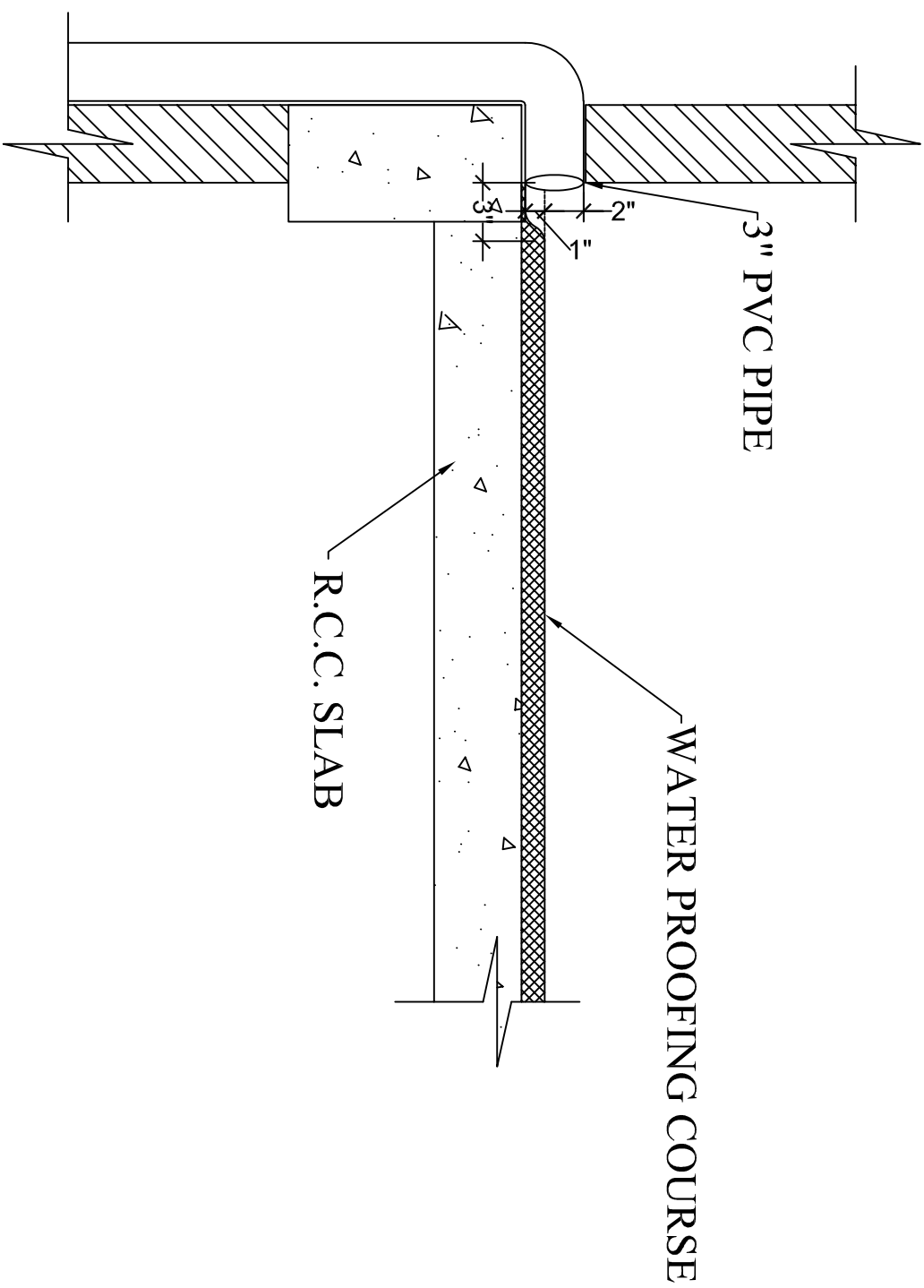


Subject: Guideline for terrace water proofing.

Keywords: Water proofing, Terrace.

1. The procedure for water proofing of terrace is being revised as per guidelines given herein. They should be strictly followed hereafter.
2. Approved drawing for terrace ridgelines + slopes + location and size of rainwater pipes must be available before starting the water proofing work. In general use 75mm dia pipe for villas, 100mm for apartments and 150mm x 2 nos for lab space projects.
3. Rainwater pipes to be fixed as per standard drawing (figure no. 44).
4. Civil work and plastering to be fully completed.
5. Surface to be thoroughly cleaned.
6. In case cracks/honeycomb is visible in the slab or RCC structure, they must be filled with pressure grouting.
7. Gulta (haunch) must be made upto a height of 6 to 9" along all walls with kalai (smooth) finish.
8. Bull marking must be done on the floor to determine levels of floor and thickness of final finishing of water proofing layer.
9. The thickness of the water proof layer of concrete must be between 25 to 50mm near the rainwater pipe and 75mm at the furthest end. In case of undulation in the slab this height may be increased to 100mm. Atleast 50mm slope must be maintained from the ridge line (furthest end) to the rainwater pipe.
10. Use M20 RMC with integrated waterproofing compound (IWC) for concreting the terrace as per slopes given above.
11. Employ services of VDF flooring contractors for laying the concrete layer using power trowel. Vacuum dewatering is not required. The finishing must be smooth (similar to kalai finish).
12. Ponding (less than 100sft) and curing for 21 days is mandatory.
13. 2ft dia area around rainwater pipe must not be concreted. Just apply screed around the rainwater pipe to ensure smooth flow of water.
14. Guideline rates for these works will be issued shortly. Tentatively, water proofing contractor may be paid Rs. 3/- per sft (for labour only) for surface preparation and gulta along the peripheral walls + Rs. 1/- per sft for marking levels. Road laying contractor may be paid Rs. 6 to Rs. 8/- per sft for laying the concrete with channels and surface finishing with power trowel.

Soham Modi



Description	Direction	Owners & Developers :		Date :	06/04/2018	Promoted by
TERRACE - DRAIN PIPE - STANDARD DESIGN SECTION DRAWING FIG. NO. 44		Modi Properties Pvt Ltd.	Prepared By :	Madhav Bhatt	Modi Properties Pvt. Ltd. Phone: +91-40-66335551	
		Project Name & Phase :	Approved By :	Soham Modi		
		AVR's Gulmohar Homes	Scale :	N.T.S		