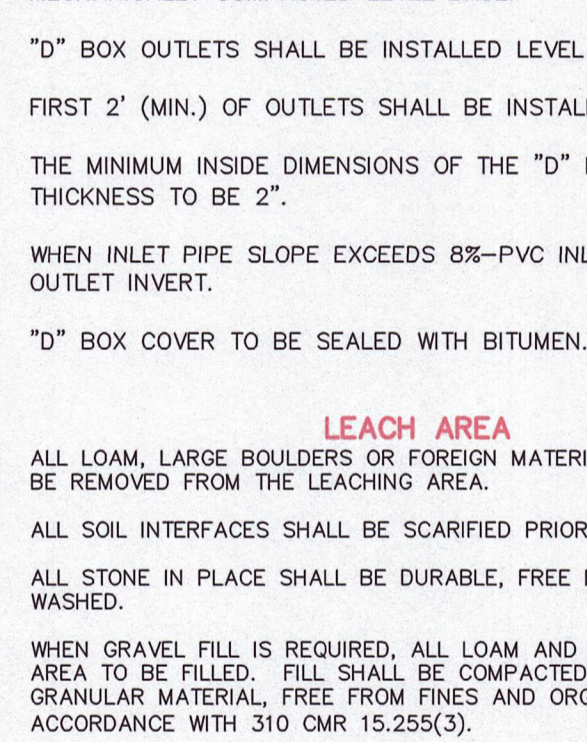
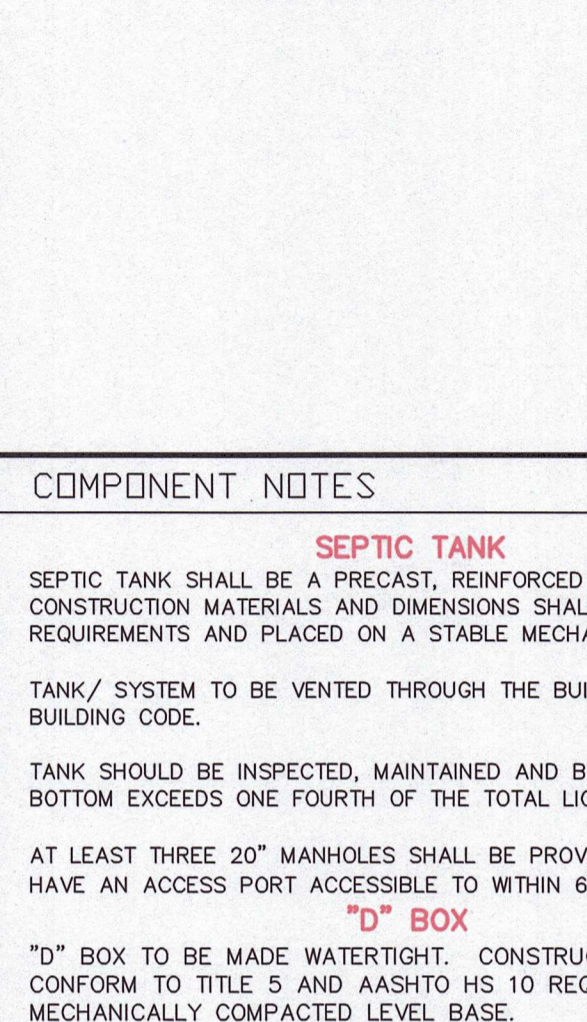
