

**STORMWATER DA
DRAWING ONLY**

- NOT FOR CONSTRUCTION
- FINAL LOCATION OF ALL DOWNPIPES, PITS, RAINWATER OUTLETS AND SUBSOIL PIPES TO BE CONFIRMED DURING CONSTRUCTION CERTIFICATE STAGE OF THE PROPOSED DEVELOPMENT

LANDSCAPING DRAINAGE

ALL LANDSCAPED AREAS LOCATED ABOVE CONCRETE SLABS TO BE EQUIPPED WITH WATERPROOFING MEMBRANE, DRAINAGE CELL AND GEOFABRIC

**FLOOD STUDY REPORT /
ON SITE DETENTION**

ACCORDING TO FLOOD REPORT PREPARED BY CPM ENGINEERING; ON SITE DETENTION IS NOT REQUIRED / RECOMMENDED FOR THE SUBJECT PROPERTY

FLOOD STUDY REPORT IN PART

7. ON SITE DETENTION

The site is identified as being subject to the general On Site Detention Controls contained in council's DCP21, Part B5.7. The policy does allow for an Independently Derived OSD Assessment. We have undertaken this assessment on the following basis:

- > The site faces the receiving water body, any On Site Detention would have very little if any positive impact to the catchment.
- > The site is at the bottom of its catchment, and similarly - any On Site Detention would have very little if any positive impact in reducing catchment runoff.
- > Between the site and the receiving water body, there are 5 inlet stormwater pits with no potential impact on private property.

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13040001.doc

- NOTES**
FOR GENERAL NOTES AND LEGEND REFER TO DRAWING H - DA - 00
- RAINWATER COLLECTION TANKS LOCATED BELOW (ACCESSIBLE FROM THE CELLAR LEVEL) COMPLETE WITH:
 - 150mm DIA HIGH LEVEL OVERFLOW PIPE
 - FIRST FLUSH SYSTEM
 - INLET SCREEN
 - ACCESS LIDS
 - LOW LEVEL 150mm DIA CONNECTION PIPE
 - SLUDGE VALVES
 - SWITCH OVER SYSTEM
 - RE - USE PUMP AND CONTROLS
 - BACKWASH FILTER
 MIN. TOTAL CAPACITY: AS PER THE BASIX REPORT!

