

CUT NEAT HOLE, AND  
CONNECT PER  
STD. PLAN SS-9

(TYP.) MANHOLE WALL

90 DEGREE ELBOW

PRESSURE MAIN

VERTICAL DROP

SECURE ASSEMBLY TO  
MANHOLE WALL AND  
BENCH (FOR EXISTING  
MANHOLE) WITH MIN.  
1-1/2", 16 GA SSSL  
STRAPS AT EACH JOINT  
SECTION, USING 1/4" x 4"  
SSSL EXPANSION ANCHORS.

90 DEGREE ELBOWS

IN NEW MANHOLE,  
SECURE ASSEMBLY TO  
BENCH WITH MIN.  
1-1/2", 16 GA SSSL  
STRAPS AT EACH JOINT  
SECTION, USING 1/4" x  
4" SSSL EXPANSION  
ANCHORS OR BY  
INSTALLING STRAPS  
INTO CONCRETE WHEN  
FORMING BENCH.

EXTEND ASSEMBLY DISCHARGE PIPE TO OUTLET OF MANHOLE. INSTALL  
SO THAT THE SPRINGLINE OF THE PRESSURE MAIN OUTLET IS NO LOWER  
THAN THE SPRINGLINE OF THE MANHOLE OUTLET.

NOTE: PRESSURE MAIN CONNECTION ASSEMBLY MAY BE USED ONLY  
WHEN SPECIFICALLY APPROVED BY THE CITY ENGINEER.  
MAXIMUM OF ONE ASSEMBLY PER 48" MANHOLE.

ALL PIPES AND JOINTS SHALL BE CONSTRUCTED OF MATERIALS  
APPROVED FOR FORCE MAIN CONSTRUCTION. ALL JOINTS, PIPES  
AND ANCHORS SHALL BE DESIGNED TO HANDLE THE PRESSURES  
AND FORCES GENERATED BY THE FORCE MAIN FLOW.

## PRESSURE MAIN CONNECTION DETAILS

PLAN #

CITY OF LA CENTER APPROVED

REVISIONS:	DATE:	DRAWN:	DESIGNED:



*Bart Stapp, PE 7/23/09*

SS-16

CITY ENGINEER

DATE