





KEY

-  CATCHMENT - UPPER ROOF DIRECTED TO TANKS (140 REQD BASIX) 270M2
-  CATCHMENT - UPPER & LOWER LEVEL TERRACES. LODGER 2 TERRACE ROOF, PATHS AND CONCRETE DRIVEWAY 80M2
-  CATCHMENT - GRASSPAVE - EXCESS RUN-OFF DIRECTED TO STREET & PITS 85M2
-  WATER TANKS 20KL

STORMWATER STRATEGY

ROOF WATER RETENTION.
ROOF WATER FROM UPPER ROOF DIRECTED TO UNDER FLOOR TANK (TANK 1) , GARDEN TANK (TANK 2) AND FRONT TANK (TANK 3) . OVERFLOW TO DETENTION AN STREET

RETENTION - RAINWATER USE:
AS A BASIX REQUIREMENT 11KL FOR GARDEN USE ONLY.

DETENTION (OSD)
9KL OF TANK SPACE ALLOCATED FOR ON SITE DETENTION - RELEASED TO STREET

HARDSCAPE
UPPER TERRACE AND SMALL AREA OD HARDSCAPE AND EXCESS GRASSPAVE RUNOFF TO BE COLLECTED AND DISCHARGED DIRECTLY TO STREET PIT. PATHS TO DRAIN TO ADJACENT GARDEN BEDS.


WATER TANK SCHEDULE

ID	CAPACIYTY	BASIX USE	OSD
TANK 1	10KL POLY	8KL - GARDEN USE	2KL
TANK 2	8KL STEEL	3KL GARDEN USE	5KL
TANK 3	2.0KL POLY	NIK	2.0KL
TOTALS	20.5KL	11KL	9KL

STORMWATER CALCS

SITE AREA	790m2
TOTAL ROOF AREA DIRECTED TO TANKS	250m2
ROOF AREA DIRECTED TO STREET	20m2
TOTAL TANK CAPACITY	11,000L
CAPACITY - PRIVATE USE (BASIX)	10,000L
CAPACITY - (DETENTION)	1,000
STORAGE RATIO	23m2/KL

SOLAR GENERATION

 NOM 1650X1000 300-400W SOLAR PANELS . LOCATIONS SHOWN REPRESENT 'POSSIBLE LOCATIONS' NOT PROPOSED SYSTEM PROVIDE INVERTER OR USE MICRO-INVERTER PANELS. GRID CONNECT NETT FEED SYSTEM.

BASIX REQUIREMENT 4.5KW = 12 PANELS

