

SHEET LIST TABLE

SHEET NO.	SHEET TITLE
C001	COVER SHEET
C002	SURVEY SETOUT PLAN
C003	OVERALL SERVICES LAYOUT
C004	SAFETY IN DESIGN
C100	ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1
C101	ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2
C200	BULK EARTHWORKS LAYOUT PLAN - SHEET 1
C201	BULK EARTHWORKS LAYOUT PLAN - SHEET 2
C210	BULK EARTHWORKS NOTES AND DETAILS - SHEET 1
C211	BULK EARTHWORKS NOTES AND DETAILS - SHEET 2
C220	EARTHWORKS SUBGRADE ROCK PREPARATION DETAILS
C230	RETAINING WALL SUBSOIL DRAINAGE PLAN - SHEET 1
C231	RETAINING WALL SUBSOIL DRAINAGE PLAN - SHEET 2
C300	ROADWORKS NOTES AND DETAILS
C310	ROAD 115 LONG SECTION
C311	ROAD 115 CROSS SECTIONS - SHEET 1
C312	ROAD 115 CROSS SECTIONS - SHEET 2
C313	ROAD 115 CROSS SECTIONS - SHEET 3
C314	ROAD 117 LONG SECTION
C315	ROAD 117 CROSS SECTIONS
C316	ROAD 119 LONG AND CROSS SECTIONS
C317	ROAD 120 LONG AND CROSS SECTIONS
C318	ROAD 121 LONG AND CROSS SECTIONS
C319	ROAD 126 LONG AND CROSS SECTIONS
C320	DRIVEWAY 15 LONG AND CROSS SECTIONS
C321	INTERSECTION DETAILS LAYOUT - SHEET 1
C322	INTERSECTION DETAILS LAYOUT - SHEET 1
C330	PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 1
C331	PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 2
C400	STORMWATER CATCHMENT LAYOUT PLAN
C410	STORMWATER DRAINAGE LONG SECTIONS - SHEET 1
C411	STORMWATER DRAINAGE LONG SECTIONS - SHEET 2
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C430	STORMWATER DRAINAGE STRUCTURE DETAILS - SHEET 1
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C440	STORMWATER CALCULATIONS 39% AEP STORM - SHEET 1
C441	STORMWATER CALCULATIONS 39% AEP STORM - SHEET 2
C442	STORMWATER CALCULATIONS 1% AEP STORM - SHEET 1
C443	STORMWATER CALCULATIONS 1% AEP STORM - SHEET 2
C500	SEWERAGE LOCALITY PLAN & NOTES
C510	SEWERAGE LAYOUT PLAN - SHEET 1
C511	SEWERAGE LAYOUT PLAN - SHEET 2
C520	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 1
C521	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 2
C522	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 3
C523	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 4
C524	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 5
C530	SEWERAGE NOTES AND DETAILS
C600	WATER RETICULATION LOCALITY PLAN & NOTES
C610	WATER RETICULATION LAYOUT PLAN - SHEET 1
C611	WATER RETICULATION LAYOUT PLAN - SHEET 2
C620	WATER LIVE CONNECTION AND TYPICAL DETAILS
C700	OVERALL EROSION & SEDIMENT CONTROL KEY PLAN
C701	EROSION AND SEDIMENT CONTROL - BULK EARTHWORKS PHASE
C702	EROSION AND SEDIMENT CONTROL - STABILISATION PHASE
C710	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
C900	TEMPORARY WORKS - ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1
C901	TEMPORARY WORKS - ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2

# EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT TEVIOT ROAD, GREENBANK FOR MIRVAC QLD PTY LTD

**GENERAL NOTES**

- ALL DIMENSIONS GIVEN ON THESE DRAWINGS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL NEW WORK AND MATERIALS SHALL COMPLY WITH CURRENT RELEVANT COUNCIL STANDARDS AND SPECIFICATIONS.
- ALL WORK SHALL BE JOINED NEATLY TO EXISTING CONSTRUCTION.
- THE CONTRACTOR IS TO LOCATE, IDENTIFY AND ESTABLISH THE CONNECTIVITY OF ALL EXISTING SERVICES WITHIN THE LIMITS OF PROPOSED WORKS AND CONFIRM THIS INFORMATION WITH THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEASURING DEVICES, SAFETY EQUIPMENT AND MACHINERY REQUIRED TO CARRY OUT INSPECTIONS/MEETINGS AS SPECIFIED OR REQUESTED BY THE ENGINEER.
- CONSTRUCTION CERTIFICATION REQUIREMENTS SUCH AS PAVEMENT PROOF ROLLS ETC. ARE TO BE AS PER THE LOGAN CITY COUNCIL SPECIFICATION.
- THESE NOTES SHALL APPLY TO ALL PORTIONS OF WORK.
- THE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS. ANY POINT OF CONFLICT WILL BE RESOLVED BY THE SUPERINTENDENT.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A CONSTRUCTION MANAGEMENT PLAN FOR THE SITE TO BE ACCEPTED BY EDQ. THIS PLAN IS TO INCLUDE ALL ITEMS AS LISTED IN THE DECISION NOTICE AS A MINIMUM.

**NOISE**

- ALL PLANT AND EQUIPMENT SHALL BE CONTROLLED TO MINIMISE NOISE EMISSION IN ACCORDANCE WITH AS2436 (GUIDE TO NOISE CONTROL ON CONSTRUCTION, MAINTENANCE AND DEMOLITION). THE SITE WORKING HOURS SHOULD BE IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS. WHERE NOT SPECIFIED THE HOURS SHALL BE:  
MONDAY - SATURDAY 7:00am to 6:00pm  
SUNDAY OR PUBLIC HOLIDAY NO WORK PERMITTED

**PRE-CONSTRUCTION & APPROVALS**

- NO LOCATING/POTHOLING OF EXISTING SERVICES HAS BEEN CARRIED OUT. THE CONTRACTOR IS TO DETERMINE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES WHICH AFFECT THE WORKS AND REPORT ANY POTENTIAL CLASHES TO THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.
- THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING WITH THE APPROPRIATE AUTHORITY FOR LOCATING EXISTING SERVICES AND FOR ANY MODIFICATIONS TO EXISTING SERVICES REQUIRED AS A RESULT OF THE WORKS.
- THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING SERVICES FROM DAMAGE.
- ANY WORKS DAMAGED AS A RESULT OF CONSTRUCTION ARE TO BE REINSTATED TO RELEVANT AUTHORITY'S REQUIREMENTS AT THE CONTRACTORS COST.
- FINISHED SURFACE LEVELS ARE TO BE GRADED UNIFORMLY BETWEEN LEVELS INDICATED ON THE DRAWINGS.

**WORKPLACE HEALTH & SAFETY**

- THE CONTRACTOR SHALL BE THE PRINCIPAL CONTRACTOR AS DESIGNATED BY THE WORK HEALTH AND SAFETY ACT (2011).
- THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A WORKPLACE HEALTH AND SAFETY PLAN AS REQUIRED BY THE WORK HEALTH AND SAFETY ACT (2011).

**SETOUT NOTES**

- CO-ORDINATE SETOUT PROVIDED ON THESE DRAWINGS IS BASED ON A CO-ORDINATE BASE PROVIDED ON THE DETAIL SURVEY DRAWING 7598 S 02 DTH, PREPARED BY SAUNDERS HAVILL GROUP. REFERENCE MARKS AND CORRESPONDING CO-ORDINATES ARE PROVIDED ON DRAWING C002.
- THE LEVEL DATUM FOR WORKS IS A.H.D (AUSTRALIAN HEIGHT DATUM).



LOCALITY PLAN  
Scale 1:5000



**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB
			REC	APP

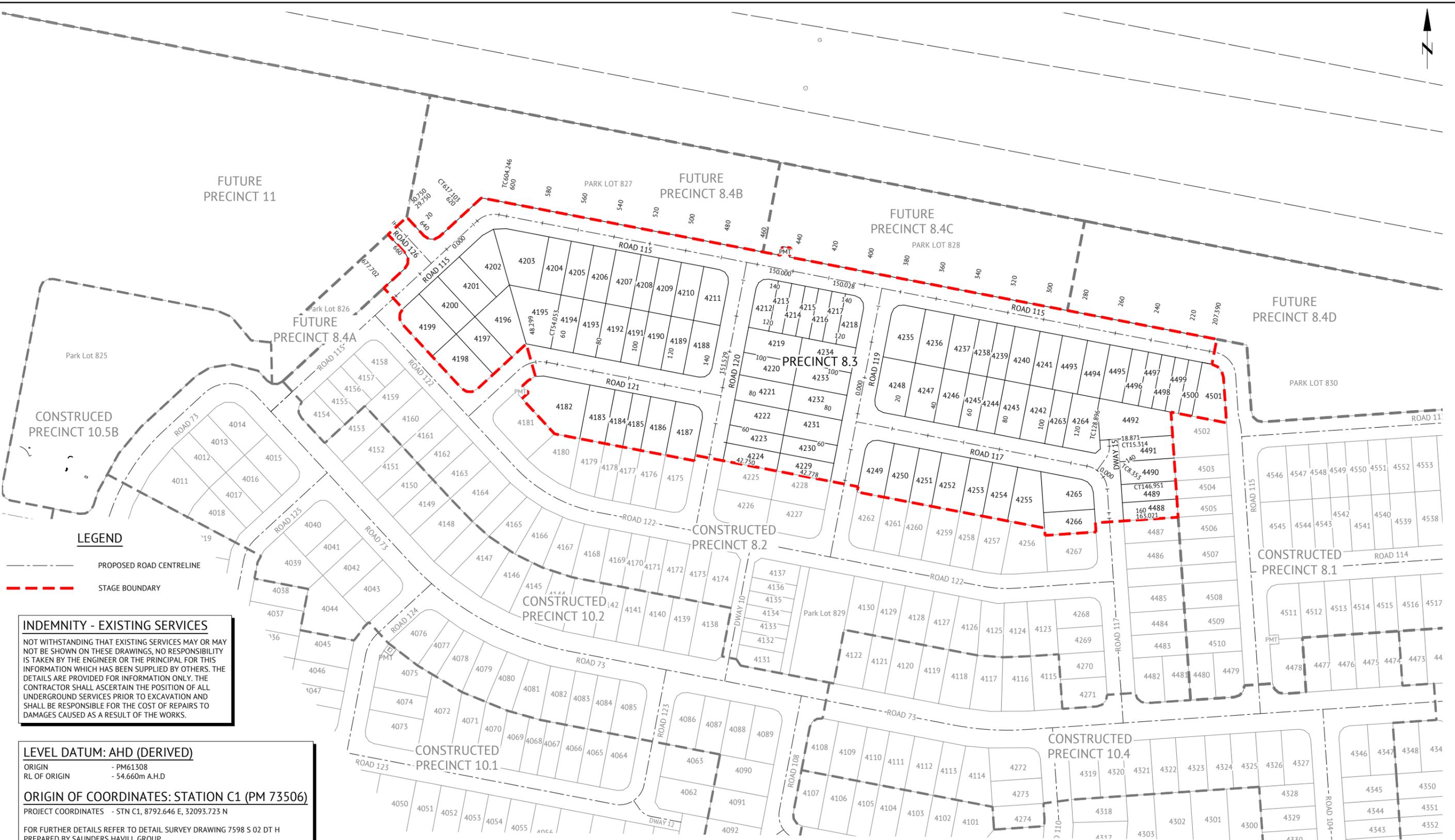
**Premise**  
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CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
KPEQ 7112

SCALE  
0 100 200 300m  
SCALE 1:5000 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
COVER SHEET

JOB CODE  
MIR-0803  
SHEET NUMBER  
C001  
REV  
B



**LEGEND**

- PROPOSED ROAD CENTRELINE
- - - - - STAGE BOUNDARY

**INDEMNITY - EXISTING SERVICES**

NOT WITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.

**LEVEL DATUM: AHD (DERIVED)**

ORIGIN - PM61308  
 RL OF ORIGIN - 54.660m A.H.D

**ORIGIN OF COORDINATES: STATION C1 (PM 73506)**

PROJECT COORDINATES - STN C1, 8792.646 E, 32093.723 N

FOR FURTHER DETAILS REFER TO DETAIL SURVEY DRAWING 7598 S 02 DT H PREPARED BY SAUNDERS HAVILL GROUP.

**SITE AREA**

49,128m<sup>2</sup>

**REAL PROPERTY DESCRIPTION**

LOT 2 on SP297192

**LAYOUT PLAN**

SCALE 1:1000

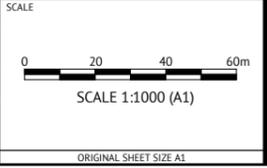
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DATE	REV	DESCRIPTION	REC	APP
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*[Signature]*  
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CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

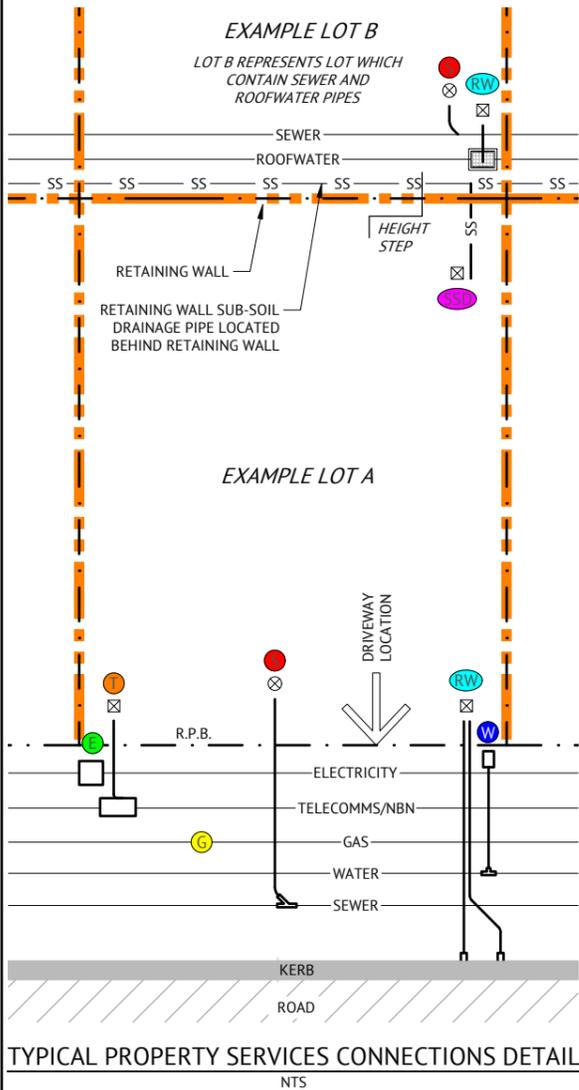
LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**SURVEY SETOUT PLAN**

JOB CODE  
**MIR-0803**

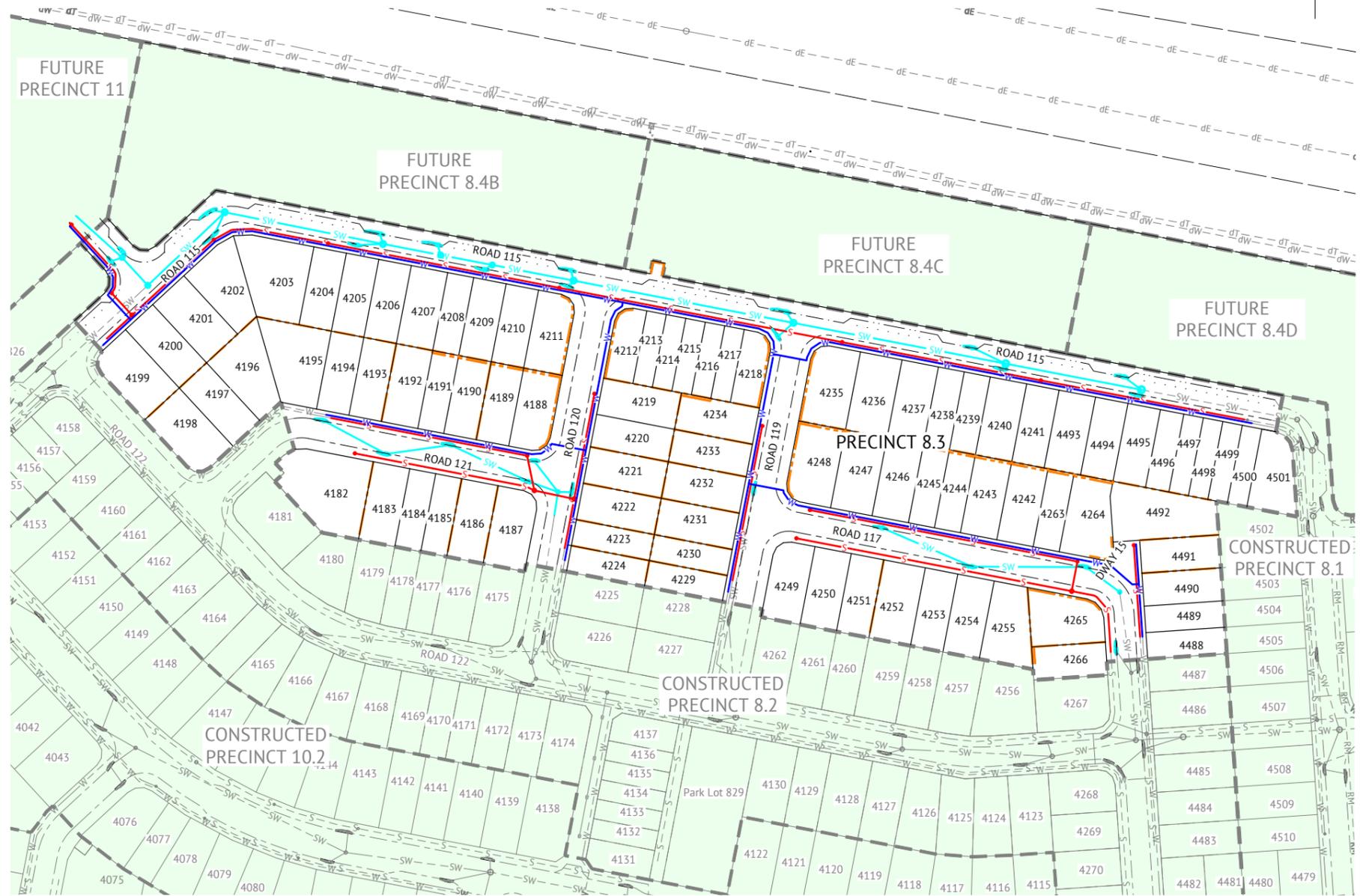
SHEET NUMBER  
**C002**

REV  
**B**



**LEGEND - PROPERTY SERVICE CONNECTIONS**

- W **WATER** - POLY SERVICE FROM WATER MAIN, METER BOX & COVER INSTALLED. BUILDER TO MAKE APPLICATION TO LOGAN CITY COUNCIL FOR METER ASSEMBLY SUPPLY AND INSTALLATION. WHERE WATER METER IS LOCATED BEHIND RETAINING WALL, 25mm POLYPIPE WILL BE SUPPLIED UNDER WALL INTO LOT AND WILL BE MARKED WITH 900x50x25 HW STAKE LABELLED "WATER".
- S **SEWER** - CAPPED Ø100 PVC PIPE (BURIED MAX 1.5m). MARKED WITH 40Ø ORANGE PVC CONDUIT SECURELY TAPED TO H.W. STAKE AT SURFACE (BURIED TO CAPPED PIPE). CONDUIT LABELLED "SEWER".
- RW **ROOFWATER** - CONNECTION LOCATION CAN BE EITHER FRONT OF LOT VIA KERB ADAPTOR OUTLET TO ROAD, OR REAR OF LOT INTO ROOFWATER DRAINAGE PIPE VIA PIT. CAPPED PVC Ø100 PIPES (BURIED MAX 1.5m) MARKED WITH 900x50x25 HW STAKE LABELLED "ROOFWATER".
- SSD **RETAINING WALL SUB-SOIL DRAINAGE** - OUTLET POINT TO LOT FOR RETAINING WALL SUB-SOIL DRAINAGE TO BE CONNECTED TO YARD DRAINAGE BY BUILDER. Ø100 NON-SLOTTED AGG PIPE CAPPED AND TERMINATED 200m ABOVE SURFACE. PVC DUCT TAPED TO 900x50x25 HW STAKE LABELLED "RETAINING WALL SUBSOIL OUTLET".
- T **TELECOMMUNICATIONS/NBN** - PVC CONDUIT (BURIED APPROX 300mm). MARKED WITH 900x50x25 HW STAKE LABELLED "TELECOMMS".
- E **ELECTRICITY** - ELECTRICITY PILLAR EXISTS IN ROAD VERGE. BUILDER TO MAKE APPLICATION WITH ENERGY PROVIDER FOR SERVICE INSTALLATION TO LOT. WHERE ELECTRICITY PILLAR IS LOCATED BEHIND RETAINING WALL, CONDUIT WILL BE SUPPLIED UNDER WALL INTO LOT AND WILL BE MARKED WITH 900x50x25 HW STAKE LABELLED "ELECTRICITY".
- G **GAS** - GAS MAIN EXISTS IN ROAD VERGE. BUILDER/HOME OWNER TO MAKE APPLICATION TO GAS PROVIDER FOR SERVICE INSTALLATION TO LOT.
- RETAINING WALL**
- ⊗ **SERVICE TERMINATION POINT MARKER. 900x50x25 HW STAKE, OR 40Ø ORANGE PVC CONDUIT STAKE**



**LAYOUT PLAN**  
SCALE 1:1000

**LEGEND - PROPOSED**

- SW — STORMWATER
- W — WATER
- S — GRAVITY SEWER

**LEGEND - CONSTRUCTED**

- - - SW - - - STORMWATER
- - - S - - - GRAVITY SEWER
- - - RM - - - SEWER RISING MAIN
- - - W - - - WATER

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0 20 40 60m  
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ORIGINAL SHEET SIZE A1

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**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**OVERALL SERVICES LAYOUT**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C003**  
REV  
**B**

**DESIGN HAZARD NOTES:**

- PREMISE, HAVING BEEN COMMISSIONED TO CARRY OUT DETAILED DESIGN AND DOCUMENTATION OF THESE WORKS, CONFIRM THAT THE PREMISE DRAWING SET HAS BEEN INTERNALLY REVIEWED FOR DESIGN SAFETY IN ACCORDANCE WITH SECTION 22 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD.
- THIS REPORT SUMMARISES AN INTERNAL REVIEW OF PREMISE'S DETAILED DESIGN DRAWINGS FOR DESIGN SAFETY.
- THIS REPORT IN NO WAY RELIEVES THE PRINCIPAL, CONTRACTOR OR ANY OTHER PARTY OF THEIR OWN OBLIGATIONS AND RESPONSIBILITIES UNDER THE WORK HEALTH AND SAFETY ACT 2011 QLD, INCLUDING (BUT NOT LIMITED TO) CONSULTATION WITH THE DESIGNER UNDER SECTION 294 OF THE ACT, THE PREPARATION OF SATISFACTORY SAFE WORK METHOD STATEMENTS AND DUTIES OF CARE.
- IT IS A REQUIREMENT UNDER SECTION 296 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD, THAT A COPY OF THIS REPORT BE PROVIDED TO THE CONTRACTOR BY THE ENTITY COMMISSIONING THE WORK SHOWN OF THE PREMISE DRAWINGS.
- AS PER THE DEPARTMENT OF JUSTICE AND THE ATTORNEY-GENERAL- WORKPLACE HEALTH AND SAFETY QUEENSLAND, A WRITTEN REPORT IS NOT REQUIRED FOR DESIGNS THAT HAVE TYPICAL FEATURES.

CONSEQUENCE TABLE		
LEVEL	CONSEQUENCE	COST/TIME
5 - CATASTROPHIC	FATALITY OR MULTIPLE PERSONS ONSITE WITH LIFE THREATENING HEALTH EFFECT OR INABILITY TO CONTINUE	HUGE FINANCIAL OR TIME LOSS
4 - MAJOR	EXTENSIVE INJURIES, OR ONSET OF SEVERE OR LIFE THREATENING HEALTH EFFECT TO SINGLE PERSON ONSITE. MULTIPLE PERSONS WITH ONSET OF IRREVERSIBLE HEALTH EFFECTS. PERMANENT INJURY TO PERSON ONSITE.	MAJOR FINANCIAL OR TIME LOSS
3 - MODERATE	MEDICAL TREATMENT REQUIRED. IRREVERSIBLE HEALTH EFFECT TO A SINGLE PERSON. MULTIPLE PERSONS ONSITE WITH REVERSIBLE HEALTH EFFECTS.	HIGH FINANCIAL OR TIME LOSS
2 - MINOR	FIRST AID, SINGLE OR MULTIPLE INJURIES AMONGST PERSONS ONSITE. SINGLE PERSON ONSITE WITH MODERATE SHORT TERM REVERSIBLE HEALTH EFFECTS.	MEDIUM FINANCIAL OR TIME LOSS
1 - INSIGNIFICANT	NO INJURIES. OVER EXPOSURE TO A SINGLE PERSON ONSITE, BUT NO REPORTED HEALTH EFFECTS.	LOW FINANCIAL OR TIME LOSS

**CONSTRUCTION HAZARD NOTES:**

- UNDER THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011, THE WORK HEALTH AND SAFETY REGULATION 2011 AND OTHER LEGISLATION AND GUIDELINES, THE PRINCIPAL CONTRACTOR HAS SPECIFIC OBLIGATIONS IN RELATION TO THE SAFE OPERATION OF THE SITE AND OF THE WORKS.  
TO ASSIST THE PRINCIPAL CONTRACTOR IN COMPLYING WITH THESE OBLIGATIONS THE PROJECT DESIGNERS HAVE IDENTIFIED BY DRAWING NOTES, AREAS WHERE POTENTIAL HAZARDS MAY ARISE. THESE NOTES OR ADVICE, SHALL NOT NECESSARILY BE CONSIDERED COMPLETE AND ARE BASED UPON THE DESIGNERS' UNDERSTANDING OF THE SAFETY RISKS ASSOCIATED WITH THE WORKS.  
THESE NOTES OR ADVICE SHALL NOT RELIEVE THE PRINCIPAL CONTRACTOR OF ANY OBLIGATION UNDER THE RELEVANT LEGISLATION OR GUIDELINE. THE PRINCIPAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR THE PREPARATION OF AN APPROPRIATE WORK HEALTH SAFETY MANAGEMENT PLAN AND SAFE WORK METHOD STATEMENTS FOR THE SITE.
- PURSUANT TO THE WORK HEALTH AND SAFETY ACT 2011 WE HEREBY ADVISE THAT OUR DESIGN SAFETY REVIEW HAS IDENTIFIED UNUSUAL OR ATYPICAL DESIGN FEATURES THAT MAY PRESENT ADDITIONAL HAZARDS OR RISKS DURING THE CONSTRUCTION PHASE AND THESE ARE LISTED IN THE CONSTRUCTION HAZARD SCHEDULE.

RISK ANALYSIS MATRIX						
		1 - INSIGNIFICANT	2 - MINOR	3 - MODERATE	4 - MAJOR	5 - CATASTROPHIC
LIKELIHOOD	A - ALMOST CERTAIN	MODERATE	HIGH	EXTREME	EXTREME	EXTREME
	B - LIKELY	MODERATE	HIGH	HIGH	EXTREME	EXTREME
	C - POSSIBLE	LOW	MODERATE	HIGH	EXTREME	EXTREME
	D - UNLIKELY	LOW	LOW	MODERATE	HIGH	EXTREME
	E - RARE	LOW	LOW	MODERATE	HIGH	HIGH

RISK EVALUATION TABLE	
RISK LEVEL	ACTION REQUIRED
EXTREME	UNACCEPTABLE RISK. RE-DESIGN REQUIRED. DO NOT PROCEED WITHOUT ADDITIONAL CONTROLS.
HIGH	UNACCEPTABLE RISK. ADDITIONAL CONTROLS NEEDED. CONSIDER FURTHER REVIEW AND CONSIDER RE-DESIGN
MODERATE	RISK MAY BE ACCEPTABLE. MANAGEMENT TO DETERMINE ACTIONS REQUIRED
LOW	ACCEPTABLE. MANAGE RISK THROUGH ROUTINE PROCEDURES AND OTHER ADMINISTRATIVE CONTROLS

LIKELIHOOD TABLE		
LEVEL	DESCRIPTION	QUANTIFICATION GUIDE
A - ALMOST CERTAIN	THE EVENT <u>IS</u> EXPECTED TO OCCUR IN MOST CERTAIN CIRCUMSTANCES	MORE THAN ONCE PER YEAR
B - LIKELY	THE EVENT <u>WILL</u> PROBABLY OCCUR IN MOST CIRCUMSTANCES	AT LEAST ONCE IN 5 YEARS
C - POSSIBLE	THE EVEN T <u>SHOULD</u> OCCUR AT SOME TIME	AT LEAST ONCE IN 10 YEARS
D - UNLIKELY	THE EVENT <u>COULD</u> OCCUR AT SOME TIME	AT LEAST ONCE IN 30 YEARS
E - RARE	THE EVENT <u>MAY</u> OCCUR IN EXCEPTIONAL CIRCUMSTANCES	LESS THAN ONCE IN 30 YEARS

DESIGN HAZARD SCHEDULE					
ITEM	DESIGN HAZARD	POTENTIAL HAZARD	RISK	ELIMINATION / MINIMISATION OF HAZARD / RISK	RESIDUAL RISK
D1	URBAN LAYOUT HAZARD	THE URBAN LAYOUT IS DESIGNED AROUND A PARTICULAR HAZARD :- - INTERSECTION IS UNCLEAR WHICH ROAD HAS PRIORITY	HIGH	THE HAZARD HAS BEEN REDUCED/ELIMINATED BY:- - LINE MARKED INTERSECTION TO ENSURE IT IS CLEAR WHICH ROAD HAS PRIORITY - DESIGN VEHICLE SWEEP PATH CHECKED FOR COMPLIANCE	LOW
D2	EXISTING UNDERGROUND / OVERHEAD SERVICES HAZARD	EXISTING UNDERGROUND AND/OR OVERHEAD SERVICES HAZARD EXIST ON SITE AND NEEDS TO BE REMOVED AND RELOCATED.	HIGH	THE DESIGN OF THE PROJECT HAS INCORPORATED THE RELOCATION OF THESE EXISTING SERVICES AND THE CONTRACTOR IS TO BE MADE AWARE OF THESE EXISTING SERVICES AND TAKE ALL ACTIONS NECESSARY TO MITIGATE THIS HAZARD DURING CONSTRUCTION.	MEDIUM
D3	DEEP EXCAVATION HAZARD	DEEP EXCAVATION IS REQUIRED TO INSTALL SEWER TO SERVICE STRUCTURE.	HIGH	THE DEEP EXCAVATION HAZARD CANNOT BE AVOIDED AND THE CONTRACTOR WILL NEED TO TAKE ALL ACTIONS NECESSARY TO ADDRESS THIS HAZARD DURING CONSTRUCTION.	MEDIUM
D4	HIGH RETAINING WALLS	SOME AREAS OF WORKS CONTAIN HIGH RETAINING WALLS WHERE LAND MORPHOLOGY DICTATES.	HIGH	HIGH RETAINING WALLS CANNOT BE AVOIDED DUE TO EXISTING LAND MORPHOLOGY. SINGLE TIER WALLS HAVE LIMITED TO A MAX HEIGHT OF 2m. CONTRACTOR WILL NEED TO TAKE ALL ACTIONS NECESSARY TO ADDRESS THIS HAZARD DURING CONSTRUCTION.	MEIDUM
D5	WATER BODIES	PROPOSED CONSTRUCTION WATER DAMS WILL BE PRESENT ON SITE.	MEDIUM	PROPOSED WATER BODIES HAVE BEEN LOCATED AWAY FROM PUBLIC ACCESS AREAS. ACCESS TO THESE LOCATION WILL BE RESTRICTED FROM THE PUBLIC. CONTRACTOR WILL NEED TO TAKE ALL ACTIONS NECESSARY TO ADDRESS THIS HAZARD DURING CONSTRUCTION.	LOW

CONSTRUCTION HAZARD SCHEDULE		
ITEM	POTENTIAL HAZARD	POSSIBLE PREVENTATIVE ACTION
C1	DEEP EXCAVATION HAZARD	ALL STEPS MUST BE TAKEN TO OBTAIN CURRENT UNDERGROUND SERVICES INFORMATION BEFORE EXCAVATION WORKS COMMENCE. EXCAVATION WORK MUST BE UNDERTAKEN BY APPROPRIATELY EXPERIENCED AND QUALIFIED PERSONNEL. EXCAVATIONS SHALL BE ADEQUATELY SHORED AND APPROPRIATE BARRICADES AND SIGNAGE ERECTED, IF REQUIRED.
C2	OVERHEAD POWER HAZARD	WARNING SIGNS AND MARKERS SHALL BE ERECTED ADVISING OF THE PRESENCE OF LIVE OVERHEAD CABLES. A REPRESENTATIVE OF THE SUPPLY AUTHORITY SHALL REMAIN ON SITE DURING EARTHWORKS AND ANY OTHER HIGH RISK WORKS, IF REQUIRED.
C3	UNDERGROUND ELECTRICAL, TELECOMMUNICATION, GAS AND WATER MAIN HAZARD	WARNING SIGNS AND MARKERS SHALL BE ERECTED ADVISING OF THE PRESENCE OF THE EXISTING SERVICE. THE SERVICE SHALL BE IDENTIFIED AND MARKED BY THE SUPPLY AUTHORITY PRIOR TO THE COMMENCEMENT OF EXCAVATION. A REPRESENTATIVE OF THE SUPPLY AUTHORITY SHALL REMAIN ON SITE DURING THE EXCAVATION WORK, IF REQUIRED.
C4	WORKS NEAR RAIL, AIRPORTS AND ROADS HAZARD	ALL REQUIRED PERMITS, APPROVALS AND SAFETY REQUIREMENTS FROM THE RELEVANT AUTHORITY SHOULD BE OBTAINED PRIOR TO COMMENCING WORK. A REPRESENTATIVE OF THE RELEVANT AUTHORITY SHALL REMAIN ON SITE DURING CONSTRUCTION WHILE THE HAZARD REMAINS.
C5	PEDESTRIAN ACCESS HAZARD	WORK WITHIN OR ADJACENT TO AREAS WHICH THE PUBLIC REQUIRES PEDESTRIAN ACCESS MUST HAVE APPROPRIATE BARRICADES AND SIGNAGE ERECTED AT ALL TIMES.
C6	POTENTIAL VEHICLE HAZARD	SITE PERSONNEL SHALL BE ADVISED OF THE POTENTIAL HAZARDS AND THE APPROPRIATE PROCEDURES FOR WORKING ADJACENT TO OPERATING PUBLIC ROADS. APPROPRIATE SAFETY CLOTHING SHALL BE WORN AND THE REQUIRED SIGNAGE SHALL BE ERECTED. THE WORKS SHALL BE UNDERTAKEN IN A MANNER WHICH DOES NOT COMPROMISE THE SAFETY OF THE VEHICLE OCCUPANTS OR THE SITE PERSONNEL.
C7	DEMOLITION AND CLEARING HAZARD	SUITABLE QUALIFIED AND EXPERIENCED PERSONNEL SHALL BE RESPONSIBLE FOR THE DEMOLITION AND CLEARING WORKS FOR THE PROJECT AT ALL TIMES. THE CONTRACTORS WORK METHOD STATEMENT SHALL ALSO GIVE CONSIDERATION TO FALLING DEBRIS, COLLAPSE AND DANGEROUS AIRBORNE AGENTS.
C8	TRAFFIC MANAGEMENT HAZARD	SUITABLE QUALIFIED AND EXPERIENCED PERSONNEL SHALL BE RESPONSIBLE FOR THE SAFE AND ORDERLY PASSAGE OF VEHICULAR AND PEDESTRIAN TRAFFIC THROUGH THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL DEVELOP A TRAFFIC MANAGEMENT PLAN (TMP) FOR THE PROJECT TO ESTABLISH APPROPRIATE CONTROLS IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL.
C9	ASBESTOS HAZARD	ALL PERSONNEL SHOULD BE ADVISED OF THE POTENTIAL PRESENCE OF ASBESTOS AND AN IDENTIFICATION AND ACTION PLAN SHALL BE PUT IN PLACE. SAMPLING AND IDENTIFICATION IS TO BE UNDERTAKEN IN ACCORDANCE WITH WORKPLACE HEALTH AND SAFETY REGULATIONS. IF SAMPLING CONFIRMS THE PRESENCE OF ASBESTOS THEN THE ACTION PLAN IS TO BE IMPLEMENTED TO REMEDIATE THE SITE.
C10	POTENTIAL ROCK FALL	LAND ABOVE THE SITE HAS BEEN CLEARED AND SOME EARTHWORKS HAS BEEN UNDERTAKEN CREATING A POTENTIAL ROCK FALL HAZARD. SUITABLE PERSONNEL SHALL BE RESPONSIBLE FOR IDENTIFYING ANY POTENTIAL HAZARD AND THE CONTRACTOR SHALL TAKE APPROPRIATE ACTION TO ELIMINATE THE HAZARD.

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	KK	PB	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION				
28/05/2024	A	ISSUED FOR APPROVAL				



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BRISBANE, QLD 4000  
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DESIGNED  
**KLYNT KIWANG**

CHECKED  
**ANDREW LANGDON**

PROJECT MANAGER  
**NICK SOMERVILLE**

PROJECT DIRECTOR  
*PKB*  
**PATRICK BRADY**

KPEQ 7112

SCALE

ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

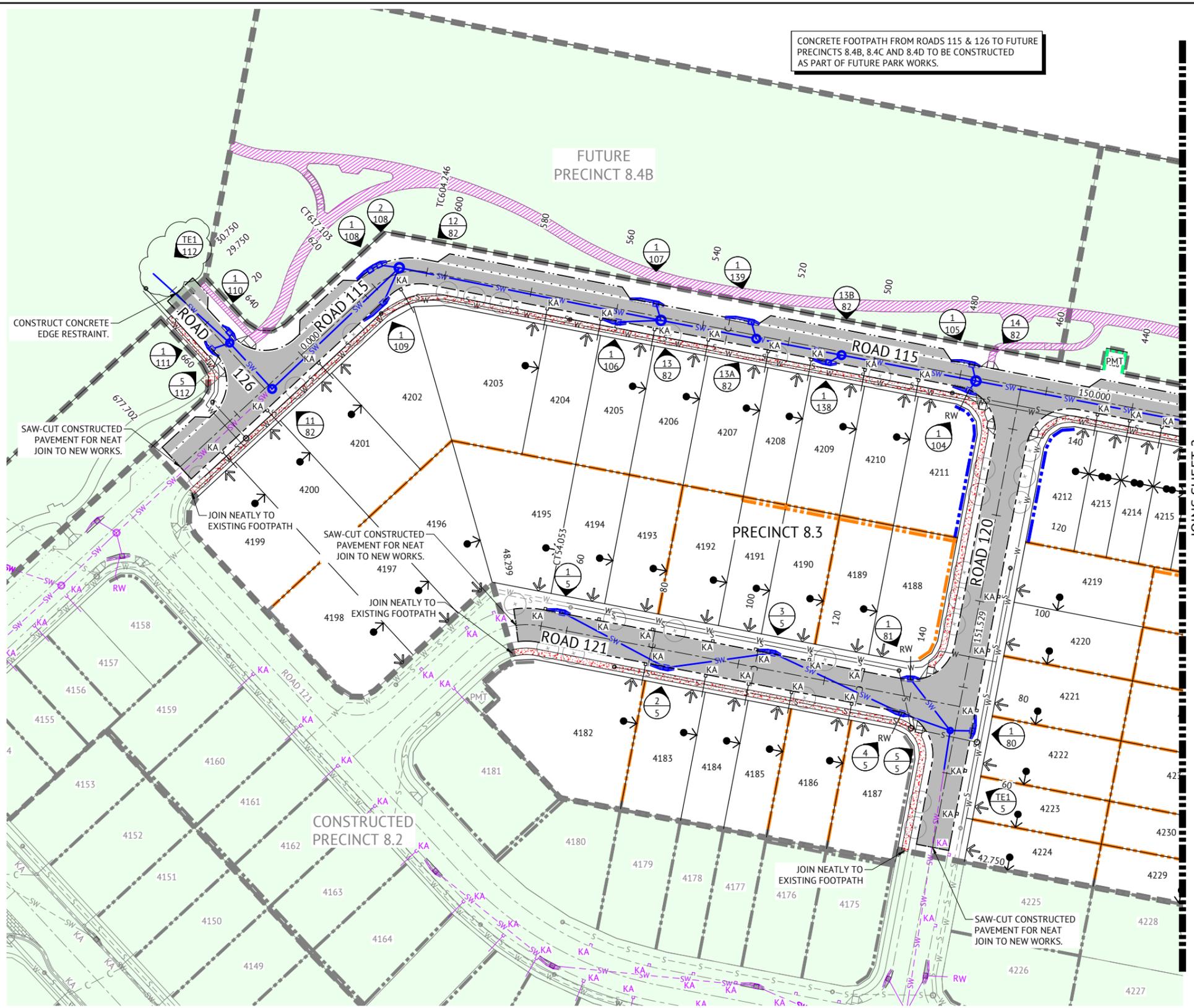
LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**SAFETY IN DESIGN**

JOB CODE  
**MIR-0803**

SHEET NUMBER  
**C004**

REV  
**B**



CONCRETE FOOTPATH FROM ROADS 115 & 126 TO FUTURE PRECINCTS 8.4B, 8.4C AND 8.4D TO BE CONSTRUCTED AS PART OF FUTURE PARK WORKS.

**LEGEND - PROPOSED**

- PAVEMENT
- PAVEMENT (CONCRETE)
- PROPOSED IPWEA STD TYPE 'B1' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
- PROPOSED IPWEA TYPE 'M3' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
- PROPOSED IPWEA TYPE 'B2' KERB. REFER IPWEA STD DWG RS-080.
- PROPOSED IPWEA TYPE 'ER1' EDGE RESTRAINT. REFER IPWEA STD DWG RS-080.
- PROPOSED IPWEA TYPE 'INV' CHANNEL. REFER IPWEA STD DWG RS-080.
- PROPOSED 1.5m WIDE (U.N.O.) CONCRETE FOOTPATH. REFER LCC STD DWGS.
- PROPOSED CONCRETE LANDSCAPING FOOTPATH. REFER LANDSCAPING DRAWINGS FOR DETAILS.
- PROPOSED KERB RAMP. REFER IPWEA STD DWG RS-090.
- PROPOSED STORMWATER
- PROPOSED STORMWATER STRUCTURE No.
- ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
- ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
- PROPOSED ROOFWATER HOUSE CONNECTION (150 Ø UPVC)
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED MASONRY WALL TO ENERGEX STANDARDS
- ZERO LOT BOUNDARY
- PROPOSED FUTURE DRIVEWAY LOCATION
- PROPOSED SEWER
- PROPOSED WATER
- PROPOSED WATER CONDUIT
- STAGE BOUNDARY
- TREES
- PADMOUNT TRANSFORMER

**LEGEND - CONSTRUCTED**

- ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
- ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
- ROOFWATER HOUSE CONNECTION (150 Ø UPVC)
- STORMWATER
- SEWER
- WATER
- SEWER RISING MAIN
- RETAINING WALL
- STORMWATER STRUCTURE No.
- PADMOUNT TRANSFORMER

**LAYOUT PLAN**  
SCALE 1:500

**PAVEMENT SUBGRADE GUARANTEE:**  
CONTRACTOR SHALL UNDERTAKE EARTHWORKS REQUIRED IN EITHER CUT OR FILL TO ENSURE THE SUBGRADE QUALITY IS AT CBR10 OR GREATER. CONTRACTOR TO LIAISE WITH OWN GEOTECHNICAL ENGINEER TO ACHIEVE REQUIREMENT.

**STORMWATER TRENCH BACKFILL NOTE:**  
ALL STORMWATER TRENCH BACKFILL MATERIAL SHALL BE SOURCED FROM ON SITE EXCAVATED MATERIAL.

• FOR TYPICAL SECTIONS AND NOTES REFER TO DRAWING No. C300 - ROADWORKS TYPICAL SECTIONS AND NOTES, AND DRAWING No. C420 - STORMWATER DRAINAGE DETAILS AND NOTES.

FOR CONSTRUCTION			
DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	AMENDED PIPE END TO SUIT CHANGES TO PRECINCT 11	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

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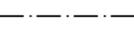
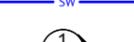
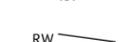
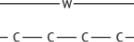
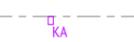
DESIGNED  
**KLYNT KIWANG**  
CHECKED  
**ANDREW LANGDON**  
PROJECT MANAGER  
**NICK SOMERVILLE**  
PROJECT DIRECTOR  
**PATRICK BRADY** NP/EQ 7112

SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

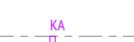
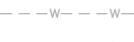
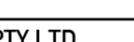
CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C100**  
REV  
**B**

**LEGEND - PROPOSED**

-  PAVEMENT
-  PAVEMENT (CONCRETE)
-  PROPOSED IPWEA STD TYPE 'B1' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'M3' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'B2' KERB. REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'ER1' EDGE RESTRAINT. REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'INV' CHANNEL. REFER IPWEA STD DWG RS-080.
-  PROPOSED 1.5m WIDE (U.N.O.) CONCRETE FOOTPATH. REFER LCC STD DWGS.
-  PROPOSED CONCRETE LANDSCAPING FOOTPATH. REFER LANDSCAPING DRAWINGS FOR DETAILS.
-  PROPOSED KERB RAMP. REFER IPWEA STD DWG RS-090.
-  PROPOSED STORMWATER
-  PROPOSED STORMWATER STRUCTURE No.
-  ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
-  ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
-  PROPOSED ROOFWATER HOUSE CONNECTION (150 Ø uPVC)
-  PROPOSED CONCRETE SLEEPER RETAINING WALL
-  PROPOSED CONCRETE PANEL RETAINING WALL
-  PROPOSED MASONRY WALL TO ENERGEX STANDARDS
-  ZERO LOT BOUNDARY
-  PROPOSED FUTURE DRIVEWAY LOCATION
-  PROPOSED SEWER
-  PROPOSED WATER
-  PROPOSED WATER CONDUIT
-  STAGE BOUNDARY
-  TREES
-  PADMOUNT TRANSFORMER

**LEGEND - CONSTRUCTED**

-  ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
-  ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
-  ROOFWATER HOUSE CONNECTION (150 Ø uPVC)
-  STORMWATER
-  SEWER
-  WATER
-  SEWER RISING MAIN
-  RETAINING WALL
-  STORMWATER STRUCTURE No.
-  PADMOUNT TRANSFORMER

CONCRETE FOOTPATH FROM ROADS 115 & 126 TO FUTURE PRECINCTS 8.4B, 8.4C AND 8.4D TO BE CONSTRUCTED AS PART OF FUTURE PARK WORKS.

SAW-CUT CONSTRUCTED PAVEMENT FOR NEAT JOIN TO NEW WORKS.

JOIN NEATLY TO EXISTING FOOTPATH

2x1mx1m CONCRETE BIN PADS BEHIND KERB

DWAY 15

4.0m WIDE CONCRETE DRIVEWAY CROSSOVER. GENERALLY IN ACCORDANCE WITH IPWEA SEQ R-050.

4x1mx1m CONCRETE BIN PADS BEHIND KERB

SAW-CUT CONSTRUCTED PAVEMENT FOR NEAT JOIN TO NEW WORKS.

JOIN NEATLY TO EXISTING FOOTPATH

FUTURE PRECINCT 8.4C

FUTURE PRECINCT 8.4D

PRECINCT 8.3

CONSTRUCTED PRECINCT 8.1

CONSTRUCTED PRECINCT 8.2

LAYOUT PLAN

SCALE 1:500

**PAVEMENT SUBGRADE GUARANTEE:**  
CONTRACTOR SHALL UNDERTAKE EARTHWORKS REQUIRED IN EITHER CUT OR FILL TO ENSURE THE SUBGRADE QUALITY IS AT CBR10 OR GREATER. CONTRACTOR TO LAISE WITH OWN GEOTECHNICAL ENGINEER TO ACHIEVE REQUIREMENT.

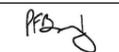
**STORMWATER TRENCH BACKFILL NOTE:**  
ALL STORMWATER TRENCH BACKFILL MATERIAL SHALL BE SOURCED FROM ON SITE EXCAVATED MATERIAL.

• FOR TYPICAL SECTIONS AND NOTES REFER TO DRAWING No. C300 - ROADWORKS TYPICAL SECTIONS AND NOTES, AND DRAWING No. C420 - STORMWATER DRAINAGE DETAILS AND NOTES.

**FOR CONSTRUCTION**



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PROJECT MANAGER  
**NICK SOMERVILLE**  
PROJECT DIRECTOR  
  
**PATRICK BRADY** NP/Q 7112

SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C101**  
REV  
**B**

DATE	REV	DESCRIPTION	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB
			REC	APP



**LEGEND - PROPOSED**

	NO CHANGES TO BULK EARTHWORKS. EARTHWORKS DONE AS PART OF PRECINCTS 8.1 AND 8.2 EARTHWORKS PACKAGES
	EXTENT OF CUT
	EXTENT OF FILL
	FINISHED MAJOR CONTOURS (0.50m)
	FINISHED MINOR CONTOURS (0.25m)
	FINISHED SURFACE LEVEL
	PROPOSED CONCRETE SLEEPER RETAINING WALL (AND HEIGHT). TIMBER TEXTURED SLEEPERS AND 2 COAT PAINT. DESIGN SPECIFICATION BY MANUFACTURER
	PROPOSED CONCRETE PANEL RETAINING WALL (AND HEIGHT). 2 COAT TEXTURED PAINT. DESIGN SPECIFICATION BY MANUFACTURER
	PROPOSED MASONRY WALL TO ENERGEX STANDARDS
	FEATURE FENCE BY LANDSCAPER
	FOOTPATH SPOT LEVEL
	ZERO LOT LINE
	PROPOSED FUTURE DRIVEWAY LOCATION
	STAGE BOUNDARY
	PADMOUNT TRANSFORMER

**LEGEND - CONSTRUCTED**

	RETAINING WALL
	CONTOURS (0.50m)
	STORMWATER
	SEWER
	SEWER RISING MAIN
	WATER
	SUBSOIL OUTLET TO ALLOTMENT
	PADMOUNT TRANSFORMER

- NOTES**
- REFER TO BULK EARTHWORKS NOTES & DETAILS DRAWINGS FOR:
    - EARTHWORKS NOTES AND DETAILS
    - RETAINING WALL NOTES AND DETAILS
  - PROPOSED SERVICES ARE WITHIN THE VICINITY OF RETAINING WALLS. REFER SERVICE DRAWINGS FOR SERVICE LOCATIONS AND DETAILS.
  - EXISTING DWELLINGS, FENCES ETC TO BE DEMOLISHED AND REMOVED OFF SITE BY OTHERS (UNLESS NOTED OTHERWISE)
  - FINAL RETAINING WALL TYPES AND FINISHES SHALL BE CONFIRMED WITH THE SUPERINTENDENT PRIOR TO CONSTRUCTION.

