



JULY 7, 2020
DATE

ALBEMARLE ROAD PARTNERS, LLC

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 SUITE 200
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ALBEMARLE ROAD SHOPS
 8837 ALBEMARLE ROAD CHARLOTTE, NC 28227

SITE DETAILS

REVISIONS

PROJECT NO.: 2019.13
 SCALE: N.T.S.
 DRAWN BY: PAB
 CHECKED BY: MSL

SHEET NO:
C9.0

2'-0" VALLEY GUTTER

1'-6" MEDIAN CURB AND GUTTER
 TO BE USED IN MEDIANS WHEN LANES ARE SLOPED FROM ISLAND OR AS SPECIFIED BY THE APPROPRIATE CITY ENGINEERING DEPT.

1'-6" MOUNTABLE CURB AND GUTTER
 TO BE USED IN MEDIANS ONLY WHEN SPECIFIED BY THE APPROPRIATE CITY ENGINEERING DEPT.

NOT TO SCALE

CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

CURB AND GUTTER

STD. NO. REV.
 10.17B

ACCESSIBLE PARKING REQUIREMENTS

TOTAL PARKING SPACES PROVIDED	MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED	MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED TO BE VAN ACCESSIBLE
1 TO 25	1	1
26 TO 50	2	1
51 TO 75	3	1
76 TO 100	4	1
101 TO 150	5	1
151 TO 200	6	1
201 TO 300	7	2
301 TO 400	8	2
401 TO 500	9	2
501 TO 1000	2% OF TOTAL	1 IN EVERY 6 ACCESSIBLE SPACES
1001 AND OVER	2% PLUS 1 FOR EACH 100 OVER 1000	1 IN EVERY 6 ACCESSIBLE SPACES

REFERENCE: SECTION 1108 OF NC BUILDING CODE

NOTES:

- ALL ACCESSIBLE SIGNS (R7-8P, R7-8, R7-1, AND 50.10C) SHALL BE MOUNTED AT 7 FEET FROM GROUND TO BOTTOM EDGE OF SIGN FACE (PER MUTCD). MOUNTING HEIGHT CAN BE REDUCED TO 5 FEET IF PLACED IN AN AREA BETWEEN SIDEWALK AND BUILDING FACE IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE.
- IF ACCESSIBLE ROUTE IS A PARKED SIDEWALK AREA, THEN RAMP IS REQUIRED AT LOADING ZONE AREA. MINIMUM 4" WIDE CONTINUOUS WALKWAY.
- VERTICAL CLEARANCE FOR VANS MUST BE GREATER THAN 98 INCHES.
- THIS DETAIL IS TO PROVIDE GENERAL GUIDANCE FOR PARKING LAYOUT AND DESIGN. REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION AND NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPPLEMENT AND NC BUILDING CODE FOR ADDITIONAL INFORMATION.

PARKING SPACE PAVEMENT MARKINGS

SEE STD. NO. 50.09 FOR DIMENSIONS

ACCESSIBLE ROUTE (SEE NOTE 2)

NOTE: ONE OUT OF EVERY SIX (6) ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, IS REQUIRED TO BE VAN ACCESSIBLE, PER SECTION 1108 OF NC STATE BUILDING CODE

NOTES:

- REMOVE WIRE AND NYLON TWINE FROM BALL AND CANOPY.
- SOAK ROOT BALL AND PLANT PIT IMMEDIATELY AFTER INSTALLATION.
- STAKING IS REQUIRED FOR ALL TREES IN R.O.W. OR UPON REQUEST OF ARBORIST.
- REMOVE EXCESS SOIL FROM SITE AND DISPOSE OF IN A LEGAL MANNER.
- RESEED UNMULCHED, DISTURBED AREAS.

NOT TO SCALE

CITY OF CHARLOTTE
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ACCESSIBLE PARKING AND SIGNAGE STANDARDS

STD. NO. REV.
 50.10A|18

NOTES:

- REMOVE WIRE AND NYLON TWINE FROM BALL AND CANOPY.
- SOAK ROOT BALL AND PLANT PIT IMMEDIATELY AFTER INSTALLATION.
- STAKING IS REQUIRED FOR ALL TREES IN R.O.W. OR UPON REQUEST OF ARBORIST.
- REMOVE EXCESS SOIL FROM SITE AND DISPOSE OF IN A LEGAL MANNER.
- RESEED UNMULCHED, DISTURBED AREAS.

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TREE PLANTING
 (FOR SINGLE AND MULTI-STEM TREES)

STD. NO. REV.
 40.01

GENERAL NOTES:

