EVERLEIGH PRECINCT 3
BULK EARTHWORKS
TEVIOT ROAD, GREENBANK
FOR MIRVAC QUEENSLAND PTY LTD

SHEET LIST TABLE	
SHEET NO.	SHEET TITLE
C001	COVER SHEET
C002	SAFETY IN DESIGN
C200	OVERALL BULK EARTHWORKS LAYOUT PLAN
C201	BULK EARTHWORKS LAYOUT PLAN - SHEET 1
C202	BULK EARTHWORKS LAYOUT PLAN - SHEET 2
C203	BULK EARTHWORKS LAYOUT PLAN - SHEET 3
C204	BULK EARTHWORKS LAYOUT PLAN - SHEET 4
C205	BULK EARTHWORKS LAYOUT PLAN - SHEET 5
C206	BULK EARTHWORKS LAYOUT PLAN - SHEET 6
C207	BULK EARTHWORKS LAYOUT PLAN - SHEET 7
C210	BULK EARTHWORKS NOTES AND DETAILS
C250	VEGETATION CLEARING SECTIONS & NOTES
C700	EROSION AND SEDIMENT CONTROL - RISK ASSESSMENT
C710	EROSION AND SEDIMENT CONTROL - INTERIM CATCHMENT
C711	EROSION AND SEDIMENT CONTROL - CLEAR AND GRUB
C712	EROSION AND SEDIMENT CONTROL - FINAL CATCHMENT
C713	EROSION AND SEDIMENT CONTROL - BULK EARTHWORKS
C714	EROSION AND SEDIMENT CONTROL - STABILISATION PHASE
C720	EROSION AND SEDIMENT CONTROL - BASIN NORTH DETAILS
C721	EROSION AND SEDIMENT CONTROL - BASIN SOUTH DETAILS
C740	EROSION AND SEDIMENT CONTROL - TYPICAL BASIN DETAILS
C741	EROSION AND SEDIMENT CONTROL - SPILLWAY DETAILS
C742	EROSION AND SEDIMENT CONTROL - DRAIN DETAILS
C750	EROSION AND SEDIMENT CONTROL - NOTES SHEET 1
C751	EROSION AND SEDIMENT CONTROL - NOTES SHEET 2

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

244,210m²

REAL PROPERTY DESCRIPTION

LOT 2 on SP297192

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

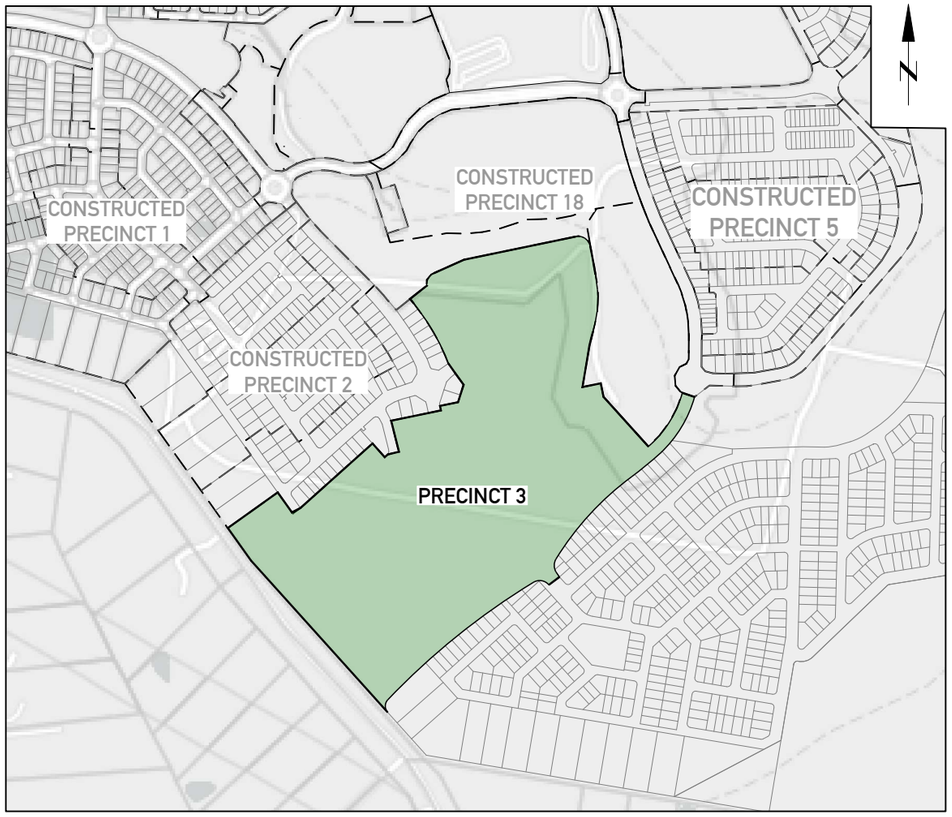
1. NO LOCATING/ POTHOLING OF EXISTING SERVICES HAS BEEN CARRIED OUT. THE CONTRACTOR IS TO DETERMINE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES WHICH AFFECT THE WORKS AND REPORT ANY POTENTIAL CLASHES TO THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.
2. THE CONTRACTOR IS RESPONSIBLE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

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

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

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE COVER SHEET

JOB CODE MIR-1700
SHEET NUMBER C001
REV A

DESIGN HAZARD NOTES:

1. AMEY, HAVING BEEN COMMISSIONED TO CARRY OUT DETAILED DESIGN AND DOCUMENTATION OF THESE WORKS, CONFIRM THAT THE AMEY 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 AMEY'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 AMEY 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	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
D2	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.

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE SAFETY IN DESIGN

JOB CODE MIR-1700
SHEET NUMBER C002
REV A

LEGEND - PROPOSED

- EXTENT OF CUT
- EXTENT OF FILL
- 12.0 — FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.25m)
- VEGETATION CLEARING LINE
- PRECINCT BOUNDARY

LEGEND - EXISTING

- 12.0 — EXISTING CONTOURS (0.50m)
- RETAINING WALL
- EXISTING VEGETATION CLEARING LINE

Not to be assessed as part of bulk earthworks operational works approval. All works contained within property boundary.

For reference only for future tie into Reconfiguring a Lot application/approval



APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

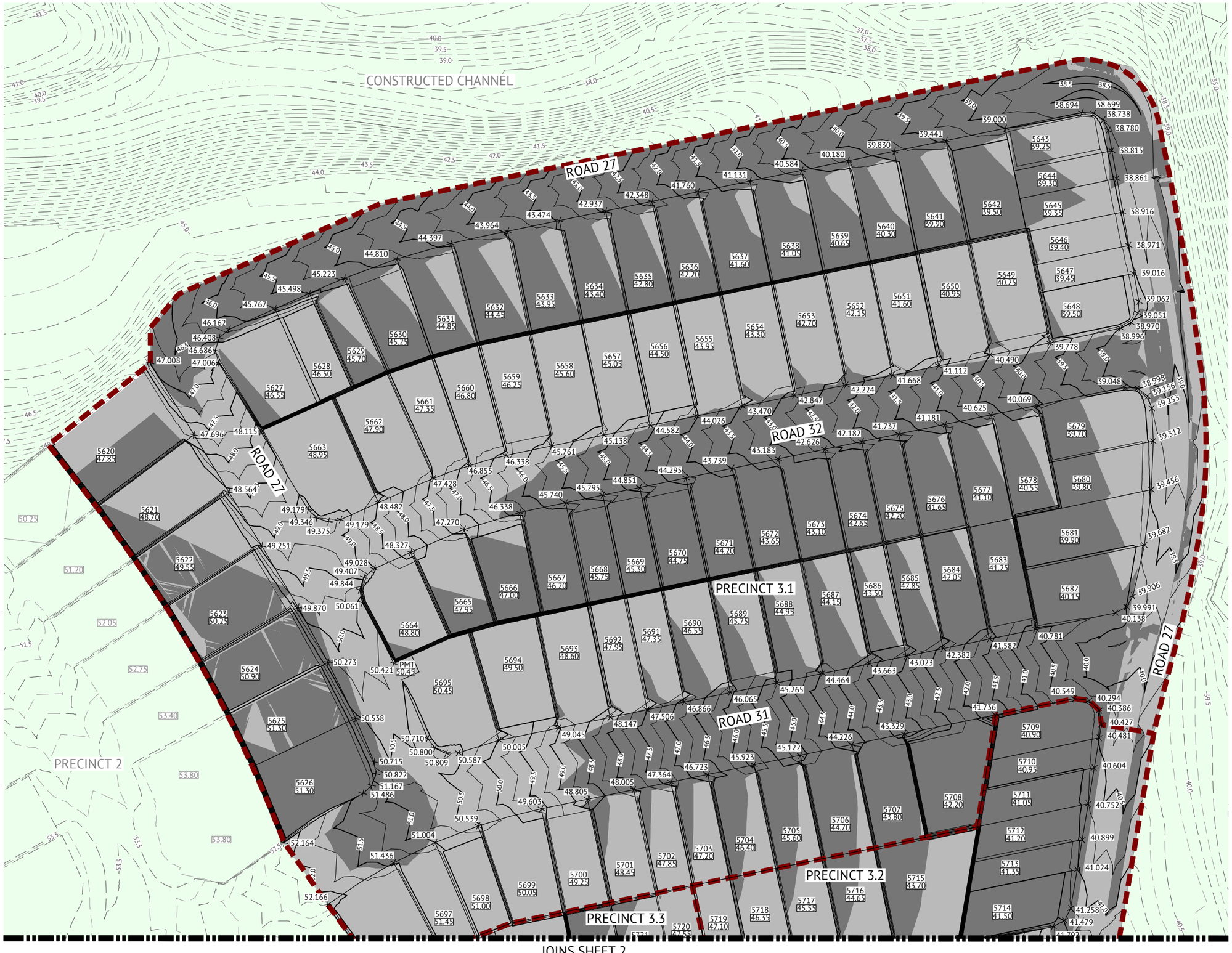
Amey
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

SCALE
0 50 100 150m
SCALE 1:2500 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE OVERALL BULK EARTHWORKS LAYOUT PLAN

JOB CODE MIR-1700
SHEET NUMBER C200
REV A



LEGEND - PROPOSED

- EXTENT OF CUT
- EXTENT OF FILL
- 12.0 — FINISHED MAJOR CONTOURS (1.00m)
- FINISHED MINOR CONTOURS (0.25m)
- 51.65 — FINISHED SURFACE LEVEL
- 58.25 — FOOTPATH SPOT LEVEL
- VEGETATION CLEARING EXTENT
- STAGE BOUNDARY

LEGEND - CONSTRUCTED

- RETAINING WALL
- 12.0 — CONTOURS (0.50m)
- SW — STORMWATER
- S — SEWER
- W — WATER
- E — ELECTRICITY
- 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.

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

DESIGNED	KLYNT KIWANG
CHECKED	ANDREW LANGDON
PROJECT MANAGER	NICK SOMERVILLE
PROJECT DIRECTOR	PATRICK BRADY RPEQ 7112
SCALE	0 10 20 30m — SCALE 1:500 (A1)
ORIGINAL SHEET SIZE	A1
CLIENT	MIRVAC QUEENSLAND PTY LTD
PROJECT	EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION	TEVIOT ROAD, GREENBANK
SHEET TITLE	BULK EARTHWORKS LAYOUT PLAN - SHEET 1
JOB CODE	MIR-1700
SHEET NUMBER	C201
REV	A

NOTES

REFER C201 FOR NOTES AND LEGEND

JOINS SHEET 1

JOINS SHEET 3

JOINS SHEET 5

JOINS SHEET 4

PRECINCT 2

PRECINCT 3.1

PRECINCT 3.2

PRECINCT 3.3

PRECINCT 3.4

PRECINCT 3.6

PRECINCT 4

CONSTRUCTED WETLAND

PARK LOT 846

ROAD 1

ROAD 18

ROAD 22

ROAD 25

ROAD 27

ROAD 28

ROAD 29

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

Amey

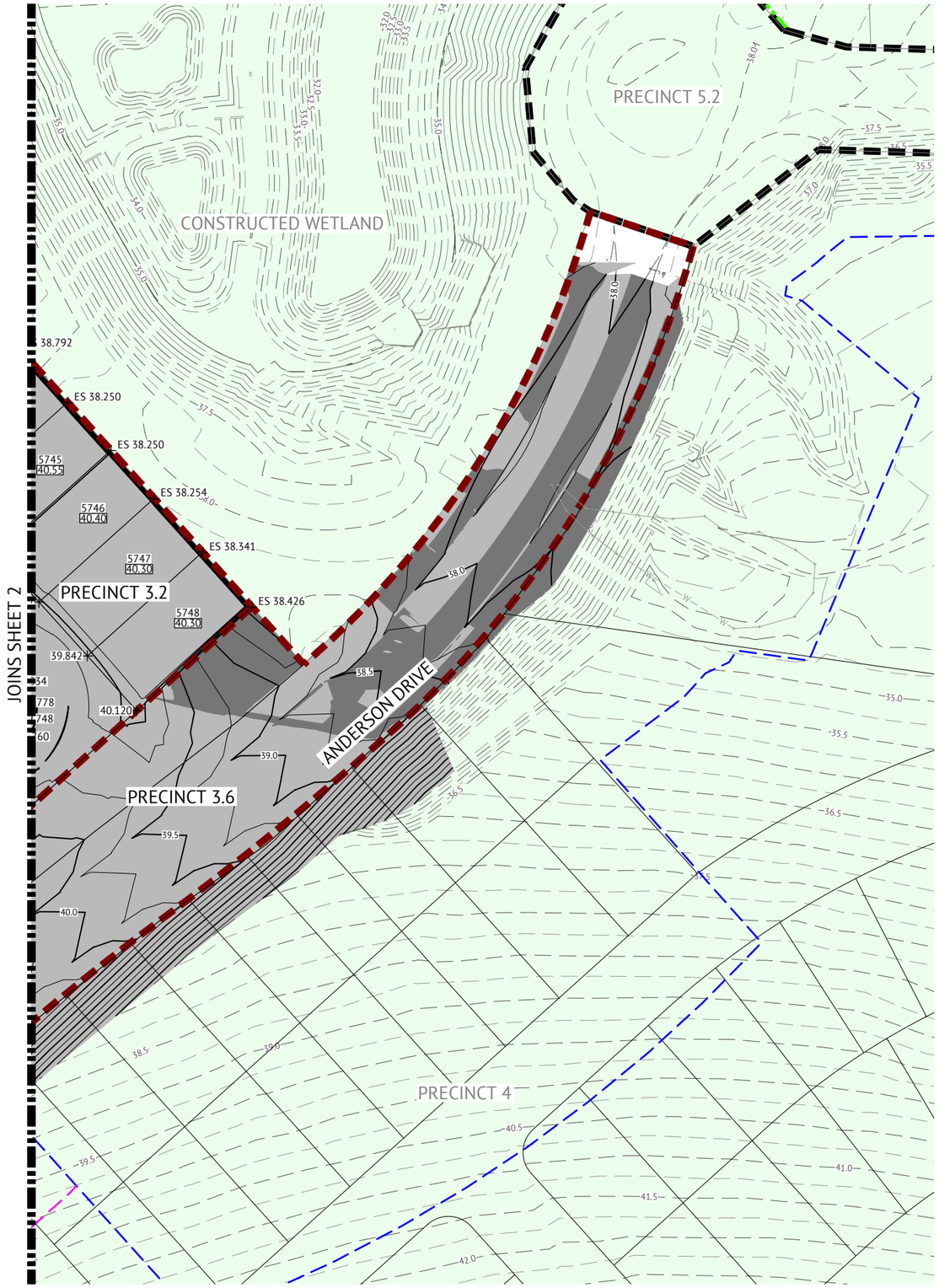
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: BULK EARTHWORKS LAYOUT PLAN - SHEET 2

