



NOTES:

1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 18", MANHOLE DIAMETER FOR SEWERS GREATER THAN 18" SHALL BE AS APPROVED BY CITY.
2. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. SEE MANHOLE CONNECTION DETAILS.
3. APPROVED CONCENTRIC CONE DESIGN MAY BE USED AS AN ALTERNATIVE.
4. MANHOLE LIFT HOLES AND GRADE ADJUSTMENT RINGS SHALL BE SEALED W/ NON-SHRINK MORTAR.

THE INTRAFLOW INTERNAL DROP SYSTEM SHALL BE A ROTATIONAL MOLDED; SECTIONAL ENCLOSURE MADE OF POLYETHYLENE (PE). THE INSIDE DROP ASSEMBLY SHALL CONTAIN, AND DIRECT SEWAGE FLOW FROM THE UPPER PORTION OF THE MANHOLE TO THE INVERT CHANNEL. THE SECTIONS SHALL BE OF LOW PROFILE DESIGN WITH MOLDED FASTENING LUGS CONFORMING TO THE INSIDE MANHOLE WALL. THE INTERMEDIATE SECTIONS SHALL BE SUPPLIED IN THREE AND FOUR FOOT SECTIONS. THE TOP SECTION SHALL HAVE A 9" ADJUSTMENT JOINT AT THE BOTTOM AND REMOVABLE INSPECTION HOOD AT THE TOP. THE INSIDE OF THE TOP SECTION SHALL HAVE AN OPENING FOR 4" THROUGH 12" PIPE ENTRY. THE OUTSIDE OF THE TOP SECTION SHALL HAVE A NOMINAL 13" INSPECTION / CLEANOUT OPENING. THE BOTTOM SECTION SHALL BE ELONGATED AT THE TOP WITH A TRANSITION TO A 10" ROUND PIPE AT THE BOTTOM. A 90° 10" PVC SWEEP SHALL ATTACH TO THE BOTTOM TRANSITION SECTION. SECTIONS SHALL BE SECURED TO THE MANHOLE WALL THROUGH THE FASTENING LUGS USING TYPE 302 OR 304 STAINLESS STEEL ANCHOR BOLT ASSEMBLIES.

<p>CITY OF P.C.B. UTILITIES DEPARTMENT</p>		<p>DROP MANHOLE DETAIL</p>	<p>S-16A</p>
REV. BY	DATE	<p>..... DATE OF APPROVAL</p>	