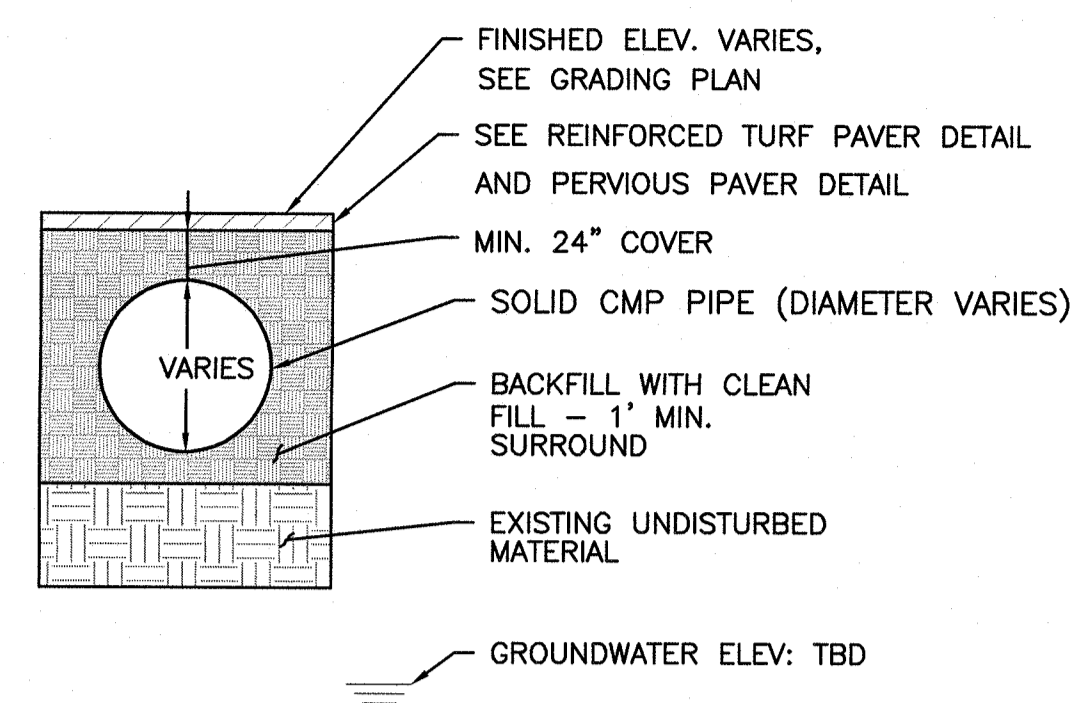


LENGTH OF SOLID CMP PIPE:  
518± L.F.

