

FIRE 1 PLAN

FIRE DEPT. HYDRANT & ACCESS PERMIT REVIEW CHECKLIST

- 1. HARD COPY PROVIDED
- FLOW REQUIREMENTS: CONSTRUCTION TYPE II-B-15; 56,993 SF : FIRE FLOW = 5,000 GPM FOR 4 HOURS IFC B105.2 SPRINKLER SYSTEM PROVIDED: 5,000 GPM X 0.25 = 1,250 GPM IFC B105.2a MIN GPM = 1,280 FOR 2 HOURS
- 3. PER TABLE C102.1 : FIRE FLOW 1,250 = 1 HYDRANT @ 250 FT
- 4. 4 EXISTING FIRE HYDRANTS
- 5. EXISTING HYDRANTS & PROPOSED HYDRANTS IDENTIFIED
- 6. WATER SUPPLY LINES IDENTIFIED ON THE PLAN
- PUBLIC WATER MAIN IDENTIFIED ON THE PLAN
- NO PARKING 15FT FROM THE HYDRANT
- 9. ACCESS PROVIDED TO 150FT
- 10. BUILDING HT MORE THAN 30FT, 2 MEANS OF ACCESS PROVIDED
- 11. TOTAL BUILDING AREA LESS THAN 62,000 SF, 2 MEANS OF ACCESS PROVIDED.
- 12. THIS IS NOT A RESIDENTIAL PROJECT
- 13. THIS IS NOT A RESIDENTIAL PROJECT
- 14. N/A. 2 MEANS OF ACCESS REQUIRED
- 15. BUILDING GREATER THAN 30 FT IN HT, ROAD WIDTH PROVIDED
- 16. ACCESS ROAD 27 FT
- 17. N/A
- 18. ACCESS ROAD MARKED 2 SIDES
- TURNING RADIUS < 28 FT
- 21. ACCESS ROAD IS ASPHALT CAPABLE OF SUPPORTING 75,000LBS
- 22. EXISTING ASPHALT PAVING TO REMAIN
- 23. ACCESS ROAD GRADE < 10%
- 24. ALL GATES SHALL HAVE KNOX BOX
- 25. REFER TO G SHEETS FOR FIRE RATINGS
- SPRINKLER SYSTEM PROVIDED, SHOP DRAWINGS SHALL BE SUBMITTED FOR FIRE MARSHAL'S REVIEW.
- 27. FDC PROVIDED
- 28. FDC 3FT CLEAR RADIUS PROVIDED
- 29. PIV PROVIDED
- 30. STANDPIPE NOT REQUIRED
- 31. STANDPIPE NOT REQUIRED
- 32. PREMISE ID SHALL BE 12" BRONZE LETTERS MOUNTED TO WEST FACADE (ALEXANDER BLVD NE)
- 33. SINGLE BUILDING WITH SINGLE ADDRESS
- 34. KNOX BOX PROVIDED AT MAIN ENTRANCE TO THE BUILDING

FIRE CALCULATIONS

BUILDING HEIGHT = 48'-2", 1 STORY

TYPE II B-S (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 53,107 SF = FLOW @ 5,000 GPM FOR 4 HOURS IFC B105.2 SPRINKLER SYSTEM PROVIDED: 5,000 GPM X 0.25 = 1,250 GPM IFC B105.2a MIN GPM = 1,250 FOR 2 HOURS

UPC: 101606117014230120 LEGAL: 11A1 RENAISSANCE CENTER 2 ZONING: NR-BP ZONE ATLAS PAGE: F16



SCALE: 1" = 20'-0"

SCALE: 1" = 30'-0"