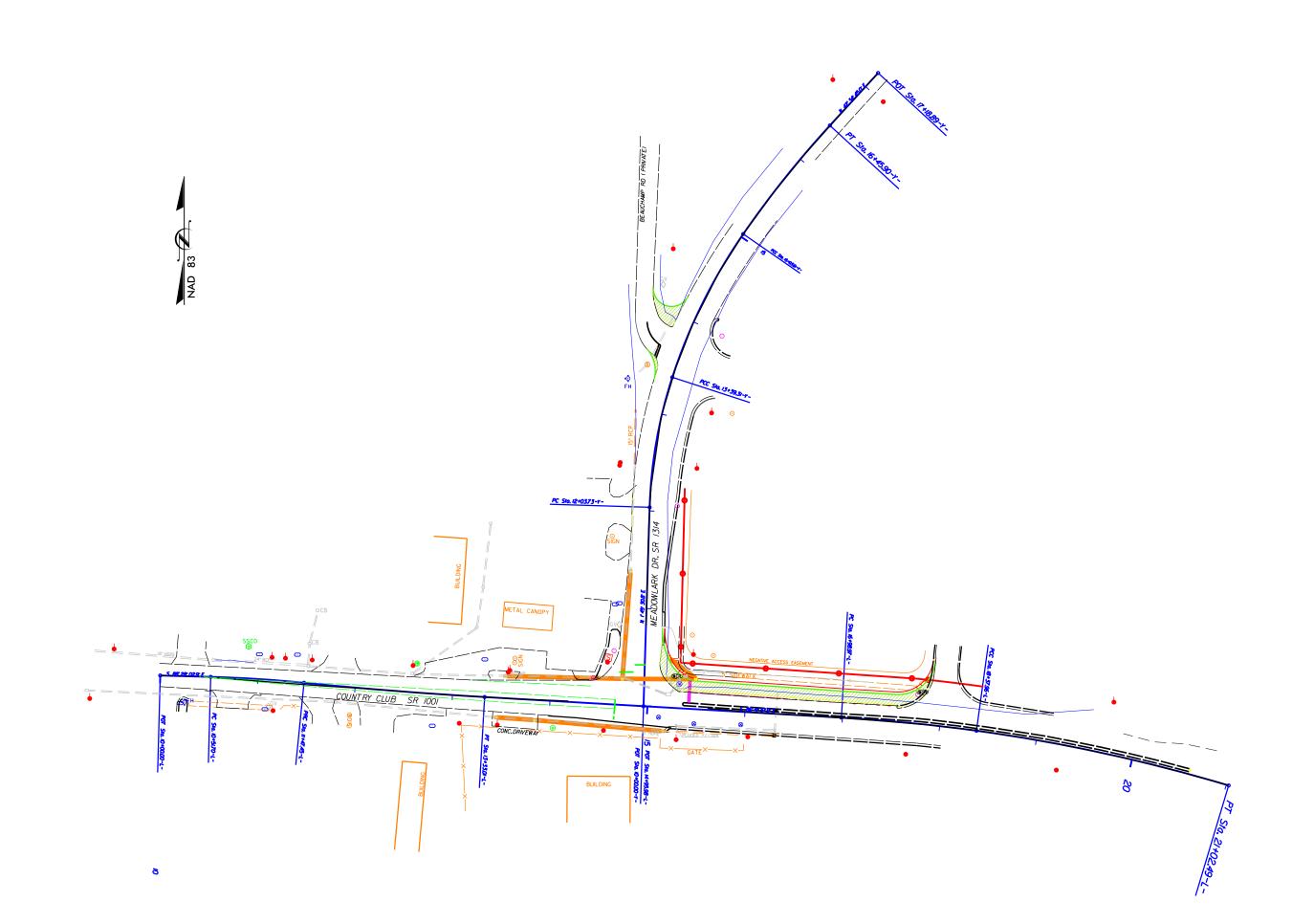
VICINITY MAP NTSLEGEND

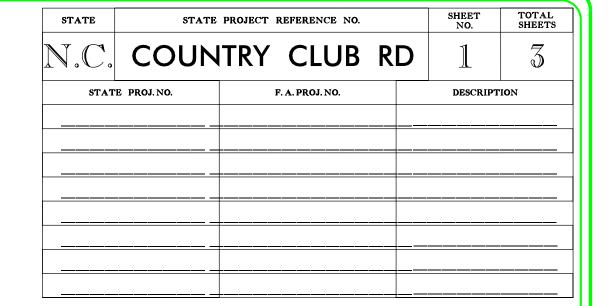
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

