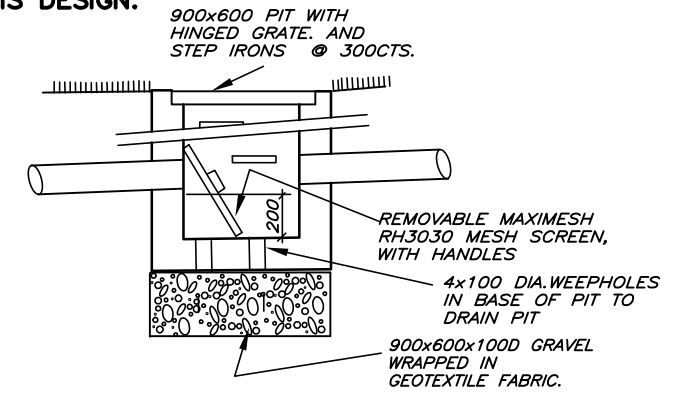


GROUND FLOOR LAYOUT

REFER TO SHEET 2 FOR RAINWATER TANK DETAILS.
LEAF GUTTER GUARDS OR SIMILAR SCREENING
RECOMMENDED TO ALL GUTTERS.

WHSA HAZARD IDENTIFICATION:
TRENCHING-ALL PERSONS TO FOLLOW THEIR APPROVED SWMS IN
RELATION TO BARRICADING DEEP TRENCHES AND WEARING APPROPRIATE
CLOTHING. ANY PERSON WORKING INSIDE A TRENCH MUST BE
SUPERVISED BY ANOTHER PERSON.
DIAL BEFORE YOU DIG 1100 MUST BE CHECKED BEFORE ANY
TRENCHING COMMENCES ON SITE. ANY WORKS NEAR IDENTIFIED
SERVICES TO BE CARRIED OUT IN ACCORDANCE WITH THE TRADES SWMS.
INSTALLATION OF DOWNPIPES AND GUTTERING TO BE CARRIED OUT IN
ACCORDANCE WITH INSTALLERS APPROVED SWMS.

- THESE DRAWINGS ARE IN NO WAY TO BE USED AS
CERTIFICATION OF COMPLIANCE WITH ANY CODE OR
DOCUMENT WITHOUT A SEPARATE DESIGN CERTIFICATE
WHICH MAY REFERENCE THEM.
- ALL STORMWATER DRAINAGE WORKS TO BE CARRIED OUT
IN ACCORDANCE WITH COUNCIL DCP, RELATED POLICIES
AND S138, S68 APPLICATIONS.
- POSITIVE COVENANTS TO BE REGISTERED AS REQUIRED.
- WORK AS EXECUTED PLANS SHALL BE PREPARED IN
ACCORDANCE WITH COUNCIL REQUIREMENTS AND FINAL
STORMWATER CERTIFICATION BE PROVIDED BY ENGINEER
PER COUNCIL DCP BEFORE FINAL OCCUPATION
CERTIFICATE IS ISSUED BY PCA.
- DESIGN IS LIMITED TO STORMWATER DRAINAGE
DISPOSAL OF THE PROPOSED DWELLING ONLY. ALL
EXTERNAL SURFACE FLOWS DO NOT FORM PART OF
THIS DESIGN.



