

FULLY SPRINKLERED

- NOTES
- 1

EXISTING TO REMAIN.
- 2

EXISTING 6" FIRE SUPPRESSION VALVE & STUB FOR FUTURE EXTENSION TO SERVE WEST WING.
- 3

EXISTING 6" FIRE SUPPRESSION MAIN TO SERVE CENTER WING.
- 4

EXISTING 6" FIRE SUPPRESSION RISER TO SERVE EAST WING.
- 5

EXISTING FIRE SUPPRESSION PIPING REMOVED UNDER PHASE 2, BUILDING 211 EAST WING PROJECT.
- LEGEND
- G.C.

GENERAL CONTRACTOR
- P.C.

PLUMBING CONTRACTOR
- F.S.C.

FIRE SUPPRESSION CONTRACTOR
- H.C.

HVAC CONTRACTOR
- E.C.

ELECTRICAL CONTRACTOR
- S.U.C.

SITE UTILITY CONTRACTOR
- SHUT OFF VALVE

DIRECTION OF FLOW
- F

FIRE SUPPRESSION PIPE
- S

SPRINKLER PIPE (WET)
- SV

SUPERVISED VALVE
- FS

FLOW SWITCH
- FR

FIRE RISER
- FDC

FIRE DEPARTMENT CONNECTION
- FDV

FIRE DEPARTMENT VALVE
- AP

ACCESS PANEL
- OH 1

FIRE SUPPRESSION HAZARD CLASSIFICATION
ORDINARY HAZARD / GROUP 1
- 3

"NOTE" SYMBOL (FOR NOTES ON SAME SHEET)
- 123

ROOM NUMBER
- CONNECT TO EXISTING" SYMBOL
- FIRE SUPPRESSION NOTES: APPLIES TO ALL SHEETS
- A

PROVIDE A COMPLETE FIRE SUPPRESSION SPRINKLER SYSTEM IN THE RENOVATED AREAS.
- B

COORDINATE WORK WITH VAMC, PHASING PLAN AND OTHER TRADES. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFFSETTING AND/OR RELOCATING EXISTING SERVICES TO ACCOMMODATE NEW WORK OF OTHER TRADES.
- C

DESIGN SERVICES SHALL FOLLOW ALL VA STANDARD DESIGN PRACTICES, DETAILS, SPECIFICATIONS AND SITE SPECIFIC G.O.T.R. REQUIREMENTS AS WELL AS WORK SHOWN ON THESE DOCUMENTS. ALL DEVIATIONS FROM AFOREMENTIONED REQUIREMENTS SHALL BE APPROVED BY THE G.O.T.R.
- D

THE F.S.C. SHALL VERIFY THAT THERE IS ADEQUATE SPACE TO INSTALL ALL NEW PIPING REQUIRED TO COMPLETE THIS WORK.
- E

ALL SPRINKLER PIPING IS LOCATED ABOVE THE CEILING (AT THE BOTTOM OF STRUCTURE IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
- F

THE BASIS OF DESIGN OF SPACING AND SIZING FOR THE COMPLETE FIRE SUPPRESSION SPRINKLER SYSTEM IS FOR A WET PIPE SYSTEM HYDRAULICALLY CALCULATED FOR A:

1

LIGHT HAZARD AREA LIMITED TO A MAXIMUM OF 225 SQ. FT. PER SPRINKLER WITH THE DENSITY OF 0.10 GPM/SQ. FT. OVER MOST THE MOST REMOTE 1500 SQ. FT. PROVIDE AN ADDITION OF 100 GPM HOSE ALLOWANCE.

2

ALL MECHANICAL, ELECTRICAL AND ETC. AREAS SHALL BE ORDINARY HAZARD (GROUP 1) LIMITED TO A MAXIMUM OF 130 SQ. FT. PER SPRINKLER WITH A DENSITY OF 0.15 GPM/SQ. FT. PROVIDE AN ADDITION OF 250 HOSE ALLOWANCE.

