

NFPA 13
PERMIT

Unified Fire Authority
Fire Prevention Division



Inspector: Danny Egbert: 801-743-7235

Date: February 5, 2021

ACCEPTED

Project: La Caille

Address: 9565 Wasatch Boulevard

Contractor: Fire Suppression Services

Designer: Craig Blue

Address: 3802 South 2300 East, Salt Lake City, Utah 84109

Phone #: (801) 277-6464

Occupancy: A-2

Plan Review Comments:

- Verify that there are no obstructions to fire sprinkler spray pattern development.

Inspection Notes:

Grid #: 144

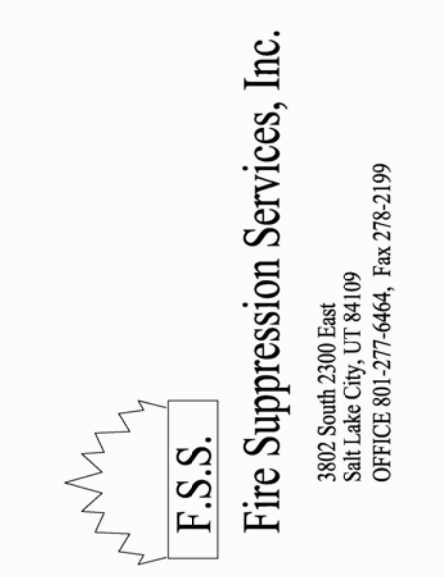
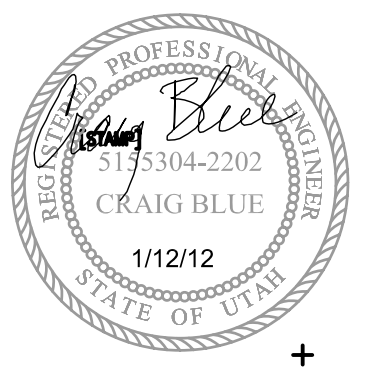
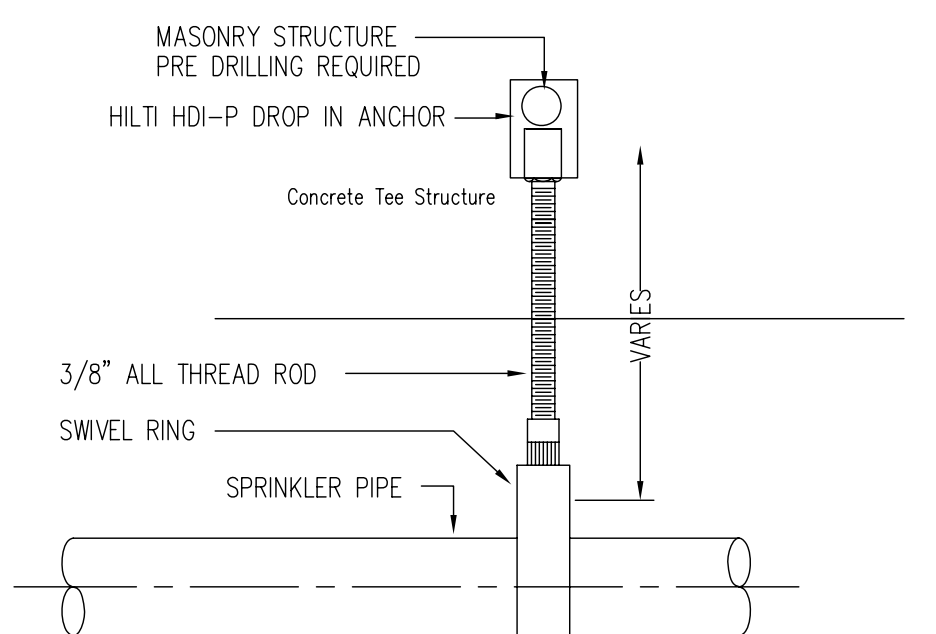
File Number 142-20

