NOTES:
1. INSIDE OF MANHOLE SHALL BE FACTORY EPOXY COATED MIN. 50 MIL. SURFACE DRY. EPOXY SEALER PRIME COATING AND FINISH COATING SHALL BE APPROVED BY THE COUNTY PRIOR TO INSTALLATION.
2. A THERM MODEL 5110 HOIST MUST BE PROVIDED FOR BASKET REMOVAL ON SEPARATE FOUNDATION.

ALUMINUM ACCESS HATCH (3'0" X 3'0" MIN.)
HALLIDAY, BILCO, CARBOLINE, OR EQUAL

STANDARD 5' DIA. MINIMUM PRECAST MANHOLE

STAINLESS STEEL CHAIN W/ STAINLESS STEEL CHAIN BRACKET ANCHORED INTO CONCRETE
ALUMINUM OR STAINLESS STEEL GUIDERAIL W/ STAINLESS STEEL WALL BRACKETS ANCHORED INTO CONCRETE

INFLUENT PIPE

FLOW

EFFLUENT PIPE

FLOW

18" MIN.

GROUT

SLOPE

ALUMINUM OR STAINLESS STEEL BASKET W 1" OPENINGS

SECTION

NOTES:
1. DIFFERENCE IN INLET AND OUTLET INVERT ELEVATIONS SHALL BE 1.5' MINIMUM.
2. ALL CONCRETE EXPANSION ANCHORS SHALL BE TYPE 316 STAINLESS STEEL.
3. A SEPARATE BASKET STRAINER MANHOLE IS REQUIRED FOR CIRCULAR WETWELL INSTALLATIONS.

BASKET STRAINER MANHOLE
NOT TO SCALE

JOHNSTON COUNTY
Department of Public Utilities
P.O. Box 2263
Smithfield, NC 27577
SANITARY SEWER
STANDARD DETAIL
Typical Basket
Strainer Manhole Section
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