EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT

TEVIOT ROAD, GREENBANK

FOR MIRVAC QLD PTY LTD

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 73 LONG AND CROSS SECTIONS
C311	ROAD 111 LONG AND SECTION
C312	ROAD 111 CROSS SECTIONS
C313	ROAD 112 LONG SECTION
C314	ROAD 112 CROSS SECTIONS - SHEET 1
C315	ROAD 112 CROSS SECTIONS - SHEET 2
C316	ROAD 112 CROSS SECTIONS - SHEET 3
C317	ROAD 113 LONG SECTION
C318	ROAD 113 CROSS SECTIONS
C319	ROAD 114 LONG AND CROSS SECTIONS
C320	ROAD 118 LONG SECTION
C321	ROAD 118 CROSS SECTIONS
C322	INTERSECTION DETAILS LAYOUT - SHEET 1
C323	INTERSECTION DETAILS LAYOUT - SHEET 2
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
C412	STORMWATER DRAINAGE LONG SECTIONS - SHEET 3
C420	STORMWATER DRAINAGE NOTES AND DETAILS
C430	STORMWATER DRAINAGE STRUCTURE DETAILS
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
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

GENERAL NOTES

1. ALL DIMENSIONS GIVEN ON THESE DRAWINGS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL NEW WORK AND MATERIALS SHALL COMPLY WITH CURRENT RELEVANT COUNCIL STANDARDS AND SPECIFICATIONS.
3. ALL WORK SHALL BE JOINED NEATLY TO EXISTING CONSTRUCTION.
4. 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.
5. 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.
6. CONSTRUCTION CERTIFICATION REQUIREMENTS SUCH AS PAVEMENT PROOF ROLLS ETC. ARE TO BE AS PER THE LOGAN CITY COUNCIL SPECIFICATION.
7. THESE NOTES SHALL APPLY TO ALL PORTIONS OF WORK.
8. THE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS. ANY POINT OF CONFLICT WILL BE RESOLVED BY THE SUPERINTENDENT.
9. 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

1. 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

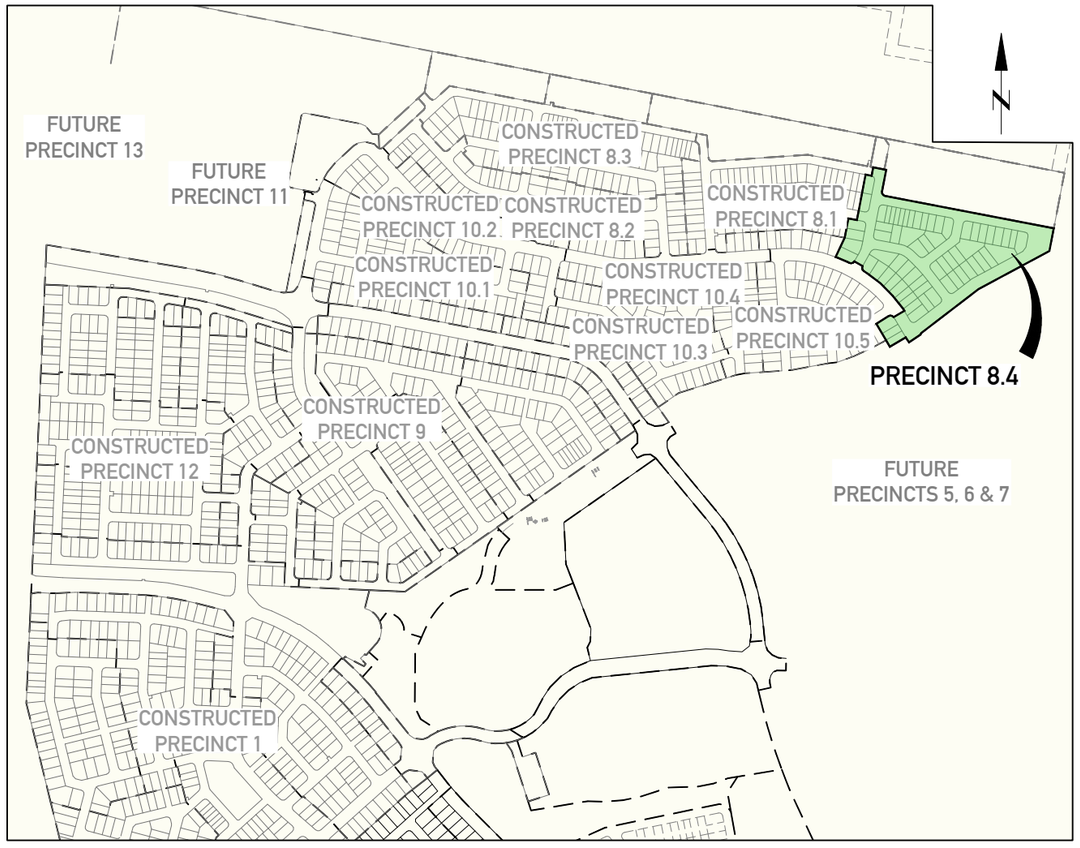
1. NO LOCATING/ POTHOLING OF EXISTING SERVICES HAS BEEN CARRIED OUT. THE CONTRACTOR IS TO DETERMINE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES WHICH AFFECT THE WORKS AND REPORT ANY POTENTIAL CLASHES TO THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.
2. THE CONTRACTOR IS RESPONSIBLE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

WORKPLACE HEALTH & SAFETY

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

SETOUT NOTES

1. 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.
2. THE LEVEL DATUM FOR WORKS IS A.H.D (AUSTRALIAN HEIGHT DATUM).



LOCALITY PLAN
Scale 1:5000

Premise

FOR CONSTRUCTION				
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB
DATE	REV	DESCRIPTION	REC	APP
REVISIONS				

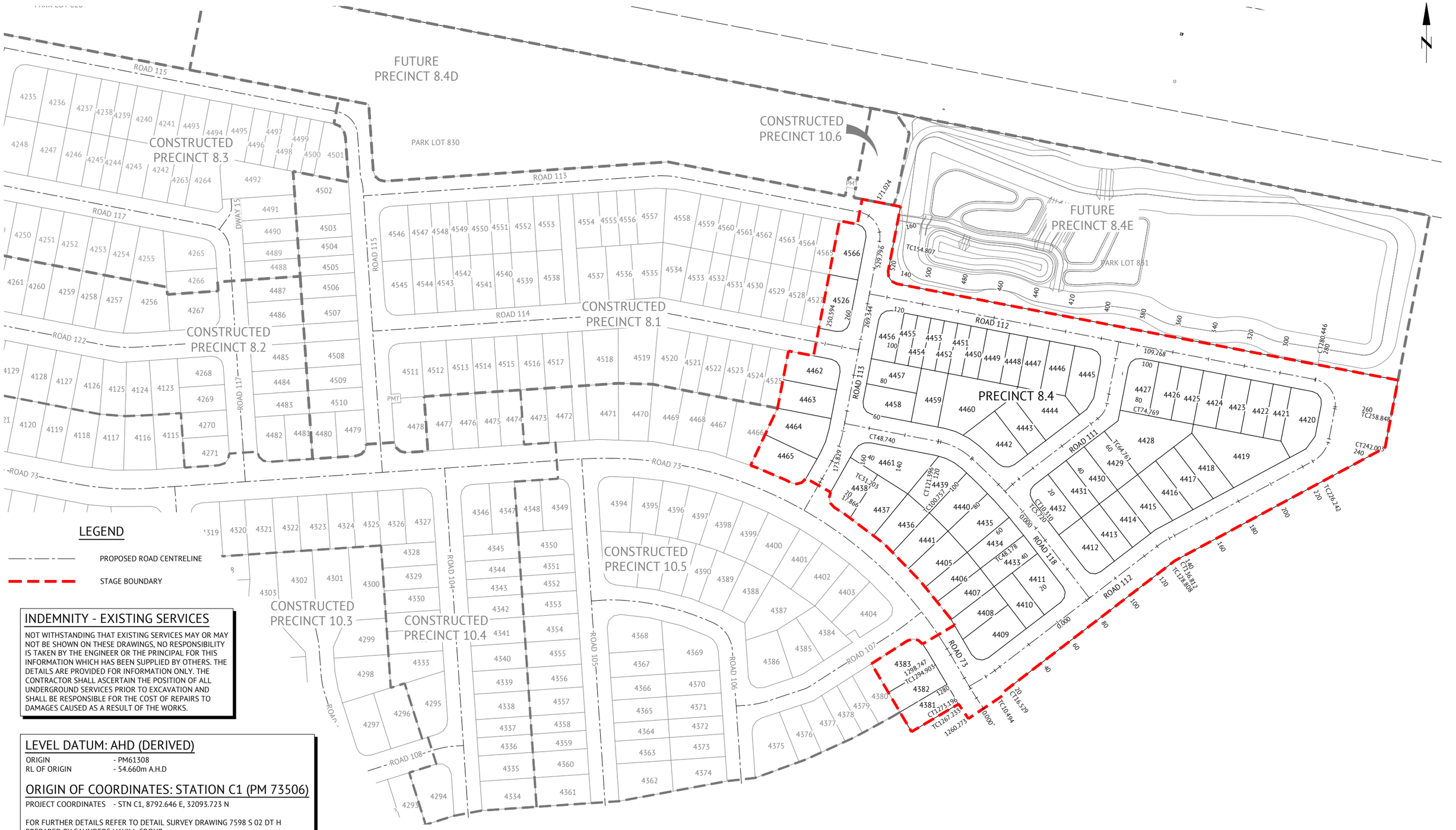
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE COVER SHEET

JOB CODE MIR-0804
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

46,838m²

REAL PROPERTY DESCRIPTION

LOT 2 on SP297192

LAYOUT PLAN

SCALE 1:1000

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

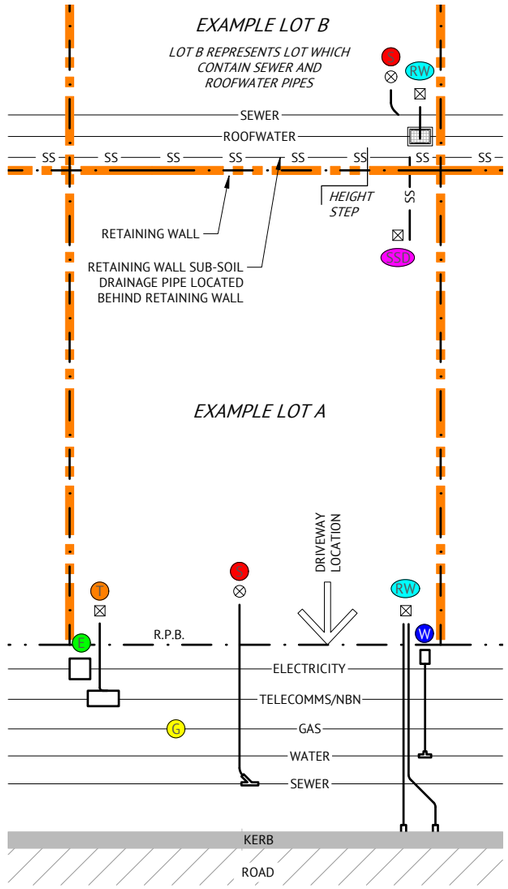
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SURVEY SETOUT PLAN

JOB CODE MIR-0804
SHEET NUMBER C002
REV B



TYPICAL PROPERTY SERVICES CONNECTIONS DETAIL

NTS

LEGEND - PROPERTY SERVICE CONNECTIONS

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".

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."

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."

RETAINING WALL SUB-SOIL DRAINAGE - OUTLET POINT TO LOT FOR RETAINING WALL SUB-SOIL DRAINAGE TO BE CONNECTED TO YARD DRAINAGE BY BUILDER UNLESS REAR WALL CAN BE DISCHARGED THROUGH THE SUBSOIL ON A SIDE BOUNDARY ON THE LOW SIDE. Ø100 NON-SLOTTED AGG PIPE CAPPED AND TERMINATED 200m ABOVE SURFACE. PVC DUCT TAPED TO 900x50x25 HW STAKE LABELLED "RETAINING WALL SUBSOIL OUTLET".

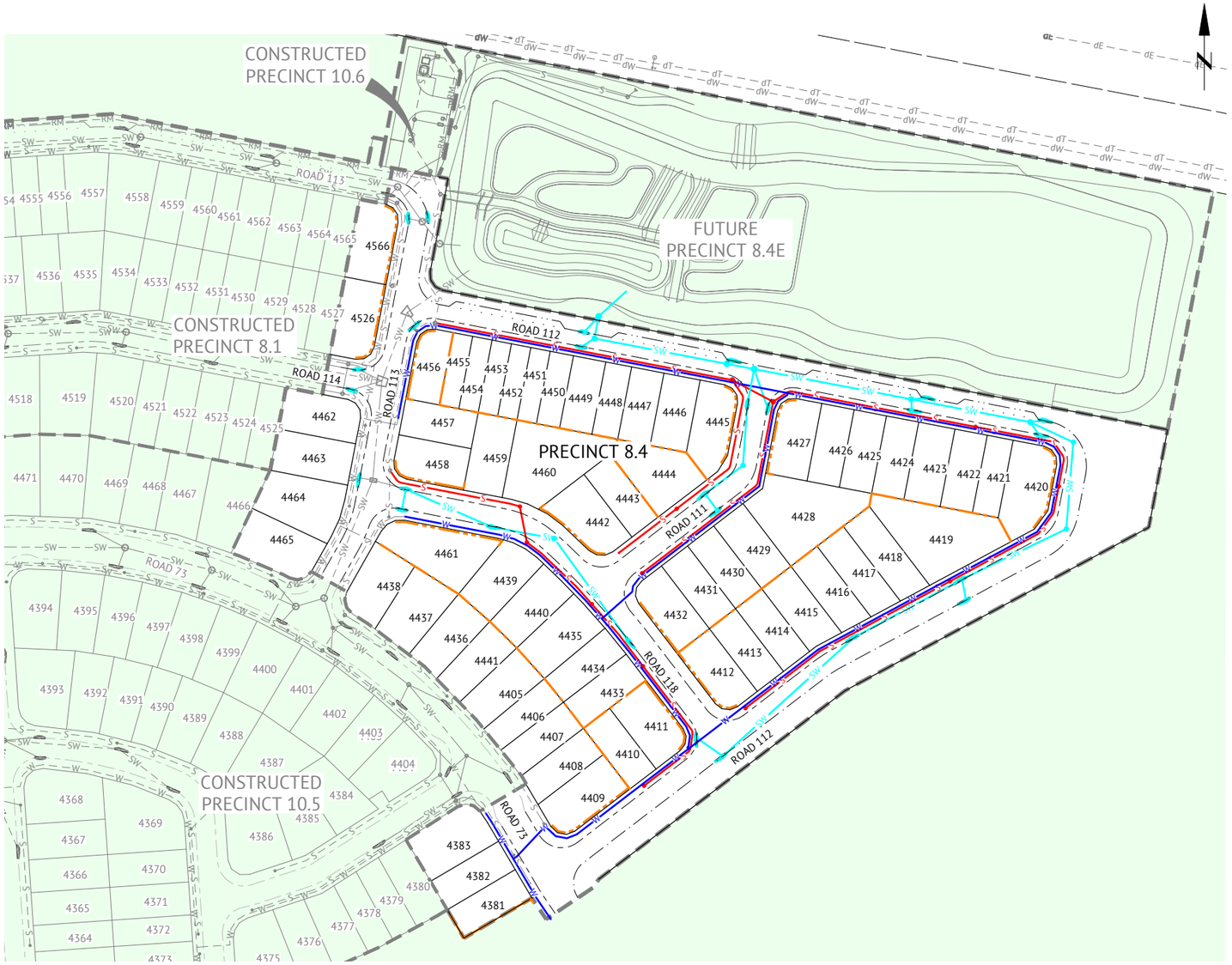
TELECOMMUNICATIONS/NBN - PVC CONDUIT (BURIED APPROX 300mm). MARKED WITH 900x50x25 HW STAKE LABELLED "TELECOMMS".

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".

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE OVERALL SERVICES LAYOUT

JOB CODE MIR-0804
SHEET NUMBER C003
REV B

DESIGN HAZARD NOTES:

1. 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.
2. THIS REPORT SUMMARISES AN INTERNAL REVIEW OF PREMISE'S DETAILED DESIGN DRAWINGS FOR DESIGN SAFETY.
3. 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.
4. 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.
5. 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. PREMANENT INJURT TO PERSON INSITE.	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:

1. 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.
2. 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 IS EXPECTED TO OCCUR IN MOST CERTAIN CIRCUMSTANCES	MORE THAN ONCE PER YEAR
B - LIKELY	THE EVENT WILL PROBABLY OCCUR IN MOST CIRCUMSTANCES	AT LEAST ONCE IN 5 YEARS
C - POSSIBLE	THE EVEN T SHOULD OCCUR AT SOME TIME	AT LEAST ONCE IN 10 YEARS
D - UNLIKELY	THE EVENT COULD OCCUR AT SOME TIME	AT LEAST ONCE IN 30 YEARS
E - RARE	THE EVENT MAY 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 SWEPT 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	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

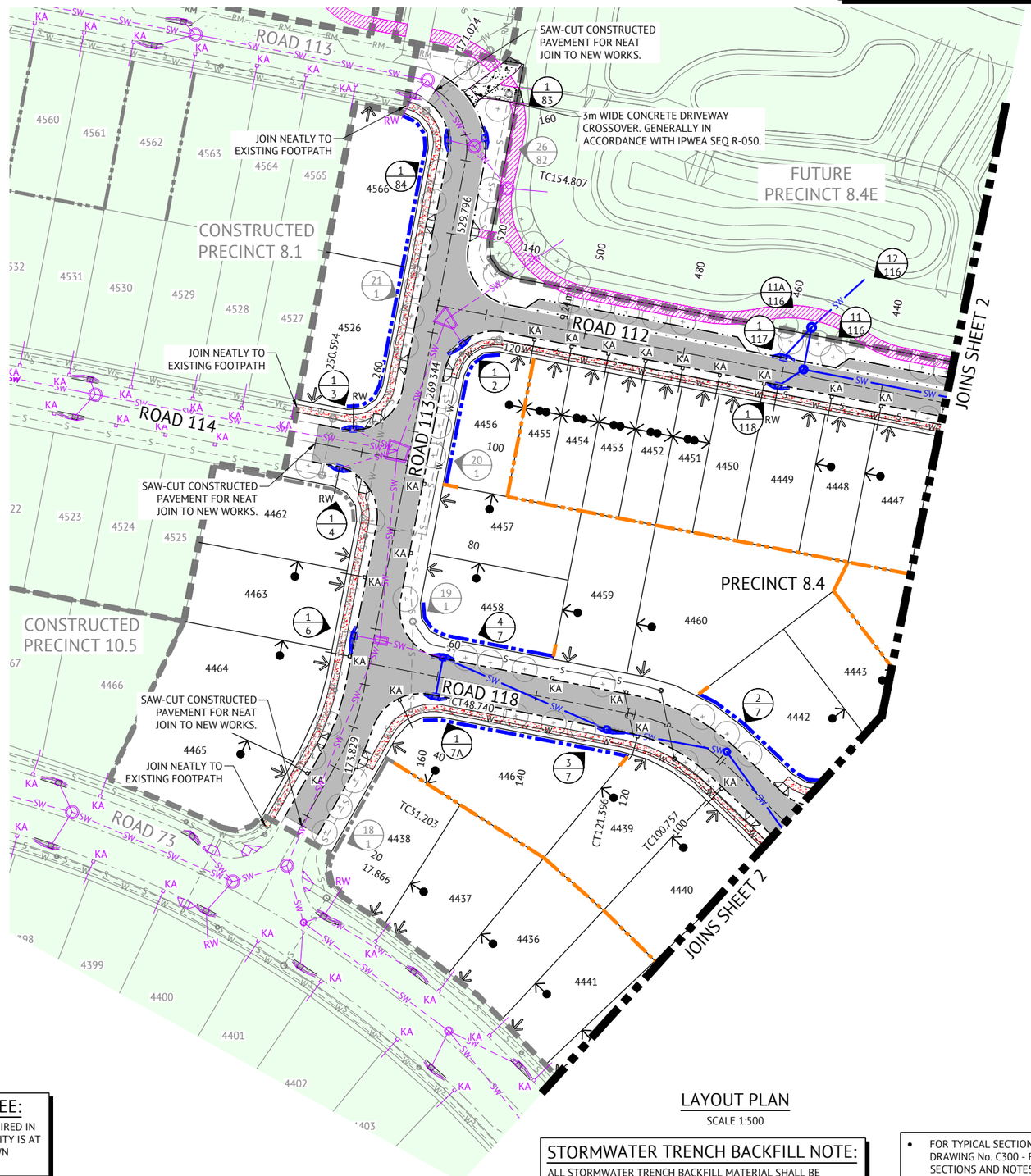
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SAFETY IN DESIGN

JOB CODE MIR-0804
SHEET NUMBER C004
REV B

CONCRETE FOOTPATH FROM ROADS 112 & 113 TO FUTURE PRECINCT 8.4E TO BE CONSTRUCTED AS PART OF FUTURE PARK WORKS.



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.

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.
- SW — PROPOSED STORMWATER
- 1/52 — PROPOSED STORMWATER STRUCTURE No.
- KA — ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
- KA — ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
- RW — PROPOSED ROOFWATER HOUSE CONNECTION (150 Ø uPVC)
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED BOULDER RETAINING WALL
- ZERO LOT BOUNDARY
- PROPOSED FUTURE DRIVEWAY LOCATION
- S — PROPOSED SEWER
- W — PROPOSED WATER
- C C C C — PROPOSED WATER CONDUIT
- STAGE BOUNDARY
- DURATHEM THRESHOLD TREATMENT. REFER TO URBIS EVERLEIGH LANDSCAPE MASTERPLAN - PART B (PAGE 20) FOR COLOUR AND PATTERN.
- PROPOSED LANDSCAPING. CIVIL CONTRACTOR TO COORDINATE WITH LANDSCAPING CONTRACTOR TO CARRY OUT THEIR WORKS. REFER TO LANDSCAPE DRAWINGS FOR FURTHER DETAIL.
- TREES

LEGEND - CONSTRUCTED

- KA — ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
- KA — ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
- RW — ROOFWATER HOUSE CONNECTION (150 Ø uPVC)
- SW — STORMWATER
- S — SEWER
- W — WATER
- RM — SEWER RISING MAIN
- RETAINING WALL
- 13/501 — STORMWATER STRUCTURE No.
- PMT — PADMOUNT TRANSFORMER

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
16/07/2025	C	ADDED STRUCTURE NAMES	KK	PB
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

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

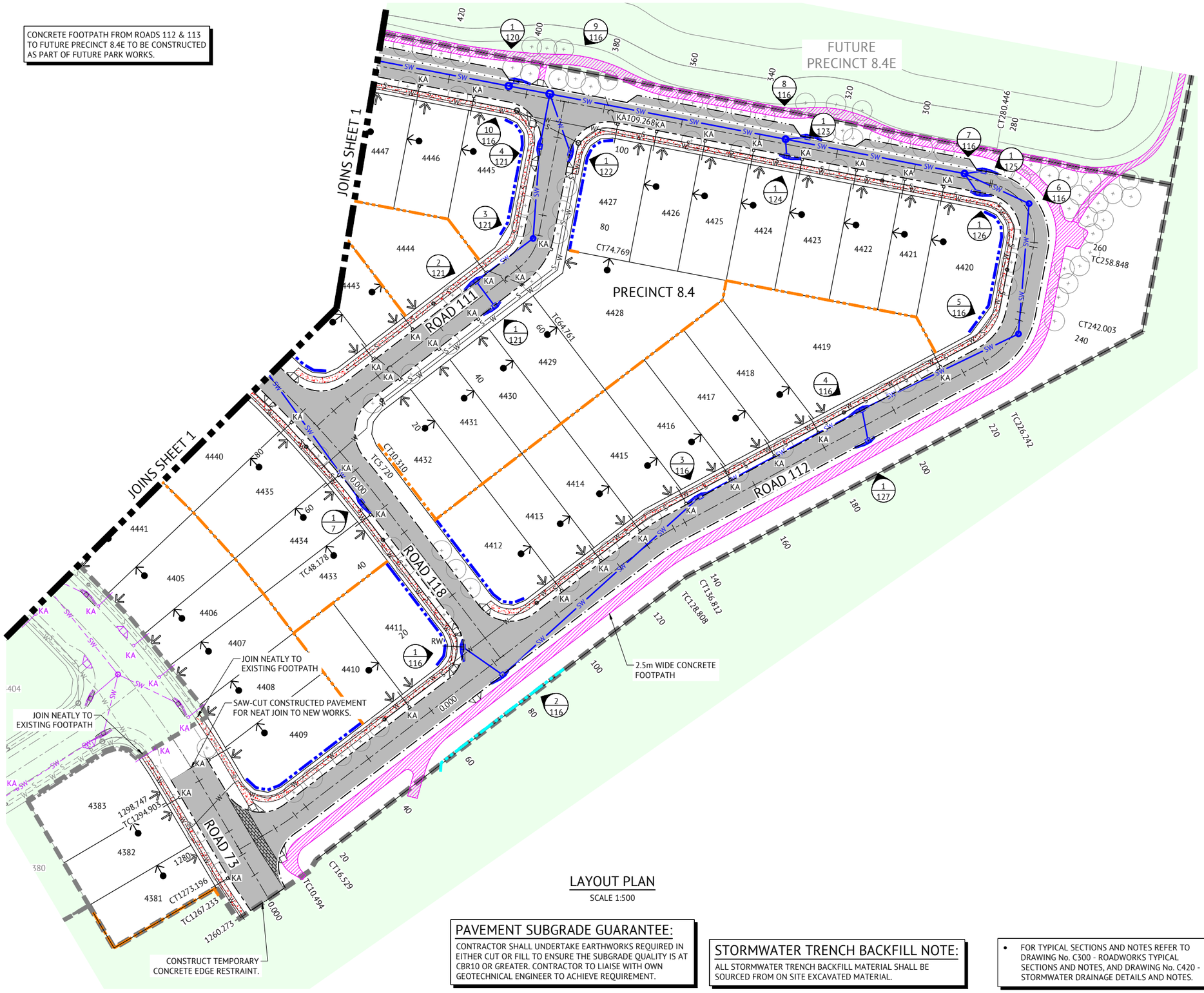
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1

JOB CODE: MIR-0804
SHEET NUMBER: C100
REV: C

CONCRETE FOOTPATH FROM ROADS 112 & 113 TO FUTURE PRECINCT 8.4E TO BE CONSTRUCTED AS PART OF FUTURE PARK WORKS.



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.

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.
- SW — PROPOSED STORMWATER
- 1/52 — PROPOSED STORMWATER STRUCTURE No.
- KA — ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
- KA — ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
- RW — PROPOSED ROOFWATER HOUSE CONNECTION (150 Ø uPVC)
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED BOULDER RETAINING WALL
- ZERO LOT BOUNDARY
- PROPOSED FUTURE DRIVEWAY LOCATION
- S — PROPOSED SEWER
- W — PROPOSED WATER
- C C C C — PROPOSED WATER CONDUIT
- STAGE BOUNDARY
- DURATHEM THRESHOLD TREATMENT. REFER TO URBIS EVERLEIGH LANDSCAPE MASTERPLAN - PART B (PAGE 20) FOR COLOUR AND PATTERN.
- PROPOSED LANDSCAPING. CIVIL CONTRACTOR TO COORDINATE WITH LANDSCAPING CONTRACTOR TO CARRY OUT THEIR WORKS. REFER TO LANDSCAPE DRAWINGS FOR FURTHER DETAIL.
- TREES

LEGEND - CONSTRUCTED

- KA — ROOFWATER DRAINAGE KERB ADAPTORS WITH TWIN 125x75 GALVANISED RHS. REFER DETAIL ON DWG C420.
- KA — ROOFWATER DRAINAGE KERB ADAPTORS. REFER DETAIL ON DWG C420.
- RW — ROOFWATER HOUSE CONNECTION (150 Ø uPVC)
- SW — STORMWATER
- S — SEWER
- W — WATER
- RM — SEWER RISING MAIN
- RETAINING WALL
- 13/501 — STORMWATER STRUCTURE No.
- PMT — PADMOUNT TRANSFORMER

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
16/07/2025	C	ADDED STRUCTURE NAMES	KK	PB
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

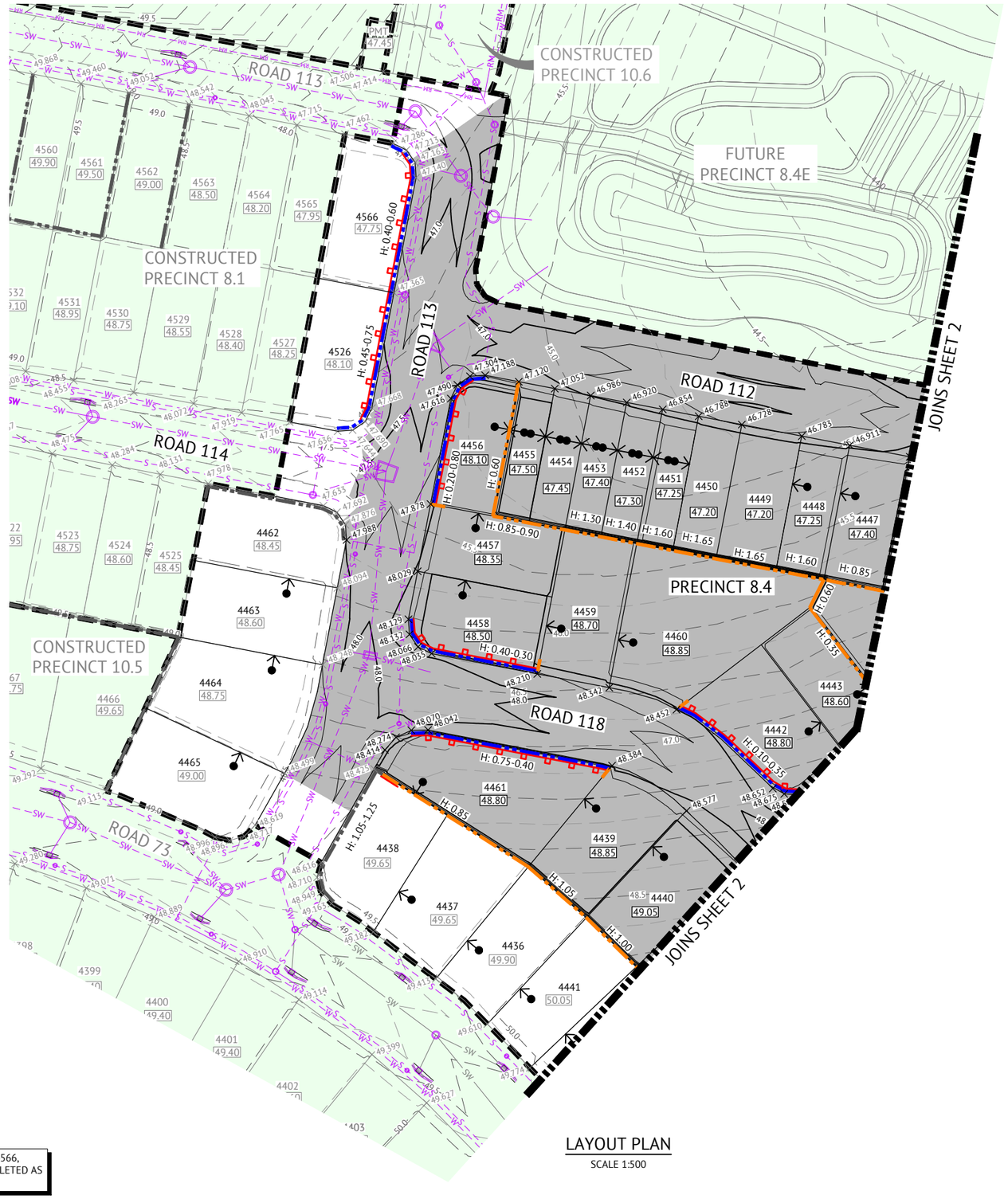
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2

JOB CODE MIR-0804
SHEET NUMBER C101
REV C



LAYOUT PLAN

SCALE 1:500

EARTHWORKS FOR LOTS 4462-4465, 4526, 4566, 4381-4383, 4405- 4408 & 4438-4441, COMPLETED AS PART OF PRECINCT 8.1 & 10.5 WORKS

LEGEND - PROPOSED

- NO CHANGES TO BULK EARTHWORKS. EARTHWORKS DONE AS PART OF PRECINCTS 10.5 AND 8.1 EARTHWORKS PACKAGES
- EXTENT OF CUT
- EXTENT OF FILL
- 12.0 — FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.25m)
- 51.65 — FINISHED SURFACE LEVEL
- H1.0 — PROPOSED CONCRETE SLEEPER RETAINING WALL (AND HEIGHT). TIMBER TEXTURED SLEEPERS AND 2 COAT PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- H1.0 — PROPOSED CONCRETE PANEL RETAINING WALL (AND HEIGHT). 2 COAT TEXTURED PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- FEATURE FENCE BY LANDSCAPER
- 58.25 × — FOOTPATH SPOT LEVEL
- ZERO LOT LINE
- PROPOSED FUTURE DRIVEWAY LOCATION
- STAGE BOUNDARY

LEGEND - CONSTRUCTED

- RETAINING WALL
- 12.0 — CONTOURS (0.50m)
- SW — STORMWATER
- S — SEWER
- RM — SEWER RISING MAIN
- W — WATER
- PMT — 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.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C200
REV B

EARTHWORKS FOR LOTS 4462-4465, 4526, 4566, 4381-4383, 4405- 4408 & 4438-4441, COMPLETED AS PART OF PRECINCT 8.1 & 10.5 WORKS

LEGEND - PROPOSED

- NO CHANGES TO BULK EARTHWORKS. EARTHWORKS DONE AS PART OF PRECINCTS 10.5 AND 8.1 EARTHWORKS PACKAGES
- EXTENT OF CUT
- EXTENT OF FILL
- 12.0 — FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.25m)
- 51.65 — FINISHED SURFACE LEVEL
- H1.0 — PROPOSED CONCRETE SLEEPER RETAINING WALL (AND HEIGHT). TIMBER TEXTURED SLEEPERS AND 2 COAT PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- H1.0 — PROPOSED CONCRETE PANEL RETAINING WALL (AND HEIGHT). 2 COAT TEXTURED PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- H1.0 — PROPOSED BOULDER RETAINING WALL (AND HEIGHT).
- FEATURE FENCE BY LANDSCAPER
- 58.25 — FOOTPATH SPOT LEVEL
- ZERO LOT LINE
- PROPOSED FUTURE DRIVEWAY LOCATION
- STAGE BOUNDARY

LEGEND - CONSTRUCTED

- RETAINING WALL
- 12.0 — CONTOURS (0.50m)
- SW — STORMWATER
- S — SEWER
- RM — SEWER RISING MAIN
- W — WATER
- PMT — 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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 2

JOB CODE MIR-0804
SHEET NUMBER C201
REV B

NOTES

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

TESTING

1. 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

1. 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	

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

DUST

1. 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 MODELLNG AND ASSESSMENT OF AIR POLLUTANTS IN NSW."
2. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN CONTROLS TO ACHIEVE THE REQUIREMENTS OF ITEM 1 ABOVE.

