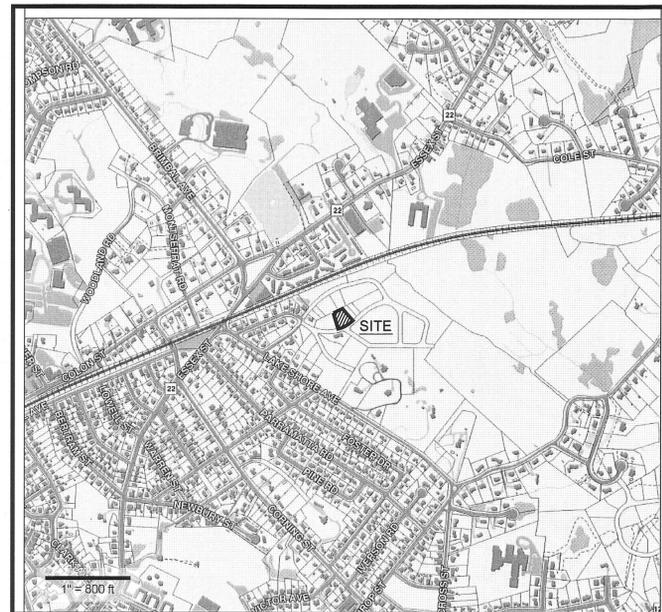


# DEFINITIVE SUBDIVISION PLAN for JEWETT ROAD EXTENSION

BEVERLY, MA  
NOVEMBER 2015

OWNER &  
APPLICANT: FRANCIS P. BYRNE  
MARCIA C. BYRNE  
BEVERLY, MA 01915

ENGINEER: GRIFFIN ENGINEERING  
GROUP, LLC  
495 CABOT STREET  
BEVERLY, MA 01915



LOCUS MAP  
1" = 800'

## LIST OF DRAWINGS:

- C-1: SITE PLAN
- C-2: DETAILS

I CERTIFY THAT THIS PLAN WAS  
PREPARED IN ACCORDANCE WITH  
THE RULES AND REGULATIONS OF  
THE REGISTERS OF DEEDS.

DATE \_\_\_\_\_

FOR REGISTRY USE ONLY

I, \_\_\_\_\_, CLERK OF THE  
CITY OF BEVERLY, MA, CERTIFY THAT THE  
NOTICE OF APPROVAL OF THIS PLAN BY  
THE BEVERLY PLANNING BOARD HAS BEEN  
RECEIVED AND RECORDED IN THIS OFFICE  
AND THAT NO APPEAL WAS RECEIVED  
DURING THE TWENTY (20) DAYS NEXT  
AFTER SUCH RECEIPT AND RECORDING OF  
SUCH NOTICE.