3

ALL STORAGE, TRASH, FILE STORAGE AND ETC. AREAS SHALL BE ORDINARY HAZARD (GROUP 2) LIMITED TO A MAXIMUM FO 130 SQ. FT. PER SPRINKLER WITH A DENSITY OF 0.20 GPM/SQ. FT. PROVIDE AN ADDITION OF 250 GPM HOSE ALLOWANCE.

G

ALL HEAD LOCATIONS AND RELATED PIPING SHALL BE BY THE F.S.C.

H

THE ENTIRE SPRINKLER SYSTEM SHALL CONFORM TO VAMC, LOCAL, STATE AND NFPA STANDARDS, RULES AND REGULATIONS.

I

THE F.S.C. SHALL CAREFULLY COORDINATE THE LOCATION OF ALL SPRINKLER HEADS AND PIPING WITH ALL OTHER TRADES AND THE ARCHITECT.

J

THE F.S.C. SHALL VERIFY THE LOCATION OF ALL LIGHTING FIXTURES AND AIR DEVICES BEFORE INSTALLATION OF SPRINKLER HEADS.

K

ALL SPRINKLER PIPING LAYOUT AND SIZING SHALL BE BY THE F.S.C.

L

ALL HEAD LOCATIONS MUST BE COORDINATED WITH ALL EQUIPMENT KINDRED TO OTHER TRADES. HEAD LOCATIONS MUST BE APPROVED BY THE ARCHITECT BEFORE WORK COMMENCES. REFER TO THE ARCHITECTURAL AND REFLECTIVE CEILING PLANS FOR ADDITIONAL INFORMATION ON ALL CEILING TYPES, HEIGHTS, AND OTHER ARCHITECTURAL FEATURES.

M

THE F.S.C. SHALL MAKE NECESSARY FLOW TEST, LAY OUT SYSTEMS, OBTAIN APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO BEGINNING ANY FABRICATION OR INSTALLATION WORK.

N

SPRINKLER PIPING SHALL BE MINIMUM 1" SIZE.

O

SPRINKLER HEADS (UNLESS OTHERWISE NOTED): EXPOSED AREAS - UPRIGHT OR PENDENT TYPE - STANDARD BRASS CEILING AREAS - RECESSED PENDENT TYPE. ALL HEADS SHALL BE UL LISTED AND FM APPROVED.

P

SPRINKLER HEADS SHALL BE "QUICK RESPONSE" TYPE IN ALL AREAS EXCEPT HIGH TEMPERATURE AREAS.

Q

ALL PENDENT TYPE SPRINKLER HEADS LOCATED IN SUSPENDED CEILING TILE AREAS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILE.

R

ANNULAR SPACE AT PIPE AND OTHER SIMILAR PENETRATION OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED. REFER TO SPECIFICATION SECTION 07 84 00 FIRESTOPPING. REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, LAYOUT AND FIRE RATING OF FLOORS, WALLS, PARTITIONS AND OTHER BUILDING ELEMENTS.

S

REFER TO SPECIFICATION SECTION 21 13 13 FOR FLOW TEST INFORMATION.

T

ALL EXISTING SMOKE COMPARTMENTS SHALL BE MAINTAINED. ALL SPRINKLER ZONES SHALL MATCH SMOKE COMPARTMENTS.

U

REFER TO ARCHITECTURAL SHEET A102 & A103 FOR INFORMATION ON SMOKE COMPARTMENTS, SMOKE PARTITIONS & FIRE BARRIERS.
-
- | SITE PLAN | |
|--------------------|-------------------------|
| SCALE: N.T.S. | |
| WATER FLOW TEST | |
| STATIC PRESSURE: | 60 PSI |
| RESIDUAL PRESSURE: | 64 PSI |
| PITOT: | 39 PSI, C= 90 |
| WATER FLOWING: | 1048 GPM |
| DATE: | 3/08/2010 |
| TIME: | 1:30 PM |
| DATA BY: | CENTRAL FIRE PROTECTION |
- PIPE BASEMENT PLAN - NEW WORK
- Project Seeking LEED Certification.
See Specification Section 01 81 13.
- Revisions

Date

CONSULTANTS:

Heapy Engineering

Mechanical Electrical Commissioning Technology

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

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Drawing Title

PIPE BASEMENT PLAN - NEW WORK

Approved: Project Director

Project Title

RENOVATE CLC BUILDING
211 WEST

Location

Chillicothe, Ohio

Date

09/06/2013

Checked

RLT

Drawn

DPB

Project No.

