

FIRE ALARM NOTES:

1. FIRE ALARM SYSTEM AND DEVICES SHALL BE INSTALLED TO NFPA 72, NFPA 70, NFPA 13, AND ARKANSAS FIRE PREVENTION CODE.
2. ALL FIRE ALARM INSTALLATIONS, INCLUDING PULLING OF WIRE AND MOUNTING OF DEVICES, SHALL HAVE OVERSIGHT OF A NICET LEVEL II FIRE ALARM TECHNICIAN OR HIGHER.
3. THE CURRENTLY PUBLISHED EDITION OF NFPA STANDARDS SHALL APPLY TO THIS DESIGN.
4. ALL FIRE ALARM CABLE SHALL BE RUN IN CONDUIT.
5. THESE DESIGN DOCUMENTS PROVIDE GENERAL SPACING, LOCATION, AND COORDINATION CRITERIA. CONTRACTOR SHALL BE RESPONSIBLE FOR CIRCUIT CONFIGURATION, SYSTEM PERFORMANCE, SOFTWARE CONFIGURATION, DEVICE PROGRAMMING, SYSTEM COMMISSIONING, AND SYSTEM WARRANTY.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING FINAL SHOP DRAWINGS AND CUT SHEETS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BEGINNING INSTALLATION.
7. NO FIRE ALARM DOCUMENTS/PLANS SHALL BE USED FOR INSTALLATION OF THIS SYSTEM UNLESS THEY CONTAIN A REVIEW AND APPROVAL STAMP FROM CROMWELL ARCHITECTS ENGINEERS. CROMWELL AND/OR THE LOCAL AHJ HAS THE AUTHORITY TO STOP ANY WORK UNTIL SUCH PLANS ARE ON SITE AND IN USE.
8. SEPARATE FIRE ALARM SPECIFICATIONS CONTAIN VERY DETAILED INFORMATION ABOUT THIS SYSTEM AND SHALL BE FOLLOWED, ON-SITE AND AVAILABLE DURING ANY CONSTRUCTION.

LOCATION/SPACING

1. IN ACCORDANCE WITH 2002 NFPA 72, STROBES MAY BE MORE THAN 15 FEET OFF THE END OF A CORRIDOR WHEN ROOM SPACING CRITERIA APPLIES USING THE APPROPRIATE CANDELA.
2. HORN, STROBES, OR HORN/STROBES THAT ARE WALL MOUNTED SHALL BE AT 96" AFF OR 6" BELOW THE CEILING, WHICHEVER IS LOWER. CEILING DEVICES ARE PERMITTED AND SHALL BE LOCATED CENTER OF TILE.
3. ALL CONDUIT SHALL BE RUN IN THE FLOOR SPACE ABOVE THE FLOOR TO BE PROTECTED AND STUBBED THROUGH THE ROOF STRUCTURE. CONDUIT ON THE FOURTH FLOOR SHALL BE RUN IN THE CEILING SPACE AND BE PAINTED PER SPECIFICATION 09900.
4. ALL SMOKE AND HEAT DETECTORS SHALL BE LOCATED WHERE THEY CAN BE READILY SERVICED.
5. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 12" OF THE CEILING.
6. SMOKE AND HEAT DETECTORS SHALL NOT BE INSTALLED WITHIN 3' OF AN AIR-SUPPLY OR RETURN GRILL PER MFG CRITERIA AND APPENDIX "A" OF NFPA 72.
7. EACH POWER BOOSTER PANEL OR FIRE ALARM PANEL SHALL BE PROTECTED BY A SMOKE DETECTOR. POWER BOOSTER PANELS ARE SHOWN ON PLANS AND SHALL BE LOCATED IN MECHANICAL ROOMS OF THIRD FLOOR. COORDINATE EXACT LOCATION WITH MECHANICAL AND PLUMBING EQUIPMENT LOCATION IN THE FIELD. WHEN PROVIDED, AREA DETECTORS WITHIN THE SAME SPACE WILL SATISFY THIS REQUIREMENT.
8. AIR HANDLER SYSTEMS OVER 2,000 CFM SHALL BE PROVIDED WITH MEANS TO SHUT DOWN UPON THE DETECTION OF SMOKE. THESE DETECTORS SHALL NOT INITIATE BUILDING EVACUATION.
9. DAMPER AND HVAC SMOKE DETECTORS SHALL BE PROVIDED BY THE FIRE ALARM CONTRACTOR AND LISTED WITH THE FIRE ALARM SYSTEM.
10. EACH FLOOR SHALL BE SPLIT UP INTO TWO SEPARATE ZONES. SEE FIRE ALARM SHEETS FOR ZONE BOUNDARY.
11. SMOKE DETECTORS SHALL BE PLACED UNDER EACH BRIDGE AND AT THE CEILING LEVEL OF THE FOURTH FLOOR FOR THE ACTIVATION OF THE FIRE SHUTTER. COORDINATE WITH FIRE SHUTTER INSTALLER.
12. UPON ACTIVATION OF WATER FLOW ALARM OR LOBBY SMOKE DETECTOR THE FIRE SHUTTER SHALL SHUT. SMOKE DETECTORS SHALL BE MOUNTED BELOW BRIDGE AT EACH FLOOR. DETECTORS SHALL BE MOUNTED TO BOTTOM OF WOOD COVERING BOTTOM OF BRIDGE.
13. RELAYS FOR EMERGENCY DOOR RELEASE SHALL BE COORDINATED IN THE FIELD.

PERFORMANCE

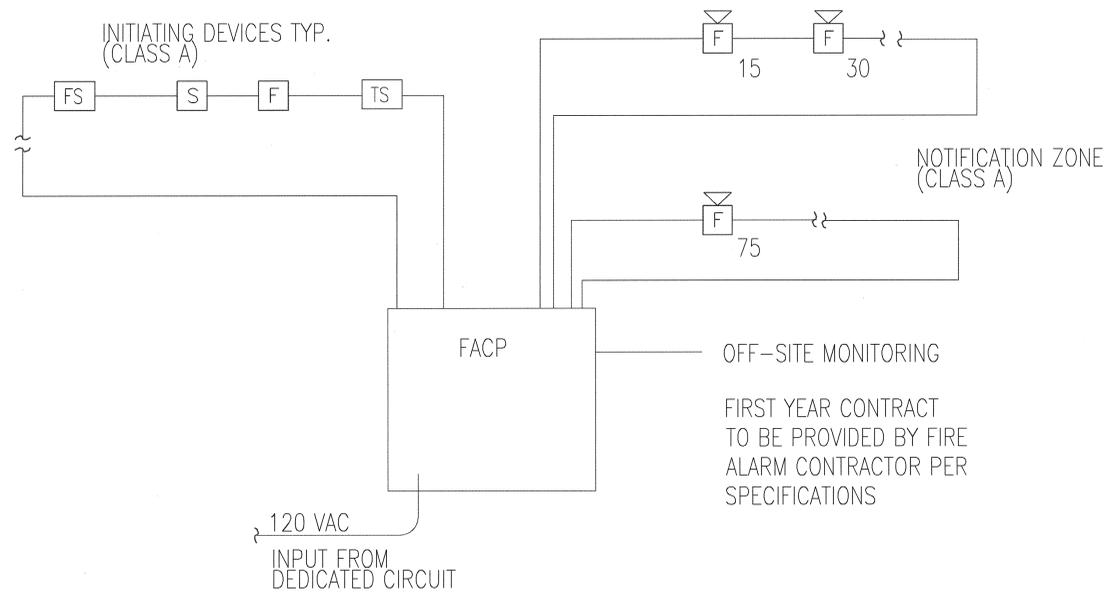
1. ANY SMOKE DETECTOR THAT HAS BEEN INSTALLED PRIOR TO THE CONSTRUCTION CLEANUP OF ALL TRADES AND WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER AND LOCAL AHJ SHALL BE MARKED IN A MANNER THAT WILL IDENTIFY IT FROM RE-USE AND SHALL BE REPLACED PRIOR TO COMMISSIONING OF THE SYSTEM OR TURNING OVER TO THE OWNER. SUCH DETECTORS SHALL BE REPLACED AT THE SOLE EXPENSE OF THE INSTALLING CONTRACTOR.
2. DUCT DETECTORS SHALL BE MONITORED FOR INTEGRITY AND PROVIDE A SUPERVISORY SIGNAL AT THE FIRE ALARM PANEL. AIR HANDLER SYSTEMS SHALL BE RAN AND BLOWN OUT PRIOR TO INSTALLATION OF SMOKE DETECTORS.
3. FIRE ALARM AUDIBLE ALERT SIGNALS SHALL BE SET TO TEMPORAL 3 TONE.
4. UNLESS OTHERWISE NOTED THE FOLLOWING MINIMUM SURVIVABILITY CRITERIA SHALL BE MET: SIGNALING LINE CIRCUITS CLASS "A", AND NOTIFICATION CIRCUITS CLASS "A".
5. FIRE ALARM SYSTEM SHALL BE CAPABLE OF INTEGRATION WITH THE BUILDING MANAGEMENT SYSTEM WITH POINT ID AND GRAPHICS. MONITORING SHALL BE PROVIDED AT MINIMUM. CONTROL ABILITIES SHALL BE UL LISTED FOR FIRE ALARM SERVICE (UL 864).