VOLUMES:  
DETENTION SYSTEM: 11,098 C.F. AVAILABLE STORAGE

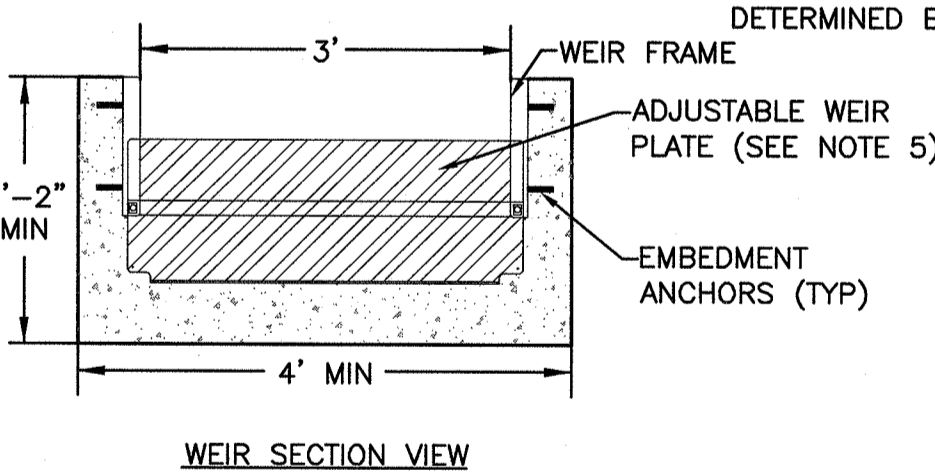
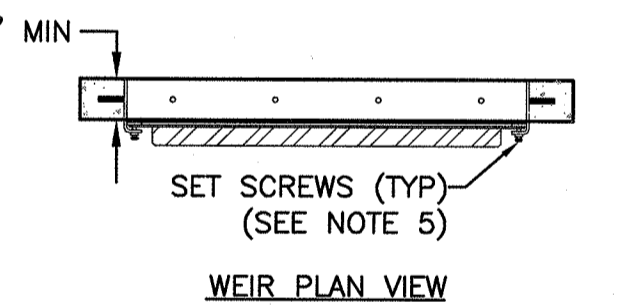
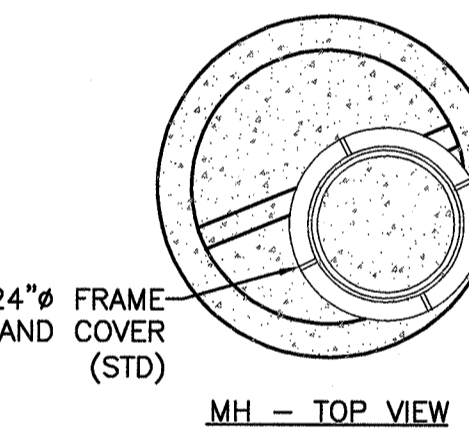
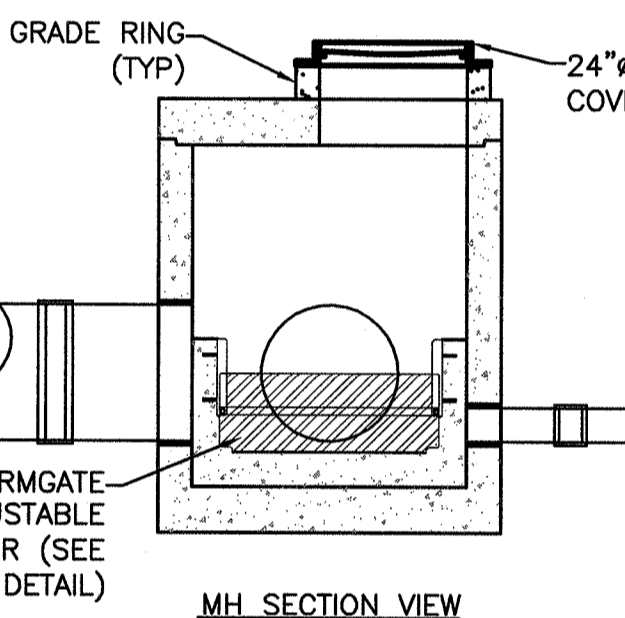
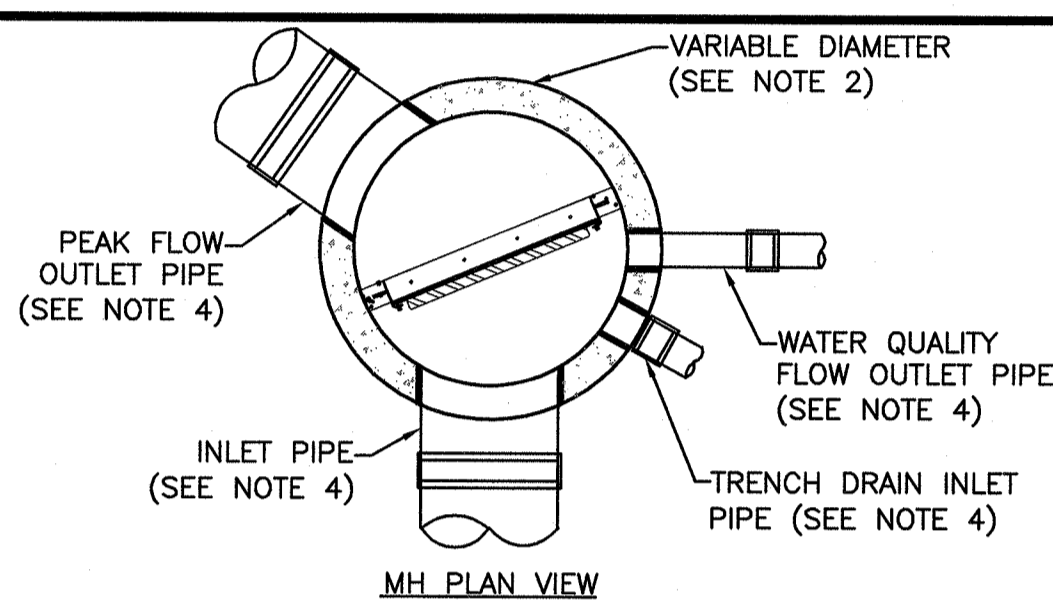
- NOTES:
- CONSTRUCTION LEVEL DETAILS TO BE PROVIDED PRIOR TO OBTAINING BUILDING PERMIT.
  - DETENTION SYSTEM TO BE BACKFILLED WITH CLEAN FILL.

