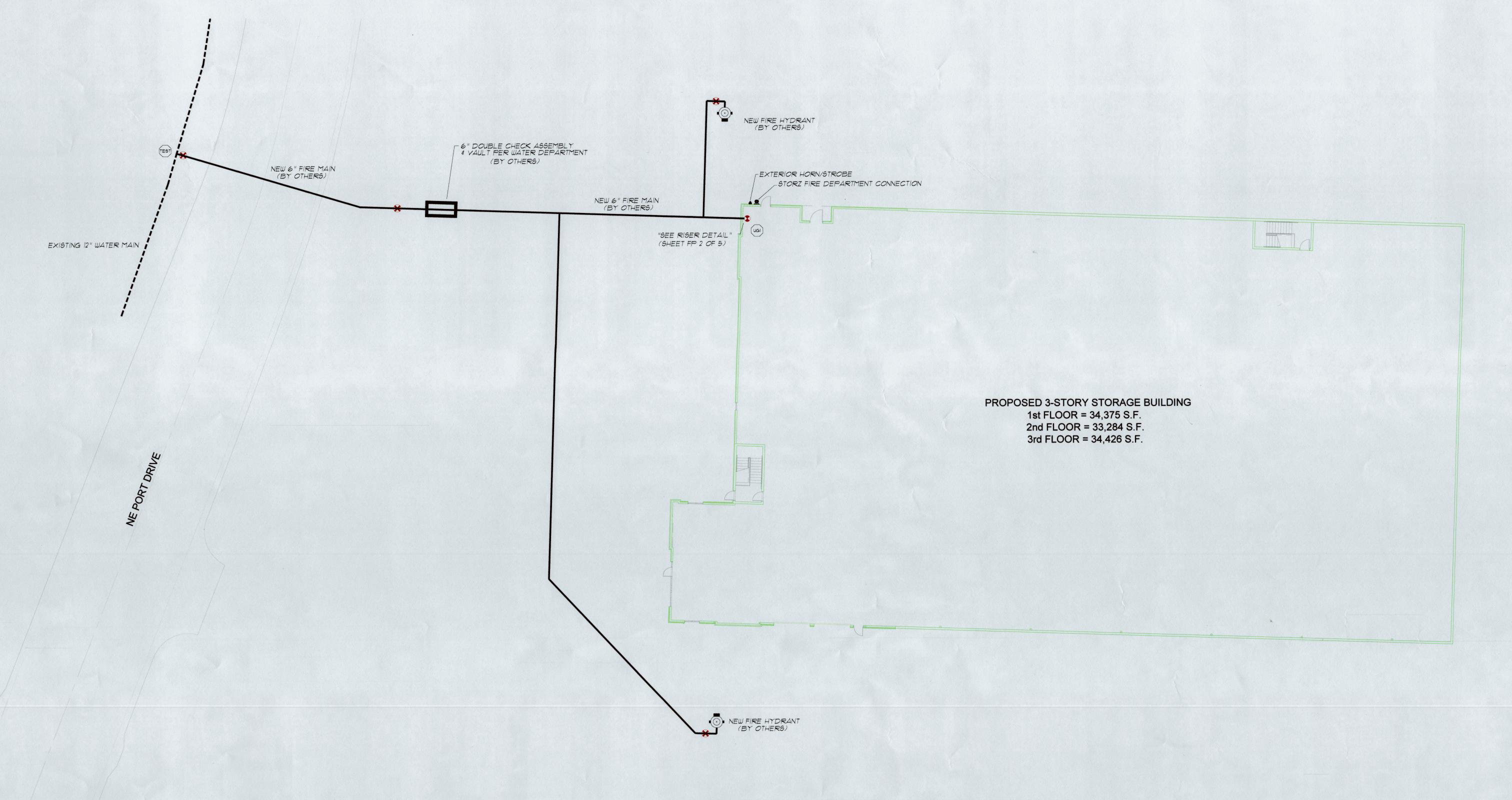
LAKEVIEW SELF STORAGE 4101 NE PORT DRIVE LEE'S SUMMIT, MISSOURI



STATIC PRESSURE: RESIDUAL PRESSURE: PITOT PRESSURE IF AVAILABLE: 2 1/2 inch HYDRANT NOZZLE DIAMETER: HYDRANT NOZZLE BUTT COEFFICIENT: WATER FLOW @ RESIDUAL PRESSURE: 2100 gpm PROVIDED BY: CITY OF LEES SUMMIT DATE: AUGUST 17, 2023 TIME: 10:20 am



LAKEVIEW SELF STORAGE - OVERALL SITE PLAN

SCALE: 1" = 20'-0"

GENERAL NOTES

PIPING IS INSTALLED.

