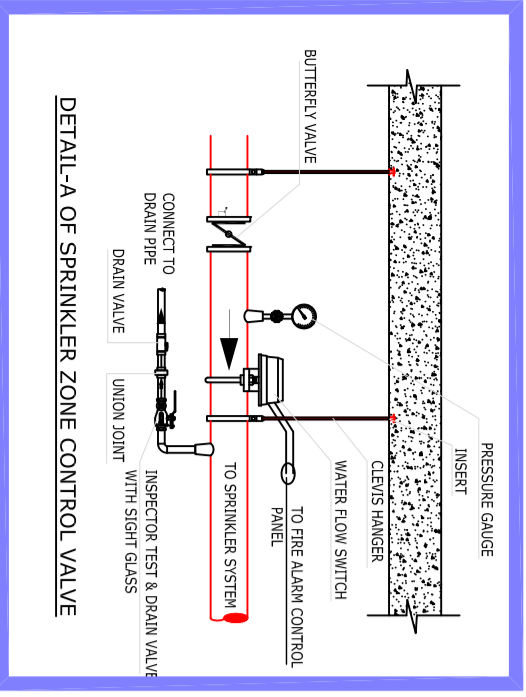
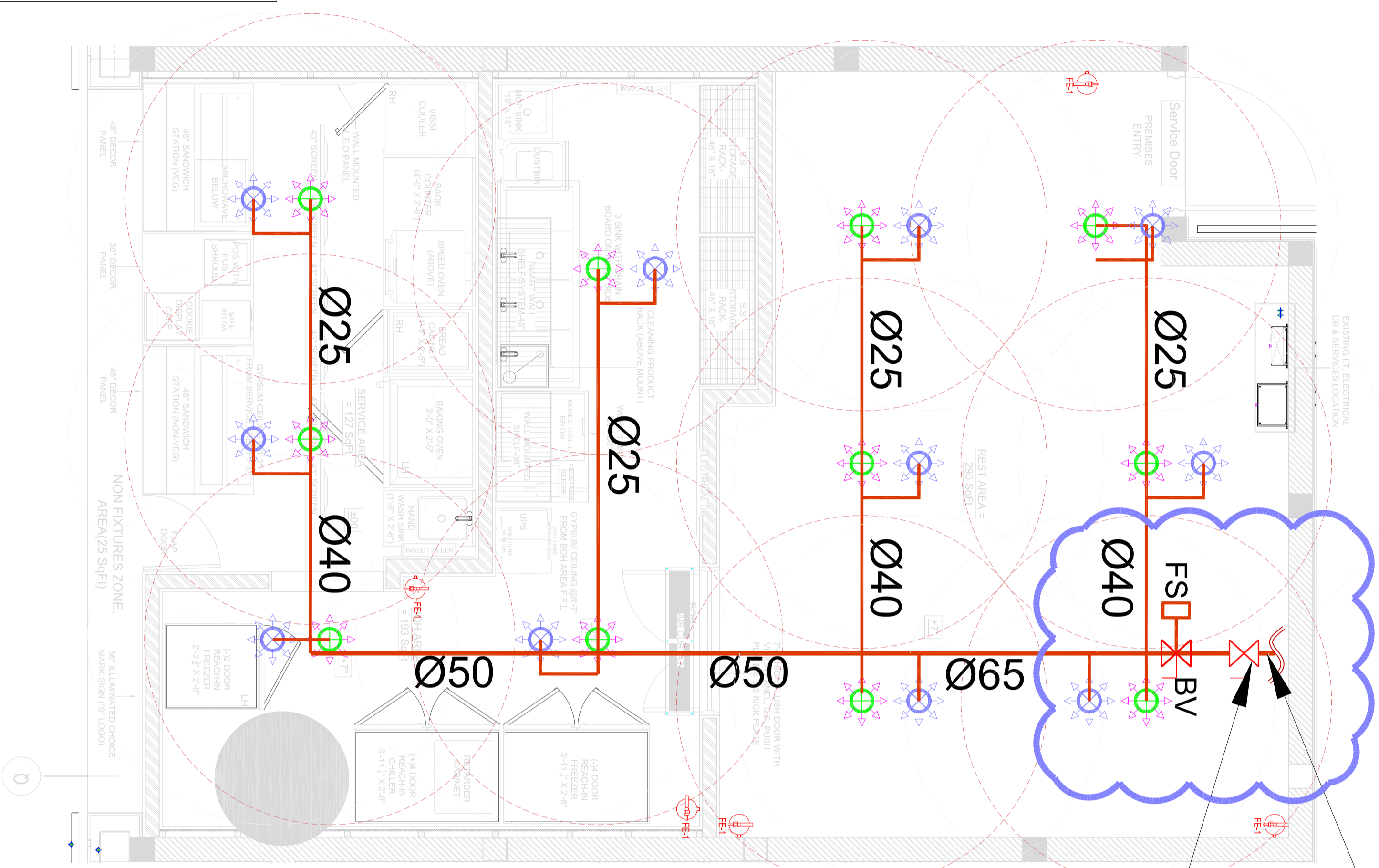


# DETAIL-A



## Ø65MM WHEEL OPERATED BUTTERFLY VALVE WITH INBUILT SUPERVISORY TAMPER SWITCH (UL LISTED & FM APPROVED)

### EXISTING HEADER BUTTERFLY VALVE

**NOTES / INSTRUCTION TO THE CONTRACTOR - EXTINGUISHER**

- 1) EXTINGUISHER SHALL BE PLACED ON WALL / COLUMN WITH HELP OF REQUIRED CLAMPS. ALTERNATELY SHALL BE PLACED ON PEDESTRIAN STANDS. LOCATION OF EXTINGUISHER AS PER INTERIOR PREFERENCE.
- 2) ALL EXTINGUISHER SHALL PLACE IN ACCORDANCE WITH NFPA -10.
- 3) EXTINGUISHERS SHALL BE COMPILED WITH BIS-15683
- 4) LOCATION OF EXTINGUISHERS SHALL BE AS PER ELECTRICAL ENERGIZED EQUIPMENTS/ PANELS.