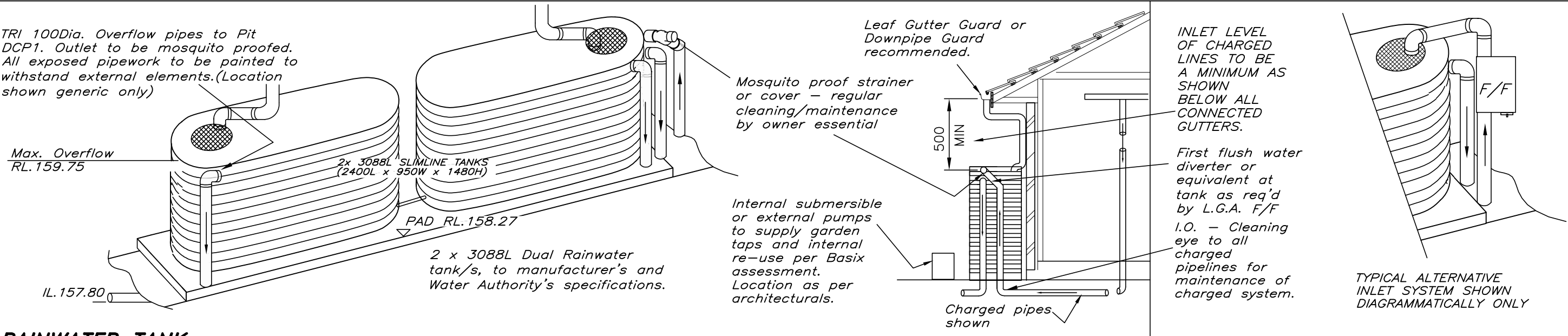
SILT ARRESTOR PIT - P1

PIPE SCHEDULE			LEGEND	
REFER TO NOTES FOR PIPE CLASS			R.L. 0.00	NEW REDUCED LEVEL (NEW FINISHED GROUND LEVEL)
TAG	PIPE DIA.	MIN.GRADE	+ 00.00	EXISTING LEVEL
B1	100	CHARGED	S.L. 0.00	SURFACE LEVEL
B2	100	2%	I.L. 0.00	INVERT LEVEL
C1	150	1%	T.O.W.	TOP OF WALL LEVEL
C2	150	2%	G.F.L. 0.00	GARAGE FLOOR LEVEL
D1	150x100 GAL. PIPE	1%	F.F.L. 0.00	FINISHED FLOOR LEVEL
ALL OTHER SURFACE WATERS TO BE STRICTLY CONNECTED TO A SEPARATE SYSTEM BY OWNER IN ACCORDANCE WITH AS 3500.3.2:2003 AND BCA PART 3.1.2.3.			A,B,C etc.	SEE PIPE SCHEDULE PIPE LABEL
RAINWATER TANKS WITH PUMPS TO SUPPLY GARDEN TAPS AND INTERNAL RE-USE AS PER BASIX ASSESSMENT			PIT P1	SURFACE INLET PIT
			PIT OP1	OVERLAND FLOW PIT
			90mm. AG. LINE	
			ODP	DOWNPIPE-SIZE
			GP	GULLY PIT
			GP	GARDEN GULLY PIT
			O/F	OVERFLOW-200x100
			RWH/S	RAIN WATER HEAD/SUMP
			SP	DP WITH SPREADER
			BG	BALCONY GULLY PIT
			CE	CLEANING EYE
				GROUND FALL
))))	100 HIGH EARTH MOUNDING

