

Diagram illustrating the full uncut length of pipe with a sewer/lateral/force main or storm connection. The diagram shows a horizontal pipe with a vertical connection. The connection is labeled "SEWER MAIN/LATERAL/FORCE MAIN OR STORM". The distance from the connection to the end of the pipe is labeled "10'-0" MIN". The distance from the connection to the other end of the pipe is labeled "EQUAL". The total length of the pipe is labeled "FULL UNCUT LENGTH OF PIPE". The connection is also labeled "1'-6" MIN" and "1'-6" MIN".

SEWER
MAIN/LATERAL/FORCE MAIN,
STORM LINE &
MANHOLES

10'-0"

WATER MAIN
OR SERVICE

NOTE:

WATER LINE SEPARATION DETAIL
NOT TO SCALE



CONCRETE COLLAR
(SEE NOTE 1
BELOW)

CAST IRON COVER
WITH THE WORD "WATER"
CAST IN THE TOP

FINAL GRADE

5' MINIMUM
COVER

TELESCOPING VALVE
BOX BY MUELLER

6" CLASS 52
CEMENT LINED
DUCTILE IRON
WATER SERVICE
LINE

MUELLER RESILIENT WEDGE NON-RISE
STEM MODEL # A-2360, MECHANICAL JOINT
GATE VALVE AS APPROVED BY THE CITY
OF BEACON WATER DEPARTMENT

CONCRETE THRUST BLOCK BENEATH
VALVE WITH RODDING

Diagram illustrating the installation of a silt fence around a pile of material. The pile is shown with a cross-section of a slope labeled $\frac{2}{1}$ SLOPE OR LESS. The silt fence is installed around the base of the pile, with labels indicating MIN. SLOPE and SILT FENCE (SEE INSTALLATION DETAIL THIS SHEET).

STONE & BLOCK PLAN VIEW

CONCRETE BLOCK

2:1 SLOPE GRAVEL FILTER

FLOW

FLOW

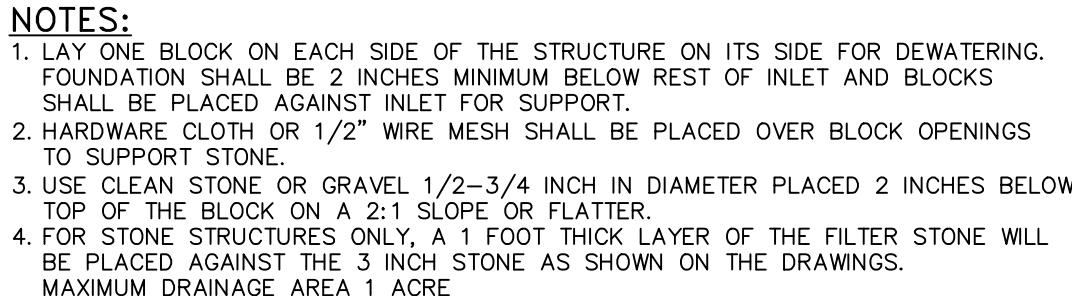
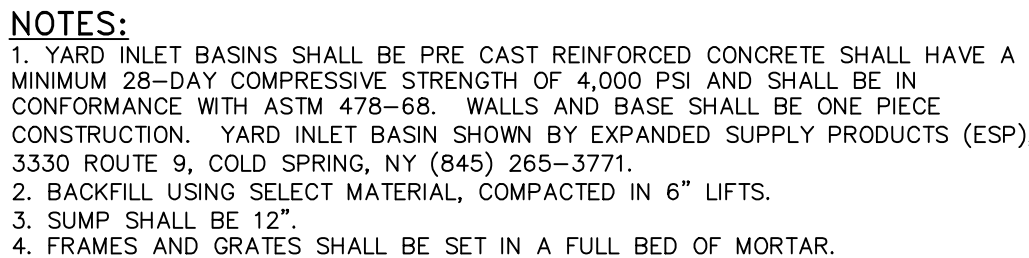


Diagram illustrating the seed bed preparation layers:

