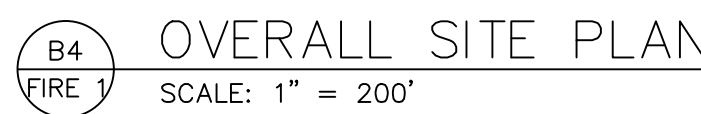


THE PROPOSED DEVELOPMENT FOR KAIROS POWER INVOLVES TWO LAND USE REVIEWS. THE INFORMATION AND DRAWINGS INCLUDED IN THIS SUBMITTAL PACKAGE HAVE BEEN PROVIDED FOR A SITE PLAN, MAJOR AMENDMENT, REVIEW BY THE DEVELOPMENT FACILITATION TEAM (DFT). THE SCOPE OF THIS SUBMITTAL INCLUDES THE SITE PREPARATION, BASIC UTILITIES AND SEVERAL NEW DETACHED BUILDINGS. THE PROPOSED BUILDINGS ARE AN EXPANSION TO THE EXISTING KAIROS POWER CAMPUS AND ARE TO BE USED FOR LIGHT MANUFACTURING.

APPROXIMATELY 12 METAL BUILDINGS WILL BE CONSTRUCTED TO SUPPORT SALT PRODUCTION. THE PRE-ENGINEERED METAL BUILDINGS WILL HOUSE THE MANUFACTURING PROCESS. PIPE STANDS AND TANKS WILL BE LOCATED AROUND THESE BUILDINGS TO TRANSFER MATERIALS BETWEEN THE BUILDINGS DURING THE PROCESS. EQUIPMENT PADS THAT SUPPORT VARIOUS TANKS AND THE PROCESS EQUIPMENT WILL BE LOCATED SEVERAL HUNDRED FEET FROM THE SOUTH PROPERTY LINE.

FDC-1 TO EXISTING HYDRANT :	99'-0"
FDC-2 TO HYDRANT MONITOR HM-6:	53'-0"
FDC-3 TO HYDRANT MONITOR HM-8:	62'-4"

NOTE: THE LARGEST BUILDING WITH FIRE DEMAND IS THE EXISTING BUILDING, WHICH IS 168,288 SF INCLUDING ALL ADDITIONS. THE CONSTRUCTION TYPE FOR THIS BUILDING IS TYPE IIB, WHICH IS FOR METAL FRAMED BUILDINGS. PER TABLE B105.1(2) IN APPENDIX B OF THE 2021 INTERNATIONAL FIRE CODE, THE REQUIRED FIRE FLOW AT 8,000 GPM FOR BUILDINGS 138,301SF AND LARGER. 50% REDUCTION APPLIES TO FULLY SPRINKLERED BUILDINGS. THE EXISTING BUILDING AND ADDITION IS FULLY SPRINKLERED. MAXIMUM DEMAND IS 4,000 GPM. NO INCREASE FROM THE EXISTING DEMAND



The stamp is a red and black Maltese cross. Inside the cross, there is a circular emblem. The emblem features a scale of justice on the left, a hot air balloon in the center, and a city skyline on the right. The text 'FIRE MARSHAL'S OFFICE' is written in a circle around the emblem. Below the emblem, it says 'ALBUQUERQUE FIRE RESCUE'. To the right of the cross, the text 'ALBUQUERQUE FIRE MARSHAL'S DIVISION OFFICE PLANS CHECKING DIVISION' is written in black. Below this, the word 'PERMIT' is written in large, bold, black letters. Underneath 'PERMIT', it says 'PERMIT NUMBER: FP-25-100026' and 'APPROVED DATE: 04/30/2025'. At the bottom, the word 'APPROVED' is written in large, bold, black letters. Below the stamp, there is a paragraph of text: '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.' At the very bottom, it says 'FIRE FLOW: 2000 GPM, 2 HYDRANTS.'

