

| AREA CALCULATIONS | | |
|----------------------------------|--------|----------------|
| TOTAL SITE AREA | 639.0 | m ² |
| EXISTING DEVELOPMENT | | |
| ROOF AREA | 131.8 | m ² |
| PAVED AREA | 79.1 | m ² |
| DRIVEWAY AREA | 19.0 | m ² |
| IMPERVIOUS AREA | 229.9 | m ² |
| TOTAL IMPERVIOUS AREA PERCENTAGE | 35.98% | |
| PROPOSED DEVELOPMENT | | |
| PROPOSED ROOF AREA | 265.0 | m ² |
| PROPOSED PAVED AREA | 0.0 | m ² |
| PROPOSED DRIVEWAY AREA | 48.6 | m ² |
| TOTAL IMPERVIOUS AREA | 313.6 | m ² |
| TOTAL IMPERVIOUS AREA PERCENTAGE | 49.08% | |

RAINWATER RE-USE TANK - RWT

(AS PER BASIX REQUIREMENTS)

SIZE: 3,000 LITRES (MIN)
(2100L x 800W x 2020H) OR SIMILAR

INSTALL TO MANUFACTURES SPECIFICATIONS, AS3500 AND COUNCIL REQUIREMENTS

- FOR RE-USE AS SPECIFIED BY BASIX CERTIFICATE
- ENSURE TOP OF TANK IS MIN 0.7m BELOW ROOF GUTTERS TO ENSURE SUFFICIENT HEAD FOR THE SYSTEM
- TANK TO BE INSTALLED BY LICENSED PLUMBER IN ACCORDANCE WITH AS/NZS 3500:2003 AND NSW CODE OF PRACTICE PLUMBING AND DRAINAGE 2006

OSD WARRANT

LGA: STRATHFIELD COUNCIL
 RELEVANT CODE: "STRATHFIELD COUNCIL STORMWATER MANAGEMENT CODE"
 RELEVANT SECTION: 4.3 "IN GENERAL, OSD WILL BE APPLIED TO ALL DEVELOPMENTS EXCEPT IN THE FOLLOWING SITUATIONS: THE PROPOSAL IS A SINGLE RESIDENTIAL DEVELOPMENT, GRAVITY DISPOSAL OF STORMWATER RUNOFF FROM THE SITE IS ACHIEVABLE AND THE SITE IMPERVIOUSNESS (EXISTING AND NEW ROOF AND PAVED AREAS) IS LESS THAN 65% OF THE SITE AREA."

- TOTAL POST DEVELOPMENT IMPERVIOUS AREA 313.6m² (49%)

THEREFORE: NO OSD REQUIRED

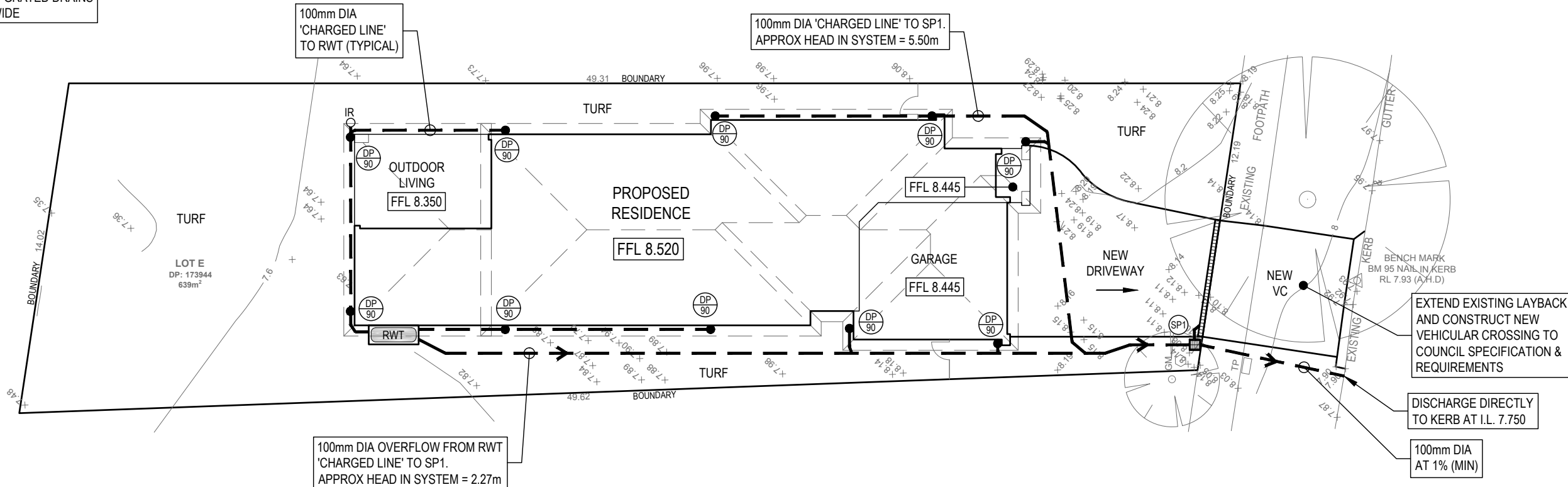
PIT SCHEDULE (U.N.O)

