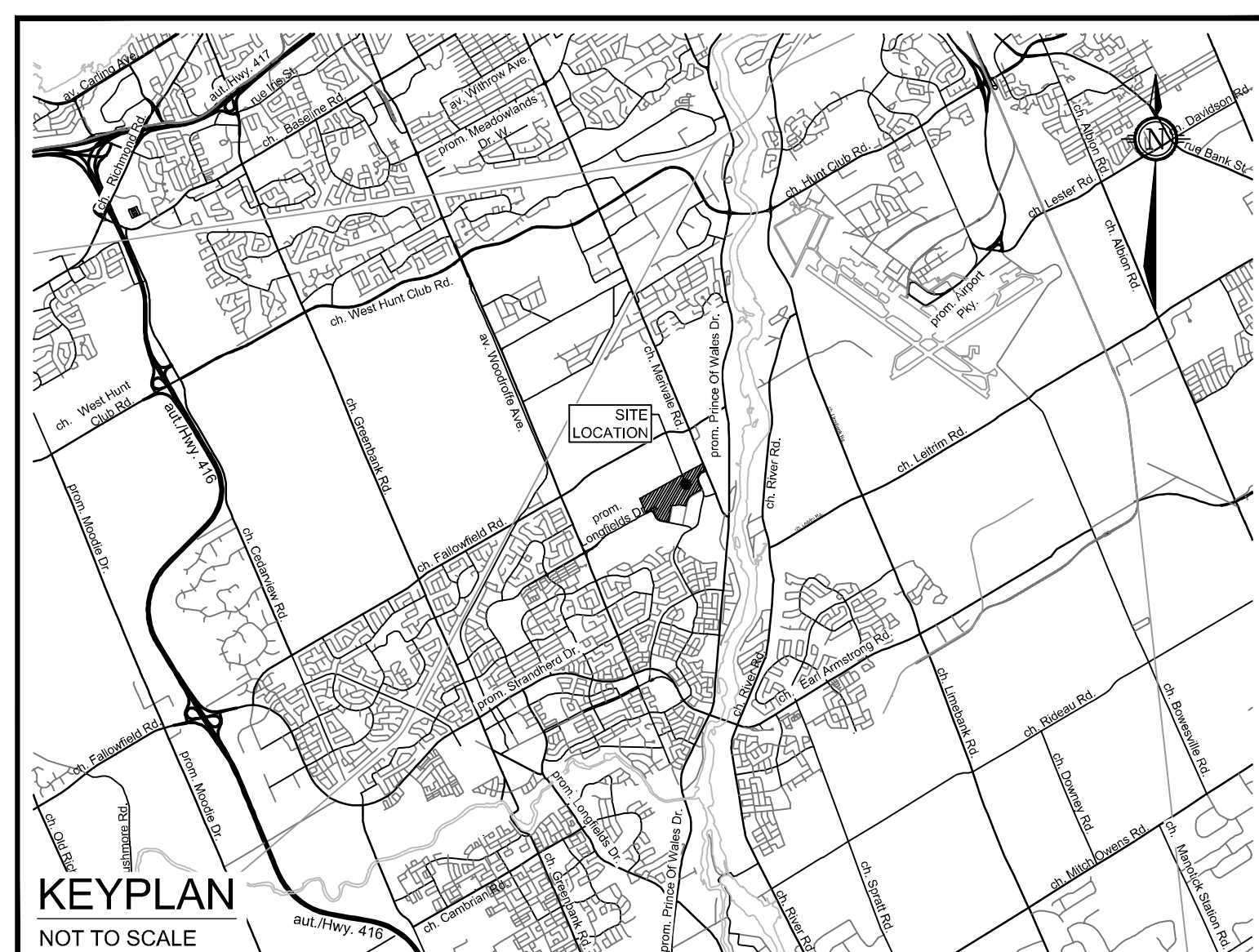


PROJECT X

99 BILL LEATHEM DR, 2 & 20 LEIKIN DR,
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

GKC
ARCHITECTS
100-1110 BAYVIEW AVE. SUITE 101 SCARBOROUGH, ONTARIO M1H 2C4

PROJECT No. 124123

REVISED PER CITY COMMENTS

INDEX
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124123-NDGP2 - NOTES AND DETAILS SERVICING
124123-NDGR - NOTES AND DETAILS GRADING
124123-NDPND - NOTES AND DETAILS PONDS
GENERAL PLAN OF SERVICES
124123-GPO - OVERALL
124123-GP1 - NORTH WESTERN QUADRANT
124123-GP2 - NORTH EASTERN QUADRANT
124123-GP3 - SOUTH EASTERN QUADRANT
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124123-GR5 - DETAILED GRADING
EROSION SEDIMENT CONTROL PLAN
124123-ESC - EROSION AND SEDIMENT CONTROL

PIPE CROSSING TABLE with columns: CROSSING, LOWER PIPE, HIGHER PIPE, CLEARANCE. Contains 100 rows of crossing data.

PIPE CROSSING TABLE with columns: CROSSING, LOWER PIPE, HIGHER PIPE, CLEARANCE. Contains 100 rows of crossing data.

PROPOSED WATERMAIN (250mmØ FIRE SERVICE) TABLE with columns: CROSSING, LOWER PIPE, HIGHER PIPE, CLEARANCE. Contains 100 rows of proposed watermain data.

PROPOSED WATERMAIN (250mmØ FIRE SERVICE) TABLE with columns: CHANGAGE, FINISHED GRADE, TOP OF WATERMAIN, COMMENT. Contains 100 rows of proposed watermain data.

PROPOSED WATERMAIN (300mmØ DOMESTIC SERVICE) TABLE with columns: CHANGAGE, FINISHED GRADE, TOP OF WATERMAIN, COMMENT. Contains 100 rows of proposed watermain data.

PROPOSED WATERMAIN (38mmØ PEX DOMESTIC SERVICE) TABLE with columns: CHANGAGE, FINISHED GRADE, TOP OF WATERMAIN, COMMENT. Contains 100 rows of proposed watermain data.

PROPOSED WATERMAIN (150mmØ DOMESTIC SERVICE) TABLE with columns: CHANGAGE, FINISHED GRADE, TOP OF WATERMAIN, COMMENT. Contains 100 rows of proposed watermain data.

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

SCALE table with columns: No., REVISION, DATE, BY. Contains 4 rows of revision information.

SCALE AS SHOWN

Table with columns: DESIGNED, CHECKED, DRAWN, REVISION, APPROVED. Contains 4 rows of design and approval information.

APPROVED By Lily Xu at 2:54 pm, Jan 23, 2025. Includes signature and name.

LILY XU, MCIP, RPP MANAGER, DEVELOPMENT REVIEW SOUTH PLANNING, DEVELOPMENT, AND BUILDING SERVICES DEPARTMENT, CITY OF OTTAWA



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

LOCATION: CITY OF OTTAWA, 99 BILL LEATHEM, 2 & 20 LEIKEN DRIVE. DRAWING NAME: NOTES AND DETAILS SERVICING. PROJECT No.: 124123. REV: # 4. DRAWING No.: 24123-NDGP2. PLAN # 19192.

GENERAL NOTES:

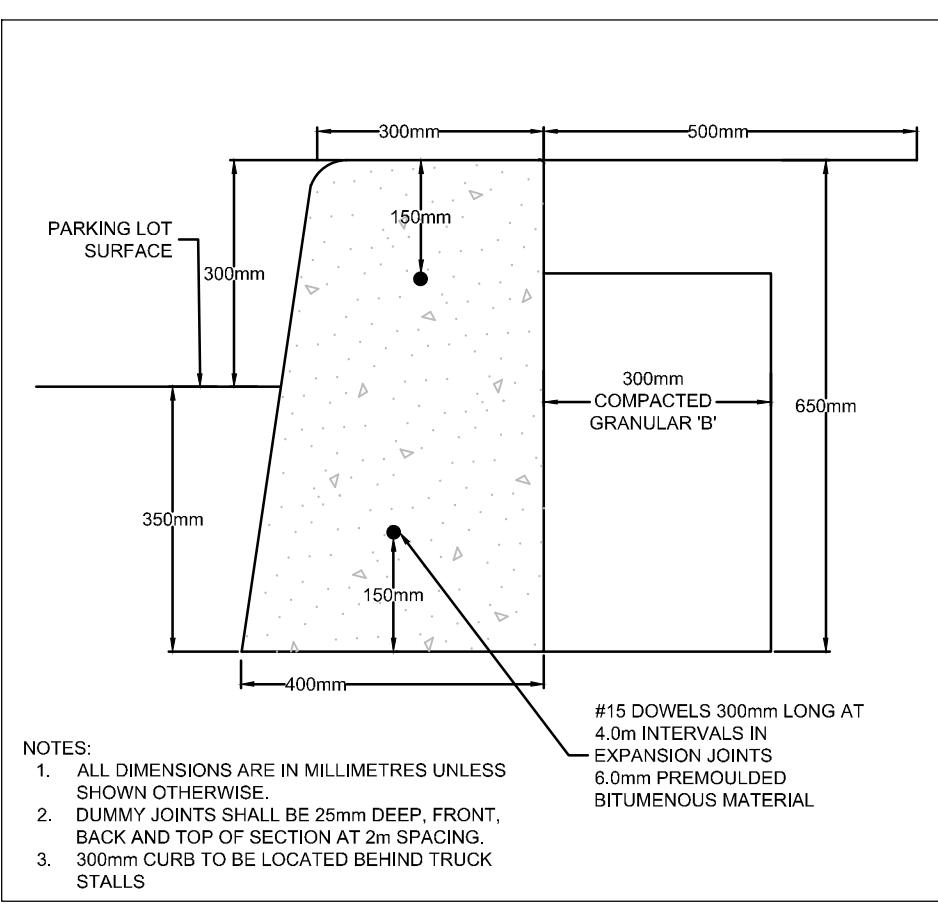
- 1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
2. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
3. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
4. BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$2,000,000.00.
5. RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF MUNICIPAL AUTHORITIES.
6. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER.
7. ALL ELEVATIONS ARE GEODETIC. THE SITE BENCHMARKS ARE THE FIRE HYDRANT TOP OF SPINDLE FOR 3 HYDRANTS WITHIN THE SUBP.
8. REFER TO GEOTECHNICAL INVESTIGATION REPORT NO. P65876-2 REV. 2, PROPOSED SORTATION FACILITY (DATED NOVEMBER 4, 2024) PREPARED BY PATERSON GROUP.
9. REFER TO ARCHITECTS AND LANDSCAPE ARCHITECTS DRAWINGS FOR BUILDING AND HARD SURFACE AREAS AND DIMENSIONS.
10. REFER TO THE SERVICING AND STORMWATER MANAGEMENT REPORT NO. R-2024-126, DATED DECEMBER 11, 2024 PREPARED BY NOVATECH.
11. SAW CUT AND KEYGRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10 AND R25).
12. TO AVOID DRAINING THE SURROUNDING CLAY DEPOSIT CLAY SEALS WILL BE REQUIRED WITHIN THE PROPOSED SEWER TRENCHES AS PER CITY OF OTTAWA DETAIL S8. THE SPACING SHALL BE AS INDICATED BY THE GEOTECHNICAL CONSULTANT.

