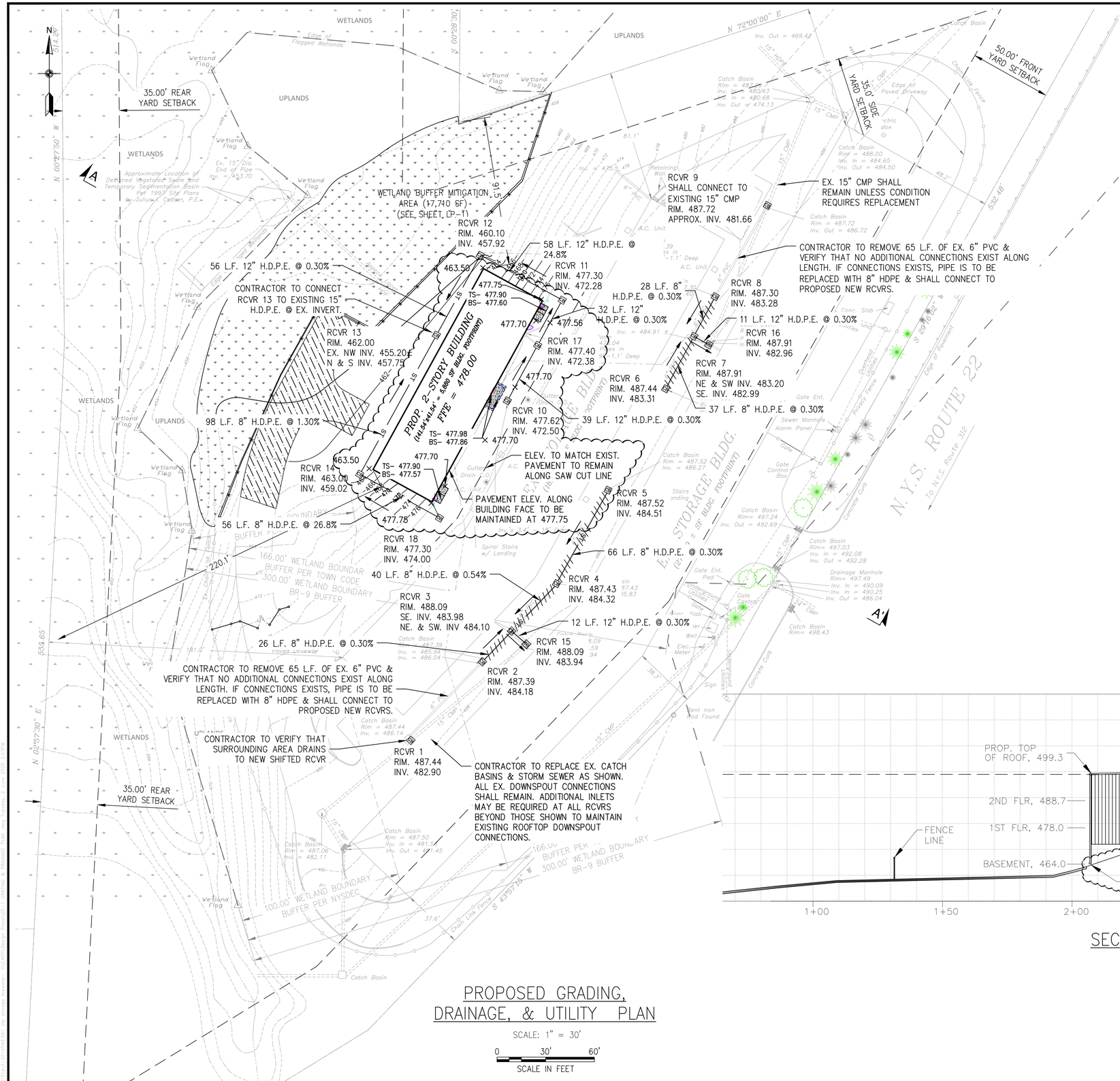


PROPOSED GRADING, DRAINAGE, & UTILITY PLAN

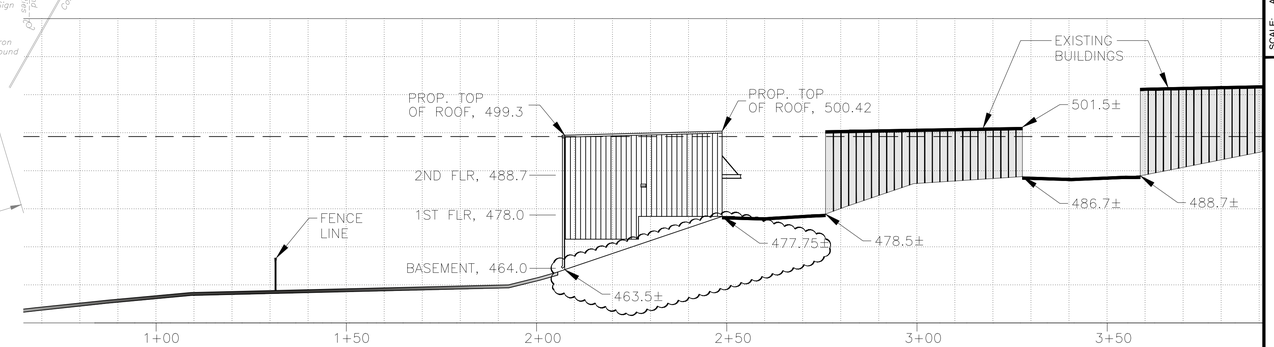
SCALE: 1" = 30'

