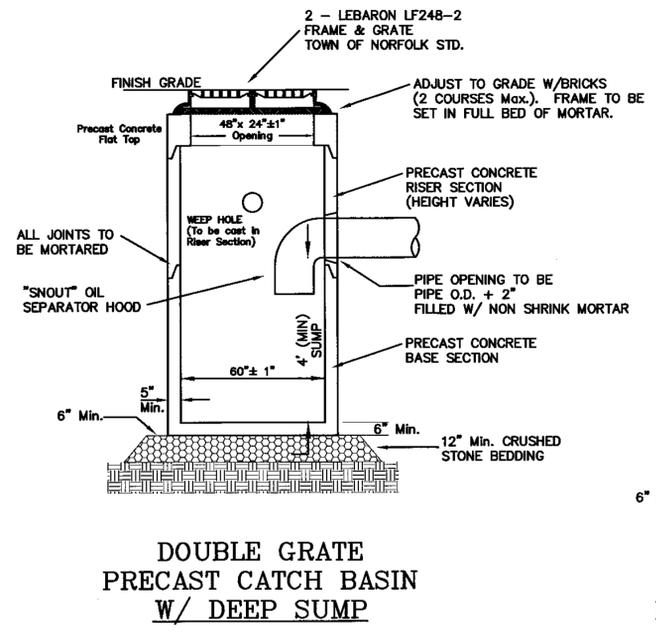
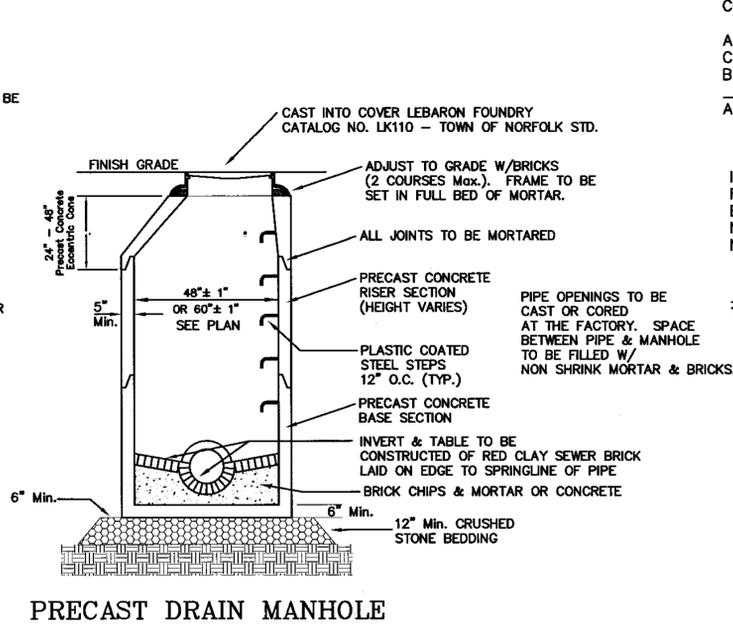


PRECAST CATCH BASIN W/ DEEP SUMP



DOUBLE GRATE PRECAST CATCH BASIN W/ DEEP SUMP



PRECAST DRAIN MANHOLE

COVENANTS TO BE RECORDED HEREWITH.  
 APPROVED \_\_\_\_\_ SUBJECT TO COVENANT CONDITIONS SET FORTH IN A COVENANT EXECUTED BY \_\_\_\_\_ DATED \_\_\_\_\_ AND TO BE RECORDED HEREWITH.

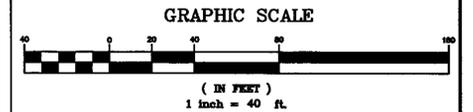
I TOWN CLERK OF THE TOWN OF NORFOLK, RECEIVED AND RECORDED FROM THE ZONING BOARD OF APPEALS APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

I DECLARE THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS

FOR REGISTRY USE ONLY

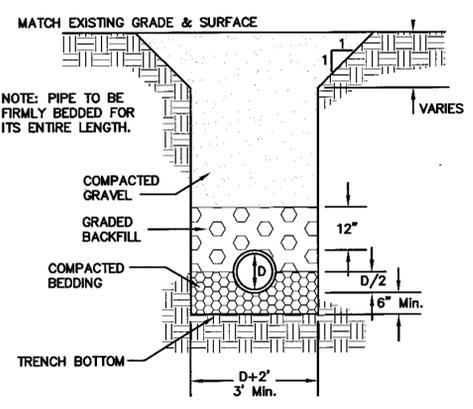
| DATE | FIELD BY:    | INT. |
|------|--------------|------|
| BK#  | FIELD BOOK   | PG#  |
| 3/17 | CALCS BY:    | RRG  |
| 3/17 | DESIGNED BY: | RRG  |
| 3/17 | DRAWN BY:    | COMP |
| 3/17 | CHECKED BY:  | CAQ  |



| NO. | DATE    | DESCRIPTION         | BY  |
|-----|---------|---------------------|-----|
| 1   | 6/28/18 | LOT AND ROAD LAYOUT | RRG |

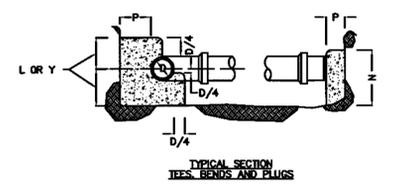
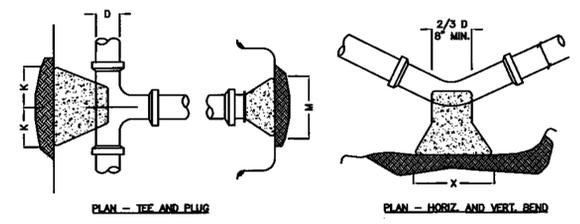
NORFOLK ZONING BOARD OF APPEALS

DATE APPROVED \_\_\_\_\_  
 DATE ENDORSED \_\_\_\_\_



| TYPE OF PIPE      | RCP DRAIN    | CLDI WATER | PVC SEWER |
|-------------------|--------------|------------|-----------|
| BEDDING MATERIAL  | PROC. GRAVEL | SAND       | 3/4\"/>   |
| BACKFILL MATERIAL | ORD. FILL    | SAND       | 3/4\"/>   |

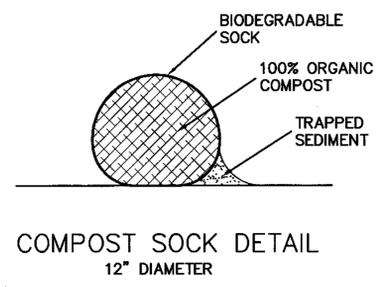
UTILITY TRENCH DETAIL



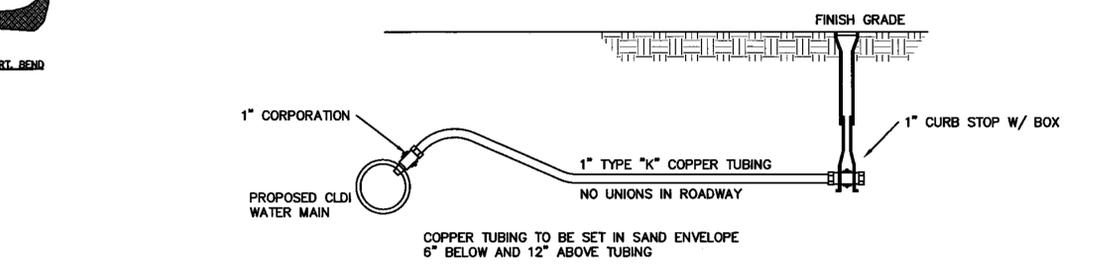
| SIZE OF BRANCH | J | K | L | M | N | O |
|----------------|---|---|---|---|---|---|
| 4\"/>          |   |   |   |   |   |   |
| 10\"/>         |   |   |   |   |   |   |
| 24\"/>         |   |   |   |   |   |   |

| 90 & 45 BENDS |       | 22 1/2 & 11 1/4 |  |
|---------------|-------|-----------------|--|
| D             | 4\"/> |                 |  |
| X             | 1\"/> |                 |  |
| Y             | 1\"/> |                 |  |

