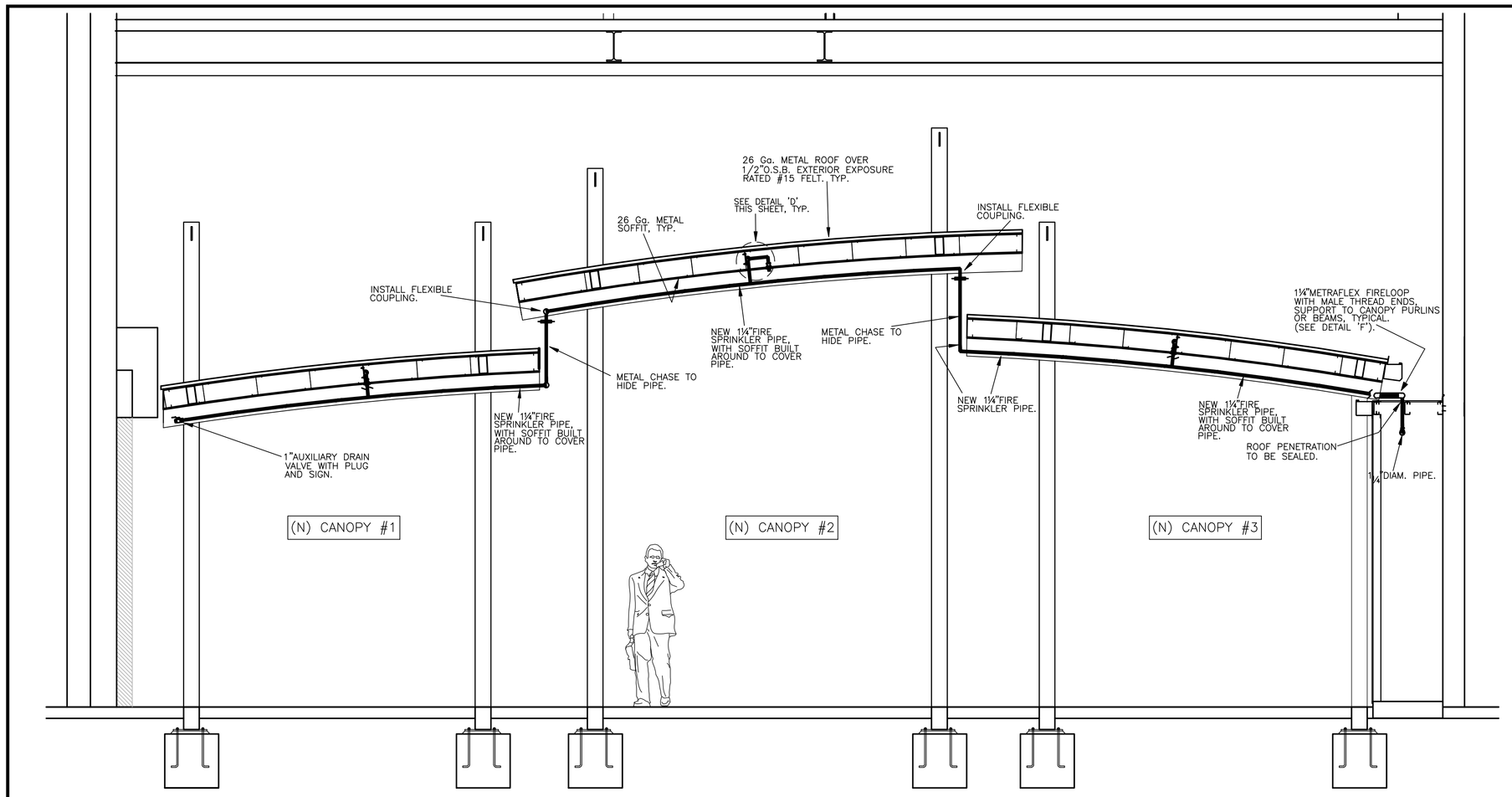
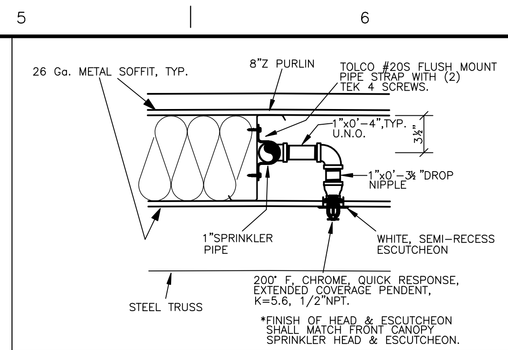
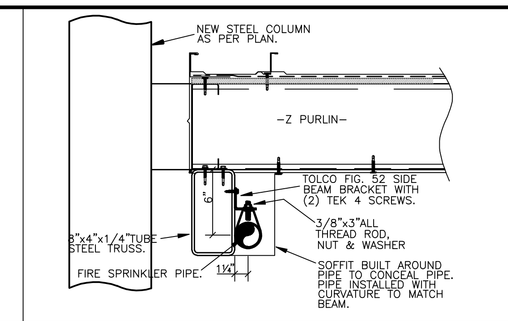