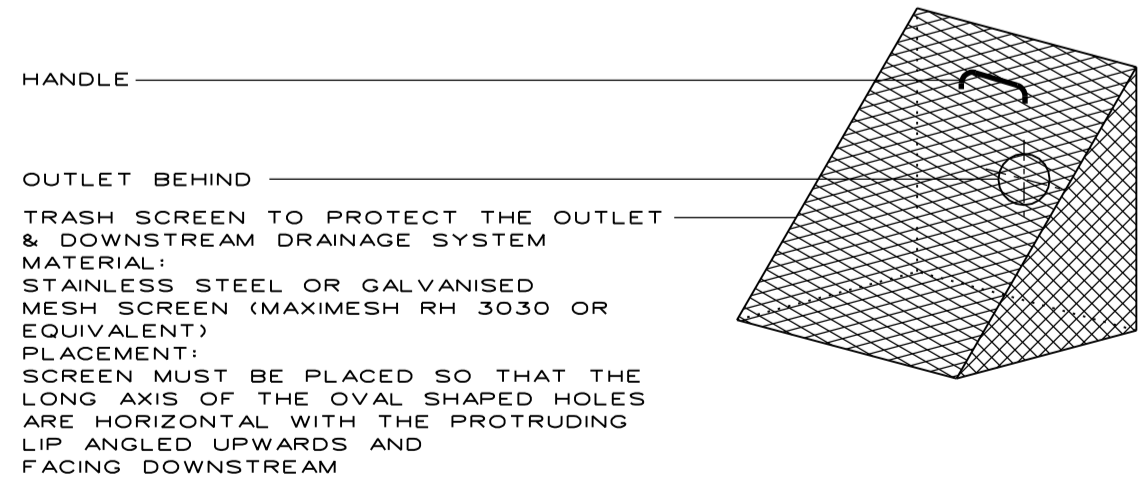
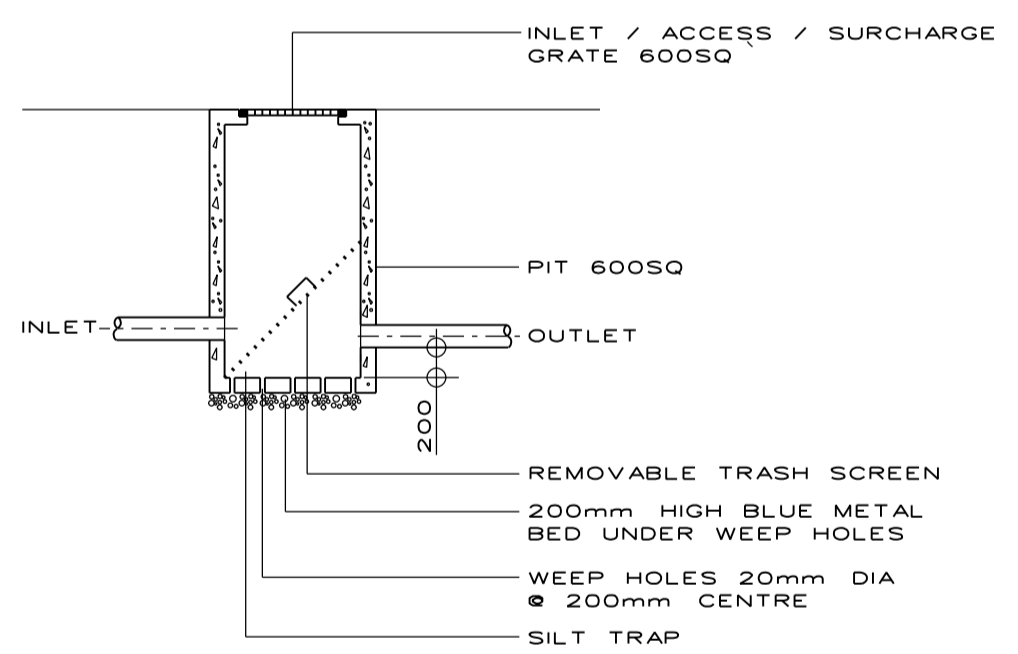
BARRENJOEY ROAD

2
DP 1004105

11
DP 1207743

101

102



**DETAIL 1:
SILT ARRESTOR PIT
& TRASH SCREEN**

NTS

APPROX. LOCATION OF EXISTING DISCHARGE PIPE TO BARRENJOEY ROAD

APPROX. LOCATION OF EXISTING PIT GRATE RL 22.030 ALL INFORMATION AS SHOWN ON THE SURVEY DRAWING

LOCATE AND CONNECT TO EXISTING STORMWATER PIT

600SQ SILT ARRESTOR PIT COMPLETE WITH:
- TRASH SCREEN
- SILT TRAP (REFER TO DETAIL 1)

