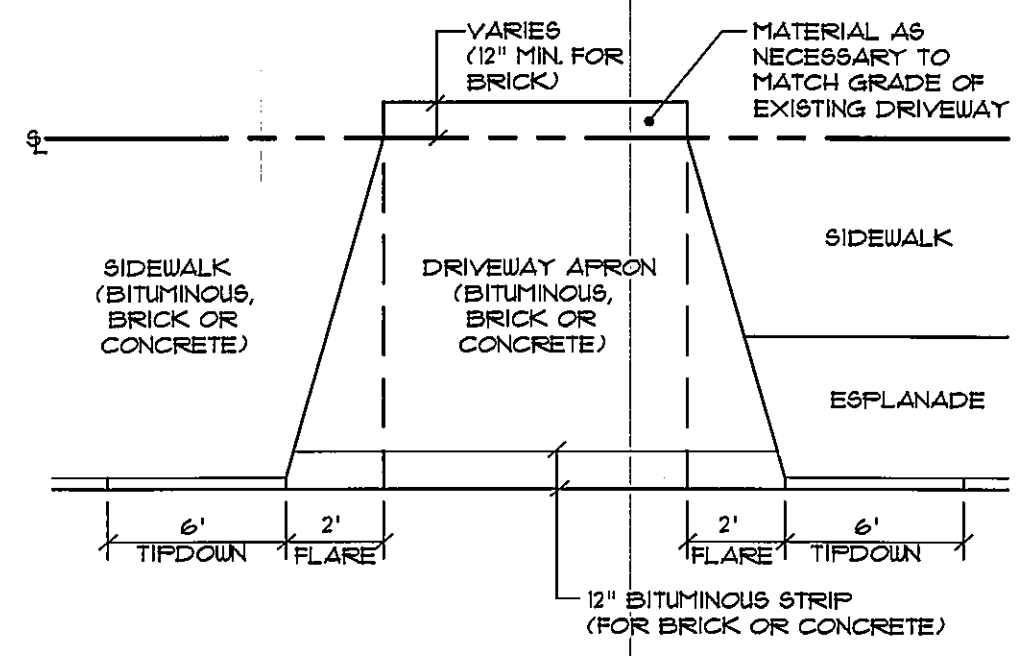
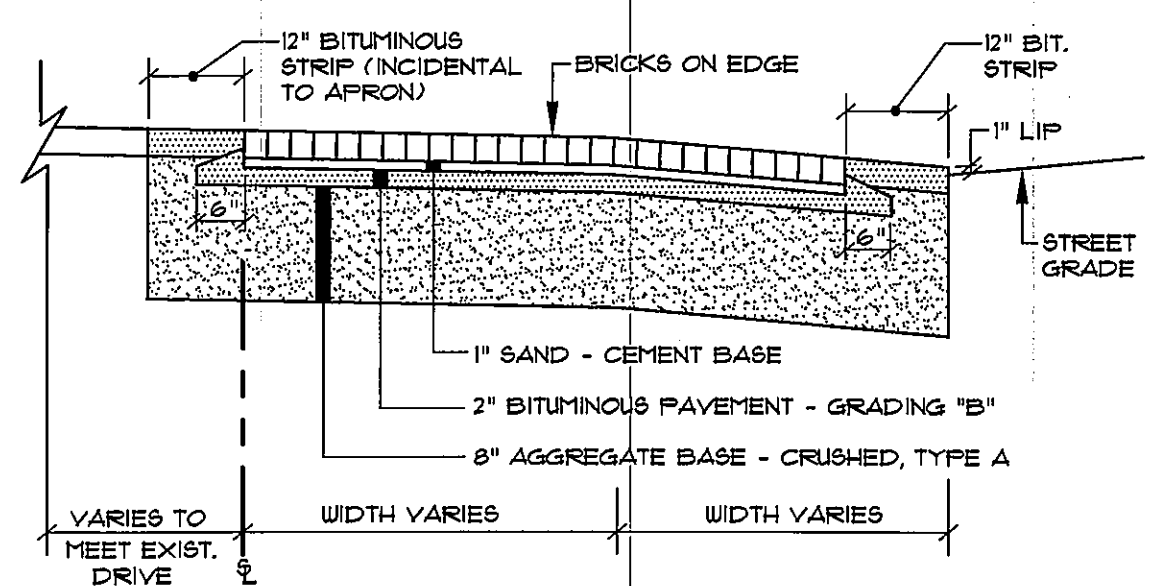


