

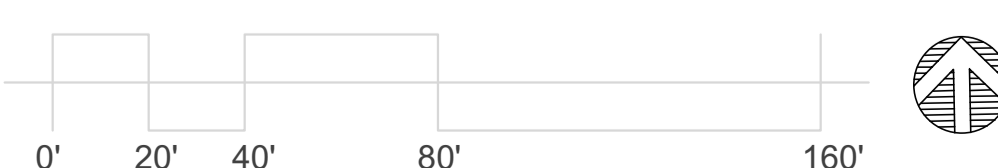


THESE CONSTRUCTION DOCUMENTS WERE REVIEWED AND APPROVED BY THE ALBUQUERQUE FIRE MARSHAL'S OFFICE IN ACCORDANCE WITH THE CITY ORDINANCE, THE INTERNATIONAL FIRE CODE, AND NFPA STANDARDS. THIS PERMIT IS VALID FOR 180 DAYS. FINAL INSPECTION IS REQUIRED.

**FIRE FLOW:** IIB, 3375GPM, 4 HYDRANTS



FIRE 1 PLAN - PHASE 1  
SCALE: 1" = 40'-0"



- A. ALL FIRE LINES ARE A MINIMUM OF 26" WIDE.
- B. ALL FIRE LINES DESIGNED TO SUPPORT THE 75,000LB FIRE APPARATUS.
- C. ALL FIRE LINES WILL BE DESIGNED TO BE LESS THAN 10% LONGITUDINAL SLOPE.
- D. SECURITY GATES (BOTH PERSONNEL AND VEHICULAR) CAN BE CONTROLLED BY KEYS OR ACCESS CODES LOCATED WITHIN KNOX BOXES.
- E. PREMISE IDENTIFICATION WILL BE ADDED PER CITY OF ALBUQUERQUE FIRE DEPARTMENT REQUIREMENTS.
- F. ACCESS AND LOADING ZONES WILL BE IDENTIFIED IN THE FIELD PER DIRECTION FROM THE CITY OF ALBUQUERQUE FIRE DEPARTMENT.
- G. VEHICLES OR OBSTRUCTIONS SHALL NOT BE LOCATED WITHIN 15' OF A FIRE HYDRANT OR 5' OF THE FDC.
- H. THERE WILL BE A TOTAL OF 3 FIRE HYDRANTS (MINIMUM) SURROUNDING EACH BUILDING ON THE SITE. PER APPENDIX C, OF IFG FOR FIRE FLOWS LESS THAN 3.0 MGAL THE SPACING BETWEEN FIRE HYDRANTS CAN BE 600' AVERAGE.
- I. ACTUAL AVERAGE SPACING BETWEEN FIRE HYDRANTS IS 475'.
- J. BUILDING HEIGHT TO TOP OF PARAPET 36'.

S-1 AND F-1 MIXED OCCUPANCY BUILDING, FULLY SPRINKLED, TYPE II-B  
CONSTRUCTION AND UNLIMITED AREA PER PROVISION OF IBC SECTION 507.4.

