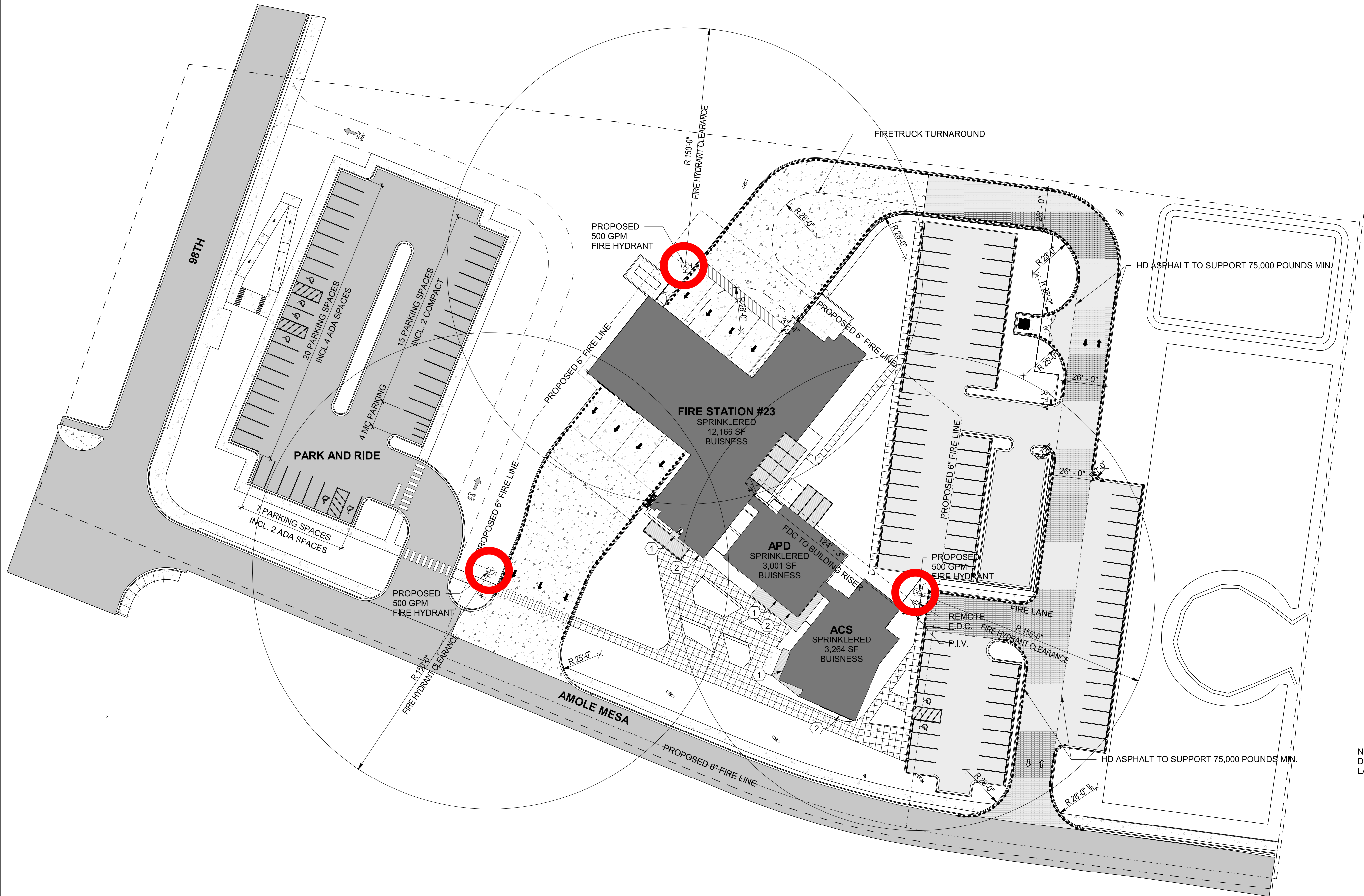
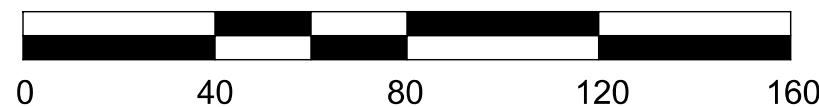


PROJECT NO.: D C B A

A1 FIRE 1 PLAN

Scale: 1" = 40'-0"



NOTE: DASHED LINE: - - - - -
DENOTES RED PAINTED FIRE
LANE LOCATION EXTENTS.

GENERAL FIRE 1 NOTES

1. ACCESS AND LOADING: AN APPROVED FIRE APPARATUS ACCESS ROAD SHALL BE AN ASPHALT, CONCRETE OR OTHER APPROVED DRIVING SURFACE CAPABLE OF SUPPORTING THE IMPOSED LOAD OR FIRE APPARATUS WEIGHING AT LEAST 75,000 LBS.
2. FIRE APPARATUS ROADS SHALL NOT EXCEED 10% IN GRADE.