FORSYTH COUNTY

LOCATION: INTERSETION OF COUNTRY CLUB ROAD (1001) & MEADOWLARK DRIVE (1314)

TYPE OF WORK: GRADING, WIDENING, CURB & GUTTER, PAVING, DRAINAGE AND STRUCTURES





EROSION CONTROL LEGEND

ROCKI	NLET PROTECTION:
896.01	TYPE A A D OR A)
896.02	TYPEBB
896.03	TYPE C C OR C
897.0	ROCK PIPE INLET PROTECTION
N ⁄A	PIPE OUTLET ENERGY DISSIPATOR
NA	DRAINAGE TURNOUT
NA	RIP-RAP LINED DITCH
NΑ	STREAM —
N ⁄A	HIGH POINT/ WATER FLOW DIRECTION \longleftarrow X \longrightarrow
245.01	SILT BASIN TYPE A
245.02	SILT BASIN TYPE B
245.03	TEMPORARY SILT DITCH — TSD —
245.05	TEMPORARY DIVERSION DITCH ——TD ——
100.0IB	STORM DRAINAGE GE PIPE
890.05	TEMP. SLOPE DRAIN W/ EARTH BERM —
892.01	TEMPORARY ROCK SEDIMENT DAM TYPE A
892.02	TEMPORARY ROCK SEDIMENT DAM TYPE B
A BAFF	LE IN A SEDIMENT DAM (IEVERY 10') XXXXX
892.04	TEMPORARY ROCK SILT CHECK TYPE A
893.01	TEMPORARY SILT FENCE ###
894.01	ROCK SILT SCREEN
895.10	TEMPORARY ROCK SILT CHECK TYPE B
NA	WATTLE

EXISTING EDGE OF PAVEMENT PROPOSED EASEMENT CONSTRUCTION____ PROPOSED TOE OF SLOPE ...

UTILITIES & STRUCTURES
UTILITY & SIGNAL POLE
POWER POLE
TELEPHONE PEDESTAL
GUY WIRE
SIGNAL BOXS
SANI.SEWER MANHOLE
SANI.SEWER CLEANOUT
WATER METER
WATER VALVE FIRE HYDRANT
GAS METER
GAS VALVE
CATCH BASIN & DI'S
GUARDRAIL TTTT
FENCE
SIDEWALK
TREE
HEDGE ROW
WOOD LINE

GRAPHIC SCALES PLANS PROFILE (HORIZONTAL)

PROFILE (VERTICAL)