**GENERAL DETENTION SYSTEM PLAN VIEW** (1)  
NOT TO SCALE



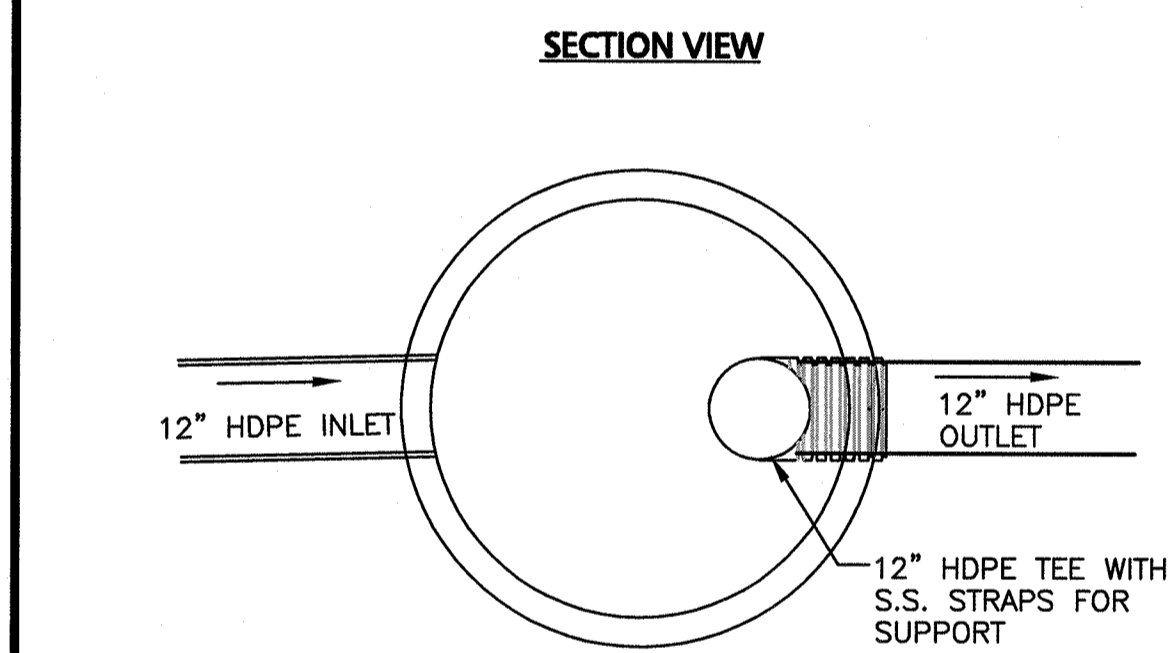
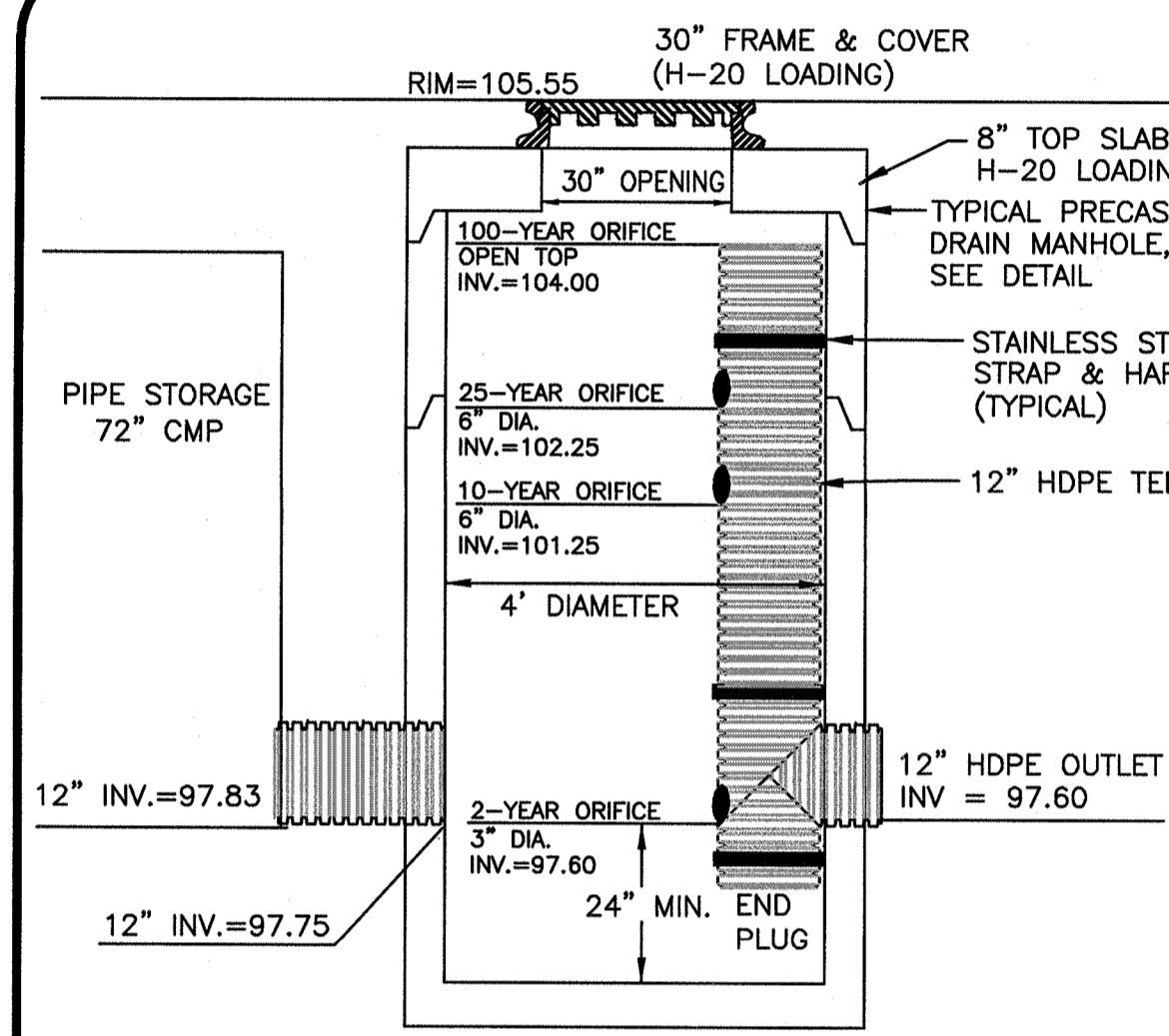
- NOTES:
- CONSTRUCTION LEVEL DETAILS TO BE PROVIDED PRIOR TO OBTAINING BUILDING PERMIT.
  - MATERIAL SHALL BE ALUMINIZED STEEL, TYPE 2.

