

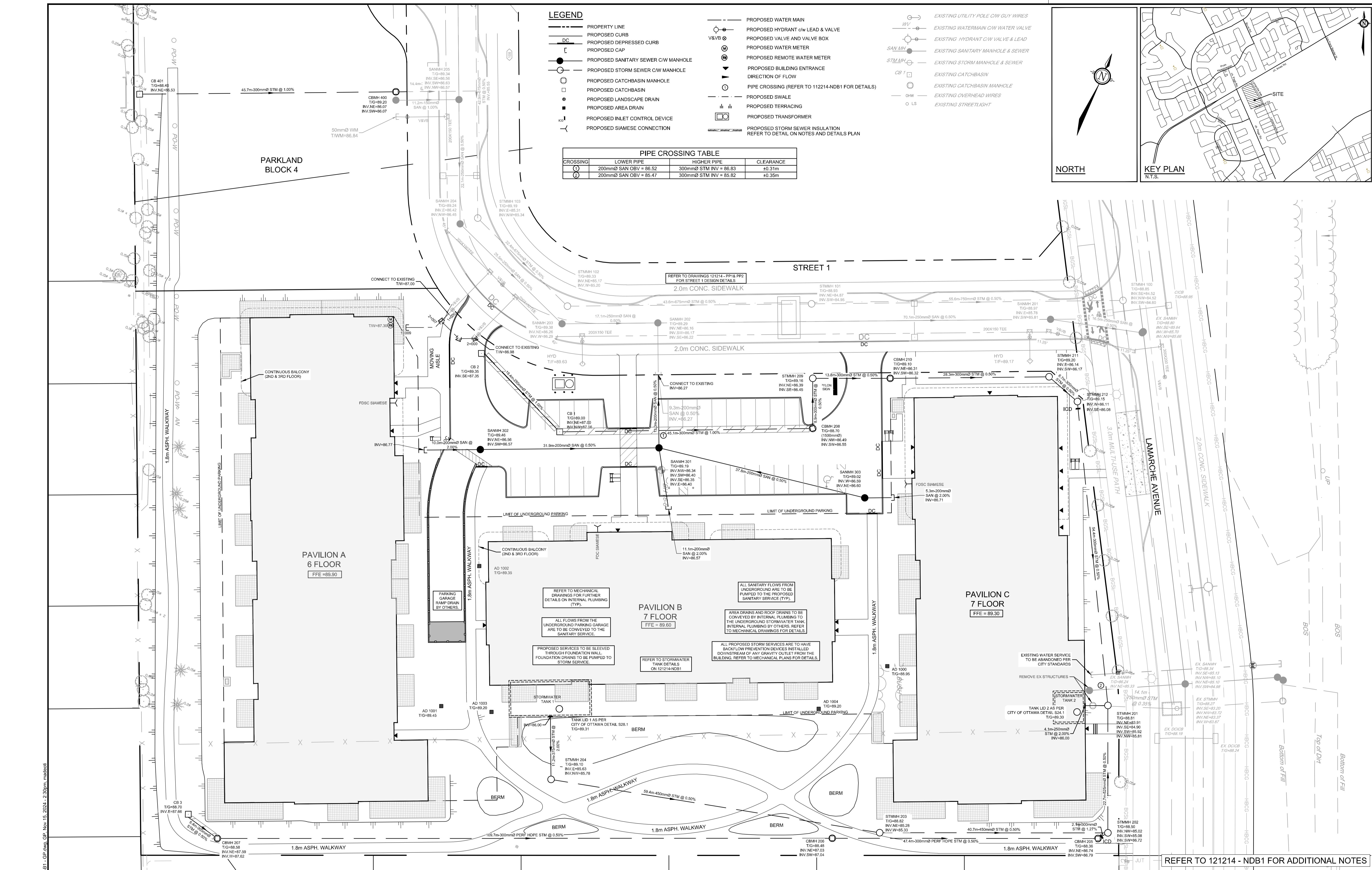
