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**APPLICATION REF**  
 A006852603

# BRISBANE CITY COUNCIL

## CHANDLER GREEN WASTE EXPANSION - STAGE 1



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**LOCALITY PLAN**  
 SCALE 1: 10,000

**DRAWING LIST**

DRAWING No.	DRAWING TITLE	REV. No.
240197-200-001	COVERSHEET	A
240197-200-002	NOTES	A
240197-200-003	EXISTING SITE LAYOUT PLAN	A
240197-200-004	DEMOLITION PLAN	A
240197-200-010	ROADWORKS AND DRAINAGE PLAN	A
240197-200-011	FOOTPATH CONCRETE JOINT LAYOUT PLAN	A
240197-200-020	ROADWORKS AND DRAINAGE SECTIONS - SHEET 1	A
240197-200-021	ROADWORKS AND DRAINAGE DETAILS - SHEET 1	A
240197-200-022	ROADWORKS AND DRAINAGE DETAILS - SHEET 2	A
240197-200-030	CONTROL LINE SETOUT PLAN	A
240197-200-040	SERVICES COORDINATIONS PLAN	A

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No.	DESCRIPTION	DATE	DRAWN	CHECKD	APPRD
A	ISSUED FOR TENDER	22/08/26	REF	BP	ER

SCALE: - JOB No. 240197 DATE JUN. 2025 DESIGN BH DRAWN REF CHECKED BP APPROVED ER	A.B.N. 64 005 931 288   TAILINGS . WATER . WASTE .	www.atcwilliams.com.au  BRISBANE CITY COUNCIL CHANDLER GREEN WASTE EXPANSION - STAGE 1  COVERSHEET	DWG. No. <b>240197-200-001</b>  <table border="1" style="width: 100%; text-align: center;"> <tr> <th>SHEET SIZE</th> <th>A3</th> <th>Rev.</th> <th>A</th> </tr> <tr> <td colspan="4"> <small>Conditions of Use:            This drawing document may only be used with permission from ATC Williams Pty. Ltd. for the purpose for which it was prepared and must NOT be used by any other person or for any other purpose.</small> </td> </tr> <tr> <td colspan="4">SHEET 1 OF 11</td> </tr> </table>	SHEET SIZE	A3	Rev.	A	<small>Conditions of Use:            This drawing document may only be used with permission from ATC Williams Pty. Ltd. for the purpose for which it was prepared and must NOT be used by any other person or for any other purpose.</small>				SHEET 1 OF 11			
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SHEET 1 OF 11															

## GENERAL NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL REFERENCE DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS ISSUED DURING THE COURSE OF THE CONTRACT.
- ALL DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR A DECISION PRIOR TO COMMENCING THE WORKS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT AUSTRALIAN STANDARDS CODES, STANDARD SPECIFICATIONS AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT AUTHORITIES EXCEPT WHERE LAWFULLY VARIED BY THE PROJECT SPECIFIC SPECIFICATION.
- DURING CONSTRUCTION, THE SITE SHALL BE MAINTAINED IN A SAFE AND STABLE CONDITION. THE WORKS ARE TO BE COMPLETED WITHIN AN OPERATIONAL WASTE MANAGEMENT FACILITY THAT MUST REMAIN OPERATIONAL THROUGHOUT THE WORKS. CAREFUL STAGING AND COORDINATION OF THE WORKS ARE TO BE ALLOWED FOR TO ENSURE THE MAIN ENTRANCE ROADWAY AND WEIGHBRIDGES REMAIN OPERATING DURING THE CONSTRUCTION OF WORKS.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- DIMENSIONS AND LOCATION OF EXISTING STRUCTURES SHALL BE CONFIRMED ONSITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.
- LOCATION AND DEPTH OF ALL SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.
- DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWINGS.
- TRADE NAMES HAVE BEEN USED FOR A PARTICULAR PRODUCT REQUIREMENT BUT EQUIVALENT PRODUCTS MAY BE SUBMITTED FOR APPROVAL BY THE DESIGN SUPERINTENDENT.
- THE CONTRACTOR SHALL ALLOW IN THEIR TENDER FOR APPROVED SUBSTITUTIONS DUE TO NON-AVAILABILITY OF NOMINATED ITEMS.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION (ATC WILLIAMS REFERENCE: 250672-502) AND ANY AMENDMENTS.

## SURVEY INFORMATION

- THE DESIGN INFORMATION PROVIDED WAS GENERATED UTILISING EXTERNALLY PROVIDED FILES AND INFORMATION AS REFERENCED. ATC WILLIAMS CANNOT GUARANTEE THE ACCURACY OF THE REFERENCED INFORMATION
- AERIAL IMAGERY IS PROVIDED FOR INDICATIVE PURPOSES ONLY AND MAY NOT ACCURATELY REPRESENT ONSITE CONDITIONS AT THE TIME OF WORKS.
- UNLESS NOTED OTHERWISE: -
  - ALL DIMENSIONS, CHAINAGES, LEVELS, HORIZONTAL CURVES AND VERTICAL CURVES ARE IN METRES
  - LEVELS ARE REDUCED TO AUSTRALIAN HEIGHT DATUM (AHD)
  - GRID COORDINATE SYSTEM IN USE GDA 2020 MGA ZONE 56.
- THE SURVEY USED CONSISTS OF;

SURVEY DATA		
FILE NAME	SURVEY DATE	SURVEYOR
10544 DTM A-1-B.dwg	21/03/2025	EAST COAST SURVEYS
EPSG7856_Date20250508_Lat-27.515121_Lon153.151747_Mpp0.075_Verf.jpg	8/05/2025	NEARMAP IMAGERY

## CONSTRUCTION MANAGEMENT NOTES

- THE CONTRACTOR SHALL PREPARE, MAINTAIN AND IMPLEMENT A SITE-SPECIFIC CONSTRUCTION, TRAFFIC AND SEDIMENT AND EROSION CONTROL MANAGEMENT PLAN, AND USE THE PLAN FOR THE DURATION OF THE CONTRACT WORKS. THE PLANS SHALL COMPLY WITH ALL RELEVANT GUIDELINES, STANDARDS AND LEGISLATION, AND SHALL INCLUDE AN EROSION AND SEDIMENT CONTROL PLAN (ESC PLAN DEVELOPMENT PER BCC-APPROVED GUIDELINES AND CERTIFIED BY A RPEQ AND/OR CPESC)

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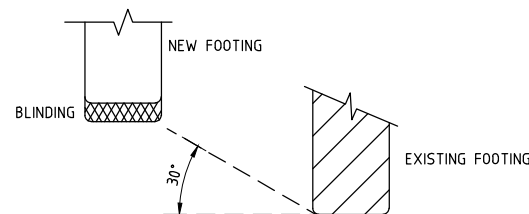
## FOUNDATION & SITE PREP.

- THE CONTRACTOR SHALL ENSURE THAT THE SIDES AND BOTTOM OF ALL EXCAVATIONS ARE STABLE DURING ALL STAGES OF CONSTRUCTION AND REMAIN FREE OF ORGANIC MATERIAL AND RUBBISH.
- ALL FOOTING ELEMENTS TO BE FOUNDED IN NATURAL MATERIAL WITH MINIMUM SAFE ALLOWABLE BEARING PRESSURES (SABP) AS FOLLOWS:  
**ELEMENT**  
 PAD FOOTINGS – 100kPa  
 BORED PIERS – 100kPa  
 SITE CLASSIFICATION (TO AS 2870): CLASS P

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENGAGE A GEOTECHNICAL ENGINEER TO VERIFY FOUNDATION CONDITIONS ARE ADEQUATE WHEREVER A MINIMUM SAFE ALLOWABLE BEARING PRESSURE GREATER THAN 150kPa IS REQUIRED. SHOULD CONDITIONS OTHER THAN THOSE DESCRIBED ABOVE BE ENCOUNTERED CONTACT DESIGN ENGINEER FOR POSSIBLE FOUNDATION RE-DESIGN.

- SPECIFIED FOUNDATION LEVELS ARE NOT TO BE CHANGED WITHOUT WRITTEN APPROVAL BY THE DESIGN ENGINEER. WHERE OVER EXCAVATION IS REQUIRED TO ACHIEVE SPECIFIED BEARING PRESSURES, 15 MPa BLINDING CONCRETE SHALL BE USED TO BACKFILL THE ADDITIONAL EXCAVATION. THE COST OF FILLING OVER EXCAVATED FOUNDATIONS SHALL BE INCURRED BY THE CONTRACTOR.

- WHERE AN EXCAVATION IS REQUIRED OR EXISTS BELOW THE BASE OF A FOOTING, THE SIDE OF THE EXCAVATION SHALL BE LOCATED AWAY FROM EDGE OF FOOTING BY THE SAME DISTANCE THAT THE EXCAVATION IS BELOW FOOTING BASE. WHERE THIS CANNOT BE ACHIEVED, CONTACT THE ENGINEER FOR FURTHER DIRECTION.



- EXCAVATIONS FOR THE EDGE OF THE FOOTING SYSTEM SHALL BE BACKFILLED IN SUCH A WAY AS TO PREVENT ACCESS OF WATER TO THE FOUNDATION. TRENCHES SHALL BE SLOPED AWAY FROM THE BUILDING AND SHALL BE PLUGGED BY COMPACTED CLAY TO THE FULL COMPACTED CLAY TO THE FULL DEPTH OF THE TRENCH.
- WHERE PIPES PASS UNDER THE FOOTING SYSTEM, THE TRENCH SHALL BE BACKFILLED FULL DEPTH WITH CLAY OR CONCRETE.
- CONCRETE IN BASES SHALL BE VIBRATED AND REINFORCEMENT TO BE FIXED IN POSITION BY BAR CHAIRS AND/OR LIGATURES.
- SITES CLASSIFIED AS M, H1, H2 OR E SHOULD BE MAINTAINED AT ESSENTIALLY STABLE MOISTURE CONTENTS AND EXTREMES OF WETTING AND DRYING PREVENTED.
- THE SITE SHALL BE DRAINED OR DRAINED SUCH THAT WATER CANNOT POND AGAINST OR NEAR THE FOUNDATIONS

## ROADWORKS NOTES

- ALL PAVEMENT WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION.
- THE PAVEMENT THICKNESS SHOWN ON THE DRAWINGS MAY BE VARIED BY DIRECTION, IN WRITING, BY THE SUPERINTENDENT AFTER THE EXAMINATION AND/OR TESTING OF THE SUBGRADE. THE CONTRACTOR SHALL IN ALL CASES CONFIRM THE PAVEMENT THICKNESS BEFORE PROCEEDING WITH THE FINAL PREPARATION OF THE SUBGRADE.
- ALL NEW WORK SHALL BE JOINED NEATLY TO EXISTING. THE LEVELS FOR CONNECTION TO EXISTING WORKS MAY BE VARIED WHERE NECESSARY ON SITE BY THE SUPERINTENDENT TO ACHIEVE A SATISFACTORY SMOOTH FINISH TO THE EXISTING WORKS.

## STORMWATER NOTES

- ALL STORMWATER DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION.
- ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK, DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT.
- THE CONTRACTOR IS TO PROVIDE DIVERSION WORKS TO PROTECT WORKS IN PROGRESS UNTIL SUCH A TIME AS THE WORKS ARE IN A FINISHED AND STABLE CONDITION.
- ANY DAMAGE TO THE WORKS DUE TO STORMWATER FLOWS OR FLOODING DURING THE CONSTRUCTION PERIOD IS AT THE SUBCONTRACTORS RISK AND EXPENSE.

