

PROPOSED DEVELOPMENT

48 VILLAGE BOULEVARD, SOUTPORT, QLD 4215

CIVIL WORKS

NOTE:

THE FOLLOWING INSPECTIONS MUST BE COMPLETED BY ADG ENGINEERS BEFORE ENGINEERING CERTIFICATION WILL BE ISSUED. THE CONTRACTOR IS TO PROVIDE A MINIMUM OF 72 HOURS NOTICE TO ADG FOR REQUIRED INSPECTIONS. SHOULD THE CONTRACTOR FAIL TO REQUEST AN INSPECTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS TO ALLOW FOR THE WORKS TO BE INSPECTED TO THE SATISFACTION OF ADG. ANY INSPECTIONS THAT FAIL ARE TO BE RE-INSPECTED WITH ALL REINSPECTION COSTS TO BE PAID BY THE CONTRACTOR.

- a) PRESTART
- b) EARTHWORKS - FINAL STRIPPING OF TOPSOIL, INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES
- c) UNSUITABLE GROUND
- d) STORMWATER PIPE LAID ON BEDDING PRIOR TO BACKFILL
- e) STORMWATER TRENCH BACKFILLED PRIOR TO PAVEMENT PLACEMENT
- f) STORMWATER STRUCTURE BASE SLABS
- g) PRACTICAL COMPLETION
- h) ON MAINTENANCE

GENERAL NOTES:

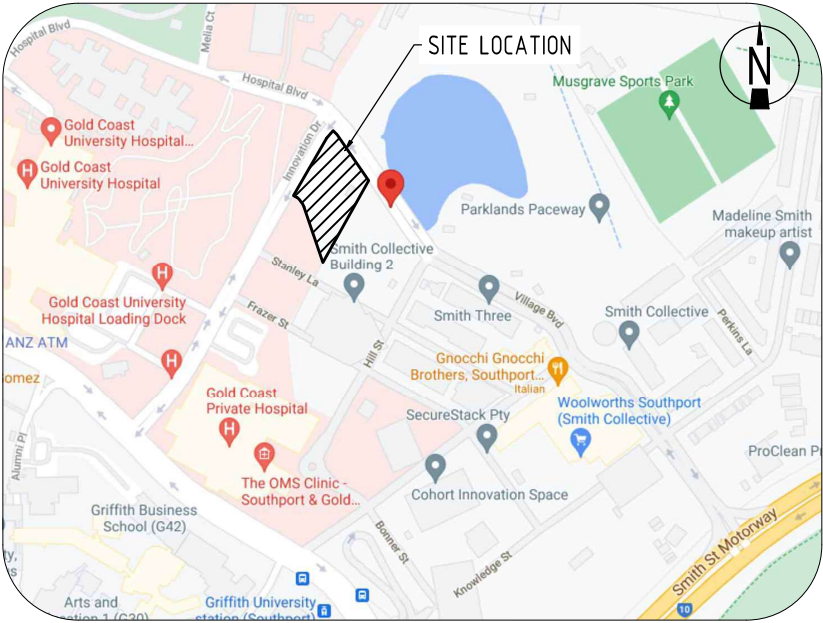
- G1. ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE SHOWN.
- G2. ALL SETOUT ON SITE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO ALLOW FOR ALL MEANS NECESSARY TO ACCURATELY SETOUT THE WORKS.
- G3. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND WHERE FURTHER DETAILS ARE REQUIRED THE CONTRACTOR SHALL REFER TO GOLD COAST CITY COUNCIL (GCCC) DEVELOPMENT GUIDELINES, LOCAL WATER AUTHORITY GUIDELINES, ASSOCIATED STANDARD DRAWINGS AND SPECIFICATIONS U.N.O.
- G4. SHOULD ANY OF THE CONSTRUCTED WORKS BE CONSTRUCTED OUTSIDE OF THE TOLERANCES SPECIFIED WITHIN THE PROJECT SPECIFICATION AND LOCAL AUTHORITY REQUIREMENTS, THE CONTRACTOR WILL RECTIFY AT THEIR COST INCLUSIVE OF ANY ADDITIONAL COSTS INCURRED BY ADG.
- G5. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. NO RESPONSIBILITY IS TAKEN BY ADG OR THE PRINCIPAL FOR THE ACCURACY AND COMPLETENESS OF THIS INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. CONTRACTOR TO LOCATE AND PROTECT SERVICES AS REQUIRED DURING PROPOSED WORKS.
- G6. THE CONTRACTOR IS TO CHECK THROUGH LOCATING, POTHOLING AND SURVEY ALL CRITICAL CONNECTION POINTS FOR ALL CIVIL WORKS SHOWN ON THE DRAWINGS INCLUDING ANY POTENTIAL EXISTING SERVICES CLASHES PRIOR TO COMMENCEMENT OF CIVIL WORKS. CONTRACTOR TO IMMEDIATELY REPORT ANY DISCREPANCIES TO ADG AND AWAIT FORMAL DIRECTION PRIOR TO COMMENCING CIVIL WORKS.
- G7. ON COMPLETION OF SERVICES INSTALLATION, ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL LEVEL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS AND ROAD PAVEMENTS.
- G8. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO AUTHORITY/COUNCIL'S INFRASTRUCTURE. SUCH REPAIR OR REINSTATEMENT TO BE CARRIED OUT IMMEDIATELY TO THE SATISFACTION OF INFRASTRUCTURE OWNER/MANAGER / AUTHORITY/COUNCIL.
- G9. CONTRACTOR TO UNDERTAKE ALL WORKS IN ACCORDANCE WITH ALL WORKPLACE HEALTH AND SAFETY REQUIREMENTS.
- G10. WHERE ANY EXCAVATION OR CONSTRUCTION WORKS ARE TO BE IN CLOSE PROXIMITY TO NEIGHBOURING LOT BOUNDARIES OR INFRASTRUCTURE, CONTRACTOR TO ALLOW IN SCOPE OF WORKS TO PROVIDE ALL MEASURES NECESSARY TO ENSURE THE INTEGRITY OF EXISTING BOUNDARIES AND INFRASTRUCTURE. THIS MAY INCLUDE THE USE OF LOW VIBRATION EQUIPMENT, TRENCH SHORING ETC AS REQUIRED.
- G11. PRIOR TO THE CONTRACTOR COMMENCING ANY WORKS DETAILED ON THESE DRAWINGS, THE CONTRACTOR IS TO NOTIFY ADG ENGINEERS (AUST.) Pty. Ltd. AND RECEIVE WRITTEN CONFIRMATION THAT WORKS CAN COMMENCE
- G12. CONTRACTOR TO PROVIDE AS CONSTRUCTED DRAWINGS FOR ALL CONSTRUCTED WORKS IN ACCORDANCE WITH LOCAL GOVERNMENT REQUIREMENTS. UNLESS OTHERWISE ADVISED BY ADG ENGINEERS (AUST.) Pty. Ltd. CONTRACTOR TO NOTE COUNCILS ADAC REQUIREMENTS.
- G13. CONTRACTOR TO UNDERTAKE ALL WORKS IN ACCORDANCE WITH RELEVANT APPROVALS.
- G14. CONTRACTOR TO ALLOW TO LIAISE/CO-ORDINATE WITH ELECTRICAL, LANDSCAPE AND OTHER SERVICE CONTRACTORS THROUGHOUT CIVIL CONSTRUCTION.

ADG CIVIL SERVICES

- i) OFF MAINTENANCE
- j) ANY OTHER INSPECTION AS SPECIFIED BY THE RELEVANT AUTHORITY (REFER DEVELOPMENT APPROVAL)

LOCALITY PLAN

NOT TO SCALE



PROPERTY DESCRIPTION

LOT: 16 ON SP275512
LOT: 18 ON SP275512

DRAWING SCHEDULE

DRAWING No.	DRAWING TITLE
C01	DRAWING SCHEDULE NOTES AND LOCALITY PLAN
C02	EXISTING FEATURES LAYOUT PLAN
C10	EROSION AND SEDIMENT CONTROL LAYOUT PLAN
C11	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
C20	EARTHWORKS LAYOUT PLAN
C21	EARTHWORKS SITE SECTIONS
C30	ROADWORK AND DRAINAGE LAYOUT PLAN

ISSUED FOR APPROVAL

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2021/1181
Date: 8 December 2021



ADG RPEQ CERTIFICATION
PROJECT NUMBER: 24792
PROJECT NAME: 48 VILLAGE BOULEVARD
DATE: 08.09.21
CERTIFIED BY: MICHAEL LEPELAAR
RPEQ NUMBER: 11171
SIGNATURE: [Signature]



Gold Coast Office
Suite 201, Level 1, 1 Short Street,
Southport, Queensland 4215, Australia
PO Box 208, Southport BC, Queensland 4215
T 1300 657 402 F +617 5528 4723
E info@adgco.com W www.adgco.com
BRISBANE / DARWIN / GOLD COAST / MELBOURNE / PERTH /
SUNSHINE COAST / SYDNEY / TOOWOOMBA

Client
INFINITE AGED CARE (DEVELOPMENTS) PTY LTD
Project Name
48 VILLAGE BOULEVARD
SOUTHPORT
QLD 4215

Discipline
CIVIL
Designed By
LDV
Checked By
DS
Project No.
24792
Drawn By
MD
Status
APPROVAL
Approved By
ML
Scale at A1
NTS
The concepts and information contained in this document are the copyright of ADG Engineers (Aust) Pty Ltd. Use or copying of the document in whole or in part without the written permission of ADG Engineers (Aust) Pty Ltd constitutes an infringement of copyright. Do not scale drawings. If in doubt, ask!

