Ashbury Stage 2

149-163 Milton St, Ashbury NSW 2193

STORMWATER MANAGEMENT

SHEET LIST

(20) DRAWING LIST - STORMWATER					
NUMBER	TITLE	REVISION			
SW00	LEGEND AND COVER SHEET	С			
SW01	BASEMENT - SHEET 1 OF 2	С			
SW02	BASEMENT - SHEET 2 OF 2	С			
SW03	GROUND FLOOR - SHEET 1 OF 2	С			
SW04	GROUND FLOOR - SHEET 2 OF 2	С			
SW05	DETAIL SHEET 1	С			
SW06	DETAIL SHEET 2	С			
SW07	SEDIMENT AND EROSION CONTROL	С			
SW08	DETAIL SHEET 3	A			



HYDRAULIC SCHEMATIC & LAYOUT PIPEWORK

PIPEWORK SYSTEM COLOURS & ABBREVIATIONS

CONDENSATE DRAIN STACK VENT **CHAMBER VENT HEADER VENT GREASE VENT** GREASE TRADE WASTE RELIEF VENT **AUTHORITY WATER MAIN** SANITARY DRAINAGE **AUTHORITY GAS MAIN AUTHORITY SEWER MAIN** HOT WATER FLOW SEWER RISING MAIN HOT WATER RETURN SW **AUTHORITY STORMWATER MAIN** WARM WATER RETURN STORMWATER RISING MAIN NATURAL GAS SW/OF NPCW STORM WATER OVERFLOW TW RRW TRADE WASTE TWV VP SS TRADE WASTE VENT PIPE IRRIGATION WATER VENT PIPE SUBSOIL DRAINAGE FIRE HOSE REEL SIP/OF CAST IN PIPE

YXX/YXX/YXX

PIPE INSULATION

SIPHONIC OVERFLOW

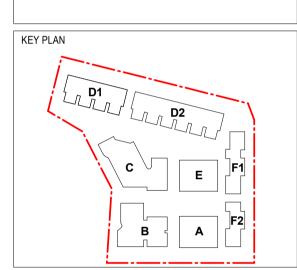
	RAIN WATER OUTLET	×
KKK	REDUCED PRESSURE ZONE DEVICE	AP
	REFLUX VALVE	Ġ.
$lack{lack}$	RISER WITH ISOLATION VALVE	≫
•/0	RISER [WATER / GAS]	
•/0	RISER [DRAINAGE / VENT STACK]	
lacksquare	SHOWER TAPS	1801
$(\widehat{\boxtimes})(\widehat{\boxplus})$	SOAKWELL [SEALED LID / GRATED LID]	\bigcirc
S	SOLENOID VALVE	\boxtimes
$\overline{\triangleright}$	STRAINER	
	SUB SOIL DRAINAGE	K
H	TAP IN / LOCATE AND CONNECT IN TO	T ● ●J
$\stackrel{+}{\bullet}\stackrel{+}{\bullet}$	TAP SET [HOT AND COLD WATER]	
0	TENANCY POINT	+
•	TEMPERING VALVE [50°C] / THERMOSTATIC MIXING VALVE [45°C]	 }
	THERMOSTATIC CIRCULATING VALVE))
	TRAP PRIMING VALVE	Ç
	TUNDISH / FLAT BACK TUNDISH / IN-WALL TUNDISH	
•W•	WATER SERVICE METER	
	WATER METER ASSEMBLY + CABINET	<u>></u>

<u>SYMBOLS</u>

ABOLISH / DEMOLISHED PIPES AND FIXTURES		FLOOR WASTE GULLY
ACCESS PANEL	F	FLOW SWITCH
ADAPTABLE UNIT	●-[GAS BAYONET
AIR ADMITTANCE VALVE	●G ●	GAS SERVICE METER
AIR ELIMINATOR VALVE		GAS REGULATOR
BALANCING VALVE	→	GAS METER ASSEMBLY + CABINET
BALL VALVE	• •	GAS TURRET [DOUBLE / SINGLE]
BOUNDARY TRAP	\bowtie	GATE VALVE / GATE VALVE IN PIT
BUCKET TRAP	rài	GLOBE VALVE
CAPPED END		GRATED CHANNEL DRAIN
CHECK/NON-RETURN VALVE		GRATED SUMP BOX / WITH DOWNPIPE
CISTERN STOP VALVE [LEFT / RIGHT]		GREASE TRAP
CLEAN OUT [EXTERNAL / HINGED LID / INTERNAL]	•× •->	HOSE COCK / HOSE TAP
COLD OR HOT WATER TAP [BREECHING PIECE]		INDUSTRIAL FLOOR WASTE GULLY
CONNECT IN LINE / LOCATE AND CONNECT	HWU	ELECTRIC HOT WATER UNIT / STORAGE U
CONTINUATION	HWU	GAS HOT WATER UNIT / STORAGE UNIT
CONTROL PANEL		INSPECTION OPENING
CONTROL VALVE	0	INSPECTION OPENING
DILUTION TRAP	\bowtie	ISOLATION VALVE
DISCONNECTOR GULLY / OVERFLOW RELIEF GULLY		ISOLATION VALVE IN PIT
PRESSURE RELIEF VALVE		PUMP

