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CAMDEN BOARDING HOUSE LOT 17/DP 219782 LOT 18/DP 219782 3-5 KELLOWAY AVENUE, CAMDEN, 2570 NSW

COVER SHEET, LOCALITY PLAN AND SCHEDULE OF DRAWINGS

SCHEDULE OF DRAWINGS			
DRAWING No.	DESCRIPTION		
	GENERAL		
80822228-CI-0001	COVER SHEET, LOCALITY PLAN AND SCHEDULE OF DRAWINGS		
80822228-CI-0002	CIVIL CONSTRUCTION NOTES		
	PLANS AND SCHEDULES		
80822228-CI-0101	PROPOSED DRAINAGE STORMWATER PLAN		
80822228-CI-0111	CUT AND FILL PLAN		
80822228-CI-0121	SEDIMENTATION AND EROSION CONTROL PLAN		
	STANDARD DETAILS		
80822228-CI-0201	STORMWATER STANDARD DETAILS SHEET 1		
80822228-CI-0202	STORMWATER STANDARD DETAILS SHEET 2		
80822228-CI-0221	SEDIMENTATION AND EROSION CONTROL DETAILS		





	3	12/12/2022	DRAFT DA	G.M.	C.F.	C.F.
	2	30/08/2022	70% DRAFT PART 5	G.M.	C.F.	C.F.
	1	20/05/2022	PRELIMINARY ISSUE	K.P.	C.F.	C.F.
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C.F.	APRIL 2022	
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Drawing Number Revision				Revision	
80822228-CI-0001				3	
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samcrawfordarchitects

Level 2, 17 Federation Rd, Newtown, Australia NSW 2042

TELEPHONE +612 9519 6800

EMAIL studio@samcrawfordarchitects.com.au WEB samcrawfordarchitects.com.au

ACN 165 409 567 Nominated Architect Sam Crawford 6498

EMAIL studio@sam

L\Drawings\Build\80822228-CI-0001.dwg

AKETS:

GENERAL NOTES

- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS THAT MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES IN THESE DOCUMENTS SHALL BE REFERRED TO THE SUPERINTENDENT FOR A DECISION BEFORE PROCEEDING WITH THE
- G2. THE CONTRACTOR SHALL CHECK AND BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM THE DRAWINGS.
- G3. STABILITY OF THE BUILDING DURING CONSTRUCTION AND EXCAVATION IN THE VICINITY OF ADJACENT BUILDINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO PART OF THE STRUCTURE SHALL BE OVER STRESSED. APPROVAL OF ALL PROPOSALS MUST BE GRANTED BY THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
- G4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FORTY EIGHT (48) HOURS BEFORE THE REINFORCEMENT IS COMPLETED. THE CONTRACTOR SHALL ALLOW TWO (2) HOURS AFTER THE COMPLETION OF THE REINFORCEMENT FOR THE ENGINEER'S INSPECTION. CONCRETE SHALL NOT BE ORDERED UNTIL THE REINFORCEMENT IS APPROVED BY THE ENGINEER.
- G5. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT SAA CODES, THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITY AND THE SPECIFICATION.
- G6. NO CHANGES SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.
- G7. U.N.O. DENOTES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- G8. ALL PROPRIETARY PRODUCTS AND APPROVED EQUIVALENTS NOTED ON THE DRAWINGS SHALL BE SUPPLIED AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

SITE PREPARATION

ROAD WORKS

- SP1. REMOVE TOP SOIL, ROOT AFFECTED SOIL, FILL AND OTHER DELETERIOUS MATERIAL TO EXPOSE NATURAL SUBGRADE.
- SP2. THE EXPOSED SUBGRADE SHOULD THEN BE PROOF ROLLED WITH AT LEAST EIGHT (8) PASSES OF A 10 TONNE MIN. DEAD WEIGHT ROLLER. ANY SOFT OR HEAVING AREAS SHOULD BE REMOVED TO A MAXIMUM DEPTH OF 300mm AND REPLACED WITH CLEAN WELL GRADED MATERIAL SUCH AS RIPPED OR CRUSHED SANDSTONE COMPACTED TO AT LEAST 100% OF STANDARD MAXIMUM DRY DENSITY (SMDD) AT ±2% OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH AS1289.
- SP3. COMPACTED FILL SHOULD BE PLACED IN LAYERS NOT EXCEEDING 150mm THICK AND COMPACTED TO AT LEAST 100% SMDD. FILL SHALL CONSIST OF CLEAN WELL GRADED MATERIAL SUCH AS RIPPED OR CRUSHED SANDSTONE WITH A MIN. CBR
- SP4. DENSITY TESTING SHALL BE CARRIED OUT TO LEVEL 2 CERTIFICATION IN ACCORDANCE WITH AS3798.
- SP5. SUB-BASE COURSE TO BE DGS20 OR DGS40 OR RIPPED OR CRUSHED SANDSTONE WITH A CBR GREATER THAN 40%, MAXIMUM PARTICLE SIZE OF 60mm, WELL GRADED WITH A PLASTIC INDEX LESS THAN 10. COMPACT TO AN AVERAGE OF NOT LESS THAN 100% SMDD WITH A MINIMUM VALUE OF 98% SMDD.
- SP6. ALL KERBS TO BE FORMED BY KERB MACHINE AND NOT BY HAND. EXTERNAL FOOTPATHS/PAVEMENTS
- SP7. REMOVE TOP SOIL, ROOT AFFECTED SOIL, FILL AND OTHER DELETERIOUS MATERIAL TO EXPOSE NATURAL SUBGRADE.
- SP8. THE EXPOSED SUBGRADE SHOULD BE PROOF ROLLED. ANY SOFT OR HEAVING AREAS SHOULD BE REPLACED WITH CLEAN WELL GRADED MATERIAL. FILL IF REQUIRED, SHOULD BE CLEAN AND WELL GRADED. COMPACT TO 100% SMDD.

STORMWATER CONSTRUCTION NOTES

- SW1. ESTABLISH EXACT LOCATION AND INVERT OF EXISTING SERVICES PRIOR TO COMMENCING WORKS.
- SW2. ALLOW TO PAY ALL LOCAL AUTHORITY FEES AS REQUIRED FOR PERIODIC INSPECTIONS/APPROVALS.
- SW3. ALL WORK TO BE IN ACCORDANCE WITH THE LOCAL COUNCIL STORMWATER POLICY.
- SW4. MINOR FLOW ARI = 20 YEARS MAJOR FLOW ARI = 100 YEARS

