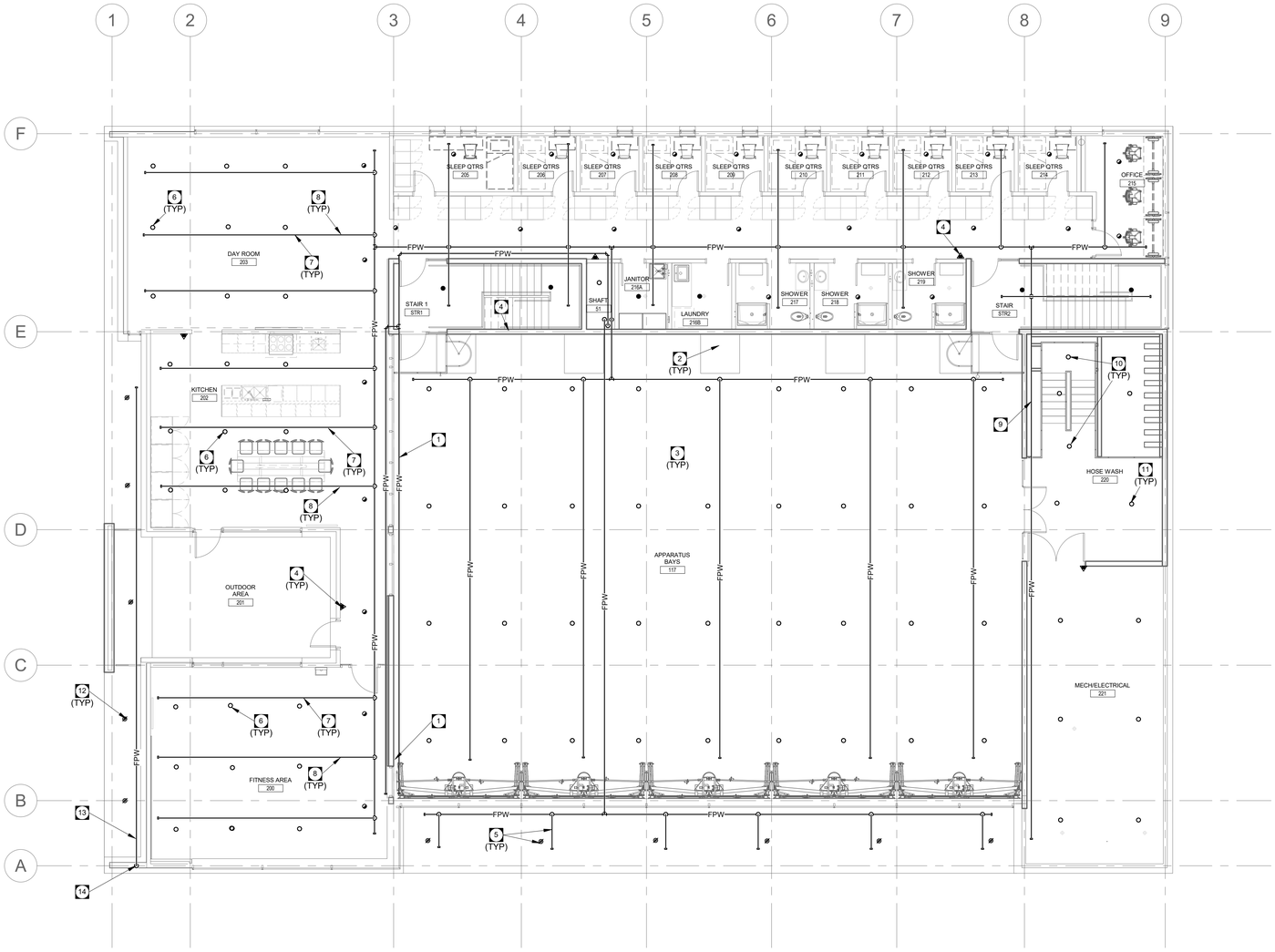

1 / MF2.2 SECOND FLOOR PLAN - FIRE PROTECTION
SCALE: 1 : 100

KEY NOTES

1. PROVIDE WINDOW SPRINKLERS FOR SECOND FLOOR WINDOWS TO ACHIEVE 2HR FIRE SEPARATION. REFER TO ARCHITECTURAL DETAILS.
2. SPRINKLER HEADS NOT REQUIRED FOR SKYLIGHTS DUE TO SIZE AND SPACING, ACCORDING TO NFPA 13.
3. PROVIDE WET SPRINKLER SYSTEM, DESIGNED TO NFPA 13, THROUGHOUT BUILDING. PROVIDE DRY ZONES WHERE INDICATED FOR EXTERIOR SOFFIT.
4. PROVIDE FIRE EXTINGUISHER WITHIN RECESSED WALL CABINET, COMPLIANT WITH NFPA 10 AND ACCORDING TO ARCHITECTURAL.
5. PROVIDE DRY SPRINKLER ZONE FOR HEADS IN NON-COMBUSTIBLE EXTERIOR SOFFIT. PROVIDE MAIN PIPE WITHIN WARM VENTILATED CAVITY WITH BRANCHES DOWN TO INDIVIDUAL HEADS.
6. PROVIDE UPRIGHT SPRINKLER HEADS IN CEILING POCKETS CREATED BY GLULAM BEAMS, ACCORDING TO NFPA 13.
7. PROVIDE SPRINKLER PIPE BELOW SHALLOW GLULAM BEAMS RUNNING NORTH-SOUTH, ABOVE UNDERSIDE OF DEEP GLULAM BEAMS RUNNING EAST-WEST.
8. SPRINKLER BRANCH PIPE TO PENETRATE GLULAM BEAM WHERE PIPE EXITS CEILING PLENUM ABOVE CORRIDOR TO ENTER EXPOSED ADJACENT SPACE. COORDINATE PENETRATION SIZE AND LOCATION WITH ARCHITECTURAL AND STRUCTURAL.
9. PIPES SHOWN SCHEMATICALLY. INSTALL PIPES STACKED VERTICALLY ALONG WEST WALL OF HOSE WASH ROOM, SUPPORTED OFF WALL, TO AVOID STAIRS.
10. PROVIDE SHIELDED SPRINKLER HEADS BELOW STEEL GRATE STAIR LANDINGS TO COMPLY WITH NFPA 13. PROVIDE BRANCH PIPES FROM MAINS ON WEST WALL ALONG UNDERSIDE OF STAIRS TO SERVE SPRINKLER HEADS. PROPOSE SPECIFIC PIPE ROUTING ON SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY CONTRACT ADMINISTRATOR.
11. PROVIDE SPRINKLER HEADS AT TOP OF HOSE WASH TOWER TO PROVIDE COVERAGE TO COMPLY WITH NFPA 13.
12. PROVIDE DRY SPRINKLER ZONE FOR HEADS IN NON-COMBUSTIBLE EXTERIOR SOFFIT.
13. PROVIDE DRY SPRINKLER PIPE HORIZONTALLY WITHIN SOFFIT.
14. PROVIDE DRY SPRINKLER PIPE VERTICALLY WITHIN WALL TO SECOND FLOOR SOFFIT LEVEL.

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Project
WFPS STATION 9

1083 AUTUMNWOOD DRIVE

Sheet Title
SECOND FLOOR - FIRE PROTECTION PLAN

Project No. 22028

Sheet MF2.2

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