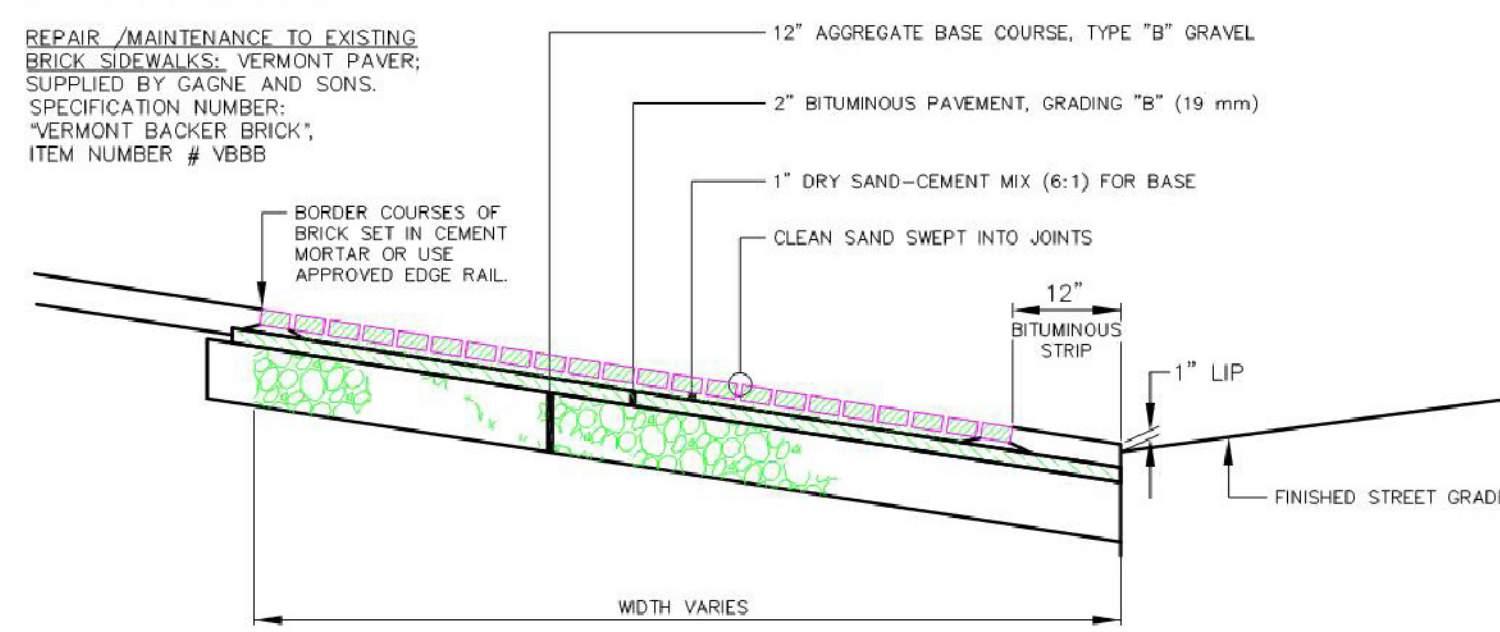


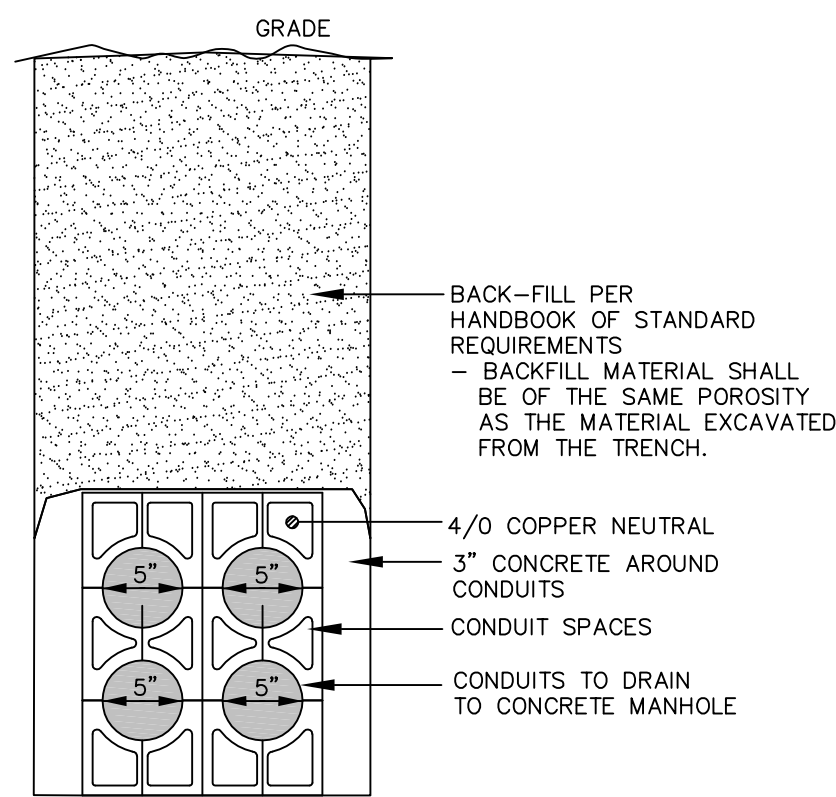
BRICKS TO BE USED:

NEW CONSTRUCTION:
4"x8" PINE HALL PATHWAY PAVER BRICK, MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM # 193623. PINE HALL PATHWAY PAVER BRICK.

