



REINFORCEMENT CHART

BASE DR	54" & 60"		72"		84"		96"	
DEPTH*	0'-15'	15'-30'	0'-15'	15'-30'	0'-15'	15'-30'	0'-15'	15'-30'
Ts	7.0"	9.0"	7.0"	9.0"	8.0"	10.0"	9.0"	11.0"
E BARS	#4 @ 12"	#4 @ 9"	#4 @ 9"	#4 @ 6"	#4 @ 8"	#5 @ 9"	#4 @ 7"	#5 @ 8"
F BARS	#4 @ 12"	#4 @ 9"	#4 @ 9"	#4 @ 6"	#4 @ 8"	#5 @ 9"	#4 @ 7"	#5 @ 8"

*INVERT TO STREET GRADE

NOTES:

1. CONCRETE SHALL BE COMMERCIAL GRADE CONCRETE.
2. REINFORCING STEEL SHALL BE GRADE 40.
3. ALL REBAR SPACING TO BE CENTER TO CENTER.
4. FOR DETAILS NOT SHOWN SEE STD DWG 00400-19.



CITY of LEBANON SUPPLEMENTAL DRAWING

APPROVED

CITY ENGINEER

Doreen J. H. H. H.

**LARGE CONCRETE
MANHOLE BASE
CAST-IN-PLACE**

DATE:
Jan. 2009

DRAWING NO:
00400-21