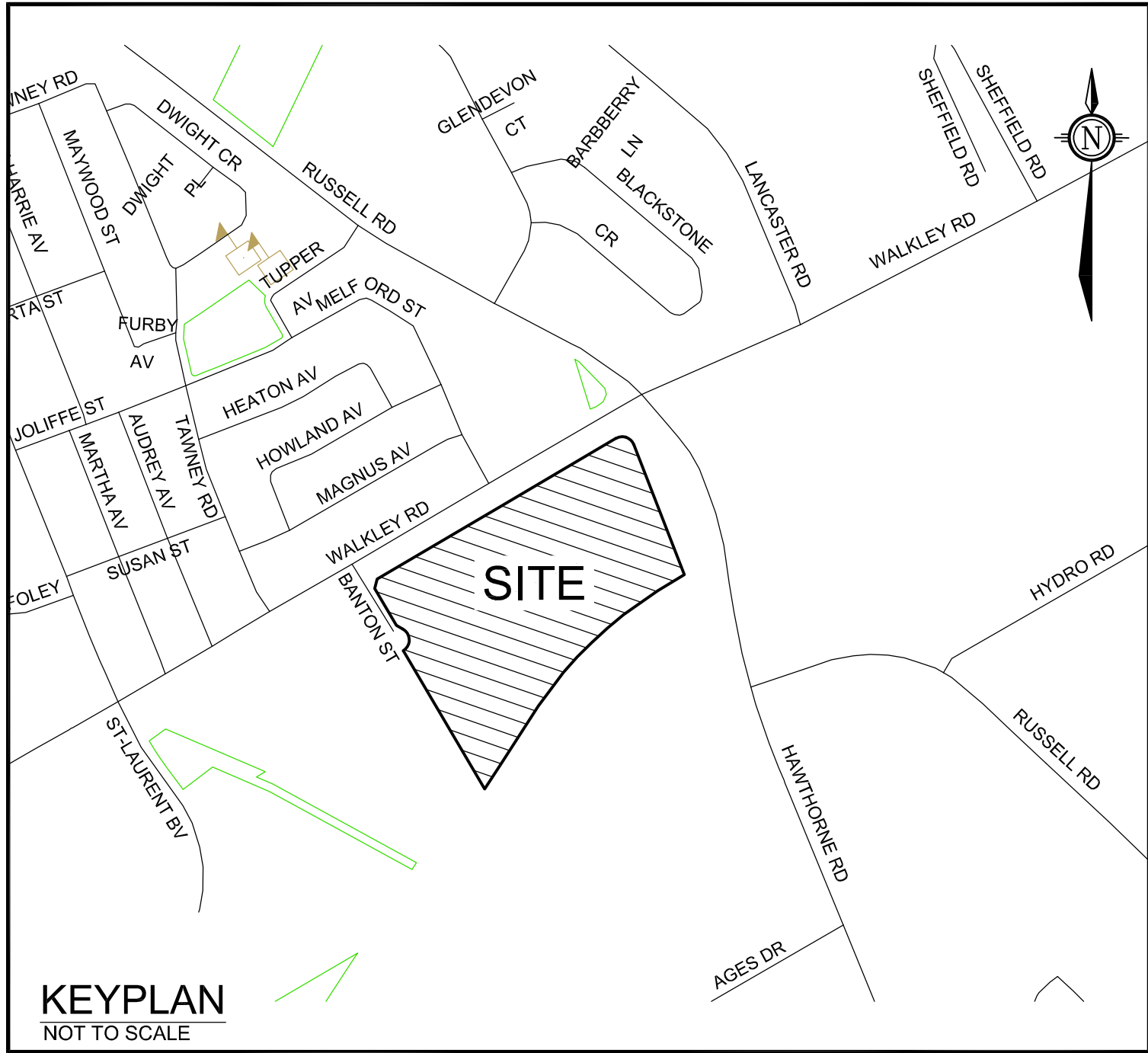


GIANT TIGER HEAD OFFICE  
2480 WALKLEY ROAD  
CITY OF OTTAWA  
ROADS, SEWERS AND WATERMAINS



**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com



PROJECT No. 117203

INDEX	
117203-ND	NOTES AND DETAILS
117203-GP	GENERAL PLAN OF SERVICES OVERALL
117203-GP1	GENERAL PLAN OF SERVICES NORTH
117203-GP2	GENERAL PLAN OF SERVICES SOUTH
117203-GP3	GENERAL PLAN OF SERVICES STORM SEWER OUTLET
117203-IGP	INTERIM GENERAL PLAN OF SERVICES OVERALL
117203-IGP1	INTERIM GENERAL PLAN OF SERVICES NORTH
117203-IGP2	INTERIM GENERAL PLAN OF SERVICES SOUTH
117203-GR	GRADING PLAN OVERALL
117203-GR1	GRADING PLAN NORTH
117203-GR2	GRADING PLAN SOUTH
117203-GR3	GRADING PLAN WEST
117203-IGR	INTERIM GRADING PLAN OVERALL
117203-IGR1	INTERIM GRADING PLAN NORTH
117203-IGR2	INTERIM GRADING PLAN SOUTH
117203-ESC	EROSION SEDIMENT CONTROL PLAN

REVISED PER CITY COMMENTS  
ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT



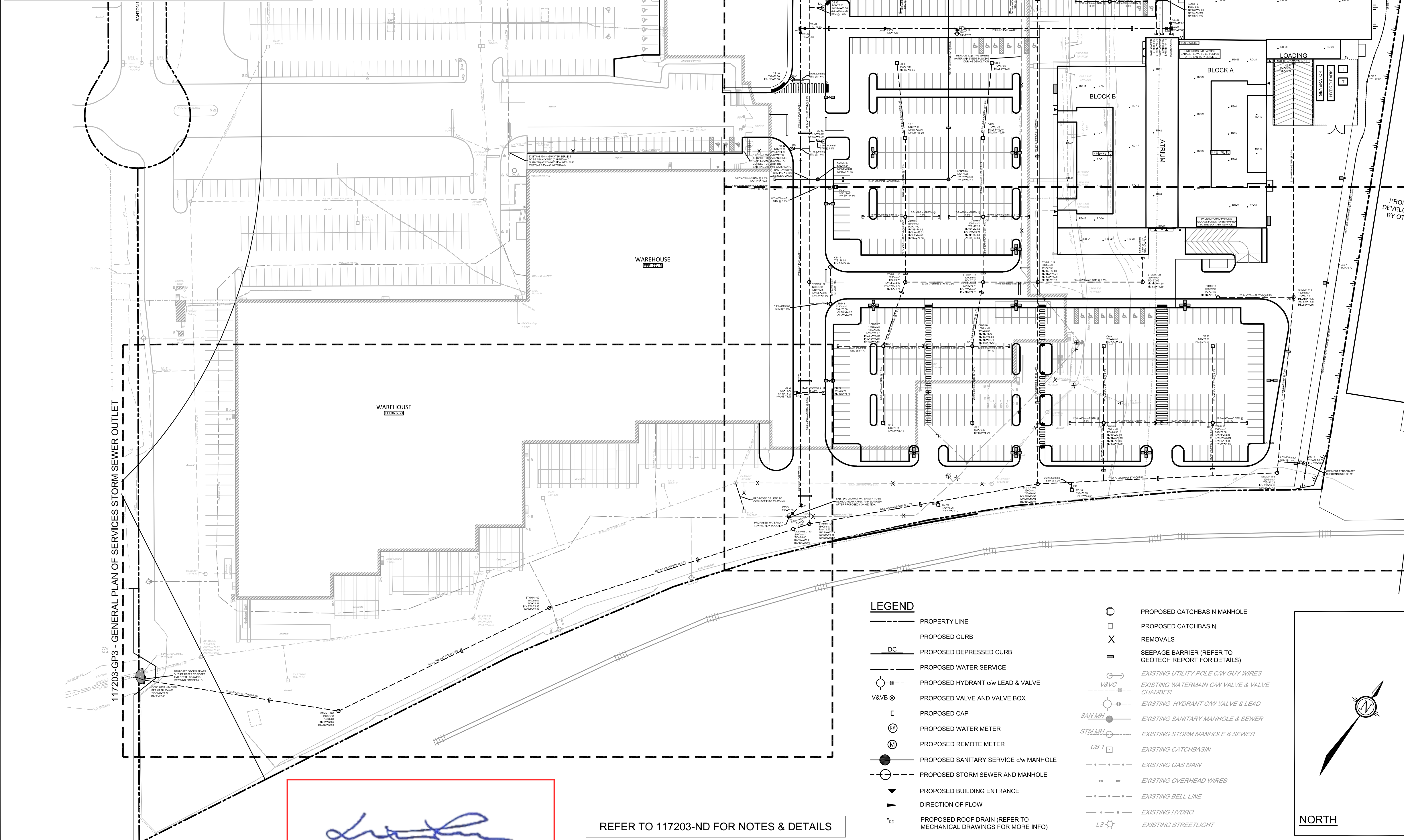




200mmØ WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
0+000	77.75	75.35	CONNECTION TO EXISTING 200mmØ WATERMAIN (INSULATION MAY BE REQUIRED)
0+001.5	77.75	75.35	VALVE AND VALVE BOX
0+038.9	77.90	75.50	45° HORIZONTAL BEND
0+041.7	77.95	75.55	45° HORIZONTAL BEND
0+064.1	78.00	75.60	TEE CONNECTION FOR HYDRANT
0+083.4	77.80	75.40	VALVE AND VALVE BOX
0+085.2	77.85	75.45	TEE CONNECTION WITH 200mmØ WATERMAIN
0+087.0	77.90	75.50	CAP 1.0m FROM FOUNDATION

