NOTES:
1. DEPTH OF MANHOLE DETERMINES SECTIONS REQUIRED.
2. PRECAST CONCRETE RINGS SHALL BE PROVIDED FOR A COMBINED ADJUSTMENT HEIGHT OF AT LEAST 12", THE TOTAL HEIGHT OF THE ADJUSTMENT RINGS SHALL NOT EXCEED 11'-6".
3. MANHOLE WALL THICKNESS FOR DEPTH EXCEEDING 12'-0" SHALL BE DETERMINED TO MEET LOADING CONDITIONS. MIN THICKNESS 5".
4. MANHOLE DROP AND INTERSECTING PIPE'S SHALL BE INSTALLED ONLY WHEN CALLED FOR IN PLAN AND PROFILE DRAWING.
5. SEAT MANHOLE FRAME IN SEALANT PER COW STANDARD SPECIFICATION.
6. ECCENTRIC PRECAST CONCRETE MANHOLE MAY BE USED.
7. OMIT CEMENT MORTAR WHEN MANHOLE IS LOCATED IN PAVED AREAS.
8. MIN REINFORCING IN THE PRECAST CONCRETE BASE SHALL BE # 5 @ 6 EW.

FOUNDATION PLAN

32" DIA STANDARD MANHOLE FRAME AND COVER SEE COW STANDARD DETAIL
CEMENT MORTAR (NOTE 7)

IDENTICAL SECTION

PRECAST CONCRETE BASE SECTION
PRECAST OR PREMIX CONCRETE INVERT
RESILIENT CONNECTOR (TYP)

FOUNDATION MATERIAL AS PER COW STANDARD SPECIFICATION

SECTION A

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
SANITARY SEWER
4'-0" DIAMETER PRECAST CONCRETE MANHOLE
(NOT TO SCALE)

APPROVED BY
DIRECTOR OF PUBLIC WORKS AND ENGINEERING

EFF DATE: JULY-01-2010
Dwg No: 02082-02