VA Project No. 538-107
JPA Project No. 11001.00

Building Number

211

Drawing Number

211 - FS1

Dwg. 59 of 132

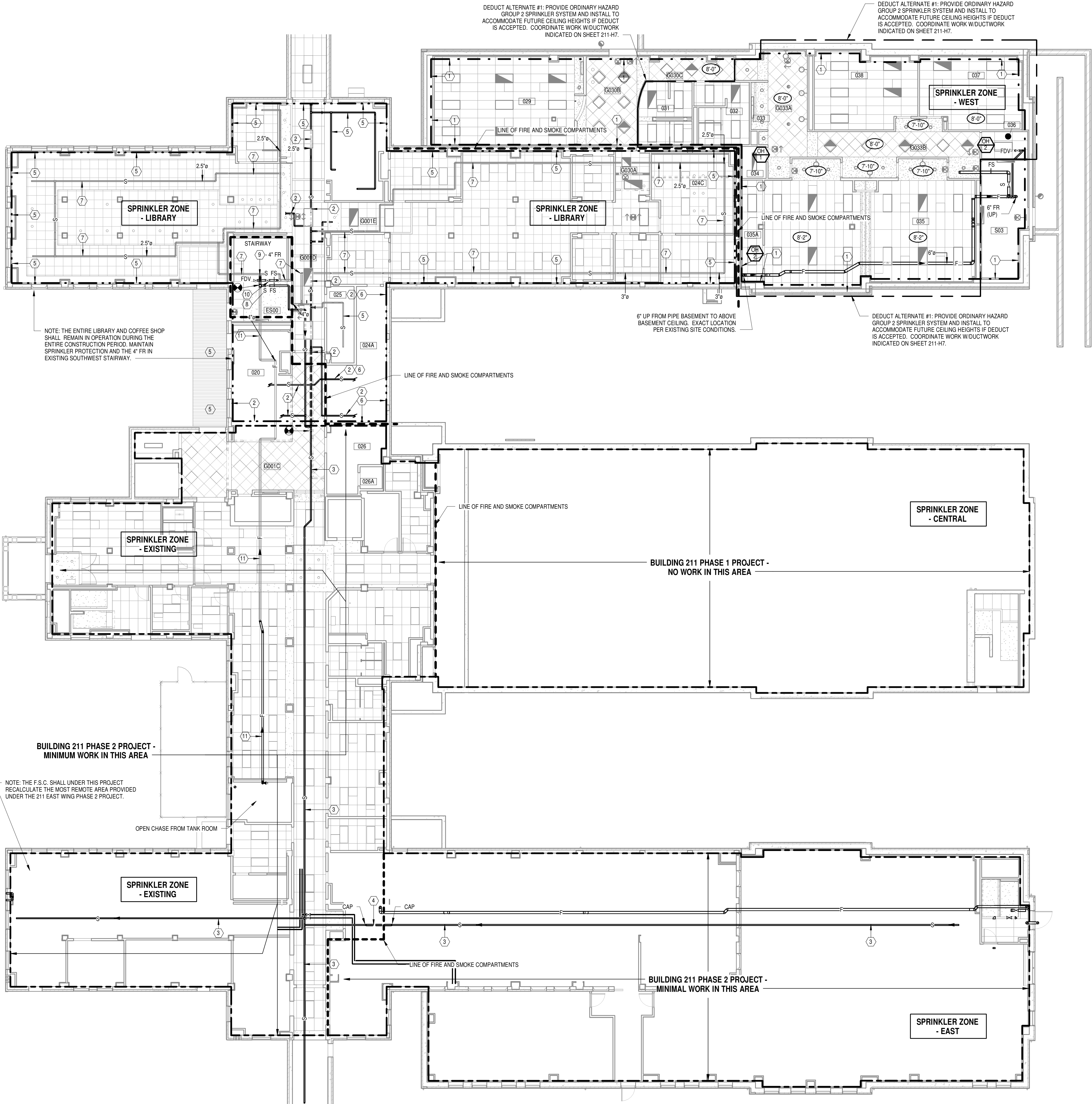
Office of
Construction
and Facilities
Management