JOB CODE: MIR-1700
SHEET NUMBER: C202
REV: A



NOTES

REFER C201 FOR NOTES AND LEGEND

10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB
DATE	REV	DESCRIPTION	REC	APP

REVISIONS

APPROVAL ISSUE – NOT FOR CONSTRUCTION

Amey

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

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

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

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 3

JOB CODE MIR-1700
SHEET NUMBER C203
REV A

JOINS SHEET 2

JOINS SHEET 5

JOINS SHEET 6

PRECINCT 3.3

PRECINCT 3.4

PRECINCT 3.5

PRECINCT 3.6

PRECINCT 4

ROAD 22

ROAD 1

ROAD 18

ROAD 25

ROAD 24

ROAD 30

ANDERSON DRIVE

PARK LOT 846

PMT

N

NOTES

REFER C201 FOR NOTES AND LEGEND

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

Amey

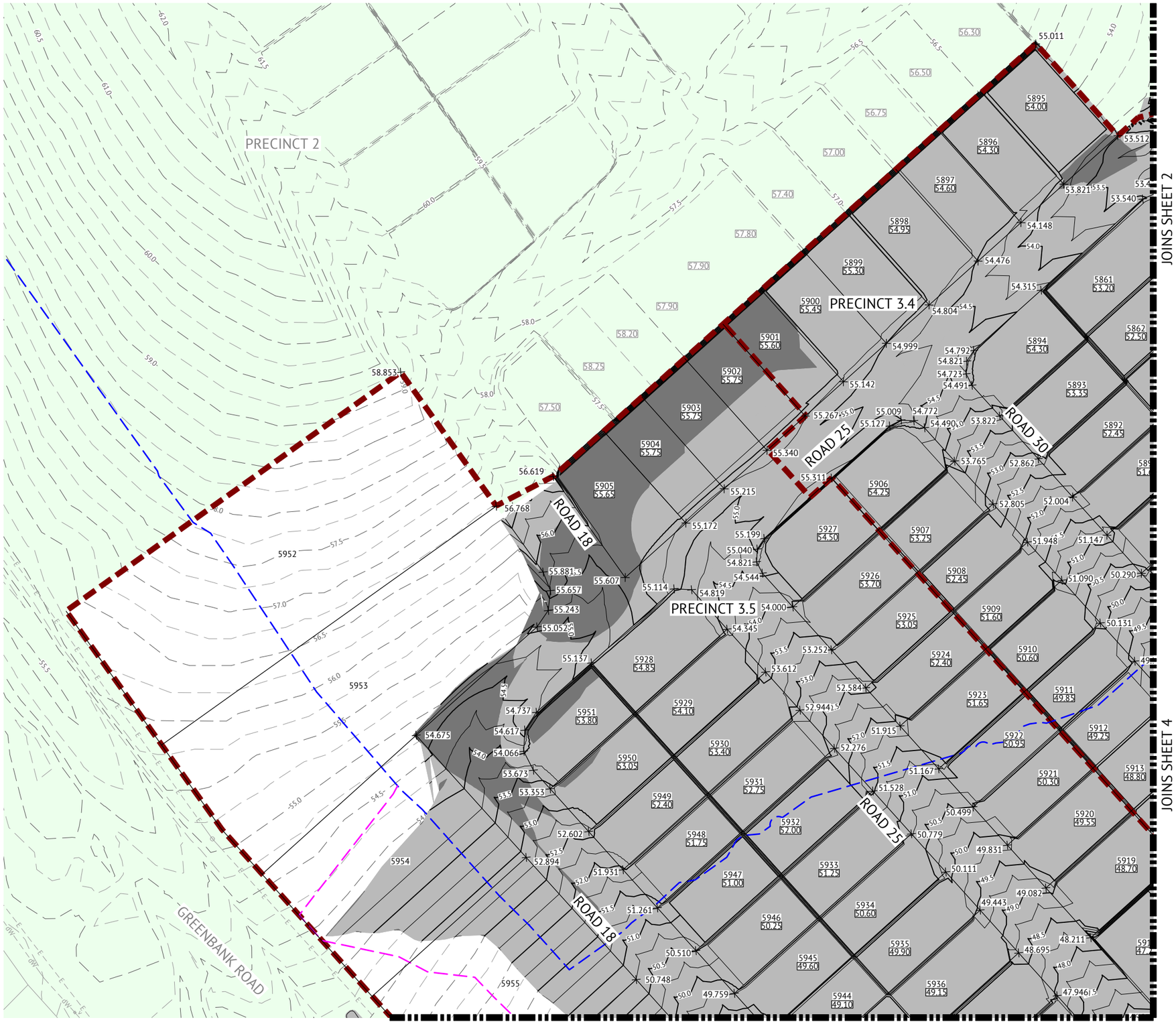
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

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

CLIENT	MIRVAC QUEENSLAND PTY LTD
PROJECT	EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION	TEVIOT ROAD, GREENBANK
SHEET TITLE	BULK EARTHWORKS LAYOUT PLAN - SHEET 4

JOB CODE: MIR-1700
SHEET NUMBER: C204
REV: A



NOTES

REFER C201 FOR NOTES AND LEGEND

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

Amey

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

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: BULK EARTHWORKS LAYOUT PLAN - SHEET 5

JOB CODE: MIR-1700
SHEET NUMBER: C205
REV: A

JOINS SHEET 5

JOINS SHEET 4

JOINS SHEET 7

N

ROAD 25

ROAD 24

ROAD 18

ROAD 18

PRECINCT 3.4

PRECINCT 3.5

PRECINCT 3.6

PRECINCT 4

ANDERSON DRIVE

GREENBANK ROAD

PARK LOT 846

PMT

Not to be assessed as part of bulk earthworks operational works approval. All works contained within property boundary.

For reference only for future tie into Reconfiguring a Lot application/approval

NOTES

REFER C201 FOR NOTES AND LEGEND

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

Amey

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

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

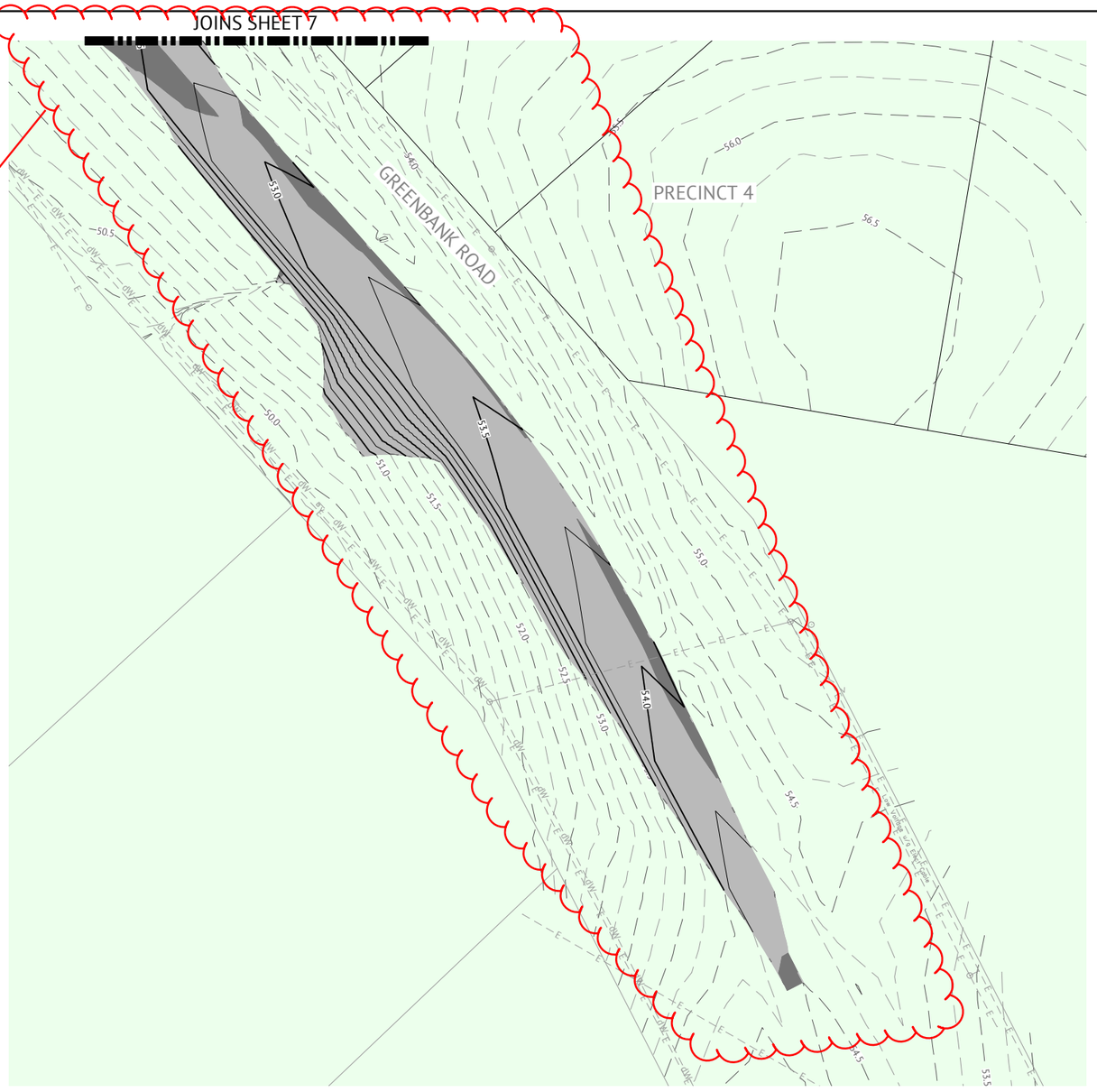
SCALE 0 10 20 30m
SCALE 1:500 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 6

JOB CODE MIR-1700
SHEET NUMBER C206
REV A

Not to be assessed as part of bulk earthworks operational works approval. All works contained within property boundary.

For reference only for future tie into Reconfiguring a Lot application/approval



NOTES
REFER C201 FOR NOTES AND LEGEND

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

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

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS LAYOUT PLAN - SHEET 7

JOB CODE MIR-1700
SHEET NUMBER C207
REV A

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)

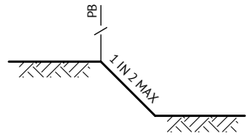
ROCK TREATMENT IN ALLOTMENTS

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.



TYPICAL SECTION FOR BATTERS BETWEEN LOTS
SCALE 1:20

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.

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

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

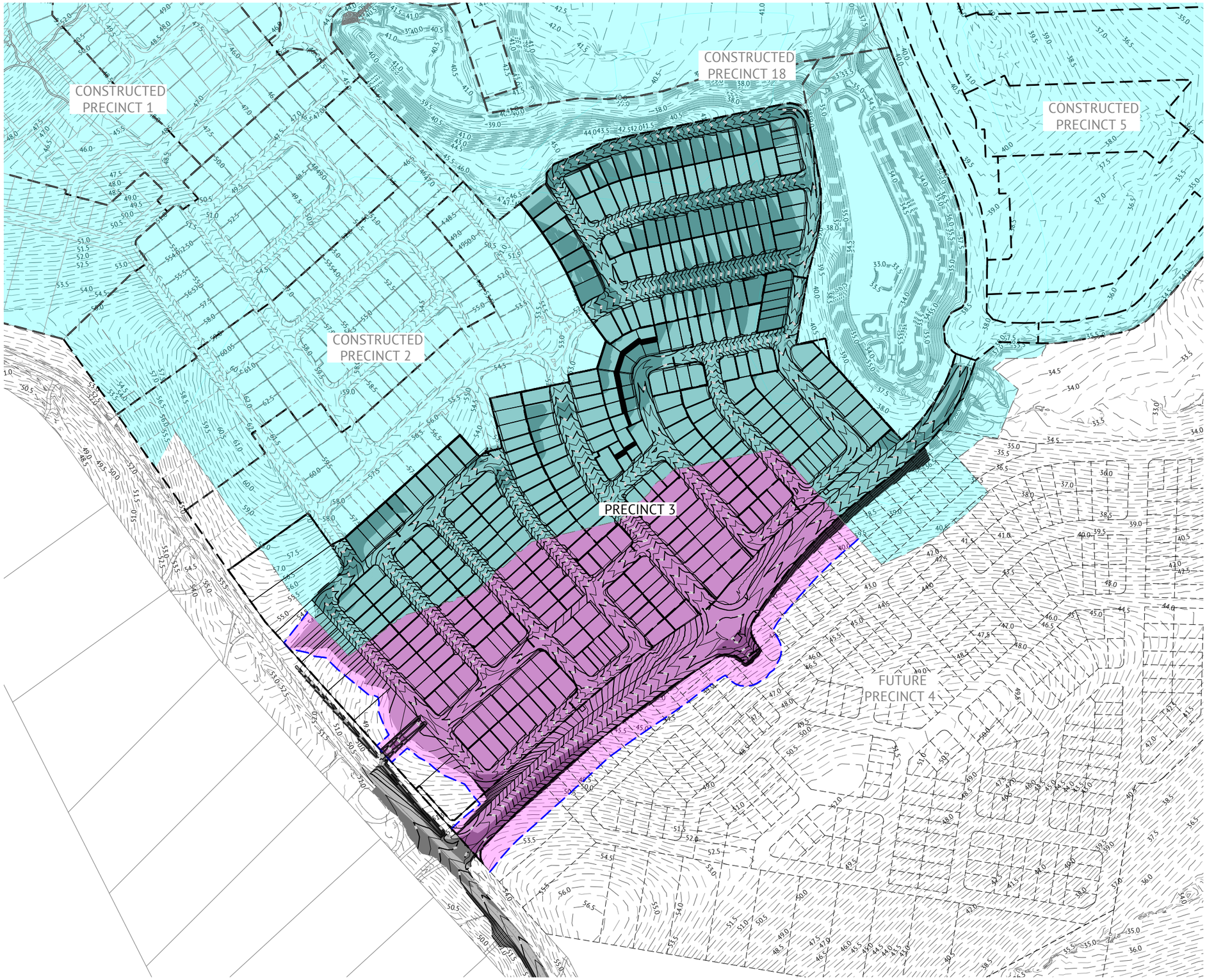
Amey
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

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

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE BULK EARTHWORKS NOTES AND DETAILS

JOB CODE MIR-1700
SHEET NUMBER C210
REV A



LEGEND

- PROPOSED CLEARING EXTENT
- CONSTRUCTED CLEARING EXTENT
- PROPOSED EXTENT OF CUT
- PROPOSED EXTENT OF FILL
- PROPOSED VEGETATION CLEARING EXTENT BOUNDARY
- 12.00 — PROPOSED MAJOR CONTOURS (1.00m)
- PROPOSED MINOR CONTOURS (0.50m)
- EXISTING MAJOR CONTOURS (1.00m)
- 12.0 — EXISTING MINOR CONTOURS (0.50m)

N

NOTE:

IF THE ISLAND OF VEGETATION IS TO BE RETAINED, THE CONTRACTOR IS TO UNDERTAKE THE FOLLOWING:

1. A FAUNA SPOTTER CATCHER TO GO THROUGH THE RETAINED VEGETATION AREA PRIOR TO COMMENCEMENT OF CLEARING THE EASTERN SIDE OF KESSELS BOULEVARD.
2. ERECT TREE PROTECTION FENCING (STAR PICKET WITH HAZARD MESH) ALONG THE CLEARING BOUNDARY SHOULD DETER GROUND DWELLING SPECIES FROM RE-ENTERING THE RETAINED VEGETATION AREA WHILE CONSTRUCTION IS OCCURING.

