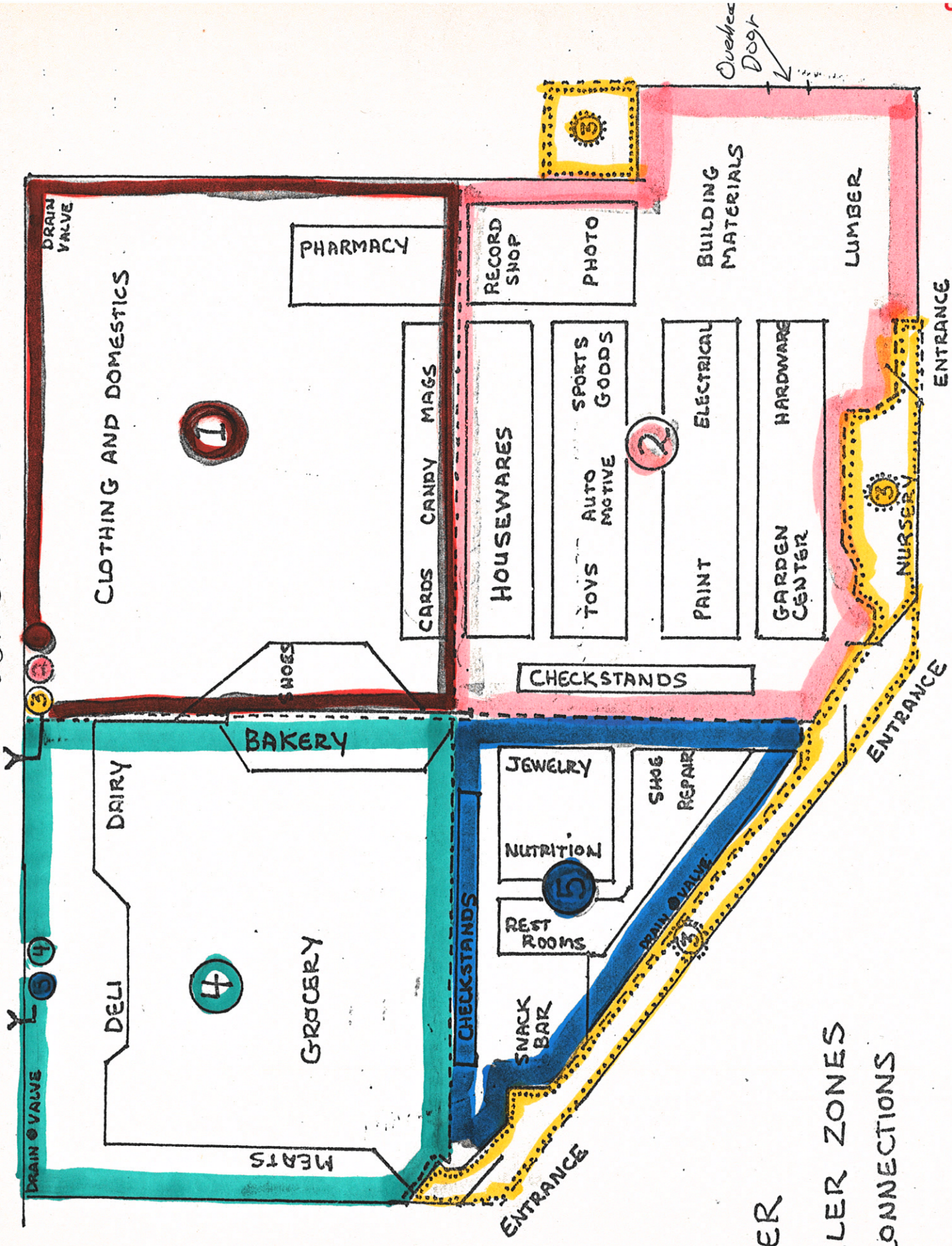


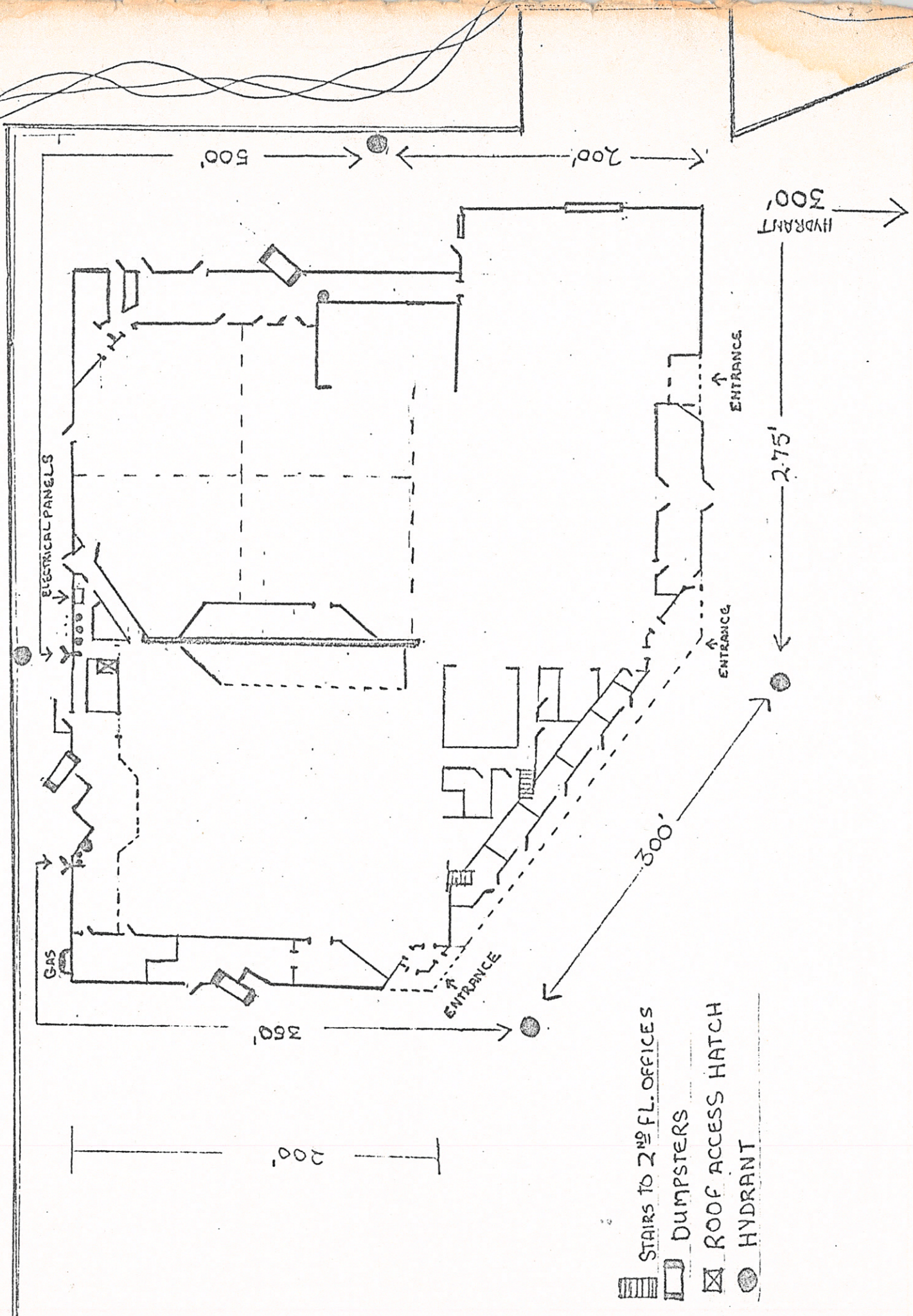
#31s DRY SYSTEM



FRED
MEYER

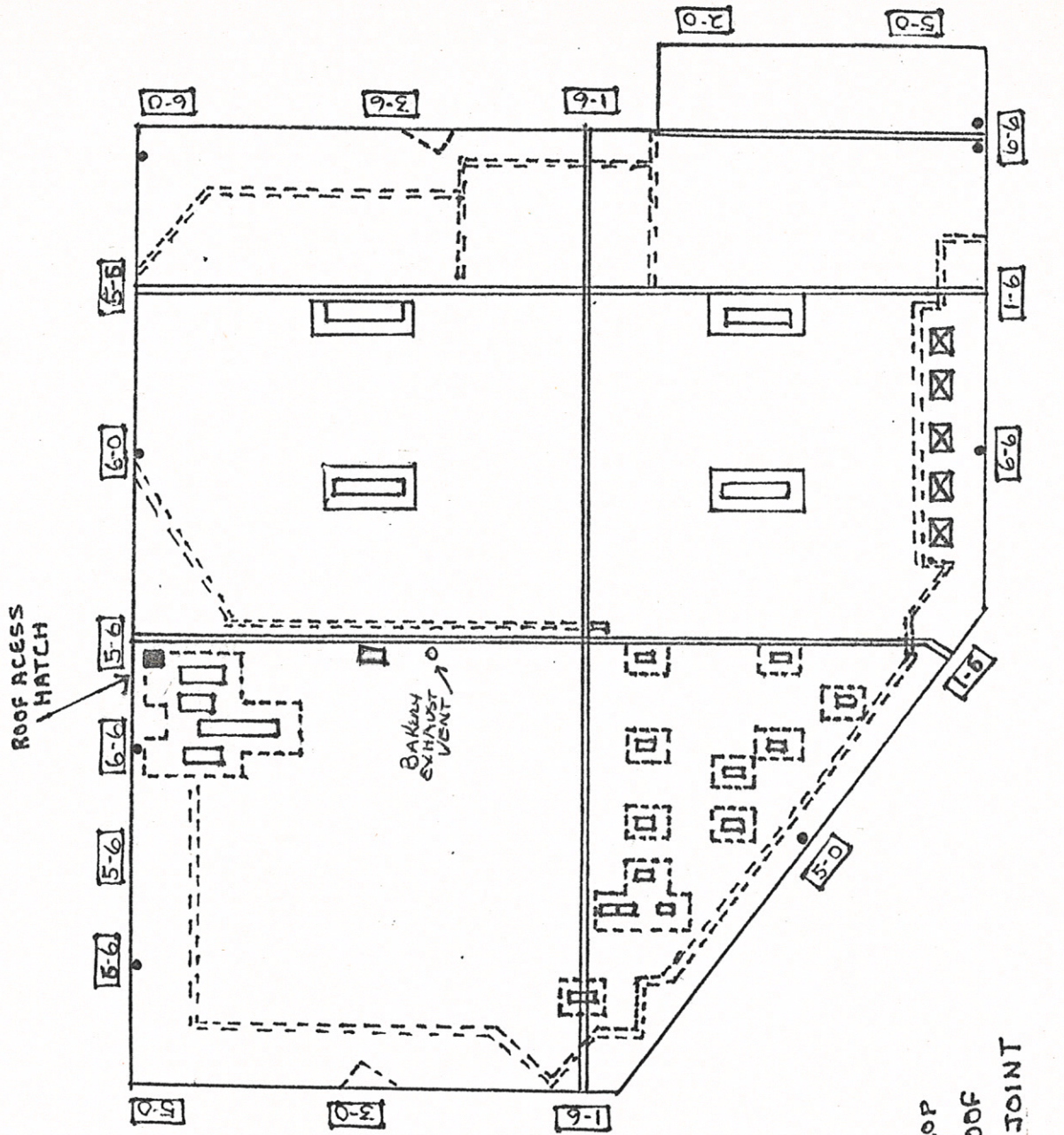
SPRINKLER ZONES
AND CONNECTIONS

FRED MEYER FLOOR PLAN



-  STAIRS TO 2ND FL. OFFICES
-  DUMPSTERS
-  ROOF ACCESS HATCH
-  HYDRANT

FRED MEYER ROOF PLAN



TOP OF PARAPET 27'-5"

□ INDICATES VERTICAL DROP

FROM TOP OF PARAPET TO ROOF

— ROOF DRAIN CONTROL JOINT

☒ SKYLIGHTS

===== LINE OF WALL BELOW

BUILDING ADDRESS 5425 CHINDENBUILDING DESCRIPTION FRED MEYER - (GROCERY- DEPARTMENT- GARDEN- HOME IMPROVEMENTS)TILT-UP SLAB AND LIGHTWEIGHT T.J. ROOF CONSTRUCTIONGPM's 170,980 FT²

