

VA	FORM	08 - 623 ⁻

NO.

DESCRIPTION

DATE

PHONE: (314)367-6100

21. NEW FIRE SPRINKLER PIPE PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE SEALED WITH A U.L. CERTIFIED THROUGH-PENETRATION SYSTEM APPROPRIATE FOR THE MATERIALS INVOLVED AND THE FIRE RATING OF THE WALL PENETRATED. REFER TO ARCHITECTURAL DRAWINGS FOR WALL

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22. ALL CONTRACTORS PREPARING BIDS FOR THE PROJECT ARE EXPECTED TO VISIT THE SITE PRIOR TO SUBMITTING BIDS.

23. CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPMENT OF SHOP DRAWINGS, HYDRAULIC CALCULATIONS, PERMIT FEES, APPROVAL OF SHOP DRAWINGS, AND ACCEPTANCE OF THE SYSTEM BY THE AHJ.

24. PRIOR TO SUBMITTING AN APPLICATION FOR SPRINKLER PERMIT TO THE AHJ, PROVIDE TWO COPIES OF ALL SHOP DRAWINGS, HYDRAULIC CALCULATIONS (WHERE REQUIRED), AND PRODUCT DATA SHEETS TO THE OWNER FOR REVIEW AND COMMENT. PERMIT APPLICATION SHALL NOT BE MADE UNTIL SUCH TIME THAT THE ENGINEER HAS COMPLETED A REVIEW OF THE SHOP DRAWING

25. UPON COMPLETION OF WORK, TESTING SHALL BE PERFORMED IN ACCORDANCE WITH VA, NFPA 13, NFPA 20, AND NFPA 25 REQUIREMENTS. ALL TESTING SHALL BE WITNESSED BY THE AHJ AND THE OWNER'S DESIGNATED REPRESENTATIVE.

26. PROVIDE AUTOMATIC AIR VENTS AT ALL HIGH POINTS IN THE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 REQUIREMENTS. AIR VENTS SHALL NOT REQUIRE MANUAL DRAINING OF WATER.

27. THIS PROJECT IS PHASED. COORDINATE ALL WORK WITH PHASING AS NECESSARY. SEE ARCHITECTURAL DRAWINGS FOR PHASING INFORMATION.

28. DRAIN LOCATIONS ARE NOT INDICATED ON DRAWINGS. CONTRACTOR SHALL PROVIDE ALL DRAINS AS REQUIRED BY NFPA 13 AND THE VAFPDM. DRAINS SHALL BE PIPED TO THE EXTERIOR.

29. CONTRACTOR SHALL FIELD-COORDINATE WITH OTHER TRADES AND PROVIDE SPRINKLERS UNDER ALL OBSTRUCTIONS AND OVERHANGS AS REQUIRED BY NFPA 13, INCLUDING UNDER STAIRS SPRINKLERS PROVIDED BELOW CEILING LEVEL IN THE BOILER ROOM AREA AND ALL AREAS WITH HIGH TEMPERATURE STEAM SHALL BE STANDARD-RESPONSE, ULTRA-HIGH TEMPERATURE RATED.

30. SPRINKLERS AT THE CEILING LEVEL IN THE BOILER PLANT AREA AND ALL AREAS WITH HIGHT TEMPERATURE STEAM SHALL BE QUICK-RESPONSE, HIGH TEMPERATURE RATED.

31. GUARDS SHALL BE PROVIDED ON ALL SPRINKLERS IN AREAS WITHOUT FINISHED CEILINGS. ALL GUARDS SHALL BE APPROVED FOR USE WITH THE SELECTED SPRINKLERS.

32. PROVIDE A WALL-MOUNTED SPARE SPRINKLER CABINET IN THE EQUIPMENT ROOM NEAR THE SPRINKLER WATER RISER, ALONG WITH ALL REQUIRED SPARE SPRINKLERS.

33. INSPECTION IS REQUIRED OF ALL CONSTRUCTION DELINEATED WITHIN THE FIRE SUPPRESSION DRAWINGS AND SPECIFICATIONS. PROVIDE TESTS AND INSPECTIONS IN COMPLIANCE WITH IBC REQUIREMENTS AND THE PROJECT SPECIFICATIONS. SPECIAL INSPECTIONS MUST BE PERFORMED FOR THE SPRINKLER SYSTEM AND SEISMIC BRACING IN ACCORDANCE WITH SPECIFICATION REQUIREMENTS.

34. DO NOT PROVIDE SPRINKLERS OR PIPING IN THE AREA ENCOMPASSED BY A VERTICALLY ORIENTED CYLINDER OF SIX FEET IN DIAMETER DIRECTLY ABOVE BOILER STEAM RELEASE VENTS. SEE MECHANICAL DRAWINGS AND DETAILS FOR MORE INFORMATION REGARDING LOCATIONS OF THESE VENTS. WHILE SPRINKLERS THEMSELVES SHALL NOT BE LOCATED IN THE AREA NOTED ABOVE, SPRINKLER COVERAGE MUST STILL BE PROVIDED FOR THIS AREA.

35. DO NOT PROVIDE SPRINKLERS OR PIPING IN THE AREA DIRECTLY BELOW ROOF VENTS, INTAKES, AND OTHER SIMILAR FEATURES THAT ARE DIRECTLY OPEN TO THE EXTERIOR. WHILE SPRINKLERS THEMSELVES SHALL NOT BE LOCATED IN THE AREA NOTED ABOVE, SPRINKLER COVERAGE MUST STILL BE PROVIDED FOR THE AREA BELOW THESE ROOF OPENINGS. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

36. SPRINKLER PIPING SIZE AND LOCATION IS FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATELY SIZING AND LAYING OUT THE SPRINKLER SYSTEM AT NO ADDITIONAL COST TO THE OWNER. A LOOPED OR GRIDDED SPRINKLER SYSTEM MAY BE NECESSARY.

37. ALL FIRE SPRINKLER VALVES AND EQUIPMENT SHALL BE CLEARLY ANNOTATED ON THE CONTRACTOR AS-BUILT DRAWINGS. TAGS SHALL BE AFFIXED TO ALL VALVES AND EQUIPMENT. THE CONTRACTOR IS REQUIRED TO PROVIDE A VALVE LIST IN A 3-RING BINDER, AND TO PLACE LAMINATED VALVE LISTS INTO PICTURE FRAMES AND ATTACH THEM TO THE WALLS IN EACH SPACE. AS-BUILT DRAWINGS INCLUDING ALL FIELD MODIFICATIONS SHALL BE PROVIDED IN REVIT AND AUTOCAD

38. ALL AREAS BELOW THE NEW MEZZANINE FLOORS MUST BE SPRINKLED. IF THE FIRE SUPPRESSION PIPING IS INSTALLED TIGHT TO THE STEEL, UPRIGHT SPRINKLERS WILL BE REQUIRED IN EACH STRUCTURAL BAY. 18" CLEARANCE MUST BE MAINTAINED BELOW THE SPRINKLER HEADS TO ITEMS

FIRE SUPPRESSION LEGEND:

<u> </u>	`	NEW SYSTEM PIPING		CONTROL VALVE	∽−−O _{−−} ,	UPRIGHT SPRINKLER (SUBSCRIPT DENOTES		CALCULATE
5		EXISTING PIPING TO REMAIN	₩ ₩	CHECK VALVE		INTERMEDIATE OR HIGH TEMPERATURE)		SPRINKLER
<u>ب</u>		POINT OF CONNECTION		OS&Y GATE VALVE	∽	DRY PENDENT	$\langle xx \rangle$	HYDRAULIC
<u> </u>	<u> </u>	PIPE HANGER		BUTTERFLY VALVE				
	\otimes	SYSTEM RISER	= A A A A	NON-INDICATING CONTROL VALVE	, — ⊚ _{EC} ,	EXTENDED COVERAGE UPRIGHT SPRINKLER		AREA NOT F ZONE
	ㅗ	HOSE VALVE	tomat		, ,	PENDENT SPRINKLER;	(NS)	NON-SPRINI
<i>\</i>		PIPE TEE DOWN		PRESSURE REDUCING BACKFLOW		ON DROP NIPPLE		
<u> </u>		CONCENTRIC REDUCER		PREVENTER; DOUBLE CHECK TYPE	< <u> </u>	SPRINKLER GUARD; SHOWN ON UPRIGHT	1	LOGITUDINA
<u> </u>		ECCENTRIC REDUCER		POST-INDICATING VALVE		SPRINKLER	1	4-WAY SWA
					,⊙ ,	UPRIGHT SPRINKLER		
	L>	FLUSHING CONNECTION OR CAP		ALARM CHECK VALVE		EXTENDED COVERAGE		
			, top ,	FIRE DEPARTMENT CONNECTION	EC	PENDENT SPRINKLER; ON DROP NIPPLE		