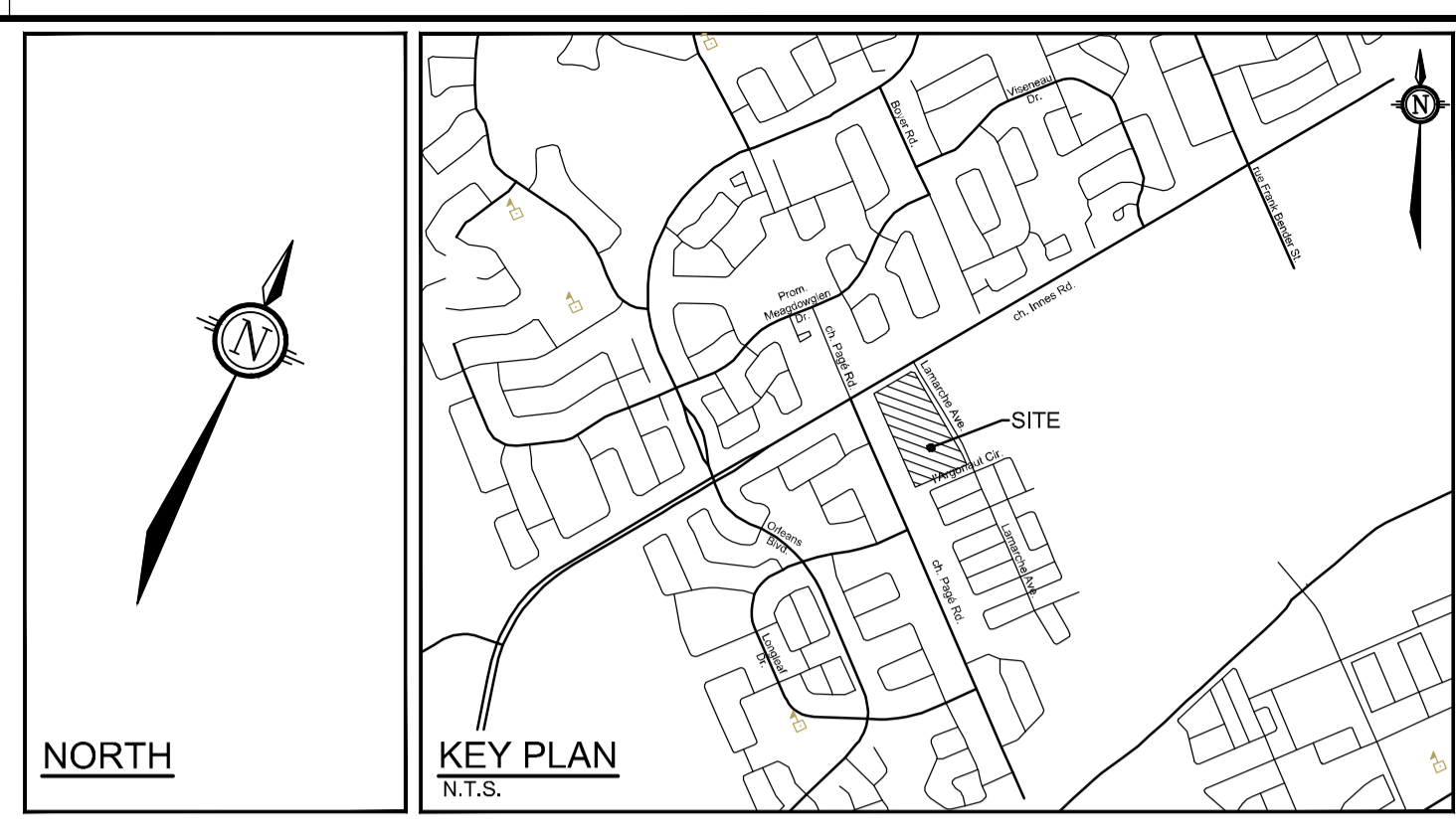




