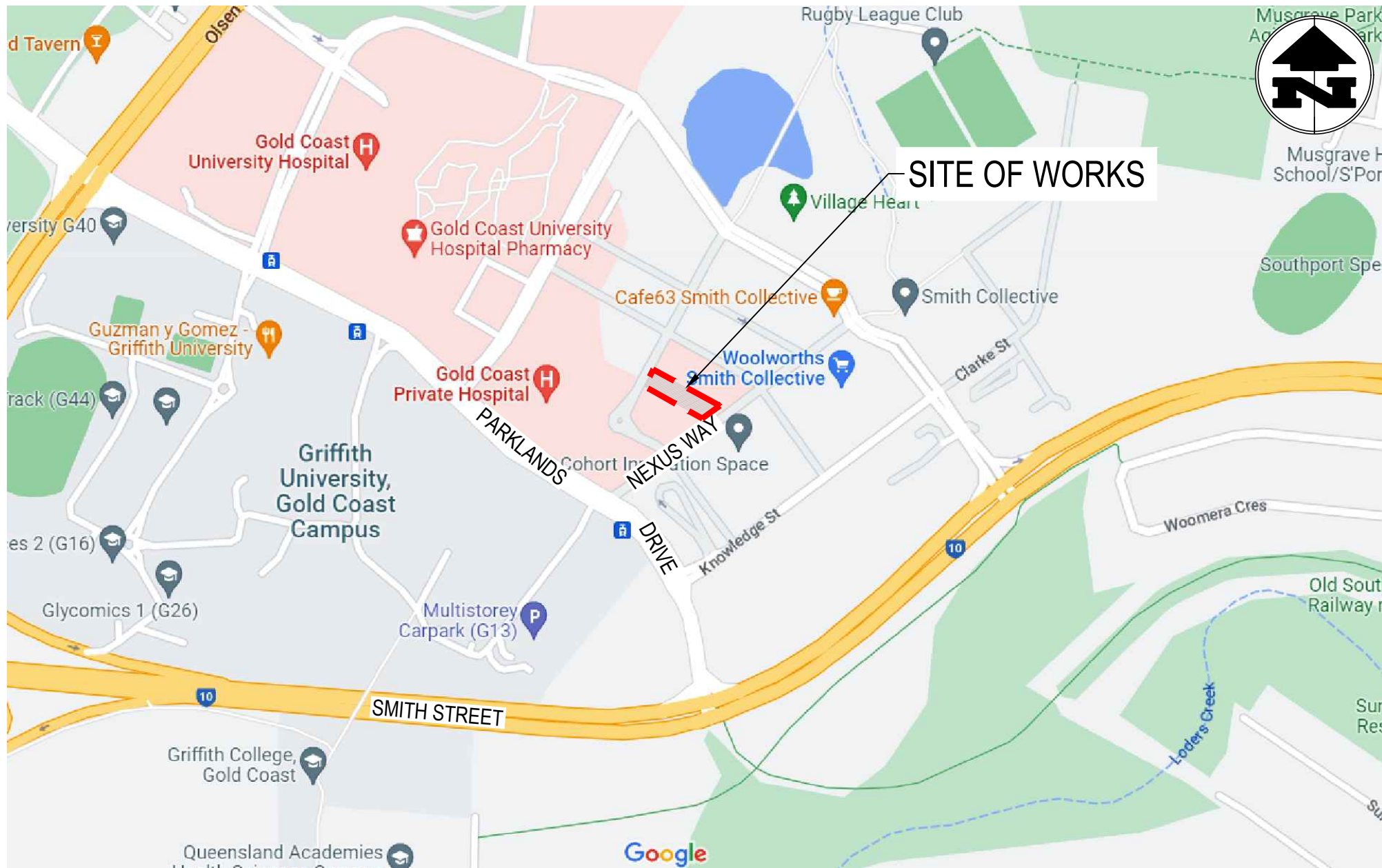


LUMINA OPEN SPACE - EARLY WORKS

NEXUS WAY, SOUTHPORT

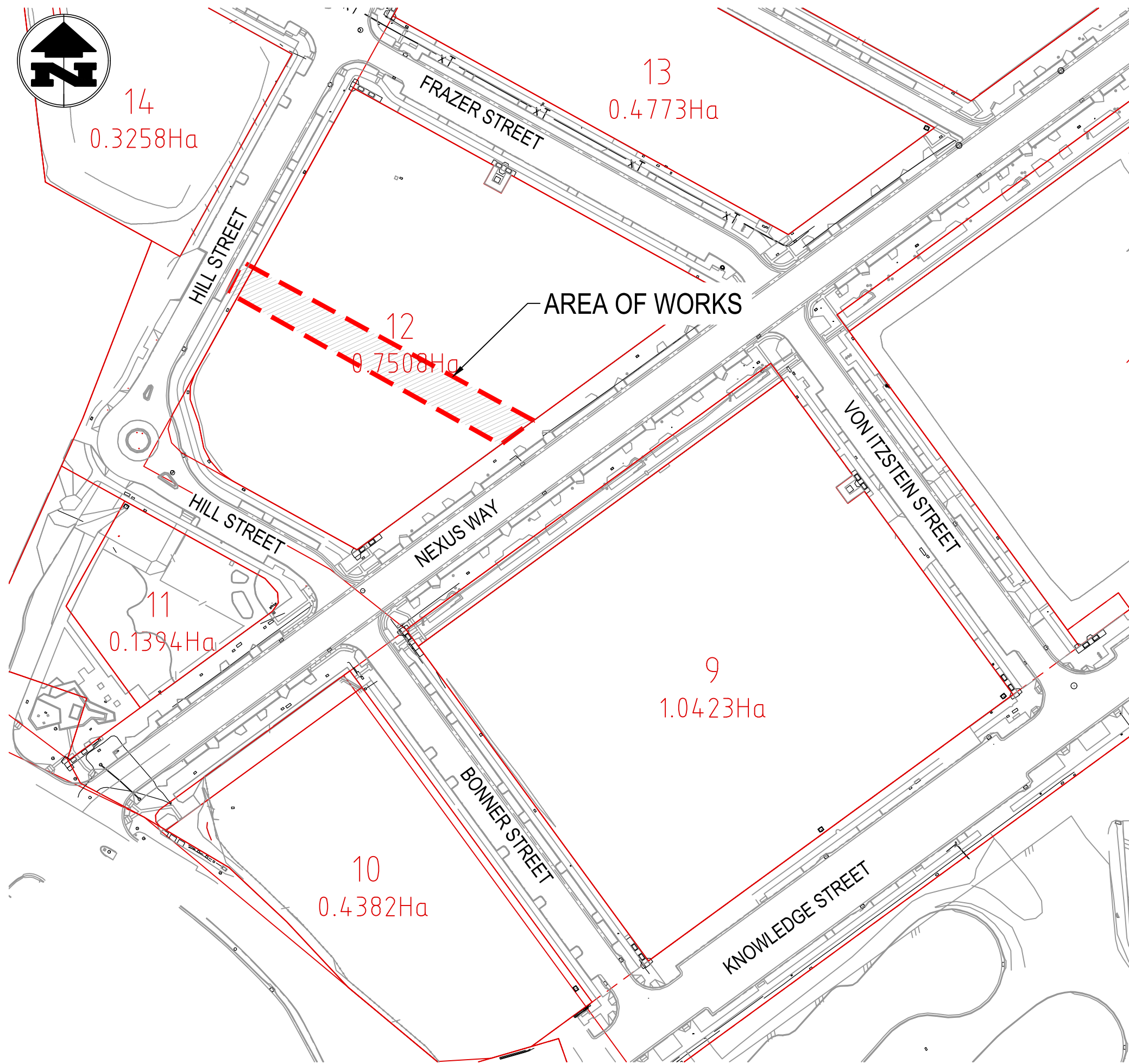
CIVIL WORKS PACKAGE



LOCALITY PLAN
NOT TO SCALE

PROJECT SPECIFICATIONS - AUS-SPEC TO BE PROVIDED AT CONSTRUCTION DOCUMENTATION STAGE	
SPECIFICATION NUMBER	SPECIFICATION TITLE
0222	EARTHWORKS
0274b	CONCRETE PAVEMENT
0319	MINOR CONCRETE WORKS
1101	CONTROL OF TRAFFIC
1102	CONTROL OF EROSION AND SEDIMENTATION
1111	CLEARING AND GRUBBING
1172	SUBSOIL AND FOUNDATION DRAINS
1351	STORMWATER DRAINAGE (CONSTRUCTION)
1352	PIPE DRAINAGE
1354	DRAINAGE STRUCTURES

ADDITIONAL DESIGN AND/OR CERTIFICATION REQUIRED TO BE OBTAINED BY THE CONTRACTOR TO BE PROVIDED AT CONSTRUCTION DOCUMENTATION STAGE	
ELEMENT	SPECIFICATION TITLE
GROUNDWORK	LEVEL 1 SUPERVISION AS SPECIFIED UNDER THE GROUND WORKS NOTES ON C010
TREE TRENCHES	TREE TRENCHES TO BE DESIGNED AND CONSTRUCTED BY RELEVANT CERTIFIED CONTRACTOR
CONTRACTOR IS TO PROVIDE WORK METHODOLOGY STATEMENT AND RPEQ CERTIFIED CALCULATIONS FOR REVIEW PRIOR TO WORKS COMMENCING	



