

emergency mains

back flow

prevention

device at

water meter

Sydney Water supply main

water tap,

rainwater to

and toilet

bypass of

RAINWATER TANK EXPLANATORY DIAGRAM (not to scale)

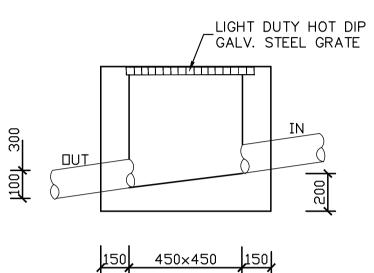
washing machine

PLEASE NOTE
AN IMPERMEABLE LINER SUCH AS BIDIM A44 GEO-FABRIC MUST BE
INSTALLED AT THE BASE
(AND UP THE EDGES) OF THE RAIN GARDEN TO STOP GROUND WATER
FILTERING INTO SURROUNDING SOIL
NOTING THE LANDSLIDE RISK EVIDENT PRIMARILY LINKED TO
GROUNDWATER.

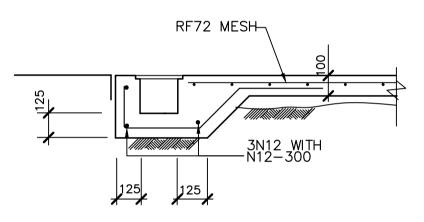
WATER SENSITIVE URBAN DESIGN ELEMENTS FORM PART OF THIS PROJECT
- RAIN GARDEN AND RAINWATER REUSE TANK
- REUSE OF TANK IN ACCORDANCE WITH BASIX REQUIREMENTS OR AS PER
COUNCIL REQUIREMENTS

RAIN GARDEN:

PROVIDED RAIN GARDEN AREA: 1.21m2



TYPICAL INTERNAL PIT



GRATED DRAIN

RAINWATER TANK NOTES:
RAINWATER TANK AND PIPE WORK IS TO BE PAINTED IN COLOURS MATCHING THE EXTERNAL FINISHES OF THE DWELLING AND IS TO BE NON-REFLECTIVE FINISH.

LEGEND				
RL 00.000	NEW REDUCED LEVEL			
GFL. 00.00	GROUND FLOOR LEVEL			
FFL. 00.00	FINISH FLOOR LEVEL			
A,B,C,D, etc.	REFER TO PIPE SEHEDULE			
L1	PIPE LABEL			
PIT P1	SURFACE INLET PIT			
● DP	DOWNPIPE			
□ RWH	RAIN WATER HEAD			
	PIT: SIZE AS MARKED			
	SEALED PIT: SIZE AS MARKED			
(11111111111111111111111111111111111111	W:200mm x D:200mm GRATED DRAIN			
	GROUND FALL			
	OVERLAND FLOW			
	100mm UPVC CHARGED LINE			
	DRAINAGE PIPE IN GROUND			
	RAINWATER TANK OVERFLOW PIPE			

	PIPE	SCHEDUI	LE
TO ALL GUTTERS			
AG	PIPE Ø	MATERIAL	Min. GRADE
Α	100	PVC	1%
В	100 OVERFLOW	PVC	1%
С	100 CHARGED	PVC	ı
)P	100	PVC	_

NOTES 1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS AND THE SPECIFICATON. 2. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL SATISFY LIMSSIFE OF THE CORPORATION OF EXISTING.

2. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL SATISFY HIMSELF OF THE CORRECT LOCATION OF EXISTING SERVICES WHETHER INDICATED OR NOT ON THE PLANS. ANY DAMAGE TO EXISTING SERVICES SHALL BE RECTIFIED AT THE CONTRACTORS EXPENSE.

3. TRAFFIC MANAGEMENT MEASURES HAVE TO BE IMPLEMENTED AND MAINTAINED DURING CONSTRUCTON, ALL IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN ACCESS ALONG THE FOOTPATH.

4. THE CONTRACTOR SHALL EFFECT TEMPORARY DRAINAGE MEASURES TO AVOID LOCALISED PONDING OF SURFACE RUN-OFF.

5. REFER TO ARCHITECT'S DRAWINGS FOR ALL DETAILS (LEVELS,

GRADING ETC.) OF DRIVEWAYS, CONCRETE AND PAVED AREAS,

AND RETAINING WALL TYPES AND LOCATIONS.

6. REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR DETAILS AND EXTENT OF ALL LANDSCAPED AREAS.

7. ALL SWD PIPES ARE UPVC AT 1.0% MINIMUM GRADE (UNO). 8. SWD PITS CAN BE PRE-CAST SIZED AS FOLLOWS: 450mm SQ. UP TO 600mm DEEP

600mm SQ. UP TO 1000mm DEEP

9. ALL PITS LOCATED IN TRAFFICABLE AREAS, (IE, DRIVEWAYS)
TO HAVE MEDIUM DUTY GRATED COVERS SUITABLE FOR
WITHSTANDING LOADS ASSOCIATED WITH SMALL TRUCKS.