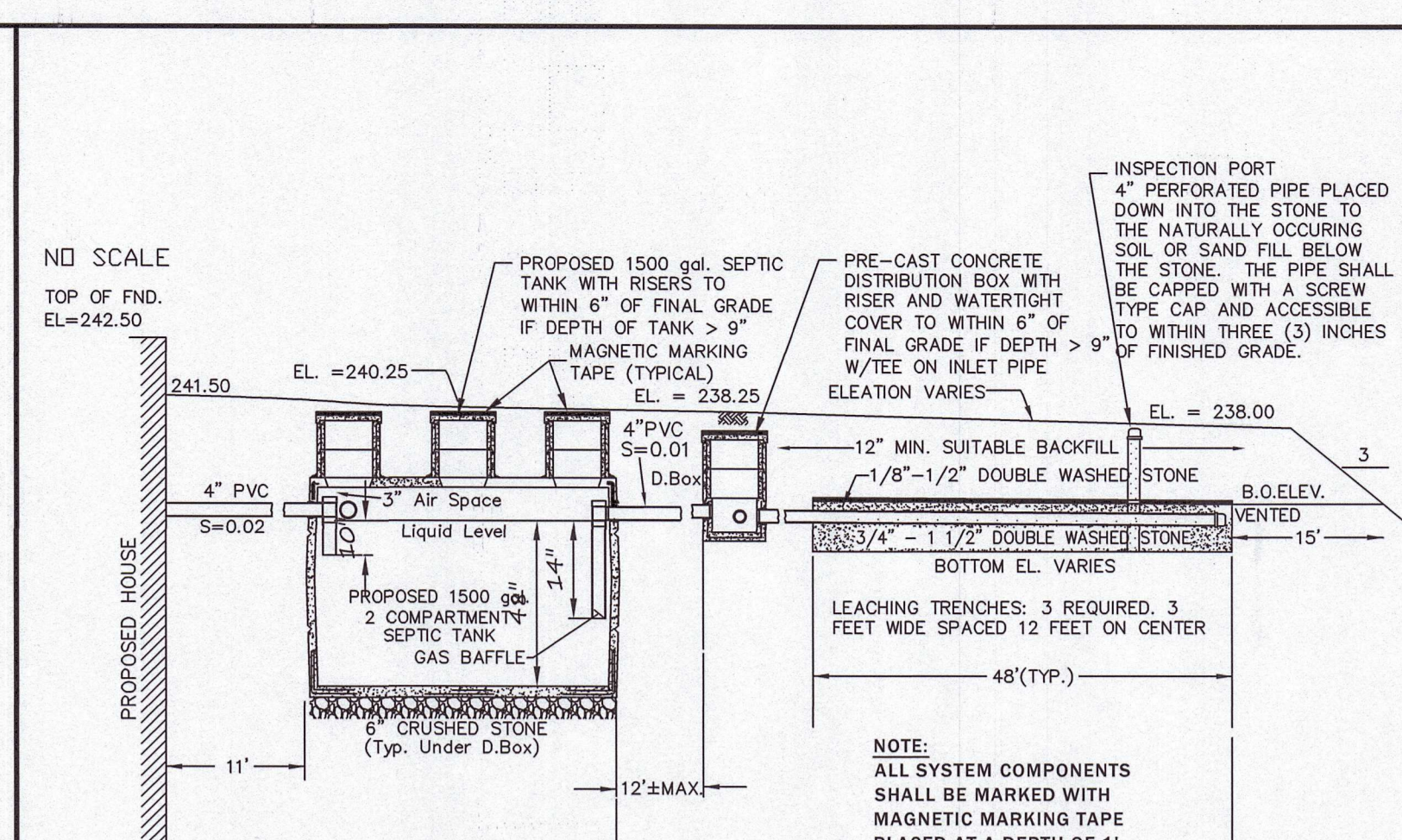
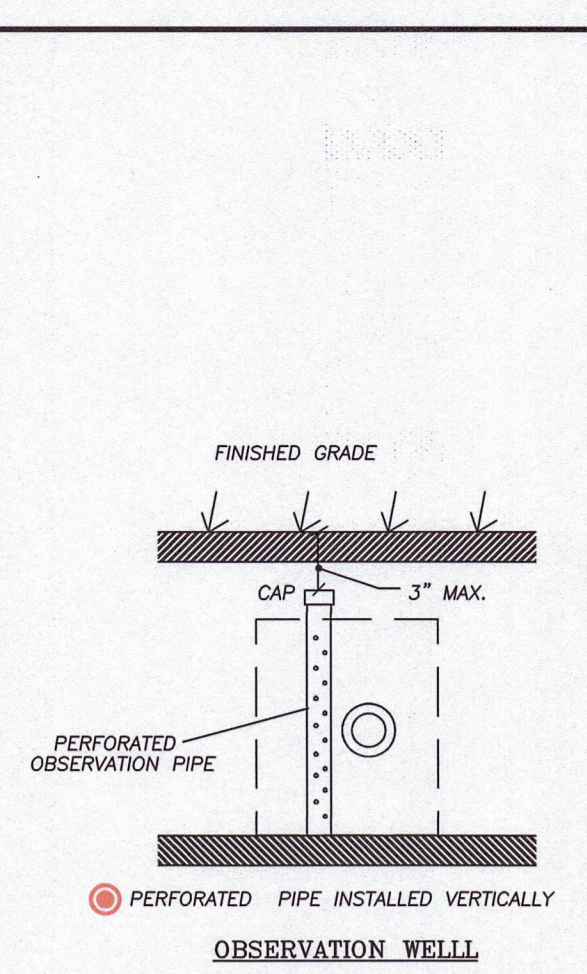