0 30' 60'

SCALE IN FEET

NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SOUTHEAST CONSTRUCTION SPECIFICATIONS AND DETAILS.
2. ///// BACKFILL WITH MECHANICALLY TAMPED SELECT MATERIAL IN MAXIMUM SIX INCH LIFTS.
3. HIGH DENSITY POLYETHYLENE PIPE (HDPE) SHALL MEET AASHTO M294 SPECIFICATIONS OR APPROVED EQUAL.
4. THE CONTRACTOR IS TO VERIFY EXACT DEPTHS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
5. CONTRACTOR TO AVOID DISRUPTION TO EXISTING DRIVEWAYS AND AISLES AS MUCH AS POSSIBLE. ADDITIONAL PAVEMENT BLENDING MAY BE REQUIRED BEYOND PROPOSED LIMITS BASED ON EXISTING AND PROPOSED GRADES. CONTRACTOR TO COORDINATE WITH OWNER REGARDING CONSTRUCTION SCHEDULE.
6. CONTRACTOR SHALL REPLACE ANY EXISTING PAVEMENT DAMAGED DURING CONSTRUCION.
7. REPLACE ALL DEMOLISHED/REMOVED PAVEMENT WITH NEW PAVEMENT PER DETAIL ON SHEET NO. SD-1.
8. NO WORK IS TO BE PERFORMED OUTSIDE OF EX. CHAIN-LINK FENCE UNLESS NOTED.
9. CONTRACTOR SHALL MAINTAIN ALL EXISTING DOWNSPOUT DRAINAGE CONNECTIONS WITHIN THE PROPOSED STORM SYSTEM. ADDITIONAL CONNECTIONS MAY EXIST BEYOND WHAT IS SHOWN.
10. CONTRACTOR TO SECURE & PROTECT THE PROJECT/CONSTRUCTION SITE.
11. CONTRACTOR TO INVESTIGATE CONDITION OF THE EXISTING RCVR LOCATED AT PROPOSED RCVR 10 LOCATION AND IF POSSIBLE MAY FILL WITH LIGHTWEIGHT CONCRETE INSTEAD OF REPLACING WITH NEW RCVR. CONTRACTOR TO PLUG NW INVERT AND FILL WITH LIGHTWEIGHT CONCRETE AS NEEDED TO PROVIDE 1 FOOT MINIMUM SUMP PRIOR TO THE DISCHARGE INLET ELEVATION.
12. CONTRACTOR TO COMPLETE SMOKE TEST ON THE LOWEST INCOMING PIPE ENTERING RCVR 10 FROM THE NORTH, WHICH IS AT AN INVERT ELEVATION OF APPROXIMATELY 460.1. ASSUMING THIS IS A ROOF DRAIN CONNECTION, THIS DRAIN SHALL BE REROUTED VERTICALLY TO OUTFALL INTO RCVR 10, 17 OR 11. IN THE EVENT THE SOURCE OF THE LINE CANNOT BE TRACED THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR DIRECTION.



SECTION A-A'

NOTE:
CONTRACTOR SHALL MAINTAIN ACCESS FOR PATRONS, EMPLOYEES AND EMERGENCY SERVICE VEHICLES TO THE EXISTING STORAGE BUILDINGS. PROVIDE TEMPORARY FENCING AS NEEDED DURING CONSTRUCTION TO MAINTAIN A SECURED SITE.

Dig Safely. New York. Call 811 before you dig

Greenman-Pedersen, Inc.
Engineering and Construction Services
In Western New York:
BUFFALO (716) 633-4844 • ROCHESTER (585) 486-4859 • JAMESTOWN (716) 488-2803
GPI

STATE OF NEW YORK
GREENMAN PEDERSEN INC.
LICENSED PROFESSIONAL ENGINEER
No. 81

SCALE: AS NOTED	DRAWN BY: C.Y.
DATE: OCTOBER 18, 2019	CHECKED BY: T.W.
DWG NO.: GD-1	JOB NO.: BUF-2015049.041

REVISIONS:

NO.		BY	DATE
2	UPDATED ARCH. PLANS; EGRESS PADS	JDR	6/02/20
1	ADDED SECTION A-A'	CY	9/30/19

GD-1_GRADING & DRAINAGE PLAN

LIFE STORAGE, INC.
(SITE #230 BREWSTER)
TOWN OF SOUTHEAST - PUTNAM COUNTY, NY

SHEET NO.
07

WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 7209, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED.