

# WILTON JUNCTION PUBLIC SCHOOL

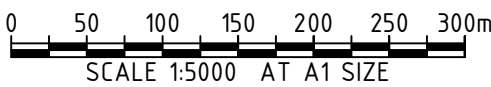
LGA: WOLLONDILLY SHIRE COUNCIL  
ISSUED FOR DEVELOPMENT APPROVAL



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LOCALITY PLAN  
SCALE 1:5000



REVISIONS				REVISIONS			
REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	28.02.2025	ISSUED FOR TENDER	SH				
B	21.02.2025	ISSUED FOR INFORMATION	SH				
A	31.01.2025	ISSUED FOR INFORMATION	SH				



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Level 11, 88 Phillip Street  
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WILTON JUNCTION  
PUBLIC SCHOOL

STATUS			
ISSUED FOR TENDER NOT TO BE USED FOR CONSTRUCTION			
DRAWN JC	DESIGNED SM	CHECKED SH	APPROVED
DATUM AHD	GRID GDA2020 MGA-56	SCALE 1:5000	AT A1 SIZE

TITLE		
COVER SHEET, LOCALITY PLAN AND DRAWING INDEX		
PROJECT No. S21306	DRAWING No. CI-0000	REV. C



3. TECHNICAL SPECIFICATIONS OR SPECIFIC INSTRUCTIONS ON DRAWINGS TAKE PRECEDENCE OVER THESE NOTES.
2. DO NOT DEPART FROM THE DESIGN UNLESS AUTHORISED IN WRITING BY THE DESIGN ENGINEER
3. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH ANY OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. CONSTRUCTION FROM THESE DRAWINGS, AND THEIR ASSOCIATED CONSULTANTS' DRAWINGS IS NOT TO COMMENCE UNTIL APPROVED BY THE RELEVANT AUTHORITIES.
4. REFER TO ALL NOTES ON THESE DRAWINGS AND PREVIOUSLY MENTIONED DOCUMENTATION BEFORE BEGINNING CIVIL WORKS.
5. ALL MATERIALS AND WORKSMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT SPECIFIED STANDARDS AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT APPROVAL AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION AND/OR DRAWINGS.
6. THE RELEVANT AUTHORITIES OCCUPATIONAL HEALTH AND SAFETY PRACTICES MUST BE COMPLIED WITH.
7. ALL DIMENSIONS AND LEVELS SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR ON SITE. CIVIL DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND SETOUT. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
8. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE IN METRES (m) AND ALL LEVELS ARE IN METRES (m) TO AUSTRALIAN HEIGHT DATUM (AHD).
9. GRADES TO PAVEMENTS TO BE AS IMPLIED BY RL'S ON CIVIL GRADING PLAN DRAWINGS. GRADE EVENLY BETWEEN NOMINATED RL'S. AREAS EXHIBITING PONDING GREATER THAN 5mm DEPTH WILL NOT BE ACCEPTED/ UNLESS IN A DESIGNATED SAG POINT.
10. IF THERE IS DOUBT REGARDING THE CIVIL DESIGN, CONTACT THE ENGINEER FOR CLARIFICATION.
11. ALL ABBREVIATIONS ARE AS FOLLOWS:

EGE	EXISTING FLOOR LEVEL
FFL	FINISHED FLOOR LEVEL
RL	REDUCED LEVEL
E	EASTING COORDINATE
N	NORTHING COORDINATE
AHD	AUSTRALIAN HEIGHT DATUM
U.N.O.	UNLESS NOTED OTHERWISE
uPVC	UNPLASTICISED POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
VCP	VITRIFIED CLAY PIPE
FR	FIBRE REINFORCED COMPOSITE
F##	FINISHED SURFACE LEVEL
K&G	KERB AND GUTTER
KO	KERB ONLY
NFK	NOMINAL FACE OF KERB
FK	FLUSH KERB
TOK	TOP OF KERB
BOK	BACK OF KERB
DD	DISH DRAIN
MK	MOUNTABLE KERB
MIK	MOUNTABLE INTEGRAL KERB
IK	INTEGRAL KERB
IL	INVERT LEVEL
OL	OBVERT LEVEL
GD	GRATED DRAIN
TWL	TOP WATER LEVEL
GALV.	GALVANISED
TE	THICKENED EDGE
FP	FLUSHING POINT
DP	DOWN PIPE
RW#	RETAINING WALL
IJ	ISOLATION JOINT
DEJ	DOWELLED EXPANSION JOINT
SJ	SAWN JOINT
KJ	KEYED JOINT
WPJ	TROWELED WEAKENED PLANE JOINT
EJ	EXPANSION JOINT
TW	TOP OF WALL LEVEL
BW	BOTTOM OF WALL LEVEL

1. THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN DERIVED FROM SURVEY INFORMATION SUPPLIED FROM:  
PREMISE  
P.O. BOX 473  
NARELLAN, NSW 2567  
[www.premise.com.au](http://www.premise.com.au)  
02 4632 6500
2. THE FOLLOWING SURVEY INFORMATION HAS BEEN TAKEN DIRECTLY FROM ORIGINAL SURVEY DOCUMENTS.

ORIGIN OF LEVELS	GDA2020 MGA56
DATUM	AHD
ADOPTED VALUE	R.L 173.77
SURVEY DATE	29/03/22
REFERENCE	322017
3. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. BG&E PTY LTD DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASED OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.
4. SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT BG&E PTY LTD.
5. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
6. BENCHMARK, SURVEY PEGS, LEVEL PEGS OR SUPPLEMENTARY REFERENCE MARKS SHALL NOT BE ADJUSTED OR MOVED WITHOUT WRITTEN APPROVAL FROM THE SUPERINTENDENT. THE CONTRACTOR SHALL TRANSFER ANY PEGS AFFECTED BY THE PROPOSED WORKS TO SITE POSITIONS CLEAR OF OPERATIONS AND SHALL NOTE THE EXTENT OF THE MOVEMENT IN DISTANCE AND LEVEL.

1. THE CONTRACTOR MUST CONFIRM THE EXACT LOCATION AND EXTENT OF EXISTING SERVICES PRIOR TO CONSTRUCTION AND NOTIFY ANY CONFLICT WITH THE DRAWINGS IMMEDIATELY TO THE ENGINEER/SUPERINTENDENT.
2. EXISTING SERVICES UNLESS SHOWN ON SURVEY PLAN HAVE BEEN PLOTTED FROM SERVICES SEARCH PLANS AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE A 'DIAL BEFORE YOU DIG' SEARCH AND TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER/SUPERINTENDENT. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.
4. THE CONTRACTOR HAS A DUTY OF CARE WHEN EXCAVATING NEAR SERVICES. DO NOT ASSUME DEPTHS OR ALIGNMENTS OF CABLES OR PLANT AS THESE MAY VARY SIGNIFICANTLY. THE CONTRACTOR MUST ACCEPT ALL RESPONSIBILITY TO DAMAGES TO EXISTING SERVICES AS SERVICE AUTHORITIES MAY SEEK COMPENSATION FOR DAMAGES CAUSED TO THEIR PROPERTY AND SUBSEQUENT LOSSES CAUSED.
5. THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION AND REMOVAL OR RELOCATION (IF REQUIRED) TO RELEVANT AUTHORITIES GUIDELINES OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA OR AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE ENGINEER/SUPERINTENDENT.
6. INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO SURROUNDING ALLOTMENTS. CONTRACTOR TO GAIN APPROVAL FROM THE RELEVANT AUTHORITIES FOR TIME OF INTERRUPTION.
7. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN SUPPLY TO EXISTING BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF ANY RELEVANT AUTHORITIES. ONCE DIVERSION IS COMPLETE AND COMMISSIONED, THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE RELEVANT AUTHORITY/SUPERINTENDENT.

8. EXISTING SERVICES, BUILDINGS, EXTERNAL STRUCTURES AND TREES SHOWN ON THESE DRAWINGS ARE EXISTING FEATURES PRIOR TO ANY DEMOLITION WORKS.
9. ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS, BRICK PAVING AND CONSTRUCTION TRAFFIC MANEUVERING AREAS SHALL BE PROTECTED TO RELEVANT AUTHORITIES GUIDELINES.
10. ALL EXISTING SERVICE UTILITIES COVERS AND GRATES ARE TO BE ADJUSTED (TO RELEVANT AUTHORITY GUIDELINES) TO SUIT NEW FINISHED SURFACE LEVELS WHERE APPLICABLE.
11. IF EXISTING SERVICE UTILITY COVERS AND GRATES OR SURROUNDING SURFACE LEVELS ARE TO BE LOWERED, THE CONTRACTOR IS TO MAKE CERTAIN THAT MINIMUM COVERS (TO RELEVANT SERVICE AUTHORITY GUIDELINES) TO SERVICES ARE MAINTAINED. IF MINIMUM COVERS AREN'T MAINTAINED THE CONTRACTOR IS TO LOWER OR PROTECT SERVICES TO THE SATISFACTION OF THE RELEVANT SERVICE AUTHORITY/SUPERINTENDENT.

## EROSION AND SEDIMENT CONTROL

1. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED, PLACED AND MAINTAINED IN ACCORDANCE WITH RELEVANT AUTHORITY GUIDELINES AND ANY DETAILS SHOWN ON THESE DRAWINGS.
2. ALL PERIMETER AND SILTATION CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN EARTHWORKS AND/OR CLEARING.
3. THE EROSION AND SEDIMENT CONTROL PLAN MAY REQUIRE FUTURE ADJUSTMENTS TO REFLECT CONSTRUCTION STAGING. IT IS THE CONTRACTORS RESPONSIBILITY TO PREPARE THEIR OWN EROSION AND SEDIMENT CONTROL PLAN WHICH SUITS THE DESIGNED CONSTRUCTION STAGING.
4. FILTRATION BUFFER ZONES ARE TO BE FENCED OFF AND ACCESS PROHIBITED ALL PLANT AND MACHINERY.
5. ALL SEDIMENT TRAPPING STRUCTURES AND DEVICES ARE TO BE INSPECTED AFTER STORMS FOR STRUCTURAL DAMAGE OR CLOGGING. DAMAGED SEDIMENT TRAPPING STRUCTURES ARE TO BE REPAIRED AND ANY TRAPPED MATERIAL IS TO BE REMOVED TO A SAFE LOCATION.
6. ALL TOPSOIL IS TO BE STOCKPILED ON SITE (AWAY FROM TREES AND DRAINAGE LINES) IN ACCORDANCE WITH DETAILS PROVIDED AND WITH RELEVANT AUTHORITY GUIDELINES. MEASURES SHALL BE APPLIED TO PREVENT EROSION THE STOCKPILES.

1. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED, PLACED AND MAINTAINED IN ACCORDANCE WITH RELEVANT AUTHORITY GUIDELINES AND ANY DETAILS SHOWN ON THESE DRAWINGS.
2. ALL PERIMETER AND SILTATION CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN EARTHWORKS AND/OR CLEARING.
3. THE EROSION AND SEDIMENT CONTROL PLAN MAY REQUIRE FUTURE ADJUSTMENT TO REFLECT CONSTRUCTION STAGING; IT IS THE CONTRACTORS RESPONSIBILITY TO PREPARE THEIR OWN EROSION AND SEDIMENT CONTROL PLAN WHICH SUITS THE DESIGNED CONSTRUCTION STAGING.
4. FILTRATION BUFFER ZONES ARE TO BE FENCED OFF AND ACCESS PROHIBITED TO ALL PLANT AND MACHINERY.
5. ALL SEDIMENT TRAPPING STRUCTURES AND DEVICES ARE TO BE INSPECTED AFTER STORMS FOR STRUCTURAL DAMAGE OR CLOGGING. DAMAGED SEDIMENT TRAPPING STRUCTURES ARE TO BE REPAIRED AND ANY TRAPPED MATERIAL IS TO BE REMOVED TO A SAFE LOCATION.
6. ALL TOPSOIL IS TO BE STOCKPILED ON SITE (AWAY FROM TREES AND DRAINAGE LINES) IN ACCORDANCE WITH DETAILS PROVIDED AND WITH RELEVANT AUTHORITY GUIDELINES. MEASURES SHALL BE APPLIED TO PREVENT EROSION OF THE STOCKPILES.
7. ALL EARTHWORK AREAS SHALL BE ROLLED EACH EVENING TO SEAL THE EARTHWORKS. DUST SUPPRESSION SHALL BE CARRIED OUT IN ACCORDANCE WITH RELEVANT AUTHORITIES GUIDELINES.
8. UPON COMPLETION OF ALL EARTHWORKS OR AS DIRECTED BY RELEVANT AUTHORITY, SOIL CONSERVATION TREATMENTS SHALL BE APPLIED SO AS TO RENDER AREAS THAT HAVE BEEN DISTURBED, EROSION PROOF WITHIN 14 DAYS.
9. ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND STRAW MULCHED WITHIN 14 DAYS OF COMPLETION OF FORMATION U.N.O. BY LANDSCAPE ARCHITECTS.
10. EROSION AND SILT PROTECTION MEASURES ARE TO BE MAINTAINED AT ALL TIMES.
11. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ENTRY/EXIT AS PER DETAILS PROVIDED OR IN ACCORDANCE WITH AUTHORITY GUIDELINES.
12. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING SITE TO LIMIT SEDIMENT TRACKING TO ROADWAYS.

1. THE EXPOSED SUBGRADE (I.E. THE LOWER COURSE OF PAVEMENT BELOW THE SUB-BASE) AFTER STRIPPING AND/OR EXCAVATION SHALL BE PROOF ROLLED USING NOT FEWER THAN 5 PASSES WITH A 10 TONNE DEAD WEIGHT STEEL SMOOTH-DRUM ROLLER UNDER THE SUPERVISION OF AN EXPERIENCED GEOTECHNICAL ENGINEER. ANY AREAS EXHIBITING EXCESSIVE DEFLECTION/MOVEMENT UNDER ROLLER SHALL BE REMOVED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER TO A MINIMUM DEPTH OF 500mm AND THEN BACKFILLED WITH APPROVED ENGINEERED FILL TO MEET THE DESIGN SUBGRADE LEVEL.
2. ENGINEERED FILL TO BE PLACED IN LAYERS NOT EXCEEDING 250mm LOOSE THICKNESS AND COMPACTED TO 98% OF STANDARD MAXIMUM DRY DENSITY (SMD) AND TO WITHIN 2% OF STANDARD OPTIMUM MOISTURE CONTENT (SOM) IN ACCORDANCE WITH AS 1289 5.1.1. APPROVED BACKFILL MATERIAL MAY BE CRUSHED ROCK OR SANDY LOAM WITH A PLASTICITY INDEX LESS THAN 15%.
3. TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. REGISTERED LABORATORY.

1. PAVEMENT "SUB-BASE" (I.E. THE INTERMEDIATE OR LOWER COURSE OF THE PAVEMENT BELOW THE BASE) SHALL BE CONSTRUCTED FROM MATERIAL AS SPECIFIED ON DRAWINGS AND COMPACTED TO 98% OF THE STANDARD MAXIMUM DRY DENSITY (SHDD) AND WITHIN 2% OF STANDARD OPTIMUM MOISTURE CONTENT (SOMC) IN ACCORDANCE WITH AS 1289 5.1.1.
2. ALL SUB-BASE MATERIAL SHALL BE HARD, DURABLE AND THE MATERIALS SHALL BE FREE OF CLAY LUMPS, ORGANIC MATTER AND OBJECTIONABLE QUANTITIES OF DELETERIOUS SUBSTANCES.
3. ALL MATERIAL REQUIREMENTS APPLY BOTH PRIOR TO AND AFTER PLACEMENT OF THE PAVEMENT.

1. PAVEMENT "BASE" (IE THE HIGHEST COURSE OF THE PAVEMENT BELOW THE SURFACING) SHALL BE CONSTRUCTED FROM MATERIAL AS SPECIFIED ON DRAWINGS AND COMPACTED TO 98% OF THE STANDARD MAXIMUM DRY DENSITY (SMD) AND WITHIN 2% OF STANDARD OPTIMUM MOISTURE CONTENT (SOM) IN ACCORDANCE WITH AS 1289 5.1.1 (EXCEPT CONCRETE PAVEMENT, WHERE THE CONCRETE IS THE BASE).
2. ALL BASE MATERIAL SHALL BE HARD, DURABLE AND THE MATERIALS SHALL BE FREE OF CLAY LUMPS, ORGANIC MATTER AND OBJECTIONABLE QUANTITIES OF DELETERIOUS SUBSTANCES.
3. ALL MATERIAL REQUIREMENTS APPLY BOTH PRIOR TO AND AFTER PLACEMENT OF THE PAVEMENT

INCLUDES ALL KERBS, GUTTERS, DISH DRAINS, CROSSINGS AND EDGES

1. WOLLONLIDLY SHIRE COUNCIL'S STANDARD DRAWINGS TAKES PRECEDENCE OVER THESE NOTES.
2. ALL KERBS, GUTTERS AND CROSSINGS TO BE CONSTRUCTED ON MINIMUM 150mm CONSOLIDATED FINE CRUSHED ROCK MATERIAL COMPACTED TO A MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1.
3. ROAD BASE MATERIAL IS TO BE DGB20 OR SIMILAR AND COMPACTED TO 100% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289.5.11-2003.
4. ROAD BASE MATERIAL 150mm THICK TO BE PLACED BENEATH KERB & GUTTER AND 300mm BEYOND THE EXTERNAL EDGES OF KERB & GUTTERS, APRONS AND CROSSINGS.
5. ALL DISTURBED AREAS TO BE TOPSOILED WITH 75mm OF APPROVED LOAM AND TURFED AS SOON AS PRACTICABLE TO ENCOURAGE REVEGETATION AND MINIMISE SOIL EROSION FROM SITE.
6. CONCRETE FINISH - ALL EDGES TO BE TOOL FINISHED WITH 12mm RADIUS, 50mm WIDE EDGING TOOL. GUTTER AND LAYBACK SHALL BE FINISHED WITH A STEEL TROWEL.
7. APPROVED FULL DEPTH EXPANSION JOINTS (10mm) TO BE PROVIDED AS FOLLOWS:
  - BETWEEN NEW AND EXISTING WORKS.
  - BETWEEN LAYBACK WINGS AND KERB
  - EITHER SIDE OF ANY LINTELS
  - AT EVERY 6m INTERVALS ALONG CONTINUOUS LENGTHS (PROVIDE DUMMY JOINT AT EVERY 3m INTERVALS UNLESS INSTRUCTED OTHERWISE BY SUPERINTENDENT) .
8. GALVANIZED STEEL IRONS SHALL BE PROVIDED AT 300 CTRS FOR PITS HAVING A DEPTH EXCEEDING 1200mm.
9. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE PIPES (RCP) CLASS 2 APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS UNO.
10. PIPES UP TO 300 DIA. SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
11. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED IF RELEVANT APPROVAL AUTHORITY AND SUPERINTENDENT PERMITS.
12. BEDDING TYPE SHALL BE TYPE H2 FOR RCP. WHERE NECESSARY THE OVERLAY ZONE SHALL BE REDUCED TO ACCOMMODATE PAVEMENT REQUIREMENTS.
13. PIPES SHALL BE LAID ON A 75mm THICK SAND BED. IN ALL CASES, BACKFILL TRENCH WITH SAND TO 200mm ABOVE THE PIPE. WHERE PIPE IS UNDER PAVEMENTS, BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (OR A DENSITY INDEX OF NOT LESS THAN 75).
14. WHERE TRENCHES ARE IN ROCK THE PIPE SHALL BE BEDDED ON A MINIMUM OF 50mm CONCRETE BED (OR 75mm BED OF 12mm BLUE METAL) UNDER THE BARREL OF THE PIPE.