**LAYOUT PLAN**  
SCALE 1:500

EARTHWORKS FOR LOTS 4488-4492, 4499-4501, 4249-4255, 4266 & 4195-4199, 4182-4187 COMPLETED AS PART OF PRECINCT 8.1 & 8.2 WORKS

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REVISIONS	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION		KK	PB
28/05/2024	A	ISSUED FOR APPROVAL		KK	PB
				REC	APP

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ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
KPEQ 7112

SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**BULK EARTHWORKS LAYOUT PLAN - SHEET 1**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C200**  
REV  
**B**



LEGEND - PROPOSED

- NO CHANGES TO BULK EARTHWORKS. EARTHWORKS DONE AS PART OF PRECINCTS 8.1 AND 8.2 EARTHWORKS PACKAGES
- EXTENT OF CUT
- EXTENT OF FILL
- FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.25m)
- FINISHED SURFACE LEVEL
- PROPOSED CONCRETE SLEEPER RETAINING WALL (AND HEIGHT). TIMBER TEXTURED SLEEPERS AND 2 COAT PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- PROPOSED CONCRETE PANEL RETAINING WALL (AND HEIGHT). 2 COAT TEXTURED PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- PROPOSED MASONRY WALL TO ENERGETX STANDARDS
- FEATURE FENCE BY LANDSCAPER
- FOOTPATH SPOT LEVEL
- ZERO LOT LINE
- PROPOSED FUTURE DRIVEWAY LOCATION
- STAGE BOUNDARY
- PADMOUNT TRANSFORMER

LEGEND - CONSTRUCTED

- RETAINING WALL
- CONTOURS (0.50m)
- STORMWATER
- SEWER
- SEWER RISING MAIN
- WATER
- SUBSOIL OUTLET TO ALLOTMENT
- PADMOUNT TRANSFORMER

NOTES

1. REFER TO BULK EARTHWORKS NOTES & DETAILS DRAWINGS FOR:
  - EARTHWORKS NOTES AND DETAILS
  - RETAINING WALL NOTES AND DETAILS
2. PROPOSED SERVICES ARE WITHIN THE VICINITY OF RETAINING WALLS. REFER SERVICE DRAWINGS FOR SERVICE LOCATIONS AND DETAILS.
3. EXISTING DWELLINGS, FENCES ETC TO BE DEMOLISHED AND REMOVED OFF SITE BY OTHERS (UNLESS NOTED OTHERWISE)
4. FINAL RETAINING WALL TYPES AND FINISHES SHALL BE CONFIRMED WITH THE SUPERINTENDENT PRIOR TO CONSTRUCTION.

LAYOUT PLAN  
SCALE 1:500

EARTHWORKS FOR LOTS 4488-4492, 4499-4501, 4249-4255, 4266 & 4195-4199, 4182-4187 COMPLETED AS PART OF PRECINCT 8.1 & 8.2 WORKS

FOR CONSTRUCTION			
DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

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ANDREW LANGDON  
 PROJECT MANAGER  
NICK SOMERVILLE  
 PROJECT DIRECTOR  
  
 PATRICK BRADY RPEQ 7112

SCALE  
  
 SCALE 1:500 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
BULK EARTHWORKS LAYOUT PLAN - SHEET 2

JOB CODE  
MIR-0803  
 SHEET NUMBER  
C201  
 REV  
B

**NOTES**

- LOCATION & LEVELS OF ALL EXISTING SERVICES TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- EARTHWORKS DRAWINGS ARE TO BE READ IN CONJUNCTION WITH EROSION AND SEDIMENT CONTROL LAYOUT PLANS AND EROSION AND SEDIMENT CONTROL NOTES AND DETAILS.
- ALL EARTHWORKS TO BE CARRIED OUT UNDER 'LEVEL ONE' GEOTECHNICAL CONTROL IN ACCORDANCE WITH LOCAL AUTHORITIES AND AS3798.
- EXCESS CUT TO BE STOCKPILED IN THE LOCATION SHOWN OR AS DIRECTED ON SITE.
- ALL BATTERS ARE 1 IN 4 UNLESS SHOWN OTHERWISE.
- CONTRACTOR TO INSTALL TEMPORARY CONSTRUCTION FENCING ALONG THE FULL PERIMETER BOUNDARY INCLUDING APPROPRIATE SIGNAGE.

**TESTING**

- THE SUPERINTENDENT MAY ORDER ADDITIONAL TESTS. REFER TO THE LOCAL AUTHORITIES SPECIFICATION FOR STANDARDS OF COMPACTION AND MATERIAL STANDARDS. FAILED TESTS WILL BE AT THE CONTRACTOR'S EXPENSE.

**EARTHWORKS TESTING**

- COMPACTION TESTS

LOCATION	AREA PER TEST
FINISHED LEVEL OR ROAD SUBGRADE (IN CUT OR FILL)	REFER TO THE LOCAL AUTHORITY SPECIFICATION
LOWEST TWO LEVELS OF EMBANKMENT (PER LAYER)	
OTHER LAYERS OF EMBANKMENT	
PREPARED NATURAL GROUND UNDER EMBANKMENT	

- QUALITY TESTS  
QUALITY TESTS OF IMPORTED MATERIAL ARE REQUIRED AS SET OUT BY LOCAL AUTHORITY.
- SUBGRADE TESTS  
THE NUMBER AND LOCATION OF PAVEMENT SUBGRADE TESTS SHALL BE IN ACCORDANCE WITH LOGAN CITY COUNCIL SPECIFICATION REQUIREMENTS.

**DUST**

- NO VISIBLE DUST EMISSIONS MUST OCCUR AT THE BOUNDARIES OF THE SITE DURING EARTHWORKS AND CONSTRUCTION ACTIVITIES ON THE SITE. DUST CONTROL TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH AS/NZS3580.10.1:2003. DUST CONTROL SHALL COMPLY WITH THE NSW DEPARTMENT OF ENVIRONMENT AND CONSERVATION REPORT 'APPROVED METHODS & GUIDANCE FOR THE MODELLING AND ASSESSMENT OF AIR POLLUTANTS IN NSW.'
- THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN CONTROLS TO ACHIEVE THE REQUIREMENTS OF ITEM 1 ABOVE.

**FILL MANAGEMENT**

- ALL FILL MATERIAL WILL BE PLACED IN ACCORDANCE WITH THE FILL SPECIFICATION PROVIDED ON THIS SHEET, OR WHERE PROVIDED, THE REQUIREMENTS OF THE GEOTECHNICAL REPORT SPECIFIC TO THIS CONTRACT.
- THE FILL MATERIAL WILL COMPRISE ONLY OF NATURAL EARTH AND ROCK AND SHALL BE FREE OF ALL CONTAMINATES, NOXIOUS, HAZARDOUS, DELETERIOUS AND ORGANIC MATERIAL.
- ALL SITE PREPARATION WORK SHOULD GENERALLY BE CARRIED OUT IN ACCORDANCE WITH AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'.
- THE SITE SHOULD BE STRIPPED OF ANY TOPSOIL FROM CUT AND FILL AREAS, ROAD ALIGNMENTS AND CARPARKING AREAS, AND STOCKPILED FOR LATER USE.
- PRIOR TO THE PLACEMENT OF ANY STRUCTURAL FILL THE SITE SHOULD BE PROOF ROLLED USING A MINIMUM 10 TONNE (STATIC WEIGHT) PADFOOT ROLLER. ANY LOOSE OR SOFT AREAS SHOULD BE REMOVED AND RECOMPACTED OR REPLACED USING A COMPACTED SELECT FILL.
- DEPRESSIONS FORMED BY THE REMOVAL OR VEGETATION, EXISTING STRUCTURES, UNDERGROUND SERVICES ETC., SHOULD HAVE ALL DISTURBED SOIL CLEANED OUT AND BE BACKFILLED WITH COMPACTED SELECT FILL MATERIAL.
- ALL COMPLIANCE TESTING SHALL BE CARRIED OUT BY THE GEOTECHNICAL ENGINEER WHO WILL BE ENGAGED BY THE PRINCIPAL CONTRACTOR. ANY/ALL TESTING NECESSARY FOR GUIDANCE OR RE-TESTS WILL BE AT THE COST OF THE CONTRACTOR.
- THE PLACEMENT OF FILL TO BE EXECUTED SUCH THAT TO BE FREE DRAINING AT ALL TIMES AND NOT TO BE A NUISANCE OR PONDING TO ADJOINING PROPERTY OR ROADS.
- NO DEMOLITION MATERIAL TO BE USED AS FILL MATERIAL.
- WHERE UNSUITABLE MATERIAL IN AREAS OF FILL IS ENCOUNTERED, THIS WILL BE TREATED AS SET OUT IN THE EARTHWORK SPECIFICATION.
- ALL VEHICLES EXITING FROM THE SITE TO BE CLEAN TO PREVENT MATERIAL BEING TRACKED OR DEPOSITED ON THE ADJOINING PUBLIC ROADS, REFER ENVIRONMENTAL MANAGEMENT NOTES ON THE EROSION AND SEDIMENT CONTROL DRAWINGS.
- SITE ACCESS TO AND ACROSS THE SITE ARE SUBJECT TO SUPERINTENDENT APPROVAL.

**TOPSOIL RESPREAD REQUIREMENTS**

TOPSOIL RESPREAD THICKNESS SHALL BE AS SPECIFIED BELOW IN THE FOLLOWING AREAS:

- REFER TO EROSION & SEDIMENT CONTROL - STABILISATION PHASE DRAWING FOR TOPSOIL RESPREAD LOCATIONS AND THICKNESS.

**TURF**

CONTRACTOR SHALL SUPPLY AND LAY TURF AS SPECIFIED IN THE FOLLOWING AREAS:

- REFER TO EROSION & SEDIMENT CONTROL - STABILISATION PHASE DRAWING FOR TURF SUPPLY AND LAY AREAS.

**TRENCH SPOIL**

EXCESS TRENCH SPOIL MATERIAL GENERATED BY THIS CONTRACT SHALL BE PLACED EITHER WITHIN THE FILL ZONE NOMINATED ON THE EARTHWORKS DRAWINGS OR WITHIN A FILL ZONE NOMINATED BY THE SUPERINTENDENT THAT SHALL BE CONFIRMED PRIOR TO CONSTRUCTION COMMENCEMENT. FILL TO BE PLACED UNDER LEVEL 1 SUPERVISION AND IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION.

**TRENCH BACKFILL**

CBR15 STORMWATER TRENCH BACKFILL MATERIAL SHALL BE SOURCED FROM ON SITE EXCAVATED MATERIAL.

**EXCAVATION IN ROCK**

CONTRACT SHALL INCLUDE TREATING, SIZING, CONDITIONING AND PROCESSING ALL TYPES OF ROCK IN ALL EXCAVATIONS. PROCESSING TO BE COMPLETED TO ENSURE THAT FILL SPECIFICATION AND LEVEL ONE CERTIFICATION IS ACHIEVED.

**EVERLEIGH EARTHWORKS TOLERANCE TABLE**

ITEM	TOLERANCE
EARTHWORKS IN ALLOTMENTS AND VERGES <sup>(a)</sup>	EWL or FSL +/- 50mm
CUT BATTERS (OTHER THAN IN LOTS)	EWL or FSL +/- 150mm <sup>(b)</sup>
FILL BATTERS (OTHER THAN IN LOTS)	EWL or FSL +/- 300mm <sup>(b)</sup>
EARTHWORKS IN PARKS	EWL or FSL +/- 50mm

- <sup>(a)</sup> TOLERANCE IS -0mm / +50mm WHERE ADJACENT DRAINAGE ELEMENT.  
<sup>(b)</sup> MEASURED FROM THE AVERAGE SLOPE PLANE.

**TOLERANCE NOTES**

- EARTHWORKS LEVEL (EWL) IS 100mm BELOW FINISHED SURFACE LEVEL (FSL) ON ALLOTMENTS (TOPSOIL RESPREAD THICKNESS).
- FINISHED SURFACE LEVEL (FSL) IS TOP OF TURF / STABILISED TOPSOIL LEVEL.
- ROADWORKS SUBGRADE, PAVEMENT, ASPHALT CONSTRUCTION LEVEL TOLERANCES AS PER LCC PSP No. 5.
- STORMWATER DRAINAGE CONSTRUCTION LEVEL TOLERANCES AS PER LCC PSP No. 5.
- SEWER AND WATER RETICULATION CONSTRUCTION LEVEL TOLERANCES AS PER SEQ D&C CODE.

**DISPERSIVE SOILS MANAGEMENT NOTES**

- GYPHUM TREATMENT FOR DISPERSIVE SOILS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE EVERLEIGH DISPERSIVE SOIL MANAGEMENT PLAN (REPORT #GE20.042.R1). AREAS THAT REQUIRED TREATMENT REGARDLESS OF NOMINATING ON PLANS ARE:
  - ALL SERVICE TRENCHES BELOW AND ABOVE BEDDING MATERIAL, INCLUDING STRUCTURES, E.G. MANHOLES.
  - UNDER AND SURROUNDING STORMWATER HEADWALLS
  - TURF/LANDSCAPED AREAS SUBJECT TO DIRECTED WATER FLOWS. TREATMENT AT FINISHED EARTHWORKS PRIOR TO TOPSOIL PLACEMENT/FINISH LANDSCAPE SURFACE.
  - TURF/LANDSCAPED AREAS SUBJECT TO WATER PONDING. TREATMENT AT FINISHED EARTHWORKS PRIOR TO TOPSOIL PLACEMENT/FINISH LANDSCAPE SURFACE.
  - TREATMENT TO INSITU/UNTOUCHED ROCK IS NOT REQUIRED.
- STABILISATION OF DISTURBED AREAS AND MANAGEMENT OF EROSION AND SEDIMENT SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLANS IN THIS DRAWING SET. THE CONTRACTOR IS TO REVIEW THE PROPOSED DRAINS AND DETERMINE IF TREATMENT TO ANY DIVERSION DRAIN IS REQUIRED BASED ON TIME IN USE ON DURING WORKS. TREATMENT TO BE IN ACCORDANCE WITH THE DSMP.
- CONTRACTOR MUST CONSTRUCT AND ESTABLISH THE EROSION AND SEDIMENT CONTROL DEVICES, CONSTRUCTION WATER HOLDING DAM AND HES BASIN PRIOR TO COMMENCING EARTHWORKS OPERATION. TREATMENT TO THE SURFACE OF ANY WATER RETAINING BODY SHALL BE IN ACCORDANCE WITH THE DSMP
- ALL DISTURBED AREAS SHALL BE STABILISED AS SOON AS PRACTICABLE (BUT NOT MORE THAN 10 DAYS) FOLLOWING FINALISATION OF LEVELS. STABILISATION TO BE IN ACCORDANCE WITH EROSION & SEDIMENT CONTROL - STABILISATION PHASE.

**TOPSOIL AMELIORATION**

ONSITE STRIPPED TOPSOIL SHALL BE AMELIORATED PRIOR TO RESPREAD. THE FOLLOWING AMELIORATION SPECIFICATIONS SHALL APPLY:

**A-GRADE QUALITY TOPSOIL AMELIORATION:**

- SCREEN STRIPPED TOPSOIL
- ON-SITE COMPOST INCORPORATION (0.15kg/m<sup>3</sup> OF TOPSOIL)
- DOLOMITE (15kg/m<sup>3</sup> OF TOPSOIL)
- GRANULAR WETTING AGENT (0.5kg/m<sup>3</sup> OF TOPSOIL)
- FERTILISER (0.4kg/m<sup>3</sup> OF TOPSOIL)

**B-GRADE QUALITY TOPSOIL AMELIORATION:**

- SCREEN STRIPPED TOPSOIL
- DOLOMITE (15kg/m<sup>3</sup> OF TOPSOIL)
- GRANULAR WETTING AGENT (0.5kg/m<sup>3</sup> OF TOPSOIL)
- FERTILISER (0.4kg/m<sup>3</sup> OF TOPSOIL)

**ROCK TREATMENT IN ALLOTMENTS**

WHERE ALLOTMENTS ARE LOCATED IN CUT, THE CONTRACTOR SHALL OVER-EXCAVATE A MINIMUM 500mm DEPTH BELOW DESIGN EARTHWORKS LEVEL (EWL), AND RECOMPACT IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION AND LEVEL ONE SUPERVISION.

ALL CUT LOTS WHICH ARE NOT LOCATED IN ROCK MUST ACHIEVE 100kPa BEARING CAPACITY. WHERE THIS CAN'T BE ACHIEVED, THE CONTRACTOR SHALL RECTIFY THE SUBGRADE IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION TO ACHIEVE A 100kPa BEARING CAPACITY.

**ROCK TREATMENT IN VERGES**

WHERE ROAD RESERVES ARE LOCATED IN CUT, THE CONTRACTOR SHALL OVER-EXCAVATE A MINIMUM 1000mm DEPTH BELOW DESIGN EARTHWORKS LEVEL (EWL) AND RECOMPACT IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION AND LEVEL ONE SUPERVISION.

**EARTHWORKS SPECIFICATION**

SPECIFICATION	DEPTH RANGE (m)				PAVEMENT SUBGRADE	TRENCH BACKFILL
	0.0 - 0.6	0.6 - 3.00	3.00 - 5.00	> 5.00		
CBR %	-	-	-	-	10	15
LAYER THICKNESS (mm)	300	300	300	300	BETWEEN SUBGRADE AND 0.3m BELOW	300
MAXIMUM PARTICLE SIZE (mm)	200	500	500	500	200	200
% PASSING 37.5mm	80% MIN	REFER NOTES AND KEY OUTCOMES	REFER NOTES AND KEY OUTCOMES			
% PASSING 0.075mm	30% MIN	REFER NOTES	REFER NOTES	REFER NOTES	REFER NOTES	REFER NOTES AND AS3798
COMPACTION	95% STD	95% STD	95% STD	95% STD	100% STD	95% MOD IN ROADS AND 95% STD OUTSIDE ROADS
MOISTURE	+/- 2% OMC	+/- 2% OMC	+/- 2% OMC	+/- 2% OMC	60% - 90% OF OMC	+/- 2% OMC

**NOTES:**

- OMC - OPTIMUM MOISTURE CONTENT
- LAYER OF THICKNESS IS LIMITED TO 300mm TO ALLOW IDENTIFICATION OF LARGER PARTICLES AND ALLOW EVERY CHANCE OF BREAK DOWN IN FILLING OR REMOVAL.
- TREATMENT OF ROCK TO SIZES ABOVE SHOULD BE CARRIED OUT IN CUT PRIOR TO LOADING TO FILL AREAS. TREATED ROCK TO BE APPROVED BY GITA PRIOR TO TRANSPORTING.
- UPPER 0.6m, (PARTICULARLY IN AREAS OF DEEP FILL), OF THE FILL PROFILE TO BE RELATIVELY IMPERMEABLE HENCE INCREASE IN FINES COMPONENT.
- PROOF ROLL TESTING ON EACH COMPACTED LAYER USING RUBBER WHEELED PLANT SUCH AS LOADED ADT'S OR LOADED SCRAPERS. UNFAVOURABLE DEFORMATION OF THE COMPACTED SURFACE UNDER LOAD OF ADT'S OR SCRAPERS WILL REQUIRE REPAIR PRIOR TO ADDITIONAL PLACEMENT.
- MECHANICAL INTERLOCK METHODOLOGY IS NOT APPROPRIATE DUE TO POOR DURABILITY OF SITE WON SANDSTONE. FILL COMPOSITION IS REQUIRED TO INCLUDE AN APPROPRIATE SAND GRAVEL AND FINES COMPONENT CONFORMING TO THE REQUIREMENTS OF AS798.

**KEY OUTCOMES FOR EARTHWORKS OPERATIONS**

- DELIVER RESIDENTIAL LOTS WITH FAVOURABLE LOT CLASSIFICATIONS - I.E - NO P CLASSIFICATIONS
- FILL THICKNESS DOES NOT VARY MORE THAN 2m OVER A DISTANCE OF 10m
- CONSTRUCT FILL AND LIMIT LONG TERM CREEP SETTLEMENTS TO WITHIN 0.5% TO 1.0% OF THE FILL THICKNESS
- BUILDING PLATFORM THAT ALLOWS BUILDERS TO CONSTRUCT SLAB ON GROUND RAFTS USING LIGHT EARTHMOVING EQUIPMENT
- MATERIAL WON FROM CUTS AND USED IN FILL WITH REQUIRE
  - CUTS IN ROCK AS WELL AS BLENDED WITH
  - CUTS IN FINER MATERIALS SUCH AS SANDS AND CLAYS
- CREATING A FILL PLATFORM THAT IS ABLE TO BE TESTED IN ACCORDANCE WITH AS3798 AND AS1289

**FOR CONSTRUCTION**

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**ANDREW LANGDON**

PROJECT MANAGER  
**NICK SOMERVILLE**

PROJECT DIRECTOR  
*(Signature)*  
**PATRICK BRADY**

SCALE

ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

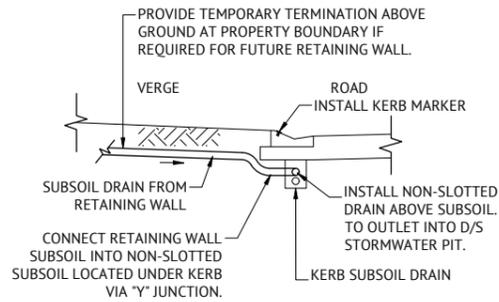
LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**BULK EARTHWORKS NOTES AND DETAILS - SHEET 1**

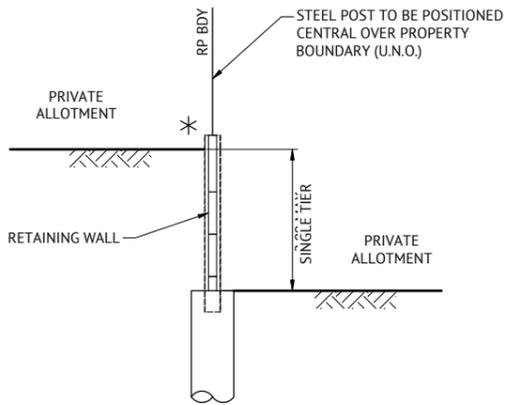
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**MIR-0803**

SHEET NUMBER  
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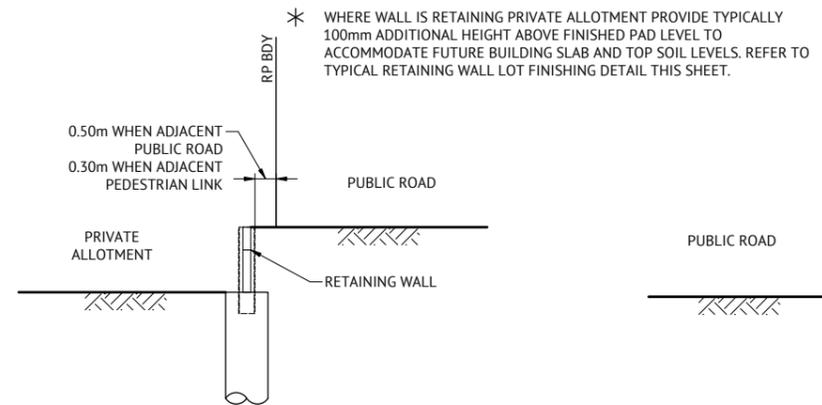
REV  
**B**



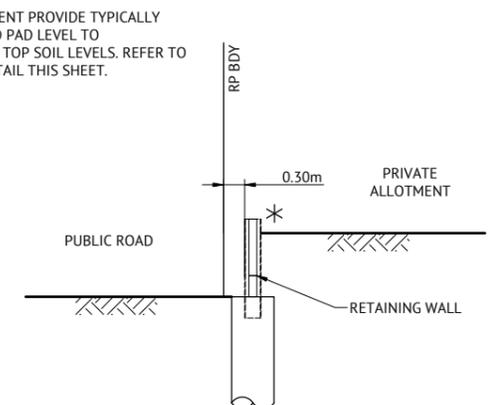
**TYPICAL RETAINING WALL SUBSOIL  
OUTLET TO ROAD**  
N.T.S.



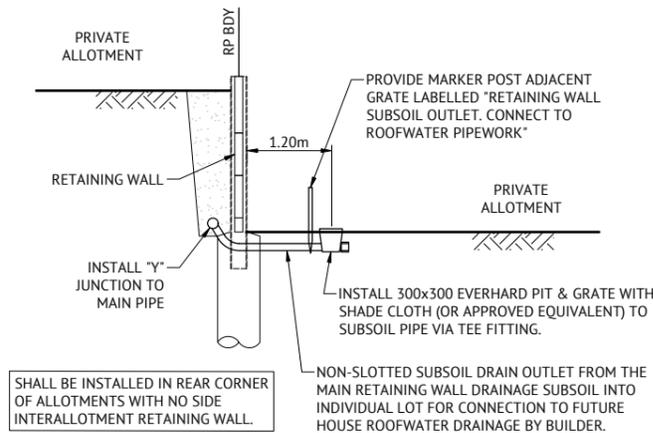
**TYPICAL RETAINING WALL DETAIL INTER ALLOTMENT**  
0.4m-2m MAX HIGH  
N.T.S.



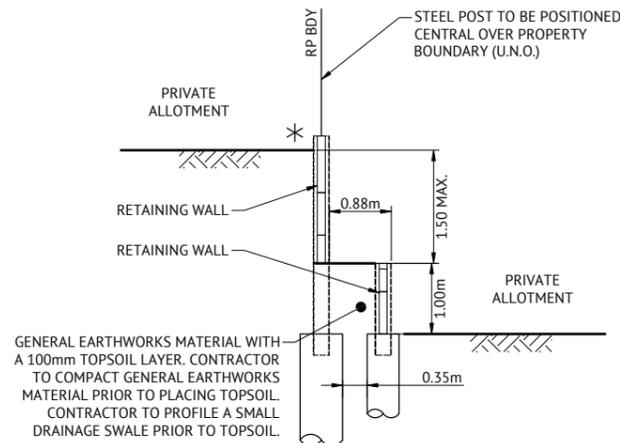
**TYPICAL RETAINING WALL DETAIL**  
ROAD ADJACENT TO LOT WHERE ROAD LEVEL IS HIGHER  
N.T.S.



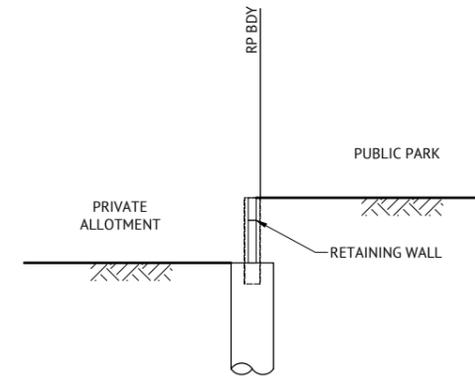
**TYPICAL RETAINING WALL DETAIL**  
ROAD ADJACENT TO LOT WHERE LOT LEVEL IS HIGHER  
N.T.S.



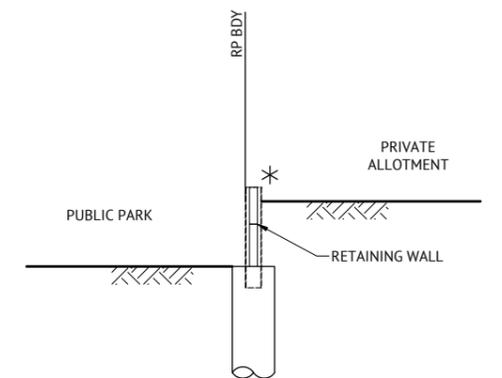
**TYPICAL RETAINING WALL SUBSOIL  
OUTLET TO ALLOTMENTS**  
N.T.S.



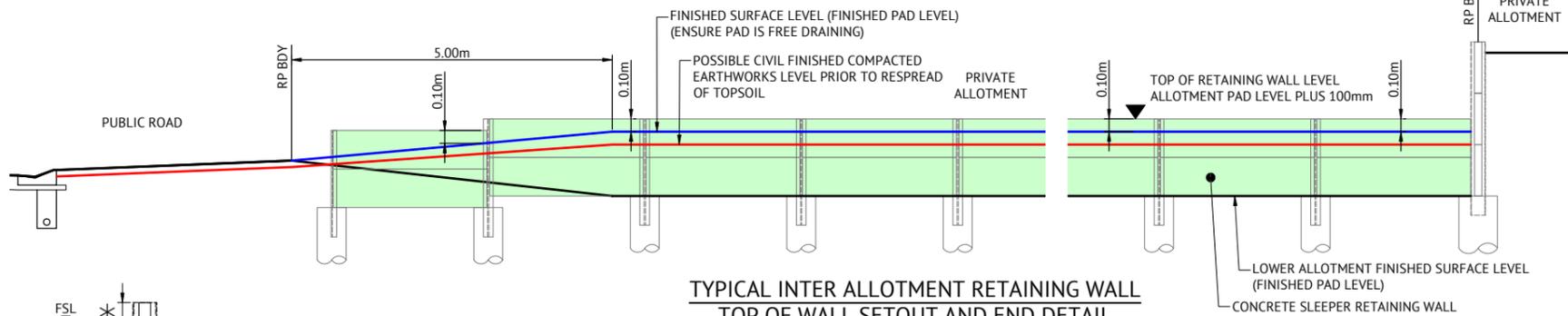
**TYPICAL RETAINING WALL DETAIL INTER ALLOTMENT**  
2m-2.5m MAX HIGH  
N.T.S.



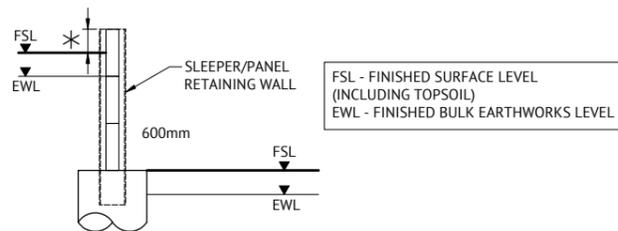
**TYPICAL RETAINING WALL DETAIL**  
PARK ADJACENT TO LOT WHERE PARK LEVEL IS HIGHER  
N.T.S.



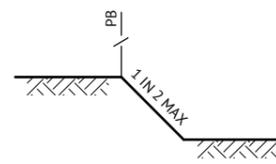
**TYPICAL RETAINING WALL DETAIL**  
PARK ADJACENT TO LOT WHERE LOT LEVEL IS HIGHER  
N.T.S.



**TYPICAL INTER ALLOTMENT RETAINING WALL  
TOP OF WALL SETOUT AND END DETAIL**  
N.T.S.



**TYPICAL RETAINING WALL TOP AND BOTTOM  
FINISHING LEVEL DETAIL**  
N.T.S.



**TYPICAL SECTION FOR  
BATTERS BETWEEN LOTS**  
SCALE 1:20

**RETAINING WALL DESIGN:**

- ALL RETAINING WALLS SHALL BE DESIGNED & CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN AND CONSTRUCTION RETAINING WALL SPECIFICATION" PREPARED BY PREMISE ENGINEERING.
- RETAINING WALLS ARE TO BE DESIGNED TO ACHIEVE A MINIMUM OF 50 YEAR DESIGN LIFE.
- RETAINING WALLS ARE TO BE DESIGNED IN ACCORDANCE WITH THE AS4678- EARTH RETAINING STRUCTURES AND RELEVANT MATERIAL STANDARDS (E.G AS3600- CONCRETE STRUCTURES).

**RETAINING WALL SUBSOIL DRAINAGE  
OUTLET DESIGN:**

RETAINING WALL SUBSOIL DRAINAGE PIPE OUTLET LOCATIONS SHALL BE IN ACCORDANCE WITH THE EVERLEIGH RETAINING WALL DESIGN SPECIFICATION. THE PRINCIPAL CIVIL CONTRACTOR SHALL DETERMINE THE LOCATION OF RETAINING WALL SUBSOIL DRAINAGE PIPES IN ACCORDANCE WITH THE EVERLEIGH RETAINING WALL DESIGN SPECIFICATION AND PROVIDE PROPOSAL TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCING RETAINING WALL CONSTRUCTION.

**RETAINING WALL SHOP DRAWINGS**

CONTRACTOR MUST PREPARE RETAINING WALL SHOP DRAWINGS FOR APPROVAL BY SUPERINTENDENT PRIOR TO COMMENCING RETAINING WALL CONSTRUCTION. SHOP DRAWINGS ARE TO DETAIL THE FOLLOWING ELEMENTS:

- ELEVATIONS OF ALL PROPOSED RETAINING WALLS AND ACOUSTIC FENCES
- TOP AND BOTTOM RLS TO SLEEPER/PANEL
- FINISHED PAD/ROAD SURFACE LEVELS
- DIMENSIONS OF RETAINING WALL END FINISHING CONFIGURATION, OFFSETS FROM BOUNDARIES
- POST DETAILS FOR INTRICATE INTERSECTION POINTS

**PROPERTY SERVICES UNDER RETAINING WALLS:**

CONTRACTOR SHALL REFER TO ALL LATEST SERVICE DRAWINGS TO ENSURE PROVISIONS ARE MADE FOR ALL PROPERTY SERVICE CONNECTIONS UNDER RETAINING WALLS.

**PAD MOUNTED TRANSFORMER NOTE**

- RETAINING WALLS AND THEIR FOOTINGS SHALL NOT ENCRoACH INTO THE PMT SITE (AS PER RETAINING WALLS LOCATED ADJACENT ROAD RESERVES DETAIL) UNLESS THE RETAINING WALL SPECIFIED IS AN ENERGEX STANDARD MASONRY WALL.
- RETAINING WALL DESIGN SHALL CONSIDER ENERGEX REQUIREMENT WHERE RETAINING WALLS ARE LOCATED WITHIN 2m OF PMT SITE.

**RETAINING WALL TYPE**

**PRIVATE FACING RETAINING WALLS:**  
CONCRETE SLEEPER RETAINING WALL. TIMBER TEXTURED SLEEPERS AND 2 COAT PAINT (COLOUR WARM GREY 10C). DESIGN SPECIFICATION BY MANUFACTURER.

**PUBLIC FACING RETAINING WALLS:**  
CONCRETE PANEL RETAINING WALL. 2 COAT TEXTURED PAINT. DESIGN SPECIFICATION BY MANUFACTURER.

**FENCE BRACKETS**

PROVIDE FENCE BRACKETS TO ALL RETAINING WALLS. NO BRACKETS TO BE PROVIDED WITHIN THE FIRST 5m FROM FRONT BOUNDARY FOR INTER-ALLOTMENT RETAINING WALLS.

**FOR CONSTRUCTION**

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NICK SOMERVILLE  
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PATRICK BRADY  
NPEQ 7112

SCALE  
NTS  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**BULK EARTHWORKS NOTES AND DETAILS - SHEET 2**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C211**  
REV  
**B**



**LEGEND - PROPOSED**

- NO CHANGES TO BULK EARTHWORKS. EARTHWORKS DONE AS PART OF PRECINCTS 8.1 & 8.2 EARTHWORKS PACKAGES
- EXTENT OF CUT
- EXTENT OF FILL
- TREES
- BOLLARD
- PMT

STREET TREE / PLANTING AREA. CONTRACTOR TO ENSURE AREA IS FREE OF ROCK UP TO A DEPTH OF 1.5M BELOW DESIGN FSL (I.E. ENSURE AREA IS EASY DIGGING FOR THE INSTALLATION OF TREES AND PLANTING). CONTRACTOR TO ALSO ENSURE THESE AREAS ARE CONNECTED INTO THE NEAREST STORMWATER STRUCTURE AND MADE FREE DRAINING VIA SLOTTED AGI PIPE.

**ALLOTMENT PREPARATION REQUIREMENT:**

CONTRACTOR SHALL ENSURE THAT ALL ALLOTMENTS WHERE LOCATED IN CUT WITHIN ROCK, SHALL BE OVER-EXCAVATED A MINIMUM 500mm DEPTH BELOW DESIGN EARTHWORKS LEVEL AND RECOMPACTED TO LEVEL ONE CERTIFICATION.



LAYOUT PLAN  
SCALE 1:750

**FOR CONSTRUCTION**

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24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
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			REC	APP

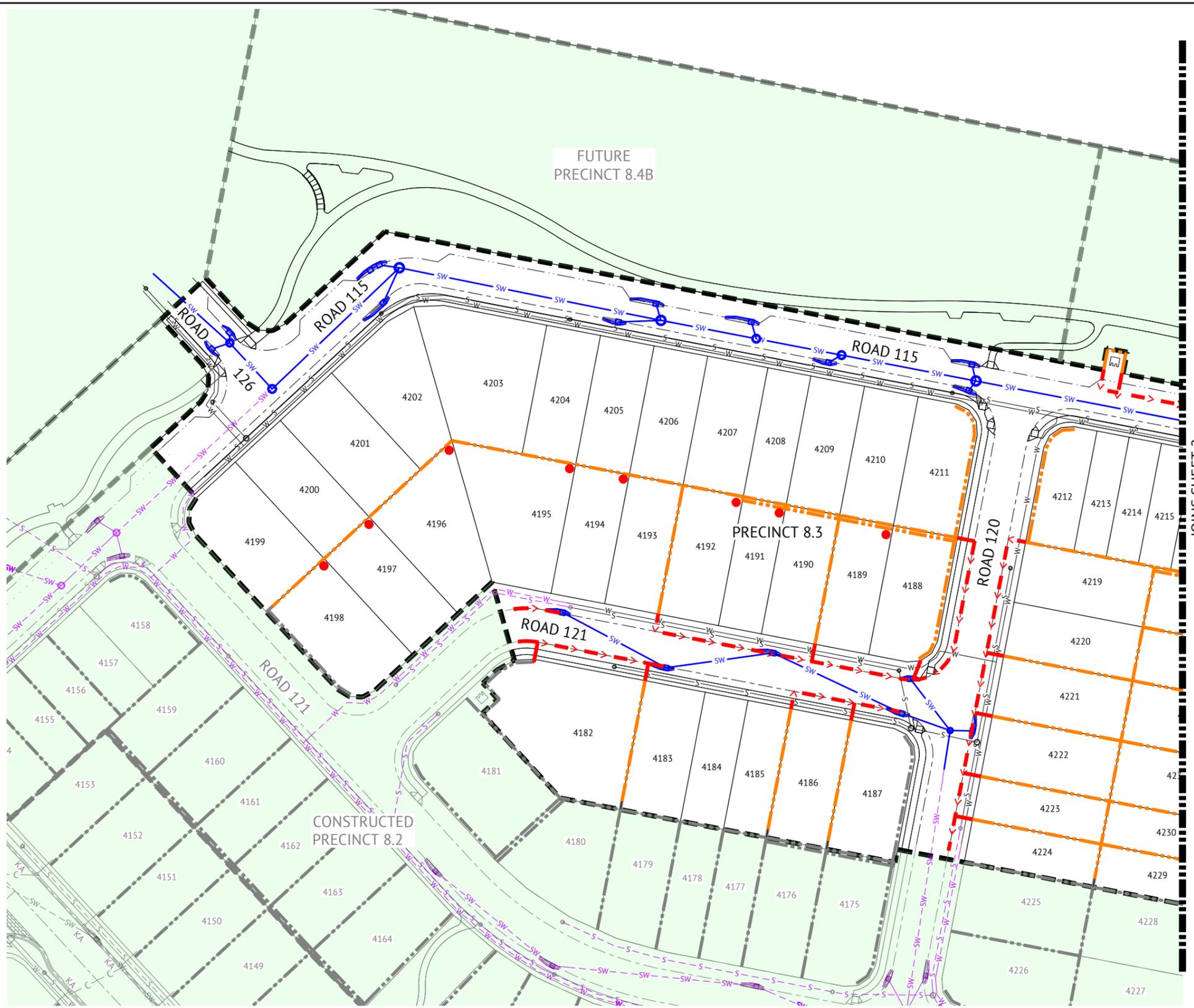
**Premise**  
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 NPEQ 7112

SCALE  
 0 15 30 45m  
 SCALE 1:750(A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
 PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
 LOCATION  
**TEVIOT ROAD, GREENBANK**  
 SHEET TITLE  
**EARTHWORKS SUBGRADE ROCK PREPARATION DETAILS**

JOB CODE  
**MIR-0803**  
 SHEET NUMBER  
**C220**  
 REV  
**B**



**LEGEND - PROPOSED**

- PROPOSED RETAINING WALL SUBSOIL DRAINAGE
- PROPOSED STORMWATER
- RETAINING WALL SUBSOIL OUTLET TO ALLOTMENT REFER DRAWING C211 FOR TYPICAL DETAILS
- RETAINING WALL SUBSOIL STUB
- PROPOSED RETAINING WALL
- PROPOSED SEWER
- PROPOSED WATER
- STAGE BOUNDARY

**LEGEND - CONSTRUCTED**

- RETAINING WALL
- STORMWATER
- SEWER
- WATER
- SEWER RISING

**LAYOUT PLAN**  
SCALE 1:500

JOINS SHEET 2

**FOR CONSTRUCTION**

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			REC	APP



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**NICK SOMERVILLE**

PROJECT DIRECTOR  
  
**PATRICK BRADY** NP/EQ 7112

SCALE



SCALE 1:500 (A1)

ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**

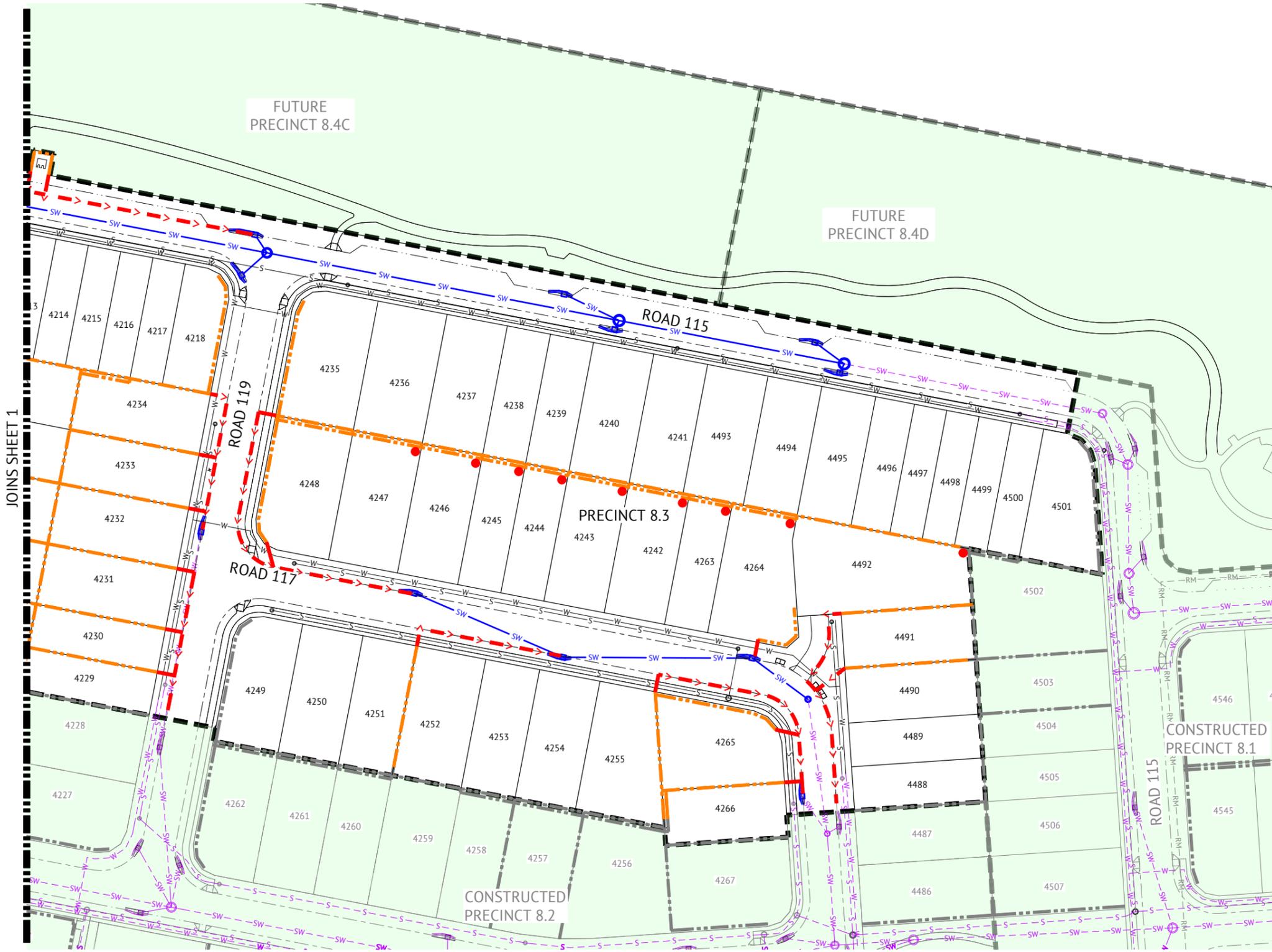
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**RETAINING WALL SUBSOIL DRAINAGE PLAN - SHEET 1**

JOB CODE  
**MIR-0803**

SHEET NUMBER	REV
<b>C230</b>	<b>B</b>



**LEGEND - PROPOSED**

- PROPOSED RETAINING WALL SUBSOIL DRAINAGE
- PROPOSED STORMWATER
- RETAINING WALL SUBSOIL OUTLET TO ALLOTMENT REFER DRAWING C211 FOR TYPICAL DETAILS
- RETAINING WALL SUBSOIL STUB
- PROPOSED RETAINING WALL
- PROPOSED SEWER
- PROPOSED WATER
- STAGE BOUNDARY

**LEGEND - CONSTRUCTED**

- RETAINING WALL
- STORMWATER
- SEWER
- WATER
- SEWER RISING

**LAYOUT PLAN**  
SCALE 1:500

JOINS SHEET 1

**FOR CONSTRUCTION**

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*PKB*  
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SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**RETAINING WALL SUBSOIL DRAINAGE PLAN - SHEET 2**

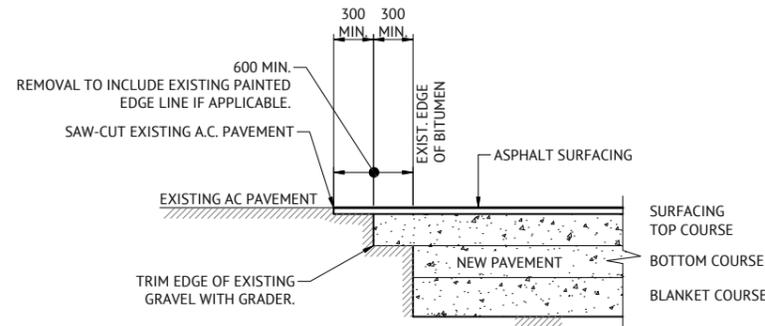
JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C231**  
REV  
**B**

**NOTES**

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH LOGAN CITY COUNCIL STANDARD DRAWINGS AND METHODS (U.N.O.).
2. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION.
3. THE CONTRACTOR IS TO ASCERTAIN THE EXACT LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THE COST OF RECTIFICATION OF ANY DAMAGES TO EXISTING SERVICES WHICH MAY OCCUR. THE LOCATION OF EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY.
4. SUBGRADE TEST RESULTS TO BE FORWARDED TO SUPERINTENDENT FOR DETERMINATION OF BOX DEPTHS PRIOR TO EXCAVATION. TESTS SHALL INCLUDE SOAKED CBR AND/OR OTHER TESTS AS REQUESTED BY THE SUPERINTENDENT.
5. ALLOTMENT FILLING TO BE COMPACTED TO 95% (min) OF THE R.D.D. (AS 1289 - TESTS E1.1, E4.1).
6. LEVELS AND SETOUT INFORMATION FOR KERB AND CHANNEL CONSTRUCTION IS GIVEN TO LIP OF KERB.
7. LEVELS AND GRADIENTS AT JUNCTIONS WITH EXISTING WORKS MAY BE VARIED AS APPROVED BY THE SUPERINTENDENT TO ACHIEVE SATISFACTORY CONNECTION TO THE EXISTING WORKS.
8. SIDE DRAINS AND MITRE DRAINS TO BE CONSTRUCTED ADJACENT TO ALL KERB AND CHANNEL.
9. PROVIDE FLUSH POINTS TO SUBSOIL DRAINS, LOCATIONS TO BE CONFIRMED ON SITE.
10. ALL STORMWATER PIPES SHALL BE CLASS '2' (UNO) R.C. PIPES UNLESS AN ALTERNATIVE IS APPROVED BY THE SUPERINTENDENT PRIOR TO CONSTRUCTION. ALL PIPES ARE 375mm DIAMETER U.N.O.
11. GULLIES AND GULLY GRATES SHALL BE TO STD. DRGs BSD-8051 - BSD-8059.
12. KACEY GALV. STEEL KERB ADAPTORS ARE TO BE INSTALLED TO THE REQUIREMENTS OF THE LOCAL COUNCILS STANDARD DRAWINGS AND SPECIFICATIONS.
13. ALL LOTS SHOWN BOXED TO HAVE ROOFWATER FOOTPATH CROSSINGS TO KERB. CROSSINGS ARE TO BE 88.9 DIA. GALV. CHS. TO KACEY KERB ADAPTOR.
14. ALL TEMPORARY ROOFWATER OUTLETS TO BE EXCAVATED AT 1 IN 200 TO NATURAL SURFACE.
15. ROOFWATER PITS ARE TO BE 600mm DIAMETER FOR DEPTHS LESS THAN 750mm, 900mm DIAMETER FOR DEPTHS BETWEEN 750mm AND 1500mm DEEP AND 1050mm DIAMETER FOR DEPTHS GREATER THAN 1500mm.
16. ALL ROOFWATER PIPES CROSSING CONCRETE FOOTPATHS ARE TO BE INSTALLED PRIOR TO CONSTRUCTION OF CONCRETE FOOTPATHS.
17. HAZARD MARKERS (D4-4A) TO BE PLACED AT THE END OF NEW WORKS AS DIRECTED BY SUPERINTENDENT.
18. SITE CBR VALUE AND PAVEMENT DESIGN AND DEPTHS TO BE VERIFIED WITH CBR TESTS PRIOR TO CONSTRUCTION.
19. LOCATION & LEVELS OF ALL EXISTING SERVICES TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
20. TO BE READ IN CONJUNCTION WITH ALL STORMWATER DRAINAGE LAYOUT PLANS & ROADWORKS DETAILS.

