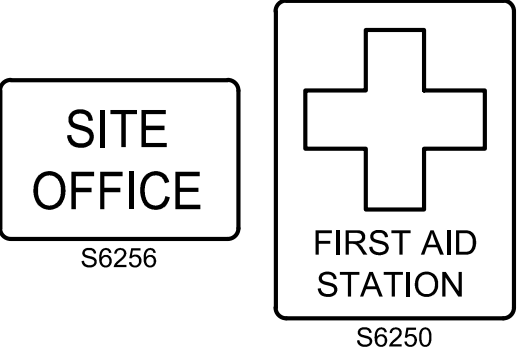


GENERAL NOTES

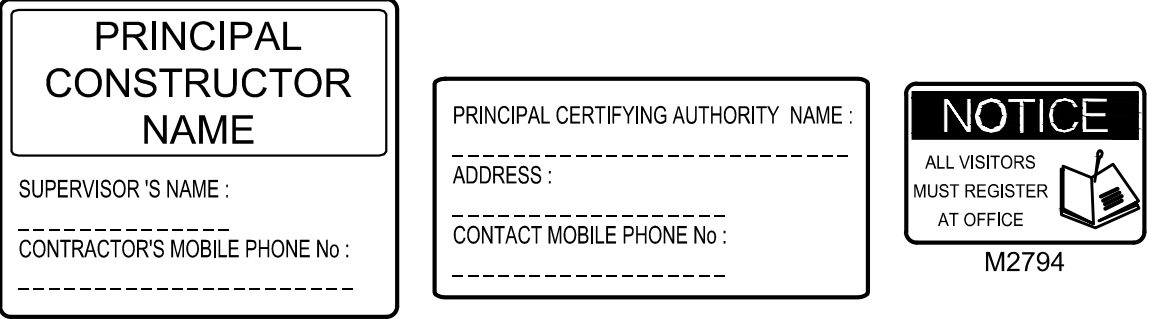
SURVEY

- S1 ALL SURVEY FOR THIS DESIGN IS SUPPLIED BY:
CARDNO. 23-25 FREDERICK STREET, ROCKDALE NSW 2216
PHONE (02) 9597 9700 FAX (02) 9599 2146.
- S2 ALL BEARINGS AND DISTANCES BY SURVEY.
- SS1 PRIOR TO COMMENCEMENT ON SITE, THE CONTRACTOR CONTRACTOR IS TO SUPPLY A PROJECT SPECIFIC SAFE WORK METHOD STATEMENT AND RISK ASSESSMENT TO THE CONTRACTOR FOR APPROVAL FOR ALL TASKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT 2011 & WORK HEALTH AND SAFETY REGULATION 2011.
- SS2 A PERMANENT CHAIN LINK SITE SECURITY FENCING 1.8m HIGH SHALL BE PROVIDED AS SHOWN ON THE DRAWING OR AS DIRECTED BY CAMDEN COUNCIL. A DOUBLE GATED ACCESS POINT IS TO BE PROVIDED IN THE VICINITY OF THE TEMPORARY CONSTRUCTION EXIT SHAKE DOWN RAMP AS SHOWN ON THE SOIL AND WATER MANAGEMENT PLAN.
- SS3 SIGNS SHALL BE ERECTED AND FIXED TO THE PERMANENT SITE SECURITY FENCES AROUND THE SITE AS FOLLOWS :

SITE OFFICE



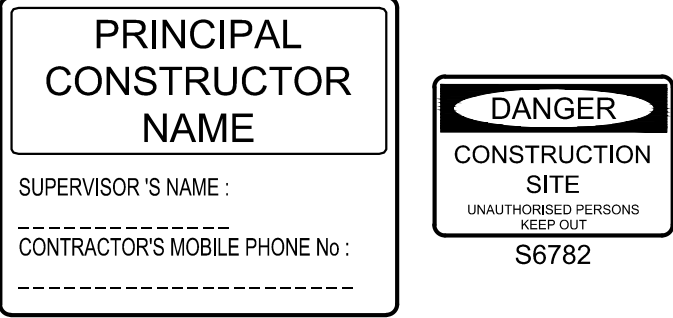
MAIN ENTRANCE GATE



ADDITIONAL EXIT GATES



ALONG SECURITY FENCE



- SS4 SAFETY SIGNS TO BE IN ACCORDANCE WITH AS 1319-1994 "SAFETY SIGNS FOR THE OCCUPATIONAL ENVIRONMENT" AND THE CONTRACTORS WH&S REQUIREMENTS. ALL SIGNS AND NUMBERS SHOWN ABOVE ARE SITE SPECIFIC "SETON BUILDING SIGNS" OR APPROVED EQUIVALENT.
- SS5 THE "CODE OF PRACTICE - EXCAVATION WORK". BY WORKCOVER AUTHORITY OF NSW SHALL BE ADOPTED FOR SAFETY PREVENTION IN ISOLATING HAZARDOUS AREAS. THE USE OF PERIMETER FENCING, BARRICADES, SCREENS, BARRIERS, HANDRAILS AND COVERS, WHICH ARE CAPABLE OF PREVENTING ACCESS OR PREVENTING THE FALL OF A PERSON ARE TO BE USED.
- SS6 A SAFE SYSTEM FOR WORK AND APPROPRIATE CONTROL MEASURES MUST BE PROVIDED WHERE PERSONS ARE EXPOSED TO A RISK OF FALLING DURING EXCAVATION WORK. ALL EXCAVATIONS AND HOLES MORE THAN 1.5m DEEP ARE TO BE EFFECTIVELY FENCED.
- SS7 BARRIER MESH FENCES ARE TO BE ERECTED AT THE TOP OF ALL CUTTINGS AND RESTRICTED AREAS. ALL BARRIER MESH SHALL BE SUPPORTED BY STAR POSTS AT 5.0m CENTRES. BARRIER MESH TO BE SUPPORTED BY A SINGLE STRAND OF 10 GAUGE WIRE RUN BETWEEN POSTS (BARRIER MESH TO BE FIXED TO THE STAR POSTS AT TOP AND BOTTOM OF EACH STAR POST). ALL STAR POSTS TO BE CAPPED WITH STAR POST CAPS.
- SS8 SINGLE STRANDED PLASTIC TAPES SHOULD NOT BE USED AS A BARRIER FENCE.
- SS9 THE FENCING SHOWN IS INDICATIVE ONLY. THIS SHOULD FORM PART OF THE CONTRACTORS WORK METHOD.
- SS10 "DIAL BEFORE YOU DIG" TO BE NOTIFIED ON PH 1100 WITHIN 30 DAYS OF ANY EXCAVATION IN ACCORDANCE WITH THE ENERGY LEGISLATION AMENDMENT (INFRASTRUCTURE PROTECTION) ACT 2009.
- SS11 TOILET FACILITIES SHALL BE PROVIDED AND MAINTAINED ON SITE AT THE RATE OF 1 TOILET FOR EVERY 20 PERSONS OR PART THERE OF EMPLOYED AT THE SITE.

EROSION AND SEDIMENT

- ES1 ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE IN ACCORDANCE WITH LANDCOM "SOILS AND CONSTRUCTION MANUAL VOLUME 1, MARCH 2004" AND CAMDEN COUNCIL, "ENGINEERING DESIGN SPECIFICATION".
- ES2 WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
- (A) INSTALL EROSION AND SEDIMENT CONTROLS.
- (B) STRIP AND STOCKPILE TOPSOIL AND CARRY OUT ALL BULK EARTHWORKS.
- (C) TOPSOIL AND REHABILITATE BULK EARTHWORK AREAS IMMEDIATELY UPON COMPLETION.
- (D) UNDERTAKE REMAINING SITE WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS.
- (E) REMOVE SOIL AND WATER MANAGEMENT WORKS NOT REQUIRED FOR OTHER STAGES OF CONSTRUCTION ONCE UPSTREAM SURFACES ARE STABILISED TO THE SATISFACTION OF THE HILLS SHIRE COUNCIL.

EROSION CONTROL MEASURES

- EC1 CONTROLS AFFECTED BY WORKS ARE TO BE RE-ESTABLISHED PRIOR TO THE COMPLETION OF EACH DAYS WORK.
- EC2 THE CONTRACTOR IS TO STABILISE TOPSOIL STOCKPILE AND BARE AREAS AS SOON AS THEY REACH FINAL LEVELS. STABILISATION TO BE BY HYDROSEEDING OR OTHER METHOD APPROVED BY CAMDEN COUNCIL. ALL SEEDED AREAS TO BE WATERED TWICE WEEKLY UNTIL GRASS IS ESTABLISHED OR COVERED WITH BITUMEN STRAW MULCH. SEED MIXTURE FOR FOOTWAYS AND EMBANKMENTS TO BE IN ACCORDANCE WITH THE FOLLOWING:
- * A RECOMMENDED LIST OF PLANT SPECIES FOR TEMPORARY COVER IS :
- JAPANESE MILLET 25kg/ha } SPRING
 - OATS (RYECORN) 25kg/ha } SUMMER
 - JAPANESE MILLET 10kg/ha } AUTUMN
 - OATS (RYECORN) 30kg/ha } WINTER
- GYPSUM AND MULTIGROW ENRICH FERTILIZER AT RATES TO BE DETERMINED BY SUBSOIL AND TOPSOIL TESTING.
- * A RECOMMENDED LIST OF PLANT SPECIES FOR PERMANENT GRASSING IS :
- DURATURF PARK BLEND (WRIGHT STEPHENSON SEED MIX) + COVER CROP
 - JAPANESE MILLET 10kg/ha
 - OATS (RYECORN) 10kg/ha
 - THOROUGHBREDE TURF TALL FESCUE 15kg/ha
 - PERENNIAL RYEGRASS 37kg/ha
 - CHEWINGS FESCUE 5kg/ha
 - UNMULLED COUCH 4kg/ha
 - TACKIFYING AGENT (CURASOL OR SIMILAR)
- EC3 WHERE SURFACE SLOPES ARE MORE THAN 6H:1V BITUMEN STRAW MULCH SHALL BE APPLIED AFTER SEEDING AT THE FOLLOWING RATES.
- MULCH 0.5kg/m²
 - BITUMEN EMULSION 0.25 l/m² (50% WATER, 50% SLOW BREAKING ANIONIC EMULSION MIX).
- EC4 DUST CONTROL MEASURES SHALL BE IMPLEMENTED CONTINUOUSLY DURING CONSTRUCTION WORKS THROUGH REGULAR WATERING.
- EC5 TOPSOIL SHALL BE RESPREAD AND STABILISED AS SOON AS POSSIBLE. DISTURBED AREAS SHALL BE LEFT WITH A SCARIFIED SURFACE TO ENCOURAGE WATER INFILTRATION AND ASSIST KEYING IN TOPSOIL.
- EC6 THE CONTRACTOR SHALL TEMPORARILY REHABILITATE ANY DISTURBED AREAS WITHIN 14 DAYS. WHERE FINAL SHAPING HAS OCCURRED THE CONTRACTOR SHALL PROVIDE FINAL REHABILITATION WITHIN 7 DAYS.
- EC7 THE AREA OVER ALL STORMWATER AND SEWER LINES NOT IN STREETS IS TO BE MULCHED AND SEEDED AS SOON AS POSSIBLE BUT NO LATER THAN WITHIN 14 DAYS AFTER BACKFILL.
- EC8 NO MORE THAN 150m OF TRENCH IS TO BE OPEN AT ANY ONE TIME.
- EC9 AREAS OVER ELECTRICITY POWER, TELEPHONE AND GAS SUPPLY TRENCHES ARE TO BE SEEDED AND MULCHED AS SOON AS POSSIBLE BUT NO LATER THAN WITHIN 14 DAYS AFTER BACKFILL.
- EC10 ALL TEMPORARY EARTH BERMS, DIVERSION AND SEDIMENT BASIN EMBANKMENTS ARE TO BE TRACK ROLLED, SEEDED OR MULCHED FOR TEMPORARY VEGETATION COVER AS SOON AS THEY HAVE BEEN FORMED.
- EC11 ESTABLISHMENT OF FIRE BREAKS SHALL BE CARIED OUT IN CONSULTATION WITH A FIRE CONTROL OFFICER.