SITE PLAN
SCALE 1:1000

PROJECT DRAWINGS	
SHEET NUMBER	SHEET TITLE
C-0000	COVER SHEET AND DRAWING INDEX
C-0010	PROJECT NOTES - SHEET 1 OF 2
C-0011	PROJECT NOTES - SHEET 2 OF 2
C-0200	BULK EARTHWORKS PLAN
C-0300	SITE WORKS PLAN

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2024/1544

Date: 09/09/2025



Queensland
Government

ADDITIONAL DOCUMENT SHEET LIST TABLE			
SHEET NUMBER	SHEET TITLE	SHEET TYPE	PREPARED BY
20210216 Lumina As-Constructed		AS CONSTRUCTED SURVEY	CARDNO
1-24131	GEOTECHNICAL INVESTIGATION	REPORT	SOIL SURVEYS

RP DESCRIPTION

LOT 12 SP275512, LOT 9 SP275512
L.G.A OF GOLD COAST
COUNTY OF WARD
SITE AREA ≈ 680m²

NOTE

- THIS DRAWING TO BE READ IN CONJUNCTION WITH PROJECT NOTES ON C-0010, C-0011 AND DOCUMENTS AND STANDARD DRAWINGS AS SHOWN ON C-0000
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS

SCALE 1:1000 0 10 20 30 40m

BLIGH TANNER BRISBANE SYDNEY blightanner@blightanner.com.au blightanner.com.au	REV	DATE	DESCRIPTION	DESIGN	DRAWN	APPROVED	 Queensland Government	ARCHITECT Hassell	SCALES	DRAWN BY J MARTIN	PROJECT LUMINA OPEN SPACE - EARLY WORKS			
	C1	10/06/2025	EARLY WORKS IFC	JAM	JAM	MM			LOCATION NEXUS WAY, SOUTHPORT					
									DRAWING TITLE COVER SHEET AND DRAWING INDEX					
									PRINTING REQUIREMENTS PRINT THIS DRAWING IN COLOUR	PROJECT NUMBER 2022.0021	DRAWING NUMBER C-0000	REVISION C1		
									STATUS	SIGNED M MARTIN RPEQ 13428 				
									FOR CONSTRUCTION					

PROJECT NOTES

GENERAL

1. ALL WORKS AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT LOCAL AUTHORITY POLICIES, SPECIFICATIONS AND STANDARD DRAWINGS, OR IF THESE DO NOT APPLY THEN THE INSTITUTE OF MUNICIPAL ENGINEERS OF QUEENSLAND STANDARD DRAWINGS AND AUSTRALIAN STANDARDS;
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT NEARBY PROPERTY OWNERS FROM DUST POLLUTION DURING ALL PHASES OF WORKS CONSTRUCTION. FINISHED AREAS OF EARTHWORKS SHALL BE KEPT WATERED WHERE NECESSARY UNTIL A SATISFACTORY GRASS COVER IS ACHIEVED.
3. ALL CONSTRUCTION WORKS ARE TO BE JOINED NEATLY TO EXISTING WORKS.
4. PUBLIC UTILITIES - NOT WITHSTANDING THAT THE POSITIONS OF PUBLIC UTILITIES, FITTINGS, PIPES, POLES, MANHOLES ETC MAY BE INDICATED ON THE DRAWINGS, NO RESPONSIBILITY WILL BE ACCEPTED BY THE PRINCIPAL FOR THE ACCURACY OF THE REPRESENTATION OR THE OMISSION THEREOF.
5. LOCATION AND LEVEL OF EXISTING SERVICES AND STRUCTURES HAS BEEN PLOTTED FROM AVAILABLE RECORDS AND IS INDICATIVE ONLY. THE CONTRACTOR SHALL ACCURATELY LOCATE THESE ON SITE PRIOR TO COMMENCING WORKS AND SHALL PROTECT ALL EXISTING SERVICES DURING CONSTRUCTION. ANY DAMAGE TO EXISTING SERVICES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
6. VEGETATION OUTSIDE WORK AREAS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY AUTHORISED BY THE SUPERINTENDENT.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE STABILITY OF ANY TEMPORARY WORKS ON THE SITE.
8. THE CONTRACTOR SHALL CONFIRM THE CURRENCY OF THE SET OUT & LEVELS WITH THE SUPERINTENDENT PRIOR TO COMMENCING CONSTRUCTION.
9. THIS DESIGN HAS BEEN BASED ON AS-CONSTRUCTED SURVEY PROVIDED TO BLIGH TANNER ON 21-03-2023 FILE NAME 20210216 Lumina As-Constructed . LEVEL DATUM IS mAHD AND THE CO-ORDINATE DATUM IS GDA Z56.
10. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE LOCAL AUTHORITY SPECIFICATIONS AND THE PROJECT SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY. REFER TO THE SUPERINTENDENT FOR CLARIFICATION.
11. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH DRAWINGS PREPARED BY OTHER RELATED CONSULTANTS, ALL PROJECT SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE WORK. ANY DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
12. PROPRIETARY PRODUCTS ARE SPECIFIED ON THESE DRAWINGS BASED ON THE MANUFACTURERS/ SUPPLIERS DOCUMENTED PERFORMANCE CHARACTERISTICS AND SPECIFICATIONS. ALL SUCH PRODUCTS ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS/ SUPPLIERS RECOMMENDATIONS.
13. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE AS INDICATED ON BLIGH TANNER DRAWINGS AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND/OR FABRICATION IS COMMENCED. THE ENGINEERS DRAWINGS SHALL NOT BE SCALED, UNLESS SPECIFICALLY NOTED OTHERWISE.
14. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPOSED AND EXISTING WORKS IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVER STRESSED UNDER CONSTRUCTION ACTIVITIES.
15. THE APPROVAL FOR A SUBSTITUTION SHALL BE SOUGHT FROM THE SUPERINTENDENT BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATION MUST BE APPROVED BY THE SUPERINTENDENT BEFORE WORK COMMENCES.
16. THE ACCESS FOR THE WORK SITE SHALL BE AS INDICATED ON THE CONTRACT OR AS APPROVED BY THE SUPERINTENDENT AND THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AND RELEVANT PERMITS. IT IS THE CONTRACTORS RESPONSIBILITY TO CONSTRUCT AND MAINTAIN ACCESS AS THEY REQUIRE TO ALL PARTS OF CONTRACTORS WORK AREA.
17. THE CONTRACTORS COMPOUND SHALL BE LOCATED AS APPROVED BY SUPERINTENDENT.
18. ALL WORKS SHALL BE IN ACCORDANCE WITH THE PROJECT ENVIRONMENTAL MANAGEMENT PLAN.
19. FIRE ANT CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST HAVE APPROPRIATE DPI/DNR CERTIFICATION TO DEAL WITH FIRE ANTS.
20. CONTRACTOR SHALL UNDERTAKE ALL WORKS IN PROXIMITY TO EXISTING SERVICES AND INFRASTRUCTURE IN ACCORDANCE WITH THE RELEVANT UTILITY/AUTHORITY POLICIES AND PROCEDURES
21. EXISTING CHAMBERS
- 21.1. CONTRACTOR TO ALLOW FOR RESETTling COVERS AND LIDS TO SUIT NEW DESIGN LEVELS.
- 21.2. WHERE EXISTING PITS ARE NOW LOCATED WITHIN TRAFFICABLE AREAS CONTRACTOR TO ALLOW FOR REPLACING EXISTING PIT AND COVER WITH CLASS 'D'
22. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ANY RELEVANT COUNCIL APPROVALS OR WORK PERMITS RELATING TO THE WORKS DOCUMENTED IN THESE DRAWINGS HAVE BEEN OBTAINED PRIOR TO COMMENCING THE RELATED WORKS
23. WHERE WORKS ARE TO BE ADOPTED BY A LOCAL AUTHORITY / ADOPTING AUTHORITY, ALL WORKS ARE TO BE COMPLETED TO THEIR SATISFACTION AND ACCEPTED ON MAINTENANCE PRIOR TO PRACTICAL COMPLETION BEING ISSUED.
23. WHEN DESIGN ELEMENTS ARE AT MAXIMUM/MINIMUM GRADES OR COVER, THE CONSTRUCTION TOLERANCES AT THESE LOCATIONS SHALL BE CAREFULLY MANAGED AND SHALL BE SUCH THAT THE DESIGN LIMITS ARE NOT EXCEEDED. THIS MAY REQUIRE TIGHTER CONSTRUCTION TOLERANCES THAN IDENTIFIED BY THE SPECIFICATION IN THESE SPECIFIC LOCATIONS.