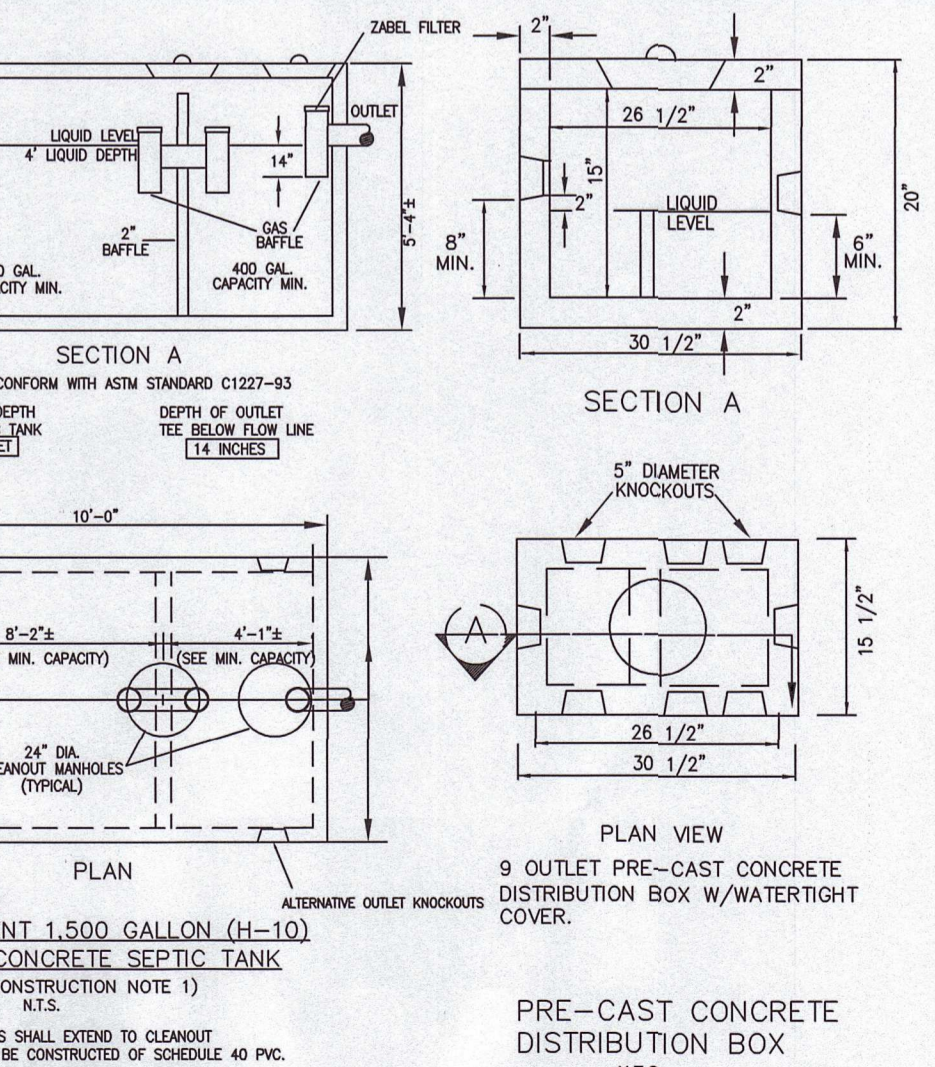