BEVERLY CITY CLERK

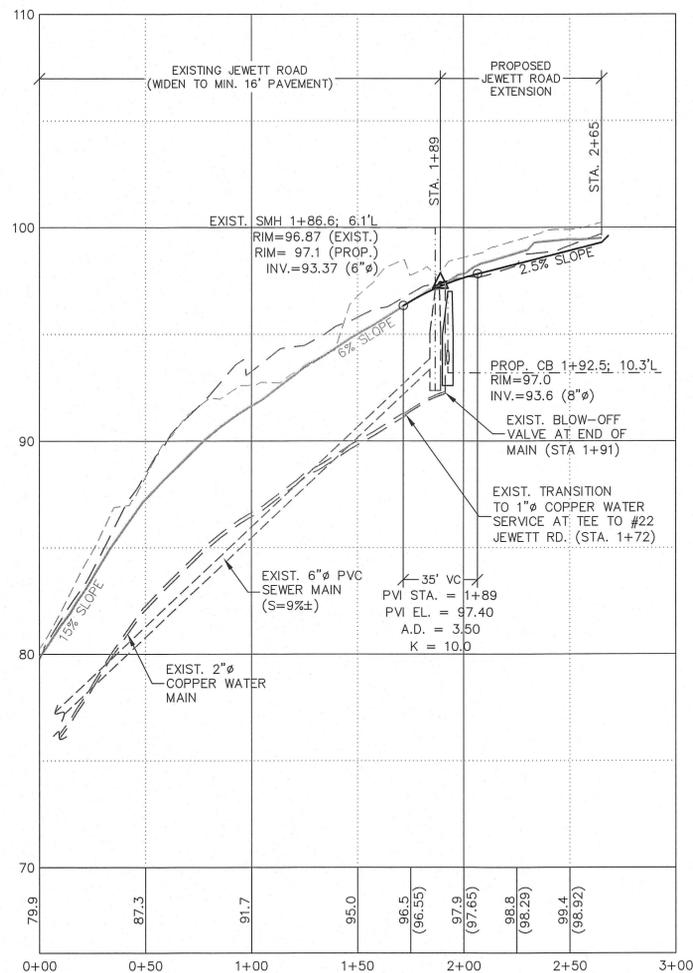
DATE \_\_\_\_\_

CITY OF BEVERLY  
PLANNING BOARD

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: \_\_\_\_\_





**ROAD CENTERLINE PROFILE**

SCALE: HORIZONTAL - 1"=40'  
VERTICAL - 1" = 4'

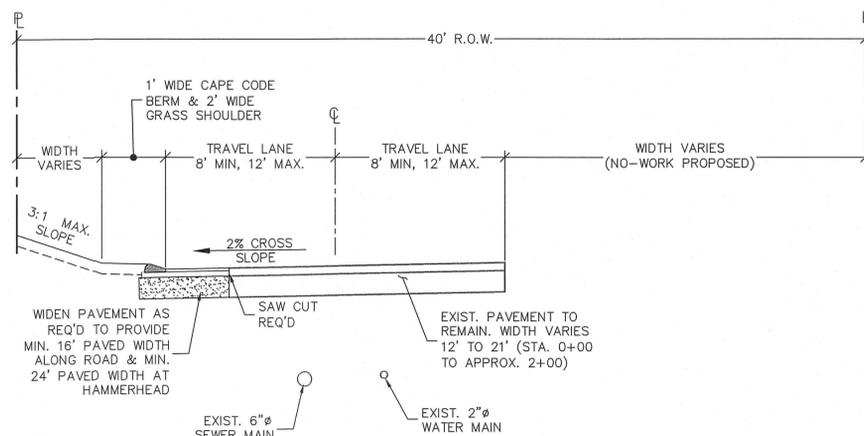
EXISTING GRADE  
EXISTING GRADE 12' LEFT  
EXISTING GRADE 12' RIGHT  
PROPOSED CENTERLINE

I CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

DATE \_\_\_\_\_  
FOR REGISTRY USE ONLY

I, \_\_\_\_\_, CLERK OF THE CITY OF BEVERLY, MA, CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE BEVERLY PLANNING BOARD HAS BEEN RECEIVED AND RECORDED IN THIS OFFICE AND THAT NO APPEAL WAS RECEIVED DURING THE TWENTY (20) DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SUCH NOTICE.

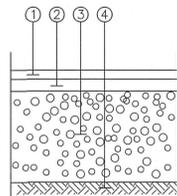
BEVERLY CITY CLERK \_\_\_\_\_ DATE \_\_\_\_\_



**TYPICAL ROADWAY SECTION**

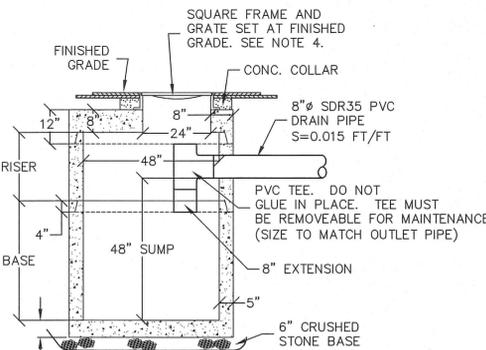
SCALE: 1"=4'

- KEY:**
1. 1 1/2" CLASS 1 BIT. CONCRETE TOP COURSE TYPE I-1 (M3.11.0 - TABLE A).
  2. 3" CLASS 1 BIT. CONCRETE BINDER COURSE (M3.11.0 - TABLE A).
  3. 12" DENSE GRADED CRUSHED STONE FOR SUB-BASE (M2.01.7)
  4. PREPARED SUBGRADE.