STORMWATER LAYOUT NOTES

-PITS UP TO 450 DEEP TO BE 350SQ U.N.O., PITS UP TO 600
DEEP TO BE 450 SQ U.N.O., PITS UP TO 900 DEEP TO BE 600 SQ
U.N.O., PITS UP TO 1200 DEEP TO BE 900 x 600 U.N.O., PITS
EXCEEDING 1200 DEEP TO BE 900 SQ. U.N.O. PITS TO BE PRECAST
CONCRETE OR RENDERED BRICK WITH CONCRETE HEAVY DUTY
GRATES. U.N.O. LIGHT DUTY PITS AND GRATES MAY BE USED ONLY
IN LIGHT/FOOT TRAFFICABLE AREAS. U.N.O. ALL PITS TO BE
BENCH TO DISCHARGE PIPES U.N.O. GAL. STEP IRONS TO ALL
PITS EXCEEDING 900 DEPTH.
-COVER AND SUMP GRATES SHALL COMPLY WITH AS2733 &
AS4198.
-DOWNPIPES TO BE 90 DIA IF CHARGED AND 100 x 50 BOX IF
GRAVITY. U.N.O. DP'S SHALL BE INSTALLED IN ACCORDANCE WITH
AS3500.3.2:4.11 & AS4198. MAX. ROOF AREA PER DOWNPIPE WITH
A NOMINATED GUTTER SIZE TO BE DETERMINED USING
MANUFACTURERS SPECIFICATIONS WITH OVERFLOW PROVISIONS BY
INSTALLERS.
-PIPES TO HAVE 1% MIN.GRADE U.N.O. BY PIT INVERTS. PIPES TO
BE V.C. CLASS 'X' OR U.P.V.C. CLASS STORMWATER PIPE TO
AS1254,1260,1273,1477,2179.2 AND WHERE EXPOSED TO DIRECT
SUNLIGHT TO HAVE ADEQUATE PROTECTION TO U.V. RADIATION IN
ACCORDANCE WITH AS2032. SEWER GRADE/GAL. PIPES AND KERB
ADAPTORS TO BE USED WHERE COUNCIL POLICY OR CONSENT
REQUIRE SUCH.
-GUTTER OUTLETS SHALL BE FITTED VERTICALLY TO THE SOLE OF
THE EAVE GUTTERS. RAINHEADS TO HAVE AN OVERFLOW DUCT OR
WEIR 50mm BELOW THEIR CREST.
-PROVIDE OVERFLOW SPITTERS TO ALL COVERED BALCONIES/
TERRACES. NOT TO BE DIRECTED ON TO ROOF SURFACES
-RISING MAINS (PRESSURE PIPE) TO BE IN ACCORDANCE WITH
AS3500.1:2.
-SUBSOIL DRAINS TO BE IN ACCORDANCE WITH AS2439.1 CLASS
100 TO BE USED ONLY IN SINGLE DWELLINGS.
-ALL PIPE JOINTS, VALVES TO BE IN ACCORDANCE WITH
AS3500.3.2:2.7 & AS3500.3.2
-EXPANSION JOINTS SHALL COMPLY WITH AS3500.3.2:TABLE 4.1 PVC
JOINTS AND ACCESSORIES TO COMPLY WITH AS2179.2 & AS4198.
-ALL TRENCHES TO BE IN ACCORDANCE WITH AS3500.3.2:7.2.8-14.
EMBEDMENT MATERIAL AND TRENCH FILL TO ALL PIPES &
SUBSOIL DRAINS TO BE IN ACCORDANCE WITH AS3500.3.2:7, ALL
WORKS TO BE IN ACCORDANCE WITH AS1254, 1741, 2032, 2733,
2865, 3996, 1260, 1477, 2179.1 & 2,2566, 6367, 8301, ARR97
& BCA.
-IT IS THE BUILDER'S RESPONSIBILITY TO CONFIRM THAT LEVELS
AND SURVEYS ARE IN ACCORDANCE WITH LEVELS ON SITE & ARE
APPROVED BY COUNCIL & ARCHITECT BEFORE COMMENCING WORK.
-NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW
THE MAXIMUM WATER SURFACE LEVEL IN DETENTION BASINS. ALL
BASIN WALLS TO BE WATERTIGHT & STRUCTURALLY DESIGNED BY A
STRUCTURAL ENGINEER.
-ALL FENCES WHICH MAY DIVERT FLOW FROM PROPOSED DIRECTION
TO BE RAISED 100mm.
-BUILDER TO ENSURE ALL DRAINAGE AREAS INCLUDING EXPOSED
BALCONIES TO HAVE OVERFLOW MECHANISM IN PLACE IN THE EVENT
OF BLOCKAGE WITH ADEQUATE OVERFLOW SECTION THROUGH
PLANTERS, PARAPETS ETC.
-ALL EXTERIOR FINISHED GROUND LEVELS TO BE SLOPING AWAY
FROM PERIMETER WALLS IN ALL CASES.
-ALL HEADROOM CLEARANCES TO BE COORDINATED BETWEEN
BUILDER & ARCHITECT. NOTIFY ENGINEER FOR APPROVAL IF ANY
CHANGES OCCUR.
-ALL GULLY POSITIONS ARE DIAGRAMMATIC ONLY- BUILDER SHOULD
CONSULT ARCHITECTURALS FOR DIMENSIONS TO LOCATE STORMWATER
ELEMENTS U.N.O.
-FIRE RATING TO ARCHITECT'S SPECIFICATION.
-ALL FINISHED FLOOR LEVELS ARE NOMINATED BY ARCHITECT.
-ALL SITE SAFETY MEASURES AND WORK METHOD STATEMENTS
PREPARED BY BUILDER/SUB-CONTRACTORS ARE TO BE
IMPLEMENTED DURING CONSTRUCTION. NO WORK IS TO COMMENCE
UNTIL ALL WORKERS CARRY OUT SITE INDUCTION, PREPARED AND
CARRIED OUT BY BUILDER. ANY HAZARD IDENTIFICATION TO BE
REPORTED IMMEDIATELY TO SITE SUPERVISOR TO CARRY OUT
NECESSARY PROCEDURES TO ELIMINATE HAZARD, PRIOR TO
PROCEEDING WITH WORK. STRUCTURAL AND GEOTECHNICAL ADVICE
SHOULD BE SOUGHT IN ALL CASES.
-CONFINED SPACES SIGNAGE TO BE INSTALLED IN ACCESSIBLE
UNDERGROUND TANKS TO WORK COVER SPECIFICATIONS. ALL PITS
EXCEEDING 600mm DEPTH TO HAVE 'J' BOLTS OR SIMILAR
INSTALLED TO GRATES.
-MAINTENANCE DEVICES REQ'D BY AUTHORITIES ARE NOT TO BE
ASSUMED SHOWN ON DRAWINGS.
-EARTH MOUNDING SHOWN AS TEMPORARY MEASURE UNTIL
LANDSCAPING COMPLETED TO DIRECT FLOWS AS SHOWN.

