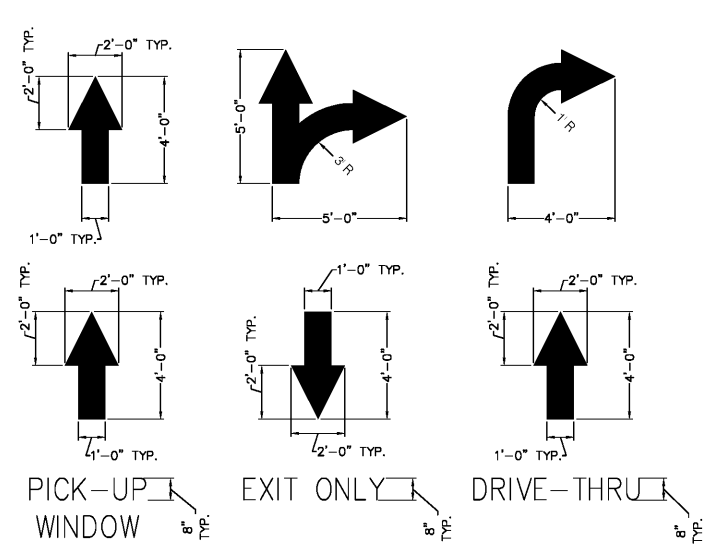
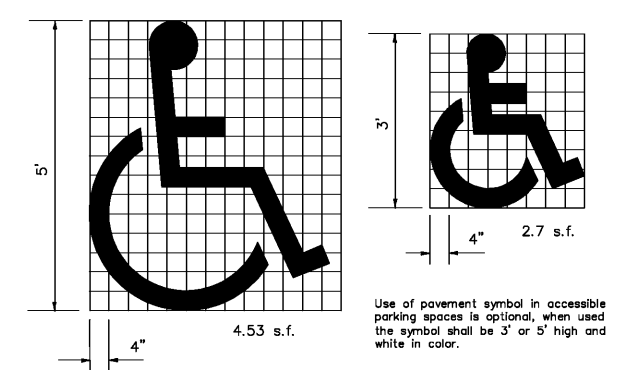
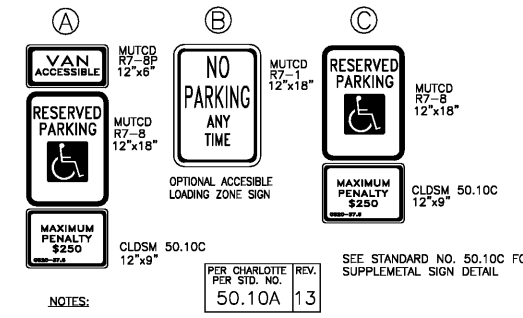