1. TECHNICAL SPECIFICATIONS CONTAINED WITHIN THE GEOTECHNICAL REPORT TAKE PRECEDENCE OVER THESE NOTES.
2. PRIOR TO DELIVERY OF ANY MATERIAL TO THE SITE, THE SOURCE OF ALL MATERIALS AND ANY RELEVANT CERTIFICATES STATING THAT THE MATERIAL SATISFIES THE SPECIFIED REQUIREMENTS SHALL BE PROVIDED TO THE SUPERINTENDENT FOR APPROVAL.
3. TESTING OF PAVEMENT MATERIALS WILL NORMALLY BE PERFORMED ON SAMPLES TAKEN AT THE SOURCE SITE PRIOR TO DELIVERY TO THE SITE AND IN THEIR FINAL CONDITIONS AFTER PLACEMENT AND COMPACTION. HOWEVER, THE PROPERTIES SPECIFIED AND FINAL ACCEPTANCE ARE APPLICABLE TO THE MATERIALS IN THEIR FINAL CONDITION IN THE PAVEMENT.
4. FINAL ACCEPTANCE WILL BE CONDITIONAL ON NO SIGNIFICANT CHANGE IN PROPERTIES DUE TO SEGREGATION OR CONTAMINATION DURING SUBSEQUENT PAVEMENT WORKS.

3. ASPHALT (HOT MIXED) TO AS2150.
2. BITUMEN EMULSION: TO AS1160.
3. BEFORE SURFACING ENSURE THAT THE BASE COURSE SURFACE IS FIRM, FREE OF SURFACE WATER, OILS, GREASE, RETARDERS, LOOSE MATERIAL AND DUST. APPLY TACK COAT IMMEDIATELY BEFORE PLACING ASPHALT.
4. TACK COAT: BITUMINOUS EMULSION SPRAY TO THE RECOMMENDATION OF AS2150.
5. ASPHALT: MIXING LAYING AND COMPACTION TO THE RECOMMENDATION OF AS2150.
6. MIXES:
  - AC10 - 10MM NOMINAL MAXIMUM AGGREGATE SIZE
  - AC7 - 7MM NOMINAL MAXIMUM AGGREGATE SIZE
  - AC5 - 5MM NOMINAL MAXIMUM AGGREGATE SIZE
7. BITUMEN BINDER CLASS: 170.
8. SURFACE FINISH: DENSE, SMOOTH, FREE OF ROLLER MARKS AND LOOSE MATERIAL.
9. COMPACTION:
  - WHILST THE MIX TEMPERATURE IS ABOVE 140°C. SITE DENSITY (MINIMUM): 95% OF THE 50 BELOW MARSHALL DENSITY OF THE LABORATORY COMPACTED MIX.
10. JOINTS:
  - THE NUMBER OF JOINTS, BOTH LONGITUDINAL AND TRANSVERSE, SHALL BE KEPT TO A MINIMUM.
  - THE DENSITY AND SURFACE FINISH AT JOINTS SHALL BE SIMILAR TO THOSE OF THE REMAINDER OF THE LAYER.
  - FORM JOINTS AND STAGGER 300MM MINIMUM IN SUCCESSIVE LAYERS.
11. FINISHED PAVEMENT PROPERTIES:
  - FINISHED SURFACES SHALL BE SMOOTH, DENSE AND TRUE TO SHAPE AND SHALL NOT VARY MORE THAN 10MM FROM SPECIFIED PLAN LEVEL AT ANY POINT AND SHALL NOT DEVIATE FROM THE BOTTOM OF A 3M STRAIGHT EDGE LAID IN ANY DIRECTION BY MORE THAN 5MM.

1. THE STORMWATER DESIGN SHOWN ON THESE DRAWINGS HAS BEEN CARRIED OUT IN ACCORDANCE WITH GEORGES RIVER COUNCIL'S REQUIREMENTS, AUSTRALIAN RAINFALL AND RUNOFF (AR&R) GUIDELINES AND RELEVANT AUTHORITIES GUIDELINES.
2. FINISHED SURFACE LEVELS SHOWN ON CIVIL GRADING PLAN DRAWINGS TAKE PRECEDENCE OVER DRAINAGE LONGSECTION SURFACE LEVELS.
3. ALL STORMWATER WORK IS TO COMPLY WITH AS3500 PART 3.
4. PROTECTION OF PIPES EXPOSED TO LOADS EXCEEDING THE W7 WHEEL LOAD OF 70KN SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
5. NO CONSTRUCTION LOADS SHALL BE APPLIED TO uPVC PIPES.
6. EXISTING STORMWATER PIPE LOCATIONS AND INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. FOR ALL STORMWATER DRAINAGE PITS REFER TO TYPICAL PIT CHAMBER DETAILS ON THESE DRAWINGS. IF PIT LID SIZE IS SMALLER THAN THE PIT CHAMBER SIZE THEN THE PIT LID IS TO BE CONSTRUCTED ON THE CORNER OF THE PIT CHAMBER WITH THE STEP IRONS DIRECTLY BELOW. ALTERNATIVELY, THE PIT LID TO BE USED IS TO BE THE SAME SIZE AS THE PIT CHAMBER.
8. GALVANIZED STEP IRONS SHALL BE PROVIDED AT 300 CTRS FOR PITS HAVING A DEPTH EXCEEDING 1200mm.
9. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE PIPES (RCP) CLASS 2 APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS UNO.
10. PIPES UP TO 300 DIA. SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
11. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED IF RELEVANT APPROVAL AUTHORITY AND SUPERINTENDENT PERMITS.
12. BEDDING TYPE SHALL BE TYPE H2 FOR RCP. WHERE NECESSARY THE OVERLAY ZONE SHALL BE REDUCED TO ACCOMMODATE PAVEMENT REQUIREMENTS.
13. PIPES SHALL BE LAID ON A 75mm THICK SAND BED. IN ALL CASES, BACKFILL TRENCH WITH SAND TO 200mm ABOVE THE PIPE. WHERE PIPE IS UNDER PAVEMENTS, BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (OR A DENSITY INDEX OF NOT LESS THAN 75).

**GENERAL:**

1. CARRY OUT ALL CONCRETE WORK IN ACCORDANCE WITH AS3600-1994 AND THE SPECIFICATION. KEEP A COPY OF THESE DOCUMENTS ON SITE.
2. VERIFY ALL SETTING OUT DIMENSIONS WITH THE ARCHITECT AND/OR THE SURVEYOR.
3. DO NOT OBTAIN DIMENSIONS BY SCALING THE DRAWINGS.
4. IN CASE OF DOUBT - ASK.

**CONCRETE:**

PLACE CONCRETE OF THE FOLLOWING CHARACTERISTIC COMPRESSIVE STRENGTH  $F_c$  AS DEFINED IN AS3600-1994 OR RTA FORM 609. ADD WATER-REDUCING ADMIXTURE EQUIVALENT TO WRDA.

	AS3600 $F_c$ MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
ALL KERBS, FOOTPATHS, ETC.	25	80	20
PITS	32	100	20
PAVEMENTS	40	80	20

1. USE TYPE GP CEMENT IN ACCORDANCE WITH AS3972.
2. ALL CONCRETE SHALL BE SUBJECT TO PROJECT CONTROL SAMPLE AND TESTING TO AS3600-1994.
3. CONSOLIDATE BY VIBRATION. CURE SURFACES BY COVERING WITH PLASTIC AND KEEPING THE SURFACE MOIST FOR A MINIMUM OF 7 DAYS.

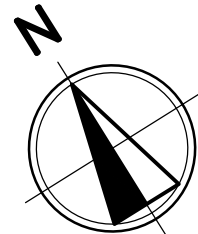
	AS3600 F'c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
ALL KERBS, FOOTPATHS, ETC.	25	80	20
PITS	32	100	20
PAVEMENTS	40	80	20

1. FIX REINFORCEMENT AS SHOWN ON DRAWINGS. THE TYPE AND GRADE IS INDICATED BY A SYMBOL AS SHOWN BELOW.  
N. HOT ROLLED DEFORMED BAR, GRADE 500  
R. PLAIN ROUND BAR, GRADE 250  
SL OR RL. HARD DRAWN WIRE FABRIC, SQUARE OR RECTANGULAR.
2. PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING CONCRETE COVER TO ALL REINFORCEMENT UNLESS NOTED OTHERWISE.
  - FOOTINGS: 75 BOTTOM. 65 TOP AND SIDES 40
  - SLABS: 40 WHEN EXPOSED TO WEATHER.
  - DRAINAGE STRUCTURES: 30 WHEN CAST IN FORMS BUT LATER EXPOSED TO WEATHER OR GROUND. 65 WHEN CAST DIRECTLY IN CONTACT WITH GROUND.
3. ALL CONCRETE SHALL BE SUBJECT TO PROJECT CONTROL SAMPLE AND TESTING TO AS3600-1994.
4. CONSOLIDATE BY VIBRATION. CURE SURFACES BY COVERING WITH PLASTIC AND KEEPING THE SURFACE MOIST FOR A MINIMUM OF 7 DAYS.

- CONCRETE MIX PARAMETERS:
  - MAXIMUM AGGREGATE SIZE 20mm.
  - FLEXURAL STRENGTH AT 28 DAYS = 3.5 MPa ( $F'c = 32MPa$ ).
  - FLEXURAL STRENGTH AT 90 DAYS = 3.85 MPa.
  - MAXIMUM WATER / CEMENT RATIO = 0.45.
  - MAXIMUM SHRINKAGE LIMIT = 600 MICROSTRAINS (AS1012.13) AFTER 8 WEEKS OF DRYING.
  - MINIMUM CEMENT CONTENT = 300kg/m<sup>3</sup>
  - CEMENT TO BE TYPE GP (NORMAL CEMENT) TO AS 3972.
  - SLUMP = 50mm
2. SAWN JOINTS ARE TO BE CUT BETWEEN 2-4 HOURS AFTER CONCRETE POUR USING SOFF CUT SAW TO AVOID DAMAGING THE SURFACE DURING SAWCUT.
3. FOR EXPANSION JOINTS, PRIOR TO THE PLACEMENT OF CONCRETE IN THE ADJACENT SLAB, SELF EXPANDING CORK FILLER SHALL BE ADHERED TO THE ALREADY CAST AND CLEANED CONCRETE FACE USING AN APPROVED WATERPROOF ADHESIVE. ADHESIVE SHALL BE LIBERALLY APPLIED TO THE FULL FACE OF THE CONCRETE SLAB TO BE COVERED BY THE FILLER, AND ON THE FULL FACE OF THE FILLER TO BE ADHERED. THE BUILDER SHALL PROVIDE CONSTANT SUPERVISION OF CONCRETE POURS EXECUTED BY SUB-CONTRACTORS TO ENSURE:
  - REINFORCEMENT DISPLACED OFF CHAIRS ARE REPLACED PRIOR TO CONCRETE PLACEMENT.
  - NO SITE WATER IS ADDED TO CONCRETE OR CONCRETE IN WAITING TRUCKS (REQUIRED SLUMP FOR PLACEMENT SHALL BE ACHIEVED USING SUPER PLASTICISER).
  - ALL CONCRETE IS FULLY COMPACTED USING A POKER VIBRATOR.
  - NO POURS ARE EXECUTED WHEN THE AMBIENT TEMPERATURE EQUALS OR EXCEEDS 35°C.
  - POURS ARE PROTECTED FROM ANY HOT DRYING WINDS.
4. REFER TO COMPACTION NOTES FOR PREPARATION OF SUB-BASE AND SUB-GRADE.
5. CURING: THE FINISHED CONCRETE SHALL BE CURED FOR A MINIMUM OF SEVEN DAYS USING AT LEAST ONE OF THE FOLLOWING METHODS:
  - PONDING OR CONTINUOUS SPRINKLING WITH WATER.
  - THE USE OF AN ABSORBENT COVER KEPT CONSTANTLY WET. (WHEN THE AMBIENT TEMPERATURE EXCEEDS 32°C CURING MAY ONLY BE ACHIEVED USING THE ABOVE TWO METHODS).
  - THE USE OF AN IMPERMEABLE SHEET MEMBRANE OVER A MOISTENED SURFACE (THE MEMBRANE SHALL BE FIXED AND LAPPED SO THAT NO AIR CIRCULATION CAN OCCUR AT THE CONCRETE SURFACE).
  - THE USE OF A CURING COMPOUND COMPLYING WITH AS3799, APPLIED UNIFORMLY IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, AND WHEN DRY THE COAT SHOULD BE CONTINUOUS, FLEXIBLE AND WITHOUT VISIBLE BREAKS OR PIN HOLES FOR SEVEN DAYS.
6. BROOM CONCRETE FINISH UNLESS SPECIFIED OTHERWISE TO ARCHITECTS' REQUIREMENTS.

[illegible]





LEGEND

- SITE BOUNDARY
- LANDSCAPE
- SURVEY
- 167.00 BULK EARTHWORKS DESIGN CONTOURS
- 165.0 EXISTING SURFACE CONTOURS
- PROPOSED STORMWATER PIPE
- EXISTING DRAINAGE PIPE
- PROPOSED GRATED INLET PIT/  
PROPOSED KERB INLET PIT
- EXISTING INLET PITS
- HEADWALL
- PROPOSED SWALE
- PROPOSED GRATED DRAIN
- PROPOSED OSD TANK



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	28.02.2025	ISSUED FOR TENDER	SH				
B	21.02.2025	ISSUED FOR INFORMATION	SH				
A	31.01.2025	ISSUED FOR INFORMATION	SH				
REVISIONS				REVISIONS			

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28/02/2025 2:42:11 PM

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PROJECT

WILTON JUNCTION  
PUBLIC SCHOOL

STATUS

ISSUED FOR TENDER  
NOT TO BE USED FOR CONSTRUCTION

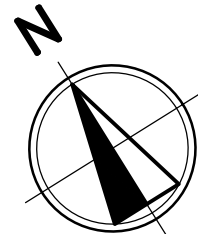
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JC	SM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:500	AT A1 SIZE

TITLE

GENERAL ARRANGEMENT  
PLAN

PROJECT No.	DRAWING No.	REV.
S21306	CI-0010	C





NOTES:

- 1. NO ALLOWANCE FOR PAVEMENTS BOXING, LANDSCAPING SOIL OR SITE STRIPPING
- 2. DETAILED SITE GRADING HAS ALSO NOT BEEN INCORPORATED

SUMMARY

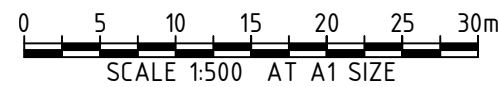
TOTAL CUT: -2754.322m<sup>3</sup>  
TOTAL FILL: 1759.686m<sup>3</sup>  
TOTAL BALANCE: -994.636m<sup>3</sup>

- \* NO ALLOWANCE FOR SITE STRIPPING
- \* NO ALLOWANCE FOR PAVEMENT BLOCKING OUT
- \* NO ALLOWANCE FOR LANDSCAPING
- \* NO ALLOWANCE FOR STRUCTURAL SLAB THICKNESS
- \* NO ALLOWANCE FOR SERVICE TRENCHING
- BULK VOLUMES DO NOT TAKE INTO COUNCIL BULKING FACTORS, THIS IS ON THE CONTRACTOR TO CONFIRM.

LEGEND

- SITE BOUNDARY
- LANDSCAPE
- SURVEY
- EXISTING SURFACE CONTOURS

EARTHWORKS DEPTHS			
Lower value	Upper value	Colour	
-300	to -145	m	
-145	to -140	m	
-140	to -135	m	
-135	to -130	m	
-130	to -125	m	
-125	to -120	m	
-120	to -115	m	
-115	to -110	m	
-110	to -105	m	
-105	to -100	m	
-100	to -095	m	
-095	to -090	m	
-090	to -085	m	
-085	to -080	m	
-080	to -075	m	
-075	to -070	m	
-070	to -065	m	
-065	to -060	m	
-060	to -055	m	
-055	to -050	m	
-050	to -045	m	
-045	to -040	m	
-040	to -035	m	
-035	to -030	m	
-030	to -025	m	
-025	to -020	m	
-020	to -015	m	
-015	to -010	m	
-010	to -005	m	
-005	to 0	m	
0	to 0.05	m	
0.05	to 0.10	m	
0.10	to 0.15	m	
0.15	to 0.20	m	
0.20	to 0.25	m	
0.25	to 0.30	m	
0.30	to 0.35	m	
0.35	to 0.40	m	
0.40	to 0.45	m	
0.45	to 0.50	m	
0.50	to 0.55	m	
0.55	to 0.60	m	
0.60	to 0.65	m	
0.65	to 0.70	m	
0.70	to 0.75	m	
0.75	to 0.80	m	
0.80	to 0.85	m	
0.85	to 0.90	m	
0.90	to 0.95	m	
0.95	to 1.00	m	
1.00	to 1.05	m	
1.05	to 1.10	m	
1.10	to 1.15	m	
1.15	to 1.20	m	
1.20	to 1.25	m	
1.25	to 1.30	m	
1.30	to 1.45	m	
1.45	to 1.50	m	
1.50	to 1.55	m	
1.55	to 300	m	



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REV	DATE	DESCRIPTION	RVD	REV	DATE
REVISIONS					



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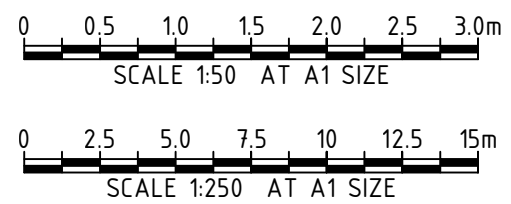


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PUBLIC SCHOOL

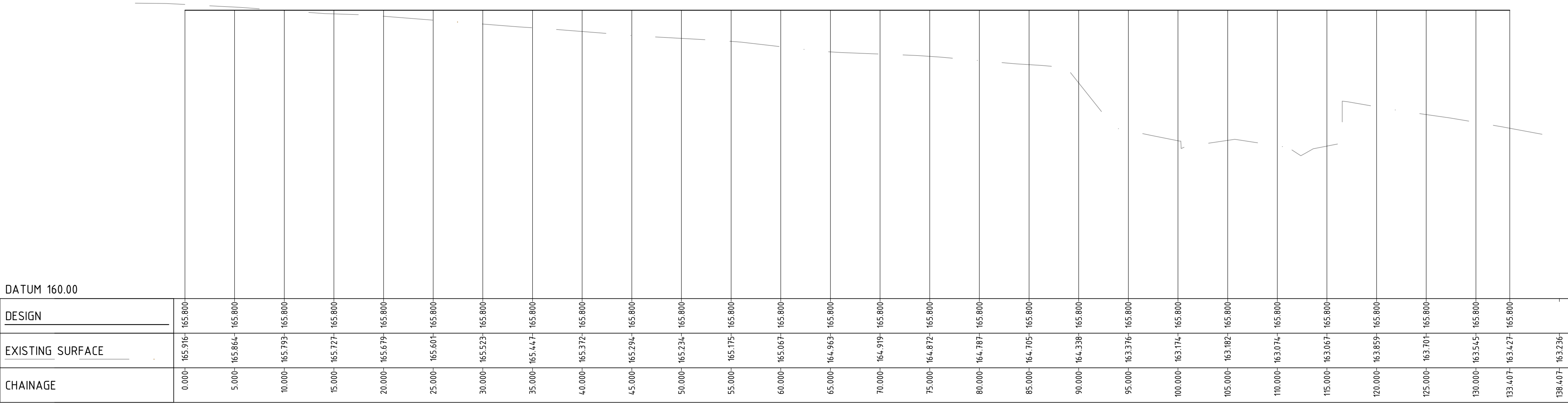
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ISSUED FOR TENDER			
NOT TO BE USED FOR CONSTRUCTION			
DRAWN	DESIGNED	CHECKED	APPROVED
JC	SM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:500	
AT A1 SIZE			

