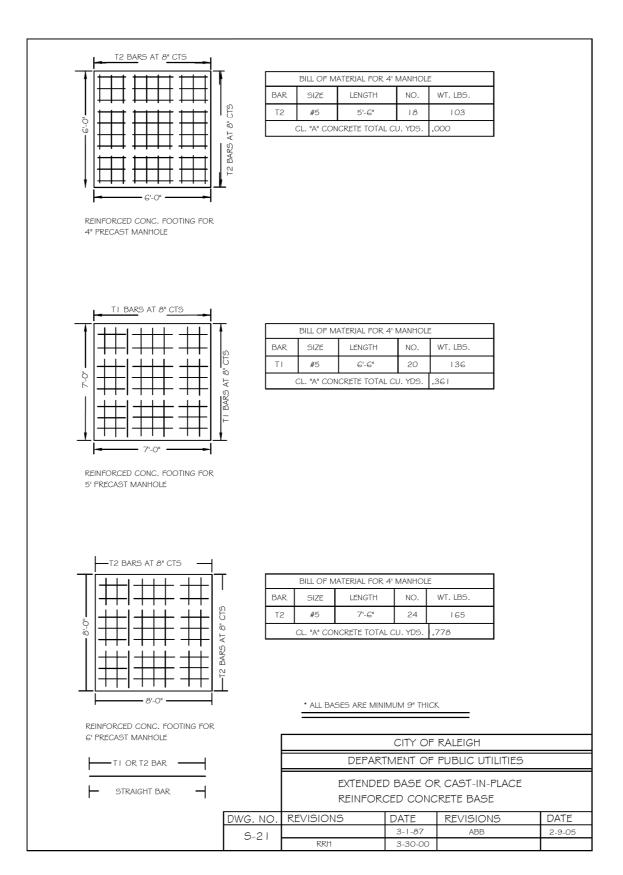
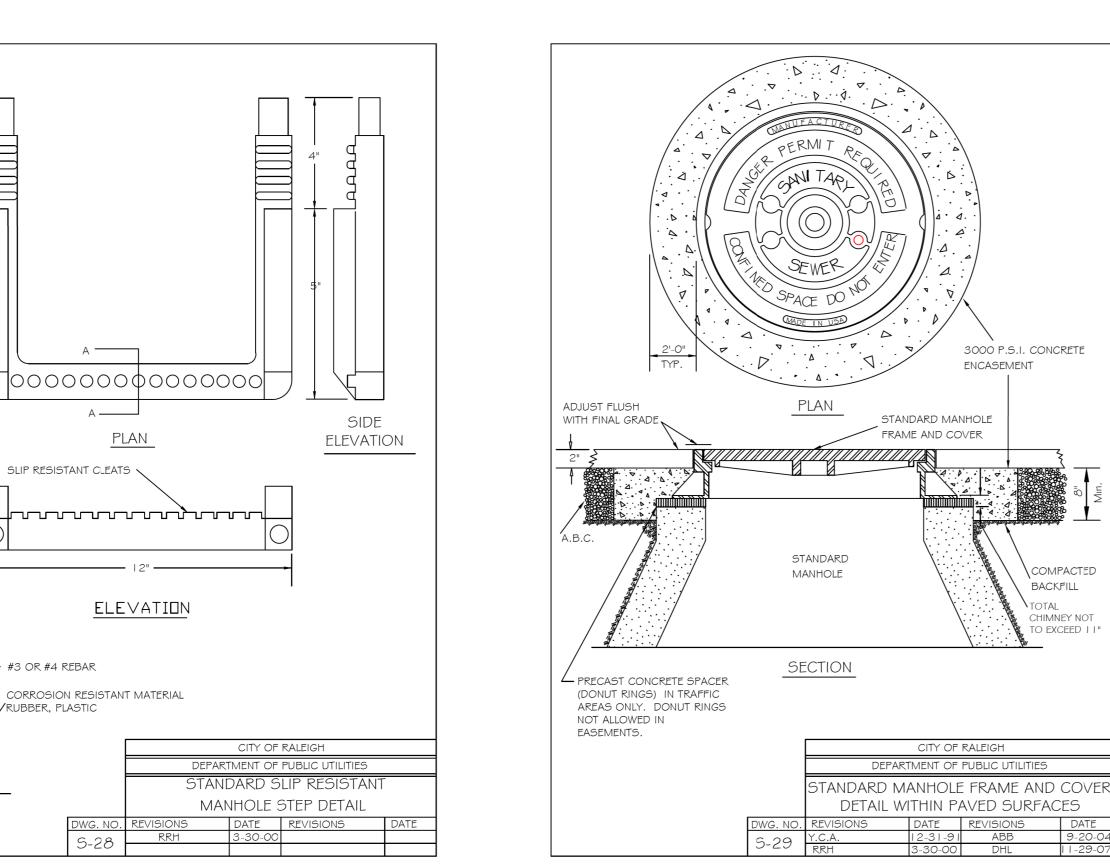


