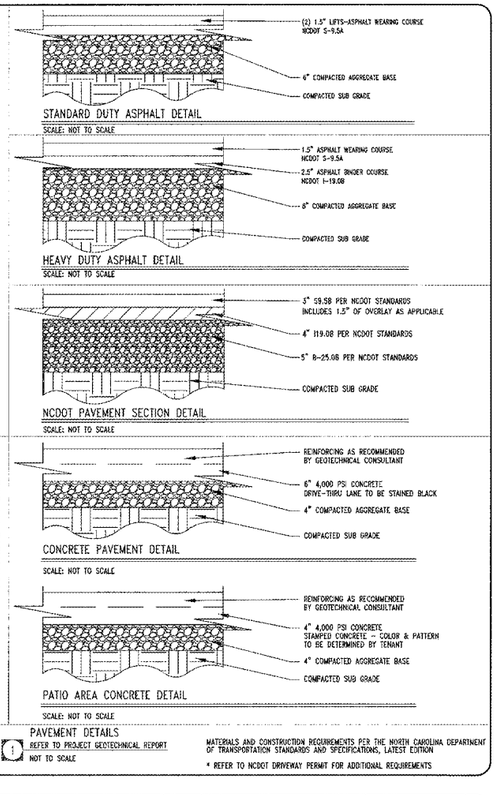
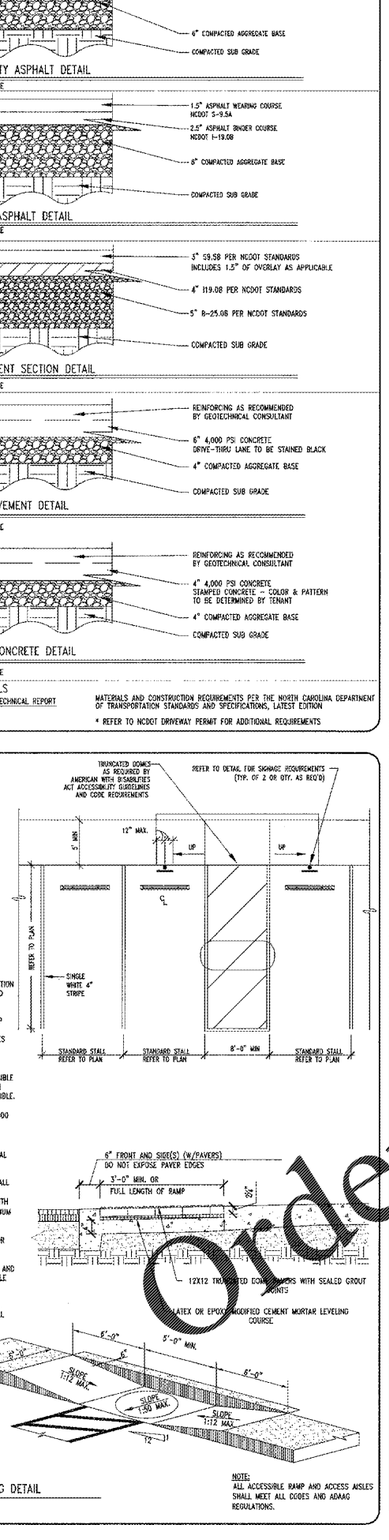


1 PAVEMENT DETAILS
REFER TO PROJECT GEOTECHNICAL REPORT
NOT TO SCALE

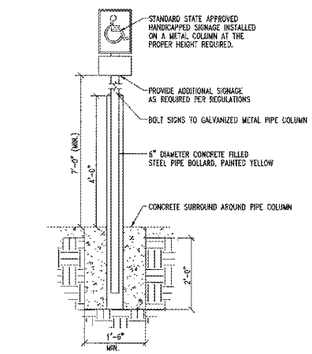
MATERIALS AND CONSTRUCTION REQUIREMENTS PER THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, LATEST EDITION

* REFER TO NCDOT DRIVEWAY PERMIT FOR ADDITIONAL REQUIREMENTS

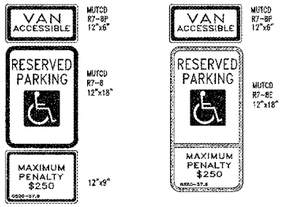


2 ACCESSIBLE PARKING DETAIL
NOT TO SCALE

NOTE:
ALL ACCESSIBLE RAMP AND ACCESS AISLES SHALL MEET ALL CODES AND ADAAG REGULATIONS.

