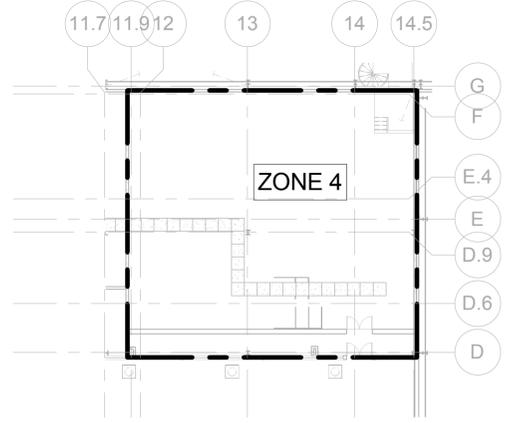
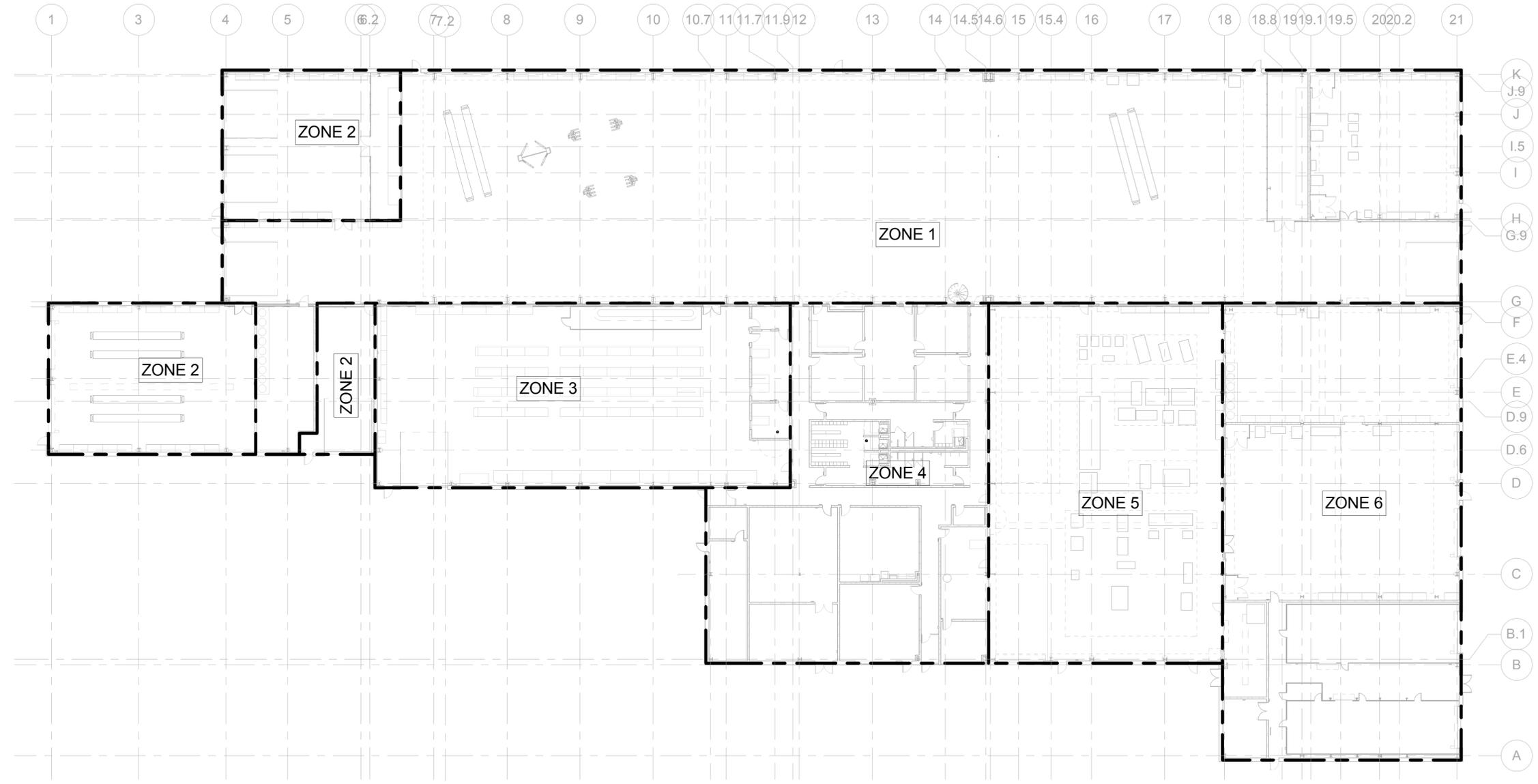


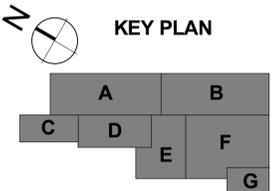
3 FIRE PROTECTION - PAINT BAYS ZONE PART PLAN
SCALE: 3/64" = 1'-0"



2 FIRE PROTECTION - EQUIPMENT PLATFORM ZONE PLAN
SCALE: 3/64" = 1'-0"



1 FIRE PROTECTION - ZONE PLAN
SCALE: 3/64" = 1'-0"



NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RHL
CHECKED BY:
RSL
SCALE
3/64" = 1'-0"



SIGNATURE/BLOCK:

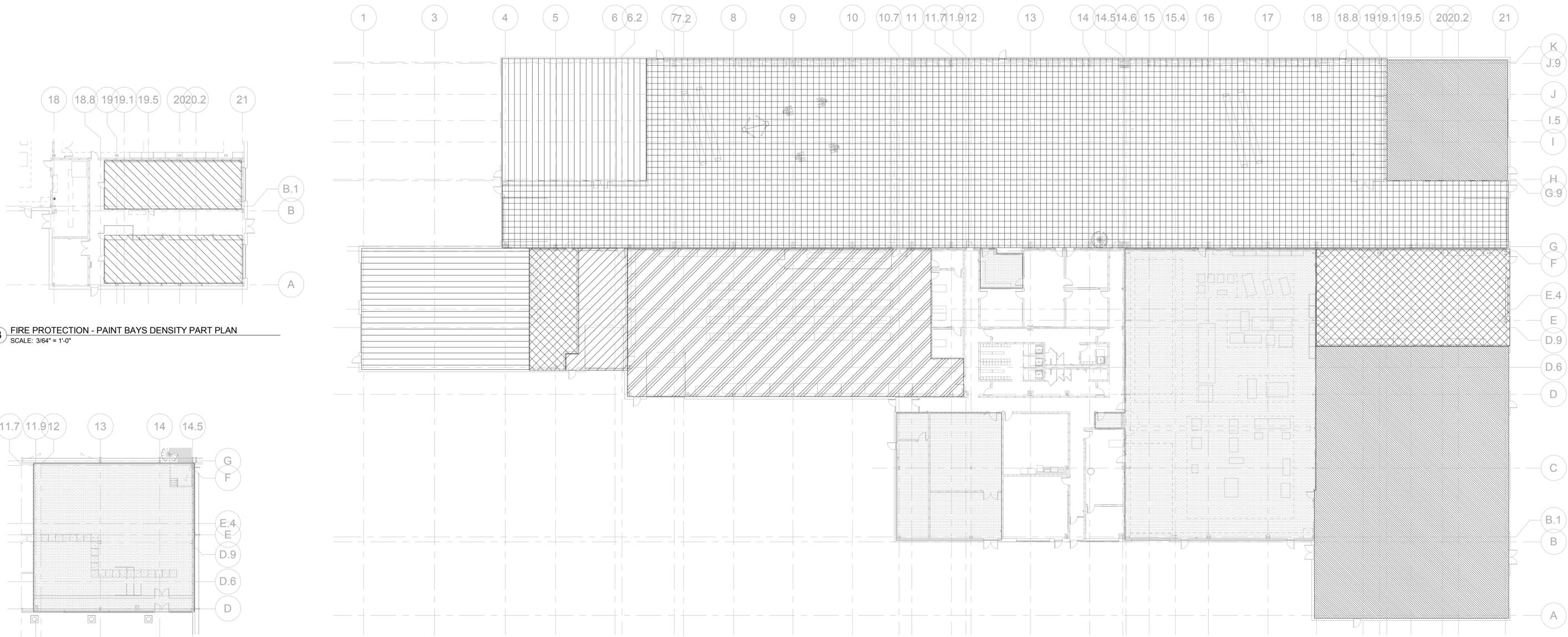
PROJECT TITLE
REPAIR FACILITY

TOWN
ROCKY HILL
DRAWING TITLE
FIRE PROTECTION ZONE PLAN

PROJECT NO.
118-0167
DRAWING NO.
FRP-100
SHEET NO.
08.03

Plotted: 6/9/2014 4:58:58 PM

File Name: MPPP_CTDOT_Rocky Hill Repair Facility_Central.rvt

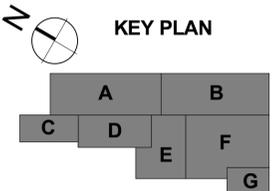


3 FIRE PROTECTION - PAINT BAYS DENSITY PART PLAN
SCALE: 3/64" = 1'-0"

2 FIRE PROTECTION - EQUIPMENT PLATFORM DENSITY PLAN
SCALE: 3/64" = 1'-0"

1 FIRE PROTECTION - DENSITY PLAN
SCALE: 3/64" = 1'-0"

	0.10 GPM/FT ² OVER 1500 FT ² - FM DATA SHEET 3-26 HC-1		0.50 GPM/FT ² OVER 4000 FT ² - FM DATA SHEET 3-26 HC-3 (DRY W/ CEILING HEIGHT > 30FT)
	0.20 GPM/FT ² OVER 2500 FT ² - FM DATA SHEET 3-26 HC-2		0.30 GPM/FT ² OVER 3500 FT ² - FM DATA SHEET 3-26 (DRY)
	0.50 GPM/FT ² OVER 4000 FT ² - FM DATA SHEET 3-26 HC-3 (SLOPED CEILING HEIGHT; CLNG HT > 30 FT)		0.20 GPM/FT ² OVER 3500 FT ² - FM DATA SHEET 3-26 HC-2 (DRY)
	0.30 GPM/FT ² OVER ENTIRE ROOM - FM DATA SHEET 7-32 TABLE 3		0.20 GPM/FT ² OVER 3500 FT ² - FM DATA SHEET HC-2 (SLOPED CEILING; CLNG HT > 30 FT)
	0.60 GPM/FT ² OVER 3000 FT ² - FM DATA SHEET 8-3 TABLE 4		
	0.30 GPM/FT ² OVER ENTIRE BOOTH - FM DATA SHEET 7-27 TABLE 1		



NO.	Revision Description	Date

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.