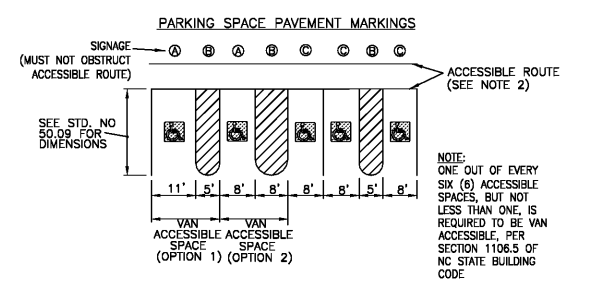
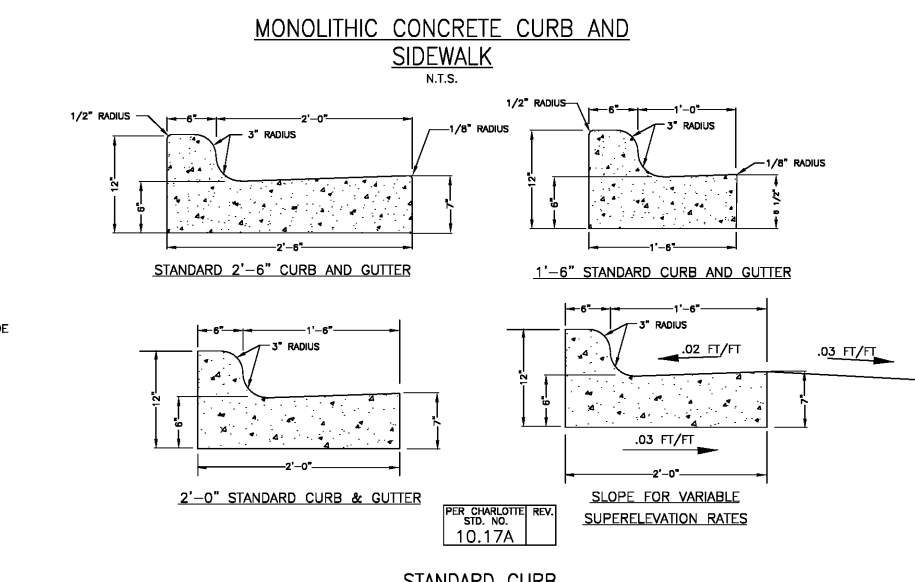
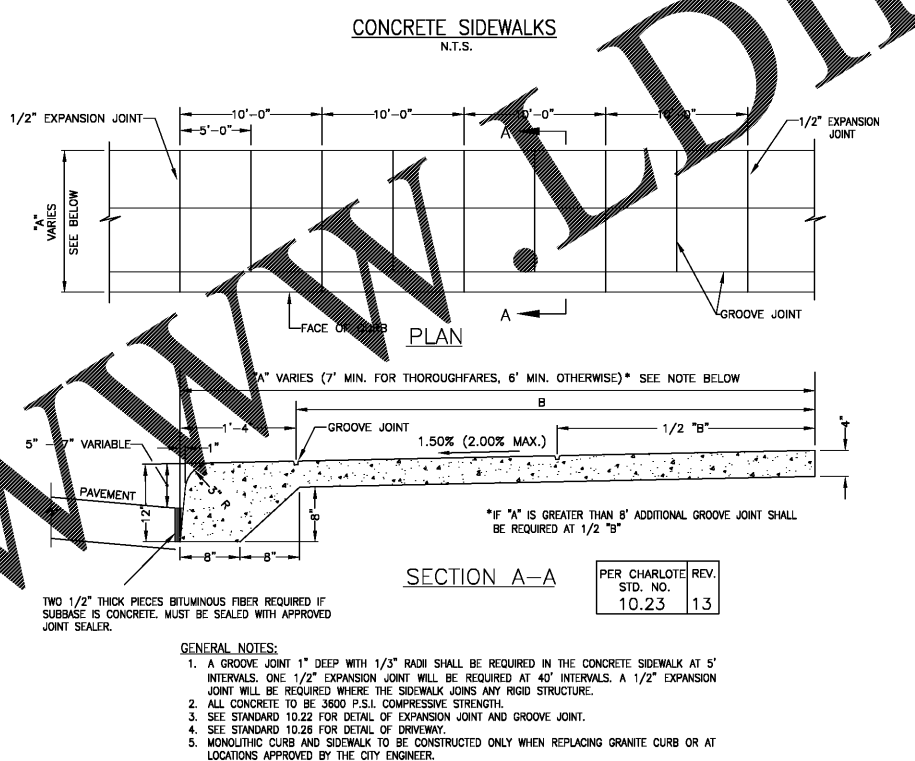