GRADING NOTES:

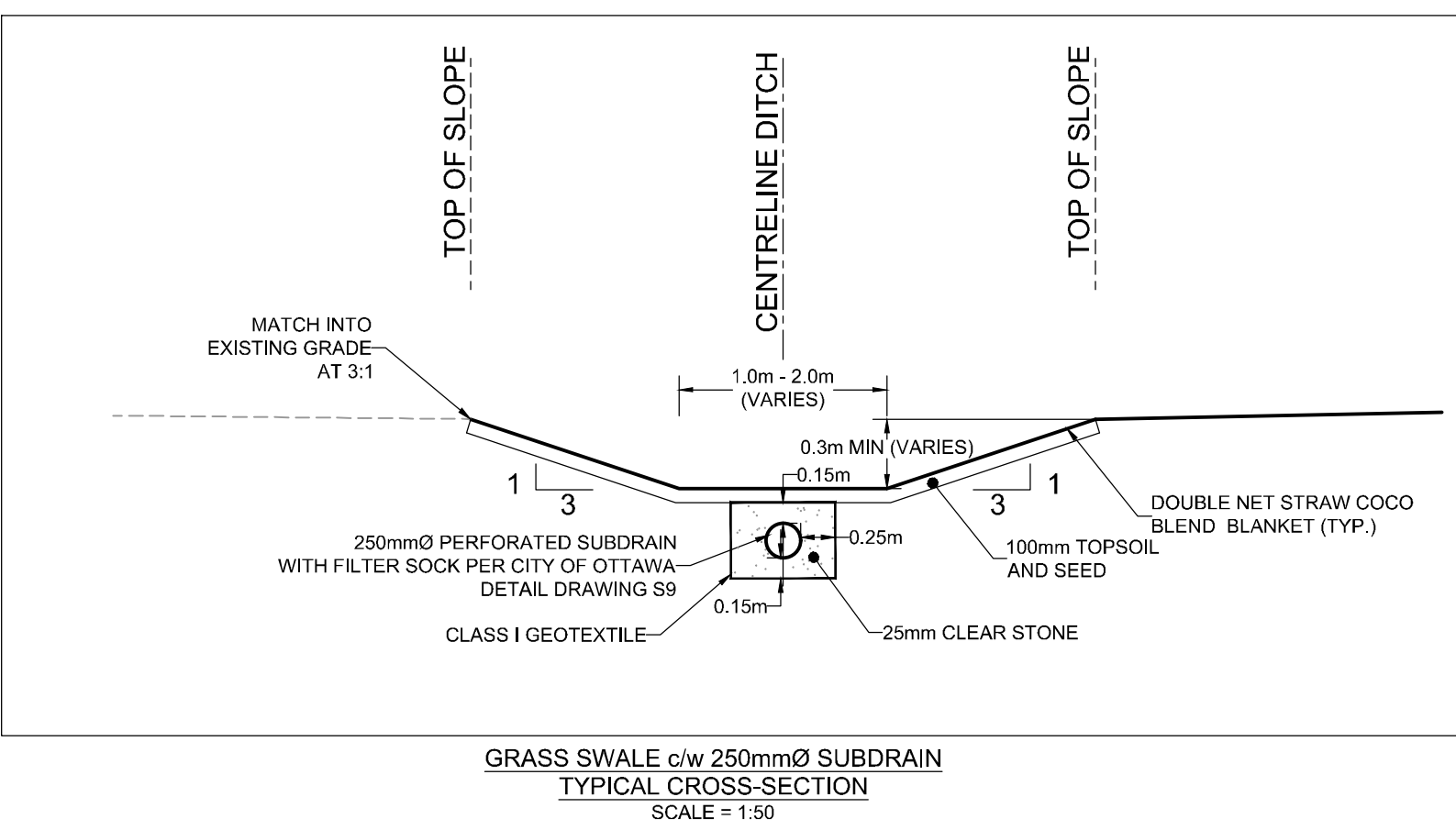
- 1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED BUILDING AND PAVED AREAS.
2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND ANY SOFT SPOTS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUBEXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS.
3. THE PAVEMENT GRANULAR BASE AND SUBBASE SHOULD BE PLACED IN MAXIMUM 300mm THICK LIFTS AND COMPACTED TO A MINIMUM OF 98% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
4. ALL CURBS AND SIDEWALKS TO BE BUILT AS PER CITY OF OTTAWA DETAIL DRAWINGS SC1.4 AND SC4.
5. GRADE AND/OR FILL BEHIND PROPOSED CURB AND BETWEEN BUILDINGS AND CURBS, WHERE REQUIRED TO PROVIDE POSITIVE DRAINAGE.
6. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
7. ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
8. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.
9. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING THE AS-BUILT ELEVATION OF EVERY DESIGN GRADE SHOWN ON THIS PLAN.

PAVEMENT STRUCTURES:

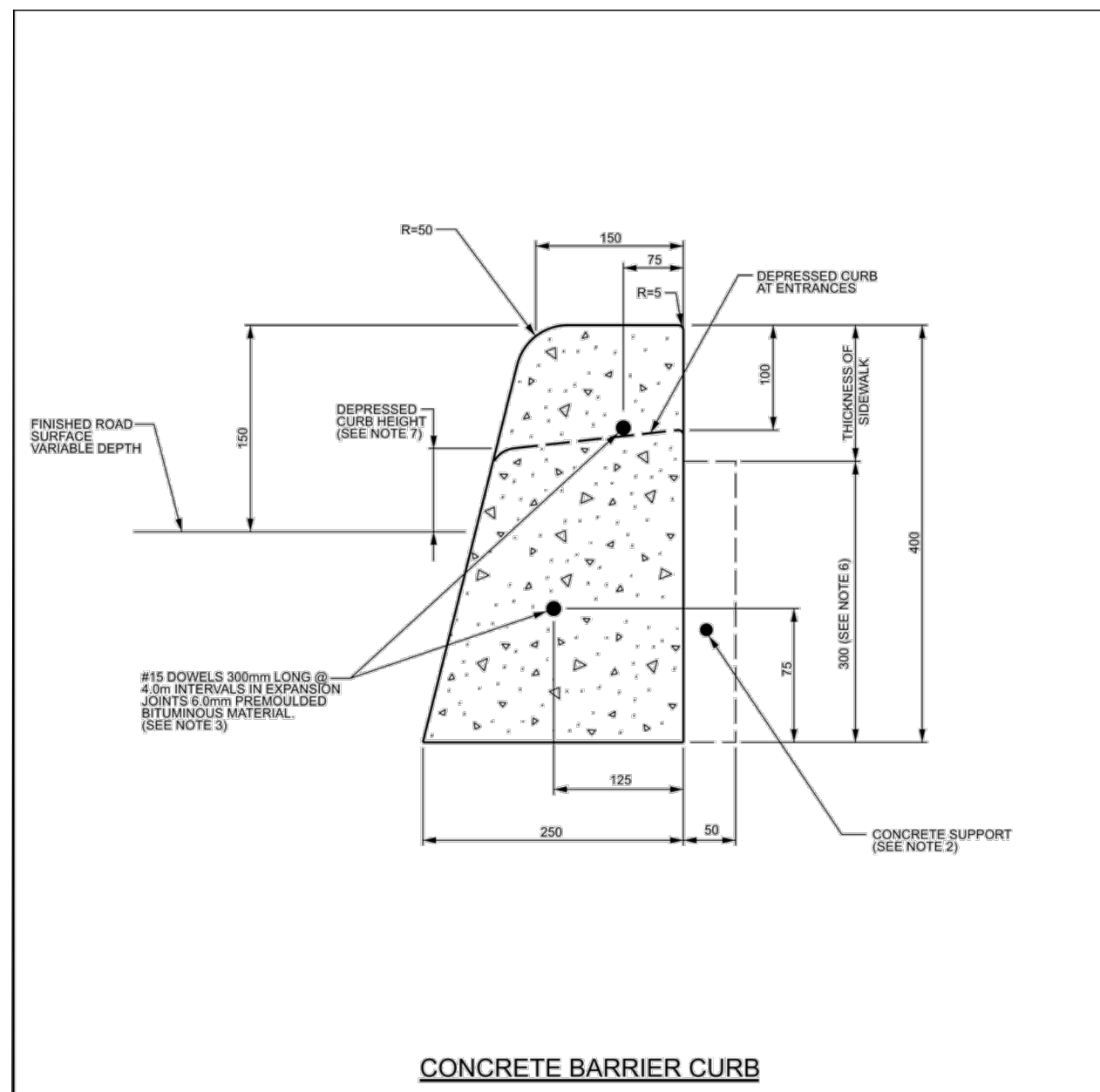
- LIGHT DUTY (CAR PARKING AREAS ONLY)
100mm H3 OR SUPERPAVE 12.5
150mm GRANULAR 'A'
450mm GRANULAR 'B' TYPE II
SEPARATION LAYER - GEOTEXTILE - WOVEN TERRAFIX 2000W OR APPROVED EQUIVALENT
HEAVY DUTY (ACCESS LANES AND HEAVY TRUCK PARKING)
40mm OPS5 H3 OR SUPERPAVE 12.5
50mm OPS5 H3 OR SUPERPAVE 19.0
50mm OPS5 H3 OR SUPERPAVE 19.0
150mm GRANULAR 'A'
550mm GRANULAR 'B' TYPE II
SEPARATION LAYER - GEOTEXTILE - WOVEN TERRAFIX 2000W OR APPROVED EQUIVALENT
CONCRETE APRONS
REINFORCED CONCRETE (THICKNESS SPECIFIED BY OTHERS)
150mm GRANULAR 'A'
600mm GRANULAR 'B' TYPE II
100mm H-40 RIGID INSULATION



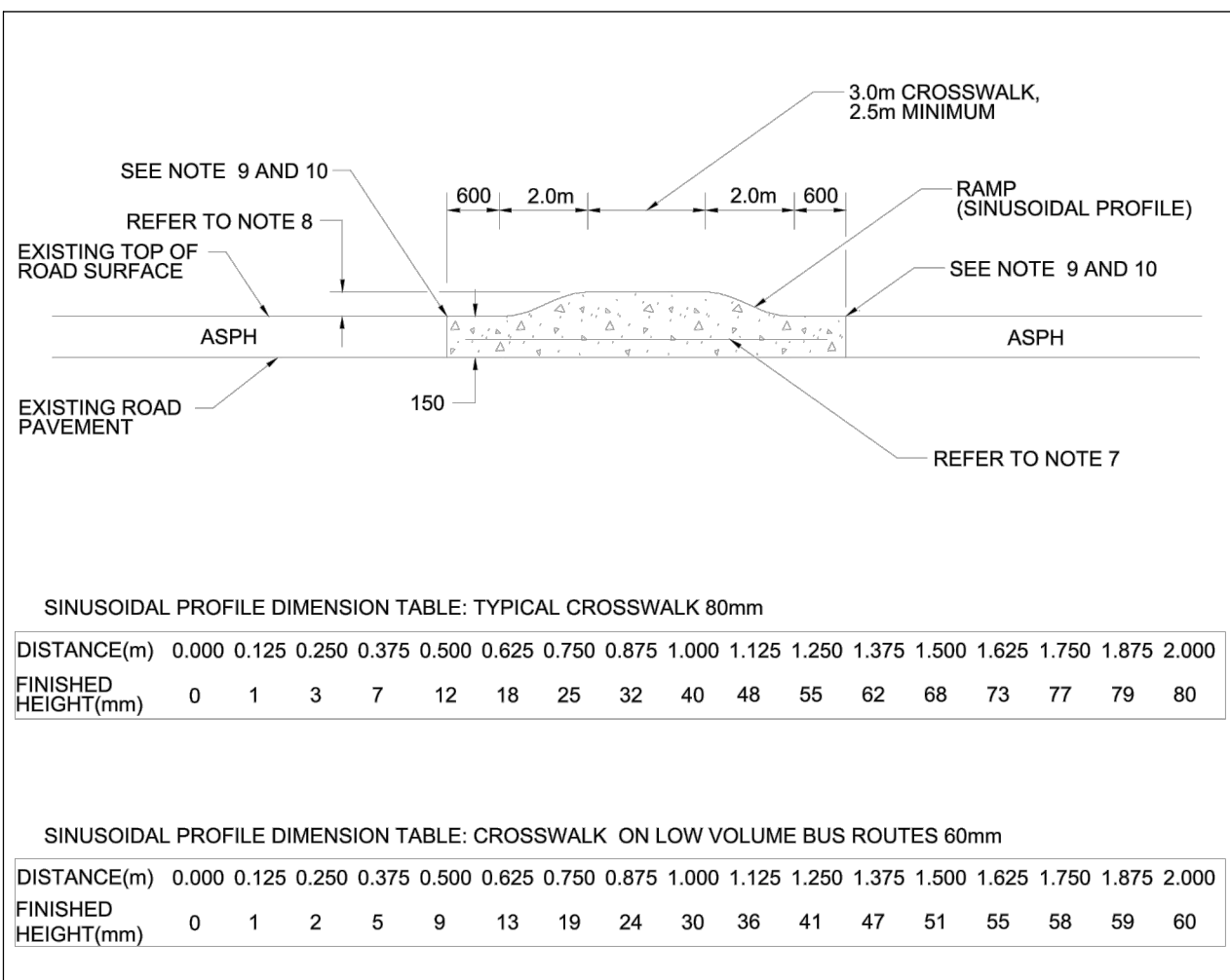
300mm CONCRETE BARRIER CURB DETAIL SCALE = N.T.S.