FIRE SUPPRESSION ABBREVIATIONS

BD	AUTOMATIC BALL DRI
CT	ACOUSTICAL CEILING
FF	ABOVE FINISHED FLO
S	AUTOMATIC SPRINKL
TR	ALL THREAD ROD
BFP	BACKFLOW PREVENT
BOB	BOTTOM OF BEAM
В	CONCRETE BEAM
OL	COLUMN
ONC	CONCRETE
DI	DUCTILE IRON
N	DOWN
)P	DRY PENDENT (SPRIN
)S	DRY SIDEWALL (SPRII
C	EXTENDED COVERAG
XP	EXPOSED (NO CEILING
D	FLOOR DRAIN
DC	FIRE DEPARTMENT CO
ΉV	FIRE HOSE VALVE
S	FLOW SWITCH
GALV	GALVANIZED
GYP	GYPSUM WALL BOAR
SHEETRO	CK)
IT	HIGH TEMPERATURE
ГС	INSPECTORS TEST CO
1AX	MAXIMUM
1IN	MINIMUM
	METAL TILE
liC	NOT IN CONTRACT
IS	NON-SPRINKLERED
	NOT TO SCALE
)SJ	OPEN STEEL JOIST
Ľ	PLASTER (CEILING)
200	POINT OF CONNECTIO
PRV	PRESSURE RELIEF VA
2R	QUICK RESPONSE (SP
CH	SCHEDULE
SPL .	HIDDEN SPLINE (CEIL
STL	STEEL
YP	TYPICAL
S	TAMPER SWITCH
INO	UNLESS NOTED OTHE

ENGINEER OF RECORD KOFFEL ASSOCIATES Office PROFESSIONAL ENGINEER FIRE SUPPRESSION Constru Miller-Remick LLC OF MAD KOFFEL ASSOCIATE 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 M.E.P. & Structural Engineering and Fac SDVOSB PHONE: (410)750-2246 A Service Disabled Veteran Owned **ELECTRONIC SECURITY** mall Business Manage MAGNA ENGINEERS 1010 KINGS HIGHWAY SOUTH 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 CHERRY HILL, NEW JERSEY 08034 PHONE: (859)309-2990 PHONE: (856)429-4000 PHYSICAL SECURITY FAX: (856)429-5002 VA U.S. Dep of Vetera FORCE PROTECT 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 MR PROJECT NO: 0499-0121 PHONE: (502)836-4232

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NKLER) INKLER) GE (SPRINKLER) CONNECTION

(SPRINKLER) ONNECTION

ION VALVE SPRINKLER) _ING)

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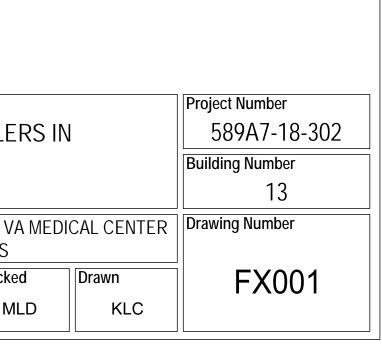
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ement Department erans Affairs	Approved: Project Director		FULLY SPRI	INKLERED	Location ROBERT J. I WICHITA, KA Issue Date 2021-09-03	
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TED REMOTE AREA ER ZONE BOUNDARY LIC REFERENCE NODE

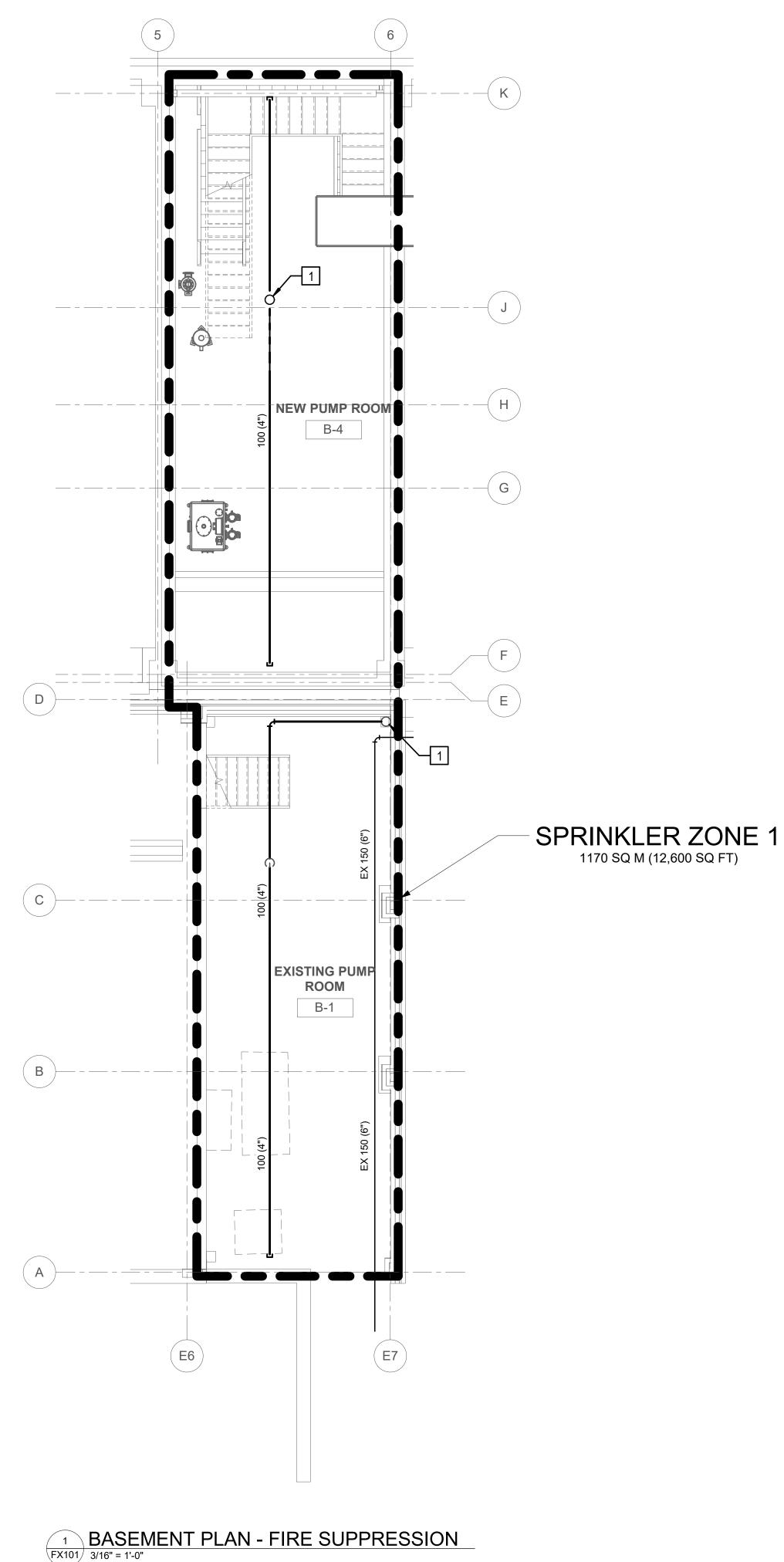
T PART OF SPRINKLER

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NAL SWAY BRACE VAY BRACE







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ENGINEER OF RECORD KOFFEL ASSOCIATES Office of PROFESSIONAL ENGINEER FIRE SUPPRESSION KOFFEL ASSOCIATES Constructi Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned FE OF MARL 8815 CENTRE PARK DRIVE, SUITE 200, COLUMBIA, MD 21045 and Facilit PHONE: (410)750-2246 ELECTRONIC SECURITY MAGNA ENGINEERS Small Business Manageme 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 861 CORPORATE DRIVE, SUITE 210, LEXINGTON, KY 40503 PHONE: (859)309-2990 PHONE: (856)429-4000 PHYSICAL SECURITY FORCE PROTECT U.S. Depar of Veterans FAX: (856)429-5002 3210 GULF BLVD, UNIT 304, BELLEAIR BEACH, FL 33786 MR PROJECT NO: 0499-0121 PHONE: (502)836-4232 4 5 6

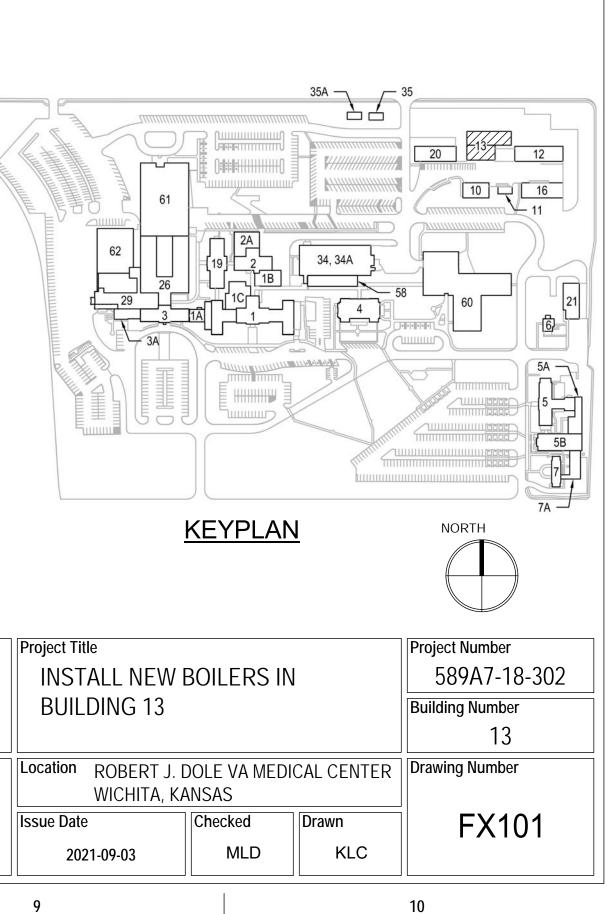
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of ction lities	FIRE SUPPRESSION NEW WORK PLAN TUNNEL & BSMT LEVELS	100% BID SET	INSTALL NEW BOILEF BUILDING 13
nent partment rans Affairs	Approved: Project Director	FULLY SPRINKLERED	Location ROBERT J. DOLE VA WICHITA, KANSAS Issue Date 2021-09-03 ML
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Phase



Drawing Title

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SHEET NOTES: 1. PROVIDE SPRINKLER PROTECTION UNDER ALL

NFPA 70.