## EARTHWORKS NOTES

- EARTHWORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH "AS3798. GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS", EXCEPT WHERE VARIED BY THESE NOTES. CERTIFICATES OF ALL DENSITY TESTS TO THE ENGINEER.
- EXISTING SURFACES UNDER NEW WORKS ARE TO BE STRIPPED OF ALL VEGETATION, TOPSOIL AND UNCONTROLLED FILL TO A MINIMUM DEPTH OF 100mm. ALL TREE STUMPS AND ROOTS SHALL BE CHASED OUT AND REMOVED. IF DECLARED WEEDS ARE ENCOUNTERED THE CONTRACTOR IS TO ADVISE THE SUPERINTENDENT AND DISPOSE OF THEM IN AN APPROVED MANNER
- ANY EXCAVATIONS REQUIRED TO REMOVE EXISTING MANHOLES, PITS, STUMPS, ROOTS OR OTHER EXISTING ELEMENTS SHALL BE BACKFILLED WITH COMPACTED FILL (98% STANDARD COMPACTION). DISTURBED BASES OF EXCAVATIONS SHALL BE COMPACTED TO 98% OF THE STANDARD COMPACTION TEST.
- MOISTURE CONTENT OF EXPOSED SUBGRADE SHALL BE ADJUSTED TO BE ±2% OF OPTIMUM MOISTURE CONTENT.
- THE EXPOSED SURFACE SHALL BE TEST ROLLED IN ACCORDANCE WITH AS3798, TO ENSURE THAT NO LOCAL SOFT SPOTS EXIST. ANY SOFT SPOTS IDENTIFIED SHALL BE TREATED AS DIRECTED BY THE SUPERINTENDENT.
- FILL (IF REQUIRED) SHALL BE APPROVED FILL STABLE, FREE FROM ORGANIC MATTER. HAVE A LINEAR SHRINKAGE NOT GREATER THAN 12%, A PLASTICITY INDEX NOT GREATER THAN 20, A MAXIMUM NOMINAL SIZE OF 75mm AND A MINIMUM SOAKED CBR OF 15.
- FILL MATERIAL IS TO BE PLACED IN LAYERS NOT EXCEEDING 200mm LOOSE THICKNESS AND COMPACTED TO 98% OF THE STANDARD COMPACTION TEST.
- THE CONTRACTOR SHALL ENSURE THAT THE SIDES AND BOTTOMS OF ALL EXCAVATIONS ARE STABLE DURING ALL STAGES OF CONSTRUCTION AND REMAIN FREE OF ORGANIC MATERIAL AND RUBBISH.
- SURFACES DISTURBED DURING CONSTRUCTION SHALL BE MADE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT.
- EXCAVATIONS NEAR THE EDGE OF THE FOOTING SYSTEM SHALL BE BACKFILLED IN SUCH A WAY AS TO PREVENT ACCESS OF WATER TO THE FOUNDATION. TRENCHES SHALL BE SLOPED AWAY FROM THE BUILDING AND SHALL BE PLUGGED BY BACKFILLING WITH COMPACTED CLAY IN THE TOP 300mm WITHIN 150mm OF THE BUILDING.
- WHERE PIPES PASS UNDER THE FOOTING SYSTEM, THE TRENCH SHALL BE BACKFILLED FULL DEPTH WITH CLAY OR CONCRETE.
- THE SITE SHALL BE MAINTAINED AT ESSENTIALLY STABLE MOISTURE CONDITIONS AND EXTREMES OF WETTING AND DRYING PREVENTED.
- GRADE EVENLY BETWEEN LEVELS.

## EARTHWORKS COMPACTION TESTING

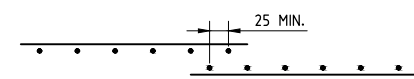
- FREQUENCY OF FIELD DENSITY TESTS TYPE 2 IN ACCORDANCE WITH TABLE 8.1 OF AS 3798
- COORDINATION OF GEOTECHNICAL TESTING LEVEL 2 IN ACCORDANCE WITH SECTION 8 OF AS 3798

## REINFORCEMENT NOTES

- REINFORCEMENT SYMBOLS  
 R – GRADE 230R PLAIN ROUND BARS TO AS 4671  
 N – GRADE 500 DEFORMED BARS TO AS 4671  
 L – GRADE 500 HARD DRAWN WELDED WIRE FABRIC TO AS 4671  
 W – HARD DRAWN PLAIN WIRE TO AS 4671
- REINFORCEMENT IS SHOWN DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
- REINFORCEMENT SHALL BE SUPPLIED AND BENT IN ACCORDANCE WITH AS 3600. REBENDING OF REINFORCEMENT WITH OR WITHOUT HEATING IS NOT PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER.
- SPLICES TO REINFORCEMENT SHALL ONLY BE MADE IN POSITIONS SHOWN OR AS APPROVED OTHERWISE BY THE ENGINEER.
- REINFORCEMENT SPLICES SHALL BE FULL STRENGTH TENSION SPLICES WITH LAPS AS FOLLOWS UNLESS NOTED OTHERWISE:

	f'c	MIN. COVER	NOMINAL SIZE					
			N12	N16	N20	N24	N28	N32
ALL HORIZONTAL AND VERTICAL BARS U.N.O.	25MPa	30mm	480	750	1030	1340	1660	-
	32MPa	40mm	390	590	840	1100	1930	1700
	40MPa	45mm	350	530	750	990	1240	1520
HORIZONTAL BARS WITH >300mm COVER BELOW BAR	25MPa	30mm	350	460	610	820	1050	1290
	32MPa	40mm	300	400	550	760	1000	1240
	40MPa	45mm	250	350	500	710	950	1200
	50MPa	50mm	200	300	450	600	800	1050

- THE MINIMUM FABRIC LAP SHALL BE TWO CROSS WIRES PLUS 25mm. STAGGER SHEETS TO AVOID EXCESSIVE THICKNESS AT LAPS.



- USE MECHANICAL SPLICES ONLY WHERE SPECIFIED OR APPROVED BY THE ENGINEER.
- DO NOT WELD REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER.
- PROVIDE 2-N16 DIAGONAL BARS x 2000 LONG IN THE TOP LAYER AT ALL RE-ENTRANT CORNERS. 100 MIN. SPACING.
- REINFORCING BARS SHALL NOT BE CUT TO CLEAR PENETRATIONS NOT DETAILED ON THE DRAWINGS BUT BE DISPLACED TO CLEAR THEM. ADDITIONAL REINFORCING CONSISTENT WITH THE REINFORCEMENT MAT SPACING IS TO BE PROVIDED IN LINE WITH THE BLOCKOUTS.
- SUPPORT ALL REINFORCEMENT SECURELY IN ITS CORRECT POSITION DURING CONCRETE BY SECURELY TYING WITH 1.25mm WIRE TO APPROVED PLASTIC TIPPED BAR CHAIRS, SPACERS OR SUPPORT BARS. SUPPORT SPACINGS SHALL BE SUCH AS TO POSITION AND MAINTAIN THE REINFORCEMENT TO THE TOLERANCES OF AS 3600 AND SHALL BE AT 800mm MAXIMUM CENTRES IN SLABS. PLASTIC TIPPED STEEL BAR CHAIRS SHALL NOT BE USED FOR EXTERNAL WORK.
- REINFORCEMENT CUT-OFF LOCATIONS IN BEAMS AND SLABS SHALL COMPLY WITH THE DEEMED TO SATISFY PROVISIONS OF AS 3600 UNLESS DIMENSIONED OTHERWISE.
- ALL REINFORCING STEEL SHALL BE SOURCED FROM MILLS WITH A RELEVANT JAS ANZ ACCREDITED THIRD-PARTY CERTIFICATION SCHEME SUCH AS THE ACRS SCHEME. ALTERNATIVE SOURCING OF THIRD PARTY CERTIFIED STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW AND MUST BE APPROVED PRIOR TO THE COMMENCEMENT OF PROCUREMENT.

## CONCRETE NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH AS 3600 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- CONCRETE ELEMENT SIZES ARE MINIMUM VALUES AND DO NOT INCLUDE APPLIED FINISHES.
- BEAM DEPTHS ARE GIVEN FIRST AND INCLUDE SLAB THICKNESS IF ANY. CAST BEAMS AND SLABS TOGETHER UNLESS APPROVED OTHERWISE.
- CONCRETE GRADES AND COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS SPECIFIED OTHERWISE:

ELEMENT	EXPOSURE	COVER	GRADE
SLAB ON GROUND (U.N.O.)	EXTERNAL	B1	40 N32
KERBS	EXTERNAL	B1	- N32
GRATED TRENCHES	EXTERNAL	B1	40 N32
FOUNDATIONS	EXTERNAL	B1	40 N32

- ALL STRUCTURE CAST AGAINST GROUND SHALL BE LAID ON AN APPROVED VAPOUR BARRIER EXCEPT FOR FOOTINGS.
- PROPERLY FORM ALL CONSTRUCTION JOINTS AND LOCATE THEM ONLY WHERE SHOWN OR SPECIFICALLY APPROVED BY THE ENGINEER.
- EMBEDDED FLEXIBLE CONDUITS SHALL HAVE OUTSIDE DIAMETERS NOT GREATER THAN ONE-THIRD OF THE DEPTH OF THE EMBEDDING CONCRETE ELEMENT. LOCATE THEM BETWEEN OPPOSING FACE REINFORCEMENT LAYERS WITH A MINIMUM COVER OF 50mm AND SPACED AT CENTRES NOT LESS THAN THREE TIMES THE LARGER CONDUIT DIAMETER AND AT LEAST 50mm CLEAR FROM PARALLEL REINFORCEMENT.
- NO OTHER HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- ALL CONCRETE SUPPLIED SHALL HAVE A SLUMP OF 80+/-15mm AND A MAXIMUM NOMINAL AGGREGATE SIZE OF 20mm UNLESS SPECIFIED OTHERWISE.
- NO ADMIXTURES SHALL BE USED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER EXCEPT IN STANDARD CONTROLLED GRADE CONCRETE. CALCIUM CHLORIDE ADMIXTURES WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
- CONCRETE SAMPLING AND TESTING SHALL BE BY PROJECT ASSESSMENT TO AS 3600 AND AS 1379 UNLESS SPECIFIED OTHERWISE.
- COMPACT ALL CONCRETE DURING PLACEMENT USING MECHANICAL VIBRATORS.
- CURE ALL CONCRETE SURFACES EXPOSED WITHIN 7 DAYS OF INITIAL SET USING A METHOD APPROVED BY AS 3799 OR THE ENGINEER. COMMENCE CURING WITHIN 1 HOUR OF INITIAL SET OR FIRST EXPOSURE AND CONTINUE FOR AT LEAST 7 DAYS AFTER POURING CONCRETE.
- THE PROCEDURES OUTLINED IN THE FOLLOWING DATA SHEETS, "CURING OF CONCRETE", "AVOID EARLY CRACKING" AND "HOT-WEATHER CONCRETING", SHALL BE FOLLOWED TO REDUCE THE RISK OF PLASTIC SHRINKAGE CRACKING.
- CHAMFERS, DRIP GROOVES, REGLETS AND OTHER MINOR CONCRETE SURFACE TREATMENTS SHALL BE AS DETAILED IN THESE DRAWING UNLESS NOTED OTHERWISE. MAINTAIN SPECIFIED COVER TO REINFORCEMENT AT THESE DETAILS.