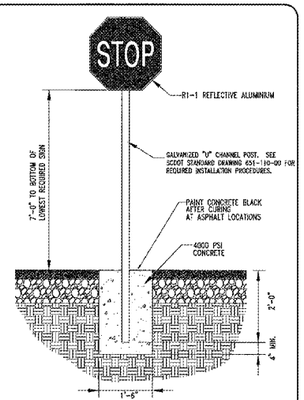


ACCESSIBLE PARKING SIGNAGE NOTES:
1. ALL LETTERS ARE TO BE PER THE LATEST EDITION OF THE MUTCD.
2. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER. CONTRACTOR SHALL VERIFY FINE AMOUNT AND ORDINANCE NUMBER.
5. ONE (1) SIGN REQUIRED FOR EACH ACCESSIBLE PARKING SPACE.
6. INSTALLED HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (MUTCD)
7. SIGN MAY BE MOUNTED ON BUILDING/WALL, AT PROPER HEIGHT, IF ALIGNED WITHIN 12" OF CENTER OF PARKING SPACE.

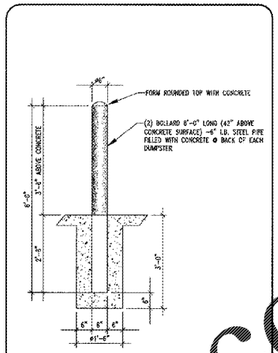


3 ACCESSIBLE PARKING SIGN DETAIL
NOT TO SCALE

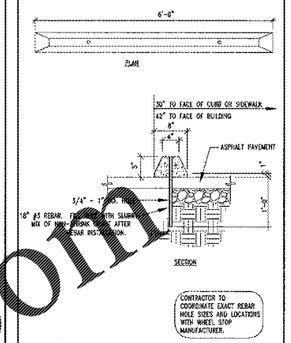
ACCESSIBLE SIGN



6 STOP SIGN DETAIL
NOT TO SCALE

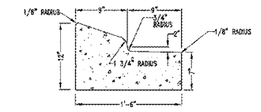


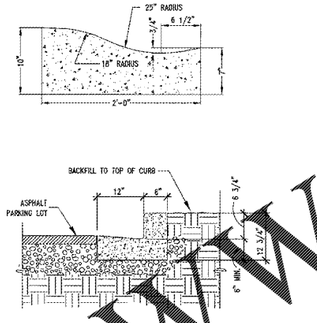
9 TYPICAL BOLLARD DETAIL
NOT TO SCALE



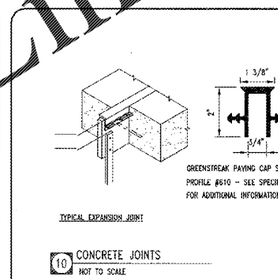
12 WHEELSTOP
NOT TO SCALE

NOTES:
1. CONTRACTION JOINTS SHALL BE SPACED AT 10-FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING.
2. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1 1/2" SHALL BE OBTAINED.
3. ALL EXPANSION JOINTS SHALL BE SPACED AT 50 FOOT INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ABUTTING SIDEWALK.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 P.S.I. IN 28 DAYS.
5. CURB SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS.
6. TOP 6" OF SUB-GRADE BENEATH THE CURB AND GUTTER SHALL BE COMPACTED TO 100 PROCTOR DENSITY.