GROUNDWORKS

1. THE GEOTECHNICAL REPORT FOR THE PROJECT REFERRED TO IN THE NOTES IS THE GEOTECHNICAL INVESTIGATION REPORT BY SOIL SURVEYS, DATED AUGUST 2021 - PROJECT NO. 1-24131.
2. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3798 AND SUPERVISION TO LEVEL 1 SHALL BE SUPPLIED BY THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A

- QUALIFIED GEOTECHNICAL ENGINEER WHO IS A REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND WITH A MINIMUM \$5 MILLION PROFESSIONAL INDEMNITY INSURANCE. TO UNDERTAKE LEVEL 1 SUPERVISION OF EARTHWORKS AND WHOSE CERTIFICATION IN WRITING SHALL INCLUDE THE FOLLOWING:
- 2.1. ENGINEERING CERTIFICATION THAT ALL EARTHWORKS OPERATIONS (INCLUDING STRIPPING, PROOF ROLLING OF SUBGRADE, SUBGRADE TREATMENT, BACKFILL TO RETAINING WALLS AND TRENCHES ETC) HAVE BEEN CARRIED OUT IN ACCORDANCE WITH EARTHWORKS SPECIFICATION.
- 2.2. ENGINEERING CERTIFICATION THAT FILL HAS BEEN PLACED AND COMPACTED TO THE REQUIRED MINIMUM DENSITY IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION
- 2.3. ENGINEERING CERTIFICATION THAT ANY AREAS OF CUT HAVE BEEN COMPACTED TO THE REQUIRED MINIMUM DENSITY IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION.
- 2.4. IF REQUIRED, ENGINEERING CERTIFICATION THAT THE CONTROLLED FILL MATERIAL IS SUITABLE TO SUPPORT A CONVENTIONAL SLAB ON GROUND FLOOR OR PAVEMENT SYSTEM.
- 2.5. ENGINEERING CERTIFICATION THAT THE QUALITY OF ANY IMPORTED FILL COMPLIES WITH THE EARTHWORKS SPECIFICATION REQUIREMENTS
- 2.6. ENGINEERING CERTIFICATION THAT THE AREAS OF CUT HAVE BEEN SUBJECT TO PROOF ROLL AND COMPACTED UNDER GEOTECHNICAL SUPERVISION TO THE SAME STANDARDS AS FILL AREAS
- 2.7. ENGINEERING CERTIFICATION OF ALL BACKFILL OF TRENCHES AND RETAINING WALLS THAT IMPACT ZONE OF INFLUENCE TO ANY STRUCTURE, ROAD, SERVICE OR INFRASTRUCTURE
- 2.8. UNLESS NOTED OTHERWISE, WHERE BUILDING STRUCTURES ARE DOCUMENTED, ENGINEERING CERTIFICATION IS TO BE PROVIDED THAT;
- 2.8.1. THE BUILDING PLATFORM HAS A CLASS 'M' CLASSIFICATION IN ACCORDANCE WITH AS 2870
- 2.8.2. ALL THE CONTROLLED FILL IS SUITABLE FOR SUPPORT OF CONVENTIONAL HIGH LEVEL FOOTINGS AND HAS A MINIMUM BEARING CAPACITY OF 100KPA
3. THE CONTRACTOR SHALL EMPLOY A QUALIFIED GEOTECHNICAL ENGINEER WHO IS A REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND WITH A MINIMUM \$5 MILLION PROFESSIONAL INDEMNITY INSURANCE, TO UNDERTAKE FULL TIME GEOTECHNICAL SUPERVISION FOR DURATION OF EARTHWORKS, WHO SHALL PROVIDE REGULAR SITE REPORTS DETAILING;
- 3.2. THAT THE STABILITY OF ALL TEMPORARY AND PERMANENT CUT/FILL BATTERS AND TRENCHES IS ADEQUATE
- 3.3. THAT CONTRACTORS HAUL ROUTES AND TEMPORARY WORKS DO NOT COMPROMISE THE STABILITY OF ANY TEMPORARY OR PERMANENT SLOPES, BUILDINGS OR SITE FEATURES.
4. NOT WITHSTANDING THE REQUIREMENT FOR THE BUILDER TO OBTAIN GEOTECHNICAL CERTIFICATION, THE BUILDER IS TO ADVISE THE SUPERINTENDENT AND SEEK APPROVAL BEFORE PROCEEDING WITH ANY EARTHWORKS OR PAVEMENT CONSTRUCTION THAT IS LIKELY TO GIVE RISE TO A VARIATION CLAIM
5. UNLESS DIRECTED OTHERWISE IN THE GEOTECHNICAL REPORT FOR THE PROJECT, BY THE GEOTECHNICAL ENGINEER ON SITE OR BY THE RELEVANT LOCAL AUTHORITY SPECIFICATION (FOR WORKS SUBJECT TO APPROVAL/ADOPTION BY THE LOCAL AUTHORITY) FILLING SHALL BE COMPACTED IN ACCORDANCE WITH TABLE 5.1 OF AS3798. ABSOLUTE MINIMUM DENSITY RATIOS ARE THE FOLLOWING:
- 5.1. RESIDENTIAL LOT FILL - 95% STD;
- 5.2. COMMERCIAL FILL (FOR MINOR LOADS) - 98% STD;
- 5.3. SUBGRADE (EXCEEDING 300MM BELOW PAVEMENT) - 95% STD;
- 5.4. SUBGRADE (WITHIN 300MM OF PAVEMENT) - 98% STD;
6. IMPORTED GENERAL FILL MATERIAL (IF REQUIRED) SHOULD BE
- 6.1. COHESIVE AND NON-DISPERSIVE IN NATURE AND BE A GOOD QUALITY
- 6.2. LOW PLASTICITY
- 6.2.1. LIQUID LIMIT OF LESS THAN 45%;
- 6.2.2. PLASTICITY INDEX OF LESS THAN 15%;
- 6.2.3. SHRINK/SWELL INDEX OF LESS THAN 1.0%
- 6.3. SOAKED CBR >10%;
- 6.4. MAXIMUM PARTICLE SIZE OF 75MM WITH AT LEAST 80% PASSING THE 19MM SIEVE.
- 6.5. QUALITY TESTING TO CONFIRM IMPORTED FILL QUALITY SHOULD BE CARRIED OUT PRIOR TO DELIVERY TO SITE
7. PRIOR TO COMMENCING EARTHWORKS THE CONTRACTOR SHALL SUBMIT A SAMPLE OF PROPOSED FILLING MATERIAL (FROM CUTTINGS OR IMPORTED) WITH ALL TEST RESULTS FOR ALL SPECIFIED MATERIAL PROPERTIES PER THE SPECIFICATION.
8. UNLESS DIRECTED OTHERWISE IN THE GEOTECHNICAL REPORT FOR THE PROJECT, OR BY THE GEOTECHNICAL ENGINEER ON SITE, FILLING AND SUBGRADE AREAS SHALL BE COMPACTED IN MAXIMUM LIFTS OF 300MM LOOSE THICKNESS;
9. TOPSOIL AND OTHER ORGANIC MATTER ARE TO BE STRIPPED FROM GROUNDWORK AREAS PRIOR TO COMMENCING GROUNDWORKS AND SHALL BE STOCKPILED ON SITE. EARTH STOCKPILES SHALL BE SUITABLY PROTECTED FROM EROSION AND WEED INFESTATION BY COVERING WITH WEED MAT OR OTHER MEANS. RE-SPREAD TOPSOIL TO FINISHED SURFACE LEVELS AND VEGETATE TO SPECIFICATION PRIOR COMPLETION. EXCESS TOPSOIL TO BE REMOVED FROM SITE.
10. UNLESS DIRECTED OTHERWISE IN THE GEOTECHNICAL REPORT FOR THE PROJECT, OR BY THE GEOTECHNICAL ENGINEER ON SITE, MAXIMUM BATTER SLOPES TO ANY CUTTING OR FILLING TO BE 1V TO 4H FOR GRASSED SLOPES OR 1V TO 2H FOR LANDSCAPED SLOPES.
11. UNLESS DIRECTED OTHERWISE IN THE GEOTECHNICAL REPORT FOR THE PROJECT, OR BY THE GEOTECHNICAL ENGINEER ON SITE, SLOPING GROUND, EXISTING DRAINAGE CHANNELS, ETC. SHOULD BE BENCHMARKED TO "KEY IN" FILL MATERIAL/SURFACE TREATMENTS (e.g TOPSOIL) AND OPTIMISE COMPACTION. THE BENCHES SHOULD SLOPE BACK AT 1V:10H AND BE AT LEAST 0.5M WIDE. WIDER BENCHES TO ACCOMMODATE THE WIDTH OF THE ROLLER MAY NEED TO BE ADOPTED IN SOME SITUATIONS
12. CONTRACTOR SHALL MAKE DUE ALLOWANCE FOR ADDRESSING SITE TRAFFICABILITY IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FOR THE SITE, CONSIDERING WEATHER CONDITIONS LIKELY TO PREVAIL DURING THE EARTHWORKS PERIOD.
13. TRENCHING SHALL BE EXCAVATED TO SOUND MATERIAL AND BACKFILLED AND COMPACTED TO SPECIFICATION.