**DETENTION SYSTEM #1: GENERAL CROSS SECTION** (2)  
NOT TO SCALE



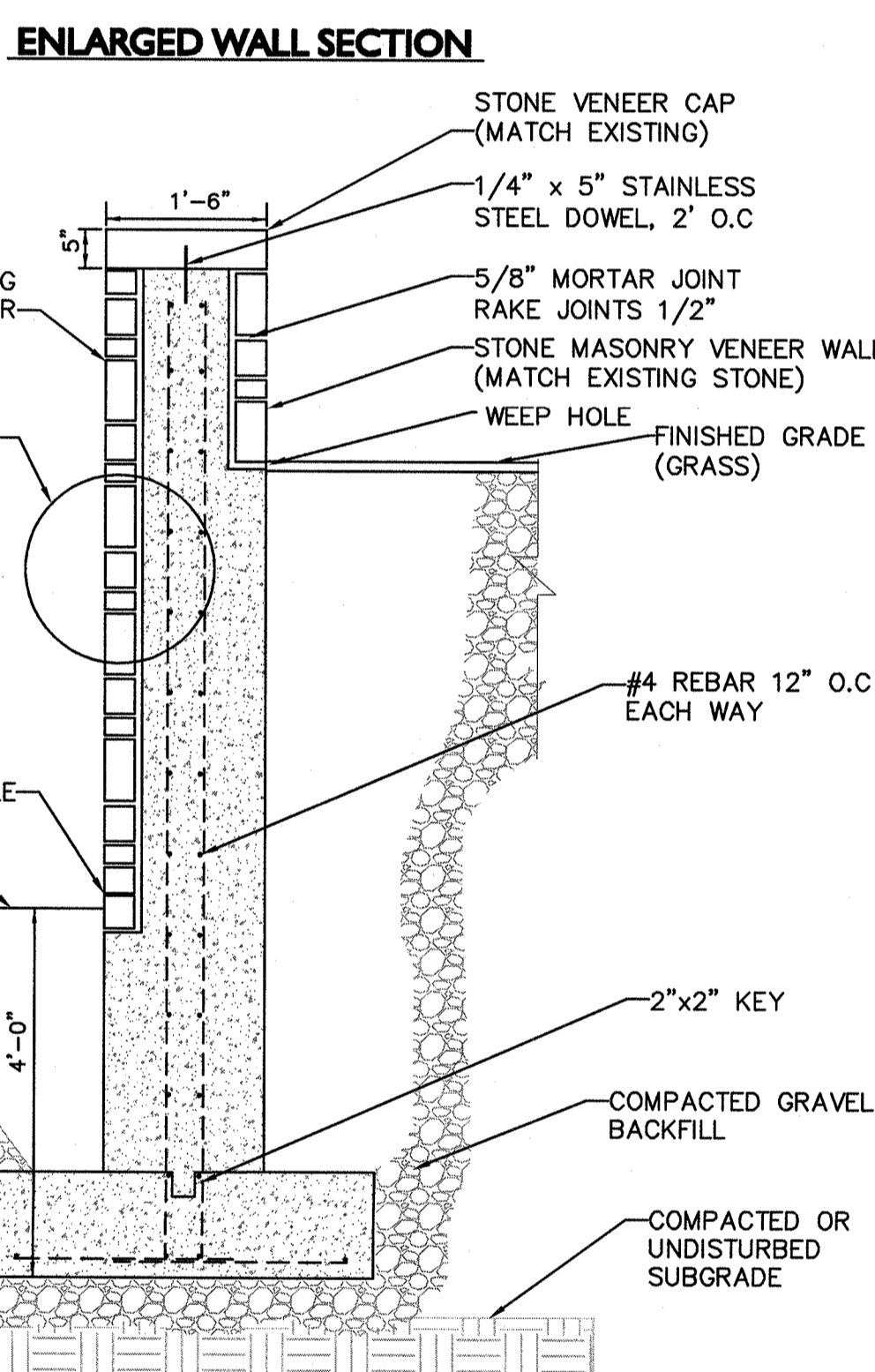
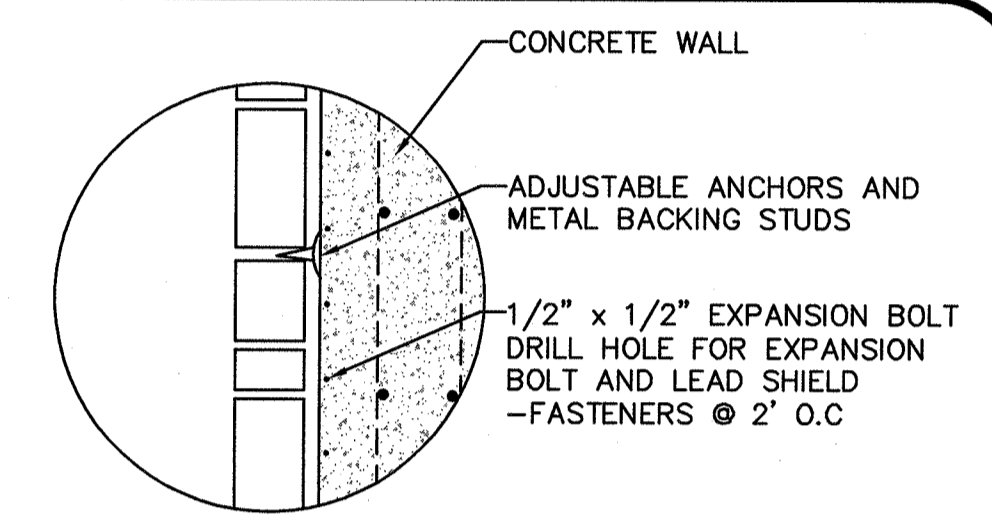
**DIVERSION MANHOLE (OCS-1)**  
STORMGATE MANHOLE HIGH FLOW BYPASS AND WEIR DETAIL (3)  
NOT TO SCALE

