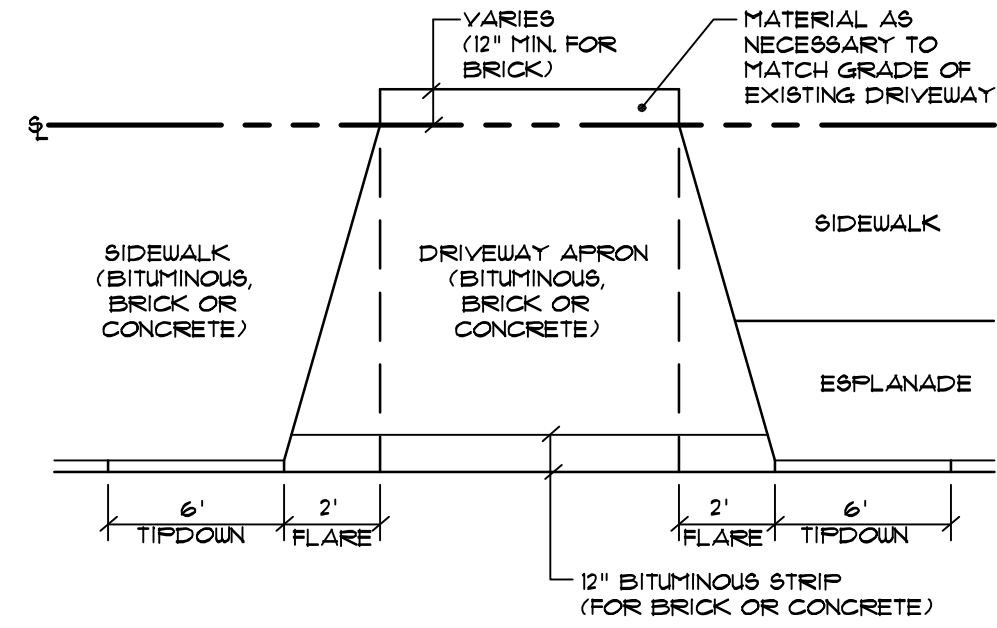


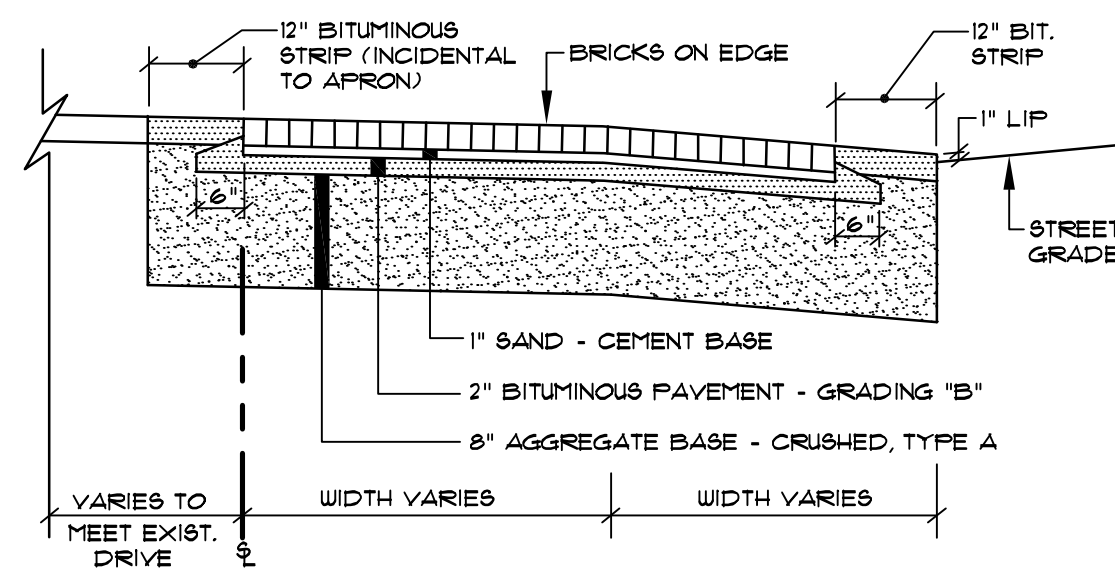
ROOF DRAIN CONNECTOR

NOT TO SCALE



SIDEWALK & DRIVEWAY CONSTRUCTION

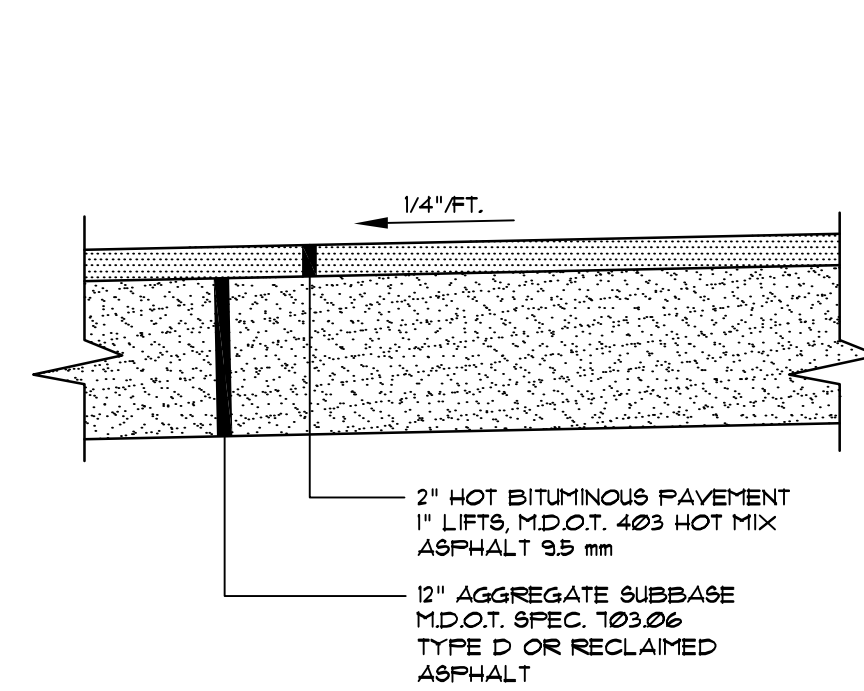
NOT TO SCALE



NOTE: BORDER COURSE OF BRICK SHALL BE MORTARED TO CONCRETE BASE.