14. WHERE SHORING BOXES ARE USED FOR TRENCHING, THEY MUST EXTEND TO THE BASE OF THE TRENCH TO AVOID COLLAPSES OCCURRING BELOW THE BENCH. THERE MAY BE CONDITIONS WHERE A SHORING BOX CAN TERMINATE ABOVE THE BASE OF THE EXCAVATION SUCH AS WHERE COMPETENT ROCK IS ENCOUNTERED, BUT THE PARTICULAR CASE IS TO BE ASSESSED AND CERTIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER.
- 14.1. THE CONTRACTOR SHALL ALLOW FOR ADDITIONAL BEDDING MATERIAL SO THAT FULL COVERAGE OF THE PIPE STILL OCCURS WHEN THE SHORING BOXES ARE REMOVED.
15. CONTRACTOR TO CONSIDER THE IMPLICATIONS OF DISTURBED GROUND CONDITIONS WHEN WORKING IN CLOSE PROXIMITY TO EXISTING SERVICES AND SHALL EMPLOY A SUITABLE METHODOLOGY TO ADDRESS TRENCH AND SERVICE STABILITY.
16. NON SUITABLE SITE WON MATERIAL (E.G. SILTY SANDS, REACTIVE, DISPERSIBLE MATERIAL) ARE NOT TO BE USED WITHIN ENGINEERING FILL, UNLESS IT HAS BEEN ASSESSED AGAINST THE DESIGN'S DOCUMENTED IN THE CONTRACT DRAWINGS SPECIFICATIONS AND CERTIFIED AS SUITABLE FOR USE BY THE LEVEL 1 GEOTECHNICAL ENGINEER.
17. WHERE INVESTIGATIVE EXCAVATIONS HAVE BEEN CARRIED OUT ON THE SITE (E.G TRIAL PITS) CONTRACTOR IS TO EXCAVATE ANY DISTURBED MATERIAL AND BACKFILL UNDER LEVEL 1 SUPERVISION.
18. DEPRESSIONS FORMED BY THE REMOVAL OF VEGETATION, UNDERGROUND ELEMENTS ETC SHOULD HAVE ALL DISTURBED WEAKENED SOIL CLEANED OUT AND BE BACKFILLED WITH COMPACTED SELECT MATERIAL

EROSION & SEDIMENT CONTROL

1. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL PREPARE AN EROSION AND SEDIMENT CONTROL PLAN AND DESIGN CERTIFICATES, CERTIFIED BY AN APPROPRIATELY QUALIFIED RPEQ/CPESC IN ACCORDANCE WITH THE REGULATORY/COUNCIL REQUIREMENTS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR SITE, WEATHER CONDITIONS AND WATER QUALITY LEAVING THE SITE AND TO IMPLEMENT APPROPRIATE MEASURES TO COMPLY WITH THE STATUTORY REQUIREMENTS AT ALL TIMES DURING CONSTRUCTION.
3. THE CONTRACTOR IS TO MAINTAIN EROSION CONTROL MECHANISMS IN WORKING ORDER AT ALL TIMES DURING CONSTRUCTION;
4. SEDIMENT LOSS FROM THE WORK SITE SHALL BE MANAGED IN ACCORDANCE WITH CURRENT RELEVANT ENVIRONMENTAL GUIDELINES AND LEGISLATION. THIS WILL NECESSITATE THE USE OF APPROPRIATE EROSION AND SEDIMENT CONTROLS. THESE SHALL BE IMPLEMENTED AT THE SITE ESTABLISHMENT PHASE AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
5. PRE-DISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED;
6. ALL VEHICLES EXITING FROM THE SITE ARE TO BE WASHED DOWN, CLEANED AND TREATED SO AS TO PREVENT MATERIAL BEING TRACKED OR DEPOSITED ON PUBLIC ROADS. INSTALL MEASURES FOR CONTROL OF WASH DOWN.
7. ALL DISTURBED AREAS SHALL BE LEFT IN A STABLE CONDITION. BATTERS STEEPER THAN 1V:4H SHALL BE TOPSOILED AND MULCHED, AND BATTERS FLATTER THAN 1V:4H SHALL BE TOPSOILED AND GRASS SEEDED OR HYDROMULCHED;
8. ALL VEHICLE MOVEMENTS TO BE RESTRICTED TO BUILDING WORKS AREA ONLY, UNLESS APPROVED OTHERWISE BY THE SUPERINTENDENT.
9. ALL VEGETATION WITHIN 4M OF GENERAL MACHINE OPERATION SHALL BE PROTECTED WITH A STAR PICKET AND ROPE FENCE CONSTRUCTED AT LEAST 1M CLEAR OF THE VEGETATION;
10. PROGRESSIVELY CLEAN UP ALL LITTER AND OIL LEAKS, AND PREVENT WASH OFF OF CEMENT SLURRY AND AC PRIME
11. ALL DOWN PIPES TO BE INSTALLED IMMEDIATELY FOLLOWING ROOF CONSTRUCTION ENSURE DOWN PIPES DISCHARGE CLEAR OF CONSTRUCTION AREA WITH APPROPRIATE TREATMENT TO PREVENT EROSION AT THE OUTLET.
12. SUITABLE DUST CONTROL MEASURES TO BE IMPLEMENTED AT ALL TIMES.
13. ALL SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE FORMED FROM/IN NON-ERODABLE MATERIALS.
14. THE CONTRACTOR SHALL ADVISE THE SUPERINTENDENT ONCE THE ESC MEASURES HAVE BEEN INSTALLED.
15. EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL GRASS/TURF/PLANTING HAS ESTABLISHED OVER AT LEAST 80% OF THE PLANTED /GRASSED AREAS

TESTING AND INSPECTIONS

1. TESTING SHALL BE COMPLETED IN ACCORDANCE WITH AUSTRALIAN STANDARDS, AND TO THE SATISFACTION OF THE SUPERINTENDENT AND RELEVANT CONTROLLING AUTHORITY.
2. ALL WORKS ON COUNCIL OR TMR CONTROLLED ROADS MUST FULLY COMPLY WITH THEIR RESPECTIVE TESTING SPECIFICATION REQUIREMENTS
3. U.N.O POTHOLING OF EXISTING SERVICES IS TO BE AT THE PROPOSED LOCATION OF POSSIBLE DESIGN CONFLICT TO A MINIMUM 300mm BELOW DESIGN LEVEL. LOCATION AND LEVELS TO TOP AND BOTTOM OF EXISTING SERVICES ARE TO BE SURVEYED BY LICENSED SURVEYOR AND PROVIDED IN 3D DWG FORMAT TO THE SUPERINTENDENT.
4. ROADWORKS TESTING SHALL BE UNDERTAKEN AS SPECIFIED AND AT LEAST AS FOLLOWS:
- 4.1. EARTHWORKS INCLUDING TRENCH WORKS SHALL BE TESTED IN ACCORDANCE AS3798
- 4.2. SUBGRADE TO ROADWORKS AND BUILDING PLATFORMS REQUIRE 1 DENSITY TEST (BY SAND CONE) AND PLASTICITY TEST PER 500SQM.
- 4.3. PAVEMENT MATERIALS REQUIRE 1 DENSITY TEST (BY SAND CONE) PER 1000SQM, AND SUBMISSION TO THE ENGINEER OF THE PAVEMENT MATERIAL SUPPLIERS SAMPLE TESTING RESULTS FOR GRADING, PLASTICITY AND SOAKED CBR. OTHER MATERIAL PROPERTIES MAY BE SPECIFIED FOR TESTING BY THE SUPERINTENDENT AT THEIR DISCRETION;
- 4.4. PAVEMENT SEALING BY ASPHALT SHALL BE CORE TESTED AND MARSHALL PROPERTIES, GRADING, STABILITY AND DENSITY TESTED. PAVEMENT SEALING BY SPRAY SEAL. REQUIRES SUBMISSION OF SUPPLIERS SAMPLE TESTING RESULTS INCLUDING SOLUBLE SULPHATE TESTS;
5. CONCRETE SHALL BE TESTED IN ACCORDANCE AS3600.;

6. SUBMISSION OF SAMPLE TEST RESULTS FROM SUPPLIERS FOR OTHER MATERIALS INCLUDING BEDDING GRAVEL'S, DRAINAGE GRAVEL'S, GEOFABRICS, CAST IRON WORKS, WATER SUPPLY FITTINGS, PRE CAST CONCRETE AND ALL PIPE SUPPLIES;

CBR - GROUND WORKS

7. CBR TESTING FREQUENCY IS AS FOLLOWS;
- 7.1. MINIMUM OF 3No. TESTS WHERE SUBGRADE IS UNIFORM MATERIAL THROUGHOUT, OR WHERE LESS THAN 3 DIFFERENT TYPES OF SOIL HORIZON ARE OBSERVED (SEE NOTE BELOW)
- 7.2. CBR TEST TO BE UNDERTAKEN ON EACH DIFFERENT SOIL HORIZON OBSERVED AT PAVEMENT FORMATION.
- 7.3. 1 No. CBR TEST PER 200m² OF PAVEMENT AREA SUBJECT TO NOTE 1 ABOVE

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1544

Date: 09/09/2025



CONTRACTOR RESPONSIBILITY

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEMONSTRATE COMPLIANCE WITH ALL REQUIREMENTS AS STIPULATED IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTATION

NOTES CONTINUED ON C-0011

BLIGH TANNER BRISBANE SYDNEY blightanner@blightanner.com.au blightanner.com.au	REV	DATE	DESCRIPTION	DESIGN	DRAWN	APPROVED	 Queensland Government	ARCHITECT	Hassell	SCALES	DRAWN BY J MARTIN	PROJECT LUMINA OPEN SPACE - EARLY WORKS			
	DESIGN BY J MARTIN	LOCATION NEXUS WAY, SOUTHPORT													
	CHECKED BY M MARTIN	DRAWING TITLE PROJECT NOTES - SHEET 1 OF 2													
	PRINTING REQUIREMENTS PRINT THIS DRAWING IN COLOUR														
	STATUS	FOR CONSTRUCTION	SIGNED M MARTIN  RPEQ 13428	PROJECT NUMBER 2022.0021	DRAWING NUMBER C-0010	REVISION C1									

1. AS CONSTRUCTED INFORMATION IS TO REFLECT THE ACTUAL CONSTRUCTION AND IS TO BE ENDORSED BY A LICENSED SURVEYOR - THE SURVEY POINTS AND LEVELS SHALL BE TAKEN AT LEAST THE SAME POINTS/LEVELS LOCATIONS SHOWN ON CONSTRUCTION DRAWINGS AND ANY OTHER RELEVANT POINTS TO ALLOW ASSESSMENT AGAINST THE PROPOSED DESIGN INTENT;
2. THE CONTRACTOR IS TO SUPPLY AN 'AS CONSTRUCTED' SURVEY PLAN IN 3D DWG AND PDF FORMAT AND IN ACCORDANCE WITH THE LOCAL COUNCIL AND/OR APPROVING AUTHORITY STANDARDS, DETAILING FOR THE FULL EXTENT OF WORKS, THE LOCATION AND LEVELS OF ALL CIVIL WORKS DETAILED IN THESE DRAWINGS, INCLUDING BUT NOT LIMITED TO STORMWATER, SEWER AND FINISHED SURFACE LEVELS.
3. "CCTV" CONDITION REPORTS ARE TO BE UNDERTAKEN;
 - 3.1. FOR EXISTING PIPES - PRIOR TO COMMENCING WORKS ON SITE
 - 3.2. FOR NEW STORMWATER AND SEWER WORKS;
 - 3.2.1. AT THE COMPLETION OF INSTALLATION OF ANY PIPES BUT PRIOR TO PAVEMENTS, LANDSCAPING OR STRUCTURES OVER.
 - 3.2.2. AT THE COMPLETION OF WORKS.

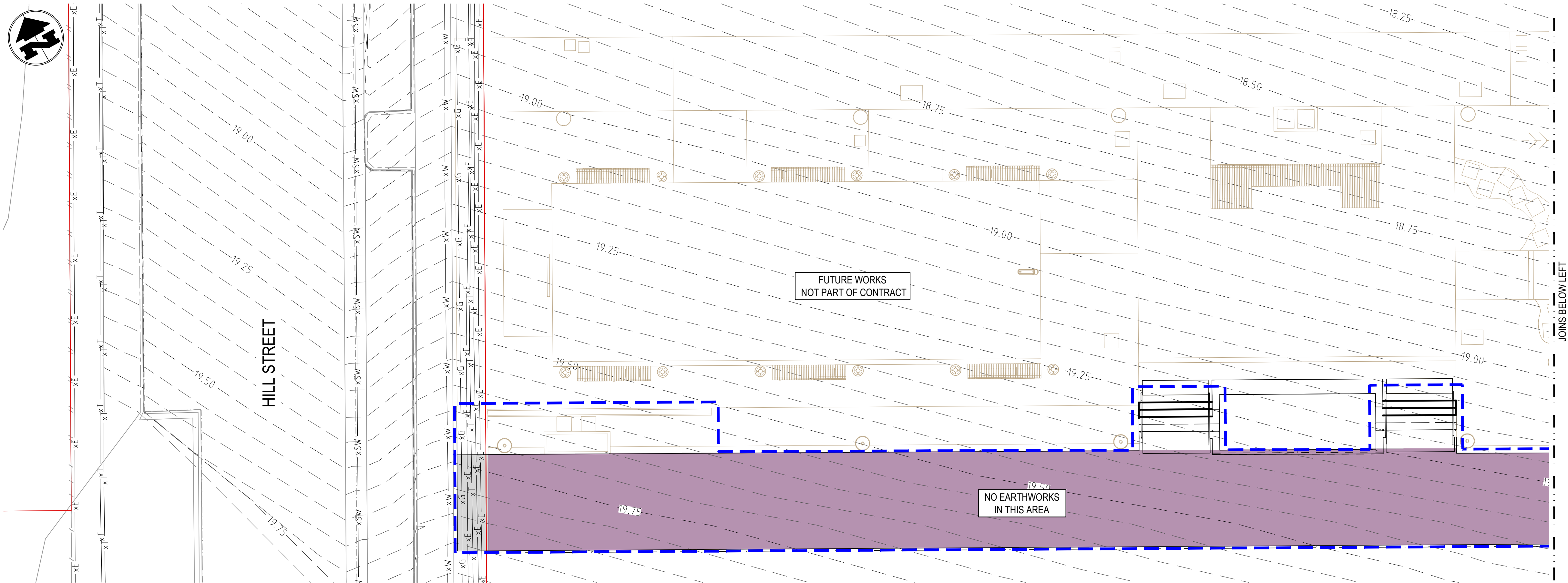
1. ALL CONCRETE WORK SHALL COMPLY WITH AS3600;
2. CONCRETE FINISHES SHALL BE IN ACCORDANCE ARCHITECTS SPECIFICATION UNLESS NOTED OTHERWISE;
3. CONCRETE SPECIFICATION
 - 3.1. SLUMP 80mm
 - 3.2. MAXIMUM AGGREGATE 20mm
 - 3.3. CEMENT TYPE "A" PORTLAND
4. ALL CONCRETE KERB SHALL BE GRADE S32;
5. ALL CONCRETE PAVEMENTS SHALL BE GRADE N32 UNLESS NOTED OTHERWISE;
6. U.N.O JOINTING OF CONCRETE PAVEMENTS TO BE IN ACCORDANCE WITH CEMENT AN CONCRETE GUIDE TO RESIDENTIAL STREETS AND PATHS
7. THE SUPERINTENDENT SHALL BE NOTIFIED PRIOR TO POURING OF ANY CONCRETE;
8. BASIC DRYING SHRINKAGE STRAIN MEASURED IN ACCORDANCE WITH AS 1012 - PT.13 SHALL NOT EXCEED 600 MICROSTRAIN AT 8 WEEKS.
9. MIN 40mm CLEAR COVER FOR REINFORCEMENT TO TOP, BOTTOM AND SIDES (INCLUDING FITMENTS)
 - 9.1. NOTE ADDITIONAL COVER WILL BE REQUIRED FOR SITES THAT
 - 9.1.1. ARE WITHIN 5km OF A MARINE ENVIRONMENT,
 - 9.1.2. SITES WITH AGGRESSIVE OR ACID SULPHATE SOILS,
 - 9.1.3. CHEMICAL EXPOSURE OR LISTED ON THE CONTAMINATED LAND REGISTER
10. ALL SLABS ARE TO BE SPRAYED WITH ALIPHATIC ALCOHOL BARRIER AFTER INITIAL SCREENING AND BULLFLOATING. ALIPHATIC ALCOHOL TO BE RE-APPLIED AFTER EACH SUBSEQUENT FINISHING OPERATION
11. CURE ALL CONCRETE SURFACES IN ACCORDANCE WITH AS3600. CURING OF ALL CONCRETE IS TO BE ACHIEVED BY KEEPING SURFACES CONTINUOUSLY WET FOR A PERIOD OF 3 DAYS AND PREVENTION OF LOSS OF MOISTURE FOR A TOTAL OF 7 DAYS FOLLOWED BY A GRADUAL DRYING OUT. USE OF AN APPROVED CURING AGENT. APPLY CURING COMPOUNDS WITHIN 2 HOURS OF THE FINISHING OPERATION
12. ALL RE-ENTRANT CORNERS AND PENETRATIONS LARGER THAN 200 SQUARE ARE TO HAVE TRIMMER BARS PLACED DIAGONALLY AT CORNERS. TRIMMER BARS SHALL BE 2 N12 x 1200mm LONG AT 100mm CENTRES. TOP & BOTTOM FOR SUSPENDED SLABS. FOR SLABS ON GROUND PROVIDE TRIMMER BARS FOR EACH LAYER OF MESH
13. ALL HOOKS AND BENDS TO BE IN ACCORDANCE WITH AS3600
14. PROVIDE DAMP PROOF MEMBRANE UNDER CONCRETE PAVEMENT
15. ALL REINFORCEMENT TO BE SECURELY TIED PRIOR TO PLACEMENT OF CONCRETE
16. NO CONCRETE IS TO BE POURED ON SITE WHEN TEMPERATURES EXCEED 35 DEGS OR FALLS BELOW 5 DEGS