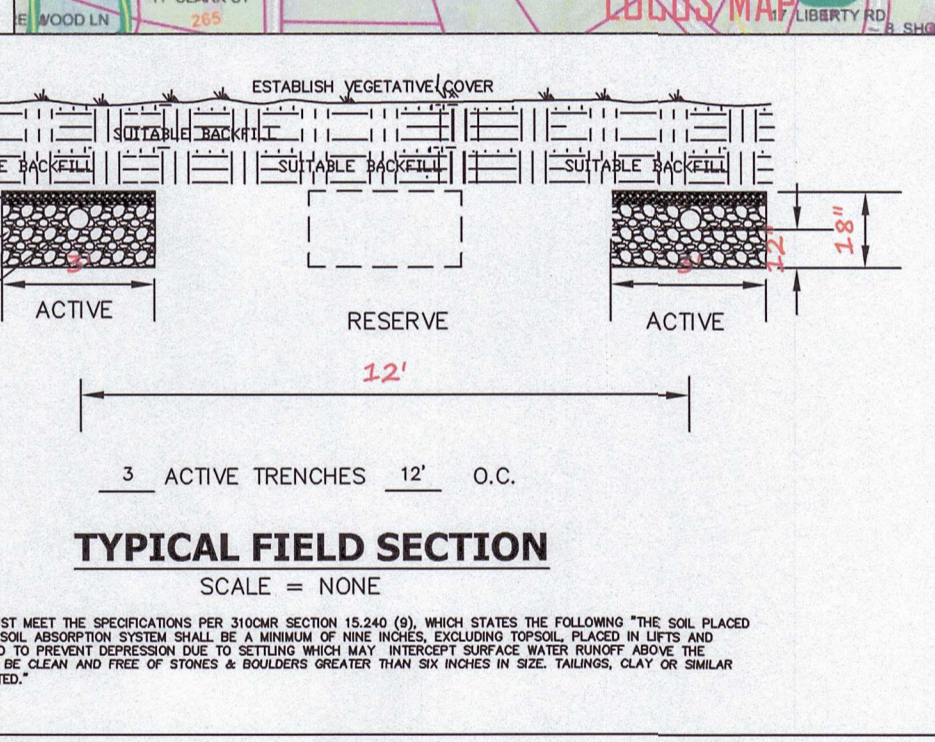
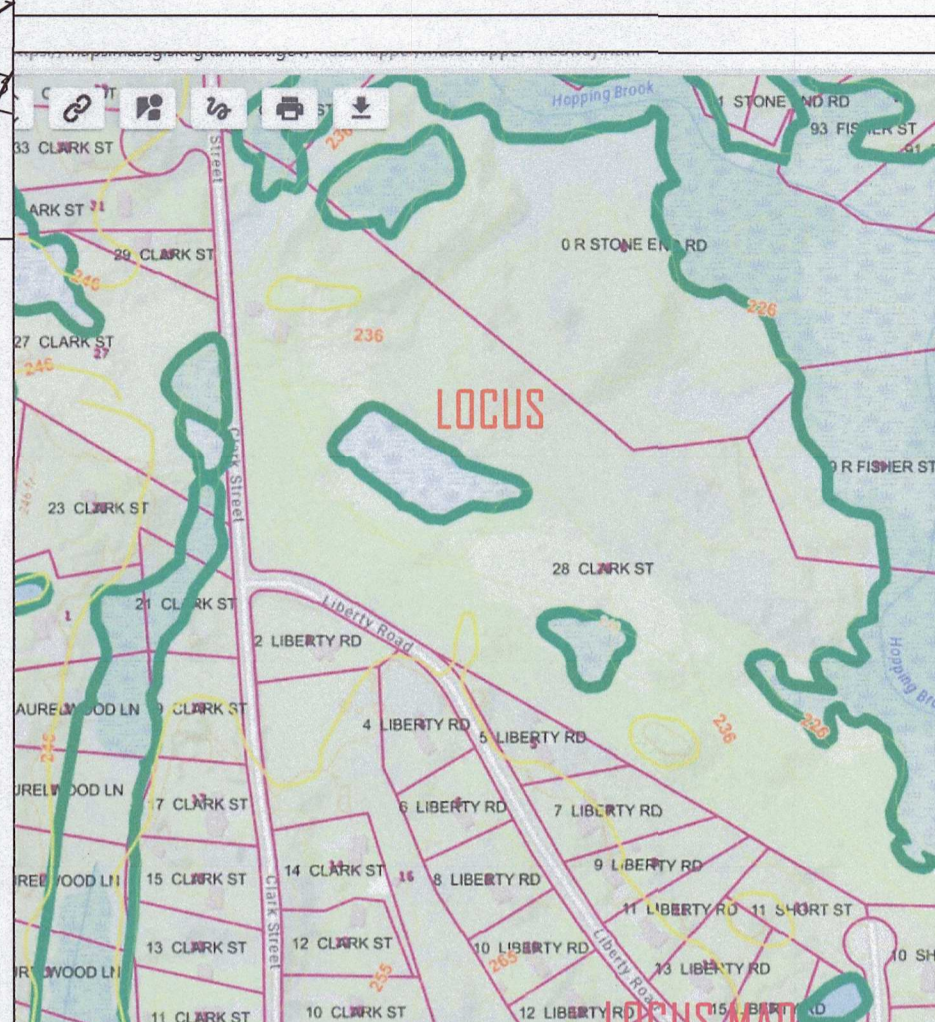


