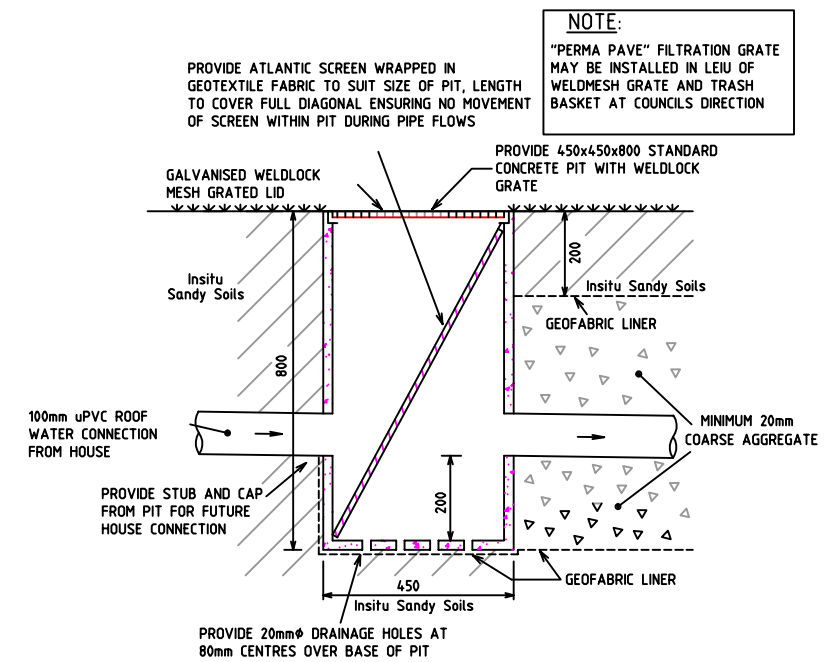
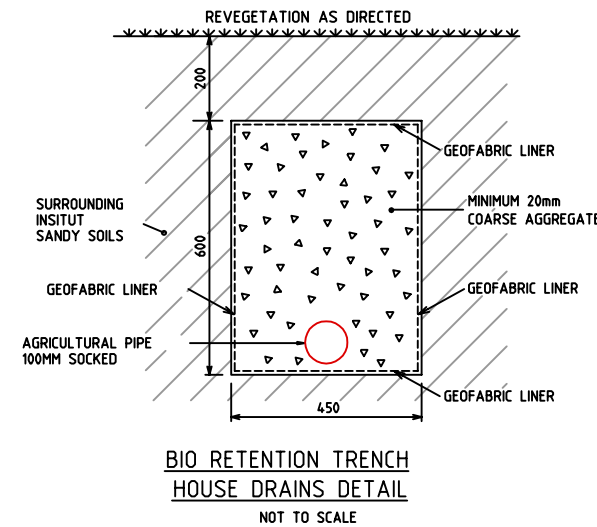
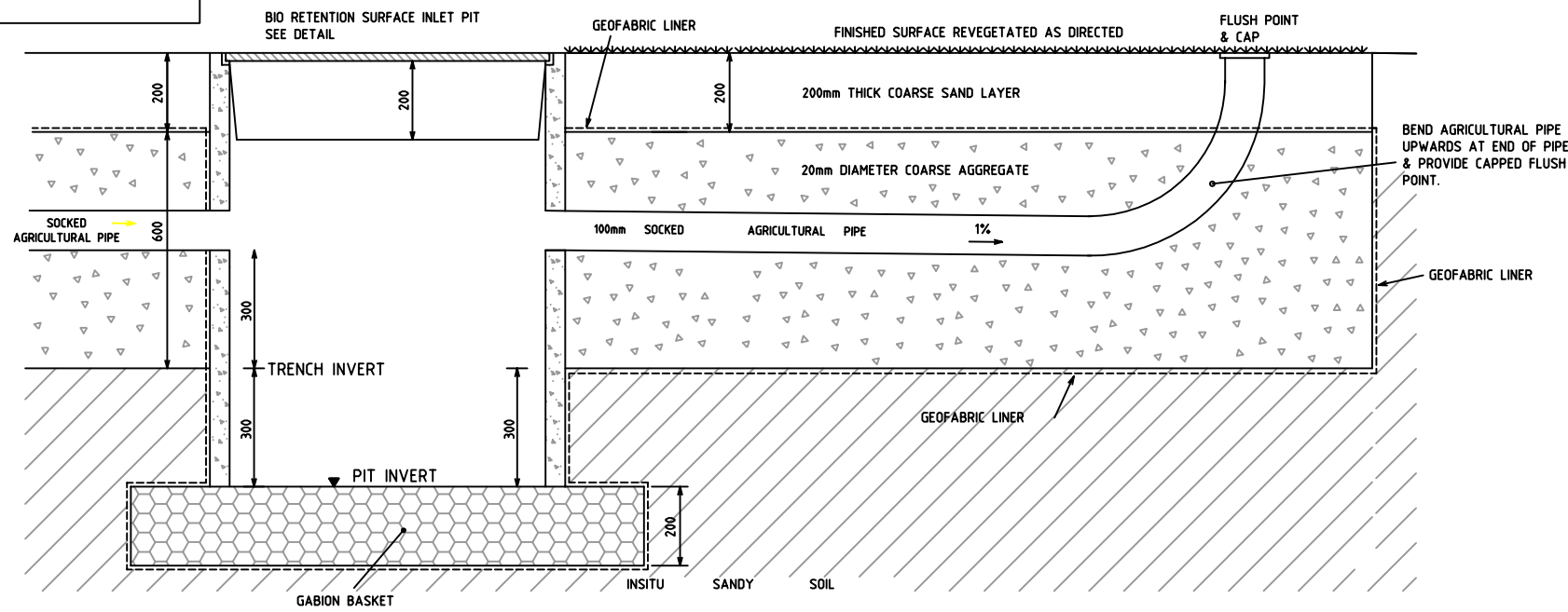
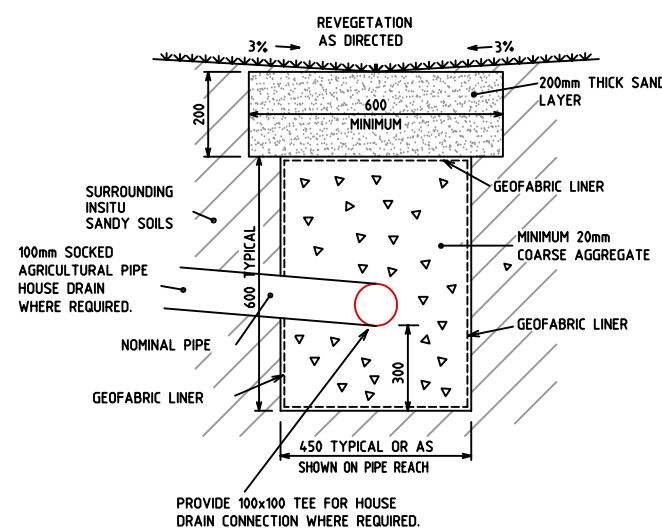


