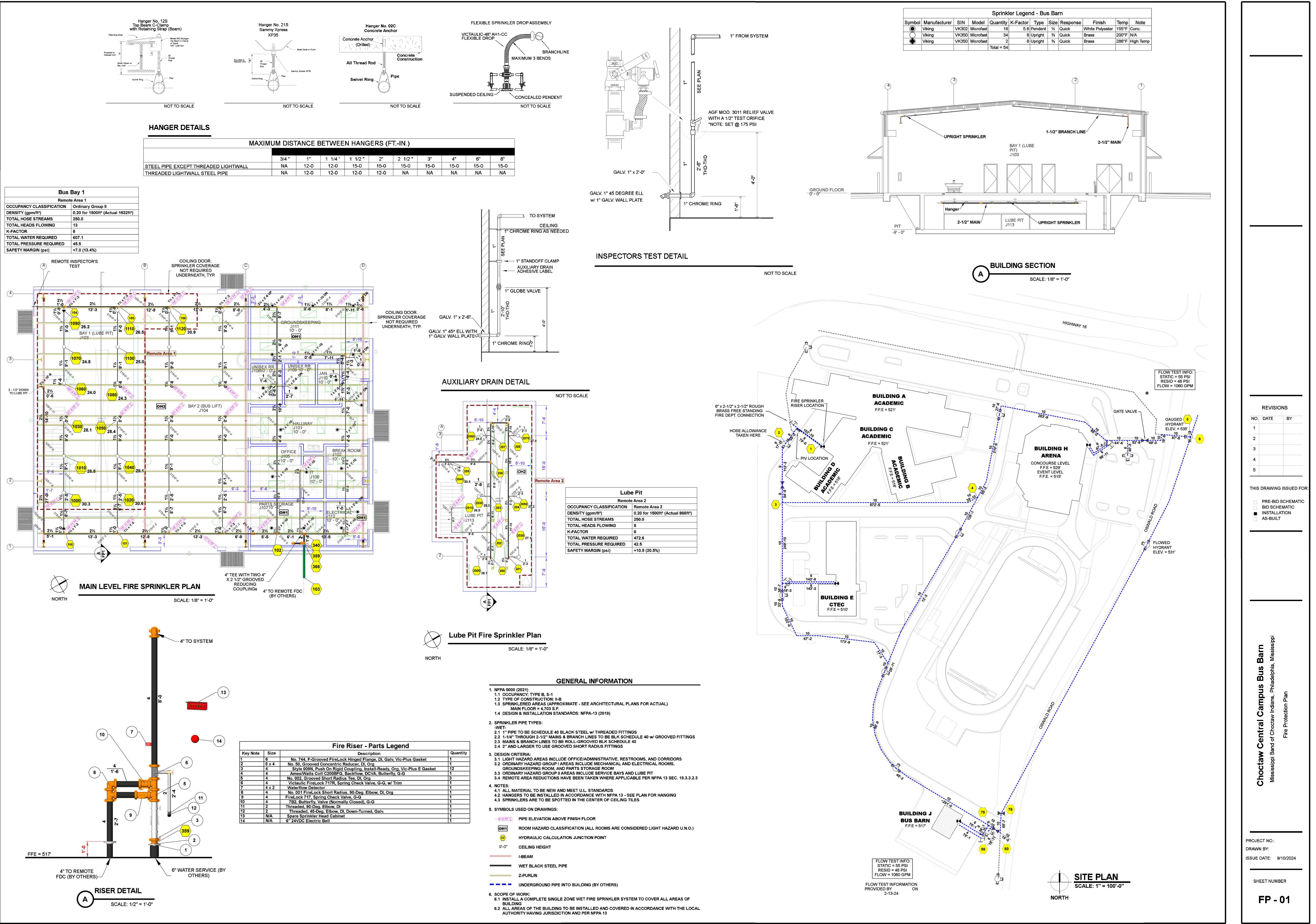
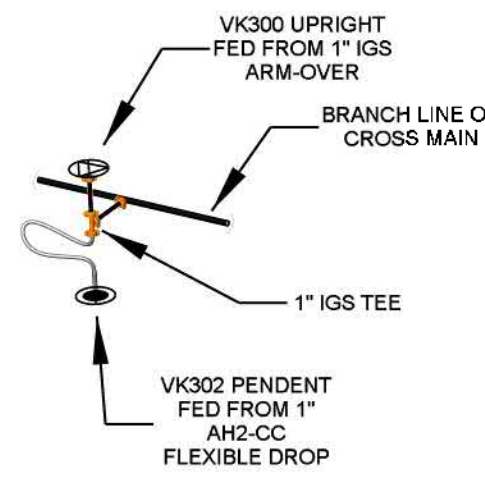
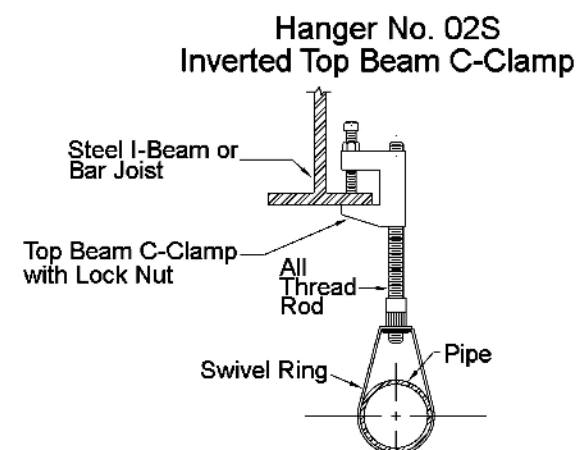


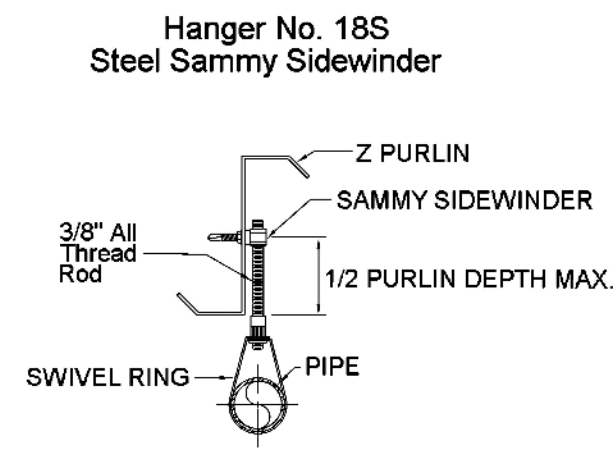




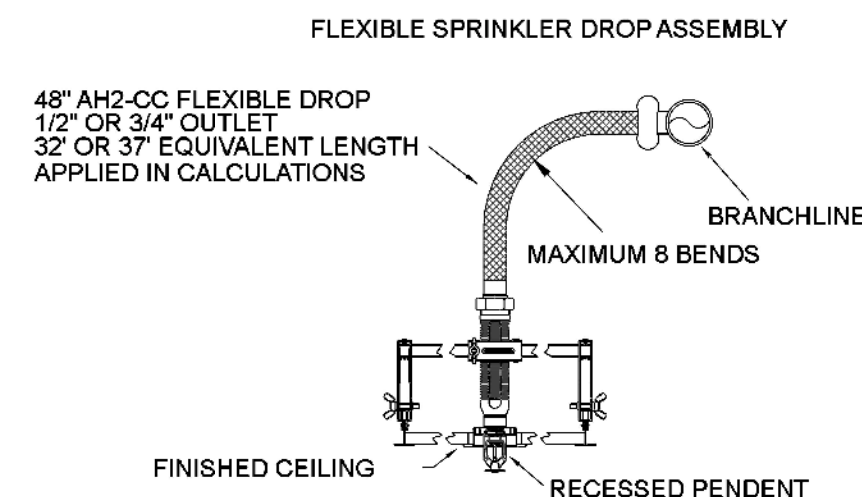
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

INSTALL PENDENT SPRINKLERS SUCH THAT THE DEFLECTOR IS 1" TO 12" BELOW CEILING, OR PER PRODUCT LISTING. THE PRODUCT LISTING SHALL GOVERN.