## FORMWORK NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH AS 3610 AND AS 3600.
- DESIGN AND CERTIFICATION IS REQUIRED FOR FORMWORK AND FALSEWORK PRIOR TO CONSTRUCTION.
- REFER TO THE ARCHITECTURAL SPECIFICATIONS FOR COLOUR CONTROL AND SURFACE CLASS REQUIREMENTS. EXPOSED FORMED SURFACES SHALL HAVE AT LEAST CLASS 3 SURFACE FINISH AND A 20mm CHAMFER UNLESS NOTED OTHERWISE. SURFACES REQUIRING A CLASS 2 FINISH SHALL HAVE FORMS REMOVED AS QUICKLY AS IS PERMITTED BY AS3610 AND SHALL NOT BE EASED PRIOR TO STRIPPING.
- FORMWORK STRIPPING AND BACK PROPPING OF SOFFITS SHALL BE IN ACCORDANCE WITH AS 3610 AND SHALL OCCUR NO SOONER THAN
 

FORMWORK STRIPPING	4 DAYS
REMOVAL OF SHORES OR BACKDROPS	12 DAYS

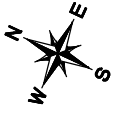
 OR WHEN 25MPa CONCRETE STRENGTH HAS BEEN REACHED. CONCRETE STRENGTH IS TO BE CONFIRMED BY A COMPRESSIVE STRENGTH TEST.

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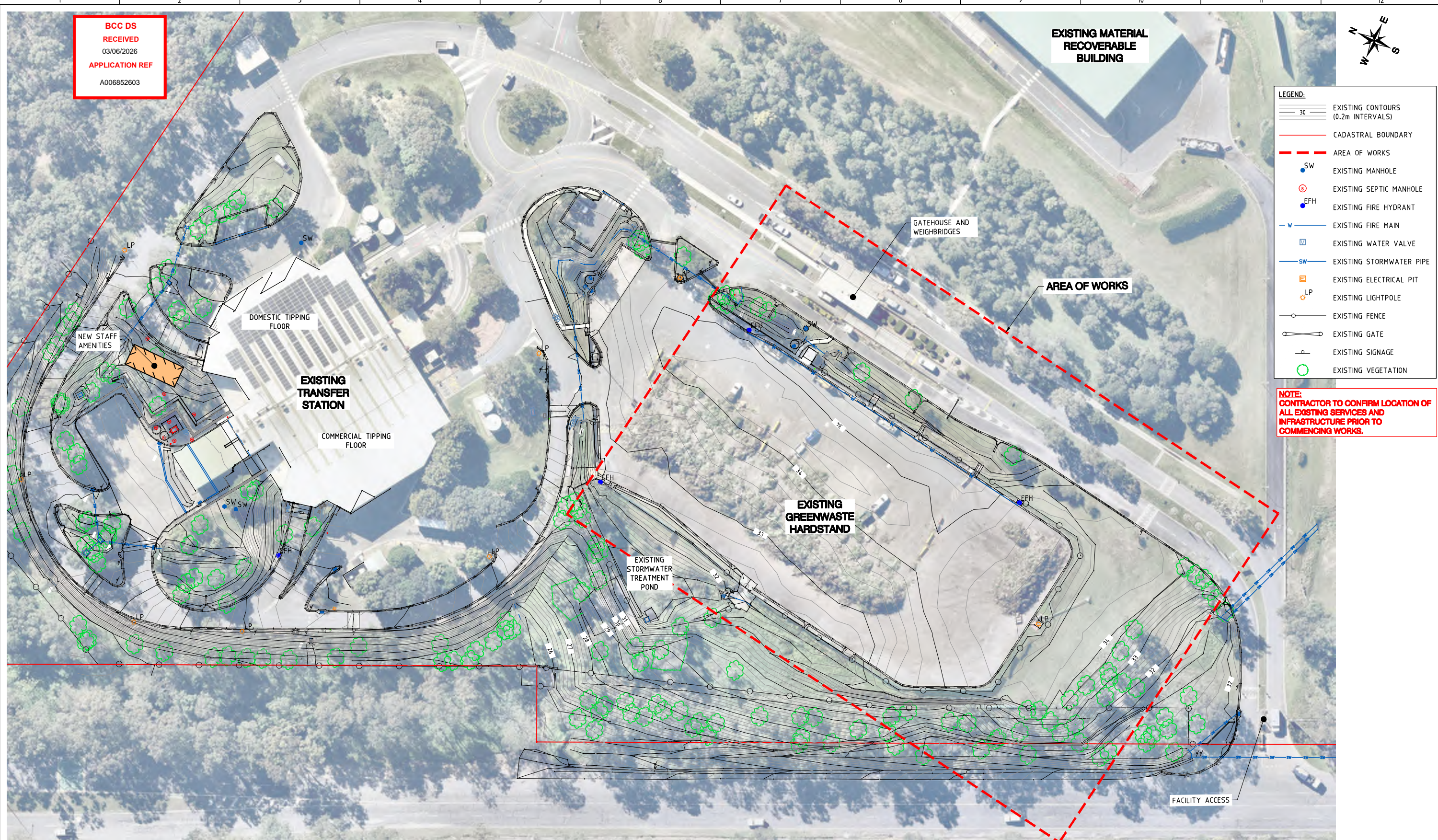


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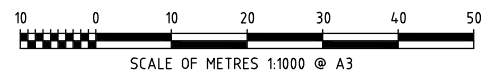


- LEGEND:**
- EXISTING CONTOURS (0.2m INTERVALS)
  - CADASTRAL BOUNDARY
  - AREA OF WORKS
  - EXISTING MANHOLE
  - EXISTING SEPTIC MANHOLE
  - EXISTING FIRE HYDRANT
  - EXISTING FIRE MAIN
  - EXISTING WATER VALVE
  - EXISTING STORMWATER PIPE
  - EXISTING ELECTRICAL PIT
  - EXISTING LIGHTPOLE
  - EXISTING FENCE
  - EXISTING GATE
  - EXISTING SIGNAGE
  - EXISTING VEGETATION

**NOTE:  
CONTRACTOR TO CONFIRM LOCATION OF  
ALL EXISTING SERVICES AND  
INFRASTRUCTURE PRIOR TO  
COMMENCING WORKS.**



**EXISTING SITE LAYOUT PLAN**  
SCALE 1:1,000



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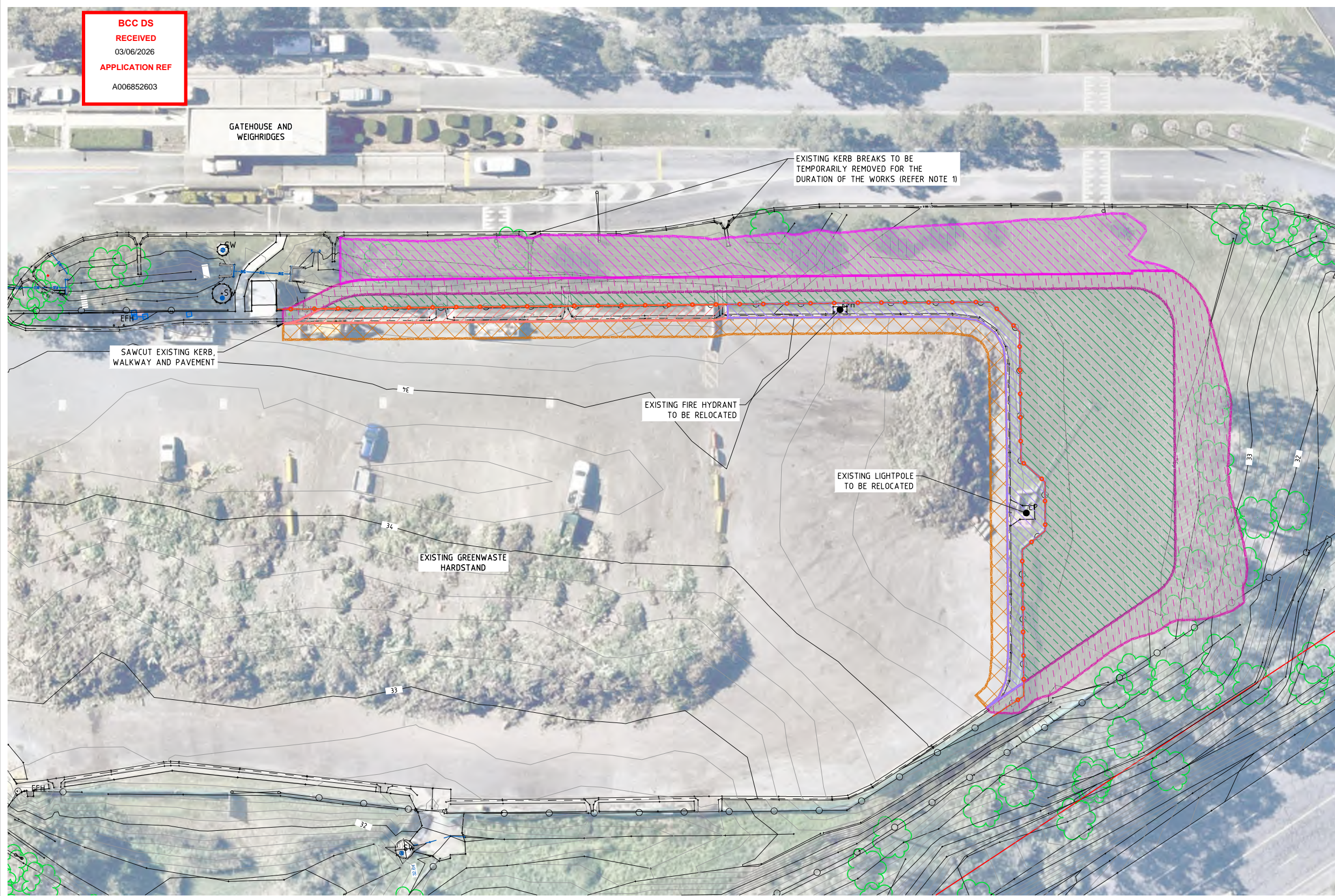
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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

EXISTING SITE LAYOUT PLAN

DWG. No.	240197-200-003
SHEET SIZE	A3 Rev. A
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SHEET 3 OF 11	

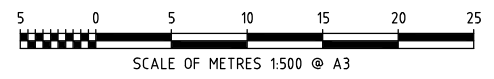
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**NOTE:**  
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REDIRECTING FLOWS AND MAINTAINING THE SITE IN A DRY AND STABLE CONDITION

- LEGEND:**
- EXISTING CONTOURS (0.2m INTERVALS)
  - CADASTRAL BOUNDARY
  - EXISTING MANHOLE
  - EXISTING FIRE HYDRANT
  - EXISTING FENCE
  - EXISTING GATE
  - EXISTING SIGNAGE
  - EXISTING LANDSCAPE TO BE REMOVED TOPSOIL STRIP
  - EXISTING LANDSCAPE TO BE REMOVED FULL DEPTH
  - KERB AND CONCRETE WALKWAY TO BE REMOVED FULL DEPTH
  - KERB AND LANDSCAPING TO BE REMOVED FULL DEPTH
  - PAVEMENT TIE-IN TO EXISTING
  - EXISTING LANDSCAPE TO BE REMOVED TO DRAINAGE STRUCTURE DEPTH
  - EXISTING FENCE TO BE REMOVED

