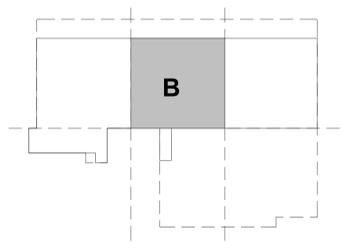


PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6-MAINTENANCE	100 SF	12'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'

- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
 - CONTRACTOR TO ACCOUNT FOR ALL REQUIRED SPRINKLER HEADS AND PIPING FOR THESE CONDITIONS.
 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
 - DUCTWORK IS NOT SHOWN, REFER TO MECHANICAL DRAWINGS. FOR ADDITIONAL INFORMATION (i.e. DUCT ELEVATION) SEE MECHANICAL, ARCHITECTURAL, STRUCTURAL & ELECTRICAL DRAWINGS.
 - MAINTAIN A MINIMUM HEIGHT OF 14'-6" CLEAR IN BUS TRAVEL AREAS AND A MINIMUM OF 22'-0" CLEAR IN ANY LIFT AREA.
 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL



1/8" RCP GROUND FLOOR AREA B - FIRE PROTECTION
1/8" = 1'-0"

REV.	DATE	DESCRIPTION	SHEET NO.

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

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
 ENGINEERS: R&STL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
 DATE: 06/11/2014

DESIGNED BY:
 AI ENGINEERS
 919 MIDDLE STREET
 MIDDLETOWN CT
 06457

PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

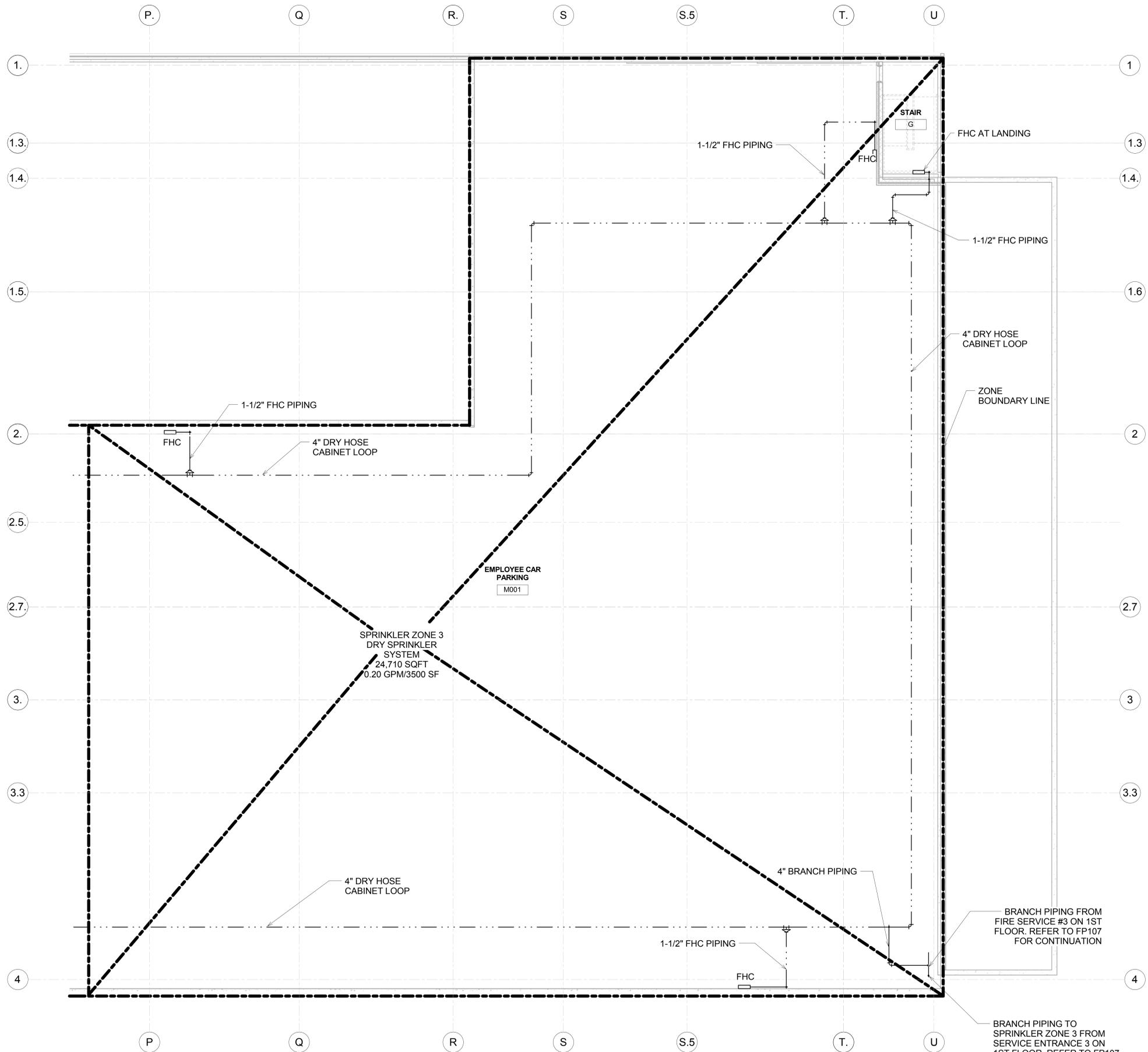
ADDRESS:
 FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE:
GROUND FLOOR REFLECTED CEILING PLAN - AREA B

