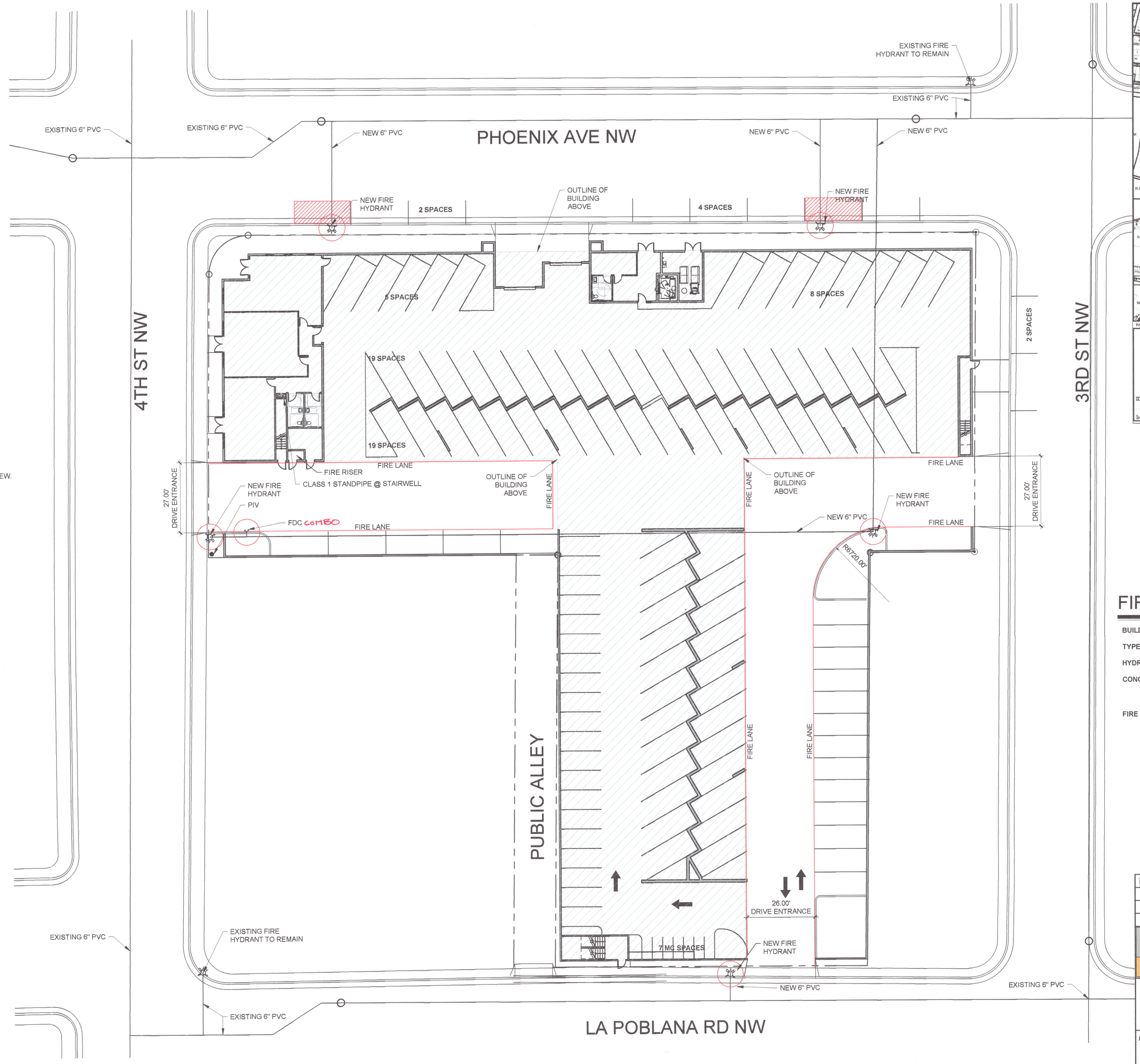
FIRE DEPT. HYDRANT & ACCESS PERMIT REVIEW CHECKLIST

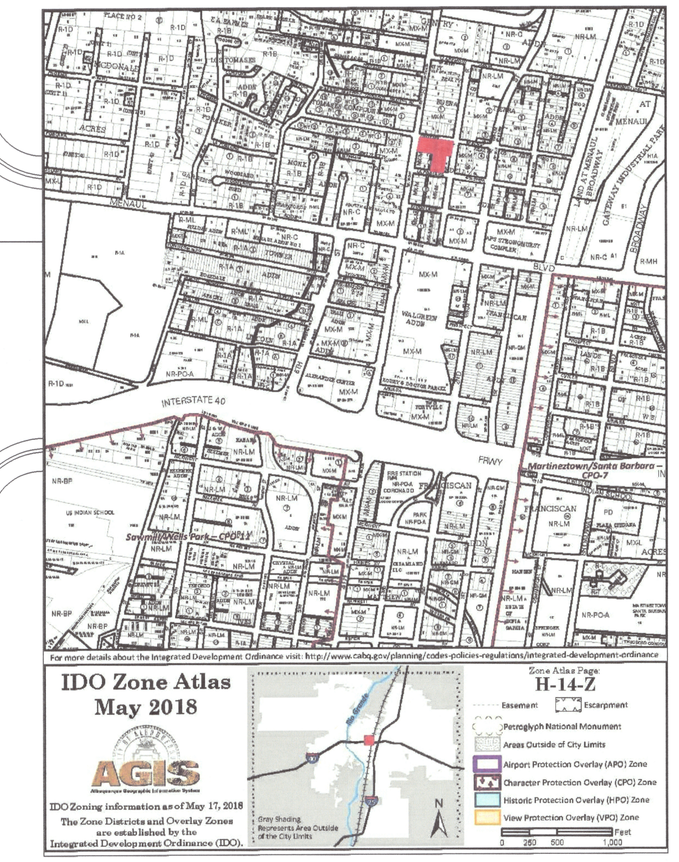
1. HARD COPY PROVIDED
2. FLOW REQUIREMENTS: CONSTRUCTION TYPE V-A : 111,876 - 6,000 GPM, 4 HR (CALCS BELOW)
3. PER TABLE C105.1 : FIRE FLOW 6,000 = 6 HYDRANT @ 250 FT
4. 2 EXISTING FIRE HYDRANTS
5. EXISTING HYDRANTS & PROPOSED HYDRANTS IDENTIFIED
6. WATER SUPPLY LINES IDENTIFIED ON THE PLAN
7. PUBLIC WATER MAIN IDENTIFIED ON THE PLAN
8. NO PARKING 15FT FROM THE HYDRANT
9. ACCESS PROVIDED TO 150FT
10. BUILDING HT 50FT, 3 MEANS OF APPARATUS ACCESS
11. TOTAL BUILDING AREA GREATER THAN 62,000 SF, 3 MEANS OF APPARATUS ACCESS
12. THIS IS A RESIDENTIAL PROJECT WITH LESS THAN 100 UNITS
13. THIS IS NOT A ONE OR TWO FAMILY RESIDENTIAL PROJECT
14. 3 MEANS OF ACCESS PROVIDED, GREATER THAN $\frac{1}{4}$ THE MAX DISTANCE
15. BUILDING GREATER THAN 30 FT IN HT, 26 FT ROAD WIDTH PROVIDED
16. ACCESS ROAD 26 FT WIDE
17. ACCESS ROAD 26 FT WIDE
18. ACCESS ROAD MARKED 2 SIDES
19. TURNING RADIUS = 28 FT
20. DEAD END IS LESS THAN 150 FT
21. ACCESS ROAD IS ASPHALT CAPABLE OF SUPPORTING 75,000LBS
22. REFERENCE DETAIL SHEET AND CIVIL SHEET FOR ASPHALT PAVING DATA
23. ACCESS ROAD GRADE LESS THAN 10%
24. ALL GATES SHALL HAVE KNOX BOX
25. REFER TO G SHEETS FOR FIRE RATINGS
26. SPRINKLER SYSTEM PROVIDED, SHOP DRAWINGS SHALL BE SUBMITTED FOR FIRE MARSHAL'S REVIEW.
27. FDC REQUIRED, LOCATED LESS THAN 100 FT FROM HYDRANT
28. FDC 3FT CLEAR RADIUS PROVIDED