250mmØ WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
1+000	75.85	73.45	CONNECTION TO EXISTING 250mmØ WATERMAIN (INSULATION MAY BE REQUIRED)
1+001.5	75.85	73.45	VALVE AND VALVE BOX
1+003.8	75.90	73.50	45° HORIZONTAL BEND
1+044.5	75.85	73.45	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
1+118.5	76.50	73.35	SAN SEWER CROSSING (0.5m CLEARANCE MIN)
1+129.3	76.45	74.05	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
1+153.1	76.60	74.20	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
1+169.2	76.90	74.50	VALVE AND VALVE BOX
1+170.7	76.90	74.50	TEE CONNECTION WITH 200mmØ WATERMAIN
1+214.7	77.95	75.55	VALVE AND VALVE BOX
1+216.1	78.00	75.60	CONNECTION TO EXISTING 250mmØ WATERMAIN (INSULATION MAY BE REQUIRED)

200mmØ WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
2+000	77.85	75.45	TEE CONNECTION TO PROPOSED 200mmØ WATERMAIN
2+001.5	77.85	75.35	VALVE AND VALVE BOX
2+003.0	77.95	75.25	SAN SERVICE CROSSING (0.5m CLEARANCE MIN)
2+001.5	77.85	75.25	STORM SERVICE CROSSING (0.5m CLEARANCE MIN)
2+049.0	77.60	74.20	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
2+074.0	77.60	75.20	TEE CONNECTION FOR HYDRANT
2+100.0	77.50	75.10	INTERIM CAP FOR FUTURE EXTENSION
2+115.5	77.20	74.80	SAN SEWER CROSSING (0.5m CLEARANCE MIN)
2+125.2	77.00	74.60	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
2+128.7	76.95	74.55	VALVE AND VALVE BOX
2+128.0	76.90	74.50	TEE CONNECTION TO PROPOSED 250mmØ WATERMAIN



LEGEND

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED CAP
- PROPOSED WATER METER
- PROPOSED REMOTE METER
- PROPOSED SANITARY SERVICE c/w MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED BUILDING ENTRANCE
- DIRECTION OF FLOW
- PROPOSED ROOF DRAIN (REFER TO MECHANICAL DRAWINGS FOR MORE INFO)
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- REMOVALS
- SEEPAGE BARRIER (REFER TO GEOTECH REPORT FOR DETAILS)
- EXISTING UTILITY POLE c/w GUY WIRES
- EXISTING WATERMAIN c/w VALVE & VALVE CHAMBER
- EXISTING HYDRANT c/w VALVE & LEAD
- EXISTING SANITARY MANHOLE & SEWER
- EXISTING STORM MANHOLE & SEWER
- EXISTING CATCHBASIN
- EXISTING GAS MAIN
- EXISTING OVERHEAD WIRES
- EXISTING BELL LINE
- EXISTING HYDRO
- EXISTING STREETLIGHT

REFER TO 117203-ND FOR NOTES & DETAILS

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.

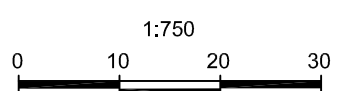
LILY XU, MCIP, RPP  
(A) MANAGER, DEVELOPMENT REVIEW - SOUTH PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED  
By Lily Xu at 4:27 pm, Jul 24, 2019

No.	REVISION	DATE	BY
5.	REVISED PER CITY COMMENTS. ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT	JULY 12/19	CJR
4.	ISSUED FOR BUILDING PERMIT AND TENDER	JUNE 21/19	CJR
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2.	REVISED PER CITY COMMENTS	APR 25/19	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR

SCALE

1:750



DESIGN	MJH
CHECKED	CJR
DRAWN	MJH
CHECKED	CJR
APPROVED	JLS

FOR REVIEW ONLY



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LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
GENERAL PLAN OF SERVICES  
OVERALL DEVELOPMENT

PROJECT NO.	117203
REV	REV # 5
DRAWING NO.	117203-GP

#12420







NOTE:  
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**APPROVED**  
By Lily Xu at 4:28 pm, Jul 24, 2019

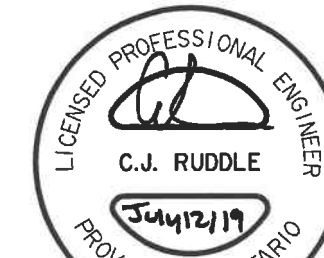
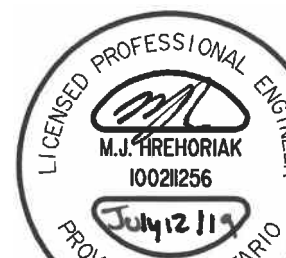
*Lily Xu*  
**LILY XU, MCIP, RPP**  
**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH**  
**PLANNING, INFRASTRUCTURE & ECONOMIC**  
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1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR

SCALE  
1:300  
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DESIGN	CHECKED	DRAWN	CHECKED	APPROVED
MJH	CJR	MJH	CJR	JLS

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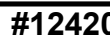
LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
**GENERAL PLAN OF SERVICES**  
**SOUTH DEVELOPMENT**

PROJECT No.	117203
REV	REV # 5
DRAWING No.	117203-GP2

#12420







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LILY XU, MCIP, RPP  
(A) MANAGER, DEVELOPMENT REVIEW - SOUTH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

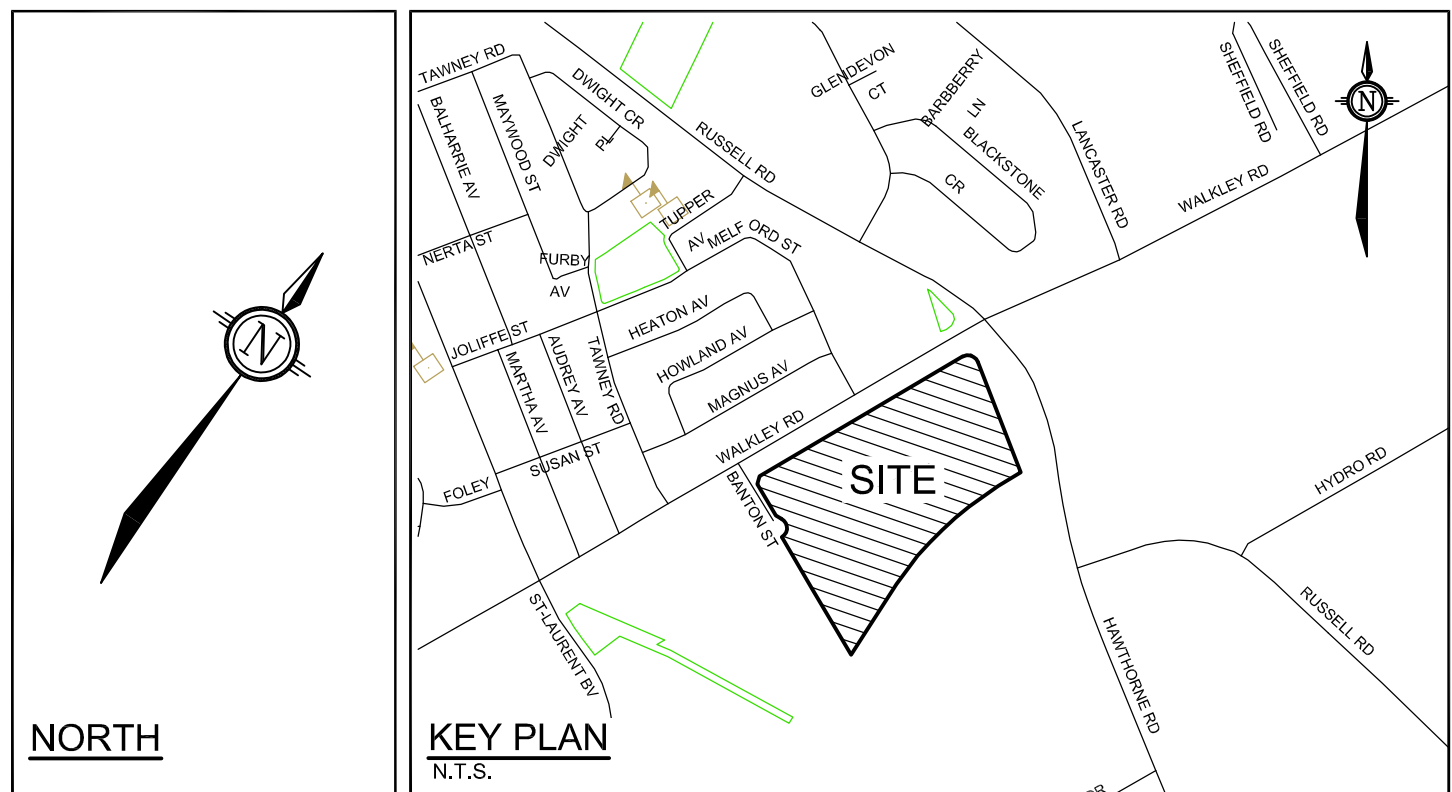
APPROVED  
By Lily Xu at 4:28 pm, Jul 24, 2019