1. ALL ELECTRICAL WIRING BY OTHERS. 2. ALL UNDERGROUND PIPE INSTALLED BY OTHERS 3. FIRE SPRINKLER SYSTEM SHALL BE MONITORED IN AN APPROVED MANNER. MONITORING OF SYSTEM IS THE RESPONSIBILITY OF THE OWNER. 4. PFS FIRE IS TO PROVIDE ALL NECESSARY SIGNS FOR IDENTIFYING DEVICES & HYDRAULIC DATA. 5. OWNER TO MAINTAIN ADEQUATE HEAT WHERE WET SYSEM

FIRE PROTECTION MATERIALS 1. ALL COMPONENTS TO BE U.L. LISTED. 2. ALL HANGERS TO BE PER NFPA-13, 2013. 3. ALL PIPE 2" AND SMALLER WITH THREADED ENDS AND BLACK THREADED FITTINGS SHALL BE BLACK SCH. 40. 4. ALL PIPE 14" AND LARGER GROOVED ENDS AND LISTED GROOVED FITTINGS SHALL BE BLACK SCH. 10. 5. DROPS TO BE 1" BLACK SCH. 40 AND CUT ON THE JOB FIT FINISHED HARDLID CEILINGS WHERE APPLICABLE. 6. PROVIDE APPROVED FIRESTOPPING WHERE PIPE PENETRATES

FIRE RATED FLOORS, WALLS & CEILINGS.

APPLICABLE CODE REQUIREMENTS BUILDING USE - SELF STORAGE GROUP S-1 BUSINESS GROUP B TYPE OF CONSTRUCTION - TYPE IIB 2018 INTERNATIONAL BUILDING CODE (IBC) 2018 INTERNATIONAL FIRE CODE (IFC) NFPA 13 - 2016 EDITION BUILDING IS FULLY SPRINKLERED

DESIGN CRITERIA DESIGN CRITERIA NOTED INDIVIDUALLY SEE INDIVIDUAL HYDRAULIC DEMAND BLOCKS FILE NAME: SAMPLE - AREA X
HAZARO: OCCUPANCY CLASSIFICATION
DENSITY DESIGN AREA: XX gpm / XX sq. ff.
AREA FER SPRINLER: QUANTITY
K-FACTOR: XX HOSE Allouince: XX gpm
RESDUAL PGI REQ 9 BOR: XXXX gpm
GPM REQ. 9 BOR: XXXX gpm

SYMBOLS 4-5%" CONTROL MEASUREMENT → (9'-8") PIPE ELEVATION HEIGHT [Ceiling 9'-8"] CEILING HEIGHT ELEVATION PIPE RISE PIPE DROP BRANCH LINE NUMBER MAIN NUMBER COMMON CONNECTION 2-WAY EARTHQUAKE BRACE SP 4-WAY EARTHQUAKE BRACE TOB → PIPE HANGER → CAP (THR'D OR GRY'D) SYSTEM RISER

ABBREVIATIONS Bottom of Beam
Bottom of Deck
Bottom of Pipe
Below Top of Steel
Fire Hose Valve
Nipple and Cap Not in Contract
Not to Scale
Open Bar Joist
Pressure Red, Valve
Roof Manifold
Standpipe
Top of Beam
Top of Pipe

IMPORTANT IN LOCALITIES SUBJECT TO FREEZING CONDITIONS, THE OWNER MUST MAINTAIN
HEAT THROUGHOUT WET PIPE SPRINKLER SYSTEMS AREAS, AND IN ENCLOSURES
WHERE DRY PIPE, DELUGE OR OTHER VALVES CONTROLLING WATER SUPPLIES TO
SPRINKLER SYSTEMS ARE LOCATED. THIS DRAWING, THE INFORMATION AND DESIGN APPLICATION HEREIN CONTAINED INFORMATION CONTAINED HEREIN SHALL BE TREATED AS CONFIDENTIAL.

REPRODUCTION OF THIS DRAWING OR ANY PART THEREOF, REQUIRES WRITTEN

CONSENT FROM PERFORMANCE FIRE SYSTEMS LLC.

SPRINKLERS/NOZZLES SYMBOL COUNT ORIENTATION FINISH TEMP. K-FACTOR NPT ORIFICE MANUFACTURER MODEL . ESCUTCHEON SIN . DRAWN BY: Submitted for Approval 9/10/2023 A.Aadahl CONTRACT NO: STRICKLAND CONSTRUCTION
120 S ROGERS ROAD SUITE B
CONTRACTOR: OLATHE, KANSAS 66062 LS-Ø1-23 CONTACT: TRACIE WILSON 9/10/2023 VOICE: (913) 747-7214 TOTAL QUANTITY OF SPRINKLERS ON SHEET:

SUBMITTAL DRAWING PERFORMANCE FIRE SYSTEMS LLC 11425 WEST 59th STREET SOUTH OKLAHOMA LICENSE #427092 Phone: (918) 630-7344 Fax: (539) 217-1167

SHEET DESCRIPTION: HOUSEHOLD STORAGE

STRICKLAND CONSTRUCTION

CONTRACT WITH:

LAKEVIEW SELF STORAGE 4101 NE PORT DRIVE LEE'S SUMMIT, MISSOURI

DRAWING NO. FP - 1 of 5



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