**DEMOLITION PLAN**  
SCALE 1:500



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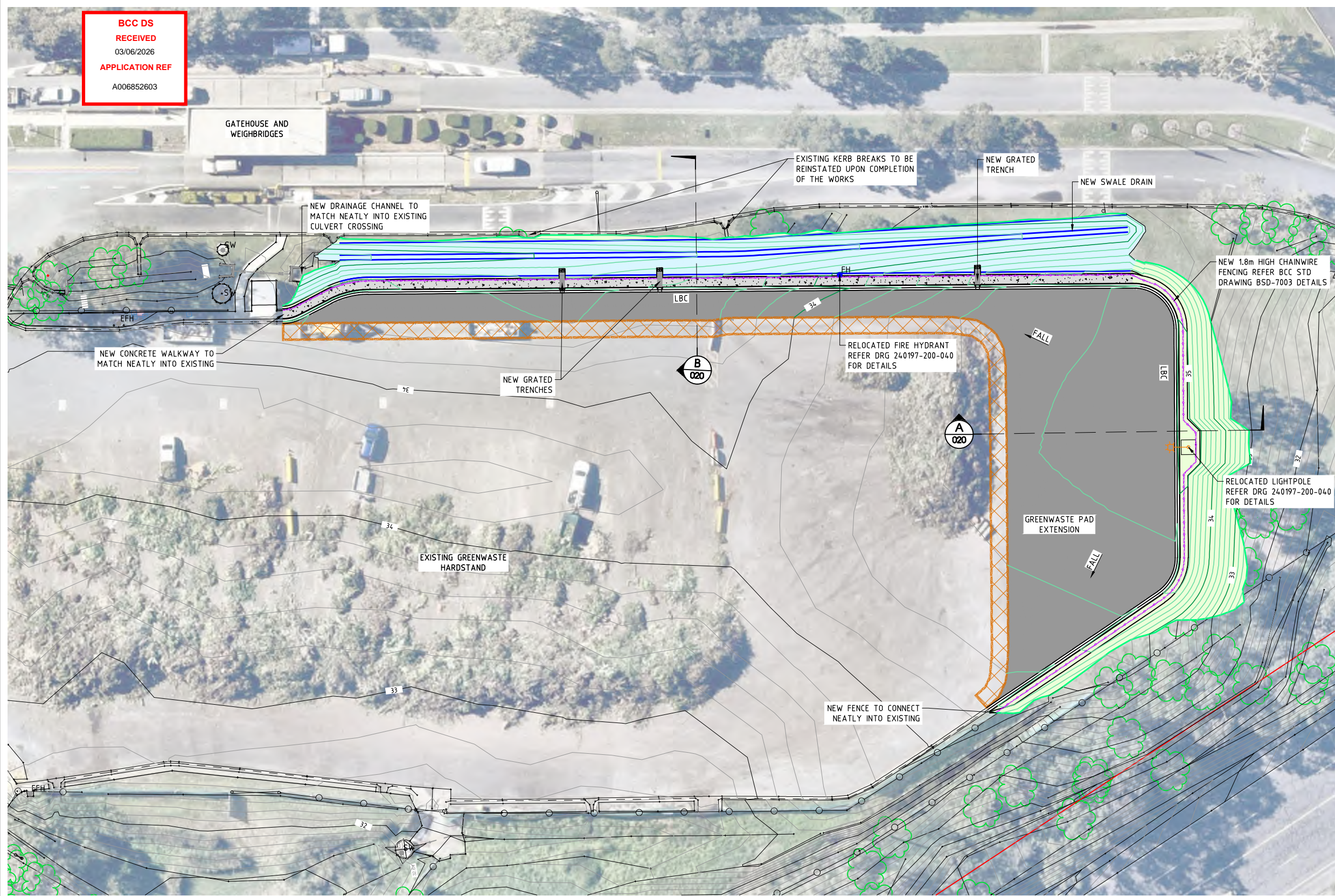
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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

**DEMOLITION PLAN**

DWG. No.	240197-200-004
SHEET SIZE	A3
Rev.	A
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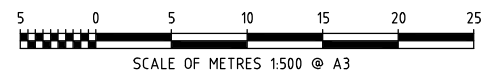
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**ROADWORKS AND DRAINAGE PLAN**  
SCALE 1:500

**LEGEND:**

	EXISTING CONTOURS (0.2m INTERVALS)
	CADASTRAL BOUNDARY
	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING FENCE
	EXISTING GATE
	EXISTING SIGNAGE
	DESIGN CONTOURS (0.2m INTERVALS)
	NEW ROAD PAVEMENT
	NEW LANDSCAPE
	PAVEMENT TIE-IN (EXISTING)
	SWALE DRAIN DESIGN SURFACE
	NEW LAYBACK KERB AND CHANNEL
	NEW LIGHTPOLE
	NEW 1.8m HIGH CHAINWIRE FENCING REFER BCC STD DRAWING BSD-7003 DETAILS
	NEW CONCRETE WALKWAY REFER TYPICAL DETAILS



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SCALE: 1:500  
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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

**ROADWORKS AND DRAINAGE PLAN**

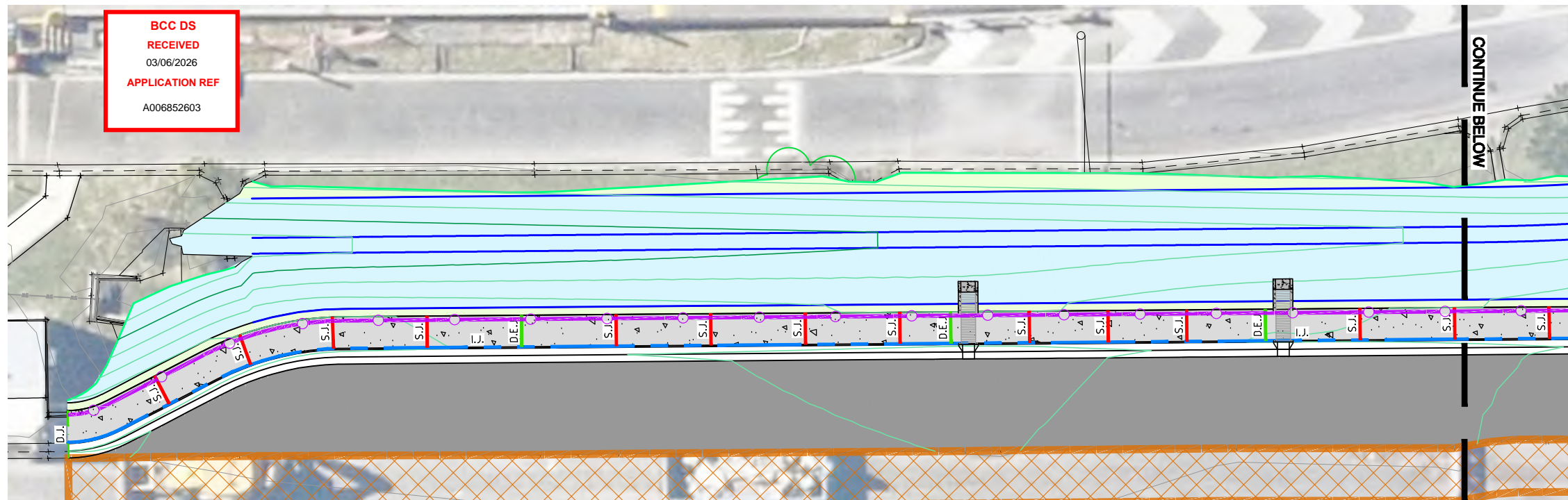
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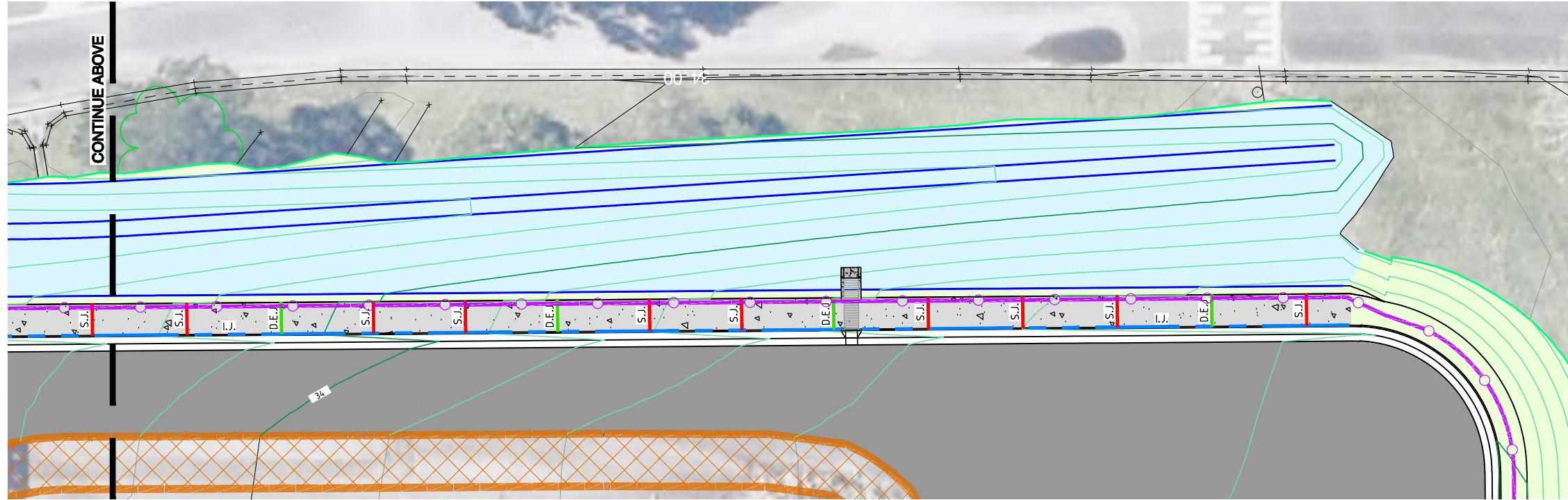
SHEET 5 OF 11

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**FOOTPATH CONCRETE JOINT LAYOUT PLAN**  
 SCALE 1:200

- NOTES:**
- FOR GENERAL CONSTRUCTION NOTES REFER DRG 240197-200-002
  - SAWCUT JOINTS ARE TO BE LOCATED AT 3.6m MAX. SPACING OR AS SHOWN.
  - DOWELED EXPANSION JOINTS ARE TO BE LOCATED AT 18m MAX.
  - FOR JOINT DETAILS REFER DRG 240197-200-021