- GENERAL NOTES:
- STORMGATE BY CONTECH STORMWATER SOLUTIONS; PORTLAND, OR (800) 548-4667; SCARBOROUGH, ME (877) 907-8676; LINTHICUM, MD (866) 740-3318.
  - PRECAST MANHOLE TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478. DETAIL DRAWING REFLECTS DESIGN INTENT ONLY. ACTUAL DIMENSIONS AND CONFIGURATION OF STRUCTURE WILL BE SHOWN ON PRODUCTION SHOP DRAWING.
  - STRUCTURE AND ACCESS COVERS TO MEET MASHTO H-20 LOAD RATING.
  - INLET AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR. PRECAST STORMGATE MANHOLE EQUIPPED WITH EITHER CORED OPENINGS OR KNOCKOUTS AT INLET AND OUTLET LOCATIONS.
  - CONTRACTOR TO ADJUST WEIR TO DESIGN ELEVATION SPECIFIED BY CONTECH. DO NOT EXCEED 5.0 FT-LBS TORQUE WHEN TIGHTENING SCREWS ON WEIR FRAME. SEAL WEIR TO FRAME WITH RTV SILICONE SEALANT AFTER FINAL ADJUSTMENT.
  - SEE DRAINAGE PLAN FOR INVERTS AND RIM ELEVATION. FINAL WEIR HEIGHT TO BE DETERMINED BY CONTECH.



