

# GOOD PRACTICE GUIDE FOR :- RAFT TYPE FLOORS & CONVENTIONAL FOUNDATIONS

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## GOOD PRACTICE NOTES

**NOTE : GAP 1 or GRANULAR FILL**  
50mm MAX. THICKNESS  
SOME ENGINEERS LIKE IT TO BE TAKEN 1000mm OUTSIDE THE BUILDING PLATFORM LINE TO ALLOW FOR SHRINKAGE AND CONSISTENT BEDDING.

GOOD PRACTICE IS TO EXCAVATE INSIDE THE BOXING OR FRAMEWORK, 150 WIDE x 50 DEEP TO ALLOW FOR EDGE BEAM CONCRETE CONTACT WITH DPM & NATURAL GROUND, ENCAPSULATING MAIN FLOOR AREA TO AVOID EDGE BEAM EROSION .

### NOTE : DRAINAGE

DRAIN LAYER TO STAY OUTSIDE LINE OF INFLUENCE ( ie 45 DEGREE FROM THE BOTTOM OF ANY EXCAVATION ) : IF THIS CANNOT BE ACHIEVED, THAT EDGE BEAM SHOULD BE FILED

### PROCEDURE:

- 1 - LEVEL FLAT CUT AND/OR FILL
- 2- PLACE & COMPACT BLINDING
- 3- PLACE REQUIRED BOXING
- 4- SPADE OUT 150 WIDE X 50 DEEP TRENCH
- 5- PLACE SPECIFIED D.P.M. INSIDE BOXING AND TRIM AS PER NZS3604 : 2011

### NOTE !

THE DETAILS SHOWN ON THIS DRAWING ARE ONLY TO BE USED IN CONJUNCTION WITH THE FOUNDATION PLAN SUPPLIED SPECIFYING TYPE AND SPACING OF PILES AND OTHER COMPONENTS. APPROPRIATE TO SEISMIC ZONES

DESIGN GB, JB	SCALE AS SHOWN
DRAWN J.N.B.	DATE APRIL 2014
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## SPECIAL NOTES :-

MINIMUM DISTANCE FROM FOUNDATION TO EDGE OF EXCAVATION = 1.5 x DEPTH OF EXCAVATION ( MIN )

TO BE CONFIRMED ON-SITE BY STRUCTURAL & GEOTECH. ENGINEER'S

## SAFE BATTER - GENERALLY

1 : 2 FOR CLAY  
1 : 3 FOR HARD FILL  
ALL SUBJECT TO ENGINEER'S APPROVAL

**NOTE :**  
SLABS MAY REQUIRE INDEPENDENT SUPPORT eg: PILES, IN ORDER TO ISOLATE LOAD FROM RETAINING WALL  
CHECK WITH ENGINEER

