B40.31 CONCRETE JUNCTION BOX (WITH OPTIONAL MANHOLE) 12" THRU 66" PIPE B40.32 RINGC JUNCTION BOX 12" THRU 66" PIPE B40.34 RINGC JUNCTION BOX 12" THRU 66" PIPE B40.35 RINGC JUNCTION BOX 12" THRU 66" PIPE B40.36 RINGC JUNCTION BOX 12" THRU 66" PIPE B40.37 RINGC JUNCTION BOX 12" THRU 66" PIPE B40.38 RINGC JUNCTION BOX 12" THRU 68" PIPE B40.35 REAFIC BEARING JUNCTION BOX FOR USE WITH PIPES 42" AND UNDER TOP SUBJECT FOR JUNCTION BOX HEIGHT 10"-4"8" USE 8" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL FROM 5'THICK WALL, FROM 4'8" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL STRUCTURE EXCEEDS 12"-0" PICHOLTH EXCEEDS 12"-0" HEIGHT AS PECIAL DESIGN WILL BE REQUIRED B40.35 REAFTIC BEARING DROP INLET FOR STEEL (840.37) DOUBLE FRAME AND GRATES B40.37 STEEL GRATE AND FRAME B40.38 STRUCTURE (SOLID AND WAFFLE WALL) B40.39 STRUCTURE (SOLID AND WAFFLE WALL) B40.40 TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE B40.51 BRICK MANHOLE 12" 39" PIPE B40.52 PRECAST MANHOLE 4", 5" AND 6" DIAMETER 12" THRU 48" PIPE B40.53 PRECAST MANHOLE WITH MASONRY BASE 12" THRU 42" PIPE B40.54 WAFFLE WALL SUPPORTION COOL B40.3 SUPPORTION CHOOL B40.3 STRUCTURE (BHIEST HE TOP 6" FLAT TOP SLAB AND BOTTON OF TRANSFORMED) B40.55 MANHOLE FRAME AND COVER B40.56 DRAINAGE STRUCTURE STEPS B40.57 MANHOLE FRAME AND COVER (FLUSH WITH SLAB FOR OPEN THROAT CB) B40.58 MANHOLE FRAME AND COVER (FLUSH WITH SLAB FOR OPEN THROAT CB) B40.59 MANHOLE FRAME AND COVER (FLUSH WITH SLAB FOR OPEN THROAT CB) B40.51 MANHOLE FRAME AND COVER (FLUSH WITH SLAB FOR OPEN THROAT CB) B40.57 MANHOLE B SUPPELED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-IN/CH DIAMETER VENT HOLES. B40.59 MANHOLE FRAME AND COVER (FLUSH WITH 1" -6" CURB AND GUTTER) B40.51 RIPE FRAME AND COVER	DWG	SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
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### 1-INCH DIAMETER VENT HOLES. ### 840.55 ### MANHOLE FRAME AND COVER (FLUSH WITH SLAB FOR OPEN THROAT CB) ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF TWO AND A MAXIMUM OF SIX 1-INCH DIAMETER VENT HOLES. ### ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A LICENSE SHALL BE SUPPLIED WITH A LICENSE SHA	840.54	MANHOLE FRAME AND COVER	ALL COVERS SHALL BE SUPPLIED WITH A MINIMUM OF TWO AND A MAXIMUM OF SIX
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	876.04	DRAINAGE DITCHES WITH CLASS "B" RIP RAP	

NOTE 1: FOR ALL STRUCTURES — ALL CONCRETE USED FOR DRAINAGE STRUCTURES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 PSI AT 28 DAYS. THIS REQUIREMENT SHALL BE PROVIDED REGARDLESS OF ANY LESSER COMPRESSIVE STRENGTH SPECIFIED IN THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.



CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS

INCLUDES CHARLOTTE ETJ

NCDOT STANDARDS

APPROVED FOR USE IN THE CITY OF CHARLOTTE

AND CHARLOTTE ETJ

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