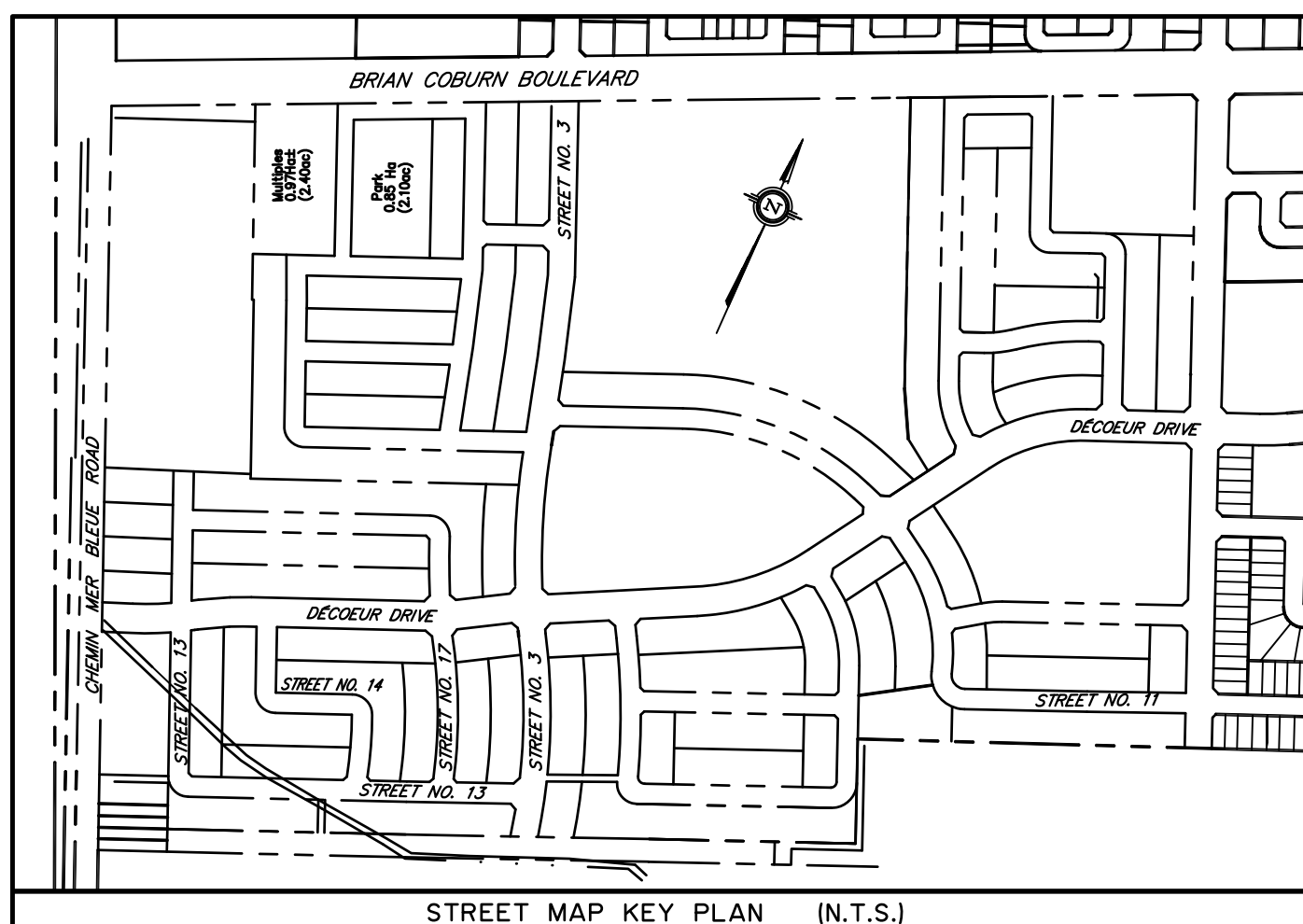