Sprinkler Legend - Area A

[illegible]

Area 1
Light Hazard
10 for 1500ft² (Actual 1112ft²)
4'-6" Ceiling (33.3%) 1001ft²
100.0
1.2
30.1
2.4
30.1
1.9
11.8 (21.7%)
7%/AREA METHOD PER NFPA 13

MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)

TOTAL HOSE STREAMS	100.0
DRY CAPACITY	Ogal
TOTAL HEADS FLOWING	5
K-FACTOR	5.6
TOTAL WATER REQUIRED	174.2
TOTAL PRESSURE REQUIRED	17.1
BASE OF RISER (gpm)	74.2
BASE OF RISER (psi)	27.3
SAFETY MARGIN (psi)	+37.6 (68.8%)

CALCULATED USING THE ROOM DESIGN METHOD PER NFPA 13
 JB 33.3.3.5 AND CALCULATED PER NFPA 13 3.3.3.7



WELDING E156	
Remote Area 3	
CLASSIFICATION	Ordinary Group II
	0.20 for 1500ft ² (Actual 1588ft ²)
RAMS	250.0
WING	16
	5.8
REQUIRED	603.1
REQUIRED	43.8
m)	353.1
	51.8
is)	+9.0 (7.1%)

THE DENSITY/AREA METHOD PER NEPA 13
 PICK CHIT CHIT REMOTE AREA INCREASE
 REQUIRED PER NEPA 13 19.3.3.2.4

CALC PLACARD



NTS

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

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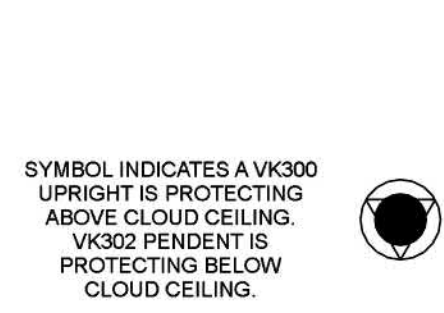
Mississippi Band of Choctaw Indians Philadelphia, Mississippi

AREA A FIRE PROTECTION PLAN

PROJECT NO.:
DRAWN BY:
ISSUE DATE: 08/28/24

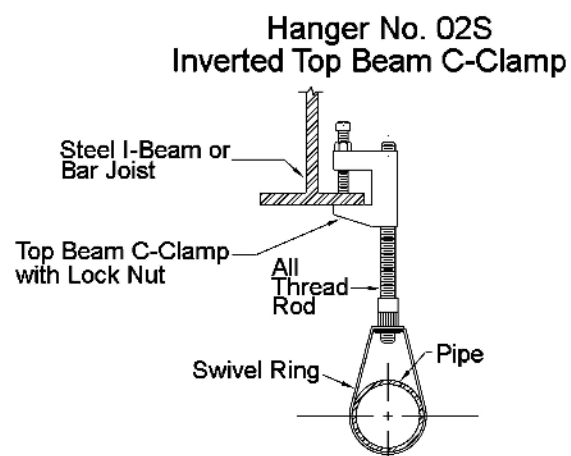
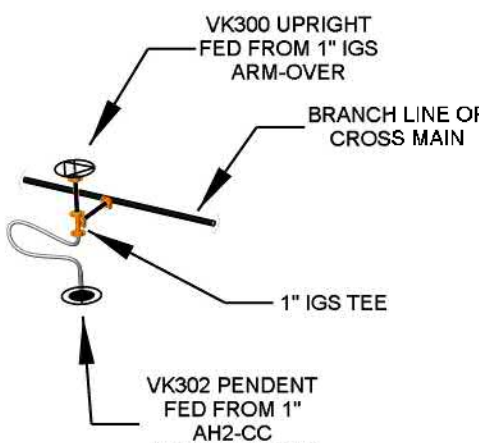
SHEET NUMBER

FP-02



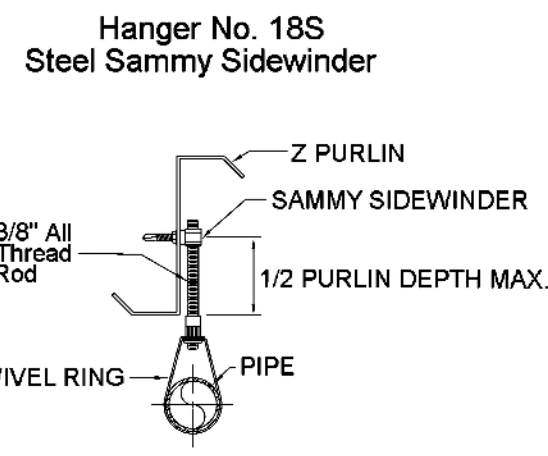
CLOUD CEILING SPRINKLER DETAIL

NOT TO SCALE

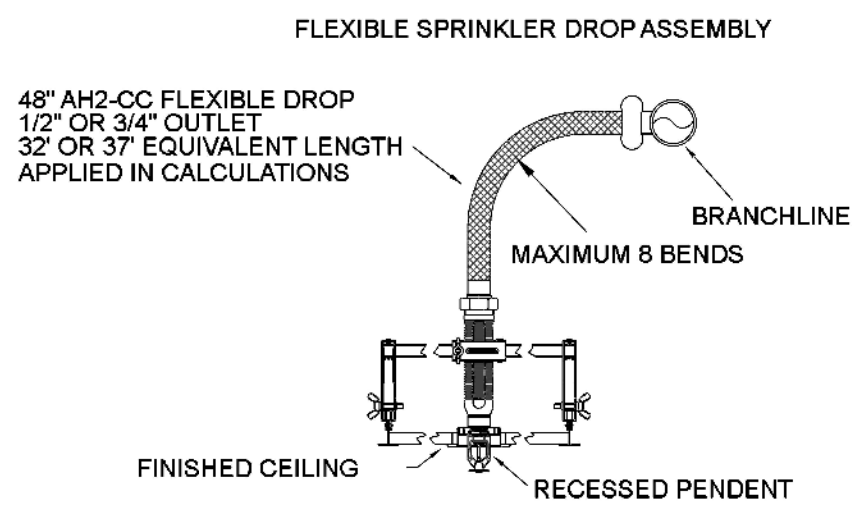


NOT TO SCALE

HANGER DETAILS



NOT TO SCALE



NOT TO SCALE

STEEL BAR JOIST CONSTRUCTION; NO ADDITIONAL SPRINKLERS REQUIRED ABOVE CEILING PER NFPA 13 9.2.1.1 (TYP).

