GENERAL NOTES

1. PROVIDE A MORTAR BED TO SET THE FIRST MANHOLE SECTION. Rough finish the top of the slab in this area to ensure a good bond.
3. MANHOLE STEPS TO BEGIN 1/2" ABOVE THE BENCH AND ONE ADDITIONAL STEP SHALL BE PLACED ON THE SIDE OPPOSITE THE LADDER NEAR THE TOP.
4. THE FOUNDATION MATERIAL BELOW THE JUNCTION BOX SHALL BE ADEQUATE TO SUPPORT 2000 PSF OR SHALL BE UNDERCUT TO SUITABLE MATERIAL.
5. ALL CONCRETE TO BE CLASS "A" CONCRETE (f = 4000 PSI ; 28 DAYS).
6. DESIGN LOAD: AASHO H-20-44 WITH G = 5" OF COVER.

TOP SLAB REINFORCEMENT PLAN

BROKEN SECTION A-A

1. PROVIDE ACCESS SHAFT
2. MANHOLE STEPS
3. DEVELOP INVERT FOR SMOOTH FLOW TRANSITION (TO 2/3 DIA. OF PIPE)
4. MANHOLE STEPS LOCATION
5. 2'-0" MIN - 4" MAX DIA. ACCESS OPENING.
6. 2 ADDITIONAL #7 BARS IN BOTTOM OF TOP SLAB
7. IF BRICK WALL IF H < 6'-0"
   1.5' BRICK WALL IF H > 6'-0"

MANCORE OR BRICK MANHOLE RISER TO BE PER CITY'S DESIGN STD.

SEE NOTE #1

SEE NOTE #2

ORDER OF STANDARD DIM. = @ 0 FT. DIA. 6 3/8

CITY OF MEMPHIS
DIVISION OF ENGINEERING

DESIGN STANDARD
FOR
BRICK
JUNCTION BOX

CHEF STRUCTURAL ENGINEER DATE

CITY ENGINEER

CIV. ENG. NO. 48