EVERLEIGH PRECINCT 9.5
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 LAYOUT PLAN - SHEET 1
C221	EARTHWORKS SUBGRADE ROCK PREPARATION LAYOUT PLAN - SHEET 2
C300	ROADWORKS NOTES AND DETAILS
C310	TUSCAN CIRCUIT LONG & CROSS SECTIONS - SHEET 1
C311	TUSCAN CIRCUIT LONG & CROSS SECTIONS - SHEET 2
C312	TUSCAN CIRCUIT LONG & CROSS SECTIONS - SHEET 3
C313	COPPER CRESCENT LONG & CROSS SECTIONS - SHEET 1
C314	COPPER CRESCENT LONG & CROSS SECTIONS - SHEET 2
C315	MARIGOLD ROAD LONG & CROSS SECTIONS - SHEET 1
C316	MARIGOLD ROAD LONG & CROSS SECTIONS - SHEET 2
C320	INTERSECTION DETAILS LAYOUT
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
C420	STORMWATER DRAINAGE NOTES AND DETAILS
C430	STORMWATER DRAINAGE STRUCTURE DETAILS
C440	STORMWATER CALCULATIONS 39% AEP STORM
C441	STORMWATER CALCULATIONS 1% AEP STORM
C500	SEWERAGE LOCALITY PLAN & NOTES
C510	SEWERAGE LAYOUT PLAN - SHEET 1
C511	SEWERAGE LAYOUT PLAN - SHEET 2
C520	SEWERAGE LONG SECTIONS - SHEET 1
C521	SEWERAGE LONG SECTIONS - SHEET 2
C522	SEWERAGE 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 DETAILS
C700	OVERALL EROSION & SEDIMENT CONTROL KEY PLAN
C701	EROSION AND SEDIMENT CONTROL - EARTHWORK PHASE
C702	EROSION AND SEDIMENT CONTROL - STABILISATION PHASE
C710	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
C900	TEMPORARY WORKS - ROADWORKS AND DRAINAGE - SHEET 1
C901	TEMPORARY WORKS - ROADWORKS AND DRAINAGE - 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 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

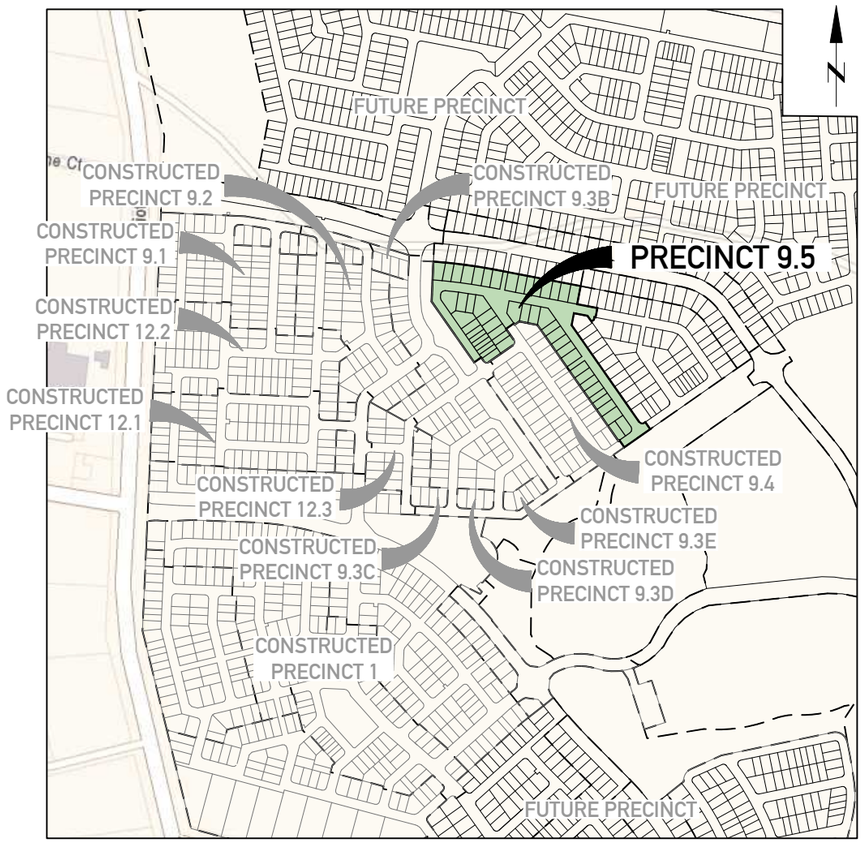
1. NO LOCATING/ POTHOLING OF EXISTING SERVICES HAS BEEN CARRIED OUT. THE CONTRACTOR IS TO DETERMINE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES WHICH AFFECT THE WORKS AND REPORT ANY POTENTIAL CLASHES TO THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.
2. THE CONTRACTOR IS RESPONSIBLE 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

DATE	REV	DESCRIPTION		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE COVER SHEET

JOB CODE MIR-0905
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

35,187m²

REAL PROPERTY DESCRIPTION

LOT 2 on SP297192

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SURVEY SETOUT PLAN

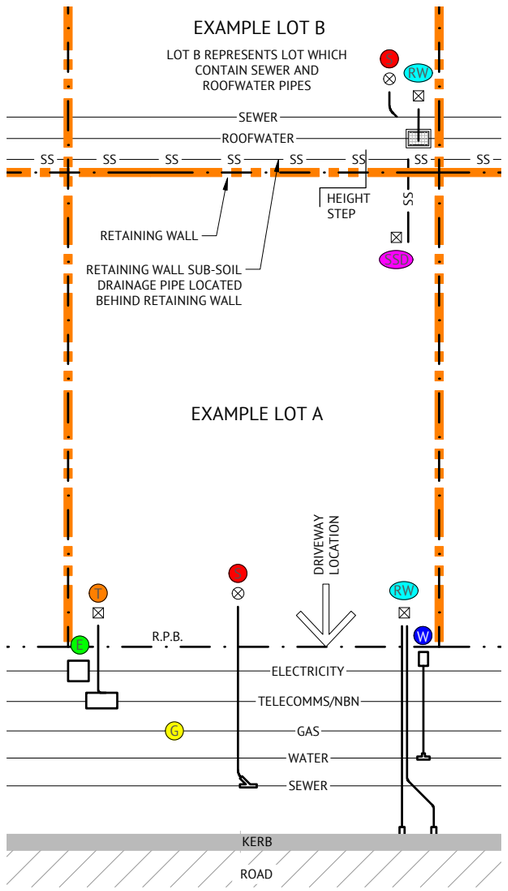
JOB CODE MIR-0905
SHEET NUMBER C002
REV B

LEGEND - PROPOSED

SW	STORMWATER
S	GRAVITY SEWER
W	WATER

LEGEND - CONSTRUCTED

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



TYPICAL PROPERTY SERVICES CONNECTIONS DETAIL

NTS

LEGEND - PROPERTY SERVICE CONNECTIONS

W **WATER** - POLY SERVICE FROM WATER MAIN, METER BOX & COVER INSTALLED. BUILDER TO MAKE APPLICATION TO LOGAN CITY COUNCIL FOR METER ASSEMBLY SUPPLY AND INSTALLATION. WHERE WATER METER IS LOCATED BEHIND RETAINING WALL, 25mm POLYPIPE WILL BE SUPPLIED UNDER WALL INTO LOT AND WILL BE MARKED WITH 900X50X25 HW STAKE LABELLED "WATER".

S **SEWER** - CAPPED Ø100 PVC PIPE (BURIED MAX 1.5m). MARKED WITH 40Ø ORANGE PVC CONDUIT SECURELY TAPED TO H.W. STAKE AT SURFACE (BURIED TO CAPPED PIPE). CONDUIT LABELLED "SEWER."

RW **ROOFWATER** - CONNECTION LOCATION CAN BE EITHER FRONT OF LOT VIA KERB ADAPTOR OUTLET TO ROAD, OR REAR OF LOT INTO ROOFWATER DRAINAGE PIPE VIA PIT. CAPPED PVC Ø100 PIPES (BURIED MAX 1.5m) MARKED WITH 900x50x25 HW STAKE LABELLED "ROOFWATER."

SSD **RETAINING WALL SUB-SOIL DRAINAGE** - OUTLET POINT TO LOT FOR RETAINING WALL SUB-SOIL DRAINAGE TO BE CONNECTED TO YARD DRAINAGE BY BUILDER. Ø100 NON-SLOTTED AGG PIPE CAPPED AND TERMINATED 200m ABOVE SURFACE. PVC DUCT TAPED TO 900x50x25 HW STAKE LABELLED "RETAINING WALL SUBSOIL OUTLET".

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

E **ELECTRICITY** - ELECTRICITY PILLAR EXISTS IN ROAD VERGE. BUILDER TO MAKE APPLICATION WITH ENERGY PROVIDER FOR SERVICE INSTALLATION TO LOT. WHERE ELECTRICITY PILLAR IS LOCATED BEHIND RETAINING WALL, CONDUIT WILL BE SUPPLIED UNDER WALL INTO LOT AND WILL BE MARKED WITH 900x50x25 HW STAKE LABELLED "ELECTRICITY".

G **GAS** - GAS MAIN EXISTS IN ROAD VERGE. BUILDER/HOME OWNER TO MAKE APPLICATION TO GAS PROVIDER FOR SERVICE INSTALLATION TO LOT.

RETAINING WALL

⊗ ⊠ SERVICE TERMINATION POINT MARKER. 900x50x25 HW STAKE, OR 40Ø ORANGE PVC CONDUIT STAKE

11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB
DATE	REV	DESCRIPTION	REC	APP

FOR CONSTRUCTION

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: LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: OVERALL SERVICES LAYOUT

JOB CODE: MIR-0905
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
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SAFETY IN DESIGN

JOB CODE MIR-0905
SHEET NUMBER C004
REV B

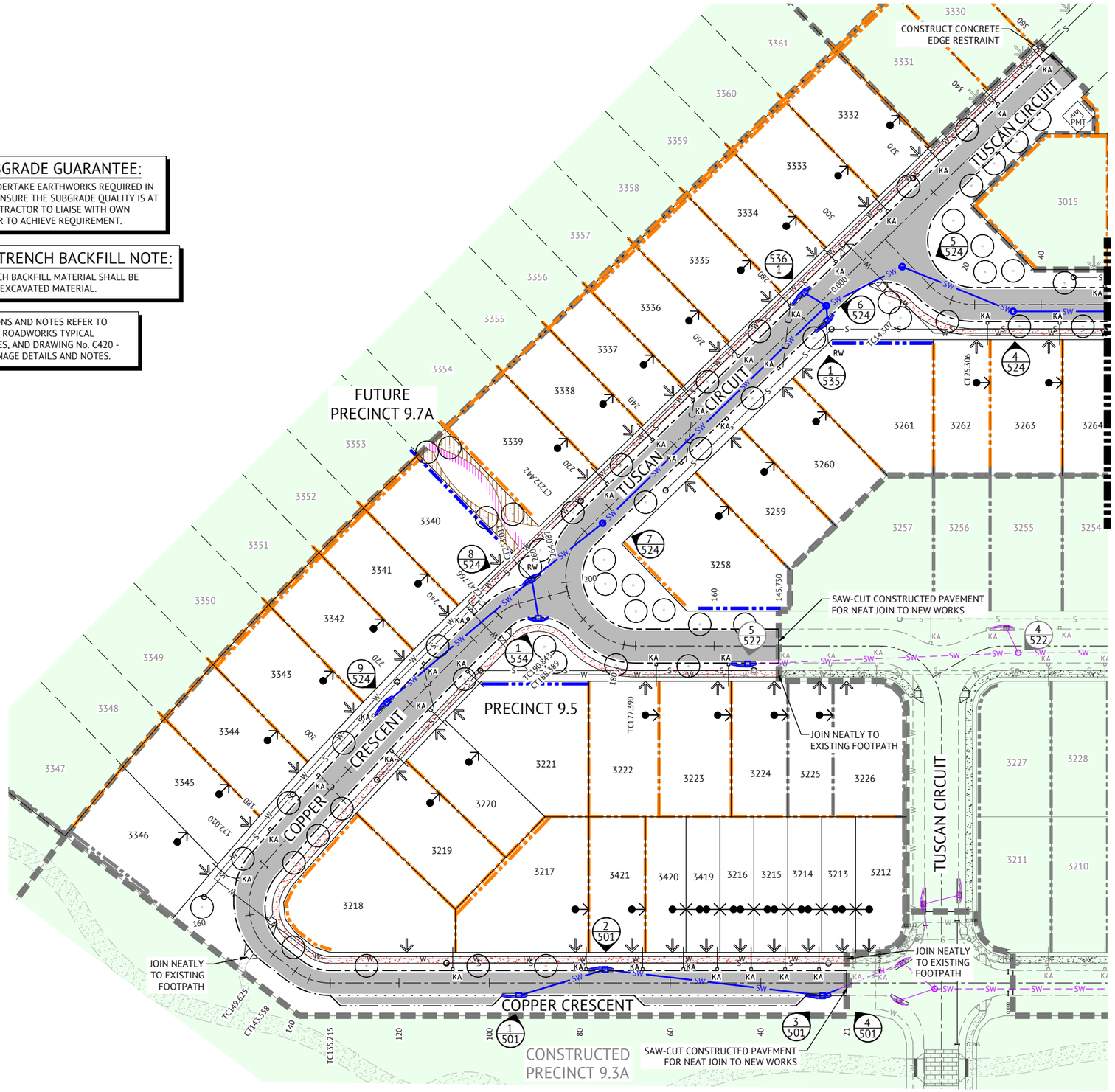
PAVEMENT SUBGRADE GUARANTEE:

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.



LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- PAVEMENT
- PROPOSED IPWEA TYPE 'M3' KERB & CHANNEL. REFER IPWEA STD DWG RS-080.
- PROPOSED IPWEA TYPE 'B1' 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 CIVIL 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
- 1/523 — 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
- ZERO LOT BOUNDARY
- PROPOSED DRIVEWAY LOCATION
- S — PROPOSED SEWER
- W — PROPOSED WATER
- C — C — C — C — PROPOSED WATER CONDUIT
- PROPOSED LANDSCAPING WITHIN VERGE. CONCRETE EDGE RESTRAINT BY LANDSCAPING CONTRACTOR. CIVIL CONTRACTOR TO COORDINATE WITH LANDSCAPING CONTRACTOR TO CARRY OUT THEIR WORKS. REFER TO LANDSCAPE DRAWINGS FOR FURTHER DETAIL.
- TREES
- PMT — PMT EXCLUSION ZONE

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.
- SW — STORMWATER
- S — SEWER
- W — WATER
- E — ELECTRICAL
- T — TELSTRA
- G — GAS
- RETAINING WALL
- 13/501 — STORMWATER STRUCTURE No.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

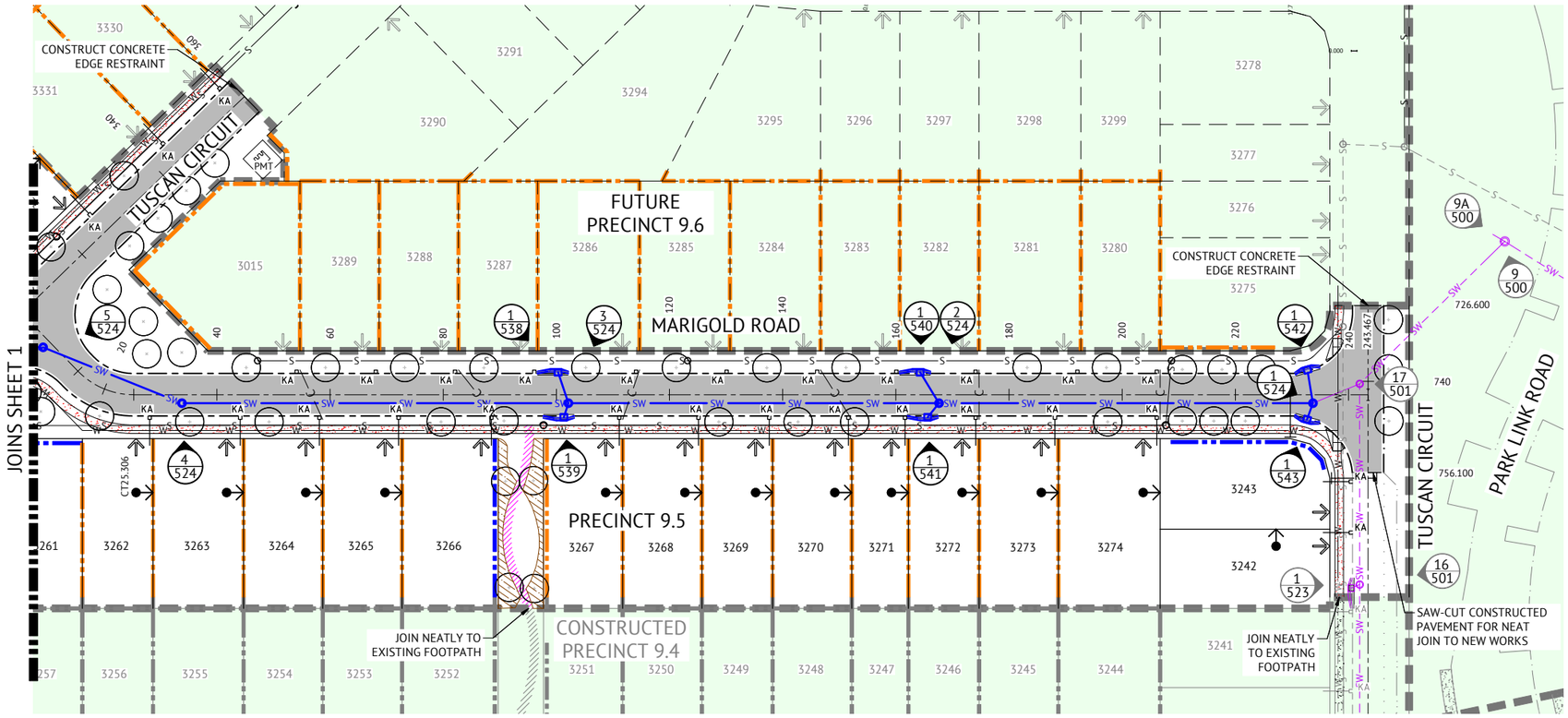
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C100
REV B



LAYOUT PLAN

SCALE 1:500

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.

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.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

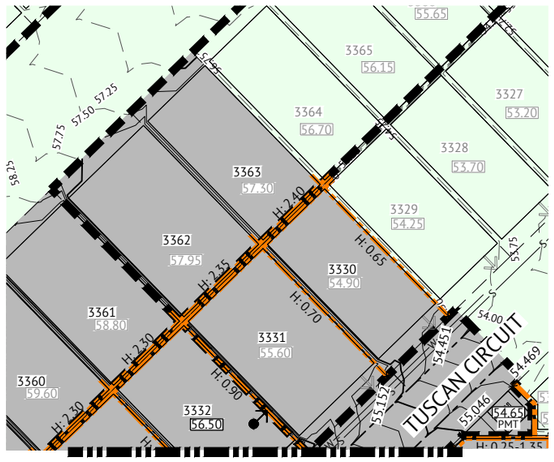
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED: KLYNT KIWANG
CHECKED: ANDREW LANGDON
PROJECT MANAGER: LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: ROADWORKS AND DRAINAGE LAYOUT PLAN - SHEET 2

JOB CODE: MIR-0905
SHEET NUMBER: C101
REV: B



LAYOUT PLAN
SCALE 1:500

LEGEND - PROPOSED

- 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 ON TOP OF RETAINING WALL BY LANDSCAPER
- 58.25 — FOOTPATH SPOT LEVEL
- ZERO LOT LINE
- DRIVEWAY LOCATION
- PMT — PAD MOUNTED TRANSFORMER
- STAGE BOUNDARY

LEGEND - EXISTING

- EXISTING RETAINING WALL
- 12.0 — EXISTING CONTOURS (0.50m)
- SW — EXISTING STORMWATER
- S — EXISTING SEWER
- W — EXISTING WATER
- VEGETATION CLEARING EXTENT

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
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

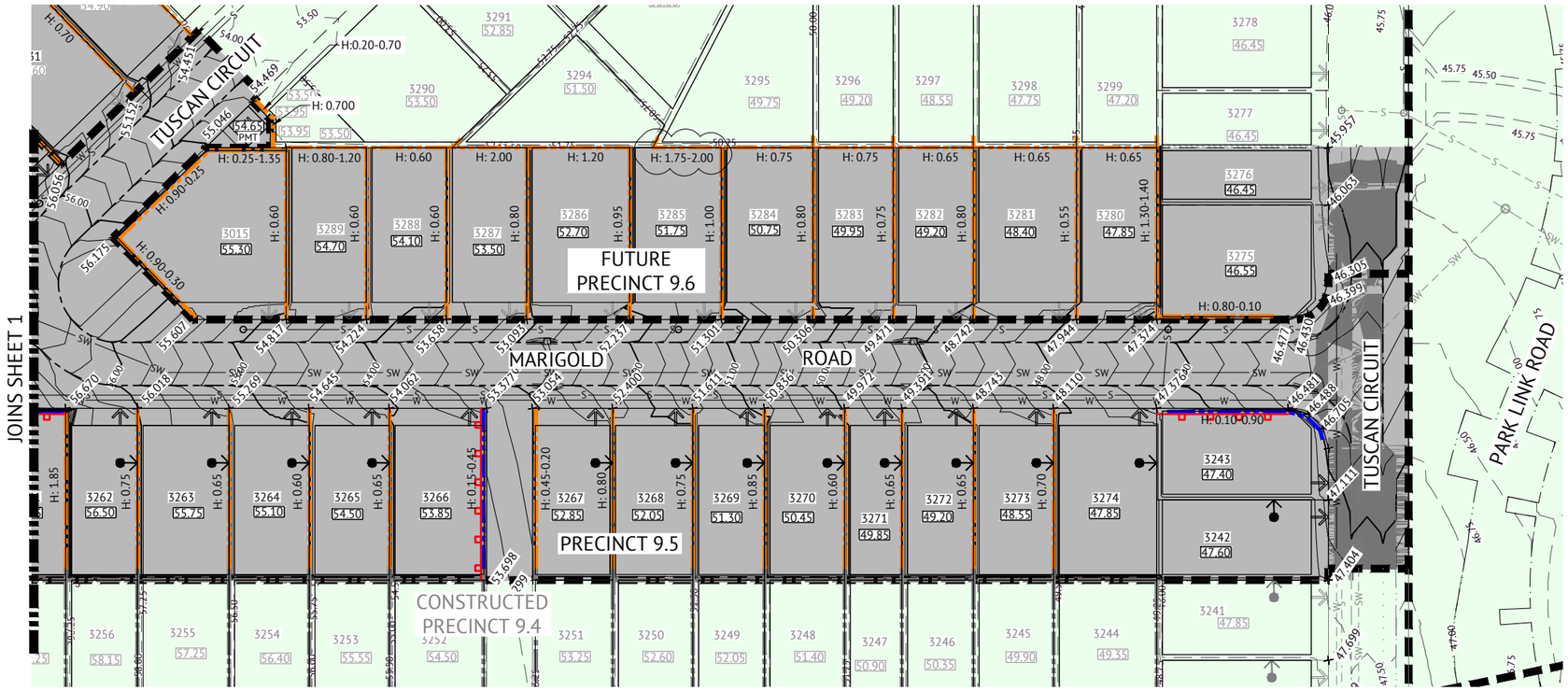
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C200
REV B



LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- 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 ON TOP OF RETAINING WALL BY LANDSCAPER
- 58.25 — FOOTPATH SPOT LEVEL
- ZERO LOT LINE
- DRIVEWAY LOCATION
- PMT — PAD MOUNTED TRANSFORMER
- STAGE BOUNDARY

LEGEND - EXISTING

- EXISTING RETAINING WALL
- 12.0 — EXISTING CONTOURS (0.50m)
- SW — EXISTING STORMWATER
- S — EXISTING SEWER
- W — EXISTING WATER
- VEGETATION CLEARING EXTENT

- FOR TYPICAL SECTIONS AND NOTES REFER TO EARTHWORKS NOTES AND DETAILS
- REFER TO DRAWING No. C200 FOR LEGEND.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	RETAINING WALL HEIGHT UPDATED	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 2

JOB CODE MIR-0905
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. DISPERSIVE SOIL TREATMENT MEASURES IN THE FOLLOWING AREAS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE REQUIREMENTS OF THE EVERLEIGH DISPERSIVE SOIL MANAGEMENT:
   - WITHIN SERVICE TRENCHES
   - SURFACE AREAS SURROUNDING STORMWATER HEADWALLS
   - TURF/LANDSCAPED AREAS SUBJECT TO WATER FLOW
   - TURF/LANDSCAPED AREAS SUBJECT TO WATER PONDING
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.
3. CONTRACTOR MUST CONSTRUCT AND ESTABLISH THE EROSION AND SEDIMENT CONTROL DEVICES, CONSTRUCTION WATER HOLDING DAM AND HES BASIN PRIOR TO COMMENCING EARTHWORKS OPERATION.
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
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

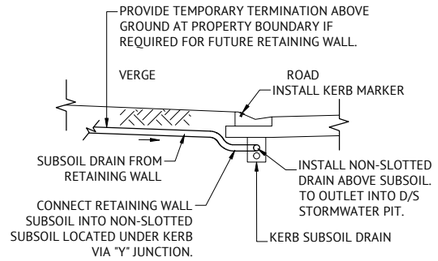
REVISIONS

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 LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS NOTES AND DETAILS - SHEET 1

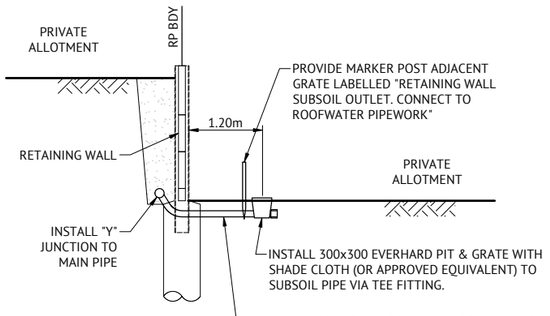
JOB CODE MIR-0905
SHEET NUMBER C210
REV B



SHALL BE INSTALLED FOR ALL RETAINING WALLS LOCATED ON INTERALLOTMENT BOUNDARIES.

TYPICAL RETAINING WALL SUBSOIL OUTLET TO ROAD

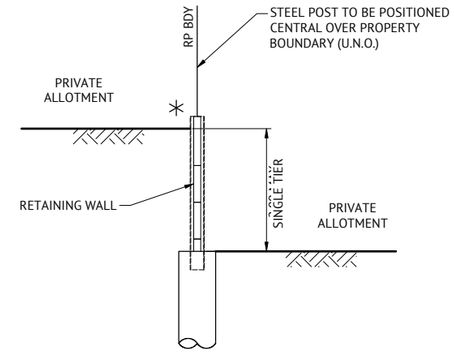
N.T.S.



SHALL BE INSTALLED IN REAR CORNER OF ALL ALLOTMENTS LOCATED BELOW A RETAINING WALL.

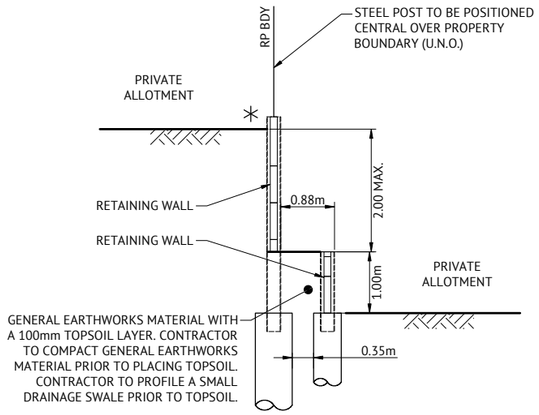
TYPICAL RETAINING WALL SUBSOIL OUTLET TO ALLOTMENTS

N.T.S.

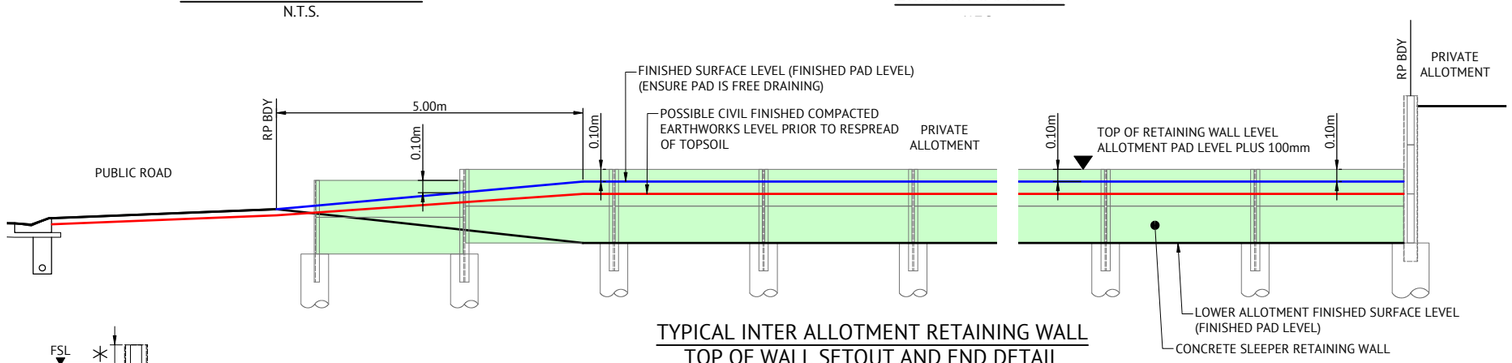


TYPICAL RETAINING WALL DETAIL INTER ALLOTMENT 0.4m-2m MAX HIGH

N.T.S.