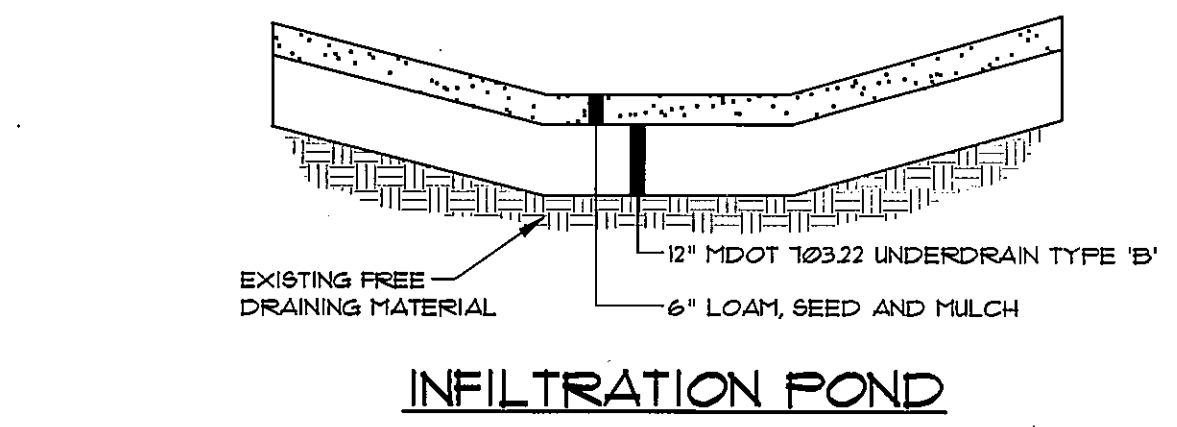
CONCRETE BLOCK RETAINING WALL
NOT TO SCALE



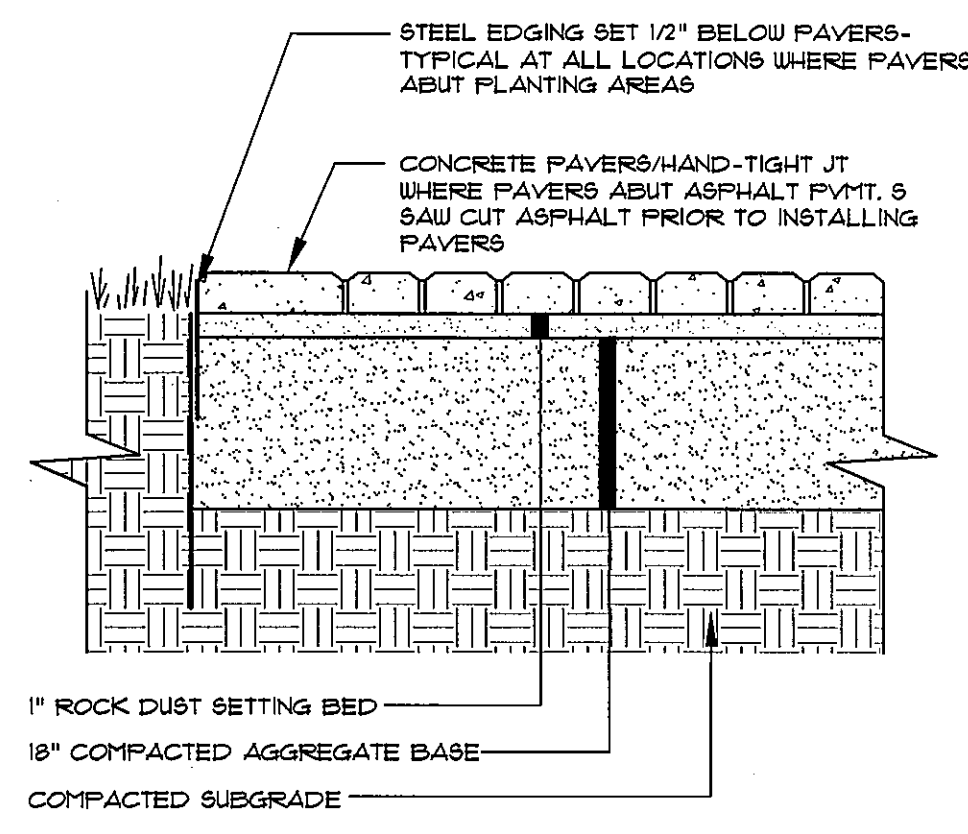
SIDEWALK & DRIVEWAY CONSTRUCTION
NOT TO SCALE



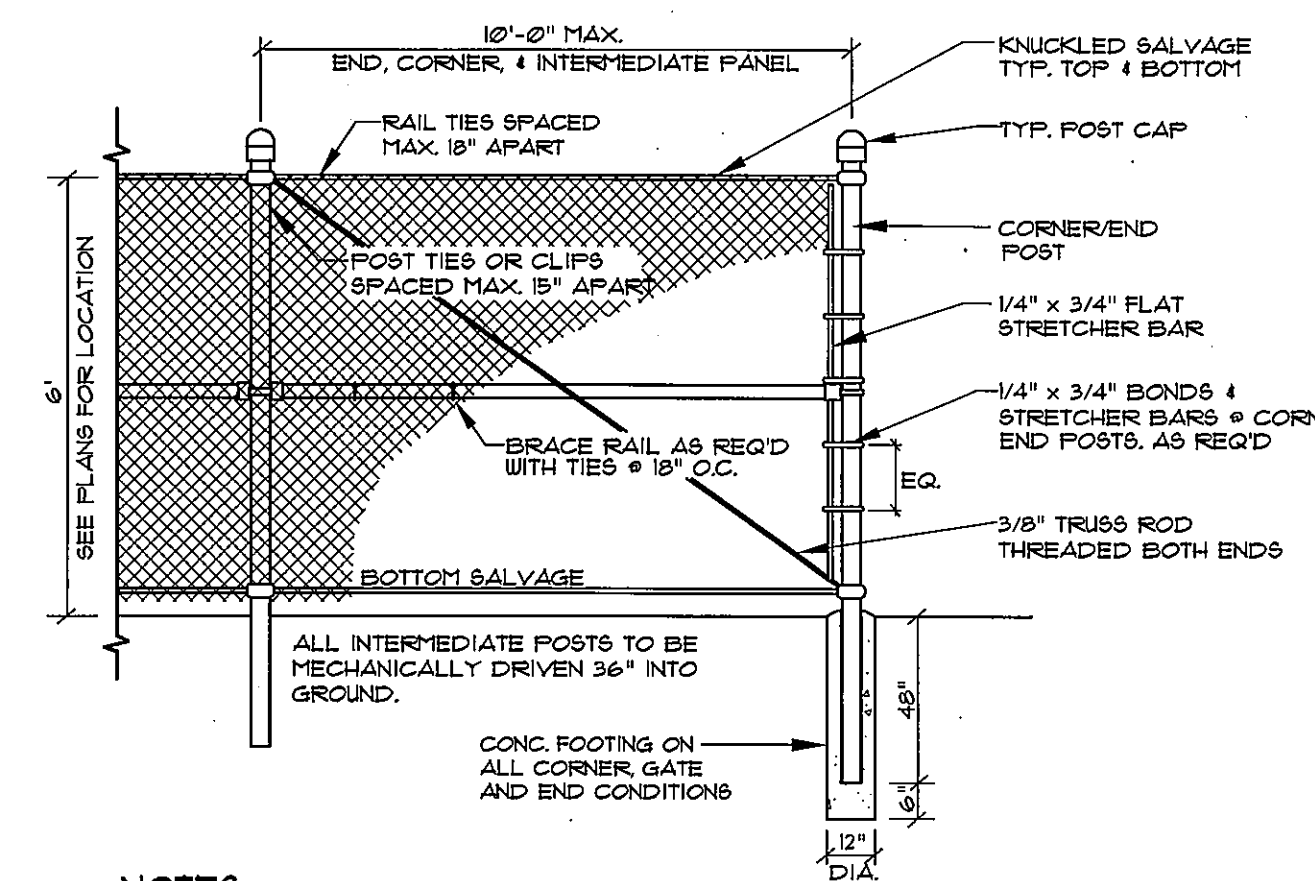
BRICK WITH BITUMINOUS BASE DRIVEWAY CONSTRUCTION
NOT TO SCALE



INFILTRATION POND
NOT TO SCALE



SPECIALTY PAVEMENT AT WALK
NOT TO SCALE



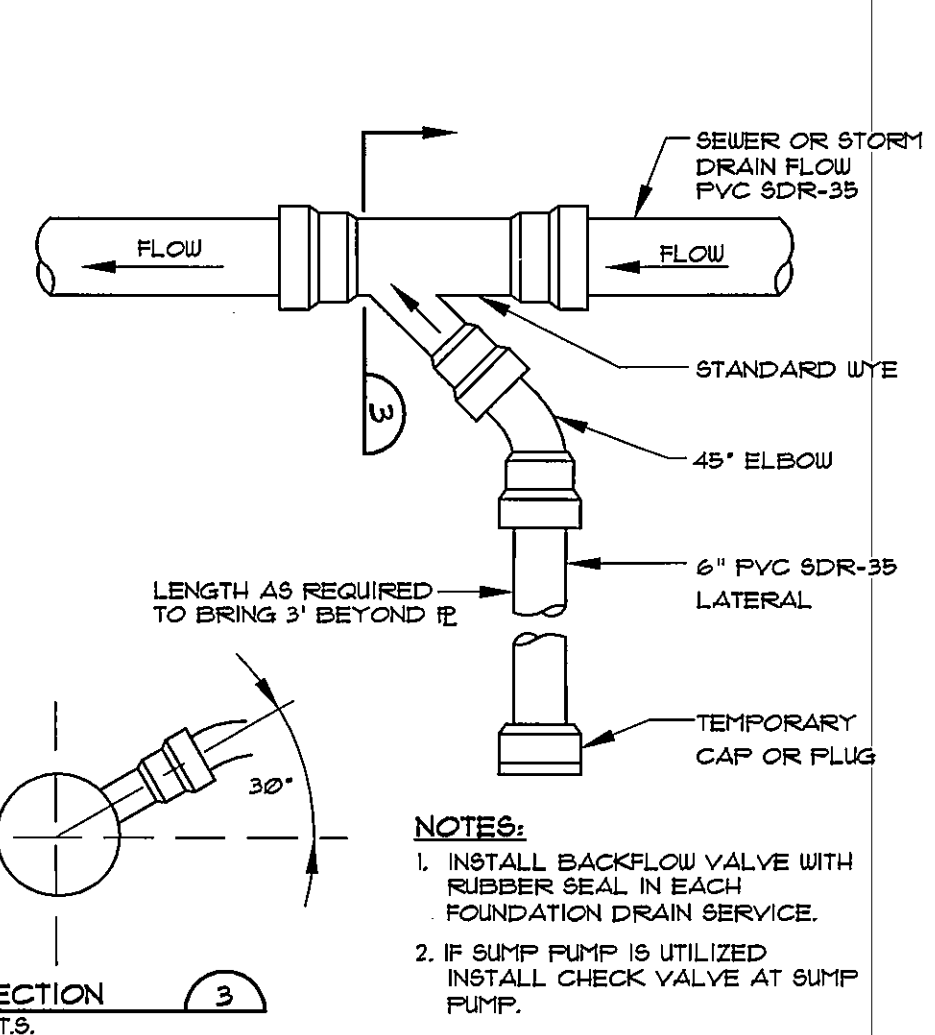
- NOTES:**
- CORNER OR END POST: NOMINAL 3" O.D. GALVANIZED STEEL PIPE, MIN. 5.75 LB/LF.
 - INTERMEDIATE POST: NOMINAL 2-1/2" O.D. GALVANIZED STEEL PIPE, MIN. 3.65 LB/LF.
 - BRACES (TOP & BOTTOM): NOMINAL 1-5/8" O.D. GALVANIZED STEEL PIPE, MIN. 2.71 LB/LF.
 - THE OUTSIDE OF THE FENCE FABRIC SHALL BE 3" INSIDE THE EDGE OF PAVEMENT.
 - BRACE RAIL AND DIAGONAL BRACE ROD SHALL BE INSTALLED AT EACH 10' CORNER SECTION OF ENCLOSURE.
 - CONCRETE SHALL HAVE MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3,000 psi WITH 6% AIR ENTRAINMENT.
 - SUBMIT SHOP DRAWINGS FOR OWNER'S/ENGINEER'S APPROVAL.
 - FENCE FABRIC, POST, RAILS AND APPURTENANCES SHALL BE VINYL CLAD; COLOR: GREEN.