DESIGN DATA

NTS

PROJECT LENGTH

0.08 MILES

Prepared in the Office of: **DEPARTMENT OF TRANSPORTATION** DIV. 9 /DISTRICT II

375 Silas Creek Pkwy., Winston Salem NC, 27127

2012 STANDARD SPECIFICATIONS

COUNTY: FORSYTH **W.O. NUMBER:** NA PLAN SCALE: NA

7/30/2014 GWG **DATE DRAWN DRAWN BY** 3/11/2015 GWG REVISED DATE DRAWN BY

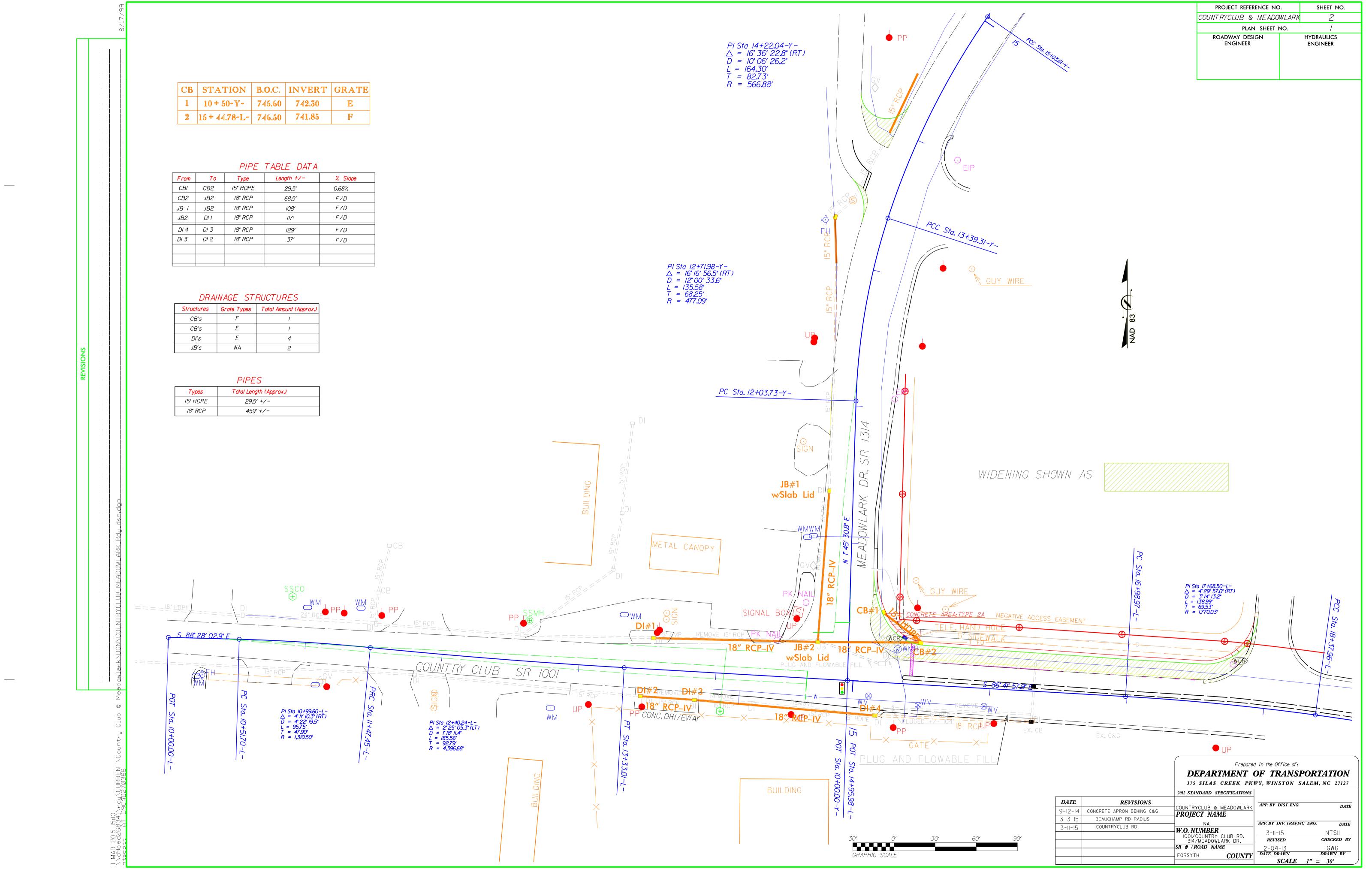
DISTRICT ENGINEER

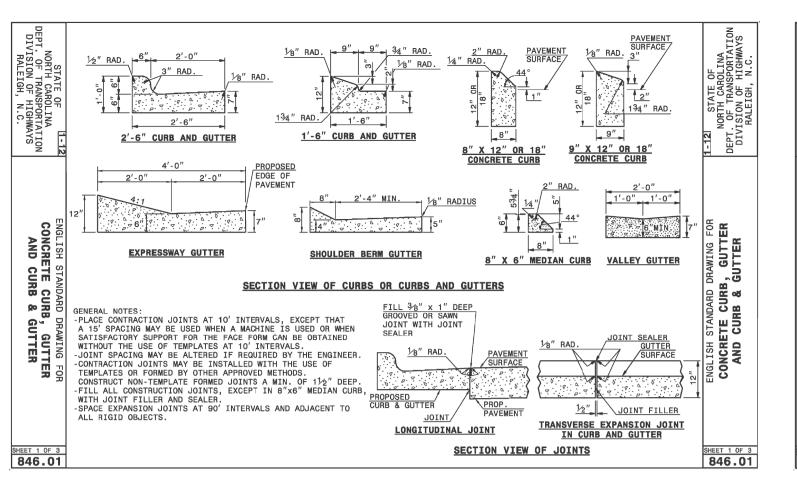
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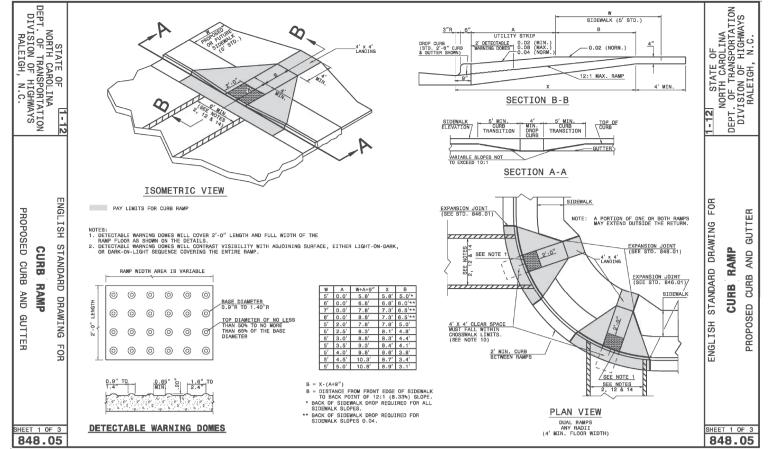
DIVISION TRAFFIC ENGINEER