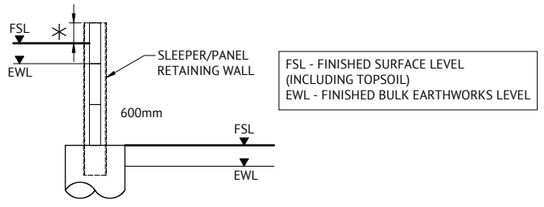


TYPICAL RETAINING WALL DETAIL INTER ALLOTMENT 2m-3m MAX HIGH



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

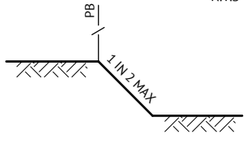
N.T.S



FSL - FINISHED SURFACE LEVEL (INCLUDING TOPSOIL)
EWL - FINISHED BULK EARTHWORKS LEVEL

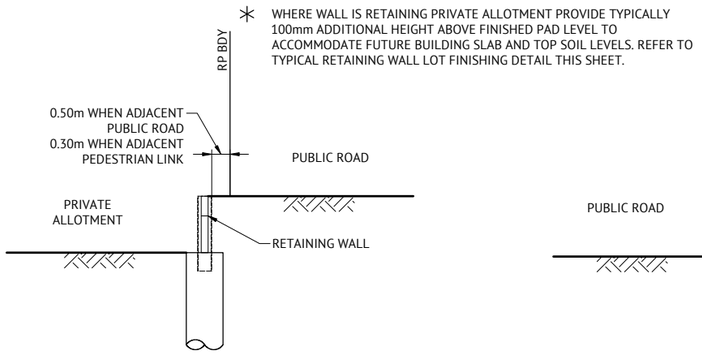
TYPICAL RETAINING WALL TOP AND BOTTOM FINISHING LEVEL DETAIL

N.T.S.



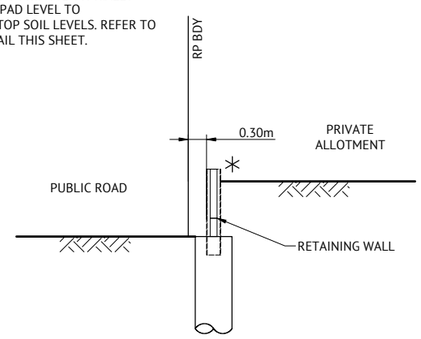
TYPICAL SECTION FOR BATTERS BETWEEN LOTS

SCALE 1:20



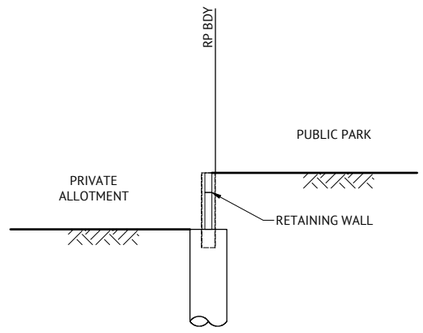
TYPICAL RETAINING WALL DETAIL ROAD ADJACENT TO LOT WHERE ROAD LEVEL IS HIGHER

N.T.S.



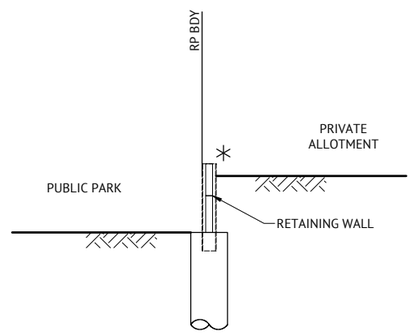
TYPICAL RETAINING WALL DETAIL ROAD ADJACENT TO LOT WHERE LOT LEVEL IS HIGHER

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.

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

SAFETY FENCES

ALL CONSTRUCTED RETAINING WALLS =/> 1.0m HEIGHT SHALL BE PROVIDED WITH PEDESTRIAN EXCLUSION FENCING INSTALLED ALONG THE TOP OF THE RETAINING WALL. SAFETY FENCING SHALL BE ORANGE BUNTING SECURELY FIXED TO STAR PICKETS.

RETAINING WALL DRAINAGE BACKFILL

RETAINING WALL DRAINAGE BACKFILL SHALL BE CAPPED AND THOROUGHLY COMPACTED ALONG THE FULL LENGTH OF WALL IN ACCORDANCE WITH THE STRUCTURAL ENGINEERING DESIGN DETAILS.

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		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

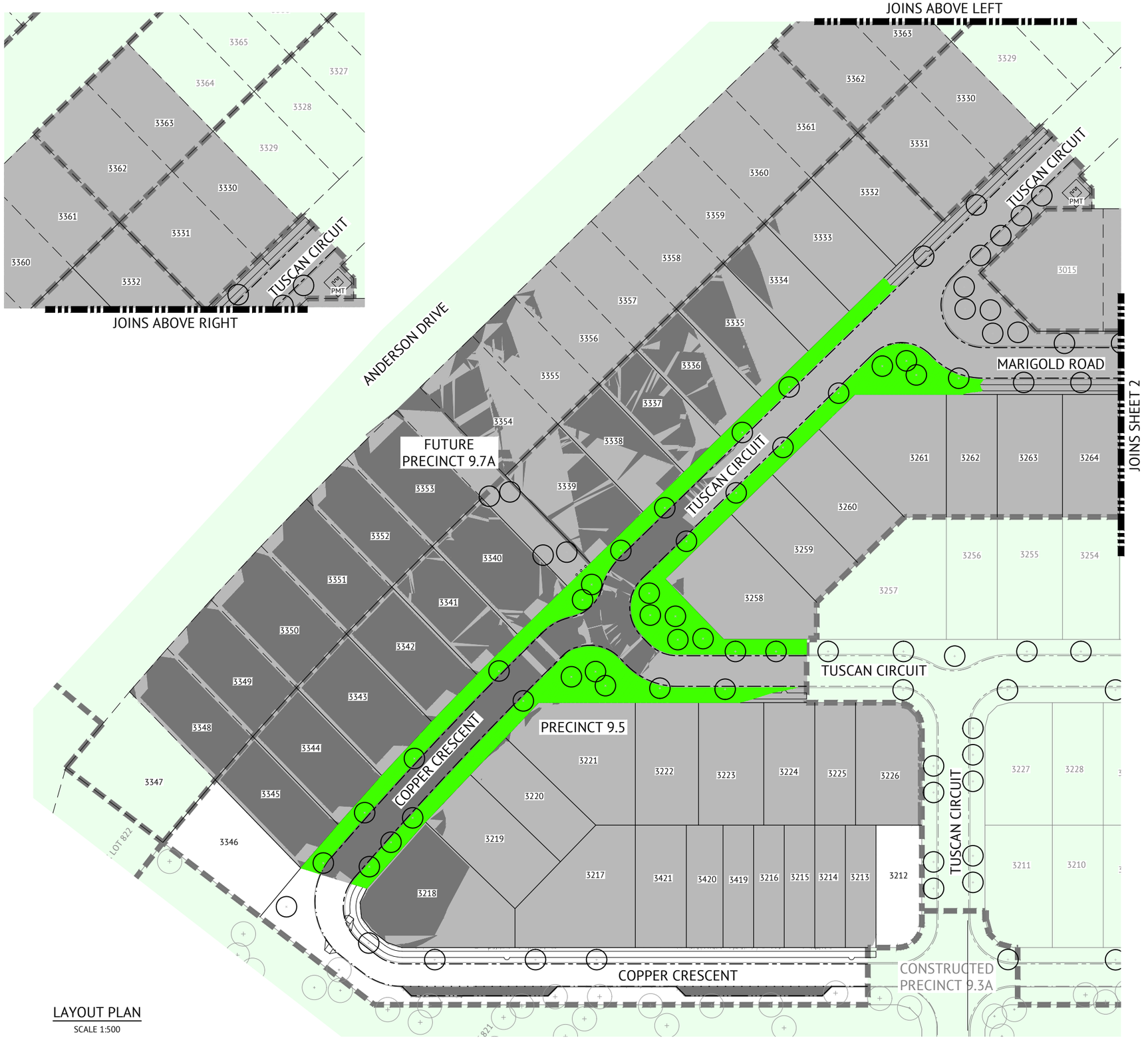
REVISIONS

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 LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE NTS
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS NOTES AND DETAILS - SHEET 2

JOB CODE MIR-0905
SHEET NUMBER C211
REV B



LAYOUT PLAN

SCALE 1:500

LEGEND

- 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
11/11/2022	A	ISSUED FOR CONSTRUCTION	LI	PB

REVISIONS

Premise

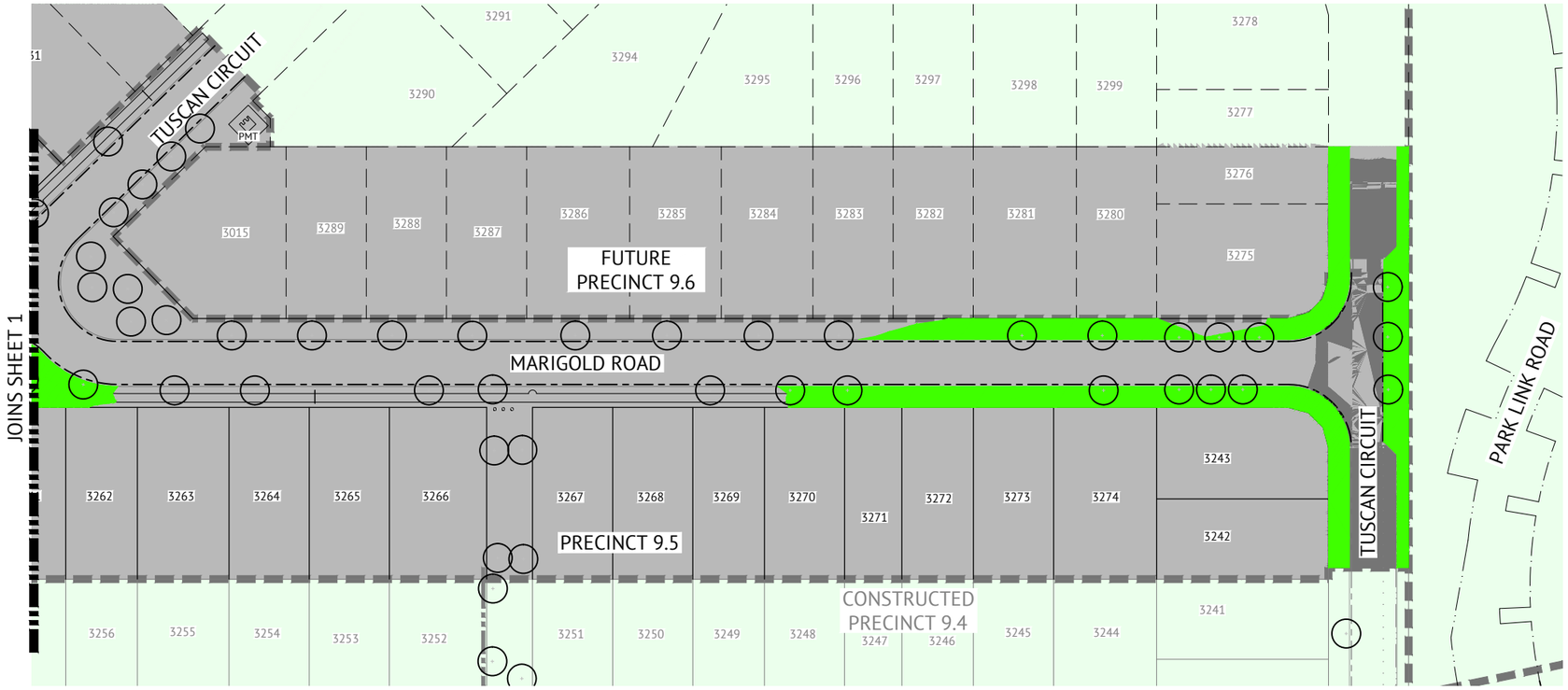
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED: KLYNT KIWANG
CHECKED: ANDREW LANGDON
PROJECT MANAGER: LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EARTHWORKS SUBGRADE ROCK PREPARATION LAYOUT PLAN - SHEET 1

JOB CODE: MIR-0905
SHEET NUMBER: C220
REV: A



LAYOUT PLAN
SCALE 1:500

LEGEND

- 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
11/11/2022	A	ISSUED FOR CONSTRUCTION	LI	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: LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EARTHWORKS SUBGRADE ROCK PREPARATION LAYOUT PLAN - SHEET 2

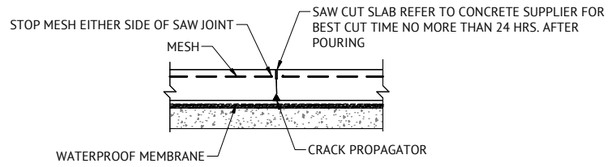
JOB CODE: MIR-0905
SHEET NUMBER: C221
REV: A

NOTES

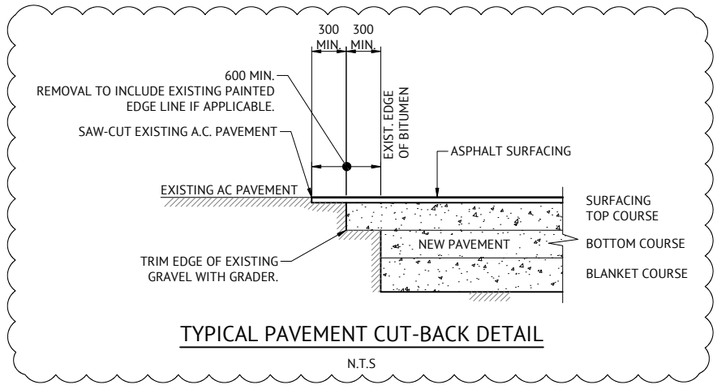
1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH LOGAN CITY COUNCIL STANDARD DRAWINGS AND METHODS (U.N.O.).
2. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED 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.

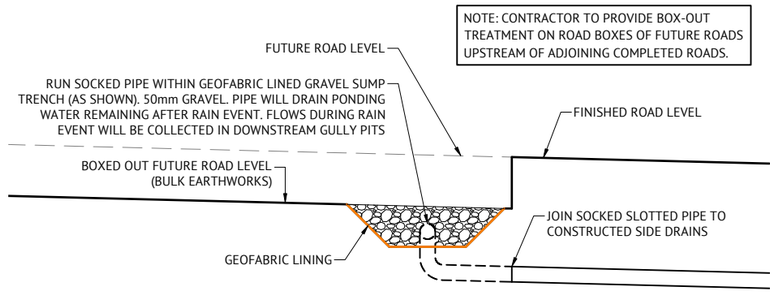


SAWCUT JOINT (S.J.)



TYPICAL PAVEMENT CUT-BACK DETAIL

N.T.S



TYPICAL FUTURE ROADS BOX-OUT TREATMENT

TYPICAL FUTURE ROADS BOX-OUT TREATMENT

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	CUT-BACK DETAIL UPDATED	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

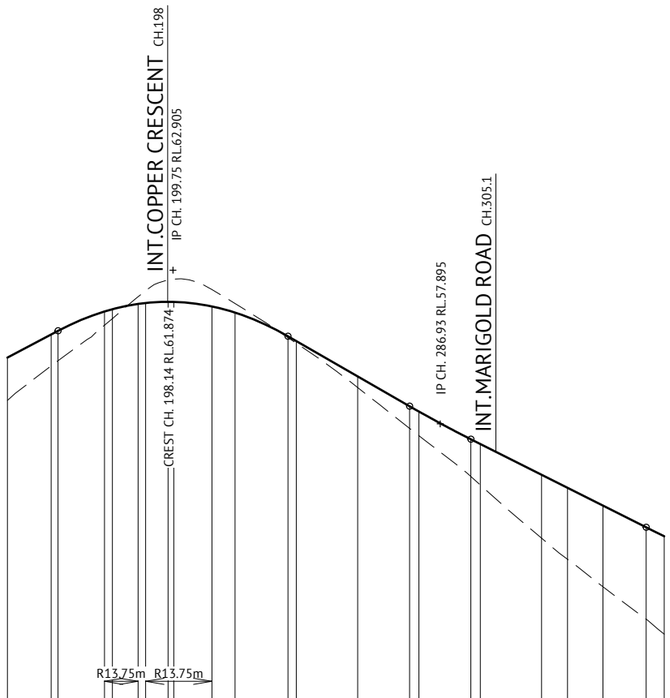
SCALE 0 0.4 0.8 1.2m
SCALE 1:20 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE ROADWORKS NOTES AND DETAILS

JOB CODE MIR-0905
SHEET NUMBER C300
REV B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	TUSCAN CIRCUIT
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.



Horiz Curve Data

R13.75m R13.75m

Vertical Geometry Grade (%) 5.27% -5.75% -5.02%
Vertical Grade Length (m) 96.62m 87.18m 87.18m

Vertical Curve Length (m) L 75 L 20 L 40
Vertical Curve Radius (m) R 680.62 R 2757.05 R 3795.14

DATUM R.L.45.0

CHAINAGE	145.73	160.00	162.25	177.39	180.00	188.39	190.84	198.14	200.00	212.44	220.00	237.25	240.00	260.00	276.93	280.00	296.93	300.00	320.00	328.46	340.00	354.11	360.00
NATURAL SURFACE	58.658	59.789	59.955	61.109	61.326	62.041	62.234	62.584	62.615	62.273	61.818	60.707	60.522	59.079	57.747	57.506	56.178	55.902	54.166	53.478	52.583	51.526	51.037
DESIGN SURFACE	60.057	60.809	60.928	61.558	61.632	61.804	61.835	61.874	61.871	61.723	61.523	60.750	60.592	59.442	58.469	58.295	57.392	57.238	56.234	55.809	55.230	54.521	54.230
RHS LIP LEVEL	59.970	60.722	60.841	61.471	61.545	61.717	61.748	61.787	61.784	61.636	61.436	60.663	60.505	59.355	58.382	58.208	57.305	✳	55.722	55.143	54.434	54.145	
LHS LIP LEVEL	59.970	60.722	60.841	61.471	61.545	61.717	✳				61.436	60.663	60.505	59.355	58.382	58.208	57.305	57.151	56.147	55.722	55.143	54.434	54.143
CUT (-)/FILL DEPTH	1.399	1.021	0.973	0.448	0.306	-0.237	-0.399	-0.710	-0.744	-0.550	-0.296	0.043	0.070	0.363	0.722	0.789	1.214	1.336	2.068	2.331	2.646	2.995	3.193

LONGITUDINAL SECTION (NORTH)
SCALE 1:1000(H) 1:100(V)

Horiz Curve Data

Vertical Geometry Grade (%) 2.09%
Vertical Grade Length (m) 107.25m

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

DATUM R.L.38.0

CHAINAGE	726.60	740.00	756.10
NATURAL SURFACE	44.276	44.595	44.948
DESIGN SURFACE	46.112	46.392	46.729
RHS LIP LEVEL	46.050	✳	
LHS LIP LEVEL	46.054	46.335	46.672
CUT (-)/FILL DEPTH	1.836	1.798	1.781

LONGITUDINAL SECTION (PARK)
SCALE 1:1000(H) 1:100(V)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

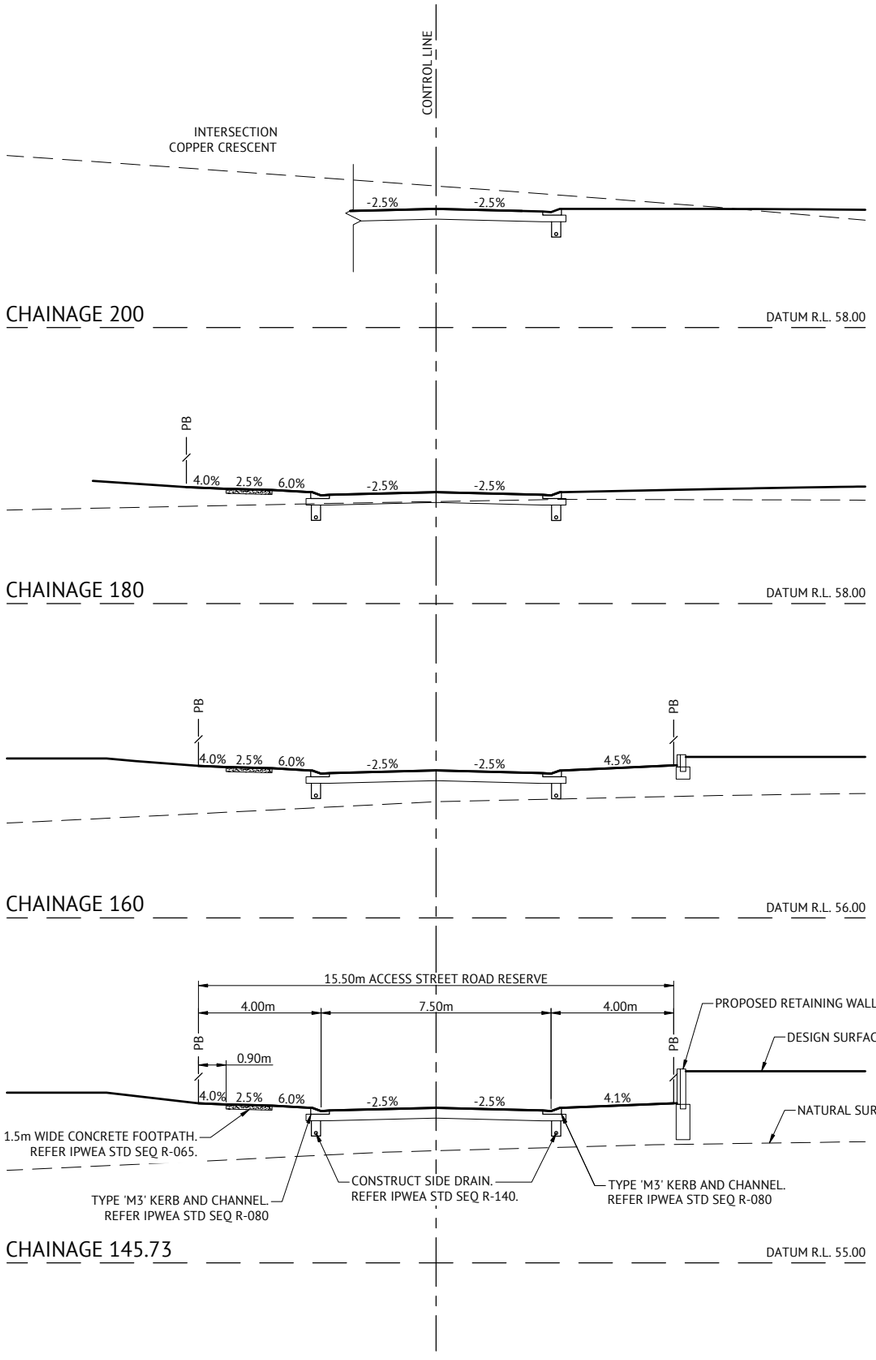
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

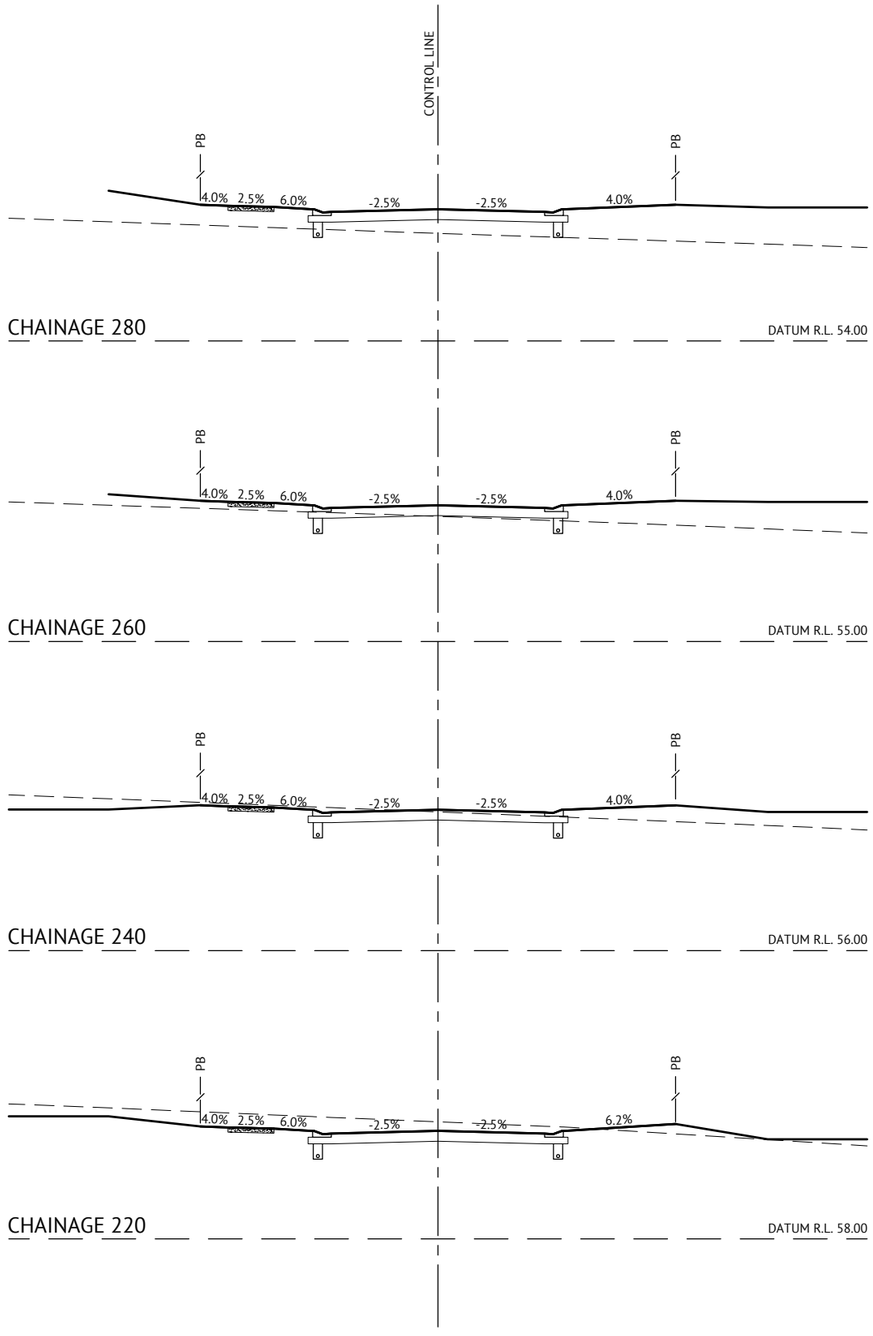
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE TUSCAN CIRCUIT LONG & CROSS SECTIONS - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C310
REV B





CROSS SECTIONS (NORTH)

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

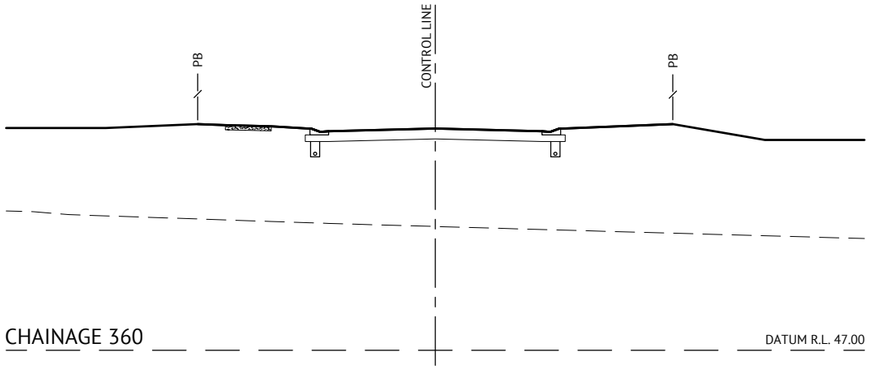
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

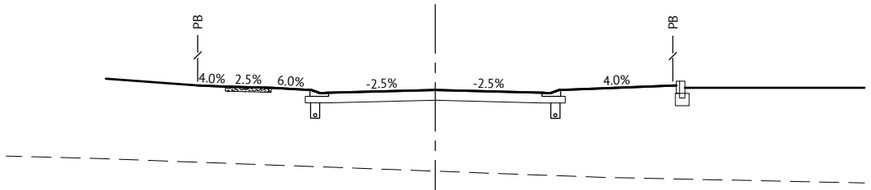
SCALE
HORIZONTAL 1:1000 (A1)
0 20 40 60m
VERTICAL 1:100 (A1)
0 2 4 6m
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE TUSCAN CIRCUIT LONG & CROSS SECTIONS - SHEET 2