	XX	DOUBLE CHECK VALVE
	0	DOWNPIPE
	G	PIPE DROPPER [DRAINAGE]
	\mathbf{x}	EXPANSION VALVE
	*	FIRE BOOSTER VALVE
INET	\otimes	SINGLE FIRE HYDRANT
.E]	$\otimes \bullet \otimes \otimes \otimes \otimes$	DUAL FIRE HYDRANT / HYDRANT WITH COVER
PIT		FIRE HOSE REEL
	● F	FIRE SERVICE METER
		FIRE SPRINKLER HEAD
WNPIPE		FLEX JOINT
	\bowtie_{\circ}	FLOAT VALVE
	$(\widehat{\boxtimes})$	MANHOLE
JLLY	•	MIXER TAP
STORAGE UNIT	M	MONITORED ISOLATION VALVE
AGE UNIT	\geq	NON-RETURN VALVE
	0-000	NON-RETURN STOP VALVE
		PLANTER DRAIN
	\triangleright	PRESSURE LIMITING VALVE
		PRESSURE REDUCTION VALVE
		PUMP STATION

AMENDMENTS/REVISIONS				
Rev	Description	Initials	Date	
Α	DA ISSUE	BM	02.09.20	
В	REVISED DA ISSUE	BM	30.08.21	
С	REVISED DA ISSUE	BM	13.03.24	











PROJECT

Ashbury Stage 2 149-163 Milton St, Ashbury NSW

DRAWING TITLE

STORMWATER MANAGEMENT

LEGEND AND COVER SHEET

DA ISSUE RN PS BM N.T.S

EN-N23_262





CORONATION PROPERTY

T 61 2 9380 9911

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B REVISED DA ISSUE

C REVISED DA ISSUE

BM 30.08.21

BM 13.03.24

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149-163 Milton St, Ashbury NSW

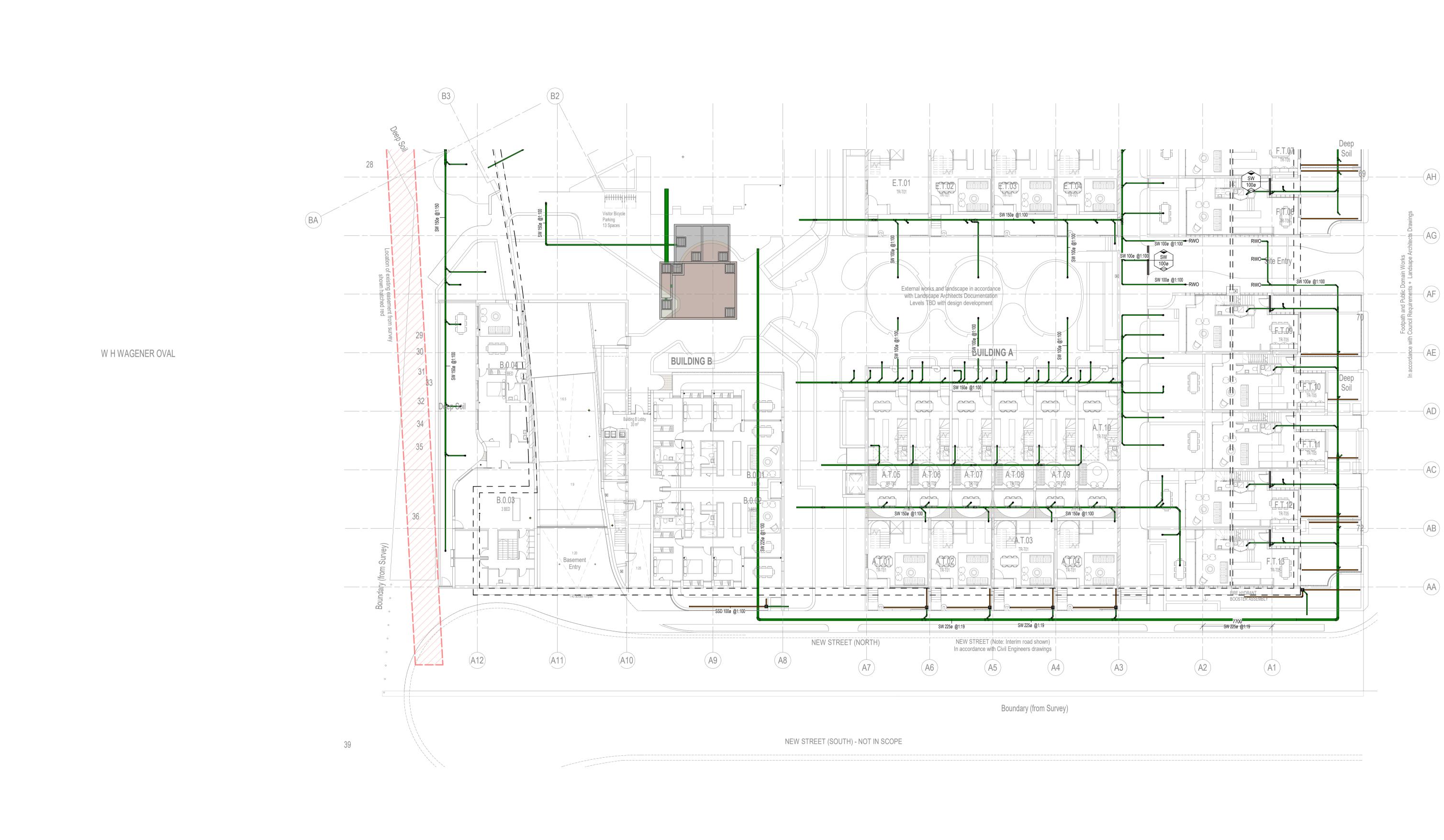
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BASEMENT - SHEET 2 OF 2