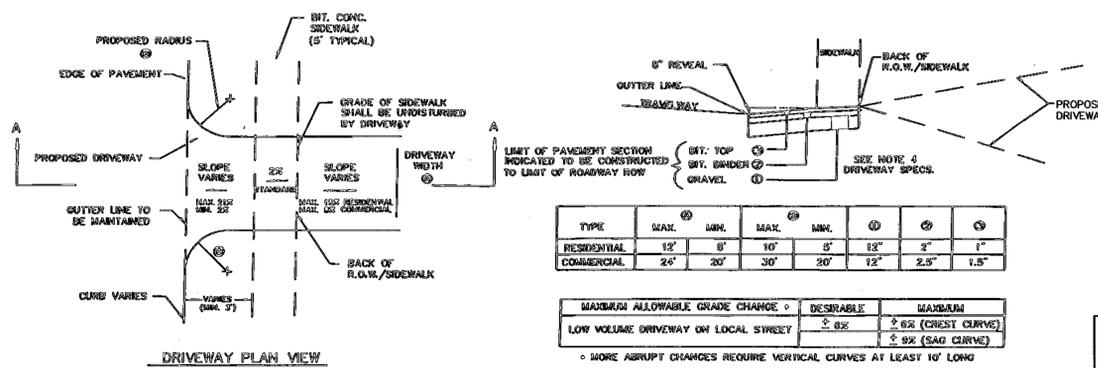
THRUST BLOCK DETAILS



COMPOST SOCK DETAIL 12\"/>

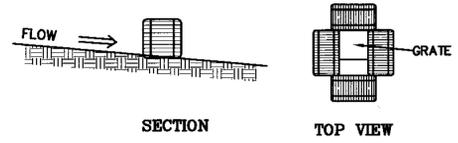


1\"/>



DRIVEWAY SECTION A - A

RESIDENTIAL & COMMERCIAL DRIVEWAY DETAIL

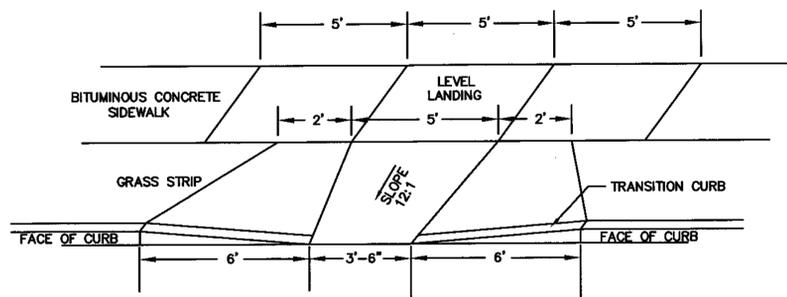


CATCH BASIN INLET PROTECTION DETAIL HAYBALES

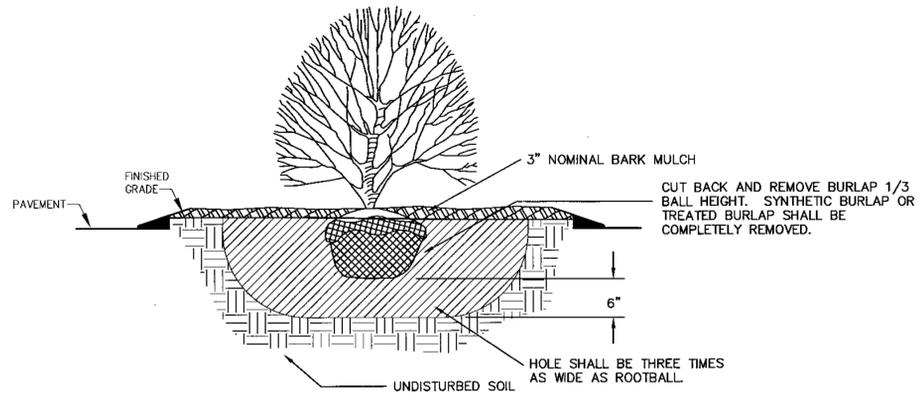
THE PRESERVE AT ABBYVILLE CONSTRUCTION DETAILS NORFOLK, MASSACHUSETTS FOR ABBYVILLE DEVELOPMENT, LLC 850 FRANKLIN STREET WRENTHAM, MASSACHUSETTS DATE: MARCH 15, 2017 SCALE: 1" = 40'

**UNITED CONSULTANTS INC.**  
 850 FRANKLIN STREET SUITE 11D WRENTHAM, MASSACHUSETTS 02093  
 508-384-6560 FAX 508-384-6566

| DATE          | SCALE    | PROJECT | SHEET     |
|---------------|----------|---------|-----------|
| MAR. 15, 2017 | 1" = 40' | UC987   | CD-1 OF 3 |



**WHEELCHAIR RAMP**



**SHRUB PLANTING**

COVENANTS TO BE RECORDED HEREWITH.