SEDIMENT CONTROL MEASURES

- SC1 DURING EARTHWORKS,CARPARK WORKS, ROADWORKS, TEMPORARY DIVERSION BANKS SHOULD BE CONSTRUCTED TO LIMIT SLOPE LENGTH, WHERE POSSIBLE, IN ACCORDANCE WITH THE FOLLOWING:
- | RECOMMENDED MAXIMUM SPACING BETWEEN CROSS BANKS ON ALL ROADS. | |
|---|---------------------|
| SLOPE | MAXIMUM SPACING (m) |
| 0 TO 1% | 150 |
| 1 TO 3% | 100 |
| 3 TO 5% | 70 |
| 5 TO 10% | 50 |
| 10 TO 17% | 16 |
- SC2 ALL STORMWATER PITS TO BE COVERED OR DROP INLET SEDIMENT TRAPS PROVIDED IN ACCORDANCE WITH DRAWINGS No. DR-200 AND DR-201. KERB INLET SEDIMENT TRAPS ARE TO BE INSTALLED AFTER COMPLETION OF PAVING.
- SC3 SEDIMENT TRAPS ARE TO BE MAINTAINED SUCH THAT:
- (A) SEDIMENT IS REMOVED SUCH THAT NO LESS THAN 70% OF THE DESIGN CAPACITY REMAINS AT ANY ONE TIME.
- (B) MATERIALS ARE REPLACED OR REPAIRED AS REQUIRED TO ENSURE SERVICEABILITY OF BOTH THE ELEMENT AND THE TRAP.
- SC4 PERMANENT DRAINAGE STRUCTURES INCLUDING PIPES AND PITS ARE TO BE HANDED OVER IN A CLEAN CONDITION AT THE COMPLETION OF THE CONTRACT MAINTENANCE PERIOD.
- SC5 FOLLOWING COMPLETION AND RESTORATION OF SITE, REMOVE ALL MATERIALS AND FILL DIVERSION DRAINS, WATERWAYS AND SEDIMENT TRAPS COMPACT IN ACCORDANCE WITH SPECIFICATION TO MATCH LEVELS OF THE PREVIOUSLY COMPLETED WORKS. PROVIDE 150mm TOPSOIL AND HYDROSEED.

- SC6 ALL TREES OTHER THAN THOSE IDENTIFIED FOR REMOVAL SHALL BE RETAINED UNLESS APPROVED FOR REMOVAL BY CAMDEN COUNCIL.
- SC7 STRIP TOPSOIL OVER THE SITE TO AN AVERAGE DEPTH OF 100mm UNLESS OTHERWISE APPROVED BY CAMDEN COUNCIL. TOP SOIL STOCKPILES SHALL NOT EXCEED 2m IN HEIGHT AND BATTER SLOPES TO BE 3H:1V MAXIMUM.
- SC8 AN ACCESS POINT TO ALLOW MACHINE ENTRY / EXIT ARE TO INCLUDE A ROUNDED EARTH MOUND 0.3m HIGH WITH 10H:1V BATTERS.
- SC9 "NO TRAFFIC AREA" TO BE ENCLOSED WITH "BARRICADE WEBBING" FENCE TO MAINTAIN EXISTING PASTURE DOWNSLOPE FROM SEDIMENT CONTROL - LEVEL SPREADER. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR DISTURB ANY AREAS OUTSIDE THE CATCHMENT AREA.
- SC10 THE CONTRACTOR SHALL PROVIDE A 0.4m WIDE TURF STRIP BEHIND ALL KERB AND GUTTER AT COMPLETION OF FOOTPATH FORMATION AND 1.0m WIDE AROUND ALL SURFACE INLET PITS.
- SC11 THE CONTRACTOR SHALL MAINTAIN A LOG BOOK DETAILING
- RECORDS OF ALL RAINFALL
 - CONDITION OF SOIL AND WATER MANAGEMENT STRUCTURES
 - ANY ADDITIONAL REMEDIAL WORKS REQUIRED
- THE LOG BOOK SHALL BE MAINTAINED ON A DAILY BASIS AND BE MADE AVAILABLE TO ANY AUTHORISED PERSON UPON REQUEST. THE ORIGINAL LOG BOOK SHALL BE ISSUED TO THE PROJECT MANAGER AT THE COMPLETION OF THE WORKS.
- SC12 THE CONTRACTOR SHALL AT ALL TIMES RESTRICT CONSTRUCTION EQUIPMENT MOVEMENT TO THE ESSENTIAL CONSTRUCTION AREAS. THE CONTRACTOR SHALL NOT EXTEND LAND DISTURBANCE BEYOND 2m FROM THE EDGE OF ANY ESSENTIAL CONSTRUCTION ACTIVITY.
- SC13 THE CONTRACTOR SHALL PROVIDE CATCH DRAINS AT THE BOTTOM OF ALL BATTERS AND DIVERT THE CATCH DRAINS AND ANY TAIL OUT DRAINS TO DRAIN TO THE NEAREST STORMWATER PIT.

EARTHWORKS

- EW1 EARTHWORKS TO BE CARRIED OUT TO THE SATISFACTION OF CAMDEN COUNCIL. UNSOUND MATERIALS NOT IN ACCORDANCE WITH THE SPECIFICATION ARE TO BE REMOVED FROM ROADS AND BUILDING AREAS PRIOR TO FILLING. ALL TESTING OF EARTHWORKS SHALL BE UNDERTAKEN BY THE CONTRACTOR APPOINTED GEOTECHNICAL TESTING AUTHORITY.
- EW2 WHERE THE SLOPE OF THE NATURAL SURFACE EXCEEDS ONE IN FOUR (1:4), BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY CAMDEN COUNCIL.
- EW3 THE CONTROL TESTING OF EARTHWORKS BY THE CONTRACTOR APPOINTED GEOTECHNICAL TESTING AUTHORITY SHALL BE IN ACCORDANCE WITH THE GUIDELINES IN AS 3798-2007. WHERE IT IS PROPOSED TO USE TEST METHOD AS 1289 5.8.1-2007 TO DETERMINE THE FIELD DENSITY OF SOIL, A NUCLEAR SURFACE MOISTURE-DENSITY GAUGE IN THE DIRECT TRANSMISSION MODE OF OPERATION SHALL BE USED TO CONFIRM THE RESULTS, AS DIRECTED BY CAMDEN COUNCIL. THE GEOTECHNICAL TESTING AUTHORITY SHALL HAVE A LEVEL 2 RESPONSIBILITY AS DEFINED IN SECTION 8.3 AS 3798-2007, AND AT THE END OF THE WORKS SHALL CERTIFY IN A WRITTEN REPORT THAT THE EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION AND DRAWINGS.
- EW4 AN AREA CLASSIFICATION REPORT IN ACCORDANCE WITH AS 2870-2011 AND CERTIFIED BY THE GEOTECHNICAL TESTING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR'S APPOINTED GEOTECHNICAL TESTING AUTHORITY PRIOR TO THE RELEASE OF THE AREA FOR BUILDING.
- EW5 ALL TOPSOIL TO BE STRIPPED AND STOCKPILED ONSITE FOR LATER USE. REUSE ALL EXISTING SOIL MATERIAL ON THE SITE AS FEASIBLE.
- EW6 ALL SPOIL TO BE DISPOSED OF OFF SITE TO AN APPROVED DISPOSAL SITE.
- EW7 AT THE TOP OF ALL EXCAVATED BATTERS OVER 1.5m HIGH PROVIDE A BARRIER FENCE.
- EW8 ALL FILLS ARE TO BE LEFT WITH A WINDROW AT LEAST 200mm HIGH AT THE TOP OF THE SLOPE AT THE END OF EACH DAY'S EARTHWORKS, AND ALL EARTHWORK AREAS SHALL BE ROLLED EACH EVENING TO "SEAL" THE EARTHWORKS.

ROADWORKS GENERAL

- G1 THE CONTRACTOR SHALL OBTAIN ALL LEVELS FROM ESTABLISHED BENCH MARKS ONLY AS SUPPLIED BY THE APPOINTED SURVEYORS.
- G2 SERVICES SHOWN ON THESE PLANS ARE LOCATED FROM INFORMATION SUPPLIED BY THE RELEVANT AUTHORITIES AND FIELD INVESTIGATIONS AND ARE NOT GUARANTEED COMPLETE OR CORRECT. ALL SERVICE LOCATIONS ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- G3 NO WORK TO BE CARRIED OUT ON ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNER.
- G4 VEHICULAR ACCESS AND ALL SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO AREAS AFFECTED BY CONSTRUCTION.
- G5 ALL RUBBISH, BUILDINGS, SHEDS, FENCES, AND POWER POLES ARE TO BE REMOVED IN ACCORDANCE WITH THE SPECIFICATION.
- G6 NO TREES TO BE REMOVED OTHER THAN THOSE AFFECTED BY THE WORKS.

