



DISCHARGE ON SPLASH PAD  
SET AT MIN 10% SLOPE AND AT LEAST  
2m FROM SIDE PROPERTY LINE

NOTE: PUMP MAY BE CONNECTED  
TO A RECEPTICAL WIRED IN THE  
VICINITY OF THE SUMP BOX, OR  
WIRED DIRECTLY TO ELECTRICAL  
PANEL.

FLOOR JOIST

GROUND LEVEL

\*\*CONCEPTUAL DRAWING  
SANITARY SERVICE LINE MAY  
VARY IN EACH HOME

TOP & SIDE COVERED WITH  
MIN. 150mm OF CRUSHED  
STONE OR EQUIVALENT

CLEAN-OUT

FLOOR DRAIN

BACKFLOW  
PREVENTION  
VALVE  
(OPTIONAL)

WEeping TILE & TEE  
MIN 100mm

CAPPED

SANITARY  
SERVICE  
LINE

38mm ABS OR EQUAL  
DISCHARGE PIPE

WEEP HOLES

100mm ABS PIPE OR  
WEeping TILE TO SUMP

SHUT OFF VALVE

CHECK VALVE

UNION COUPLING  
SEALED TO PREVENT SEEPAGES  
FROM OTHER AREAS BELOW FLOOR  
AUTOMATIC SUMP PUMP

SUMP TO BE PLACED  
ON UNDISTURBED SOIL.

CODE REFERENCE ON SUMP:  
NATIONAL BUILDING CODE SECTION 9.14.2  
FOUNDATION DRAINAGE  
9.14.5.2 SUMP PITS

SUMP PIT MAY BE CONSTRUCTED OF:  
A) CONCRETE  
B) CORROSION RESISTANT STEEL  
C) PLASTIC

WHERE A SUMP PIT IS PROVIDED IT SHALL BE:  
A) NOT LESS THAN 750mm DEEP.  
B) NOT LESS THAN 0.25sq.m IN AREA, AND  
C) PROVIDED WITH A COVER.

REVISIONS		SUMP WITH PUMPED DISCHARGE TO SURFACE	APPROVED	
1			GENERAL MANAGER	P. ENG.
2		ENGINEER		
3		ENGINEER		
DRAWN BY _____ DATE _____		SCALES: HOR. NTS _____		
CHECKED BY _____ DATE _____		PLAN NO.		