- SOIL PH SHALL BE TESTED, LIME SHALL BE APPLIED AS REQUIRED TO BRING SOIL PH TO 6.5
- MULCH: LAYER OF HAY OR STRAW, 2 TONS PER ACRE
- EXISTING GRADE
- SEED, SEE VEGETATIVE COVER SPECIFICATIONS BELOW
- FERTILIZER, COMMERCIAL 5-10-5, 175 POUNDS PER ACRE

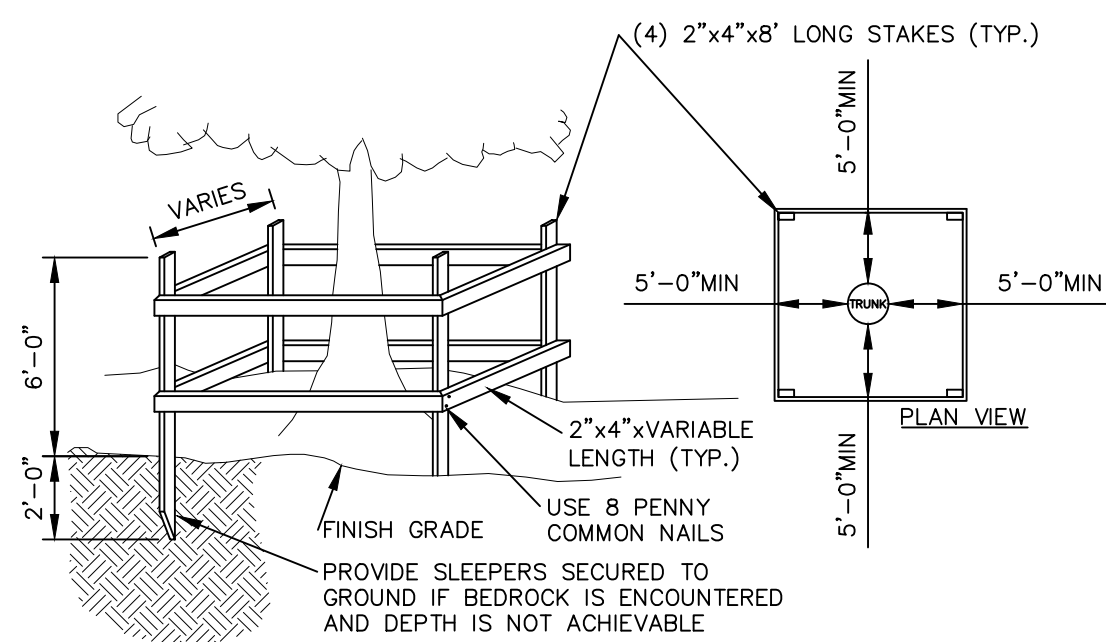
TES:

- TOPSOIL, SEED AND MULCH DETAIL
NOT TO SCALE

[illegible]