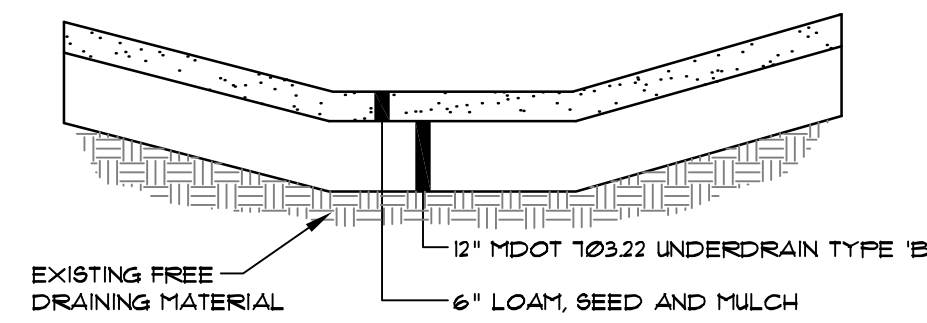
BRICK WITH BITUMINOUS BASE DRIVEWAY CONSTRUCTION

NOT TO SCALE



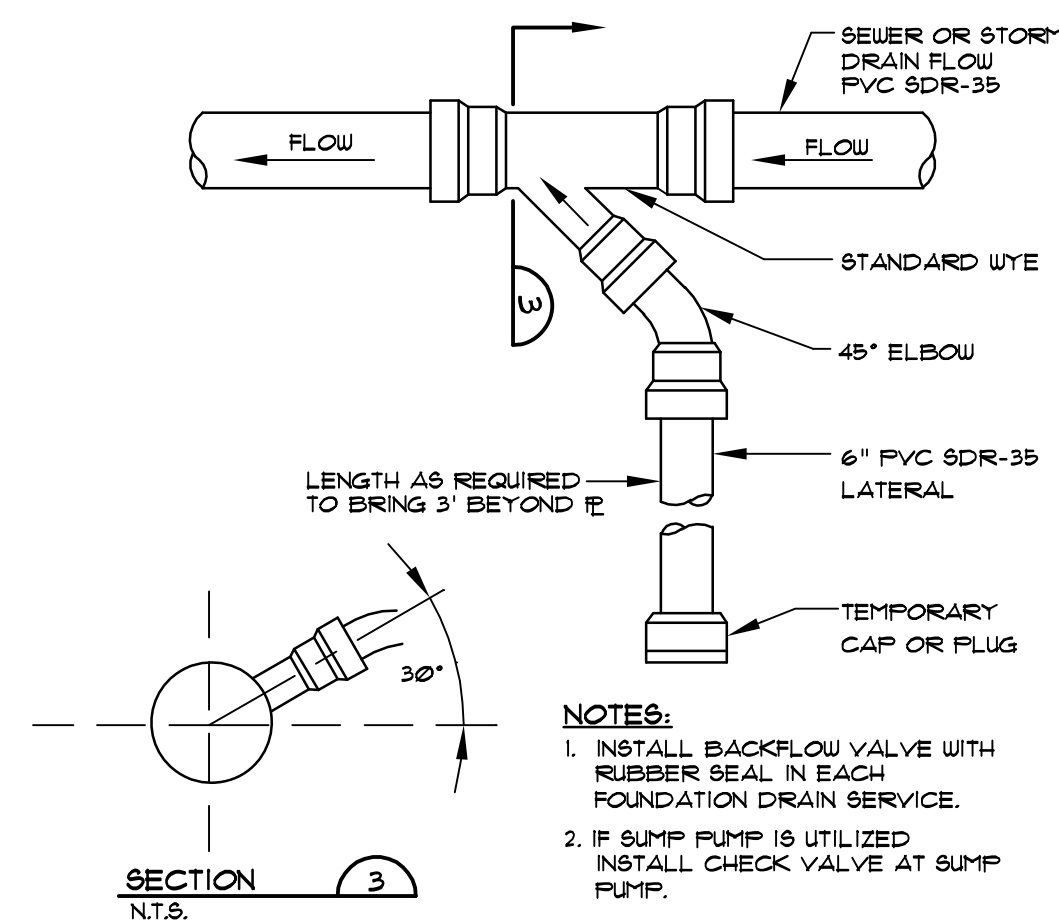
BITUMINOUS SIDEWALK

NOT TO SCALE



INFILTRATION POND

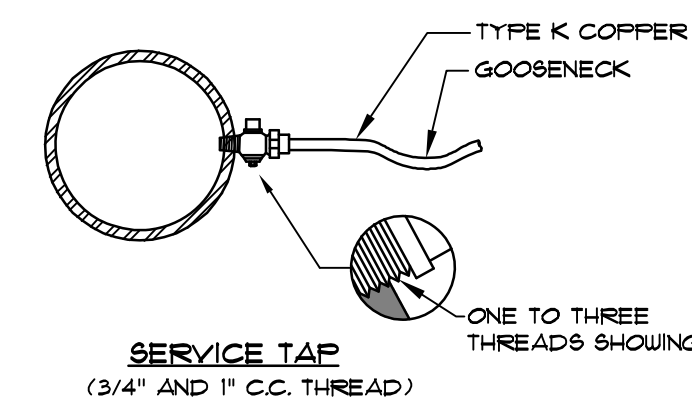
NOT TO SCALE



SEWER / FOUNDATION DRAIN SERVICE CONNECTION

