

A

three inches = one foot

B

one and one half inch = one foot

C

one inch = one foot

D2-16

one half inch = one foot

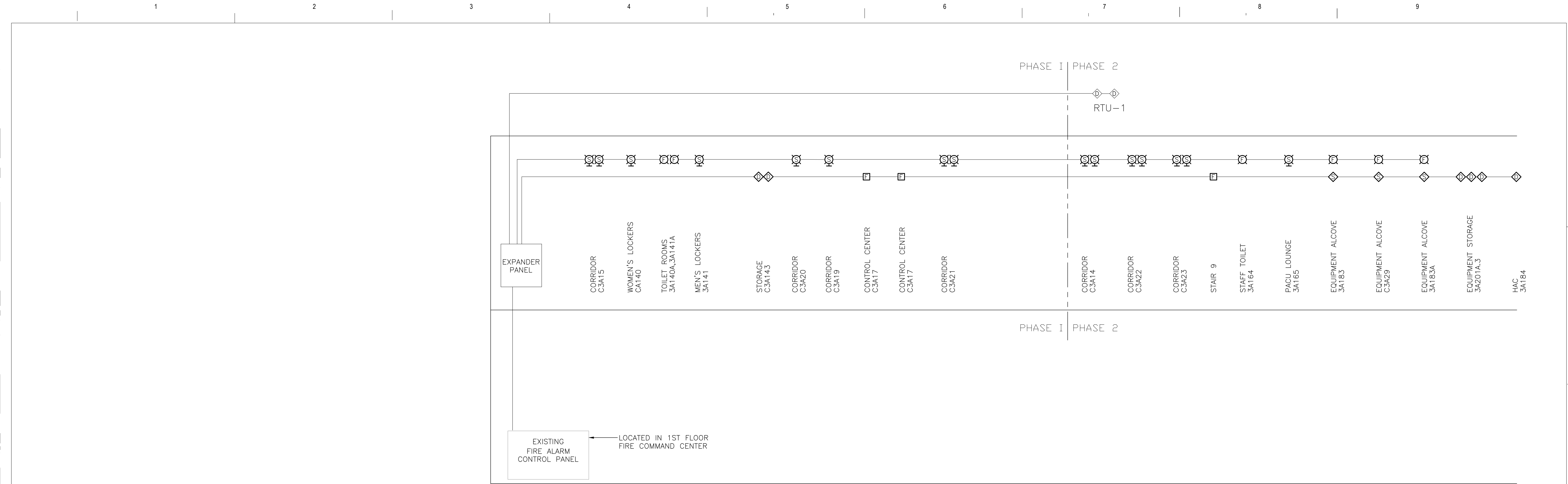
E

three eighths inch = one foot

F

one quarter inch = one foot

one eighth inch = one foot



DETAIL NOTES:

1. EXISTING SYSTEM IS A STAFF RESPONSE SYSTEM MANUFACTURED BY SIMPLEX.
2. PROVIDE NECESSARY PROGRAMING TO ADD DEVICES TO ANNUCIATION TRUESITE WORKSTATION.
3. SPRINKLER ZONES AND ALL ASSOCIATED TAMPER AND FLOW DEVICES ARE EXISTING TO REMAIN.

FIRE ALARM SYSTEM RISER DIAGRAM

SCALE: NONE

FIRE ALARM SYSTEM SEQUENCE OF OPERATION MATRIX					
ACTION	INITIATION				
	MANUAL PULL STATION	AREA SMOKE DETECTOR	AHU DUCT SMOKE DETECTOR	SPRINKLER VALVE TAMPER SWITCH	SPRINKLER WATERFLOW SWITCH
ACTIVATE FIRE ALARM SPEAKERS AND STROBE LIGHTS ON ALL FLOORS	YES	YES			YES
DISPLAY ALARM INDICATION AT FACP	YES	YES			YES
TRANSMIT ALARM SIGNAL TO FIRE COMMAND CENTER	YES	YES			YES
RECORD INFORMATION ON FACP	YES	YES	YES	YES	YES
DE-ENERGIZE ALL ELECTROMAGNETIC DOOR HOLDERS ON ALL FLOORS	YES	YES			YES
SHUT DOWN ASSOCIATED AHU'S AND CLOSE ALL ASSOCIATED DISTRIBUTION SMOKE DAMPERS			YES		
DISPLAY SUPERVISORY CONDITION AT FACP			YES	YES	
TRANSMIT SUPERVISORY SIGNAL TO FIRE COMMAND CENTER			YES	YES	
RELEASE ALL SECURITY DOORS	YES	YES			YES

CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions # Description Date	CONSULTANTS: RMF ENGINEERING, INC. 5520 RESEARCH PARK DR. 3RD FLR BALTIMORE, MD 21228 P: 410.576-0505 F: 410.385-0327	STEPHEN L. DEVON REGISTERED PROFESSIONAL ENGINEER STATE OF MARYLAND NO. 117124	ARCHITECT/ENGINEER: WMF WEBER MURPHY FOX ARCHITECTURE INTERIORS CONSTRUCTION 1425 SOUTH CHURCH SUITE D, SECOND FL. CHARLOTTE, NC 28203 T: 706.200.5231 F: 704.910.5818 www.wmf-inc.com ERIE CLEVELAND STATE COLLEGE CHARLOTTE	PROJECT NUMBER: 2010.056.00 CAD FILE: C:\Next Local Files\2010_056 R13 VAMC Pittsburgh\2010_056_R13 L1A 01-30-10.rvt COPYRIGHT © WEBER MURPHY FOX INC. 2011	Drawing Title: FIRE ALARM MATRIX AND DIAGRAMS Approved: Project Director:	Project Title: VAPHS OPERATING ROOM EXPANSION Location (UD) UNIVERSITY DRIVE DIVISION PITTSBURGH, PA 15240 Date: 06/10/13 Checked: JW Drawn: TED	Project Number: 646-09-131 Building Number: ONE Drawing Number: F-501 Dwg 3 of 3	Office of Construction and Facilities Management Department of Veterans Affairs
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D2-16

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