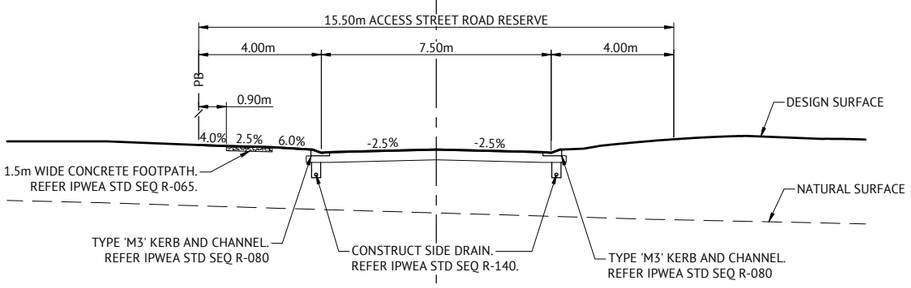
JOB CODE MIR-0905
SHEET NUMBER C311
REV B



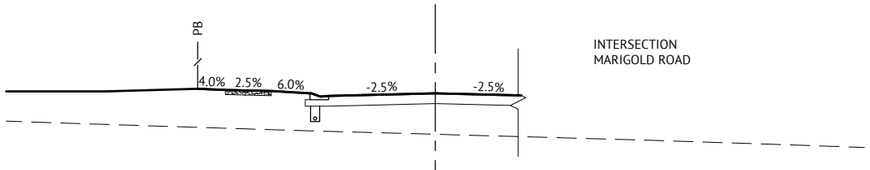
CHAINAGE 360 — DATUM R.L. 47.00



CHAINAGE 340 — DATUM R.L. 49.00

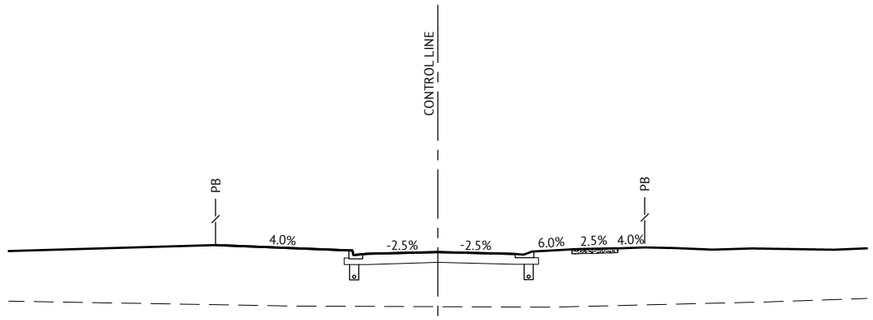


CHAINAGE 320 — DATUM R.L. 50.00

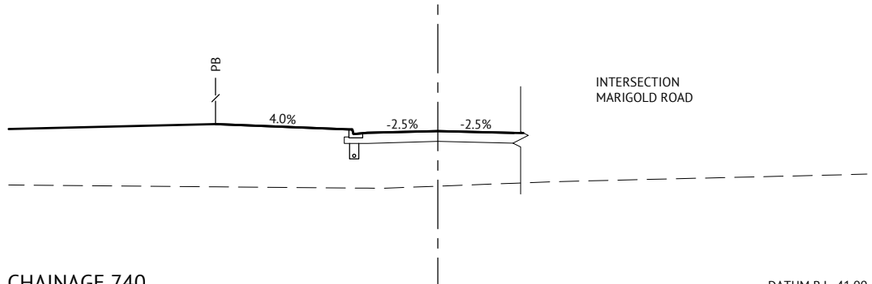


CHAINAGE 300 — DATUM R.L. 52.00

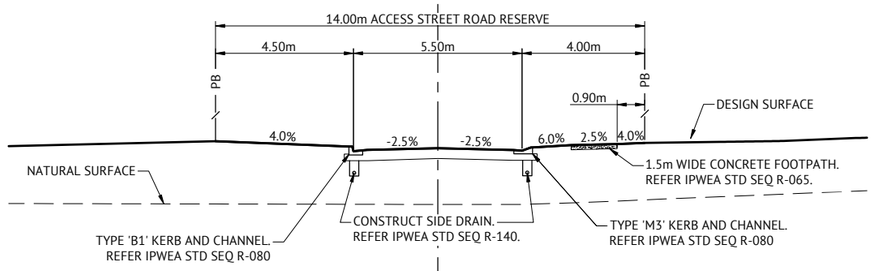
CROSS SECTIONS (NORTH)
SCALE 1:100



CHAINAGE 756.1 — DATUM R.L. 41.00



CHAINAGE 740 — DATUM R.L. 41.00



CHAINAGE 726.6 — DATUM R.L. 41.00

CROSS SECTIONS (PARK)
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

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

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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

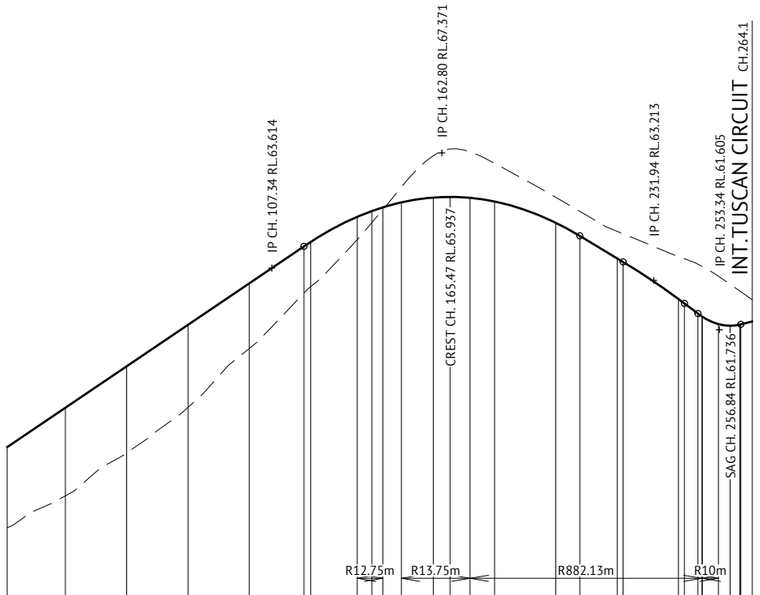
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE TUSCAN CIRCUIT LONG & CROSS SECTIONS - SHEET 3

JOB CODE MIR-0905
SHEET NUMBER C312
REV B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	COPPER CRESCENT
CLASS	-	ACCESS STREET (PARK) CH0.00-CH172.01 ACCESS STREET (TYPICAL) CH172.01-CH264.09
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



Horiz Curve Data

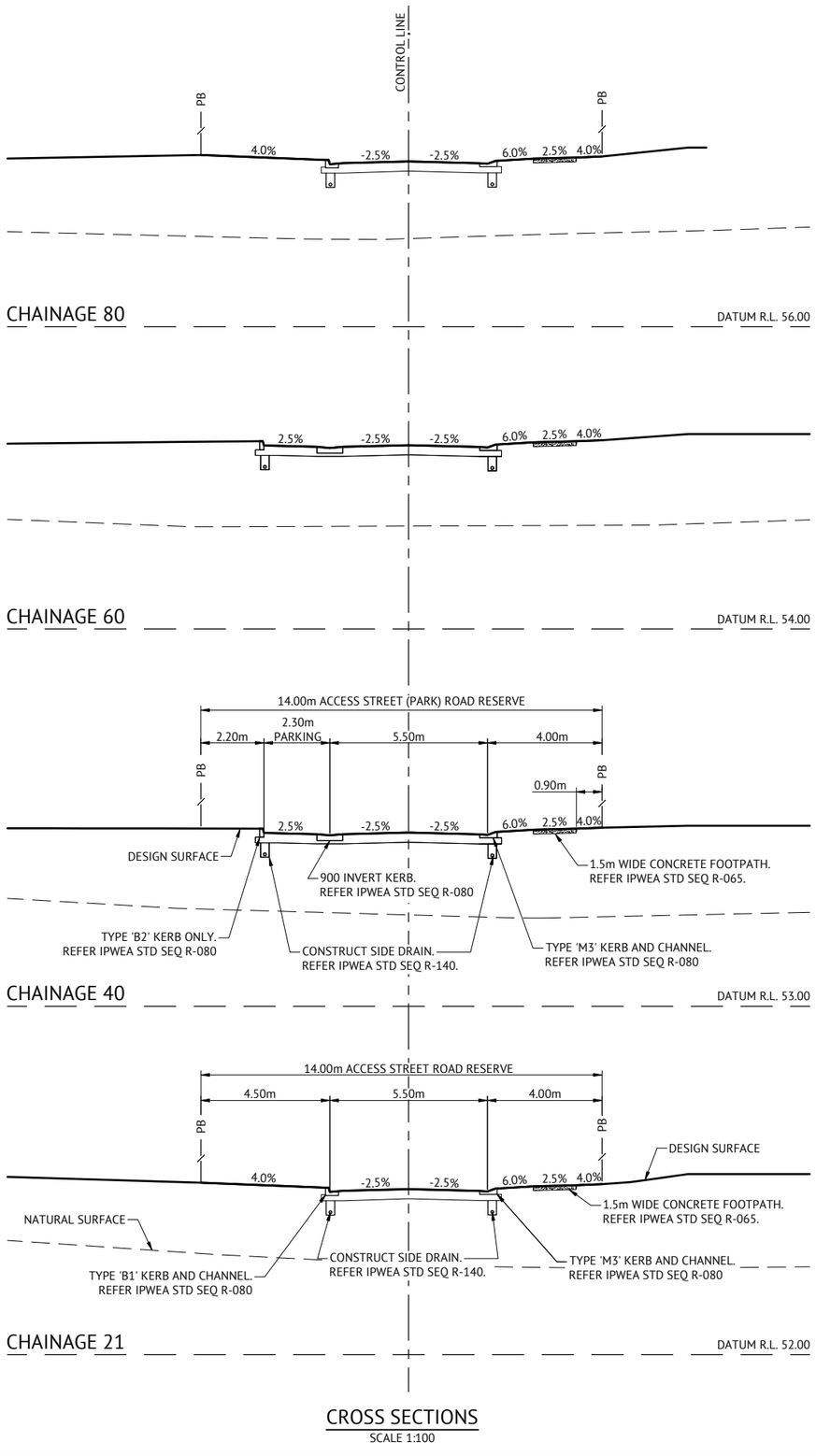
Vertical Geometry Grade (%)
Vertical Grade Length (m)

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

DATUM R.L.49.0

CHAINAGE	CUT (-)/FILL DEPTH	LHS LIP LEVEL	RHS LIP LEVEL	DESIGN SURFACE	NATURAL SURFACE
21.00	2.627	57.719	57.714	57.776	55.150
40.00	2.873	59.003	58.999	59.061	56.188
60.00	2.822	60.356	60.351	60.413	57.591
80.00	2.692	61.708	61.704	61.766	59.073
100.00	2.122	63.060	63.056	63.118	60.996
117.80	1.522	64.265	64.261	64.323	62.800
120.00	1.463	64.411	64.406	64.468	63.005
135.22	0.742	65.229	65.225	65.287	64.545
140.00	0.377	65.419	65.414	65.476	65.099
143.56	0.070	65.539	65.534	65.596	65.526
149.63	-0.500	65.701	65.696	65.759	66.259
160.00	-1.365	65.846	65.836	65.916	67.281
165.47	-1.563	65.859	65.852	65.937	67.500
172.01	-1.496	65.820	65.820	65.907	67.403
180.00	-1.244	65.700	65.700	65.787	67.031
200.00	-0.831	65.003	65.003	65.090	65.921
207.80	-0.801	64.578	64.578	64.665	65.466
220.00	-0.882	63.844	63.844	63.931	64.813
221.94	-0.919	63.727	63.727	63.814	64.734
240.00	-1.386	62.519	62.519	62.606	63.991
241.94	-1.458	62.375	62.375	62.462	63.920
246.34	-1.609	62.044	62.044	62.131	63.740
247.70	-1.634	61.948	61.949	62.035	63.669
247.77	-1.635	61.944	61.944	62.031	63.666
253.01	-1.561	61.702	61.702	61.789	63.350
256.84	-1.348	✳	✳	61.736	63.085
260.00	-1.093			61.772	62.866
260.34	-1.062			61.780	62.842
264.09	-0.708			61.874	62.582

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



CROSS SECTIONS
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

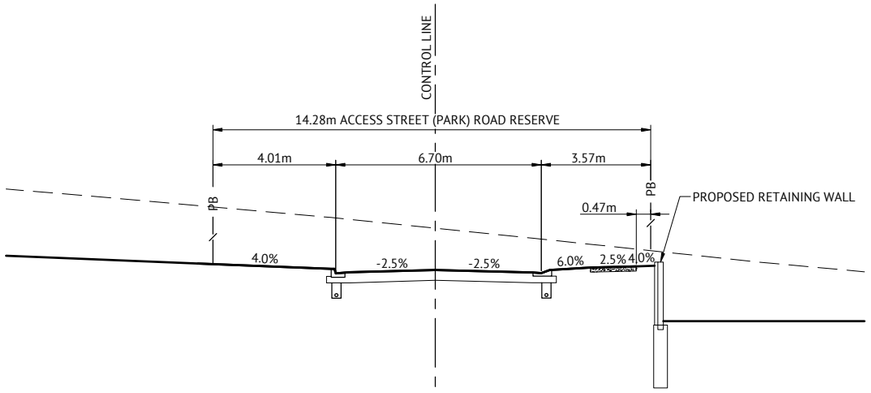
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

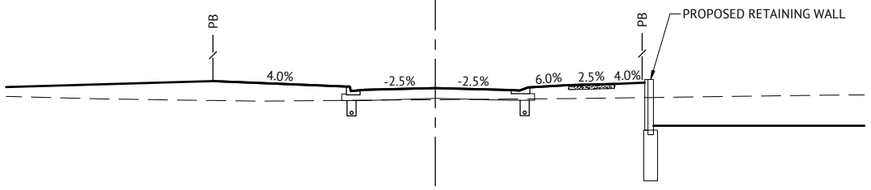
SCALE
HORIZONTAL 1:1000 (A1)
VERTICAL 1:100 (A1)
SCALE 1:100 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE COPPER CRESCENT LONG & CROSS SECTIONS - SHEET 1

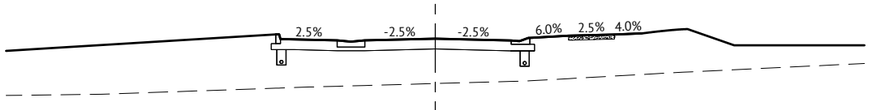
JOB CODE MIR-0905
SHEET NUMBER C313
REV B



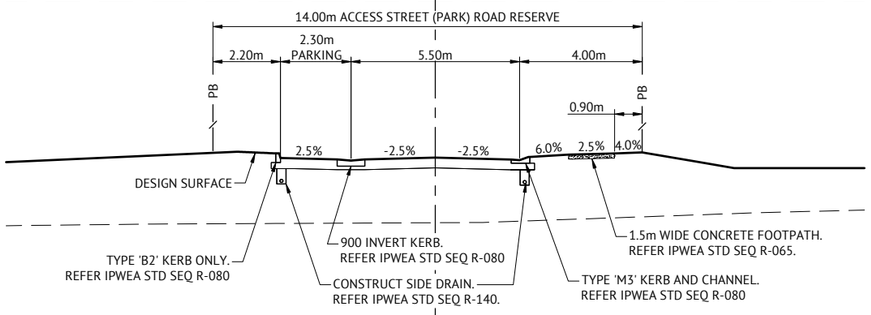
CHAINAGE 160 — DATUM R.L. 61.00



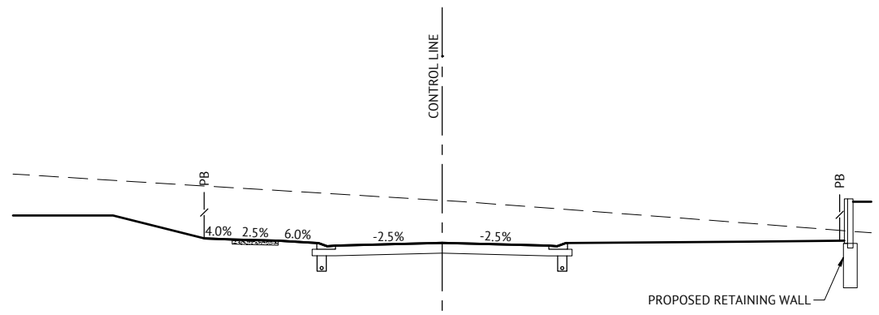
CHAINAGE 140 — DATUM R.L. 61.00



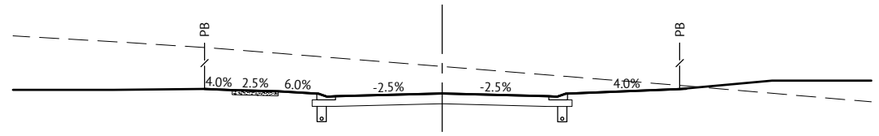
CHAINAGE 120 — DATUM R.L. 59.00



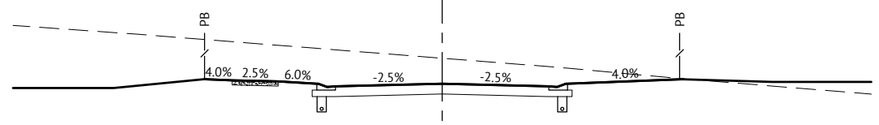
CHAINAGE 100 — DATUM R.L. 57.00



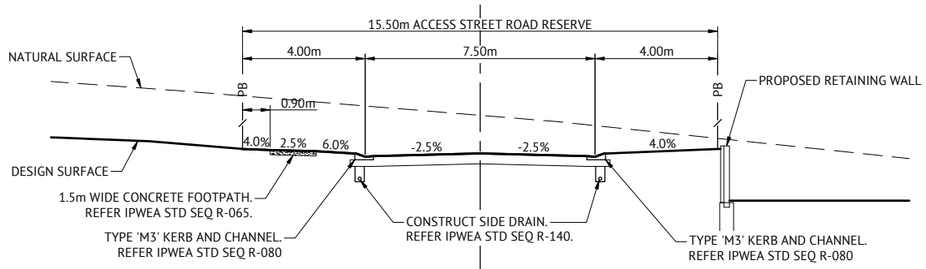
CHAINAGE 240 — DATUM R.L. 59.00



CHAINAGE 220 — DATUM R.L. 60.00



CHAINAGE 200 — DATUM R.L. 61.00



CHAINAGE 180 — DATUM R.L. 61.00

CROSS SECTIONS
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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: LAURA CLIFFORD
PROJECT DIRECTOR: PATRICK BRADY RPEQ 7112

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

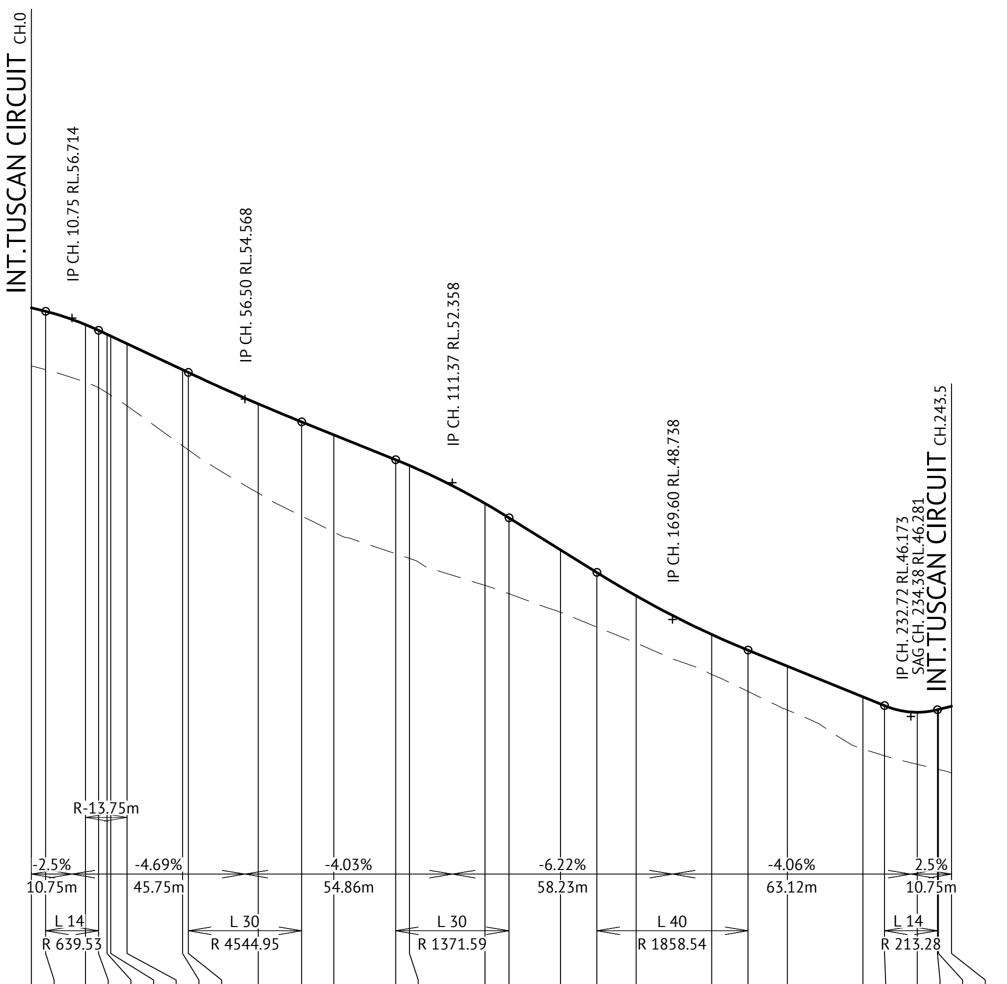
CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: COPPER CRESCENT LONG & CROSS SECTIONS - SHEET 2

JOB CODE: MIR-0905
SHEET NUMBER: C314
REV: B

PAVEMENT DESIGN (PRELIMINARY)		
ROADS	-	MARIGOLD ROAD
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.

✳ REFER TO INTERSECTION DETAILS PLANS



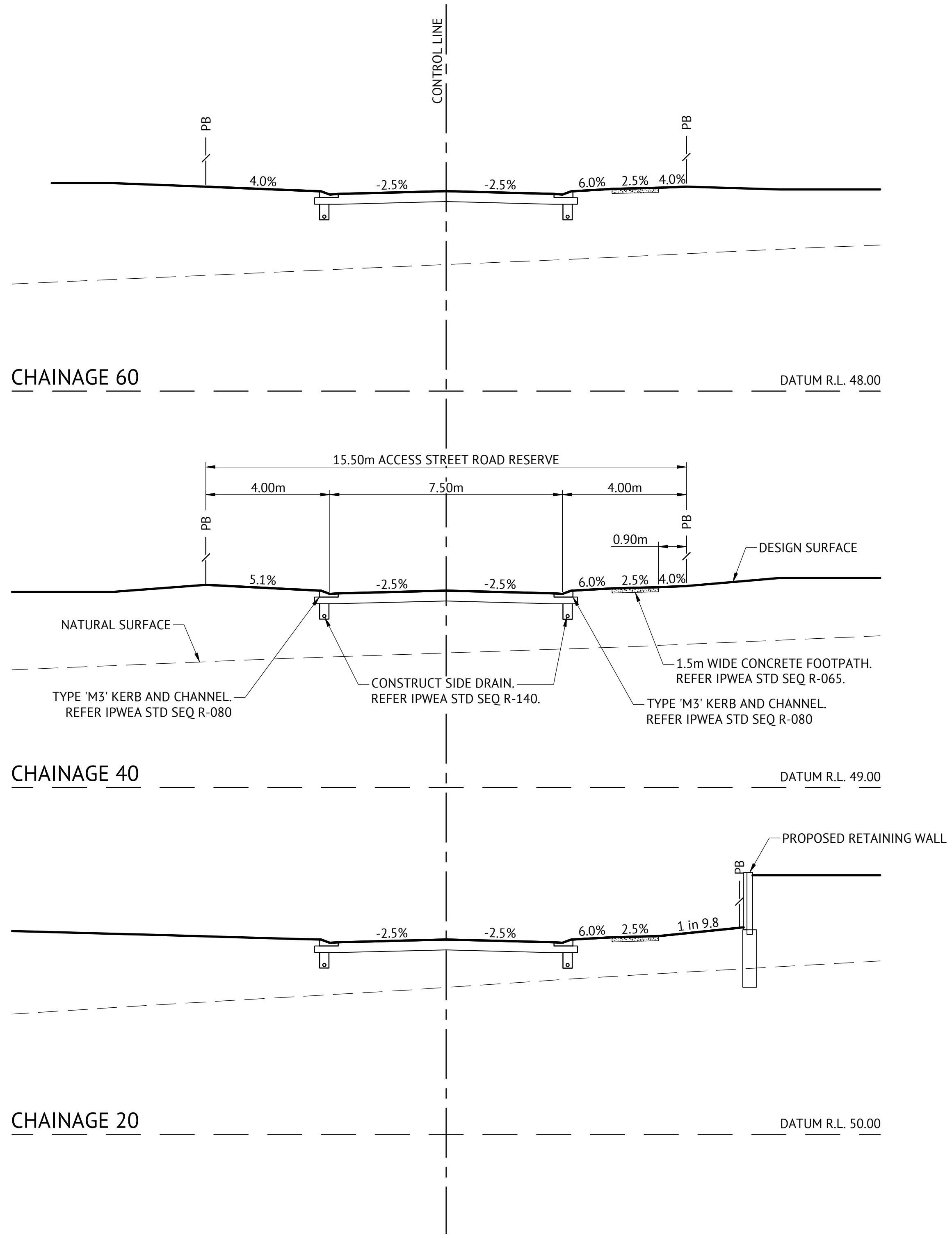
DATUM R.L.39.0

CUT (-)/FILL DEPTH	1.536	1.543	1.519	1.516	1.544	1.565	1.643	2.010	2.047	2.363	2.491	2.573	2.486	2.457
LHS LIP LEVEL	✳			56.298	56.193	56.146	55.944	55.255	55.185	54.355	53.877	53.535	52.875	52.724
RHS LIP LEVEL	✳			56.298	56.193	56.146	55.944	55.255	55.185	54.355	53.877	53.535	52.875	52.724
DESIGN SURFACE	56.982	56.889	56.538	56.385	56.280	56.233	56.031	55.342	55.272	54.442	53.964	53.622	52.962	52.811
NATURAL SURFACE	55.447	55.346	55.018	54.870	54.736	54.668	54.388	53.332	53.224	52.079	51.473	51.049	50.476	50.354
CHAINAGE	0.00	3.75	14.31	17.75	20.00	21.00	25.31	40.00	41.50	60.00	71.50	80.00	96.37	100.00

CUT (-)/FILL DEPTH	2.168	2.008	1.652	1.444	1.246	1.058	1.091	1.161	1.382	1.325	1.376	1.570	1.584	1.770
LHS LIP LEVEL	51.719	51.338	50.491	49.894	49.277	48.253	47.838	47.415	46.603	46.370	✳			
RHS LIP LEVEL	51.719	51.338	50.491	49.894	49.277	48.253	47.838	47.415	46.603	46.370	✳			
DESIGN SURFACE	51.806	51.425	50.578	49.981	49.364	48.340	47.925	47.502	46.690	46.457	46.281	46.348	46.355	46.441
NATURAL SURFACE	49.638	49.418	48.926	48.537	48.118	47.282	46.834	46.341	45.308	45.132	44.905	44.777	44.771	44.671
CHAINAGE	120.00	126.37	140.00	149.60	160.00	180.00	189.60	200.00	220.00	225.72	234.38	239.72	240.00	243.47

LONGITUDINAL SECTION

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



CROSS SECTIONS

SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

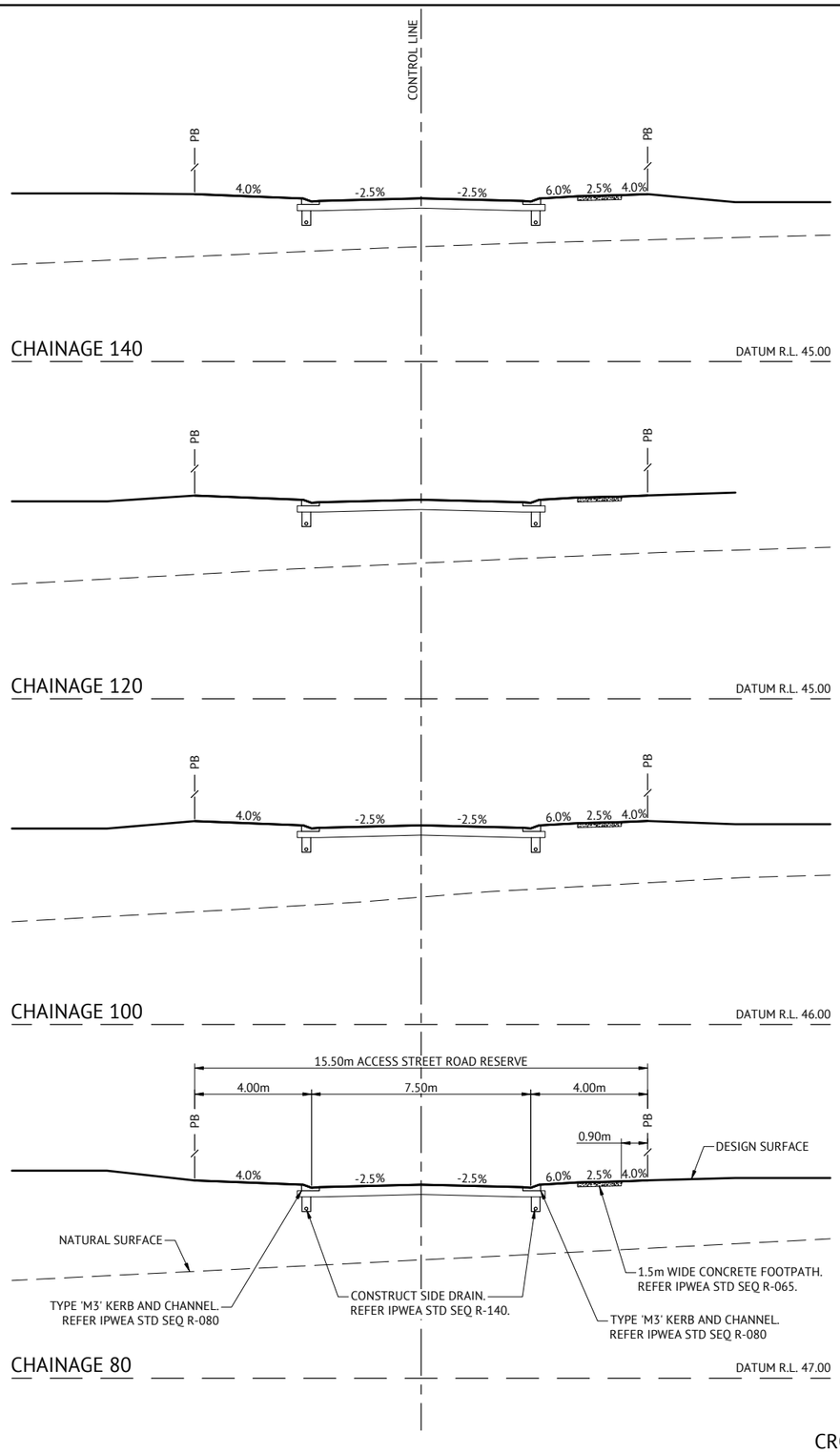
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