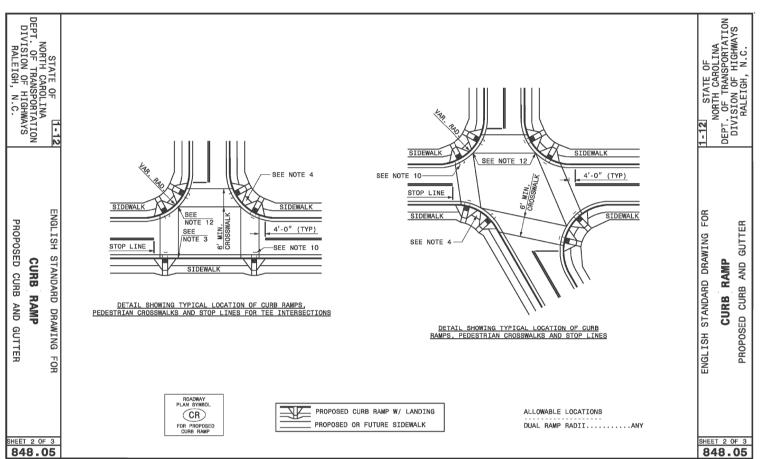
SIGNATURE:

(3)









SITE DESCRIPTION STABILIZATION TIMEFRAME EXCEPTIONS PERIMETER DIKES, SWALES, DITCHES AND SLOPES. HIGH QUALITY WATER ZONES 7 DAYS IF SLOPES ARE IO FT. OR LESS IN LENGTH AND ARE SLOPES STEEPER THAN 3:1 NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED SLOPES 3:10R FLATTER 14 DAYS 7 DAYS FOR SLOPES GREATER THAN 50 FT. IN LENGTH NONE, EXCEPT FOR PERIMETERS AND HOW ZONES ALL OTHER AREAS FLATTER THAN 4:1 14 DAYS

CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.

LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.

COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.

REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.

CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.

16. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01

17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.

CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. 13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGHT THE ISLAND.). SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'X5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.

4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4'MINIMUM.

6. TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.

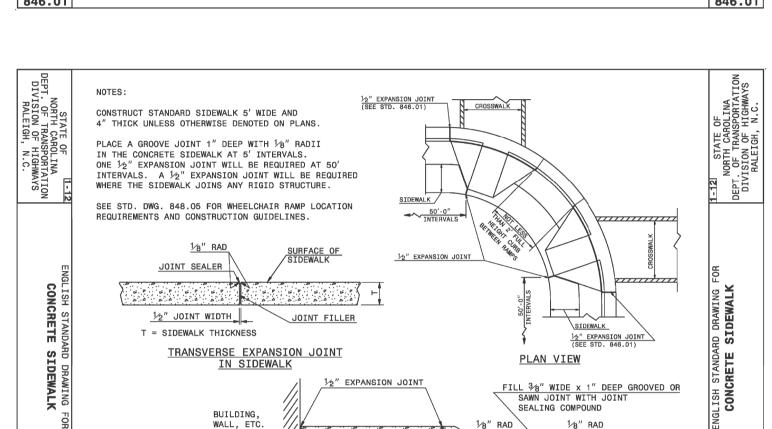
9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.