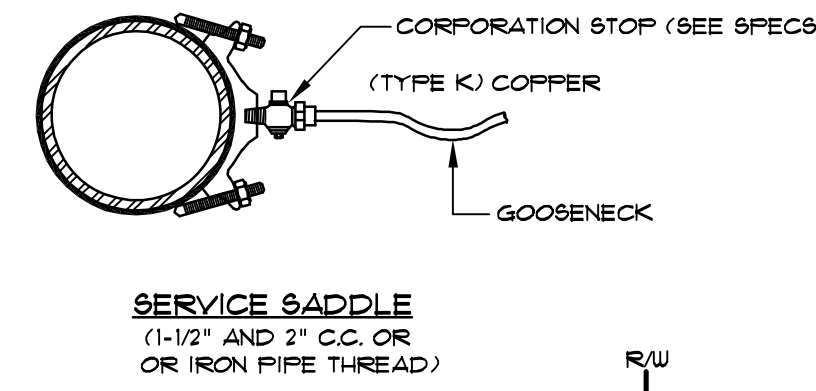
NOT TO SCALE

- NOTES:
1. INSTALL BACKFLOW VALVE WITH RUBBER SEAL IN EACH FOUNDATION DRAIN SERVICE.
 2. IF SUMP PUMP IS UTILIZED INSTALL CHECK VALVE AT SUMP PUMP.



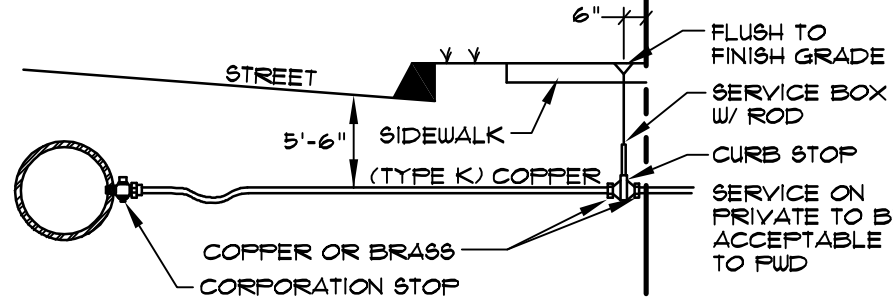
SERVICE TAP

(3/4" AND 1" C.C. THREAD)