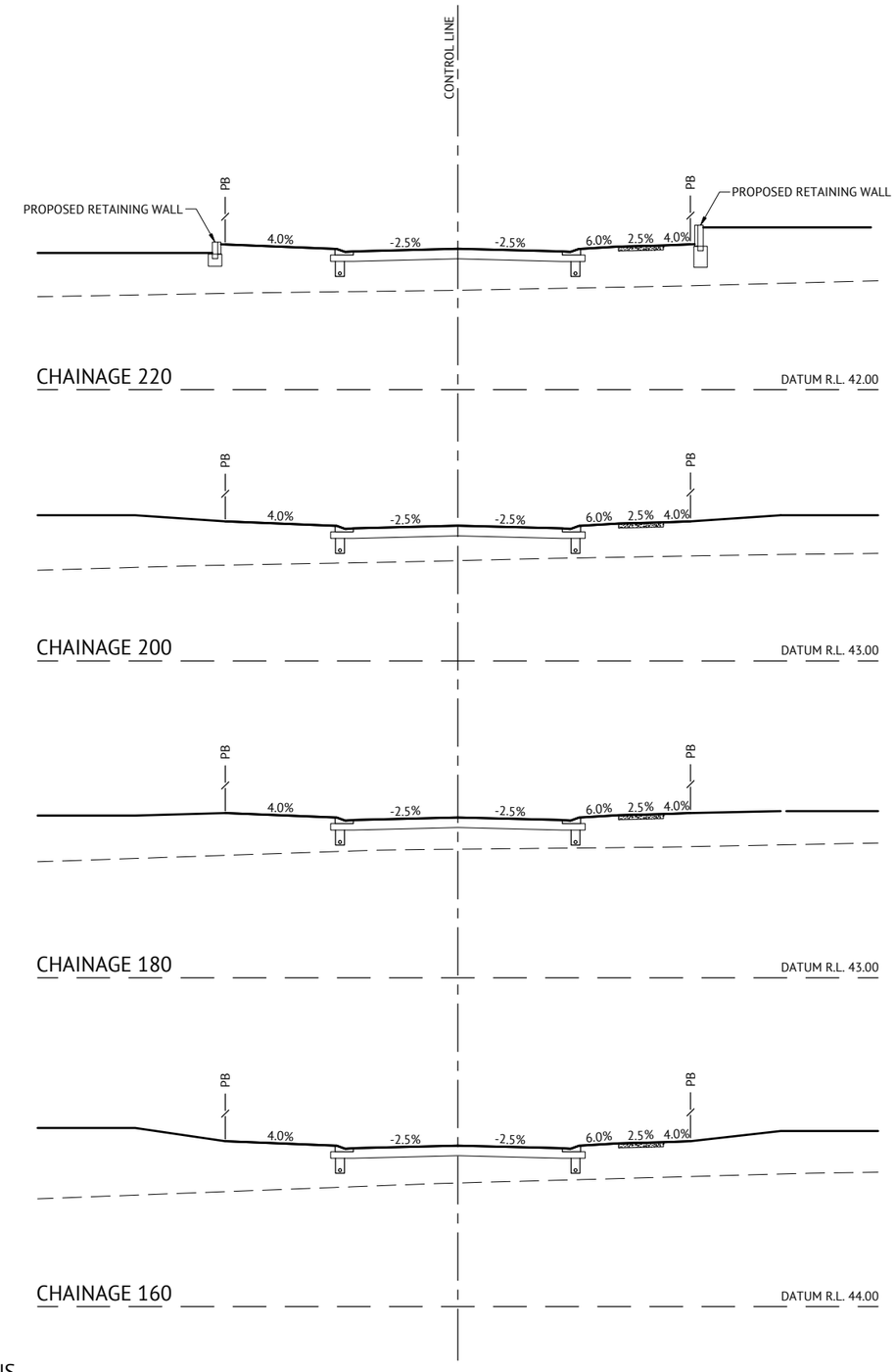
DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

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

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE MARIGOLD ROAD LONG & CROSS SECTIONS - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C315
REV B





CROSS SECTIONS
SCALE 1:100

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

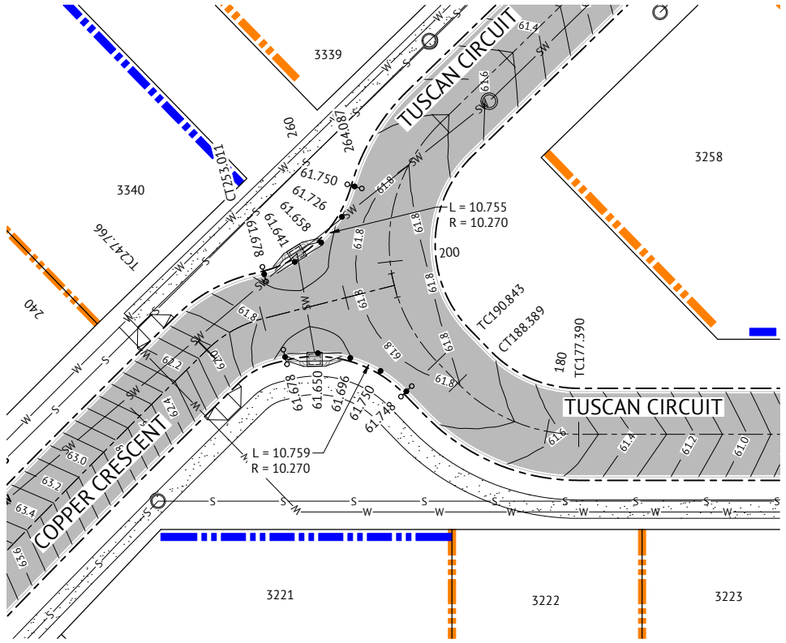
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

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

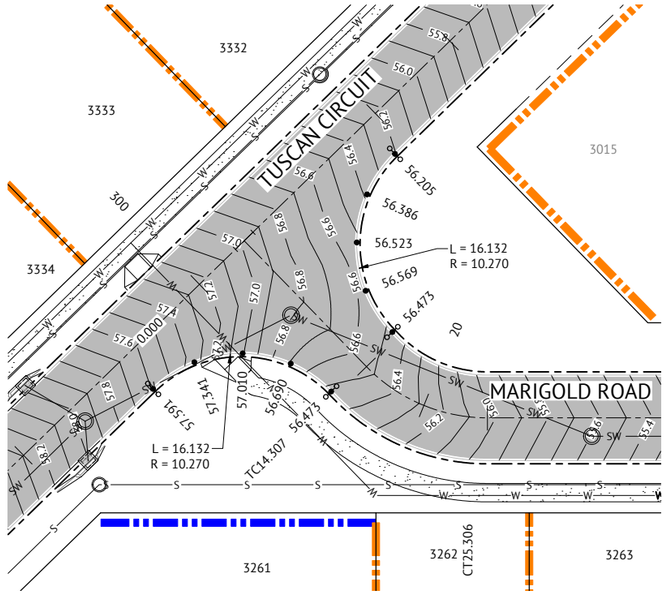
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE MARIGOLD ROAD LONG & CROSS SECTIONS - SHEET 2

JOB CODE MIR-0905
SHEET NUMBER C316
REV B



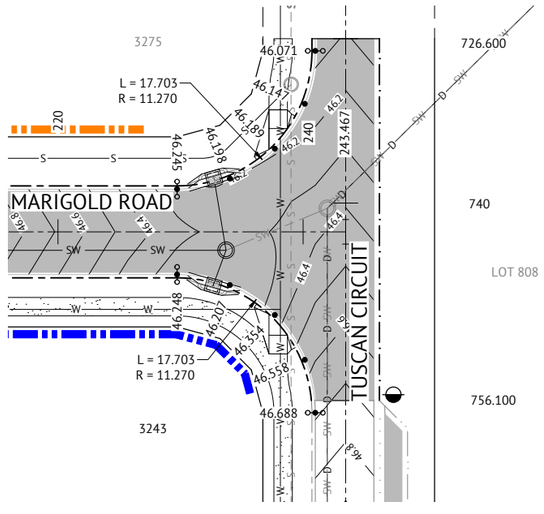
INTERSECTION TUSCAN CIRCUIT AND COPPER CRESCENT

SCALE 1:250



INTERSECTION TUSCAN CIRCUIT AND MARIGOLD ROAD DETAIL 1

SCALE 1:250



INTERSECTION TUSCAN CIRCUIT AND MARIGOLD ROAD DETAIL 2

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 KERB RAMP. REFER IPWEA STD DWG RS-090.
- PROPOSED IPWEA 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

LEGEND - CONSTRUCTED

- SW — PROPOSED 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		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE INTERSECTION DETAILS LAYOUT

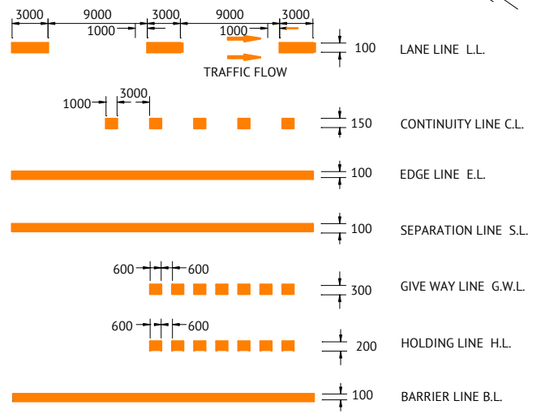
JOB CODE MIR-0905
SHEET NUMBER C320
REV B

PAVEMENT MARKINGS AND SIGNAGE LAYOUT

SCALE 1:500

TYPICAL LINEMARKING LEGEND

N.T.S.



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. 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.
2. SIGNS SHOULD BE ORIENTATED AT APPROXIMATELY RIGHT ANGLES TO, AND FACING THE TRAFFIC THEY ARE INTENDED TO SERVE.
3. SIGNAGE SHALL BE IN ACCORDANCE WITH:
   - AS1742 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
   - AS1743 ROAD SIGNS SPECIFICATION
   - AS4049.1 PAVEMENT MARKING MATERIALS
4. 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		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

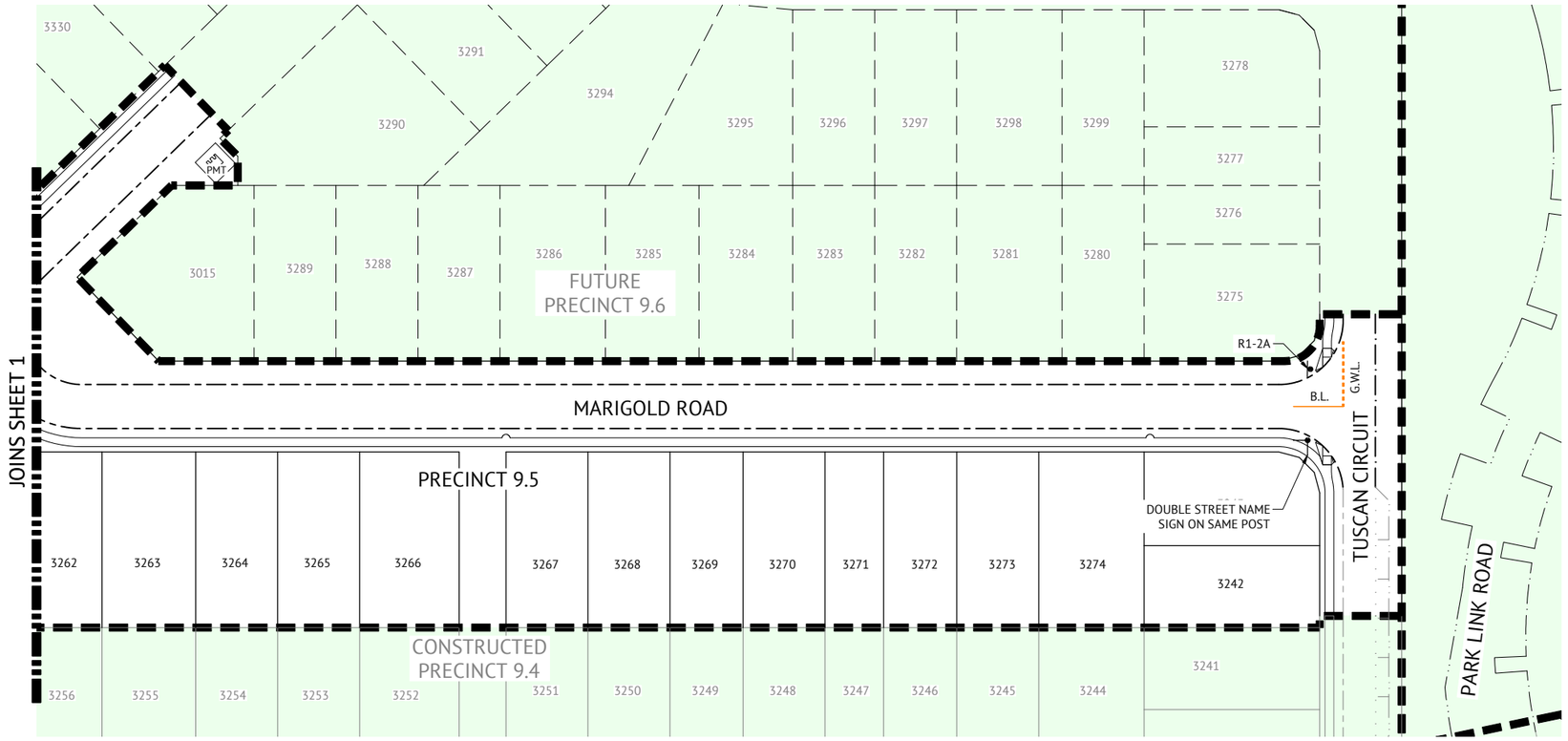
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C330
REV B



PAVEMENT MARKINGS AND SIGNAGE LAYOUT

SCALE 1:500

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

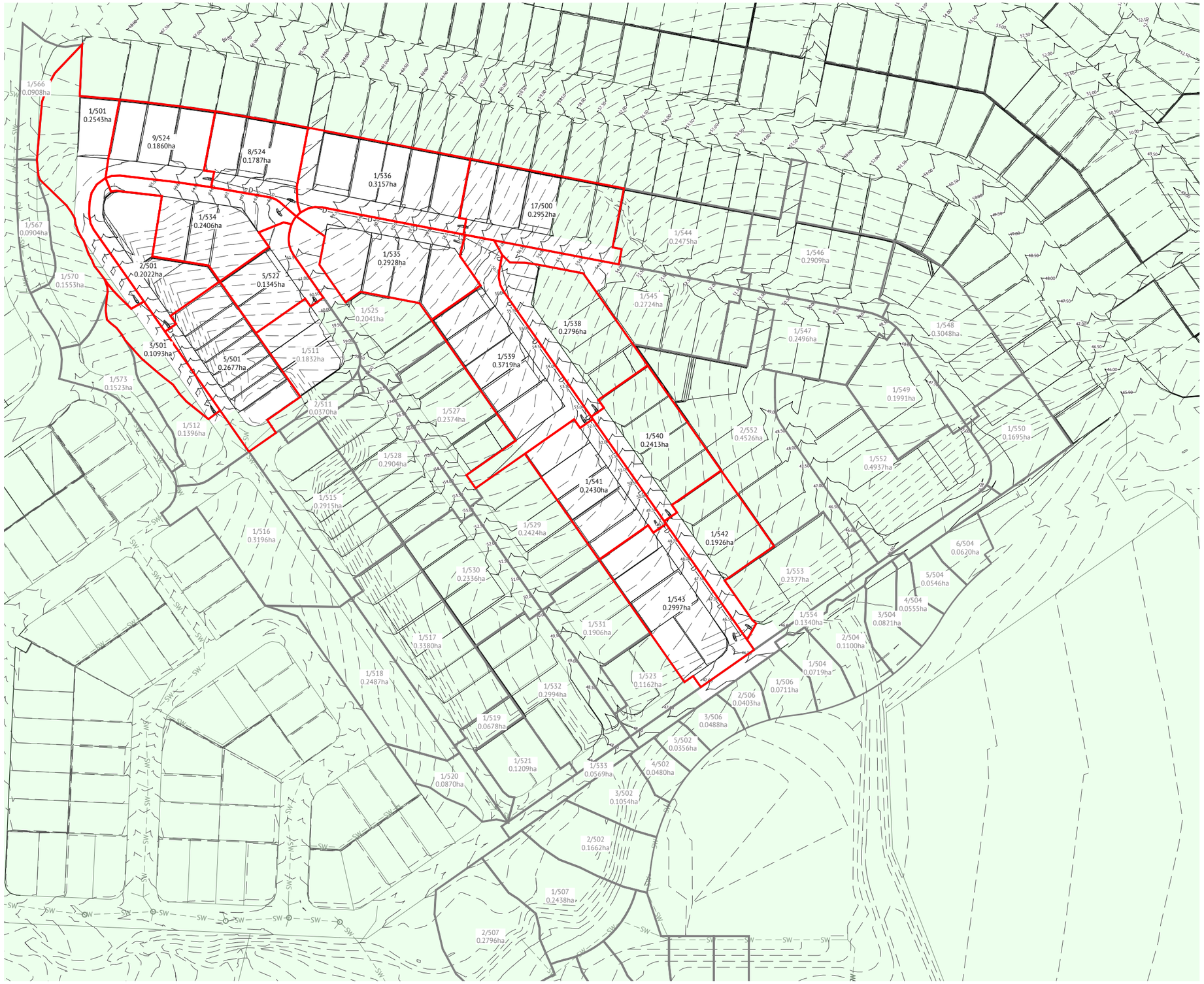
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE PAVEMENT MARKINGS AND SIGNAGE LAYOUT PLAN - SHEET 2

JOB CODE MIR-0905
SHEET NUMBER C331
REV B



LEGEND

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

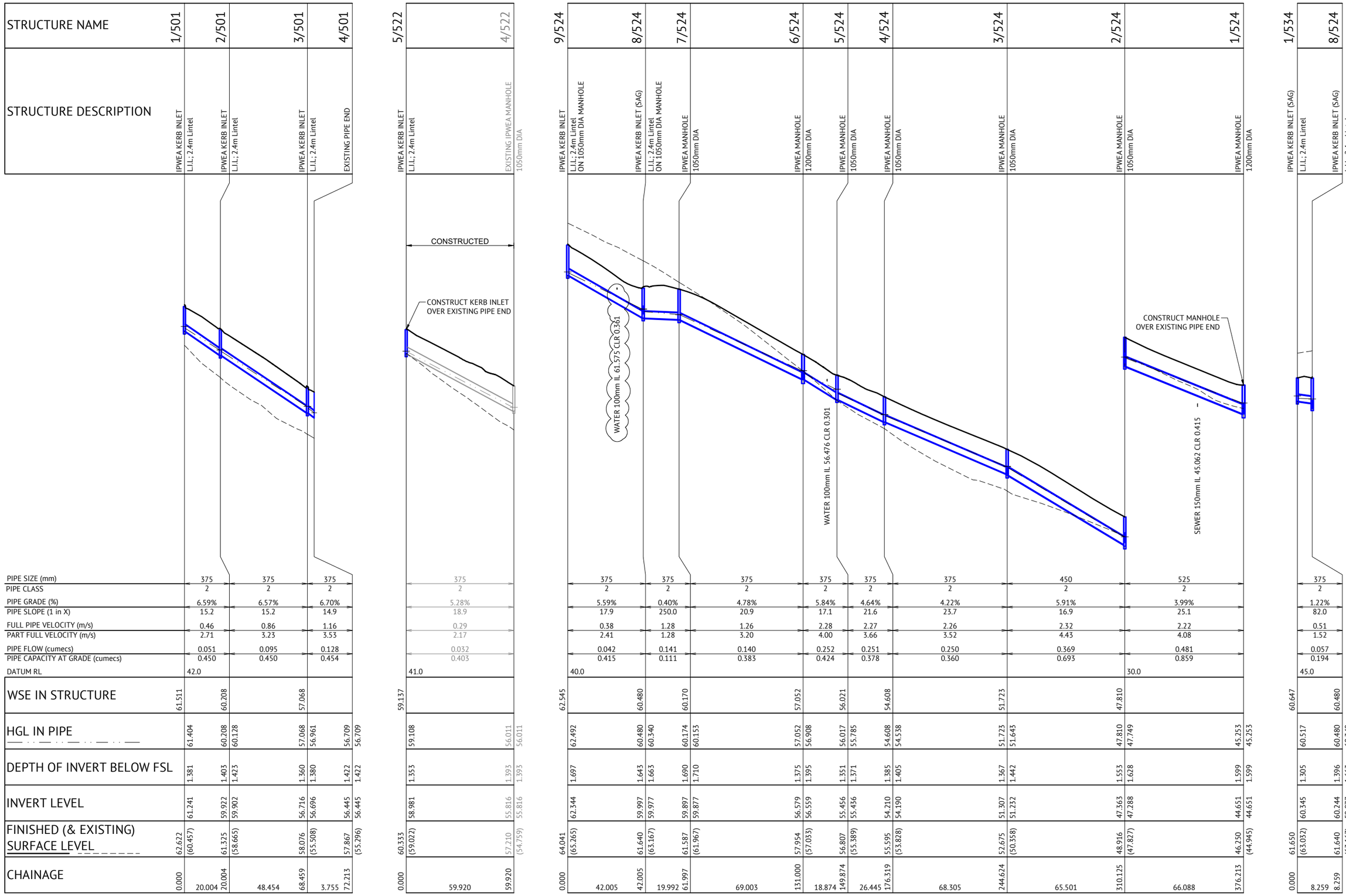
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED: KLYNT KIWANG
CHECKED: ANDREW LANGDON
PROJECT MANAGER: LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: STORMWATER CATCHMENT LAYOUT PLAN

JOB CODE: MIR-0905
SHEET NUMBER: C400
REV: B



STRUCTURE NAME	1/501	2/501	3/501	4/501	5/522	4/522	9/524	8/524	7/524	6/524	5/524	4/524	3/524	2/524	1/524	1/534	8/524
STRUCTURE DESCRIPTION	IPWEA KERB INLET L.I.L; 2.4m Lintel	IPWEA KERB INLET L.I.L; 2.4m Lintel	IPWEA KERB INLET L.I.L; 2.4m Lintel	EXISTING PIPE END	IPWEA KERB INLET L.I.L; 2.4m Lintel	EXISTING IPWEA MANHOLE 1050mm DIA	IPWEA KERB INLET L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE	IPWEA KERB INLET (SAG) L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1200mm DIA	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1050mm DIA	IPWEA MANHOLE 1200mm DIA	IPWEA KERB INLET (SAG) L.I.L; 2.4m Lintel	IPWEA KERB INLET (SAG) L.I.L; 2.4m Lintel ON 1050mm DIA MANHOLE
PIPE SIZE (mm)		375		375	375		375	375	375	375	375	375	450	525		375	
PIPE CLASS		2		2	2		2	2	2	2	2	2	2	2		2	
PIPE GRADE (%)		6.59%		6.57%	5.28%		5.59%	0.40%	4.78%	5.84%	4.64%	4.22%	5.91%	3.99%		1.22%	
PIPE SLOPE (1 in X)		15.2		15.2	18.9		17.9	250.0	20.9	17.1	21.6	23.7	16.9	25.1		82.0	
FULL PIPE VELOCITY (m/s)		0.46		0.86	0.29		0.38	1.28	1.26	2.28	2.27	2.26	2.32	2.22		0.51	
PART FULL VELOCITY (m/s)		2.71		3.23	2.17		2.41	1.28	3.20	4.00	3.66	3.52	4.43	4.08		1.52	
PIPE FLOW (cumecs)		0.051		0.095	0.032		0.042	0.141	0.140	0.252	0.251	0.250	0.369	0.481		0.057	
PIPE CAPACITY AT GRADE (cumecs)		0.450		0.450	0.403		0.415	0.111	0.383	0.424	0.378	0.360	0.693	0.859		0.194	
DATUM RL	42.0				41.0		40.0							30.0		45.0	
WSE IN STRUCTURE	61.511	60.208	57.068		59.137		62.545	60.480	60.170	57.052	56.021	54.608	51.723	47.810		60.647	60.480
HGL IN PIPE	61.404	60.208 / 60.128	57.068 / 56.961	56.709	59.108	56.011	62.492	60.480 / 60.340	60.174 / 60.153	57.052 / 56.908	56.017	55.785 / 54.608	54.538 / 51.723	51.643 / 47.810	47.749 / 45.253	60.517	60.480 / 60.340
DEPTH OF INVERT BELOW FSL	1.381	1.403 / 1.423	1.360 / 1.380	1.422	1.353	1.393	1.697	1.643 / 1.663	1.690 / 1.710	1.375 / 1.395	1.351	1.371 / 1.385	1.405 / 1.367	1.442 / 1.553	1.628 / 1.599	1.305	1.396 / 1.663
INVERT LEVEL	61.241	59.922 / 59.902	56.716 / 56.696	56.445	58.981	55.816	62.344	59.997 / 59.977	59.897 / 59.877	56.579 / 56.559	55.456	55.436 / 54.210	54.190 / 47.363	51.232 / 47.288	44.651 / 44.651	60.345	60.244 / 59.977
FINISHED (& EXISTING) SURFACE LEVEL	62.622 (60.457)	61.325 (58.665)	58.076 (55.508)	57.867 (55.296)	60.333 (59.022)	57.210 (54.759)	64.041 (65.265)	61.640 (63.167)	61.587 (61.967)	57.954 (57.033)	56.807 (55.389)	55.595 (53.828)	52.675 (50.358)	48.916 (47.827)	46.250 (44.945)	61.650 (63.052)	61.640 (63.167)
CHAINAGE	0.000	20.004 / 20.004	48.454 / 68.459	3.755 / 72.213	0.000	59.920 / 59.920	0.000	42.005 / 42.005	19.992 / 61.997	69.003 / 131.000	18.874 / 149.874	26.445 / 176.319	68.305 / 244.624	65.501 / 310.125	66.088 / 376.213	0.000	8.259 / 8.259
LINE	501				522		524									534	

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	AMENDED WATER CROSSING DETAILS	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