TITLE		
EARTHWORKS PLAN		
PROJECT No.	DRAWING No.	REV.
S21306	CI-0100	C

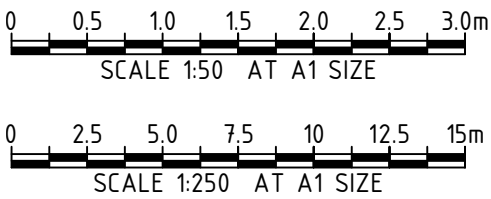


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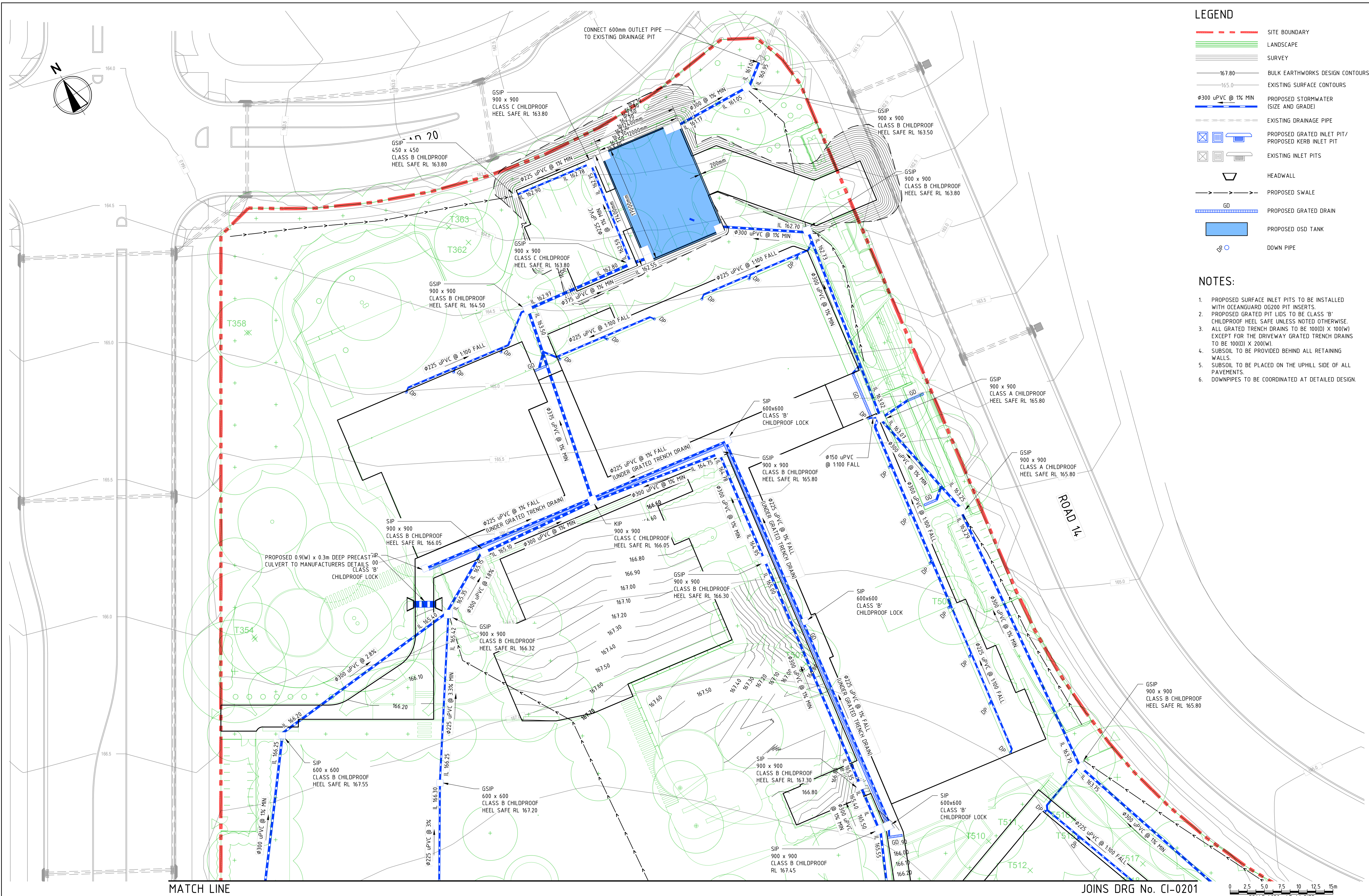




LONGITUDINAL SECTION - ALIGNMENT SECTION 2  
SCALE HORIZ. 1:250    VERT. 1:50







LEGEND

- SITE BOUNDARY
- LANDSCAPE
- SURVEY
- 167.80 BULK EARTHWORKS DESIGN CONTOURS
- 165.0 EXISTING SURFACE CONTOURS
- 300 uPVC @ 1% MIN PROPOSED STORMWATER (SIZE AND GRADE)
- EXISTING DRAINAGE PIPE
- PROPOSED GRATED INLET PIT/ PROPOSED KERB INLET PIT
- EXISTING INLET PITS
- HEADWALL
- PROPOSED SWALE
- GO PROPOSED GRATED DRAIN
- PROPOSED OSD TANK
- DOWN PIPE

NOTES:

1. PROPOSED SURFACE INLET PITS TO BE INSTALLED WITH OCEANGUARD 06200 PIT INSERTS.
2. PROPOSED GRATED PIT LIDS TO BE CLASS 'B' CHILDPROOF HEEL SAFE UNLESS NOTED OTHERWISE.
3. ALL GRATED TRENCH DRAINS TO BE 100(D) X 100(W) EXCEPT FOR THE DRIVEWAY GRATED TRENCH DRAINS TO BE 100(D) X 200(W).
4. SUBSOIL TO BE PROVIDED BEHIND ALL RETAINING WALLS.
5. SUBSOIL TO BE PLACED ON THE UPHILL SIDE OF ALL PAVEMENTS.
6. DOWNPIPES TO BE COORDINATED AT DETAILED DESIGN.

REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	28.02.2025	ISSUED FOR TENDER	SH				
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STATUS			
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NOT TO BE USED FOR CONSTRUCTION			
DRAWN	DESIGNED	CHECKED	APPROVED
JC	SM	SH	
DATUM	GRID	SCALE	AT
AHD	GDA2020 MGA-56	1:250	A1 SIZE

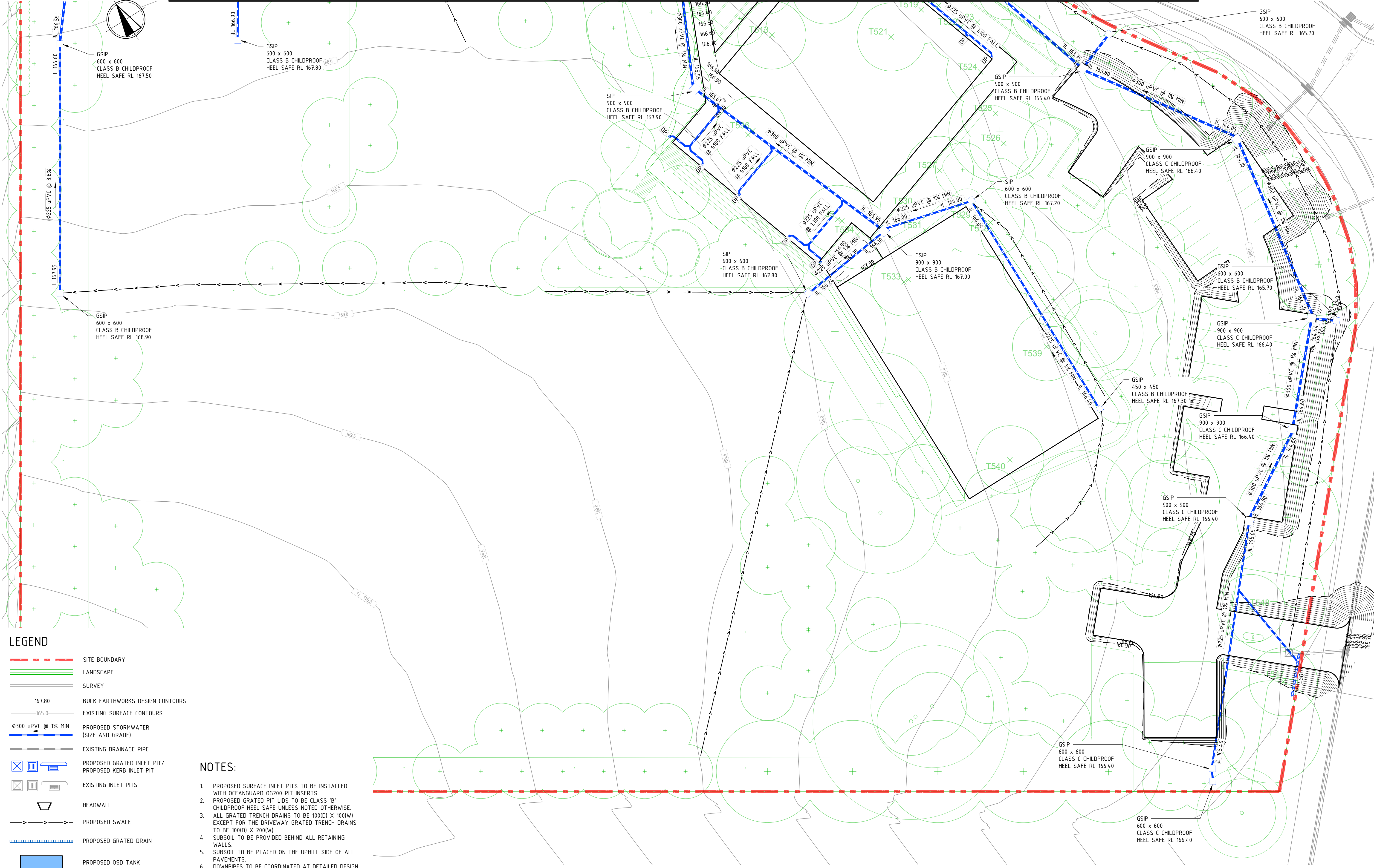
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SITWORKS AND DRAINAGE PLAN	
SHEET 1 OF 2	
PROJECT No.	REV
S21306	C
DRAWING No.	
CI-0200	

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MATCH LINE

JOINS DRG No. CI-0200

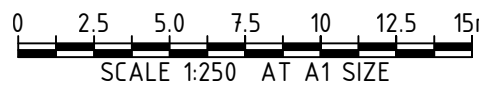


LEGEND

- SITE BOUNDARY
- LANDSCAPE
- SURVEY
- 167.80 BULK EARTHWORKS DESIGN CONTOURS
- 165.0 EXISTING SURFACE CONTOURS
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- EXISTING DRAINAGE PIPE
- PROPOSED GRATED INLET PIT/ PROPOSED KERB INLET PIT
- EXISTING INLET PITS
- HEADWALL
- PROPOSED SWALE
- PROPOSED GRATED DRAIN
- PROPOSED OSD TANK

NOTES:

- PROPOSED SURFACE INLET PITS TO BE INSTALLED WITH OCEANGUARD OG200 PIT INSERTS.
- PROPOSED GRATED PIT LIDS TO BE CLASS 'B' CHILDPROOF HEEL SAFE UNLESS NOTED OTHERWISE.
- ALL GRATED TRENCH DRAINS TO BE 100(I) X 100(W) EXCEPT FOR THE DRIVEWAY GRATED TRENCH DRAINS TO BE 100(I) X 200(W).
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REV	DATE	DESCRIPTION	RVD	REV	DATE
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DRAWN	DESIGNED	CHECKED	APPROVED
JC	SM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:250	
AT		A1 SIZE	

SITWORKS AND DRAINAGE PLAN		REV
SHEET 2 OF 2		C
PROJECT No.	DRAWING No.	
S21306	CI-0201	

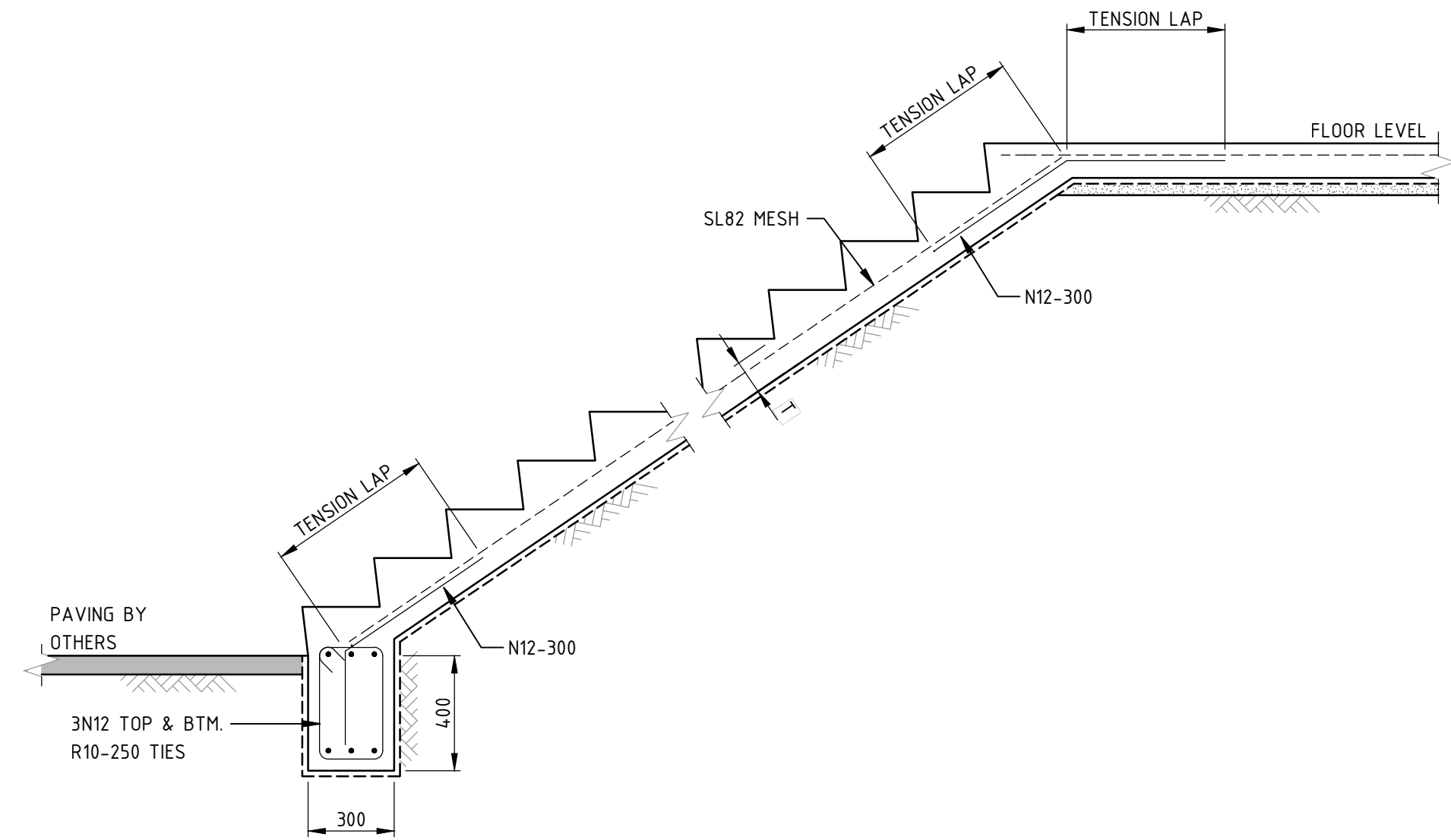




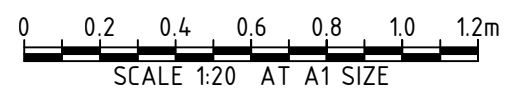








TYPICAL EXTERNAL STAIR SECTION  
SCALE 1:20




REVISIONS				REVISIONS			
REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
A	28.02.2025	ISSUED FOR TENDER	SH				





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PROJECT

WILTON JUNCTION  
PUBLIC SCHOOL

STATUS

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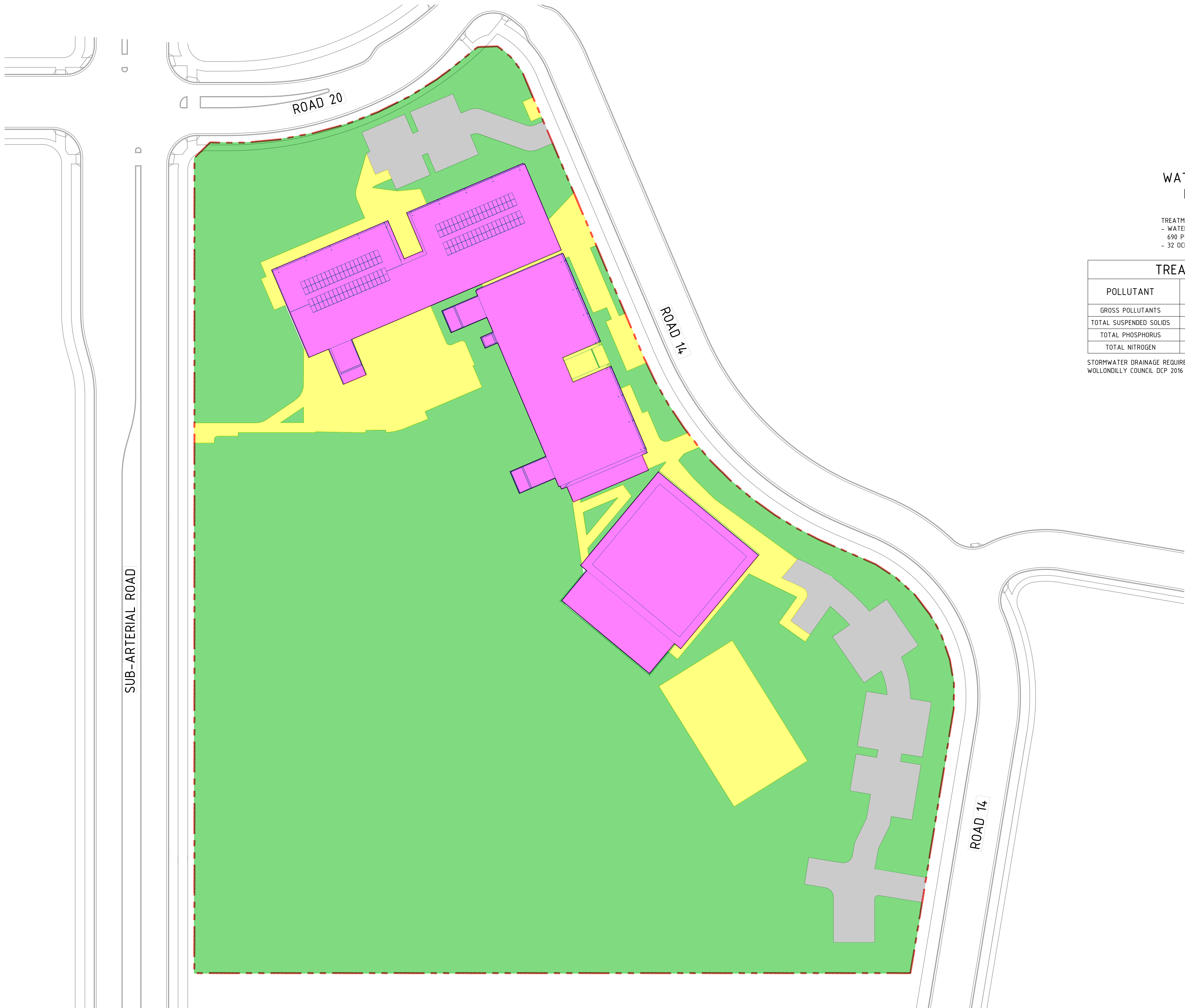
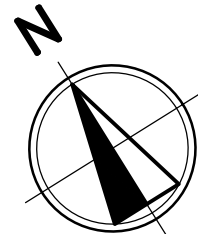
DRAWN	DESIGNED	CHECKED	APPROVED
JC	SM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:20	