ROADWORKS

- R1 PAVEMENT DEPTHS SHOWN ON CROSS SECTIONS ARE FOR DESIGN PURPOSE ONLY. ALL DEPTHS TO BE CONFIRMED FOLLOWING INSITU SUBGRADE CBR TESTING DURING CONSTRUCTION.
- R2 SUBGRADE, SUBBASE AND BASE COURSES ARE TO BE COMPACTED TO THE REQUIREMENTS OF THE GEOTECHNICAL REPORT.
- R3 GUTTER SLOTS ARE TO BE PROVIDED AT REGULAR INTERVALS AND AT PITS (ONLY WHERE TEMPORARY SEAL FINISHES BELOW LIP OF GUTTER).
- R4 SUBSOIL DRAINS TO BE CONSTRUCTED AT BACK OF ALL KERBS LOCATED IN CUT AND ON THE HIGH SIDE OF ALL ROADS, AS SHOWN ON DRAWINGS OR AS DIRECTED BY CAMDEN COUNCIL.
- R5 KERB OUTLETS FOR HOUSE ROOFWATER DRAINAGE ARE TO BE PLACED IN THE KERB ON THE LOW SIDE OF LOTS OR BUILDING WITH A SUITABLE ADAPTOR TO ALLOW FOR CONNECTION OF A 90mm DIA HOUSE STORMWATER PIPE..
- R6 PROPOSED SERVICES CROSSING EXISTING ROADS SHALL BE THRUST BORED UNDER THE ROAD SO AS NOT TO DAMAGE THE EXISTING SURFACE.
- R7 PUBLIC UTILITY SERVICES ARE TO BE ADJUSTED AS NECESSARY (AT DEVELOPERS COST).
- R8 ALL BATTERS ARE TO BE SCARIFIED TO ASSIST WITH ADHESION OF TOPSOIL TO BATTER FACE IN ACCORDANCE WITH THE SPECIFICATION.

- R9 PROVIDE 150mm TOPSOIL WITH GRASS COUCH TURF ON FOOTWAYS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION. A 0.4m WIDE, CONTINUOUS STRIP OF COUCH GRASS SHALL BE PLACED BEHIND THE BACK OF ALL KERBS IMMEDIATELY AFTER THE COMPLETION OF THE FOOTPATH GRADING, MAINTAINED AND REPLACED AS REQUIRED DURING THE MAINTENANCE PERIOD.
- R10 ALL VEHICULAR CROSSINGS TO BE LOCATED MINIMUM 1.0m OFF SIDE BOUNDARIES. LAYBACK TO HAVE A MINIMUM 1.0m CLEARANCE FROM POWER AND LIGHT POLES, STORMWATER DRAINAGE PITS AND 6.0m CLEARANCE FROM KERB RETURN TANGENT POINTS.
- R11 TRANSITION KERB FROM KO TO K&G AT KERB RETURN T.P OVER A LENGTH OF 1m.

DRAINAGE

- D1 ALL KERB INLETS PITS (ON GRADE) TO BE BENCHED AND STREAMLINED, PITS OVER 1.2m IN DEPTH TO BE PROVIDED WITH STEP IRONS AND REINFORCED IN ACCORDANCE WITH CAMDEN COUNCIL STD DRG No. SD20.
- D2 CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 32MPa AT 28 DAYS U.N.O.
- D3 ALL KERB INLET PITS TO BE IN ACCORDANCE WITH CAMDEN COUNCIL DRG No. SD12.
- D4 LINTEL LENGTH SHOWN ON SECTIONS INDICATES LENGTH OF CLEAR OPENING.
- D5 ALL SURFACE INLET PITS TO BE IN ACCORDANCE WITH CAMDEN COUNCIL STD DRG No. SD13.
- D6 ALL LONGITUDINAL PIPELINES IN ROADS ARE TO BE BACKFILLED WITH WASHED RIVER SAND, A 3.0 m LENGTH OF SUBSOIL DRAIN WRAPPED IN GEOFABRIC IS TO BE PROVIDED TO THE UPSTREAM SIDE OF PITS ON ALL INCOMING LINES UNLESS NOTED OTHERWISE.
- D7 ALL REINFORCED CONCRETE PIPES (RCP) OR FIBRE REINFORCED CONCRETE PIPES (FRCP) TO BE CLASS 2 RUBBER RING JOINTED (RRJ) UNLESS NOTED OTHERWISE.
- D8 TAIL OUT DRAINS TO BE PROVIDED WITH COUCH LINED INVERT, JUTE STABILISED BATTERS, STRAWBALE AND GEOTEXTILE SEDIMENT FILTERS EVERY 10m.
- D9 PRIOR TO THE FINAL INSPECTION A CCTV INSPECTION AND REPORT IS TO BE UNDERTAKEN FOR ALL STORMWATER PIPES AND CULVERTS THAT ARE PART OF THE DRAINAGE SYSTEM.
- D10 STRUCTURAL CERTIFICATION IS REQUIRED FOR CONSTRUCTION OF MAJOR AND NON STANDARD STORMWATER DRAINAGE STRUCTURES. THE CONTRACTOR TO ARRANGE FOR A HOLD POINT FOR CONSTRUCTION INSPECTIONS WITH A SUITABLY QUALIFIED ENGINEER AS APPOINTED BY THE CONTRACTOR TO PROVIDE IN WRITING STRUCTURAL CERTIFICATE AT COMPLETION OF WORKS.

ALL SETOUT TO BE SUPPLIED THROUGH A DIGITAL MODEL FOR USE WITH GPS CONSTRUCTION EQUIPMENT

THE CONTRACTOR MUST SUBMIT A TRAFFIC MANAGEMENT PLAN IN ACCORDANCE WITH AS 1742.3 TO ACCOMMODATE THEIR METHOD OF WORKING ON ROADS TO CAMDEN COUNCIL FOR APPROVAL, PRIOR TO COMMENCING ANY WORK ON SITE.

1	10/04/17	DJ	SL	SL
ISSUED FOR DA				
Rev	Date	By	Chkd	Appd

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SYDNEY, NSW 2000 AUSTRALIA
GREENBOX ARCHITECTURE PTY LTD
ABN: 79 139 779 098
ISO 9001 CERTIFIED QUALITY SYSTEM

Client

Project Title
SYD54
428 Bluett Drive,
Smeaton Grange

Drawing Title
GENERAL NOTES

Scale at A0	NTS
Role	Civil
Sustainability	DA SUBMISSION
App. Job No	254017
Rev	1
Name	C-DR-001



NOTES

- 1. FOR LEGEND REFER TO DRAWING. No. DR-000.
- 2. FOR GENERAL NOTES REFER TO DRAWING No. DR-001.
- 3. FOR SOIL AND MANAGEMENT DETAILS REFER TO DRAWING No. DR-202.
- 4. PROPOSED EARTHWORKS (CUT AND FILL) TO EXTEND TO PROJECT BOUNDARY.
- 5. PER CAMDEN COUNCIL ADVICE, LIMITS OF 100YR ARI FLOODING WITHIN THE DRAINAGE RESERVE DO NOT IMPACT THE PROJECT BOUNDARY.

LEGEND

- EXISTING STORMWATER
- SEDIMENT FENCE. REFER TO DRAWING No. C-DR-202
- RISING MAIN
- DIVERSION BANK AND CHANNEL
- TEMPORARY CONSTRUCTION SHAKER GRID. REFER TO DRAWING No. C-DR-202
- GRAVEL KERB INLET SEDIMENT TRAPS. REFER TO DRAWING No. C-DR-202
- APPROXIMATE PROJECT BOUNDARY
- GEOTEXTILE FILTER FABRIC DROP INLET SEDIMENT TRAP. REFER TO DRAWING No. C-DR-202
- EXISTING AND PROPOSED STOCKPILE LOCATION

1	10/04/17	DJ	SL	SL
ISSUED FOR DA				
Rev	Date	By	Chkd	Appd



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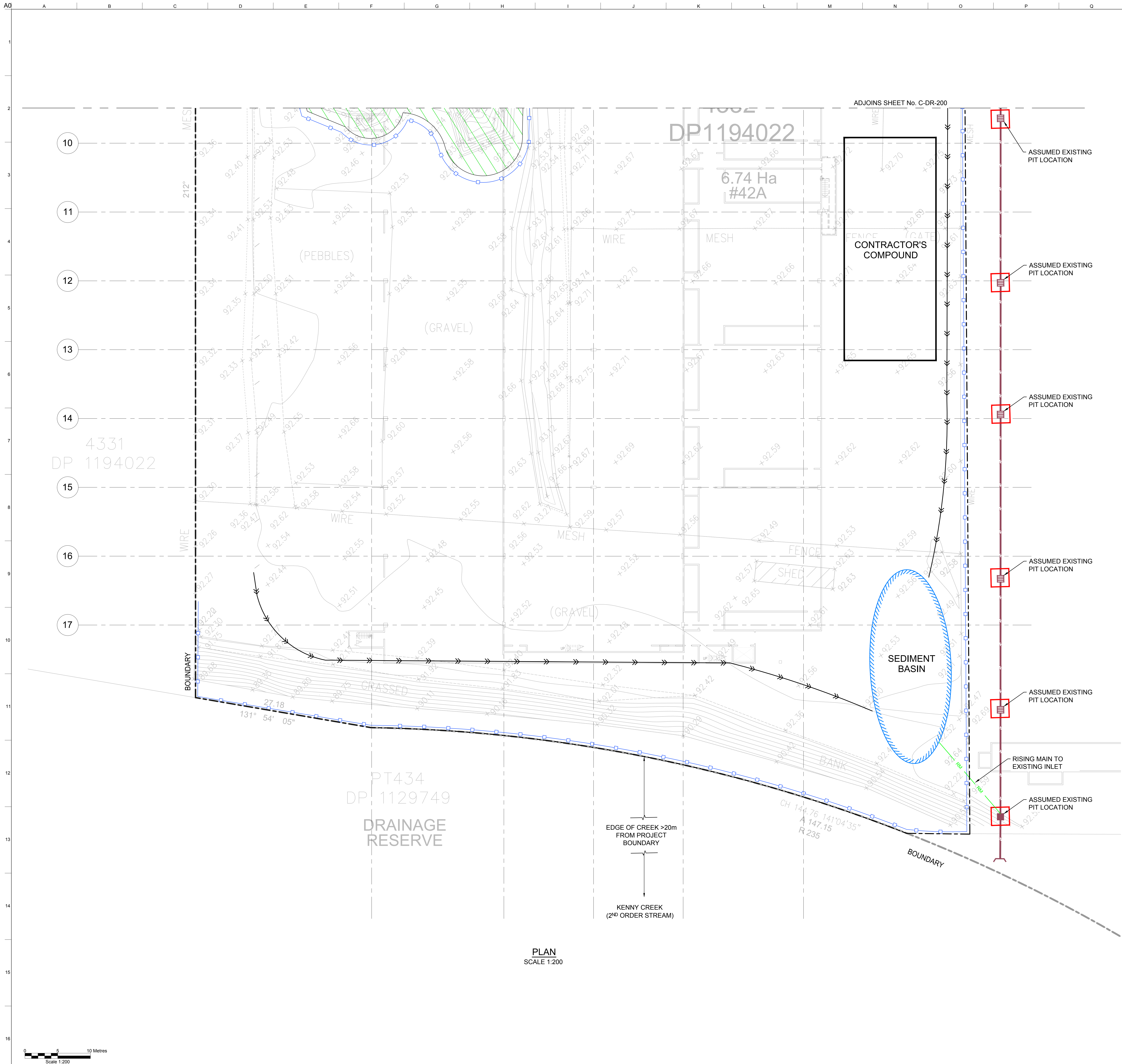
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ABN: 79 139 779 098
ISO 9001 CERTIFIED QUALITY SYSTEM