SW02 C

EN-N23_262





ARCHITECT

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Ashbury Stage 2

149-163 Milton St, Ashbury NSW

DRAWING TITLE

STORMWATER MANAGEMENT

GROUND FLOOR - SHEET 2 OF 2

DA ISSUE

SW04 C

DRAWN DESIGNED CHECKED SCALE @A1

RN PS BM 1:200

EN-N23_262

AMENDMENTS/REVISIONS

Rev Description
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B REVISED DA ISSUE

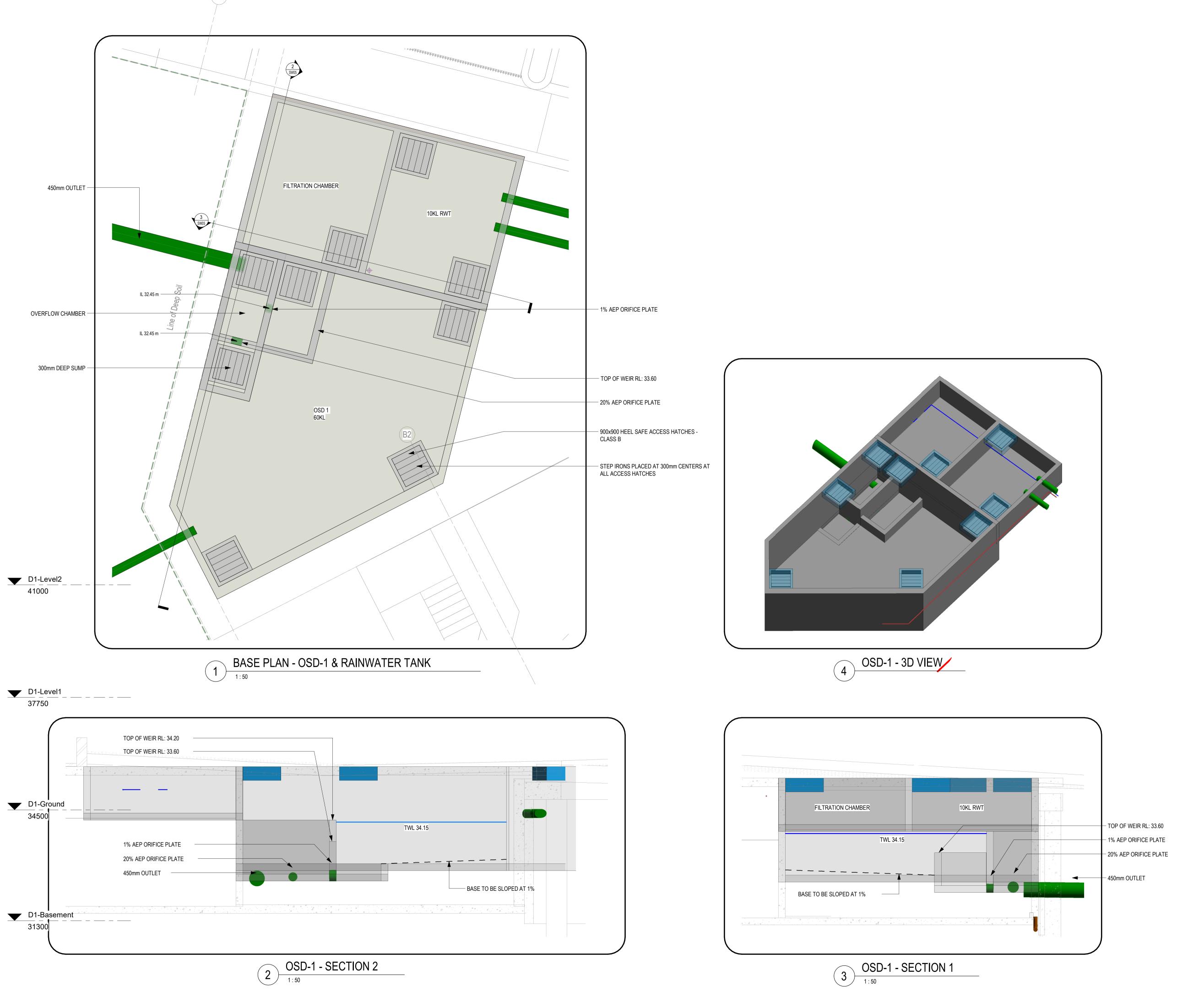
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NOTES

Initials Date BM 02.09.20

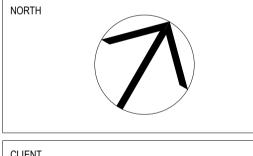
BM 30.08.21

BM 13.03.24



AMENDMENTS/REVISIONS Rev Description
A DA ISSUE Initials Date BM 02.09.20 B REVISED DA ISSUE
C REVISED DA ISSUE BM 30.08.21 BM 13.03.24