KEY NOTES:

1 100 (4") UP TO FLOOR ABOVE.

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STAIRS. 2. SPRINKLERS AND SPRINKLER PIPING SHALL NOT BE EQUIPMENT AREAS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 CLEARANCE

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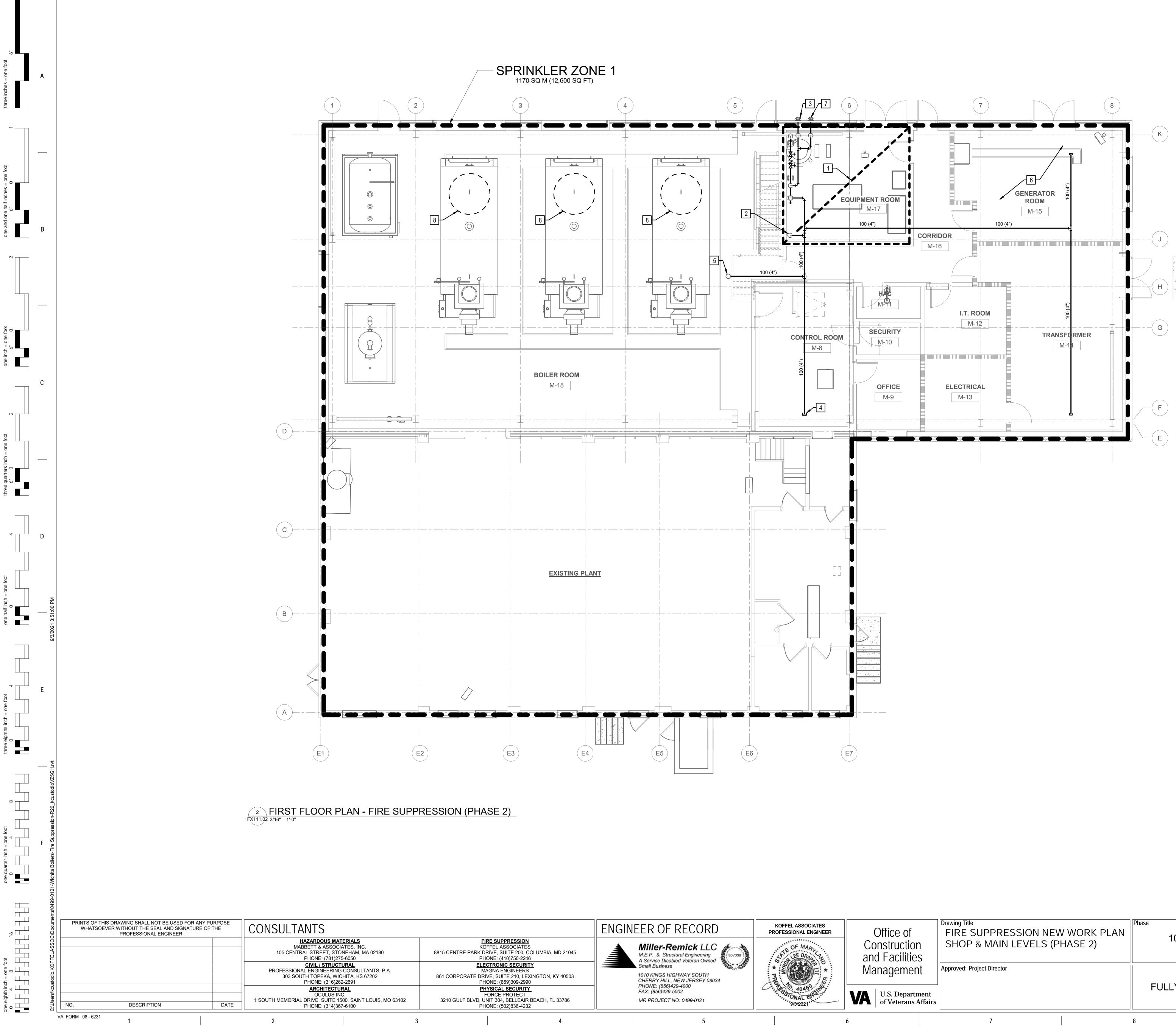
INSTALLED DIRECTLY ABOVE ELECTRICAL EQUIPMENT. SPRINKLERS AND PIPING INSTALLED IN ELECTRICAL REQUIREMENTS. DRIP PANS AND OTHER SIMILAR FEATURES SHALL BE PROVIDED WHEN REQUIRED BY

CONTRACTOR SHALL LOCATE AND INSTALL ALL DRAINS AS REQUIRED BY THE APPLICABLE CODES AND STANDARDS.

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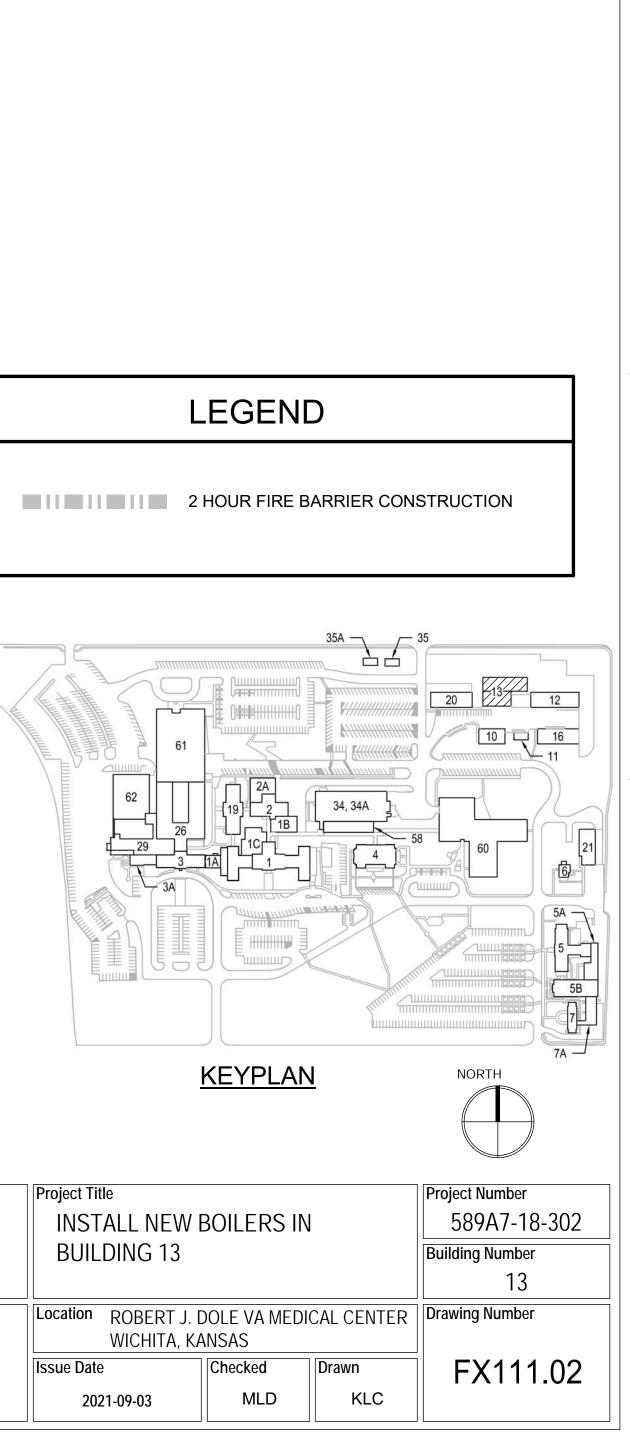
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of ction ilities	FIRE SUPPRESSION NEW WORK PLAN SHOP & MAIN LEVELS (PHASE 2)	100% BID SET	INSTALL NEW B BUILDING 13	OILEF
ment	Approved: Project Director	FULLY SPRINKLERED	Location ROBERT J. DOLE V WICHITA, KANSAS	
rans Affairs 	7	8	9	ML



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4	ARCHITECTURAL DRAWINGS FOR A PHASING INFORMATION.
Ę	5 100 (4") SPRINKLER MAIN UP. REFER
(GENERATOR ROOM SHALL BE DESIG
	7 100x65x65 (4"x2-1/2"x2-1/2") FDC HEA SIGNAGE ALONG EXTERIOR WALL T ABOVE HEADER.
_	<u> </u>

KEY NOTES: 1 REFER TO FX401 FOR WORK IN THIS AREA. 2 100 (4") DOWN TO NEW PUMP ROOM.