TYPICAL CHAIN LINK FENCE
NOT TO SCALE

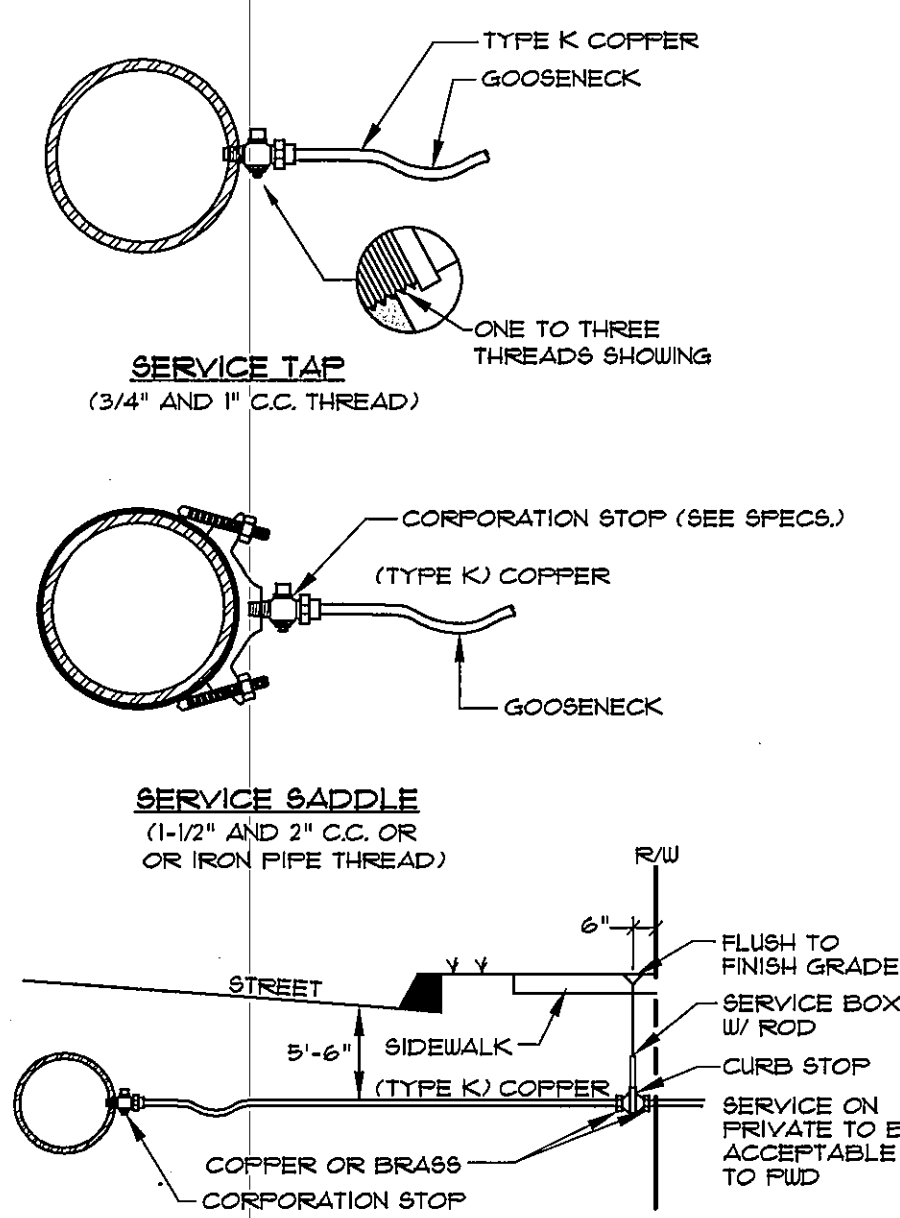
- NOTE:**
- STRUCTURAL FILL SHALL BE FREE DRAINING, WELL GRADED GRANULAR MATERIAL MEETING THE FOLLOWING GRADATION AS DETERMINED IN ACCORDANCE WITH ASTM D422.