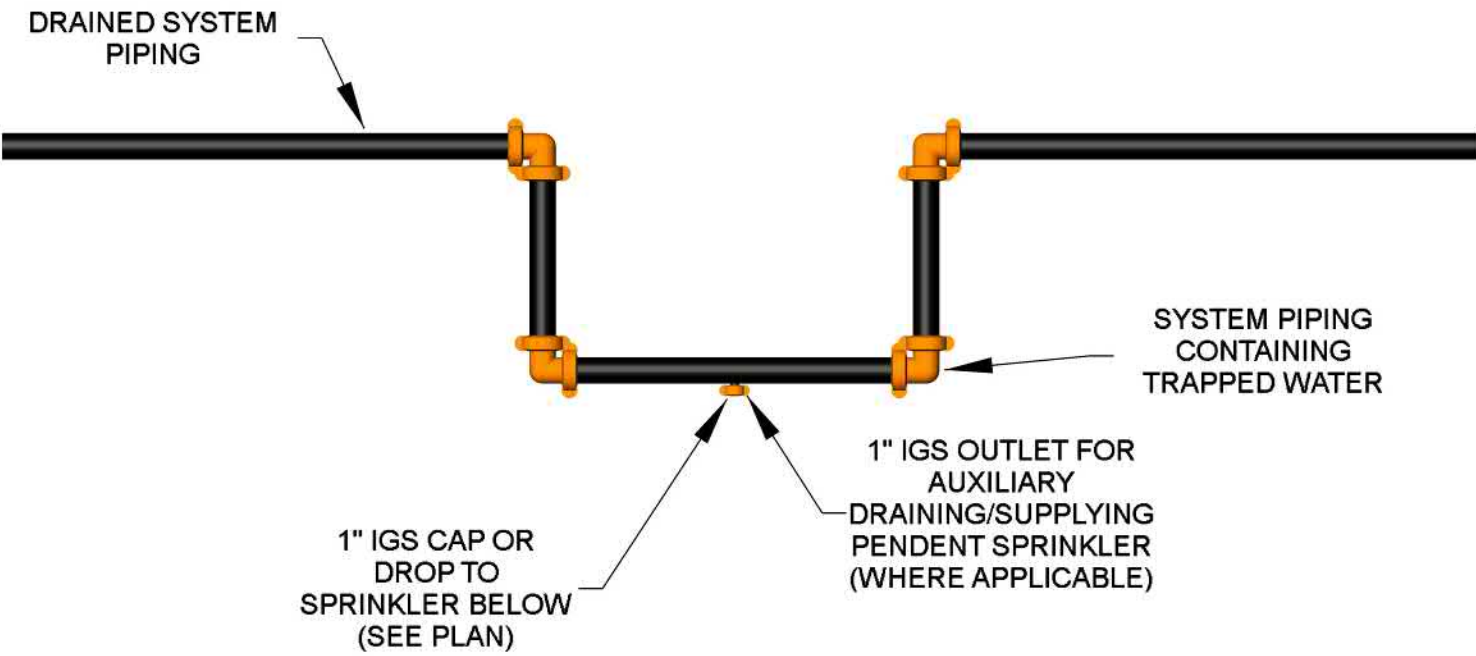
INSTALL UPRIGHT SPRINKLERS SUCH THAT DEFLECTOR IS 1" TO 12" BELOW BOTTOM OF ROOF DECK, OR PER PRODUCT LISTING. THE PRODUCT LISTING SHALL GOVERN.

INSTALL PENDANT SPRINKLERS SUCH THAT THE DEFLECTOR IS 1" TO 12" BELOW FINISHED CEILING, OR PER PRODUCT LISTING. THE PRODUCT LISTING SHALL GOVERN.

STRUCTURE NOTE

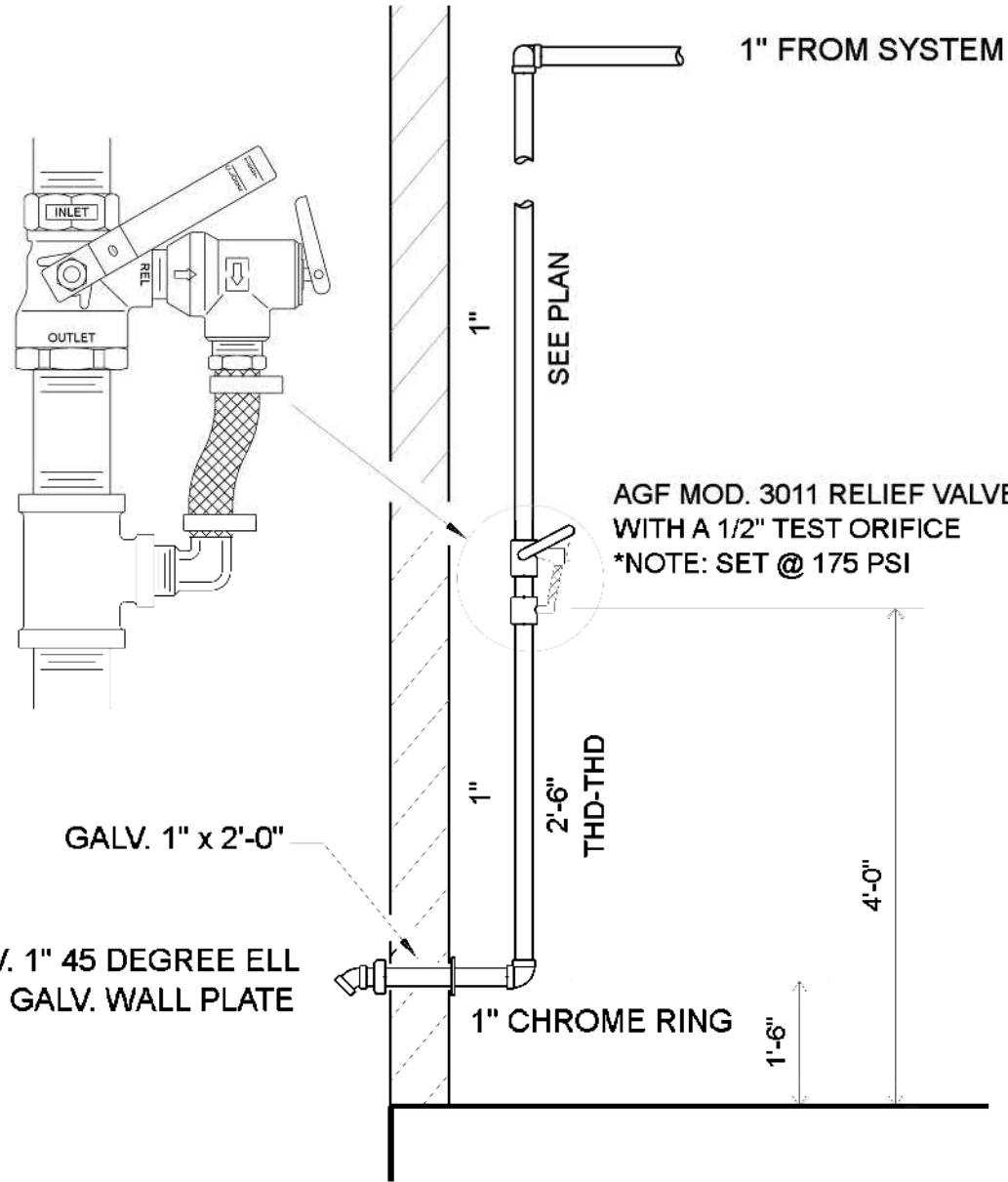
Area B - Sprinkler Legend													
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature	MAX. Spacing	Escutcheon	Notes
	Viking	VK302	Microfast	89	5.6	Pendant	1/2"	Quick	Chrome	200°F	15' x 15'	Recessed	N/A
	Viking	VK534	EC/QREC	28	11.2	Pendant	3/4"	Quick	Chrome	200°F	18' x 18'	Recessed	Ext. Cov.
	Viking	VK300	Microfast	11	5.6	Upright	1/2"	Quick	Brass	200°F	15' x 15'	N/A	N/A
				Total = 128									

PER NFPA 13 16.10.5.2.3, ALL TRAPPED SECTIONS OF PIPE CONTAINING LESS THAN 5 GALLONS MAY DRAIN FROM AN OUTLET SEALED WITH A CAP OR DRAIN FROM A SINGLE PENDANT SPRINKLER WHERE APPLICABLE