10. PROVIDE STEP IRONS TO ALL PITS GREATER THAN 1.2m DEEP

11. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND
SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF

WORKS.

12. TOPSOIL SHALL BE STRIPPED DN STOCKPILED OUTSIDE
HAZARD AREAS SUCH AS DRAINAGE LINES. THIS TOPSOIL IS TO
BE RESPREAD LATER ON AREAS TO BE REVEGETATED.

13. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT
AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT
FROM SUCH DEVICES. ALL SILT REMOVED SHALL BE DISPOSED OF
AS DIRECTED BY THE SUPERINTENDENT. THE PERIOD FOR
MAINTAINING THESE DEVICES SHALL BE AT LEAST UNTIL ALL
DISTURBED AREAS ARE REVEGETATED AND FURTHER AS MAY BE
DIRECTED BY THE SUPERINTENDENT OR COUNCIL.

14. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL UNTIL
FINAL COMPLETION OF WORKS.

DANGER

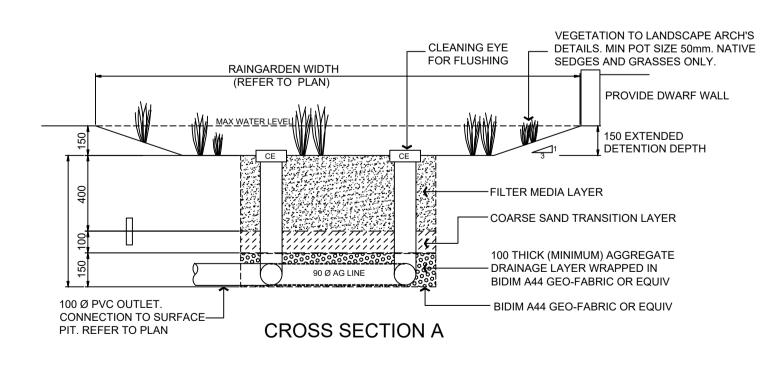
WHEN EXCAVATING WITHIN ANY
SITE, FOOTPATH AND ROADWAY,
ALL SERVICES SHALL BE LOCATED
PRIOR TO COMMENCEMENT OF
THE EXCAVATION WORKS.

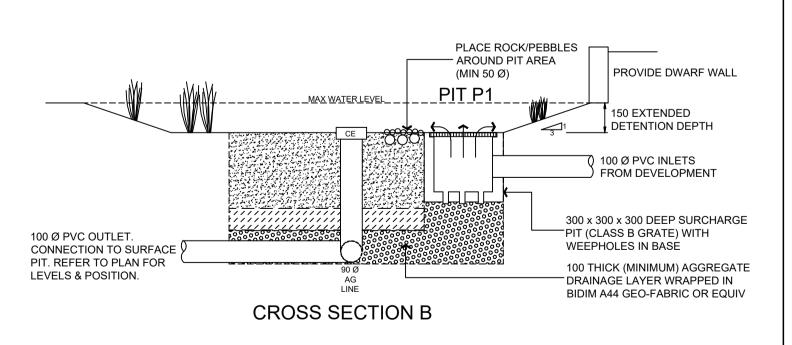
CONTACT "DIAL BEFORE YOU DIG"

ON PHONE No. 1100 OR GO TO THE

WEB SITE

"www.dialbeforeyoudig.com.au"





RAIN GARDEN DETAILS



NOTE:

pressure

pump

ANY PUMP INSTALLED

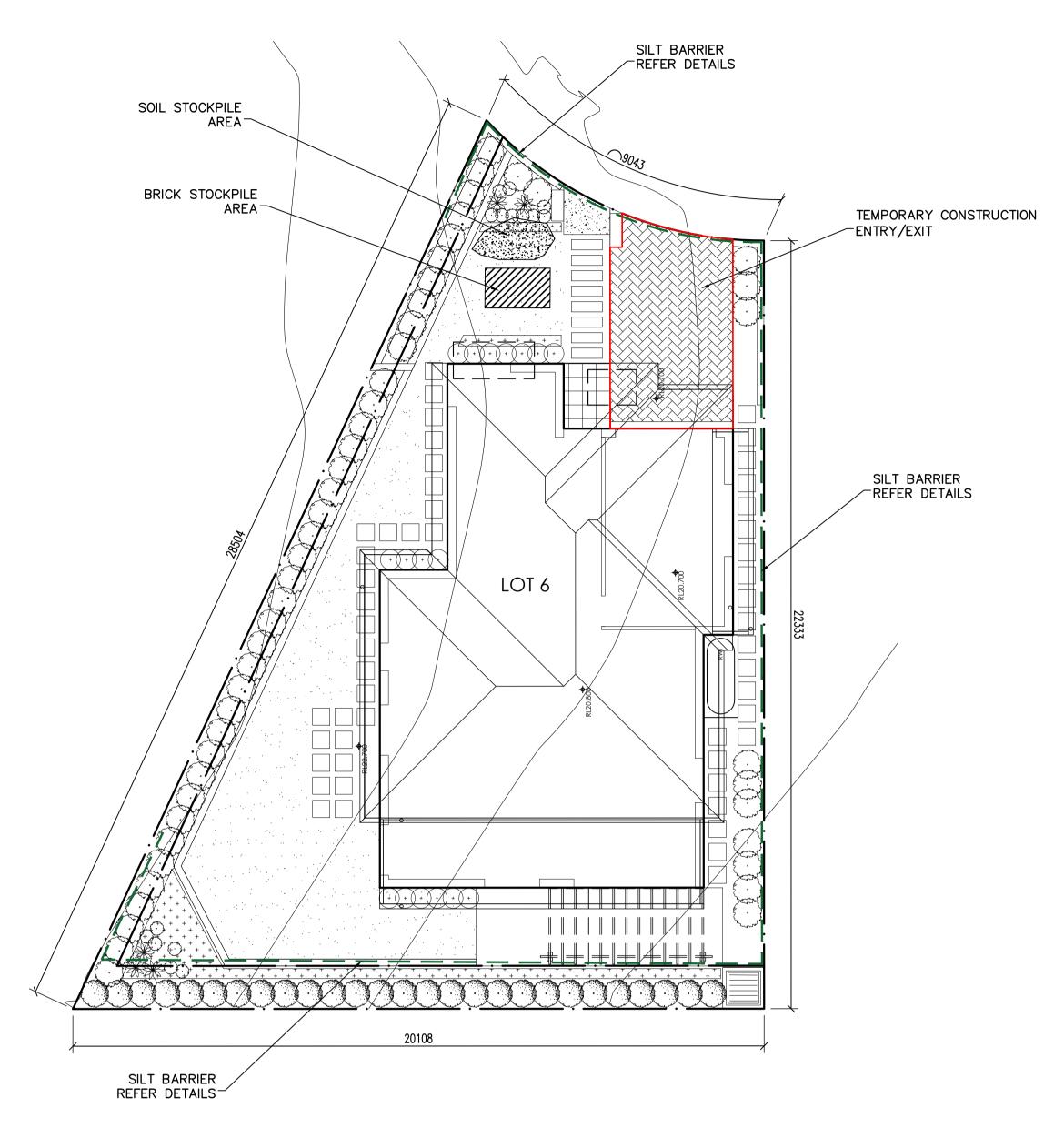
FOR THE RAINWATER

TANKS IS TO BE NO

LOUDER THAN 5dB(A)

