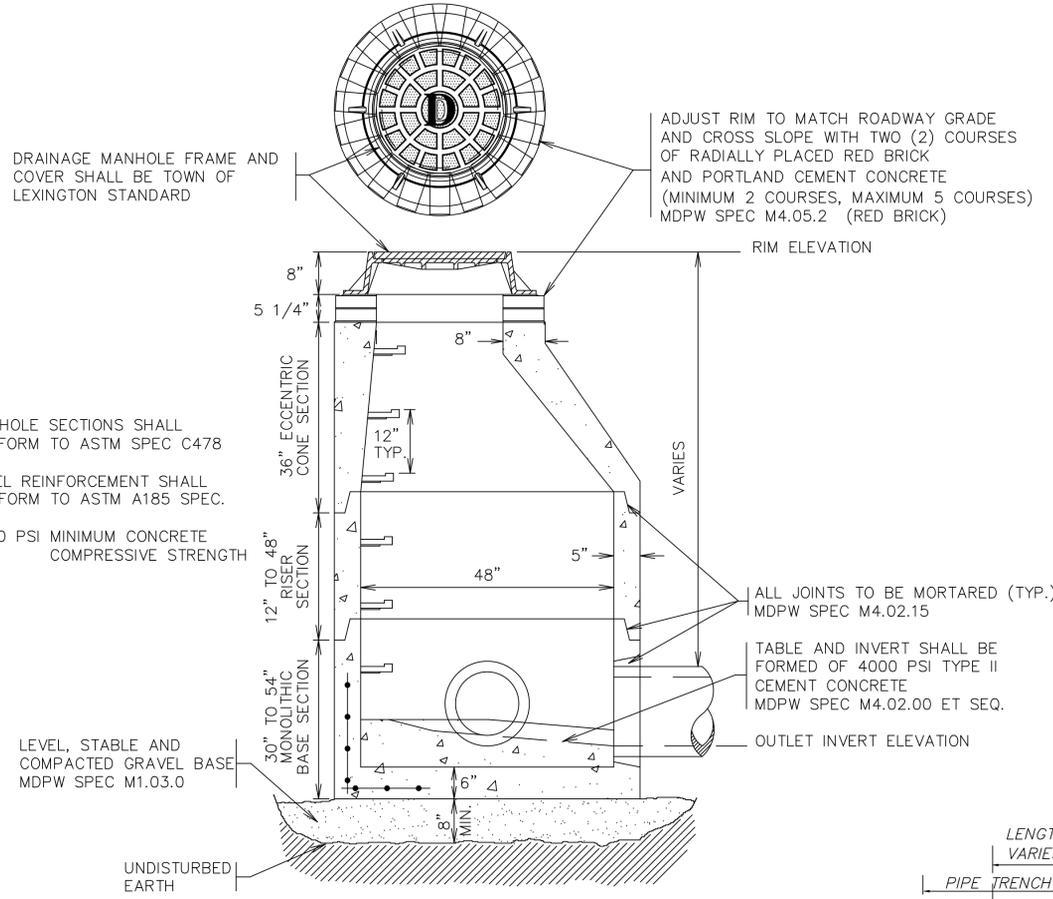


- NOTES:
1. THE USE OF FLEXIBLE CONNECTIONS IS RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.
 2. THE COVER SHOULD BE POSITIONED OVER THE 24"Ø OUTLET RISER PIPE AND THE 6"Ø OIL PORT.
 3. THE STORMCEPTOR SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: #4985148, #5498331, #5725760, #5753115, #5849181.

STORMCEPTOR 900
HYDRO CONDUIT
 STC 900 Precast Concrete Stormceptor (900 US Gallon Capacity)
 (NOT TO SCALE)



MANHOLE SECTIONS SHALL CONFORM TO ASTM SPEC C478

STEEL REINFORCEMENT SHALL CONFORM TO ASTM A185 SPEC.