FIRE SPRINKLER

GENERAL NOTES

1. CONTRACTOR STARTING POINT SHALL BE AT EXISTING MAIN PIPING NOTED IN DRAWING.
2. AUTOMATIC FIRE SPRINKLER SYSTEM HAS BEEN HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA #13, 2007 EDITION. EXISTING SYSTEM IS CONSIDERED REMOTE AREA.
3. AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA#13, 2007 ED., INSTALLATION OF SPRINKLER SYSTEMS.
4. ALL PIPING SHALL BE DYNAFLOW 10 & DYNATHREAD 40 STEEL PIPING TYPICALLY.
5. FITTINGS SHALL BE THREADED, WELDED AND GROOVED IN ACCORDANCE WITH LISTING AND NFPA #13 REQUIREMENTS.
6. SEISMIC BRACING AND FLEXIBLE COUPLINGS SHALL BE PROVIDED AS REQUIRED FOR SEISMIC PROTECTION.
7. THE SPRINKLER CONTRACTOR SHALL COORDINATE WITH EXISTING EQUIPMENT, STRUCTURE AND PROVIDE ADDITIONAL OFFSETS AS REQUIRED FOR INSTALLATION. SPRINKLER PIPING SHALL BE REQUITED AS REQUIRED WHERE CONFLICTS OCCUR. SPRINKLER CONTRACTOR'S PRICING SHALL INCLUDE ANY PIPING OFFSETS, OR REVISED OUT LENGTHS.
8. PIPE ROUTING, ELEVATIONS, SPRINKLER LOCATIONS, & DIMENSIONS ARE SCHEMATIC AND SHALL BE USED AS REFERENCE ONLY. INSTALLER SHALL FIELD VERIFY CONDITIONS AND PROVIDE OFFSETS AS REQUIRED FOR INSTALLATION. DEVIATION FROM SCHEMATIC PLAN SHALL BE APPROVED IN WRITING BY THE ENGINEER, PRIOR TO INSTALLATION.
9. SUBSTITUTION OF SPRINKLERS AND OTHER DEVICES SHALL BE OF EQUAL SPRINKLERS, VALVES, FITTINGS, PIPE, HANGERS AND OTHER MISC. DEVICES SHALL BE UL LISTED.
10. FINAL REBLINE AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE SPRINKLER CONTRACTOR.
11. BUILDING IS CONSIDERED A HEATED BUILDING. IT SHALL BE THE OWNERS RESPONSIBILITY TO PROVIDE AND MAINTAIN A MINIMUM 40°F IN BUILDING AT ALL TIMES. TEMPERATURES LESS THAN THE MINIMUM NOTED MAY CAUSE SYSTEM FAILURE. ALL DOORS SHALL SEAL AND OPERATE PROPERLY TO ELIMINATE POTENTIAL FREEZING DUE TO EXCESSIVE INFILTRATION.
12. BUILDING OCCUPANCY CLASSIFICATION IS CONSIDERED AS FOLLOWS: ORDINARY HAZARD GROUP 1 FOR KITCHEN, & STORAGE, OFFICES, DINING SPACES AND BATHROOMS ARE TO BE CONSIDERED AS LIGHT HAZARD OCCUPANCY.
13. LATERAL BRACING OF MAINS NOT REQUIRED WHEN HANGERS ARE LESS THAN 6' IN LENGTH.
14. ALL STANDARD COVERAGE SPRINKLERS SHALL BE SUPPLIED WITH 1 FEEDS/DROPS TYPICALLY.
15. NO CHANGE TO EXISTING RISER OR ALARM SYSTEM.
16. THE FIRE PREVENTION BUREAU SHALL BE NOTIFIED THREE DAYS IN ADVANCE TO CONDUCT THE FOLLOWING: A. INSPECTION OF PIPE, HANGER AND SWAY BRACING. WITNESS OF THE HYDRO INSPECTION. FLOW AND MAIN DRAIN TEST OF THE SYSTEM.
17. SPRINKLERS IN CEILINGS SHALL BE OFFSET AS NEEDED TO PROVIDE COVERAGE AND AVOID CONFLICT WITH SUSPENDED CEILING GRIDS. FIELD VERIFICATION AND MODIFICATIONS OF THREADED PIPING SYSTEM SHALL BE REQUIRED.
18. ROUTING OF EXPOSED PIPING SHALL BE COORDINATED WITH OWNER. ANY PAINTING, SPOTTING AND CONCEALMENT OF PIPING SHALL BE PROVIDED BY OWNER.
19. SPECIAL APPROVAL REQUIRED OF AHJ FOR USE OF ANTIFREEZE GREATER THAN 50% GLYCERINE OR 40% PROPYLENE GLYCOL. NOTED AT ANTIFREEZE LOOP FOR REQUESTED 50% PROPYLENE GLYCOL SOLUTION FOR SUFFICIENT FREEZE PROTECTION LESS THAN -3°F.

SYMBOLS LEGEND		
WET SYSTEM RISER	FLEXIBLE GROOVED COUPLING	WELDED PIPE SIZE
DRY PIPE/DELUGE SYSTEM RISER	RIGID GROOVED COUPLING	MAIN PIPE LENGTH
FIRE HYDRANT	REDUCING GROOVED COUPLING	BRANCHLINE NUMBER
ELECTRIC ALARM BELL	THREADED PIPE COUPLING	HYDRAULIC CALC. REFERENCE
WATER MOTOR GONG	CONTROL VALVE	OF PIPE BELOW DECK / CEILING
PIPE "PRESS"	VALVE WITH TAMPER SWITCH	OF PIPE ABOVE FINISHED FLOOR
PIPE "DROP"	KEY VALVE WITH READ BOX	CEILING ELEVATION AND TYPE
PIPE "CAP"	AUXILIARY DRAIN/PLUG	ELEVATION DATUM
SWAY BRACING	CHECK VALVE	ELEV. XXX'XX"
PIPE HANGER (SEE CHART)	FLOW SWITCH	RISE/DROP CUT LENGTHS
POINT OF CONNECTION	BUTTERFLY VALVE WITH TAMPER SWITCH	
EXISTING SPRINKLER PIPE	DEPARTMENT CONNECTION	
SPRINKLER HEAD/SECTION VIEW		



PROJECT TITLE

La Caille- Pavillion
9565 Wasatch Boulevard
Sandy City, Utah 84101

REVISIONS	
PROJECT #:	542
DRAWN BY:	JDF
ISSUE DATE:	1/12/12

SHEET CONTENTS
FIRE SPRINKLER PLAN

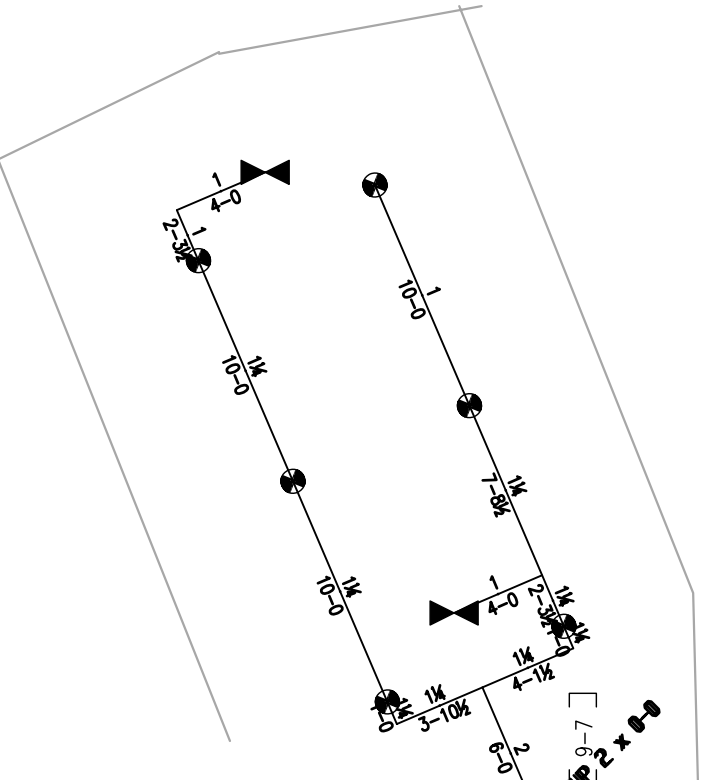
F-1.1

FLOW TEST AT HYDRANT WEST OF BUILDING- PARKING LOT AREA PROVIDED PS-140 PSI, PR 40 FLOWING 971 GPM- TEST BY CRAIG BLUE PE.



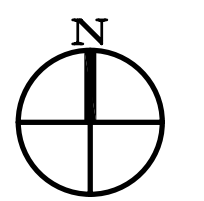
3 EXISTING SITE PLAN-REFERENCE ONLY
F11 NO SCALE

FLOW TEST AT HYDRANT WEST OF BUILDING- PARKING LOT AREA PROVIDED PS-140 PSI, PR 40 FLOWING 971 GPM- TEST BY CRAIG BLUE PE.

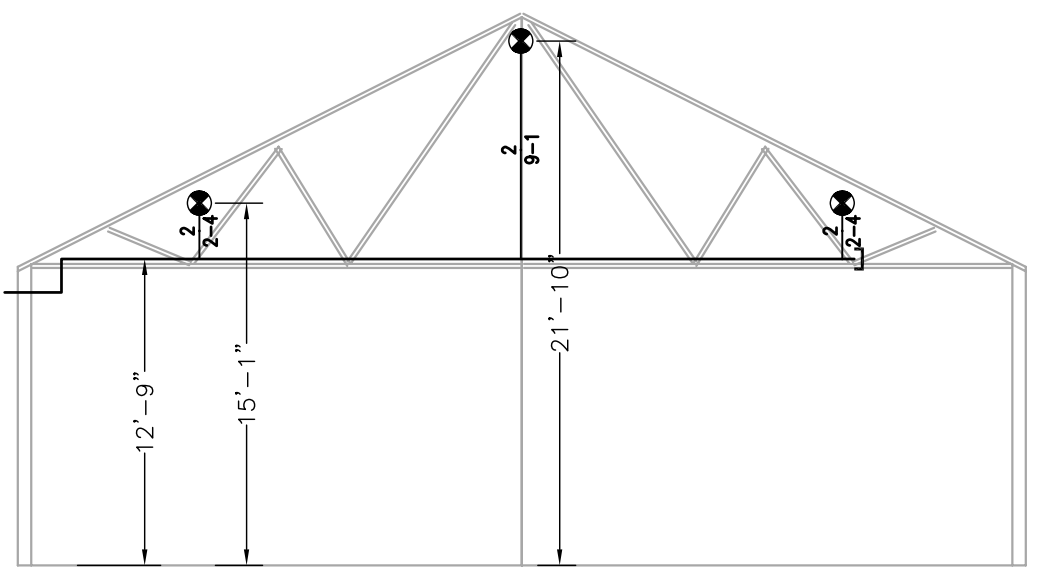


PENDING AHJ APPROVAL
ANTIFREEZE LOOP ASSEMBLY
50% PROPYLENE GLYCOL SOLUTION
CONTROL VALVE WITH TAMPER SWITCH
AND RISE IN CHECK VALVE REQUIRED.
8 GALLON CAPACITY

1 MAIN LEVEL FIRE SPRINKLER PLAN
F11 1/8"=1'-0"



PRE-CONSTRUCTION DEMOLITION 2020-Nov-01 Phase I
General contractor will convert existing Patio into a Lounge. (Phase II)
Fire Sprinkler contractor to:
1. Advise Alarm monitoring company to put in test.
2. Drain system
3. REMOVE A SECTION OF SPRINKLER LINE.
4. CAP OFF EXPOSED ENDS
4a. ensure caps are at convenient end-points in the HEATED SPACE
5. RE-FILL THE SYSTEM & RETURN TO SERVICE
6. Check/confirm that Pavillion is supplied via [15] line (dotted)
7. Advise Alarm co. & Site supervisor work is complete
Note: Top of stairs is new building line. Be aware you will use the capped ends to tie in to 'new' sections
Note: Flow test was done w/AHJ Nov-25-2020



2 PAVILLION SECTION VIEW
F11 1/8"=1'-0"