

LT PANEL BOARD (MAIN)



TOILET BLOCK (THIRD TO NINTH FLOOR LEFT SIDE)-7 NOs



Diagram illustrating the layout of water supply pipes and valves for a multi-story building, showing the distribution of water from a terrace ringmain to various floors.




Building Components and Labels:

- TOILET BLOCK:** A separate structure with a 25 mm Ø pipe.
- Main Building:** A large structure with floors labeled from First Floor to Ninth Floor.
- 100 mm Ø RINGMAIN ON TERRACE:** The main supply line at the top of the building.
- Pipe Diameters:**
 - 25 mm Ø: Pipe for the Toilet Block and a branch to the First Floor.
 - 50 mm Ø: Drops and risers for most floors.
 - 100 mm Ø: Terrace ringmain.
- Valves:** Indicated by double triangles (▲▲) along the vertical risers and horizontal drops.

Pipe Layout Details:

- The 100 mm Ø ringmain on the terrace connects to three vertical risers.
- Riser 1 (Left):** Serves the Fourth, Fifth, Sixth, Seventh, and Eighth Floors. It has a 50 mm Ø drop to the Fourth Floor and a 25 mm Ø branch to the First Floor.
- Riser 2 (Middle):** Serves the Second and Third Floors. It has a 50 mm Ø drop to the Second Floor.
- Riser 3 (Right):** Serves the Fourth, Fifth, Sixth, Seventh, Eighth, and Ninth Floors. It has a 50 mm Ø drop to the Fourth Floor.

SCHEMATIC DIAGRAM OF INTERNAL WATER SUPPLY

SL NO	DATE	DESCRIPTION	INITIAL
REVISIONS			
PROVISION OF DEFICIENT 287 SINGLE INLIVING ACCN ASSOCIATED FACILITIES FOR DSC AT NAVAL DOCKYARD, VISAKHAPATNAM (BD NO AMWP 46/2020)			
SCHEMATIC DIAGRAM FOR INTERNAL ELECTRIC AND WATER SUPPLY			
DATE	11-06-2022	CHIEF ENGINEER (NAVY) VISAKHAPATNAM ZONE	SHEET NO 24/24
DRN	NK VIKRAM		
TCD	—		
CKD			
SCALE	1:100	DRG. NO. CEVZ/2022/WD/2110 (SA-CH/DH)	
 AAD (ARCH)		 AAD (UTILITY)	 OFDG DIRECTOR (UTILITY) FOR CHIEF ENGINEER