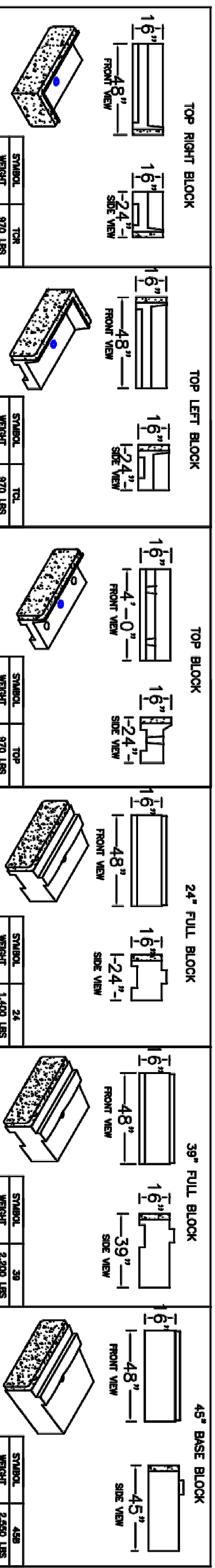
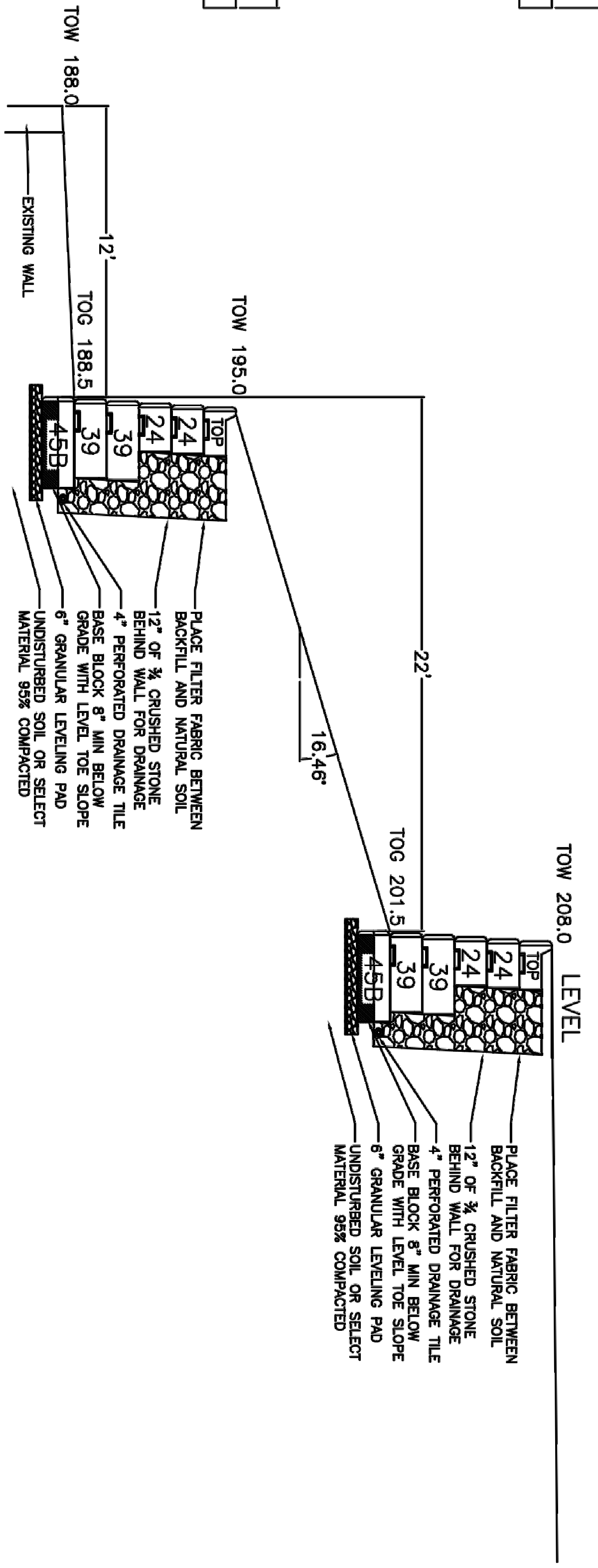


TOW - 208.00												
TCL	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TCR
24	24	24	24	24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24	24	24	24	24
39	39	39	39	39	39	39	39	39	39	39	39	39
45B	45B	45B	45B	45B	45B	45B	45B	45B	45B	45B	45B	45B
BOW - 200.00												