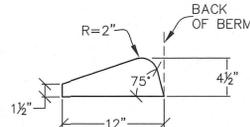
**FULL DEPTH PAVEMENT**  
N.T.S.

- NOTES:**
1. REMOVE ALL LOAM, ROOTS, SUBSOIL AND DELETERIOUS MATERIALS.
  2. COMPACT ALL LAYERS, AND SUBGRADE, TO 95% MOD. PROCTOR.
  3. MATERIAL REFERENCES ARE TO 1995 EDITION OF MASS. HIGHWAY STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
  4. ALL UTILITIES TO MEET PROVIDER REQUIREMENTS.
  5. 4" LOAM, SEED AND MULCH ALL DISTURBED AREAS. LOAM = M 1.05.0  
SEED = M 6.03.0 SLOPE MIX  
MULCH = M 6.04.0 ANY TYPE
  6. IN LEDGE, REMOVE LEDGE TO MIN. DEPTH OF 24" BELOW FINISH GRADE; BACKFILL WITH COMPACTED GRAVEL.

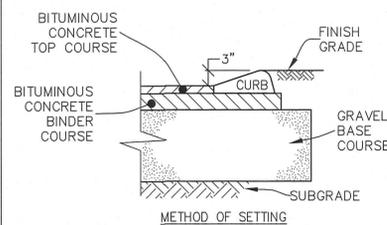


**4" Ø PRECAST CATCH BASIN**  
N.T.S.

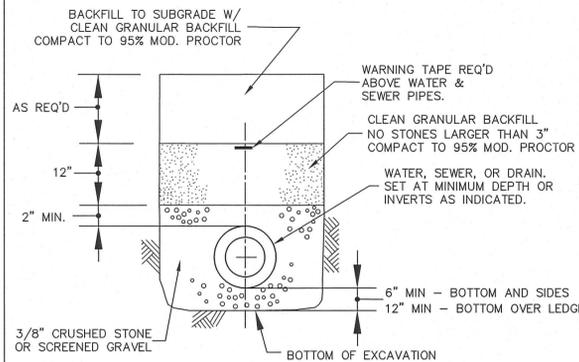
- NOTES:**
1. CONCRETE 4,000 PSI MINIMUM AFTER 28 DAYS.
  2. REINFORCED STEEL SHALL CONFORM TO LATEST ASTM A185 SPEC. 0.12 SQ. IN./LINEAL FT. AND 0.12 SQ. IN. (BOTH WAYS) BASE BOTTOM.
  3. H-20 DESIGN LOADING.
  4. EAST JORDAN IRON WORKS V-5622-4 FRAME & GRATE OR APPROVED EQUIVALENT.
  5. SHEA PRECAST OR APPROVED EQUIVALENT.
  6. TONGUE & GROOVE JOINTS SEALED WITH BUTYL RESIN. BUTYL RESIN.