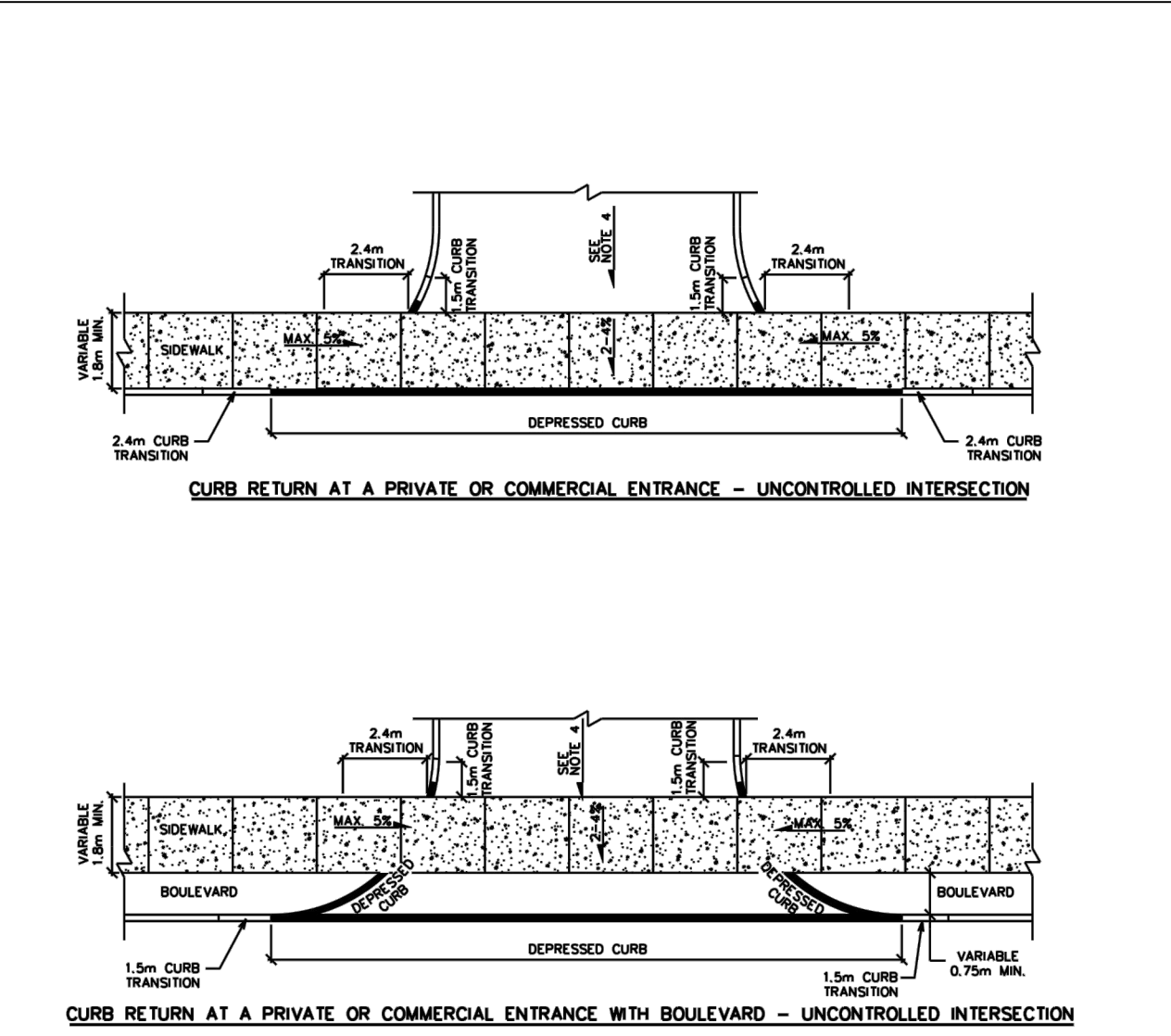
GRASS SWALE c/w 250mm SUBDRAIN TYPICAL CROSS-SECTION SCALE = 1:30



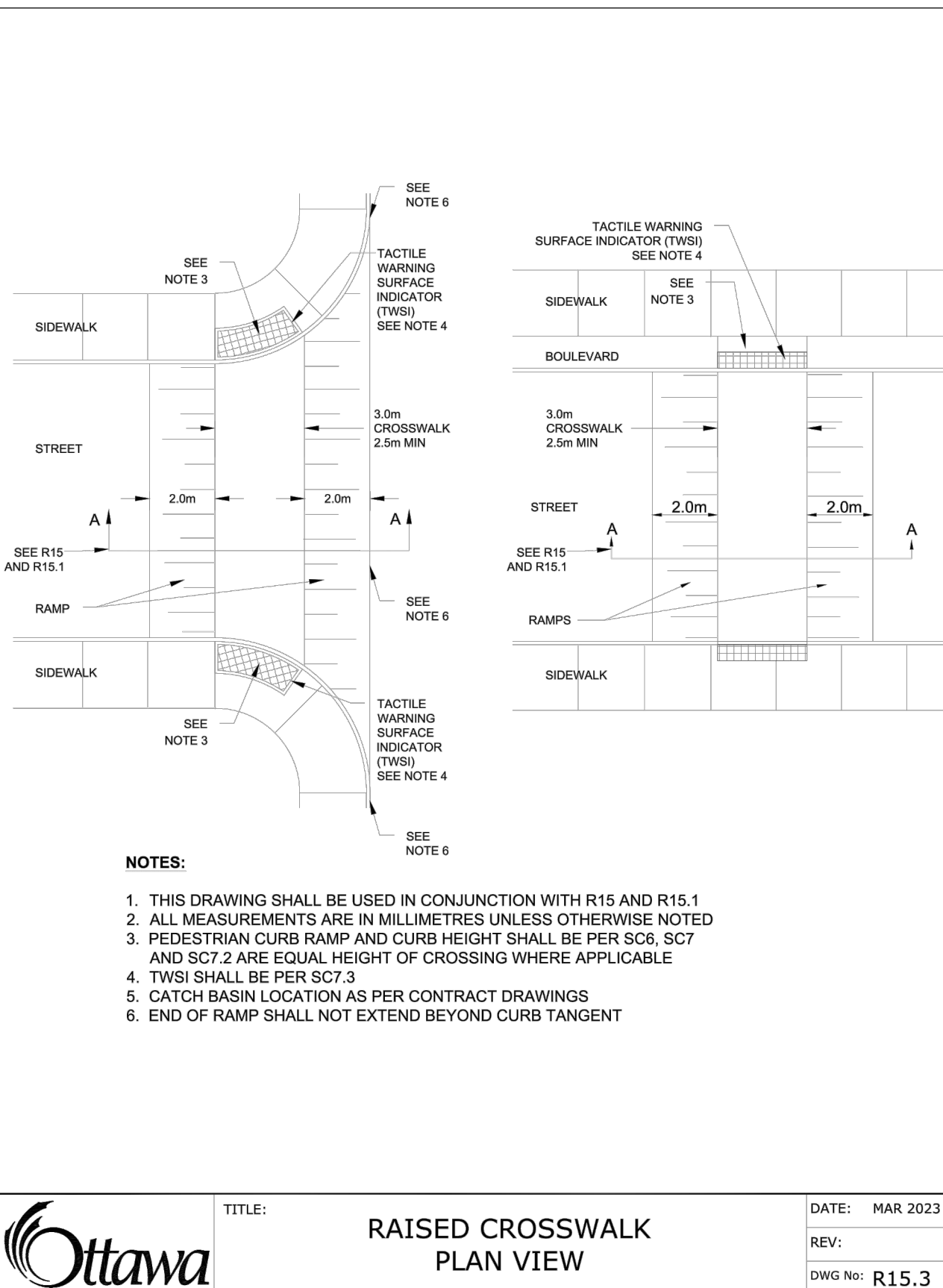
CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110) DATE: JANUARY 2003 REV. DATE: MARCH 2021 DWG. No.: SC1.1



