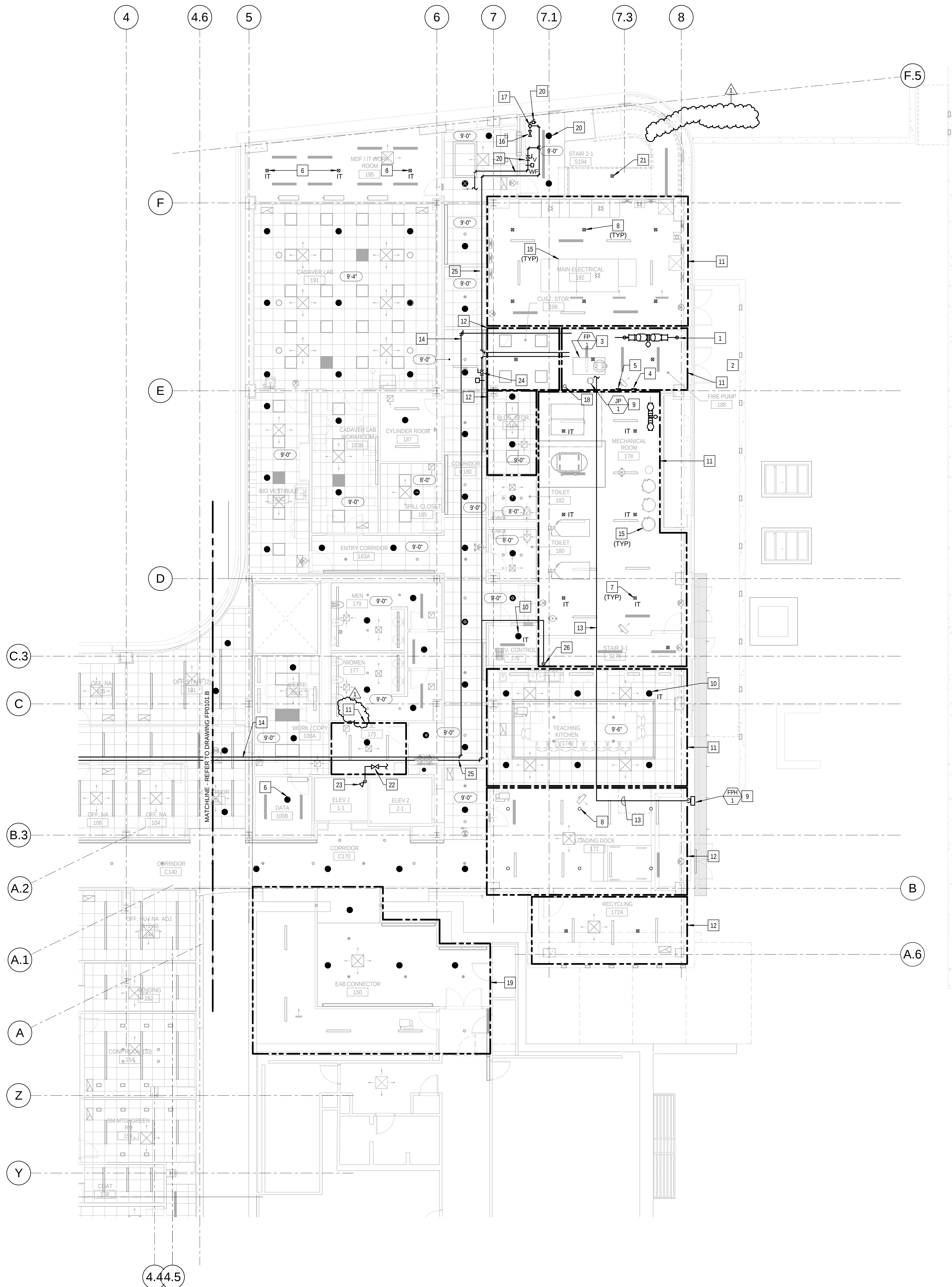




1 LEVEL 01 AREA A FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"

KEYED NOTES: (THIS SHEET ONLY)

- 8" FIRE SERVICE UP FROM LEVEL 0 BELOW TO 1'-0" ABOVE THE FINISHED FLOOR BY THE PLUMBING CONTRACTOR. FIRE SERVICE IS EXTENDED FROM COMBINATION FIRE/DOMESTIC WATER SERVICE. FIRE SUPPRESSION CONTRACTOR TO CONTINUE FROM THAT POINT. COORDINATE INSTALLATION WITH THE PLUMBING CONTRACTOR.
- FIRE SERVICE BACKFLOW PREVENTER, SUPPORT FROM FLOOR ON A FIELD OR SHOP FABRICATED STEEL FRAME DESIGNED TO PROVIDE FULL SUPPORT TO THE BACKFLOW PREVENTER ASSEMBLY.
- FIRE PUMP TO SET ON 4 INCH CONCRETE HOUSEKEEPING PAD. POSITION ASSEMBLY WITHIN THE FIRE PUMP ROOM TO PROVIDE THE MAXIMUM ACCESS AND CLEARANCES. ALL PIPING IS TO BE HUNG SUPPORTED INDEPENDENTLY OF THE PUMP. REFER TO SPECIFICATION SECTION 213313 - ELECTRIC DRIVE, CENTRIFUGAL FIRE PUMPS.
- FLOOR MOUNTED FIRE PUMP CONTROLLER CABINET, WITH INTEGRAL AUTOMATIC TRANSFER SWITCH. COORDINATE LOCATION AND INSTALLATION WITH THE FINAL ROOM LAYOUT AND THE ELECTRICAL CONTRACTOR. REFER TO SPECIFICATION SECTION 213900 CONTROLLERS FOR FIRE PUMPS.
- WALL MOUNTED JOCKEY PUMP CONTROLLER. CORRDINATE LOCATION AND INSTALLATION WITH THE FINAL ROOM LAYOUT AND THE ELECTRICAL CONTRACTOR. REFER TO SPECIFICATION SECTION 213900 CONTROLLERS FOR FIRE PUMPS.
- PROVIDE SPRINKLER HEADS IN THIS SPACE RATED FOR A TEMPERATURE OF 200 DEGREES F, OR GREATER. COORDINATE PLACEMENT AND INSTALLATION WITH EQUIPMENT OVERHEAD CABLE TRAY AND RACEWAYS. TYPICAL FOR ALL ROOMS WITH A SIMILAR OCCUPANCY/USE.
- PROVIDE SPRINKLER HEADS IN THIS SPACE RATED FOR THE INTERMEDIATE TEMPERATURE OR HIGH TEMPERATURE RANGE AS REQUIRED. COORDINATE PLACEMENT AND INSTALLATION WITH EQUIPMENT, OVERHEAD PIPING AND RACEWAYS.
- COORDINATE LOCATION OF SPRINKLERS IN THIS ROOM WITH THE ELECTRICAL EQUIPMENT AND OVERHEAD RACEWAYS. HOLD PIPING AS HIGH AS POSSIBLE. PROVIDE INTERMEDIATE RATED TEMPERATURE SPRINKLER HEAD.
- FIRE PUMP TEST HEADER, FLUSH MOUNTED, FOUR-WAY OUTLET. VERIFY EXACT PLACEMENT PRIOR TO ROUGH-IN.
- PROVIDE INTERMEDIATE TEMPERATURE SPRINKLER HEAD AT THIS LOCATION.
- THIS SPACE IS DESIGNATED AS ORDINARY HAZARD, GROUP 1.
- THIS SPACE IS DESIGNATED AS ORDINARY HAZARD, GROUP 2.
- COORDINATE THE INSTALLATION OF THE 6" FIRE PUMP TEST PIPING WITH THE SPACE CONDITIONS AS IT PASSES THROUGH EACH ROOM OR SPACE. HOLD PIPING AS HIGH AS POSSIBLE. PITCH PIPING TO DRAIN.