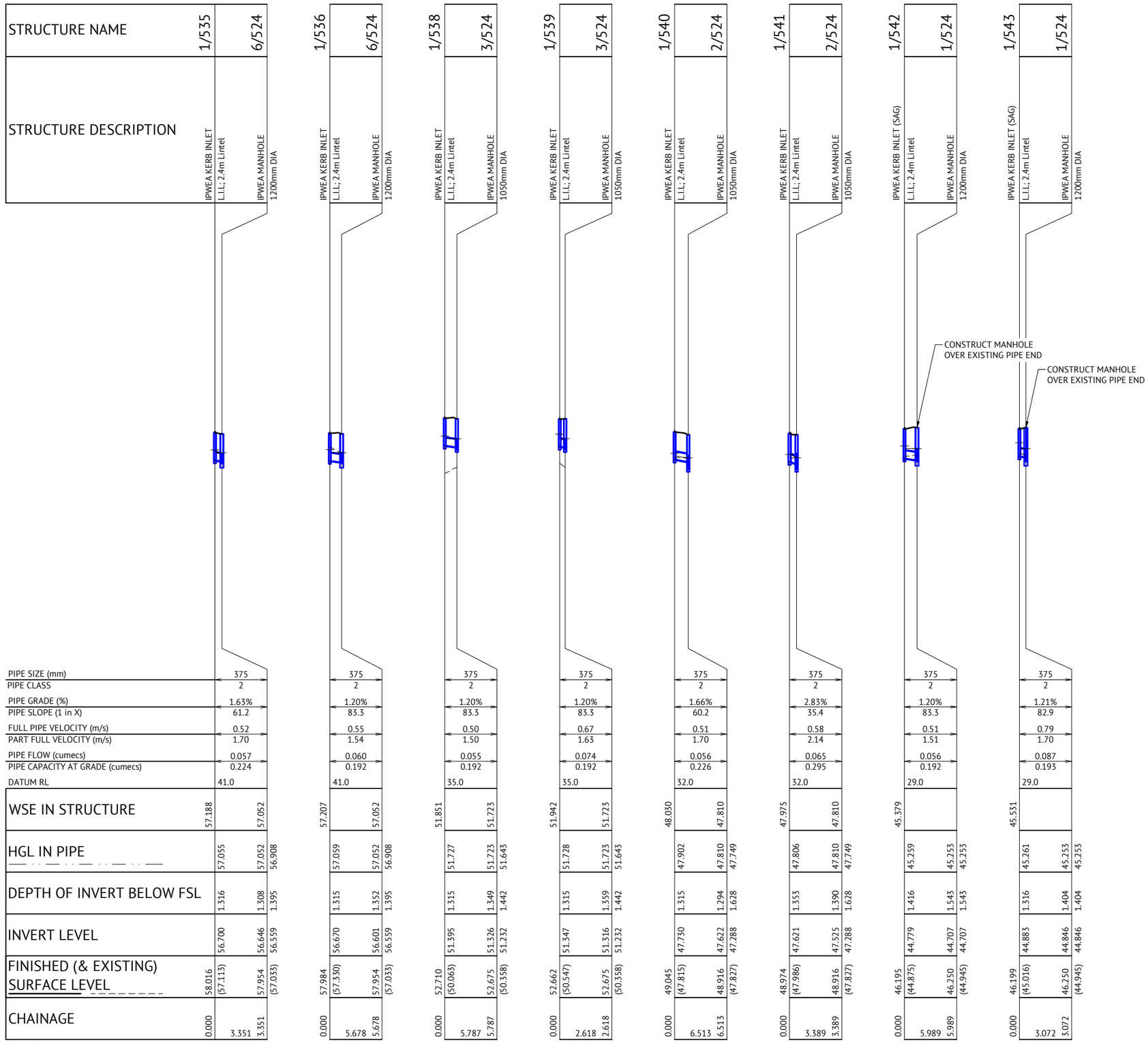
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE LONG SECTIONS - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C410
REV B



STRUCTURE NAME	1/535	6/524	1/536	6/524	1/538	3/524	1/539	3/524	1/540	2/524	1/541	2/524	1/542	1/524	1/543	1/524
STRUCTURE DESCRIPTION	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 1050mm DIA	IPWEA KERB INLET L.I.L; 2.4m Lintel	IPWEA MANHOLE 1050mm DIA	IPWEA KERB INLET L.I.L; 2.4m Lintel	IPWEA MANHOLE 1050mm DIA	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 1200mm DIA	IPWEA KERB INLET (SAG) L.I.L; 2.4m Lintel	IPWEA MANHOLE 1200mm DIA
PIPE SIZE (mm)		375		375		375		375		375		375		375		375
PIPE CLASS		2		2		2		2		2		2		2		2
PIPE GRADE (%)		1.63%		1.20%		1.20%		1.20%		1.66%		2.83%		1.20%		1.21%
PIPE SLOPE (1 in X)		61.2		83.3		83.3		83.3		60.2		35.4		83.3		82.9
FULL PIPE VELOCITY (m/s)		0.52		0.55		0.50		0.67		0.51		0.58		0.51		0.79
PART FULL VELOCITY (m/s)		1.70		1.54		1.50		1.63		1.70		2.14		1.51		1.70
PIPE FLOW (cumecs)		0.057		0.060		0.055		0.074		0.056		0.065		0.056		0.087
PIPE CAPACITY AT GRADE (cumecs)		0.224		0.192		0.192		0.192		0.226		0.295		0.192		0.193
DATUM RL		41.0		41.0		35.0		35.0		32.0		32.0		29.0		29.0
WSE IN STRUCTURE	57.188	57.052	57.207	57.052	51.851	51.723	51.942	51.723	48.030	47.810	47.975	47.810	45.379		45.531	
HGL IN PIPE	57.055	57.052 56.908	57.059	57.052 56.908	51.727	51.723 51.643	51.728	51.723 51.643	47.902	47.810 47.749	47.806	47.810 47.749	45.259	45.253 45.253	45.261	45.253 45.253
DEPTH OF INVERT BELOW FSL	1.316	1.308 1.395	1.315	1.352 1.395	1.315	1.349 1.442	1.315	1.359 1.442	1.315	1.294 1.628	1.353	1.390 1.628	1.416	1.543 1.543	1.316	1.404 1.404
INVERT LEVEL	56.700	56.646 56.559	56.670	56.601 56.559	51.395	51.326 51.232	51.347	51.316 51.232	47.730	47.622 47.288	47.621	47.525 47.288	44.779	44.707 44.707	44.883	44.846 44.846
FINISHED (& EXISTING) SURFACE LEVEL	58.016 (57.113)	57.954 (57.033)	57.984 (57.330)	57.954 (57.033)	52.710 (50.063)	52.675 (50.358)	52.662 (50.547)	52.675 (50.358)	49.045 (47.815)	48.916 (47.827)	48.974 (47.986)	48.916 (47.827)	46.195 (44.875)	46.250 (44.945)	46.199 (45.016)	46.250 (44.945)
CHAINAGE	0.000	3.351 3.351	0.000	5.678 5.678	0.000	5.787 5.787	0.000	2.618 2.618	0.000	6.513 6.513	0.000	3.389 3.389	0.000	5.989 5.989	0.000	3.072 3.072
LINE	535		536		538		539		540		541		542		543	

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE LONG SECTIONS - SHEET 2

JOB CODE MIR-0905
SHEET NUMBER C411
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

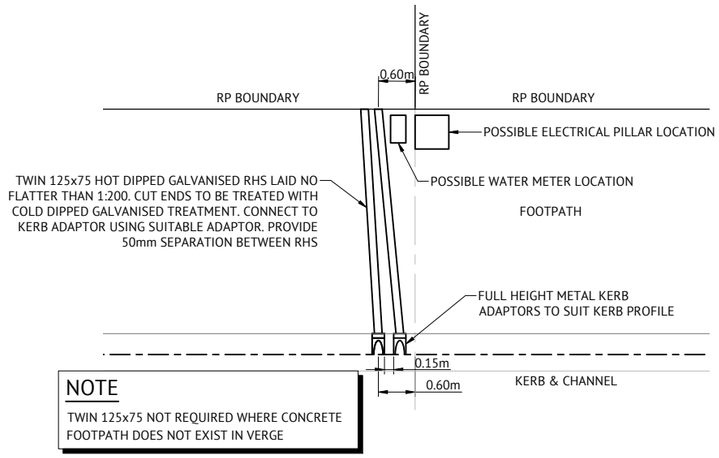
STRUCTURE TYPE	HORIZONTAL CONTROL POINT [REFERENCE POINT LOCATION]	VERTICAL CONTROL REFERENCE LEVEL
MANHOLE	CENTRELINE OF MAIN SHAFT	FINISHED SURFACE LEVEL AT CENTRE OF MAIN SHAFT
GULLY PIT OVER MANHOLE	CENTRE OF GULLY PIT	LIP LEVEL
GULLY PIT (LIP IN LINE)	CENTRE OF GULLY PIT	LIP LEVEL
HEADWALL	INTERSECTION 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.

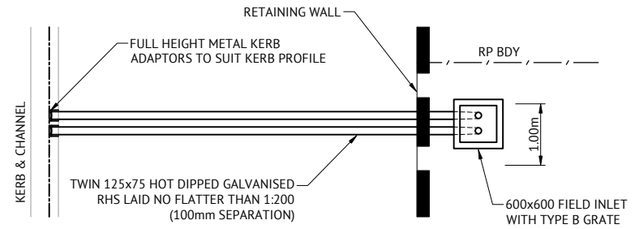
TRENCH SPOIL NOTE:

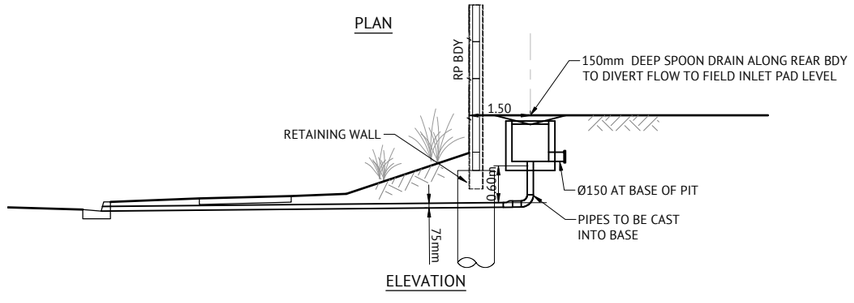
SPOILAGE OF EXCESS MATERIAL TO BE PLACED INTO THE SOUTHERN DAM REHABILITATION AREA INCLUDING ALL LEVEL ONE COMPACTION REQUIREMENTS AND TESTING IN ACCORDANCE WITH MORRISON GEOTECHNICAL SPECIFICATION AND ALL LOCAL AUTHORITY STANDARDS, AND SHALL BE FREE DRAINING.



TYPICAL ROOFWATER KERB ADAPTOR OUTLET DETAIL

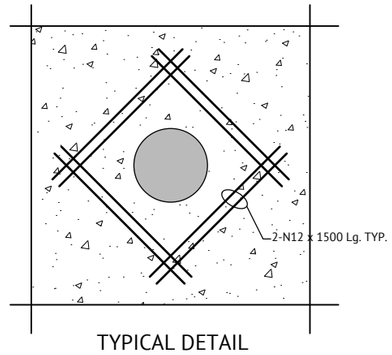
N.T.S.





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
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

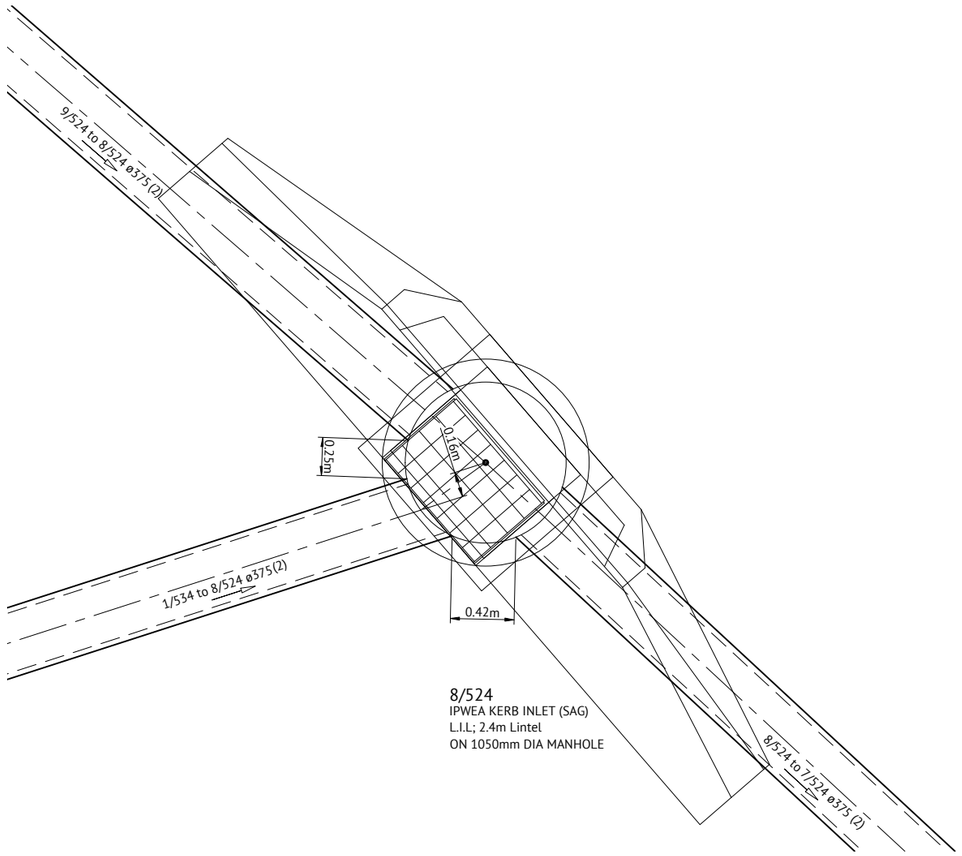
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED: KLYNT KIWANG
CHECKED: ANDREW LANGDON
PROJECT MANAGER: LAURA CLIFFORD
PROJECT DIRECTOR: PATRICK BRADY RPEQ 7112

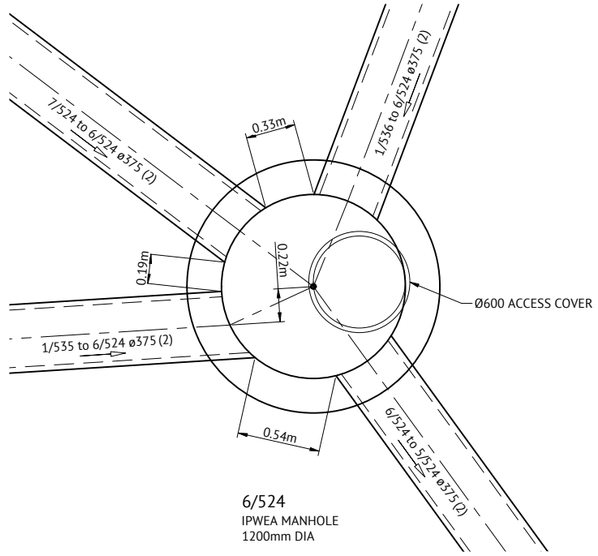
SCALE: 0 0.4 0.8 1.2m
SCALE 1:20 (A1)
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: STORMWATER DRAINAGE NOTES AND DETAILS

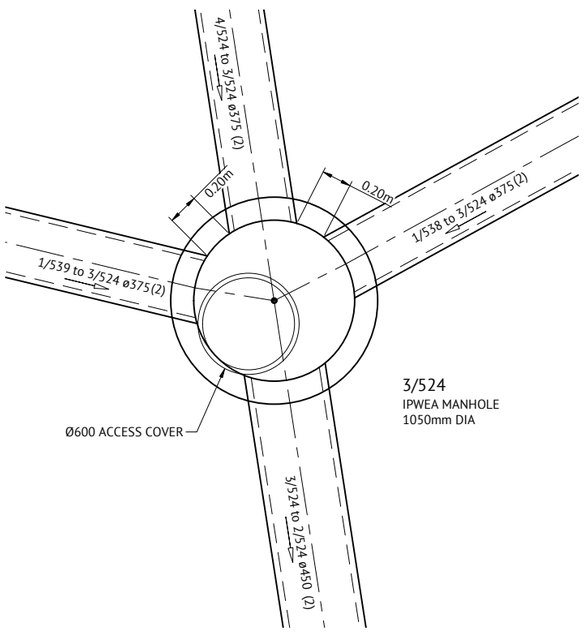
JOB CODE: MIR-0905
SHEET NUMBER: C420
REV: B



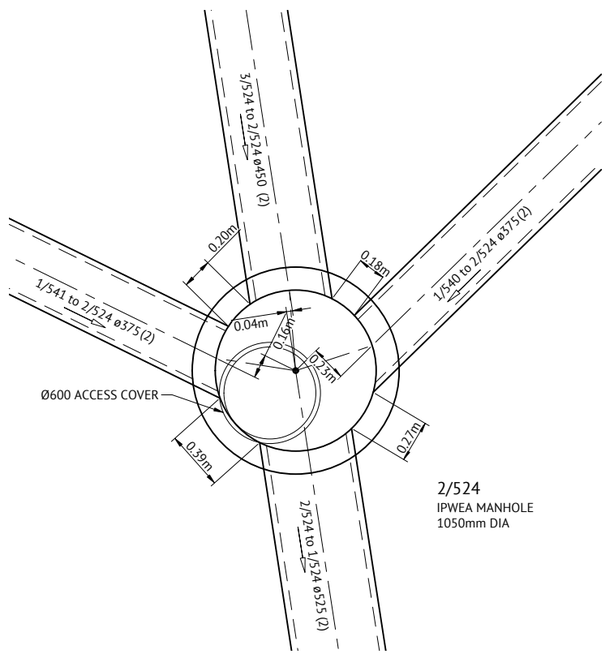
8/524
IPWEA KERB INLET (SAG)
L.I.L; 2.4m Lintel
ON 1050mm DIA MANHOLE



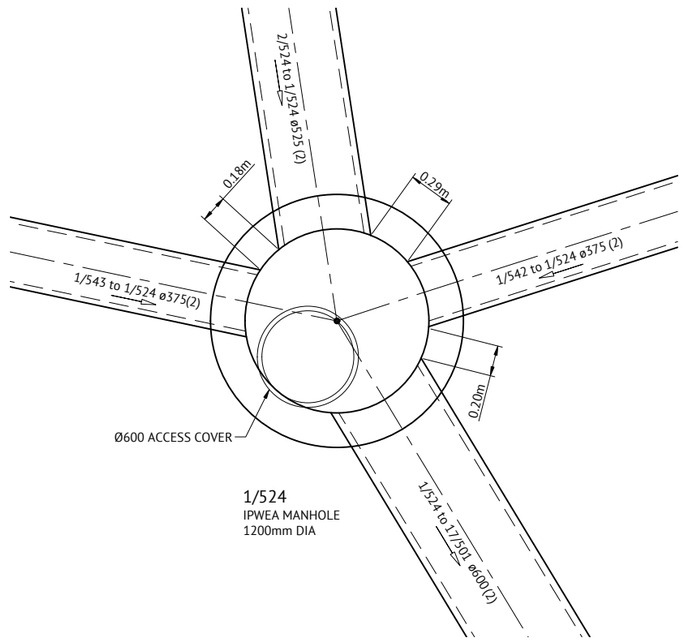
6/524
IPWEA MANHOLE
1200mm DIA



3/524
IPWEA MANHOLE
1050mm DIA



2/524
IPWEA MANHOLE
1050mm DIA



1/524
IPWEA MANHOLE
1200mm DIA

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER DRAINAGE STRUCTURE DETAILS

JOB CODE MIR-0905
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	m	m/s	m/s	m	m	m	m	m	m	
1/501	2/501		8.00	113	0.75	0.254	0.190	60	60	1.760	0.072	6.76	173	51	9	3/501	8.00	113	0.190	0	51	19.963	6.607	375	2	0.46	0.08		1.00		1.28	0.011	9.70	0.106		0.106	5.98	1.243	0.085	2.71	2.56			61.404	60.208	61.511	62.622	1/501
2/501	3/501	1/501	8.00	113	0.75	0.202	0.151	48	48	1.779	0.054	6.76	177	44	3	5/501	8.08	113	0.342	0	95	48.448	6.575	375	2	0.86	0.20		0.46	1.00	1.21	0.038	2.10	0.080		0.080	6.31	3.115	0.117	3.23	3.04			60.128	57.068	60.208	61.325	2/501
3/501	4/501	1/501 2/501	6.00	122	0.75	0.109	0.082	28	36	1.385	0.063	6.76	173	36	0	1/512	8.28	112	0.423	0	128	3.715	6.771	375	2	1.16	0.02		0.28	1.00	1.29	0.069	1.56	0.108		0.108	6.70	0.252	0.136	3.53	3.27			56.961	56.709	57.068	58.076	3/501
4/501																																										56.709	57.867	4/501
5/522	4/522		8.00	113	0.75	0.134	0.101	32	32	1.586	0.049	5.27	346	32	0	1/511	8.00	113	0.101	0	32	59.920	5.281	375	2	0.29	0.27		1.00		1.08	0.004	7.00	0.029		0.029	5.17	3.128	0.071	2.17	1.99			59.108	56.011	59.137	60.333	5/522
4/522																																										56.011	57.210	4/522
9/524	8/524		8.00	113	0.75	0.186	0.139	44	44	1.747	0.054	5.99	381	42	1	8/524	8.00	113	0.139	0	42	42.005	5.588	375	2	0.38	0.19		1.00		1.14	0.007	7.00	0.052		0.052	4.79	2.060	0.081	2.41	2.23			62.492	60.480	62.545	64.041	9/524
8/524	7/524	1/534 9/524	8.00	113	0.75	0.179	0.134	42	43		0.002	2.37	260	43	0	1/536	8.19	112	0.453	0	141	19.992	0.400	375	2	1.28	0.33		0.31	1.00	1.37	0.083	1.68	0.140		0.140	0.83	0.118	0.375	1.28	1.15			60.340	60.174	60.480	61.640	8/524
7/524	6/524	1/534 9/524 8/524															8.52	111	0.453	0	140	69.003	4.780	375	2	1.26	0.33		0.00	1.00	1.05	0.082	0.22	0.018		0.018	4.49	3.150	0.157	3.20	2.94			60.153	57.052	60.170	61.587	7/524
6/524	5/524	1/536 1/535 1/534 9/524 8/524															8.74	110	0.907	0	252	18.874	5.844	375	2	2.28	0.08		0.00	1.00	1.38	0.265	0.54	0.144		0.144	4.72	0.908	0.208	4.00	3.76			56.908	56.017	57.052	57.954	6/524
5/524	4/524	1/536 1/535 1/534 9/524 8/524															8.82	110	0.907	0	251	26.445	4.637	375	2	2.27	0.13		0.00	1.00	1.63	0.263	0.88	0.232	0.90	0.236	4.45	1.194	0.223	3.66	3.44			55.785	54.608	56.021	56.807	5/524
4/524	3/524	1/536 1/535 1/534 9/524 8/524															8.95	109	0.907	0	250	68.305	4.220	375	2	2.26	0.35		0.00	1.00	1.19	0.261	0.27	0.070		0.070	4.12	2.832	0.230	3.52	3.32			54.538	51.723	54.608	55.595	4/524
3/524	2/524	1/539 1/538 1/536 1/535 1/534 9/524 8/524															9.22	108	1.391	0	369	65.500	5.907	450	2	2.32	0.25		0.00	1.00	1.18	0.275	0.29	0.080		0.080	5.85	3.858	0.234	4.43	4.16			51.643	47.810	51.723	52.675	3/524
2/524	1/524	1/541 1/540 1/539 1/538 1/536 1/535 1/534 9/524 8/524															8.86	110	1.719	0	481	66.088	3.990	525	2	2.22	0.28		0.00	1.00	1.12	0.252	0.24	0.061		0.061	3.78	2.535	0.281	4.08	3.83			47.749	45.253	47.810	48.916	2/524
1/524																																										45.253	46.250	1/524
1/534	8/524		8.00	113	0.75	0.241	0.180	57	57		0.012	1.62	260	57	0	5/522	8.00	113	0.180	0	57	8.229	1.223	375	2	0.51	0.08		1.00		1.35	0.013	9.70	0.130		0.130	0.45	0.073	0.139	1.52	1.4			60.517	60.480	60.647	61.650	1/534
1/535	6/524		8.00	113	0.75	0.293	0.219	69	69	2.151	0.063	5.43	334	57	12	1/539	8.00	113	0.219	0	57	3.210	1.705	375	2	0.52	0.03		1.00		1.35	0.014	9.70	0.133		0.133	0.07	0.003	0.129	1.70	1.6			57.055	57.052	57.188	58.016	1/535
1/536	6/524		8.00	113	0.75	0.316	0.236	74	74	2.216	0.064	5.43	351	60	14	17/500	8.00	113	0.236	0	60	5.662	1.203	375	2	0.55	0.05		1.00		1.43	0.015	9.70	0.148		0.148	0.12	0.007	0.144	1.54	1.46			57.059	57.052	57.207	57.984	1/536
1/538	3/524		8.00	113	0.75	0.280	0.209	66	66	2.177	0.063	4.21	324	55	10	1/540	8.00	113	0.209	0	55	5.764	1.205	375	2	0.50	0.06		1.00		1.33	0.013	9.70	0.125		0.125	0.05	0.005	0.138	1.50	1.42			51.727	51.723	51.851	52.710	1/538
1/539	3/524		8.00	113	0.75	0.372	0.278	87	99	2.553	0.072	4.35	325	74	25	1/541	8.00	113	0.278	0	74	2.593	1.212	375	2	0.67	0.03		1.00		1.59	0.023	9.24	0.214		0.214	0.18	0.005	0.162	1.63	1.52			51.728	51.723	51.942	52.662	1/539
1/540	2/524		8.00	113	0.75	0.241	0.181	57	67	2.132	0.062	5.39	349	56	11	1/542	8.00	113	0.181	0	56	6.399	1.692	375	2	0.51	0.05		1.00		1.34	0.013	9.70	0.128		0.128	1.42	0.106	0.127	1.70	1.58			47.902	47.810	48.030	49.045	1/540
1/541	2/524		8.00	113	0.75	0.243	0.182	57	82	2.304	0.066	5.39	349	65	17	1/543	8.00	113	0.182	0	65	3.175	3.016	375	2	0.58	0.02		1.00		1.45	0.017	9.70	0.169		0.169	-0.11	0.042	0.119	2.14	1.97			47.806	47.810	47.975	48.974	1/541
1/542	1/524		8.00	113	0.75	0.193	0.144	45	56		0.011	1.52	260	56	0	LOST	8.00	113	0.144	0	56	5.986	1.201	375	2	0.51	0.06		1.00		1.60	0.013	9.16	0.120		0.120	0.10	0.006	0.139	1.51	1.33			45.259	45.253	45.379	46.195	1/542
1/543	1/524		8.00	113	0.75	0.300	0.224	70	87		0.035	1.54	260	87	0	1/553	8.00	113	0.224	0	87	3.071	1.206	375	2	0.79	0.03		1.00		1.73	0.032	8.47	0.271		0.271	0.25	0.008	0.177	1.70	1.52			45.261	45.253	45.531	46.199	1/543

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE

ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE STORMWATER CALCULATIONS 39% AEP STORM