4000 PSI MINIMUM CONCRETE COMPRESSIVE STRENGTH

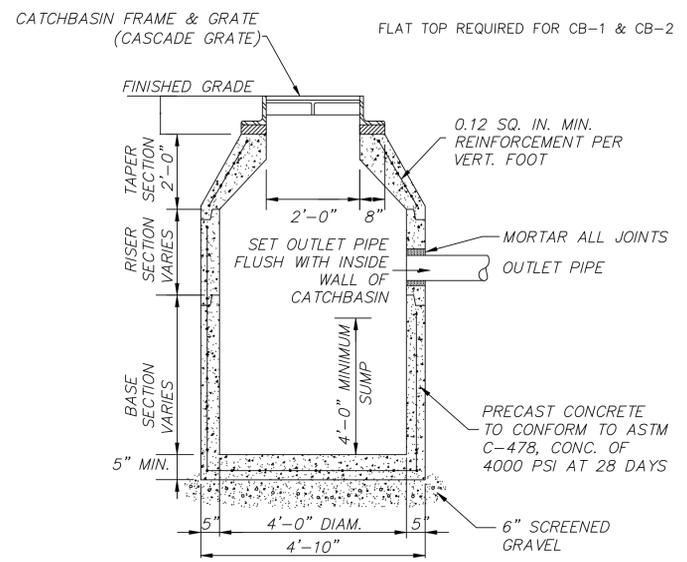
ADJUST RIM TO MATCH ROADWAY GRADE AND CROSS SLOPE WITH TWO (2) COURSES OF RADIALLY PLACED RED BRICK AND PORTLAND CEMENT CONCRETE (MINIMUM 2 COURSES, MAXIMUM 5 COURSES) MDPW SPEC M4.05.2 (RED BRICK)

ALL JOINTS TO BE MORTARED (TYP.) MDPW SPEC M4.02.15

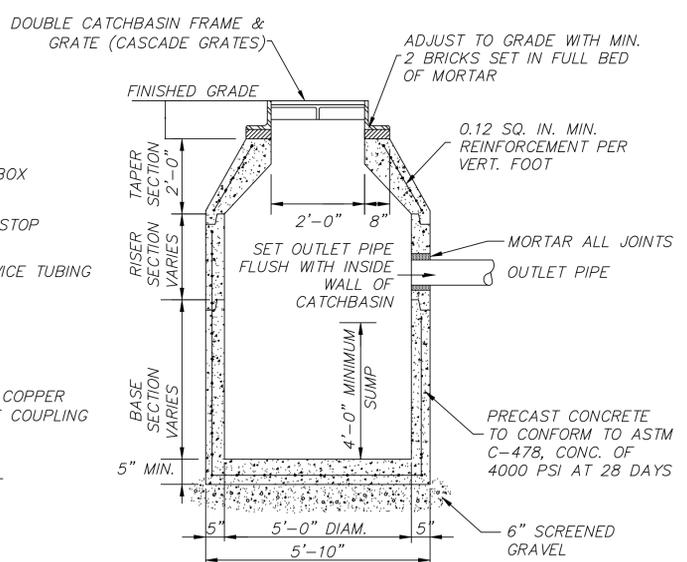
TABLE AND INVERT SHALL BE FORMED OF 4000 PSI TYPE II CEMENT CONCRETE MDPW SPEC M4.02.00 ET SEQ.

LEVEL, STABLE AND COMPACTED GRAVEL BASE MDPW SPEC M1.03.0

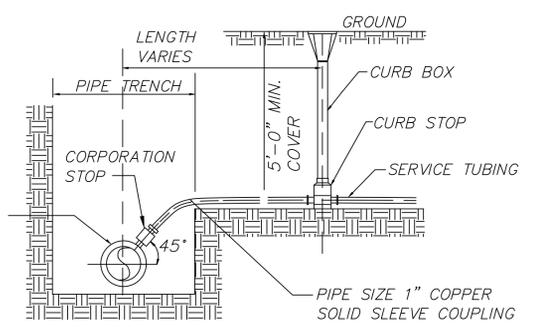
TYPICAL DRAINAGE MANHOLE DETAIL (NOT TO SCALE)