Plotted: 6/9/2014 5:05:03 PM

DESIGNER/DRAFTER
RHL

CHECKED BY:
RSL

SCALE
3/64" = 1'-0"



SIGNATURE/BLOCK:

PROJECT TITLE
REPAIR FACILITY

TOWN
ROCKY HILL

DRAWING TITLE
FIRE PROTECTION DENSITY PLAN

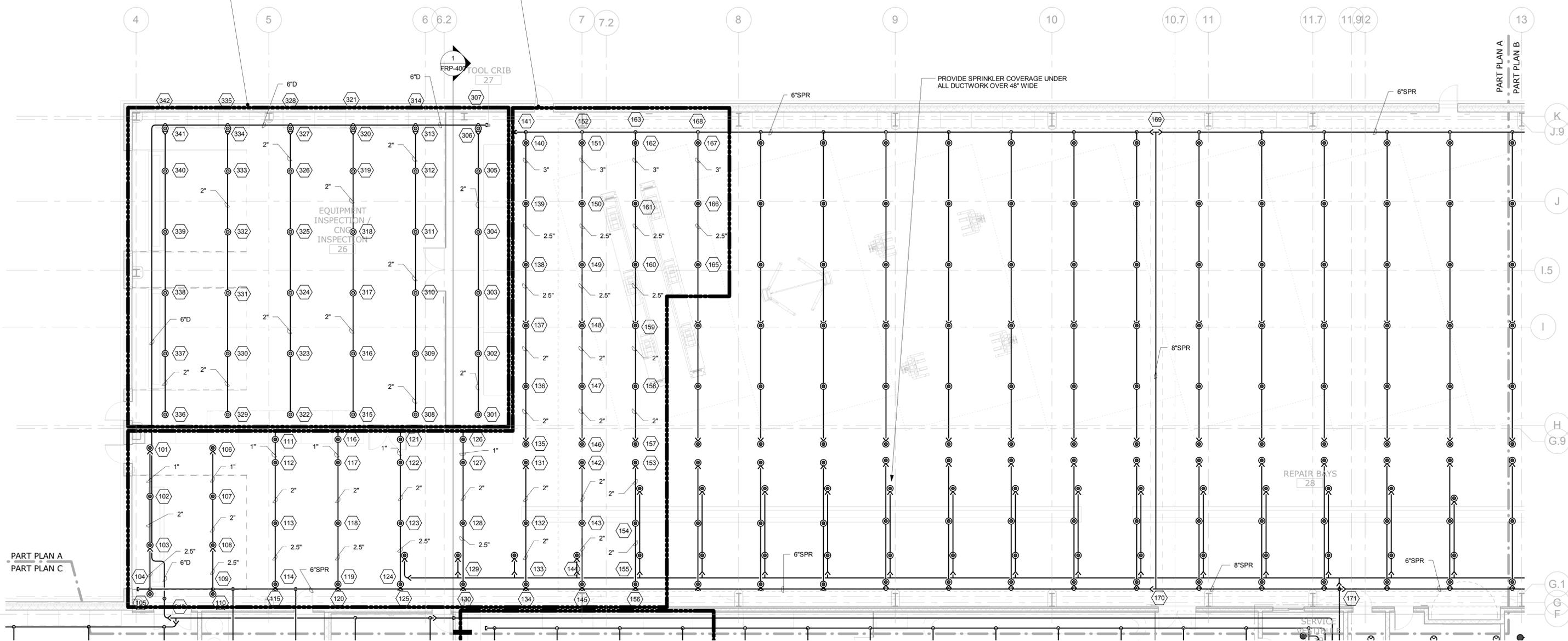
PROJECT NO.
118-0167

DRAWING NO.
FRP-101

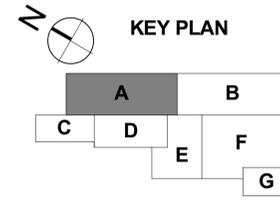
SHEET NO.
08.04

HYDRAULIC DESIGN DATA	
HAZARD:	FM HC-3
DENSITY:	0.50 GPM/SF
AREA:	4,000 SF
HEADS FLOWING:	36
SPRINKLER DEMAND:	2349 GPM
HOSE ALLOWANCE:	500 GPM
TOTAL:	2849
	@ 58 PSI
SAFETY FACTOR:	31 PSI
ADDITIONAL INFO:	DRY SYSTEM W/CLNG >30 FT

HYDRAULIC DESIGN DATA	
HAZARD:	FM HC-2
DENSITY:	0.20 GPM/SF
AREA:	3,500 SF
HEADS FLOWING:	40
SPRINKLER DEMAND:	1531
HOSE ALLOWANCE:	500 GPM
TOTAL:	2031
	@ 57 PSI
SAFETY FACTOR:	37 PSI
ADDITIONAL INFO:	SLOPED CLNG W/CLNG >30 FT



1 FIRE PROTECTION - PART PLAN A - NORTH REPAIR BAYS
SCALE: 1/8" = 1'-0"



NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RSL
CHECKED BY:
RSL
SCALE
1/8" = 1'-0"

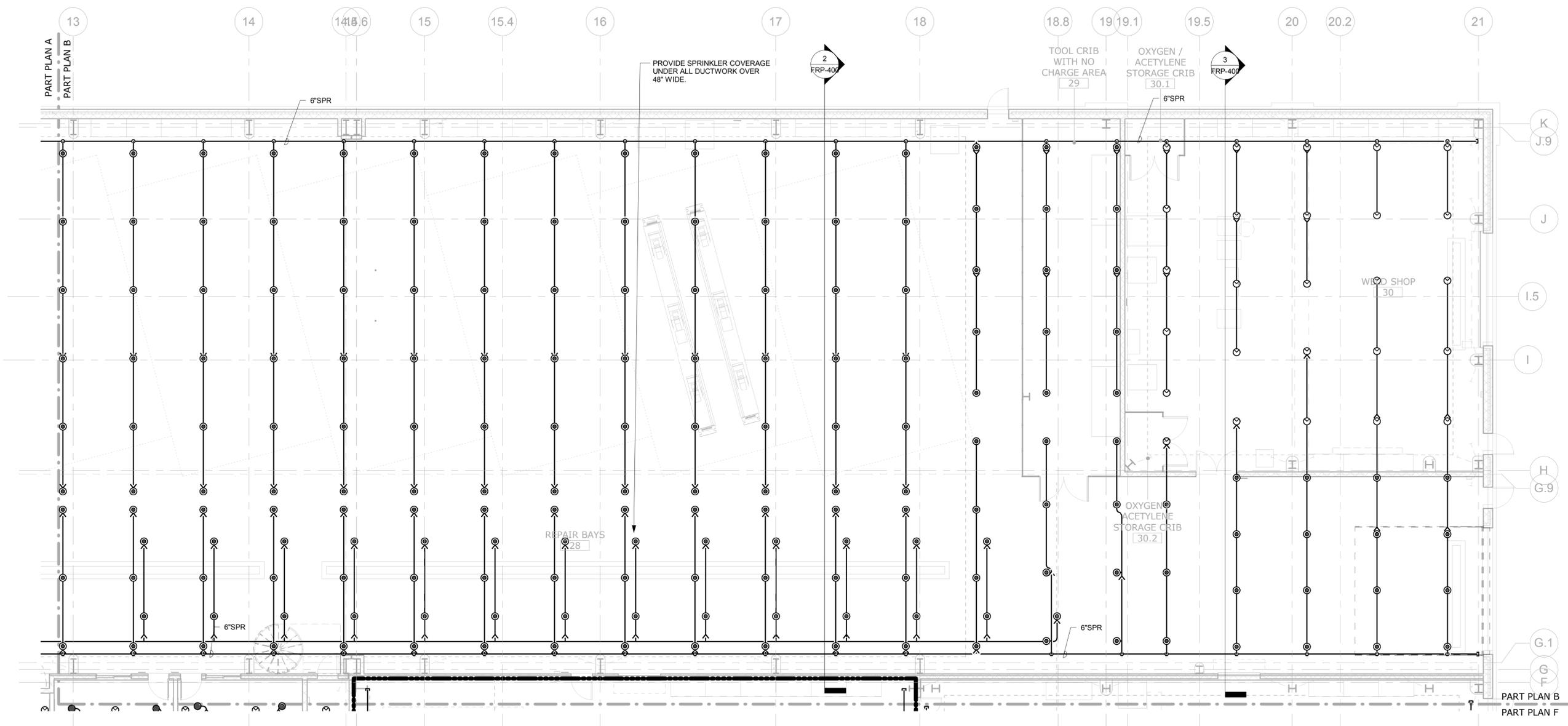


SIGNATURE/BLOCK:

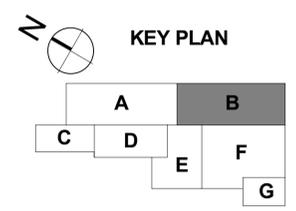
PROJECT TITLE
REPAIR FACILITY

TOWN
ROCKY HILL
DRAWING TITLE
FIRE PROTECTION - PART PLAN A

PROJECT NO.
118-0167
DRAWING NO.
FRP-201
SHEET NO.
08.05



1 FIRE PROTECTION - PART PLAN B - SOUTH REPAIR BAYS
 SCALE: 1/8" = 1'-0"



NO.	Revision Description	Date

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.