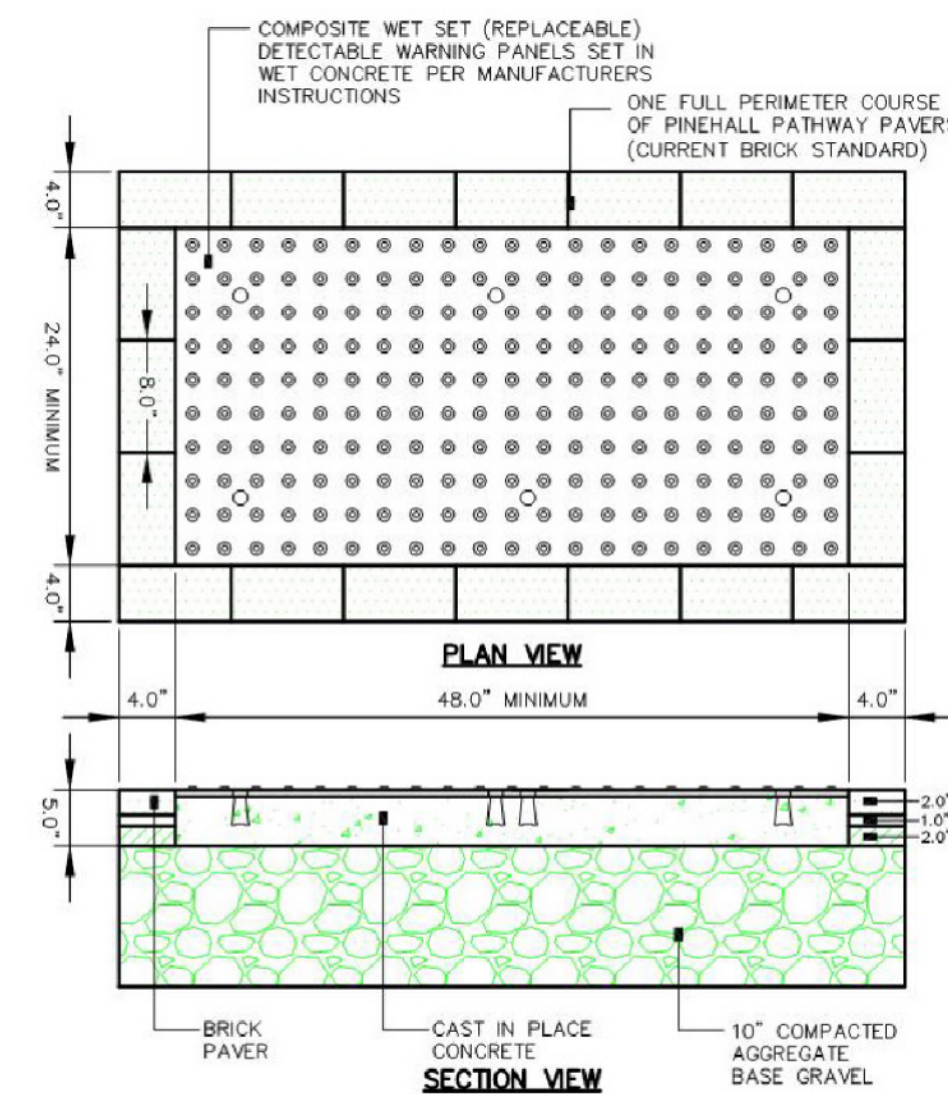
REPAIR / MAINTENANCE TO EXISTING BRICK SIDEWALKS: VERMONT PAVER, SUPPLIED BY GAGNE AND SONS. SPECIFICATION NUMBER: "VERMONT BACKER BRICK", ITEM NUMBER # VB88.