1. VEGETATION PROTECTION SHALL CARRIED OUT IN ACCORDANCE WITH ANY VEGETATION MANAGEMENT PLAN FOR THE PROJECT. THE VEGETATION MANAGEMENT PLAN TAKES PRECEDENCE OVER THESE NOTES.
2. PRIOR TO CLEARANCE WORKS COMMENCING ON SITE, A JOINT INSPECTION SHALL BE UNDERTAKEN TO IDENTIFY SELECTED TREES AND / OR SHRUBS WHICH ARE TO REMAIN UNDISTURBED. THESE SHALL BE MARKED BY THE SUPERINTENDENT WITH COLOURED TAPE OR SIMILAR MARKS. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE OR REMOVE ANY OF THESE TREES AND / SHRUBS IN CARRYING OUT THE WORKS OF THE CONTRACT.
3. TREES LOCATED ALONG THE FOOTPATH SHOULD BE, WHERE POSSIBLE TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IN ACCORDANCE WITH THE VEGETATION MANAGEMENT PLAN OR AS DIRECTED BY THE SUPERINTENDENT.
4. UNLESS DIRECTED BY THE VEGETATION MANAGEMENT PLAN OR PROJECT ARBORIST/ECOLOGIST, WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHOULD BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES MUST BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
5. WHERE POSSIBLE, TREE ROOTS SHOULD BE TUNNELLED UNDER, RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHOULD BE TREATED WITH A SUITABLE FUNGICIDE.
6. ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY A PROFESSIONAL ARBORIST.
7. CONSTRUCTION VEHICLE ACTIVITY SHOULD BE LIMITED BY FENCING OF UNDISTURBED AREAS - REFER TO VEGETATION MANAGEMENT PLAN (OR EMP)
8. ACCESS SHOULD BE RESTRICTED TO PRE-EXISTING TRACKS OR THE PATH OF LEAST DISTURBANCE.
9. THE CONTRACTOR IS NOT TO DISTURB OR CUT VEGETATION WITHOUT THE SUPERINTENDENTS

1. PRE DISTURBANCE SOIL PROFILES AND COMPACTION LEVELS ARE TO BE REINSTATED.
2. PRE DISTURBANCE VEGETATION PATTERNS SHOULD BE RESTORED. ALL ENVIRONMENT PROTECTION MEASURES SHOULD BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION WORK, INCLUDING CLEARING, COMMENCING.
3. THE TRENCH AREA IS TO BE TOPSOILED AND SEEDED OR TURFED UPON COMPLETION OF WORKS.
4. ALL DISTURBED AREAS ARE TO BE LEFT IN A STABLE CONDITION. SLOPES SHOULD BE STABILISED USING APPROPRIATE EROSION CONTROL MEASURES.
5. ALL PLANTINGS WILL NEED TO BE MAINTAINED THROUGHOUT THE ESTABLISHMENT PHASE.

1. SUBSOIL DRAINS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS AND GRADED TO CONNECT WITH DRAINAGE INLET PITS OR TO OUTLET TO THE BATTER
 - 1.1. ALL NEW KERB, CHANNELS AND ROAD EDGES
 - 1.2. ALL RETAINING WALLS
 - 1.3. TO UPSTREAM END OF PITS WHERE SEWERAGE TRENCHES ARE PARALLEL OR CROSS
 - 1.4. TO UPSTREAM END OF STORMWATER PITS
2. SUBSOIL DRAINS TO BE IN ACCORDANCE WITH GOLD COAST CITY COUNCIL REQUIREMENTS. REFER GCCC STD DRG 05-02-103.
3. SUBSOILS THAT OUTLET ABOVE GROUND ARE TO BE FITTED WITH ROCLA FROG FLAPS OR APPROVED EQUIVALENT.
4. SUBSOIL DRAINS TO BE LAID A MINIMUM 300mm BELOW THE SUBGRADE AND AT MINIMUM GRADE OF 1:200 UNLESS OTHERWISE APPROVED
5. SELECTED FILTER MATERIAL TO BE NOMINAL 5 OR 10mm SINGLE SIZE SCREENINGS
6. ALL SUBSOIL DRAINS TO BE
 - 6.1. TYPICALLY CLASS 1000 POLYETHYLENE CORRUGATED SLOTTED PIPE TO AS 2439.1
 - 6.2. WHERE UNDER PAVEMENT CROSSINGS, PIPE TO BE CLASS S84 uPVC SOLID PIPE
7. SUBSURFACE DRAINS SHOULD GENERALLY OUTLET AT STORMWATER GULLY PITS AT A LEVEL ABOVE THE TOP HALF OF THE OUTLET PIPE
8. FLUSHING POINTS ARE TO BE CONSTRUCTED AT THE HEAD OF THE LINES WITH CLEANING JUNCTIONS AT A MINIMUM 30m CENTRES (IMMEDIATELY BEHIND THE KERB IF APPLICABLE)

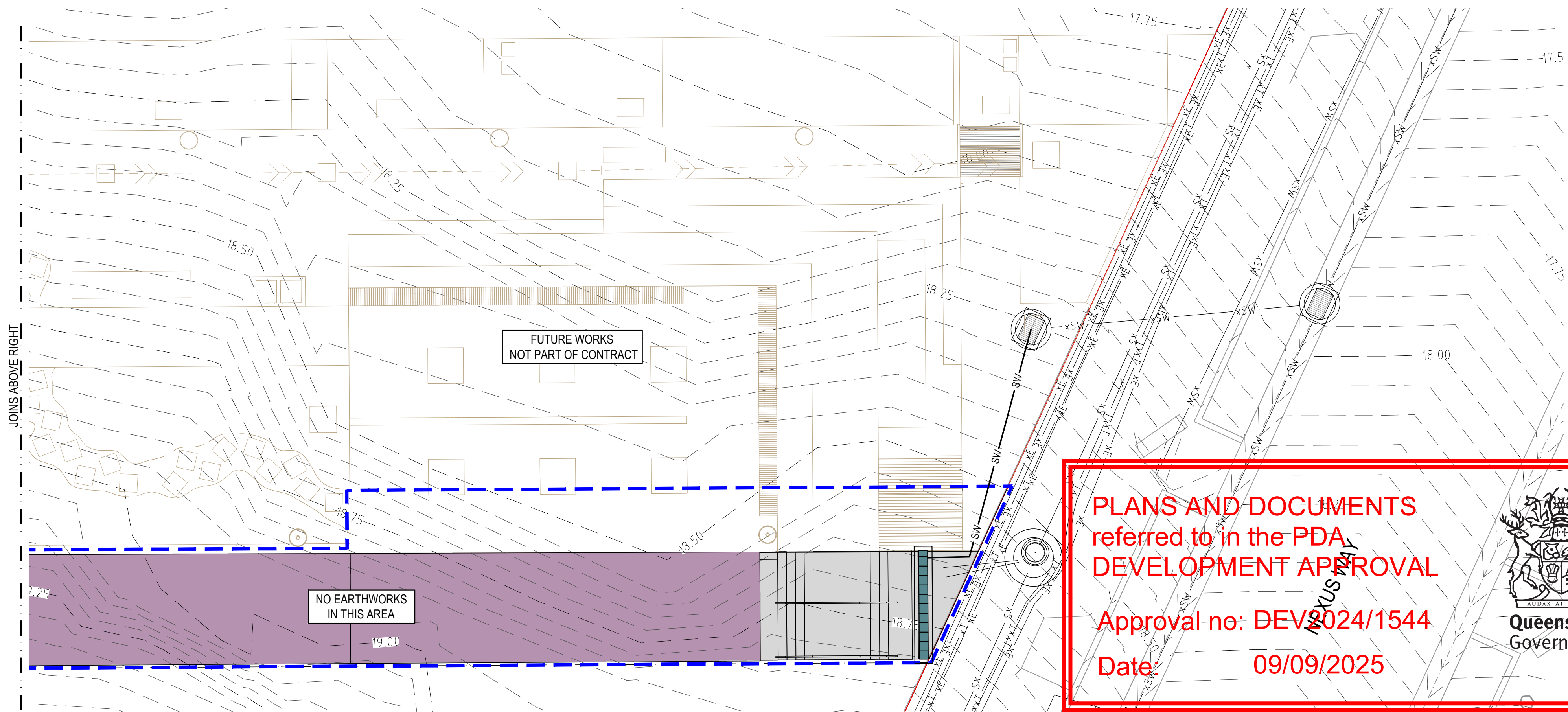
1. SETOUT FOR ACCESS CHAMBERS IS TO CENTRE OF STRUCTURE; HEIGHT TO FINISHED SURFACE.
2. SETOUT FOR INLET PITS IS TO CENTRE OF KERB; HEIGHT TO SURFACE OF GRATE;
3. STORMWATER DRAINAGE WORKS SHALL USE BLACKMAX PIPES (SN8) OR EQUIVALENT APPROVED UNLESS NOTED OTHERWISE. ENSURE INSTALLATION IS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, AS2566.1 & AS2566.2.
4. EXCAVATION AND BACKFILLING SHALL BE IN ACCORDANCE WITH AS3798. CARE MUST BE TAKEN NOT TO DAMAGE TREE ROOTS DURING CONSTRUCTION OF THE PIPELINE OR AS DIRECTED BY THE ARBORIST;
5. PIPE BEDDING SHALL BE IN ACCORDANCE WITH BACKFILL (UNLESS NOTED OTHERWISE). REFER IPWEAQ STD. DWG. DS-030 FOR DETAILS.
6. FULL PIPE BENCHING TO ALL STORMWATER STRUCTURES
7. ALL DRAINAGE STRUCTURES, PIT GRATES AND COVERS SHALL BE CLASS "D" U.N.O
8. AT LOCATIONS WHERE STORMWATER DRAINAGE PIPES AND SANITARY SEWERS CROSS, THE CONTRACTOR SHALL SATISFY THEMSELVES THAT THE DESIGN LEVELS PROVIDE FOR A MINIMUM CLEARANCE OF 150mm BETWEEN PIPES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION OF TRENCHES FOR CONSTRUCTION OF THESE FACILITIES. IF THE CONTRACTOR FINDS ANY DISCREPANCY, THEY SHALL IMMEDIATELY REFER IT IN WRITING TO THE SUPERINTENDENT.
9. SUB-SOIL DRAINAGE TO BE IN ACCORDANCE WITH GOLD COAST CITY COUNCIL STANDARDS. FLUSH OUT POINTS AND OUTLETS ARE TO BE PROVIDED AT ALL PITS OR AS SHOWN ON THE DRAWINGS.
10. SUB-SOIL DRAINS THAT OUTLET ABOVE GROUND ARE TO BE FITTED WITH ROCLA 'FROG FLAPS' OR APPROVED EQUIVALENT.
11. PROVIDE SUB-SOIL DRAINS TO UPSTREAM END OF PITS WHERE SEWERAGE TRENCHES ARE PARALLEL OR CROSS.
12. ALL WORKS SHALL COMPLY WITH RELEVANT COUNCIL REQUIREMENTS.
13. AT EVERY POINT OF LOADING OR UNLOADING, PIPES MUST BE HANDLED BY APPROVED LIFTING TACKLE.
14. PIPES AS SPECIFIED ABOVE SHALL BE LAID FROM THE DOWNSTREAM END OF THE LINE, TRUE TO LINE AND LEVEL. THE RUBBER RING SHALL BE FIXED AS PER THE MANUFACTURER'S INSTRUCTION TO ENSURE A WATERTIGHT JOINT. ANY JOINT NOT FIXED TO THE SATISFACTION OF THE SUPERINTENDENT SHALL BE REFIXED AS INSTRUCTED. ANY EARTH, CEMENT OR OTHER MATERIAL SHALL BE THOROUGHLY CLEANED OUT OF THE PIPES.
15. THE CONTRACTOR SHALL ALLOW FOR THE REINSTATEMENT OF ALL EXISTING WORKS TO ORIGINAL CONDITION. THIS SHALL INCLUDE ALL SERVICES, OTHER DRAINAGE WORKS, ROADWORKS AND KERBS, SIGNS AND FENCES ETC.
16. CONTRACTOR SHALL INCLUDE PRODUCTION OF A VIDEO BY "CCTV" OF ALL INSTALLED STORMWATER PIPES TO LOCAL COUNCIL STANDARD.
17. DURING CONSTRUCTION ANY UNDERGROUND SPRINGS ENCOUNTERED ARE TO BE IDENTIFIED AND A SUITABLE CONNECTION MADE TO THE CLOSEST PIPED ROAD DRAINAGE.
18. PIPES TO BE LAID AT 1:100 MIN GRADE UNLESS SPECIFIED OTHERWISE.
19. ALL STORMWATER PROPRIETARY DEVICES TO BE MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS GUIDELINES. CONTRACTOR TO PROVIDE A COPY OF THESE DOCUMENTS TO THE ASSET OWNER WITHIN THE OPERATIONAL AND MAINTENANCE MANUALS.