Plotted: 6/9/2014 4:59:30 PM

DESIGNER/DRAFTER
RSL

CHECKED BY:
RSL

SCALE
 1/8" = 1'-0"



SIGNATURE/BLOCK:

PROJECT TITLE
REPAIR FACILITY

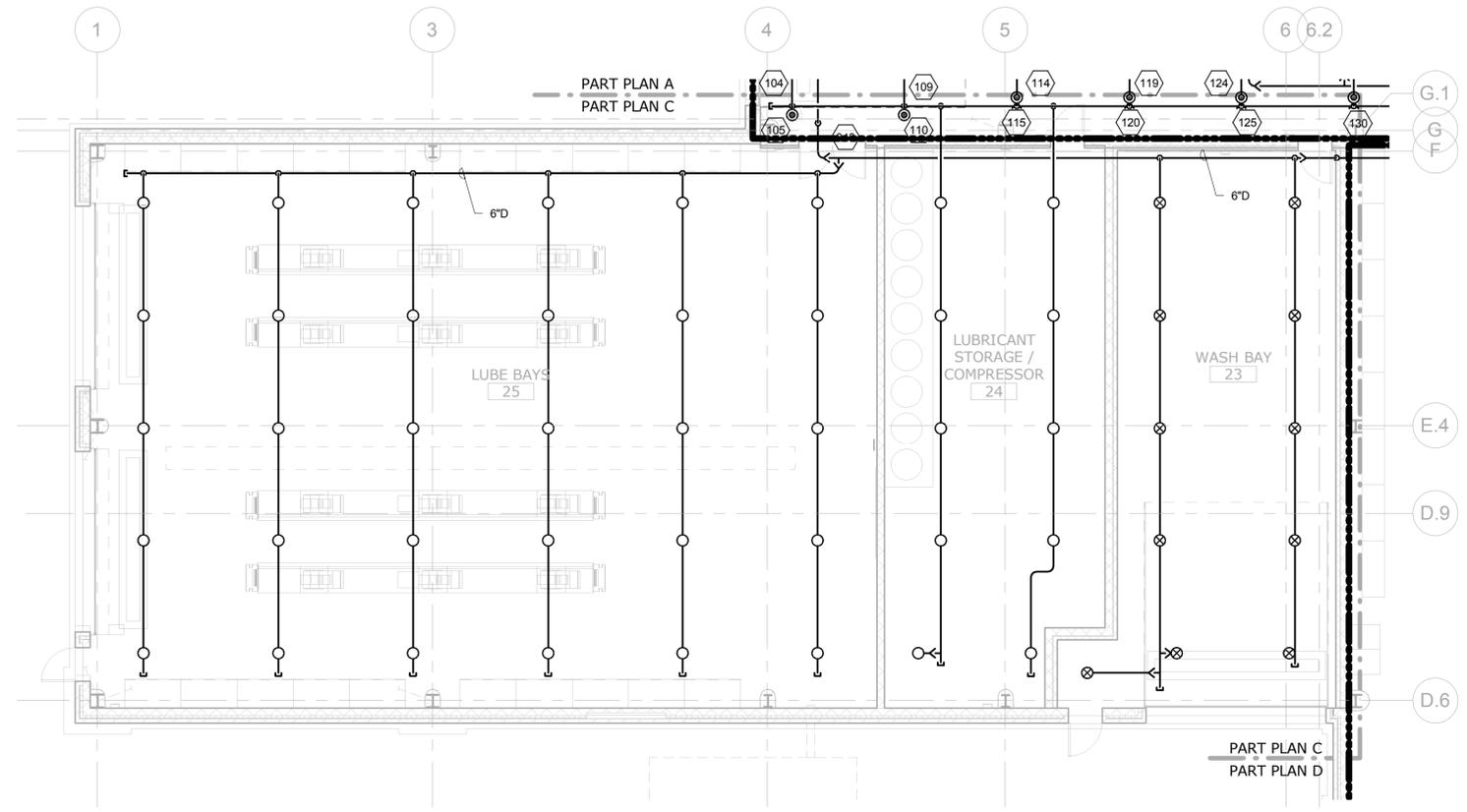
TOWN
ROCKY HILL

DRAWING TITLE
FIRE PROTECTION - PART PLAN B

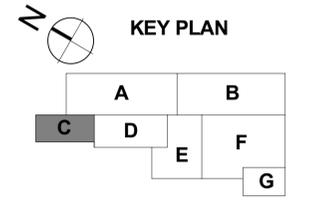
PROJECT NO.
118-0167

DRAWING NO.
FRP-202

SHEET NO.
08.06



1 FIRE PROTECTION - PART PLAN C - LUBE & WASH BAYS
SCALE: 1/8" = 1'-0"



NO.	Revision Description	Date

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.

Plotted: 6/9/2014 4:59:36 PM

DESIGNER/DRAFTER
RSL

CHECKED BY:
RSL

SCALE
1/8" = 1'-0"



SIGNATURE/BLOCK:

PROJECT TITLE
REPAIR FACILITY

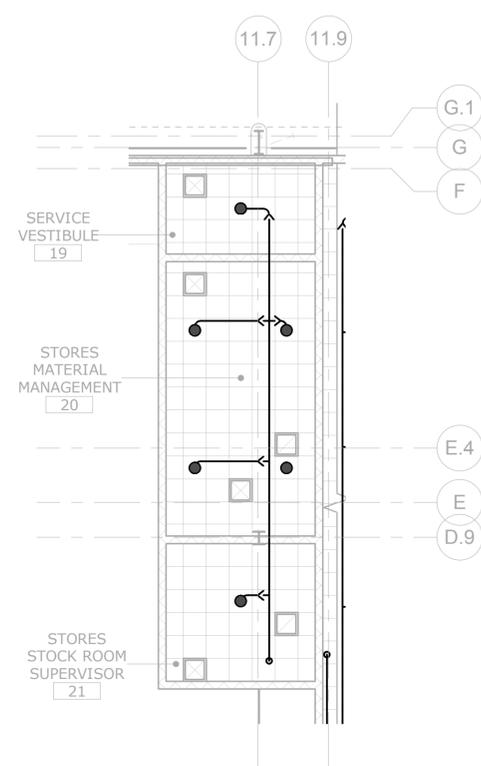
TOWN
ROCKY HILL

DRAWING TITLE
FIRE PROTECTION - PART PLAN C

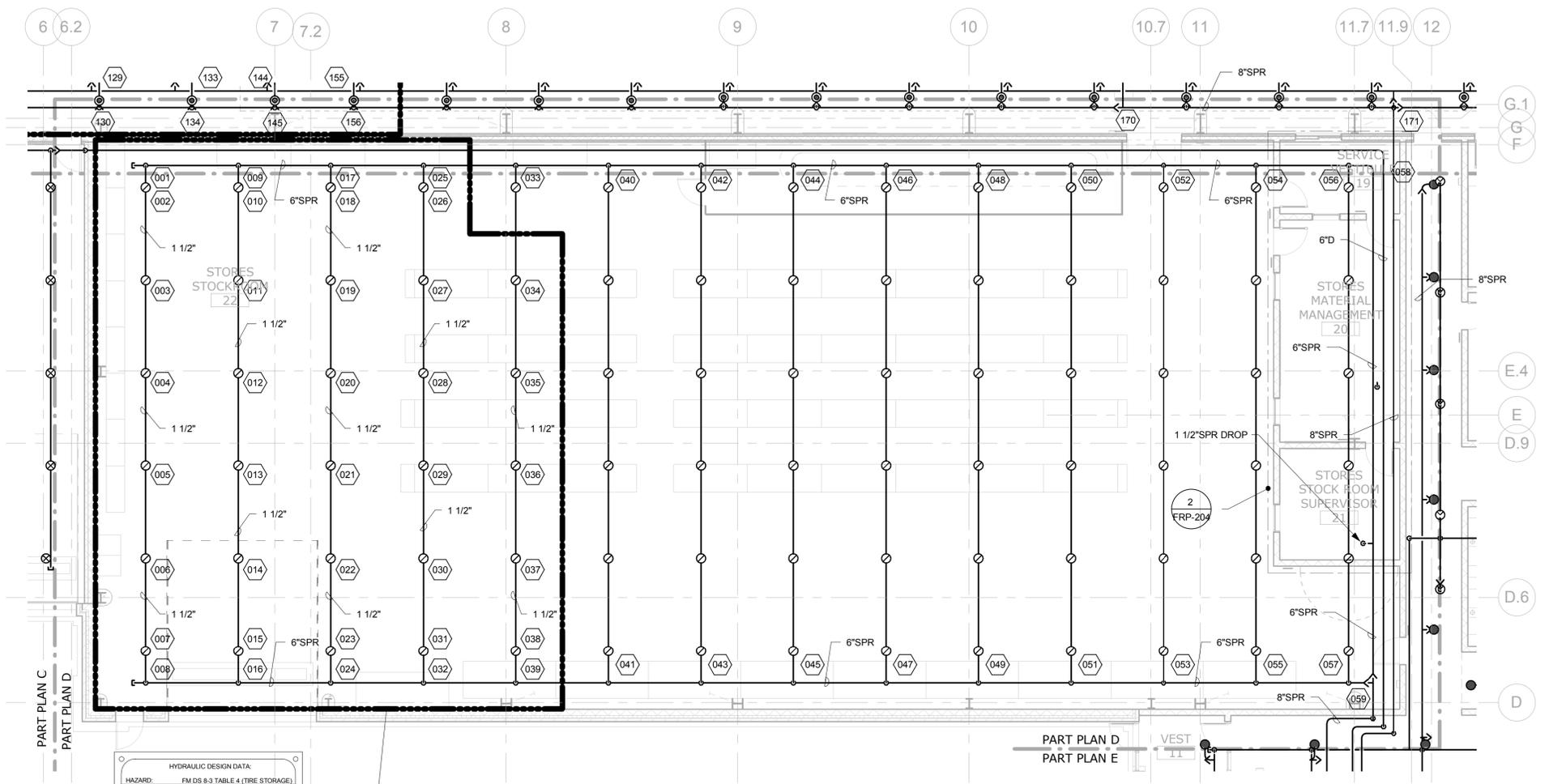
PROJECT NO.
118-0167

DRAWING NO.
FRP-203

SHEET NO.
08.07

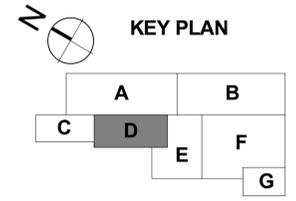


2 FIRE PROTECTION - OFFICES
SCALE: 1/8" = 1'-0"



HYDRAULIC DESIGN DATA:	
HAZARD:	FM DS 8-3 TABLE 4 (TIRE STORAGE)
DENSITY:	0.6 GPM/SF
AREA:	3,000 SF
HEADS FLOWING:	29
SPRINKLER DEMAND:	1,821 GPM
HOSE ALLOWANCE:	500 GPM
TOTAL:	2,321 GPM
SAFETY FACTOR:	27 PSI
ADDITIONAL INFO:	WET PIPE / GRID

1 FIRE PROTECTION - PART PLAN D - STORES
SCALE: 1/8" = 1'-0"



NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RSL
CHECKED BY:
RSL
SCALE
1/8" = 1'-0"



SIGNATURE/BLOCK:
PROJECT TITLE
REPAIR FACILITY

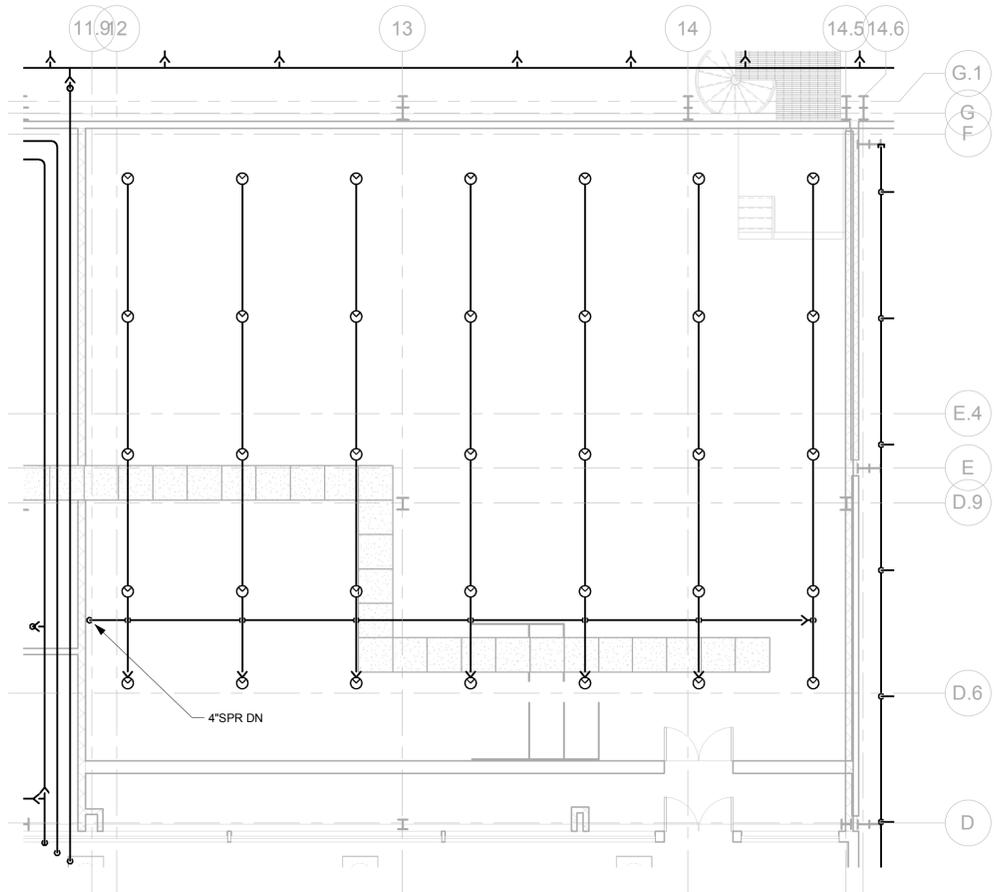
TOWN
ROCKY HILL

DRAWING TITLE
FIRE PROTECTION - PART PLAN D

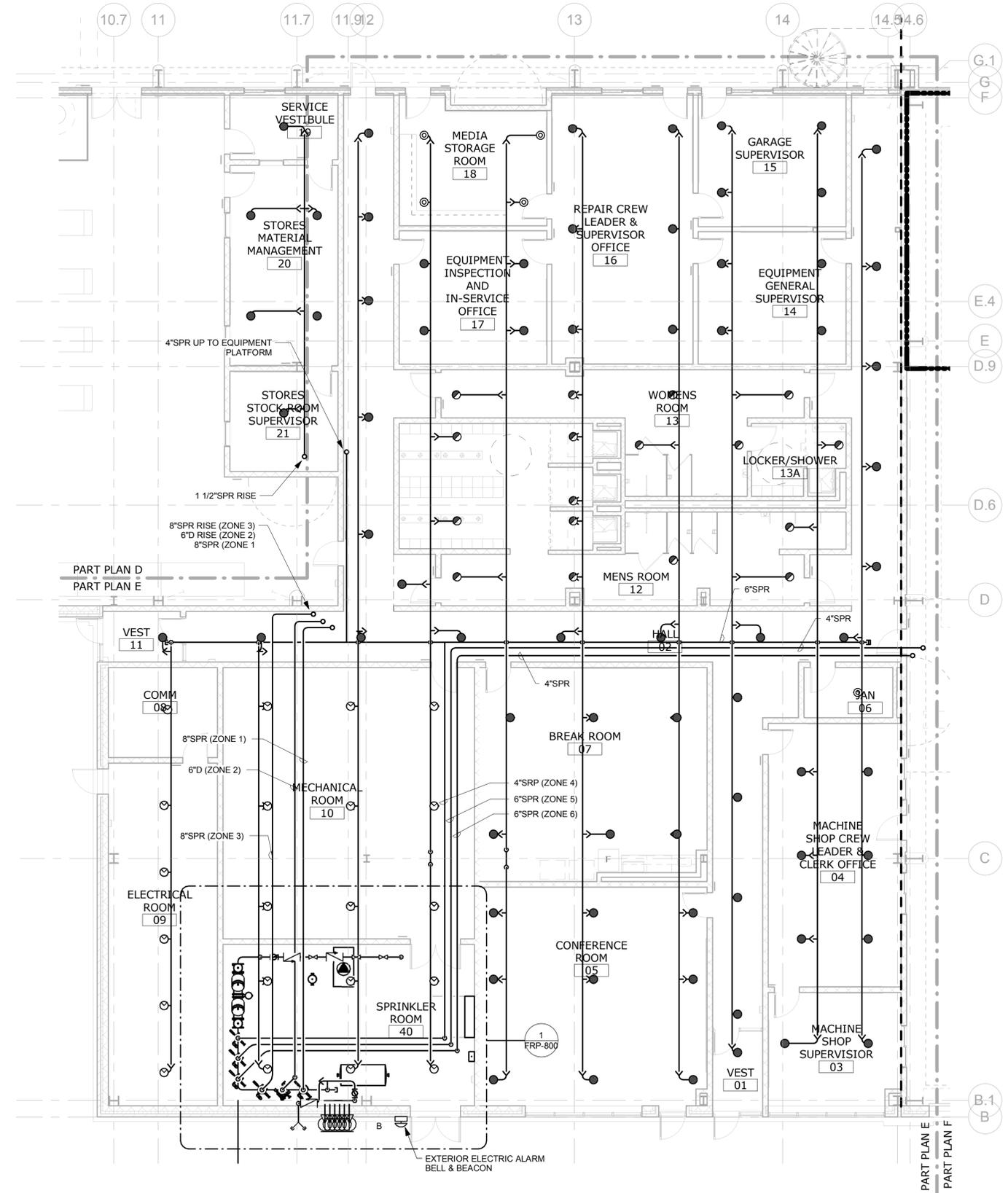
PROJECT NO.
118-0167
DRAWING NO.
FRP-204
SHEET NO.
08.08

Plotted: 6/9/2014 4:59:43 PM

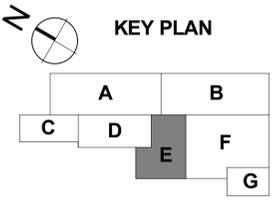
File Name: MPPP_CTDOT_Rocky Hill Repair Facility_Central.rvt



2 FIRE PROTECTION - EQUIPMENT PLATFORM
SCALE: 1/8" = 1'-0"



1 FIRE PROTECTION - PART PLAN E - OFFICE AREA
SCALE: 1/8" = 1'-0"



NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RSL
CHECKED BY:
RSL
SCALE
1/8" = 1'-0"