SIEVE SIZE	PERCENT PASSING
4 INCH	100
3/4 INCH	60 - 90
NO. 4	20 - 80
NO. 20	0 - 5
 - THE PLASTICITY OF THE FINE FRACTION OF BACKFILL SOIL SHALL BE LESS THAN 6 AND THE PH OF THE BACKFILL MATERIAL SHALL BE BETWEEN 3 AND 9 WHEN TESTED IN ACCORDANCE WITH ASTM G-51.
 - FOUNDATION EXCAVATION SHALL EXTEND TO UNDISTURBED NATURAL DEPOSITS. ALL EXISTING TOPSOIL, LOOSE MATERIAL, FILL, ORGANIC SOIL AND OTHER SOFT OR UNSTABLE FOUNDATION SOILS SHALL BE REMOVED FROM THE AREA TO BE OCCUPIED BY THE WALL AND REPLACED WITH COMPACTED SELECT FILL.
 - INSTALL BASE COURSE OF BLOCKS ON PREPARED FOUNDATION LEVELING PAD. ENSURE THAT BASE COURSE IS LEVEL SIDE TO SIDE AND FLUMB. ADJUST BLOCKS AS REQUIRED TO PROVIDE A STRAIGHT AND LEVEL BASE COURSE.
 - INSTALL DRAINAGE AGGREGATE AND BACKFILL SOIL BEHIND THE WALL AND BACKFILL SOIL IN FRONT OF THE BASE COURSE TO THE ELEVATION INDICATED. INSTALL MATERIAL IN MAXIMUM 10" THICK LIFTS COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557, MODIFIED PROCTOR TEST. DO NOT USE HEAVY EQUIPMENT WITHIN 3 FEET OF THE BACK FACE OF THE WALL. COMPACT TO MINIMUM 95% WITHIN FIRST 3 FEET.
 - CONTRACTOR SHALL TAKE PRECAUTIONS DURING THE INSTALLATION AND COMPACTION OF THE DRAINAGE AND BACKFILL MATERIAL TO ENSURE THAT BACKFILL MATERIAL DOES NOT CONTAMINATE THE DRAINAGE LAYER DIRECTLY BEHIND THE WALL. REMOVE AND REPLACE ANY AREAS OF DRAINAGE MATERIAL THAT INDICATELY BECOMES CONTAMINATED DURING THE BACKFILLING OPERATION.
 - THE RETAINING WALL SHALL BE A PRECAST WALL SYSTEM WITH A MINIMUM BLOCK WEIGHT OF 1,100 LBS CONFORMING TO THE GRADES SHOWN ON THE CONTRACT DRAWINGS. WORK SHALL INCLUDE FURNISHING AND INSTALLING APPURTENANT MATERIALS REQUIRED FOR CONSTRUCTION OF THE COMPLETE SYSTEM. SUBMIT FOR REVIEW 2 SETS OF SHOP DRAWINGS FOR THE RETAINING WALL SYSTEM PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MAINE. THE SHOP DRAWINGS SHALL INDICATE THE LAYOUT, HEIGHT, AND CONSTRUCTION DETAILS OF THE RETAINING WALL SYSTEM. DESIGN SHALL CONFORM TO RELEVANT REQUIREMENTS AND DESIGN METHODOLOGIES OF AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES. UPON REQUEST, DESIGN CALCULATIONS SHALL ALSO BE SUBMITTED. ALL BLOCKS SHALL BE THE MINIMUM SIZE OF THE UNITS SPECIFIED ON THE CONTRACT DRAWINGS AND IN THESE NOTES.