COMMISSIONING

1. A COMPLETED AND SIGNED RECORD (CERTIFICATE) OF COMPLETION FORM SHALL BE PROVIDED BY THE CONTRACTOR TO THE AHJ, OWNER, AND ARCHITECT ENGINEER PRIOR TO COMMISSION TESTING. THIS CERTIFICATE SHALL CERTIFY THAT THE CONTRACTOR HAS PRE-TESTED EVERY DEVICE AND FUNCTION OF THE SYSTEM AND REPAIRED ANY DEFICIENCIES PRIOR TO THE COMMISSIONING TEST.
2. ALL SMOKE DETECTORS SHALL BE COMMISSIONED USING CANNED SMOKE OR A METHOD THAT WILL FUNCTIONALLY TEST THE SMOKE CHAMBER. THE USE OF MAGNETS FOR COMMISSION TESTING OF SMOKE DETECTORS IS STRICTLY PROHIBITED.
3. EACH AND EVERY DEVICE SHALL BE TESTED DURING COMMISSIONING AND PRIOR TO BEING TURNED OVER TO THE OWNER.
4. EACH NOTIFICATION CIRCUIT SHALL BE TESTED UNDER STANDBY/BATTERY POWER. END-OF-LINE VOLTAGE READINGS SHALL BE TAKEN THE BOOSTER PANEL FOR CLASS "A" CIRCUITS. ANY CIRCUIT THAT MEASURES LESS THAN 20 VOLTS DC OR THE NAMEPLATE VOLTAGE, WHICHEVER IS HIGHER, SHALL BE CONSIDERED AS FAILING THE DESIGN. NOTE: SOME SYSTEMS INCORPORATING SYNCHRONIZING MODULES CAN IMPAIR RESULTS. IF THE MODULE CANNOT BE BYPASSED FOR VOLTAGE READINGS, THE MANUFACTURER SHOULD BE CONTACTED FOR GUIDANCE. WHEN VOLTAGE CANNOT BE MEASURED, CIRCUIT WIRE RESISTANCE READINGS AND DEVICE LOAD MAY BE COMPARED TO DESIGN CALCULATIONS (MAKE SURE CIRCUIT IS REMOVED FROM POWER SUPPLY WHEN OBTAINING WIRE RESISTANCE). ONLY A QUALIFIED TECHNICIAN EMPLOYED BY THE INSTALLING CONTRACTOR SHOULD PERFORM THIS FUNCTION.
5. EACH CIRCUIT'S END-OF-LINE VOLTAGE SHALL BE DOCUMENTED FOR COMPARISON TO THE DESIGN END-OF-LINE CALCULATIONS.

FIRE ALARM LEGEND

- xx CEILING MOUNT HORN/STROBE @ xx CANDELA
- xx CEILING MOUNT STROBE @ xx CANDELA
- S SUPPLY, R RETURN
- SMOKE DETECTOR/RELAY FOR SMOKE DAMPER
- MANUAL PULL STATION
- HEAT DETECTOR
- SMOKE DETECTOR
- CEILING MOUNT FIRE ALARM HORN
- FLOW SWITCH
- TAMPER SWITCH
- REMOTE ANNUNCIATOR CONTROL PANEL
- FIRE ALARM CONTROL PANEL
- RELAY MODULE



1 FIRE ALARM RISER DETAIL

CONSULTANTS:

- OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.
- CIVIL ENGINEER:
McCLELLAND ENGINEERS
- LANDSCAPE ARCHITECT:
LARSON BURNS SMITH
- STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.
- MECH. ELEC. PLUMB ENGINEER:
CROMWELL ENGINEERS INC.
- SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS
- GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES
- INTERIOR DESIGNER:
POLK STANLEY YEARY
- GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5
REVISIONS:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5
REVISIONS:

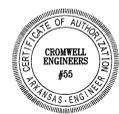
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Δ	1-16-04	ADDENDUM #1
Δ	7-1-04	PACKAGE 7, 100% ROLL-UP
Δ	7-1-04	PACKAGE 7, 100% ROLL-UP

HEIFER INTERNATIONAL CENTER OFFICE BUILDING
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FIRE ALARM DETAILS

SHEET NUMBER:
FA001



CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

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ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

#	DATE	DESCRIPTION
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▲	1-23-04	PACKAGE 5-ADDM. 02
▲	7-1-04	PACKAGE 7, 100% ROLL-UP

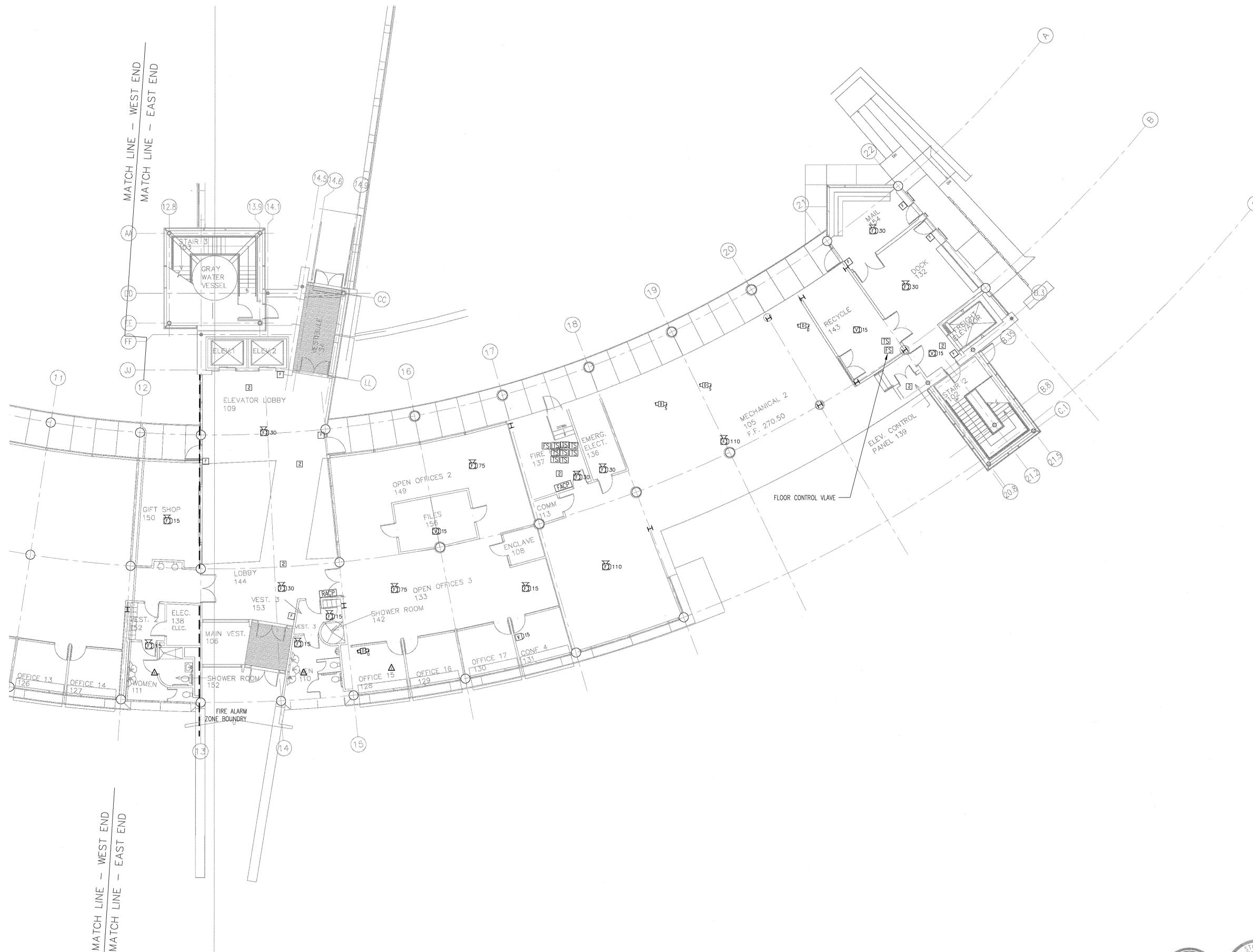
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CENTER
OFFICE BUILDING**

LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FIRST FLOOR FIRE ALARM
PLAN - EAST END

SHEET NUMBER:
FA101a



1 FIRST FLOOR FIRE ALARM PLAN – EAST END
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 12/15/03 10:00 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
NOVEMBER 15, 2005
CORRECTIONAL FOUNDATION
PACKAGE #3

REVISIONS:

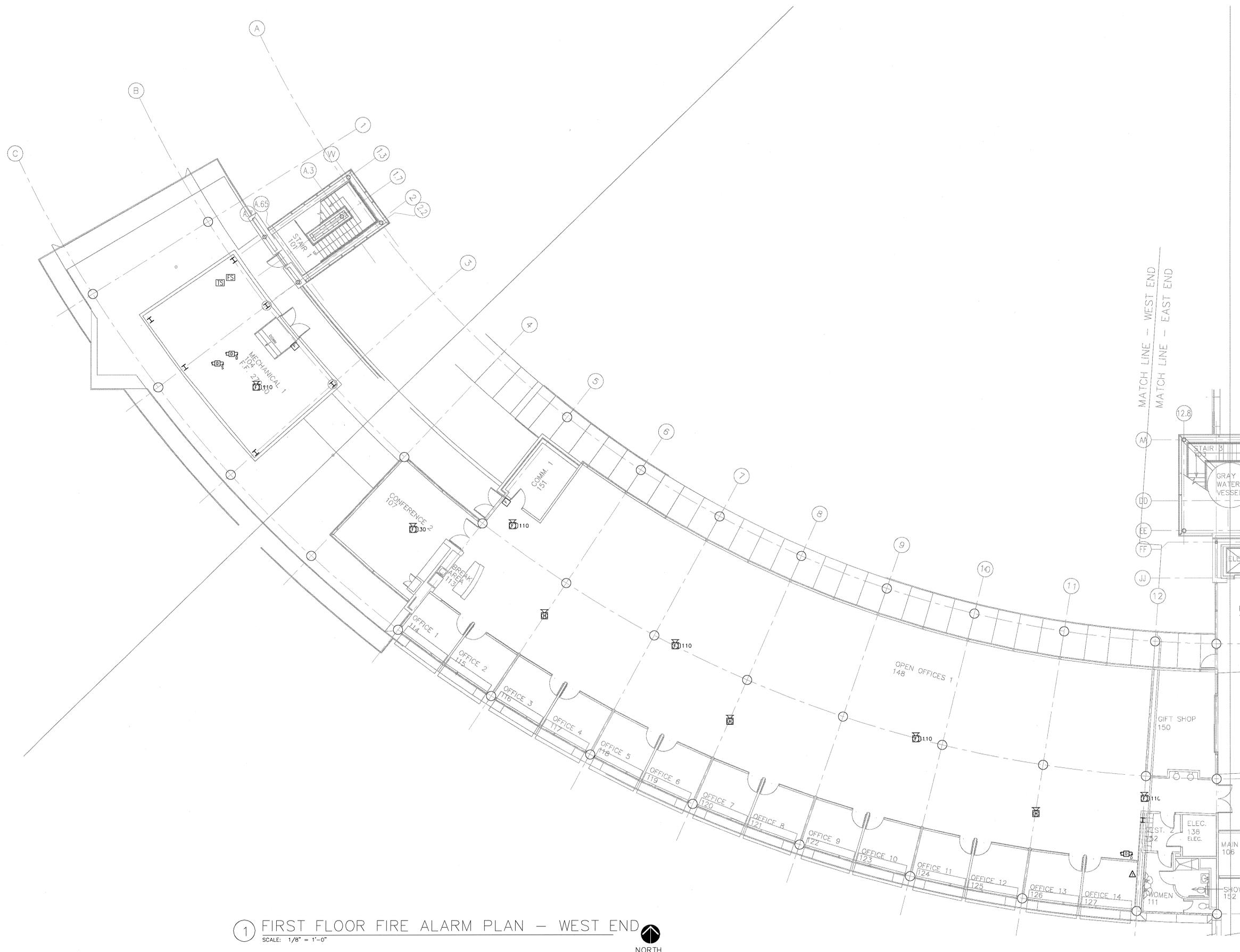
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2	1-23-04	PACKAGE 5-ADDM. 02
3	7-1-04	PACKAGE 7, 100% ROLL-UP