PROJECT NO:
0431-0006

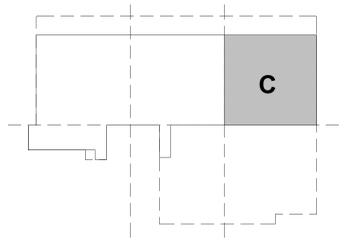
DRAWING NO.
FP-102

SHEET NO.
11.004



PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6-MAINTENANCE	100 SF	12'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'

- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
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 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
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 - MAINTAIN A MINIMUM HEIGHT OF 14'-6" CLEAR IN BUS TRAVEL AREAS AND A MINIMUM OF 22'-0" CLEAR IN ANY LIFT AREA.
 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL



KEY PLAN

1/8" RCP GROUND FLOOR AREA C - FIRE PROTECTION
 1/8" = 1'-0"

REV.	DATE	DESCRIPTION	SHEET NO.

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: SPD
 CHECKED BY: ES
 SCALE: 1/8" = 1'-0"

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
 ENGINEERS: R&STL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
 APPROVED BY: JL
 DATE: 06/11/2014

DESIGNED BY:
 AI ENGINEERS
 919 MIDDLE STREET
 MIDDLETOWN CT
 06457



PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS:
 FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE:
GROUND FLOOR REFLECTED CEILING PLAN - AREA C

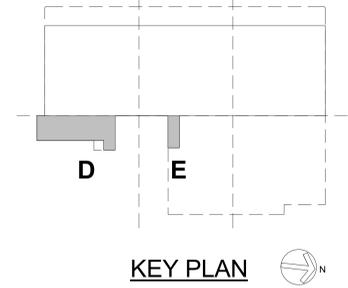
PROJECT NO:
0431-0006

DRAWING NO.
FP-103

SHEET NO.
11.005

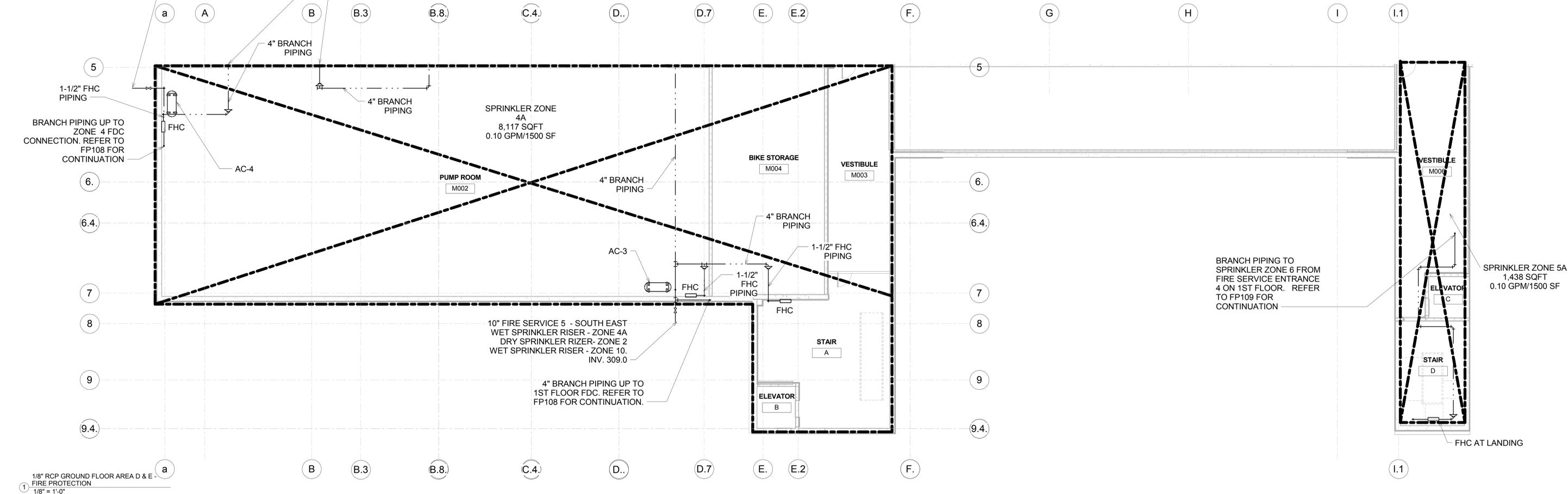
- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
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 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
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 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL

PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'



10" FIRE SERVICE 6 - SOUTH DRY SPRINKLER RISER ZONE 1 DRY SPRINKLER RISER ZONE 9 DRY SPRINKLER RISER ZONE 10A. INV. 309.0

BRANCH PIPING TO SPRINKLER ZONE 1. REFER TO FP101 FOR CONTINUATION



1/8" RCP GROUND FLOOR AREA D & E - FIRE PROTECTION
1/8" = 1'-0"

REV.	DATE	DESCRIPTION	SHEET NO.

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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
APPROVED BY: JL

ENGINEERS: ReSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
DATE: 06/11/2014

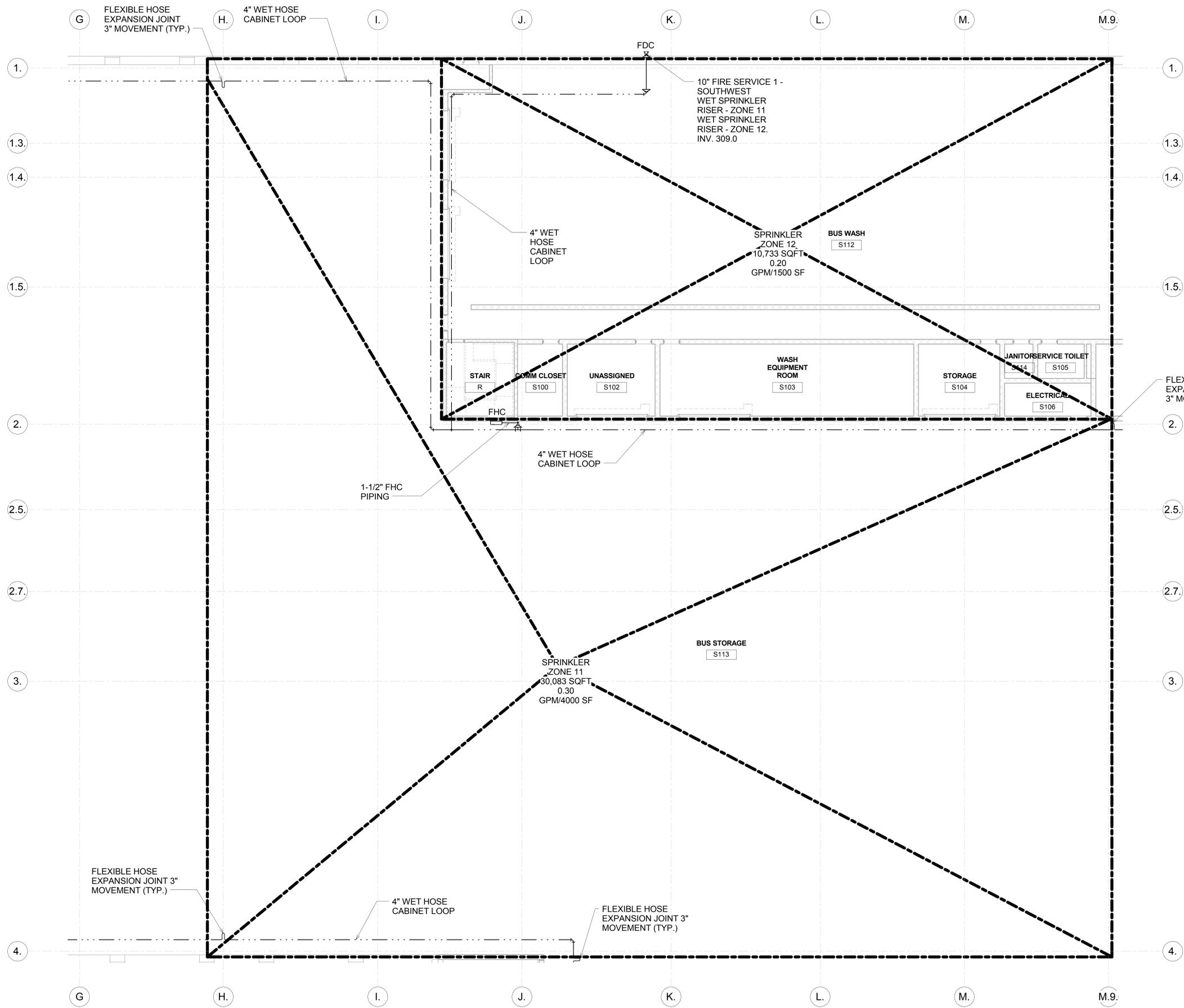
DESIGNED BY: AI ENGINEERS
919 MIDDLE STREET
MIDDLETOWN CT 06457

PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS: FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

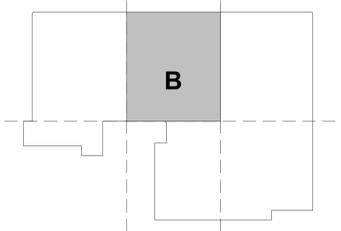
DRAWING TITLE:
GROUND FLOOR REFLECTED CEILING PLAN-AREA D & E

PROJECT NO: 0431-0006
DRAWING NO: FP-104
SHEET NO: 11.006



PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6-MAINTENANCE	100 SF	12'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'

- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
 - CONTRACTOR TO ACCOUNT FOR ALL REQUIRED SPRINKLER HEADS AND PIPING FOR THESE CONDITIONS.
 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
 - DUCTWORK IS NOT SHOWN, REFER TO MECHANICAL DRAWINGS. FOR ADDITIONAL INFORMATION (ie. DUCT ELEVATION) SEE MECHANICAL, ARCHITECTURAL, STRUCTURAL & ELECTRICAL DRAWINGS.
 - MAINTAIN A MINIMUM HEIGHT OF 14'-6" CLEAR IN BUS TRAVEL AREAS AND A MINIMUM OF 22'-0" CLEAR IN ANY LIFT AREA.
 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL



KEY PLAN

1/8" RCP FIRST FLOOR AREA B - FIRE PROTECTION
1/8" = 1'-0"

REV.	DATE	DESCRIPTION	SHEET NO.

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: SPD
CHECKED BY: ES
SCALE: 1/8" = 1'-0"

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
ENGINEERS: RUSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
APPROVED BY: JL
DATE: 06/11/2014