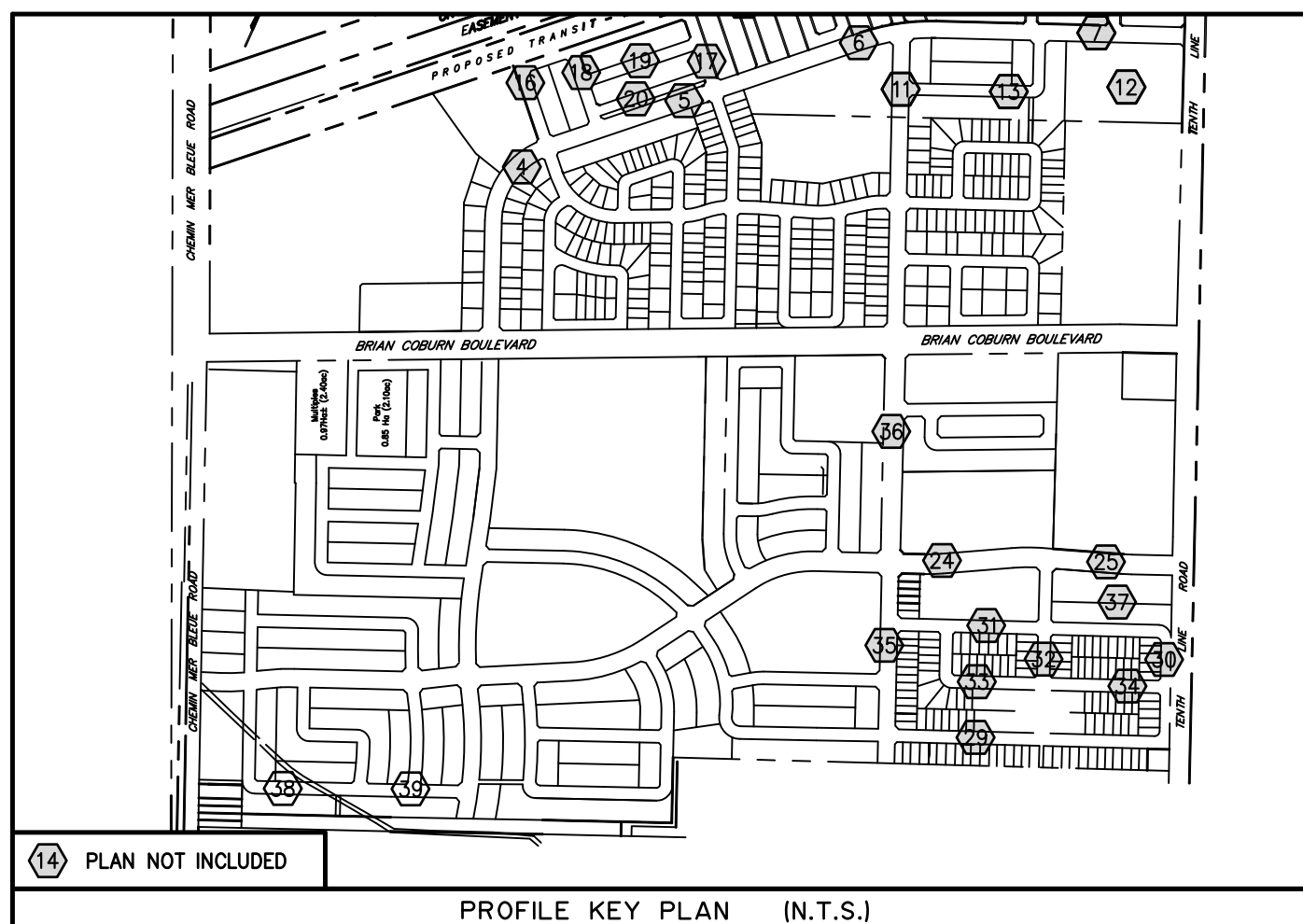
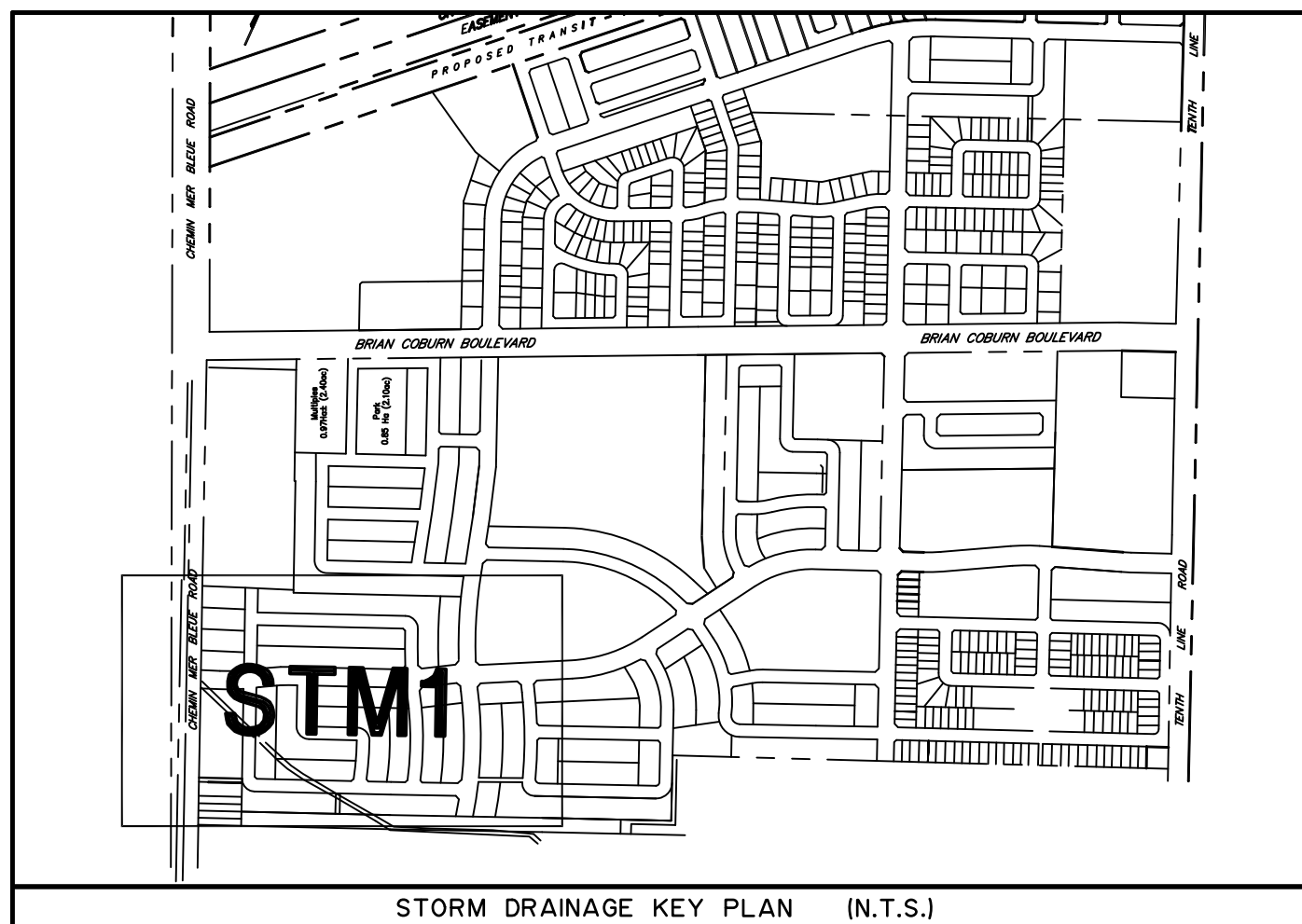