- CONTOURS LEGEND**
- 50.0 PROPOSED CONTOURS MAJOR (0.25m INTERVALS)
 - PROPOSED CONTOURS MINOR (0.05m INTERVALS)
 - 50.00 EXISTING CONTOURS MAJOR (0.25m INTERVALS)
 - EXISTING CONTOURS MINOR (0.05m INTERVALS)

- EXISTING LEGEND**
- SERVICES SHOWN INDICATIVELY ONLY AND ARE SUBJECT TO POTHOLES AND CONFIRMATION ON-SITE
- xE EXISTING ELECTRICAL
 - xSW EXISTING STORMWATER
 - xS EXISTING SEWER
 - xW EXISTING WATER
 - xC EXISTING COMMS
 - xG EXISTING GAS
 - xT EXISTING TELECOMMS
 - PROPERTY BOUNDARY

- LEGEND**
- PEDESTRIAN PAVEMENT 1 - REFER TO STRUCTURAL ENGINEER'S DOCUMENTATION AND CIVIL TYPICAL DETAIL ON C-0350 FOR DETAILS - BE LEVELS ARE TYPICALLY 370mm BELOW FSL
 - PEDESTRIAN PAVEMENT 2 (NO EARTHWORKS - AREA OF STRUCTURAL DESIGN AS PART OF NEIGHBOURING SITE 6A WORKS - SURFACE WORKS ONLY. REFER STRUCTURAL & LANDSCAPE DRAWINGS FOR DETAILS.
 - LANDSCAPE AREA 1 - REFER TO LANDSCAPE ARCHITECT FOR DETAILS - BE LEVELS ARE TYPICALLY 650mm BELOW FSL
 - EARLY WORKS EXTENT OF WORKS



- BULK EARTHWORKS**
- THESE NOTES TO BE READ IN CONJUNCTION WITH THE GROUNDWORKS NOTES ON C-0010 AND C-0011.
 - ALL EARTHWORKS (CUT AND FILL) SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3798 AND SUPERVISION TO LEVEL 1 SHALL BE SUPPLIED BY THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A QUALIFIED GEOTECHNICAL ENGINEER WHO IS A REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND WITH A MINIMUM OF \$5 MILLION PROFESSIONAL INDEMNITY INSURANCE, TO UNDERTAKE LEVEL 1 SUPERVISION OF EARTHWORKS AND WHOSE CERTIFICATION IN WRITING SHALL INCLUDE THE FOLLOWING :
 - ENGINEERING CERTIFICATION THAT ALL GENERAL EARTHWORKS OPERATIONS (ie. STRIPPING, PROOF ROLLING OF CUT AND FILL SUBGRADES, SUBGRADE TREATMENT, ETC) HAVE BEEN CARRIED OUT IN ACCORDANCE WITH EARTHWORKS SPECIFICATIONS.
 - ENGINEERING CERTIFICATION THAT FILL HAS BEEN PLACED AND COMPACTED TO THE REQUIRED MINIMUM DENSITY IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION.
 - ENGINEERING CERTIFICATION THAT ANY AREAS OF CUT HAVE BEEN COMPACTED TO THE REQUIRED MINIMUM DENSITY IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION.
 - IF REQUIRED, ENGINEERING CERTIFICATION THAT THE CONTROLLED FILL MATERIAL OR CUT SUBGRADE IS SUITABLE TO SUPPORT A CONVENTIONAL SLAB ON GROUND FLOOR OR PAVEMENT SYSTEM
 - ENGINEERING CERTIFICATION THAT THE QUALITY OF ANY IMPORTED FILL COMPLIES WITH THE EARTHWORKS SPECIFICATION REQUIREMENTS
 - ENGINEERING CERTIFICATION THAT THE AREAS OF CUT HAVE BEEN SUBJECT TO PROOF ROLL AND COMPACTED UNDER GEOTECHNICAL SUPERVISION TO THE SAME STANDARDS AS FILL AREA
 - THE CONTRACTOR SHALL EMPLOY A QUALIFIED GEOTECHNICAL ENGINEER WHO IS A REGISTERED ENGINEER OF QUEENSLAND WITH A MINIMUM \$5 MILLION PROFESSIONAL INDEMNITY INSURANCE, TO UNDERTAKE FULL TIME GEOTECHNICAL SUPERVISION FOR A DURATION OF EARTHWORKS, WHO SHALL PROVIDE REGULAR SITE REPORTS DETAILING:
 - THAT THE STABILITY OF ALL TEMPORARY AND PERMANENT CUT/FILL BATTERS AND TRENCHES IS ADEQUATE.
 - THAT CONTRACTORS HAUL ROUTES AND TEMPORARY WORKS DO NOT COMPROMISE THE STABILITY OF ANY TEMPORARY OR PERMANENT SLOPES, BUILDINGS OR OTHER SITE FEATURES.
 - NOT WITHSTANDING THE REQUIREMENT FOR THE BUILDER TO OBTAIN GEOTECHNICAL CERTIFICATION, THE BUILDER IS TO ADVISE THE SUPERINTENDENT AND SEEK APPROVAL BEFORE PROCEEDING WITH ANY EARTHWORKS OR PAVEMENT CONSTRUCTION THAT IS LIKELY TO GIVE RISE TO A VARIATION CLAIM.
 - NON SUITABLE SITE WON MATERIAL (E.G. SILTY SANDS, REACTIVE, DISPERSIBLE MATERIAL) ARE NOT TO BE USED WITHIN ENGINEERING FILL UNLESS ASSESSED AND CERTIFIED AS SUITABLE FOR USE BY THE LEVEL 1 GEOTECHNICAL ENGINEER.

- CAUTION - EXISTING SERVICES**
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- CONFIRM LOCATION AND DEPTH OF EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION
 - REMOVE SERVICES WHERE DOCUMENTED
 - APPROPRIATE SAFE WORK METHODOLOGY WHEN WORKING IN PROXIMITY TO SERVICES BEING RETAINED
 - MAKE APPROPRIATE ALLOWANCES TO PROTECT SERVICES WHERE THEY ARE TO BE RETAINED

NOTE

LEVELS SHOWN ON THIS PLAN ARE FOR COORDINATION PURPOSES ONLY. LANDSCAPE ARCHITECTURAL LEVELS TO TAKE PRECEDENT.