FILL MANAGEMENT

1. 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.
2. THE FILL MATERIAL WILL COMPRISE ONLY OF NATURAL EARTH AND ROCK AND SHALL BE FREE OF ALL CONTAMINATES, NOXIOUS, HAZARDOUS, DELETERIOUS AND ORGANIC MATERIAL.
3. ALL SITE PREPARATION WORK SHOULD GENERALLY BE CARRIED OUT IN ACCORDANCE WITH AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'.
4. THE SITE SHOULD BE STRIPPED OF ANY TOPSOIL FROM CUT AND FILL AREAS, ROAD ALIGNMENTS AND CARPARKING AREAS, AND STOCKPILED FOR LATER USE.
5. 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.
6. 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.
7. 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.
8. 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.
9. NO DEMOLITION MATERIAL TO BE USED AS FILL MATERIAL.
10. WHERE UNSUITABLE MATERIAL IN AREAS OF FILL IS ENCOUNTERED, THIS WILL BE TREATED AS SET OUT IN THE EARTHWORK SPECIFICATION.
11. 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.
12. 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[a]	EWL or FSL +/- 50mm
CUT BATTERS (OTHER THAN IN LOTS)	EWL or FSL +/- 150mm[b]
FILL BATTERS (OTHER THAN IN LOTS)	EWL or FSL +/- 300mm[b]
EARTHWORKS IN PARKS	EWL or FSL +/- 50mm

[a] TOLERANCE IS -0mm / +50mm WHERE ADJACENT DRAINAGE ELEMENT.
[b] MEASURED FROM THE AVERAGE SLOPE PLANE.

TOLERANCE NOTES

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

DISPERSIVE SOILS MANAGEMENT NOTES

1. GYPSUM 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.
2. 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.
3. 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
4. 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^3 OF TOPSOIL)
- DOLOMITE (15kg/m^3 OF TOPSOIL)
- GRANULAR WETTING AGENT (0.5kg/m^3 OF TOPSOIL)
- FERTILISER (0.4kg/m^3 OF TOPSOIL)

B-GRADE QUALITY TOPSOIL AMELIORATION:
- SCREEN STRIPPED TOPSOIL
- DOLOMITE (15kg/m^3 OF TOPSOIL)
- GRANULAR WETTING AGENT (0.5kg/m^3 OF TOPSOIL)
- FERTILISER (0.4kg/m^3 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	REFER NOTES AND KEY OUTCOMES	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:
1. OMC - OPTIMUM MOISTURE CONTENT
2. LAYER OF THICKNESS IS LIMITED TO 300mm TO ALLOW IDENTIFICATION OF LARGER PARTICLES AND ALLOW EVERY CHANCE OF BREAK DOWN IN FILLING OR REMOVAL.
3. 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.
4. UPPER 0.6m, (PARTICULARLY IN AREAS OF DEEP FILL), OF THE FILL PROFILE TO BE RELATIVELY IMPERMEABLE HENCE INCREASE IN FINES COMPONENT.
5. 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.
6. 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

1. DELIVER RESIDENTIAL LOTS WITH FAVOURABLE LOT CLASSIFICATIONS - I.E - NO P CLASSIFICATIONS
2. FILL THICKNESS DOES NOT VARY MORE THAN 2m OVER A DISTANCE OF 10m
3. CONSTRUCT FILL AND LIMIT LONG TERM CREEP SETTLEMENTS TO WITHIN 0.5% TO 1.0% OF THE FILL THICKNESS
4. BUILDING PLATFORM THAT ALLOWS BUILDERS TO CONSTRUCT SLAB ON GROUND RAFTS USING LIGHT EARTHMOVING EQUIPMENT
5. 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
6. CREATING A FILL PLATFORM THAT IS ABLE TO BE TESTED IN ACCORDANCE WITH AS3798 AND AS1289

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

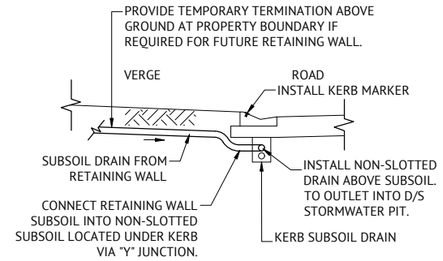
REVISIONS

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 RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

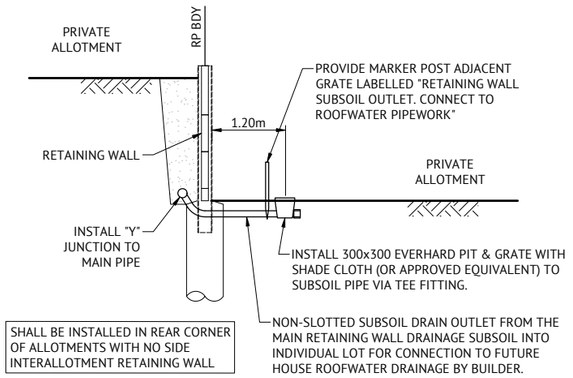
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS NOTES AND DETAILS - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C210
REV B



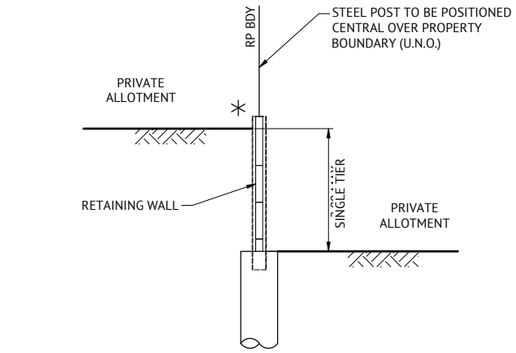
TYPICAL RETAINING WALL SUBSOIL OUTLET TO ROAD

N.T.S.



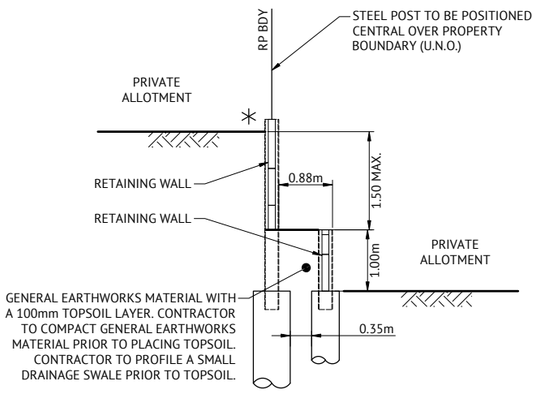
TYPICAL RETAINING WALL SUBSOIL OUTLET TO ALLOTMENTS

N.T.S.

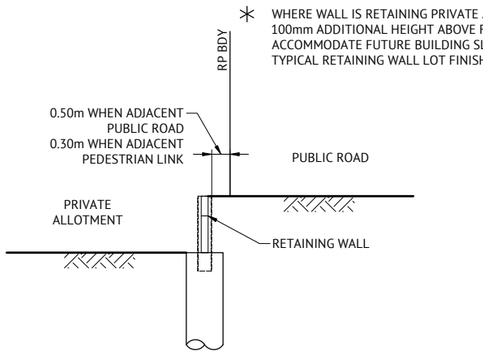


TYPICAL RETAINING WALL DETAIL INTER ALLOTMENT 0.4m-2m MAX HIGH

N.T.S.

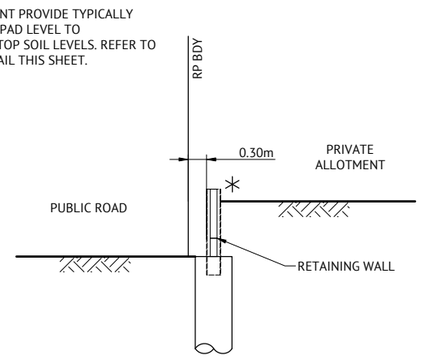


TYPICAL RETAINING WALL DETAIL INTER ALLOTMENT 2m-2.5m MAX HIGH



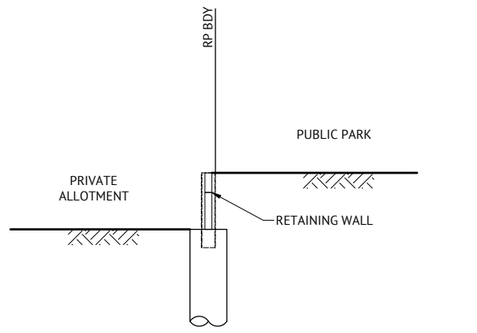
TYPICAL RETAINING WALL DETAIL ROAD ADJACENT TO LOT WHERE ROAD LEVEL IS HIGHER

N.T.S.



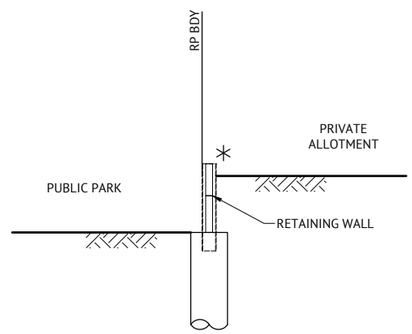
TYPICAL RETAINING WALL DETAIL ROAD ADJACENT TO LOT WHERE LOT LEVEL IS HIGHER

N.T.S.



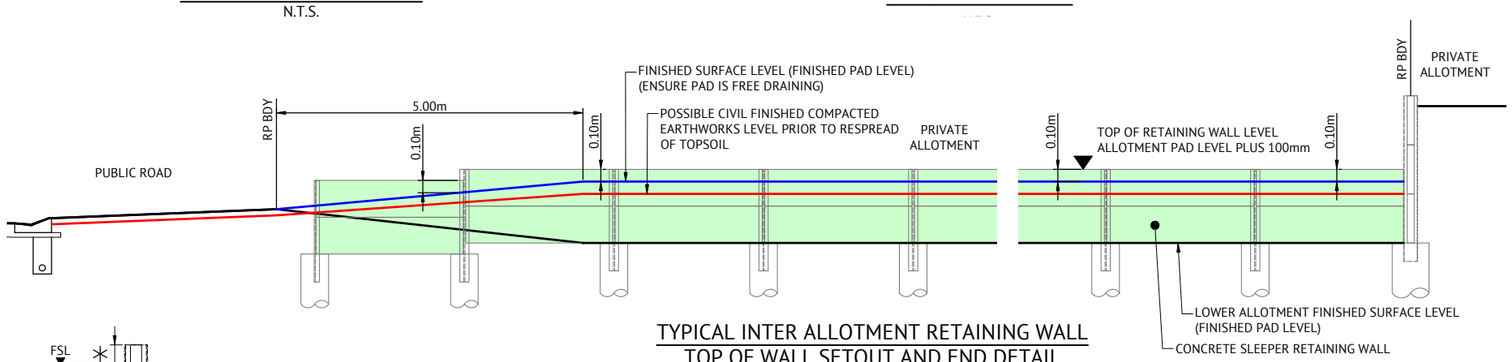
TYPICAL RETAINING WALL DETAIL PARK ADJACENT TO LOT WHERE PARK LEVEL IS HIGHER

N.T.S.



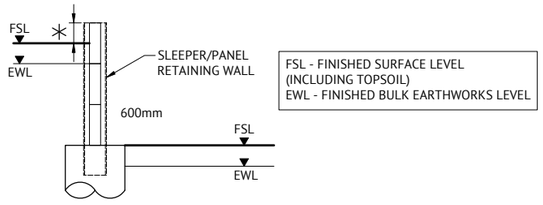
TYPICAL RETAINING WALL DETAIL PARK ADJACENT TO LOT WHERE LOT LEVEL IS HIGHER

N.T.S.



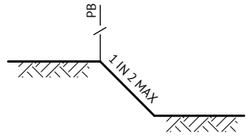
TYPICAL INTER ALLOTMENT RETAINING WALL TOP OF WALL SETOUT AND END DETAIL

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 REQUREMENT 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

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112
SCALE NTS
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS NOTES AND DETAILS - SHEET 2

JOB CODE MIR-0804
SHEET NUMBER C211
REV B

LAYOUT PLAN

SCALE 1:750

LEGEND - PROPOSED

- NO CHANGES TO BULK EARTHWORKS. EARTHWORKS DONE AS PART OF PRECINCTS 10.5 & 8.1 EARTHWORKS PACKAGE
- EXTENT OF CUT
- EXTENT OF FILL
- TREES
- BOLLARD
- 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.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

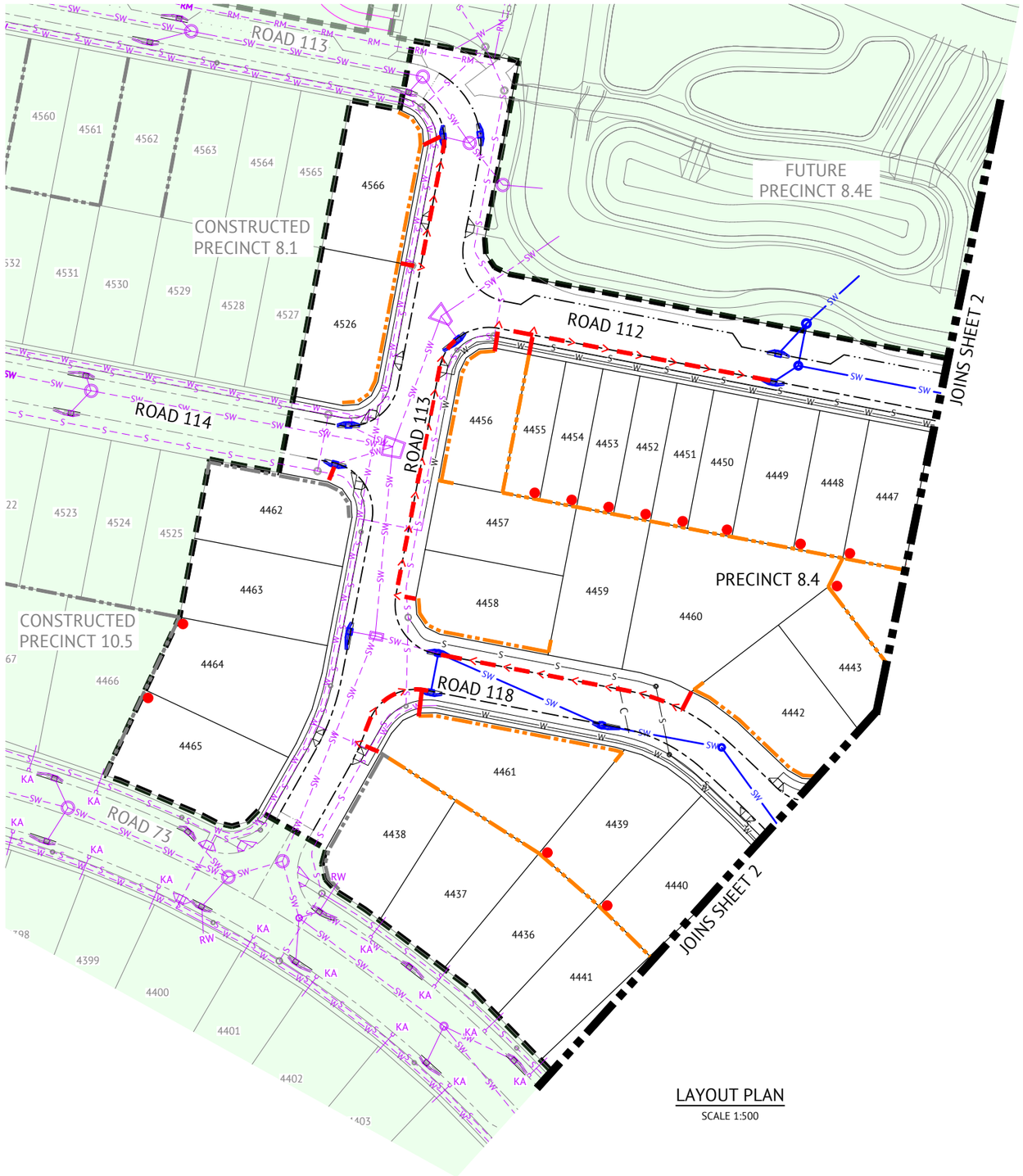
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EARTHWORKS SUBGRADE ROCK PREPARATION DETAILS

JOB CODE: MIR-0804
SHEET NUMBER: C220
REV: B



LAYOUT PLAN
SCALE 1:500

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE RETAINING WALL SUBSOIL DRAINAGE PLAN - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C230
REV B

LAYOUT PLAN
SCALE 1:500

N

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: RETAINING WALL SUBSOIL DRAINAGE PLAN - SHEET 2

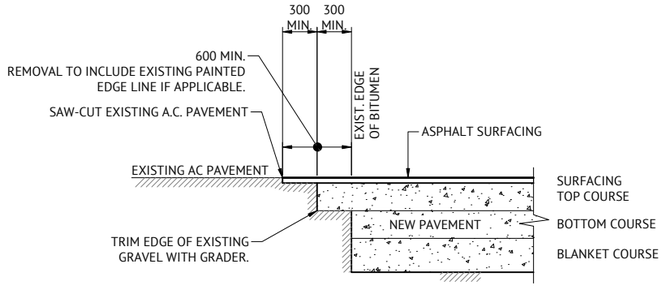
JOB CODE: MIR-0804
SHEET NUMBER: C231
REV: B

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.

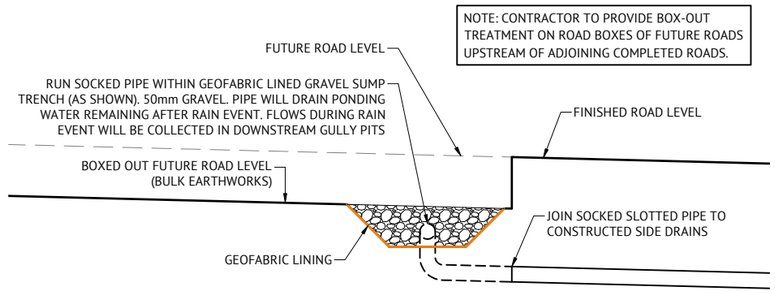
ROADWORKS NOTES

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



TYPICAL FUTURE ROADS BOX-OUT TREATMENT

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
0 0.4 0.8 1.2m
SCALE 1:20 (A1)
ORIGINAL SHEET SIZE A1

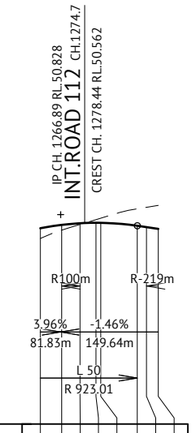
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROADWORKS NOTES AND DETAILS

JOB CODE MIR-0804
SHEET NUMBER C300
REV B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 73
CLASS	-	NEIGHBOURHOOD CONNECTOR 2
ESA's	-	6.40 x 10^6
SURFACE	-	50mm AC of 14mm MIX
PRIMER TYPE	-	PRIMER SEAL
CBR 80	-	300mm
CBR 45	-	100mm
TOTAL BOX	-	450mm

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

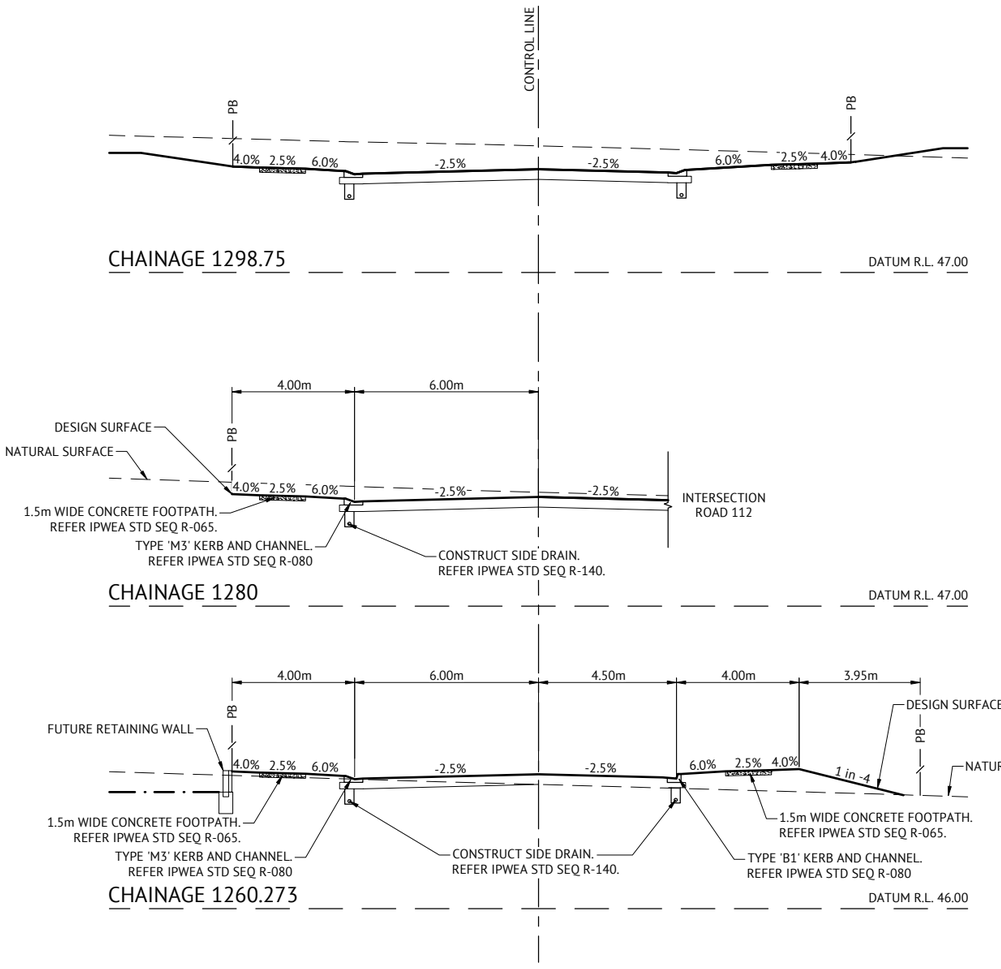
Vertical Geometry Grade (%) 3.96% -1.46%
Vertical Grade Length (m) 81.83m 149.64m

Vertical Curve Length (m) L 50
Vertical Curve Radius (m) R 923.01

DATUM R.L.44.0

CUT (-)/FILL DEPTH	0.333	0.171	0.039	-0.103	-0.152	-0.555	-0.646	-0.764
LHS LIP LEVEL	50.240	50.350	50.403	50.418	50.417	50.320	50.276	50.220
RHS LIP LEVEL		✳				50.358	50.314	50.258
DESIGN SURFACE	50.383	50.494	50.547	50.562	50.560	50.463	50.420	50.364
NATURAL SURFACE	50.050	50.323	50.507	50.665	50.712	51.018	51.066	51.127
CHAINAGE	1260.27	1267.23	1273.20	1278.44	1280.00	1291.89	1294.90	1298.75

ROAD 73 LONGITUDINAL SECTION
SCALE 1:1000(H) 1:100(V)



ROAD 73 CROSS SECTIONS
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

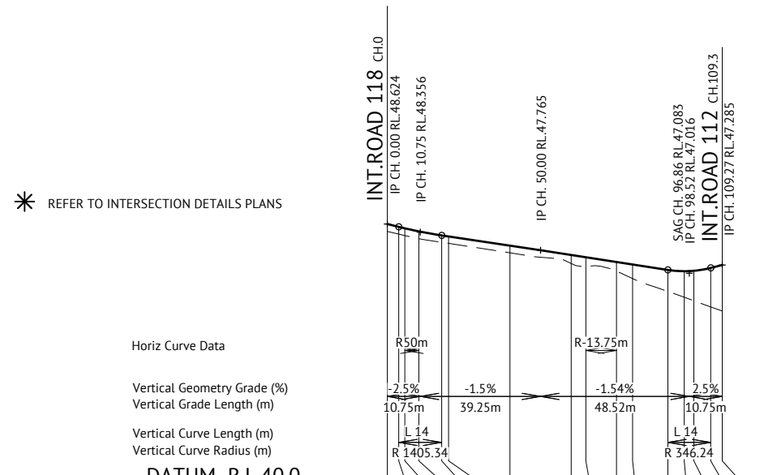
SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 73 LONG AND CROSS SECTIONS

JOB CODE MIR-0804
SHEET NUMBER C310
REV B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 111
CLASS	-	ACCESS STREET (TYPICAL)
ESA's	-	5.90 x 10^5
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.



CHAINAGE	0.00	3.75	5.72	10.31	17.75	20.00	40.00	60.00	64.76	74.77	80.00	91.52	96.86	100.00	105.52	109.27
NATURAL SURFACE	48.382	48.292	48.245	48.145	48.025	47.991	47.683	47.335	47.227	47.088	46.844	46.424	46.237	46.120	45.918	45.786
DESIGN SURFACE	48.624	48.531	48.483	48.382	48.250	48.216	47.916	47.611	47.557	47.383	47.302	47.124	47.083	47.097	47.191	47.285
LHS LIP LEVEL	*				48.163	48.129	47.829	47.524	47.450	47.296	47.215	47.037	*			
RHS LIP LEVEL					48.163	48.129	47.829	47.524	47.450	47.296	47.215	47.037				
CUT (-)/FILL DEPTH	0.242	0.238	0.237	0.237	0.225	0.225	0.232	0.276	0.310	0.295	0.458	0.701	0.846	0.977	1.275	1.500

ROAD 111 LONGITUDINAL SECTION
SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

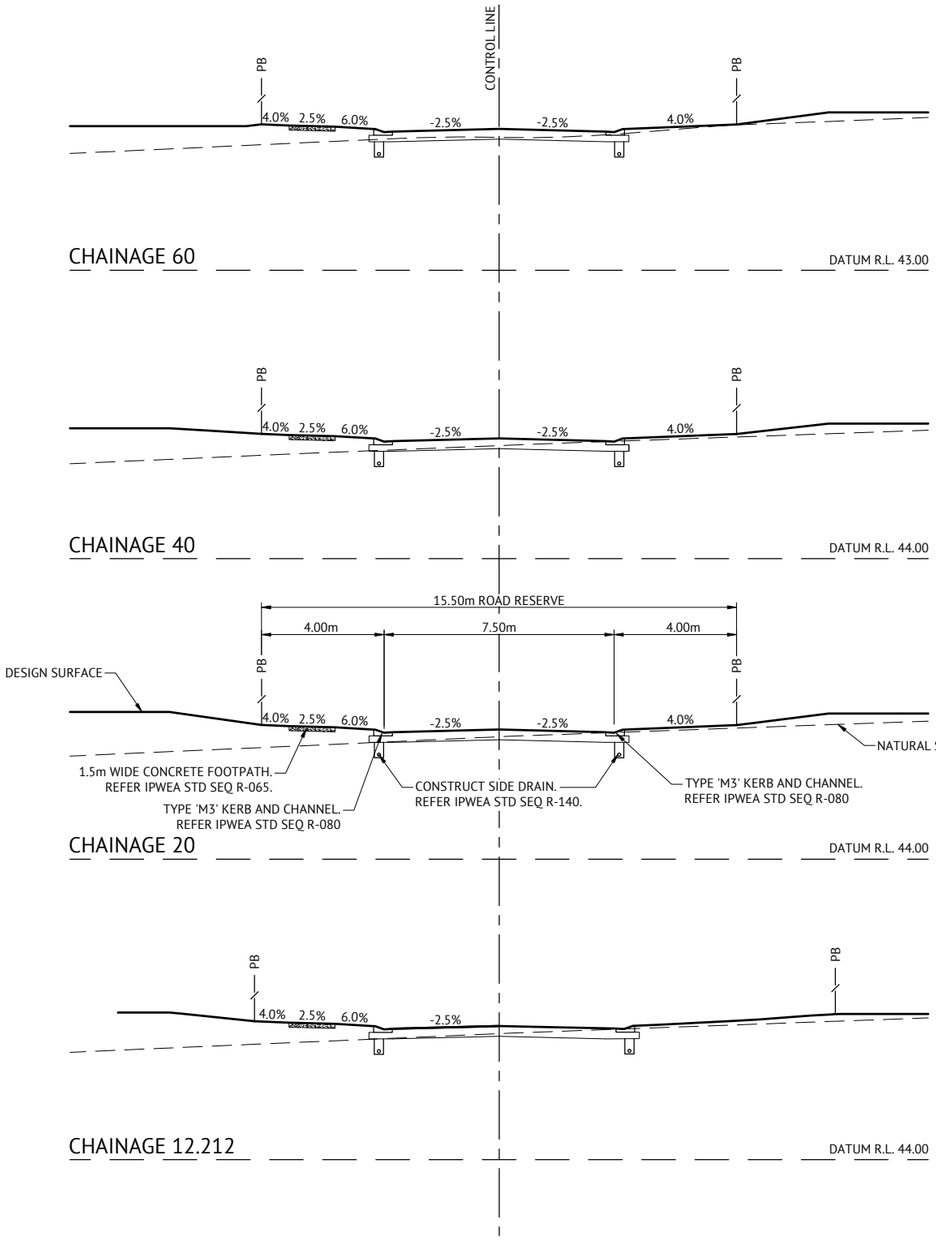
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

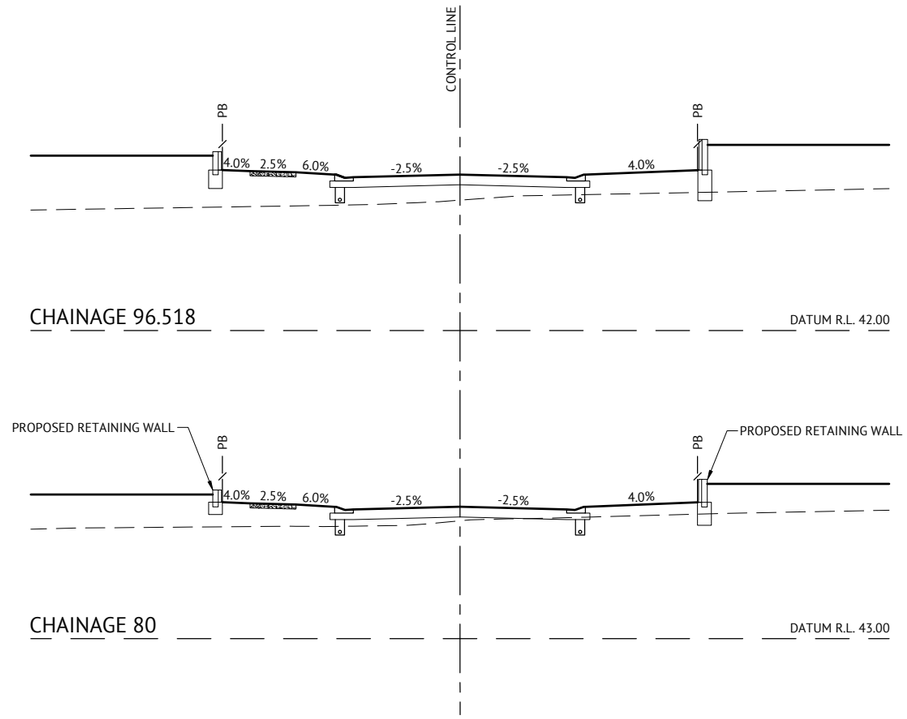
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 111 LONG AND SECTION

JOB CODE MIR-0804
SHEET NUMBER C311
REV B





ROAD 111 CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

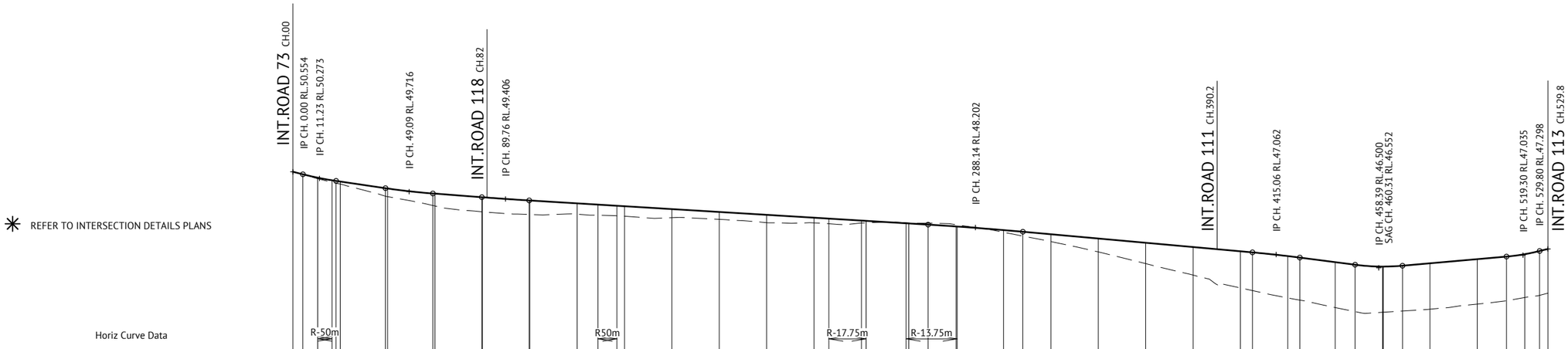
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: ROAD 111 CROSS SECTIONS

JOB CODE: MIR-0804
SHEET NUMBER: C312
REV: B



PAVEMENT DESIGN (PRELIMINARY)

ROADS	-	ROAD 112 (CH.0.00-CH.4.23)
CLASS	-	NEIGHBOURHOOD CONNECTOR 2
ESA's	-	6.40 x 10^6
SURFACE	-	50mm AC of 14mm MIX
PRIMER TYPE	-	PRIMER SEAL
CBR 80	-	300mm
CBR 45	-	100mm
TOTAL BOX	-	450mm

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.