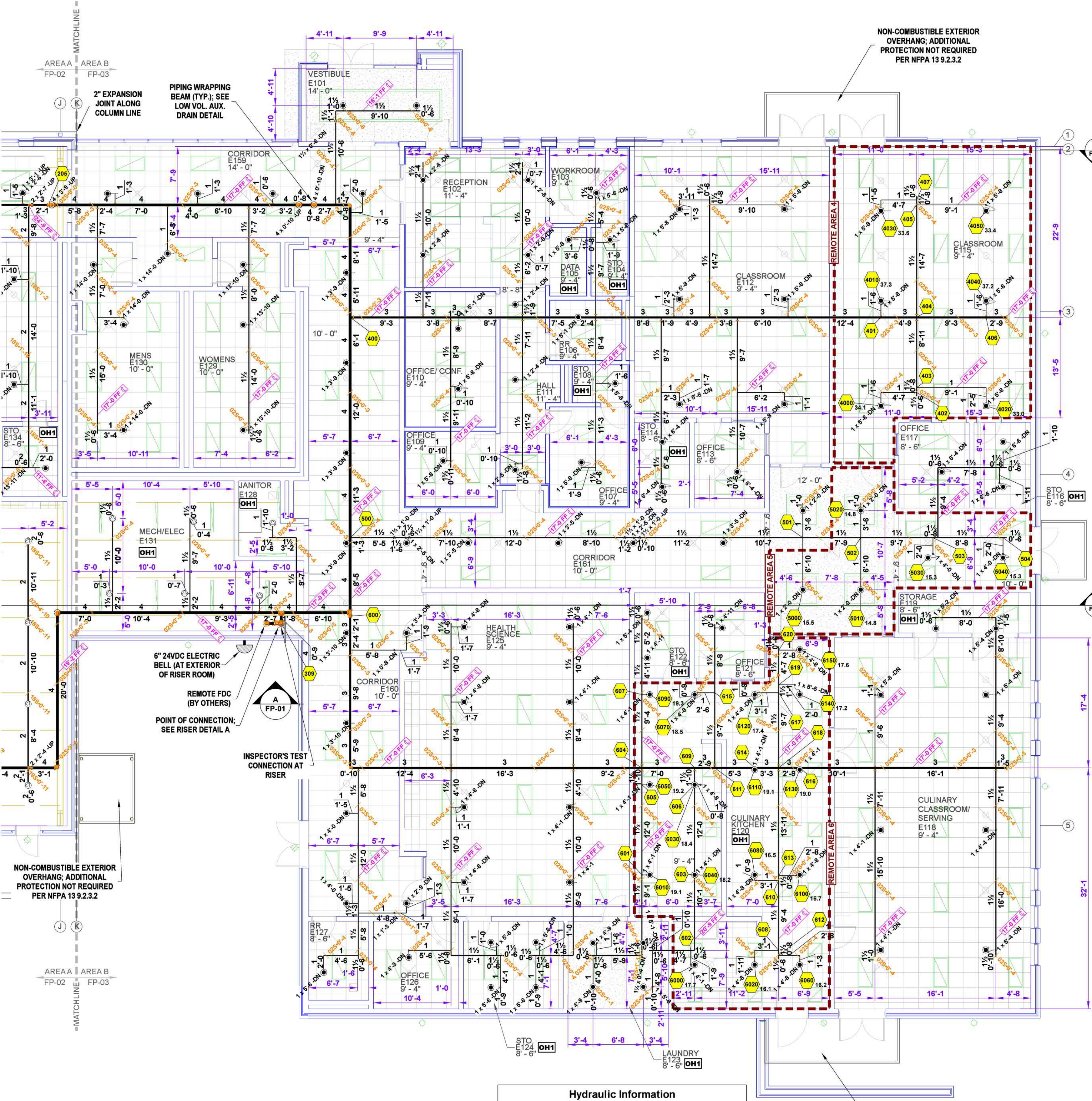
LOW VOLUME AUXILIARY DRAIN DETAIL

NOT TO SCALE



INSPECTORS TEST DETAIL

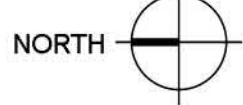
NOT TO SCALE



Hydraulic Information	
Remote Area 4	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.10 for 1500ft² (Actual 995ft²)
QUICK RESPONSE REDUCTION	9'-4" Ceiling (40.0%) 900ft²
TOTAL HOSE STREAMS	100.0
TOTAL HEADS FLOWING	6
K-FACTOR	11.2
TOTAL WATER REQUIRED	308.6
TOTAL PRESSURE REQUIRED	36.5
BASE OF RISER (gpm)	208.6
BASE OF RISER (psi)	46.1
SAFETY MARGIN (psi)	+17.9 (32.7%)
CALCULATED USING THE DENSITY/AREA METHOD PER NFPA 13 19.3.3.2; QR REDUCTION APPLIED PER NFPA 13 19.3.3.2.3	

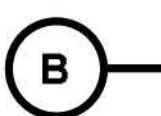
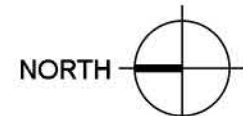
Hydraulic Information	
Remote Area 5	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.10 for 1500ft² (Actual 460ft²)
TOTAL HOSE STREAMS	100.0
TOTAL HEADS FLOWING	6
K-FACTOR	5.6
TOTAL WATER REQUIRED	175.8
TOTAL PRESSURE REQUIRED	33.9
BASE OF RISER (gpm)	75.9
BASE OF RISER (psi)	43.9
SAFETY MARGIN (psi)	+21.0 (38.3%)
CALCULATED USING THE ROOM DESIGN METHOD PER NFPA 13 19.3.3.3; 5 HEADS CALCULATED PER NFPA 13 19.3.3.3.7	

Hydraulic Information	
Remote Area 6	
OCCUPANCY CLASSIFICATION	Ordinary Group I
DENSITY (gpm/ft²)	0.15 for 1500ft² (Actual 1113ft²)
QUICK RESPONSE REDUCTION	9'-4" Ceiling (40.0%) 900ft²
TOTAL HOSE STREAMS	250.0
TOTAL HEADS FLOWING	16
K-FACTOR	5.6
TOTAL WATER REQUIRED	536.0
TOTAL PRESSURE REQUIRED	24.8
BASE OF RISER (gpm)	286.0
BASE OF RISER (psi)	33.5
SAFETY MARGIN (psi)	+28.2 (53.1%)
CALCULATED USING THE DENSITY/AREA METHOD PER NFPA 13 19.3.3.2; QUICK RESPONSE REDUCTION APPLIED PER NFPA 13 19.3.3.2.3	



LEVEL 1 FIRE SPRINKLER PLAN

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



KEY PLAN

N.T.S.

