

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

FIRE PROTECTION DESIGN CRITERIA AND NOTES

ORDINARY GROUP I HAZARD OCCUPANCY

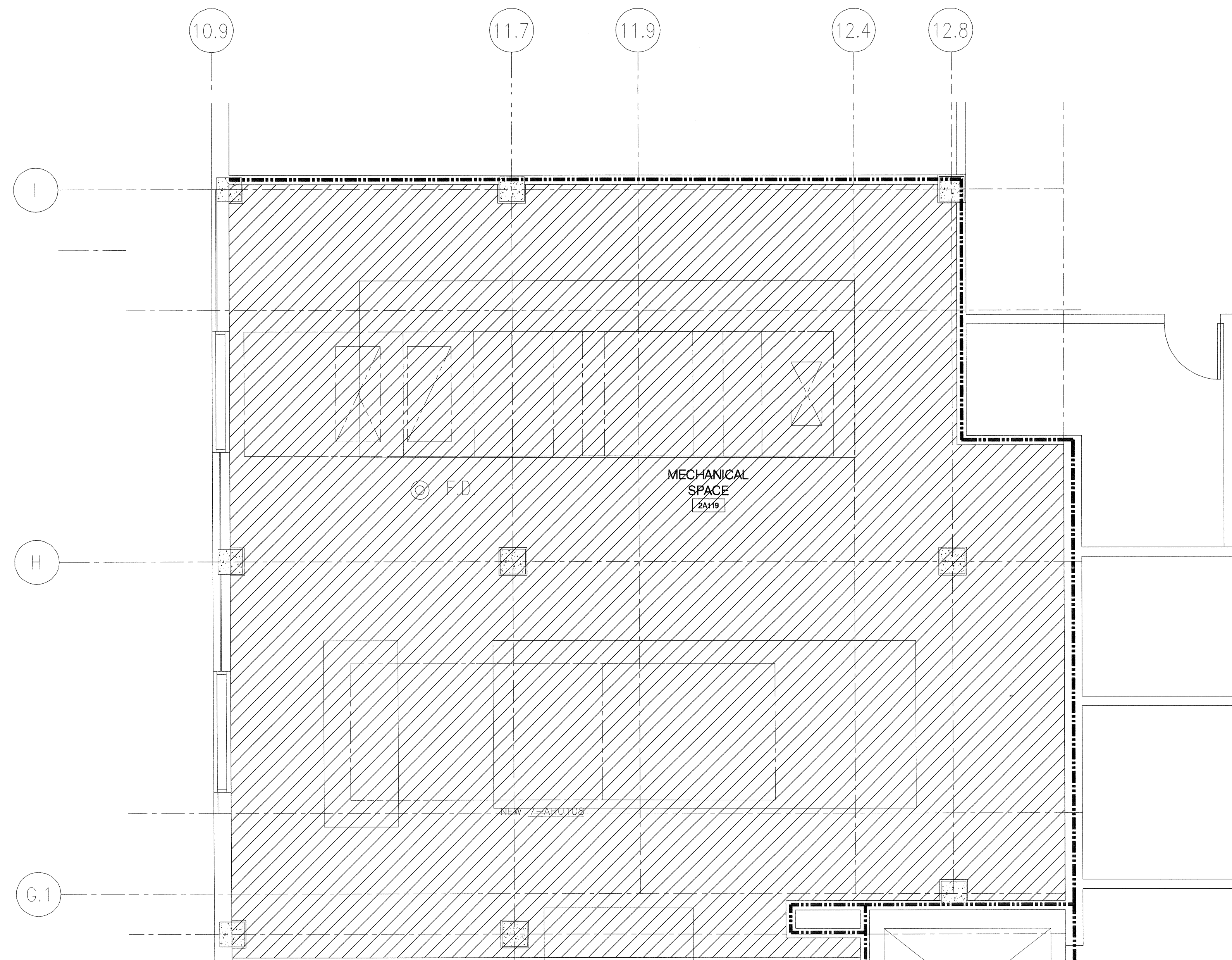
DESIGN DENSITY.....0.15 GPM/SQ. FT.
HYDRAULICALLY MOST DEMANDING AREA.....1,500 SQ. FT.
SPRINKLER ORIFICE SIZE.....1/2
DURATION OF SUPPLY.....30 MIN.
MAXIMUM COVERAGE/SPRINKLER HEAD.....225 SQ. FT.

DESIGN CRITERIA:

THE FOLLOWING PUBLICATIONS AND AUTHORITIES HAVING JURISDICTION SHALL BE REFERENCED FOR THE DESIGN OF THE FIRE PROTECTION SYSTEM ON THIS PROJECT:

1. NFPA 13, LATEST EDITION- STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS.

2. NFPA 25, LATEST EDITION - STANDARD FOR THE TESTING, INSPECTION AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS



PARTIAL MECHANICAL ROOM PLAN - FIRE PROTECTION
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1. EXISTING SPRINKLER HEADS TO REMAIN. RELOCATE AND/OR PROVIDE NEW SPRINKLER HEADS AS REQUIRED TO MAINTAIN NECESSARY COVERAGE WHILE ANY NEW OR TEMPORARY DUCTWORK IS INSTALLED. HEADS SHALL BE SPACED AS REQUIRED BY THE LATEST EDITION OF NFPA 13 FOR ORDINARY GROUP I OCCUPANCY.

PARTITION TYPES LEGEND

=====

EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO BE REMOVED.

=====

EXISTING WALL OR AREA TO REMAIN

□

EXISTING COLUMN TO REMAIN

=====

NEW NON-RATED WALL

=====

NON RATED - SMOKE TIGHT WALL

=====

1-HR FIRE RATED WALL

=====

2-HOUR FIRE RATED WALL

=====

PROJECT LIMITS OF WORK

=====

EXISTING CONCRETE WALL

PHASING

REFER TO DRAWING G102 FOR PHASING.

COORDINATION DRAWINGS

REFER TO DRAWING G1001 FOR COORDINATION DRAWINGS NOTE.

KEY MAP

MECHANICAL ROOM

REVISION NO.

REVISION DESCRIPTION

Department of Veterans Affairs

Alexandria VA Health Care System

2495 Shreveport Highway

Pineville, LA 71360

SEAL

JOSEPH E. HITCHCOCK

REGISTERED PROFESSIONAL ENGINEER

MECHANICAL ENGINEERING

09-27-13

Architect/Engineer Address

Design & Management Solutions for the Built Environment

8016 TOWER POINT DRIVE

CHARLOTTE, NC 28227

WWW.HSHPC.COM

704.814.1320

704.521.0833

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NSH PROJECT # 12013

Recommended Approvals:

1. MEDICAL DIRECTOR

2. ASSOCIATE DIRECTOR

3. CHIEF OF STAFF

4. ASSOC. DIRECTOR

5. SERVICE LINE MGRS.

6. OPERATIONS SERVICE LINE MANAGER

7. INFECTION CONTROL MANAGER

8. SAFETY MANAGER

9. GENERAL ENGINEER

10. COR

Drawing Title

PARTIAL MECHANICAL ROOM PLAN - FIRE PROTECTION

FINAL BID DOCUMENTS

Project Title

DESIGN BUILDING 7 AIR HANDLER UPGRADE - PROJECT A: 7-AHU107 & 7-AHU108

Drawn DWS

Building Number 7

AutoCAD File Name

Const. Contract No.

Checked

Reviewed

Date

SEPT. 27, 2013

Project Number

502-12-201

DRAWING No.

FX101

Veterans Affairs