Client

Project Title:
SYD54
428 Bluett Drive,
Smeaton Grange

Drawing Title:
EROSION & SEDIMENT CONTROL
PLAN - 1 OF 2

Scale at AD	1:200
Role	Civil
Sustainability	DA SUBMISSION
App. Job No	254017
Rev	1
Name	C-DR-200



NOTES

1. FOR LEGEND REFER TO DRAWING No. DR-000.
2. FOR GENERAL NOTES REFER TO DRAWING No. DR-001.
3. FOR SOIL AND MANAGEMENT DETAILS REFER TO DRAWING No. DR-202.
4. PROPOSED EARTHWORKS (CUT AND FILL) TO EXTEND TO PROJECT BOUNDARY.
5. PER CAMDEN COUNCIL ADVICE, LIMITS OF 100YR ARI FLOODING WITHIN THE DRAINAGE RESERVE DO NOT IMPACT THE PROJECT BOUNDARY.

LEGEND

- EXISTING STORMWATER
- SEDIMENT FENCE.
REFER TO DRAWING No. C-DR-202
- RM RM
- RM RM
- RISING MAIN
- DIVERSION BANK AND CHANNEL
- TEMPORARY CONSTRUCTION SHAKER GRID.
REFER TO DRAWING No. C-DR-202
- GRAVEL KERB INLET SEDIMENT TRAPS.
REFER TO DRAWING No. C-DR-202
- APPROXIMATE PROJECT BOUNDARY
- GEOTEXTILE FILTER FABRIC DROP INLET SEDIMENT TRAP. REFER TO DRAWING No. C-DR-202
- EXISTING AND PROPOSED STOCKPILE LOCATION

[illegible]