REVISIONS

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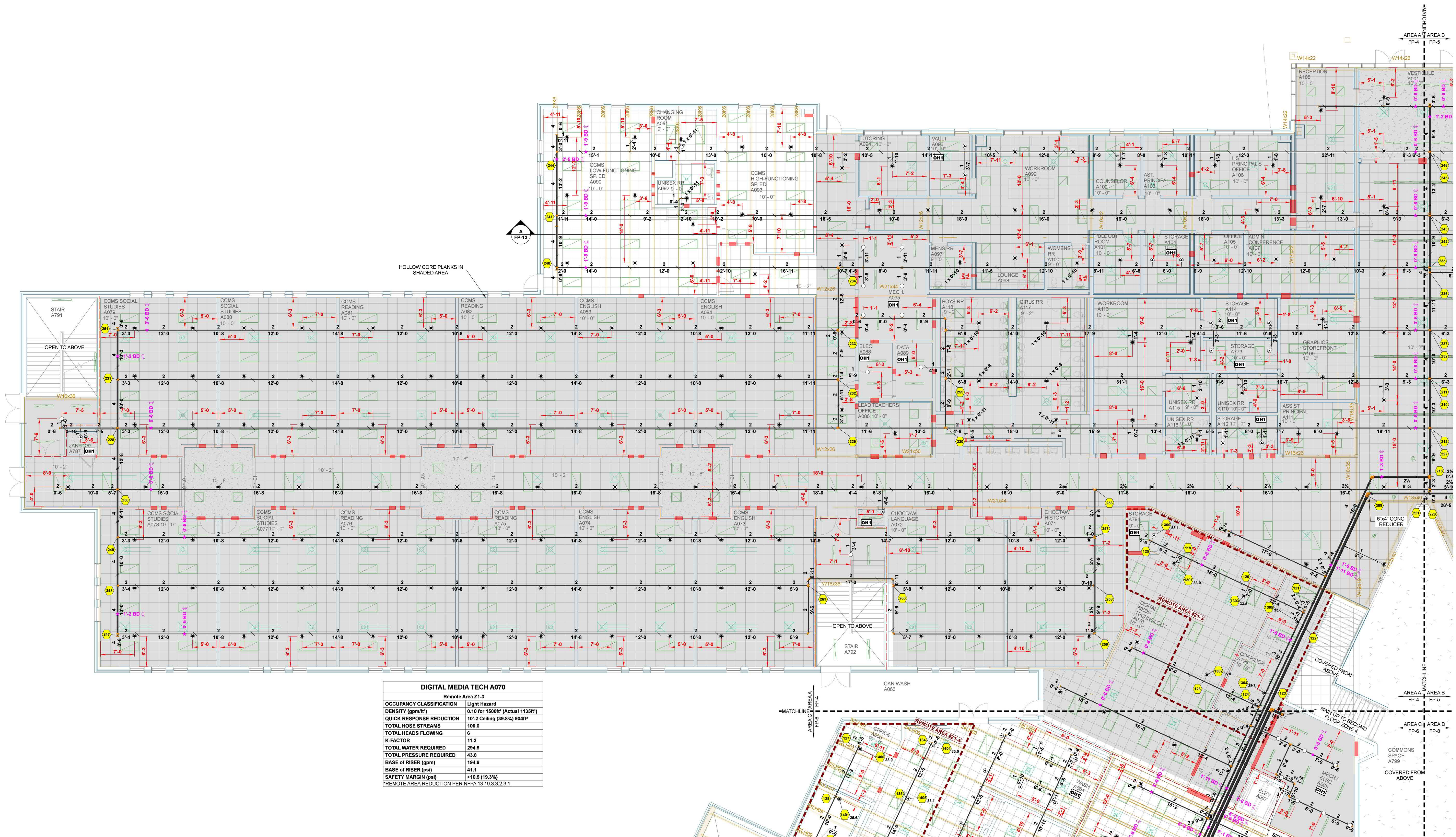
MBCI New Choctaw Central Campus - CTE
Mississippi Band of Choctaw Indians Philadelphia, Mississippi

AREA B FIRE PROTECTION PLAN

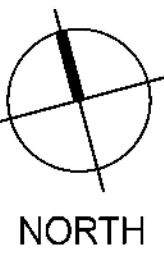
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SHEET NUMBER

FP-03



DIGITAL MEDIA TECH A070	
Remote Area Z1-3	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft ²)	0.10 for 1500ft ² (Actual 1136ft ²)
QUICK RESPONSE REDUCTION	10'-2" Ceiling (39.8%) 904ft ²
TOTAL HOSE STREAMS	100.0
TOTAL HEADS FLOWING	6
K-FACTOR	11.2
TOTAL WATER REQUIRED	294.9
TOTAL PRESSURE REQUIRED	43.9
BASE OF RISER (gpm)	194.9
BASE OF RISER (psi)	41.1
SAFETY MARGIN (psi)	+10.5 (19.3%)
*REMOTE AREA REDUCTION PER NFPA 13 19.3.3.2.3.1.	



1ST FLOOR AREA A FIRE SPRINKLER PLAN

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

Sprinkler Legend: FP-4											
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temp	Note
⊙	Viking	VK302	Microfast	114	5.6	PENDENT	1/2"	QUICK	Chrome	200°F	SEMI-RECESSED
⊙	Viking	VK302	Microfast	22	5.6	PENDENT	1/2"	QUICK	Chrome	200°F	SEMI-RECESSED
⊙	Viking	VK300	Microfast	17	5.6	UPRIGHT	1/2"	QUICK	Brass	200°F	N/A
⊙	Viking	VK172	QR-DRYP	1	5.6	PENDENT	1"	QUICK	Chrome	286°F	CUP AND SKIRT
⊙	Viking	VK534	EC/REC	69	11.2	PENDENT	1/2"	QUICK	Chrome	178°F	SEMI-RECESSED
⊙	Viking	VK305	Microfast	1	5.6	SEMI-RECESSED	1/2"	QUICK	Brass	200°F	N/A
				Total = 224							

HANGER DETAIL

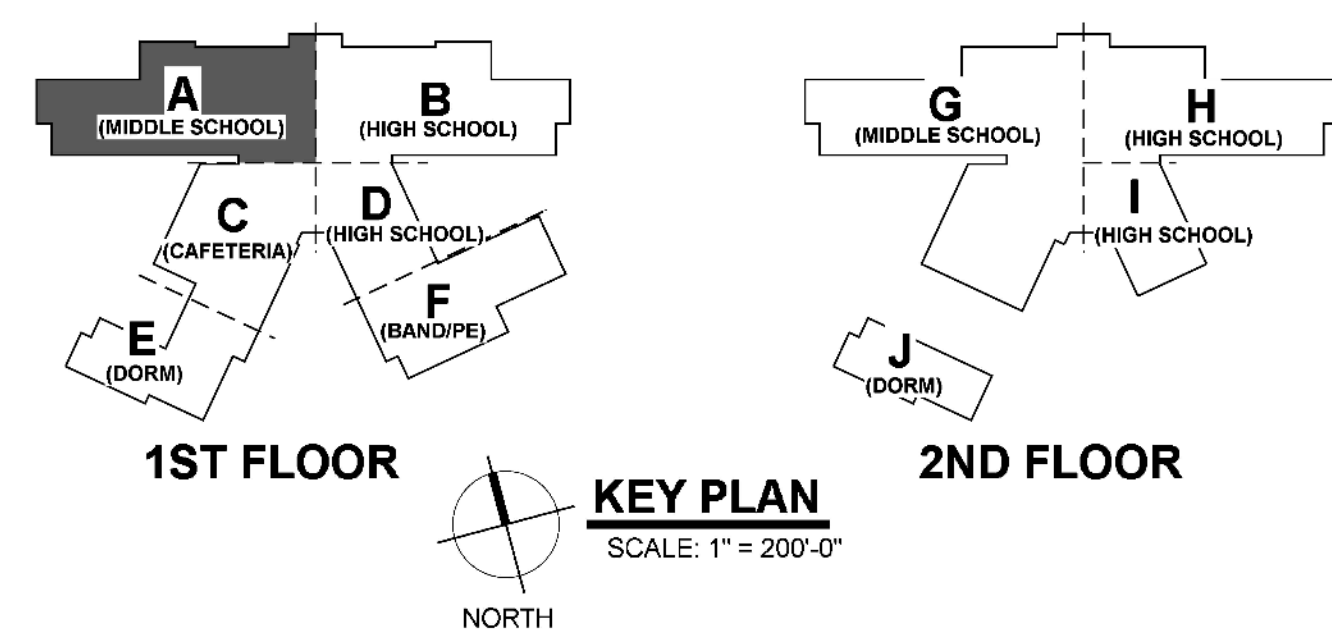
⊙ DROP-IN ANCHOR CONCRETE

HANGER DETAIL

⊙ TOP BEAM CLAMP

MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)							
1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0