JOB CODE MIR-0905
SHEET NUMBER C440
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	
1/501	2/501		8.00	252	1.00	0.254	0.254	178	178	6.76	106	72	3/501	8.00	252	0.254	0	106	19.963	6.607	375	2	0.96	0.08		1.00		1.93	0.047	7.40	0.347		0.347	4.73	1.003	0.124	3.33			61.480	60.533	61.827	62.622	1586	178	0.17	1/501
2/501	3/501	1/501	8.00	252	1.00	0.202	0.202	142	142	6.76	93	49	5/501	8.08	251	0.457	0	197	48.448	6.575	375	2	1.79	0.20		0.47	1.00	1.82	0.163	1.89	0.309		0.309	5.00	2.454	0.174	3.94			60.224	57.801	60.533	61.325	1586	142	0.12	2/501
3/501	4/501	1/501 2/501	6.00	275	1.00	0.109	0.109	84	156	6.76	60	96	1/512	8.28	249	0.566	0	247	3.715	6.771	375	2	2.23	0.02		0.23	1.00	2.95	0.255	1.04	0.264		0.264	1.98	0.074	0.197	4.19			57.537	57.463	57.801	58.076	1586	156	0.16	3/501
4/501																																								57.463	57.867				4/501
5/522	4/522		8.00	252	1.00	0.134	0.134	94	238	5.27	135	103	1/511	8.00	252	0.134	0	135	59.920	5.281	375	2	1.22	0.27		1.00		1.99	0.076	4.86	0.370		0.370	5.06	3.085	0.150	3.29			59.252	56.217	59.622	60.333	1656	238	0.15	5/522
4/522																																								56.217	57.210				4/522
9/524	8/524		8.00	252	1.00	0.186	0.186	130	130	5.99	91	39	8/524	8.00	252	0.186	0	91	42.005	5.588	375	2	0.82	0.19		1.00		1.60	0.035	6.55	0.226		0.226	2.97	1.306	0.119	3.01			62.565	61.316	62.792	64.041	1631	130	0.11	9/524
8/524	7/524	1/534 9/524	8.00	252	1.00	0.179	0.179	125	164	2.37	164	0	1/536	8.08	251	0.603	0	277	19.992	0.400	375	2	2.50	0.33		0.59	1.00	3.57	0.320	1.62	0.520		0.520	2.49	0.497	0.375	2.50			60.796	60.299	61.316	61.640	1929	164		8/524
7/524	6/524	1/534 9/524 8/524												8.41	248	0.603	0	271	69.003	4.780	375	2	2.45	0.33		0.00	1.00	1.18	0.307	0.22	0.067		0.067	3.62	2.509	0.233	3.76			60.232	57.736	60.299	61.587				7/524
6/524	5/524	1/536 1/535 1/534 9/524 8/524												8.74	245	1.211	0	369	18.874	5.844	375	2	3.34	0.08		0.00	1.00	3.14	0.570	0.41	0.233		0.233	4.43	0.836	0.271	4.32			57.503	56.667	57.736	57.954				6/524
5/524	4/524	1/536 1/535 1/534 9/524 8/524												8.82	244	1.211	0	366	26.445	4.637	375	2	3.32	0.13		0.00	1.00	3.31	0.562	0.83	0.465	0.85	0.476	4.36	1.154	0.298	3.90			56.201	55.047	56.678	56.807				5/524
4/524	3/524	1/536 1/535 1/534 9/524 8/524												8.95	242	1.211	0	362	68.305	4.220	375	2	3.28	0.35		0.00	1.00	2.29	0.548	0.27	0.147		0.147	4.26	2.911	0.309	3.72			54.900	51.989	55.047	55.595				4/524
3/524	2/524	1/539 1/538 1/536 1/535 1/534 9/524 8/524												9.22	240	1.859	0	605	65.500	5.907	450	2	3.80	0.25		0.00	1.00	1.69	0.738	0.42	0.313		0.313	5.17	3.392	0.325	4.91			51.676	48.288	51.989	52.675				3/524
2/524	1/524	1/541 1/540 1/539 1/538 1/536 1/535 1/534 9/524 8/524												8.86	243	2.297	0	807	66.088	3.990	525	2	3.73	0.28		0.00	1.00	1.90	0.708	0.25	0.175		0.175	3.51	2.323	0.404	4.51			48.113	45.791	48.288	48.916				2/524
1/524																																								45.791	46.250				1/524
1/534	8/524		8.00	252	1.00	0.241	0.241	168	168	1.62	24	144	5/522	8.00	252	0.241	0	24	8.229	1.223	375	2	0.22	0.08		1.00		2.63	0.002	4.62	0.011		0.011	0.02	0.002	0.090	1.20			61.318	61.316	61.329	61.650	1656	168		1/534
1/535	6/524		8.00	252	1.00	0.293	0.293	205	205	5.43	65	140	1/539	8.00	252	0.293	0	65	3.210	1.705	375	2	0.59	0.03		1.00		2.96	0.018	3.89	0.069		0.069	0.14	0.005	0.138	1.76			57.741	57.736	57.809	58.016	1656	205	0.14	1/535
1/536	6/524		8.00	252	1.00	0.316	0.316	221	221	5.43	51	170	17/500	8.00	252	0.316	0	51	5.662	1.203	375	2	0.46	0.05		1.00		2.97	0.011	3.87	0.042		0.042	0.09	0.005	0.132	1.47			57.741	57.736	57.783	57.984	1656	221	0.15	1/536
1/538	3/524		8.00	252	1.00	0.280	0.280	196	196	4.21	117	79	1/540	8.00	252	0.280	0	117	5.764	1.205	375	2	1.06	0.06		1.00		2.44	0.057	5.15	0.295		0.295	0.45	0.026	0.211	1.82			52.014	51.989	52.310	52.710	1714	196	0.13	1/538
1/539	3/524		8.00	252	1.00	0.372	0.372	260	400	4.35	159	242	1/541	8.00	252	0.372	0	159	2.593	1.212	375	2	1.44	0.03		1.00		2.90	0.105	4.03	0.423		0.423	0.82	0.021	0.260	1.94			52.010	51.989	52.433	52.662	1714	400	0.21	1/539
1/540	2/524		8.00	252	1.00	0.241	0.241	169	248	5.39	91	157	1/542	8.00	252	0.241	0	91	6.399	1.692	375	2	0.82	0.05		1.00		2.13	0.034	6.46	0.223		0.223	0.27	0.017	0.165	1.93			48.306	48.288	48.528	49.045	1656	248	0.16	1/540
1/541	2/524		8.00	252	1.00	0.243	0.243	170	412	5.39	136	275	1/543	8.00	252	0.243	0	136	3.175	3.016	375	2	1.23	0.02		1.00		2.74	0.078	4.37	0.340		0.340	0.60	0.020	0.179	2.62			48.309	48.288	48.649	48.974	1656	412	0.21	1/541
1/542	1/524		8.00	252	1.00	0.193	0.193	135	292	1.52	146	145	LOST	8.00	252	0.193	0	146	5.986	1.201	375	2	1.32	0.06		1.00		3.57	0.090	3.19	0.285		0.285	0.70	0.042	0.245	1.91			45.832	45.791	46.118	46.195	2528	292		1/542
1/543	1/524		8.00	252	1.00	0.300	0.300	210	1792	1.54	146	1646	1/553	8.00	252	0.300	0	146	3.071	1.206	375	2	1.32	0.03		1.00		3.30	0.089	3.47	0.309		0.309	0.69	0.021	0.244	1.92			45.812	45.791	46.121	46.199	2528	1792		1/543

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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: LAURA CLIFFORD
PROJECT DIRECTOR: PATRICK BRADY RPEQ 7112

SCALE

ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: STORMWATER CALCULATIONS 1% AEP STORM

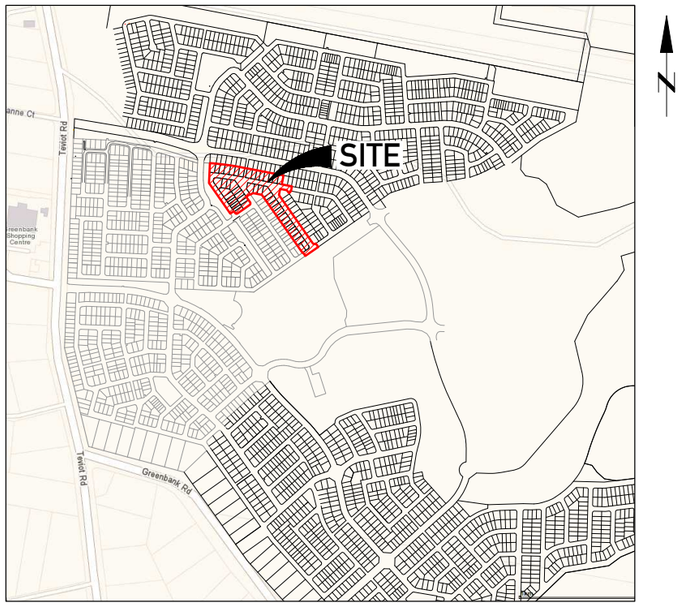
JOB CODE: MIR-0905
SHEET NUMBER: C441
REV: B

EVERLEIGH PRECINCT 9.5 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 9.5 SUBDIVISION DEVELOPMENT
SUBDIVIDER		Mirvac QLD Pty Ltd
APPLICATION No.		DEV 2020/1160
SP DELEGATE APPROVAL DATE		26/08/21
COUNCIL DA APPROVAL No.		-
DRAWING/PLAN No.		C510 - C511
No. OF ALLOTMENTS		52
AREA ha		3.52ha
LENGTH OF SEWERS	DN150 uPVC SN8	1159.5m
	DN225 uPVC SN8	170m

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 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.

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		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
17/12/2021	A	ISSUED 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 ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

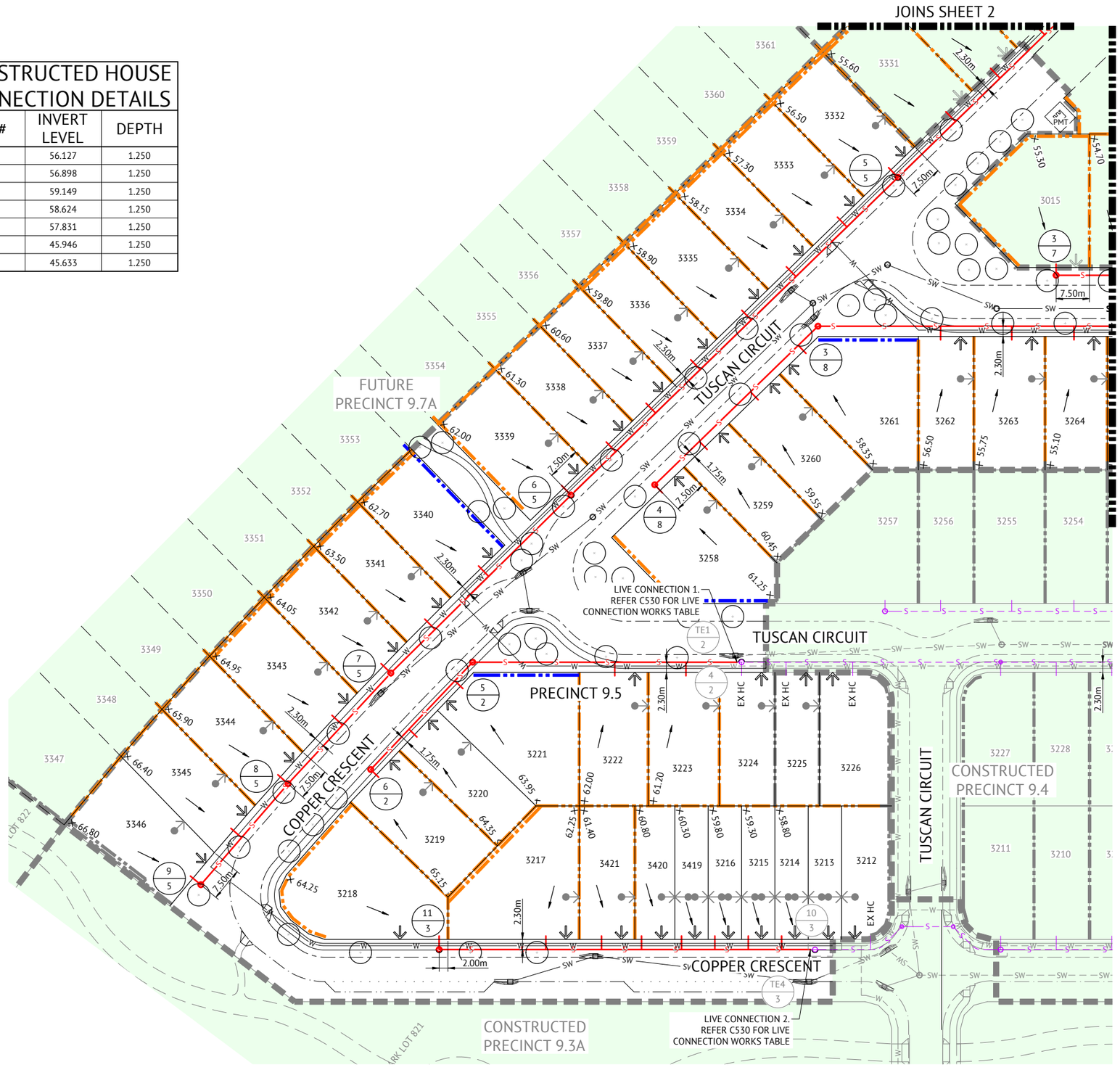
SCALE
0 200 400 600m
SCALE 1:10000 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE LOCALITY PLAN & NOTES

JOB CODE MIR-0905
SHEET NUMBER C500
REV B

CONSTRUCTED HOUSE CONNECTION DETAILS

LOT #	INVERT LEVEL	DEPTH
3212	56.127	1.250
3213	56.898	1.250
3224	59.149	1.250
3225	58.624	1.250
3226	57.831	1.250
3242	45.946	1.250
3243	45.633	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).
- 38 — LOT NUMBER
- SW — STORMWATER DRAINAGE
- W — DRINKING WATER MAIN
- E — ELECTRICAL (PROPOSED)
- ZERO LOT LINE
- FUTURE DRIVEWAY LOCATION
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- PROPOSED CONCRETE FOOTPATH & KERB RAMP
- PMT — PAD MOUNTED TRANSFORMER
- FALL ARROW
- STAGE BOUNDARY

LEGEND - CONSTRUCTED

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

FOR SEWERAGE RETICULATION NOTES REFER DWG No. C500.

ALL PROPERTY CONNECTIONS DIA 100 PVC UNLESS OTHERWISE DENOTED.

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.

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
11/11/2022	C	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	B	UPDATED STAGE BOUNDARY ADJACENT LOT 3015	KK	PB
17/12/2021	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

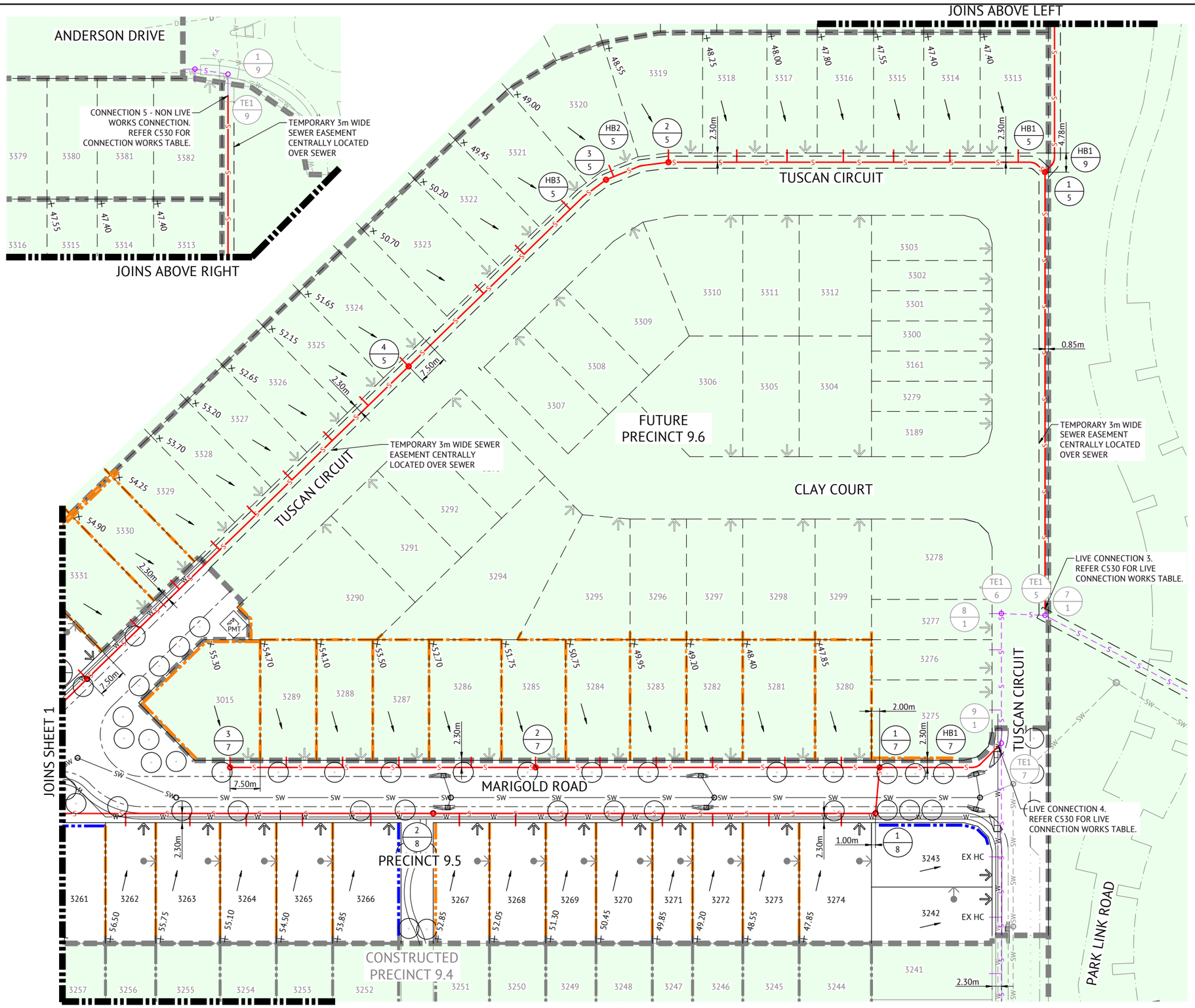
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED: KLYNT KIWANG
CHECKED: ROBERT BARGER
PROJECT MANAGER: LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: SEWERAGE LAYOUT PLAN - SHEET 1

JOB CODE: MIR-0905
SHEET NUMBER: C510
REV: C



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
- PAD MOUNTED TRANSFORMER
- FALL ARROW
- STAGE BOUNDARY

LEGEND - CONSTRUCTED

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

FOR SEWERAGE RETICULATION NOTES REFER DWG No. C500.

ALL PROPERTY CONNECTIONS DIA 100 PVC UNLESS OTHERWISE DENOTED.

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.

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.

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
11/11/2022	C	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	B	UPDATED STAGE BOUNDARY ADJACENT LOT 3015	KK	PB
17/12/2021	A	ISSUED 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

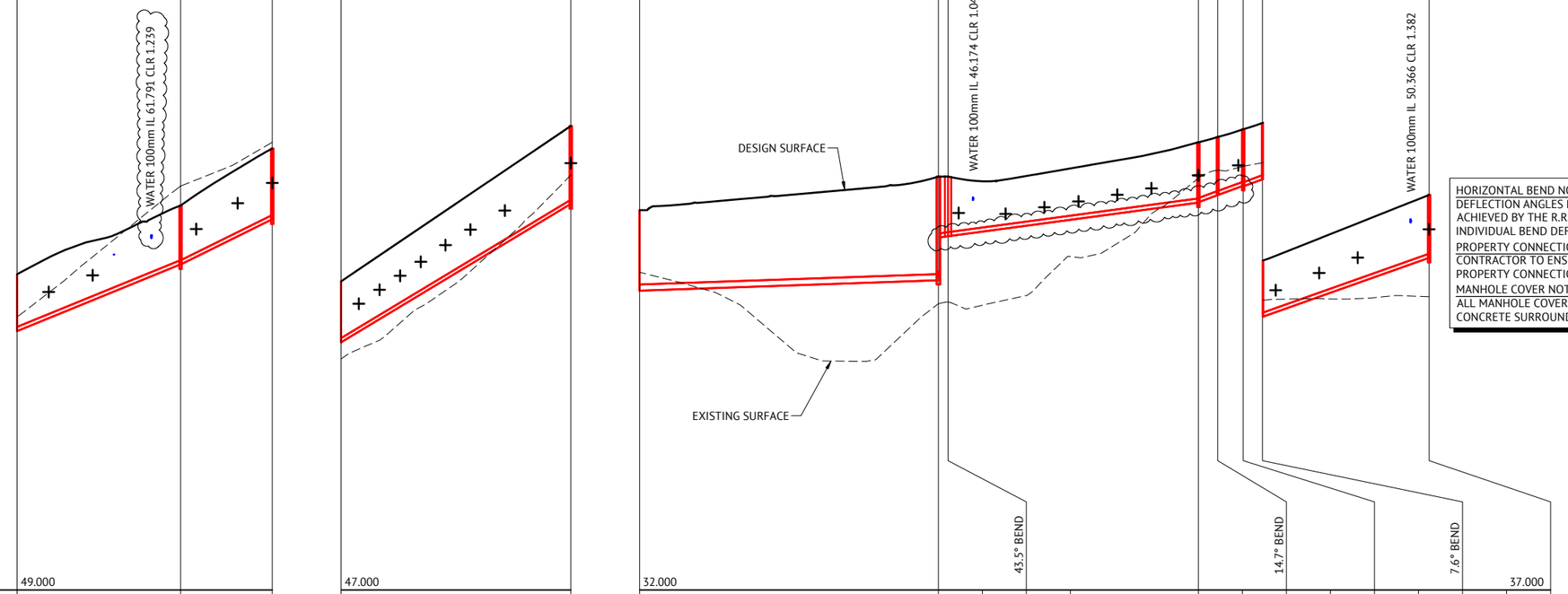
DESIGNED: KLYNT KIWANG
CHECKED: ROBERT BARGER
PROJECT MANAGER: LAURA CLIFFORD
PROJECT DIRECTOR: PATRICK BRADY RPEQ 7112

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

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: SEWERAGE LAYOUT PLAN - SHEET 2

JOB CODE: MIR-0905
SHEET NUMBER: C511
REV: C

MAINTENANCE HOLE / SHAFT NO.	TE1/2		5/2	6/2	TE4/3								11/3	TE1/5	1/5	HB1/5			2/5	HB2/5		3/5	HB3/5	4/5
MH / MS COVER TYPE			B	B									B		B				B			B		B
MH / MS TYPE	TE		J	J	TE								J	TE	A	LRB			J	LRB		J	LRB	J
MH DROP TYPE			V												X				V			V		V
LINE NO.			2												5				5			5		5
PROPERTY CONNECTION DEPTH	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.300	1.450	1.350			1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	
PROPERTY CONNECTION INVERT LEVEL	59.831	60.455	62.115	63.057	57.402	57.911	58.417	58.925	59.532	60.095	60.790	62.513			45.699	45.668	45.907	46.120	46.363	46.595	47.069	47.433	47.894	48.521	49.078	50.106		
PROPERTY CONNECTION TYPE	B	B	B	B	B	B	B	B	B	D	D	B			B	B	B	B	B	B	B	B	B	B	B	B		
LOT NO.	3223	3222	3221	3220	3214	3215	3216	3419	3420	3421	3217	3218			3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324		



LEGEND

RR DENOTES ROAD RESERVE
PP DENOTES PRIVATE PROPERTY

MANHOLE TYPES	
A	CONCRETE MANHOLE 1.0Ø
B	CONCRETE MANHOLE 1.2Ø
C	CONCRETE MANHOLE 1.5Ø
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	49.000				47.000									32.000										37.000
PROPERTY DESCRIPTION	RR				RR													RR						
PIPE SIZE (mm), CLASS	DN150 uPVC SN8				DN150 uPVC SN8									DN225 uPVC SN8				DN150 uPVC SN8						
GRADE (1 IN X)	25		21		17									290	75	75	75	75	28	28	28	28	28	28	28	28
LENGTH	59.436		33.343		83.512									108.577	2.403	1.139	1.139	89.847	6.615	0.386	0.386	8.877	6.802	0.200	0.200	60.367
EMBEDMENT TYPE	TYPE 3				TYPE 3													TYPE 3								
DEPTH OF INVERT BELOW FSL	2.066		2.144	2.124	2.582	2.213							2.849	2.927	3.769	2.213	2.185	2.166	2.132	2.195	2.165	2.114	2.112	2.108	2.065	2.045	2.045	2.045	2.295
INVERT LEVEL (IL)	58.409		60.823	60.843	62.460	56.003							61.013	42.877	43.252	44.808	44.840	44.856	44.871	46.074	46.104	46.337	46.351	46.364	46.678	46.918	46.925	46.932	49.061
FINISHED SURFACE LEVEL (FSL)	60.476		62.966		65.042	58.215							63.863	45.804	47.021	47.025	47.022	47.003	48.269	48.452	48.463	48.473	48.743	48.963	48.970	48.976	51.356		
EXISTING SURFACE LEVEL (ESL)	58.919		63.678		65.269	55.396							62.083	43.546	42.404	42.459	42.466	42.436	46.966	47.249	47.253	47.255	47.399	47.522	47.525	47.528	47.656		
CHAINAGE (CH)	5.000		**54.436**		**87.779**	0.000							**83.512**	1.000	**109.577**	**111.980**	**113.119**	**114.257**	**204.105**	**210.720**	**211.105**	**211.491**	**220.368**	**227.170**	**227.369**	**227.569**	**287.936**		
LINE	2				3									5															

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	AMENDED PROPERTY CONNECTION TYPES & WATER CROSSING DETAILS, REGRADED SEWER MAIN BET. 3/5 & 1/5	KK	PB
17/12/2021	A	ISSUED 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 ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE LONG SECTIONS - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C520
REV B

SEWERAGE LONG SECTIONS - SHEET 2

Line 5

MAINTENANCE HOLE / SHAFT NO.	4/5	5/5	6/5	7/5	8/5	9/5
MH / MS COVER TYPE	B	B	B	B	B	B
MH / MS TYPE	J	J	J	J	J	J
MH DROP TYPE	V	V	V	V	V	
LINE NO.	5	5	5	5	5	

LOT NO.	PROPERTY CONNECTION DEPTH	PROPERTY CONNECTION INVERT LEVEL	PROPERTY CONNECTION TYPE
3325	1.250	50.668	B
3326	1.250	51.161	B
3327	1.250	51.713	B
3328	1.250	52.251	B
3329	1.250	52.827	B
3330	1.250	53.509	B
3331	1.250	54.214	B
3332	1.250	55.112	B
3333	1.250	55.913	B
3334	1.250	56.740	B
3335	1.250	57.521	B
3336	1.250	58.446	D
3337	1.250	59.248	D
3338	1.250	59.934	D
3339	1.250	60.453	B
3340	1.250	60.712	B
3341	1.250	61.732	B
3342	1.250	62.640	B
3343	1.300	63.546	D
3344	1.250	64.389	B
3345	1.250	64.733	B
3346	1.250	64.979	B

Line 7

MAINTENANCE HOLE / SHAFT NO.	TE1/7	HB1/7	1/7	2/7	3/7
MH / MS COVER TYPE			B	B	B
MH / MS TYPE	TE	LRB	A	J	J
MH DROP TYPE			V (in) / V	V	
LINE NO.			8 (in) / 7	7	

LOT NO.	PROPERTY CONNECTION DEPTH	PROPERTY CONNECTION INVERT LEVEL	PROPERTY CONNECTION TYPE
3280	1.250	46.357	B
3281	1.250	46.940	B
3282	1.250	47.797	B
3283	1.250	48.594	B
3284	1.300	49.397	B
3285	1.300	50.390	B
3286	1.251	51.297	D
3287	1.250	52.073	D
3288	1.250	52.633	B
3289	1.250	53.216	B
3015	1.250	53.844	B

Line 8

MAINTENANCE HOLE / SHAFT NO.	1/7	1/8
MH / MS COVER TYPE	B	B
MH / MS TYPE	A	J
MH DROP TYPE	V / V	V
LINE NO.	8 / 7	8

LEGEND

RR DENOTES ROAD RESERVE
PP DENOTES PRIVATE PROPERTY

MANHOLE TYPES	
A	CONCRETE MANHOLE 1.0Ø
B	CONCRETE MANHOLE 1.2Ø
C	CONCRETE MANHOLE 1.5Ø
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.