DESIGNED BY:
AI ENGINEERS
919 MIDDLE STREET
MIDDLETOWN CT
06457



PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

ADDRESS:
FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - AREA B

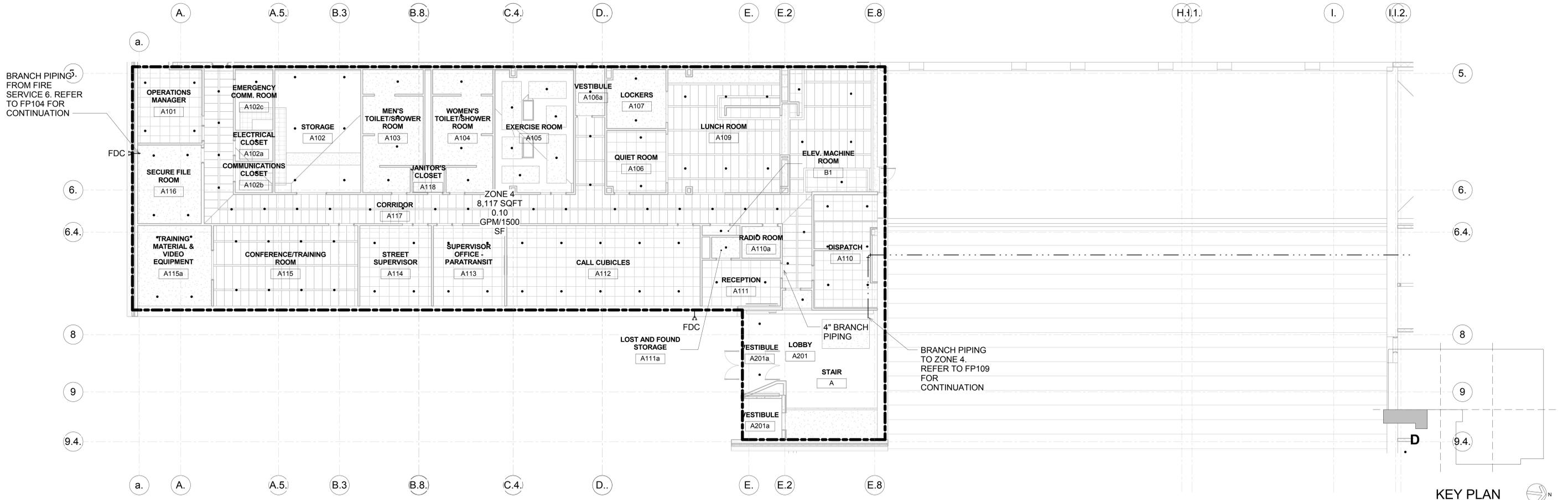
PROJECT NO:
0431-0006

DRAWING NO:
FP-106

SHEET NO.
11.008

PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6-MAINTENANCE	100 SF	12'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'

- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
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 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
 - DUCTWORK IS NOT SHOWN, REFER TO MECHANICAL DRAWINGS. FOR ADDITIONAL INFORMATION (ie. DUCT ELEVATION) SEE MECHANICAL, ARCHITECTURAL, STRUCTURAL & ELECTRICAL DRAWINGS.
 - MAINTAIN A MINIMUM HEIGHT OF 14'-6" CLEAR IN BUS TRAVEL AREAS AND A MINIMUM OF 22'-0" CLEAR IN ANY LIFT AREA.
 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL



1/8" RCP FIRST FLOOR AREA D - FIRE PROTECTION
 1/8" = 1'-0"

REV.	DATE	DESCRIPTION	SHEET NO.

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: SPD
 CHECKED BY: ES
 SCALE: 1/8" = 1'-0"

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
 APPROVED BY: JL

ENGINEERS: RUSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
 DATE: 06/11/2014

