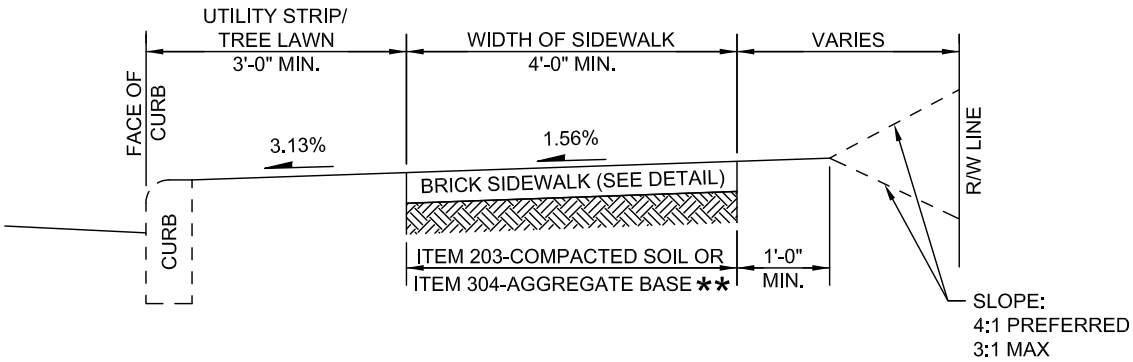
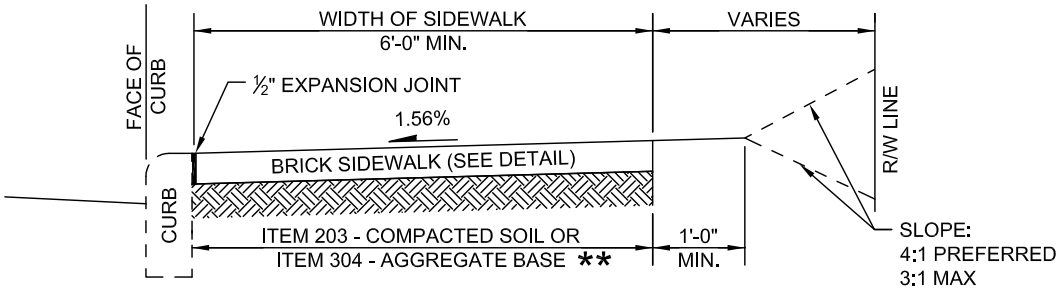
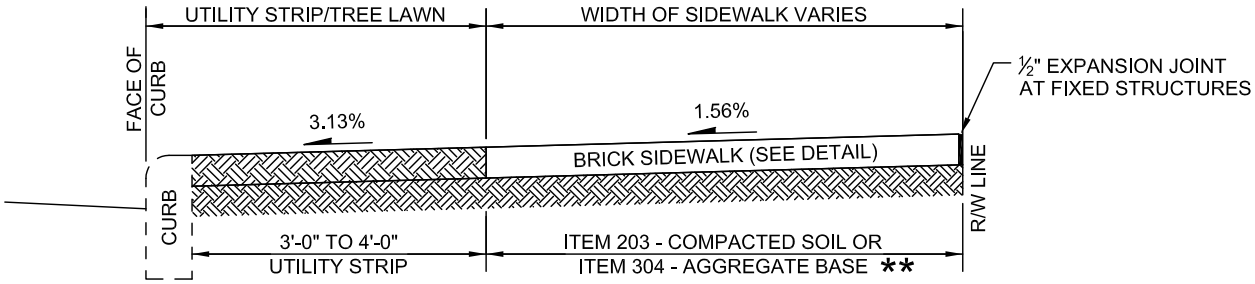






WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT.

EXPANSION JOINT LOCATIONS AND SPACING PER ITEM 608.03.

WATER AND UTILITY BOXES IN THE SIDEWALK AREA SHALL BE ADJUSTED FLUSH WITH FINAL SURFACE.

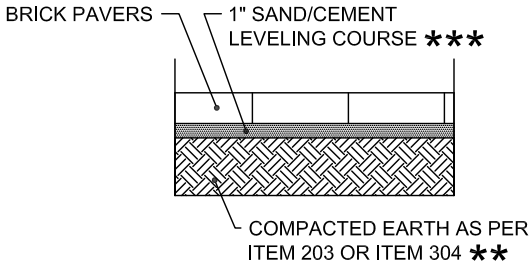
ROOF DRAINS SHALL BE EXTENDED UNDER THE SIDEWALK AND THROUGH THE CURB. SEE STD DWG 2320.

WHEN A SIDEWALK IS CONSTRUCTED FOR THE ENTIRE WIDTH FROM THE CURB TO THE R/W LINE, THE WALK SHALL BE CONSTRUCTED PART WIDTH AT A TIME, ALLOWING FOR SUFFICIENT UNOBSTRUCTED AREA 48" WIDE FOR SAFE MOVEMENT OF PEDESTRIAN TRAFFIC, OR AS APPROVED BY ENGINEER.

