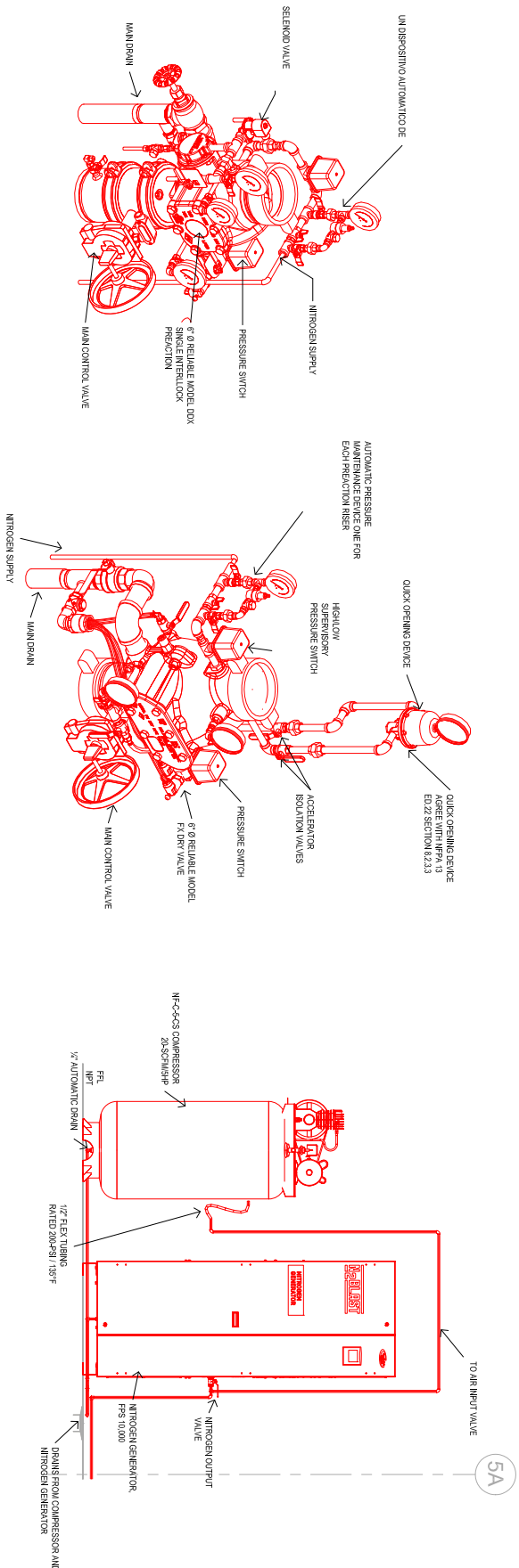


1 FIRE PROTECTION BUILDING 01 - RISERS ROOM PLAN VIEW

2 FIRE PROTECTION BUILDING 01 - RISERS ROOM ISOMETRIC VIEW

3 FIRE PROTECTION BUILDING 01 - MANIFOLD



4 PREACTION VALVE

5 DRY VALVE

6 NITROGEN GENERATOR AND COMPRESSOR

RISER NOTES			
1.	ALL INSTALLATIONS SHALL COMPLY WITH THE CODES AND LOCAL REGULATIONS.		
2.	FOR PRE SERVICE APPLICATIONS, THE SYSTEM SHALL BE TESTED AND APPROVED.		
3.	PROVIDE TWO INCH MAIN DRAIN VALVE AT RISER VALVE AND EXTEND PIPING TO SAFE DISCHARGE, PROVIDING AUXILIARY DRAINS WITH BRASS FLUS WHERE NECESSARY. PIPING AT LOADING UNITS WHERE WATER OVERFLOWS SHALL BE DRAINAGE TO THE STREET OR TO A SAFE DISCHARGE.		
4.	ALL DRAIN PIPING AND FITTINGS DOWNSTREAM OF DRAIN VALVE SHALL BE GALVANIZED, CATCH RELIEF VALVE TRAP SETTING LOCATED UPSTREAM OF RISER CHECK VALVE. THIS RELIEF VALVE ALSO CAN BE INSTALLED ON THE TEST & DRAIN VALVE LOCATION, ONLY FOR WET SYSTEM.		
5.	SET PIPE SIZES AS REQUIRED, SPACE BETWEEN SLEEVE AND PIPE SHALL BE FILLED WITH NON-COMBUSTIBLE MATERIAL.		
6.	PROVIDE PROPER PIPE SUPPORTS AT 10' MAX SPACING.		
7.	FLUSHING PROCEDURE SHALL BE CONDUCTED BEFORE CONNECT THE RISER TO THE SPRINKLER SYSTEM.		
TOTAL AIR VOLUMEN SYSTEMS			
SYSTEM NUMBER	VOLUMEN (GALLONS)	ESTIMATED VOLUMEN (GALLONS)	
#2 ROOF LEVEL	388	750	
#3 LEVEL 1	650	750	
#4 ROOF LEVEL	524	2,540	
#5 ROOF LEVEL	905		
#6	571		
INSTALLATION SCOPE	3,828	6,188	
TOTAL AIR VOLUMEN SYSTEMS			
SYSTEM NUMBER	VOLUMEN (GALLONS)	ESTIMATED VOLUMEN (GALLONS)	
#2 ROOF LEVEL	388	750	
#3 LEVEL 1	650	750	
#4 ROOF LEVEL	524	2,540	
#5 ROOF LEVEL	905		
#6	571		