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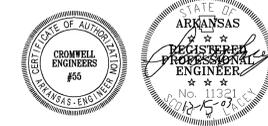
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FIRST FLOOR FIRE ALARM
PLAN - WEST END
SHEET NUMBER:
FA101b



1 FIRST FLOOR FIRE ALARM PLAN - WEST END
SCALE: 1/8" = 1'-0"
NORTH



CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

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3	7-1-04	PACKAGE 7, 100% ROLL-UP

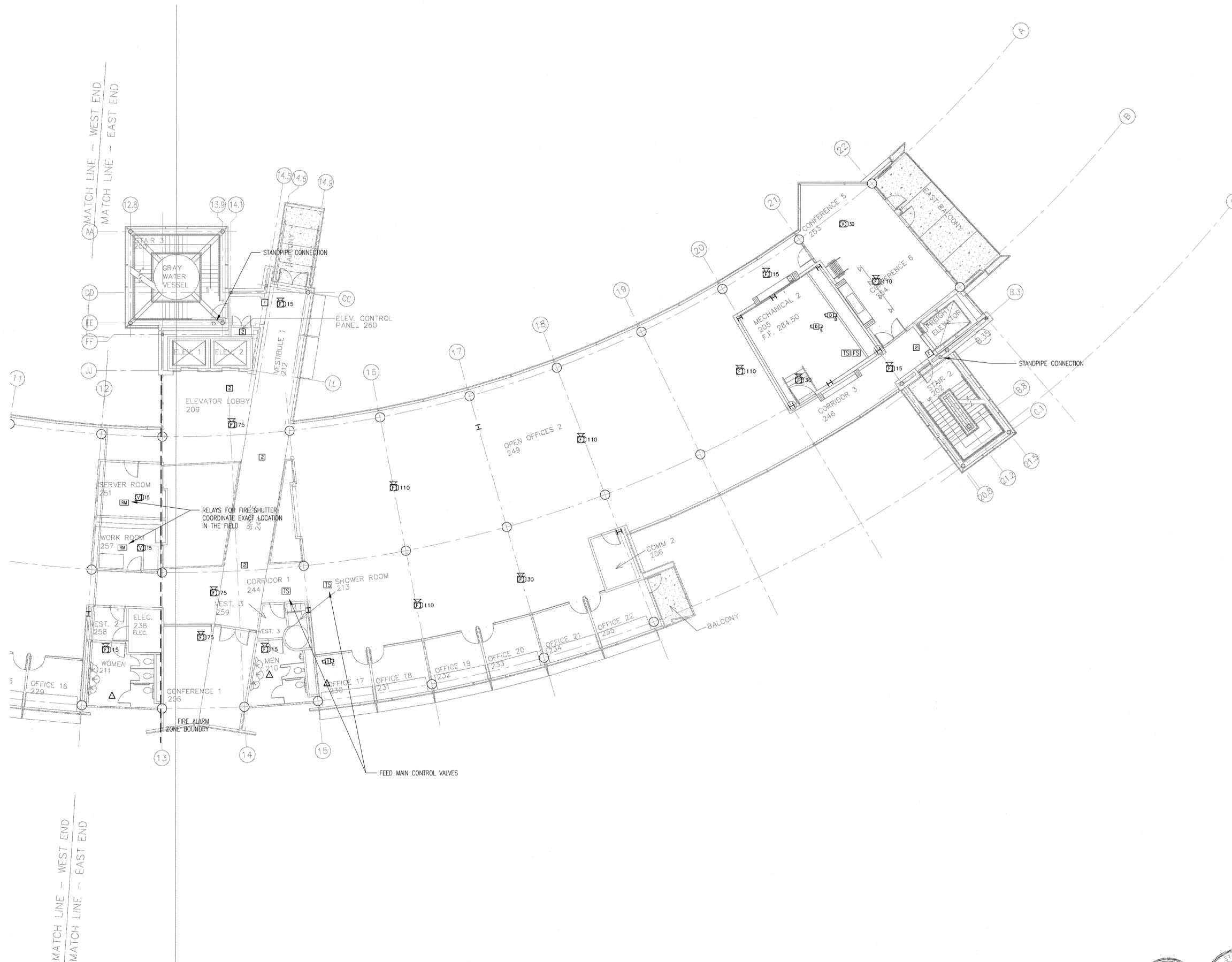
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OFFICE BUILDING**

LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
SECOND FLR FIRE ALARM
PLAN - EAST END

SHEET NUMBER:
FA102a



1 SECOND FLOOR FIRE ALARM PLAN – EAST END
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 12/15/03 10:58 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

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ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

#	DATE	DESCRIPTION
1	1-23-04	PACKAGE 5-ADDM. 02
2	7-1-04	PACKAGE 7, 100% ROLL-UP

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LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
SECOND FLR FIRE ALARM
PLAN - WEST END

SHEET NUMBER:
FA102b



1 SECOND FLOOR FIRE ALARM PLAN - WEST END
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 12/15/03 10:58 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

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ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

#	DATE	DESCRIPTION
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3	7-1-04	PACKAGE 7, 100% ROLL-UP

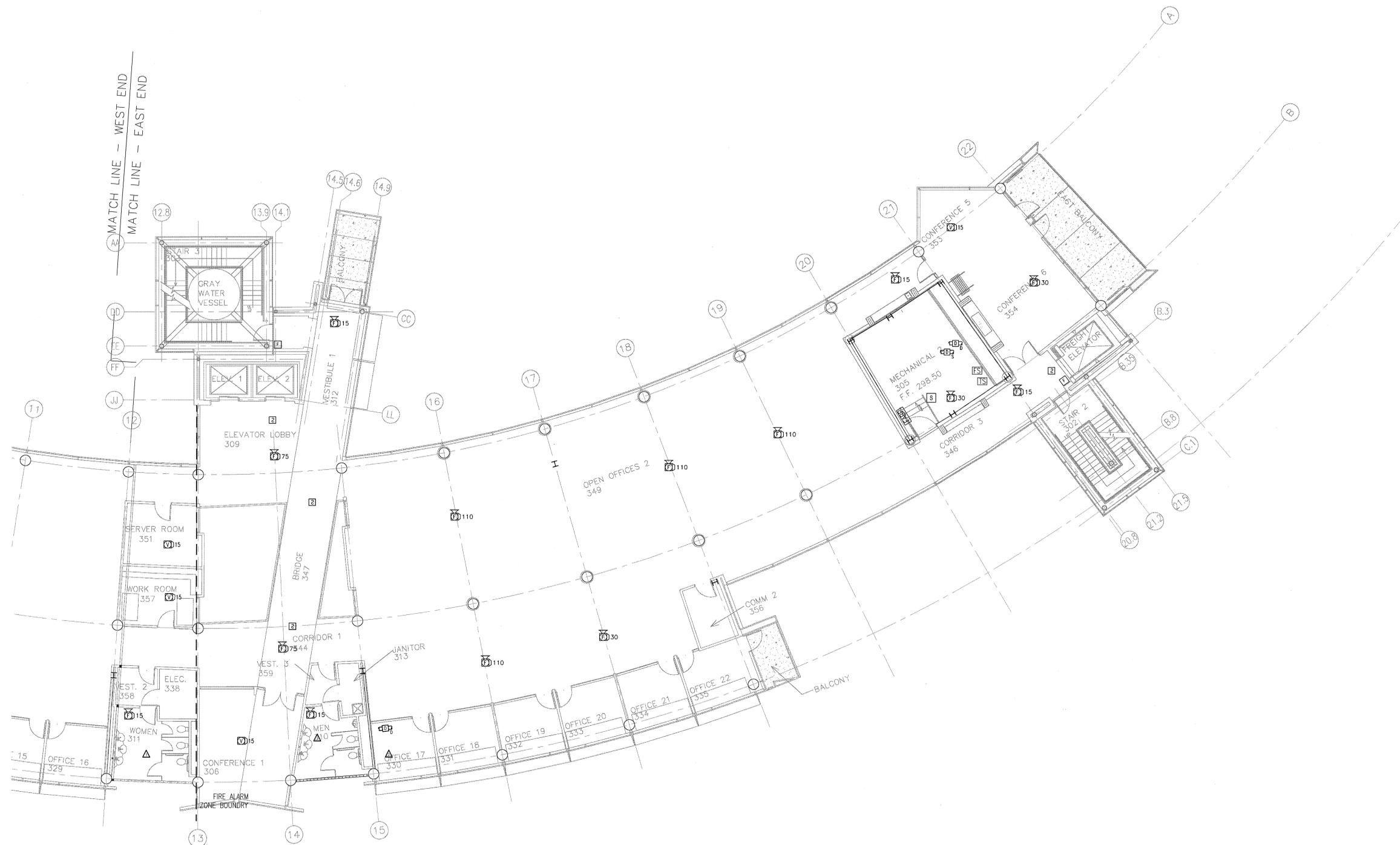
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LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
THIRD FLOOR FIRE ALARM
PLAN - EAST END