#### LEGEND

- PROPERTY LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED SWALE ELEVATION
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE AND VALVE BOX
- PROPOSED WATER METER
- PROPOSED REMOTE METER
- PROPOSED GAS METER
- REMOVALS
- PROPOSED BUILDING ENTRANCE
- DIRECTION OF MAJOR OVERLAND FLOW

- TACTILE WALKING SURFACE INDICATOR (TWSI) PER CITY DETAIL SC7.3
- PROPOSED SAN MANHOLE
- PROPOSED ROOF DRAIN (REFER TO MECHANICAL DRAWINGS FOR MORE INFO)
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED HIGH POINT
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- SWALE c/w SUBDRAIN AND DIRECTION OF FLOW
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- PROPOSED RETAINING WALL
- SLOPE AND DIRECTION

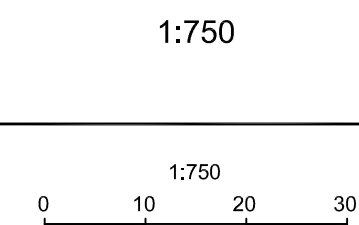
- 100YR + 20% PONDING LIMITS
- PROPOSED FENCE REFER TO LANDSCAPE PLAN
- CROSS-SECTION DETAIL (REFER TO NOTES AND DETAILS SHEET)
- EXISTING UTILITY POLE c/w GUY WIRES
- EXISTING VALVE & VALVE CHAMBER
- EXISTING VALVE & VALVE BOX
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCHBASIN
- EXISTING LIGHT STANDARD
- EXISTING FENCE



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1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR

#### SCALE

1:750



#### DESIGN

MJH

CJR

MJH

CJR

JLS

#### FOR REVIEW ONLY



LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
GRADING PLAN  
OVERALL DEVELOPMENT

PROJECT NO.  
117203

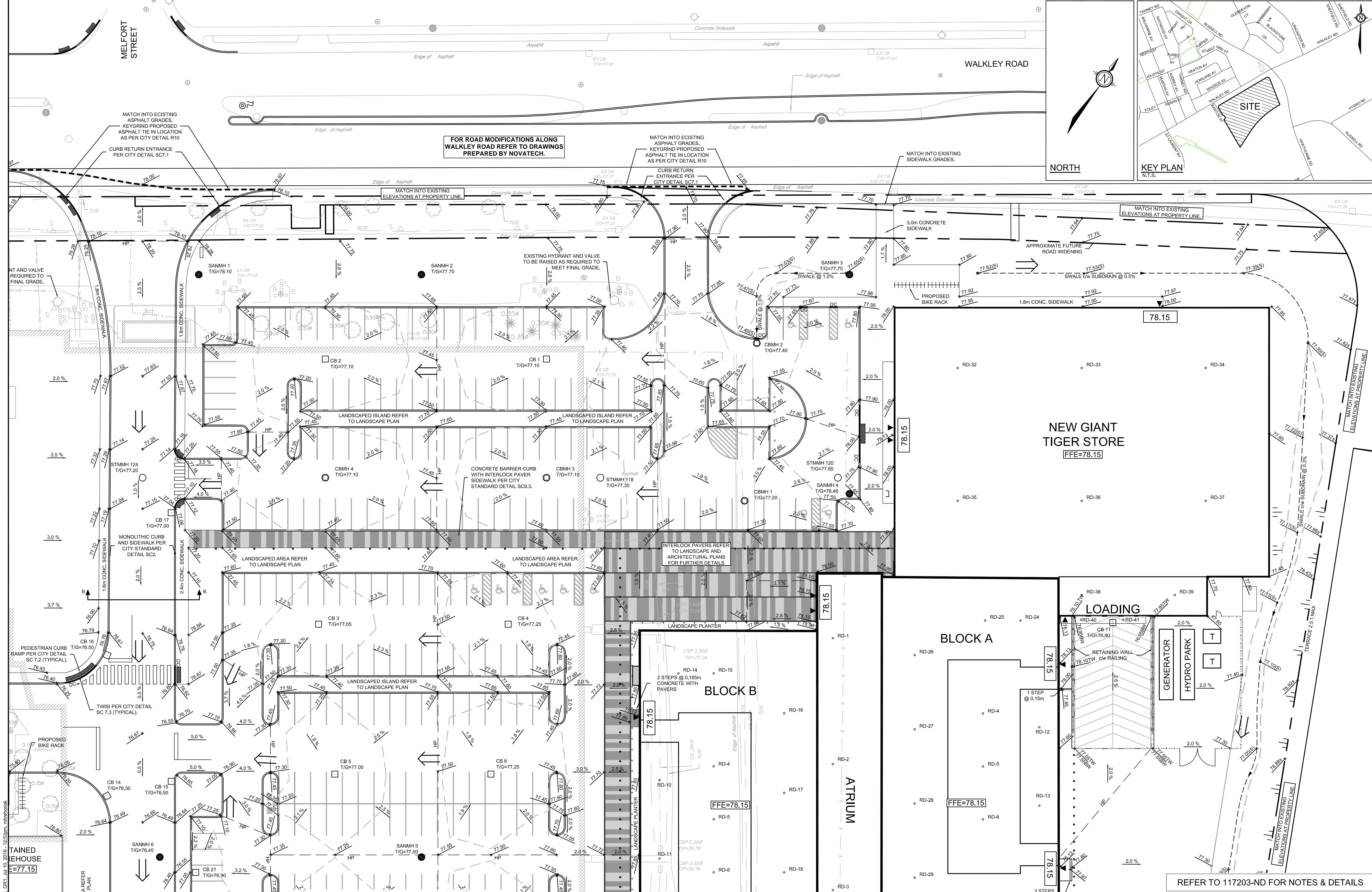
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DRAWING NO.  
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#12420

D07-12-19-0006





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**APPROVED**  
By Lily Xu at 4:28 pm, Jul 24, 2019

*[Signature]*  
**LILY XU, MCIP, RPP**  
(A) MANAGER, DEVELOPMENT REVIEW - SOUTH PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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SCALE  
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0 3 6 9 12

DESIGN  
MJH

CHECKED  
CJR

DRAWN  
MJH

CHECKED  
CJR

APPROVED  
JLS

**FOR REVIEW ONLY**

**PROFESSIONAL ENGINEER**  
M.J. PRETORIAK  
10028256  
July 12/19  
PROVINCE OF ONTARIO

**PROFESSIONAL ENGINEER**  
C.J. RUDDLE  
54412/19  
PROVINCE OF ONTARIO

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LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
**GRADING PLAN  
NORTH DEVELOPMENT**