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

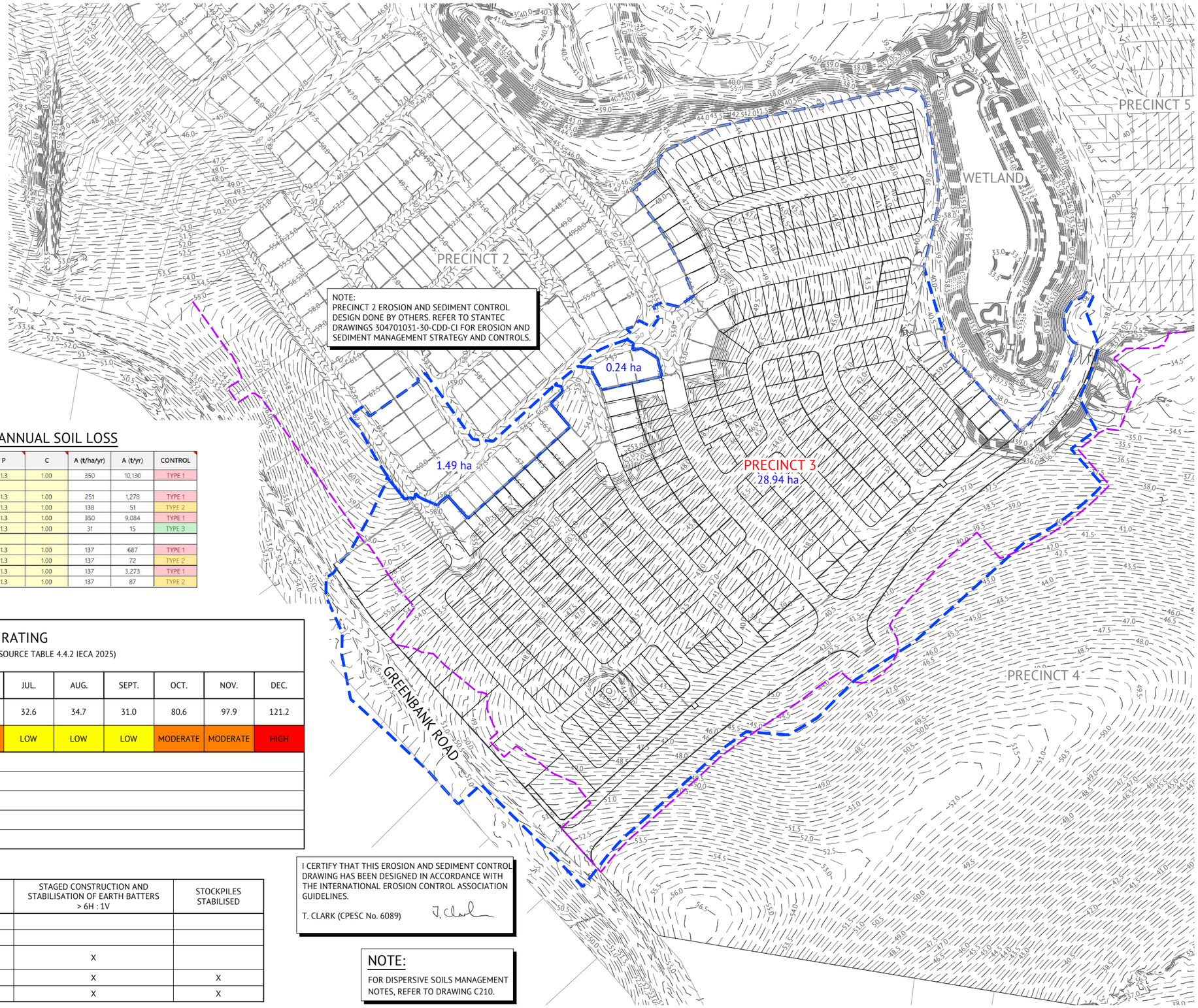
SCALE 0 50 100 150m
SCALE 1:2500 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE VEGETATION CLEARING SECTIONS & NOTES

JOB CODE MIR-1700
SHEET NUMBER C250
REV A

LEGEND

- OVERALL CATCHMENT BOUNDARY
- PRECINCT BOUNDARY
- VEGETATION CLEARING LINE
- MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)



ALL PHASES - CATCHMENT RISK ASSESSMENT - ANNUAL SOIL LOSS

CATCHMENT ID	AREA (HA)	R	K	SLOPE LENGTH (m)	SLOPE (%)	LS	P	C	A (t/ha/yr)	A (t/yr)	CONTROL
Overall	28.94	2627	0.050	80	6.5	2.05	1.3	1.00	350	10,130	TYPE 1
North Basin Interim	5.09	2627	0.050	80	5.5	1.47	1.3	1.00	251	1,278	TYPE 1
North Bypass Interim	0.37	2627	0.050	25	5.5	0.81	1.3	1.00	138	51	TYPE 2
South Basin Interim	25.95	2627	0.050	80	6.5	2.05	1.3	1.00	350	9,084	TYPE 1
South Bypass Interim	0.49	2627	0.050	10	2.0	0.18	1.3	1.00	31	15	TYPE 3
North Basin Final	5.03	2627	0.050	40	5.0	0.8	1.3	1.00	137	687	TYPE 1
North Bypass Final	0.53	2627	0.050	40	5.0	0.8	1.3	1.00	137	72	TYPE 2
South Basin Final	25.69	2627	0.050	40	5.0	0.8	1.3	1.00	137	3,273	TYPE 1
South Bypass Final	0.64	2627	0.050	40	5.0	0.8	1.3	1.00	137	87	TYPE 2

EROSION RISK RATING

BASED ON AVERAGE MONTHLY RAINFALL (SOURCE TABLE 4.4.2 IECA 2025)

MONTHLY DATA	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
MEAN RAINFALL	124.5	155.1	130.6	74.4	96.6	60.4	32.6	34.7	31.0	80.6	97.9	121.2
EROSION RISK	HIGH	HIGH	HIGH	MODERATE	MODERATE	MODERATE	LOW	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%)		
JUL. AUG. SEPT.	LOW	8	30 (70%)		
APR. MAY. JUN. OCT. NOV.	MODERATE	6	20 (70%)	X	
JAN. FEB. MAR. DEC..	HIGH	4	10 (75%)	X	X
	EXTREME	2	10 (80%)	X	X

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

T. CLARK (CPESC No. 6089)

NOTE:

FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

Amey

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

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - RISK ASSESSMENT

JOB CODE: MIR-1700
SHEET NUMBER: C700
REV: A

LEGEND - PROPOSED

- CLEAN WATER DIVERSION DRAIN/BUND
- DIRTY WATER DIVERSION DRAIN/BUND
- FLOW DIRECTION ARROW
- INTERIM CATCHMENT
- PRECINCT 2 CATCHMENT

LEGEND - EXISTING

- MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)

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. THE CONSTRUCTION SITE ENTRANCE ROCK SHAKER PAD LOCATION TO BE DETERMINED BY THE SITE FOREMAN AND CONFIRMED BY SITE SUPERINTENDENT. LOCATION TO BE MARKED UP ON ESC PLANS ONCE CONFIRMED.
4. E&SC PLANS ARE A LIVE DOCUMENT AND THE CONTRACTOR IS TO MONITOR WEATHER THROUGHOUT THE CONSTRUCTION PERIOD AND MAINTAIN UP-TO-DATE PLANS.

NOTE:

REFER TO DWG C742 FOR DRAIN SIZING AND DETAILS.

NOTE:

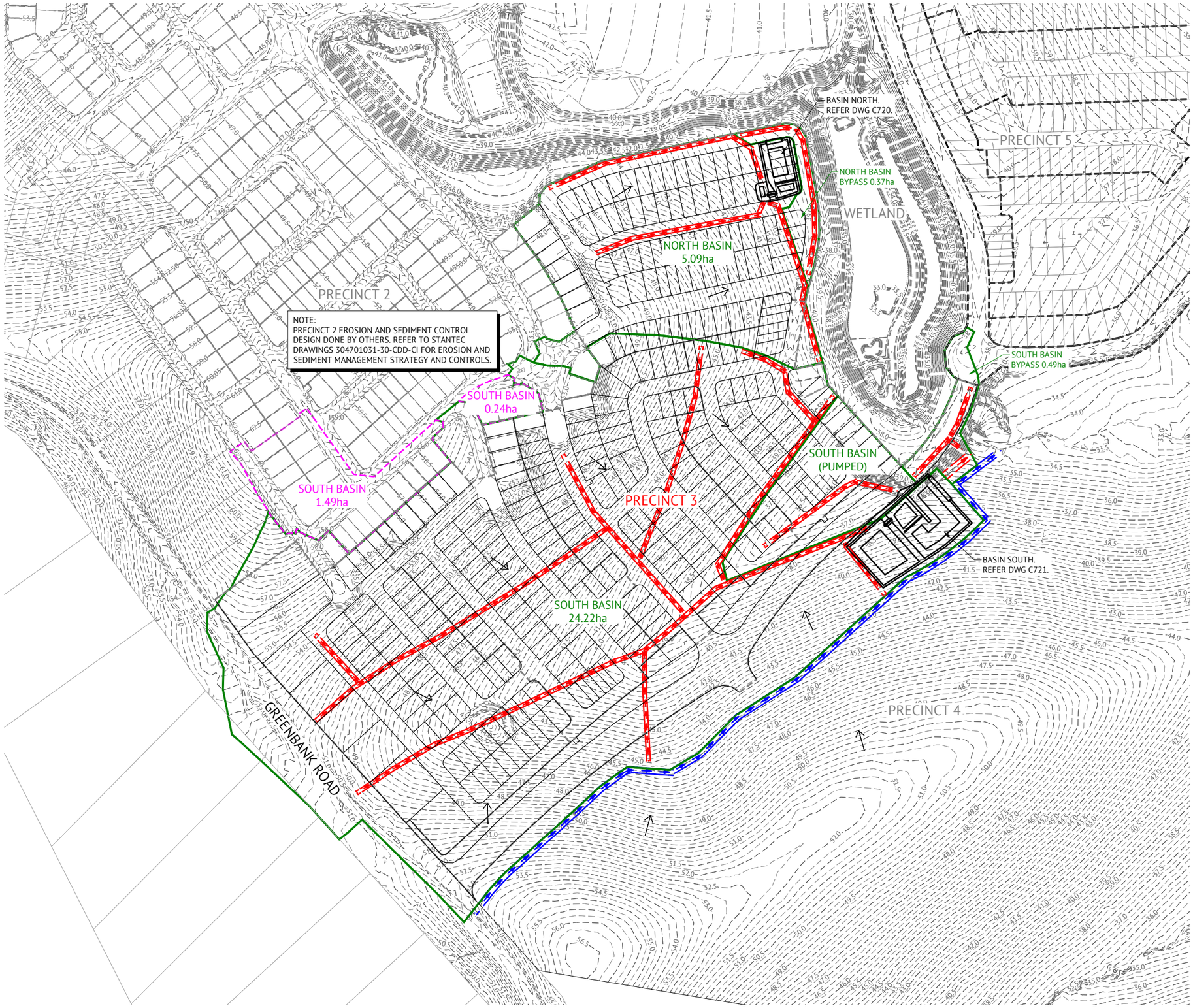
FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

PHASING NOTES:

PHASE 1 (PRE-CLEARING AND PRE BULK EARTHWORKS) UNDERTAKE ONLY WORKS RELATED TO THE PHASE 1 ESC INSTALLATION SEQUENCE.

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

T. CLARK (CPESC No. 6089)



APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

Amey

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

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - INTERIM CATCHMENT

JOB CODE: MIR-1700
SHEET NUMBER: C710
REV: A

LEGEND - PROPOSED

- DISTURBED AREA. DISTURBANCE DUE TO NEW VEGETATION CLEARING AND GRUBBING
- CLEAN WATER DIVERSION DRAIN/BUND
- DIRTY WATER DIVERSION DRAIN/BUND
- FLOW DIRECTION ARROW
- CONTOUR DRAIN
- SEDIMENT FENCE (SF) REFER IECA DRAWING SF-01 & SF-02

LEGEND - EXISTING

- MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)

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. THE CONSTRUCTION SITE ENTRANCE ROCK SHAKER PAD LOCATION TO BE DETERMINED BY THE SITE FOREMAN AND CONFIRMED BY SITE SUPERINTENDENT. LOCATION TO BE MARKED UP ON ESC PLANS ONCE CONFIRMED.
4. E&SC PLANS ARE A LIVE DOCUMENT AND THE CONTRACTOR IS TO MONITOR WEATHER THROUGHOUT THE CONSTRUCTION PERIOD AND MAINTAIN UP-TO-DATE PLANS.