SHEET NUMBER:
FA103a



MATCH LINE -- WEST END
MATCH LINE -- EAST END

1 THIRD FLOOR FIRE ALARM PLAN -- EAST END
SCALE: 1/8" = 1'-0"



CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

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CORE/SHELL
PACKAGE #5

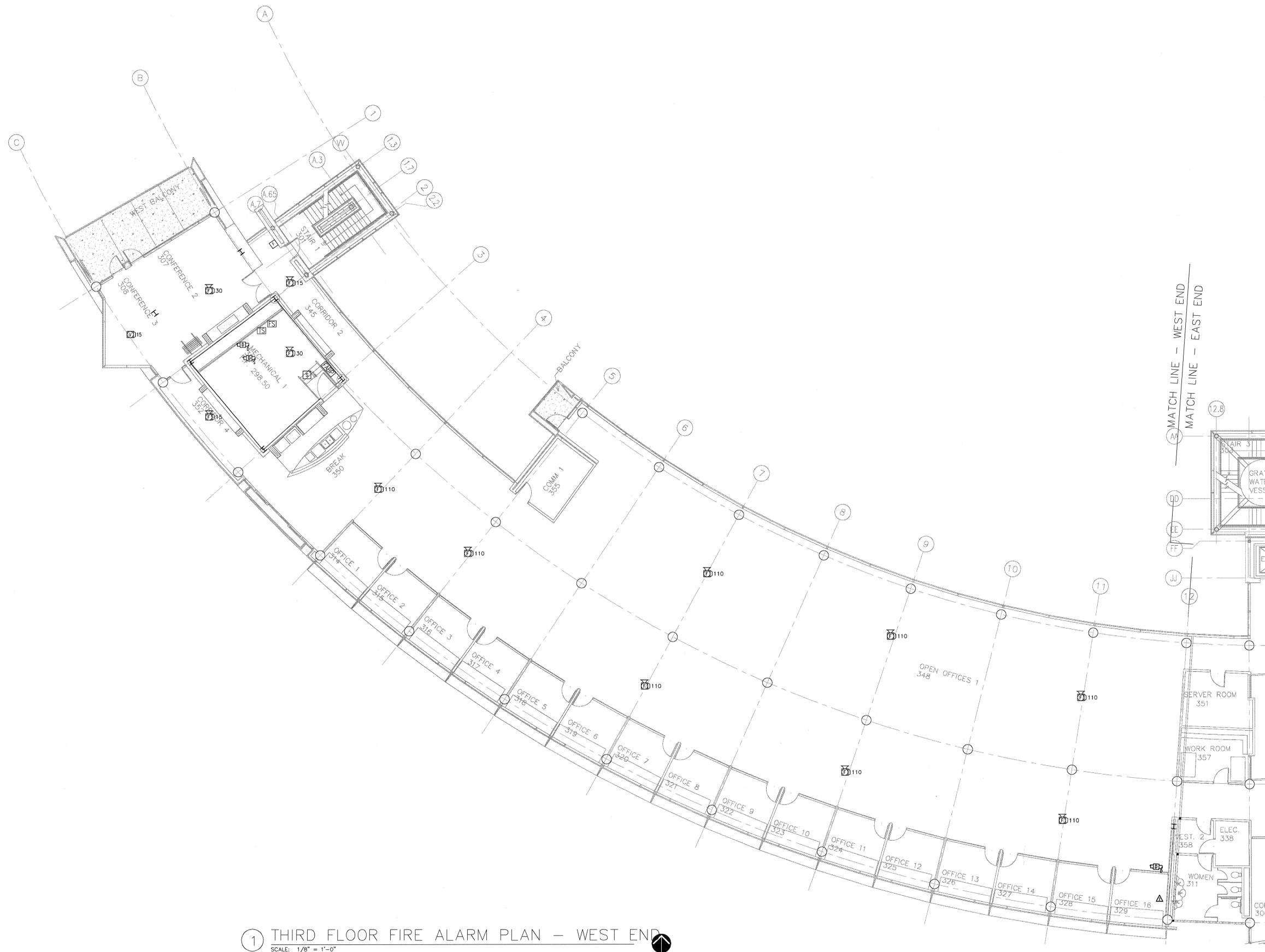
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2	7-1-04	PACKAGE 7, 100% ROLL-UP

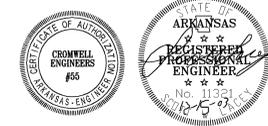
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LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
THIRD FLOOR FIRE ALARM
PLAN - WEST END
SHEET NUMBER:
FA103b



1 THIRD FLOOR FIRE ALARM PLAN - WEST END
SCALE: 1/8" = 1'-0"
NORTH



DATE PLOTTED: 12/15/03 10:58 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

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CORE/SHELL
PACKAGE #5

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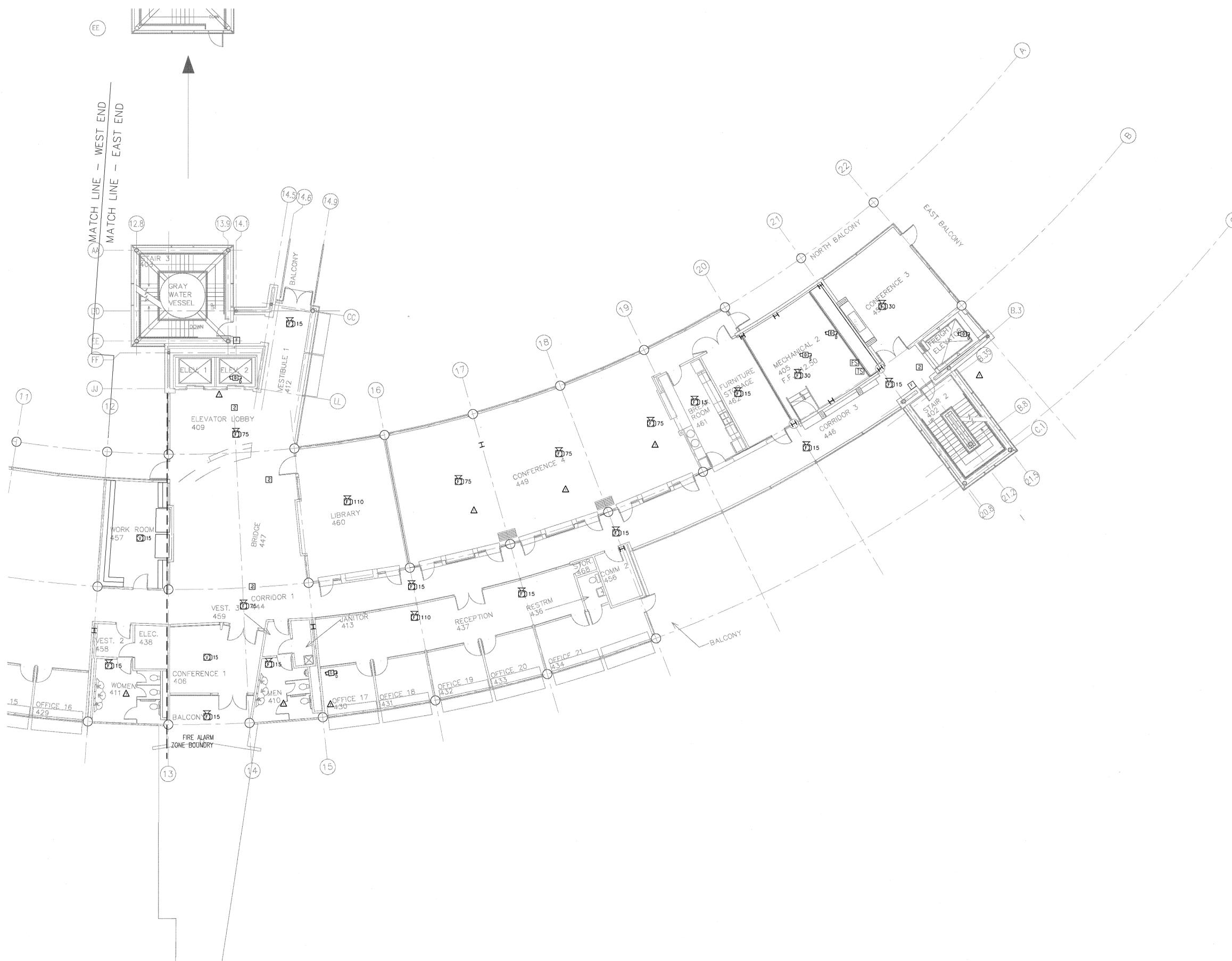
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LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FOURTH FLR FIRE ALARM
PLAN - EAST END

SHEET NUMBER:
FA104a



1 FOURTH FLOOR FIRE ALARM PLAN – EAST END
SCALE: 1/8" = 1'-0"



CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
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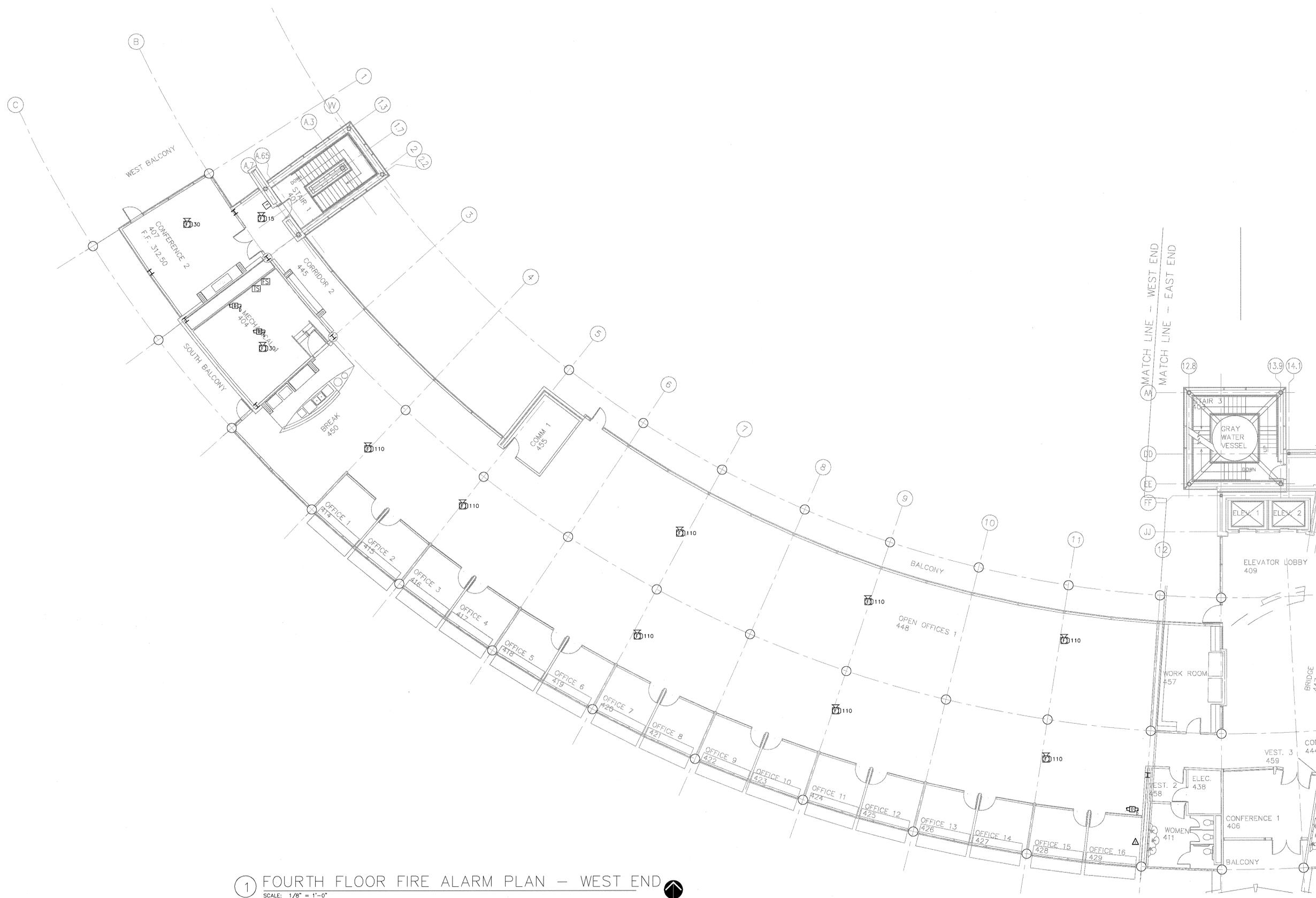
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LITTLE ROCK, ARKANSAS