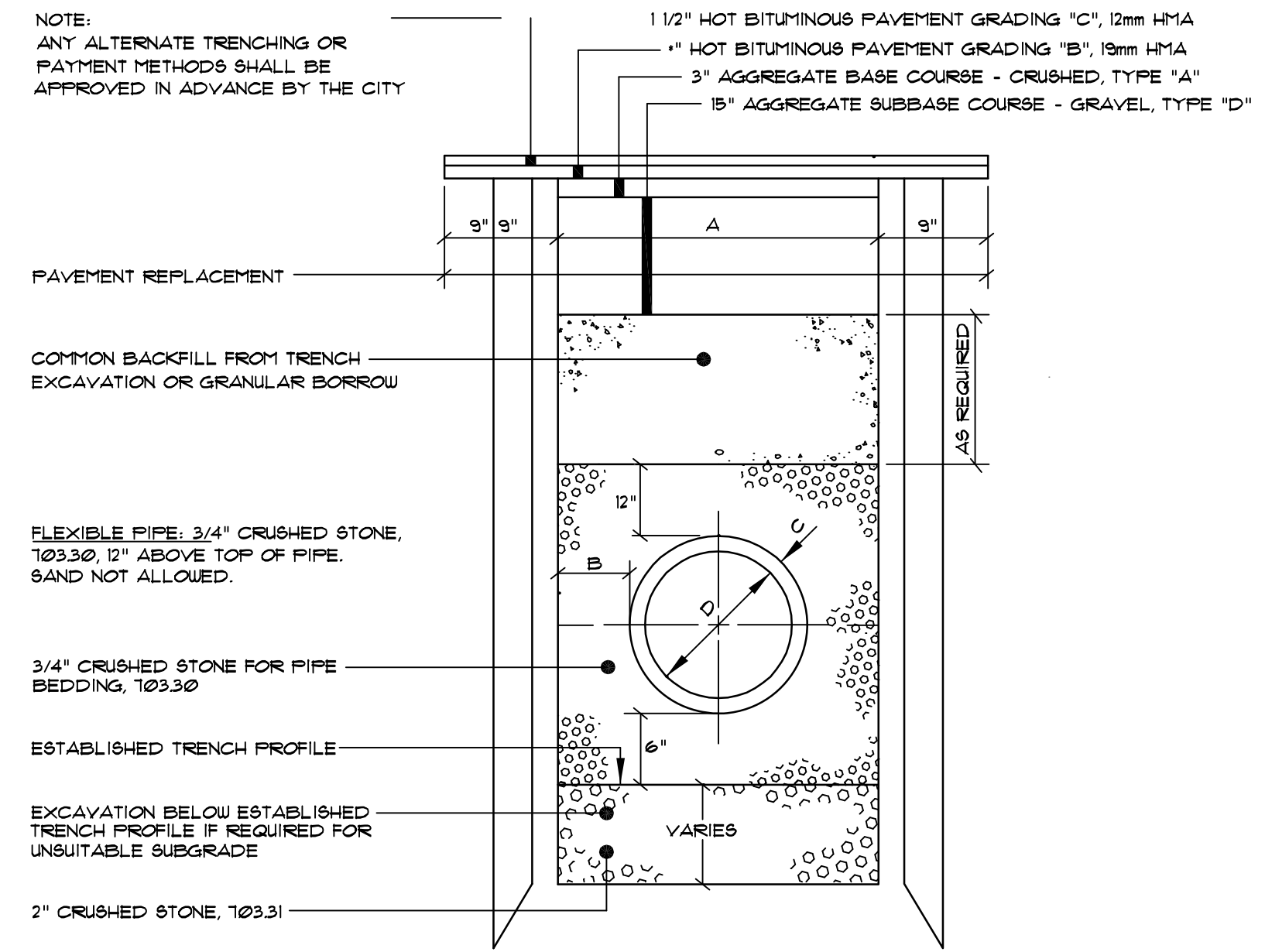
SERVICE SADDLE

(1-1/2" AND 2" C.C. OR OR IRON PIPE THREAD)



