

NO.	DESCRIPTION	DATE
R0	FOR APPROVAL	30.11.2023
R1		
R2		
R3		
R4		
R5		

REVISION:

GENERAL NOTES:

NORTH:

SYMBOL	DESCRIPTION
	20mm TAP (HWS) HOT WATER SUPPLY WITH VALVE AS REQUIRED
	20mm TAP (RWS) RO WATER SUPPLY WITH VALVE AS REQUIRED
	20mm TAP (DWS) DOMESTIC WATER SUPPLY WITH VALVE AS REQUIRED
	(HWS) HOT WATER SUPPLY LINE
	(RWS) RO WATER SUPPLY LINE
	(DWS) DOMESTIC WATER SUPPLY BALL VALVE OR ANGEL VALVE AS REQUIRED.
	GEYSER AS REQUIRED
	RO MACHINE AS REQUIRED
	200 LTR. WATER TANK AS REQD. TO BE HANGED WITH R.C.C. SLAB AS SITE CONDITION.

SYMBOL	DESCRIPTION
	20mm DN UPVC WASTE PIPE
	75mm DN UPVC WASTE PIPE OR AS SITE CONDITION
	CLOSE DRAINING
	FLOOR TRAP WITH FITTING AS APPL. OR AS SITE CONDITION
	PORTABLE GREASE TRAP AS APPL. OR AS SITE CONDITION
	ARROWS ARE FOR DRAINAGE FLOW & SLOPE INDICATION ONLY

CLIENT:



OUTLET:-

**EVENSUB India Pvt Ltd**  
**SUBWAY SYSTEMS INDIA PRIVATE LIMITED,**  
 Awlfe Space Solutions, 3rd Floor, Tower-B,  
 Unitech Cyber Park, Gurgaon, Haryana,  
 India - 122002.

PROJECT: **DELHI AIRPORT, SH-17 @ L-5**

DRWN: HK      CHKD: SK

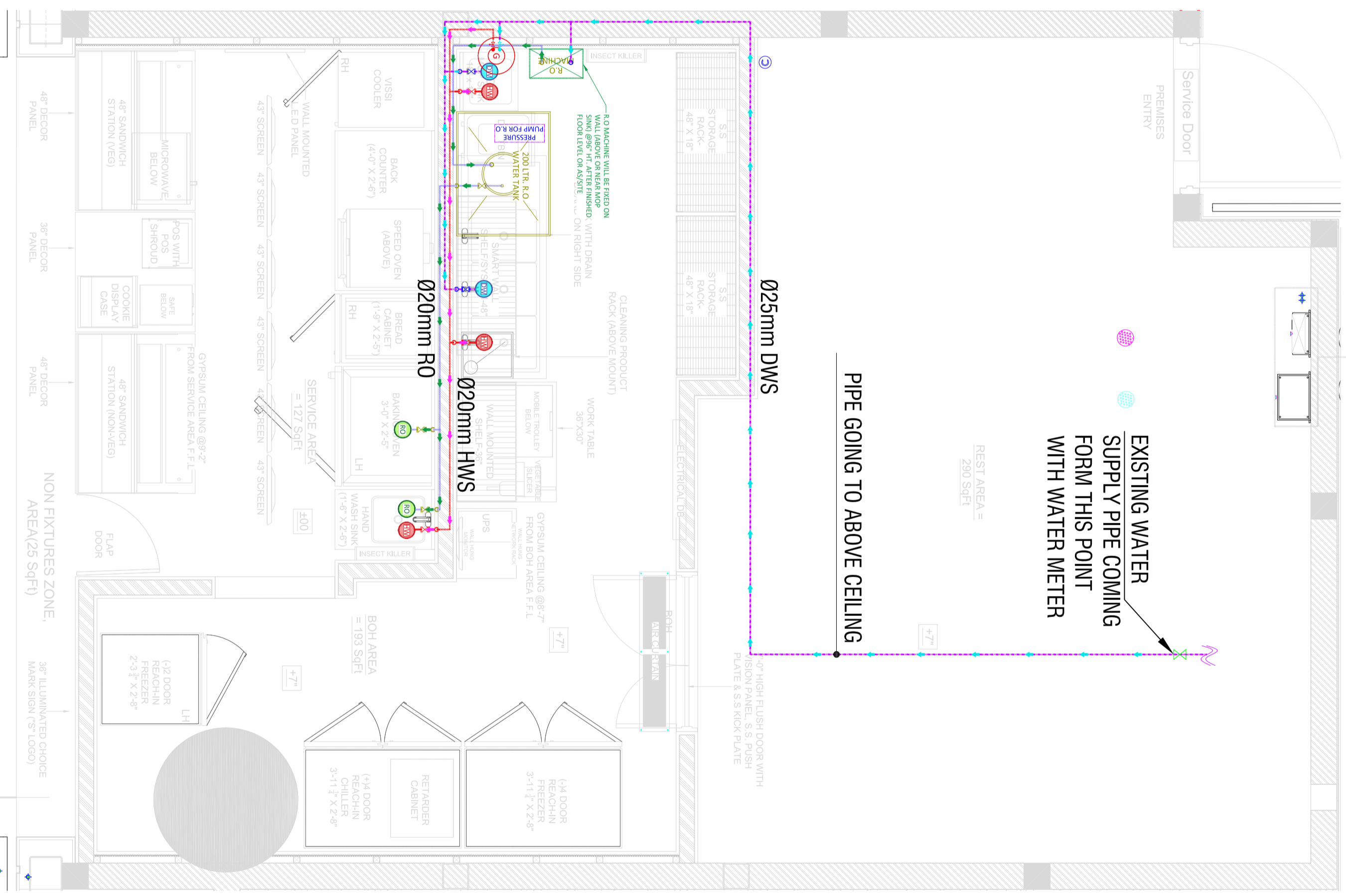
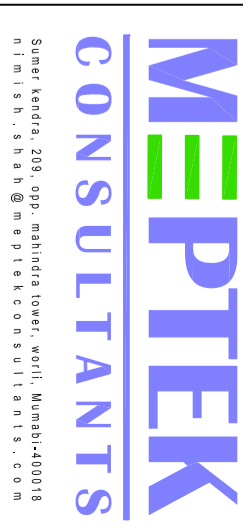
DATE: 20.10.2023      SCALE: NTS

