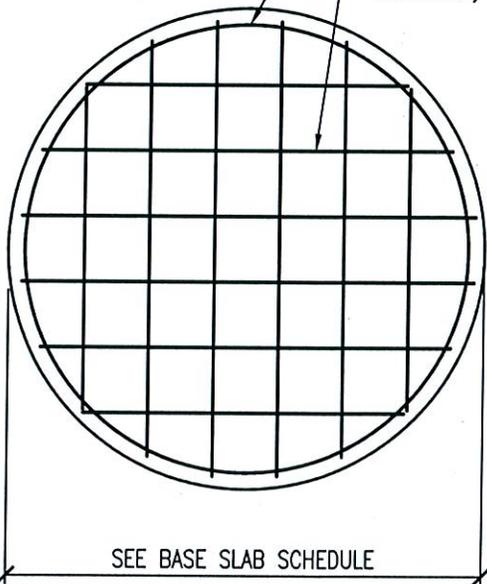


### BASE SLAB DETAIL

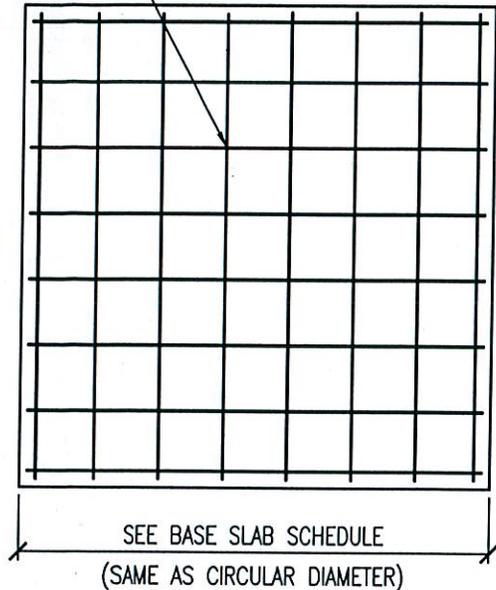
(PVC WATERSTOP NOT SHOWN FOR 12" THK. BASE SLAB; SEE DETAIL 2 ON SS.6.0 SHT. 3 OF 3)

#4 CIRCULAR PERIMETER EDGE REBAR (FOR TOP AND BOT. MAT REBARS)  
 FOR TOP AND BOT. MAT REBARS (SEE BASE SLAB SCHEDULE)



### CIRCULAR BASE SLAB

FOR TOP AND BOT. MAT REBARS (SEE BASE SLAB SCHEDULE)



### SQUARE BASE SLAB

(OPTIONAL)

### NOTES: (SEE STANDARD DETAIL SS 6.0 SHEET 1 OF 3)

- OVERALL DEPTH IS MEASURED FROM FINISH GRADE (FG.) TO TOP OF BASE SLAB (TOB.)
- WATER TABLE ELEVATION ASSUMED AT MINIMUM 1'-0" BELOW THE BOTTOM OF CONCRETE CONE/CORBEL 3'-0" HEIGHT MAXIMUM
- MANHOLE WITH METAL COVER DESIGNED FOR A TRUCK WHEEL LOAD OF 16000 LBS.
- CONTRACTOR SHALL SUBMIT SIGNED AND SEALED CALCULATIONS AND DETAILS FOR ANY MANHOLE SIZE/DEPTH THAT DOES NOT CONFORM TO ABOVE DESIGN CRITERIA AND CONDITIONS
- ALLOWABLE SOIL BEARING CAPACITY ASSUMED AT 2000 PSF MINIMUM. IF SOIL FOUNDATION APPEARS TO CONTAIN ORGANIC OR SILTY MATERIALS, CONTRACTOR SHALL SUBMIT SIGNED AND SEALED GEOTECHNICAL REPORT WITH SOIL BORINGS, INCLUDING RECOMMENDATION FOR SAFE SOIL BEARING CAPACITY TO VERIFY ADEQUACY OF BASE SLAB SIZE/DIAMETER AND/OR REINFORCING

### MANHOLE BASE SLAB SCHEDULE

BASE SLAB DIA.	THKNESS	(*) MANHOLE OVERALL DEPTH	STEEL REINFORCEMENT
6'-4"	8" MIN./12" MAX.	4'-0" MIN. 14'-6" MAX.	#4 @ 12" OC. TOP EW.
7'-4"	12"	14'-6" TO 17'-0" MAX.	#4 @ 12" OC. T. & B. EW.
8'-4"	12"	17'-0" TO 18'-0" MAX.	#4 @ 12" OC. T. & B.. EW.

SHALLOW MANHOLE	SS 7.0	
FLOW PATTERNS	SS 6.1	
MANHOLE COVER	SS 4.0	
ITEM	CROSS REF.	SPEC. REF.



ISSUE DATE	APPROVED BY
9-30-2014	J.B.F.

STANDARD DETAIL  
 STANDARD MANHOLE

SS  
 6.0  
 SHEET 2 OF 3