Title
DRAWING SCHEDULE NOTES AND LOCALITY PLAN

Drawing No.
C01
Revision
02

LEGEND

— 12.0 —	EXISTING SURFACE CONTOURS
— — — — —	LIMIT OF WORKS
— — — — —	SITE BOUNDARY
— — — — —	EXISTING PROPERTY BOUNDARY
— — — — —	EXISTING EASEMENT BOUNDARY
— — — — —	EXISTING NOMINAL KERB LINE / EDGE OF ROAD
— — — — —	EXISTING EDGE OF BITUMEN
— — — — —	EXISTING ROAD CENTERLINE
— — — — —	EXISTING EDGE OF BUILDING
— — — — —	EXISTING EDGE OF BUILDING EAVE
— SWD —	EXISTING STORMWATER DRAINAGE
— dSWD —	EXISTING STORMWATER DRAINAGE (RECORDS)
— S —	EXISTING SEWER
— dS —	EXISTING SEWER (RECORDS)
— W —	EXISTING WATER
— dW —	EXISTING WATER (RECORDS)
— E —	EXISTING UNDERGROUND ELECTRICITY
— dE —	EXISTING UNDERGROUND ELECTRICITY (RECORDS)
— OE —	EXISTING OVERHEAD ELECTRICITY
— G —	EXISTING GAS
— dG —	EXISTING GAS (RECORDS)
— NBN —	EXISTING NBN
— dNBN —	EXISTING NBN (RECORDS)
— T —	EXISTING TELECOMMUNICATIONS
— dT —	EXISTING TELECOMMUNICATIONS (RECORDS)
— C —	EXISTING COMMUNICATIONS
— — — — —	EXISTING BATTER
— — — — —	EXISTING FENCE
⊗	EXISTING TREE TO BE PROTECTED AND RETAINED
⊗	EXISTING TREE TO BE REMOVED
▨	EXISTING ROAD
▨	EXISTING FOOTPATH

NOTE

EXCEPT WHERE NOTED ON PLAN AND ASSOCIATED DESIGN DRAWINGS, ALL IN-GROUND SERVICES WITHIN THE PROPERTY BOUNDARY INCLUDING BUT NOT LIMITED TO: STORMWATER DRAINAGE, SEWERAGE, WATER, GAS, ELECTRICAL AND COMMUNICATIONS TO BE SAFELY DISCONNECTED, REMOVED FROM SITE AND CAPPED OFF AT SITE BOUNDARY. CONTRACTOR TO ARRANGE ALL NECESSARY APPLICATIONS AND PERMITS WITH THE RELEVANT AUTHORITIES. SERVICES TO BE CAPPED IN ACCORDANCE WITH RELEVANT SERVICE PROVIDER SPECIFICATIONS AND STANDARD DETAILS U.N.O.

CAUTION

THE LOCATION AND DEPTH OF EXISTING SERVICES AS SHOWN IS BASED ON INFORMATION OBTAINED FROM FOCUS SURVEYS DATED 01/03/21 AND COUNCIL RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE ACTUAL LOCATION AND DEPTH OF EXISTING SERVICES PRIOR TO CARRYING OUT ANY EXCAVATION, TRENCHING OR TUNNELING WORKS.

WARNING

EXISTING FIBRE OPTIC, ELECTRICAL AND TELECOM CABLES MAY EXIST IN THE VICINITY OF REQUIRED WORKS. FOR ALL WORK WITHIN 2.5m OF MAJOR OPTIC CABLES, THE CONTRACTOR IS REQUIRED TO HAND DIG (POTHOLE) AND EXPOSE THE CABLE/CONDUIT. BEFORE WORK CAN COMMENCE, ON SITE LOCATION SHOULD BE SOUGHT FROM AN ACCREDITED PLANT LOCATOR.



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2021/1181
Date: 8 December 2021



ADO RPEQ CERTIFICATION

PROJECT NUMBER: 24792
PROJECT NAME: 48 VILLAGE BOULEVARD
DATE: 05.05.21
CERTIFIED BY: MICHAEL LEPELAAR
RPEQ NUMBER: 11171
SIGNATURE:

0 2 4 6 8 10m
SCALE 1:200
AT ORIGINAL SIZE (A1)



Gold Coast Office
Suite 201, Level 1, 1 Short Street,
Southport, Queensland 4215, Australia
PO Box 208, Southport BC, Queensland 4215
T 1300 657 402 F +617 5528 4723
E info@adgco.com W www.adgco.com
BRISBANE / DARWIN / GOLD COAST / MELBOURNE / PERTH /
SUNSHINE COAST / SYDNEY / TOOWOOMBA

Client
INFINITE AGED CARE (DEVELOPMENTS) PTY LTD

Project Name
48 VILLAGE BOULEVARD
SOUTHPORT
QLD 4215

Discipline
CIVIL

Designed By
LDV

Project No.
24792

Status
APPROVAL

Checked By
DS

Drawn By
MD

Approved By
ML

Scale at A1
1:200

The concepts and information contained in this document are the copyright of ADG Engineers (Aust) Pty Ltd. Use or copying of the document in whole or in part without the written permission of ADG Engineers (Aust) Pty Ltd constitutes an infringement of copyright. Do not scale drawings. If in doubt, ask!

ISSUED FOR
APPROVAL

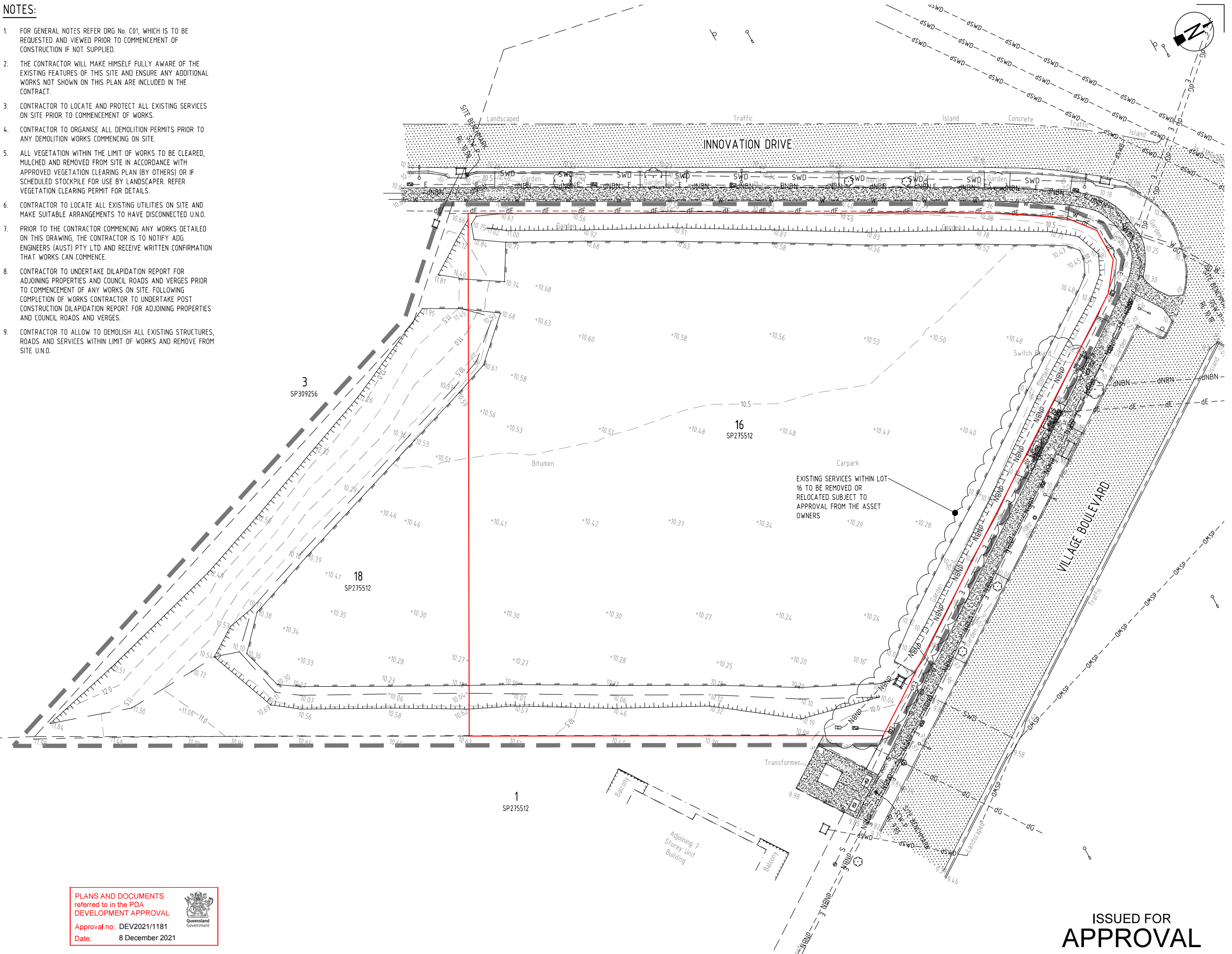
Title
EXISTING FEATURES
LAYOUT PLAN

Drawing No.
C02

Revision
01

NOTES:

- FOR GENERAL NOTES REFER DRG No. C01, WHICH IS TO BE REQUESTED AND VIEWED PRIOR TO COMMENCEMENT OF CONSTRUCTION IF NOT SUPPLIED.
- THE CONTRACTOR WILL MAKE HIMSELF FULLY AWARE OF THE EXISTING FEATURES OF THIS SITE AND ENSURE ANY ADDITIONAL WORKS NOT SHOWN ON THIS PLAN ARE INCLUDED IN THE CONTRACT.
- CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- CONTRACTOR TO ORGANISE ALL DEMOLITION PERMITS PRIOR TO ANY DEMOLITION WORKS COMMENCING ON SITE.
- ALL VEGETATION WITHIN THE LIMIT OF WORKS TO BE CLEARED, MULCHED AND REMOVED FROM SITE IN ACCORDANCE WITH APPROVED VEGETATION CLEARING PLAN (BY OTHERS) OR IF SCHEDULED STOCKPILE FOR USE BY LANDSCAPER. REFER VEGETATION CLEARING PERMIT FOR DETAILS.
- CONTRACTOR TO LOCATE ALL EXISTING UTILITIES ON SITE AND MAKE SUITABLE ARRANGEMENTS TO HAVE DISCONNECTED U.N.O.
- PRIOR TO THE CONTRACTOR COMMENCING ANY WORKS DETAILED ON THIS DRAWING, THE CONTRACTOR IS TO NOTIFY ADG ENGINEERS (AUST) PTY LTD AND RECEIVE WRITTEN CONFIRMATION THAT WORKS CAN COMMENCE.
- CONTRACTOR TO UNDERTAKE DILAPIDATION REPORT FOR ADJOINING PROPERTIES AND COUNCIL ROADS AND VERGES PRIOR TO COMMENCEMENT OF ANY WORKS ON SITE. FOLLOWING COMPLETION OF WORKS CONTRACTOR TO UNDERTAKE POST CONSTRUCTION DILAPIDATION REPORT FOR ADJOINING PROPERTIES AND COUNCIL ROADS AND VERGES.
- CONTRACTOR TO ALLOW TO DEMOLISH ALL EXISTING STRUCTURES, ROADS AND SERVICES WITHIN LIMIT OF WORKS AND REMOVE FROM SITE U.N.O.