PAVEMENT DESIGN (PRELIMINARY)

ROADS	-	ROAD 112 (CH.4.23-CH.529.80)
CLASS	-	ACCESS STREET (PARK)
ESA's	-	5.90 x 10^5
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

CUT (-)/FILL DEPTH	0.000	0.007	0.044	0.084	0.096	0.110	0.337	0.344	0.510	0.524	0.614	0.614	0.593	0.592	0.461	0.449	0.427
LHS LIP LEVEL	✳			50.109	50.083	50.057	49.776	49.763	49.553	49.546	✳			49.257	49.135	49.082	49.033
RHS LIP LEVEL	✳			50.114	50.088	50.062	49.781	49.767	49.557	49.550	49.400	49.398	49.263	49.261	49.140	49.086	49.038
DESIGN SURFACE	50.554	50.448	50.306	50.196	50.170	50.144	49.863	49.850	49.640	49.633	49.482	49.480	49.345	49.344	49.222	49.169	49.120
NATURAL SURFACE	50.554	50.442	50.262	50.113	50.074	50.034	49.526	49.505	49.130	49.109	48.868	48.866	48.752	48.751	48.761	48.720	48.694
CHAINAGE	0.00	4.23	10.49	16.53	18.23	20.00	39.09	40.00	59.09	60.00	79.76	80.00	99.76	100.00	120.00	128.81	136.81

CUT (-)/FILL DEPTH	0.419	0.362	0.312	0.330	0.218	0.216	0.104	0.083	-0.020	-0.018	-0.059	-0.074	-0.071	0.091	0.184	0.307	0.566
LHS LIP LEVEL	49.014	48.893	48.771	48.650	48.529	48.491	48.407	48.395	48.293	48.287	48.251	48.184	48.181	48.031	47.960	47.854	47.674
RHS LIP LEVEL	49.018	48.897	48.776	48.654	48.533	48.495	48.412	48.400	48.298	48.292	48.253	48.189	48.186	48.036	47.965	47.858	47.679
DESIGN SURFACE	49.101	48.980	48.858	48.737	48.616	48.578	48.494	48.482	48.380	48.373	48.323	48.246	48.243	48.093	48.022	47.916	47.736
NATURAL SURFACE	48.682	48.617	48.546	48.407	48.397	48.362	48.391	48.399	48.400	48.391	48.382	48.320	48.314	48.002	47.838	47.609	47.171
CHAINAGE	140.00	160.00	180.00	200.00	220.00	226.24	240.00	242.00	258.85	260.00	268.14	280.00	280.45	300.00	308.14	320.00	340.00

CUT (-)/FILL DEPTH	0.880	1.185	1.548	1.613	1.768	1.798	1.915	1.978	1.931	1.929	1.913	1.938	1.897	1.866	1.830	1.872	1.869
LHS LIP LEVEL	47.494	✳		47.090	46.933	46.870	46.676	46.568	46.490	46.490	46.526	46.628	46.804	46.912	✳		
RHS LIP LEVEL	47.499	47.319	47.140	47.094	46.938	46.875	46.681	46.572	46.495	46.495	46.530	46.632	46.808	46.916	✳		
DESIGN SURFACE	47.556	47.377	47.197	47.152	46.995	46.932	46.738	46.630	46.552	46.552	46.588	46.690	46.866	46.974	47.076	47.210	47.298
NATURAL SURFACE	46.677	46.192	45.649	45.539	45.227	45.135	44.823	44.651	44.621	44.623	44.675	44.752	44.969	45.108	45.246	45.339	45.429
CHAINAGE	360.00	380.00	400.00	405.06	420.00	425.06	440.00	448.39	460.00	460.31	468.39	480.00	500.00	512.30	520.00	526.30	529.80

ROAD 112 LONGITUDINAL SECTION

SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

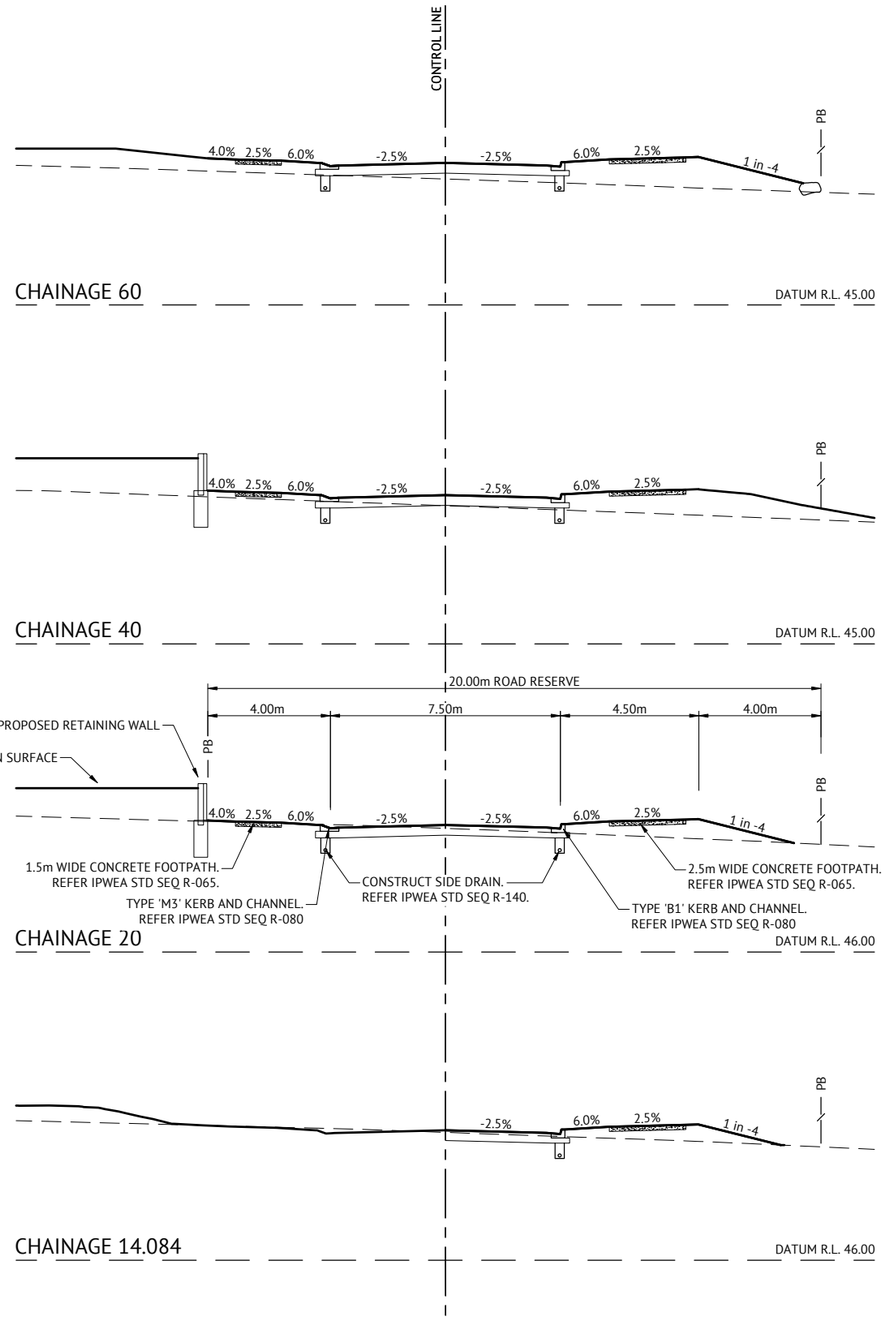
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

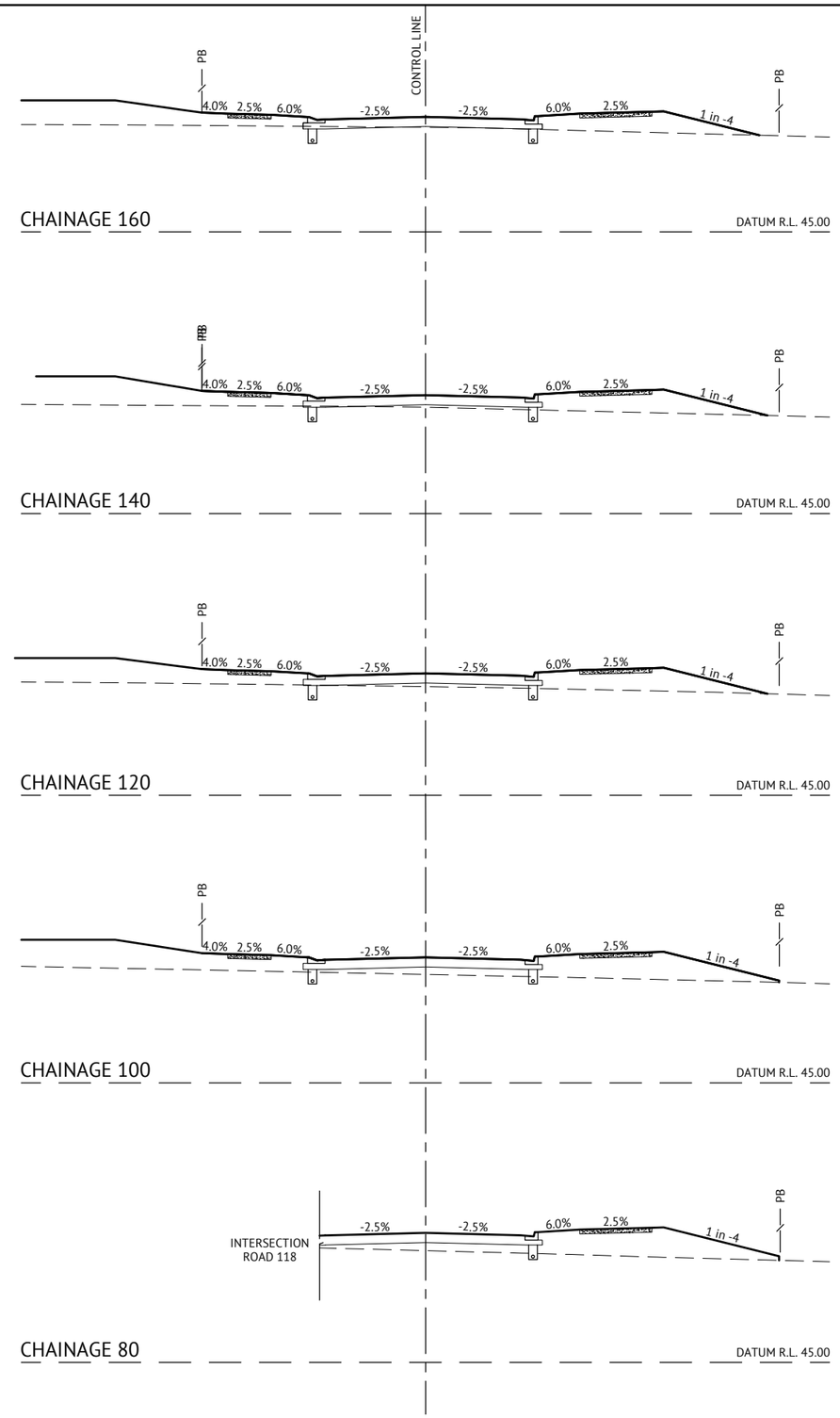
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1) 0 20 40 60m
VERTICAL 1:100 (A1) 0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 112 LONG SECTION

JOB CODE MIR-0804
SHEET NUMBER C313
REV B





ROAD 112 CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

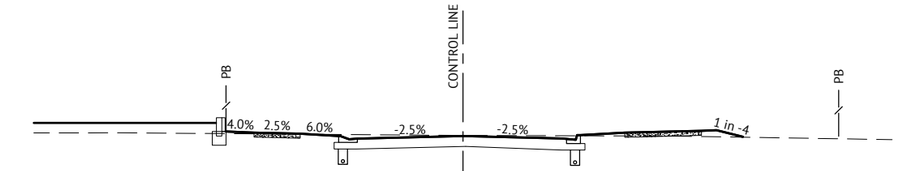
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

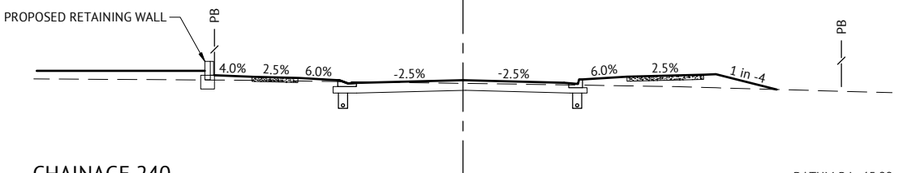
SCALE
0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 112 CROSS SECTIONS - SHEET 1

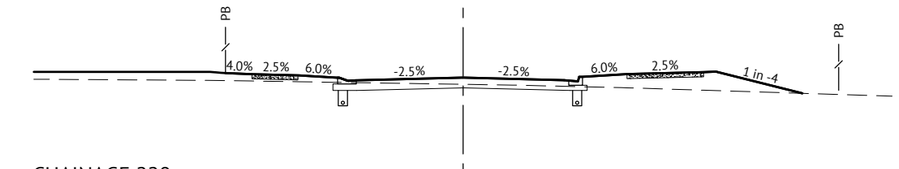
JOB CODE MIR-0804
SHEET NUMBER C314
REV B



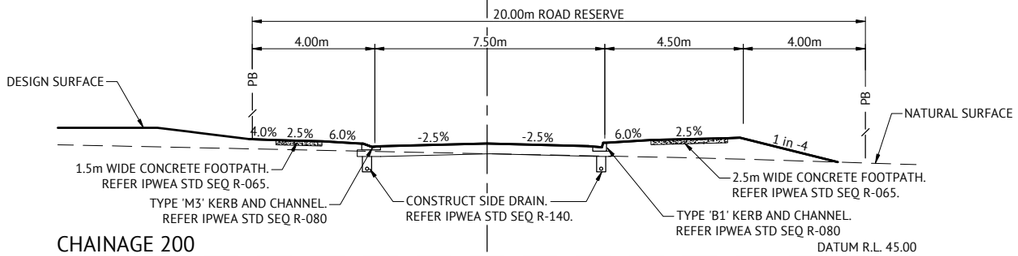
CHAINAGE 260 DATUM R.L. 45.00



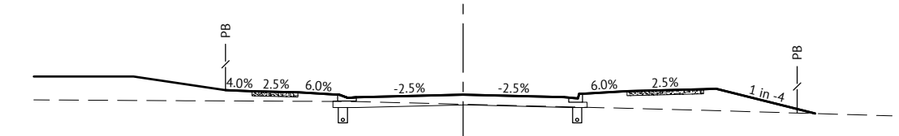
CHAINAGE 240 DATUM R.L. 45.00



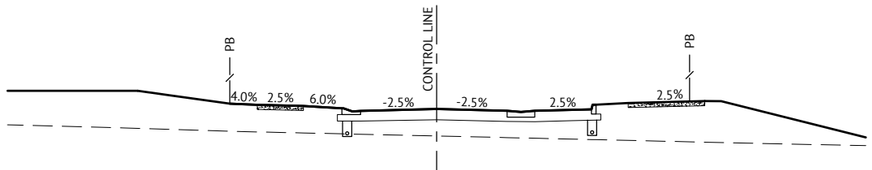
CHAINAGE 220 DATUM R.L. 45.00



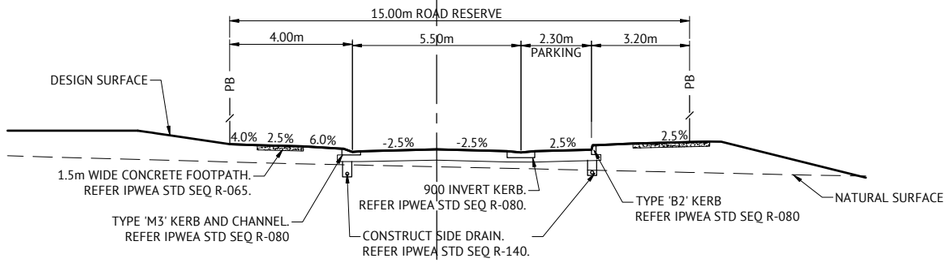
CHAINAGE 200 DATUM R.L. 45.00



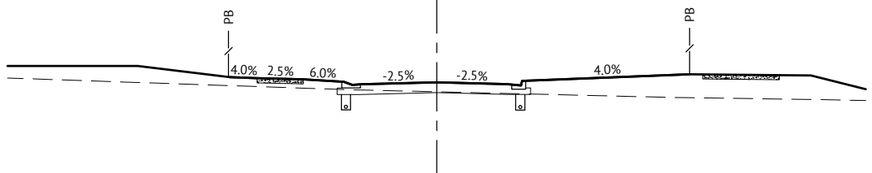
CHAINAGE 180 DATUM R.L. 45.00



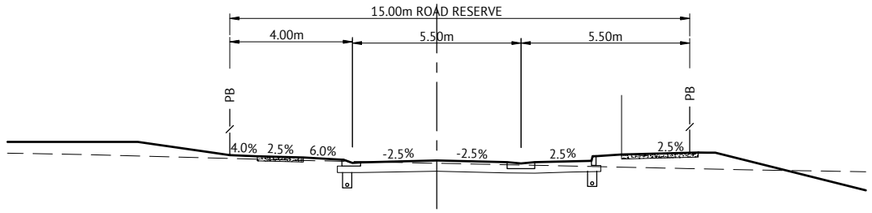
CHAINAGE 360 DATUM R.L. 43.00



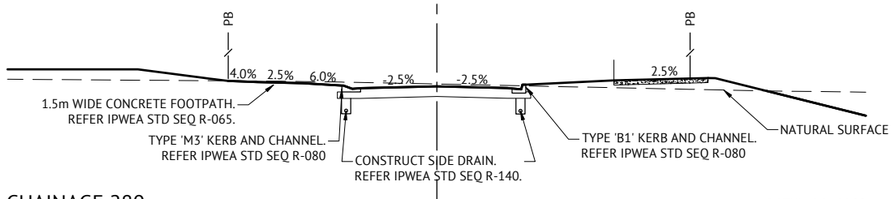
CHAINAGE 340 DATUM R.L. 43.00



CHAINAGE 320 DATUM R.L. 44.00



CHAINAGE 300 DATUM R.L. 44.00



CHAINAGE 280 DATUM R.L. 44.00

ROAD 112 CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

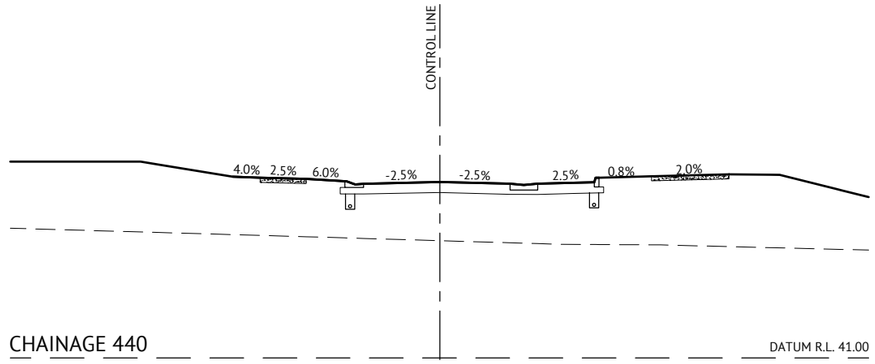
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

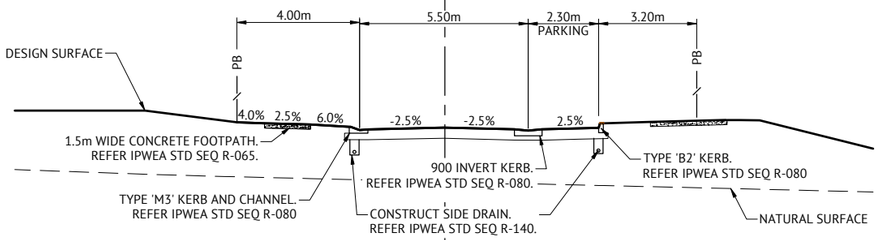
SCALE 0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 112 CROSS SECTIONS - SHEET 2

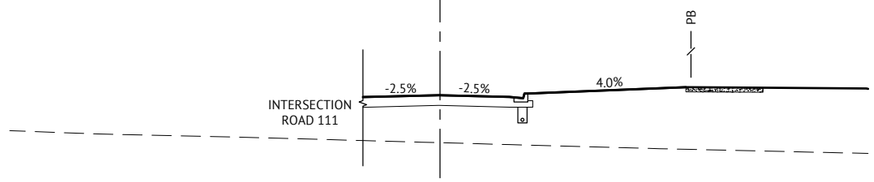
JOB CODE MIR-0804
SHEET NUMBER C315
REV B



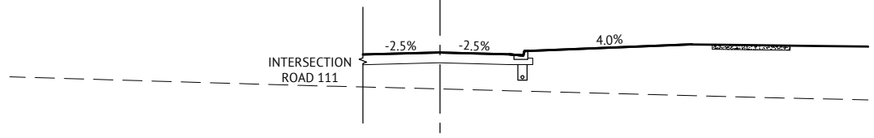
CHAINAGE 440 — DATUM R.L. 41.00



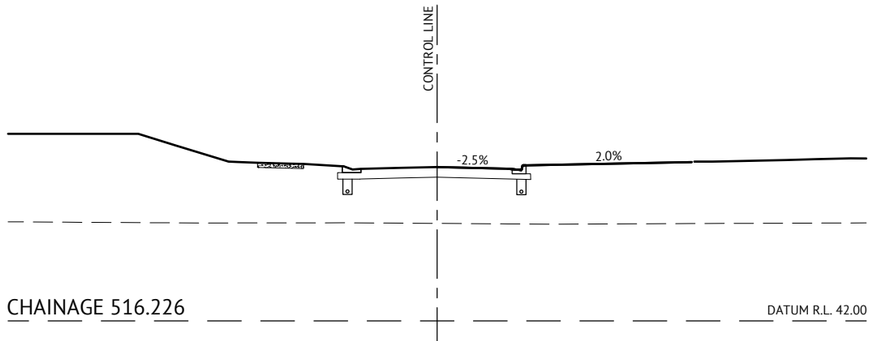
CHAINAGE 420 — DATUM R.L. 41.00



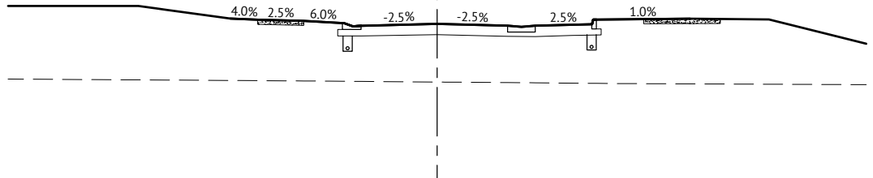
CHAINAGE 400 — DATUM R.L. 42.00



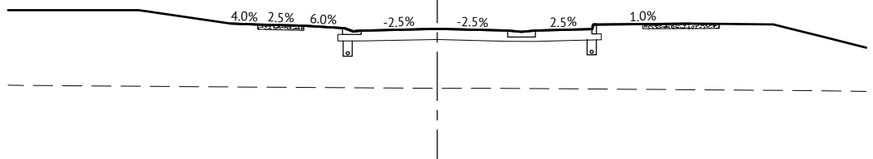
CHAINAGE 380 — DATUM R.L. 42.00



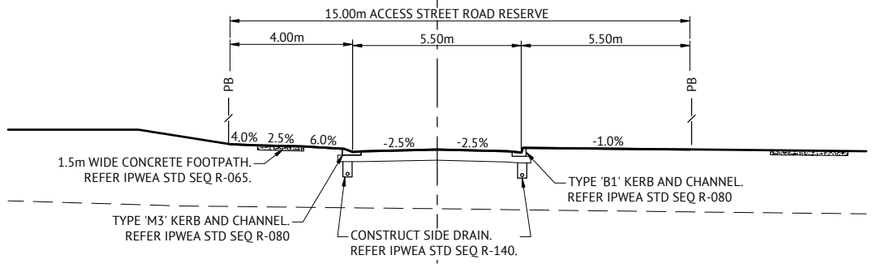
CHAINAGE 516.226 — DATUM R.L. 42.00



CHAINAGE 500 — DATUM R.L. 41.00



CHAINAGE 480 — DATUM R.L. 41.00



CHAINAGE 460 — DATUM R.L. 41.00

ROAD 112 CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

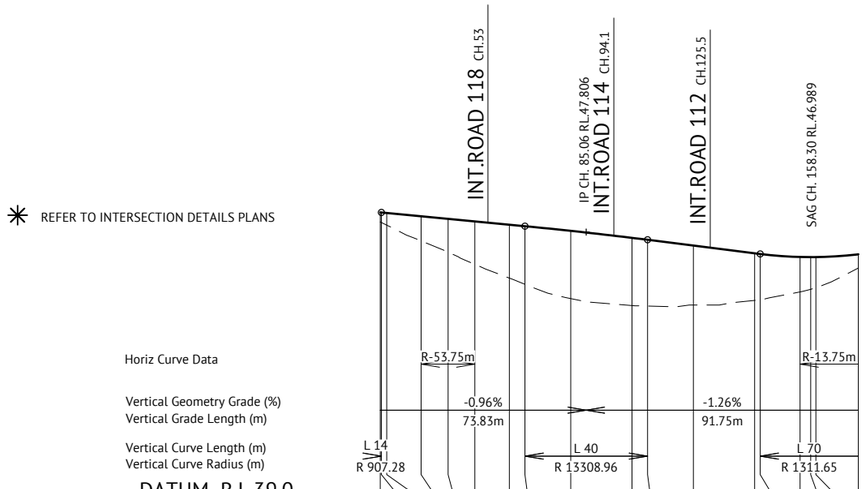
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 112 CROSS SECTIONS - SHEET 3

JOB CODE MIR-0804
SHEET NUMBER C316
REV B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 113
CLASS	-	ACCESS STREET (TYPICAL/PARK)
ESA's	-	5.90×10^5
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



DATUM R.L.39.0

CHAINAGE	17.87	18.23	20.00	31.20	40.00	48.74	60.00	65.06	80.00	100.00	105.06	120.00	140.00	141.81	154.81	158.30	160.00	173.84
CUT (-)/FILL DEPTH	0.311	0.326	0.396	0.804	1.087	1.399	1.740	1.895	2.207	2.205	2.162	1.939	1.537	1.496	1.138	1.050	0.998	0.447
LHS LIP LEVEL	48.363	48.359	48.342	48.235	48.151	48.067	47.959	47.911	47.760	✳		47.280	47.029	47.006	46.907	46.907	46.911	47.019
RHS LIP LEVEL	48.363	48.359	48.342	48.235	48.151	✳			47.760	47.531	47.468	✳	47.033	47.010	46.911	46.908	46.910	47.020
DESIGN SURFACE	48.450	48.446	48.429	48.322	48.238	48.154	48.046	47.998	47.847	47.618	47.555	47.367	47.116	47.093	46.994	46.989	46.990	47.081
NATURAL SURFACE	48.138	48.120	48.033	47.518	47.150	46.755	46.306	46.103	45.639	45.412	45.393	45.428	45.579	45.597	45.855	45.940	45.992	46.634

ROAD 113 LONGITUDINAL SECTION
SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

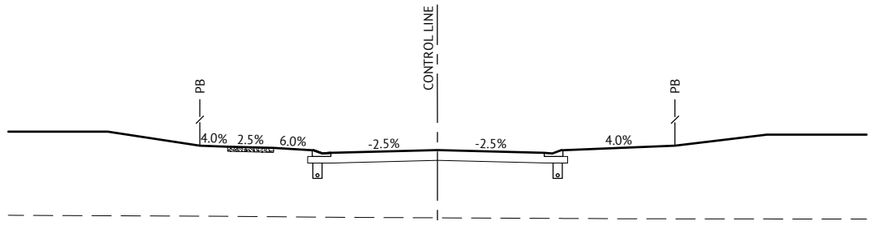
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

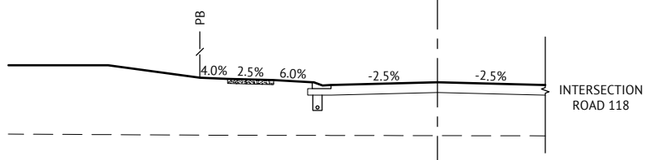
SCALE
HORIZONTAL 1:1000 (A1) 0 20 40 60m
VERTICAL 1:100 (A1) 0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT
MIRVAC QLD PTY LTD
PROJECT
EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION
TEVIOT ROAD, GREENBANK
SHEET TITLE
ROAD 113 LONG SECTION

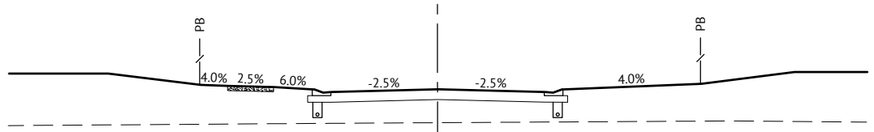
JOB CODE
MIR-0804
SHEET NUMBER
C317
REV
B



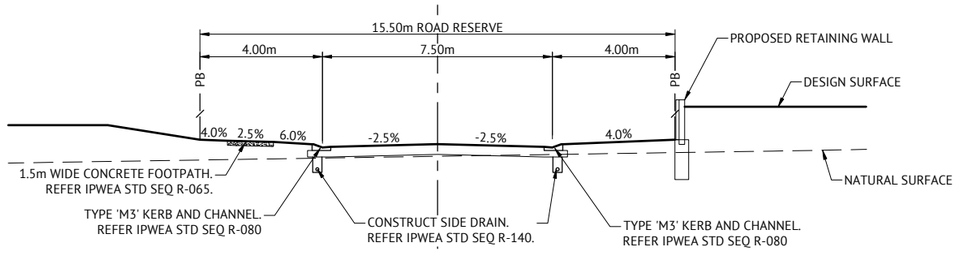
CHAINAGE 80 — DATUM R.L. 42.00



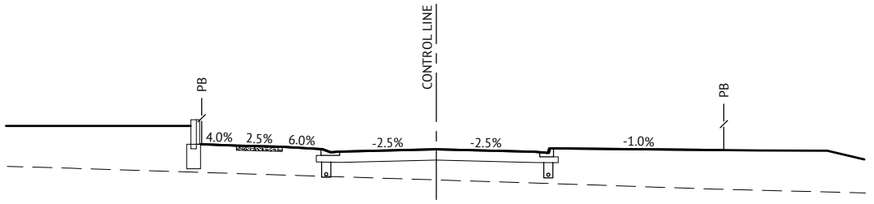
CHAINAGE 60 — DATUM R.L. 43.00



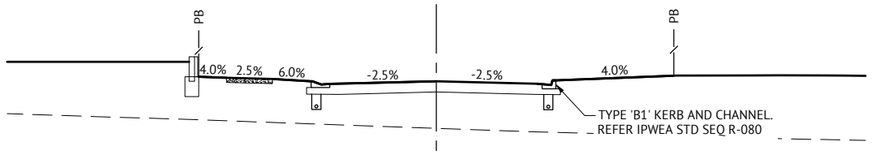
CHAINAGE 40 — DATUM R.L. 44.00



CHAINAGE 20 — DATUM R.L. 44.00

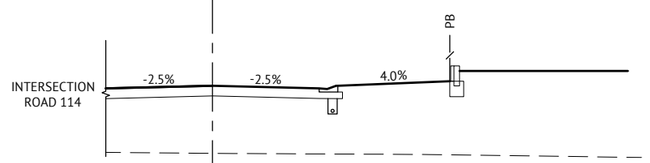


CHAINAGE 160 — DATUM R.L. 42.00



CHAINAGE 140 — DATUM R.L. 42.00

CHAINAGE 120 — DATUM R.L. 42.00



CHAINAGE 100 — DATUM R.L. 42.00

ROAD 113 CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION				
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB
DATE	REV	DESCRIPTION	REC	APP
REVISIONS				

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 RPEQ 7112

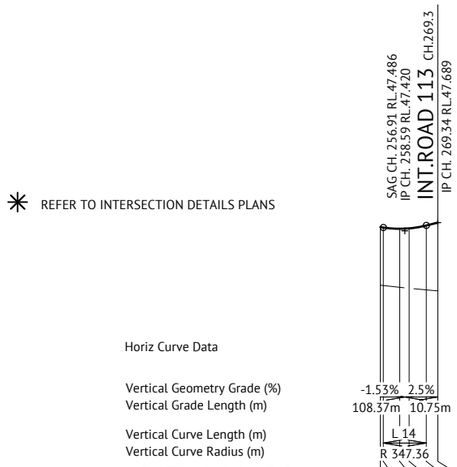
SCALE: 0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: ROAD 113 CROSS SECTIONS

JOB CODE: MIR-0804
SHEET NUMBER: C318
REV: B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 114
CLASS	-	ACCESS STREET (TYPICAL)
ESA's	-	5.90×10^5
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.