ITEM NUMBERS REFER TO THE CITY OF COLUMBUS CMSC, CURRENT EDITION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE SPECIFICATIONS.

** #57 AGGREGATE MAY BE USED FOR REPLACEMENT WORK.

*** THE SAND TO CEMENT RATIO IS 5 PARTS SAND TO ONE PART CEMENT.



DETAIL

RESIDENTIAL

BRICK SIDEWALK

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
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6/1/14

CITY ENGINEER

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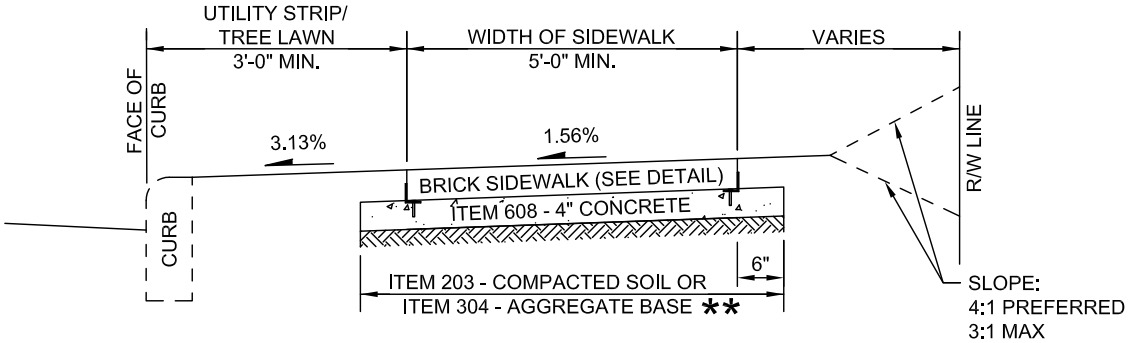
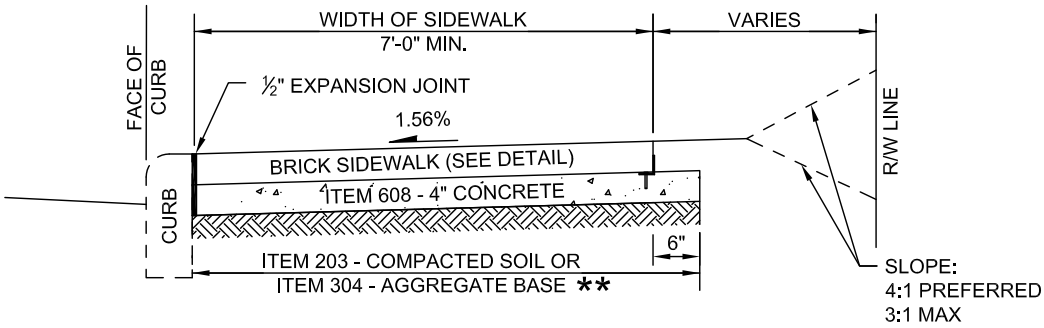
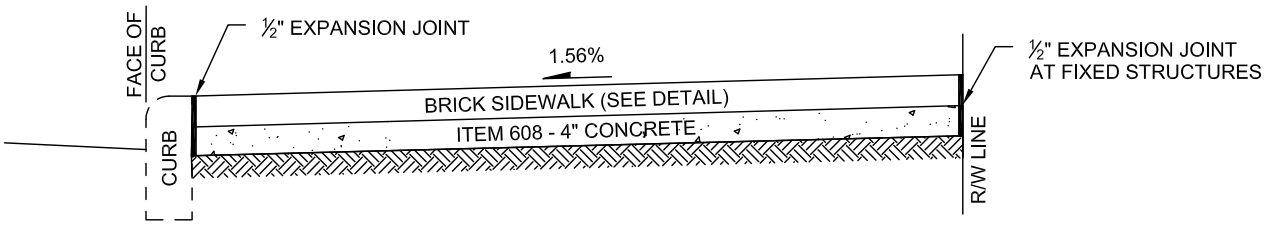






WHERE SIDEWALKS ABUT DRIVEWAYS OR ALLEY APPROACHES, THE CONCRETE THICKNESS OF THE WALK SHALL EQUAL THE THICKNESS OF THE APPROACH (6" MINIMUM) FOR A DISTANCE OF ONE (1) FULL PANEL OR MINIMUM 5 FEET. SEE STANDARD DRAWING OF THE APPLICABLE DRIVEWAY OR ALLEY.

WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT.

EXPANSION JOINT LOCATIONS AND SPACING PER ITEM 608.03.

WATER AND UTILITY BOXES IN THE SIDEWALK AREA SHALL BE ADJUSTED FLUSH WITH FINAL SURFACE.

ROOF DRAINS SHALL BE EXTENDED UNDER THE SIDEWALK AND THROUGH THE CURB. SEE STD DWG 2320.