NOTE:

"PERMA PAVE" FILTRATION GRATE
MAY BE INSTALLED IN LIEU OF
WELDMESH GRATE AND TRASH
BASKET AT COUNCIL'S DIRECTION



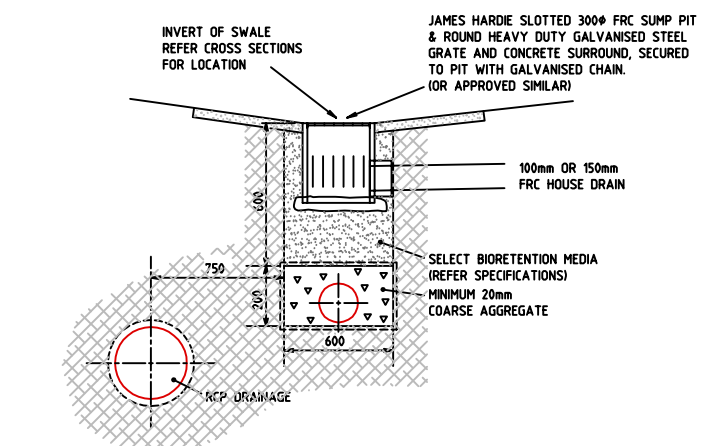
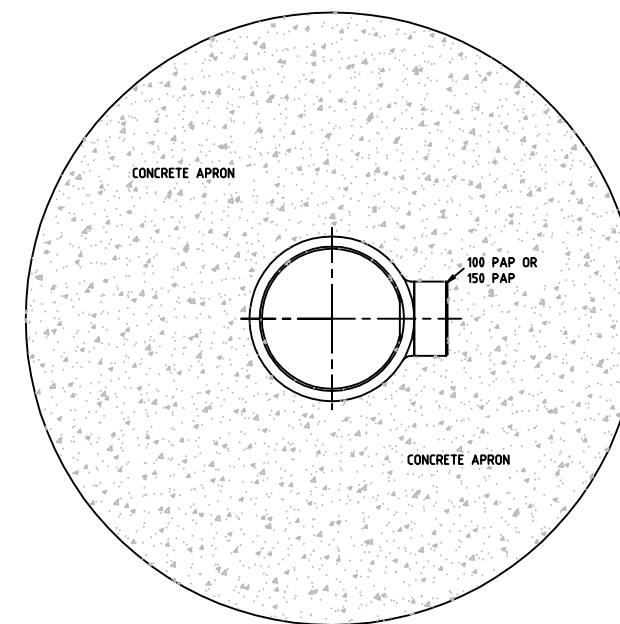
HOUSE DRAINAGE PIT DETAIL
NOT TO SCALE



