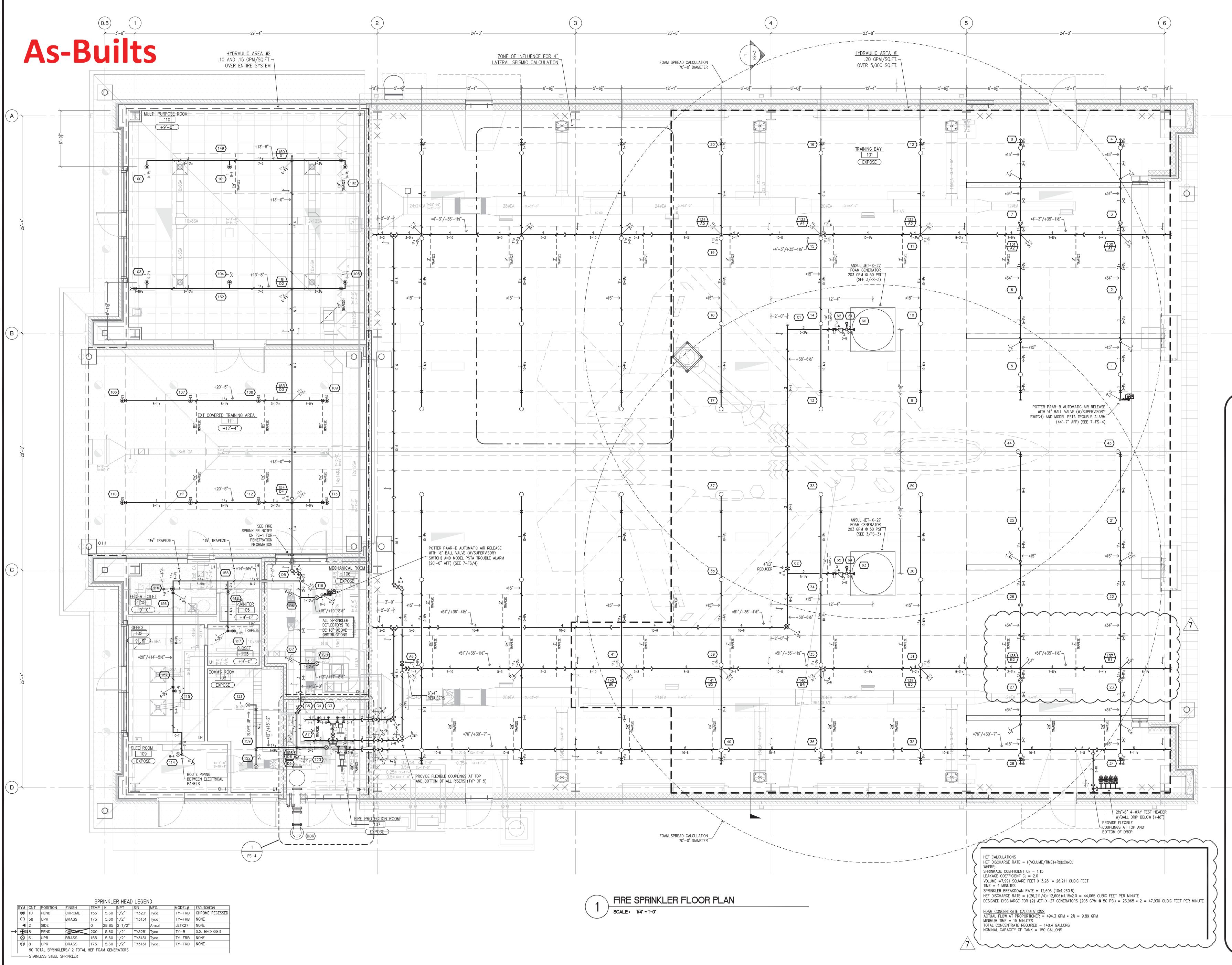
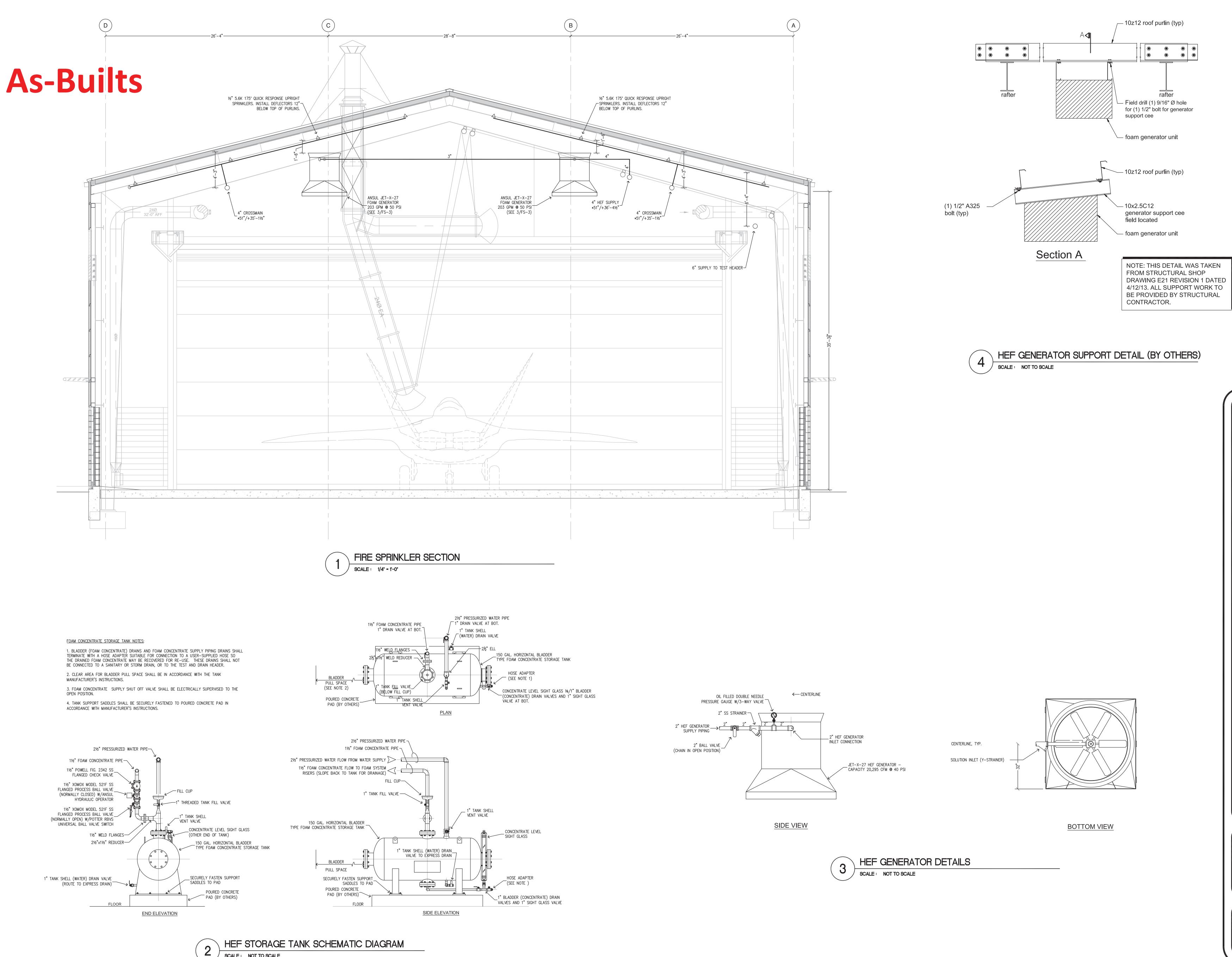


-1⁄2" BOLT WITH NUT AND WASHER
 1⁄2" COOPER B-LINE TOLCO FIG. 50 SIDE BEAM BRACKET WITH NUT ON TOP AND BOTTOM
 1⁄2" COOPER B-LINE TOLCO FIG. B3205 THREADED ROD BOTH END (BEND SOLID PORTION ONLY)
COOPER B-LINE TOLCO FIG. 200 ADJUSTABLE BAND HANGER



ICON 92-324 PUEONANI PLACE KAPOLEI, HI 96707 PHONE/FAX: (808) 672-7214 WWW.ICONFIRE.COM SYSTEMS DESIGN				
Contrac	TOR			
*1'-0 === === -(\$ - - - - - - - - - - - - - - - - -	<ul> <li>ELEVATION ABOVE FLOO</li> <li>ELEVATION BELOW DECO</li> <li>RIGID COUPLING</li> <li>FLEXIBLE