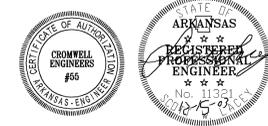
PSY PROJECT NUMBER:
431C

CONTENTS:
FOURTH FLR FIRE ALARM
PLAN - WEST END

SHEET NUMBER:
FA104b



① FOURTH FLOOR FIRE ALARM PLAN - WEST END
SCALE: 1/8" = 1'-0"
NORTH



DATE PLOTTED: 12/15/03 10:00 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
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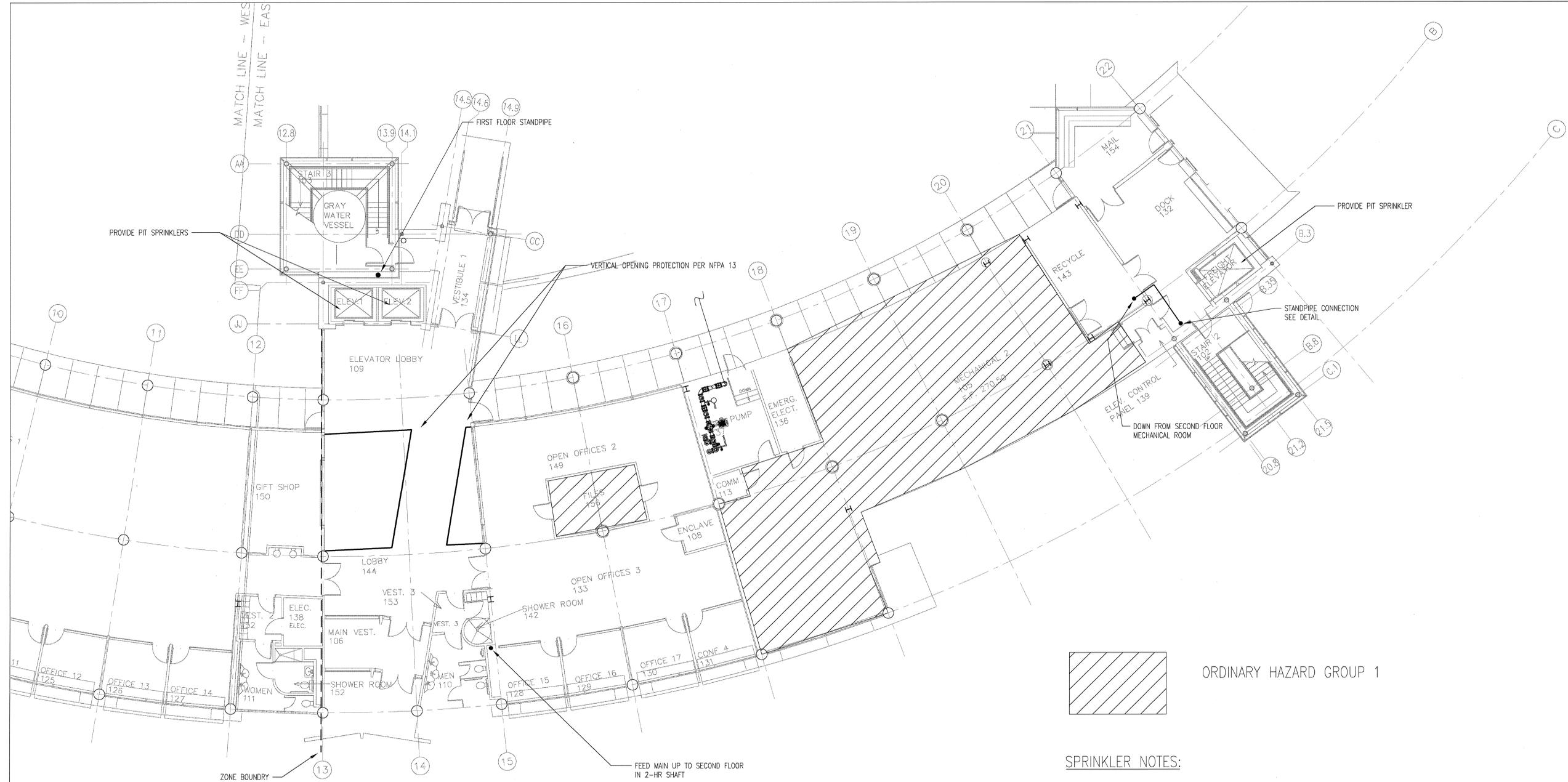
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3	7-1-04	PACKAGE 7, 100% ROLL-UP

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OFFICE BUILDING**

LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FIRST FLOOR FIRE SPRK
PLAN - EAST END
SHEET NUMBER:
FP101a



ORDINARY HAZARD GROUP 1

SPRINKLER NOTES:

1. A NEW AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED PER NFPA 13 AND ARKANSAS 2002 FIRE PREVENTION CODE.
2. SYSTEM SHALL BE DESIGNED BASED UPON LIGHT HAZARD 0.10 GPM/SQFT OVER 1500 SQFT. AREAS MARKED AS ORDINARY HAZARD GROUP 1 SHALL BE DESIGNED BASED UPON 0.15 GPM/SQFT OVER 1500 SQFT. AREA REDUCTION FOR QUICK RESPONSE SPRINKLERS MAY BE TAKEN WHEN ALLOWED BY CODE.
3. SPRINKLER HEADS SHALL BE CHROME PLATED WITH CHROME ESCUTCHEONS (WHEN NECESSARY IN DROP CEILINGS).
4. SPRINKLER PIPE SHALL BE PAINTED A COLOR CHOSEN BY THE OWNER. SEE ARCHITECTURAL SCHEDULES FOR PIPE COLOR.
5. FEED MAINS AND CROSS MAINS SHALL BE CONTOURED BETWEEN COLUMN LINES TO MATCH THE LAY OF THE BUILDING. USE OF FLEXIBLE JOINTS OR SPECIAL COUPLINGS MAY ACCOMPLISH THIS. SPECIAL CONSIDERATION SHALL BE TAKEN SO THAT JOINTS DO NOT LEAK AND ARE WITHIN MFG TOLERANCE.
6. FEED MAINS SHALL FOLLOW THE PATH SHOWN ON PLANS AS CLOSELY AS POSSIBLE.
7. DETAILED SPECIFICATIONS ARE INCLUDED SEPARATELY AND DESCRIBE NECESSARY INSTALLER QUALIFICATIONS, INSTALLATION INSTRUCTIONS, PRODUCT LIMITATIONS, AND OTHER PROJECT SPECIFIC INFORMATION. THESE SPECIFICATIONS SHALL BE CLOSELY FOLLOWED. ANY DEVIATIONS FROM THE SPECIFICATIONS SHALL BE APPROVED BY THE ENGINEER.
8. FIRE PUMP SHALL BE RATED FOR 65-PSI AT 1,000-GPM. INITIAL ELECTRICAL IS SIZED FOR 50-HP AT 460-VAC. ANYTHING OTHERWISE INSTALLED WILL REQUIRE APPROVAL OF ELECTRICAL ENGINEER.
9. JOCKEY PUMP SHALL BE RATED FOR 75-PSI AT 10-GPM. INITIAL ELECTRICAL IS SIZED FOR 1-1/2 HP AT 460-VAC. ANYTHING OTHERWISE INSTALLED WILL REQUIRE APPROVAL OF ELECTRICAL ENGINEER.
10. A LOW SUCTION CONTROL DEVICE SHALL BE INSTALLED ON THE DISCHARGE SIDE OF THE PUMP TO PREVENT SUCTION PRESSURE FROM GOING BELOW 20 PSI. PRICE FOR THIS SHALL BE BROKEN OUT FOR POSSIBLE DEDUCT LATER SUBJECT TO AHJ APPROVAL.
11. COORDINATION BETWEEN MECHANICAL, ELECTRICAL, PLUMBING AND FIRE ALARM CONTRACTORS IS CRITICAL BEFORE ANY PIPE IS HUNG.
12. TEST HEADER AND FDC SHALL BE COMBINED IN A VAULT LOCATED NEAR THE RAMP LEADING TO THE LOADING DOCK. COORDINATE WITH ARCHITECT FOR SPECIFICS.

