

Running Bond pattern shown. Alternative patterns may be required on a project by project basis.

PLAN VIEW

Approved By:

 City Engineer, EMH&T Inc

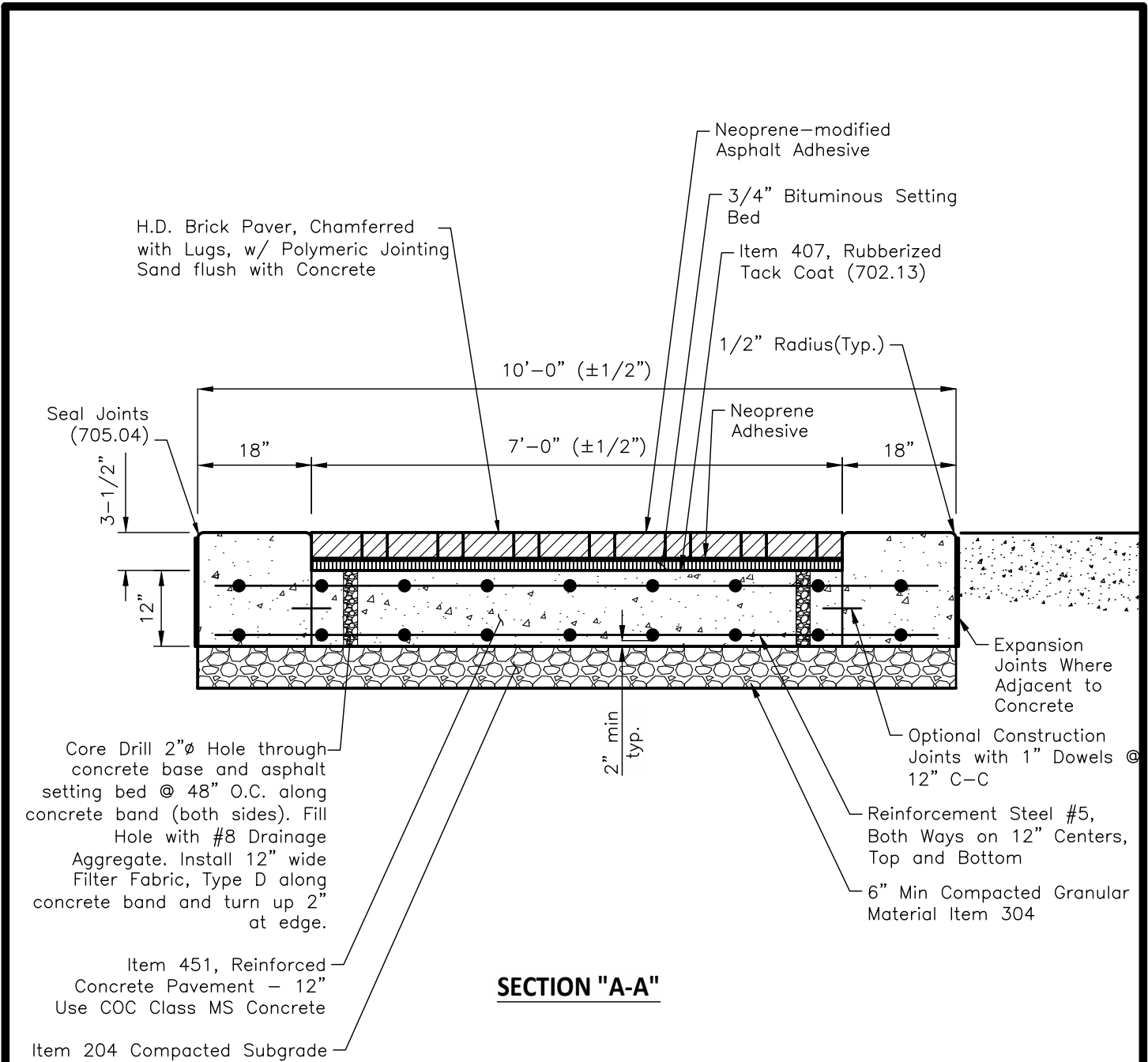
 City Service Director

STANDARD DIMENSIONS
 FOR
**BRICK PAVER
 PAVEMENT/CROSSWALK
 DETAIL**

**CITY OF
 GROVE CITY, OHIO**

STANDARD
 CONSTRUCTION DRAWING

Revised	Sheet	Drawing No.
February 2019	1/3	C-GC-88



SECTION "A-A"

DETAIL NOTES

1. Use COC Class MS Concrete for Brick Crosswalks.
2. 18-in Concrete Edging To Be Installed Flush With Existing Or Proposed Pavement surface And Gutter Edge.
3. Brick Pavers To Be Installed Flush With Concrete Edging. Pavers Shall Not Extend Above Elevation Of The New Concrete Edging.
4. All Expansion Joints In Street To Be Sealed.

Approved By:

[Signature]

City Engineer, EMH&T Inc

[Signature]

City Service Director

STANDARD DIMENSIONS FOR

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BRICK WORK GENERAL NOTES:

The current City of Columbus Supplemental Specification 1524 together with the requirements of the City of Grove City, Ohio, shall govern all materials and workmanship related to the installation of brick paver pavement and crosswalks.

All concrete shall be item 499, CMSC COC MS, Air Entrained Concrete. w/57 Limestone Aggregate and 800 lbs. of cement per C.Y., maximum 4-in slump. No Fly Ash or GGBFS permitted in concrete.

Expansion joints shall be placed wherever new concrete touches existing construction and at intervals of 30-ft or less. Expansion joint shall be extended through brick course.

One inch deep contraction joints shall be sawed in the concrete base every 5-ft.

Concrete base shall meet the requirements of 499.05B before placing bricks.

Pavers shall be cut with a wet masonry saw when less than a full paver is necessary.

Bricks shall be vibrated into place with a mechanical plate vibrator/compactor. First pass with vibrator shall be without jointing sand, additional passes with polymeric jointing sand shall be made with vibrator until joints are filled.

Maximum allowable difference in height between pavers is 1/16-in.

MATERIAL NOTES:

Jointing Sand: All jointing sand shall be polymeric per 1524.04.8.

Neoprene-modified asphalt adhesive – Furnish neoprene-modified asphalt adhesive per 1524.04.6.



Bituminous Setting Bed – Furnish asphalt setting bed in accordance with 1524.04.5

Pavers – Pavers utilized shall conform to the following (in addition to 1524.04.7, concrete pavers not permitted):

Clay Pavers shall meet the requirements set forth in ASTM C 1272 Specification, Type F for Heavy Vehicular Paving Bricks and shall conform to the PX standard. Subject to compliance with the following requirements, provide Pine Hall, English Edge Full Range or an approved equal.

- A. Chamfered edges w/ lugs and smooth finish
- B. Dimension of pavers shall be 4" x 8" x 2-3/4"
- C. Minimum compressive strength of 10,000 psi.

Dimensional tolerances should meet the PX standard. The dimensional tolerances around the mean values for length, width, and depth shall be 1/16-in.

<p>Approved By:</p>  <p>City Engineer, EMH&T Inc</p>  <p>City Service Director</p>	<p>STANDARD DIMENSIONS FOR</p> <p>BRICK PAVER PAVEMENT/CROSSWALK DETAIL</p>	<p>CITY OF GROVE CITY, OHIO</p>		
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		<p>Revised February 2019</p>	<p>Sheet 3/3</p>	<p>Drawing No. C-GC-88</p>