COUPLING</li> <li>CAP</li> <li>PLUG</li> <li>RISE</li> <li>DROP</li> <li>HANGER ASSEMBLY</li> <li>BRANCH LINE RESTRAIN</li> <li>2-WAY EARTHQUAKE BR</li> <li>4-WAY EARTHQUAKE BR</li> <li>HYDRAULIC NODE POINT</li> </ul>	IT ACE ACE BOL		
	S.S. DANNAWAY COMMENTS	6/26/14		
6	S.S. DANNAWAY COMMENTS	6/20/14		
<u> </u>	RELOCATED RELIEF VALVES	2/24/14		
<u> </u>	RELOCATED VALVES	2/12/14		
3	BURNS & MCDONNELL COMMENTS	1/28/14		
2	REVISED UNDERGROUND SUPPLY	11/25/13		
No.	REVISION/ISSUE	Date		
PROJECT NAME AND ADDRESS <u>FIRE SPRINKLER SHOP DRAWINGS</u> TFI - F-22 SQUADRON WEAPONS LOAD CREW TRAINING FACILITY JOINT BASE PEARL HARBOR - HICKAM HAWAII AIR NATIONAL GUARD CONTRACT NO. W90FYQ-09-D-0002				
DATE	AS SHOWN			



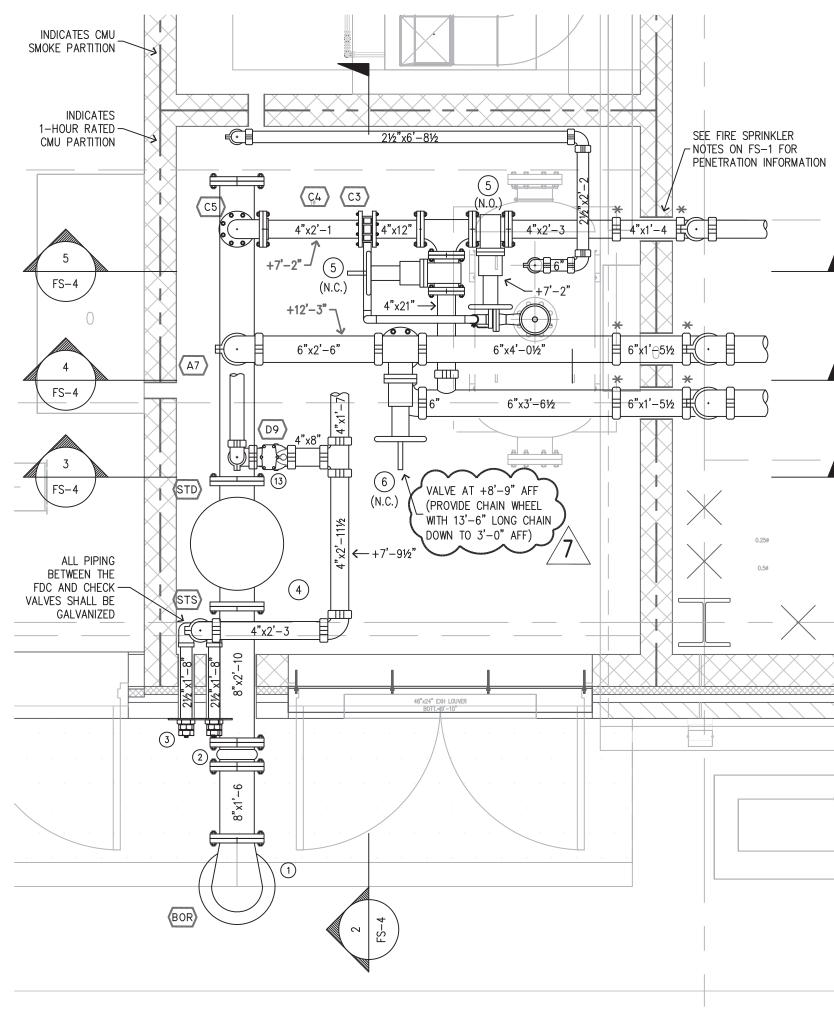
SCALE : NOT TO SCALE

HAKO PLUMBING INC. 958 AKEPO LANE HONOLULU, HI 96817 PHONE: (808) 832-4600 FAX: (808) 832-4599				
Symbol	S			
+10'-0 ELEVATION ABOVE FLOOR *1'-0" ELEVATION BELOW DECK ■ RIGID COUPLING ■* FLEXIBLE COUPLING CAP PLUG RISE DROP				
<u>~</u>	HANGER ASSE	MBLY	- 11	
	→ BRANCH LINE RESTRAINT → 2-WAY EARTHQUAKE BRACE			
4 4				
1Image: Description of the second symbolImage: Description of the second symbolImage: Description of the second symbolImage: Description of the second symbol				
<u>⁄7</u>	S.S. DANNAWAY CO	MMENTS	6/26/14	