- REQUIREMENTS. DRIP PANS AND OTHER SIMILAR FEATURES SHALL BE PROVIDED WHEN REQUIRED BY NFPA 70. 3. CONTRACTOR SHALL LOCATE AND INSTALL ALL DRAINS AS REQUIRED BY THE APPLICABLE CODES AND STANDARDS.
- STAIRS. 2. SPRINKLERS AND SPRINKLER PIPING SHALL NOT BE INSTALLED DIRECTLY ABOVE ELECTRICAL EQUIPMENT. SPRINKLERS AND PIPING INSTALLED IN ELECTRICAL EQUIPMENT AREAS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 CLEARANCE
- SHEET NOTES: 1. PROVIDE SPRINKLER PROTECTION UNDER ALL

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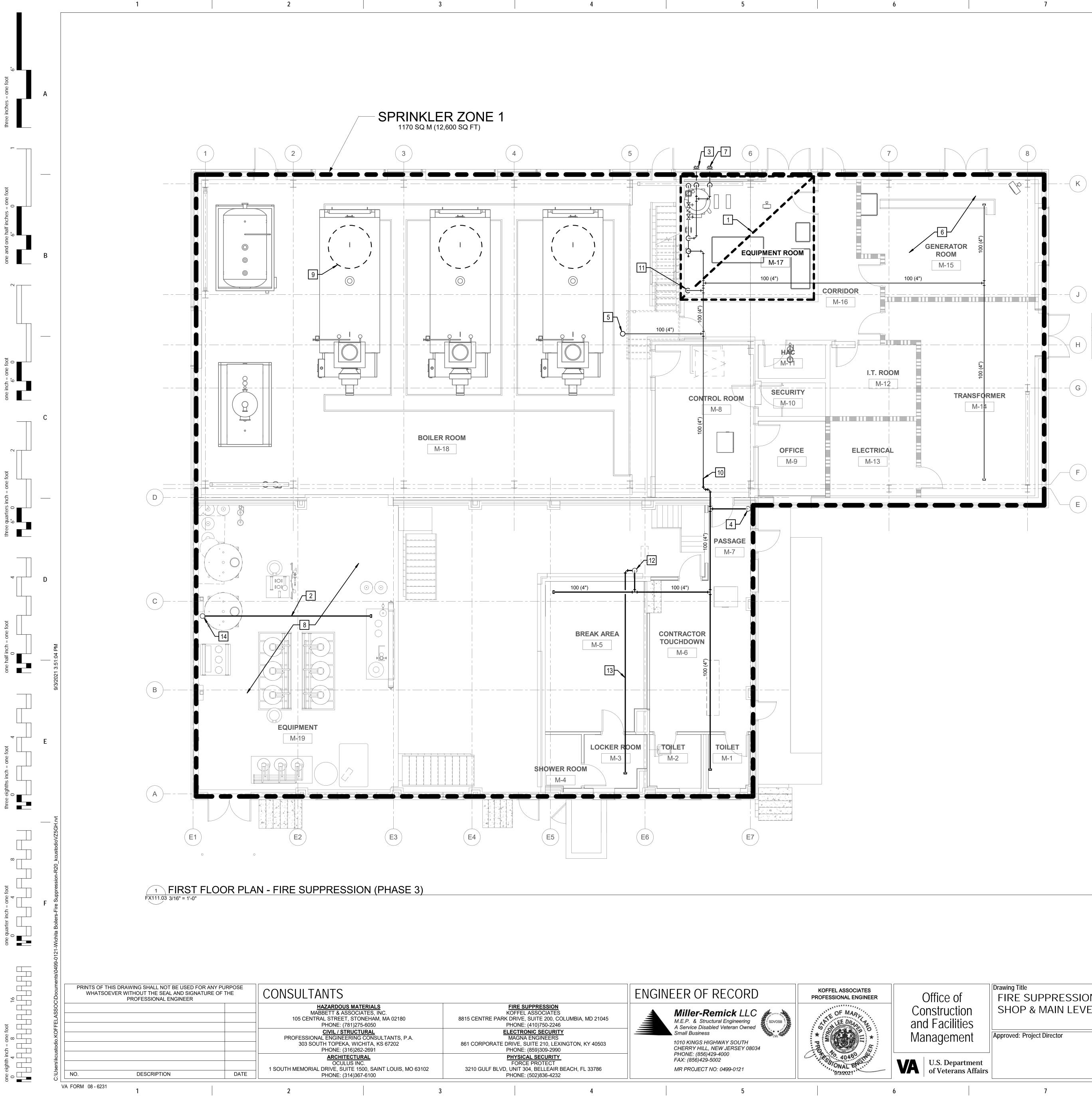
PROVIDE TEMPORARY CAP FOR PHASING. REFER TO ADDITIONAL ER TO DRAWING SIGNED AS AN ANCY.

3 100x65x65 (4"x2-1/2"x2-1/2") BACKFLOW TEST HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'BACKFLOW TEST' ABOVE TEST HEADER.

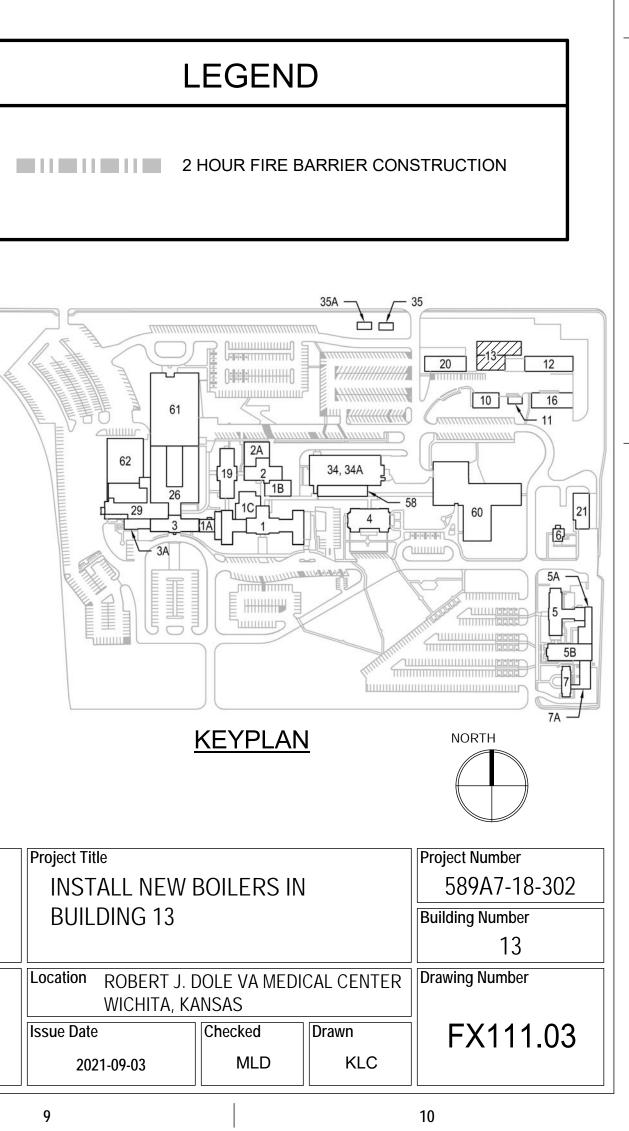
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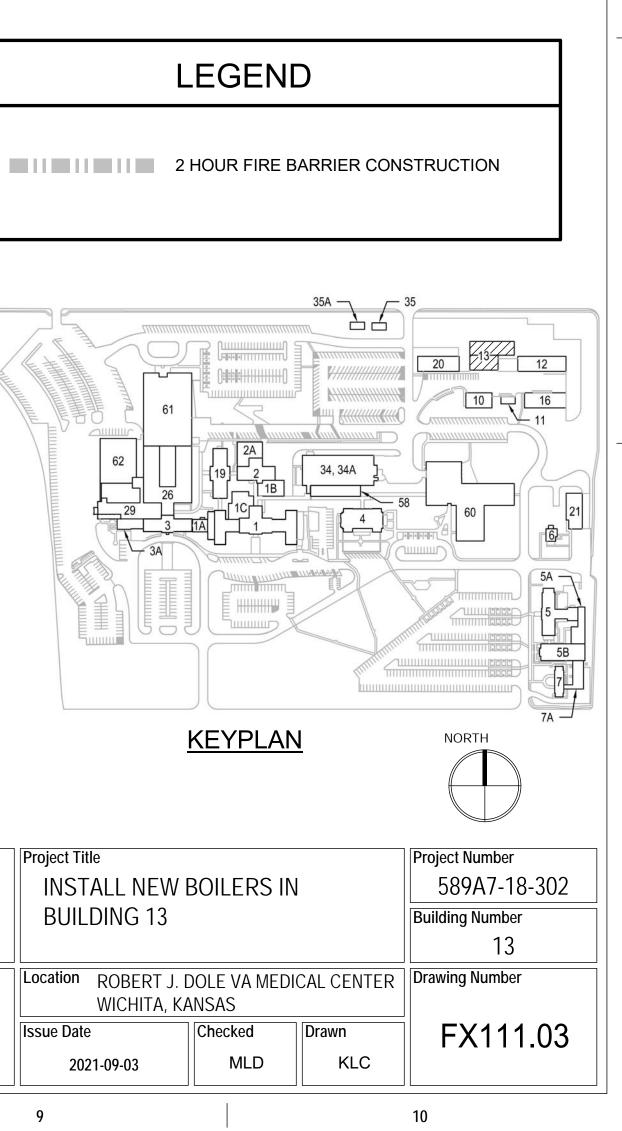
THAT READS 'FDC'

8 PROVIDE PROPER SPACING FROM STEAM TEST VALVES IN THIS AREA PER NFPA 13.



e of ction ilities	Drawing Title FIRE SUPPRESSION NEW WORK PLAN SHOP & MAIN LEVELS (PHASE 3)	Phase 100% BID SET	Project Title INSTALL NEW E BUILDING 13	BOILEF
Ment epartment erans Affairs	Approved: Project Director	FULLY SPRINKLERED	Location ROBERT J. D WICHITA, KA Issue Date 2021-09-03	
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SHEET NOTES:

KEY NOTES:

ABOVE HEADER.

PHASING INFORMATION.