- SW5. ALL WORKS TO COMPLY TO AS3500
- SW6. ALL NEW PIPES 300 DIA. & LARGER SHALL BE REINFORCED CONCRETE CLASS 2 WITH RUBBER RING JOINTS, WHERE ANGLED THE MINIMUM RADIUS SHALL BE 152m. 150/225mm DIA. STORMWATER PIPES SHALL BE SEWER CLASS UPVC. MINIMUM PIPE SIZE FOR AN UNDERGROUND PIPE TO BE 150mm. MINIMUM PIPE
- SW7. ALL DRAINAGE TRENCHES SHALL BE IN SOUND EXCAVATED MATERIAL. IF SOFT SPOTS EXIST, REMOVE AND BACKFILL WITH COMPACTED ROAD BASE (DGS40) WITH A MINIMUM CBR OF 25 COMPACT TO 98% STANDARD MAXIMUM DRY DENSITY TO AS
- SW8. ALL PIPES SHALL BE BEDDED ON 100mm SAND BED AND BACKFILLED WITH SAND TO 150mm ABOVE BARREL OF PIPE. THE REMAINDER OF THE TRENCH WILL BE BACKFILLED IN 150mm COMPACTED LAYERS IN GRANULAR FILL NON DISPERSIVE (EMERSON CLASS 5 OR 6) MATERIAL - NO TOP SOIL, GRASS, ROOTS, OR DELETERIOUS MATERIAL. COMPACT TO 98% STANDARD MAXIMUM DRY DENSITY AT ±2% OMC.
- SW9. PROVIDE A 100mm DIA. UPVC. SLOTTED DRAINAGE PIPE 3000 LONG WRAPPED IN FILTER FABRIC SOCK IN ALL TRENCHES ADJACENT TO INLET PIPES TO PITS & CONNECTED TO PIT.
- SW10. OTHER SUB SOIL DRAINAGE PIPES SHALL BE 100mm DIA. UPVC SLOTTED BEDDED AND BACKFILLED WITH 20mm GAUGE BLUE METAL. CLEAN OUTS SHALL BE EXTENDED TO THE SURFACE AND PROVIDED WITH A SCREWED COVER PLATE FLUSH WITH THE FINISHED SURFACE LEVEL.
- SW11 ALL CONCRETE PITS CONSTRUCTED SHALL BE BEDDED AS PER PIPE SPECIFICATION. PIT BASES SHALL BE SMOOTH CONTOURED WITH MASS CONCRETE BENCHING PROVIDE STEP IRONS AS PER PIT SCHEDULE, PROVIDE HEAVY, MEDIUM OR LIGHT DUTY GALVANISED GRATE COVERS AS SPECIFIED IN SCHEDULE. ALL DRAINAGE WORKS ARE TO BE COMPLETED TO THE SATISFACTION OF THE SUPERVISING CIVIL ENGINEER. ALL WORKS TO COMPLY TO AS3500. HEADWALLS SHALL BE PRECAST CONCRETE BY 'BCP PRECAST' OR EQUAL. ALL PITS SHALL BE PRECAST CONCRETE TYPE DPT FOR DEEP PITS BY ICON INDUSTRIES OR EQUAL. PRECAST DRAINAGE PITS DEEPER THAN 1800mm SHALL HAVE 150mm MIN. WALL THICKNESS. 20mm DIA. GALV. MS. STEP IRONS SHALL BE INSTALLED IN PITS 1200mm AND DEEPER.
- SW12 UNLESS NOTED OTHERWISE ON THE PLANS, PROVIDE THE FOLLOWING MIN. COVER
- UNDER LANDSCAPE & PAVEMENT 300mm - UNDER ROAD (TRAFFIC) - 600mm

SEDIMENT RUN-OFF CONTROL NOTES

- SR1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL MEASURES GENERALLY IN ACCORDANCE WITH GUIDELINES OF THE LANDCOM MANAGING URBAN STORMWATER MANUAL AND AS NECESSARY TO PREVENT RUN-OFF FROM SITE OF SEDIMENT RESULTING FROM THE WORKS. SUCH MEASURES SHALL ALSO COMPLY WITH REQUIREMENTS OF COUNCIL, LANDCOM "BLUE BOOK" AND EPA. THIS WORK SHALL BE DONE PRIOR TO ANY EARTHWORKS COMMENCING ON SITE.
- SR2. GRADE FINISHED SURFACE TO SHED WATER EVENLY WITHOUT CHANNELLING (UNTIL PIPED STORMWATER SYSTEM IS CONSTRUCTED). NOMINAL GRADIENTS FROM HIGH POINT OF 0.2%.
- SR3. MAINTAIN THE EROSION CONTROL DEVICES INDICATED ON THE DRAWINGS TO THE SATISFACTION OF THE SITE SUPERINTENDENT AND THE LOCAL AUTHORITIES.
- SR4. WHEN PROPOSED STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SILT FENCES ARE ERECTED AROUND PITS AND ON ROAD.
- SR5. STREET PROTECTION WITH SHAKER EXIT GRIDS & STREET PIT INLET PROTECTION TO BE MAINTAINED FOR THE DURATION OF THE CONTRACT.

WARNING

UNLESS NOTIFIED TO THE CONTRARY IN WRITING, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY BREACHES OF THE PROTECTION OF ENVIRONMENT OPERATIONS ACT 1997. PLEASE NOTE FAILURE TO IMPLEMENT OR MAINTAIN APPROPRIATE EROSION/SEDIMENT CONTROL MEASURES IS A BREACH OF THE ACT. SUCH A BREACH IS LIABLE FOR A ON-THE SPOT FINE AND /OR PENALTY.

CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT SAA CODE AS3600, WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- C2. CONCRETE QUALITY:

ELEMENT	SLUMP (MAX)	MAX AGG. SIZE	CEMENT TYPE	ADMIX.	CONCRETE GRADE
CONCRETE DRIVEWAYS	60	20mm	Α	N/A	40 MPa
CONCRETE KERBS, RETAINING WALLS	80	20mm	A	N/A	32 MPa
FOOTPATHS	80	20mm	Α	N/A	25 MPa
PIERS	80	20mm	A	N/A	25 MPa

SUSPENDED CONCRETE FLOORS :-

MIN. CEMENT CONTENT = 300 kg/m³

- MAX. PERMISSIBLE DRYING SHRINKAGE = 750 MICROSTRAIN AT 56 DAYS.
- C3. CLEAR CONCRETE COVER IN mm TO REINFORCEMENT U.N.O. SHALL BE AS FOLLOWS:-

		REINFORCE	CEMENT COVER			
STRUCTURAL ELEMENT	INTERNAL		EXTE	RNAL		
	TOP	BTM.	TOP	ВТМ.		
FOOTINGS & PIERS	-	-	50	50		
DRAINAGE PITS			5	50		
CONCRETE DRIVEWAY			4	10		

- CONCRETE POURED OVER A MEMBRANE ON THE GROUND IS INCLUDED AS INTERNAL
- 2. CONCRETE EXPOSED TO CORROSIVE VAPOURS, CORROSIVE GROUND WATER, SEA WATER OR SPRAY IS TO HAVE REINFORCEMENT COVER AS NOTED ON THE DRAWINGS.
- 3. CONCRETE REQUIRING A FIRE RESISTANCE RATING SHALL HAVE REINFORCEMENT COVER AS NOTED ON THE DRAWINGS.
- EXTERNAL ABOVE GROUND ELEMENTS ARE CLASSIFIED IN NEAR COASTAL ENVIRONMENT. CONDUITS, PIPES, ETC., SHALL NOT BE PLACED IN THE CONCRETE COVER TO REINFORCEMENT AND NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE ALLOWED
- WITHOUT THE PRIOR APPROVAL OF THE SUPERINTENDENT. CONCRETE SIZES DO NOT INCLUDE THE THICKNESS OF APPLIED FINISHES.
- C6. THE DEPTH OF BEAMS IS GIVEN FIRST AND INCLUDES THE SLAB THICKNESS.
- CONSTRUCTION JOINTS, WHERE NOT SHOWN, SHALL BE LOCATED TO THE APPROVAL OF THE
- FORMWORK SHALL REMAIN IN POSITION FOR THE TIME SPECIFIED. WHERE SLABS AND BEAMS ARE TO SUPPORT MASONRY OVER, FORMWORK AND PROPS MUST BE REMOVED PRIOR TO THE CONSTRUCTION
- C9. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED. THE VIBRATOR SHALL NOT BE USED TO SPREAD
- CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 WITH A PRODUCT COMPATIBLE WITH THE APPLIED FINISHES. CURING COMPOUNDS SHALL COMPLY WITH AS3799. PVA BASED CURING COMPOUNDS
- REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY. IT IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.
- WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.
- SPLICES IN THE MAIN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN. SPLICES IN THE DISTRIBUTION REINFORCEMENT MAY BE POSITIONED AS NECESSARY WITH SPLICES OF SUFFICIENT LENGTH TO DEVELOP THE FULL STRENGTH OF THE BARS. MINIMUM LAPS TO FABRIC SHALL BE TO OVER LAP TWO CROSS WIRES PLUS 50mm U.N.O. REINFORCEMENT SHALL BE SECURELY TIED AT ALL LAPS AND INTERSECTIONS WITH 1.25mm BLACK ANNEALED WIRE. THE WRITTEN APPROVAL OF THE SUPERINTENDENT SHALL BE OBTAINED FOR OTHER SPLICES WHERE THE LAP LENGTH IS NOT SHOWN. IT SHALL DEVELOP THE FULL STRENGTH OF THE REINFORCEMENT.
- ALL UNSUPPORTED BARS SHALL BE TIED IN A TRANSVERSE DIRECTION WITH N12-300 U.N.O.
- REINFORCEMENT SHALL BE SUPPORTED ON APPROVED PLASTIC OR PLASTIC TIPPED WIRE STOOLS AT NOT MORE THAN 600mm CENTRES BOTHWAYS IN SLABS AND AT 1000mm CENTRES IN BEAMS.
- C16. DENOTES MAIN WIRES OF RECTANGULAR FABRIC TO AS4671. DENOTES SQUARE FABRIC TO AS4671
 - SL...... DENOTES GRADE 500 DEFORMED WIRE REINFORCING SQUARE FABRIC OF DUCTILITY CLASS L TO AS4671.
 - RL..... DENOTES GRADE 500 DEFORMED WIRE REINFORCING RECTANGULAR FABRIC OF DUCTILITY CLASS L TO AS4671.
 - R DENOTES GRADE 250 ROUND BARS OF DUCTILITY CLASS N TO
 - N DENOTES GRADE 500 DEFORMED BARS OF DUCTILITY CLASS N TO
 - S DENOTES GRADE 250 DEFORMED BARS OF DUCTILITY CLASS N TO