CONCRETE RAISED CROSSWALK DATE: MAY 2001 REV. DATE: MAR 2023 DWG No: R15

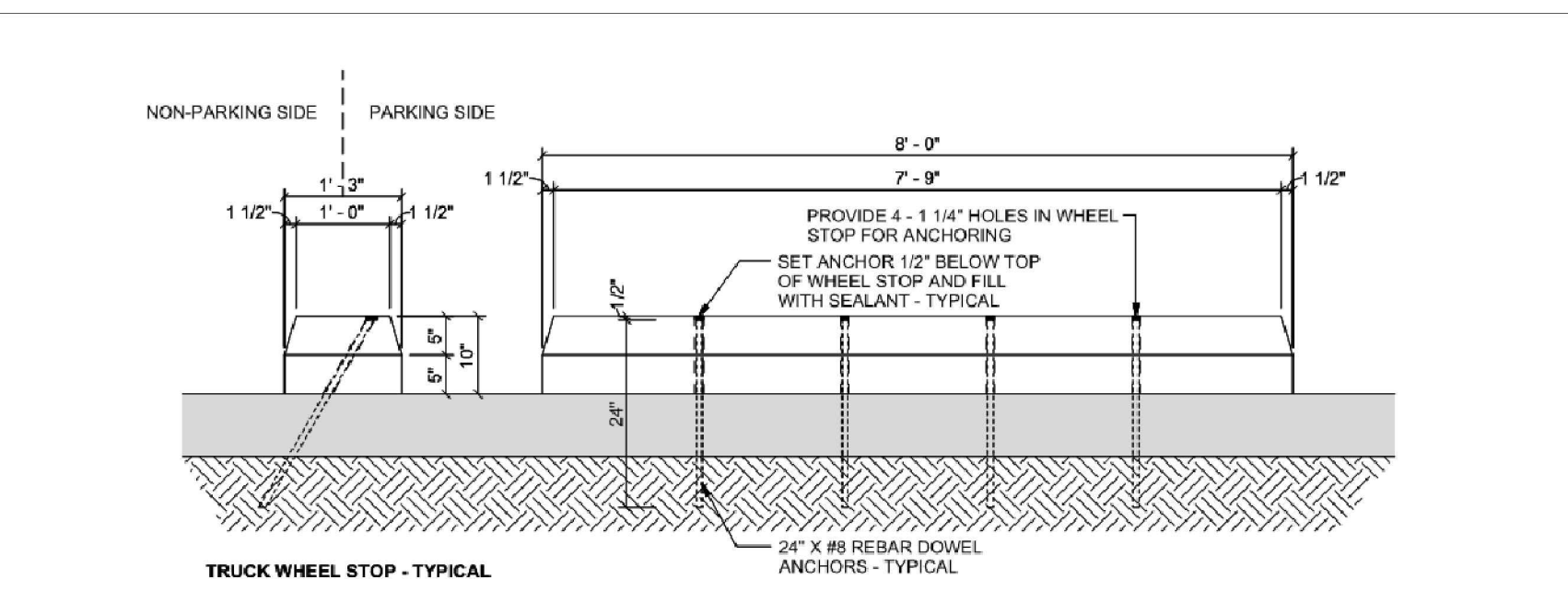


CURB RETURN ENTRANCES - UNCONTROLLED INTERSECTIONS DATE: MARCH 2007 REV. DATE: MARCH 2021 DWG. No.: SC7.1

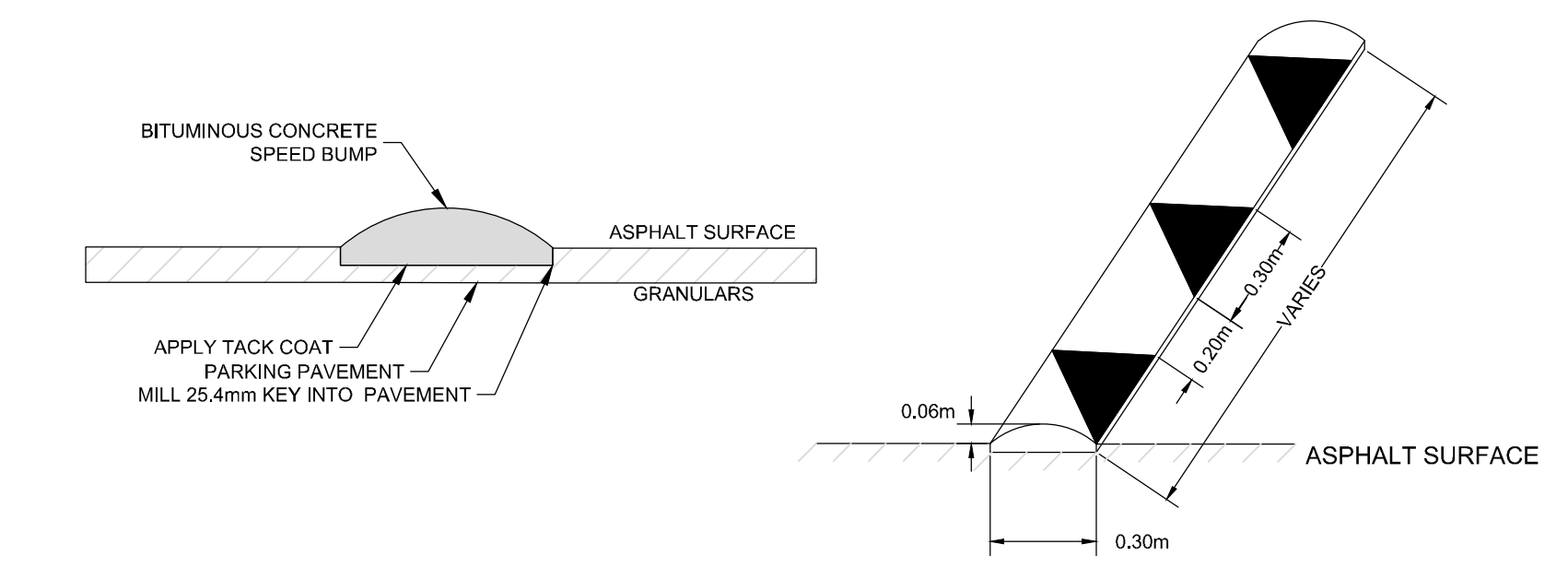


RAISED CROSSWALK PLAN VIEW DATE: MAR 2023 REV. DATE: MAR 2023 DWG No: R15.3

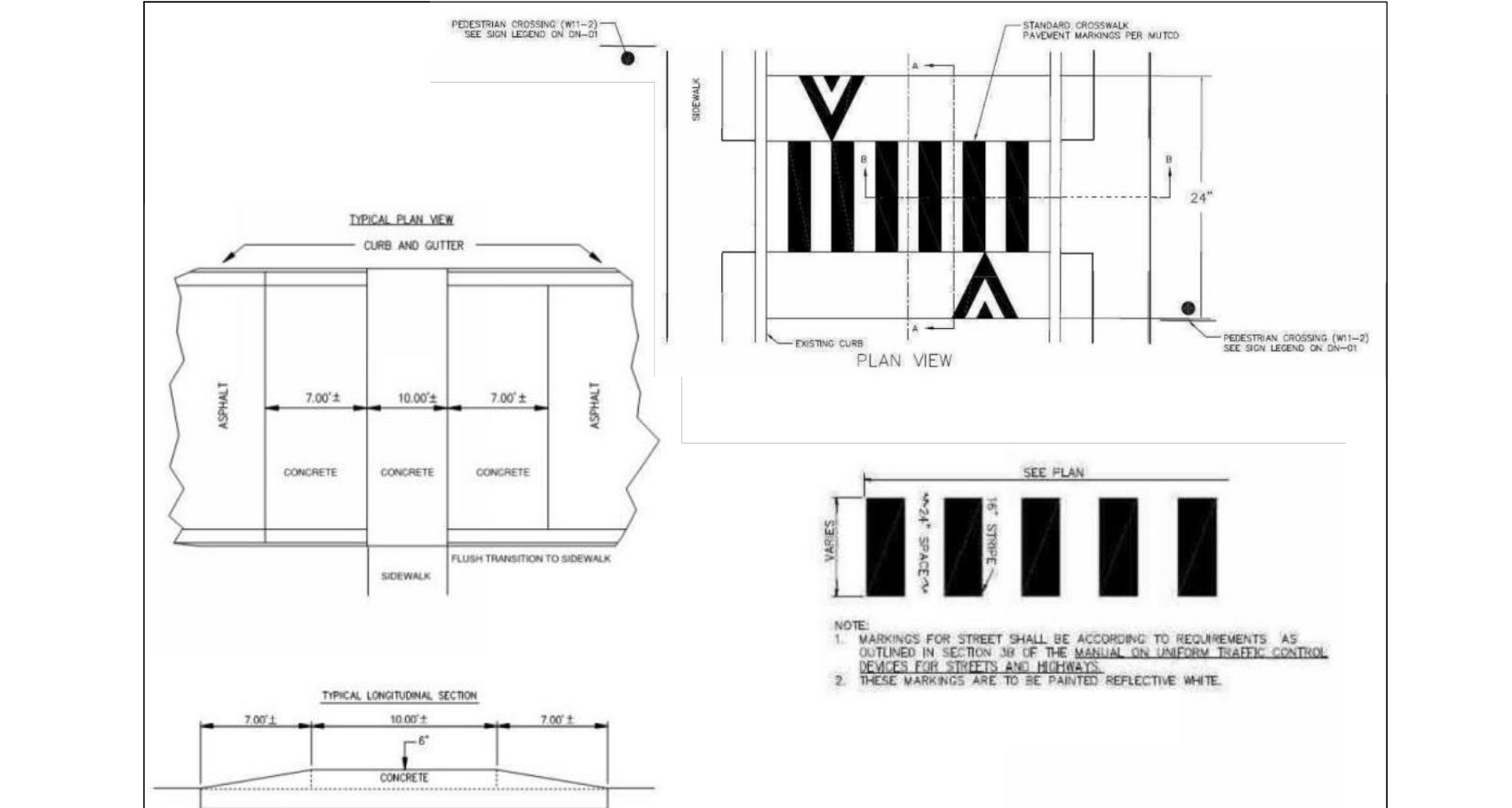
APPROVED By Lily Xu at 2:55 pm, Jan 23, 2025. Includes signature of Lily Xu, MCIP, RPP, Manager, Development Review South Planning, Development, and Building Services Department, City of Ottawa.



CONCRETE TRUCK WHEEL STOP



BITUMINOUS CONCRETE SPEED BUMP



CONCRETE RAISED PEDESTRIAN CROSSWALK DETAILS SCALE = N.T.S.

NOT FOR CONSTRUCTION

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Table with columns: No., REVISION, DATE, BY. Contains revision history for the drawing.

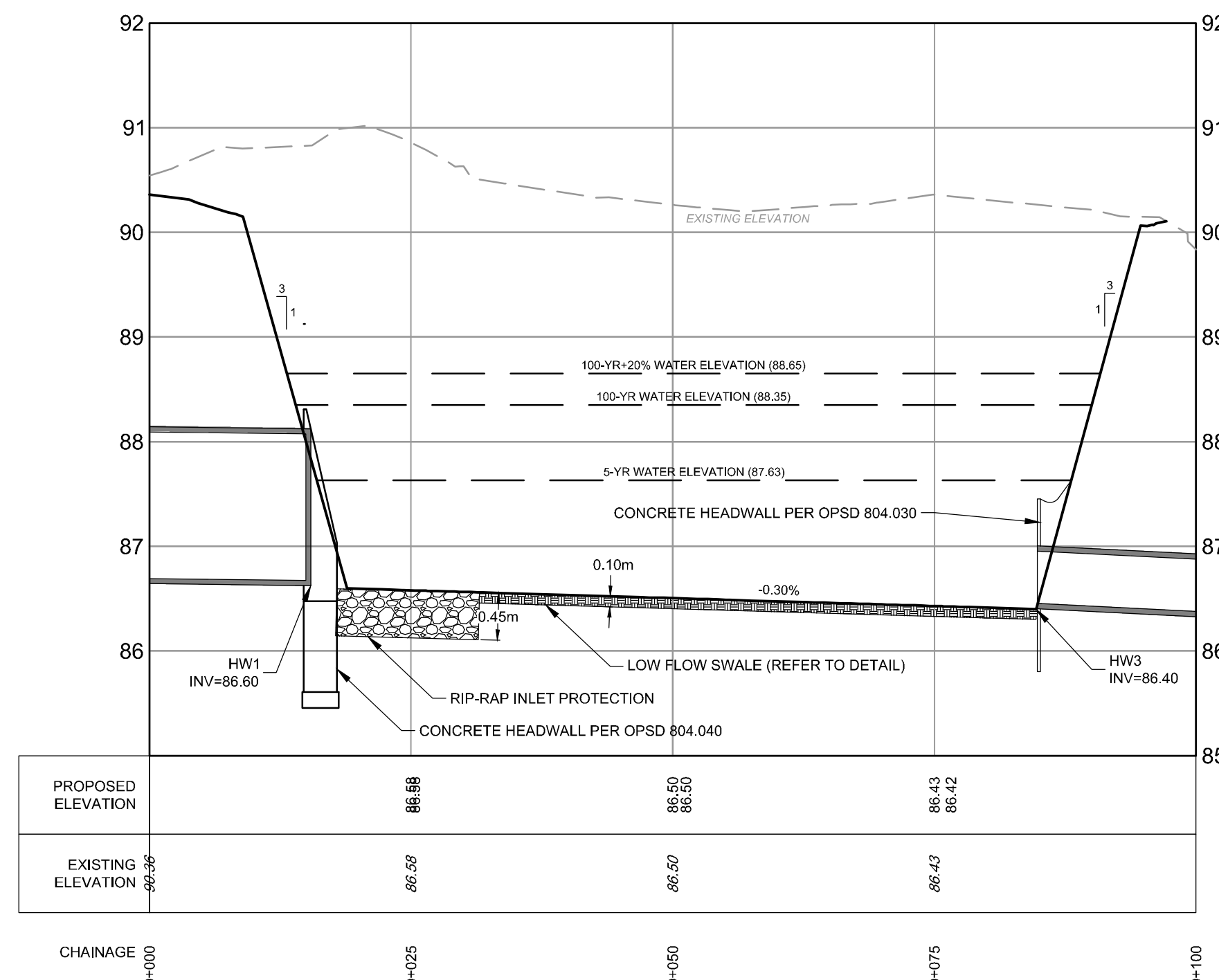
Table with columns: SCALE, DESIGN, CHECKED, DRAWN. Lists project personnel and their roles.

Professional Engineer logo for M.J. Hrehorik, 1021256, Dec 11/24, Province of Ontario. Includes contact information for NOVATECH and project details for City of Ottawa.

