SIDEWALK ACCESS RAMPS GENERAL NOTES

1. NORTH CAROLINA GENERAL STATUTE 136-44.14 REQUIRES THAT ALL STREET CURBS BEING CONSTRUCTED OR RECONSTRUCTED FOR MAINTENANCE PROCEDURES, TRAFFIC OPERATIONS, REPAIRS, CORRECTIONS OF UTILITIES OR ALTERED FOR ANY REASON AFTER SEPTEMBER 1, 1973 SHALL PROVIDE SIDEWALK ACCESS RAMPS FOR THE PHYSICALLY HANDICAPPED AT ALL INTERSECTIONS WHERE BOTH CURB AND GUTTER AND SIDEWALKS ARE PROVIDED AND AT OTHER POINTS OF PEDESTRIANS FLOW. IN ADDITION, SECTION 228 OF THE 1973 FEDERAL AID HIGHWAY SAFETY ACT REQUIRES PROVISION OF DEPRESSED CURBS ON ANY CURB CONSTRUCTED AFTER JULY 1, 1976 WHETHER A SIDEWALK IS PROPOSED INITIALLY OR IS PLANNED FOR A FUTURE DATE. THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990 EXTENDS TO INDIVIDUALS WITH DISABILITIES COMPREHENSIVE CIVIL RIGHTS PROTECTION SIMILAR TO THOSE PROVIDED TO PERSONS ON THE BASIS OF RACE, SEX, NATIONAL ORIGIN AND RELIGION UNDER THE THE CIVIL RIGHTS ACT OF 1964. THE ADOPTED SIDEWALK ACCESS RAMPS HAVE BEEN DESIGNED TO COMPLY WITH TITLE III OF THE ADA, THAT BECAME EFFECTIVE ON JANUARY 26, 1992 AND AS AMENDED, THE ADA REQUIREMENTS FOR DETECTABLE WARNINGS WERE SUSPENDED EFFECTIVE MAY 12, 1994.

2. SIDEWALK ACCESS RAMPS SHALL BE PROVIDED AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SIDEWALK ACCESS RAMPS SHALL BE LOCATED AS INDICATED IN THE DETAIL HOWEVER, THE LOCATION MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. AFFECT PLACEMENT. AT ALL LOCATIONS, NOT LESS THAN 2 FEET OF FULL HEIGHT CURB SHALL BE PLACED BETWEEN DOUBLE RAMPS. DOUBLE WHEELCHAIR RAMPS ARE TO BE INSTALLED AT ALL PUBLIC STREET INTERSECTIONS WHERE SIDEWALK IS REQUIRED. WHEN SIDEWALK IS NOT REQUIRED, CURB IS TO BE DEPRESSED AT ALL RAMP LOCATIONS.

3. THE WALKING SURFACE SHALL BE SLIP RESISTANT. COLORS FOR THE RAMP SHALL BE DARK CHARCOAL GRAY FOR CONTRAST WITH LIGHT PATHWAY COLORS AND LIGHT CONCRETE GRAY FOR CONTRAST WITH DARK PATHWAY COLORS AND SHALL BE AN INTEGRAL PART OF THE CONSTRUCTION MATERIAL. IRON OXIDE PIGMENT SHALL BE USED AT THE RATE OF 25 LBS. OF PIGMENT PER CU. YARD OF CONCRETE.

4. NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 1"/1 (12:1) IN RELATIONSHIP TO THE GRADE OF THE STREET.

5. IN NO CASE SHALL THE WIDTH OF THE SIDEWALK ACCESS RAMP BE LESS THAN 40" (3 -4") HOWEVER, RAMP MAY EXCEED 40".

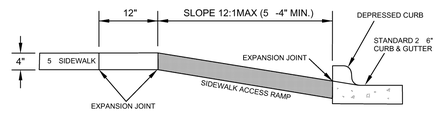
6. USE CLASS A (3000 PSI) CONCRETE WITH A SIDEWALK FINISH IN ORDER TO OBTAIN A ROUGH NONSKID SURFACE.

7. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE CONCRETE SIDEWALK ACCESS RAMP JOINS THE CURB AND AS SHOWN ON THE STANDARD DRAWING.

