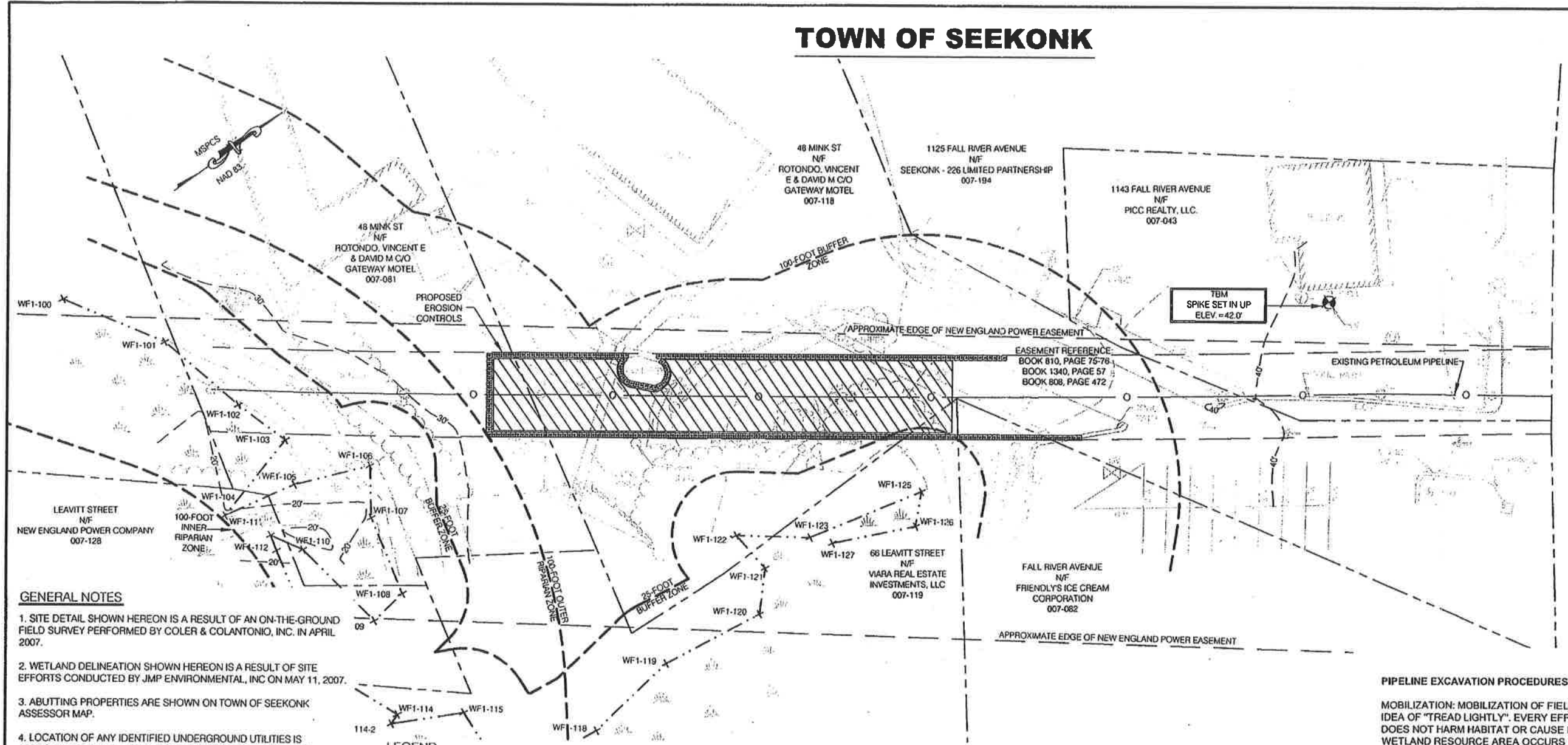
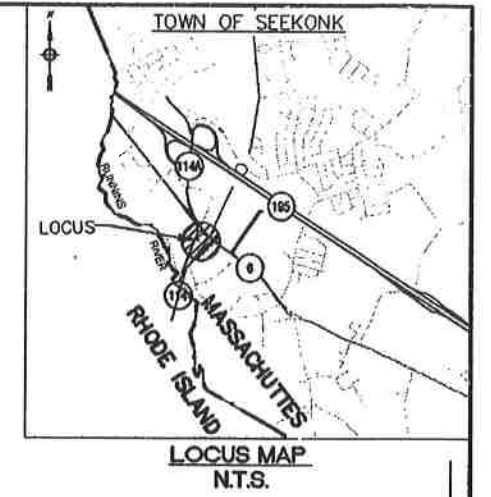


