



SECTION A-A

NOTES:

- 610 mm Ø TRUE FORMING TUBE, TOP RING FORM AND ANCHOR BOLT TEMPLATE SHALL BE USED.
- THREADED PORTION OF ANCHOR BOLTS SHALL BE PROTECTED FROM FOULING PRIOR TO CONCRETE POUR.
- ANCHOR BOLTS SHALL BE 32 mm X 2480 mm LONG GRADE 55 (380 MPa) AS PER ASTM F1554 THREADED UNC CLASS 2A 300 mm BOTH ENDS. ANCHOR BOLT ASSEMBLY SHALL BE SUPPLIED C/W 3-32 mm HEX NUTS AND 2 FLAT ROUND WASHERS. ONE NUT SHALL BE THREADED ONTO THE EMBEDDED END OF EACH ANCHOR BOLT. ALL MATERIAL INCLUDING NUTS AND WASHERS TO BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM F2329.
- ALL CONDUITS SHALL BE BUNDLED INTO A GROUP IN CENTRE OF BASE, AND TIED TOGETHER AT THE TOP OF THE BASE PRIOR TO CONCRETE POUR. INSTALL PLASTIC PLUGS PRIOR TO CONCRETE POUR.
- TERMINATE CONDUITS A MINIMUM OF 150 mm ABOVE BASE.
- INSTALL GROUND ROD IN UNDISTURBED SOIL.
- FOLLOWING 24 HOUR MINIMUM CONCRETE CURING TIME, STRIP THE TOP PORTION OF THE TUBULAR FORM A MINIMUM 150mm BELOW FINISHED PAVED SURFACE OR BOULEVARD GRADE.
- MINIMUM CONCRETE COVER ON ALL REINFORCING STEEL SHALL BE 40mm.
- BACKFILL SHALL CONFORM TO REQUIREMENTS OF SD-342.
- CONCRETE AND REINFORCING SHALL CONFORM TO REQUIREMENTS OF CW 2160 (LATEST EDITION) FOR TYPE A STRUCTURES (MONOLITHIC SEWERS AND REINFORCED STRUCTURES).
- REFER TO INTERSECTION LAYOUT DRAWINGS AND SD-318 FOR ALIGNMENT OF ANCHOR BOLTS.
- REINFORCING BARS AND TIES SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A767 (LATEST EDITION) CLASS II (MIN. 610 g/m²).



Certificate of Authorization

Dillon Consulting Limited (MB)

No. 1789 Date: JAN. 14, 2013

DIMENSIONS ARE IN MILLIMETRES (UNLESS OTHERWISE NOTED)



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3620-R5

Revisions

No.	Date	Description	By
2	3/5/13	REVISED BY DILLON CONSULTING	CDW
1	1/14/13	DESIGNED BY DILLON CONSULTING	CDW

SIGNAL POLE BASE – TYPE J
(CAST IN PLACE FOLD DOWN)

Designed By: CDW	Drawn By: JLD	Scale : N.T.S.
Checked By: SSR	Date: 1/14/13	Drawing No.
Approved:		SD-314