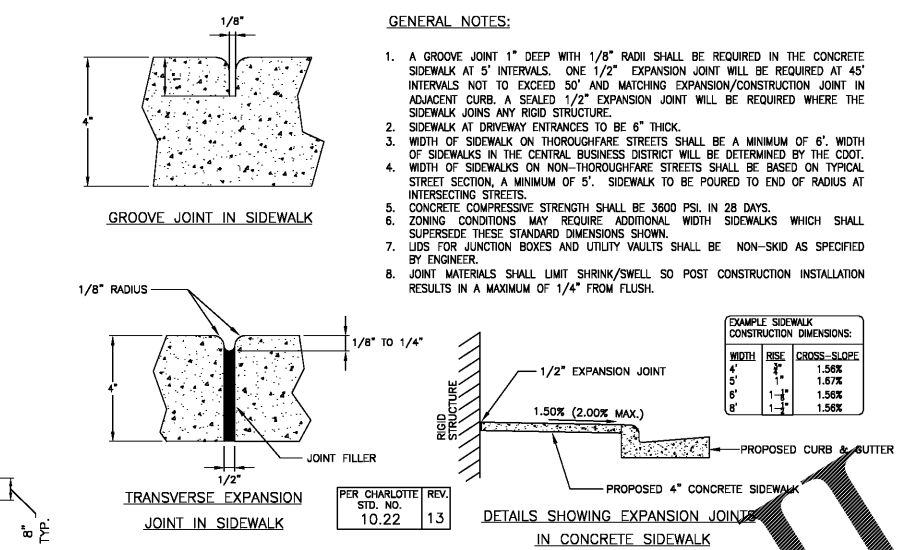
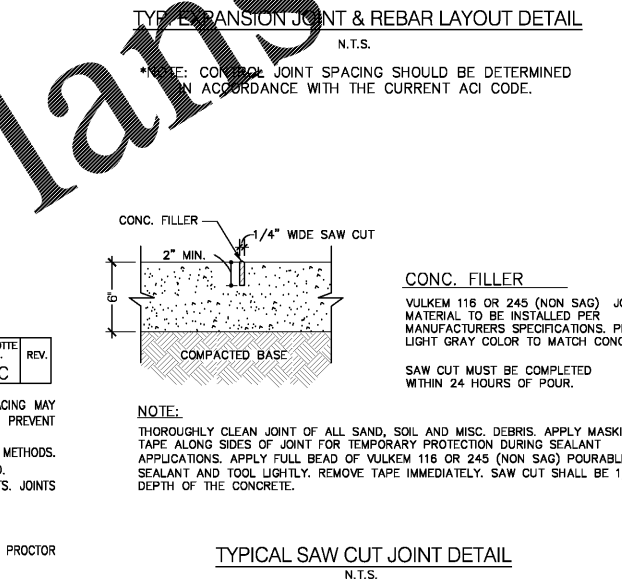
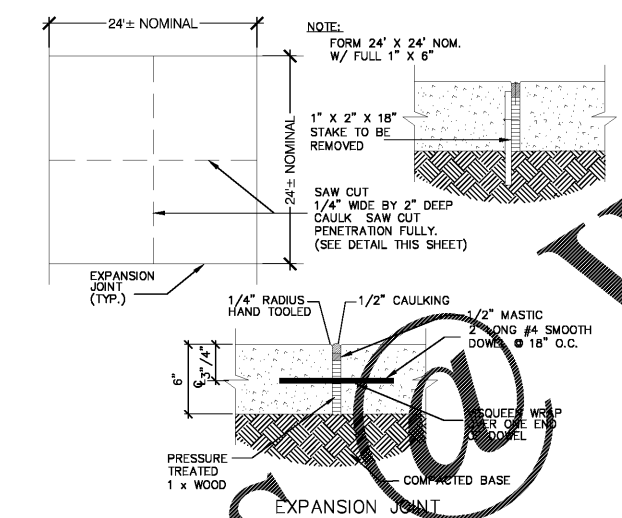