- A GROOVE JOINT 1" DEEP WITH 1/8" RADIUS SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT INTERVALS OF NOT MORE THAN 45' AND MATCHING EXPANSION/CONSTRUCTION JOINT IN ADJACENT CURBS. A SEALED 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY ROAD STRUCTURE.
- SIDEWALK AT DRIVEWAY ENTRANCES TO BE 6" THICK.
- WIDTH OF SIDEWALK ON THOROUGHFARE STREETS SHALL BE A MINIMUM OF 6'. WIDTH OF SIDEWALKS IN THE CENTRAL BUSINESS DISTRICT WILL BE DETERMINED BY THE CODE.
- WIDTH OF SIDEWALKS ON NON-THOROUGHFARE STREETS SHALL BE BASED ON TYPICAL STREET SECTION, A MINIMUM OF 5'. SIDEWALK TO BE POURED TO END OF RADIUS AT INTERSECTING STREETS.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 PSI IN 28 DAYS.
- ZONING CONDITIONS MAY REQUIRE ADDITIONAL WIDTH SIDEWALKS WHICH SHALL SUPERSEDE THESE STANDARD DIMENSIONS SHOWN.
- LIDS FOR JUNCTION BOXES AND UTILITY VAULTS SHALL BE NON-SKID AS SPECIFIED BY ENGINEER.
- JOINT MATERIALS SHALL LIMIT SHRINK/SWELL SO POST CONSTRUCTION INSTALLATION RESULTS IN A MAXIMUM OF 1/4" FROM FLUSH.

GROOVE JOINT IN SIDEWALK

TRANSVERSE EXPANSION JOINT IN SIDEWALK

DETAILS SHOWING EXPANSION JOINTS IN CONCRETE SIDEWALK

WIDTH	RISE	GROSS-SLOPE
4"	1"	1.56%
5"	1"	1.67%
6"	1-1/2"	1.56%
6"	1-1/2"	1.56%

NOT TO SCALE

CITY OF CHARLOTTE
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CONCRETE SIDEWALKS

STD. NO. REV.
 10.22 | 15

LEGEND AND BORDER - GREEN
 BACKGROUND - WHITE

NOT TO SCALE

CITY OF CHARLOTTE
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SUPPLEMENTAL VAN ACCESSIBLE SIGN (R7-8P)

STD. NO. REV.
 50.10B | 15

NOTES:

A ROOT FLARE EXCAVATION FOR ALL TREES SPECIFIED WILL BE DONE BY THE CITY ARBORIST TO ENSURE THAT TREES WERE NOT PLANTED/GROWN TOO DEEPLY AT SOURCE (NURSERY). LANDSCAPE CONTRACTOR SHALL HAVE SUPPLIER MARK GROUND LEVEL LINE ABOVE ROOT BALL IF CITY ARBORIST DETERMINES THAT THERE IS EXCESSIVE SOIL OVER THE ROOT CROWN, THESE TREES WILL BE REJECTED.

ACCEPTABLE CONDITION (AS DELIVERED)

UNACCEPTABLE CONDITION (AS DELIVERED)

NOT TO SCALE

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ROOT FLARE DEPTHS
 (TREE ROOT BALL CONDITION ON TREES FROM SUPPLIERS)

STD. NO. REV.
 40.09 | 9

NOTES:

- ALL DETECTABLE WARNING DEVICES USED IN NEW CONSTRUCTION SHALL BE OF A RIGID PRECAST OR EMBEDDED PRODUCT APPROVED BY THE CITY ENGINEER. THEY SHALL ONLY BE ALLOWED ON EXISTING RAMPS WITH PRIOR APPROVAL OF THE CITY ENGINEER FOR MATERIAL TYPE AND INSTALLATION (IE. REINFORCING).
- RAMP AND DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET IN WIDTH, BUT NOT LESS THAN THE WIDTH OF SIDEWALK LEADING TO RAMP.
- DETECTABLE WARNING SURFACES SHALL BE A MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- DETECTABLE WARNING AREA CAN BE PLACED WHEREVER USED IN A CURB RADIUS.
- THE RIMS OF TRUNCATED DOME IN DETECTABLE WARNING SURFACES SHOULD BE ALIGNED PERPENDICULAR TO THE GRADE BREAK BETWEEN THE RAMP RUN AND THE STREET, WHERE DETECTABLE WARNING SURFACES ARE PROVIDED ON A SURFACE WITH A SLOPE THAT IS LESS THAN 2% PERCENT. DOME ORIENTATION IS LESS CRITICAL.
- DETECTABLE WARNING AREA SHALL CONTRAST VISUALLY WITH ADJACENT GUTTER, STREET OR HIGHWAY, OR STREET MALL, PAVEMENT GRAY IS TO BE USED.
- IF PAVERS ARE TO BE USED, PAVERS SHALL BE MINIMUM 8000 PSI CONCRETE WITH A 2-INCH MINIMUM THICKNESS, SET ON A 1-INCH-SET MORTAR ON TOP OF 4" THICK 3600 PSI CONCRETE BASE.
- MARKS ARE TO BE MADE WITH TURNED-DOWN EDGES EMBEDDED IN CONCRETE TO ELIMINATE TRIP HAZARD.
- DIMENSIONS PER NCDOT 848.06

TRUNCATED DOME SPACING

TRUNCATED DOME SECTION

NOT TO SCALE

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TRUNCATED DOMES PLAN AND CROSS-SECTION

STD. NO. REV.
 10.35B | 15

NOTES:

SUPPLEMENTAL VAN ACCESSIBLE SIGN (R7-8P) USED IF THERE IS ONLY ONE REQUIRED ACCESSIBLE PARKING SPACE (MUST BE VAN ACCESSIBLE) AND AT EACH ADDITIONAL REQUIRED VAN ACCESSIBLE SPACE. (SEE STD. NO. 50.10B)

NOT TO SCALE

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SUPPLEMENTAL ACCESSIBLE SIGN

STD. NO. REV.
 50.10C | 15