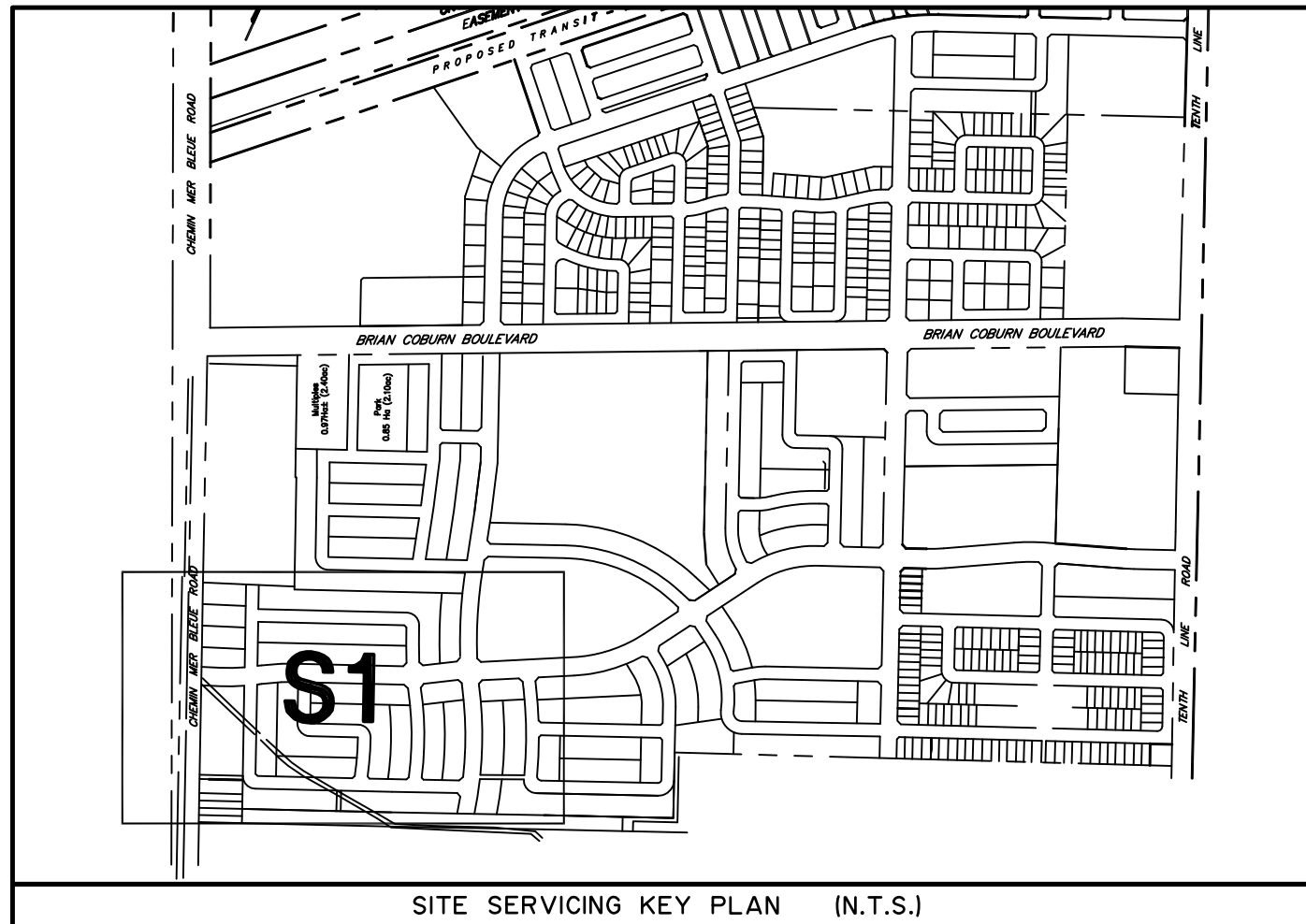




