NOTES:

- ANY RETAINING WALLS SHOWN ARE TO BE CONSTRUCTED BY OWNER AFTER HAND OVER, EXCEPT THOSE THAT ARE NECESSARY FOR THE PHYSICAL CONSTRUCTION OF THE DWELLING.
- RETAIN ANY CUT/FILL ON BOUNDARY WITH MINOR CONCRETE SLEEPER RETAINING WALL OR CONCRETE PLINTH AS/IF REQUIRED (BY OWNER)
- 2 PEGS FOUND.

2 X 1000L MINIMUM RAINWATER TANK (BY OWNER) PLUMBED INTO HOUSE WITH MAINS WATER BACK UP "DIRECT INTERIORS" OR SIMILAR 1100 LITRE (3 MODULE) - 1740L x 550W x 1140H ON 450mm HIGH STAND DP① TO ④TO TANK
ENSURE ANY FILL PLACED UNDER TANK STAND LOCATIONS IS PLACED AT LEAST AS "ROLLED FILL". HOWEVER SOME SETTLEMENT MAY OCCUR IF "CONTROLLED FILL IS NOT USED OR IF TANK STAND SLAB IS NOT PIERED TO FIRM NATURAL GROUND. TANK STAND TO BE LOCATED ON HORIZONTAL PLATFORM.

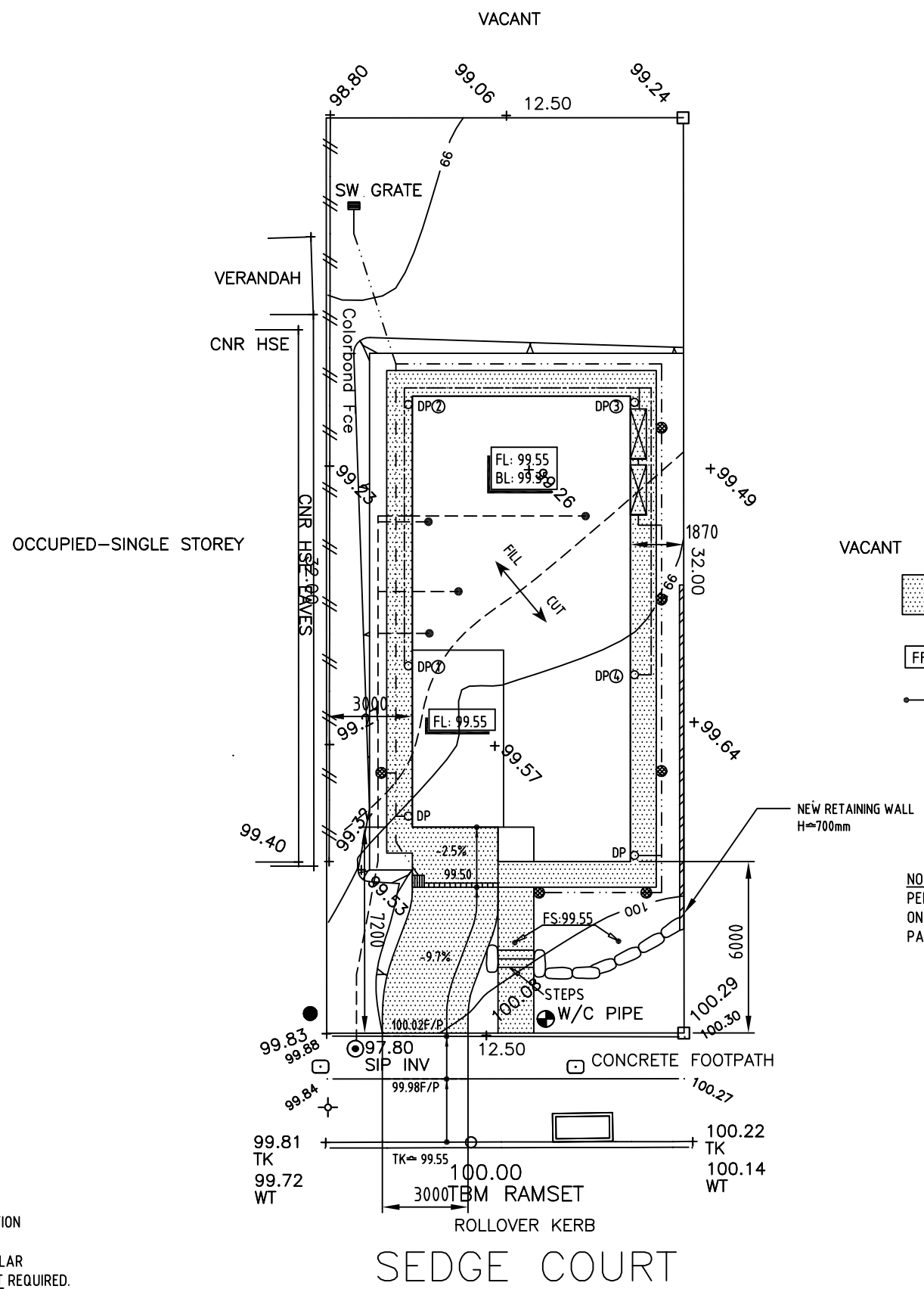
TANK INLET PIPE SEALED SYSTEM (REFER SHEET DD2)