NOTE:

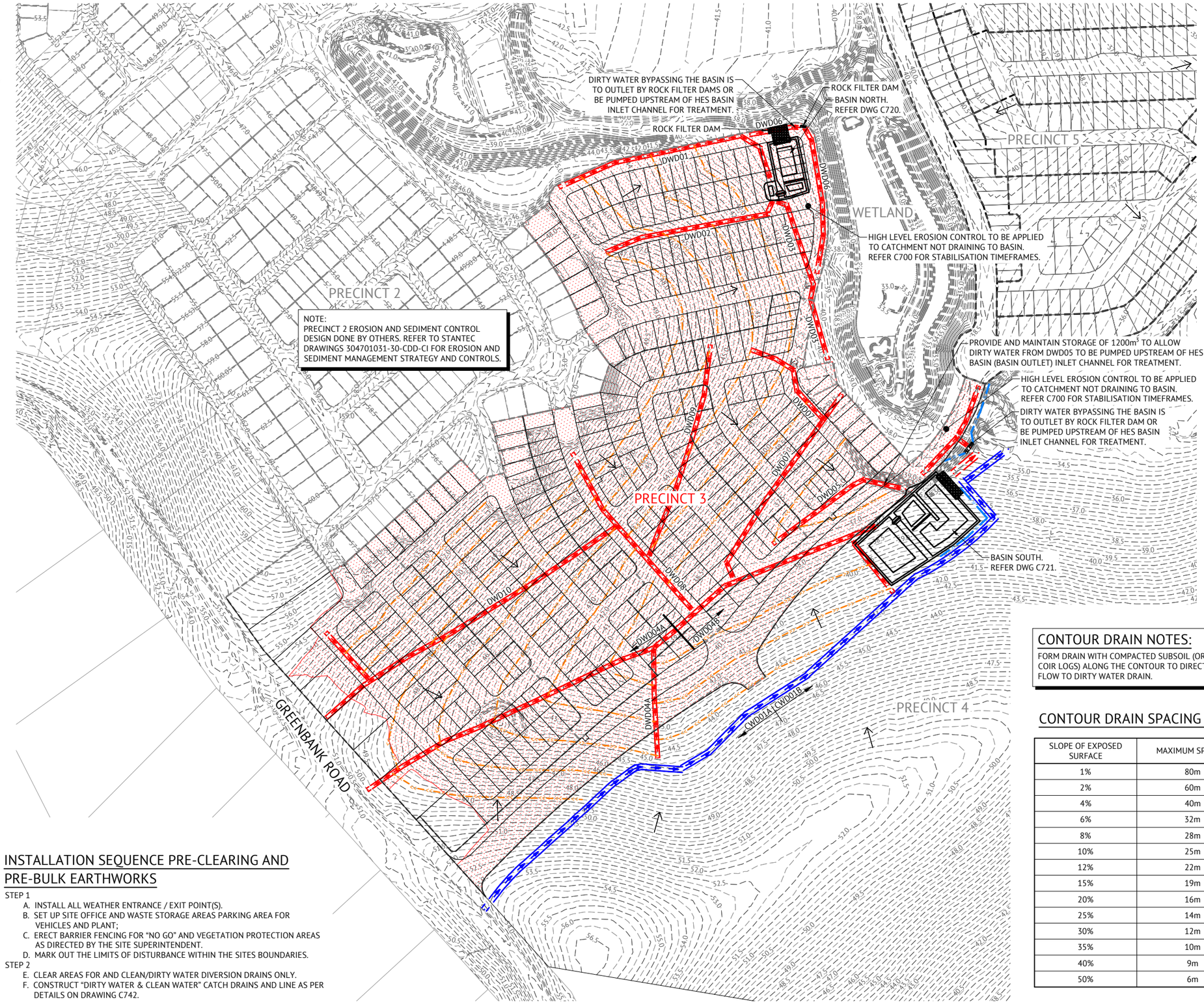
FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

NOTE:

REFER TO DWG C742 FOR DRAIN SIZING AND DETAILS. WHERE DRAIN SIZING IS NOT PROVIDED, A MINIMUM DRAIN DEPTH OF 0.3m AND BASE WIDTH OF 0.6m IS TO BE USED.

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

T. CLARK (CPESC No. 6089)



INSTALLATION SEQUENCE PRE-CLEARING AND PRE-BULK EARTHWORKS

STEP 1

A. INSTALL ALL WEATHER ENTRANCE / EXIT POINT(S).
B. SET UP SITE OFFICE AND WASTE STORAGE AREAS PARKING AREA FOR VEHICLES AND PLANT;
C. ERECT BARRIER FENCING FOR "NO GO" AND VEGETATION PROTECTION AREAS AS DIRECTED BY THE SITE SUPERINTENDENT.
D. MARK OUT THE LIMITS OF DISTURBANCE WITHIN THE SITES BOUNDARIES.

STEP 2

E. CLEAR AREAS FOR AND CLEAN/DIRTY WATER DIVERSION DRAINS ONLY.
F. CONSTRUCT "DIRTY WATER & CLEAN WATER" CATCH DRAINS AND LINE AS PER DETAILS ON DRAWING C742.

CONTOUR DRAIN NOTES:

FORM DRAIN WITH COMPACTED SUBSOIL (OR PINNED COIR LOGS) ALONG THE CONTOUR TO DIRECT SHEET FLOW TO DIRTY WATER DRAIN.

CONTOUR DRAIN SPACING TABLE

SLOPE OF EXPOSED SURFACE	MAXIMUM SPACING
1%	80m
2%	60m
4%	40m
6%	32m
8%	28m
10%	25m
12%	22m
15%	19m
20%	16m
25%	14m
30%	12m
35%	10m
40%	9m
50%	6m

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

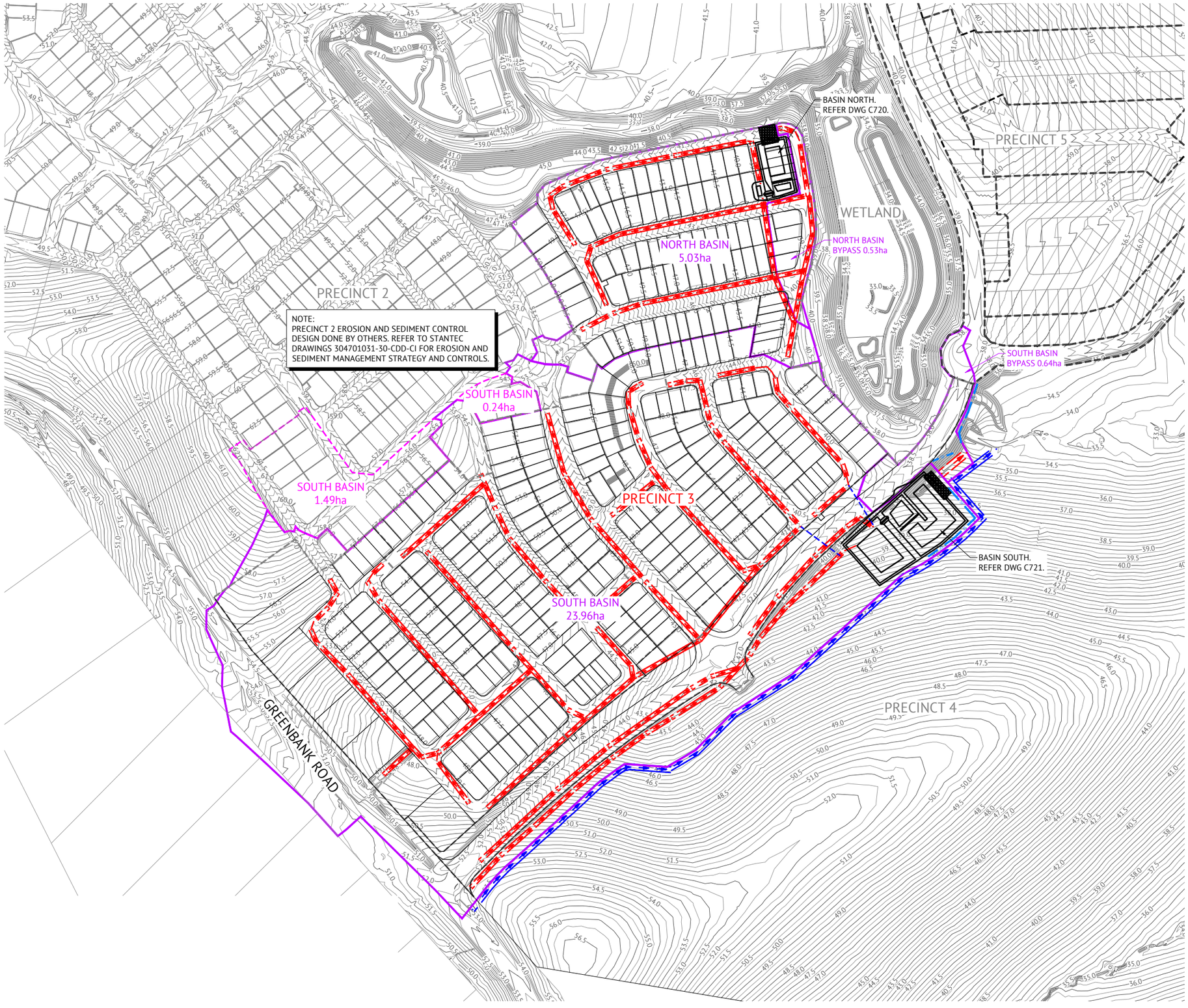
SCALE 0 40 80 120m
SCALE 1:2000 (A1)
ORIGINAL SHEET SIZE A1

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - CLEAR AND GRUB

JOB CODE: MIR-1700
SHEET NUMBER: C711
REV: A

LEGEND - PROPOSED

- PRECINCT BOUNDARY
- FINAL CATCHMENT
- PRECINCT 2 CATCHMENT
- 12.0 — FINISHED MAJOR CONTOURS (1.00m)
- FINISHED MINOR CONTOURS (0.50m)
- CLEAN WATER DIVERSION DRAIN/BUND
- DIRTY WATER DIVERSION DRAIN/BUND
- SF — SEDIMENT FENCE
  REFER IECA DRAWING SF-01 & SF-02
- TEMPORARY STORMWATER PIPE



NOTE:

FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - FINAL CATCHMENT

JOB CODE: MIR-1700
SHEET NUMBER: C712
REV: A

LEGEND - PROPOSED

- EXTENT OF CUT
- EXTENT OF FILL
- 12.0 — FINISHED MAJOR CONTOURS (1.00m)
- FINISHED MINOR CONTOURS (0.50m)
- SF — SEDIMENT FENCE
  REFER IECA DRAWING SF-01 & SF-02 FOR DETAILS.
- TEMPORARY STORMWATER PIPE
- DIRTY WATER DIVERSION DRAIN/BUND
- CLEAN WATER DIVERSION DRAIN/BUND

INSTALLATION SEQUENCE EARTHWORKS

STEP 3
PERFORM EARTHWORKS ON LEADS CUT TO FILL ON SITE IN ACCORDANCE WITH THE CIVIL EARTHWORKS DRAWINGS.

STEP 4
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 5
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 C714) 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 C714) IS CRITICAL FOR CATCHMENTS WHICH DO NOT DRAIN TO TYPE 1 CONTROLS.

STEP 6
ALL SEDIMENT AND EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND BE MONITORED UNTIL CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. ADDITIONAL EROSION CONTROLS ARE TO BE ERECTED AS REQUIRED BY THE SUPERINTENDENT.

NOTES

1. REFER EROSION AND SEDIMENT CONTROL NOTES AND DETAILS DRAWINGS.
2. ALL FOOTPATHS RELEVANT TO PROPOSED SUB-PRECINCT ARE TO BE FULLY TURFED AS SOON AS PRACTICAL.
3. CONTRACTOR TO ENSURE STORMWATER DRAINAGE IS COVERED AT ALL TIMES DURING EARTHWORKS PHASE.
4. E&SC PLANS ARE A LIVE DOCUMENT AND THE CONTRACTOR IS TO MONITOR WEATHER THROUGHOUT THE CONSTRUCTION PERIOD AND MAINTAIN UP-TO-DATE PLANS.

ROCK CHECK DAM NOTE:

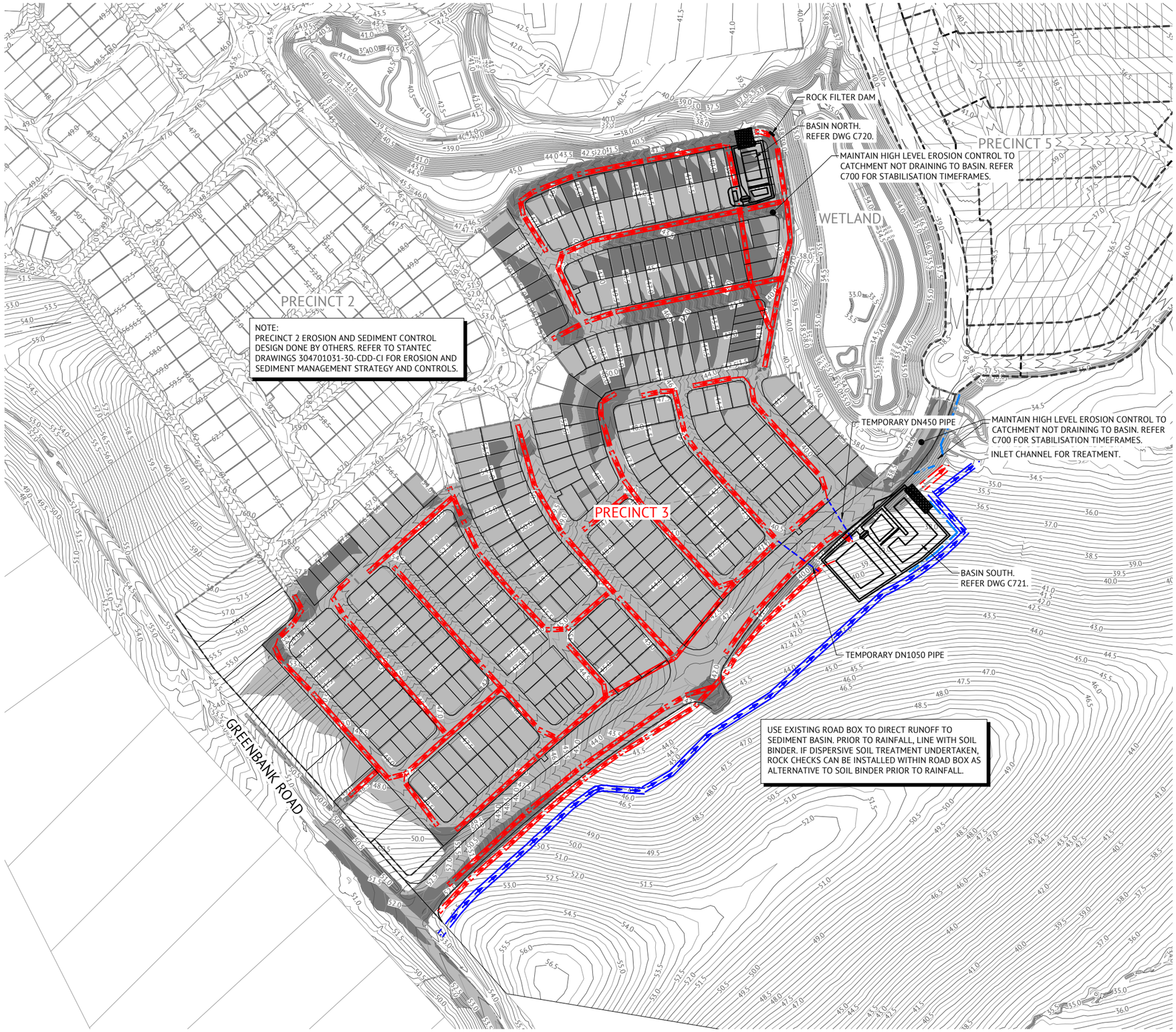
INSTALL ROCK CHECK DAM WITHIN ROAD BOX AT MAXIMUM 20m SPACING IN ACCORDANCE WITH IECA DWG RCD-01.