LINE 5

	4/5		5/5		6/5		7/5		8/5		9/5
DATUM RL	40.000		46.000		51.000						
PROPERTY DESCRIPTION				RR							
PIPE SIZE (mm), CLASS				DN150 uPVC SN8							
GRADE (1 IN X)		22		21		26		14		52	
LENGTH		111.500		102.500		56.925		33.954		30.066	
EMBEDMENT TYPE				TYPE 3							
DEPTH OF INVERT BELOW FSL	2.295 / 2.275		2.252 / 2.232		2.788 / 2.768		2.794 / 2.764		2.035 / 2.005		2.022
INVERT LEVEL (IL)	49.061 / 49.081		54.110 / 54.130		58.915 / 58.935		61.096 / 61.126		63.595 / 63.625		64.207
FINISHED SURFACE LEVEL (FSL)	51.356		56.362		61.703		63.890		65.631		66.229
EXISTING SURFACE LEVEL (ESL)	47.656		54.415		62.265		65.186		67.053		68.440
CHAINAGE (CH)	287.936		399.436		501.936		558.861		592.815		622.881

LINE 7

	TE1/7				HB1/7				1/7		2/7		3/7
DATUM RL	35.000										40.000		
PROPERTY DESCRIPTION										RR			
PIPE SIZE (mm), CLASS										DN150 uPVC SN8			
GRADE (1 IN X)		31		31		31		31		21		21	
LENGTH		6.261		1.178		1.178		23.044		85.527		76.000	
EMBEDMENT TYPE										TYPE 3			
DEPTH OF INVERT BELOW FSL	2.374		2.218		2.171		2.138		2.274 / 2.254		2.573 / 2.553		2.271
INVERT LEVEL (IL)	43.935		44.136		44.174		44.211		44.949 / 44.969		49.117 / 49.137		52.823
FINISHED SURFACE LEVEL (FSL)	46.309		46.354		46.344		46.349		47.222		51.690		55.094
EXISTING SURFACE LEVEL (ESL)	44.502		44.808		44.842		44.877		45.791		49.255		52.610
CHAINAGE (CH)	0.000		6.261		7.439		8.617		31.662		117.189		193.189

LINE 8

	1/7		1/8
DATUM RL	34.000		
PROPERTY DESCRIPTION		RR	
PIPE SIZE (mm), CLASS		DN150 uPVC SN8	
GRADE (1 IN X)		100	
LENGTH		11.493	
EMBEDMENT TYPE		TYPE 3	
DEPTH OF INVERT BELOW FSL	2.274 / 2.194		2.122
INVERT LEVEL (IL)	44.949 / 45.028		45.143
FINISHED SURFACE LEVEL (FSL)	47.222		47.265
EXISTING SURFACE LEVEL (ESL)	45.791		46.105
CHAINAGE (CH)	0.000		11.493

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	AMENDED PROPERTY CONNECTION TYPES AND WATER CROSSING DETAILS	KK	PB
17/12/2021	A	ISSUED 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 ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

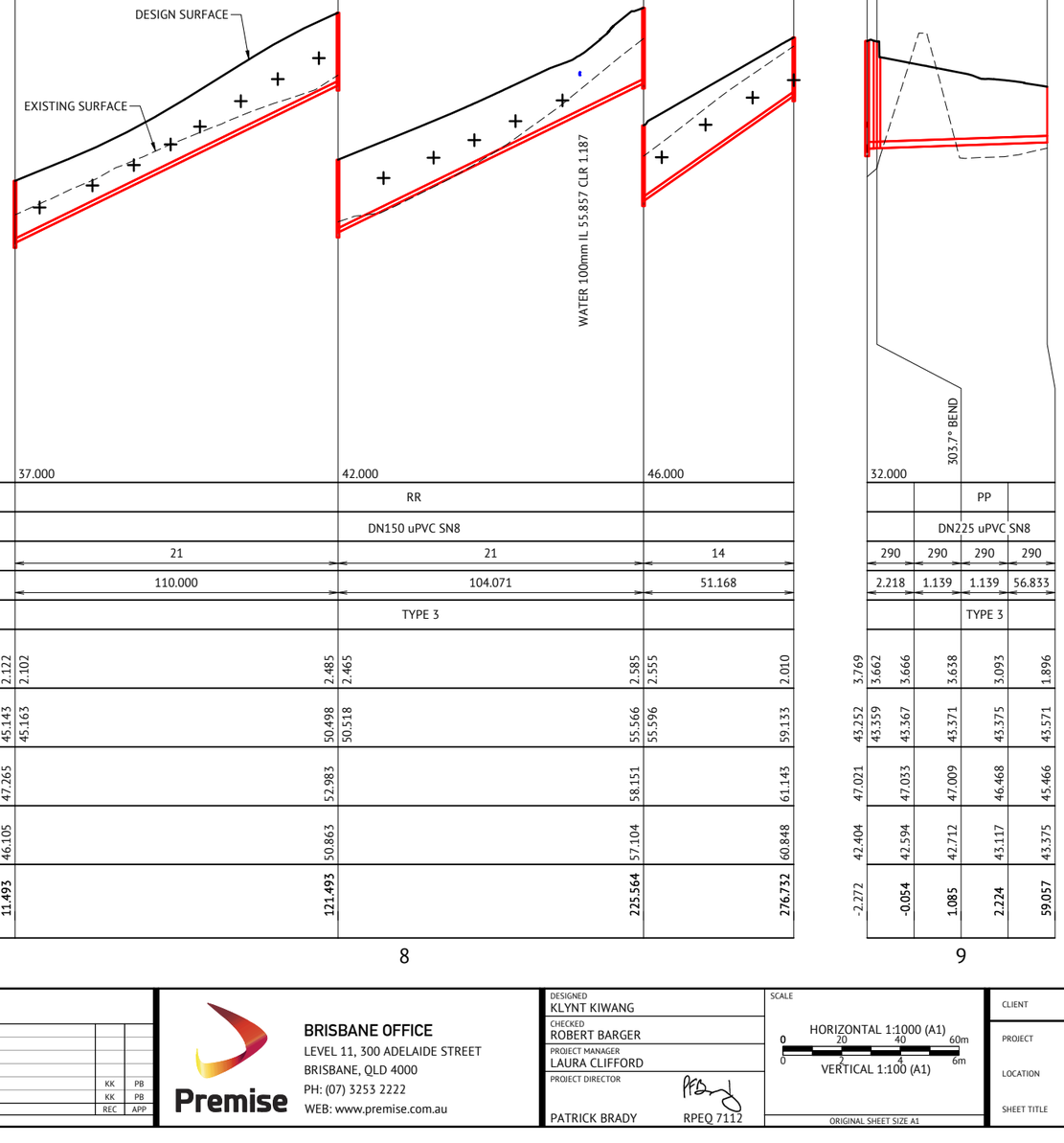
SCALE
HORIZONTAL 1:1000 (A1) 0 20 40 60m
VERTICAL 1:100 (A1) 0 2 4 6m
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE LONG SECTIONS - SHEET 2

JOB CODE MIR-0905
SHEET NUMBER C521
REV B

MAINTENANCE HOLE / SHAFT NO.	1/8								2/8					3/8				4/8	1/5		HB1/9	TE1/9
MH / MS COVER TYPE	B								B					B				B	B			
MH / MS TYPE	J								J					J				J	A		LRB	
MH DROP TYPE	V								V					V					V	X		
LINE NO.	8								8					8					9	5		
PROPERTY CONNECTION DEPTH	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.499	1.250	1.250	1.450					
PROPERTY CONNECTION INVERT LEVEL	46.355	47.107	47.800	48.502	49.110	49.975	50.728	51.440	52.359	53.052	53.650	54.297	55.003	57.067	58.174	59.095	59.693					
PROPERTY CONNECTION TYPE	B	B	B	B	B	B	B	B	B	B	B	B	B	D	B	B	B					
LOT NO.	3274	3273	3272	3271	3270	3269	3268	3267	3266	3265	3264	3263	3262	3261	3260	3259	3258					

3 TRENCHSTOPS AT 12.8m CRS
REFER SEQ-SEW-1206-1 FOR DETAILS.



LEGEND

RR DENOTES ROAD RESERVE
PP DENOTES PRIVATE PROPERTY

MANHOLE TYPES	
A	CONCRETE MANHOLE 1.0Ø
B	CONCRETE MANHOLE 1.2Ø
C	CONCRETE MANHOLE 1.5Ø
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	37.000								42.000					46.000					32.000				
PROPERTY DESCRIPTION									RR												PP		
PIPE SIZE (mm), CLASS									DN150 uPVC SN8												DN225 uPVC SN8		
GRADE (1 IN X)	21								21					14					290	290	290	290	
LENGTH	110.000								104.071					51.168					2.218	1.139	1.139	56.833	
EMBEDMENT TYPE									TYPE 3												TYPE 3		
DEPTH OF INVERT BELOW FSL	2.122	2.102						2.485	2.465				2.585	2.555				2.010	3.769	3.662	3.666	3.638	3.093	1.896
INVERT LEVEL (IL)	45.143	45.163						50.498	50.518				55.566	55.596				59.133	43.252	43.359	43.367	43.371	43.375	43.571
FINISHED SURFACE LEVEL (FSL)	47.265							52.983					58.151					61.143	47.021		47.033	47.009	46.468	45.466
EXISTING SURFACE LEVEL (ESL)	46.105							50.863					57.104					60.848	42.404		42.594	42.712	43.117	43.375
CHAINAGE (CH)	**11.493**							**121.493**					**225.564**					**276.732**	-2.272		**-0.054**	**1.085**	**2.224**	**59.057**
LINE	8																		9				

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
11/11/2022	B	AMENDED PROPERTY CONNECTION TYPES	KK	PB
17/12/2021	A	ISSUED FOR APPROVAL	KK	PB
		REVISIONS	REC	APP

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

DESIGNED KLYNT KIWANG
CHECKED ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SEWERAGE LONG SECTIONS - SHEET 3

JOB CODE MIR-0905
SHEET NUMBER C522
REV B

LIVE SEWER WORKS

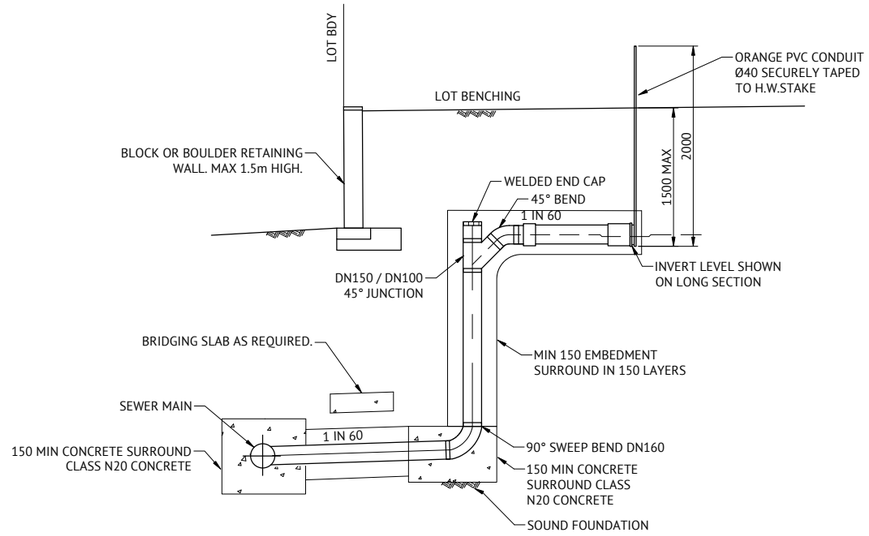
No.	DESCRIPTION	DIA. SEWER	MH NO.	MH TYPE	COVER TYPE	LOT NO.	F.S.L.	E.S.L.	I.L.	DEPTH
1(A)	0.5m FROM STUB END CAP TE1/2, CONSTRUCTOR TO LAY NEW LINE 2. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY AGENCY.	150	TE1/2	END	-	3224	60.476	58.919	58.409	2.066
1(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 2 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
2(A)	0.5m FROM STUB END CAP TE4/3, CONSTRUCTOR TO LAY NEW LINE 3. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY AGENCY.	150	TE4/3	END	-	3213	58.215	55.396	56.003	2.213
2(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 3 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
3(A)	0.5m FROM STUB END CAP TE1/5, CONSTRUCTOR TO LAY NEW LINE 5. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY AGENCY.	225	TE1/5	END	-	808	45.804	43.546	42.877	2.927
3(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 5 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
4(A)	0.5m FROM STUB END CAP TE1/7, CONSTRUCTOR TO LAY NEW LINE 7. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY AGENCY.	150	TE1/7	END	-	3275	46.309	44.502	43.935	2.374
4(B)	AGENCY TO REMOVE TEMPORARY END CAP ON STUB AND LINE 7 AND MAKE LIVE CONNECTIONS AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									

NON LIVE SEWER WORKS - GENERAL WORKS BY CONTRACTOR

No.	DESCRIPTION	DIA. SEWER	MH NO.	MH TYPE	COVER TYPE	LOT NO.	F.S.L.	E.S.L.	I.L.	DEPTH
5(A)	0.5m FROM STUB END CAP TE1/9, CONSTRUCTOR TO LAY NEW LINE 9. AFTER CLEANSING, TESTING AND INSPECTING, NOTIFY SUPERINTENDENT.	225	TE1/9	END	-	3382	45.466	43.375	43.571	1.896
5(B)	CONSTRUCTOR TO REMOVE TEMPORARY END CAP ON STUB AND LINE 9 AND MAKE CONNECTION AFTER SUCCESSFUL INSPECTION BY SUPERINTENDENT.									

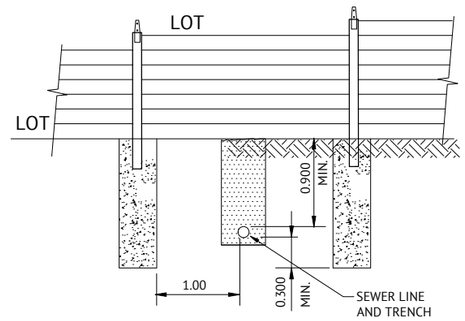
LEVELS IN THE SEWER WORKS TABLES ARE DESIGN LEVELS.
AS CONSTRUCTED INFORMATION TO BE ADDED WHEN AVAILABLE.

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.



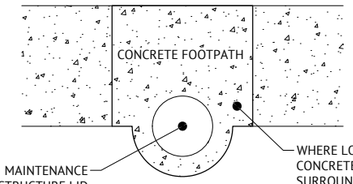
EXTENDED PROPERTY CONNECTION UNDER RETAINING WALL - TYPE D (E)

NTS



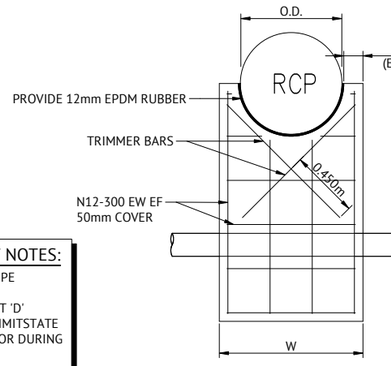
SEWER LINE CROSSING CONCRETE SLEEPER RETAINING WALL BRIDGING SLAB DETAIL

NTS

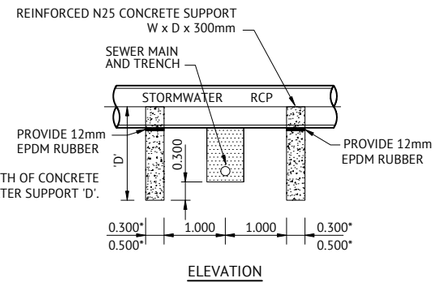


TYPICAL MAINTENANCE STRUCTURE IN CONCRETE FOOTPATH DETAIL

NTS



SECTION



ELEVATION

CONCRETE STORMWATER SUPPORT TYPICAL DETAIL

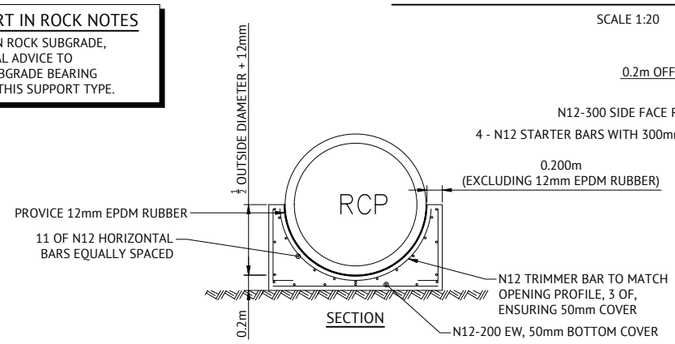
SCALE 1:20

GENERAL CONCRETE STORMWATER SUPPORT NOTES:

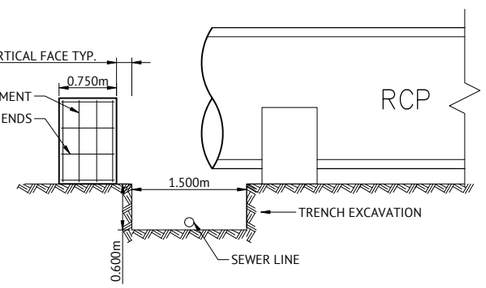
1. SUPPORTS TO BE INSTALLED WHERE STORMWATER PIPE DIAMETER IS EQUAL TO OR GREATER THAN 600mm.
2. 3m MAX DEPTH OF CONCRETE STORMWATER SUPPORT 'D'
3. DESIGN BASED ON ACHIEVING 100kPa OF ULTIMATE LIMITSTATE BEARING CAPACITY. TO BE CONFIRMED BY CONTRACTOR DURING CONSTRUCTION.
4. 0.300m* WIDTH UP TO 1050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



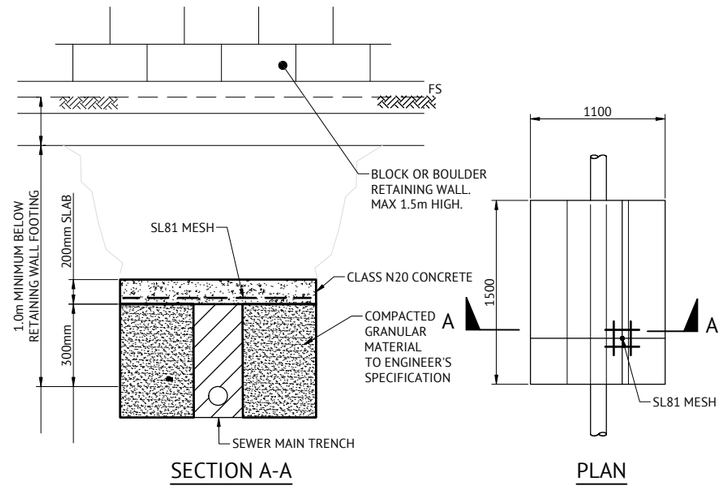
SECTION



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
R. Alzate — 01/12/2022
RAMIL ALZATE — RPEQ 19671

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
17/12/2021	A	ISSUED 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 ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: SEWERAGE NOTES AND DETAILS

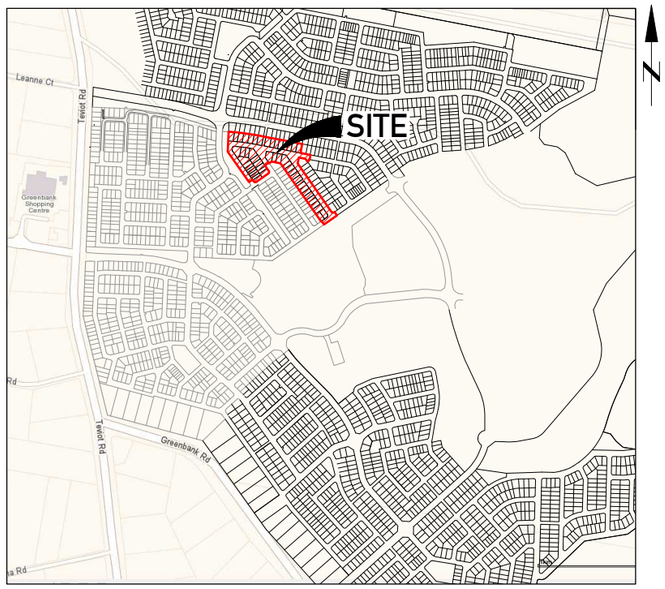
JOB CODE: MIR-0905
SHEET NUMBER: C530
REV: B

EVERLEIGH PRECINCT 9.5 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 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 CONTRACTOR IN ACCORDANCE WITH A VALID NETWORK ACCESS PERMIT UNDER LOGAN WATER SUPERVISION AT DEVELOPERS EXPENSE AT LOCATION MARKED.
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 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.

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
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
17/12/2021	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

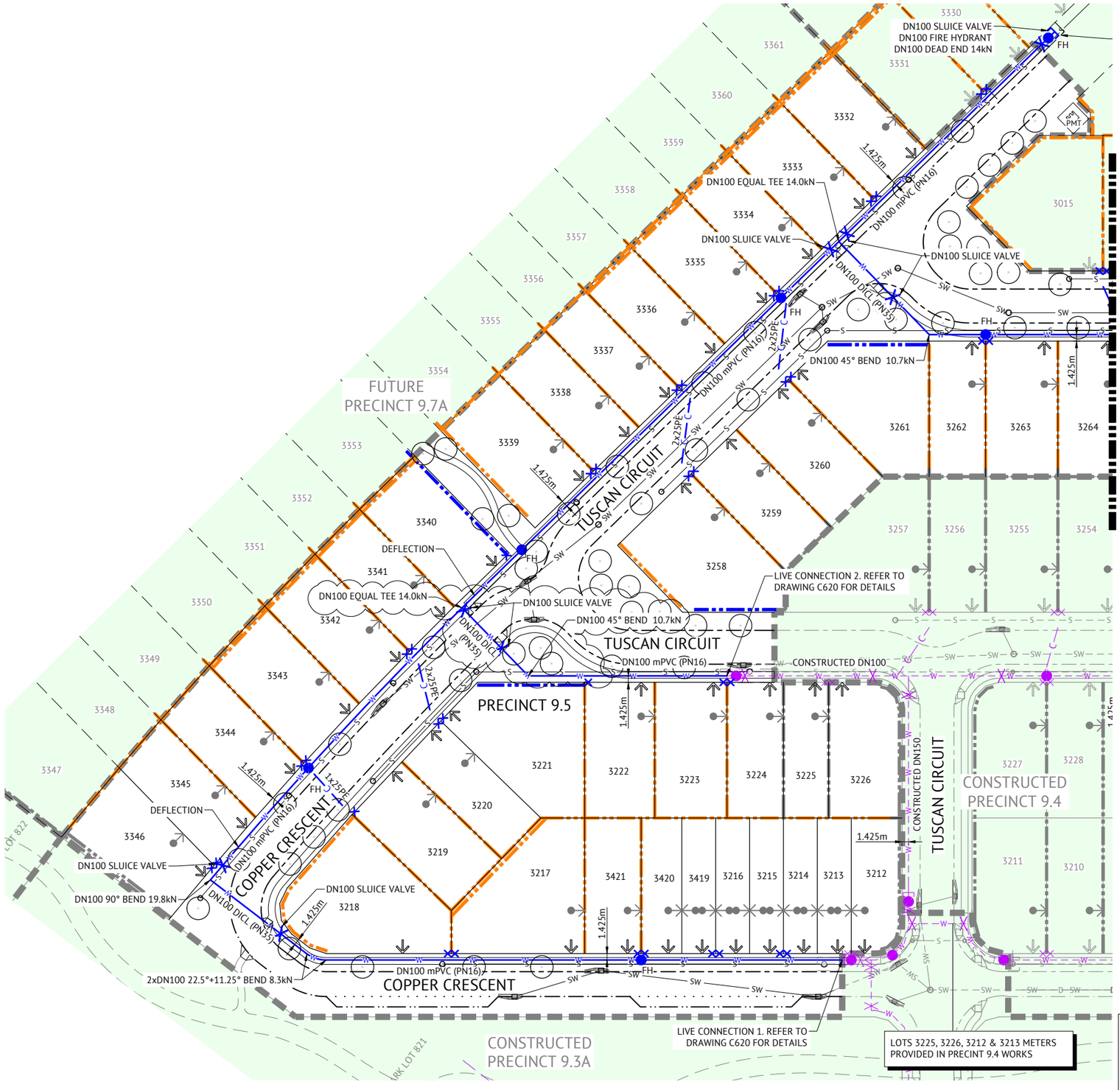
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE
0 200 400 600m
SCALE 1:10000 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE WATER RETICULATION LOCALITY PLAN & NOTES

JOB CODE MIR-0905
SHEET NUMBER C600
REV B



LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- POTABLE WATERMAIN
- DN25 PE — POTABLE WATER RETICULATION CONDUIT
- WATER SERVICES & WATER METER BOX POINT. METER BY OTHERS
- SLUICE VALVE
- FH — FIRE HYDRANT
- TEST POINT
- DEAD END
- DEFLECTION — TRUNCATIONS 5 DEGREES OR LESS
- 3260 — LOT NUMBER
- SW — STORMWATER
- S — GRAVITY SEWER
- ZERO LOT BOUNDARY
- PREFERRED DRIVEWAY LOCATION (BY OTHERS)
- PMT — PAD MOUNTED TRANSFORMER
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- SITE BOUNDARY

LEGEND - CONSTRUCTED

- WATER
- SLUICE VALVE
- FH — FIRE HYDRANT
- TEST POINT
- DEAD END
- WATER METER
- STORMWATER
- GRAVITY SEWER

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 DATE:

NAME of SIGNATORY

RPEQ No. or LICENCE

COMPANY NAME

START DATE

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	C	AMENDED ALIGNMENT AND FITTING LOCATIONS	LI	PB
12/01/2022	B	UPDATED STAGE BOUNDARY ADJACENT LOT 3015	KK	PB
17/12/2021	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

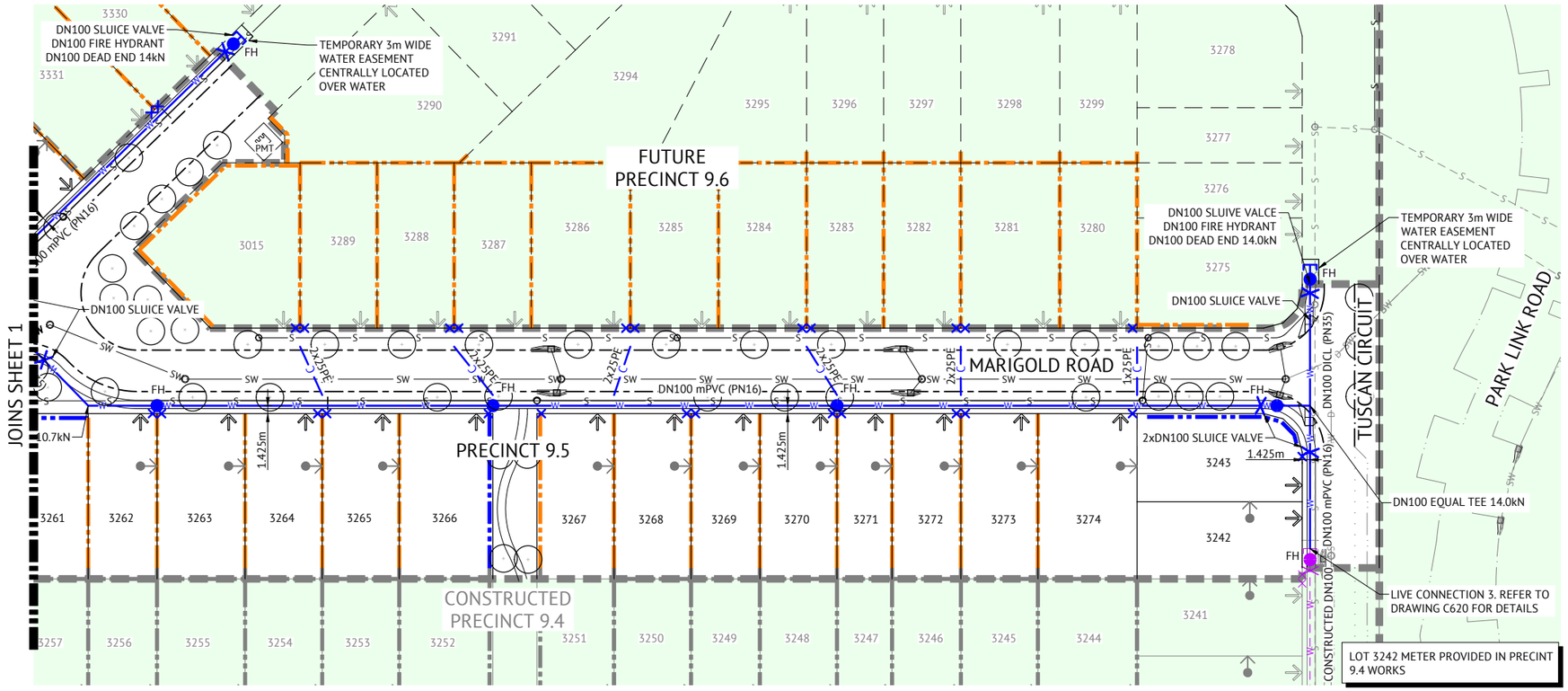
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE WATER RETICULATION LAYOUT PLAN - SHEET 1

JOB CODE MIR-0905
SHEET NUMBER C610
REV C



LAYOUT PLAN

SCALE 1:500

LEGEND - PROPOSED

- POTABLE WATERMAIN
- DN25 PE — POTABLE WATER RETICULATION 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
- GRAVITY SEWER
- ZERO LOT BOUNDARY
- PREFERRED DRIVEWAY LOCATION (BY OTHERS)
- PMT — PAD MOUNTED TRANSFORMER
- PROPOSED CONCRETE SLEEPER RETAINING WALL
- PROPOSED CONCRETE PANEL RETAINING WALL
- SITE BOUNDARY

LEGEND - CONSTRUCTED

- WATER
- SLUICE VALVE
- FIRE HYDRANT
- TEST POINT
- DEAD END
- WATER METER
- STORMWATER
- GRAVITY SEWER

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 DATE:

NAME of SIGNATORY

RPEQ No. or LICENCE

COMPANY NAME

START DATE

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	C	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	B	UPDATED STAGE BOUNDARY ADJACENT LOT 3015	KK	PB
17/12/2021	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

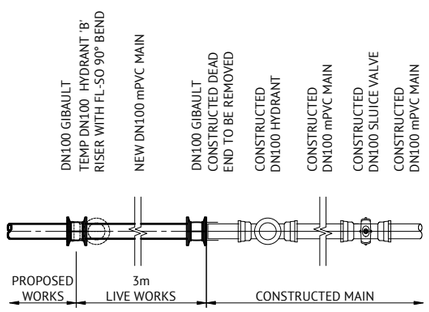
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

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

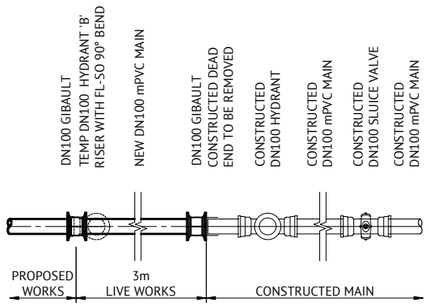
CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE WATER RETICULATION LAYOUT PLAN - SHEET 2

JOB CODE MIR-0905
SHEET NUMBER C611
REV C



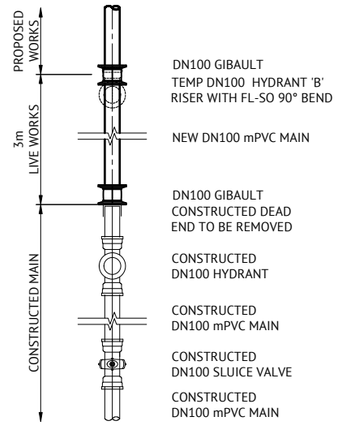
LIVE CONNECTION 1 DETAIL

SCALE 1:25



LIVE CONNECTION 2 DETAIL

SCALE 1:25



LIVE CONNECTION 3 DETAIL

SCALE 1:25

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
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
17/12/2021	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