- C17. FABRIC SHALL BE SUPPLIED IN FLAT SHEETS, ROLLS WILL NOT BE ACCEPTED
- C18. TYPICAL REINFORCEMENT NOTATION:-

5N24-200 INDICATES

5 DENOTES NUMBER OF BARS REQUIRED

N DENOTES GRADE OF REINFORCEMENT 24..... DENOTES BAR DIAMETER IN MILLIMETRES

200... DENOTES BAR SPACING IN MILLIMETRES

TYPICAL ABBREVIATIONS:-

B DENOTES BARS IN BOTTOM LAYER

T DENOTES BARS IN TOP LAYER ALT.... DENOTES BARS ALTERNATING

EF DENOTES BARS IN EACH FACE

NF DENOTES BARS IN NEAR FACE

FF DENOTES BARS IN FAR FACE

C19. FOR SLAB FALLS, CHAMFERS, REGLETS, DRIP GROOVES, ETC., REFER TO THE ARCHITECT'S DRAWINGS.

C20. LAP LENGTHS FOR DEFORMED BARS AS FOLLOWS:

BAR TYPE	VERTICAL	HORIZONTAL BARS WITH MORE THAN 300mm	OTHER	90° COG
AND SIZE	BARS	OF CONCRETE BELOW BAR	LOCATIONS	LENGTH
N12	500	550	500	200
N16	700	800	700	200
N20	1000	1250	1000	250
N24	1200	1500	1200	300
N28	1400	1750	1400	350

BLOCK RETAINING WALLS

- RW1. VERTICAL RODS FROM BASE ARE TO BE FIXED USING TEMPLATES TO ENSURE
- ACCURATE SPACING AND POSITIONING.
- RW2. CONCRETE BLOCKS TO BE GRADE 15 IN ACCORDANCE WITH AS/NZS4455.
- RW3. MORTAR 1:1:6 CEMENT:LIME:FINE AGGREGATE, SITE MIXED TO HAVE A COMPRESSIVE STRENGTH AT 12 DAYS OF 11 MPa.
- RW4. ALL HOLES TO BE CLEANED OF MORTAR AT END OF EACH DAY.
- RW5. GROUT: F'c = 20 MPa
 - SLUMP: = 230 MAXIMUM
 - AGGREGATE: = 10mm.
- RW6. ALL CORE HOLES TO BE VIBRATED TO ENSURE COMPACTION, USING A DEFORMED
- RODDING BAR.
- RW7. FILL CORES TO 1500 MAX. HEIGHT IN ANY ONE POUR. STOP POUR 50 BELOW TOP OF
- BLOCK. FINAL LEVELS FLUSH WITH TOP OF BLOCK. RW8. PROVIDE EXPANSION JOINTS AS DETAILED.
- RW9. DO NOT BACKFILL UNTIL RESTRAINING SLAB OVER & BASEMENT SLAB HAVE BEEN
- CAST & CURED. BACKFILLING TO BE BLUEMETAL AS DETAILED, WITH PROVISION OF CORE DRAIN, REFER TO HYDRAULIC ENGINEER'S DETAILS FOR SUBSOIL DRAINAGE
- RW10. TANKING, SEALING AND DRAINAGE TO ARCHITECTS DETAILS. RW11. ALLOW FOR CLEAN-OUT BLOCKS AT BASE, IN ACCORDANCE WITH AS3700.

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samcrawfordarchitects Level 2, 17 Federation Rd, Newtown, Australia NSW 2042 TELEPHONE +612 9519 6800 EMAIL studio@samcrawfordarchitects.com.au WEB samcrawfordarchitects.com.au ACN 165 409 567 Nominated Architect Sam Crawford 6498

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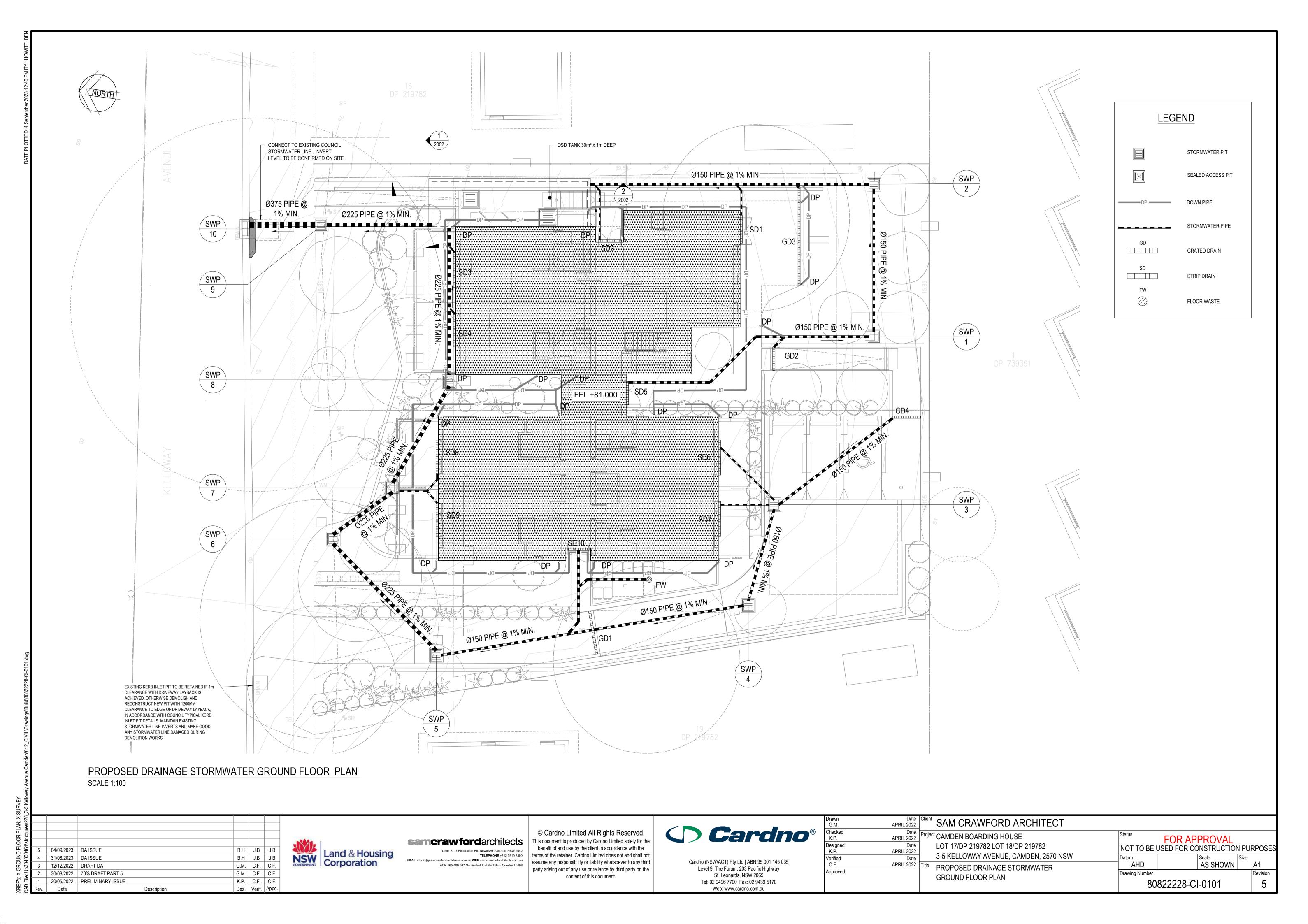


