

236 PAYNES ROAD

STAGE 2

THE THORNHILL GARDENS

1. GENERAL NOTES:

- 1.1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF SUPERINTENDENT AND THE CITY ENGINEER OR THEIR REPRESENTATIVE.
- 1.2. COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN CITY OF MELTON, THE CONSULTANT AND THE CONTRACTOR, BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS.
- 1.3. PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:

1.3.1. SOURCE OF QUARRY MATERIAL

1.3.2. N.A.T.A. APPROVED TESTS RESULTS FOR THE F.C.R. THAT IS TO BE USED

1.3.3. IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
- 1.4. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE WORK SAFE HEALTH AND SAFETY ACT, HAVE BEEN AND WILL BE COMPLIED WITH.
- 1.5. 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.
- 1.6. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- 1.7. ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- 1.8. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- 1.9. 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.
- 1.10. 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.

2. SURVEY & SETOUT

- 2.1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) ZONE 55.
- 2.2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- 2.3. ALL CHAINAGES REFER TO ROAD CENTRELINES
- 2.4. TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
- 2.5. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.
- 2.6. SETOUT DRAWING IN DWG FORMAT WILL BE PROVIDED FOR A ALL SETOUT OF DRAINAGE/KERBS/SEWERS/FOOTPATHS etc.

3. EARTHWORKS:

- 3.1. ALL FILLING TO COMPLY WITH EDM STANDARD SECTION 12.3 EARTHWORKS & FILLING REQUIREMENTS (A.S.3798-1996 APPENDIX B, LEVEL 1 AS SPECIFIED). LEVEL 1 FILLING OVER 300mm IS TO BE SUPERVISED AND TESTED BY NATA REGISTERED SOIL LABORATORY. THE DETAILS OF FILLING SUCH AS AREA OF FILL DEPTH OF FILL AND THE COMPACTION TEST RESULTS ARE TO BE SUBMITTED TO COUNCIL WHEN REQUEST THE STATEMENT OF COMPLIANCE.
- 3.2. 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.
- 3.3. THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY COUNCIL AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS
- 3.4. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- 3.5. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED BY THE SUPERINTENDENT.
- 3.6. ALL EXISTING DAMS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED APPROVED AND LEVELLED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION
- 3.7. NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCILS SPECIAL PERMISSION. RESTRICTED BLASTING WITHIN 20 METRES OF WATER MAINS AND WITHIN 6 METRES OF TELSTRA CONDUITS
- 3.8. ALL EXCAVATED ROCK TO BE REMOVED AND DISPOSED OFF SITE.

4. TREE PROTECTION ZONE:

- 4.1. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ENGINEER.
- 4.2. TREES ON COUNCIL RESERVES TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS
- 4.3. PRIOR TO REMOVAL OF ANY TREES THE CONTRACTOR IS TO ENGAGE A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT TO ASSESS RISKS TO ANIMALS LIVING OR NESTING IN ANY OF THE TREES. IF SO, THESE ANIMALS MUST BE SUITABLY RELOCATED TO APPROPRIATE AREA TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.
5. SERVICES & TRENCHING:

5.1. BEFORE COMMENCING WORK ON THE TRENCHES IN EXCESS OF 1.5 METRES DEEP, NOTICE OF SUCH PROPOSAL IS TO BE SENT TO THE PRINCIPAL MINING INSPECTOR, VICTORIA WORKCOVER AUTHORITY IN ACCORDANCE WITH THE MINES ACT 1958 & O.H.&S. ACT 2004. A FOREMAN, QUALIFIED AS A NOMINATED PERMITTED MINES MANAGER, MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATION.

5.2. 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.

5.3. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.

5.4. WATER CONDUITS ARE TO BE Ø50mm CLASS 12 P.V.C. WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:

5.4.1. ROAD PAVEMENT - 800mm

5.4.2. VERGE, FOOTPATHS - 450mm

5.5. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED WITH 2% CEMENT TREATED CRUSHED ROCK.

5.6. WATER TAPPINGS TO BE LOCATED IN CENTRE OF ALLOTMENTS UNLESS OTHERWISE SHOWN. REFER TO WATER DESIGN DRAWINGS FOR NOMINATED OFFSETS.

5.7. SERVICE CROSSING LOCATIONS SHALL BE MARKED ON KERBS IN ACCORDANCE WITH EDM 303

5.8. 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.

5.9. ALL HOUSE DRAINS TO HAVE MINIMUM COVER OF 600mm.

6. CONCRETE WORKS:

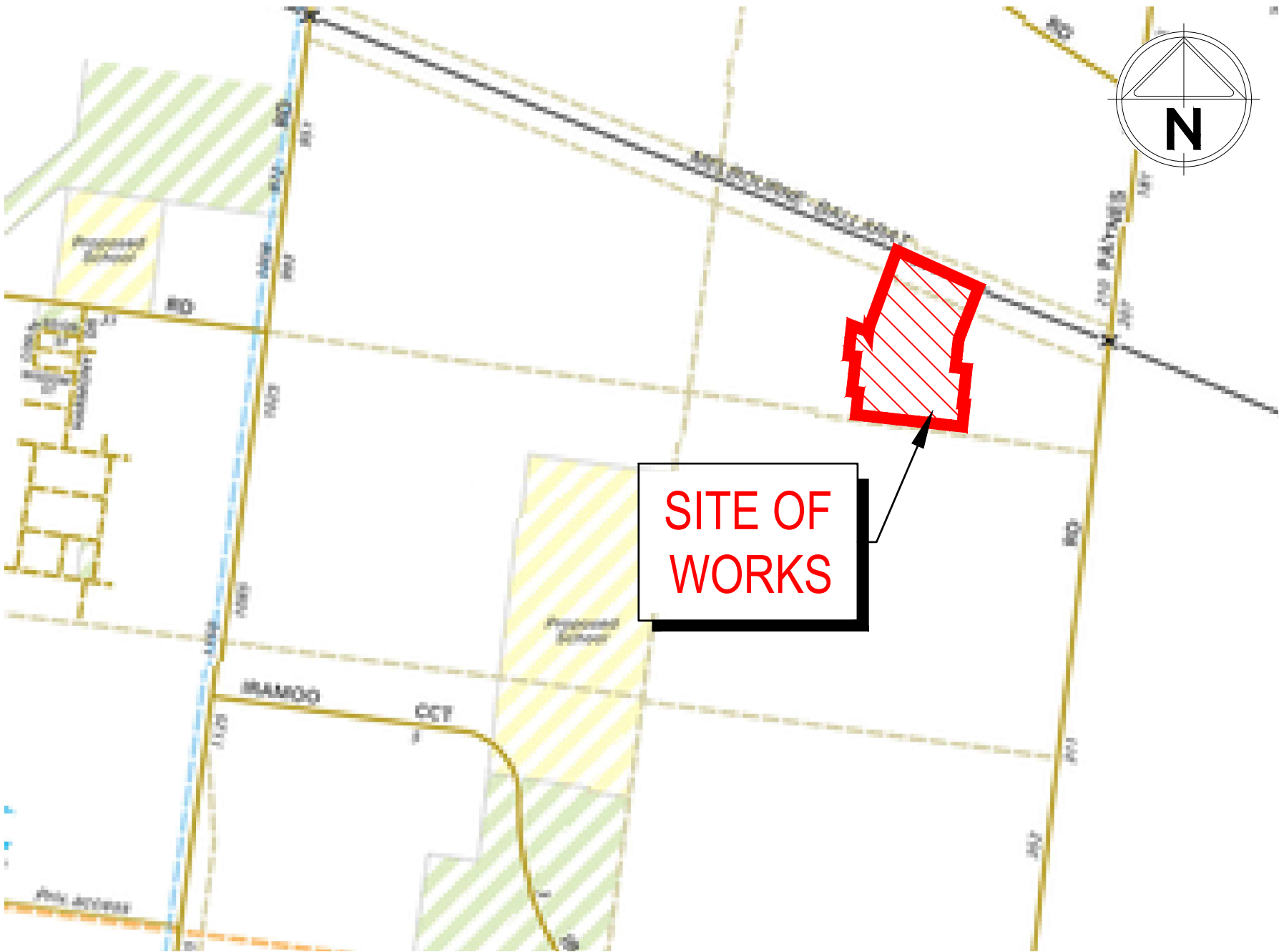
- 6.1. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY
- 6.2. FOOTPATHS TO BE 125mm THICK N25 CONCRETE WITH SL72 MESH (50mm TOP COVER) ON 50mm THICK 20mm NOMINAL SIZE CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE MECHANICALLY COMPACTED IN ACCORDANCE WITH EDM 401

6.2.1. FOOTPATHS TO BE THICKENED AROUND PITS IN ACCORDANCE WITH EDM 402

6.2.2. PRAM CROSSINGS AND KERB RAMPS TO BE IN ACCORDANCE WITH EDM 403
- 6.3. DRIVEWAYS TO BE 125mm THICK N25 CONCRETE WITH SL72 MESH (50mm TOP COVER) ON 50mm THICK 20mm NOMINAL SIZE CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE MECHANICALLY COMPACTED IN ACCORDANCE WITH EDM 501 & EDM 502
- 6.4. KERB & CHANNEL TO BE IN ACCORDANCE WITH EDM 301 & 302
- 6.5. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SANDBLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
- 6.6. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



LOCALITY PLAN
NO TO SCALE

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REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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.



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NOT TO SCALE

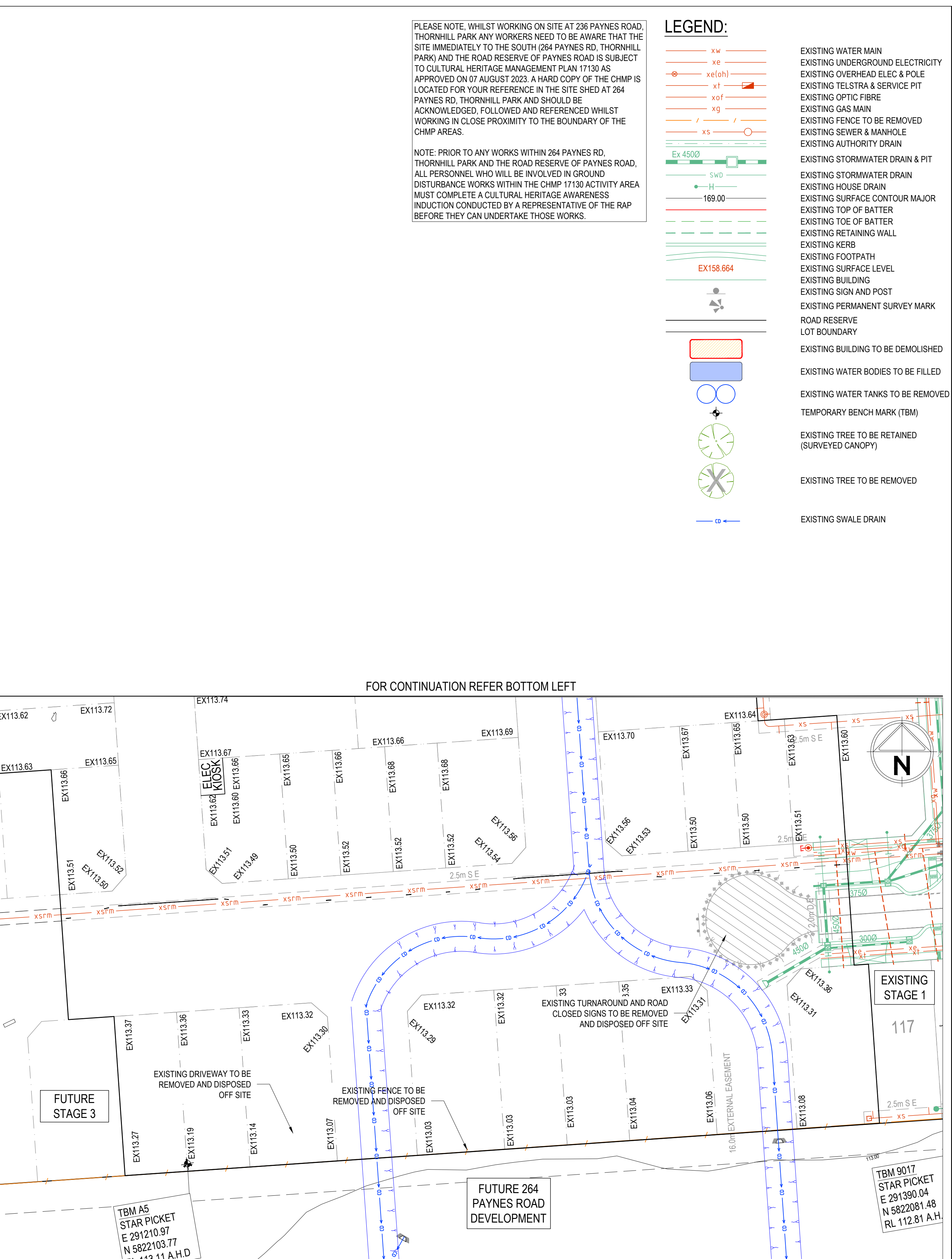
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DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L
STATUS:	

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
NOTES, LOCALITY PLAN & SHEET INDEX

CONSTRUCTION

121912RD01

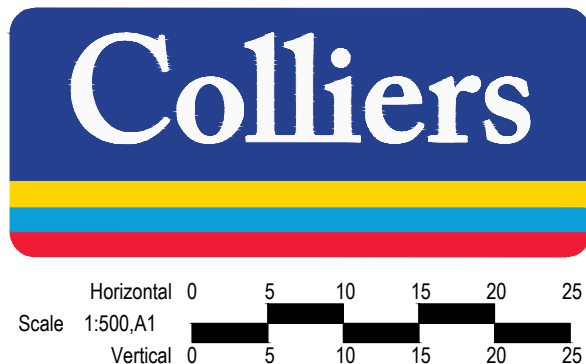
SHEET No.	1 OF 34
REV.	1



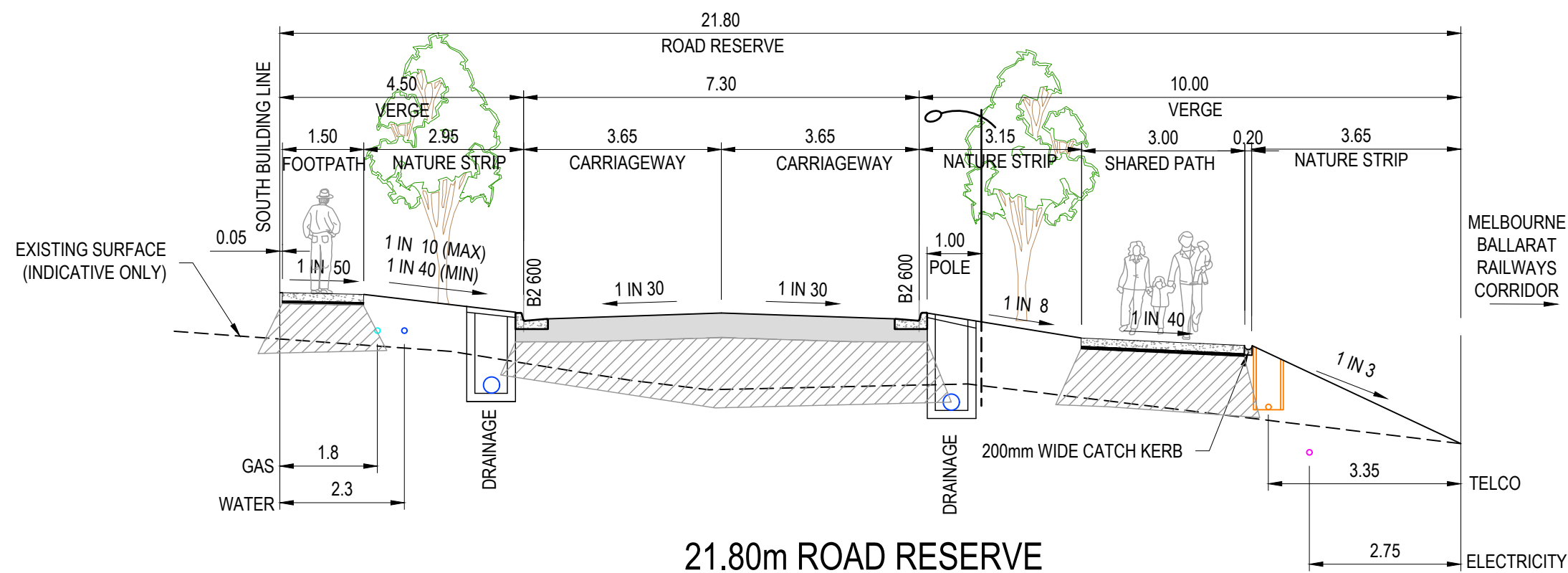
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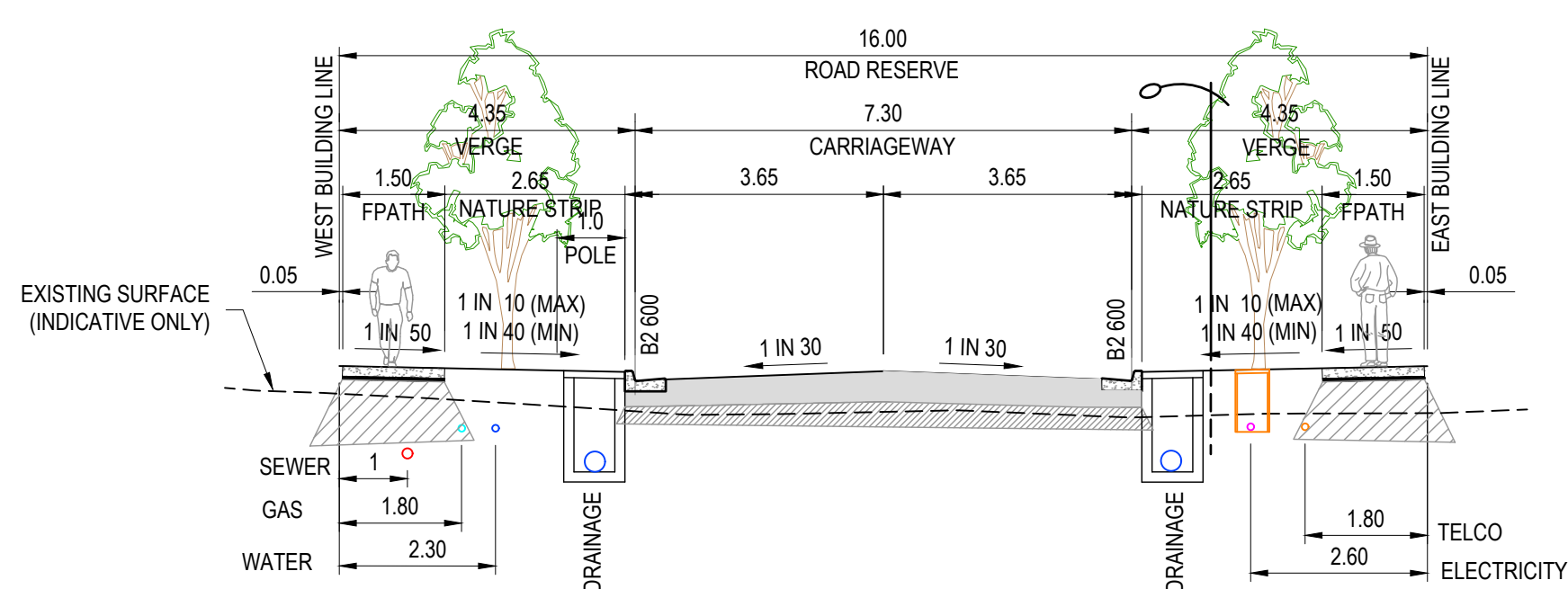


PM	T. BARBOUR	<div> <div>236 PAYNES ROAD - STAGE 2</div> <div>THE THORNHILL GARDENS</div> <div>CITY OF MELTON</div> <div>EXISTING CONDITIONS & DEMOLITION</div> </div>	
DESIGNED	23.08.2023		
S. FALKENSTEIN			
CHECKED	23.08.2023		
AUTHORISED	23.08.2023		
T. BARBOUR			
MELWAYS	344 CT		
POS No:	PS902801L		
STATUS	CONSTRUCTION	121912RD02	<div> <div>SHEET No:</div> <div>2 OF 34</div> </div> <div> <div>REV.</div> <div>1</div> </div>



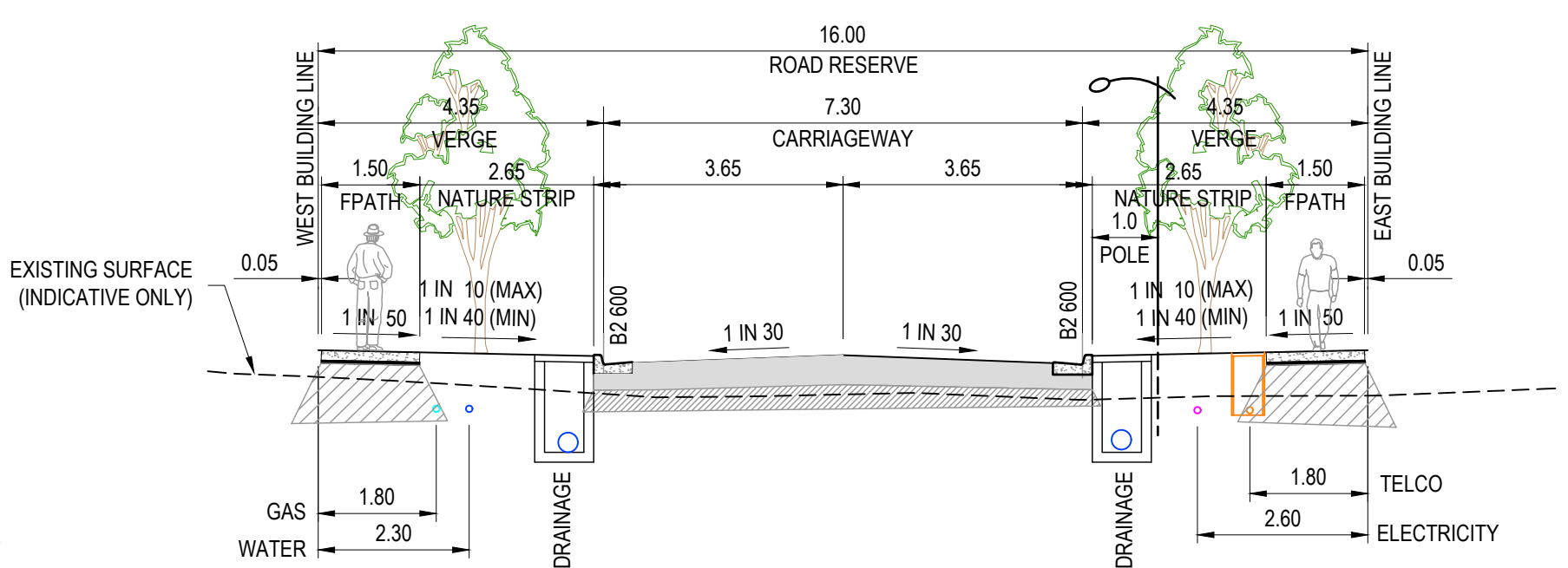
21.80m ROAD RESERVE
7.30m CARRIAGEWAY
CRANBERRY CRESCENT

SECTION A
SCALE 1 : 100
RD04



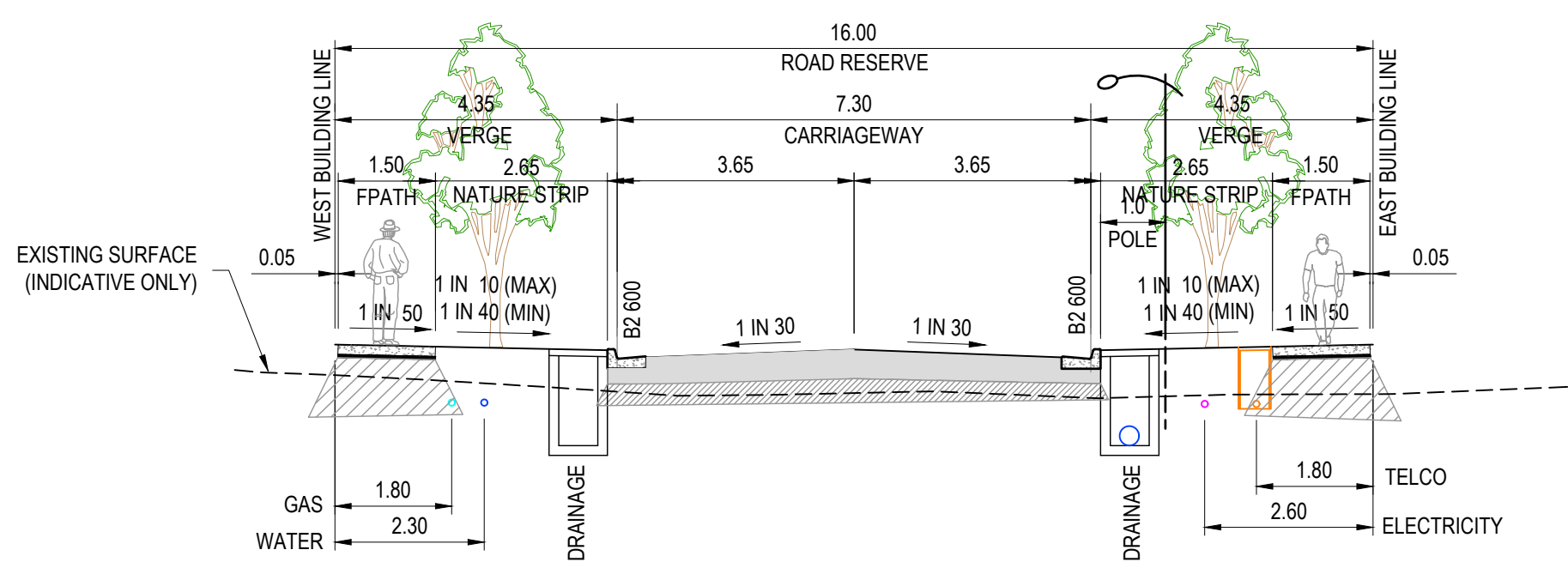
16.00m ROAD RESERVE
7.30m CARRIAGEWAY
BAYBERRY STREET

SECTION B
SCALE 1 : 100
RD04



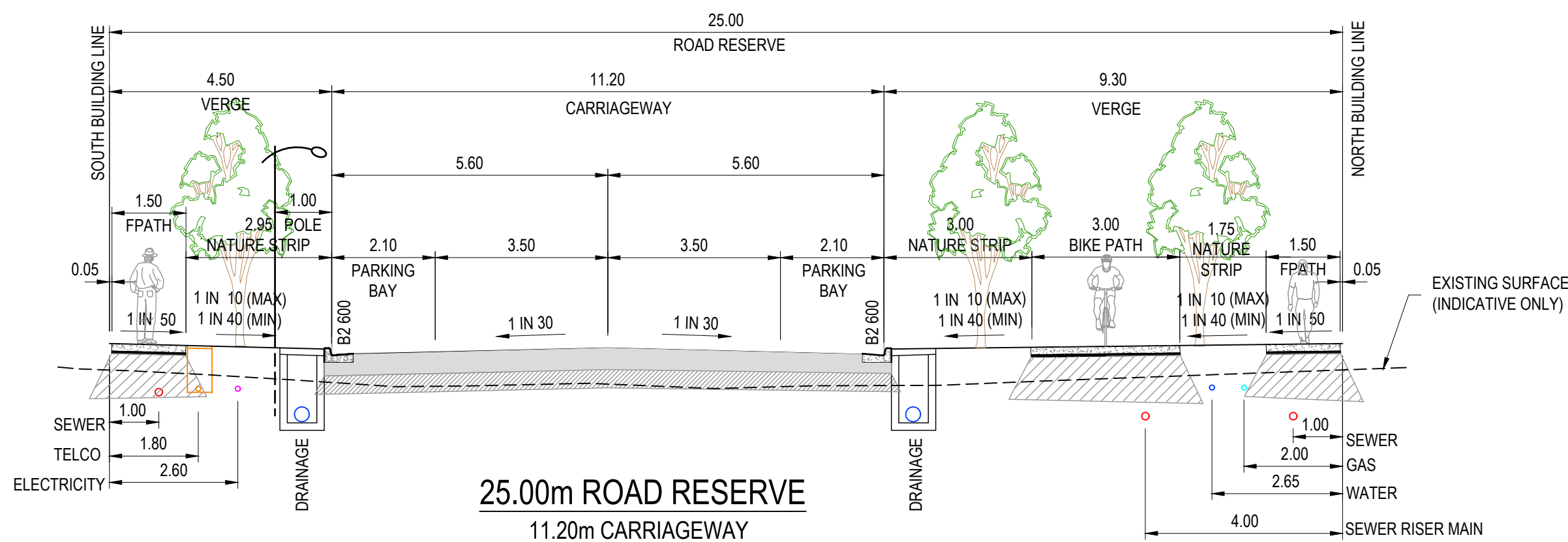
16.00m ROAD RESERVE
7.30m CARRIAGEWAY
WATERMELON VIEW & BLUESTAR GROVE

SECTION C
SCALE 1 : 100
RD04 RD05



16.00m ROAD RESERVE
7.30m CARRIAGEWAY
CORNFLOWER DRIVE

SECTION D
SCALE 1 : 100
RD05



25.00m ROAD RESERVE
11.20m CARRIAGEWAY
WHITECROSS DRIVE

SECTION E
SCALE 1 : 100
RD05

SERVICE OFFSET TABLE

ROAD NAME	ROAD RESERVE WIDTH	TREE	GAS		WATER				ELECTRICITY				COMMUNICATIONS/ NBN				BACK OF KERB	SHARED TRENCHING
					NDW		DW		CABLES		POLES		CABLES		PITS			
			SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET		
WHITECROSS DRIVE	25.00m	Y	N	2.00m	-	-	N	2.65m	S	2.60m	N	1 BOK	S	1.80m	N	1.80m	9.15N/4.35S	DW,G & E,T
CORNFLOWER DRIVE	16.00m	Y	W	1.80m	-	-	W	2.30m	E	2.60m	W	1 BOK	E	1.80m	W	1.80m	4.35W/4.35E	DW,G & E,T
WATERMELON VIEW	16.00m	Y	W	1.80m	-	-	W	2.30m	E	2.60m	W	1 BOK	E	1.80m	W	1.80m	4.35W/4.35E	DW,G & E,T
BLUESTAR GROVE	16.00m	Y	E	1.80m	-	-	E	2.30m	W	2.60m	W	1 BOK	W	1.80m	W	1.80m	4.35W/4.35E	DW,G & E,T
BAYBERRY STREET	16.00m	Y	W	1.80m	-	-	W	2.30m	E	2.60m	E	1 BOK	E	1.80m	E	1.80m	4.35W/4.35E	DW,G & E,T
CRANBERRY CRESCENT	21.80m	Y	S	1.80m	-	-	S	2.30m	N	2.75m	N	1 BOK	N	3.35m	N	4.35m	10.00N/4.5S	DW,G & E,T

1. TELSTRA AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
3. * = OFFSET FROM BACK OF KERB

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

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LEGEND:

- DESIGN CL SURFACE LEVEL
----- EXISTING SURFACE
—— ROAD BOXING
/// SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