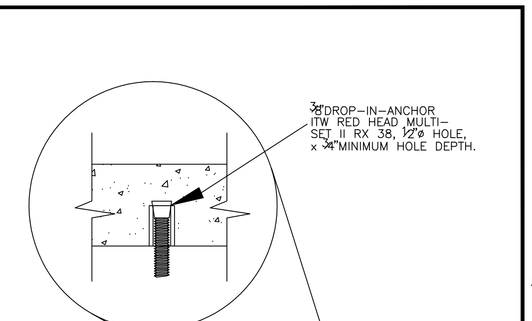
C CANOPY SECTION — SCALE: 3/8" = 1'-0"



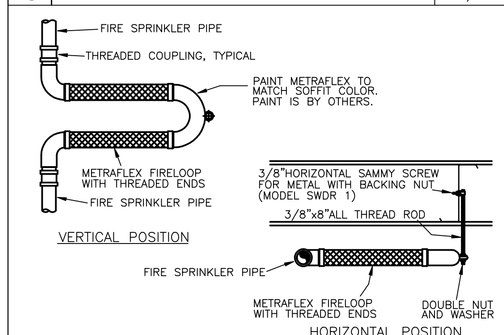
D #20S FIRE SPRINKLER HANGER DETAIL — SCALE: 1-1/2" = 1'-0"



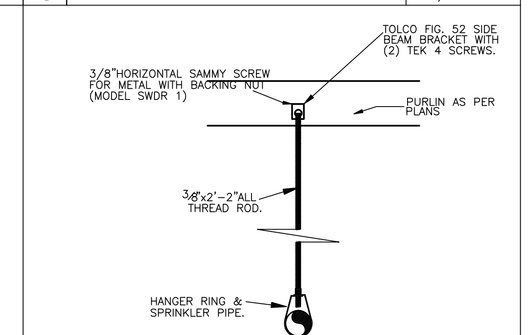
E #7 FIRE SPRINKLER HANGER DETAIL — SCALE: 1-1/2" = 1'-0"



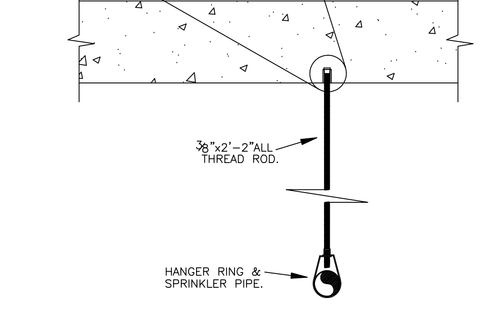
H HANGER TO CONCRETE CONNECTION — SCALE: 1" = 1'-0"



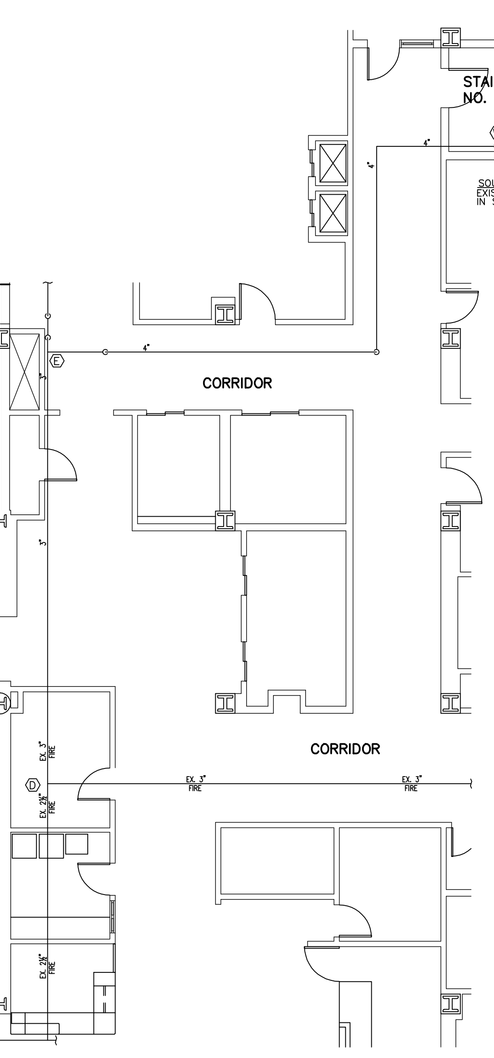
F METRAFLEX FIRELOOP DETAIL — SCALE: 1" = 1'-0"