1 FIRST FLOOR FIRE SPRINKLER PLAN - EAST END

SCALE: 1/8" = 1'-0"



MATCH LINE - WEST END
MATCH LINE - EAST END

DATE: 12/15/03
DRAWING NO: 101
SHEET NO: 101a

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARLY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

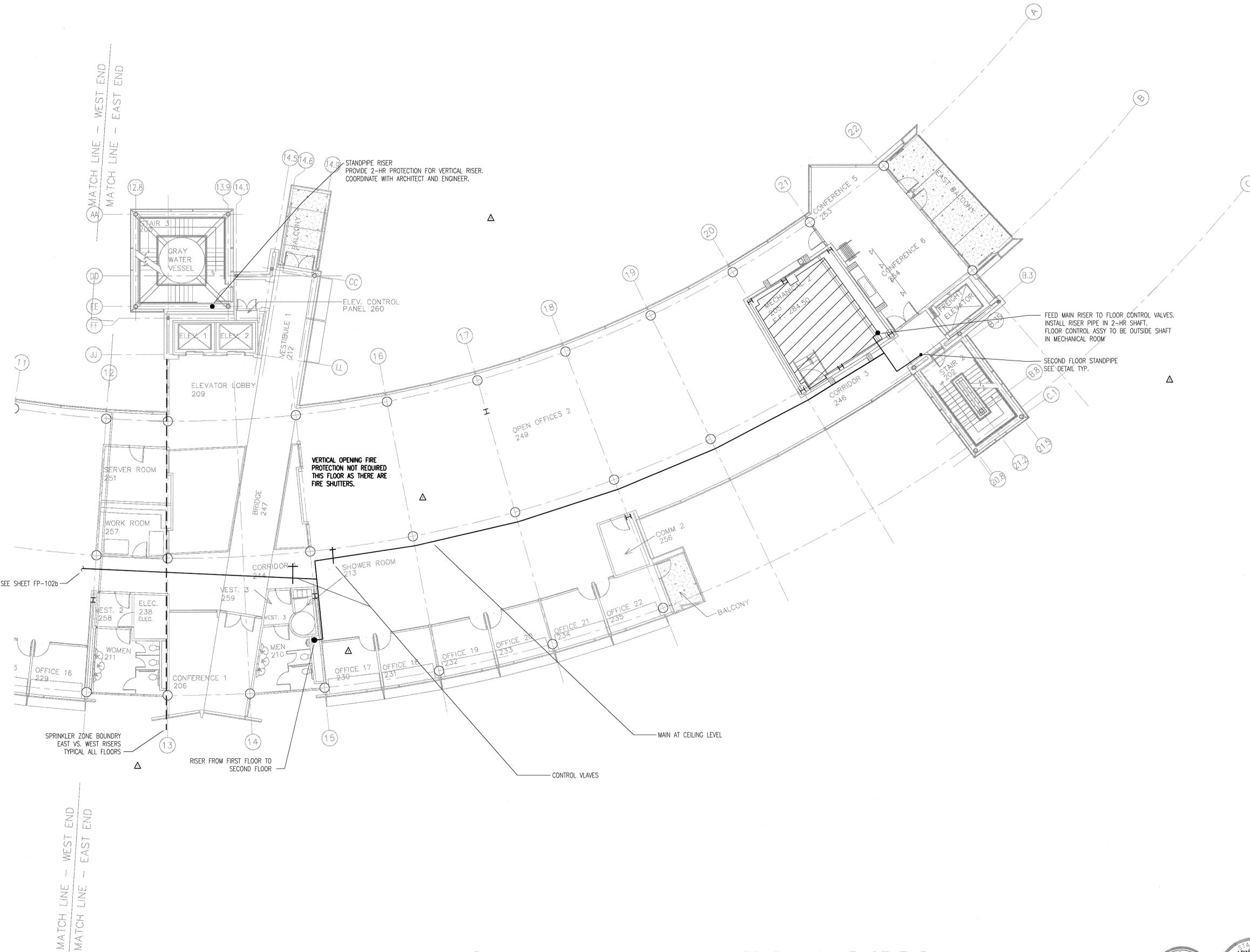
REVISIONS:

#	DATE	DESCRIPTION
1	1-22-04	PACKAGE 5-ADDM. 02
2	7-1-04	PACKAGE 7, 100% ROLL-UP

**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
SECOND FLR FIRE SPRK
PLAN - EAST END
SHEET NUMBER:
FP102a



1 SECOND FLOOR FIRE SPRINKLER PLAN - EAST END
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 12/15/03 10:51 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.
CIVIL ENGINEER:
MCLELLAND ENGINEERS
LANDSCAPE ARCHITECT:
LARSON BURNS SMITH
STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.
MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.
SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS
GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES
INTERIOR DESIGNER:
POLK STANLEY YEARY
GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

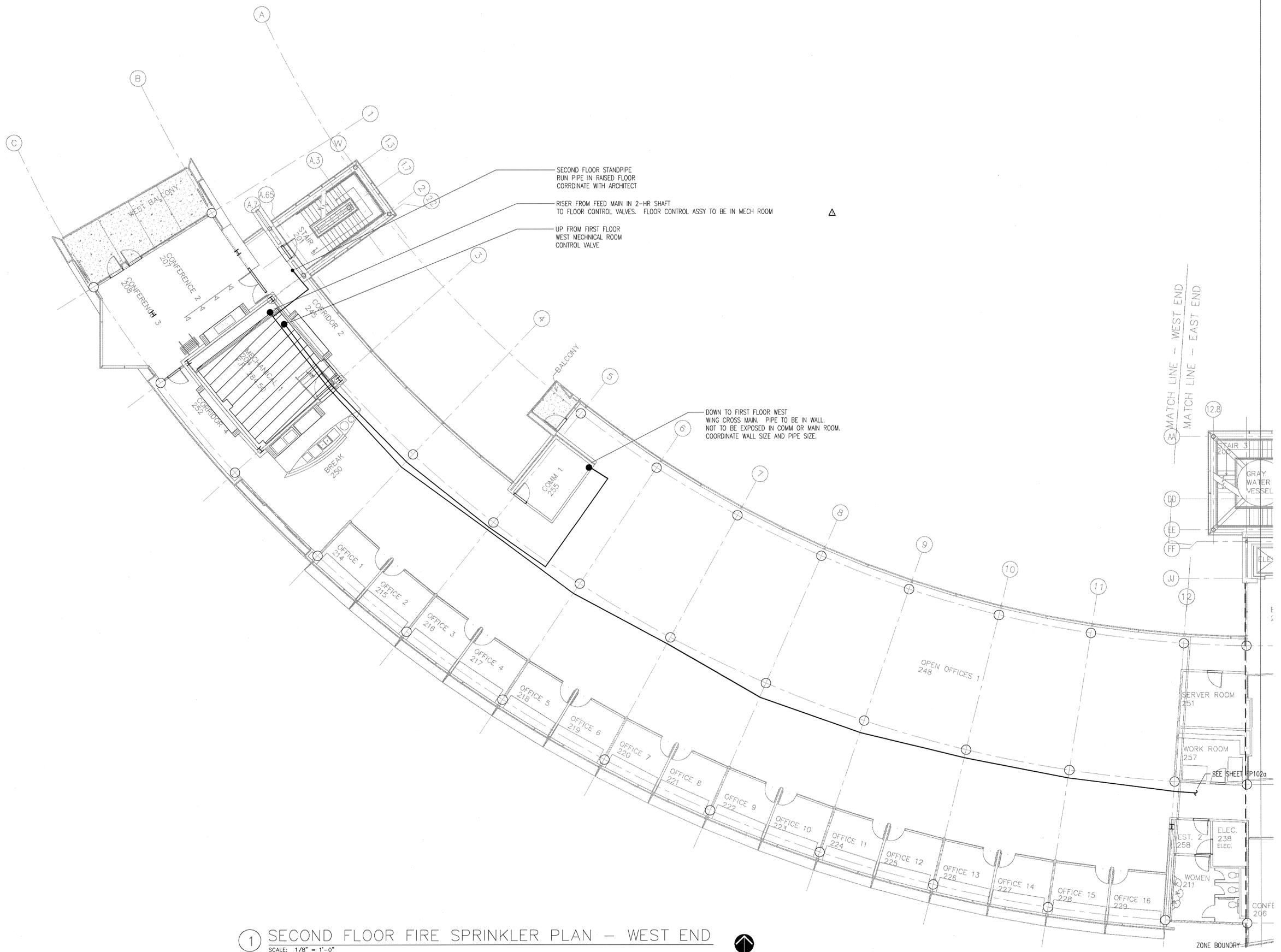
ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5
REVISIONS:

#	DATE	DESCRIPTION
1	1-22-04	PACKAGE 5-ADDM. 02
2	7-1-04	PACKAGE 7, 100% ROLL-UP

**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
SECOND FLR FIRE SPRK
PLAN - WEST END
SHEET NUMBER:
FP102b



1 SECOND FLOOR FIRE SPRINKLER PLAN - WEST END
SCALE: 1/8" = 1'-0"



DATE TIME
DATE TIME
DATE TIME

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

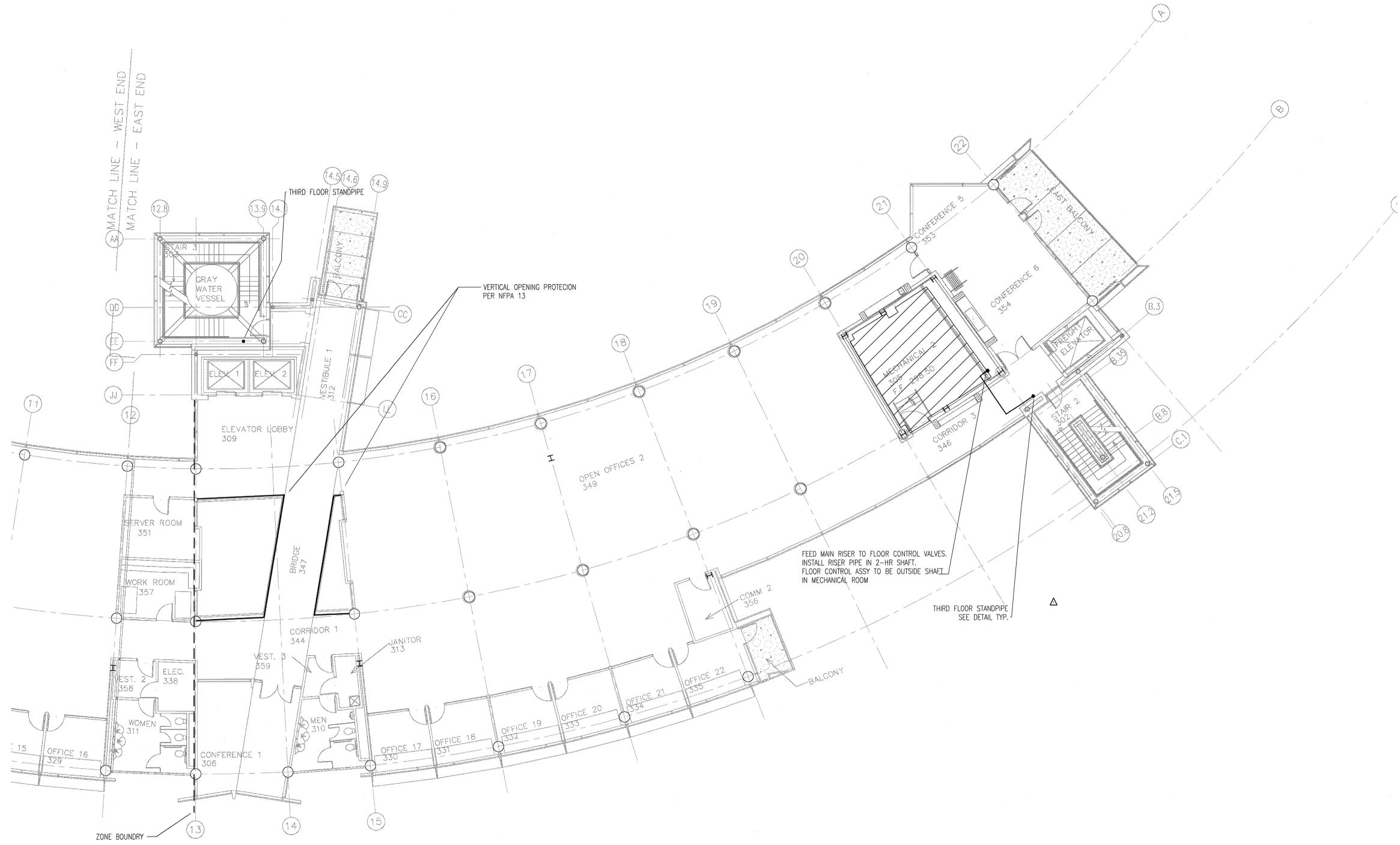
REVISIONS:

#	DATE	DESCRIPTION
△	1-22-04	PACKAGE 5-ADDM. 02
△	7-1-04	PACKAGE 7, 100% ROLL-UP

**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
THIRD FLOOR FIRE SPRK
PLAN - EAST END
SHEET NUMBER:
FP103a



① **THIRD FLOOR FIRE SPRINKLER PLAN – EAST END**
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 12/15/03 10:51 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARLY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

- _____
- _____
- _____
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- _____
- _____
- _____

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

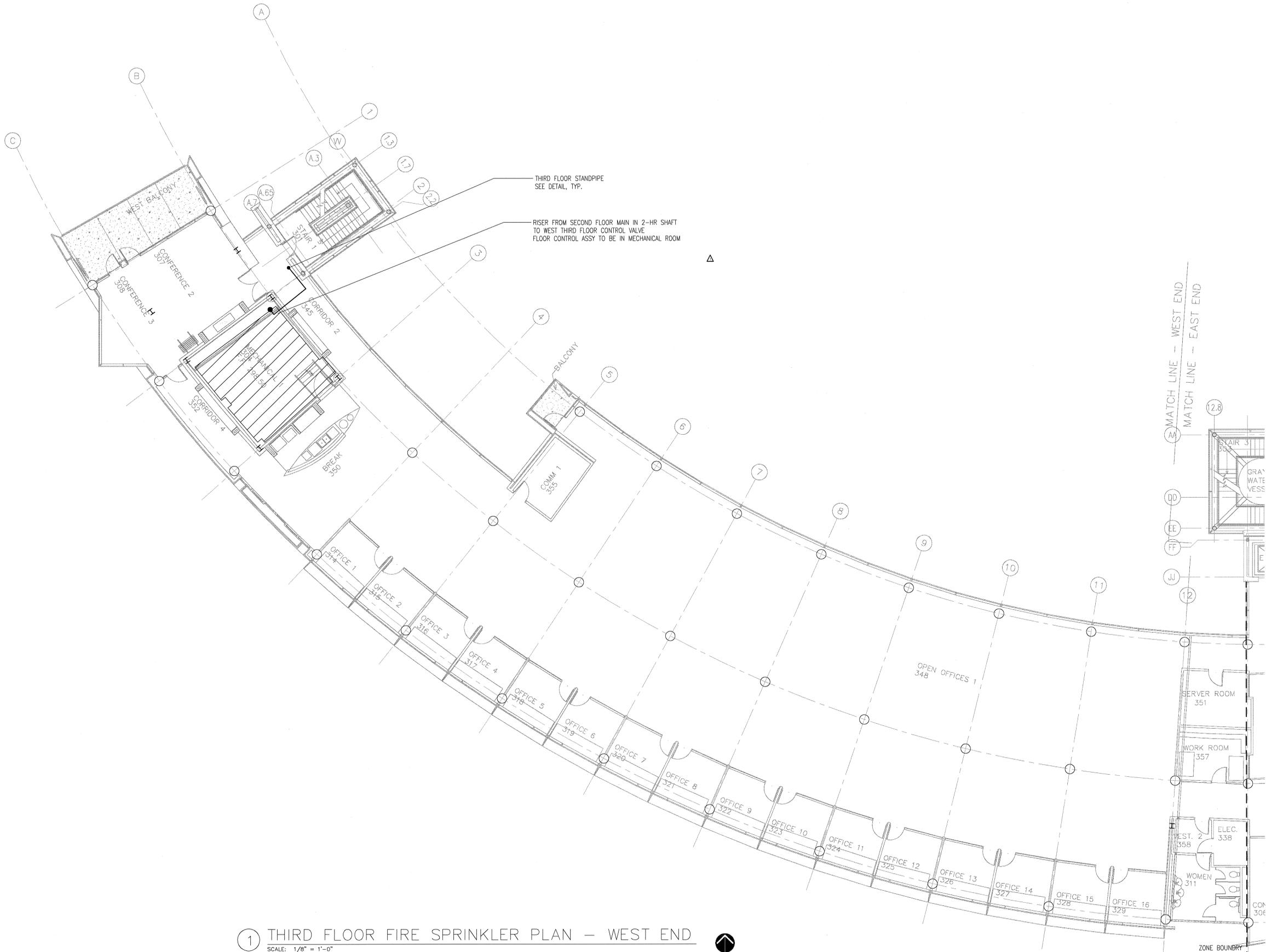
REVISIONS:

#	DATE	DESCRIPTION
1	1-22-04	PACKAGE 5-ADDM. 02
2	7-1-04	PACKAGE 7, 100% ROLL-UP

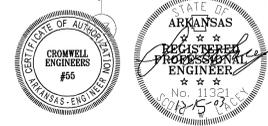
**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
THIRD FLOOR FIRE SPRK
PLAN - WEST END
SHEET NUMBER:
FP103b



1 THIRD FLOOR FIRE SPRINKLER PLAN - WEST END
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 01/10/05 10:51 AM

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

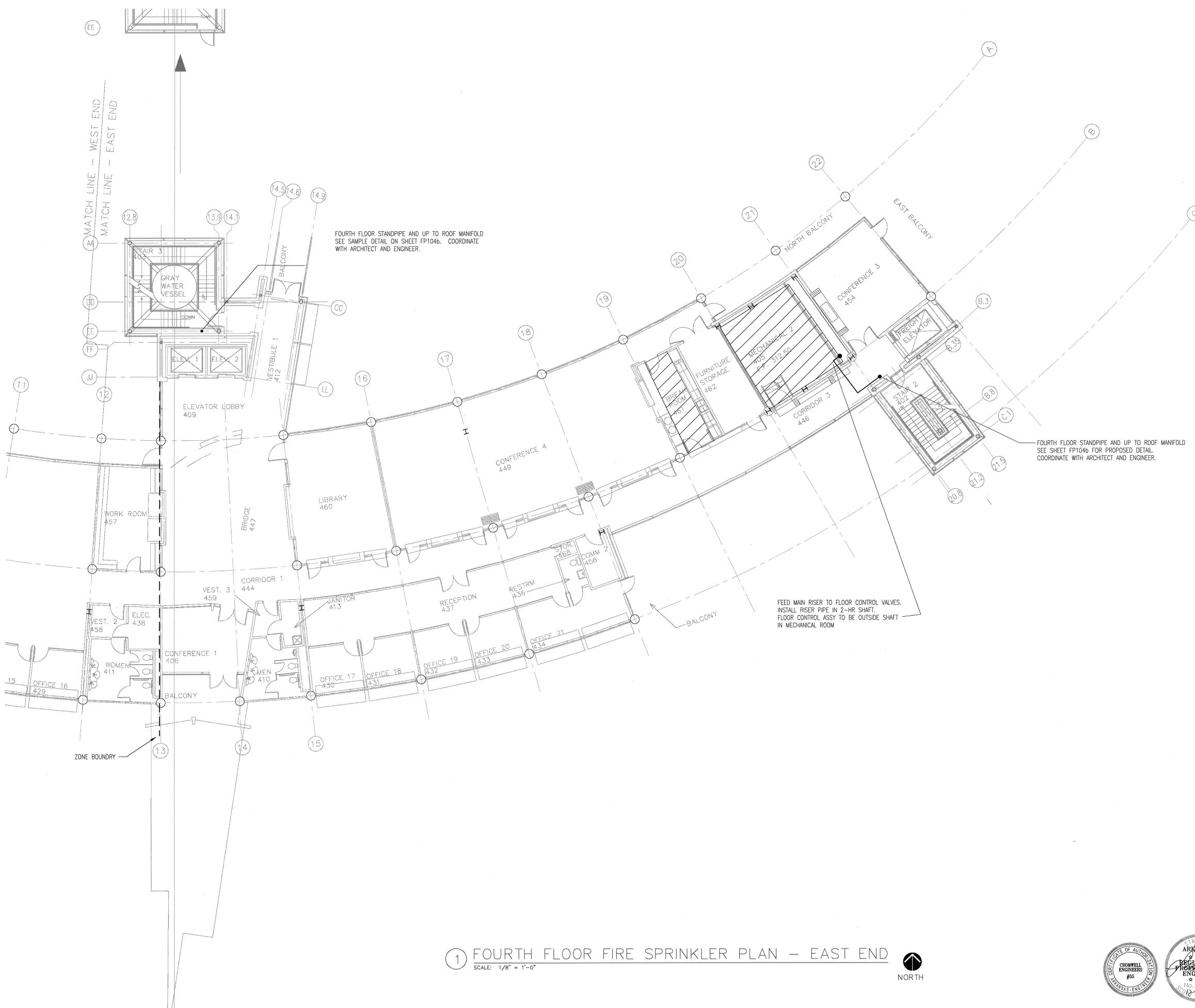
ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5
REVISIONS:

#	DATE	DESCRIPTION
1	1-22-04	PACKAGE 5-ADDM. 02
2	7-1-04	PACKAGE 7, 100% ROLL-UP

**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FOURTH FLOOR FIRE SPRK
PLAN - EAST END
SHEET NUMBER:
FP104a



1 FOURTH FLOOR FIRE SPRINKLER PLAN - EAST END
SCALE: 1/8" = 1'-0"



DATE PLOTTED: 12/15/03 10:58 AM



CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
McCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

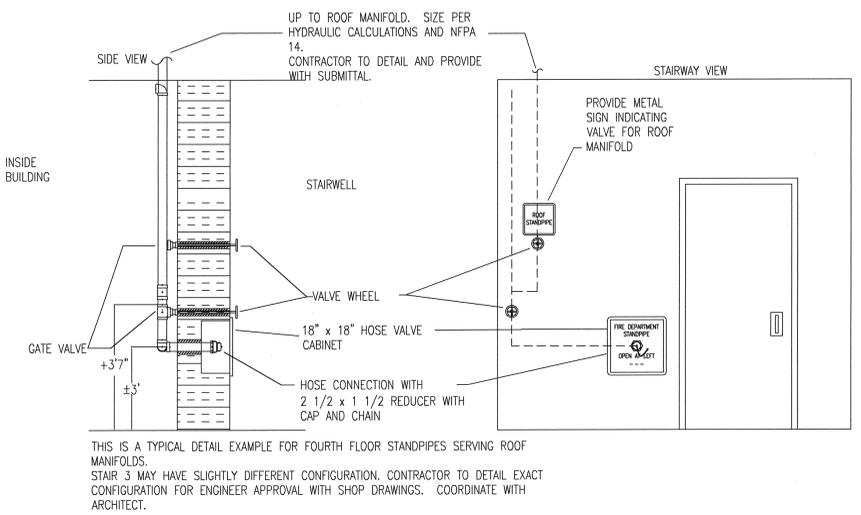
#	DATE	DESCRIPTION
1	1-22-04	PACKAGE 5-ADDM. 02
2	7-1-04	PACKAGE 7, 100% ROLL-UP

**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**

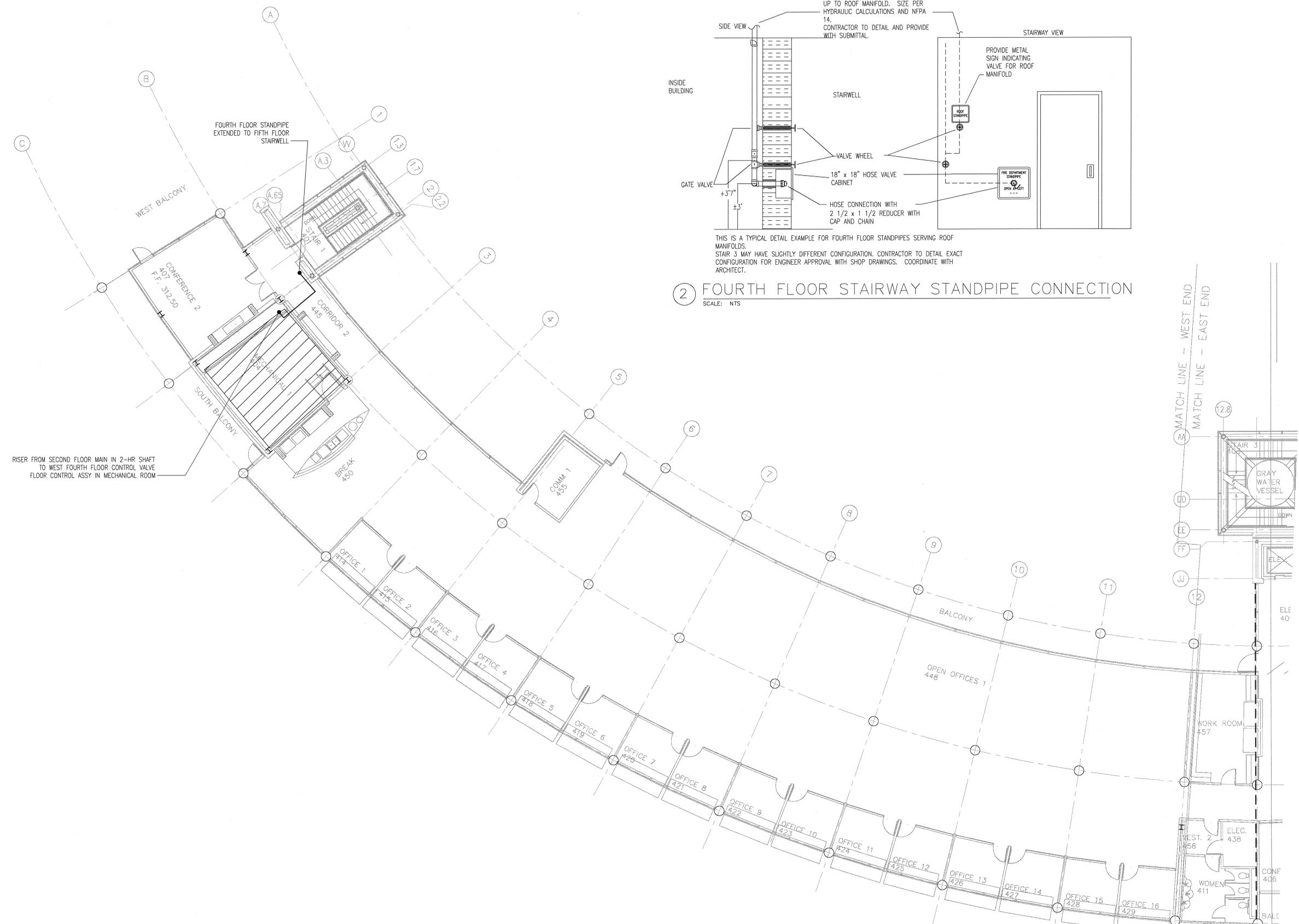
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
FOURTH FLOOR FIRE SPRK
PLAN - WEST END
SHEET NUMBER:
FP104b



2 FOURTH FLOOR STAIRWAY STANDPIPE CONNECTION
SCALE: NTS



1 FOURTH FLOOR FIRE SPRINKLER PLAN - WEST END
SCALE: 1/8" = 1'-0"



DATE: 12/15/03
DRAWN: J. PALC
CHECKED: J. PALC
SCALE: 1/8" = 1'-0"

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC. PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARLY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

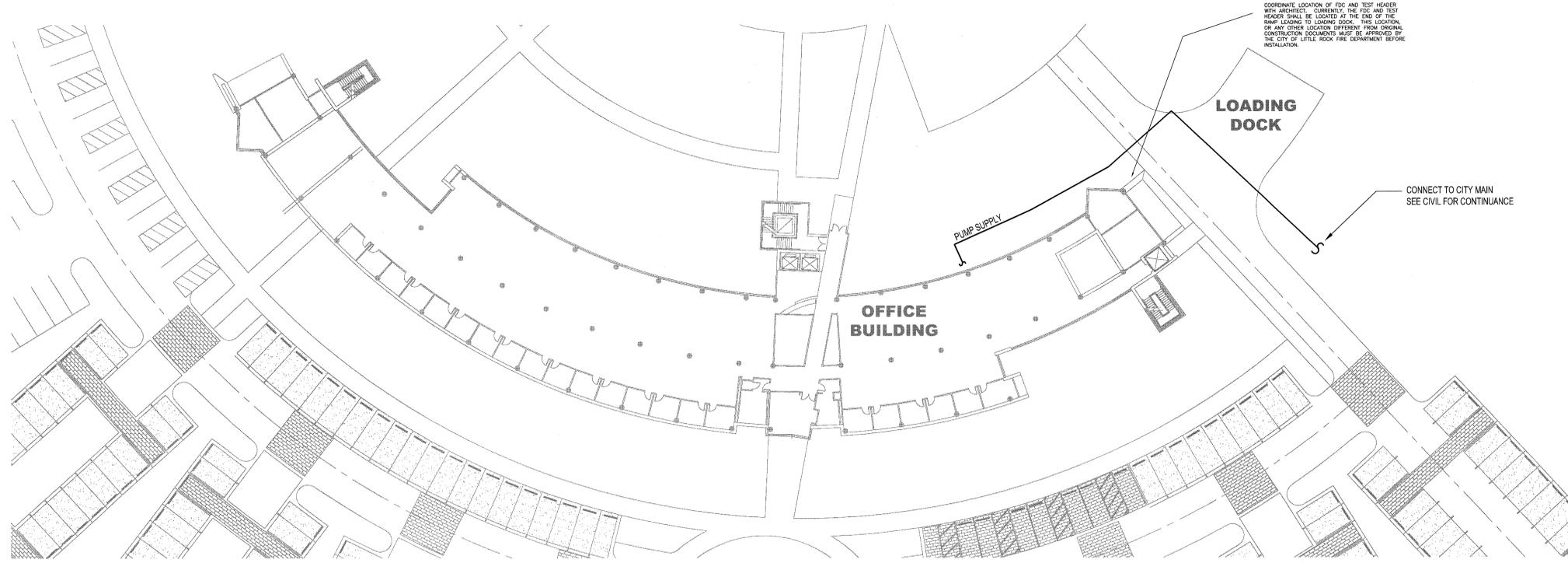
#	DATE	DESCRIPTION
Δ	7-1-04	PACKAGE 7, 100% ROLL-UP

**HEIFER
INTERNATIONAL
CENTER
OFFICE BUILDING**
LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:
UNDERGROUND FIRE LINE

SHEET NUMBER:
FP301



① UNDERGROUND PIPE
SCALE: NTS
NORTH

DATE: 12/15/03
DRAWING: 431C-PSY-431C-FP301
SHEET NAME: UNDERGROUND FIRE LINE