BRICK DRIVEWAY APRON WITH BITUMINOUS BASE
NOT TO SCALE

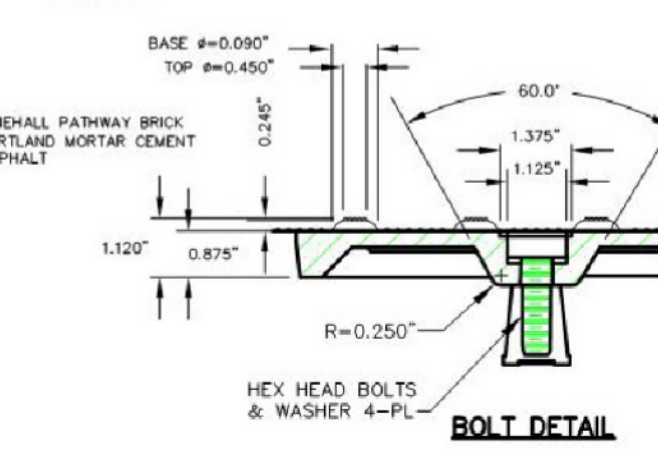


2x2 5" CONDUIT BANK
NOT TO SCALE



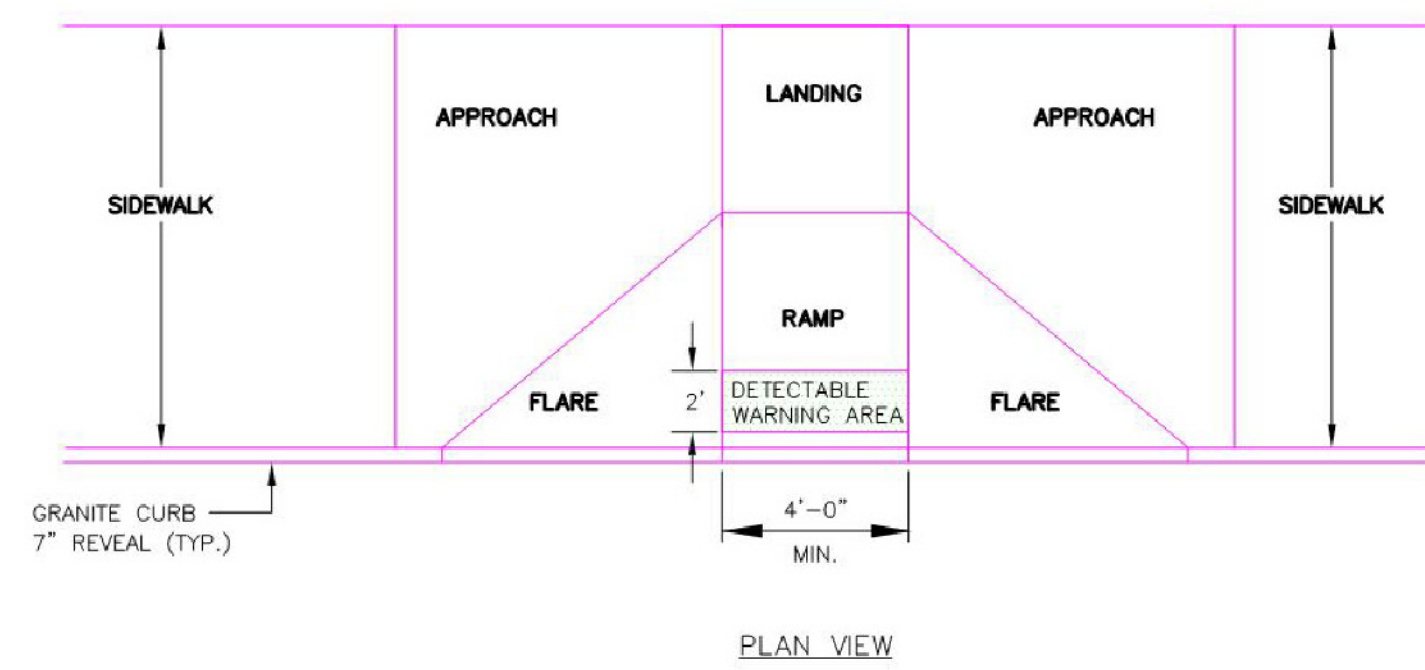
SIDEWALK RAMP DETECTABLE WARNING PANEL (HISTORIC DISTRICTS AND LANDSCAPES)
NOT TO SCALE

- COMPOSITE WET SET (REPLACEABLE) DETECTABLE WARNING PANELS SET IN WET CONCRETE PER MANUFACTURER'S INSTRUCTIONS.
- CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE. MINIMUM COMPRESSIVE STRENGTH 4,000 PSI. THE CONCRETE SHALL BE SEALED PRIOR TO SETTING PANELS.
- TRUNCATED DOMES SHALL BE ALIGNED IN ROWS, PARALLEL AND PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL. NO OTHER DETECTABLE WARNING DESIGN OR CONFIGURATION IS ALLOWED.
- FOR ALL DETECTABLE WARNING PANELS, WITHIN OR ABUTTING HISTORIC DISTRICTS AND HISTORIC LANDSCAPES, "DARK GRAY" COLORED (#50118) PANELS SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
- THE DETECTABLE WARNING PANEL SHALL HAVE ONE FULL COURSE OF PINE HALL PATHWAY PAVERS (THE CURRENT BRICK STANDARD) AROUND THE FULL PERIMETER OF THE PANEL. THIS PERIMETER COURSE SHALL BE SET USING PORTLAND MORTAR CEMENT TO CREATE A FLUSH SURFACE BETWEEN THE BRICK AND THE PANEL.
- SIZE: THE DETECTABLE WARNING PANEL(S) SHALL EXTEND 24 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP, LANDING, OR BLENDED TRANSITION TO THE STREET.
- ORIENTATION: THE DETECTABLE WARNING PANEL SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE CURB LINE. THE PANEL SHALL BE ORIENTED TO THE DIRECTION OF TRAVEL AS IDENTIFIED BY THE POINT OF EGRESS.