KEY PLAN



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PROJECT

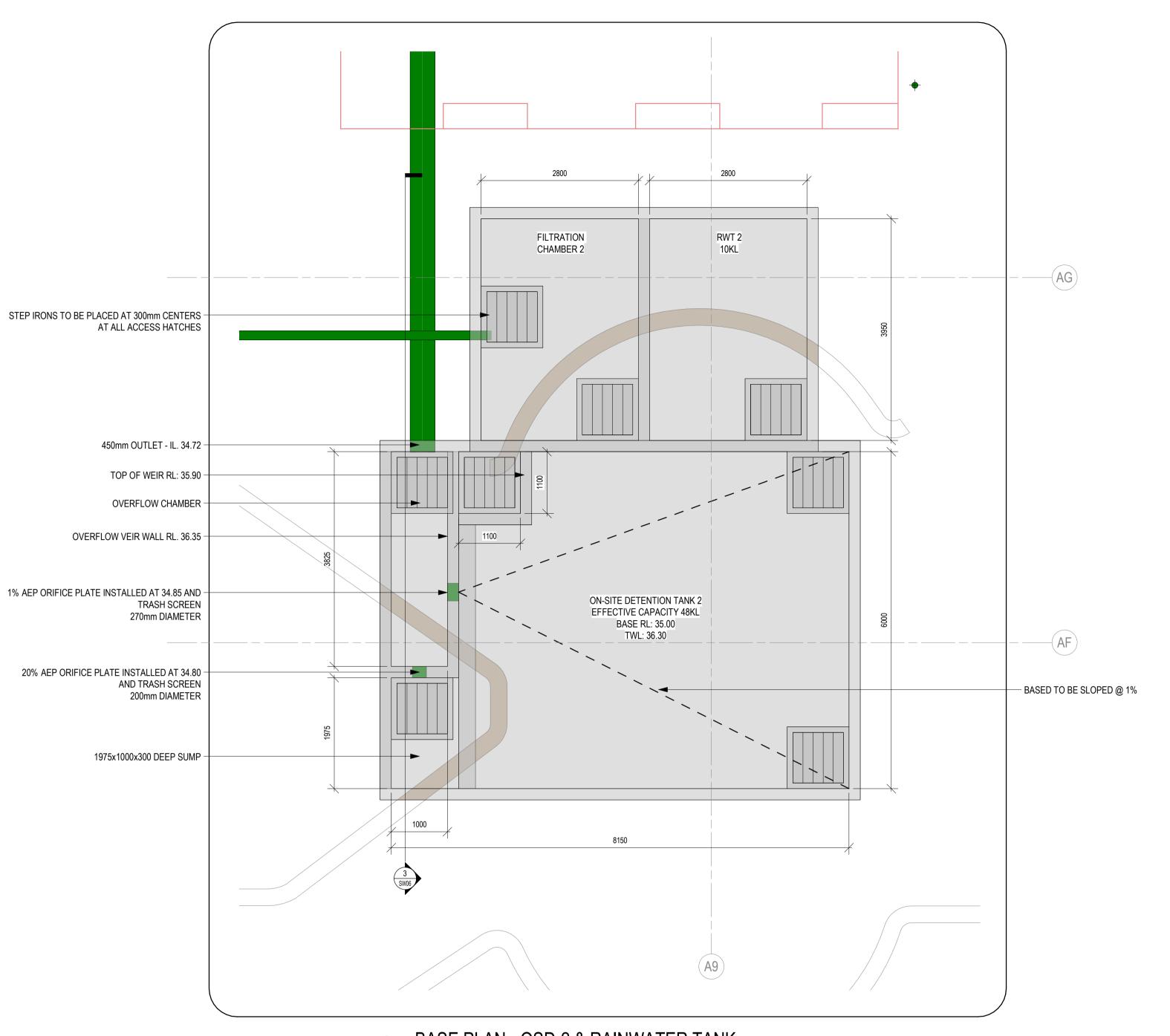
Ashbury Stage 2 149-163 Milton St, Ashbury NSW 2193