LEGEND

	SITE BOUNDARY
	EXISTING PROPERTY BOUNDARY
	EXISTING SURFACE CONTOURS
	FINISHED SURFACE CONTOURS
	EXISTING NOMINAL KERB LINE
	EXISTING STORMWATER DRAINAGE
	EXISTING STORMWATER DRAINAGE DBYD
	PROPOSED NOMINAL KERB LINE
	PROPOSED BATTER
	PROPOSED STORMWATER DRAINAGE
	PROPOSED DRAIN
	FIELD INLET SEDIMENT BARRIER
	GULLY PIT SEDIMENT BARRIER
	PROPOSED SUMP PIT
	PROPOSED FIELD INLET
	FLOW DIRECTION
	SEDIMENT FENCE (INDICATIVE LOCATION)
	CHECK DAM
	PROPOSED SWALE (TURFED)
	LIMIT OF WORKS
	CONSTRUCTION ENTRY/EXIT SHAKEDOWN AREA
	EXISTING ROAD
	EXISTING FOOTPATH

GENERAL NOTE:

- FOR GENERAL NOTES REFER DRG No. C01, WHICH IS TO BE REQUESTED AND VIEWED PRIOR TO COMMENCEMENT OF CONSTRUCTION IF NOT SUPPLIED.

SEDIMENT RELEASE GUIDELINES:

- ALL RELEASES OF STORMWATER CAPTURED ONSITE, UNLESS OTHERWISE NOTED IN THIS STANDARD, MUST NOT EXCEED THE FOLLOWING LIMITS:
 - 50mg/L OF TOTAL SUSPENDED SOLIDS (TSS) AS A MAXIMUM CONCENTRATION;
 - TURBIDITY (NTU) VALUE LESS THAN 10% ABOVE BACKGROUND;
 - pH VALUE MUST BE IN THE RANGE 6.5 TO 8.5 EXCEPT WHERE, AND TO THE EXTENT THAT, THE NATURAL RECEIVING WATERS LIE OUTSIDE THIS RANGE.
- THE CONCENTRATION OF TSS RELEASED BY DEWATERING MAY ONLY EXCEED 50mg/L WHERE IT CAN BE DEMONSTRATED AND SUPPORTED THROUGH DOCUMENTATION THAT:
 - FURTHER SIGNIFICANT RAINFALL IS FORECAST TO OCCUR BEFORE THE TSS CONCENTRATION IS LIKELY TO BE REDUCED TO 50mg/L;
 - RELEASING A HIGHER CONCENTRATION OF TOTAL SUSPENDED SOLIDS WILL RESULT IN A BETTER ENVIRONMENTAL OUTCOME BY PROVIDING STORAGE FOR THE CAPTURE AND TREATMENT OF RUN-OFF FROM THE IMMINENT RAINFALL AND RUN-OFF.
- ALL REASONABLE AND PRACTICABLE STEPS HAVE BEEN TAKEN TO TREAT THE WATER WITHIN BEST-PRACTICE TIME FRAMES;
 - FLOCCULENT HAS BEEN APPROPRIATELY APPLIED AND THE CONCENTRATION OF TSS IN THE CAPTURED WATER HAS ALREADY SIGNIFICANTLY DECREASED.
- FOR ALL OTHER STORMWATER RELEASES, FLOWS AND DISCHARGES FROM THE SITE, THE RELEASE LIMIT PRESCRIBED IN (1a) ABOVE MUST NOT BE EXCEEDED UNLESS THE DEVELOPMENT IS IN FULL COMPLIANCE WITH THIS STANDARD.

NOTE: IT IS RECOMMENDED THAT A SITE-SPECIFIC RELATIONSHIP BETWEEN TURBIDITY AND SUSPENDED SOLIDS IS DETERMINED FOR EACH SEDIMENT BASIN. ONCE A CORRELATION BETWEEN SUSPENDED SOLIDS AND TURBIDITY HAS BEEN ESTABLISHED FOR A SEDIMENT BASIN, TESTING STORMWATER FOR COMPLIANCE WITH RELEASE LIMITS, PRIOR TO RELEASE, CAN BE DONE ON SITE WITH A TURBIDITY TUBE OR CALIBRATED TURBIDITY METER. THIS HAS THE ADVANTAGE OF PROVIDING IMMEDIATE ASSESSMENT TO JUSTIFY A RELEASE RATHER THAN WAITING FOR LABORATORY RESULTS TO CONFIRM CONCENTRATION LEVELS AND COMPLIANCE. NOTE THAT POST-RELEASE TSS VALIDATION IS APPROPRIATE TO DEMONSTRATE THAT THE NTU/TSS CORRELATION IS BEING MAINTAINED.

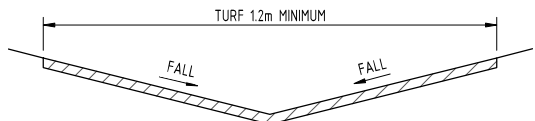
NOTE: BACKGROUND REFERS TO RECEIVING WATER QUALITY IMMEDIATELY UPSTREAM OF THE SITE LOCATION RELEASE POINT AT THE TIME OF RELEASE. WHERE THERE IS NO IMMEDIATE UPSTREAM RECEIVING WATER AT THE LOCATION AND TIME OF RELEASE, THEN THE TURBIDITY RELEASE LIMIT (NTU) WILL BE EQUAL TO THE RELEASE LIMIT FOR 50mg/L TOTAL SUSPENDED SOLIDS (TSS) BASED UPON THE ONSITE CORRELATION BETWEEN TSS AND NTU.

SEDIMENT AND EROSION CONTROL:

CONTRACTOR TO ALLOW FOR PROVISION OF ALL REQUIRED EROSION AND SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH IECA AND GOLD COAST CITY COUNCIL POLICIES AND GUIDELINES

