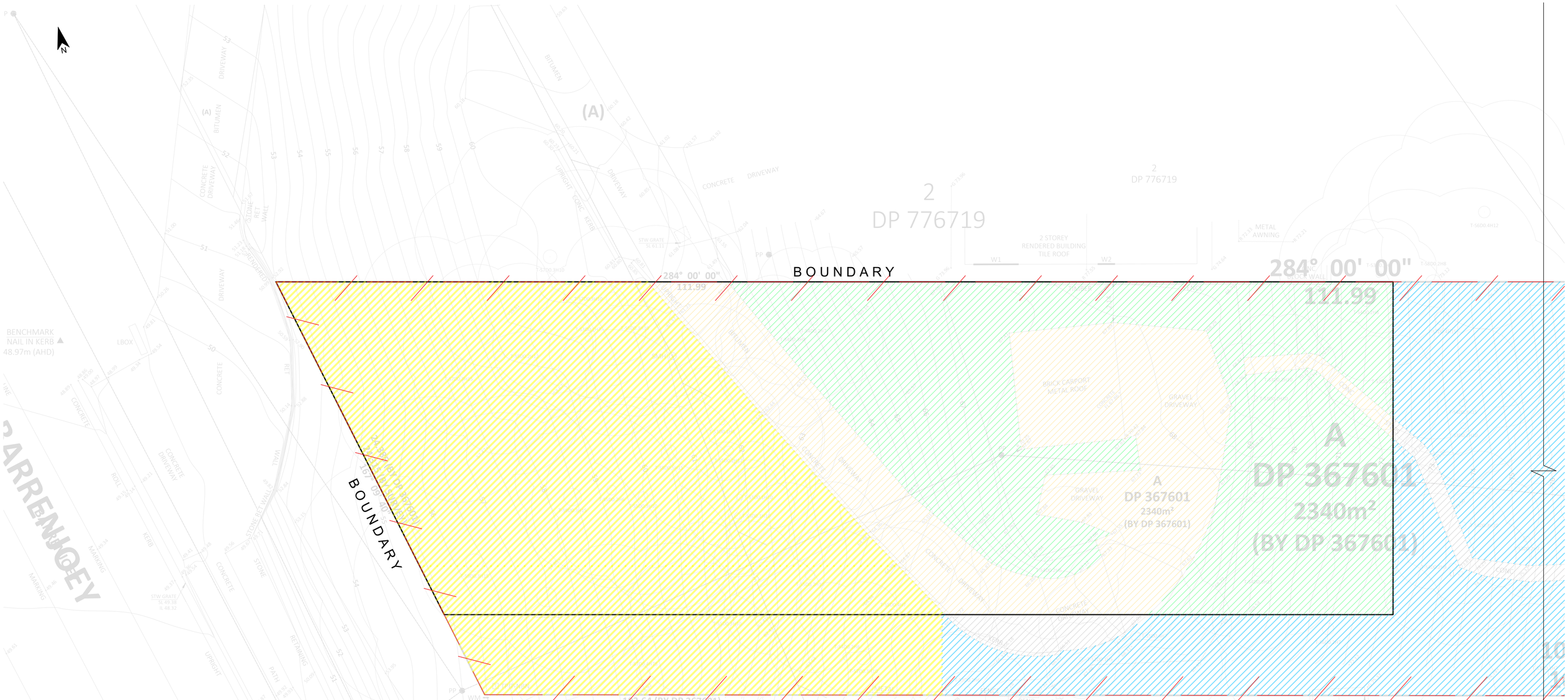


## PREDEVELOPMENT CATCHMENT PLAN (1 OF 2)

SCALE 1:100

LEGEND PROPOSED

- BOUNDARY LINE
- LOT 2 IMPERVIOUS AREA - 2q.262m²
- LOT 2 PERVIOUS AREA - 340.900m²
- LOT 1 IMPERVIOUS AREA - 50.871m²
- LOT 1 PERVIOUS AREA - 690.231m²
- LOT 1 EXISTING DRAINAGE - 539.065m²
- LOT 1 AND LOT 2 OMITTED AREA - 503.886m²

NOTES:

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL'S DCP, AS3500.3 STORMWATER DRAINAGE.
2. THE CONTRACTOR IS TO LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT, AND MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST IF NECESSARY. ANY DAMAGE TO EXISTING SERVICES SHALL BE RECTIFIED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORK WITHIN ADJOINING LANDS WITHOUT THE PERMISSION OF THE SUPERINTENDENT.
4. THE CONTRACTOR SHALL EFFECT TEMPORARY DRAINAGE MEASURES TO AVOID LOCALISED PONDING OF SURFACE RUN-OFF.
5. ALL NEW WORKS TO MAKE SMOOTH CONNECTION TO EXISTING CONDITIONS.
6. THE CONTRACTOR IS TO MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO ADJOINING PROPERTIES.
7. ALL DRAINAGE ELEMENTS ARE SHOWN DIAGRAMATICALLY BASED ON AVAILABLE DRAWINGS, TO BE INSTALLED WITH CONSIDERATION TO SITE CONSTRAINTS AND THE INTENT OF THE DRAINAGE CONCEPT.
8. ALL DOWNPIPES ARE SHOWN DIAGRAMATICALLY, POSITIONS ARE TO BE CONFIRMED ON SITE USING THE WORKING DRAWINGS.
9. THE CONTRACTOR IS TO LOCATE AND LEVEL ALL EXISTING DRAINAGE PITS AND PIPES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND THE CONSTRUCTION IS TO COMMENCE FROM THE DOWNSTREAM PIT AND STRUCTURES.
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16. CHARGED DOWNPIPE LINES ARE TO BE 100MM SEWER GRADE UPVC AND SEALED FROM 300MM BELOW THE TOP OF THE DOWNPIPE.

0 1 2 4 6
SCALE (m) 1:100

PREDEVELOPMENT CATCHMENT PLAN

A1, 1:100 SW01

N

BOUNDARY

284° 00' 00"

111.99

A
DP 367601
2340m²
(BY DP 367601)

BOUNDARY

103.64 (BY DP 367601)
103.675 (BY SURVEY)

104° 03' 10"

BOUNDARY

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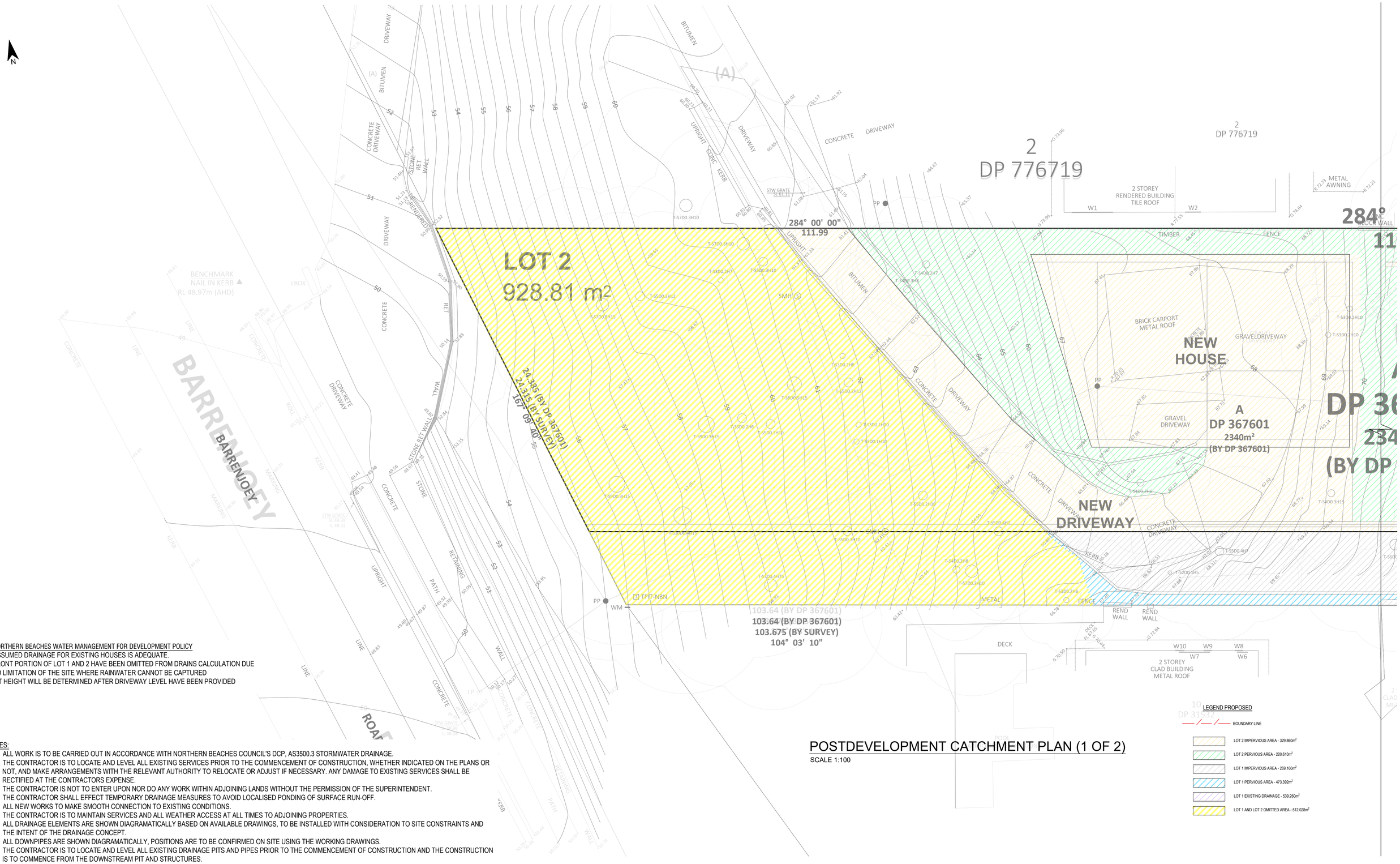
# PREDEVELOPMENT CATCHMENT PLAN (2 OF 2)