DRAWING TITLE

STORMWATER MANAGEMENT

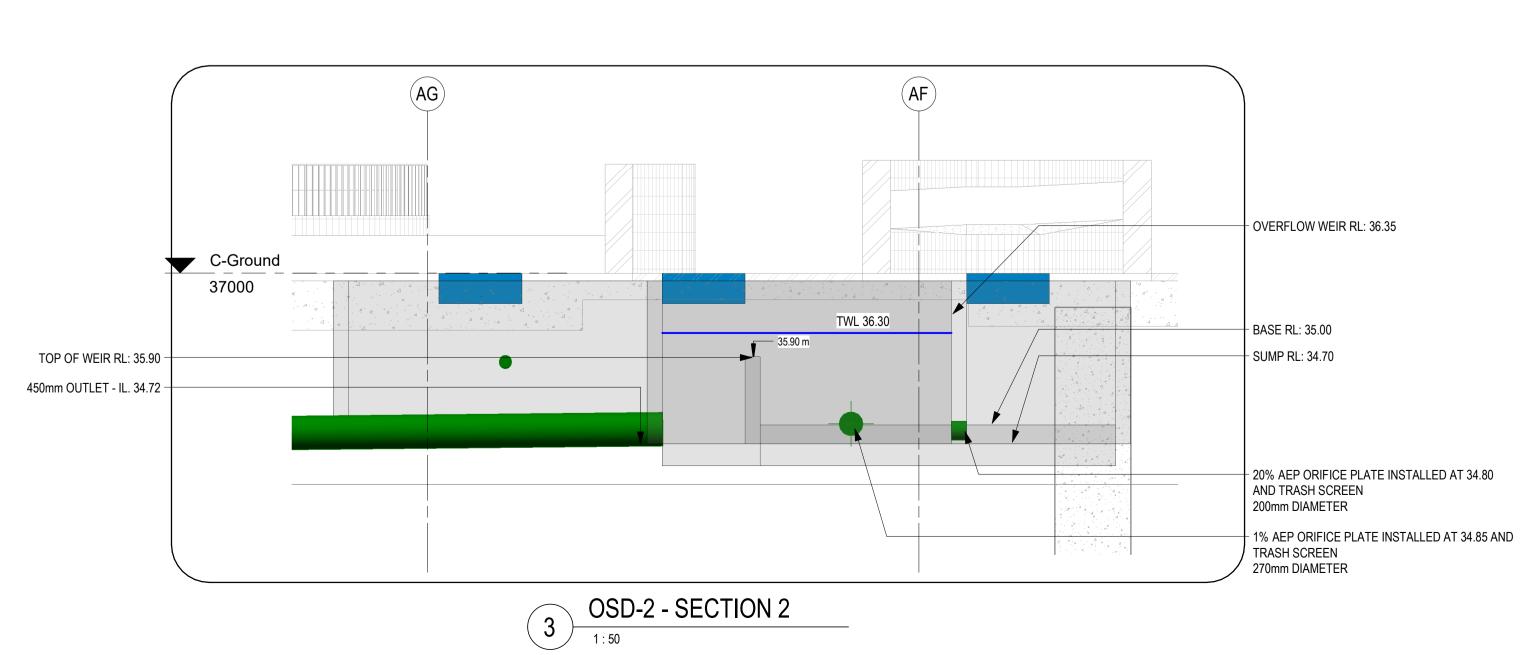
DETAIL SHEET 1

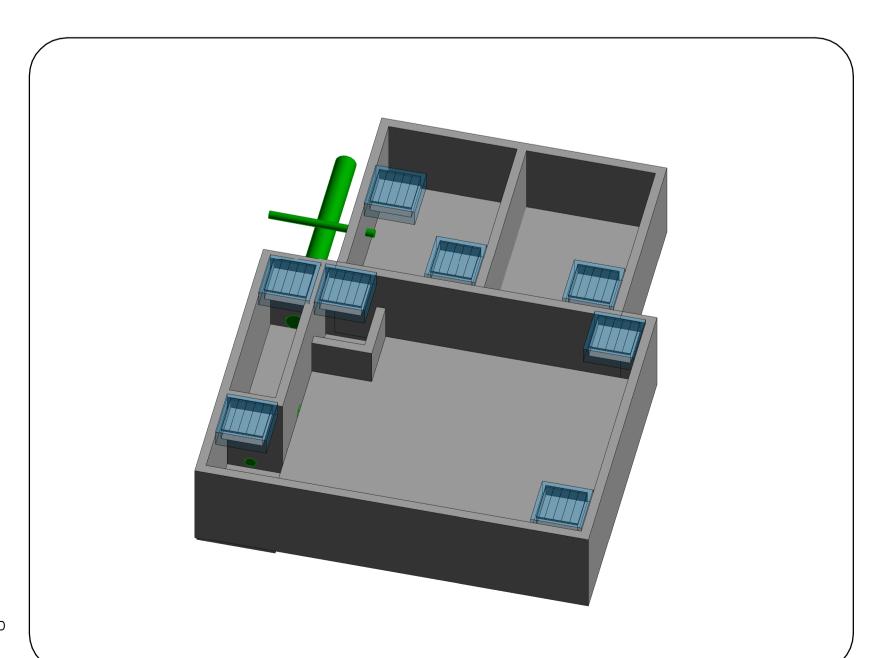
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BASE PLAN - OSD-2 & RAINWATER TANK

1:50

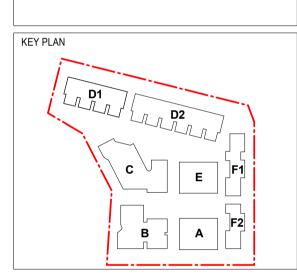




OSD-2 - 3D VIEW

Rev	Description	Initials	Date
Α	DA ISSUE	BM	02.09.2
В	REVISED DA ISSUE	BM	30.08.2
С	REVISED DA ISSUE	BM	13.03.2

