

(N.T.S.)

CONSTRUCTION NOTES:

GRAVEL BASE TO BE STABILIZED WITH CALCIUM CHLORIDE
AND COMPACTED WITH ROLLER WEIGHING 8 TONS OR MORE

GRAVEL BASE AND BIT. CONCRETE PAVING TO EXTEND 1 FOOT
BEYOND TRAVEL WAY TO SUPPORT BIT. CONCRETE BERM

GRANITE CURBING (VBO 5" X 18") TO BE INSTALLED
AT ALL INTERSECTION RADII (SEE GRADING DETAIL)

SUB-GRADE TO BE PREPARED TO THE SATISFACTION
OF THE EAST LONGMEADOW PUBLIC WORKS DEPARTMENT
PRIOR TO PLACEMENT OF GRAVEL BASE

CONCRETE SIDEWALK TO BE CONSTRUCTED WITH BITUMINOUS
EXPANSION JOINTS AT 15 FOOT INTERVALS AND DRIVEWAY
CROSSINGS TO BE 6" THICK

UNDERGROUND ELECTRIC, TELEPHONE, AND CABLE TV TO BE
INSTALLED AS SHOWN ON TYPICAL SECTION. UTILITY COMPANIES TO
DETERMINE LOCATION OF TRANSFORMERS, JUNCTIONS, AND HOUSE SERVICES

ALL MATERIALS AND CONSTRUCTION METHODS TO COMPLY
WITH THE STANDARDS OF THE BOARD OF PUBLIC WORKS
OF THE TOWN OF EAST LONGMEADOW

SCALE: 1" = 40'

CENTERLINE DATA

STATION 0+00 TO 3+73.86
BRG: S 12°35'57" E DIST: 373.86'

CURVE #1
STATION 3+73.86 TO 5+06.27
R = 30.00'
L = 132.41'
 $\Delta = 252^{\circ}53'43''$

CURVE #2
STATION 5+06.27 TO 5+76.25
R = 55.00'
L = 69.98'
Δ = 72°53'43"

(N.T.S.)

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LEGEND

-----240-----	EXISTING CONTOUR
242	PROPOSED CONTOUR
-----	PROPOSED R.O.W.
+ 242.00	SPOT GRADE (EXISTING)
x 242.00	SPOT GRADE (PROPOSED)
①	DRAINAGE MANHOLE
⑤	SANITARY MANHOLE
□	CATCH BASIN
⛑	FIRE HYDRANT (PROPOSED)
⛑	FIRE HYDRANT (EXISTING)
⚓	UTILITY POLE
●	PROPERTY PIN (FOUND)
○	PROPERTY PIN (TO BE SET)
□	BOUND (TO BE SET)

NOTES: INDIVIDUAL PUMPING SYSTEMS

ALTERNATIVE #1
SUBMERSIBLE EFFLUENT PUMP
1/3 HP, 230 VOLT, SINGLE PHASE
PUMPING CAPACITY = 20 GPM @ 30' TDH
USE: MYERS EFFLUENT PUMP, MODEL ME33 OR EQUAL
1500 GALLON SEPTIC TANK
500 GALLON PUMPING CHAMBER

ALTERNATIVE #2
SUBMERSIBLE GRINDER PUMP
1 HP, 230 VOLT, SINGLE PHASE
PUMPING CAPACITY • 18 GPM @ 20' TDH
USE: MYERS GRINDER PUMP, MODEL RG-10 OR EQUAL
500 GALLON PUMPING CHAMBER

FORCE MAIN FROM EACH PUMP CHAMBER TO BE
INSTALLED IN TREE BELT AND TO TIE INTO
SANITARY MANHOLE 51 AT STATION 1+00.
FORCE MAINS TO BE 1-1/2" POLYETHYLENE
TUBING. CONSULT DESIGN ENGINEER FOR
DETAILED PUMP CHAMBER DESIGN AND SPECS.

SCALE: 1" = 30'

REVISIONS: 5-10-94 CHANGE GRANITE CURB, REMOVE PRESSURE SEWER



CONSTRUCTION DETAILS

SHELBY LANE
EAST LONGMEADOW, MA

PREPARED FOR:
R.H. & K.S. PUNDERSON
(OWNERS)

SCALE: AS NOTED DATE: 3-28-94 SHEET 3 OF 3
UP-DATE 10/14/94

**SMITH ASSOCIATES
SURVEYORS, INC.**

155 SHAKER ROAD, EAST LONGMEADOW, MA 01028

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