TITLE

TYPICAL DETAILS

PROJECT No.	DRAWING No.	REV.
S21306	CI-0282	A





LEGEND	
	SITE BOUNDARY
	ARCHITECTURAL
	ROOF = 4,615m <sup>2</sup>
	PERVIOUS LANDSCAPE = 24,240m <sup>2</sup>
	IMPERVIOUS LANDSCAPING = 3,150m <sup>2</sup>
	ROAD = 1,955m <sup>2</sup>
TOTAL SITE AREA = 33,960m <sup>2</sup>	

WATER QUALITY FOR DEVELOPMENT

TREATMENT DEVICES:  
- WATER QUALITY CHAMBER WITH 14 OCEAN PROTECT  
690 PSORB (MCC) STORMFILTER CARTRIDGES  
- 32 OCEANGUARD

TREATMENT STANDARDS

POLLUTANT	POST	REDUCTION (%)	COUNCIL REQUIREMENTS (%)
GROSS POLLUTANTS	0	100	90
TOTAL SUSPENDED SOLIDS	160	86.8	85
TOTAL PHOSPHORUS	0.933	65.2	65
TOTAL NITROGEN	13	45.5	45

STORMWATER DRAINAGE REQUIREMENTS HAVE BEEN CALCULATED IN ACCORDANCE WITH WOLLONDILLY COUNCIL DCP 2016 VOLUME 7

REVISIONS				REVISIONS			
REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
B	28.02.2025	ISSUED FOR TENDER	SH				
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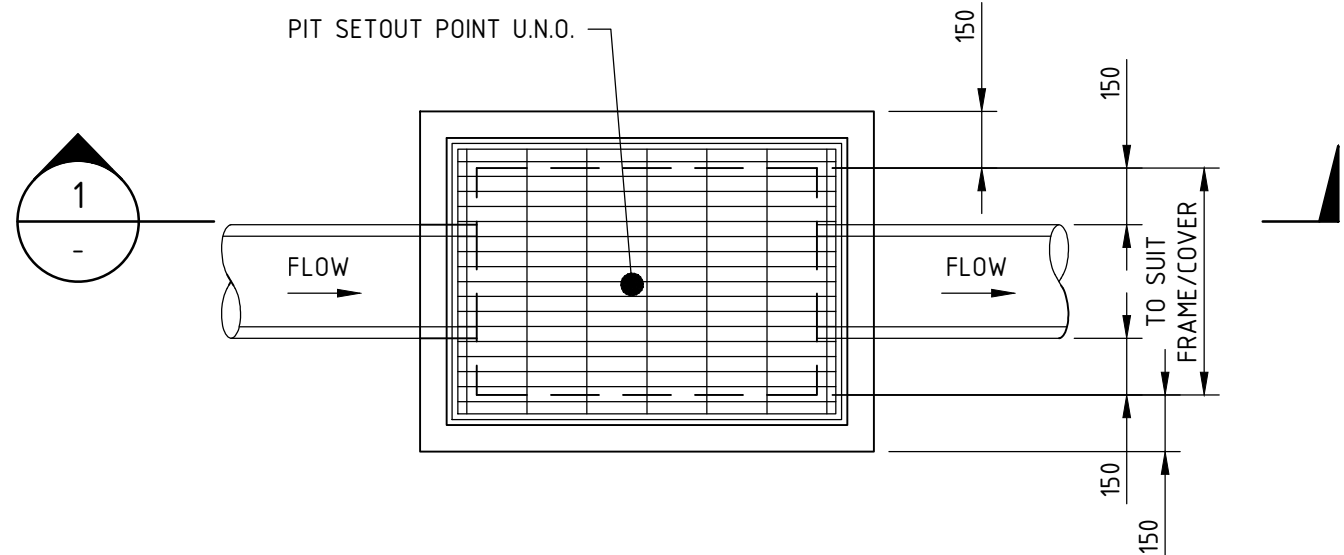
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ISSUED FOR TENDER NOT TO BE USED FOR CONSTRUCTION			
DRAWN JC	DESIGNED SM	CHECKED SH	APPROVED
DATUM AHD	GRID GDA2020 MGA-56	SCALE 1:500	AT A1 SIZE

TITLE  
DRAINAGE CATCHMENT  
PLAN

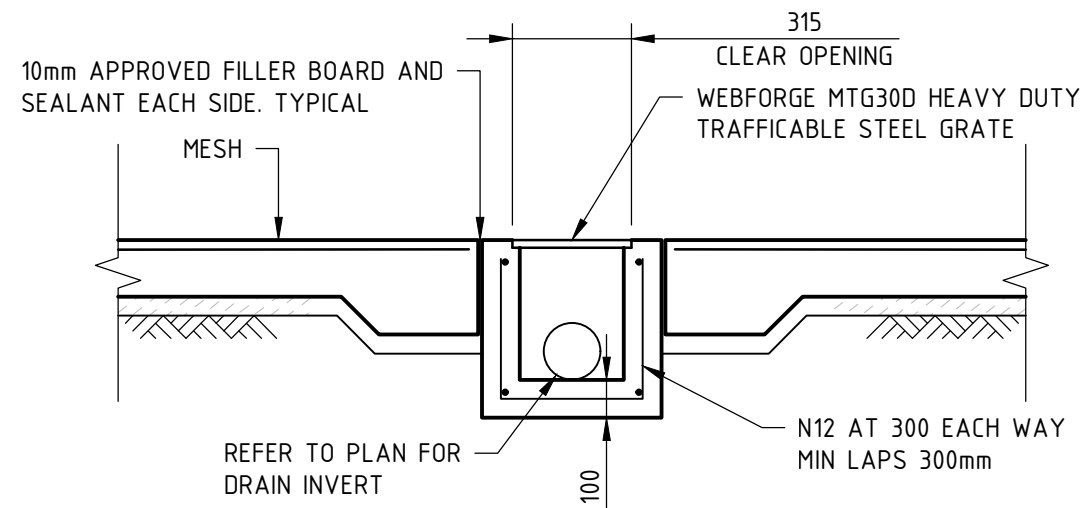
PROJECT No. S21306	DRAWING No. CI-0300	REV B
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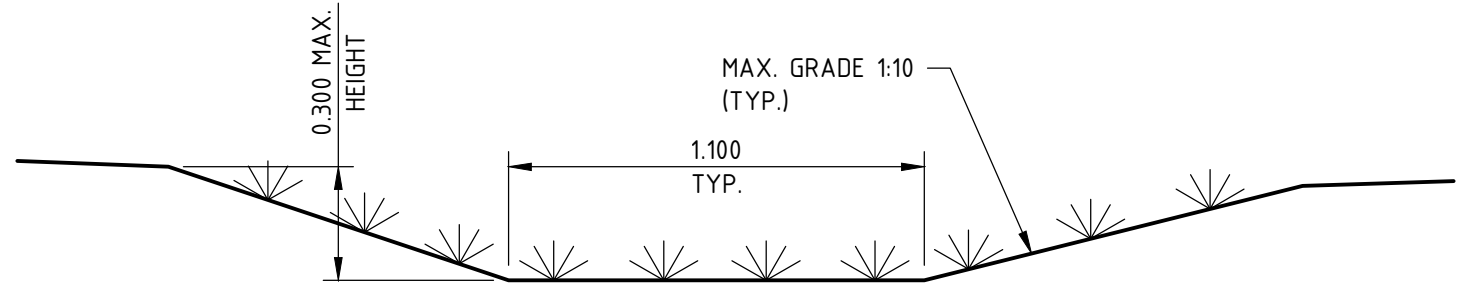
- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.