CITY OF
VILLE D' OTTAWA

SITE SERVICING PLAN

EAST URBAN COMMUNITY

AVALON WEST

MER BLEUE STORM SEWER OUTLET
CONTRACT NO. 070203

ISSUED FOR
CONSTRUCTION
FEBRUARY 6/2016

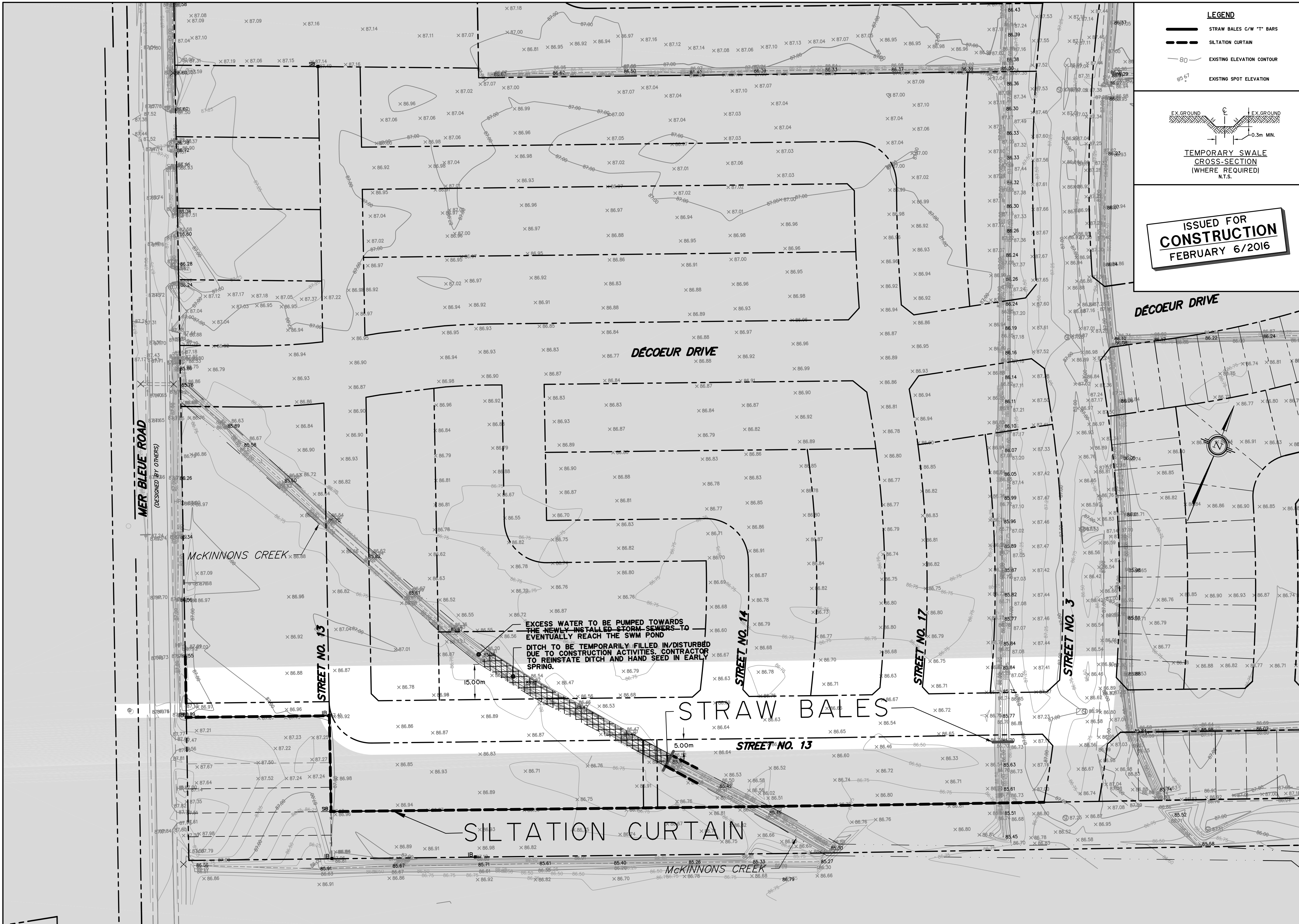


INDEX

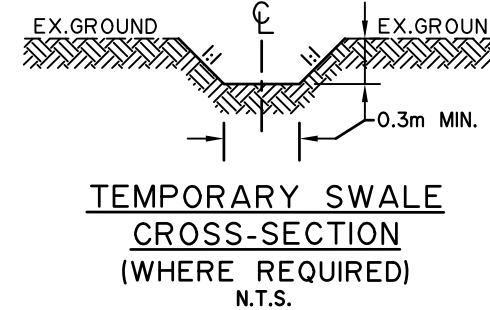
070203-ESCI EROSION AND SEDIMENT CONTROL PLAN
070203-SI GENERAL PLAN OF SERVICES

PLAN AND PROFILE

070203-P38	STREET NO. 13	STA. 30+050 TO STA. 30+350
070203-P39	STREET NO. 13	STA. 30+350 TO STA. 30+525
070203-STM1	STORM DRAINAGE AREA PLAN (NOT INCLUDED)	