**LEGEND**

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED CAP
- PROPOSED SANITARY SEWER C/W MANHOLE
- PROPOSED STORM SEWER C/W MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED LANDSCAPE DRAIN
- PROPOSED AREA DRAIN
- PROPOSED INLET CONTROL DEVICE
- PROPOSED SIAMESE CONNECTION
- PROPOSED HYDRANT
- PROPOSED WATER MAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED REMOTE WATER METER
- PROPOSED WATER METER
- PROPOSED BUILDING ENTRANCE
- DIRECTION OF FLOW
- PIPE CROSSING (REFER TO 121214-NDB1 FOR DETAILS)
- PROPOSED SWALE
- PROPOSED TERRACING
- PROPOSED TRANSFORMER
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING WATERMAIN C/W WATER VALVE
- EXISTING HYDRANT C/W VALVE & LEAD
- EXISTING SANITARY MANHOLE & SEWER
- EXISTING STORM MANHOLE & SEWER
- EXISTING CATCHBASIN
- EXISTING CATCHBASIN MANHOLE
- EXISTING OVERHEAD WIRES
- EXISTING STREETLIGHT

PIPE CROSSING TABLE			
CROSSING	LOWER PIPE	HIGHER PIPE	CLEARANCE
①	200mm $\varnothing$ SAN OBV = 86.52	300mm $\varnothing$ STM INV = 86.83	+0.31m
②	200mm $\varnothing$ SAN OBV = 85.47	300mm $\varnothing$ STM INV = 85.82	+0.35m



REFER TO MECHANICAL DRAWINGS FOR FURTHER DETAILS ON INTERNAL PLUMBING (TYP).

ALL FLOWS FROM THE UNDERGROUND PARKING GARAGE ARE TO BE CONVEYED TO THE SANITARY SERVICE.

PROPOSED SERVICES TO BE SLEEVED THROUGH FOUNDATION WALL. FOUNDATION DRAINS TO BE PUMPED TO STORM SERVICE.

REFER TO STORMWATER TANK DETAILS ON 121214-NDB1

ALL SANITARY FLOWS FROM UNDERGROUND ARE TO BE PUMPED TO THE PROPOSED SANITARY SERVICE (TYP).

AREA DRAINS AND ROOF DRAINS TO BE CONVEYED BY INTERNAL PLUMBING TO THE UNDERGROUND STORMWATER TANK. INTERNAL PLUMBING BY OTHERS. REFER TO MECHANICAL DRAWINGS FOR DETAILS.

ALL PROPOSED STORM SERVICES ARE TO HAVE BACKFLOW PREVENTION DEVICES INSTALLED DOWNSTREAM OF ANY GRAVITY OUTLET FROM THE BUILDING. REFER TO MECHANICAL PLANS FOR DETAILS.

REFER TO 121214 - NDB1 FOR ADDITIONAL NOTES

**NOTE:**  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

**NOT FOR CONSTRUCTION**

No.	REVISION	DATE	BY
1.7	REVISED PER CITY COMMENTS	NOV 15/24	CJR
1.6	REVISED BLOCK NAMING	JUL 18/24	CJR
1.5	ISSUED FOR MUNICIPAL CONSENT FOR SHORING	MAY 27/24	RJK
1.4	ISSUED FOR PRELIMINARY PRICING	MAY 27/24	RJK
1.3	ISSUED FOR SITE PLAN APPLICATION	DEC 22/21	MJH

SCALE

1:300

DESIGN: MJH/ARM

CHECKED: CJR

DRAWN: MJH/ARM

CHECKED: CJR

APPROVED: JLS

**FOR REVIEW ONLY**

**NOVATECH**

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Telephone: (613) 254-9643  
Facsimile: (613) 254-5867  
Website: www.novatech-eng.com