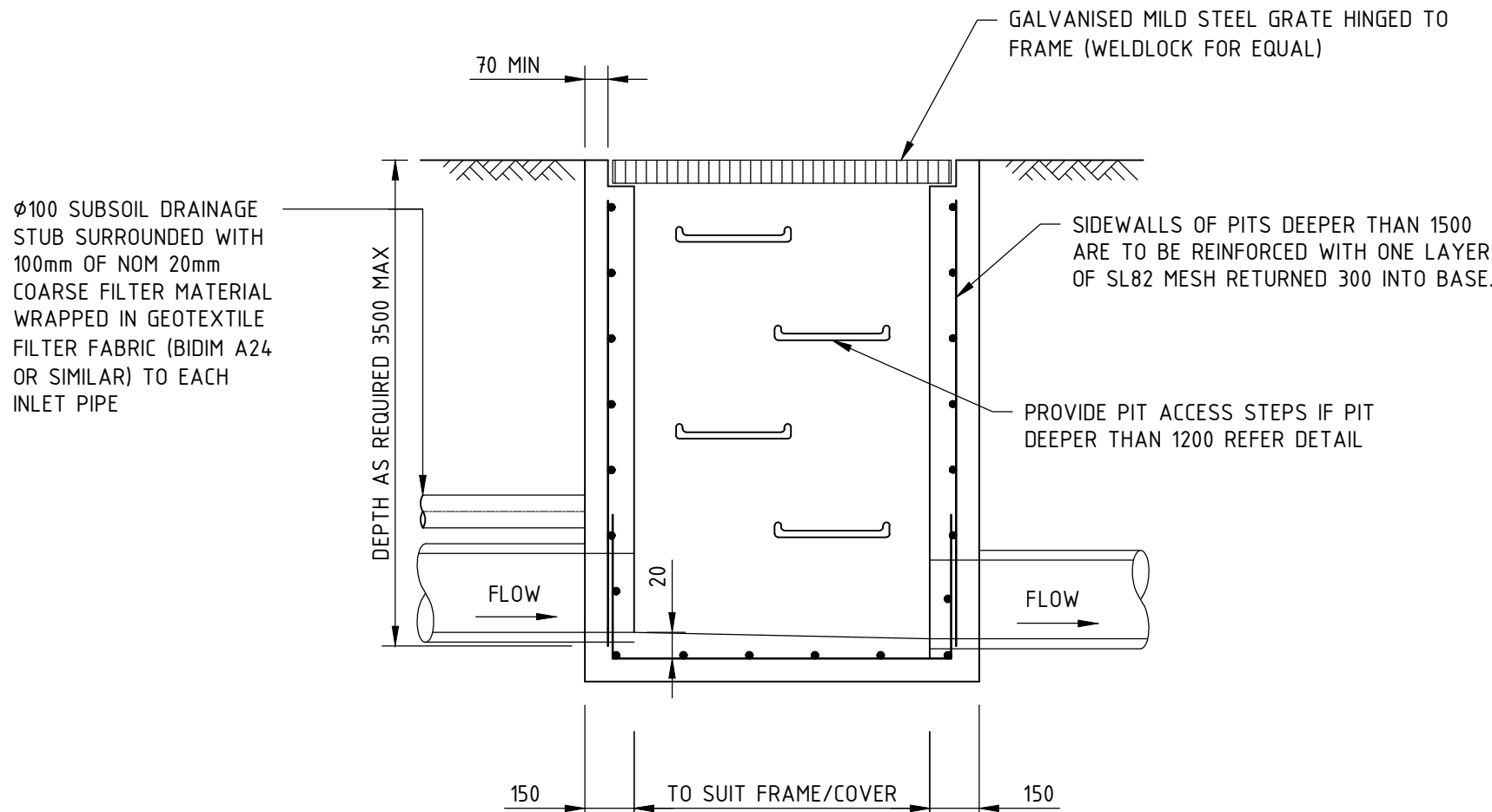
PLAN - GRATED / JUNCTION PIT DETAIL  
SCALE 1:20



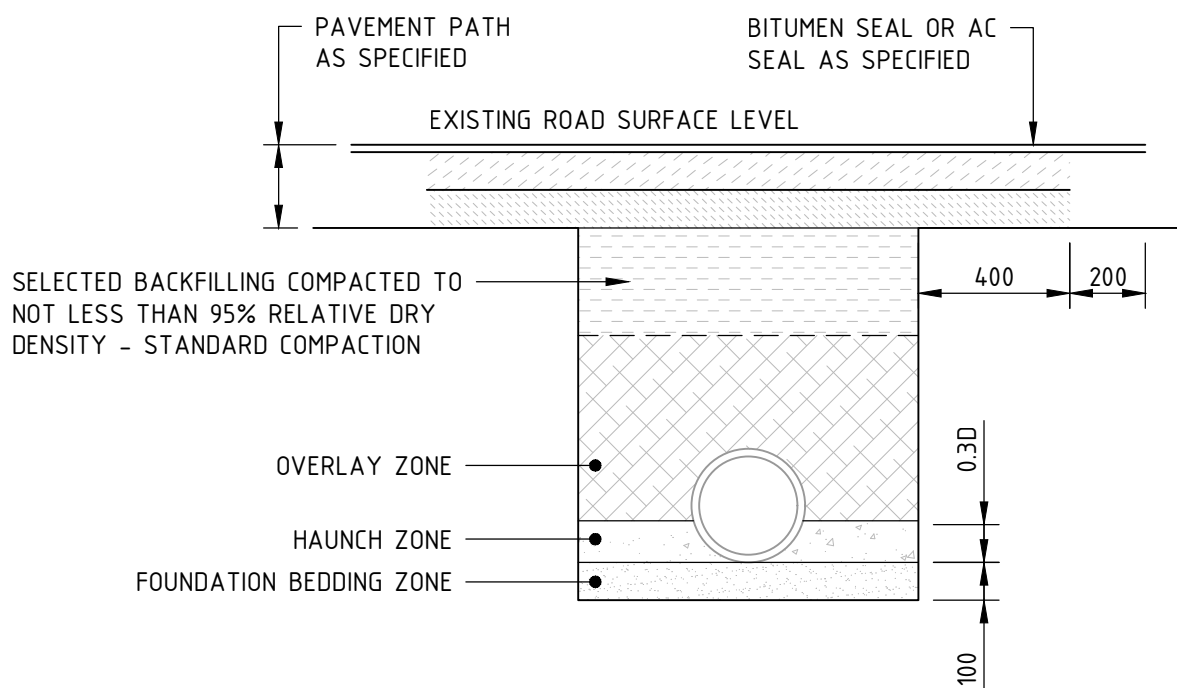
GRATED TRENCH DETAIL  
SCALE : N.T.S



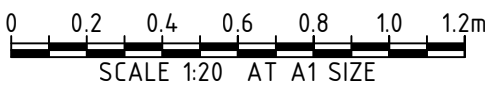
GRASSED SWALE DETAIL  
SCALE 1:20



SECTION 1  
SCALE 1:20



TYPICAL STORMWATER DRAINAGE  
INSTALLATION IN EXISTING ROADWAY  
SCALE : N.T.S

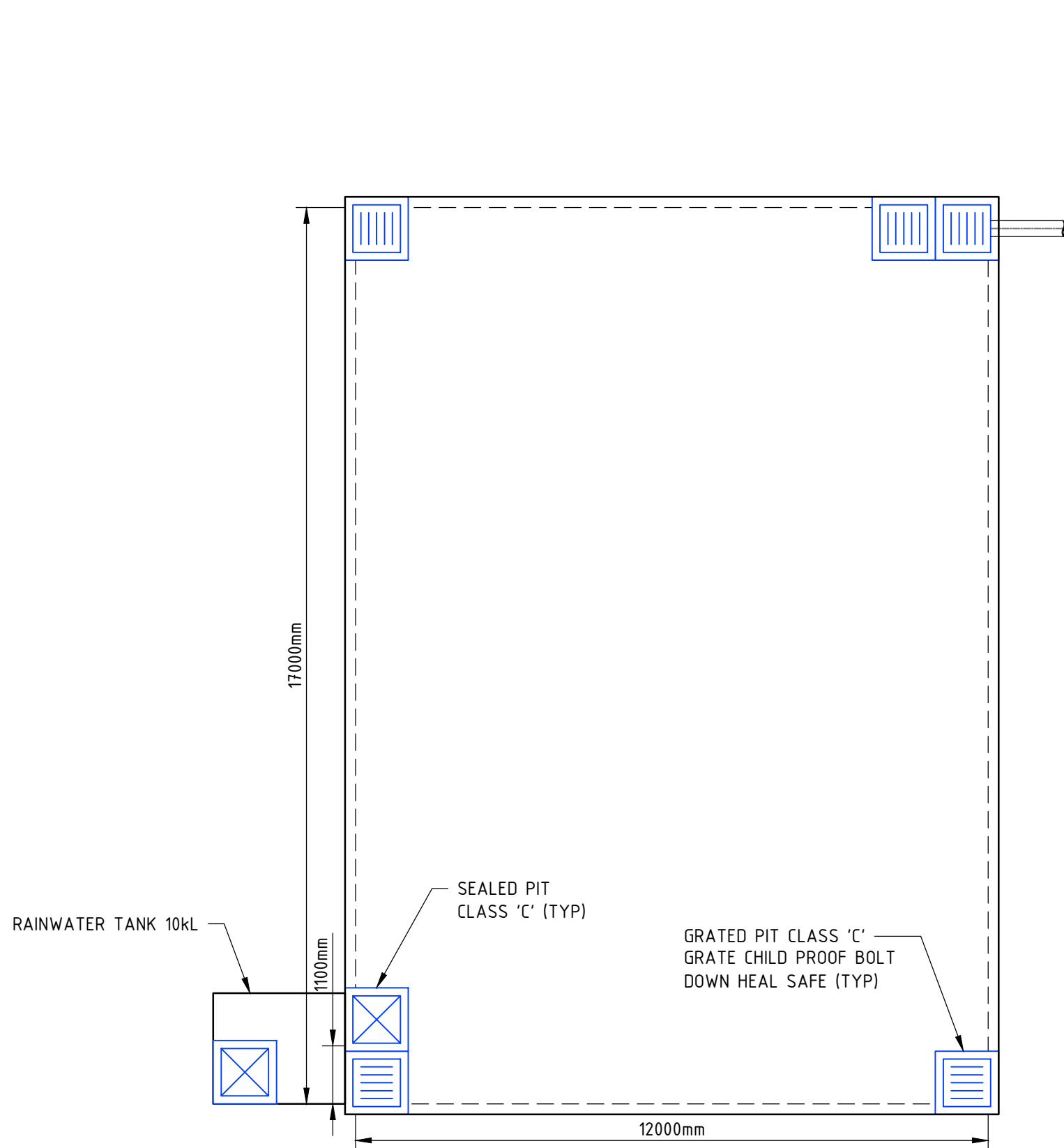


				CLIENT				PROJECT				STATUS				TITLE			
				NSW GOVERNMENT				WILTON JUNCTION PUBLIC SCHOOL				ISSUED FOR TENDER NOT TO BE USED FOR CONSTRUCTION				DRAINAGE DETAILS			
				PTW				BG & E				DRAWN JC, DESIGNED SM, CHECKED SH, APPROVED				PROJECT No. S21306, DRAWING No. CI-0340, REV. C			
				Puddle Thorp & Walker Gadigal Country Level 11, 88 Phillip Street Sydney, NSW, 2000 Australia P / +61 2 9770 3300 E / info@bgeeng.com bgeeng.com				L2, 8 Windmill St, Sydney NSW 2000 P / +61 2 9770 3300 E / info@bgeeng.com bgeeng.com				GRID GDA2020 MGA-56, SCALE 1:20, DATUM AHD							
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				C 28.02.2025 ISSUED FOR TENDER SH															
				B 21.02.2025 ISSUED FOR INFORMATION SH															
				A 31.01.2025 ISSUED FOR INFORMATION SH															
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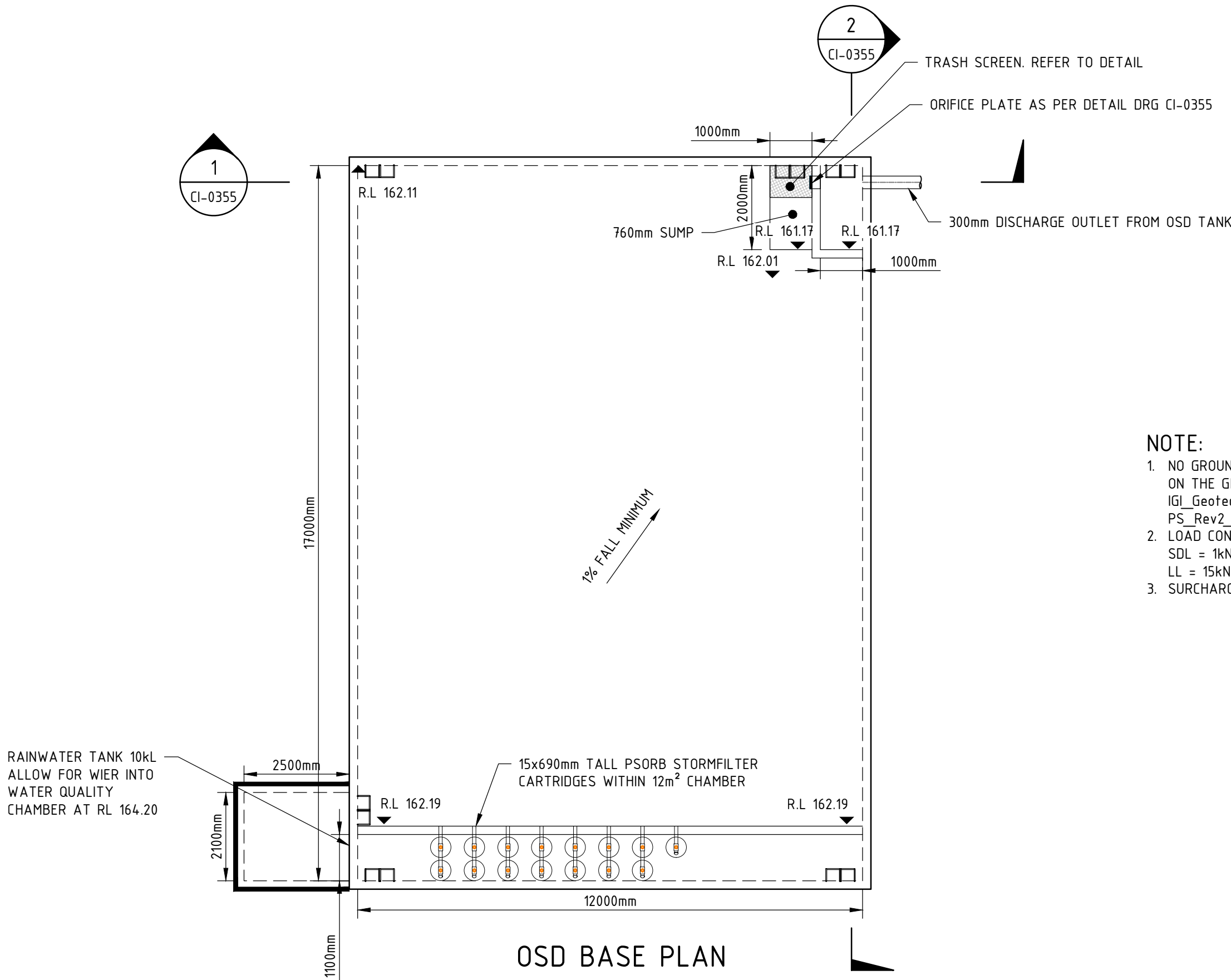
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.  
2. ALL LEVELS ARE IN METRES.



OSD LID PLAN

SCALE 1:100

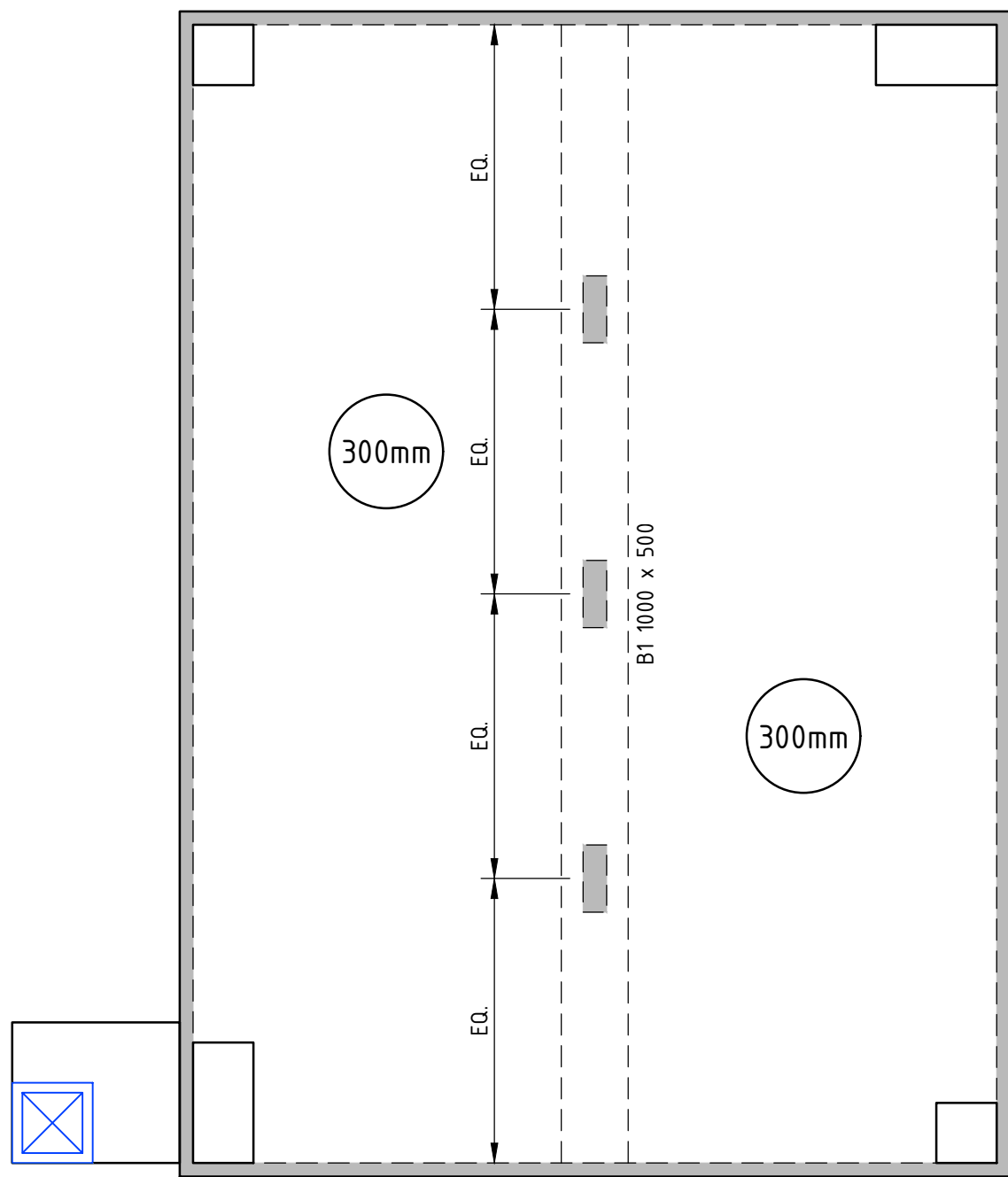


OSD BASE PLAN

SCALE 1:100

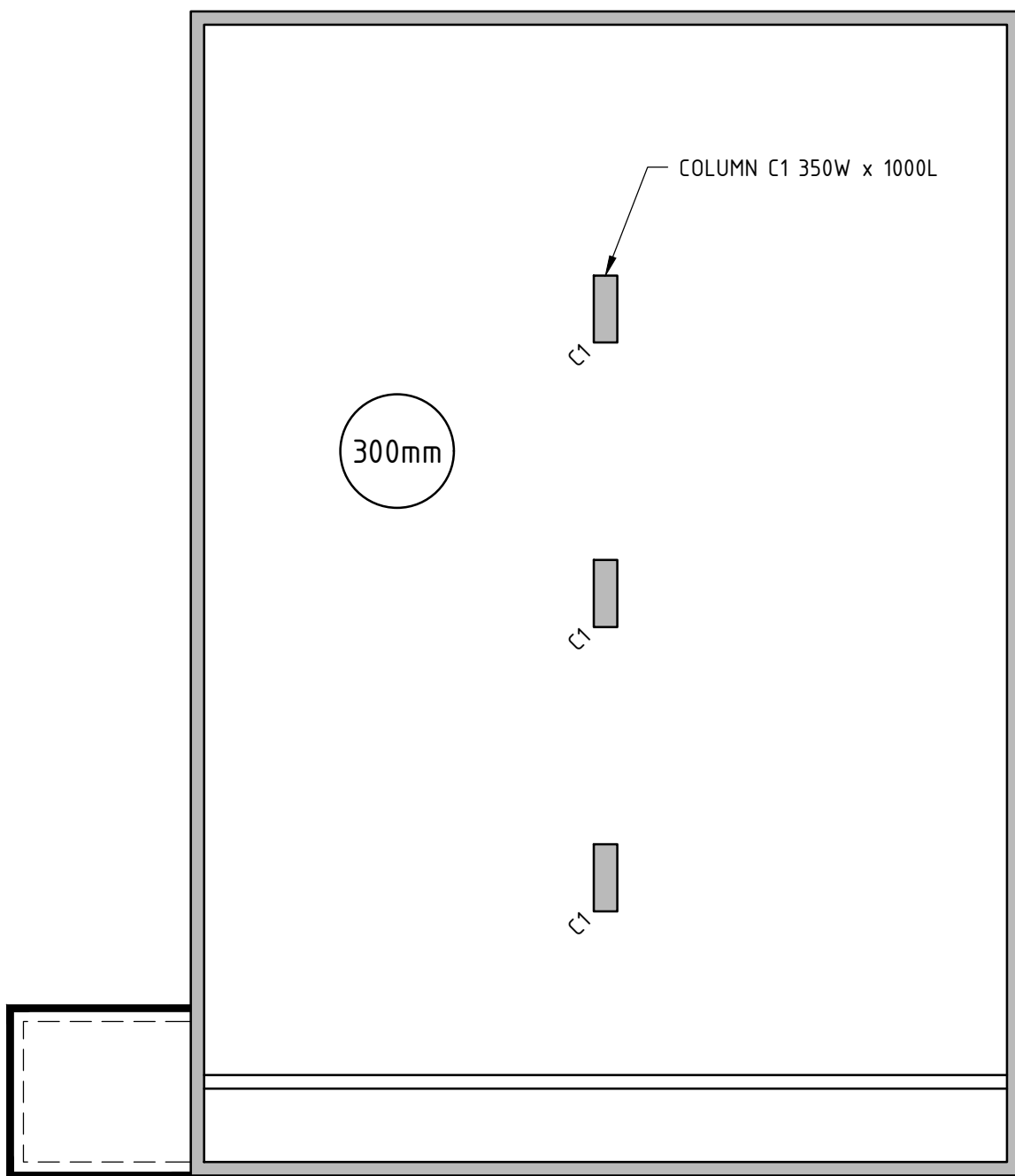
NOTE:

1. NO GROUNDWATER LOAD WAS CONSIDERED BASED ON THE GEOTECHNICAL REPORT:  
IGL\_Geotechnical\_GG11529.001\_Wilton Junction NEW PS\_Rev2\_final.  
2. LOAD CONSIDERED FOR TANK LID SLAB IS:  
SDL = 1kN  
LL = 15kN  
3. SURCHARGE LOAD CONSIDERED IS 15kN.



OSD STRUCTURAL LID PLAN

SCALE 1:100



OSD BASE SLAB PLAN

SCALE 1:100



REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
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REV	DATE	DESCRIPTION	RVD	REV	DATE
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WILTON JUNCTION  
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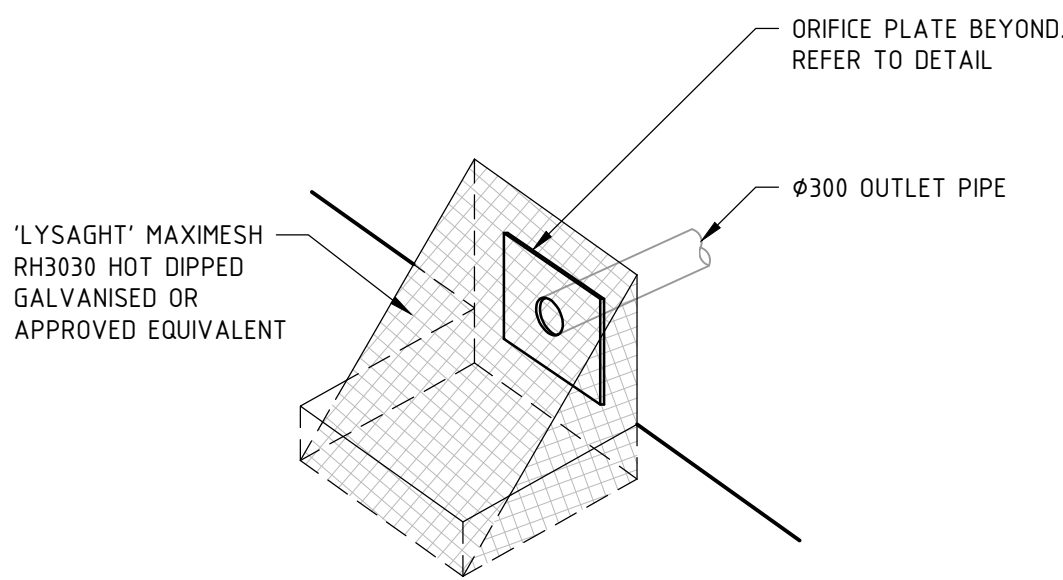
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NOT TO BE USED FOR CONSTRUCTION			
DRAWN	DESIGNED	CHECKED	APPROVED
JC	SM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:100	

TITLE		
OSD PLAN		
PROJECT No.	DRAWING No.	REV.
S21306	CI-0350	B



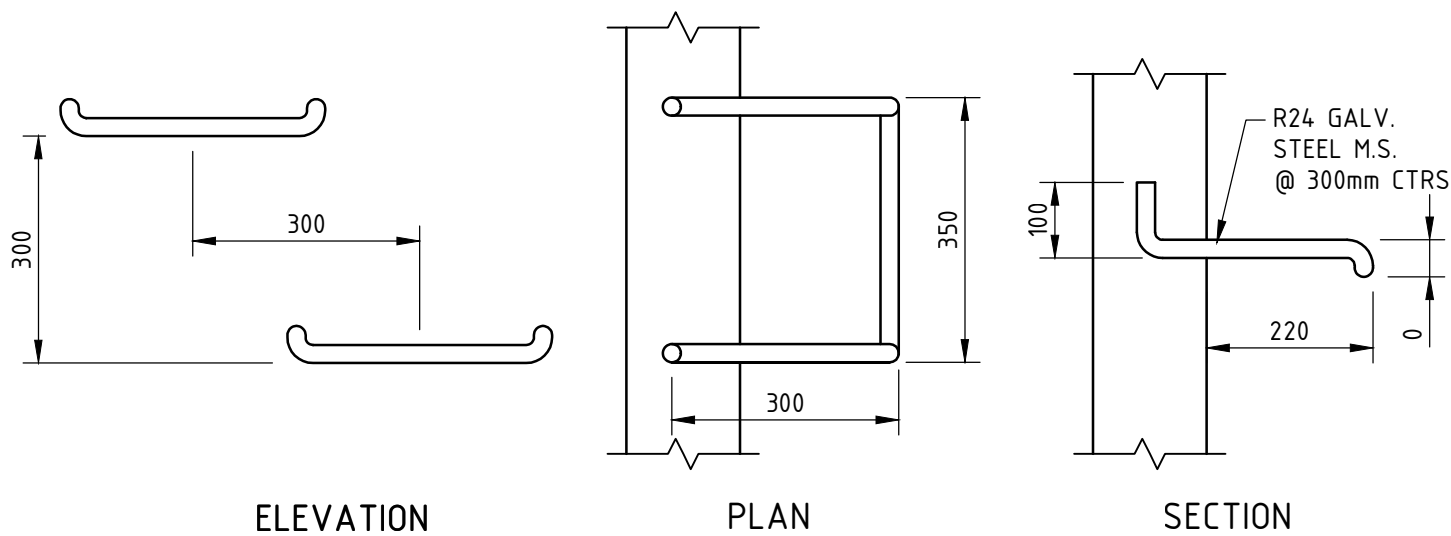
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.  
2. ALL LEVELS ARE IN METRES.



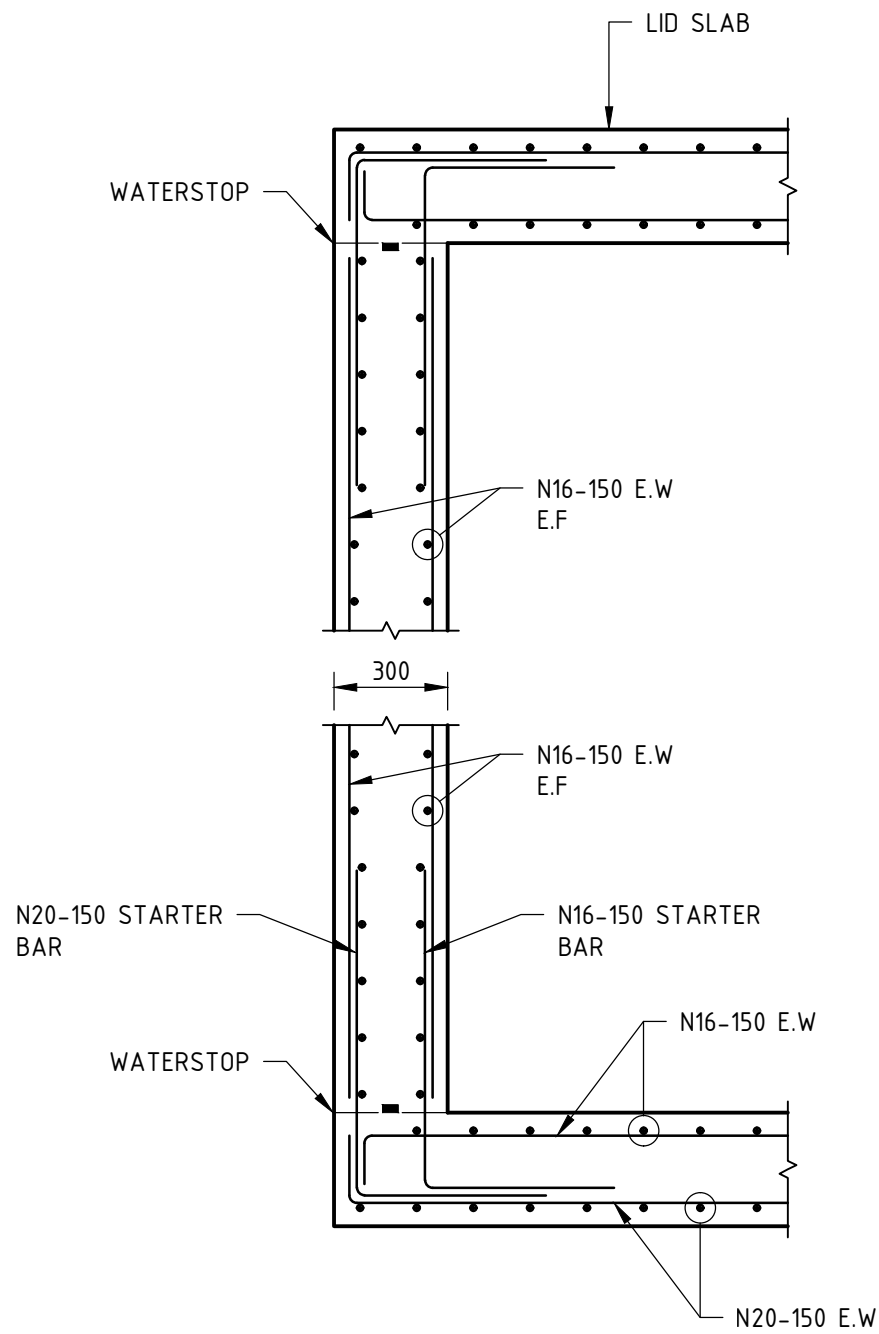
TRASH SCREEN DETAIL

N.T.S.



