CONNECTION TO KERB NOTES

CONVERT 150mm-DIA PIPE WITHIN PROPERTY, TO A 200 x 100 x 6 RHS (GALVANISED) ACROSS THE FOOTPATH. A JUNCTION PIT 300 x 300 OR 450 x 450 SHALL BE CONSTRUCTED WITHIN THE PROPERTY. CONNECTION TO THE KERB ACROSS THE FOOTPATH IS TO BE MAXIMUM OF 45 DEGREES FROM THE KERB TO THE PROPERTY LINE.

LOCATION OF PIER AND FOOTINGS NEAR EASEMENTS

N.T.S.

CONSTRUCTION NOT PERMITTED IN THIS ZONE

ACCEPTABLE LOCATIONS OF FOOTINGS

ZONE WITHIN WHICH FOOTINGS OR LOAD BEARING STRUCTURES NOT PERMITTED

PIER TO BE LOCATED OUTSIDE THE ZONE OF INFLUENCE AS SHOWN

SERVICE CONDUIT E.G. STORMWATER PIPE

WIDTH OF EASEMENT

200mm x 100mm x 6mm THICK RHS (GALV)

50 COVER

CONNECTING TO KERB DETAIL

N.T.S.

FOUNDATIONS NEAR EASEMENT NOTES

1. FOOTINGS REFERS TO ALL LOAD BEARING STRUCTURES FOR BUILDINGS, WALLS, THE UNDERSIDE OF POOLS, FLOOR SLABS AND OTHER STRUCTURES, SUBJECT TO COUNCIL'S APPROVAL.

2. FILLING OR EXCAVATING THE NATURAL SURFACE WITHIN THE EASEMENT BOUNDARIES, IS NOT PERMITTED.

3. PRIOR TO ANY WORK, EXCAVATION, OR FILLING NEAR THE EASEMENT, THE EDGE OF THE EASEMENT SHALL BE PEGGED AND THE PIPE WITHIN THE EASEMENT EXPOSED AT EACH END TO DETERMINE THE EXACT LOCATION OF THE PIPE.

4. WHERE THE FOOTINGS ARE TO BE FOUND ON ROCK, THE SOUNDNESS AND DEPTH OF THE ROCK SHALL BE DETERMINED BY EXCAVATION ADJACENT TO THE PIPE.

5. WHERE A PERMANENT EXCAVATION IS TO BE MADE WITHIN 2.0 METRES OF THE EASEMENT, TO A LEVEL BELOW THE OBVERT OF THE PIPE, PROVISION SHALL BE MADE FOR FUTURE SUPPORT OF THE PIPE, COLLECTION OF SEEPAGE WATER ALONG THE LINE OF THE PIPE TRENCH AND ACCESS FOR MAINTENANCE OR UPGRADE. COUNCIL WILL NOT ACCEPT LIABILITY FOR DAMAGE OR NUISANCE CAUSED BY SEEPAGE.
WHERE L EXCEEDS 3000, INTERMEDIATE ACCESS PITS REQUIRED

INSPECTION ACCESS
ACCESS OVER OUTLET

ROOF SLAB PLAN
N.T.S.

WHERE:
RL'A' = INVERT LEVEL OF OUTLET PIPE
RL'B' = CENTRE LINE LEVEL OF ORIFICE DIAMETER
RL'C' = TOP OF GRATE LEVEL
RL'D' = INVERT OF ORIFICE = INVERT OF TANK

600x600 MEDIUM DUTY GALVANISED STEEL GRATE HINGED TO FRAME. WELDLOK TYPE OR EQUIVALENT.

300 MIN WHERE REQUIRED FOR TOPSOIL AND TURF

PROVIDE STEP IRONS FOR TANK DEPTH 1'H' GREATER THAN 1200

0.5% ABSOLUTE MIN. FALL

PROVIDE SEEPAGE HOLES 20-DIA AT 150 SPACING ON 100 THICK GRANULAR BEDDING. WHERE FOUNDATION IS UNSUITABLE FOR ABSORPTION, PROVIDE SUBSOIL DRAIN CONNECTED TO NEAREST DOWNSTREAM PIT, PIPE, KERB OR OUTLET

ORIFICE PLATE, OUTLET PIPE. REFER DETAILS

W

SECTION B

GEOTEXTILE MEMBRANE OVER CONCRETE SLAB

MIN 500

'LYSAGHT' MAXIMESH RH3030 (HOT DIPPED GALVANISED) OR EQUIVALENT FRONT AND SIDE PANELS

LIFTING HANDLE

TRASH SCREEN DETAIL
N.T.S.

1. MAXIMESH SCREENS MUST BE PLACED SUCH THAT THE LONG AXIS OF THE OVAL SHAPED HOLES ARE ORIENTATED HORIZONTALLY WITH THE PORTRUDING LIP ANGLED UPWARDS AND FACING TOWARDS THE OUTLET.

2. THE SCREEN IS TO BE FORMED BY WELDING TWO TRIANGULAR MAXIMESH (OR EQUIVALENT) PANELS TO A RECTANGULAR FRONT MAXIMESH PANEL (OR EQUIVALENT).