# TOWN OF SEEKONK



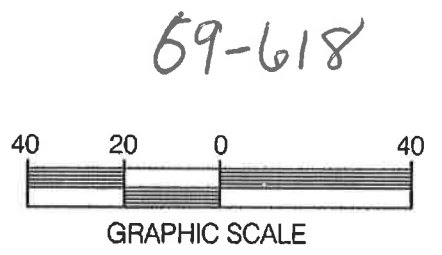
- GENERAL NOTES**
1. SITE DETAIL SHOWN HEREON IS A RESULT OF AN ON-THE-GROUND FIELD SURVEY PERFORMED BY COLER & COLANTONIO, INC. IN APRIL 2007.
  2. WETLAND DELINEATION SHOWN HEREON IS A RESULT OF SITE EFFORTS CONDUCTED BY JMP ENVIRONMENTAL, INC ON MAY 11, 2007.
  3. ABUTTING PROPERTIES ARE SHOWN ON TOWN OF SEEKONK ASSESSOR MAP.
  4. LOCATION OF ANY IDENTIFIED UNDERGROUND UTILITIES IS APPROXIMATE ONLY, AND IS NOT WARRANTED TO BE CORRECT. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT INDICATED ON THESE PLANS. ALL EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR FOR SERVICE, SIZE, INVERT ELEVATIONS, LOCATION, ETC. CONTRACTOR MUST NOTIFY DIG-SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION.
  5. SURVEY WAS CONDUCTED IN MASSACHUSETTS STATE PLANE, NAD83 HORIZONTAL COORDINATE SYSTEM. VERTICAL DATUM SHOWN HEREON IS BASED ON NAVD 88 AND IS THE RESULT OF AN ON-THE-GROUND SURVEY CONDUCTED BY COLER & COLANTONIO, INC., APRIL 2007. ELEVATIONS WERE TRANSFERRED TO THIS SITE VIA STATIC GPS SURVEY METHODS AND REFERENCED TO TEMPORARY BENCHMARKS AS SHOWN ON THE PLAN.
  6. PROPERTY LINES SHOWN HEREON ARE BASED ON TAX MAP LOCATION AND DO NOT REPRESENT A PROPERTY LINE RETRACEMENT SURVEY EFFORT.
  7. THE LOCUS LIES IN FIRM ZONE "C", DESCRIBED ON COMMUNITY PANEL NUMBER 250063 0010 A, EFFECTIVE DATE SEPTEMBER 5, 1979, PREPARED BY F.E.M.A.
  8. THE PURPOSE OF THIS PLAN IS TO IDENTIFY TO THE APPROPRIATE PERMITTING AGENCY THE PROPOSED LOCATION FOR PIPELINE INSPECTION EFFORTS AND ITS LOCATION RELATIVE TO EXISTING TOPOGRAPHICAL FEATURES.

**LEGEND**

EXISTING PETROLEUM PIPELINE	
PROPERTY LINE	
PERMANENT EASEMENT	
EDGE OF PAVEMENT	
EDGE WOODS	
OVERHEAD POWER	
CONTOUR LINE (2' INTERVAL)	
WETLAND EDGE	
100-FOOT WETLAND BUFFER ZONE	
Q STREAM	
STONE LINE	
WETLAND FLAG	
WETLAND	
UNKNOWN MANHOLE	
GAS VALVE	