LOCATION  
CITY OF OTTAWA  
270 LAMARCHE AVENUE

DRAWING NAME  
**GENERAL PLAN OF SERVICING - BLOCK 1**

PROJECT No. 121214

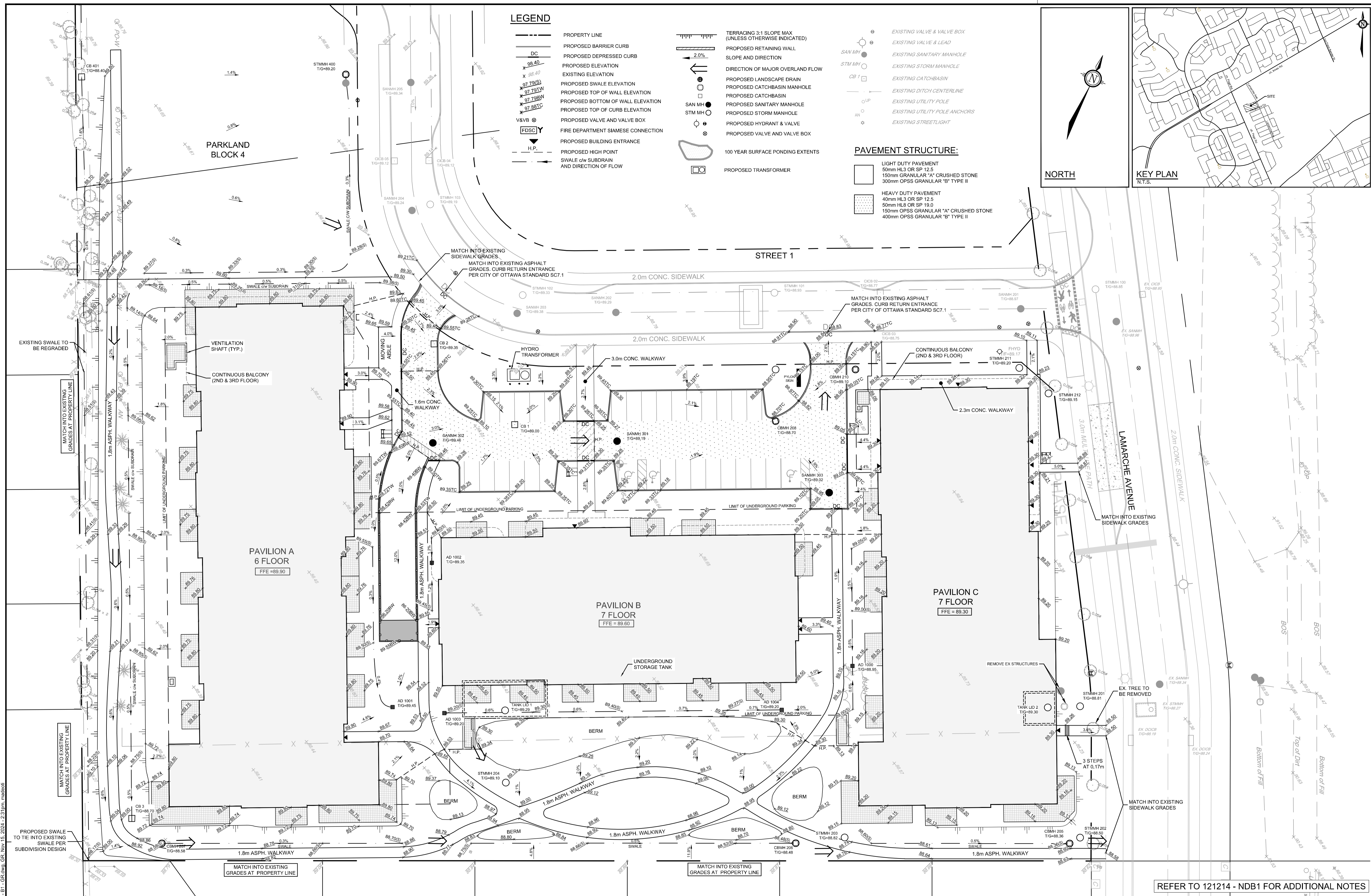
REV # 1.7

DRAWING No. 121214-GPB1

PLAN #18960

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**LEGEND**

- PROPERTY LINE
- PROPOSED BARRIER CURB
- DC PROPOSED DEPRESSED CURB
- x 98.40 EXISTING ELEVATION
- x 97.79(S) PROPOSED SWALE ELEVATION
- x 97.79(TW) PROPOSED TOP OF WALL ELEVATION
- x 97.79(BW) PROPOSED BOTTOM OF WALL ELEVATION
- x 97.85(TC) PROPOSED TOP OF CURB ELEVATION
- v&vb PROPOSED VALVE AND VALVE BOX
- FDSC FIRE DEPARTMENT SIAMSE CONNECTION
- H.P. PROPOSED BUILDING ENTRANCE
- PROPOSED HIGH POINT
- SWALE c/w SUBDRAIN AND DIRECTION OF FLOW
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- PROPOSED RETAINING WALL SLOPE AND DIRECTION
- DIRECTION OF MAJOR OVERLAND FLOW
- PROPOSED LANDSCAPE DRAIN
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED VALVE AND VALVE BOX
- 100 YEAR SURFACE PONDING EXTENTS
- PROPOSED TRANSFORMER