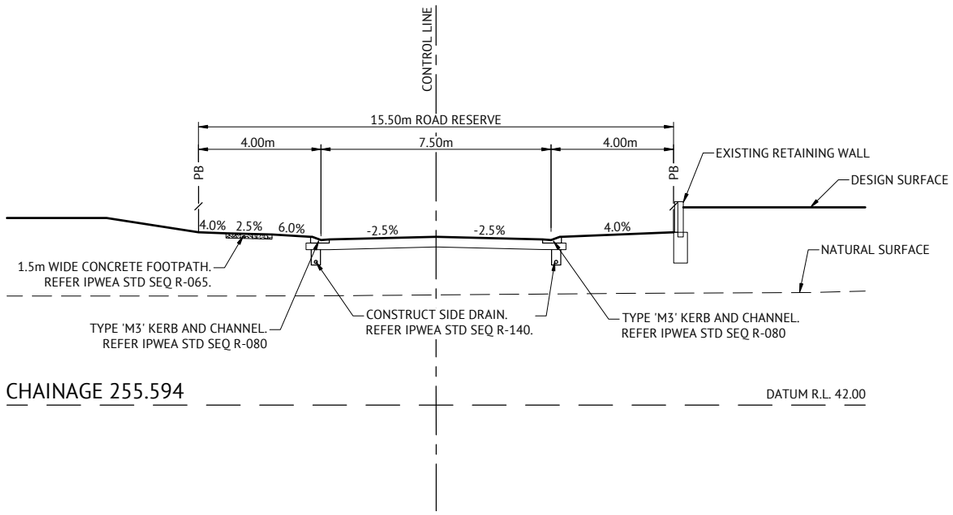


DATUM R.L.39.0

CUT (-)/FILL DEPTH	1.895	1.890	1.907	1.955	2.102	2.229
LHS LIP LEVEL	47.455	47.440	✳			
RHS LIP LEVEL	47.455	47.440	✳			
DESIGN SURFACE	47.542	47.527	47.486	47.500	47.595	47.689
NATURAL SURFACE	45.648	45.637	45.579	45.545	45.493	45.460
CHAINAGE	250.59	251.59	256.91	260.00	265.59	269.34

ROAD 114 LONGITUDINAL SECTION

SCALE 1:1000(H) 1:100(V)



ROAD 114 CROSS SECTION

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

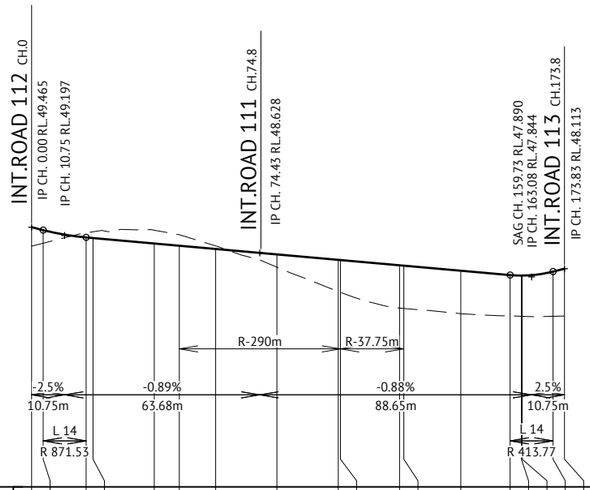
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 114 LONG AND CROSS SECTIONS

JOB CODE MIR-0804
SHEET NUMBER C319
REV B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	ROAD 118
CLASS	-	ACCESS STREET (TYPICAL)
ESA's	-	5.90 x 10^5
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



DATUM R.L.41.0

CHAINAGE	CUT (-)/FILL DEPTH	LHS LIP LEVEL	RHS LIP LEVEL	DESIGN SURFACE	NATURAL SURFACE
0.00	0.617	✳	✳	49.465	48.848
3.75	0.427			49.372	48.945
17.75	-0.147	49.047	49.047	49.134	49.281
20.00	-0.202	49.027	49.027	49.114	49.316
40.00	-0.433	48.848	48.848	48.935	49.368
48.18	-0.358	48.775	48.775	48.862	49.220
60.00	-0.102	48.670	48.670	48.757	48.859
80.00	0.417	48.491	✳	48.578	48.162
100.00	1.033	48.315	48.315	48.402	47.369
100.76	1.055	48.308	48.308	48.395	47.340
120.00	1.395	48.138	48.138	48.225	46.830
121.40	1.396	48.126	48.126	48.213	46.817
140.00	1.401	47.961	47.961	48.048	46.647
156.08	1.327	47.819	47.819	47.906	46.579
159.73	1.327	47.803	47.803	47.890	46.563
160.00	1.328	47.803	47.803	47.890	46.562
170.08	1.458	✳	✳	48.019	46.562
173.83	1.543			48.113	46.570

ROAD 118 LONGITUDINAL SECTION

SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

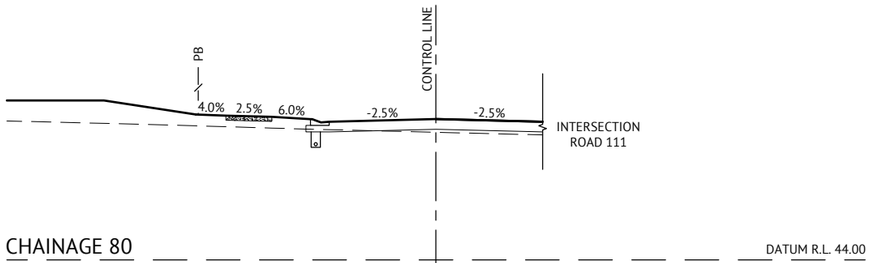
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

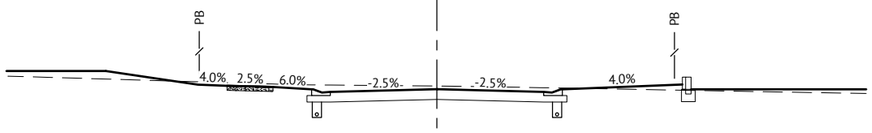
SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
0 2 4 6m
VERTICAL 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 118 LONG SECTION

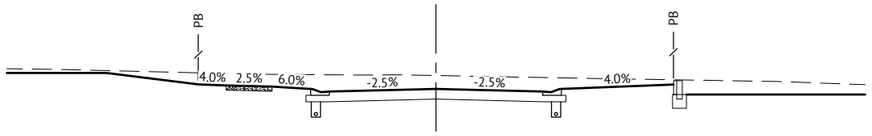
JOB CODE MIR-0804
SHEET NUMBER C320
REV B



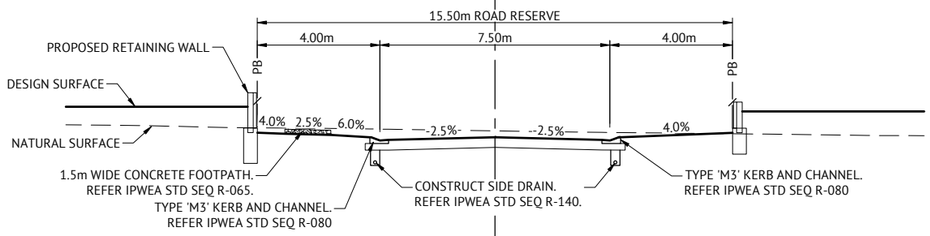
CHAINAGE 80 — DATUM R.L. 44.00



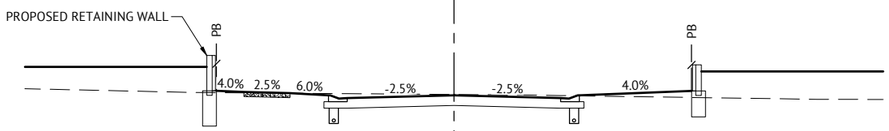
CHAINAGE 60 — DATUM R.L. 45.00



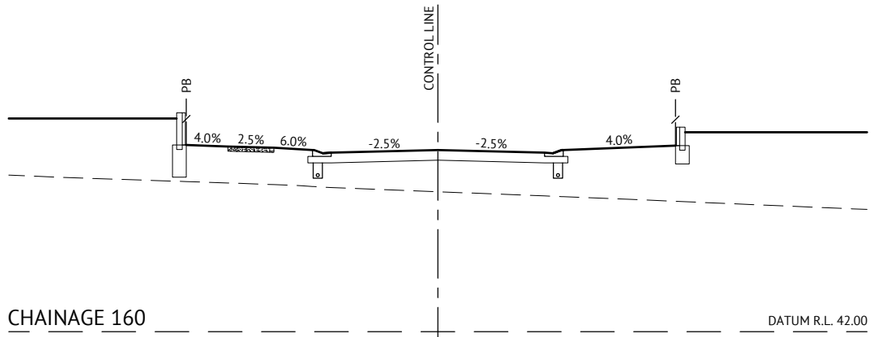
CHAINAGE 40 — DATUM R.L. 45.00



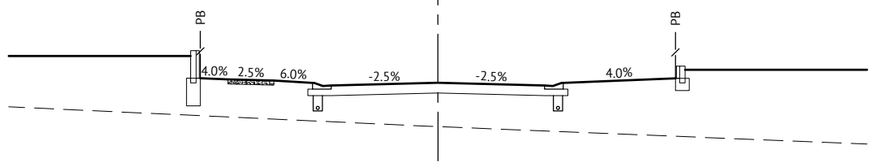
CHAINAGE 20 — DATUM R.L. 45.00



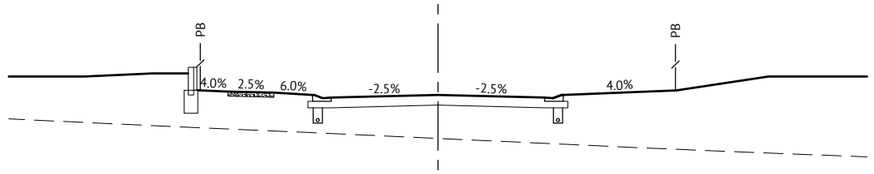
CHAINAGE 13.75 — DATUM R.L. 46.00



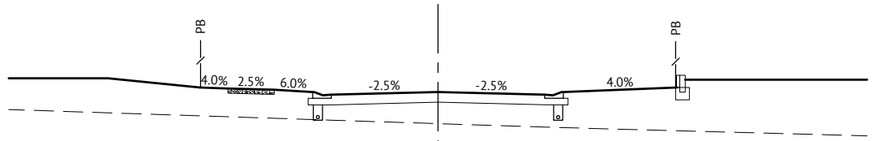
CHAINAGE 160 — DATUM R.L. 42.00



CHAINAGE 140 — DATUM R.L. 43.00



CHAINAGE 120 — DATUM R.L. 43.00



CHAINAGE 100 — DATUM R.L. 43.00

ROAD 118 CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

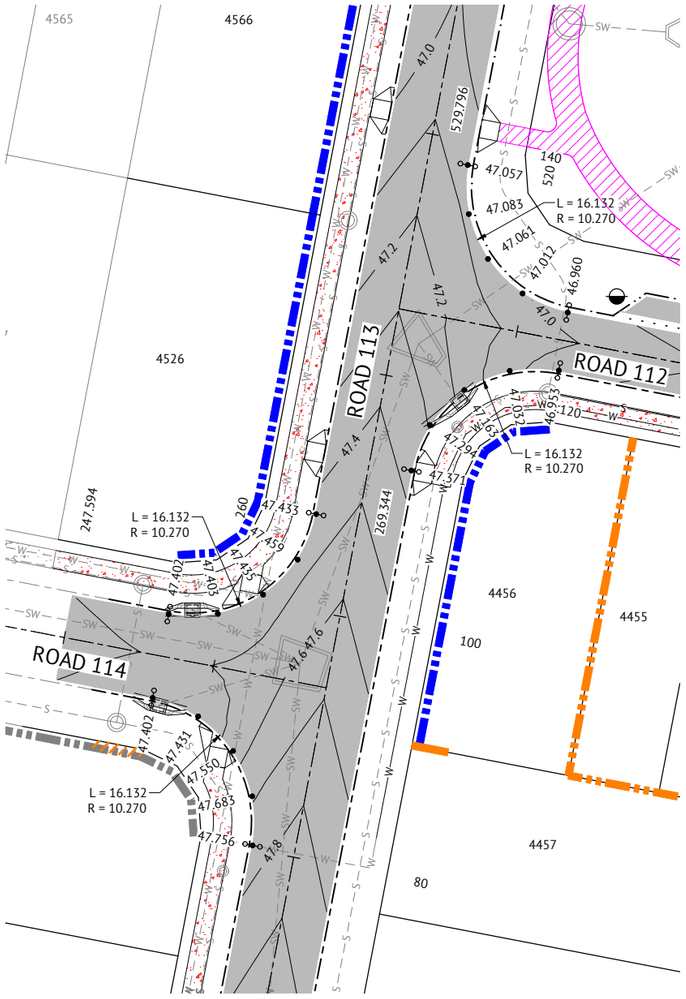
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

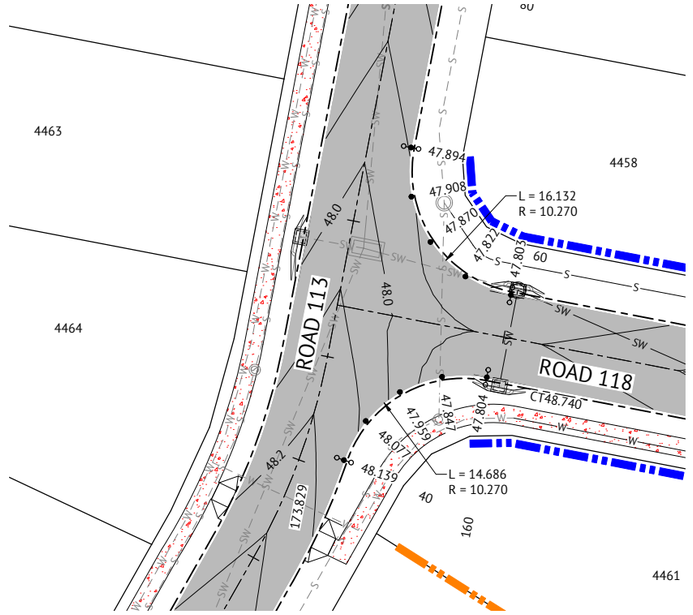
SCALE 0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROAD 118 CROSS SECTIONS

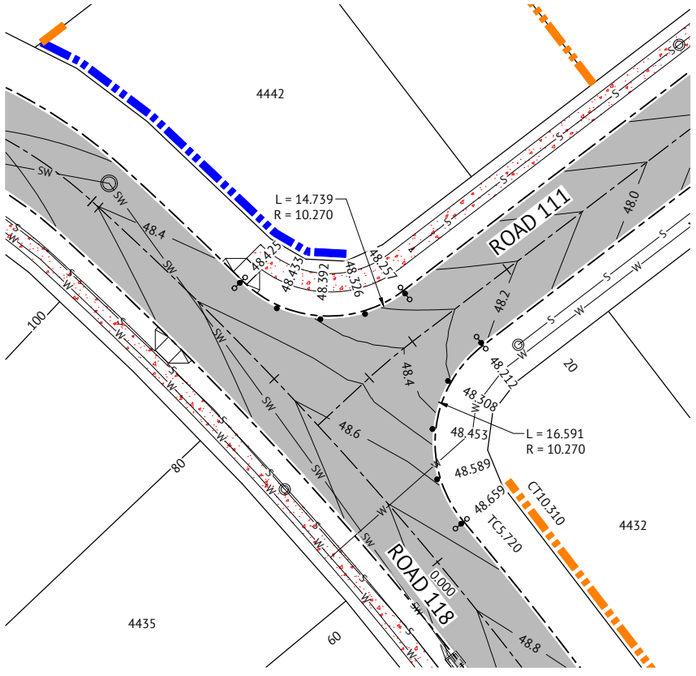
JOB CODE MIR-0804
SHEET NUMBER C321
REV B



INTERSECTION ROAD 112 AND ROAD 113
INTERSECTION ROAD 113 AND ROAD 114
SCALE 1:250



INTERSECTION ROAD 113 AND ROAD 118
SCALE 1:250



INTERSECTION ROAD 111 AND ROAD 118
SCALE 1:250

LEGEND - PROPOSED

- PAVEMENT
- 58.0 — 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.
- 61.748 — LIP OF KERB LEVEL
- TRANSITION IN KERB AND CHANNEL TYPE
- SW — PROPOSED STORMWATER
- S — PROPOSED SEWER
- W — PROPOSED WATER
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- DURATHEM THRESHOLD TREATMENT. REFER TO URBIS EVERLEIGH LANDSCAPE MASTERPLAN - PART B (PAGE 20) FOR COLOUR AND PATTERN.

LEGEND - CONSTRUCTED

- SW — EXISTING STORMWATER
- S — EXISTING SEWER
- W — EXISTING WATER
- E — EXISTING ELECTRICAL
- T — EXISTING TELSTRA
- G — EXISTING GAS

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

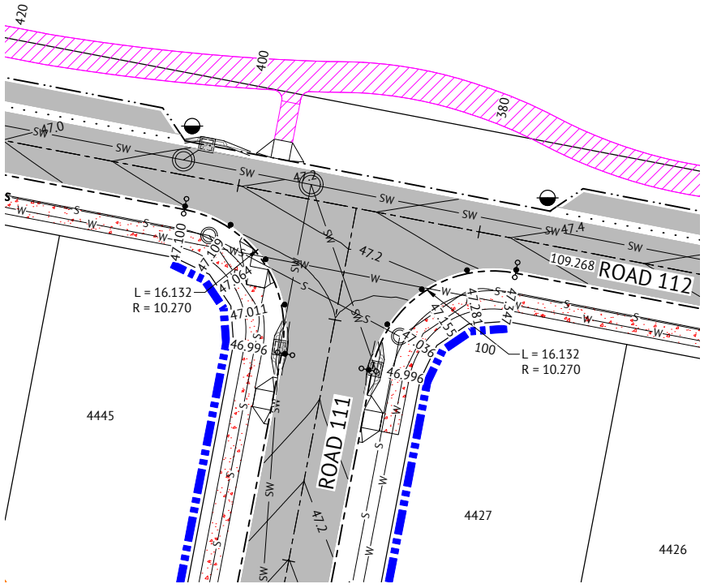
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

SCALE: 0 5 10 15m
SCALE 1:250 (A1)
ORIGINAL SHEET SIZE A1

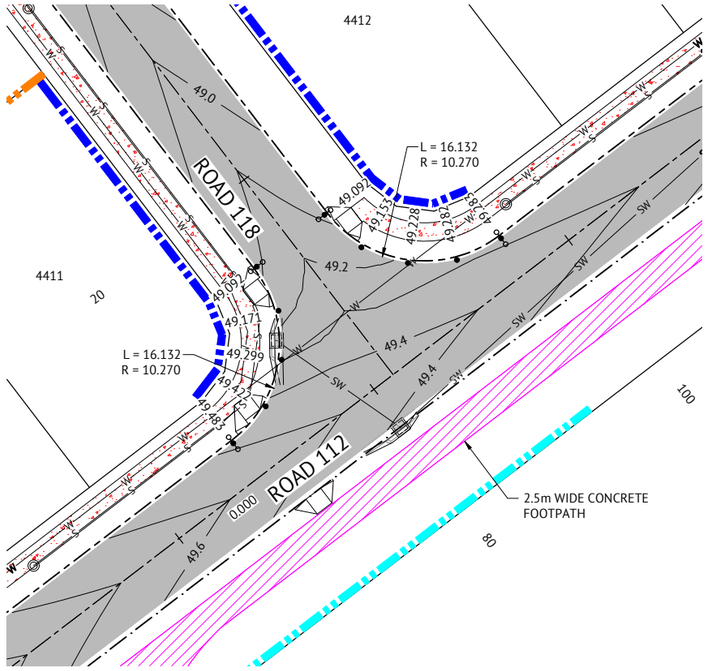
CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: INTERSECTION DETAILS LAYOUT - SHEET 1

JOB CODE: MIR-0804
SHEET NUMBER: C322
REV: B



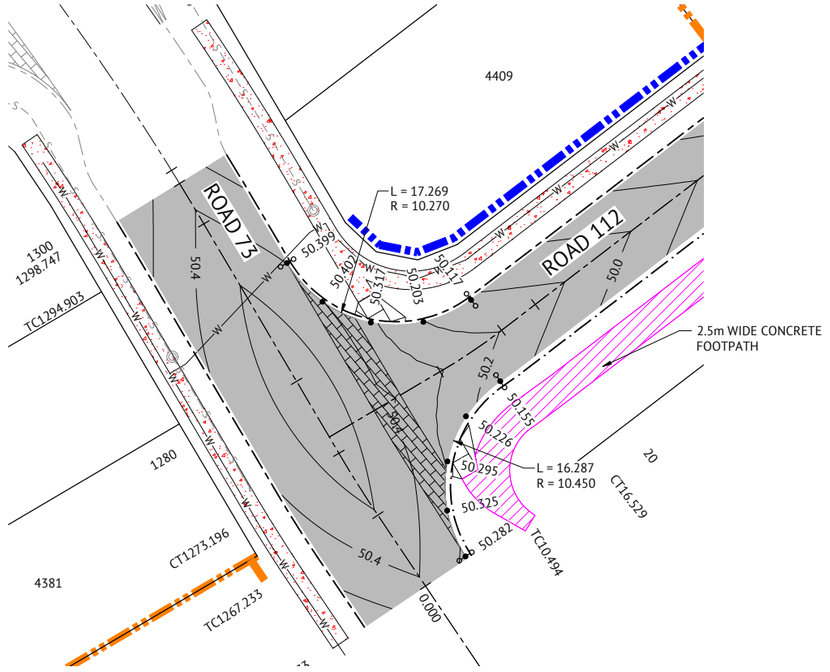
INTERSECTION ROAD 111 AND ROAD 112

SCALE 1:250



INTERSECTION ROAD 112 AND ROAD 118

SCALE 1:250



INTERSECTION ROAD 73 AND ROAD 112

SCALE 1:250

LEGEND - PROPOSED

- PAVEMENT
- 58.0 — 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.
- 61.748 — LIP OF KERB LEVEL
- TRANSITION IN KERB AND CHANNEL TYPE
- SW — PROPOSED STORMWATER
- S — PROPOSED SEWER
- W — PROPOSED WATER
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED BOULDER RETAINING WALL
- DURATHEM THRESHOLD TREATMENT. REFER TO URBIS EVERLEIGH LANDSCAPE MASTERPLAN - PART B (PAGE 20) FOR COLOUR AND PATTERN.

LEGEND - CONSTRUCTED

- SW — EXISTING STORMWATER
- S — EXISTING SEWER
- W — EXISTING WATER
- E — EXISTING ELECTRICAL
- T — EXISTING TELSTRA
- G — EXISTING GAS

NOTE

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE: 0 5 10 15m — SCALE 1:250 (A1)

ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: INTERSECTION DETAILS LAYOUT - SHEET 2

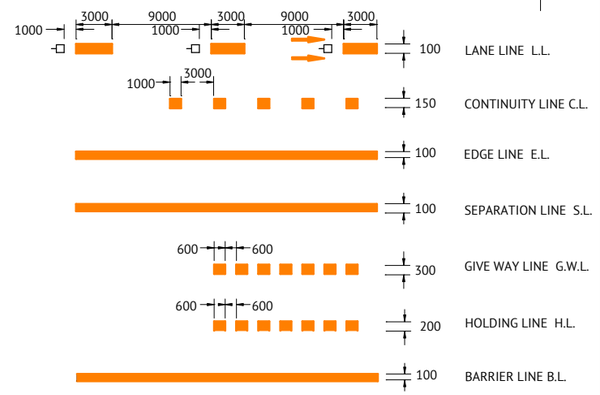
JOB CODE: MIR-0804
SHEET NUMBER: C323
REV: B

PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN

SCALE 1:500

TYPICAL LINEMARKING LEGEND

N.T.S.



DURATHEM THRESHOLD TREATMENT. REFER TO URBIS EVERLEIGH LANDSCAPE MASTERPLAN - PART B (PAGE 20) FOR COLOUR AND PATTERN.

TACTILE GROUND SURFACE INDICATORS (TGSI's) TO BE INSTALLED AT ALL KERB RAMPS ON MAJOR ROADS IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1428.1 (2009)

LINEMARKING NOTES

1. 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.
2. ALL INTERNAL LINE MARKING TO CONSIST OF LINES 100mm WIDE WITH 2 COATS OF PAINT TO MANUFACTURERS SPECIFICATIONS.
3. EXTENT OF LINEMARKING SHALL BE VERIFIED ON SITE PRIOR TO INSTALLATION.
4. ALL PAINTED MARKINGS SHALL BE APPROVED REFLECTORISED U.N.O.
5. ANY EXISTING LINE MARKINGS DAMAGED BY THE PROPOSED WORKS ARE TO BE REINSTATED.
6. EXISTING CONFLICTING LINE MARKINGS ARE TO BE GROUND OFF BY METHODS APPROVED BY THE DISTRICT ENGINEER.
7. 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.
8. GENERALLY THE NORMAL SPACING BETWEEN RRPM's IS TO BE 12.0m U.N.O.
9. ANY EXISTING LINEMARKING NOT SHOWN ON THIS PLAN WHICH CONFLICTS OR IS INCOMPATIBLE WITH THE PROPOSED LINEMARKING SHALL BE REMOVED BY THE CONTRACTOR.
10. NOSE OF ISLANDS TO BE PAINTED WHITE WITH GLASS BEADS.
11. ALL STREET LIGHTING IN ACCORDANCE WITH AS1158.

SIGNAGE NOTES

1. WHERE STREET NAME SIGNS ARE ERECTED ABOVE FOOTWAYS, MOUNTING HEIGHTS SHALL BE NOT LESS THAN 2.5m AND NOT MORE THAN 3.0m MEASURED FROM GROUND LEVEL AT THE SIGNPOST TO THE UNDERSIDE OF THE LOWEST SIGN.
2. 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.
3. SIGNS SHOULD BE ORIENTATED AT APPROXIMATELY RIGHT ANGLES TO, AND FACING THE TRAFFIC THEY ARE INTENDED TO SERVE.
4. SIGNAGE SHALL BE IN ACCORDANCE WITH:
   - AS1742 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
   - AS1743 ROAD SIGNS SPECIFICATION
   - AS4049.1 PAVEMENT MARKING MATERIALS
5. STREET NAME SIGNS ARE TO BE INSTALLED WITH THE RELEVANT HOUSE NUMBERS IN ACCORDANCE WITH THE RELEVANT LOCAL COUNCIL STANDARD DRAWINGS.

REQUIRED SIGNS

R1-2A

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 1

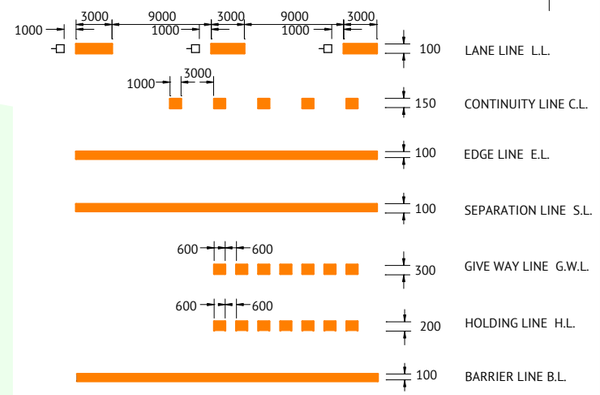
JOB CODE MIR-0804
SHEET NUMBER C330
REV B

PAVEMENT MARKINGS AND SIGNAGE LAYOUT

SCALE 1:500

TYPICAL LINEMARKING LEGEND

N.T.S.



DURATHEM THRESHOLD TREATMENT. REFER TO URBIS EVERLEIGH LANDSCAPE MASTERPLAN - PART B (PAGE 20) FOR COLOUR AND PATTERN.

TACTILE GROUND SURFACE INDICATORS (TGSI's) TO BE INSTALLED AT ALL KERB RAMPS ON MAJOR ROADS IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1428.1 (2009)

LINEMARKING NOTES

1. 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.
2. ALL INTERNAL LINE MARKING TO CONSIST OF LINES 100mm WIDE WITH 2 COATS OF PAINT TO MANUFACTURERS SPECIFICATIONS.
3. EXTENT OF LINEMARKING SHALL BE VERIFIED ON SITE PRIOR TO INSTALLATION.
4. ALL PAINTED MARKINGS SHALL BE APPROVED REFLECTORISED U.N.O.
5. ANY EXISTING LINE MARKINGS DAMAGED BY THE PROPOSED WORKS ARE TO BE REINSTATED.
6. EXISTING CONFLICTING LINE MARKINGS ARE TO BE GROUND OFF BY METHODS APPROVED BY THE DISTRICT ENGINEER.
7. 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.
8. GENERALLY THE NORMAL SPACING BETWEEN RRPM's IS TO BE 12.0m U.N.O.
9. ANY EXISTING LINEMARKING NOT SHOWN ON THIS PLAN WHICH CONFLICTS OR IS INCOMPATIBLE WITH THE PROPOSED LINEMARKING SHALL BE REMOVED BY THE CONTRACTOR.
10. NOSE OF ISLANDS TO BE PAINTED WHITE WITH GLASS BEADS.
11. ALL STREET LIGHTING IN ACCORDANCE WITH AS1158.

SIGNAGE NOTES

1. WHERE STREET NAME SIGNS ARE ERECTED ABOVE FOOTWAYS, MOUNTING HEIGHTS SHALL BE NOT LESS THAN 2.5m AND NOT MORE THAN 3.0m MEASURED FROM GROUND LEVEL AT THE SIGNPOST TO THE UNDERSIDE OF THE LOWEST SIGN.
2. 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.
3. SIGNS SHOULD BE ORIENTATED AT APPROXIMATELY RIGHT ANGLES TO, AND FACING THE TRAFFIC THEY ARE INTENDED TO SERVE.
4. SIGNAGE SHALL BE IN ACCORDANCE WITH:
   - AS1742 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
   - AS1743 ROAD SIGNS SPECIFICATION
   - AS4049.1 PAVEMENT MARKING MATERIALS
5. STREET NAME SIGNS ARE TO BE INSTALLED WITH THE RELEVANT HOUSE NUMBERS IN ACCORDANCE WITH THE RELEVANT LOCAL COUNCIL STANDARD DRAWINGS.