| PIT No. | PIT TYPE | PIT SIZE | SURFACE LEVEL | INVERT LEVEL |
|---------|--------------|-----------|---------------|--------------|
| SP1 | GRATED INLET | 450 x 450 | 8.10 | 7.85 |

INSPECTION RISER (IR)

PROVIDE 'SCREW CAP' INSPECTION RISER AT LOWEST POINT OF 'CHARGED LINES'

NOTE: ALL PROPOSED GRATED DRAINS TO BE 100mm WIDE



KESSELL AVENUE

EXTEND EXISTING LAYBACK AND CONSTRUCT NEW VEHICULAR CROSSING TO COUNCIL SPECIFICATION & REQUIREMENTS

DISCHARGE DIRECTLY TO KERB AT I.L. 7.750

100mm DIA AT 1% (MIN)



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DRAWING TITLE:
STORMWATER MANAGEMENT PLAN

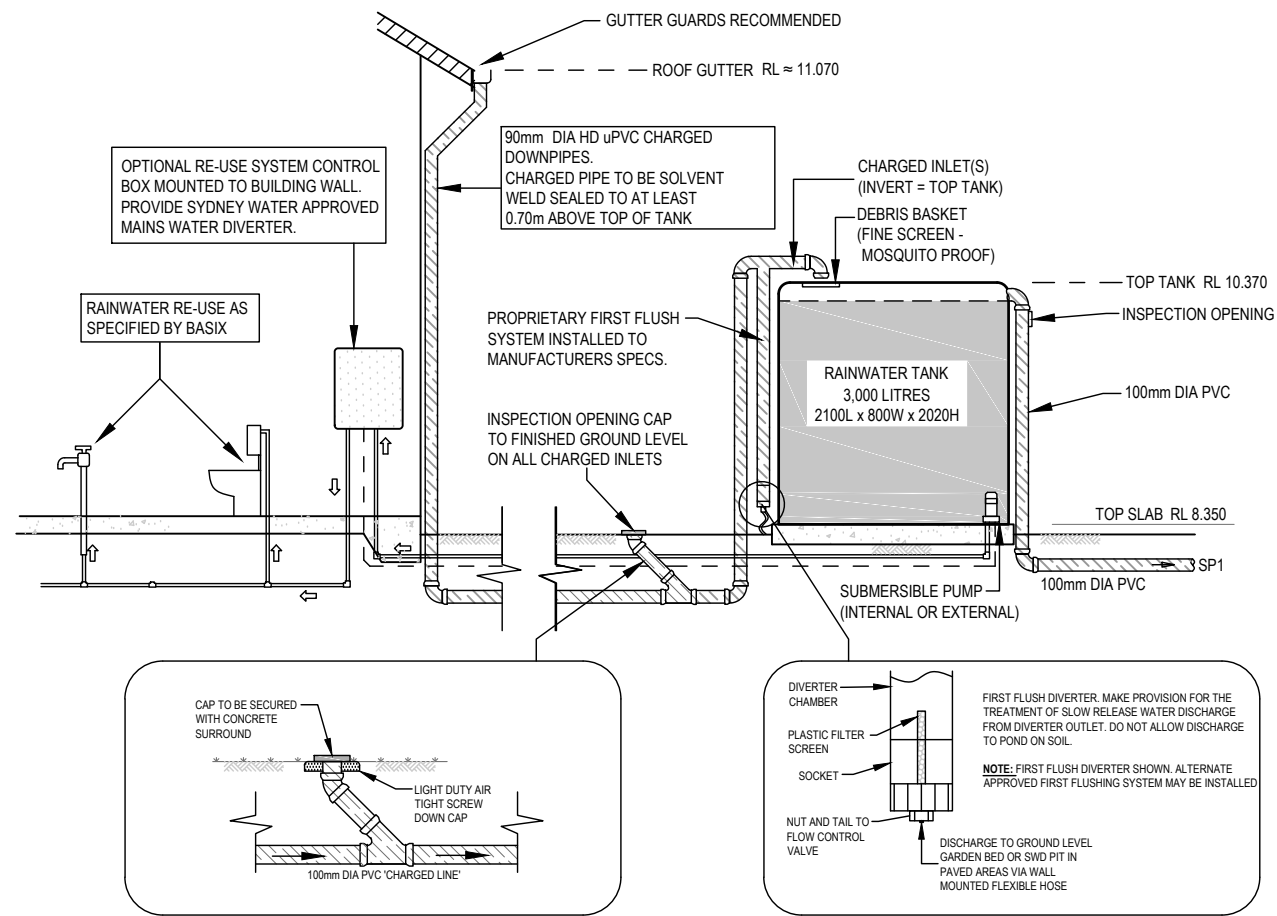
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| DRAWN | DATE | DESCRIPTION | ISSUE | FOR |
|---------|--------------------|---------------|-------|--|
| S.SINGH | 05.06.2017 | ISSUED FOR DA | A | CHAMPION HOMES SALES |
| | | | | SITE ADDRESS: LOT E, No. 4 KESSELL AVENUE HOMEBUSH WEST |
| PROJECT | PROPOSED RESIDENCE | | | |