TANK OVERFLOW PIPE, SURFACE STORMWATER AND REMAINDER OF DP'S TO S.W.I.P (GRAVITY FLOW)

- ENSURE SEALED SYSTEM DRAIN LAID LOW ENOUGH WHERE REQUIRED TO ALLOW GRAVITY FLOW DRAIN TO PASS ABOVE WITH SPECIFIED GRADE AND COVER.

⊗ 90ø GRATED SURFACE S/W SUMP (TYPICAL)

- GRADE PAVING/GROUND TO SUMP LOCATIONS OR PROVIDE LINED SPOON DRAIN BETWEEN SUMPS AT 0.30% FALL-REFER SHEET CD5
- THE NUMBER AND LOCATION OF SUMPS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY AND MAY CHANGE SUBJECT TO ACTUAL SITE CONDITIONS AND THE EXTENT AND TYPE OF PAVEMENTS SELECTED.




SEDGE COURT

APPROX

DRIVEWAY: 300mm COVER ONLY REQUIRED WHERE PIPE NOT PROTECTED BY PAVING ABOVE. CONTACT THIS OFFICE FOR FURTHER ADVICE IF NO PAVING ABOVE.

PAVING AREA

FFL/BL DESIGN FINISH FLOOR LEVEL/BENCH LEVEL

FS DESIGN FINISH SURFACE LEVEL

NOTE:
PERMEABLE PAVING IS NOT SUITABLE ON THIS SITE. ADOPT STANDARD PAVING TO DRIVEWAY.

## LEGEND

| | |
|---|---|
| | LINED SPOON DRAIN TO FALL AT MIN. OF 0.30% (BY OWNER) |
| | 250sq x 280d "POLYSUMP" |
| | STORMWATER DRAINS (BY OWNER) 90 ø PVC |
| | SEWER 100 ø AT 2.0% MIN (i.e. 1 in 50) |
| Top / Bottom | GRADE BANKS 1 IN 2 UNLESS NOTED OTHERWISE |
| TREES | EXISTING TREE |
| | EXISTING TREE TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION UNLESS OTHERWISE STATED |

FENCING
- EXISTING FENCING
- FENCING INCLUDED IN CONTRACT

ETSA PILLAR · LPOLE · WAT CON · SEWER IP · SWIP · TELSTRA · GAS IP · BDRY CNR (PEG FOUND) · BDRY CNR (NO PEG)

GRATED STRIP DRAIN TO MANUFACTURERS SPECIFICATION

- LAGGING: S-M CLOSED CELLULAR POLYETHYLENE LAGGING NOT REQUIRED.

THIS PLAN SHALL NOT BE TAKEN AS A CADASTRAL OR IDENTIFICATION SURVEY. BOUNDARY DATA SHOWN IS TO BE TAKEN AS A GUIDE ONLY. IF REQUIRED, EXACT RESIDENCE LOCATION AND BOUNDARY LENGTHS TO BE ESTABLISHED BY QUALIFIED CONSULTANT.

MOSS ROCK OR SIMILAR TYPE RETAINING WALLS

NOTE:
ADOPTING EXISTING VERGE/FOOTPATH LEVELS FOR DRIVEWAY DESIGN TO BE CONFIRMED AS APPROPRIATE BY COUNCIL PRIOR TO ANY COUNCIL APPROVALS GRANTED.