STEEL PIPE EXCEPT THREADED LIGHTWALL



REVISIONS		
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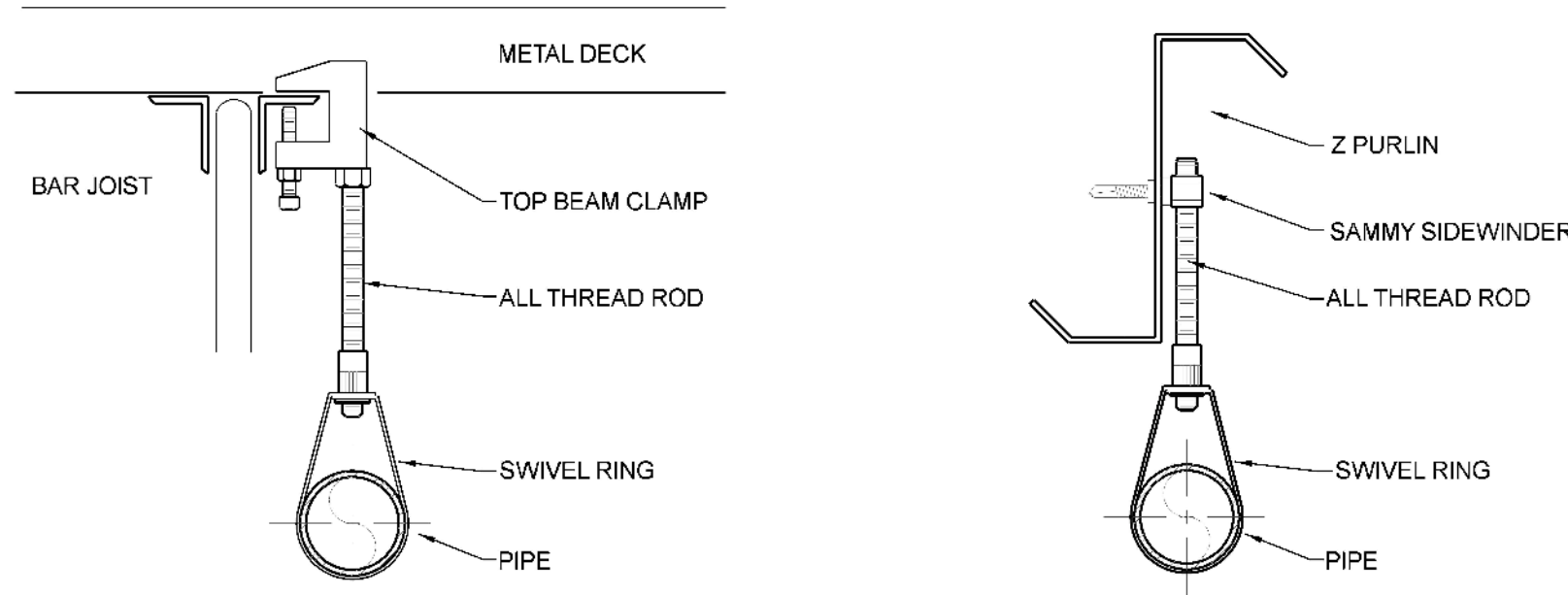
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CHOCTAW CENTRAL CAMPUS
MISSISSIPPI BAND OF CHOCTAW INDIANS
CHOCTAW
FIRST FLOOR AREA A FIRE SPRINKLER SITE PLAN

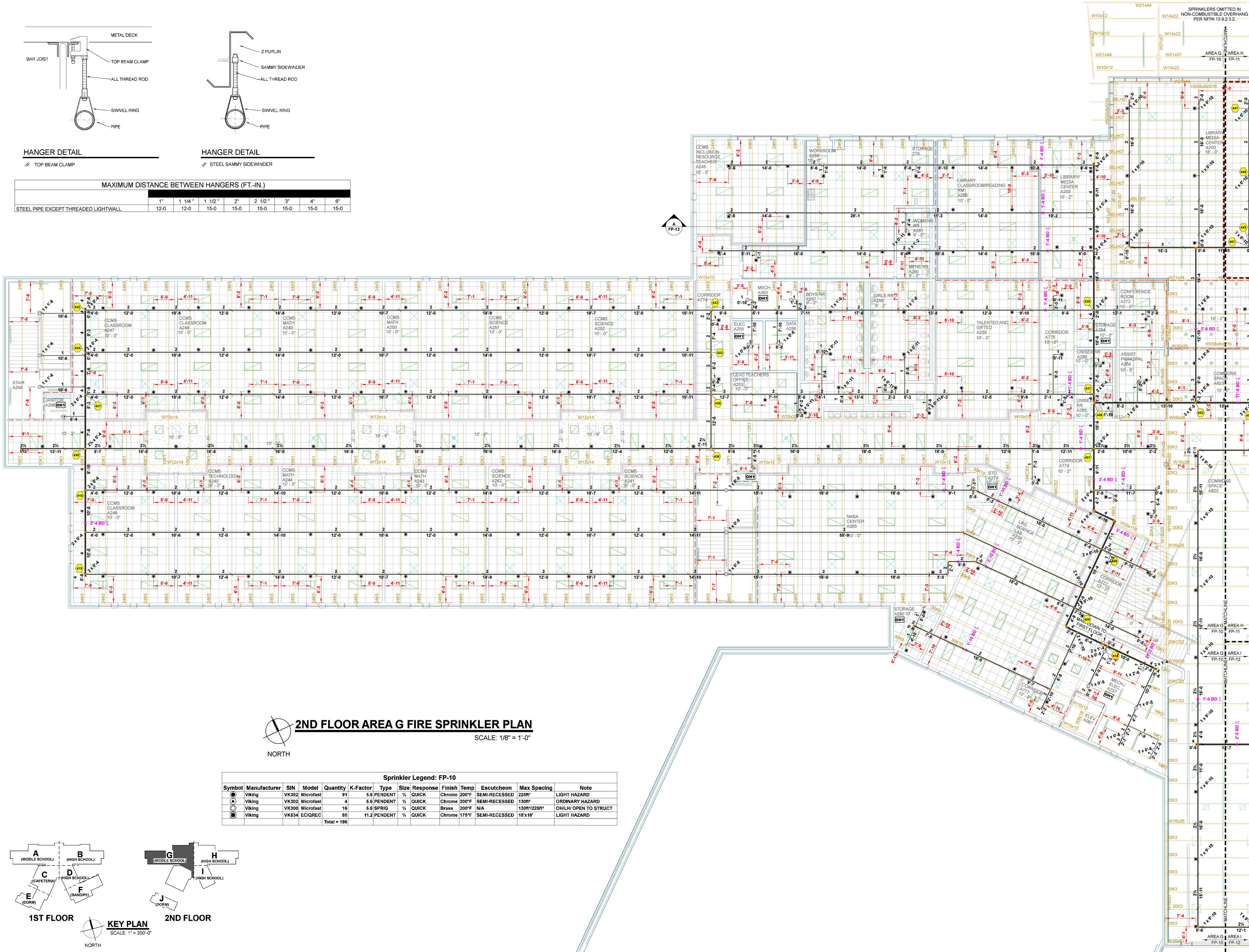
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FP-4



