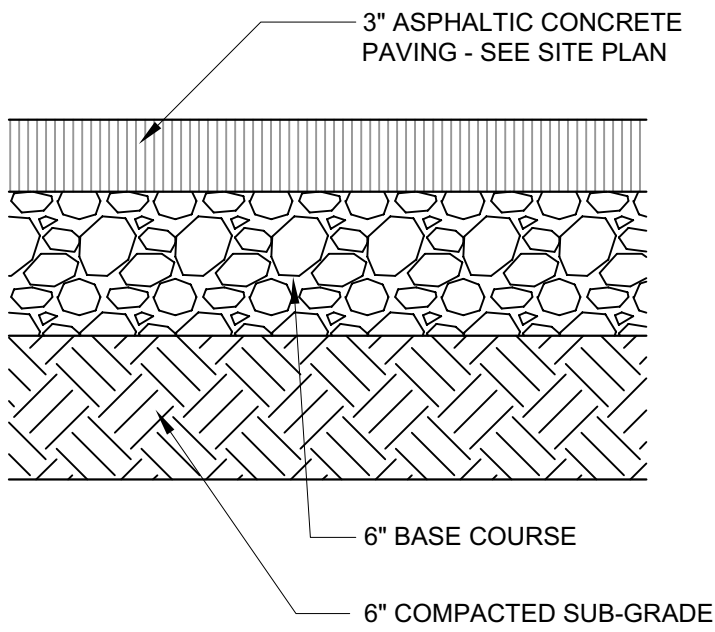


FIRE DEPT. HYDRANT & ACCESS PERMIT REVIEW CHECKLIST

- HARD COPY PROVIDED
- FLOW REQUIREMENTS: CONSTRUCTION TYPE V-A : 18,469 - 2,500 GPM, 2 HR (CALCS BELOW)
- PER TABLE C105.1 : FIRE FLOW 2,500 = 3 HYDRANT @ 450 FT
- 1 EXISTING FIRE HYDRANTS, 2 NEW HYDRANTS
- EXISTING HYDRANTS & PROPOSED HYDRANTS IDENTIFIED
- WATER SUPPLY LINES IDENTIFIED ON THE PLAN
- PUBLIC WATER MAIN IDENTIFIED ON THE PLAN
- NO PARKING 15FT FROM THE HYDRANT
- ACCESS PROVIDED TO 150FT
- BUILDING HT 40'-4" FT, 2 MEANS OF APPARATUS ACCESS
- TOTAL BUILDING AREA LESS THAN 62,000 SF, 2 MEANS OF APPARATUS ACCESS PROVIDED
- THIS IS A RESIDENTIAL PROJECT WITH LESS THAN 100 UNITS
- THIS IS NOT A ONE OR TWO FAMILY RESIDENTIAL PROJECT
- 2 MEANS OF ACCESS PROVIDED, GREATER THAN $\frac{1}{2}$ THE MAX DISTANCE
- BUILDING GREATER THAN 30 FT IN HT, 26 FT ROAD WIDTH PROVIDED
- ACCESS ROAD 26 FT WIDE
- ACCESS ROAD 26 FT WIDE
- ACCESS ROAD MARKED 2 SIDES
- TURNING RADIUS = 28 FT
- DEAD END IS LESS THAN 150 FT
- ACCESS ROAD IS ASPHALT CAPABLE OF SUPPORTING 75,000LBS
- REFERENCE DETAIL SHEET AND CIVIL SHEET FOR ASPHALT PAVING DATA
- ACCESS ROAD GRADE LESS THAN 10%
- ALL GATES SHALL HAVE KNOX BOX
- REFER TO G SHEETS FOR FIRE RATINGS
- SPRINKLER SYSTEM PROVIDED, SHOP DRAWINGS SHALL BE SUBMITTED FOR FIRE MARSHAL'S REVIEW.
- FDC REQUIRED, LOCATED LESS THAN 100 FT FROM HYDRANT
- FDC 3FT CLEAR RADIUS PROVIDED
- PIV REQUIRED, LOCATED ON THE PLAN
- STANDPIPE REQUIRED
- STANDPIPE LOCATED LESS THAN 100 FT FROM HYDRANT
- REMISE ID SHALL BE 12" BRONZE LETTERS MOUNTED TO EAST FACADE (RIO GRANDE BLVD NW)
- SINGLE BUILDING WITH SINGLE ADDRESS
- KNOX BOX PROVIDED AT MAIN ENTRANCE TO THE BUILDING

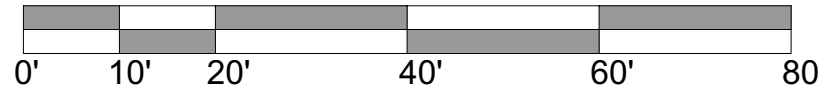
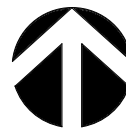