BELOW.

11 100 (4") DOWN TO NEW PUMP ROOM.

8

- 1. PROVIDE SPRINKLER PROTECTION UNDER ALL
- STAIRS. SPRINKLERS AND PIPING INSTALLED IN ELECTRICAL EQUIPMENT AREAS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 CLEARANCE REQUIREMENTS. DRIP PANS AND OTHER SIMILAR

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- 2. SPRINKLERS AND SPRINKLER PIPING SHALL NOT BE
- INSTALLED DIRECTLY ABOVE ELECTRICAL EQUIPMENT. FEATURES SHALL BE PROVIDED WHEN REQUIRED BY
- NFPA 70.
- 3. CONTRACTOR SHALL LOCATE AND INSTALL ALL DRAINS AS REQUIRED BY THE APPLICABLE CODES AND STANDARDS.

1 REFER TO FX401 FOR WORK IN THIS AREA.

2 SPRINKLER PIPING BELOW RAISED FLOOR..

3 100x65x65 (4"x2-1/2"x2-1/2") BACKFLOW TEST HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'BACKFLOW TEST' ABOVE TEST HEADER.

4 100 (4") SPRINKLER MAIN DOWN. REFER TO DRAWING FX101 FOR CONTINUATION.

5 100 (4") SPRINKLER MAIN UP. REFER TO DRAWING FX121 FOR CONTINUATION.

7 100x65x65 (4"x2-1/2"x2-1/2") FDC HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'FDC'

8 PROVIDE SPRINKLERS UNDER RAISED FLOOR AREAS.

10 REMOVE TEMPORARY CAP INSTALLED UNDER PHASE 2 AND CONNECT TO NEW PIPING INSTALLED UNDER PHASE 3 (EXISTING BOILER RENOVATION). REFER TO

ARCHITECTURAL DRAWINGS FOR ADDITIONAL

12 SPRINKLER PIPING DOWN TO STORAGE ROOM AREA

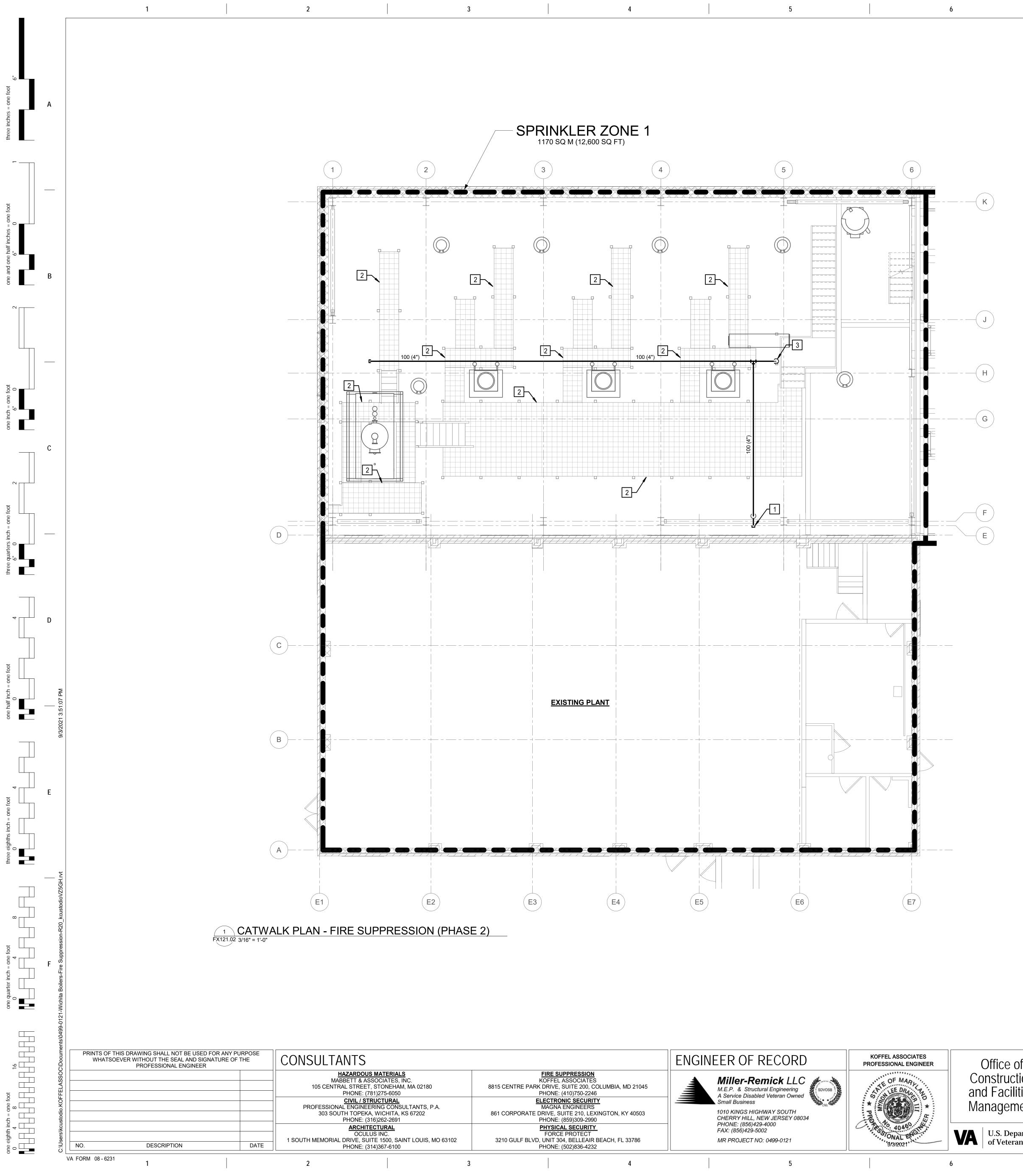
14 100 (4") SPRINKLER PIPING MAIN UP TO FLOOR ABOVE AND DOWN TO RAISED FLOOR AREA.

13 PROVIDE SPRINKLERS IN STORAGE ROOM AREA.

9 PROVIDE PROPER SPACING FROM STEAM TEST VALVES IN THIS AREA PER NFPA 13.

6 GENERATOR ROOM SHALL BE DESIGNED AS AN EXTRA HAZARD GROUP 1 OCCUPANCY.

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SHEET NOTES:
1. PROVIDE SPRINKLER PROTECTION UNDER ALL

STAIRS.

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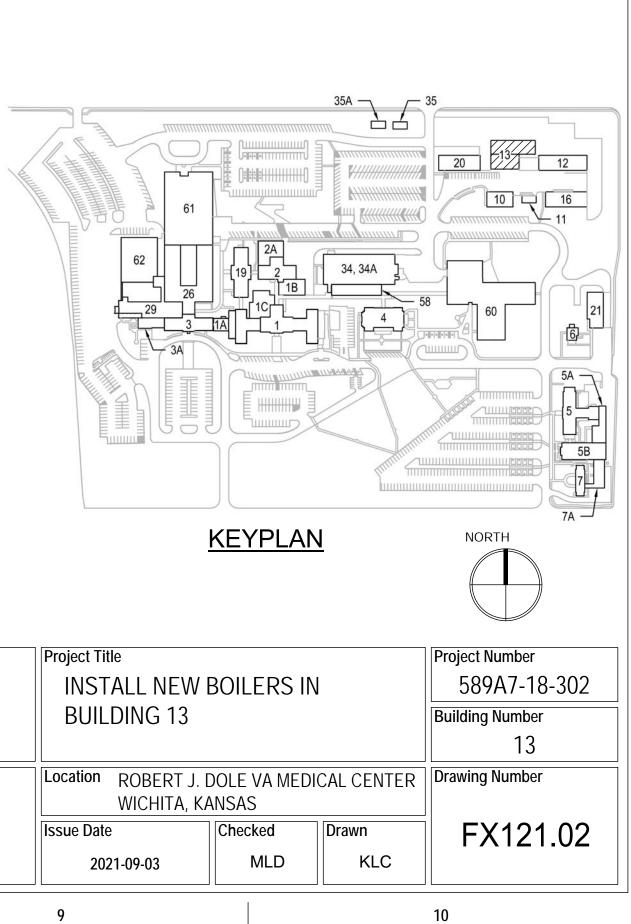
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- 2. SPRINKLERS AND SPRINKLER PIPING SHALL NOT BE INSTALLED DIRECTLY ABOVE ELECTRICAL EQUIPMENT. SPRINKLERS AND PIPING INSTALLED IN ELECTRICAL EQUIPMENT AREAS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 CLEARANCE REQUIREMENTS. DRIP PANS AND OTHER SIMILAR FEATURES SHALL BE PROVIDED WHEN REQUIRED BY NFPA 70.
- 3. CONTRACTOR SHALL LOCATE AND INSTALL ALL DRAINS AS REQUIRED BY THE APPLICABLE CODES AND STANDARDS.