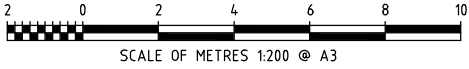


**FOOTPATH CONCRETE JOINT LAYOUT PLAN**  
 SCALE 1:200



**LEGEND:**

	EXISTING CONTOURS (0.2m INTERVALS)
	EXISTING GATE
	EXISTING SIGNAGE
	DESIGN CONTOURS (0.2m INTERVALS)
	NEW ROAD PAVEMENT
	NEW LANDSCAPE
	SWALE DRAIN DESIGN SURFACE
	NEW LAYBACK KERB AND CHANNEL
	NEW CONCRETE WALKWAY REFER TYPICAL DETAILS
	NEW SAWCUT JOINT REFER TYPICAL DETAIL
	NEW DOWELED EXPANSION JOINT REFER TYPICAL DETAILS
	NEW TO EXISTING DOWELED JOINT REFER TYPICAL DETAILS
	NEW ISOLATION JOINT (I.J.) REFER TYPICAL DETAILS AND SECTIONS
	NEW 1.8m HIGH CHAINWIRE FENCING REFER BCC STD DRAWING BSD-7003 DETAILS



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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

**FOOTPATH CONCRETE JOINT LAYOUT PLAN**

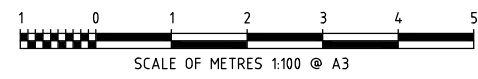
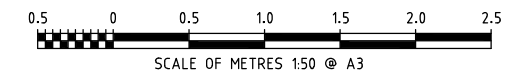
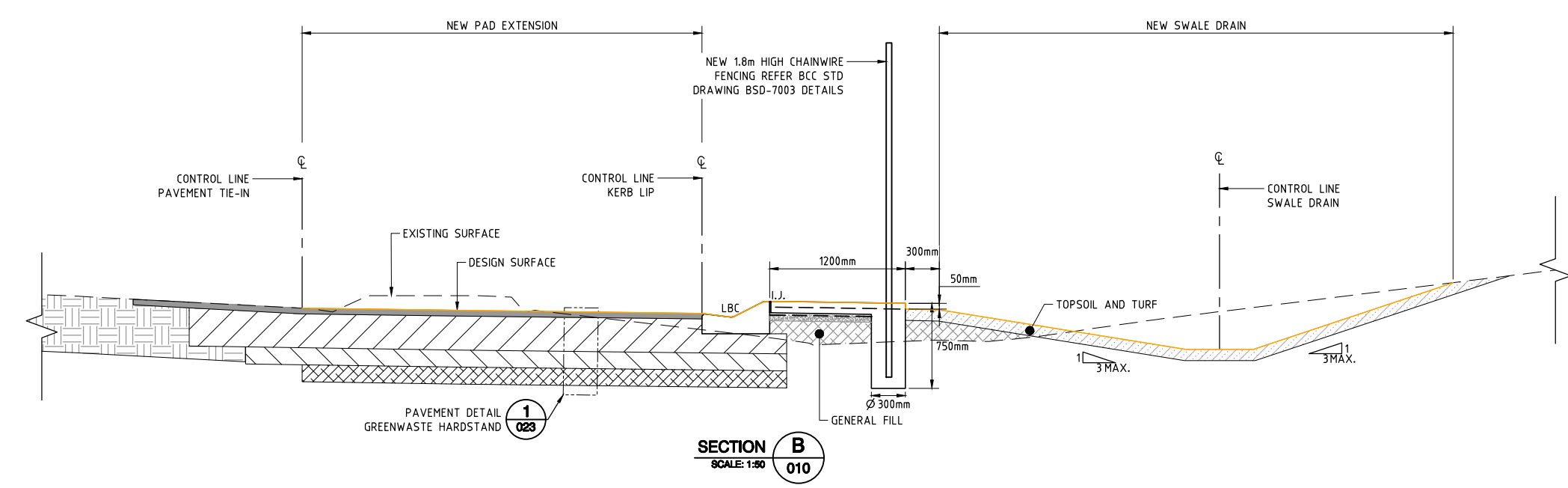
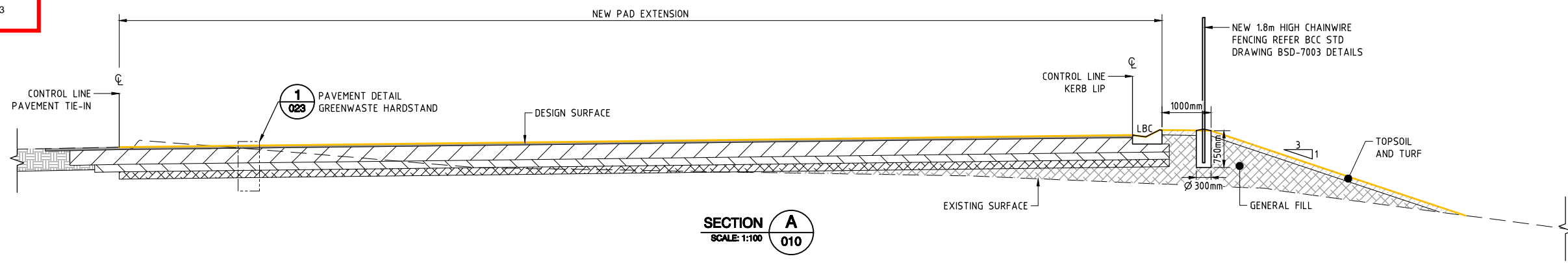
DWG. No. 240197-200-011

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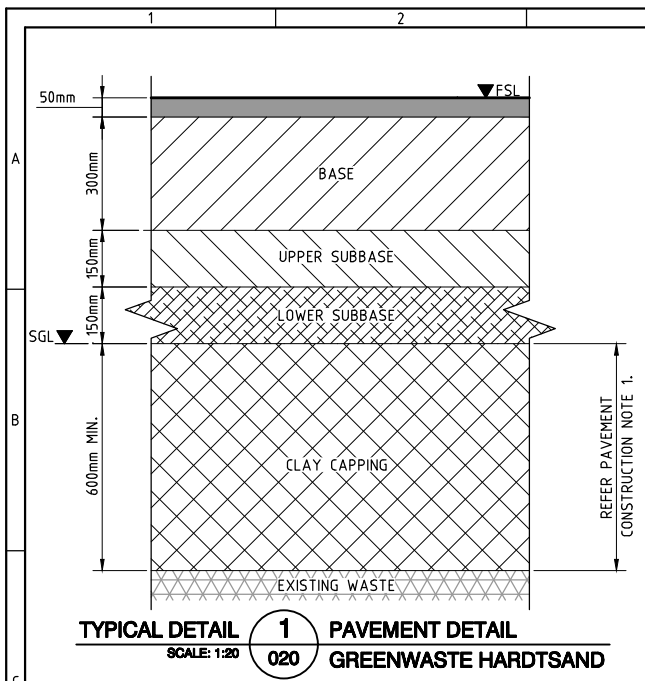
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**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

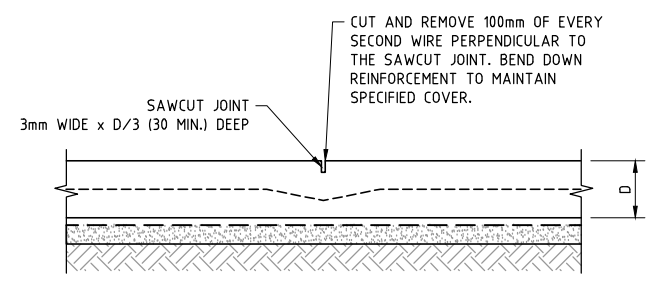
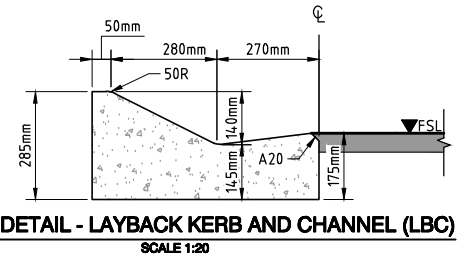
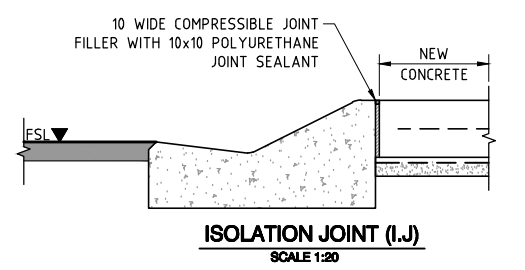
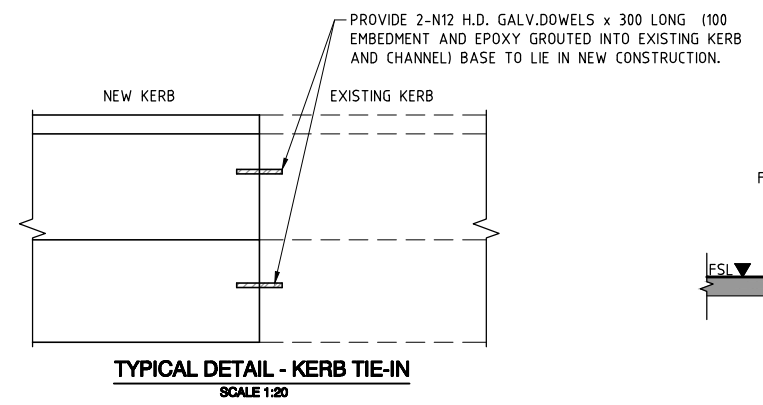
**ROADWORKS AND DRAINAGE SECTIONS**  
**SHEET 1**