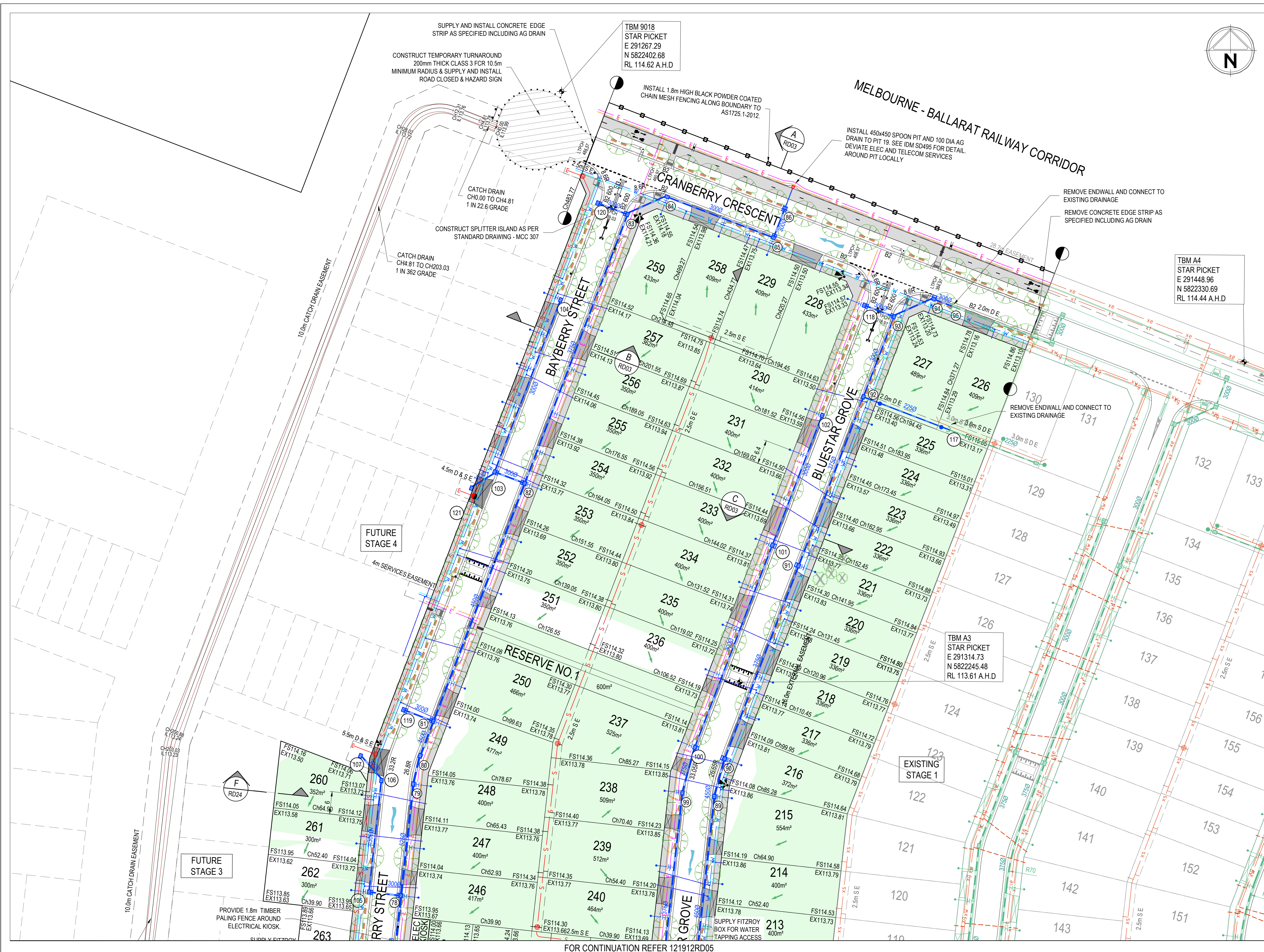


PM	T. BARBOUR	23.08.2023
DESIGNED	S. FALKENSTEIN	23.08.2023
CHECKED	T. BARBOUR	23.08.2023
AUTHORISED	T. BARBOUR	23.08.2023
MELWAYS	344 C7	
POS No.	PS902801L	
STATUS:	CONSTRUCTION	

121912RD03

SHEET No.	3 OF 34
REV.	1

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024



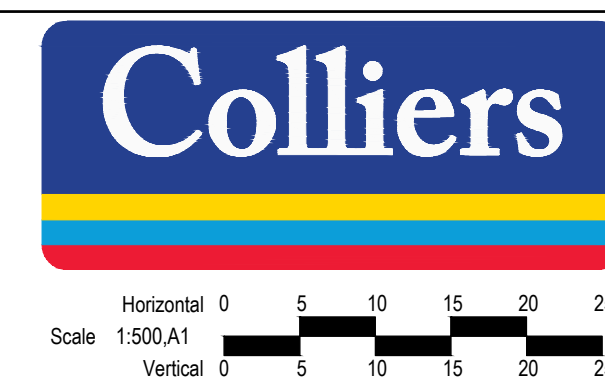
- LEGEND:**
- EXISTING WATER MAIN
 - EXISTING RECYCLED WATER MAIN
 - EXISTING UNDERGROUND ELECTRICITY
 - EXISTING OVERHEAD ELEC & POLE
 - EXISTING TELSTRA & SERVICE PIT
 - EXISTING OPTIC FIBRE
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - EXISTING SEWER & MANHOLE
 - EXISTING SEWER RISING MAIN
 - EXISTING STORMWATER DRAIN & PIT
 - EXISTING HOUSE DRAIN
 - EXISTING SURFACE CONTOUR MINOR
 - EXISTING SURFACE CONTOUR MAJOR
 - EXISTING TOP OF BATTER
 - EXISTING TOE OF BATTER
 - EXISTING KERB
 - EXISTING FOOTPATH
 - EXISTING SURFACE LEVEL
 - EXISTING BUILDING
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EASEMENT
 - KERB & CHANNEL + TYPE
 - CONCRETE EDGE STRIP
 - LIMIT OF ROAD WORKS
 - ALLOTMENT NUMBER
 - ROAD CHAINAGE
 - FINISHED SURFACE LEVEL
 - TOP/TOE OF BATTER LEVEL
 - PROPOSED WATER MAIN
 - PROPOSED RECYCLED WATER MAIN
 - PROPOSED ELECTRICITY
 - PROPOSED TELSTRA
 - PROPOSED OPTIC FIBRE CONDUIT
 - PROPOSED GAS MAIN
 - PROPOSED SEWER
 - PROPOSED SEWER RISING MAIN
 - PROPOSED STORMWATER DRAIN & PIT
 - PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - AUTHORITY DRAIN & PIT
 - PIT NUMBER
 - PROPOSED FOOTPATH
 - PROPOSED DRIVEWAY
 - PROPOSED INDUSTRIAL DRIVEWAY
 - GAS & WATER CONDUIT
 - PROPOSED AG DRAIN & FLUSHER PIT
 - PROPOSED CATCH DRAIN
 - PROPOSED SWALE DRAIN
 - 5 YEAR FLOW ARROW
 - 100 YEAR FLOW ARROW
 - TEMPORARY BENCH MARK (TBM)
 - PROPOSED PERMANENT SURVEY MARK
 - PROPOSED BOLLARD
 - PROPOSED LIGHT & POLE
 - PROPOSED ESTATE FENCE
 - PROPOSED TOP OF BATTER
 - PROPOSED TOE OF BATTER
 - RIDGE / CHANGE OF GRADE
 - PROPOSED SLEEPER RETAINING WALL
 - PROPOSED ROCK RETAINING WALL
 - PASSIVE TREE IRRIGATION PIT
 - EXCAVATION GREATER THAN 300mm
 - FILLING GREATER THAN 300mm
 - CRUSHED ROCK TURNAROUND
 - PROPOSED SHARED PATH
 - PROPOSED BIKE PATH

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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.



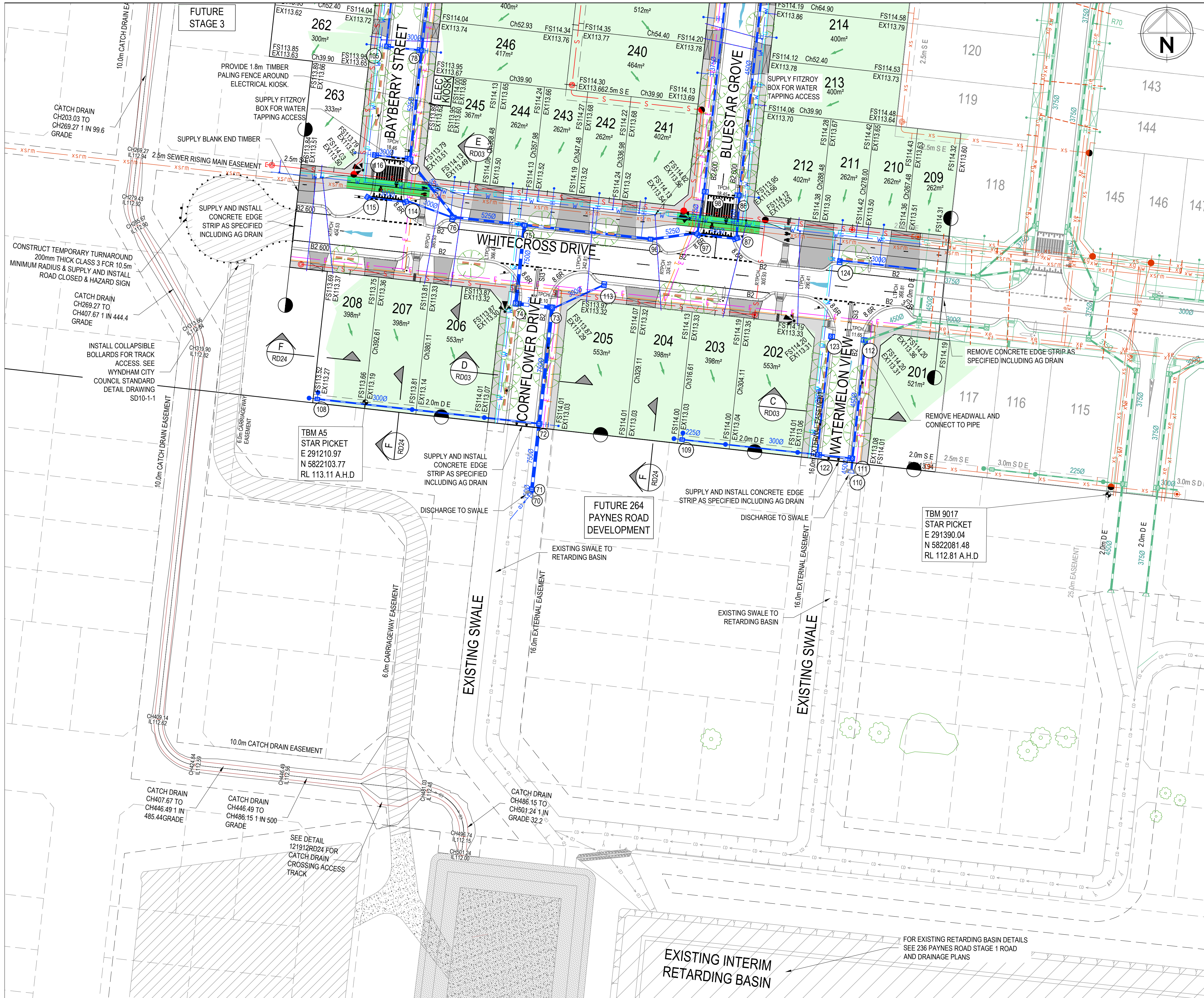
DESIGNED	T. BARBOUR	23.08.2023
CHECKED	S. FALKENSTEIN	23.08.2023
AUTHORISED	T. BARBOUR	23.08.2023
MEASUREMENTS	T. BARBOUR	23.08.2023
STATUS	PS902801L	

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
DETAIL PLAN - 1

CONSTRUCTION 121912RD04

REV. 1

FOR CONTINUATION REFER 121912RD04



LEGEND:

- EXISTING WATER MAIN
- EXISTING RECYCLED WATER MAIN
- EXISTING UNDERGROUND ELECTRICITY
- EXISTING OVERHEAD ELEC & POLE
- EXISTING TELSTRA & SERVICE PIT
- EXISTING OPTIC FIBRE
- EXISTING GAS MAIN
- EXISTING FENCE
- EXISTING SEWER & MANHOLE
- EXISTING SEWER RISING MAIN
- EXISTING STORMWATER DRAIN & PIT
- EXISTING HOUSE DRAIN
- EXISTING SURFACE CONTOUR MINOR
- EXISTING SURFACE CONTOUR MAJOR
- EXISTING TOP OF BATTER
- EXISTING TOE OF BATTER
- EXISTING KERB
- EXISTING FOOTPATH
- EXISTING SURFACE LEVEL
- EXISTING BUILDING
- EXISTING SIGN AND POST
- EXISTING PERMANENT SURVEY MARK
- ROAD RESERVE
- LOT BOUNDARY
- EASEMENT
- KERB & CHANNEL + TYPE
- CONCRETE EDGE STRIP
- LIMIT OF ROAD WORKS
- ALLOTMENT NUMBER
- ROAD CHAINAGE
- FINISHED SURFACE LEVEL
- TOPTOE OF BATTER LEVEL
- PROPOSED WATER MAIN
- PROPOSED RECYCLED WATER MAIN
- PROPOSED ELECTRICITY
- PROPOSED TELSTRA
- PROPOSED OPTIC FIBRE CONDUIT
- PROPOSED GAS MAIN
- PROPOSED SEWER
- PROPOSED SEWER RISING MAIN
- PROPOSED STORMWATER DRAIN & PIT
- PROPOSED HOUSE DRAIN
- PROPOSED DRAINAGE INLET
- PROPOSED SWALE
- PROPOSED SWALE DRAIN
- 5 YEAR FLOW ARROW
- 100 YEAR FLOW ARROW
- TEMPORARY BENCH MARK (TBM)
- PROPOSED PERMANENT SURVEY MARK
- PROPOSED BOLLARD
- PROPOSED LIGHT & POLE
- PROPOSED ESTATE FENCE
- PROPOSED TOP OF BATTER
- PROPOSED TOE OF BATTER
- PROPOSED RIDGE / CHANGE OF GRADE
- PROPOSED SLEEPER RETAINING WALL
- PROPOSED ROCK RETAINING WALL
- PASSIVE TREE IRRIGATION PIT
- EXCAVATION GREATER THAN 300mm
- FILLING GREATER THAN 300mm
- CRUSHED ROCK TURNAROUND
- PROPOSED SHARED PATH
- PROPOSED BIKE PATH

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

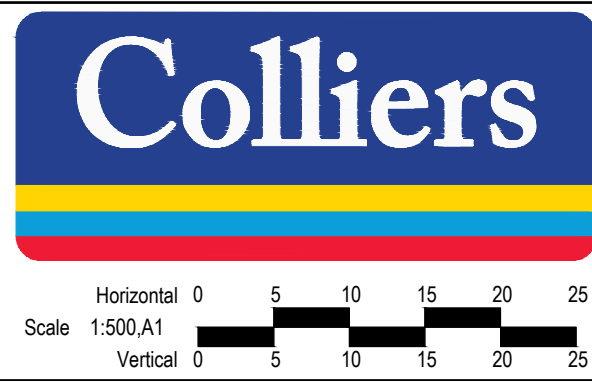
NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
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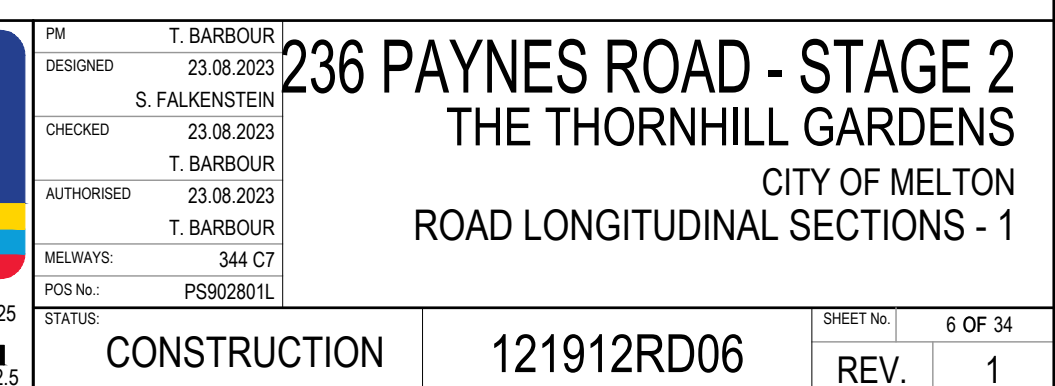
PM	T. BARBOUR
DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELBOURNE	344 C7
STATUS	PS902801L

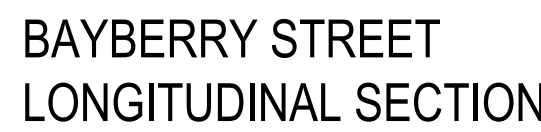
236 PAYNES ROAD - STAGE 2	
THE THORNHILL GARDENS	
CITY OF MELTON	
DETAIL PLAN - 2	
CONSTRUCTION	121912RD05
REV.	1



NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

LEGEND:	
	DESIGN CL SURFACE LEVEL
	LEFT DESIGN LIP OF KERB
	RIGHT DESIGN LIP OF KERB
	EXISTING RIGHT BUILDING LINE
	EXISTING LEFT BUILDING LINE
	EXISTING SURFACE





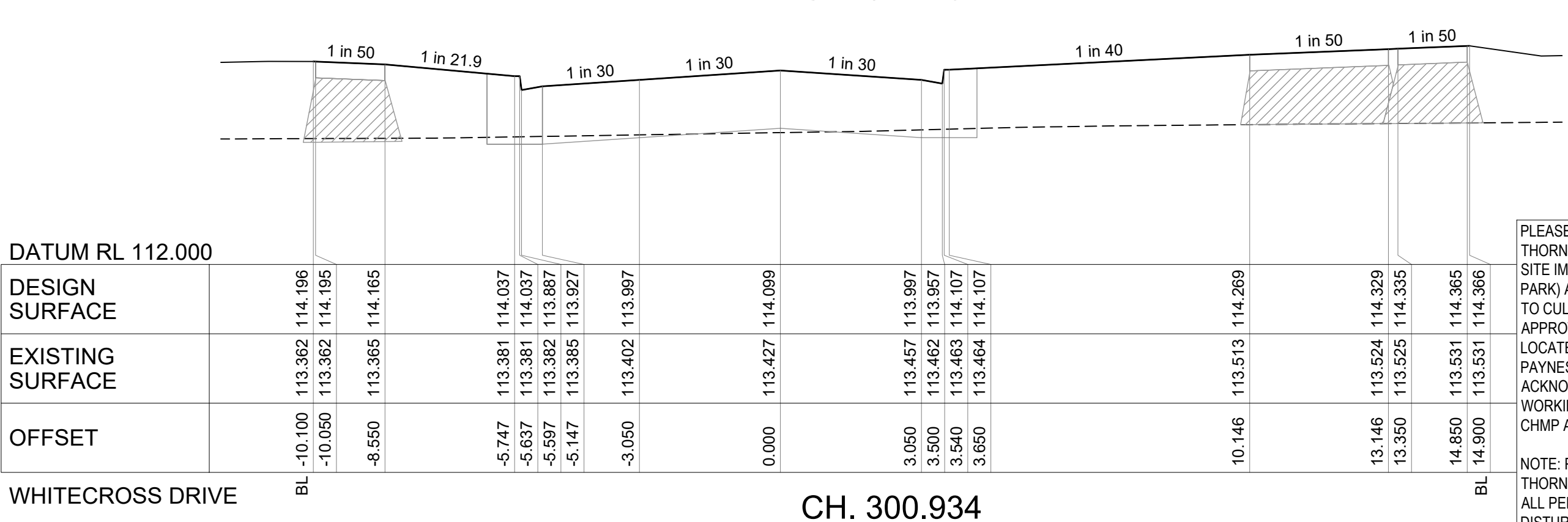
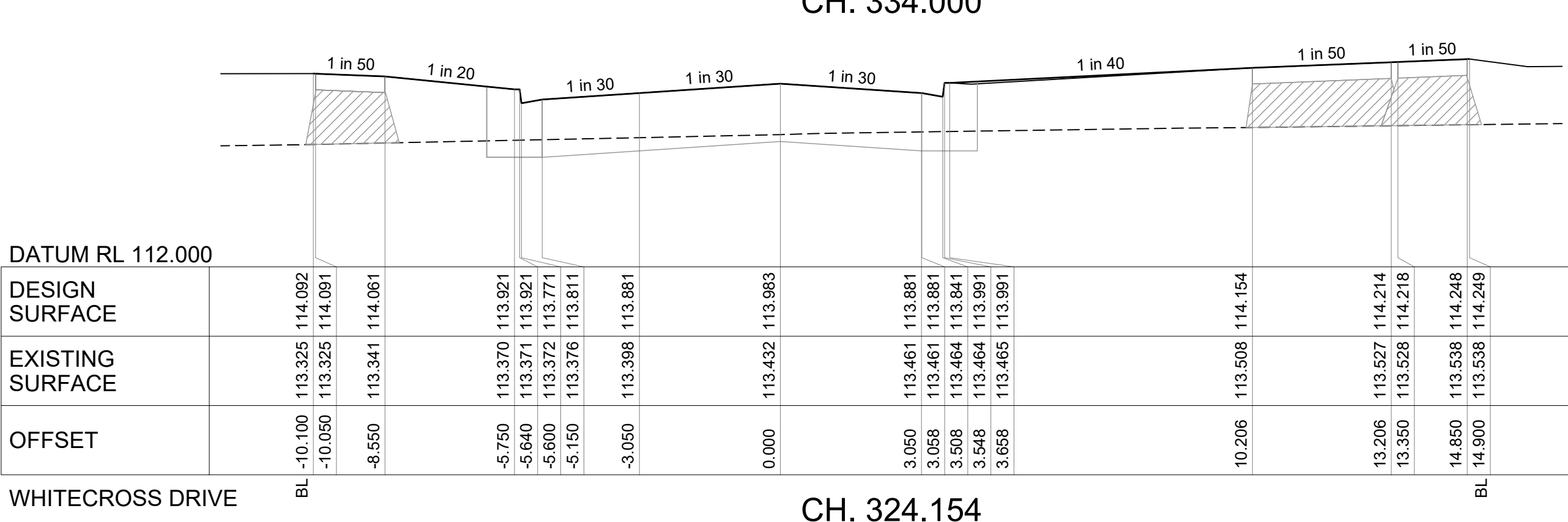
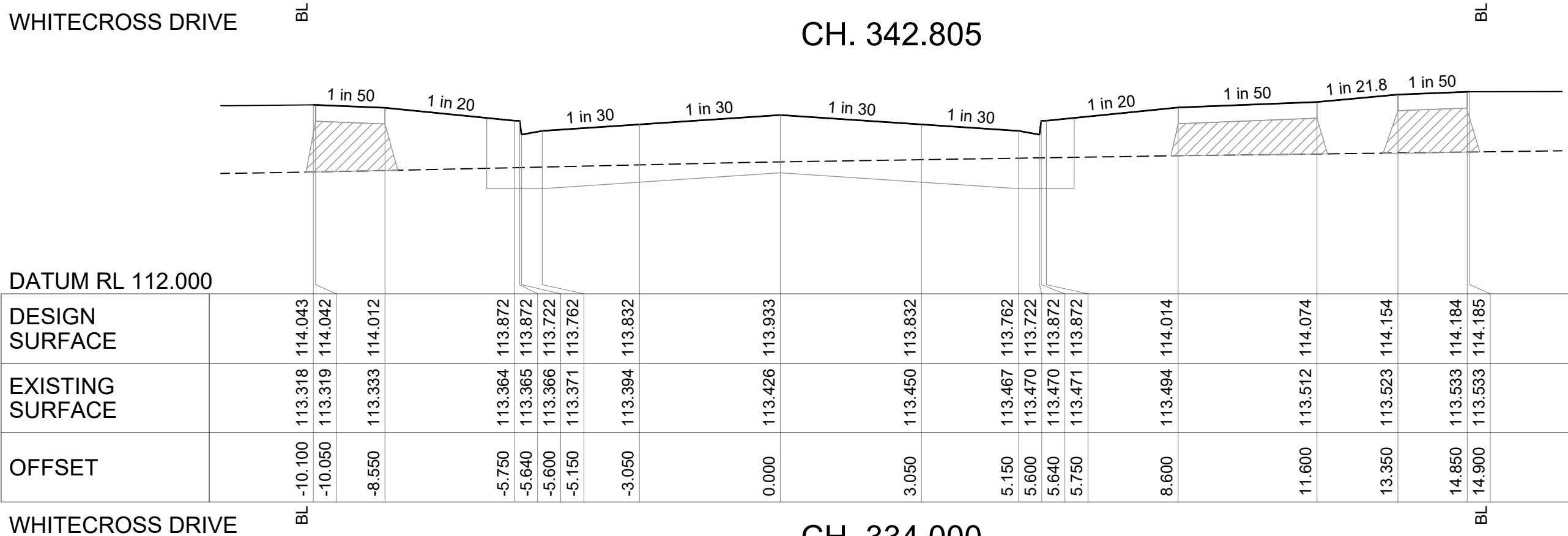
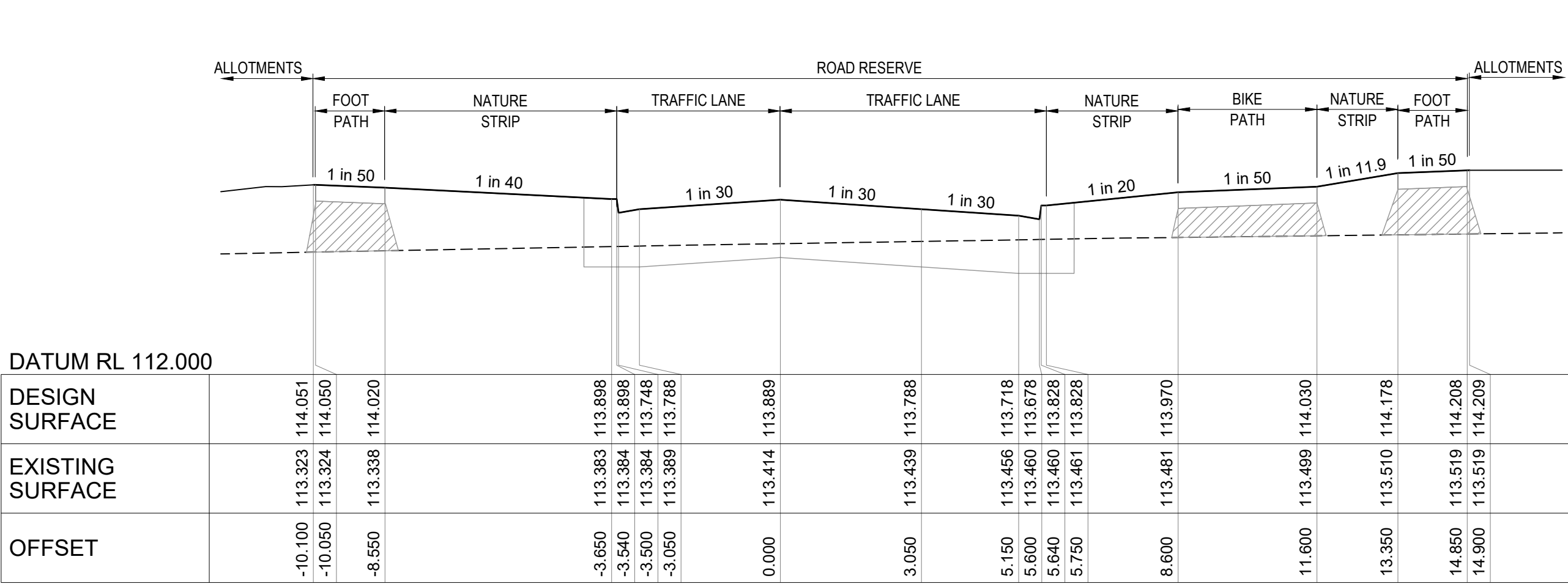
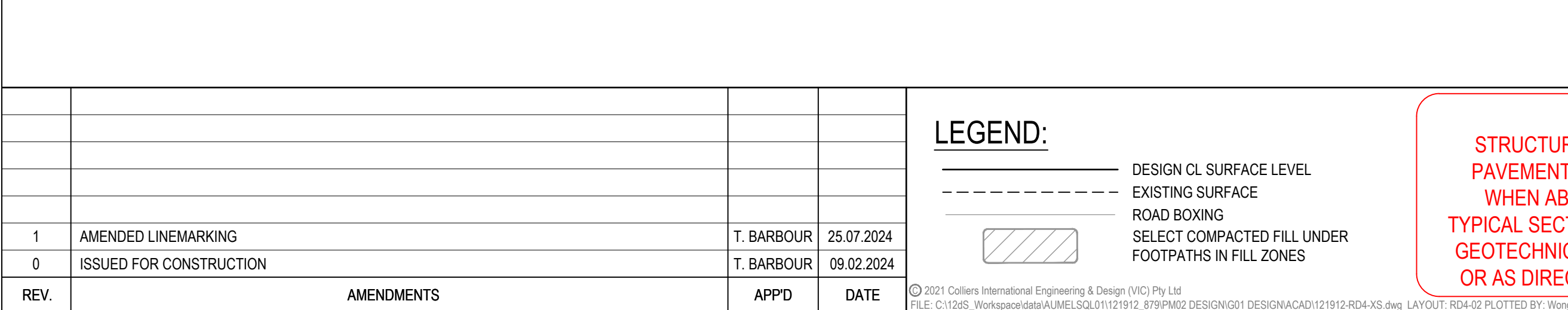
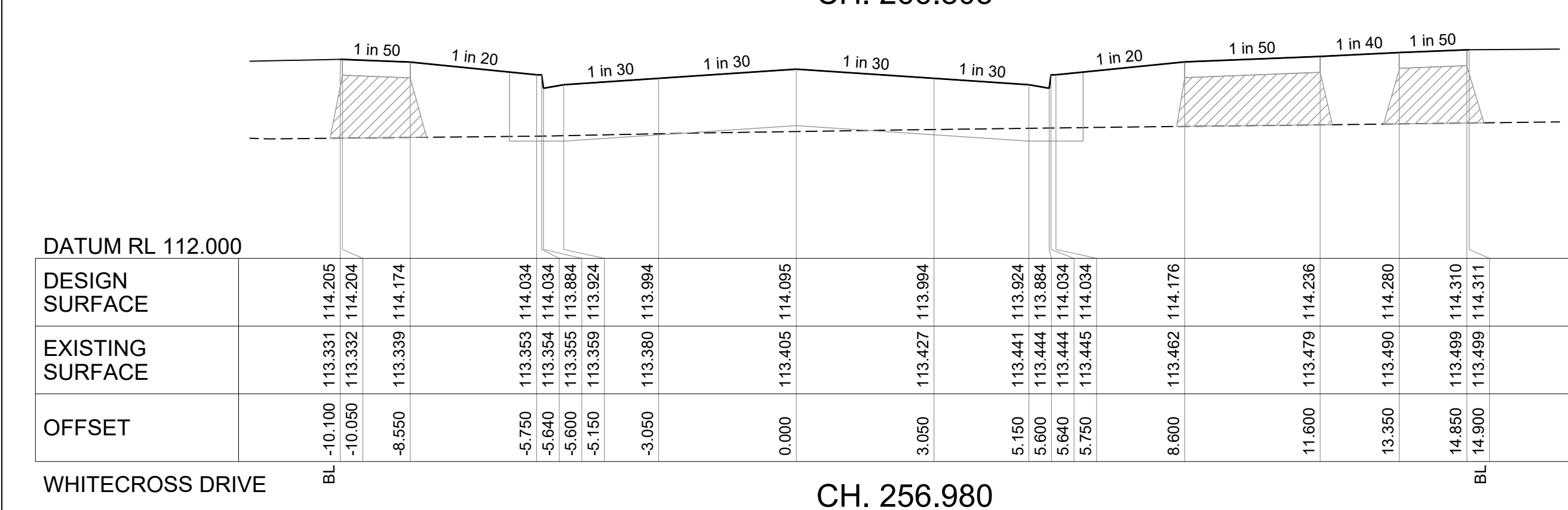
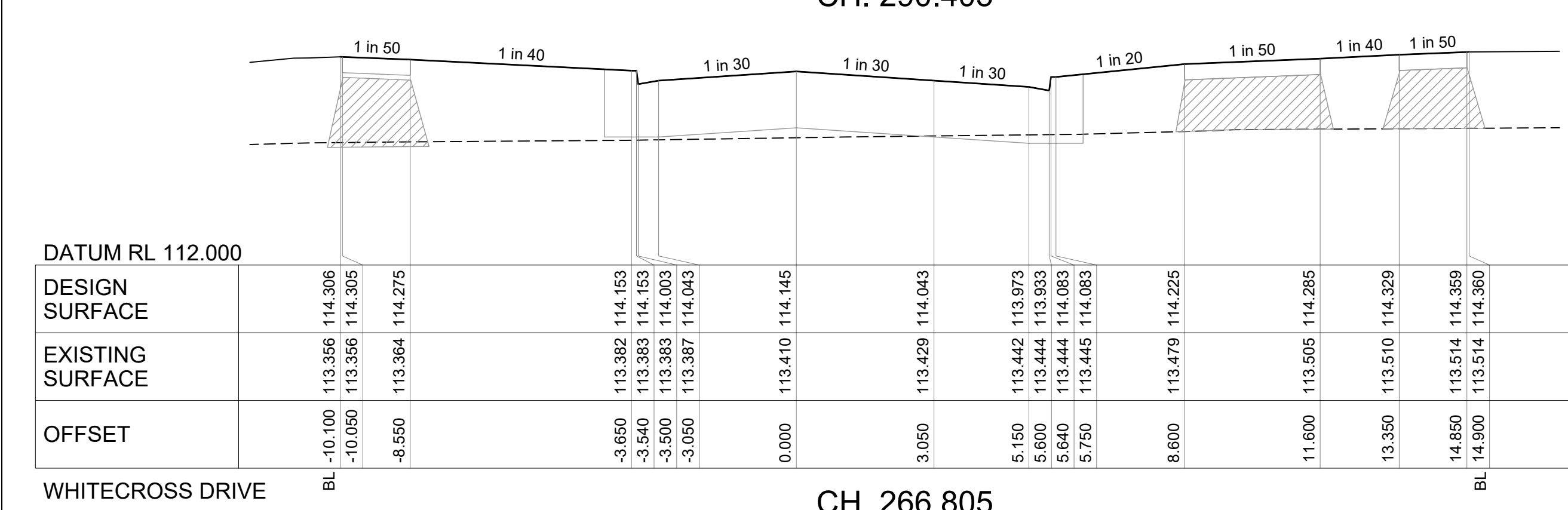
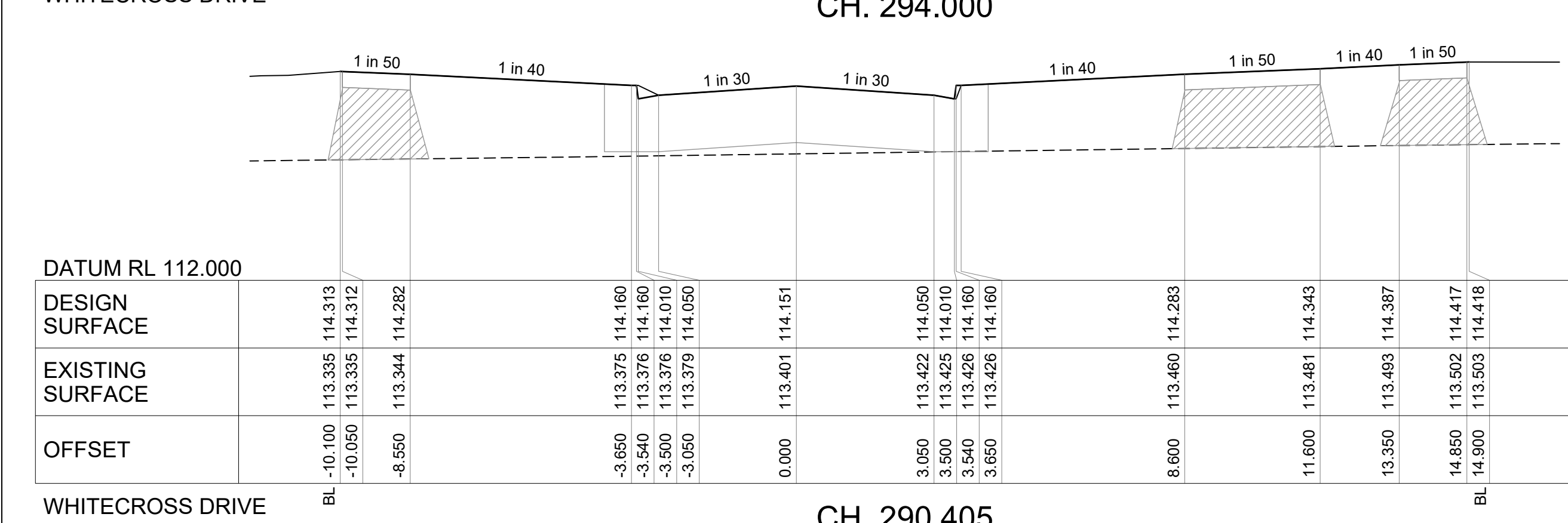
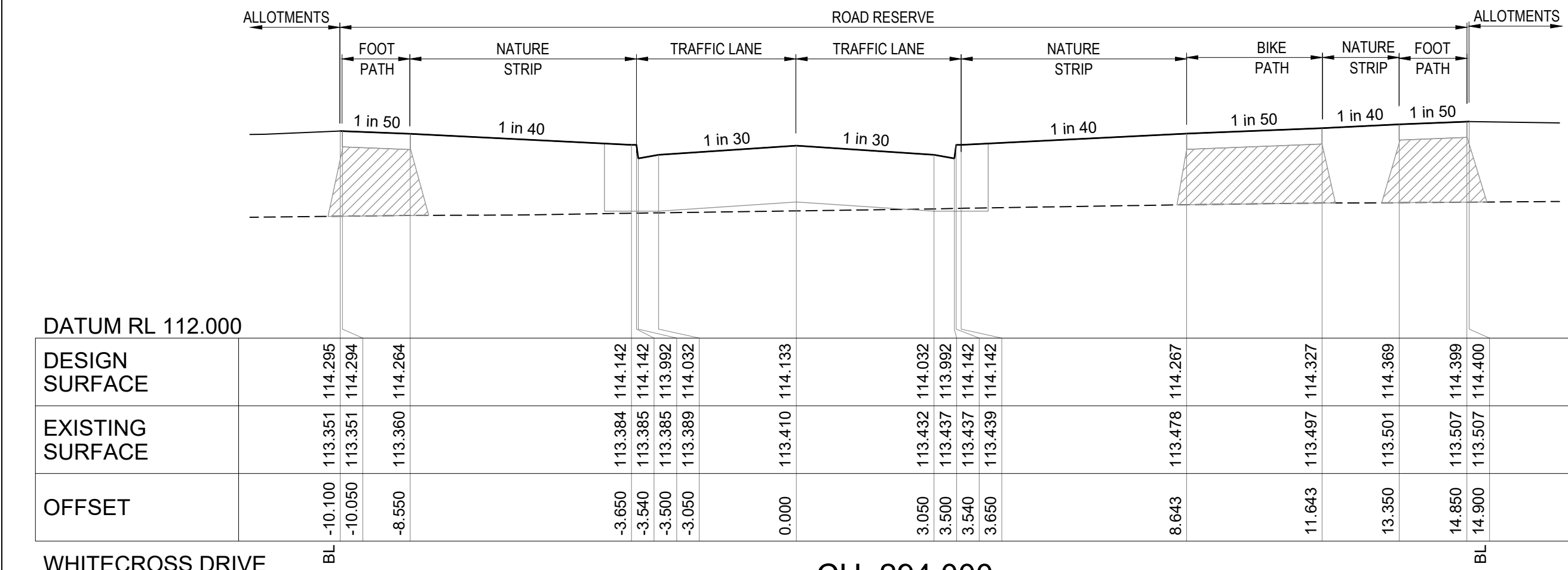
NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