PROJECT No.  
117203

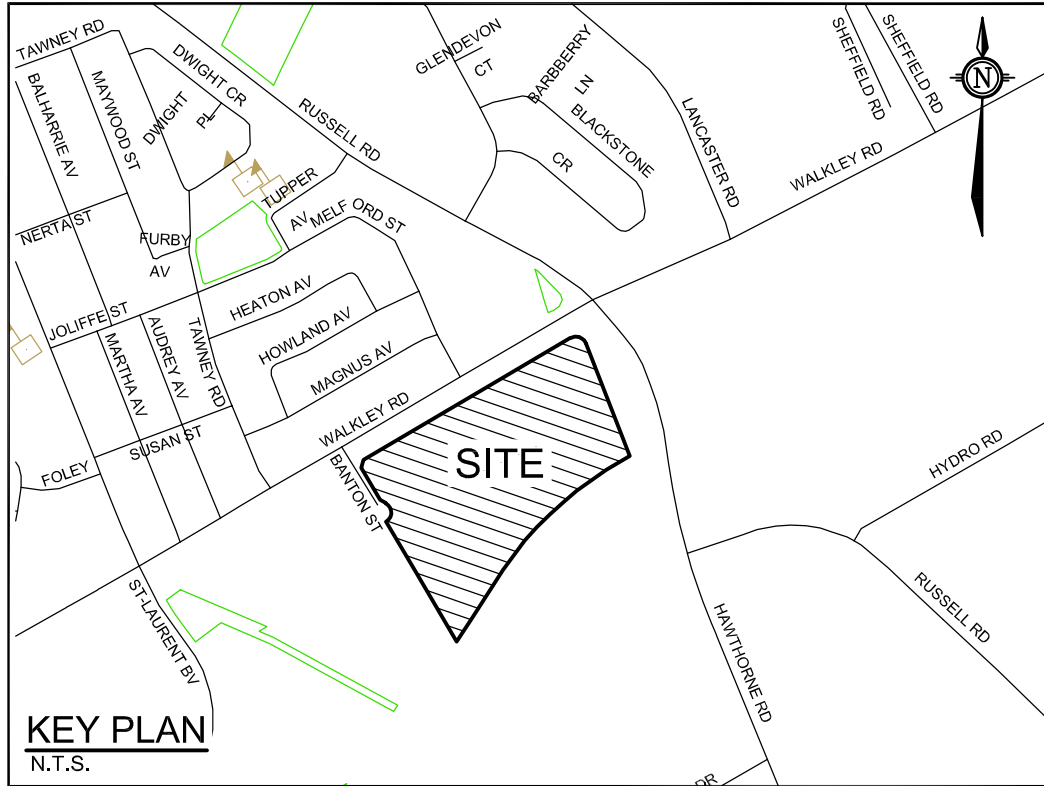
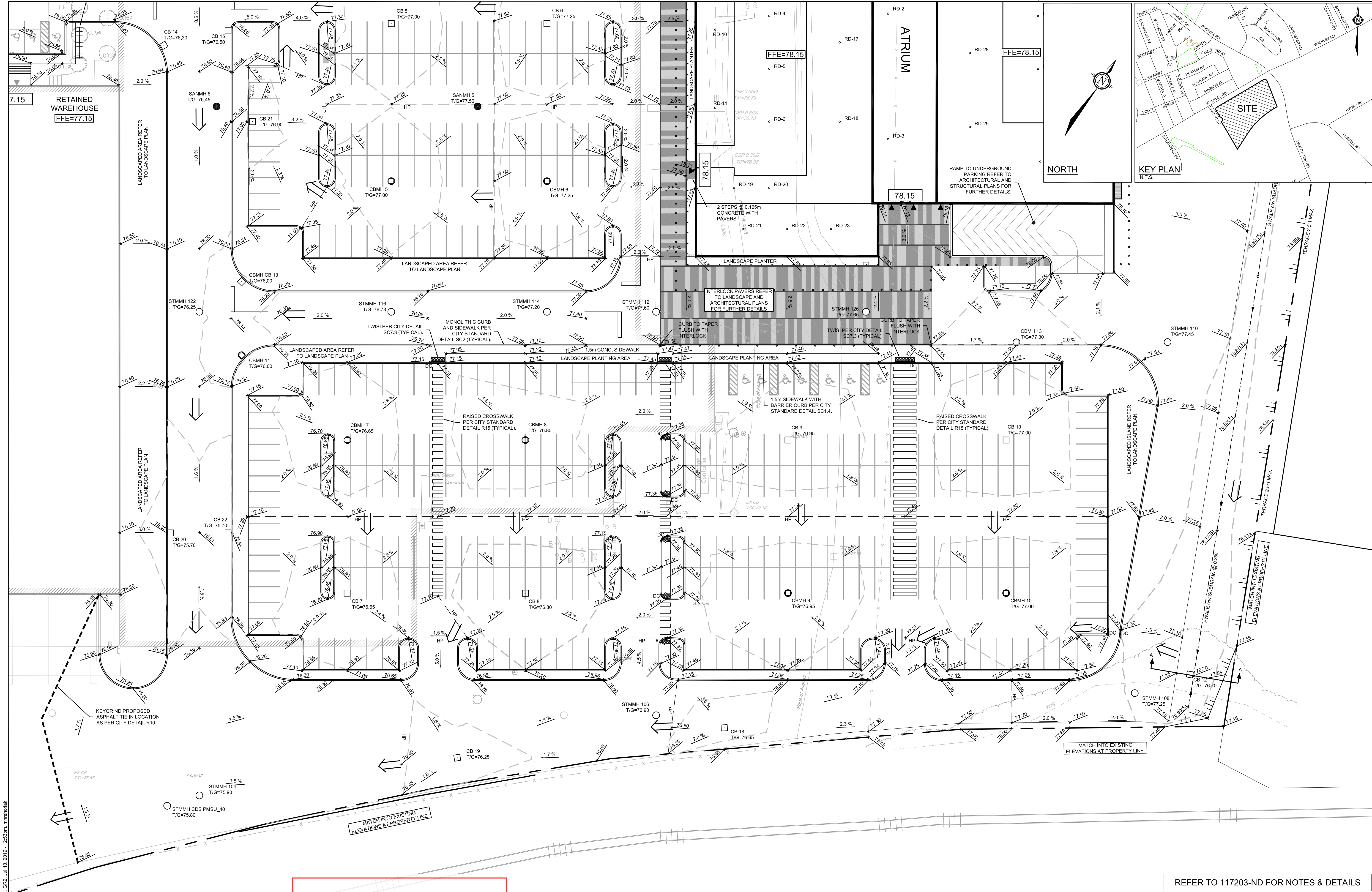
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117203-GR1

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#12420





NOTE:  
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**APPROVED**  
By Lily Xu at 4:29 pm, Jul 24, 2019

**LILY XU, MCIP, RPP**  
**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH**  
**PLANNING, INFRASTRUCTURE & ECONOMIC**  
**DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**

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SCALE  
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DESIGN  
MJH  
CHECKED  
CJR  
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MJH  
CHECKED  
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APPROVED  
JLS

**FOR REVIEW ONLY**

PROFESSIONAL ENGINEER  
M.J. FRECHORAK  
10021256  
July 12/19  
PROVINCE OF ONTARIO

PROFESSIONAL ENGINEER  
C.J. RUDDLE  
34412/19  
PROVINCE OF ONTARIO

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Website www.novatech-eng.com

REFER TO 117203-ND FOR NOTES & DETAILS

LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
**GRADING PLAN**  
**SOUTH DEVELOPMENT**

PROJECT No. 117203  
REV 5  
DRAWING No. 117203-GR2

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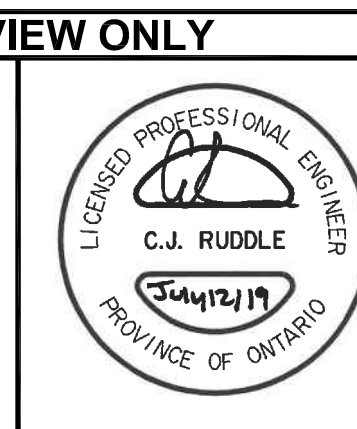
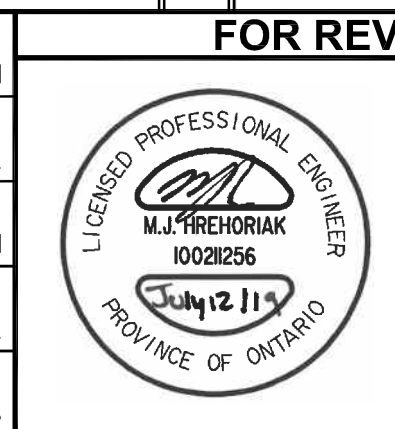
**APPROVED**  
By Lily Xu at 4:29 pm, Jul 24, 2019