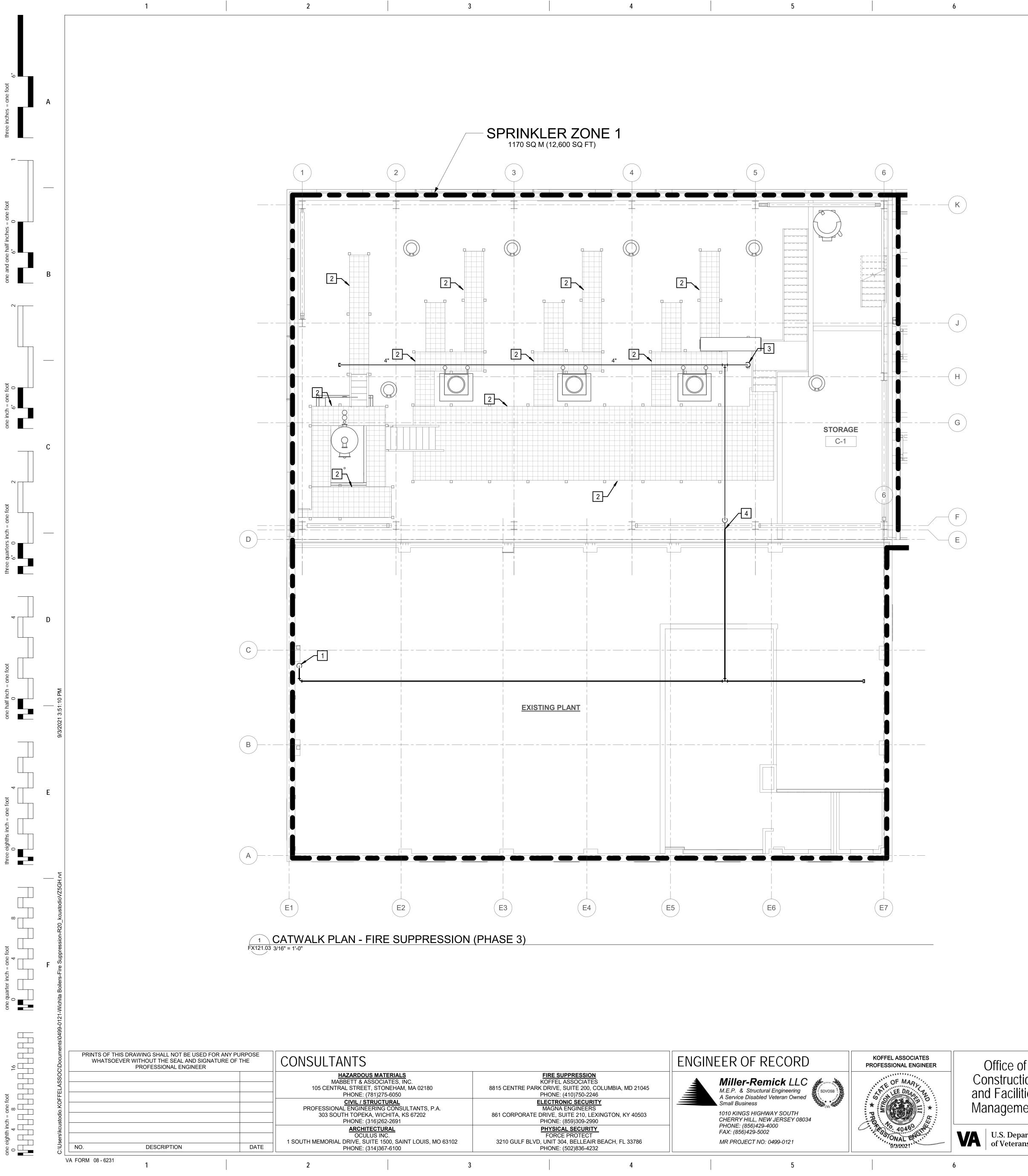
KEY NOTES:

- 1 PROVIDE TEMPORARY CAP FOR CONNECTION TO EXISTING BOILER PLANT RENOVATION WORK UNDER PHASE 3. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
- 2 PROVIDE SPRINKLER PROTECTION UNDER CATWALKS GREATER THAN 1.2M (4 FEET WIDE) IN TWO DIRECTIONS, IN ACCORDANCE WITH NFPA 13 SPRINKLER OBSTRUCTION REQUIREMENTS.
- 3 SPRINKLER PIPE DOWN. REFER TO DRAWING FX111 FOR CONTINUATION.



of ction lities	Drawing Title FIRE SUPPRESSION NEW CATWALK PLAN (PHASE 2)	WORK	Phase 100% B	ID SET	Project Title INSTALL NEW BUILDING 13	BOILEF
	Approved: Project Director		FULLY SPR	INKLERED	Location ROBERT J. WICHITA, K Issue Date 2021-09-03	
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SHEET NOTES:

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1. PROVIDE SPRINKLER PROTECTION UNDER ALL STAIRS.

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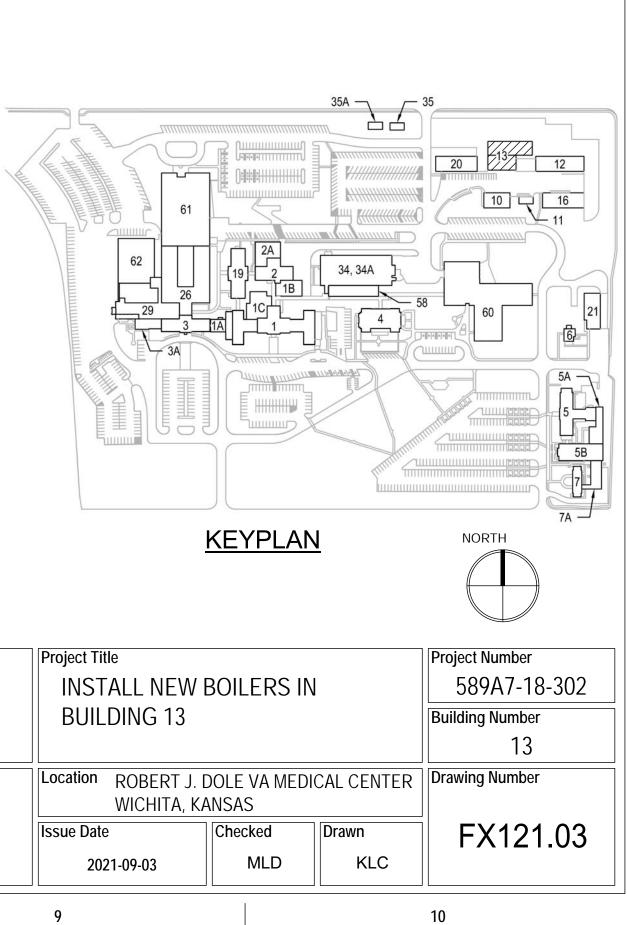
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- 2. SPRINKLERS AND SPRINKLER PIPING SHALL NOT BE INSTALLED DIRECTLY ABOVE ELECTRICAL EQUIPMENT. SPRINKLERS AND PIPING INSTALLED IN ELECTRICAL EQUIPMENT AREAS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 CLEARANCE REQUIREMENTS. DRIP PANS AND OTHER SIMILAR FEATURES SHALL BE PROVIDED WHEN REQUIRED BY NFPA 70.
- 3. CONTRACTOR SHALL LOCATE AND INSTALL ALL DRAINS AS REQUIRED BY THE APPLICABLE CODES AND

KEY NOTES:

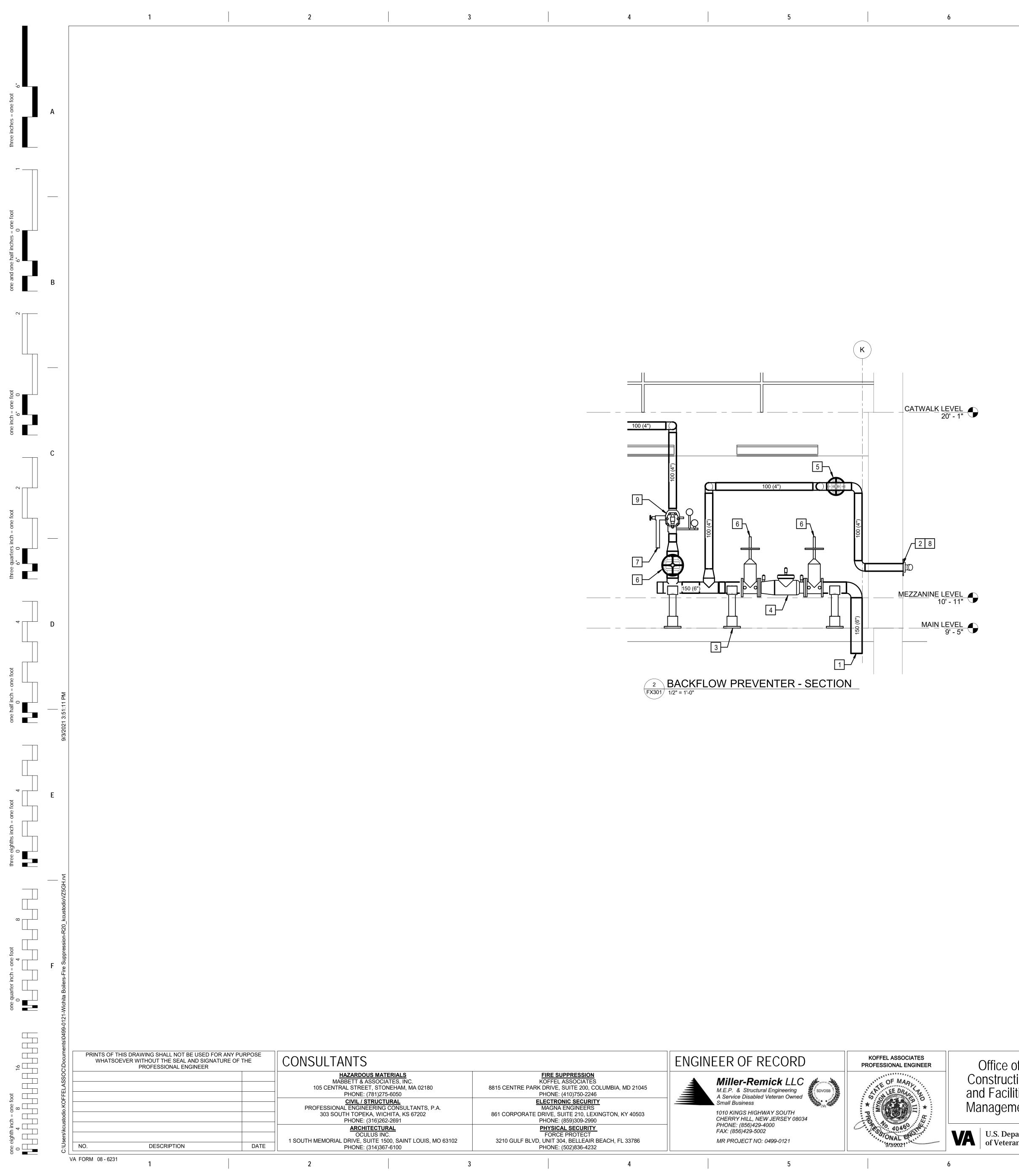
STANDARDS.