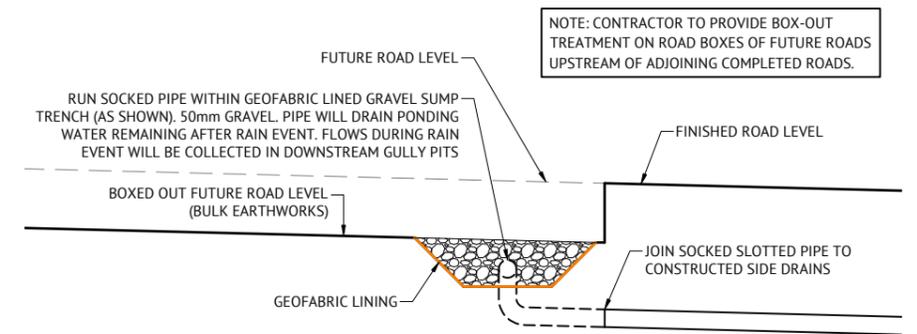
**ROADWORKS NOTES**

1. GEOTECHNICAL TESTING FOR PAVEMENT CONSTRUCTION IS TO BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT SPECIFICATION. TEST CERTIFICATES ARE TO BE PREPARED BY A REGISTERED N.A.T.A. LABORATORY AT THE CONTRACTORS COST AND SHALL BE PROVIDED TO THE ENGINEER PROGRESSIVELY THROUGH THE WORKS. THE CONTRACTOR IS TO NOTIFY THE ENGINEER OF ANY NON-CONFORMANCES. ALL NON CONFORMING WORK IS TO BE RECTIFIED AS DIRECTED BY THE ENGINEER.
2. FULL DEPTH PAVEMENT CONSTRUCTION SHALL EXTEND BEHIND ALL KERB AND KERB AND CHANNEL FOR A DISTANCE WHICH IS THE GREATER OF 150mm FROM THE BACK OF KERB OR ACROSS TO THE OUTER LIMIT OF SIDE DRAIN FILTER MATERIAL.
3. TRANSITION KERB AND CHANNEL TO BARRIER KERB SMOOTHLY OVER MIN. 1.0m LENGTH.
4. PAVEMENT THICKNESSES NOMINATED ON THESE DRAWINGS ARE PROVISIONAL ONLY AND MAY BE VARIED BY THE SUPERINTENDENT SUBJECT TO INSITU PAVEMENT SUBGRADE TESTING. PAVEMENT SUBGRADES ARE TO BE INITIALLY CONSTRUCTED TO THE UNDERSIDE OF THE NOMINATED LOWER SUBBASE COURSE WITHIN FILL AREAS, AND TO THE UNDERSIDE OF THE NOMINATED UPPER SUBBASE COURSE WITHIN CUT AREAS. INSITU SUBGRADE CBR TESTING AS SPECIFIED FOR PAVEMENT DESIGN VERIFICATION IS TO BE CARRIED OUT AT THESE LEVELS.
5. REPAIR ANY DAMAGE TO EXISTING KERB AND CHANNEL, FOOTPATH OR ROADWAY (INCLUDING REMOVAL OF CONCRETE SLURRY FROM FOOTPATHS, ROADS, KERB AND CHANNEL AND STORMWATER GULLIES AND SIDEDRAINS) THAT MAY OCCUR DURING ANY WORKS CARRIED OUT.



**TYPICAL PAVEMENT CUT-BACK DETAIL**

N.T.S



NOTE: CONTRACTOR TO PROVIDE BOX-OUT TREATMENT ON ROAD BOXES OF FUTURE ROADS UPSTREAM OF ADJOINING COMPLETED ROADS.

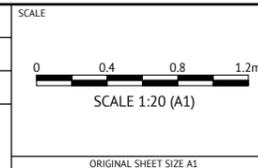
**TYPICAL FUTURE ROADS BOX-OUT TREATMENT**

**FOR CONSTRUCTION**



**BRISBANE OFFICE**  
LEVEL 11, 300 ADELAIDE STREET  
BRISBANE, QLD 4000  
PH: (07) 3253 2222  
WEB: www.premise.com.au

DESIGNED  
**KLYNT KIWANG**  
CHECKED  
**ANDREW LANGDON**  
PROJECT MANAGER  
**NICK SOMERVILLE**  
PROJECT DIRECTOR  
*PKB*  
**PATRICK BRADY** NPEQ 7112



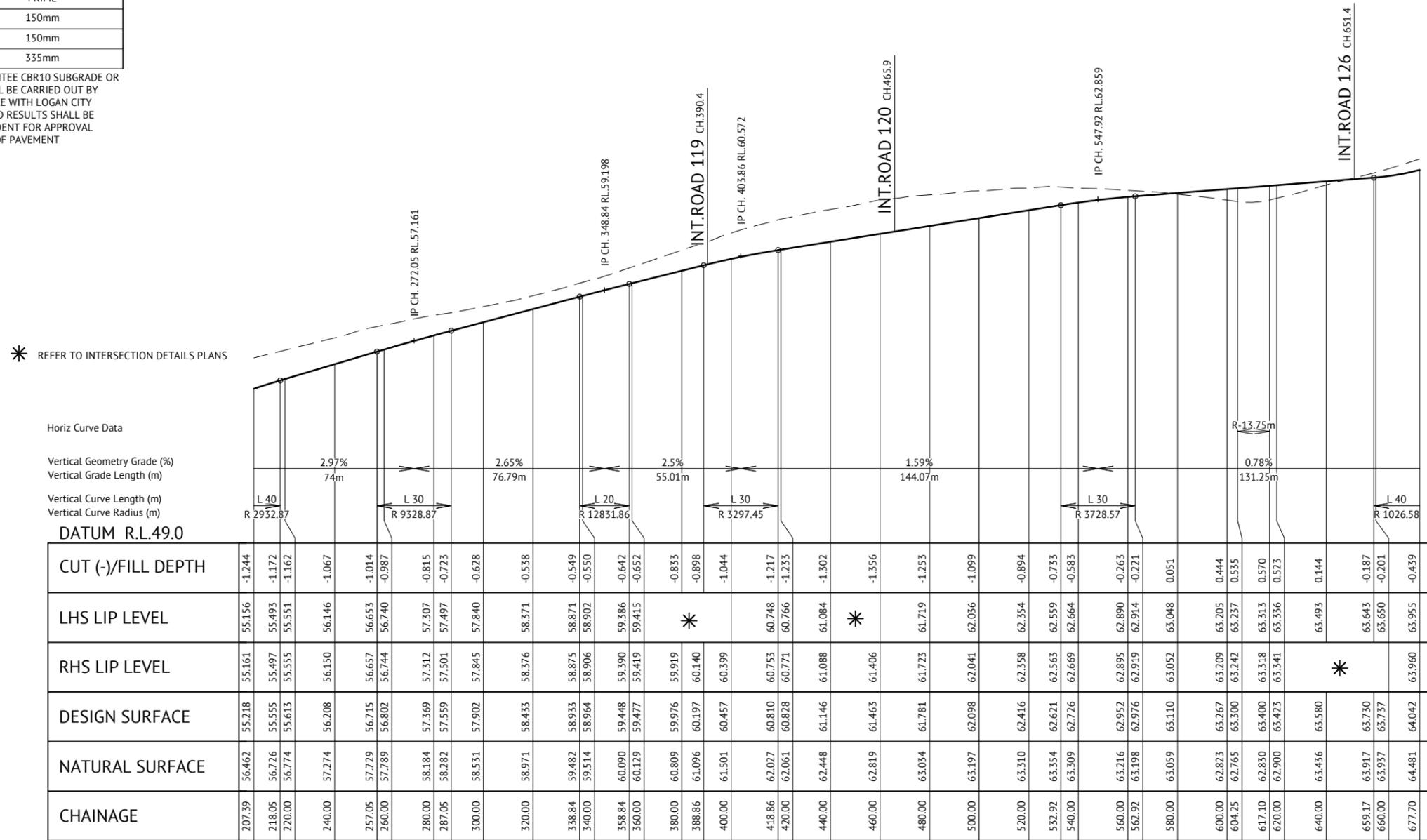
CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**ROADWORKS NOTES AND DETAILS**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C300**  
REV  
**B**

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 115
CLASS	-	ACCESS STREET (PARK)
ESA's	-	5.90 x 10 <sup>5</sup>
SURFACE	-	35mm AC of 10mm MIX
PRIMER TYPE	-	PRIME
CBR 80	-	150mm
CBR 45	-	150mm
TOTAL BOX	-	335mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION.



ROAD 115 LONGITUDINAL SECTION  
SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION

**Premise**  
BRISBANE OFFICE  
LEVEL 11, 300 ADELAIDE STREET  
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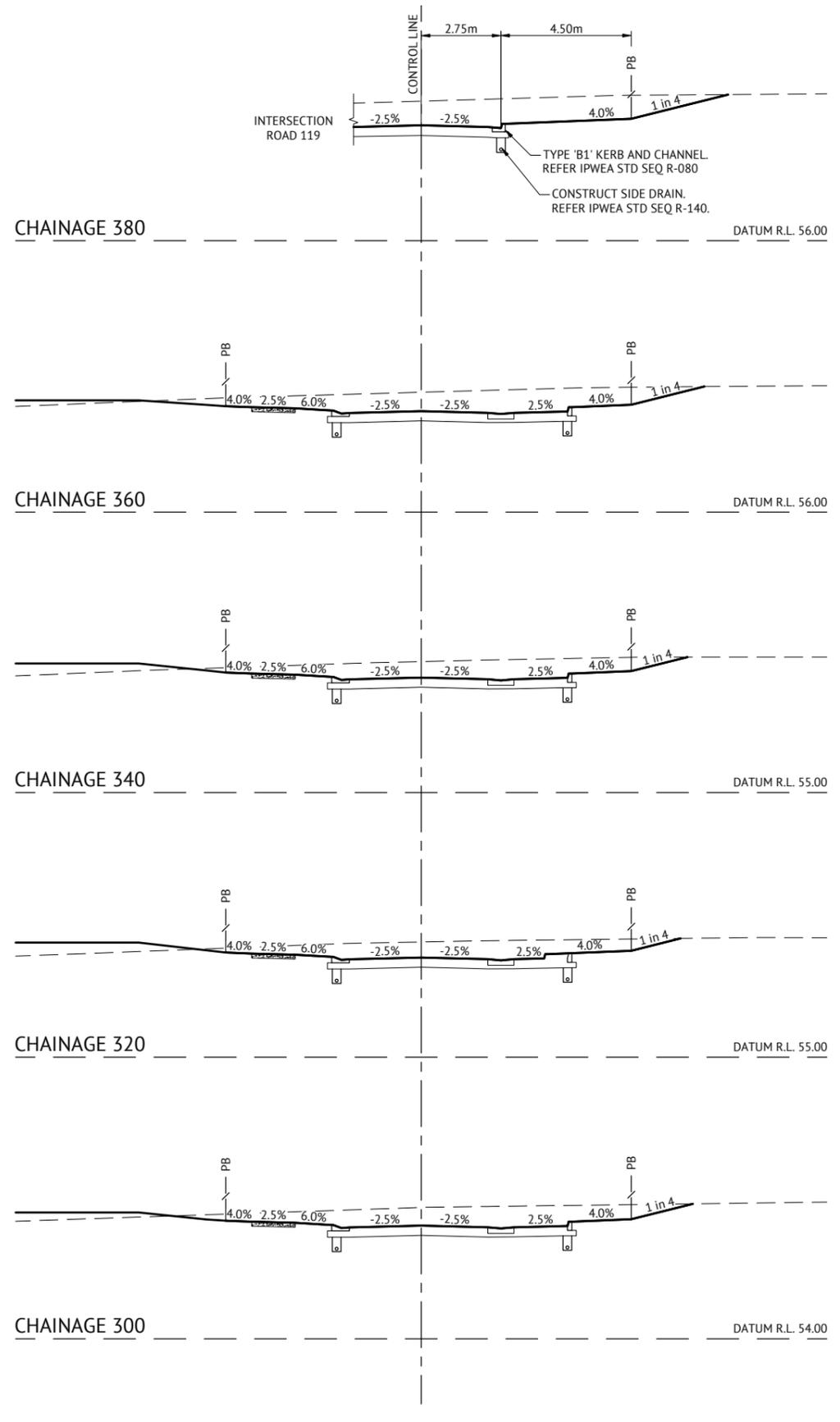
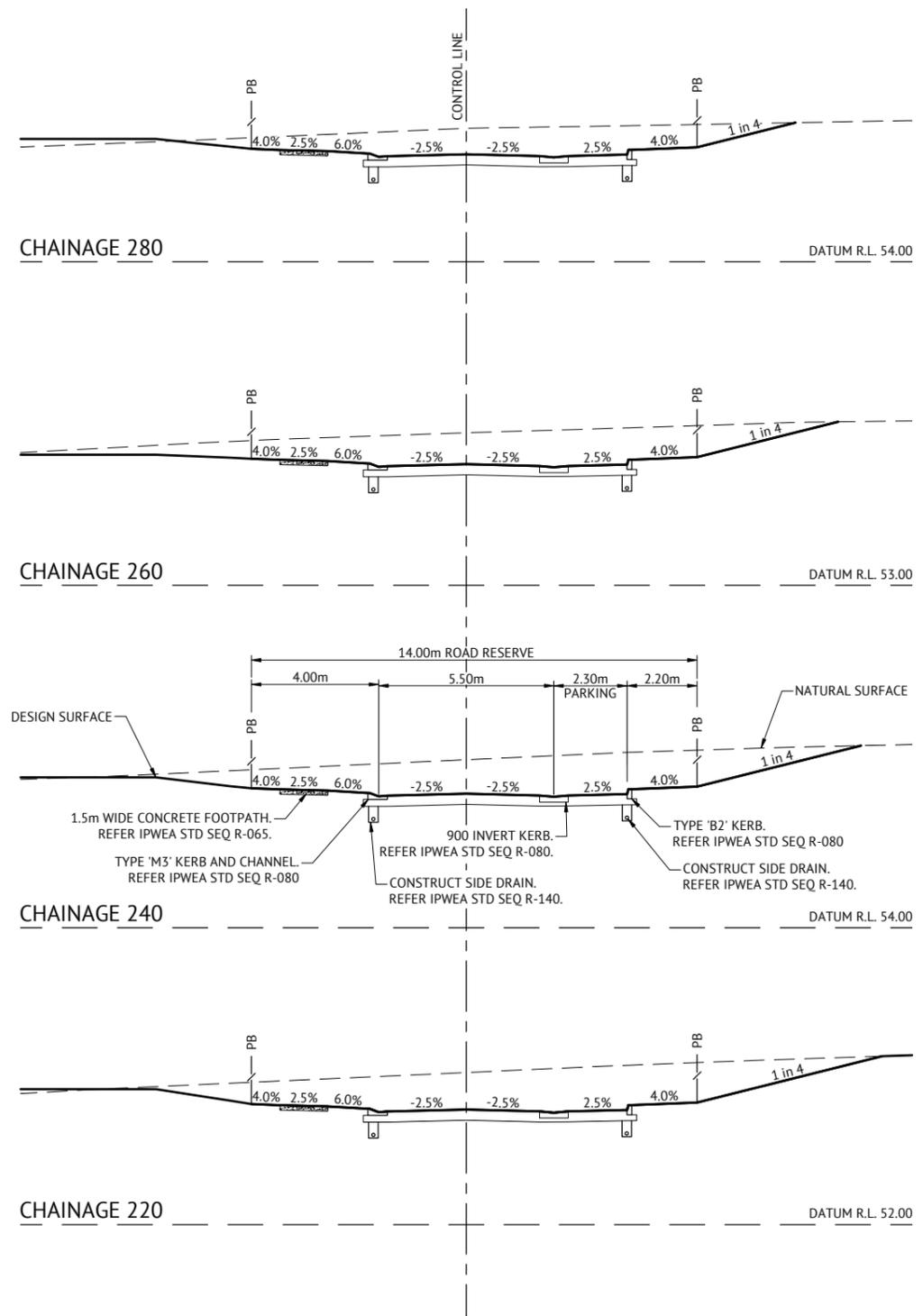
DESIGNED  
KLYNT KIWANG  
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ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
KPEQ 7112

SCALE  
HORIZONTAL 1:1000 (A1)  
VERTICAL 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
ROAD 115 LONG SECTION

JOB CODE  
MIR-0803  
SHEET NUMBER  
C310  
REV  
B

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB



ROAD 115 CROSS SECTIONS  
SCALE 1:100

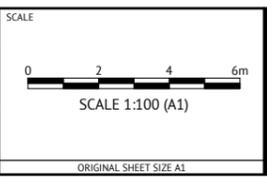
FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB



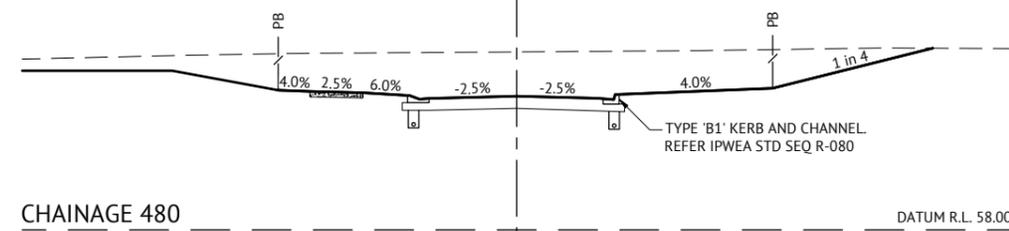
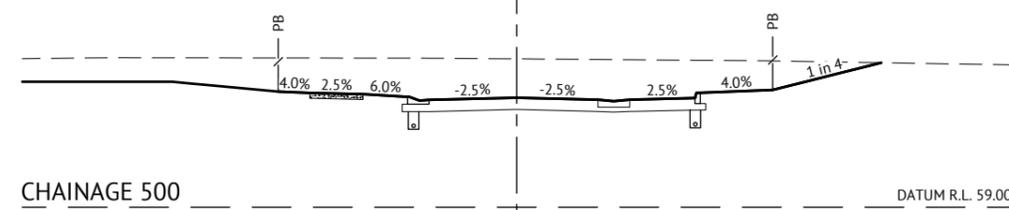
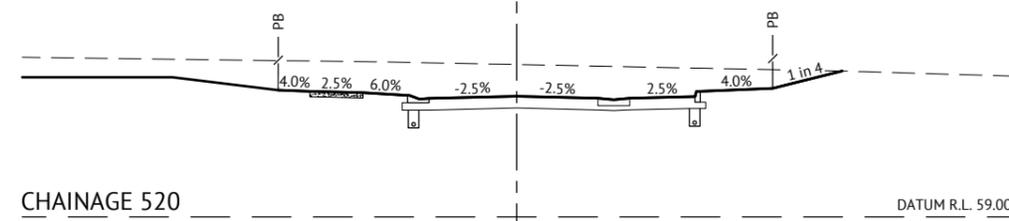
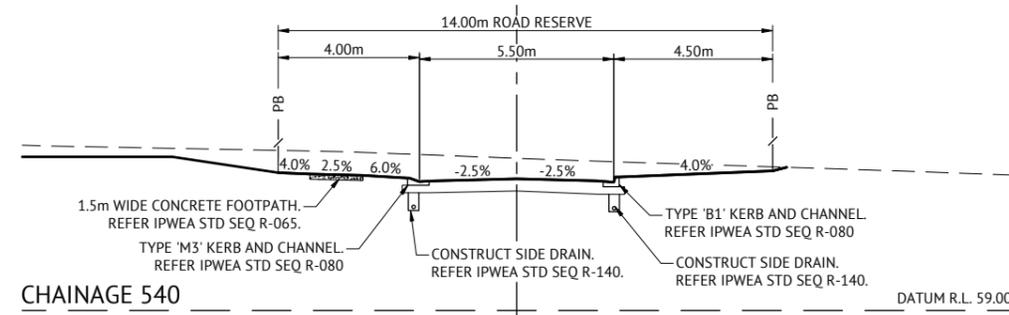
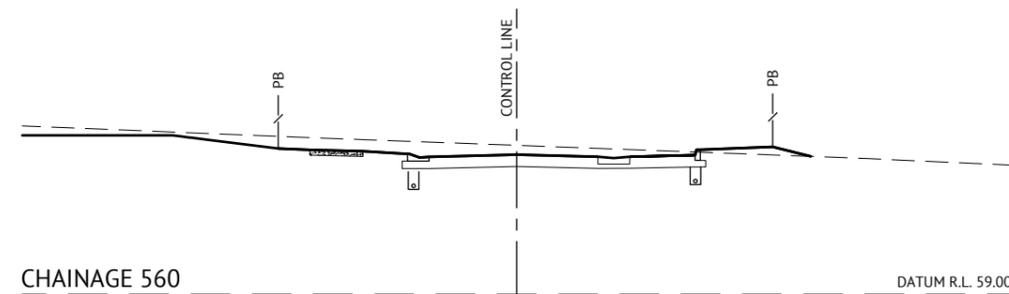
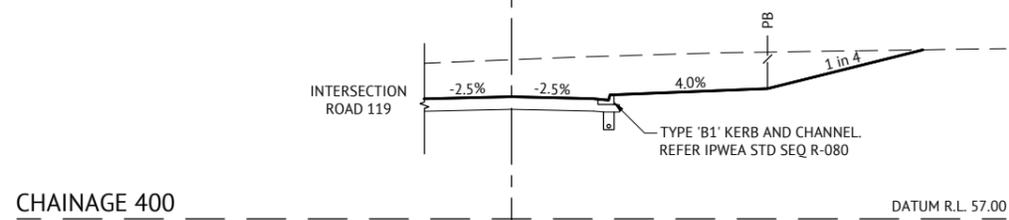
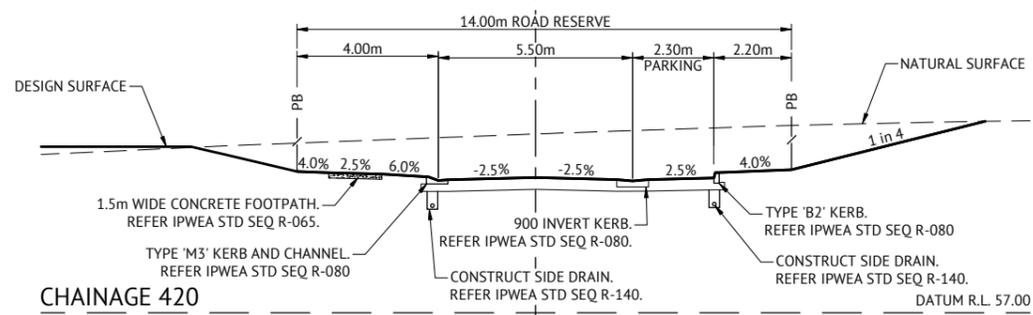
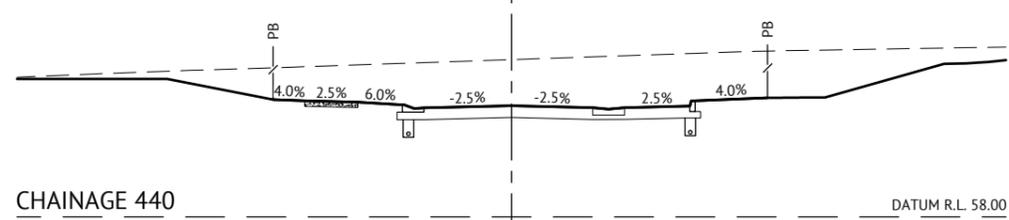
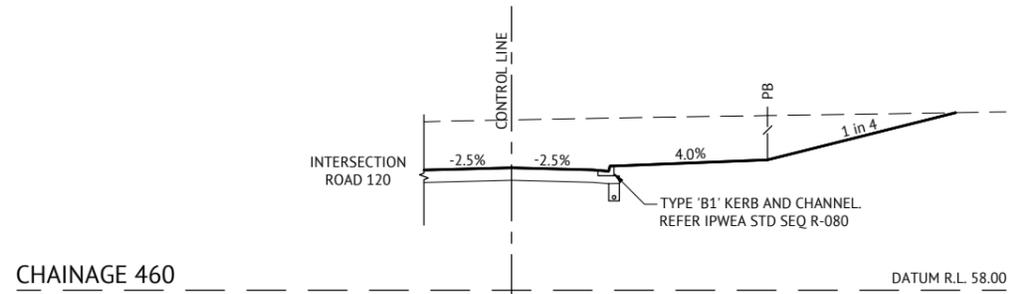
**BRISBANE OFFICE**  
LEVEL 11, 300 ADELAIDE STREET  
BRISBANE, QLD 4000  
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DESIGNED  
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PROJECT DIRECTOR  
PATRICK BRADY  
NPEQ 7112



CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**ROAD 115 CROSS SECTIONS - SHEET 1**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C311**  
REV  
**B**



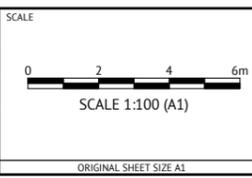
ROAD 115 CROSS SECTIONS  
SCALE 1:100

FOR CONSTRUCTION



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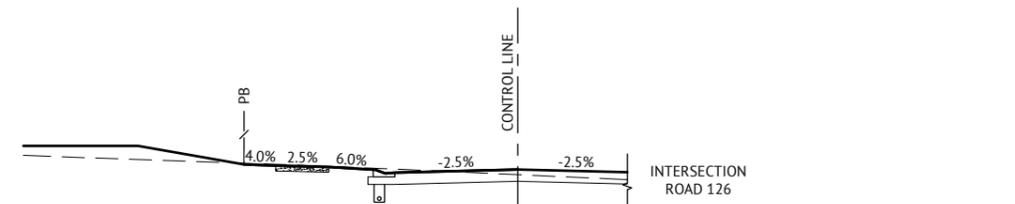
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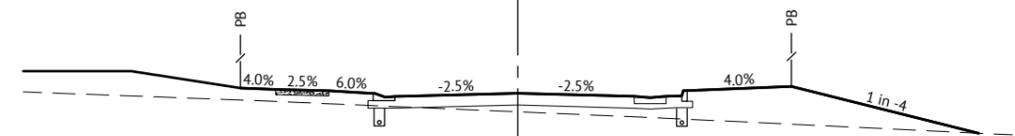
CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
ROAD 115 CROSS SECTIONS - SHEET 2

JOB CODE  
MIR-0803  
SHEET NUMBER  
C312  
REV  
B

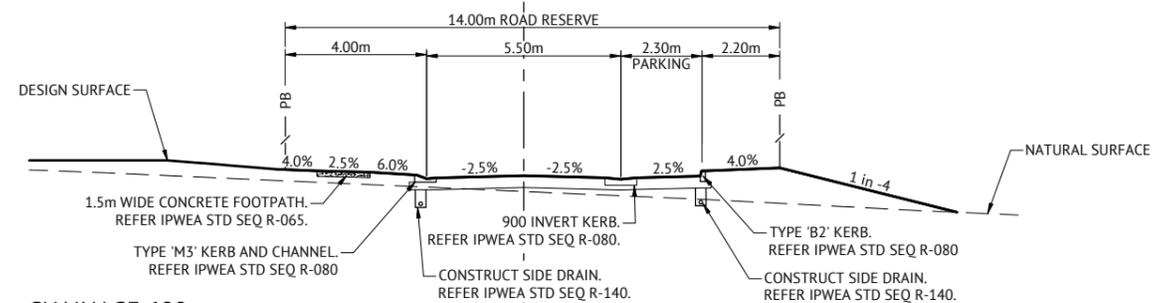
DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB



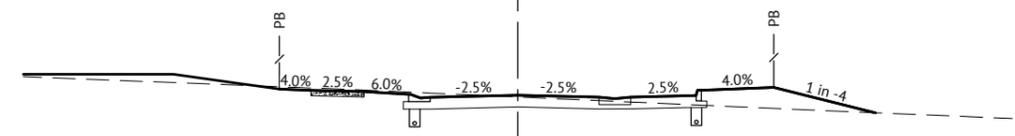
CHAINAGE 640 DATUM R.L. 59.00



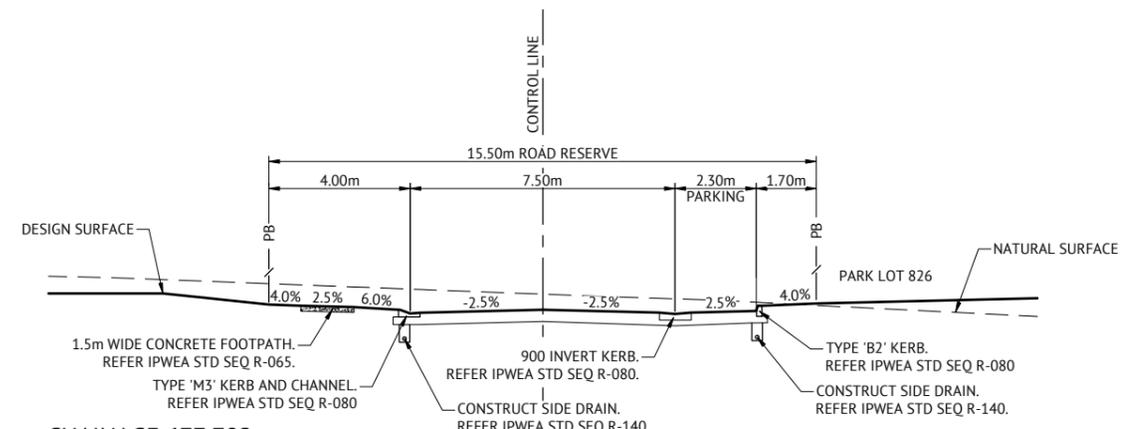
CHAINAGE 620 DATUM R.L. 59.00



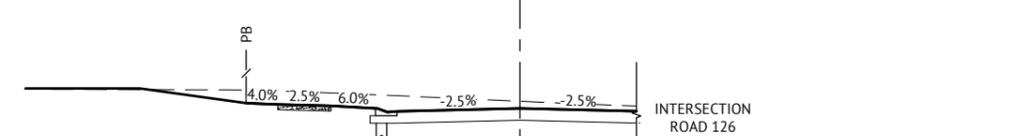
CHAINAGE 600 DATUM R.L. 59.00



CHAINAGE 580 DATUM R.L. 59.00



CHAINAGE 677.702 DATUM R.L. 60.00



CHAINAGE 660 DATUM R.L. 60.00

ROAD 115 CROSS SECTIONS  
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

**Premise**  
BRISBANE OFFICE  
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KPEQ 7112

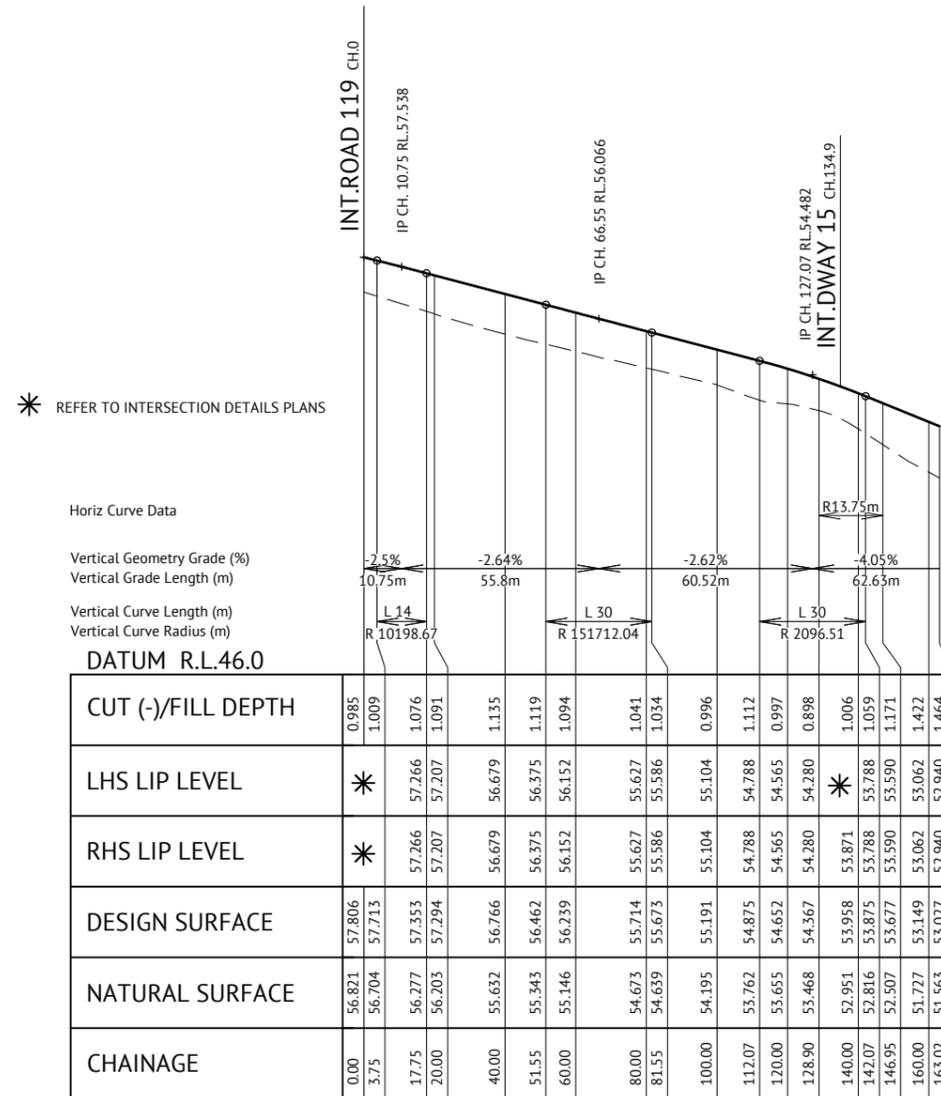
SCALE  
0 2 4 6m  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
ROAD 115 CROSS SECTIONS - SHEET 3

JOB CODE  
MIR-0803  
SHEET NUMBER  
C313  
REV  
B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 117
CLASS	-	ACCESS STREET (TYPICAL)
ESA's	-	5.90 x 10 <sup>5</sup>
SURFACE	-	35mm AC of 10mm MIX
PRIMER TYPE	-	PRIME
CBR 80	-	150mm
CBR 45	-	150mm
TOTAL BOX	-	335mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION.



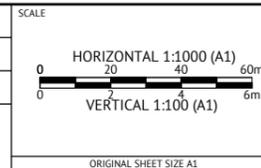
ROAD 117 LONGITUDINAL SECTION  
SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION



BRISBANE OFFICE  
LEVEL 11, 300 ADELAIDE STREET  
BRISBANE, QLD 4000  
PH: (07) 3253 2222  
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DESIGNED  
KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
KPEQ 7112



CLIENT

MIRVAC QLD PTY LTD

PROJECT

EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT

LOCATION

TEVIOT ROAD, GREENBANK

SHEET TITLE

ROAD 117 LONG SECTION

JOB CODE

MIR-0803

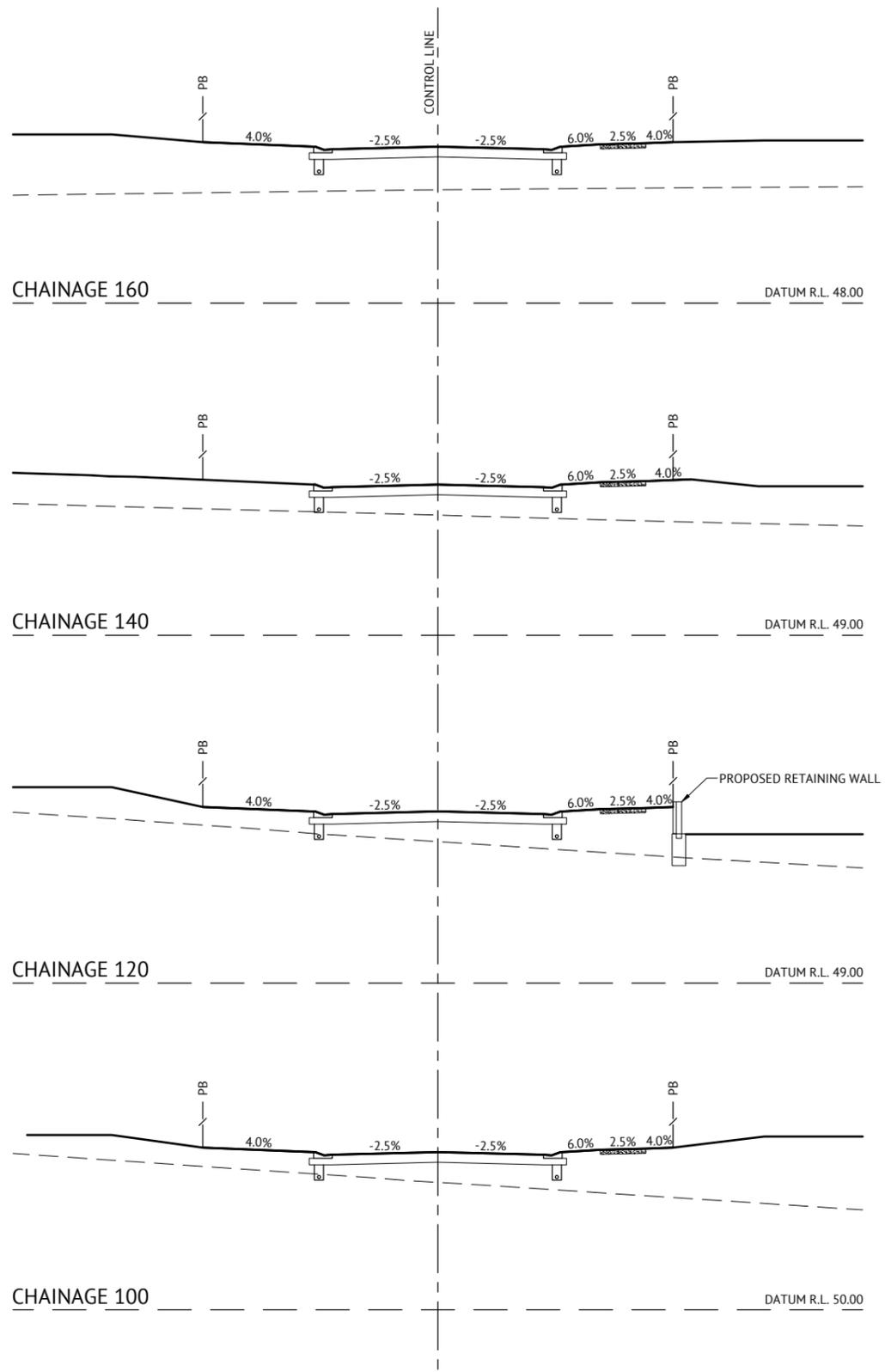
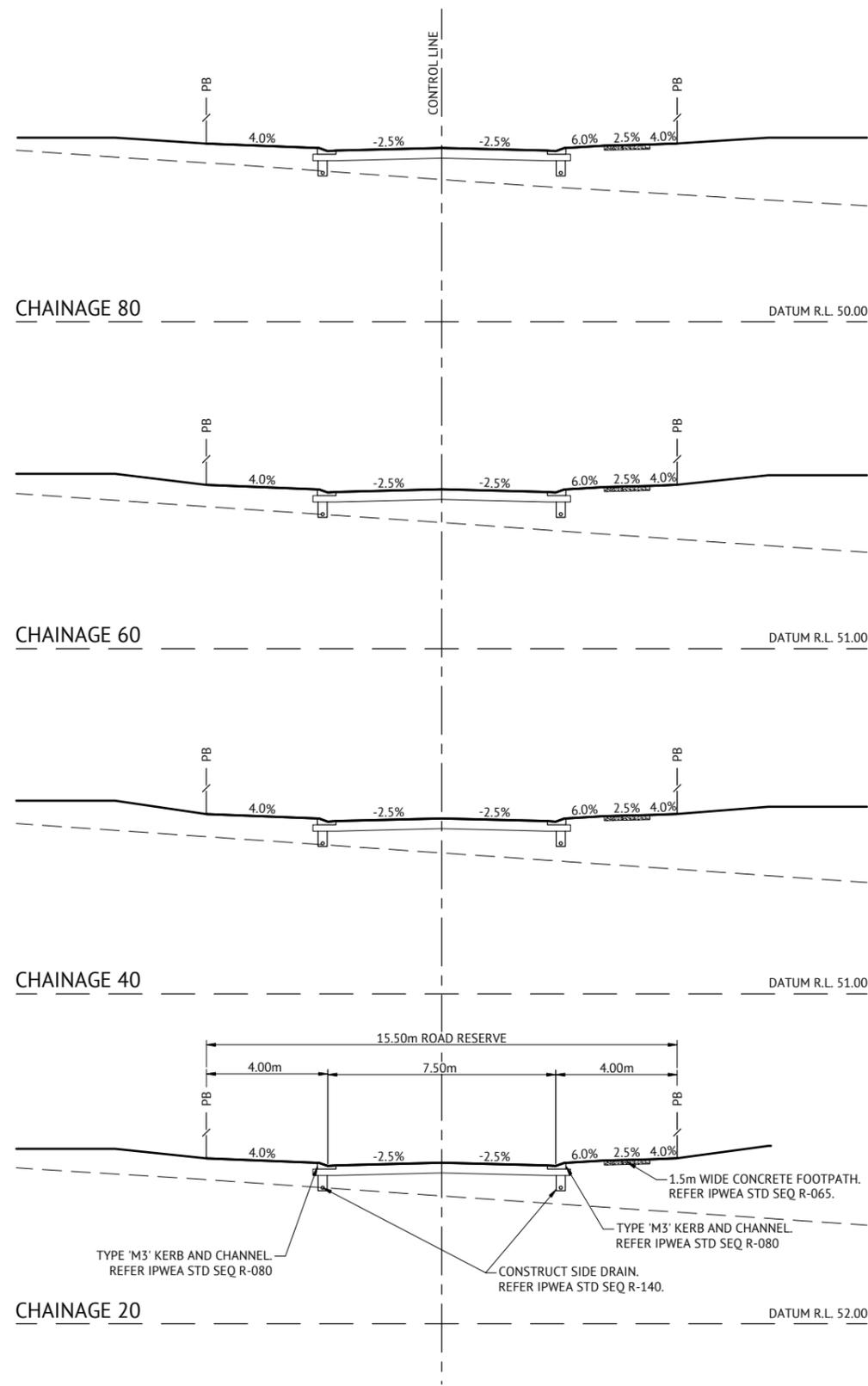
SHEET NUMBER

C314

REV

B

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB



ROAD 117 CROSS SECTION  
SCALE 1:100

<b>FOR CONSTRUCTION</b>			
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
DATE	REV	DESCRIPTION	REC APP
REVISIONS			

**Premise**  
BRISBANE OFFICE  
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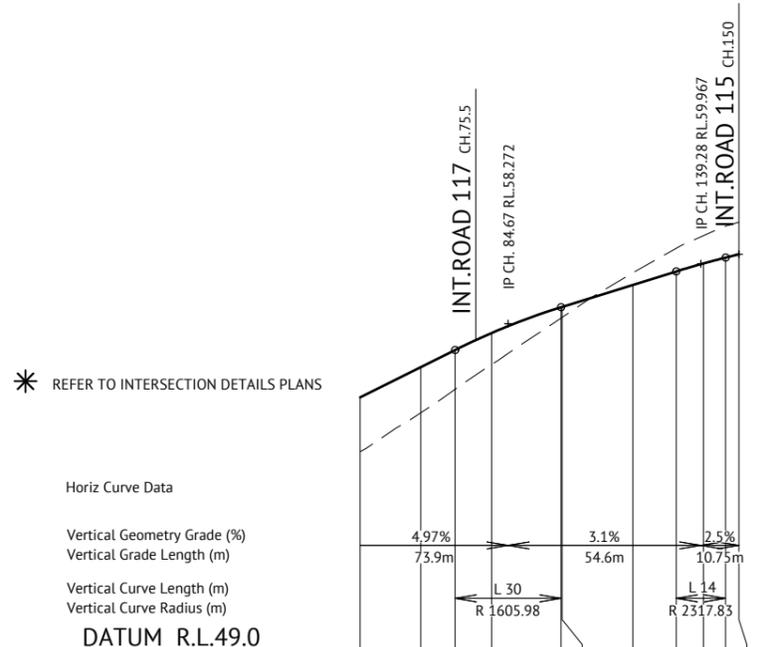
SCALE  
0 2 4 6m  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**ROAD 117 CROSS SECTIONS**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C315**  
REV  
**B**

PAVEMENT DESIGN (PRELIMINARY)	
ROADS	- ROAD 119
CLASS	- ACCESS STREET (TYPICAL)
ESA's	- 5.90 x 10 <sup>5</sup>
SURFACE	- 35mm AC of 10mm MIX
PRIMER TYPE	- PRIME
CBR 80	- 150mm
CBR 45	- 150mm
TOTAL BOX	- 335mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION.

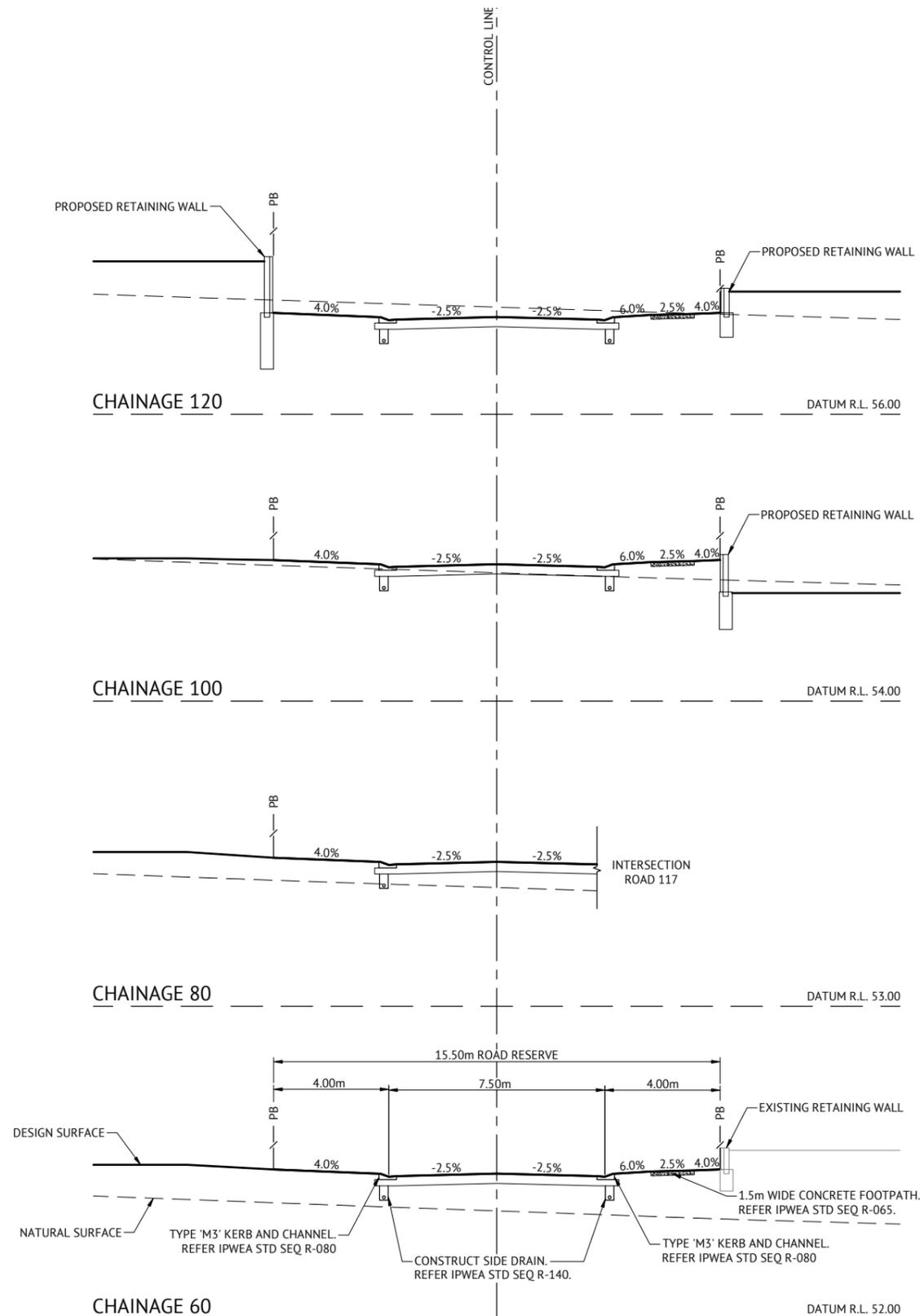


\* REFER TO INTERSECTION DETAILS PLANS

Vertical Geometry Grade (%)  
Vertical Grade Length (m)  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L.49.0	
CUT (-)/FILL DEPTH	1.536
LHS LIP LEVEL	56.102
RHS LIP LEVEL	56.102
DESIGN SURFACE	56.189
NATURAL SURFACE	54.652
CHAINAGE	42.78

ROAD 119 LONGITUDINAL SECTION  
SCALE 1:1000(H) 1:100(V)



ROAD 119 CROSS SECTION  
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

**Premise**  
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CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
NPEQ 7112

SCALE  
HORIZONTAL 1:1000 (A1)  
VERTICAL 1:100 (A1)  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
ROAD 119 LONG AND CROSS SECTIONS

JOB CODE  
MIR-0803  
SHEET NUMBER  
C316  
REV  
B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 120
CLASS	-	ACCESS STREET (TYPICAL)
ESA's	-	5.90 x 10 <sup>5</sup>
SURFACE	-	35mm AC of 10mm MIX
PRIMER TYPE	-	PRIME
CBR 80	-	150mm
CBR 45	-	150mm
TOTAL BOX	-	335mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION.

