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A	NOTES: - SEDIMENT AND EROSION CONTROL 1. CONSTRUCTION IS TO BE PROGRAMMED TO PROVIDE INSTALLATION OF PERIMETER LANDSCAPING/SURFACE TREATMENTS AS EARLY AS PRACTICAL. 2. AT THE PRESTART MEETING THE CONTRACTOR'S WORKS PROGRAM IS TO BE REVIEWED, ALTERATIONS TO THE PROGRAM MAY BE REQUIRED TO ENSURE SATISFACTORY EROSION AND SEDIMENT CONTROL. 3. A PHOTOGRAPHIC RECORD OF SEDIMENT AND EROSION CONTROL DEVICES AND THE IMMEDIATE DOWNSTREAM STORMWATER SYSTEM, IS TO BE CARRIED OUT ON A FORTNIGHTLY CYCLE AND AFTER EACH MAJOR STORM EVENT, CARRY OUT CORRECTIVE AND PREVENTATIVE ACTION AS REQUIRED. 4. PUBLIC & WORKPLACE SAFETY ISSUES MUST BE CONSIDERED AND MONITORED FOR EACH DEVICE TO THE SATISFACTION OF THE SUPERINTENDENT. 5. WOVEN FABRICS ARE TO BE USED FOR SEDIMENT FENCE FILTER FABRIC. 6. SEDIMENTATION MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND MAINTAINED AT A SUITABLE LEVEL CONDITION THROUGHOUT CONSTRUCTION. SEDIMENT FENCES ARE TO BE CLEANED OUT WHEN CAPACITY IS REDUCED BY 25%. 7. DRAINAGE STRUCTURE PROTECTION IS TO BE CLEANED FOLLOWING EACH SIGNIFICANT RUNOFF PRODUCING STORM. 8. APPROVAL IS TO BE OBTAINED FROM LOCAL COUNCIL/AUTHORITY FOR THE LOCATION OF THE SITE ACCESS POINT AND WASH DOWN AREA WHICH IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. 9. ACCESS TO AND FROM THE SITE IS TO BE VIA THE SHAKEDOWN FACILITY ONLY. ALL VEHICLES ARE TO BE WASHED DOWN PRIOR TO LEAVING THE SITE. 10. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE CONTROL TO DIVERT FLOW FROM UNDISTURBED AREAS AROUND DISTURBED AREAS AND DIRECT FLOW FROM DISTURBED AREAS TOWARD CONTROL DEVICES. 11. IF EROSION AND SEDIMENT CONTROL DEVICES HAVE BEEN FOUND TO BE DEFICIENT OR FAILED IN SERVICE DUE TO UNFORESEEN CIRCUMSTANCES, CORRECTIVE ACTION IS TO BE UNDERTAKEN BY THE CONTRACTOR IMMEDIATELY WHICH MAY INCLUDE AMENDMENTS/ADDITIONS TO THE ORIGINAL EROSION CONTROL PLANS. SUCH ADDITIONS OR AMENDMENTS ARE TO BE APPROVED BY THE SUPERINTENDENT. 12. SEDIMENTATION MANAGEMENT DEVICES ARE TO BE MAINTAINED BY THE CONTRACTOR, AS NOTED AND DETAILED, UNTIL APPROVAL HAS BEEN GRANTED BY THE ENGINEER FOR THERE REMOVAL. THE CONTRACTOR IS TO REMOVE AND DISPOSE OF THESE DEVICES OFF SITE. 13. THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING SEDIMENT AND EROSION DEVICES/ FENCES TO ACCOMMODATE EARTHWORKS AS AND WHEN REQUIRED. THE LOCATION OF THE SEDIMENT AND EROSION CONTROL DEVICES ARE INDICATIVE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO SPECIFICALLY LOCATE, THEN ENSURE SEDIMENT IS NOT WASHED DOWNSTREAM. 14. EROSION CONTROL MATTING IS TO BE INSTALLED, REMOVED AND REINSTATED AS REQUIRED TO ENSURE THAT BATTERS ARE PROTECTED AT ALL TIMES WHEN THEY ARE NOT BEING WORKED ON. 15. ALL OPEN DRAINS AND BATTERS ARE TO BE TOPSOILED AND HYDROMULCHED WITHIN 7 DAYS OF COMPLETION.														
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D	NOTES: STORMWATER DRAINAGE GENERAL 1. IN CASE OF DOUBT - ASK 2. ALL LEVELS TO A.H.D. 3. ALL LIAISON WITH LOCAL, STATE AND STATUTORY AUTHORITIES IS THE CONTRACTORS RESPONSIBILITY 4. WORKS NOT SPECIFICALLY REFERRED TO, ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD DRAWINGS AND SPECIFICATIONS OF THE LOCAL AUTHORITY 5. THE LOCATION OF EXISTING SERVICES IS FOR THE CONTRACTORS INFORMATION ONLY. 6. THE LOCATION OF SERVICES WILL BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. 7. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR WILL PROVIDE SEDIMENT AND EROSION PROTECTION INCLUDING PROVISION OF SILT TRAPS AND FENCES TO MINIMISE DEPOSITION OF MATERIAL DOWNSTREAM OF THE PROPERTY. 8. AT COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL ARRANGE FOR AN INDEPENDENT LICENSED SURVEYOR TO CARRY OUT A 'WORKS AS CONSTRUCTED' SURVEY AND SUBMIT THE DETAIL PLAN TO THE SUPERINTENDENT. 9. ANY DAMAGE CAUSED TO THE EXISTING SERVICES WILL BE MADE GOOD AT THE CONTRACTORS EXPENSE. 10. THE LOCATION OF TEMPORARY DRAINS, DAMS AND SUMPS ARE TO BE AGREED WITH THE SUPERINTENDENT. 11. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY DRAINAGE DURING CONSTRUCTION OF BULK EARTHWORKS. 12. THE SITE IS TO BE LEFT NEAT AND TIDY AT THE COMPLETION OF THE WORKS, ALL RUBBISH AND DEBRIS SHALL BE REMOVED AND DISPOSED OF TO THE LOCAL AUTHORITY REQUIREMENTS AND SATISFACTION. 13. CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE, HEALTH AND SAFETY ACT-2011. 14. KERB TO BE BARRIER TYPE AND KERB AND CHANNEL TO BE BARRIER TYPE IN ACCORDANCE WITH LOCAL COUNCIL STANDARD DRAWINGS, UNLESS NOTED OTHERWISE ALL KERBING TO HAVE SUBSOIL DRAINAGE BENEATH. 15. ALL STORMWATER DRAINAGE PIPES SHALL BE RUBBER RING JOINTED CLASS '2" REINFORCED CONCRETE PIPES WITH TYPE 'H2 BEDDING UNLESS NOTED OTHERWISE. 16. ALL TRENCHES UNDER THE ROAD SHALL BE BACKFILLED IN LAYERS NOT EXCEEDING 150mm COMPACTED THICKNESS, COMPACT TO NOT LESS THAN 95% MAXIMUM DRY DENSITY BY MODIFIED COMPACTION TEST (AS 1289). ELSEWHERE 95% MAXIMUM DRY DENSITY STANDARD COMPACTION TEST. 17. ALL STORMWATER MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOVERNMENT AND IPWEAQ STANDARD DETAILS. 18. ALL STORMWATER DRAINAGE GULLIES SHALL BE FIELD INLET TYPE 2" IN ACCORDANCE WITH WITH LOCAL GOVERNMENT AND IPWEAQ STANDARD DETAILS. 19. ALL INLETS AND OUTLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOVERNMENT AND IPWEAQ STANDARD DETAILS.														
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				© 2018 INFINITEC SOLUTIONS Pty. Ltd. This design and drawing remain the property of Infinitec Solutions Pty. Ltd. and is not to be reproduced either in whole or in part without the written permission of Infinitec Solutions Pty. Ltd.		Client TONY STAVRIANOS		 GROUND FLOOR, 230 LUTWYCHE ROAD, WINDSOR QLD 4030 P: 07 3857 8577 www.infinitec.com.au		Drawn GP Checked PC Signed RPEQ		Project LOT 3 GATES ROAD, FLAGSTONE QLD 4280 Title GENERAL NOTES		Drawing Number 21564-C001 Scale AS SHOWN Rev A	
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NOTES: - SEDIMENT AND EROSION CONTROL

1. CONSTRUCTION IS TO BE PROGRAMMED TO PROVIDE INSTALLATION OF PERIMETER LANDSCAPING/SURFACE TREATMENTS AS EARLY AS PRACTICAL.

2. AT THE PRESTART MEETING THE CONTRACTOR'S WORKS PROGRAM IS TO BE REVIEWED, ALTERATIONS TO THE PROGRAM MAY BE REQUIRED TO ENSURE SATISFACTORY EROSION AND SEDIMENT CONTROL.

3. A PHOTOGRAPHIC RECORD OF SEDIMENT AND EROSION CONTROL DEVICES AND THE IMMEDIATE DOWNSTREAM STORMWATER SYSTEM, IS TO BE CARRIED OUT ON A FORTNIGHTLY CYCLE AND AFTER EACH MAJOR STORM EVENT, CARRY OUT CORRECTIVE AND PREVENTATIVE ACTION AS REQUIRED.

4. PUBLIC & WORKPLACE SAFETY ISSUES MUST BE CONSIDERED AND MONITORED FOR EACH DEVICE TO THE SATISFACTION OF THE SUPERINTENDENT.