DRAWING NUMBER:

TFS-DELHI AIRP-SH-17-SW-PHE-01

DRAWING NAME:

WATER SUPPLY LAYOUT



- WATER SUPPLY SYSTEM (INSTRUCTIONS TO CONTRACTOR)**
- ELECTROMAGNETIC FLOW METER SHALL BE INSTALLED @ INLET POINT.
  - WATER METER SHALL MEET REQUIREMENT OF IS779:1994.
  - ALL WATER SUPPLY PIPES INSIDE AND OUTSIDE BUILDING UPTO 65MM DIA. (ABOVE GROUND) WILL BE CPVC-SPR 11, PRESSURE RATING PN 10 CONFORM TO IS 1978:2007
  - ALL WATER SUPPLY PIPES INSIDE AND OUTSIDE BUILDING ABOVE 65MM DIA. (ABOVE GROUND) WILL BE GI GRADE HEAVY CLASS (CLASS C) CONFORM TO IS 1239:2004 Part 1
  - NON POTABLE WATER SUPPLY PIPES INSIDE AND OUTSIDE BURIED (BELOW GROUND) WILL BE GI GRADE HEAVY CLASS (CLASS C) CONFORM TO IS 1239:2004 Part 1
  - POTABLE WATER SUPPLY PIPES INSIDE AND OUTSIDE BURIED (BELOW GROUND) WILL BE DI GRADE K9 CONFORM TO IS 8329:2000
  - WATER PRESSURE (10KG/CM2) LEAKAGE TESTING SHALL BE CARRIED OUT BY CONTRACTOR IN PRESENCE OF BIAL TEAM. PIPE SHOULD BE VISIBLE DURING TESTING AND INSPECTION.
  - CONTRACTOR SHALL ENSURE THE LEAK PROOF PIPE JOINTS. FUSION WELDED JOINTS AS PER MANUFACTURER STANDARD SHALL BE CARRIED OUT.
  - FUTURE PROVISION PIPING WORK IF ANY SHALL BE CARRIED OUT BY CONTRACTOR ONLY AFTER RECEIPT OF APPROVAL FROM BIAL ENGINEERING TEAM
  - CONTRACTOR SHALL ENSURE THE WATER PROOFING DETAILS SPECIFIED BY SPECIALIZED CONSULTANT. THE SAME SHALL BE CARRIED OUT IN CO ORDINATION WITH BIAL TEAM.
  - TO IDENTIFY THE WATER SUPPLY PIPES PIPING CONTRACTOR SHALL PROVIDE THE FOLLOWING TAGS.
    - DOMESTIC WATER SUPPLY (DWS)
    - HOT WATER SUPPLY (HWS)
    - RO WATER SUPPLY (RO)
  - SLEEVE HAS TO BE GIVEN ALONG WITH FIRE RETARDANT SEALANT IF THE PIPES ARE CROSSING ANY WALL
  - USE FORGED BRASS LEVER OPERATED BALL VALVES (15KG/CM2)
  - CONTRACTOR TO PREPARE SHOP DRAWING FOR EXECUTION AND AS BUILT DRAWINGS FOR BIAL SUBMISSION.
  - ANY DEVIATION DURING THE EXECUTION PHASE THE CONTRACTOR HAS TO BE INCORPORATED IN THE AS BUILT DRAWINGS.