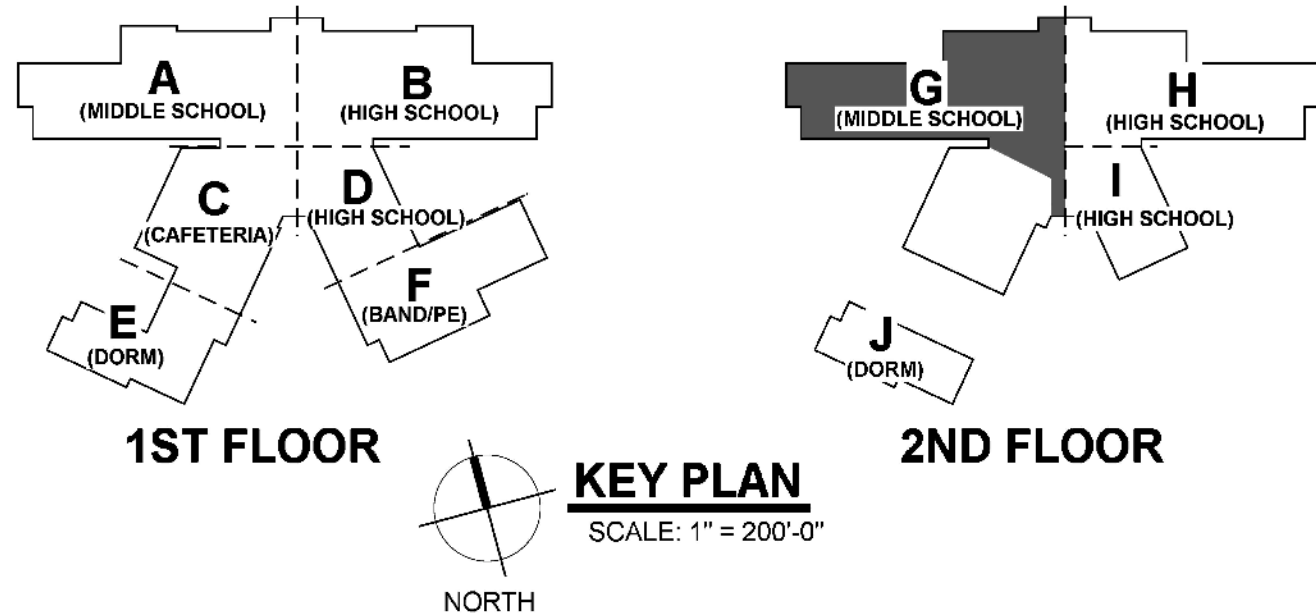
HANGER DETAIL TOP BEAM CLAMP
HANGER DETAIL STEEL SAMMY SIDEWINDER

MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)							
	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
STEEL PIPE EXCEPT THREADED LIGHTWALL	12-0	12-0	15-0	15-0	15-0	15-0	15-0



2ND FLOOR AREA G FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"

Sprinkler Legend: FP-10											
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temp	Note
●	Viking	VK302	Microfast	91	5.6	PENDENT	1/2"	QUICK	Chrome	200°F	SEMI-RECESSED 225R° LIGHT HAZARD
▲	Viking	VK302	Microfast	4	5.6	PENDENT	1/2"	QUICK	Chrome	200°F	SEMI-RECESSED 130R° ORDINARY HAZARD
○	Viking	VK300	Microfast	16	5.6	SPRIG	1/2"	QUICK	Brass	200°F	N/A OHLH OPEN TO STRUCT
●	Viking	VK534	EC/QREC	85	11.2	PENDENT	3/4"	QUICK	Chrome	175°F	SEMI-RECESSED 18"x18" LIGHT HAZARD
				Total = 196							



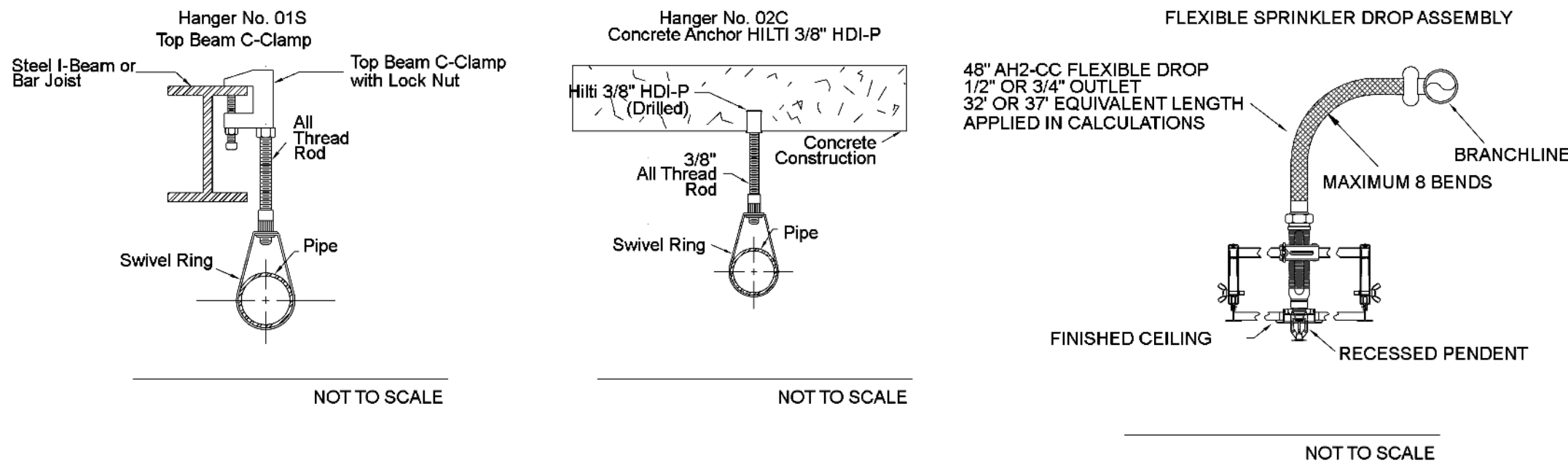
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- INSTALLATION
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CHOCTAW CENTRAL CAMPUS
MISSISSIPPI BAND OF CHOCTAW INDIANS
SECOND FLOOR AREA G FIRE SPRINKLER SITE PLAN

PROJECT NO.:
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ISSUE DATE: 06/2024
SHEET NUMBER
FP-10



HANGER DETAILS

MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)									
	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
STEEL PIPE	NA	12-0	12-0	12-0	12-0	12-0	12-0	12-0	12-0
**INSTALL HANGERS WITHIN 3'-0" OF EVERY TURN OR OFFSET ON MAINS AND BRANCH LINES									
**WHERE HANGERS ARE NEAR UPRIGHT SPRINKLERS, MAINTAIN 3'-3" MIN. SPACE BETWEEN UPRIGHT AND HANGER									
**INSTALL CONCRETE ANCHORS IN HOLLOW CORE PANELS PER ANCHOR LISTING									

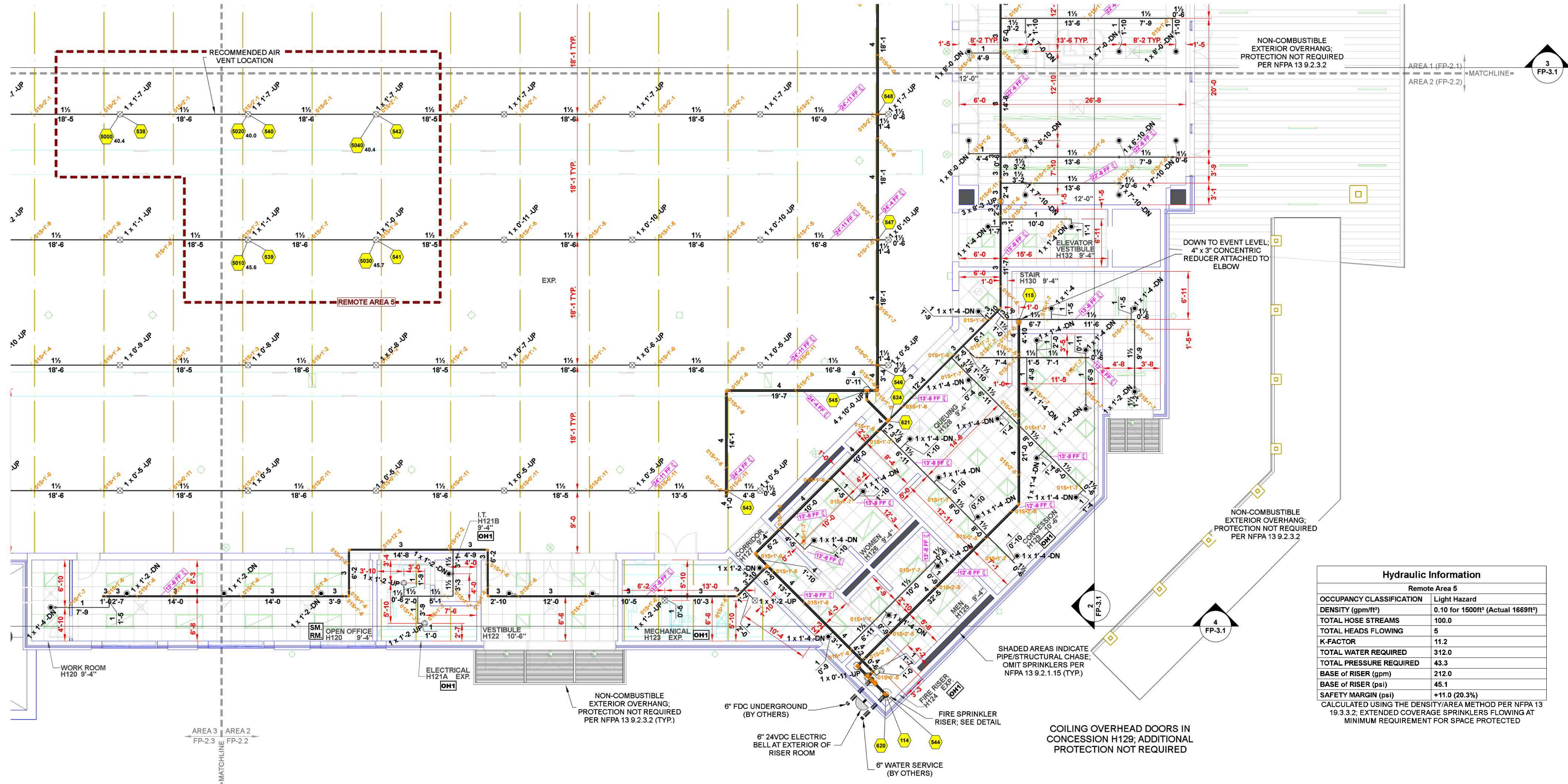
Sprinkler Legend - Concourse Level Area 2													
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature	MAX. Spacing	Escutcheon	Notes
	Viking	VK302	Microfast	37	5.6	Pendent	1/2"	Quick	Chrome	200°F	15' x 15'	Recessed	N/A
	Viking	VK300	Microfast	3	5.6	Upright	1/2"	Quick	Brass	200°F	15' x 15'	N/A	N/A
	Viking	VK332	EQ/IREC	29	11.2	Upright	3/4"	Quick	Brass	200°F	20' x 20'	N/A	EXT. COV.
	Viking	VK334	EQ/IREC	4	11.2	Pendent	3/4"	Quick	Chrome	200°F	18' x 18'	Recessed	EXT. COV.
				Total = 73									