\* REFER TO INTERSECTION DETAILS PLANS

Horiz Curve Data

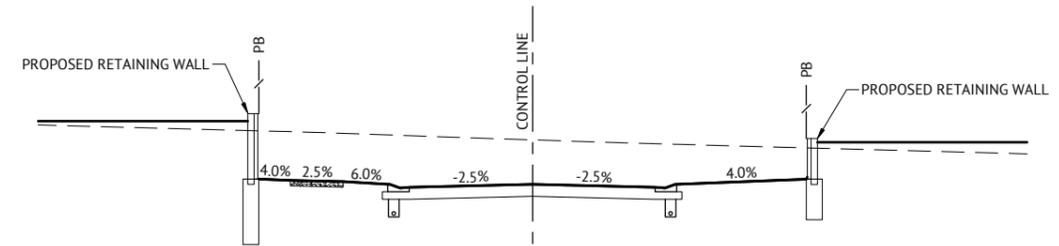
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Vertical Grade Length (m)

Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L.52.0

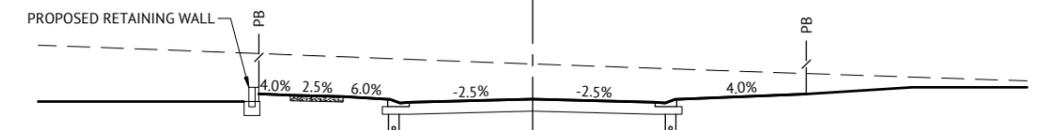
CUT (-)/FILL DEPTH	57.608	58.474	59.389	59.738	60.029	60.626	60.992	61.300	61.463	61.557
LHS LIP LEVEL	57.608	58.474	59.389	59.738	60.029	60.626	60.992	61.300	61.463	61.557
RHS LIP LEVEL	57.608	58.474	59.389	59.738	60.029	60.626	60.992	61.300	61.463	61.557
DESIGN SURFACE	57.695	58.561	59.476	59.825	60.116	60.713	61.079	61.300	61.463	61.557
NATURAL SURFACE	57.951	58.975	59.271	60.104	60.632	61.112	61.969	62.415	62.823	62.890
CHAINAGE	42.75	60.00	65.25	80.00	90.25	100.00	120.00	132.25	140.00	150.00

ROAD 120 LONGITUDINAL SECTION  
SCALE 1:1000(H) 1:100(V)



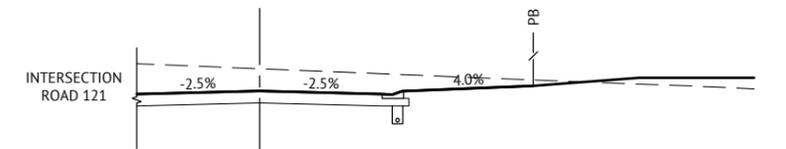
CHAINAGE 120

DATUM R.L. 57.00



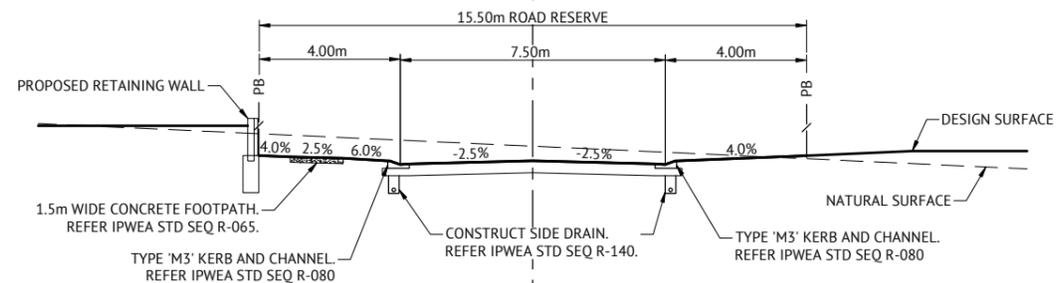
CHAINAGE 100

DATUM R.L. 57.00



CHAINAGE 80

DATUM R.L. 56.00



CHAINAGE 60

DATUM R.L. 56.00

ROAD 120 CROSS SECTION  
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB



BRISBANE OFFICE  
LEVEL 11, 300 ADELAIDE STREET  
BRISBANE, QLD 4000  
PH: (07) 3253 2222  
WEB: www.premise.com.au

DESIGNED  
KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
KPEQ 7112

SCALE  
HORIZONTAL 1:1000 (A1)  
VERTICAL 1:100 (A1)  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
PROJECT  
LOCATION  
SHEET TITLE

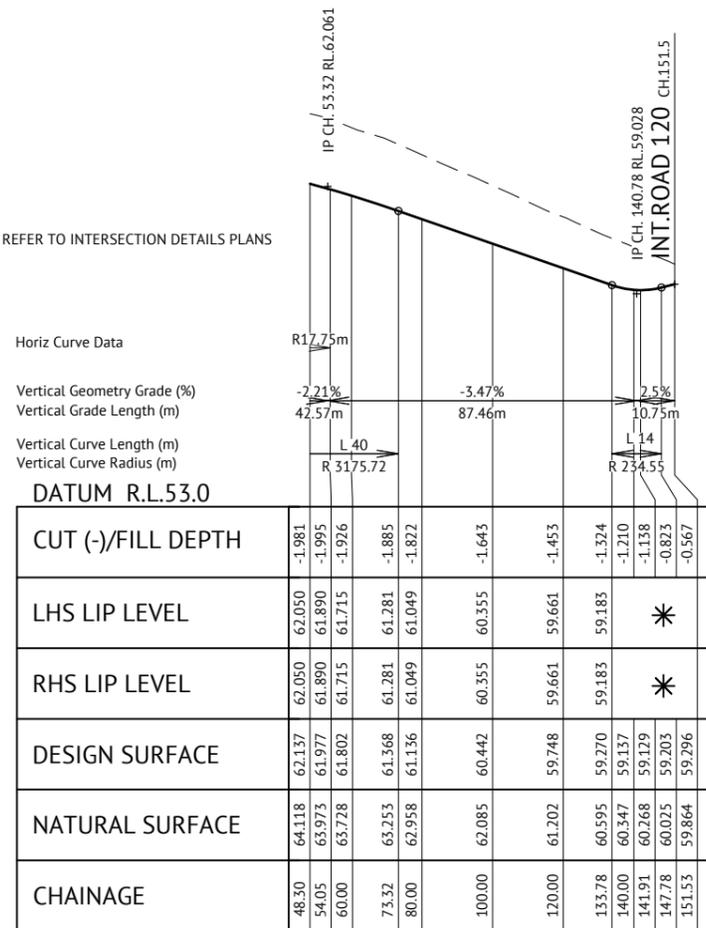
MIRVAC QLD PTY LTD  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
TEVIOT ROAD, GREENBANK  
ROAD 120 LONG AND CROSS SECTIONS

JOB CODE  
MIR-0803  
SHEET NUMBER  
C317  
REV  
B

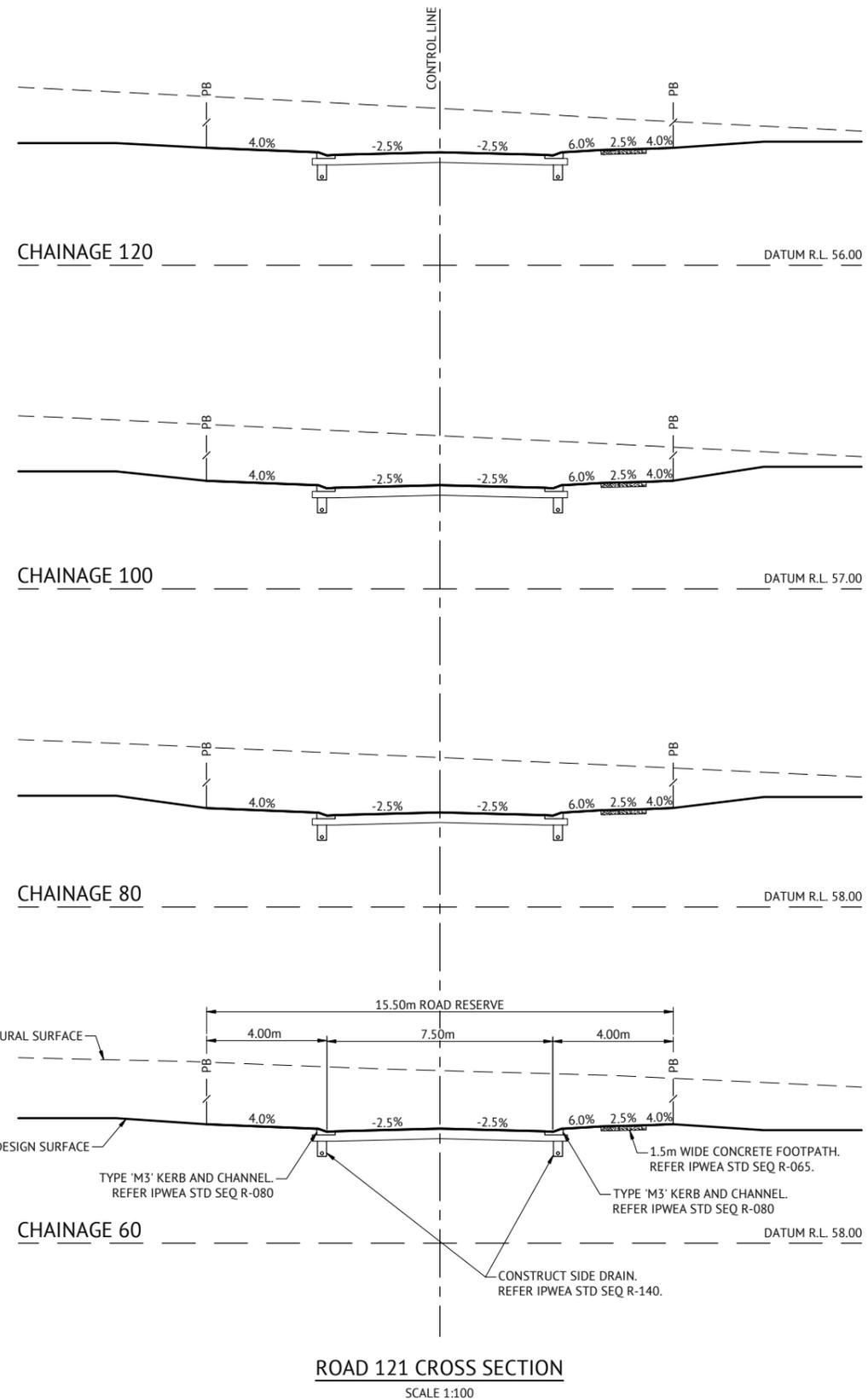
PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 121
CLASS	-	ACCESS STREET (TYPICAL)
ESA's	-	5.90 x 10 <sup>5</sup>
SURFACE	-	35mm AC of 10mm MIX
PRIMER TYPE	-	PRIME
CBR 80	-	150mm
CBR 45	-	150mm
TOTAL BOX	-	335mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION.

\* REFER TO INTERSECTION DETAILS PLANS



ROAD 121 LONGITUDINAL SECTION  
SCALE 1:1000(H) 1:100(V)



FOR CONSTRUCTION

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KPEQ 7112

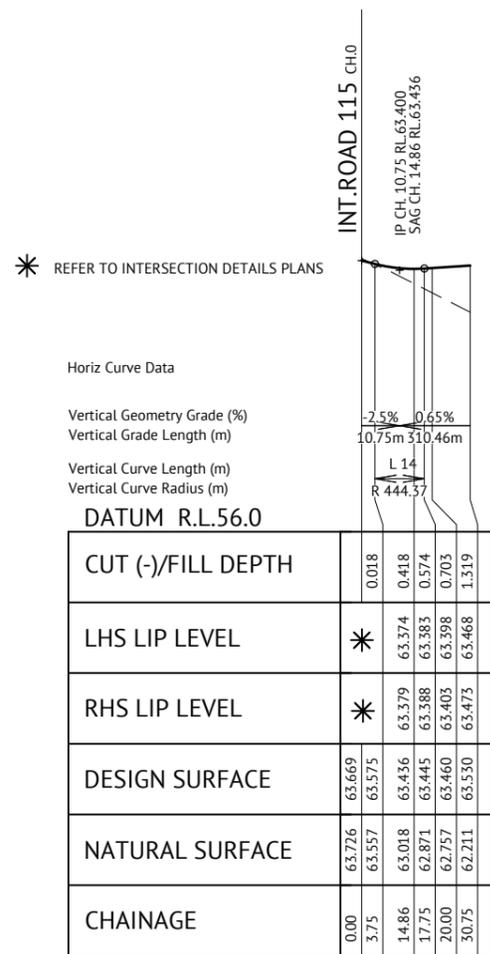
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HORIZONTAL 1:1000 (A1)  
VERTICAL 1:100 (A1)  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**ROAD 121 LONG AND CROSS SECTIONS**

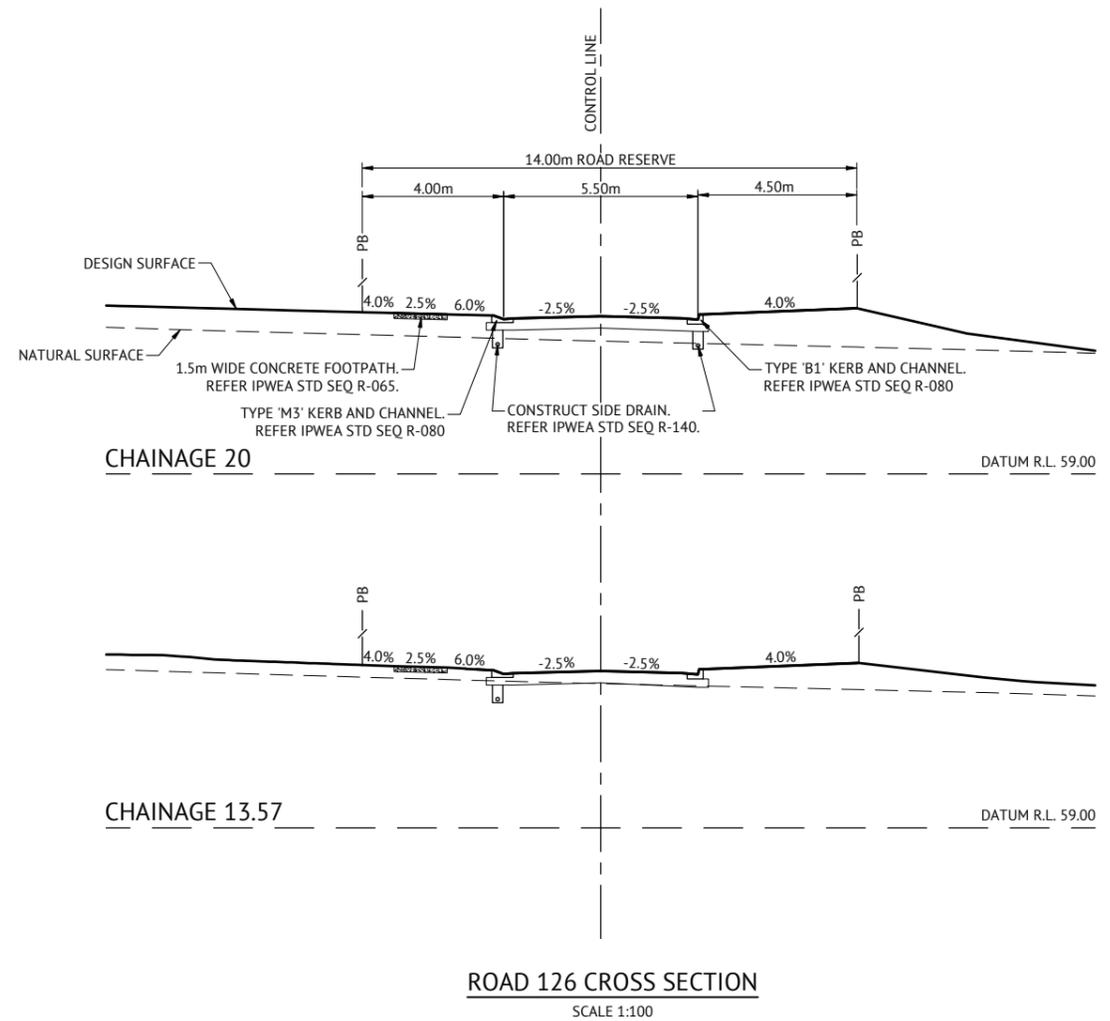
JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C318**  
REV  
**B**

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 126
CLASS	-	ACCESS STREET (PARK)
ESA's	-	5.90 x 10 <sup>5</sup>
SURFACE	-	35mm AC of 10mm MIX
PRIMER TYPE	-	PRIME
CBR 80	-	150mm
CBR 45	-	150mm
TOTAL BOX	-	335mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION.



ROAD 126 LONGITUDINAL SECTION  
SCALE 1:1000(H) 1:100(V)



FOR CONSTRUCTION

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NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
KPEQ 7112

SCALE  
HORIZONTAL 1:1000 (A1)  
VERTICAL 1:100 (A1)  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
ROAD 126 LONG AND CROSS SECTIONS

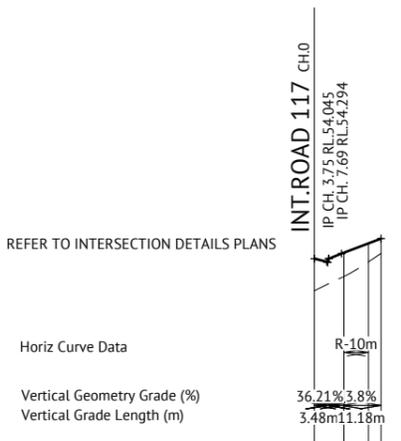
JOB CODE  
MIR-0803  
SHEET NUMBER  
C319  
REV  
B

**PAVEMENT DESIGN (PRELIMINARY)**

ROADS	-	DRIVEWAY 15
CLASS	-	DRIVEWAY
SURFACE	-	150mm CONCRETE PAVEMENT
CBR 45	-	100mm
TOTAL BOX	-	250mm

CONTRACTOR SHALL GUARANTEE CBR10 SUBGRADE OR GREATER. CBR TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH LOGAN CITY COUNCIL REQUIREMENTS AND RESULTS SHALL BE PRESENTED TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF PAVEMENT CONSTRUCTION. ASSUMED CBR 10 SUBGRADE PRIOR TO TESTING.

\* REFER TO INTERSECTION DETAILS PLANS



Horiz Curve Data

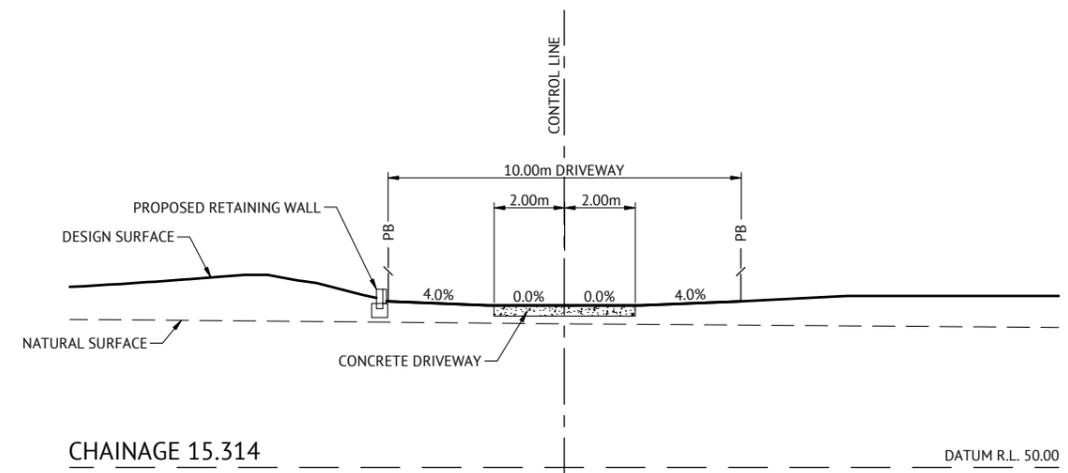
Vertical Geometry Grade (%)  
Vertical Grade Length (m)

Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L.47.0

CUT (-)/FILL DEPTH	0.906	0.672	0.521	0.418
LHS LIP LEVEL	*	54.319	54.584	54.719
RHS LIP LEVEL	*	54.319	54.584	54.719
DESIGN SURFACE	54.152	54.319	54.584	54.719
NATURAL SURFACE	53.246	53.647	54.062	54.301
CHAINAGE	0.00	8.35	15.31	18.87

**DWAY 15 LONGITUDINAL SECTION**  
SCALE 1:1000(H) 1:100(V)



**DWAY 15 CROSS SECTION**  
SCALE 1:100

**FOR CONSTRUCTION**

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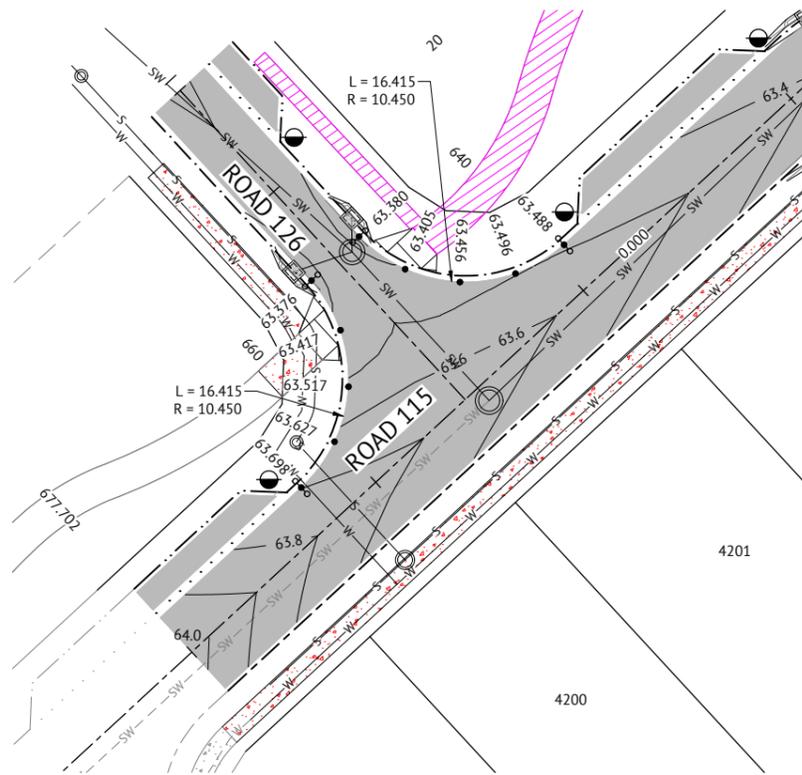
**Premise**  
BRISBANE OFFICE  
LEVEL 11, 300 ADELAIDE STREET  
BRISBANE, QLD 4000  
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CHECKED  
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PROJECT MANAGER  
**NICK SOMERVILLE**  
PROJECT DIRECTOR  
*PKB*  
**PATRICK BRADY** RPEQ 7112

SCALE  
HORIZONTAL 1:1000 (A1)  
VERTICAL 1:100 (A1)  
SCALE 1:100 (A1)  
ORIGINAL SHEET SIZE A1

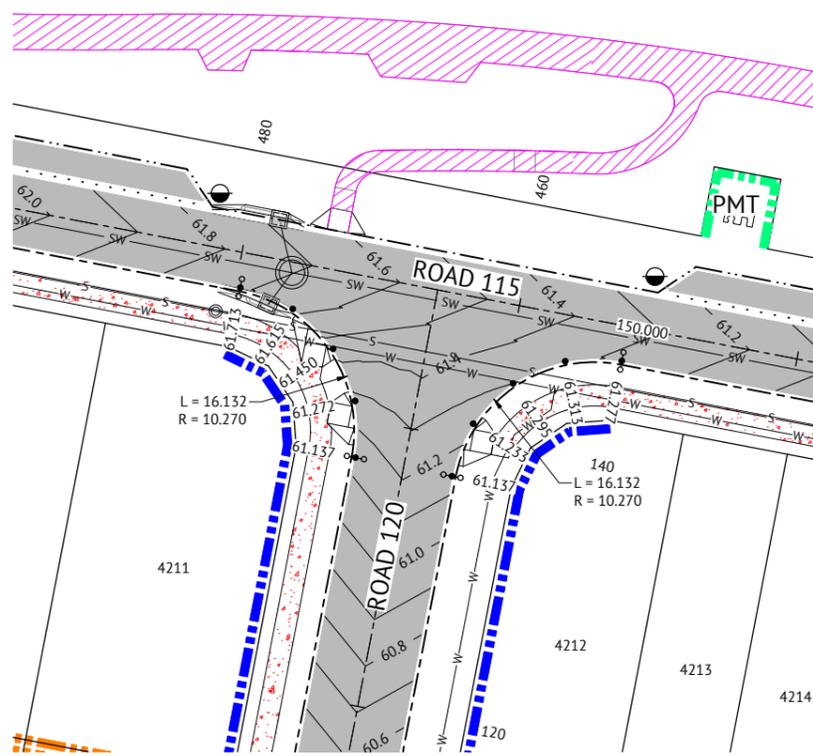
CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**DRIVEWAY 15 LONG AND CROSS SECTIONS**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C320**  
REV  
**B**

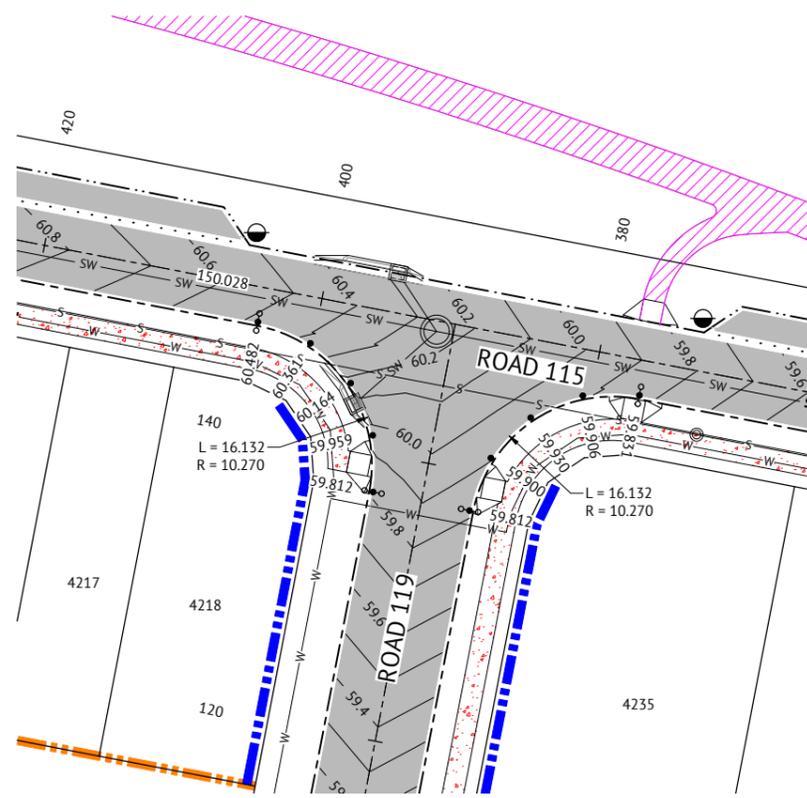


INTERSECTION ROAD 115 AND ROAD 126  
SCALE 1:250

- LEGEND - PROPOSED**
- PAVEMENT
  - FINISHED MAJOR CONTOURS (0.20m)
  - FINISHED MINOR CONTOURS (0.10m)
  - PROPOSED 1.5m WIDE CONCRETE FOOTPATH. (UNO) REFER CONC. REQUIREMENTS ON DRG. No. C300
  - PROPOSED CONCRETE LANDSCAPING FOOTPATH. REFER LANDSCAPING DRAWINGS FOR DETAILS.
  - PROPOSED KERB RAMP. REFER IPWEA STD DWG RS-090.
  - PROPOSED IPWEA STD TYPE 'B1' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
  - PROPOSED IPWEA TYPE 'M3' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
  - PROPOSED IPWEA TYPE 'B2' KERB. REFER IPWEA STD DWG RS-080.
  - PROPOSED IPWEA TYPE 'INV' CHANNEL. REFER IPWEA STD DWG RS-080.
  - LIP OF KERB LEVEL
  - TRANSITION IN KERB AND CHANNEL TYPE
  - PROPOSED STORMWATER
  - PROPOSED SEWER
  - PROPOSED WATER
  - PROPOSED CONCRETE SLEEPER RETAINING WALL
  - PROPOSED CONCRETE PANEL RETAINING WALL
  - PROPOSED MASONRY WALL TO ENERGEX STANDARDS



INTERSECTION ROAD 115 AND ROAD 120  
SCALE 1:250



INTERSECTION ROAD 115 AND ROAD 119  
SCALE 1:250

- LEGEND - CONSTRUCTED**
- EXISTING STORMWATER
  - EXISTING SEWER
  - EXISTING WATER
  - EXISTING ELECTRICAL
  - EXISTING TELSTRA
  - EXISTING GAS

**NOTE**  
LEVELS AND SETOUT INFORMATION FOR KERB AND CHANNEL CONSTRUCTION IS GIVEN TO LIP OF KERB.

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

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 BRISBANE OFFICE  
 LEVEL 11, 300 ADELAIDE STREET  
 BRISBANE, QLD 4000  
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 PROJECT DIRECTOR  
  
 PATRICK BRADY  
 NPEQ 7112

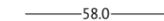
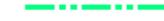
SCALE  
  
 SCALE 1:250 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
 PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
 LOCATION  
**TEVIOT ROAD, GREENBANK**  
 SHEET TITLE  
**INTERSECTION DETAILS LAYOUT - SHEET 1**

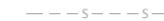
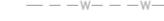
JOB CODE  
**MIR-0803**  
 SHEET NUMBER  
**C321**  
 REV  
**B**

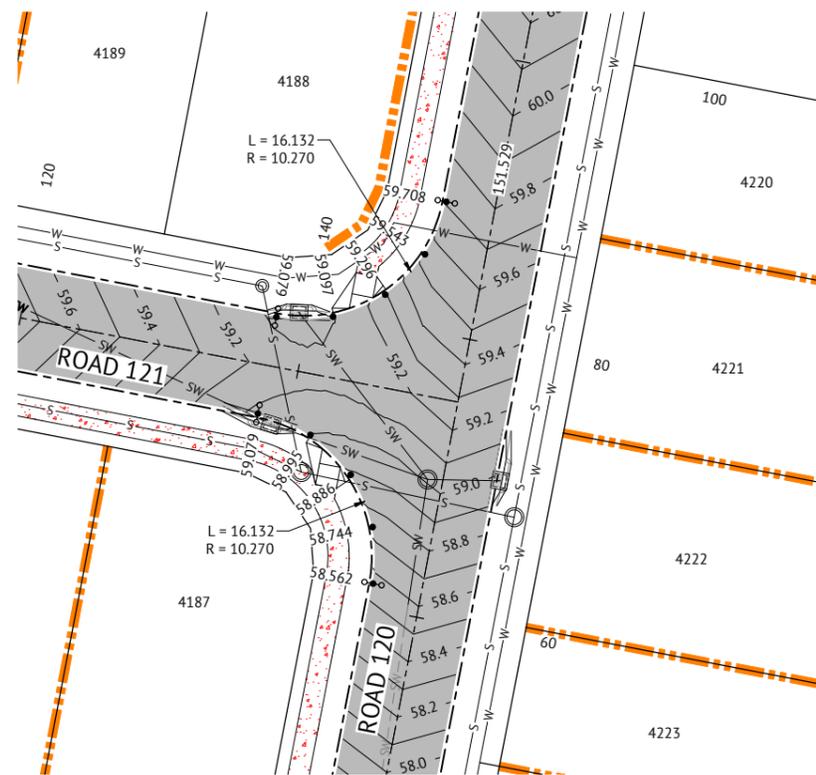


**LEGEND - PROPOSED**

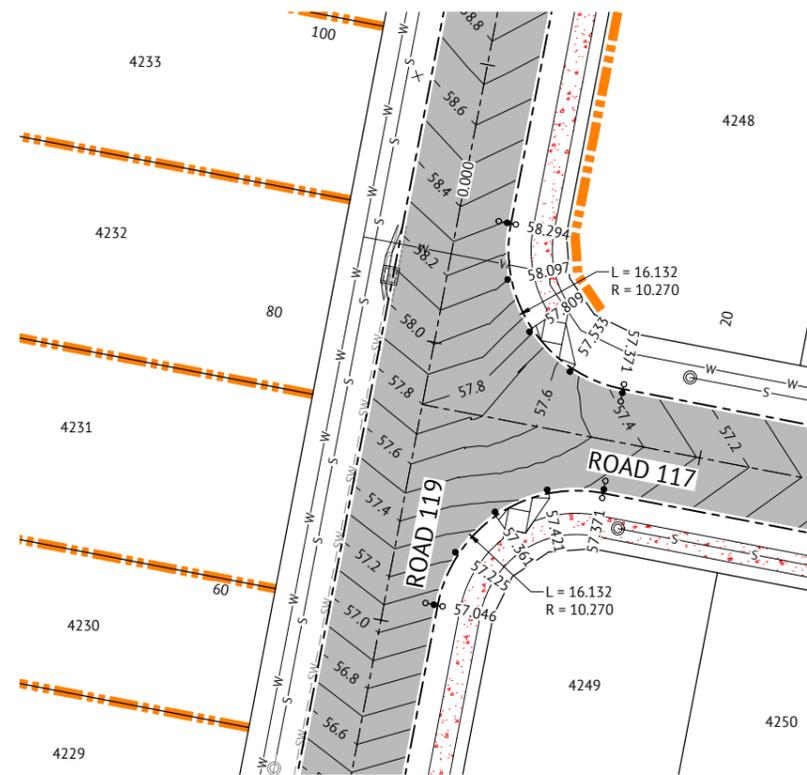
-  PAVEMENT
-  FINISHED MAJOR CONTOURS (0.20m)
-  FINISHED MINOR CONTOURS (0.10m)
-  PROPOSED 1.5m WIDE CONCRETE FOOTPATH. (UNO)  
REFER CONC. REQUIREMENTS ON DRG. No. C300
-  PROPOSED CONCRETE LANDSCAPING FOOTPATH.  
REFER LANDSCAPING DRAWINGS FOR DETAILS.
-  PROPOSED KERB RAMP.  
REFER IPWEA STD DWG RS-090.
-  PROPOSED IPWEA STD TYPE 'B1' KERB & CHANNEL.  
REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'M3' KERB & CHANNEL.  
REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'B2' KERB.  
REFER IPWEA STD DWG RS-080.
-  PROPOSED IPWEA TYPE 'INV' CHANNEL.  
REFER IPWEA STD DWG RS-080.
-  LIP OF KERB LEVEL
-  TRANSITION IN KERB AND CHANNEL TYPE
-  PROPOSED STORMWATER
-  PROPOSED SEWER
-  PROPOSED WATER
-  PROPOSED CONCRETE SLEEPER RETAINING WALL
-  PROPOSED CONCRETE PANEL RETAINING WALL
-  PROPOSED MASONRY WALL TO ENERGEX STANDARDS

**LEGEND - CONSTRUCTED**

-  EXISTING STORMWATER
-  EXISTING SEWER
-  EXISTING WATER
-  EXISTING ELECTRICAL
-  EXISTING TELSTRA
-  EXISTING GAS



**INTERSECTION ROAD 120 AND ROAD 121**  
SCALE 1:250



**INTERSECTION ROAD 117 AND ROAD 119**  
SCALE 1:250

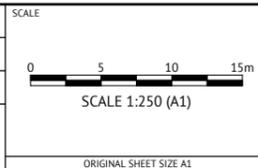
**NOTE**  
LEVELS AND SETOUT INFORMATION FOR KERB AND CHANNEL CONSTRUCTION IS GIVEN TO LIP OF KERB.

**FOR CONSTRUCTION**

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*PKB*  
**PATRICK BRADY** NP/Q 7112



CLIENT  
**MIRVAC QLD PTY LTD**

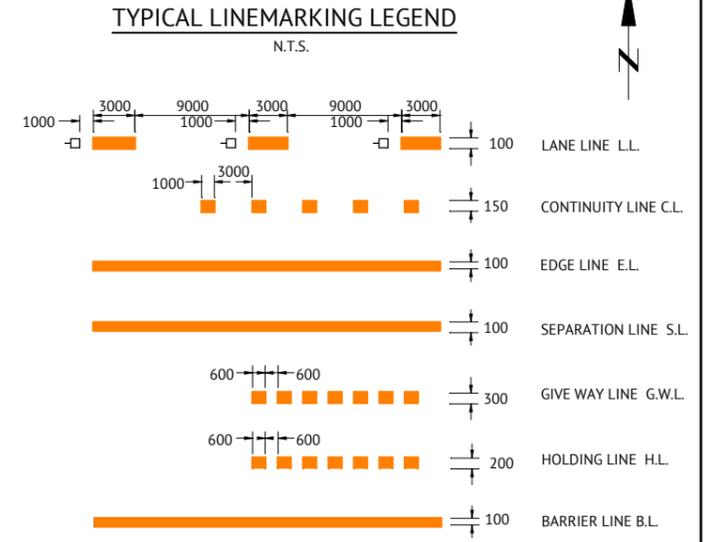
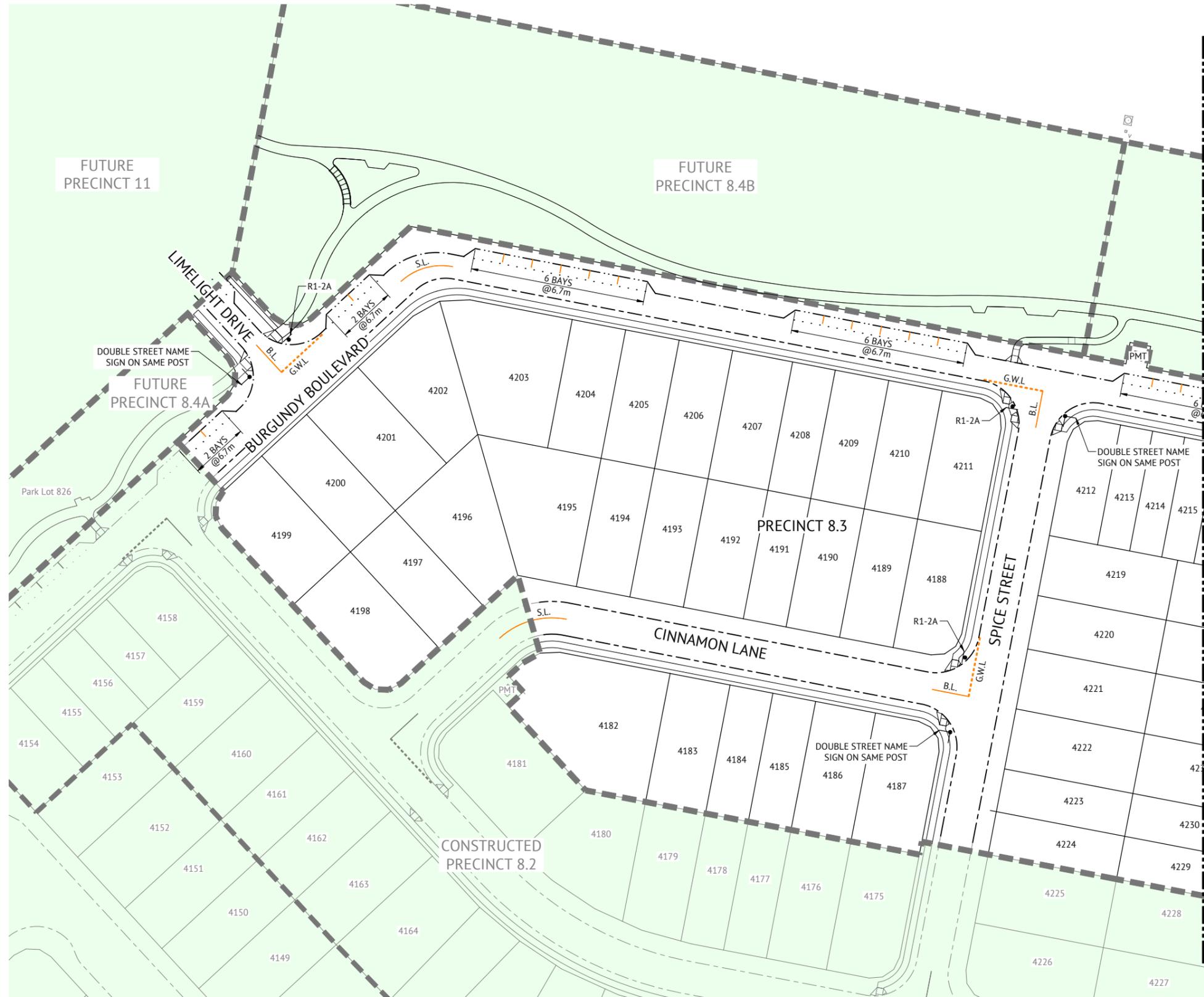
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**INTERSECTION DETAILS LAYOUT - SHEET 1**

JOB CODE  
**MIR-0803**

SHEET NUMBER	REV
<b>C322</b>	<b>B</b>



- ### LINEMARKING NOTES
- PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, QUEENSLAND DEPARTMENT OF MAIN ROADS) AND THE SPECIFIC REQUIREMENTS OF REFERENCE SPECIFICATION S150 ROADWORKS. BRISBANE CITY COUNCILS SPECIFIC REQUIREMENTS ARE DETAILED ON STANDARD DRAWINGS BSD-3151 TO BDS-3163.
  - ALL INTERNAL LINE MARKING TO CONSIST OF LINES 100mm WIDE WITH 2 COATS OF PAINT TO MANUFACTURERS SPECIFICATIONS.
  - EXTENT OF LINEMARKING SHALL BE VERIFIED ON SITE PRIOR TO INSTALLATION.
  - ALL PAINTED MARKINGS SHALL BE APPROVED REFLECTORISED U.N.O.
  - ANY EXISTING LINE MARKINGS DAMAGED BY THE PROPOSED WORKS ARE TO BE REINSTATED.
  - EXISTING CONFLICTING LINE MARKINGS ARE TO BE GROUND OFF BY METHODS APPROVED BY THE DISTRICT ENGINEER.
  - RETRO-REFLECTIVE RAISED PAVEMENT MARKERS (RRPM'S) SHALL BE PLACED 25mm TO 50mm FROM THE PAINTED LINEMARKING AND ORIENTATED SO THAT FULL REFLECTIVE EFFECT IS ACHIEVED BY AIMING THE REFLECTIVE FACE IN THE DIRECTION OF APPROACHING TRAFFIC.
  - GENERALLY THE NORMAL SPACING BETWEEN RRPM'S IS TO BE 12.0m U.N.O.
  - ANY EXISTING LINEMARKING NOT SHOWN ON THIS PLAN WHICH CONFLICTS OR IS INCOMPATIBLE WITH THE PROPOSED LINEMARKING SHALL BE REMOVED BY THE CONTRACTOR.
  - NOSE OF ISLANDS TO BE PAINTED WHITE WITH GLASS BEADS.
  - ALL STREET LIGHTING IN ACCORDANCE WITH AS1158.

- ### SIGNAGE NOTES
- LOCATION OF SIGNS SHOWN INDICATED ON THIS PLAN ARE INDICATIVE ONLY. CARE AND CONSIDERATION IS TO BE GIVEN TO ON SITE CONDITIONS TO AVOID ANY VISUAL OBSTRUCTION OF THE SIGN ALONG THE INTENDED COURSE OF APPROACHING TRAFFIC. EXACT LOCATION OF ALL SIGNS SHALL BE CONFIRMED ON SITE PRIOR TO INSTALLATION.
  - SIGNS SHOULD BE ORIENTATED AT APPROXIMATELY RIGHT ANGLES TO, AND FACING THE TRAFFIC THEY ARE INTENDED TO SERVE.
  - SIGNAGE SHALL BE IN ACCORDANCE WITH:
    - AS1742 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
    - AS1743 ROAD SIGNS SPECIFICATION
    - AS4049.1 PAVEMENT MARKING MATERIALS
  - STREET NAME SIGNS ARE TO BE INSTALLED WITH THE RELEVANT HOUSE NUMBERS IN ACCORDANCE WITH THE RELEVANT LOCAL COUNCIL STANDARD DRAWINGS.

PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN  
SCALE 1:500

FOR CONSTRUCTION			
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24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
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			REC APP

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**NICK SOMERVILLE**

PROJECT DIRECTOR  
*PKB*  
**PATRICK BRADY** NPEQ 7112

SCALE

SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

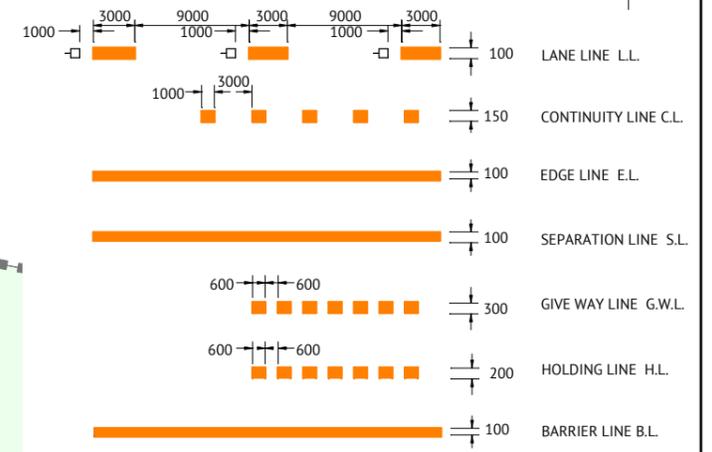
SHEET TITLE  
**PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 1**

JOB CODE  
**MIR-0803**

SHEET NUMBER	REV
<b>C330</b>	<b>B</b>

TYPICAL LINEMARKING LEGEND

N.T.S.



REQUIRED SIGNS



R1-2A

LINEMARKING NOTES

- PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, QUEENSLAND DEPARTMENT OF MAIN ROADS) AND THE SPECIFIC REQUIREMENTS OF REFERENCE SPECIFICATION S150 ROADWORKS. BRISBANE CITY COUNCILS SPECIFIC REQUIREMENTS ARE DETAILED ON STANDARD DRAWINGS BSD-3151 TO BDS-3163.
- ALL INTERNAL LINE MARKING TO CONSIST OF LINES 100mm WIDE WITH 2 COATS OF PAINT TO MANUFACTURERS SPECIFICATIONS.
- EXTENT OF LINEMARKING SHALL BE VERIFIED ON SITE PRIOR TO INSTALLATION.
- ALL PAINTED MARKINGS SHALL BE APPROVED REFLECTORISED U.N.O.
- ANY EXISTING LINE MARKINGS DAMAGED BY THE PROPOSED WORKS ARE TO BE REINSTATED.
- EXISTING CONFLICTING LINE MARKINGS ARE TO BE GROUND OFF BY METHODS APPROVED BY THE DISTRICT ENGINEER.
- RETRO-REFLECTIVE RAISED PAVEMENT MARKERS (RRPM'S) SHALL BE PLACED 25mm TO 50mm FROM THE PAINTED LINEMARKING AND ORIENTATED SO THAT FULL REFLECTIVE EFFECT IS ACHIEVED BY AIMING THE REFLECTIVE FACE IN THE DIRECTION OF APPROACHING TRAFFIC.
- GENERALLY THE NORMAL SPACING BETWEEN RRPM'S IS TO BE 12.0m U.N.O.
- ANY EXISTING LINEMARKING NOT SHOWN ON THIS PLAN WHICH CONFLICTS OR IS INCOMPATIBLE WITH THE PROPOSED LINEMARKING SHALL BE REMOVED BY THE CONTRACTOR.
- NOSE OF ISLANDS TO BE PAINTED WHITE WITH GLASS BEADS.
- ALL STREET LIGHTING IN ACCORDANCE WITH AS1158.

SIGNAGE NOTES

- LOCATION OF SIGNS SHOWN INDICATED ON THIS PLAN ARE INDICATIVE ONLY. CARE AND CONSIDERATION IS TO BE GIVEN TO ON SITE CONDITIONS TO AVOID ANY VISUAL OBSTRUCTION OF THE SIGN ALONG THE INTENDED COURSE OF APPROACHING TRAFFIC. EXACT LOCATION OF ALL SIGNS SHALL BE CONFIRMED ON SITE PRIOR TO INSTALLATION.
- SIGNS SHOULD BE ORIENTATED AT APPROXIMATELY RIGHT ANGLES TO, AND FACING THE TRAFFIC THEY ARE INTENDED TO SERVE.
- SIGNAGE SHALL BE IN ACCORDANCE WITH:
  - AS1742 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
  - AS1743 ROAD SIGNS SPECIFICATION
  - AS4049.1 PAVEMENT MARKING MATERIALS
- STREET NAME SIGNS ARE TO BE INSTALLED WITH THE RELEVANT HOUSE NUMBERS IN ACCORDANCE WITH THE RELEVANT LOCAL COUNCIL STANDARD DRAWINGS.