Department of
Veterans Affairs
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FULLY SPRINKLERED

- NOTES
- THE F.S.C. SHALL EXTEND PIPING (SIZE PER HYDRAULIC CALCULATIONS) TO COMPLETE NEW FIRE SUPPRESSION SPRINKLER SYSTEM IN NEW ADDITION AREA INDICATED.
 - REMOVE ALL EXISTING PLASTIC MAIN AND BRANCH SPRINKLER PIPING (ABOVE ACCESSIBLE CEILING) AND ALL RELATED SPRINKLER HEADS AND REPLACE WITH NEW SPRINKLER HEADS AND STEEL PIPING IN APPROXIMATELY THE SAME LOCATIONS. NOT ALL PLASTIC BRANCH PIPING IS SHOWN. ALL WORK IN THIS AREA SHALL BE COMPLETED OUTSIDE NORMAL WORKING AREAS.
 - APPROXIMATE LOCATION OF SPRINKLER MAIN PROVIDED UNDER PHASE 2 CONSTRUCTION. THE F.S.C. SHALL VERIFY THE EXACT SIZE AND LOCATION BEFORE STARTING ANY RELATED WORK.
 - REMOVE SECTION OF EXISTING SPRINKLER MAIN AND CAP STUBS AFTER EXISTING SPRINKLER SYSTEM HAS BEEN SUPPLIED FROM NEW SUPERVISED VALVE & FLOW SWITCH. REMOVE EXISTING SPRINKLER PIPING IN IMMEDIATE AREA AS REQUIRED TO MAINTAIN OR PROVIDE SPRINKLER HEADS LOCATED IN THE CORRECT SPRINKLER ZONES.
 - EXISTING TO REMAIN.
 - THE F.S.C. SHALL SERVE THIS AREA FROM SPRINKLER ZONE - LIBRARY.
 - EXISTING LIBRARY SPRINKLER SYSTEM TO REMAIN IN OPERATION.
 - NEW SUPERVISED VALVE AND FLOW SWITCH TO SERVE SPRINKLER ZONE - EXISTING.
 - EXISTING 4" FR TO REMAIN UP THRU BUILDING STAIRWAY.
 - EXISTING SUPERVISED VALVE AND FLOW SWITCH SERVING SPRINKLER ZONE - LIBRARY TO REMAIN.
 - EXISTING 4" FIRE PROTECTION PIPING LOCATED ABOVE CEILING TO REMAIN.

| ROOM NAMES & NUMBERS - BASEMENT | |
|---------------------------------|--------------------------|
| Number | Name |
| 020 | EXIST. BISTRO |
| 024A | EXIST. LIBRARY WORK ROOM |
| 24B | EXISTING LIBRARY |
| 024C | EXIST. MTG. RM. |
| 025 | EXIST. STOR. |
| 026 | EXIST. STAFF LOCKERS |
| 026A | EXIST. MOP CL. |
| 029 | GLASSROOM |
| 031 | MEN |
| 032 | WOMEN |
| 033 | KITCH. |
| 034 | ELEC. CLOS. |
| 035 | LARGE MEETING |
| 035A | STOR. |
| 036 | H.A.C. |
| 037 | SMALL MEETING |
| 038 | SMALL MEETING |
| ES00 | EXIST. STAIRS |
| G001B | EXIST. CORR. |
| G001C | EXIST. CORR. |
| G001D | EXIST. CORR. |
| G001E | EXIST. CORR. |
| G001F | EXIST. CORR. |
| G030A | CORR. |
| G030B | CORR. |
| G030C | CORR. |
| G033A | CORR. |
| G033B | CORR. |
| S03 | STAIRS |