ASPHALT SECTION

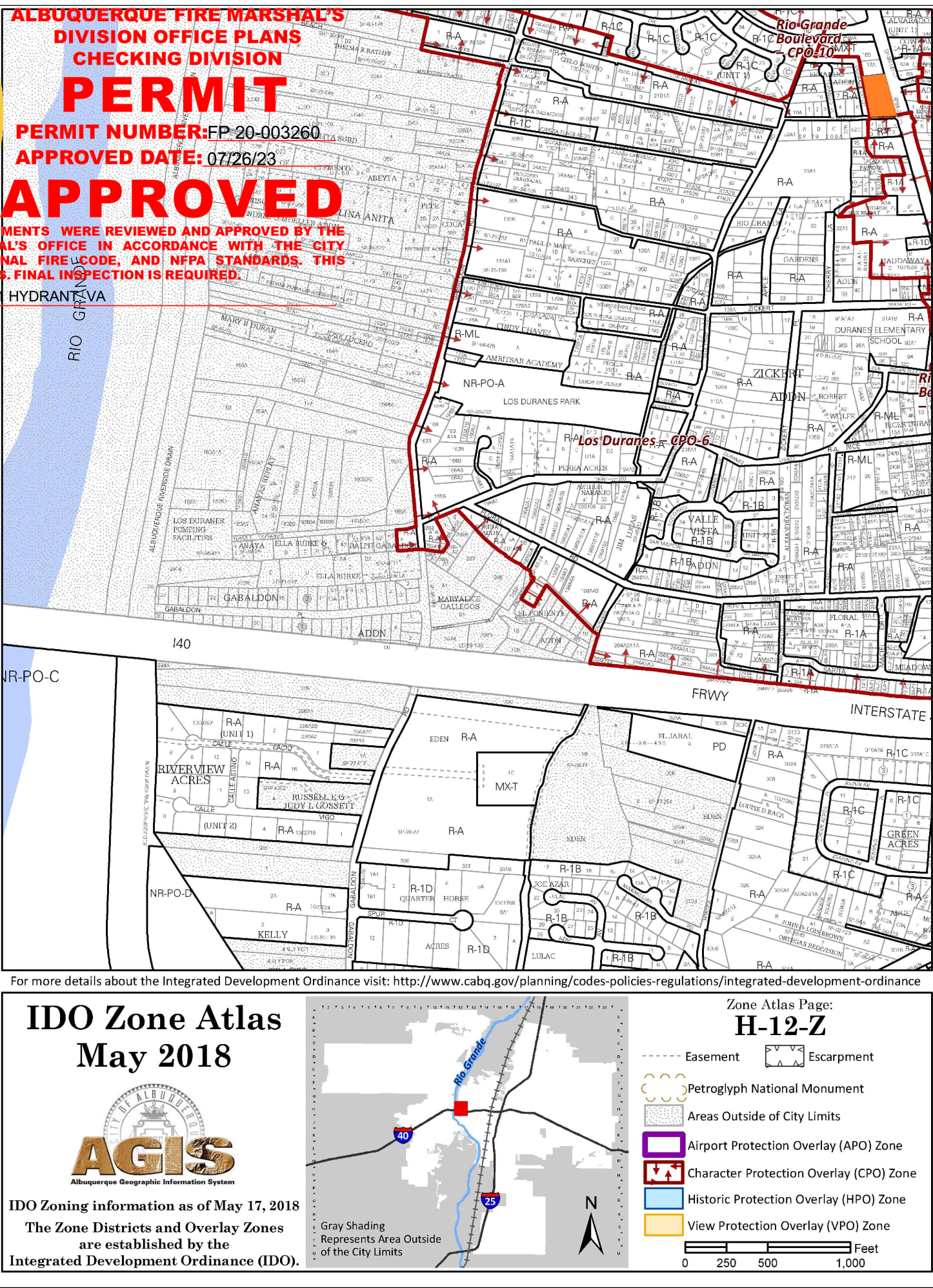
SCALE: NTS

FIRE 1 PLAN

SCALE: 1" = 20'-0"



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.

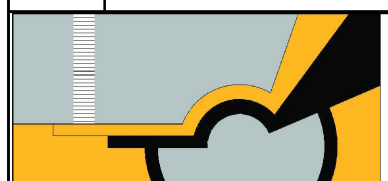
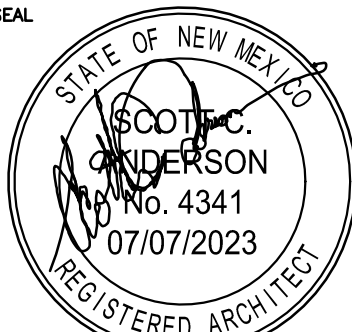


NOTE:
OVERHEAD OBSTRUCTIONS INDICATED AS "OHL" ON PLAN

FIRE CALCULATIONS

BUILDING HEIGHT = 36'-0", 3 STORY
TYPE V A (SPRINKLERED) CONSTRUCTION
HYDRANTS REQUIRED PER IFC TABLE C105.1 = 3 HYDRANT @ 450FT OC MAX
CONCRETE PAVING SHALL SUPPORT 75,000 LBS.

FIRE FLOW CALCULATION IFC 2015 APPENDIX B TABLE B105.1:
IFC B105.1 CONSTRUCTION TYPE V-A 36,937 SF = FLOW @ 3,250 GPM FOR 3 HOURS
IFC B105.2 SPRINKLER SYSTEM PROVIDED: 36,937 SF X 0.50 = 18,469: 2,500 GPM, 2 HR
IFC B105.2a MIN GPM = 1,500 FOR 2 HOURS

No	Revision	Item	Date
			
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RIO GRANDE APARTMENTS 2211 RIO GRANDE BLVD NW ALBUQUERQUE, NM 87104			
DRAWING TITLE			
FIRE 1 PLAN			
SEAL			
	DESIGNED	PROJECT NO	
	DRAWN	SCALE	
	CHECKED	DRAWING NO	
	REVIEWED	F-101	
	DATE 07/07/2023		