NOTE

- THIS DRAWING TO BE READ IN CONJUNCTION WITH PROJECT NOTES ON C-0010, C-0011 AND DOCUMENTS AND STANDARD DRAWINGS AS SHOWN ON C-0000
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1544

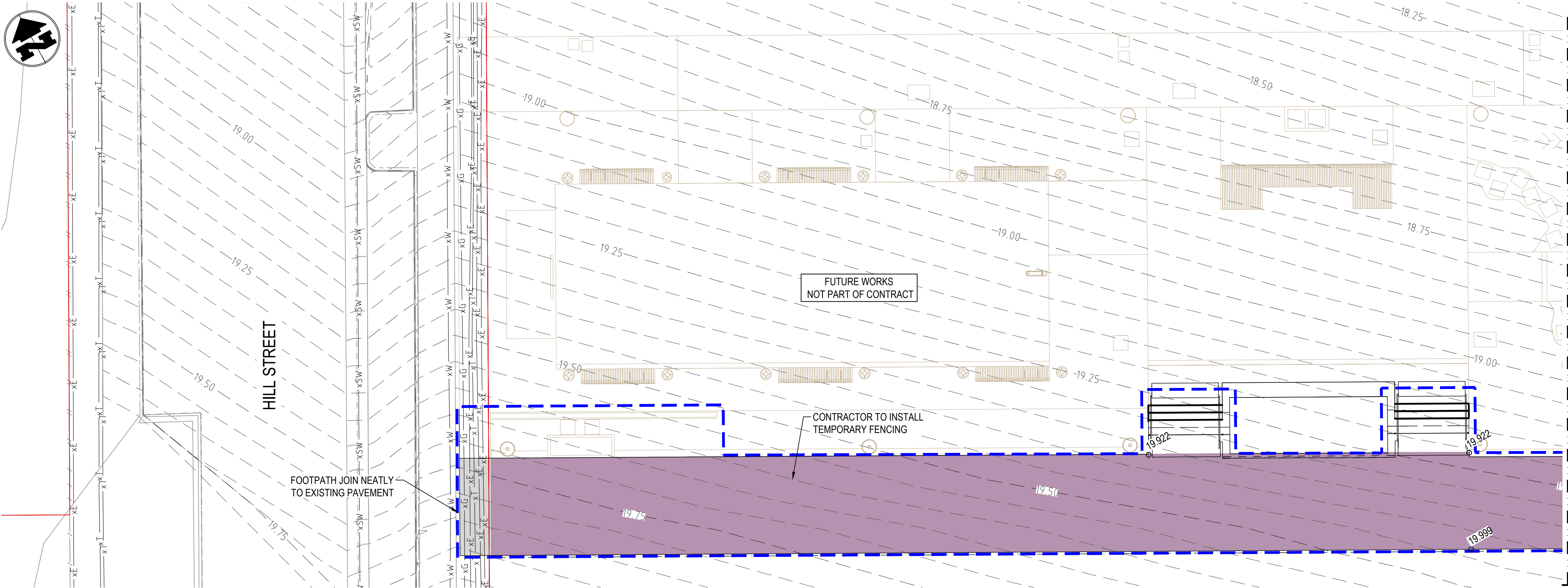
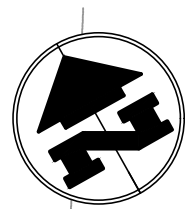
Date: 09/09/2025



SCALE 1:100 0 1 2 3 4m

BLIGH TANNER BRISBANE SYDNEY blightanner@blightanner.com.au blightanner.com.au	REV	DATE	DESCRIPTION	DESIGN	DRAWN	APPROVED	CLIENT	ARCHITECT	SCALES	DRAWN BY	PROJECT
	C1	10/06/2025	EARLY WORKS IFC	JAM	JAM	MM		Hassell	1:100 @ A1	J. MARTIN	LUMINA OPEN SPACE - EARLY WORKS
	C2	26/08/2025	EARLY WORKS IFC	JAM	JAM	MM				DESIGN BY	LOCATION
										J. MARTIN	NEXUS WAY, SOUTHPORT
										CHECKED BY	DRAWING TITLE
										M. MARTIN	BULK EARTHWORKS PLAN
										SIGNED	PRINTING REQUIREMENTS
										M. MARTIN RPEQ 13428	PRINT THIS DRAWING IN COLOUR
											PROJECT NUMBER
											2022.0021
											DRAWING NUMBER
											C-0200
											REVISION
											C2

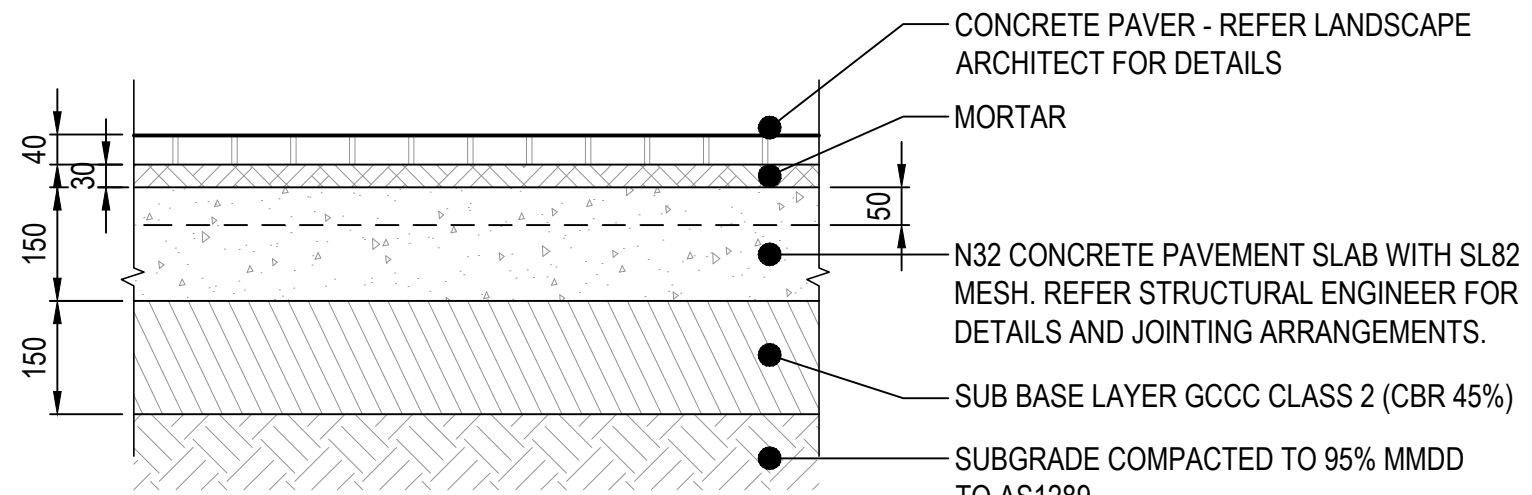
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 - PROPOSED CONTOURS MINOR (0.05m INTERVALS)
 - 50.00 EXISTING CONTOURS MAJOR (0.25m INTERVALS)
 - EXISTING CONTOURS MINOR (0.05m INTERVALS)

- EXISTING LEGEND**
SERVICES SHOWN INDICATIVELY ONLY AND ARE SUBJECT TO POTHOLES AND CONFIRMATION ON-SITE
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 - xSW EXISTING STORMWATER
 - xS EXISTING SEWER
 - xW EXISTING WATER
 - xC EXISTING COMMS
 - xG EXISTING GAS
 - xT EXISTING TELECOMMS
 - PROPERTY BOUNDARY

- LEGEND**
- PEDESTRIAN PAVEMENT 1 - REFER C-0350 FOR DETAILS
 - PEDESTRIAN PAVEMENT 2 - REFER STRUCTURAL & LANDSCAPE DRAWINGS FOR DETAILS
 - LANDSCAPE AREA 1 - REFER LANDSCAPE ARCHITECT FOR DETAILS
 - PROPOSED STORMWATER
 - TRENCH DRAIN - U.N.O. 200mm WIDE ACO KLASIKDRAIN K200 WITH HEEL SAFE CLASS B GRATE - P4 SLIP RATING
 - EARLY WORKS EXTENT OF WORKS



PEDESTRIAN PAVEMENT 1 - TYPICAL DETAIL
SCALE 1:10

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: **DEV2024/1544**

Date: **09/09/2025**

Queensland Government

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SCALE 1:100 0 1 2 3 4m

 BRISBANE SYDNEY blightanner@blightanner.com.au blightanner.com.au	REV	DATE	DESCRIPTION	DESIGN	DRAWN	APPROVED	CLIENT	ARCHITECT	SCALES	DRAWN BY	PROJECT
	C1	10/06/2025	EARLY WORKS IFC	JAM	JAM	MM	Queensland Government	Hassell	1:100 @ A1	J. MARTIN	LUMINA OPEN SPACE - EARLY WORKS
	C2	26/08/2025	EARLY WORKS IFC	JAM	JAM	MM				DESIGN BY	
										J. MARTIN	
										CHECKED BY	
										M. MARTIN	LOCATION
											DRAWING TITLE
											SITE WORKS PLAN
											PRINTING REQUIREMENTS
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