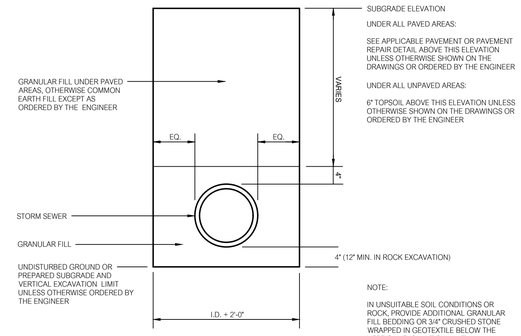
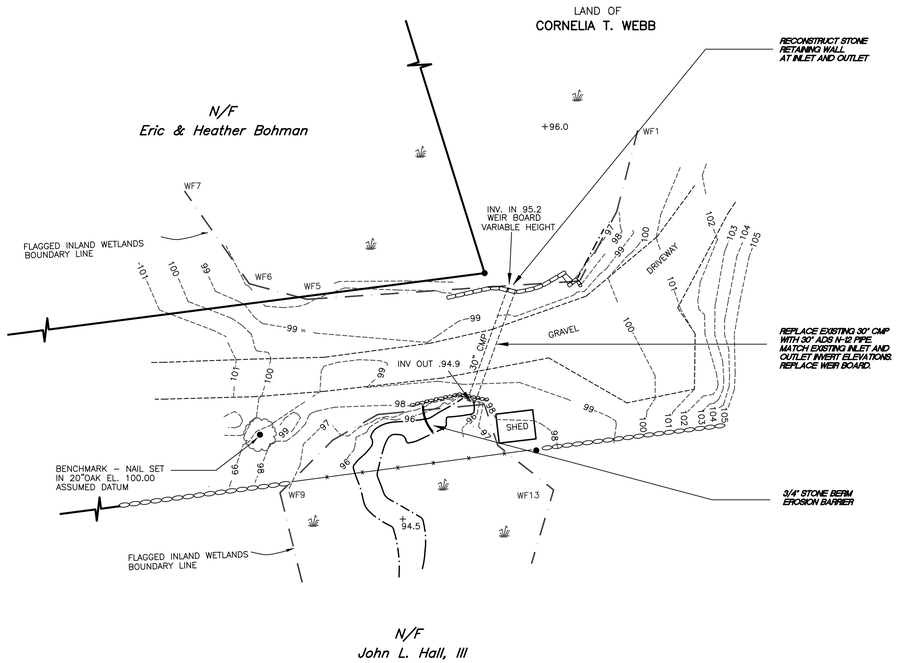
DATE	REVISIONS	CK.



SECTION

STORM SEWER TRENCH
NOT TO SCALE



General Notes:

1. Owner/Applicant: Cornelia Webb
   320 West End Ave.
   Apt. 15B
   New York, NY 10023

2. Property address and identity: 394 East Pond Meadow Rd.
   Assessor's Map 132 Lot 010

3. Wetlands were identified/flagged by Richard Snarski, CPSS, Wetland Scientist and located by field survey.

4. a. Estimated area of temporary wetland disturbance: 50 sq. ft.
   b. Estimated area of upland review area temporarily disturbed: 200 sq. ft.
   c. No permanent fill will be placed in wetland area.
   d. All work is within 100 ft. of identified wetlands.

5. Project description: Replaced damaged/aged 30" dia. CMP with 30" dia. ADS N-12 pipe in the same location and at the same elevation. Reconstruct the stone headwalls in-kind.

Construction Sequence and Erosion & Sedimentation Control Notes:

1. Contractor shall familiarize him/herself with a document entitled *Guidelines for Soil Erosion and Sediment Control, Connecticut (Guidelines)* latest revision. This document is available for review at the Westbrook Town Hall.

2. Obtain all necessary permits and approvals prior to any construction. Arrange preconstruction site meeting with Town representative(s) responsible for construction inspections to discuss project scheduling, inspections and erosion control implementation. As a minimum the Westbrook Wetland Enforcement Agent (WEA) shall be notified. Contractor shall contact *"Call Before You Dig"* to field mark utilities.

3. Construction Sequence: The following is a general sequence for work. The sequence may vary to accommodate site conditions and weather conditions. Note- In general, it is the intent to remove the existing 30" dia. CMP and replace it in-kind with a 30" dia. ADS pipe and reconstruct the stone headwalls in-kind.
   a. Place ¾" stone berm erosion control barrier across the existing flow channel down gradient from culvert outlet.
   b. Remove existing stone head walls at the pipe inlet and outlet. Stockpile stones for reuse.
   c. Excavate and remove existing 30" dia. CMP. Dispose of CMP off-site. Stockpile excavated soil for reuse if it is suitable. Otherwise dispose of off-site.
   d. Place the 30 " dia. ADS N-123 pipe as shown. Pipe inlet and outlet invert elevations to be the same as the removed CMP. Note: If deemed necessary, excavate sump at pipe inlet and pump water to stone berm erosion barrier so that work can be performed in dry conditions.
   e. Backfill with granular material and compact. Place granular material to finish grade in driveway travelway.
   f. Reconstruct stone headwalls and replace weir control at inlet.
   g. Topsoil, seed and mulch disturbed driveway shoulders.
   h. Remove stone berm erosion barrier.

4. Work shall be limited to low-flow conditions, August through November. It is estimated that work will take five (5) days maximum to complete. Contractor shall schedule work to avoid storm events if possible. Coordinate driveway closure with property owner.

5. Disturbed area shall be graded and stabilized. Exposed areas shall be stabilized by permanent seeding, mulching or landscaping in accordance with the *Guidelines* Chapter 5 Section 3 Vegetative Soil Cover & Section 4 Non-Living Soil Protection. (Note: Approved equals are acceptable.) Mulch as necessary with hay @ 90-120 lbs. (2-3 bales)/1000 sf.

6. The site contractor shall be responsible for maintaining erosion control measures. The site contractor shall provide the Westbrook WEA with a telephone number where he/she can be reached 24 hr./day, 7 days/week until final site stabilization.

7. Additional erosion and sedimentation control measures shall be installed during the construction period if deemed necessary or required by the Town representative/agency monitoring construction. Additional measures shall be installed within 24 hrs. notice or as directed

8. Construction materials and workmanship shall be in accordance with Conn. DOT *Form 817* requirements.
   A. Pipe- 30" dia ADS N-12 smooth interior pipe with bell and spigot joints.
   B. Granular fill- *Form 817* M.02.06 Grade A, except the top 8" depth of the driveway travelway Grade C.
   C. ¾" stone- *Form 817* M.01.01 No. 6.

9. Open trench shall not be left unattended during construction.

20 0 10 20 40

PROPOSED	=	Proposed improvement notation
99	=	Existing Contour
	=	Stone Retaining Wall
	=	Stone Wall
	=	Fence
WF13	=	Wetlands Flag
+ 94.5	=	Existing Spot Elevation

SEAL

THOMAS E. METCALF, P.E., L.S.
CIVIL ENGINEER & LAND SURVEYOR
16 WOODLAND ROAD DEEP RIVER, CONNECTICUT

PROPOSED CULVERT REPLACEMENT
ON LAND OF
CORNELIA T. WEBB
EAST POND MEADOW ROAD
WESTBROOK, CONNECTICUT

SCALE	DATE	IDENT. NO.
1"=20'	APRIL 17, 2020	19-1198