APPROVED BY:

 SCOTT SHARMA, M.I.E. Aust.

| DESIGNED BY: | YR | ISSUE |
|--------------|-------------|-----------|
| CHECKED BY: | SS | A |
| SCALE | 1:200 | |
| SHEET SIZE | A3 | SHEET No. |
| CLIENT REF. | DRAWING No. | D2 |
| 3747N | E293217 | |



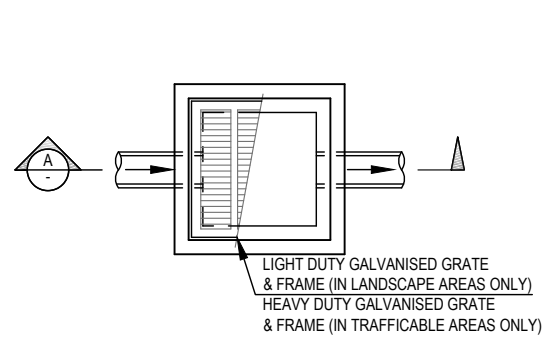
TYPICAL WARNING SIGN

NTS

EVERY EXTERNAL SUPPLY OUTLET FROM RAINWATER RE-USE TANK TO BE LABELED WITH METALLIC WARNING SIGN

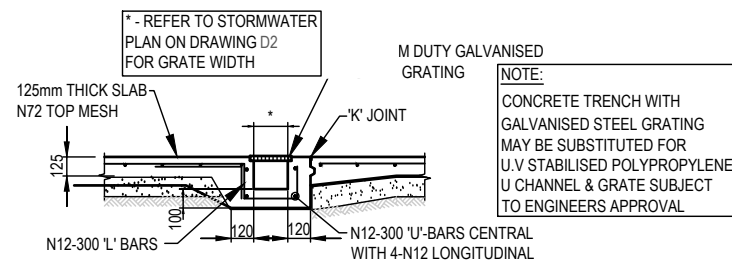
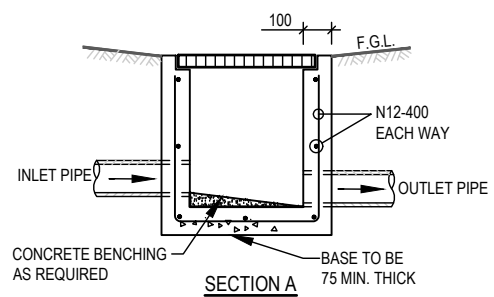
RAINWATER RE-USE TANK - ABOVE GROUND

NTS



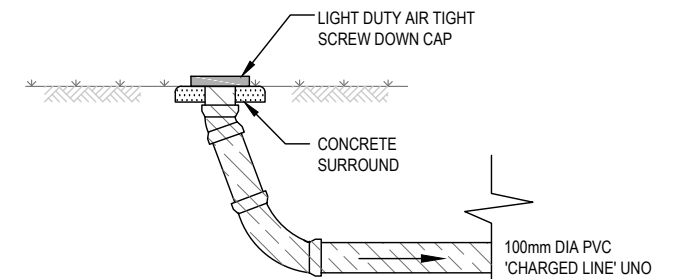
TYPICAL PIT (SIP)

NTS



GRATED DRAIN

NTS



INSPECTION RISER - IR

NTS

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| SCALE | AS NOTED | |
| SHEET SIZE | A3 | |
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| 3747N | E293217 | D3 |