NOTE:

FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

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

T. CLARK (CPESC No. 6089)



APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - BULK EARTHWORKS

JOB CODE: MIR-1700
SHEET NUMBER: C713
REV: A

LEGEND

- 100mm THICK TOPSOIL RESPREAD AND DRILL SEEDING. APPLY SOIL BINDER IMMEDIATELY AFTER SEEDING AND CONTINUE TO APPLY BINDER AS REQUIRED TO MINIMISE EROSION)
- 100mm THICK TOPSOIL AND TURF
- TOPSOIL AND STABILISATION DONE BY OTHERS (ESC CONTROLS TO BE REMAIN AND CONTINUE TO BE OPERATED AND MAINTAINED UNTIL AREA IS STABILIZED)
- 12.0 FINISHED MAJOR CONTOURS (1.00m)
- FINISHED MINOR CONTOURS (0.50m)
- DRAIN TO REMAIN

SERVICE TRENCH AND ROAD CONSTRUCTION SEQUENCE

STEP 7
- 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 8
- 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 9
- A. REMOVE CONSTRUCTION ENTRANCES.
- B. ADDITIONAL EROSION CONTROLS ARE TO BE ERECTED AND MONITORED AS REQUIRED BY THE SUPERINTENDENT

NOTES

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

TURFING AND TOPSOIL NOTE

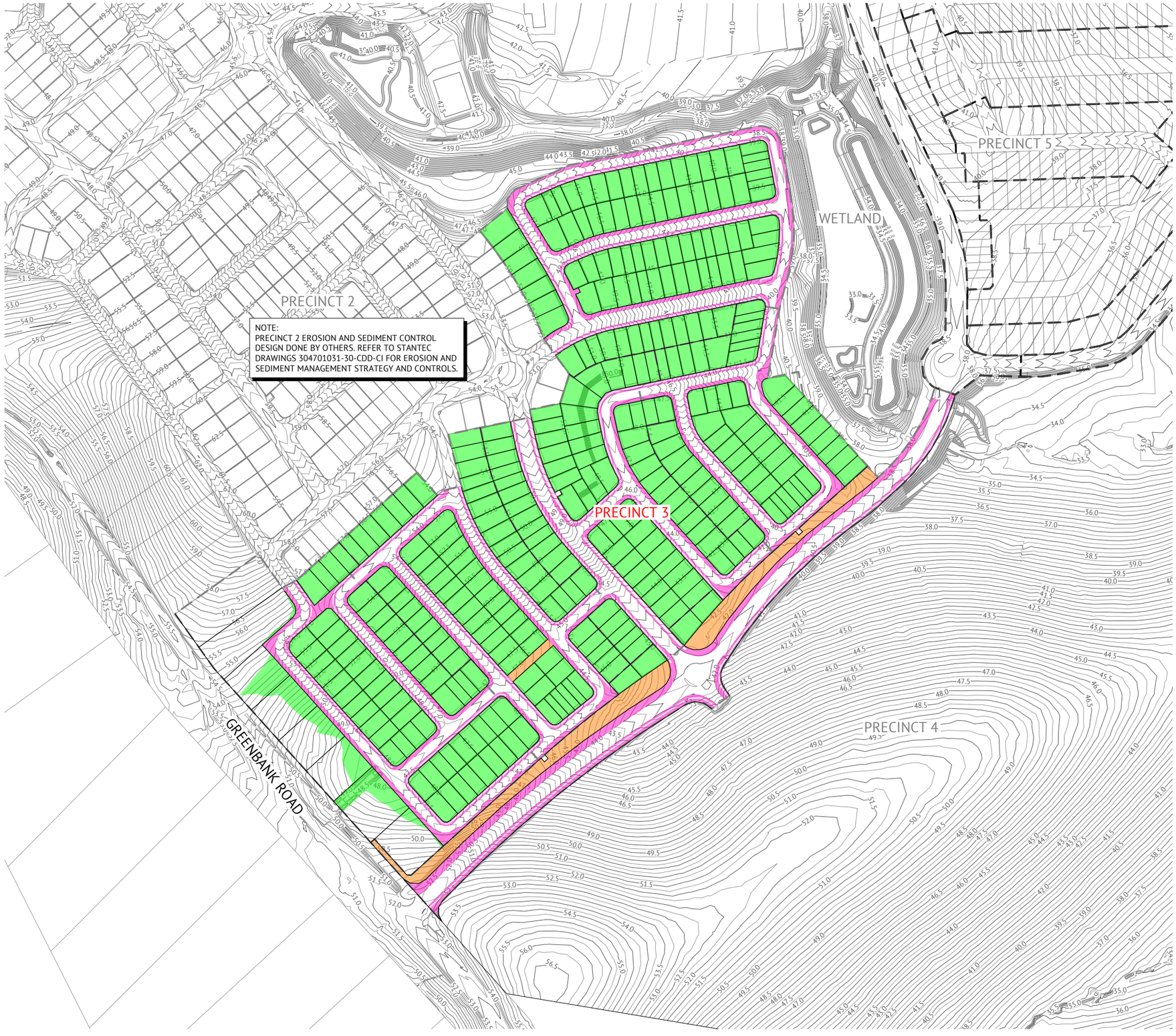
CONTRACTOR SHALL RESPREAD AMELIORATED TOPSOIL (AMELIORATION REQUIREMENTS AS DIRECTED BY SUPERINTENDENT) TO VERGES AT A THICKNESS OF 100mm.

NOTE:

FOR DISPERSIVE SOILS MANAGEMENT NOTES, REFER TO DRAWING C210.

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

T. CLARK (CPESC No. 6089)



APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

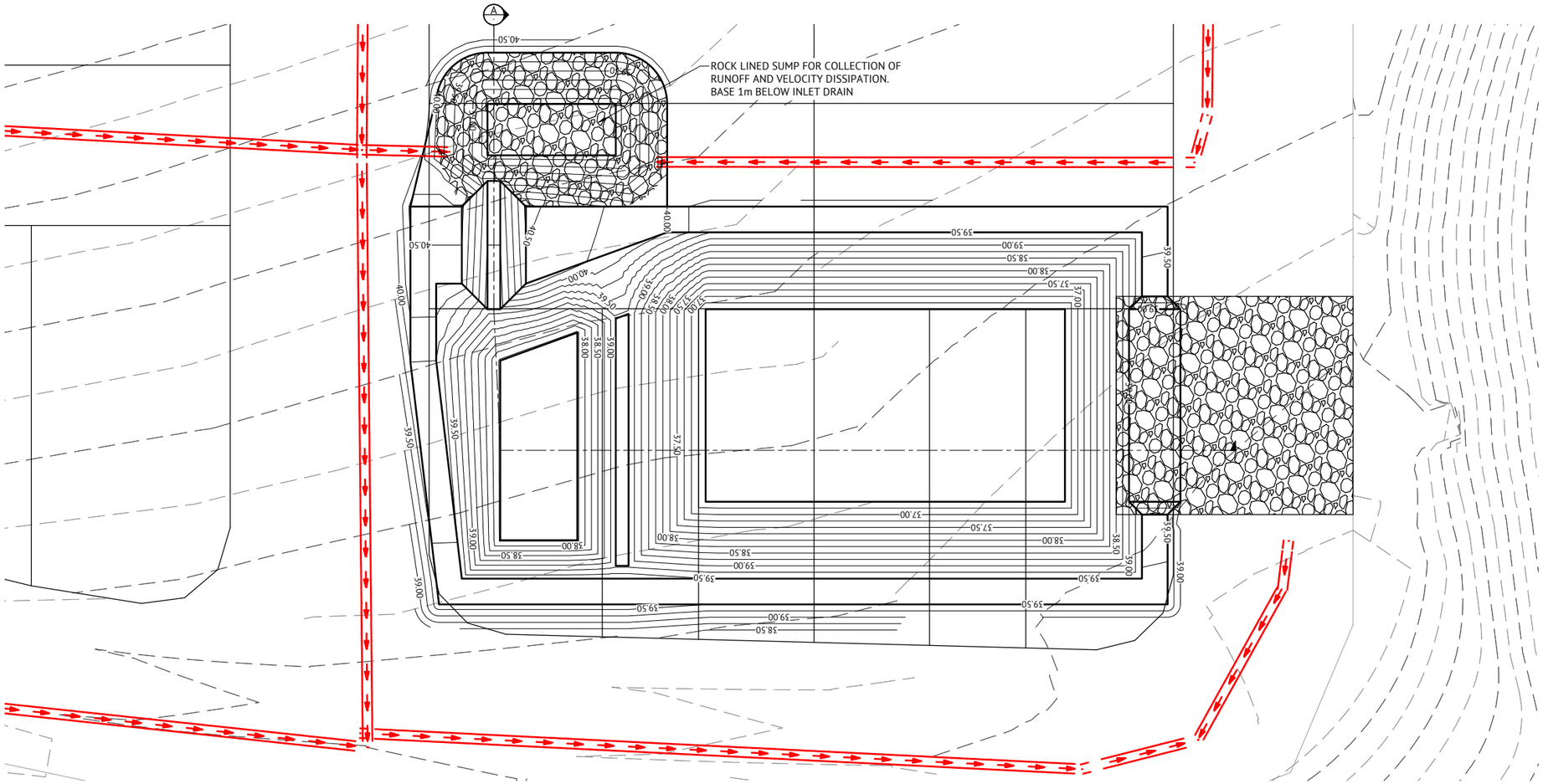
Amey
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

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

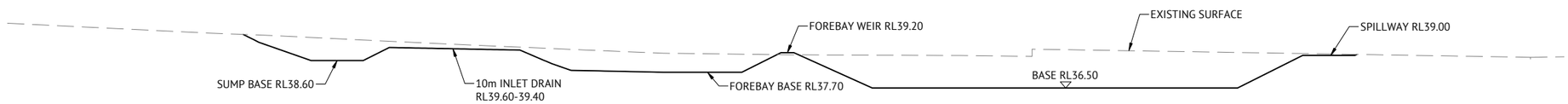
CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - STABILISATION PHASE

JOB CODE MIR-1700
SHEET NUMBER C714
REV A



BASIN NORTH LAYOUT PLAN

SCALE 1:200



SECTION A

SCALE 1:200

LEGEND - PROPOSED

- DIRTY WATER DIVERSION DRAIN/BUND
- DIRTY WATER DIVERSION DRAIN/BUND
- ROCK PROTECTION
- RESTRICTED AREA
- 12.0 MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)

LEGEND - EXISTING

- 12.0 MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)

NOTE:

BASIN LAYOUT INDICATIVE ONLY. FINAL LAYOUT AND LEVELS TO BE DETERMINED ON SITE PRIOR TO BASIN CONSTRUCTION. MINIMUM STORAGE VOLUMES INDICATED IN TABLE ARE TO BE MET.

BASIN GENERAL NOTES:

1. FOR FOR CONSTRUCTION NOTES REFER TO DWG C750.
2. E&SC PLANS ARE A LIVE DOCUMENT AND THE CONTRACTOR IS TO MONITOR WEATHER THROUGHOUT THE CONSTRUCTION PERIOD AND MAINTAIN UP-TO-DATE PLANS.

BASIN NORTH VOLUMES AND DIMENSIONS

BASIN TYPE	MAXIMUM CATCHMENT AREA (ha)	VOLUME TO SPILLWAY (m3) INCLUDING SEDIMENT STORAGE	SEDIMENT STORAGE DEPTH (m)	SETTLING ZONE DEPTH (m)	TOTAL BASIN DEPTH (m) INCLUDING FREEBOARD
B	5.09	1497	0.5	2.0	3.0

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

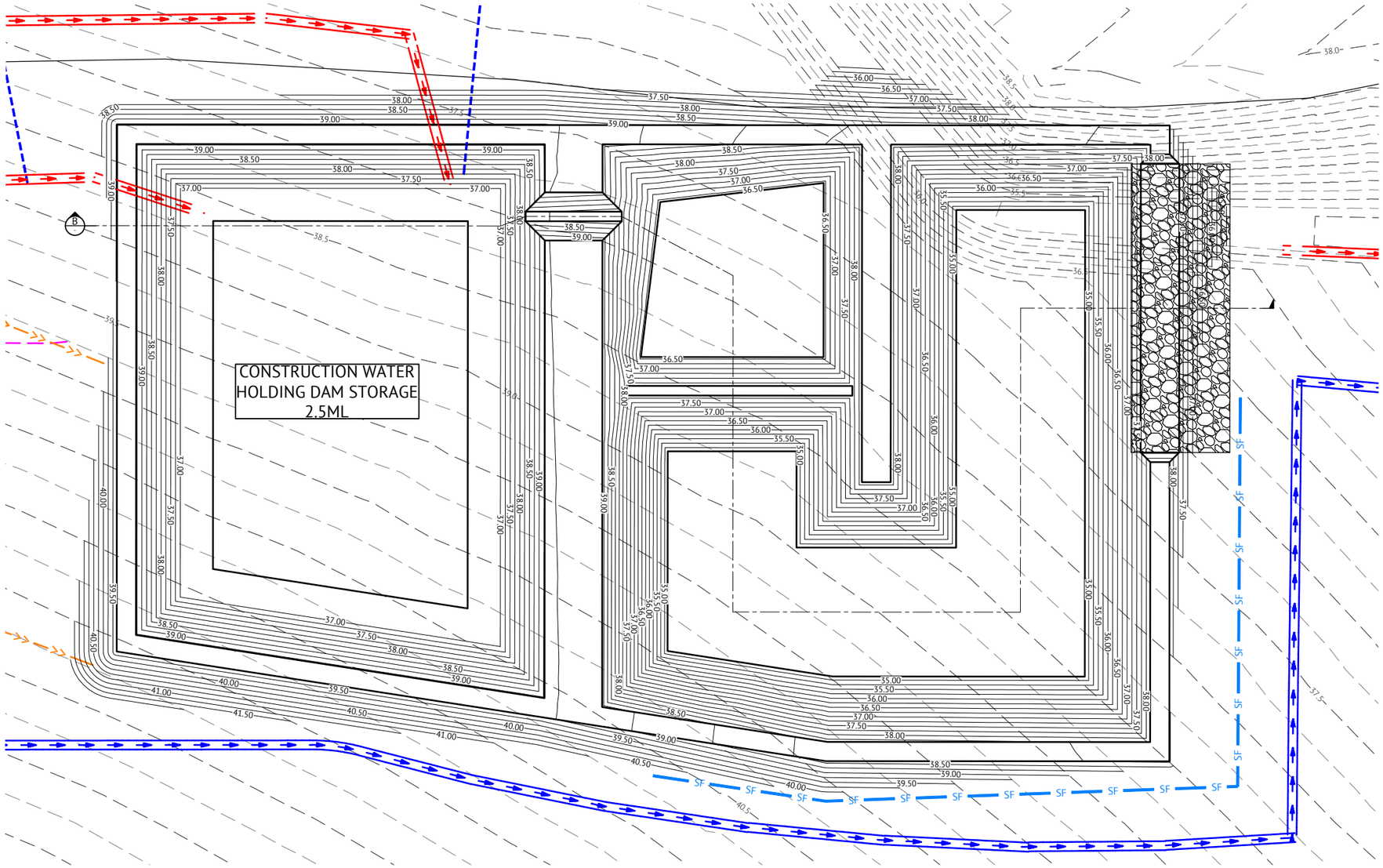
Amey
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

SCALE 0 4 8 12m
SCALE 1:200 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - BASIN NORTH DETAILS

JOB CODE MIR-1700
SHEET NUMBER C720
REV A



LEGEND - PROPOSED

- SF — SEDIMENT FENCE REFER IECA DRAWING SF-01 & SF-02 FOR DETAILS.
- TEMPORARY STORMWATER PIPE
- DIRTY WATER DIVERSION DRAIN/BUND
- DIRTY WATER DIVERSION DRAIN/BUND
- ROCK PROTECTION
- RESTRICTED AREA
- 12.0 — MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)

LEGEND - EXISTING

- 12.0 — MAJOR CONTOURS (0.50m)
- MINOR CONTOURS (0.25m)

NOTE:

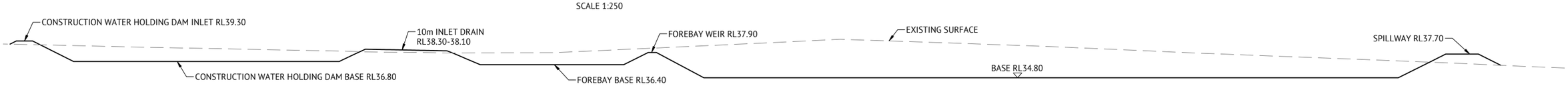
BASIN LAYOUT INDICATIVE ONLY. FINAL LAYOUT AND LEVELS TO BE DETERMINED ON SITE PRIOR TO BASIN CONSTRUCTION. MINIMUM STORAGE VOLUMES INDICATED IN TABLE ARE TO BE MET.

