



DIMENSIONS (in)					
Pipe Dia.	36	42	48	54 and greater	
В	20	14	8	Equals pipe wall thickness	
Е	32	38	44	48	

INSTALLATION NOTES:

- 1 Precast pipe, adjusting rings, and tapered sections shall be constructed as per ASTM C-478 using Type II cement.
- (2) For RCP, cut and bend rebar into cast-in-place concrete.
- (3) Steps shall be included if manhole depth exceeds 4'. Steps shall be steel-reinforced polypropylene M-A Industries PS2-PFS or equal.
- (4) In manholes with lateral connections the steps shall be placed in the wall with no laterals or the wall with the least diameter lateral such that a continuous vertical alignment of steps may be achieved.
- (5) Collar shall be constructed per University Engineering Standard 6040.
- 6 Provide PCC fillets as needed to support manhole shaft, 4 each.
- (7) #4 bar @ 12" O.C. each way, 3" clear, typical.
- (8) Construct Class 3 PCC base to dimensions shown above. It shall rest on undisturbed material and bottom shaft shall be wet-set or set in formed groove.

GENERAL NOTES:

- A. All joints between precast sections shall be mortared.
- B. Manhole interiors shall have a smooth trowelled surface.

SCALE: N.T.S.

 STANDARD CURRENT AS OF:
 01/21/2020

 APPROVED BY:
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 NOTES:
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STORM DRAIN MANHOLE

36" PIPE & LARGER