29. PIV REQUIRED, LOCATED ON THE PLAN
30. STANDPIPE REQUIRED
31. STANDPIPE LOCATED LESS THAN 100 FT FROM HYDRANT
32. REMISE ID SHALL BE 12" BRONZE LETTERS MOUNTED TO WEST FACADE (4TH ST NW)
33. SINGLE BUILDING WITH SINGLE ADDRESS
34. KNOX BOX PROVIDED AT MAIN ENTRANCE TO THE BUILDING



FIRE 1 PLAN

SCALE: 1" = 20'-0"

0' 10' 20' 40' 60' 80'



FIRE CALCULATIONS

BUILDING HEIGHT = 52'-6", 4 STORY

TYPE V A (SPRINKLERED) CONSTRUCTION

HYDRANTS REQUIRED PER IFC TABLE C105.1 = 1 HYDRANT @ 250FT MAX

CONCRETE PAVING SHALL SUPPORT 75,000 LBS.

FIRE FLOW CALCULATION IFC 2015 APPENDIX B TABLE B105.1:

IFC B105.1 CONSTRUCTION TYPE II-B 149,168 SF = FLOW @ 7,000 GPM FOR 4 HOURS
IFC B105.2 SPRINKLER SYSTEM PROVIDED: 149,168 SF X 0.75 = 111,876 - 6,000 GPM, 4 HR
IFC B105.2a MIN GPM = 1,500 FOR 2 HOURS

19-000886
HYDRANT AND FIRE ACCESS
ALBUQUERQUE FIRE MARSHAL'S OFFICE
PLANS CHECKING DIVISION
SQFT 111 876 CONSTRUCTION TYPE VA
3000 NUMBER OF HYDRANTS 3
APPROVED / DISAPPROVED
Raul Sanchez 10 30 19
SIGNATURE / MAIN NUMBER / DATE

No	Revision Item	Date

SCOTT C. ANDERSON & associates architects
4419 4th St NW STE. B
Albuquerque, NM 87107
scott@scandarchitects.com
505.401.7575

PHOENIX APARTMENT BUILDING
2818 4TH ST NW
ALBUQUERQUE, NM 87107

DRAWING TITLE

FIRE 1 PLAN

SEAL: STATE OF NEW MEXICO — SCOTT C. ANDERSON — LICENSE NO. 4341 — 10/29/19 — REGISTERED ARCHITECT

DESIGNED	PROJECT NO
DRAWN	SCALE
CHECKED	DRAWING NO
REVIEWED	F-101
DATE 10/21/19	