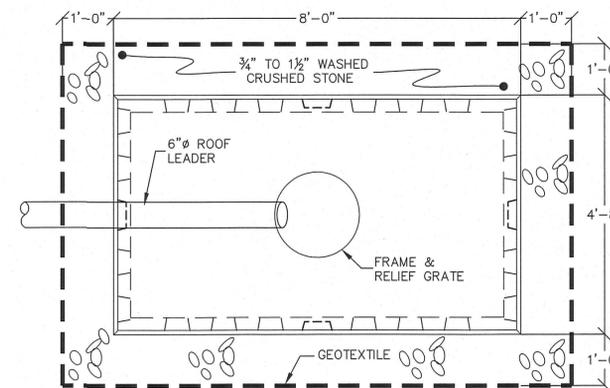
**CURB DIMENSIONS**



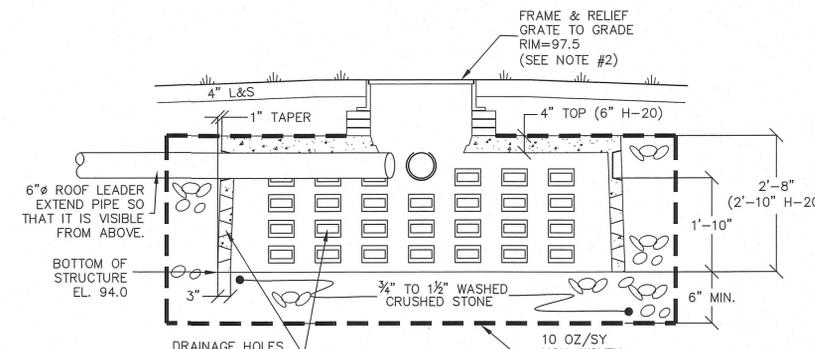
**BIT. CONC. CAPE CODE BERM**  
N.T.S.



**TYPICAL PIPE BEDDING SECTION**  
N.T.S.

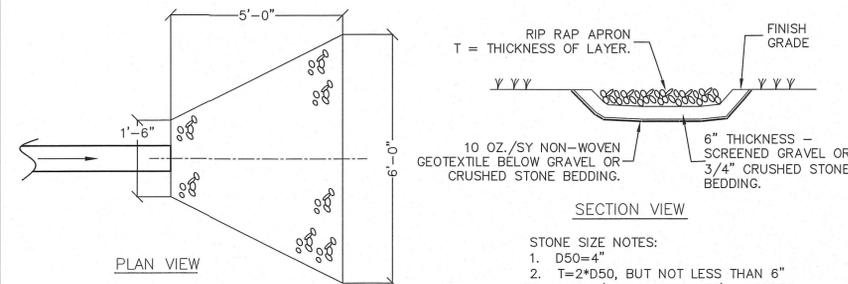


**PLAN VIEW**



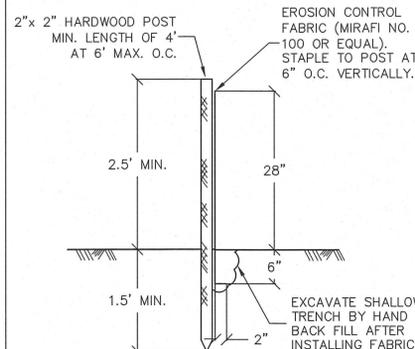
**500-GALLON DRYWELL SHALLOW**  
N.T.S.

- NOTES:**
- 1) 500 GALLON DRYWELL SHALLOW (H-20 LOADING); SHEA DW-JDW OR APPROVED ALTERNATE.
  - 2) EAST JORDAN IRON WORKS, INC (FORMERLY LEBARON FOUNDRY) ROUND SOLID BASE FRAME & 20" GRATE



**RIP RAP APRON**  
N.T.S.

- STONE SIZE NOTES:**
1. D50=4"
  2. T=2\*D50, BUT NOT LESS THAN 6"
  3. DMAX (MAX. STONE SIZE) =1.5\*D50



**SILT FENCE**  
NOT TO SCALE

DATE: \_\_\_\_\_

No. Date Description

**Revisions**



11-9-15



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FRANCIS P. BYRNE  
MARCIA C. BYRNE  
25 JEWETT ROAD  
BEVERLY, MA

DEFINITIVE SUBDIVISION  
JEWETT RD. EXTENSION

**DETAILS**

Scale: AS SHOWN

Job No.: TBD

File Name: p/p/b/by

Date: 11/9/15