1	10/04/17	DJ	SL	SL
ISSUED FOR DA				
Rev	Date	By	Chgd	Appd



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ABN: 79 139 779 098

ISO 9001 CERTIFIED QUALITY SYSTEM

Client

Project Title
SYD54
42B Bluett Drive,
Smeaton Grange

Drawing Title
EROSION & SEDIMENT CONTROL
PLAN - 2 OF 2

Scale in A0 1:300

Role	Civil
------	-------

DA SUBMISSION

Arup Job No
054043

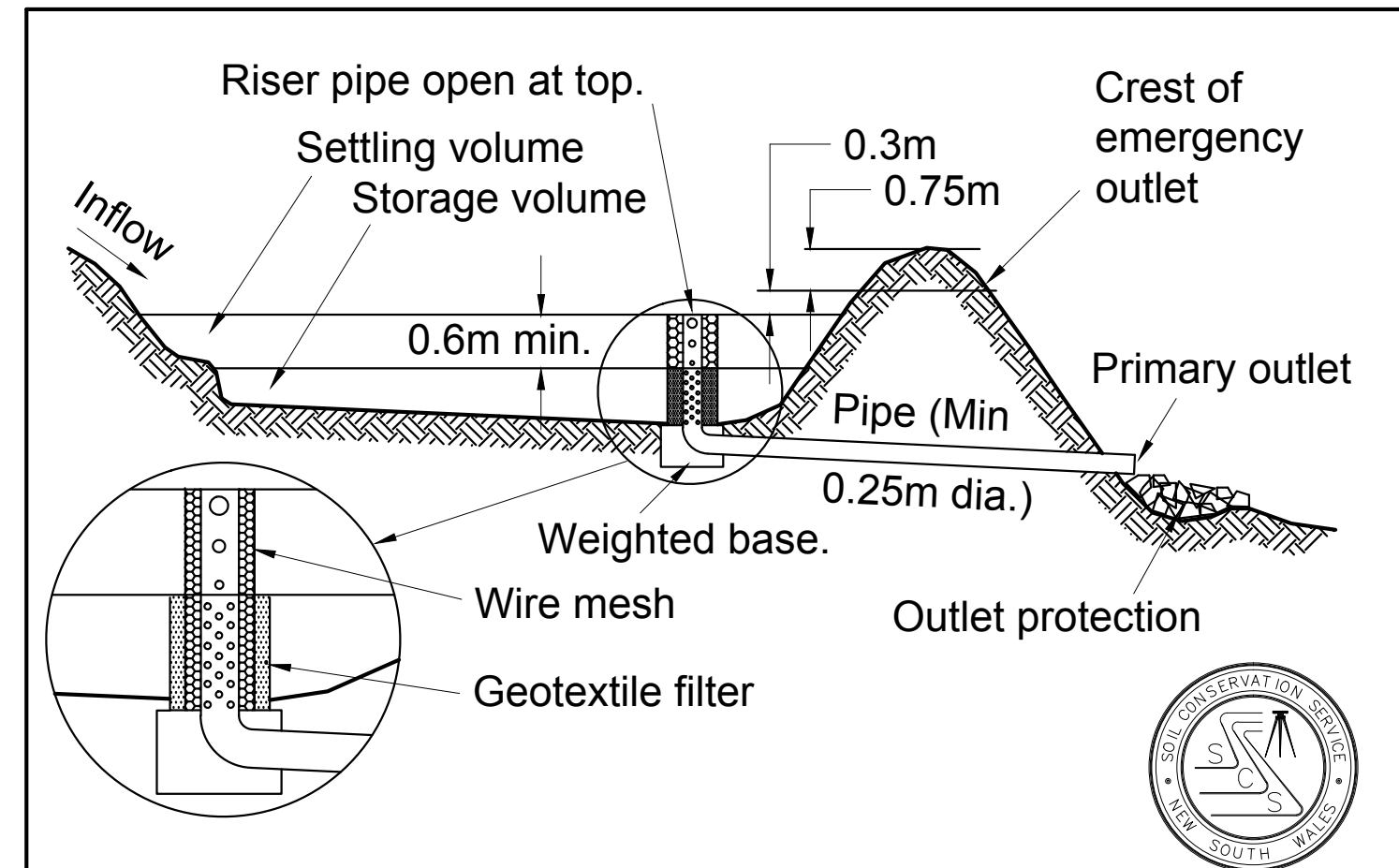
Name _____

C-DR-201

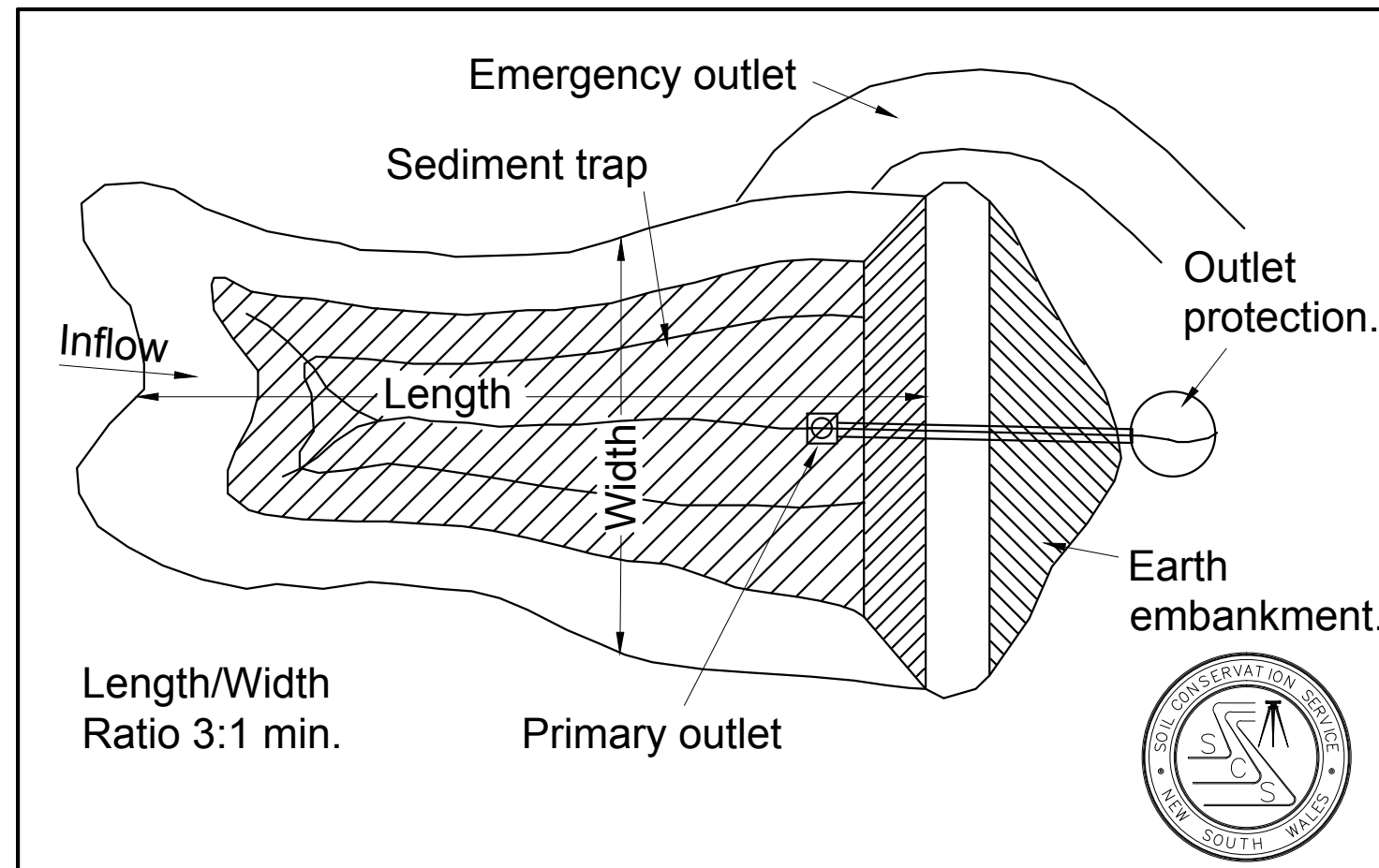
© Anu

NOTES

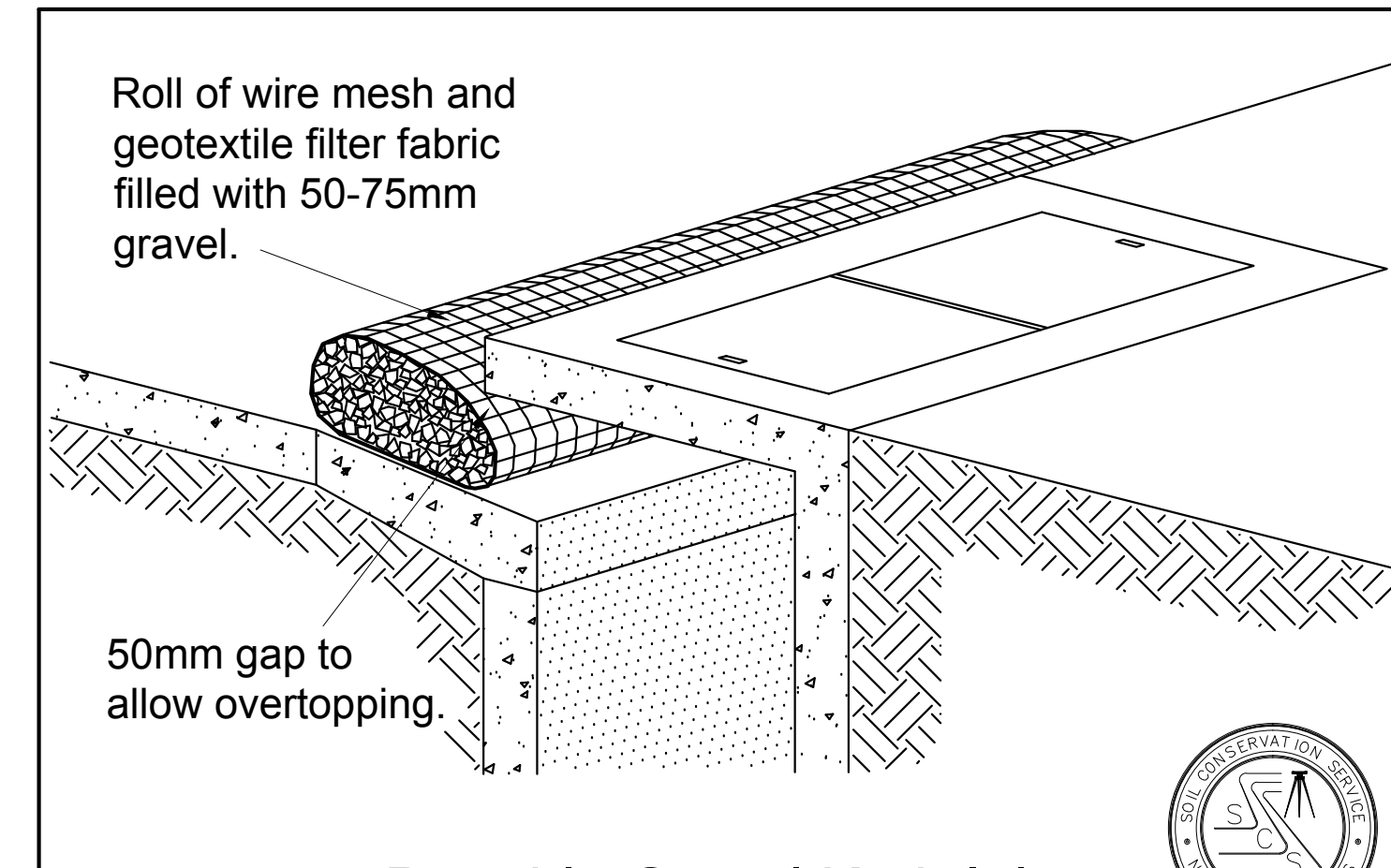
1. FOR LEGEND REFER TO DRAWING No. DR-000.
2. FOR GENERAL NOTES REFER TO DRAWING No. DR-001.
3. FOR SOIL AND MANAGEMENT PLAN REFER TO DRAWINGS No. DR-200 AND DR-201.



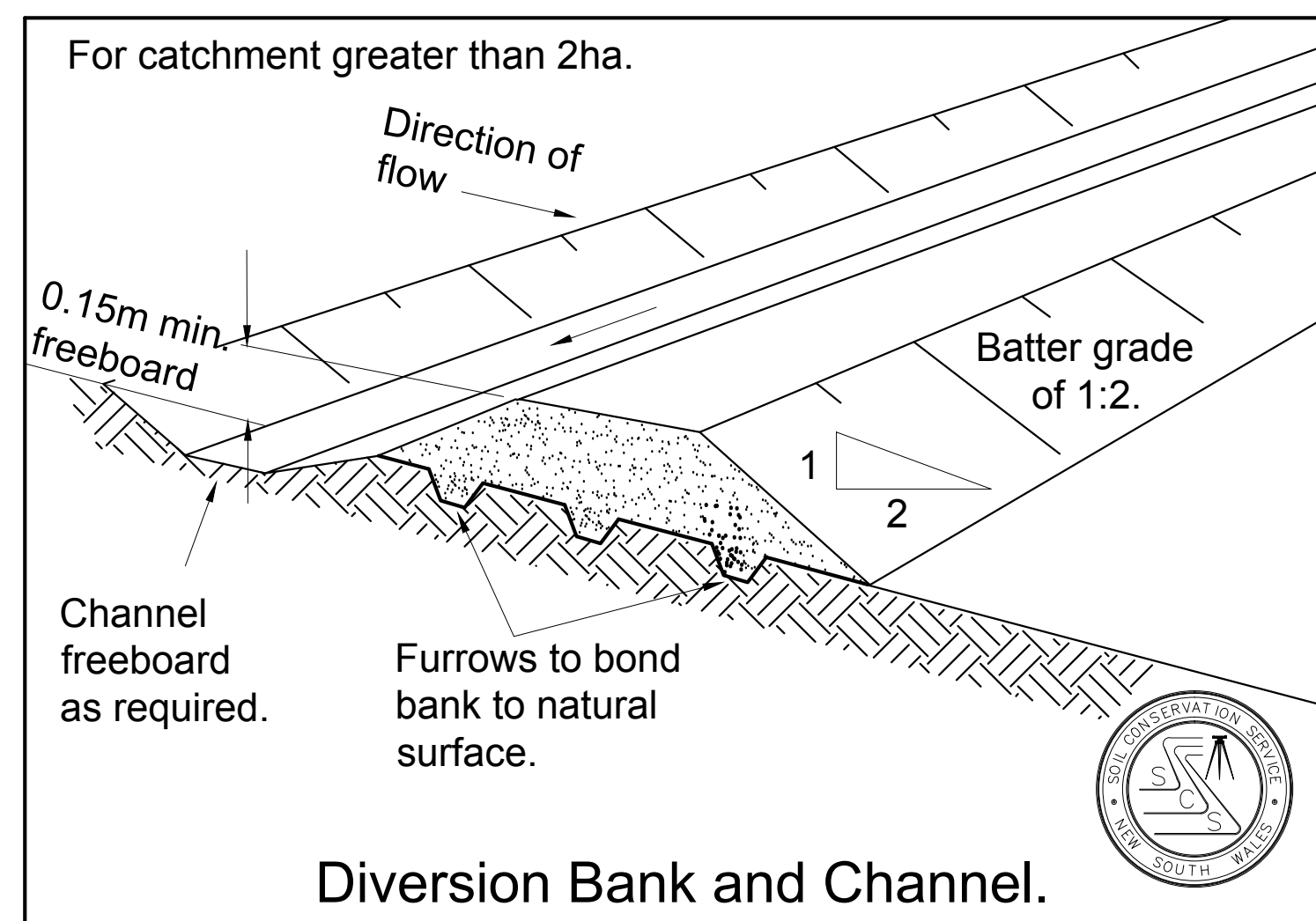
Cross Section of Typical Sediment Basin.