- NOTES/INSTRUCTION TO THE CONTRACTOR-SPRINKLER**
- 1) MAINTAIN SPRINKLER TO SPRINKLER DISTANCE AND SPRINKLER TO PARTITION / BULKHEAD OBSTRUCTION DISTANCE 300MM AND 150MM RESPECTIVELY. SPRINKLER SHALL BE INSTALLED ACCORDANCE WITH NFPA-13 AND SHALL BE CONNECTED WITH PARENT SYSTEM INSTALLED BY PROJECT MANAGER
  - 2) SPRINKLERS SHOULD BE INSTALLED IN SUCH A WAY THAT THERE SHALL BE NO HINDRANCE IN SPRINKLER PROFILE / SPRAY AREA DUE TO CHANGE OF CEILING HEIGHT OR ANY OTHER OBSTRUCTION / BULKHEAD / OTHER SERVICES ETC.
  - 3) PIPE SIZES (SCHEDULE) AS PER NFPA - 13/ NBC-2016.
  - 4) PIPE TO PIPE NOZZLE CONNECTIONS ARE NOT ALLOWED FOR BRANCHES. FORGED FITTINGS LIKE EQUAL/UNEQUAL TEE THREADED SHALL BE USED FOR BRANCHES. FITTING TO FITTING WELDING ALSO NOT ALLOWED.
  - 5) ALL MATERIAL TO BE USE AT SITE AS SUBJECTED TO PRIOR INSPECTION & APPROVED. FROM PROJECT MANAGER. ENG. TEST CERTIFICATE MEET ALL MATERIAL / EQUIPMENT / UNITS / NEED TO BE SUBMITTED PRIOR TO INSTALLATION DURING WIR PROCESS. DATA SHEET'S MEET ALL MATERIAL / UNITS / NEED TO BE SUBMITTED FOR PRIOR APPROVAL FROM PROJECT MANAGER
  - 6) IN FALSE CEILING AREAS, ACCESS TRAP DOORS OF MINIMUM SIZE (600MMX600MM), SHALL BE PROVIDED AT EACH & EVERY LOCATION OF MEP PROVISIONS / TRAP OFF. LOCATION OF VALVES ETC. TRAP DOOR SHALL BE PROVIDED FOR EACH & EVERY COMPARTMENT / ROOM / CABIN ETC. TRAP DOOR SHALL ALSO BE PROVIDED AS PER GUIDELINES OF PROJECT MANAGERS ENG. FOR O & M OF MEP SERVICES. INSTALLED FOR ABOVE FALSE CEILING AREA. P.M.C SHOULD CO-ORDINATE WITH ARCHITECT AND MAKE PROVISIONS FOR THE SAME.
  - 7) PIPES Ø66MM AND ABOVE SHALL BE GROOVED FITTINGS & 50MM AND BELOW SHALL BE THREADED FITTINGS.
  - 8) SPRINKLER VALVE MAKE SHALL BE NEWAGE / TVCO / VIKING / GLOBE.
  - 9) TESTING SHALL BE DONE 18KG/CM2 HYDROSTATIC PRESSURE FOR 24 HRS HOLD THE POST INSTALLATION AND CLEARED BY PROJECT MANAGER TEAM. TESTING SHOULD BE WITH WITNESS TO PROJECT MANAGER.
  - 10) PIPES & FITTINGS SHALL BE CONFIRMING TO IS:1239 PART-I CLASS 'C' HEAVY & IS:1239
  - 12) PIPE SUPPORT:-
    - (1) CLEVIS HANGER SUPPORT FOR Ø25MM TO Ø100MM PIPE.
    - (2) STRUCTURAL SUPPORT (ISA-30X30XMM) FOR Ø150MM PIPE
    - (3) CHANNEL SUPPORT (ISMC-100X30XMM TH) FOR Ø150MM MULTIPLE PIPE.
    - (4) STRUCTURAL SUPPORTS FOR RISER PIPES SHOULD BE PROVIDED AT EVERY 2.4 MHS.

**FIRE FIGHTING LEGEND:-**

S.R. SYMBOL	DESCRIPTION
1.	PENDENT SPRINKLER POINT 68°C
2.	UPRIGHT SPRINKLER POINT 68°C
3.	SPRINKLER PIPE
4.	FIRE EXTINGUISHER ABC-6KG
5.	FIRE EXTINGUISHER CO2-5KG
6.	FIRE EXTINGUISHER K TYPE-6KG
7.	FIRE EXTINGUISHER ARAFF-9LTR.
8.	CLEAN AGENT ABC TYPE 10KG FIRE EXTINGUISHER

**CLIENT:** Travel Food Services  
**INHOUSE DESIGN**

**OUTLET:** EVERSUB India Pvt Ltd

**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-FE-01

**DRAWING NAME:** FIRE SPRINKLER LAYOUT

**OFFICE:** SUBWAY SYSTEMS INDIA PRIVATE LIMITED, Avika Space Solutions, 3rd Floor, Tower-B, Anand Cooperative Park, Gurgaon, Haryana, India - 124001.

**DRWING:** HK

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