6	S.S. DANNAWAY CO	MMENTS	6/20/14	
<u>5</u>	RELOCATED RELIEF	VALVES	2/24/14	
<u> </u>	RELOCATED VA	LVES	2/12/14	
3	BURNS & MCDONNELL	COMMENTS	1/28/14	
<u>2</u>	REVISED UNDERGROUI	ND SUPPLY	11/25/13	
No.	Revision/Iss	SUE	Date	
PROJECT NAME AND ADDRESS FIRE SPRINKLER SHOP DRAWINGS TFI - F-22 SQUADRON WEAPONS LOAD CREW TRAINING FACILITY JOINT BASE PEARL HARBOR - HICKAM HAWAII AIR NATIONAL GUARD CONTRACT NO. W90FYQ-09-D-0002				
DRAWN BY THOMAS BURTNESS NICET 094915, LEVEL IV				
DATE MAY 23, 2013 FS-3				
SCALE AS SHOWN SHEET 3 OF 4				

ONTRACTOR

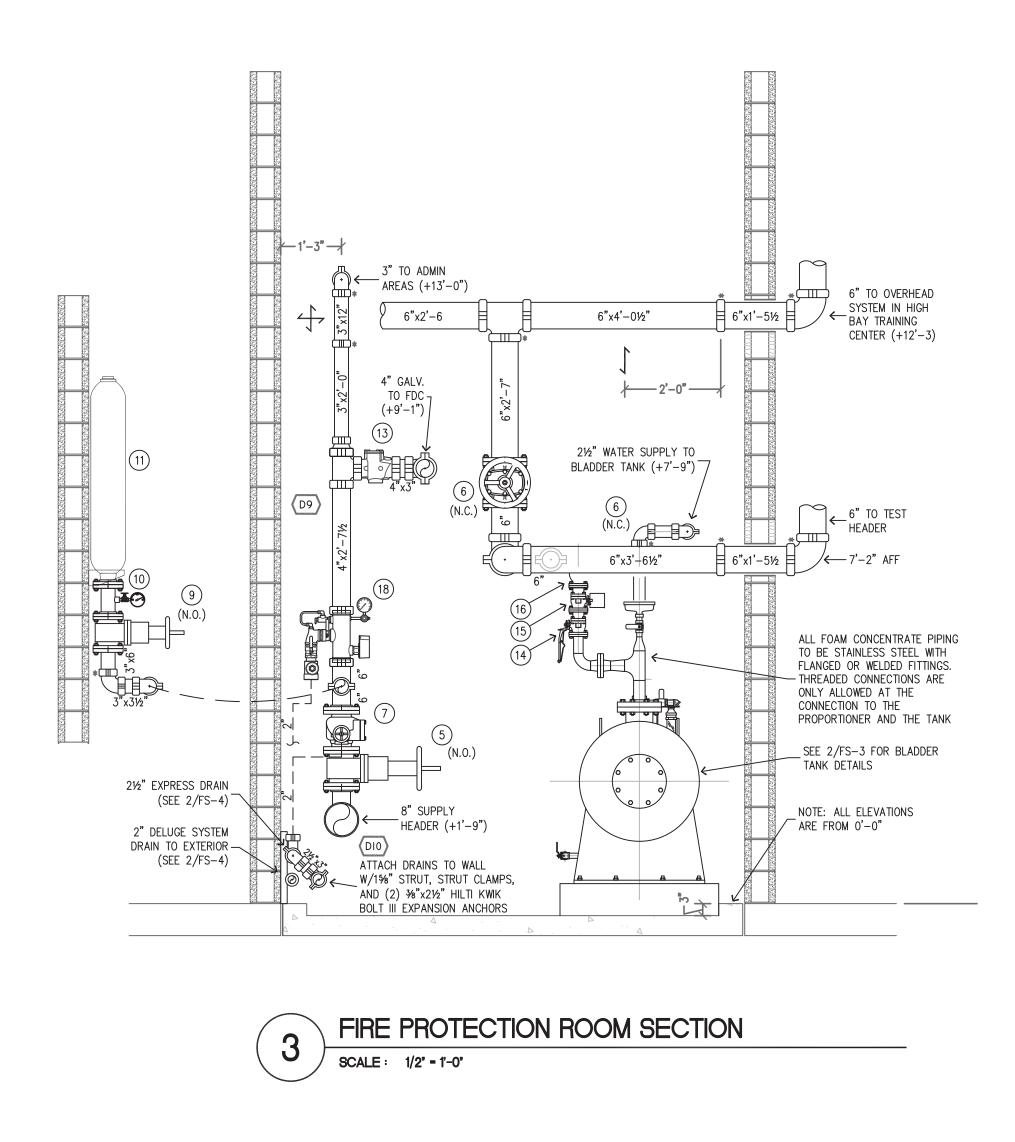
