

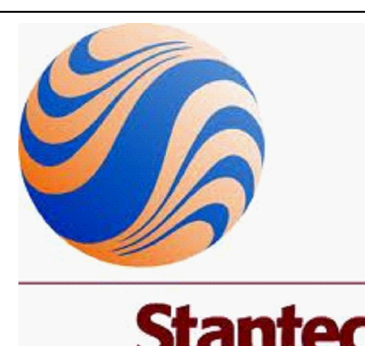


GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE THE COMPLETE DESIGN OF THE SPRINKLER SYSTEM FOR THE ENTIRE PROJECT AREA INCLUDING SPRINKLER HEAD AND PIPING LAYOUT, ENGINEERING ANALYSIS, HYDRAULIC CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER OR NICET CERTIFIED DESIGNER, BASED ON THE SPECIFIED DESIGN CRITERIA AND AS INDICATED ON THE DRAWINGS.

2. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT AND INSTALLATION OF THE COMPLETE OPERABLE WET SPRINKLER SYSTEM IN COMPLIANCE WITH NFPA 13, REQUIREMENTS OF VA DESIGN MANUAL, CHAPTER 6 - FIRE PROTECTION SYSTEMS, THE OWNER'S INSURANCE COMPANY AND ALL STATE AND LOCAL REGULATIONS.

- KEY NOTES**
- 1. DISCONNECT AND REMOVE PORTION OF EXISTING SPRINKLER MAIN DESIGNED FOR WET LABS AREA UNDER ROB BASE BUILDING PROJECT (CURRENTLY UNDER CONSTRUCTION), CAP REMAINING PIPING AS SHOWN.
 - 2. VERIFY ADEQUACY OF THE EXISTING SPRINKLER MAIN DESIGNED FOR WET LABS AREA UNDER ROB BASE BUILDING PROJECT, REPLACE IT WITH LARGER SIZE PIPING IF NECESSARY ACCORDING TO HYDRAULIC CALCULATIONS.
 - 3. PROVIDE SPRINKLER PIPING CONNECTION TO PRE-PIPED HYDROGEN GAS CYLINDER CABINET.
 - 4. COORDINATE INSTALLATION OF DRY SPRINKLER AND SEALING OF SUPPLY PIPING PENETRATION OF COLD ROOM ENCLOSURE WITH THE SUPPLIER OF COLD ROOM ENCLOSURE.

1 FIRE PROTECTION PLAN - GROUND FLOOR
1/8"=1'-0"

CONSULTANTS:  Stantec Architecture and Engineering LLC 400 Morgan Center 101 E. Diamond Street Butler, PA 16011		ARCHITECT/ENGINEERS:  5700 Powel Grove Dr. Suite 100 Midlothian, Virginia 23112 (804) 282-2403 advetect.com A certified Service Disabled Veteran Owned Small Business (SDVOSE)		Approved: VAPHS Director Approved: Associate Director Approved: ACOS/R&D		Approved: VP, Facility Manager Approved: Manager Project Section Approved: Project Engineer		Drawing Title FIRE PROTECTION PLAN - GROUND FLOOR Scale: 1/8" = 1' Building Number: 30 Drawn By: Checked By:		Project Title UNIVERSITY DRIVE RESEARCH OFFICE BUILDING WET LABS Location University Drive, Pittsburgh, PA 15240 Date 4/30/2013 AutoCAD File Number		Project Number 646-10-100 Contract Number VA244-P-1827 Drawing Number FX-10G Dwg. of		BID DOCUMENTS FULLY SPRINKLERED Office of Construction and Facilities Management 	
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GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE MODIFICATIONS OF THE EXISTING PENTHOUSE SPRINKLER SYSTEM AS REQUIRED TO REFLECT OBSTRUCTIONS BY MEP EQUIPMENT, PIPING AND DUCTWORK ADDED UNDER THIS (WET LABS) PROJECT. DENSITY OF THE PENTHOUSE SPRINKLER COVERAGE SHALL BE BASED ON ORDINARY HAZARD, GROUP I CLASSIFICATION.
2. CONTRACTOR SHALL PROVIDE ALL NEW MATERIALS, EQUIPMENT AND INSTALLATION OF THE EXISTING WET SPRINKLER SYSTEM MODIFICATIONS, IN COMPLIANCE WITH NFPA 13, REQUIREMENTS OF VA DESIGN MANUAL, CHAPTER 8 - FIRE PROTECTION SYSTEMS, THE OWNER'S INSURANCE COMPANY AND ALL STATE AND LOCAL REGULATIONS.
3. PROVIDE SPRINKLERS UNDER DUCTS AND OBSTRUCTIONS OF 48" AND WIDER.

1 FIRE PROTECTION PLAN - SECOND FLOOR
1/8"=1'-0"

KEY PLAN
BID DOCUMENTS
FULLY SPRINKLERED

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Approved: Associate Director

Approved: ACOS/R&D

Approved: VP, Facility Manager

Approved: Manager Project Section

Approved: Project Engineer

Drawing Title

FIRE PROTECTION PLAN -
SECOND FLOOR

Scale:

1/8" = 1'

Drawn By:

Building Number:

30

Checked By:

Project Title

UNIVERSITY DRIVE RESEARCH
OFFICE BUILDING
WET LABS

Location

University Drive, Pittsburgh, PA 15240

Date

4/30/2013

AutoCAD File Number

Project Number

646-10-100

Contract Number

VA244-P-1827

Drawing Number

FX-102

Dwg. of

Office of
Construction
and Facilities
Management