TOW - 195.00												
TCL	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TOP	TCR
24	24	24	24	24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24	24	24	24	24
39	39	39	39	39	39	39	39	39	39	39	39	39
45B	45B	45B	45B	45B	45B	45B	45B	45B	45B	45B	45B	45B
BOW - 187.00												



QTY	DESCRIPTION
26	TOP BLOCK
54	24" FULL BLOCK
46	39" FULL BLOCK
20	45" BASE BLOCK
2	TCL BLOCK
2	TCR BLOCK

RECON RETAINING WALL NOTES:

1. WALL CONSTRUCTION SHALL FULLY COMPLY WITH RECON WALL SYSTEMS SPECIFICATIONS AND INSTALLATION GUIDELINES.
2. UNDERDRAINS SHALL BE PERFORATED GEOTEXTILE WRAPPED, 4" DIAMETER, AND SHALL MEET THE REQUIREMENTS OF AASHTO M252 AND/OR ASTM F949. UNDERDRAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DRAINS NOT SPECIFIED TO TIE INTO THE SITE DRAINAGE SHALL DRAIN TO DAYLIGHT.
3. RETAINED SOIL SHALL BE DETERMINED TO MEET OR EXCEED THE REQUIREMENTS BELOW IN THE ABSENCE OF A GEOTECHNICAL ENGINEERING STUDY. SOILS NOT MEETING THESE REQUIREMENTS SHALL BE EXCAVATED AND REPLACED WITH ACCEPTABLE SOILS.
4. EXISTING WALL ALONG LAKESIDE TO BE EVALUATED FOR STABILITY BY OTHERS
5. GLOBAL STABILITY ANALYSIS BY OTHERS RECOMMENDED. (REQUIRES SOIL EVALUATION)
6. LEVELING PAD SHALL BE 3/4 CRUSHED STONE WITH NO MORE THAN 5% PASSING A #200 SIEVE.
7. SELECT BACKFILL SHALL BE FREE-DRAINING, WELL GRADED SAND/GRAVEL AND SHALL MEET OR EXCEED THE REQUIREMENTS BELOW. MIRA1 140N OR APPROVED EQUAL FILTER FABRIC SHALL BE PLACED BETWEEN ALL INTERFACES OF DRAINAGE MATERIAL AND VIRGIN AND/OR SILTY MATERIALS. EXPOSED DRAINAGE STONE SHALL BE PROTECTED FROM FINE SOIL MIGRATION THROUGHOUT CONSTRUCTION.
8. ALL BACKFILL AND FOUNDATION SOIL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR (ASTM D698). ONLY HAND-OPERATED COMPACTION EQUIPMENT SHALL BE ALLOWED WITHIN 3 FEET OF THE BACK OF THE WALL BLOCKS. BACKFILL AND COMPACT THE FILL MATERIAL BEHIND THE WALL AS THE WALL IS INSTALLED. SPREAD BACKFILL IN UNIFORM LIFTS NOT EXCEEDING 8 INCHES. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. CONTRACTOR SHALL ENSURE THAT FOUNDATION SOIL IS CAPABLE OF SUPPORTING THE WALL.
9. THE FOLLOWING SOIL PROPERTIES WERE USED IN THE DESIGN:

RETAINED SOIL	SOIL WEIGHT [PSF]	FRICITION ANGLE [DEG]
FOUNDATION SOIL	120	34
LEVELING PAD	125	40
10. ENSURE THAT THE FIRST COURSE OF WALL UNITS IS IN FULL CONTACT WITH FOUNDATION. INSTALL NEXT COURSE OF UNITS SUCH THAT THE VERTICAL GAPS ARE STAGGERED BETWEEN ADJACENT COURSES. GAPS SHALL BE FILLED WITH FREE-DRAINING GRAVEL PRIOR TO STARTING THE NEXT COURSE.
11. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EXCAVATIONS ARE STABLE AND MEET OSHA REQUIREMENTS.
12. PROPOSED LAYOUT MUST BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. DESIGN BASED ON APPROXIMATE FIELD MEASUREMENTS FOR ESTIMATING PURPOSES.

K/SHEA CONCRETE PRODUCTS
 773 Salem Street
 P.O. Box 520
 Wilmington, MA 01887

800-696-7432 (SHEA)
 www.shaacconcrete.com
 87 Haverhill Road
 P.O. Box 807
 Amesbury, MA 01913

160 Old Turnpike Road
 Nottingham, NH 03290

BOON LAKE STOW MA

PRELIMINARY DESIGN NOT FOR CONSTRUCTION

L.C. 8-13-2020