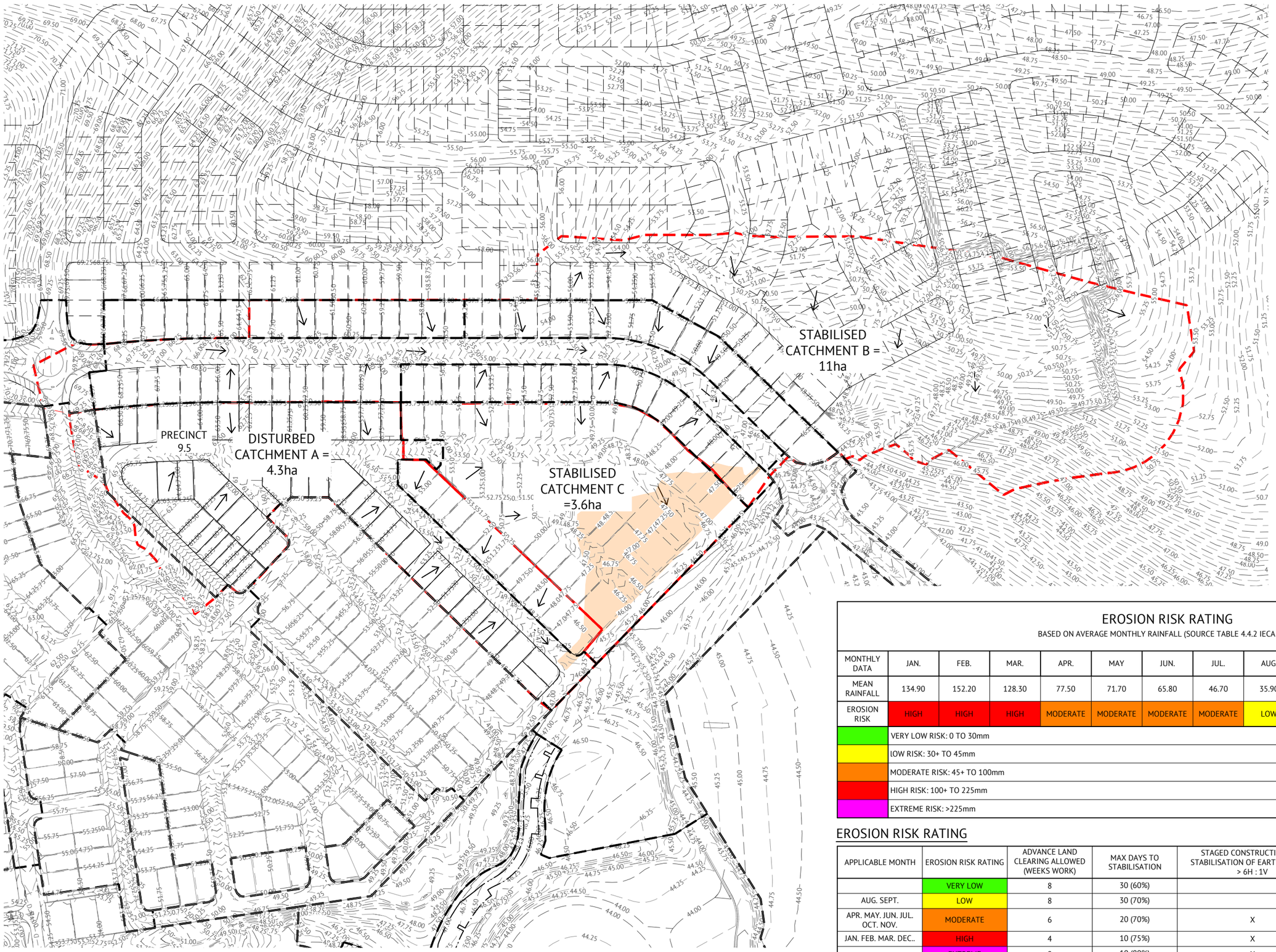
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ROBERT BARGER
PROJECT MANAGER LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE
0 0.5 1.0 1.5m
SCALE 1:25 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE WATER LIVE CONNECTION DETAILS

JOB CODE MIR-0905
SHEET NUMBER C620
REV B



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

TERRY CLARK (CPESC 6089)

NOTE:

FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

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	134.90	152.20	128.30	77.50	71.70	65.80	46.70	35.90	34.30	78.90	97.80	125.7000
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

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

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

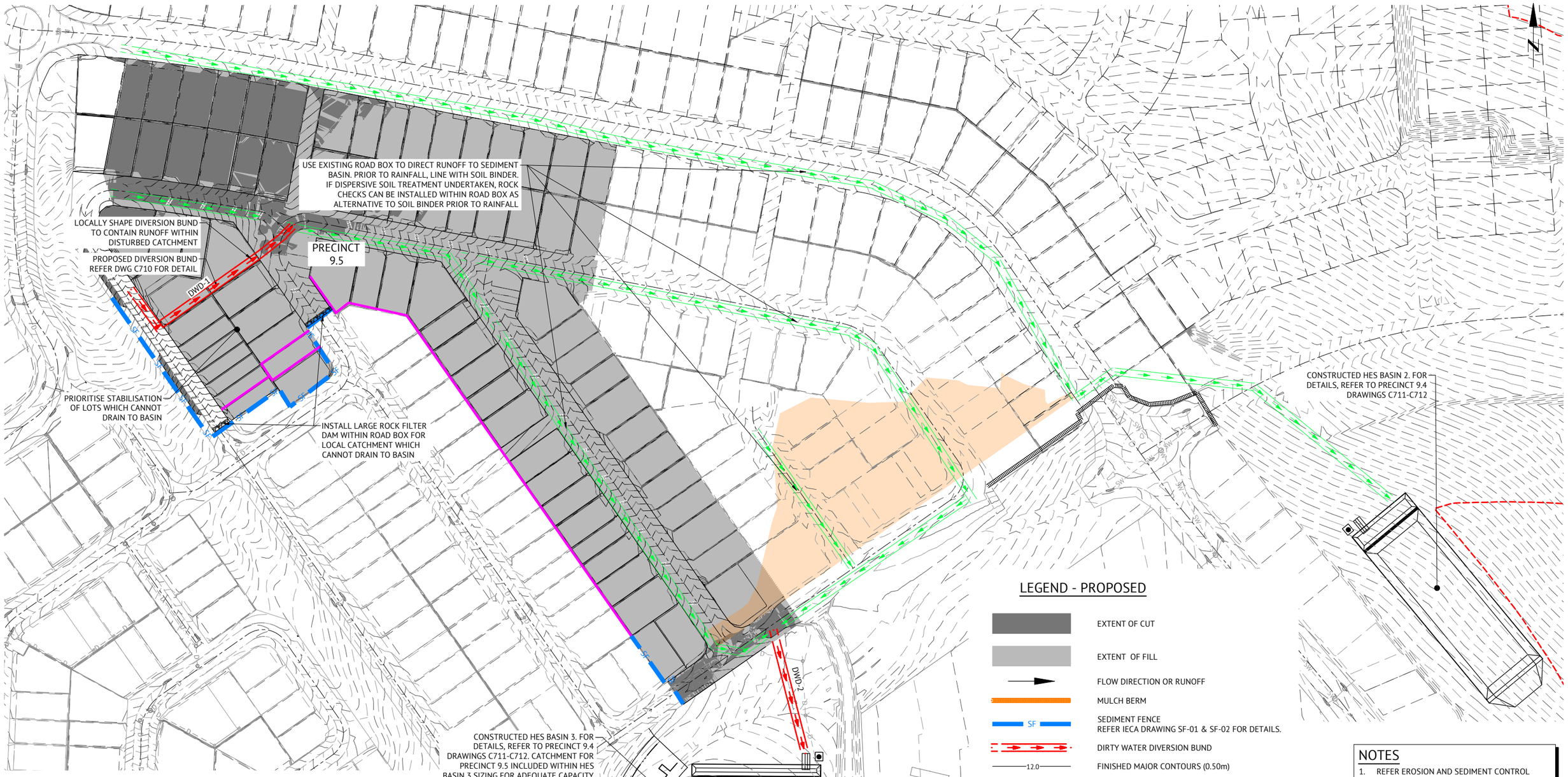
Premise
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED KLYNT KIWANG
CHECKED ANDREW LANGDON
PROJECT MANAGER ELENA FOMENKO
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE 0 30 60 90m
SCALE 1:1500 (A1)
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: OVERALL EROSION & SEDIMENT CONTROL KEY PLAN

JOB CODE: MIR-0905
SHEET NUMBER: C700
REV: B



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.

LEGEND - PROPOSED

- EXTENT OF CUT
- EXTENT OF FILL
- FLOW DIRECTION OR RUNOFF
- MULCH BERM
- SF — SEDIMENT FENCE REFER IECA DRAWING SF-01 & SF-02 FOR DETAILS.
- DIRTY WATER DIVERSION BUND
- 12.0 — FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.25m)

LEGEND - EXISTING

- 12.0 — MAJOR CONTOURS (1.00m)
- MINOR CONTOURS (0.50m)
- CONSTRUCTED WATER DIVERSION DRAIN
- CONSTRUCTED MULCH BERM
- EXISTING RETAINING WALL TO PREVENT FLOW TO CONSTRUCTED PRECINCT. CONTRACTOR TO MONITOR DURING EARTHWORKS PHASE

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.

TERRY CLARK (CPESC 6089)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 ELENA FOMENKO
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - EARTHWORK PHASE

JOB CODE MIR-0905
SHEET NUMBER C701
REV B

N

LEGEND - PROPOSED

- PROPOSED STORMWATER
- 100mm THICK TOPSOIL RESPREAD AND DRILL SEEDING. APPLY BINDER IMMEDIATELY AFTER DRILL SEEDING
- 100mm THICK TOPSOIL AND TURF
- CONTRACTOR TO ENSURE THAT AREA IS ADEQUATELY STABILISED WITH MULCH FOLLOWING DISTURBANCE INCLUDING FILLING OF ROOT BALL DEPRESSIONS TO ELIMINATE WATER PONDING.
- GULLY INLET PROTECTION. REFER DETAIL IECA DRAWING ESC-03 FOR DETAILS.
- FIELD INLET PROTECTION. REFER DETAIL IECA DRAWING ESC-02 FOR DETAILS.
- FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.25m)

LEGEND - EXISTING

- MAJOR CONTOURS (1.00m)
- MINOR CONTOURS (0.50m)

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.
4. FOR STABILISATION MEASURES OF FUTURE PRECINCTS, REFER TO MIR-0904 - C703 EROSION AND SEDIMENT CONTROL LAYOUT - STABILISATION PHASE

TURFING AND TOPSOIL NOTE

CONTRACTOR SHALL RESPREAD AMELIORATED TOPSOIL (AMELIORATION REQUIREMENTS AS DIRECTED BY SUPERINTENDENT) TO VERGES AT A THICKNESS OF 100mm. TURFING TO VERGES WITHIN PRECINCT 9.5 WORKS SHALL BE UNDERTAKEN BY THE CIVIL CONTRACTOR.

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

TERRY CLARK (CPESC 6089)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 ELENA FOMENKO
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 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - STABILISATION PHASE

JOB CODE MIR-0905
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:

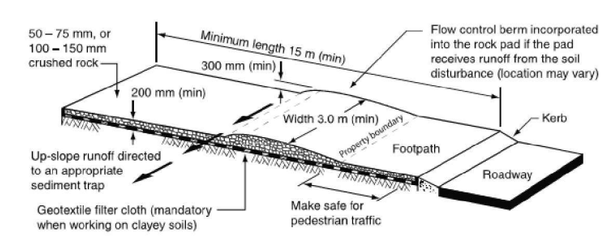
- AT LEAST DAILY (WHEN WORK IS OCCURRING ON SITE).
- AT LEAST WEEKLY (WHEN WORK IS NOT OCCURRING ON SITE).
- WITHIN 24 HOURS OF EXPECTED RAINFALL.
- WITHIN 18 HOURS OF RAINFALL OCCURRING.

6. MAINTENANCE OF ESC MEASURES SHALL OCCUR TO ENSURE THEY ARE OPERATING EFFICIENTLY AND IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

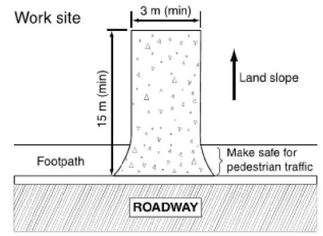
ESC MEASURES	MAINTENANCE TRIGGER	TIME FRAME FOR UNDERTAKING MAINTENANCE
ESC MEASURES	WHEN SETTLED SEDIMENT VOLUME EXCEEDS 25% OF THE CAPACITY OF THE ESC MEASURE	BY THE END OF THE DAY

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.

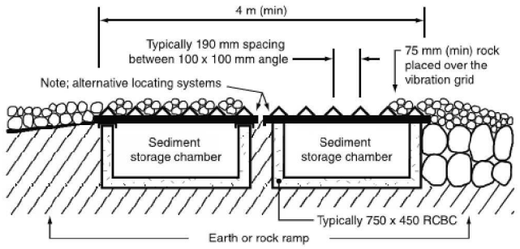
CATCH DRAIN SIZING		
	$Q_y = (C_y * I_{tc,y} * A)/360$	[Equation 1 (IECA 2008)]
where:		
Q_y	PEAK FLOW RATE (m^3/s) OF AVERAGE RECURRENCE INTERVAL (ARI) OF Y YEARS	
Cy	RUNOFF COEFFICIENT (DIMENSIONLESS) FOR ARI OF Y YEARS	
$I_{tc,y}$	AVERAGE RAINFALL INTENSITY (mm/hr) FOR DESIGN DURATION OF TC HOURS AND ARI OF Y YEARS	
A	AREA OF CATCHMENTS (ha)	
360	CONVERSION FACTOR	
FLOW HEIGHT IS SOLVED BY TRIAL AND ERROR USING THE THREE EQUATIONS BELOW AS PER IECA 2008.		
	$Q = 1/n * A * R^{2/3} * S^{1/2}$	[Equation 2 (IECA 2008)]
where:		
Q	PEAK FLOW RATE (m^3/s) OF AVERAGE RECURRENCE INTERVAL (ARI) OF Y YEARS	
n	MANNING'S COEFFICIENT (UNITLESS)	
A	CROSS SECTIONAL AREA OF FLOW (m^2), REFER TO EQUATION 3	
R	HYDRAULIC RADIUS (m), REFER TO EQUATION 4	
S	SLOPE OF ENERGY LINE, EQUAL TO SLOPE OF CHANNEL BED (m/m)	
	$A = (b + xy)y$	[Equation 3 (IECA 2008)]
where:		
A	CROSS SECTIONAL AREA OF FLOW (m^2)	
b	BASE WIDTH OF CHANNEL (m)	
x	SIDE SLOPE OF CHANNEL	
y	DEPTH OF FLOW IN CHANNEL (m) + REQURED 0.15m FREEBOARD	
	$R = ((b + xy)y) / (b + 2y(1 + x^2)^{1/2})$	[Equation 4 (IECA 2008)]
where:		
R	HYDRAULIC RADIUS OF FLOW (m)	
b	BASE WIDTH OF CHANNEL (m)	
x	SIDE SLOPE OF CHANNEL	
y	DEPTH OF FLOW IN CHANNEL (m) + REQUIRED 0.30m FREEBOARD	



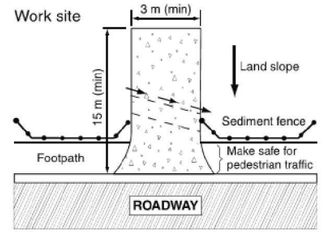
(a) Rock entry/exit pad for construction sites (refer to Standard Drawing Exit-03 for building sites)



(b) Rock pad sloping away from road

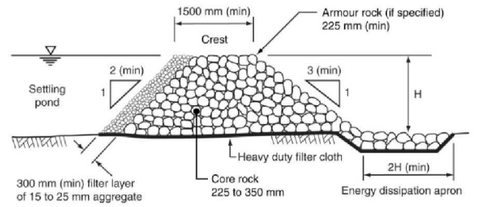


(c) Alternative low maintenance arrangement (still under development)

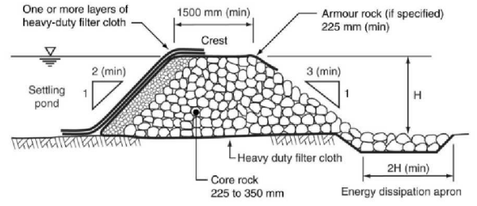


(d) Rock pad sloping towards the road

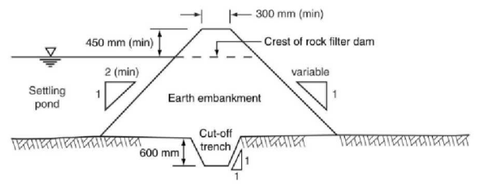
CONSTRUCTION ENTRANCE DETAIL



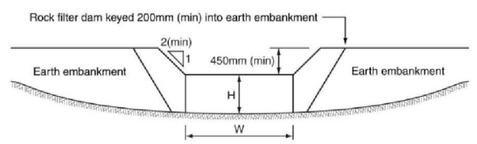
(a) Rock filter dam with aggregate filter



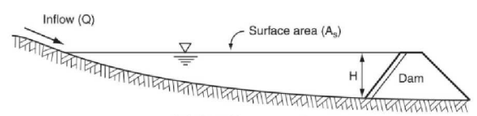
(b) Rock filter dam with geotextile and aggregate filter



(c) Typical cross-section of constructed earth abutment

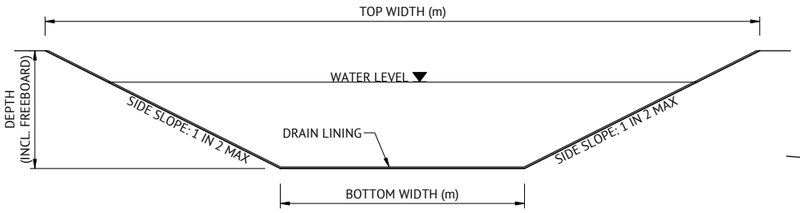


(d) Typical profile of rock filter dam crest when integrated into an earth embankment



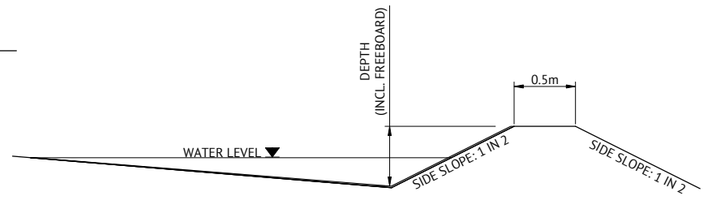
(e) Settling pond

ROCK FILTER DAM DETAIL



DIRTY WATER CATCHMENT DRAIN TYPICAL SECTION

N.T.S.



DIRTY WATER DIVERSION BUND TYPICAL SECTION

N.T.S.

DIRTY WATER CATCH DRAIN DETAILS

DRAIN ID	SLOPE	LINING	BASE WIDTH (m)	TOP WIDTH (m)	DEPTH INCLUDING FREEBOARD (m)
DWD-02	1.00%	BLACK PLASTIC	2.000	3.600	0.300

DIVERSION BUND DETAILS

DRAIN ID	SLOPE	DEPTH INCLUDING FREEBOARD (m)
DWD-01	1.00%	0.500

REFER TYPICAL SECTION ABOVE FOR DETAILS
NOTE: CATCH DRAINS SIZED FOR Q2 FLOW

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

TERRY CLARK (CPESC 6089)

FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

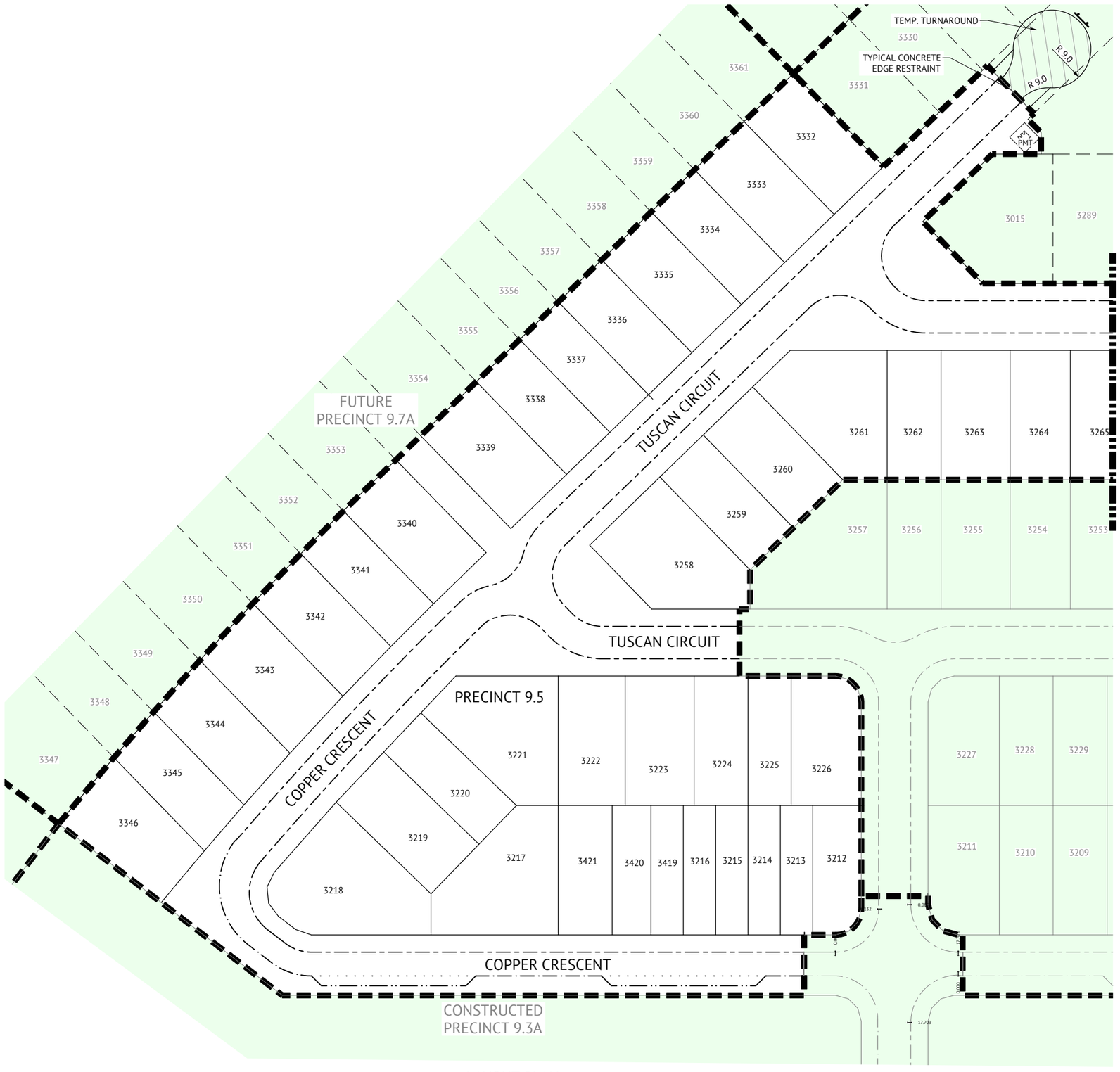
Premise

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 ELENA FOMENKO
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112
SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QLD PTY LTD
PROJECT EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

JOB CODE MIR-0905
SHEET NUMBER C710
REV B



LAYOUT PLAN

SCALE 1:500

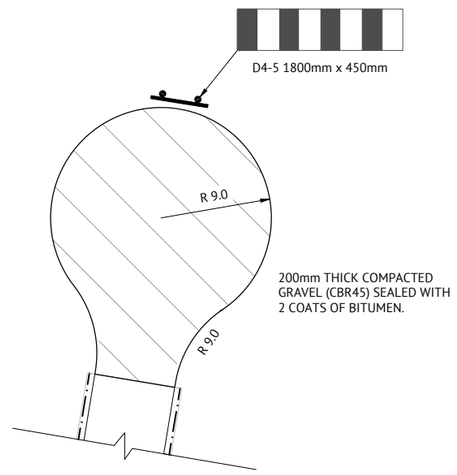
LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

NOTE

CONTRACTOR TO ENSURE THAT THE SURFACE WATER IN TURNAROUND IS DIRECTED TO KERB AND CHANNEL AND OVERLAND FLOW PATHS ARE CONSIDERED. CONTRACTOR TO NOTIFY SUPERINTENDENT SHOULD THIS CRITERIA NOT BE MET.



TYPICAL TEMPORARY TURN AROUND DETAIL

SCALE: 1:250

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED FOR APPROVAL	KK	PB

REVISIONS

Premise

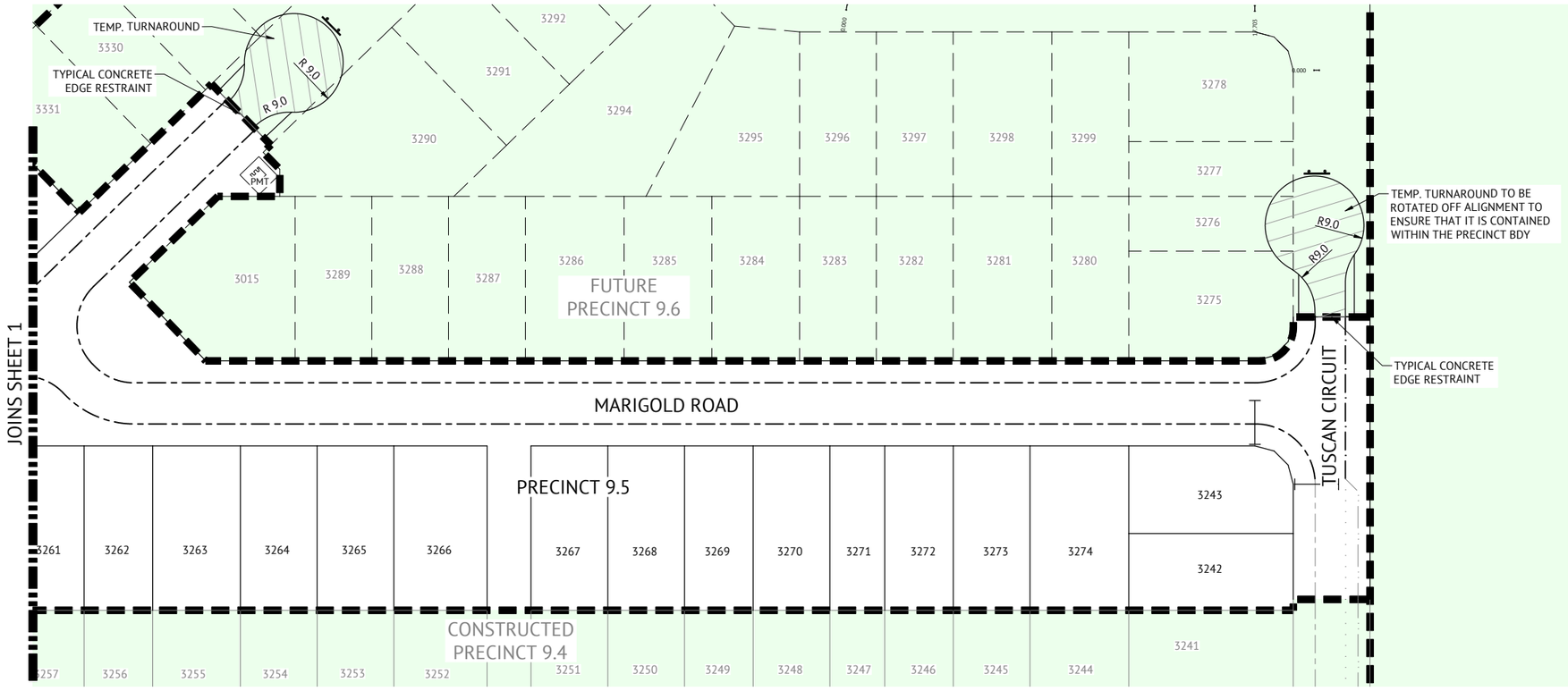
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.premise.com.au

DESIGNED: KLYNT KIWANG
CHECKED: ANDREW LANGDON
PROJECT MANAGER: LAURA CLIFFORD
PROJECT DIRECTOR: PATRICK BRADY RPEQ 7112

SCALE
0 10 20 30m
SCALE 1:500 (A1)
0 5 10 15m
SCALE 1:250 (A1)
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: TEMPORARY WORKS - ROADWORKS AND DRAINAGE - SHEET 1

JOB CODE: MIR-0905
SHEET NUMBER: C900
REV: B



LAYOUT PLAN
SCALE 1:500

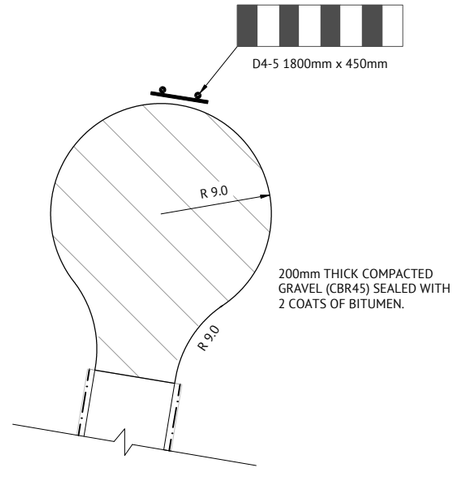
LEGEND

LOT BOUNDARIES

STAGE BOUNDARIES

NOTE

CONTRACTOR TO ENSURE THAT THE SURFACE WATER IN TURNAROUND IS DIRECTED TO KERB AND CHANNEL AND OVERLAND FLOW PATHS ARE CONSIDERED. CONTRACTOR TO NOTIFY SUPERINTENDENT SHOULD THIS CRITERIA NOT BE MET.



TYPICAL TEMPORARY TURN AROUND DETAIL
SCALE: 1:250

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
11/11/2022	B	ISSUED FOR CONSTRUCTION	LI	PB
12/01/2022	A	ISSUED 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 LAURA CLIFFORD
PROJECT DIRECTOR PATRICK BRADY RPEQ 7112

SCALE
0 10 20 30m
SCALE 1:500 (A1)
0 5 10 15m
SCALE 1:250 (A1)
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QLD PTY LTD
PROJECT: EVERLEIGH PRECINCT 9.5 SUBDIVISION DEVELOPMENT
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: TEMPORARY WORKS - ROADWORKS AND DRAINAGE - SHEET 2

JOB CODE: MIR-0905
SHEET NUMBER: C901
REV: B