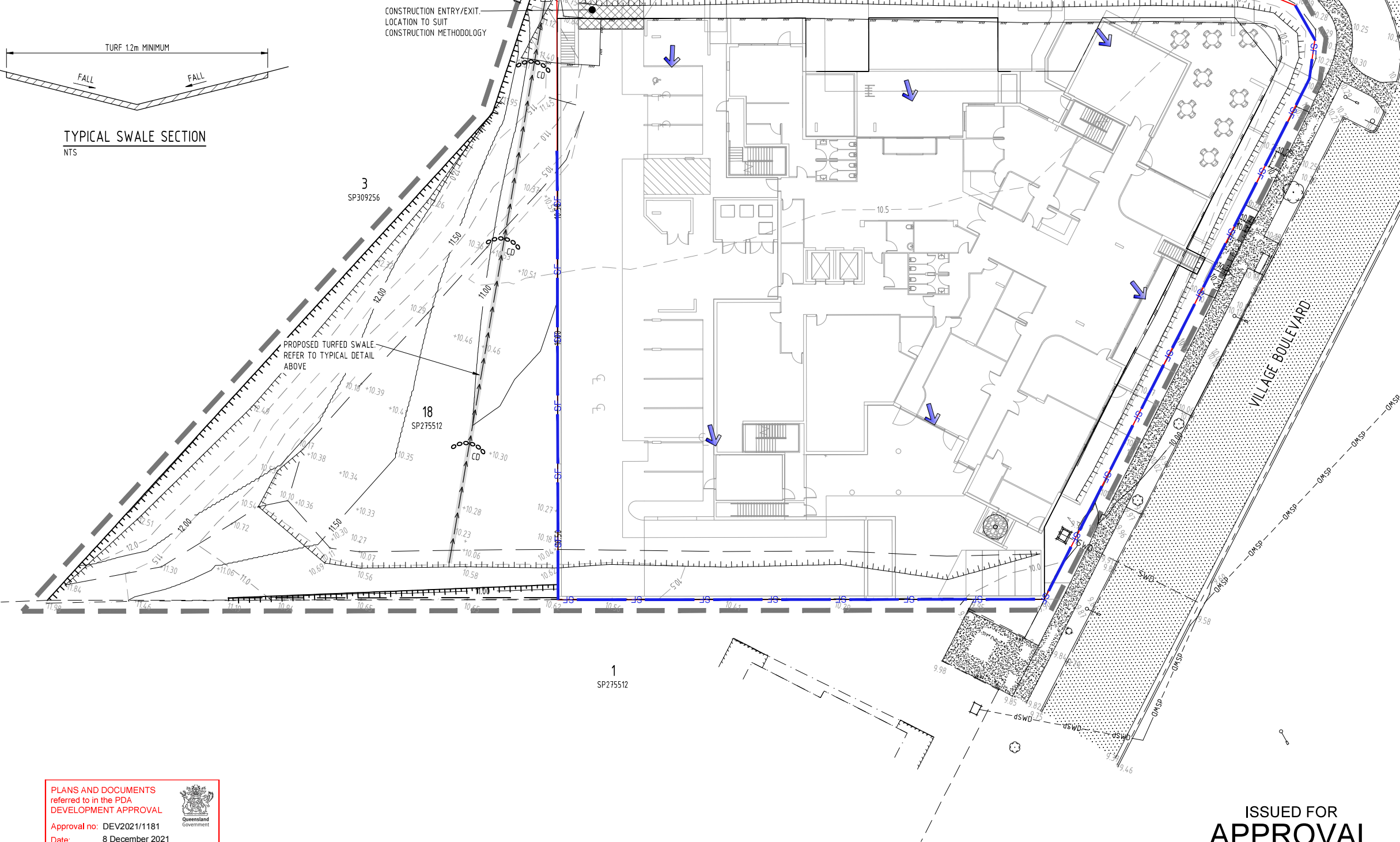
NOTES

- FOR EROSION AND SEDIMENT CONTROL NOTES AND DETAILS REFER DRG No. C11
- ALL DISTURBED SURFACES TO BE LANDSCAPED IN ACCORDANCE WITH LANDSCAPE CONSULTANTS DRAWINGS
- CONTRACTOR TO PROVIDE PUMP-OUT LOCATION AT LOWER BASE EXCAVATION. CONTRACTOR TO FLOCK WATER TO SATISFY COUNCIL GUIDELINES TO PUMP-OUT WATER.
- CONCRETE WASHOUT TO NOT BE UNDERTAKEN ON SITE, OR TO BE UNDERTAKEN ON A DESIGNATED LOCATION. CONTRACTOR TO ESTABLISH CONCRETE WASHOUT AS PER IECA GUIDELINES.



TYPICAL SWALE SECTION

NTS



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2021/1181
Date: 8 December 2021



ADG RPEQ CERTIFICATION
PROJECT NUMBER: 24792
PROJECT NAME: 48 VILLAGE BOULEVARD
DATE: 05.05.21
CERTIFIED BY: MICHAEL LEPELAAR
RPEQ NUMBER: 11171
SIGNATURE:

0 2 4 6 8 10m
SCALE 1:200
AT ORIGINAL SIZE (A1)

ADG
Gold Coast Office
Suite 201, Level 1, 1 Short Street,
Southport, Queensland 4215, Australia
PO Box 208, Southport BC, Queensland 4215
T 1300 657 402 F +617 5528 4723
E info@adgco.com W www.adgco.com
BRISBANE / DARWIN / GOLD COAST / MELBOURNE / PERTH /
SUNSHINE COAST / SYDNEY / TOOWOOMBA

Client
INFINITE AGED CARE (DEVELOPMENTS) PTY LTD
Project Name
48 VILLAGE BOULEVARD
SOUTHPORT
QLD 4215

Discipline
CIVIL
Designed By
LDV
Checked By
DS
Project No.
24792
Drawn By
MD
Status
APPROVAL
Approved By
ML
Scale at A1
1:200
The concepts and information contained in this document are the copyright of ADG Engineers (Aust) Pty Ltd. Use or copying of the document in whole or in part without the written permission of ADG Engineers (Aust) Pty Ltd constitutes an infringement of copyright. Do not scale drawings. If in doubt, ask!

ISSUED FOR
APPROVAL
Title
EROSION AND SEDIMENT CONTROL
LAYOUT PLAN

Drawing No.
C10
Revision
01

NOTES:

SEDIMENT CONTROL

- ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE IN ACCORDANCE WITH INTERNATIONAL EROSION CONTROL ASSOCIATION (IECA) AUSTRALIA GUIDELINES AND THE SPECIFICATIONS.
- EROSION AND SEDIMENT CONTROL DETAILS SHOWN ARE MINIMUM REQUIREMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL ADDITIONAL CONTROL MEASURES AS DEEMED NECESSARY THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL SEDIMENT CONTROL DEVICES IN A FUNCTIONAL ORDER AND REPLACE ALL BLOCKED SEDIMENT DEVICES AS REQUIRED UNTIL SUCCESSFUL OFF MAINTENANCE OF WORKS.
- CONSTRUCTION OF ALL SEDIMENT MANAGEMENT DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT. SHALL BE COMPLETED AND EFFECTIVE PRIOR TO:
 - STRIPPING OF TOPSOIL AND GRASS.
 - BULK EARTHWORKS TO THE SITE.
 - SERVICES INSTALLATION.
 - PAVEMENT CONSTRUCTION.
- ALL SEDIMENT MANAGEMENT MEASURES ARE TO REMAIN IN PLACE UNTIL INSTRUCTION IS RECEIVED IN WRITING FROM THE SUPERINTENDENT TO REMOVE ALL OR PART OF THE SILT CONTROL APPLICATIONS.
- THE BULK EARTHWORKS AND SEDIMENT CONTROL LAYOUT PLAN SHALL BE READ IN CONJUNCTION WITH THE APPROVED DRAWINGS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION APPROVAL IS TO BE OBTAINED FROM THE SUPERINTENDENT FOR THE LOCATION OF THE SITE ACCESS POINT AND WASH DOWN AREA WHICH ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- IF EROSION AND SEDIMENT CONTROL DEVICES HAVE BEEN FOUND TO BE DIFFERENT OR FAILED IN SERVICE, CORRECTIVE ACTION IS TO BE UNDERTAKEN IMMEDIATELY WHICH MAY INCLUDE AMENDMENTS' ADDITIONS TO THE ORIGINAL APPROVED EROSION CONTROL PLANS. SUCH AMENDMENTS ARE TO BE APPROVED BY SUPERINTENDENT, IF DEEMED NECESSARY AND RELEVANT.

OVERALL

- TEMPORARY DRAINAGE CONTROL FLOW SHOULD BE DIVERTED AROUND THE WORK SITE WHERE POSSIBLE.
- ALL DRAINAGE, EROSION AND SEDIMENT CONTROLS TO BE INSTALLED AND BE OPERATIONAL BEFORE COMMENCING UP-SLOPE EARTHWORKS.
- IN AREAS WHERE RUNOFF TURBIDITY IS TO BE CONTROLLED, EXPOSED SURFACES TO BE EITHER MULCHED, COVERED WITH EROSION CONTROL BLANKETS OR TURFED IF EARTHWORKS ARE EXPECTED TO BE DELAYED FOR MORE THAN 14 DAYS.

SEDIMENT FENCE

- FOR SEDIMENT FENCE STANDARD DETAIL AND SPECIFICATION REFER TO INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWINGS SF-01 AND SF-02 SEDIMENT FENCE.

TEMPORARY CONSTRUCTION ENTRY/EXIT

- FOR CONSTRUCTION ENTRY / EXIT STANDARD DETAIL AND SPECIFICATION REFER TO INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWINGS EXIT-01 AND EXIT-02 CONSTRUCTION EXIT - ROCK PAD (CONSTRUCTION SITES ONLY), EXIT-03 - ROCK PADS FOR BUILDING SITES AND EXIT-04 AND EXIT-05 CONSTRUCTION EXIT - VIBRATION GRID.

KERB INLET

- FOR KERB INLET STANDARD DETAIL AND SPECIFICATION REFER TO INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWING ESC-03 KERB INLET SEDIMENT TRAPS.

CHECK DAMS

- FOR CHECK DAM STANDARD DETAIL AND SPECIFICATION REFER TO INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWING RCD-01 CHECK DAMS.

REVEGETATION

- FOR REVEGETATION STANDARD SPECIFICATION REFER TO INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWING R-01 REVEGETATION GENERAL.

FIELD INLET

- FOR FIELD INLET STANDARD DETAIL AND SPECIFICATION REFER TO INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWING ESC-02 GRATED STORMWATER (FIELD) INLET SEDIMENT TRAP.

NOTE

- FOR EROSION AND SEDIMENT CONTROL LAYOUT PLAN REFER DRG No. C10
- CONTRACTOR TO PROVIDE FINAL ESC DESIGN TO SUIT PROPOSED CONSTRUCTION METHODOLOGY

OPERATION AND MAINTENANCE

- IN ACCORDANCE WITH GCCC ESC GUIDELINES, ALL ESC MEASURES SHALL BE INSPECTED:
 - AT LEAST DAILY (WHEN WORK IS OCCURRING ON SITE) OR WEEKLY (WHEN WORK IS NOT OCCURRING ON SITE)
 - WITHIN 24 HOURS OF EXPECTED RAIN; AND
 - WITHIN 18 HOURS OF A RAINFALL EVENT (I.E. AN EVENT OF SUFFICIENT INTENSITY AND DURATION TO MOBILISE SEDIMENT ON SITE).
- IN ACCORDANCE WITH GCCC ESC GUIDELINES, MAINTENANCE OF ESC MEASURES SHALL OCCUR IN ACCORDANCE WITH THE FOLLOWING TABLE:

MAINTENANCE SCHEDULE		
ESC MEASURE	MAINTENANCE TRIGGER	TIMEFRAME FOR COMPLETION OF MAINTENANCE
SEDIMENT BASINS	WHEN SETTLED SEDIMENT EXCEEDS THE VOLUME OF THE SEDIMENT STORAGE ZONE (SEE COUNCIL'S SEDIMENT BASIN DESIGN GUIDELINES)	WITHIN 7 DAYS OF THE INSPECTION
OTHER ESC MEASURES	THE CAPACITY OF ESC MEASURES FALLS BELOW 75%	BY THE END OF THE DAY

GENERAL

- CIVIL CONTRACTOR IS TO PROVIDE AN UPDATED PROGRAM OF ESC MAINTENANCE AND CONTROL OF ALL STAGES OF WORK FOR APPROVAL BY THE SUPERINTENDENT.