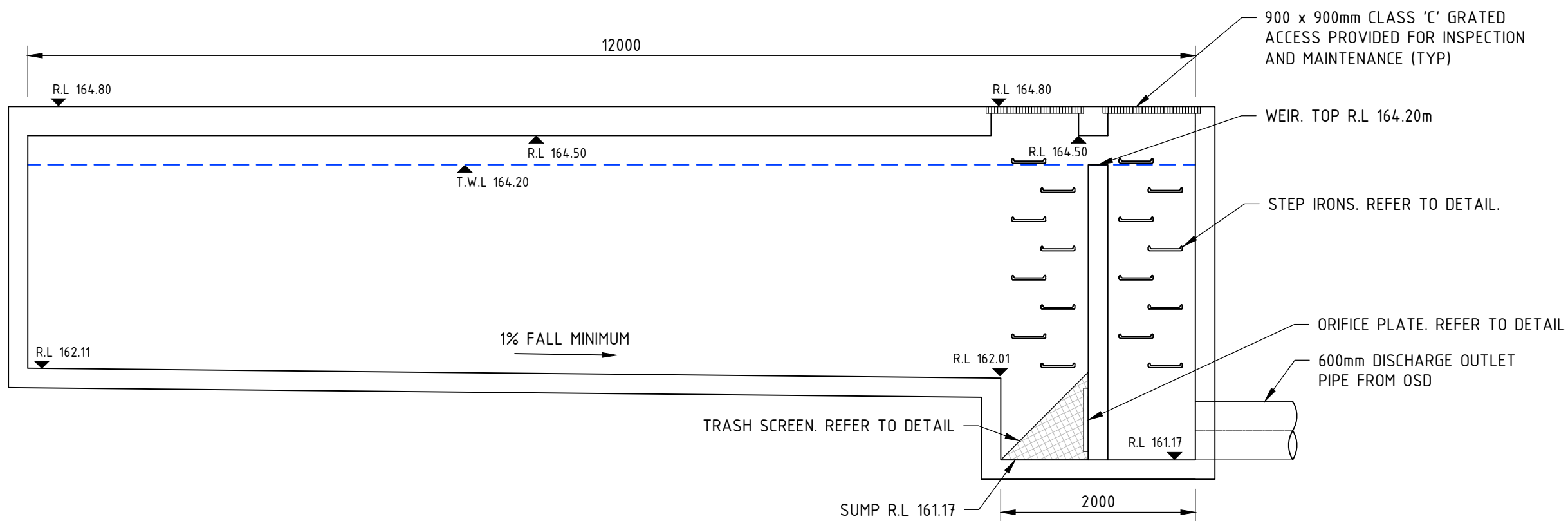
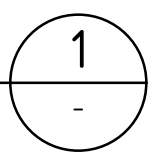
TYPICAL STEP IRON DETAILS

N.T.S.



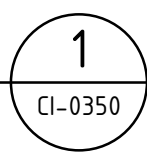
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SCALE 1:20

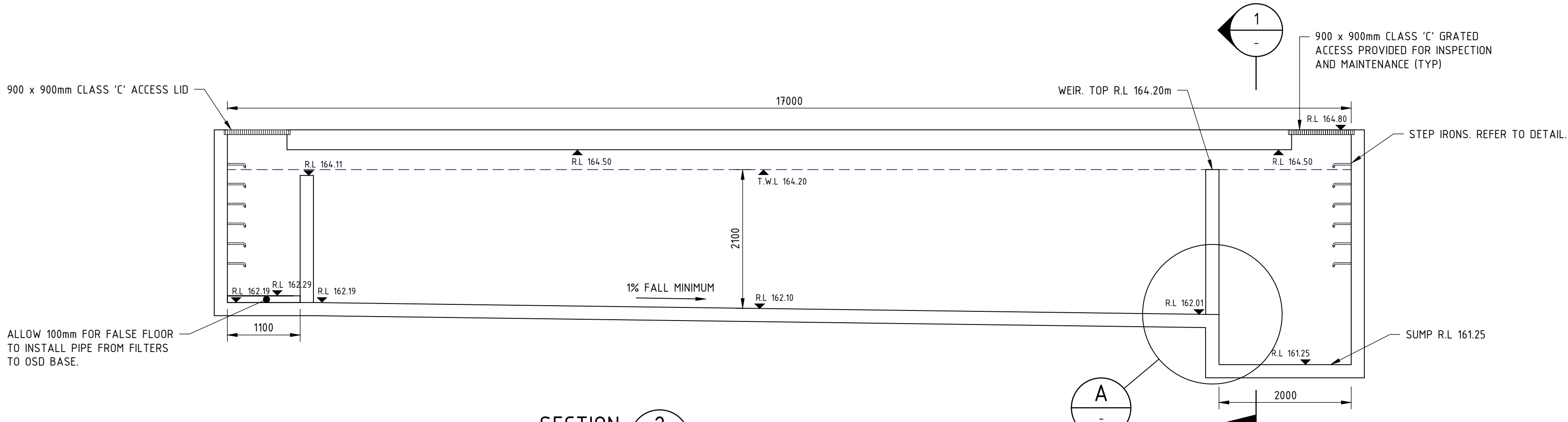


SECTION 1

SCALE 1:50

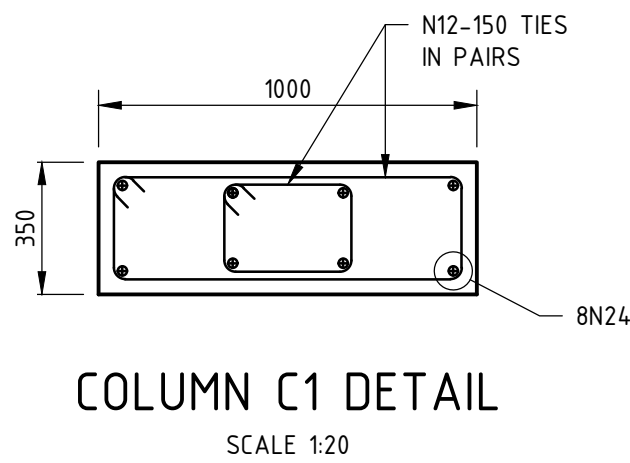
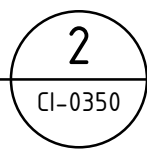


NOTE:  
REQUIRED VOLUME: 424.47 m<sup>3</sup>  
PROVIDED VOLUME: 428.4 m<sup>3</sup>  
REQUIRED PSD: 781.03 L/s  
PROVIDED PSD: 778.43 L/s



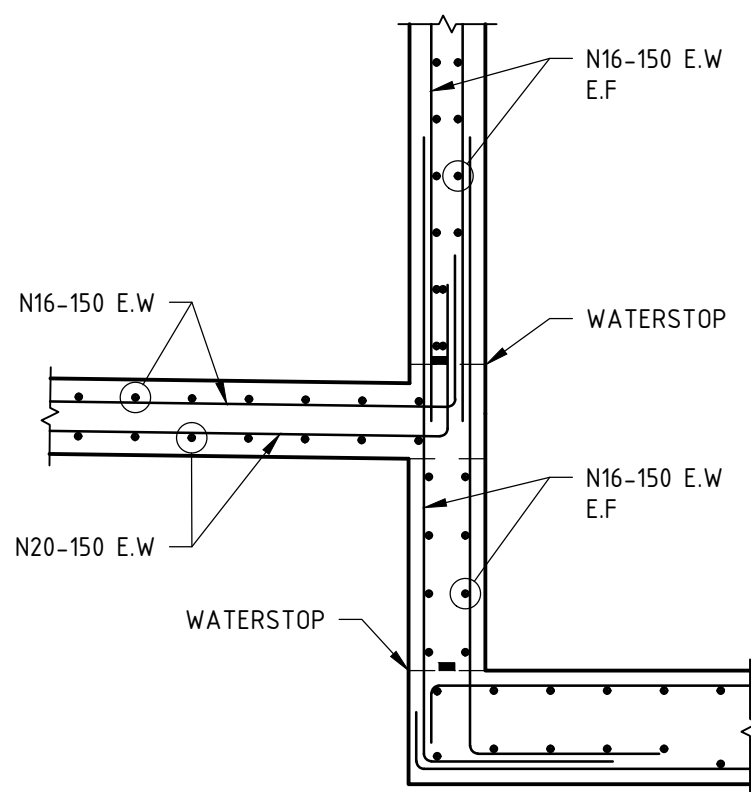
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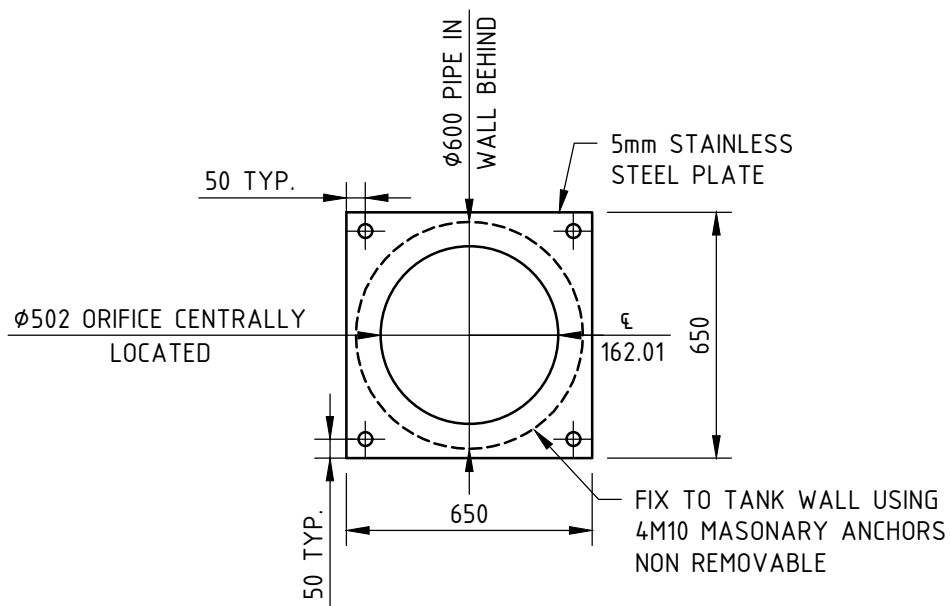
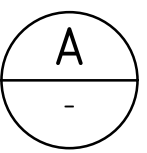
COLUMN C1 DETAIL

SCALE 1:20



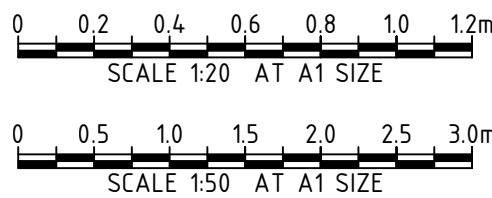
DETAIL A

SCALE 1:20



Ø502mm ORIFICE PLATE DETAIL

SCALE 1:20



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	28.02.2025	ISSUED FOR TENDER	SH				
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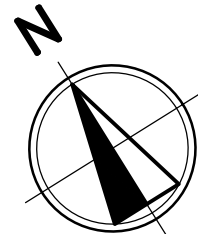


WILTON JUNCTION  
PUBLIC SCHOOL

STATUS			
ISSUED FOR TENDER NOT TO BE USED FOR CONSTRUCTION			
DRAWN JC	DESIGNED SM	CHECKED SH	APPROVED
DATUM AHD	GRID GDA2020 MGA-56	SCALE 1:20, 1:50	AT A1 SIZE

TITLE		
OSD SECTIONS AND DETAILS		
PROJECT No. S21306	DRAWING No. CI-0355	REV. C





LEGEND

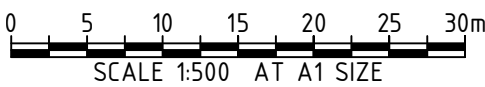
- SITE BOUNDARY
- LANDSCAPE
- PROPOSED SIGN POST
- PROPOSED BOLLARD
- PAVEMENT ARROWS
- DEDICATED SPACE
- SHARED AREA
- PS1 CONTINUOUS LINE - PARKING SPACE
- DL1 SINGLE BROKEN DIVIDING LINE
- GWP GIVE WAY LINE

SUB-ARTERIAL ROAD

ROAD 20

ROAD 14

ROAD 14



REVISIONS				REVISIONS			
REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
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A	31.01.2025	ISSUED FOR INFORMATION	SH				

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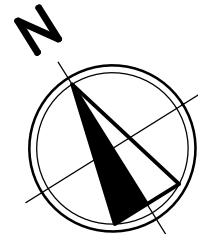
WILTON JUNCTION  
PUBLIC SCHOOL

STATUS			
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DRAWN JC	DESIGNED SM	CHECKED SH	APPROVED
DATUM AHD	GRID GDA2020 MGA-56	SCALE 1:500	AT A1 SIZE

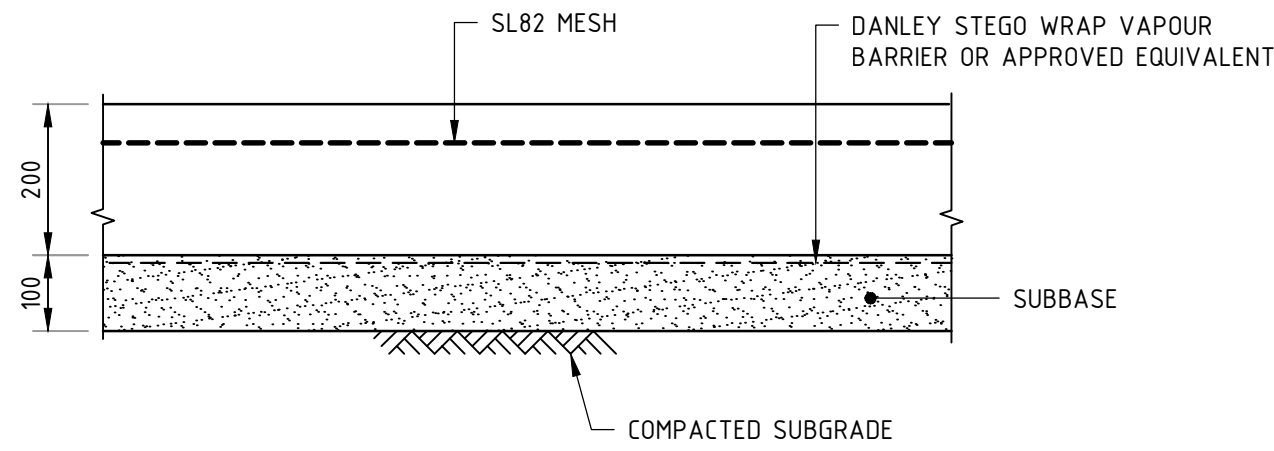
TITLE		
LINEMARKING AND SIGN PLAN		
PROJECT No. S21306	DRAWING No. CL-0400	REV. C

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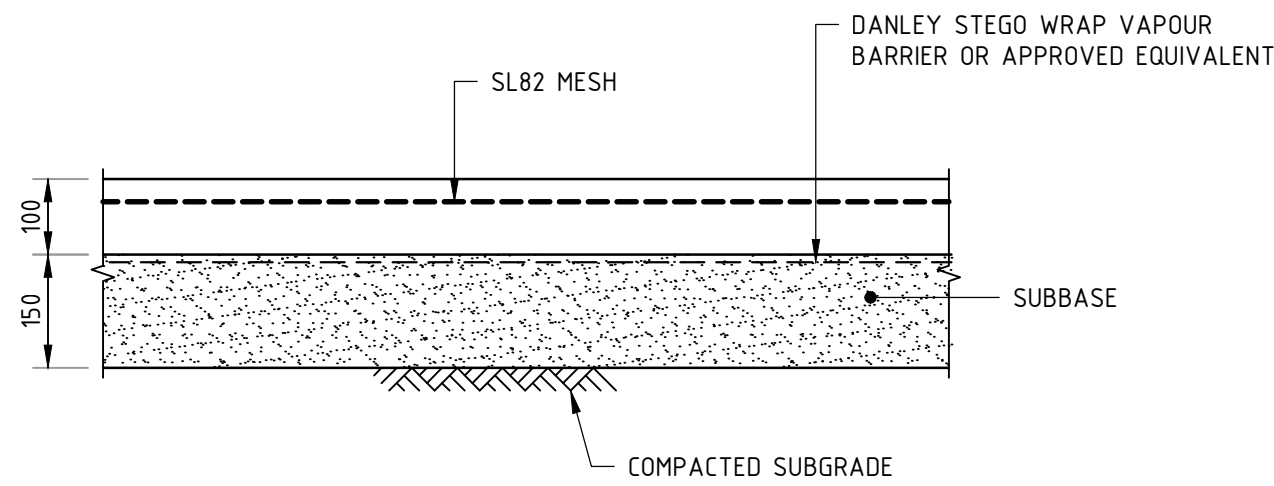