ICON 92-324 PUEONANI PLACE KAPOLEI, HI 96707 FIRE WWW.ICONFIRE COM SYSTEMS DESIGN

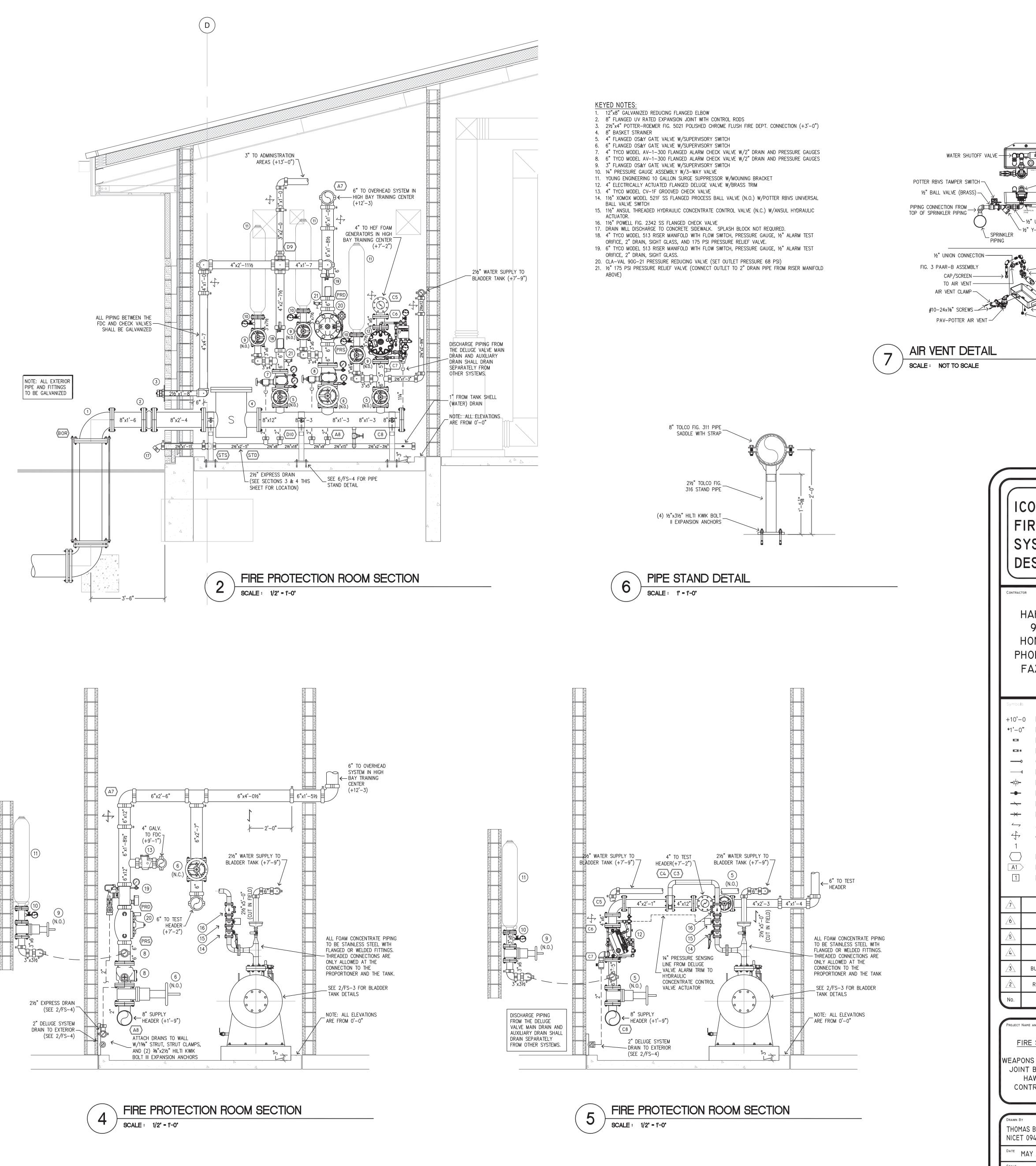
## **As-Builts**

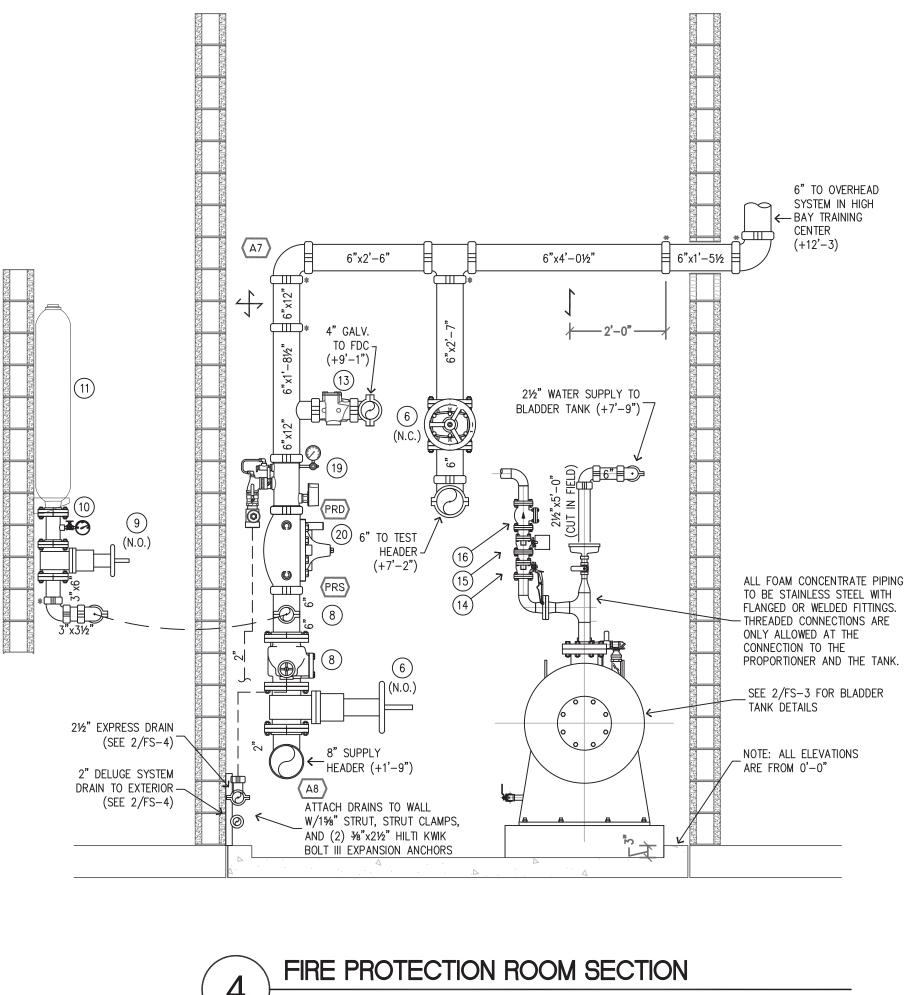




FIRE PROTECTION ROOM PLAN SCALE : 1/2" = 1'-0"







ICON FIRE SYSTEMS DESIGN 92-324 PUEONANI PLACE KAPOLEI, HI 96707 PHONE/FAX: (808) 672-7214 www.iconfire.com					
HAKO PLUMBING INC. 958 AKEPO LANE HONOLULU, HI 96817 PHONE: (808) 832-4600 FAX: (808) 832-4599					
Symbols         +10'-0       ELEVATION ABOVE FLOOR         *1'-0"       ELEVATION BELOW DECK         ■       RIGID COUPLING         ■       FLEXIBLE COUPLING         ■       CAP         ■       