PAVEMENT MARKINGS AND SIGNAGE LAYOUT  
SCALE 1:500

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REVISIONS	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION		KK	PB
28/05/2024	A	ISSUED FOR APPROVAL		KK	PB

**Premise**  
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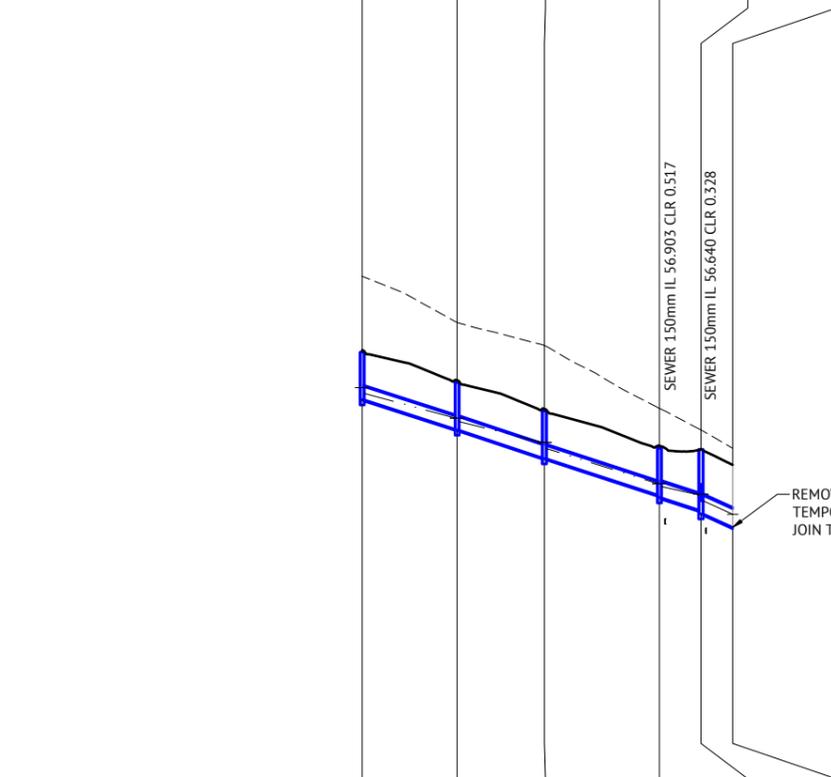
SCALE  
 0 10 20 30m  
 SCALE 1:500 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 2

JOB CODE  
MIR-0803  
 SHEET NUMBER  
C331  
 REV  
B



STRUCTURE NAME	1/5	2/5	3/5	4/5	5/5	TE1/5
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.; 2.4m Lintel	IPWEA MANHOLE 1050mm DIA	EXISTING TEMPORARY HEADWALL			

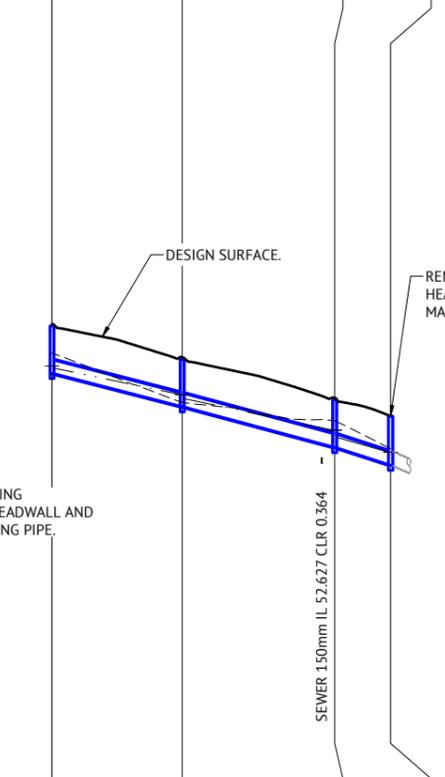


PIPE SIZE (mm)	375	375	375	450	525
PIPE CLASS	2	2	2	2	2
PIPE GRADE (%)	3.11%	3.20%	3.16%	3.00%	4.27%
PIPE SLOPE (1 in X)	32.1	31.2	31.6	33.3	23.4
FULL PIPE VELOCITY (m/s)	0.57	0.97	1.40	1.29	1.38
PART FULL VELOCITY (m/s)	2.19	2.57	2.82	2.96	3.70
PIPE FLOW (cumecs)	0.063	0.107	0.155	0.206	0.299
PIPE CAPACITY AT GRADE (cumecs)	0.309	0.314	0.312	0.494	0.889
DATUM RL	44.0				

WSE IN STRUCTURE	60.764				
HGL IN PIPE	60.605	59.903	59.214	58.049	57.751
DEPTH OF INVERT BELOW FSL	1.343	1.326	1.327	1.332	1.767
INVERT LEVEL	60.423	59.586	58.775	57.716	56.812
FINISHED (& EXISTING) SURFACE LEVEL	61.766 (63.911)	60.912 (62.611)	60.102 (61.958)	59.058 (60.180)	58.580 (59.051)
CHAINAGE	0.000	26.892	24.713	32.563	84.168

LINE 5

STRUCTURE NAME	1/66	2/66	3/66	4/66
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.; 2.4m Lintel	IPWEA KERB INLET L.L.I.; 2.4m Lintel	IPWEA KERB INLET L.L.I.; 2.4m Lintel	IPWEA MANHOLE 1050mm DIA

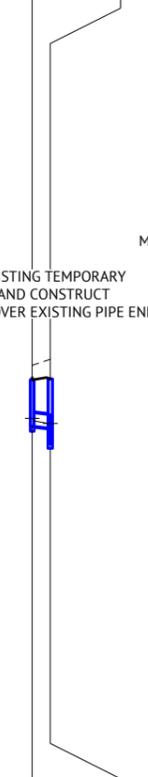


PIPE SIZE (mm)	375	375	375
PIPE CLASS	2	2	2
PIPE GRADE (%)	2.51%	2.62%	3.03%
PIPE SLOPE (1 in X)	39.9	38.1	33.0
FULL PIPE VELOCITY (m/s)	0.40	0.90	1.44
PART FULL VELOCITY (m/s)	1.84	2.34	2.79
PIPE FLOW (cumecs)	0.044	0.099	0.159
PIPE CAPACITY AT GRADE (cumecs)	0.278	0.284	0.305
DATUM RL	38.0		

WSE IN STRUCTURE	55.376		
HGL IN PIPE	55.319	54.567	53.562
DEPTH OF INVERT BELOW FSL	1.342	1.321	1.324
INVERT LEVEL	55.167	54.242	53.090
FINISHED (& EXISTING) SURFACE LEVEL	56.509 (55.738)	55.563 (54.351)	54.414 (53.823)
CHAINAGE	0.000	36.886	80.039

LINE 66

STRUCTURE NAME	1/80	5/5
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.L.I.; 2.4m Lintel	IPWEA MANHOLE 1050mm DIA

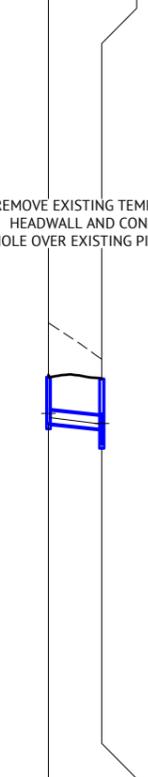


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.00%
PIPE SLOPE (1 in X)	100.0
FULL PIPE VELOCITY (m/s)	0.38
PART FULL VELOCITY (m/s)	1.30
PIPE FLOW (cumecs)	0.042
PIPE CAPACITY AT GRADE (cumecs)	0.175
DATUM RL	42.0

WSE IN STRUCTURE	57.894
HGL IN PIPE	57.824
DEPTH OF INVERT BELOW FSL	1.315
INVERT LEVEL	57.677
FINISHED (& EXISTING) SURFACE LEVEL	58.992 (59.390)
CHAINAGE	0.000

LINE 80

STRUCTURE NAME	1/81	5/5
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.L.I.; 2.4m Lintel	IPWEA MANHOLE 1050mm DIA

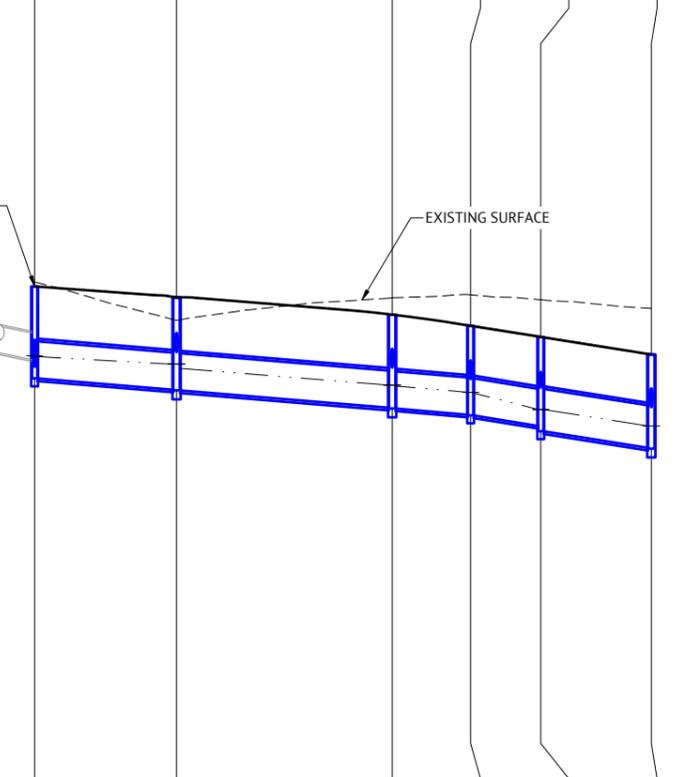


PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.00%
PIPE SLOPE (1 in X)	100.0
FULL PIPE VELOCITY (m/s)	0.49
PART FULL VELOCITY (m/s)	1.40
PIPE FLOW (cumecs)	0.055
PIPE CAPACITY AT GRADE (cumecs)	0.175
DATUM RL	42.0

WSE IN STRUCTURE	58.036
HGL IN PIPE	57.915
DEPTH OF INVERT BELOW FSL	1.319
INVERT LEVEL	57.746
FINISHED (& EXISTING) SURFACE LEVEL	59.065 (60.595)
CHAINAGE	0.000

LINE 81

STRUCTURE NAME	11/82	12/82	13/82	13A/82	13B/82	14/82
STRUCTURE DESCRIPTION	IPWEA MANHOLE 1500mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1500mm DIA	IPWEA MANHOLE 1500mm DIA	IPWEA MANHOLE 1800mm DIA



PIPE SIZE (mm)	1050	1050	1050	1050	1200
PIPE CLASS	2	2	2	2	2
PIPE GRADE (%)	0.80%	0.80%	0.80%	1.50%	1.50%
PIPE SLOPE (1 in X)	125.1	125.0	125.0	66.7	66.7
FULL PIPE VELOCITY (m/s)	1.36	1.41	1.44	1.44	1.13
PART FULL VELOCITY (m/s)	2.80	2.82	2.84	3.58	3.58
PIPE FLOW (cumecs)	1.180	1.218	1.251	1.247	1.277
PIPE CAPACITY AT GRADE (cumecs)	2.443	2.443	2.443	3.346	4.777
DATUM RL	44.0				

WSE IN STRUCTURE	61.663				
HGL IN PIPE	61.958	61.426	60.834	60.634	59.680
DEPTH OF INVERT BELOW FSL	2.073	2.603	2.653	2.516	2.641
INVERT LEVEL	61.557	60.705	60.176	59.999	59.062
FINISHED (& EXISTING) SURFACE LEVEL	63.629 (63.751)	63.317 (62.669)	62.829 (63.308)	62.515 (63.388)	62.199 (63.251)
CHAINAGE	0.000	40.172	101.232	223.431	31.297

LINE 82

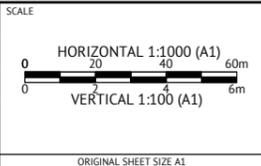
**FOR CONSTRUCTION**

24/01/2025	B	ISSUED FOR CONSTRUCTION				
28/05/2024	A	ISSUED FOR APPROVAL				
DATE	REV	DESCRIPTION	REC	APP		



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DESIGNED  
**KLYNT KIWANG**  
CHECKED  
**ANDREW LANGDON**  
PROJECT MANAGER  
**NICK SOMERVILLE**  
PROJECT DIRECTOR  
*(Signature)*  
**PATRICK BRADY** KPEQ 7112



CLIENT  
**MIRVAC QLD PTY LTD**

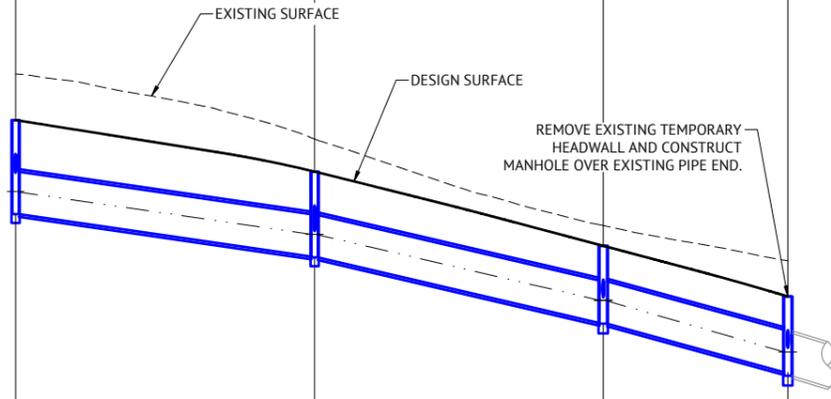
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**STORMWATER DRAINAGE LONG SECTIONS - SHEET 1**

JOB CODE	<b>MIR-0803</b>	
SHEET NUMBER	<b>C410</b>	REV
		<b>B</b>

STRUCTURE NAME	14/82	15/82	16/82	17/82
STRUCTURE DESCRIPTION	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 2100mm DIA



PIPE SIZE (mm)	1200	1200	1200
PIPE CLASS	2	2	2
PIPE GRADE (%)	1.42%	2.27%	2.63%
PIPE SLOPE (1 in X)	70.4	44.0	38.0
FULL PIPE VELOCITY (m/s)	1.16	1.20	1.24
PART FULL VELOCITY (m/s)	3.53	4.23	4.49
PIPE FLOW (cumecs)	1.310	1.359	1.398
PIPE CAPACITY AT GRADE (cumecs)	4.650	5.879	6.324
DATUM RL	42.0		

WSE IN STRUCTURE	59.680	58.470	56.604	55.141
HGL IN PIPE	59.680 59.666	58.470 58.454	56.604 56.588	55.141 55.124
DEPTH OF INVERT BELOW FSL	2.641 2.661	2.407 2.427	2.184 2.204	2.145 2.245
INVERT LEVEL	59.062 59.042	57.838 57.818	55.962 55.942	54.568 54.468
FINISHED (& EXISTING) SURFACE LEVEL	61.703 (63.005)	60.245 (61.168)	58.146 (58.719)	56.713 (57.719)
CHAINAGE	174.592	84.662	259.255	81.721
				340.976
				52.250
				393.226

LINE 82

1/98	1/99	1/100	1/101	1/102	1/103	1/104	1/105
IPWEA KERB INLET L.I.L.: 4.8m Lintel	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA KERB INLET L.I.L.: 4.8m Lintel	IPWEA KERB INLET L.I.L.: 3.6m Lintel	IPWEA KERB INLET L.I.L.: 4.8m Lintel	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA KERB INLET L.I.L.: 3.6m Lintel
IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 2100mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1800mm DIA	IPWEA MANHOLE 1800mm DIA
375 2	375 2	375 2	375 2	450 2	375 2	375 2	450 2
2.80%	1.00%	1.00%	2.65%	1.00%	1.00%	1.00%	1.00%
35.7	100.0	100.0	37.7	100.0	100.0	100.0	100.0
0.22	0.45	0.50	0.26	0.32	0.40	0.30	0.12
1.60	1.37	1.40	1.65	1.35	1.32	1.22	1.02
0.024	0.050	0.055	0.029	0.050	0.044	0.033	0.019
0.293	0.175	0.175	0.286	0.285	0.175	0.175	0.285
40.0	39.0	41.0	41.0	43.0	43.0	44.0	44.0
55.664	55.656	57.095	57.246	58.888	59.158	60.525	60.392
55.640	55.535	56.975	57.222	58.839	59.079	60.480	60.384
1.363	1.315	1.315	1.362	1.398	1.361	1.316	1.398
55.530	55.373	56.804	57.101	58.686	58.927	60.349	60.291
55.291	55.350	56.780	56.724	58.607	58.876	60.321	60.251
54.468	54.468	55.942	55.942	57.818	57.818	59.042	59.042
56.893	56.688	58.119	58.463	60.084	60.289	61.665	61.689
(57.980)	(57.654)	(59.108)	(59.108)	(61.105)	(61.409)	(62.995)	(63.040)
56.713	56.713	58.146	58.146	60.245	60.245	61.703	61.703
(57.719)	(57.719)	(58.719)	(58.719)	(61.168)	(61.168)	(63.005)	(63.005)
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8.535	2.324	2.324	14.226	7.845	5.186	2.789	3.944
8.535	2.324	2.324	14.226	7.845	5.186	2.789	3.944
81.721	81.721	81.721	81.721	81.721	81.721	81.721	81.721
82	82	82	82	82	82	82	82
98	99	100	101	102	103	104	105

FOR CONSTRUCTION

24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB
DATE	REV	DESCRIPTION	REC	APP

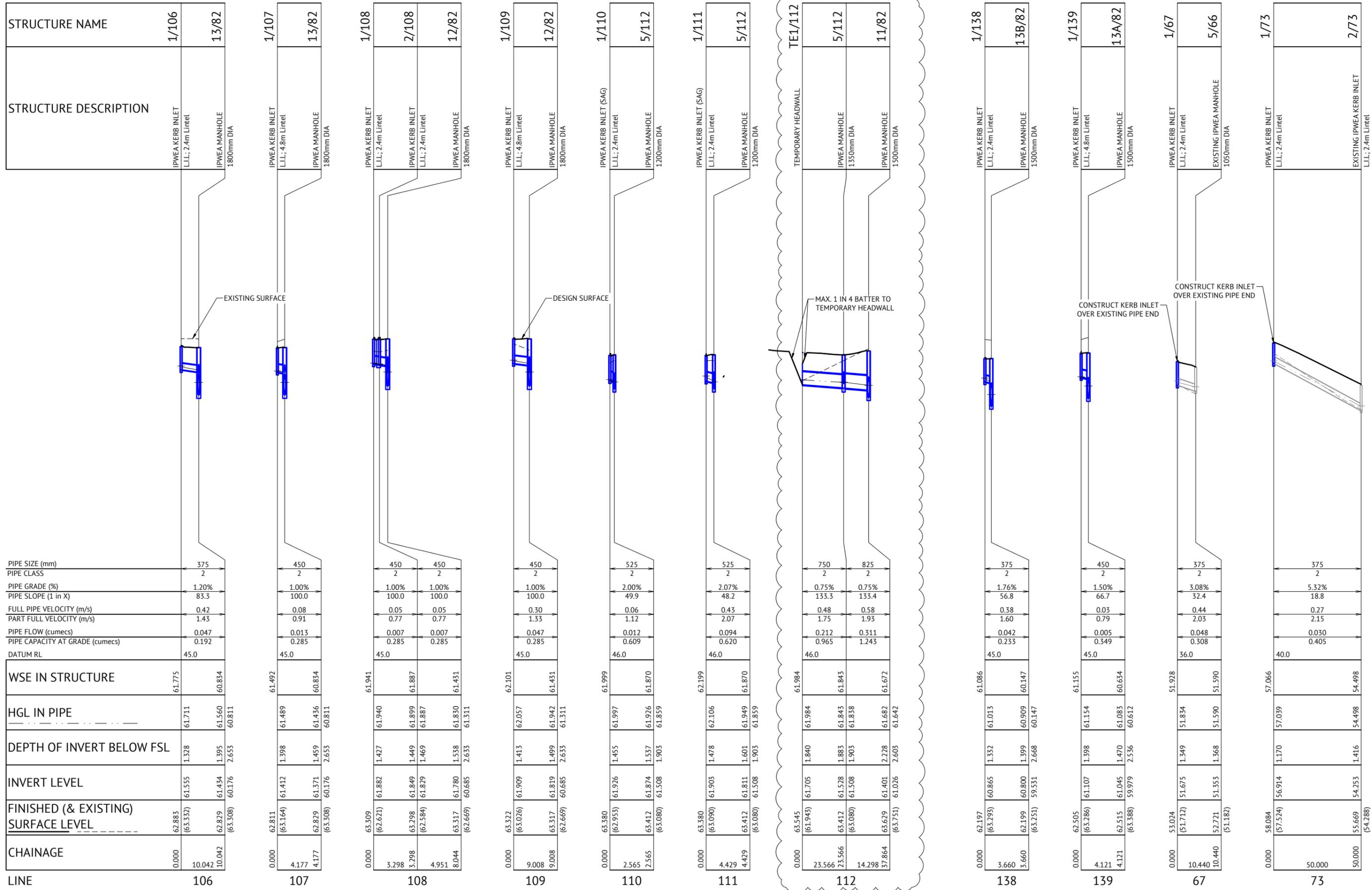
**Premise**  
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 BRISBANE, QLD 4000  
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KLYNT KIWANG  
 CHECKED  
ANDREW LANGDON  
 PROJECT MANAGER  
NICK SOMERVILLE  
 PROJECT DIRECTOR  
 PATRICK BRADY  
 NPEQ 7112

SCALE  
 HORIZONTAL 1:1000 (A1)  
 VERTICAL 1:100 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
STORMWATER DRAINAGE LONG SECTIONS - SHEET 2

JOB CODE  
MIR-0803  
 SHEET NUMBER  
C411  
 REV  
B



PIPE SIZE (mm)	375
PIPE CLASS	2
PIPE GRADE (%)	1.20%
PIPE SLOPE (1 in X)	83.3
FULL PIPE VELOCITY (m/s)	0.42
PART FULL VELOCITY (m/s)	1.43
PIPE FLOW (cumecs)	0.047
PIPE CAPACITY AT GRADE (cumecs)	0.192
DATUM RL	45.0

WSE IN STRUCTURE	61.775	60.834
HGL IN PIPE	61.711	61.560
DEPTH OF INVERT BELOW FSL	1.328	1.395
INVERT LEVEL	61.555	61.434
FINISHED (& EXISTING) SURFACE LEVEL	62.883 (63.332)	62.829 (63.308)
CHAINAGE	0.000	10.042

PIPE SIZE (mm)	450	450
PIPE CLASS	2	2
PIPE GRADE (%)	1.00%	1.00%
PIPE SLOPE (1 in X)	100.0	100.0
FULL PIPE VELOCITY (m/s)	0.08	0.05
PART FULL VELOCITY (m/s)	0.91	0.77
PIPE FLOW (cumecs)	0.013	0.007
PIPE CAPACITY AT GRADE (cumecs)	0.285	0.285
DATUM RL	45.0	45.0

WSE IN STRUCTURE	61.492	60.834
HGL IN PIPE	61.489	61.436
DEPTH OF INVERT BELOW FSL	1.398	1.459
INVERT LEVEL	61.412	61.371
FINISHED (& EXISTING) SURFACE LEVEL	62.811 (63.164)	62.829 (63.308)
CHAINAGE	0.000	4.177

PIPE SIZE (mm)	450	450	450
PIPE CLASS	2	2	2
PIPE GRADE (%)	1.00%	1.00%	1.00%
PIPE SLOPE (1 in X)	100.0	100.0	100.0
FULL PIPE VELOCITY (m/s)	0.05	0.05	0.05
PART FULL VELOCITY (m/s)	0.77	0.77	0.77
PIPE FLOW (cumecs)	0.007	0.007	0.007
PIPE CAPACITY AT GRADE (cumecs)	0.285	0.285	0.285
DATUM RL	45.0	45.0	45.0

WSE IN STRUCTURE	61.941	61.887	61.431
HGL IN PIPE	61.940	61.899	61.830
DEPTH OF INVERT BELOW FSL	1.427	1.449	1.538
INVERT LEVEL	61.882	61.829	61.780
FINISHED (& EXISTING) SURFACE LEVEL	63.309 (62.621)	63.298 (62.584)	63.317 (62.669)
CHAINAGE	0.000	3.298	4.951

PIPE SIZE (mm)	450	525	525
PIPE CLASS	2	2	2
PIPE GRADE (%)	1.00%	2.00%	2.07%
PIPE SLOPE (1 in X)	100.0	49.9	48.2
FULL PIPE VELOCITY (m/s)	0.30	0.06	0.43
PART FULL VELOCITY (m/s)	1.33	1.12	2.07
PIPE FLOW (cumecs)	0.047	0.012	0.094
PIPE CAPACITY AT GRADE (cumecs)	0.285	0.609	0.620
DATUM RL	45.0	46.0	46.0

WSE IN STRUCTURE	62.101	61.999	62.199
HGL IN PIPE	62.057	61.997	62.106
DEPTH OF INVERT BELOW FSL	1.413	1.455	1.478
INVERT LEVEL	61.909	61.926	61.903
FINISHED (& EXISTING) SURFACE LEVEL	63.317 (63.026)	63.412 (62.953)	63.412 (63.090)
CHAINAGE	9.008	9.008	4.429

PIPE SIZE (mm)	750	825	750
PIPE CLASS	2	2	2
PIPE GRADE (%)	0.75%	0.75%	1.76%
PIPE SLOPE (1 in X)	133.3	133.4	56.8
FULL PIPE VELOCITY (m/s)	0.48	0.58	0.38
PART FULL VELOCITY (m/s)	1.75	1.93	1.60
PIPE FLOW (cumecs)	0.212	0.311	0.042
PIPE CAPACITY AT GRADE (cumecs)	0.965	1.243	0.233
DATUM RL	46.0	46.0	45.0

WSE IN STRUCTURE	61.984	61.672	61.086
HGL IN PIPE	61.984	61.682	61.013
DEPTH OF INVERT BELOW FSL	1.840	2.228	1.332
INVERT LEVEL	61.705	61.401	60.865
FINISHED (& EXISTING) SURFACE LEVEL	63.412 (61.943)	63.629 (63.731)	62.197 (63.293)
CHAINAGE	23.566	37.864	3.660

PIPE SIZE (mm)	450	375	375
PIPE CLASS	2	2	2
PIPE GRADE (%)	1.50%	3.08%	5.32%
PIPE SLOPE (1 in X)	66.7	32.4	18.8
FULL PIPE VELOCITY (m/s)	0.03	0.44	0.27
PART FULL VELOCITY (m/s)	0.79	2.03	2.15
PIPE FLOW (cumecs)	0.005	0.048	0.030
PIPE CAPACITY AT GRADE (cumecs)	0.349	0.308	0.405
DATUM RL	45.0	36.0	40.0

WSE IN STRUCTURE	61.155	51.928	57.066
HGL IN PIPE	61.154	51.834	57.039
DEPTH OF INVERT BELOW FSL	1.398	1.349	1.170
INVERT LEVEL	61.107	51.675	56.914
FINISHED (& EXISTING) SURFACE LEVEL	62.515 (63.388)	52.721 (51.182)	58.084 (57.524)
CHAINAGE	4.121	10.440	50.000

**FOR CONSTRUCTION**

24/01/2025	B	UPDATED LINE 112			
28/05/2024	A	ISSUED FOR APPROVAL			
DATE	REV	DESCRIPTION	REVISIONS	KK	PB
				REC	APP

**Premise**  
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 BRISBANE, QLD 4000  
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DESIGNED  
KLYNT KIWANG  
 CHECKED  
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 NPEQ 7112

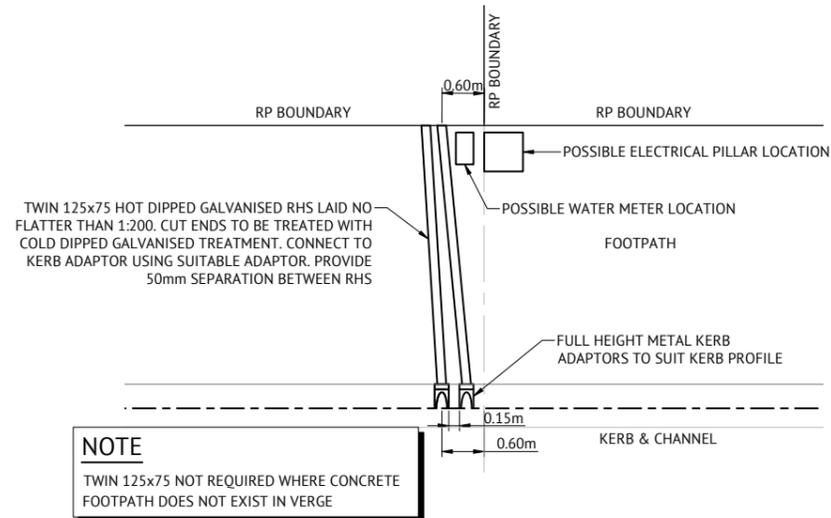
SCALE  
 HORIZONTAL 1:1000 (A1)  
 VERTICAL 1:100 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
STORMWATER DRAINAGE LONG SECTIONS - SHEET 3

JOB CODE  
MIR-0803  
 SHEET NUMBER  
C412  
 REV  
B

**STORMWATER DRAINAGE NOTES**

- ALL STORMWATER DRAWINGS ARE TO BE READ IN CONJUNCTION WITH DRAWING C001, STORMWATER LAYOUT PLANS, NOTES AND DETAILS.
- STORMWATER PITS ARE TO BE CONSTRUCTED INSITU IN ACCORDANCE WITH DRAWINGS OR AS VARIED AS NOTED ON THE DRAWING. PREFABRICATED STORMWATER PITS CAN BE USED SUBJECT TO WRITTEN APPROVAL FROM THE SUPERINTENDENT. CLASS D HEAVY DUTY GALVANIZED STEEL GRATES ARE TO BE FITTED IN TRAFFIC AREAS, CLASS B LIGHT DUTY GALVANIZED STEEL GRATES ARE TO BE FITTED IN LANDSCAPE AREAS UNLESS NOTED OTHERWISE.
- ALL DRAINAGE EXCAVATION AND CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3500 AND THE APPLICABLE LOCAL AUTHORITY SPECIFICATIONS AND STANDARD DETAILS.
- ALL MATERIALS SHALL MEET THE REQUIREMENTS OF AS1254 & AS1273.
- ALL uPVC PIPES SHALL BE CLASS 'SN8' FOR DN150 & DN225, AND CLASS 'SN6' FOR DN100 UNLESS NOTED OTHERWISE.
- PIPES SHALL BE LAID AT MIN. 1% GRADE UNLESS NOTED OTHERWISE.
- CONTRACTOR MUST VERIFY THAT ALL PIPE LEVELS AND GRADES CAN BE ACHIEVED PRIOR TO CONSTRUCTING DRAIN LINES. ANY CONFLICT SHALL BE REPORTED TO THE SUPERINTENDENT FOR ANY NECESSARY ALTERATIONS PRIOR TO ANY CONSTRUCTION OF CONNECTING PIPEWORK.
- WHERE PIPES ARE TO BE LAID WITHIN THE ZONE OF INFLUENCE OF STRUCTURAL LOADINGS (e.g. BUILDING FOOTINGS, RETAINING WALLS...etc). THE BUILDER SHALL PROVIDE ADEQUATE BRIDGING / PROTECTION. WHERE ANY DOUBT MAY EXIST REFERENCE SHALL BE MADE TO THE DESIGNER OF THE STRUCTURE.
- BENCHING OF PIT STRUCTURES SHALL HAVE A SMOOTH FINISHED SURFACE, AND PIPES SHALL NOT PROJECT INSIDE THE SHAFT OF THE PIT.
- WHERE RECTANGULAR PIT STRUCTURES ARE USED, PIPES MUST NOT CONNECT TO THE PIT AT CORNERS.
- ALL CONSTRUCTION AND EXCAVATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE WORK HEALTH AND SAFETY ACT 2011 AND SUBSEQUENT AMENDMENTS.
- ALL STORMWATER PIPES SHALL BE CLASS '2' (UNO) R.C. PIPES UNLESS AN ALTERNATIVE IS APPROVED BY THE SUPERINTENDENT PRIOR TO CONSTRUCTION.
- ALL TEMPORARY ROOFWATER OUTLETS TO BE EXCAVATED AT 1 IN 200 TO NATURAL SURFACE.
- ALL ROOFWATER PIPES CROSSING CONCRETE FOOTPATHS ARE TO BE INSTALLED PRIOR TO CONSTRUCTION OF CONCRETE FOOTPATHS.
- INSTALL 150mm DIAMETER PVC ROOFWATER HOUSE CONNECTION STUB INTO ROOFWATER PITS. INSTALL AT 750mm DEPTH TYPICAL OR 50mm FROM THE BASE OF PIT (WHICHEVER IS SHALLOWER).



**TYPICAL ROOFWATER KERB ADAPTOR OUTLET DETAIL**  
N.T.S.

**REFERENCE POINT LOCATION FOR DRAINAGE STRUCTURES**

STRUCTURE TYPE	HORIZONTAL CONTROL POINT [REFERENCE POINT LOCATION]	VERTICAL CONTROL REFERENCE LEVEL
MANHOLE	CENTRELINE OF MAIN SHAFT	FINISHED SURFACE LEVEL AT CENTRE OF MAIN SHAFT
GULLY PIT OVER MANHOLE	CENTRE OF GULLY PIT	LIP LEVEL
GULLY PIT (LIP IN LINE)	CENTRE OF GULLY PIT	LIP LEVEL
HEADWALL	INTERSECTION OF HEADWALL FACE AND PIPE CENTRE LINE	INVERT LEVEL
FIELD INLET	CENTRE OF PIT	TOP OF CONCRETE PIT
ROOFWATER PIT	CENTRE OF PIT	TOP OF GRATE

**EXCAVATION IN ROCK NOTE:**

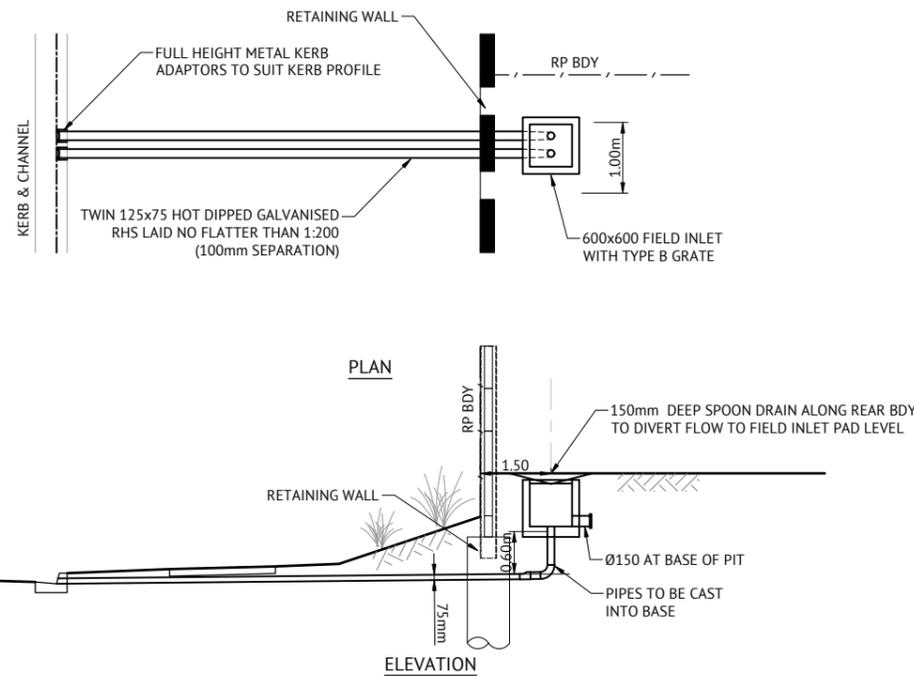
CONTRACT SHALL INCLUDE TREATING, SIZING CONDITIONING AND PROCESSING ALL TYPES OF ROCK IN ALL EXCAVATIONS. PROCESSING TO BE COMPLETED AS PER MORRISON GEOTECHNICAL REPORTS TO ENSURE LEVEL 1 IS ACHIEVED.

**TRENCH SPOIL NOTE:**

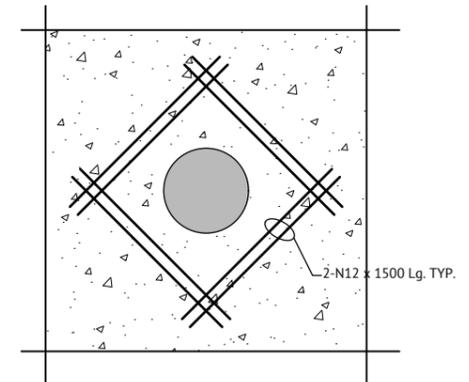
SPOILAGE OF EXCESS MATERIAL TO BE PLACED INTO THE SOUTHERN DAM REHABILITATION AREA INCLUDING ALL LEVEL ONE COMPACTION REQUIREMENTS AND TESTING IN ACCORDANCE WITH MORRISON GEOTECHNICAL SPECIFICATION AND ALL LOCAL AUTHORITY STANDARDS, AND SHALL BE FREE DRAINING.

**NOTE:**

STORMWATER DRAINAGE LONG SECTION CHAINAGE LENGTHS ARE MEASURED FROM NODE CENTRE POINTS ALONG THE PROPOSED ALIGNMENT INCLUDING PIPE OFFSETS SUCH AS TO CENTRE OF PIT SIDE WALL AND CUSTOM PIPE SPACING INTO STRUCTURES. REFER STORMWATER DRAINAGE STRUCTURE DETAILS DRAWINGS.



**TYPICAL ROOFWATER PROPERTY PIT TO KERB ADAPTOR OUTLET DETAIL**  
N.T.S.



**TYPICAL DETAIL**  
GRADED PIT IN CONCRETE PAVEMENT  
SCALE 1:20

**FOR CONSTRUCTION**



**BRISBANE OFFICE**  
LEVEL 11, 300 ADELAIDE STREET  
BRISBANE, QLD 4000  
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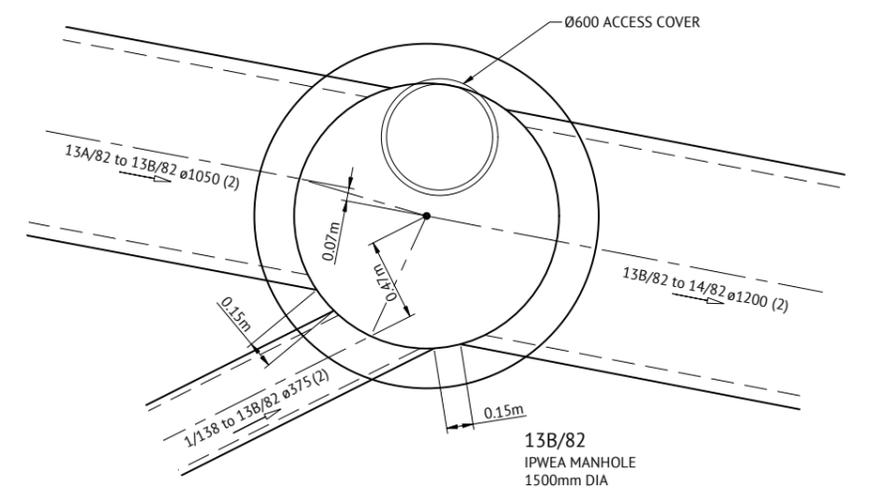
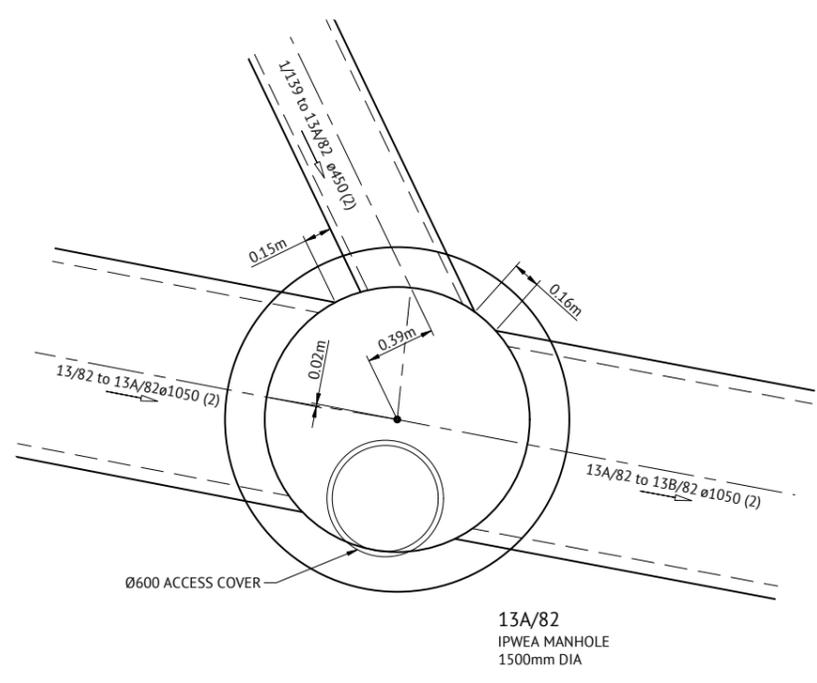
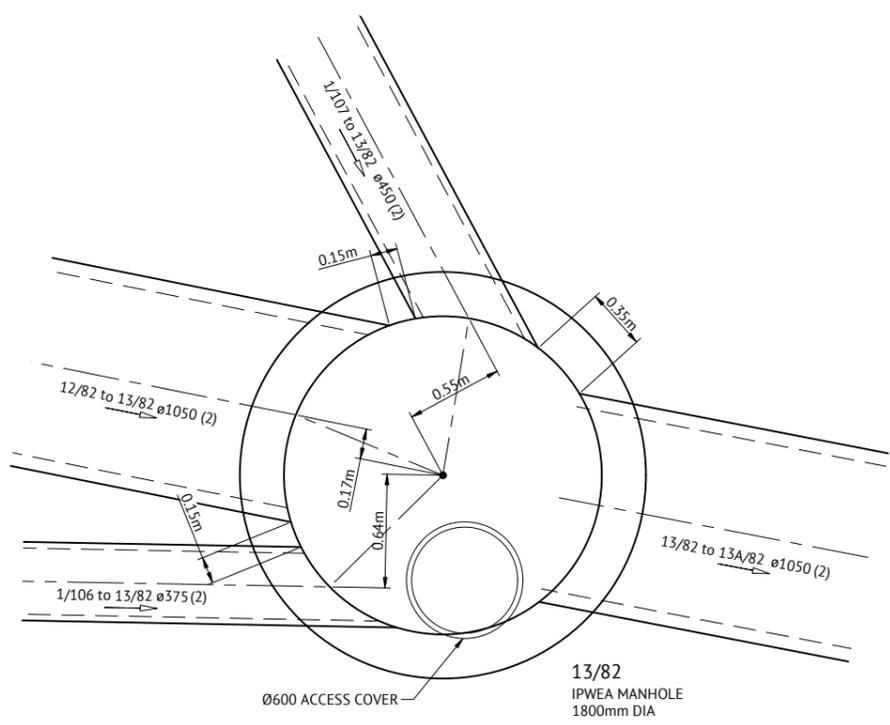
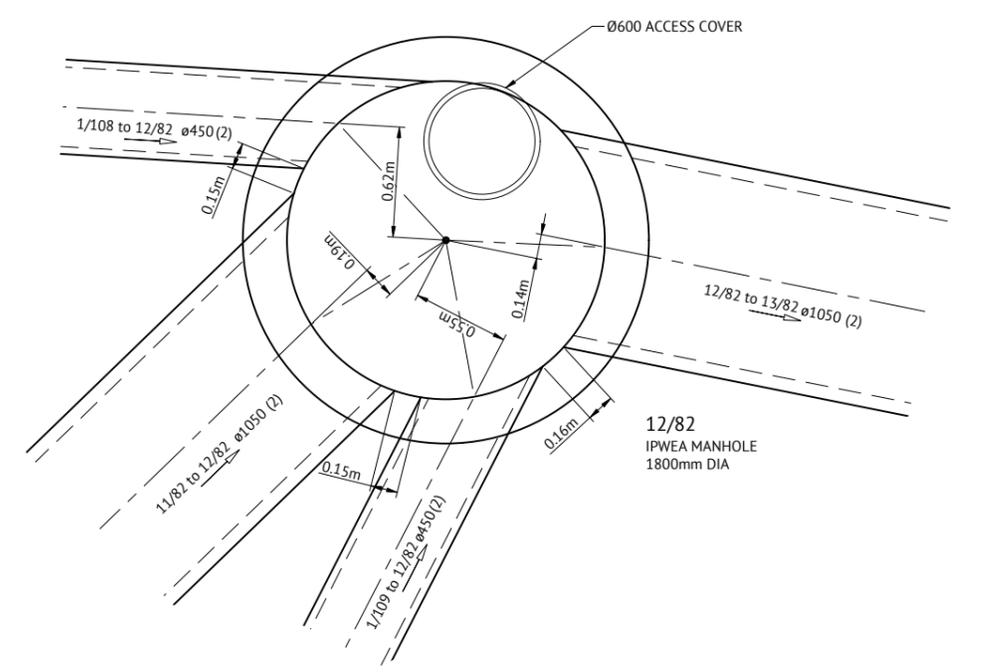
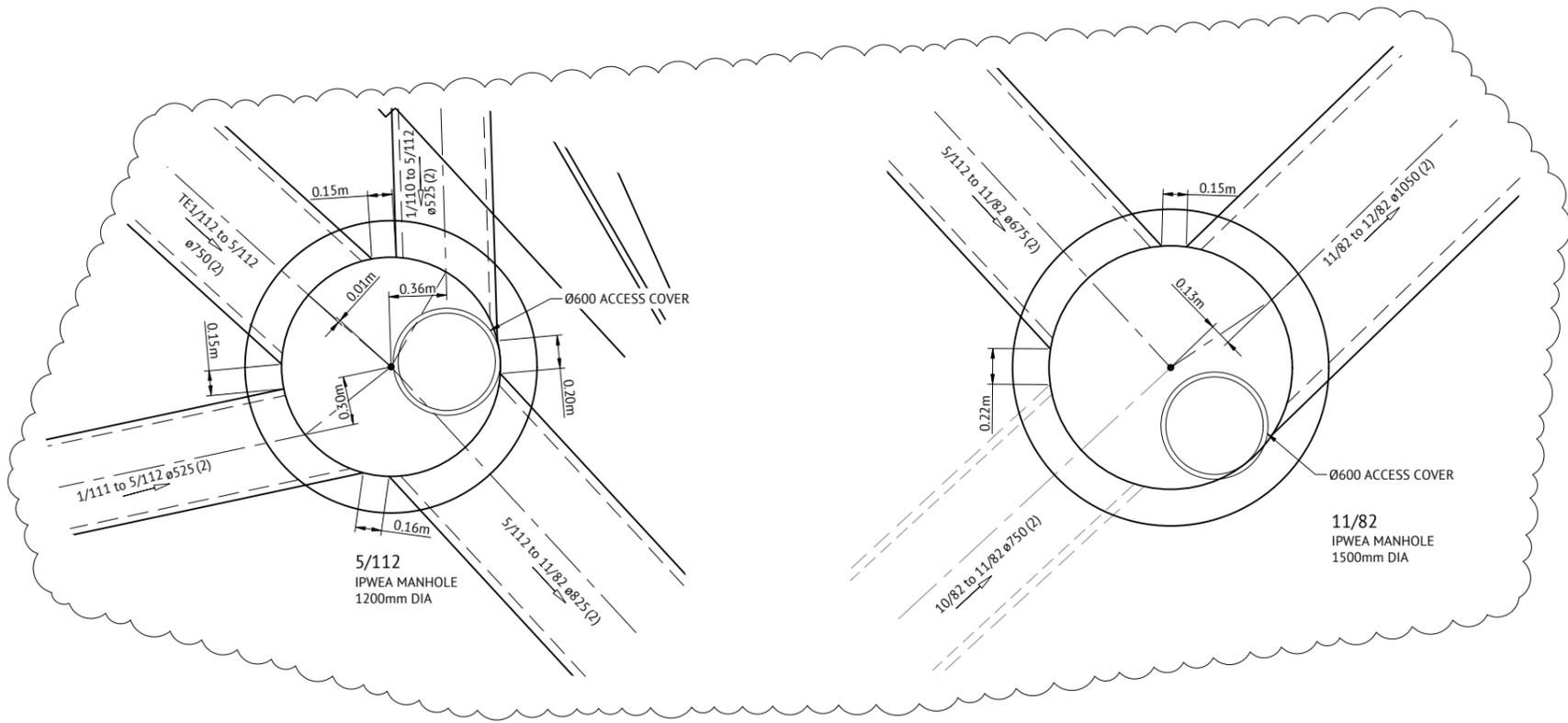
DESIGNED  
**KLYNT KIWANG**  
CHECKED  
**ANDREW LANGDON**  
PROJECT MANAGER  
**NICK SOMERVILLE**  
PROJECT DIRECTOR  
*[Signature]*  
**PATRICK BRADY** RPEQ 7112

SCALE  
**NTS**  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**STORMWATER DRAINAGE NOTES AND DETAILS**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C420**  
REV  
**B**

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

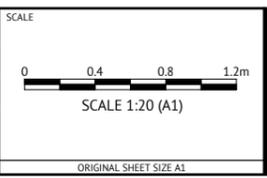


**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	UPDATED DETAILS TO SUIT CHANGES TO STORMWATER	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

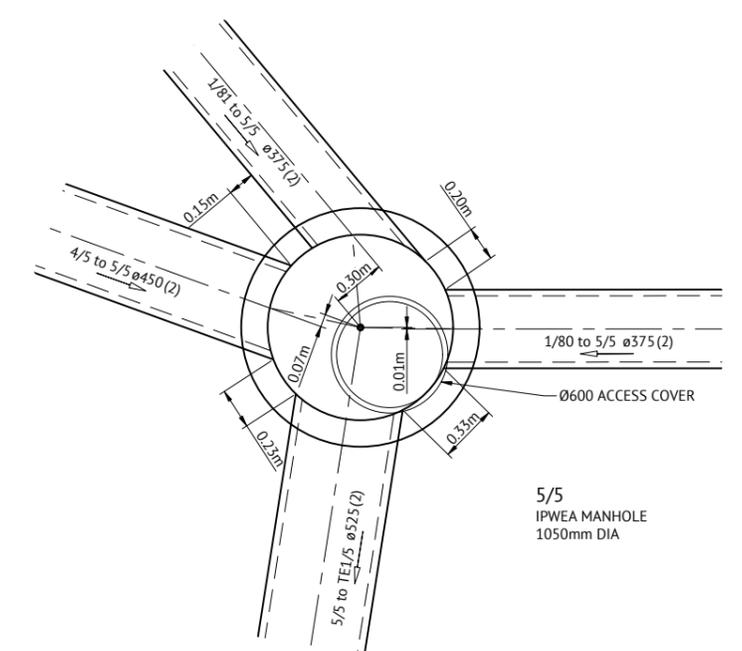
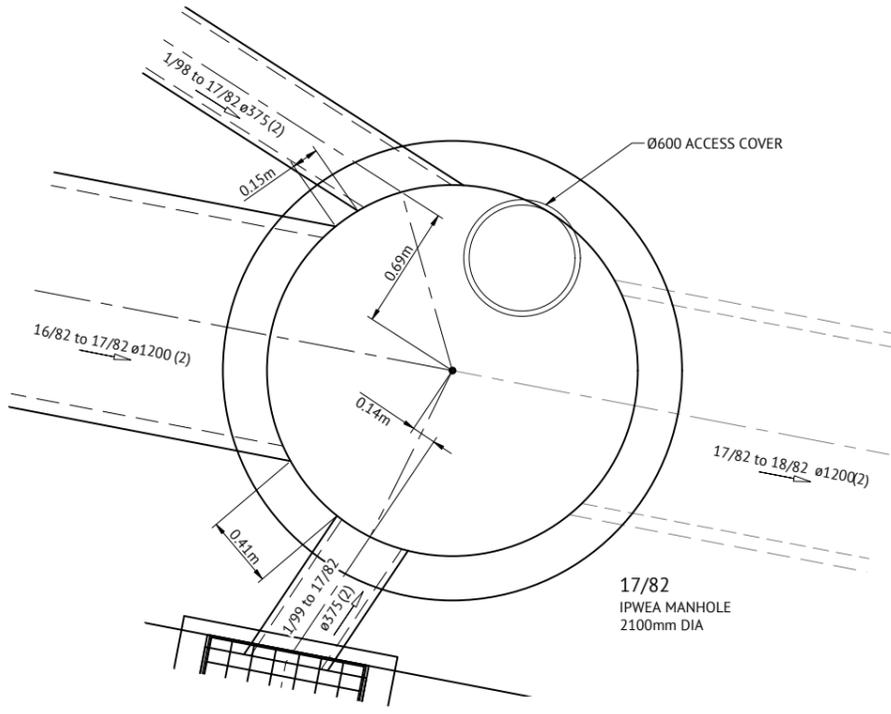
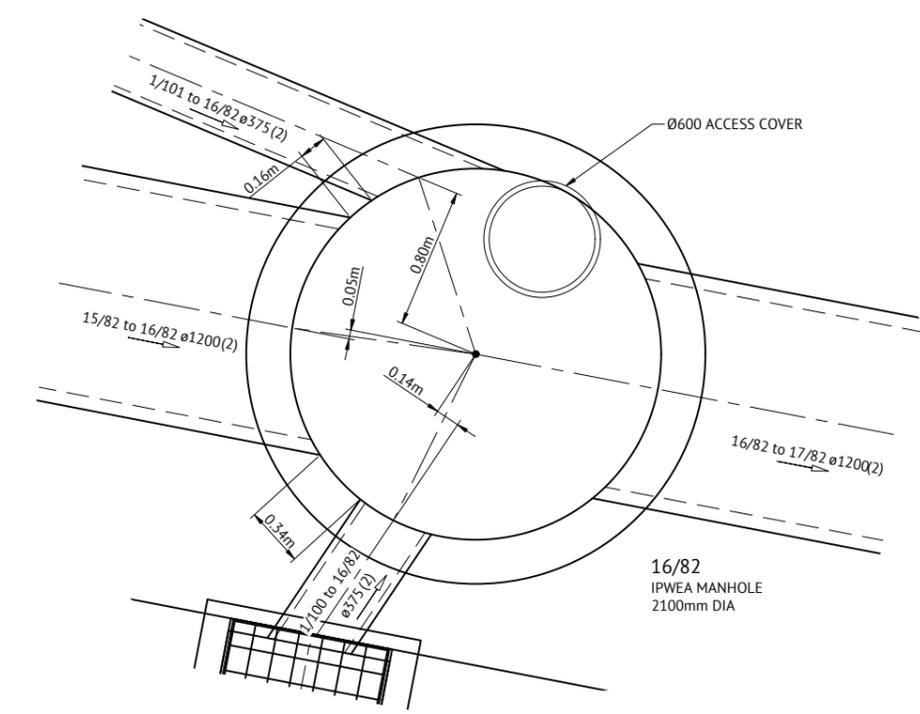
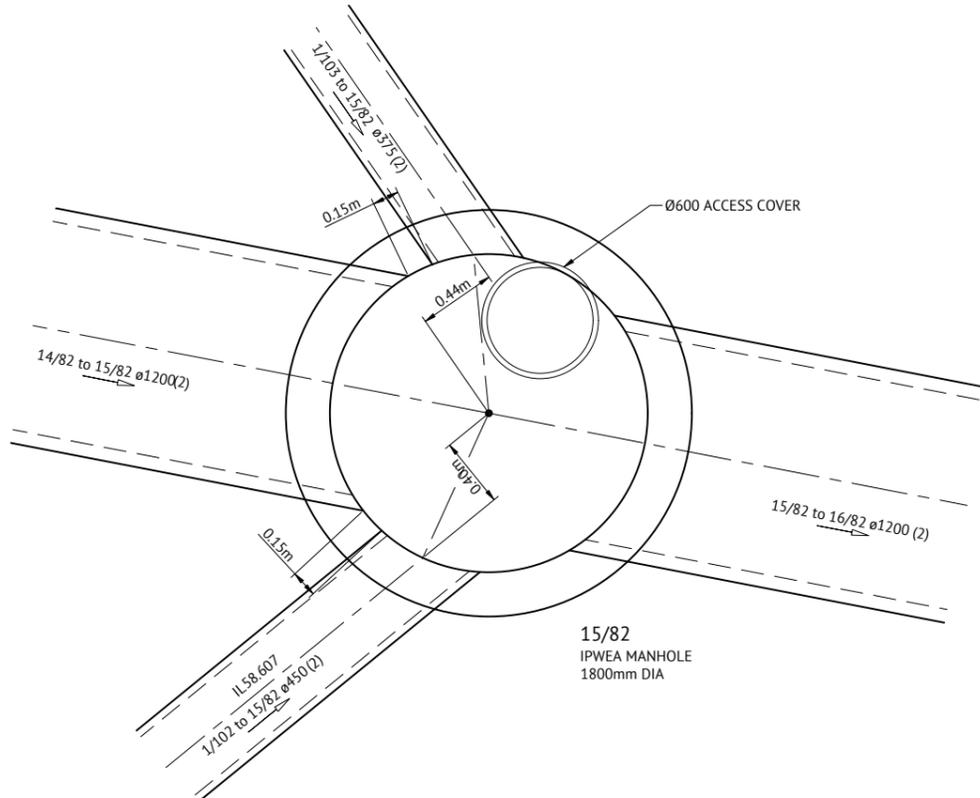
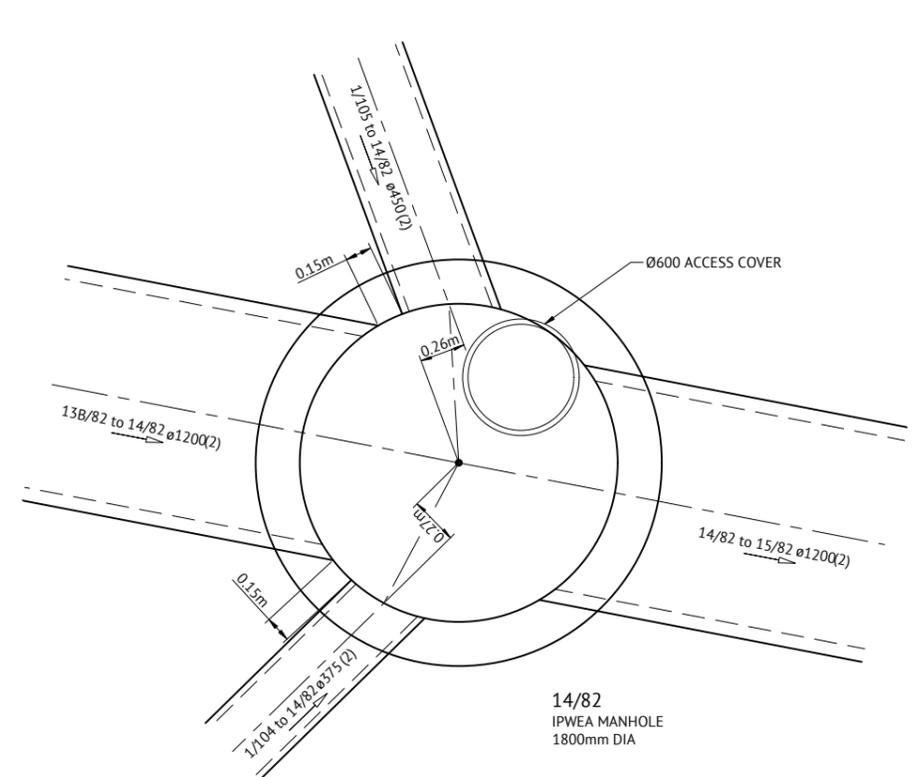
**Premise**  
 BRISBANE OFFICE  
 LEVEL 11, 300 ADELAIDE STREET  
 BRISBANE, QLD 4000  
 PH: (07) 3253 2222  
 WEB: www.premise.com.au