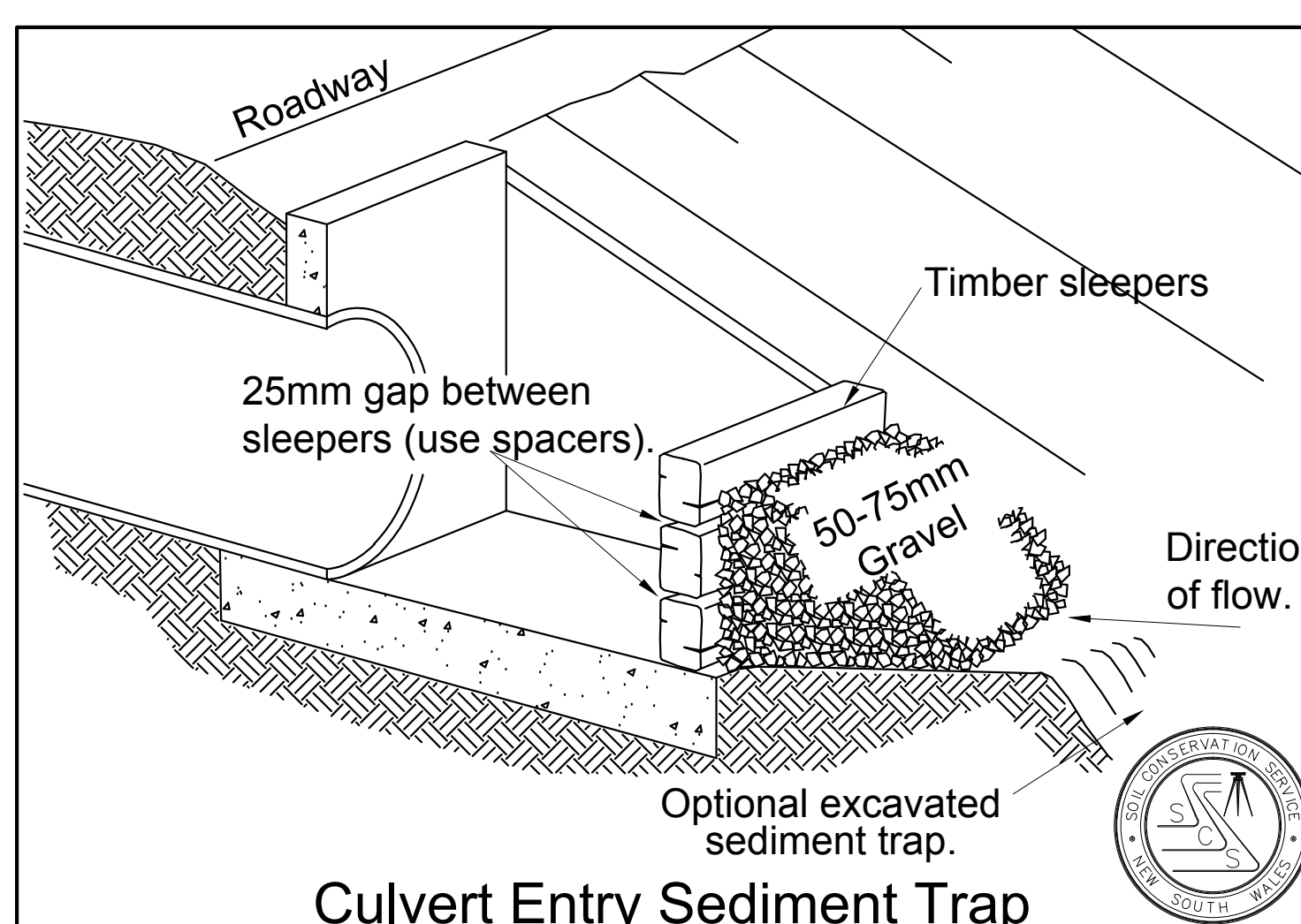
Plan View of Typical Sediment Basin



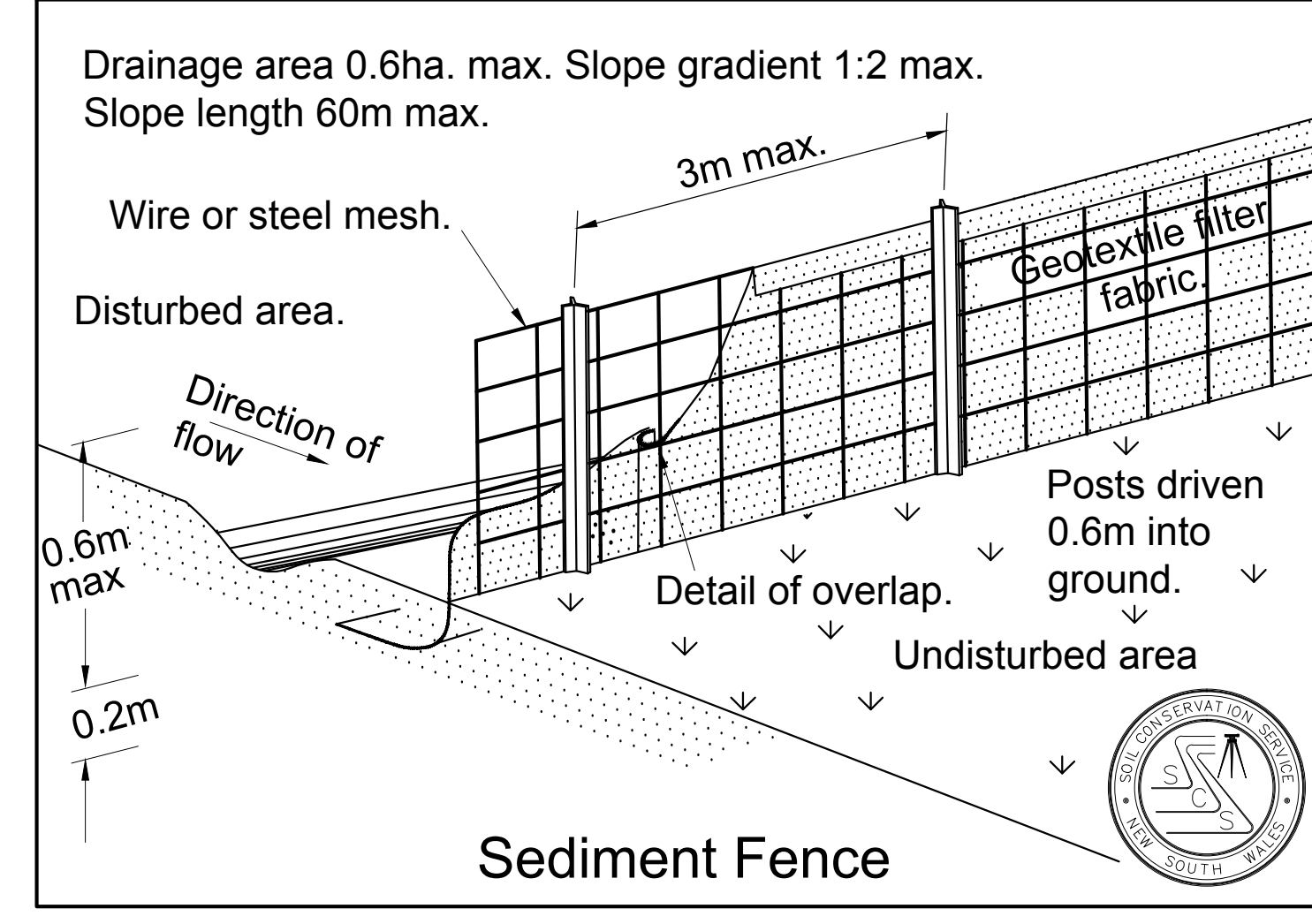
Portable Gravel Kerb Inlet Sediment Trap



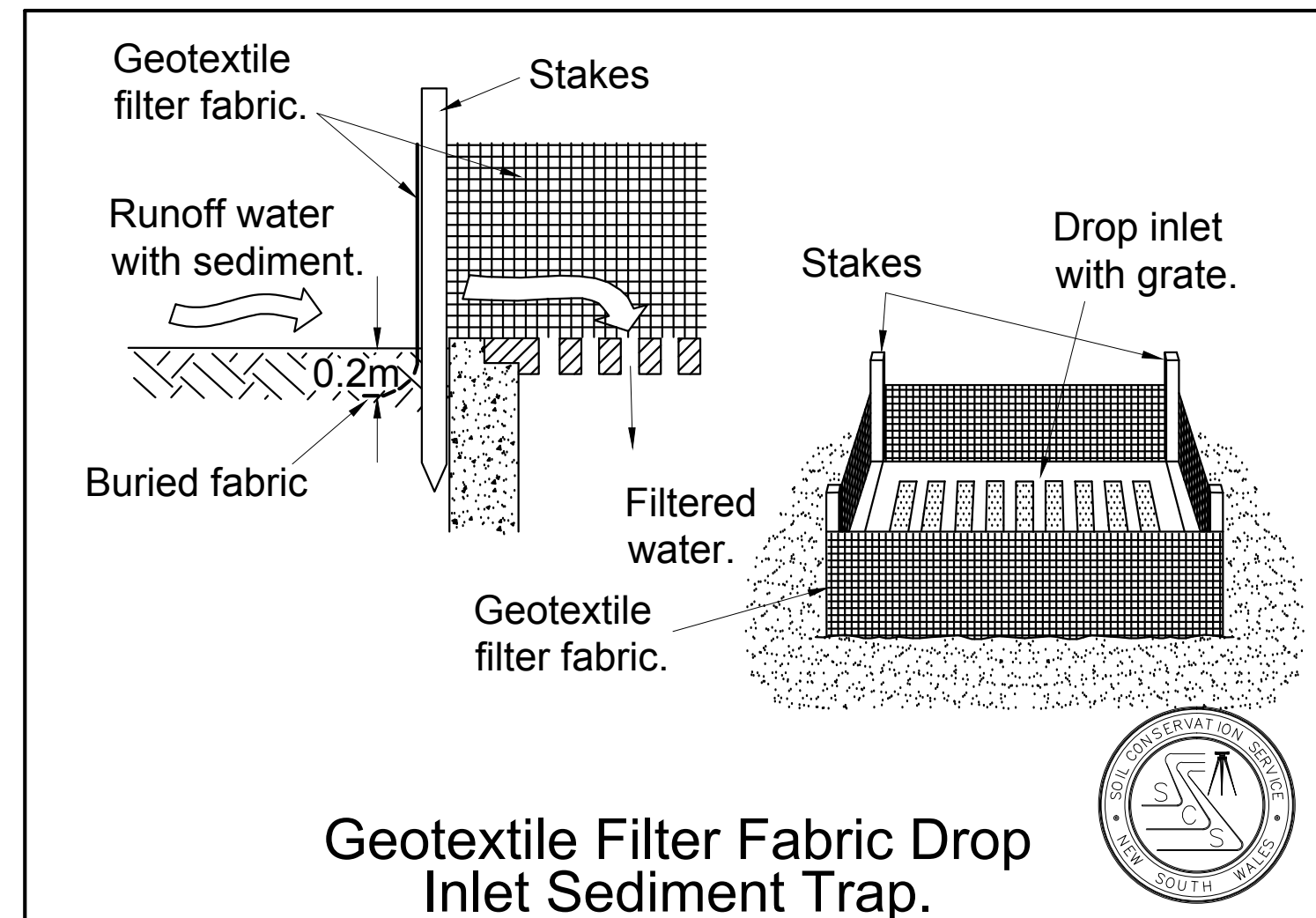
Diversion Bank and Channel.