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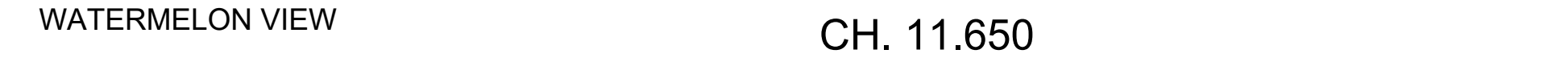
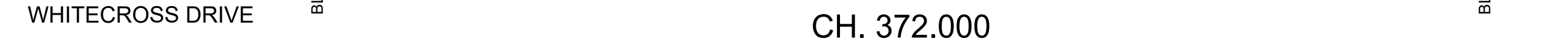
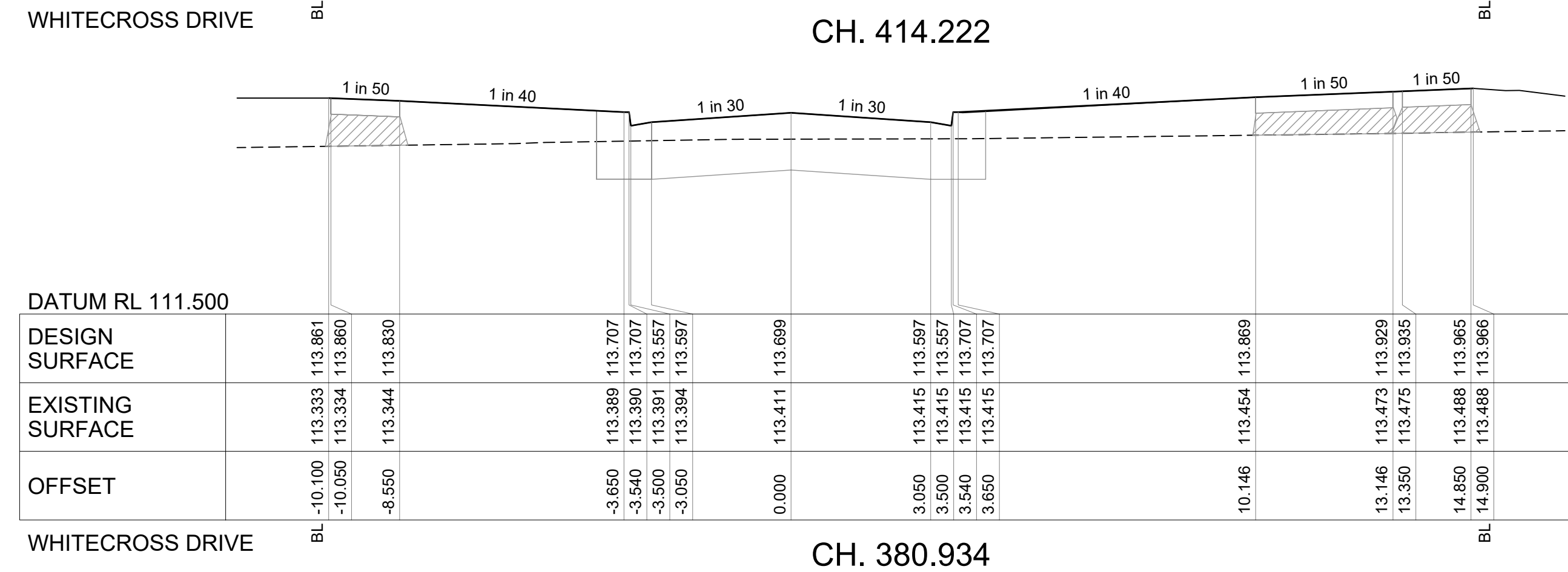


121912RD07

SHEET No.	7 OF 34
REV.	1






PLEASE NOTE: WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLED

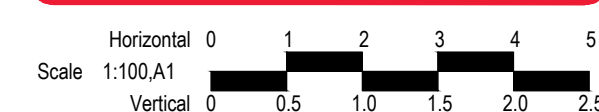


NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024
REV.	AMENDMENTS	APPD	DATE

 DESIGN CL SURFACE LEVEL
 EXISTING SURFACE
 ROAD BOXING
 SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

NOTE
STRUCTURAL FILL TO BE PLACED UNDER
PAVEMENT AND FOOTPATH AS REQUIRED
WHEN ABOVE NATURAL SURFACE (SEE
TYPICAL SECTIONS ON 121912RD03). REFER TO
GEOTECHNICAL REPORT FOR SPECIFICATION
OR AS DIRECTED BY THE SUPERINTENDENT.



PM	T. BARBOUR
DESIGNED	23.08.2023 S. FALKENSTEIN
CHECKED	23.08.2023 T. BARBOUR
AUTHORISED	23.08.2023 T. BARBOUR
MELWAYS:	344 C7C
POS No.:	PS9028011

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
ROAD CROSS SECTIONS - 2

US: CONSTRUCTION

121912RD09

REV.	1
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236 PAYNES ROAD - STAGE 2

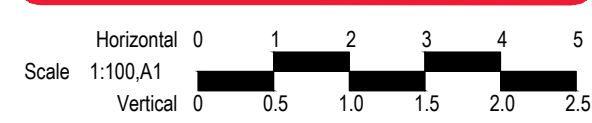
THE THORNHILL GARDENS

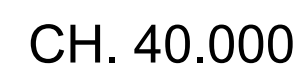
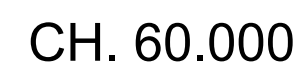
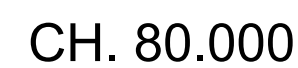
CITY OF MELTON

ROAD CROSS SECTIONS - 3

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T: RD4-04 PLOTTED BY: Wong, James PLOT DATE: 25/7/2024 11:05 PM









236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
ROAD CROSS SECTIONS - 4

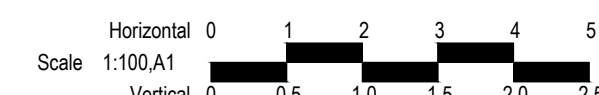
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HEET No.	11 OF 34
REV	1

REV	1
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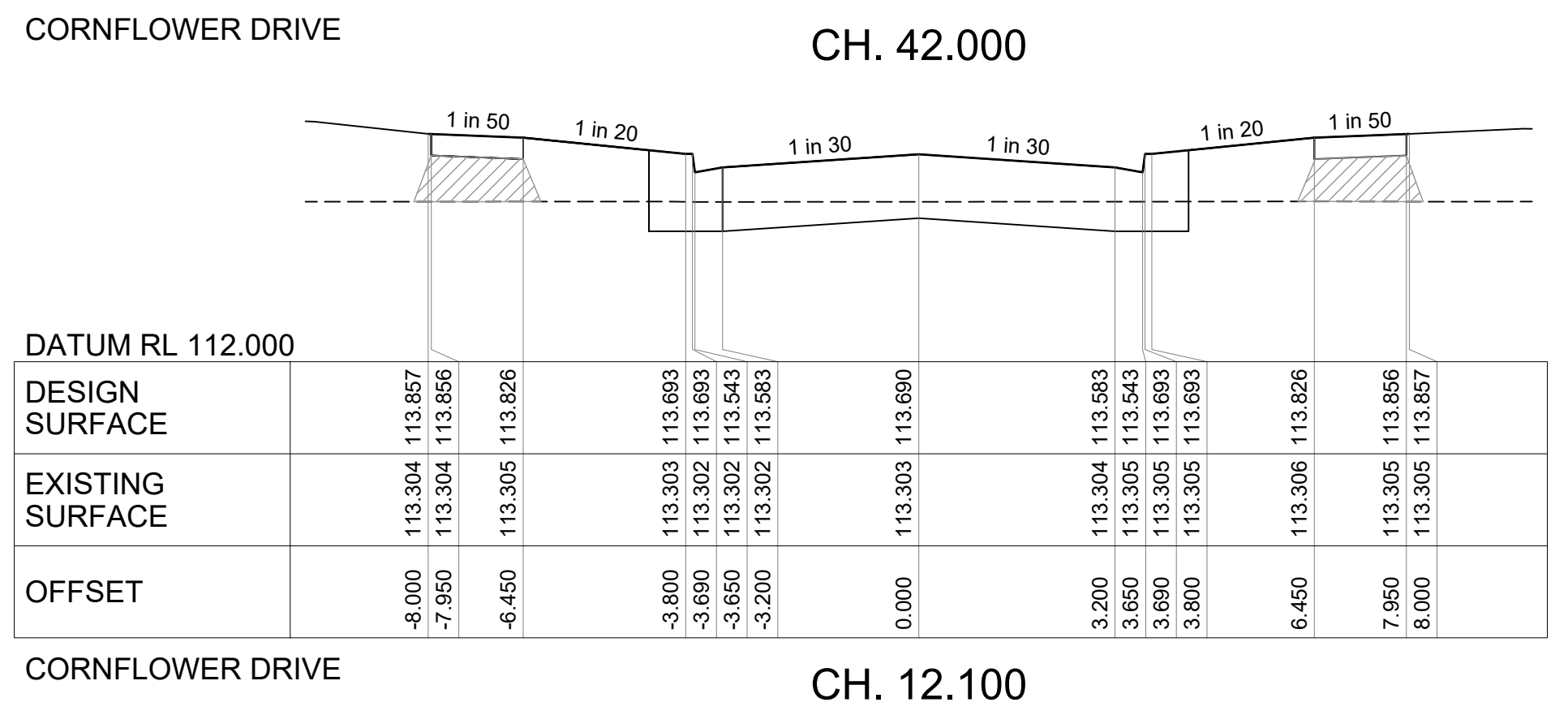
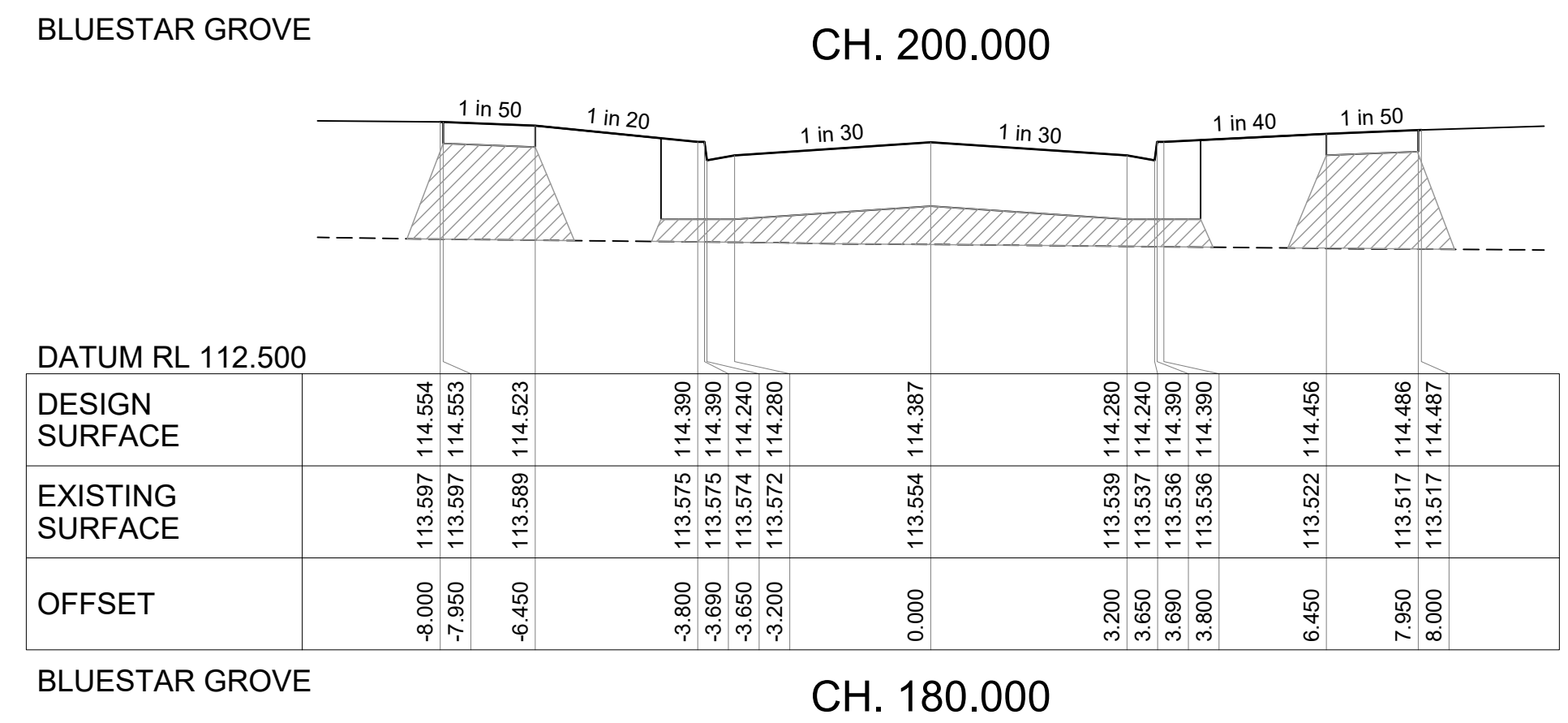
	DESIGN CL SURFACE LEVEL
	EXISTING SURFACE
	ROAD BOXING
	SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

NOTE
STRUCTURAL FILL TO BE PLACED UNDER
PAVEMENT AND FOOTPATH AS REQUIRED
WHEN ABOVE NATURAL SURFACE (SEE
TYPICAL SECTIONS ON 121912RD03). REFER TO
GEOTECHNICAL REPORT FOR SPECIFICATION
OR AS DIRECTED BY THE SUPERINTENDENT.



PM	T. BARBOUR
DESIGNED	23.08.2023 S. FALKENSTEIN
CHECKED	23.08.2023 T. BARBOUR
AUTHORISED	23.08.2023 T. BARBOUR
MELWAYS:	344 C7

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36 PAYNES ROAD - STAGE 2

THE THORNHILL GARDENS

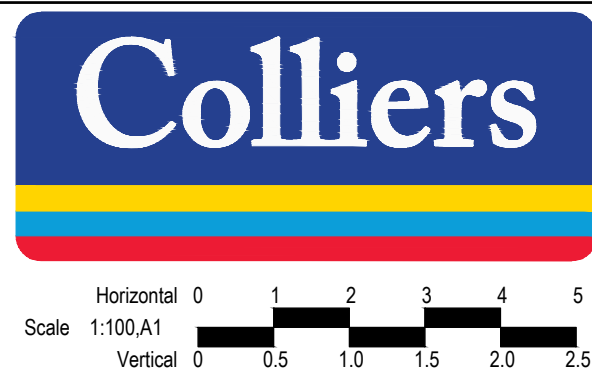
CITY OF MELTON

ROAD CROSS SECTIONS - 5

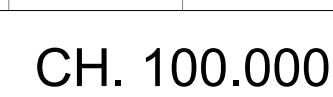
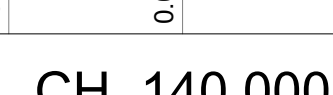
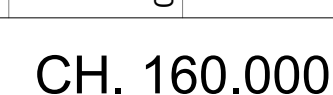
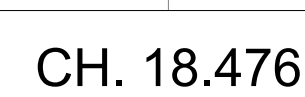
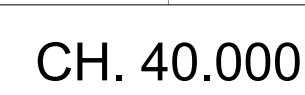
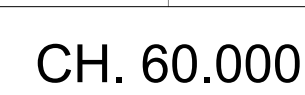
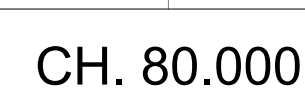
LEGEND:

	DESIGN CL SURFACE LEVEL
	EXISTING SURFACE
	ROAD BOXING
	SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES



NOTE
STRUCTURAL FILL TO BE PLACED UNDER
PAVEMENT AND FOOTPATH AS REQUIRED
WHEN ABOVE NATURAL SURFACE (SEE
TYPICAL SECTIONS ON 121912RD03). REFER TO
GEOTECHNICAL REPORT FOR SPECIFICATION
OR AS DIRECTED BY THE SUPERINTENDENT.



PM DESIGNED	T. BARBOUR 23.08.2023	<div>236 PAYNES ROAD - STAGE 2</div> <div>THE THORNHILL GARDENS</div> <div>CITY OF MELTON</div> <div>ROAD CROSS SECTIONS - 5</div>	
CHECKED	S. FALKENSTEIN 23.08.2023		
AUTHORISED	T. BARBOUR 23.08.2023		
MELWAYS:	T. BARBOUR 344 C7		
POS No.	PS9028018		
STATUS:	CONSTRUCTION	121912RD12	SHEET No. 12 OF 34 REV. 1



NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

 DESIGN CL SURFACE LEVEL
 EXISTING SURFACE
 ROAD BOXING
 SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

NOTE
STRUCTURAL FILL TO BE PLACED UNDER
PAVEMENT AND FOOTPATH AS REQUIRED
WHEN ABOVE NATURAL SURFACE (SEE
TYPICAL SECTIONS ON 121912RD03). REFER TO
GEOTECHNICAL REPORT FOR SPECIFICATION
OR AS DIRECTED BY THE SUPERINTENDENT.

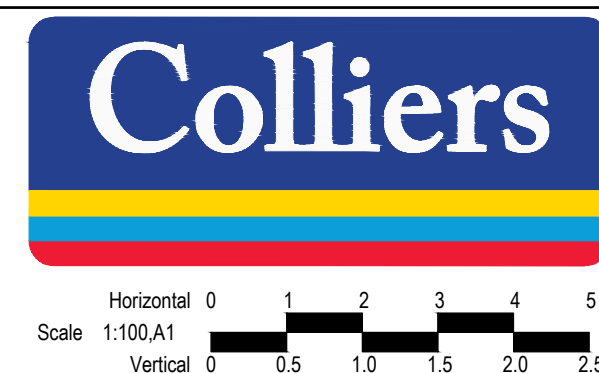


236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
ROAD CROSS SECTIONS - 7

LEGEND:

	DESIGN CL. SURFACE LEVEL
	EXISTING SURFACE
	ROAD BOXING
	SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

NOTE
STRUCTURAL FILL TO BE PLACED UNDER
PAVEMENT AND FOOTPATH AS REQUIRED
WHEN ABOVE NATURAL SURFACE (SEE
TYPICAL SECTIONS ON 121912RD03). REFER TO
GEOTECHNICAL REPORT FOR SPECIFICATION
OR AS DIRECTED BY THE SUPERINTENDENT.

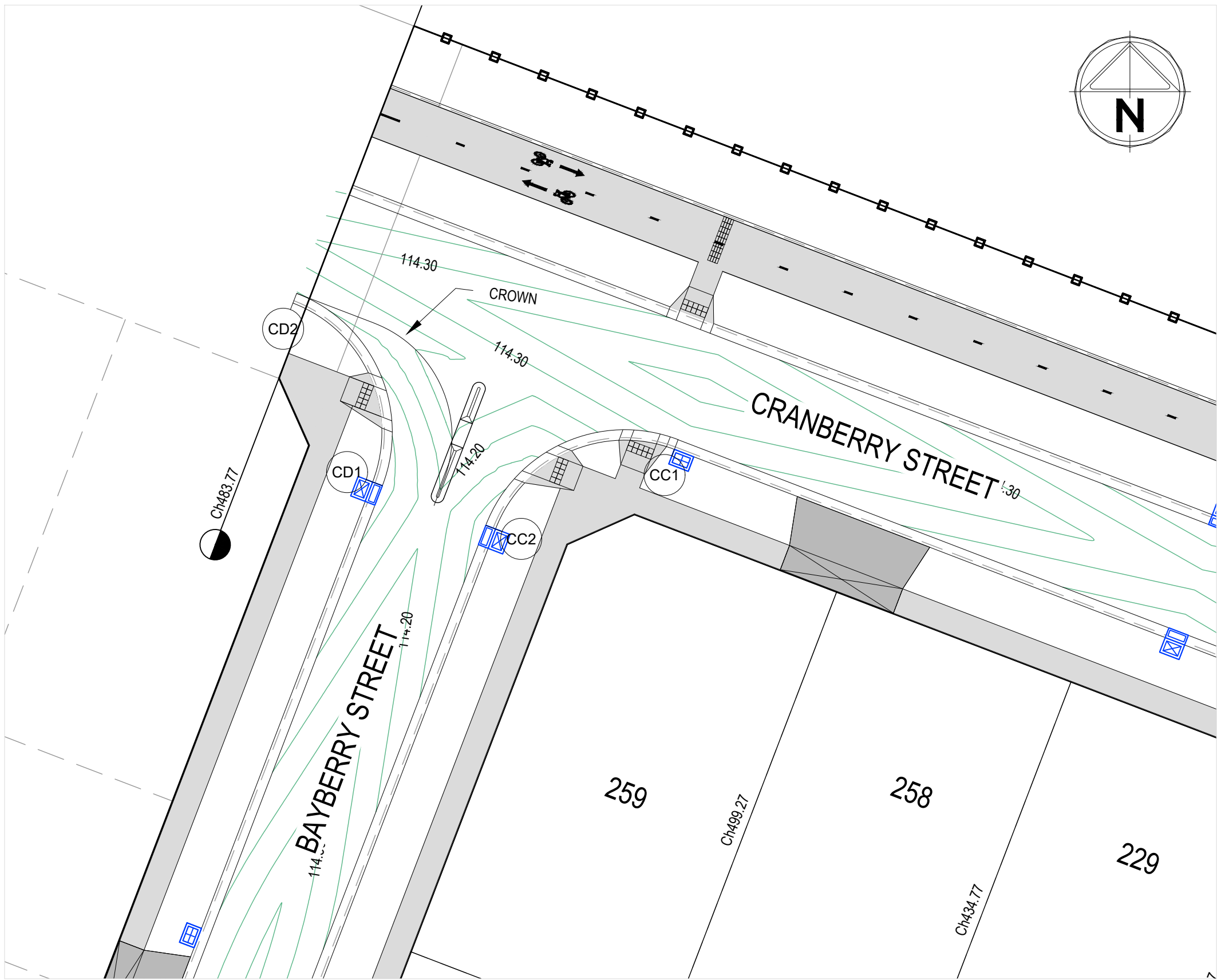


PM	T. BARBOUR
DESIGNED	23.08.2023 S. FALKENSTEIN
CHECKED	23.08.2023 T. BARBOUR
AUTHORISED	23.08.2023 T. BARBOUR
MELWAYS:	344 C7

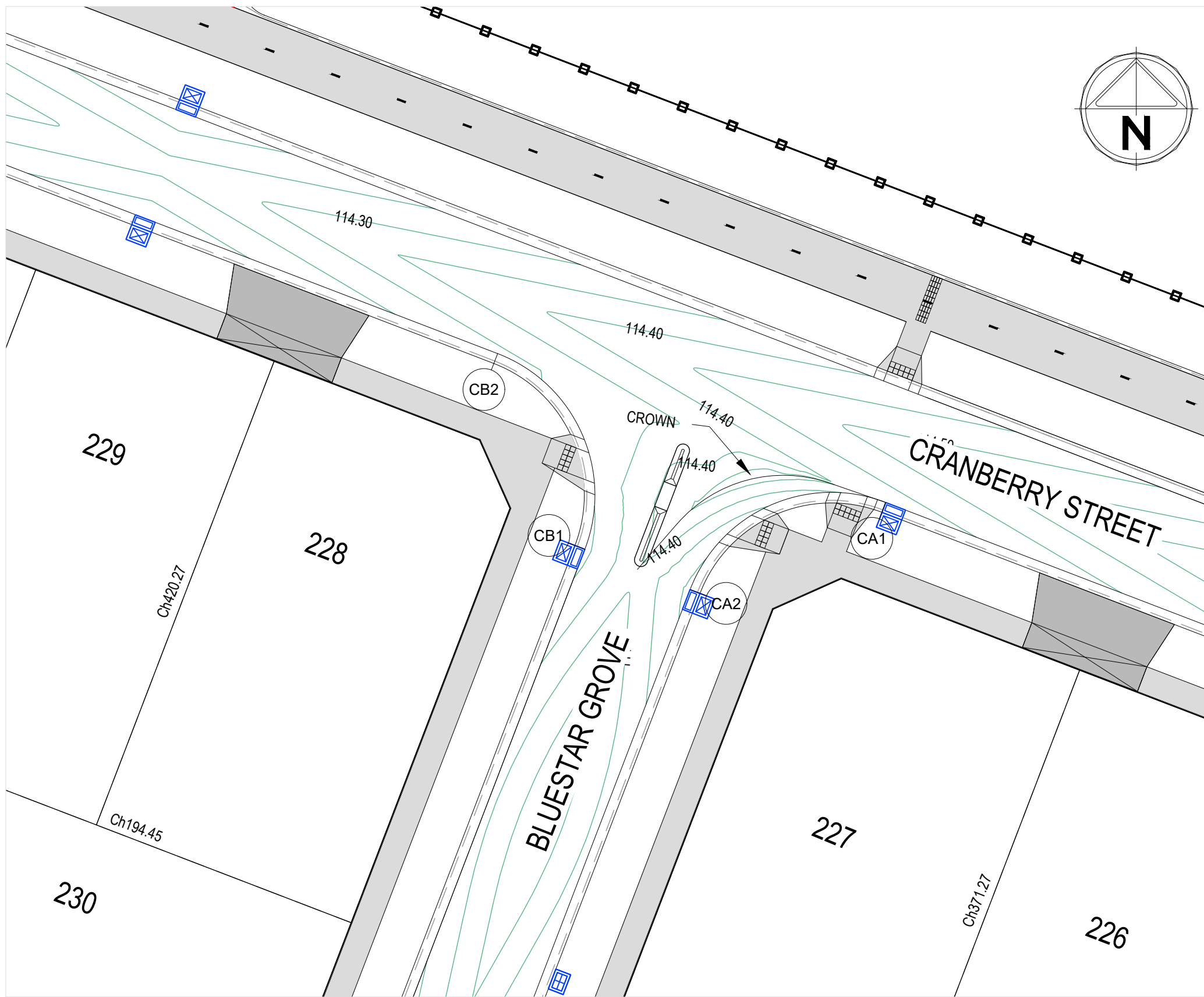
CONSTRUCTION

121912RD14

SHEET No.	14 OF 34
REV.	1



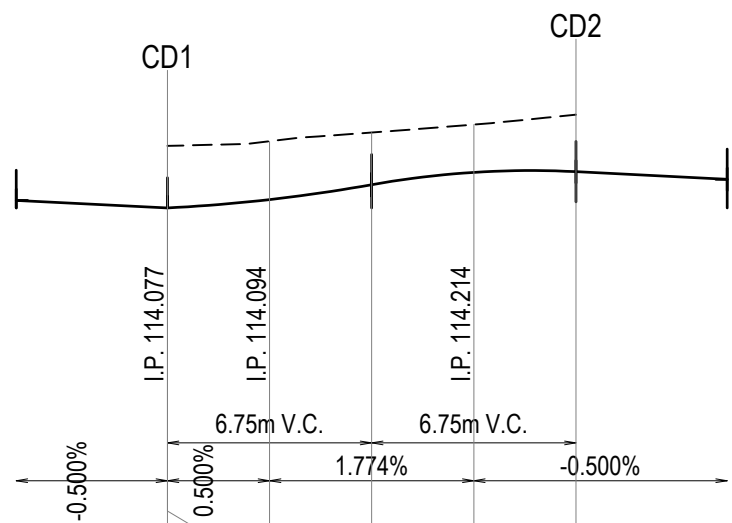
INTERSECTION DETAIL
BAYBERRY STREET & CRANBERRY STREET



INTERSECTION DETAIL
BLUESTAR GROVE & CRANBERRY STREET

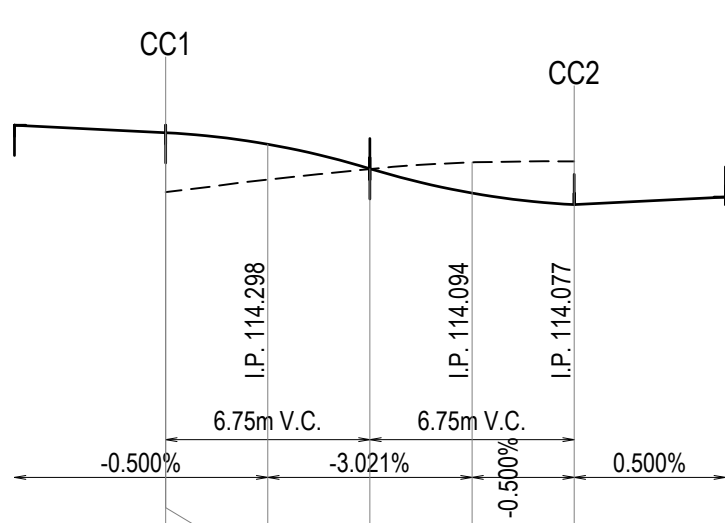
PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