  
**LILY XU, MCIP, RPP**  
**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH**  
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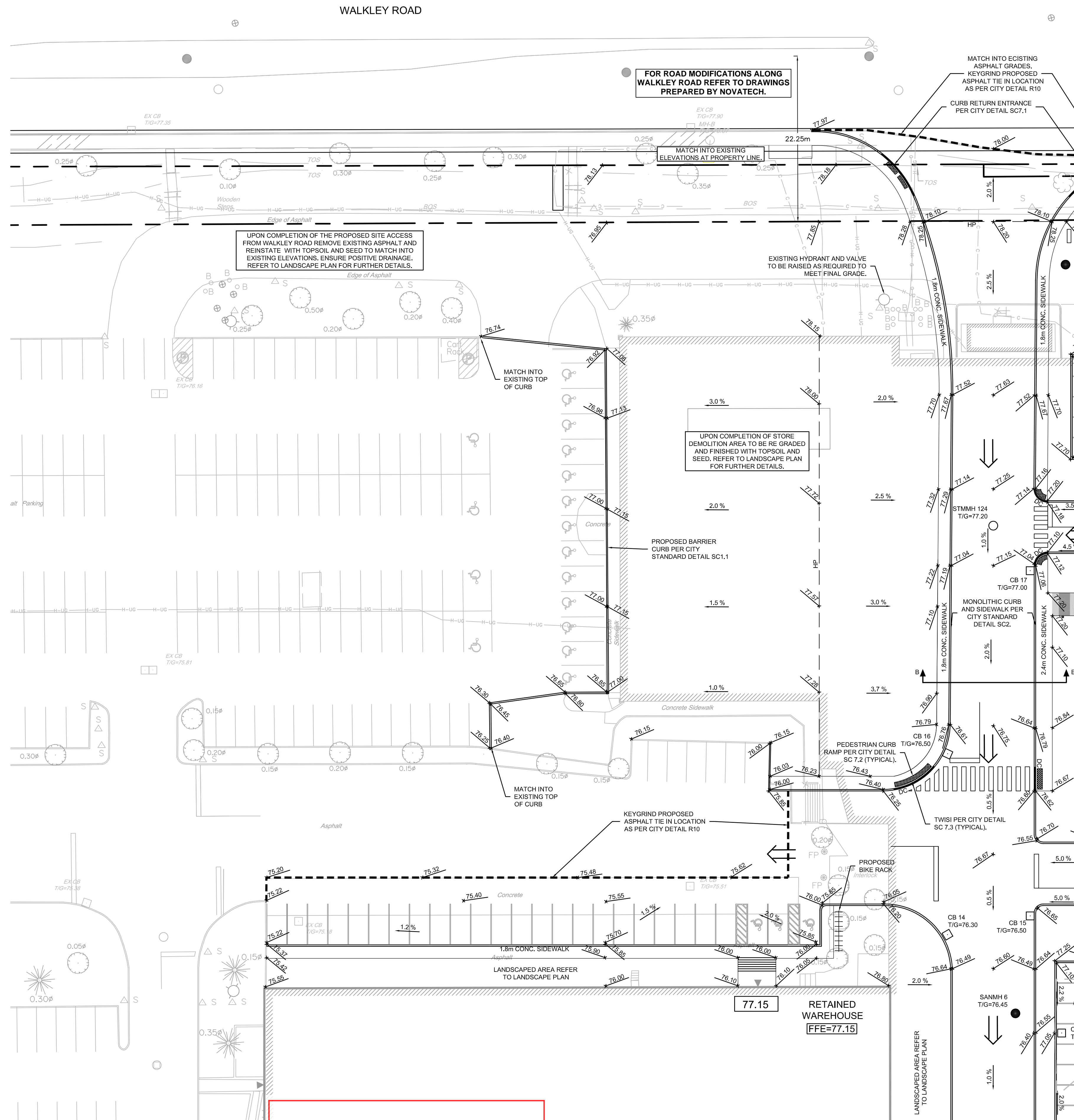
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CJR
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LOCATION 2480 WALKLEY ROAD, CITY OF OTTAWA GIANT TIGER HEAD OFFICE	
DRAWING NAME GRADING PLAN WEST DEVELOPMENT	
PROJECT No.	117203
REV	REV # 5
DRAWING No.	117203-GR3

#12420



NORTH

KEY PLAN  
N.T.S.

REFER TO 117203-ND FOR NOTES & DETAILS

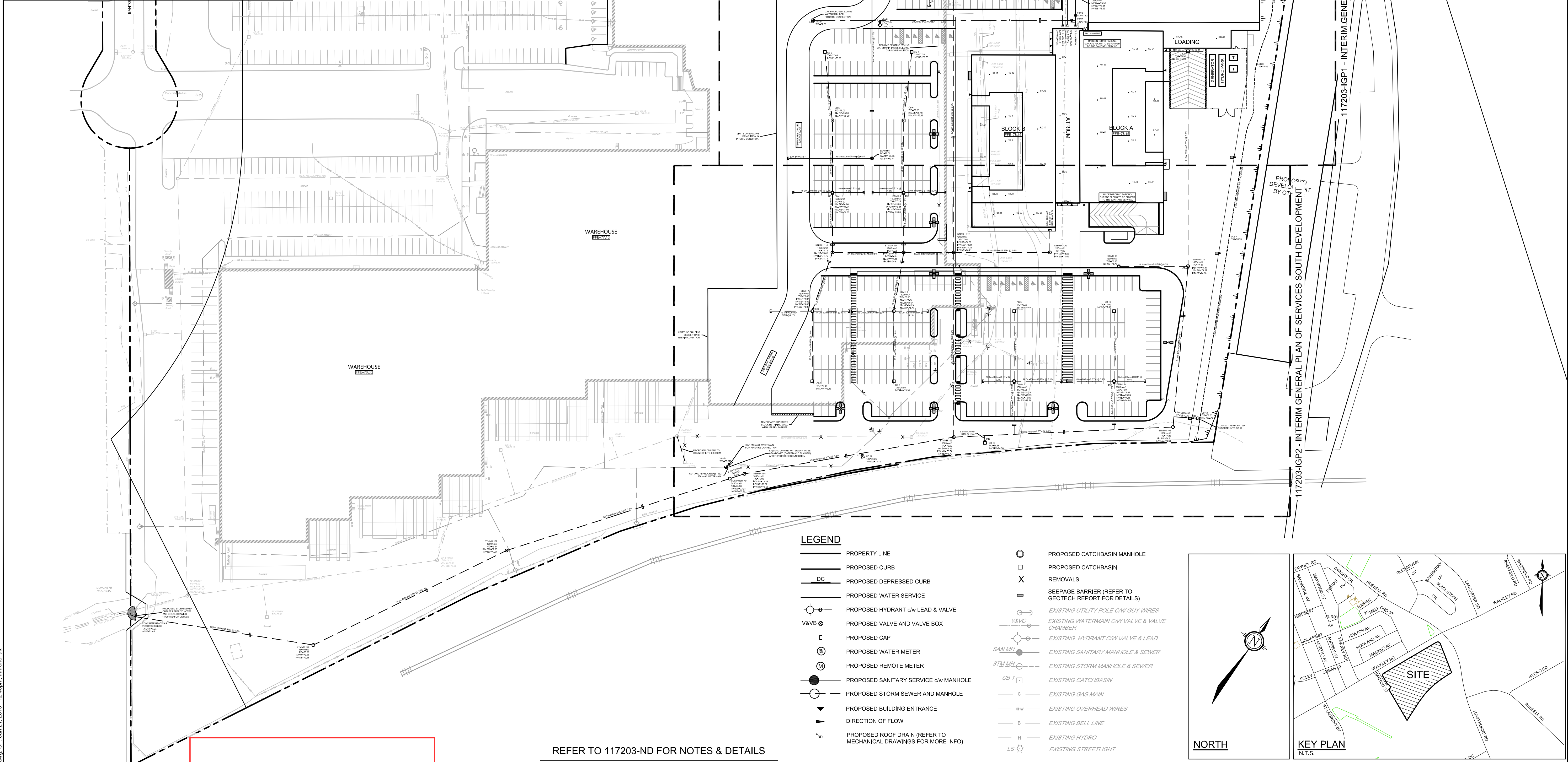
D07-12-19-0006



200mmØ WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
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0+001.5	77.75	75.35	VALVE AND VALVE BOX
0+038.9	77.90	75.50	45° HORIZONTAL BEND
0+041.7	77.95	75.55	45° HORIZONTAL BEND
0+064.1	78.00	75.60	TEE CONNECTION FOR HYDRANT
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0+085.2	77.85	75.45	TEE CONNECTION WITH 200mmØ WATERMAIN
0+087.0	77.90	75.50	CAP 1.0m FROM FOUNDATION

250mmØ WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
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1+001.5	75.85	73.45	VALVE AND VALVE BOX
1+005.6	75.95	73.55	45° HORIZONTAL BEND
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1+170.7	76.90	74.50	TEE CONNECTION WITH 200mmØ WATERMAIN
1+214.7	77.95	75.55	VALVE AND VALVE BOX
1+216.1	78.00	75.60	CONNECTION TO EXISTING 250mmØ WATERMAIN (INSULATION MAY BE REQUIRED)