DESIGNED  
KLYNT KIWANG  
 CHECKED  
ANDREW LANGDON  
 PROJECT MANAGER  
NICK SOMERVILLE  
 PROJECT DIRECTOR  
 PATRICK BRADY  
 NPPEQ 7112



CLIENT  
**MIRVAC QLD PTY LTD**  
 PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
 LOCATION  
**TEVIOT ROAD, GREENBANK**  
 SHEET TITLE  
**STORMWATER DRAINAGE STRUCTURE DETAILS - SHEET 1**

JOB CODE  
**MIR-0803**  
 SHEET NUMBER  
**C430**  
 REV  
**B**

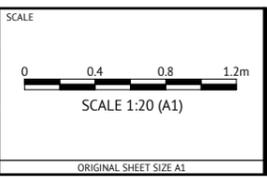


**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

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NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112



CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**STORMWATER DRAINAGE STRUCTURE DETAILS - SHEET 2**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C431**  
REV  
**B**





LOCATION			TIME			SUB-CATCHMENT RUNOFF				INLET DESIGN				DRAIN DESIGN										HEADLOSSES										PART FULL		DESIGN LEVELS						RUNOFF					
STRUCTURE NUMBER	DOWNSTREAM STRUCTURE	SUB-CATCHMENTS CONTRIBUTING	tc	I	C	A	CA	Q	Qc	Qg	Qb	tc	I	CA	Qp	L	S	PIPE/BOX DIMENSIONS	CLASS	Vf=Q/A	CHARTS USED	STRUCTURE RATIOS			V2/2g	Ku	hu	Kw	hw	Sf	hf	dn	Vn	UPSTREAM OBVERT LEVEL	DOWNSTREAM OBVERT LEVEL	UPSTREAM H.G.L.	DOWNSTREAM H.G.L.	W.S.E.	SURFACE OR GRATE LEVEL	MAJOR SURFACE FLOW CAPACITY	MAJOR SURFACE FLOW	DEPTH x VELOCITY PRODUCT	STRUCTURE NUMBER				
			min	mm/h	ha	ha	L/s	L/s	%	L/s	L/s	min	mm/h	ha	L/s	L/s	m	%	mm	m/s		min	Qg/Qo	Du/Do	S/Do	m		m	m	m	%	m	m											m/s	m	m	m
1/5	2/5	1/5	8.00	252	1.00	0.316	0.316	221	221	2.97	134	87	3/5	8.00	252	0.316	0	134	26.849	3.116	375	2	1.22	0.22	32	1.00		2.22	0.076	6.07	0.458		0.458	1.40	0.428	0.173	2.70	60.798	59.961	60.693	60.316	61.152	61.766	1815	221	0.14	1/5
2/5	3/5	1/5 2/5	8.00	252	1.00	0.210	0.210	147	147	3.47	99	48	4/5	8.22	250	0.525	0	230	24.661	3.207	375	2	2.08	0.21	34 37	0.42	1.00	2.00	0.221	1.69	0.375		0.375	1.72	0.425	0.239	3.10	59.941	59.150	59.942	59.517	60.316	60.912	1775	147	0.11	2/5
3/5	4/5	1/5 2/5 3/5	8.00	252	1.00	0.185	0.185	129	216	3.47	44	172	1/81	8.43	248	0.710	0	269	32.544	3.163	375	2	2.43	0.27	34 37	0.16	1.00	2.03	0.302	1.03	0.312		0.312	2.35	0.765	0.269	3.18	59.130	58.101	59.205	58.439	59.517	60.102	1775	216	0.14	3/5
4/5	5/5	1/5 2/5 3/5 4/5	8.00	252	1.00	0.234	0.234	164	212	2.23	63	148	5/5	8.70	245	0.944	0	322	11.756	3.001	450	2	2.03	0.10	33 34	0.19	0.83	1.75	0.209	0.49	0.102		0.102	1.28	0.150	0.265	3.31	58.101	57.748	58.338	58.188	58.439	59.058	1867	212	0.12	4/5
5/5	TE1/5	1/80 1/81 1/5 2/5 3/5 4/5	0.00	0		0.000	0.000	0	356		0	356	1/78	8.58	246	1.324	0	581	8.970	4.272	525	2	2.69	0.07	42 43	0.00	1.00	2.01	0.368	1.37	0.504	1.44	0.532	4.28	0.383	0.310	4.38	57.721	57.337	57.684	57.300	58.216	59.013	1787	356		5/5
TE1/5																																												TE1/5			
1/66	2/66	1/66	8.00	252	1.00	0.189	0.189	132	132	2.64	96	36	3/66	8.00	252	0.189	0	96	36.864	2.509	375	2	0.87	0.31	32	1.00		1.65	0.038	6.34	0.244		0.244	0.89	0.387	0.152	2.28	55.542	54.617	55.394	55.064	55.637	56.509	1815	132	0.10	1/66
2/66	3/66	1/66 2/66	8.00	252	1.00	0.267	0.267	187	187	2.62	120	66	1/67	8.31	249	0.455	0	212	43.136	2.622	375	2	1.92	0.36	32 34 37	0.56	1.00	2.25	0.188	2.04	0.383		0.383	1.46	0.631	0.242	2.82	54.597	53.465	54.681	54.050	55.064	55.563	1815	187	0.12	2/66
3/66	4/66	1/66 2/66 3/66	8.00	252	1.00	0.329	0.329	230	267	3.16	80	186	1/68	8.36	248	0.777	0	283	15.784	3.036	375	2	2.56	0.13	34 37	0.27	1.00	2.61	0.336	1.22	0.410		0.410	2.61	0.413	0.286	3.14	53.445	52.966	53.639	53.226	54.050	54.414	1775	267	0.16	3/66
4/66																																												4/66			
1/67	5/66	1/67	8.00	252	1.00	0.201	0.201	141	207	4.05	124	84	1/65	8.00	252	0.201	0	124	10.286	3.130	375	2	1.12	0.09	32	1.00		2.42	0.064	5.25	0.336		0.336	0.50	0.052	0.165	2.64	52.050	51.728	52.245	52.193	52.581	53.024	1714	207	0.14	1/67
5/66																																												5/66			
2/73	9/5	1/73 2/73	8.00	252	1.00	0.183	0.183	128	176	4.97	111	65	1/75	8.42	248	0.312	0	206	36.523	3.002	375	2	1.87	0.30	32 33 34	0.53	1.00	2.44	0.178	1.83	0.325		0.325	1.38	0.506	0.227	2.96	54.608	53.512	54.823	54.316	55.148	55.669	1680	176	0.13	2/73
9/5																																												9/5			
1/73	2/73	1/73	8.00	252	1.00	0.129	0.129	90	147	4.04	99	48	2/73	8.00	252	0.129	0	99	50.000	5.321	375	2	0.90	0.42	32	1.00		1.68	0.041	6.21	0.255		0.255	3.99	2.054	0.126	3.03	57.289	54.628	57.145	55.148	57.400	58.084	1714	147	0.12	1/73
1/80	5/5	1/80	8.00	252	1.00	0.182	0.182	127	127	4.23	59	68	1/79	8.00	252	0.182	0	59	5.120	1.001	375	2	0.54	0.04	32	1.00		1.71	0.015	8.54	0.126		0.126	0.11	0.006	0.150	1.43	58.052	58.000	58.194	58.188	58.320	58.992	1714	127	0.11	1/80
1/81	5/5	1/81	8.00	252	1.00	0.207	0.207	145	416	1.70	209	207	5/5	8.00	252	0.207	0	209	14.907	1.013	375	2	1.89	0.13	32	1.00		3.39	0.182	3.38	0.616		0.616	1.42	0.214	0.375	1.89	58.121	57.970	58.402	58.188	59.017	59.065	1929	416		1/81
11/82	12/82	1/113 1/114 1/115 2/115 3/115 1/131A 1/131B 2/131B 1/132 1/133 1/134 2/134 1/135 1/136 1/137 1/82 2/82 3/82 4/82 8/82 1/110 1/111 1/130 1/112 2/112 3/112 1/128 1/129																																												11/82	
12/82	13/82	1/108 1/109 1/113 1/114 1/115 2/115 3/115 1/131A 1/131B 2/131B 1/132 1/133 1/134 1/134 2/134 1/135 1/136 1/137 1/137 1/82 2/82 3/82 4/82 8/82 1/110 1/111 1/130 1/112 2/112 3/112 1/128 1/129																																													12/82
13/82	13A/82	1/106 1/107 1/108 1/109 1/113 1/114 1/115 2/115 3/115 1/131A 1/131B 2/131B 1/132 1/133 1/134 2/134 1/135 1/136 1/137 1/82 2/82 3/82 4/82 8/82 1/110 1/111 1/130 1/112 2/112 3/112 1/128 1/129							1.06																																					13/82	
13A/82	13B/82	1/139 1/106 1/107 1/108 1/109 1/113 1/114 1/115 2/115 3/115 1/131A 1/131B 2/131B 1/132 1/133 1/134 2/134 1/135 1/136 1/137 1/82 2/82 3/82 4/82 8/82 1/110 1/111 1/130 1/112 2/112 3/112 1/128 1/129							1.59																																					13A/82	
13B/82	14/82	1/138 1/139 1/106 1/107 1/108 1/109 1/113 1/114 1/115 2/115 3/115 1/131A 1/131B 2/131B 1/132 1/133 1/134 1/134 2/134 1/135 1/136 1/137 1/137 1/82 2/82 3/82 4/82 8/82 1/110 1/111 1/130 1/112 2/112 3/112 1/128 1/129							1.59																																						13B/82
14/82	15/82	1/104 1/105 1/138 1/139 1/106 1/107 1/108 1/109 1/113 1/114 1/115 2/115 3/115 1/131A 1/131B 2/131B 1/132 1/133 1/134 2/134 1/135 1/136 1/137 1/82 2/82 3/82 4/82 8/82 1/110 1/111 1/130 1/112 2/112 3/112 1/128 1/129							1.59																																						14/82

**FOR CONSTRUCTION**

24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB
DATE	REV	DESCRIPTION	REC	APP

REVISIONS



**BRISBANE OFFICE**  
 LEVEL 11, 300 ADELAIDE STREET  
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PROJECT MANAGER  
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PROJECT DIRECTOR  
*PKB*  
PATRICK BRADY

NPEQ 7112

SCALE

ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**STORMWATER CALCULATIONS 1% AEP STORM - SHEET 1**

JOB CODE  
**MIR-0803**

SHEET NUMBER  
**C442**

REV  
**B**



# EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT

## TEVIOT ROAD, GREENBANK

### FOR MIRVAC QLD PTY LTD

# SEWERAGE



### LOCALITY PLAN

#### REAL PROPERTY DESCRIPTION

LOT 205 & 434 on RP845844  
 LOT 9 on S312355

NAME OF ESTATE	EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT	
SUBDIVIDER	Mirvac QLD Pty Ltd	
APPLICATION No.	DEV2022/1277	
SP DELEGATE APPROVAL DATE	11/11/2022	
COUNCIL DA APPROVAL No.	-	
DRAWING/PLAN No.	C510-C511	
No. OF ALLOTMENTS	88	
AREA ha	4.91ha	
LENGTH OF SEWERS	DN150 uPVC SN8	1078.78m

#### GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND SEWERAGE CODE SPECIFICATIONS AND STANDARDS.
- UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
- THE CONSTRUCTION OF THE SEWERAGE WORK SHOWN ON THIS DRAWING SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. SEWERAGE WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO THE SEQ SERVICE PROVIDER SEWERAGE SYSTEM.
- ALL WORK ASSOCIATED WITH LIVE SEWERS OR MAINTENANCE HOLES SHALL BE CARRIED OUT BY THE CONTRACTOR UNDER LOGAN WATER SUPERVISION AT THE DEVELOPER'S COST.
- ALL PIPES AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE "ACCEPTED PRODUCTS AND MATERIALS" LIST.
- EACH ALLOTMENT SHALL BE SERVED BY A DN100 PROPERTY CONNECTION. FOR ALLOTMENTS OTHER THAN SINGLE RESIDENTIAL, A DN150 PROPERTY CONNECTION SHALL BE PROVIDED.
- PROPERTY CONNECTIONS SHALL BE LOCATED WITHIN THE PROPERTY AS SHOWN IN THE DRAWINGS.
- PROPERTY CONNECTION BRANCHES SHALL EXTEND INTO THE PROPERTY A MINIMUM OF 300mm AND A MAXIMUM OF 750mm.
- WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 300mm (LOOSE) IN DEPTH AND SHALL BE COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF THE MATERIALS MAXIMUM COMPACTION WHEN TESTED IN ACCORDANCE WITH A.S. 1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER. IN ALL SUCH CASES APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY THE SEQ SERVICE PROVIDER UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION HAS BEEN ACHIEVED.
- WHERE SEWERS HAVE A GRADE OF 1 IN 20 OR STEEPER, BULKHEADS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SEQ SEWER CODE.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES BEFORE COMMENCING WORKS.
- SEWERS SHALL BE DISUSED /ABANDONED IN ACCORDANCE WITH PROCEDURES SET OUT IN THE SEQ SEWER CODE.
- BENCH MARK AND LEVELS TO AHD.
- REFER TO BULK EARTHWORKS DRAWINGS FOR FINISHED SURFACE LEVELS.
- ALL SEWER CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT. FOR INFORMATION PHONE: 1300 369 915.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO ALLOW CONSTRUCTION OF THE SEWER SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATION AND SAFE SHORING TO ALLOW SEWER MAINTENANCE SECTION TO CARRY OUT LIVE SEWER WORK.
- CONSTRUCT TRENCHES TO SEQ-SEW-1200-2, WITH EMBEDMENT TYPE 3 SUPPORT MINIMUM TO SEQ-SEW-1201-1, AND ROAD CROSSINGS TO SEQ-SEW-1205-1 AND LCC STANDARDS.
- CONSTRUCT PROPERTY CONNECTIONS TO SEQ-SEW-1100 SERIES.
- CONSTRUCT MAINTENANCE STRUCTURES TO SEQ-SEW-1300 SERIES.
- CONSTRUCT BULKHEADS TO SEQ-SEW-1206-1.
- INSTALL DETECTABLE MARKER TAPE ON ALL MAINS AND PROPERTY CONNECTIONS.
- CALCAREOUS CONCRETE IN MAINTENANCE HOLES REQUIRED IN ACCORDANCE WITH SEQ WS&S D&C CODE REQUIREMENTS.
- CCTV OF SEWER TO BE UNDERTAKEN AND SUPPLIED TO SUPERINTENDENT PRIOR TO, BUT NO GREATER THAN 2 WEEKS BEFORE, THE ON-SITE INSPECTION FOR OFF MAINTENANCE.

#### VEGETATION PROTECTION

- TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
- WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
- TREE ROOTS SHALL BE TUNNELLED UNDER, RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHALL BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT RELEVANT COUNCIL ARBORIST FOR FURTHER ADVICE.
- ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST

#### SOIL

- TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY.
- CARE SHALL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.
- IF ACID SULPHATE SOILS EXIST IN THE WORKS AREA, ACID SULPHATE SOILS ARE TO MANAGED IN ACCORDANCE WITH AN APPROVED ACID SULPHATE SOIL MANAGEMENT PLAN.

#### CREEK CROSSINGS

- SILTATION CONTROL MEASURES SHALL BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.
- APPROPRIATE SEDIMENT CONTROLS SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.
- NO SOIL SHALL BE STOCKPILED WITHIN 5m OF THE CREEK.

#### REHABILITATION

- PREDISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.
- PREDISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED.

#### SAFETY

- THE DESIGN AND CONSTRUCTION OF THE WORKS SHALL COMPLY WITH ALL QUEENSLAND LEGISLATION.

#### INDEMNITY - EXISTING SERVICES

NOT WITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.

ALL ENVIRONMENT PROTECTION MEASURES SHALL BE IMPLEMENTED PRIOR TO COMMENCING ANY CONSTRUCTION WORK, INCLUDING CLEARING.

ALL SEWER CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORKPLACE HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF HEALTH & SAFETY FOR INFORMATION. PHONE: 1300 369 915

CONTACT "DIAL BEFORE YOU DIG" ON 1100 FOR LOCATION OF EXISTING PUBLIC SERVICES PRIOR TO EXCAVATION.

#### TRENCH SPOIL NOTE:

SPOILAGE OF EXCESS MATERIAL TO BE PLACED IN FUTURE FILL AREA AS NOMINATED BY THE SUPERINTENDENT INCLUDING ALL LEVEL ONE COMPACTION REQUIREMENTS AND TESTING IN ACCORDANCE WITH MORRISON GEOTECHNICAL SPECIFICATION AND ALL LOCAL AUTHORITY STANDARDS, AND SHALL BE FREE DRAINING.

#### EXCAVATION IN ROCK NOTE:

CONTRACT SHALL INCLUDE TREATING, SIZING CONDITIONING AND PROCESSING ALL TYPES OF ROCK IN ALL EXCAVATIONS. PROCESSING TO BE COMPLETED AS PER MORRISON GEOTECHNICAL REPORTS TO ENSURE LEVEL 1 IS ACHIEVED.

#### SHEET LIST TABLE

SHEET NO.	SHEET TITLE
C500	SEWERAGE LOCALITY PLAN & NOTES
C510	SEWERAGE LAYOUT PLAN - SHEET 1
C511	SEWERAGE LAYOUT PLAN - SHEET 2
C520	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 1
C521	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 2
C522	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 3
C523	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 4
C524	SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 5
C530	SEWERAGE NOTES AND DETAILS

### FOR CONSTRUCTION



**BRISBANE OFFICE**  
 LEVEL 11, 300 ADELAIDE STREET  
 BRISBANE, QLD 4000  
 PH: (07) 3253 2222  
 WEB: www.premise.com.au

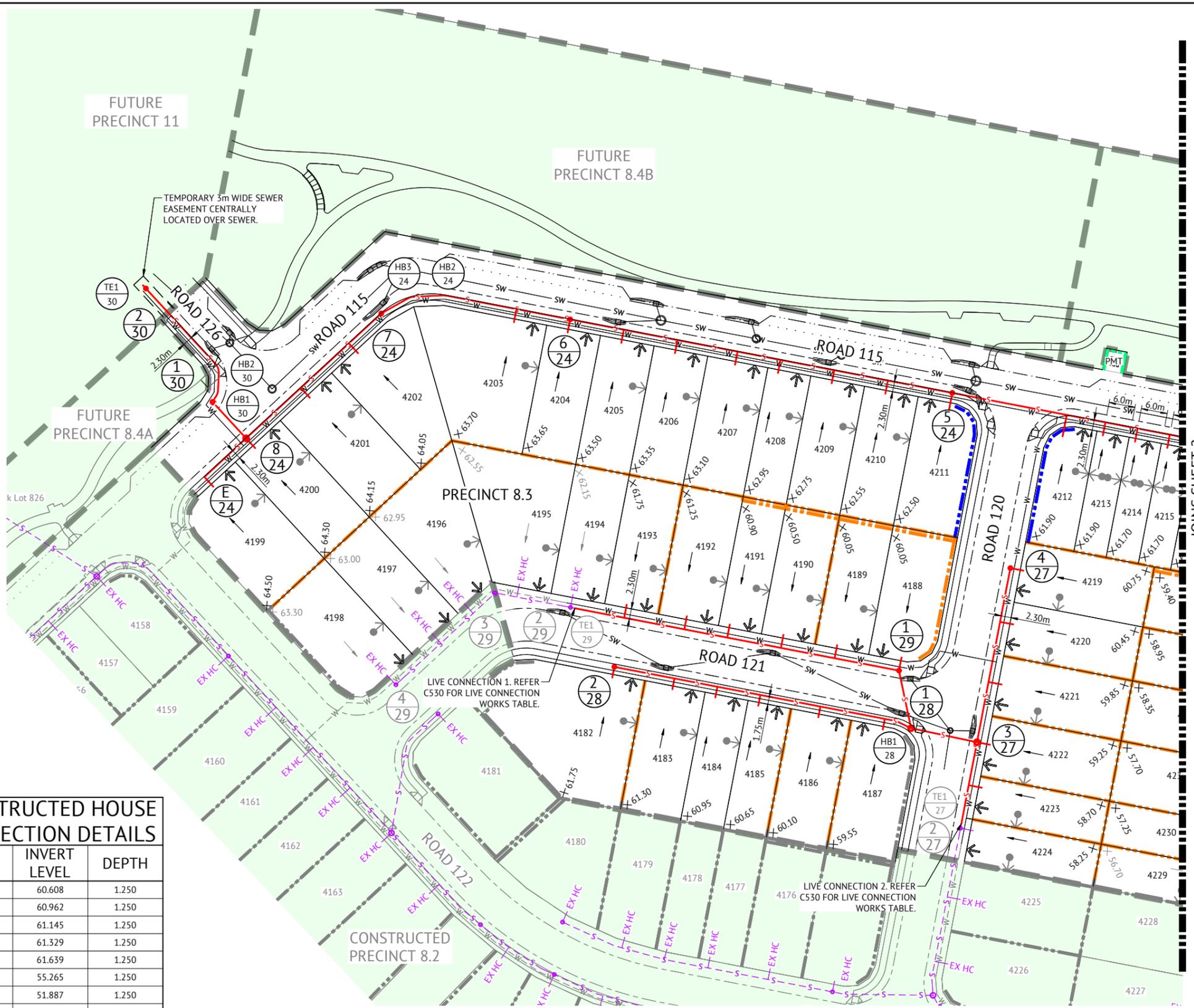
DESIGNED  
**KLYNT KIWANG**  
 CHECKED  
**ANDREW LANGDON**  
 PROJECT MANAGER  
**NICK SOMERVILLE**  
 PROJECT DIRECTOR  
  
**PATRICK BRADY** RPEQ 7112

SCALE  
  
 SCALE 1:5000 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
 PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
 LOCATION  
**TEVIOT ROAD, GREENBANK**  
 SHEET TITLE  
**SEWERAGE LOCALITY PLAN & NOTES**

JOB CODE  
**MIR-0803**  
 SHEET NUMBER  
**C500**  
 REV  
**B**

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB



- LEGEND - PROPOSED**
- GRAVITY SEWER
  - Ø100mm PROPERTY CONNECTION, 7.5m OFFSET FROM SIDE BODY WITH DWAY, 1.2m OFFSET FROM SIDE BODY WITHOUT DWAY, TYPICAL U.N.O.
  - MAINTENANCE STRUCTURE
  - PROPOSED MAINTENANCE HOLE OR MAINTENANCE SHAFT NUMBER, REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
  - HORIZONTAL BEND (3m RADIUS).
  - 38 LOT NUMBER
  - STORMWATER DRAINAGE
  - DRINKING WATER MAIN
  - ELECTRICAL (PROPOSED)
  - ZERO LOT LINE
  - FUTURE DRIVEWAY LOCATION
  - PROPOSED CONCRETE SLEEPER RETAINING WALL
  - PROPOSED CONCRETE PANEL RETAINING WALL
  - PROPOSED MASONRY WALL TO ENERGEX STANDARDS
  - PROPOSED CONCRETE FOOTPATH & KERB RAMP
  - STAGE BOUNDARY
  - FALL ARROW
  - PADMOUNT TRANSFORMER

- LEGEND - CONSTRUCTED**
- Ø100mm CONSTRUCTED PROPERTY CONNECTION
  - GRAVITY SEWER
  - SEWER RISING MAIN
  - MAINTENANCE STRUCTURE
  - STORMWATER DRAINAGE
  - DRINKING WATER MAIN
  - MAINTENANCE HOLE OR MAINTENANCE SHAFT NUMBER, REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
  - HORIZONTAL BEND (3m RADIUS).
  - PADMOUNT TRANSFORMER

**CONSTRUCTED HOUSE CONNECTION DETAILS**

LOT #	INVERT LEVEL	DEPTH
4194	60.608	1.250
4195	60.962	1.250
4196	61.145	1.250
4197	61.329	1.250
4198	61.639	1.250
4229	55.265	1.250
4266	51.887	1.250
4488	52.052	1.250
4500	54.348	1.250
4501	53.878	1.250

**LAYOUT PLAN**  
SCALE 1:500

FOR SEWERAGE RETICULATION NOTES REFER DWG No. C500.

CONTRACTOR TO CONSTRUCT PROPOSED SEWER MANHOLES WITH SUFFICIENT NECK HEIGHT SHOULD FUTURE LAND OWNER REQUIRE ADJUSTMENT TO LID LEVEL TO SUIT POTENTIAL DRIVEWAY.

CONTRACTOR TO ENSURE THAT ALL SLOPED PROPERTY CONNECTIONS LOCATED AT REAR OF LOTS SHALL TERMINATE AT SHORTEST LENGTH POSSIBLE FROM THE JUNCTION WITH THE SEWER MAIN.

PROPERTY CONNECTIONS HAVE BEEN DESIGNED TO CONTROL THE REQUIRED SERVICE AREA OF EACH LOT AT A GRADE OF 1:60 AND A MAXIMUM DEPTH TO INVERT OF PROPERTY CONNECTION AT 1.5m, UNLESS OTHERWISE STATED.

ALL PROPERTY CONNECTIONS DIA 100 PVC UNLESS OTHERWISE DENOTED.

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	REMOVED PROPERTY CONNECTION TO FUTURE PRECINCT 11 LOT	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

**Premise**  
BRISBANE OFFICE  
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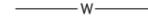
DESIGNED  
KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112

SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
SEWERAGE LAYOUT PLAN - SHEET 1

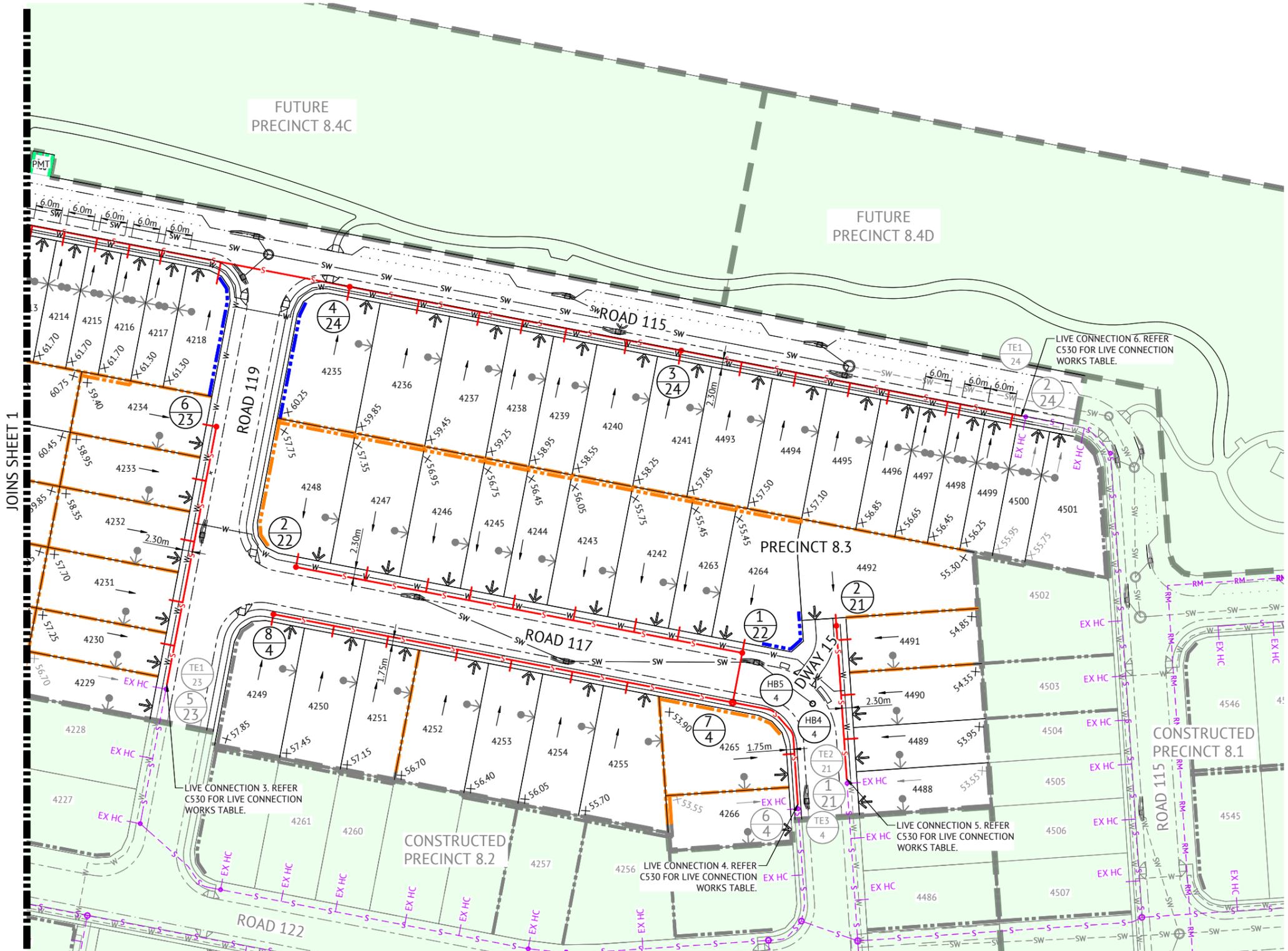
JOB CODE  
MIR-0803  
SHEET NUMBER  
C510  
REV  
B

**LEGEND - PROPOSED**

-  GRAVITY SEWER
-  Ø100mm PROPERTY CONNECTION, 7.5m OFFSET FROM SIDE BODY WITH DWAY, 1.2m OFFSET FROM SIDE BODY WITHOUT DWAY, TYPICAL U.N.O.
-  MAINTENANCE STRUCTURE
-  PROPOSED MAINTENANCE HOLE OR MAINTENANCE SHAFT NUMBER, REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
-  HORIZONTAL BEND (3m RADIUS).
- 38 LOT NUMBER
-  STORMWATER DRAINAGE
-  DRINKING WATER MAIN
-  ELECTRICAL (PROPOSED)
-  ZERO LOT LINE
-  FUTURE DRIVEWAY LOCATION
-  PROPOSED CONCRETE SLEEPER RETAINING WALL
-  PROPOSED CONCRETE PANEL RETAINING WALL
-  PROPOSED MASONRY WALL TO ENERGEX STANDARDS
-  PROPOSED CONCRETE FOOTPATH & KERB RAMP
-  STAGE BOUNDARY
-  FALL ARROW
-  PADMOUNT TRANSFORMER

**LEGEND - CONSTRUCTED**

-  Ø100mm CONSTRUCTED PROPERTY CONNECTION
-  GRAVITY SEWER
-  SEWER RISING MAIN
-  MAINTENANCE STRUCTURE
-  STORMWATER DRAINAGE
-  DRINKING WATER MAIN
-  MAINTENANCE HOLE OR MAINTENANCE SHAFT NUMBER, REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
-  HORIZONTAL BEND (3m RADIUS).
-  PADMOUNT TRANSFORMER



**LAYOUT PLAN**  
SCALE 1:500

FOR SEWERAGE RETICULATION NOTES REFER DWG No. C500.

CONTRACTOR TO CONSTRUCT PROPOSED SEWER MANHOLES WITH SUFFICIENT NECK HEIGHT SHOULD FUTURE LAND OWNER REQUIRE ADJUSTMENT TO LID LEVEL TO SUIT POTENTIAL DRIVEWAY.

CONTRACTOR TO ENSURE THAT ALL SLOPED PROPERTY CONNECTIONS LOCATED AT REAR OF LOTS SHALL TERMINATE AT SHORTEST LENGTH POSSIBLE FROM THE JUNCTION WITH THE SEWER MAIN.

PROPERTY CONNECTIONS HAVE BEEN DESIGNED TO CONTROL THE REQUIRED SERVICE AREA OF EACH LOT AT A GRADE OF 1:60 AND A MAXIMUM DEPTH TO INVERT OF PROPERTY CONNECTION AT 1.5m, UNLESS OTHERWISE STATED.

ALL PROPERTY CONNECTIONS DIA 100 PVC UNLESS OTHERWISE DENOTED.

FOR CONSTRUCTION			
DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

**Premise**  
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KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112

SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**SEWERAGE LAYOUT PLAN - SHEET 2**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C511**  
REV  
**B**

MAINTENANCE HOLE / SHAFT NO.	TE3/4	HB4/4	HB5/4	7/4	8/4
MH / MS COVER TYPE				B	B
MH / MS TYPE	TE	LRB	LRB	A	J
MH DROP TYPE				V	V
LINE NO.				22	4
PROPERTY CONNECTION DEPTH	1.250		1.250	1.250	1.250
PROPERTY CONNECTION INVERT LEVEL	52.393		54.109	54.443	54.810
PROPERTY CONNECTION TYPE	B		B	B	B
LOT NO.	4265		4255	4254	4253

TE2/21	2/21
MH / MS COVER TYPE	B
MH / MS TYPE	J
MH DROP TYPE	V
LINE NO.	22
PROPERTY CONNECTION DEPTH	1.250
PROPERTY CONNECTION INVERT LEVEL	52.456
PROPERTY CONNECTION TYPE	B
LOT NO.	4489

7/4	1/22	2/22	
MH / MS COVER TYPE	B	B	B
MH / MS TYPE	A	J	J
MH DROP TYPE	V	V	V
LINE NO.	22	22	
PROPERTY CONNECTION DEPTH	1.250	1.250	1.250
PROPERTY CONNECTION INVERT LEVEL	53.417	53.829	54.091
PROPERTY CONNECTION TYPE	B	B	B
LOT NO.	4264	4263	4242

**LEGEND**  
 RR DENOTES ROAD RESERVE  
 PP DENOTES PRIVATE PROPERTY

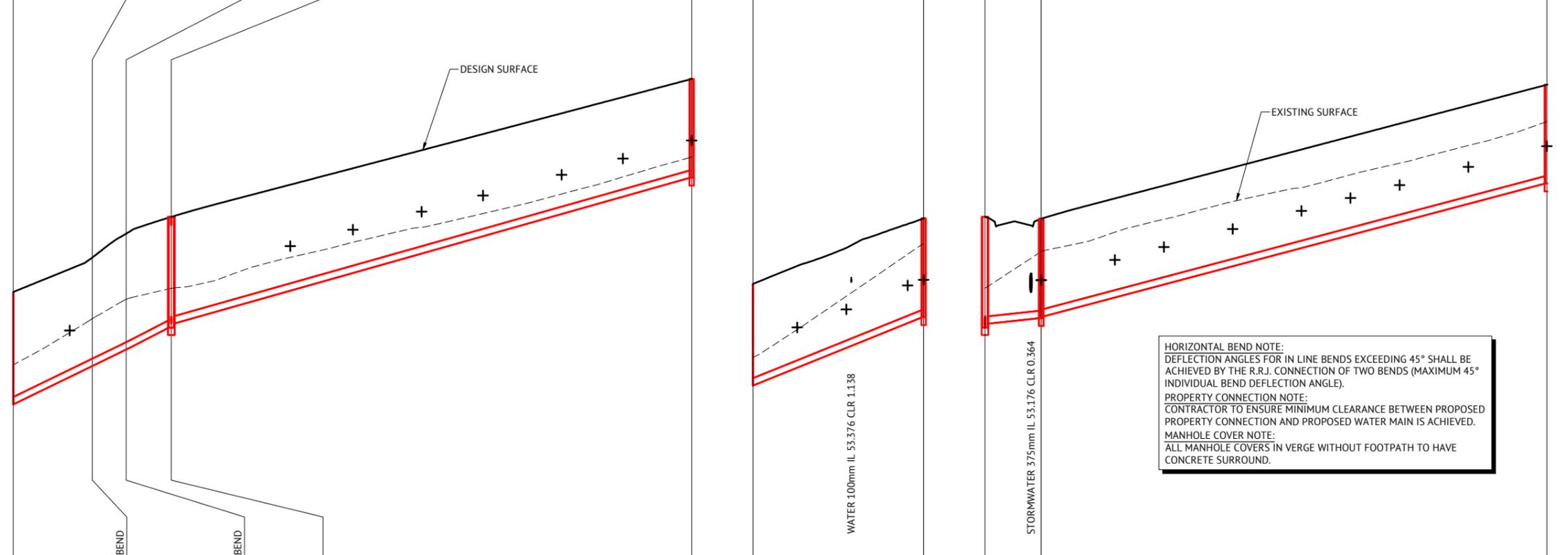
MANHOLE TYPES	
A	CONCRETE MANHOLE 1.05Ø
B	CONCRETE MANHOLE 1.20Ø
C	CONCRETE MANHOLE 1.50Ø
J	TYPE 'J' 1 MAINTENANCE SHAFT (DN300 SHAFT)
TE	TEMPORARY END
LRB	HORIZONTAL BEND (3m HORIZ. RADIUS)

LID TYPES	
B	CLASS B NON TRAFFICABLE CAST IRON
BD	CLASS B NON TRAFFICABLE BOLT DOWN
D	CLASS D TRAFFICABLE CAST IRON

MAINTENANCE STRUCTURE DROP TYPES	
V	FALL THROUGH MH
W	OBLIQUE 45° BACKDROP
X	INTERNAL DROP
Y	EXTERNAL DROP
VORT	INTERNAL VORTEX DROP
Z	MAINTENANCE SHAFT DROP

PROPERTY CONNECTION TYPES	
A	TYPE A - STD
B	TYPE B - SLOPE UP
D	TYPE D - VERTICAL
D(E)	TYPE D(E) - EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL. SEE C530 FOR DETAILS

**NOTES:**  
 1. EMBEDMENT TYPE 3 SHALL USE CRUSHED ROCK NOMINAL 5-7mm (SINGLE SIZED).  
 2. DUCTILE IRON PIPES SHALL HAVE MIN. 1300 MICRON POLYURETHANE INTERNAL LINING.



**HORIZONTAL BEND NOTE:**  
 DEFLECTION ANGLES FOR IN LINE BENDS EXCEEDING 45° SHALL BE ACHIEVED BY THE R.R.J. CONNECTION OF TWO BENDS (MAXIMUM 45° INDIVIDUAL BEND DEFLECTION ANGLE).  
**PROPERTY CONNECTION NOTE:**  
 CONTRACTOR TO ENSURE MINIMUM CLEARANCE BETWEEN PROPOSED PROPERTY CONNECTION AND PROPOSED WATER MAIN IS ACHIEVED.  
**MANHOLE COVER NOTE:**  
 ALL MANHOLE COVERS IN VERGE WITHOUT FOOTPATH TO HAVE CONCRETE SURROUND.

DATUM RL	47.000							
PROPERTY DESCRIPTION	RR							
PIPE SIZE (mm), CLASS	DN150 uPVC SN8							
GRADE (1 IN X)	21							36
LENGTH	15.116	0.985	0.985	4.934	0.984	0.985	8.191	106.000
EMBEDMENT TYPE	TYPE 3							
DEPTH OF INVERT BELOW FSL	2.287	2.182	2.204	2.233	2.347	2.355	2.369	2.008
INVERT LEVEL (IL)	50.890	51.624	51.671	51.719	51.958	52.006	52.054	55.501
FINISHED SURFACE LEVEL (FSL)	53.177	53.806	53.875	53.952	54.305	54.361	54.423	57.509
EXISTING SURFACE LEVEL (ESL)	51.695	52.572	52.635	52.692	52.977	53.028	53.061	55.924
CHAINAGE (CH)	364.862	379.978	380.963	381.948	386.882	387.866	388.852	503.043

DATUM RL	47.000	
PROPERTY DESCRIPTION	RR	
PIPE SIZE (mm), CLASS	DN150 uPVC SN8	
GRADE (1 IN X)	25	
LENGTH	34.750	106.000
EMBEDMENT TYPE	TYPE 3	
DEPTH OF INVERT BELOW FSL	2.069	2.011
INVERT LEVEL (IL)	51.275	52.665
FINISHED SURFACE LEVEL (FSL)	53.342	54.674
EXISTING SURFACE LEVEL (ESL)	51.842	54.164
CHAINAGE (CH)	0.000	34.750

DATUM RL	47.000			
PROPERTY DESCRIPTION	RR			
PIPE SIZE (mm), CLASS	DN150 uPVC SN8			
GRADE (1 IN X)	100			38
LENGTH	11.450	103.000		
EMBEDMENT TYPE	TYPE 3			
DEPTH OF INVERT BELOW FSL	2.253	2.173	2.021	2.008
INVERT LEVEL (IL)	52.451	52.531	52.646	55.384
FINISHED SURFACE LEVEL (FSL)	54.704	54.667	54.676	57.392
EXISTING SURFACE LEVEL (ESL)	52.252	54.007	54.164	56.642
CHAINAGE (CH)	0.000	11.450	114.450	

<b>FOR CONSTRUCTION</b>		<b>BRISBANE OFFICE</b> LEVEL 11, 300 ADELAIDE STREET BRISBANE, QLD 4000 PH: (07) 3253 2222 WEB: www.premise.com.au	DESIGNED <b>KLYNT KIWANG</b> CHECKED <b>ANDREW LANGDON</b> PROJECT MANAGER <b>NICK SOMERVILLE</b> PROJECT DIRECTOR <b>PATRICK BRADY</b>	SCALE HORIZONTAL 1:500 (A1) VERTICAL 1:50 (A1) 	CLIENT <b>MIRVAC QLD PTY LTD</b> PROJECT <b>EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT</b> LOCATION <b>TEVIOT ROAD, GREENBANK</b> SHEET TITLE <b>SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 1</b>	JOB CODE <b>MIR-0803</b> SHEET NUMBER <b>C520</b> REV <b>B</b>
24/01/2025 B ISSUED FOR CONSTRUCTION 28/05/2024 A ISSUED FOR APPROVAL DATE REV DESCRIPTION REVISIONS	KK PB KK PB REC APP					

MAINTENANCE HOLE / SHAFT NO.	TE1/23	6/23
MH / MS COVER TYPE		B
MH / MS TYPE	TE	J
MH DROP TYPE		
LINE NO.		
PROPERTY CONNECTION DEPTH	1.250	1.250
PROPERTY CONNECTION INVERT LEVEL	55.762	56.259
PROPERTY CONNECTION TYPE	B	B
LOT NO.	4230	4234

MAINTENANCE HOLE / SHAFT NO.	TE1/24	3/24	4/24
MH / MS COVER TYPE		B	B
MH / MS TYPE	TE	J	J
MH DROP TYPE		V	V
LINE NO.		24	24
PROPERTY CONNECTION DEPTH	1.250	1.250	1.250
PROPERTY CONNECTION INVERT LEVEL	54.572	54.795	55.018
PROPERTY CONNECTION TYPE	B	B	B
LOT NO.	4499	4498	4497

**LEGEND**  
 RR DENOTES ROAD RESERVE  
 PP DENOTES PRIVATE PROPERTY

MANHOLE TYPES	
A	CONCRETE MANHOLE 1.05Ø
B	CONCRETE MANHOLE 1.20Ø
C	CONCRETE MANHOLE 1.50Ø
J	TYPE 'J' 1 MAINTENANCE SHAFT (DN300 SHAFT)
TE	TEMPORARY END
LRB	HORIZONTAL BEND (3m HORIZ. RADIUS)

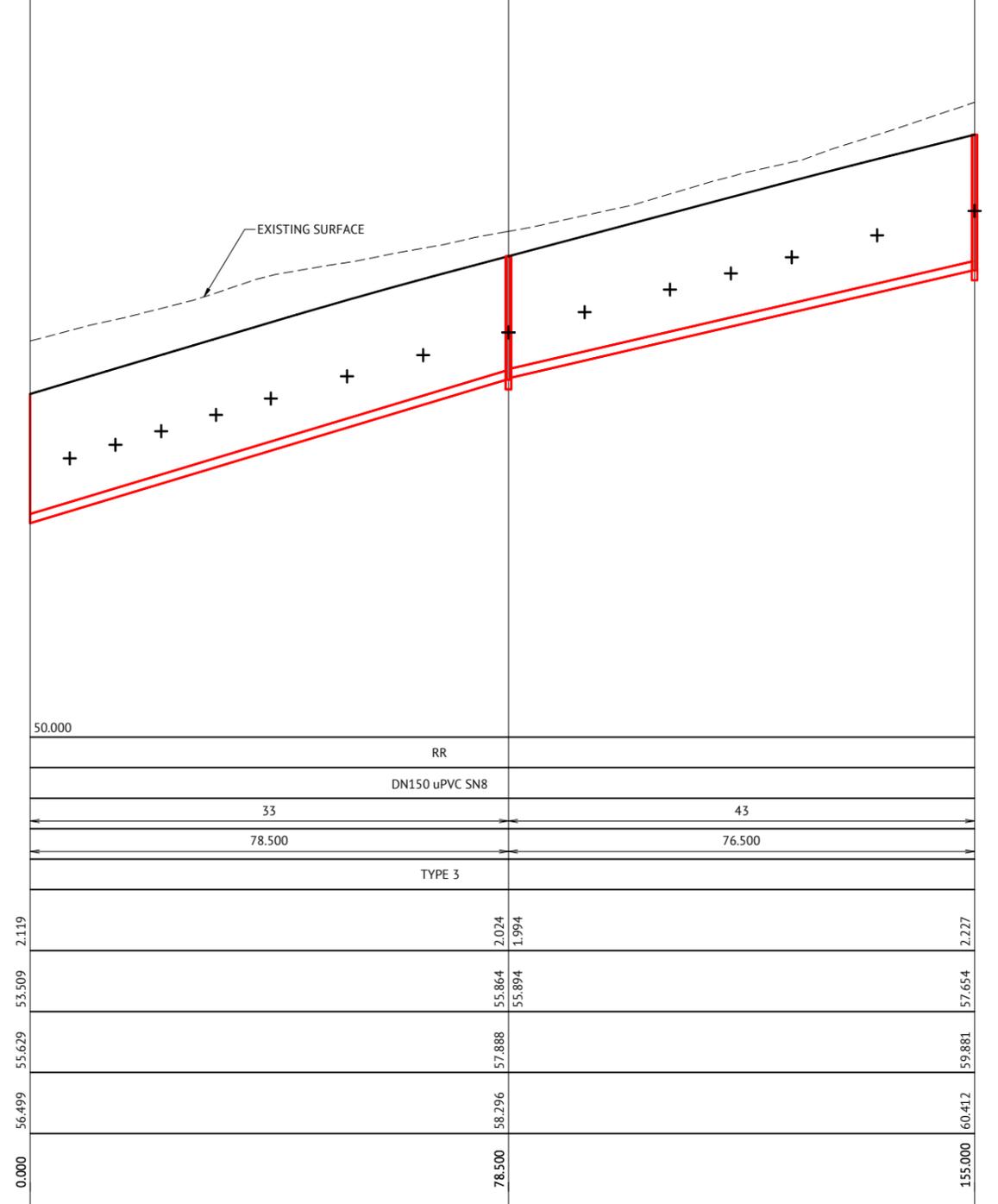
LID TYPES	
B	CLASS B NON TRAFFICABLE CAST IRON
BD	CLASS B NON TRAFFICABLE BOLT DOWN
D	CLASS D TRAFFICABLE CAST IRON

MAINTENANCE STRUCTURE DROP TYPES	
V	FALL THROUGH MH
W	OBLIQUE 45° BACKDROP
X	INTERNAL DROP
Y	EXTERNAL DROP
VORT	INTERNAL VORTEX DROP
Z	MAINTENANCE SHAFT DROP

PROPERTY CONNECTION TYPES	
A	TYPE A - STD
B	TYPE B - SLOPE UP
D	TYPE D - VERTICAL
D(E)	TYPE D(E) - EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL. SEE C530 FOR DETAILS

- NOTES:**  
 1. EMBEDMENT TYPE 3 SHALL USE CRUSHED ROCK NOMINAL 5-7mm (SINGLE SIZED).  
 2. DUCTILE IRON PIPES SHALL HAVE MIN. 1300 MICRON POLYURETHANE INTERNAL LINING.

