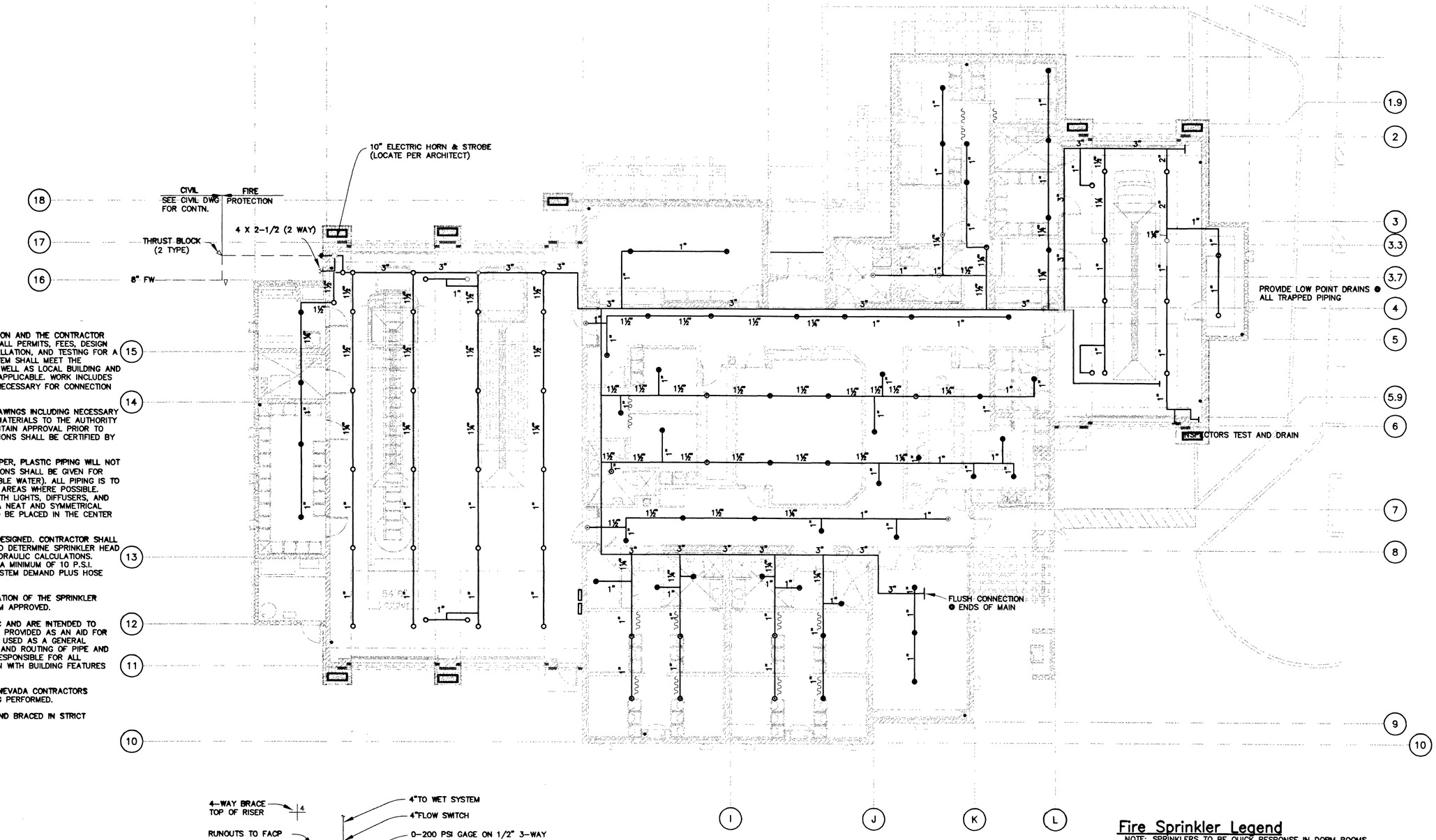


GENERAL NOTES:

1. THIS IS A PERFORMANCE SPECIFICATION AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL PERMITS, FEES, DESIGN MATERIAL, FABRICATION, STORAGE, INSTALLATION, AND TESTING FOR A COMPLETE AND OPERABLE SYSTEM. SYSTEM SHALL MEET THE REQUIREMENTS OF NFPA 13 AND 24 AS WELL AS LOCAL BUILDING AND WATER DEPARTMENT REQUIREMENTS AS APPLICABLE. WORK INCLUDES SPRINKLER ALARM DEVICES REQUIRED/ NECESSARY FOR CONNECTION TO FIRE ALARM PANELS.

