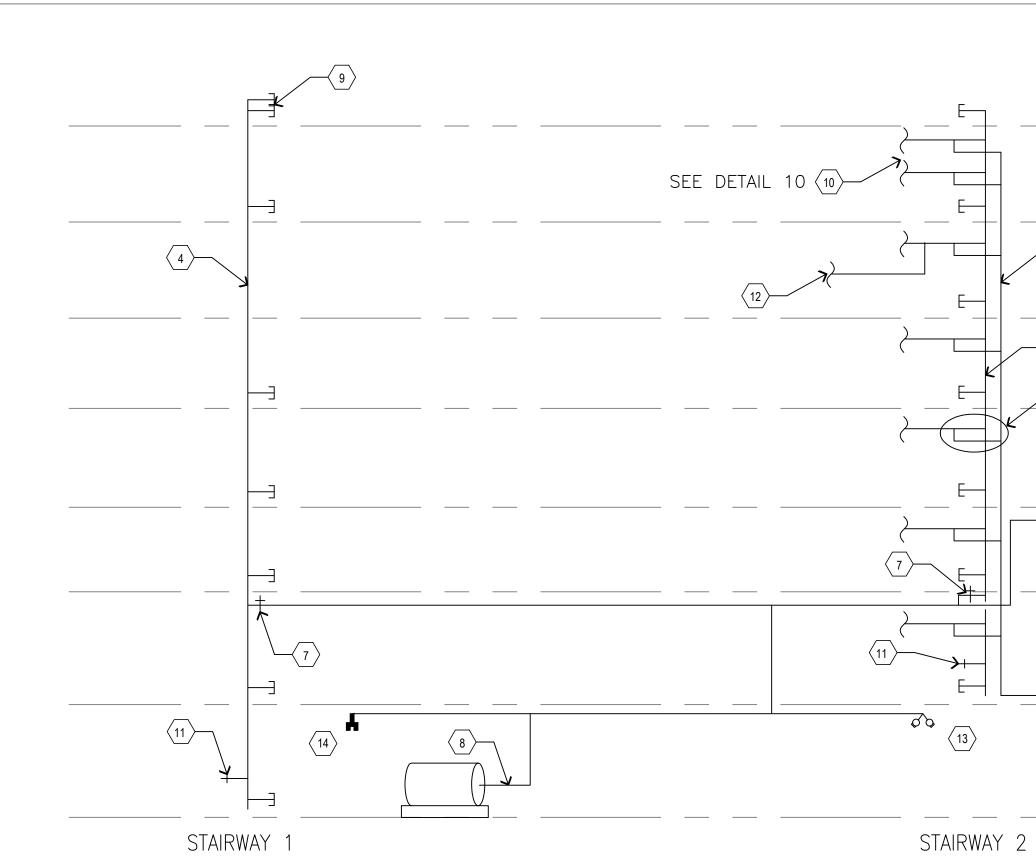
		8 SPRINKLER/STANDPIPE SYSTEM RISER DIAGRAM
-		
D	4	ELEVATOR MACHINE ROOM
		Imp. of 24 Imp. of 4 Imp. of 5
E		TYPE OF 44 TYPE OF 3 TYPE OF 3 TYPE OF 3 TYPE OF 3 TYPE OF 10 TYPE OF 7 TYPE
		LEVEL 1 Imp. of 35 Imp. of 6 mp. of 9 Imp. of 28 mp. of 19
		EACH SPRINKLER HEAD.
	16	CONSULTANTS:
XXXX-XX->		Image: Construction Document CD2 Office Hughes Associates, Inc. Fire Science and Engineering Son Ramon, CA 94583 Phone: (925) 314–7910 Fire Science (925) 314–7910 Fire Science (925) 314–7910 Fire Science (925) 314–9750
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<u>5 TYP, SEE DETAIL 9</u>

5

4

SIXTH LEVEL/ROOF

FIFTH LEVEL

FOURTH LEVEL

THIRD LEVEL

SECOND LEVEL

FIRST LEVEL

GROUND LEVEL

BASEMENT LEVEL

U.L. LISTED

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5

GRxGR BUTTERFLY VA.

, U.L. LISTED

/ CHECK VALVE

└─ RISER MANIFOLD W/:

(2) FLOW SWITCH

(1) DRAIN AND TEST

(3) PRESSURE GAUGE

(4) SIGNS ON BODY

(5) 3/4" RELIEF VALVE TO DRAIN (175PSI)

W/ TAMPER SWITCH

✓ 6 TYP, SEE DETAIL 4

-4

-(11)