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REVISIONS	



RAINWATER TANK

TANK DETAILS SHOWN ARE A SUGGESTED CONFIGURATION ONLY. ANY MODIFICATIONS TO TANK VOLUME OR INLET AND OUTLET LEVELS MUST BE APPROVED BY ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION. TANK SHAPE, & DEVICES SHOWN ARE DIAGRAMMATIC ONLY. MINIMUM OF 450 CLEARANCE (UNLESS L.G.A. REQUIRES LARGER SETBACK) TO SIDE BOUNDARIES MUST BE MAINTAINED. CLIENT IS RESPONSIBLE TO ENSURE COMPLIANCE WITH THIS IN THE INSTALLED STATE.

Charged stormwater lines from Roof Areas ONLY to rainwater tank.

All joints to be solvent welded. All exposed pipework to be painted to withstand external elements.

First flush water diverter at tank to comply with Water Authority and council DCP's. An approved switch system similar to 'Rainbank' to be used via mains. Pumps to manuf. specs.

Rain Tank to be installed and maintained to manufacturers specifications and to comply with all Water Authority Guidelines.

Client to be responsible for maintenance system of charged pipelines. Debris accumulation significantly affects systems performance. Maintenance program essential.

Structural details for tank base by manufacturer or others.

WHSA HAZARD IDENTIFICATION:

DEEP TRENCHING--ALL PERSONS TO FOLLOW THEIR SWMS IN RELATION TO BARRICADING DEEP TRENCHES AND WEARING APPROPRIATE CLOTHING. ANY PERSON WORKING INSIDE A TRENCH MUST BE SUPERVISED BY ANOTHER PERSON IN ACCORDANCE WORK COVER AND WORKING IN CONFINED SPACES.

DIAL BEFORE YOU DIG 1100 MUST BE CHECKED BEFORE ANY TRENCHING COMMENCES ON SITE. ANY WORKS NEAR IDENTIFIED SERVICES TO BE CARRIED OUT IN ACCORDANCE WITH THE TRADES SWMS.

INSTALLATION OF RAIN TANKS: PLUMBER/SITE SUPERVISOR TO ASSESS ACCESS SUITABILITY PRIOR OR POST SLAB CONSTRUCTION. INSTALLATION OF TANKS TO BE CARRIED OUT FOLLOWING SWMS OF TANK SUPPLIER AND PLUMBER. GEOTECHNICAL INVESTIGATIONS FOR BELOW GROUND TANKS TO BE CARRIED OUT BY APPROPRIATELY QUALIFIED PERSONAL IN RELATION TO SUITABLE BATTERS OR SHORING.