BASIN GENERAL NOTES:

1. FOR FOR CONSTRUCTION NOTES REFER TO DWG C750.
2. E&SC PLANS ARE A LIVE DOCUMENT AND THE CONTRACTOR IS TO MONITOR WEATHER THROUGHOUT THE CONSTRUCTION PERIOD AND MAINTAIN UP-TO-DATE PLANS.

BASIN SOUTH LAYOUT PLAN

SCALE 1:250



SECTION B

SCALE 1:250

BASIN SOUTH VOLUMES AND DIMENSIONS

BASIN TYPE	MAXIMUM CATCHMENT AREA (ha)	VOLUME TO SPILLWAY (m3) INCLUDING SEDIMENT STORAGE	SEDIMENT STORAGE DEPTH (m)	SETTLING ZONE DEPTH (m)	TOTAL BASIN DEPTH (m) INCLUDING FREEBOARD
B	25.95	5657	1.0	1.9	3.4

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

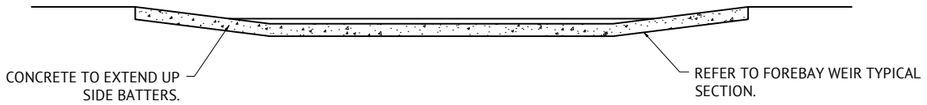
Amey
BRISBANE OFFICE
LEVEL 11, 300 ADELAIDE STREET
BRISBANE, QLD 4000
PH: (07) 3253 2222
WEB: www.amey.com.au

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

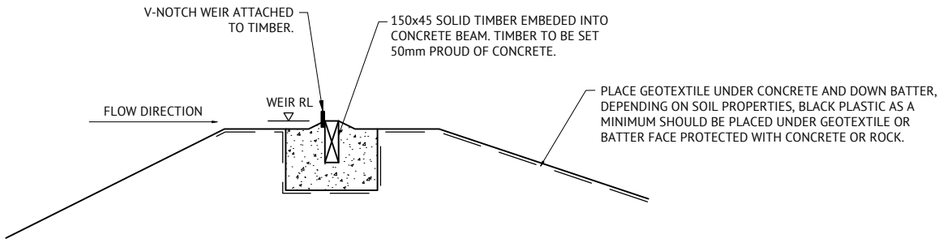
SCALE 0 5 10 15m
SCALE 1:250 (A1)
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - BASIN SOUTH DETAILS

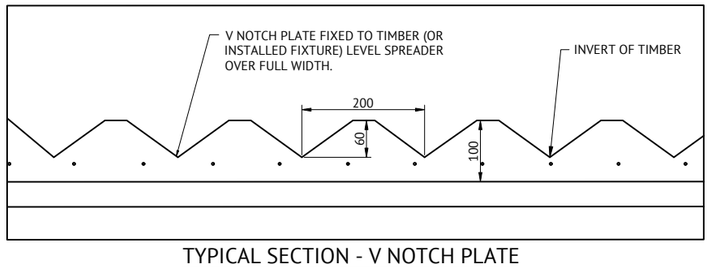
JOB CODE MIR-1700
SHEET NUMBER C721
REV A



FOREBAY WEIR PROFILE
N.T.S.

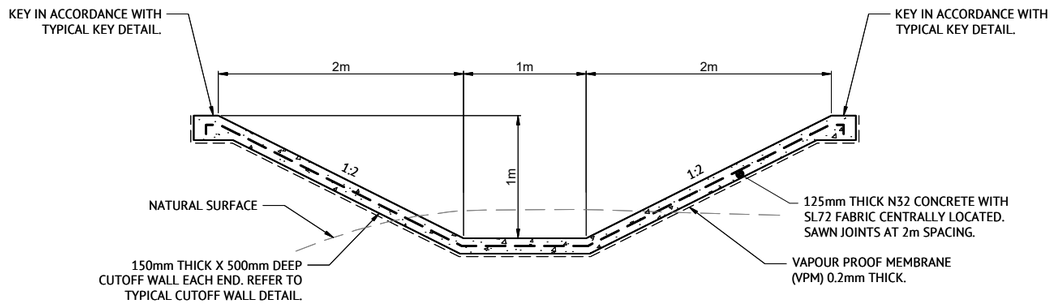


FOREBAY WEIR SECTION
N.T.S.



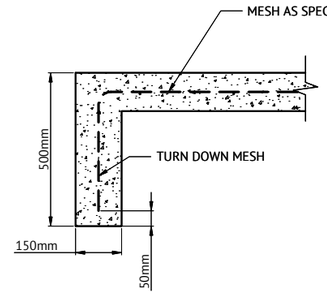
TYPICAL SECTION - V NOTCH PLATE
N.T.S.

IT IS RECOMMENDED THAT A V NOTCH PLATE BE FIXED TO THE LEVEL SPREADER DUE TO THE WIDTH OF THE FOREBAY WALLS.

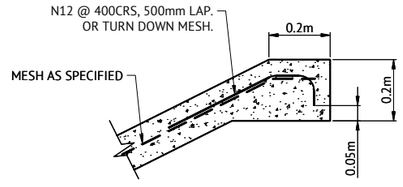


INLET DRAIN DETAIL SECTION
SCALE 1:25

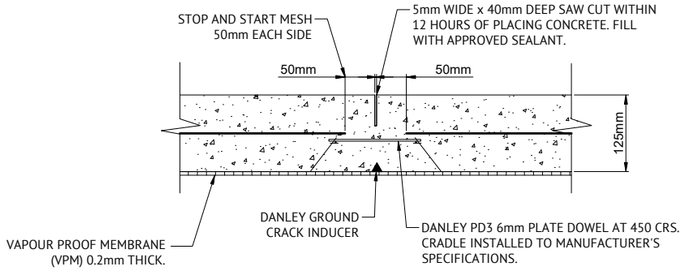
NOTE: INLET DRAIN MUST BE CONSTRUCTED AS PER DESIGN WITH MINIMAL TOLERANCES TO ENSURE ACCURACY OF FLOW-METER (BY TURBID) ON INLET CHANNEL.



TYPICAL CUTOFF WALL DETAIL
SCALE 1:10



TYPICAL KEY DETAIL
SCALE 1:10



SAWN DOWELED JOINT
SCALE 1:5

0 0.5 1.0 1.5m
SCALE 1:25 (A1)
0 0.2 0.4 0.6m
SCALE 1:10 (A1)
0 0.1 0.2 0.3m
SCALE 1:5 (A1)

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

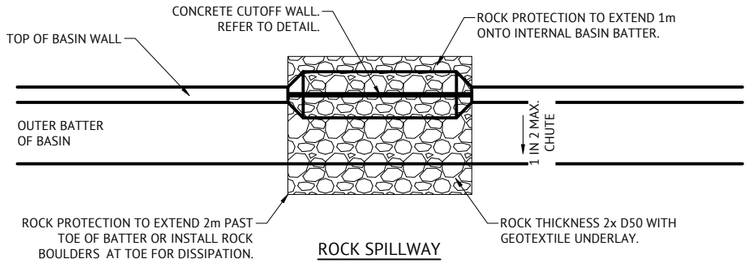
REVISIONS

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

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

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - TYPICAL BASIN DETAILS

JOB CODE MIR-1700
SHEET NUMBER C740
REV A



ROCK SPILLWAY

SPILLWAY DETAIL AND CHUTE DETAIL PLAN

N.T.S.

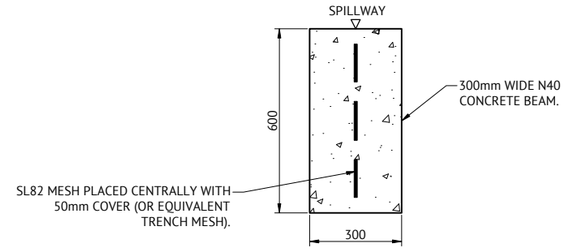
ROCK GRADING

SIZE	% BY WEIGHT SMAIIER THAN
1.5-2 X D50	100%
D50	50%
0.3 X D50	10-20%

SPILLWAY SIZING SUMMARY TABLE

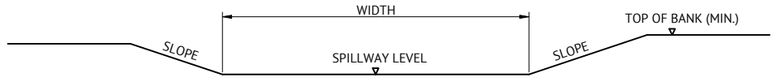
	WIDTH (m)	TOP WIDTH (m)	SLOPE (1 IN ...)	SPILLWAY LEVEL (R.L. m))	MIN. HEIGHT SPILLWAY TO TOB (m)	TOP OF BANK (R.L. m)	LINING	MINIMUM ROCK SIZE d50 (mm) =
NORTH BASIN	15.0	17.0	2.0	39.00	0.50	39.50	ROCK	150
SOUTH BASIN	30.0	32.0	2.0	37.70	0.50	38.20	ROCK	150

NOTE: SPILLWAY DIMENSIONS AND LEVEL TAKEN AS TOP OF ROCK OR TURF LINING.
SPILLWAY IS TO BE OVER-EXCAVATED FOR INSTALLTION OF LINING.



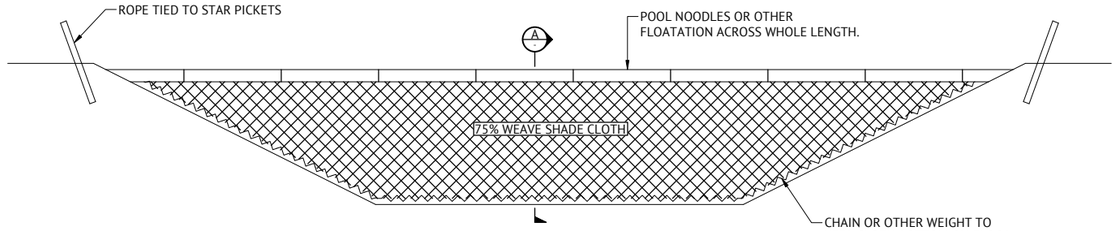
TYPICAL SECTION OF CONCRETE CUTOFF WALL

N.T.S.



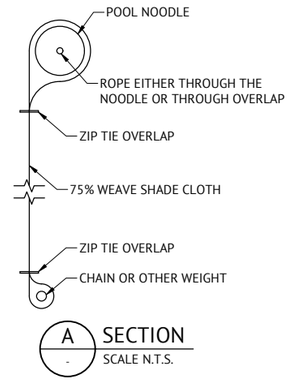
BASIN OUTLET SPILLWAY TYPICAL PROFILE

N.T.S.



PERMEABLE BAFFLE SECTION

N.T.S.



A SECTION
SCALE N.T.S.

ROCK SPILLWAY SIZING CALCULATION TABLE

BASIN ID	CATCH AREA (HA)	ARI	C_{ARI}	TIME OF CONC (MINS)	I_{ARI}	FLOW - Q (m^3/s)	BASE WIDTH	SIDE SLOPE 1 (1 in x)	U/S WATER LEVEL (m)	FREEBOARD (m)	MIN. HEIGHT SPILLWAY TO TOB (m)	TOP WIDTH (m)	LONG. SLOPE (m/m)	ROCK SIZE - D_{50} (mm)	MANNING ROUGH COEFF	DESIGN VEL (m/s)	DEPTH OF FLOW (m)	DEPTH WITH F/BOARD (m)	MEAN ROCK SIZE - D_{50} (mm)	WIDTH 1 (m)	WIDTH 2 (m)	LENGTH (m)
NORTH BASIN	5.09	20	0.79	20	132	1.47	15	2	0.15	0.3	0.45	16.79	0.5	110	0.112	1.19	0.08	0.38	100	17.1	17.1	1.3
SOUTH BASIN	25.95	20	0.79	45	82.3	4.69	30	2	0.20	0.3	0.50	32.01	0.5	149	0.117	1.39	0.11	0.41	100	32.2	32.5	2.1

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - SPILLWAY DETAILS

JOB CODE: MIR-1700
SHEET NUMBER: C741
REV: A

DRAIN CALCULATION TABLE

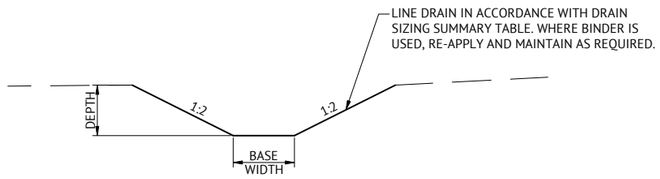
DRAIN ID	CATCH AREA (HA)	ARI	C_{ARI}	TIME OF CONC (MINS)	I_{ARI}	FLOW - Q (m^3/s)	LONG. SLOPE (m/m)	BASE WIDTH	SIDE SLOPE 1 (1 in x)	SIDE SLOPE 2 (1 in x)	LINING	MANNING ROUGH COEFF	MAX PERM VEL (m/s)	DESIGN VEL (m/s)	DEPTH OF FLOW (m)	DEPTH WITH F/BOARD (m)	DRAIN TOP WIDTH (m)	OK / NOT OK	CHECK DAM HEIGHT (m)	CHECK DAM SPACING (m)	NEW DRAIN DEPTH INCL. F/BOARD (m)
DWD01	1.88	2	0.6	20	77.5	0.24	0.029	0.6	2	2	Vital HR - 2L/m2	0.02	2.5	1.88	0.15	0.30	1.78	OK	0.30	10.34	0.62
DWD02	1.05	2	0.6	18	82.26	0.14	0.053	0.6	2	2	Vital HR - 2L/m2	0.02	2.5	1.98	0.09	0.24	1.57	OK	0.30	5.66	0.57
DWD03	2.12	2	0.6	20	77.5	0.27	0.063	1	2	2	Vital HR - 2L/m2	0.02	2.5	2.35	0.10	0.25	1.99	OK	0.30	4.76	0.61
DWD04A	8.73	2	0.6	20	77.5	1.13	0.068	0.6	2	2	Black Plastic	0.013	6	5.35	0.21	0.36	2.03	OK	0.30	4.41	0.87
DWD04B	22.14	2	0.6	26	66.98	2.47	0.068	2	2	2	Black Plastic	0.013	6	5.74	0.18	0.33	3.33	OK	0.30	4.41	0.96
DWD05	0.99	2	0.6	16	87.02	0.14	0.048	0.6	2	2	Vital HR - 2L/m2	0.02	2.5	1.92	0.09	0.24	1.58	OK	0.30	6.25	0.57
DWD06	0.61	2	0.6	8	113.8	0.12	0.026	0.6	2	2	Vital HR - L/m2	0.02	1.5	1.45	0.10	0.25	1.60	OK	0.30	11.54	0.56
DWD07	2.25	2	0.6	20	77.5	0.29	0.059	1	2	2	Vital HR - 2L/m2	0.02	2.5	2.35	0.10	0.25	2.01	OK	0.30	5.08	0.62
DWD08	8.55	2	0.6	21	75.68	1.08	0.069	0.6	2	2	Black Plastic	0.013	6	5.32	0.20	0.35	2.01	OK	0.30	4.35	0.86
DWD09	2.10	2	0.6	19	79.88	0.28	0.069	1	2	2	Vital HR - 2L/m2	0.02	2.5	2.44	0.10	0.25	1.98	OK	0.30	4.35	0.62
DWD10	6.80	2	0.6	20	77.5	0.88	0.065	4	2	2	Vital HR - 2L/m2	0.02	2.5	2.42	0.09	0.24	4.95	OK	0.30	4.62	0.66
CWD01A	4.76	2	0.6	20	77.5	0.61	0.068	1	2	2	Turf	0.04	2	1.93	0.22	0.37	2.49	OK	0.30	4.41	0.72
CWD01B	8.60	2	0.6	24	77.5	1.11	0.063	2.5	2	2	Turf	0.04	2	1.93	0.20	0.35	3.90	OK	0.30	4.76	0.74