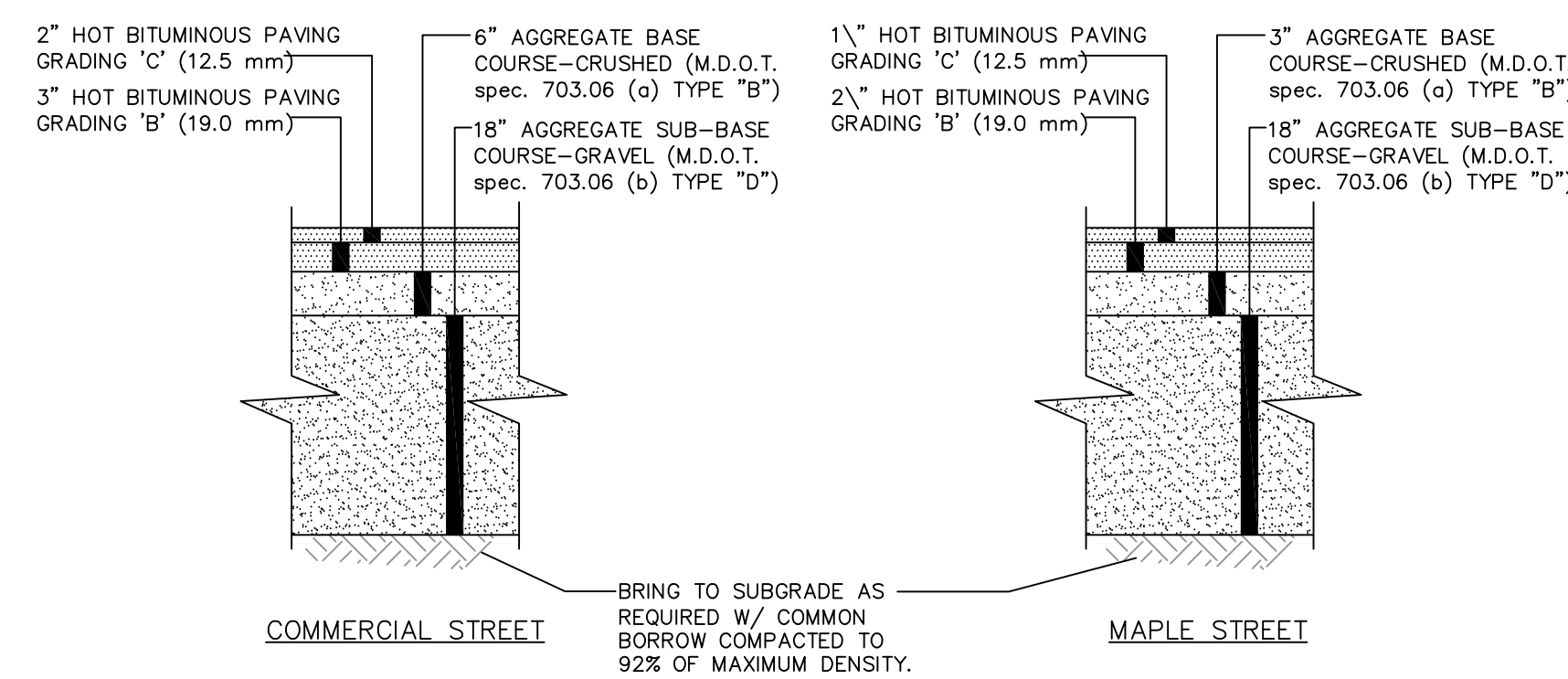


NOTES:
ALL RAMPS SHALL COMPLY WITH ADA STANDARDS.
GRANITE CURB ADJACENT TO RAMP SHALL BE FLUSH WITH STREET.

DESIGN ELEMENT	SLOPE IN DIRECTION OF TRAVEL	CROSS SLOPE
APPROACH	8.33% MAXIMUM	2%
LANDING	2%	2%
FLARE	8.33% MAXIMUM	MATCH STREET GRADE
SIDEWALK	10% MAX. AT CURB FACE	MATCH STREET GRADE