DWG. No.	240197-200-020
SHEET SIZE	A3 Rev. A
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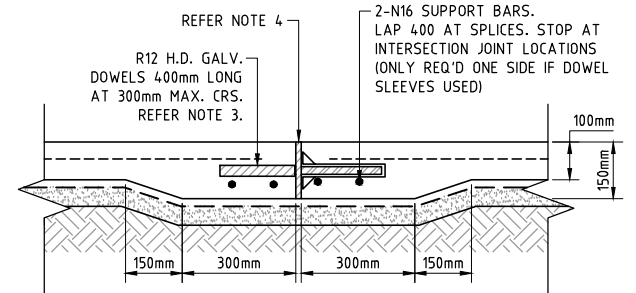
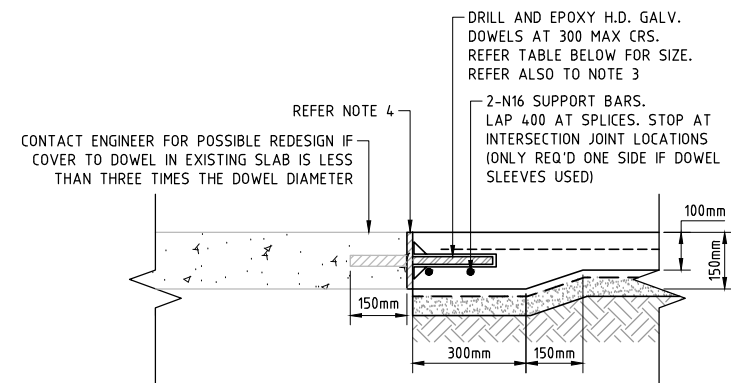
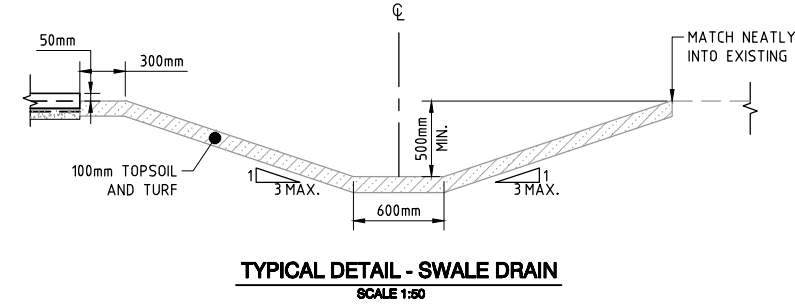
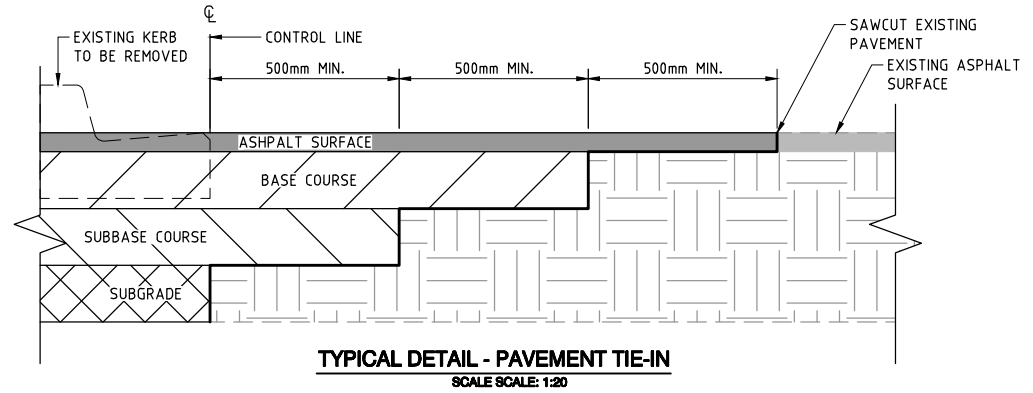
GREENWASTE HARDSAND PAVEMENT SPECIFICATIONS			
LAYER	MATERIAL	THICKNESS (mm)	COMMENTS
WEARING SURFACE	AC14M (A15E)	50	REFER SPECIFICATION
SEAL	10mm C170	-	SINGLE/SINGLE ESTIMATED SPRAY RATE 1.3L/m <sup>2</sup> ESTIMATED SPREAD RATE 120m <sup>2</sup> /m <sup>3</sup>
PRIME	AMCO	-	ESTIMATED SPRAY RATE 1.0L/m <sup>3</sup>
BASE COURSE	TYPE 2.1 UNBOUND GRANULAR MATERIAL	300	REFER SPECIFICATION
UPPER SUBBASE	TYPE 2.3 UNBOUND GRANULAR MATERIAL	150	REFER SPECIFICATION
LOWER SUBBASE	TYPE 2.5 UNBOUND GRANULAR MATERIAL	150 MIN.	REFER SPECIFICATION
CLAY CAPPING	COMPACTED CLAY	600 MIN.	REQUIRED ONLY WHEN IN FILL OR WASTE IS ENCOUNTERED. REFER SPECIFICATION.

- PAVEMENT CONSTRUCTION NOTES:**
- WHERE WASTE IS PRESENT EXCAVATE AND REMOVE WASTE TO 600mm MIN. BELOW PAVEMENT DEPTH AND REPLACE WITH 600mm MIN. COMPACTED CLAY FILL CAPPING TO SUBGRADE LEVEL.
  - SUBGRADE LEVEL TO BE VISUALLY INSPECTED AND PROOF ROLLED TO IDENTIFY ANY AREAS OF UNSUITABLE MATERIAL.
- ALTERNATIVE GREENWASTE HARDSAND PAVEMENT DESIGN MAY BE SUBMITTED TO THE SUPERINTENDENT FOR APPROVAL.



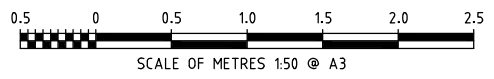
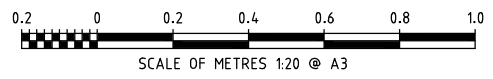
- KERB NOTES:**
- WHERE RELEVANT, LOCATED JOINTS TO LINE UP WITH THE EXPANSION JOINTS IN ADJOINING CONCRETE STRUCTURES SUCH AS FOOTPATHS AND MEDIAN ISLANDS.
  - SAWCUT JOINTS IN KERBS SHALL BE LOCATED AT 6m MAX. SPACINGS. THE JOINT SHALL BE TOOLED 20mm IN DEPTH TO FORM A NEAT GROOVE OF 5mm MIN. IN WIDTH.
  - EXPANSION JOINTS IN KERBS SHALL BE PLACED WHERE KERB AND CHANNEL ABUTS SUBSTANTIAL EXISTING STRUCTURES, 12m MAX. SPACINGS OR WHERE DIRECTED. CONSTRUCT BY INSTALLING 10mm THICK COMPRESSIBLE JOINT FILLER FOR FULL WIDTH AND DEPTH OF KERB. PROVIDE 10x10 POLYURETHANE JOINT SEALANT TO TOP.

- SAWCUT NOTES:**
- SAWCUT TIMING TO SUIT CONCRETE MIX, CONCRETE PLACEMENT TECHNIQUE, ENVIRONMENTAL CONDITIONS AT POURING, CURING AND ABILITY OF SLABS TO SUPPORT SAW CUTTING EQUIPMENT. NOTWITHSTANDING THE ABOVE, ALL SAW CUTTING SHALL BE COMPLETED WITHIN 12 HOURS OF PLACING CONCRETE IF CONVENTIONAL CUTTING IS USED. IF SOFT CUT EQUIPMENT IS USED CUT IN ACCORDANCE WITH OPERATING MANUAL GUIDELINES BUT NO LATER THAN 2 HOURS AFTER PLACEMENT.
  - WHERE SAWCUT CANNOT EXTEND TO FACE OF EXISTING STRUCTURES TROWEL THROUGH WET CONCRETE TO ENSURE NO AGGREGATE CROSSES THE JOINT.



- DOWEL NOTES:**
- GALVANISE DOWELS IN EXTERNAL APPLICATIONS.
  - DOWELS SHALL BE SQUARE CUT (NOT SHEARED) PLACED HORIZONTALLY AND SQUARE TO THE JOINT U.N.O. DOWELS IN SKEWED JOINT MUST BE ALIGNED PARALLEL TO THE DIRECTION OF THE LONGITUDINAL JOINT.
  - PROVIDE 'DENSO' TAPE OR ALTERNATIVELY PROVIDE GREASE AND PVC SLEEVE TO EACH DOWEL ON ONE SIDE OF CONSTRUCTION JOINT. TAPE AND/OR GREASE TO EXTEND 25mm PAST CONCRETE INTERFACE ON NON-SLEEVED SIDE OF JOINT.
  - 10mm WIDE COMPRESSIBLE JOINT FILLER AND 10x10 POLYURETHANE JOINT SEALANT.

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- GALVANISE DOWELS IN EXTERNAL APPLICATIONS.
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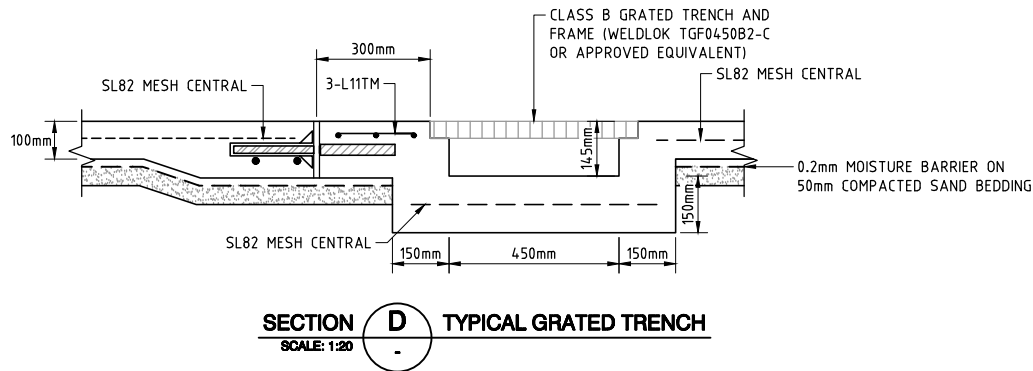
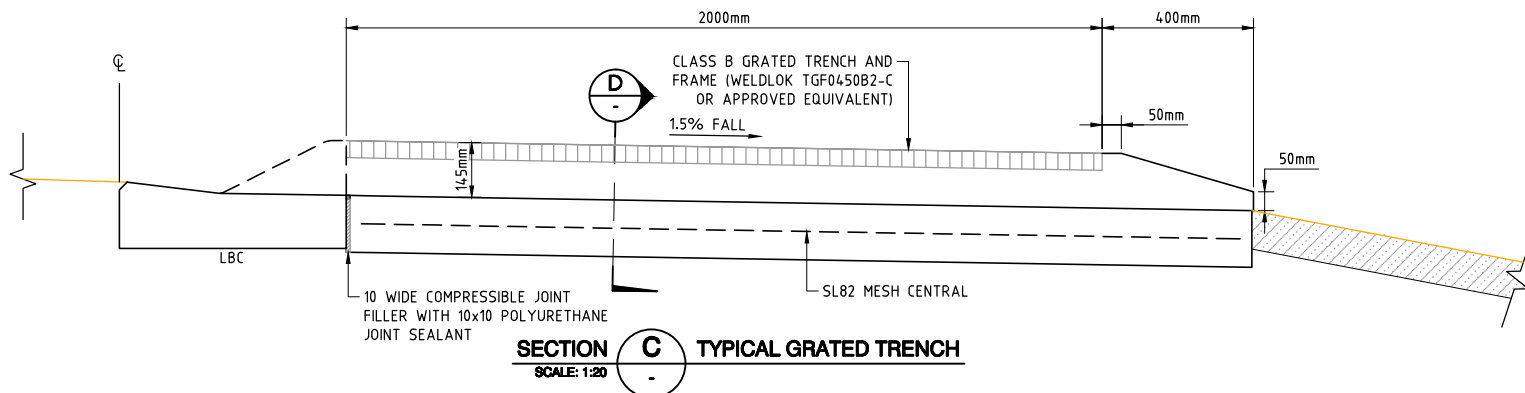
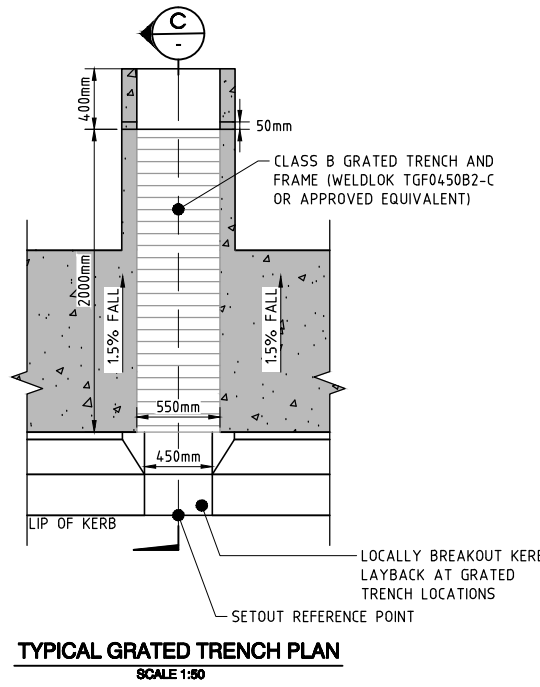
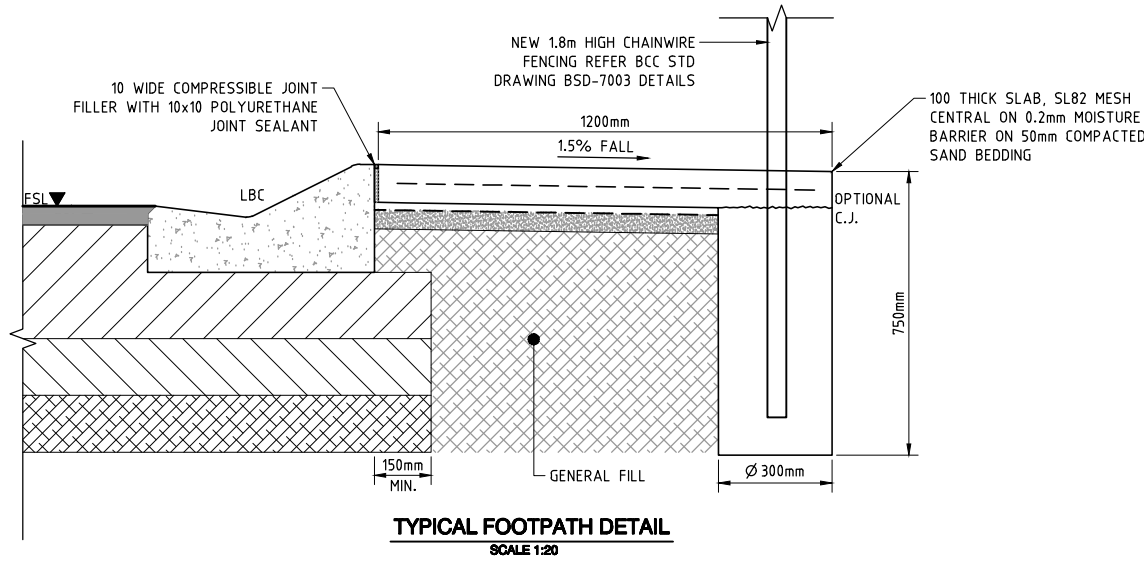
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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