REQUIRED SIGNS

R1-2A

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

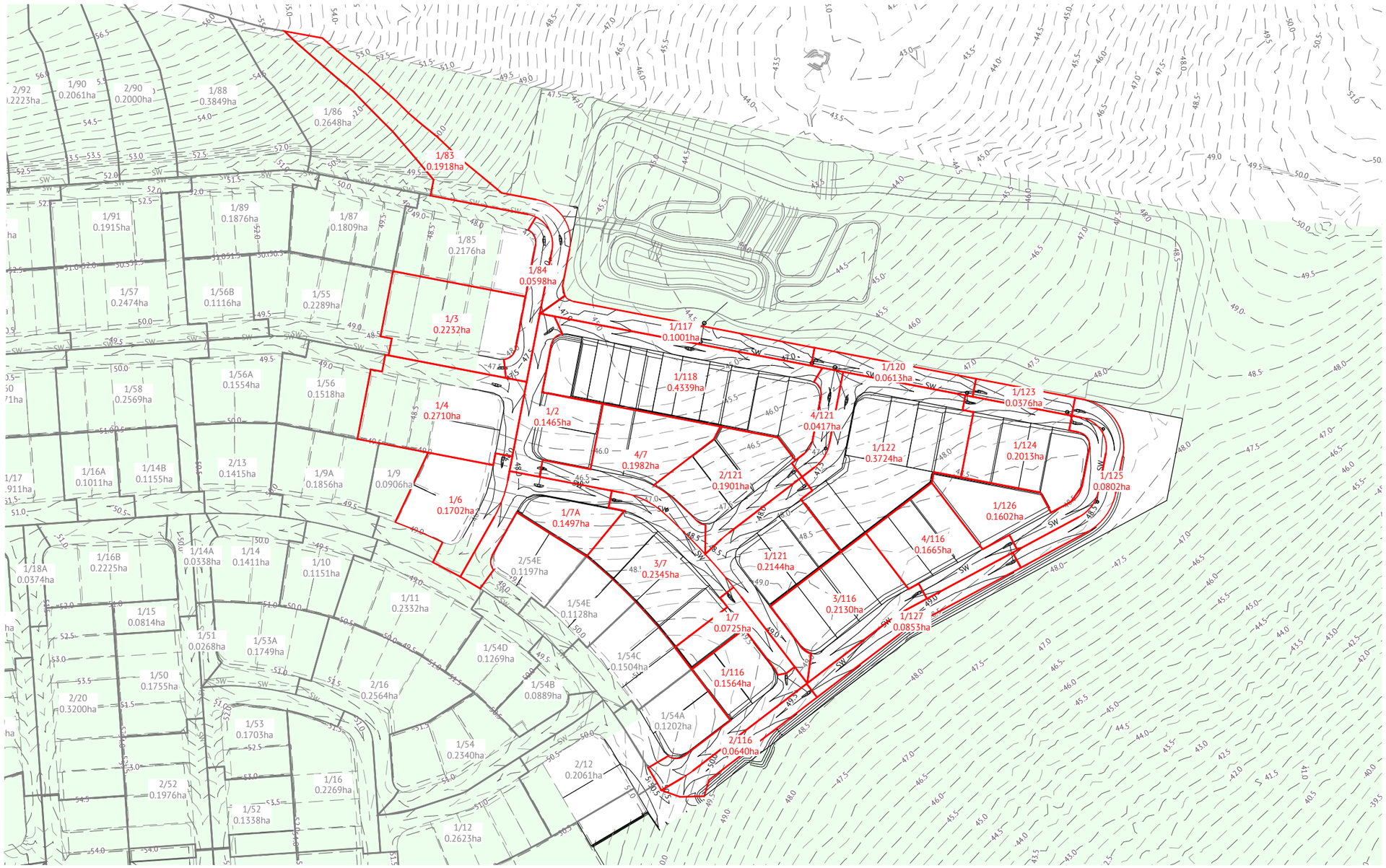
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 2

JOB CODE: MIR-0804
SHEET NUMBER: C331
REV: B



LEGEND

	STORMWATER CATCHMENT BOUNDARY
1/A 0.2311ha	STORMWATER CATCHMENT NUMBER AND AREA
SW	PROPOSED STORMWATER LINE
SW	CONSTRUCTED STORMWATER LINE
12.0	FINISHED CONTOURS (0.50m)
12.0	EXISTING CONTOURS (1.00m)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

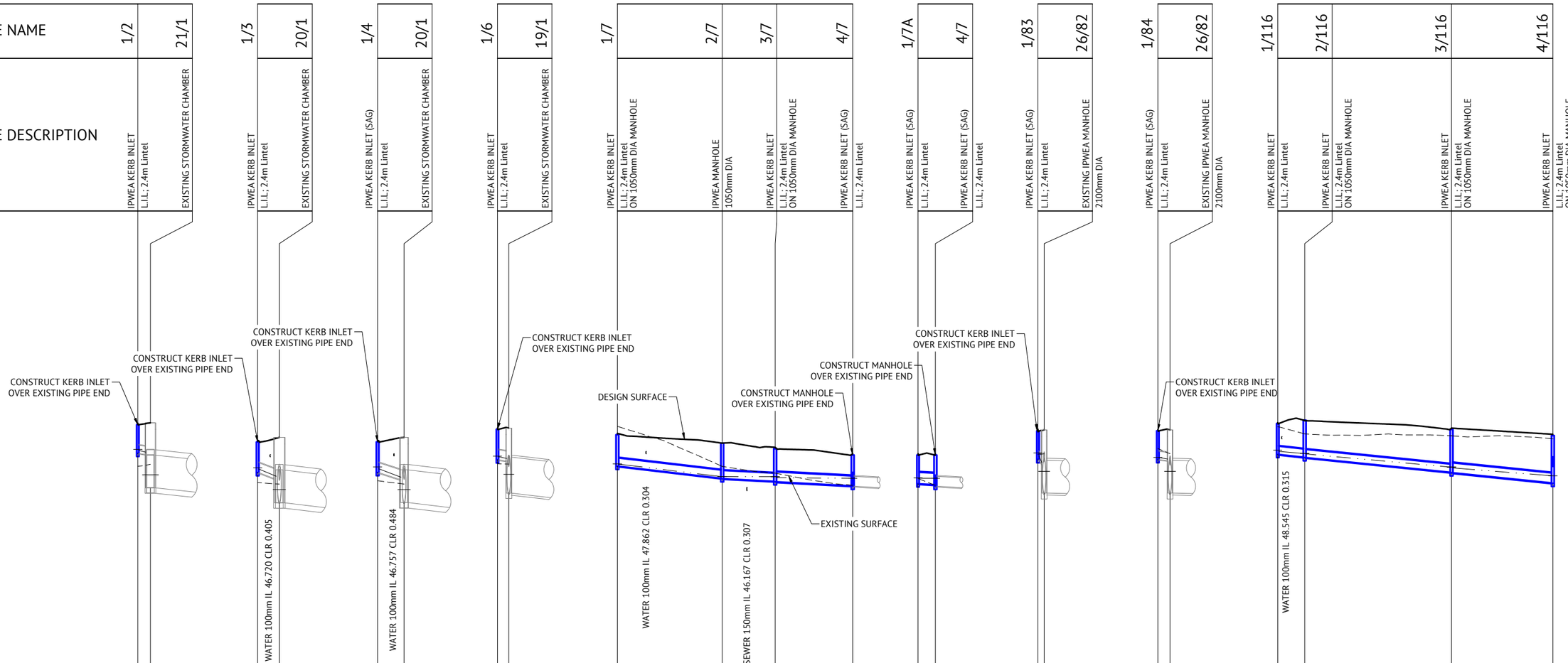
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: STORMWATER CATCHMENT LAYOUT PLAN

JOB CODE: MIR-0804
SHEET NUMBER: C400
REV: B



STRUCTURE NAME	1/2	21/1	1/3	20/1	1/4	20/1	1/6	19/1	1/7	2/7	3/7	4/7	1/7A	4/7	1/83	26/82	1/84	26/82	1/116	2/116	3/116	4/116
STRUCTURE DESCRIPTION	IPWEA KERB INLET	EXISTING STORMWATER CHAMBER	IPWEA KERB INLET	EXISTING STORMWATER CHAMBER	IPWEA KERB INLET (SAG)	EXISTING STORMWATER CHAMBER	IPWEA KERB INLET	EXISTING STORMWATER CHAMBER	IPWEA KERB INLET	IPWEA MANHOLE	IPWEA KERB INLET	IPWEA KERB INLET (SAG)	IPWEA KERB INLET (SAG)	IPWEA KERB INLET (SAG)	IPWEA KERB INLET (SAG)	EXISTING IPWEA MANHOLE	IPWEA KERB INLET (SAG)	EXISTING IPWEA MANHOLE	IPWEA KERB INLET	IPWEA KERB INLET	IPWEA KERB INLET	IPWEA KERB INLET
	L.I.L; 2.4m Lintel		L.I.L; 2.4m Lintel		L.I.L; 2.4m Lintel		L.I.L; 2.4m Lintel		L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE	1050mm DIA	L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE	L.I.L; 2.4m Lintel	L.I.L; 2.4m Lintel	L.I.L; 2.4m Lintel	L.I.L; 2.4m Lintel	2100mm DIA	L.I.L; 2.4m Lintel	2100mm DIA	L.I.L; 2.4m Lintel	L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE	L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE	L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE
PIPE SIZE (mm)	375		450		450		450		375	375	450		525		375		375		375	375	450	
PIPE CLASS	2		2		2		2		2	2	2		2		2		2		2	2	2	
PIPE GRADE (%)	1.00%		2.79%		2.70%		1.00%		1.15%	0.50%	0.52%		0.50%		8.26%		1.00%		1.01%	1.00%	1.00%	
PIPE SLOPE (1 in X)	100.0		35.9		37.0		100.0		87.0	200.0	192.5		200.0		12.1		100.0		98.6	100.0	100.0	
FULL PIPE VELOCITY (m/s)	0.31		0.34		0.40		0.25		0.15	0.15	0.45		0.16		0.51		0.14		0.33	0.47	0.63	
PART FULL VELOCITY (m/s)	1.23		1.99		2.06		1.26		1.06	0.78	1.17		0.94		3.01		0.98		1.26	1.38	1.63	
PIPE FLOW (cumecs)	0.034		0.055		0.064		0.040		0.017	0.017	0.071		0.035		0.056		0.015		0.037	0.052	0.100	
PIPE CAPACITY AT GRADE (cumecs)	0.175		0.476		0.469		0.285		0.188	0.124	0.206		0.304		0.504		0.175		0.177	0.175	0.285	
DATUM RL	29.0		30.0		30.0		30.0		31.0				31.0		29.0		29.0		31.0			
WSE IN STRUCTURE	46.061	44.890	46.214	45.213	46.250	45.213	46.750	45.913	47.389	46.810	46.804	46.736	46.749	46.736	45.893	45.053	45.691	45.053	48.020	47.874	47.247	46.847
HGL IN PIPE	46.013	45.934 44.866	46.156	45.822 45.193	46.171	45.781 45.193	46.718	46.644 45.890	47.381	46.811 46.809	46.804 46.757	46.736 46.659	46.736	46.736 46.659	45.764	45.442 45.041	45.682	45.613 45.041	47.965	47.870 47.847	47.247 47.208	46.847
DEPTH OF INVERT BELOW FSL	1.316	1.455 2.984	1.403	1.890 2.990	1.403	1.940 2.990	1.397	1.505 2.980	1.444	1.610 1.630	1.501 1.521	1.414 1.434	1.321	1.361 1.434	1.316	1.595 2.895	1.316	1.414 2.895	1.417	1.697 1.717	1.966 1.986	2.169
INVERT LEVEL	45.879	45.821 44.292	45.995	45.719 44.619	45.997	45.669 44.619	46.582	46.530 45.055	47.288	46.735 46.715	46.594 46.574	46.389 46.369	46.482	46.442 46.369	45.592	45.357 44.057	45.594	45.538 44.057	47.828	47.702 47.682	47.008 46.988	46.524
FINISHED (& EXISTING) SURFACE LEVEL	47.195 (45.286)	47.277 (45.374)	47.398 (45.540)	47.609 (45.469)	47.401 (45.619)	47.609 (45.469)	47.979 (46.394)	48.035 (46.381)	48.732 (49.115)	48.345 (47.276)	48.094 (46.967)	47.803 (46.408)	47.803 (46.729)	47.803 (46.408)	46.908 (45.828)	46.952 (45.865)	46.910 (46.097)	46.952 (45.865)	49.245 (49.103)	49.399 (48.768)	48.975 (48.681)	48.692 (48.547)
CHAINAGE	0.000	5.801 5.801	0.000	9.931 9.931	0.000	12.149 12.149	0.000	5.194 5.194	-72.206	48.105 -24.101	24.277 0.176	35.562 35.737	-72.206	7.935 -64.271	0.000	2.846 2.846	0.000	5.587 5.587	0.000	12.365 12.365	67.373 79.738	46.479 126.217
LINE	2		3		4		6		7				7A		83		84		116			

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

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

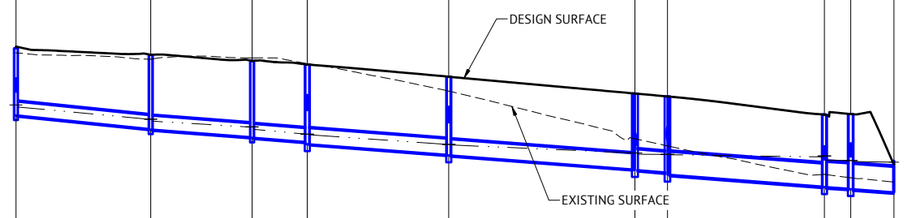
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE LONG SECTIONS - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C410
REV B

STRUCTURE NAME	4/116	5/116	6/116	7/116	8/116	9/116	10/116	11/116	11A/116	12/116	1/117	11A/116	1/118	11/116	1/120	10/116	1/121	2/121	3/121	4/121	9/116
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1050mm DIA ON 1050mm DIA MANHOLE	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1200mm DIA	IPWEA MANHOLE 1200mm DIA	IPWEA MANHOLE 1500mm DIA	IPWEA MANHOLE 1350mm DIA	IPWEA MANHOLE 1200mm DIA	IPWEA MANHOLE 1350mm DIA	HEADWALL	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1350mm DIA	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1350mm DIA	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA KERB INLET L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1050mm DIA	IPWEA KERB INLET (SAG) L.I.L.: 2.4m Lintel	IPWEA MANHOLE 1500mm DIA



PIPE SIZE (mm)		450	450	450	525	525	675	750	825	825	375	375	375	375	375	375	375	375	375	375	375
PIPE CLASS		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PIPE GRADE (%)		1.00%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.55%	0.70%	1.20%	1.00%	1.20%	1.00%	1.20%	1.00%	1.00%	1.14%	1.30%	1.00%	1.00%
PIPE SLOPE (1 in X)		100.0	133.3	133.3	133.3	133.3	133.3	133.3	182.4	142.9	83.3	100.0	83.3	100.0	83.3	100.0	100.0	88.0	76.8	100.0	100.0
FULL PIPE VELOCITY (m/s)		0.98	0.97	0.96	0.95	1.18	1.21	1.01	1.00	1.04	0.23	0.92	0.14	0.92	0.14	0.92	0.45	0.85	0.85	0.93	0.93
PART FULL VELOCITY (m/s)		1.83	1.64	1.63	1.76	1.85	2.12	2.14	1.99	2.20	1.21	1.65	1.05	1.65	1.05	1.65	1.37	1.70	1.78	1.65	1.65
PIPE FLOW (cumecs)		0.156	0.154	0.153	0.206	0.256	0.433	0.446	0.535	0.557	0.026	0.102	0.016	0.102	0.016	0.102	0.050	0.094	0.094	0.103	0.103
PIPE CAPACITY AT GRADE (cumecs)		0.285	0.247	0.247	0.373	0.373	0.728	0.965	1.063	1.201	0.192	0.175	0.192	0.175	0.192	0.175	0.175	0.187	0.200	0.175	0.175
DATUM RL	30.0										29.0		29.0		29.0		30.0				
WSE IN STRUCTURE	46.847	46.382	46.130	45.897	45.561	45.283	45.234	45.182	45.034	44.980	45.433	45.034	45.731	45.182	45.857	45.234	46.602	46.523	46.210	45.895	45.283
HGL IN PIPE	46.847	46.781 / 46.379	46.319 / 46.124	46.050 / 45.897	45.872 / 45.561	45.542 / 45.283	45.237 / 45.234	45.223 / 45.153	45.046 / 45.034	45.001 / 44.980	44.980	45.406 / 45.284	45.001	45.399 / 45.301	45.046	45.847 / 45.801	45.223	46.501 / 46.509	46.424 / 46.210	46.177 / 45.895	45.864 / 45.699
DEPTH OF INVERT BELOW FSL	2.169	2.189 / 2.419	2.439 / 2.488	2.508 / 2.523	2.598 / 2.545	2.565 / 2.475	2.495 / 2.479	2.554 / 2.347	2.367 / 2.429	2.449 / 1.025	1.025	1.203 / 1.356	2.449	1.326 / 1.436	2.367	1.353 / 1.396	2.554	1.315 / 1.393	1.413 / 1.376	1.418 / 1.348	1.368 / 1.727
INVERT LEVEL	46.524	46.504 / 46.064	46.044 / 45.796	45.776 / 45.641	45.566 / 45.220	45.200 / 44.744	44.724 / 44.645	44.570 / 44.186	44.166 / 44.119	44.099 / 44.000	44.000	45.292 / 45.192	44.099	45.164 / 45.096	44.166	45.758 / 45.728	44.570	46.298 / 46.219	46.199 / 45.994	45.952 / 45.649	45.629 / 45.493
FINISHED (& EXISTING) SURFACE LEVEL	48.692	(48.547) / 48.483	(48.336) / 48.284	(48.379) / 48.164	(48.191) / 47.765	(47.296) / 47.219	(45.744) / 47.124	(45.511) / 46.533	(44.581) / 46.548	(44.471) / 45.025	(44.330)	(44.588) / 46.548	(44.471)	(44.655) / 46.533	(44.581)	(45.504) / 47.124	(45.511)	47.613 (47.565)	46.219 / 47.612	(47.350) / 47.370	(47.031) / 46.996	(46.076) / 47.219	(45.744)
CHAINAGE	126.217	43.964 / 170.182	33.061 / 203.243	18.012 / 221.255	46.140 / 267.395	60.750 / 328.145	10.599 / 338.744	51.204 / 389.948	8.576 / 398.524	14.091 / 412.615	0.000	8.354 / 8.354	0.000	6.823 / 6.823	0.000	2.479 / 2.479	0.000	7.936 / 7.936	18.029 / 25.965	23.323 / 49.288	13.588 / 62.876
LINE		116									117		118		120		121				

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE LONG SECTIONS - SHEET 2

JOB CODE MIR-0804
SHEET NUMBER C411
REV B

STRUCTURE NAME	1/122	9/116	1/123	8/116	1/124	8/116	1/125	7/116	1/126	7/116	1/127	4/116
STRUCTURE DESCRIPTION	IPWEA KERB INLET (SAG) L.I.L: 2.4m Lintel	IPWEA MANHOLE 1500mm DIA	IPWEA KERB INLET L.I.L: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA	IPWEA KERB INLET L.I.L: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA	IPWEA KERB INLET L.I.L: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA	IPWEA KERB INLET L.I.L: 2.4m Lintel	IPWEA MANHOLE 1200mm DIA	IPWEA KERB INLET L.I.L: 2.4m Lintel	IPWEA KERB INLET L.I.L: 2.4m Lintel ON 1050mm DIA MANHOLE
PIPE SIZE (mm)	375		375		375		375		375		375	
PIPE CLASS	2		2		2		2		2		2	
PIPE GRADE (%)	1.00%		2.19%		1.00%		2.23%		1.00%		1.02%	
PIPE SLOPE (1 in X)	100.0		45.7		100.0		44.9		100.0		97.9	
FULL PIPE VELOCITY (m/s)	0.80		0.09		0.43		0.19		0.34		0.20	
PART FULL VELOCITY (m/s)	1.59		1.12		1.35		1.41		1.26		1.09	
PIPE FLOW (cumecs)	0.088		0.010		0.047		0.021		0.038		0.022	
PIPE CAPACITY AT GRADE (cumecs)	0.175		0.259		0.175		0.262		0.175		0.177	
DATUM RL	29.0		30.0		30.0		30.0		30.0		31.0	
WSE IN STRUCTURE	46.195	45.283	46.507	45.561	46.676	45.561	46.939	45.897	47.028	45.897	47.517	46.847
HGL IN PIPE	45.920	45.731 45.237	46.504	46.359 45.542	46.585	46.517 45.542	46.922	46.778 45.872	46.971	46.888 45.872	47.497	47.398 46.781
DEPTH OF INVERT BELOW FSL	1.294	1.676 2.495	1.351	1.456 2.565	1.315	1.381 2.565	1.350	1.456 2.598	1.331	1.394 2.598	1.320	1.384 2.189
INVERT LEVEL	45.703	45.543 44.724	46.435	46.309 45.200	46.428	46.384 45.200	46.820	46.707 45.566	46.831	46.770 45.566	47.392	47.309 46.504
FINISHED (& EXISTING) SURFACE LEVEL	46.996 (46.422)	47.219 (45.744)	47.786 (47.373)	47.765 (47.296)	47.743 (47.415)	47.765 (47.296)	48.170 (48.223)	48.164 (48.191)	48.162 (48.339)	48.164 (48.191)	48.712 (48.389)	48.692 (48.547)
CHAINAGE	0.000	15.970 15.970	0.000	5.742 5.742	0.000	4.385 4.385	0.000	5.049 5.049	0.000	6.147 6.147	0.000	8.138 8.138
LINE	122		123		124		125		126		127	

SEWER 150mm IL 45.099 CLR 0.374
WATER 100mm IL 46.364 CLR 0.329

EXISTING SURFACE

DESIGN SURFACE

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE LONG SECTIONS - SHEET 3

JOB CODE MIR-0804
SHEET NUMBER C412
REV B

STORMWATER DRAINAGE NOTES

1. ALL STORMWATER DRAWINGS ARE TO BE READ IN CONJUNCTION WITH DRAWING C001, STORMWATER LAYOUT PLANS, NOTES AND DETAILS.
2. 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.
3. ALL DRAINAGE EXCAVATION AND CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3500 AND THE APPLICABLE LOCAL AUTHORITY SPECIFICATIONS AND STANDARD DETAILS.
4. ALL MATERIALS SHALL MEET THE REQUIREMENTS OF AS1254 & AS1273.
5. ALL uPVC PIPES SHALL BE CLASS 'SN8' FOR DN150 & DN225, AND CLASS 'SN6' FOR DN100 UNLESS NOTED OTHERWISE.
6. PIPES SHALL BE LAID AT MIN. 1% GRADE UNLESS NOTED OTHERWISE.
7. 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.
8. 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.
9. BENCHING OF PIT STRUCTURES SHALL HAVE A SMOOTH FINISHED SURFACE, AND PIPES SHALL NOT PROJECT INSIDE THE SHAFT OF THE PIT.
10. WHERE RECTANGULAR PIT STRUCTURES ARE USED, PIPES MUST NOT CONNECT TO THE PIT AT CORNERS.
11. 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.
12. ALL STORMWATER PIPES SHALL BE CLASS '2' (UNO) R.C. PIPES UNLESS AN ALTERNATIVE IS APPROVED BY THE SUPERINTENDENT PRIOR TO CONSTRUCTION.
13. ALL TEMPORARY ROOFWATER OUTLETS TO BE EXCAVATED AT 1 IN 200 TO NATURAL SURFACE.
14. ALL ROOFWATER PIPES CROSSING CONCRETE FOOTPATHS ARE TO BE INSTALLED PRIOR TO CONSTRUCTION OF CONCRETE FOOTPATHS.
15. 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).

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:

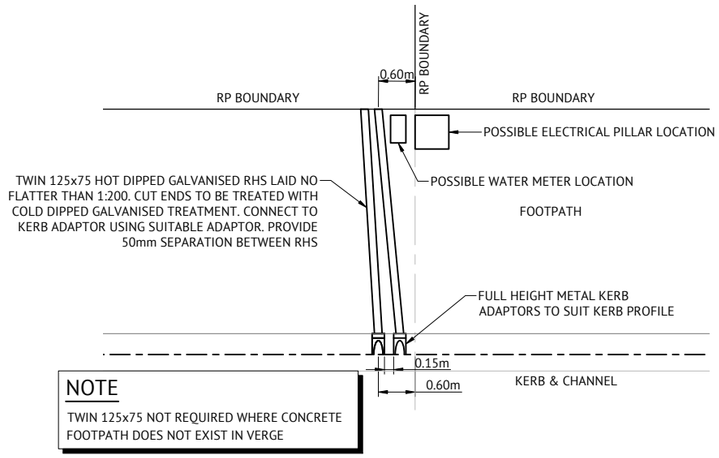
CONTRACT SHALL INCLUDE TREATING, SIZING CONDITIONING AND PROCESSING ALL TYPES OF ROCK IN ALL EXCAVATIONS. PROCESSING TO BE COMPLETED AS PER MORRISON GEOTECHNICAL REPORTS TO ENSURE LEVEL 1 IS ACHIEVED.

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.

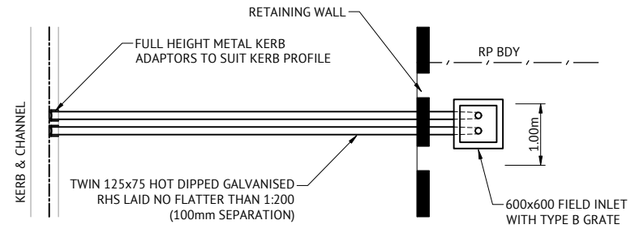
NOTE:

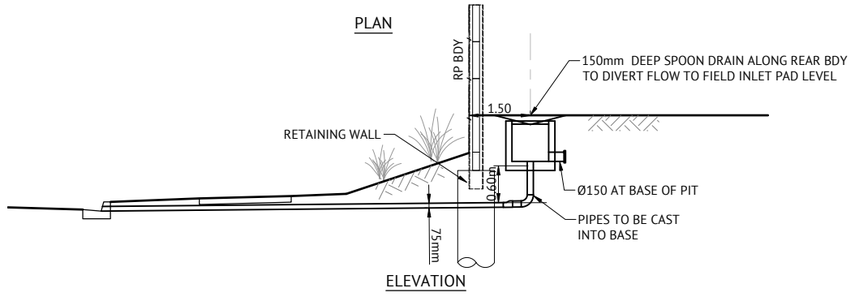
STORMWATER DRAINAGE LONG SECTION CHAINAGE LENGTHS ARE MEASURED FROM NODE CENTRE POINTS ALONG THE PROPOSED ALIGNMENT INCLUDING PIPE OFFSETS SUCH AS TO CENTRE OF PIT SIDE WALL AND CUSTOM PIPE SPACING INTO STRUCTURES. REFER STORMWATER DRAINAGE STRUCTURE DETAILS DRAWINGS.



TYPICAL ROOFWATER KERB ADAPTOR OUTLET DETAIL

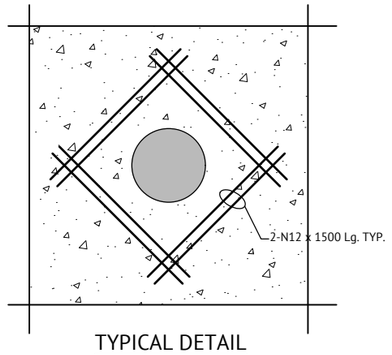
N.T.S.





TYPICAL ROOFWATER PROPERTY PIT TO KERB ADAPTOR OUTLET DETAIL

N.T.S.



TYPICAL DETAIL

GRATED PIT IN CONCRETE PAVEMENT
SCALE 1:20

FOR CONSTRUCTION

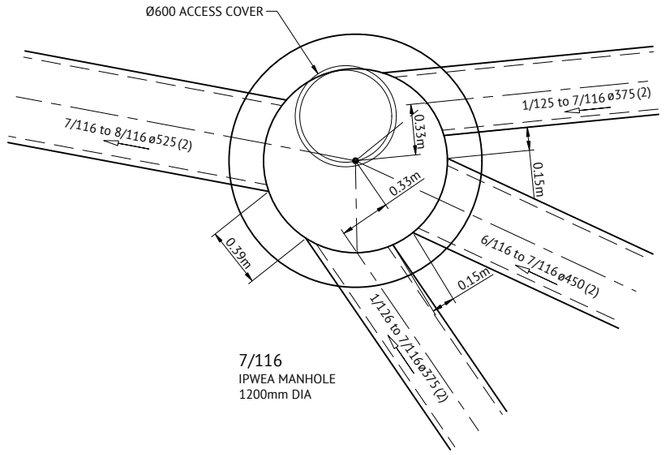
DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

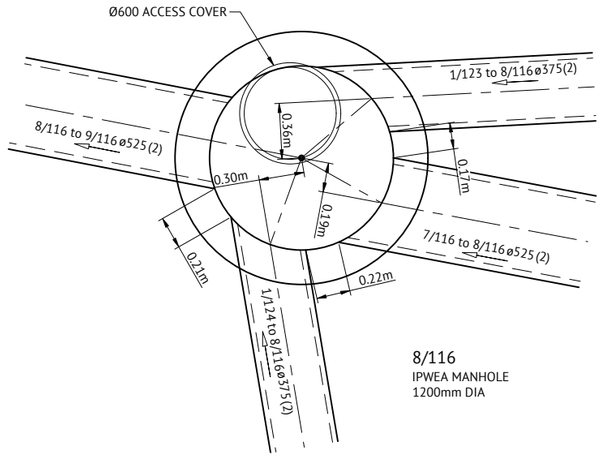
Premise

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

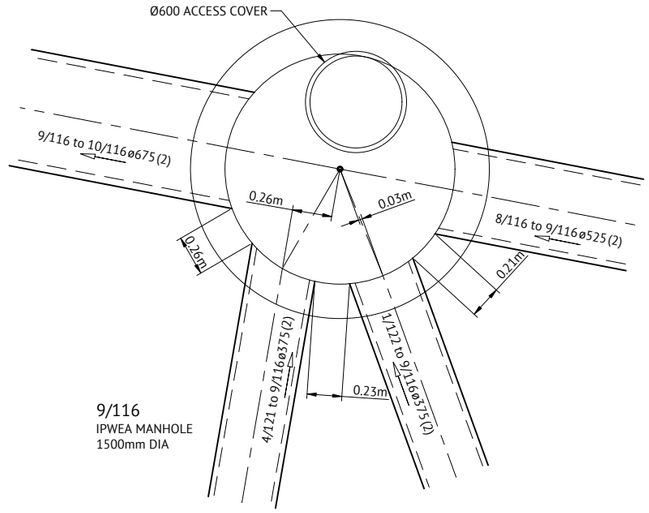
DESIGNED	KLYNT KIWANG
CHECKED	ANDREW LANGDON
PROJECT MANAGER	NICK SOMERVILLE
PROJECT DIRECTOR	PATRICK BRADY RPEQ 7112
SCALE	NTS
ORIGINAL SHEET SIZE	A1
CLIENT	MIRVAC QLD PTY LTD
PROJECT	EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION	TEVIOT ROAD, GREENBANK
SHEET TITLE	STORMWATER DRAINAGE NOTES AND DETAILS
JOB CODE	MIR-1002
SHEET NUMBER	C420
REV	B



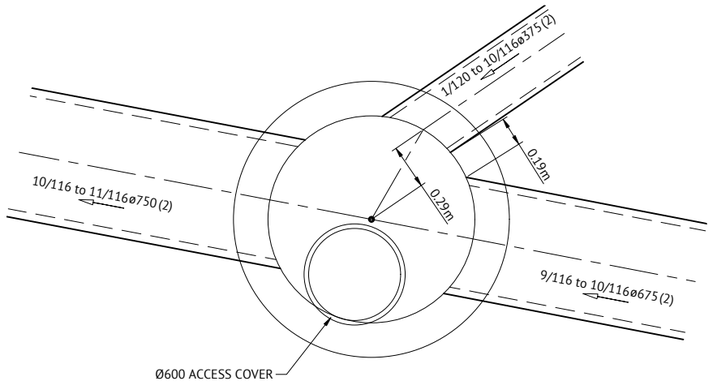
7/116
IPWEA MANHOLE
1200mm DIA



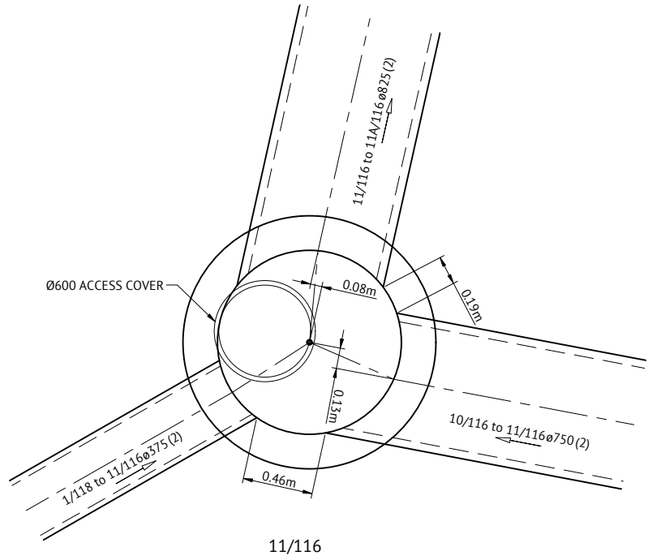
8/116
IPWEA MANHOLE
1200mm DIA



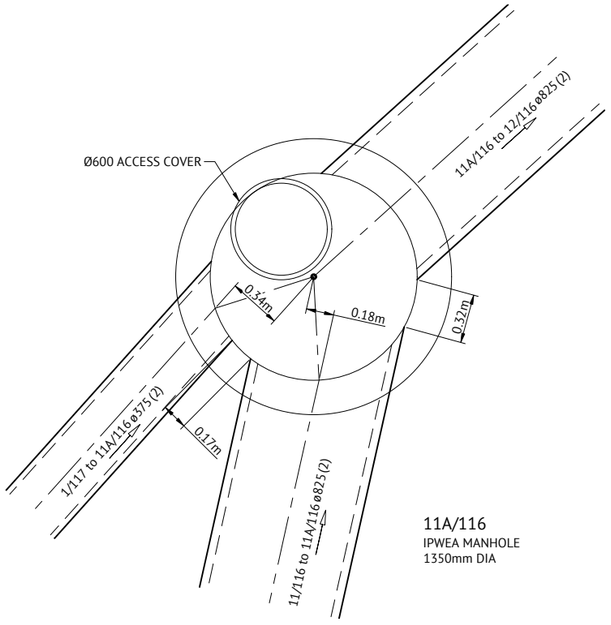
9/116
IPWEA MANHOLE
1500mm DIA



10/116
IPWEA MANHOLE
1350mm DIA



11/116
IPWEA MANHOLE
1200mm DIA



11A/116
IPWEA MANHOLE
1350mm DIA

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
0 0.4 0.8 1.2m
SCALE 1:20 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE STRUCTURE DETAILS