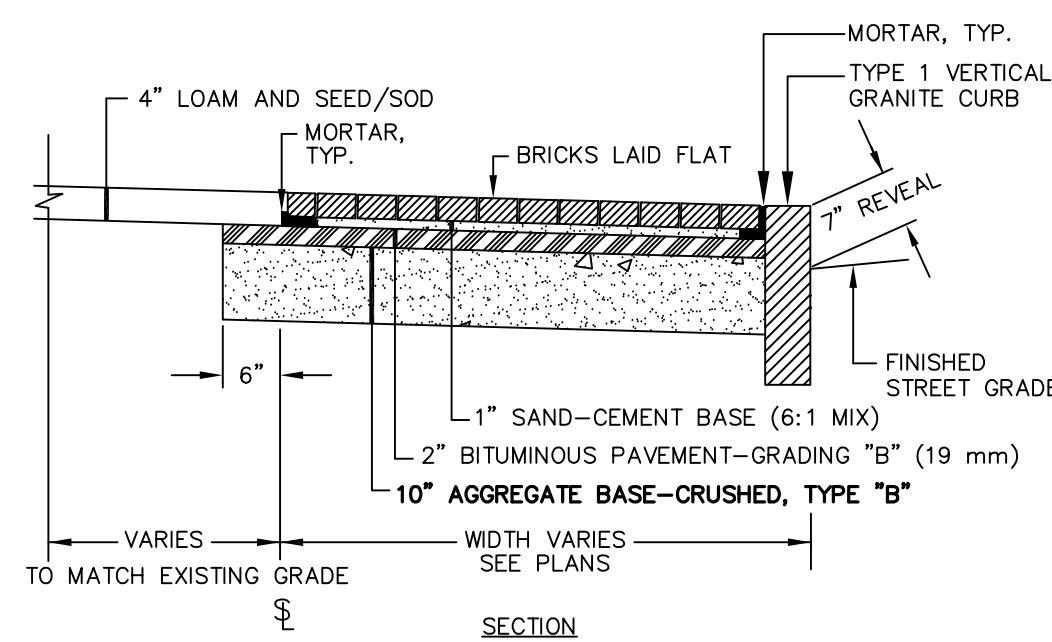


PERPENDICULAR ADA RAMP LAYOUT FOR WIDE SIDEWALK WITH NO ESPLANADE
NOT TO SCALE



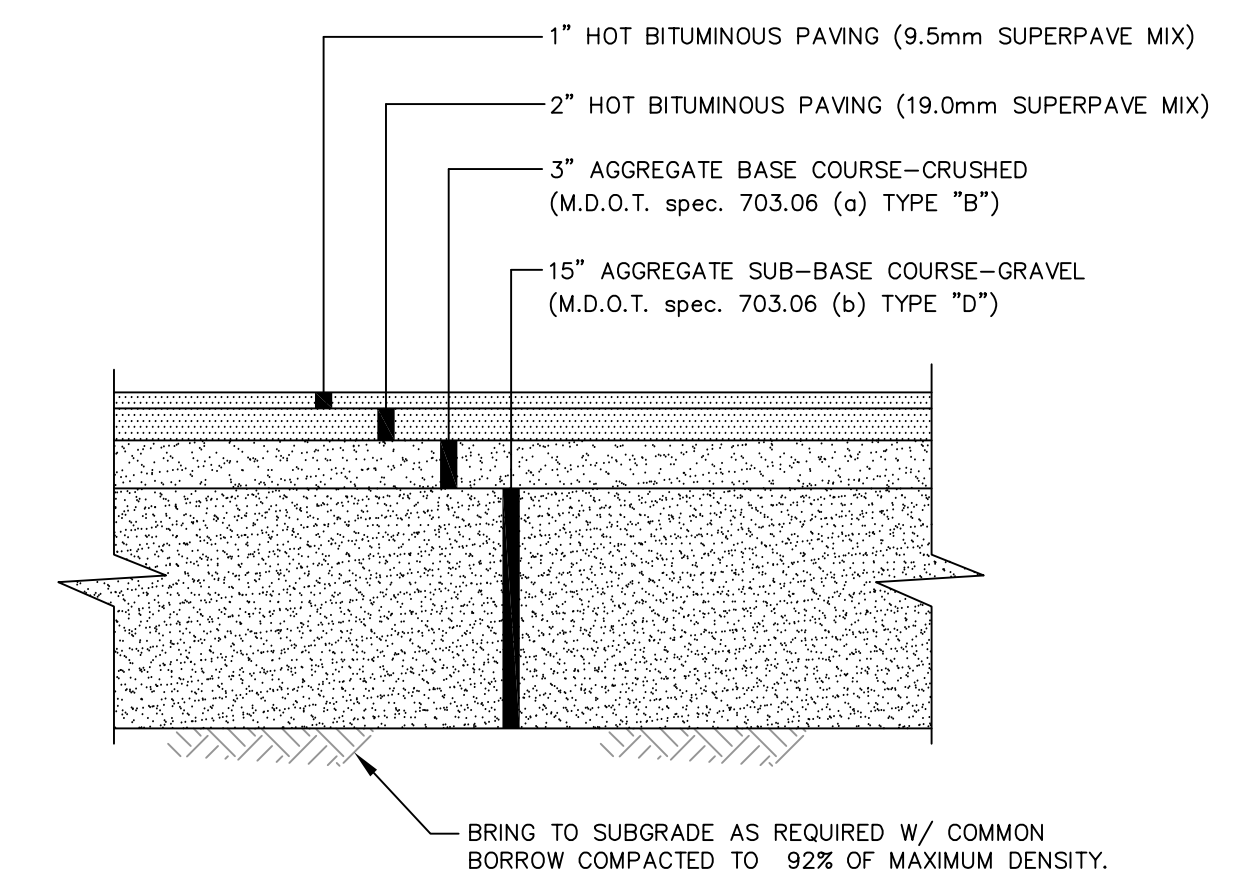
- NOTE:
- COMPACT GRAVEL SUB-BASE, BASE COURSE TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
 - CONTRACTOR SHALL SET GRADE STAKES MARKING SUB-BASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

TYPICAL PAVEMENT REPAIR SECTION FOR PUBLIC STREETS
NOT TO SCALE



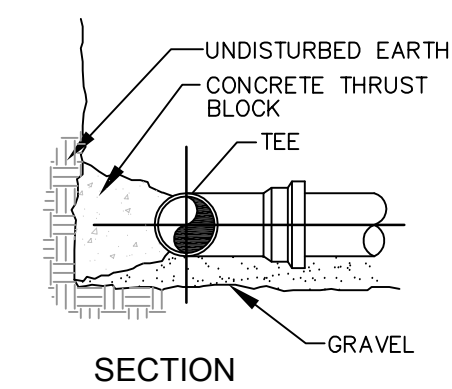
- NOTES:
- BORDER COURSE OF BRICK SHALL BE MORTARED TO PAVEMENT BASE. REMAINING BRICKS TO HAVE CLEAN SAND SWEEP INTO JOINTS.
 - BRICKS TO BE USED:
(a) NEW CONSTRUCTION: 4"x8" PINE HALL PATHWAY PAVER BRICK, MFG. BY PINE HALL BRICK CO., MADISON, NC, LACHANCE ITEM #193623, PINE HALL PATHWAY PAVER BRICK.
(b) REPAIR/MAINTENANCE TO EXISTING BRICK SIDEWALKS: VERMONT PAVER, SUPPLIED BY GAGNE AND SONS, SPEC. NO. "VERMONT BACKER BRICK", ITEM #VB88.

BRICK SIDEWALK WITH GRANITE CURB
NOT TO SCALE

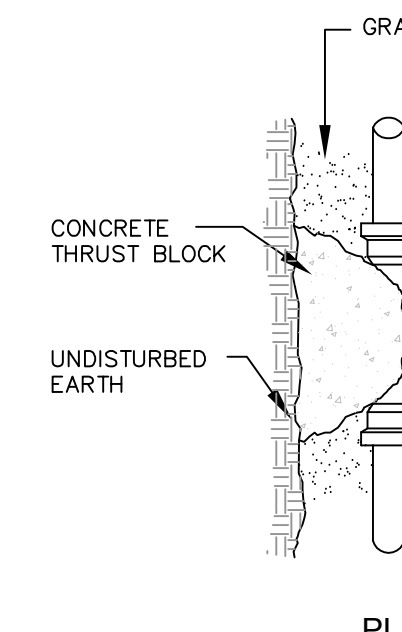


- NOTE:
- COMPACT GRAVEL SUB-BASE, BASE COURSE TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
 - CONTRACTOR SHALL SET GRADE STAKES MARKING SUB-BASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