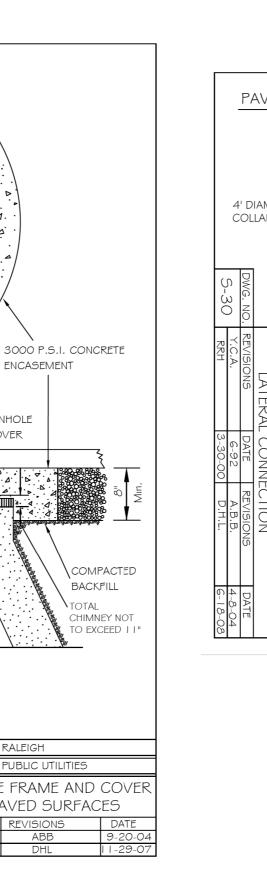
#3 OR #4 REBAR

/RUBBER, PLASTIC

SECTION A - A







P.O. BOX 33068 • RALEIGH, N.C. 27636-3068

	PROJECT REFER	RENCE	NO.	SHEET	NO.
	B-5121 / B		UC-3F		
	DESIGNED BY: [	)GB		annininin	<b>.</b>
8	DRAWN BY:	JGB	JII	With CARO	11/1/2
	CHECKED BY:	JRP	TI II	POFESSION	7
	APPROVED BY:	JAR	"	SEAL `	
	REVISED:			030001	
	NORTH CAROLIN DEPARTMENT O TRANSPORTATIO	)F		COPY: A. RIN	<b>10</b> 1111
	UTILITIES ENGINEERII PHONE:(919)707- FAX:(919)250-41	-6690	_ -U6\$0 ^q <u>A</u> 1]	2TDP4FCONSTF PLANS ONL	

## UTILITY CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS.

## CITY OF RALEIGH

All Construction must be in accordance with all Local, State, and Federal Rules and Regulations.
TRANSPORTATION SERVICES
PUBLIC UTILITIES
STORMWATER
PLANNING
FIRE
URBAN FORFSTRY

PAVEMENT C	OPTION!		*SERVICE LATERAL I	MATERIAL AS REQUIRED
=	MUST	WHEN SEWER CLEAN OUT PAVEMENT OR IMPERVIOU IT MUST BE INSTALLED IN BOX (OR MINI-MANHOLE, LABELED "SEWER".	US SURFACE, SIDE A VALVE ) WITH COVER  FINISHED  GRADE  GRADE	CAST IRON OR BRONZE  CLEAN OUT PLUG  THE STATE OF THE STA
DEPARTMENT OF PUBLIC UTILITIES  TYPICAL SANITARY SEWER  LATERAL CONNECTION  DWG. NO. REVISIONS DATE  S. 20 Y.C.A.  CITY OF RALEIGH  PUBLIC UTILITIES  A.B.B.  DATE  A.B.B.  4-8-04	NOTE: THE FULL LENGTH OF THE SER BE COMPACTED IN 6" LIFTS W ALL TAPS WILL BE MADE USIN MACHINE. FOR PVC INSTALL	WITH MECHANICAL TAMP.  JIG MECHANICAL TAPPING  ATIONS, SADDLE AND BEND  ONE. BEDDING AND HAUNCHING  PLY WITH REQUIREMENTS OF	I PIECE OF PIPE  MIN. GRADE 1%  BARREL OF PIPE BEDDING (CLASS II, III, OR IV)	INSTALLATIONS BY UTILITY CONTRACTORS BEYOND THE PROPERTY OR EASEMENT LINE REQUIRE A "PLUMBING UTILITY" PERMIT AND AR INSPECTED BY THE PLUMBING INSPECTOR. DO NOT BACKFILL PRIO TO INSPECTION.  4" D.I. OR PVC PIPE

MANHOLE FRAME AND COVER

L I " VENT HOLE

5/8"X3" LAGSHIELD IN HOLE

RING WITH ANCHOR SUNK TO

DESIGN DEPTH, AND 3/8"X3"

DRILLED INTO CONE OR

HOT DIPPED GALVANIZED

LAG BOLT AND WASHER.

CITY OF RALEIGH

DEPARTMENT OF PUBLIC UTILITIES

STANDARD MANHOLE COVER

COVER 120 LBS. MINIMUM

<del>---</del> 2 3/4"

BUTYL-NEK OR

PPROVED SEALANT

BETWEEN FRAME

DOMESTICALLY CAST.

WITHIN EASEMENTS.

BOLTS PER FRAME.

AND COVER

I) ALL MANHOLE FRAMES SHALL BE

2) FRAME SHALL BE A MINIMUM WEIGHT OF

182 LBS. WITHIN PUBLIC ROW AND 160 LBS.

3) COVER SHALL WEIGH A MIN. OF 120 LBS.

SURFACES SHALL BE BOLTED TO THE CONE

SECTION OR RING WITH A MINIMUM OF 4

4) ALL MANHOLE FRAMES OUTSIDE OF PAVED

7 1/2"

23 1/2"