**ROADWORKS AND DRAINAGE DETAILS**  
**SHEET 1**

DWG. No.	240197-200-021
SHEET SIZE	A3 Rev. A
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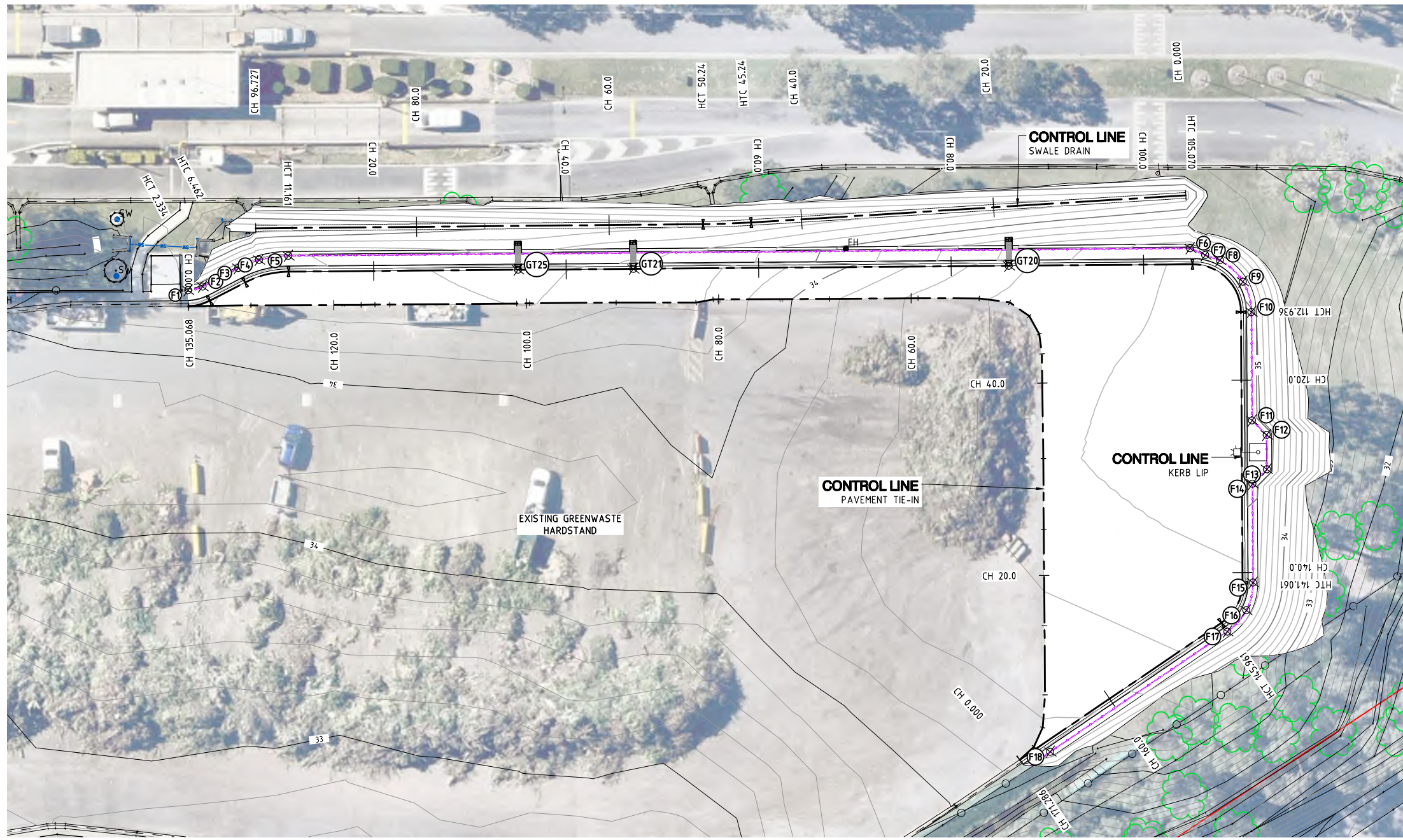
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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

**ROADWORKS AND DRAINAGE DETAILS**  
**SHEET 2**

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SHEET 9 OF 11	



STAGE 01 PAVEMENT TIE-IN CONTROL LINE SETOUTS							
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.LEN
S	0.000	514969.032	6956407.529	34.266	146°21'27.38"	LINE	2.000
DIS	2.000	514970.140	6956405.864	34.341	122°52'09.66"	LINE	2.207
DIS	4.207	514971.994	6956404.666	34.382	102°50'56.93"	LINE	3.395
DIS	7.602	514975.304	6956403.911	34.453	98°18'27.08"	LINE	7.170
DIS	14.773	514982.399	6956402.875	34.545	98°09'41.87"	LINE	10.024
	20.000	514987.573	6956402.133	34.626	98°09'41.87"		
DIS	24.796	514992.321	6956401.452	34.700	98°26'46.98"	LINE	7.353
DIS	32.149	514999.594	6956400.372	34.759	97°51'54.02"	LINE	10.881
	40.000	515007.371	6956399.298	34.716	97°51'54.02"		
DIS	43.030	515010.373	6956398.883	34.699	91°12'59.48"	LINE	2.072
DIS	45.103	515012.445	6956398.839	34.707	69°35'59.99"	LINE	2.149
DIS	47.251	515014.459	6956399.588	34.674	43°38'39.25"	LINE	2.481
DIS	49.732	515016.171	6956401.383	34.647	16°09'36.88"	LINE	3.187
DIS	52.919	515017.058	6956404.444	34.581	8°54'01.54"	LINE	6.354
DIS	59.272	515018.041	695640.721	34.441	8°15'50.07"	LINE	9.205
	60.000	515018.146	6956411.441	34.419	8°15'50.07"		
DIS	68.477	515019.364	6956419.830	34.169	8°25'52.10"	LINE	12.086
	80.000	515021.054	6956431.228	33.666	8°25'52.10"		
DIS	80.563	515021.136	6956431.785	33.641	358°24'41.42"	LINE	1.804
DIS	82.366	515021.086	6956433.588	33.561	8°40'10.53"	LINE	8.306
DIS	90.672	515022.338	6956441.799	33.572	8°09'48.67"	LINE	8.972
DIS	99.644	515023.612	6956450.680	33.384	7°43'44.17"	LINE	1.353
	100.000	515023.660	6956451.033	33.386	7°43'44.17"		
DIS	100.997	515023.794	6956452.021	33.393	8°15'13.00"	LINE	13.187
DIS	114.184	515025.687	6956465.071	33.474	8°13'47.35"	LINE	1.544
DIS	115.728	515025.908	6956466.599	33.481	7°31'07.06"	LINE	1.444
DIS	117.172	515026.097	6956468.031	33.475	8°28'39.25"	LINE	11.450
	120.000	515026.514	6956470.828	33.493	8°28'39.25"		
DIS	128.622	515027.785	6956479.356	33.548	8°00'59.96"	LINE	6.446
E	135.068	515028.684	6956485.739	33.629	8°00'59.96"		

**CONTROL LINE SETOUT PLAN**  
SCALE 1:500

STAGE 01 GREENWASTE PAD KERB LIP CONTROL LINE SETOUTS								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	515028.692	6956485.798	33.630	161°18'22.99"	ARC	-5.000	2.334
CT	2.334	515028.907	6956483.496	33.609	161°18'22.99"	LINE		4.128
TC	6.462	515030.230	6956479.585	33.573	161°18'22.99"	ARC	10.000	4.699
CT	11.161	515030.655	6956474.949	33.531	188°13'45.00"	LINE		93.909
	20.000	515029.389	6956466.200	33.453	188°13'45.00"			
	40.000	515026.527	6956446.406	33.394	188°13'45.00"			
	60.000	515023.664	6956426.612	33.707	188°13'45.00"			
	80.000	515020.801	6956406.818	34.343	188°13'45.00"			
	100.000	515017.939	6956387.024	34.776	188°13'45.00"			
TC	105.070	515017.213	6956382.007	34.827	188°13'45.00"	ARC	5.000	7.867
CT	112.936	515011.537	6956377.776	34.905	278°22'24.45"	LINE		28.125
	120.000	515004.548	6956378.804	34.976	278°22'24.45"			
	140.000	514984.761	6956381.717	34.784	278°22'24.45"			
TC	141.061	514983.712	6956381.871	34.767	278°22'24.45"	ARC	5.000	4.900
CT	145.961	514979.926	6956384.667	34.687	334°31'16.41"	LINE		25.325
	160.000	514973.887	6956397.341	34.458	334°31'16.41"			
E	171.286	514969.032	6956407.529	34.266	334°31'16.41"			

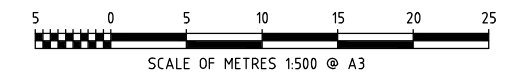
GRATED TRENCH SETOUTS		
POINT ID	EASTING	NORTHING
GT20	515,019.94	6,956,400.88
GT21	515,025.53	6,956,439.50
GT25	515,027.24	6,956,451.35