PER CENT OF INVOLVEMENT				
1%	5%	10%	100%	
Needed Fire Flow -----	<u>450</u>	<u>2,150</u>	<u>4,300</u>	<u>42,750</u>

Personnel for
GPM delivery
including all
exposures

Personnel for
all types of
support

Total personnel
required

Personnel need-
ed per company/
unit for GPM
delivery and
all types of
support

Engine
Truck
Chief
Other.

5723NOTE: EXPECT ONLYAPPROX 2,500 G.P.M.AREA FIRE FLOW.IF SPRINKLER SYSTEMIS OPERATING, VERYLITTLE WATER WILL BELEFT IN RESIDUAL FORFIRE APPARATUS

FIRE BEHAVIOR PREDICTION IF FIRE OVERPOWERS SPRINKLER SYSTEM (APPROX. 5%)
RAPID BUILD-UP AND HORIZONTAL SPREAD THROUGH UNPROTECTED OPEN
CEILING + ATTIC AREA

STRATEGY OFFENSIVE - LESS THAN 5% - 1ST ENGINE LAY TO BOTH SPRINKLER CONNECTIONS
VENTILATE AND CONFINE

DEFENSIVE - MORE THAN 5% - TRENCH VENTILATE - WRITE OFF 1/2 STRUCTURE
PORTABLE MASTER STREAMS - LADDER PIPES

TRAFFIC PROBLEMS ANTICIPATED BUILDING AND ROOF ACCESS - REAR LOCKED, TRUCK CO. TO ACCESS ROOF -
+ RESCUE DURING BUSINESS HOURS - LONG HAND LAYS - VERY LITTLE AVAILABLE WATER -
DIFFICULT TO VENTILATE

HAZARDS TO PERSONNEL DISORIENTATION - STRUCTURAL MAZE - EARLY ROOF COLLAPSE
2ND STORY COMPRESSOR ROOM DOOR HAS ABRUPT DROP-OFF. - UP TO 6 FOOT
DROP FROM PARAPET TO ROOF

STANDPIPES

☐
yes☒
no

SPRINKLERS

☒
yes☐
no