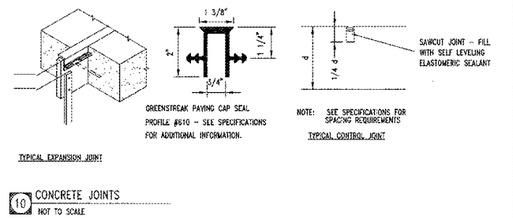




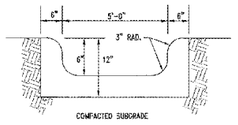
4 CURB/GUTTER DETAIL
NOT TO SCALE



7 PAVEMENT MARKINGS
NOT TO SCALE

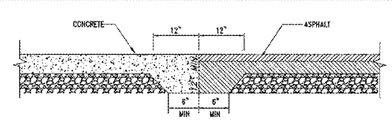


10 CONCRETE JOINTS
NOT TO SCALE

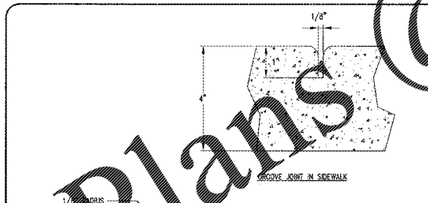


*NOTE: 1. ALL CONCRETE TO BE 3,600 PSI IN 28 DAYS.

8 CONCRETE FLUME
NOT TO SCALE

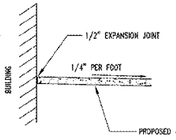


11 ASPHALT/CONCRETE TRANSITION JOINT
NOT TO SCALE

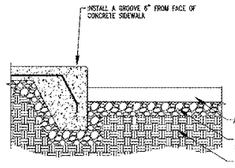


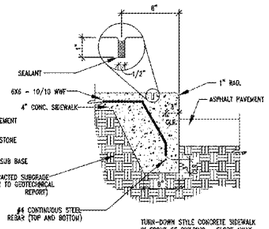
TRANSVERSE EXPANSION JOINT IN SIDEWALK

GENERAL NOTES:
1. A GROOVE JOINT 1" DEEP WITH 1/8" RADII SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 45' INTERVALS NOT TO EXCEED 50' AND MATCHING EXPANSION/CONSTRUCTION JOINT IN ADJACENT CURB. A SEALED 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
2. SIDEWALK AT DRIVEWAY ENTRANCES TO BE 6" THICK.
3. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 PSI IN 28 DAYS.



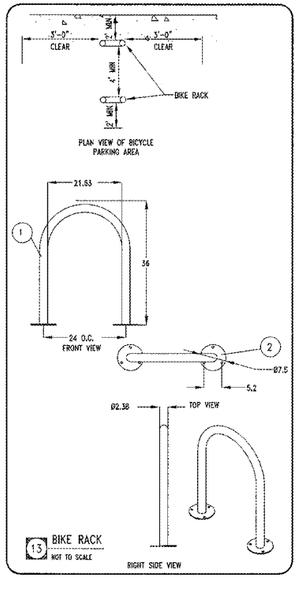
DETAILS SHOWING EXPANSION JOINTS IN CONCRETE SIDEWALK





TURN-DOWN STYLE CONCRETE SIDEWALK IN FRONT OF BUILDING - SLOPE AWAY FROM BUILDING.

5 CONCRETE SIDEWALK
NOT TO SCALE



13 BIKE RACK
NOT TO SCALE

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REVISIONS		
No.	Date	Desc:
1	10/15/19	REVISED PER CITY OF FAYETTEVILLE REVIEW
2	10/29/19	REVISED PER CITY OF FAYETTEVILLE REVIEW AND CAS COMMERCIAL PROVERTIES COMMENTS
3	12/30/19	REVISED PER FAYETTEVILLE PWC REVIEW
4	1/22/20	REVISED PER STARBUCKS REVIEW

Drawn
Checked
Approved

Project No. 018016
Date: November 1, 2019

Title
CONSTRUCTION DETAILS

Sheet No.
C1.4A