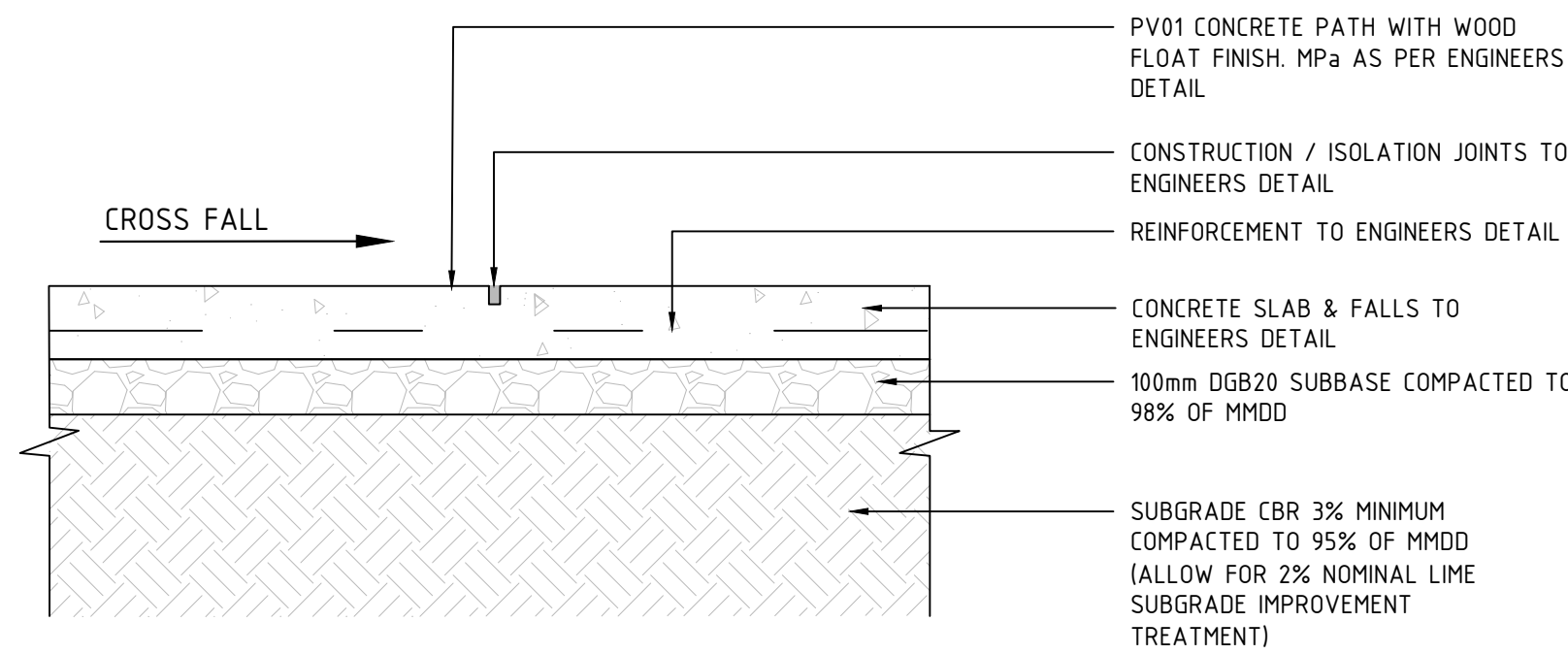




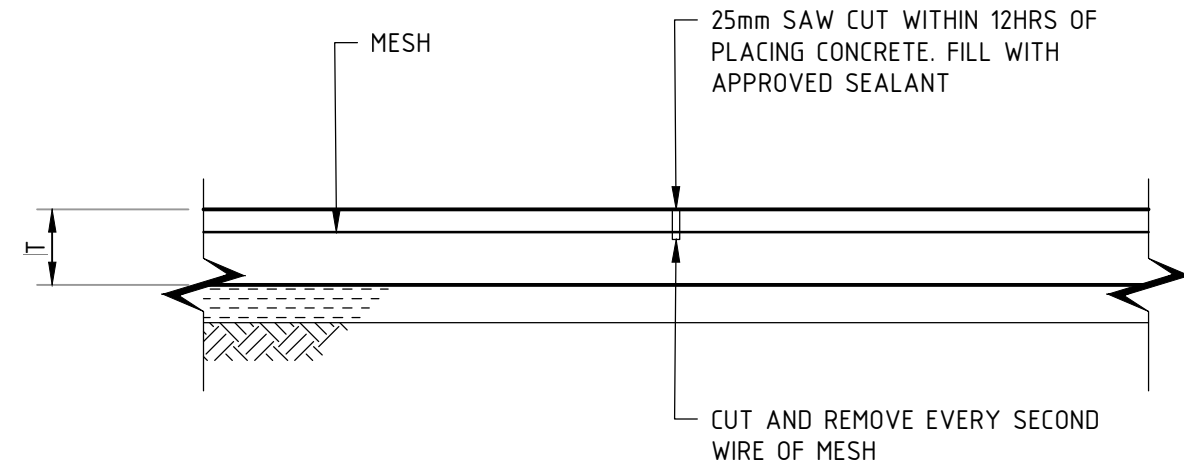
P1- TRAFFICABLE SLAB ON GROUND DETAIL  
SCALE 1:10



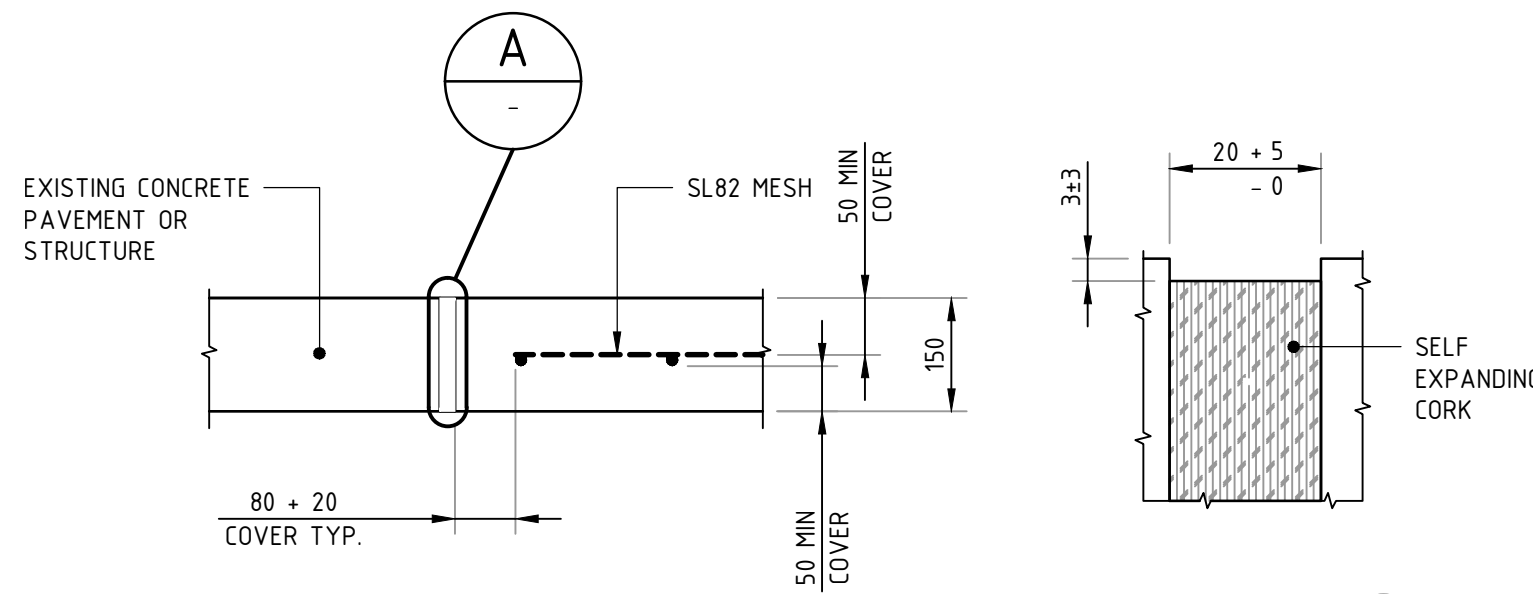
P2 - PEDESTRIAN SLAB ON GROUND DETAIL  
SCALE 1:10



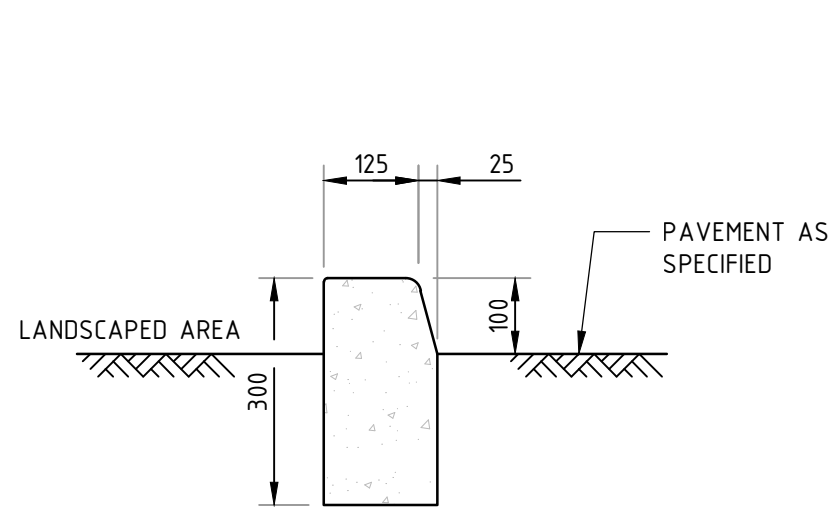
P1 & P2 - TYPICAL DETAIL - CONCRETE BUILDUP  
SCALE 1:10



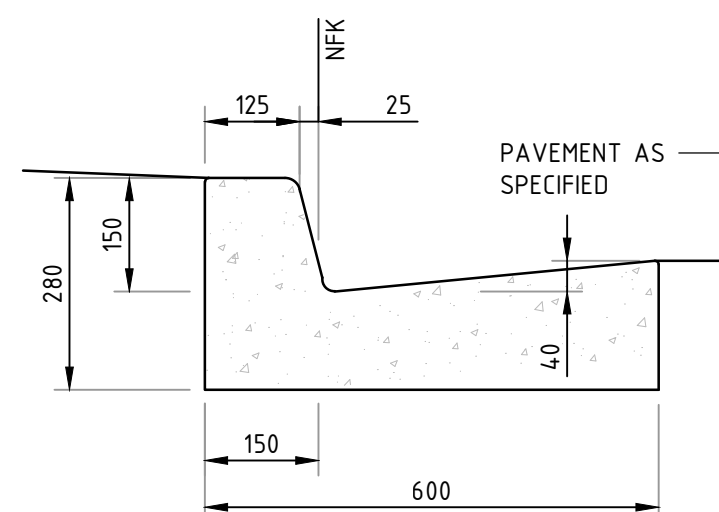
SLAB SAWN JOINT (SJ)  
SCALE 1:10



ISOLATION JOINT (IJ)  
SCALE 1:10

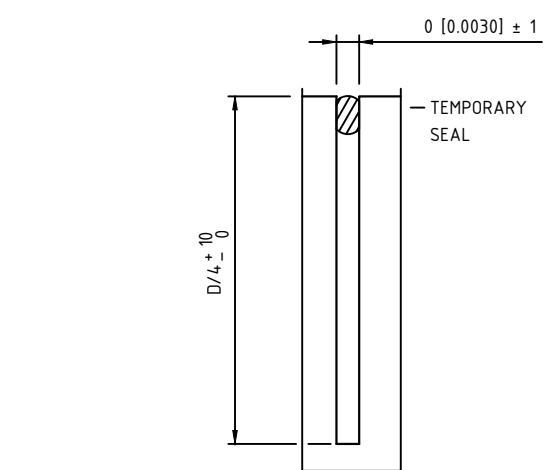


KERB ONLY (KO)  
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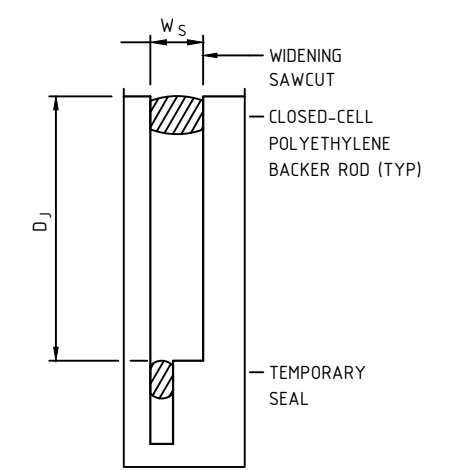


KERB AND GUTTER (K&G)  
SCALE 1:10

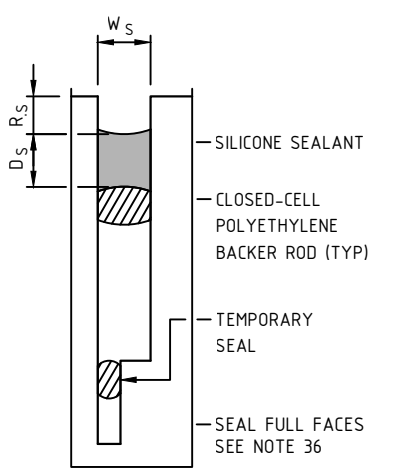
TABLE 10.1: UNTIED JOINTS -SILICONE SEALANT DIMENSIONS							
Joint Sealant Label	Slab Length L or Width W <sup>(a)</sup> (m)	Design Joint Opening (mm)	Sealant Width W <sub>s</sub> (mm)	Sealant Depth D <sub>s</sub> (mm)	Recess R <sub>s</sub> (mm)		Joint Depth D <sub>j</sub> (mm)
					Contractions	Isolations and Expansions	
JS1	≤ 4.6	2.1	7 (+3, -0)	7 (+3, -0)	5 ± 3	8 ± 2	35 ± 5



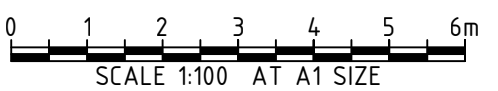
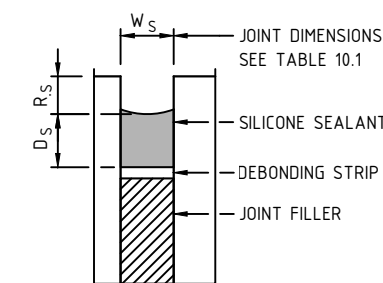
D1 - PRELIMINARY SEALING  
SCALE 1:20



D2 - TEMPORARY SEALING  
SCALE 1:20

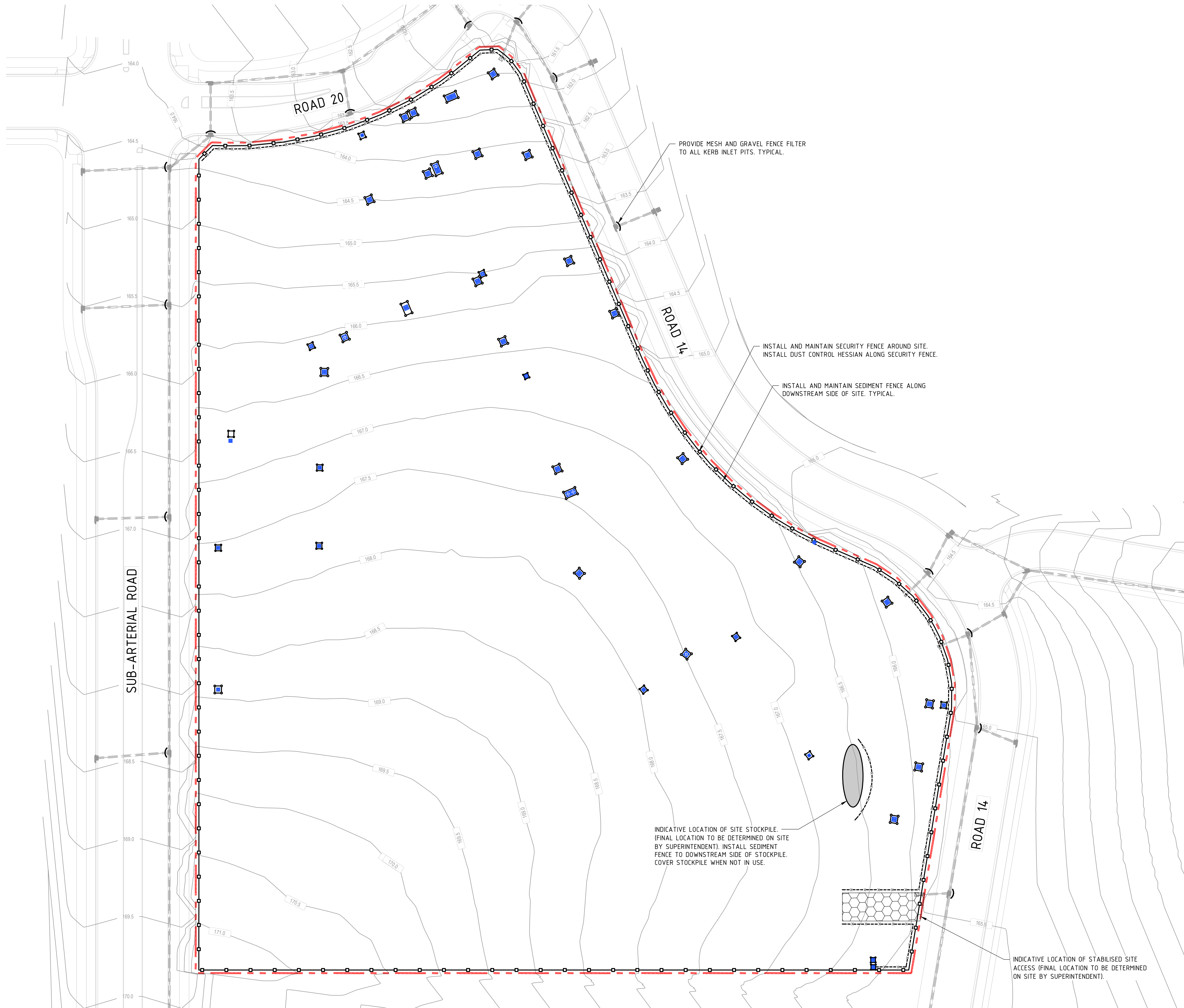
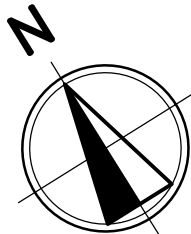


D3 - PERMANENT SEALING  
SCALE 1:20



				CLIENT								PROJECT				STATUS				TITLE			
																ISSUED FOR TENDER				PAVEMENT DETAILS			
																NOT TO BE USED FOR CONSTRUCTION							
																DRAWN							
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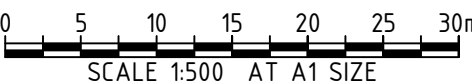


LEGEND

- SITE BOUNDARY
- SURVEY
- EXISTING SURFACE CONTOURS
- ROAD DRAINAGE NETWORK
- EXISTING INLET PITS
- CONSTRUCTION VEHICLE ENTRANCE/EXIT
- SEDIMENT FENCE
- SECURITY FENCE
- GEOTEXTILE INLET FILTER
- MESH & GRAVEL INLET FILTER
- SUGGESTED TEMPORARY STOCKPILE LOCATION

NOTES:

- REFER DRAWING CI-710 FOR EROSION AND SEDIMENT CONTROL DETAILS.
- CONTRACTOR TO ENSURE SITE DRAINAGE IS NOT ADVERSELY IMPACTED DURING CONSTRUCTION.
- CONTRACTOR TO PROVIDE 'SANDBAG SEDIMENT TRAP' TO ALL PAVED/ROAD AREAS (BOTH PROPOSED AND EXISTING) IN ACCORDANCE WITH THE 'BLUE BOOK'.
- CONTRACTOR TO PROVIDE 'GEOTEXTILE INLET FILTER TRAPS' TO ALL STORMWATER DRAINAGE INLETS (BOTH PROPOSED AND EXISTING) IN ACCORDANCE WITH THE 'BLUE BOOK'.
- INSTALL AND MAINTAIN SANDBAG FILTERS ACROSS ALL PAVEMENT INTERFACES.