TYPICAL SERVICE CONNECTION

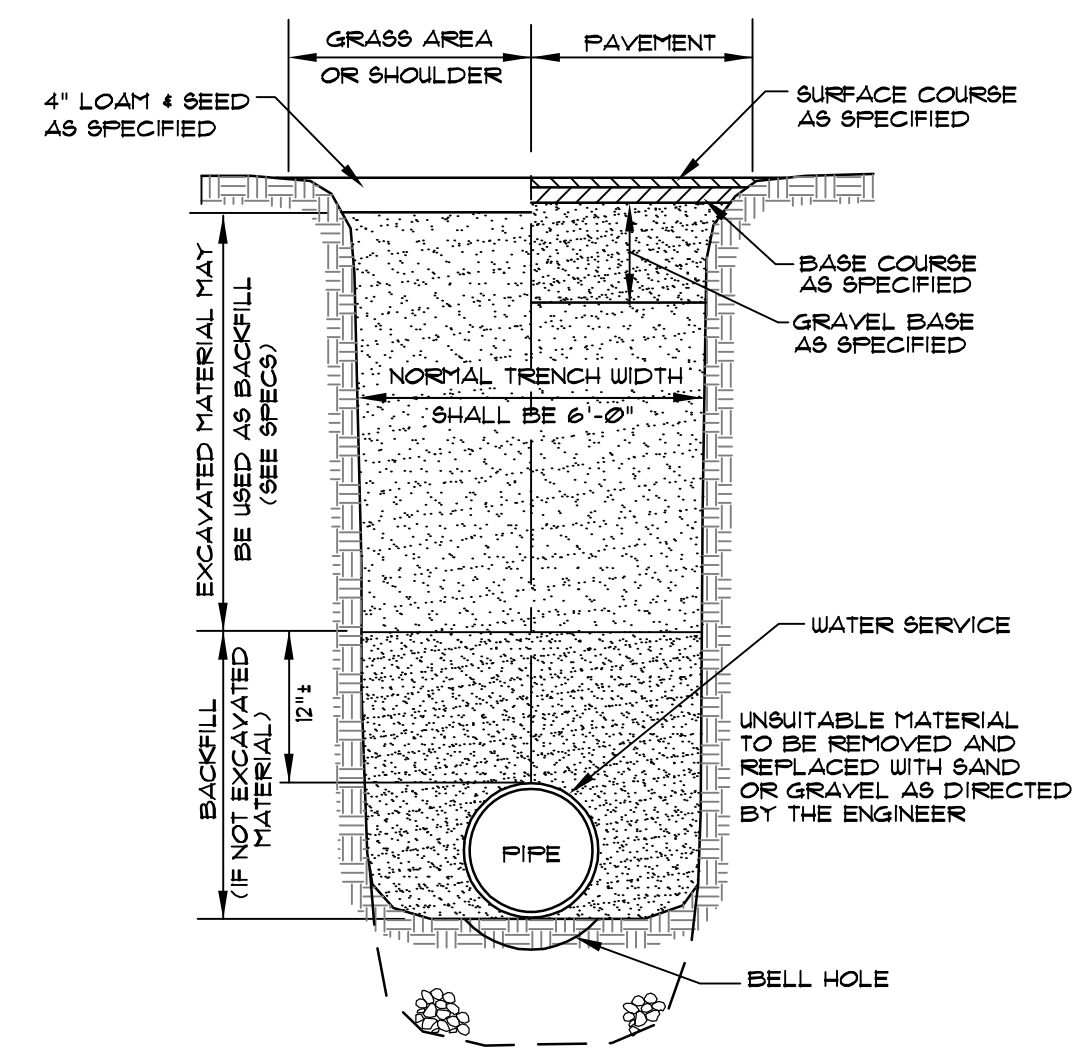
NOT TO SCALE



TYP. PIPE INSTALLATION DETAIL - CUMBERLAND AVE.