**PAVEMENT STRUCTURE:**

- LIGHT DUTY PAVEMENT  
50mm HL3 OR SP 12.5  
150mm GRANULAR "A" CRUSHED STONE  
300mm OPSS GRANULAR "B" TYPE II
- HEAVY DUTY PAVEMENT  
40mm HL3 OR SP 12.5  
50mm HL8 OR SP 19.0  
150mm OPSS GRANULAR "A" CRUSHED STONE  
400mm OPSS GRANULAR "B" TYPE II

**NORTH**

**KEY PLAN**  
N.T.S.

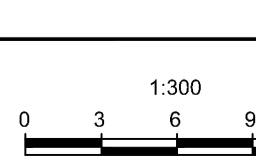
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**SCALE**

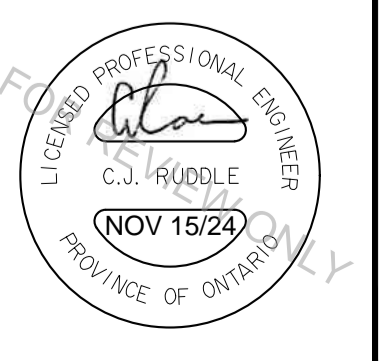
1:300



**DESIGN**

MJH/ARM	CJR
MJH/ARM	CJR
MJH/ARM	CJR
JLS	

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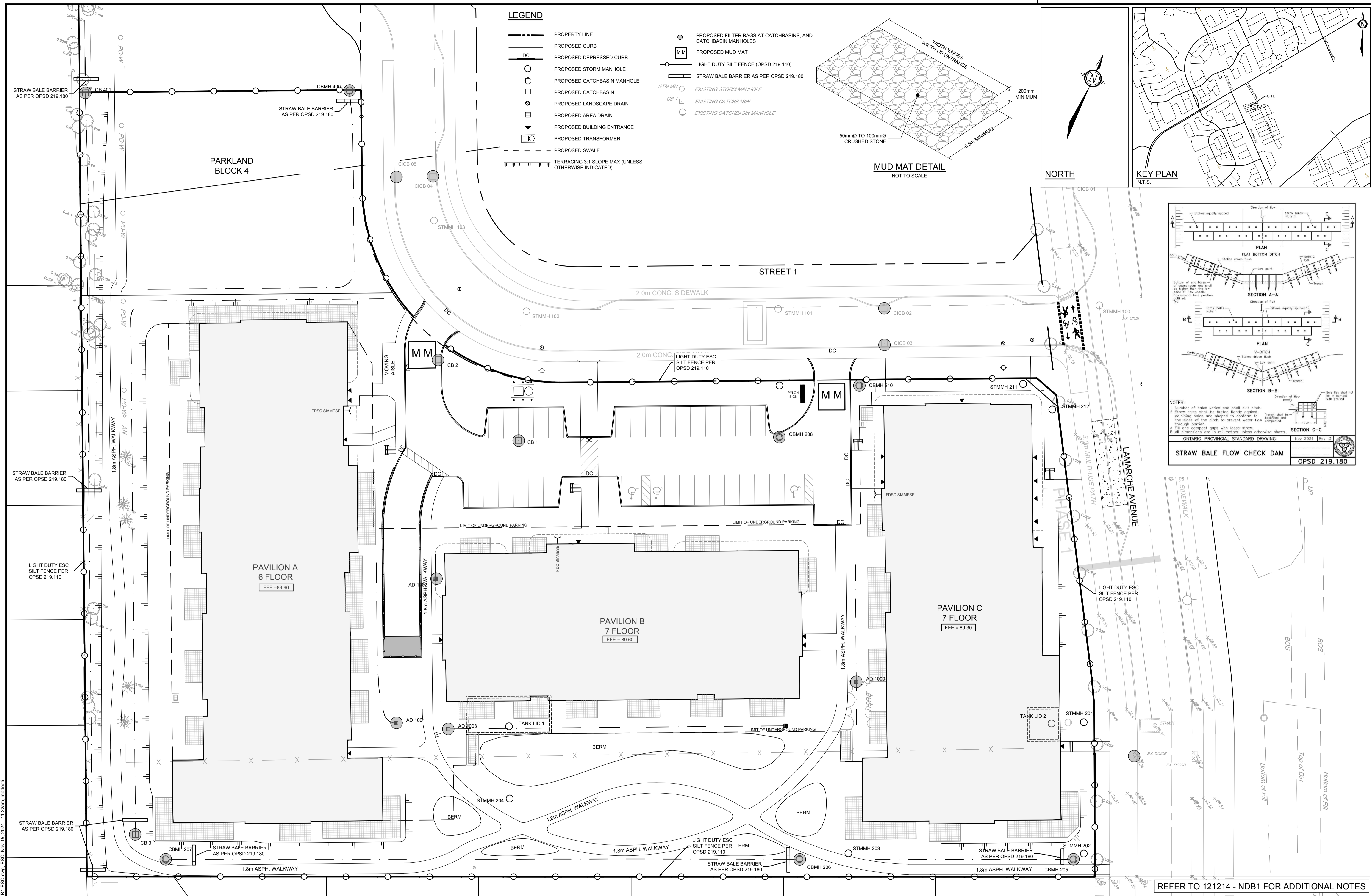
**LOCATION**  
CITY OF OTTAWA  
270 LAMARCHE AVENUE

