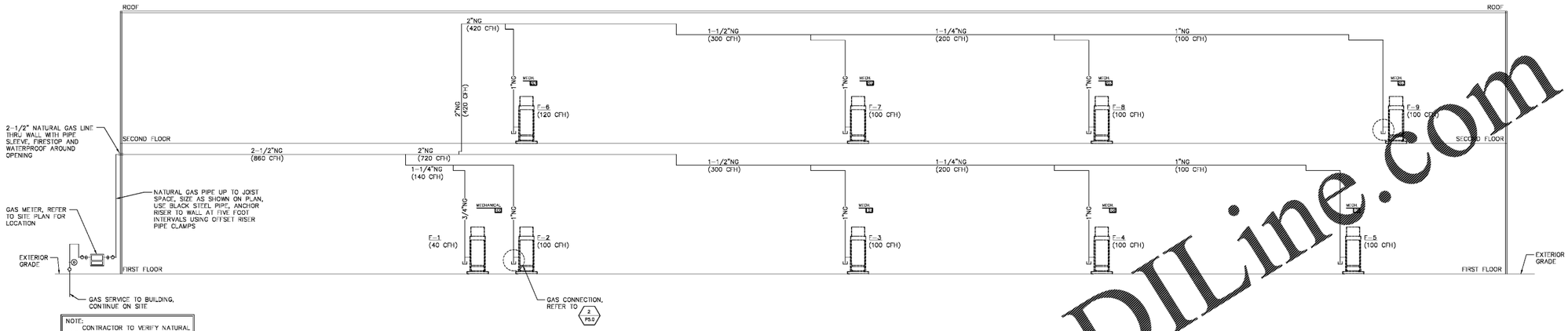
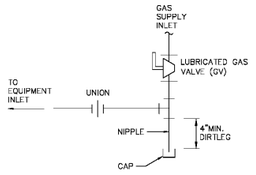


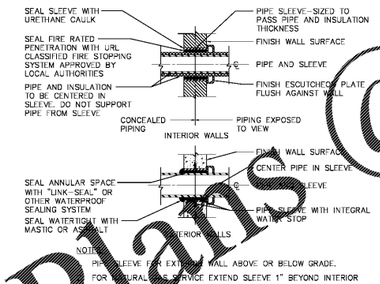
NOTE:
CONTRACTOR TO VERIFY NATURAL GAS LINE SIZE AND PRESSURE TO BUILDING WITH LOCAL NATURAL GAS PROVIDER PRIOR TO WORK START-UP.

1 P5.0 GAS RISER DIAGRAM
SCALE: NONE



NOTE:
TYPICAL GAS CONNECTION FOR FURNACES.

2 P5.0 GAS CONNECTION DETAIL
SCALE: NONE



NOTE:
PIPE SLEEVE FOR EXTERIOR WALL ABOVE OR BELOW GRADE.
FOR NATURAL GAS SERVICE EXTEND SLEEVE 1" BEYOND INTERIOR FACE OF WALL & BEYOND EXTERIOR FACE OF WALL.

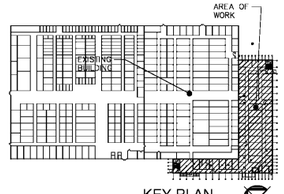
3 P5.0 PIPE SLEEVE THRU WALL
SCALE: NONE

BUILDING GAS LOADS

FURNACE UNITS	BTU INPUT LOAD
FURNACE-1	40,000
FURNACE-2	100,000
FURNACE-3	100,000
FURNACE-4	100,000
FURNACE-5	100,000
FURNACE-6	120,000
FURNACE-7	100,000
FURNACE-8	100,000
FURNACE-9	100,000
CONNECTED EQUIPMENT TOTAL (BTUH INPUT)	860,000
	(860 CFH)

NOTES

1. PROVIDE GAS VALVE, DIRT LEG, AND UNION AT EACH UNIT.
2. PAINT ALL EXPOSED GAS PIPING (1) COAT PRIMER (2) COATS YELLOW FINISH. (EXPOSED TO OUTSIDE)
3. GAS SIZING BASED ON MINIMUM GAS PRESSURE OF 4" TO 9" WC DOWNSTREAM OF GAS METER WITH A PRESSURE DROP OF 1.0 AND A TOTAL LENGTH OF 500'-0".
4. REFER TO 2/P5.0 FOR GAS LINE CONNECTION TO EQUIPMENT.
5. PLUMBING CONTRACTOR TO COORDINATE INSTALLATION OF MAIN GAS SERVICE TO BUILDING WITH GAS COMPANY. PROVIDE ALL COST FOR GAS CONNECTION FROM GAS MAIN TO GAS METER SETTING WITH PLUMBING BID. COORDINATE WITH LOCAL GAS COMPANY FOR PRICING.



KEVIN R. O'DONNELL, PE
10225 Main Street
Clarence, New York 14031
Phone: (716) 803-8787
Fax: (716) 407-0552
Project # 20-11-02

tmm architect
matthew p. mancuso, aia
6744 bay meadows drive
suite 340, east
orchard park, new york 14127
716.662.4540
716.662.4760 fax

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LIFE STORAGE, INC.
Life Storage #497
5800 Brookshire Blvd. · Charlotte, NC 28216

ISSUE	DATE	REMARKS
2	11/18/2021	ISSUED FOR CLIENT REVIEW
3	18/MAR/2021	ISSUED FOR BID

MECHANICAL PLAN

DRAWN BY: KVO
SCALE: AS NOTED
DATE: 14SEP2020
JOB NUMBER: 3771
SHEET NUMBER: P5.0

plotted: Thursday, March 18, 2021

Order Plans @ WWW.LDILine.com