BASEMENT PLAN - NEW WORK
Scale: 3/32" = 1'-0"
F.F.E. = 88.50'

Revisions

Date

CONSULTANTS:

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PROJECT NO. 2010-04024

FIRM LICENSE NO. 01528

STATE OF OHIO

JOHN A. BLACK

49341

REGISTERED PROFESSIONAL ENGINEER

ARCHITECT/ENGINEERS:

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Drawing Title

BASEMENT PLAN - NEW WORK

Approved: Project Director

Project Title

RENOVATE CLC BUILDING 211 WEST

Location

Chillicothe, Ohio

Date

09/06/2013

Checked

RLT

Drawn

DPB

Project No.

VA Project No. 538-107

JPA Project No. 11001.00

Building Number

211

Drawing Number

211 - FS2

Dwg. 60 of 132

Office of Construction and Facilities Management

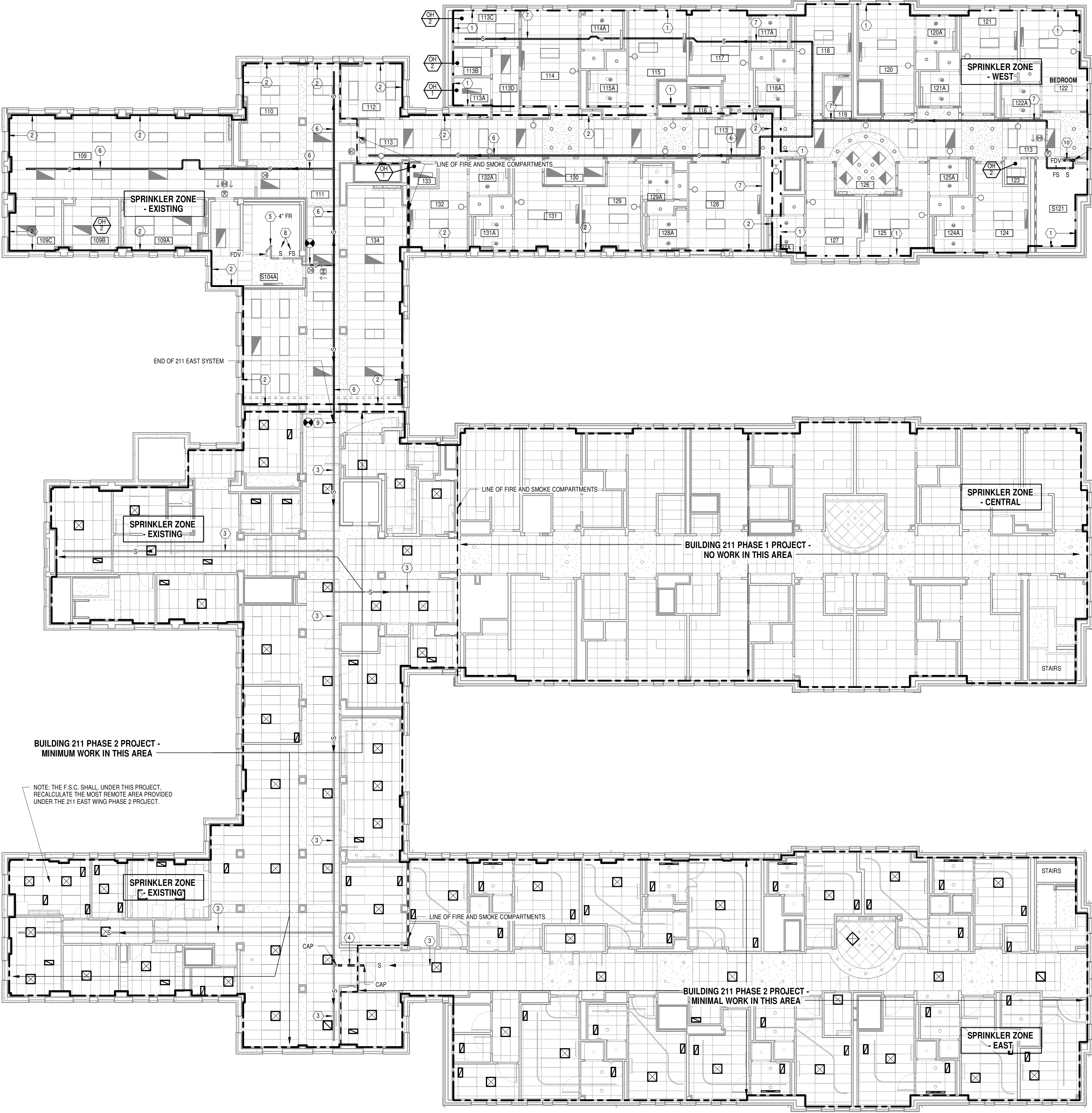
Department of Veterans Affairs

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FULLY SPRINKLERED

- NOTES
- THE F.S.C. SHALL EXTEND PIPING (SIZE PER HYDRAULIC CALCULATIONS) TO COMPLETE NEW FIRE SUPPRESSION SPRINKLER SYSTEM IN AREA INDICATED.
 - REMOVE ALL EXISTING SPRINKLER HEADS AND FIRE SUPPRESSION PIPING (MAIN & BRANCH) AND PROVIDE COMPLETE FIRE SUPPRESSION SPRINKLER SYSTEM IN AREA INDICATED SERVED FROM NEW FIRE SUPPRESSION MAIN.
 - APPROXIMATE LOCATION OF SPRINKLER MAIN PROVIDED UNDER PHASE 2 CONSTRUCTION. THE F.S.C. SHALL VERIFY THE EXACT LOCATION BEFORE STARTING ANY RELATED WORK.
 - REMOVE EXISTING SECTION OF EXISTING SPRINKLER MAIN AND CAP STUBS AFTER EXISTING SPRINKLER SYSTEM HAS BEEN SUPPLIED FROM EXISTING SUPERVISED VALVE & FLOW SWITCH LOCATED IN EXISTING SOUTHWEST STAIRWAY. RE-WORK EXISTING SPRINKLER PIPING IN IMMEDIATE AREA AS REQUIRED TO MAINTAIN OR PROVIDE SPRINKLER HEADS LOCATED IN THE CORRECT SPRINKLER ZONES.