TRASH SCREEN NOTES

600x600SUOMP 200DEEP

600 MAX

600 MAX

600 MAX
3mm THICK STAINLESS STEEL PLATE

D = DIA. OUTLET PIPE BEHIND ORIFICE

d = DIA. PIPE ORIFICE

ORIFICE PLATE NOTES
1. HOLE IN ORIFICE PLATE TO BE PRECISION CUT WITH SHARP EDGES TO THE SPECIFIED DIAMETER.
2. ORIFICE PLATE TO BE PLACED CENTRALLY OVER THE OUTLET PIPE.
3. PLATE TO BE MADE FROM STAINLESS STEEL. HOT DIPPED GALVANISED OR OTHERS NOT ACCEPTABLE.
4. OUTLET PIPE TO BE CAST INTO THE WALL OF THE PIT.
5. HOLE IN PLATE TO BE CENTRALLY PLACED.

EXPANSION FITTING

PIPE STUB ORIFICE DETAIL
N.T.S.

OUTLET PIPE BEHIND ORIFICE

EPOXY CEMENT OR WELD

SEAL BETWEEN ORIFICE AND PIT WALL WITH SILICON TO PROVIDE WATERPROOF JOIN

OUTLET PIPE

ORIFICE PLATE CENTRED OVER OUTLET

WELDLOK GRATE 600x800 GALV.
HINGED TO FRAME OR SIMILAR

PLAN OF CONTROL PIT
N.T.S.

TRASH SCREEN WITH HANDLE. REFER DETAIL

TYPICAL ORIFICE PLATE FIXED OVER OUTLET

WEEP HOLES 30-DIA MIN. NO. 6
AT BASE OF SUMP. BEDDING ON 200 BLUE METAL FILL UNDER PIT PROVIDE SUBSOIL DRAINAGE LINE CONNECT TO NEAREST DOWNSTREAM PIT, PIPE, OR OUTLET TO KERB.

SECTION THROUGH CONTROL PIT
N.T.S.

100

40

150

40

900

900

150

200

150

VARIABLE
TRASH SCREEN WITH LIFTING HANDLE, LYSAGHTS MAXI-MESH OR EQUIVALENT

GROUND LEVEL

INLET PIPES

CONCRETE PIT (BOTH ENDS)

GEOTEXTILE FILTER FABRIC

BACKFILL WITH TOPSOIL

PERMANENT LAYER OF GEOTEXTILE FABRIC BIDIM A24 OR EQUIVALENT

LENGTH AS REQUIRED

ABSORPTION TRENCH LONGITUDINAL DETAIL

N.T.S.

600 x 600

455

200

400/M+N

200

EVERGLAS SQUARELINE 410 JUMBO PLASTIC TRENCH OR SIMILAR

GROUND LEVEL

BIDIM A24 GEOTEXTILE FABRIC OR EQUIVALENT

600

20mm CRUSHED AGGREGATE WRAPPED IN GEOTEXTILE FABRIC

SECTION C

N.T.S.

SEALED PIT COVER (BOTH ENDS) LIDS MUST BE REMOVEABLE FOR INSPECTIONS AND MAINTENANCE

200 DEEP SILT TRAP (BOTH ENDS)

50-DIA x 6 SEEPAKE OUTLETS (BOTH ENDS) ONTO GRAVEL BASE 100 THICK

ABSORPTION TRENCH NOTES

1. MINIMUM TRENCH LENGTH:
   1metre RUN OF TRENCH FOR EVERY 15sqm OF AREA DRAINING TO IT.

2. ABSORPTION SYSTEM MUST BE MINIMUM OF 5metres AWAY FROM DOWNSLOPE BOUNDARIES.

3. TRENCHES MUST RUN PARALLEL WITH CONTOUR LINE.

4. USE ONLY FOR SITES WITH 35% OR LESS IMP. AREAS

CONTRACTOR: MANLY COUNCIL

ON-SITE ABSORPTION TRENCH DETAIL

FOR SITE AREAS WITH LESS THAN 35% IMPERVIOUS

FILE No: 40273 910

REV. 4 of 10

PLAN No: 

STANDARD DETAILS

RECOMMENDED

MANLY COUNCIL

5/12

PLANNING + STRATEGY GROUP

SURVEYOR: N.A. ****

DESIGNER: N.A. 06/02

CHECKED: 06/02

DRAWN: N.A. 06/02

duk

4/4

CIVIL ENG

06/02

DRAWN: N.A.

REV.

TO APPLY IF APPLICABLE

DATE

N.S.

N.S.

N.S.
Legend

- Zone 1
- Zone 2
- Zone 3
- Zone 4

Stormwater Control Zones

Map D

Scale 1:20 000 Datum of Australia (GDA)

Maps updated and printed by Planning, Design & Environment Group, Marley Council 2001

Copyright © Marley Council, The information on this document is current as at the date of printing. In consideration of purchasing or using this document, the purchaser/user agrees to indemnify Marley Council against any loss, expense or damage arising from its use. While all care is taken to ensure a high degree of accuracy, users are invited to notify us of any map discrepancies. No part of this document may be reproduced without written permission from the General Manager, Marley Council, PO Box 86 Marley NSW. Printed by the Planning Design & Environment Group.