PLUG         -       PLUG         -       DROP         →       HANGER ASSEMBLY         →       BRANCH LINE RESTRAINT         -       2-WAY EARTHQUAKE BRACE         -       4-WAY EARTHQUAKE BRACE         1       HYDRAULIC NODE POINT         A1       MAIN FABRICATION SYMBOL					
Â	S.S. DANNAWAY COMMENTS	6/26/14			
6	S.S. DANNAWAY COMMENTS	6/20/14			
<u></u>	RELOCATED RELIEF VALVES	2/24/14			
<u> </u>	RELOCATED VALVES	2/12/14			
3	BURNS & MCDONNELL COMMENTS	1/28/14			
<u>2</u>	REVISED UNDERGROUND SUPPLY	11/25/13			
No.	Revision/Issue	DATE			
FIRE SPRINKLER SHOP DRAWINGS TFI - F-22 SQUADRON WEAPONS LOAD CREW TRAINING FACILITY JOINT BASE PEARL HARBOR - HICKAM HAWAII AIR NATIONAL GUARD CONTRACT NO. W90FYQ-09-D-0002					
DRAWN BY THOMAS BURTNESS NICET 094915, LEVEL IV DATE MAY 23, 2013 SHEET FS-4					
SCALE	SCALE AS SHOWN SHEET 4 OF 4				

TERMINAL CONNECTIONS FOR ELECTRONIC SUPERVISION OF SHUTOFF VALVE. NC CONTACT (OPENS UPON ACTIVATION OF SHUTOFF VALVE) \_RED\_POP-UP\_TAB\_UPON\_ACTIVATION OF WATER SHUTOFF VALVE œ∎∎(()) — AIR VENT (BRASS) WATER RETENTION PAN (RED POWDERCOAT ALUMINUM) — (CENTERLINE) 1/2" NPT CONNECTION ∽1⁄2" UNION TO PIPE TO DRAIN └-12" Y-TYPE 40 MESH STRAINER SPRINKLER PIPING - OUTLET ----- INTLET - WATER SHUTOFF VALVE - WATER RETENTION PAN