5. WOVEN FABRICS ARE TO BE USED FOR SEDIMENT FENCE FILTER FABRIC.

6. SEDIMENTATION MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND MAINTAINED AT A SUITABLE LEVEL CONDITION THROUGHOUT CONSTRUCTION. SEDIMENT FENCES ARE TO BE CLEANED OUT WHEN CAPACITY IS REDUCED BY 25%.

7. DRAINAGE STRUCTURE PROTECTION IS TO BE CLEANED FOLLOWING EACH SIGNIFICANT RUNOFF PRODUCING STORM.

8. APPROVAL IS TO BE OBTAINED FROM LOCAL COUNCIL/AUTHORITY FOR THE LOCATION OF THE SITE ACCESS POINT AND WASH DOWN AREA WHICH IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

9. ACCESS TO AND FROM THE SITE IS TO BE VIA THE SHAKEDOWN FACILITY ONLY. ALL VEHICLES ARE TO BE WASHED DOWN PRIOR TO LEAVING THE SITE.

10. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE CONTROL TO DIVERT FLOW FROM UNDISTURBED AREAS AROUND DISTURBED AREAS AND DIRECT FLOW FROM DISTURBED AREAS TOWARD CONTROL DEVICES.

11. IF EROSION AND SEDIMENT CONTROL DEVICES HAVE BEEN FOUND TO BE DEFICIENT OR FAILED IN SERVICE DUE TO UNFORESEEN CIRCUMSTANCES, CORRECTIVE ACTION IS TO BE UNDERTAKEN BY THE CONTRACTOR IMMEDIATELY WHICH MAY INCLUDE AMENDMENTS/ADDITIONS TO THE ORIGINAL EROSION CONTROL PLANS. SUCH ADDITIONS OR AMENDMENTS ARE TO BE APPROVED BY THE SUPERINTENDENT.

12. SEDIMENTATION MANAGEMENT DEVICES ARE TO BE MAINTAINED BY THE CONTRACTOR, AS NOTED AND DETAILED, UNTIL APPROVAL HAS BEEN GRANTED BY THE ENGINEER FOR THERE REMOVAL. THE CONTRACTOR IS TO REMOVE AND DISPOSE OF THESE DEVICES OFF SITE.

13. THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING SEDIMENT AND EROSION DEVICES/ FENCES TO ACCOMMODATE EARTHWORKS AS AND WHEN REQUIRED. THE LOCATION OF THE SEDIMENT AND EROSION CONTROL DEVICES ARE INDICATIVE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO SPECIFICALLY LOCATE, THEN ENSURE SEDIMENT IS NOT WASHED DOWNSTREAM.

14. EROSION CONTROL MATTING IS TO BE INSTALLED, REMOVED AND REINSTATED AS REQUIRED TO ENSURE THAT BATTERS ARE PROTECTED AT ALL TIMES WHEN THEY ARE NOT BEING WORKED ON.

15. ALL OPEN DRAINS AND BATTERS ARE TO BE TOPSOILED AND HYDROMULCHED WITHIN 7 DAYS OF COMPLETION.

NOTES: STORMWATER DRAINAGE GENERAL

1. IN CASE OF DOUBT - ASK

2. ALL LEVELS TO A.H.D.

3. ALL LIAISON WITH LOCAL, STATE AND STATUTORY AUTHORITIES IS THE CONTRACTORS RESPONSIBILITY

4. WORKS NOT SPECIFICALLY REFERRED TO, ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD DRAWINGS AND SPECIFICATIONS OF THE LOCAL AUTHORITY

5. THE LOCATION OF EXISTING SERVICES IS FOR THE CONTRACTORS INFORMATION ONLY.

6. THE LOCATION OF SERVICES WILL BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.

7. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR WILL PROVIDE SEDIMENT AND EROSION PROTECTION INCLUDING PROVISION OF SILT TRAPS AND FENCES TO MINIMISE DEPOSITION OF MATERIAL DOWNSTREAM OF THE PROPERTY.

8. AT COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL ARRANGE FOR AN INDEPENDENT LICENSED SURVEYOR TO CARRY OUT A 'WORKS AS CONSTRUCTED' SURVEY AND SUBMIT THE DETAIL PLAN TO THE SUPERINTENDENT.

9. ANY DAMAGE CAUSED TO THE EXISTING SERVICES WILL BE MADE GOOD AT THE CONTRACTORS EXPENSE.

10. THE LOCATION OF TEMPORARY DRAINS, DAMS AND SUMPS ARE TO BE AGREED WITH THE SUPERINTENDENT.

11. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY DRAINAGE DURING CONSTRUCTION OF BULK EARTHWORKS.

12. THE SITE IS TO BE LEFT NEAT AND TIDY AT THE COMPLETION OF THE WORKS, ALL RUBBISH AND DEBRIS SHALL BE REMOVED AND DISPOSED OF TO THE LOCAL AUTHORITY REQUIREMENTS AND SATISFACTION.

13. CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE, HEALTH AND SAFETY ACT-2011.

14. KERB TO BE BARRIER TYPE AND KERB AND CHANNEL TO BE BARRIER TYPE IN ACCORDANCE WITH LOCAL COUNCIL STANDARD DRAWINGS, UNLESS NOTED OTHERWISE ALL KERBING TO HAVE SUBSOIL DRAINAGE BENEATH.

15. ALL STORMWATER DRAINAGE PIPES SHALL BE RUBBER RING JOINTED CLASS '2" REINFORCED CONCRETE PIPES WITH TYPE 'H2 BEDDING UNLESS NOTED OTHERWISE.

16. ALL TRENCHES UNDER THE ROAD SHALL BE BACKFILLED IN LAYERS NOT EXCEEDING 150mm COMPACTED THICKNESS, COMPACT TO NOT LESS THAN 95% MAXIMUM DRY DENSITY BY MODIFIED COMPACTION TEST (AS 1289). ELSEWHERE 95% MAXIMUM DRY DENSITY STANDARD COMPACTION TEST.

17. ALL STORMWATER MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOVERNMENT AND IPWEAQ STANDARD DETAILS.

18. ALL STORMWATER DRAINAGE GULLIES SHALL BE FIELD INLET TYPE 2" IN ACCORDANCE WITH WITH LOCAL GOVERNMENT AND IPWEAQ STANDARD DETAILS.

19. ALL INLETS AND OUTLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOVERNMENT AND IPWEAQ STANDARD DETAILS.

NOTES: BULK EARTHWORKS - GENERAL

1. IN CASE OF DOUBT - ASK!

2. ALL LEVELS TO AHD, DIMENSIONS IN METERS UNO.

3. ALL LIAISON WITH LOCAL, STATE & STATUTORY AUTHORITIES IS THE CONTRACTOR'S RESPONSIBILITY.

4. THE LOCATION OF EXISTING SERVICES IS FOR THE CONTRACTOR'S INFORMATION ONLY, THE LOCATION OF SERVICES WILL BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.

5. ANY DAMAGE CAUSED TO THE EXISTING SERVICES WILL BE MADE GOOD AT THE CONTRACTORS EXPENSE.

6. THE LOCATION OF TEMPORARY DRAINS, DAMS AND SUMPS ARE TO BE AGREED WITH THE SUPERINTENDENT.

7. EARTHWORK PROCEDURES ARE TO BE CARRIED OUT IN ACCORDANCE WITH AS 3798 - 2007 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'

8. CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE, HEALTH AND SAFETY ACT-2011.

9. ALL WORKS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES STANDARD DRAWINGS AND SPECIFICATIONS U.N.O.

10. THE CONTRACTOR IS TO ALLOW FOR ALL FEES AND HAULAGE COSTS ASSOCIATED WITH DISPOSAL OF MATERIAL FROM THE SITE.

11. ALL COSTS ASSOCIATED WITH NOISE AND DUST SUPPRESSION FOR SITE WORKS ARE DEEMED THE CONTRACTOR'S RESPONSIBILITY.

12. COMPACTION STANDARDS

- MODIFIED TO AS 1289 TEST 5.2.1.
- 'STANDARD' TO AS 1289 TEST 5.1.1.

13. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR WILL PROVIDE SEDIMENT AND EROSION PROTECTION INCLUDING PROVISION OF SILT TRAPS AND FENCES TO MINIMISE DEPOSITION OF MATERIAL DOWNSTREAM OF THE PROPERTY.

14. NO BLASTING WILL BE PERMITTED.

15. THE LOCATION OF SITE SHEDS, SITE OFFICE AND AMENITIES BUILDING WILL BE LOCATED TO SUIT TEMPORARY UTILITY SERVICES AND AS AGREED WITH THE PRINCIPAL.

16. ALL SCREENING OF TOPSOIL STOCKPILED ON SITE WILL BE CONFINED TO THE SITE

17. ANY MATERIAL ON SITE DETERMINED AS SUITABLE FOR COMMON STRUCTURAL FILL WILL BE STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT.

18. THE LOCATION OF TEMPORARY STOCKPILES DURING CONSTRUCTION IS TO BE AGREED WITH THE SUPERINTENDENT.

19. TEMPORARY AND PERMANENT BATTER SLOPES SUBJECT TO ALTERATIONS ON SITE AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER.

20. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY DRAINAGE DURING CONSTRUCTION OF BULK EARTHWORKS, THE LOCATION OF TEMPORARY DRAINS IS TO BE AGREED WITH THE SUPERINTENDENT.

21. CONSTRUCTION TOLERANCES TO FINISHED BULK EARTHWORKS LEVELS ARE +0 AND -25mm IN BOTH CUT AND FILL LOCATIONS.

22. THE SITE IS TO BE LEFT NEAT AND TIDY AT THE COMPLETION OF THE WORKS, ALL RUBBISH AND DEBRIS SHALL BE REMOVED AND DISPOSED OF TO THE LOCAL AUTHORITY REQUIREMENTS AND SATISFACTION.

23. COMPACTION:

- CUT
 - TOP 300mm OF EXISTING SUBGRADE - 97% STD.
- FILL
 - TOP 300mm OF EXISTING SUBGRADE - 97% STD.
 - TO WITHIN 500mm OF FINISHED PLATFORM LEVEL - 98% STD.
 - TOP 500mm FINISHED PLATFORM LEVEL - 100% STD.

NOTES: BULK EARTHWORKS - PLATFORM

1. ALL BUILDING PAD EARTHWORKS SHALL BE CARRIED OUT USING A HIGH LEVEL OF MATERIAL QUALITY AND WORKMANSHIP, SO THAT ALL EARTHWORKS CONFORM WITH THE REQUIREMENTS OF THIS SPECIFICATION, IN THEIR ENTIRETY.

2. A GEOTECHNICAL REPORT NUMBER "*****", HAS BEEN PRODUCED FOR THE SITE BY "*****", THE CONTRACTOR SHALL BE FURNISHED WITH A COPY OF THIS REPORT, AND SHALL ENSURE THAT THEY ARE FULLY CONVERSANT WITH THE CONTENTS AND FINDINGS OF THE REPORT.

3. ALL BUILDING PAD EARTHWORKS SHALL BE PLANNED AND CARRIED OUT IN ACCORDANCE WITH THE FINDINGS AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

4. ALL BUILDING PAD EARTHWORKS SHALL ALSO BE CARRIED OUT IN COMPLIANCE WITH AS 3798 - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS, THE CONTRACTOR SHALL BE FULLY CONVERSANT WITH THE REQUIREMENTS OF AS 3798.

5. BUILDING PAD EARTHWORKS SHALL BE ASSESSED AND INSPECTED IN ACCORDANCE WITH AS 3798 SECTION 8.1 TO THE FOLLOWING STANDARD:

- LEVEL 2 INSPECTION AND TESTING (SECTION 8.2).

6. A SUITABLY EXPERIENCED AND QUALIFIED GEOTECHNICAL INSPECTION AND TESTING AUTHORITY (GITA) COMPLYING WITH AS 3798 SECTION 8.4 SHALL BE ENGAGED BY THE CONTRACTOR TO PERFORM THE LEVEL 2 INSPECTION AND TESTING. THE GITA SHALL ENSURE THAT ALL EARTHWORKS OPERATIONS ARE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF AS 3798 AND THE ENGINEERING SPECIFICATIONS AND DRAWINGS.

7. THE GITA SHALL PRODUCE AN INSPECTION AND TESTING PLAN DETAILING HOW THE LEVEL 2 SUPERVISION IS TO BE CARRIED OUT, INCLUDING TYPE AND FREQUENCY OF TESTING, PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS, THE GITA SHALL PROVIDE A COPY OF THE INSPECTION AND TESTING PLAN TO THE SUPERINTENDENT, FOR APPROVAL.

8. THE FREQUENCY AND LOCATION OF COMPACTION TESTS SHALL BE AT THE DISCRETION OF THE GITA, BUT UNDER NO CIRCUMSTANCES SHALL THE EXTENT OF TESTING BE LESS THAN THAT SPECIFIED IN AS 3798 TABLE 8.1.

9. ALL EARTHWORKS SHALL BE COMPACTED IN ACCORDANCE WITH AS 3798 USING EQUIPMENT DEEMED APPROPRIATE TO THE TASK, SUGGESTED EQUIPMENT HAS BEEN TABULATED IN AS 3798 APPENDIX D.

10. ALL FILL SHALL BE PLACED AT A MOISTURE CONTENT WITHIN +/- 2% OF THE OPTIMUM 10, MOISTURE CONTENT (OMC) AND SHALL ACHIEVE THE FOLLOWING MINIMUM COMPACTION STANDARDS:

- COHESIVE SOILS - 96% DENSITY RATIO (STANDARD COMPACTIVE EFFORT)
- COHESIONLESS SOILS - 70% DENSITY INDEX,

11. ALL TOPSOIL AND ANY EXISTING FILL MATERIAL DEEMED TO BE UNACCEPTABLE SHALL BE STRIPPED AT LEAST TO THE LEVELS REQUIRED ON THE DRAWINGS, ALL OTHER DELETERIOUS MATERIAL SUCH AS RUBBISH AND ORGANICS SHALL ALSO BE REMOVED, ANY SPOIL MATERIAL WHICH HAS BEEN APPROVED FOR RE-USE IN THE GEOTECHNICAL REPORT OR BY THE GITA SHALL BE SET ASIDE IN A DESIGNATED AREA.

12. WHEN ALL UNACCEPTABLE MATERIAL HAS BEEN REMOVED TO THE APPROVAL OF THE GITA, THE SITE SHALL THEN BE FILLED TO THE REQUIRED LEVELS, NO LAYER SHALL BE COVERED UP WITH SUBSEQUENT FILL WITHOUT THE APPROVAL OF THE GITA.

13. ON COMPLETION OF THE EARTHWORKS, THE GITA SHALL PROVIDE A REPORT TO THE SUPERINTENDENT, SETTING OUT THE INSPECTIONS, SAMPLING, TESTING AND LOCATION AND RESULTS THEREOF. THE REPORT SHALL ALSO INCLUDE STATEMENTS OF OPINION CERTIFYING THAT THE WORKS COMPLY WITH THE ENGINEERING SPECIFICATIONS AND DRAWINGS.

14. IMPORTED GENERAL FILL MATERIAL SHOULD BE COHESIVE IN NATURE AND BE OF GOOD LOW PLASTICITY. SELECT FILL MATERIAL WITH A SOAKED CBR > 10%, A MAXIMUM PARTICLE SIZE OF 75mm WITH AT LEAST 80% PASSING THE 19mm SIEVE.

15. IMPORTED FILL PLACED SHOULD BE COMPACTED IN LAYERS (APPROXIMATELY 250mm LOOSE THICKNESS) TO A DENSITY NOT LESS THAN 98% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH A.S.1289 5.1.1 (STANDARD COMPACTION)

NOTES: CONCRETE

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT EDITIONS OF AS 3600 'CONCRETE STRUCTURES' EXCEPT AS VARIED BY CONTRACT DOCUMENTS.

2. CONCRETE STRENGTH GRADE FOR PARTICULAR ELEMENTS SHALL BE AS NOTED ON THE DRAWINGS. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.

3. ALL CONCRETE SHALL COMPLY WITH PERFORMANCE REQUIREMENTS AS NOTED ON THE DRAWINGS, A COPY OF ALL DELIVERY DOCUMENTS DETAILING QUANTITIES AND SPECIFICATIONS OF CONCRETE USED ON SITE SHALL BE PROVIDED.

4. ALL REINFORCEMENT SHALL BE TO CURRENT EDITIONS OF AS 4671 U.N.O.
SYMBOLS:-

- E = DEFORMED RIBBED 500MPa EARTHQUAKE DUCTILITY BAR (D500E);
- L = DEFORMED RIBBED 500MPa LOW DUCTILITY BAR (D500L);
- N = DEFORMED RIBBED 500MPa NORMAL DUCTILITY BAR (D500N);
- R = ROUND 250MPa NORMAL DUCTILITY BAR (R250N);

THE NUMBER FOLLOWING THE BAR IS THE NOMINAL BAR DIAMETER IN MILLIMETRES.

5. ALL WELDED MESH REINFORCEMENT SHALL BE FABRICATED FROM DEFORMED RIBBED 500MPa BAR (D500) U.N.O.

6. REINFORCEMENT SHALL BE BENT COLD IN ACCORDANCE WITH AS 3600 EXCEPT WHERE APPROVED BY THE STRUCTURAL ENGINEER.

7. ALL CONCRETE IS TO BE MECHANICALLY VIBRATED DURING PLACING.

8. CONSTRUCTION JOINTS SHALL BE FORMED AND USED ONLY WHERE SHOWN ON THE DRAWINGS OR SPECIFICALLY APPROVED BY THE ENGINEER.

9. FORMWORK IS TO BE IN ACCORDANCE WITH AS 3610 'FORMWORK FOR CONCRETE' UNLESS SPECIFIED OTHERWISE.

10. ADEQUATE MEASURES SHALL BE TAKEN TO CONTROL DRYING SHRINKAGE OF CONCRETE DURING PLACEMENT, COMPACTION AND FINISHING.

11. ALL CONCRETE PAVEMENT SLABS TO BE UNDERLAIN WITH TWO LAYERS OF 0.2mm POLYTHENE, LAPPED AND TAPED TO MANUFACTURER'S SPECIFICATIONS.

12. NO WATER IS TO BE ADDED TO CONCRETE MIX ON SITE UNLESS APPROVED AND SPECIFIED BY ENGINEER.

13. ALL DOVEL JOINTS ARE TO USE GALVANISED STEEL MEMBERS UNLESS APPROVED AND SPECIFIED BY ENGINEER.

14. FINISH AND SURFACING TO ARCHITECT AND LANDSCAPE ARCHITECT DETAILS.

NOTES: PAVEMENT MARKING AND SIGNAGE

1. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR IS TO IDENTIFY AND BE SATISFIED OF THE CORRECT LOCATION OF ALL EXISTING SERVICES WHETHER INDICATED OR NOT ON THE PLANS. ANY DAMAGE TO EXISTING SERVICES IS TO BE RECTIFIED AT THE CONTRACTOR'S EXPENSE.

2. ALL PAVEMENT MARKING, SIGNAGE AND RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPM) TO BE IN ACCORDANCE WITH THE TMR AND AS 1742 MANUAL FOR UNIFORM TRAFFIC COUNTOUR DEVICES.

3. GUIDE POSTS TO BE IN ACCORDANCE WITH THE TMR AND AS 1742 MANUAL FOR UNIFORM TRAFFIC COUNTOUR DEVICES.

4. FOR SIGNAGE AND ASSEMBLY DETAILS REFER TMR STANDARD DWG.

5. STREET NAME SIGNS SHALL BE TO LOCAL GOVERNMENT STANDARDS.

6. FOR ROADWORK DELINEATOR DETAILS REFER TMR STANDARD DWG.

7. EXISTING PAVEMENT MARKING ARE TO BE REMOVED BY GRINDING.

8. LONGITUDINAL LINE MARKING SHALL BE DULUX A1 SOLVENT BASED PAVEMENT MARKING OR APPROVED EQUIVALENT, TRANSVERSE LINE MARKING SHALL BE THERMOPLASTIC OR APPROVED EQUIVALENT.

9. PEOPLE WITH DISABILITY PARKING SPACE, SYMBOLS, BOLLARDS AND SHARED SPACE TO BE IN ACCORDANCE WITH AS2890.

NOTES: PEDESTRIAN SURFACES

ALL SURFACES SUBJECT TO PEDESTRIAN TRAFFIC SHALL MEET THE MINIMUM PENDULUM OR RAMP RECOMMENDATIONS CONTAINED IN TABLE 3 OF AUSTRALIAN STANDARD HANDBOOK HB197: 1999 - AN INTRODUCTORY GUIDE TO THE SLIP RESISTANCE OF PEDESTRIAN SURFACE MATERIALS. COMPLIANCE WITH THE RECOMMENDATIONS SHALL BE VERIFIED BY TESTING TO EITHER- AS/NZS 4586:2004 - SLIP RESISTANCE CLASSIFICATIONS OF NEW PEDESTRIAN SURFACE MATERIALS, OR AS/NZS 4683:2004 - SLIP RESISTANCE MEASUREMENT OF EXISTING PEDESTRIAN SURFACES AS APPROPRIATE IN BOTH INSTANCES COMPLIANCE SHALL BE DEMONSTRATED BY APPLYING CLAUSE 5.3 - MEANS OF DEMONSTRATING COMPLIANCE OF AS/NZS 4586:2004 - SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS. IN GENERAL, THE CLASSIFICATION OF A SURFACING MATERIAL OR FINISH SHALL BE MADE ON A WORST CASE BASIS AS DETERMINED BY PENDULUM TESTING USING BOTH THE FOUR S AND TRI RUBBER SLIDER. WHERE ADDITIONAL TEST RESULTS ARE AVAILABLE (OIL-WET RAMP, WET/ BAREFOOT RAMP) THESE MAY BE TAKEN INTO CONSIDERATION.

NOTES: AS CONSTRUCTED

1. THE CONTRACTOR SHALL ARRANGE FOR AN INDEPENDENT LICENSED SURVEYOR TO CARRY OUT 'WORKS AS CONSTRUCTED' SURVEY AND SUBMIT DETAILS SHOWN ON A PLAN TO THE SUPERINTENDENT AT COMPLETION OF CONSTRUCTION.

2. 'WORKS AS CONSTRUCTED' SURVEY IS TO SHOW BUT NOT BE LIMITED TO:

- LEVEL AND LOCATION OF RETAINING WALLS, FEATURES, EARTHWORKS AND FINISHED SURFACE LEVELS
- LEVEL AND LOCATION OF NEW KERB, KERB AND CHANNEL, CONCRETE INVERT AND KERB RAMP
- LEVEL AND LOCATION OF ALL DRAINAGE STRUCTURES, PIPES SIZES AND INVERT LEVELS FOR STORMWATER DRAINAGE, SEWERAGE RETICULATION AND WATER RETICULATION
- ANY DETAILS RELATED TO FINAL ROAD TRUNCATION, ROAD WORKS AND SERVICES
- ANY DETAILS REQUIRED BY THE DEVELOPMENT APPROVAL

3. AS CONSTRUCTED SURVEY IS TO BE PROVIDED IN .DWG, .PDF AND ADAC FORMATS.

NOTES: MAINTENANCE NOTE

1. CONTRACTOR TO ATTEND ON-MAINTENANCE INSPECTION WITH ENGINEER AND LOCAL COUNCIL OFFICERS IF REQUIRED.

2. SUCH MAINTENANCE SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROVISIONS OF THE GENERAL CONDITIONS OF CONTRACT WITH RESPECT TO MAKING GOOD DEFECTS AND OTHER FAULTS DUE TO FAULTY REPAIR AND/OR WORKMANSHIP AND SHALL INCLUDE CLEANING UP AND REPAIR DUE TO STORM DAMAGE.

3. THE DEFECTS LIABILITY PERIOD SHALL BE FOR TWELVE MONTHS FROM THE DATE OF PRACTICAL COMPLETION. CONTRACTOR TO ATTEND OFF-MAINTENANCE INSPECTION WITH ENGINEER AND LOCAL COUNCIL OFFICERS AFTER TWELVE MONTH DEFECTS LIABILITY PERIOD.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2021/1233

Date: 13 January 2022

NOT FOR CONSTRUCTION

infinitec

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Drawn GP
Checked PC
Signed
RPEQ

Project
LOT 3 GATES ROAD, FLAGSTONE QLD 4280
Title
GENERAL NOTES

Drawing Number
21564-C001
Scale AS SHOWN
Rev A

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Client

TONY STAVRIANOS

all horizontal information is to AMG
all vertical information is to AHD

DO NOT SCALE FROM DRAWING

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NOTES: BULK EARTHWORKS - GENERAL

1. IN CASE OF DOUBT - ASK

2. ALL LEVELS TO AHD, DIMENSIONS IN METERS UNO.

3. ALL LIAISON WITH LOCAL, STATE & STATUTORY AUTHORITIES IS THE CONTRACTOR'S RESPONSIBILITY.

4. THE LOCATION OF EXISTING SERVICES IS FOR THE CONTRACTOR'S INFORMATION ONLY, THE LOCATION OF SERVICES WILL BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.

5. ANY DAMAGE CAUSED TO THE EXISTING SERVICES WILL BE MADE GOOD AT THE CONTRACTORS EXPENSE.

6. THE LOCATION OF TEMPORARY DRAINS, DAMS AND SUMPS ARE TO BE AGREED WITH THE SUPERINTENDENT.

7. EARTHWORK PROCEDURES ARE TO BE CARRIED OUT IN ACCORDANCE WITH AS 3798 - 2007 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'

8. CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE, HEALTH AND SAFETY ACT-2011.

9. ALL WORKS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES STANDARD DRAWINGS AND SPECIFICATIONS UNO.

10. THE CONTRACTOR IS TO ALLOW FOR ALL FEES AND HAULAGE COSTS ASSOCIATED WITH DISPOSAL OF MATERIAL FROM THE SITE.

11. ALL COSTS ASSOCIATED WITH NOISE AND DUST SUPPRESSION FOR SITE WORKS ARE DEEMED THE CONTRACTOR'S RESPONSIBILITY.

12. COMPACTION STANDARDS
- MODIFIED TO AS 1289 TEST 5.2.1.
- STANDARD TO AS 1289 TEST 5.1.1.

13. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR WILL PROVIDE SEDIMENT AND EROSION PROTECTION INCLUDING PROVISION OF SILT TRAPS AND FENCES TO MINIMISE DEPOSITION OF MATERIAL DOWNSTREAM OF THE PROPERTY.

14. NO BLASTING WILL BE PERMITTED.

15. THE LOCATION OF SITE SHEDS, SITE OFFICE AND AMENITIES BUILDING WILL BE LOCATED TO SUIT TEMPORARY UTILITY SERVICES AND AS AGREED WITH THE PRINCIPAL.

16. ALL SCREENING OF TOPSOIL STOCKPILED ON SITE WILL BE CONFINED TO THE SITE

17. ANY MATERIAL ON SITE DETERMINED AS SUITABLE FOR COMMON STRUCTURAL FILL WILL BE STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT.

18. THE LOCATION OF TEMPORARY STOCKPILES DURING CONSTRUCTION IS TO BE AGREED WITH THE SUPERINTENDENT.

19. TEMPORARY AND PERMANENT BATTER SLOPES SUBJECT TO ALTERATIONS ON SITE AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER.

20. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY DRAINAGE DURING CONSTRUCTION OF BULK EARTHWORKS, THE LOCATION OF TEMPORARY DRAINS IS TO BE AGREED WITH THE SUPERINTENDENT.

21. CONSTRUCTION TOLERANCES TO FINISHED BULK EARTHWORKS LEVELS ARE +0 AND -25mm IN BOTH CUT AND FILL LOCATIONS.

22. THE SITE IS TO BE LEFT NEAT AND TIDY AT THE COMPLETION OF THE WORKS, ALL RUBBISH AND DEBRIS SHALL BE REMOVED AND DISPOSED OF TO THE LOCAL AUTHORITY REQUIREMENTS AND SATISFACTION.

23. COMPACTION:
CUT - TOP 300mm OF EXISTING SUBGRADE - 97% STD.
FILL - TOP 300mm OF EXISTING SUBGRADE - 97% STD.
- TO WITHIN 500mm OF FINISHED PLATFORM LEVEL - 98% STD.
- TOP 500mm FINISHED PLATFORM LEVEL - 100% STD.