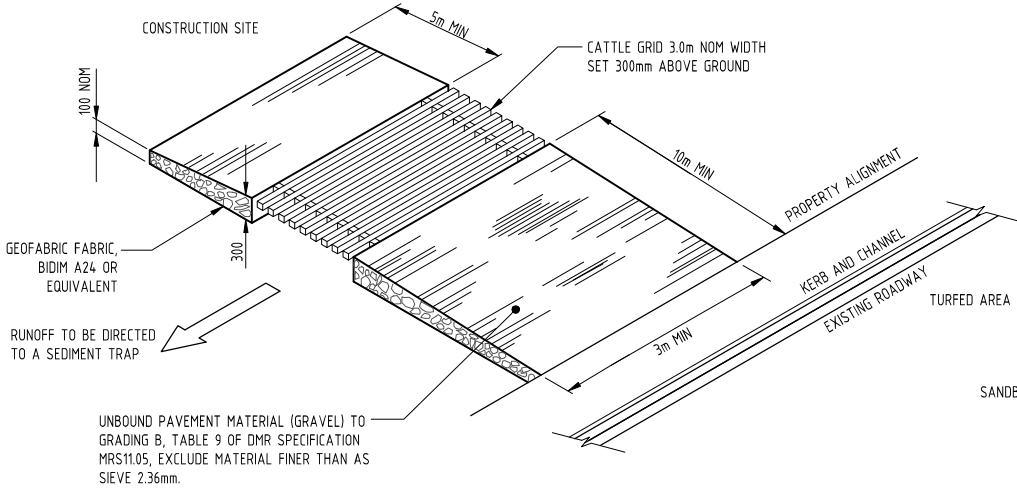
PUMP-OUT NOTES:

COLLECTED STORMWATER IS TREATED WITH AN APPROPRIATE FLOCCULATING AGENT PRIOR TO PUMP OUT BY LICENSED CONTRACTOR AFTER EVERY RAIN EVENT. SEDIMENT TO BE CLEANED OUT ON REGULAR BASIS.

IECA STANDARD DRAWINGS REGISTER

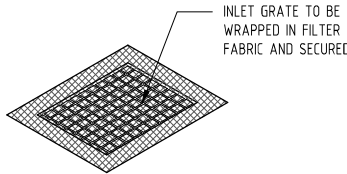
DRAWING NUMBER	DRAWING DESCRIPTION
EXIT-01	CONSTRUCTION EXIT - ROCK PAD
EXIT-02	CONSTRUCTION EXIT - ROCK PAD
EXIT-03	ROCK PADS FOR BUILDING SITES
CD-01	CATCH DRAINS
CD-02	CATCH DRAINS (EARTH LINED)
RCD-01	CHECK DAMS
FF-01	FILTER FENCE
SF-01	SEDIMENT FENCE
SF-02	SEDIMENT FENCE
ESC-02	GRATED STORMWATER (FIELD) INLET SEDIMENT TRAP
ESC-03	KERB INLET SEDIMENT TRAPS
R-01	REVEGETATION - GENERAL
SP-01	SUMP PITS
LOG-01	GEO LOGS (COIR LOGS)

*DRAWINGS TO BE READ IN CONJUNCTION WITH INTERNATIONAL EROSION CONTROL ASSOCIATION AUSTRALASIA (IECA) BEST PRACTICES STANDARD DRAWINGS AND SPECIFICATIONS.



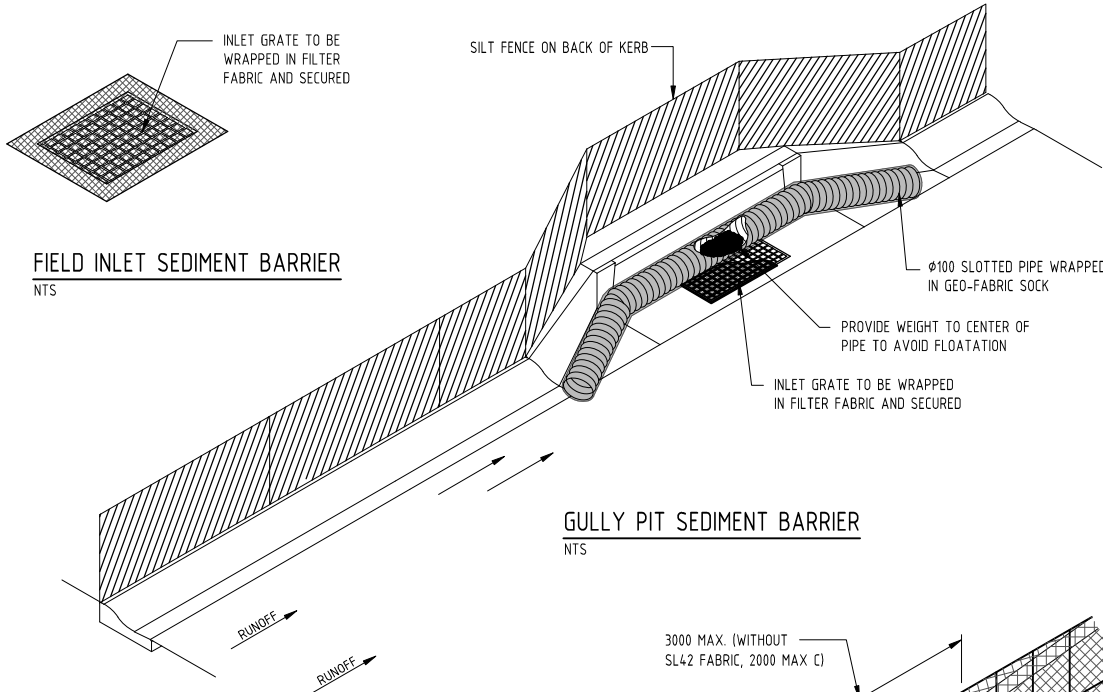
TEMPORARY CONSTRUCTION ENTRY/EXIT

NTS



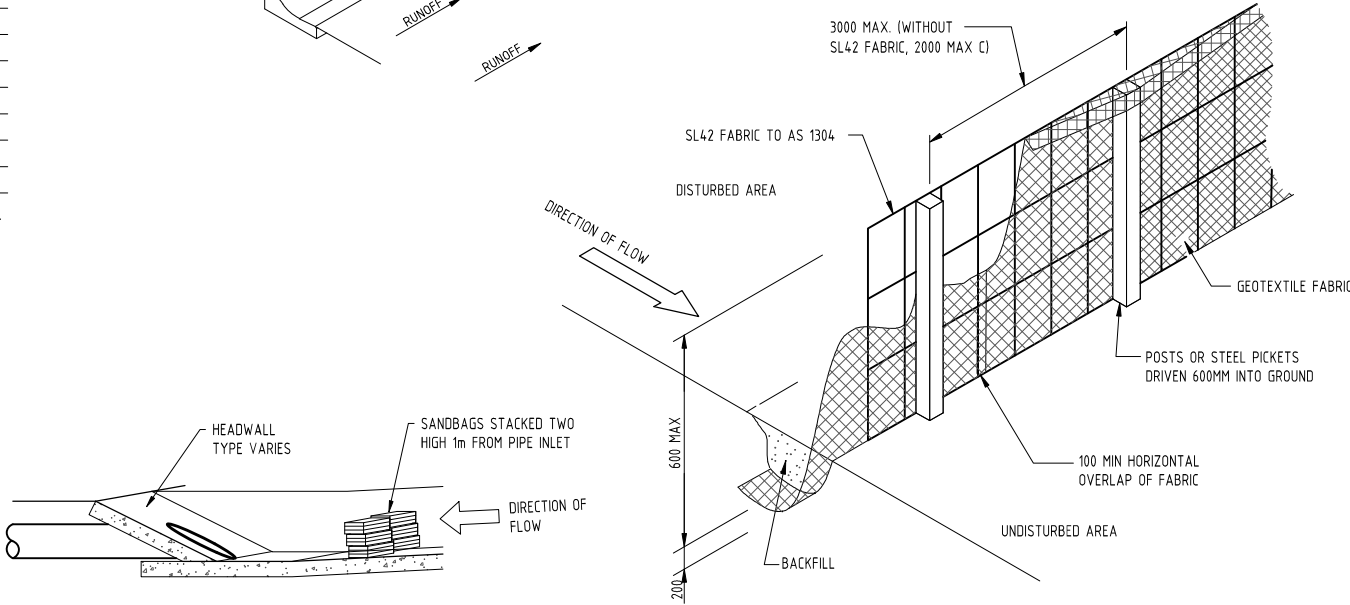
FIELD INLET SEDIMENT BARRIER

NTS



GULLY PIT SEDIMENT BARRIER

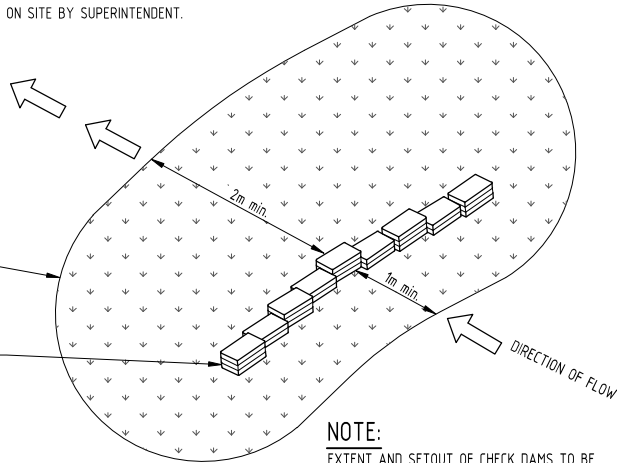
NTS



SEDIMENT FENCE DETAIL

NTS

PROVIDE SAND BAGS ACROSS FLOW PATH. PROVIDE TURF AROUND SAND BAGS, TO A MINIMUM OF 1m IN FRONT AND 2m BEHIND. EXTENT TO BE DETERMINED ON SITE BY SUPERINTENDENT.