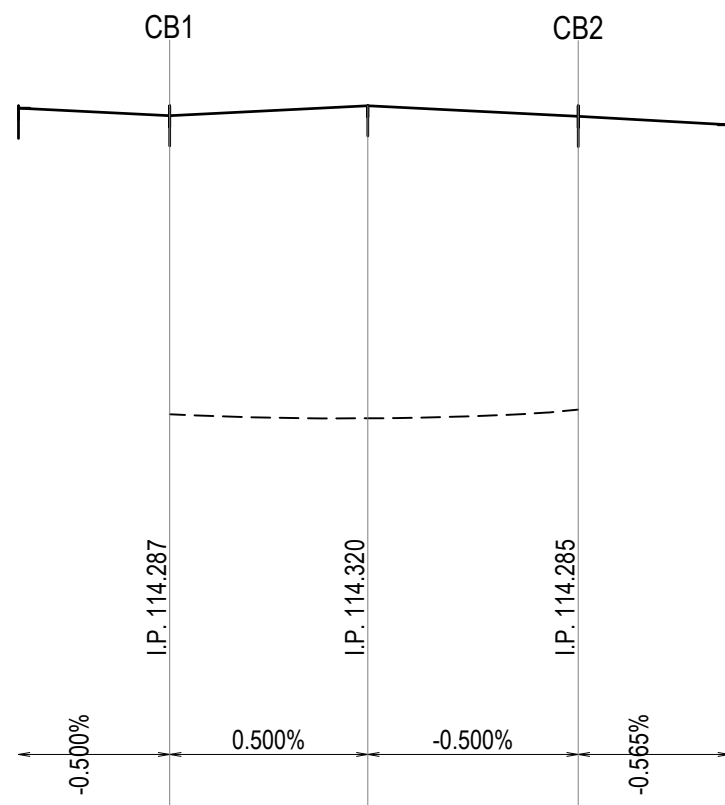
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KERB CD
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SCALE 1:25 V



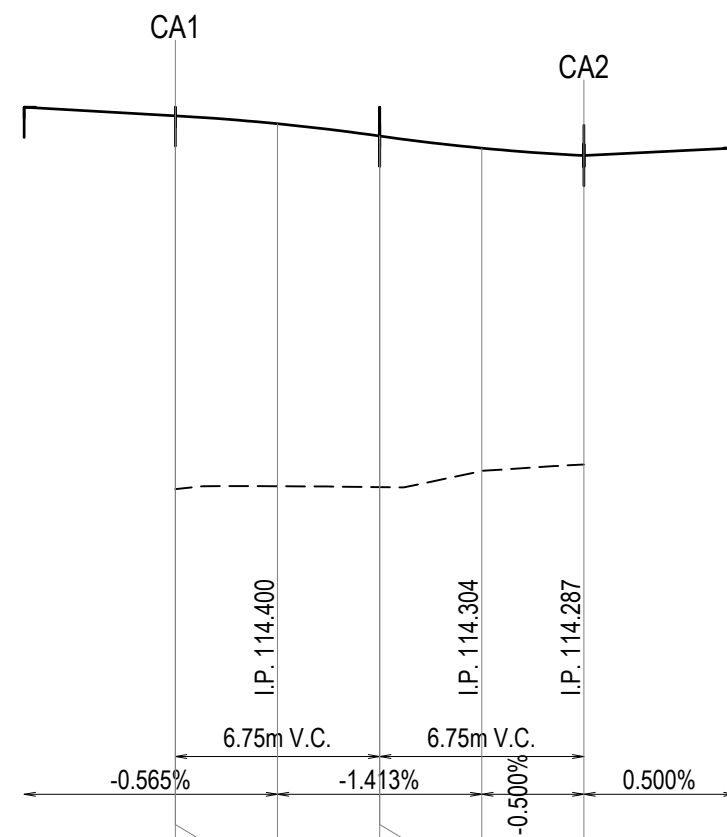
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DESIGN CL SURFACE LEVEL		114.315	114.315	114.277	114.196	114.115
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CHAINAGE (m)		0.000	3.377	6.754	10.132	13.509

KERB CC
SCALE 1:250 H
SCALE 1:25 V



DATUM 112						
DESIGN CL SURFACE LEVEL		114.287	114.320	114.285		
EXISTING SURFACE LEVEL		113.300	113.286	113.315		
CHAINAGE (m)		0.000	6.552	13.509		

KERB CB
SCALE 1:250 H
SCALE 1:25 V



DATUM 112						
DESIGN CL SURFACE LEVEL		114.419	114.419	114.393	114.392	114.312
EXISTING SURFACE LEVEL		113.184	113.184	113.194	113.191	113.244
CHAINAGE (m)		0.000	3.377	6.754	10.132	13.509

KERB CA
SCALE 1:250 H
SCALE 1:25 V

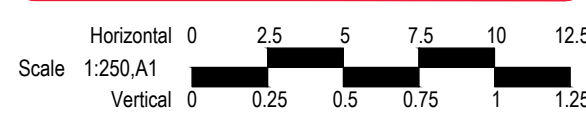
REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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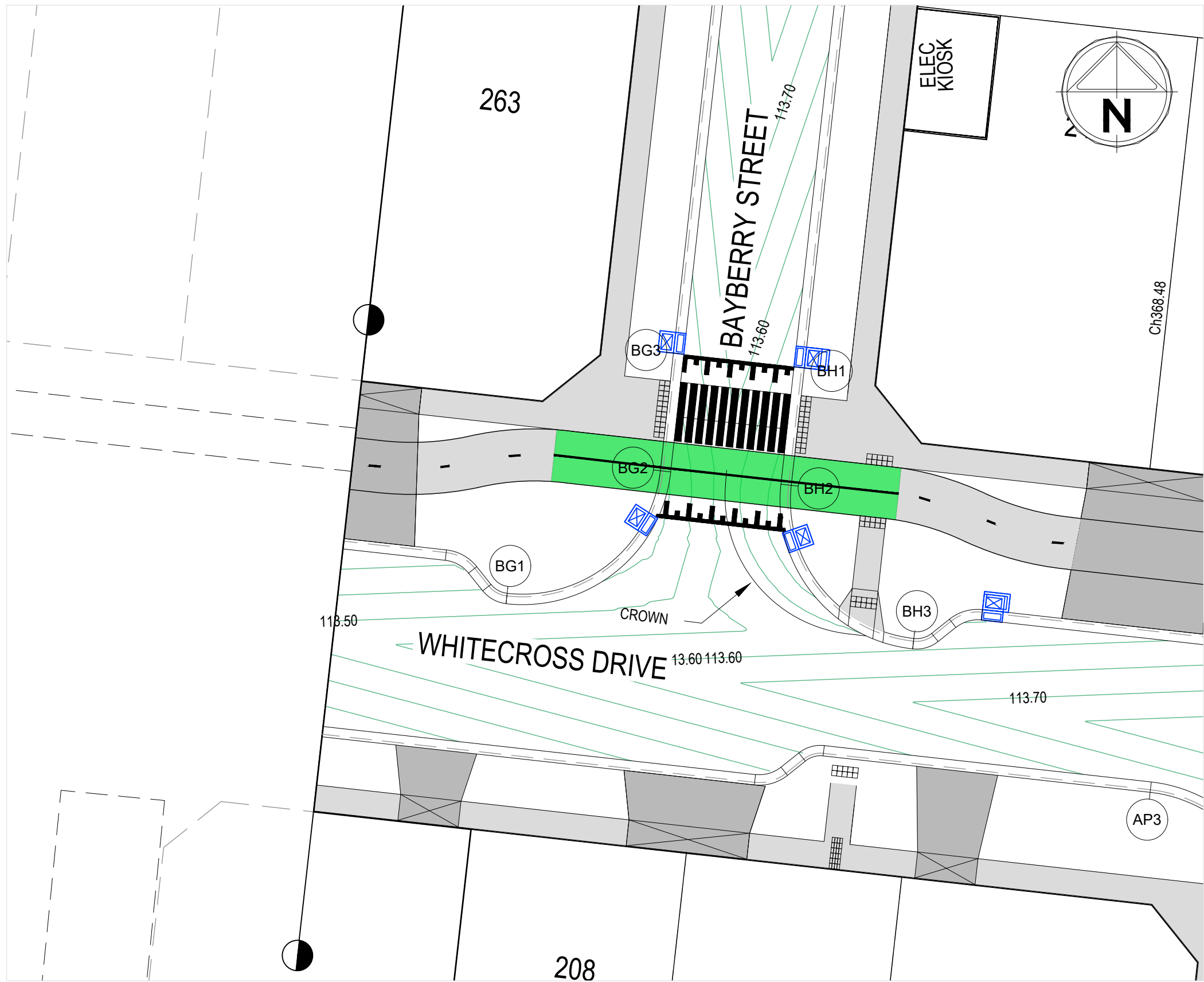


PM	T. BARBOUR
DESIGNED	23.08.2023
CHECKED	23.08.2023
AUTHORISED	23.08.2023
MELWAYS	344 C7
STATUS	PS902801L

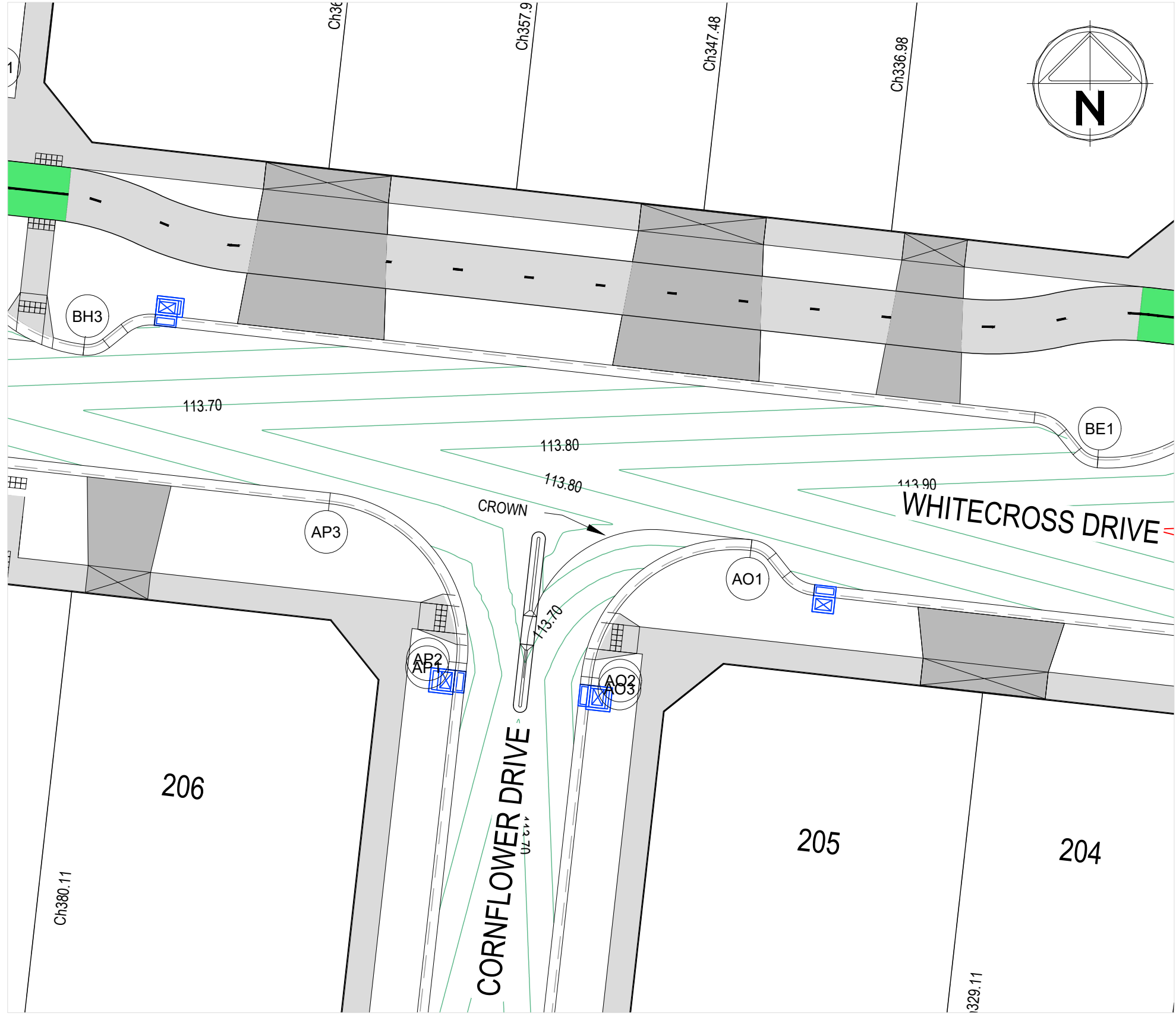
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
INTERSECTION DETAILS - 1



CONSTRUCTION	121912RD15	SHEET No.	15 OF 34
REV.	1		



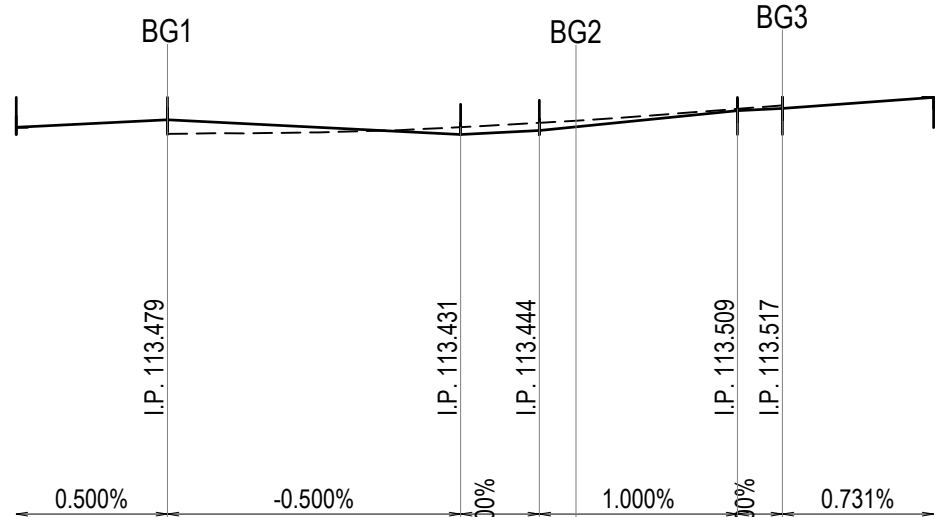
INTERSECTION DETAIL
WHITECROSS DRIVE & BAYBERRY STREET



INTERSECTION DETAIL
CORNFLOWER DRIVE & WHITECROSS DRIVE

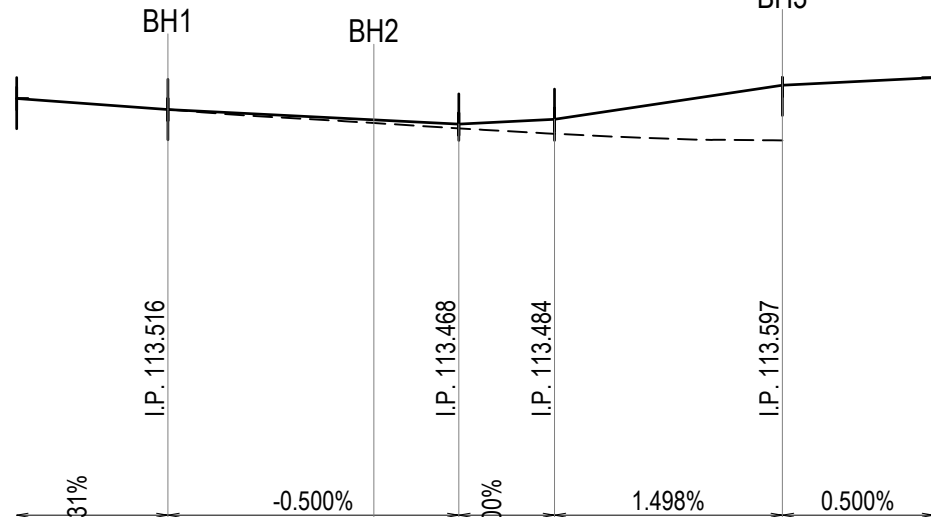
PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



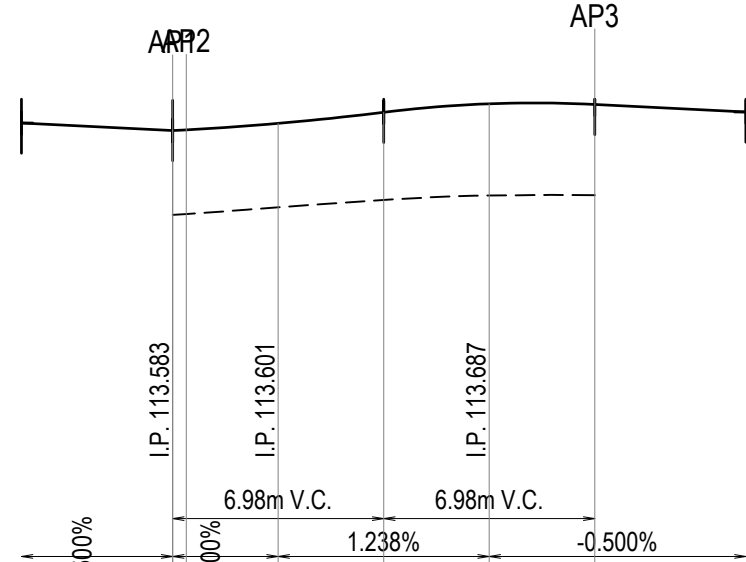
DATUM 112	
DESIGN CL SURFACE LEVEL	113.479
EXISTING SURFACE LEVEL	113.432
CHAINAGE (m)	0.000

KERB BG



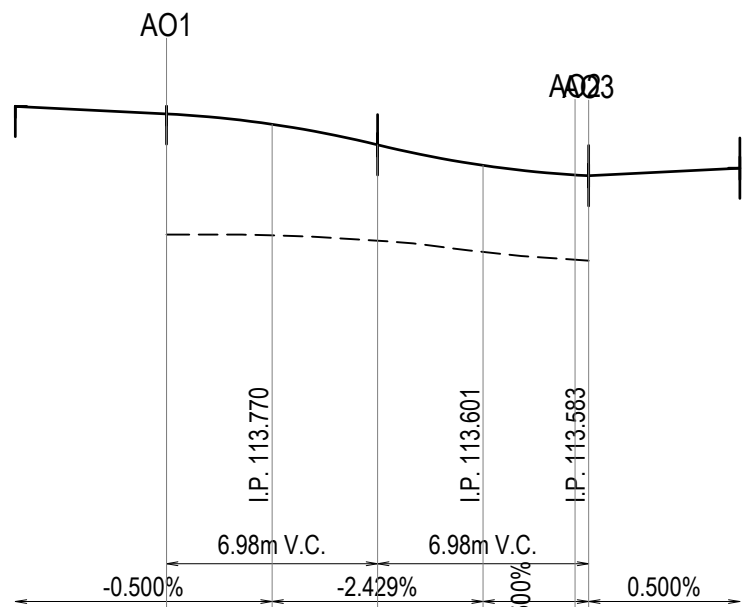
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DESIGN CL SURFACE LEVEL	113.516
EXISTING SURFACE LEVEL	113.517
CHAINAGE (m)	0.000

KERB BH



DATUM 112	
DESIGN CL SURFACE LEVEL	113.583
EXISTING SURFACE LEVEL	113.304
CHAINAGE (m)	0.000

KERB AP

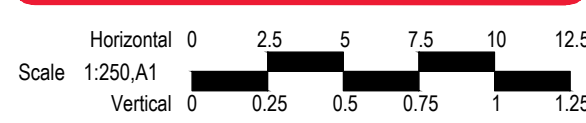


DATUM 112	
DESIGN CL SURFACE LEVEL	113.788
EXISTING SURFACE LEVEL	113.788
CHAINAGE (m)	0.000

KERB AO

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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PM	T. BARBOUR
DESIGNED	23.08.2023
CHECKED	23.08.2023
AUTHORISED	23.08.2023
MELWAYS	344 C7
POS No.	PS902801L

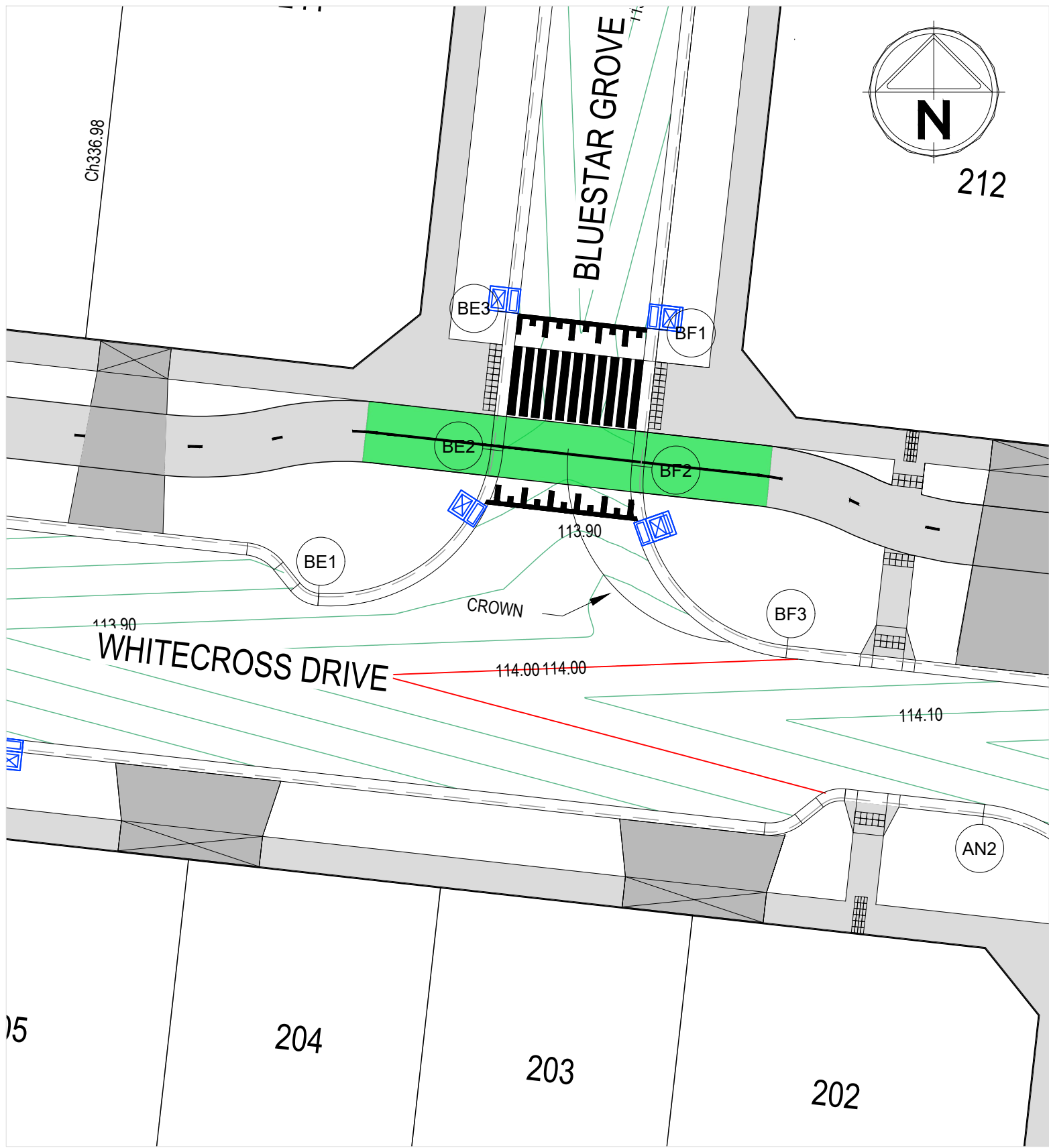
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
INTERSECTION DETAILS - 2

