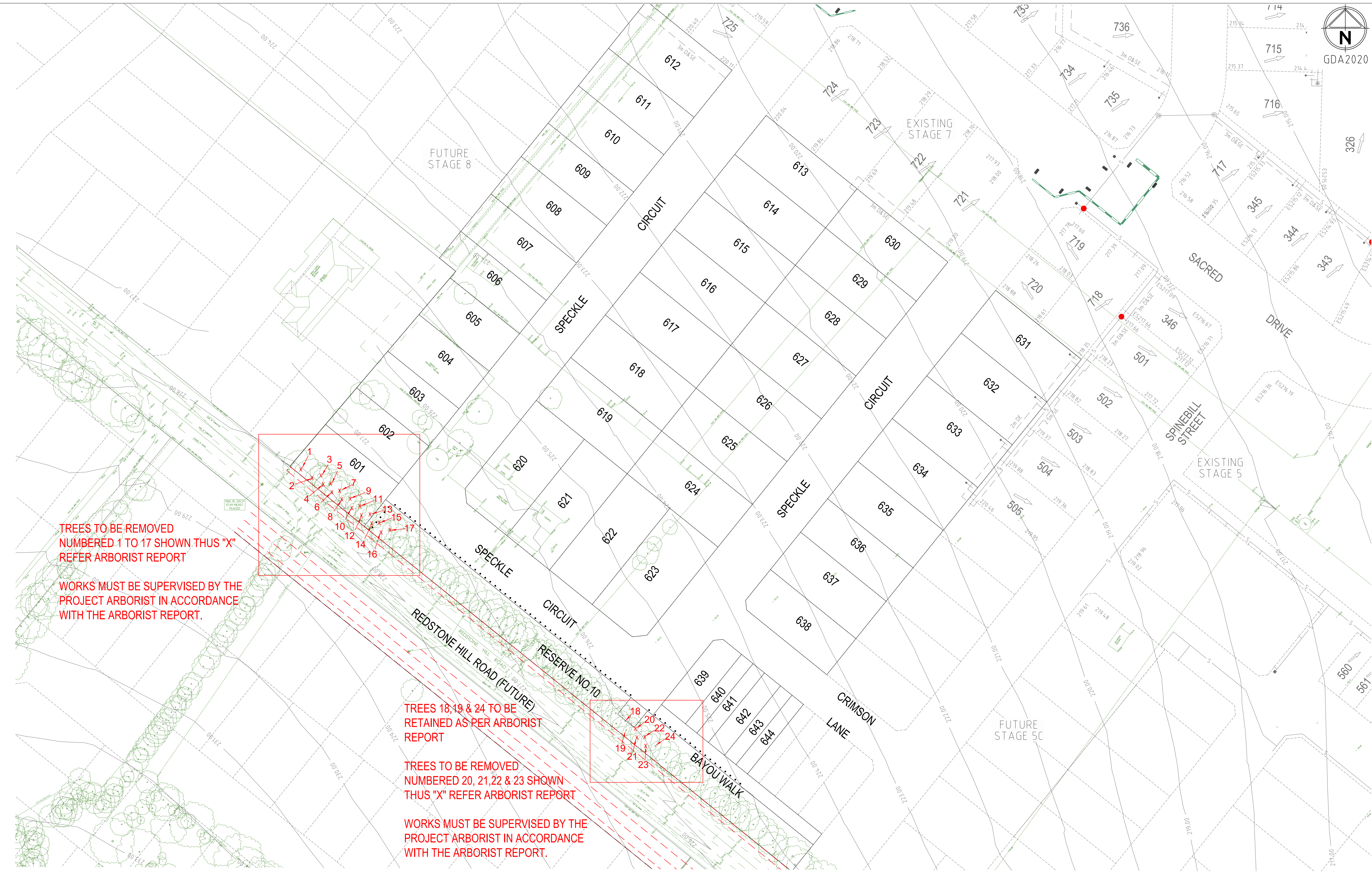
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D CAMERON  
Date  
09/09/21

REDSTONE ESTATE  
STAGE 6  
SIGNAGE, LINEMARKING & CARPARKING PLAN

VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

AS CONSTRUCTED Drg No 305917R16 Rev 0





TREES TO BE REMOVED  
NUMBERED 1 TO 17 SHOWN THUS "X"  
REFER ARBORIST REPORT

WORKS MUST BE SUPERVISED BY THE  
PROJECT ARBORIST IN ACCORDANCE  
WITH THE ARBORIST REPORT.

TREES 18,19 & 24 TO BE  
RETAINED AS PER ARBORIST  
REPORT

TREES TO BE REMOVED  
NUMBERED 20, 21,22 & 23 SHOWN  
THUS "X" REFER ARBORIST REPORT

WORKS MUST BE SUPERVISED BY THE  
PROJECT ARBORIST IN ACCORDANCE  
WITH THE ARBORIST REPORT.

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Authorised  
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Checked  
**D CAMERON**

Date  
**09/09/21**

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**REDSTONE ESTATE  
STAGE 6  
EXISTING CONDITIONS PLAN**

VILLAWOOD PROPERTIES  
HUME CITY COUNCIL

**AS CONSTRUCTED**

Drg No  
**305917R17**

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**0**