

DRAWING INDEX

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2	D-13411	STURGEON ROAD - GENERAL PLAN
3	D-13412	STURGEON ROAD - TEST HOLE LOCATIONS, PROFILES AND ROCKFILL SHEAR KEY
4	D-13413	STURGEON ROAD - 34.8m>NNL OF PORTAGE AVENUE TO 141.1M>NNL OF PORTAGE AVENUE
5	D-13414	STURGEON ROAD - 141.1M>NNL OF PORTAGE AVENUE TO 110.1M>NNL OF HALLCHURCH DRIVE

ABBREVIATIONS

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
ℙ	PROPERTY LINE
℄	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
DOCP	DISPERSED, COMBINED OR ABANDONED

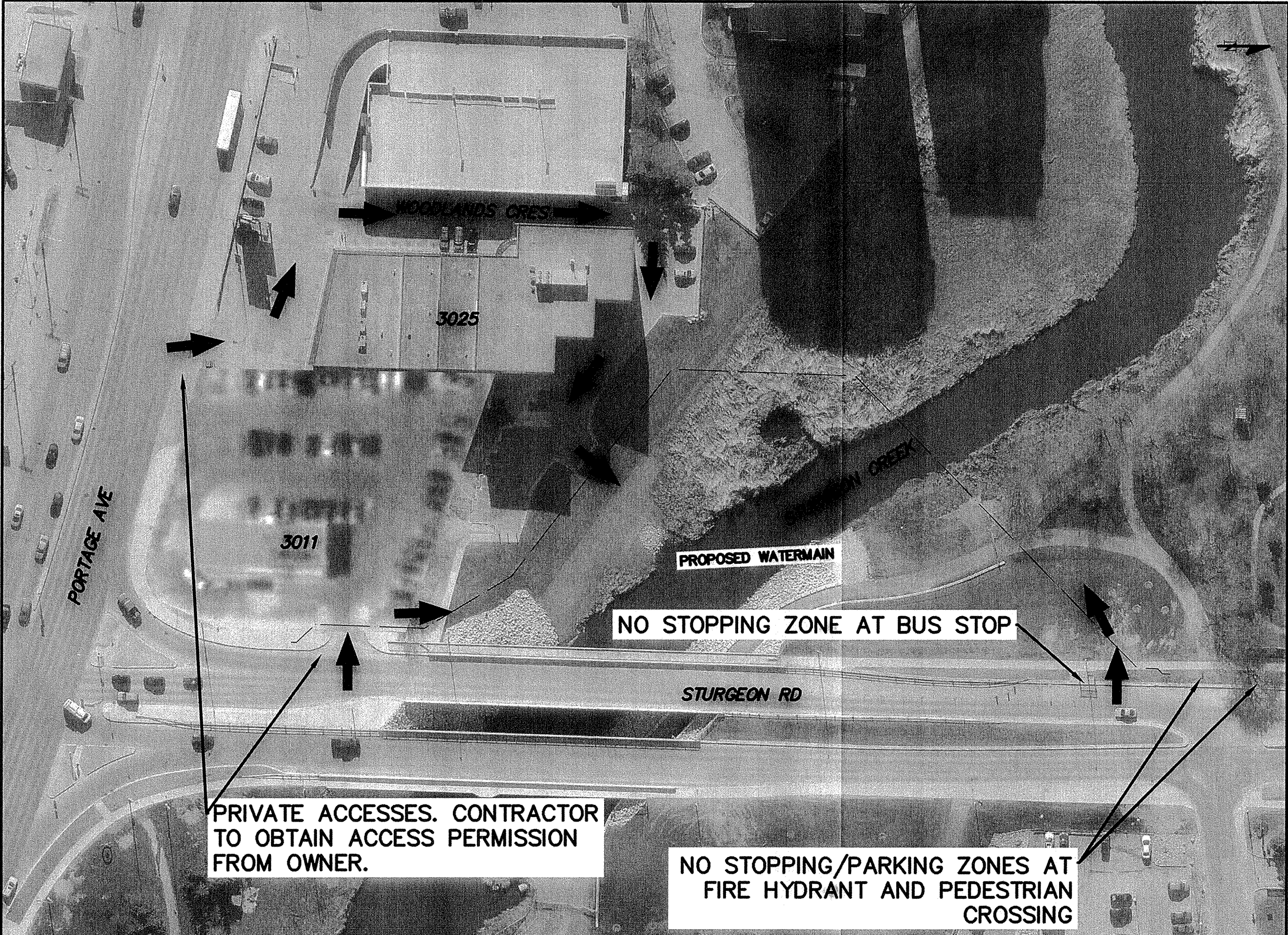
LEGEND

PLAN VIEW		
DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT		
VALVE		
CURB STOP		
REDUCER		
COUPLING OR SLIDDER		
CROSS		
BEND - 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
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 DIVIDER		

PLAN VIEW

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 - 6" PIPE		
GUTTER (NORTH AND WEST)		
GUTTER (SOUTH AND EAST)		
6" DITCH (NORTH AND WEST)		
6" DITCH (SOUTH AND EAST)		
STRUCTURE		
MANHOLE OR CATCH BASIN		



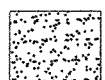

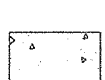

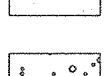

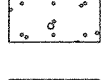







SITE ACCESS PLAN

SCALE 1"=50'

CONSTRUCTION NOTES

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

NOTE: ALL COL.

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE



LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES _____ 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

B.M. CWBM 39-044
ELEV. 233.848

CONSTRUCTION COMPLETION DATE: YYYY MM DD

3	BID OPPORTUNITY 781-2016	08/2016	R.
2	BID OPPORTUNITY 152-2016	02/2016	K.
1	DESIGN REVIEW BY W&W	02/2015	K.



DESIGNED	K C	CHECKED	C M
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DRAWN BY	K.G.	APPROVED BY	I.McI
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SCALE:	RELEASED FOR
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HORIZONTAL	1:250	CONSTRUCTION
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VERTICAL	1.00	
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PLDT DATE: 2016 08 30

CONSULTANT DRAWING NUMBER
151-00351-00-0

BID OPPORTUNITY 444 0045



Winnipeg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2015 WATER RENEWALS

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