SIGNATURE/BLOCK:
PROJECT TITLE
REPAIR FACILITY

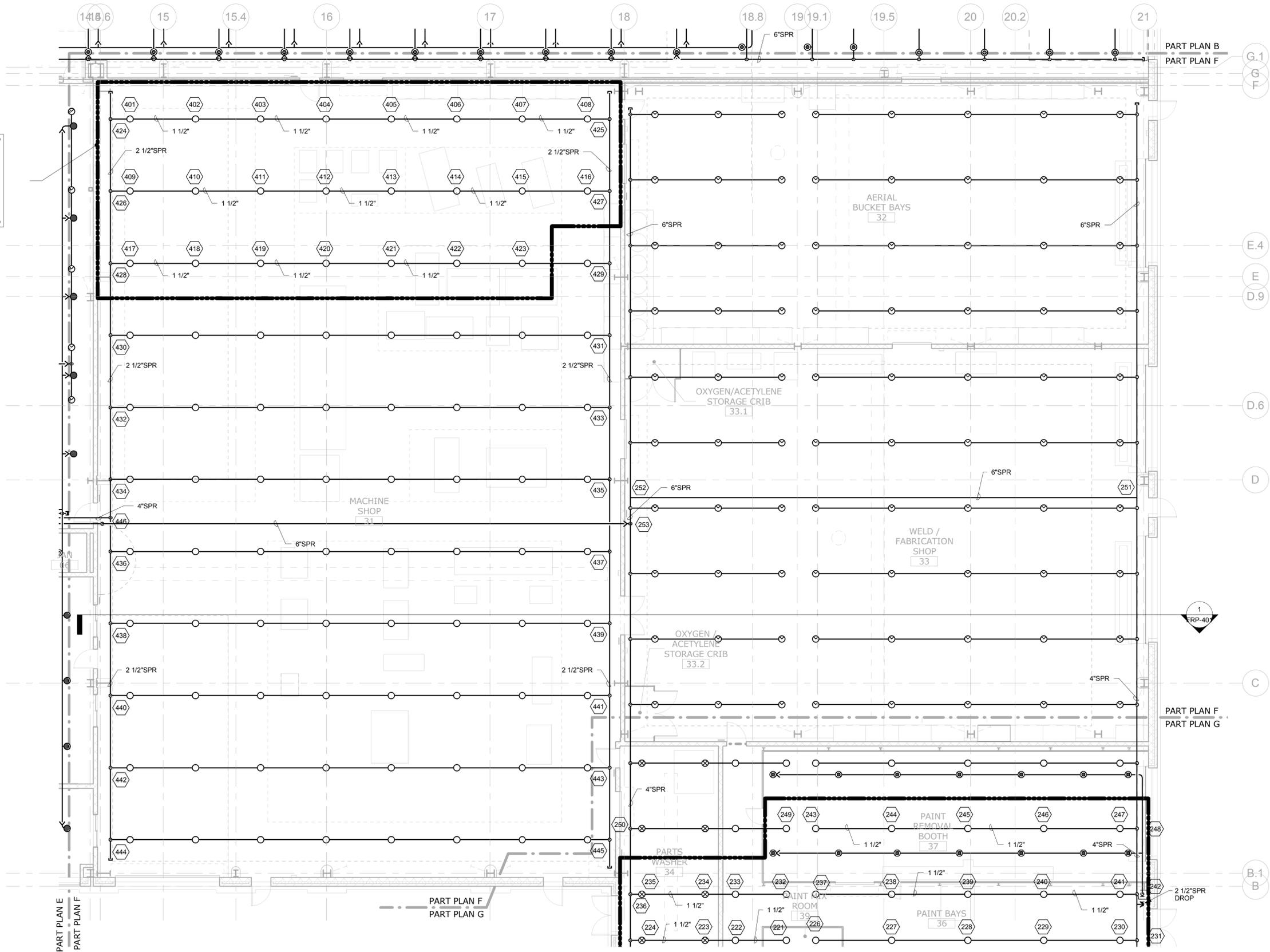
TOWN
ROCKY HILL

PROJECT NO.
118-0167
DRAWING NO.
FRP-205
SHEET NO.
08.09

File Name: MPPP_CTDOT_Rocky Hill Repair Facility_Central.rvt

Plotted: 6/9/2014 4:59:53 PM

HYDRAULIC DESIGN DATA:	
HAZARD:	FM HC-2
DENSITY:	0.20 GPM/SF
AREA:	2,500 SF
HEADS FLOWING:	23
SPRINKLER DEMAND:	727 GPM
HOSE ALLOWANCE:	250 GPM
TOTAL:	977
	77 PSI
SAFETY FACTOR:	25 PSI
ADDITIONAL INFO:	WET PIPE / GRID



1 FIRE PROTECTION - PART PLAN F - MACHINE SHOP
SCALE: 1/8" = 1'-0"

NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RSL
CHECKED BY:
RSL
SCALE
1/8" = 1'-0"



SIGNATURE/BLOCK:

PROJECT TITLE

REPAIR FACILITY

TOWN

ROCKY HILL

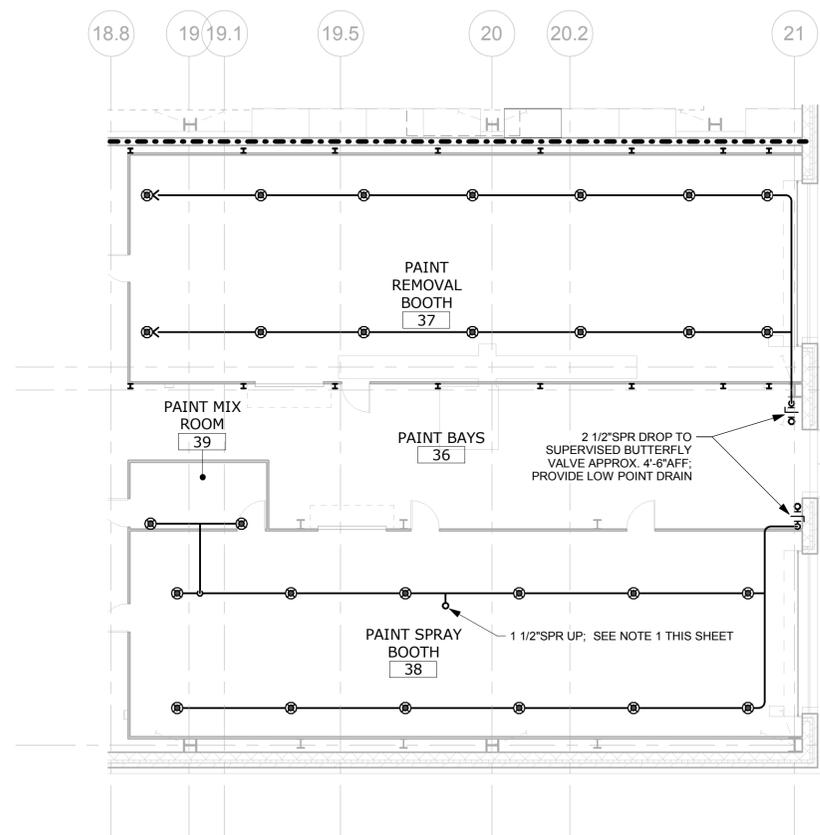
DRAWING TITLE
FIRE PROTECTION - PART PLAN F

PROJECT NO.
118-0167
DRAWING NO.
FRP-206
SHEET NO.
08.10

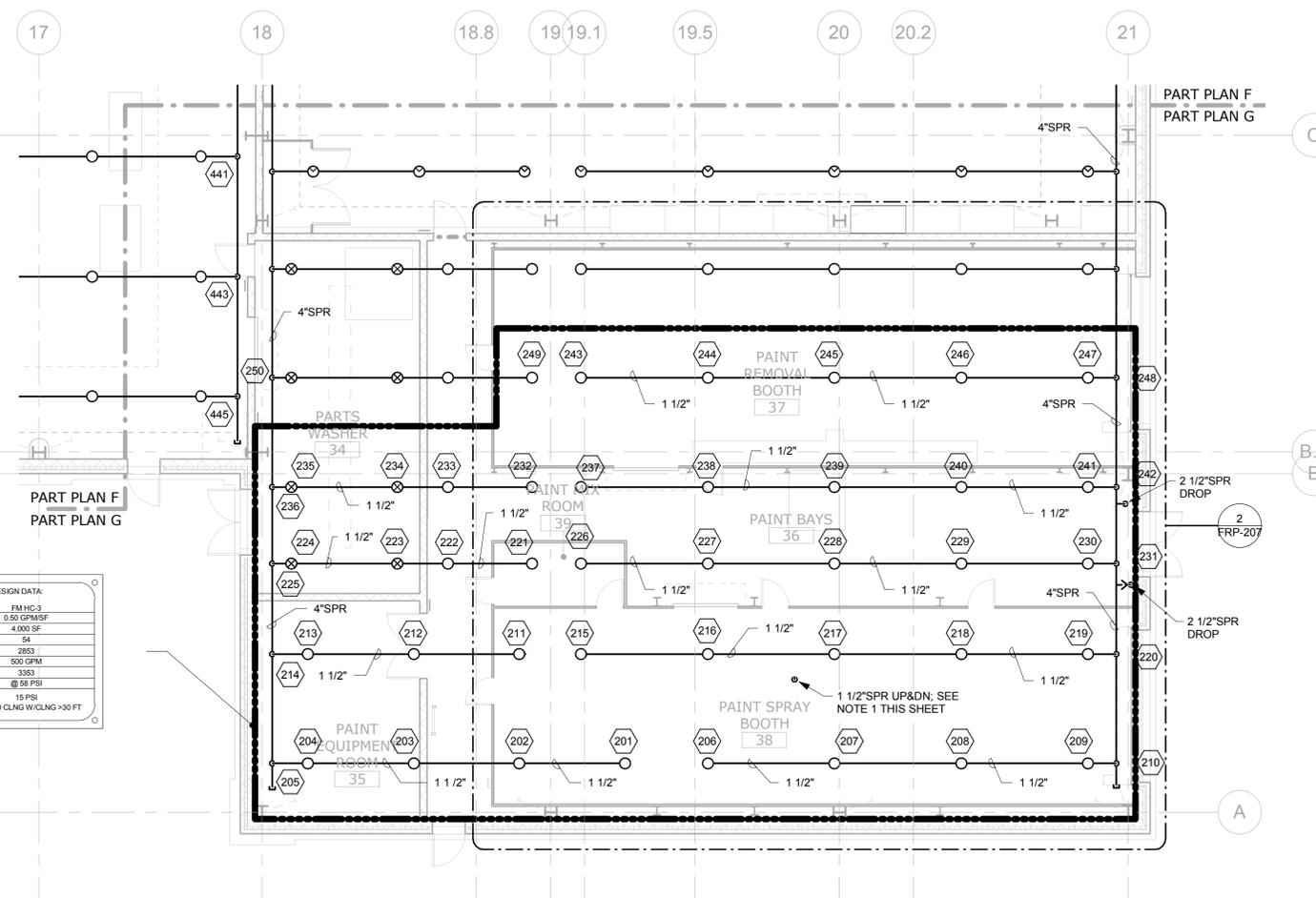
File Name: MPPF_CTDOT_Rocky Hill Repair Facility_Central.rvt