NOT TO SCALE

NOTE:
ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY



SECTION THRU EARTH TRENCH

NOT TO SCALE

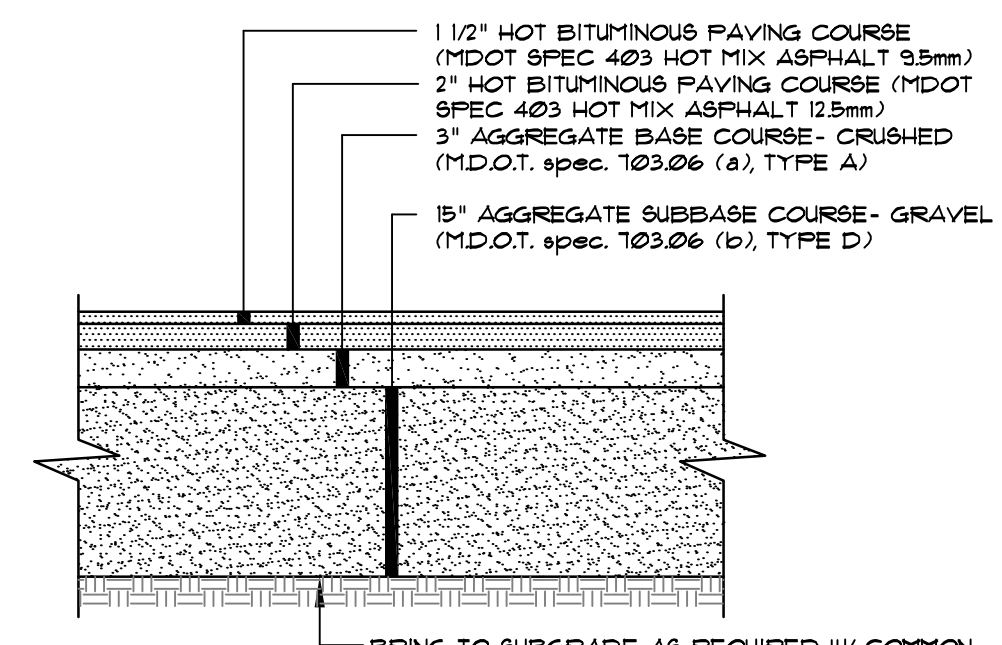