COMMONWEALTH OF MASSACHUSETTS  
 NORMAN I. LIPSITZ  
 No. 28448  
 PROFESSIONAL LAND SURVEYOR  
 6-18-07

FOR PERMITTING PURPOSES ONLY



**PIPELINE EXCAVATION PROCEDURES FOR WETLAND RESOURCE AREA EXCAVATIONS**

**MOBILIZATION:** MOBILIZATION OF FIELD EQUIPMENT IS PERFORMED IN A MANNER USING THE IDEA OF "TREAD LIGHTLY". EVERY EFFORT IS MADE TO ENSURE THE MOBILIZATION PROCESS DOES NOT HARM HABITAT OR CAUSE LAND DEFORMATION. WHEN POSSIBLE, ACCESS TO THE WETLAND RESOURCE AREA OCCURS WHEN THE SITE CONDITIONS ARE AT THEIR DRIEST. IN THE EVENT SOIL CONDITIONS ARE SATURATED OR THERE IS STANDING WATER, PROTECTIVE MATTING IS LAID ACROSS THE ACCESS ROUTE AND MOVED WITH THE EQUIPMENT TO THE WORK AREA.

**EXCAVATION:** THE SIZE OF THE EXCAVATION IS LIMITED TO THE SECTION OF PIPE DUE FOR INSPECTION, BUT IS LARGE ENOUGH TO ALLOW PERSONNEL SAFE ACCESS. EXCAVATION SPOILS ARE PLACE CLOSE TO THE EXCAVATION IN A CONTROLLED AREA. THE TOPSOIL IS SEPARATED FROM THE EXCAVATION SPOILS AND RETURNED TO THE EXCAVATION LAST. STAKED STRAW BALES ARE PLACED AROUND THE ENTIRE EXCAVATION TO MINIMIZE MIXING OF SOILS AND WATER RUN OFF.

**WATER CONTROL:** WATER IS REMOVED FROM THE EXCAVATION AND PUMPED TO AN AREA OUTSIDE THE EXCAVATION ZONE. THE WATER IS FILTERED THROUGH HAY BALES PRIOR TO DISCHARGE IN ORDER TO MAINTAIN WATER QUALITY, PREVENT EROSION AND ELIMINATE SEDIMENT FROM BEING DISCHARGED INTO THE RESOURCE AREA.

**DEMOLIBIZATION:** UPON COMPLETION OF WORK, THE SITE IS RETURNED TO ORIGINAL CONTOURS. ALL EXCAVATION SPOILS ARE REPLACED IN KIND/ IN PLACE WITH IN THE EXCAVATION. EQUIPMENT IS REMOVED FROM THE SITE USING ORIGINAL PATH OF TRAVEL. BRUSH PILES AND PROTECTIVE MATTING ARE REMOVED LAST AND THE SITE IS CLEARED. EROSION CONTROL BARRIERS ARE REMOVED AFTER THE SITE IS STABILIZED. DISTURBED AREAS ARE RE-SEEDED WITH A SPECIFIC SEED MIX IF REQUIRED.

**EXCAVATION LOCATION:** THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXCAVATION SITE AND CHECK ALL FIELD MEASUREMENTS AND CONSTRUCTION STAKING BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL REPORT AND ALL DISCREPANCIES TO THE MOBIL PIPELINE COMPANY REPRESENTATIVE BEFORE CONSTRUCTION.

REVISIONS	
DATE	COMMENTS

**ExxonMobil Pipeline**

**EXXONMOBIL PIPELINE COMPANY**  
 STATION: 397+70 (2006-7)  
 WETLAND SITE SPECIFIC

DRAWN	DHF	DATE	06/07
CHECKED	JEO	DATE	06/07
SCALE:	AS NOTED		

**E. PROVIDENCE - SPRINGFIELD PRODUCTS**  
**E. PROVIDENCE - SPRINGFIELD S-243-1-2**  
**PIPELINE RECONDITIONING PROGRAM**  
**TLC: S243-1.2-L001**

PREPARED BY  
**COLER & COLANTONIO**  
 ENGINEERS AND SCIENTISTS  
 771-983-8400 137 James Park Drive  
 Foxboro, MA 02035-1000

**ANOMALY 2007-2**  
**S243-1.2-L001-001**