DESIGN ELEVATIONS

TOP OF FOUNDATION	242.50
INV. AT FOUNDATION	234.50
INV. AT SEPTIC TANK INLET	236.50
INV. AT SEPTIC TANK OUTLET	236.25
INV. AT DIST. BOX INLET	235.90
INV. AT DIST. BOX OUTLET	235.73
INV. BEGINNING TRENCH	235.58
INV. END OF TRENCH	235.33
BOTTOM OF TRENCH	234.33
ELEV. OF GROUND WATER	229.33
ELEV. OF REFUSAL	NONE



COMPONENT NOTES

SEPTIC TANK
SEPTIC TANK SHALL BE A PRECAST, REINFORCED CONCRETE TANK MADE WATERTIGHT. CONSTRUCTION MATERIALS AND DIMENSIONS SHALL CONFORM TO TITLE 5 AND AASHTO HS 10 REQUIREMENTS AND PLACED ON A STABLE MECHANICALLY COMPACTED LEVEL BASE.

TANK/ SYSTEM TO BE VENTED THROUGH THE BUILDING PLUMBING SYSTEM AS REQUIRED BY BUILDING CODE.

TANK SHALL BE INSPECTED, MAINTAINED AND BE PUMPED OUT WHEN SLUDGE DEPTH IN THE BOTTOM EXCEEDS ONE FOURTH OF THE TOTAL LIQUID DEPTH.

AT LEAST THREE 20\"/>

DESIGN CRITERIA: SINGLE FAMILY HOUSE

DESIGN FLOW FOR 4 BEDROOMS
4 Bedrooms x 100 gal./bedroom/day= 440 gallons/day

THIS SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARBAGE DISPOSAL. THE USE OF GARBAGE DISPOSALS IS NOT RECOMMENDED WITH SUBSURFACE DISPOSAL FACILITIES.