NOTES







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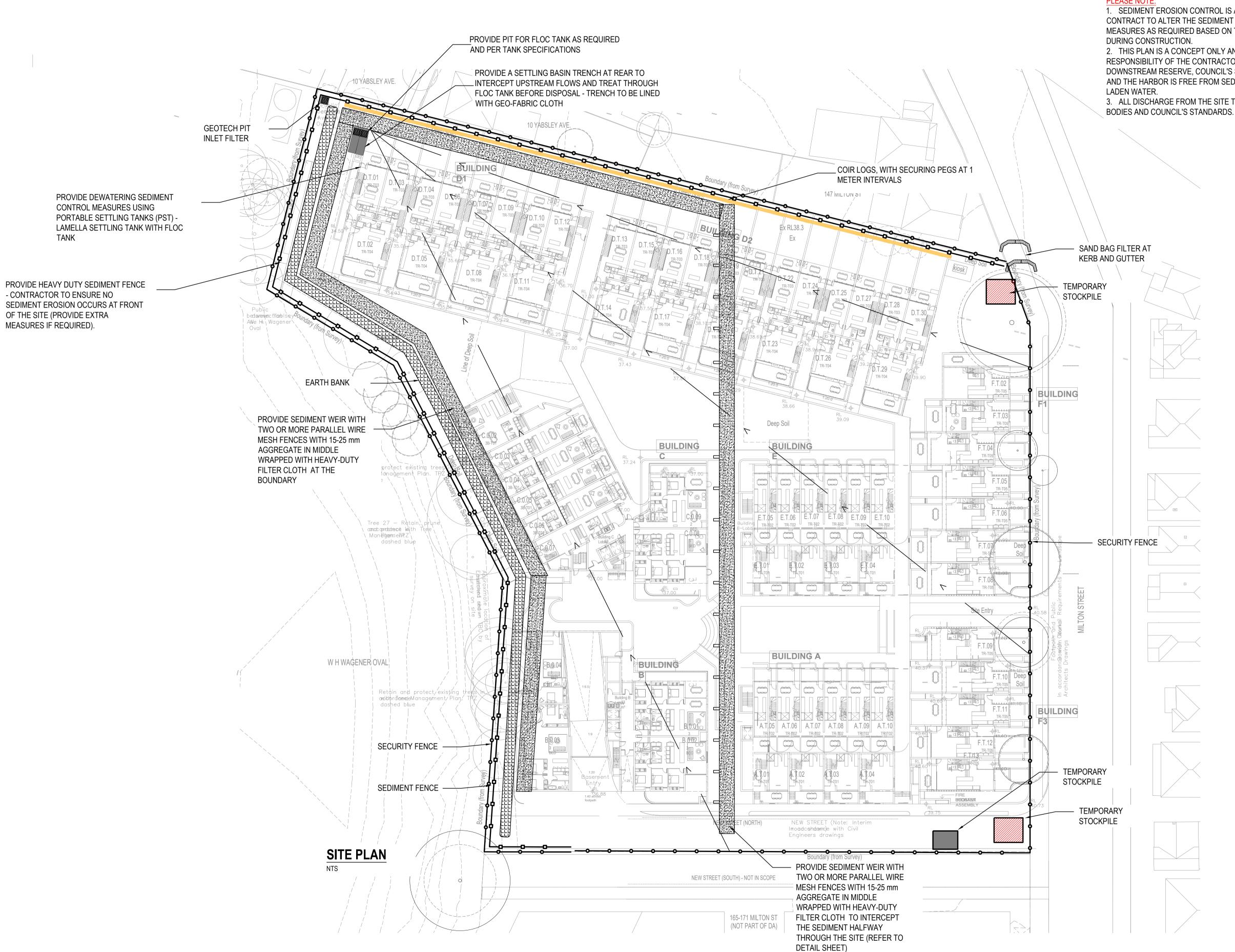
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DRAWING TITLE

STORMWATER MANAGEMENT

DETAIL SHEET 2

	DA ISSUE					
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PROJECT No. EN-N23_262		DRAWING No.		REVISION		



PLEASE NOTE:

1. SEDIMENT EROSION CONTROL IS A STAGED PROCESS. CONTRACT TO ALTER THE SEDIMENT EROSION PLANS AND MEASURES AS REQUIRED BASED ON THE SPECIFIC STAGES

2. THIS PLAN IS A CONCEPT ONLY AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE DOWNSTREAM RESERVE, COUNCIL'S STORMWATER NETWORK AND THE HARBOR IS FREE FROM SEDIMENTS AND SEDIMENT

3. ALL DISCHARGE FROM THE SITE TO MEET REGULATORY

KEY PLAN В

AMENDMENTS/REVISIONS

BM 02.09.20

BM 30.08.21

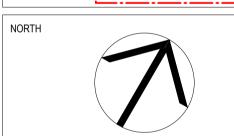
BM 13.03.24

Rev Description A DA ISSUE

NOTES

B REVISED DA ISSUE

C REVISED DA ISSUE





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ARCHITECT

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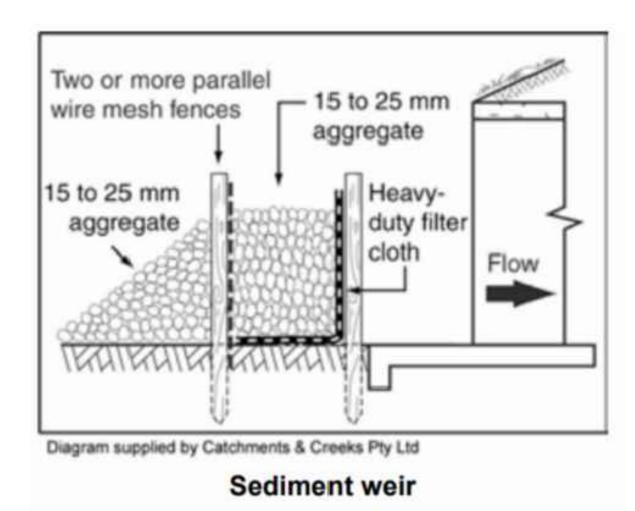
PROJECT