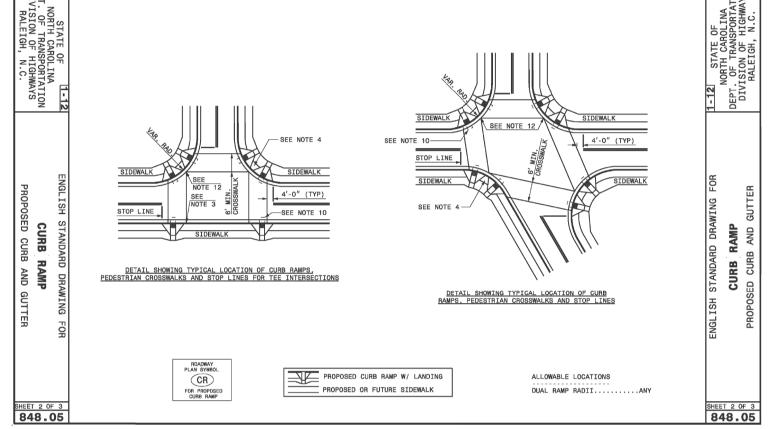
CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.

7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.

8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.

	PROJECT REFERENCE NC).	SHEET NO.
\neg	COUNTRYCLUB & MEADOW	/LARK	3
	detail sheet no.		/
	ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER

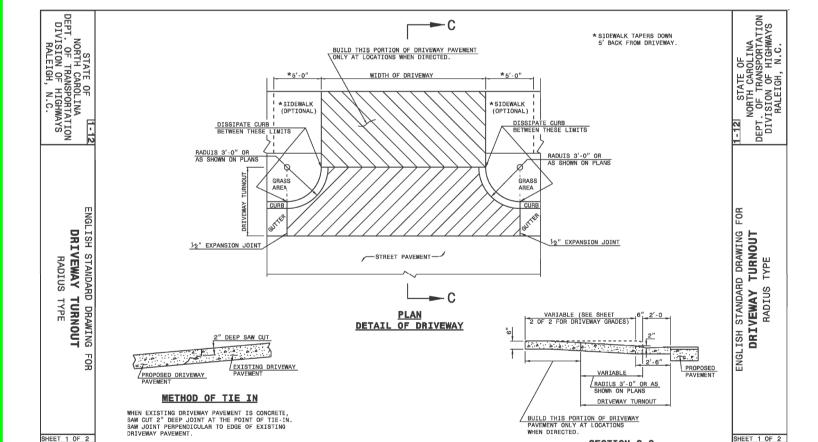




TYPICAL SECTION A 15+20 TO 17+54.62 -L-

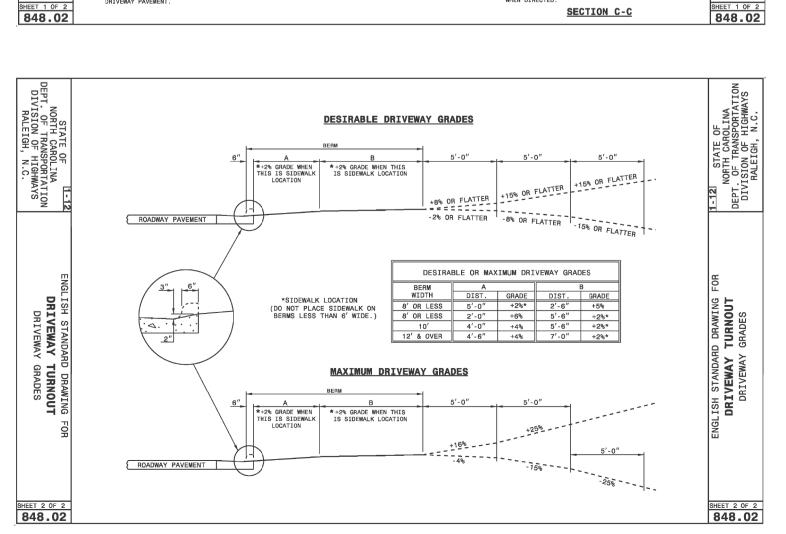
TYPICAL SECTION B

10+38.67 to 10+63.35 -Y-



DETAILS SHOWING JOINTS IN CONCRETE SIDEWALK

848.01



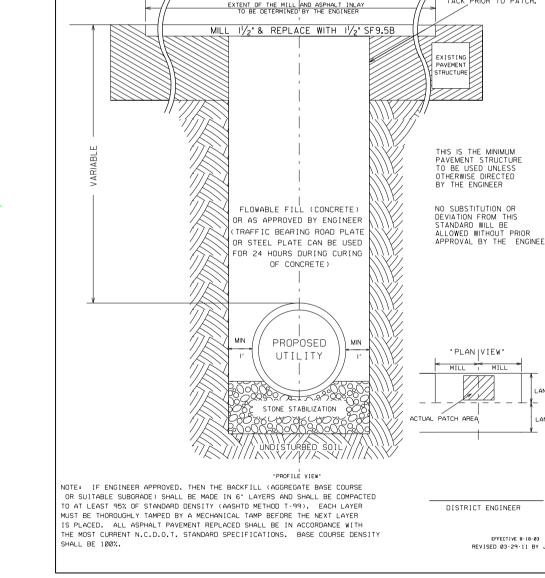
SEDIMENT BASIN DESIGN :

SEDIMENT BASINS THAT DISCHARGE FROM THE PROJECT AND ARE DESIGNED TO HANDLE A DRAINAGE AREA LARGER THAN ONE ACRE WILL BE REQUIRED TO UTILIZE A SURFACE DEWATERING DEVICE, SUCH AS A SKIMMER, WEIR, OR FLASH BOARD RISER.

NOTE: APPLY 3.5 OZ OF (PAM) TO EVERY WATTLE EXCEPT FOR THE LAST ONE IN THAT RUN.

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCGOIOOOO GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3,2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY

OPTIONAL CHART:

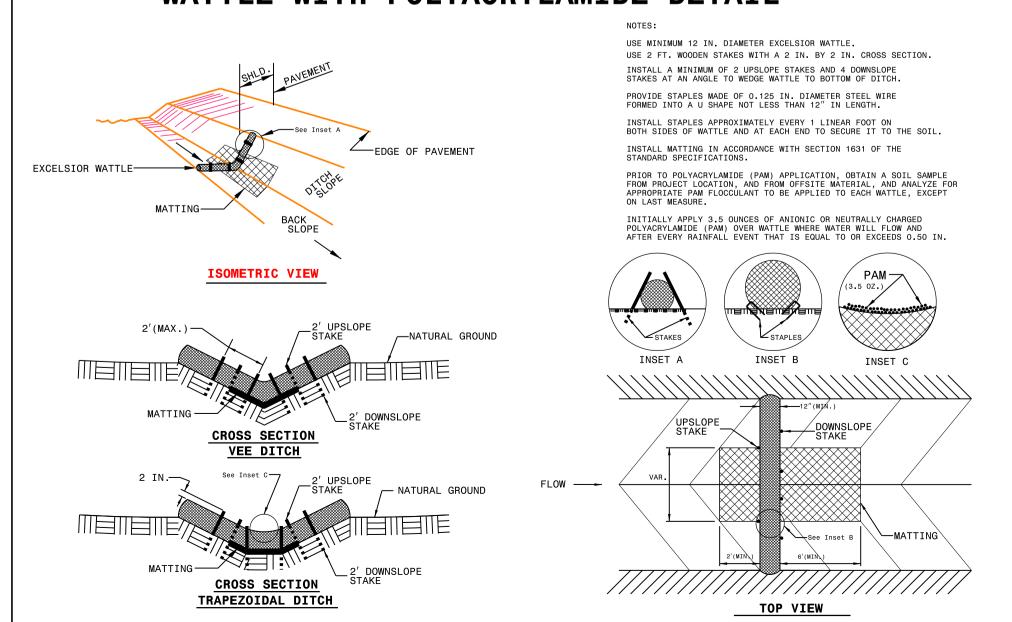


MILL & PATCH METHOD

FULL DEPTH FLOWABLE FILL

SPECIAL DETAIL

WATTLE WITH POLYACRYLAMIDE DETAIL



PAVEMENT STRUCTURE

C1	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER IN. PER SQ. YD.			
	PROP. APPROX. 4 " ASPHALT CONCRETE INTERMEDIATE COURSE,			
D1	TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS. PER IN. PER SQ. YD.			
E1	PROP. APPROX. 5-1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0 B, AT AN AVERAGE RATE OF 114 LBS. PER IN. PER SQ. YD.			
R1	2'-6" STANDARD CONCRETE CURB AND GUTTER (STD. 846.01)			
M	2' CURB REVEAL			
U	EXISTING PAVEMENT			
Т	EARTH; SHOULDER (2'-3')			
NOTE:				