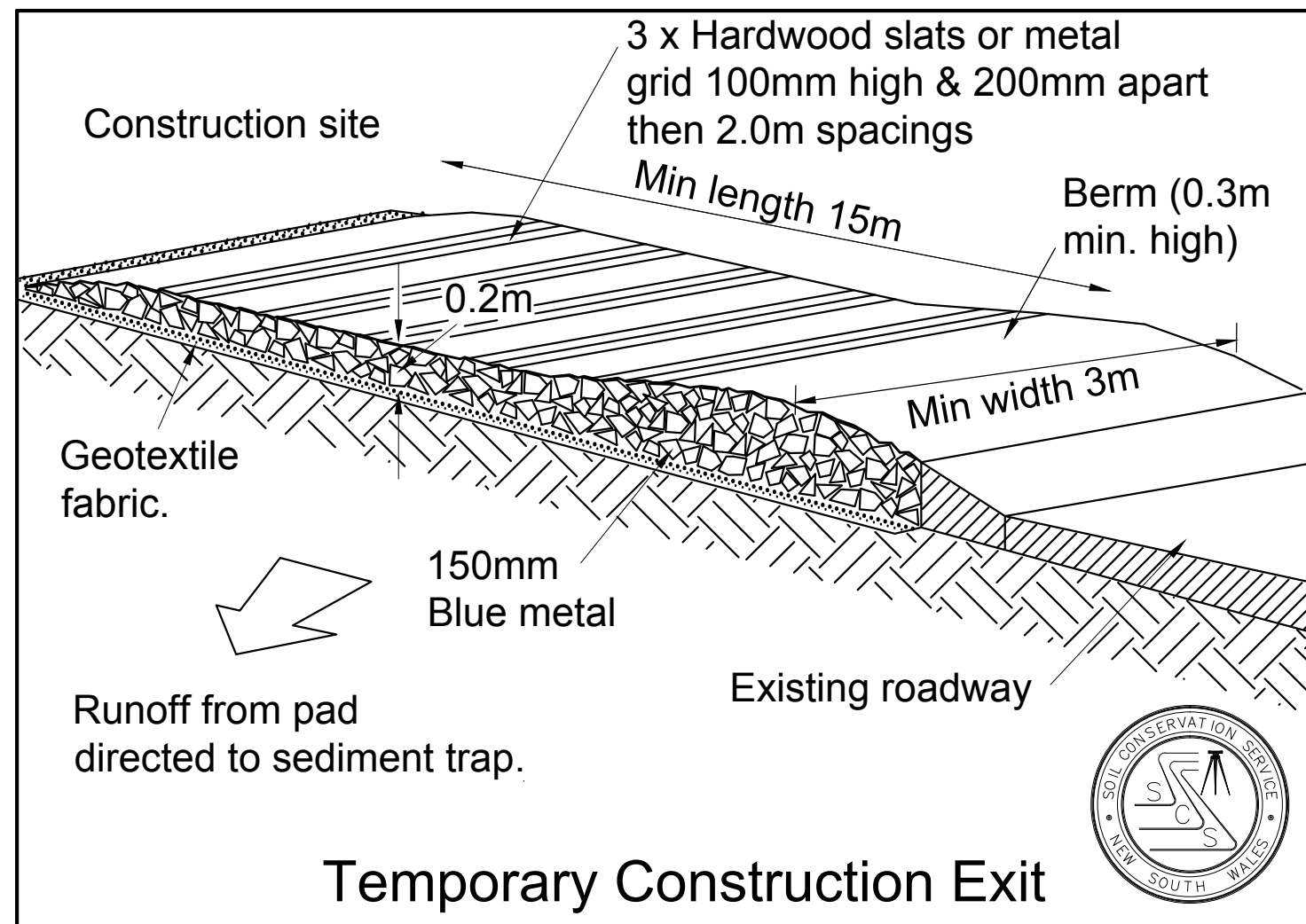
Culvert Entry Sediment Trap



Sediment Fence



Geotextile Filter Fabric Drop Inlet Sediment Trap.



Temporary Construction Exit

Rev	Date	By	Chkd	Appd
1	10/04/17	DJ	SL	SL

ISSUED FOR DA

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GREENBOX ARCHITECTURE PTY LTD
ABN: 79 139 779 098
ISO 9001 CERTIFIED QUALITY SYSTEM

Client

Project Title
SYD54
428 Bluett Drive,
Smeaton Grange

Drawing Title
EROSION & SEDIMENT CONTROL
DETAILS

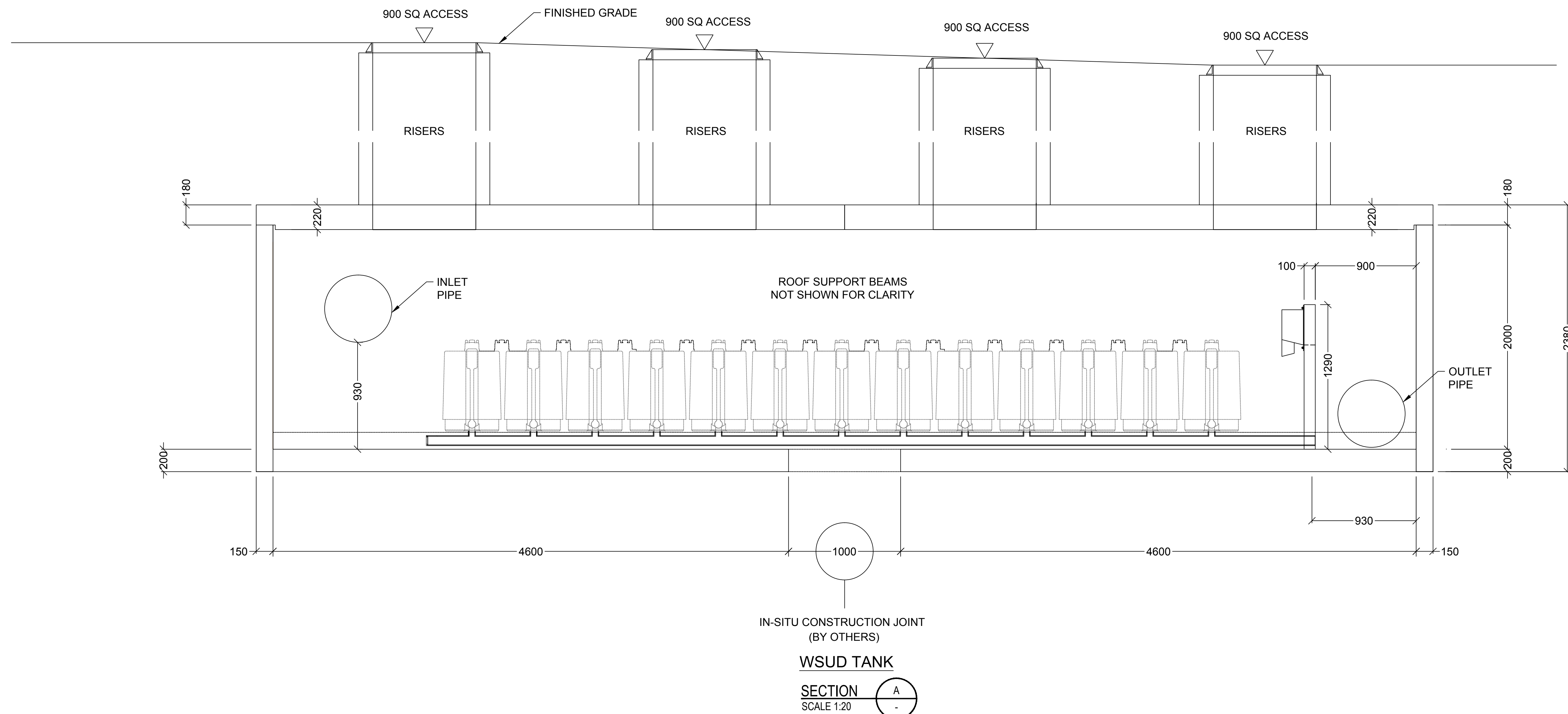
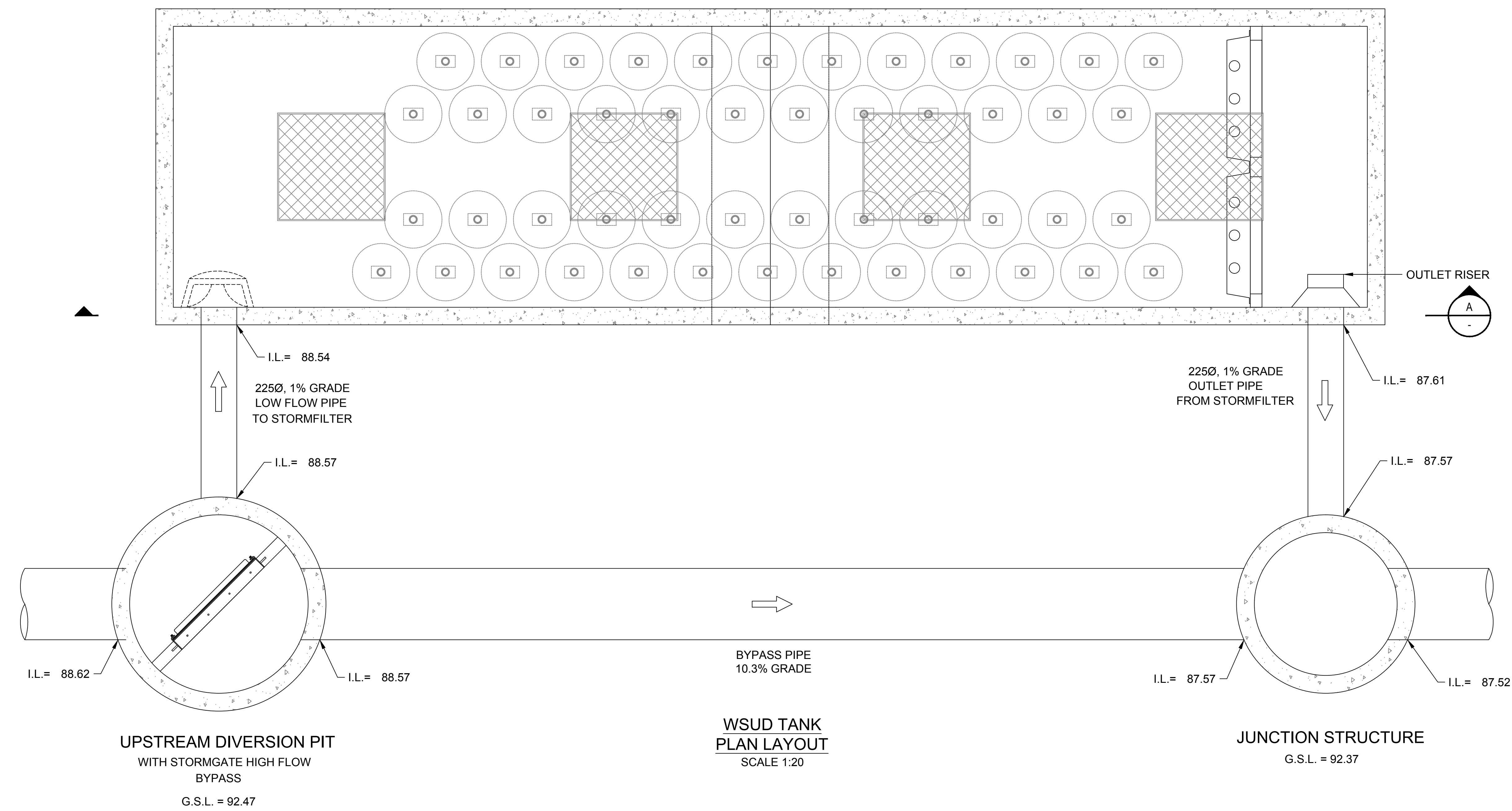
Scale at A0 NTS
Role Civil
Sustainability DA SUBMISSION
App. Job No 254017
Rev 1
Name C-DR-202



