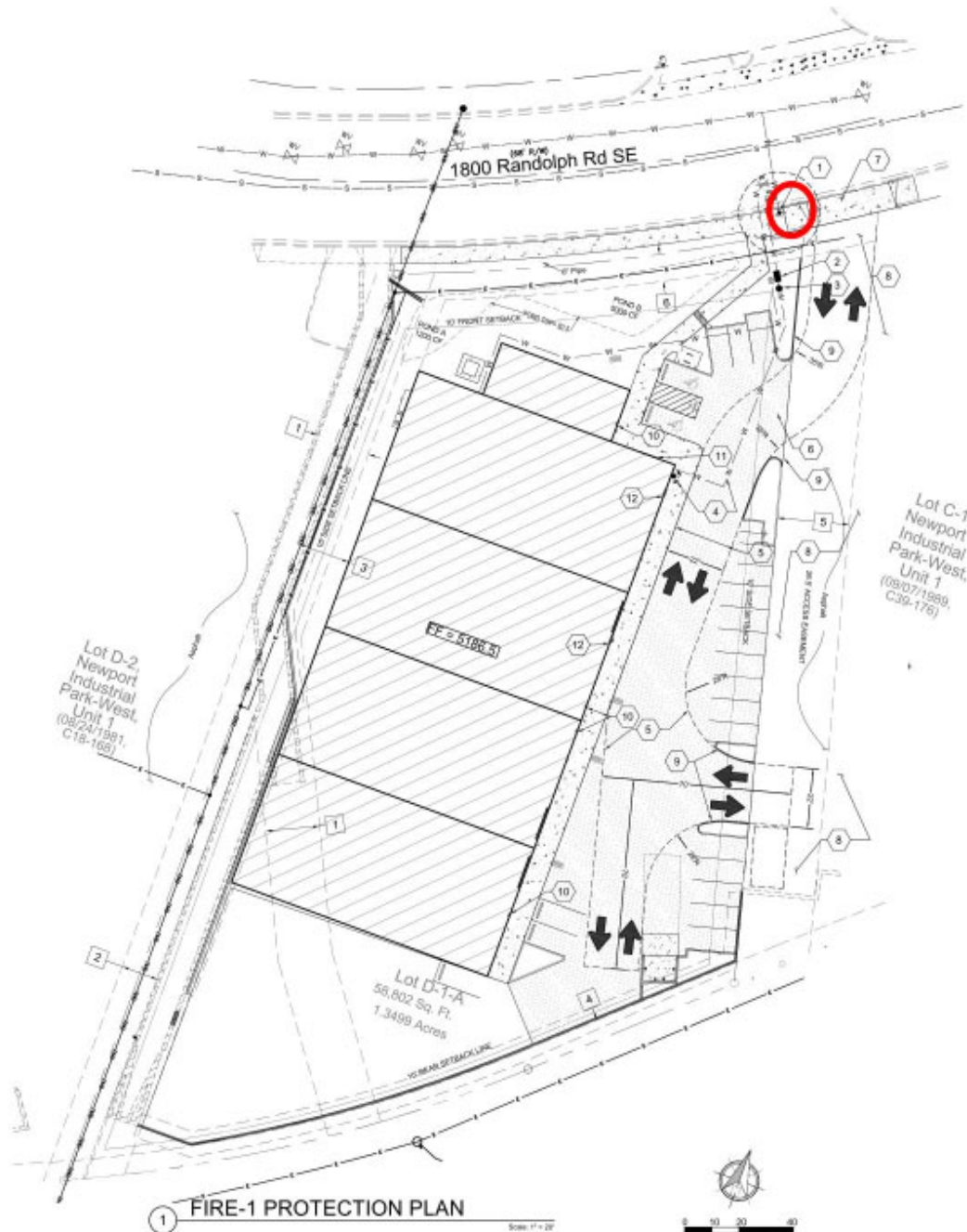




1 FIRE-1 PROTECTION PLAN

Scale: 1" = 20'



WAGONER BUILDING CODE REQUIREMENTS

CODE REQUIREMENTS
2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 UNIFORM PLUMBING CODE
2021 UNIFORM MECHANICAL CODE
2017 NATIONAL ELECTRICAL CODE
2017 INTERNATIONAL FIRE CODE
SITE DATA
APC: 10180504013510304
ADDRESS: 1800 RANDOLPH ROAD NE, ALBUQUERQUE, NEW MEXICO 87104
SITE ADDRESS: 1800 RANDOLPH ROAD NE, ALBUQUERQUE, NEW MEXICO 87104
LEGAL DESCRIPTION: LOT D1A NEWPORT INDUSTRIAL PARK-WEST UNIT 1
OWNER: S. SUBDIVISION CONT 1.3499 AC
ZONING
M-10
OCCUPANCY TYPE
LIGHT MANUFACTURING F-2
OCCUPANCY GROUP F-2
INDUSTRIAL AREAS ARE RECREATIONAL OCCUPANCIES WITH SAME OCCUPANT LOAD FACTOR
FIRE SPRINKLERS
BUILDING TO BE FIRE SPRINKLED - PLANS TO BE PREPARED BY NICET LEVEL 3 DESIGNER
FIRE FLOW CALCULATIONS:
TOTAL BUILDING AREA = 22,380 SF
EXTERIOR CROPPING = 1,320 SF
AREA FOR FIRE FLOW CALC = 23,700 SF
FIRE FLOW PER TABLE 8105.1(2) 3250 X 0.5 (SPRINKLED) = 1625 GPM
(50% REDUCTION USED PER CDA FIRE MARSHAL OFFICE)
812.5 X 0.5 (NON-COMBUSTIBLE) COEFFICIENT = 1320 GPM