SCALE 1:100

0 1 2 4 6
SCALE (m) 1:100

PREDEVELOPMENT CATCHMENT PLAN

A1, 1:100 SW02




NORTHERN BEACHES WATER MANAGEMENT FOR DEVELOPMENT POLICY
ASSUMED DRAINAGE FOR EXISTING HOUSES IS ADEQUATE.
FRONT PORTION OF LOT 1 AND 2 HAVE BEEN OMITTED FROM DRAINS CALCULATION DUE TO LIMITATION OF THE SITE WHERE RAINWATER CANNOT BE CAPTURED
PIT HEIGHT WILL BE DETERMINED AFTER DRIVEWAY LEVEL HAVE BEEN PROVIDED

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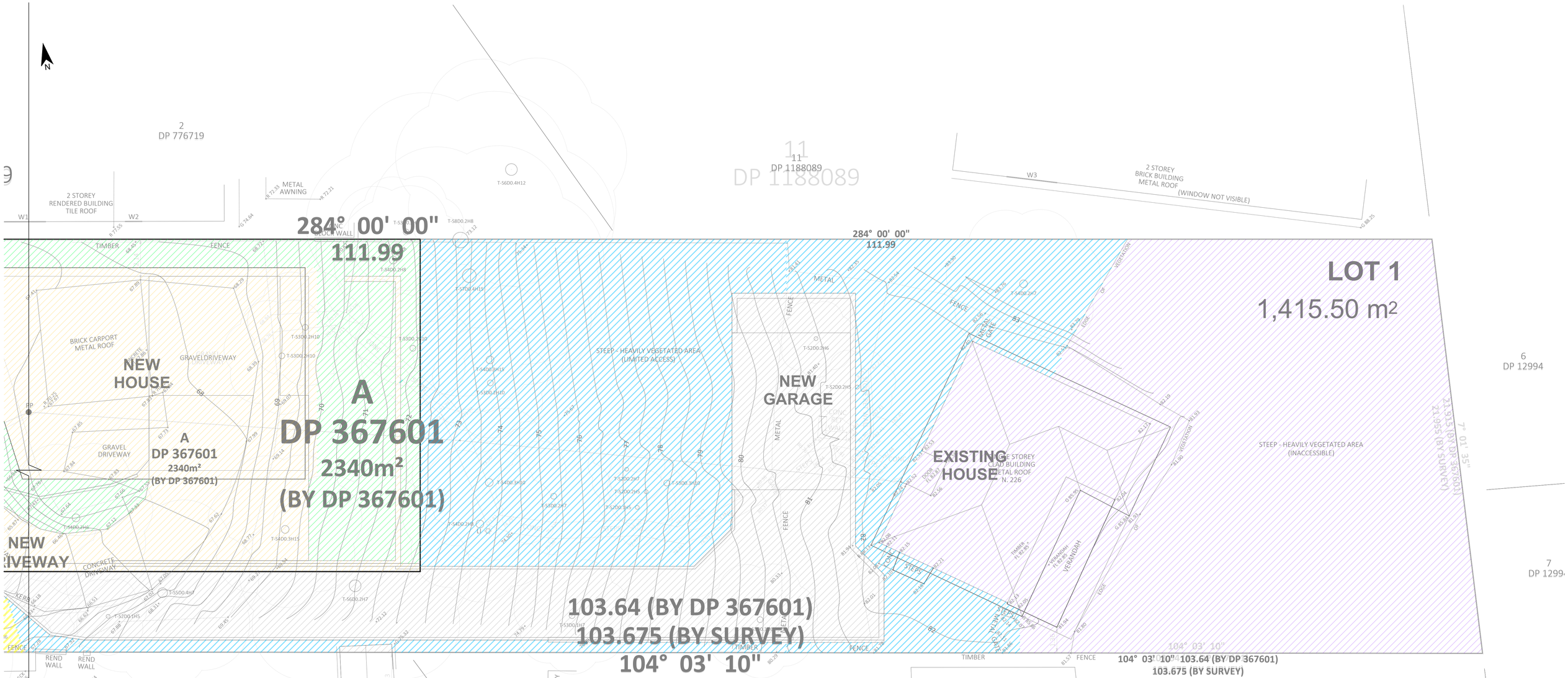
0 1 2 4 6
SCALE (m) 1:100

LEGEND PROPOSED
- BOUNDARY LINE
- LOT 2 IMPERVIOUS AREA - 329.860m²
- LOT 2 PERVIOUS AREA - 220.610m²
- LOT 1 IMPERVIOUS AREA - 269.160m²
- LOT 1 PERVIOUS AREA - 473.392m²
- LOT 1 EXISTING DRAINAGE - 539.260m²
- LOT 1 AND LOT 2 OMITTED AREA - 512.028m²

## POSTDEVELOPMENT CATCHMENT PLAN (1 OF 2)
SCALE 1:100

# POSTDEVELOPMENT CATCHMENT PLAN

A1, 1:100 SW03

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NORTHERN BEACHES WATER MANAGEMENT FOR DEVELOPMENT POLICY

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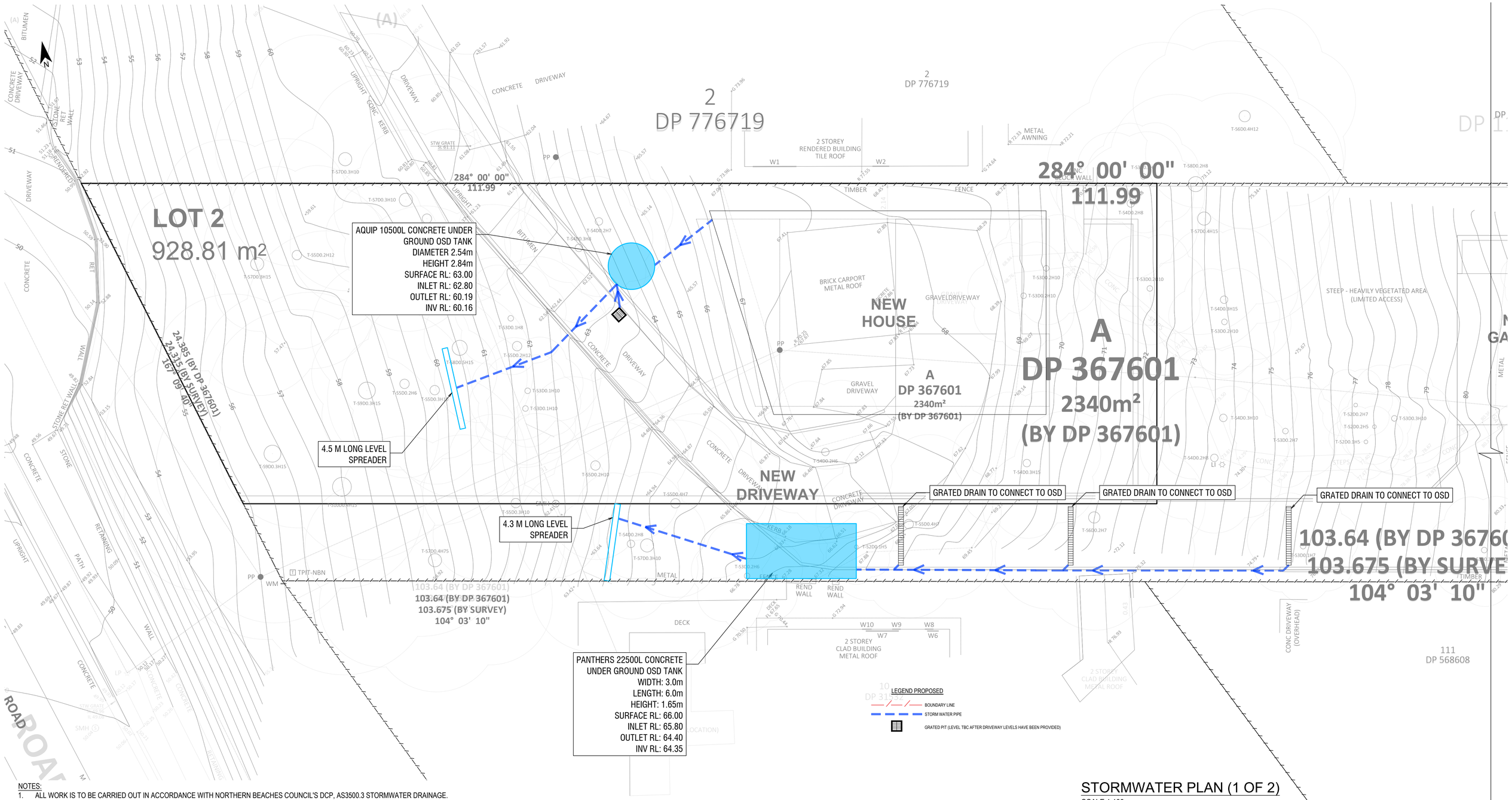
0 1 2 4 6
SCALE (m) 1:100