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REV	DATE	DESCRIPTION	RVD	REV	DATE
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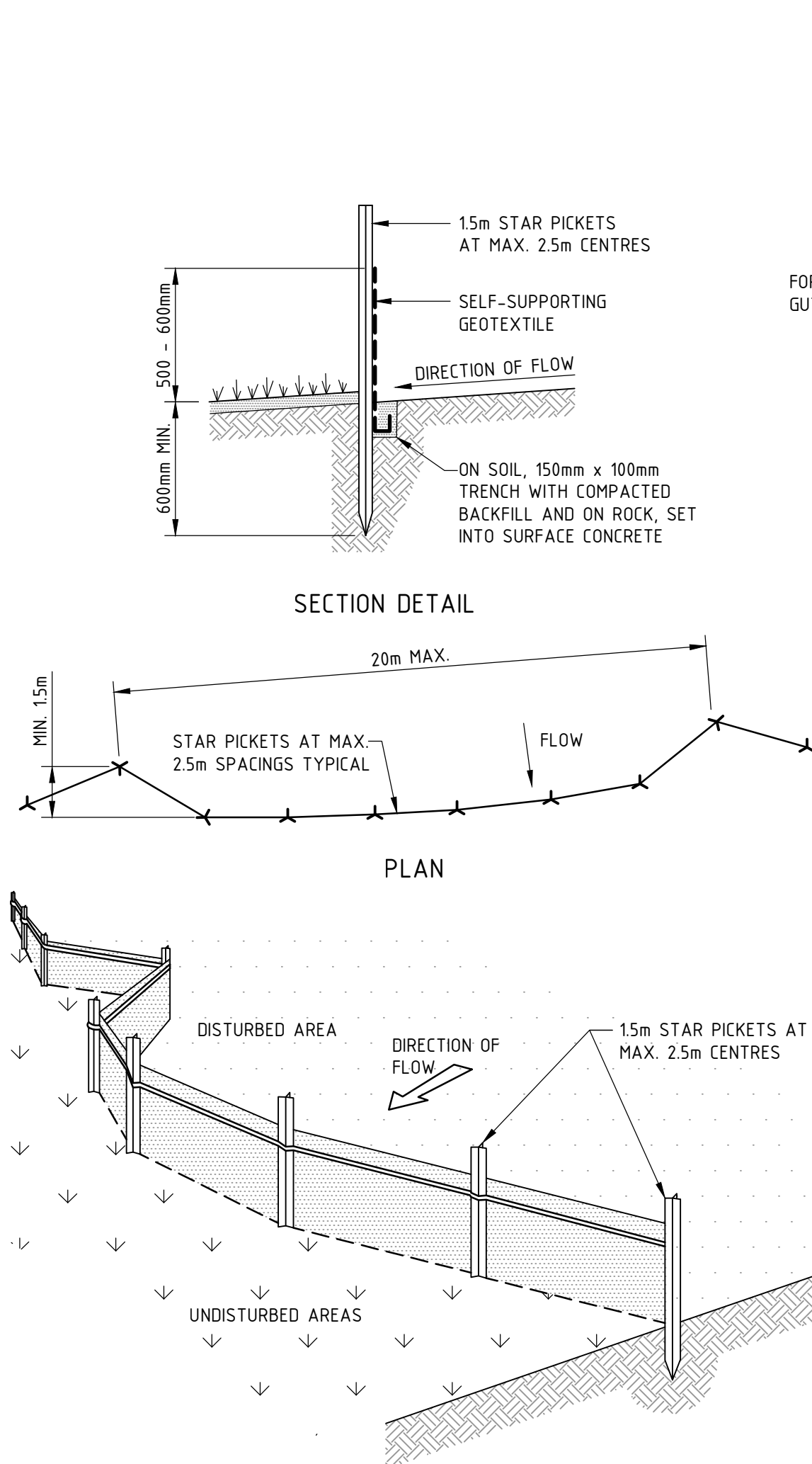


WILTON JUNCTION  
PUBLIC SCHOOL

STATUS			
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DRAWN	DESIGNED	CHECKED	APPROVED
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DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:500	

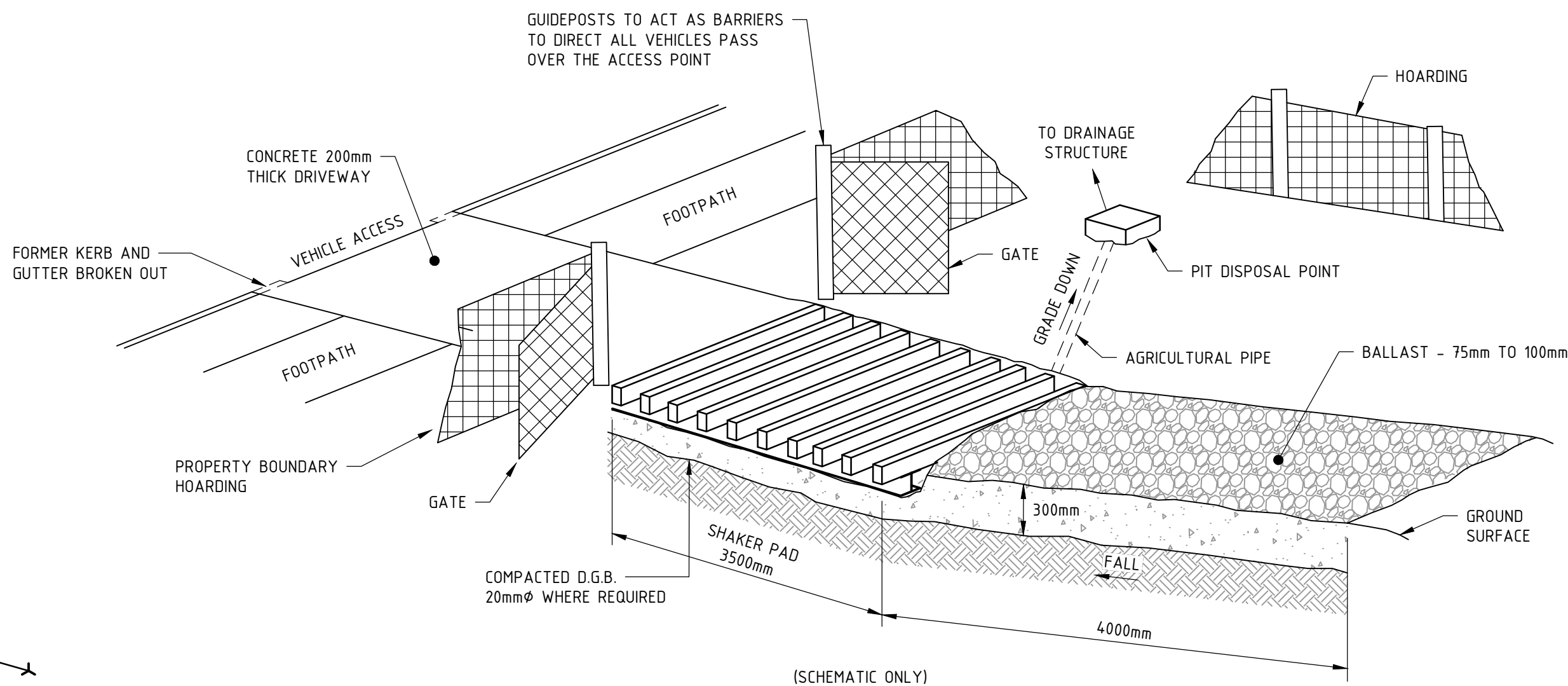
TITLE		
EROSION AND SEDIMENT CONTROL PLAN		
PROJECT No.	DRAWING No.	REV.
S21306	CI-0700	C



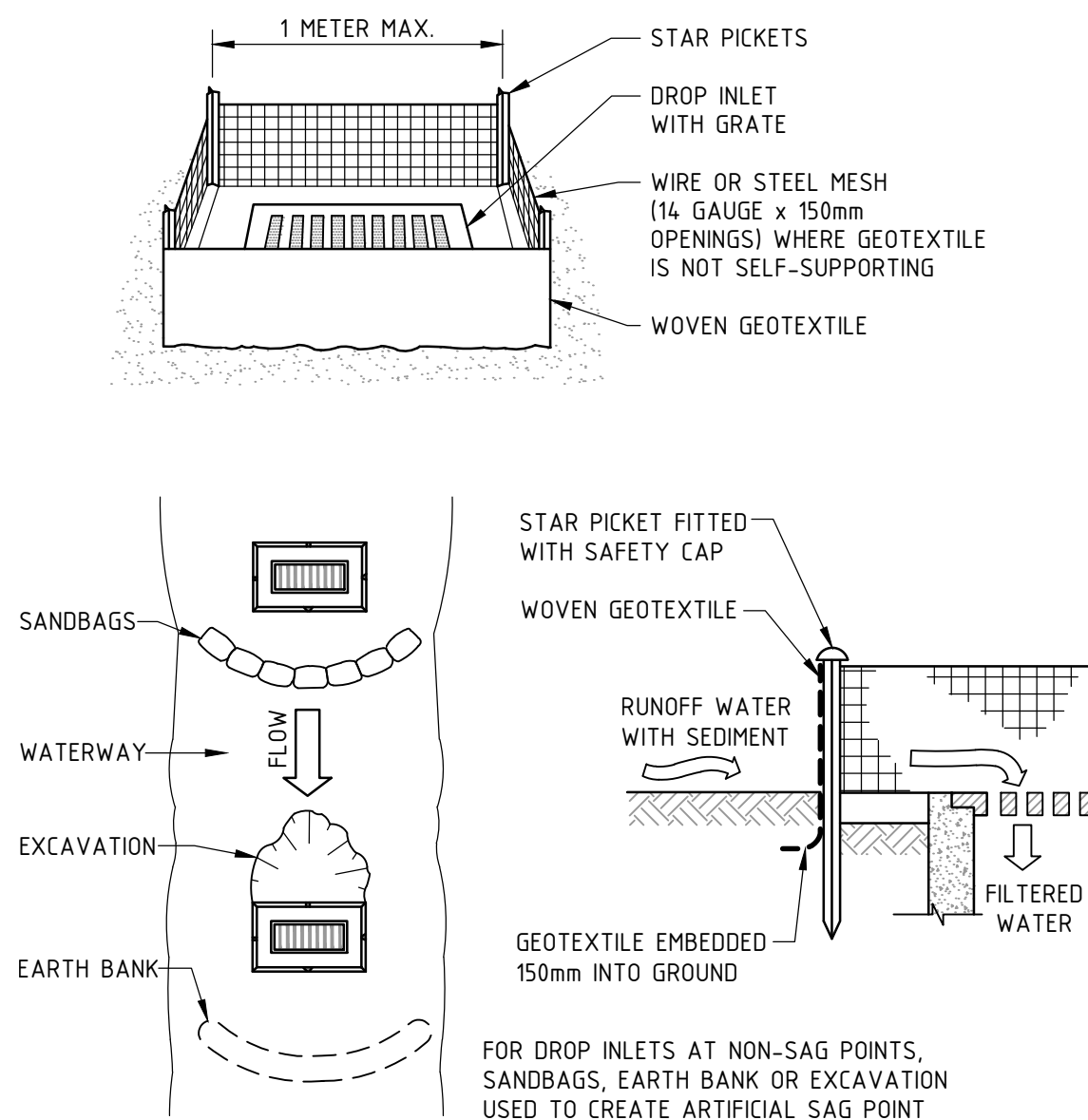
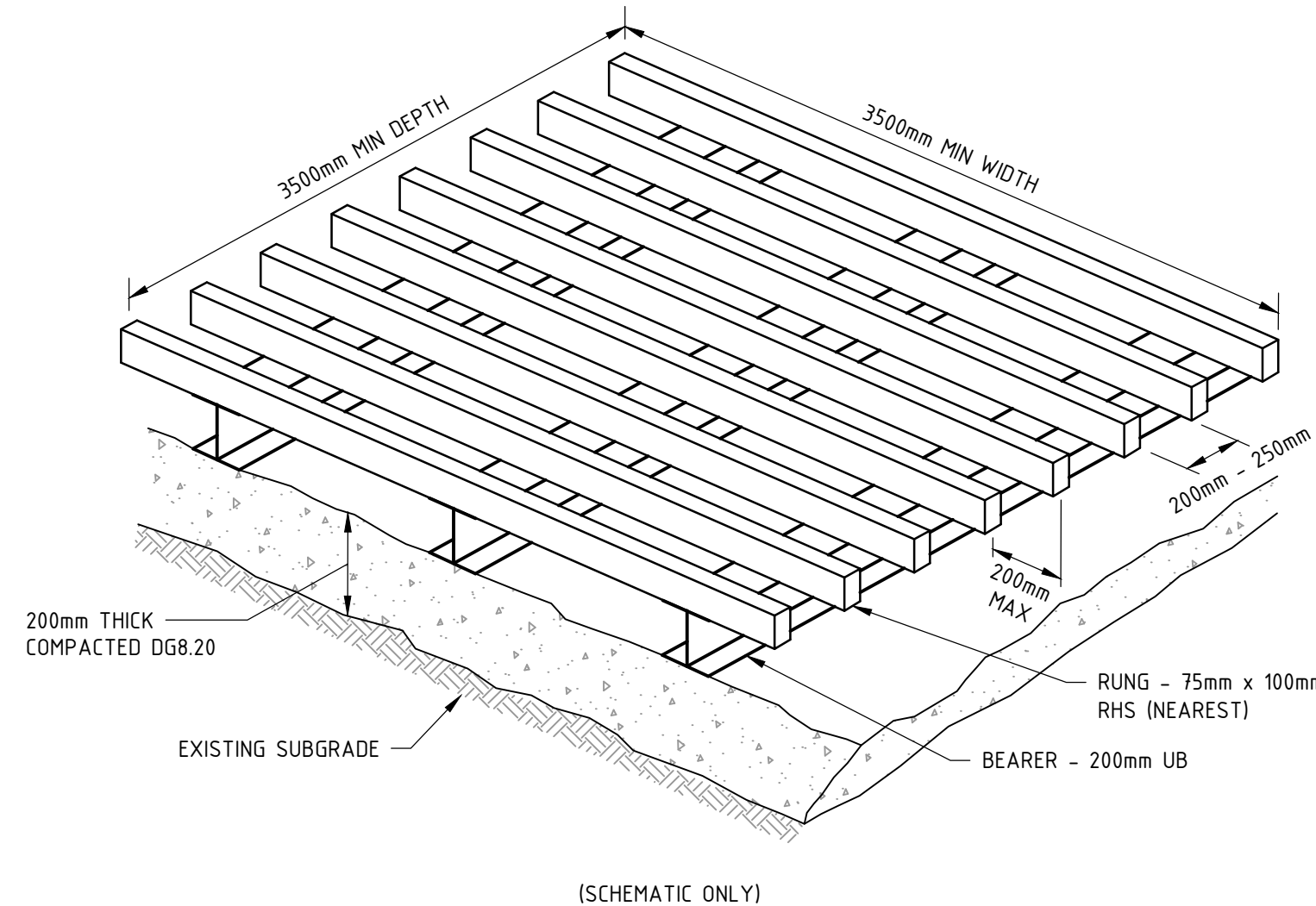


- SEDIMENT FENCE CONSTRUCTION NOTES:**
- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITERS PER SECOND 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 15m 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**  
SCALE N.T.S

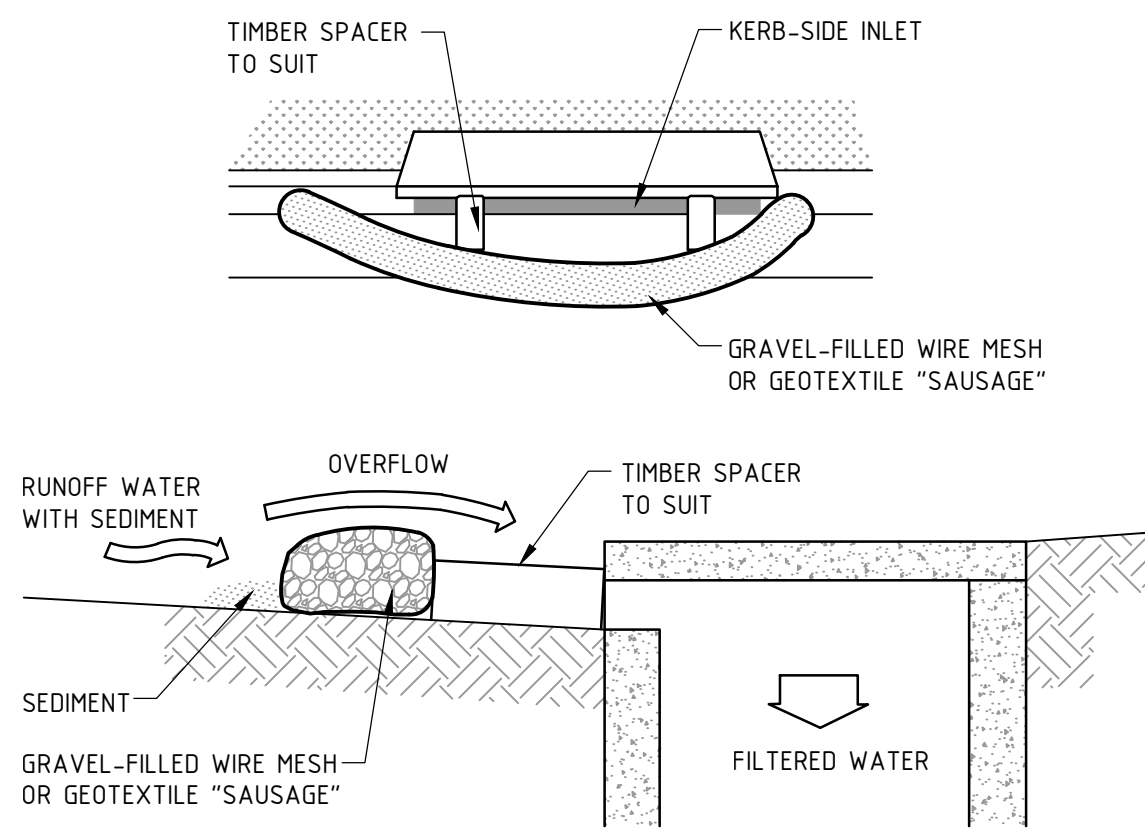


**STABILISED SITE ACCESS - SHAKER GRID**  
SCALE N.T.S



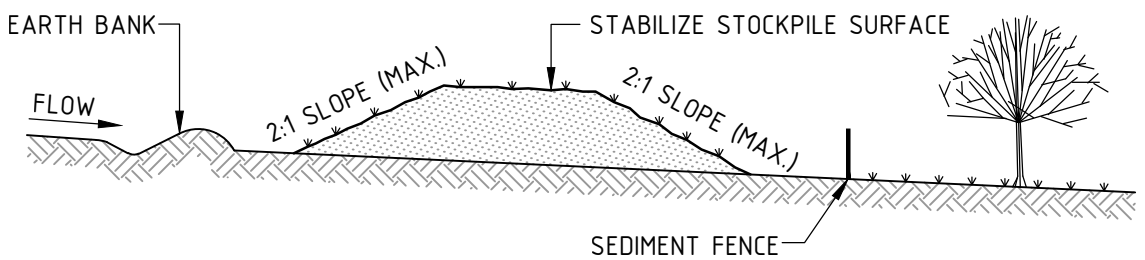
- GEOTEXTILE INLET FILTER CONSTRUCTION NOTES:**
- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
  - PICKET SPACING TO BE A MAXIMUM 1.0m CENTRES.
  - IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
  - DO NOT COVER THE INLET WITH GEOTEXTILES UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

**GEOTEXTILE INLET FILTER**  
SCALE N.T.S



- MESH & GRAVEL INLET FILTER 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 CAN FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

**MESH & GRAVEL INLET FILTER**  
SCALE N.T.S

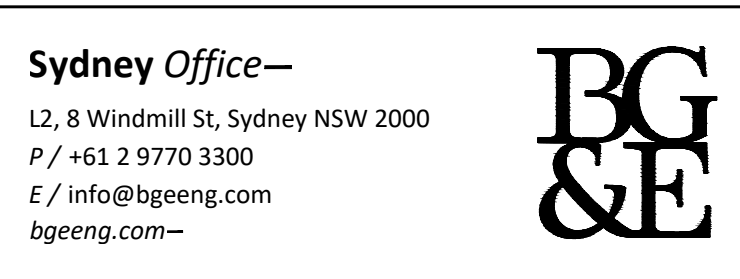


- STOCKPILE CONSTRUCTION NOTES:**
- PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
  - CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
  - WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
  - WHERE THEY ARE TO BE PLACE FOR MORE THAN 10 DAYS, STABILIZE 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.

**STOCKPILES**  
SCALE N.T.S

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REV	DATE	DESCRIPTION	RVD	REV	DATE
REVISIONS					

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AHD	GDA2020 MGA-56	AS SHOWN	

TITLE		
EROSION AND SEDIMENT CONTROL DETAILS		
PROJECT No.	DRAWING No.	REV.
S21306	CI-0710	C