DESIGNED BY:
 AI ENGINEERS
 919 MIDDLE STREET
 MIDDLETOWN CT
 06457



PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

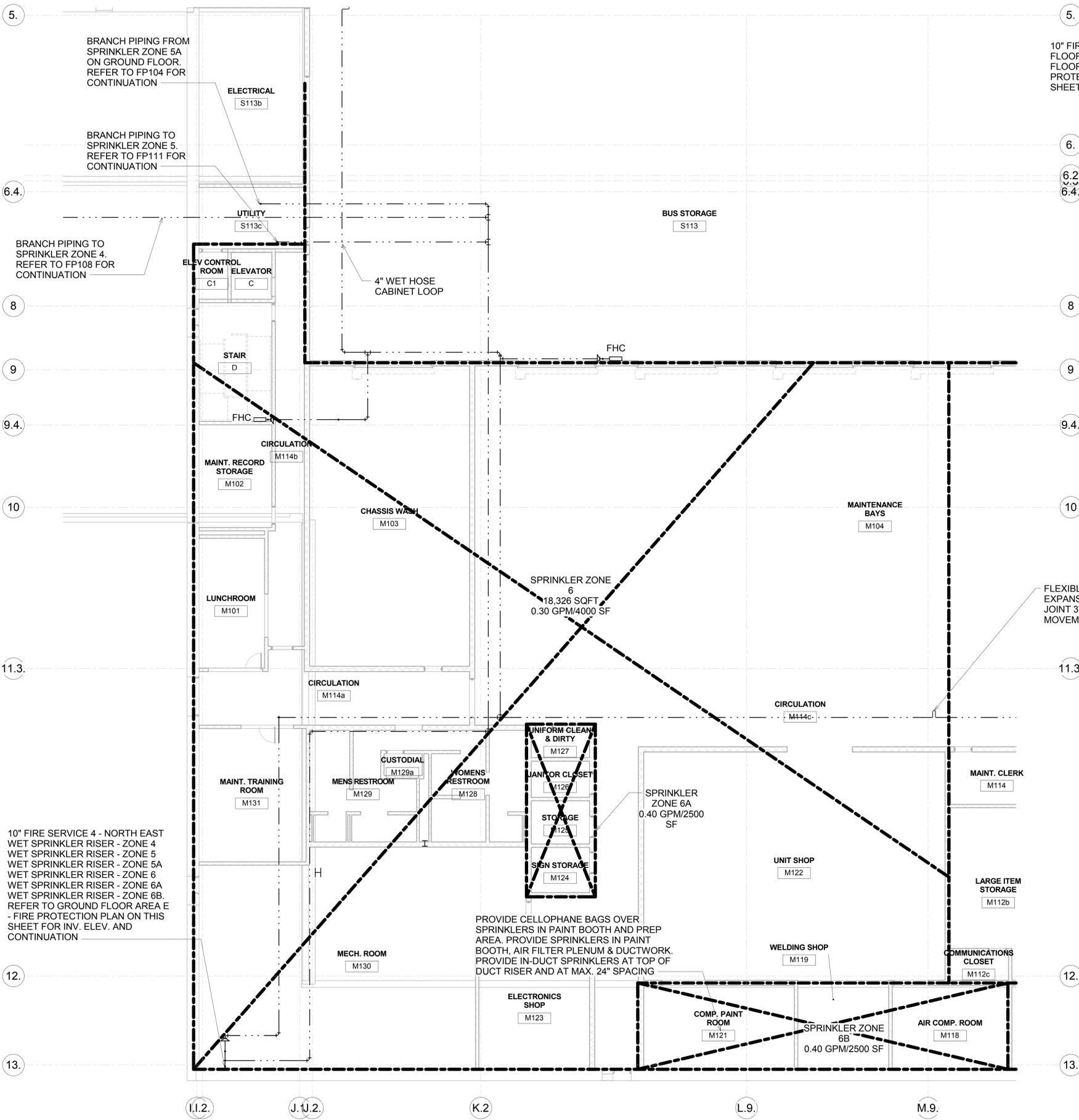
ADDRESS:
 FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - AREA D

PROJECT NO:
0431-0006

DRAWING NO.
FP-108

SHEET NO.
11.010

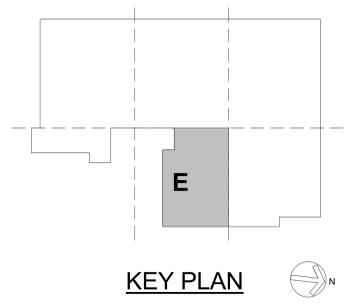


10" FIRE SERVICE #4 FROM FIRST FLOOR. INV. 309.0. REFER TO 1ST FLOOR AREA - AREA E FIRE PROTECTION PLAN ON THIS SHEET FOR CONTINUATION.

1/8" RCP GROUND FLOOR AREA E - FIRE PROTECTION
 ② 1/8" = 1'-0"

PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6-MAINTENANCE	100 SF	12'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'

- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
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 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
 - DUCTWORK IS NOT SHOWN, REFER TO MECHANICAL DRAWINGS. FOR ADDITIONAL INFORMATION (i.e. DUCT ELEVATION) SEE MECHANICAL, ARCHITECTURAL, STRUCTURAL & ELECTRICAL DRAWINGS.
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 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL



1/8" RCP FIRST FLOOR AREA E - FIRE PROTECTION
 ① 1/8" = 1'-0"

REV.	DATE	DESCRIPTION	SHEET NO.