- FIRE SERVICE PIPE FROM FIRE DEPARTMENT CONNECTION. ROUTE 6" PIPE ABOVE THE CORRIDOR CEILING, AS HIGH AS POSSIBLE. COORDINATE ROUTING AND INSTALLATION WITH OTHER TRADES. PITCH PIPING TO DRAIN. PROVIDE CAPPED HOSE END DRAIN VALVES AS REQUIRED FOR LOW SPOTS IN THE RUN.
- EQUIPMENT IS SHOWN FOR REFERENCE AND COORDINATION. REFER TO THE RESPECTIVE TRADES PLANS FOR FINAL COORDINATION.
- EXPOSED 2.5 INCH ANGLE FIRE DEPARTMENT HOSE VALVE, WITH CAP AND CHAIN.
- FIRE SERVICE RISER TO SERVE FLOORS ABOVE WITH SUPPLY RISER.
- FIRE SPRINKLER PIPE DOWN THROUGH FLOOR TO LEVEL 0. REFER TO DRAWING FP0100.A FOR CONTINUATION.
- THE CONTRACTOR SHALL FIELD INVESTIGATE THE EXISTING CONDITIONS OF ALL AREAS OF THE TRANSITION CONNECTOR BETWEEN THE NEW AND EXISTING BUILDING. THIS AREA/SPACE IS TO BE FULLY PROTECTED BY SPRINKLERS AS REQUIRED. EXTEND THE SPRINKLER SYSTEM FROM THIS PROJECT TO SERVICE THE TRANSITION AREA. EXISTING OR NEW ROOMS/SPACES CREATED OR MODIFIED IN THE EXISTING BUILDING ARE TO BE SERVED FROM THE SPRINKLER SYSTEM OF THAT BUILDING. COORDINATE ALL WORK IN THE EXISTING BUILDING WITH FACILITIES.
- FIRE SPRINKLER PIPE TO EXTEND TO SERVE THIS LEVEL. PROVIDE MONITORED FLOOR ZONE VALVE AND WATER FLOW SWITCH REFER TO DRAWING FP0501.D DETAIL 3 FOR PIPING CONFIGURATION AND REQUIREMENTS. PROVIDE ACCESS PANEL IN CEILING AS REQUIRED.
- PROVIDE SPRINKLER HEAD WITH CAGE GUARD BELOW STAND.
- MONITORED ISOLATION VALVE ABOVE CEILING.
- PROVIDE SIDEWALL SPRINKLER HEAD WITH GUARD CAGE WITHIN ELEVATOR HOISTWAY. MOUNT SPRINKLER HEAD WITHIN 2'-0" OF THE HOISTWAY FLOOR. COORDINATE LOCATION WITH THE GENERAL CONTRACTOR.
- FIRE SERVICE PIPING TO EXTEND TO SERVE THE STANDPIPE SYSTEM IN STAIR 1, ON ALL LEVELS. PROVIDE MONITORED CONTROL VALVE AND WATER FLOW SWITCH AT THIS LEVEL.
- ROUTE PIPING FOR STANDPIPE ABOVE THE CORRIDOR CEILING AS HIGH AS POSSIBLE. COORDINATE ROUTING AND INSTALLATION WITH OTHER TRADES. PROVIDE CAPPED HOSE END DRAIN VALVES AS REQUIRED FOR LOW SPOTS IN THE RUN.
- EXTEND STANDPIPE PIPING DOWN TO FIRE DEPARTMENT HOSE VALVE AT BOTTOM OF STAIR.
- PRESSURE MAINTENANCE PUMP TO SET ON 4 INCH HIGH CONCRETE PAD. POSITION ASSEMBLY FOR MAXIMUM ACCESSIBILITY. REFER TO SPECIFICATIN SECTION 213400 - PRESSURE MAINTENANCE PUMPS.
- INSTALL HOSE IND DRAIN VALVE AT BASE OF DRAIN RISER FOR LEVEL 1 DRAINAGE.