**DRAWING NAME**  
DRAWING NAME  
DRAWING PLAN - BLOCK 1

**PROJECT No.** 121214  
**REV** REV # 1.1  
**DRAWING No.** 121214-GRB1  
**PLAN #** 18960

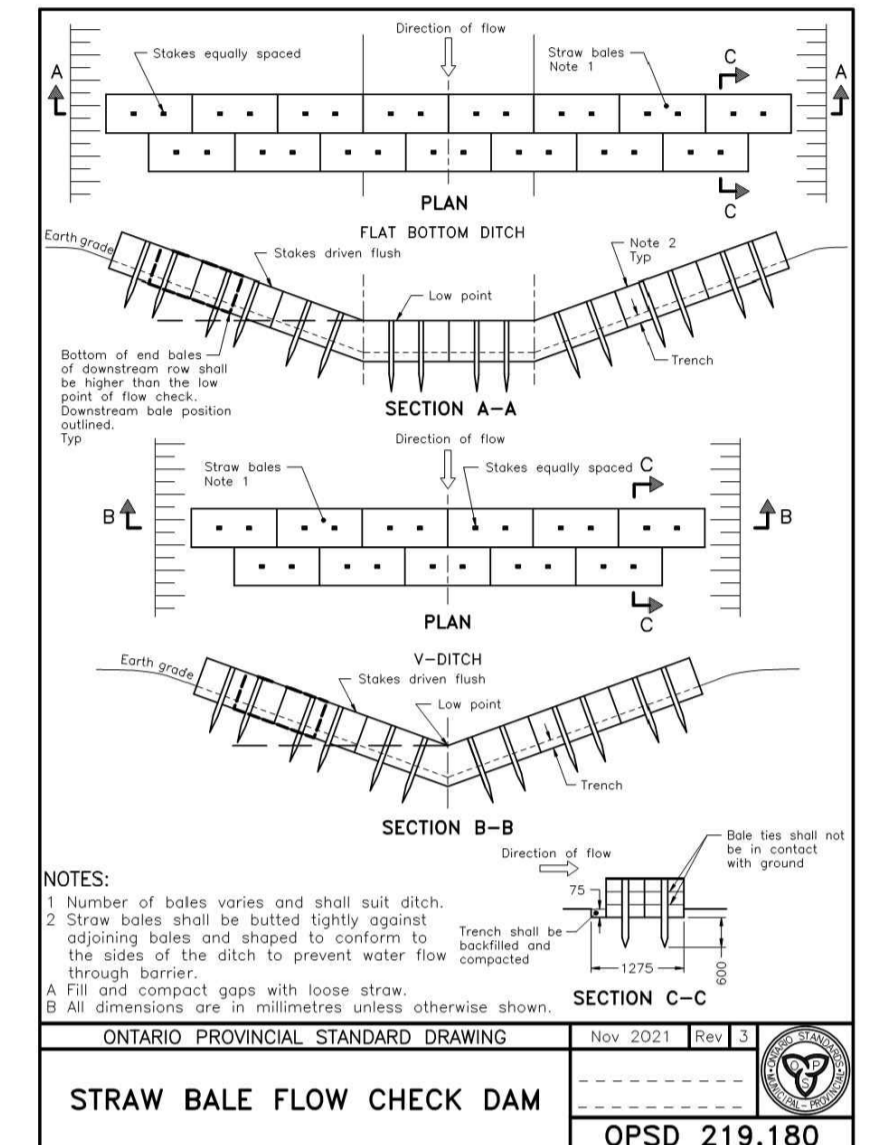
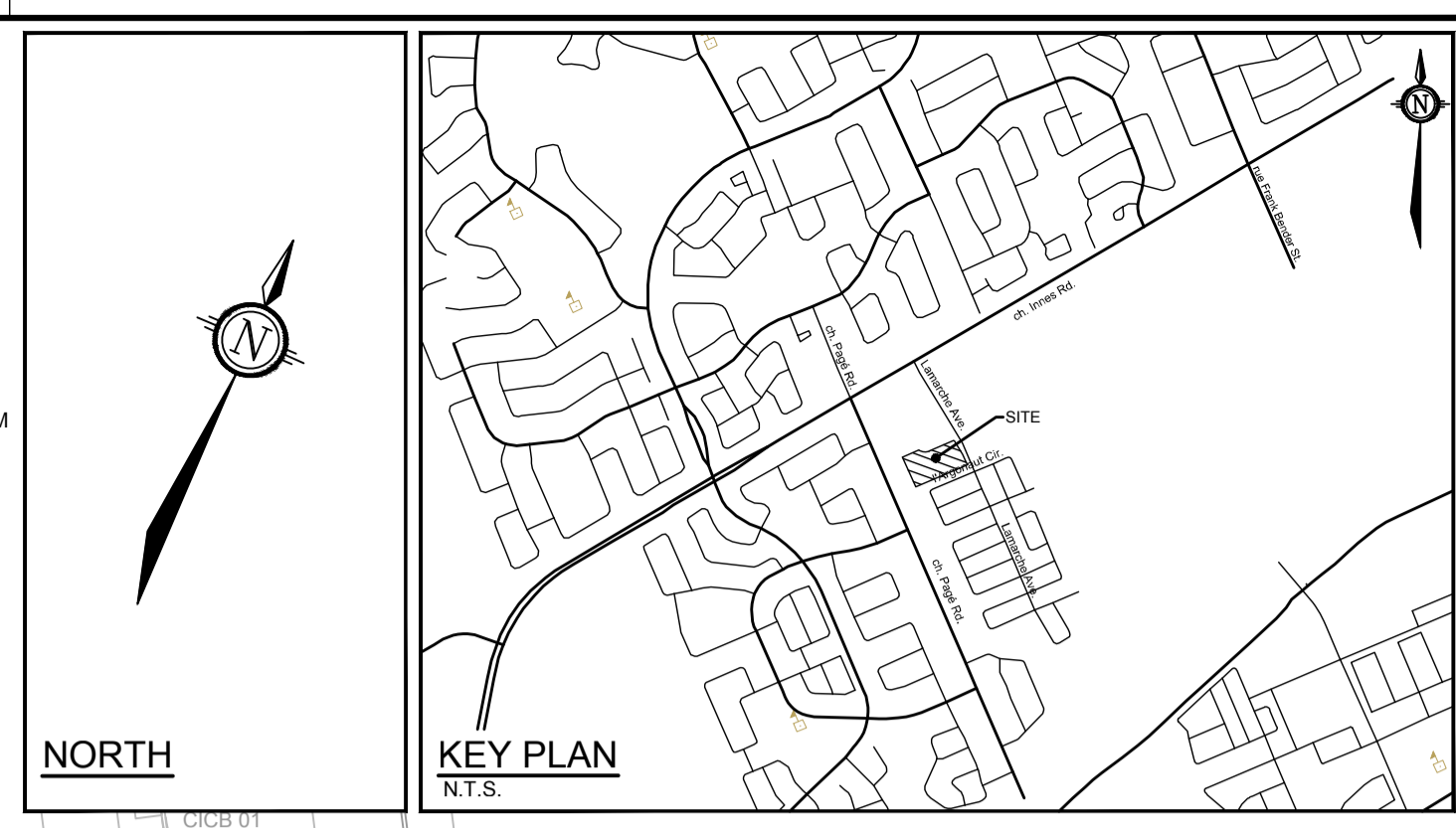
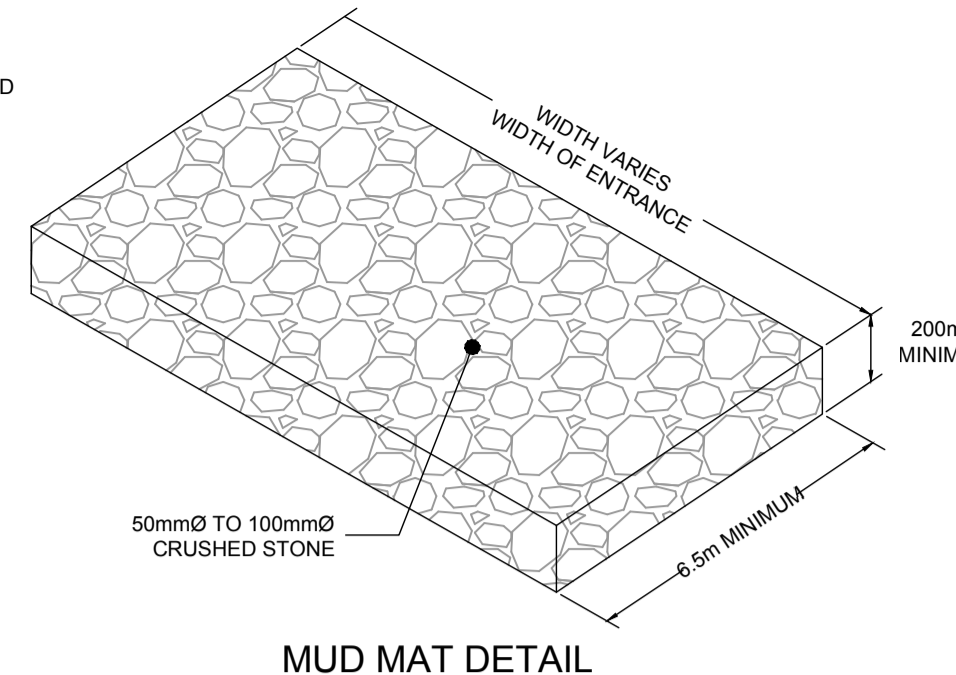
REFER TO 121214 - NDB1 FOR ADDITIONAL NOTES