USE: 3 LINE 3\"/>

LEACHING FACILITY DESIGN CRITERIA

DESIGN FLOW FOR 4 BEDROOMS
4 Bedrooms x 110 gal./bedroom/day= 440 gallons/day

440 GPD/0.74= 596 S.F. REQUIRED

Soil: Class I. Loamy Sand, Effluent Loading Rate: 0.74 GPD/SF.
(b) Number of Trenches = 3.
(c) Trench Width = 3\"/>

GENERAL NOTES

1. SYSTEM IS DESIGNED TO ACCOMMODATE SANITARY SEWAGE ASSOCIATED WITH NORMAL DOMESTIC USE AND CONSISTING OF WATER CARRIED PUTRESIBLE WASTE ONLY.
2. ALL COMPONENTS OF THE SEWAGE DISPOSAL SYSTEM SHALL BE COVERED BY A MAXIMUM OF 36\"/>

ZONING: AR-I AGRICULTURAL RES. 1

LOT SIZE	REQ'D.	PLAN
AREA:	44,000	
FRONTAGE:	180'	
SETBACKS:		
STREET:	35'	
SIDE LINE:	15'	
REAR:	15'	

MUNICIPALITY: MEDWAY

SEWAGE DISPOSAL SYSTEM
FOR: STREET 28 CLARK STREET
ASSESSOR'S MAP 35 19 PARCEL LOT 1
TOWN: MEDWAY, MASSACHUSETTS
DESIGNED FOR
28 CLARK STREET LLC
390 SOUTH MAIN STREET, HOPEDALE, MA 01747
SCALE: 1\"/>

D&L Design Group
Civil Engineering & Land Surveying
115 Water Street - Milford, MA 01757
P: (603) 498-2577
www.dandlgroup.com

SCOPE OF WORK

THE CONTRACTORS SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO:

1. ALL LABORS AND MATERIALS TO INSTALL THE SEWAGE DISPOSAL SHOWN, COMPLETE AND PLACED IN SERVICE.
2. INSURING ALL PERMITS HAVE BEEN OBTAINED.
3. PERFORMING ALL WORK IN ACCORDANCE WITH TITLE 5.
4. ANY MEASURES TO PROTECT THE WETLAND, IF ANY.
5. TIMELY EXECUTION OF THE WORK.

MAINTENANCE NOTE

THE STATE ENVIRONMENTAL CODE, STATES: "SEPTIC TANKS SHOULD BE INSPECTED AND CLEANED AT LEAST ANNUALLY."

NO PERMANENT STRUCTURES ARE TO BE ERRECTED IN THE RESERVE AREA.

DO NOT PLANT TREES OVER OR NEAR THE FIELD. AVOID VEHICULAR TRAFFIC OVER SYSTEM.

SOIL LOGS DATE: 6/27/24

TEST PIT #3	DEPTH	SOIL TYPE	MOISTURE	
0-6	Ap	S.L.	10YR4/4	232.00
6-13	Bw	S.L.	10YR6/6	231.83
13-96	C	C.S.	2.5Y5/4	225.00

SOIL TESTING

TEST PIT #4	DEPTH	SOIL TYPE	MOISTURE	
0-10	Ap	S.L.	10YR4/4	232.00
10-40	Bw	S.L.	10YR6/6	227.67
40-46	C1	F.S.	2.5Y5/4	227.17
46-108	C1	F.S.	2.5Y5/4	223.00

ADDITIONAL NOTES

DIG SAFE NOTE:
UTILITIES ARE PLOTTED FROM FIELD LOCATION AND ANY RECORD INFORMATION AVAILABLE AND SHOULD BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST WHICH ARE NOT INDICATED FOR WHICH RECORD INFORMATION WAS NOT AVAILABLE. CONTRACTORS (IN ACCORDANCE WITH MASS.G.L. CHAPTER 82 SECTION 40 AS AMENDED) MUST CONTACT ALL UTILITY COMPANIES BEFORE EXCAVATING AND DRILLING. ALSO, CALL "DIG-SAFE" AT (800)344-7233 [(888)DIG-SAFE].

EXISTING LINES OTHER THAN THOSE INDICATED ON THESE DRAWINGS MAY BE ON THE SITE. THE CONTRACTOR IS WARNED TO PROCEED WITH CAUTION WITH ALL WORK, ESPECIALLY EXCAVATION WORK, AND TO MAKE ALL POSSIBLE INVESTIGATIONS AS TO POSSIBLE UNMARKED UTILITY LINES.