Plotted: 6/9/2014 5:00:03 PM

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

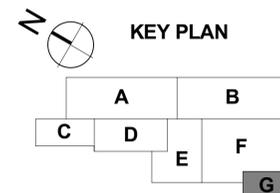


2 FIRE PROTECTION - PAINT BOOTHS
 SCALE: 1/8" = 1'-0"



1 FIRE PROTECTION - PART PLAN G - PAINT AREA
 SCALE: 1/8" = 1'-0"

HYDRAULIC DESIGN DATA:	
HAZARD:	FM HC-3
DENSITY:	0.50 GPM/SF
AREA:	4,000 SF
HEADS FLOWING:	54
SPRINKLER DEMAND:	2853
HOSE ALLOWANCE:	500 GPM
TOTAL:	3353
SAFETY FACTOR:	15 PSI
ADDITIONAL INFO:	SLOPED CLING W/CLING >30 FT



NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RSL
 CHECKED BY:
RSL
 SCALE
 1/8" = 1'-0"



STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

File Name: MPPP_CTDOT_Rocky Hill Repair Facility_Central.rvt

SIGNATURE/BLOCK:

PROJECT TITLE

REPAIR FACILITY

TOWN

ROCKY HILL

DRAWING TITLE
FIRE PROTECTION - PART PLAN G

PROJECT NO.

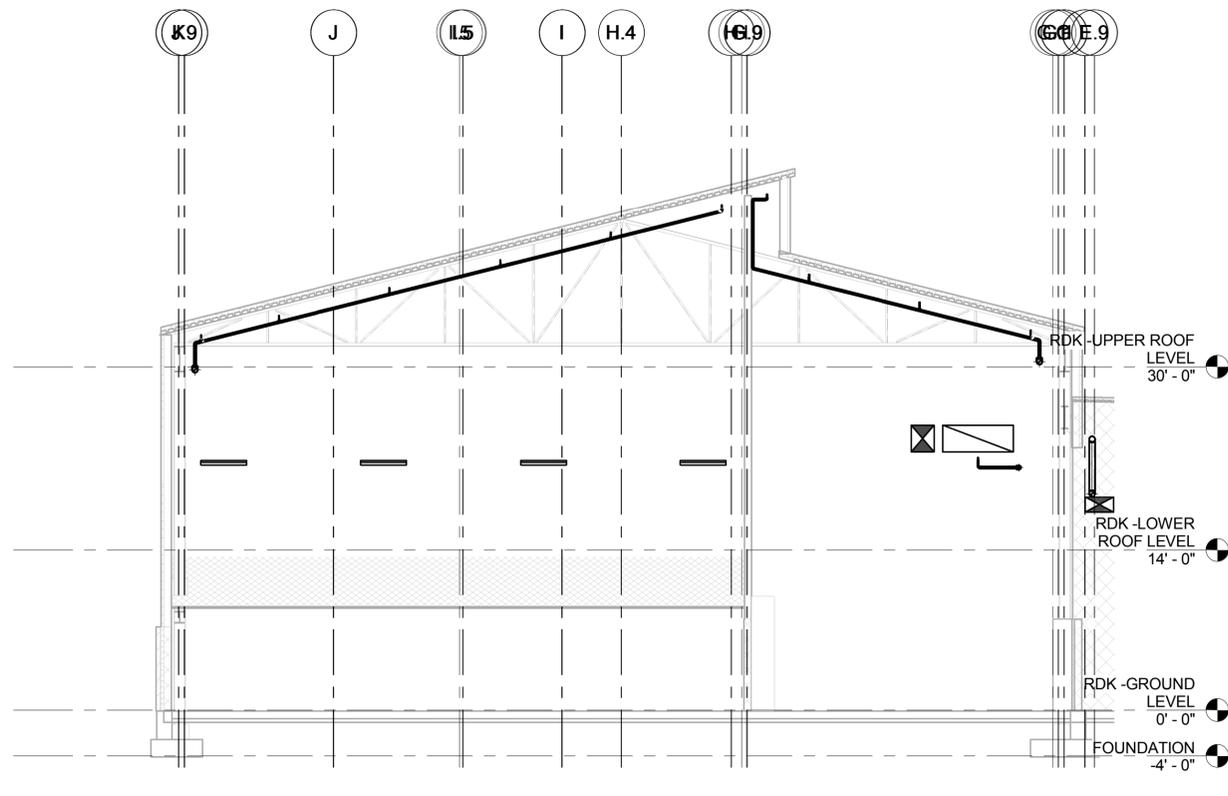
118-0167

DRAWING NO.

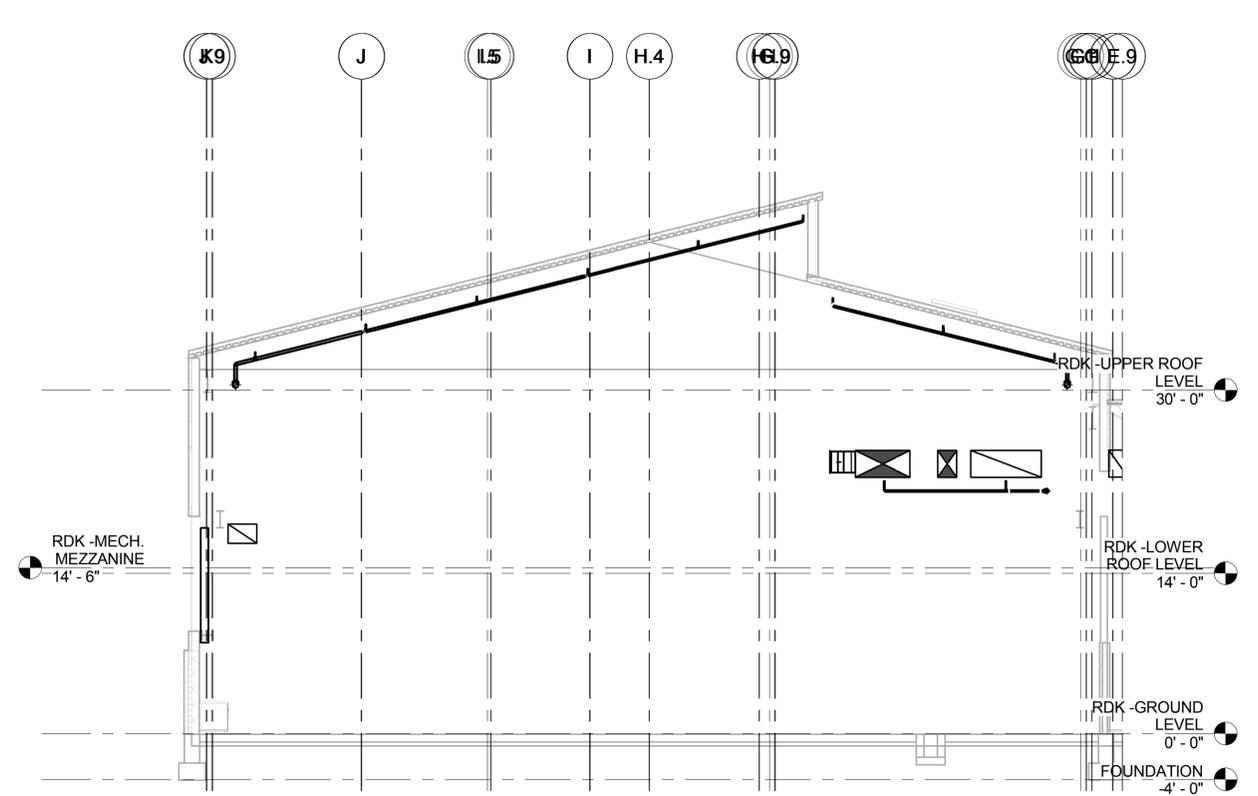
FRP-207

SHEET NO.