DATUM RL	51.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	24
LENGTH	59.500
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.000
INVERT LEVEL (IL)	54.564
FINISHED SURFACE LEVEL (FSL)	56.564
EXISTING SURFACE LEVEL (ESL)	55.238
CHAINAGE (CH)	191.025



**HORIZONTAL BEND NOTE:**  
 DEFLECTION ANGLES FOR IN LINE BENDS EXCEEDING 45° SHALL BE ACHIEVED BY THE R.R.J. CONNECTION OF TWO BENDS (MAXIMUM 45° INDIVIDUAL BEND DEFLECTION ANGLE).  
**PROPERTY CONNECTION NOTE:**  
 CONTRACTOR TO ENSURE MINIMUM CLEARANCE BETWEEN PROPOSED PROPERTY CONNECTION AND PROPOSED WATER MAIN IS ACHIEVED.  
**MANHOLE COVER NOTE:**  
 ALL MANHOLE COVERS IN VERGE WITHOUT FOOTPATH TO HAVE CONCRETE SURROUND.

LINE 23

24

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION		
28/05/2024	A	ISSUED FOR APPROVAL		

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 CHECKED  
ANDREW LANGDON  
 PROJECT MANAGER  
NICK SOMERVILLE  
 PROJECT DIRECTOR  
PATRICK BRADY  
 RPEQ 7112

SCALE  
 HORIZONTAL 1:500 (A1)  
 VERTICAL 1:50 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 2

JOB CODE  
MIR-0803  
 SHEET NUMBER  
C521  
 REV  
B

MAINTENANCE HOLE / SHAFT NO.	4/24	5/24	6/24	7/24
MH / MS COVER TYPE	B	B	B	B
MH / MS TYPE	J	J	J	J
MH DROP TYPE	V	V	V	V
LINE NO.	24	24	24	24
PROPERTY CONNECTION DEPTH	1.250	1.250	1.250	1.250
PROPERTY CONNECTION INVERT LEVEL	58.631	59.307	60.648	61.883
PROPERTY CONNECTION TYPE	B	D(E)	B	D
LOT NO.	4235	4218	4211	4204

**LEGEND**  
 RR DENOTES ROAD RESERVE  
 PP DENOTES PRIVATE PROPERTY

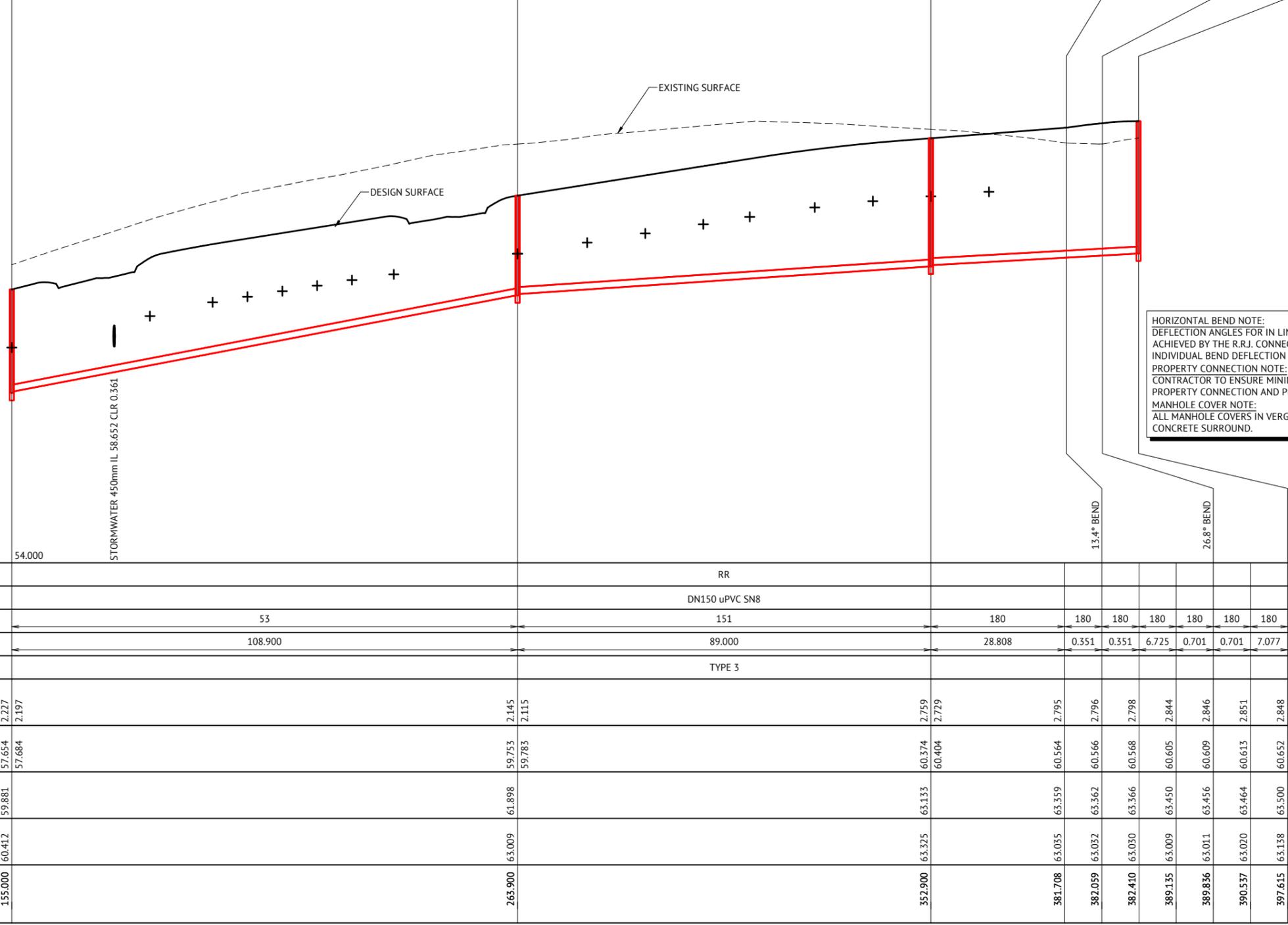
MANHOLE TYPES	
A	CONCRETE MANHOLE 1.05Ø
B	CONCRETE MANHOLE 1.20Ø
C	CONCRETE MANHOLE 1.50Ø
J	TYPE 'J' 1 MAINTENANCE SHAFT (DN300 SHAFT)
TE	TEMPORARY END
LRB	HORIZONTAL BEND (3m HORIZ. RADIUS)

LID TYPES	
B	CLASS B NON TRAFFICABLE CAST IRON
BD	CLASS B NON TRAFFICABLE BOLT DOWN
D	CLASS D TRAFFICABLE CAST IRON

MAINTENANCE STRUCTURE DROP TYPES	
V	FALL THROUGH MH
W	OBLIQUE 45° BACKDROP
X	INTERNAL DROP
Y	EXTERNAL DROP
VORT	INTERNAL VORTEX DROP
Z	MAINTENANCE SHAFT DROP

PROPERTY CONNECTION TYPES	
A	TYPE A - STD
B	TYPE B - SLOPE UP
D	TYPE D - VERTICAL
D(E)	TYPE D(E) - EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL. SEE C530 FOR DETAILS

- NOTES:**
- EMBEDMENT TYPE 3 SHALL USE CRUSHED ROCK NOMINAL 5-7mm (SINGLE SIZED).
  - DUCTILE IRON PIPES SHALL HAVE MIN. 1300 MICRON POLYURETHANE INTERNAL LINING.



**HORIZONTAL BEND NOTE:**  
 DEFLECTION ANGLES FOR IN LINE BENDS EXCEEDING 45° SHALL BE ACHIEVED BY THE R.R.J. CONNECTION OF TWO BENDS (MAXIMUM 45° INDIVIDUAL BEND DEFLECTION ANGLE).  
**PROPERTY CONNECTION NOTE:**  
 CONTRACTOR TO ENSURE MINIMUM CLEARANCE BETWEEN PROPOSED PROPERTY CONNECTION AND PROPOSED WATER MAIN IS ACHIEVED.  
**MANHOLE COVER NOTE:**  
 ALL MANHOLE COVERS IN VERGE WITHOUT FOOTPATH TO HAVE CONCRETE SURROUND.

DATUM RL	54.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	53, 151, 180, 180, 180, 180, 180, 180
LENGTH	108.900, 89.000, 28.808, 0.351, 0.351, 6.725, 0.701, 0.701, 7.077
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.227, 2.197, 2.145, 2.115, 2.759, 2.729, 2.795, 2.796, 2.798, 2.844, 2.846, 2.851, 2.848
INVERT LEVEL (IL)	57.654, 57.684, 59.753, 59.783, 60.574, 60.404, 60.564, 60.566, 60.568, 60.605, 60.609, 60.613, 60.652
FINISHED SURFACE LEVEL (FSL)	59.881, 61.898, 63.133, 63.359, 63.362, 63.366, 63.450, 63.456, 63.464, 63.500
EXISTING SURFACE LEVEL (ESL)	60.412, 63.009, 63.325, 63.055, 63.052, 63.050, 63.009, 63.011, 63.020, 63.138
CHAINAGE (CH)	155.000, 263.900, 352.900, 381.708, 382.059, 382.410, 389.135, 389.836, 390.537, 397.615

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

**Premise**  
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 LEVEL 11, 300 ADELAIDE STREET  
 BRISBANE, QLD 4000  
 PH: (07) 3253 2222  
 WEB: www.premise.com.au

DESIGNED  
KLYNT KIWANG  
 CHECKED  
ANDREW LANGDON  
 PROJECT MANAGER  
NICK SOMERVILLE  
 PROJECT DIRECTOR  
PATRICK BRADY  
 NPEQ 7112

SCALE  
 HORIZONTAL 1:500 (A1)  
 VERTICAL 1:50 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 3

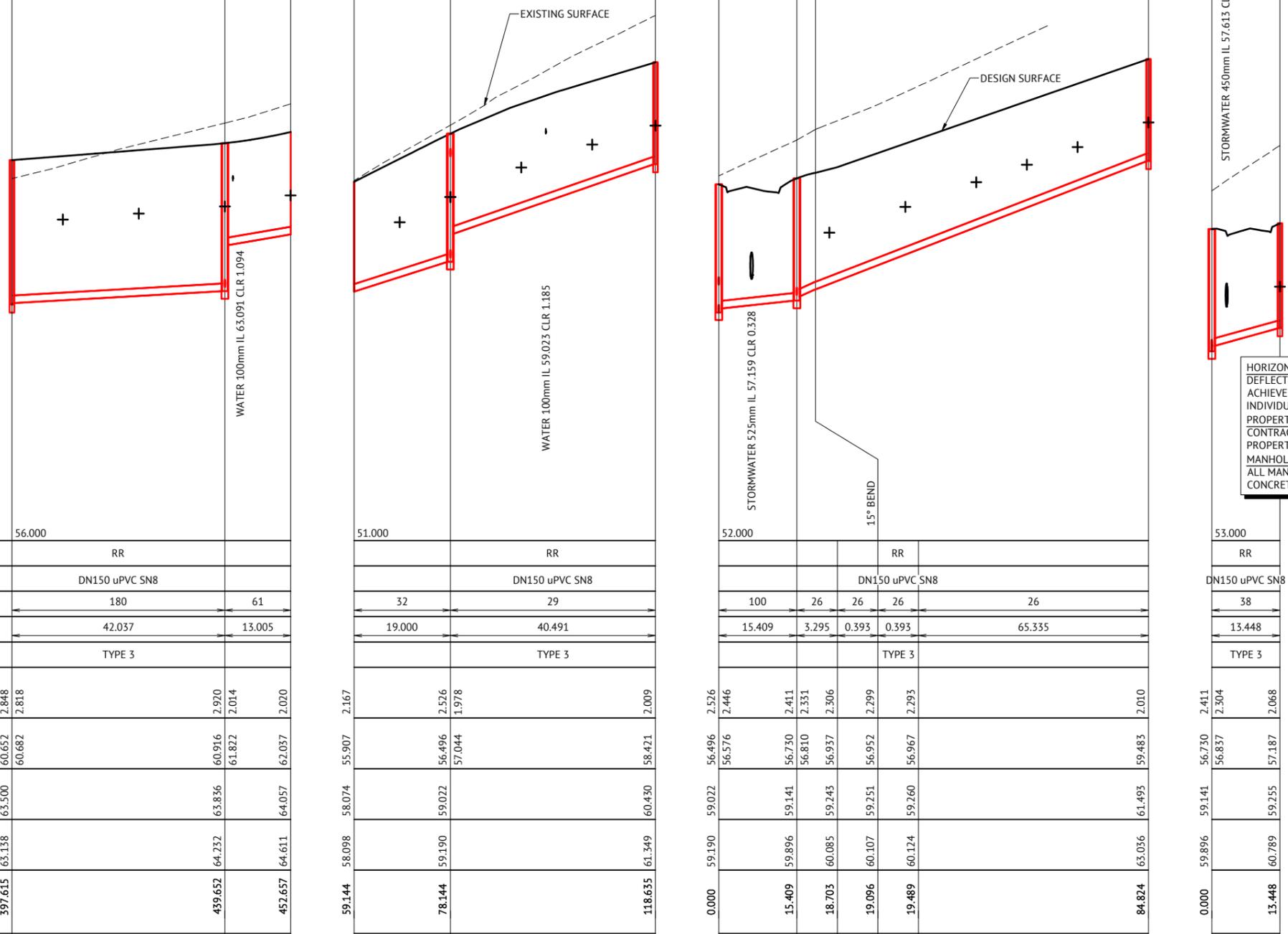
JOB CODE  
MIR-0803  
 SHEET NUMBER  
C522  
 REV  
B

MAINTENANCE HOLE / SHAFT NO.	7/24	8/24	E/24
MH / MS COVER TYPE	B	B	END
MH / MS TYPE	J	A	
MH DROP TYPE	V	V	X
LINE NO.	24	30	24
PROPERTY CONNECTION DEPTH		1.250	1.250
PROPERTY CONNECTION INVERT LEVEL	62.329	62.446	62.586
PROPERTY CONNECTION TYPE	D	D	B
LOT NO.	4202	4201	4200

TE1/27	3/27	4/27
TE	B	B
	A	J
	V	W
	28	27
	1.250	1.250
	57.276	57.772
	B	B
	4223	4222
	1.250	1.250
	58.356	58.807
	B	B
	4220	4219

3/27	1/28	HB1/28	2/28
B	B		B
A	A	LRB	J
V	V		
W	V		
28	27		
	1.250	1.250	1.250
	58.071	58.579	59.064
	B	B	B
	4187	4186	4185
	1.250	1.250	1.250
	59.411	59.758	60.243
	B	B	B
	4183	4182	

1/28	1/29
B	B
A	J
V	V
29	28
	1.250
	58.005
	B
	4188



**HORIZONTAL BEND NOTE:**  
DEFLECTION ANGLES FOR IN LINE BENDS EXCEEDING 45° SHALL BE ACHIEVED BY THE R.R.J. CONNECTION OF TWO BENDS (MAXIMUM 45° INDIVIDUAL BEND DEFLECTION ANGLE).

**PROPERTY CONNECTION NOTE:**  
CONTRACTOR TO ENSURE MINIMUM CLEARANCE BETWEEN PROPOSED PROPERTY CONNECTION AND PROPOSED WATER MAIN IS ACHIEVED.

**MANHOLE COVER NOTE:**  
ALL MANHOLE COVERS IN VERGE WITHOUT FOOTPATH TO HAVE CONCRETE SURROUND.

**LEGEND**  
RR DENOTES ROAD RESERVE  
PP DENOTES PRIVATE PROPERTY

MANHOLE TYPES	
A	CONCRETE MANHOLE 1.05Ø
B	CONCRETE MANHOLE 1.20Ø
C	CONCRETE MANHOLE 1.50Ø
J	TYPE 'J' 1 MAINTENANCE SHAFT (DN300 SHAFT)
TE	TEMPORARY END
LRB	HORIZONTAL BEND (3m HORIZ. RADIUS)

LID TYPES	
B	CLASS B NON TRAFFICABLE CAST IRON
BD	CLASS B NON TRAFFICABLE BOLT DOWN
D	CLASS D TRAFFICABLE CAST IRON

MAINTENANCE STRUCTURE DROP TYPES	
V	FALL THROUGH MH
W	OBLIQUE 45° BACKDROP
X	INTERNAL DROP
Y	EXTERNAL DROP
VORT	INTERNAL VORTEX DROP
Z	MAINTENANCE SHAFT DROP

PROPERTY CONNECTION TYPES	
A	TYPE A - STD
B	TYPE B - SLOPE UP
D	TYPE D - VERTICAL
D(E)	TYPE D(E) - EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL. SEE C530 FOR DETAILS

- NOTES:**
1. EMBEDMENT TYPE 3 SHALL USE CRUSHED ROCK NOMINAL 5-7mm (SINGLE SIZED).
  2. DUCTILE IRON PIPES SHALL HAVE MIN. 1300 MICRON POLYURETHANE INTERNAL LINING.

DATUM RL	56.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	180 61
LENGTH	42.037 13.005
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.848 2.818 2.970 2.014 2.020
INVERT LEVEL (IL)	60.652 60.682 60.916 61.822 62.037
FINISHED SURFACE LEVEL (FSL)	63.500 63.836 64.057
EXISTING SURFACE LEVEL (ESL)	63.138 64.232 64.611
CHAINAGE (CH)	397.615 439.652 452.657

DATUM RL	51.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	32 29
LENGTH	19.000 40.491
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.167 2.526 1.978 2.009
INVERT LEVEL (IL)	55.907 56.496 57.044 58.421
FINISHED SURFACE LEVEL (FSL)	58.074 59.022 59.243 60.430
EXISTING SURFACE LEVEL (ESL)	58.098 59.190 59.243 61.349
CHAINAGE (CH)	59.144 78.144 118.635

DATUM RL	52.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	100 26 26 26 26
LENGTH	15.409 3.295 0.393 0.393 65.335
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.526 2.446 2.411 2.351 2.306 2.299 2.293 2.010
INVERT LEVEL (IL)	56.496 56.576 56.730 56.810 56.937 56.952 56.967 59.483
FINISHED SURFACE LEVEL (FSL)	59.022 59.141 59.243 59.243 59.260 61.495
EXISTING SURFACE LEVEL (ESL)	59.190 59.896 60.085 60.107 60.124 63.036
CHAINAGE (CH)	0.000 15.409 18.703 19.096 19.489 84.824

DATUM RL	53.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	38
LENGTH	13.448
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.411 2.304 2.068
INVERT LEVEL (IL)	56.730 56.837 57.187
FINISHED SURFACE LEVEL (FSL)	59.141 59.255
EXISTING SURFACE LEVEL (ESL)	59.896 60.789
CHAINAGE (CH)	0.000 13.448

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	KK	PB
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

**Premise**  
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LEVEL 11, 300 ADELAIDE STREET  
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KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112

SCALE  
HORIZONTAL 1:500 (A1)  
VERTICAL 1:50 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
LOCATION  
TEVIOT ROAD, GREENBANK  
SHEET TITLE  
SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 4

JOB CODE  
MIR-0803  
SHEET NUMBER  
C523  
REV  
B

MAINTENANCE HOLE / SHAFT NO.	1/29	TE1/29
MH / MS COVER TYPE	B	
MH / MS TYPE	J	TE
MH DROP TYPE	V	
LINE NO.	29	29
PROPERTY CONNECTION DEPTH	1.250	
PROPERTY CONNECTION INVERT LEVEL	58.005	58.505 58.937 59.370 59.717 60.202
PROPERTY CONNECTION TYPE	B	B B B B B B
LOT NO.	4188	4189 4190 4191 4192 4193

8/24	1/30	HB1/30	HB2/30	2/30	TE1/30
B	B			B	
A	J	LRB	LRB	J	TE
V	X	V		V	
30	24	30		30	30

**LEGEND**  
 RR DENOTES ROAD RESERVE  
 PP DENOTES PRIVATE PROPERTY

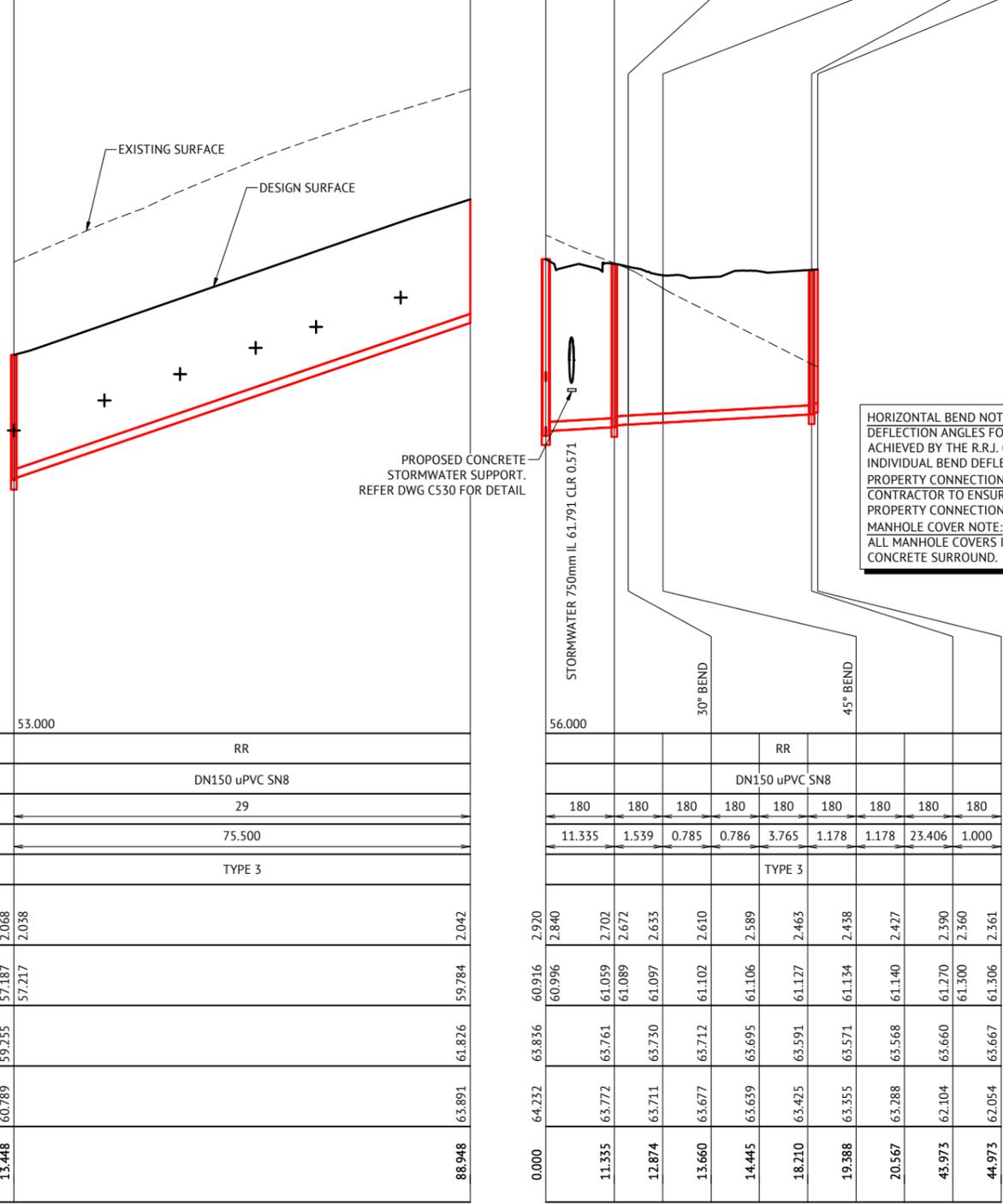
MANHOLE TYPES	
A	CONCRETE MANHOLE 1.05Ø
B	CONCRETE MANHOLE 1.20Ø
C	CONCRETE MANHOLE 1.50Ø
J	TYPE 'J' 1 MAINTENANCE SHAFT (DN300 SHAFT)
TE	TEMPORARY END
LRB	HORIZONTAL BEND (3m HORIZ. RADIUS)

LID TYPES	
B	CLASS B NON TRAFFICABLE CAST IRON
BD	CLASS B NON TRAFFICABLE BOLT DOWN
D	CLASS D TRAFFICABLE CAST IRON

MAINTENANCE STRUCTURE DROP TYPES	
V	FALL THROUGH MH
W	OBLIQUE 45° BACKDROP
X	INTERNAL DROP
Y	EXTERNAL DROP
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Z	MAINTENANCE SHAFT DROP

PROPERTY CONNECTION TYPES	
A	TYPE A - STD
B	TYPE B - SLOPE UP
D	TYPE D - VERTICAL
D(E)	TYPE D(E) - EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL. SEE C530 FOR DETAILS

**NOTES:**  
 1. EMBEDMENT TYPE 3 SHALL USE CRUSHED ROCK NOMINAL 5-7mm (SINGLE SIZED).  
 2. DUCTILE IRON PIPES SHALL HAVE MIN. 1300 MICRON POLYURETHANE INTERNAL LINING.



DATUM RL	53.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	29
LENGTH	75.500
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.068 2.038
INVERT LEVEL (IL)	57.187 57.217 59.784
FINISHED SURFACE LEVEL (FSL)	59.255 61.826
EXISTING SURFACE LEVEL (ESL)	60.789 63.891
CHAINAGE (CH)	13.448 88.948

DATUM RL	56.000
PROPERTY DESCRIPTION	RR
PIPE SIZE (mm), CLASS	DN150 uPVC SN8
GRADE (1 IN X)	30
LENGTH	11.335 1.539 0.785 0.786 3.765 1.178 1.178 23.406 1.000
EMBEDMENT TYPE	TYPE 3
DEPTH OF INVERT BELOW FSL	2.920 2.840 2.702 2.672 2.635 2.610 2.589 2.463 2.438 2.427 2.390 2.360 2.361
INVERT LEVEL (IL)	60.916 60.996 61.059 61.089 61.097 61.102 61.106 61.127 61.134 61.140 61.270 61.300 61.306
FINISHED SURFACE LEVEL (FSL)	63.836 63.761 63.730 63.712 63.695 63.591 63.571 63.568 63.660 63.667
EXISTING SURFACE LEVEL (ESL)	64.232 63.772 63.711 63.677 63.659 63.425 63.355 63.288 62.104 62.054
CHAINAGE (CH)	0.000 11.335 12.874 13.660 14.445 18.210 19.388 20.567 43.973 44.973

**HORIZONTAL BEND NOTE:**  
 DEFLECTION ANGLES FOR IN LINE BENDS EXCEEDING 45° SHALL BE ACHIEVED BY THE R.R. CONNECTION OF TWO BENDS (MAXIMUM 45° INDIVIDUAL BEND DEFLECTION ANGLE).  
**PROPERTY CONNECTION NOTE:**  
 CONTRACTOR TO ENSURE MINIMUM CLEARANCE BETWEEN PROPOSED PROPERTY CONNECTION AND PROPOSED WATER MAIN IS ACHIEVED.  
**MANHOLE COVER NOTE:**  
 ALL MANHOLE COVERS IN VERGE WITHOUT FOOTPATH TO HAVE CONCRETE SURROUND.

FOR CONSTRUCTION			
24/01/2025	B	REMOVED PROPERTY CONNECTION TO FUTURE PRECINCT 11 LOT	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
DATE	REV	DESCRIPTION	REC APP

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 RPEQ 7112

SCALE  
 HORIZONTAL 1:500 (A1)  
 VERTICAL 1:50 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
 MIRVAC QLD PTY LTD  
 PROJECT  
 EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
 TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
 SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 5

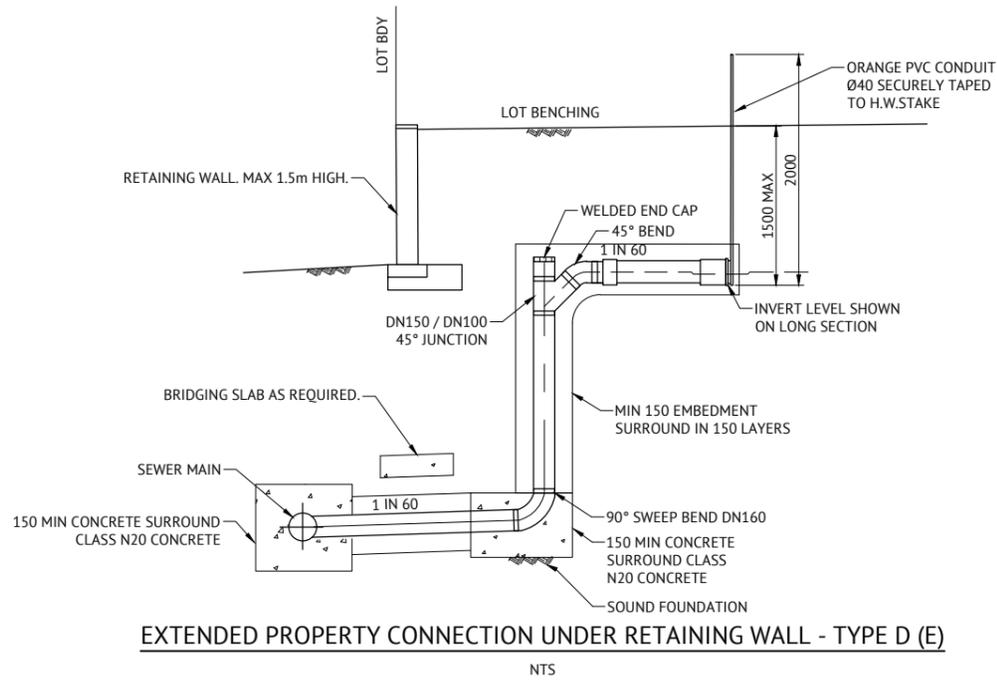
JOB CODE  
 MIR-0803  
 SHEET NUMBER  
 C524  
 REV  
 B

**LIVE SEWER WORKS**

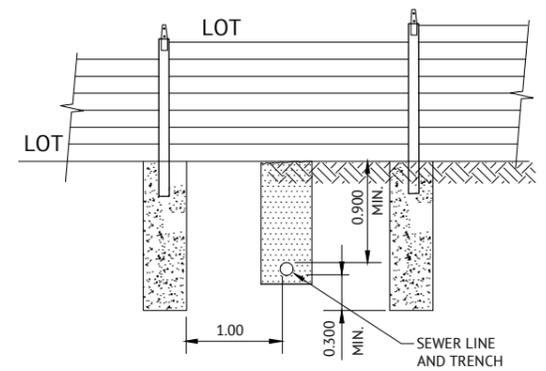
No.	DESCRIPTION	DIA. SEWER	MH NO.	MH TYPE	COVER TYPE	LOT NO.	F.S.L.	E.S.L.	I.L.	DEPTH
1(A)	0.5m FROM STUB END CAP TE1/29, CONSTRUCTOR TO LAY NEW LINE 29. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY AGENCY.	150	TE1/29	END	-	4194	61.826	63.891	59.784	2.042
1(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 29 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
2(A)	0.5m FROM STUB END CAP TE1/27, CONSTRUCTOR TO LAY NEW LINE 27. AFTER CLEANSING, TESTING AND INSPECTING.	150	TE1/27	END	-	4224	58.074	58.098	55.907	2.167
2(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 27 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
3(A)	0.5m FROM STUB END CAP TE1/23, CONSTRUCTOR TO LAY NEW LINE 23. AFTER CLEANSING, TESTING AND INSPECTING.	150	TE1/23	END	-	4229	56.564	55.238	54.564	2.000
3(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 23 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
4(A)	0.5m FROM STUB END CAP TE3/4, CONSTRUCTOR TO LAY NEW LINE 4. AFTER CLEANSING, TESTING AND INSPECTING.	150	TE3/4	END	-	4266	53.177	51.695	50.890	2.287
4(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 4 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
5(A)	0.5m FROM STUB END CAP TE2/21, CONSTRUCTOR TO LAY NEW LINE 21. AFTER CLEANSING, TESTING AND INSPECTING.	150	TE2/21	END	-	4488	53.342	51.842	51.273	2.069
5(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 21 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
6(A)	0.5m FROM STUB END CAP TE1/24, CONSTRUCTOR TO LAY NEW LINE 24. AFTER CLEANSING, TESTING AND INSPECTING.	150	TE1/24	END	-	4500	55.629	56.499	53.509	2.119
6(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 24 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									

LEVELS IN THE LIVE SEWER TABLE ARE DESIGN LEVELS. AS CONSTRUCTED INFORMATION TO BE ADDED WHEN AVAILABLE.

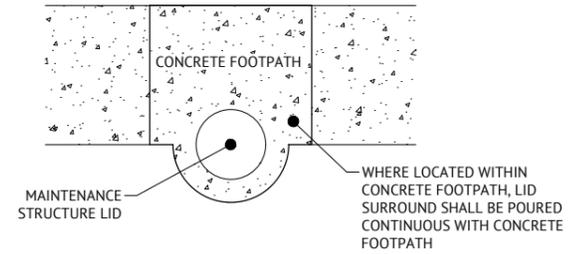
CONSULTING ENGINEERS ARE TO CONTACT PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR THIS WORK TO BE CARRIED OUT. (EXCAVATION, SAFE-SHORTING AND ASSOCIATED WORK BY CONTRACTOR). EXCAVATION WORKS CARRIED OUT BY CONTRACTORS AT DEPTH OF 1.5m OR GREATER MUST PROVIDE A "SAFE WORK PLAN" AS PER WORKPLACE HEALTH AND SAFETY LEGISLATION TO SEQ-SPS PRIOR TO COMMENCING ANY WORK. IT IS THE DEVELOPER'S RESPONSIBILITY TO ENSURE ALL LIVE SEWER WORKS ARE COMPLETE BEFORE ALLOWING PRIVATE DRAINAGE TO BE CONNECTED.



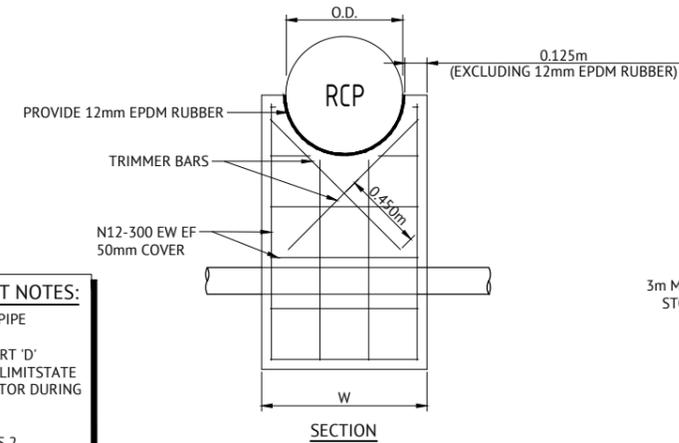
**EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL - TYPE D (E)**



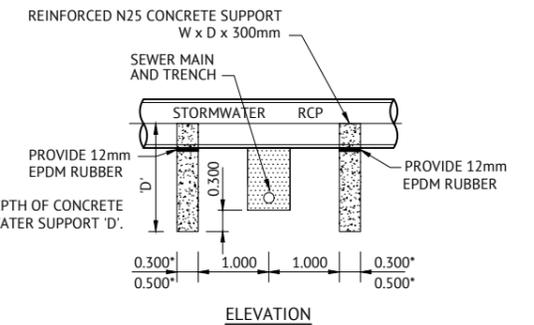
**SEWER LINE CROSSING CONCRETE SLEEPER RETAINING WALL BRIDGING SLAB DETAIL**



**TYPICAL MAINTENANCE STRUCTURE IN CONCRETE FOOTPATH DETAIL**



**CONCRETE STORMWATER SUPPORT TYPICAL DETAIL**

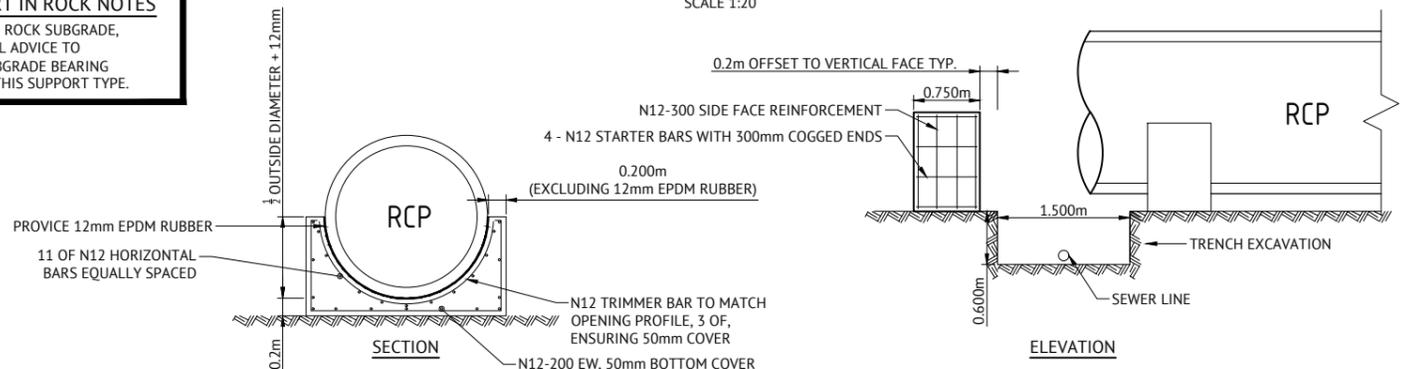


**GENERAL CONCRETE STORMWATER SUPPORT NOTES:**

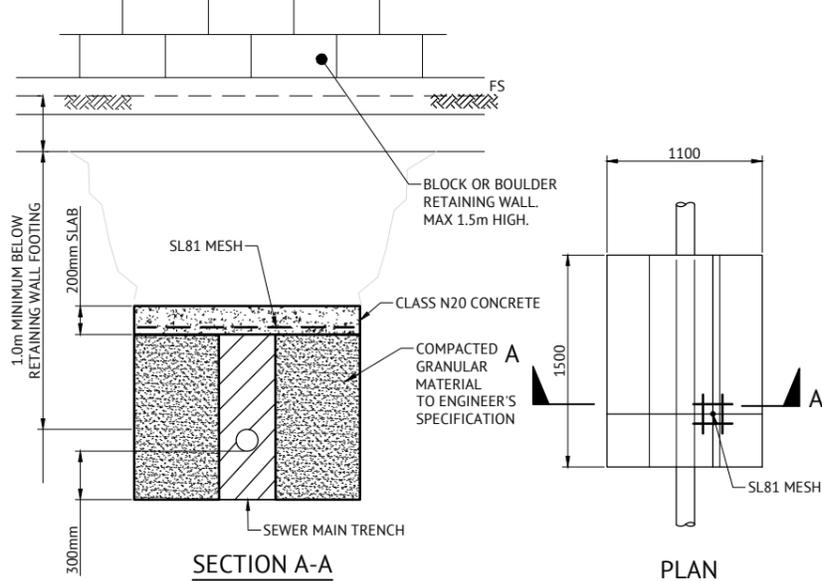
- SUPPORTS TO BE INSTALLED WHERE STORMWATER PIPE DIAMETER IS EQUAL TO OR GREATER THAN 600mm.
- 3m MAX DEPTH OF CONCRETE STORMWATER SUPPORT 'D'
- DESIGN BASED ON ACHIEVING 100kPa OF ULTIMATE LIMIT STATE BEARING CAPACITY. TO BE CONFIRMED BY CONTRACTOR DURING CONSTRUCTION.
- 0.300m\* WIDTH UP TO 1050 RCP CLASS 2
- 0.500m\* WIDTH BETWEEN 1050 AND 1800 RCP CLASS 2

**CONCRETE STORMWATER SUPPORT IN ROCK NOTES**

WHERE BRIDGING STRUCTURE IS LOCATED IN ROCK SUBGRADE, CONTRACTOR SHALL PROVIDE GEOTECHNICAL ADVICE TO SUPERINTENDENT ADVISING IF SUITABLE SUBGRADE BEARING CAPACITY CAN BE ACHIEVED TO FACILITATE THIS SUPPORT TYPE.



**CONCRETE STORMWATER SUPPORT IN ROCK SUBGRADE DETAIL**



**SERVICE LINE CROSSING BOULDER OR BLOCK RETAINING WALL BRIDGING SLAB DETAIL**

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB

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 PROJECT MANAGER  
**NICK SOMERVILLE**  
 PROJECT DIRECTOR  
**PATRICK BRADY**  
 RPEQ 7112

SCALE  
 NTS  
 ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
 PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
 LOCATION  
**TEVIOT ROAD, GREENBANK**  
 SHEET TITLE  
**SEWERAGE NOTES AND DETAILS**

JOB CODE  
**MIR-0803**  
 SHEET NUMBER  
**C530**  
 REV  
**B**

STRUCTURAL DETAILS APPROVED DATE  
 5/02/2025  
 Chris Kleinhaus RPEQ 21367

# EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT

## TEVIOT ROAD, GREENBANK

### FOR MIRVAC QLD PTY LTD

## WATER RETICULATION



### LOCALITY PLAN

#### REAL PROPERTY DESCRIPTION

LOT 205 & 434 on RP845844  
 LOT 9 on S312355

### SHEET LIST TABLE

SHEET NO.	SHEET TITLE
C600	WATER RETICULATION LOCALITY PLAN & NOTES
C610	WATER RETICULATION LAYOUT PLAN - SHEET 1
C611	WATER RETICULATION LAYOUT PLAN - SHEET 2
C620	WATER LIVE CONNECTION AND TYPICAL DETAILS

### GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND WATER SUPPLY CODE SPECIFICATIONS AND STANDARDS.
- UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
- ADOPT LIP OF KERB OR SHOULDER OF ROAD AS PERMANENT LEVEL.
- COVER OF MAIN FROM PERMANENT LEVEL TO BE AS SHOWN IN SEQ-WAT-1200-2.
- CONDUITS TO BE INSTALLED IN ACCORDANCE WITH THE STANDARD DRAWINGS.
- ALL MATERIALS USED IN THE WORKS SHALL COMPLY WITH SEQ-SP'S ACCEPTED PRODUCTS AND MATERIALS LIST OR BE APPROPRIATELY SHOWN, LISTED AND DEFINED IN THE ENGINEERING SUBMISSION SO THAT THE ALTERNATIVE PRODUCT OR MATERIAL CAN BE ASSESSED AND IF APPROPRIATE, APPROVED BY SEQ-SP'S
- ALL CONCRETE FOOTPATHS TO BE CLEAR OF WATER MAINS, WHERE POSSIBLE
- CONSTRUCTION OF THE WATER RETICULATION WORK SHOWN ON THIS DRAWING MUST BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT TO THE RETICULATION SYSTEM.
- ALL WATER CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORKPLACE HEALTH & SAFETY FOR INFORMATION. PHONE: 1300 362 128.
- CONSTRUCT THRUST BLOCKS ON ALL BENDS, TEES, TAPERS AND DEAD ENDS IN ACCORDANCE WITH SEQ-WAT-1205-1, AND SEQ-WAT-1206-1.
- CONSTRUCT TRENCHES IN ACCORDANCE WITH SEQ-WAT-1200-2, PIPE EMBEDMENT TO SEQ-WAT-1201-1 (TYPE C SUPPORT) AND ROAD CROSSINGS TO SEQ-WAT-1204-1 AND LCC STANDARDS.
- INSTALL SCOURS IN ACCORDANCE WITH SEQ-WAT-1307-3.
- INSTALL DETECTABLE MARKER TAPE ON ALL WATER MAINS AND PROPERTY SERVICES.
- INSTALL HYDRANTS IN ACCORDANCE WITH SEQ-WAT-1302-1, SEQ-WAT-1303-1
- INSTALL PAVEMENT MARKERS IN ACCORDANCE WITH SEQ-WAT-1300-1 & 2.
- WATER SERVICE CONNECTIONS INCLUSIVE OF WATER METER BOXES ARE TO BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWINGS SEQ-WAT-1110-1 & SEQ-WAT-1110-2 AND OTHER RELEVANT STANDARD DRAWINGS FROM SEQ DESIGN AND CONSTRUCTION CODE.
- TERMINATE ALL WATER SERVICES AFTER INSTALLATION OF THE BALL VALVE (PRIOR TO THE WATER METER). THE APPLICANT IS NOT REQUIRED TO MAKE AN APPLICATION TO COUNCIL FOR THE PROVISION OF A WATER METER AT THIS TIME.
- THE POLYETHYLENE SERVICE LINE MUST COMPLY WITH AS/NZ4130 SERIES 1 DN20 PN16.
- TAPPING BANDS MUST BE USED WHEN PROVIDING CONNECTION, UNLESS OTHERWISE APPROVED BY COUNCIL.
- PROPERTY SERVICES WITHIN ANY FOOTWAY SHALL BE POSITIONED AT 90+/-5 DEGREES TO THE WATER MAIN OR KERB. WHERE REQUIRED TO CROSS THE ROAD CARRIAGEWAY, PROPERTY SERVICES SHALL BE LOCATED WITHIN THE SERVICE DUCTS (CONDUITS) POSITIONED AT 90+/-5 DEGREES TO THE ROAD CARRIAGEWAY OR FROM SIDE BOUNDARY TO SIDE BOUNDARY AND EXTENDING BEHIND EACH KERB IN ACCORDANCE WITH CLAUSE 5.11.3 OF THE SOUTH EAST

- QUEENSLAND WATER SUPPLY AND SEWERAGE DESIGN AND CONSTRUCTION CODE. THE CONDUIT SHALL HAVE A MAXIMUM LENGTH OF 25m AND EXTEND 300mm BEYOND THE BACK OF THE KERB OR CONCRETE/PAVED AREA.
- WHERE PRACTICABLE, PROPERTY SERVICE CONNECTION POINTS MUST BE LOCATED 300mm FROM THE RESIDENTIAL PROPERTY SIDE BOUNDARY ON THE OPPOSITE SIDE OF THE ALLOTMENT TO THE ELECTRICAL SERVICE PILLAR-BOX. SERVICES MUST BE LOCATED AT LEAST 1.0m FROM ALL ELECTRICAL SOURCES AND CLEAR OF EXISTING OR FUTURE DRIVEWAYS. PROPERTY SERVICES LAID PARALLEL TO THE FOOTPATH AND/OR PROPERTY BOUNDARY ARE NOT PERMITTED (SEQ CODE CLAUSE 5.11.5). TERMINATE ALL WATER SERVICES AFTER INSTALLATION OF THE BALL VALVE (PRIOR TO THE WATER METER)

### VEGETATION PROTECTION

- TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
- WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
- TREE ROOTS SHALL BE TUNNELLED UNDER, RATHER THAN SEVERED, IF ROOTS ARE SEVERED THE DAMAGED AREA SHALL BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT RELEVANT COUNCIL ARBORIST FOR FURTHER ADVICE.
- ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST.

### SOIL

- TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY.
- CARE SHALL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.

### CREEK CROSSINGS

- SILTATION CONTROL MEASURES SHALL BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.
- APPROPRIATE SEDIMENT CONTROLS SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.
- NO SOIL SHALL BE STOCKPILED WITHIN 5m OF THE CREEK.

### REHABILITATION

- PRE-DISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.
- PRE-DISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED, ALL DISTURBED AREAS ASSOCIATED WITH CONSTRUCTION SHALL BE REHABILITATED, HEAVILY COMPACTED AREAS SHOULD BE RIPPED PRIOR TO TREATMENT.
- ALL DISTURBED AREAS ARE TO BE LEFT IN STABLE CONDITION.
- ALL PLANTING/RE-VEGETATION WILL NEED TO BE MAINTAINED THROUGHOUT THE MAINTENANCE PERIOD.

### CONSTRUCTION REQUIREMENTS

- LIVE WATER CONNECTIONS TO BE CARRIED OUT BY LOGAN WATER AS PER THE LIVE CONNECTION REQUEST UNLESS AGREED OTHERWISE WITH LOGAN WATER.
- PRIOR TO ANY EXCAVATION, CONTRACTOR IS TO LOCATE ACTUAL POSITIONS OF PUBLIC SERVICE UTILITIES BY POT HOLES.
- UPON COMPLETION OF ALL WORKS, CONTRACTORS SHALL SUPPLY THE SUPERVISING RPEQ DETAILED "AS CONSTRUCTED" INFORMATION OF THE WORK. "AS CONSTRUCTED" INFORMATION SHALL COMPLY WITH CURRENT SEQ CODE OR LOCAL AUTHORITY STANDARDS FOR PLAN AND DIGITAL INFORMATION.
- CONTRACTOR IS TO BE RESPONSIBLE FOR ARRANGING ALL LOGAN WATER CONNECTIONS AND PAYMENTS OF CONNECTION FEES.

### TRENCH SPOIL NOTE:

SPOILAGE OF EXCESS MATERIAL TO BE PLACED IN FUTURE FILL AREA AS NOMINATED BY THE SUPERINTENDENT INCLUDING ALL LEVEL ONE COMPACTION REQUIREMENTS AND TESTING IN ACCORDANCE WITH MORRISON GEOTECHNICAL SPECIFICATION AND ALL LOCAL AUTHORITY STANDARDS, AND SHALL BE FREE DRAINING.

### EXCAVATION IN ROCK NOTE:

CONTRACT SHALL INCLUDE TREATING, SIZING CONDITIONING AND PROCESSING ALL TYPES OF ROCK IN ALL EXCAVATIONS. PROCESSING TO BE COMPLETED AS PER MORRISON GEOTECHNICAL REPORTS TO ENSURE LEVEL 1 IS ACHIEVED.

### INDEMNITY - EXISTING SERVICES

NOT WITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.

### RPEQ CERTIFICATION

THE CONSTRUCTION OF THE WATER RETICULATION WORK SHOWN ON THIS DRAWING MUST BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO LOGAN WATER RETICULATION SYSTEM. ALL RPEQ CERTIFIED DRAWINGS COMPLY WITH SEQ CODE AND LOGAN WATER REQUIREMENTS.

### INSPECTION REQUIREMENTS

PRIOR TO COMMENCEMENT OF WORKS, CONTACT PREMISE (07) 3253 2222 AND LOGAN WATER TO CONFIRM INSPECTION REQUIREMENTS INCLUDING LIVE CONNECTIONS.

A MINIMUM 48 HOURS NOTICE IS REQUIRED.

INSPECTIONS ARE REQUIRED TO BE ORGANIZED WITH PREMISE AND LOGAN WATER. ANY COSTS ASSOCIATED WITH ENGAGING LOGAN WATER TO UNDERTAKE INSPECTIONS OUTSIDE OF THE FEE PAID SHALL BE BORNE BY THE CONTRACTOR.

ALL ENVIRONMENT PROTECTION MEASURES SHALL BE IMPLEMENTED PRIOR TO COMMENCING ANY CONSTRUCTION WORK, INCLUDING CLEARING.