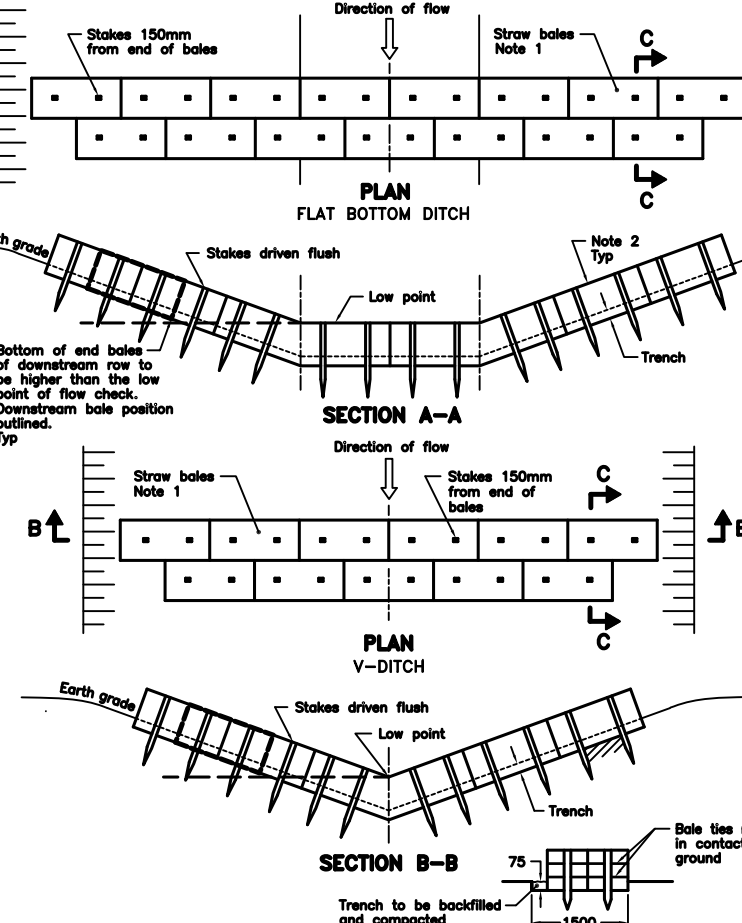
- LEGEND**
- STRAW BALES C/W "T" BARS
 - SILTATION CURTAIN
 - EXISTING ELEVATION CONTOUR
 - EXISTING SPOT ELEVATION



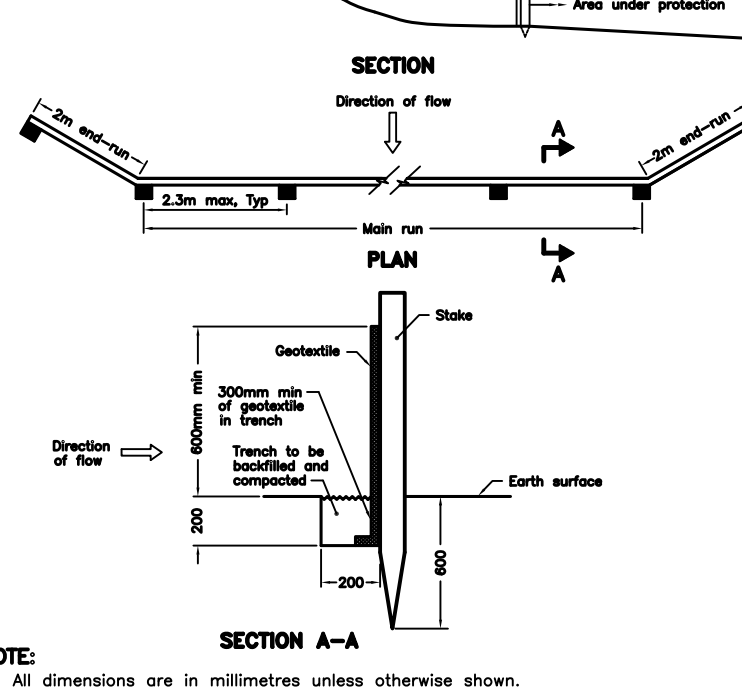
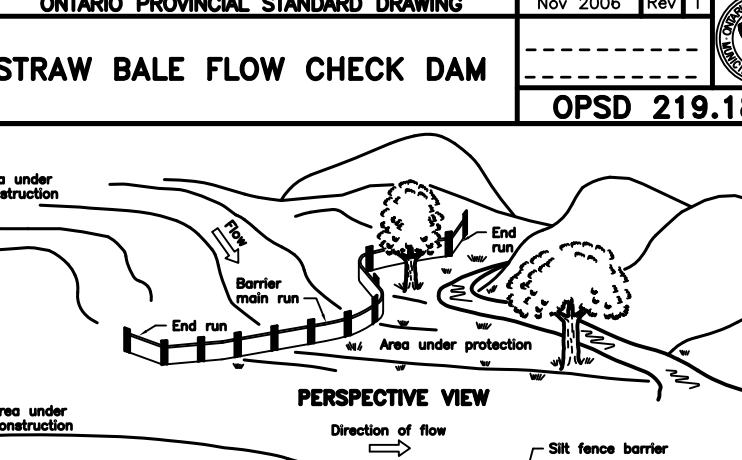
**ISSUED FOR CONSTRUCTION
FEBRUARY 6/2016**