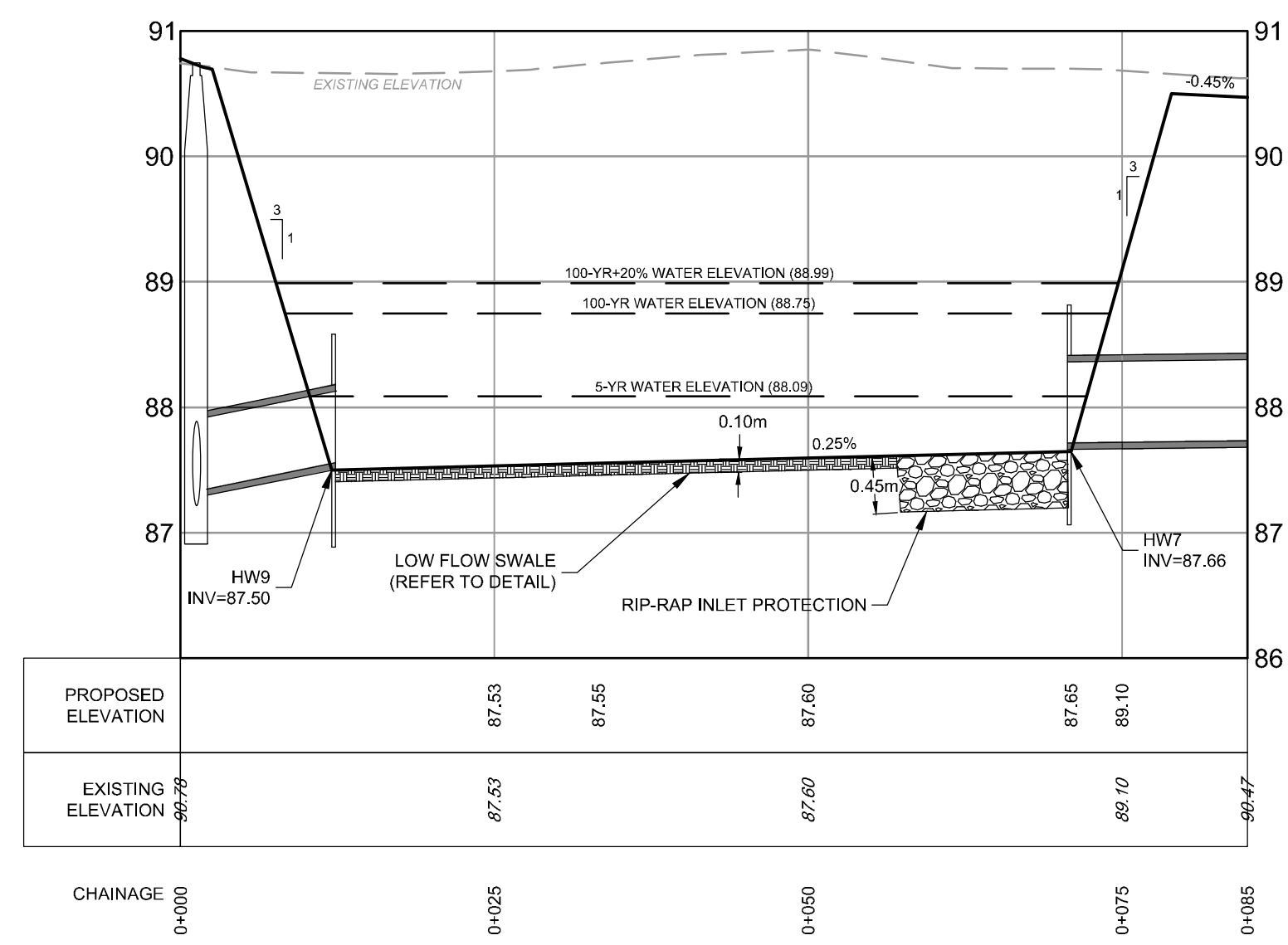
D07-12-24-0139

APPROVED
By Lily Xu at 2:55 pm, Jan 23, 2025

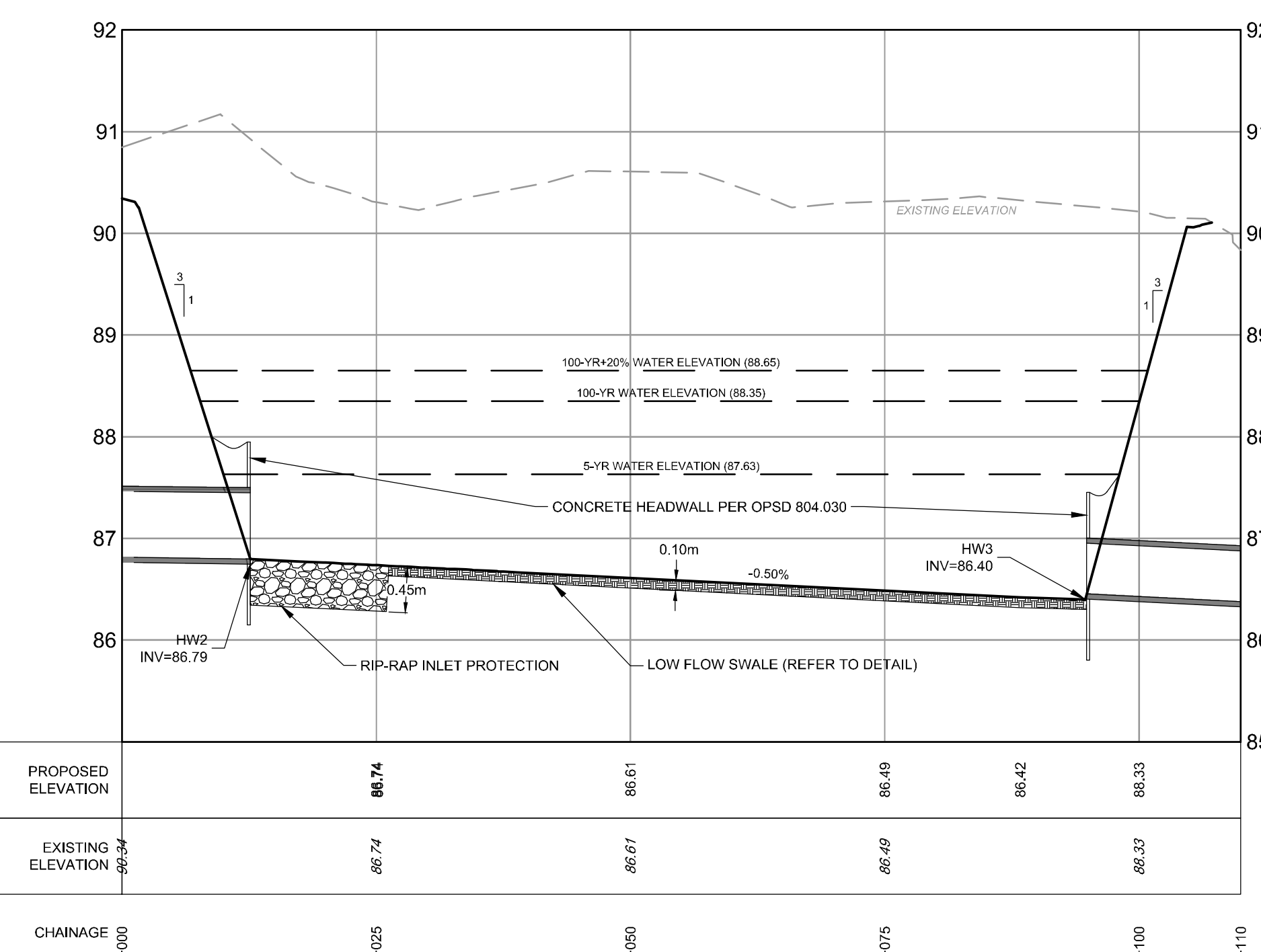
Lily Xu
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA



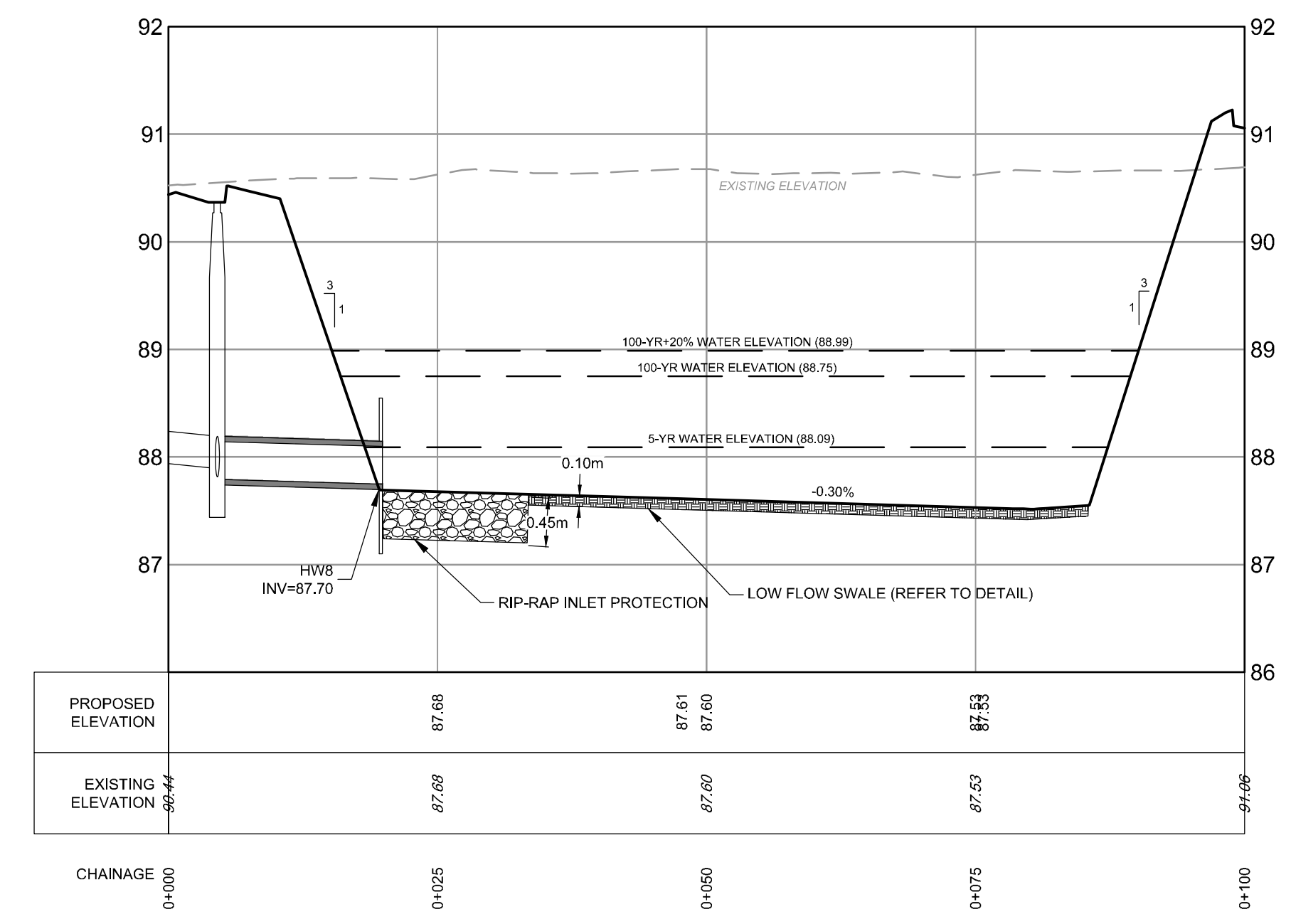
DRY POND A CROSS SECTION DETAIL A-A
SCALE: 1:500 HORIZONTAL
1:50 VERTICAL



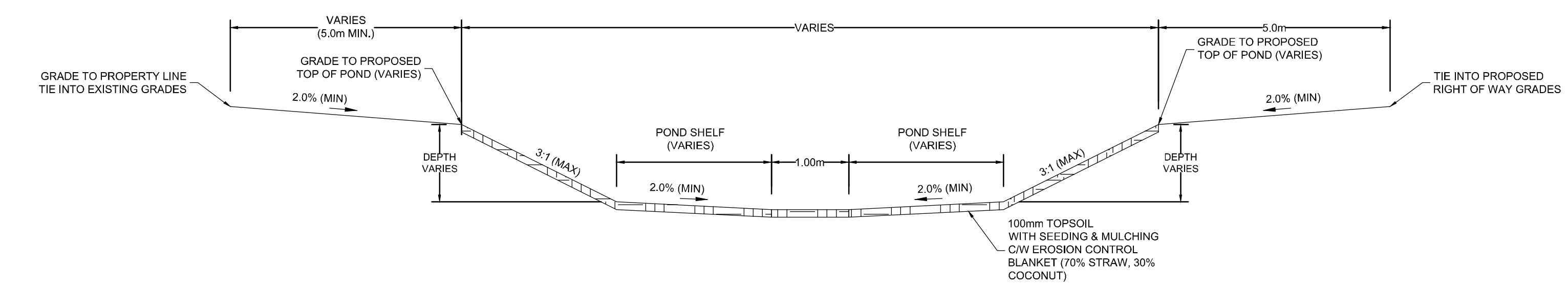
DRY POND C CROSS SECTION DETAIL A-A
SCALE: 1:500 HORIZONTAL
1:50 VERTICAL



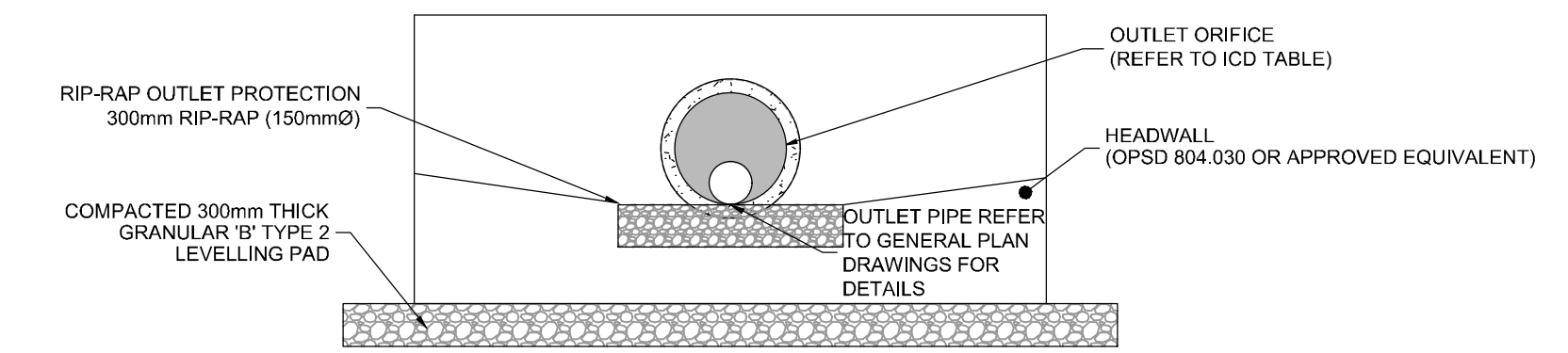
DRY POND A CROSS SECTION DETAIL B-B
SCALE: 1:500 HORIZONTAL
1:50 VERTICAL



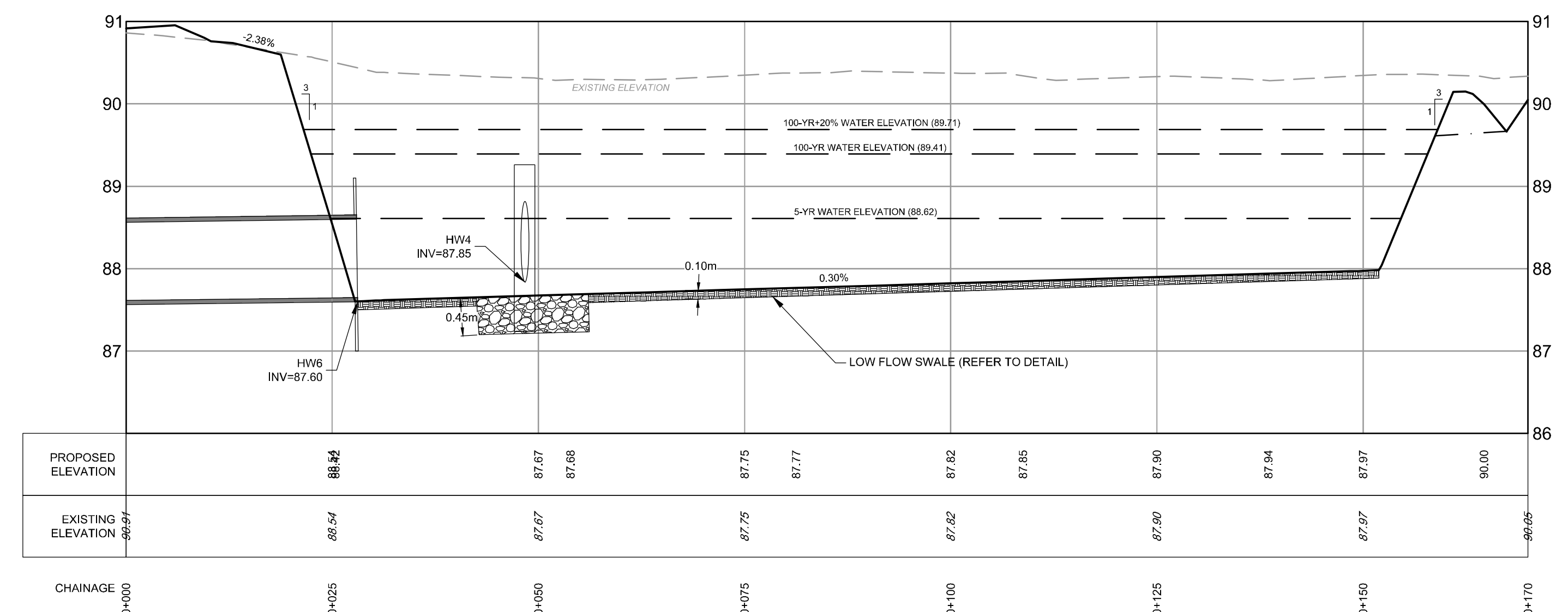
DRY POND C CROSS SECTION DETAIL B-B
SCALE: 1:500 HORIZONTAL
1:50 VERTICAL



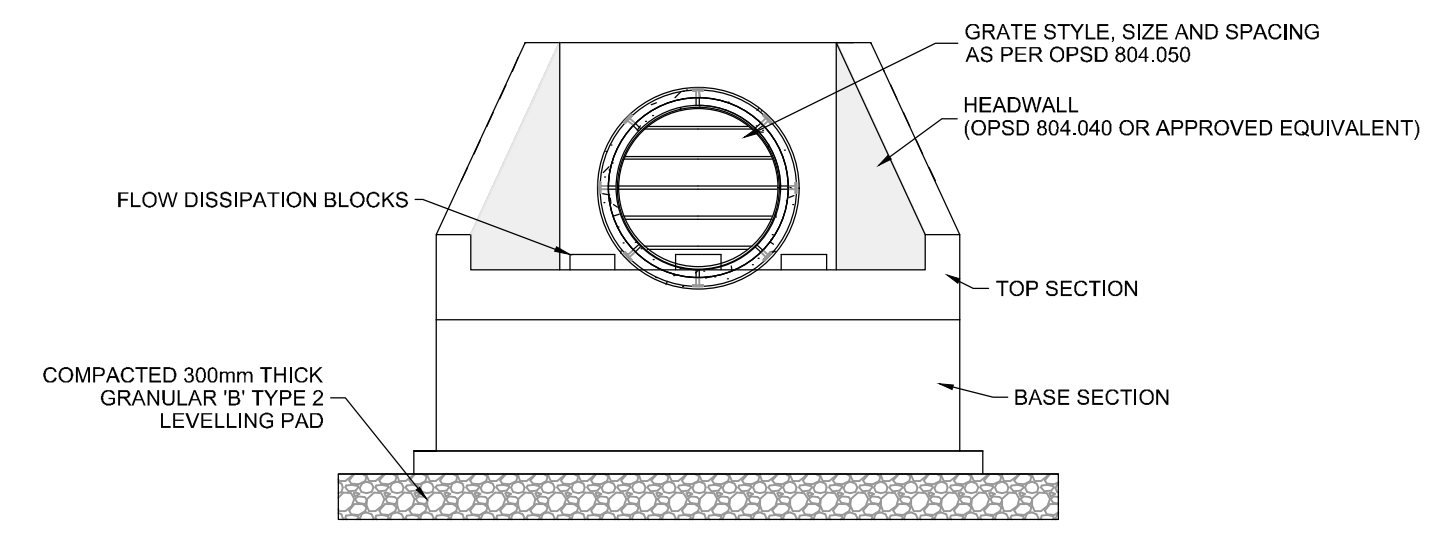
TYPICAL LOW FLOW SWALE
SCALE: N.T.S.



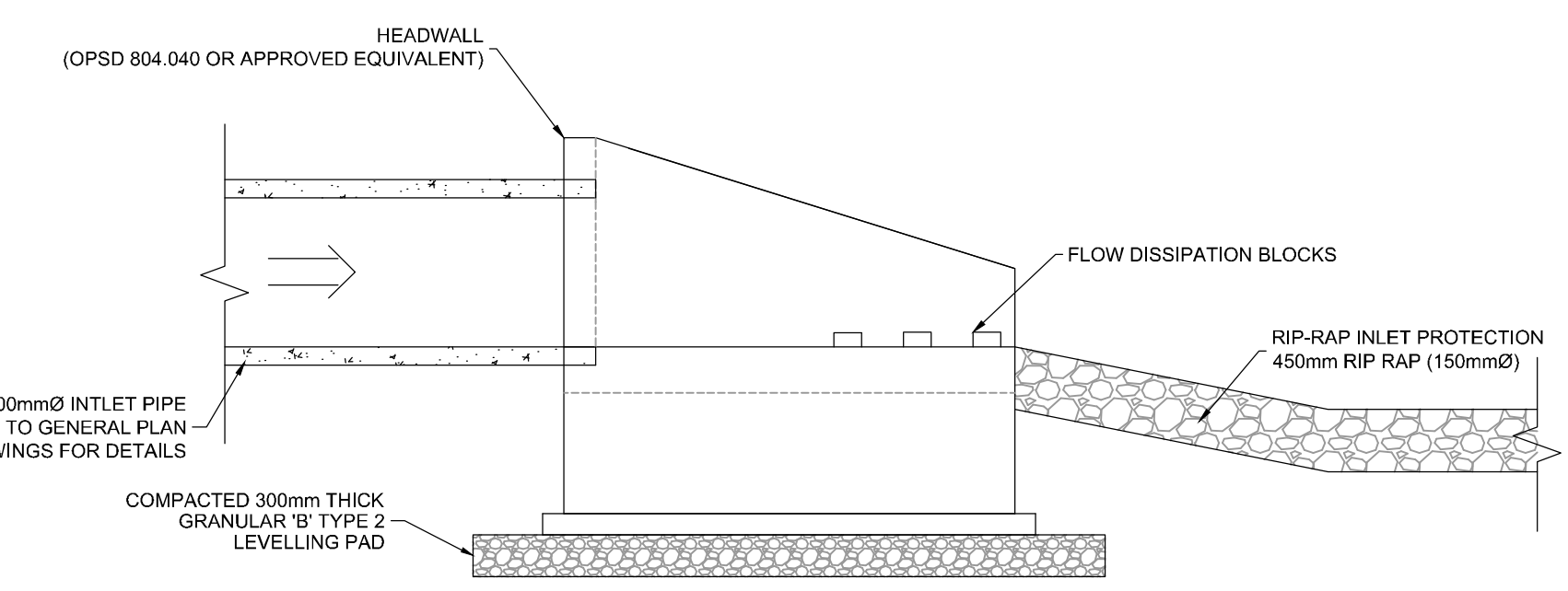
TYPICAL POND INLET/OUTLET HEADWALL DETAIL
SCALE: N.T.S.



DRY POND B CROSS SECTION DETAIL
SCALE: 1:500 HORIZONTAL
1:50 VERTICAL



POND INLET HEADWALL (HW1) DETAIL - ELEVATION
SCALE: N.T.S.



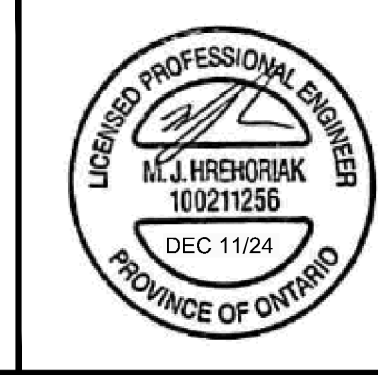
POND INLET HEADWALL DETAIL (HW1) - ELEVATION
SCALE: N.T.S.

NOTE:
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CONSTRUCTION**

No.	REVISION	DATE	BY
4	REVISED PER CITY COMMENTS	DEC 11/24	MJH
3	ISSUED FOR RFP TENDER SET (60%)	NOV 21/24	MJH
2	PHASE 1 PERMIT EXCAVATION, FOUNDATION AND DEEP UNDERGROUND	NOV 21/24	MJH
1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH

SCALE	DESIGN	CHECKED	DRAWN	APPROVED
AS SHOWN	MJH / LSC	MJH	LSC	MJH



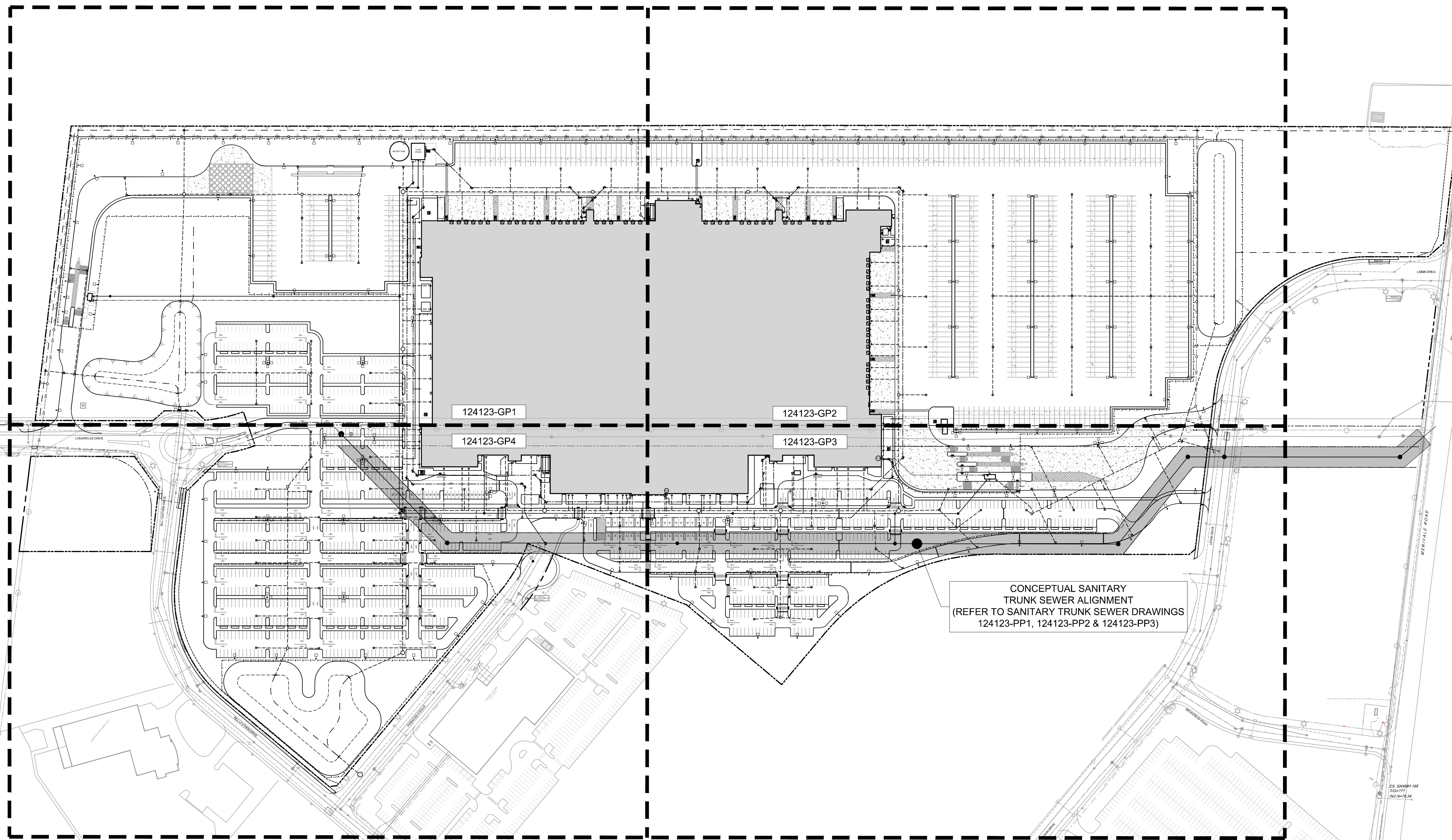
NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone: (613) 254-9643
Facsimile: (613) 254-5867
Website: www.novatech-eng.com