- 1 100 (4") SPRINKLER MAIN DOWN TO FLOOR BELOW. 2 PROVIDE SPRINKLER PROTECTION UNDER CATWALKS GREATER THAN 4 FEET WIDE IN TWO DIRECTIONS, IN
- ACCORDANCE WITH NFPA 13 SPRINKLER OBSTRUCTION REQUIREMENTS.
- 3 SPRINKLER PIPE DOWN. REFER TO DRAWING FX111 FOR CONTINUATION.
- 4 REMOVE TEMPORARY CAP INSTALLED UNDER PHASE 2 AND CONNECT TO NEW PIPING INSTALLED UNDER PHASE 3 (EXISTING BOILER RENOVATION). REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL PHASING INFORMATION.



of tion ities	Drawing Title FIRE SUPPRESSION NEW WORK CATWALK PLAN (PHASE 3)	Pha	^{se} 100% Bl	ID SET	Project Title INSTALL NEW BUILDING 13	BOILERS
nent	Approved: Project Director				Location ROBERT J. WICHITA, K	
oartment ans Affairs			FULLY SPR	INKLERED	Issue Date 2021-09-03	Checked MLD
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KEY NOTES: 1 150 (6") INCOMING WATER. REFER TO CIVL DRAWINGS

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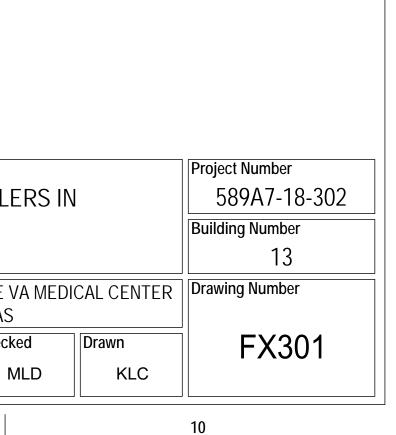
FOR CONTINUATION.
2 100x65x65 (4"x2-1/2"x2-1/2") BACKFLOW PREVENTER TEST HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'BACKFLOW PREVENTER TEST' ABOVE TEST HEADER.
3 PIPE STAND (TYP).
4 150 (6") AMES MODEL COLT SERIES 2000SS DOUBLE CHECK BACKFLOW PREVENTER ASSEMBLY, OR APPROVED EQUAL INSTALLED IN HORIZONTAL WITH OS&Y VALVES WITH SUPERVISORY SWITCHES.
5 OS&Y VALVE (NC) WITH SUPERVISORY SWITCH FOR BACKFLOW PREVENTER TEST HEADER. INCLUDE CHAIN OPERATOR MECHANISM AND CHAIN.
6 OS&Y VALVE WITH SUPERVISORY SWITCH.
7 50 (2") MAIN DRAIN TO EXTERIOR.
8 100x65x65 (4"x2-1/2"x2-1/2") FDC ADJACENT TO BFP TEST HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'FDC' ABOVE HEADER.

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9 CHECK VALVE, PRESSURE GAUGE, TRIM, TEST AND DRAIN ASSSEMBLY, AND FLOW SWITCH.

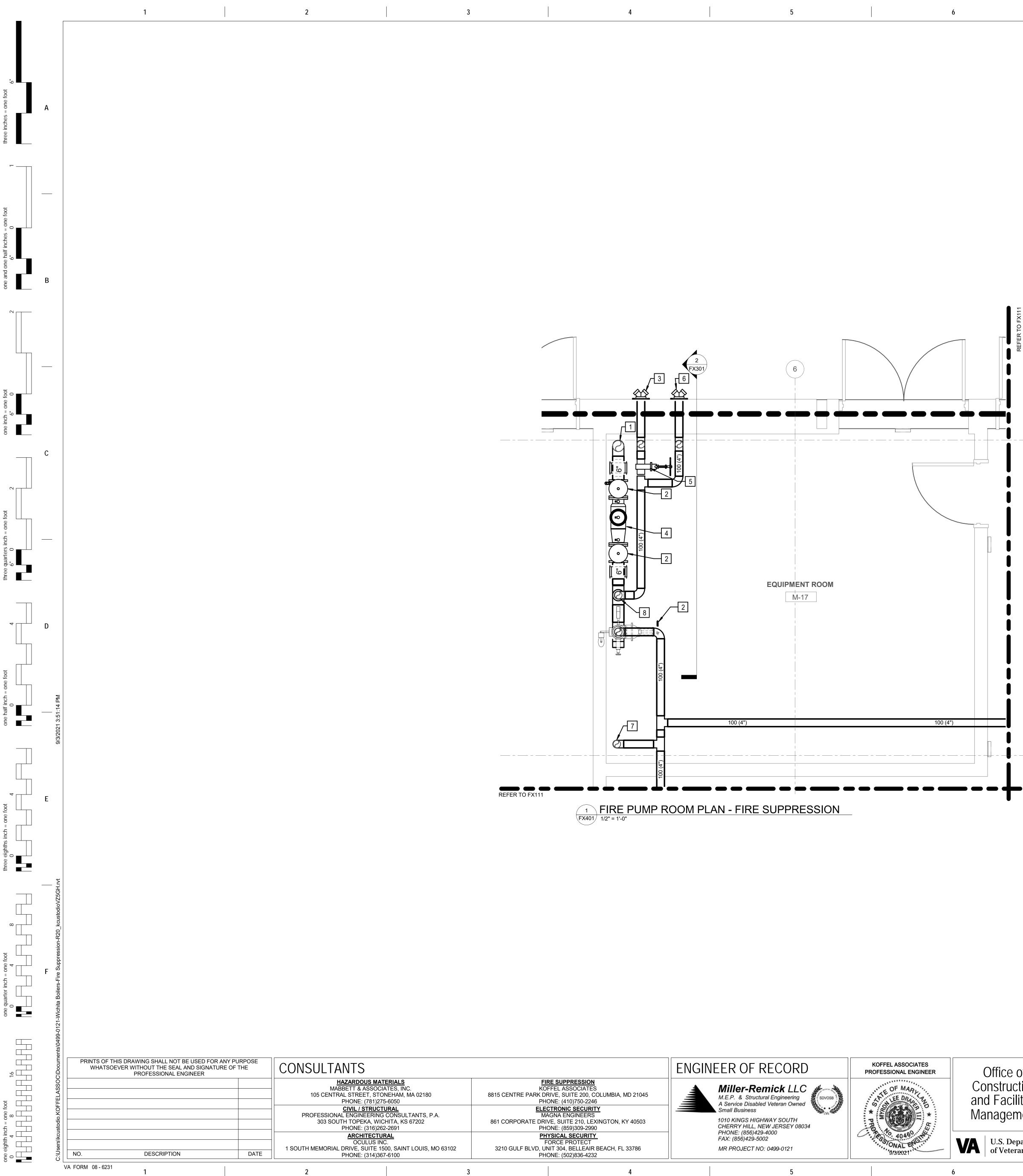
	Drawing Title		Phase		Project Title	
of ction lities	FIRE SUPPRESSION SECTIONS		100% BID SET		INSTALL NEW BOILE BUILDING 13	
ment	Approved: Project Director		FULLY SPRINKLERED		Location ROBERT J. DOLE VA WICHITA, KANSAS	
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	Approved: Project Director		FULLY SPRI	NKLERED	Location ROBERT J. I WICHITA, K/ Issue Date 2021-09-03	
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KEY NOTES: 150 (6") INCOMING WATER. REFER TO CIVL DRAWINGS FOR CONTINUATION. 2 150 (6") OS&Y CONTROL VALVE WITH SUPERVISORY SWITCH.

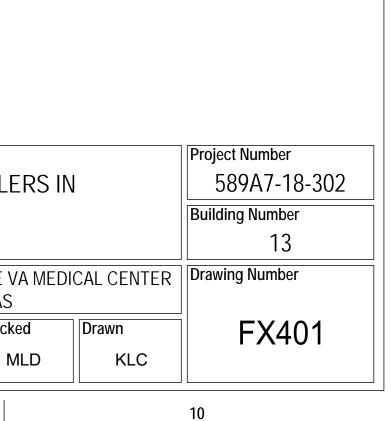
3 100x65x65 (4"x2-1/2"x2-1/2") BACKFLOW PREVENTER TEST HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'BACKFLOW PREVENTER TEST' ABOVE TEST HEADER.