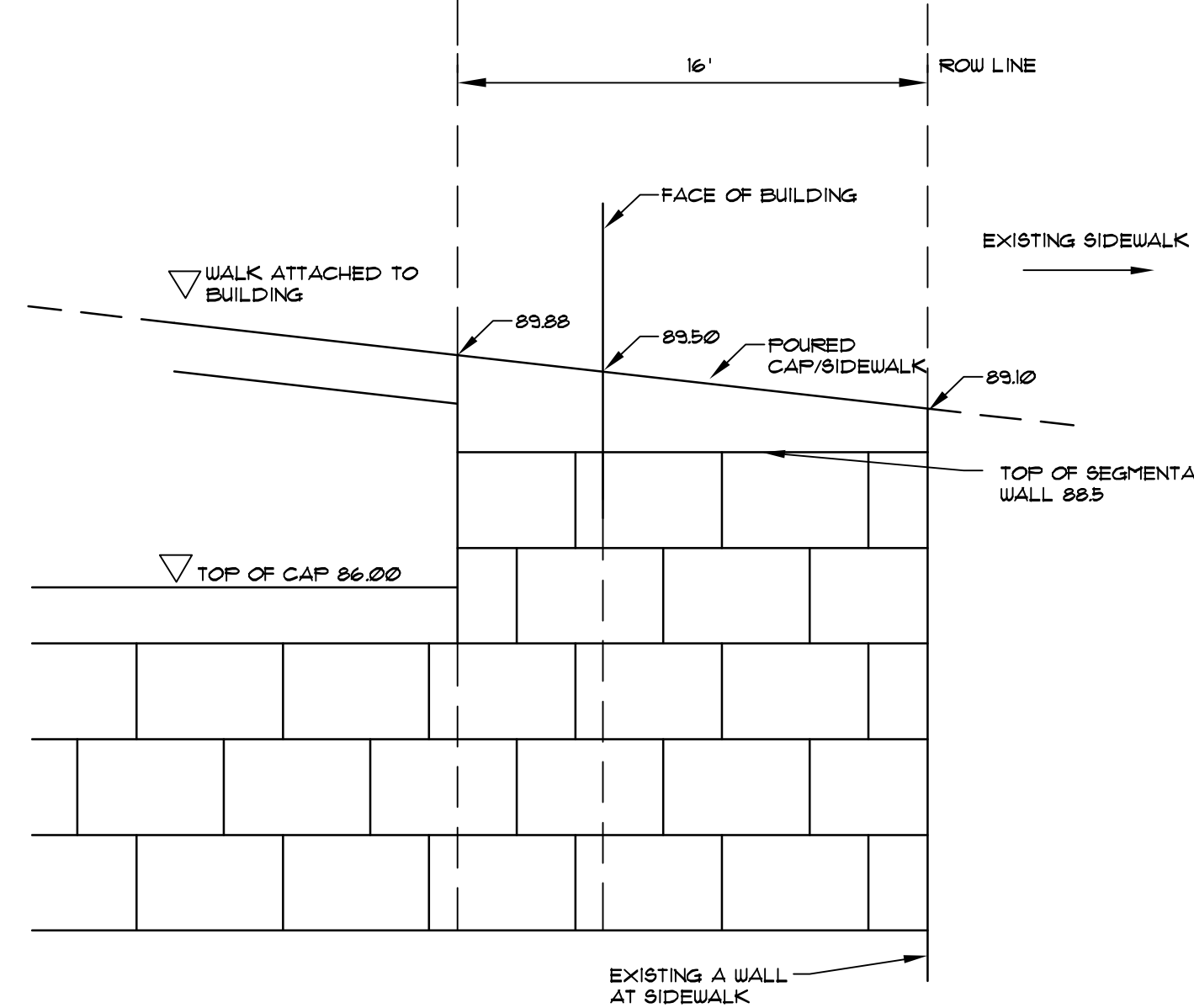
- NOTES:
1. STRUCTURAL FILL SHALL BE FREE DRAINING, WELL GRADED GRANULAR MATERIAL MEETING THE FOLLOWING GRADATION AS DETERMINED IN ACCORDANCE WITH ASTM D422.