CONSTRUCTION

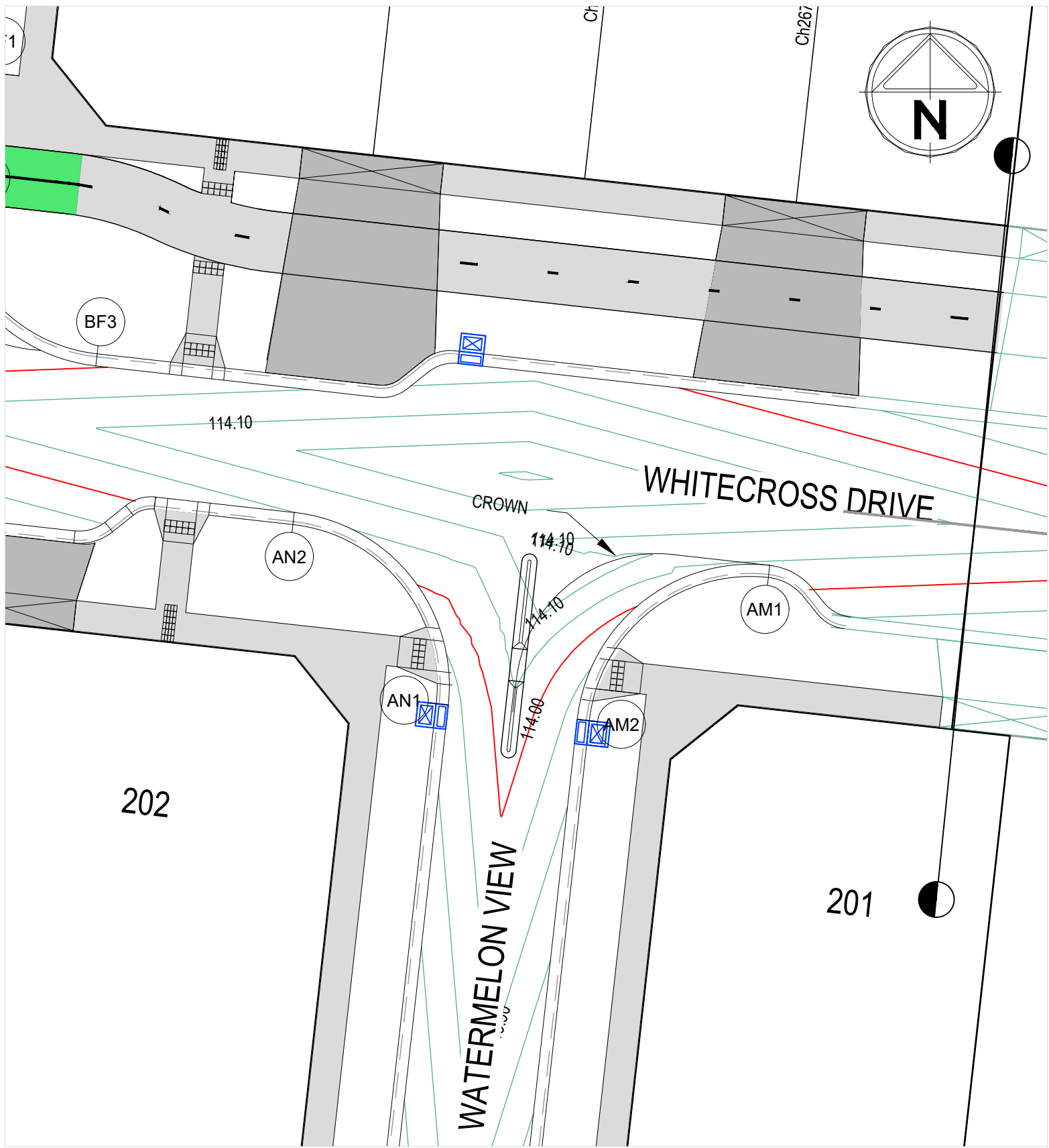
121912RD16

REV. 1

SHEET No. 16 OF 34



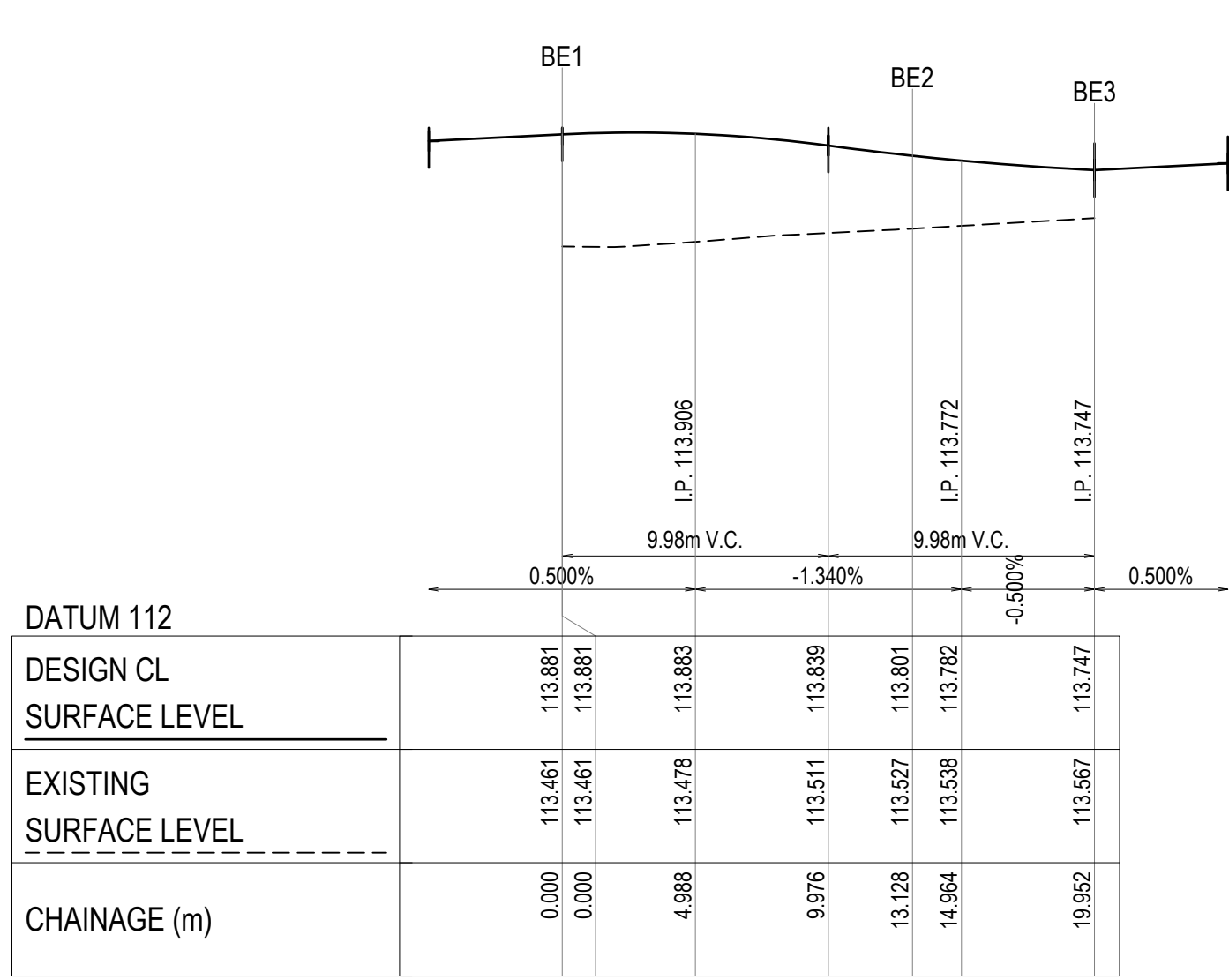
INTERSECTION DETAIL
WHITECROSS DRIVE & BLUESTAR GROVE



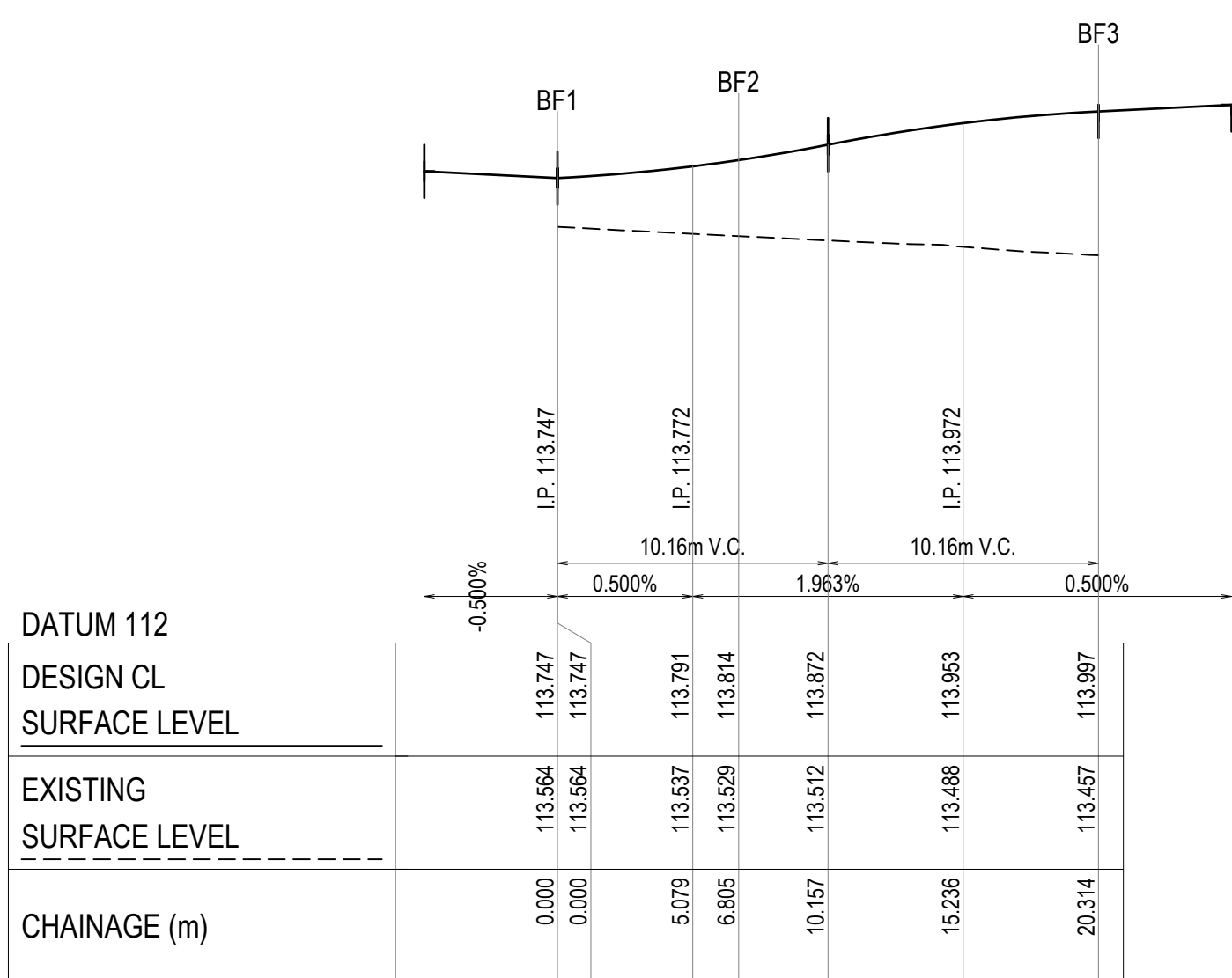
INTERSECTION DETAIL
WHITECROSS DRIVE & WATERMELON VIEW

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

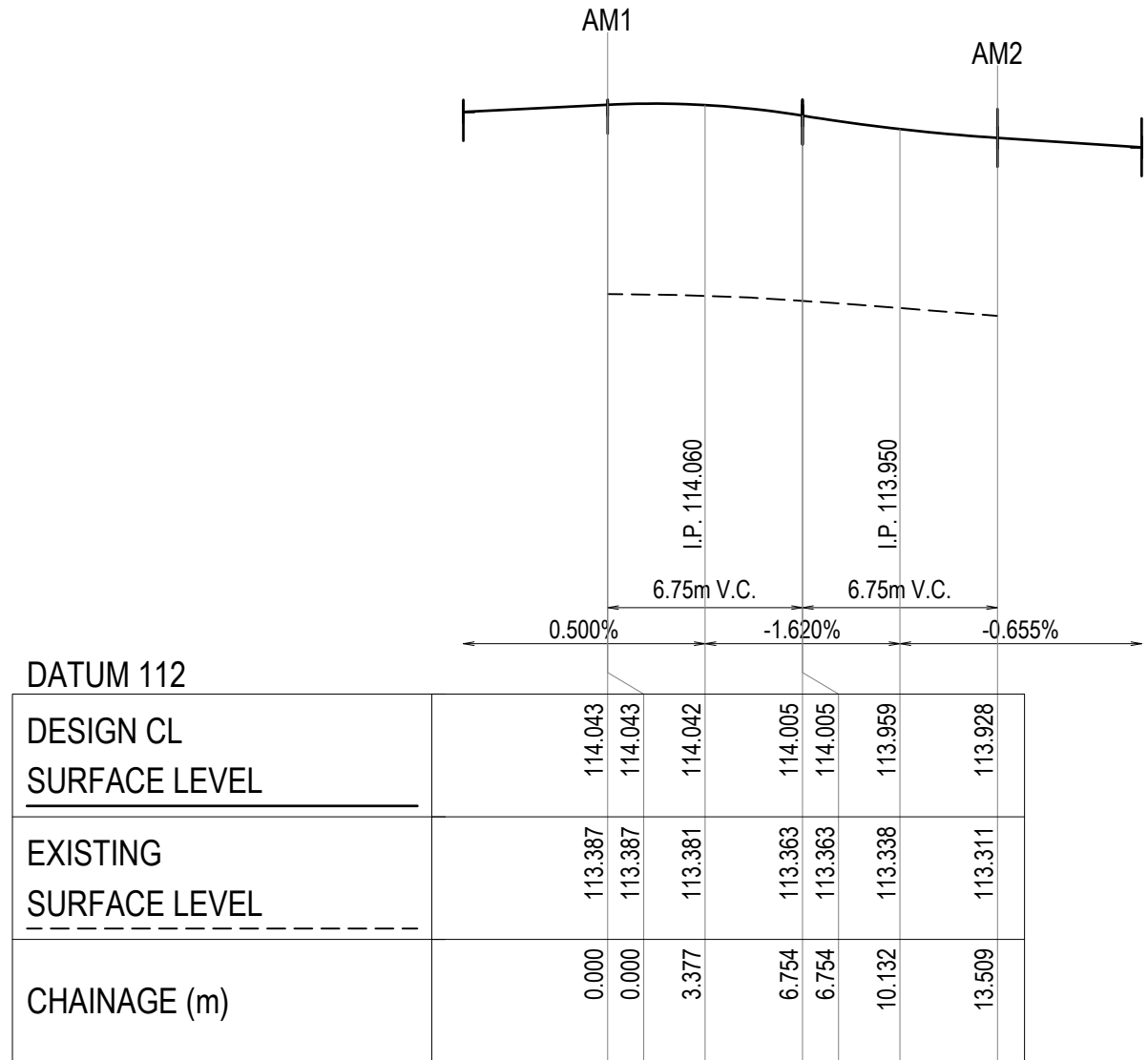
NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



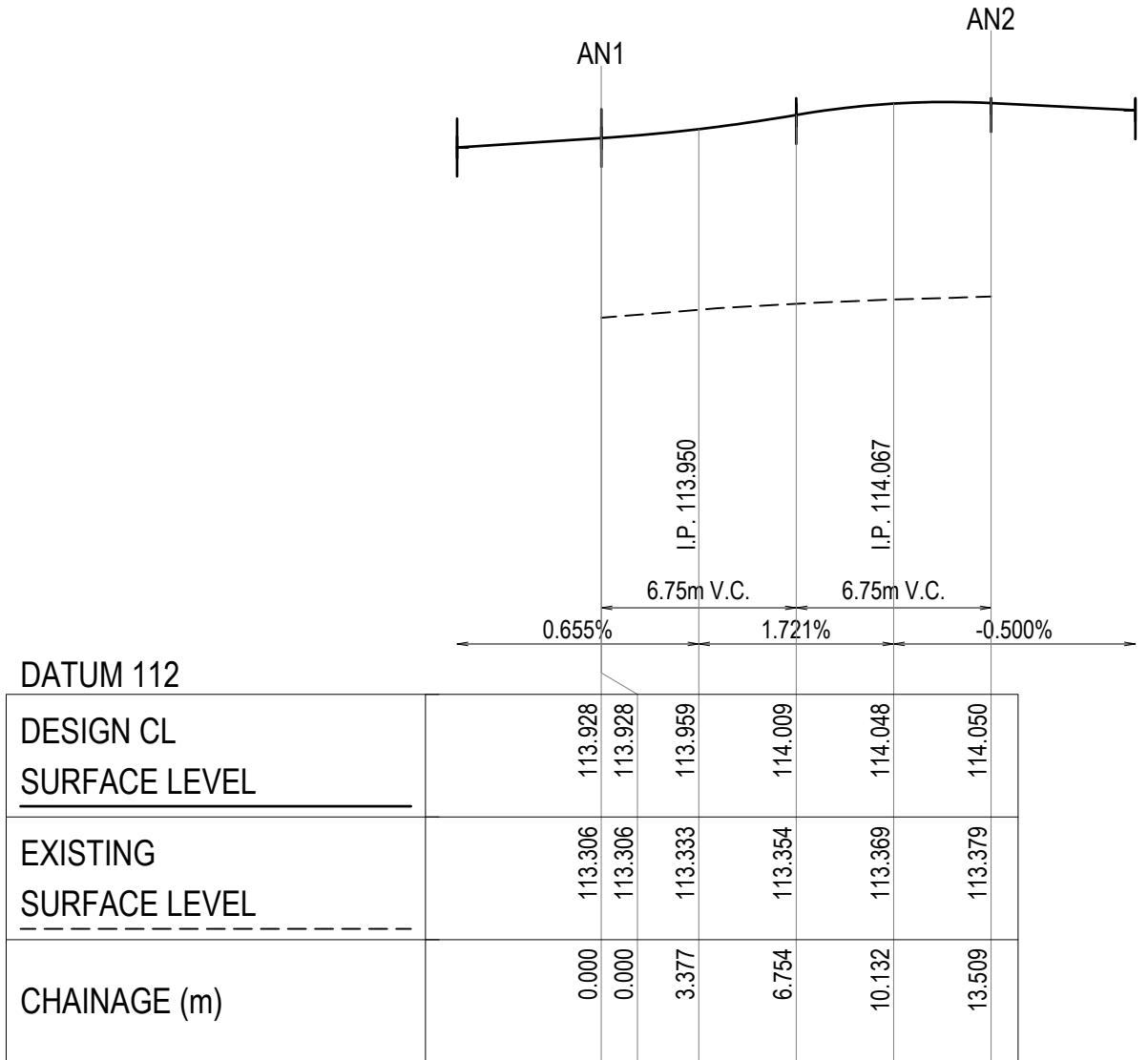
KERB BE



KERB BF



KERB AM



KERB AN

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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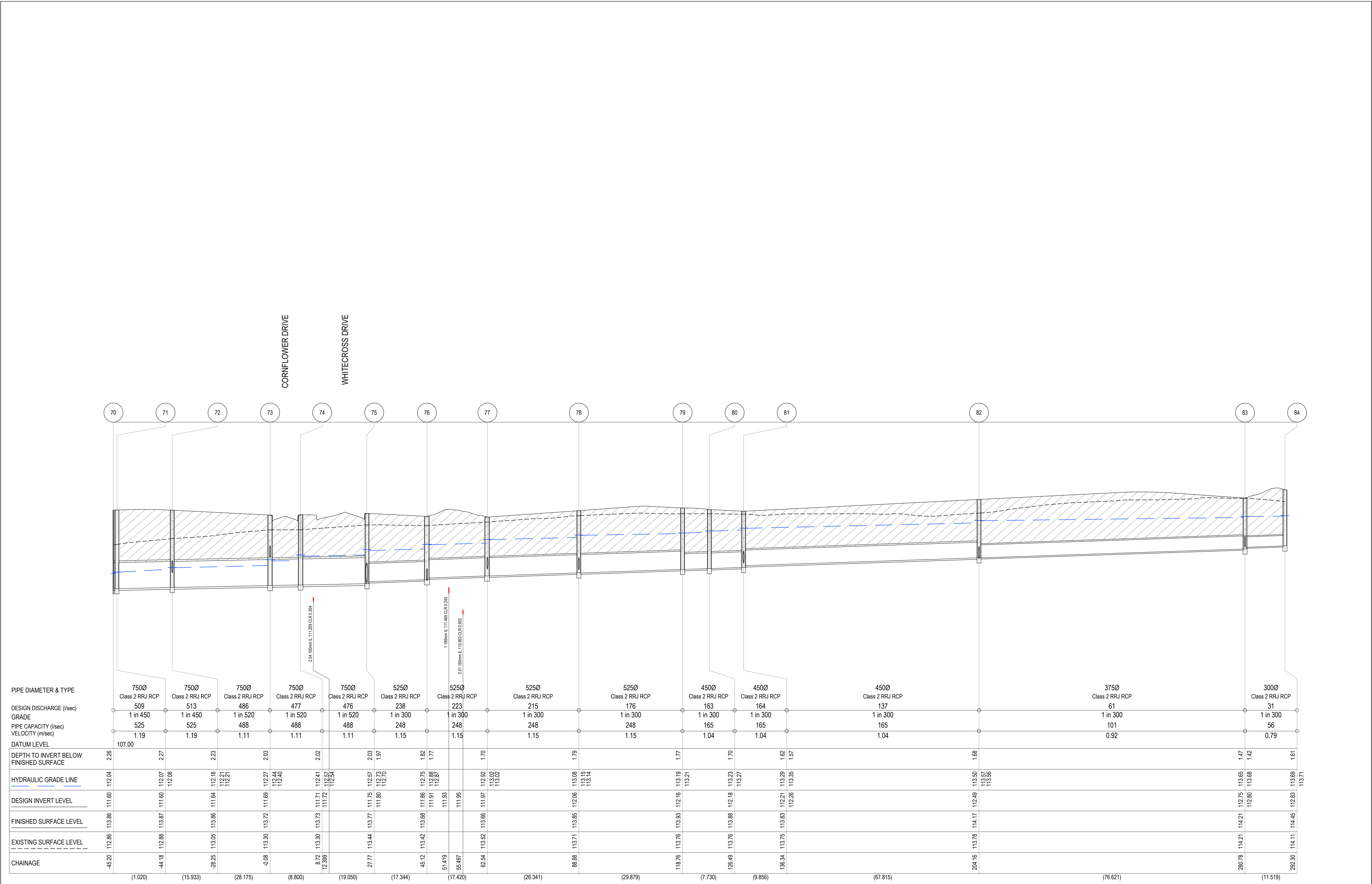
PM	T. BARBOUR
DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L
STATUS:	

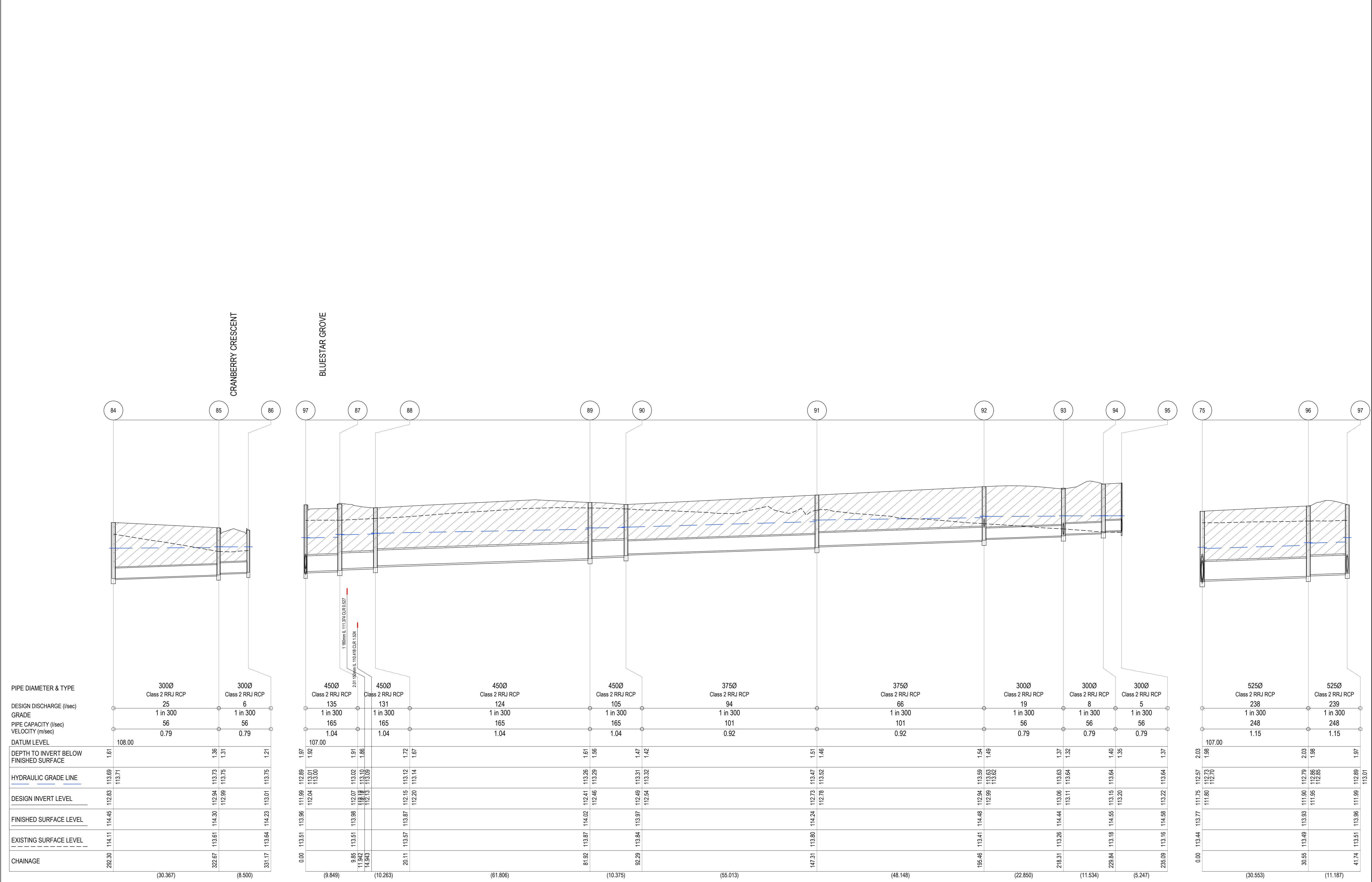
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
INTERSECTION DETAILS - 3

CONSTRUCTION

121912RD17

SHEET No. 17 OF 34
REV. 1





REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

LEGEND:

CRUSHED ROCK BACKFILL

Colliers

Scale: 1:500, A1
Horizontal: 0 5 10 15 20 25
Vertical: 0 0.5 1.0 1.5 2.0 2.5

PM
DESIGNED
CHECKED
AUTHORISED
MELWAYS
STATUS

T. BARBOUR
23.08.2023
S. FALKENSTEIN
23.08.2023
T. BARBOUR
23.08.2023
T. BARBOUR
344 C7
PS902801L

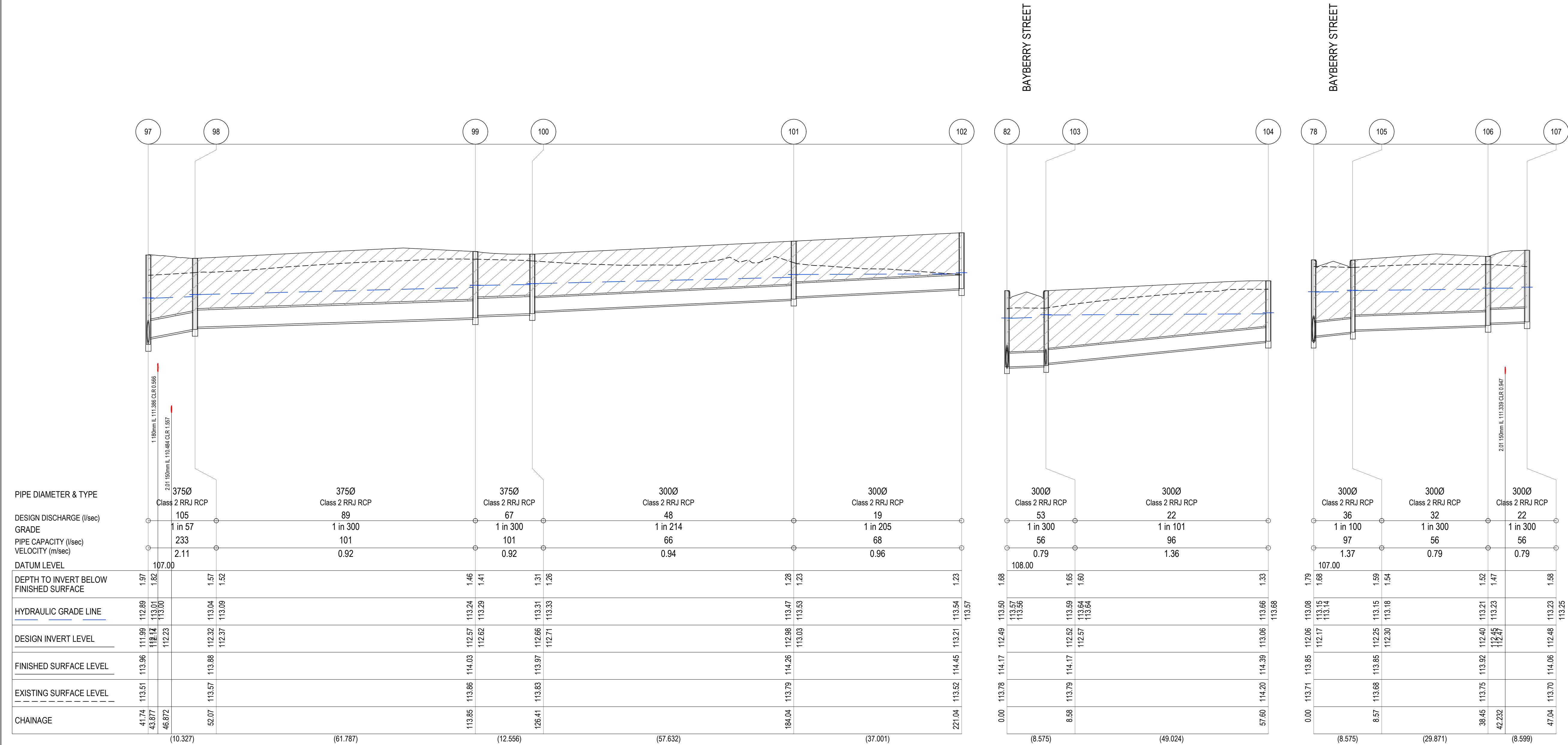
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
DRAINAGE LONGITUDINAL SECTIONS - 2

CONSTRUCTION

121912RD19

SHEET No. 19 OF 34
REV. 1

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FILE: C:\121912\5_Works\ps902801\121912_RD6-DR.dwg DESIGN:G01 DESIGN:ACAD\121912-RD6-DR.dwg LAYOUT: RD6-02 PLOTTED BY: Wong, James PLOT DATE: 25/7/2024 11:05 PM



PIPE DIAMETER & TYPE	3750 Class 2 RRJ RCP	3750 Class 2 RRJ RCP	3750 Class 2 RRJ RCP	3000 Class 2 RRJ RCP	3000 Class 2 RRJ RCP
DESIGN DISCHARGE (l/sec)	105	89	67	48	19
GRADE	1 in 57	1 in 300	1 in 300	1 in 214	1 in 205
PIPE CAPACITY (l/sec)	233	101	101	66	68
VELOCITY (m/sec)	2.11	0.92	0.92	0.94	0.96
DATUM LEVEL	107.00				
DEPTH TO INVERT BELOW FINISHED SURFACE	1.97		1.46	1.28	1.23
HYDRAULIC GRADE LINE	112.89	113.01	113.24	113.47	113.54
DESIGN INVERT LEVEL	112.23	112.23	112.62	113.03	113.54
FINISHED SURFACE LEVEL	113.96	113.96	114.03	114.26	114.45
EXISTING SURFACE LEVEL	113.51	113.51	113.83	113.79	113.52
CHAINAGE	41.74	46.872	113.86	184.04	221.04

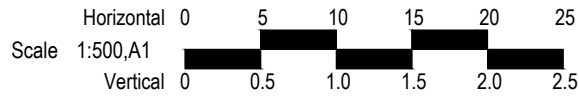
REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

LEGEND:



CRUSHED ROCK BACKFILL

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PM	T. BARBOUR
DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L

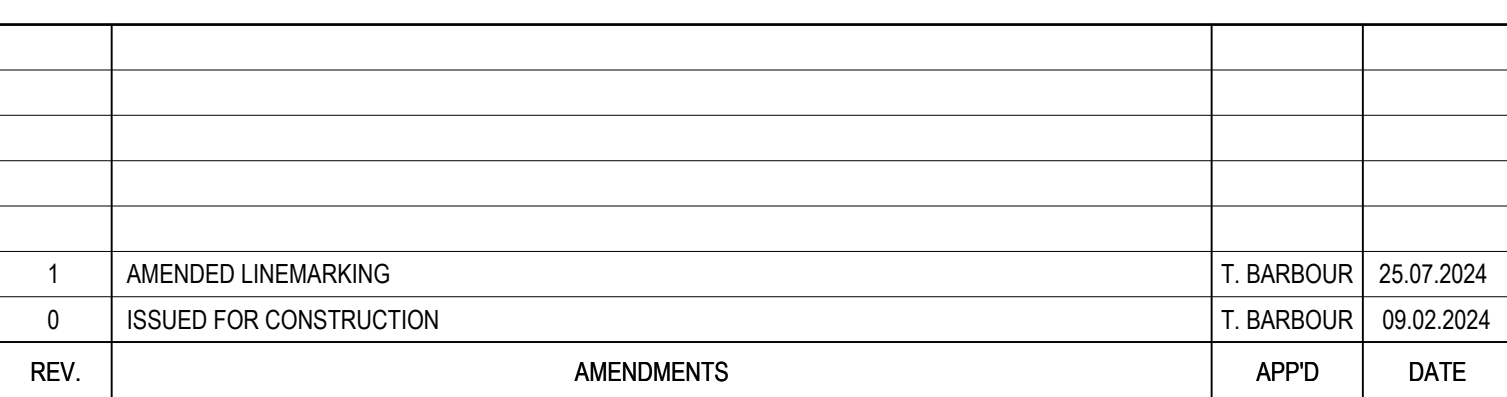
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
DRAINAGE LONGITUDINAL SECTIONS - 3

CONSTRUCTION

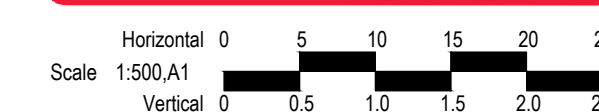
121912RD20

REV.	1
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SHEET No. 20 OF 34



CRUSHED ROCK BACKFILL



PM

DESIGNED

CHECKED

AUTHORISED

MELWAYS:

POS No:

STATUS:

T. BARBOUR

23.08.2023

S. FALKENSTEIN

23.08.2023

T. BARBOUR

23.08.2023

T. BARBOUR

344 CT

PS902801/L

236 PAYNES ROAD - STAGE 2

THE THORNHILL GARDENS

CITY OF MELTON

DRAINAGE LONGITUDINAL SECTIONS - 5

CONSTRUCTION

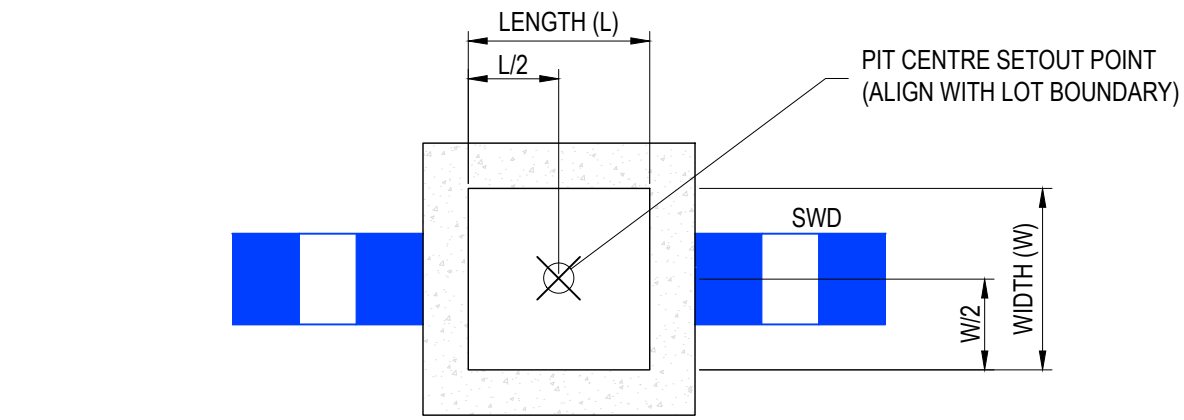
121912RD22

SHEET No: 22 OF 34

REV. 1

DRAINAGE PIT SCHEDULE

PIT		SET OUT CO-ORDINATES		INTERNAL DIMENSIONS		INLET		OUTLET		PIT		REMARKS
No.	TYPE	EASTING	NORTHING	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
70	HEADWALL	291251.010	5822081.758			750	111.6			113.86	2.262	REFER TO ROCK ENDWALL DETAIL
71	GRADED SIDE ENTRY PIT (B2 KERB)	291251.123	5822082.771	1050	900	750	111.6	750	111.6	113.87	2.265	REFER TO STD DRG SD 430 & SD 410
72	GRADED SIDE ENTRY PIT (B2 KERB)	291252.890	5822098.606	1050	900	750	111.638	750	111.638	113.864	2.23	REFER TO STD DRG SD 430 & SD 410
						300	112.088					
73	GRADED SIDE ENTRY PIT (B2 KERB)	291256.004	5822126.609	1050	1050	750	111.692	750	111.692	113.723	2.03	REFER TO STD DRG SD 430 & SD 410
						300	112.515					
74	GRADED SIDE ENTRY PIT (B2 KERB)	291247.258	5822127.581	1050	1050	750	111.71	750	111.709	113.730	2.02	REFER TO STD DRG SD 430 & SD 410
75	GRADED SIDE ENTRY PIT (B2 KERB)	291249.359	5822146.515	750	1050	525	111.803	750	111.746	113.773	2.03	REFER TO STD DRG SD 430 & SD 410
						525	111.796					
76	GRADED SIDE ENTRY PIT (B2 KERB)	291232.121	5822148.432	750	1200	525	111.911	525	111.861	113.685	1.82	REFER TO STD DRG SD 430 & SD 410
						300	111.861					
77	GRADED SIDE ENTRY PIT (B2 KERB)	291221.775	5822162.446	1050	900	525	111.969	525	111.969	113.665	1.70	REFER TO STD DRG SD 430 & SD 410
						300	112.194					
78	GRADED SIDE ENTRY PIT (B2 KERB)	291224.537	5822188.642	750	900	525	112.057	525	112.057	113.850	1.79	REFER TO STD DRG SD 430 & SD 410
						300	112.169					
79	JUNCTION PIT	291227.839	5822218.339	750	900	450	112.156	525	112.156	113.927	1.77	REFER TO STD DRG SD 425 & SD 410
80	JUNCTION PIT	291229.664	5822225.850	750	900	450	112.182	450	112.182	113.883	1.70	REFER TO STD DRG SD 425 & SD 410
81	GRADED SIDE ENTRY PIT (B2 KERB)	291233.193	5822235.053	750	900	450	112.265	450	112.215	113.834	1.62	REFER TO STD DRG SD 430 & SD 410
						300	112.365					
82	GRADED SIDE ENTRY PIT (B2 KERB)	291257.471	5822298.373	750	900	375	112.491	450	112.491	114.173	1.68	REFER TO STD DRG SD 430 & SD 410
						300	112.491					
83	GRADED SIDE ENTRY PIT (B2 KERB)	291284.832	5822369.943	600	900	300	112.796	375	112.746	114.213	1.47	REFER TO STD DRG SD 430
						300	112.821					
84	JUNCTION PIT	291295.356	5822374.626	600	900	300	112.835	300	112.835	114.449	1.61	REFER TO STD DRG SD 425
85	GRADED SIDE ENTRY PIT (B2 KERB)	291323.711	5822363.755	600	900	300	112.986	300	112.936	114.297	1.36	REFER TO STD DRG SD 430
86	GRADED SIDE ENTRY PIT (B2 KERB)	291326.754	5822371.691	600	900	300		300	113.014	114.229	1.22	REFER TO STD DRG SD 430
87	GRADED SIDE ENTRY PIT (B2 KERB)	291300.632	5822143.366	900	900	450	112.118	450	112.068	113.975	1.91	REFER TO STD DRG SD 430 & SD 410
88	GRADED SIDE ENTRY PIT (B2 KERB)	291301.136	5822153.617	750	900	450	112.202	450	112.152	113.873	1.72	REFER TO STD DRG SD 430 & SD 410
89	JUNCTION PIT	291307.966	5822215.045	750	900	450	112.458	450	112.408	114.023	1.62	REFER TO STD DRG SD 425 & SD 410
90	GRADED SIDE ENTRY PIT (B2 KERB)	291310.749	5822225.040	750	900	375	112.543	450	112.493	113.965	1.47	REFER TO STD DRG SD 430 & SD 410
91	GRADED SIDE ENTRY PIT (B2 KERB)	291330.374	5822276.433	600	900	375	112.776	375	112.726	114.238	1.51	REFER TO STD DRG SD 430
92	JUNCTION PIT	291347.612	5822321.390	600	900	300	112.987	375	112.937	114.479	1.54	REFER TO STD DRG SD 425
						225	113.326					
93	GRADED SIDE ENTRY PIT (B2 KERB)	291355.791	5822342.726	600	900	300	113.113	300	113.063	114.436	1.37	REFER TO STD DRG SD 430
						300	113.117					
94	GRADED SIDE ENTRY PIT (B2 KERB)	291366.330	5822347.413	600	900	300	113.201	300	113.151	114.555	1.40	REFER TO STD DRG SD 430
95	END PIPE	291371.230	5822345.536			300	113.219			114.584	1.37	BLANK PIPE FOR FUTURE CONNECTION
								300	113.219			
96	JUNCTION PIT	291279.724	5822143.136	750	900	525	111.948	525	111.898	113.925	2.03	REFER TO STD DRG SD 425 & SD 410
97	GRADED SIDE ENTRY PIT (B2 KERB)	291290.838	5822144.411	600	900	450	112.035			113.958	1.97	REFER TO STD DRG SD 430
						375	112.135	525	111.985			
98	GRADED SIDE ENTRY PIT (B2 KERB)	291292.615	5822154.583	600	900	375	112.367	375	112.317	113.883	1.57	REFER TO STD DRG SD 430
99	JUNCTION PIT	291299.443	5822215.992	600	900	375	112.623	375	112.573	114.032	1.46	REFER TO STD DRG SD 425
100	GRADED SIDE ENTRY PIT (B2 KERB)	291302.741	5822228.108	600	900	300	112.715	375	112.665	113.975	1.31	REFER TO STD DRG SD 430
101	GRADED SIDE ENTRY PIT (B2 KERB)	291323.374	5822281.920	600	900	300	113.034	300	112.984	114.263	1.28	REFER TO STD DRG SD 430
102	JUNCTION PIT	291336.621	5822316.469	600	900	300		300	113.215	114.448	1.23	REFER TO STD DRG SD 425
103	GRADED SIDE ENTRY PIT (B2 KERB)	291249.455	5822301.418	600	900	300	112.570	300	112.520	114.169	1.65	REFER TO STD DRG SD 430
						300	112.558					
104	JUNCTION PIT	291267.006	5822347.193	600	900			300	113.057	114.387	1.33	REFER TO STD DRG SD 425
105	GRADED SIDE ENTRY PIT (B2 KERB)	291216.016	5822189.598	600	900	300	112.305	300	112.255	113.846	1.59	REFER TO STD DRG SD 430
106	JUNCTION PIT	291219.316	5822219.286	600	900	300	112.455	300	112.405	113.924	1.52	REFER TO STD DRG SD 425
107	GRADED PIT	291213.763	5822225.851	600	900			300	112.483	114.061	1.58	REFER TO STD DRG SD 455
108	JUNCTION PIT	291199.395	5822104.554	600	900			300	112.307	113.533	1.23	REFER TO STD DRG SD 425
109	JUNCTION PIT	291287.353	5822094.775	600	900			225	112.861	114.011	1.15	REFER TO STD DRG SD 425
110	HEADWALL	291328.124	5822087.505			450	111.679			113.855	2.18	REFER TO ROCK ENDWALL DETAIL
111	GRADED SIDE ENTRY PIT (B2 KERB)	291328.426	5822090.221	750	900	450	111.738	450	111.688	113.873	2.19	REFER TO STD DRG SD 430 & SD 410
						300	111.838					
112	JUNCTION PIT	291331.596	5822118.732	600	900	450	111.883			111.833		REFER TO STD DRG SD 425
								450	111.833			
113	GRADED SIDE ENTRY PIT (B2 KERB)	291268.490	5822131.836	600	900			300	112.652	113.871	1.22	REFER TO STD DRG SD 430
114	GRADED SIDE ENTRY PIT (B2 KERB)	291220.960	5822152.189	600	900	300	111.900	300	111.900	113.600	1.70	REFER TO STD DRG SD 430
115	GRADED SIDE ENTRY PIT (B2 KERB)	291211.375	5822153.315	600	900			300	111.932	113.659	1.73	REFER TO STD DRG SD 430
116	GRADED SIDE ENTRY PIT (B2 KERB)	291213.105	5822163.426	600	900			300	112.251	113.653	1.40	REFER TO STD DRG SD 430
117	END PIPE	291370.720	5822312.530			225	113.573			114.896	1.32	BLANK PIPE FOR FUTURE CONNECTION
								225	113.573			
118	GRADED SIDE ENTRY PIT (B2 KERB)	291347.851	5822345.775	600	900			300	113.145	114.448	1.30	REFER TO STD DRG SD 430
119	GRADED SIDE ENTRY PIT (B2 KERB)	291225.186	5822238.123	600	900			300	112.428	113.830	1.40	REFER TO STD DRG SD 430
120	GRADED SIDE ENTRY PIT (B2 KERB)	291276.892	5822372.977	600	900			300	112.910	114.213	1.30	REFER TO STD DRG SD 430
121	GRADED PIT	291243.299	5822297.094	600	900			300	112.583	114.281	1.70	REFER TO STD DRG SD 455
122	GRADED SIDE ENTRY PIT (B2 KERB)	291319.902	5822091.156	600	900	225	112.241			113.869	1.70	REFER TO STD DRG SD 430
						300	112.216	300	112.166			
123	GRADED SIDE ENTRY PIT (B2 KERB)	291323.074	5822119.683	600	900			300	112.623	114.057	1.43	REFER TO STD DRG SD 430
124	GRADED SIDE ENTRY PIT (B2 KERB)	291325.382	5822137.987	600	900			300	112.571	114.151	1.58	REFER TO STD DRG SD 430

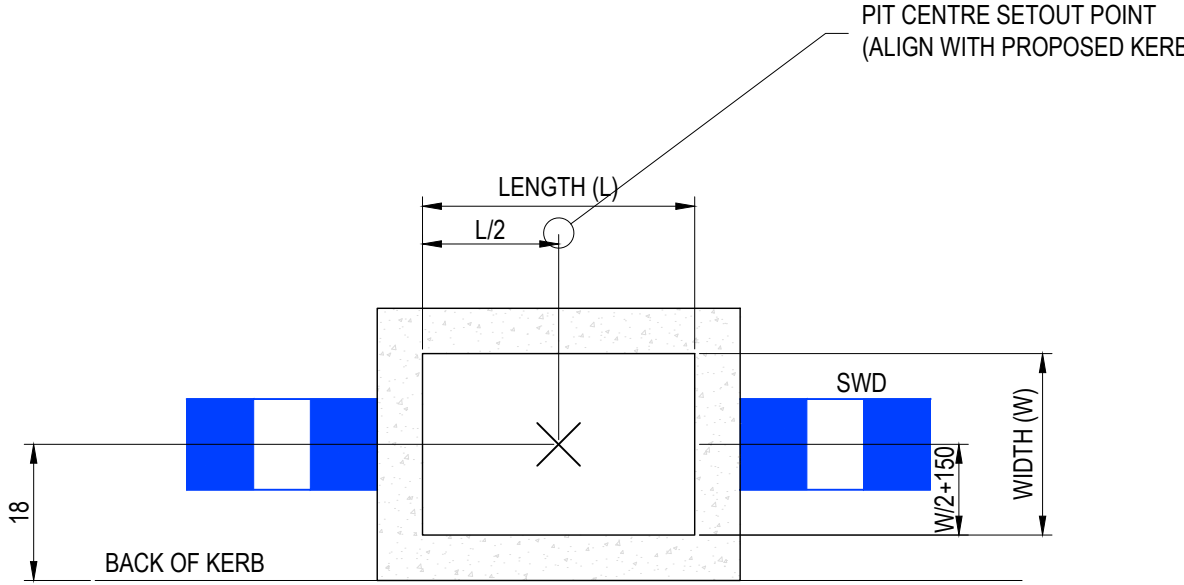


TYPICAL DRAINAGE PIT SETOUT DETAIL

JUNCTION PIT/ EASEMENT PIT

REFER TO EDCM 605

NOT TO SCALE



INVERT OF KERB

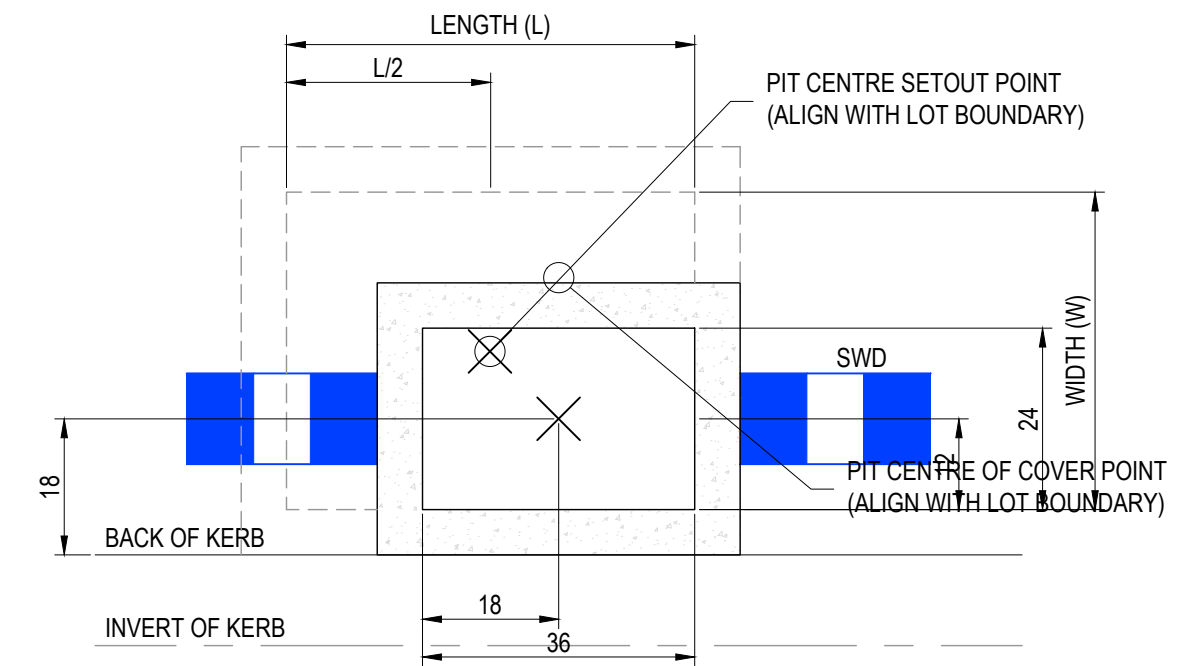
LIP OF KERB

TYPICAL DRAINAGE PIT SETOUT DETAIL

GRADED SIDE ENTRY PIT

REFER TO EDCM 601 & 603

NOT TO SCALE



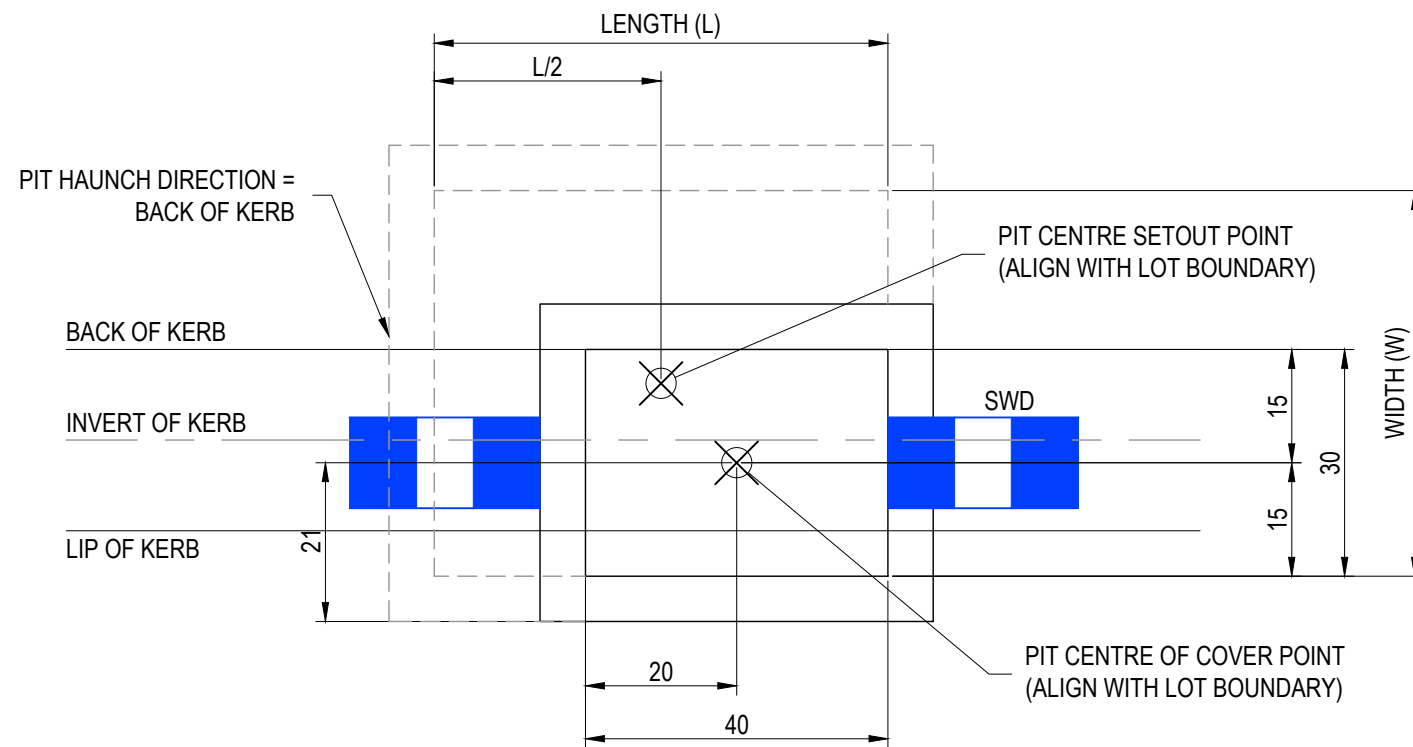
LIP OF KERB

TYPICAL DRAINAGE PIT SETOUT DETAIL

HAUNCHED GRADED SIDE ENTRY PIT

REFER TO EDCM 601, 603 & 607

NOT TO SCALE

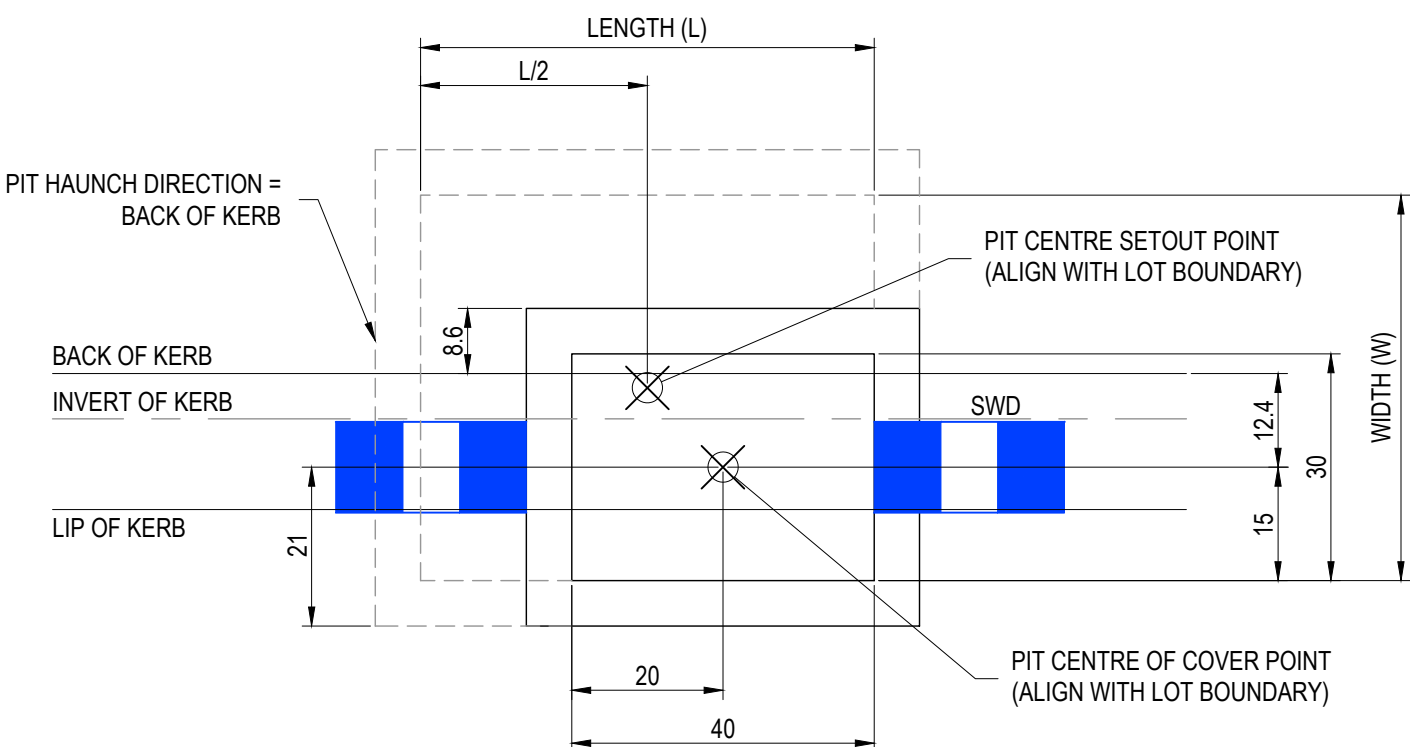


TYPICAL DRAINAGE PIT SETOUT DETAIL

HAUNCHED GRADED SIDE ENTRY PIT VICROADS - SM2 KERB

REFER TO VICROADS SD 1321E & SD 1021C

NOT TO SCALE



TYPICAL DRAINAGE PIT SETOUT DETAIL

HAUNCHED GRADED SIDE ENTRY PIT VICROADS - B2 KERB

REFER TO VICROADS SD 1322E & SD 1021C

NOT TO SCALE

LEGEND:



CRUSHED ROCK BACKFILL

1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024
REV.	AMENDMENTS	APP'D	DATE

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Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	T. BARBOUR
DESIGNED	23.08.2023
CHECKED	23.08.2023
AUTHORISED	23.08.2023
MELBOURNE	23.08.2023
POS No.	344 C7
STATUS	PS902801L

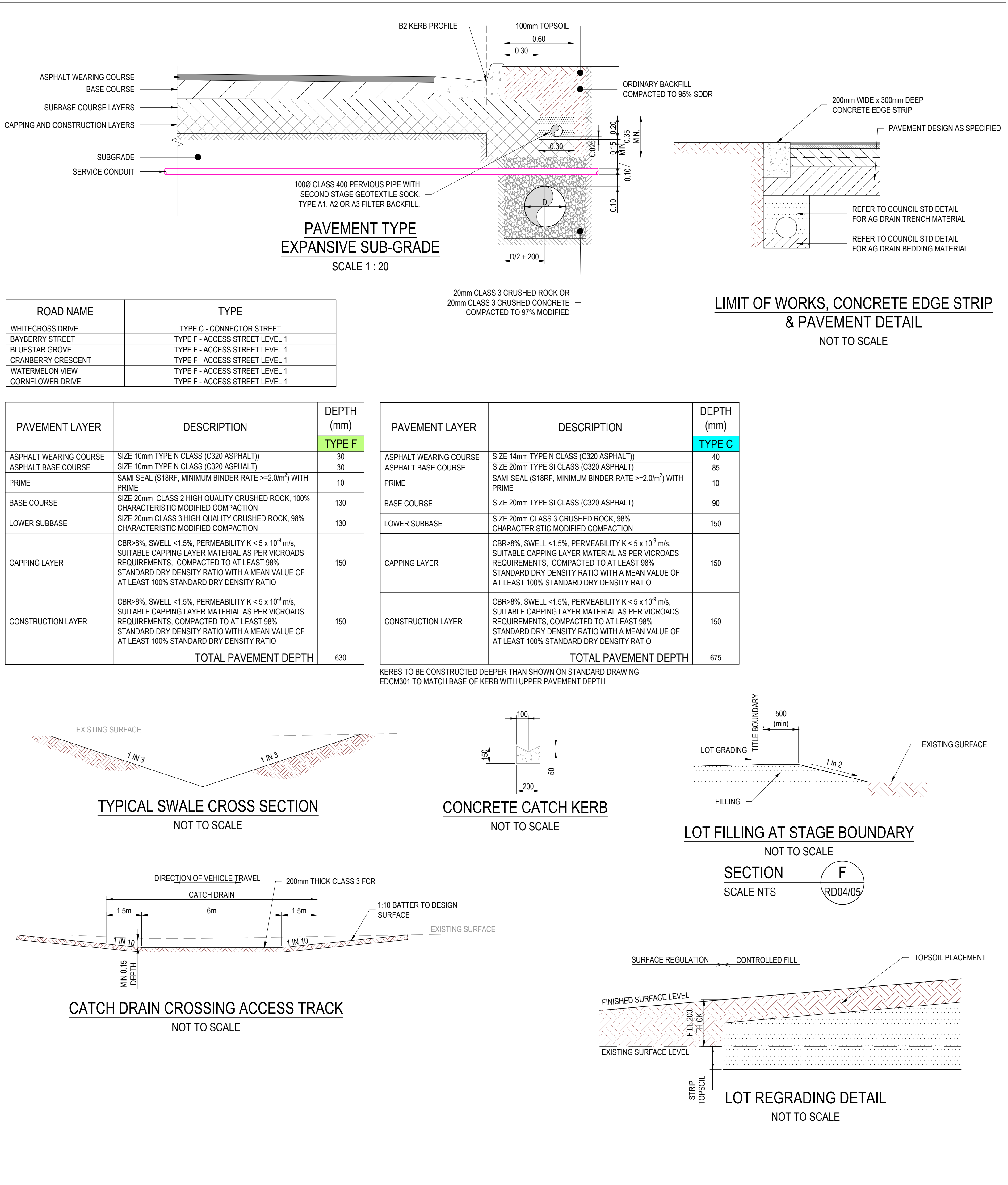
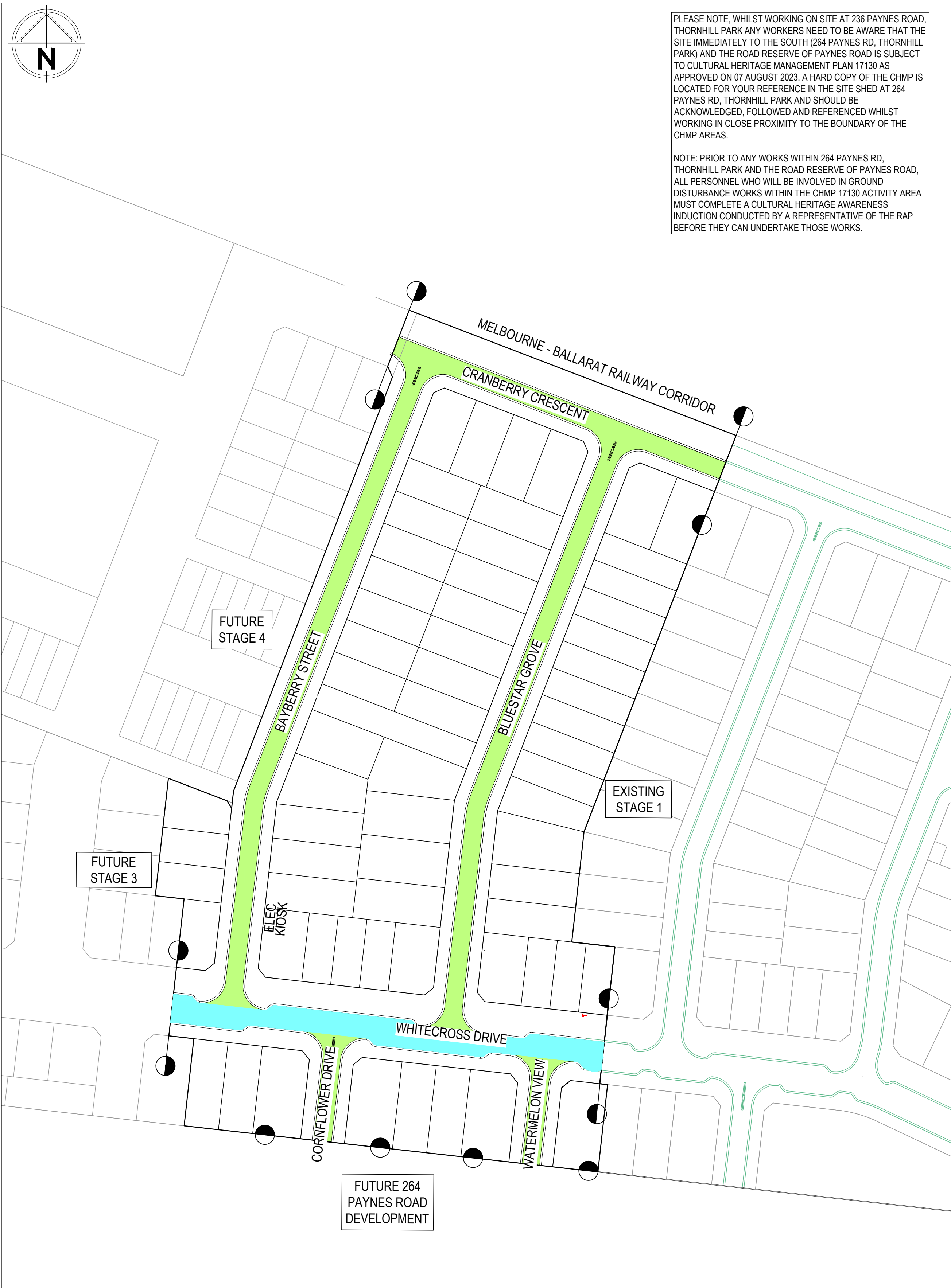
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
DRAINAGE PIT SCHEDULE
& SETOUT DETAILS

CONSTRUCTION

121912RD23

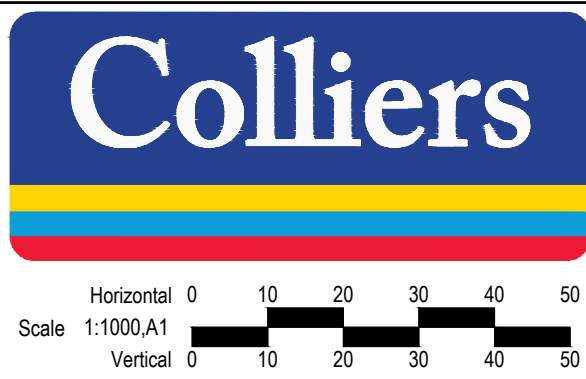
REV. 1

SHEET No. 23 OF 34



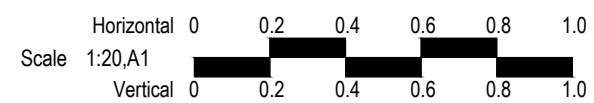
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024
REV.	AMENDMENTS	APP'D	DATE

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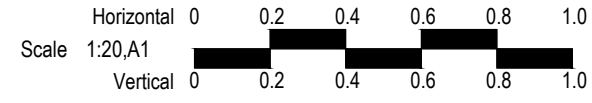


PM	T. BARBOUR	236 PAYNES ROAD - STAGE 2 THE THORNHILL GARDENS CITY OF MELTON STANDARD DETAILS - 1	
DESIGNED	23.08.2023		
S. FALKENSTEIN			
CHECKED	23.08.2023		
T. BARBOUR			
AUTHORISED	23.08.2023		
T. BARBOUR			
MELWAYS	344 C7		
POS No.	PS902801L		
STATUS:	CONSTRUCTION	121912RD24	SHEET No. 24 OF 34
REV.	1		

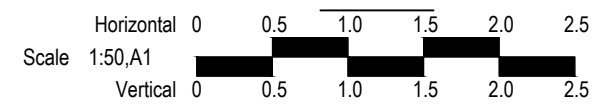
1. TOP OF GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO THE TRENCH
2. ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT
3. ALL GRASED AREAS TO BE TOP DRESSED WITH 100 MM TOPSOIL AND SEEDED AS SPECIFIED
4. SERVICE DEPTHS AND LOCATIONS ARE INDICATIVE ONLY
5. WHERE THE VERGE IS LESS THAN 4.2m (14ft) A SPECIFIC DETAIL SHALL BE SHOWN ON THE ENGINEERING DRAWINGS THAT RETAINS THE PRINCIPALS AND STORAGE VOLUME OUTLINED IN THIS DETAIL



1. TOP OF GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO THE TRENCH
2. ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT
3. ALL GRASSED AREAS TO BE TOP DRESSED WITH 100 MM TOPSOIL AND SEEDED AS SPECIFIED
4. SERVICE DEPTHS AND LOCATIONS ARE INDICATIVE ONLY
5. WHERE THE VERGE IS LESS THAN 4.2m (14ft) A SPECIFIC DETAIL SHALL BE SHOWN ON THE ENGINEERING DRAWINGS THAT RETAINS THE PRINCIPALS AND STORAGE VOLUME OUTLINED IN THIS DETAIL



NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



1 AT HIGHLY CONSTRAINED SITES, GRAVEL TRENCHES CAN BE MODIFIED IN THE FOLLOWING WAYS:

- REDUCED OFFSET OF 0.75 M FROM TREE CENTRELINE
- DIMENSION 1.0 M LONG x 0.6 M WIDE x 0.75 M DEEP



1. GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO TRENCH
2. ONCE THE GRAVEL TRENCH HAS BEEN FILLED WITH RAIL BALLAST, GEOTEXTILE TO BE FOLDED OVER SO THAT THE ROCK BALLAST IS COVERED
3. ALL GRASSED AREAS TO BE TOP DRESSED WITH 100mm TOPSOIL AND SEEDED IN ACCORDANCE WITH COUNCIL SPECIFICATION.

