

**SITE ACCESS PLAN**

SCALE: 1:2500

**ABBREVIATIONS**

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
PL	PROPERTY LINE
CL	CENTER LINE
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
B.M.	BENCH MARK
TH	TEST HOLE
ELEV	ELEVATION
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
OPP	OPPOSITE
C/S OR S/C	CURB STOP
MTS	MANITOBA TELEPHONE SYSTEM
R.O.W.	RIGHT-OF-WAY
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
X-ING	CROSSING
HYD	HYDRANT
EXIST	EXISTING
N	NORTH
E	EAST
S	SOUTH
W	WEST
W/	WITH
C/W	CONSTRUCTED WITH
CONC	CONCRETE
AC	ASBESTOS CEMENT
VC OR CLAY	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE

**LEGEND**

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE	—	—
FIRE HYDRANT	⊕	⊕
VALVE	⊗	⊗
CURB STOP	⊙	⊙
REDUCER	⊘	⊘
COUPLING OR SLIDDER	X	X
CROSS	⊕	⊕
BEND - 11.25', 22.5', 45', 90'	⌒	⌒
TEE	⊕	⊕
VERTICAL BEND	H	H
ANODE	⊕	⊕
REPAIR MARKER	⊕	⊕
PLUG	⊕	⊕
SEWER PIPE	—	—
MANHOLE	⊕	⊕
CATCH BASIN	⊕	⊕
CURB INLET	⊕	⊕
JUNCTION	⊕	⊕
⊕ DITCH	—	—
CULVERT	—	—
SURVEY BAR	⊕	⊕
SURVEY MONUMENT	⊕	⊕
TREE - DECIDUOUS	⊕	⊕
TREE - CONIFEROUS	⊕	⊕
HYDRO	—	—
HYDRO POLE	⊕	⊕
LAMP STANDARD	⊕	⊕
HYDRO POLE W/STREET LIGHTING	⊕	⊕
POLE	⊕	⊕
GUY ANCHOR	⊕	⊕
M.T.S. POLE	⊕	⊕
PEDESTAL OR BOX	⊕	⊕
CABINET	⊕	⊕
M.T.S., SHAW, OR VIDEO	⊕	⊕
TRAFFIC SIGNALS	⊕	⊕
TRAFFIC LIGHT STANDARD	⊕	⊕
GAS	⊕	⊕
STEAM	⊕	⊕
FIBRE OPTIC	⊕	⊕
FENCE	⊕	⊕
EDGE OF PAVEMENT OR GUTTER	⊕	⊕
EDGE UNPAVED OR GRAVEL ROAD	⊕	⊕
⊕	⊕	⊕
PROJECTED ⊕	⊕	⊕
LOT LINE	⊕	⊕
SIDEWALK - PATHWAY	⊕	⊕
EASEMENT	⊕	⊕
EDGE OF BUILDING	⊕	⊕
MAILBOX	⊕	⊕
PARKING METER	⊕	⊕
TEST HOLE	⊕	⊕
TREE LINE OR BUSH	⊕	⊕

**CONSTRUCTION NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING SURFACE AND UNDERGROUND STRUCTURES THAT MAY AFFECT THE WORK AND MAY BE DAMAGED DURING CONSTRUCTION.
2. ALL EXISTING SURFACE AND UNDERGROUND STRUCTURES MAY NOT BE SHOWN ON THE DRAWINGS.
3. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE TO LOCATE AND CONFIRM THE ELEVATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. INSTALLATION METHOD IS INDICATED ON THE DRAWINGS.
5. TRENCHES AND EXCAVATIONS WITHIN 1 METER OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.8 M, OR AS INDICATED ON THE DRAWINGS - WHICH EVER PROVIDES GREATER DEPTH OF COVER.
7. CONTRACTOR TO MAINTAIN AND REPAIR ACCESS TRAIL THROUGHOUT CONSTRUCTION AND RESTORE TRAIL AND ACCESS TO PRE-CONSTRUCTION CONDITIONS AT COMPLETION OF THE PROJECT.
8. CONTRACTOR TO PROTECT CULVERTS CROSSING ACCESS TRAIL AND ENSURE EXISTING DRAINAGE IS MAINTAINED AT ALL TIMES. DAMAGED OR BLOCKED CULVERTS SHALL BE REPAIRED IMMEDIATELY ON DISCOVERY.
9. CONTRACTOR TO PROVIDE TRAFFIC CONTROL AS REQUIRED WHEN ENTERING OR LEAVING CONSTRUCTION SITE TO AND FROM CHIEF PEGUIS TRAIL THROUGH ACCESS GATE. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS FOR APPROVAL.
10. CONTRACTOR TO MAINTAIN ACCESS FOR RESIDENTS ON SCOTIA STREET VIA JOHN BLACK AVENUE AT ALL TIMES DURING CONSTRUCTION.
11. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.
12. CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED TREE REMOVAL IN ACCORDANCE WITH CITY OF WINNIPEG STANDARDS.

**HATCH PATTERNS**

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
		CONCRETE
		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE

**PROFILE**

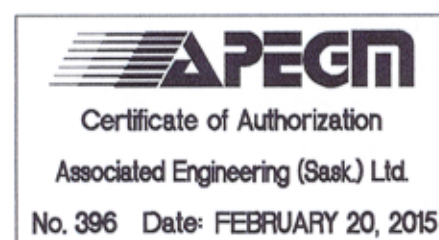
DESCRIPTION	EXISTING	PROPOSED
WATER PIPE	—	—
HYDRANT TOP	⊕	⊕
VALVE	⊗	⊗
TEE OR CROSS	⊕	⊕
COUPLING OR BEND	⊕	⊕
REDUCER	⊕	⊕
END OF PIPE	⊕	⊕
SEWER PIPE	—	—
UNPAVED GROUND SURFACE	⊕	⊕
PAVED GROUND SURFACE - ⊕ PIPE	⊕	⊕
GUTTER (NORTH AND WEST)	⊕	⊕
GUTTER (SOUTH AND EAST)	⊕	⊕
⊕ DITCH (NORTH AND WEST)	⊕	⊕
⊕ DITCH (SOUTH AND EAST)	⊕	⊕
STRUCTURE	⊕	⊕
MANHOLE OR CATCH BASIN	⊕	⊕

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS



**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

DESIGNED BY	CL	CHECKED BY	JL
DRAWN BY	KG	APPROVED BY	JL
SCALE:	HORIZONTAL AS SHOWN		
	VERTICAL AS SHOWN		
DATE	2015 02 20	RELEASED FOR CONSTRUCTION	
NO.	ISSUED FOR TENDER	DATE	15-FEB-20
	REVISIONS	DATE	BY

**Associated Engineering**

ENGINEER'S SEAL

PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER

J.S. LUEKE Member 36827 Feb 29, 2015

CONSULTANT DRAWING NUMBER: 20134376

DESIGNED BY: CL, CHECKED BY: JL, DRAWN BY: KG, APPROVED BY: JL, SCALE: HORIZONTAL AS SHOWN, VERTICAL AS SHOWN, DATE: 2015 02 20, RELEASED FOR CONSTRUCTION: [ ]

**THE CITY OF WINNIPEG**

WATER AND WASTE DEPARTMENT

ENGINEERING DIVISION

NORTH KILDONAN FEEDERMAIN REPLACEMENT

SHEET 1 OF 4

LEGEND AND SITE ACCESS

D-13759

Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

NORTH KILDONAN FEEDERMAIN REPLACEMENT

SHEET 1 OF 4

LEGEND AND SITE ACCESS

D-13759