LOCATION
CITY OF OTTAWA
99 BILL LEATHEM, 2 & 20 LEIKEN DRIVE
DRAWING NAME
NOTES AND DETAILS PONDS

PROJECT No.	REV	REV #	DRAWING No.
124123		4	124123-NDPND

APPROVED
By Lily Xu at 2:55 pm, Jan 23, 2025

Lily Xu
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

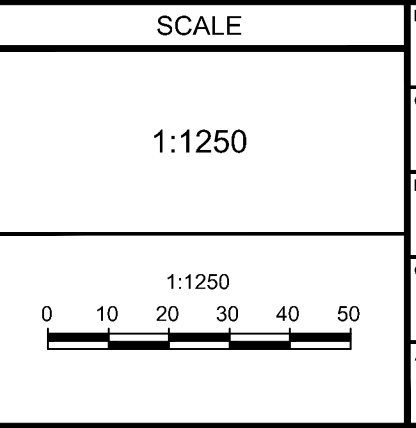


C:\Users\lilyxu\OneDrive\Documents\124123-GPO.dwg GPO Dec 11, 2024 - 5:10pm mjh/mjh

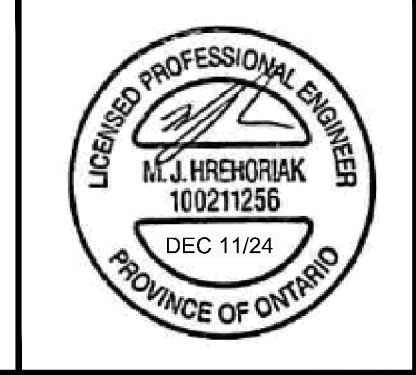
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2	PHASE 1 PERMIT EXCAVATION, FOUNDATION AND DEEP UNDERGROUND	NOV 21/24	MJH
1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH



DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH



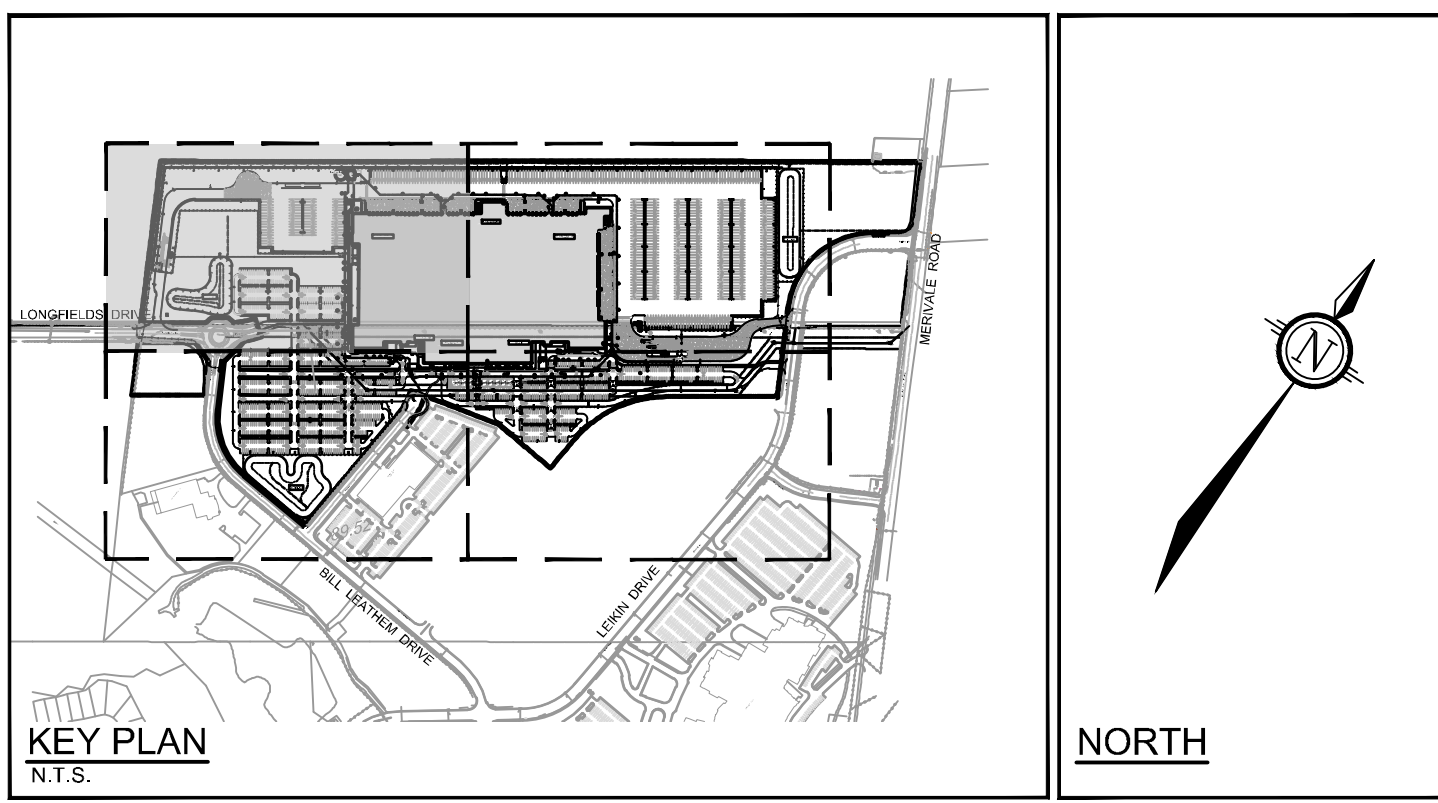
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LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE

DRAWING NAME
GENERAL PLAN OF SERVICES OVERALL

PROJECT No.	124123
REV	REV # 4
DRAWING No.	124123-GPO

D07-12-24-0139



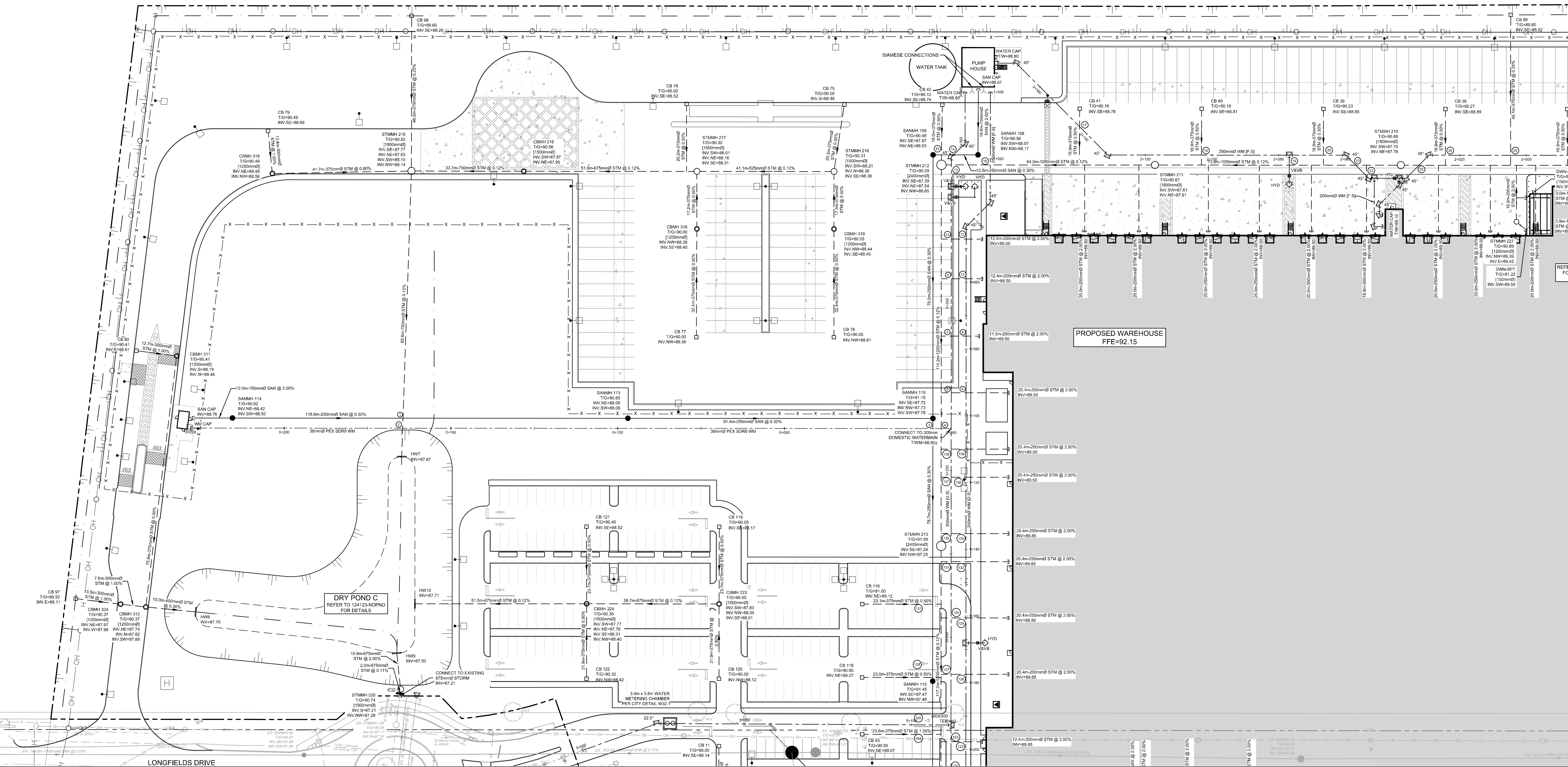
- LEGEND**
- PROPERTY LINE
 - PROPOSED CURB
 - DC PROPOSED DEPRESSED CURB
 - FC PROPOSED FLUSH CURB
 - PROPOSED ASPHALT PATHWAY
 - PROPOSED CONCRETE TRUCK WHEEL STOP
 - PROPOSED BITUMINOUS CONCRETE SPEED BUMP
 - PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
 - TACTILE WALKING SURFACE INDICATOR (TWS) PER CITY DETAIL SCT.3
 - PROPOSED SANITARY SERVICE c/w MANHOLE
 - PROPOSED STORM SEWER AND MANHOLE
 - PROPOSED BOX MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED DOWNSPOUT CONNECTION (REFER TO DETAIL DWG. 124123-NDGP)
 - PROPOSED HEADWALL (OPSD 804.040) C/W GALVANIZED RAILING
 - PROPOSED INLET CONTROL DEVICE
 - PROPOSED REMOTE WATER METER
 - PROPOSED WATER METER
 - PROPOSED SIAMISE CONNECTION
 - PROPOSED WATER SERVICE
 - PROPOSED WATER METER CHAMBER
 - PROPOSED HYDRANT c/w LEAD & VALVE
 - PROPOSED VALVE AND VALVE BOX
 - PROPOSED POST INDICATOR VALVE
 - PROPOSED BUILDING ENTRANCE
 - DIRECTION OF FLOW
 - PROPOSED CHAIN LINK FENCE (REFER TO LANDSCAPE)
 - PROPOSED PEDESTRIAN FENCE (REFER TO LANDSCAPE)
 - PROPOSED SIGNAGE (REFER TO ARCHITECTURAL DRAWINGS)
 - EV POWER DISPENSER (REFER TO MECHANICAL DRAWINGS)
 - BOREHOLE LOCATION (REFER TO GEOTECH REPORT)
 - TEST PIT LOCATION (REFER TO GEOTECH REPORT)
 - CONE PENETRATION TEST LOCATION (REFER TO GEOTECH REPORT)
 - 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 TELECOMMUNICATIONS LINE
 - EXISTING HYDRO
 - EXISTING STREETLIGHT
 - EXISTING PARKING LOT SIGNAGE

NOTE:
 1. ALL SERVICE CONNECTIONS AND CATCHBASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL S11 AND S11.2
 2. BACKWATER VALVES TO BE PROVIDED ON ALL STORM AND SANITARY LATERALS AS PER CITY OF OTTAWA DETAILS S14, S14.1, AND S14.2

APPROVED
 By Lily Xu at 2:55 pm, Jan 23, 2025

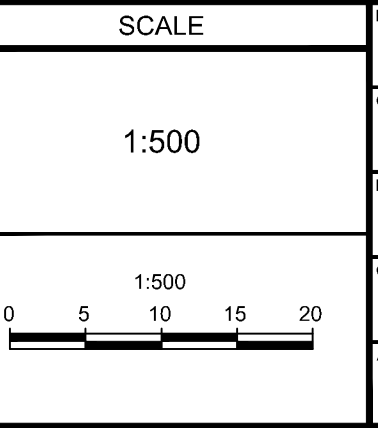
Lily Xu

LILY XU, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW SOUTH
 PLANNING, DEVELOPMENT, AND BUILDING SERVICES
 DEPARTMENT, CITY OF OTTAWA

