



NOTES:

1. SET UP TRAFFIC CONTROL TO CLOSE THE NORTHBOUND CURB LANE AND REDIRECT PEDESTRIAN TRAFFIC.
2. INSTALL SILT FENCE DOWNSTREAM AS SHOWN ON DRAWING NO. C312-08-02
3. SAWCUT THE ROADWAY AND SIDEWALK/CURB TO THE LIMITS SHOWN ON SHEET 3 AND REMOVE ALL ASPHALT AND CONCRETE. GRANULAR MATERIALS BETWEEN THE ROADWAY/SIDEWALK AND CULVERT ROOF SHALL BE REMOVED AND STOCKPILED ON SITE. CONTRACT ADMINISTRATOR WILL DETERMINE IF EXCAVATED MATERIAL IS SUITABLE FOR BACKFILL OR IF DISPOSAL IS REQUIRED.
4. EXISTING ABANDONED FEEDERMAIN UNDER THE SIDEWALK SHALL BE REMOVED AND DISPOSED OF.
5. FULL DEPTH SAWCUT THE CULVERT ROOF, REMOVE THE DETERIORATED CONCRETE AND RECONSTRUCT THE CULVERT ROOF AND HEADWALL AS SHOWN ON DRAWING NO. C312-08-04 AND 05.
6. HOLES FOR DOWELS SHALL BE DRILLED 2 MM LARGER THAN THE DIAMETER OF THE REINFORCING. EPOXY GROUT SHALL BE USED FOR DOWEL EMBEDMENT AS PER THE CITY OF WINNIPEG SPECIFICATIONS.
7. AFTER REMOVAL OF CONCRETE, DRILLING OF HOLES AND ROUGHENING OF THE CONCRETE SURFACES, THE CONCRETE BONDING SURFACES SHALL BE CLEANED BY GRIT BLASTING.
8. CONCRETE TO BE SUPPLIED AND PLACED IN ACCORDANCE WITH THE SPECIFICATION. ALLOW CONCRETE TO CURE FOR 7 DAYS BEFORE FORM REMOVAL.
9. PLACE AND COMPACT GRANULAR BASE COURSE UNDER THE ROADWAY AND SIDEWALK IN ACCORDANCE WITH THE SPECIFICATIONS.
10. RE-INSTALL THE TRAFFIC BARRIER POSTS AND INSTALL THE FENCE POST INSERTS AT THE LOCATIONS SHOWN ON DRAWING NO. C312-08-06 BEFORE CONSTRUCTING THE NEW CURBS AND SIDEWALK.
11. CONSTRUCT THE NEW CONCRETE CURBS, CONCRETE SIDEWALK AND ASPHALT ROADWAY TO THE LIMITS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH THE SPECIFICATIONS.

B.M. ELEV.	DESIGNED BY JSB	DRILLON CONSULTING	ENGINEER'S SEAL
	DRAWN BY NBG		
	CHECKED BY JSB		
	APPROVED BY		
3 ADDENDUM 1 06/09/08 JSB	HR. SCALE AS NOTED	RELEASED FOR CONSTRUCTION	CONSULTANT PROJECT NO. 089072
2 ISSUED FOR TENDER 26/06/08 JSB	VERTICAL AS NOTED	ORIGINAL SIGNED BY B.A. NEIRINCK	
1 ISSUED FOR CITY REVIEW 20/06/08 JSB	DATE AUGUST 2008	DATE AUG. 28, 2008	

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

2008 BRIDGE MAINTENANCE
ARCHIBALD STREET BOX CULVERT AT DUGALD DRAIN

CITY DRAWING NUMBER C312-08-04
SHEET 4 OF 7

CONCRETE BOX CULVERT REPAIR
DETAILS 1 OF 2

BID OPPORTUNITY 674-2008

4-DILLON ACAD FILE: G:\CAD\089072\Contract\Current\4_TO_6_DETAIL.dwg 6/18/2008