ALL WATER CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORKPLACE HEALTH & SAFETY FOR INFORMATION. PHONE: 1300 362 128

### SEQ CODE STD DRAWING SCHEDULE

SOIL CLASSIFICATION	SEQ-WAT-1200-1
EMBEDMENT AND TRENCH FILL	SEQ-WAT-1200-2
THRUST BLOCK DETAILS	SEQ-WAT-1205-1
VALVE THRUST BLOCKS	SEQ-WAT-1206-1
IDENTIFICATION MARKERS	SEQ-WAT-1300-1,2



### FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB



**BRISBANE OFFICE**  
 LEVEL 11, 300 ADELAIDE STREET  
 BRISBANE, QLD 4000  
 PH: (07) 3253 2222  
 WEB: www.premise.com.au

DESIGNED  
**KLYNT KIWANG**  
 CHECKED  
**ANDREW LANGDON**  
 PROJECT MANAGER  
**NICK SOMERVILLE**  
 PROJECT DIRECTOR  
  
**PATRICK BRADY** RPEQ 7112

SCALE  
  
 SCALE 1:7500 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
 PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
 LOCATION  
**TEVIOT ROAD, GREENBANK**  
 SHEET TITLE  
**WATER RETICULATION LOCALITY PLAN & NOTES**

JOB CODE  
**MIR-0803**  
 SHEET NUMBER  
**C600**  
 REV  
**B**

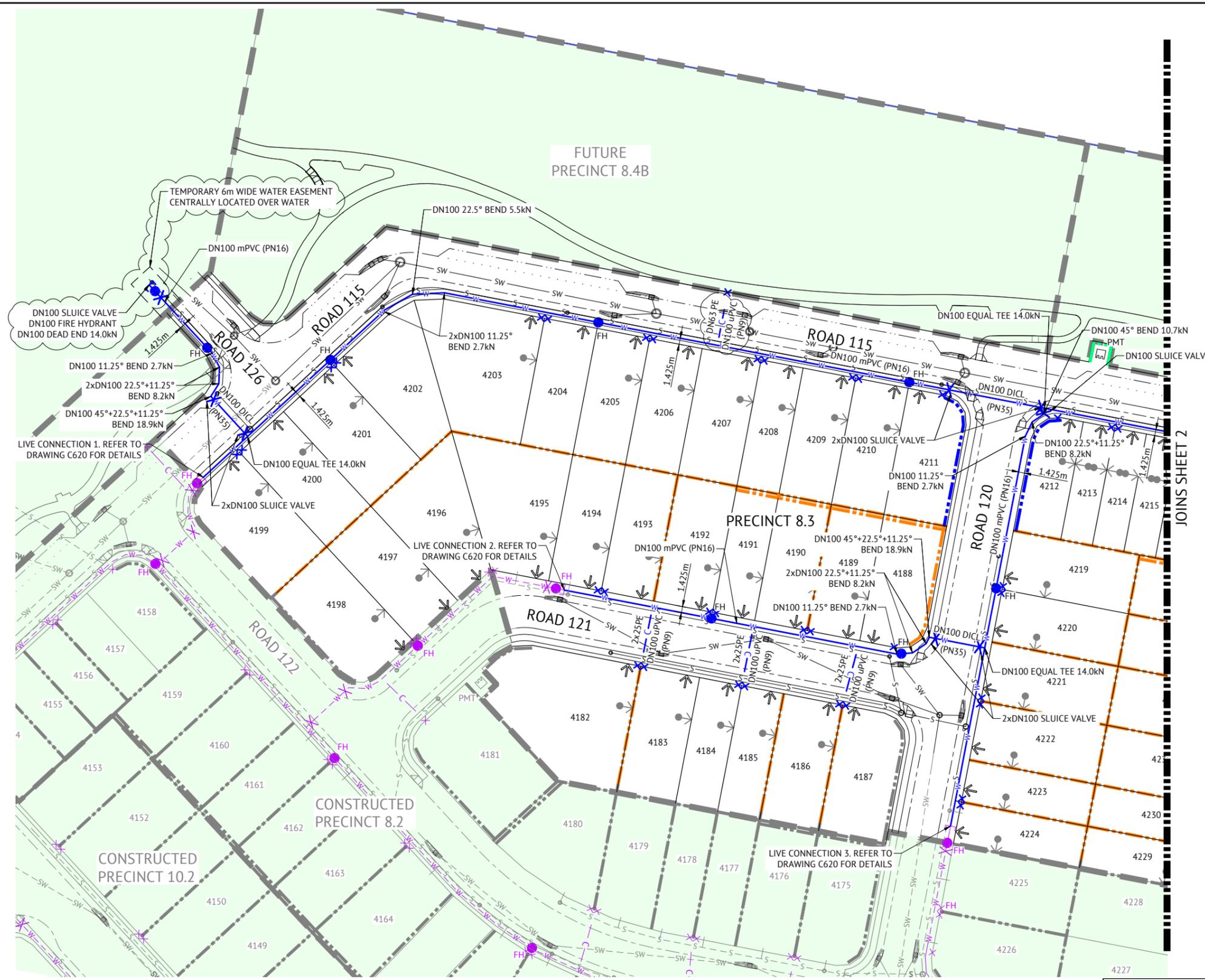


### LEGEND - PROPOSED

- POTABLE WATERMAIN
- POTABLE WATER RETICULATION SERVICE WITHIN DN100 uPVC (PN9) CONDUIT
- WATER SERVICES & WATER METER BOX POINT. METER BY OTHERS
- SLUICE VALVE
- FIRE HYDRANT
- TEST POINT
- DEAD END
- DEFLECTION**
- TRUNCATIONS 5 DEGREES OR LESS
- LOT NUMBER
- STORMWATER
- GRAVITY SEWER
- ZERO LOT BOUNDARY
- PREFERRED DRIVEWAY LOCATION (BY OTHERS)
- SITE BOUNDARY
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED MASONRY WALL TO ENERGEX STANDARDS
- PROPOSED CONCRETE FOOTPATH & KERB RAMP
- PADMOUNT TRANSFORMER

### LEGEND - CONSTRUCTED

- WATER
- SLUICE VALVE
- FIRE HYDRANT
- TEST POINT
- DEAD END
- WATER METER
- STORMWATER
- GRAVITY SEWER
- SEWER RISING MAIN
- PADMOUNT TRANSFORMER



**LAYOUT PLAN**  
SCALE 1:500

**INDEMNITY - EXISTING SERVICES**  
NOT WITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.

AS CONSTRUCTED DETAILS FOR AMEND.  
I CERTIFY THAT THE "AS CONSTRUCTED" DETAILS SHOWN ON THIS PLAN ARE TRUE AND ACCURATE RECORD OF THE WORKS  
SIGNED: \_\_\_\_\_  
NAME OF SIGNATORY: \_\_\_\_\_  
RPEQ No. or LICENCE: \_\_\_\_\_

FOR WATER RETICULATION NOTES, REFER DWG No. C600

FOR CONSTRUCTION			
DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	UPDATED WATER MAIN EXTENT	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

**Premise**  
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DESIGNED  
KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112

SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**WATER RETICULATION LAYOUT PLAN - SHEET 1**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C610**  
REV  
**B**



- LEGEND - PROPOSED**
- POTABLE WATERMAIN
  - POTABLE WATER RETICULATION SERVICE WITHIN DN100 uPVC (PN9) CONDUIT
  - WATER SERVICES & WATER METER BOX POINT. METER BY OTHERS
  - SLUICE VALVE
  - FIRE HYDRANT
  - TEST POINT
  - DEAD END

- DEFLECTION**
- TRUNCATIONS 5 DEGREES OR LESS
  - LOT NUMBER
  - STORMWATER
  - GRAVITY SEWER
  - ZERO LOT BOUNDARY
  - PREFERRED DRIVEWAY LOCATION (BY OTHERS)
  - SITE BOUNDARY
  - PROPOSED CONCRETE SLEEPER RETAINING WALL
  - PROPOSED CONCRETE PANEL RETAINING WALL
  - PROPOSED MASONRY WALL TO ENERGEX STANDARDS
  - PROPOSED CONCRETE FOOTPATH & KERB RAMP
  - PADMOUNT TRANSFORMER

- LEGEND - CONSTRUCTED**
- WATER
  - SLUICE VALVE
  - FIRE HYDRANT
  - TEST POINT
  - DEAD END
  - WATER METER
  - STORMWATER
  - GRAVITY SEWER
  - SEWER RISING MAIN
  - PADMOUNT TRANSFORMER

**LAYOUT PLAN**  
SCALE 1:500

**INDEMNITY - EXISTING SERVICES**  
NOT WITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.

AS CONSTRUCTED DETAILS FOR AMEND.  
I CERTIFY THAT THE "AS CONSTRUCTED" DETAILS SHOWN ON THIS PLAN ARE TRUE AND ACCURATE RECORD OF THE WORKS  
SIGNED \_\_\_\_\_  
NAME OF SIGNATORY \_\_\_\_\_  
RPEQ No. or LICENCE \_\_\_\_\_

FOR WATER RETICULATION NOTES, REFER DWG No. C600

FOR CONSTRUCTION			
DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	UPDATED WATER SERVICE PIPE SIZE	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
			REC APP

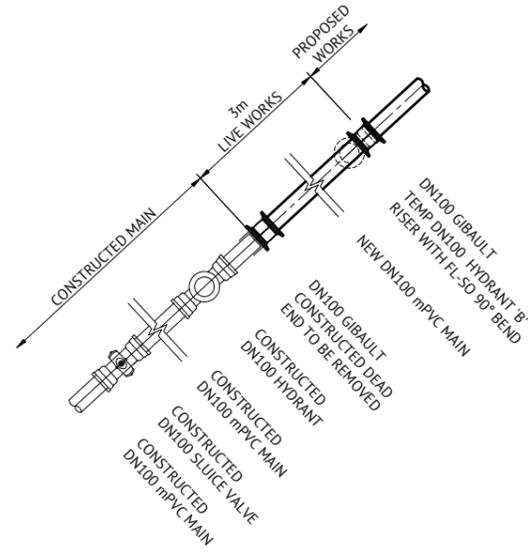
**Premise**  
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BRISBANE, QLD 4000  
PH: (07) 3253 2222  
WEB: www.premise.com.au

DESIGNED  
KLYNT KIWANG  
CHECKED  
ANDREW LANGDON  
PROJECT MANAGER  
NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112

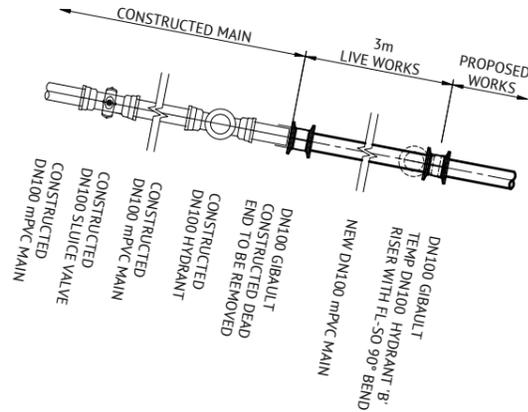
SCALE  
0 10 20 30m  
SCALE 1:500 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**WATER RETICULATION LAYOUT PLAN- SHEET 2**

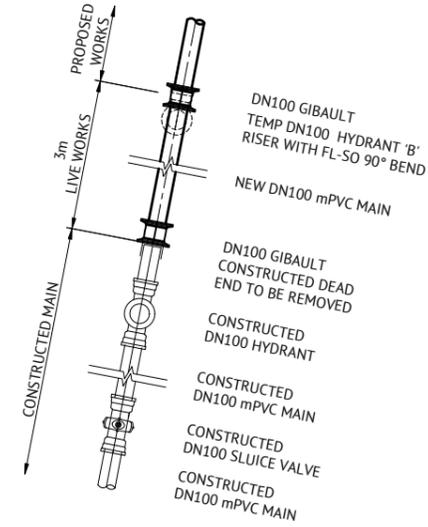
JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C611**  
REV  
**B**



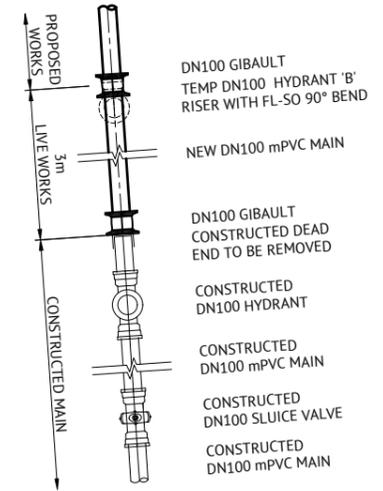
LIVE CONNECTION 1 DETAIL  
SCALE 1:25



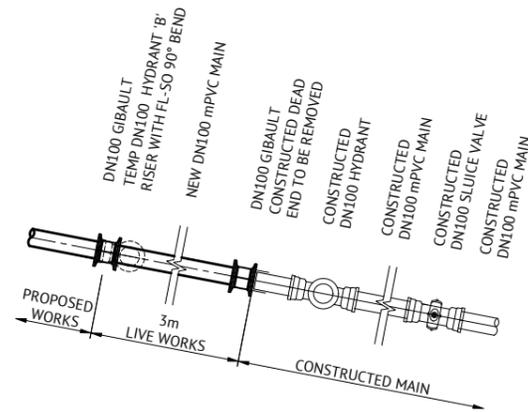
LIVE CONNECTION 2 DETAIL  
SCALE 1:25



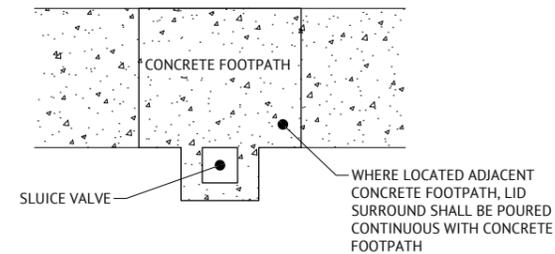
LIVE CONNECTION 3 & 4 DETAIL  
SCALE 1:25



LIVE CONNECTION 5 DETAIL  
SCALE 1:25



LIVE CONNECTION 6 DETAIL  
SCALE 1:25



TYPICAL SLUICE VALVE ADJACENT  
CONCRETE FOOTPATH DETAIL

NTS

LIVE CONNECTION NOTES:

1. LIVE CONNECTIONS BY LOGAN WATER
2. LIVE CONNECTION IN ACCORDANCE WITH SEQ-WAT-1303-1
3. THRUST BLOCKS NOT SHOWN FOR CLARITY.
4. PRE-CHLORINATION FITTINGS AS REQUIRED.

AS CONSTRUCTED DETAILS FOR AMEND.

I CERTIFY THAT THE "AS CONSTRUCTED" DETAILS SHOWN ON THIS PLAN ARE TRUE AND ACCURATE RECORD OF THE WORKS

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NAME of SIGNATORY: \_\_\_\_\_  
 RPEQ No. or LICENCE: \_\_\_\_\_  
 COMPANY NAME: \_\_\_\_\_  
 START DATE: \_\_\_\_\_

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
28/05/2024	A	ISSUED FOR APPROVAL	KK	PB

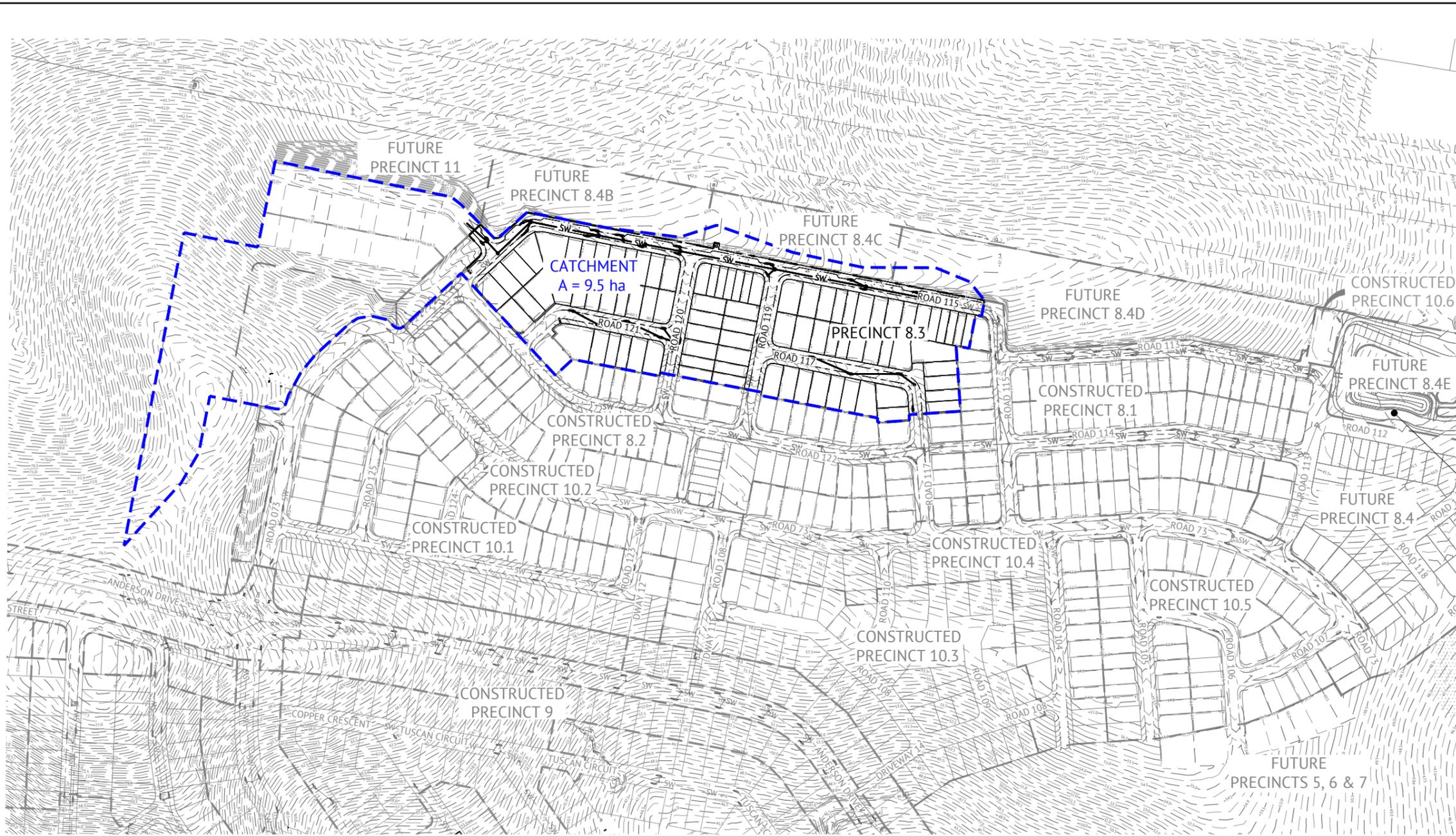
**Premise**  
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DESIGNED  
KLYNT KIWANG  
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ANDREW LANGDON  
 PROJECT MANAGER  
NICK SOMERVILLE  
 PROJECT DIRECTOR  
 PATRICK BRADY  
 KPEQ 7112

SCALE  
 0 10 20 30m  
 SCALE 1:500 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
MIRVAC QLD PTY LTD  
 PROJECT  
EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT  
 LOCATION  
TEVIOT ROAD, GREENBANK  
 SHEET TITLE  
WATER LIVE CONNECTION AND TYPICAL DETAILS

JOB CODE  
MIR-0803  
 SHEET NUMBER  
C620  
 REV  
B



- LEGEND - PROPOSED**
- 12.0 — FINISHED CONTOURS AND LABELS
  - SW — STORMWATER
  - — CATCHMENT BOUNDARY (POST-DEVELOPED)
  - — PRECINCT BOUNDARY
  - — PRECINCT BOUNDARY (FUTURE/EXISTING)
  - CATCHMENT A  
4.13ha CATCHMENT NAME AND AREA
- LEGEND - CONSTRUCTED**
- SW — STORMWATER

EXISTING HES BASIN B. REFER TO BEW P8/10 FOR DETAILS.

**NOTE:**  
FOR CLEARING AND GRUBBING ESC DETAILS REFER TO DRAWING SET MIR-1010.

EROSION RISK RATING												
BASED ON AVERAGE MONTHLY RAINFALL (SOURCE TABLE 4.4.2 IECA 2008)												
MONTHLY DATA	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
MEAN RAINFALL	134.9	152.2	128.3	77.5	71.7	65.8	46.7	35.9	34.3	78.9	97.8	125.7
EROSION RISK	HIGH	HIGH	HIGH	MODERATE	MODERATE	MODERATE	MODERATE	LOW	LOW	MODERATE	MODERATE	HIGH
	VERY LOW RISK: 0 TO 30mm											
	LOW RISK: 30+ TO 45mm											
	MODERATE RISK: 45+ TO 100mm											
	HIGH RISK: 100+ TO 225mm											
	EXTREME RISK: >225mm											

**CATCHMENT RISK ASSESSMENT - ANNUAL SOIL LOSS**

CATCHMENT ID	AREA (HA)	R	K	SLOPE LENGTH (m)	SLOPE (%)	LS	P	C	A (t/ha/yr)	A (t/yr)	CONTROL
CATCHMENT A	9.49	2627	0.050	80	4.0	0.91	1.3	1.00	155	1,475	TYPE 1

**EROSION RISK RATING**

APPLICABLE MONTH	EROSION RISK RATING	ADVANCE LAND CLEARING ALLOWED (WEEKS WORK)	MAX DAYS TO STABILISATION	STAGED CONSTRUCTION AND STABILISATION OF EARTH BATTERS > 6H : 1V	STOCKPILES STABILISED
	VERY LOW	8	30 (60%)		
AUG. SEPT.	LOW	8	30 (70%)		
APR. MAY. JUN. JUL. OCT. NOV.	MODERATE	6	20 (70%)	X	
JAN. FEB. MAR. DEC	HIGH	4	10 (75%)	X	X
	EXTREME	2	10 (80%)	X	X

I CERTIFY THAT THIS EROSION AND SEDIMENT CONTROL DRAWING HAS BEEN DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL EROSION CONTROL ASSOCIATION GUIDELINES.  
T. CLARK (CPESC #6089)

**NOTE:**  
FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

**FOR CONSTRUCTION**

DATE	REV	DESCRIPTION	REVISIONS
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB

**Premise**  
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NICK SOMERVILLE  
PROJECT DIRECTOR  
PATRICK BRADY  
RPEQ 7112

SCALE  
0 40 80 120m  
SCALE 1:2000 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**  
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**  
LOCATION  
**TEVIOT ROAD, GREENBANK**  
SHEET TITLE  
**OVERALL EROSION & SEDIMENT CONTROL KEY PLAN**

JOB CODE  
**MIR-0803**  
SHEET NUMBER  
**C700**  
REV  
**B**



- LEGEND - PROPOSED**
- NO CHANGES TO BULK EARTHWORKS WITHIN PRECINCT BOUNDARY
  - EXTENT OF CUT
  - EXTENT OF FILL
  - FLOW DIRECTION OR RUNOFF
  - CONCRETE SLEEPER RETAINING WALL
  - CONCRETE PANEL RETAINING WALL
  - MASONRY WALL TO ENERGEX STANDARDS
  - MULCH BUND OR EARTH BUND
  - FINISHED CONTOURS AND LABELS
  - STORMWATER
  - PRECINCT BOUNDARY
  - PRECINCT BOUNDARY (FUTURE/EXISTING)
- LEGEND - CONSTRUCTED**
- DIVERSION DRAIN
  - STORMWATER

**NOTE:**  
FOR CLEARING AND GRUBBING ESC DETAILS REFER TO DRAWING SET MIR-1010.

**INSTALLATION SEQUENCE EARTHWORKS**

- STEP 1**  
PERFORM EARTHWORKS ON LEADS CUT TO FILL ON SITE IN ACCORDANCE WITH THE CIVIL EARTHWORKS DRAWINGS.
- STEP 2**  
ONCE FINAL CUT AND FILL BATTER LEVELS HAVE BEEN ACHIEVED, REMOVE REQUIRED TOPSOIL FROM STOCKPILED AREAS AND PLACE ON BATTERS AND OTHER DISTURBED AREAS AS DIRECTED BY THE SITE SUPERINTENDENT.
- STEP 3**  
AS SOON AS POSSIBLE AFTER TOPSOIL HAS BEEN PLACED ON BATTERS AND OTHER DISTURBED AREAS, THESE AREAS SHOULD BE STABILISED PER FINAL DESIGN TREATMENT (REFER DRAWING C702) WITHIN TIMEFRAMES PER 'MAX DAYS TO STABILISATION' BASED ON EROSION RISK (REFER DRAWING C700). IF A RAINFALL EVENT IS FORECAST WHICH IS LIKELY TO CAUSE RUNOFF PRIOR TO DISTURBED OR EXPOSED AREAS BEING STABILISED, A COMBINATION OF MULCH, BINDER OR BIDUM IS TO BE USED TO COVER EXPOSED AREAS. INSTALLATION OF TEMPORARY EROSION CONTROL TO ACTIVE OR INACTIVE WORK AREAS, PRIOR TO RAINFALL EVENTS UNTIL FINAL DESIGN TREATMENT (STABILISATION PER DRAWING C701) IS CRITICAL FOR CATCHMENTS WHICH DO NOT DRAIN TO TYPE 1 CONTROLS.
- STEP 4**  
ALL SEDIMENT AND EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND BE MONITORED UNTIL CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. ADDITIONAL EROSION CONTROLS ARE TO BE ERECTED AS REQUIRED BY THE SUPERINTENDENT.

- NOTES**
1. REFER EROSION AND SEDIMENT CONTROL NOTES AND DETAILS DRAWINGS.
  2. ALL FOOTPATHS RELEVANT TO PROPOSED SUB-PRECINCT ARE TO BE FULLY TURFED AS SOON AS PRACTICAL.
  3. ALL CLEAN AND DIRTY WATER CATCH DRAINS ARE TO HAVE ROCK CHECK DAMS PLACED IN ACCORDANCE WITH IECA STD DWG RCD-01.
  4. CONTRACTOR TO ENSURE STORMWATER DRAINAGE IS COVERED AT ALL TIMES DURING EARTHWORKS PHASE.

I CERTIFY THAT THIS EROSION AND SEDIMENT CONTROL DRAWING HAS BEEN DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL EROSION CONTROL ASSOCIATION GUIDELINES.

T. CLARK (CPESC #6089) *T. Clark*

**NOTE:**  
FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

<b>FOR CONSTRUCTION</b>			
24/01/2025	B	ISSUED FOR CONSTRUCTION	KK PB
28/05/2024	A	ISSUED FOR APPROVAL	KK PB
DATE	REV	DESCRIPTION	REC APP

**Premise**

**BRISBANE OFFICE**  
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DESIGNED  
**MARK DAVIS**

CHECKED  
**ANDREW LANGDON**

PROJECT MANAGER  
**NICK SOMERVILLE**

PROJECT DIRECTOR  
*Patrick Brady*  
**PATRICK BRADY** KPEQ 7112

SCALE  
0 20 40 60m  
SCALE 1:1000 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**EROSION AND SEDIMENT CONTROL - BULK EARTHWORKS PHASE**

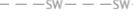
JOB CODE <b>MIR-0803</b>	
SHEET NUMBER <b>C701</b>	REV <b>B</b>



**LEGEND - PROPOSED**

-  LOT STABILISED PREVIOUSLY. MONITOR PERFORMANCE OF POLYMER SPRAY AND REAPPLY AS REQUIRED, BASED ON DURATION EXCEEDING SUPPLIER RECOMMENDATION OR OBSERVATION OF RILLING AND SCOUR.
-  100mm THICK TOPSOIL RESPREAD AND DRILL SEEDING. APPLY BINDER IMMEDIATELY AFTER DRILL SEEDING
-  100mm THICK TOPSOIL AND TURF
-  GULLY INLET PROTECTION. REFER DETAIL IECA DRAWING ESC-03 FOR DETAILS.
-  FINISHED CONTOURS AND LABELS
-  STORMWATER
-  KERB LINE
-  PRECINCT BOUNDARY
-  PRECINCT BOUNDARY (FUTURE/EXISTING)

**LEGEND - CONSTRUCTED**

-  STORMWATER
-  KERB LINE

**SERVICE TRENCH AND ROAD CONSTRUCTION SEQUENCE**

- STEP 6**
- A. PRIORITY SHOULD BE GIVEN TO PLACEMENT OF GRAVELS WITHIN ROAD AS A MEANS TO REDUCE EROSION RISK
  - B. PAVEMENT CONSTRUCTION
  - C. MAINTAIN ALL EXISTING ESC MEASURES DURING PAVEMENT CONSTRUCTION
  - D. GULLY INLET CONTROLS TO BE REINSTATED DURING PAVEMENT AND STORMWATER CONSTRUCTION AND MAINTAINED UNTIL ENTIRE UPSLOPE CATCHMENT HAS BEEN STABILISED.
- STEP 7**
- A. MAINTENANCE PERIOD
  - B. MAINTAIN CONTROL AND ESC AND VEGETATIVE TREATMENTS WHICH CONTROL SEDIMENTATION AND EROSION PRIOR TO THE ESTABLISHMENT OF STABILIZED GRASS COVER.
- STEP 8**
- A. REMOVE CONSTRUCTION ENTRANCES.
  - B. ADDITIONAL EROSION CONTROLS ARE TO BE ERCTED AND MONITORED AS REQUIRED BY THE SUPERINTENDENT

**NOTES**

1. REFER EROSION AND SEDIMENT CONTROL NOTES AND DETAILS DRAWINGS.
2. ALL FOOTPATHS ARE TO BE FULLY TURFED AS SOON AS PRACTICAL.
3. CONTRACTOR TO ENSURE THAT GRASS SEEDED AREAS SHOWN ON THIS PLAN ACHIEVE SUFFICIENT STRIKE AND COVERAGE IN ACCORDANCE WITH LOGAN CITY COUNCIL STANDARDS.

**TURFING AND TOPSOIL NOTE**

CONTRACTOR SHALL RESPREAD AMELIORATED TOPSOIL (AMELIORATION REQUIREMENTS AS DIRECTED BY SUPERINTENDENT) TO VERGES AT A THICKNESS OF 100mm.

I CERTIFY THAT THIS EROSION AND SEDIMENT CONTROL DRAWING HAS BEEN DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL EROSION CONTROL ASSOCIATION GUIDELINES.

T. CLARK (CPESC #6089) *T. Clark*

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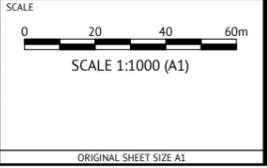
**FOR CONSTRUCTION**

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PATRICK BRADY  
NPEQ 7112



CLIENT  
**MIRVAC QLD PTY LTD**

PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**EROSION AND SEDIMENT CONTROL - STABILISATION PHASE**

JOB CODE  
**MIR-0803**

SHEET NUMBER  
**C702**

REV  
**B**

## ROLES AND RESPONSIBILITIES

### EROSION & SEDIMENT CONTROL NOTES

1. LOCATION & LEVELS OF ALL EXISTING SERVICES TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. REFER EARTHWORKS DRAWINGS FOR ADDITIONAL NOTES.
3. ALL TRENCHES, FOOTPATH EXCAVATIONS & STOCKPILES TO BE PROTECTED BY TEMPORARY SEDIMENT FENCES UNTIL 80% GRASS COVERAGE IS ACHIEVED TO DISTURBED AREAS.
4. EVERY PRECAUTION IS TO BE TAKEN TO PREVENT THE TRANSPORT OF SILT INTO THE NEWLY LAID STORMWATER PIPES THAT ARE CONNECTED TO THE DOWNSTREAM PIPE SYSTEMS, AND ANY EXISTING OPEN CHANNELS.
5. THESE NOTES SHALL BE READ IN CONJUNCTION WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
6. THE EROSION AND SEDIMENT CONTROL WORKS SHALL COMPLY WITH THE REQUIREMENTS OF THE LOCAL AUTHORITIES EROSION AND SEDIMENT CONTROL STANDARDS.
7. THE CONTRACTOR SHALL TAKE ALL REASONABLE AND PRACTICABLE MEASURES TO:
  - ALLOW STORMWATER TO PASS THROUGH THE SITE IN A CONTROLLED MANNER AND AT NON EROSION FLOW VELOCITIES;
  - MINIMISE SOIL EROSION FROM WATER AND WIND;
  - MINIMISE ADVERSE EFFECTS OF SEDIMENT RUN-OFF;
  - MINIMISE OR PREVENT ENVIRONMENTAL HARM ASSOCIATED WITH DISCHARGES FROM THE SITE (E.G. THE EFFECTS OF SEDIMENTATION ON THE ENVIRONMENTAL VALUES OF RECEIVING WATERS); AND
  - ENSURE THAT THE VALUE AND USE OF RESIDENTIAL PROPERTIES ADJACENT TO THE DEVELOPMENT (SUCH AS DRAINAGE AND ROADS) ARE NOT DIMINISHED AS A RESULT OF THE MIGRATION OF SEDIMENT FROM THE DEVELOPMENT.
8. THE CONTRACTOR SHALL APPOINT AN APPROPRIATELY EXPERIENCED PERSON TO BE MADE RESPONSIBLE FOR IMPLEMENTATION OF THE ESC.
9. ALL ESC MEASURES SHALL BE INSPECTED:
  - AT LEAST DAILY (WHEN WORK IS OCCURRING ON SITE).
  - AT LEAST WEEKLY (WHEN WORK IS NOT OCCURRING ON SITE).
  - WITHIN 24 HOURS OF EXPECTED RAINFALL.
  - WITHIN 18 HOURS OF RAINFALL OCCURRING.
10. MAINTENANCE OF ESC MEASURES SHALL OCCUR TO ENSURE THEY ARE OPERATING EFFICIENTLY AND IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

ESC MEASURES	MAINTENANCE TRIGGER	TIME FRAME FOR UNDERTAKING MAINTENANCE
ESC MEASURES	WHEN SETTLED SEDIMENT VOLUME EXCEEDS 25% OF THE CAPACITY OF THE ESC MEASURE	BY THE END OF THE DAY

7. INSTALL DIVERSION CATCH DRAINS UPSTREAM OF, AND SILT FENCE DOWNSTREAM OF, STOCKPILES.
8. STOCKPILES ARE TO BE LOCATED AWAY FROM EROSION HAZARD AREAS SUCH AS DRAINAGE LINES AND STEEP SLOPES.
9. STOCKPILES ARE TO BE PROTECTED FROM EROSION BY THE WIND.
10. ADEQUATE SUPPLIES OF EMERGENCY MAINTENANCE MATERIALS, INCLUDING (BUT NOT LIMITED TO) TIE WIRE, STAKES, FILTER CLOTH, WIRE MESH AND CLEAN GRAVEL SHOULD BE AVAILABLE ON-SITE.
11. ESC MAINTENANCE ACTIVITIES ARE TO BE RECORDED IN AN ON-SITE REGISTER. THE REGISTER IS TO BE MAINTAINED FOR THE DURATION OF THE WORKS AND IS TO BE MADE AVAILABLE TO THE SUPERINTENDENT.
12. DISTURBED AREA ARE TO BE STABILISED AS SOON AS POSSIBLE ON COMPLETION OF BULK EARTHWORKS. LOTS TO BE STABILISED FOLLOWING RESPREADING OF TOPSOIL.
13. SUPPLEMENTARY ESC MEASURES SHALL BE DIRECTED BY THE SUPERINTENDENT.

### MAINTENANCE

1. INSPECT ALL CATCH DRAINS AT LEAST WEEKLY AND AFTER RUNOFF-PRODUCING STORM EVENTS AND REPAIR ANY SLUMPS, BANK DAMAGE, OR LOSS OF FREEBOARD.
2. CLOSELY INSPECT THE OUTER EDGES OF THE ROCK PROTECTION. ENSURE WATER ENTRY INTO THE ROCK -LINED AREA IS NOT CAUSING EROSION ALONG THE EDGE OF THE ROCK PROTECTION.
3. CAREFULLY CHECK THE STABILITY OF THE ROCK LOOKING FOR INDICATIONS OF PIPING, SCOUR HOLES, OR BANK FAILURES.
4. REPLACE OR REPOSITION THE SURFACE ROCK SUCH THAT THE DRAIN FUNCTIONS AS REQUIRED AND THE DRAIN'S REQUIRED HYDRAULIC CAPACITY IS NOT REDUCED.
5. REPLACE ANY DISPLACED ROCK WITH ROCK OF SIGNIFICANTLY (MINIMUM 110%) LARGER SIZE THAN THE DISPLACED ROCK.
6. ENSURE SEDIMENT IS NOT PARTIALLY BLOCKING THE DRAIN. WHERE NECESSARY, REMOVE ANY DEPOSITED MATERIAL TO ALLOW FREE DRAINAGE.
7. DISPOSE OF ANY SEDIMENT OF FILL IN A MANNER THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.

ROLE	RESPONSIBILITY
PROJECT MANAGER	<ul style="list-style-type: none"> <li>• OVERALL RESPONSIBILITY OF ESC IMPLEMENTATION</li> <li>• NOTIFY THE ENVIRONMENTAL MANAGER IMMEDIATELY OF ANY NON-COMPLIANCE WITH ESCP</li> <li>• ENSURE THE PROMPT IMPLEMENTATION OF MEASURES TO MITIGATE EROSION AND SEDIMENT GENERATION</li> </ul>
SITE SUPERVISOR / FOREMEN	<ul style="list-style-type: none"> <li>• MONITOR DAILY RAINFALL</li> <li>• NOTIFY ENVIRONMENTAL ADVISOR/CONSULTANT WHEN RUNOFF GENERATING RAINFALL OCCURS IN THE PREVIOUS 24 HOURS</li> <li>• MAINTAIN CURRENT RECORDS OF RAINFALL, STORAGE VOLUMES, WATER QUALITY, TREATMENT PRACTICES, DISCHARGE VOLUMES (AS APPROPRIATE)</li> <li>• INSTALLATION AND MAINTENANCE OF ESC</li> </ul>
ENVIRONMENTAL MANAGER	<ul style="list-style-type: none"> <li>• PROVIDE DESIGN INFORMATION AS REQUIRED</li> <li>• CONDUCT IN-SITU MONITORING (AS REQUIRED)</li> <li>• COLLECT AND SUBMIT SAMPLES TO LABORATORY (AS REQUIRED)</li> <li>• COLLATE RESULTS AND PREPARE REPORTS (AS REQUIRED)</li> <li>• CONDUCT SITE INSPECTIONS AND AUDITS (AS REQUIRED)</li> <li>• INSPECT ESC INSTALLATION AND MAINTENANCE</li> <li>• INSPECT OFFSITE IMPACTS AND MANAGEMENT</li> <li>• PROVIDE ADVICE REGARDING ESC SITE IMPROVEMENT (AS REQUIRED)</li> </ul>
ALL PERSONNEL	<ul style="list-style-type: none"> <li>• REPORT ANY DAMAGE TO ESC DEVICES AND ANY POTENTIAL OR ACTUAL ENVIRONMENTAL HARM IN LINE WITH DUTY TO NOTIFY UNDER THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION ACT 1994</li> </ul>

## CORRECTIVE AND PREVENTATIVE ACTION

AN ENVIRONMENTAL INCIDENT WITH RESPECT TO THE ESCP IS DEFINED AS ANY OCCURRENCE WHERE SEDIMENT IS RELEASED FROM THE SITE, WHETHER CONTROLLED OR UNCONTROLLED, OR WHERE STORM WATER IS RELEASED (CONTROLLED) FROM SITE WHICH DOES NOT MEET THE WATER QUALITY REQUIREMENTS.

ALL INCIDENTS AND NON-CONFORMANCES ARE TO BE REPORTED, INVESTIGATED AND CORRECTED IN ACCORDANCE WITH THE ESCP TO ENSURE EFFECTIVE SOIL AND WATER QUALITY MANAGEMENT PRACTICES AT ALL TIMES.

BEST PRACTICE SITE MANAGEMENT REQUIRES ALL ESC MEASURES TO BE INSPECTED BY THE CONTRACTORS NOMINATED REPRESENTATIVE AT LEAST DAILY WHEN RAIN IS OCCURRING, WITHIN 24 HOURS PRIOR TO EXPECTED RAINFALL, AND WITHIN 18 HOURS OF A RAINFALL EVENT OF SUFFICIENT INTENSITY AND DURATION TO CAUSE ONSITE RUNOFF (IECA, 2008). SUCH INSPECTIONS MUST CHECK:

- **DAILY SITE INSPECTIONS** (DURING PERIODS OF RUNOFF PRODUCING RAINFALL)
  - ALL DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES
  - OCCURRENCES OF EXCESSIVE SEDIMENT DEPOSITION (WHETHER ON-SITE OR OFF-SITE)
  - ALL SITE DISCHARGE POINTS (INCLUDING DEWATERING ACTIVITIES AS APPROPRIATE)
- **WEEKLY SITE INSPECTIONS** (EVEN IF WORK IS NOT OCCURRING ON-SITE)
  - ALL DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES
  - OCCURRENCES OF EXCESSIVE SEDIMENT DEPOSITION (WHETHER ON-SITE OR OFF-SITE)
  - OCCURRENCES OF CONSTRUCTION MATERIALS, LITTER OR SEDIMENT PLACED, DEPOSITED, WASHED OR BLOWN FROM THE SITE, INCLUDING DEPOSITION BY VEHICULAR MOVEMENTS.
  - LITTER AND WASTE RECEPTORS
  - OIL, FUEL AND CHEMICALS STORAGE FACILITIES
- **PRIOR TO ANTICIPATED RUNOFF PRODUCING RAINFALL**
  - ALL DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES
  - ALL TEMPORARY FLOW DIVERSION AND DRAINAGE WORKS
- **FOLLOWING RUNOFF PRODUCING RAINFALL**
  - ALL DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES
  - OCCURRENCES OF EXCESSIVE SEDIMENT DEPOSITION (WHETHER ON-SITE OR OFF-SITE)
  - OCCURRENCES OF CONSTRUCTION MATERIALS, LITTER OR SEDIMENT PLACED, DEPOSITED, WASHED OR BLOWN FROM THE SITE, INCLUDING DEPOSITION BY VEHICULAR MOVEMENTS.

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DESIGNED MARK DAVIS
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR  PATRICK BRADY

SCALE	ORIGINAL SHEET SIZE A1
-------	------------------------

CLIENT	MIRVAC QLD PTY LTD
PROJECT	EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT
LOCATION	TEVIOT ROAD, GREENBANK
SHEET TITLE	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

JOB CODE	MIR-0803
SHEET NUMBER	C710
REV	B

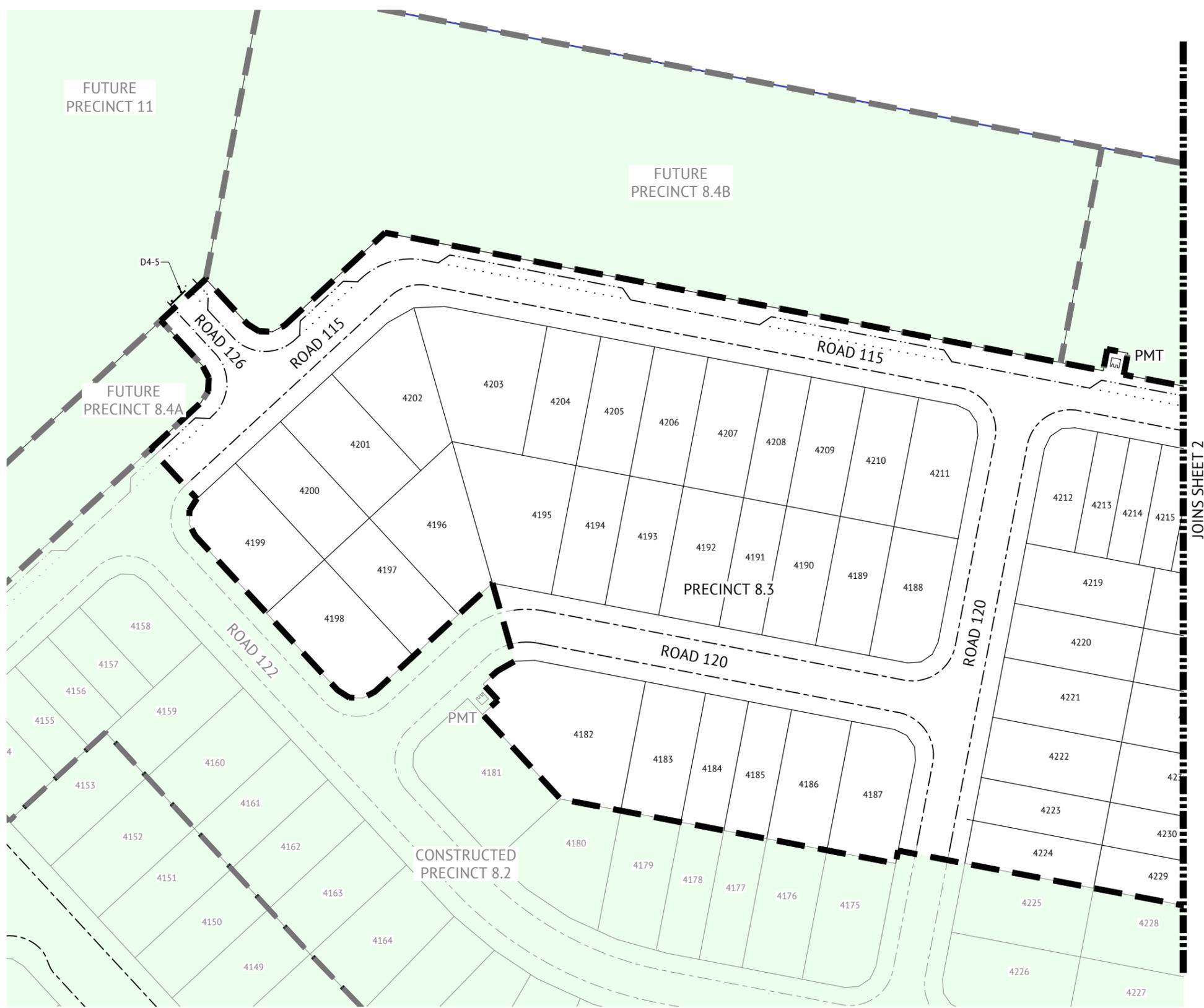


**LEGEND**

— LOT BOUNDARIES  
 - - - STAGE BOUNDARIES

**SIGNS**

D4-5 1800mm x 450mm



**LAYOUT PLAN**  
 SCALE 1:500

FOR CONSTRUCTION			
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 NP/EQ 7112

SCALE

SCALE 1:1000 (A1)

ORIGINAL SHEET SIZE A1

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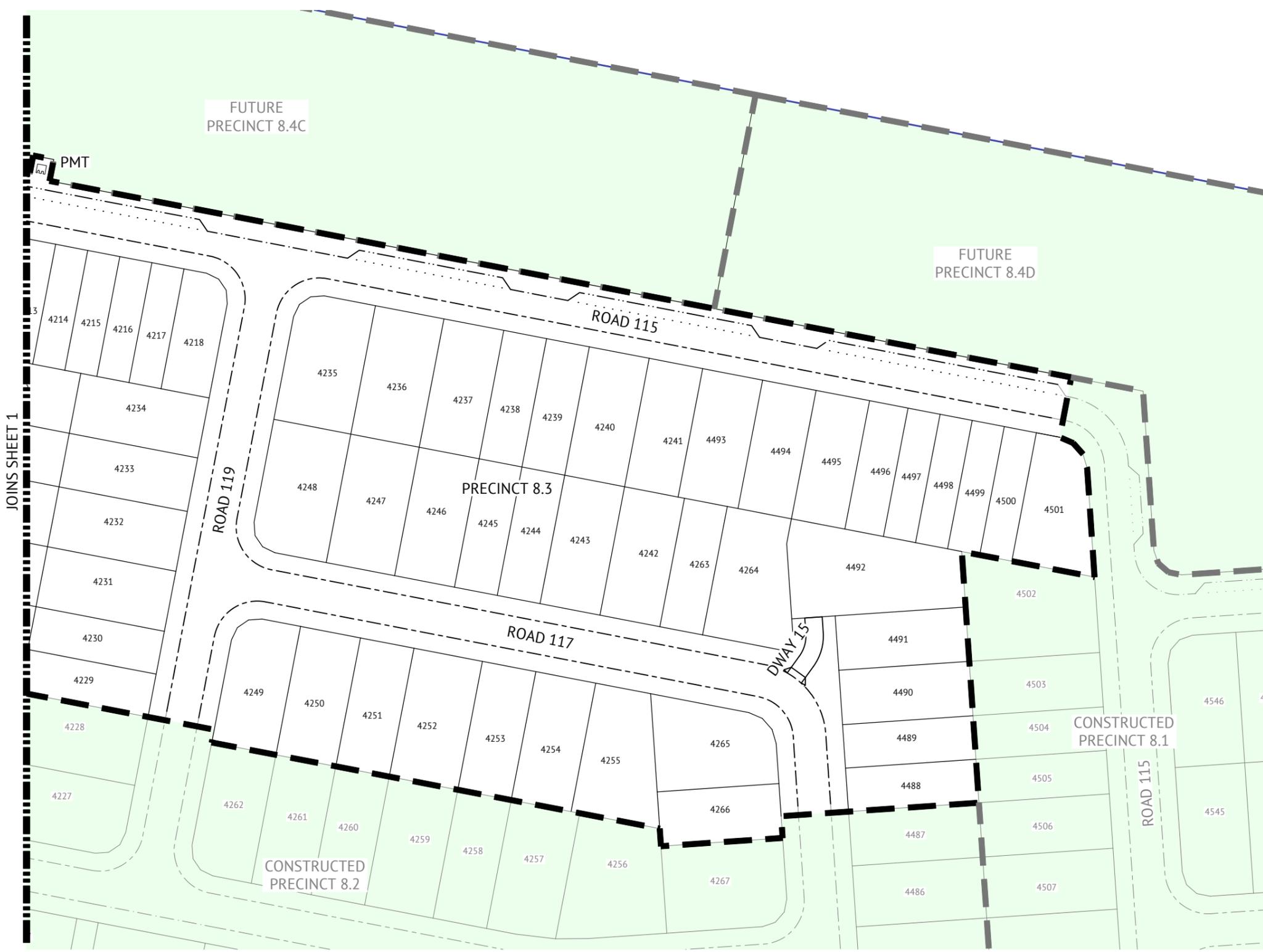
PROJECT  
**EVERLEIGH PRECINCT 8.3 SUBDIVISION DEVELOPMENT**

LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**TEMPORARY WORKS - ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1**

JOB CODE  
**MIR-0803**

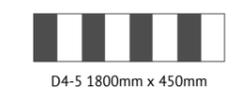
SHEET NUMBER	REV
<b>C900</b>	<b>B</b>



**LEGEND**

-  LOT BOUNDARIES
-  STAGE BOUNDARIES

**SIGNS**



**LAYOUT PLAN**  
SCALE 1:500

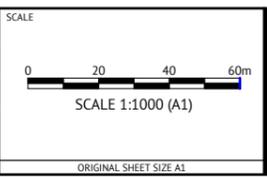
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PROJECT  
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LOCATION  
**TEVIOT ROAD, GREENBANK**

SHEET TITLE  
**TEMPORARY WORKS - ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2**

JOB CODE  
**MIR-0803**

SHEET NUMBER	REV
<b>C901</b>	<b>B</b>