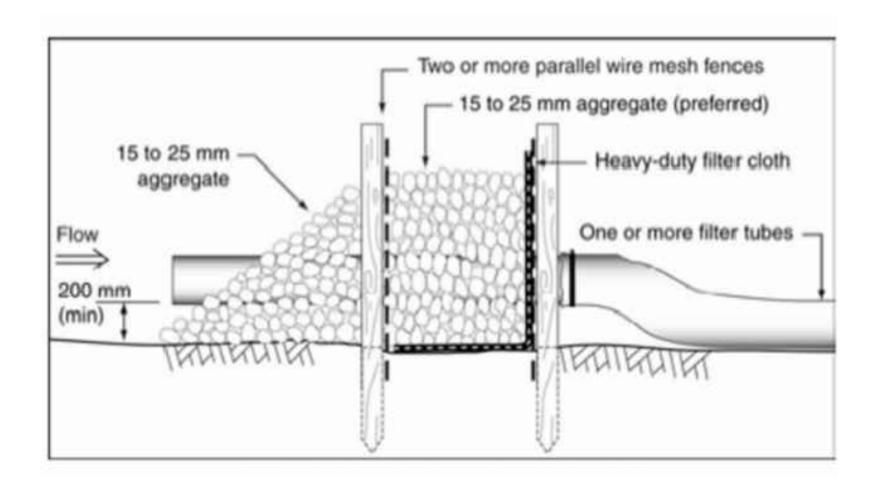
Ashbury Stage 2 149-163 Milton St, Ashbury NSW

DRAWING TITLE

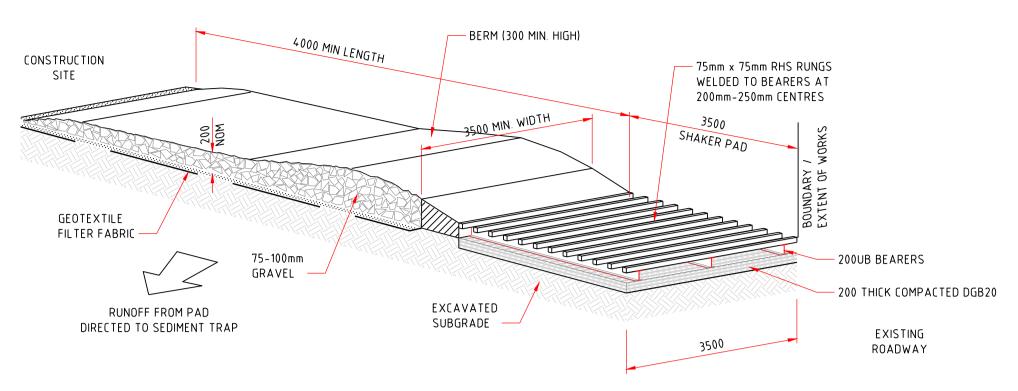
STORMWATER MANAGEMENT SEDIMENT AND EROSION CONTROL

DA ISSUE							
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PROJECT No. EN-N23_262			DRAWI SW		REVIS		





Sediment weir with filter tube incorporated into the weir

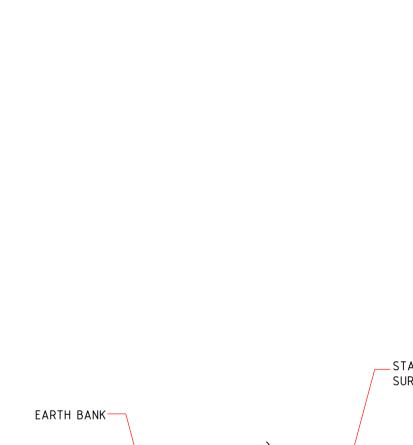


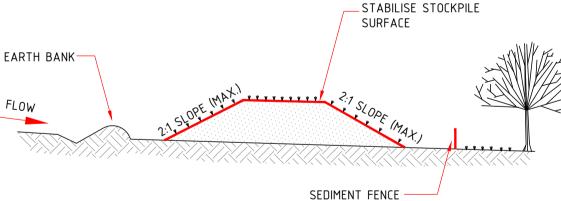
STABILISED SITE ACCESS

- THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO
- PUBLIC RIGHTS OF WAY,
- THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT,
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY. INSTALL BARRIER ON EITHER SIDE OF SHAKER PAD
- TO ENSURE VEHICLES ARE GUIDED ON TO THE PAD.

• INVERT OF SHAKER PAD TO BE DRAINED VIA AGRICULTURAL PIPE WRAPPED IN GEOTEXTILE FABRIC.