JOB CODE MIR-0804
SHEET NUMBER C430
REV B

LOCATION			TIME			SUB-CATCHMENT RUNOFF				INLET DESIGN								DRAIN DESIGN									HEADLOSSES										PART FULL			DESIGN LEVELS						
			tc	I	C	A	CA	Q						Qg	Qb		tc	I	CA		Qp	L	S			Vf=Q/A		STRUCTURE RATIOS			V2/2g	Ku	hu	Kw	hw	Sf	hf	dn	Vn	Vn						
STRUCTURE NUMBER	DOWNSTREAM STRUCTURE	SUB-CATCHMENT'S CONTRIBUTING	SUB-CATCHMENT TIME OF CONCENTRATION	RAINFALL INTENSITY	CO-EFFICIENT OF RUNOFF	SUB-CATCHMENT AREA	EQUIVALENT AREA	SUB-CATCHMENT DISCHARGE	FLOW IN K&C (INC. BYPASS)	FLOW WIDTH	FLOW DEPTH	ROAD GRADE AT INLET	HALF ROAD CAPACITY	FLOW INTO INLET	BYPASS FLOW	BYPASS STRUCTURE NUMBER	CRITICAL TIME OF CONCENTRATION	RAINFALL INTENSITY	TOTAL (C x A)	SUM ADDITIONAL PIPE FLOW	PIPE FLOW	REACH LENGTH	PIPE GRADE	PIPE/BOX DIMENSIONS	CLASS	FULL PIPE VELOCITY	TIME OF FLOW IN REACH	CHARTS USED	Qg/Qo	Du/Do	S/Do	VELOCITY HEAD	UPSTREAM HEADLOSS CO-EFFICIENT	UPSTREAM HEADLOSS	W.S.E. CO-EFFICIENT	CHANGE IN W.S.E.	PIPE FRICTION SLOPE	PIPE FRICTION HEADLOSS (L x Sf)	NORMAL DEPTH	NORMAL DEPTH VELOCITY (MINOR STORM)	NORMAL DEPTH VELOCITY (1 YEAR STORM)	UPSTREAM OBVERT LEVEL	DOWNSTREAM OBVERT LEVEL	UPSTREAM H.G.L.	DOWNSTREAM H.G.L.	W.S.E.	SURFACE OR GRATE LEVEL	STRUCTURE NUMBER
			min	mm/h		ha	ha	l/s	l/s	m	m	%	l/s	l/s	l/s		min	mm/h	ha	l/s	l/s	m	%	mm		m/s	min				m				m			m	m/s	m/s	m	m	m	m	m	m	
1/2	21/1	1/2	8.00	113	0.75	0.146	0.110	34	34	2.271	0.049	3.22	125	34	0	1/118	8.00	113	0.110	0	34	5.750	1.009	375	2	0.31	0.05	32	1.00		1.13	0.005	9.70	0.048		0.048	1.35	0.050	0.113	1.23	1.13	46.254	46.196	46.013	45.934	46.061	47.195	1/2
21/1																																												44.890	47.277	21/1
1/3	20/1	1/3	8.00	113	0.75	0.223	0.167	52	55	2.772	0.049	0.31	86	55	0	1/84	8.00	113	0.167	0	55	9.790	2.826	450	2	0.34	0.08	32	1.00		1.13	0.006	9.70	0.059		0.059	3.36	0.191	0.103	1.99	1.8	46.445	46.169	46.156	45.822	46.214	47.398	1/3
20/1																																												45.213	47.609	20/1
1/4	20/1	1/4	8.00	113	0.75	0.271	0.203	64	64		0.017	0.84	375	64	0	1/3	8.00	113	0.203	0	64	11.994	2.738	450	2	0.40	0.10	32	1.00		1.18	0.008	9.70	0.079		0.079	3.21	0.238	0.112	2.06	1.89	46.447	46.119	46.171	45.781	46.250	47.401	1/4
20/1																																												45.213	47.609	20/1
1/6	19/1	1/6	8.00	113	0.75	0.170	0.127	40	40	2.437	0.070	0.96	130	40	0	1/4	8.00	113	0.127	0	40	5.194	1.000	450	2	0.25	0.04	32	1.00		1.07	0.003	9.70	0.031		0.031	1.43	0.042	0.114	1.26	1.16	47.032	46.980	46.718	46.644	46.750	47.979	1/6
19/1																																												45.913	48.035	19/1
1/7	2/7	1/7	8.00	113	0.75	0.072	0.054	17	17	1.765	0.054	0.91	125	17	0	3/7	8.00	113	0.054	0	17	48.105	1.150	375	2	0.15	0.40	32	1.00		1.02	0.001	7.00	0.008		0.008	1.18	0.545	0.076	1.06	0.97	47.663	47.110	47.381	46.811	47.389	48.734	1/7
2/7	3/7	1/7															8.40	111	0.054	0	17	24.277	0.500	375	2	0.15	0.20	34 37	0.00	1.00	1.00	0.001	0.72	0.001		0.001	0.02	0.032	0.093	0.78	0.72	47.090	46.969	46.809	46.804	46.810	48.345	2/7
3/7	4/7	1/7 3/7	8.00	113	0.75	0.235	0.176	55	55	2.803	0.078	0.88	120	55	0	1/7A	8.00	113	0.226	0	71	35.562	0.520	450	2	0.45	0.30	32 33 34	0.77	0.83	1.10	0.010	4.66	0.047		0.047	0.06	0.075	0.182	1.17	1.08	47.024	46.839	46.757	46.736	46.804	48.094	3/7
4/7																																											46.736	47.803	4/7
1/7A	4/7	1/7A	8.00	113	0.75	0.150	0.112	35	35		0.000	0.39	375	35	0	4/7	8.00	113	0.112	0	35	7.935	0.500	525	2	0.16	0.07	32	1.00		1.02	0.001	9.70	0.013		0.013	0.00	0.002	0.121	0.94	0.86	47.007	46.967	46.736	46.736	46.749	47.803	1/7A
4/7																																											46.736	47.803	4/7
1/83	26/82	1/83	8.00	113	0.69	0.192	0.132	41	56		0.007	0.17	360	56	0	LOST	8.00	113	0.132	0	56	2.716	8.660	375	2	0.51	0.02	32	1.00		1.34	0.013	9.70	0.129		0.129	11.34	0.000	0.085	3.01	2.63	45.967	45.732	45.764	45.442	45.893	46.908	1/83
26/82																																												45.053	46.952	26/82
1/84	26/82	1/84	6.00	122	0.76	0.060	0.045	15	15		0.000	0.53	375	15	0	1/83	6.00	122	0.045	0	15	5.448	1.025	375	2	0.14	0.05	32	1.00		1.03	0.001	9.70	0.010		0.010	1.23	0.051	0.075	0.98	0.9	45.969	45.913	45.682	45.613	45.691	46.910	1/84
26/82																																												45.053	46.952	26/82
1/116	2/116	1/116	8.00	113	0.75	0.156	0.117	37	37	2.333	0.051	3.73	73	37	0	1/7	8.00	113	0.117	0	37	12.282	1.021	375	2	0.33	0.10	32	1.00		1.15	0.006	9.70	0.055		0.055	0.77	0.116	0.116	1.26	1.16	48.203	48.077	47.965	47.870	48.020	49.245	1/116
2/116	3/116	1/116 2/116	6.00	122	0.76	0.064	0.048	16	16	1.798	0.055	0.76	111	16	0	1/127	8.10	113	0.165	0	52	67.373	1.000	375	2	0.47	0.56	42 46 43 47	0.31	1.00	1.07	0.011	2.07	0.023	2.45	0.027	0.89	0.638	0.140	1.38	1.27	48.057	47.383	47.847	47.247	47.874	49.399	2/116
3/116	4/116	1/116 2/116 3/116	8.00	113	0.75	0.213	0.159	50	50	2.910	0.080	0.61	109	50	0	4/116	8.66	110	0.325	0	100	46.479	1.000	450	2	0.63	0.39	33 34	0.49	0.83	1.09	0.020	1.97	0.039		0.039	0.78	0.412	0.184	1.63	1.51	47.438	46.974	47.208	46.847	47.247	48.975	3/116
4/116	5/116	1/127 1/116 2/116 3/116 4/116	8.00	113	0.75	0.167	0.125	39	39	2.646	0.074	0.61	105	39	0	1/126	8.39	111	0.504	0	156	43.964	1.000	450	2	0.98	0.37	33 34	0.24	1.00	1.15	0.049	1.35	0.066		0.066	0.91	0.432	0.238	1.83	1.7	46.954	46.514	46.781	46.379	46.847	48.692	4/116
5/116	6/116	1/127 1/116 2/116 3/116 4/116															8.75	110	0.504	0	154	33.061	0.750	450	2	0.97	0.28	37 42 43	0.00	1.00	1.14	0.048	1.24	0.060	1.30	0.062	0.59	0.233	0.258	1.64	1.52	46.494	46.246	46.319	46.124	46.382	48.483	5/116
6/116	7/116	1/127 1/116 2/116 3/116 4/116															9.03	109	0.504	0	153	18.012	0.750	450	2	0.96	0.15	42 46 43 47	0.00	1.00	1.18	0.047	1.57	0.074	1.70	0.080	0.85	0.133	0.256	1.63	1.52	46.226	46.091	46.050	45.897	46.130	48.284	6/116
7/116	8/116	1/125 1/126 1/127 1/116 2/116 3/116 4/116															9.18	108	0.685	0	206	46.109	0.751	525	2	0.95	0.38	34 37	0.00	1.00	1.05	0.046	0.54	0.025		0.025	0.67	0.339	0.279	1.76	1.64	46.091	45.745	45.872	45.561	45.897	48.164	7/116
8/116	9/116	1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116															9.56	107	0.864	0	256	60.750	0.750	525	2	1.18	0.51	33 34	0.00	1.00	1.04	0.071	0.26	0.019		0.019	0.43	0.338	0.320	1.85	1.73	45.725	45.269	45.542	45.283	45.561	47.765	8/116
9/116	10/116	1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116	0.00	0		0.000	0.000	0	0		0.000		0	0	0	1/120	8.94	109	1.427	0	433	10.599	0.750	675	2	1.21	0.09	34 37	0.00	1.00	1.07	0.075	0.61	0.046		0.046	0.03	0.029	0.375	2.12	1.97	45.399	45.320	45.237	45.234	45.283	47.219	9/116
10/116	11/116	1/120 1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116															9.03	109	1.473	0	446	51.189	0.750	750	2	1.01	0.43	33 34	0.00	1.00	1.01	0.052	0.21	0.011		0.011	0.14	0.079	0.358	2.14	1.98	45.320	44.936	45.223	45.153	45.234	47.124	10/116
11/116	11A/116	1/118 1/120 1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116															9.15	108	1.778	0	535	8.550	0.550	825	2	1.00	0.07	46 47	0.00	1.00	1.23	0.051	2.09	0.107	2.66	0.136	0.14	0.012	0.414	1.99	1.84	44.991	44.944	45.046	45.034	45.182	46.533	11/116
11A/116	12/116	1/117 1/118 1/120 1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116															9.22	108	1.853	0	557	14.091	0.700	825	2	1.04	0.12	34 37	0.00	1.00	1.13	0.055	0.60	0.033		0.033	0.15	0.021	0.395	2.20	2.04	44.924	44.825	45.001	44.980	45.034	46.548	11A/116
12/116																																											44.980	45.025	12/116
1/117	11A/116	1/117	6.00	122	0.76	0.100	0.076	26	26		0.000	0.16	361	26	0	LOST	6.00	122	0.076	0	26	8.202	1.222	375	2	0.23	0.07	32	1.00		1.07	0.003	9.70	0.027		0.027	1.46	0.089	0.093	1.21	1.11	45.667	45.567	45.406	45.284	45.433	46.495	1/117
1/118	11/116	1/118	8.00	113	0.75	0.434	0.325	102	102		0.046	0.16	377	102	0	1/117	8.00	113	0.325	0	102	6.014	1.135	375	2	0.92	0.06	32	1.00		1.88	0.043	7.63	0.331		0.331	1.43	0.059	0.205	1.65	1.53	45.539	45.471	45.399	45.301	45.731	46.490	1/118
1/120	10/116	1/120	6.00	122	0.76	0.061	0.046	16	16	1.510	0.066	0.90	63	16	0	1/117	6.00	122	0.046	0	16	2.276	1.307	375	2	0.14	0.02	32	1.00		1.03	0.001	9.70	0.010		0.010	1.86	0.021	0.073	1.05	0.96	46.133	46.103	45.847	45.801	45.857	47.111	1/120
1/121	2/121	1/121	8.00	113	0.75	0.214	0.160	50	50	2.435	0.069	1.54	146	50	1	1/122	8.00	113	0.160	0	50	7.936	1.000	375	2	0.45	0.07	32	1.00		1.27	0.010	9.70	0.100		0.100	-0.09	0.011	0.137	1.37	1.26	46.673	46.594	46.501	46.509	46.602	47.613	1/121
2/121	3/121	1/121 2/121	8.00	113	0.75	0.190	0.142	45	45	2.319	0.067	1.54	167	45	0	4/121	8.07	113	0.303	0	94	18.029	1.136	375	2	0.85	0.15	46 47	0.47	1.00	1.26	0.037	2.28	0.085	2.66	0.099	1.19	0.204	0.188	1.70	1.57	46.574	46.369	46.424	46.210	46.523	47.612	2/121
3/121	4/121	1/121 2/121															8.22	112	0.303	0	94	23.322	1.302	375	2	0.85	0.19	37 42 43	0.00	1.00	1.09	0.037	0.90	0.033	0.91	0.033	1.21	0.300	0.180	1.78	1.65	46.327	46.024	46.177	45.895	46.210	47.370	3/121
4/121	9/116	1/121 2/121 4/121	6.00	122	0.76	0.042	0.032	11	11		0.000	0.36	210	11	0	1/118	8.41	111	0.334	0	103	13.544	1.003	375	2	0.93	0.11	33 34	0.10	1.00	1.08	0.044	0.70	0.031		0.031	1.22	0.127	0.206	1.65	1.54	46.004	45.868	45.864	45.699	45.895	46.996	4/121
1/122	9/116	1/122	8.00	113	0.75	0.372	0.279	87	88		0.035	0.78	375	88	0	4/121	8.00	113	0.279	0	88	15.900	1.004	375	2	0.80	0.13	32	1.00		1.73	0.032	8.45	0.274		0.274	1.18	0.150	0.188	1.59	1.47	46.078	45.918	45.920	45.731	46.195	46.996	1/122

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE

ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER CALCULATIONS 39% AEP STORM - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C440
REV B

LOCATION			TIME			SUB-CATCHMENT RUNOFF				INLET DESIGN								DRAIN DESIGN									HEADLOSSES											PART FULL			DESIGN LEVELS							
			tc	I	C	A	CA	Q						Qg	Qb		tc	I	CA		Qp	L	S			Vf=Q/A		STRUCTURE RATIOS			V2/2g	Ku	hu	Kw	hw	Sf	hf	dn	Vn	Vn							
STRUCTURE NUMBER	DOWNSTREAM STRUCTURE	SUB-CATCHMENT'S CONTRIBUTING	SUB-CATCHMENT TIME OF CONCENTRATION	RAINFALL INTENSITY	CO-EFFICIENT OF RUNOFF	SUB-CATCHMENT AREA	EQUIVALENT AREA	SUB-CATCHMENT DISCHARGE	FLOW IN K&C (INC. BYPASS)	FLOW WIDTH	FLOW DEPTH	ROAD GRADE AT INLET	HALF ROAD CAPACITY	FLOW INTO INLET	BYPASS FLOW	BYPASS STRUCTURE NUMBER	CRITICAL TIME OF CONCENTRATION	RAINFALL INTENSITY	TOTAL (C x A)	SUM ADDITIONAL PIPE FLOW	PIPE FLOW	REACH LENGTH	PIPE GRADE	PIPE/BOX DIMENSIONS	CLASS	FULL PIPE VELOCITY	TIME OF FLOW IN REACH	CHARTS USED	Qg/Qo	Du/Do	S/Do	VELOCITY HEAD	UPSTREAM HEADLOSS CO-EFFICIENT	UPSTREAM HEADLOSS	W.S.E. CO-EFFICIENT	CHANGE IN W.S.E.	PIPE FRICTION SLOPE	PIPE FRICTION HEADLOSS (L x Sf)	NORMAL DEPTH	NORMAL DEPTH VELOCITY (MINOR STORM)	NORMAL DEPTH VELOCITY (1 YEAR STORM)	UPSTREAM OBVERT LEVEL	DOWNSTREAM OBVERT LEVEL	UPSTREAM H.G.L.	DOWNSTREAM H.G.L.	W.S.E.	SURFACE OR GRATE LEVEL	STRUCTURE NUMBER
			min	mm/h		ha	ha	l/s	l/s	m	m	%	l/s	l/s	l/s		min	mm/h	ha	l/s	l/s	m	%	mm		m/s	min					m		m		m		m	m/s	m/s	m	m	m	m	m	m	
1/123	8/116	1/123	6.00	122	0.76	0.038	0.028	10	10	1.169	0.058	0.90	63	10	0	9/116	6.00	122	0.028	0	10	5.611	2.238	375	2	0.09	0.05	32	1.00		1.01	0.000	7.00	0.003		0.003	2.53	0.105	0.049	1.12	1.03	46.810	46.684	46.504	46.359	46.507	47.786	1/123
1/124	8/116	1/124	8.00	113	0.75	0.201	0.151	47	47	2.638	0.074	0.90	65	47	0	1/122	8.00	113	0.151	0	47	4.304	1.019	375	2	0.43	0.04	32	1.00		1.24	0.009	9.70	0.091		0.091	1.55	0.035	0.133	1.35	1.24	46.803	46.759	46.585	46.517	46.676	47.743	1/124
1/125	7/116	1/125	6.00	122	0.76	0.080	0.061	21	21	1.833	0.073	0.70	55	21	0	1/123	6.00	122	0.061	0	21	4.935	2.279	375	2	0.19	0.04	32	1.00		1.05	0.002	9.70	0.017		0.017	2.84	0.078	0.071	1.41	1.29	47.195	47.082	46.922	46.778	46.939	48.170	1/125
1/126	7/116	1/126	8.00	113	0.75	0.160	0.120	38	38	2.511	0.072	0.71	59	38	0	1/124	8.00	113	0.120	0	38	5.913	1.040	375	2	0.34	0.05	32	1.00		1.15	0.006	9.70	0.057		0.057	1.35	0.053	0.118	1.26	1.16	47.206	47.145	46.971	46.888	47.028	48.162	1/126
1/127	4/116	1/127	6.00	122	0.76	0.085	0.065	22	22	2.107	0.062	0.61	88	22	0	1/125	6.00	122	0.065	0	22	8.118	1.024	375	2	0.20	0.07	32	1.00		1.05	0.002	9.70	0.019		0.019	1.22	0.077	0.089	1.09	0.99	47.767	47.684	47.497	47.398	47.517	48.712	1/127

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: STORMWATER CALCULATIONS 39% AEP STORM - SHEET 2

JOB CODE: MIR-0804
SHEET NUMBER: C441
REV: B

LOCATION			TIME			SUB-CATCHMENT RUNOFF				INLET DESIGN					DRAIN DESIGN									HEADLOSSES											PART FULL		DESIGN LEVELS						RUNOFF			
			tc	I	C	A	CA	Q			Qg	Qb		tc	I	CA		Qp	L	S			Vf=Q/A			STRUCTURE RATIOS			V2/2g	Ku	hu	Kw	hw	Sf	hf	dn	Vn									
STRUCTURE NUMBER	DOWNSTREAM STRUCTURE	SUB-CATCHMENTS CONTRIBUTING	SUB-CATCHMENT TIME OF CONCENTRATION	RAINFALL INTENSITY	CO-EFFICIENT OF RUNOFF	SUB-CATCHMENT AREA	EQUIVALENT AREA	SUB-CATCHMENT DISCHARGE	FLOW IN K&C (INC. BYPASS)	ROAD GRADE AT INLET	FLOW INTO INLET	BYPASS FLOW	BYPASS STRUCTURE NUMBER	CRITICAL TIME OF CONCENTRATION	RAINFALL INTENSITY	TOTAL (C x A)	SUM ADDITIONAL PIPE FLOW	PIPE FLOW	REACH LENGTH	PIPE GRADE	PIPE/BOX DIMENSIONS	CLASS	FULL PIPE VELOCITY	TIME OF FLOW IN REACH	CHARTS USED	Qg/Qo	Du/Do	S/Do	VELOCITY HEAD	UPSTREAM HEADLOSS CO-EFFICIENT	UPSTREAM HEADLOSS	W.S.E. CO-EFFICIENT	CHANGE IN W.S.E.	PIPE FRICTION SLOPE	PIPE FRICTION HEADLOSS (L x Sf)	NORMAL DEPTH	NORMAL DEPTH VELOCITY	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					m				m	%	m	m	m/s	m	m	m	m	m	m	l/s	l/s	m^2/s	
1/2	21/1	1/2	8.00	252	1.00	0.146	0.146	103	1888	3.22	206	1682	1/118	8.00	252	0.146	0	206	5.750	1.009	375	2	1.87	0.05	32	1.00		3.06	0.177	3.74	0.663		0.663	1.38	0.080	0.375	1.87	46.254	46.196	46.363	46.283	47.027	47.195	1968	1888	0.38	1/2
21/1																																								46.283	47.277				21/1
1/3	20/1	1/3	8.00	252	1.00	0.223	0.223	156	1475	0.31	81	1394	1/84	8.00	252	0.223	0	325	9.790	2.826	450	2	2.04	0.08	32	1.00		3.10	0.213	3.69	0.785		0.785	1.30	0.129	0.273	3.22	46.445	46.169	46.605	46.476	47.390	47.398	2528	1475	0.32	1/3
20/1																																								46.476	47.609				20/1
1/4	20/1	1/4	8.00	252	1.00	0.271	0.271	190	1024	0.84	112	912	1/3	8.00	252	0.271	0	322	11.994	2.738	450	2	2.02	0.10	32	1.00		3.11	0.209	3.68	0.768		0.768	1.27	0.155	0.274	3.18	46.447	46.119	46.631	46.476	47.399	47.401	1548	1024		1/4
20/1																																								46.476	47.609				20/1
1/6	19/1	1/6	8.00	252	1.00	0.170	0.170	119	311	0.96	-15	326	1/4	8.00	252	0.170	0	566	5.194	1.000	450	2	3.56	0.04	32				0.646	0.00	0.000		0.000	4.05	0.205	0.450	3.56	47.032	46.980	47.182	46.972	47.182	47.979	1873	311	0.14	1/6
19/1																																								46.789	48.035				19/1
1/7	2/7	1/7	8.00	252	1.00	0.072	0.072	51	141	0.91	108	32	3/7	8.00	252	0.072	0	108	48.105	1.150	375	2	0.98	0.40	32	1.00		2.98	0.049	3.17	0.156		0.156	0.38	0.184	0.204	1.76	47.663	47.110	48.252	48.068	48.407	48.734	1548	141	0.08	1/7
2/7	3/7	1/7												8.40	248	0.072	0	108	24.277	0.500	375	2	0.97	0.20	34 37	0.00	1.00	3.61	0.048	0.72	0.035		0.035	0.38	0.091	0.270	1.26	47.090	46.969	48.033	47.942	48.068	48.345				2/7
3/7	4/7	1/7 3/7	8.00	252	1.00	0.235	0.235	164	197	0.88	98	98	1/7A	8.00	252	0.302	0	203	35.562	0.520	450	2	1.27	0.30	33 34	0.48	0.83	3.04	0.083	1.24	0.102		0.102	0.51	0.180	0.363	1.47	47.024	46.839	47.839	47.659	47.942	48.094	1548	197	0.10	3/7
4/7																																								47.659	47.803				4/7
1/7A	4/7	1/7A	8.00	252	1.00	0.150	0.150	105	578	0.39	3	575	4/7	8.00	252	0.150	0	3	7.935	0.500	525	2	0.01	0.07	32	1.00		2.24	0.000	5.98	0.000		0.000	0.00	0.000	0.038	0.45	47.007	46.967	47.659	47.659	47.660	47.803	1264	578		1/7A
4/7																																								47.659	47.803				4/7
1/83	26/82	1/83	8.00	252	0.96	0.192	0.184	129	1689	0.17	154	1535	LOST	8.00	252	0.184	0	154	2.716	8.660	375	2	1.40	0.02	32	1.00		3.39	0.099	3.38	0.336		0.336	0.77	0.022	0.142	4.01	45.967	45.732	46.528	46.506	46.863	46.908	2800	1689		1/83
26/82																																								46.506	46.952				26/82
1/84	26/82	1/84	6.00	275	1.00	0.060	0.060	46	1230	0.53	0	1230	1/83	6.00	275	0.060	0	354	5.448	1.025	375	2	3.21	0.05	32				0.525	0.00	0.000		0.000	4.08	0.228	0.375	3.21	45.969	45.913	46.734	46.506	46.734	46.910	1855	1230		1/84
26/82																																								46.506	46.952				26/82
1/116	2/116	1/116	8.00	252	1.00	0.156	0.156	109	109	3.73	19	90	1/7	8.00	252	0.156	0	19	12.282	1.021	375	2	0.18	0.10	32	1.00		3.35	0.002	3.42	0.005		0.005	0.01	0.002	0.084	1.05	48.203	48.077	49.080	49.079	49.085	49.245	1743	109	0.08	1/116
2/116	3/116	1/116 2/116	6.00	275	1.00	0.064	0.064	49	49	0.76	49	0	1/127	8.10	251	0.220	0	64	67.373	1.000	375	2	0.58	0.56	32 42 46 43 47	0.72	1.00	3.73	0.017	1.99	0.034	2.08	0.035	0.13	0.088	0.156	1.46	48.057	47.383	49.045	48.956	49.080	49.399	1548	49	0.04	2/116
3/116	4/116	1/116 2/116 3/116	8.00	252	1.00	0.213	0.213	149	149	0.61	117	32	4/116	8.66	245	0.433	0	173	46.479	1.000	450	2	1.09	0.39	32 33 34	0.65	0.83	4.37	0.060	1.53	0.093		0.093	0.37	0.171	0.253	1.88	47.438	46.974	48.864	48.692	48.956	48.975	1264	149	0.08	3/116
4/116	5/116	1/127 1/116 2/116 3/116 4/116	8.00	252	1.00	0.167	0.167	117	149	0.61	-28	176	1/126	8.39	248	0.672	0	166	43.964	1.000	450	2	1.04	0.37	33 34	0.00	1.00	2.63	0.056	0.25	0.014		0.014	0.34	0.149	0.247	1.86	46.954	46.514	47.675	47.526	47.689	48.692	1264	149	0.08	4/116
5/116	6/116	1/127 1/116 2/116 3/116 4/116												8.75	244	0.672	0	159	33.061	0.750	450	2	1.00	0.28	37 42 43	0.00	1.00	3.30	0.051	1.03	0.052	1.10	0.056	0.31	0.103	0.263	1.65	46.494	46.246	47.474	47.371	47.530	48.483				5/116
6/116	7/116	1/127 1/116 2/116 3/116 4/116												9.03	242	0.672	0	154	18.012	0.750	450	2	0.97	0.15	42 46 43 47	0.00	1.00	3.56	0.048	1.22	0.058	1.33	0.064	0.29	0.053	0.257	1.64	46.226	46.091	47.312	47.260	47.376	48.284				6/116
7/116	8/116	1/125 1/126 1/127 1/116 2/116 3/116 4/116												9.18	240	0.913	0	267	46.109	0.751	525	2	1.23	0.38	37 42 43	0.00	1.00	3.23	0.077	0.82	0.063	0.84	0.065	0.38	0.177	0.329	1.87	46.091	45.745	47.196	47.019	47.261	48.164				7/116
8/116	9/116	1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116												9.56	237	1.152	0	366	60.750	0.750	525	2	1.69	0.51	34 37	0.00	1.00	3.47	0.146	0.39	0.057		0.057	0.72	0.440	0.423	1.96	45.725	45.269	46.962	46.522	47.019	47.765				8/116
9/116	10/116	1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116	0.00	0		0.000	0.000	0	36		0	36	1/120	8.94	243	1.903	0	571	10.599	0.750	675	2	1.60	0.09	34 37	0.00	1.00	2.66	0.130	0.57	0.074		0.074	0.46	0.049	0.450	2.25	45.399	45.320	46.448	46.399	46.522	47.219	1548	36		9/116
10/116	11/116	1/120 1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116												9.03	242	1.964	0	631	51.189	0.750	750	2	1.43	0.43	33 34	0.00	1.00	2.44	0.104	0.23	0.024		0.024	0.32	0.165	0.443	2.33	45.320	44.936	46.375	46.211	46.399	47.124				10/116
11/116	11A/116	1/118 1/120 1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116												9.15	241	2.371	0	482	8.550	0.550	825	2	0.90	0.07	46 47	0.00	1.00	2.48	0.041	1.82	0.075	1.94	0.080	0.11	0.010	0.390	1.94	44.991	44.944	46.135	46.126	46.216	46.533				11/116
11A/116	12/116	1/117 1/118 1/120 1/121 2/121 4/121 1/122 1/123 1/124 1/125 1/126 1/127 1/116 2/116 3/116 4/116												9.22	240	2.471	0	504	14.091	0.700	825	2	0.94	0.12	34 37	0.00	1.00	2.46	0.045	0.62	0.028		0.028	0.12	0.017	0.373	2.15	44.924	44.825	46.097	46.080	46.126	46.548				11A/116
12/116																																								46.080	45.025				12/116
1/117	11A/116	1/117	6.00	275	1.00	0.100	0.100	76	2972	0.16	36	2935	LOST	6.00	275	0.100	0	36	8.202	1.222	375	2	0.33	0.07	32	1.00		2.32	0.005	5.67	0.031		0.031	0.04	0.004	0.110	1.33	45.667	45.567	46.129	46.126	46.160	46.495	3050	2972		1/117
1/118	11/116	1/118	8.00	252	1.00	0.434	0.434	304	1870	0.16	-112	1983	1/117	8.00	252	0.434	0	284	6.014	1.135	375	2	2.57	0.06	32				0.337	0.00	0.000		0.000	2.62	0.179	0.375	2.57	45.539	45.471	46.389	46.211	46.389	46.490	3050	1870		1/118
1/120	10/116	1/120	6.00	275	1.00	0.061	0.061	47	83	0.90	70	12	1/117	6.00	275	0.061	0	70	2.276	1.307	375	2	0.64	0.02	32	1.00		2.09	0.021	6.64	0.137		0.137	0.16	0.004	0.157	1.60	46.133	46.103	46.403	46.399	46.540	47.111	1548	83	0.07	1/120
1/121	2/121	1/121	8.00	252	1.00	0.214	0.214	150	150	1.54	38	112	1/122	8.00	252	0.214	0	38	7.936	1.000	375	2	0.34	0.07	32	1.00		3.14	0.006	3.65	0.022		0.022	0.05	0.004	0.118	1.27	46.673	46.594	47.453	47.449	47.475	47.613	1929	150	0.10	1/121
2/121	3/121	1/121 2/121	8.00	252	1.00	0.190	0.190	133	133	1.54	96	37	4/121	8.07	251	0.405	0	134	18.029	1.136	375	2	1.21	0.15	32 46 47	0.72	1.00	3.37	0.075	2.09	0.156	2.28	0.170	0.58	0.104	0.234	1.84	46.574	46.369	47.293	47.188	47.463	47.612	1929	133	0.09	2/121
3/121	4/121	1/121 2/121												8.22	250	0.405	0	132	23.322	1.302	375	2	1.19	0.19	37 42 43	0.00	1.00	3.30	0.073	0.83	0.060	0.85	0.062	0.57	0.132	0.222	1.93	46.327	46.024	47.128	46.996	47.190	47.370				3/121
4/121	9/116	1/121 2/121 4/121	6.00	275	1.00	0.042	0.042	32	570	0.36	-15	585	1/118	8.41	248	0.446	0	111	13.544	1.003	375	2	1.01	0.11	33 34	0.00	1.00	2.56	0.052	0.22	0.011		0.011	0.40	0.055	0.217	1.68	46.004	45.868	46.577	46.522	46.588	46.996	1264	570		4/121
1/122	9/116	1/122	8.00	252	1.00	0.372	0.372	261	639	0.78	138	501	4/121	8.00	252	0.372	0	138	15.900	1.004	375	2	1.25	0.13	32	1.00		3.20	0.079	3.58	0.284		0.284	0.62	0.098	0.250	1.76	46.078	45.918	46.620	46.522	46.904	46.996	1548	639		1/122
1/123	8/116	1/123	6.00	275	1.00	0.038	0.038	29	93	0.90	57	36	9/116	6.00	275	0.038	0	57	5.611	2.238	375	2	0.52	0.05	32	1.00		1.78	0.014	5.75	0.079		0.079	0.11	0.006	0.120	1.88	46.810	46.684	47.025	47.019	47.104	47.786	1548	93	0.08	1/123
1/124	8/116	1/124	8.00	252	1.00	0.201	0.201	141	329	0.90	64	266	1/122	8.00	252	0.201	0	64	4.304	1.019	375	2	0.58	0.04	32	1.00		1.93	0.017	7.40	0.125		0.125	0.13	0.006	0.156	1.46	46.803	46.759	47.025	47.019	47.150	47.743	1548	329	0.16	1/124

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER CALCULATIONS 1% AEP STORM - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C442
REV B

LOCATION			TIME			SUB-CATCHMENT RUNOFF				INLET DESIGN					DRAIN DESIGN									HEADLOSSES											PART FULL		DESIGN LEVELS						RUNOFF			
			tc	I	C	A	CA	Q			Qg	Qb		tc	I	CA		Qp	L	S			Vf=Q/A			STRUCTURE RATIOS			V2/2g	Ku	hu	Kw	hw	Sf	hf	dn	Vn									
STRUCTURE NUMBER	DOWNSTREAM STRUCTURE	SUB-CATCHMENTS CONTRIBUTING	SUB-CATCHMENT TIME OF CONCENTRATION	RAINFALL INTENSITY	CO-EFFICIENT OF RUNOFF	SUB-CATCHMENT AREA	EQUIVALENT AREA	SUB-CATCHMENT DISCHARGE	FLOW IN K&C (INC. BYPASS)	ROAD GRADE AT INLET	FLOW INTO INLET	BYPASS FLOW	BYPASS STRUCTURE NUMBER	CRITICAL TIME OF CONCENTRATION	RAINFALL INTENSITY	TOTAL (C x A)	SUM ADDITIONAL PIPE FLOW	PIPE FLOW	REACH LENGTH	PIPE GRADE	PIPE/BOX DIMENSIONS	CLASS	FULL PIPE VELOCITY	TIME OF FLOW IN REACH	CHARTS USED	Qg/Qo	Du/Do	S/Do	VELOCITY HEAD	UPSTREAM HEADLOSS CO-EFFICIENT	UPSTREAM HEADLOSS	W.S.E. CO-EFFICIENT	CHANGE IN W.S.E.	PIPE FRICTION SLOPE	PIPE FRICTION HEADLOSS (L x Sf)	NORMAL DEPTH	NORMAL DEPTH VELOCITY	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					m		m		m	%	m	m	m/s	m	m	m	m	m	m	l/s	l/s	m^3/s	
1/125	7/116	1/125	6.00	275	1.00	0.080	0.080	61	92	0.70	28	64	1/123	6.00	275	0.080	0	28	4.935	2.279	375	2	0.25	0.04	32	1.00		1.26	0.003	9.70	0.032		0.032	0.03	0.001	0.083	1.54	47.195	47.082	47.261	47.260	47.293	48.170	1264	92	0.08	1/125
1/126	7/116	1/126	8.00	252	1.00	0.160	0.160	112	289	0.71	100	188	1/124	8.00	252	0.160	0	100	5.913	1.040	375	2	0.91	0.05	32	1.00		1.99	0.042	7.07	0.296		0.296	0.33	0.020	0.203	1.64	47.206	47.145	47.280	47.260	47.576	48.162	1264	289	0.14	1/126
1/127	4/116	1/127	6.00	275	1.00	0.085	0.085	65	65	0.61	34	31	1/125	6.00	275	0.085	0	34	8.118	1.024	375	2	0.31	0.07	32	1.00		3.52	0.005	3.24	0.016		0.016	0.04	0.003	0.112	1.24	47.767	47.684	48.696	48.692	48.712	48.712	1264	65	0.05	1/127

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE

ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: STORMWATER CALCULATIONS 1% AEP STORM - SHEET 2

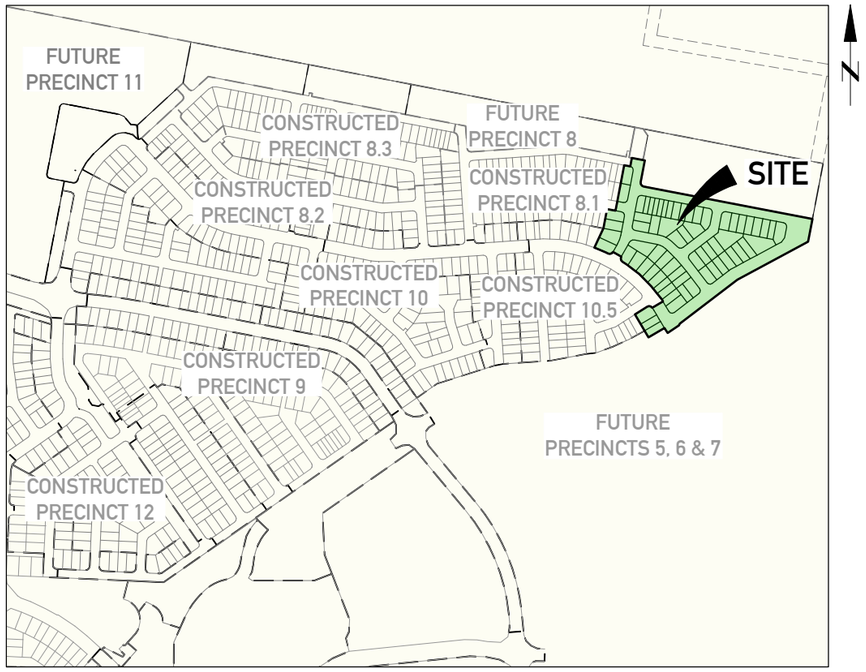
JOB CODE: MIR-0804
SHEET NUMBER: C443
REV: B

EVERLEIGH PRECINCT 8.4 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 8.4 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		66
AREA ha		4.68ha
LENGTH OF SEWERS	DN150 uPVC SN8	774.635m

