



INSTALL NEW HYDRANT ASSEMBLY AS PER SD 007
RED TOP VALVE
CLOCKWISE TO OPEN

CHAINAGE ALONG NORTH PROPERTY LINE OF MCLEOD AVENUE

SEE DRAWING D-8575

ADDRESS	SIZE (mm) (SHEET)	SIZE (mm) (PROP)	DEPTH & LONG (M)	COOP LOCATION	REMARKS
401 MCLEOD AV	19 COPPER	19 COPPER	7.0 EMBL	1.2 W. HND	
402 MCLEOD AV	19 COPPER	19 COPPER	6.5 EMBL	8.8 E. HND	
403 MCLEOD AV	19 COPPER	19 COPPER	3.4 EMBL	2.7 WEBL	
404 MCLEOD AV	19 COPPER	19 COPPER	3.9 EMBL	1.2 WEBL	
405 MCLEOD AV	19 COPPER	19 COPPER	2.0 WEBL	42.8 E. HND	
406 MCLEOD AV	19 COPPER	19 COPPER	4.0 EMBL	0.9 EMBL	REVERSE TAPPED
407 MCLEOD AV	19 COPPER	19 COPPER	2.0 EMBL	22.2 E. HND	
408 MCLEOD AV	19 COPPER	19 COPPER	3.6 WEBL	72.2 E. HND	
409 MCLEOD AV	19 COPPER	19 COPPER	1.4 WEBL	29.0 E. HND	
420 MCLEOD AV	19 COPPER	19 COPPER	3.5 WEBL	19.7 W. HND	
421 MCLEOD AV	19 COPPER	19 COPPER	4.0 EMBL	5.5 W. SC	
422 MCLEOD AV	19 COPPER	19 COPPER	4.9 WEBL	5.8 EMBL	
423 MCLEOD AV	19 COPPER	19 COPPER	3.5 WEBL	4.6 W. HND	
424 MCLEOD AV	19 COPPER	19 COPPER	3.5 WEBL	4.6 W. HND	

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES

DESIGNED BY: DPCJ
DRAWN BY: DPCJ
HORIZ. SCALE: 1:250
VERT. SCALE: 1:50
DATE: MAY 2004

200 TACHE AVENUE
ENGINEERING
(204) 253-2113

REGISTERED PROFESSIONAL ENGINEER
I. G. MCKINNON
089-018-08

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2004 CAPITAL WORKS
WATERMAIN RENEWALS
MCLEOD AVENUE
ROCH STREET TO 100 METRES EAST OF ROCH STREET

CITY DRAWING NO.
SHEET 1 OF 2
D-8574

- NOTES:
1. ALL GATE VALVES ARE TO BE CLOCKWISE TO OPEN WITH A RED OPERATING NUT.
 2. WATERMAIN TO BE INSTALLED BY TRENCHLESS METHODS.
 3. BACKFILL IS CLASS 3 WITH BOULEVARD AND CLASS 3 OF TRENCH FOR SIDEWALK OR WHEN WITHIN 1.0m OF TRENCH FOR SIDEWALK.
 4. WATER SERVICES ARE 19mm UNLESS OTHERWISE NOTED.
 5. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m.
 6. LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
 7. DEPTH PRIOR TO CONSTRUCTION.
 8. ALL LEAD SERVICES TO BE RENEWED.
 9. SERVICES TO BE RENEWED SHALL BE REPLACED FROM WATERMAIN TO PROPERTY LINE. ALL OTHERS TO BE RECONNECTED.

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
WATERMAIN	---	---	WATERMAIN	---	---	WATERMAIN	---	---
HYDRANT	○	○	HYDRANT	○	○	HYDRANT	○	○
VALVE	●	●	VALVE	●	●	VALVE	●	●
LAND DRAINAGE SEWER	---	---	LAND DRAINAGE SEWER	---	---	LAND DRAINAGE SEWER	---	---
WASTE WATER SEWER	---	---	WASTE WATER SEWER	---	---	WASTE WATER SEWER	---	---
MANHOLE	○	○	MANHOLE	○	○	MANHOLE	○	○
CATCH BASIN	○	○	CATCH BASIN	○	○	CATCH BASIN	○	○
CURB INLET	△	△	CURB INLET	△	△	CURB INLET	△	△
TRAFFIC SIGNAL	□	□	TRAFFIC SIGNAL	□	□	TRAFFIC SIGNAL	□	□
STRAFF HT.	---	---	STRAFF HT.	---	---	STRAFF HT.	---	---
GAS	---	---	GAS	---	---	GAS	---	---
EXISTING	---	---	EXISTING	---	---	EXISTING	---	---
LEGEND - PLAN	---	---	LEGEND - PLAN	---	---	LEGEND - PROFILE	---	---