



GRANULAR MATERIAL	
SIEVE	% PASSING
1 1/2"	100%
3/4"	0 TO 5%

GRANULAR MATERIAL ALL MANHOLES IF INVERT IS WITHIN 8" OF GROUNDWATER

SECTION A-A
NOT TO SCALE

PLAN
NOT TO SCALE

NOTES:

1. ALL SECTIONS TO BE SET IN 1:3 MORTAR TRIMMED SMOOTH INSIDE.
2. CONCRETE FOR MANHOLE SECTIONS SHALL BE 3000 P.S.I. MINIMUM.
3. PROVIDE FLEXIBLE JOINT IN ALL SEWER PIPE OUTSIDE OF MANHOLE BUT WITHIN 12" OF CONCRETE BASE.
4. MANHOLE STEPS SHALL BE ALHAMBRA FOUNDRY A3320 OR EQUAL. INSTALL AT 12" MINIMUM TO 16" MAXIMUM EQUAL SPACINGS.
5. FOR ALL PIPE SIZES THE TOP HALF OF THE PIPE SHALL BE REMOVED TO THE CONTOUR OF THE INSIDE OF THE MANHOLE AND THE BROKEN EDGES SHALL BE TROWELED SMOOTH WITH CEMENT MORTAR PROVIDING A MONOLITHIC BASE.
6. 60" SHAFT DIA. AND 30" DIA. CLEAR OPENING SHALL BE USED FOR MANHOLES WITH A) 18" DIA. OR LARGER, OR B) WHERE 2 OR MORE INLETS EXIST.
7. IN AREAS WHERE MANHOLE IS IN A DIRT EASEMENT, A MINIMUM 12" WIDE BY 12" DEEP PAD OR PRE-CAST FRAME AND LID WILL BE REQUIRED AROUND MANHOLE LID AND FRAME.

APPROVED BY CITY ENGINEER		CITY OF VICTORVILLE - ENGINEERING DEPARTMENT	
DATE		SANITARY SEWER MANHOLE	
INITIALS		SS-01	
12/1/08	J. Ulls	JOHN A. MCGLADE, CITY ENGINEER	SHEET 1 OF 1