1. FIRE PROTECTION WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE BUILDING CODE, LOCAL AMENDMENTS, ALL APPLICABLE PROVISIONS OF THE CODE AND THE REFERENCED NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS AND SPECIFICATIONS.

2. IF APPLICABLE, CHAMBERS SHALL BE Installed IN ACCORDANCE WITH THE INSTRUCTIONS OF A SPRINKLER CONTRACTOR LICENSED BY THE STATE AND EXPERIENCED IN THE INSTALLATION OF SPRINKLER SYSTEMS.

3. GET FOR ALL PRINTS AND PAY ALL FEES ASSOCIATED WITH THE WORK PRIOR TO INSTALLATION.

4. SPRINKLER MAINS AND RISERS SHALL BE SECURED AND SUPPORTED AT INTERSECTIONS OF LINES AND AT AN INTERVAL OF 6 FEET OR LESS TO AVOID DISLOCATIONS.

5. SPRINKLER SYSTEMS SHALL INCLUDE A FLOW CALCULATION FOR EACH SPRINKLER HEAD. SPRINKLER SYSTEMS SHALL BE DESIGNATED ACCORDING TO THE DESIGN CRITERIA SPECIFIED.

6. IN ADDITION TO REVIEWING AND COORDINATING WITH THE OTHER TRADES (CIVIL, STRUCTURAL, MECHANICAL), THE CONTRACTOR SHALL PRODUCE A COMPLETE SET OF WORKING PLANS IN ACCORDANCE WITH NFPA 13. THE INSTALLATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD.

7. FURNISH AND INSTALL ALL NECESSARY PIPING EQUIPMENT SUPPORTS AND ANY EQUIPMENT NOT SHOWN ON DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS BUT NECESSARY TO PROVIDE A COMPLETE AND WORKABLE SYSTEM SHALL BE SUBMITTED TO THE LOCAL AUTHORITY AND OWNER'S UNDERWRITER FOR APPROVAL.

8. PROVIDE ACCESS TO ALL EQUIPMENT REQUIRING PERIODIC SERVICE AND MAINTENANCE.

9. FURNISH ACCESS PANELS TO THE GENERAL CONTRACTOR FOR INSTALLATION UNDER THE RELATED TRADES.

10. ALL VALVES CONTROLLING FIRE PROTECTION MAINS SHALL BE PROVIDED WITH TAMPER/SUPERVISORY DEVICES AND INSTRUMENTATION. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL DESIGNER FOR LOCATIONS AND NATURE OF ALL SUPPLEMENTARY DEVICES AND INSTRUMENTATION OF FIRE STOPPING SHALL BE IN CONFORMITY WITH NFPA 13.


12. ALL VALVES CONTROLLING FIRE PROTECTION MAINS SHALL BE PROVIDED WITH TAMPER/SUPERVISORY DEVICES AND INSTRUMENTATION. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL DESIGNER FOR LOCATIONS AND NATURE OF ALL SUPPLEMENTARY DEVICES AND INSTRUMENTATION OF FIRE STOPPING SHALL BE IN CONFORMITY WITH NFPA 13.


NOTES:

1. PROVIDE IN-DUCT SPRINKLER COVERAGE IN PAINT BOOTH EXHAUST DUCTWORK.
   SPRINKLERS SHALL BE CORROSION RESISTANT AND BAGGED.
   SPRINKLERS SHALL BE SPACED MAX. 10'-0" APART.
   ACCESS DOORS SHALL PROVIDE DIRECT ACCESS TO EACH SPRINKLER HEAD FOR MAINTENANCE.
   REFER TO DETAIL F860 ON FRP-002.

2 1/2" SPR DROP TO SUPERVISED BUTTERFLY VALVE APPROX. 4'-6" AFF;
   PROVIDE LOW POINT DRAIN

1 1/2" SPR UP; SEE NOTE 1 THIS SHEET

AREA:

DENSITY:

HAZARD:

HEADS FLOWING:

SPRINKLER DEMAND:

HOSE ALLOWANCE:

TOTAL:

SAFETY FACTOR:

ADDITIONAL INFO:

HYDRAULIC DESIGN DATA:

FM HC-3

0.50 GPM/SF

4,000 SF

54

2853

500 GPM

3353

@ 58 PSI

15 PSI

SLOPED CLNG W/CLNG >30 FT

NOTES:

File Name: Plotted: 1/8" = 1'-0"

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
REPAIR FACILITY
ROCKY HILL
FIRE PROTECTION - PART PLAN G

DRAWING TITLE
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.
B.1

JOCKEY PUMP CONTROLLER
FIRE PUMP CONTROLLER

115-GALLON DOUBLE WALL FUEL TANK W/ 12" CONCRETE CONTAINMENT CURB.

10" UNDERGROUND FIRE SERVICE TO 5'-0" BEYOND FOUNDATION
4" CHECK VALVE W/ BALL DRIP
8" BUTTERFLY VALVE W/ TS

78HP DIESEL FIRE PUMP
2HP JOCKEY PUMP

NOTE: PART PLAN INTENDED FOR EQUIPMENT LOCATION.
REFER TO DETAIL ON FRP-600 FOR MORE INFORMATION

6-WAY FIRE PUMP TEST HEADER
8" SPR (ZONE 3)
6" D (ZONE 2)
8" SPR (ZONE 1)
4" SPR (ZONE 4)
6" SPR (ZONE 5)
6" SPR (ZONE 6)

8" HEADER WALL-MOUNTED FIRE DEPARTMENT CONNECTION

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
REPAIR FACILITY

ROCKY HILL
FIRE PROTECTION PART PLAN

MPFP_CTDOT_Rocky Hill Repair Facility_Connecticut.rvt

1/4" = 1'-0"