ST8.02

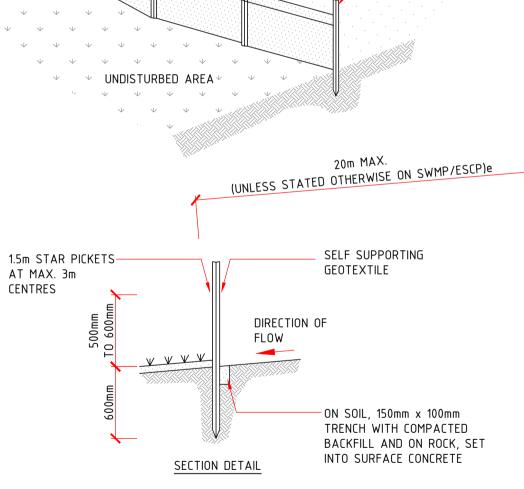




CONSTRUCTION NOTES -

1. LOCATE STOCKPILE AT LEAST 5 METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOES, ROADS AND HAZARD

- 2. CONSTRUCT ON THE CONTOUR AS A LOW, FLAT, ELONGATED MOUND.
- 3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
- 4. REHABILITATE IN ACCORDANCE WITH SWMP/ESCP.
- CONSTRUCT EARTH BANK ON UPSLOPE SIDE TO DIVERT RUN OFF AROUND THE STOCKPILE AND A SEDIMENT FENCE 1 TO 2



1.5m STAR PICKETS

AT MAX. 3m CENTRES

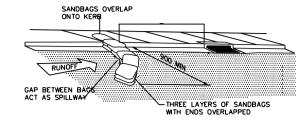
CONSTRUCTION NOTES -

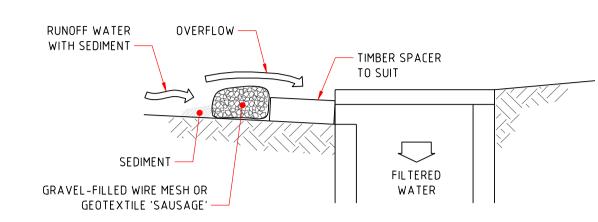
- 1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
- 2. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND, 3 METRES APART.

DISTURBED AREA

- 3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED. 4. BACKFILL TRENCH OVER BASE OF FABRIC. 5. SELF SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE
- 6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH 150mm OVERLAP.







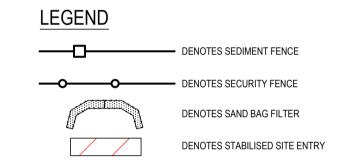
MESH AND GRAVEL INLET FILTER

NOT TO SCALE

- THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED IN AN APPROVED SWMP/ESCP.
- 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 100-mm SPACE
- BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACE 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 FIRMLY ABUT EACH OTHER AND

ST8.06

SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.



SEDIMENT & EROSION CONTROL SPECIFICATION

- 1. THE CONTRACTOR SHALL INSTIGATE ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH COUNCIL REQUIREMENTS AND THE "BLUE BOOK" (MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION, PRODUCED BY THE DEPARTMENT OF HOUSING). THESE MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED.
- THE SEDIMENT & EROSION CONTROL PLAN PRESENTS CONCEPTS ONLY, THE CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCIL'S DESIGN, AND ALL OTHER REGULATORY AUTHORITY
- REQUIREMENTS. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE SHALL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE
- UNDERTAKEN IN THE FOLLOWING SEQUENCE: 4. INSTALL ALL TEMPORARY SEDIMENT FENCES AND BARRIER FENCES. WHERE FENCES ARE ADJACENT TO EACH OTHER THE SEDIMENT FENCE
- 5. CONSTRUCT TEMPORARY STABILISED SITE ACCESS. INCLUDING SHAKE DOWN AND WASH PAD.

CAN BE INCORPORATED INTO THE BARRIER FENCE.

SEDIMENT AND CONTROL PLANS (ONCE APPROVED)

- 6. INSTALL SEDIMENT CONTROL MEASURES AS OUTLINED ON THESE
- 7. THE CONTRACTOR SHALL UNDERTAKE SITE DEVELOPMENT WORKS SO
- THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MINIMUM WORKABLE
- 8. AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- SURFACE) SHALL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT. 10. WATER SHALL BE PREVENTED FROM ENTERING THE PERMANENT

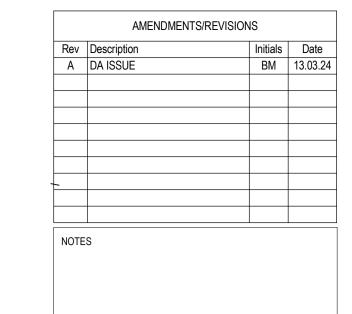
9. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE

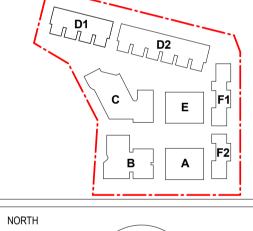
DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEEN STABILISED

- AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED OUT. 11. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES SHALL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE
- 12. THE CONTRACTOR SHALL ALLOW FOR THE ESTABLISHMENT OF ANY OTHER EROSION PROTECTION MEASURES. (IF APPLICABLE)

STABILISED / REHABILITATED.

- 13. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.
- 14. ACCEPTABLE RECEPTORS SHALL BE USED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER. WASTE FROM THESE RECEPTORS SHALL BE DISPOSED OF IN ACCORDANCE WITH REGULATORY AUTHORITY REQUIREMENTS. PAY ALL FEES AND PROVIDE EVIDENCE OF SAFE DISPOSAL.









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CONSULTANT



PROJECT

Ashbury Stage 2 149-163 Milton St, Ashbury NSW

DRAWING TITLE

DETAIL SHEET 3

STORMWATER MANAGEMENT SEDIMENT AND EROSION CONTROL

DA ISSUE DRAWN DESIGNED CHECKED SCALE @A1

EN-N23_262