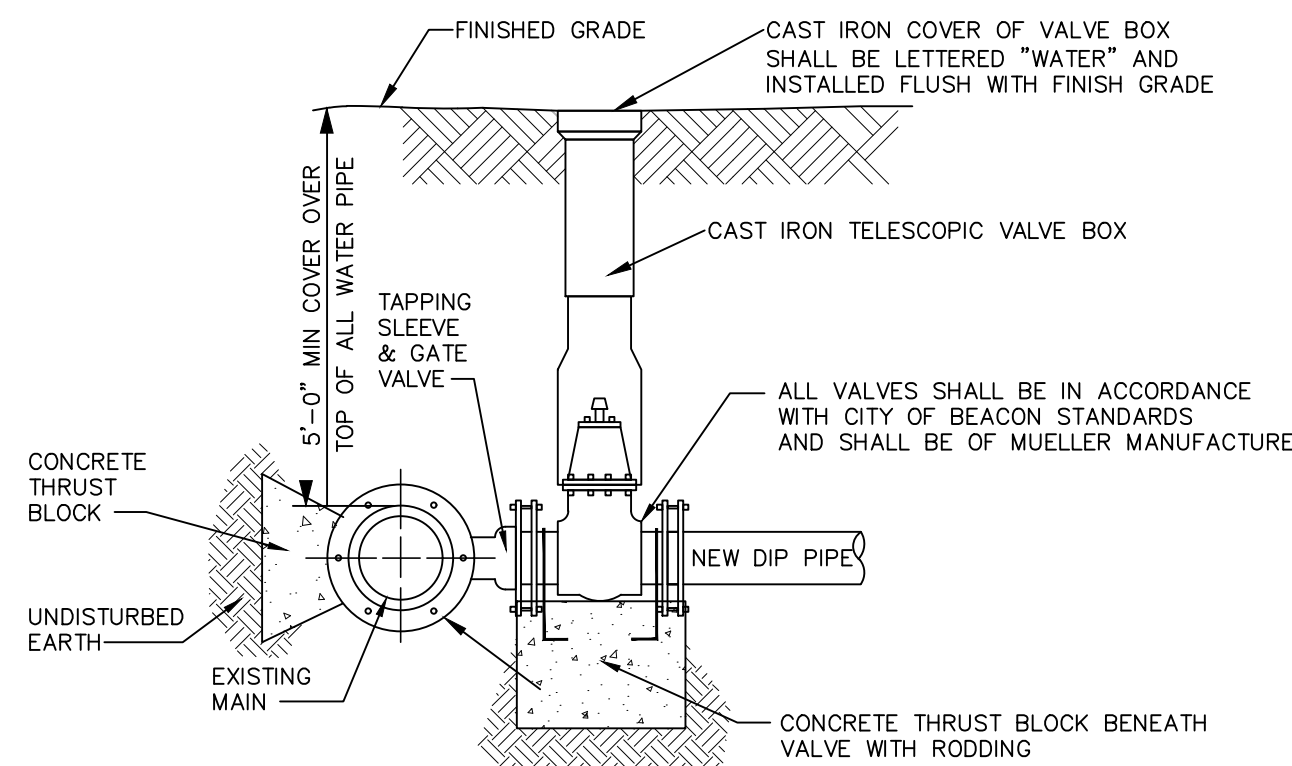
NOTES:

- STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



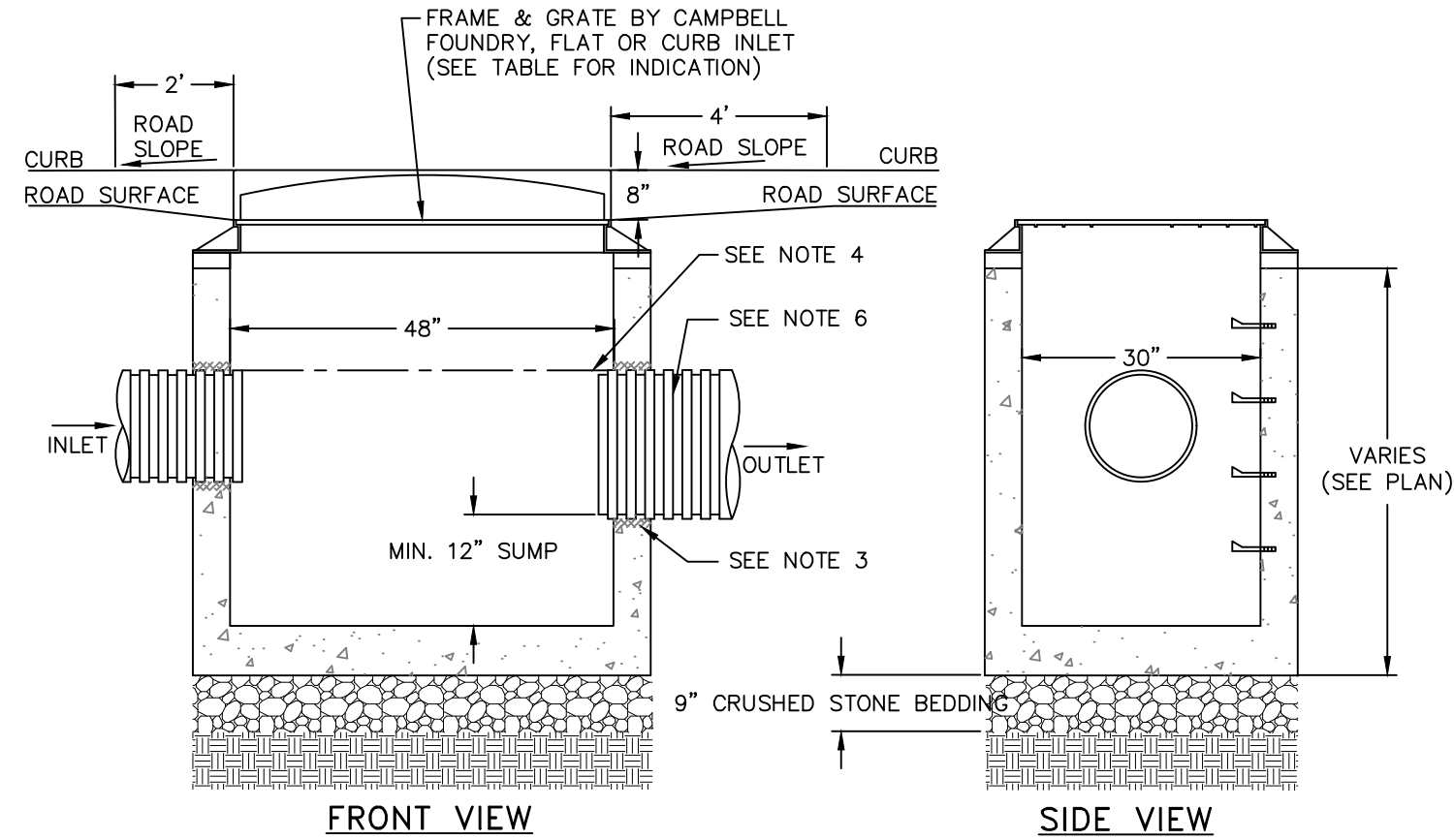
NOTES:

1. TREES TO REMAIN NOTED ON EXISTING CONDITIONS PLAN.
2. NOT ALL TREES TO REMAIN REQUIRE PROTECTION. TREE PROTECTION TO BE UTILIZED ON TREES WHERE CONSTRUCTION TRAFFIC WOULD COMPACT THE ROOT ZONE OF THE TREE.

[illegible]

NOTES:

1. WHEN THE ELEVATION OF THE SANITARY OR STORM SEWER CAN NOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATER SERVICE LINE OR MAIN SHALL BE RELOCATED TO PROVIDE THIS REQUIRED SEPARATION OR RECONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN (10) FEET ON EACH SIDE OF THE SEWER, ONE FULL LENGTH OF WATERMAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AWAY FROM THE SEWER AS POSSIBLE.
2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, ENLARGED PARTICLES, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED.
3. THE RELOCATED WATER MAIN/SERVICE LINE SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA, NYSDDOH AND CDCDOH STANDARDS.
4. PAVEMENT FILLING SHALL BE IN ACCORDANCE WITH THE PAVEMENT RESTORATION DETAIL.
5. ALL REPLACED WATERMAIN SHALL BE 12" CLASS 52 DUCTILE IRON.



| REVISIONS: | | | |
|------------|---------|-------------------------------------|-----|
| NO. | DATE | DESCRIPTION | BY |
| 1 | 7/25/17 | ADDED SHEET | CMB |
| 2 | 8/29/17 | REVISED PER PLANNING BOARD COMMENTS | CMB |
| | | | |

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE CITY OF BEACON, NEW YORK, ON THE _____ DAY OF _____, 20____, SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS _____ DAY OF _____, 20____, BY _____

_____, CHAIRMAN

SECRETARY

IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY
RESPECTIVELY MAY SIGN IN THIS PLACE.