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: SPD
 CHECKED BY: ES
 SCALE: 1/8" = 1'-0"

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
 ENGINEERS: RUSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
 APPROVED BY: JL
 DATE: 06/11/2014

DESIGNED BY:
 AI ENGINEERS
 919 MIDDLE STREET
 MIDDLETOWN CT
 06457



PROJECT TITLE:
WATERBURY BUS MAINTENANCE FACILITY REPLACEMENT

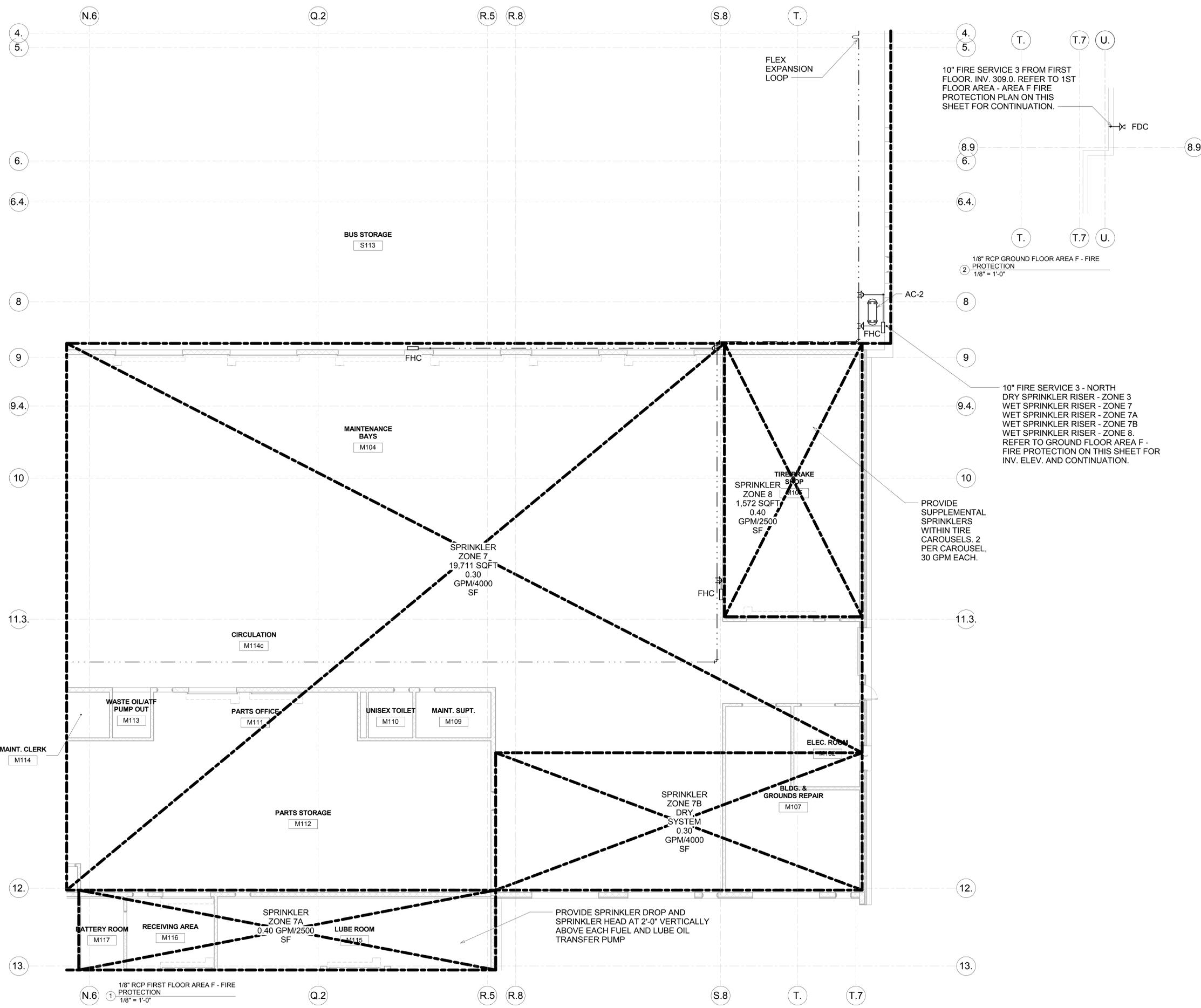
ADDRESS:
 FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - AREA E