**LEGEND**

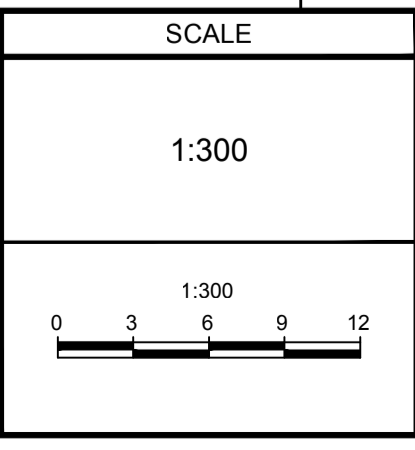
- PROPERTY LINE
- PROPOSED CURB
- DC PROPOSED DEPRESSED CURB
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED LANDSCAPE DRAIN
- ▨ PROPOSED AREA DRAIN
- ▽ PROPOSED BUILDING ENTRANCE
- PROPOSED TRANSFORMER
- PROPOSED SWALE
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- PROPOSED FILTER BAGS AT CATCHBASINS, AND CATCHBASIN MANHOLES
- MM PROPOSED MUD MAT
- LIGHT DUTY SILT FENCE (OPSD 219.110)
- ▭ STRAW BALE BARRIER AS PER OPSD 219.180
- EXISTING STORM MANHOLE
- EXISTING CATCHBASIN
- EXISTING CATCHBASIN MANHOLE



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1.A	ISSUED FOR SITE PLAN APPLICATION	DEC 22/21	MJH



**FOR REVIEW ONLY**

DESIGN: MJH/ARM  
 CHECKED: CJR  
 DRAWN: MJH/ARM  
 CHECKED: CJR  
 APPROVED: JLS

LICENSED PROFESSIONAL ENGINEER  
 C.J. FRODLE  
 NOV 15/24  
 PROVINCE OF ONTARIO

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LOCATION: CITY OF OTTAWA, 270 LAMARCHE AVENUE

DRAWING NAME: EROSION AND SEDIMENT CONTROL PLAN - BLOCK 1

PROJECT No: 121214  
 REV: REV # 1.7  
 DRAWING No: 121214-ESCB1  
 PLAN #18960

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