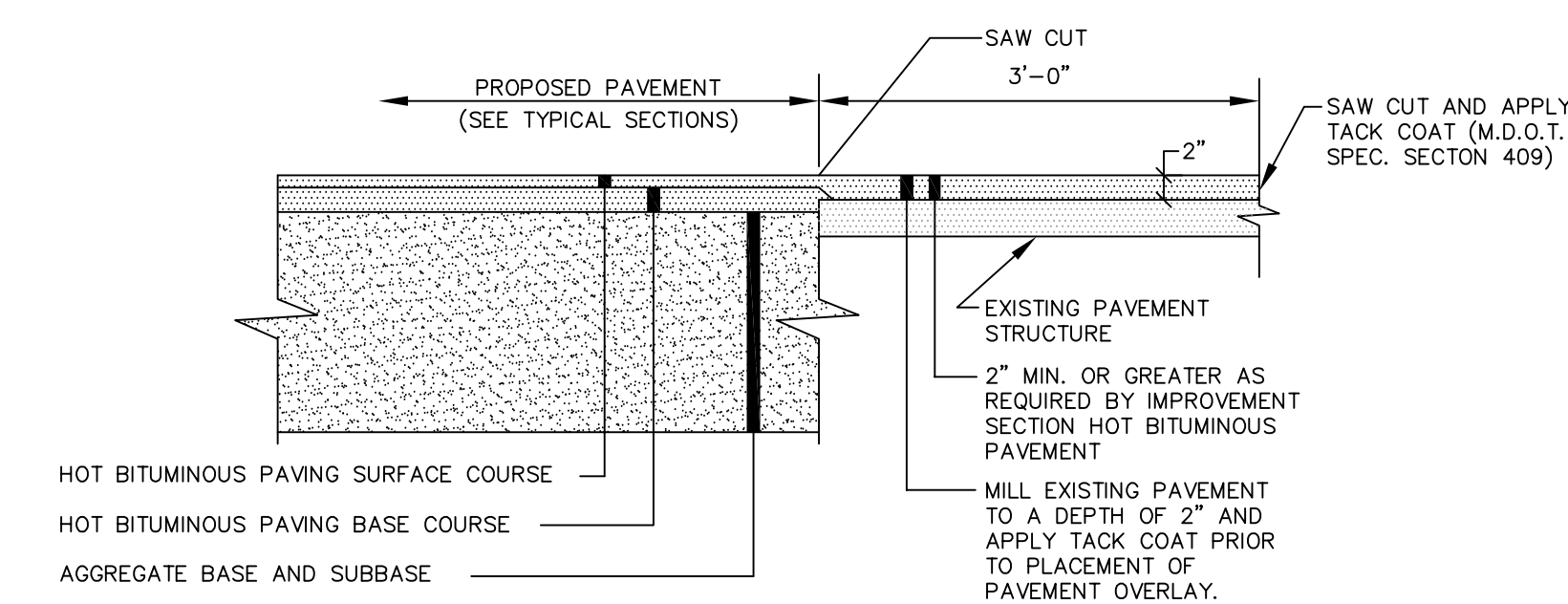
TYPICAL PAVED DRIVEWAY AND PARKING LOT SECTION
NOT TO SCALE



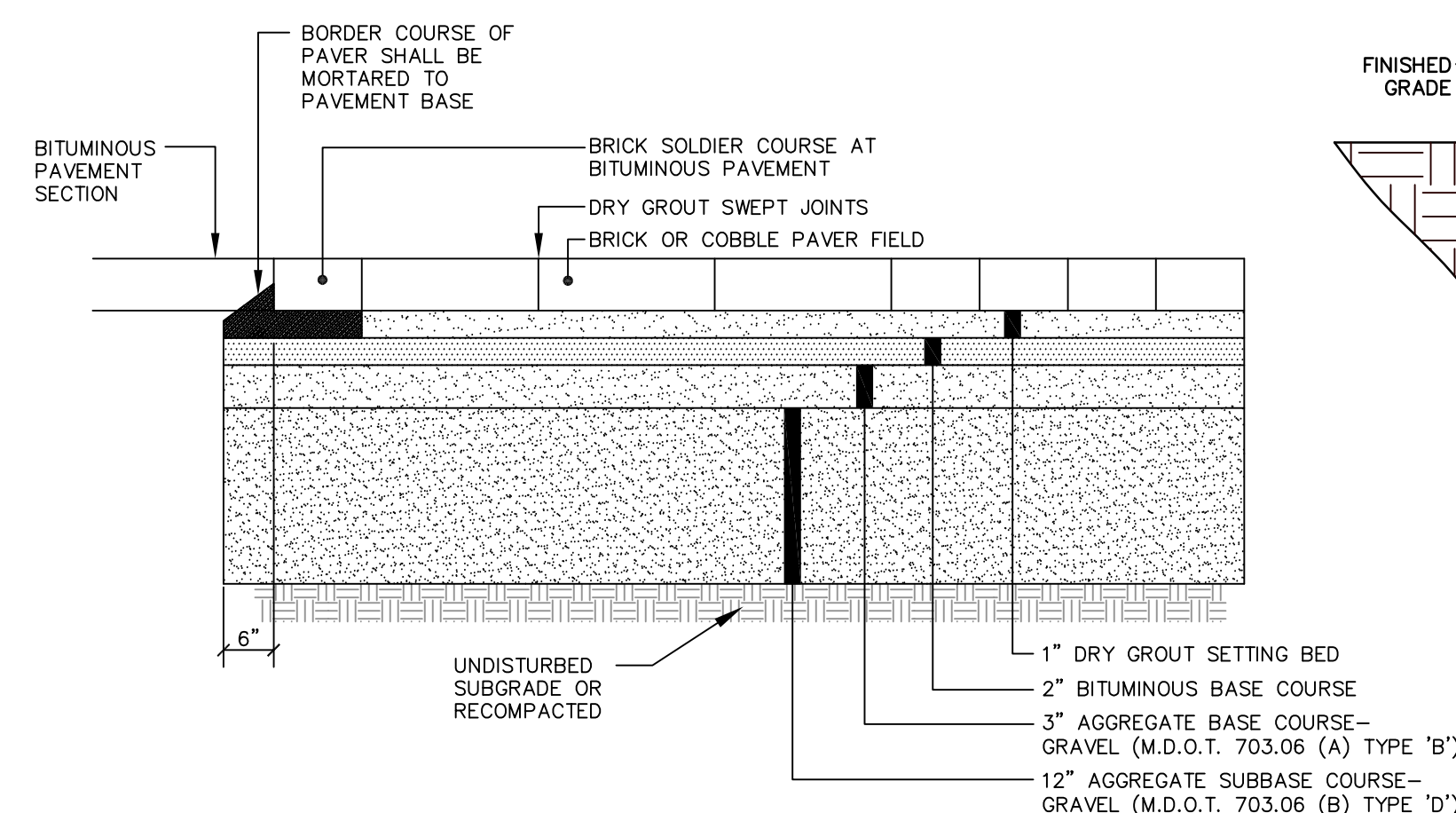
FITTINGS	CONCRETE THRUST BLOCK SIZE REQUIREMENTS		
	90° BENDS	45° BENDS	TEES AND PLUGS
PIPE SIZE			
6"	4.0	2.0	3.0
8"	8.0	4.0	6.0
12"	15	10	10