STEEL BAR JOIST CONSTRUCTION; NO ADDITIONAL SPRINKLERS REQUIRED ABOVE CEILING PER NFPA 13 9.2.1.1 (TYP.)

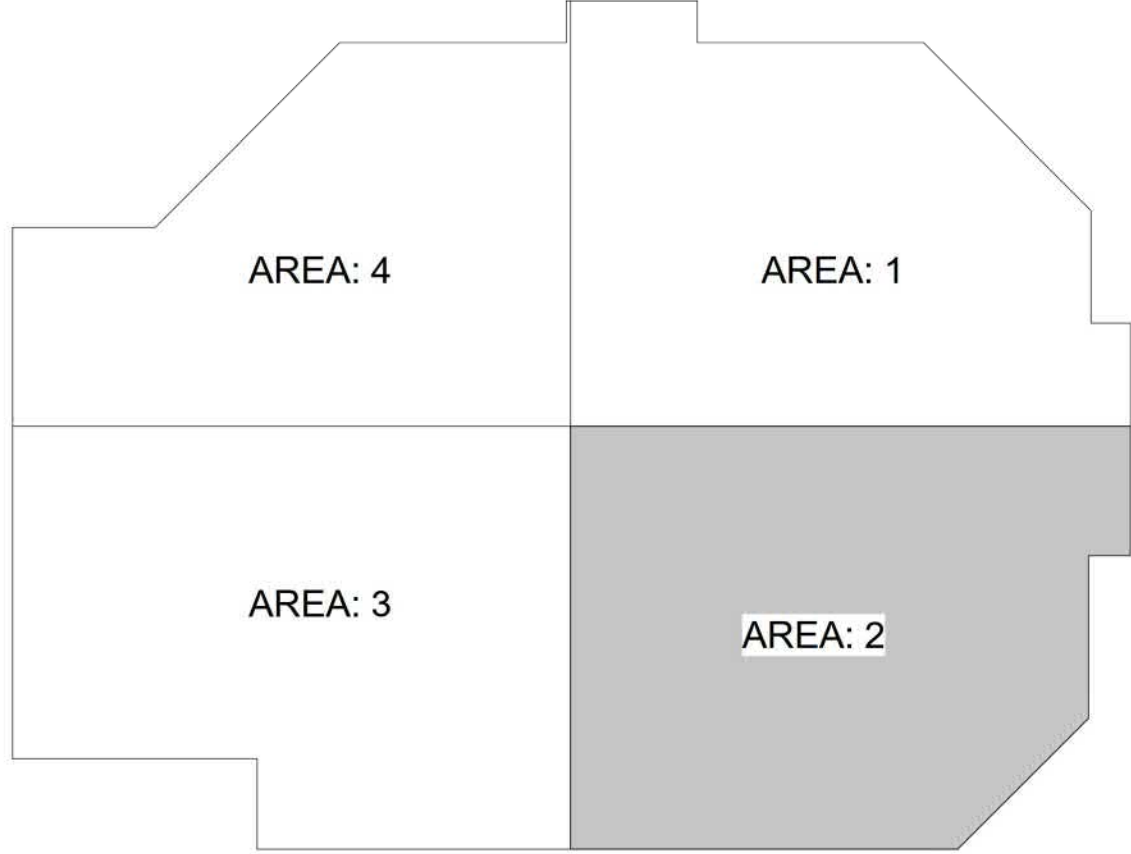
INSTALL UPRIGHT SPRINKLERS SUCH THAT DEFLECTOR IS 1" TO 12" BELOW BOTTOM OF CONCRETE DECK, OR PER PRODUCT LISTING. THE PRODUCT LISTING SHALL GOVERN.

INSTALL PENDENT SPRINKLERS SUCH THAT THE DEFLECTOR IS 1" TO 12" BELOW CEILING, OR PER PRODUCT LISTING. THE PRODUCT LISTING SHALL GOVERN.

STRUCTURE NOTE



Hydraulic Information	
Remote Area 5	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.10 for 1500ft² (Actual 1669ft²)
TOTAL HOSE STREAMS	100.0
TOTAL HEADS FLOWING	5
K-FACTOR	11.2
TOTAL WATER REQUIRED	312.0
TOTAL PRESSURE REQUIRED	43.3
BASE OF RISER (gpm)	212.0
BASE OF RISER (psi)	45.1
SAFETY MARGIN (psi)	+11.0 (20.3%)
CALCULATED USING THE DENSITY/AREA METHOD PER NFPA 13 19.3.3.2; EXTENDED COVERAGE SPRINKLERS FLOWING AT MINIMUM REQUIREMENT FOR SPACE PROTECTED	



CONCOURSE LEVEL FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"

REVISIONS

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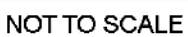
- PRE-BID SCHEMATIC
- BID SCHEMATIC
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MBCI New Choctaw Central Campus - Arena
Mississippi Band of Choctaw Indians Philadelphia, Mississippi

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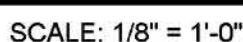
FP-2.2



MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)

INSTALL HANGERS WITHIN 3' OF EVERY TURN OR OFFSET ON MAINS AND BRANCH LINES
 **WHERE HANGERS ARE NEAR UPRIGHT SPRINKLERS, MAINTAIN 0'-3" MIN. SPACE BETWEEN UPRIGHT AND HANGER
 **INSTALL CONCRETE ANCHORS IN HOLLOW CORE PANELS PER ANCHOR LISTING

CALC PLACARD



*ALL SPRINKLERS IN DROP CEILINGS TO BE PLACED CENTER TILE

INSTALL PENDENT SPRINKLERS SUCH THAT THE DEFLECTOR IS 1" TO 12" BELOW CEILING, OR PER PRODUCT LISTING. THE PRODUCT LISTING SHALL GOVERN.

STRUCTURE NOTE



L PRE-BID SCHEMATIC
 □ BID SCHEMATIC
 ■ INSTALLATION
 | AS-BUILT