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND SEWERAGE CODE SPECIFICATIONS AND STANDARDS.
2. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
3. 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.
4. 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.
5. ALL PIPES AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE "ACCEPTED PRODUCTS AND MATERIALS" LIST.
6. EACH ALLOTMENT SHALL BE SERVED BY A DN100 PROPERTY CONNECTION. FOR ALLOTMENTS OTHER THAN SINGLE RESIDENTIAL, A DN150 PROPERTY CONNECTION SHALL BE PROVIDED.
7. PROPERTY CONNECTIONS SHALL BE LOCATED WITHIN THE PROPERTY AS SHOWN IN THE DRAWINGS.
8. PROPERTY CONNECTION BRANCHES SHALL EXTEND INTO THE PROPERTY A MINIMUM OF 300mm AND A MAXIMUM OF 750mm.
9. 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.
10. WHERE SEWERS HAVE A GRADE OF 1 IN 20 OR STEEPER,BULKHEADS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SEQ SEWER CODE.
11. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES BEFORE COMMENCING WORKS.
12. SEWERS SHALL BE DISUSED /ABANDONED IN ACCORDANCE WITH PROCEDURES SET OUT IN THE SEQ SEWER CODE.
13. BENCH MARK AND LEVELS TO AHD.
14. REFER TO BULK EARTHWORKS DRAWINGS FOR FINISHED SURFACE LEVELS.
15. 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.
16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO ALLOW CONSTRUCTION OF THE SEWER SYSTEM.
17. THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATION AND SAFE SHORING TO ALLOW SEWER MAINTENANCE SECTION TO CARRY OUT LIVE SEWER WORK.
18. 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.
19. CONSTRUCT PROPERTY CONNECTIONS TO SEQ-SEW-1100 SERIES.
20. CONSTRUCT MAINTENANCE STRUCTURES TO SEQ-SEW-1300 SERIES.
21. CONSTRUCT BULKHEADS TO SEQ-SEW-1206-1.
22. INSTALL DETECTABLE MARKER TAPE ON ALL MAINS AND PROPERTY CONNECTIONS.
23. CALCAREOUS CONCRETE IN MAINTENANCE HOLES REQUIRED IN ACCORDANCE WITH SEQ WS&S D&C CODE REQUIREMENTS.
24. 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

A. TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
B. WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES S HALL 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.
C. 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.
D. ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST

SOIL

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

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

REHABILITATION

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

SAFETY

A. 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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

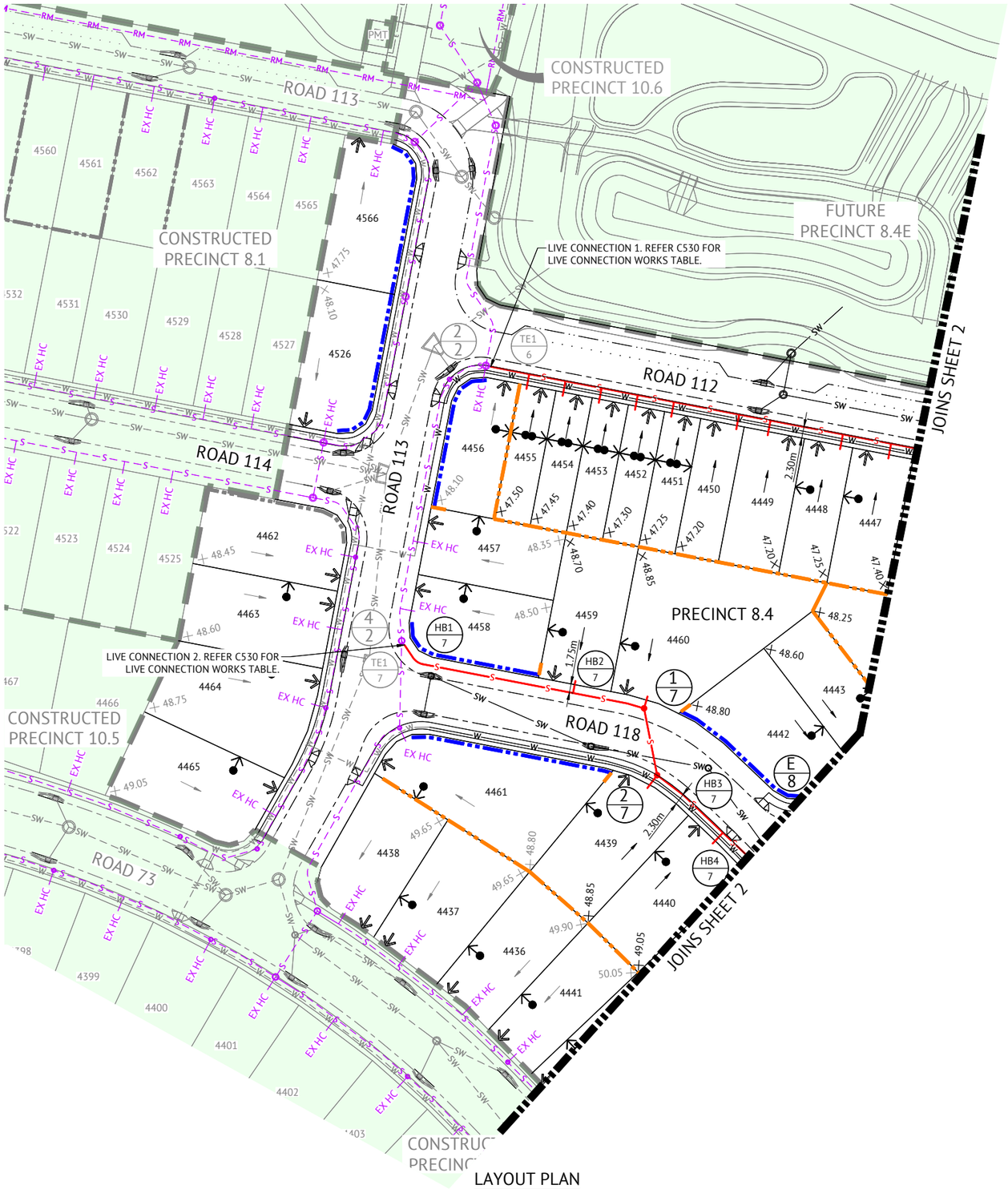
SCALE
0 100 200 300m
SCALE 1:5000 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE LOCALITY PLAN & NOTES

JOB CODE MIR-0804
SHEET NUMBER C500
REV B

CONSTRUCTED HOUSE CONNECTION DETAILS

LOT #	INVERT LEVEL	DEPTH
4381	49.322	1.250
4382	49.293	1.250
4383	49.070	1.250
4405	48.577	1.250
4406	48.763	1.250
4407	48.917	1.250
4408	49.089	1.250
4409	49.383	1.250
4436	48.223	1.250
4437	47.977	1.250
4438	47.932	1.250
4441	48.396	1.250
4456	45.874	1.250
4457	46.614	1.250
4458	46.759	1.250
4461	46.825	1.250
4462	46.696	1.250
4463	46.846	1.250
4464	47.006	1.250
4465	47.251	1.250
4466	47.896	1.250
4526	46.334	1.250
4566	46.002	1.250



LAYOUT PLAN
SCALE 1:500

LEGEND - PROPOSED

- GRAVITY SEWER
- Ø100mm PROPERTY CONNECTION. 7.5m OFFSET FROM SIDE BDY WITH DWAY. 1.2m OFFSET FROM SIDE BDY 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).
- 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 CONCRETE FOOTPATH & KERB RAMP
- STAGE BOUNDARY
- FALL ARROW

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

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	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE LAYOUT PLAN - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C510
REV B

LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- GRAVITY SEWER
- Ø100mm PROPERTY CONNECTION. 7.5m OFFSET FROM SIDE BDY WITH DWAY. 1.2m OFFSET FROM SIDE BDY WITHOUT DWAY. TYPICAL U.N.O.
- MAINTENANCE STRUCTURE
- PROPOSED MAINTENANCE HOLE OR MAINTENANCE SHAFT NUMBER. REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
- HB1 1 — 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 CONCRETE FOOTPATH & KERB RAMP
- STAGE BOUNDARY
- FALL ARROW

LEGEND - CONSTRUCTED

- EX HC — Ø100mm CONSTRUCTED PROPERTY CONNECTION
- GRAVITY SEWER
- SEWER RISING MAIN
- MAINTENANCE STRUCTURE
- STORMWATER DRAINAGE
- DRINKING WATER MAIN
- 4 / 3 — MAINTENANCE HOLE OR MAINTENANCE SHAFT NUMBER. REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
- HB1 3 — HORIZONTAL BEND (3m RADIUS).
- PMT — PADMOUNT TRANSFORMER

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		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: SEWERAGE LAYOUT PLAN - SHEET 2

JOB CODE: MIR-0804
SHEET NUMBER: C511
REV: B

MAINTENANCE HOLE / SHAFT NO.	TE1/6	1/6	2/6	HB1/6	3/6	HB2/6	HB3/6	4/6	HB4/6
MH / MS COVER TYPE		B	B		B			B	
MH / MS TYPE	TE	A	A	LRB	J	LRB	LRB	J	LRB
MH DROP TYPE		V V	V V		V			V	
LINE NO.		8 | 6	9 | 6		6			6	

LOT NO.	PROPERTY CONNECTION DEPTH	PROPERTY CONNECTION INVERT LEVEL	PROPERTY CONNECTION TYPE
4455	1.250	45.783	D
4454	1.250	45.717	D
4453	1.250	45.651	B
4452	1.250	45.585	B
4451	1.250	45.519	B
4450	1.250	45.411	B
4449	1.250	45.408	B
4448	1.250	45.557	B
4447	1.250	45.686	B
4446	1.250	45.846	B
4445	1.250	45.994	B
4427	1.250	46.282	B
4426	1.250	46.417	B
4425	1.250	46.529	B
4424	1.250	46.642	B
4423	1.250	46.754	B
4422	1.250	46.880	B
4421	1.250	46.986	B
4420	1.250	47.062	B

LEGEND

RR DENOTES ROAD RESERVE
PP DENOTES PRIVATE PROPERTY

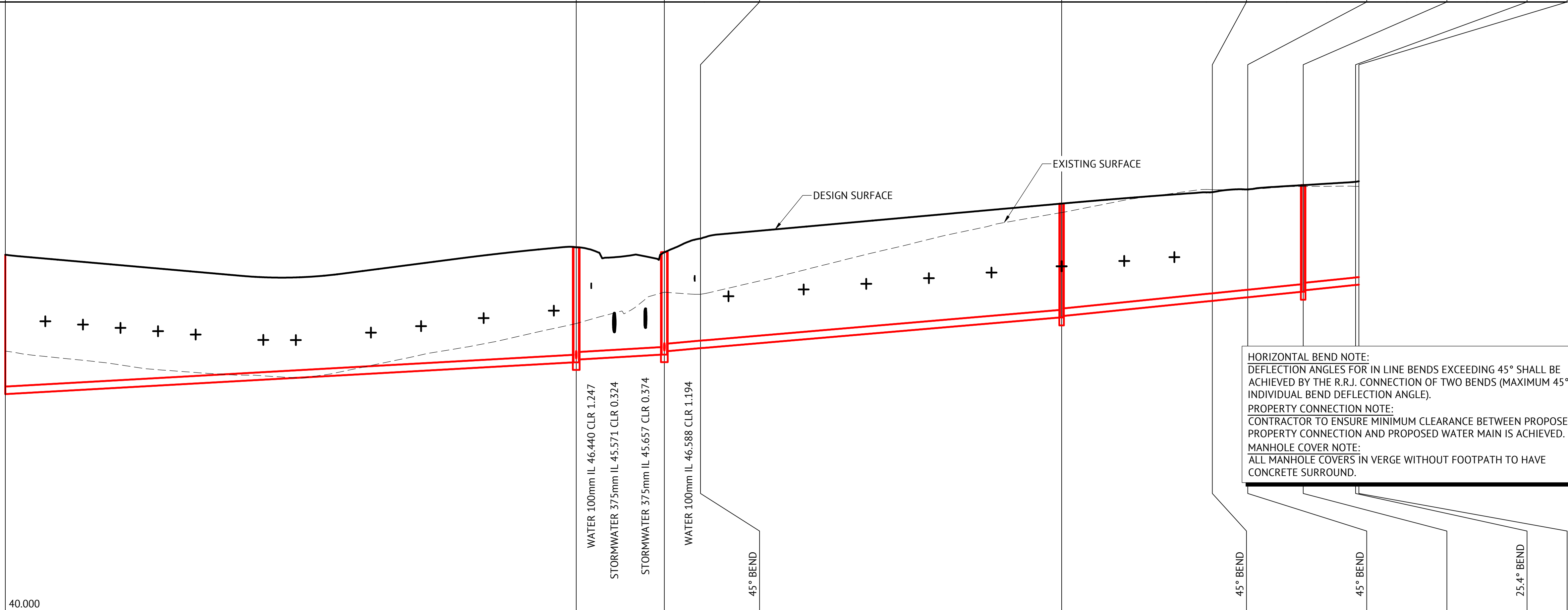
MANHOLE TYPES	
A	CONCRETE MANHOLE 1.050Ø
B	CONCRETE MANHOLE 1.200Ø
C	CONCRETE MANHOLE 1.500Ø
J	TYPE 'J' 1 MAINTENANCE SHAFT (DN300 SHAFT)
TE	TEMPORARY END
LRB	HORIZONTAL BEND (3m HORIZ. RADIUS)

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

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 40.000

PROPERTY DESCRIPTION: RR
PIPE SIZE (mm), CLASS: DN150 uPVC SN8
EMBEDMENT TYPE: TYPE 3

GRADE (1 IN X)	LENGTH
180	113.971
180	17.600
118	6.042
118	1.178
118	1.178
118	70.904
100	28.908
100	1.178
100	1.178
100	4.800
100	1.087
100	1.269
100	9.796
100	9.796
100	0.666
100	0.666

CHAINAGE (CH)	DEPTH OF INVERT BELOW FSL	INVERT LEVEL (IL)	FINISHED SURFACE LEVEL (FSL)	EXISTING SURFACE LEVEL (ESL)
1.000	2.779	44.331	47.110	45.187
114.971	2.294 / 2.238	44.964 / 45.020	47.258	45.738
132.571	2.042 / 1.975	45.118 / 45.185	47.160	46.363
138.613	2.173	45.237	47.409	46.320
139.791	2.186	45.247	47.433	46.322
140.969	2.212	45.257	47.468	46.342
211.873	2.270 / 2.240	45.859 / 45.889	48.130	47.950
240.782	2.175	46.178	48.353	48.412
241.960	2.167	46.190	48.357	48.408
243.138	2.176	46.202	48.378	48.406
247.937	2.165	46.250	48.415	48.407
249.024	2.150	46.261	48.411	48.409
250.293	2.153	46.273	48.426	48.417
260.090	2.126 / 2.096	46.371 / 46.401	48.498	48.471
269.886	2.058	46.499	48.557	48.476
270.553	2.058	46.506	48.564	48.474
271.218	2.061	46.513	48.574	48.474

LINE 6

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

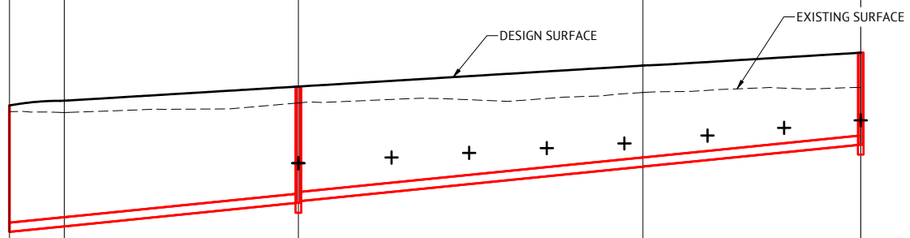
REVISIONS

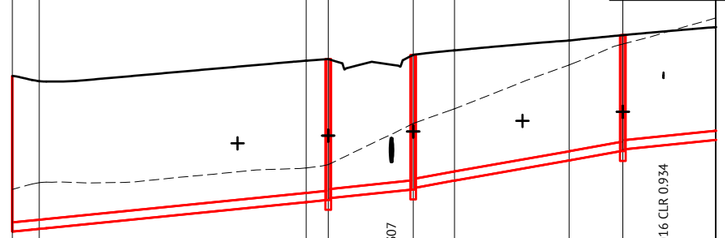
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

SCALE: HORIZONTAL 1:500 (A1) 0 10 20 30m; VERTICAL 1:50 (A1) 0 1 2 3m
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 1
JOB CODE: MIR-0804
SHEET NUMBER: C520
REV: B





MAINTENANCE HOLE / SHAFT NO.

MAINTENANCE HOLE / SHAFT NO.	MH / MS COVER TYPE	MH / MS TYPE	MH DROP TYPE	LINE NO.
HB5/6		LRB		
5/6	B	J	V	6
HB6/6		LRB		
6/6	B	J		
TE1/7		TE		
HB1/7		LRB		
HB2/7		LRB		
1/7	B	J	V	7
2/7	B	J	V	7
HB3/7		LRB		
HB4/7		LRB		
3/7	B	J	V	7
HB5/7		LRB		

LOT NO.	PROPERTY CONNECTION DEPTH	PROPERTY CONNECTION INVERT LEVEL	PROPERTY CONNECTION TYPE
4419	1.250	47.632	B
4418	1.250	47.725	B
4417	1.250	47.801	B
4416	1.250	47.878	B
4415	1.250	47.955	B
4414	1.199	48.083	B
4413	1.149	48.209	B
4412	1.102	48.332	B
4459	1.250	46.956	B
4460	1.250	47.081	B
4439	1.250	47.149	B
4440	1.250	47.322	B
4435	1.250	47.470	B

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 1.050
B	CONCRETE MANHOLE 1.200
C	CONCRETE MANHOLE 1.500
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

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.

LINE 6

DATUM RL 42.000
PROPERTY DESCRIPTION: RR
PIPE SIZE (mm), CLASS: DN150 uPVC SN8
EMBEDMENT TYPE: TYPE 3

GRADE (1 IN X)	100	100	100	100	100	100	100	100
LENGTH	8.275	0.666	0.666	37.524	55.955	0.240	0.241	35.296

CHAINAGE (CH)	DEPTH OF INVERT BELOW FSL	INVERT LEVEL (IL)	FINISHED SURFACE LEVEL (FSL)	EXISTING SURFACE LEVEL (ESL)
271.218	2.061	46.513	48.574	48.474
279.493	2.054	46.596	48.650	48.460
280.159	2.049	46.602	48.651	48.459
280.825	2.046	46.609	48.655	48.460
318.349	1.898 1.868	46.984 47.014	48.882	48.615
374.304	1.649	47.574	49.223	48.784
374.543	1.649	47.576	49.225	48.785
374.784	1.647	47.579	49.226	48.787
410.080	1.502	47.932	49.434	48.870

LINE 7

DATUM RL 41.000
PROPERTY DESCRIPTION: RR
PIPE SIZE (mm), CLASS: DN150 uPVC SN8
EMBEDMENT TYPE: TYPE 3

GRADE (1 IN X)	LENGTH
100	3.194
100	1.178
100	1.178
100	42.236
100	0.137
100	0.137
100	3.454
100	13.861
57	6.564
57	0.168
57	0.168
57	18.395
57	0.129
57	0.129
57	8.637
100	14.995
100	0.108
100	0.108

CHAINAGE (CH)	DEPTH OF INVERT BELOW FSL	INVERT LEVEL (IL)	FINISHED SURFACE LEVEL (FSL)	EXISTING SURFACE LEVEL (ESL)
1.000	2.539	45.517	48.056	46.206
4.194	2.441	45.549	47.990	46.293
5.372	2.409	45.561	47.969	46.316
6.550	2.391	45.572	47.964	46.323
48.786	2.308	45.995	48.303	46.554
48.923	2.307	45.997	48.304	46.555
49.060	2.307	45.998	48.305	46.557
52.515	2.299 2.269	46.033 46.063	48.331	46.609
66.375	2.198 2.168	46.201 46.231	48.399	47.281
72.939	2.124	46.346	48.470	47.513
73.107	2.122	46.349	48.471	47.520
73.275	2.121	46.352	48.473	47.526
91.669	1.957	46.674	48.631	48.230
91.798	1.956	46.676	48.632	48.234
91.928	1.955	46.679	48.633	48.239
100.565	1.890 1.860	46.830 46.860	48.720	48.575
115.560	1.839	47.010	48.849	48.995
115.668	1.838	47.011	48.849	48.998
115.776	1.838	47.012	48.850	49.001

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
HORIZONTAL 1:500 (A1) 0 10 20 30m
VERTICAL 1:50 (A1) 0 1 2 3m
ORIGINAL SHEET SIZE A1

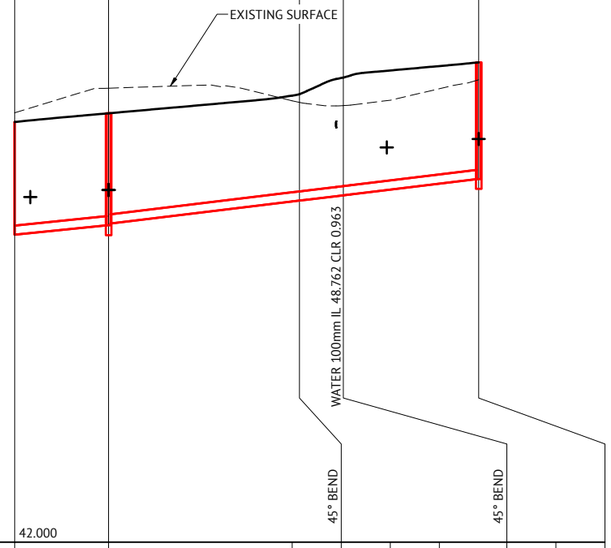
CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 2

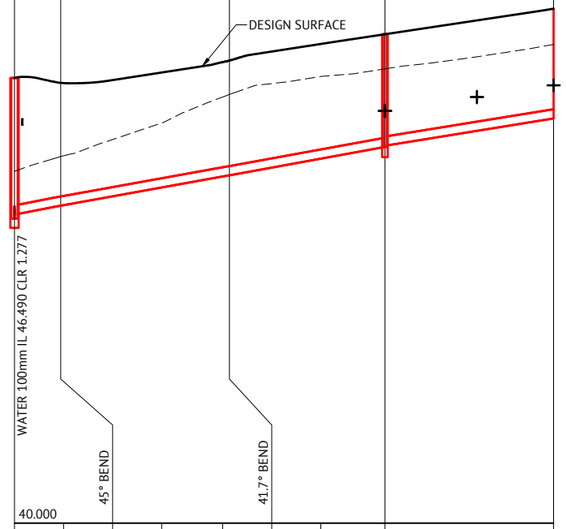
JOB CODE: MIR-0804
SHEET NUMBER: C521
REV: B

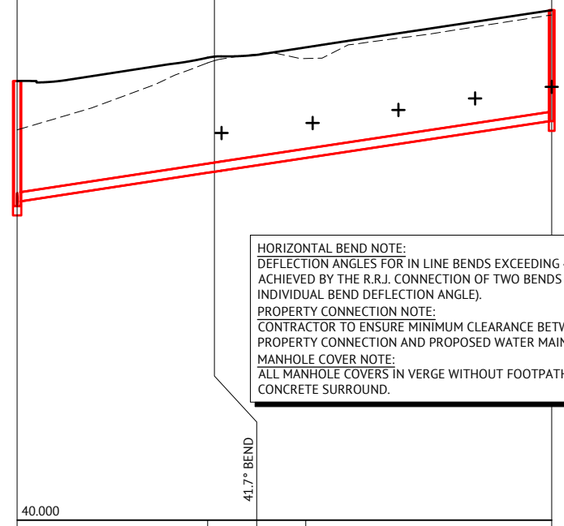
MAINTENANCE HOLE / SHAT NO.		4/7			HB6/7		HB7/7	5/7
MH / MS COVER TYPE			B					B
MH / MS TYPE			J		LRB		LRB	J
MH DROP TYPE			V					
LINE NO.			7					
PROPERTY CONNECTION DEPTH	1.250	1.250			1.250		1.250	
PROPERTY CONNECTION INVERT LEVEL	47.626	47.742			48.435		48.573	
PROPERTY CONNECTION TYPE	B	B			B		B	
LOT NO.	4434	4433			4411		4410	

MAINTENANCE HOLE / SHAT NO.		1/6	HB1/8		HB2/8	1/8		E/8
MH / MS COVER TYPE		B				B		
MH / MS TYPE		A	LRB		LRB	J		END
MH DROP TYPE	V	V				V		
LINE NO.	8	6				8		
PROPERTY CONNECTION DEPTH					1.250	1.250	1.250	
PROPERTY CONNECTION INVERT LEVEL					46.721	46.947	47.138	
PROPERTY CONNECTION TYPE					B	B	B	
LOT NO.					4444	4443	4442	

MAINTENANCE HOLE / SHAT NO.		2/6		HB1/9				1/9
MH / MS COVER TYPE		B						B
MH / MS TYPE		A		LRB				J
MH DROP TYPE	V	V						
LINE NO.	9	6						
PROPERTY CONNECTION DEPTH			1.250	1.250	1.250	1.250	1.250	
PROPERTY CONNECTION INVERT LEVEL			46.312	46.475	46.688	46.876	47.064	
PROPERTY CONNECTION TYPE			B	B	B	B	B	
LOT NO.			4428	4429	4430	4431	4432	







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

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		42.000							
PROPERTY DESCRIPTION				RR					
PIPE SIZE (mm), CLASS				DN150 uPVC SN8					
GRADE (1 IN X)		100	83	83	83	83	83	83	83
LENGTH		15.309	29.946	1.178	1.178	4.800	1.178	1.179	20.906
EMBEDMENT TYPE				TYPE 3					
DEPTH OF INVERT BELOW FSL	1.838	1.827	1.797 1.725	1.735	1.770	1.910	1.919	1.940	1.903
INVERT LEVEL (IL)	47.012	47.165	47.195 47.555	47.569	47.583	47.640	47.655	47.669	47.920
FINISHED SURFACE LEVEL (FSL)	48.850	48.992	49.279	49.304	49.353	49.551	49.573	49.609	49.823
EXISTING SURFACE LEVEL (ESL)	49.001	49.402	49.196	49.170	49.151	49.112	49.118	49.125	49.538
CHAINAGE (CH)	115.776	131.085	161.031	162.209	163.387	168.187	169.365	170.543	191.449
LINE				7					

DATUM RL		40.000								
PROPERTY DESCRIPTION					RR					
PIPE SIZE (mm), CLASS					DN150 uPVC SN8					
GRADE (1 IN X)		56	56	56	56	56	56	56	62	
LENGTH		6.364	1.178	1.178	25.236	1.092	1.092	24.284	27.500	
EMBEDMENT TYPE						TYPE 3				
DEPTH OF INVERT BELOW FSL	2.294	2.218	2.041	2.002	1.974	1.864	1.870	1.882	1.843	1.789
INVERT LEVEL (IL)	44.964	45.041	45.155	45.177	45.198	45.652	45.672	45.691	46.128	46.598
FINISHED SURFACE LEVEL (FSL)	47.258	47.197	47.178	47.172	47.516	47.542	47.573	47.971	48.388	
EXISTING SURFACE LEVEL (ESL)	45.738	45.943	45.977	46.007	46.948	46.989	47.027	47.406	47.804	
CHAINAGE (CH)	0.000	6.364	7.543	8.721	33.957	35.049	36.140	60.424	87.924	
LINE				8						

DATUM RL		40.000					
PROPERTY DESCRIPTION			RR				
PIPE SIZE (mm), CLASS			DN150 uPVC SN8				
GRADE (1 IN X)		67	67	67	67		
LENGTH		31.068	1.092	1.092	53.930		
EMBEDMENT TYPE			TYPE 3				
DEPTH OF INVERT BELOW FSL	2.042	1.962	1.876	1.878	1.866	1.808	
INVERT LEVEL (IL)	45.118	45.198	45.664	45.680	45.697	46.506	
FINISHED SURFACE LEVEL (FSL)	47.160	47.540	47.558	47.562	48.314		
EXISTING SURFACE LEVEL (ESL)	46.363	47.455	47.492	47.517	48.238		
CHAINAGE (CH)	0.000	31.068	32.159	33.252	87.181		
LINE			9				

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE
HORIZONTAL 1:500 (A1)
0 10 20 30m
VERTICAL 1:50 (A1)
0 1 2 3m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE GRAVITY MAIN LONG SECTIONS - SHEET 3

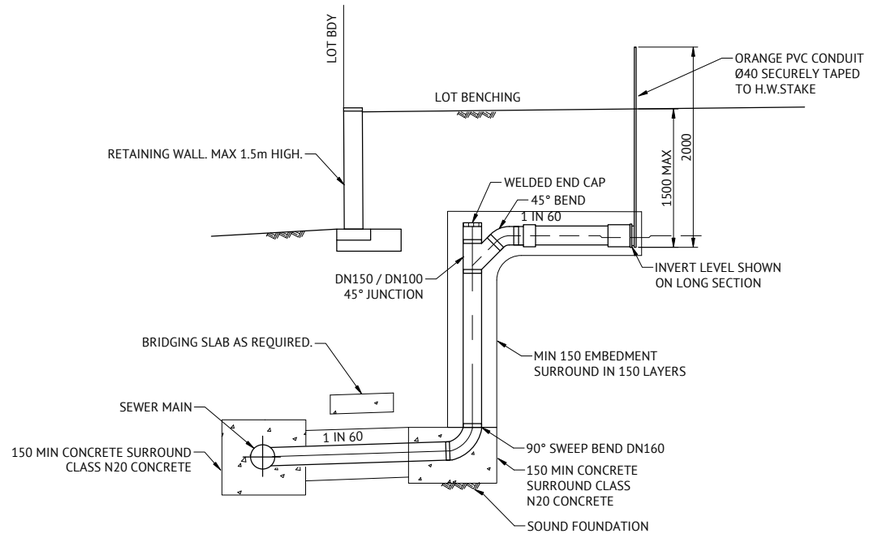
JOB CODE MIR-0804
SHEET NUMBER C522
REV B

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 TE1/6, CONSTRUCTOR TO LAY NEW LINE 6. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY AGENCY.	150	TE1/6	END	-	4456	47.110	45.187	44.331	2.779
1(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 6 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
2(A)	0.5m FROM STUB END CAP TE1/7, CONSTRUCTOR TO LAY NEW LINE 7. AFTER CLEANSING, TESTING AND INSPECTING.	150	TE1/7	END	-	4458	48.056	46.206	45.517	2.539
2(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 7 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									

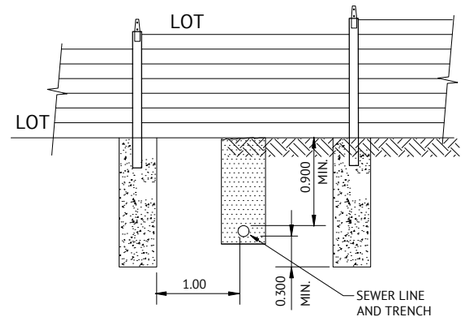
LEVELS IN THE LIVE SEWER TABLE ARE DESIGN LEVELS.
AS CONSTRUCTED INFORMATION TO BE ADDED WHEN AVAILABLE.

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.



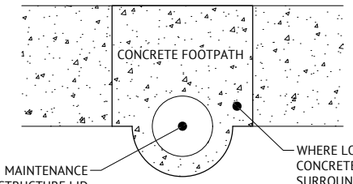
EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL - TYPE D (E)

NTS



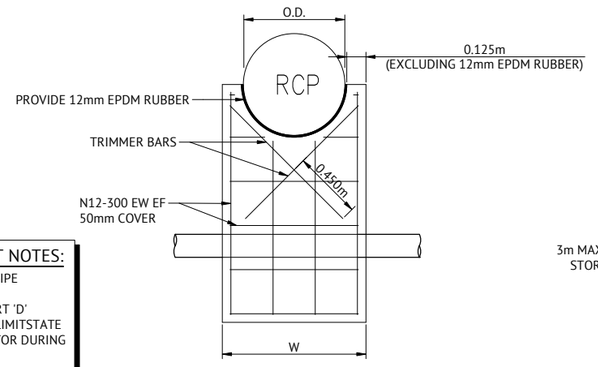
SEWER LINE CROSSING CONCRETE SLEEPER RETAINING WALL BRIDGING SLAB DETAIL

NTS

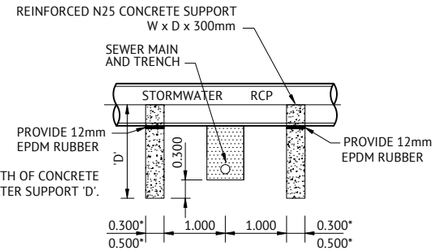


TYPICAL MAINTENANCE STRUCTURE IN CONCRETE FOOTPATH DETAIL

NTS



SECTION



ELEVATION

CONCRETE STORMWATER SUPPORT TYPICAL DETAIL

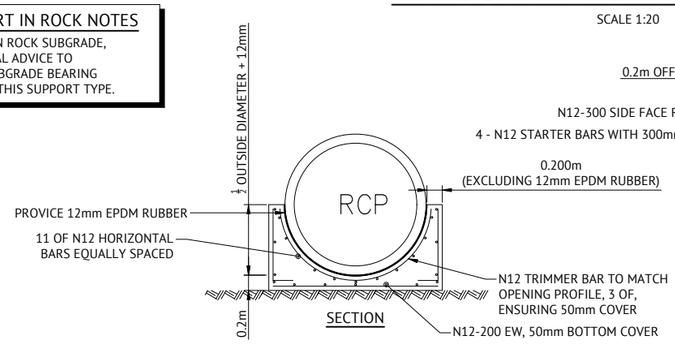
SCALE 1:20

GENERAL CONCRETE STORMWATER SUPPORT NOTES:

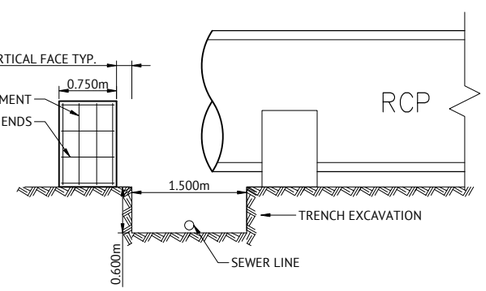
1. SUPPORTS TO BE INSTALLED WHERE STORMWATER PIPE DIAMETER IS EQUAL TO OR GREATER THAN 600mm.
2. 3m MAX DEPTH OF CONCRETE STORMWATER SUPPORT 'D'
3. DESIGN BASED ON ACHIEVING 100kPa OF ULTIMATE LIMITSTATE BEARING CAPACITY. TO BE CONFIRMED BY CONTRACTOR DURING CONSTRUCTION.
4. 0.300m* WIDTH UP TO 1050 RCP CLASS 2
5. 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.