 - EXISTING TO REMAIN.
 - APPROXIMATE LOCATION OF NEW SPRINKLER MAIN TO SERVE RENOVATED AREA. EXACT SIZE AND LOCATION BY F.S.C. PER SITE CONDITIONS.
 - APPROXIMATE LOCATION OF NEW SPRINKLER MAIN TO SERVE NEW ADDITION AREA. EXACT SIZE & LOCATION BY F.S.C. PER SITE CONDITIONS.
 - EXISTING SUPERVISED VALVE AND FLOW SWITCH TO SERVE SPRINKLER ZONE - EXISTING.
 - CONNECT TO EXISTING FIRE SUPPRESSION SPRINKLER MAIN INSTALLED UNDER PHASE 2 - EAST WING CONTRACT. VERIFY EXACT SIZE AND LOCATION BEFORE STARTING ANY RELATED WORK.
 - TEST & DRAIN RISER.

| ROOM NAMES & NUMBERS - FIRST FLOOR | |
|------------------------------------|---------------------|
| Number | Name |
| 108 | LIVING ROOM |
| 109 | DINING ROOM |
| 108A | KITCHEN |
| 108B | PANTRY |
| 109C | FAMILY DINING |
| 110 | LIVING ROOM |
| 111 | CORRIDOR |
| 112 | QUIET ROOM |
| 113 | CORRIDOR |
| 113A | ELEC. RM. |
| 113B | HAC |
| 113C | SOILED CARTS |
| 113D | CORRIDOR |
| 114 | BEDROOM |
| 114A | BATH |
| 115 | BEDROOM |
| 115A | BATH |
| 116 | STAFF TOILET |
| 117 | BEDROOM |
| 117A | BATH |
| 118 | BEDROOM |
| 118A | BATH |
| 119 | MED. RM. |
| 120 | BEDROOM |
| 120A | BATH |
| 121 | BEDROOM |
| 121A | BATH |
| 122 | BEDROOM |
| 122A | BATH |
| 123 | STOR. |
| 124 | BEDROOM |
| 124A | BATH |
| 125 | BEDROOM |
| 125A | BATH |
| 126 | NURSE'S SUB STATION |
| 127 | BEDROOM |
| 127A | BATH |
| 128 | SPECIAL CARE |
| 128A | BATH |
| 129 | BEDROOM |
| 129A | BATH |
| 130 | CLEAN LINEN |
| 131 | BEDROOM |
| 131A | BATH |
| 132 | BEDROOM |
| 132A | BATH |
| 133 | COMM. |
| 134 | DINING ROOM |
| S104A | STAIRS |
| S121 | STAIRS |