2. SUBMIT COMPLETE SET OF SHOP DRAWINGS INCLUDING NECESSARY CALCULATIONS AND CATALOG CUTS OF MATERIALS TO THE AUTHORITY HAVING JURISTICTION FOR APPROVAL. OBTAIN APPROVAL PRIOR TO INSTALLATION. DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED BY A MINIMUM NICET LEVEL III TECHNICIAN.

3. ALL PIPING IS TO BE STEEL OR COPPER, PLASTIC PIPING WILL NOT BE ALLOWED. (REASONABLE CONSIDERATIONS SHALL BE GIVEN FOR THE CORROSIVE NATURE OF THE AVAILABLE WATER). ALL PIPING IS TO BE CONCEALED ABOVE FINISHED CEILING AREAS WHERE POSSIBLE. SPRINKLER HEADS SHALL BE ALIGNED WITH LIGHTS, DIFFUSERS, AND OTHER EQUIPMENT SO AS TO PRESENT A NEAT AND SYMMETRICAL APPEARANCE. SPRINKLER HEADS ARE TO BE PLACED IN THE CENTER OF CEILING TILE.

4. SYSTEM SHALL BE HYDRAULICALLY DESIGNED. CONTRACTOR SHALL OBTAIN WATER SUPPLY INFORMATION AND DETERMINE SPRINKLER HEAD SPACING AND DESIGN DENSITIES FOR HYDRAULIC CALCULATIONS. REQUIRED SYSTEM PRESSURE SHALL BE A MINIMUM OF 10 P.S.I. BELOW THE AVAILABLE PRESSURE AT SYSTEM DEMAND PLUS HOSE ALLOWANCE.

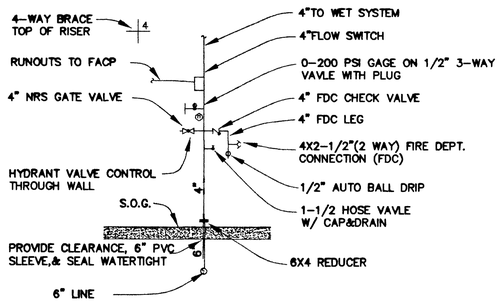
5. MATERIAL INCIDENTAL TO THE OPERATION OF THE SPRINKLER SYSTEM SHALL BE UL LISTED AND/OR FM APPROVED.

6. THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW DESIGN CONCEPT ONLY. THEY ARE PROVIDED AS AN AID FOR COST ESTIMATION ONLY AND ARE TO BE USED AS A GENERAL GUIDELINE FOR THE INTENDED LOCATION AND ROUTING OF PIPE AND SPRINKLERS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DIMENSIONAL DETAILS AND COORDINATION WITH BUILDING FEATURES THAT MAY EFFECT THE INSTALLATION.

7. CONTRACTOR SHALL HOLD A VALID NEVADA CONTRACTORS LICENSE FOR THE TYPE OF WORK BEING PERFORMED.

8. ALL PIPING SHALL BE SUSPENDED AND BRACED IN STRICT ACCORDANCE WITH NFPA 13.

9. CONNECT ANSUL SYSTEM TO FACP.



FIRE RISER DETAIL

1 FP-01 FIRE PROTECTION PLAN
1/8" = 1'-0"

Fire Sprinkler Legend

NOTE: SPRINKLERS TO BE QUICK RESPONSE IN DORM ROOMS.

- ● SURFACE MOUNTED PENDANT (2PC CANOPY)N SPRINKLER HEAD
- ◉ SEMI-RECESSED PENDENT SPRINKLER HEAD
- ○ UPRIGHT SPRINKLER HEAD

Symbols & Abbreviations List

WSP	WET SPRINKLER PIPING
(E)	EXSTING
(N)	NEW
FACP	FIRE ALARM CONTROL PANEL
⊖	CONTINUOUS PIPE RISER
—●	PIPE RISE OR DROP
WSP	NEW SPRINKLER PIPING

REFERENCE ALL DESIGN DRAWINGS FOR COMPLETE INFORMATION ON BUILDING FEATURES THAT MAY EFFECT WORK

CITY OF LAS VEGAS, NEVADA
FIRE STATION #44
FIRE PROTECTION PLAN

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400 EAST STEWART AVENUE
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TDD: (702)386-9108

DESIGN ENGINEERING CONSULTANT
DRAWN: KJB/JL
TITLE:
DATE: 7/15/03 6/19/03
SCALE: AS SHOWN
PROJECT: 630.97
SHEET NO: 82 OF 106
FP-01

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