



- | | | | |
|---|---|---|---|
| 1. INSTALL FIRE PROTECTION PIPING AS SHOWN, WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING. | 5.3. THE PLATFORM, IF AVAILABLE, LIGHT HAZARD FOR THE REMAINDER OF THE BUILDING. | 10. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS. ALL SPRINKLERS SHALL BE QUICK-RESPONSE TYPE. | 15. WITHIN THE EQUIPMENT PLATFORM FLOOR FRAMING, PIPING SHALL BE INSTALLED DOWN ADJACENT TO THE WALL AND SHALL NOT BE ALLOWED TO BE INSTALLED DOWN THROUGH THE CENTER OF THE MECHANICAL AREAS OR THE FLOOR SURFACE. PIPING WITHIN FLOOR FRAMING IS SHOWN DASHED. SEE K/F5501. |
| 2. USE DRY-BARREL TYPE SPRINKLERS IN COLD AREAS AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM. | 6. SPRINKLER HEAD SPACING:
6.1. LIGHT HAZARD AREAS: 225 SQ. FT.
6.2. ORDINARY HAZARD AREAS: 130 SQ. FT. | 11. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY-BARREL SPRINKLERS) SHALL BE INSTALLED INSIDE THE BUILDING INSULATION ENVELOPE. | 16. THIS BUILDING IS DESIGNED TO BE EXPANDED IN PHASES WITHOUT MAJOR MODIFICATION TO THE ALFRA INSTALLED FIRE SPRINKLER SYSTEM. |
| 3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER. | 7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE. | 12. ALL REQUIRED DRAINS SHALL FOLLOW NFPA 13 REQUIREMENTS. DRAIN VALVES SHALL BE LOCATED TO PREVENT PUBLIC ACCESS AND SHALL BE PIPED TO DISCHARGE OUTSIDE THE BUILDING. | 15.1. THE SPRINKLER LINES ARE TO FOLLOW THE SAME DRAIN FROM THE END HEAD TO THE RISER NIPPLE OR CROSS MAIN. |
| 4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN ALFRA 13. | 8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS. | 13. FIRE SPRINKLERS SHALL NOT BE REQUIRED UNDER CANOPIES UNLESS REQUIRED BY THE FIRE MARSHAL. | 15.2. THE SPRINKLER MAINS ARE TO BE THE SAME DIA. FROM THE TOP OF THE SYSTEM RISER TO THE END OF THE MAIN. |
| 5. THE FIRE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY DESIGNED PER THE REQUIREMENTS OF NFPA 13. | 9. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS (LOCATIONS ONLY). SPRINKLER HEADS ARE NOT REQUIRED TO BE CENTERED IN THE ONE FOOT ACOUSTICAL TILES. | 14. THE SPRINKLER PIPING SUPPLYING THE MAIN LEVEL SPRINKLERS BELOW THE EQUIPMENT PLATFORMS SHALL BE LOCATED | |
| 5.1. ORDINARY HAZARD GP 1 FOR MECHANICAL, ELECTRICAL, SERVING AREA, AND JANITOR AREAS. | | | |
| 5.2. ORDINARY HAZARD GP 2 FOR | | | |

HEAD COUNT							
SPRINKLERS	K-FACTOR	ORIFICE	FINISH	TYPE	CANOPY	DEGREE	QUANTITY
☉	5.6	1/2"	WHITE	WET PENDENT	CONCEALED	155	
☉	5.6	1/2"	BRONZE	PENDENT	N/A	212	
☉	5.6	1/2"	WHITE	DRY PENDENT	CONCEALED	155	
☉	5.6 or 8.0	1/2"	BRONZE	BB-ATTIC SIDEWALL	N/A	212	
☉	5.6 or 8.0	1/2"	BRONZE	BB-ATTIC SIDEWALL	N/A	212	
☉	5.6	1/2"	WHITE	DRY SIDEWALL	RECESSED	200	
E				(E=EXTENDED COVERAGE)			
☉	5.6	1/2"	WHITE	WET SIDEWALL	RECESSED	155	
☉	5.6	1/2"	BRONZE	WET SIDEWALL	N/A	212	
☉	5.6	1/2"	BRONZE	DRY SIDEWALL	N/A	212	

WATER FLOW TEST	
TEST DATE: _____	TEST TIME: _____
STATIC: _____	RESIDUAL: _____
FLOW: _____	LOCATION: _____
TEST BY: _____	

<h2 style="margin: 0;">HYDRAULIC DESIGN</h2> <h3 style="margin: 0;">INFORMATION FOR WET SYSTEM</h3>	
REMOTE AREA = _____	SQUARE FEET
DENSITY = _____	GPM/SQUARE FEET
RISER BASE _____	GPM _____ PSI

now architects p.a.
ARCHITECTURE / PLANNING / INTERIORS
SCOTT L. NELSON, A.I.A., KEVIN P. BODILY, A.I.A., JAMES H. WYATT, A.I.A.
190 JOHN HUNTS PARKWAY, P.O. BOX 2212 • IRVING HILLS, URBAN R3402-2212
(P) 208-522-8779 (F) 208-522-8795 (W) www.nharchitects.com

amp:

Thunder Ridge Sr. Seminary
S&I
Project
Address

Project for:

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

[illegible]

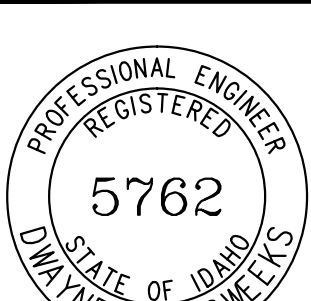
Project Number:	G059
Plan Series:	EM07-04-10
Property Number:	

Sheet Title:
FIRE SPRINKLER
FLOOR PLANS

Sheet:

S101

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Nov 29, 2017
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCA TELLO, IDAHO 83201



ESA JOB NUMBER: 17011