(7)-/L

STAIRWAY 3

6



10 5TH FLOOR CONTROL ASSEMBLIES

STANDPIPE HOSE OUTLET

DICED DIACDANA CLIEFT NOTES		\sim	7					
RISER DIAGRAM SHEET NOTES (1) to sanitary drain				LISTED xGR BUTTERFLY V	A.			
$\langle 2 \rangle$ 2" System drain			· · · ·	TAMPER SWITCH				
6" SPRINKLER/STANDPIPE RISER		E RISER		U.L. LISTED CHECK VALVE				
$\langle 4 \rangle$ 6" standpipe riser		STANDPIPE				PRINKLER		
5 SPRINKLER FLOOR CONTROL ASSEMBLY	′ (TYP.)				SYST			
$\langle 6 \rangle$ STANDPIPE HOSE OUTLET $\langle 7 \rangle$ RISER SHUT–OFF VALVE		SPRINKLER						
$\langle s \rangle$ SUPPLY FROM FIRE PUMP				RISER N	I IANIFOLD W/:			
$\langle \mathfrak{g} \rangle$ remote hose outlets (2) for test	NG	FIRE	10 2	NEX (1) DRA	IN AND TEST			
$\langle 10 angle$ Two sprinkler floor control asse	EMBLIES		DRAIN TO 2"	(2) FLO (3) PRE	W SWITCH SSURE GAUGE			
$\langle 11 \rangle$ 1" DRAIN, VALVE, AND 5%" HOSE FITTIN		ρ		(4) SIGN	NS ON BODY			
(12) PREACTION SYSTEM AND CONTROL VAL ASSEMBLY	VE			(5) 3/4	" RELIEFT VALVE (175	942I)		
(13) FIRE DEPARTMENT CONNECTION - SEE DRAWINGS FOR DETAILS	CIVIL			STANDPIPE HOSE	OUTLET			
(14) TEST HEADER – SEE CIVIL DRAWINGS	FOR							
DETAILS								
		\bigcirc						
		YPICAL STA	AIR 2 FLO	OR SING	LE ASSEM	BLY		NO.
	J NTS							
		EIDE	ALARM MATRIX					
				TO	AHU DR AARY	N'S R		
Y VA. CH			ALARM TROUBLE SIGNAL DEVICE	THROUGHOUT THE BUILDING TRANSMIT ALARM SIGNAL TO SUPERVISING STATION TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	DOOR PRIMARY	JR TO OOR JR POWE FIREMAN	TROUBLE	
VE	SYSTEM INPU	TS	/VISUAL /VISUAL /VISUAL /VISUAL /VISORY S *ACP	IE BUI STATI STATI STATI SVISOR NG S ⁻ G STA	ASSOCIATED ASSOCIATED AGNETIC DC LDERS* ATOR TO PR	ELEVATOR JARY FLOO ELEVATOR ELEVATOR HAT	In the second se	
			AUDIO/VISUAL GNAL AT FACP AUDIO/VISUAL GNAL AT FACP SUPERVISORY SUPERVISORY SUPERVISORY AUDIO/VISUAL	THROUGHOUT THE BUILDING RANSMIT ALARM SIGNAL TO SUPERVISING STATION RANSMIT SUPERVISORY SIG TO SUPERVISING STATION TRANSMIT TROUBLE SIGNAL SUPERVISING STATION	IUT DOWN ASSOCIA RELEASE MAGNETIC HOLDERS* CALL ELEVATOR TO FLOOR	RECALL ELEVATOR TO SECONDARY FLOOR NT TRIP ELEVATOR PC I ON ELEVATOR FIREM		
TO SPRINKLER			ACTIVE AUDIO/V SIGNAL AT ACTIVE AUDIO/V SIGNAL AT ACTIVE SUPERVI ACTIVE AUDIO/V	OUGHC VSMIT SUPER VSMIT O SUF NSMIT NSMIT	JT DOWN ELEASE N ALL ELEV	RECA SEC NN ON	ATC	
SYSTEM SMOKE ZONE WEST			ACTI ACTI ACTI	THRAN TRAN S TRAN TRAN	SHUT E RELE RECALL	SHUN TURN	SHUN ELEV	
	SMOKE DETECTOR	1	A B C [X X		H I J K	L M N	0 P X	
TO SPRINKLER	HEAT DETECTOR WAY DUCT-MOUNTED SMOK PRIMARY FLOOR HEAT SECONDARY FLR HEAT SECONDARY FLR HEAT	2 E DETECTOR 3	X X X		X			
SYSTEM SMOKE ZONE EAST	SECONDARY FLOOR HEAT	DET. ELEV LOBBY 5	X X X	< X	X X X	X X	X X	
	ELEVATOR MACHINE R	DOM HEAT DET. 7	X > X > X > X > X > X > X > X > X > X >			X X	X	
R MANIFOLD W/: DRAIN AND TEST	SHUNT TRIP POWER M SPRINKLER WATERFLO		X X	X X	X		X X	
FLOW SWITCH	AUDIO/VISUAL POWER FIRE ALARM TROUBLE		X X	× X				
PRESSURE GAUGE SIGNS ON BODY	VALVE/POST INDICATO		X X	X X				
3/4" RELIEF VALVE TO DRAIN (175PSI)	* SMOKE DETECTORS AT	DOORS SHALL RELEAS	SE ALL MAG. HOLDE	ERS. SEE SHEET	AI522 & AI523 FOR	LOCATIONS OF M	AGNETIC HOLD	
E OUTLET	OPEN DEVICES.		A TI A S	<u>م ب ب</u> ب ز				KEY
	(12) FIRE AL	ARM OPER	ATION M	AIKIX		_		
ROLASSEMBLIES								
								CONST
<u>от</u>		Drawing Title			Project Title			FULLY S
СТ			larm and Sp	rinkler Rise	Building 101 Me	ental Health Services ttle Division - Phase 2		VA# 663-4
			-	and Details		TH AND RESEARCH E	3UILDING	Building Nur B101 Menta
		Drawing Scale			Location	umbian Way, Seattle, V	VA 98105	Drawing Nu
TEC THE DESIGN PA	RTNERSHIP	Approved: Project Director			Date	Checked	Drawn	F
					JUNE 05, 2013	-		Vol. 2

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