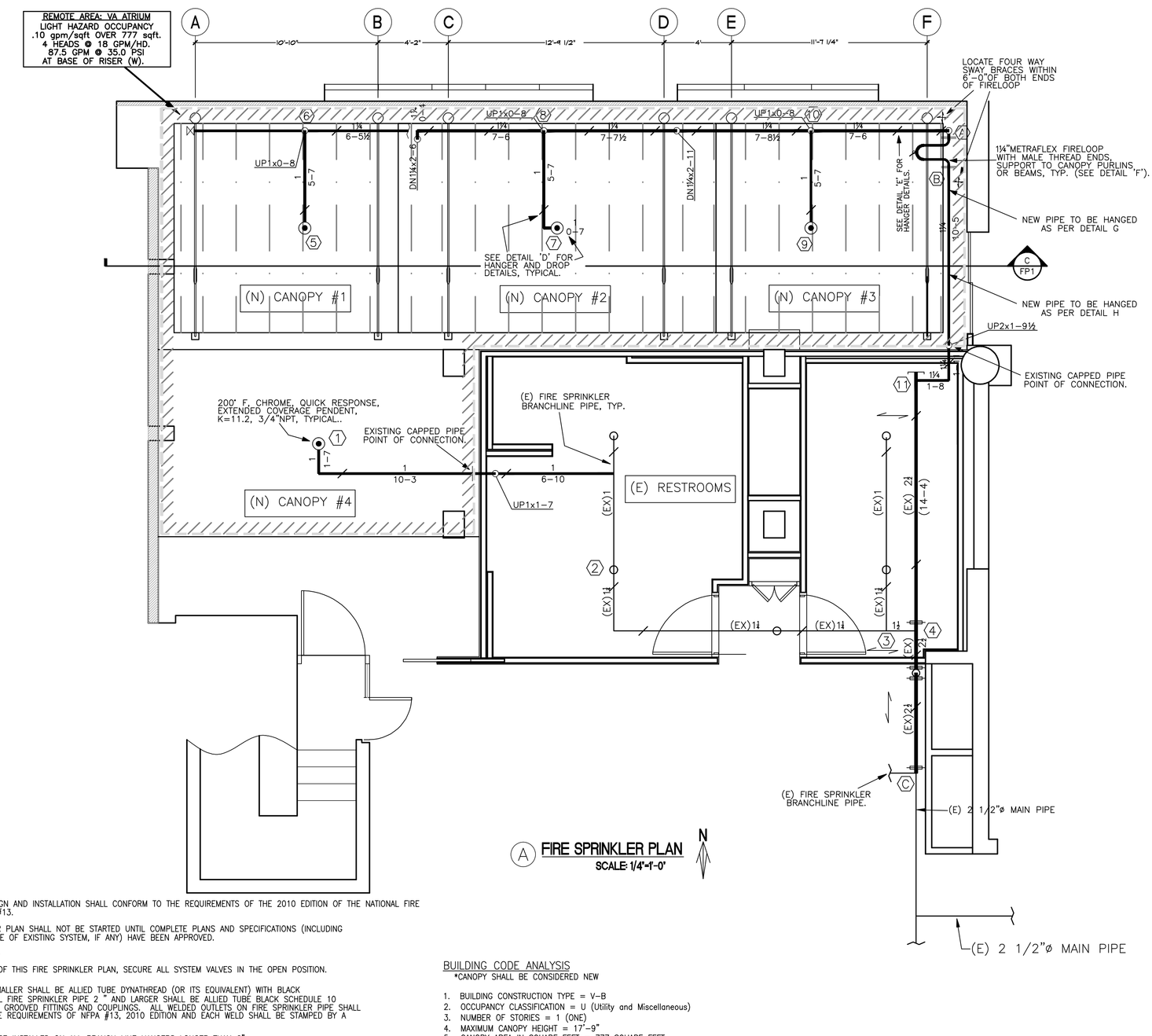
G HANGER TO PURLIN CONNECTION — SCALE: 1" = 1'-0"



H HANGER TO CONCRETE CONNECTION — SCALE: 1" = 1'-0"