NOTES: SURVEY

1. ALL LEVELS ARE TO BE TO A.H.D LEVEL DATUM P.S.M. SURVEY ORIGIN IS PERMANENT BENCHMARK NO. PSM150556. REFER TO SURVEY FILE NO. 21/DA441/1.

DISCLAIMER
WHILST EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION PROVIDED IN THIS DRAWING/DESIGN WAS ACCURATE AT THE TIME IT WAS COMPILED, AS PART OF THE LOCAL COUNCILS 'AS CONSTRUCTED' RECORDS, IT REMAINS THE RESPONSIBILITY OF PROPERTY OWNERS AND THEIR CONTRACTORS, SUB-CONTRACTORS, EMPLOYEES, SERVANTS AND AGENTS AS APPROPRIATE IN THE CIRCUMSTANCES TO MAKE ALL REASONABLE EFFORTS TO ASCERTAIN THE PRECISE LOCATION OF EXISTING INFRASTRUCTURE INCLUDING WATER MAINS, SEWERS AND DRAINS BEFORE UNDERTAKING EXCAVATION OR CONSTRUCTION WORK.
USERS OF THE INFORMATION SHOULD BE AWARE THAT SINCE THE ORIGINAL RECORDING OF THE DEPTHS IN RELATION TO GROUND LEVELS, CHANGES MAY HAVE OCCURRED AS A RESULT OF SUBSEQUENT WORK OR ACTIVITIES INVOLVING FILLING OR EXCAVATION, CONSEQUENTLY, THE LOCAL GOVERNMENT AUTHORITY AND INFINITEC TAKES NO RESPONSIBILITY FOR ANY APPARENT ERROR OR INACCURACIES THAT ARE SHOWN TO EXIST AS AT THE DATE INFORMATION WAS PROVIDED OR AT A LATER DATE.
THE ABOVE ALSO APPLIES TO LOCATION AND DEPTH OF ALL OTHER PUBLIC UTILITIES.

OPTIC FIBRE

NETWORK EXISTS IN THE AREA, IF YOUR ACTIVITIES ARE WITHIN SERVICE PROVIDER ENCROACHMENT DISTANCES (SEE DUTY OF CARE) THE CONTRACTOR IS TO CONTACT THE SERVICE PROVIDER AT LEAST 2 DAYS BEFORE STARTING ANY ACTIVITY.

FOR ALL WORK WITHIN 2.5m OF ANY FIBRE OPTIC CABLES, THE CONTRACTOR IS REQUIRED TO HAND DIG (POTHOLE) AND EXPOSE ALL CABLES/ CORDS. BEFORE WORK CAN COMMENCE THE CONTRACTOR IS TO OBTAIN THE ONSITE LOCATION FROM AN ACCREDITED PLANT LOCATOR.

NOTES: BULK EARTHWORKS - PLATFORM

1. ALL BUILDING PAD EARTHWORKS SHALL BE CARRIED OUT USING A HIGH LEVEL OF MATERIAL QUALITY AND WORKMANSHIP, SO THAT ALL EARTHWORKS CONFORM WITH THE REQUIREMENTS OF THIS SPECIFICATION, IN THEIR ENTIRETY.

2. A GEOTECHNICAL REPORT NUMBER '*****', HAS BEEN PRODUCED FOR THE SITE BY '*****', THE CONTRACTOR SHALL BE FURNISHED WITH A COPY OF THIS REPORT, AND SHALL ENSURE THAT THEY ARE FULLY CONVERSANT WITH THE CONTENTS AND FINDINGS OF THE REPORT.

3. ALL BUILDING PAD EARTHWORKS SHALL BE PLANNED AND CARRIED OUT IN ACCORDANCE WITH THE FINDINGS AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

4. ALL BUILDING PAD EARTHWORKS SHALL ALSO BE CARRIED OUT IN COMPLIANCE WITH AS 3798 - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS, THE CONTRACTOR SHALL BE FULLY CONVERSANT WITH THE REQUIREMENTS OF AS 3798.

5. BUILDING PAD EARTHWORKS SHALL BE ASSESSED AND INSPECTED IN ACCORDANCE WITH AS 3798 SECTION 8.1 TO THE FOLLOWING STANDARD:
- LEVEL 2 INSPECTION AND TESTING (SECTION 8.2).

6. A SUITABLY EXPERIENCED AND QUALIFIED GEOTECHNICAL INSPECTION AND TESTING AUTHORITY (GITA) COMPLYING WITH AS 3798 SECTION 8.4 SHALL BE ENGAGED BY THE CONTRACTOR TO PERFORM THE LEVEL 2 INSPECTION AND TESTING. THE GITA SHALL ENSURE THAT ALL EARTHWORKS OPERATIONS ARE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF AS 3798 AND THE ENGINEERING SPECIFICATIONS AND DRAWINGS.

7. THE GITA SHALL PRODUCE AN INSPECTION AND TESTING PLAN DETAILING HOW THE LEVEL 2 SUPERVISION IS TO BE CARRIED OUT, INCLUDING TYPE AND FREQUENCY OF TESTING, PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS, THE GITA SHALL PROVIDE A COPY OF THE INSPECTION AND TESTING PLAN TO THE SUPERINTENDENT, FOR APPROVAL.

8. THE FREQUENCY AND LOCATION OF COMPACTION TESTS SHALL BE AT THE DISCRETION OF THE GITA, BUT UNDER NO CIRCUMSTANCES SHALL THE EXTENT OF TESTING BE LESS THAN THAT SPECIFIED IN AS 3798 TABLE 8.1.

9. ALL EARTHWORKS SHALL BE COMPACTED IN ACCORDANCE WITH AS 3798 USING EQUIPMENT DEEMED APPROPRIATE TO THE TASK, SUGGESTED EQUIPMENT HAS BEEN TABULATED IN AS 3798 APPENDIX D.

10. ALL FILL SHALL BE PLACED AT A MOISTURE CONTENT WITHIN +- 2% OF THE OPTIMUM 10, MOISTURE CONTENT (OMC) AND SHALL ACHIEVE THE FOLLOWING MINIMUM COMPACTION STANDARDS:
- COHESIVE SOILS - 95% DENSITY RATIO (STANDARD COMPACTIVE EFFORT)
- COHESIONLESS SOILS - 70% DENSITY INDEX.

11. ALL TOPSOIL AND ANY EXISTING FILL MATERIAL DEEMED TO BE UNACCEPTABLE SHALL BE STRIPPED AT LEAST TO THE LEVELS REQUIRED ON THE DRAWINGS, ALL OTHER DELETERIOUS MATERIAL SUCH AS RUBBISH AND ORGANICS SHALL ALSO BE REMOVED, ANY SPOIL MATERIAL WHICH HAS BEEN APPROVED FOR RE-USE IN THE GEOTECHNICAL REPORT OR BY THE GITA SHALL BE SET ASIDE IN A DESIGNATED AREA.

12. WHEN ALL UNACCEPTABLE MATERIAL HAS BEEN REMOVED TO THE APPROVAL OF THE GITA, THE SITE SHALL THEN BE FILLED TO THE REQUIRED LEVELS, NO LAYER SHALL BE COVERED UP WITH SUBSEQUENT FILL WITHOUT THE APPROVAL OF THE GITA.

13. ON COMPLETION OF THE EARTHWORKS, THE GITA SHALL PROVIDE A REPORT TO THE SUPERINTENDENT, SETTING OUT THE INSPECTIONS, SAMPLING, TESTING AND LOCATION AND RESULTS THEREOF. THE REPORT SHALL ALSO INCLUDE STATEMENTS OF OPINION CERTIFYING THAT THE WORKS COMPLY WITH THE ENGINEERING SPECIFICATIONS AND DRAWINGS.

14. IMPORTED GENERAL FILL MATERIAL SHOULD BE COHESIVE IN NATURE AND BE OF GOOD LOW PLASTICITY. SELECT FILL MATERIAL WITH A SOAKED CBR > 10%, A MAXIMUM PARTICLE SIZE OF 75mm WITH AT LEAST 80% PASSING THE 19mm SIEVE.

15. IMPORTED FILL PLACED SHOULD BE COMPACTED IN LAYERS (APPROXIMATELY 250mm LOOSE THICKNESS) TO A DENSITY NOT LESS THAN 98% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH A.S.1289 5.1,1 (STANDARD COMPACTION)

NOTES: EXISTING SERVICES

1. THE CONTRACTOR IS MAKE THEMSELVES FULLY AWARE OF ALL EXISTING SERVICES, FOR EXAMPLE DIAL BEFORE YOU DIG TO BE CONTACTED FOR THE LOCATION OF EXISTING PUBLIC UTILITIES PRIOR TO EXCAVATION.

2. THE ALIGNMENT & LEVEL OF EXISTING SERVICES SHOWN ON THIS DRAWING HAS BEEN COMPILED FROM SURVEY DATA & COUNCIL RECORDS & IS INDICATIVE ONLY. PRIOR TO COMMENCING CONSTRUCTION OR ORDERING ANY MATERIALS THE CONTRACTOR IS TO CONFIRM THE ALIGNMENT & LEVEL OF ALL SERVICES AFFECTED BY THE PROPOSED WORKS.

3. WHILE DUE CARE IS TAKEN BY INFINITEC IN CONFIRMING THE LOCATION OF EXISTING SERVICES IT IS THE CONTRACTORS RESPONSIBILITY TO CONFIRM THESE SERVICE LOCATIONS. IN SOME INSTANCES SERVICES MAY BE OMITTED FROM THE DRAWINGS.

4. A REPRESENTATIVE FOR EACH SERVICE PROVIDER TO BE PRESENT ON SITE WHEN WORKING WITHIN 3.0m OF EACH SERVICE.

5. SHOULD INVERT LEVELS OR LOCATION OF ANY SERVICE CONNECTION POINTS DIFFER TO THAT INDICATED ON THE DRAWINGS THEN THE SUPERVISING ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

6. ANY WORK ON EXISTING SERVICES THAT REQUIRE RELOCATION SHALL BE CARRIED OUT BY THE RELEVANT AUTHORITY SHALL BE CO-ORDINATED BY THE CONTRACTOR, CONTRACTOR TO OBTAIN REQUIRED APPROVALS FROM THE RELEVANT AUTHORITY.

NOTES: SAFETY

INFINITEC RECOGNIZES THE IMPORTANCE OF OCCUPATIONAL HEALTH AND SAFETY. HOWEVER, INFINITEC HAS NOT BEEN ENGAGED TO DEVELOP, CHECK, SUPERVISE OR CONTROL WORKERS OR METHODS OF WORK. INFINITEC DOES NOT HAVE THE CAPACITY OR AUTHORITY TO CONTROL WORKERS OR METHODS OF WORK, NOTHING IN THESE DESIGNS SHOULD BE INTERPRETED AS GOING BEYOND THE STRUCTURAL INTEGRITY OF THE SUBJECT MATTER OF THE DESIGNS AND THEY SHOULD NOT BE USED AS AN INDICATOR OF THE APPROPRIATE METHODS OF WORK ON, IN OR AROUND THE SUBJECT MATTER, CONCERNS ABOUT THE CONDUCT OF WORKERS OR METHODS OF WORK SHOULD BE RAISED WITH THE APPROPRIATE SAFETY OFFICIAL ON SITE.

NOTES: CONCRETE

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT EDITIONS OF AS 3600 'CONCRETE STRUCTURES' EXCEPT AS VARIED BY CONTRACT DOCUMENTS.

2. CONCRETE STRENGTH GRADE FOR PARTICULAR ELEMENTS SHALL BE AS NOTED ON THE DRAWINGS. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.

3. ALL CONCRETE SHALL COMPLY WITH PERFORMANCE REQUIREMENTS AS NOTED ON THE DRAWINGS, A COPY OF ALL DELIVERY DOCUMENTS DETAILING QUANTITIES AND SPECIFICATIONS OF CONCRETE USED ON SITE SHALL BE PROVIDED.

4. ALL REINFORCEMENT SHALL BE TO CURRENT EDITIONS OF AS 4671 U.N.O.
SYMBOLS:-
E = DEFORMED RIBBED 500MPa EARTHQUAKE DUCTILITY BAR (D500E);
L = DEFORMED RIBBED 500MPa LOW DUCTILITY BAR (D500L);
N = DEFORMED RIBBED 500MPa NORMAL DUCTILITY BAR (D500N);
R = ROUND 250MPa NORMAL DUCTILITY BAR (R250N);
THE NUMBER FOLLOWING THE BAR IS THE NOMINAL BAR DIAMETER IN MILLIMETRES.

5. ALL WELDED MESH REINFORCEMENT SHALL BE FABRICATED FROM DEFORMED RIBBED 500MPa BAR (D500) UNO.

6. REINFORCEMENT SHALL BE BENT COLD IN ACCORDANCE WITH AS 3600 EXCEPT WHERE APPROVED BY THE STRUCTURAL ENGINEER.

7. ALL CONCRETE IS TO BE MECHANICALLY VIBRATED DURING PLACING.

8. CONSTRUCTION JOINTS SHALL BE FORMED AND USED ONLY WHERE SHOWN ON THE DRAWINGS OR SPECIFICALLY APPROVED BY THE ENGINEER.

9. FORMWORK IS TO BE IN ACCORDANCE WITH AS 3610 'FORMWORK FOR CONCRETE' UNLESS SPECIFIED OTHERWISE.

10. ADEQUATE MEASURES SHALL BE TAKEN TO CONTROL DRYING SHRINKAGE OF CONCRETE DURING PLACEMENT, COMPACTION AND FINISHING.

11. ALL CONCRETE PAVEMENT SLABS TO BE UNDERLAIN WITH TWO LAYERS OF 0.2mm POLYTHENE, LAPPED AND TAPED TO MANUFACTURER'S SPECIFICATIONS.

12. NO WATER IS TO BE ADDED TO CONCRETE MIX ON SITE UNLESS APPROVED AND SPECIFIED BY ENGINEER.

13. ALL DOVEL JOINTS ARE TO USE GALVANISED STEEL MEMBERS UNLESS APPROVED AND SPECIFIED BY ENGINEER.

14. FINISH AND SURFACING TO ARCHITECT AND LANDSCAPE ARCHITECT DETAILS.

NOTES: PAVEMENT MARKING AND SIGNAGE

1. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR IS TO IDENTIFY AND BE SATISFIED OF THE CORRECT LOCATION OF ALL EXISTING SERVICES WHETHER INDICATED OR NOT ON THE PLANS. ANY DAMAGE TO EXISTING SERVICES IS TO BE RECTIFIED AT THE CONTRACTOR'S EXPENSE.

2. ALL PAVEMENT MARKING, SIGNAGE AND RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPM) TO BE IN ACCORDANCE WITH THE TMR AND AS 1742 MANUAL FOR UNIFORM TRAFFIC CONTOUR DEVICES.

3. GUIDE POSTS TO BE IN ACCORDANCE WITH THE TMR AND AS 1742 MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES.

4. FOR SIGNAGE AND ASSEMBLY DETAILS REFER TMR STANDARD DWG.

5. STREET NAME SIGNS SHALL BE TO LOCAL GOVERNMENT STANDARDS.

6. FOR ROADWORK DELINEATOR DETAILS REFER TMR STANDARD DWG.

7. EXISTING PAVEMENT MARKING ARE TO BE REMOVED BY GRINDING.

8. LONGITUDINAL LINE MARKING SHALL BE DULUX A1 SOLVENT BASED PAVEMENT MARKING OR APPROVED EQUIVALENT. TRANSVERSE LINE MARKING SHALL BE THERMOPLASTIC OR APPROVED EQUIVALENT.

9. PEOPLE WITH DISABILITY PARKING SPACE, SYMBOLS, BOLLARDS AND SHARED SPACE TO BE IN ACCORDANCE WITH AS2890.

NOTES: PEDESTRIAN SURFACES

ALL SURFACES SUBJECT TO PEDESTRIAN TRAFFIC SHALL MEET THE MINIMUM PENDULUM OR RAMP RECOMMENDATIONS CONTAINED IN TABLE 3 OF AUSTRALIAN STANDARD HANDBOOK HB197:1999 - AN INTRODUCTORY GUIDE TO THE SLIP RESISTANCE OF PEDESTRIAN SURFACE MATERIALS. COMPLIANCE WITH THE RECOMMENDATIONS SHALL BE VERIFIED BY TESTING TO EITHER- AS/NZS 4586:2004 - SLIP RESISTANCE CLASSIFICATIONS OF NEW PEDESTRIAN SURFACE MATERIALS, OR AS/NZS 4663:2004 - SLIP RESISTANCE MEASUREMENT OF EXISTING PEDESTRIAN SURFACES AS APPROPRIATE IN BOTH INSTANCES COMPLIANCE SHALL BE DEMONSTRATED BY APPLYING CLAUSE 5.3 - MEANS OF DEMONSTRATING COMPLIANCE OF AS/NZS 4586:2004 - SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS. IN GENERAL, THE CLASSIFICATION OF A SURFACING MATERIAL OR FINISH SHALL BE MADE ON A WORST CASE BASIS AS DETERMINED BY PENDULUM TESTING USING BOTH THE FOUR S AND TRL RUBBER SLIDER, WHERE ADDITIONAL TEST RESULTS ARE AVAILABLE (OIL-WET RAMP, WET/ BAREFOOT RAMP) THESE MAY BE TAKEN INTO CONSIDERATION.

NOTES: AS CONSTRUCTED

1. THE CONTRACTOR SHALL ARRANGE FOR AN INDEPENDENT LICENSED SURVEYOR TO CARRY OUT 'WORKS AS CONSTRUCTED' SURVEY AND SUBMIT DETAILS SHOWN ON A PLAN TO THE SUPERINTENDENT AT COMPLETION OF CONSTRUCTION.

2. 'WORKS AS CONSTRUCTED' SURVEY IS TO SHOW BUT NOT BE LIMITED TO:
 - LEVEL AND LOCATION OF RETAINING WALLS, FEATURES, EARTHWORKS AND FINISHED SURFACE LEVELS
 - LEVEL AND LOCATION OF NEW KERB, KERB AND CHANNEL, CONCRETE INVERT AND KERB RAMP
 - LEVEL AND LOCATION OF ALL DRAINAGE STRUCTURES, PIPES SIZES AND INVERT LEVELS FOR STORMWATER DRAINAGE, SEWERAGE RETICULATION AND WATER RETICULATION
 - ANY DETAILS RELATED TO FINAL ROAD TRUNCATION, ROAD WORKS AND SERVICES
 - ANY DETAILS REQUIRED BY THE DEVELOPMENT APPROVAL

3. AS CONSTRUCTED SURVEY IS TO BE PROVIDED IN .DWG, .PDF AND ADAC FORMATS.

NOTES: MAINTENANCE NOTE

1. CONTRACTOR TO ATTEND ON-MAINTENANCE INSPECTION WITH ENGINEER AND LOCAL COUNCIL OFFICERS IF REQUIRED.

2. SUCH MAINTENANCE SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROVISIONS OF THE GENERAL CONDITIONS OF CONTRACT WITH RESPECT TO MAKING GOOD DEFECTS AND OTHER FAULTS DUE TO FAULTY REPAIR AND/OR WORKMANSHIP AND SHALL INCLUDE CLEANING UP AND REPAIR DUE TO STORM DAMAGE.

3. THE DEFECTS LIABILITY PERIOD SHALL BE FOR TWELVE MONTHS FROM THE DATE OF PRACTICAL COMPLETION. CONTRACTOR TO ATTEND OFF-MAINTENANCE INSPECTION WITH ENGINEER AND LOCAL COUNCIL OFFICERS AFTER TWELVE MONTH DEFECTS LIABILITY PERIOD.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

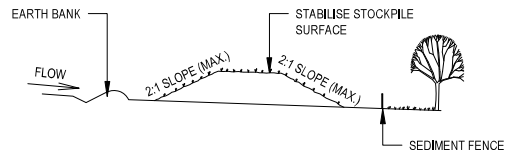
Approval no: DEV2021/1233
Date: 13 January 2022



NOT FOR CONSTRUCTION

NOTES - EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTIGATE ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH STATUTORY REQUIREMENTS AND LOGAN COUNCIL'S EROSION AND SEDIMENT CONTROL STANDARD, AND "SEDIMENT BASIN DESIGN, CONSTRUCTION AND MAINTENANCE GUIDELINES". THESE MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED.
- THE SEDIMENT & EROSION CONTROL PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS.
- THE SITE SUPERINTENDENT SHALL ENSURE THAT ALL SEDIMENT AND EROSION CONTROL WORKS ARE LOCATED AS INSTRUCTED IN THE DRAWINGS.
- INFORM ALL CONTRACTORS OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
- THE SEDIMENT & EROSION CONTROL PLAN PRESENTS CONCEPTS ONLY. THE CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCIL'S DESIGN, AND ALL OTHER REGULATORY AUTHORITY REQUIREMENTS, PAY ALL FEES.
- WORKS ARE TO BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
 - INSTALL SEDIMENT FENCING WHERE SHOWN ON THE PLAN & TO SEDIMENT FENCE DETAIL.
 - CONSTRUCT TEMPORARY CONSTRUCTION ENTRY/EXIT AS SHOWN ON THE PLAN & TO TEMPORARY CONSTRUCTION ENTRY/EXIT DETAIL.
 - CONSTRUCT LOW FLOW DIVERSION BANKS WHERE SHOWN ON THE PLAN AND TO DIVERSION BANK DETAIL.
 - PROVIDE TEMPORARY ACCESS TO THE SEDIMENT BASINS AND PROTECT THIS WITH SEDIMENT FENCING.
 - PLACE SEDIMENT FENCING DOWNSLOPE OF LANDS TO BE DISTURBED FOR CONSTRUCTION OF THE SEDIMENT BASINS.
 - CONSTRUCT SEDIMENT BASINS GENERALLY IN ACCORDANCE WITH COUNCIL'S SEDIMENT BASIN GUIDELINES.
 - STABILISE LAND SURFACES DISTURBED BY CONSTRUCTION OF THE SEDIMENT BASINS AS SOON FINAL LEVELS ARE ESTABLISHED.
 - CLEAR THE SITE AND STRIP AND STOCKPILE EXCESS FILL AT THE LOCATION SHOWN ON THE PLAN OR AS DIRECTED BY THE SITE SUPERINTENDENT TO STOCKPILE DETAIL.
 - UNDERTAKE ALL ESSENTIAL CONSTRUCTION WORKS.
 - INSTALL MESH AND GRAVEL INLET PROTECTION FOR ADJACENT KERB INLETS.
 - INSTALL GEOTEXTILE INLET FILTERS AROUND ALL DROP INLETS ON SITE.
 - GRADE LOT AREAS TO FINAL GRADES WITHIN 20 DAYS OF COMPLETION OF CONSTRUCTION WORKS.
 - REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER PERMANENT WORKS HAVE BEEN COMPLETED.
- UNDERTAKE SITE DEVELOPMENT WORKS SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MINIMUM WORKABLE SIZE.
- MAINTAIN AND MANAGE ENVIRONMENTAL PROTECTION MEASURES THROUGHOUT CONTRACT.
- AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) SHALL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- WATER SHALL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEEN STABILISED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED OUT.
- TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED / REHABILITATED.
- ALLOW FOR THE ESTABLISHMENT OF OTHER EROSION PROTECTION MEASURES.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY, REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.
- ACCEPTABLE RECEPTORS SHALL BE USED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER SHALL BE DISPOSED OF IN ACCORDANCE WITH REGULATORY AUTHORITY REQUIREMENTS, PAY ALL FEES AND PROVIDE EVIDENCE OF SAFE DISPOSAL.

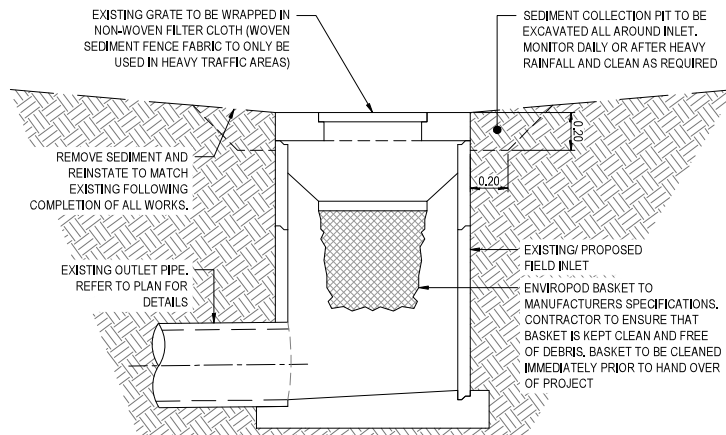


CONSTRUCTION NOTES

- PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
- CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
- WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
- WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
- CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.

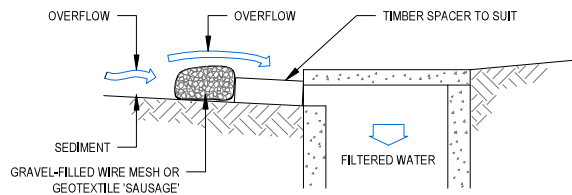
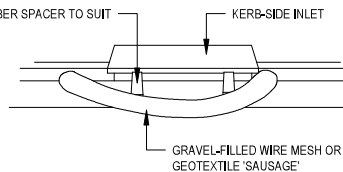
STOCKPILE

NOT TO SCALE



TYPICAL FIELD INLET SEDIMENT TRAP

NOT TO SCALE



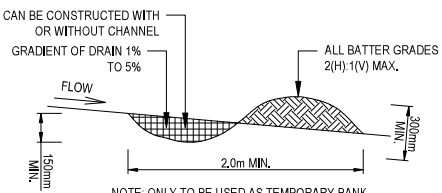
NOTE: THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED IN AN APPROVED SWMP/ESCP.

CONSTRUCTION NOTES

- INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
- FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
- PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
- FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
- SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

MESH AND GRAVEL INLET FILTER

NOT TO SCALE

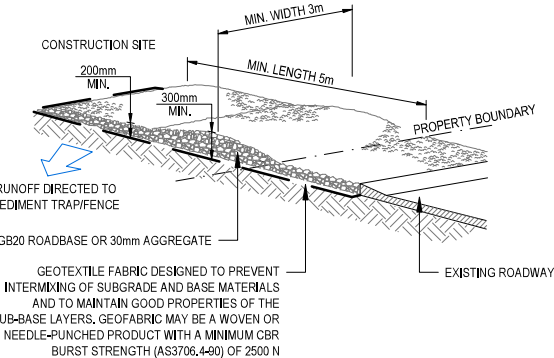


CONSTRUCTION NOTES

- BUILD WITH GRADIENTS BETWEEN 1 PERCENT AND 5 PERCENT.
- AVOID REMOVING TREES AND SHRUBS IF POSSIBLE - WORK AROUND THEM.
- ENSURE THE STRUCTURES ARE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT COULD IMPEDE WATER FLOW.
- BUILD THE DRAINS WITH CIRCULAR, PARABOLIC OR TRAPEZOIDAL CROSS SECTIONS, NOT V SHAPED.
- ENSURE THE BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
- COMPLETE PERMANENT OR TEMPORARY STABILISATION WITHIN 10 DAYS OF CONSTRUCTION.