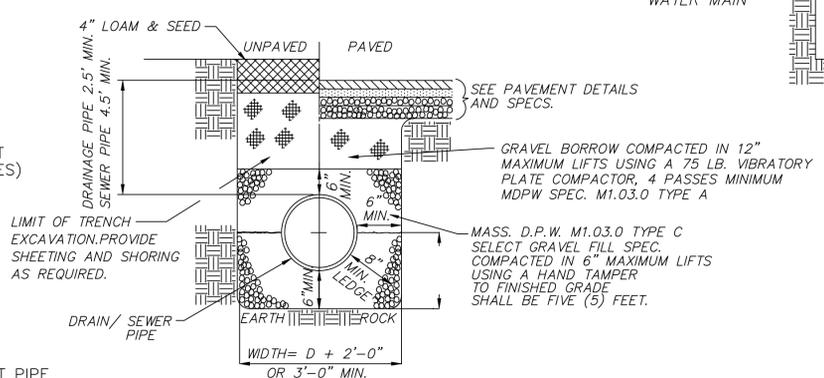
TYPICAL CONCRETE CATCH BASIN (NOT TO SCALE)



DOUBLE CONCRETE CATCH BASIN CB-1 & CB-2 (NOT TO SCALE)



TYPICAL WATER SERVICE (NOT TO SCALE)



STORM DRAIN / SEWER TRENCH DETAIL (NOT TO SCALE)

ADJUST RIM TO MATCH ROADWAY GRADE AND CROSS SLOPE WITH TWO (2) COURSES OF RADIALLY PLACED RED BRICK AND PORTLAND CEMENT CONCRETE (MINIMUM 2 COURSES, MAXIMUM 5 COURSES) MDPW SPEC M4.05.2 (RED BRICK)

THE OUTLET INVERT SHALL BE AT LEAST 2" BELOW THE INLET INVERT

THE CROWNS OF THE INLET PIPE AND OUTLET PIPE SHALL MATCH UNLESS THE REQUIRED 2" MINIMUM DROP BETWEEN INLET AND OUTLET INVERTS REQUIRES THAT THE OUTLET CROWN BE INSTALLED LOWER

JOINTS SHALL BE SEALED WITH BUTYL RUBBER OR NEOPRENE RINGS AND PORTLAND TYPE II CEMENT CONCRETE

TABLE AND INVERT SHALL BE FORMED OF RED SEWER BRICK AND 4000 PSI TYPE II PORTLAND CEMENT CONCRETE MDPW SPEC M4.05.2 (RED BRICK) MDPW SPEC M4.02.00 et seq. (CEMENT CONCRETE)

PIPE TO MANHOLE CONNECTIONS SHALL BE MADE WITH CAST-IN FLEXIBLE SLEEVES (RUBBERIZED BOOTS)

OUTLET INVERT ELEVATION

REF.: MASSACHUSETTS HIGHWAY DEPARTMENT (MDPW) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, 1988 EDITION

THIS PLAN IS SUBJECT TO A COVENANT DATED _____

THIS PLAN IS SUBJECT TO A CERTIFICATE OF ACTION DATED _____

THIS PLAN IS SUBJECT TO A SPECIAL PERMIT DATED _____

I, _____, TOWN CLERK OF THE TOWN OF LEXINGTON, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE LEXINGTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

TOWN CLERK:

DATE:

APPROVED _____, 20__

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D

APPROVED BY:
LEXINGTON PLANNING BOARD

435-439 LINCOLN STREET
 BALANCED HOUSING RESIDENTIAL DEVELOPMENT

SITE CONSTRUCTION DETAILS
 LOCATED IN
 LEXINGTON, MASSACHUSETTS
 (MIDDLESEX COUNTY)

PREPARED FOR
 NORTH SHORE CONSTRUCTION & DEV., INC
 SCALE: 1" = N.T.S. DATE: NOV. 20, 2015

PREPARED BY
SULLIVAN ENGINEERING GROUP, LLC
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 WOBURN, MA 01888
 (781) 854-8644