SIEVE SIZE	PERCENT PASSING
4 INCH	100
3/4 INCH	60 - 90
NO. 4	20 - 60
NO. 200	0 - 5

THE PLASTICITY OF THE FINE FRACTION OF BACKFILL SOIL SHALL BE LESS THAN 6 THE PH OF THE BACKFILL MATERIAL SHALL BE BETWEEN 3 AND 9 WHEN TESTED IN ACCORDANCE WITH ASTM G-91.
 2. 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.
 3. INSTALL BASE COURSE OF BLOCKS ON PREPARED FOUNDATION LEVELING PAD. ENSURE THAT BASE COURSE IS LEVEL SIDE TO SIDE AND PLUMB. ADJUST BLOCKS AS REQUIRED TO PROVIDE A STRAIGHT AND LEVEL BASE COURSE.
 4. 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 93% WITHIN FIRST 3 FEET.
 5. 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 INADVERTENTLY BECOMES CONTAMINATED DURING THE BACKFILLING OPERATION.
 6. THE RETAINING WALL SHALL BE A PRECAST WALL SYSTEM WITH A MINIMUM BLOCK WEIGHT OF 2000 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.

LONDONBOULDER WALL SYSTEM DETAIL

NOT TO SCALE

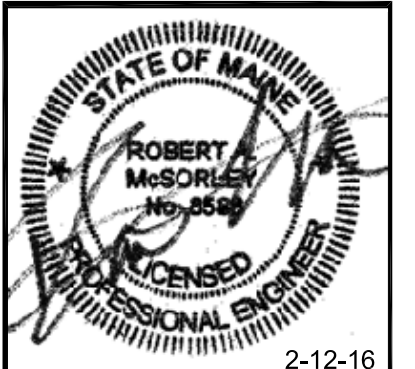


- NOTES:
1. COMPACT GRAVEL SUBBASE, BASE COURSE TO 92% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
 2. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

TYP. PAVED PARKING LOT/DRIVEWAY SECTION

NOT TO SCALE

NOT FOR CONSTRUCTION



PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN	JAR
REV:	A	RAM	DATE:	2-12-16	ISSUED TO GEOLOGIC FOR SUBMISSION
BY:					STATUS:

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

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 250 Granddard Rd. - Suite B Lewiston, ME 04240
 Tel: 207-282-2100 Fax: 207-782-5868

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 6

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