FENCE SETOUTS		
POINT ID	EASTING	NORTHING
F1	515,030.33	6,956,485.57
F2	515,030.47	6,956,484.02
F3	515,031.81	6,956,480.07
F4	515,032.32	6,956,477.80
F5	515,032.29	6,956,474.71
F6	515,018.89	6,956,381.99
F7	515,017.95	6,956,380.55
F8	515,017.19	6,956,379.13
F9	515,014.63	6,956,377.10

FENCE SETOUTS		
POINT ID	EASTING	NORTHING
F10	515,011.38	6,956,376.69
F11	515,000.23	6,956,378.33
F12	514,998.52	6,956,377.06
F13	514,994.98	6,956,377.59
F14	514,993.71	6,956,379.29
F15	514,983.55	6,956,380.78
F16	514,980.82	6,956,381.91
F17	514,978.93	6,956,384.19
F18	514,969.36	6,956,404.27

STAGE 01 SWALE DRAIN CONTROL LINE SETOUTS								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	515024.398	6956381.611	33.729	5°07'38.44"	LINE		45.244
	20.000	515026.185	6956401.531	33.529	5°07'38.44"			
	40.000	515027.973	6956421.451	33.329	5°07'38.44"			
TC	45.244	515028.441	6956426.674	33.277	5°07'38.44"	ARC	94.176	5.000
CT	50.244	515029.020	6956431.640	33.227	8°10'09.52"	LINE		46.483
	60.000	515030.406	6956441.297	33.129	8°10'09.52"			
	80.000	515033.248	6956461.094	32.929	8°10'09.52"			
E	96.727	515035.625	6956477.651	32.762	8°10'09.52"			

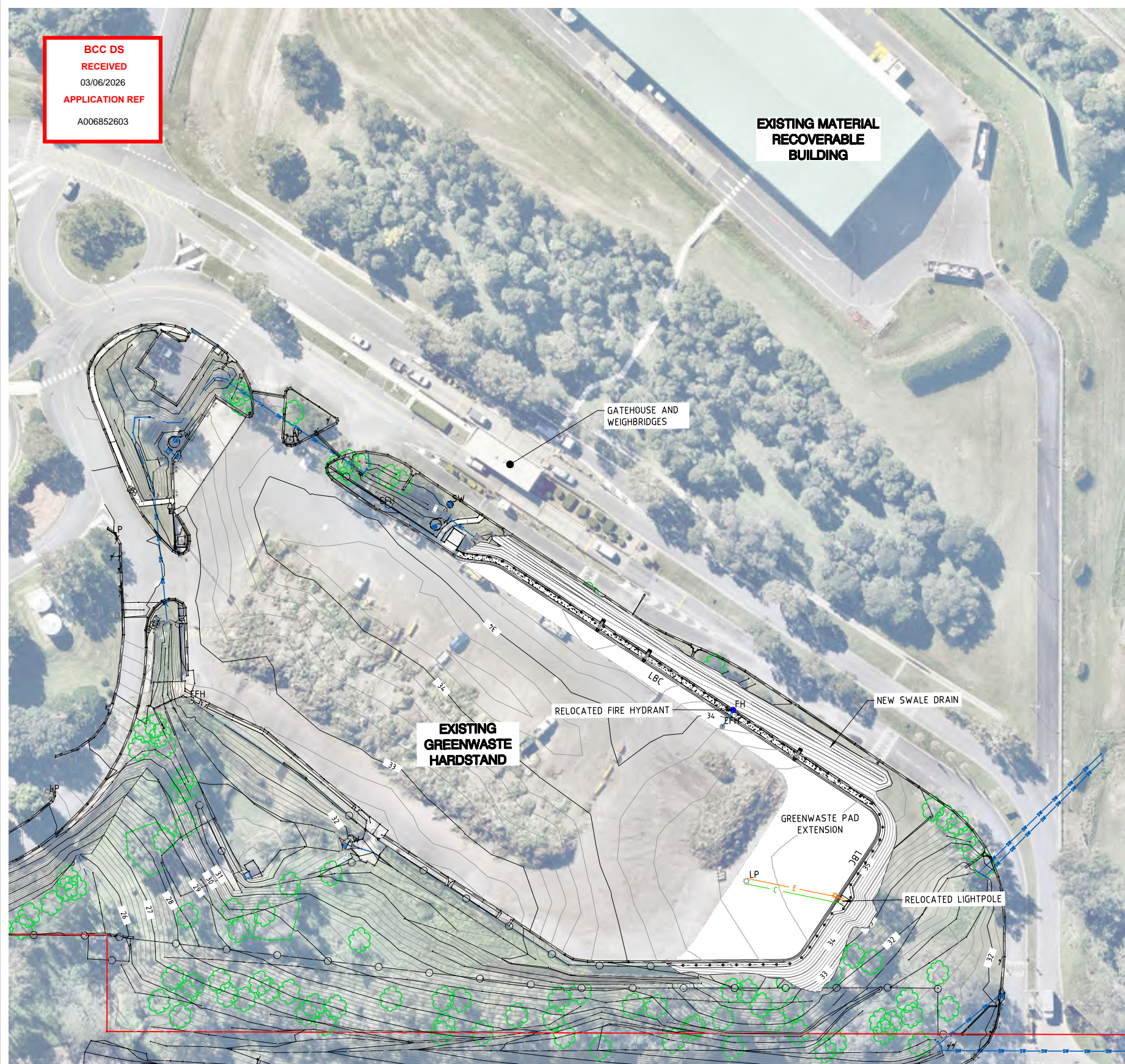
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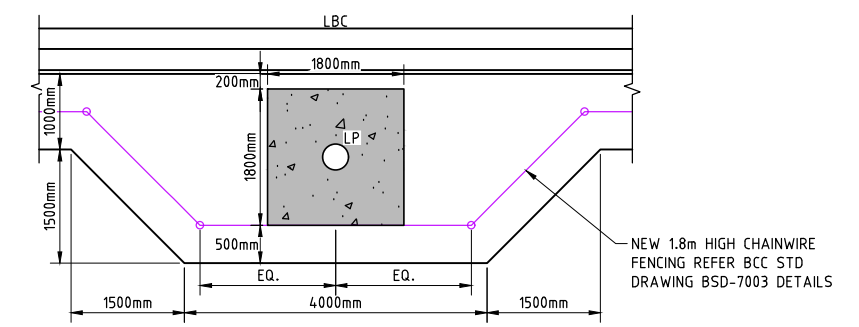
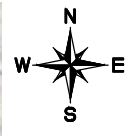
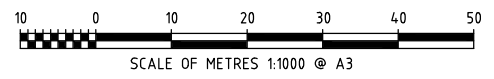
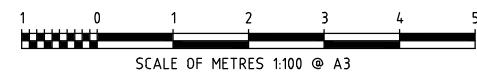
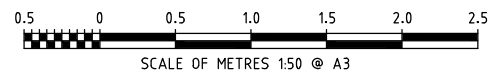
**ISSUED FOR TENDER**  
NOT FOR CONSTRUCTION

<p><b>SCALE: 1:500</b></p> <p>JOB No. 240197 DATE JUN. 2025 DESIGN BH DRAWN RF CHECKED BP APPROVED ER</p>		<p>A.B.N. 64 005 931 288 www.atcwilliams.com.au</p> <p><b>ATC WILLIAMS</b> TAILINGS . WATER . WASTE .</p> <p>brisbane@atcwilliams.com.au</p>		<p><b>BRISBANE CITY COUNCIL</b> CHANDLER GREEN WASTE EXPANSION - STAGE 1</p> <p><b>CONTROL LINE SETOUT PLAN</b></p>				<p>DWG. No. 240197-200-030</p> <p>SHEET SIZE A3 Rev. A</p> <p>Conditions of Use: This drawing document may only be used with permission from ATC Williams Pty. Ltd. for the purpose for which it was prepared and must NOT be used by any other person or for any other purpose.</p> <p>SHEET 10 OF 11</p>	
<p><b>ISSUED FOR TENDER</b></p>		<p>22/08/25 REF BP ER</p>		<p>BRISBANE T +61 7 3352 7222</p>		<p>Printed on: Thursday, 21 August 2025 05:20:45 PM By: Reid Felise</p>			

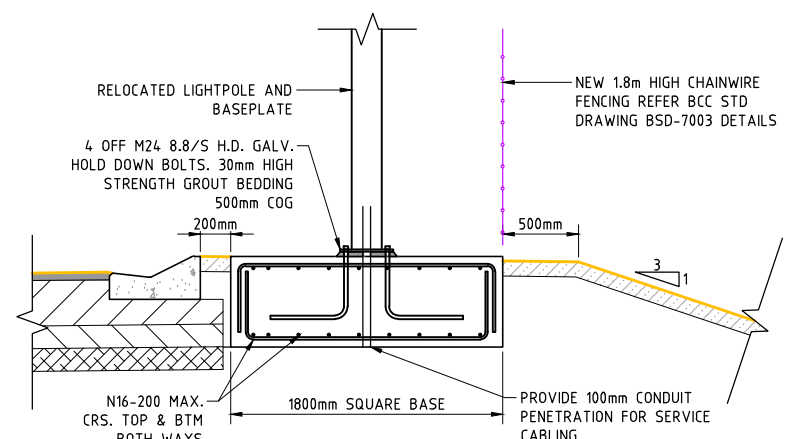
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**APPLICATION REF**  
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**SERVICES CO-ORDINATION PLAN**  
SCALE 1:1,000



**TYPICAL LIGHT POLE PLAN**  
SCALE 1:100



**TYPICAL LIGHT POLE FOUNDATION DETAIL**  
SCALE 1:50

**LEGEND:**

- EXISTING CONTOURS (0.2m INTERVALS)
- CADASTRAL BOUNDARY
- EXISTING MANHOLE
- EXISTING SEPTIC MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING FIRE MAIN
- EXISTING WATER VALVE
- EXISTING STORMWATER PIPE
- EXISTING ELECTRICAL PIT
- EXISTING LIGHTPOLE
- EXISTING FENCE
- EXISTING GATE
- EXISTING SIGNAGE
- DESIGN CONTOURS (0.2m INTERVALS)
- NEW LAYBACK KERB AND CHANNEL
- NEW LIGHTPOLE
- NEW 1.8m HIGH CHAINWIRE FENCING REFER BCC STD DRAWING BSD-7003 DETAILS
- NEW FIRE HYDRANT
- NEW ELECTRICAL LINE
- NEW COMMUNICATIONS LINE
- NEW FIRE MAIN

**NOTE:**  
1. REFER TO DMA DESIGN DRAWINGS FOR ALL SERVICE CONNECTIONS AND DETAILS

**NOTE:**  
CONTRACTOR TO CONFIRM LOCATION OF ALL EXISTING SERVICES AND INFRASTRUCTURE PRIOR TO COMMENCING WORKS.

**ISSUED FOR TENDER**  
NOT FOR CONSTRUCTION

A ISSUED FOR TENDER		22/08/26	REF	BP	ER	APPROVED	ER
No.	DESCRIPTION	DATE	DRAWN	CHECKD	APPRD		

SCALE: 1:1,000  
 JOB No. 240197  
 DATE JUN. 2025  
 DESIGN BT  
 DRAWN REF  
 CHECKED BP  
 APPROVED ER

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**BRISBANE CITY COUNCIL**  
**CHANDLER GREEN WASTE EXPANSION - STAGE 1**

**SERVICES COORDINATION PLAN**

DWG. No. 240197-200-040

SHEET SIZE A3 Rev. A

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SHEET 11 OF 11