TRENCH DRAIN 100mm W x 100mm D COMPLETE WITH CLASS 'C' GRATE

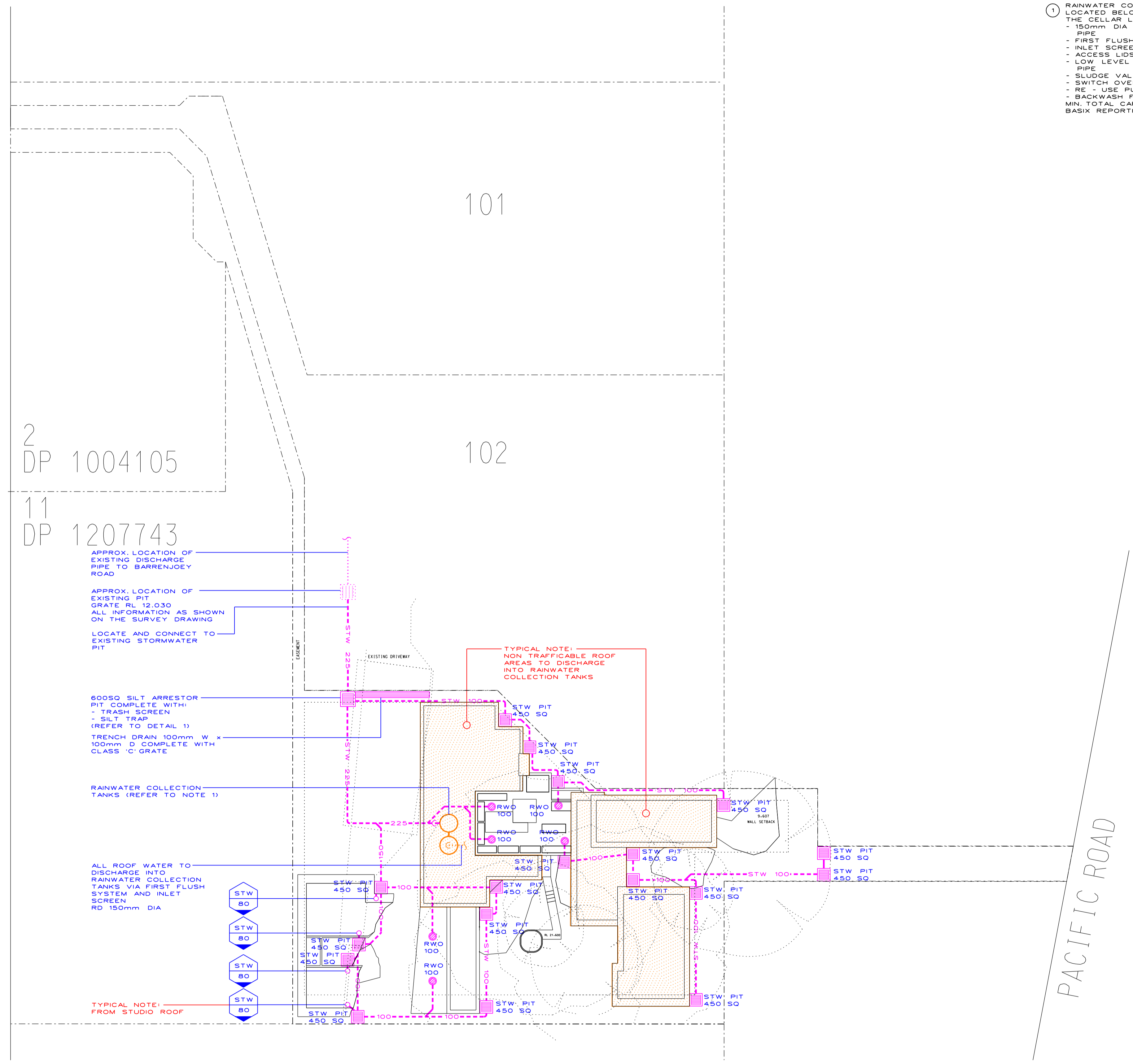
RAINWATER COLLECTION TANKS (REFER TO NOTE 1)

ALL ROOF WATER TO DISCHARGE INTO RAINWATER COLLECTION TANKS VIA FIRST FLUSH SYSTEM AND INLET SCREEN

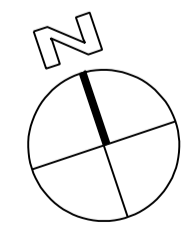
RD 150mm DIA

TYPICAL NOTE: FROM STUDIO ROOF

TYPICAL NOTE: NON TRAFFICABLE ROOF AREAS TO DISCHARGE INTO RAINWATER COLLECTION TANKS



APPROVAL



REV	DESCRIPTION	DATE
A	ISSUED FOR DA	21.12.20

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PROJECT
LOT 3 - 1110
BARRENJOEY
ROAD

PALM BEACH

DRAWING TITLE SITE STORMWATER DRAINAGE	
SCALE 1:200 @ A1 / 1:400 @ A3	JOB No 20/117
DISCIPLINE HYD	DRAWING No H-DA-01
	REVISION A

S T W D A D R A W I N G