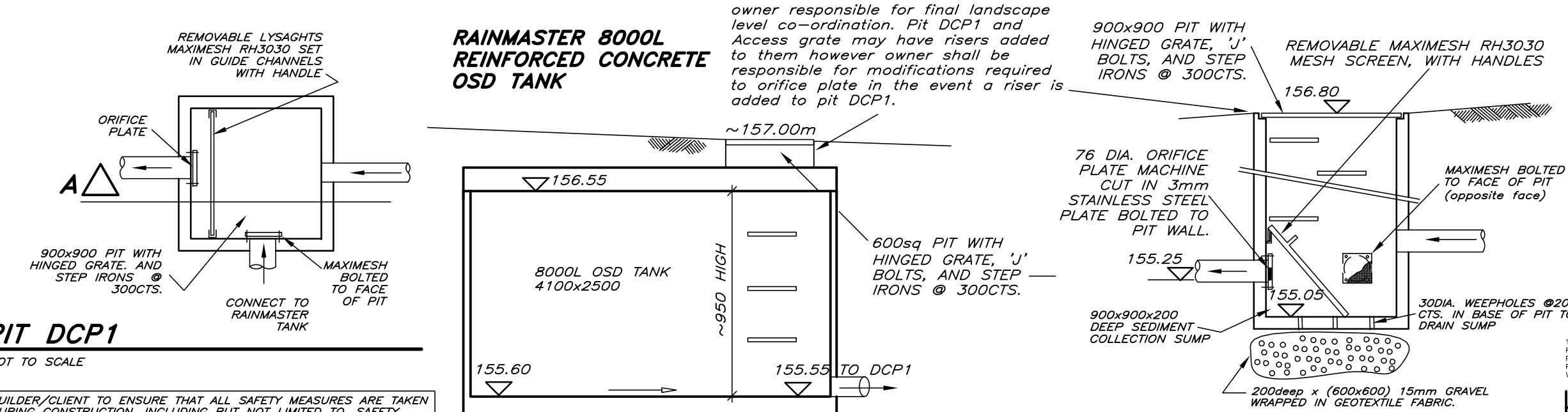
THIS IS AN
**ON-SITE STORMWATER
DETENTION SYSTEM**
REQUIRED BY YOUR LOCAL COUNCIL

IT IS AN OFFENSE TO REDUCE THE VOLUME OR TO INTERFERE WITH THE ORIFICE PLATE THAT CONTROLS THE OUTFLOW

THE BASE OF THE OUTLET CONTROL PIT AND DEBRIS SCREEN MUST BE CLEANED OF DEBRIS AND SEDIMENT ON A REGULAR BASIS BY THE OWNER.

THIS PLATE MUST NOT BE REMOVED

Signage to be provided adjacent tanks
Size: 110 mm x 80mm



PIT DCP1

NOT TO SCALE

BUILDER/CLIENT TO ENSURE THAT ALL SAFETY MEASURES ARE TAKEN DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, SAFETY FENCING, SIGNAGE, OBTAINING STRUCTURAL AND GEOTECHNICAL ADVICE WHERE EXCAVATIONS ARE NEAR STRUCTURES OR SERVICES, SAFETY MEASURES RECOMMENDED BY PRODUCT SUPPLIERS ETC.

PIT DCP1 –SECTION A

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REVISIONS	

ISSUE	PRINTS	ISSUED TO	DATE
1	EMAIL	BUILDER/CLIENT	8-3-23

SCALE (A3) 1:200, 100 u.n.o.
SCALE BAR – 1m INTERVALS
DATE FEB . 2023
DRAWN M.I.
DESIGNED M.I.
APPROVED



IBRAHIM STORMWATER CONSULTANTS
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www.stormwater.net.au email: mail@stormwater.net.au

PROJECT
**PROPOSED RESIDENCE
AT 13 ROMFORD ROAD,
FRENCHS FOREST , FOR MR
SAMARAS & MRS MANETTAS**

THIS DRAWING
**STORMWATER
DETAILS SH.1**
BUILDER
CLARENDON HOMES

JOB NUMBER
C11260-16368
SHEET No.
2 of 2
REVISION