

### TYPICAL SECTION

(N.T.S.)

L = 132.41

CURVE #2

STATION 5+06.27 TO 5+76.25 R • 55.00' L = 69.98'

 $\Delta = 72^{\circ}53'43''$ 

Δ = 252°53'43"

180.15 - O+24.7¶ CENTERLINE DATA 0+00 5 12°35'57" E STATION 0+00 TO 3+73.86 BRG: 5 12'35'57" E DIST: 373.86' CURVE #1 STATION 3+73.86 TO 5+06.27 123.53 R = 30.00°

Δ = 93°16'53"

DETAIL

SCALE: 1" - 40'

R = 18.75'

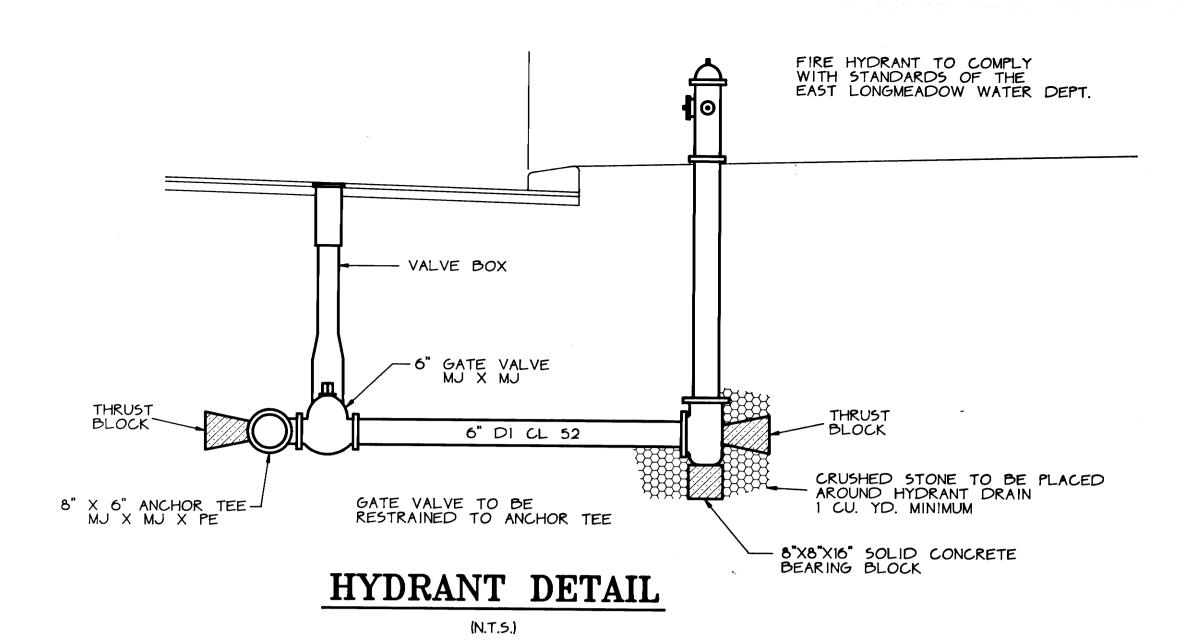
T • 19.86°

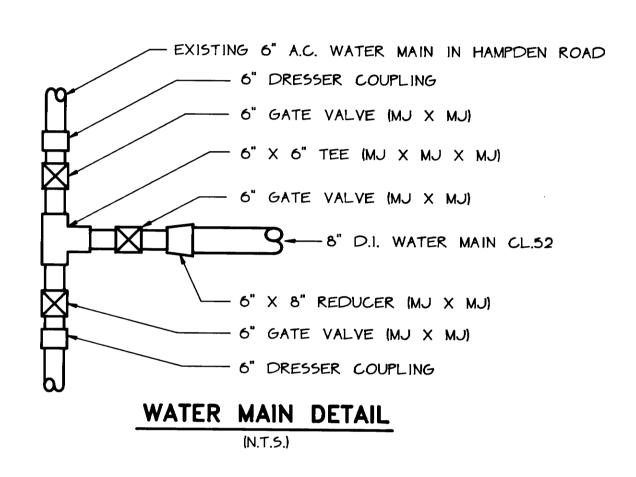
L • 30.53'