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Approved	

Client SAM CRAWFORD ARCHITECT
Project CAMDEN BOARDING HOUSE
LOT 17/DP 219782 LOT 18/DP 219782
3-5 KELLOWAY AVENUE, CAMDEN, 2570 NS
 Title CIVIL CONSTRUCTION NOTES

Status	FOR AP	PROVAL		
NOT TO BE U		NSTRUCTION	N PUI	RPOS
Datum		Scale	Size	
AHD		N/A		A1
Drawing Number				Revisio
80	822228-C	I-0002		3



Date

Description



Des. Verif. Appd.

STORMWATER PIT SCHEDULE

Pit Type

SIP

SIP

SIP

SIP

KIP

Internal

Pit Size

450x450

450x450

450x450

450x450

600X600

600X600

600X600

600X600

600X600

Cover

GRATE

GRATE

SOLID

GRATE

GRATE

GRATE

GRATE

GRATE

GRATE

GRATE

Cover

Class

Remarks

EXISTING STORMWATER PIT1.8 m LINTEL

Pit Invert

Level (IL)

81.450

81.350

81.050

80.950

80.500

79.900

79.850

79.750

78.500

TBC

Level (RL)

81.900

82.100

81.500

81.500

81.000

80.400

80.600

80.400

79.200

78.800

SWP No.

SWP-1

SWP-2

SWP-3

SWP-4

SWP-5

SWP-6

SWP-7

SWP-8

SWP-9

SWP-10

Depth

(mm)

450

750

450

550

500

500

750

700

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TYPE

"S200K POWER DRAIN" BY ACO DRAIN OR SIMILAR APPROVED

"S200K POWER DRAIN" BY ACO DRAIN OR SIMILAR APPROVED

"S200K POWER DRAIN" BY ACO DRAIN OR SIMILAR APPROVED

"S200K POWER DRAIN" BY ACO DRAIN OR SIMILAR APPROVED

LABEL

GD1

GD2

GD3

GD4

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Designed	Date	
K.P.	APRIL 2022	
Verified	Date	
C.F.	APRIL 2022	Title
Approved		

GRATED DRAIN TYPE SCHEDULE

200

200

200

200

GRATE LOAD CLASS

REMARK

HEELPROOF ANTI- SLIIP OR SIMILAR APPROVED

MINIMUM INTERNAL DEPTH INTERNAL WIDTH

200

200

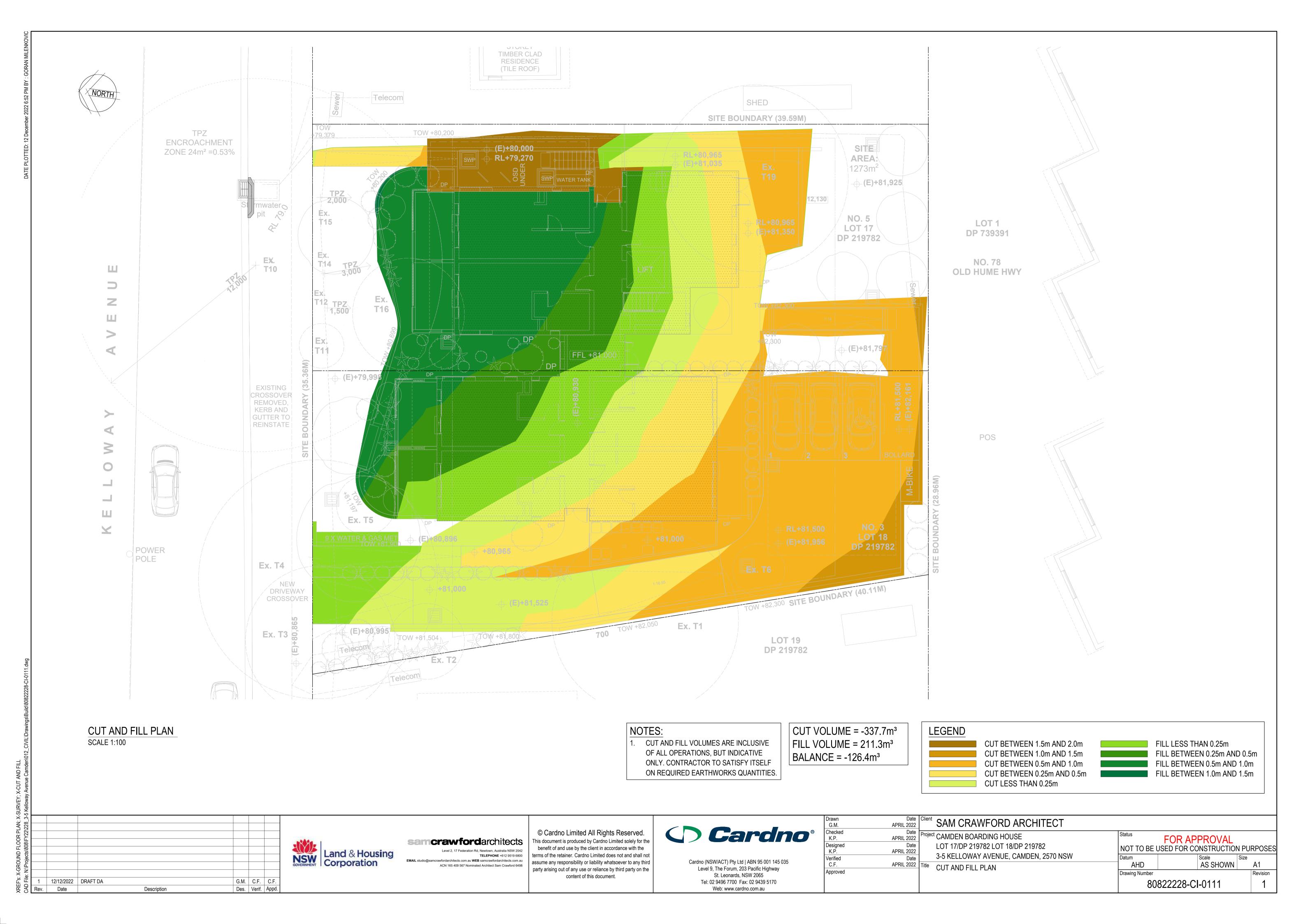
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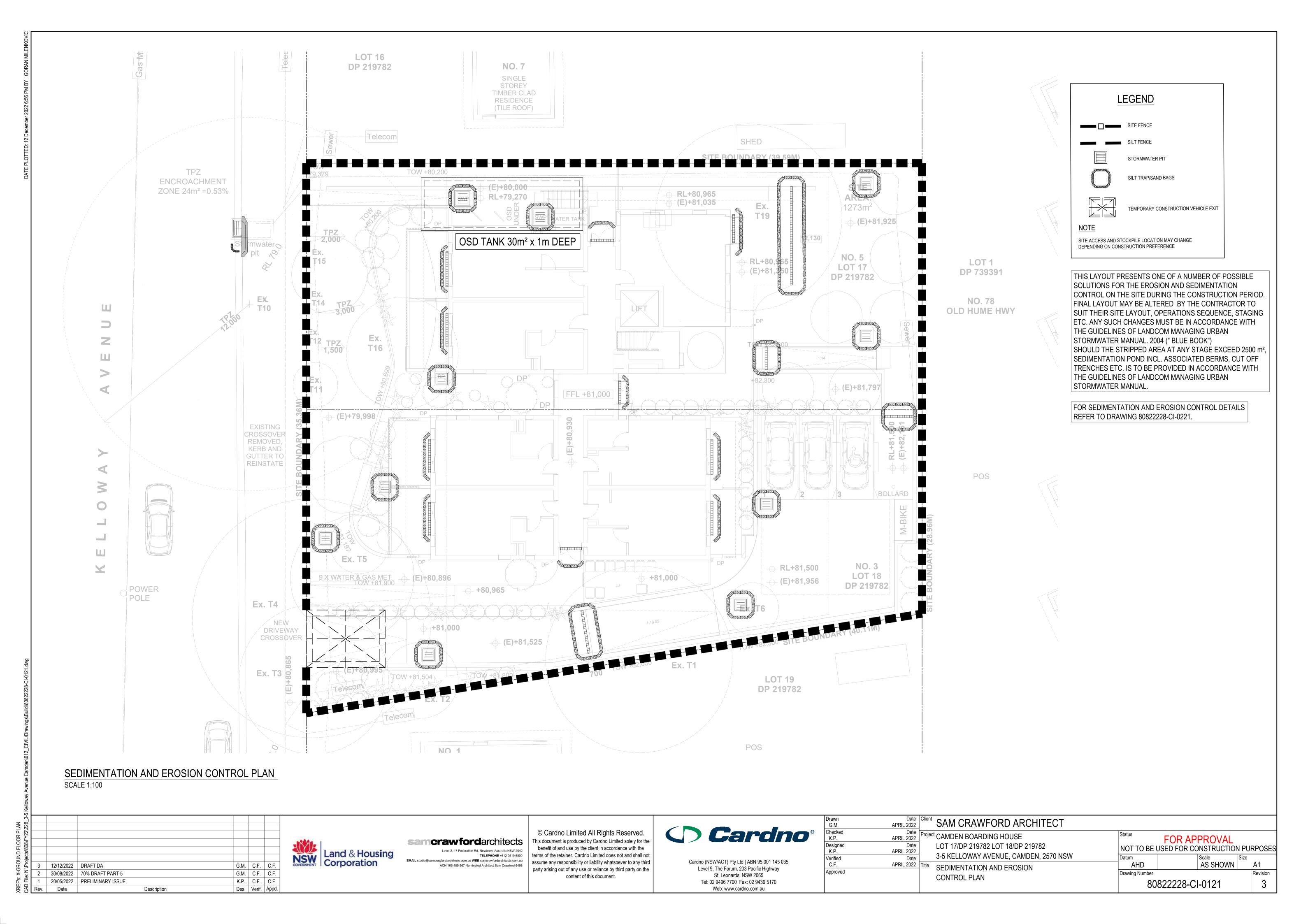
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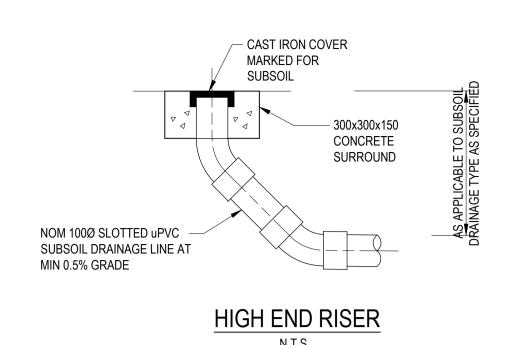
ent SAM CRAWFORD ARCHITECT oject CAMDEN BOARDING HOUSE LOT 17/DP 219782 LOT 18/DP 219782 3-5 KELLOWAY AVENUE, CAMDEN, 2570 NSW PROPOSED DRAINAGE STORMWATER PITS AND GRATED DRAINS SCHEDULE

