MINIMUM DIAMETER 4'-6" SEE DEPTH TABLE FOR (D)

SECTION A-A

POURED-IN-PLACE CURB-MOUNTED SUMP TO AVOID ACCUMULATION OF SEDIMENT.

1/2' EXPANSION JOINT

SIDEWALK (WHERE REQUIRED)

FOR CLARITY; THE INVERT IS NOT SHOWN.

BOTTOM SECTION

CONCRETE INVERT

1/4' FT

H - DISTANCE FROM TOP OF CASTING TO PIPE INVERT (SEE DEPTH TABLE FOR (H) MINIMUM DEPTH)

SUMP INLET BOTTOM SECTION

#5 BARS (TYPICAL)

2'-5" RADIUS FOR PRECAST CONCRETE CURB INLET

SIDE VIEW

MINIMUM 6" CONCRETE CURB

SUMP INLET TOP SECTION

#4 BARS : 12" O.C. (TYPICAL)

2'-5" RADIUS FOR PRECAST CONCRETE CURB INLET

NOTES:

1. THE LOWER PORTION (ROUND, PRECAST MANHOLE) SHALL BE CONSTRUCTED TO MEET ASTM C-476.
3. THE TOP SURFACE OF THE TOP SECTION SHALL HAVE A BLOWN FINISH TO MATCH THE EXISTING OR PROPOSED SIDEWALK.
4. CONCRETE INLETS SHALL BE CONSTRUCTED IN THE FIELD AS TO PROVIDE POSITIVE FLOW.
5. EACH SECTION OF THE PRECAST STRUCTURE SHALL HAVE NO MORE THAN THREE HOLES FOR THE PURPOSE OF HANDLING AND LIFTING.
6. LIFTING DEVICE HOLES SHALL BE TAPERED AND PLUGGED WITH STOPPERS OR MORTAR AFTER INSTALLATION.
7. THE SUMP INLET BOTTOM SECTION MAY BE RECTANGULAR.

DEPTCH TABLE

DIMENSIONS:

TRANSITION 1 - TRANSITION 1

** DIAMETER OF LOWER PORTION SHALL MEET MINIMUM DIAMETER TO AS LISTED ABOVE.
** DIAMETER IS BASED ON PRECAST PIECE SIZE AND IS MODIFIED TO ACCOMMODATE THE USE OF THE UP PORTION AS SHOWN AND DIMENSIONS ON THIS DETAIL.

** ADJUSTMENTS FOR BRICK ADJUSMENT CONSTRUCTION, JOINTS SHALL ALWAYS BE COMPLETELY FILLED WITH MORTAR. VERTICAL MORTAR JOINTS SHALL NOT BE MORE THAN 3/8" THICK AND HORIZONTAL MORTAR JOINTS NOT LESS THAN 3/8" THICK AT THE NOSE RISE. INSIDE JOINTS SHALL BE TRUE STRIUT-FLUSH JOINTS TO PROVIDE A SMOOTH, CLEAN SURFACE. OUTSIDE WALLS SHALL BE ENTIRELY COVERED WITH MORTAR FOR A SMOOTH, CLEAN SURFACE.