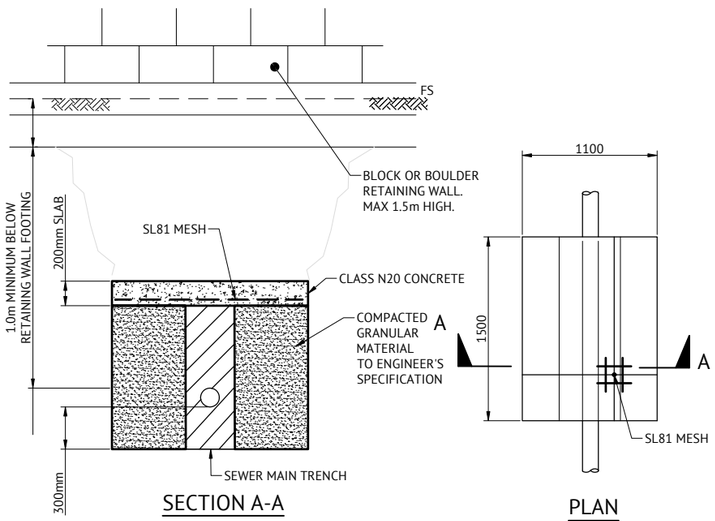
SECTION



ELEVATION

CONCRETE STORMWATER SUPPORT IN ROCK SUBGRADE DETAIL

SCALE 1:40



SECTION A-A

PLAN

SERVICE LINE CROSSING BOULDER OR BLOCK RETAINING WALL BRIDGING SLAB DETAIL

NTS

STRUCTURAL DETAILS APPROVED DATE
ARTHUR ROWSON RPEQ 12412

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

SCALE NTS
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE NOTES AND DETAILS

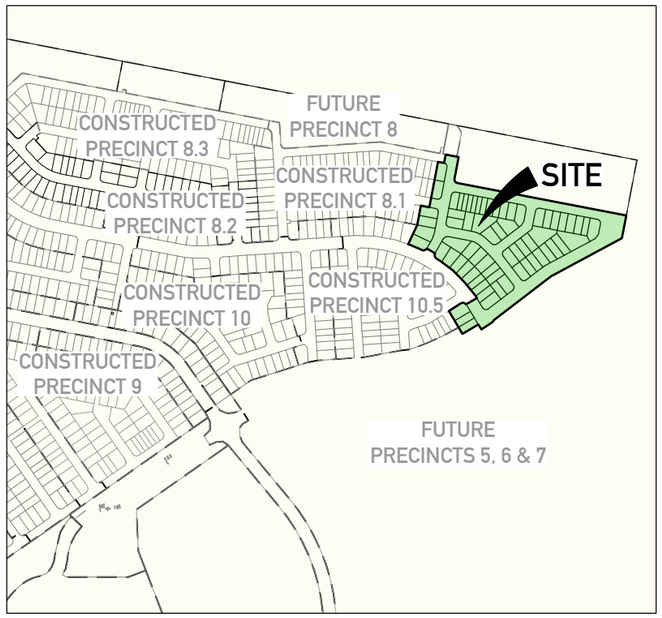
JOB CODE MIR-0804
SHEET NUMBER C530
REV B

EVERLEIGH PRECINCT 8.4 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

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND WATER SUPPLY CODE SPECIFICATIONS AND STANDARDS.
2. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
3. ADOPT LIP OF KERB OR SHOULDER OF ROAD AS PERMANENT LEVEL.
4. COVER OF MAIN FROM PERMANENT LEVEL TO BE AS SHOWN IN SEQ-WAT-1200-2.
5. CONDUITS TO BE INSTALLED IN ACCORDANCE WITH THE STANDARD DRAWINGS.
6. 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
7. ALL CONCRETE FOOTPATHS TO BE CLEAR OF WATER MAINS. WHERE POSSIBLE
8. 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.
9. 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.
10. CONSTRUCT THRUST BLOCKS ON ALL BENDS, TEES, TAPERS AND DEAD ENDS IN ACCORDANCE WITH SEQ-WAT-1205-1, AND SEQ-WAT-1206-1.
11. 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.
12. INSTALL SCOURS IN ACCORDANCE WITH SEQ-WAT-1307-3.
13. INSTALL DETECTABLE MARKER TAPE ON ALL WATER MAINS AND PROPERTY SERVICES.
14. INSTALL HYDRANTS IN ACCORDANCE WITH SEQ-WAT-1302-1, SEQ-WAT-1303-1
15. INSTALL PAVEMENT MARKERS IN ACCORDANCE WITH SEQ-WAT-1300-1 & 2.
16. 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.
17. 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.
18. THE POLYETHYLENE SERVICE LINE MUST COMPLY WITH AS/NZ4130 SERIES 1 DN20 PN16.
19. TAPPING BANDS MUST BE USED WHEN PROVIDING CONNECTION, UNLESS OTHERWISE APPROVED BY COUNCIL.
20. 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.
21. 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

1. TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
2. 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.
3. 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.
4. ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST.

SOIL

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

CREEK CROSSINGS

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

REHABILITATION

1. PRE-DISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.
2. 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.
3. ALL DISTURBED AREAS ARE TO BE LEFT IN STABLE CONDITION.
4. ALL PLANTING/RE-VEGETATION WILL NEED TO BE MAINTAINED THROUGHOUT THE MAINTENANCE PERIOD.

CONSTRUCTION REQUIREMENTS

1. LIVE WATER CONNECTIONS TO BE CARRIED OUT BY LOGAN WATER AS PER THE LIVE CONNECTION REQUEST UNLESS AGREED OTHERWISE WITH LOGAN WATER.
2. PRIOR TO ANY EXCAVATION, CONTRACTOR IS TO LOCATE ACTUAL POSITIONS OF PUBLIC SERVICE UTILITIES BY POT HOLES.
3. 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.
4. 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

Premise

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

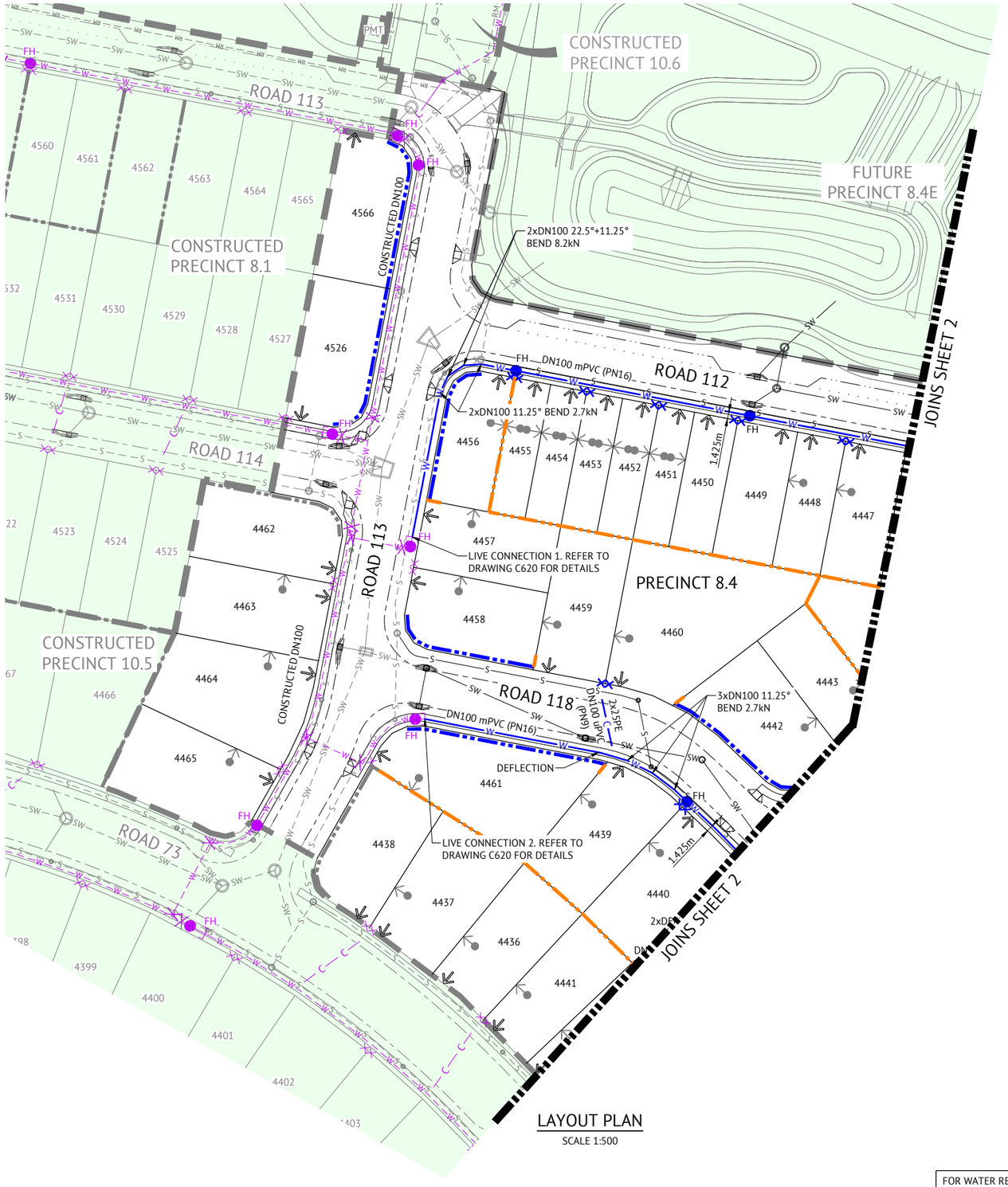
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

SCALE
0 150 300 450m
SCALE 1:7500 (A1)
ORIGINAL SHEET SIZE A1

CLIENT	MIRVAC QLD PTY LTD
PROJECT	EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION	TEVIOT ROAD, GREENBANK
SHEET TITLE	WATER RETICULATION LOCALITY PLAN & NOTES

JOB CODE	
MIR-0804	
SHEET NUMBER	REV
C600	B



LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- POTABLE WATERMAIN
- DN25 PE / DN100 uPVC (PN9): 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
- 3260: LOT NUMBER
- SW: STORMWATER
- RM: SEWER RISING MAIN
- S: GRAVITY SEWER
- ZERO LOT BOUNDARY
- PREFERRED DRIVEWAY LOCATION (BY OTHERS)
- SITE BOUNDARY
- PROPOSED CONCRETE SLEEPER RETAINING WALL / PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED CONCRETE FOOTPATH & KERB RAMP

LEGEND - CONSTRUCTED

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

FOR WATER RETICULATION NOTES, REFER DWG No. C600

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 CONSTRUCTION

DATE	REV	DESCRIPTION		
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

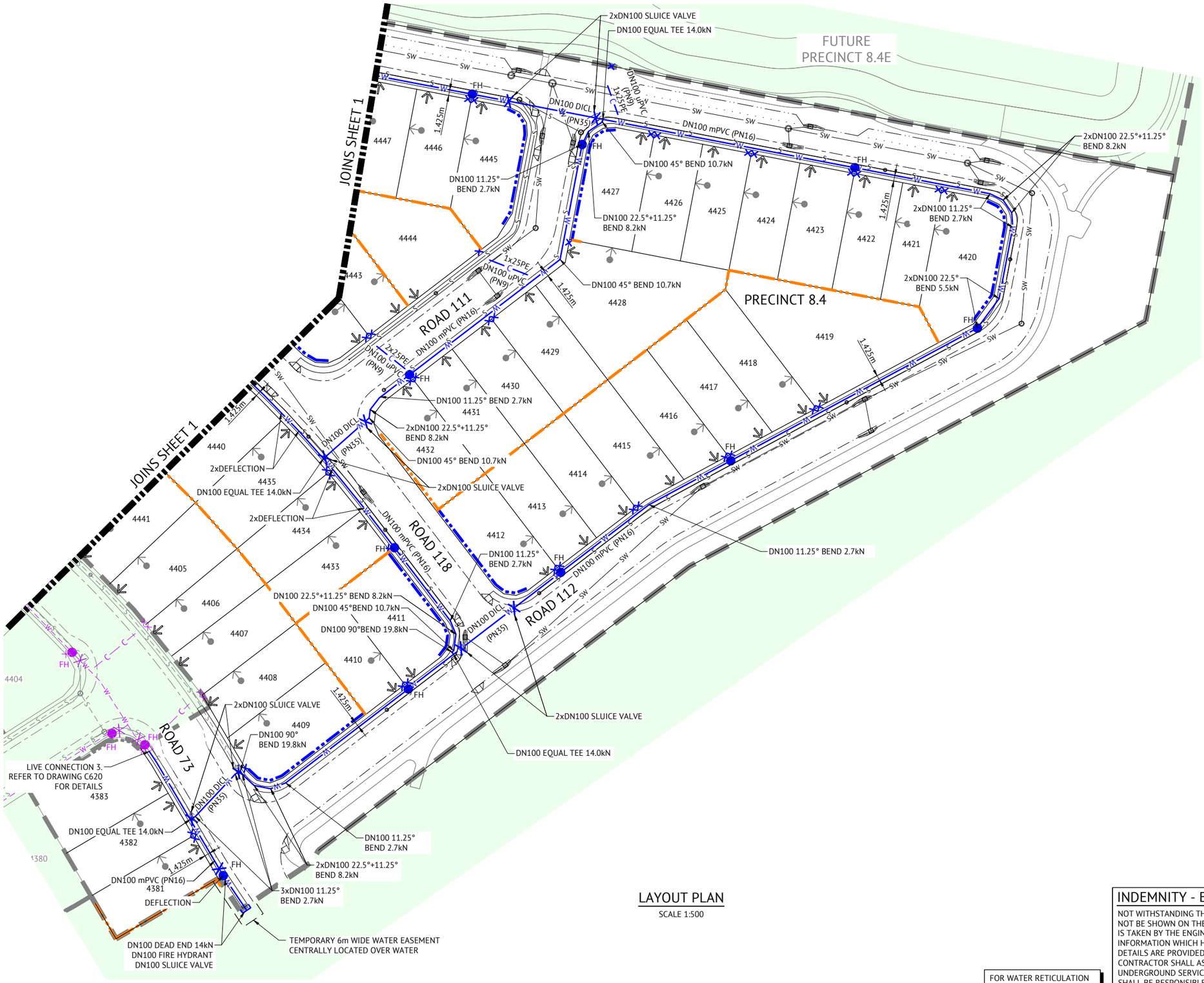
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: WATER RETICULATION LAYOUT PLAN - SHEET 1

JOB CODE: MIR-0804
SHEET NUMBER: C610
REV: B



LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- POTABLE WATERMAIN
- DN25 PE / DN100 uPVC (PN9): 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
- 3260: LOT NUMBER
- STORMWATER
- SEWER RISING MAIN
- GRAVITY SEWER
- ZERO LOT BOUNDARY
- PREFERRED DRIVEWAY LOCATION (BY OTHERS)
- SITE BOUNDARY
- PROPOSED CONCRETE SLEEPER RETAINING WALL / PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED CONCRETE FOOTPATH & KERB RAMP

LEGEND - CONSTRUCTED

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

FOR WATER RETICULATION NOTES, REFER DWG No. C600

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 CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

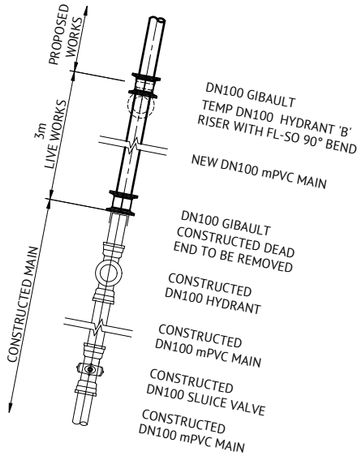
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

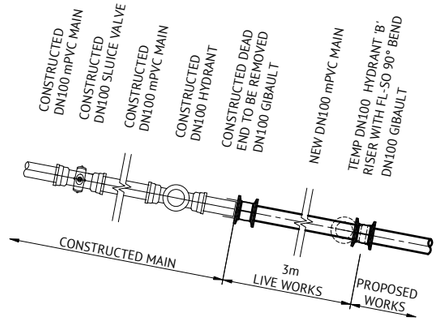
CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: WATER RETICULATION LAYOUT PLAN- SHEET 2

JOB CODE: MIR-0804
SHEET NUMBER: C611
REV: B



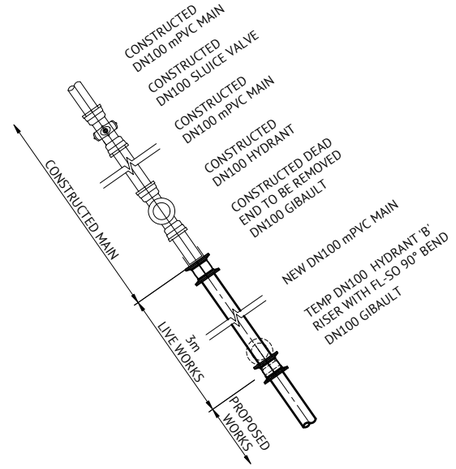
LIVE CONNECTION 1 DETAIL

SCALE 1:25



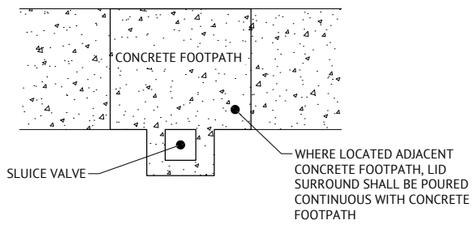
LIVE CONNECTION 2 DETAIL

SCALE 1:25



LIVE CONNECTION 3 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
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

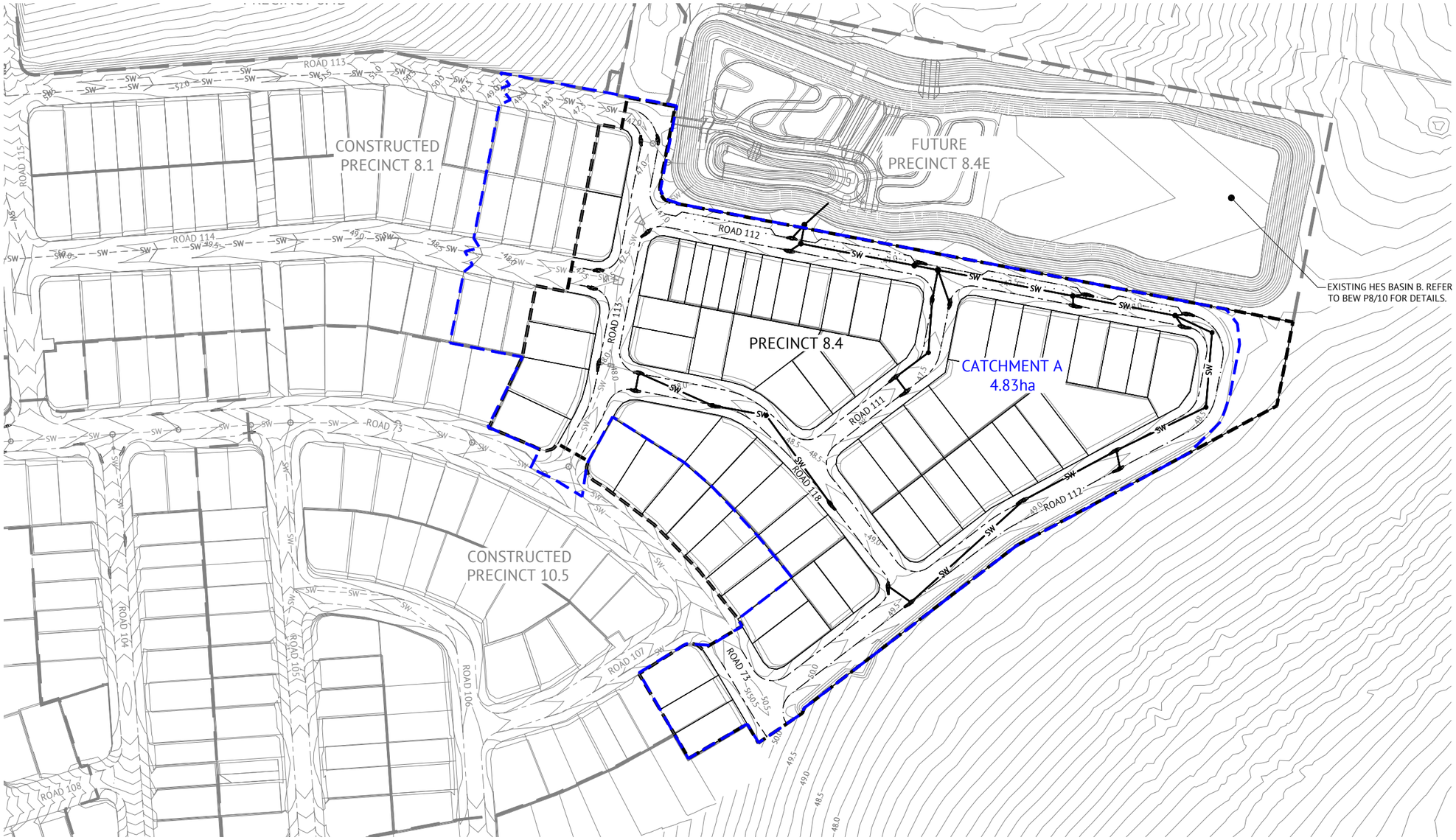
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE WATER LIVE CONNECTION AND TYPICAL DETAILS

JOB CODE MIR-0804
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

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	4.83	2627	0.050	80	6.5	2.05	1.3	1.00	350	1,691	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

NOTE:

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

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	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

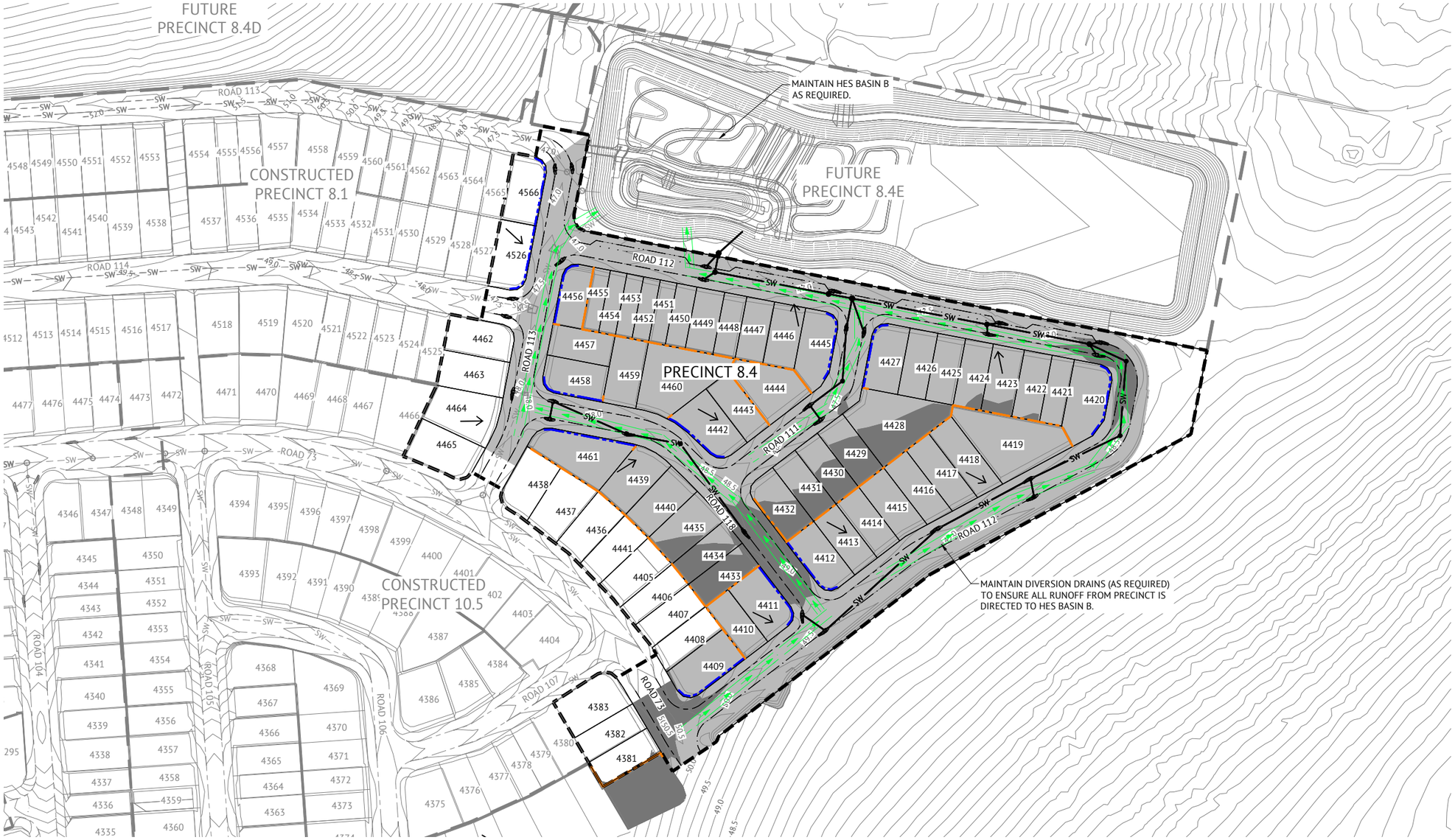
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE OVERALL EROSION & SEDIMENT CONTROL KEY PLAN

JOB CODE MIR-0804
SHEET NUMBER C700
REV B



LEGEND - PROPOSED

- EXTENT OF CUT
- EXTENT OF FILL
- FLOW DIRECTION OR RUNOFF
- CONCRETE SLEEPER RETAINING WALL
- CONCRETE PANEL RETAINING WALL
- SF — SEDIMENT FENCE REFER IECA DRAWING SF-01 & SF-02 FOR DETAILS.
- 12.0 — FINISHED CONTOURS AND LABELS
- SW — STORMWATER
- PRECINCT BOUNDARY
- PRECINCT BOUNDARY (FUTURE/EXISTING)

LEGEND - CONSTRUCTED

- DIVERSION DRAIN
- SW — 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)

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

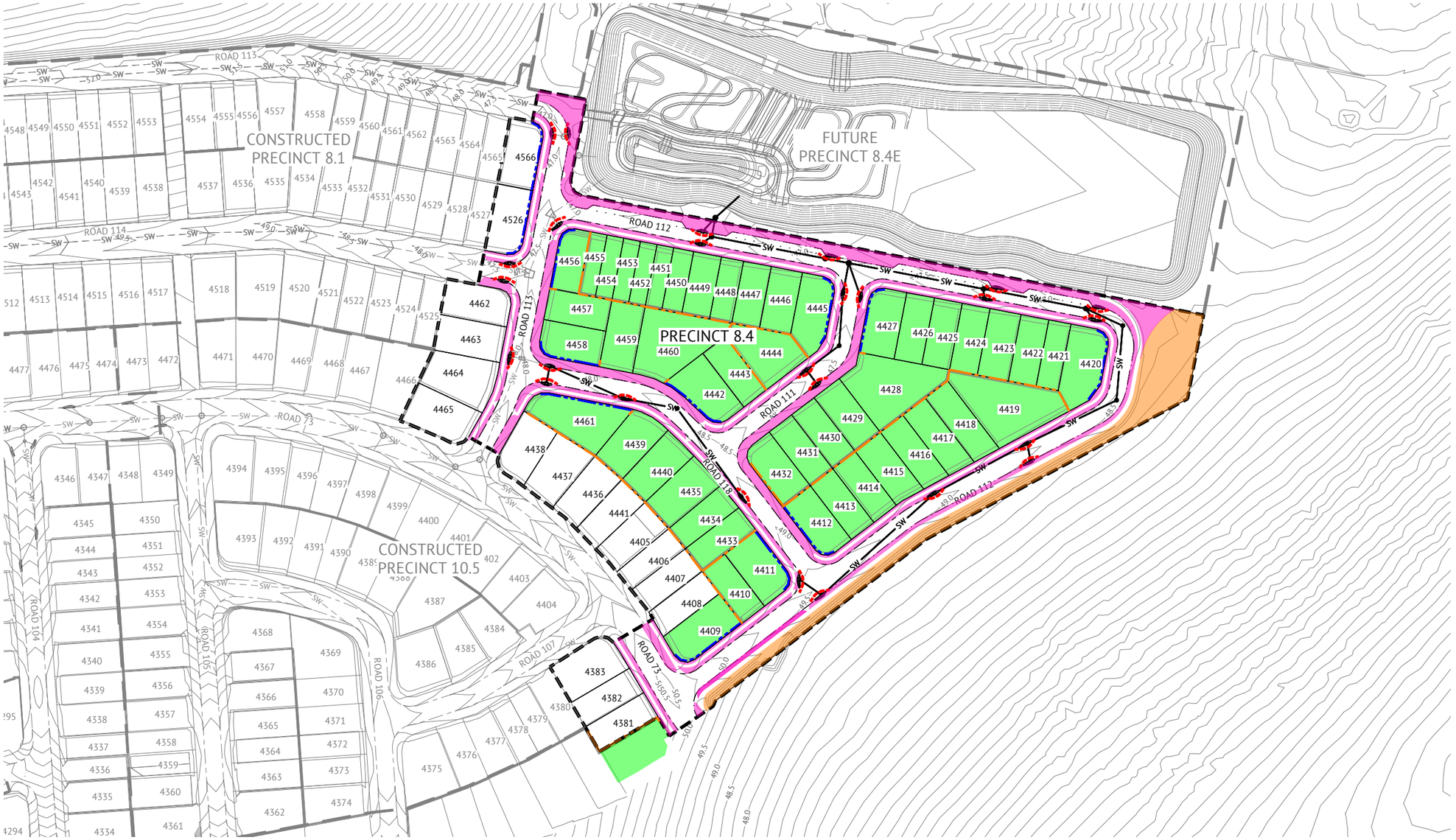
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - BULK EARTHWORKS PHASE

JOB CODE MIR-0804
SHEET NUMBER C701
REV B



LEGEND - PROPOSED

☐	LOT STABALISED 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
🟧	REVEGETATION AREA. REFER LANDSCAPE PLANS FOR DETAILS.
◡	GULLY INLET PROTECTION. REFER DETAIL IECA DRAWING ESC-03 FOR DETAILS.
—12.0—	FINISHED CONTOURS AND LABELS
—SW—	STORMWATER
—·—·—	KERB LINE
— — —	PRECINCT BOUNDARY
— — —	PRECINCT BOUNDARY (FUTURE/EXISTING)

LEGEND - CONSTRUCTED

— —SW— —	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 ERECTED 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

NOTE:

FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

Premise

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

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

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - STABILISATION PHASE

JOB CODE MIR-0804
SHEET NUMBER C702
REV B

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 EROSIVE 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.

4. THE CONTRACTOR SHALL APPOINT AN APPROPRIATELY EXPERIENCED PERSON TO BE MADE RESPONSIBLE FOR IMPLEMENTATION OF THE ESC.
5. 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.

6. 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 OD ANY SEDIMENT OF FILL IN A MANNER THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.

ROLES AND RESPONSIBILITIES

ROLE	RESPONSIBILITY
PROJECT MANAGER	• OVERALL RESPONSIBILITY OF ESC IMPLEMENTATION • NOTIFY THE ENVIRONMENTAL MANAGER IMMEDIATELY OF ANY NON-COMPLIANCE WITH ESCP • ENSURE THE PROMPT IMPLEMENTATION OF MEASURES TO MITIGATE EROSION AND SEDIMENT GENERATION
SITE SUPERVISOR / FOREMEN	• MONITOR DAILY RAINFALL • NOTIFY ENVIRONMENTAL ADVISOR/CONSULTANT WHEN RUNOFF GENERATING RAINFALL OCCURS IN THE PREVIOUS 24 HOURS • MAINTAIN CURRENT RECORDS OF RAINFALL, STORAGE VOLUMES, WATER QUALITY, TREATMENT PRACTICES, DISCHARGE VOLUMES (AS APPROPRIATE) • INSTALLATION AND MAINTENANCE OF ESC
ENVIRONMENTAL MANAGER	• PROVIDE DESIGN INFORMATION AS REQUIRED • CONDUCT IN-SITU MONITORING (AS REQUIRED) • COLLECT AND SUBMIT SAMPLES TO LABORATORY (AS REQUIRED) • COLLATE RESULTS AND PREPARE REPORTS (AS REQUIRED) • CONDUCT SITE INSPECTIONS AN AUDITS (AS REQUIRED) • INSPECT ESC INSTALLATION AND MAINTENANCE • INSPECT OFFSITE IMPACTS AND MANAGEMENT • PROVIDE ADVICE REGARDING ESC SITE IMPROVEMENT (AS REQUIRED)
ALL PERSONNEL	• 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

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 FORM THE SITE, INCLUDING DEPOSITION BY VEHICULAR MOVEMENTS.

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)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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

DESIGNED MARK DAVIS
CHECKED ANDREW LANGDON
PROJECT MANAGER NICK SOMERVILLE
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

JOB CODE MIR-0804
SHEET NUMBER C710
REV B

LAYOUT PLAN
SCALE 1:500

N

LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

SIGNS

D4-5 1800mm x 450mm

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE TEMPORARY WORKS - ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1

JOB CODE MIR-0804
SHEET NUMBER C900
REV B

LAYOUT PLAN
SCALE 1:500

LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

SIGNS

D4-5 1800mm x 450mm

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/05/2025	B	ISSUED FOR CONSTRUCTION	KK	PB
01/11/2024	A	ISSUE FOR APPROVAL	KK	PB

REVISIONS

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 RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 8.4 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE TEMPORARY WORKS - ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2

JOB CODE MIR-0804
SHEET NUMBER C901
REV B