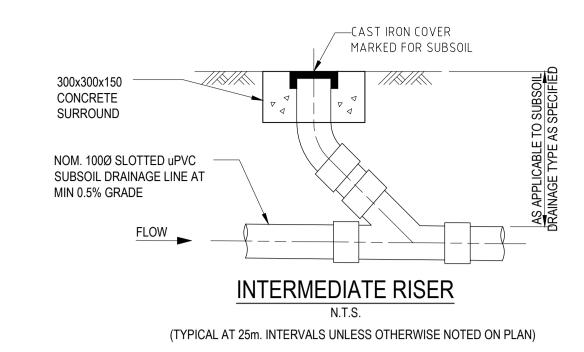
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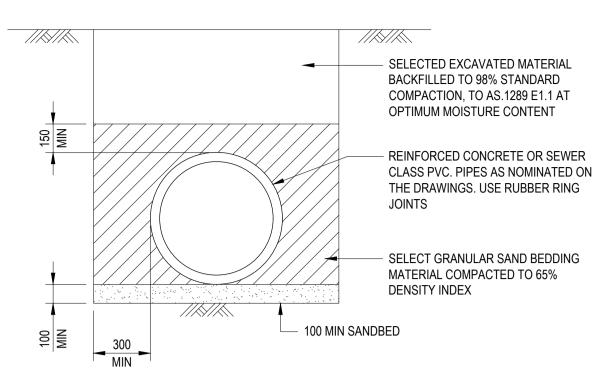
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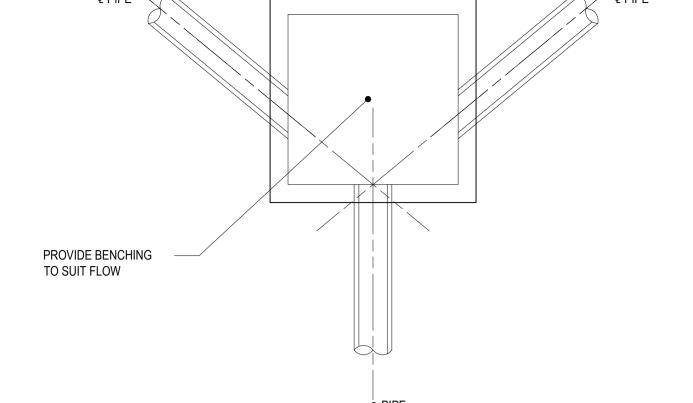












TYPICAL PIPE LAYING DETAIL U.N.O.

NOTE: ALLOW TO BUILD 100Ø AG. DRAIN IN THE LAST 3.0m OF DRAINAGE PIPE, UPSTREAM OF ALL DRAINAGE PITS.

JUNCTION PIT SET OUT DETAILS

CONSTRUCT 3.0m LENGTH OF 100Ø

GEOFABRIC SOCK AT UPSTREAM END

PROVIDE STEP IRONS
IF PIT DEEPER THAN

1200mm. (REFER DETAIL).