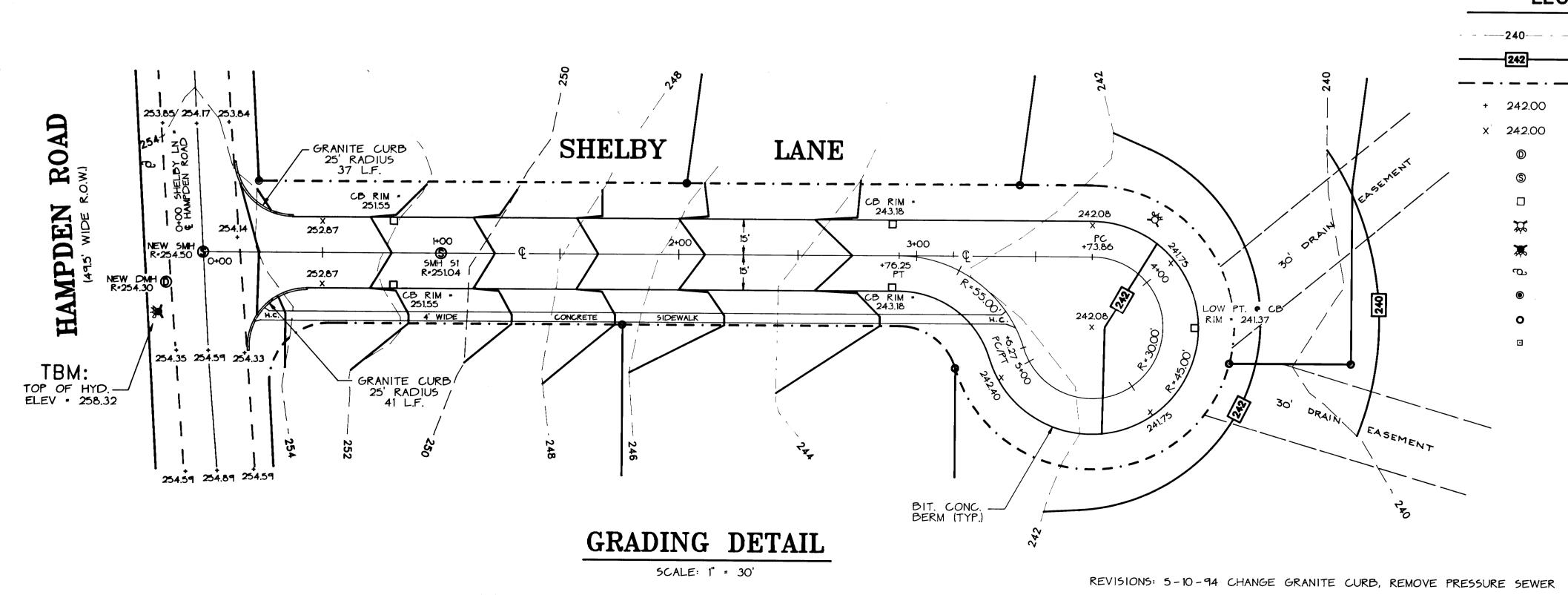
RO

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







### **LEGEND**

EXISTING CONTOUR PROPOSED CONTOUR PROPOSED R.O.W. SPOT GRADE (EXISTING) SPOT GRADE (PROPOSED) DRAINAGE MANHOLE 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 SI AT STATION 1+00. FORCE MAINS TO BE 1-1/2" POLYETHYLENE TUBING. CONSULT DESIGN ENGINEER FOR DETAILED PUMP CHAMBER DESIGN AND SPECS.

# CONSTRUCTION DETAILS

## SHELBY LANE

EAST LONGMEADOW, MA

(OWNERS)

PREPARED FOR: R.H. & K.S. PUNDERSON

SCALE: AS NOTED

DATE: 3-28-94 UP-DATE 10/14/94

SHEET 3 OF 3

SMITH ASSOCIATES SURVEYORS, INC. 165 SHAKER ROAD, EAST LONGMEADOW, MA 01028

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