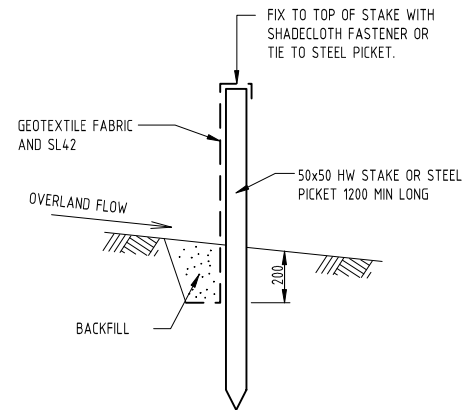


NOTE:

EXTENT AND SETOUT OF CHECK DAMS TO BE PROPOSED ON SITE BY CONTRACTOR TO THE SATISFACTION OF THE SUPERINTENDENT

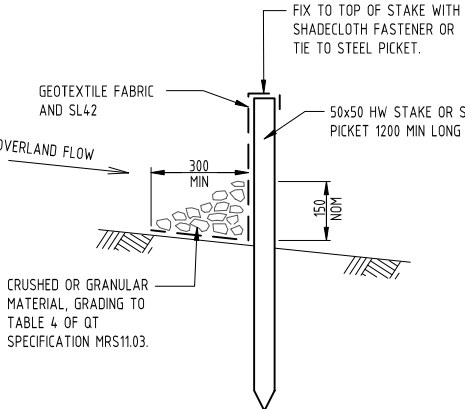
SAND BAG CHECK DAM

NTS



SEDIMENT FENCE -
ALTERNATIVE 1

NTS



SEDIMENT FENCE -
ALTERNATIVE 2

NTS

ISSUED FOR
APPROVAL

LEGEND

	SITE BOUNDARY
	EXISTING PROPERTY BOUNDARY
	EXISTING EASEMENT BOUNDARY
	EXISTING SURFACE CONTOURS
	EARTHWORKS CONTOURS
	EXISTING SURFACE LEVEL
	FINISHED SURFACE LEVEL
	EXISTING NOMINAL KERB LINE
	EXISTING EDGE OF BITUMEN LINE
	EXISTING ROAD CENTERLINE
	EXISTING EDGE OF BUILDING
	EXISTING EDGE OF BUILDING EAVE
	GRADE CHANGE
	EXISTING STORMWATER DRAINAGE
	EXISTING STORMWATER DRAINAGE (RECORDS)
	EXISTING SEWER
	EXISTING SEWER (RECORDS)
	EXISTING WATER
	EXISTING WATER (RECORDS)
	EXISTING UNDERGROUND ELECTRICITY
	EXISTING UNDERGROUND ELECTRICITY (RECORDS)
	EXISTING OVERHEAD ELECTRICITY
	EXISTING GAS
	EXISTING GAS (RECORDS)
	EXISTING NBN
	EXISTING NBN (RECORDS)
	EXISTING TELECOMMUNICATIONS
	EXISTING TELECOMMUNICATIONS (RECORDS)
	EXISTING FIBER OPTIC (RECORDS)
	EXISTING COMMUNICATIONS
	EXISTING BATTER
	EXISTING FENCE
	PROPOSED SHORING SYSTEM REFER TO SPECIALISTS DRAWINGS FOR DETAILS
	PROPOSED RETAINING WALL
	PROPOSED BATTER
	LIMIT OF WORKS
	BUILDING OUTLINE
	PROPOSED SWALE (TURFED)
	PROPOSED EARTHWORKS PAD
	EXISTING ROAD
	PROPOSED EARTHWORKS CUT
	PROPOSED EARTHWORKS FILL

NOTE

FOR NOTES AND SITE SECTIONS REFER DRG No. C21

BASEMENT EXCAVATION

CUT TO SPOIL: NO STOCKPILE OF SOILS IS ALLOWED FOR. ALL EXCAVATION IS TO BE TAKEN OFF SITE AND DISPOSED IMMEDIATELY U.N.O.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2021/1181
Date: 8 December 2021



ADO RPEQ CERTIFICATION

PROJECT NUMBER: 24792
PROJECT NAME: 48 VILLAGE BOULEVARD
DATE: 08.09.21
CERTIFIED BY: MICHAEL LEPELAAR
RPEQ NUMBER: 11171
SIGNATURE:

0 2 4 6 8 10m
SCALE 1:200
AT ORIGINAL SIZE (A1)



Gold Coast Office
Suite 201, Level 1, 1 Short Street,
Southport, Queensland 4215, Australia
PO Box 208, Southport BC, Queensland 4215
T 1300 657 402 F +617 5528 4723
E info@adgco.com W www.adgco.com
BRISBANE / DARWIN / GOLD COAST / MELBOURNE / PERTH /
SUNSHINE COAST / SYDNEY / TOOWOOMBA

Client
INFINITE AGED CARE (DEVELOPMENTS) PTY LTD
Project Name
48 VILLAGE BOULEVARD
SOUTHPORT
QLD 4215

Discipline CIVIL	Status APPROVAL
Designed By LDV	Checked By DS
Project No. 24792	Drawn By MD
The concepts and information contained in this document are the copyright of ADG Engineers (Aust) Pty Ltd. Use or copying of the document in whole or in part without the written permission of ADG Engineers (Aust) Pty Ltd constitutes an infringement of copyright. Do not scale drawings. If in doubt, ask!	

ISSUED FOR
APPROVAL

EARTHWORKS
LAYOUT PLAN

Drawing No.
C20
Revision
02

EARTHWORKS NOTES

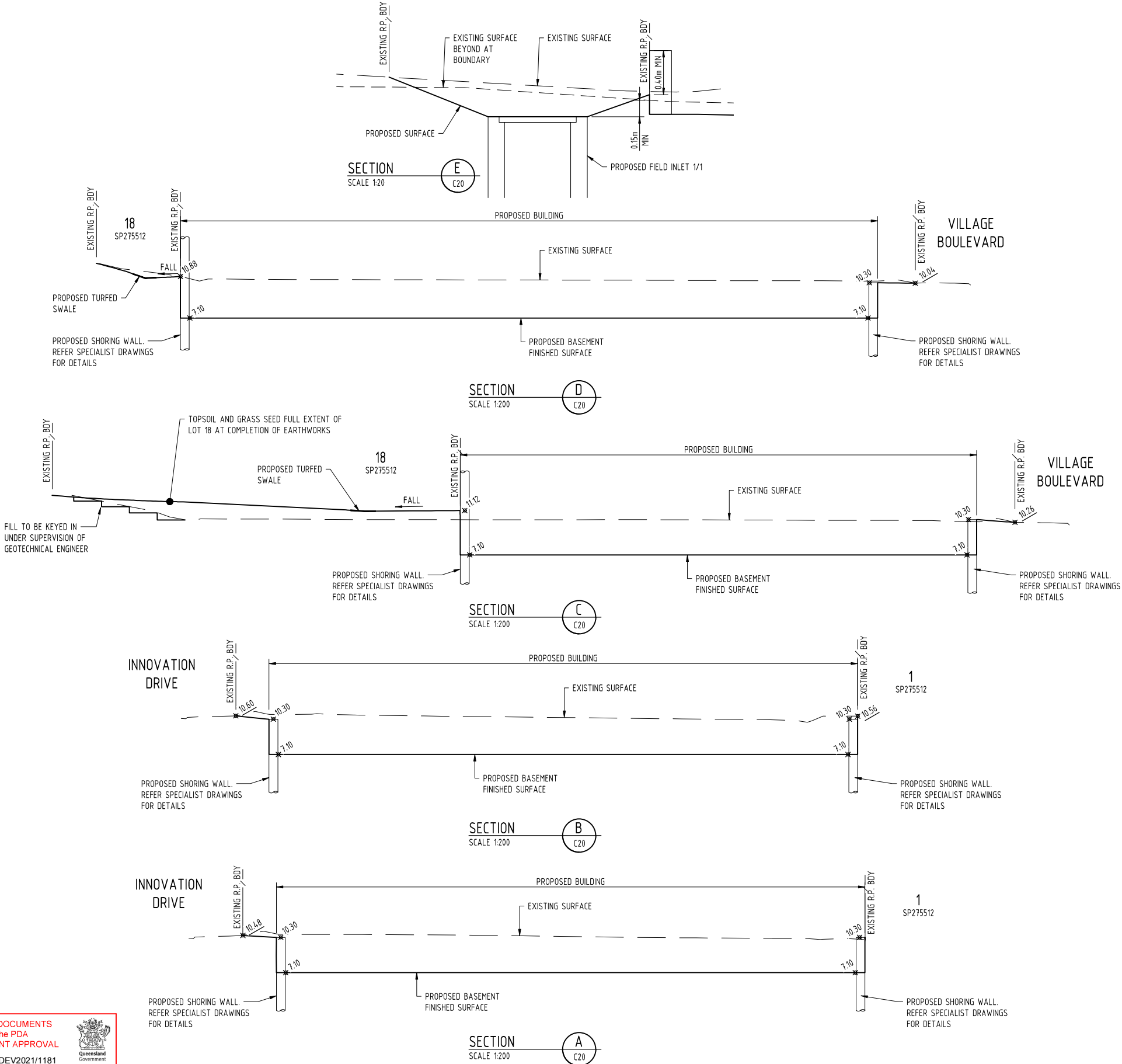
1. FOR GENERAL NOTES REFER DRG No. C01, WHICH IS TO BE REQUESTED AND VIEWED PRIOR TO COMMENCEMENT OF CONSTRUCTION IF NOT SUPPLIED.
2. GRASS AND TOPSOIL SHALL BE STRIPPED TO A MINIMUM DEPTH OF 100MM OVER THE EXTENT OF THE WORKS UNLESS DIRECTED OTHERWISE AND STOCKPILED FOR FUTURE USE AS NON-STRUCTURAL FILL IF REQUIRED, OR REMOVE FROM SITE.
3. CONTRACTOR TO ALLOW FOR ALL COSTS ASSOCIATED WITH ROCK EXCAVATION WITHIN CONTRACT RATES.
4. COMPACT THE EXPOSED SUBGRADE OR LOOSE TOP LEVEL MATERIAL TO A MINIMUM 98% STANDARD MAXIMUM DRY DENSITY TO AS1289 5.1.1. ANY 'SOFT SPOTS' IDENTIFIED BY THE PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH A COMPACTED IMPORTED GENERAL FILL MATERIAL TO THE ABOVE COMPACTION REQUIREMENTS.
5. IMPORTED GENERAL FILL MATERIAL SHALL BE SUPPLIED AND COMPACTED WHERE NECESSARY TO OBTAIN SUBGRADE/PLATFORM LEVEL. IMPORTED GENERAL FILL MATERIAL SHALL BE CLEAN GRADED MATERIAL FREE OF ORGANIC MATTER AND STONES GREATER THAN 150mm AND CAPABLE OF BEING COMPACTED INTO COHERENT FILLING TO THE SPECIFIED STANDARD. THE MATERIAL SHALL HAVE A LINEAR SHRINKAGE NOT GREATER THAN 1.5% AND A MINIMUM C.B.R. OF 10%.
6. ANY PROPOSED RETAINING WALL WORKS MUST BE WHOLLY WITHIN THE PROPERTY BOUNDARY OF THE SUBJECT SITE, INCLUDING REAR OF RETAINING WALL DRAINAGE INFRASTRUCTURE FOR RETAINING WALLS IN CUT.
7. REFER ARCHITECT/LANDSCAPE ARCHITECT DRAWINGS FOR CONFIRMATION OF RETAINING WALL COLOUR AND FINISH.
8. ALL RETAINING WALL STRUCTURAL DESIGN AND CONSTRUCTION CERTIFICATION BY MANUFACTURER / INSTALLER.
9. ALL EARTHWORKS OPERATIONS SHALL BE CARRIED OUT WITH 'LEVEL 1' SOIL ENGINEERING SUPERVISION IN ACCORDANCE WITH APPENDIX B OF AS 3798. THE NOMINATED GEOTECHNICAL TESTING AUTHORITY SHALL PROVIDE CERTIFICATION THAT ALL GENERAL EARTHWORKS OPERATIONS HAVE BEEN CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND THE CONTROLLED FILL IS SUITABLE FOR PURPOSE WITH A MINIMUM 150KPA BEARING CAPACITY UNDER THE PLATFORM/STRUCTURES.
10. ALL EARTHWORKS FILL AND EXCAVATED AREAS SHALL BE COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY (AS 1289 5.1.1) IN LAYERS NOT EXCEEDING 150MM COMPACTED THICKNESS.
11. THE NOMINATED GEOTECHNICAL TESTING AUTHORITY SHALL PROVIDE CERTIFICATION THAT ALL GENERAL EARTHWORKS OPERATIONS HAVE BEEN CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS.
12. CONTRACTOR TO UNDERTAKE ALL EARTHWORKS TESTING TO COMPLY WITH THE PROJECT SPECIFICATION AND LOCAL AUTHORITY REQUIREMENTS.
13. FINISHED SURFACES TO ALL DISTURBED AREAS ARE TO BE TREATED IN ACCORDANCE WITH LANDSCAPE DRAWINGS.
14. FINISHED EARTHWORKS SURFACES TO BE STABILISED.
15. ALL EARTHWORKS TO BE CARRIED OUT AT +/- 2% OPTIMUM MOISTURE CONTENT.
16. ALL NEW WORKS TO MATCH NEATLY INTO EXISTING
17. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH APPROVED MANAGEMENT PLANS.
18. CONTRACTOR TO ENSURE SUITABLE EROSION CONTROL MEASURES ARE INSTALLED INCLUDING BUT NOT LIMITED TO SHAKE DOWNS, SILT FENCE ETC.
19. ADEQUATE SAFETY FENCING/BARRIERS TO BE APPLIED TO ALL BATTERS OR RETAINING WALLS (TEMPORARY OR PERMANENT) AS PER RELEVANT AUSTRALIAN STANDARDS AND LEGISLATION.
20. DUST CONTROL MEASURES ARE TO INCLUDE SPRAYING WATER ON UNPAVED ROADS, ACCESS TRACKS AND STOCKPILES AT A SUFFICIENT LEVEL TO SUPPRESS DUST GENERATION. ADDITIONALLY CONTRACTORS ARE TO COVER OR ENCLOSE STOCKPILES WHERE REASONABLY PRACTICAL TO RESTRICT DUST MOVEMENT.
21. PRIOR TO THE CONTRACTOR COMMENCING ANY WORKS DETAILED ON THIS DRAWING, THE CONTRACTOR IS TO NOTIFY ADG ENGINEERS (AUST) PTY LTD AND RECEIVE WRITTEN CONFIRMATION THAT WORKS CAN COMMENCE
22. ALL BATTERS TO BE KEYED/STEPPED INTO EXISTING MATERIAL AS DIRECTED BY GEOTECHNICAL ENGINEER. CONTRACTOR TO ALLOW FOR ALL KEYING/STEPPING AS REQUIRED.
23. ALL TEMPORARY AND FINAL BATTER SLOPES ARE TO BE INSPECTED AND APPROVED BY GEOTECHNICAL ENGINEER. CERTIFICATION OF LONG TERM STABILITY TO BE PROVIDED BY GEOTECHNICAL ENGINEER PRIOR TO PRACTICAL COMPLETION.
24. CONTRACTOR'S RPEQ GEOTECHNICAL ENGINEER IS TO CONFIRM THAT ALL CONSTRUCTED CUT/FILL BATTERS AND RETAINING STRUCTURES ON THE SITE HAVE ACHIEVED ADEQUATE STABILITY WITH A LONG-TERM FACTOR OF SAFETY GREATER THAN OR EQUAL TO 1.5 AGAINST GEOTECHNICAL FAILURES.
25. EARTHWORKS LEVELS SHOWN ARE FINISHED SURFACE LEVELS INCLUSIVE OF TOPSOIL LAYER, CARPARK LEVELS ETC. REFER STRUCTURAL ENGINEERING DRAWINGS FOR BUILDING SLAB THICKNESSES AND HYDRAULIC DRAWINGS FOR SUB-FLOOR DRAINAGE FOR DETERMINATION OF REQUIRED BULK EARTHWORKS SURFACE.
26. EARTHWORKS LEVELS SHOWN ARE FINISHED SURFACE LEVELS INCLUSIVE OF 100mm TOPSOIL LAYER.
27. REFER ARCHITECTURAL DRAWINGS FOR BUILDING SETOUT.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2021/1181

Date: 8 December 2021





ISSUED FOR
APPROVAL

02	08.09.21	ISSUED FOR APPROVAL	LDV	DS	
01	05.05.21	ISSUED FOR APPROVAL	MD	DS	
Rev	Date	Description	By	Chk	

 RPEQ CERTIFICATION

PROJECT NUMBER: 24792

PROJECT NAME: 48 VILLAGE BOULEVARD

DATE: 08.09.21

CERTIFIED BY: MICHAEL LEPELAAR

RPEQ NUMBER: 11171

SIGNATURE: 



 ADG

Gold Coast Office

Suite 201, Level 1, 1 Short Street,
Southport, Queensland 4215, Australia
PO Box 208, Southport BC, Queensland 4215
T 1300 657 402 F +617 5528 4723
E info@adgco.com W www.adgco.com

BRISBANE / DARWIN / GOLD COAST / MELBOURNE / PERTH /
SUNSHINE COAST / SYDNEY / TOOWOOMBA

Client	INFINITE AGED CARE (DEVELOPMENTS) PTY LTD	
Project Name	48 VILLAGE BOULEVARD SOUTHPORT QLD 4215	

Discipline CIVIL		Status APPROVAL
Designed By LDV	Checked By DS	Approved By ML
Project No. 24792	Drawn By MD	Scale at A1 1:200
The concepts and information contained in this document are the copyright of ADG Engineers (Aust) Pty Ltd. Use or copying of the document in whole or in part without the written permission of ADG Engineers (Aust) Pty Ltd constitutes an infringement of copyright. Do not scale drawings. If in doubt, ask!		

Title EARTHWORKS NOTES AND SITE SECTIONS	
Drawing No. C21	Revision 02

LEGEND

12.0	FINISHED SURFACE CONTOURS
	SITE BOUNDARY
	EXISTING PROPERTY BOUNDARY
	EXISTING EASEMENT BOUNDARY
	EXISTING NOMINAL KERB LINE
	EXISTING EDGE OF BITUMEN LINE
	EXISTING ROAD CENTERLINE
	EXISTING EDGE OF BUILDING
	EXISTING EDGE OF BUILDING EAVE
	GRADE CHANGE
SWD	EXISTING STORMWATER DRAINAGE
dSWD	EXISTING STORMWATER DRAINAGE (RECORDS)
S	EXISTING SEWER
dS	EXISTING SEWER (RECORDS)
W	EXISTING WATER
dW	EXISTING WATER (RECORDS)
E	EXISTING UNDERGROUND ELECTRICITY
dE	EXISTING UNDERGROUND ELECTRICITY (RECORDS)
OE	EXISTING OVERHEAD ELECTRICITY
G	EXISTING GAS
dG	EXISTING GAS (RECORDS)
NBN	EXISTING NBN
dNBN	EXISTING NBN (RECORDS)
T	EXISTING TELECOMMUNICATIONS
dT	EXISTING TELECOMMUNICATIONS (RECORDS)
dOF	EXISTING FIBER OPTIC (RECORDS)
C	EXISTING COMMUNICATIONS
	EXISTING BATTER
	EXISTING FENCE
	PROPOSED SHORING SYSTEM REFER TO SPECIALISTS DRAWINGS FOR DETAILS
	PROPOSED RETAINING WALL
	LIMIT OF WORKS
	PROPOSED TURF SWALE TYPE AND SIZE VARIES
SWD	PROPOSED STORMWATER DRAINAGE
S	PROPOSED SEWER
W	PROPOSED WATER MAIN
B1	PROPOSED 'TYPE B1' KERB AND CHANNEL IN ACCORDANCE WITH IPWEAQ STD DRG RS-080
1 1	DRAINAGE STRUCTURE LABEL
	EXISTING ROAD
	PROPOSED ROAD PAVEMENT REINSTATEMENT IN ACCORDANCE WITH IPWEAQ STD DRG RS-170.
	PROPOSED TYPE 'GENERAL WIDE FLARED' DRIVEWAY CROSSOVER IN ACCORDANCE WITH IPWEAQ STD DRG RS-051.

ROADWORKS AND DRAINAGE NOTES

- FOR GENERAL NOTES REFER DRG No. C01, WHICH IS TO BE REQUESTED AND VIEWED PRIOR TO COMMENCEMENT OF CONSTRUCTION IF NOT SUPPLIED.
- REFER HYDRAULIC DRAWINGS FOR BASEMENT, ROOF AND UPPER LEVEL TERRACES DRAINAGE.
- ALL ROADWORKS AND DRAINAGE (EXTERNAL TO SITE BOUNDARIES AND/OR COUNCIL OWNED DRAINAGE PIPES INTERNAL TO THE SITE BOUNDARIES) CONSTRUCTION AND TESTING TO BE IN ACCORDANCE WITH CITY OF GOLD COAST COUNCIL DEVELOPMENT GUIDELINES, DRAWINGS AND SPECIFICATIONS.
- ALL DRAINAGE CONSTRUCTION (PRIVATELY OWNED DRAINAGE LINES INTERNAL TO THE SITE BOUNDARIES) CONSTRUCTED AND TESTED TO BE IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- ALL STORMWATER PIPES ARE TO BE MANUFACTURED TO RELEVANT AUSTRALIAN STANDARDS INCLUDING BUT NOT LIMITED TO AS4058 AND AS1992.
- STORMWATER DRAINAGE AND STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ONLY. CONTRACTOR TO CONSIDER CONSTRUCTION LOADINGS AND ENSURE NO EXCESSIVE LOADS ARE PLACED ON STORMWATER DRAINAGE OR STRUCTURES.
- CONTRACTOR TO CONFIRM LOCATION AND LEVEL OF EXISTING STORMWATER DRAINAGE WHERE CONNECTING ON TO EXISTING.
- CONTRACTOR TO NOTIFY THE SUPERINTENDENT OF ANY UNSUITABLE FOUNDING MATERIAL WITHIN DRAINAGE TRENCH OR STORMWATER STRUCTURES AND AWAIT DIRECTION PRIOR TO LAYING OF PIPES.
- TRENCH BACKFILL UNDER PAVEMENT TO BE COMPACTED TO 100% STANDARD DRY DENSITY (AS1289 5.1) IN LAYERS NOT EXCEEDING 150mm OF CBR 15 MATERIAL OR APPROVED EQUIVALENT. TRENCH BACKFILL IN ROADS TO BE MINIMUM CBR15 MATERIAL UP TO ROAD SUBGRADE LEVEL.
- ALL STORMWATER GRATES/LIDS WITHIN TRAFFICABLE AREAS TO BE CLASS "D" IN ACCORDANCE WITH AS3996.
- ALL GRATES AND LIDS SHALL SIT FLAT WITH ITS SURROUND AND NOT BE LOOSE OR MOVE UNDER WHEEL LOADS.
- ALL STORMWATER STRUCTURES TO BE CONSTRUCTED IN ACCORDANCE WITH PROJECT SPECIFICATION, AND LOCAL AUTHORITY GUIDELINES AND SPECIFICATIONS. WHERE STRUCTURES EXCEED MAXIMUM DEPTH AS IDENTIFIED WITHIN STANDARD DRAWINGS THE CONTRACTOR WILL ENSURE AN ADEQUATE STRUCTURAL DESIGN IS UNDERTAKEN FOR THE SUBJECT STRUCTURE TO BE CONSTRUCTED TO.
- CONTRACTOR TO ENSURE ALL MANHOLE STRUCTURES COMPLY WITH THE MAXIMUM DEPTH SPECIFIED IN THE PROJECT SPECIFICATION OR LOCAL AUTHORITY FROM FINISHED SURFACE LEVEL TO UNDERSIDE OF ROOF SLAB. ANY NON CONFORMANCE IS TO BE RECTIFIED AT THE CONTRACTORS EXPENSE.
- ALL FOOTPATHS TO BE CONSTRUCTED IN ACCORDANCE WITH ARCHITECTURAL/LANDSCAPING DRAWINGS AND RELEVANT AUTHORITY STANDARD DRAWINGS AND SPECIFICATIONS. FOOTPATHS TO BE CONSTRUCTED WITH MAXIMUM 2% CROSSFALL. SHOULD CONSTRUCTED FOOTPATHS EXCEED 2.5% CROSSFALL, THE CONTRACTOR WILL BE REQUIRED TO RECTIFY BY REMOVING AND REPLACING AT THEIR COST.
- THE CONTRACTOR IS TO CONFIRM THE LOCATION OF SERVICE CONDUITS WITH THE SUPERINTENDENT PRIOR TO LAYING STORMWATER DRAINAGE. ALL TRENCH EXCAVATION AND CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORKPLACE HEALTH AND SAFETY ACT 2011.
- REMOVE ANY REDUNDANT DRAINAGE OUTLETS FROM THE KERB AND CHANNEL INCLUDING ANY ASSOCIATED PIPEWORK ACROSS THE FOOTWAY AND REINSTATE THE KERB AND CHANNEL AND THE FOOTWAY AREA IN ACCORDANCE WITH COUNCIL GUIDELINES.
- ALL STORMWATER PITS TO BE LINEMARKED "FLOWS TO CREEK".
- CONTRACTOR TO UNDERTAKE ROADWORKS TESTING IN ACCORDANCE WITH COGC GUIDELINES, DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR TO UNDERTAKE AND PROVIDE CCTV OF ALL STORMWATER LINES AT ON MAINTENANCE AND OFF MAINTENANCE. SHOULD THE CCTV IDENTIFY DAMAGE OR CRACKING WITHIN THE STORMWATER PIPES, THE CONTRACTOR WILL RECTIFY THE DAMAGE WITHIN THE PIPES BY MEANS DIRECTED BY THE SUPERINTENDENT WHICH MAY INCLUDE BUT NOT BE LIMITED TO PIPE RELINING OR PIPE REPLACEMENT.

DEMOLISH EXISTING GULLY PIT AND
CONSTRUCT NEW Ø1050 MH IN
ACCORDANCE WITH COGC STD DRG 03-101.
SL = 10.300
IL = 8.930
DEPTH = 1.370

PROPOSED 'B1' BARRIER
KERB AND CHANNEL

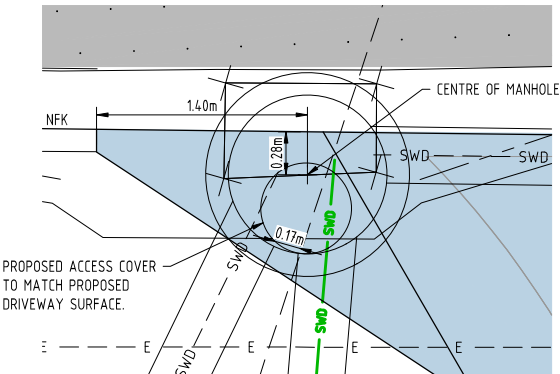
Ø300 uPVC SN8
USIL = 9.100
DSIL = 8.950
L = 5.575
G = 1 IN 37.2

CONSTRUCT NEW 900x600
FIELD INLET IN ACCORDANCE
WITH COGC STD DRG 03-008.
SL = 10.500
IL = 9.100
DEPTH = 1.400

CONSTRUCT NEW 110C PRECAST CONCRETE SIDE INLET
GULLY OVER EXISTING PIPE IN ACCORDANCE WITH
DTMR STD DRG 1321 AND 1322. CHAMBER DIAMETER
TO BE CONFIRMED DURING CONSTRUCTION BASED ON
EXISTING PIPE LOCATION.
SL = 10.277
IL = 8.752 (TBC)
DEPTH = 1.525 (TBC)

INNOVATION DRIVE

3
SP309256



PROPOSED MH SETOUT DETAIL
SCALE 1:25

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2021/1181
Date: 8 December 2021



ADG RPEQ CERTIFICATION
PROJECT NUMBER: 24792
PROJECT NAME: 48 VILLAGE BOULEVARD
DATE: 08.09.21
CERTIFIED BY: MICHAEL LEPELAAR
RPEQ NUMBER: 11171
SIGNATURE:

0 1 2 3 4 5m
SCALE 1:100
AT ORIGINAL SIZE (A1)



Gold Coast Office
Suite 201, Level 1, 1 Short Street,
Southport, Queensland 4215, Australia
PO Box 208, Southport BC, Queensland 4215
T 1300 657 402 F +617 5528 4723
E info@adgco.com W www.adgco.com
BRISBANE / DARWIN / GOLD COAST / MELBOURNE / PERTH /
SUNSHINE COAST / SYDNEY / TOOWOOMBA

Client
INFINITE AGED CARE (DEVELOPMENTS) PTY LTD
Project Name
LUMINA SOUTHPORT
48 VILLAGE BOULEVARD
SOUTHPORT, QLD 4215

Discipline
CIVIL
Designed By
LDV
Checked By
DS
Project No.
24792
Drawn By
LDV

Status
APPROVAL
Approved By
ML
Scale at A1
1:100

Title
ROADWORK AND DRAINAGE
LAYOUT PLAN

Drawing No.
C30
Revision
01