NOTES

- ADDITIONAL TO THIS PLAN, THE CONTRACTOR SHALL IMPLEMENT THE "BEST MANAGEMENT PRACTICES" ALL ALONG CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL, INSPECT, REPAIR AND REMOVE THE SEDIMENT AND EROSION CONTROL METHODS.
- A SLUMP OF 600mm IN DEPTH WILL BE PROVIDED IN ALL CATCHBASINS IN ORDER TO MINIMIZE THE AMOUNT OF SUSPENDED SOLIDS FROM ENTERING THE SEWER SYSTEM.
- DURING CONSTRUCTION, FILTER CLOTH WILL BE PLACED UNDER ALL CATCHBASIN AND MANHOLE FRAMES AND COVERS AND STRAW BALES WILL BE PLACED WHERE WATER RUNOFF CAN CARRY EXCESSIVE SEDIMENTS INTO THE SEWER SYSTEM.
- STRAW BALES SHALL BE INSTALLED ALONG THE VARIOUS SWALES (MAN MADE OR EXISTING) WHERE ADDED NECESSARY BY THE ENGINEER AND/OR THE CITY OF OTTAWA'S INSPECTOR.
- STRAW BALES SHOULD BE INSTALLED AS PER OPSD 219.100 AND OPSD 219.110 AS APPROPRIATE.
- STRAW BALES SHALL BE INSTALLED AT EVERY MAJOR POINT OF WATER ENTRY INCLUDING DITCH INLET CATCHBASINS AND CULVERTS.
- ALL SEDIMENT CONTROL LOCATIONS MUST BE INSPECTED ON A REGULAR BASIS ESPECIALLY FOLLOWING A RAINFALL EVENT. SEDIMENTS SHALL BE REMOVED AND CONTROLS REINSTALLED AS NECESSARY.
- SHOULD IT BE IMPOSSIBLE TO PREVENT OVERLAND SHEET FLOW TO AN EXTERNAL AREA DURING THE CONSTRUCTION PHASE, SUCH AREA SHALL BE PROTECTED WITH A SILT FENCE AS PER OPSD 219.110 AND/OR FILTER CLOTH IN CATCHBASINS.
- FILTER CLOTH IN CBs SHOULD BE INSTALLED WITH GENEROUS EXCESS OF MATERIAL AROUND PERIMETER TO FACILITATE REMOVAL. FOR CBs POTENTIALLY SUBJECTED TO HEAVY SEDIMENT LOADING, A GRANULAR "PRE-FILTERED" SHOULD BE PROVIDED AROUND PERIMETER OF CB OR AT INTERVALS ALONG THE CURB.
- ANY MATERIAL STOCKPILES SHOULD BE LOCATED ON FLAT AREAS WELL AWAY FROM ANY DRAINAGE INLETS.
- NO SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED UNLESS FOUND UNNECESSARY OR ANOTHER SEDIMENT CONTROL POINT IS INSTALLED ELSEWHERE TO REPLACE THE LATTER.
- THE SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.



ONTARIO PROVINCIAL STANDARD DRAWING
Nov 2006 Rev 1
STRAW BALE FLOW CHECK DAM
OPSD 219.180



THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	APPLIES WHEN DRAWING MODIFIED	DATE	BY
1	ADJUSTED STORM SEWER ELEVATIONS		JUNE 24/15	JMD
2	ISSUED FOR TENDER		JAN. 14/16	JMD
3	ISSUED FOR CONSTRUCTION		FEB. 6/16	JMD