SETOUT POINT

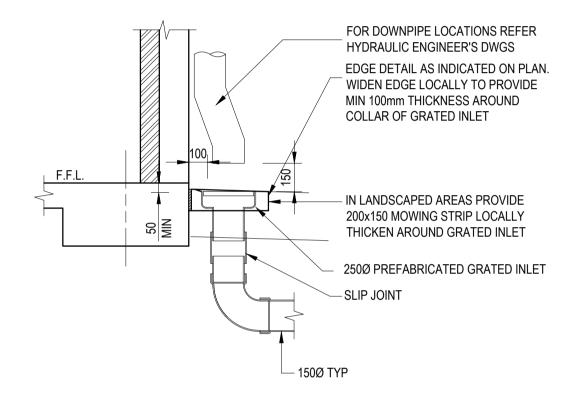
CENTRE OF PIT

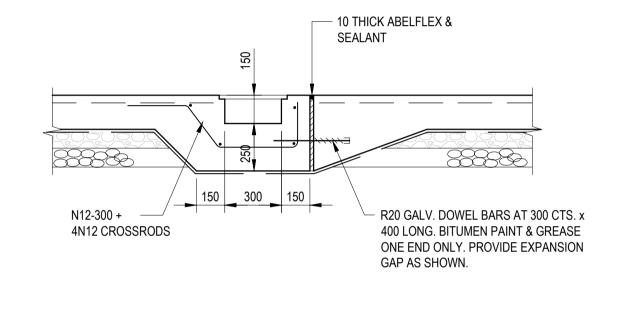
SUBSOIL PIPE WRAPPED IN

ℚ PIT

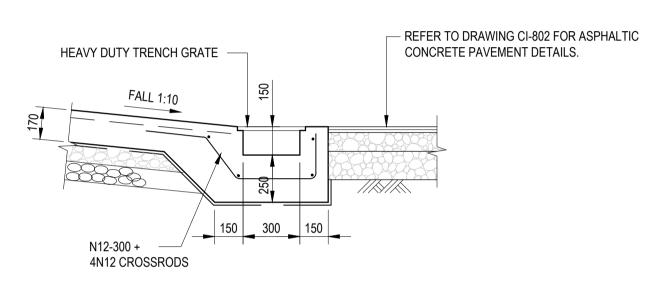
OF PIT

FLOW



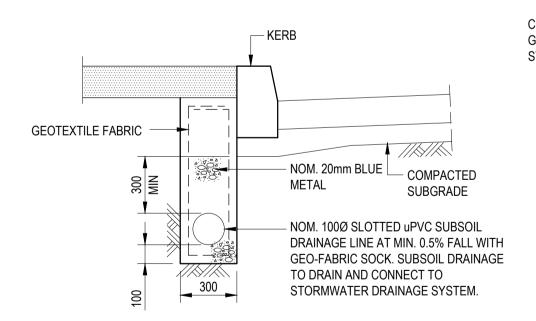


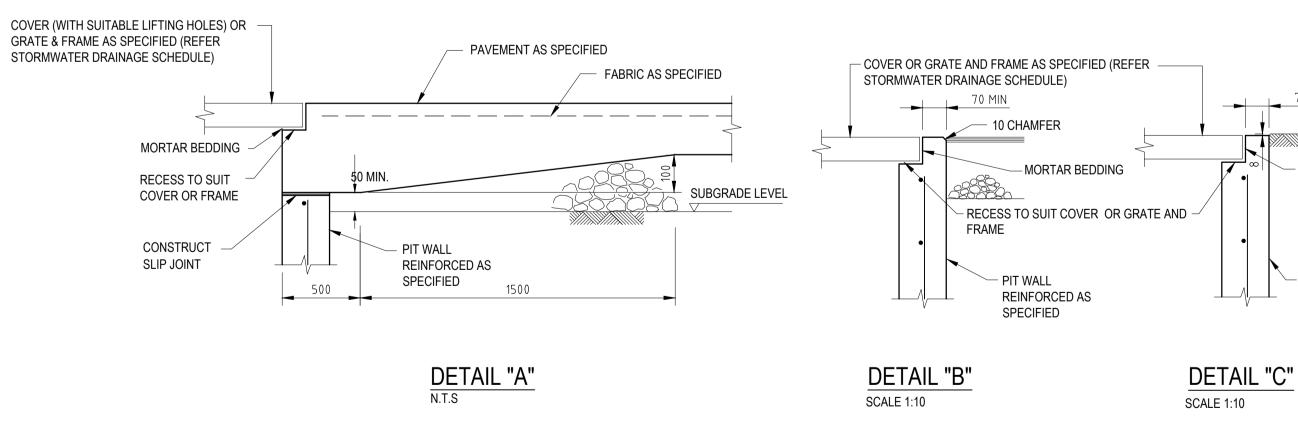
GRATED DRAIN DETAIL

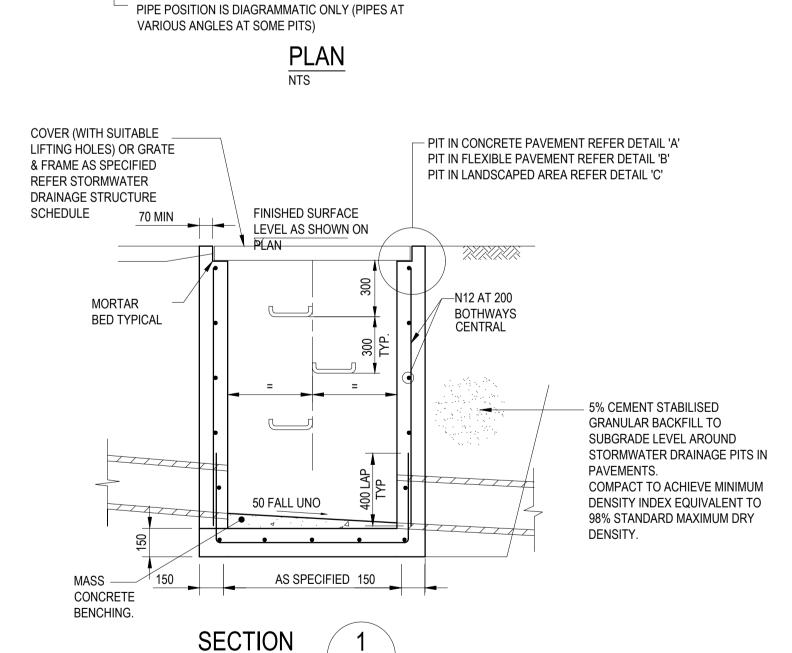


GRATED DRAIN DETAIL AT ENTRY ROAD

DOWNPIPE CONNECTION







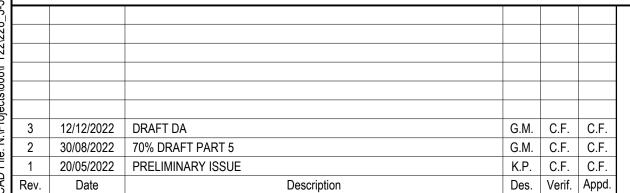
SURFACE INLET/JUNCTION PIT (SIP/JP)

SCALE 1:20

SUBSOIL DRAINAGE LINE IN LANDSCAPED AREAS ADJACENT TO ROADS

DENOTED ->-/---/-- ON PLAN

PIT EDGE TREATMENT FOR STORMWATER DRAINAGE AND OTHER SERVICES PITS IN ROAD PAVEMENTS AND LANDSCAPED AREAS





SEMERAWFORDAChitects

Level 2, 17 Federation Rd, Newtown, Australia NSW 2042

TELEPHONE +612 9519 6800

EMAIL studio@samcrawfordarchitects.com.au WEB samcrawfordarchitects.com.au

ACN 165 409 567 Nominated Architect Sam Crawford 6498

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Drawn	Da
G.M.	APRIL 20
Checked	Da
K.P.	APRIL 20
Designed	Da
K.P.	APRIL 20:
Verified	Da
C.F.	APRIL 20:
Approved	

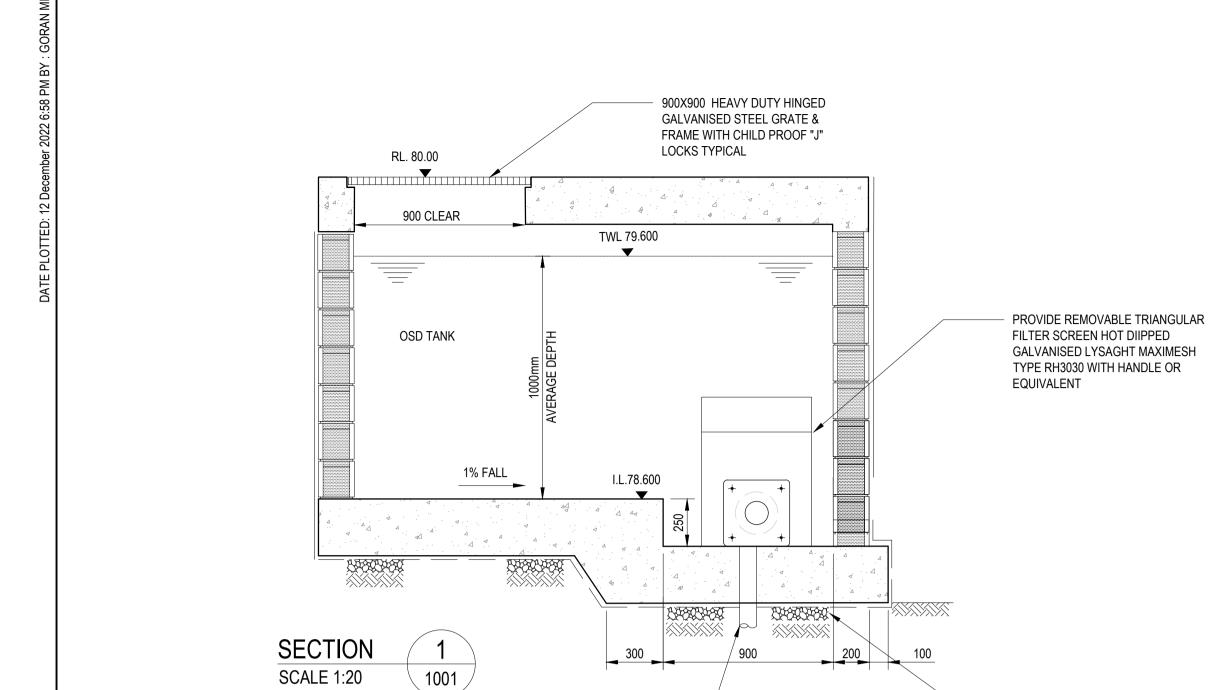
- MORTAR BEDDING

- PIT WALL

SPECIFIED

REINFORCED AS

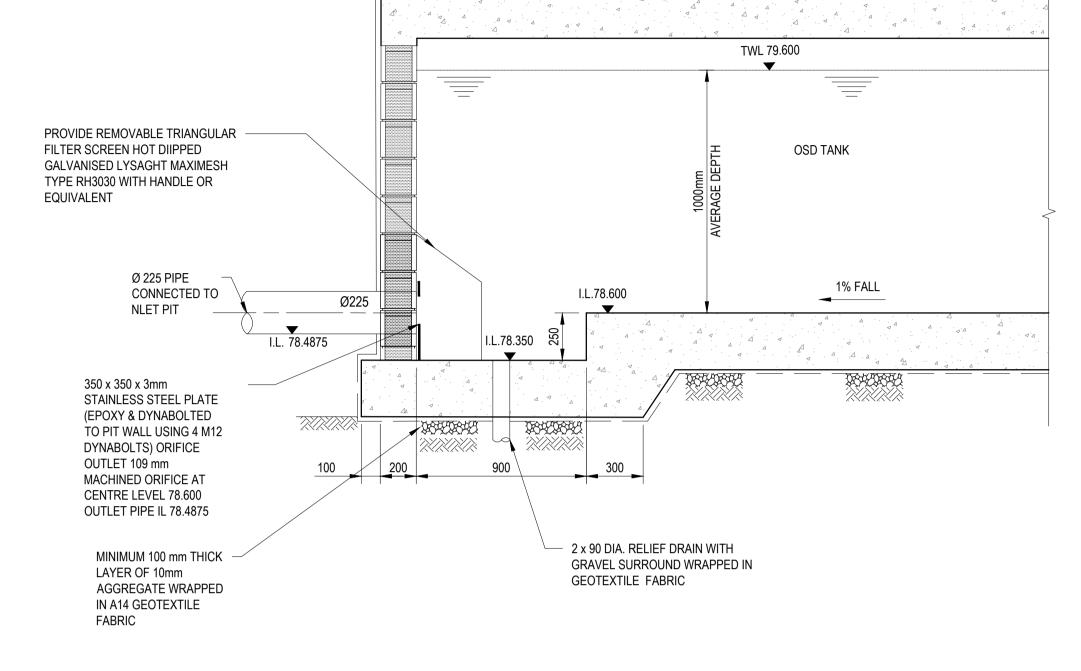
SAM CRAWFORD ARCHITECT			
LOT 17/DP 219782 LOT 18/DP 219782 3-5 KELLOWAY AVENUE, CAMDEN, 2570 NSW		FOR APPROVAL BE USED FOR CONSTRUCTION PU	
STORMWATER STANDARD DETAILS SHEET 1	Drawing Number 8082228-C	AS SHOWN I-0201	A1 Revision



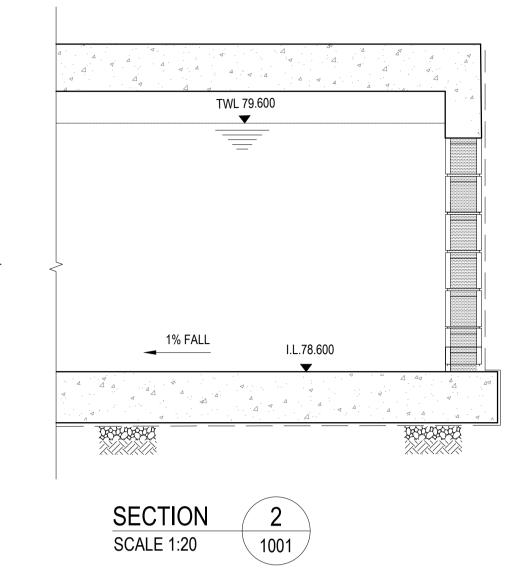
2 x 90 DIA. RELIEF DRAIN WITH

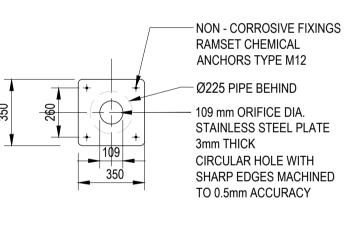
GEOTEXTILE FABRIC

GRAVEL SURROUND WRAPPED IN



RL. 80.00





HANDLE-RH3030 GALVANISED OR EQUIVALENT. - ORIFICE PLATE BEYOND STEEL PLATE CLIP WELDED TO BASKET GALV. TYPICAL EITHER SIDE STEEL PLATE BRACKET GALV. FIXED TO FIT WALL WITH 2 LOXINS TO SEAT

MINIMUM 100 mm THICK

AGGREGATE WRAPPED

LAYER OF 10mm

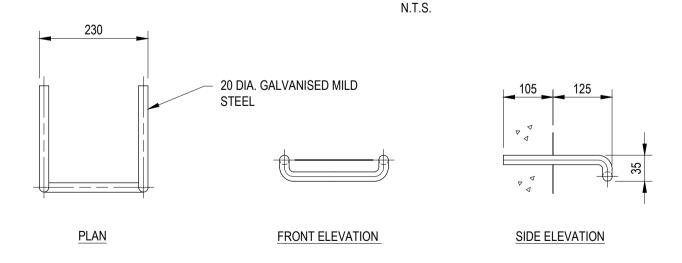
FABRIC

LYSAGHT MAXIMESH

IN A14 GEOTEXTILE

ORIFICE DIAMETER TO BE ENGRAVED ON THE PLATE SURFACE. ORIFICE TO BE EPOXY SEALED AROUND OUTER EDGES.

ORIFICE PLATE DETAIL -OSD TRASH SCREEN DETAIL N.T.S.



OSD SYSTEM DESIGN PARAMETER

SITE AREA = 1273 Sq m.