APPROVED \_\_\_\_\_ SUBJECT TO COVENANT CONDITIONS SET FORTH IN A COVENANT EXECUTED BY \_\_\_\_\_

AND TO BE RECORDED HEREWITH. \_\_\_\_\_ DATED \_\_\_\_\_

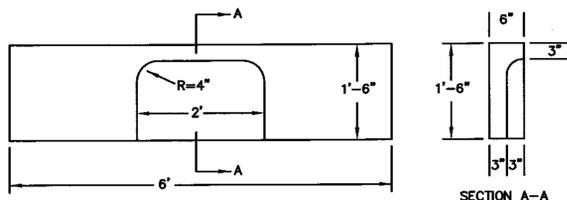
I TOWN CLERK OF THE TOWN OF NORFOLK, RECEIVED AND RECORDED FROM THE ZONING BOARD OF APPEALS APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK \_\_\_\_\_ DATE \_\_\_\_\_

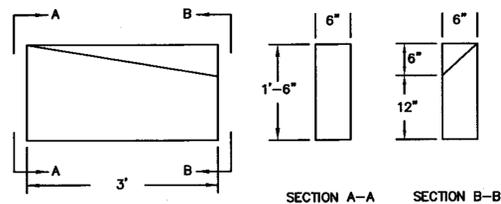
I DECLARE THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS

FOR REGISTRY USE ONLY

| DATE | FIELD BY:        | INT. |
|------|------------------|------|
| 3/17 | CALCS BY: RRG    |      |
| 3/17 | DESIGNED BY: RRG |      |
| 3/17 | DRAWN BY: COMP   |      |
| 3/17 | CHECKED BY: CAQ  |      |



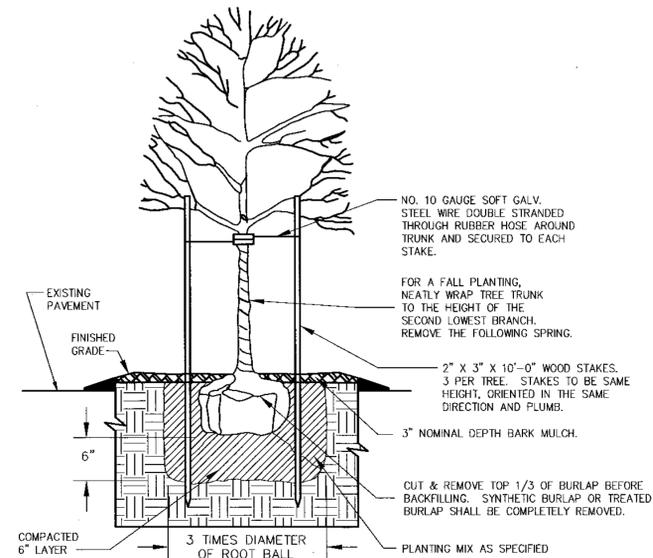
**GRANITE CURB INLET DETAIL**



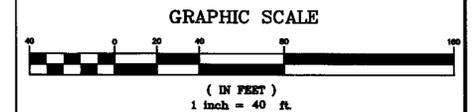
**GRANITE CURB TRANSITION DETAIL**

**NOTE:**  
ONCE THE SITE IS STABILIZED, REMOVE THE A AND B HORIZON SOILS AND AN ADDITIONAL 18" OF SOIL AND REPLACE WITH 12" OF CLEAN COARSE SAND AND GRAVEL FREE OF ORGANICS AND FINES. THEN ADD 6" OF ROOT ZONE MIX TO FINISH GRADE AND SEED WITH A WATER TOLERANT GRASS.

- CONSTRUCTION NOTES:**
1. RIP RAP TO BE MAXIMUM OF 16" AVERAGE OF 10" AND MINIMUM OF 4".
  2. RIP RAP TO BE PLACED OVER A FILTER FABRIC.
  3. RIP RAP MINIMUM DEPTH SHALL BE 12"
  4. SEDIMENT FOREBAY TO HAVE A 10' x 10' RIP RAP INLET.
  5. BOTTOM OF SEDIMENT FOREBAY AND INFILTRATION BASIN SHALL HAVE ALL A AND B HORIZON SOIL REMOVED, FILLED WITH CLEAN SAND AND GRAVEL AND SHALL THEN HAVE A 6" MINIMUM LAYER OF ROOT ZONE MIX APPLIED.
  6. SIDE SLOPES TO HAVE A MINIMUM OF 6" OF LOAM.
  7. SEDIMENT FOREBAY AND INFILTRATION BASIN SHALL BE SEEDED WITH WATER TOLERANT SEED MIX.
  8. THE AREA UNDER EMBANKMENTS SHALL BE STRIPPED OF ALL TOPSOIL, TREES, ROOTS, VEGETATION AND DELETERIOUS MATERIALS.
  9. COMPACTED LOW PERMEABILITY SOIL (SILTY GRAVELY SAND) SHALL BE USED FOR THE EMBANKMENTS, WHICH SHALL BE FREE OF STONES GREATER THAN 6", ORGANIC MATTER, CONSTRUCTION DEBRIS, SNOW AND FROZEN SOIL.
  10. EMBANKMENTS SOIL TO BE PLACED IN 8" LIFTS AND SHALL BE COMPACTED.