B EXISTING FIRE SPRINKLER PLAN — SCALE: 1/4"=1'-0"



A FIRE SPRINKLER PLAN — SCALE: 1/4"=1'-0"

FIRE SPRINKLER NOTES:

1. THE AUTOMATIC FIRE SPRINKLER DESIGN AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2010 EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD #13.
2. INSTALLATION OF THE FIRE SPRINKLER PLAN SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS (INCLUDING WATER SUPPLY INFORMATION AND TYPE OF EXISTING SYSTEM, IF ANY) HAVE BEEN APPROVED.
3. FIRE EXTINGUISHERS ARE BY OTHERS.
4. UPON COMPLETION OF INSTALLATION OF THIS FIRE SPRINKLER PLAN, SECURE ALL SYSTEM VALVES IN THE OPEN POSITION.
5. ALL FIRE SPRINKLER PIPE 2" AND SMALLER SHALL BE ALLIED TUBE DYNATHREAD (OR ITS EQUIVALENT) WITH BLACK DUCTILE IRON THREADED FITTINGS. ALL FIRE SPRINKLER PIPE 2 " AND LARGER SHALL BE ALLIED TUBE BLACK SCHEDULE 10 PIPE (OR ITS EQUIVALENT) WITH ROLL GROOVED FITTINGS AND COUPLINGS. ALL WELDED OUTLETS ON FIRE SPRINKLER PIPE SHALL BE WELDED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA #13, 2010 EDITION AND EACH WELD SHALL BE STAMPED BY A CERTIFIED WELDER.
6. RESTRAINT OF BRANCH LINES SHALL BE INSTALLED ON ALL BRANCH LINE HANGERS LONGER THAN 6".
7. CONTRACTOR TO COORDINATE WITH SIMPLEX OR EQUIVALENT AND CONNECT NEW FIRE SPRINKLER SYSTEM TO EXISTING HOSPITAL FIRE ALARM SYSTEM AT CONTRACTOR'S EXPENSE.
8. THE FIRE SPRINKLER DESIGN SHALL BE HYDRAULICALLY CALCULATED AS A LIGHT HAZARD OCCUPANCY. FIRE SPRINKLER DENSITY SHALL BE 0.10 GPM/SQFT. OVER THE ENTIRE CANOPY, UTILIZING QUICK RESPONSE, 1/2" CHROME PENDENT FIRE SPRINKLERS WITH CHROME SEMI-RECESSED ESCUTCHEONS.

BUILDING CODE ANALYSIS
*CANOPY SHALL BE CONSIDERED NEW

1. BUILDING CONSTRUCTION TYPE = V-B
2. OCCUPANCY CLASSIFICATION = U (Utility and Miscellaneous)
3. NUMBER OF STORIES = 1 (ONE)
4. MAXIMUM CANOPY HEIGHT = 17'-9"
5. CANOPY AREA IN SQUARE FEET = 777 SQUARE FEET
6. ALLOWABLE AREA PER C.B.C. = 5,500 sq ft. (Area increase is allowed as per section 506, 2010 C.B.C.)
7. AREA AND/OR HEIGHT INCREASES = NONE
8. FIRE SPRINKLERED (YES OR NO) = YES
9. FIRE ALARM (YES OR NO) = YES (EXISTING BY OTHERS)
10. OTHER FIRE PROTECTION SYSTEMS IF ANY = NONE
11. OWNER: VA Central California Healthcare System

100% SUBMITTAL - FOR CONSTRUCTION

Revisions	Date

DESIGNER:

ACE
FIRE PROTECTION
3187 E. Commerce Ave. Fresno CA. 93725 Ph. 559-441-1235
2319 Alameda Ave. #1A Ventura, CA 93003 Ph. 805-639-3058

REGISTERED PROFESSIONAL ENGINEER — ESTEBAN T. PAULI — No.C51761 Exp. 6-30-12 — CIVIL — STATE OF CALIFORNIA

ARCHITECT/ENGINEERS:

PAULI ENGINEERING, INC.
944 N. VAN NESS AVE., FRESNO, CA 93728
PH: (559)237-4408 - FAX: (559)237-4409
E-MAIL: pauliengineering@sbcglobal.net
www.pauliengineering.com

Drawing Title: ATRIUM CANOPIES FLOOR PLAN

Approved Project Director:

Project Title: CANOPIES AT ATRIUM WITH FLAT WORK IMPROVEMENT

Location: 2615 E. Clinton Ave, Fresno, CA

Date: 05-07-2012 | Checked | Drawn

Project Number: 570-11-123

Building Number: Buillding 1

Drawing Number: FP-110

Dwg. of —

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231