PROJECT NO:
0431-0006

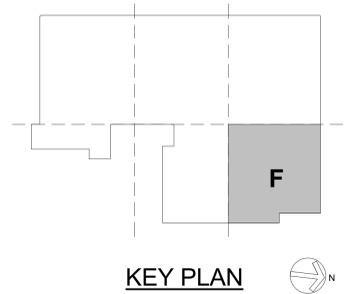
DRAWING NO:
FP-109

SHEET NO.
11.011



PROTECTION AREA AND MAXIMUM SPACING OF SPRINKLERS		
SPRINKLER ZONE	PROTECTION AREA	MAXIMUM SPRINKLER SPACING
1-EMPLOYEE PARKING	130 SF	15'
2-EMPLOYEE PARKING	130 SF	15'
3-EMPLOYEE PARKING	130 SF	15'
4-OPERATIONS	225 SF	15'
4A-PUMP ROOM/VESTIBULE	225 SF	15'
5-ADMINISTRATION	225 SF	15'
5A-VESTIBULE	225 SF	15'
6-MAINTENANCE	100 SF	12'
6A-STORAGE AREA	100 SF	12'
6B-PAINT SPRAY BOOTH AREA	100 SF	12'
7-MAINTENANCE	100 SF	12'
7A-LUBRICATING OIL STORAGE	100 SF	12'
7B-MAINTENANCE OVERHEAD DOOR AREA	100 SF	12'
8-TIRE ROOM	100 SF	12'
8-TIRE STORAGE CAROUSEL	2 CAROUSELS	2 SPRINKLERS PER CAROUSEL/ 30 GPM EACH
9-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'
10-BUS STORAGE	100 SF	12'
10A-BUS STORAGE	100 SF	12'
11-BUS STORAGE	100 SF	12'
12-BUS CLEANING	100 SF	12'
13-INTERIOR FUELING	100 SF	12'
14-BUS STORAGE	100 SF	12'
15-BUS STORAGE OVERHEAD DOOR AREA	100 SF	12'

- NOTES:
- REFER TO TABLE FOR AREA CLASSIFICATION AND WATER FLOWS.
 - SPRINKLER HEADS FOR GENERAL BUILDING SPRINKLER SYSTEM ARE NOT SHOWN.
 - SPRINKLER HEADS UNDER DUCTWORK OR OTHER EQUIPMENT OBSTRUCTIONS 48" OR WIDER ARE NOT SHOWN.
 - CONTRACTOR TO ACCOUNT FOR ALL REQUIRED SPRINKLER HEADS AND PIPING FOR THESE CONDITIONS.
 - CONTRACTOR TO COORDINATE FINAL SPRINKLER HEAD LOCATIONS WITH ALL TRADE SHOP DRAWINGS.
 - DUCTWORK IS NOT SHOWN, REFER TO MECHANICAL DRAWINGS. FOR ADDITIONAL INFORMATION (ie. DUCT ELEVATION) SEE MECHANICAL, ARCHITECTURAL, STRUCTURAL & ELECTRICAL DRAWINGS.
 - MAINTAIN A MINIMUM HEIGHT OF 14'-6" CLEAR IN BUS TRAVEL AREAS AND A MINIMUM OF 22'-0" CLEAR IN ANY LIFT AREA.
 - MAINTAIN 7'-6" CLEARANCE IN EMPLOYEE PARKING AREAS
 - DO NOT HANG ANY FIRE OR SPRINKLER PIPING INCLUDING SEISMIC RESTRAINTS FROM ANY DUCT SUPPORTS WITHOUT COORDINATION WITH MECHANICAL TRADE AND FIRE MARSHAL



REV.	DATE	DESCRIPTION	SHEET NO.

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

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

ARCHITECT: WENDEL
 ENGINEERS: RSTL DESIGNERS, CLOUGH HARBOUR ASSOC., AI ENGINEERS, WENDEL
 APPROVED BY: JL
 DATE: 06/11/2014

DESIGNED BY:
 AI ENGINEERS
 919 MIDDLE STREET
 MIDDLETOWN CT
 06457

PROJECT TITLE:
**WATERBURY BUS
 MAINTENANCE FACILITY
 REPLACEMENT**

ADDRESS:
 FROST BRIDGE ROAD WATERTOWN, CONNECTICUT 06787

DRAWING TITLE:
**FIRST FLOOR REFLECTED CEILING
 PLAN - AREA F**

PROJECT NO:
0431-0006

DRAWING NO.
FP-110

SHEET NO.
11.012