Scale on A0	1:200
Role	Civil
Sustainability	DA SUBMISSION
Anup Job No	<div>254017</div> <div>Rev 1</div>
Name	
C-DR-300	

ADJOINS SHEET No. C-DB-301

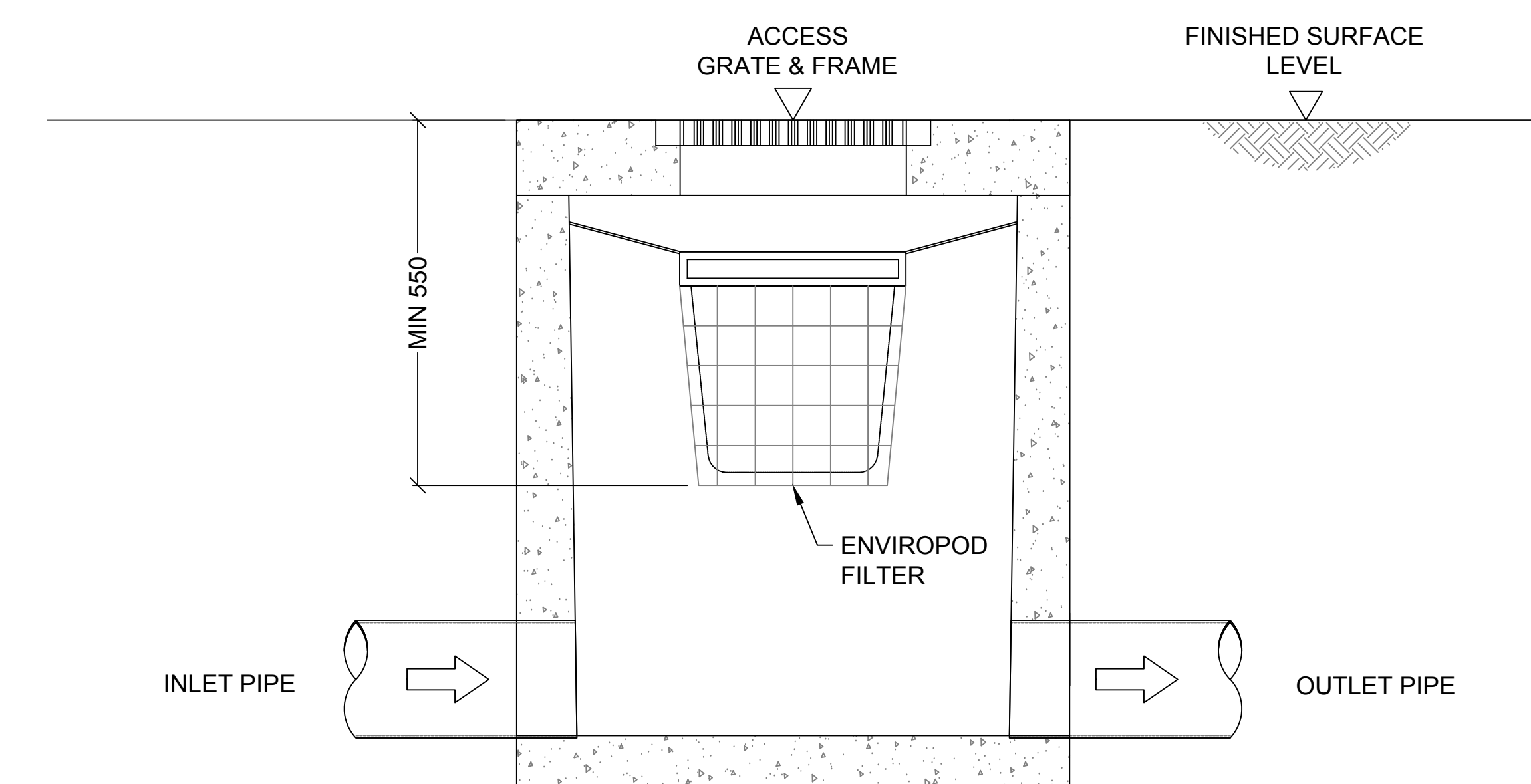
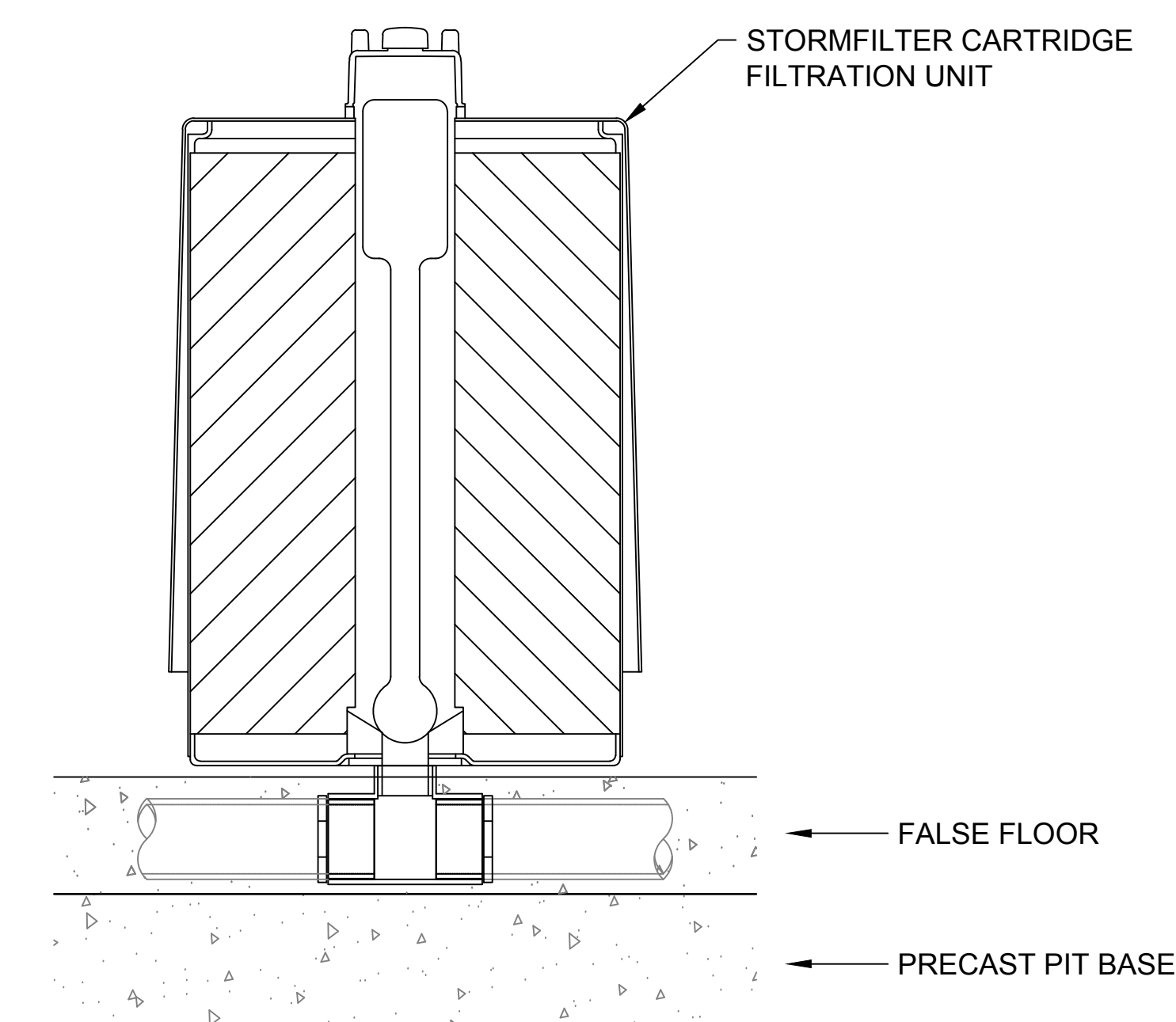




NOTES

- FOR GENERAL NOTES REFER TO DRAWING No. DR-001.
- THE FILTER CARTRIDGES ARE SIPHON-ACTUATED AND SELF-CLEANING.
- PERIODIC MAINTENANCE IS OUTLINED IN THE O&M GUIDELINES. PROVIDE MINIMUM CLEARANCE FOR MAINTENANCE ACCESS.
- STRUCTURE AND ACCESS COVERS DESIGNED TO MEET AUSTRROADS T44 LOAD RATING WITH 0.0m TO 2.0m FILL MAXIMUM.
- STRUCTURAL THICKNESS OF WSUD TANK TO BE DESIGNED BY STRUCTURAL ENGINEER.
- CARTRIDGE HEIGHT IS 690mm (SHOWN). CARTRIDGE HEIGHT AND ASSOCIATED DESIGN PARAMETERS PER STORMFILTER DESIGN TABLE.
- CARTRIDGE PROVIDED BY STORMWATER360 UNLESS OTHERWISE NOTED.

STORMFILTER DESIGN TABLE		
CARTRIDGE HEIGHT	690	
SYSTEM HYDRAULIC DROP (H - REQ'D. MIN.)	930	
TREATMENT BY MEDIA SURFACE AREA L/S/m2	1.4	0.7
CARTRIDGE FLOW RATE (L/s)	1.42	0.71

STANDARD ENVIROPOD CONFIGURATION
N.T.SSTORMFILTER CARTRIDGE DETAIL
N.T.S

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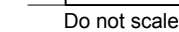
Drawing Title:
STORMWATER AND GRADING
DETAILS

Scale at AO AS SHOWN
Role Civil
Suitability DA SUBMISSION
App. job No 254017
Rev 1
Name
C-DR-302



ADJOINS SHEET No. C-DR-401

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