DRAIN SIZING SUMMARY TABLE

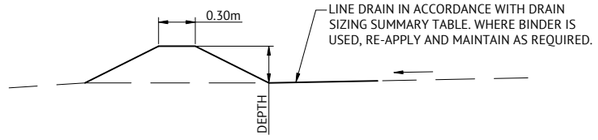
DRAIN ID	MINIMUM DEPTH (m)	BASE WIDTH (m)	BATTER SLOPE (1 IN ...)	DRAIN LINING
DWD01	0.30	0.60	2.0	Vital HR - 2L/m2
DWD02	0.30	0.60	2.0	Vital HR - 2L/m2
DWD03	0.30	1.00	2.0	Vital HR - 2L/m2
DWD04A	0.40	0.60	2.0	Black Plastic
DWD04B	0.35	2.00	2.0	Black Plastic
DWD05	0.30	0.60	2.0	Vital HR - 2L/m2
DWD06	0.30	0.60	2.0	Vital HR - L/m2
DWD07	0.30	1.00	2.0	Vital HR - 2L/m2
DWD08	0.35	0.60	2.0	Black Plastic
DWD09	0.30	1.00	2.0	Vital HR - 2L/m2
DWD10	0.30	4.00	2.0	Vital HR - 2L/m2
CWD01A	0.40	1.00	2.0	Turf
CWD01B	0.35	2.50	2.0	Turf

NOTE: DRAIN SIZING (INCLUDING DEPTH NOMINATED ABOVE) DOES NOT ACCOUNT FOR INSTALLATION OF CHECK DAMS. THE NOMINATED DRAIN LINING IS BASED ON CALCULATED VELOCITIES AND IS SUFFICIENT TO FUNCTION IN A NON-EROSIVE MANNER WITHOUT CHECK DAMS. IF CHECK DAMS ARE TO BE INSTALLED, DRAIN DIMENSIONS ARE TO BE INCREASED TO PROVIDE A MINIMUM ADDITIONAL 0.3m DEPTH. IF DISPERSIVE SOILS ARE PRESENT CHECK DAMS SHALL NOT BE USED.

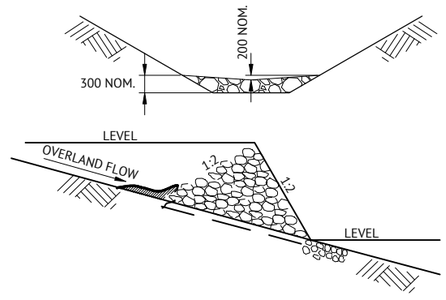
WHERE DRAIN SIZING IS NOT PROVIDED, A MINIMUM DRAIN DEPTH OF 0.3m AND BASE WIDTH OF 0.6m IS TO BE USED. LINE WITH VITAL HR @ 1L/m2.



TYPICAL CROSS SECTION
SWALE DRAIN
N.T.S.



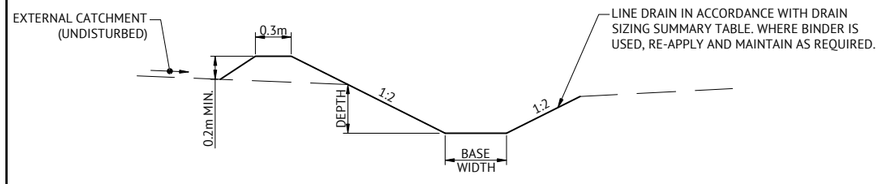
TYPICAL CROSS SECTION
BUND DRAIN
N.T.S.



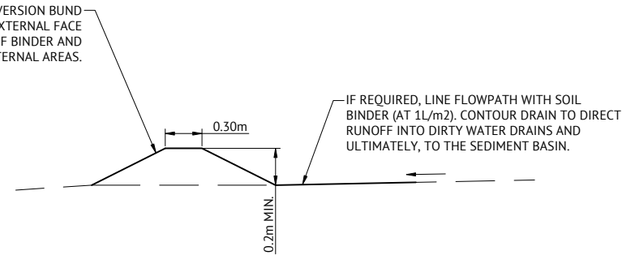
CHECK DAM - TYPICAL DETAIL
NTS

CHECK DAM SPACING - (WHERE ORDERED)

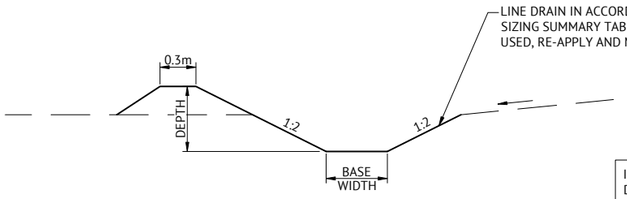
SWALE GRADE (%)	SPACING INTERVAL (m)				
	200mm HIGH	300mm HIGH	400mm HIGH	500mm HIGH	600mm HIGH
0.5	40	60	80	100	120
1.0	20	30	40	50	60
2.0	10	15	20	25	30
3.0	6.7	10	13	17	20
4.0	5.0	7.5	10	13	15
5.0	4.0	6.0	8.0	10	12
10.0	2.0	3.0	4.0	5.0	6.0
15.0	1.3	2.0	2.7	3.3	4.0



TYPICAL CROSS SECTION
SWALE DRAIN WITH EXTERNAL DIVERSION
N.T.S.



TYPICAL CROSS SECTION
CONTOUR DRAIN
N.T.S.



TYPICAL CROSS SECTION
COMBINATION DRAIN
N.T.S.

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION		
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

CLIENT: MIRVAC QUEENSLAND PTY LTD
PROJECT: EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION: TEVIOT ROAD, GREENBANK
SHEET TITLE: EROSION AND SEDIMENT CONTROL - DRAIN DETAILS

JOB CODE: MIR-1700
SHEET NUMBER: C742
REV: A

BASIN MATERIALS

1. EARTH FILL: CLEAN SOIL WITH EMERSON CLASS 2(1), 3, 4 OR 5 AND FREE OF ROOTS, WOODY VEGETATION, ROCKS AND OTHER UNSUITABLE MATERIAL. SOIL WITH EMERSION CLASS 4 AND 5 MAY NOT BE SUITABLE DEPENDING ON PARTICLE SIZE DISTRIBUTION AND DEGREE OF DISPERSION.
   1.1. CLASS 2(1) SHOULD ONLY BE USED UPON RECOMMENDATION FROM GEOTECHNICAL SPECIALIST.
2. SPILLWAY ROCK: HARD, ANGULAR, DURABLE WEATHER RESISTANT AND EVENLY GRADED ROCK WITH 50% BY WEIGHT LARGER THAN THE SPECIFIED NOMINAL (d50) ROCK SIZE. LARGE ROCK SHOULD DOMINATE, WITH SUFFICIENT SMALL ROCK TO FILL THE VOIDS BETWEEN LARGER ROCK. THE DIAMETER OF THE LARGEST ROCK SHOULD BE NO LARGER THAN 1.5 TIMES THE NOMINAL ROCK SIZE. THE SPECIFIED GRAVITY SHOULD BE AT LEAST 2.5.
3. GEOTEXTILE FABRIC: HEAVY DUTY, NEEDLE-PUNCHED, NON-WOVEN CLOTH, MINIMUM 'BIDIM' A24 OR EQUIVALENT.

BAISN CONSTRUCTION

1. NOTWITHSTANDING ANY DESCRIPTION CONTAINED WITH APPROVED PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SATISFYING THEMSELVES AS TO THE NATURE AND EXTENT OF THE SPECIFIED WORKS AND THE PHYSICAL AND LEGAL CONDITIONS UNDER WHICH THE WORKS WILL BE CARRIED OUT. THIS SHALL INCLUDE MEANS OF ACCESS, EXTENT OF CLEARING, NATURE OF THE MATERIALS TO BE EXCAVATED, TYPE AND SIZE OF MECHANICAL PLANT REQUIRED, LOCATION AND SUITABILITY OF WATER SUPPLY FOR CONSTRUCTION AND TESTING PURPOSES, AND ANY OTHER LIKELY MATTERS AFFECTING THE CONSTRUCTION OF THE WORKS.
2. REFER TO APPROVED PLANS FOR LOCATION, DIMENSIONS, AND CONSTRUCTION DETAILS. IF THERE ARE ANY QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS, OR METHOD OF INSTALLATION, CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
3. BEFORE STARTING ANY CLEARING OR CONSTRUCTION, ENSURE ALL THE NEXESSARY MATERIALS AND COMPONENTS ARE ON THE SITE TO AVOID DELAYS IN COMPLETING THE SEDIMENT BASIN ONCE WORKS BEGIN.
4. INSTALL REQUIRES SHORT TERM SEDIMENT RUNOFF DURING CONSTRUCTION OF THE BASIN.
5. THE AREA TO BE COVERED BY THE EMBANKMENT, BORROW PITS AND INCIDENTAL WORKS, TOGETHER WITH AN AREA EXTENDING BEYOND THE LIMITS OF EACH FOR A DISTANCE NOT EXCEEDING 5m ALL AROUND MUST BE CLEARED OF ALL TREES, SCRUB, STUMPS, ROOTS, DEAD TIMBER AND RUBBISH AND DISPOSED OF IN A SUITABLE MANNER. DELAY CLEARING THE MAIN BASIN AREA UNTIL THE EMBANKMENT IS COMPLETE.
6. ENSURE ALL HOLES MADE BY GRUBBING WITHIN THE EMBANKMENT FOOTPRINT ARE FILLED WITH SOUND MATERIAL, ADEQUATELY COMPACTED, AND FINISHED FLUSH WITH THE NATURAL SURFACE.

AUTO DOSER

1. PROVIDED AS FLOW BASED AUTO DOSER TO MANUFACTURES SPECIFICATION.
2. DOSER AND SUPPLY OF FLOCCULANT TO BE PROVIDED ON LEVEL PAD 4m x 4m WITHIN 10m OF DOSING POINT.
3. ALL-WEATHER ACCESS TRACK TO BE PROVIDED TO DOSER.
4. FLOCCULANT PROVIDED AS TURBICLEAR (ahc). IF ALTERNATIVE FLOCCULANT USED THEN THE BASIN SIZE IS TO BE INCREASED ACCORDING TO JAR SETTLEMENT TEST (REFER TO TABLE BELOW).
5. JAR TESTING UNDERTAKEN BY TURBID WITH REPRESENTATIVE SOIL SAMPLES COMPOSITED OVER THE SUBJECT AREA USED. BASED ON JAR TESTING A DOSE RATE OF 100PPM (100L OF ACH PER 1ML OF BASIN STORAGE VOLUME) IS TO BE ADOPTED. NOMINATED ACH COAGULANT IS TURBICLEAR. IF ALTERNATIVE PRODUCT/S USED THAN JAR TESTING TO BE VERIFIED.
6. GIVEN THE CATCHMENT AREA AND DYNAMIC NATURE OF THE SITE IT IS RECOMMENDED THAT A FLOW BASED AUTOMATED DOSER BE INSTALLED AT THE INLET TO THE FOREBAY.
7. A WELL CONSTRUCTED AND DEFINED OPEN CHANNEL OR PIPE WILL BE REQUIRED TO ACHIEVE EFFECTIVE AND ACCURATE FLOW DEPTH RECORDING BY THE DOSE UNIT. A STILLING POND UPSLOPE OF THE INLET TO THE OPEN CHANNEL OR PIPE IS RECOMMENDED TO IMPROVE ACCURACY AND PERFORMANCE OF THE SYSTEM.
8. ALL WEATHER ACCESS TRACK TO BE PROVIDED TO DOSER.
9. THE DOSE UNIT SUPPLIER SHOULD BE CONTACTED TO DISCUSS SETUP AND INSTALLATION REQUIREMENTS.

NOTE: JAR TESTING RESULTS FROM ADJACENT SITE. ADDITIONAL ON SITE TESTING REQUIRED FOR CONFIRMATION OF BASIN SIZING PRIOR TO CONSTRUCTION.