# POSTDEVELOPMENT CATCHMENT PLAN (2 OF 2)

SCALE 1:100

# POSTDEVELOPMENT CATCHMENT PLAN

A1, 1:100 SW04

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0 1 2 4 6
SCALE (m) 1:100

## STORMWATER PLAN (1 OF 2)

SCALE 1:100

## STORMWATER PLAN

A1, 1:100 SW05

NOTES:

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N

6719

11
DP 1188089

284° 00' 00"
111.99

LOT 1
1,415.50 m²

NEW HOUSE

A
DP 367601
2340m²
(BY DP 367601)

NEW GARAGE

EXISTING HOUSE

NEW DRIVEWAY

GRATED DRAIN TO CONNECT TO OSD

GRATED DRAIN TO CONNECT TO OSD

GRATED DRAIN TO CONNECT TO OSD

103.64 (BY DP 367601)
103.675 (BY SURVEY)
104° 03' 10"

EXISTING HOUSES DRAIN TO ADSORPTION TRENCH BEHIND THE HOUSES. CONTRACTOR TO CONFIRM DRAINAGE CONDITION DURING CONSTRUCTION. REPAIR AND DAMAGES FOUND

STEEP - HEAVILY VEGETATED AREA (LIMITED ACCESS)

STEEP - HEAVILY VEGETATED AREA (INACCESSIBLE)

2 STOREY BRICK BUILDING METAL ROOF (WINDOW NOT VISIBLE)

2 STOREY CLAD BUILDING METAL ROOF

POOL (APPROXIMATE LOCATION)

111
DP 568608

10
DP 31

LEGEND PROPOSED

BOUNDARY LINE

STORM WATER PIPE

GRATED PIT (LEVEL TBC AFTER DRIVEWAY LEVELS HAVE BEEN PROVIDED)