SCALE
1:750
0 24m

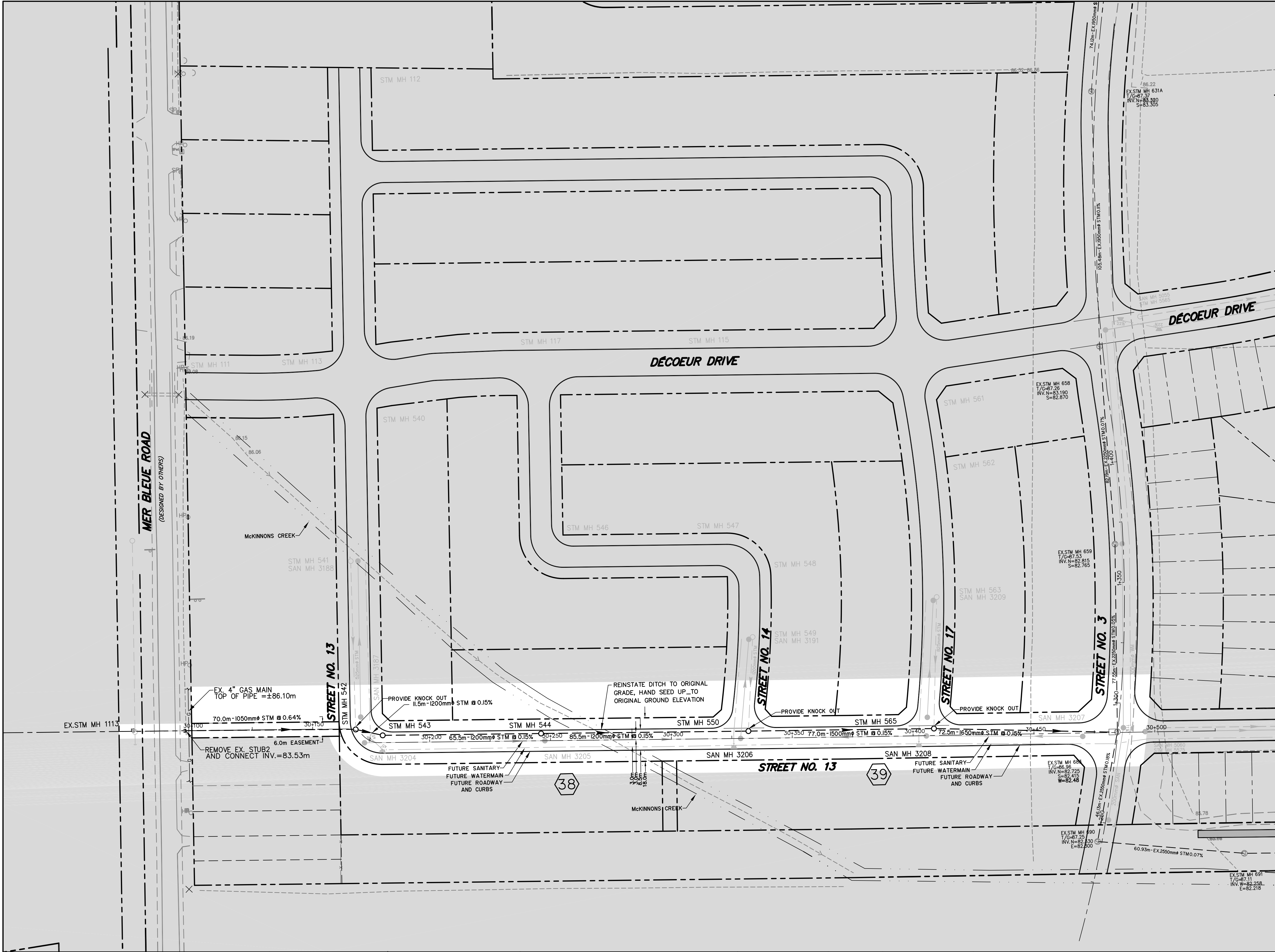
DESIGN JSG
CHECKED JMD
DRAWN JSG
CHECKED JMD
APPROVED JMD

ATREL Engineering Ltd.
Engineers - Ingénieurs
1-2884 CHAMBERLAND STREET, ROCKLAND, ONTARIO K4K 1A6
TEL.: (613) 446-7423

CITY OF OTTAWA
EAST URBAN COMMUNITY
MER BLEUE STORM SEWER OUTLET
PLAN
EROSION AND SEDIMENT CONTROL PLAN

MINTO COMMUNITIES INC.

CLIENT No. 148
PROJECT No. 070203
DATE FEBRUARY 2015
DRAWING No. 070203-ESCI



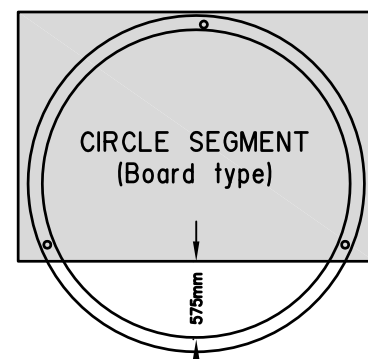
- NOTES:
1. CONNECT TO EX. SAN AND STM STUBS.
 2. ALL STORM SEWERS 900mm AND GREATER TO BE BENCHD. SEWER SHALL HAVE CLASS "B" BEDDING.
 3. ALL MANHOLE COVERS ARE TO HAVE RUBBER PLUGS. AS PER CITY SEWER DETAIL S24 AND S24J.
 4. ALL MANHOLE SHALL BE MANUFACTURED WITH A 0.3m SPACER.

LEGEND

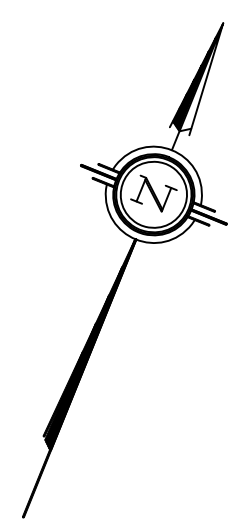
	EXISTING STORM MANHOLE
	EXISTING SANITARY MANHOLE
	EXISTING WATERMAIN
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	FUTURE WATERMAIN
	FUTURE STORM SEWER
	FUTURE SANITARY SEWER
	FUTURE STORM MANHOLE
	FUTURE SANITARY MANHOLE
	PROPOSED STORM SEWER
	PROPOSED STORM MANHOLE
	FUTURE BEND C/W THRUSTBLOCK (SPECIAL DESIGN)
	FUTURE CAP C/W THRUSTBLOCK (SPECIAL DESIGN)
	FUTURE CATCHBASIN
	PROPOSED INSULATION
	OUTSIDE PROPOSED DEVELOPMENT

STORM MANHOLE TABLE		
MANHOLE NUMBER	DIMENSIONS	LOCATION
MH 113	(By Others)	30+076.5
MH 542	2400mmø	30+168
MH 543	2400mmø	30+181
MH 544	2400mmø	30+246.5
MH 550	3000mmø	30+332
MH 565	3000mmø	30+408.5
EX MH 683	M-10	30+485

TEMPORARY CONSTRUCTION ICD OPENING

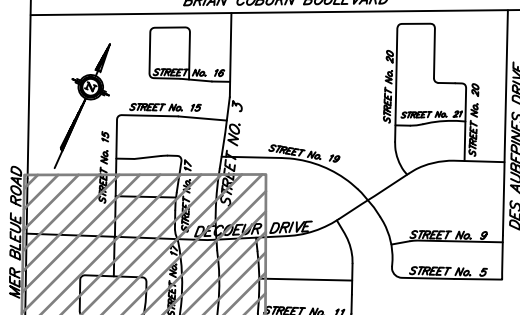


TEMPORARY CONSTRUCTION ICD TABLE				
MH NUMBER	INLET DIRECTION	PIPE SIZE	ICD TYPE	OPENING DIMENSION
STM MH 565	EAST	1650mm	CIRCLE SEGMENT	575 mm