200mmØ WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
2+000	77.85	75.45	TEE CONNECTION TO PROPOSED 200mmØ WATERMAIN
2+001.5	77.85	75.35	VALVE AND VALVE BOX
2+003.0	77.85	75.25	SAN SERVICE CROSSING (0.5m CLEARANCE MIN)
2+001.5	77.85	75.25	STORM SERVICE CROSSING (0.5m CLEARANCE MIN)
2+040.0	77.60	74.20	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
2+074.0	77.60	75.20	TEE CONNECTION FOR HYDRANT
2+100.0	77.50	75.10	INTERIM CAP FOR FUTURE EXTENSION
2+115.5	77.20	74.80	SAN SEWER CROSSING (0.5m CLEARANCE MIN)
2+129.2	77.00	74.00	STORM SEWER CROSSING (0.5m CLEARANCE MIN)
2+126.7	76.95	74.55	VALVE AND VALVE BOX
2+126.0	76.90	74.50	TEE CONNECTION TO PROPOSED 200mmØ WATERMAIN



- LEGEND**
  - PROPERTY LINE
  - PROPOSED CURB
  - DC PROPOSED DEPRESSED CURB
  - PROPOSED WATER SERVICE
  - PROPOSED HYDRANT c/w LEAD & VALVE
  - V&VB PROPOSED VALVE AND VALVE BOX
  - C PROPOSED CAP
  - PROPOSED WATER METER
  - PROPOSED REMOTE METER
  - PROPOSED SANITARY SERVICE c/w MANHOLE
  - PROPOSED STORM SEWER AND MANHOLE
  - PROPOSED BUILDING ENTRANCE
  - DIRECTION OF FLOW
  - PROPOSED ROOF DRAIN (REFER TO MECHANICAL DRAWINGS FOR MORE INFO)
  - PROPOSED CATCHBASIN MANHOLE
  - PROPOSED CATCHBASIN
  - REMOVALS
  - SEEPAGE BARRIER (REFER TO GEOTECH REPORT FOR DETAILS)
  - EXISTING UTILITY POLE c/w GUY WIRES
  - EXISTING WATERMAIN c/w VALVE & VALVE CHAMBER
  - EXISTING HYDRANT c/w VALVE & LEAD
  - EXISTING SANITARY MANHOLE & SEWER
  - EXISTING STORM MANHOLE & SEWER
  - EXISTING CATCHBASIN
  - EXISTING GAS MAIN
  - EXISTING OVERHEAD WIRES
  - EXISTING BELL LINE
  - EXISTING HYDRO
  - EXISTING STREETLIGHT

REFER TO 117203-ND FOR NOTES & DETAILS

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.

**LILY XU, MCIP, RPP**  
**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPEMENT DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By Lily Xu at 4:29 pm, Jul 24, 2019

No.	REVISION	DATE	BY
5.	REVISED PER CITY COMMENTS. ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT	JULY 12/19	CJR
4.	ISSUED FOR BUILDING PERMIT & TENDER	JUNE 21/19	CJR
3.	ISSUED FOR COORDINATION	JUNE 18/19	CJR
2.	REVISED PER CITY COMMENTS	APR 25/19	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR

SCALE

1:750

0 10 20 30

DESIGN	MJH
CHECKED	CJR
DRAWN	MJH
CHECKED	CJR
APPROVED	JLS

FOR REVIEW ONLY

**NOVATECH**

Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6

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

LOCATION  
CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
INTERIM GENERAL PLAN OF SERVICES  
OVERALL DEVELOPMENT

PROJECT NO.  
117203

REV  
REV # 5

DRAWING NO.  
117203-IGP

#12420

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D07-12-19-0006



NOTE:  
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(A) MANAGER, DEVELOPMENT REVIEW - SOUTH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED  
By Lily Xu at 4:29 pm, Jul 24, 2019

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4.	REVISED PER CITY COMMENTS, ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT	JULY 12/19	CJR
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1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR

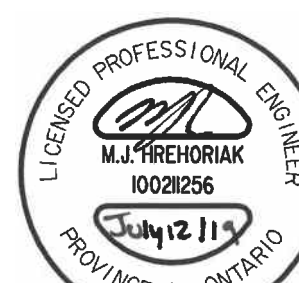
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DESIGN	MJH
CHECKED	CJR
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APPROVED	JLS

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LOCATION  
CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
INTERIM GENERAL PLAN OF  
SERVICES  
NORTH DEVELOPMENT

PROJECT No.	117203
REV	REV # 4
DRAWING No.	117203-IGP1

#12420

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(A) MANAGER, DEVELOPMENT REVIEW - SOUTH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED  
By Lily Xu at 4:30 pm, Jul 24, 2019

No.	REVISION	DATE	BY
4.	REVISED PER CITY COMMENTS, ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT	JULY 12/19	CJR
3.	ISSUED FOR BUILDING PERMIT & TENDER	JUNE 21/19	CJR
2.	REVISED PER CITY COMMENTS	APR 25/19	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR

SCALE

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DESIGN

MJH  
CJR  
MJH  
CJR  
JLS

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LOCATION  
CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
INTERIM GENERAL PLAN OF  
SERVICES  
SOUTH DEVELOPMENT

PROJECT No. 117203  
REV # 4  
DRAWING No. 117203-IGP2  
#12420



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NOTE:  
THE POSITION OF ALL POLE LINES, CONDUITS,  
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**LILY XU, MCIP, RPP**  
**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH**  
**PLANNING, INFRASTRUCTURE & ECONOMIC**  
**DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By Lily Xu at 4:30 pm, Jul 24, 2019

No.	REVISION	DATE	BY
5.	REVISED PER CITY COMMENTS, ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT	JULY 12/19	CJR
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2.	REVISED PER CITY COMMENTS	APR 25/19	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	JAN18/19	CJR

SCALE
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DESIGN
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CJR
MJH
CJR
JLS

FOR REVIEW ONLY



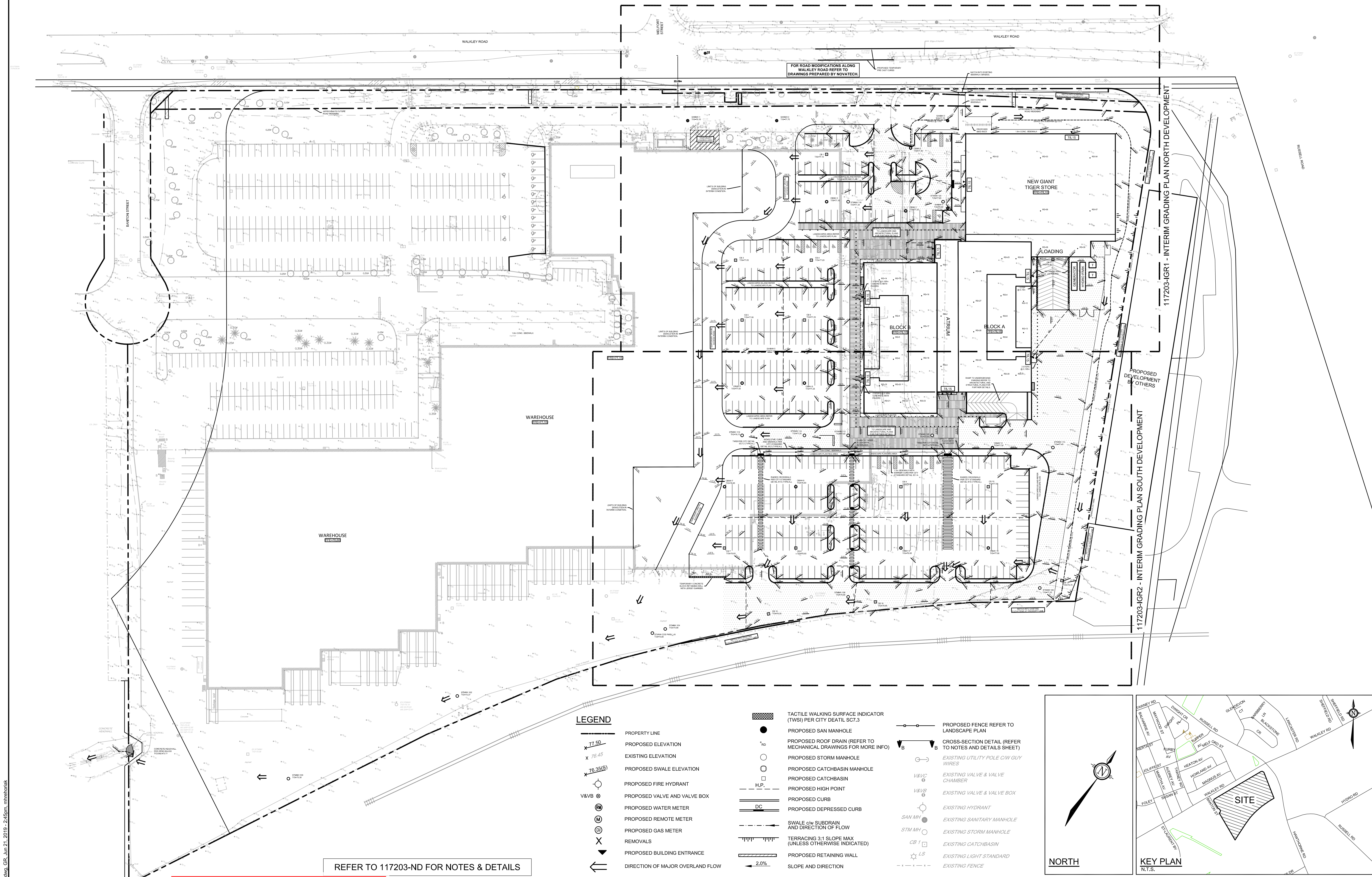
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Website www.novatech-eng.com

LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

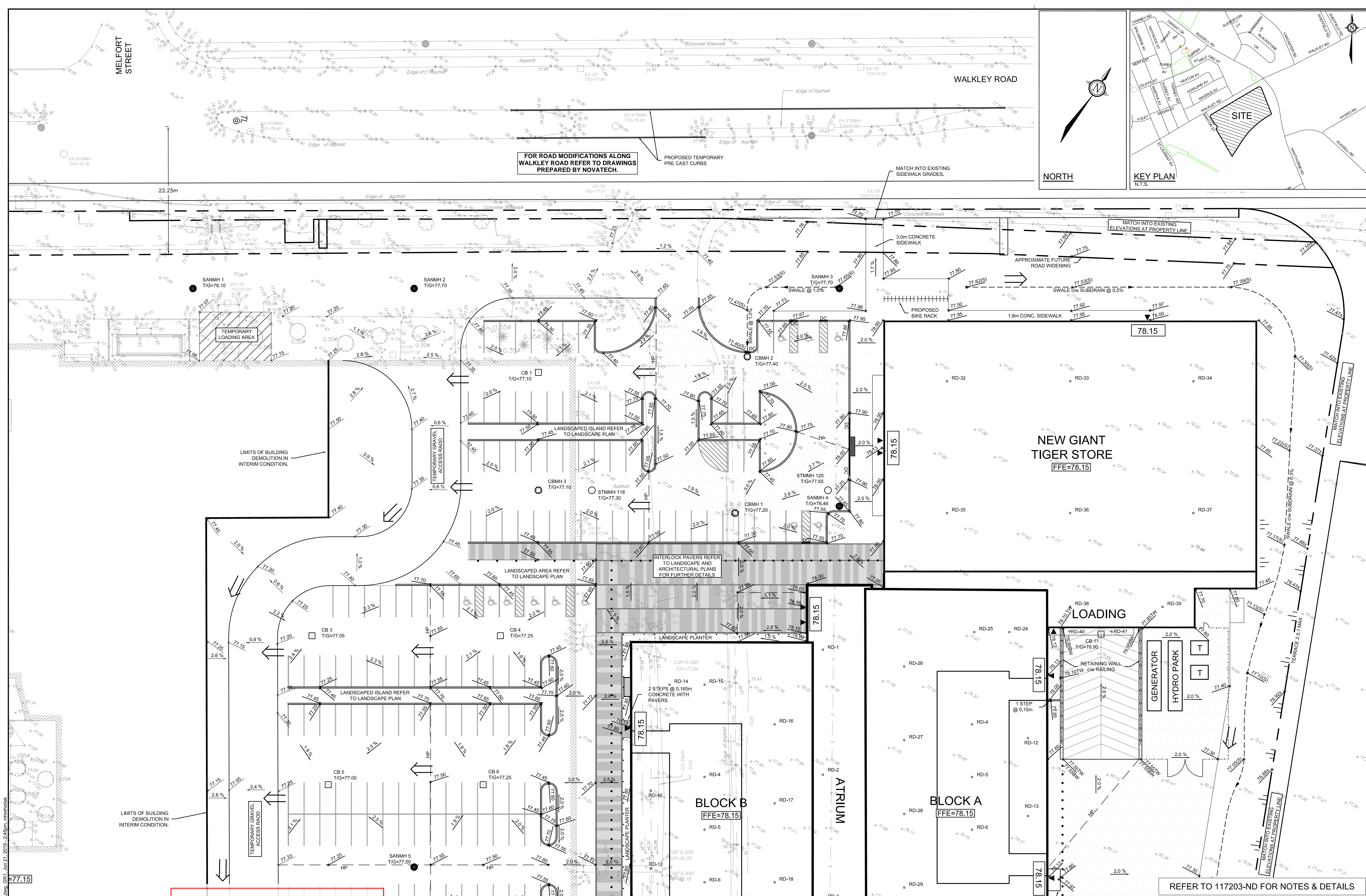
DRAWING NAME  
**INTERIM GRADING PLAN  
OVERALL DEVELOPMENT**

PROJECT NO.	117203
REV	REV # 5
DRAWING NO.	117203-IGR

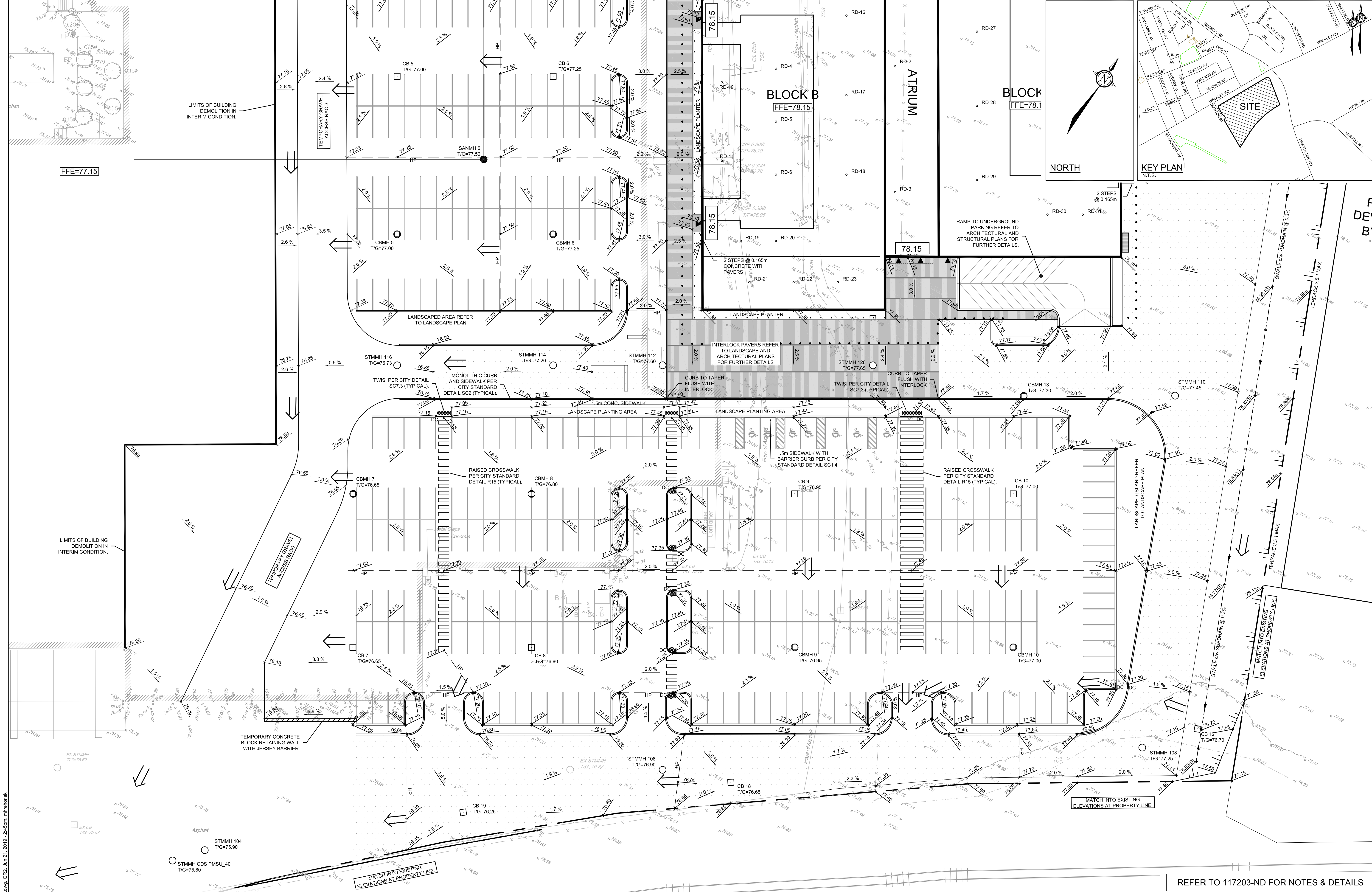
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**LILY XU, MCIP, RPP**  
**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH**  
**PLANNING, INFRASTRUCTURE & ECONOMIC**  
**DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By Lily Xu at 4:30 pm, Jul 24, 2019