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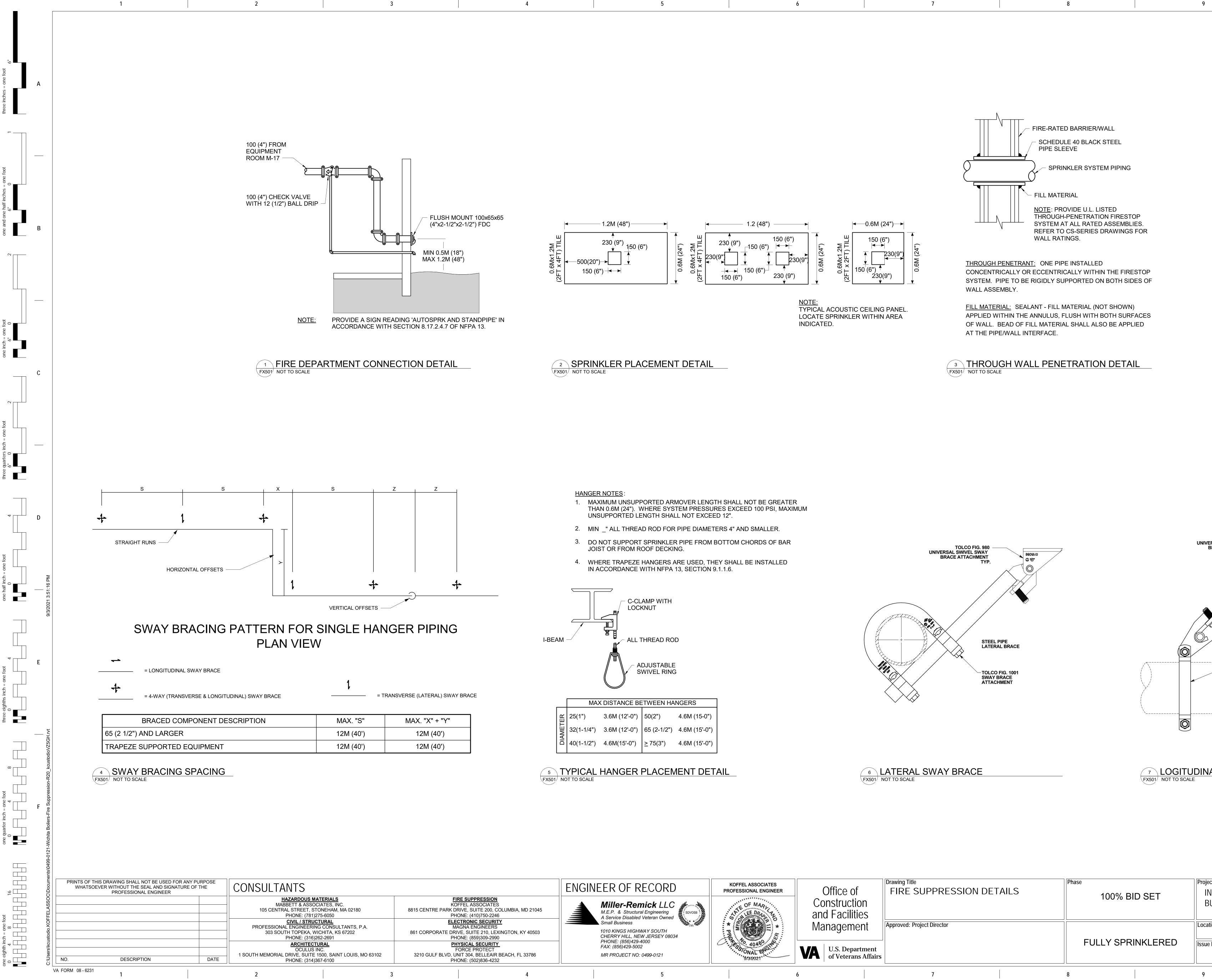
- 4 150 (6") AMES MODEL COLT SERIES 2000SS DOUBLE CHECK BACKFLOW PREVENTER ASSEMBLY, OR APPROVED EQUAL INSTALLED IN VERTICAL (FLOW UP) WITH OS&Y VALVES WITH SUPERVISORY SWITCHES, OR APPROVED EQUAL.
- 5 OS&Y VALVE (NC) WITH SUPERVISORY SWITCH FOR BACKFLOW PREVENTER TEST HEADER. INCLUDE CHAIN OPERATOR MECHANISM AND CHAIN.
- 6 100x65x65 (4"x2-1/2"x2-1/2") FDC HEADER. PROVIDE SIGNAGE ALONG EXTERIOR WALL THAT READS 'FDC' ABOVE HEADER.
- 7 100 (4")SPRINKLER MAIN DOWN TO NEW PUMP ROOM. 8 100 (4") TO FDC AND BACKFLOW PREVENTER TEST HEADER.

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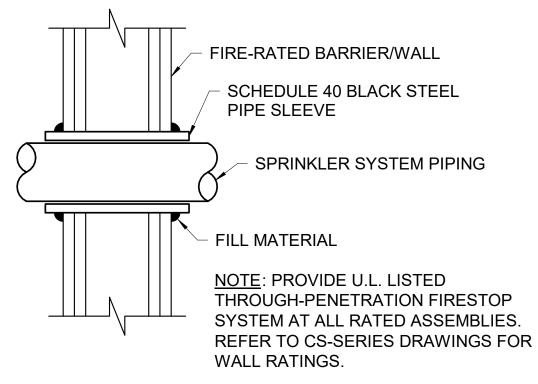


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"X" + "Y"
2M (40')
2M (40')

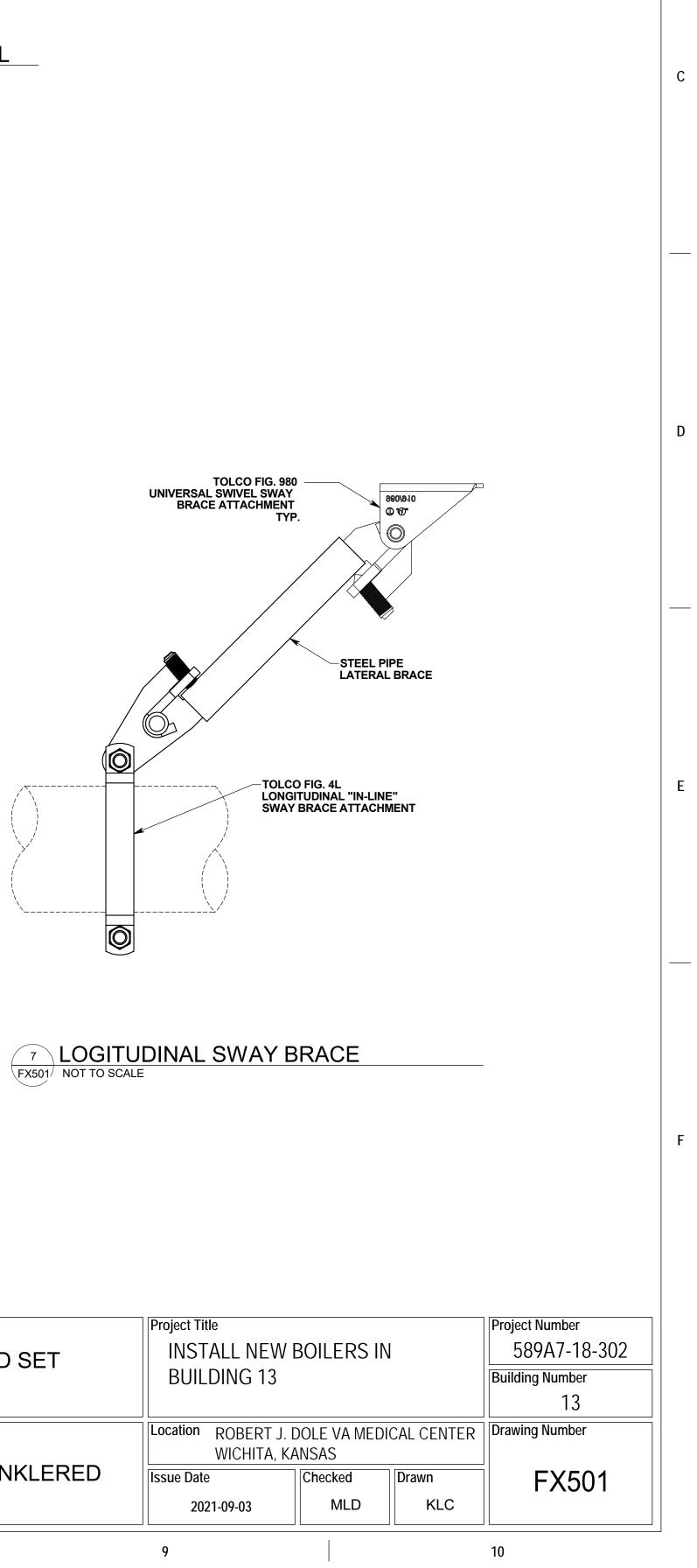
ATERAL)	SWAY	BRACE



CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF

FILL MATERIAL: SEALANT - FILL MATERIAL (NOT SHOWN) APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. BEAD OF FILL MATERIAL SHALL ALSO BE APPLIED





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	Approved: Project Director	FULLY SPRINKLERED	Location ROBERT J. D WICHITA, KAI Issue Date 2021-09-03	
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