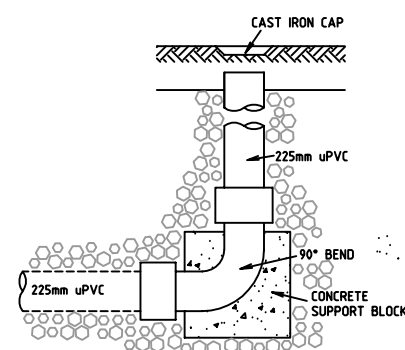
BIO RETENTION SWALE AND TRENCH
NOT TO SCALE

NOTES:

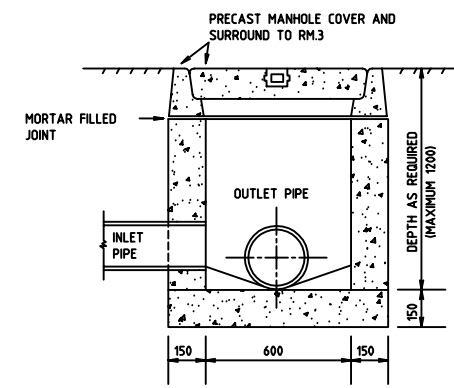
1. PITS CONSTRUCTED IN CRESTS TO BE USED FOR FLUSHING
100mm SOCKED AGRICULTURAL PIPE, 100mm AGRICULTURAL
PIPE TO BE CLEARLY ACCESSIBLE.
2. OUTLET OF BIO RETENTION SURFACE PITS TO BE ABLE TO
TAKE 100mm SOCKED AGRICULTURAL PIPE OUTLET OR 375mm
RCRJJ CONCRETE PIPE.
3. DRAINAGE INSTALLATION AS DIRECTED AND SPECIFICATION TO
BE WITH 'STORMWATER MANAGEMENT AT THE PROPOSED
STOCKTON BEACH DEVELOPMENT STAGE 2' BY URBAN WATER
CYCLE SOLUTIONS, JANUARY, 2005.



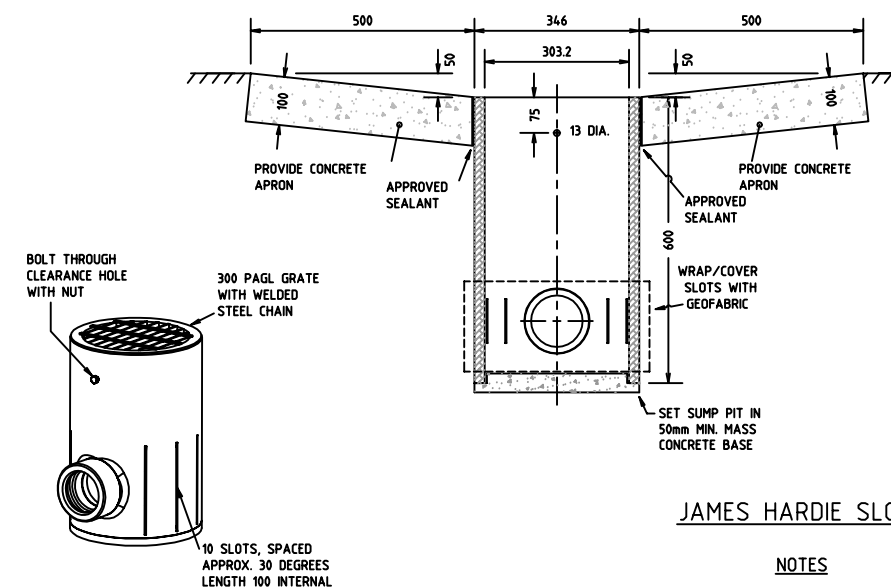
TYPICAL ARRANGEMENT
300mm FRC SUMP PIT BIORETENTION SWALE
AND STORMWATER DRAINAGE LINE
NOT TO SCALE



TYPICAL SLOTTED PIPE
& FLUSHING POINT
N.T.S.



JUNCTION PIT RM8
NOT TO SCALE



JAMES HARDIE SLOTTED FRC SUMP PIT
NOT TO SCALE

NOTES:

1. COMPRESSIVE STRENGTH OF CONCRETE
F_c AT 28 DAYS TO BE 20 MPa.

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USED ONLY BY THE CLIENT OF **NORTH POINT SURVEYS
(NSW) P/L** FOR THE PROJECT FOR WHICH IT WAS PROVIDED.

SCALE
1: 1000
REVISION DATE
27/10/2015
PLOT DATE
27/10/2015
DA NUMBER

DATUM
AHD
CONTOURS
X m
DRAWN/CHKD BY
IMc / AED
CC NUMBER

DRAWING TITLE
TYPICAL DRAINAGE TREATMENTS DETAIL 2 REV-J
DEVELOPMENT
PROJECT PLAN J
FERN BAY SEASIDE VILLAGE
NELSON BAY ROAD, FERN BAY
CLIENT
RAWSON COMMUNITIES PTY LIMITED

NORTH POINT SURVEYS (NSW) PTY LTD
ATF NORTH POINT SURVEYS TRUST AEN 52 041 968 075
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