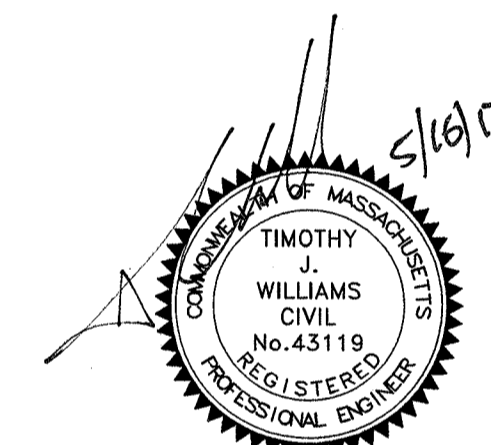
- NOTES:
- CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
  - ALL REINFORCEMENT PER ASTM C1227-93.
  - TONGUE & GROOVE JOINT SEALED WITH BUTYLE RESIN OR MASTIC.
  - WALLS ARE TO BE 6" THICK & BOTTOM TO BE 8" THICK.
  - PROVIDE 2' SUMP

**OUTLET CONTROL STRUCTURE #2** (4)  
NOT TO SCALE



**STONE VENEER WALL** (5)  
NOT TO SCALE

- PRELIMINARY LIST OF WAIVERS
- THE PROPOSED PROJECT IS A MULTIFAMILY RESIDENTIAL, 40B DEVELOPMENT. THE FOLLOWING IS A PRELIMINARY LIST OF WAIVERS, AS THE DEVELOPMENT PROGRESSES PAST THE CONCEPTUAL LEVEL, ADDITIONAL WAIVERS MAY BE ADDED. THE APPLICANT REQUESTS THE FOLLOWING WAIVERS FROM THE WESTON ZONING BOARD OF APPEALS FOR:
- SECTION V.D. RESIDENTIAL USE WITHIN THE BUSINESS DISTRICTS
  - SECTION V.I.3.2 EARTH REMOVAL
  - SECTION V.I.3.6 EARTH MOVEMENT
  - SECTION V.D.2 BUSINESS, OFFICE & RESEARCH AND DEVELOPMENT, AND COMMERCIAL DISTRICTS DIMENSIONAL REQUIREMENTS:
    - MINIMUM STREET SETBACK
    - MAXIMUM BUILDING COVERAGE
    - MINIMUM LOT LINE SETBACK (RETAINING WALLS)
    - MAXIMUM FLOOR TO LOT RATIO
  - SECTION V.I.H.2 TABLE OF HEIGHT LIMITATIONS
    - BUSINESS B - LOT LESS THAN 5 ACRES, 35 FT. OR 2.5 STORIES
  - SECTION VIII.A1 PARKING FOR MULTIPLE DWELLING UNITS
    - PARKING SPACES PER DWELLING UNIT.
  - SECTION XI.A SITE PLAN APPROVAL AS A PREREQUISITE
  - ARTICLE XXVIII STORMWATER AND EROSION CONTROL BYLAW
  - SECTION VIII.2 LOCATION AND SIZE OF PARKING AREA (TANDEM PARKING)



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION
2	05/16/17	PER PEER REVIEW COMMENTS

APPLICANT/OWNER:  
104 STONY BROOK, LLC  
PO BOX 158  
WABAN, MA 02468

PROJECT:  
STONY BROOK WESTON  
104 BOSTON POST ROAD  
WESTON, MA

PROJECT NO. 2275-01 DATE: 03-28-2017  
SCALE: N.T.S. DWG. NAME: C-2275-01  
DESIGNED BY: ND/DMR CHECKED BY: TJW

PREPARED BY:

**ALLEN & MAJOR ASSOCIATES, INC.**  
civil & structural engineering • land surveying  
environmental consulting • landscape architecture  
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DRAWING TITLE: DETAILS SHEET No. D-4