1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024
REV.	AMENDMENTS	APPD	DATE

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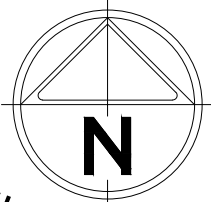
AS SHOWN

PM	T. BARBOUR
DESIGNED	23.08.2023 S. FALKENSTEIN
CHECKED	23.08.2023 T. BARBOUR
AUTHORISED	23.08.2023 T. BARBOUR
MELWAYS:	344 C7
POS No.:	PS902801L
STATUS:	CONSTRU

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
STANDARD DETAILS - 2
PASSIVE IRRIGATION DETAILS

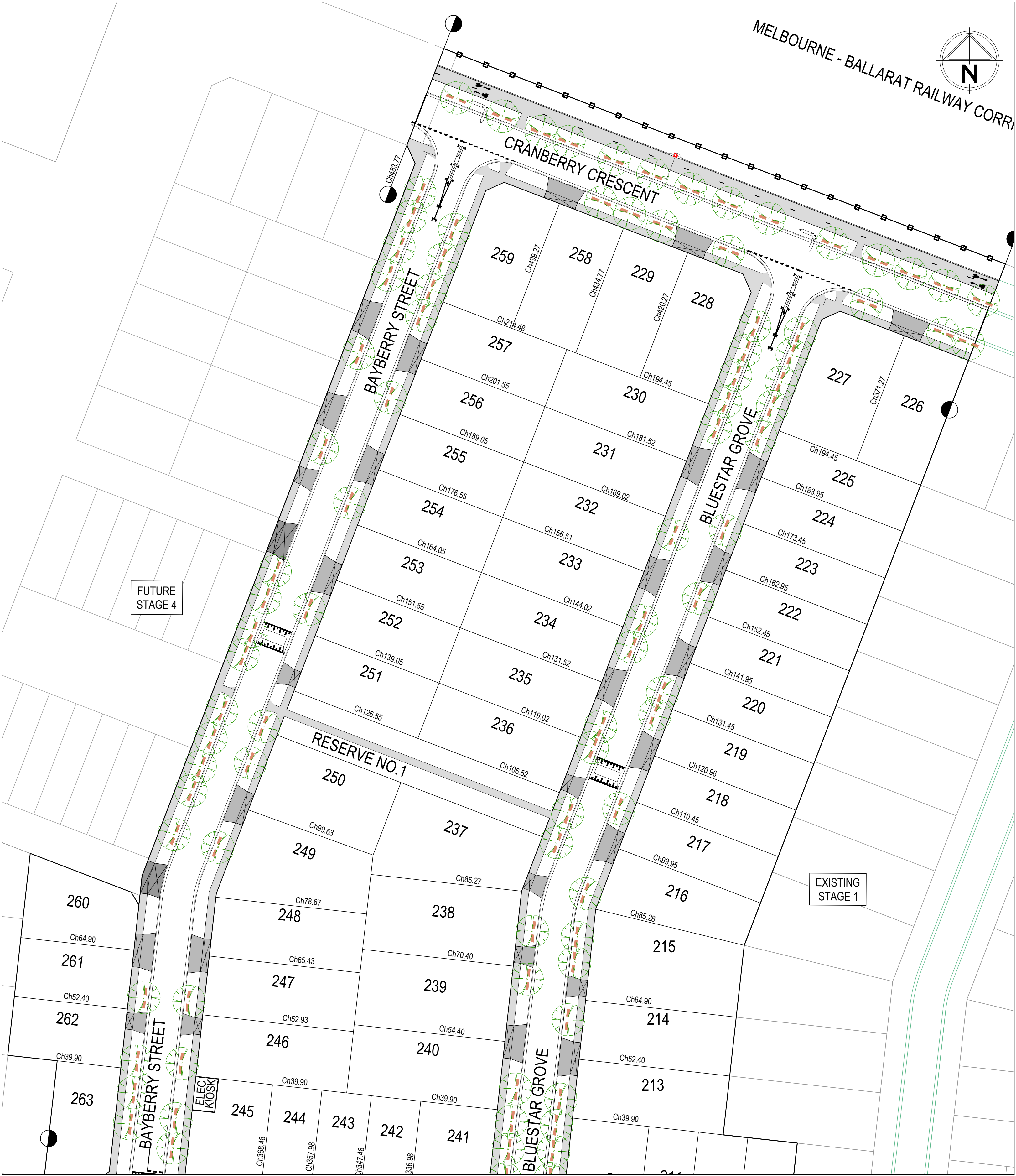
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		REV.	1

MELBOURNE - BALLARAT RAILWAY CORRIDOR



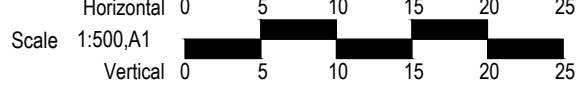
PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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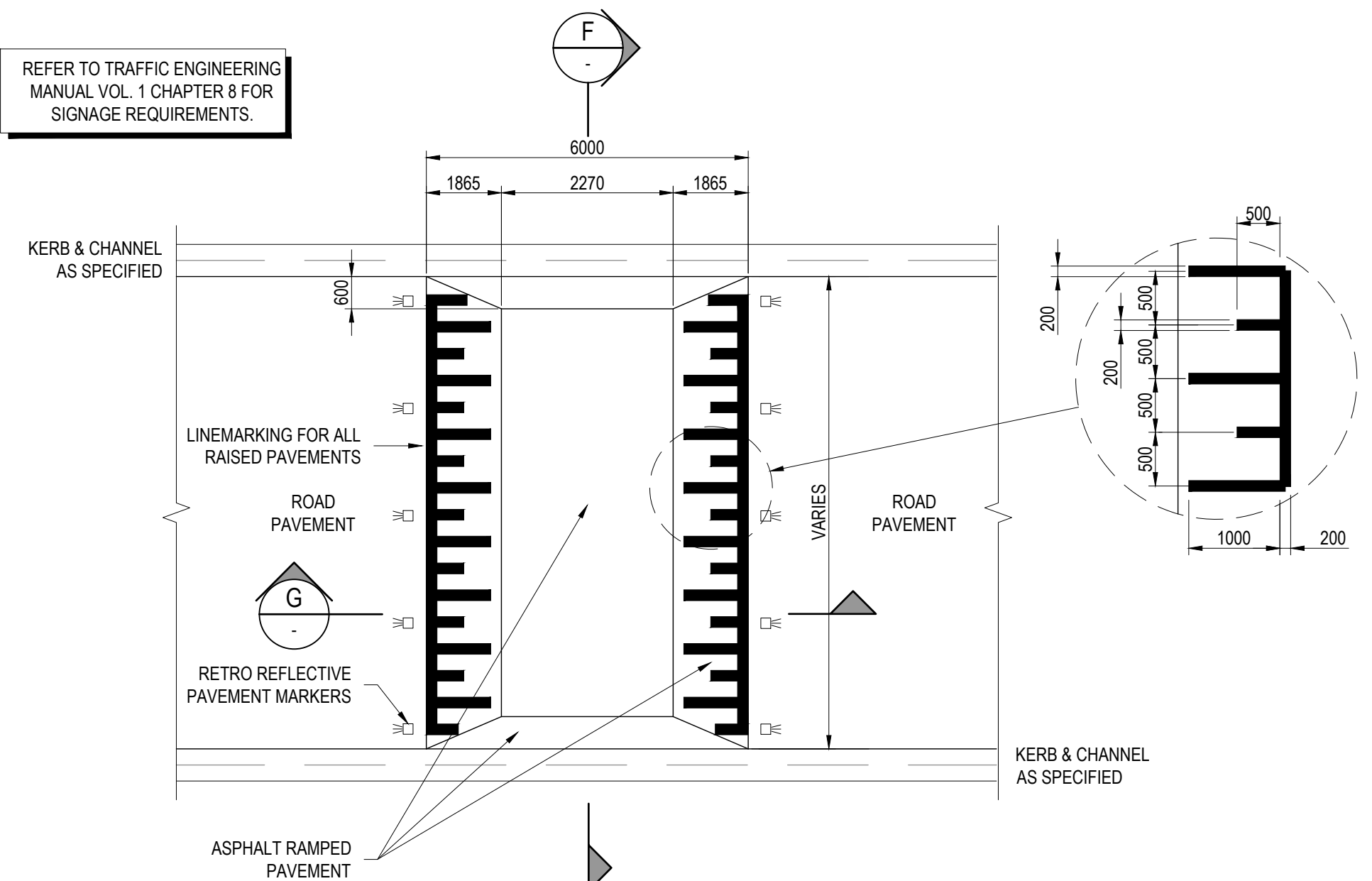


PM	T. BARBOUR	23.08.2023
DESIGNED	S. FALKENSTEIN	23.08.2023
CHECKED	T. BARBOUR	23.08.2023
AUTHORISED	T. BARBOUR	23.08.2023
MELWAYS	344 C7	
POS No.	PS902801L	
STATUS:	CONSTRUCTION	
SHEET No.	28 OF 34	
REV.	1	

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
STANDARD DETAILS - 3
PASSIVE IRRIGATION PLAN

121912RD26

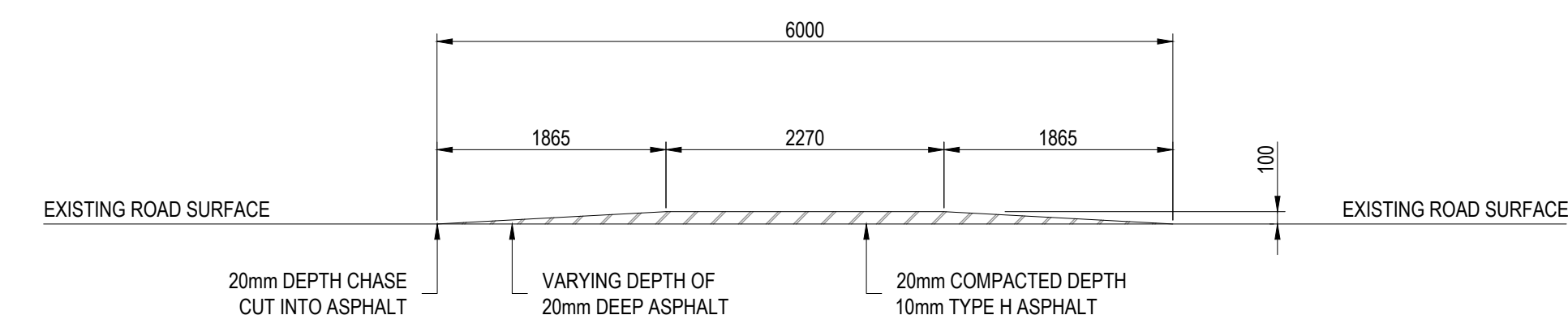
REFER TO TRAFFIC ENGINEERING
MANUAL VOL. 1 CHAPTER 8 FOR
SIGNAGE REQUIREMENTS.



RAISED PLATFORM

DETAIL
SCALE 1 : 100

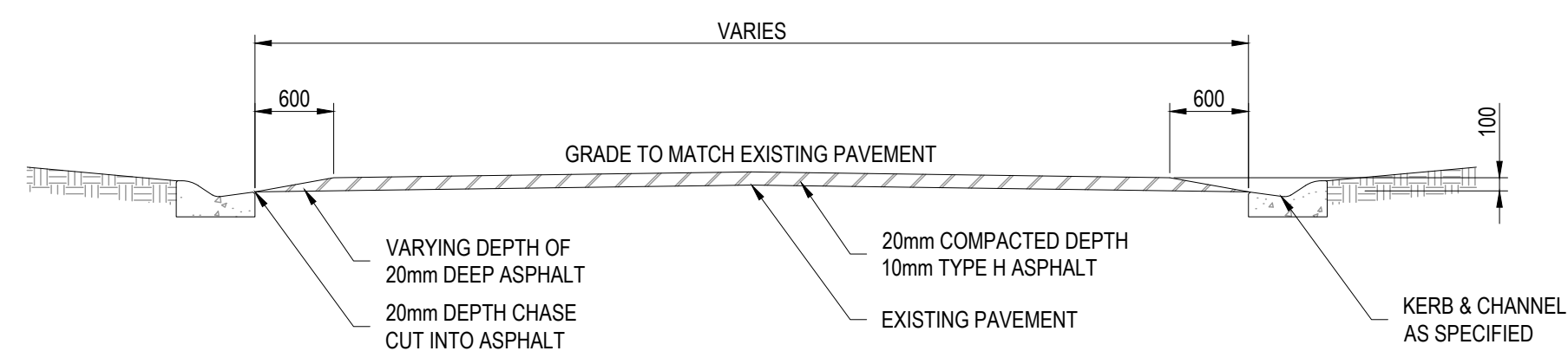
2
RD02



SECTION
SCALE 1 : 50

F
-

NOTE:
ROAD HUMPS ARE TO BE LOCATED WITHIN 5m OF AN
EXISTING STREET LIGHT OR A NEW STREET LIGHT MUST
BE INSTALLED WITHIN 5m OF A ROAD HUMP. SIGN MUST
BE INSTALLED TO SIGN INSTALLATION GUIDELINES.

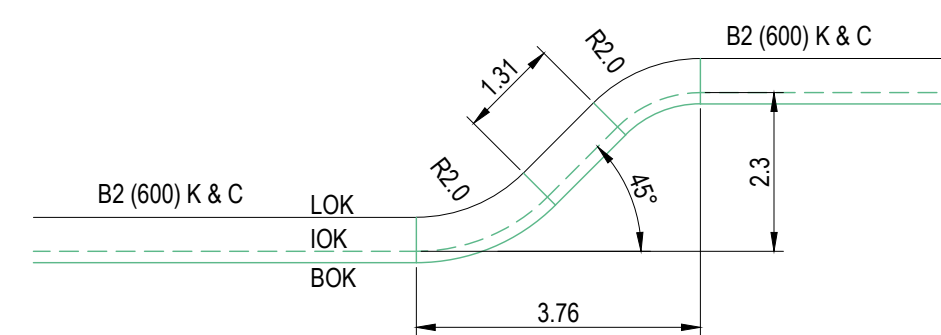


SECTION
SCALE 1 : 50

G
-

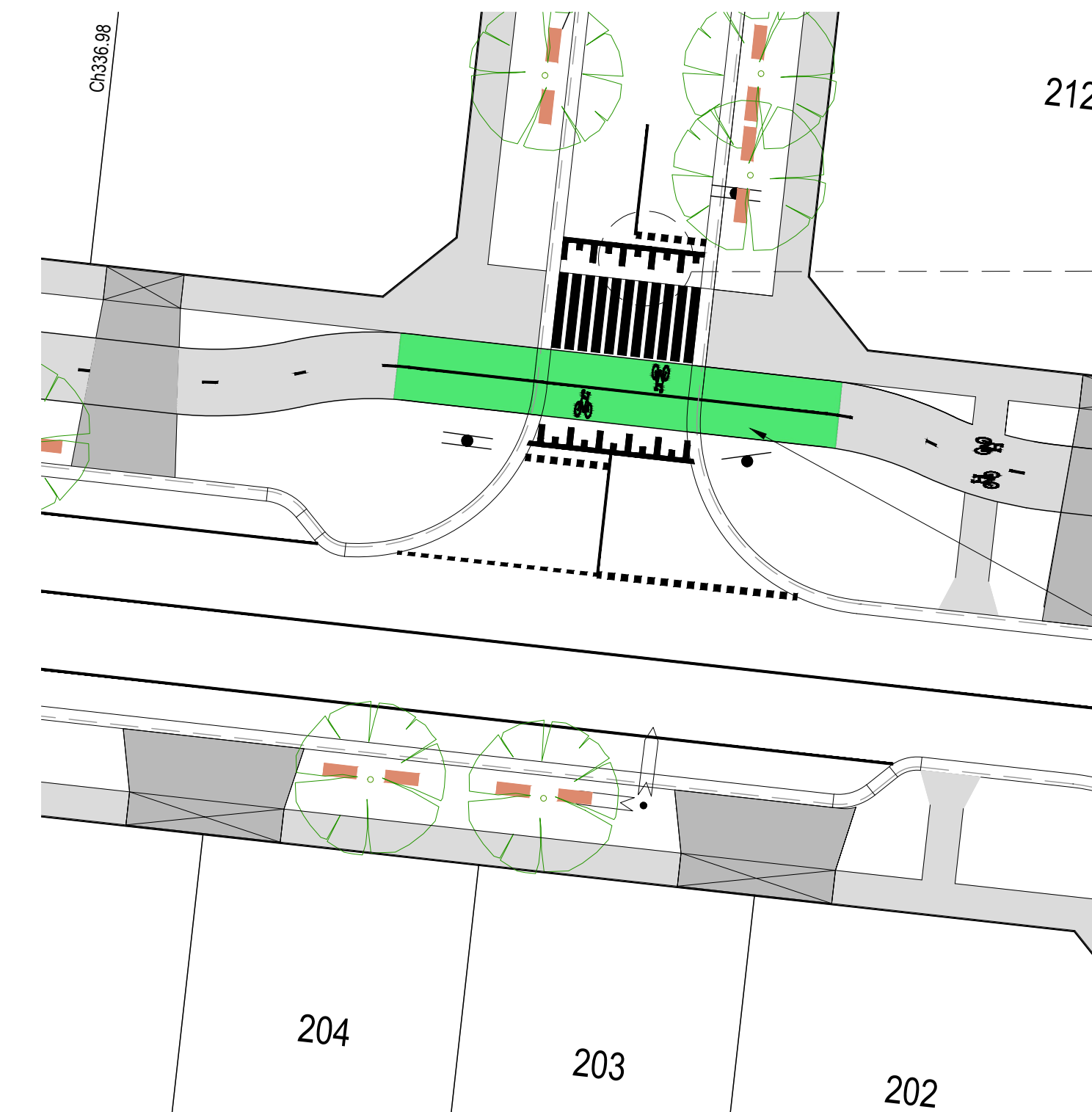
PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.



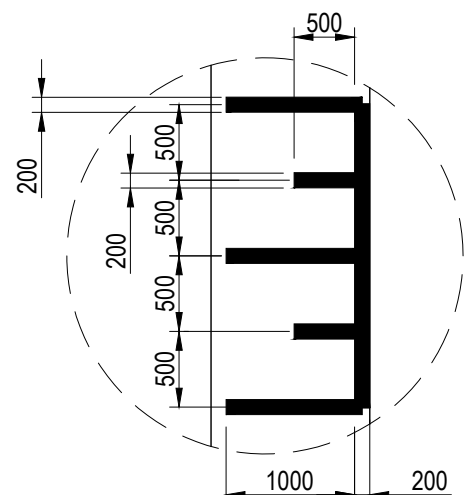
TYPICAL PARKING BAY LAYOUT

NOT TO SCALE



RAISED PAVEMENT (INTERSECTION) - PLAN VIEW

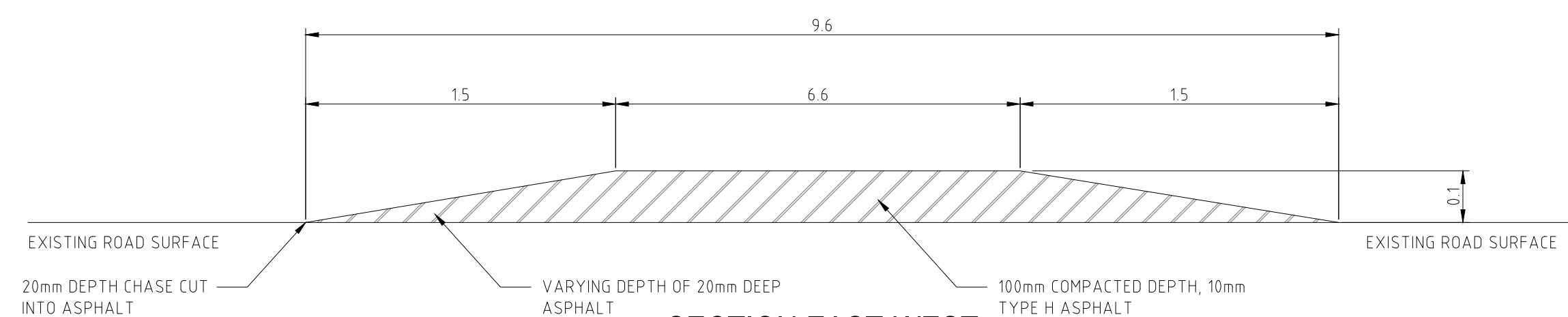
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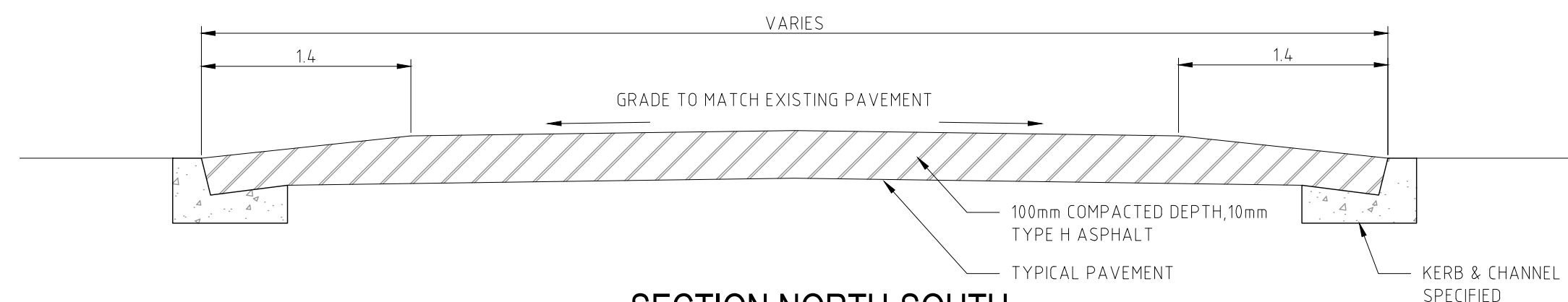
DETAIL "A"

(NOT TO SCALE)
LINEMARKING APPROVED THERMOPLASTIC

PROVIDE COLOURED SURFACE
TREATMENT (OMNIGRIP) IN
ACCORDANCE WITH VICROADS
CYCLE NOTES



SECTION EAST-WEST



SECTION NORTH-SOUTH RAISED PLATFORM DETAIL

(NOT TO SCALE)

NOTE

ROAD HUMPS ARE TO BE LOCATED WITHIN 5m OF AN EXISTING STREET LIGHT OR A NEW STREET LIGHT MUST BE INSTALLED WITHIN 5m OF A ROAD HUMP. SIGN MUST BE INSTALLED TO SIGN INSTALLATION GUIDELINES.

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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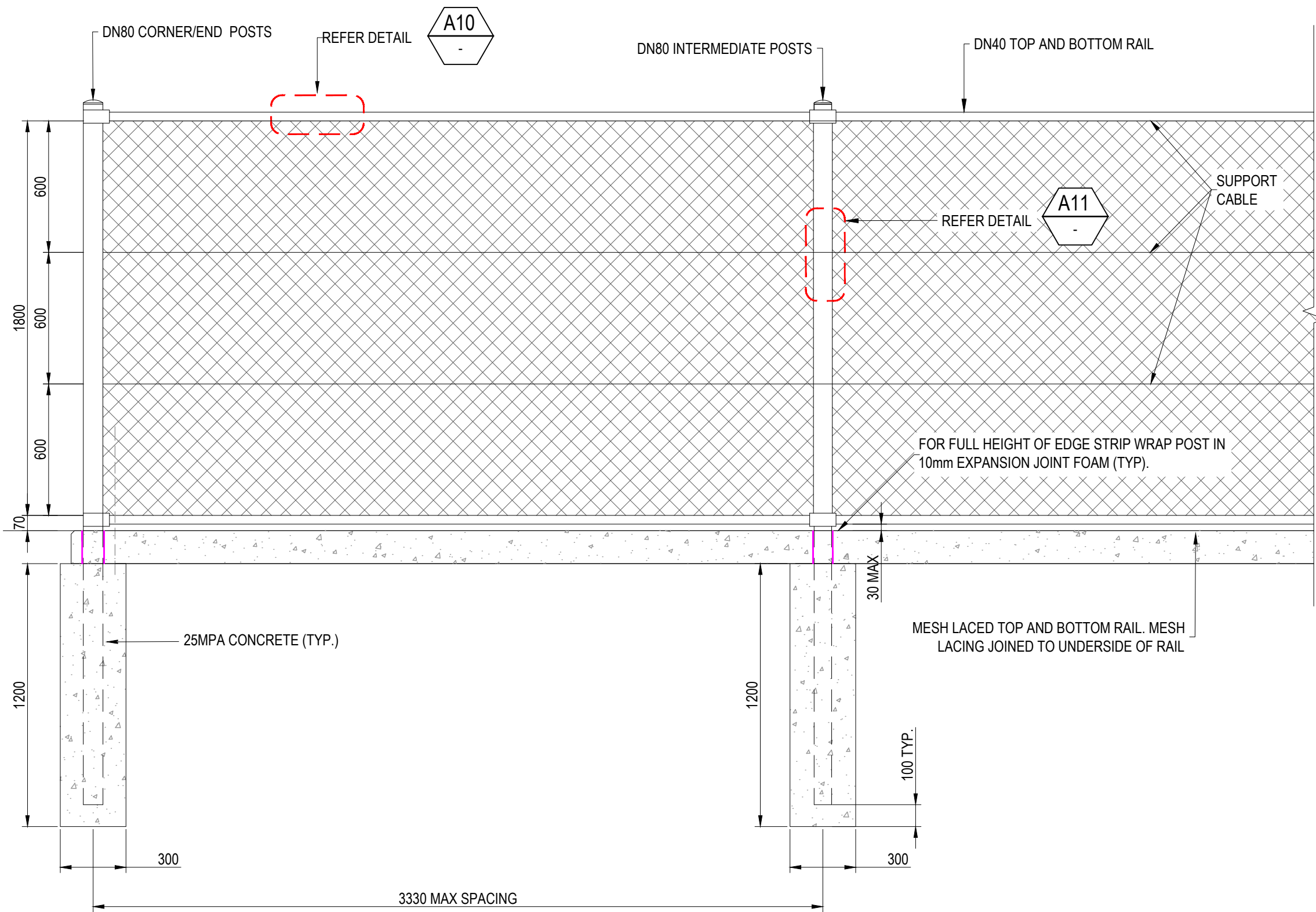
AS SHOWN

PM	T. BARBOUR
DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L
STATUS:	CONSTRUCTION

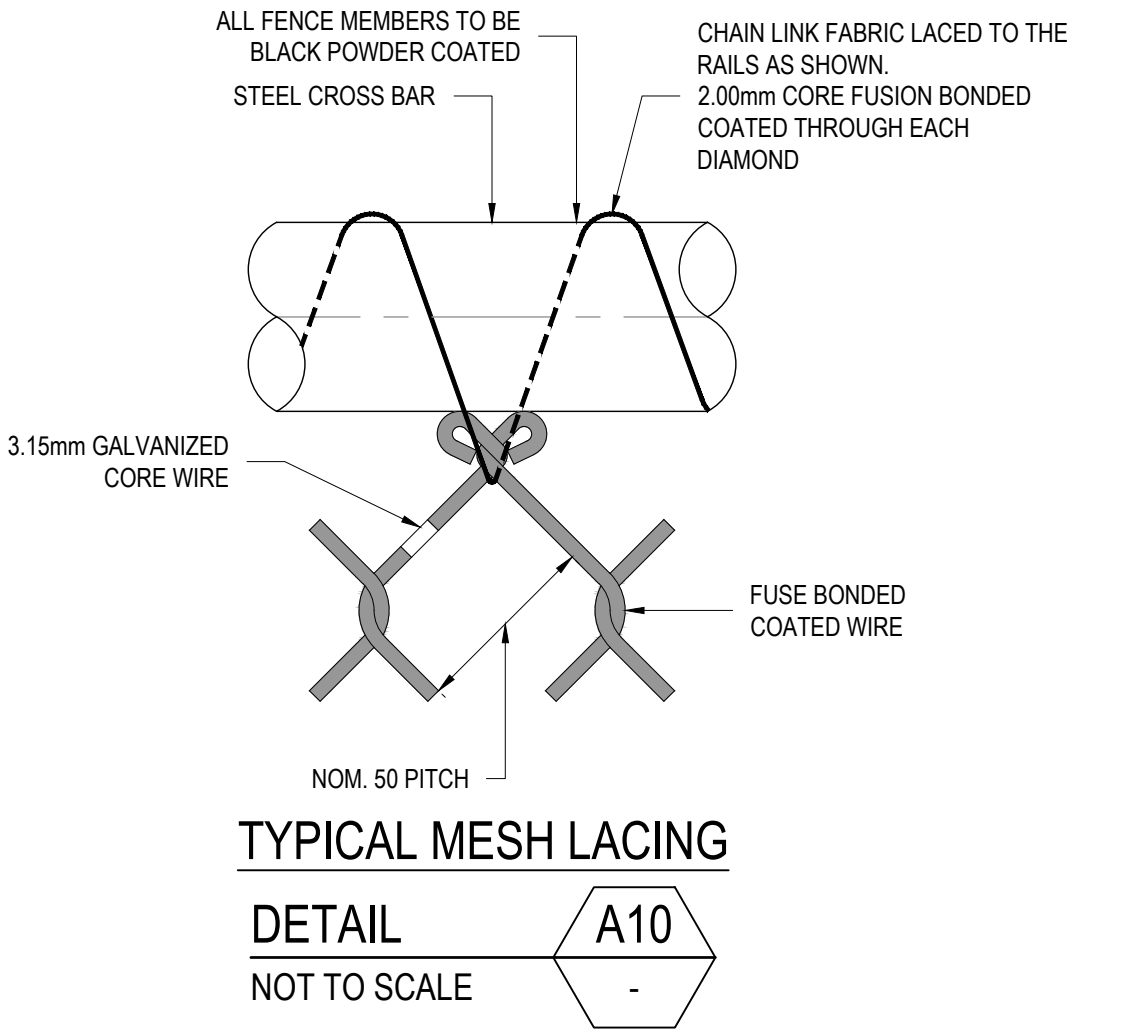
236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
STANDARD DETAILS - 4
SPEED HUMP DETAILS

121912RD27

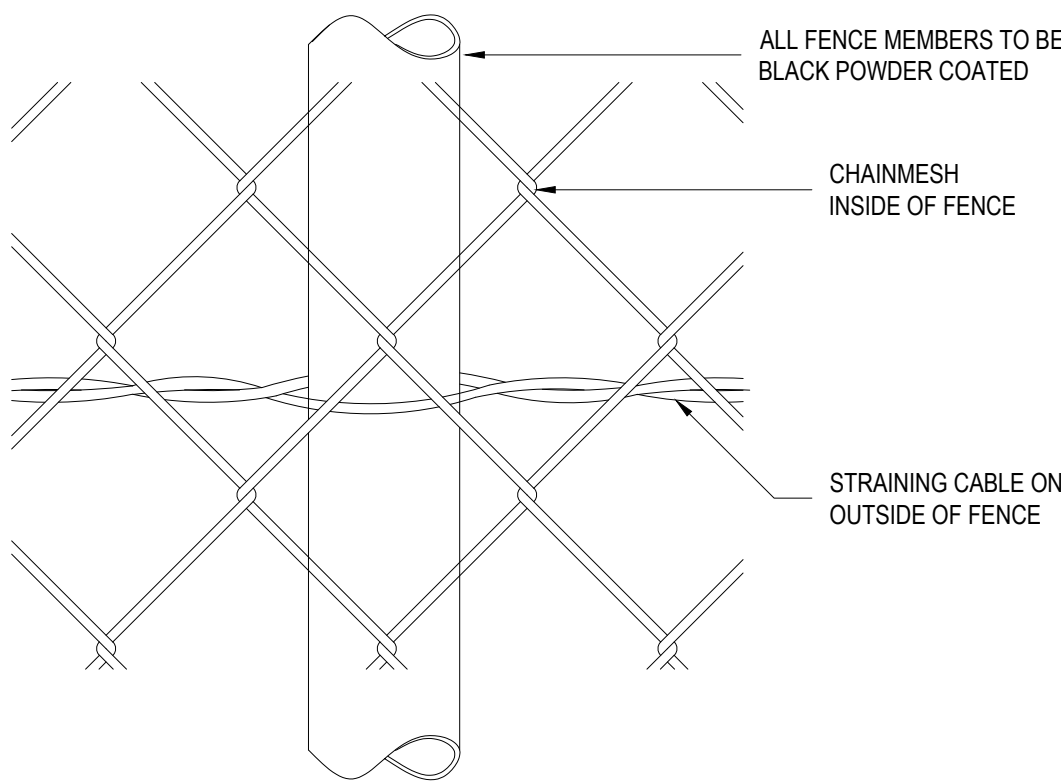
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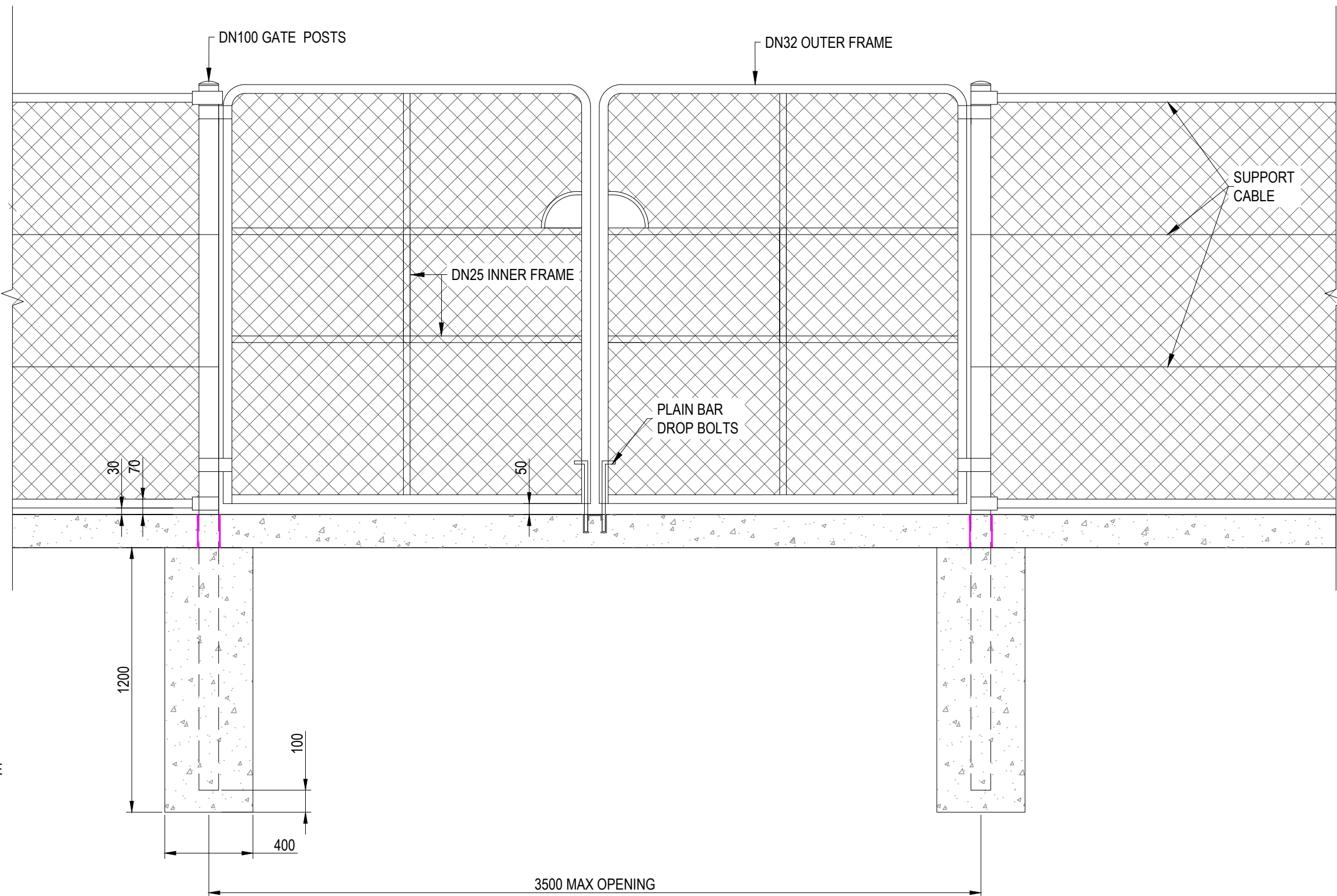
TYPICAL CHAIN MESH FENCE
SCALE 1:20



TYPICAL MESH LACING
DETAIL
NOT TO SCALE



TYPICAL STRAINING CABLE
POST CONNECTION
DETAIL
NOT TO SCALE



TYPICAL CHAIN MESH GATE
SCALE 1:20

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

TABLE B3 FENCE MEMBER DETAILS AND CONCRETE FOOTINGS (BASEPLATES)—CLASS 1 (MEDIUM QUALITY)										
Nominal height of chain link fabric mm	Type of post/rail stay	Nominal size (DN) mm	Quality	Outside diameter (OD)	Minimum wall thickness (t)	Minimum size of concrete footings		Baseplate option for bolting posts to concrete pavement (If required by client, refer to AS1725.1-2010 Appendix F) mm	Minimum size masonry anchors	
						Diameter mm	Depth mm		Diameter hole mm	Depth mm
1800	T-Junction Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type F)	16	110
	Corner Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type F)	16	110
	End Posts	DN80	Medium	88.9	5.0	300	1200	200 x 200 x 8 4-hole (Type F)	16	110
	Intermediate Posts	DN80	Medium	88.9	5.0	300	1200	150 x 150 x 8 4-hole (Type F)		75
	Bracing Rail* or Bracing Stay*	DN40	Medium	48.3	3.2	250	1200		12	75
	Pipe Rail	DN40 or DN32	Medium	48.3 42.4	3.2					
	Optional Backstays	DN40 or DN32	Medium	48.3 42.4	3.2	250	600	75 x 150 x 8 2-hole (Type D)	12	60

TABLE B2 GATE POST DETAILS AND CONCRETE FOOTINGS (BASEPLATES)—CLASS 1 (MEDIUM QUALITY)										
Width range of gate leaf (mm)	Nominal size (DN) mm	Quality	Outside diameter (OD)	Minimum wall thickness (t)	Minimum size of concrete footings		Baseplate option for bolting posts to concrete pavement (If required by client, refer to AS1725.1-2010 Appendix F) mm	Minimum size masonry anchors		
					Diameter mm	Depth mm		Diameter hole mm	Depth mm	
Up to 1200	DN50	Medium	60.3	3.6	250	750	150 x 150 x 8 4-hole (Type E)	12	75	
1300-2400	DN80	Medium	88.9	4.0	300	1000	200 x 200 x 8 4-hole (Type F)	16	110	
2500-3600	DN100	Medium	114.3	4.5	400	1200	300 x 300 x 10 4-hole (Type G)		125	
Backstays when specified	DN32 or 40	Medium	42.4 48.3	3.2	250	600	75 x 150 x 8 2-hole (Type D)	12	60	
Gate arch when specified	DN40	Medium	48.3	3.2	250	600	In - ground concrete footing sizes are designed for firm soil conditions			
							Baseplates only when agreed between purchaser and supplier. To be installed with backstays and or wall brackets where applicable for additional support.			