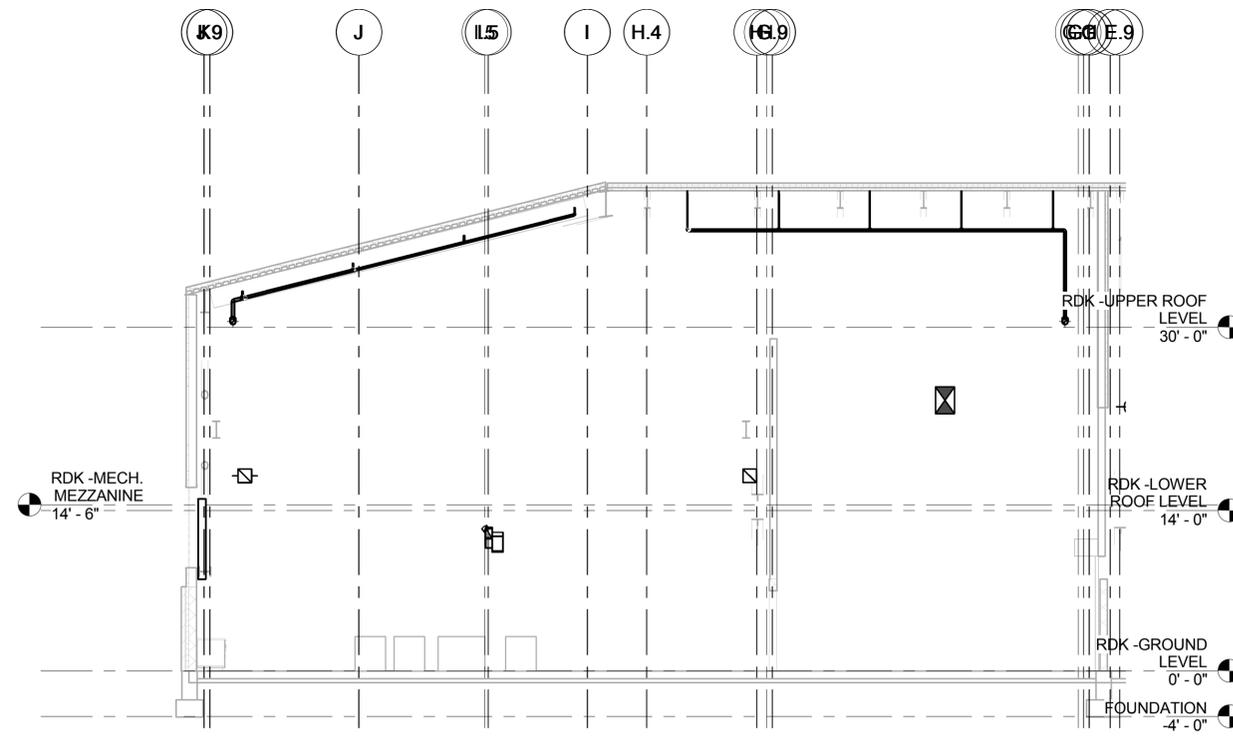
08.11



1 EQUIPMENT INSPECTION/CNG
INSPECTION AND REPAIR BAYS
1/8" = 1'-0"



2 REPAIR BAYS
1/8" = 1'-0"



3 WELD SHOP AND REPAIR BAYS
1/8" = 1'-0"

NO.	Revision Description	Date

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.

DESIGNER/DRAFTER
RHT
CHECKED BY:
RSL
SCALE
1/8" = 1'-0"

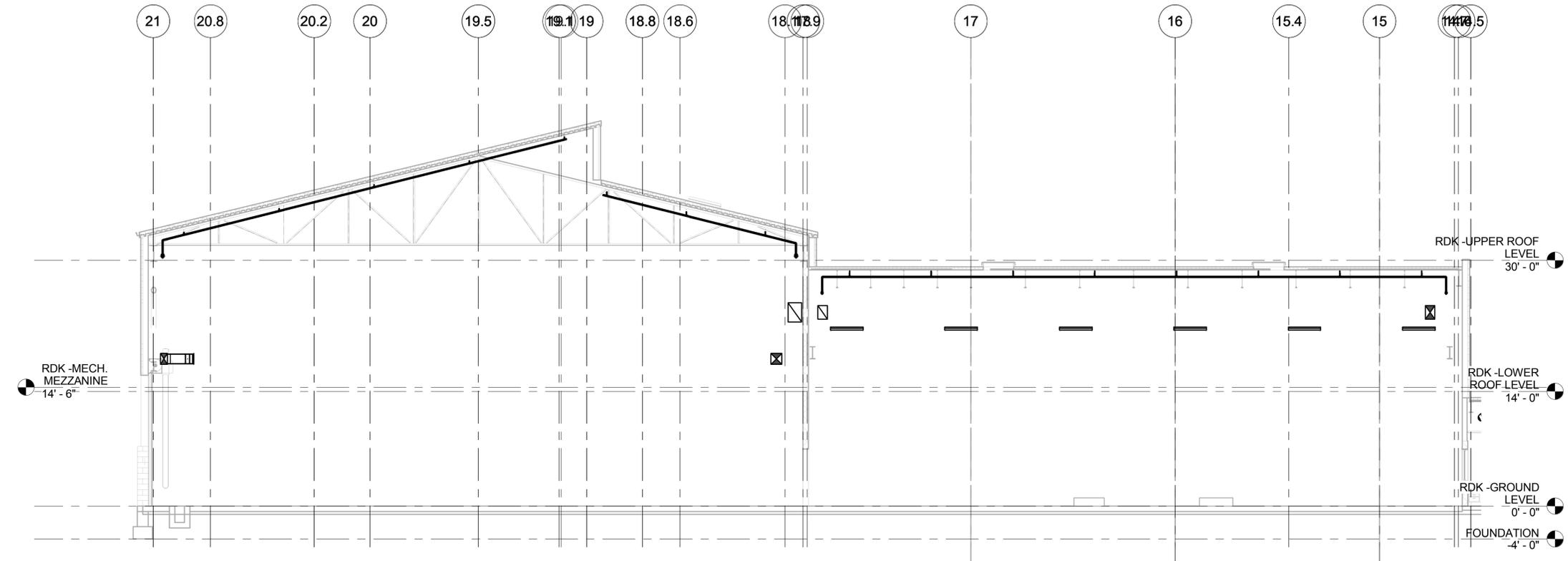


SIGNATURE/BLOCK:

PROJECT TITLE
REPAIR FACILITY

TOWN
ROCKY HILL
DRAWING TITLE
FIRE PROTECTION SECTIONS

PROJECT NO.
118-0167
DRAWING NO.
FRP-400
SHEET NO.
08.12



① MACHINE SHOP AND WELD/FABRICATION SHOP
1/8" = 1'-0"

NO.	Revision Description	Date

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.

Plotted: 6/9/2014 5:00:21 PM

DESIGNER/DRAFTER
RHT

CHECKED BY:
RSL

SCALE
1/8" = 1'-0"



SIGNATURE/BLOCK:

PROJECT TITLE
REPAIR FACILITY

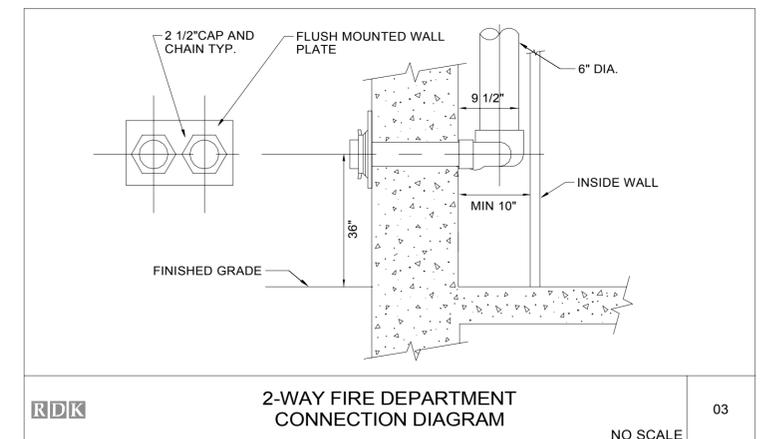
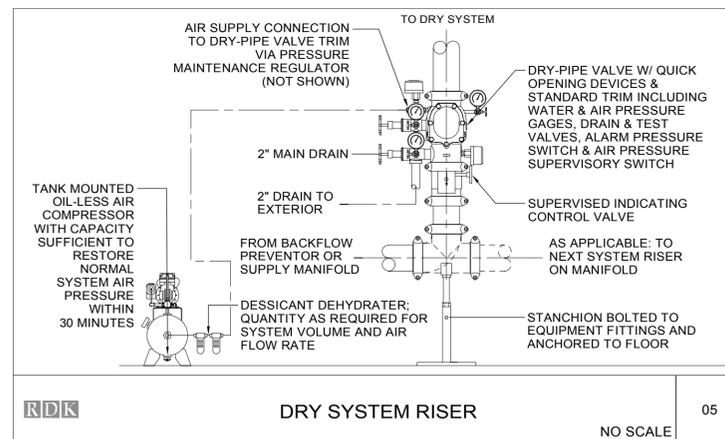
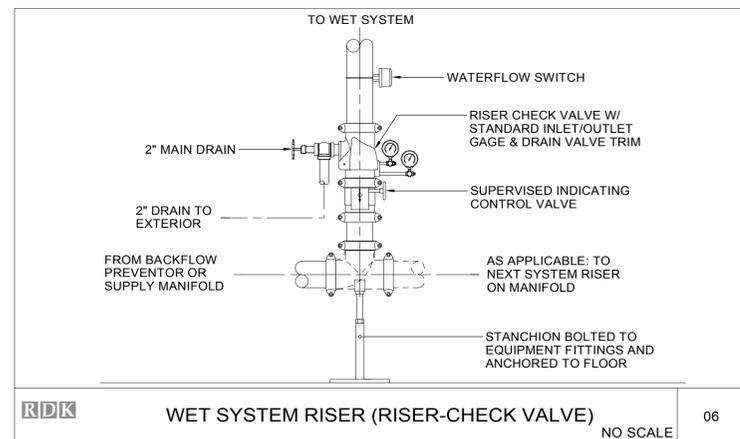
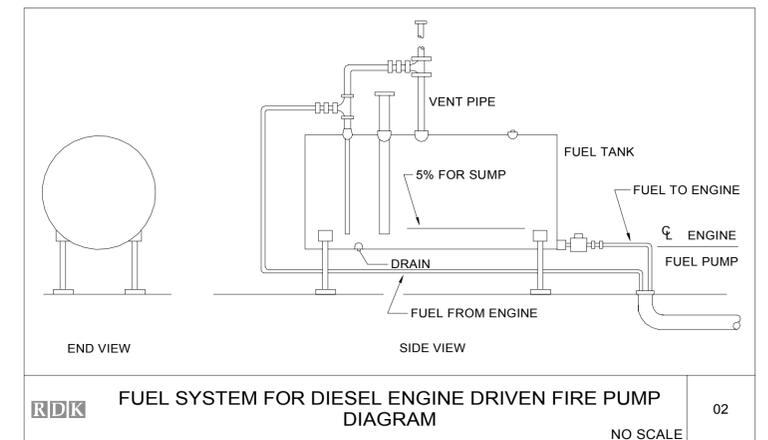
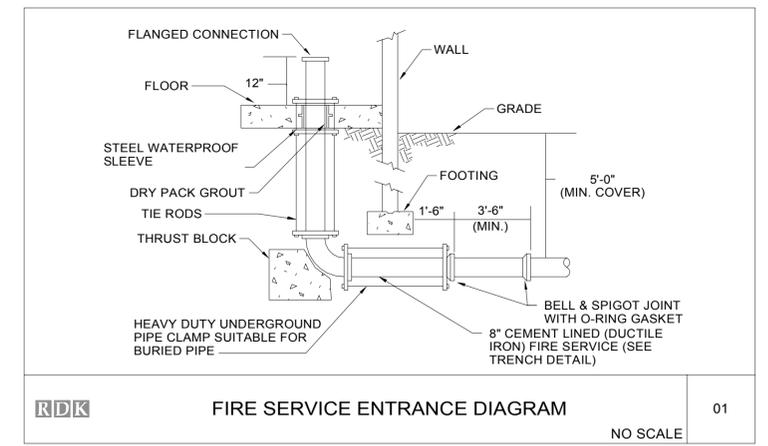
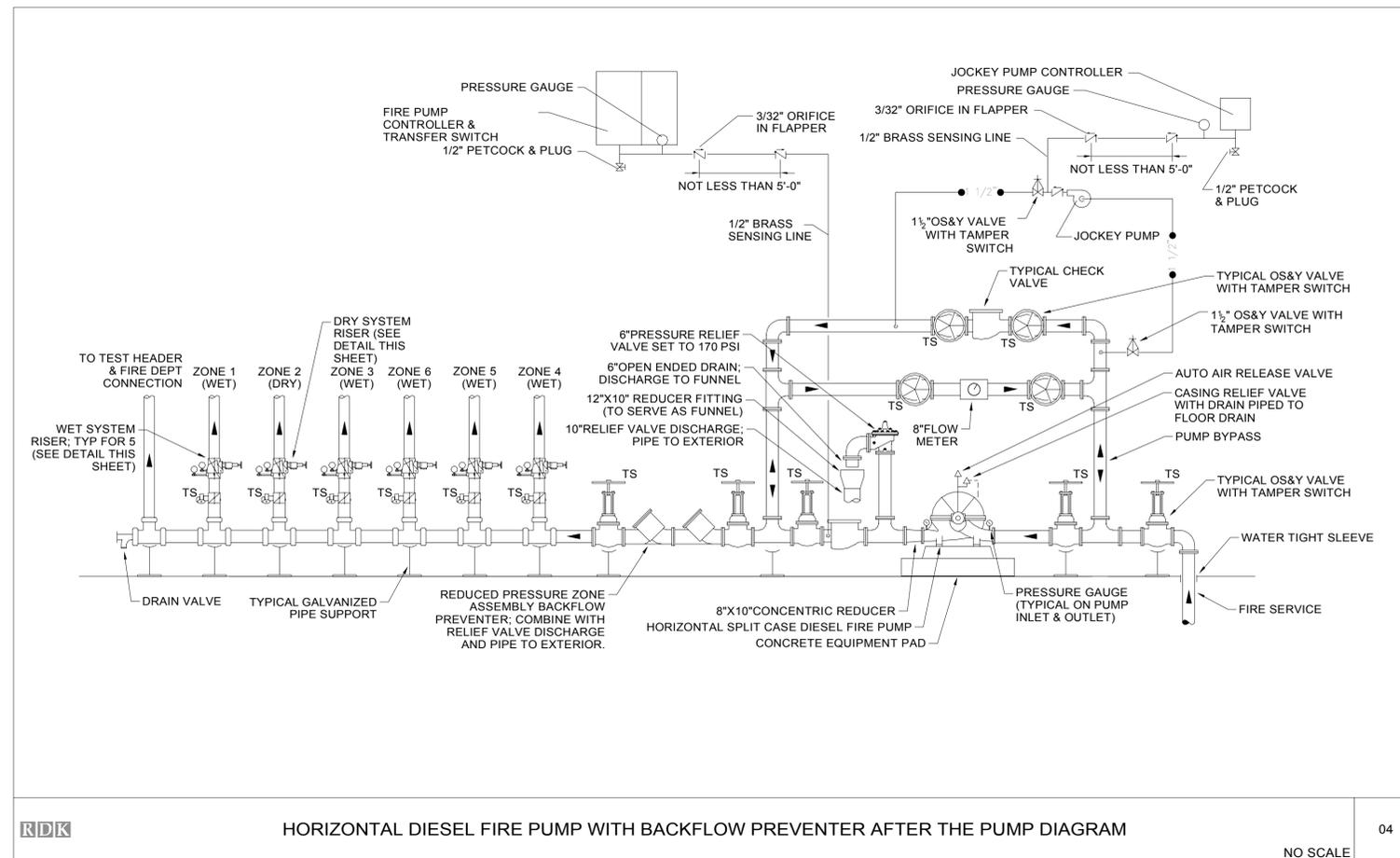
TOWN
ROCKY HILL

DRAWING TITLE
FIRE PROTECTION SECTIONS

PROJECT NO.
118-0167

DRAWING NO.
FRP-401

SHEET NO.
08.13



NO.	Revision Description	Date

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.

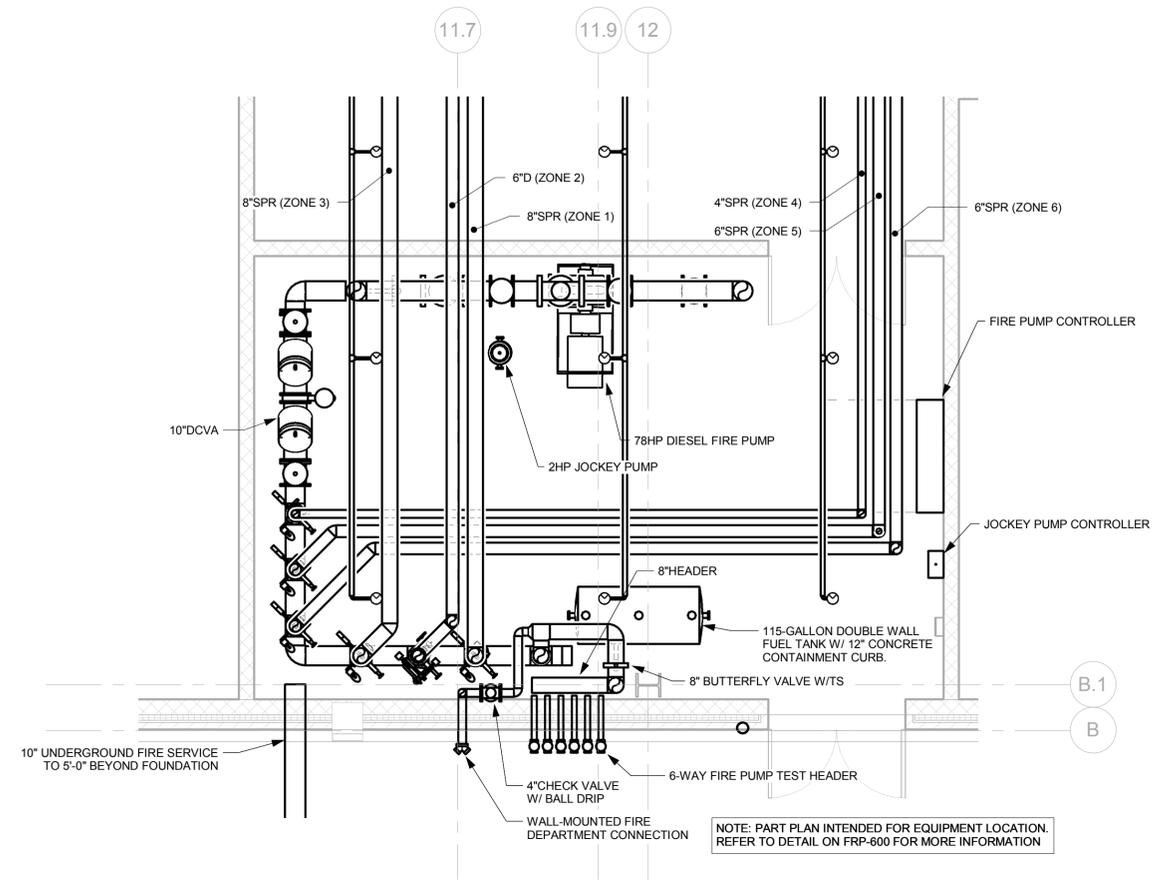
DESIGNER/DRAFTER
RSL
CHECKED BY:
RSL
SCALE
1/8" = 1'-0"



SIGNATURE/BLOCK:
PROJECT TITLE
REPAIR FACILITY

TOWN
ROCKY HILL
DRAWING TITLE
FIRE PROTECTION DETAILS

PROJECT NO.
118-0167
DRAWING NO.
FRP-600
SHEET NO.
08.14



1 FIRE PROTECTION - 01 GROUND LEVEL - SPRINKLER ROOM1
 SCALE: 1/4" = 1'-0"

NO.	Revision Description	Date

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.

Plotted: 6/9/2014 5:00:33 PM

DESIGNER/DRAFTER
RSL

CHECKED BY:
RSL

SCALE
 1/4" = 1'-0"



SIGNATURE/BLOCK:

PROJECT TITLE
REPAIR FACILITY

TOWN
ROCKY HILL

DRAWING TITLE
FIRE PROTECTION PART PLAN

PROJECT NO.
118-0167

DRAWING NO.
FRP-800

SHEET NO.
08.15