BENCH:
ENSURE BENCH IS GRADED FROM HOUSE.
SLOPE OF 1 IN 40 FOR PAVED AREAS.
SLOPE OF 1 IN 100 FOR GRASSED AREAS.

SEWER LAYOUT:
THE SEWER LAYOUT IS INDICATIVE ONLY, THE INVERTS SHOWN HAVE BEEN CALCULATED TO DETERMINE WHETHER ADDITIONAL FOOTING PIERS MAY BE REQUIRED. IT IS NOT NECESSARILY A FINAL SEWER DESIGN. IF SEWER IS TO BE LAID DEEPER THAN INVERT POINTS SHOWN THEN A REVIEW OF FOOTING DESIGN IS REQUIRED BY THIS OFFICE. MAXIMUM LEVEL OF PATH AT FLOOD GULLY TO BE 165mm BELOW F.F.L.

STORMWATER:
PROVIDE ADEQUATE PROTECTION OR COVER TO STORMWATER PIPES (300mm COVER WHERE PIPE IS LIKELY TO BE SUBJECTED TO VEHICULAR LOADING AND 100mm MINIMUM COVER OTHERWISE). WHEN A SEALED STORMWATER SYSTEM IS USED REFER TO DETAIL SHEET. 1 IN 250 MIN FALL ON STORMWATER DRAINS EXCEPT IN SEALED SYSTEMS.

FLEXIBLE CONNECTIONS:
FLEXIBLE CONNECTIONS TO STORMWATER AND WASTE DRAINS ARE NOT NECESSARY ON THIS SITE.

SITE:
LEVELS SHOWN ARE APPROXIMATE ONLY AND ARE TO AN ASSUMED DATUM AS INDICATED ON SITE PLAN. SITE DIMENSIONS SHOWN IN BRACKETS ( ) AND BOUNDARIES ARE ASSUMED ACCORDING TO INFORMATION AVAILABLE OR FOUND ON SITE, AND SHALL BE CONFIRMED BY THE OWNER.

## OWNER PLEASE NOTE

STORMWATER DISPOSAL INCLUDING SURFACE DRAINAGE, AS PER PLAN AND TO COUNCIL REQUIREMENTS ALL TO BE CONSTRUCTED BY OWNER, INCLUDING RETAINING WALLS, UNLESS STATED OTHERWISE IN THE CONTRACT.
ANY EXCAVATIONS ADJACENT TO FOOTINGS SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 4 IN APPENDIX B OF FOOTING REPORT. WRITTEN DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS.
ANY DISCREPANCY BETWEEN THE FOOTING PLAN/REPORT AND THE CIVIL PLAN SHALL BE REPORTED TO FMG ENGINEERING IMMEDIATELY. FLOOR LEVELS MAY BE INCREASED TO ACCOMMODATE SEWER GRADE REQUIREMENTS. OWNER AND/OR BUILDER ARE TO CHECK SEWER INVERTS PRIOR TO SITEWORKS COMMENCING.

| REV | DESCRIPTION | DATE | INIT | APP |
|---|---|---|---|---|
| | | | | |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CIVIL | STRUCTURAL | ENVIRONMENTAL | GEOTECHNICAL | BUILDING ASSESSMENT & FORENSIC | SOIL & MATERIAL TESTING | HOUSING | COMMERCIAL | PROJECT MANAGEMENT | SURVEY


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SIGNATURE

CLIENT
Habitat for Humanity

PROJECT TITLE
**PROPOSED RESIDENCE**

SITE ADDRESS
Lot 17 Sedge Court
MURRAY BRIDGE SA 5253

DRAWING TITLE
**CIVIL PLAN**

| | | | |
|---|---|---|---|
| No. OF SHEETS: 1 | SCALE: 1:200 @ A3 | DATE STARTED: 18/11/2011 | |
| DRAWN: AL | JOB No.: 109769 | | REV. |
| DESIGNED: AL | DRAWING No.: HC01 | | |
| CHECKED: AM | | | |

RGS INTERNATIONAL CERTIFIED QUALITY MANAGEMENT SYSTEM ISO9001