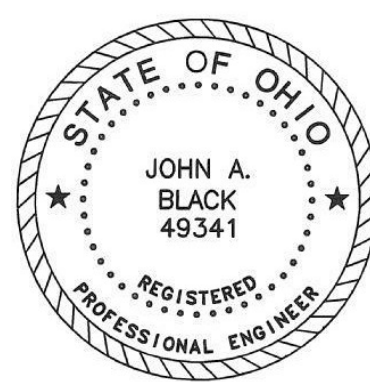
1 FIRST FLOOR PLAN - NEW WORK
Scale: 3/32" = 1'-0"
F.F.E. = 100.00'

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|------|--------------|---|--|----------------------|---|---------------|-----------------------------|----------------------------|---------------|-----------------------------------|----------|-------------------|------|------------|---------|-----|-------|-----|-------------|--|-----------------|-----|--------------|-----------|----------------|---|
| Revisions | Date | CONSULTANTS: | Heapy Engineering Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528 | | ARCHITECT/ENGINEERS: | JOHN POE ARCHITECTS 116 EAST THIRD STREET DAYTON, OHIO 45402-2130 937 461 3290 PHONE 937 461 0280 FAX jpo@johnpoe.com | Drawing Title | FIRST FLOOR PLAN - NEW WORK | Approved: Project Director | Project Title | RENOVATE CLC BUILDING 211 WEST | Location | Chillicothe, Ohio | Date | 09/06/2013 | Checked | RLT | Drawn | DPB | Project No. | VA Project No. 538-107 JPA Project No. 11001.00 | Building Number | 211 | Drawn Number | 211 - FS3 | Dwg. 61 of 132 | Office of Construction and Facilities Management |
|-----------|------|--------------|---|--|----------------------|---|---------------|-----------------------------|----------------------------|---------------|-----------------------------------|----------|-------------------|------|------------|---------|-----|-------|-----|-------------|--|-----------------|-----|--------------|-----------|----------------|---|

| ROOM NAMES & NUMBERS - SECOND FLOOR | |
|-------------------------------------|---------------------|
| Number | Name |
| 208 | LIVING ROOM |
| 209 | DINING ROOM |
| 209A | KITCHEN |
| 209B | PANTRY |
| 209C | FAMILY DINING |
| 210 | LIVING ROOM |
| 211 | CORRIDOR |
| 212 | QUIET ROOM |
| 213 | CORRIDOR |
| 213A | ELEC. RM. |
| 213B | HAC. |
| 213C | SOILED CARTS |
| 213D | CORRIDOR |
| 214 | BEDROOM |
| 214A | BATH |
| 215 | BEDROOM |
| 215A | BATH |
| 216 | STAFF TOILET |
| 217 | BEDROOM |
| 217A | BATH |
| 218 | BEDROOM |
| 218A | BATH |
| 219 | MED. RM. |
| 220 | BEDROOM |
| 220A | BATH |
| 221 | BEDROOM |
| 221A | BATH |
| 222 | BEDROOM |
| 222A | BATH |
| 223 | STOR. |
| 224 | BEDROOM |
| 224A | BATH |
| 225 | BEDROOM |
| 225A | BATH |
| 226 | NURSE'S SUB STATION |
| 227 | BEDROOM |
| 227A | BATH |
| 228 | SPECIAL CARE |
| 228A | BATH |
| 229 | BEDROOM |
| 229A | BATH |
| 230 | CLEAN LINEN |
| 231 | BEDROOM |
| 231A | BATH |
| 232 | BEDROOM |
| 232A | BATH |
| 233 | COMM. |
| 234 | DINING ROOM |
| S204A | STAIRS |
| S221 | STAIRS |