USE CAST IN POSTS FOR THESE FOOTINGS

USE CAST IN POSTS FOR THESE FOOTINGS

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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Scale

AS SHOWN

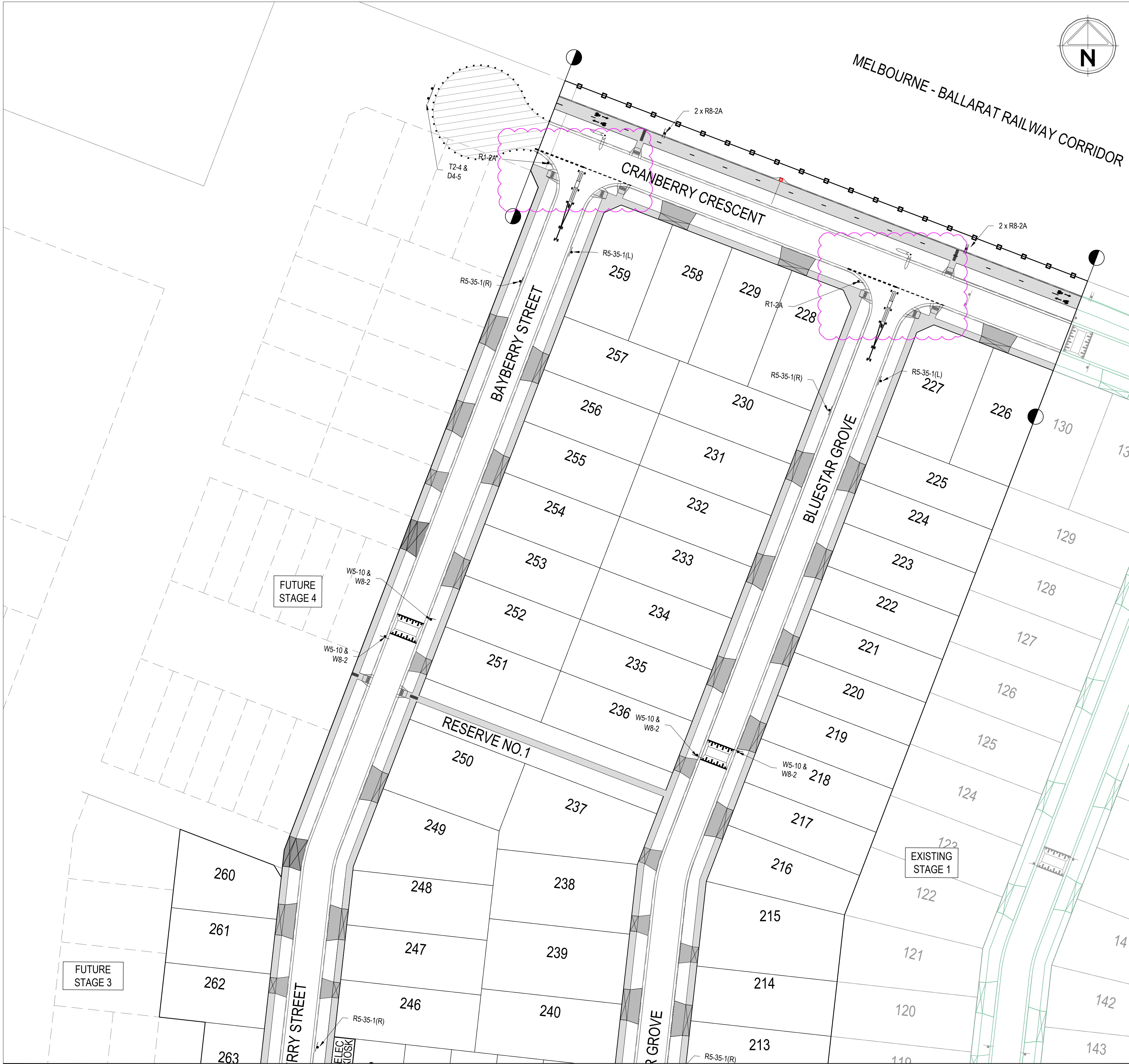
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DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L
STATUS:	

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
STANDARD DETAILS - 5
CHAIN MESH FENCE DETAILS

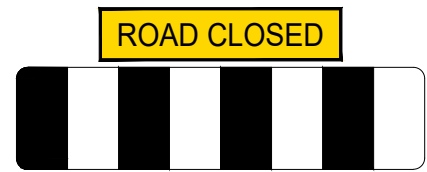
CONSTRUCTION

121912RD28

SHEET No.	28 OF 34
REV.	1



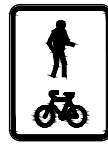
- LEGEND:**
- LINE MARKING AND RRPMS TO AS 1742.1 2014 AND 1742.2 2009. LINE MARKING TO BE INITIALLY (PRIOR TO WEARING COURSE ASPHALT) INSTALLED USING STANDARD ROAD MARKING PAINT.
 - TACTILE GROUND SURFACE (TGS) PAVERS INCLUDING SUPPLY & INSTALL WARNING AND DIRECTIONAL PAVERS AS DETAILED IN ACCORDANCE WITH AS1428.1-2009
- | | |
|--|--|
| | LINEMARKING |
| | GIVEWAY LINE |
| | HOLDING LINE |
| | CONTINUITY LINE |
| | LANE SEPARATION |
| | OFF ROAD DEDICATED CYCLE PATH (TWO WAY) - 3m |
| | RRPM |
| | PAVEMENT MARKINGS |
| | STREET SIGNS AS PER COUNCIL STANDARDS |
| | SIGN & POST (SINGLE/DOUBLE POST) |
| | TGS - HAZARD |
| | TGS - DIRECTIONAL |
| | TEMPORARY CRUSHED ROCK TURNAROUND |



T2-4 ROAD CLOSED
D4-5 OBSTRUCTION MARKER



R1-2A



R8-2



R3-1A



TO CYCLISTS



S1



20

km/h

W5-10 & W8-2

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

NOTE: PRIOR TO ANY WORKS WITHIN 264 PAYNES RD, THORNHILL PARK AND THE ROAD RESERVE OF PAYNES ROAD, ALL PERSONNEL WHO WILL BE INVOLVED IN GROUND DISTURBANCE WORKS WITHIN THE CHMP 17130 ACTIVITY AREA MUST COMPLETE A CULTURAL HERITAGE AWARENESS INDUCTION CONDUCTED BY A REPRESENTATIVE OF THE RAP BEFORE THEY CAN UNDERTAKE THOSE WORKS.

REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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Horizontal: 0 5 10 15 20 25
Vertical: 0 5 10 15 20 25

PM	T. BARBOUR
DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELBOURNE	344 C7
POS No.	PS902801L
STATUS:	CONSTRUCTION

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
SIGNAGE & LINEMARKING - 1

121912RD29

REV. 1

SHEET No. 29 OF 34



LEGEND:	
1.	LINE MARKING AND RRPMS TO AS 1742.1 2014 AND 1742.2 2009. LINE MARKING TO BE INITIALLY (PRIOR TO WEARING COURSE ASPHALT) INSTALLED USING STANDARD ROAD MARKING PAINT.
2.	TACTILE GROUND SURFACE (TGSi) PAVERS INCLUDING SUPPLY & INSTALL WARNING AND DIRECTIONAL PAVERS AS DETAILED IN ACCORDANCE WITH AS1428.1-2009
	LINEMARKING
	GIVEWAY LINE
	HOLDING LINE
	CONTINUITY LINE
	LANE SEPARATION
	OFF ROAD DEDICATED CYCLE PATH (TWO WAY) - 3m
	RRPM
	PAVEMENT MARKINGS

	STREET SIGNS AS PER COUNCIL STANDARDS
	SIGN & POST (SINGLE/DOUBLE POST)
	TGSi - HAZARD
	TGSi - DIRECTIONAL
	TEMPORARY CRUSHED ROCK TURNAROUND



T2-4 ROAD CLOSED
D4-5 OBSTRUCTION MARKER



R1-2A



R8-2



R3-1A



TO CYCLISTS



S1



W5-10
&
W8-2



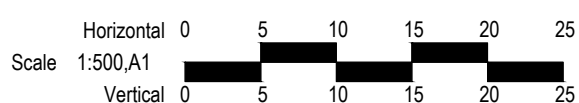
R5-35-1(R)



R5-35-1(L)

PLEASE NOTE, WHILST WORKING ON SITE AT 236 PAYNES ROAD, THORNHILL PARK ANY WORKERS NEED TO BE AWARE THAT THE SITE IMMEDIATELY TO THE SOUTH (264 PAYNES RD, THORNHILL PARK) AND THE ROAD RESERVE OF PAYNES ROAD IS SUBJECT TO CULTURAL HERITAGE MANAGEMENT PLAN 17130 AS APPROVED ON 07 AUGUST 2023. A HARD COPY OF THE CHMP IS LOCATED FOR YOUR REFERENCE IN THE SITE SHED AT 264 PAYNES RD, THORNHILL PARK AND SHOULD BE ACKNOWLEDGED, FOLLOWED AND REFERENCED WHILST WORKING IN CLOSE PROXIMITY TO THE BOUNDARY OF THE CHMP AREAS.

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DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L
STATUS:	

236 PAYNES ROAD - STAGE 2 THE THORNHILL GARDENS CITY OF MELTON SIGNAGE & LINEMARKING - 2


CONSTRUCTION

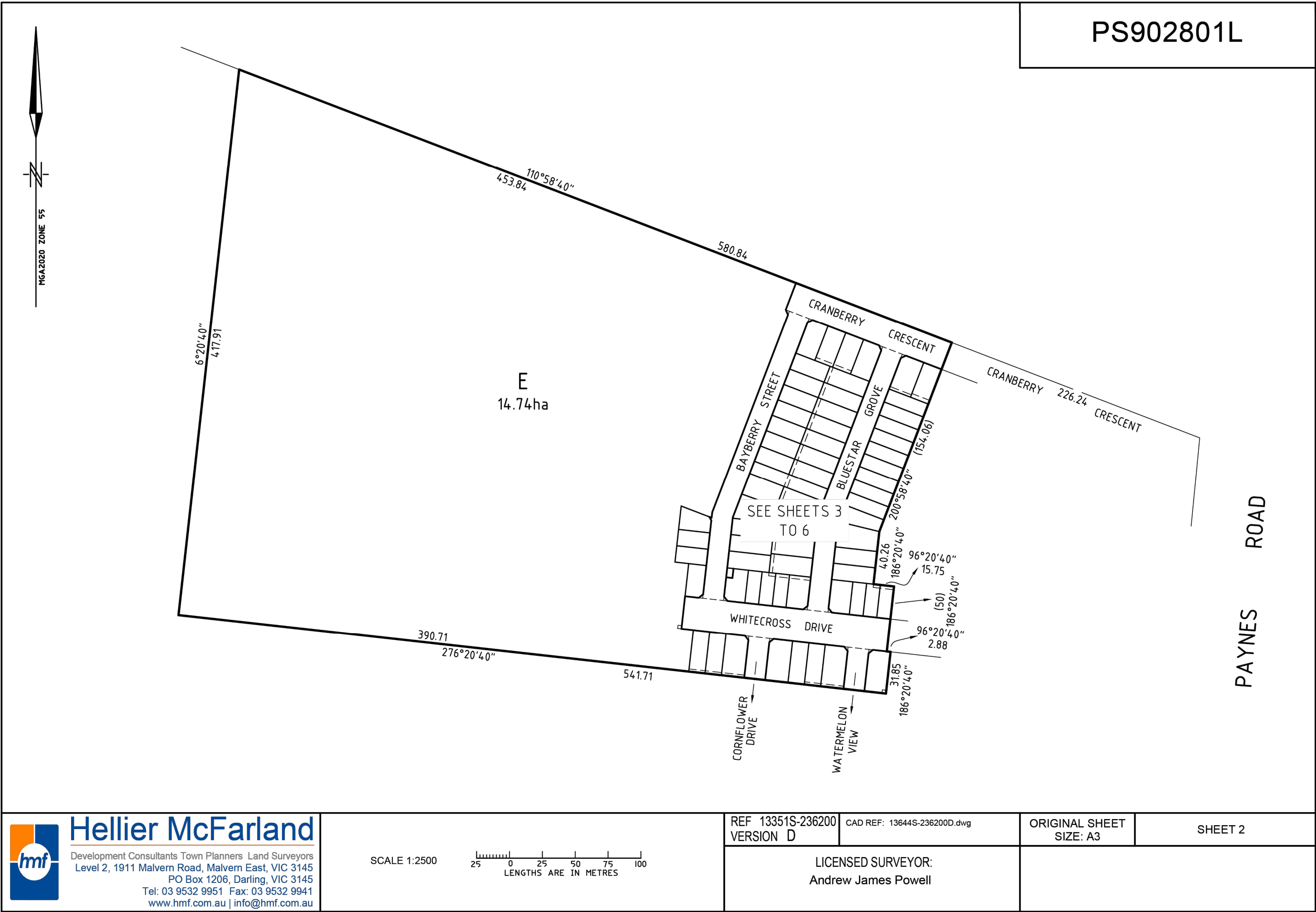
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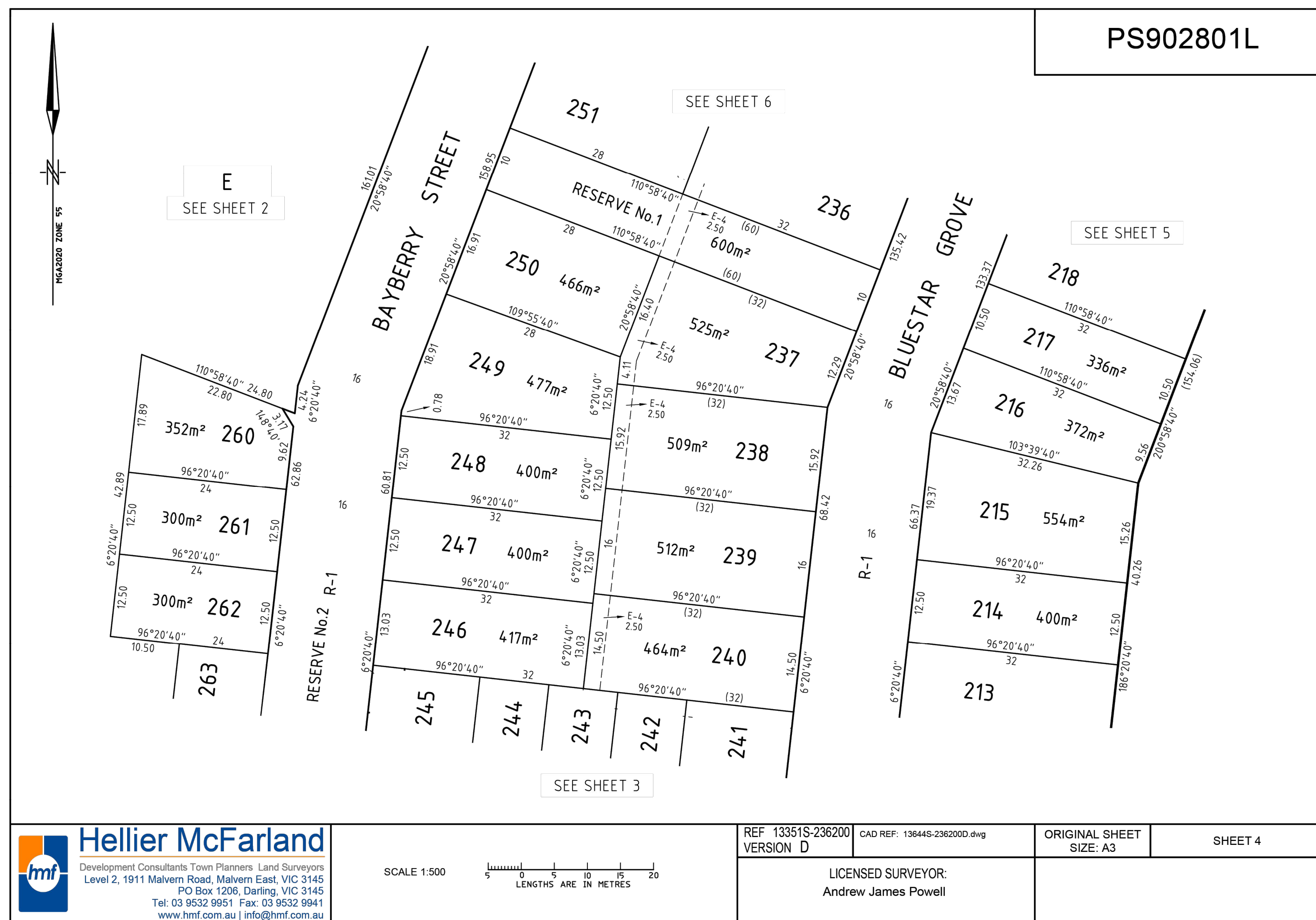
REV. 1

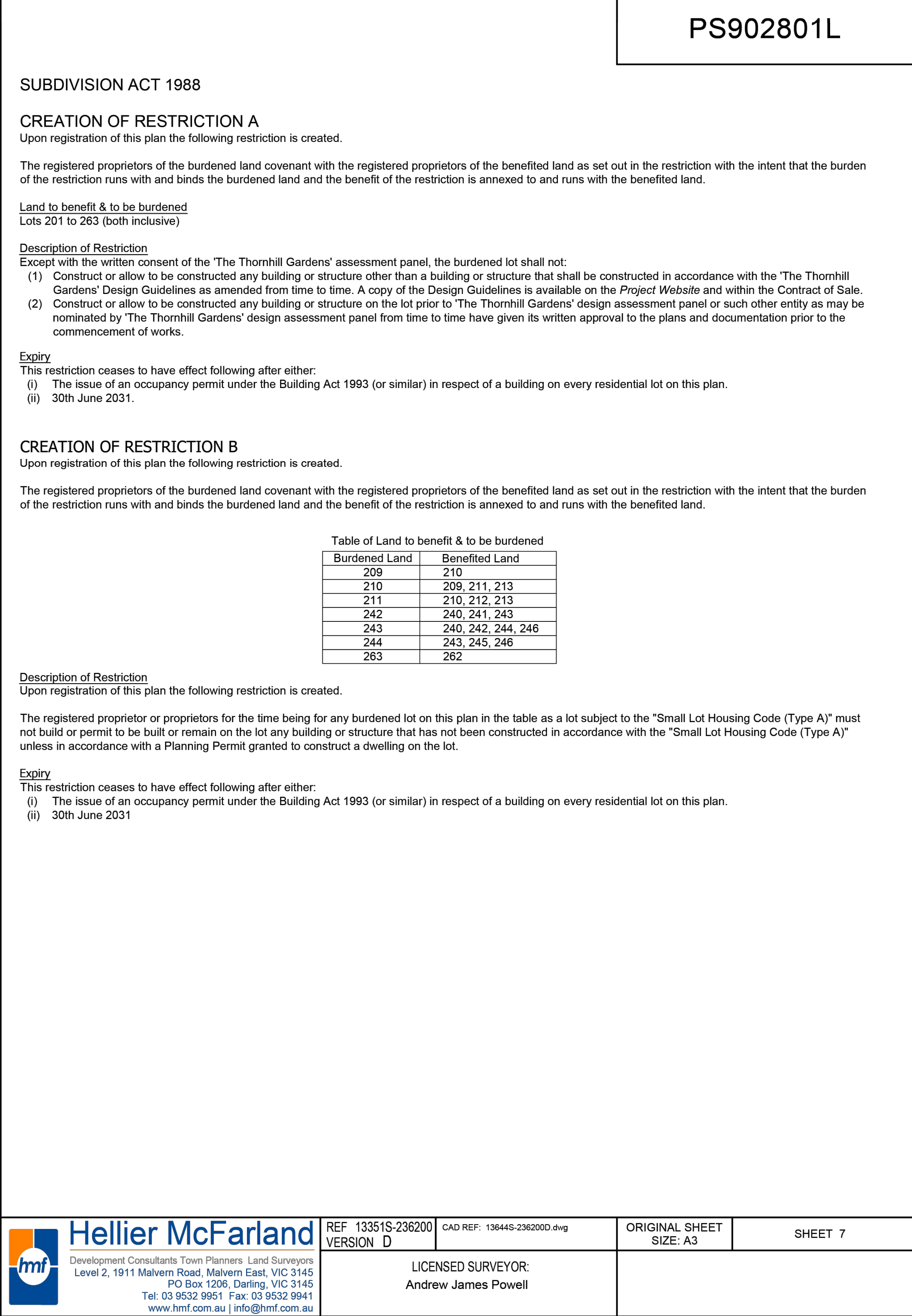
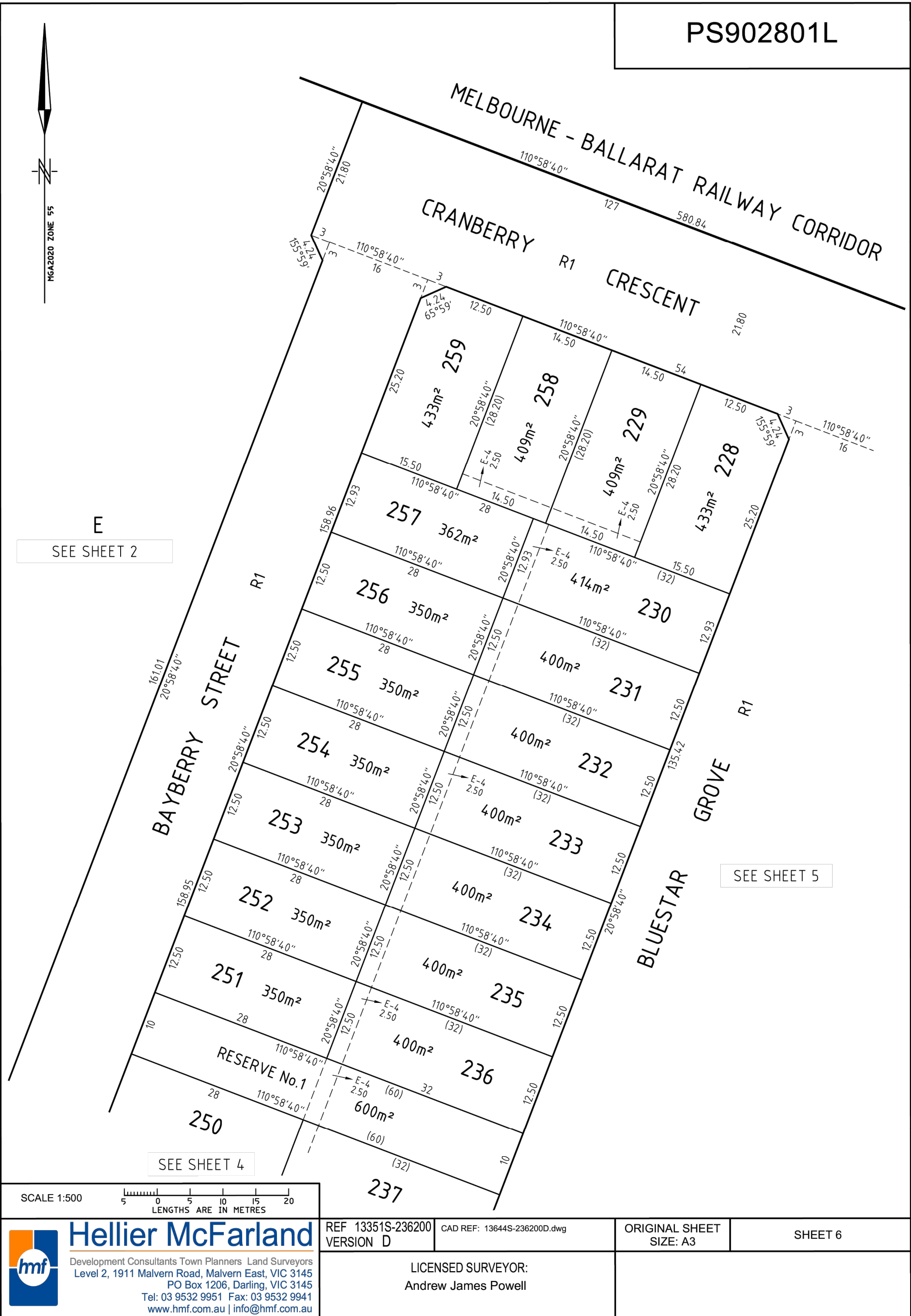
REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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FILE: C:\121912S_Workspace\data\AUMEL\SD\01121912_879\PM02 DESIGN\G01 DESIGN\ACAD\121912 RD&LM.dwg LAYOUT: RD&02 PLOTTED BY: Wong, James PLOT DATE: 25/7/2024 11:06 PM

PLAN OF SUBDIVISION		EDITION 1		PS902801L	
Location of Land Parish: KOROROIT Township: - Section: 8 Crown Allotment: 9 (PART) Crown Portion: - Title References: VOL FOL Last Plan Reference: LOT C ON PS838322E Postal Address: 236 - 262 PAYNES ROAD (At time of subdivision) THORNHILL PARK 3335 MGA2020 Co-ordinates: E 291 270 Zone 55 (of approx. centre of plan) N 5 822 250		COUNCIL NAME : MELTON CITY COUNCIL <div>WARNING: ALL INFORMATION SHOWN ON THIS PLAN (INCLUDING ALL SUBSEQUENT SHEETS) IS PROVISIONAL AND HAS BEEN PREPARED FOR CONTRACT OF SALE AND/OR PLANNING PERMIT PURPOSES. THIS PLAN MAY BE SUBJECT TO CHANGES SUCH AS BOUNDARY DEFINITIONS, LOT LAYOUTS, OWNERS CORPORATION ENTITLEMENT & LIABILITY DATA AND ALSO FROM THE PROCESSES OF APPROVAL BY STATUTORY AUTHORITIES, CERTIFICATION BY LOCAL COUNCIL AND LAND VICTORIA REGISTRATION.</div>			
VESTING OF ROADS AND/OR RESERVES		NOTATIONS			
IDENTIFIER		COUNCIL/BODY/PERSON			
ROAD R1 RESERVE No.1 RESERVE No.2		MELTON CITY COUNCIL MELTON CITY COUNCIL POWERCOR AUSTRALIA LTD			
NOTATIONS		LOTS A TO D AND 1 TO 200 (ALL INCLUSIVE) AND EASEMENT REFERENCE E-2 HAVE BEEN OMITTED FROM THIS PLAN. FOR RESTRICTION A AFFECTING LOTS 201 TO 263 (BOTH INCLUSIVE) SEE SHEET 7 FOR RESTRICTION B AFFECTING LOTS 209 TO 211 AND 242 TO 244 (ALL INCLUSIVE) SEE SHEET 7 OTHER PURPOSES OF PLAN ANY EASEMENTS SHOWN ON PREVIOUS PLANS AS IT AFFECTS ROADS R1 ON THIS PLAN ARE REMOVED VIDE SCHEDULE 5, CLAUSE 14 OF THE ROAD MANAGEMENT ACT 2004.			
DEPTH LIMITATION DOES NOT APPLY					
Staging This is not a staged subdivision. Planning Permit No. PA2018/6025/1 Survey: This plan is based on survey. This survey has been connected to Permanent Marks no(s). In Proclaimed Survey Area No.					
THE THORNHILL GARDENS: STAGE 2 - 63 LOTS AREA OF STAGE - 3.996ha					
EASEMENT INFORMATION					
LEGEND: A - Appurtenant Easement E - Encumbering Easement R - Encumbering Easement (Road)					
Reference Easement	Purpose	Width (Metres)	Origin	Land Benefited/In Favour Of	
E-1	DRAINAGE	3	PS838322E	MELTON CITY COUNCIL	
	SEWERAGE			GREATER WESTERN WATER CORPORATION	
E-3	SEWERAGE	2.50	PS838322E	GREATER WESTERN WATER CORPORATION	
E-4	SEWERAGE	2.50	THIS PLAN	GREATER WESTERN WATER CORPORATION	
E-5	DRAINAGE	2	THIS PLAN	MELTON CITY COUNCIL	
 Hellier McFarland Development Consultants Town Planners Land Surveyors Level 2, 1911 Malvern Road, Malvern East, VIC 3145 PO Box 1206, Darling, VIC 3145 Tel: 03 9532 9951 Fax: 03 9532 9941 www.hmf.com.au info@hmf.com.au		REF 13644S-236200 VERSION D	CAD REF: 13644S-2362000.dwg	ORIGINAL SHEET SIZE: A3	SHEET 1 OF 7
		LICENSED SURVEYOR: Andrew James Powell			



[illegible]



REV.	AMENDMENTS	APP'D	DATE
1	AMENDED LINEMARKING	T. BARBOUR	25.07.2024
0	ISSUED FOR CONSTRUCTION	T. BARBOUR	09.02.2024

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.



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Vertical 0 10 20 30 40 50

PM	T. BARBOUR
DESIGNED	23.08.2023
S. FALKENSTEIN	
CHECKED	23.08.2023
T. BARBOUR	
AUTHORISED	23.08.2023
T. BARBOUR	
MELWAYS	344 C7
POS No.	PS902801L

236 PAYNES ROAD - STAGE 2
THE THORNHILL GARDENS
CITY OF MELTON
PLAN OF SUBDIVISION - 4

STATUS:	CONSTRUCTION	121912RD34	SHEET No.	34 OF 34
REV.	1			