



SECTION B-B

NOTES:

1. MANHOLE FRAME SHALL BE SET IN CLASS "C" MORTAR.
2. ALL PRECAST COMPONENTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C-478.
3. VERTICAL WALL OF CONE SHALL BE ON THE UPSTREAM SIDE OF THE MANHOLE.
4. CONCRETE BASE SHALL BE 560-C-4000.
5. MH ADAPTORS SHALL BE PROVIDED FOR ALL MH CONNECTIONS.
6. PRECAST SECTIONS SHALL BE USED WITHIN DIMENSION "A" AS REQUIRED, IN ORDER OF PREFERENCE LISTED:
 - A. CONE (NOTCHED FOR PIPE IF DIMENSION "A" IS LESS THAN 3').
 - B. 6" TO 18" OF 3' DIAMETER GRADE RINGS / AND / OR RISERS.
 - C. 5' DIAMETER SHAFT VARIABLE HEIGHT.
7. ALL PATCHING WITHIN MANHOLE BASE SHALL BE EPOXY MORTAR.
8. PRIOR APPROVAL OF PRECAST BASE IS REQUIRED BY THE DISTRICT ENGINEER.
9. MAXIMUM ALLOWABLE CHANGE OF DIRECTION AT MH = 45°.
10. PROVIDE SPECIFIC DETAIL FOR REVIEW AND APPROVAL BY DISTRICT ENGINEER FOR MH'S WITH MORE THAN ONE INLET OR OUTLET, 18" OR LARGER.
11. EXTERIOR WALLS TO BE WATERPROOFED.

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LEGEND ON PLAN

APPROVED:	
<i>Wally A. Hill</i>	3/2/2020
District Engineer	Date
3/2/2020	
Latest Revision Date	

 <p>VALLEY CENTER MUNICIPAL WATER DISTRICT STANDARD DRAWING</p>
<p>STANDARD PRECAST CONCRETE MANHOLE (5' DIA.)</p>

NOT TO SCALE
DWG. NUMBER
S-5