Drawing name: \\CEDSERVER\Project\0901069 - TB Mt Holly Rd, Charlotte, NC\Cadd\Construction\C09 - TB MT HOLLY NC - CONSTRUCTION DETAILS.dwg C09 Sep 18, 2017 9:21am by ricardoramos



TRANSVERSE EXPANSION JOINT
 N.T.S.

CONCRETE SIDEWALKS
 N.T.S.

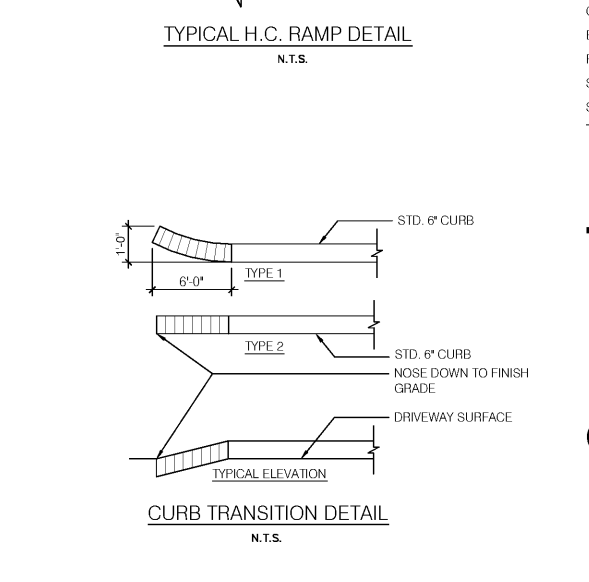
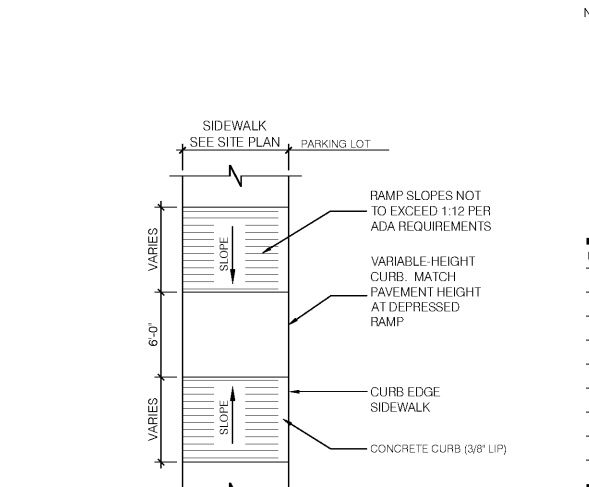


NOTES:

- CONCRETE JOINTS SHALL BE SPACED AT 10'-0" INTERVALS. FOR VALLEY GUTTER, A 10-FOOT SPACING MAY BE USED WHEN A MASTIC JOINT SEALING MAY BE ALTERED BY THE CITY ENGINEER TO PREVENT UNCONTROLLED BACKFLOW.
- CONCRETE 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.
- ALL EXPANSION JOINTS SHALL BE SPACED AT 90'-0" INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ADJUTING SIDEWALK.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 P.S.I. IN 28 DAYS.
- CONCRETE SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS.
- TOP OF SUBGRADE BENEATH THE CURB AND GUTTER SHALL BE COMPACTED TO 100% STANDARD PROCTOR DENSITY.

TYPICAL NOTES:

- RECORD DRAWINGS AND CERTIFICATION OF COMPLETION SHALL BE SUBMITTED, SIGNED, SEALED, AND DATED BY THE ENGINEER OF RECORD. THE DRAWINGS SHALL INDICATE ANY DEPARTURES FROM THE APPROVAL FROM THE APPROVED PLANS DURING CONSTRUCTION SHALL BE SUPPLIED BY THE CONTRACTOR. AS-BUILT DRAWINGS SHALL BE CERTIFIED BY A NORTH CAROLINA LICENSED SURVEYOR.
- THE HIGHEST GROUNDWATER WITHIN THE ROADWAY SHALL BE AT LEAST 1.5 FEET BELOW THE LIMEROCK BASE.
- GOVERNING SPECIFICATIONS: STATE OF NORTH CAROLINA, DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS AND PROVISIONS, LAST EDITION.
- CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE WITH STATE OF NORTH CAROLINA, DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD DRAWINGS, LAST EDITION.
- ANY NGVD-'29 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE GEODETIC INFORMATION CENTER ATTN: MARK MAINTENANCE SECTION N.C. 601 EXECUTIVE BOULEVARD ROCKVILLE, MARYLAND 20852 TELEPHONE NO. 301-442-8311.
- THE LOCATION OF THE EXISTING UTILITIES SHOWN IN THE PLANS IS APPROX. ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN IN THE PLANS) WITHIN THE AREA OF CONSTRUCTION. SHOULD THE UTILITY OWNERS, THE CONTRACTOR SHALL INFORM THE RESPECTIVE UTILITY OWNERS TO RESOLVE UTILITY CONFLICTS AND ADJUSTMENTS, AS REQUIRED.
- THE APPROVED UTILITY COMPANY SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT.
- THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS WHERE THERE ARE OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES TO REMAIN IN PLACE.
- THE CONTRACTOR SHALL CALL NORTH CAROLINA 811 FOR FIELD LOCATIONS THREE (3) WORKING DAYS BEFORE DIGGING NEAR UNDERGROUND UTILITIES.
- KNOWN UTILITIES:
 WATER: CHARLOTTE WATER
 SEWER: CHARLOTTE WATER
 ELECTRIC: DUKE ENERGY
 GAS: PIEDMONT NATURAL GAS
 PHONE: AT&T
- DESIGN ELEVATIONS ARE BASED ON THE SURVEY PREPARED BY OTHERS.
- BACKFILL FOR ALL UTILITY AND STORM LINES AND AROUND STRUCTURES SHALL BE COMPACTED WITH NO LESS THAN 95% DENSITY. A COPY OF TEST REPORT SHALL BE SUBMITTED TO THE COUNTY ENGINEER.
- APPURTENANCES FOR STORM SEWER, SANITARY SEWER, WATER, AND OTHER UTILITY SYSTEMS, SUCH AS MANHOLE COVERS, VALVE BOX COVER, ETC., WHICH ARE LOCATED WITHIN AN EXISTING OR PROPOSED PAVEMENT SUCH AS A ROADWAY OR SIDEWALK, SHALL BE AT GRADE WITH THE FINAL PAVEMENT. ACCEPTABLE TOLERANCE IS 3/8 INCH. A DEFICIENCY IN ASPHALT ROADWAY SHALL BE CORRECTED EITHER BY ADJUSTING THE APPURTENANCE OR THE PLACEMENT OF ASPHALT FOR A LENGTH EXTENDING FROM THE APPURTENANCE AT A SLOPE OF 50:1.



CORNELISON ENGINEERING & DESIGN, INC.
CED
 © 2017 CORNELISON ENGINEERING & DESIGN, INC.
 3609 OLD 57th AVENUE, SUITE 101, #3542
 TEL: 813-988-8888 FAX: 813-988-7062
 WWW.CORNELISON-ENG.COM
 CERTIFICATE OF AUTHORIZATION 4581

CORNELISON ENGINEERING & DESIGN, INC.
 SEAL 037118
 ENGINEER
 CRAIG L. CORNELISON
 NORTH CAROLINA LICENSE NUMBER PE037118
 9-18-17
 CRAIG L. CORNELISON, P.E.
 NORTH CAROLINA LICENSE NUMBER PE037118

CORNELISON ENGINEERING & DESIGN, INC.
 SEAL 037383
 ENGINEER
 CRAIG L. CORNELISON
 NORTH CAROLINA LICENSE NUMBER PE037383

REVISIONS:

NO.	DESCRIPTION

CONTRACT DATE: _____
 BUILDING TYPE: MED 54
 PLAN VERSION: _____
 SITE NUMBER: 311687
 STORE NUMBER: 436563

TACO BELL
 3923 SHAKEDOWN STREET
 CHARLOTTE, NC 28216

LIVE MAS
 MEDIUM 54

CONSTRUCTION DETAILS

C09

PLOT DATE: 9-18-17

This item has been digitally signed and sealed by Craig L. Cornelison, P.E. On 09/27/2018.
 Printed copies of this document are not considered signed and signature must be verified on any electronic copies.