

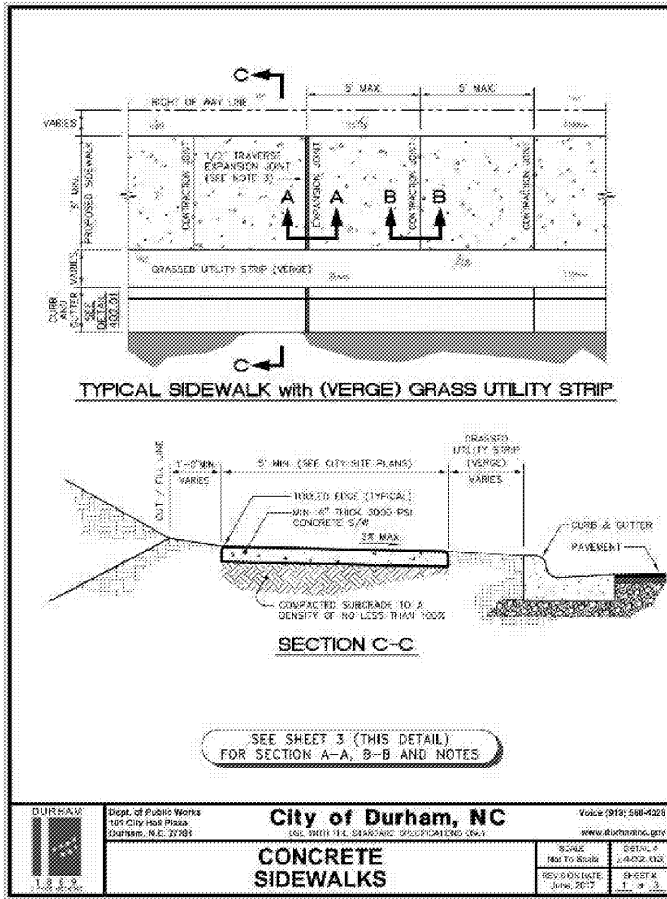
NOTES:

- Curb and gutter section will be poured continuous through the standard and alternate driveway with the face of curb dropped down as shown.
- Driveway will be constructed after the curb forms have been removed.
- Concrete shall be non-reinforced, air-entrained with a minimum strength of 3000 lbs.

City of Durham, NC
 Dept. of Public Works
 181 City Hall Plaza
 Durham, N.C. 27701
 Voice: (919) 568-4325
 www.durhamnc.gov

DRIVEWAY FOR CURB & GUTTER STREET SECTION (COMMERCIAL)

SCALE: 1/4" = 1'-0"
 DATE: 06/15/2017
 SHEET # 1 OF 3



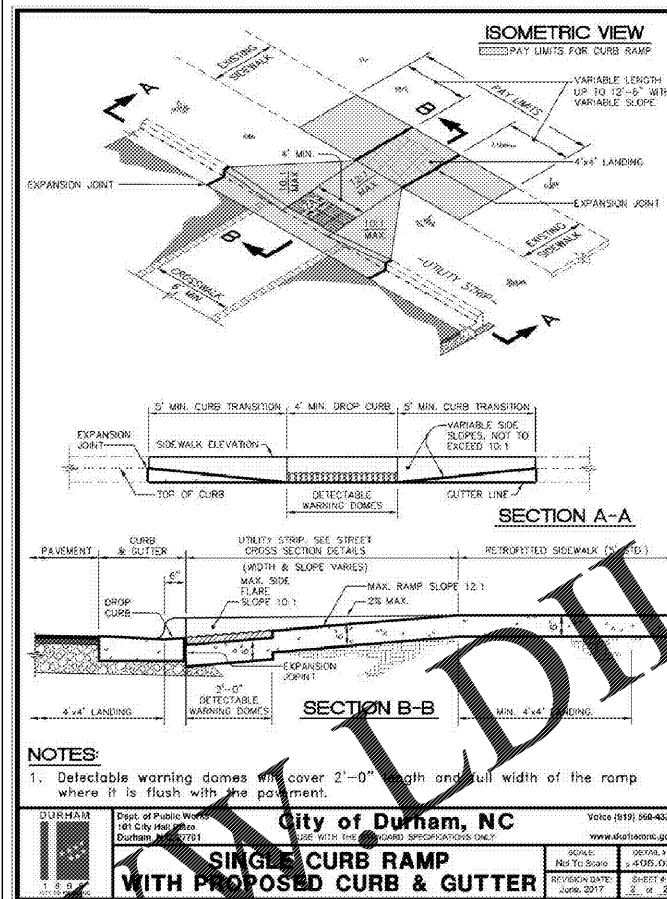
NOTES:

- See Sheet 3 (this detail) for Section A-A, B-B and Notes.

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CONCRETE SIDEWALKS

SCALE: 1/4" = 1'-0"
 DATE: 06/15/2017
 SHEET # 2 OF 3



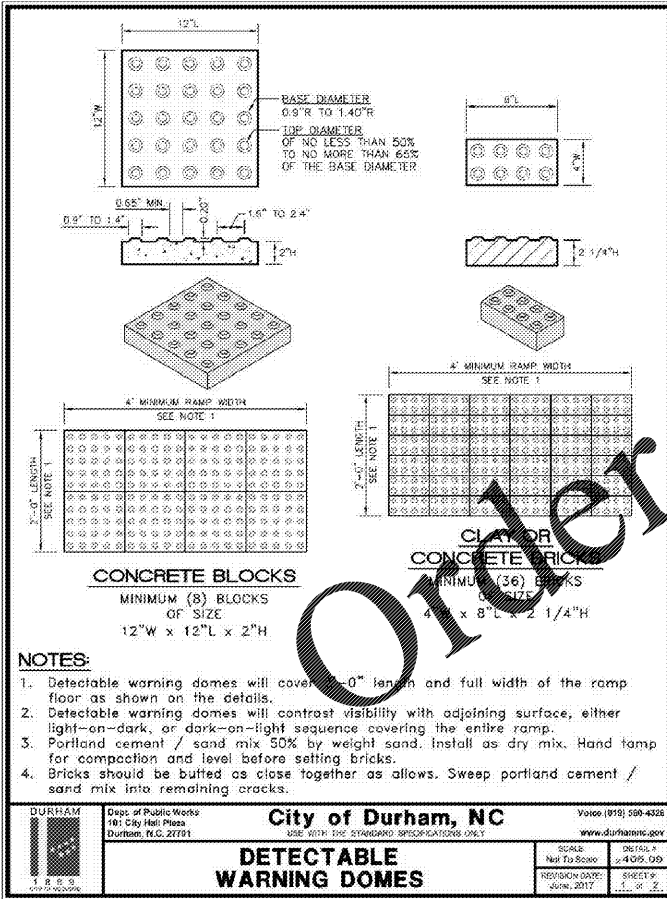
NOTES:

- Detectable warning domes will cover 2'-0" length and full width of the ramp where it is flush with the pavement.

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SINGLE CURB RAMP WITH PROPOSED CURB & GUTTER

SCALE: 1/4" = 1'-0"
 DATE: 06/15/2017
 SHEET # 3 OF 3



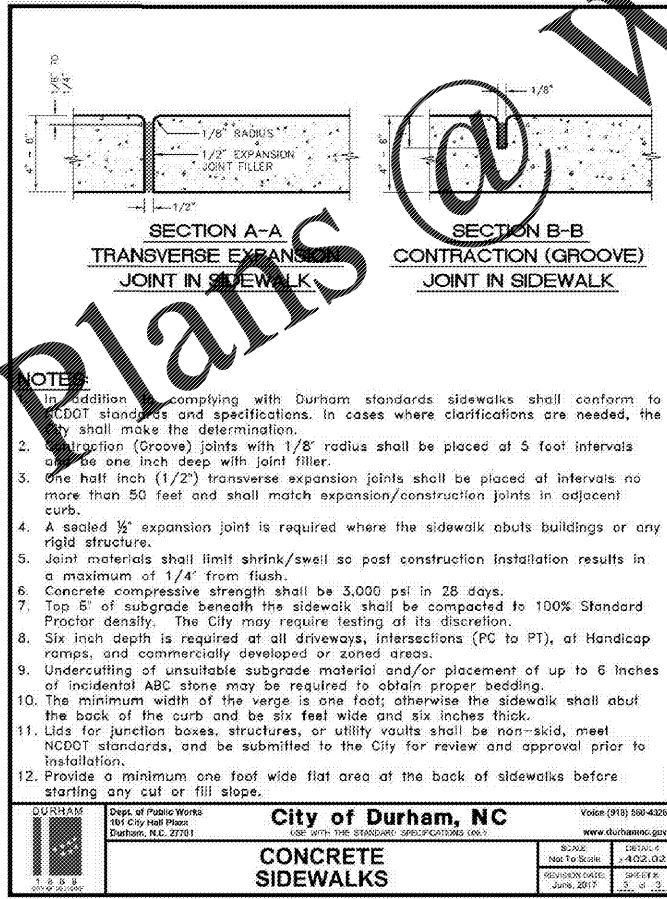
NOTES:

- Detectable warning domes will cover 2'-0" length and full width of the ramp floor as shown on the details.
- Detectable warning domes will contrast visibility with adjoining surface, either light-on-dark, or dark-on-light sequence covering the entire ramp.
- Portland cement / sand mix 50% by weight sand. Install as dry mix. Hand tamp for compaction and level before setting bricks.
- Bricks should be butted as close together as allows. Sweep portland cement / sand mix into remaining cracks.

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DETECTABLE WARNING DOMES

SCALE: 1/4" = 1'-0"
 DATE: 06/15/2017
 SHEET # 4 OF 3



NOTES:

- In addition to complying with Durham standards sidewalks shall conform to NCDOT standards and specifications. In cases where clarifications are needed, the City shall make the determination.
- Contraction (Groove) joints with 1/8" radius shall be placed at 5 foot intervals and be one inch deep with joint filler.
- One half inch (1/2") transverse expansion joints shall be placed at intervals no more than 50 feet and shall match expansion/contraction joints in adjacent curb.
- A sealed 1/2" expansion joint is required where the sidewalk abuts buildings or any rigid structure.
- Joint materials shall limit shrink/swell so post construction installation results in a maximum of 1/4" from flush.
- Concrete compressive strength shall be 3,000 psi in 28 days.
- Top 5" of subgrade beneath the sidewalk shall be compacted to 100% Standard Proctor density. The City may require testing at its discretion.
- Six inch depth is required at all driveways, intersections (PC to PT), at Handicap ramps, and commercially developed or zoned areas.
- Undercutting of unsuitable subgrade material and/or placement of up to 6 inches of incidental ABC stone may be required to obtain proper bedding.
- The minimum width of the verge is one foot, otherwise the sidewalk shall abut the back of the curb and be six feet wide and six inches thick.
- Lids for junction boxes, structures, or utility vaults shall be non-skid, meet NCDOT standards, and be submitted to the City for review and approval prior to installation.
- Provide a minimum one foot wide flat area at the back of sidewalks before starting any cut or fill slope.

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CONCRETE SIDEWALKS

SCALE: 1/4" = 1'-0"
 DATE: 06/15/2017
 SHEET # 5 OF 3

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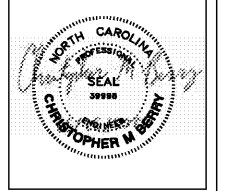
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BERRY ENGINEERS LLC
 CIVIL ENGINEER
 3465 BELLE ST NW, SUITE 109
 CLEVELAND, TN 37312
 TEL: (627) 790-5880
 DBA BERRY ENGINEERS, PLLC; FIRM LICENSE P-1188

DEVELOPER:
BELTERRA PARTNERS, LLC.
 728 SHADES CREEK PKWY
 SUITE 130
 BIRMINGHAM, AL 35209

PROJECT:
O'REILLY AUTO PARTS
 2801 S MIAMI BLVD
 DURHAM, NC



REVISIONS	
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SHEET NAME:
 SITE DETAILS

DATE: 06/15/2019

DRAWN BY: CSH

CHECKED BY: CMB

PROJECT NO.: 19065

SHEET NUMBER:
C-07