SHEET KEYNOTE

1	KNOX BOX PER COA ORDINANCE
2	PREMISE ID



ALBUQUERQUE FIRE MARSHAL'S
DIVISION OFFICE PLANS
CHECKING DIVISION
PERMIT
PERMIT NUMBER: FP-23-015192
APPROVED DATE: 07/25/23
APPROVED
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: 1500 GPM, 1 HYDRANT, 3 PROVIDED FOR SPACING, IIB

CODE ANALYSIS

ADDRESS: 0000 Amole Mesa Ave SW
Albuquerque, NM 87121

APPLICABLE CODES:
2015 INTERNATIONAL BUILDING CODE (2015 IBC)
2015 NEW MEXICO COMMERCIAL BUILDING CODE
2021 NEW MEXICO PLUMBING & MECHANICAL CODE
2017 NEW MEXICO ELECTRICAL CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL FIRE CODE
ICC/ANSI A117.1-2009 ACCESSIBILITY STANDARDS

OCCUPANCY CLASSIFICATION- ACS OFFICE AND APD SUBSTATION: MIXED
OCCUPANCIES
GROUP B, BUSINESS

CONSTRUCTION TYPE:
Per IBC table 601
TYPE IIB, NEW CONSTRUCTION

SEISMIC DESIGN CATEGORY: D, REFER STRUCTURAL NOTES

BUILDING AREA:
BUILDING AREA IS THE AREA INCLUDED WITHIN SURROUNDING EXTERIOR WALLS
EXCLUDING VENT SHAFTS AND COURTS (IBC 502).

AS SHOWN: 3,001 GSF APD SUBSTATION
3,264 GSF ACS OFFICE
12,166 GSF FS#23

ALLOWABLE TABLE 506.2:
GROUP B: 92,000 SF

NO SEPARATION REQUIRED BETWEEN FS23, APD AND ACS SPACES

FIRE-PROTECTION SYSTEM: BUILDING IS EQUIPPED WITH AN APPROVED
AUTOMATIC SPRINKLER SYSTEM

OCCUPANT LOAD:

PER IBC TABLE 1004.1.1
APD SUBSTATION-
GROUP A-3
CONFERENCE: 833 SF/15 OCC/SF = 56 OCC
GROUP B
BUSINESS AREAS (BALANCE OF BLDG) 2,168 SF/100 = 22 OCC
TOTAL OCCUPANTS- APD SUBSTATION: 78 OCC

ACS OFFICE-
GROUP A-3
TRAINING RM: 665 SF/15 OCC/SF = 45 OCC
GROUP B:
BUSINESS AREAS (BALANCE OF BLDG) 2,599 SF/100 = 26 OCC
TOTAL OCCUPANTS- ACS OFFICE: 71 OCC

FS23
GROUP A-3
CONFERENCE: 442 SF/15 OCC./SF = 30 OCC
LIVING AREA:
(KITCHEN, DINING, DAY AREA) 1,167 SF/15 OCC./SF = 78 OCC
EXERCISE ROOM: 495 SF/50 OCC./SF = 10 OCC

GROUP R-3: 1,368 SF/200 OCC./SF = 7 OCC

GROUP S-2: 5,145 SF/300 OCC./SF = 17 OCC

TOTAL OCCUPANTS - FS23 142 Occ.

ALLOWABLE BUILDING HEIGHT: GROUP B, TYPE IIB (BOTH BUILDINGS): 75 FT (3
STORY)

ACTUAL BUILDING HEIGHT: 1 STORY NEW CONSTRUCTION, 36FT

FIRE FLOW (IFC 2015 APPENDIX B) TABLE B105.1 TYPE IIB SPRINKLERED AT
18,431 SF:

REQUIRED: =PER TABLE B105.1 THIS IS 1/2 OF TABULAR VALUE OF
3000 = 1500 GPM FOR 3 HOURS.

PROVIDED: 1500 GPM FOR 3 HOURS

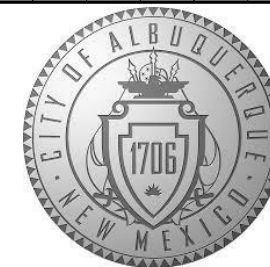
HYDRANTS: (IFC APPENDIX C) TABLE C102.1:
REQUIRED: 3 FIRE HYDRANTS SPACED 400 APART, AND 225 MAX FROM
FRONTAGE TO HYDRANT.

PROVIDED: 3 FIRE HYDRANTS SPACED APPROX. 250 FT APART

-PROPOSED HYDRANT BETWEEN THE FIRE TRUCK EXIT DRIVEWAY,
AND THE PARK AND RIDE DRIVEWAY.

-PROPOSED HYDRANT BEHIND THE ENTRANCE TO THE APPARATUS
BAY

-PROPOSED FIRE HYDRANT NEAR THE NORTH EAST CORNER OF THE
ACS BUILDING



CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM

SOUTHWEST PUBLIC SAFETY CENTER

Drawing Title

FIRE1 SITE PLAN

Design Review Committee

City Engineer Approval

Issue Date:

JULY 2023

City Project No.

Last Design
Update

Sheet

FIRE1