No.	REVISION	DATE	BY
4.	REVISED PER CITY COMMENTS, ISSUED FOR BUILDING PERMIT, EXCAVATION & FOUNDATION PERMIT	JULY 12/19	CJR
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1.	ISSUED FOR SITE PLAN APPLICATION	JAN 18/19	CJR



SCALE

1:300

0 3 6 9 12

DESIGN	MJH
CHECKED	CJR
DRAWN	MJH
CHECKED	CJR
APPROVED	JLS

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Website www.novatech-eng.com

LOCATION 2480 WALKLEY ROAD, CITY OF OTTAWA GIANT TIGER HEAD OFFICE		PROJECT No. 117203
DRAWING NAME INTERIM GRADING PLAN SOUTH DEVELOPMENT		REV # 4
		DRAWING No. 117203-IGR2

REFER TO 117203-ND FOR NOTES & DETAILS

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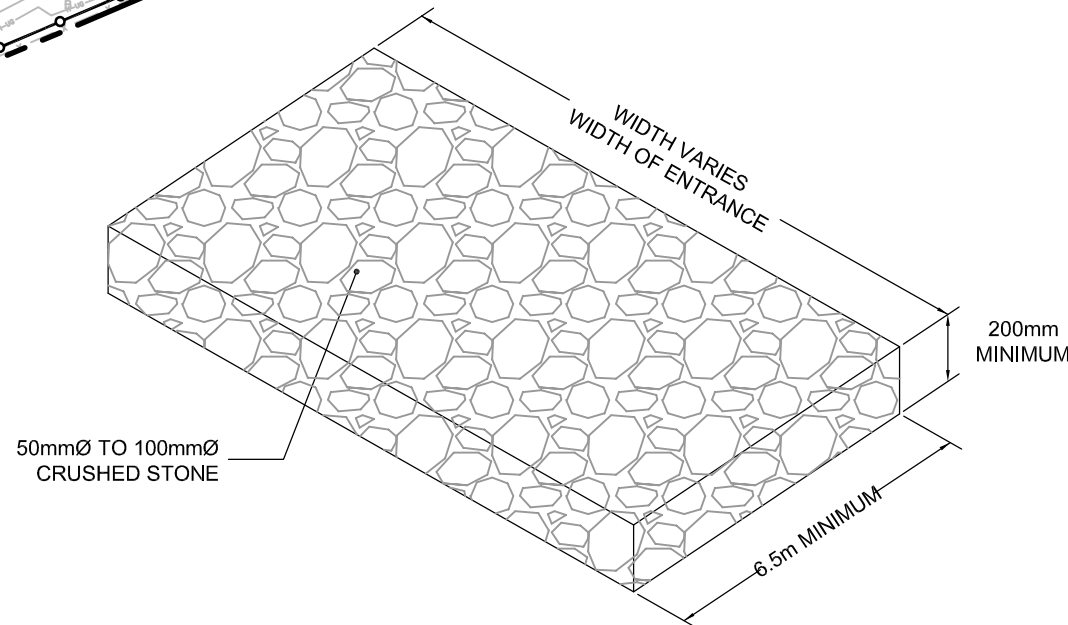
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**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH**  
**PLANNING, INFRASTRUCTURE & ECONOMIC**  
**DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By Lily Xu at 4:31 pm, Jul 24, 2019

**MUD MAT DETAIL**  
NOT TO SCALE

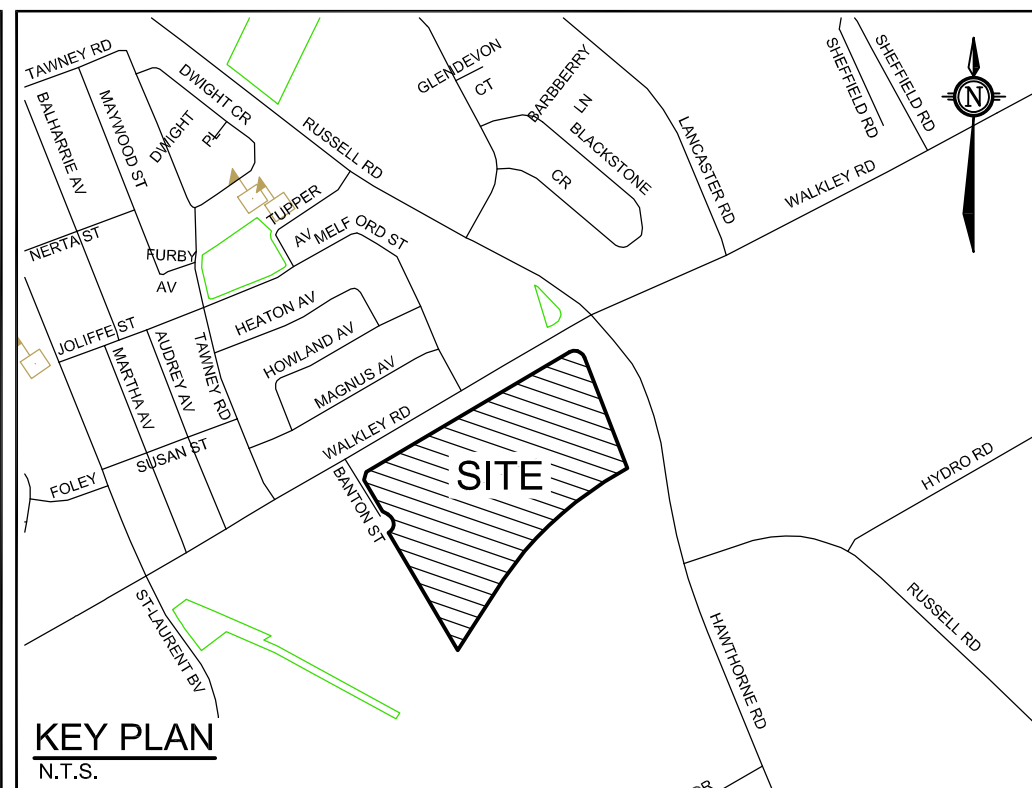
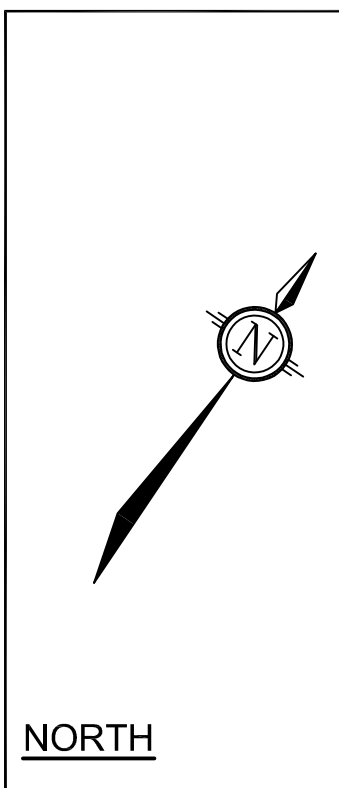


REFER TO 117203-ND FOR NOTES & DETAILS

#### LEGEND

- PROPERTY LINE
- PROPOSED SWALE
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- PROPOSED FILTER BAGS AT CATCHBASINS AND CATCHBASIN MANHOLES
- PROPOSED MUD MAT
- PROPOSED FENCE REFER TO LANDSCAPE PLAN
- LIGHT DUTY SILT FENCE (OPSD 219.110)
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED BUILDING ENTRANCE
- STRAWBALE CHECK DAM (OPSD 219.180)

- STM MH ○ EXISTING STORM MANHOLE
- CB □ EXISTING CATCHBASIN
- LS ☆ EXISTING LIGHT STANDARD
- — — EXISTING FENCE



SCALE

1:750

0 10 20 30

DESIGN

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CHECKED

CJR

DRAWN

MJH

CHECKED

CJR

APPROVED

JLS

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LOCATION  
2480 WALKLEY ROAD, CITY OF OTTAWA  
GIANT TIGER HEAD OFFICE

DRAWING NAME  
**EROSION SEDIMENT  
CONTROL PLAN**

PROJECT NO.

117203

REV

REV # 4

DRAWING NO.

117203-ESC

#12420

D07-12-19-0006