DIVERSION BANK (LOW FLOW)

NOT TO SCALE

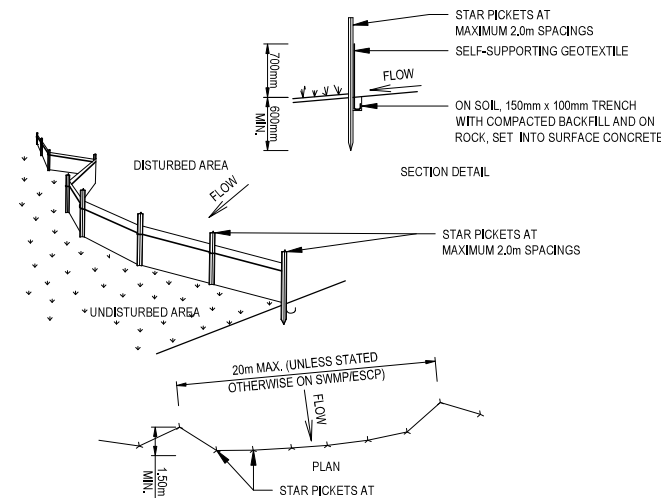


CONSTRUCTION NOTES

- STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
- COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
- CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
- ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3m WIDE.
- WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE

TEMPORARY CONSTRUCTION ENTRY/EXIT

NOT TO SCALE



CONSTRUCTION NOTES

- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50L/s IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
- CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- DRIVE 15mm LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
- FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
- JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
- BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE

NOT TO SCALE

0 0.2 0.4 0.6 0.8 1.0
SCALE 1:20
scales quoted apply to original drawing scale

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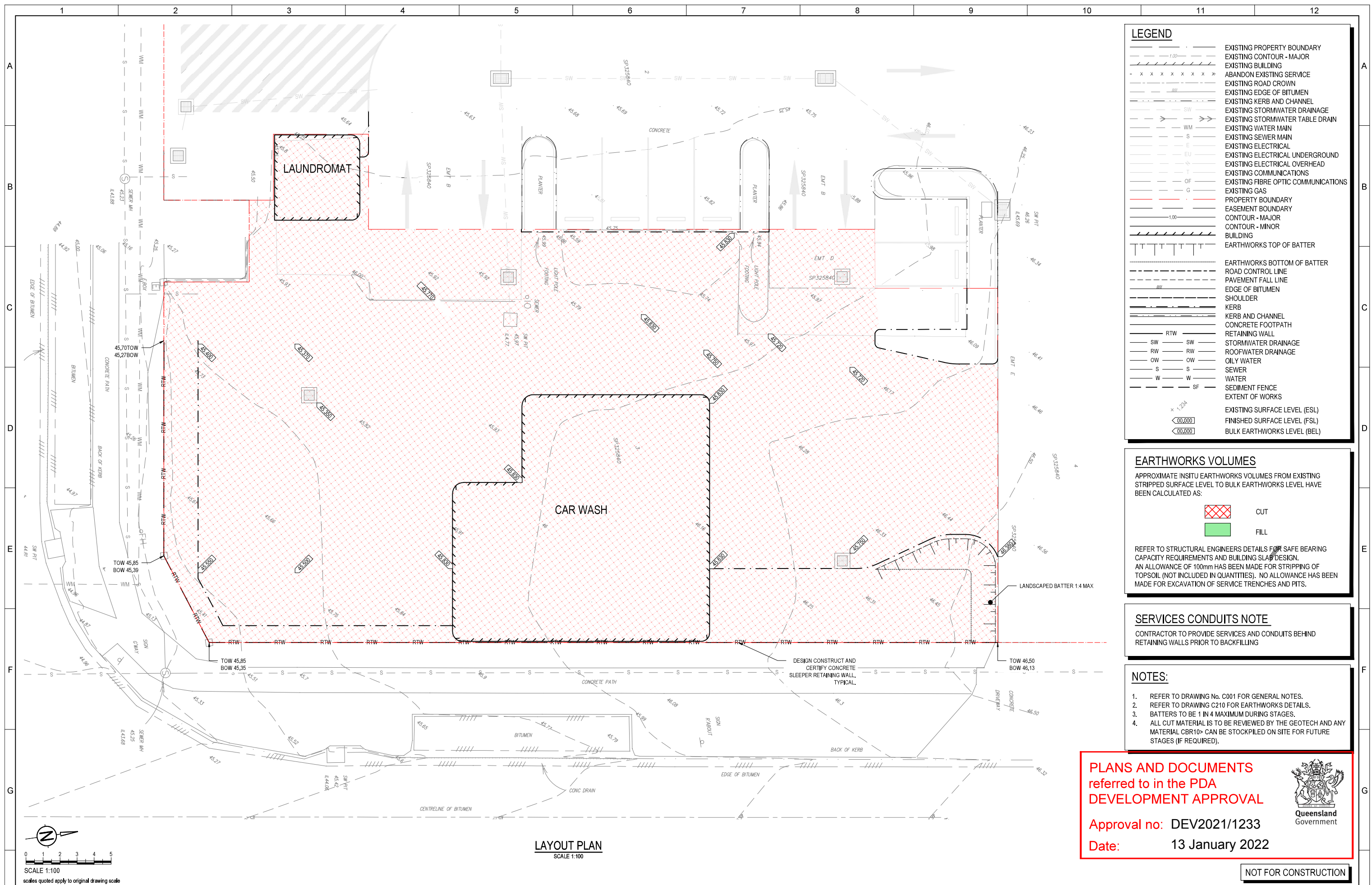
TONY STAVRIANOS

infintec
GROUND FLOOR, 230 LUTWYCHE ROAD, WINDSOR QLD 4030
P: 07 3857 8577 www.infintec.com.au

Drawn GP
Checked PC
Signed
RPEQ

Project LOT 3 GATES ROAD, FLAGSTONE QLD 4280
Title EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

Drawing Number 21564-C110
Scale AS INDICATED
Rev A



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2021/1233
Date: 13 January 2022



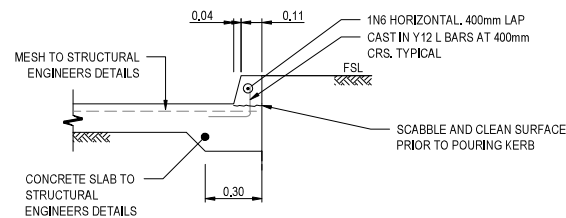
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21564-C200

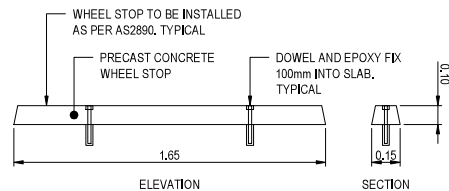
Scale	Rev
AS INDICATED	B

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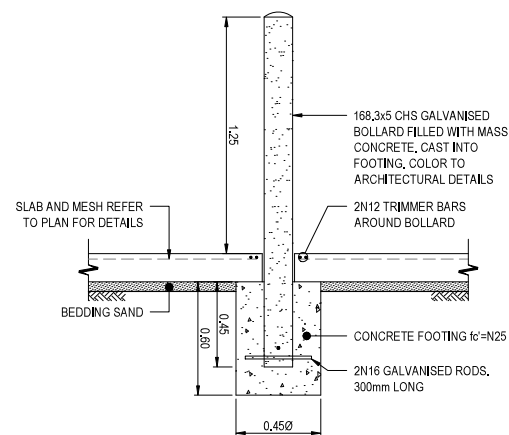
				© 2018 INFINITEC SOLUTIONS Pty. Ltd. This design and drawing remain the property of Infinitec Solutions Pty. Ltd. and is not to be reproduced either in whole or in part without the written permission of Infinitec Solutions Pty. Ltd.		Client TONY STAVRIANOS	 GROUND FLOOR, 230 LUTWYCHE ROAD, WINDSOR QLD 4030 P: 07 3857 8577 www.infinitec.com.au	Drawn	GP	Project LOT 3 GATES ROAD, FLAGSTONE QLD 4280	Drawing Number 21564-C200	H	
B	GENERAL AMENDMENTS		LW	12.11.21	all horizontal information is to all vertical information is to AMG AHD			Checked	PC				Title EARTHWORKS LAYOUT PLAN
A	ORIGINAL ISSUE		LW	21.10.21				Signed					
Rev	Description			Date				DO NOT SCALE FROM DRAWING	RPEQ				
1		2		3				4	5	6	7	8	



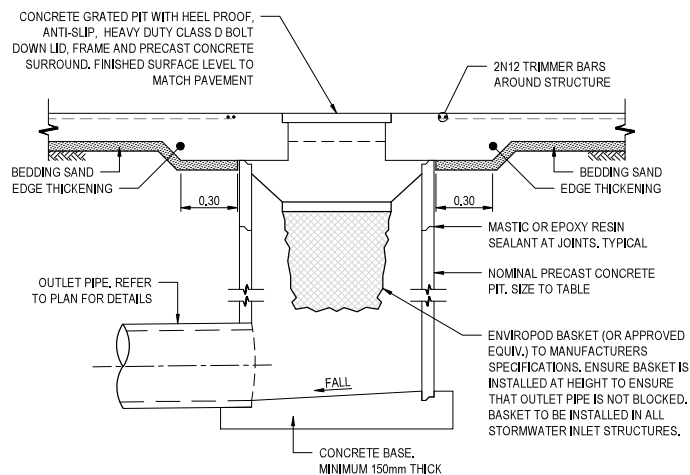
150mm BARRIER KERB DETAIL
SCALE 1:20



TYPICAL WHEEL STOP DETAIL
SCALE 1:20



TYPICAL 150Ø BOLLARD
SCALE 1:20



TYPICAL GRATED PIT (G.PIT) DETAIL
SCALE 1:20

STORMWATER PIT SIZE TABLE				
MINIMUM DEPTH	MAXIMUM DEPTH	OPTION 1	OPTION 2	MINIMUM GRATE SIZE
0	1200	600x900	1050Ø	600SQ
1200	2000	900SQ	1200Ø	800SQ
MINIMUM PIT SIZE BASED ON DEPTH. SIZE TO BE INCREASED TO ALLOW FOR INLET AND OUTLET PIPES TO MANUFACTURERS SPECIFICATION. ALL STRUCTURES WITHIN FOOTPATHS OR PEDESTRIAN AREAS ARE TO BE HEEL PROOF, NON-SLIP AND BOLT DOWN.				

0 0.2 0.4 0.6 0.8 1.0
SCALE 1:20
scales quoted apply to original drawing scale

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

Approval no: DEV2021/1233
Date: 13 January 2022



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Client
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Drawn GP
Checked PC
Signed
RPEQ

Project LOT 3 GATES ROAD, FLAGSTONE QLD 4280
Title **CIVIL DETAILS**

Drawing Number
21564-C400
Scale AS INDICATED
Rev **B**