**DECIDUOUS TREE PLANTING**

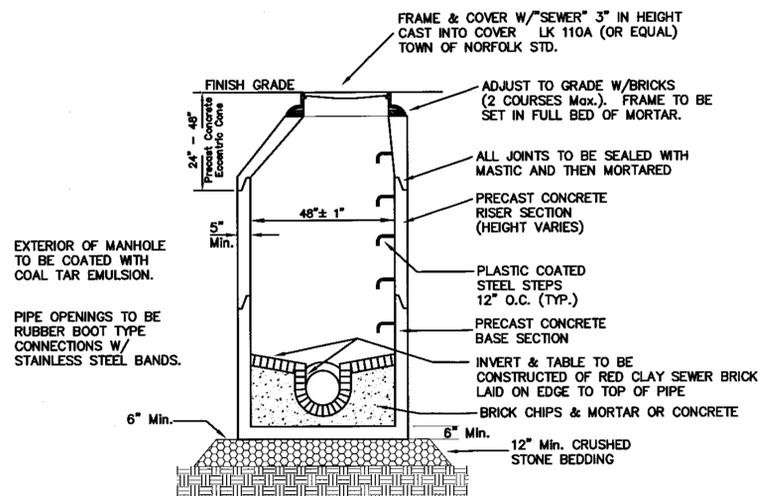


| NO. | DATE    | DESCRIPTION         | BY  |
|-----|---------|---------------------|-----|
| 1   | 6/26/18 | LOT AND ROAD LAYOUT | RRG |

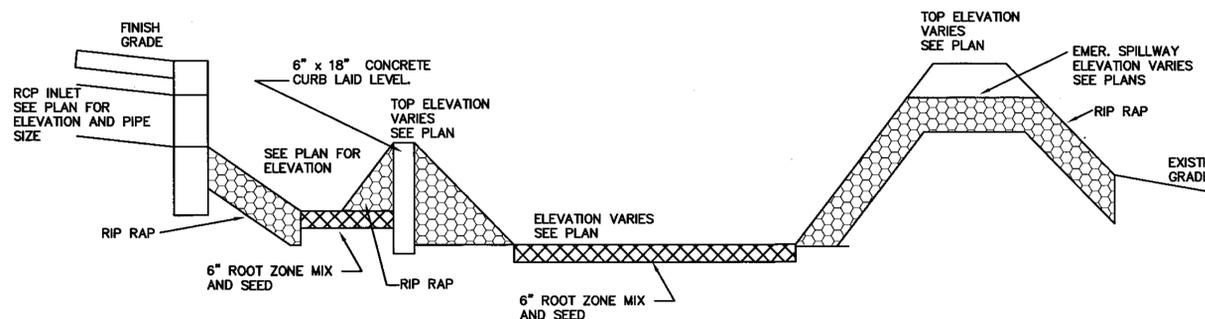
**NORFOLK ZONING BOARD OF APPEALS**

DATE APPROVED \_\_\_\_\_

DATE ENDORSED \_\_\_\_\_



**PRECAST SEWER MANHOLE**



**SEDIMENT FOREBAY & INFILTRATION BASIN, SECTION N.T.S.**

THE PRESERVE AT ABBYVILLE  
CONSTRUCTION DETAILS  
NORFOLK, MASSACHUSETTS  
FOR  
ABBYVILLE DEVELOPMENT, LLC  
850 FRANKLIN STREET  
WRENTHAM, MASSACHUSETTS  
DATE: MARCH 15, 2017  
SCALE: 1" = 40'

**UNITED CONSULTANTS INC.**  
850 FRANKLIN STREET SUITE 11D  
WRENTHAM, MASSACHUSETTS 02093  
508-384-6680 FAX 508-384-6688

|         |               |
|---------|---------------|
| DATE    | MAR. 15, 2017 |
| SCALE   | 1" = 40'      |
| PROJECT | UC987         |
| SHEET   | CD-2 OF 3     |