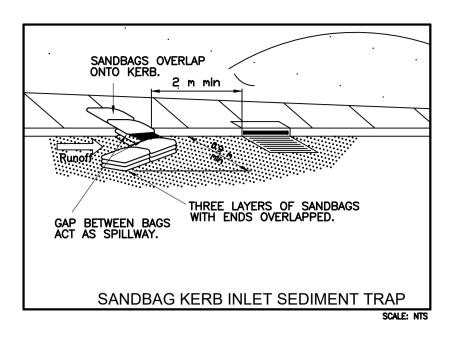
ABOVE BACKGROUND

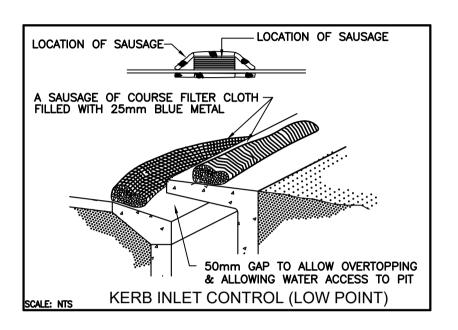
NOISE LEVELS

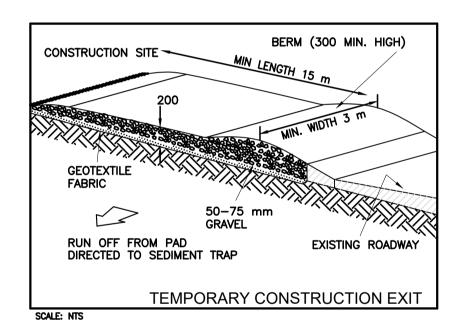


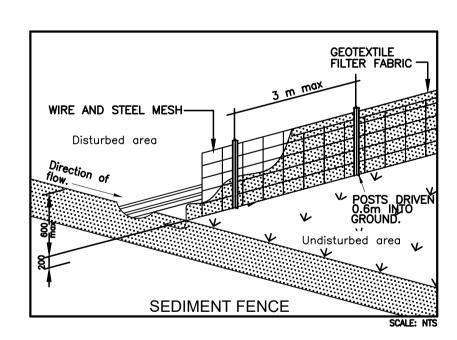










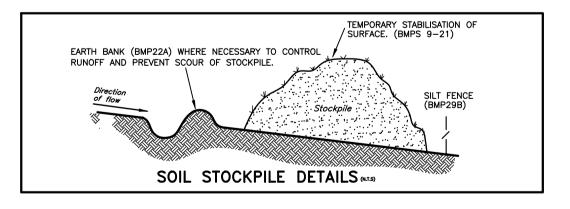


SOIL EROSION CONTROL INSTRUCTIONS

- EARTH BATTERS WILL BE CONSTRUCTED WITH AS LOW AS A GRADIENT AS PRACTICABLE BUT NO STEEPER, UNLESS OTHERWISE NTOED, THAN: -2(H):1(V) WHERE SLOPE LENGTH LESS THAN 12 METRES -2.5(H):1(V) WHERE SLOPE LENGTH BETWEEN 12 & 16 METRES -3(H):1(V) WHERE SLOPE LENGTH BETWEEN 16 & 20 METRES -4(H):1(V) WHERE SLOPE LENGTH GREATER THAN 20 METRES
- ALL WATERWAYS, DRAINS, SPILLWAYS AND THEIR OUTLETS WILL BE CONSTRUCTED TO BE STABLE IN AT LEAST THE 1:20 YEAR ARI, TIME OF CONCENTRATION STORM EVENT.
- WATERWAYS AND OTHER AREAS SUBJECT TO CONCENTRATED FLOWS AFTER CONSTRUCTION ARE TO HAVE A MAXIMUM GROUNDCOVER C-FACTOR OF 0.05 (70% GROUND COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OFFORMATION. FLOW VELOCITIES ARE TO BE LIMITED TO THOSE SHOWN INTABLE 5-1 OF "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION DEPT OF HOUSING 1998 (BLUE BOOK). FOOT
- AND VEHICULAR TRAFFIC WILL BE PROHIBITED IN THESE AREAS. STOCKPILES AFTER CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND COVER C-FATOR OF 0.1 (60% GROUND COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OF FORMATION.
- ALL LANDS, INCLUDING WATERWAYS AND STOCKPILES, DURING CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND COVER C-FACTOR OF 0.15 (50% GROUND COVER) WITHIN 20 WORKING DAYS FROM INACTIVITY EVEN THOUGH WORKS MAY CONTINUE
- FOR AREAS OF SHEET FLOW USE THE FOLLOWING GROUND COVER PLANT SPECIES FOR TEMPORARY COVER: JAPANESE MILLET 20KG/HA AND OATS.
- PERMANENT REHABILITATION OF LANDS AFTER CONSTRUCTION WILL ACHIEVE A GROUND COVER C-FACTOR OF LESS THAN 0.1 AND LESS THAN 0.05 WITHIN 60 DAYS. NEWLY PLANTED LANDS WILL BE WATERED REGULARLY UNTIL AN EFFECTIVE COVER IS ESTABLISHED AND PLANTS ARE GROWING VIGOROUSLY FOLLOW-UP SEED AND FERTILISER WILL BE APPLIED AS
- REVEGATATION SHOULD BE AIMED AT RE-ESTABLISHING NATURAL SPECIES. NATURAL SURFACE SOILS SHOULD BE REPLACED AND NON-PERSISTANT ANNUAL COVER SROPS SHOULS BE USED.

DUST CONTROL INSTRUCTIONS

- ALL STOCKPILED MATERIAL OR SEDIMENT COLLECTION TO BE SPRAYED BY LIGHTLY WIDE ANGLED WATER
- THIS TEMPORARY MECHANICAL METHOD CONFINES AND SETTLES THE DUST FROM THE AIR BY DUST AND WATER PARTICLE ADHESION. WATER IS SPRAYED THROUGH NOZZELS OVER THE PROBLEM AREA.



В	ISSUED FOR DA APPROVAL	06/12/2021				
Α	PRELIMINARY DESIGN	21/09/2021				
REVISION	AMENDMENT	ISSUE DATE	ISSUE	ISSUED TO	ISSUE DATE	



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PROPOSED DEVELOPMENT LOT 6, 10 FERN CREEK ROAD, WORRIEWOOD, NSW

SKYCORP

SOIL MANAGEMENT PLAN

CLIENT SKYCORP	SCALES A1 - 1:100	DESIGNED A.C.	DRAFTED M.W.
ARCHITECT / PROJECT MANAGER	DRAWING NO.	APPROVED	REVISION
KAE CHAN	C21187 -SWO2	A.C.	В