

**FIRE PROTECTION DESIGN CRITERIA**

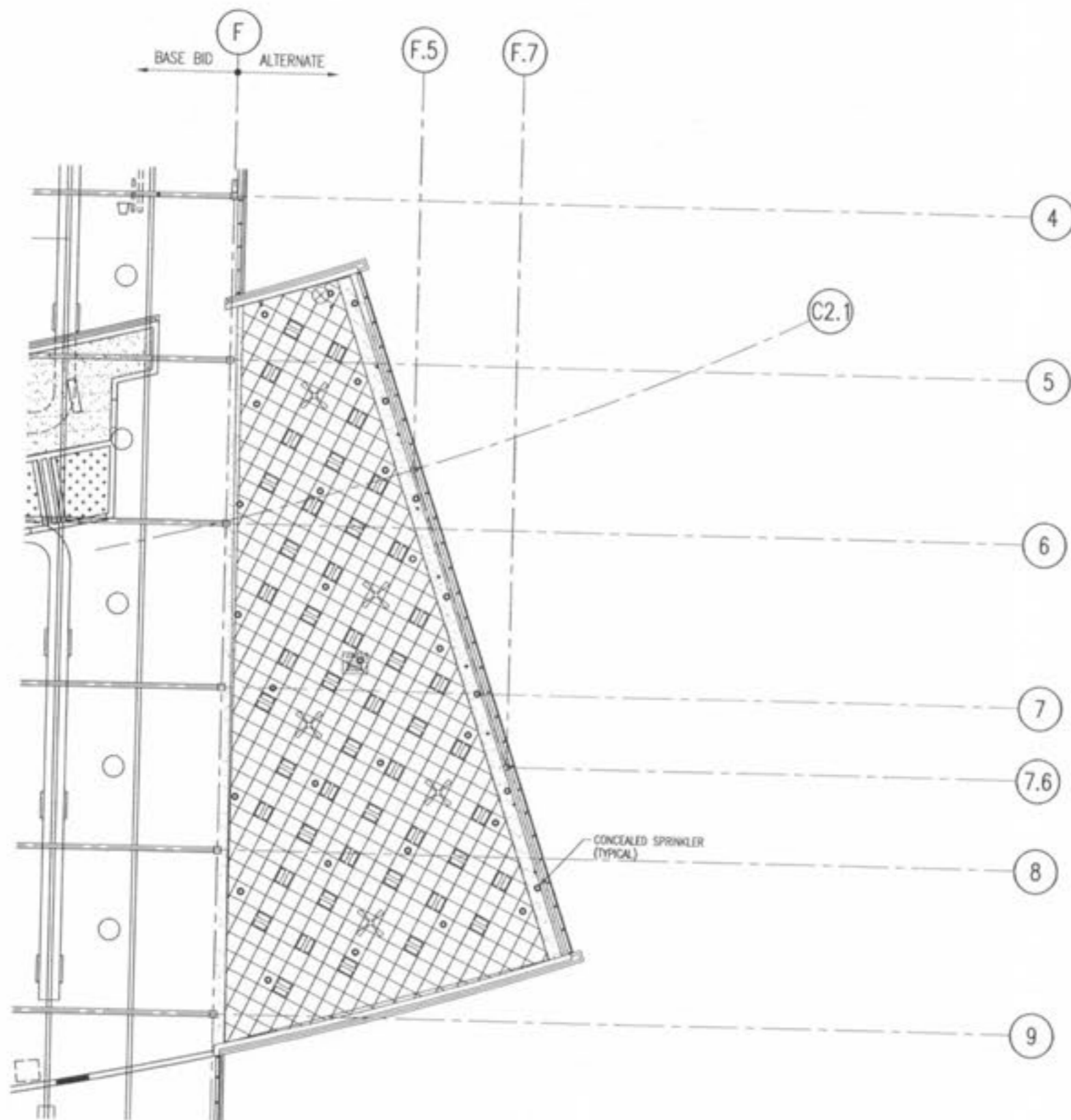
TOTAL AREA SHALL BE PROTECTED BY A WET-PIPE SPRINKLER SYSTEM. SYSTEM SHALL BE A WET-PIPE SYSTEM DESIGNED PER NFPA 13 REQUIREMENT LIGHT HAZARD OCCUPANCY, 0.10 GPM PER SQUARE FOOT OVER THE MOST REMOTE 1500 SQUARE FEET, PLUS 100 GPM HOSE STREAM DEMAND AND 225 SQUARE FOOT PER HEAD SPACING, 1/2" ORIFICE AND 165 DEGREE HEAD.

**NOTES:**

1. ALL PIPING AND BRACING TO MEET ALL BUILDING CODE REQUIREMENTS.
2. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SPRINKLERS WITH DIFFUSERS, DUCTWORK, LIGHTS AND ALL OTHER TRADES.
3. REFER TO ARCH. REFLECTED CEILING PLANS.
4. SPRINKLER HEADS IN AREAS WITH CEILINGS SHALL BE CONCEALED AUTOMATIC SPRINKLERS AS NOTED.
5. SPRINKLER HEADS IN AREAS WITH NO CEILINGS SHALL BE BRONZE UPRIGHT OR PENDENT, AUTOMATIC SPRINKLERS. IN THE GYMNASIUM SPRINKLER HEADS SHALL HAVE WIRE GUARDS.

**NOTES:**

1. FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, SEE DRAWING FP001.



**A3**  
ALTERNATE  
PARTIAL MEZZANINE PLAN  
1/8"=1'-0"

Revision:  
Date: 12/9/02 By: FJP Description: ISSUED FOR BID



12-1202

**RENAUD SPIRIT CENTER**  
For the City of O'Fallon - Missouri



Jacobs Project No: F064000  
Drawing Title:

ALTERNATE  
FIRE PROTECTION  
MEZZANINE PLAN  
NORTH - WEST

Date: DECEMBER 9, 2002  
Designed By: F.PALRELL Drawing No:  
Drawn By: F.PALRELL  
Checked By: P.LANGENFELD **FP304.A**