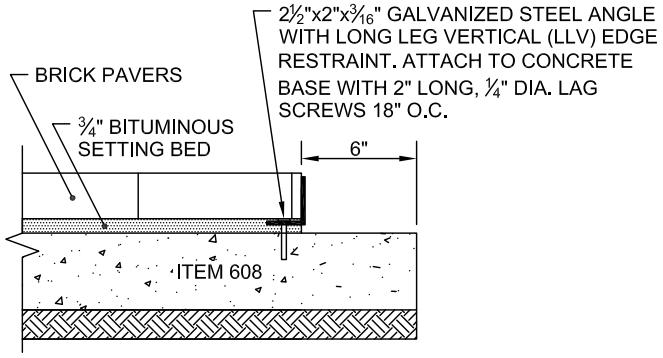
WHEN A SIDEWALK IS CONSTRUCTED FOR THE ENTIRE WIDTH FROM THE CURB TO THE R/W LINE, THE WALK SHALL BE CONSTRUCTED PART WIDTH AT A TIME, ALLOWING FOR SUFFICIENT UNOBSTRUCTED AREA 48" WIDE FOR SAFE MOVEMENT OF PEDESTRIAN TRAFFIC, OR AS APPROVED BY ENGINEER.

ONE INCH CONTRACTION JOINTS SHALL BE SAWED IN THE CONCRETE EVERY 10 FT.

ITEM NUMBERS REFER TO THE CITY OF COLUMBUS, CMSC, CURRENT EDITION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE SPECIFICATIONS.

** #57 AGGREGATE MAY BE USED FOR REPLACEMENT WORK.

NON-RESIDENTIAL



DETAIL

BRICK SIDEWALK

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
2301

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ITEM SPECIAL - BRICK PAVERS INCLUDING CONCRETE BASE

MATERIAL NOTES:

NEOPRENE-MODIFIED ASPHALT ADHESIVE - FURNISH NEOPRENE-MODIFIED ASPHALT ADHESIVE THAT CONTAINS 2% NEOPRENE GRADE WMI OXIDIZED ASPHALT WITH A 150°F SOFTENING POINT (77 PENETRATION), AND 10% LONG FIBERED INERT MATERIAL AS SUPPLIED BY (OR APPROVED EQUAL):

SEIDEL COMPANY, INC.
11 MARKET SQUARE
NEWBURYPORT, MASSACHUSETTS 01950
(617) 649-6740

HASTINGS PAVEMENT COMPANY, INC.
410 LAKEVILLE ROAD
LAKE SUCCESS, NEW YORK 11042
(516) 379-3500

BITUMINOUS SETTING BED - FURNISH ASPHALT CEMENT CONFORMING TO ASTM D3381, VISCOSITY GRADE AC-10 OR AC-20.

FURNISH FINE AGGREGATE OF NATURAL SAND AND/OR STONE SAND, COMPOSED OF HARD, TOUGH, DURABLE, UNCOATED PARTICLES, FREE FROM CLAY, SILT, ORGANIC MATERIAL OR OTHER DELETERIOUS SUBSTANCES. ENSURE THE SAND IS UNIFORMLY GRADED WITH ALL MATERIAL PASSING THE NO. 4 SIEVE AND MEETING THE REQUIREMENTS OF ASTM C136.

COMBINE THE DRIED FINE AGGREGATE WITH HOT ASPHALT CEMENT AND MIX HEAT TO APPROXIMATELY 300°F AT AN ASPHALT PLANT.

A. PROVIDE AN APPROXIMATE PROPORTION OF MATERIALS OF 7% ASPHALT CEMENT AND 93% FINE AGGREGATE.

B. PROVIDE EACH TON APPORTIONED BY WEIGHT TO 140 POUNDS OF ASPHALT CEMENT AND 1,860 POUNDS OF FINE AGGREGATE.

PAVERS - ALL BRICK PAVERS SHALL BE SOLID CONCRETE PAVING UNITS CONFORMING TO ASTM C936 (4" W x 8" L x 2 ⅜" H). OTHER SIZES MAY BE USED WITH PRIOR C.O.C. APPROVAL.

CONCRETE BASE - ALL WORK FOR THE CONCRETE BASE SHALL CONFORM TO ITEM 608, EXCEPT THAT THE 608 REQUIREMENTS FOR EDGING OUTSIDE EDGES AND CONTROL JOINTS AT 5 FOOT INTERVALS SHALL BE WAIVED.

METHOD OF MEASUREMENT - PAVERS WILL BE MEASURED BY THE SQUARE FOOT FINISHED PAVERS COMPLETE IN PLACE.

BASIS OF PAYMENT - THE ACCEPTED QUANTITIES OF BRICK PAVERS WILL BE PAID FOR AT THE CONTRACT PRICES DESIGNATED FOR EACH OF THE PAVER TYPES SHOWN ON THE PLANS. EXCAVATION, BACKFILL, EXPANSION JOINT MATERIAL, ASPHALT ADHESIVE, BITUMINOUS SETTING BED, 4 INCH CONCRETE BASE, AND OTHER RELATED MISCELLANEOUS ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE BRICK PAVERS OF WHICH THEY ARE A PART.

BRICK SIDEWALK

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