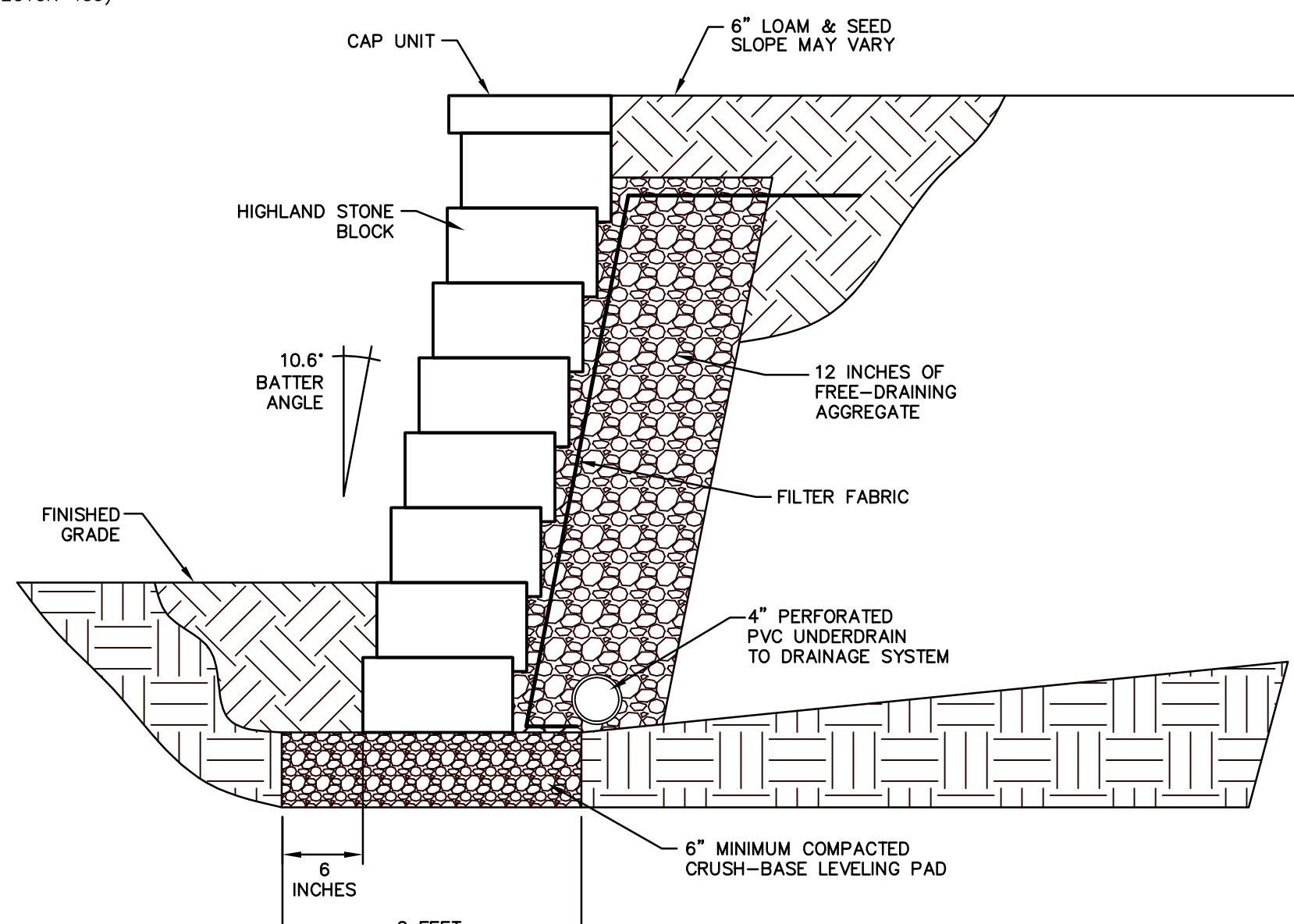
TEE AND BEND DETAIL
NOT TO SCALE



PAVEMENT SAW CUT DETAIL
NOT TO SCALE

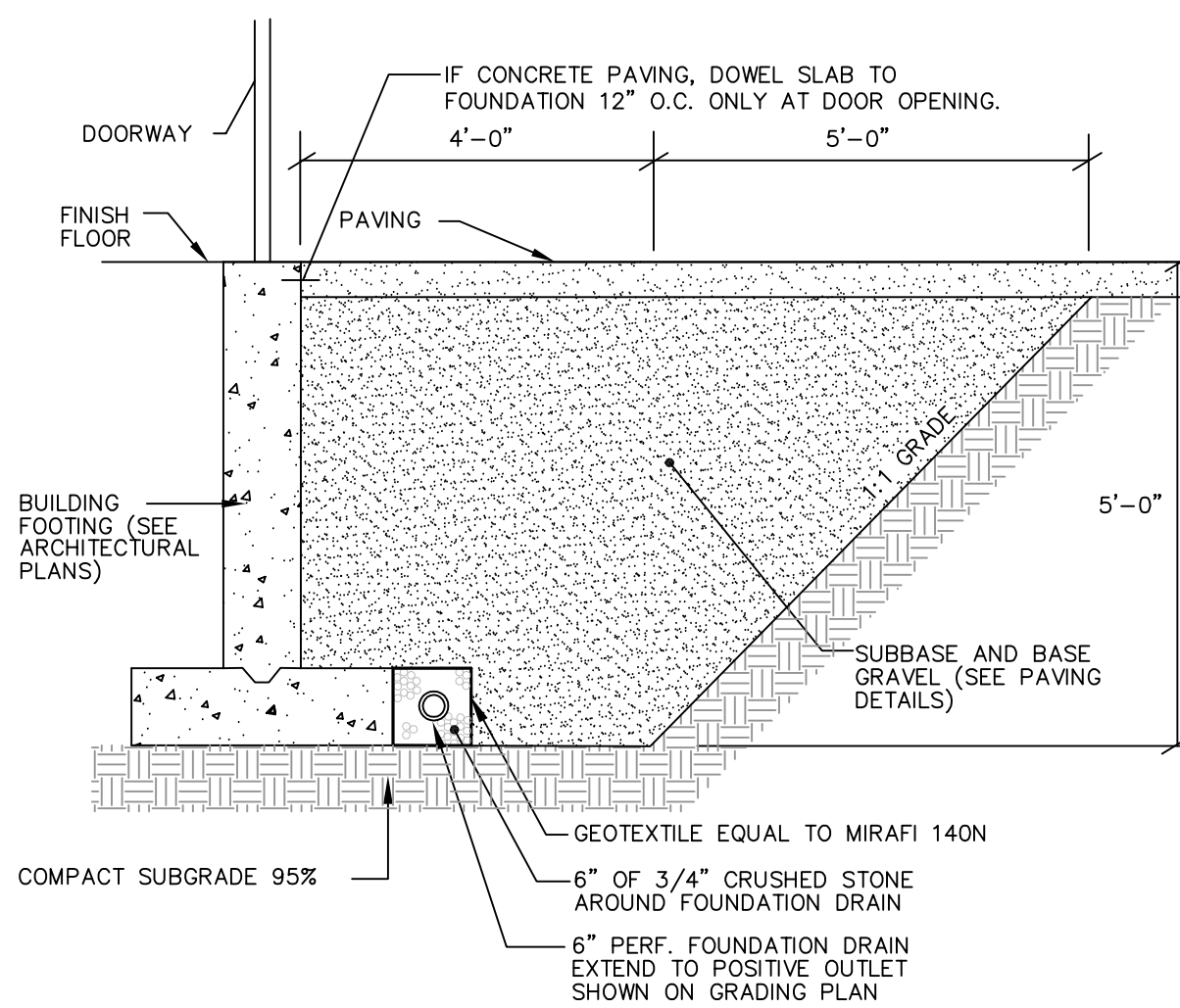


BRICK PAVER DRIVEWAY
NOT TO SCALE



- NOTES:
- BORDER COURSE OF BRICK SHALL BE MORTARED TO PAVEMENT BASE. REMAINING BRICKS TO HAVE CLEAN SAND SWEEP INTO JOINTS.
 - BRICKS TO BE USED:
(a) NEW CONSTRUCTION: 4"x8" PINE HALL PATHWAY PAVER BRICK, MFG. BY PINE HALL BRICK CO., MADISON, NC, LACHANCE ITEM #193623, PINE HALL PATHWAY PAVER BRICK.
(b) REPAIR/MAINTENANCE TO EXISTING BRICK SIDEWALKS: VERMONT PAVER, SUPPLIED BY GAGNE AND SONS, SPEC. NO. "VERMONT BACKER BRICK", ITEM #VB88.

TYPICAL SECTION FOR A GRAVITY WALL ANCHOR HIGHLAND STONE RETAINING WALL
NOT TO SCALE



5" GRANULAR BASE @ DOOR THRESHOLD
NOT TO SCALE

DATE	REVISION DESCRIPTION	BY
01-15-13	REVISED PER CITY STAFF AND HISTORICAL/PLANNING BOARD COMMENTS	BJB
02-01-13	ADDED DETAILS FOR BRICK, COBBLE AND PAVED DRIVEWAYS	BJB
02-05-13	REVISED PER PLANNING BOARD CONDITIONS OF APPROVAL	BJB

COPECHEE CONSTRUCTION CORPORATION
11 CORPORATE DRIVE, BELMONT, NH 03220
PHONE (603) 527-5098 FAX (603) 527-5191

CONSTRUCTION DETAILS

PROJECT: COMMERCIAL & MAPLE STREET MIXED USE DEVELOPMENT
DATE: 10-22-12
SCALE: 1"=20"
DRAWN BY: BJB
SHEET: 10 OF 14