WAREHOUSE S-1  
MANUFACTURING F-1

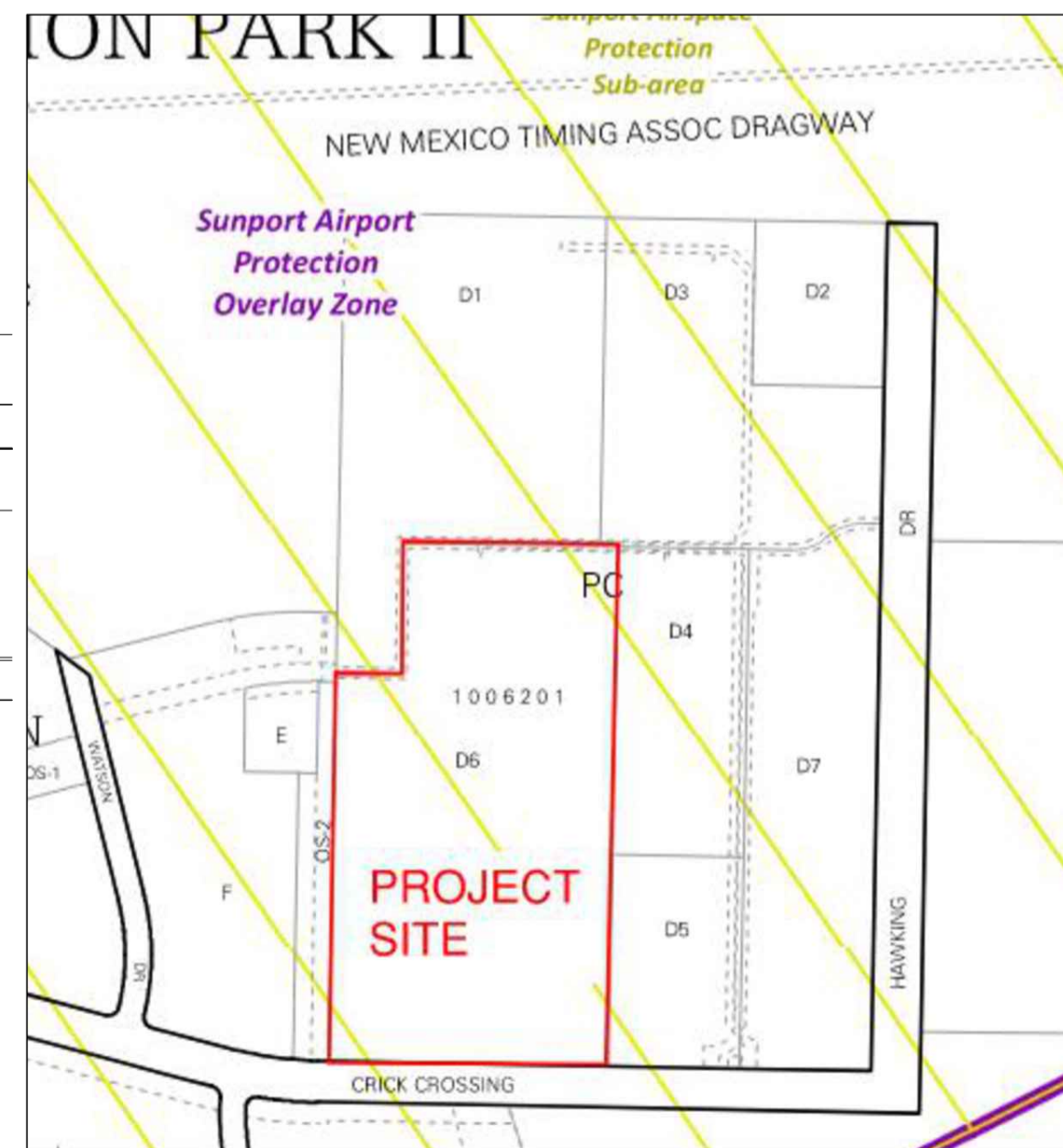
INTERNATIONAL FIRE CODE 2015, APPENDIX B (TYPICAL BLDG)  
FIRE FLOW PER IFC TABLE B105.1(2) IS 6,750 GPM (NON SPRINKLED BUILDING)  
PER IFC TABLE B105(1) FIRE FLOW CAN BE REDUCED TO 50% IF BUILDING  
PROTECTED BY AUTOMATIC SPRINKLER SYSTEM IN COMPLIANCE WITH 913.3.1.3  
OF THE IFC.

THEREFORE REQUIRED FIRE FLOW IS 3,375 GPM.

INTERNATIONAL FIRE CODE 2015, APPENDIX C  
SPACING AND NUMBER OF HYDRANTS FOR PROPOSAL BUILDING PER TABLE C102.  
MINIMUM NUMBER OF HYDRANTS = 3  
AVERAGE SPACING BETWEEN HYDRANTS = 600' PER FOOTNOTE F, ALLOWING A  
50% INCREASE IN SPACING FOR SPRINKLED BUILDINGS  
MAXIMUM DISTANCE FROM ANY POINT ON FIRE LANE TO HYDRANT = 337.5' PER  
FOOTNOTE F, ALLOWING A 50% INCREASE IN SPACING FOR SPRINKLED  
BUILDINGS

PERIMETER ROAD CONTAINS 4 HYDRANTS OVER A TRAVEL LENGTH OF 1950'.  
AVERAGE SPACING IS 487.5'

1. EXISTING 18" PUBLIC WATERLINE.
2. NEW 12" PRIVATE FIRE LINE.
3. NEW FIRE HYDRANT.
4. NEW WALL MOUNTED FIRE DEPARTMENT CONNECTION.
5. NEW WALL INDICATOR VALVE.
6. NEW 26" WIDE FIRE LINE.
7. EXISTING FIRE HYDRANT.
8. KNOX BOX.
9. RED CURB WITH WHITE LETTERS "FIRE LANE NO PARKING".
10. PERSONNEL GATE OPERABLE WITH KEY FROM KNOX BOX.
11. VEHICULAR GATE OPERABLE WITH KEY FROM KNOX BOX.



A5

ZONE ATLAS PAGE Q-16

NOT TO SCALE



**ROSES SOUTHWEST PAPERS**

CRICK CROSSING  
ALBUQUERQUE, NEW MEXICO

## SCHEMATIC DESIGN

REVISION	DATE
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DATE 8/4/23

PROJECT NO

FIRE 1 PLAN -  
PHASE 1

SHEET NO.

## FIRE 1.1

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