8. SINGLE OR DIAGONAL RAMPS ARE NOT PERMISSIBLE FOR NEW CONSTRUCTION.

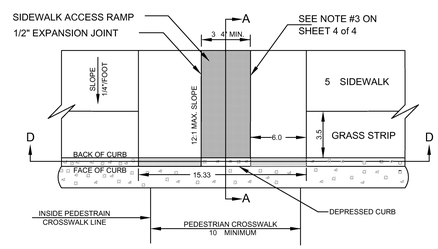
FOR ALL PUBLIC STREET TIE-INS

SECTION "A-A"
NTS



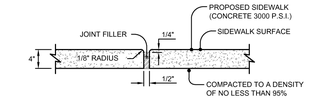
FOR RAMPS AT ASPHALT TO ASPHALT STREET TYPE DRIVEWAYS OR PRIVATE STREET TIE IN.

SECTION "B-B"
NTS



PLAV VIEW
NTS

SIDEWALK ACCESS RAMP
NTS



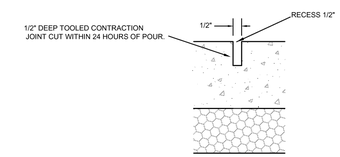
TRANSVERSE EXPANSION JOINT

NOTES:

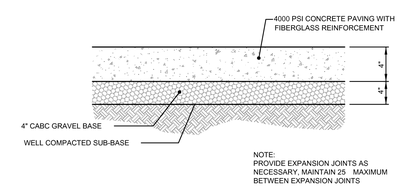
1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 25 APART.

2. ALL CONCRETE TO BE FINISHED WITH CURING COMPOUND.

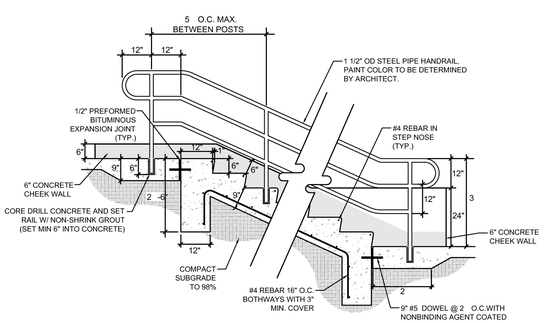
STANDARD CONCRETE SIDEWALK
NTS



CONTRACTION JOINT
NTS



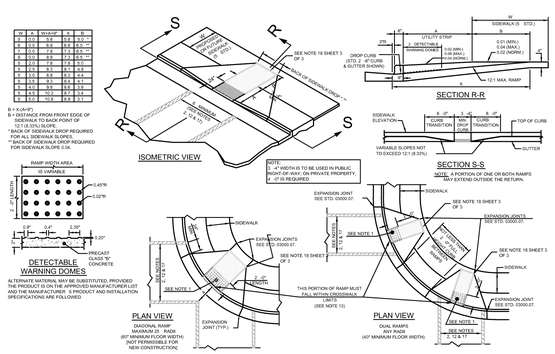
CONCRETE SLAB FOR SOLID WASTE ROLLOUT CONTAINERS
NTS



GENERAL NOTES

1. ALL RAIL CONNECTIONS TO BE WELDED AND GROUND SMOOTH.
2. CONCRETE TO BE 3,000 PSI @ 28 DAYS.
3. THICKEN CONCRETE SIDEWALK TO 9" 2 FROM DOWEL JOINT (TYP.)

CONCRETE STEPS DETAIL
NTS



STANDARD WHEELCHAIR RAMP
NTS

STOP!
BEFORE YOU DIG CALL
THE NC ONE CALL CENTER
1-800-632-4949
IT'S THE LAW!

FINAL DESIGN
NOT RELEASED
FOR CONSTRUCTION

NO.	REVISIONS	DATE
1.	REVISED PER TOWN COMMENTS	10/28/15

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
FAX: 919-322-0032
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11/3/15
NORTH CAROLINA PROFESSIONAL SEAL 18506 ENGINEER
RAG

SITE DEVELOPMENT PLANS FOR WEST STREET OFFICE BUILDING SITE DETAILS CHATHAM COUNTY, NC

Date:	October 2015
Scale:	-
Drawn:	CPM
Checked:	MPA
Project No.	127-190
Computer Dwg. Name	127-190_Sht-06-07-SiteDetails

Sheet No: 6
Of___-