Scale: $3/32" = 1'-0"$

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 PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528



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SECOND FLOOR PLAN - NEW WORK

Approved: Project Director

RENOVATE CLO BUILDING
211 WEST

Chillicothe, Ohio

Date

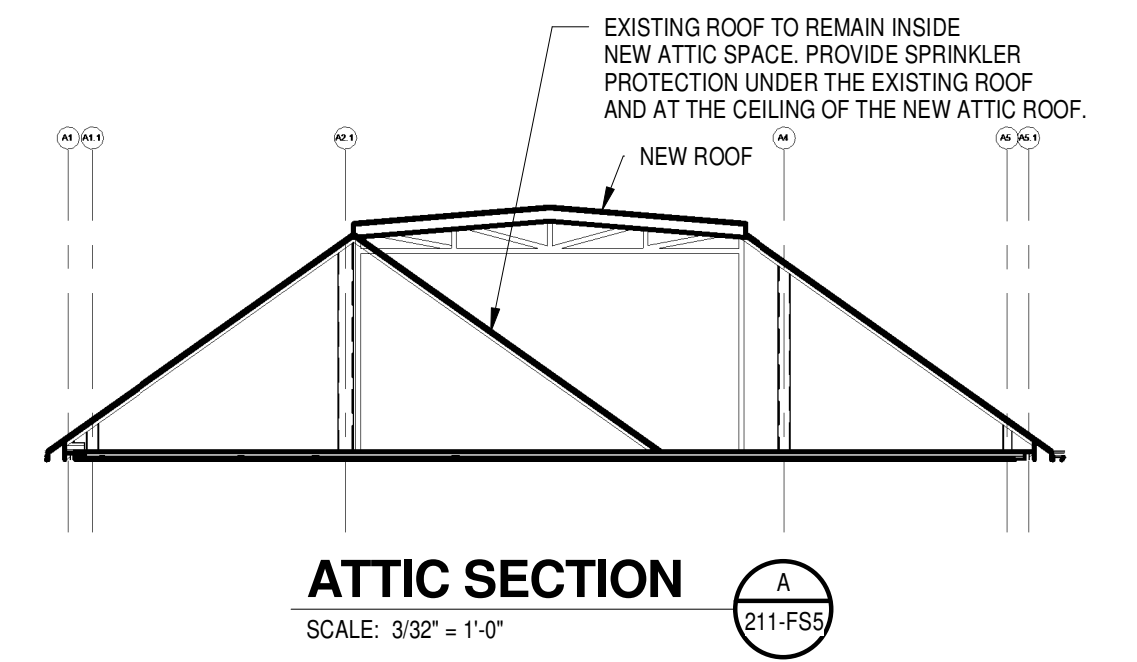
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| | | |
|-----------------|-----------------|----------|
| Project No. | VA Project No. | 538-107 |
| | JPA Project No. | 11001.00 |
| Building Number | | |
| 211 | | |
| Drawing Number | | |
| 211 - FS4 | | |
| Dwg. 62 of 132 | | |

Office of
Construction
and Facilities
Management






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 PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528



| | | | |
|-----------------------------------|---------|-------|----|
| Project Title | | | |
| RENOVATE CLC BUILDING 211 WEST | | | |
| Location | | | |
| Chillicothe, Ohio | | | |
| Date | Checked | Drawn | PP |

| | |
|---|---|
| Project No. VA Project No. 538-107 JPA Project No. 11001.00 | <div>Office of Construction and Facilities Management</div> <div>  Department of Veterans Affairs </div> |
| Building Number 211 | |
| Drawing Number 211 - FS5 | |