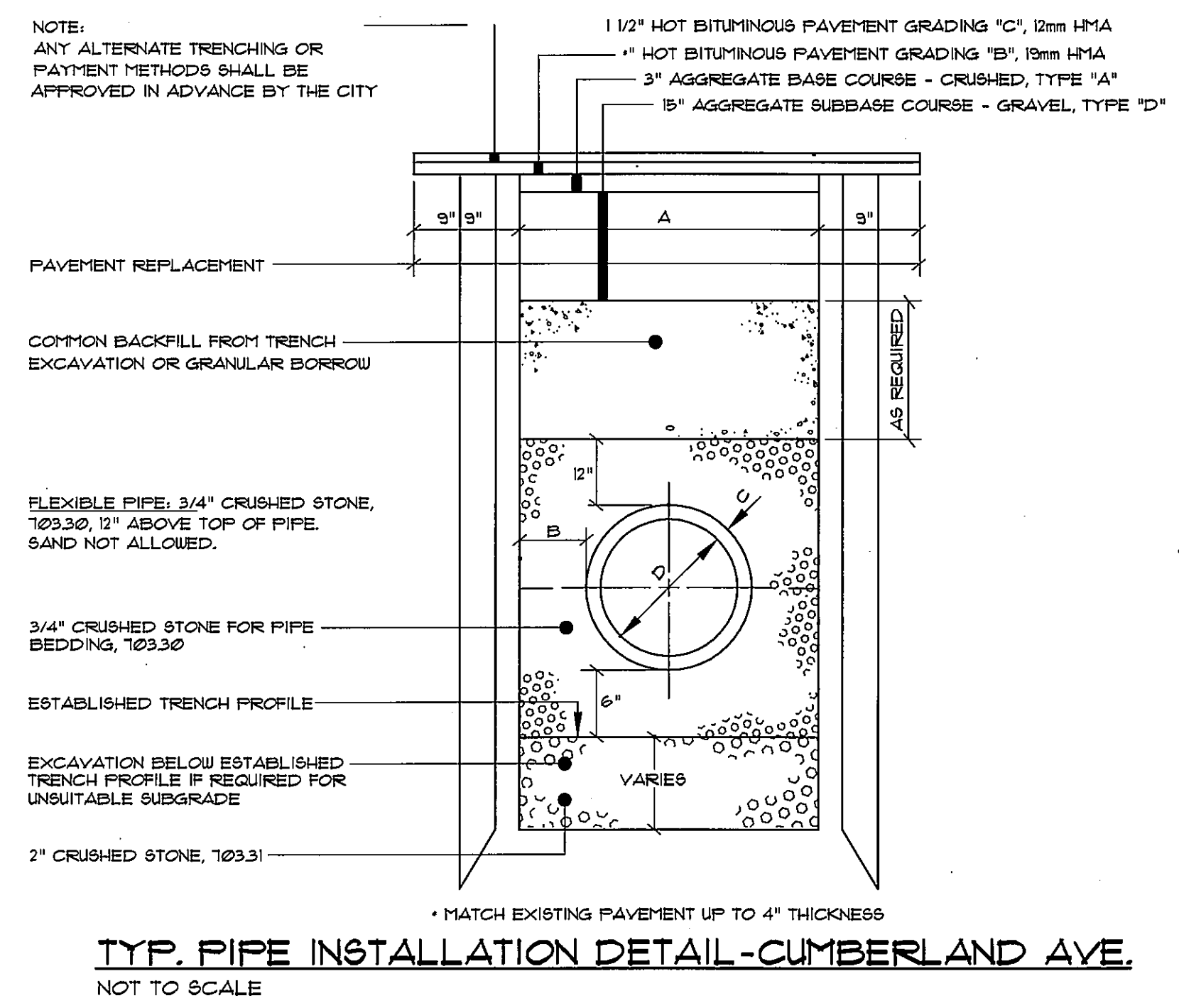
STONETERRA WALL SYSTEM DETAIL
NOT TO SCALE



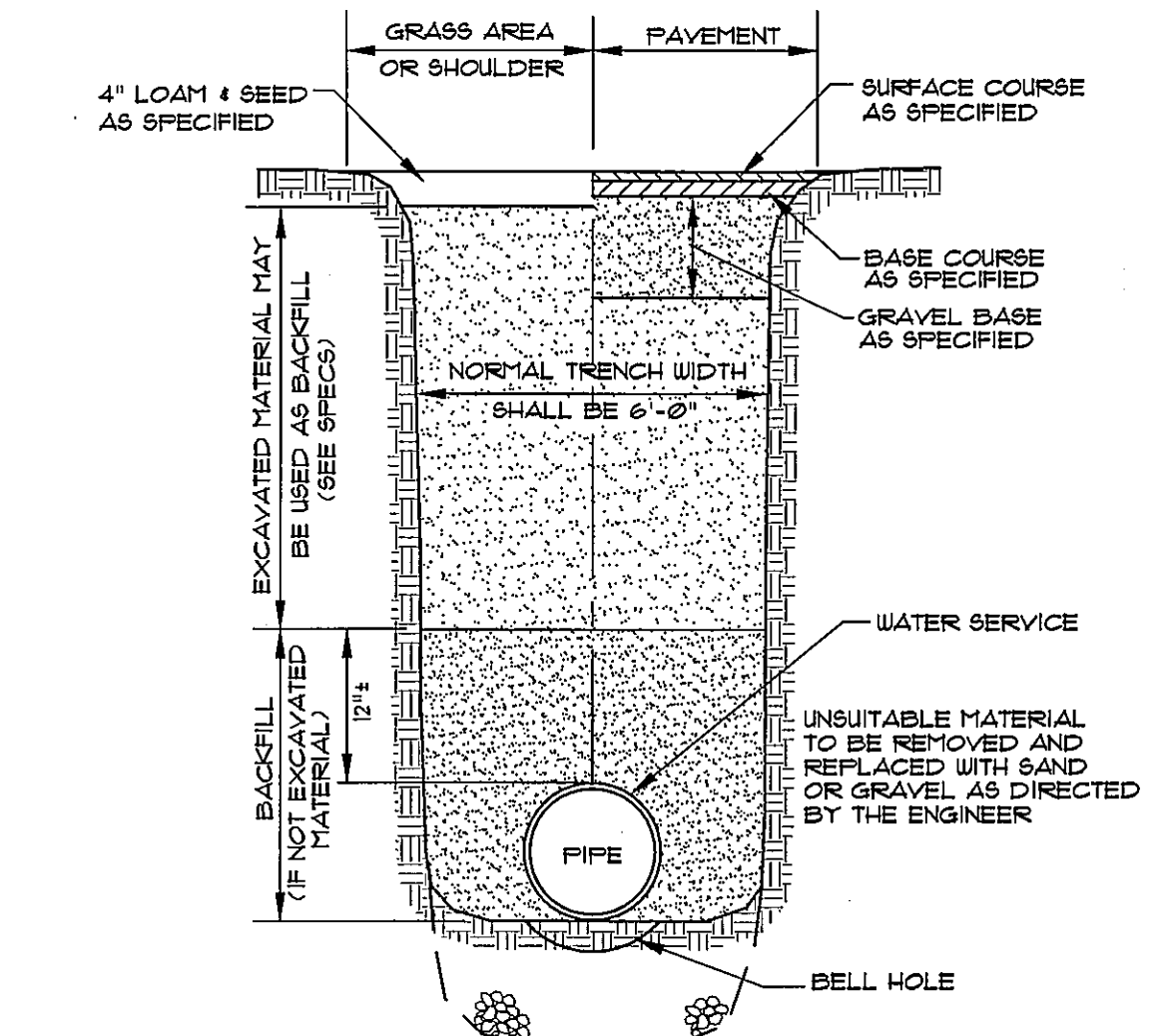
SEWER / FOUNDATION DRAIN SERVICE CONNECTION
NOT TO SCALE



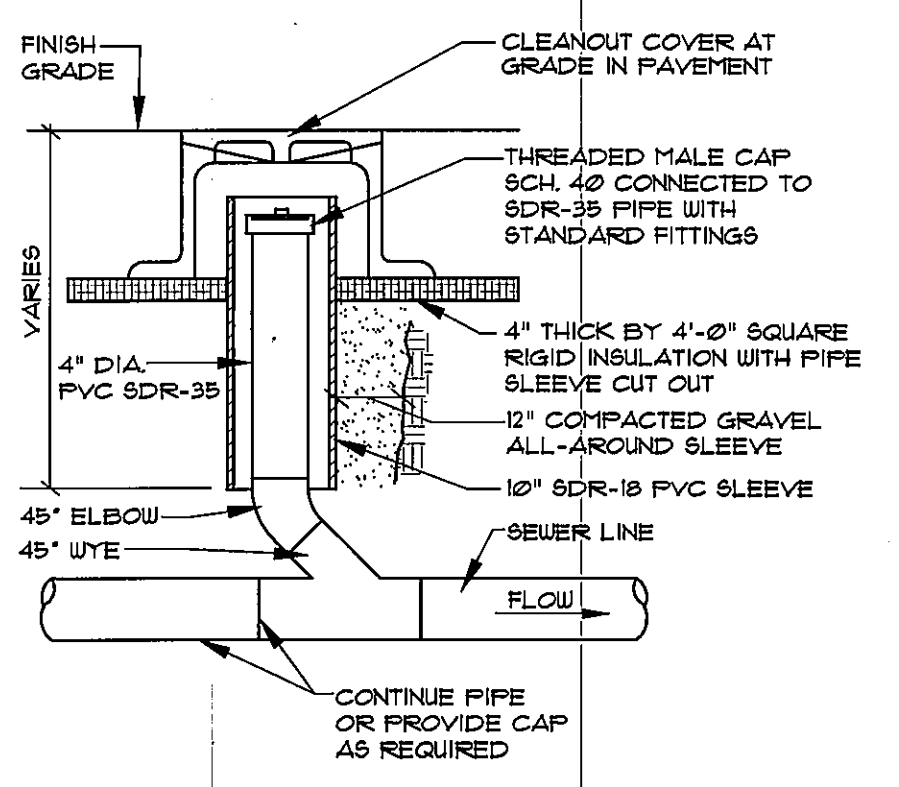
TYPICAL SERVICE CONNECTION
NOT TO SCALE



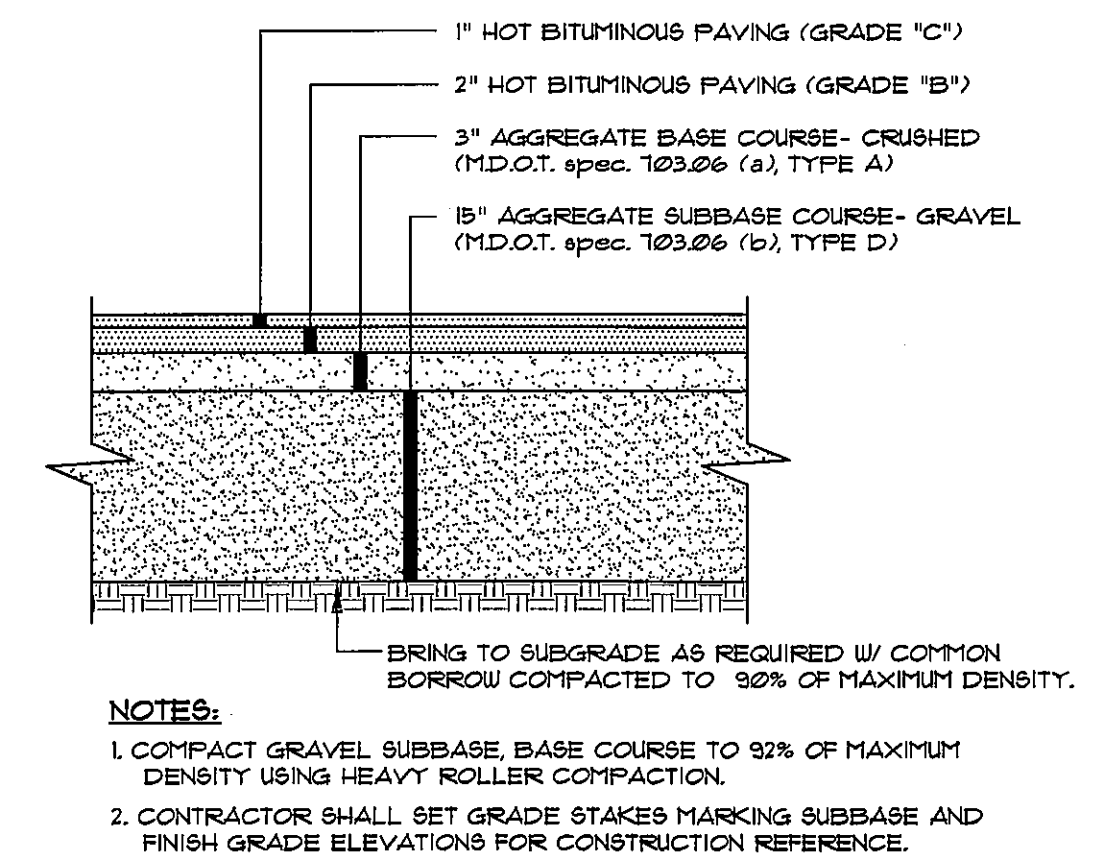
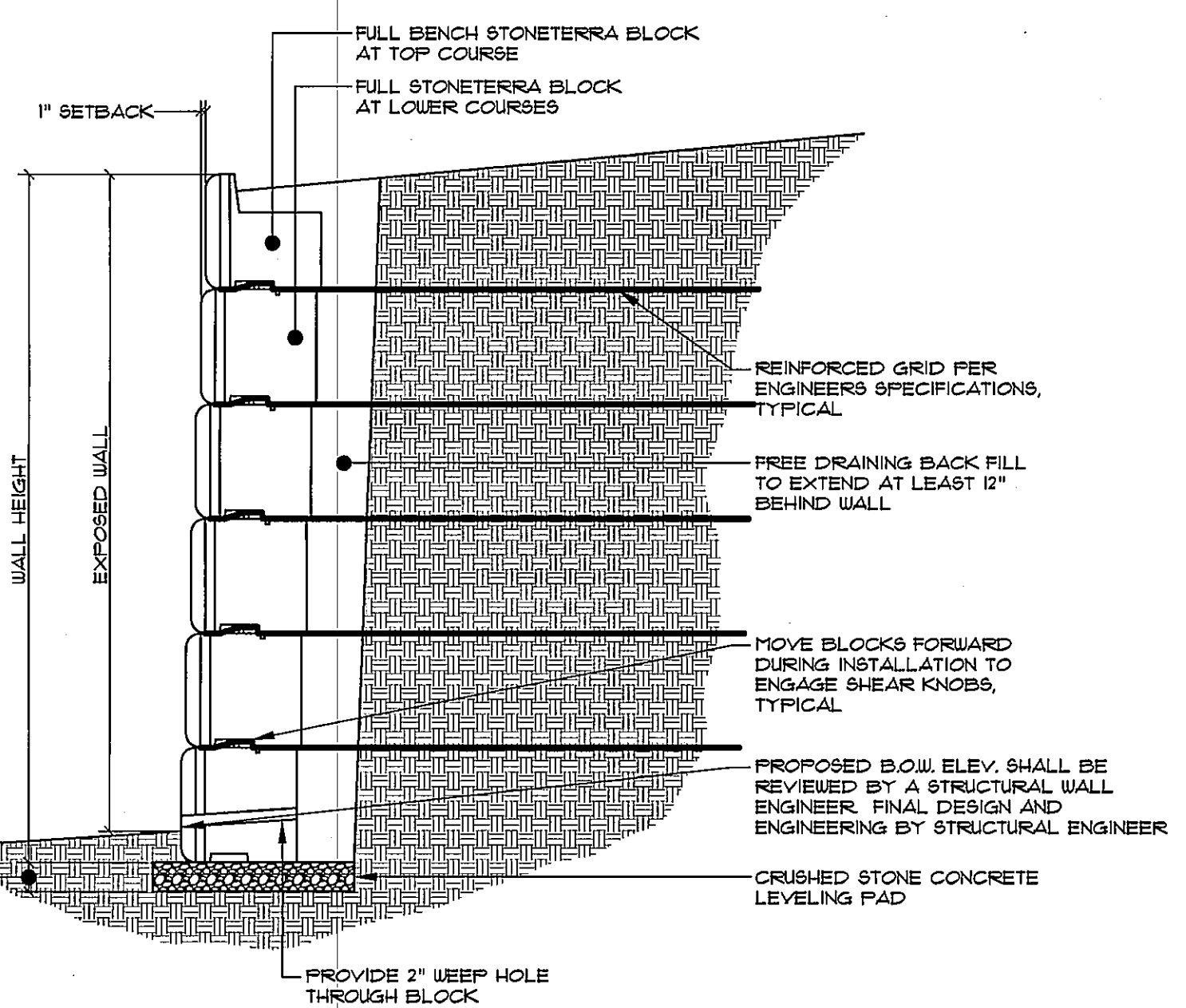
TYP. PIPE INSTALLATION DETAIL - CUMBERLAND AVE.
NOT TO SCALE



SECTION THRU EARTH TRENCH
NOT TO SCALE



SEWER CLEANOUT IN PAVEMENT AREAS
NOT TO SCALE



TYP. PAVED PARKING LOT SECTION
NOT TO SCALE

NOT FOR CONSTRUCTION
STATE OF MAINE
ROBERT A. McSORLEY
No. 8588
LICENSED PROFESSIONAL ENGINEER
MECHANICAL

#	REV.	BY	DATE	STATUS

SEBAGO TECHNICS
WWW.SEBOGOTECHNICS.COM
75 Main Street, Suite B
South Portland, ME 04106
Tel. 207-763-8586

PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN	JAR
14073			SAG		

DETAILS
OF:
97 CUMBERLAND AVENUE
PORTLAND, MAINE
FOR:
PETER DUGAS
243 STATE STREET
PORTLAND, MAINE

DATE	SCALE
03/24/14	N.T.S.

SHEET 5 OF 5