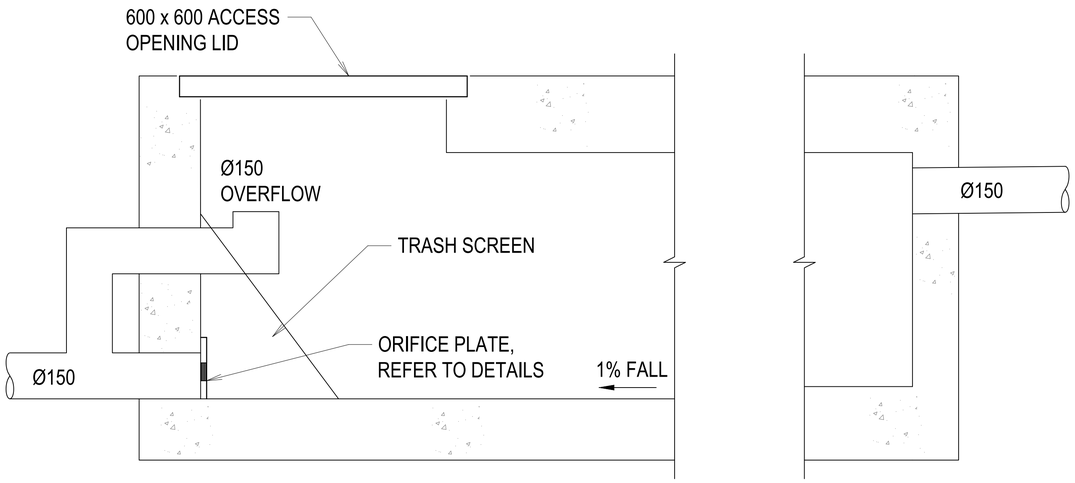
## STORMWATER PLAN (2 OF 2)

SCALE 1:100

0 1 2 4 6
SCALE (m) 1:100

## STORMWATER PLAN

A1, 1:100 SW06

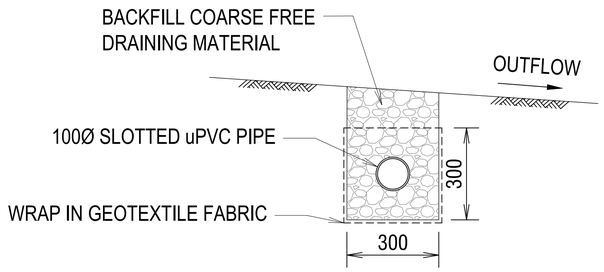



# ON-SITE DETENTION TANK SECTION

SCALE: NTS

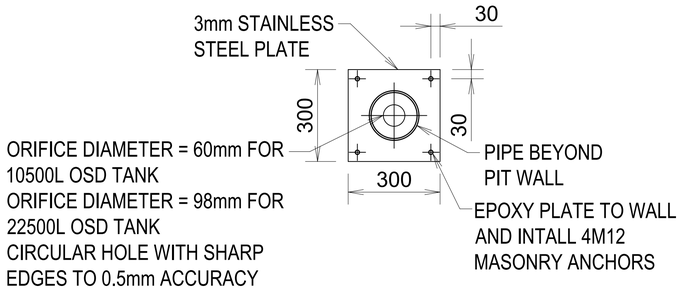
OSD TANK NOTES:

1. REFER TO SW05 AND SW06 FOR CRITICAL LEVELS
2. INSTALL TO MANUFACTURES INSTRUCTION



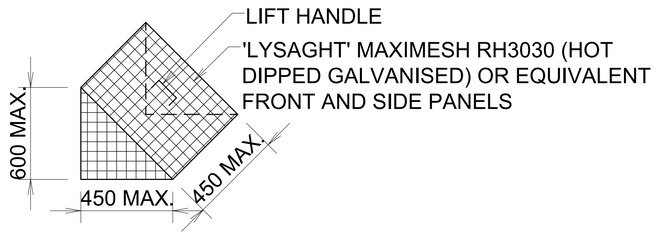

# DISPERSAL TRENCH

SCALE: NTS




# ORIFICE PLATE DETAIL

SCALE 1:10

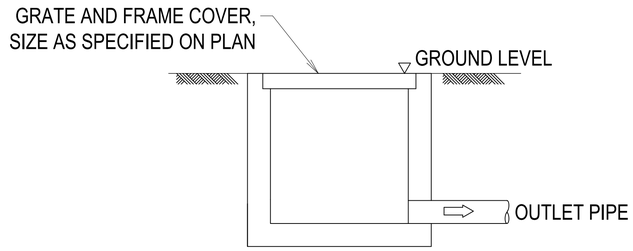



# TRASH SCREEN DETAIL

N.T.S.

TRASH SCREEN NOTES:

1. MAXIMESH SCREENS MUST BE PLACED SUCH THAT THE LONGAXIS 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).




# TYPICAL PIT

N.T.S.

STORMWATER DETAILS

A1, 1:20 SW07