FIRE DEPARTMENT NOTES

1. THE BUILDING WILL BE FIRE SPRINKLED.
2. FIRE PROTECTION SYSTEMS: SHOP DRAWINGS WILL BE SUBMITTED TO THE FIRE MARSHAL'S OFFICE FOR REVIEW AND APPROVAL OF ANY INSTALLATION OR MODIFICATION TO THE FIRE SPRINKLER SYSTEM, FIRE ALARM SYSTEM, KITCHEN SUPPRESSION SYSTEM OR ANY OTHER FIRE RELATED SYSTEM. THE FIRE SPRINKLER SYSTEM WILL BE SUPERVISED WHEN REQUIRED BY THE 2017 INTERNATIONAL FIRE CODE. SHOP DRAWINGS WILL BE PREPARED BY A NICET LEVEL 3 DESIGNER.

Easement Notes

1. EXISTING 20' TEMPORARY DRAINAGE EASEMENT (02/23/1981, C18-11) AND AS SHOWN ON PLAT (09/07/1989, C39-176)
2. EXISTING 14' PUBLIC UTILITY EASEMENT (02/23/1981, C18-11) AND AS SHOWN ON PLAT (09/07/1989, C39-176)
3. EXISTING 20' PRIVATE DRAINAGE EASEMENT (09/07/1989, C39-176)
4. EXISTING 7' UTILITY EASEMENT (02/23/1981, C18-11) AND AS SHOWN ON PLAT (09/07/1989, C39-176)
5. EXISTING 36.5' ACCESS EASEMENT BENEFITING LOT D-1-A, MAINTAINED BY THE OWNERS OF LOTS D-1-A AND D-1-B (09/07/1989, C39-176)
6. EXISTING 10' PAV AND MSTAT EASEMENT (06/09/1983, SH. MISC. 27A, PG. 487, DOC. NO. 83-37370)

GENERAL NOTES - FIRE

- A. FIRE APPARATUS ROADS SHALL HAVE AN ASPHALT, CONCRETE OR OTHER APPROVED DRIVING SURFACE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS.

KEYED NOTES

1. EXISTING FIRE HYDRANT.
2. INSTALL 4" RPPA ON FIRE LANE.
3. INSTALL 4" PIV ON FIRE LANE.
4. INSTALL REMOTE FIRE DEPARTMENT CONNECTION (FDC) ON 4" FIRE WATERLINE. COORDINATE SIZE AND TYPE WITH FIRE PROTECTION ENGINEER.
5. EXTENTS OF FIRE LANE AND TURN AROUND.
6. PAVED ACCESS TO SITE HAS SLOPE LESS THAN OR EQUAL TO 10%. SEE SHEET C1.1 GRADING AND DRAINAGE PLAN.
7. SITE ACCESS THRU EXISTING CONCRETE DRIVE WAY.
8. ADJACENT LOT EXISTING ASPHALT PARKING LOT.
9. PAINTED RED CURB MARKED "FIRE LANE".
10. KNOX BOX LOCATIONS SEE FIRE 2.
11. PREMISE ID LETTERING ON EXTERIOR OF BUILDING FACING STREET.
12. IF C TYPE D SIGN WITH "NO PARKING FIRE LANE" MOUNT SIGN ON EXTERIOR WALL OF BUILDING FACING SIDEWALK.

LEGEND

	NEW ASPHALT PAVEMENT
	EXISTING CONCRETE SIDEWALK
	NEW CONCRETE SIDEWALK
	EXISTING BUILDING
	NEW BUILDING
	FINISH FLOOR ELEVATION
	EXISTING SANITARY SEWER MANHOLE
	NEW SANITARY SEWER MANHOLE
	EXISTING SANITARY SEWER LINE
	NEW SANITARY SEWER LINE
	NEW SANITARY SEWER CLEANOUTS
	DIRECTION OF FLOW
	EXISTING WATERLINE
	EXISTING FIRE HYDRANT
	EXISTING GATE VALVE
	NEW FIRE HYDRANT
	NEW GATE VALVE
	NEW WATER METER
	NEW WATERLINE
	EXISTING GAS LINE
	FIRE/OVERHEAD ELECTRIC LINE
	FIRE/DELIVERY LANE TRAFFIC CIRCULATION PATH (NO PAVEMENT STRIPPING)
	FIRE LANE CURB STRIPPING

ABQ Engineering
 Civil • Structural • Mechanical • Plumbing • Electrical
 8102 Maribel Blvd. NE, Suite D, Albuquerque, NM 87110
 Tel: 505.255.7802 Fax: 505.255.7803 www.abqeng.com