ISSUED FOR
CONSTRUCTION
FEBRUARY 6/2016

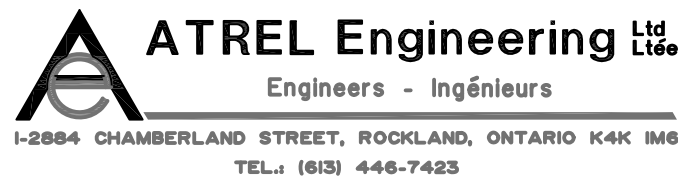
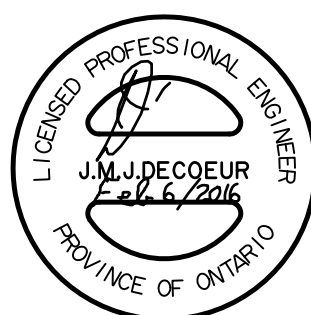
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SCALE
1:750
8m 0 24m

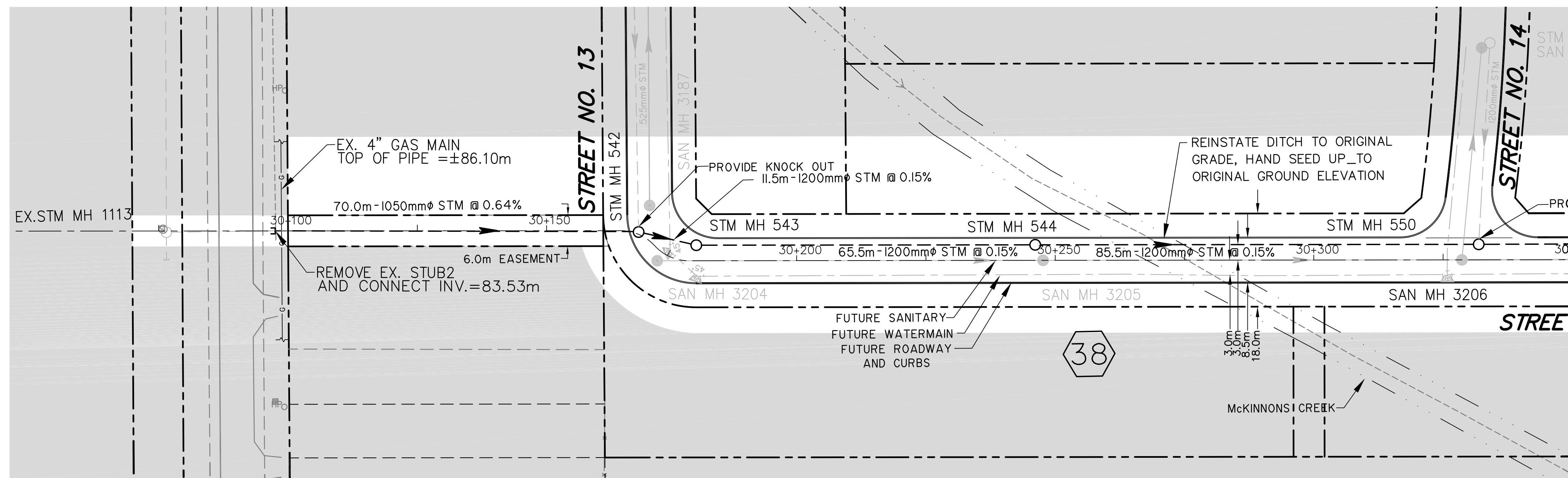
DESIGN	JSG
CHECKED	JMD
DRAWN	JSG
CHECKED	JMD
APPROVED	JMD



CITY OF OTTAWA
EAST URBAN COMMUNITY
MER BLEUE STORM SEWER OUTLET
PLAN
GENERAL PLAN OF SERVICES

MINTO
COMMUNITIES
INC.

CLIENT No. 148
PROJECT No. 070203
DATE FEBRUARY 2015
DRAWING No. 070203-S1



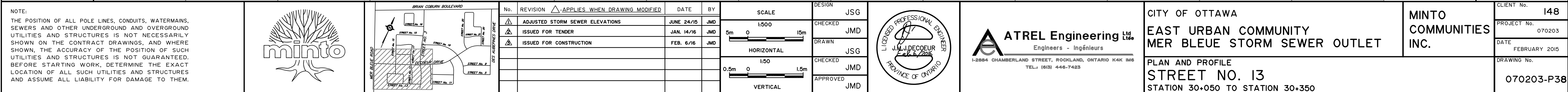
(COW) CUT OFF WALL (1.5m WIDE)
AS PER CITY STANDARD S8 (SPACED NO MORE
THAN 60m APART)

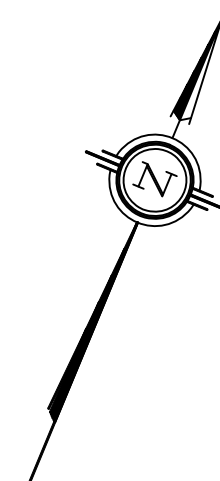
(SL) SAFETY LANDING

WATERMAIN CROSSING BELOW AND OVER SEWERS
AS PER CITY STD W25 AND STD W25.2 RESPECTIVELY.

SEE DRAWING 070203-P39
MATCH LINE STA. 30+3

ISSUED FOR
CONSTRUCTION
FEBRUARY 6/2016





ISSUED FOR
CONSTRUCTION
FEBRUARY 6/2016

