

one eighth inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
three inches = one foot

CONSTRUCTION DOCUMENTS FOR THE FIRE ALARM SYSTEM  
SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL OF THE FOLLOWING:

1. A FLOOR PLAN WHICH INDICATES THE USE OF ALL ROOMS.
2. LOCATION OF ALARM-INITIATING AND NOTIFICATION APPLIANCES
3. ALARM CONTROL AND TROUBLE SIGNALING EQUIPMENT.
4. ANNUNCIATION
5. POWER CONNECTION.
6. BATTERY CALCULATIONS.
7. CONDUCTOR TYPE AND SIZES, CONDUIT TYPE AND SIZES.
8. VOLTAGE DROP CALCULATIONS.
9. MANUFACTURER, MODEL NUMBERS, AND LISTING INFORMATION FOR EQUIPMENT, DEVICES AND MATERIALS.
10. DETAILS OF CEILING HIEGHT AND CONSTRUCTION.
11. THE INTERFACE OF FIRE SAFETY CONTROL FUNCTIONS.
12. INPUT/OUTPUT MATRIX.

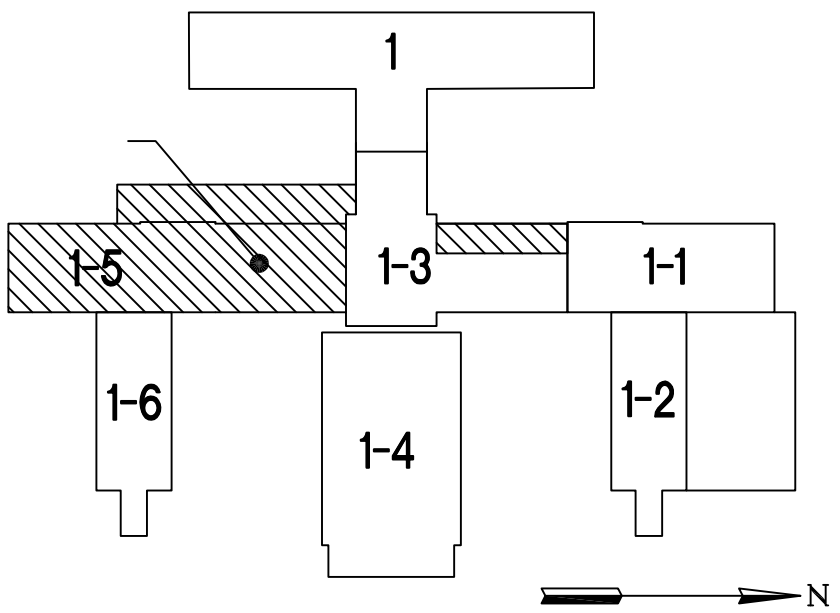
SYSTEMS AND THEIR COMPONENTS SHALL BE LISTED AND APPROVED FOR THE  
PURPOSE FOR WHICH THEY ARE INSTALLED AND BE COMPATABLE.

