DETAIL 1 - NOTES:
1. PROVIDE RAIN-HEX OR APPROVED EQUAL BETWEEN PRECAST SEGMENTS OF THE MANHOLE.
2. FOR MANHOLES DEEPER THAN 20 FEET, SAFETY CUMBERING RAIL MUST BE PROVIDED (FREE-OF-CLimb OR APPROVED EQual).
3. FOR PAVEMENT REPAIR, SEE CON STANDARD DETAILS S30-02-01 & S30-02-02.
4. PROVIDE AN APPROVED PETROLEUM BASED TARP ENCLOSING ALL BOLTS IN ACCESS MANHOLE.

ACCESS MANHOLE IN ACCESS MANHOLE
(FOR WATER LINES 36-inch TO 96-inch DIAMETER)

MANHOLE STEP DETAIL

MANHOLE CONCRETE COLLAR DETAIL

SERVICE MANHOLE REINFORCEMENT DETAIL

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

STANDARD LDWL
ACCESS MANHOLE DETAILS

NOT TO SCALE

APPROVED BY:

ACTING CITY ENGINEER

DIRECTOR OF
HOUSTON PUBLIC WORKS

EFF DATE: MAR-20-2018

DMS NO: 02082-10