JAR TEST RESULTS (DOSING CHEMICAL: TURBICLEAR ACH)

DOSE RATE (ml/L)	0.00 CONTROL	0.04	0.06	0.08	0.10	0.12
CLARITY ACHIEVED AFTER 5 MINS	481	199	87.4	61.5	58.5	37.2
CLARITY ACHIEVED AFTER 15 MINS	458	84.8	65.5	54.5	39.8	34.2
CLARITY ACHIEVED AFTER 30 MINS	385	68.2	56.9	42.3	30.9	26.7
CLARITY ACHIEVED AFTER 60 MINS	307	53.0	41.1	26.5	17.3	15.6
FINAL pH	7.4	7.4	7.3	7.3	7.3	7.3
FINAL TURBIDITY	307	53	56	26	17	15
FINAL TEST RESULT						

NOTE: STARTING pH = 7.4 STARTING TURBIDITY = 930

EMBANKMENT

1. SCARIFY AREAS ON WHICH FILL IS TO BE PLACED BEFORE PLACING THE FILL.
2. ENSURE ALL FILL MATERIAL USED TO FORM THE EMBANKMENT MEETS THE SPECIFICATIONS CERTIFIED BY A SOIL SCIENTIST OF GEOTECHNICAL SPECIALIST.
3. THE FILL MATERIAL MUST CONTAIN SUFFICIENT MOISTURE SO IT CAN BE FORMED BY HAND INTO A BALL WITHOUT CRUMBLING. IF WATER CAN BE SQUEEZED OUT OF THE BALL, IT IS TOO WET FOR PROPER COMPACTION. PLACE FILL MATERIAL IN 150mm TO 200mm CONTINUOUS LAYERS OVER THE ENTIRE LENGTH OF THE FILL AREA AND THEN COMPACT BEFORE PLACEMENT OF FURTHER FILL.
4. UNLESS SPECIFIED ON THE APPROVED PLANS, COMPACT THE SOIL AT ABOUT % TO 2% WET OPTIMUM AND TO 95% MODIFIED OR 100% STANDARD COMPACTION. EMBANKMENT TO AN ELEVATION 10% HIGHER THAN THE DESIGN HEIGHT TO ALLOW FOR SETTLING.
5. WHERE BOTH DISPERSIVE AND NON-DISPERSIVE CLASSIFIED EARTH-FILL MATERIALS ARE AVAILABLE, NON-DISPERSIVE EARTH-FILL MUST BE USED IN THE CORE ZONE. THE REMAINING CLASSIFIED EARTH-FILL MATERIALS MUST ONLY BE USED AS DIRECTED BY THE SITE SUPERINTENDENT.
6. WHERE SPECIFIED, CONSTRUCT THE EMBANKMENT TO AN ELEVATION 10% HIGHER THAN THE DESIGN HEIGHT TO ALLOW FOR SETTLING; OTHERWISE FINISHED DIMENSION OF THE EMBANKMENT AFTER SPREADING OF TOPSOIL MUST CONFORM TO THE DRAWING WITH A TOLERANCE OF 75mm FROM SPECIFIED DIMENSIONS.
7. ENSURE DEBRIS AND OTHER UNSUITABLE BUILDING WASTE IS NOT PLACED WITHIN THE EARTH EMBANKMENT.
8. AFTER COMPLETION OF THE EMBANKMENT, ALL LOOSE UNCOMPACTED EARTH-FILLMATERIAL ON THE UPSTREAM AND DOWNSTREAM BATTER MUST BE REMOVED PRIOR TO SPREADING TOPSOIL.
9. TOPSOIL AND RE-VEGETATE/STABILISE ALL EXPOSED EARTH AS DIRECTED WITHIN THE APPROVED PLANS.

CUT-OFF TRENCH

1. BEFORE CONSTRUCTION OF THE CUT-OFF TRENCH OR ANY ANCILLARY WORKS WITHIN THE EMBANKMENT FOOTPRINT, ALL GRASS GROWTH AND TOPSOIL MUST BE REMOVED FROM THE AREA TO BE OCCUPIED BY THE EMBANKMENT AND MUST BE DEPOSITED CLEAR OF THIS AREA AND RESERVED FOR TOPDRESSING THE COMPLETED EMBANKMENT.
2. EXCAVATED A CUT-OFF TRENCH ALONG THE CENTRE LINE OF THE EARTH FILL EMBANKMENT. CUT THE TRENCH TO STABLE SOIL MATERIAL, BUT IN NO CASE MAKE IT LESS THAN 600mm DEEP. THE CUT-OFF TRENCH MUST EXTEND INTO BOTH ABUTMENTS TO AT LEAST THE ELEVATION OF THE OUTLET SPILLWAY CREST. MAKE THE MINIMUM BOTTOM WIDTH WIDE ENOUGH TO PERMIT OPERATION OF THE EXCAVATION AND COMPACTION EQUIPMENT, BUT IN NO CASE LESS THAN 600mm. MAKE THE SIDE SLOPES OF THE TRENCH NO STEEPER THAN 1:1 (H:V).
3. ENSURE ALL WATER, LOOSE SOIL, AND ROCK ARE REMOVED FROM THE TRENCH BEFORE BACKFILLING COMMENCES. THE CUT-OFF TRENCH MUST BE BACKFILLED WITH SELECT EARTH-FILL OF THE TYPE SPECIFIED FOR THE EMBANKMENT, AND THIS SOUL MUST HAVE A MOISTURE CONTENT AND DEGREE OF COMPACTION THE SAME AS SPECIFIED FOR THE CORE ZONE.
4. MATERIAL EXCAVATED FROM THE CUT-OFF TRENCH MAY BE USED IN THE CONSTRUCTION OF THE EMBANKMENT PROVIDED IT IS SUITABLE AND IT IS PLACED IN THE CORRECT ZONE ACCORDING TO ITS CLASSIFICATION.

SPILLWAY CONSTRUCTION

1. THE SPILLWAY MUST BE EXCAVATED AS SHOWN ON THE PLANS, AND THE EXCAVATED MATERIAL IF CLASSIFIED AS SUITABLE, MUST BE USED IN THE EMBANKMENT, AND IF NOT SUITABLE IT MUST BE DISPOSED OF INTO SPOIL HEAPS.
2. ENSURE EXCAVATED DIMENSIONS ALLOW ADEQUATE BOXING-OUT SUCH THAT THE SPECIFIED ELEVATIONS, GRADES, CHUTE WIDTH, AND ENTRANCE AND EXIT SLOPES FOR THE EMERGENCY SPILLWAY WILL BE ACHIEVED AFTER PLACEMENT OF THE ROCK OR OTHER SCOUR PROTECTION MEASURES AS SPECIFIED IN THE PLANS.
3. PLACE SPECIFIED SCOUR PROTECTION MEASURES ON THE EMERGENCY SPILLWAY. ENSURE THE FINISHED GRADE BLENDS WITH THE SURROUNDING AREA TO ALLOW A SMOOTH FLOW TRANSITION FROM SPILLWAY TO DOWNSTREAM CHANNEL.
4. IF A SYNTHETIC FILTER FABRIC UNDERLAY IS SPECIFIED, PLACE THE FABRIC DIRECTLY ON THE PREPARED FOUNDATION. IF MORE THAN 1 SHEET OF FILTER FABRIC IS REQUIRED, OVERLAP THE EDGES BY AT LEAST 300mm AND PLACE ANCHOR PINS AT MINIMUM 1m SPACING ALONG THE OVERLAP. BURY THE UPSTREAM END OF THE FILTER FABRIC A MINIMUM 300mm BELOW GROUND AND WHERE NECESSARY, BURY THE LOWER END OF THE FABRIC OR OVERLAP A MINIMUM 300mm OVER THE NEXT DOWNSTREAM SECTION AS REQUIRED. ENSURE THE FILTER FABRIC EXTENDS AT LEAST 1m UPSTREAM OF THE SPILLWAY CREST.
5. TAKE CARE NOT TO DAMAGE THE FABRIC DURING OR AFTER PLACEMENT. IF DAMAGE OCCURS, REMOVE THE ROCK AND REPAIR THE SHEET BY ADDING ANOTHER LATER OF FABRIC WITH A MINIMUM OVERLAP OF 300mm AROUND THE DAMAGED AREA. IF EXTENSIVE DAMAGE IS SUSPECTED, REMOVE AND REPLACE THE ENTIRE SHEET.
6. WHERE LARGE ROCK IS USED, OR MACHINE PLACEMENT IS DIFFICULT, A MINIMUM 100mm LATER OF FINE GRAVEL, AGGREGATE, OR SAND MAY BE NEEDED TO PROTECT THE FABRIC.
7. PLACEMENT OF ROCK SHOULD FOLLOW IMMEDIATELY AFTER PLACEMENT OF THE FILTER FABRIC. PLACE ROCK SO THAT IT FORMS A DENSE, WELL GRADED MASS O ROCK WITH A MINIMUM OF VOIDS. THE DESIRED DISTRIBUTION OF ROCK THROUGHOUT THE MASS MAYBE OBTAINED BY SELECTIVE LOADING AT THE QUARRY AND CONTROLLED DUMPING DURING FINAL PLACEMENT.
8. THE FINISHED SLOPE SHOULD BE FREE OF POCKETS OF SMALL ROCK OR CLUSTERS OF LARGE ROCKS. HAND PLACING MAY BE NECESSARY TO ACHIEVE THE PROPER DISTRIBUTION OF ROCK SIZES TO PRODUCE A RELATIVELY SMOOTH, UNIFORM SURFACE. THE FINISHED GRADE OF THE ROCK SHOULD BLEND WITH THE SURROUNDING AREA. NO OVERFALL OF PROTRUSION OF ROCK SHOULD BE APPARENT.
9. ENSURE THAT THE FINAL ARRANGEMENT OF THE SPILLWAY CREST WILL NOT PROMOTE EXCESSIVE FLOW THROUGH THE ROCK SUCH THAT THE WATER CAN BE RETAINED WITHIN THE SETTLING BASIN AT THE ELEVATION NO LESS THAN 50mm ABOVE OR BELOW THE NOMINATED SPILLWAY CREST ELEVATION.

ESTABLISHING THE SETTLING POND

1. THE AREA TO BE COVERED BY THE STORED WATER OUTSIDE OF THE LIMITS OF THE BORROW PITS MUST BE CLEARED RUBBISH. TREES MUST BE CUT DOWN STUMP HIGH AND REMOVED FROM THE IMMEDIATE VICINITY OF THE WORK.
2. ESTABLISH ALL REQUIRED INFLOW CHUTES AND INLET BAFFLES, IF SPECIFIED, TO ENABLE WATER TO DISCHARGE INTO THE BASIN IN A MANNER THAT WILL NOT CAUSE SOIL EROSION OR THE RE-SUSPENSION OF SETTLED SEDIMENT.
3. INSTALL A SEDIMENT STORAGE LEVEL MARKER POST WITH A CROSS MEMBER SET JUST BELOW THE TOP OF THE SEDIMENT STORAGE ZONE (AS SPECIFIED ON THE APPROVED PLANS). USE AT LEAST A 75mm WIDE POST FIRMLY SET INTO THE BASIN FLOOR.
4. IF SPECIFIED, INSTALL INTERNAL SETTLING POND BAFFLES. ENSURE THE CREST OF THESE BAFFLES IS SET LEVEL WITH, OR JUST BELOW, THE ELEVATION OF THE EMERGENCY SPILLWAY.
5. INSTALL ALL APPROPRIATE MEASURES TO MINIMISE SAFETY RISK TO ON-SITE PERSONNEL AND THE PUBLIC CAUSED BY THE PRESENCE OF THE SETTLING POND. AVOID STEEP, SMOOTH INTERNAL SLOPES. APPROPRIATELY FENCE THE SETTLING POND AND POST WARNING SIGNS IF UNSUPERVISED PUBLIC ACCESS IS LIKELY OR THERE IS CONSIDERED TO BE AN UNACCEPTABLE RISK TO THE PUBLIC.

DEWATERING NOTES:

1. TYPE D BASINS MUST BE TREATED TO DISCHARGE CRITERIA AND DEWATERED WITHIN 5 DAYS OF RAINFALL. ALTERNATIVELY SETTLING ZONE MUST BE DEWATERED WITHIN 5 DAYS OF RAINFALL, WITH WATER USED ONSITE (I.E. FOR DUST SUPPRESSION) PROVIDED APPLICATION OF WATER DOES NOT RESULT IN RUNOFF BEING RELEASED FROM THE SITE.
2. HES BASINS MAY RETAIN WATER POST RAIN EVENTS PROVIDED WATER CONTAINED IN THE MAIN CELL IS WITHIN DISCHARGE CRITERIA. PRIOR TO IMMINENT RAINFALL WATER WITHIN THE SETTLING ZONE SHOULD BE DEWATERED, UNLESS MONITORING CAN DEMONSTRATE THAT BASIN PERFORMANCE RESULTS IN WATERS ACHIEVING DISCHARGE CRITERIA WITHOUT DEWATERING DURING ALL DESIGN EVENTS.

DISCHARGE CRITERIA:

APPROVAL LIMITS	
pH	TSS
6.5-8.5	<50mg/L

EROSION & SEDIMENT CONTROL NOTES

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

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

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

MAINTENANCE

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

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

SCALE
ORIGINAL SHEET SIZE A1

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - NOTES SHEET 1

JOB CODE MIR-1700
SHEET NUMBER C750
REV A

ROLES AND RESPONSIBILITIES

ROLE	RESPONSIBILITY
PROJECT MANAGER	• OVERALL RESPONSIBILITY OF ESC IMPLEMENTATION • NOTIFY THE ENVIRONMENTAL MANAGER IMMEDIATELY OF ANY NON-COMPLIANCE WITH ESCP • ENSURE THE PROMPT IMPLEMENTATION OF MEASURES TO MITIGATE EROSION AND SEDIMENT GENERATION
SITE SUPERVISOR / FOREMEN	• MONITOR DAILY RAINFALL • NOTIFY ENVIRONMENTAL ADVISOR/CONSULTANT WHEN RUNOFF GENERATING RAINFALL OCCURS IN THE PREVIOUS 24 HOURS • MAINTAIN CURRENT RECORDS OF RAINFALL, STORAGE VOLUMES, WATER QUALITY, TREATMENT PRACTICES, DISCHARGE VOLUMES (AS APPROPRIATE) • INSTALLATION AND MAINTENANCE OF ESC
ENVIRONMENTAL MANAGER	• PROVIDE DESIGN INFORMATION AS REQUIRED • CONDUCT IN-SITU MONITORING (AS REQUIRED) • COLLECT AND SUBMIT SAMPLES TO LABORATORY (AS REQUIRED) • COLLATE RESULTS AND PREPARE REPORTS (AS REQUIRED) • CONDUCT SITE INSPECTIONS AN AUDITS (AS REQUIRED) • INSPECT ESC INSTALLATION AND MAINTENANCE • INSPECT OFFSITE IMPACTS AND MANAGEMENT • PROVIDE ADVICE REGARDING ESC SITE IMPROVEMENT (AS REQUIRED)
ALL PERSONNEL	• REPORT ANY DAMAGE TO ESC DEVICES AND ANY POTENTIAL OR ACTUAL ENVIRONMENTAL HARM IN LINE WITH DUTY TO NOTIFY UNDER THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION ACT 1994

CORRECTIVE AND PREVENTATIVE ACTION

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

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

BEST PRACTICE SITE MANAGEMENT REQUIRES ALL ESC MEASURES TO BE INSPECTED BY THE CONTRACTORS NOMINATED REPRESENTATIVE AT LEAST DAILY WHEN RAIN IS OCCURRING, WITHIN 24 HOURS PRIOR TO EXPECTED RAINFALL, AND WITHIN 18 HOURS OF A RAINFALL EVENT OF SUFFICIENT INTENSITY AND DURATION TO CAUSE ONSITE RUNOFF (IECA, 2025). SUCH INSPECTIONS MUST CHECK:

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

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

T. CLARK (CPESC No. 6089)

APPROVAL ISSUE – NOT FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
10/07/2026	A	ISSUED FOR OPERATIONAL WORKS APPROVAL	KK	PB

REVISIONS

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

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

CLIENT MIRVAC QUEENSLAND PTY LTD
PROJECT EVERLEIGH PRECINCT 3 BULK EARTHWORKS
LOCATION TEVIOT ROAD, GREENBANK
SHEET TITLE EROSION AND SEDIMENT CONTROL - NOTES SHEET 2

JOB CODE MIR-1700
SHEET NUMBER C751
REV A