### GENERAL NOTES--FIRE ALARM SYSTEM

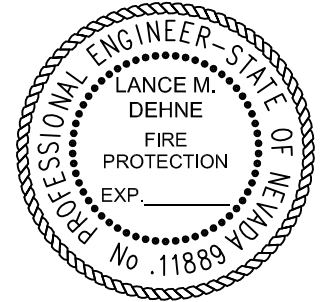
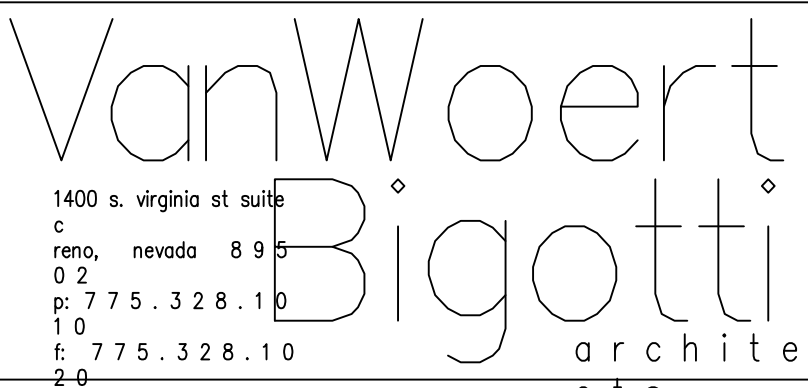
1. THIS IS A PERFORMANCE SPECIFICATION AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL PERMITS, FEES, DESIGN, MATERIAL, FABRICATION, STORAGE, INSTALLATION, TESTING AND CLEANUP FOR A COMPLETE AND OPERABLE FIRE ALARM SYSTEM.  
SYSTEM SHALL MEET THE REQUIREMENTS OF NFPA 72, AND THE N.E.C. IN ADDITION, SYSTEM SHALL MEET THE REQUIREMENTS OF THE DEPARTMENT OF VETERAN AFFAIRS FIRE PROTECTION DESIGN MANUAL CHAPTER 7. SCOPE OF WORK INCLUDES:
  - A. A COMPLETE AND OPERABLE ADDRESSABLE FIRE ALARM SYSTEM FOR THE NEW CANTEEN AREA. ALL NEW DEVICES AND EQUIPMENT TO BE COMPATABLE WITH THE EXISTING FIRE ALARM SYSTEM. EXISTING FIRE ALARM PANEL IS (EST) "EDWARDS".
  - B. ALL REQUIRED DEVICES, WIRING, CONDUIT, AND ACCESSORIES. ALL SYSTEM COMPONENTS SHALL BE COMPATABLE.
2. SUBMIT 7 COMPLETE SETS OF DRAWINGS, CALCULATIONS AND CATALOG CUTS OF MATERIALS TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL (SEE LIST THIS SHEET). OBTAIN APPROVAL PRIOR TO INSTALLATION. DRAWINGS AND CALCULATIONS SHALL BE SIGNED BY "NICET" CERTIFIED MINIMUM LEVEL 2 FIRE ALARM TECHNICIAN
3. ALL ALARM WIRING TO BE RUN IN CONDUIT. NEW CONDUIT IS TO BE MINIMUM 3/4" E.M.T. WITH CONDUIT FITTINGS. F.M.C. CONDUIT TO BE USED AT END OF E.M.T. FOR CONECTING DEVICES ONLY (MAXIMUM OF 6 FEET FOR F.M.C.)
6. THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW DESIGN CONCEPT ONLY. THEY ARE PROVIDED AS AN AID FOR INTENDED LOCATION OF EQUIPMENT AND DEVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONAL DETAILS AND COORDINATION WITH BUILDING FEATURES THAT MAY EFFECT THEIR WORK.
7. CONTRACTOR(S) SHALL HOLD A VALID NEVADA CONTRACTORS LICENSE FOR THE TYPE OF WORK BEING PERFORMED.
8. ALL CONDUIT SHALL BE SECURED AND BRACED IN STRICT ACCORDANCE WITH APPLICABLE CODES.
9. PROVIDE FIRE STOPPING MATERIAL OR ASSEMBLY AS REQUIRED AT PENETRATIONS THROUGH RATED ASSEMBLIES.
10. ALL CONDUIT TO BE CONCEALED. WIRE MOLDING IS NOT PERMITTED.
11. PROVIDE FIRE STOPPING MATERIAL OR ASSEMBLY AS REQUIRED AT PENETRATIONS THROUGH RATED ASSEMBLIES.
12. SMOKE DETECTORS SHALL BE A MINIMUM 3 FEET FROM SUPPLY AIR DIFFUSERS.
13. UPON COMPLETION OF THE INSTALLATION OF SYSTEMS, A SATISFACTORY TEST SHALL BE PERFORMED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION. ANY DIFFICIENCIES SHALL BE FIXED AT NO COST TO THE OWNER.

### SYMBOL INDEX--FIRE ALARM (AS APPLICABLE)

B.F.P.	BACKFLOW PREVENTOR
A.D.A.	AMERICANS W/ DISABILITIES
Ø-Ø	CEILING HEIGHT (NOMINAL)
BBC	BELOW BOTTOM OF CEILING
BBJ	BELOW BOTTOM OF JOIST
AFF	ABOVE FINISHED FLOOR
BBD	BELOW BOTTOM OF DECK
BBP	BELOW BOTTOM OF PURLAN
BBB	BELOW BOTTOM OF BEAM
(E)	EXISTING
(N)	NEW
POC	POINT OF CONNECTION
NTS	NOT TO SCALE
NIC	NOT IN CONTRACT
S.F.	SQUARE FEET
F.A.C.P.	FIRE ALARM CONTROL PANEL
R.A.P.	REMOTE ANNUNCIATOR PANEL
—	ELECTRICAL RUNOUT
E.M.T.	ELECTRICAL METAL TUBING (CONDUIT)
F.M.T.	FLEXIBLE METAL TUBING (CONDUIT)
PVC	POLY VINYL CHLORIDE
W/ A.D.A.	WITH AMERICANS DISABILITY ACT
F.S	FLOW SWITCH
T.S	TAMPER SWITCH
H.S	HORN STROBE
N.I.C.E.T.	NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGY
N.A.C.	NEVADA ADMINISTRATIVE CODE



### FULLY SPRINKLERED

		<b>CONSULTANTS:</b>			<b>ARCHITECT/ENGINEERS:</b>		Drawing Title: GENERAL NOTES, SYMBOLS INDEX		Project Title VA SIERRA NEVADA HEALTH CARE SYSTEM - CANTEEN RELOCATION DESIGN - , RENO, NEVADA		Project Number 654-11-227		<b>Office of Construction and Facilities Management</b>			
		ARTINEERING							Location 975 KIRMAN AVE., RENO, NEVADA 89502		Building Number 1					
		LANCE DEHNE, P.E. (775) 825- 0454 960 RIDGEVIEW DRIVE RENO, NEVADA 89511							Date 06 JAN 2012		Checked LMD				Drawing Number FP10	
											Drawn ART				Dwg. 1 of 3	
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