OSD STORAGE REQUIRED FOR SITE = 30 m3 PSD 5 MIN 5YEAR ARI =25 L/S

OSD STORAGE PROVIDED = 30.0m3

OSD TANK DETAIL DEPTH OF WATER = 1.0m TANK AREA = 30.00 m2 ORIFICE DIAMETER = 109mm

STEP IRON DETAIL	
N.T.S.	

2-5 V						
1 16. 14.11 10 00013100011 122.220						
1						
,						
	2	12/12/2022	DRAFT DA	G.M.	C.F.	C.F.
	1	30/08/2022	70% DRAFT PART 5	G.M.	C.F.	C.F.
	Rev.	Date	Description	Des.	Verif.	Appd.



samcrawfordarchitects Level 2, 17 Federation Rd, Newtown, Australia NSW 2042 **EMAIL** studio@samcrawfordarchitects.com.au **WEB** samcrawfordarchitects.com.au ACN 165 409 567 Nominated Architect Sam Crawford 6498

TELEPHONE +612 9519 6800

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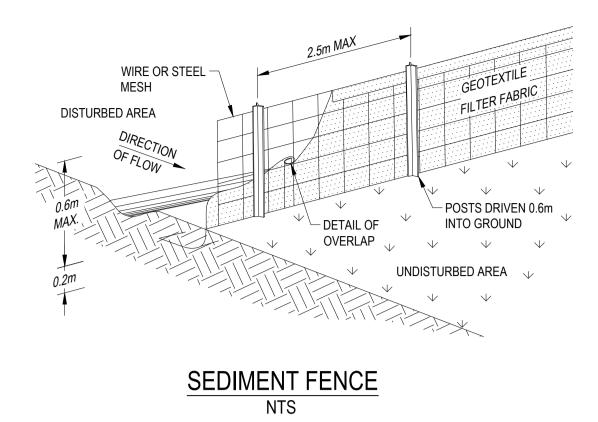


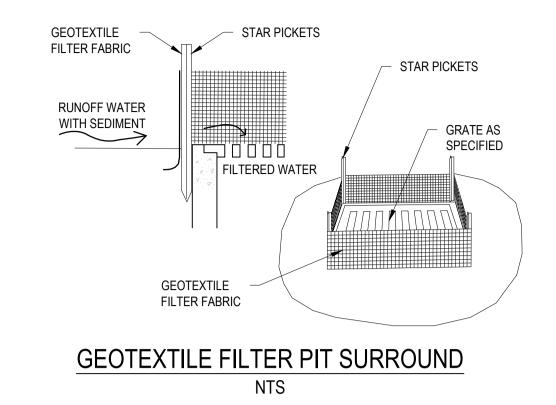
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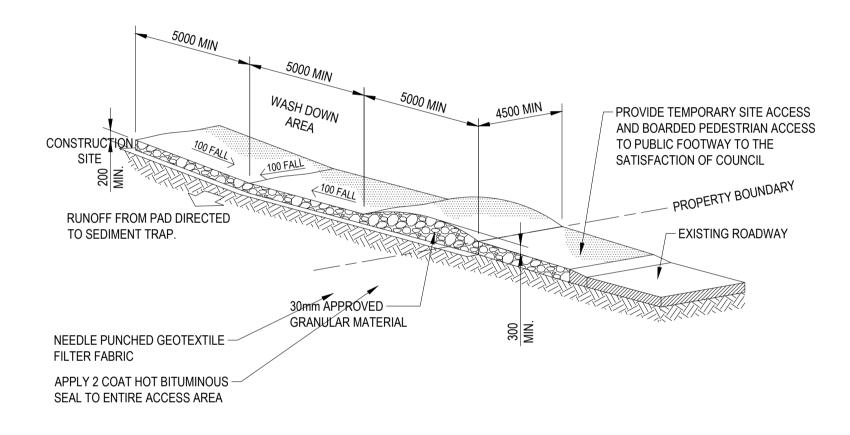
	Drawn	Date
	G.M.	APRIL 2022
®	Checked	Date
	K.P.	APRIL 2022
	Designed	Date
	K.P.	APRIL 2022
	Verified	Date
	C.F.	APRIL 2022
	Approved	
	'	

Client	SAM CRAWFORD ARCHITECT				
Project	CAMDEN BOARDING HOUSE LOT 17/DP 219782 LOT 18/DP 219782 3-5 KELLOWAY AVENUE, CAMDEN, 2570 NSW	NOT TO BE US	FOR APPROVAL D BE USED FOR CONSTRUCTION PU		IRPOSES
Title	STORMWATER STANDARD DETAILS SHEET 2	AHD Drawing Number 808	AS SHO 22228-CI-0202	WN	A1 Revision

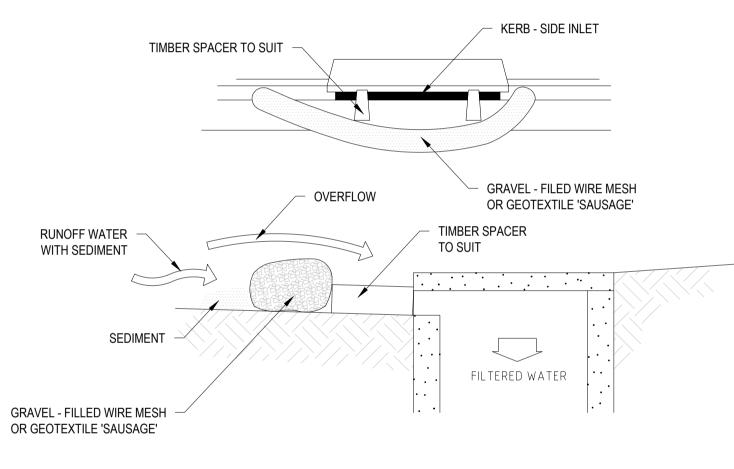
NTS





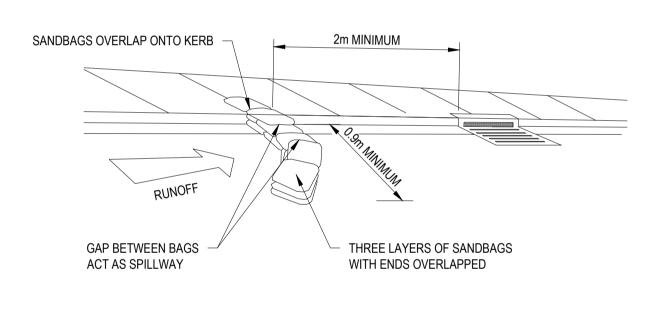


STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA

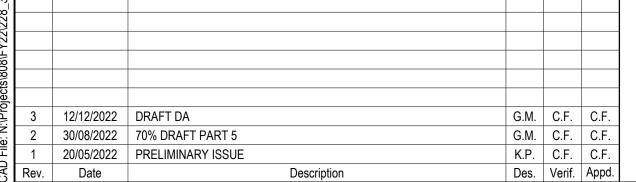


MESH AND GRAVEL INLET FILTER

NTS



SANDBAG SEDIMENT TRAP FOR KERB INLET ON GRADE NTS





Level 2, 17 Federation Rd, Newtown, Australia NSW 2042
TELEPHONE +612 9519 6800
EMAIL studio@samcrawfordarchitects.com.au
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Checked	Date
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Designed	Date
K.P.	APRIL 202
Verified	Date
C.F.	APRIL 202
Approved	

e 2	Client SAM CRAWFORD ARCHITECT
e 2	Project CAMDEN BOARDING HOUSE
e 2	LOT 17/DP 219782 LOT 18/DP 219782
<u>-</u> e	3-5 KELLOWAY AVENUE, CAMDEN, 2570 NSW
2	Title SEDIMENTATION AND EROSION
	CONTROL DETAILS

Status	FOR AP	PROVAL		
NOT TO BE USED FOR CONSTRUCTION PUR				
Datum		Scale	Size	
AHD		AS SHOWN		A1
Drawing Number				
808	822228-C	I-0221		3