INSTALLATION SCOPE	3,828	6,188	

THE SCOPE OF THE INSTALLATION INCLUDES THE PREACTION SYSTEMS, SYSTEMS IN TWO LEVELS, SYSTEMS IN #4 AND #5 ONLY ROOF LEVEL, AND THE DRY SYSTEMS, SPRINKLER DISTRIBUTIONS WERE MADE AT LEVEL 1, WITH HYDRAULIC AND AIR VOLUME CALCULATIONS TO ESTIMATE OR EVALUATE THE CAPACITY OF THE NITROGEN GENERATOR FOR THE FOLLOWING STAGES.

CONTRACTOR TO OBTAIN THE CONTRACTOR OF THE NITROGEN GENERATOR FOR THE FOLLOWING STAGES.

THE CONTRACTOR OF THE NITROGEN GENERATOR SHALL BE RESPONSIBLE FOR THE EVALUATION OF THE CAPACITY OF THE NITROGEN GENERATORS SUFFICIENT ACCORDING TO THE CONSERVATION OF EACH STAGE.

THE LICENSED PROFESSIONAL SEAL AFFIXED TO THIS SHEET APPLIES ONLY TO THE MATERIAL AND ITEMS SHOWN ON THIS SHEET. ALL DRAWINGS, INSTRUMENTS OR OTHER MATERIALS, SPECIFICATIONS, NOTES, OR ANY OTHER INFORMATION, INCLUDING BUT NOT LIMITED TO, PROFESSIONAL AND THIS PROFESSIONAL EXPRESSLY DISCLAIMS ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES, INCLUDING BUT NOT LIMITED TO, SPECIAL DAMAGES, CONSEQUENTIAL DAMAGES OR DAMAGES FOR DOCUMENTS NOT EXHIBITING THIS SEAL.				
DESIGNER:	30-MAY-2022	PROJECT NO:	0005794	
MARK	DATE	ENGINEER:		
		DESCRIPTION		
<b>CONCRETE REPAIR/REINFORCEMENT.</b> This is a design document and it designs, details, provisions or specifies the construction of concrete repair and reinforcement. It is not a construction document, it defines the work to be done, it does not specify the materials, methods, or sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of the contractor to provide the materials, methods, and sequence of construction. It is the responsibility of				