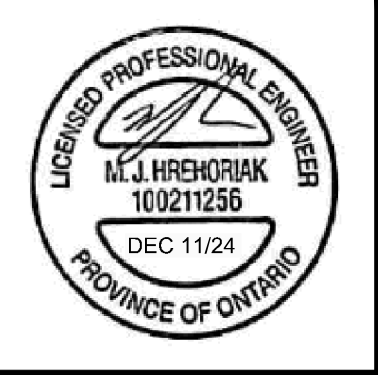


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4	REVISED PER CITY COMMENTS	DEC 11/24	MJH
3	ISSUED FOR RFP TENDER SET (60%)	NOV 21/24	MJH
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LOCATION
 CITY OF OTTAWA
 99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE

DRAWING NAME
 GENERAL PLAN OF SERVICES
 NORTH WESTERN QUADRANT

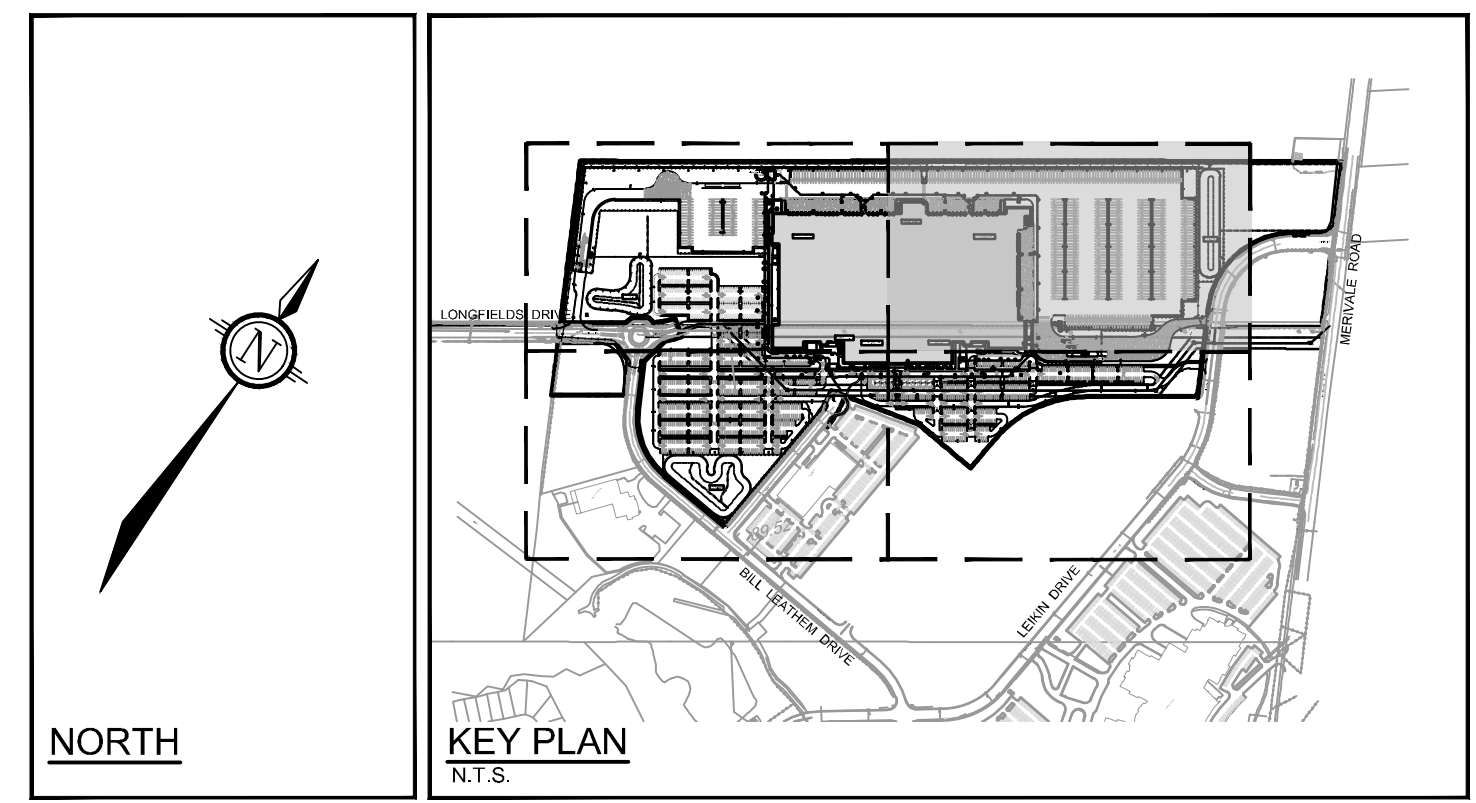
PROJECT NO.: 124123
 REV: #4
 DRAWING NO.: 124123-GP1
 DATE: DEC 11, 2024

D07-12-24-0139

APPROVED
By Lily Xu at 2:55 pm, Jan 23, 2025

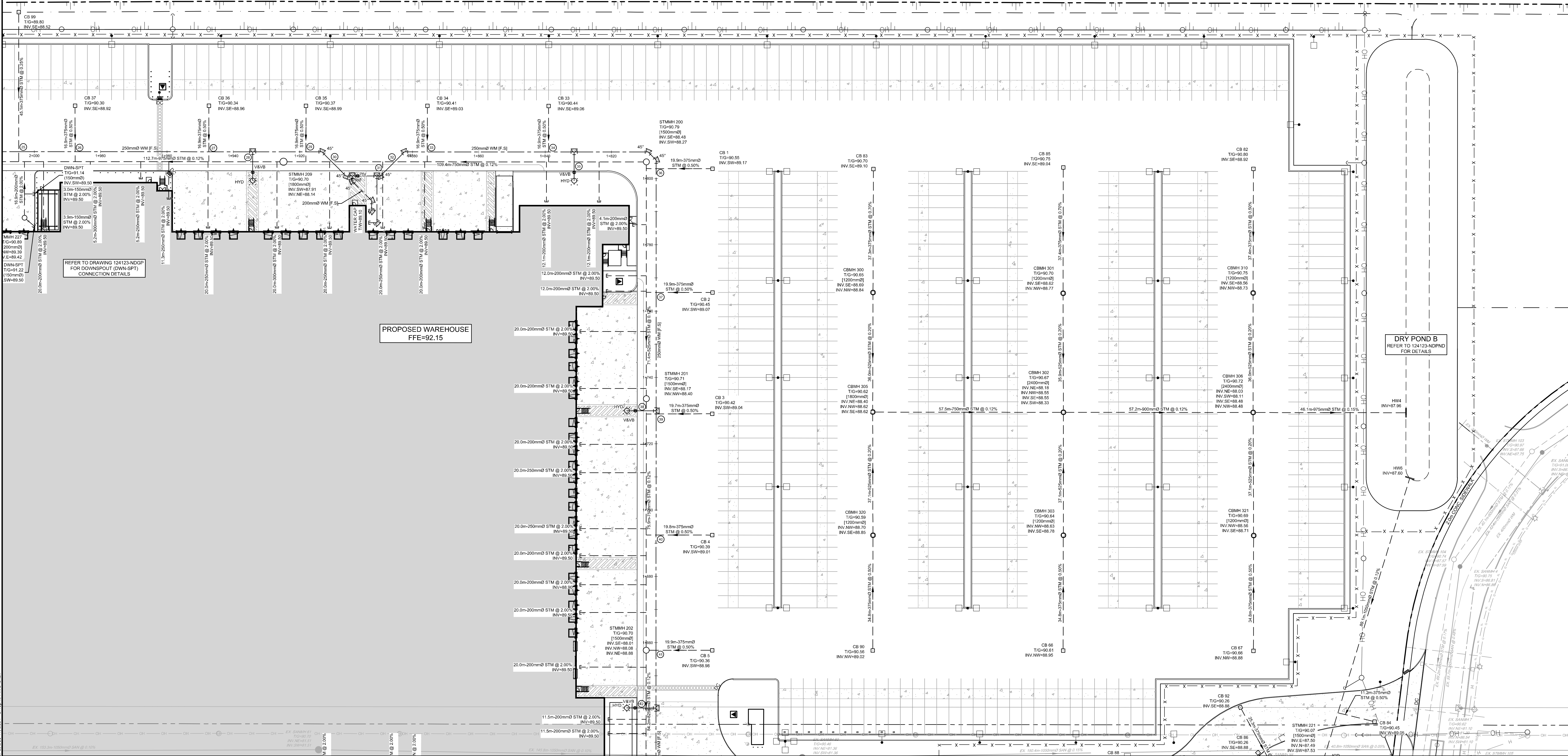
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

- LEGEND**
- PROPERTY LINE
 - PROPOSED CURB
 - DC PROPOSED DEPRESSED CURB
 - FC PROPOSED FLUSH CURB
 - PROPOSED ASPHALT PATHWAY
 - PROPOSED CONCRETE TRUCK WHEEL STOP
 - PROPOSED BITUMINOUS CONCRETE SPEED BUMP
 - PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
 - TACTILE WALKING SURFACE INDICATOR (TWS) PER CITY DETAIL SCT.3
 - PROPOSED CAP
 - PROPOSED SANITARY SERVICE c/w MANHOLE
 - PROPOSED STORM SEWER AND MANHOLE
 - PROPOSED BOX MANHOLE
 - PROPOSED CATCH-BASIN MANHOLE
 - PROPOSED CATCH-BASIN
 - PROPOSED DOWNSPOUT CONNECTION (REFER TO DETAIL DWG. 124123-NDGP)
 - PROPOSED HEADWALL (OPSD 804 040) C/W GALVANIZED RAILING
 - PROPOSED INLET CONTROL DEVICE
 - PROPOSED REMOTE WATER METER
 - PROPOSED WATER METER
 - PROPOSED SIAMASE CONNECTION
 - PROPOSED WATER SERVICE
 - PROPOSED WATER METER CHAMBER
 - PROPOSED HYDRANT c/w LEAD & VALVE
 - PROPOSED VALVE AND VALVE BOX
 - PROPOSED POST INDICATOR VALVE
 - PROPOSED BUILDING ENTRANCE
 - DIRECTION OF FLOW
 - PROPOSED CHAINLINK FENCE (REFER TO LANDSCAPE)
 - PROPOSED PEDESTRIAN FENCE (REFER TO LANDSCAPE)
 - PIPE CROSSING (REFER TO 124123-NDGP FOR CROSSING DETAILS)
 - PROPOSED SITE LIGHTING (REFER TO ARCHITECTURAL DRAWINGS)
 - PROPOSED CAMERA/ SENSOR AND BOLLARDS (REFER TO ARCHITECTURAL DRAWINGS)
 - PROPOSED SIGNAGE (REFER TO ARCHITECTURAL DRAWINGS)
 - EV POWER DISPENSER (REFER TO MECHANICAL DRAWINGS)
 - BOREHOLE LOCATION (REFER TO GEOTECH REPORT)
 - TEST PIT LOCATION (REFER TO GEOTECH REPORT)
 - TEST PENETRATION TEST LOCATION (REFER TO GEOTECH REPORT)
 - CONE PENETRATION TEST LOCATION (REFER TO GEOTECH REPORT)
 - 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 TELECOMMUNICATIONS LINE
 - EXISTING HYDRO
 - EXISTING STREETLIGHT
 - EXISTING PARKING LOT SIGNAGE



NOTE

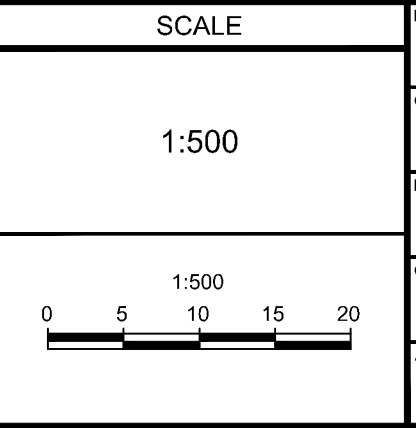
- ALL SERVICE CONNECTIONS AND CATCH-BASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL S11 AND S11.2
- BACKWATER VALVES TO BE PROVIDED ON ALL STORM AND SANITARY LATERALS AS PER CITY OF OTTAWA DETAILS S14, S14.1, AND S14.2



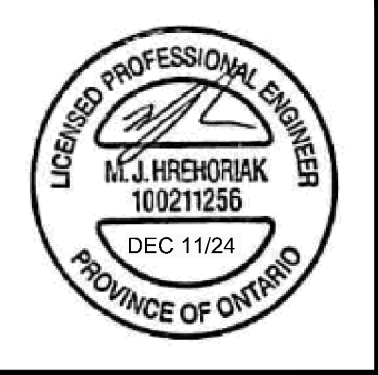
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NOT FOR CONSTRUCTION

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2	PHASE 1 PERMIT EXCAVATION, FOUNDATION AND DEEP UNDERGROUND	NOV 21/24	MJH
1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH



DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH

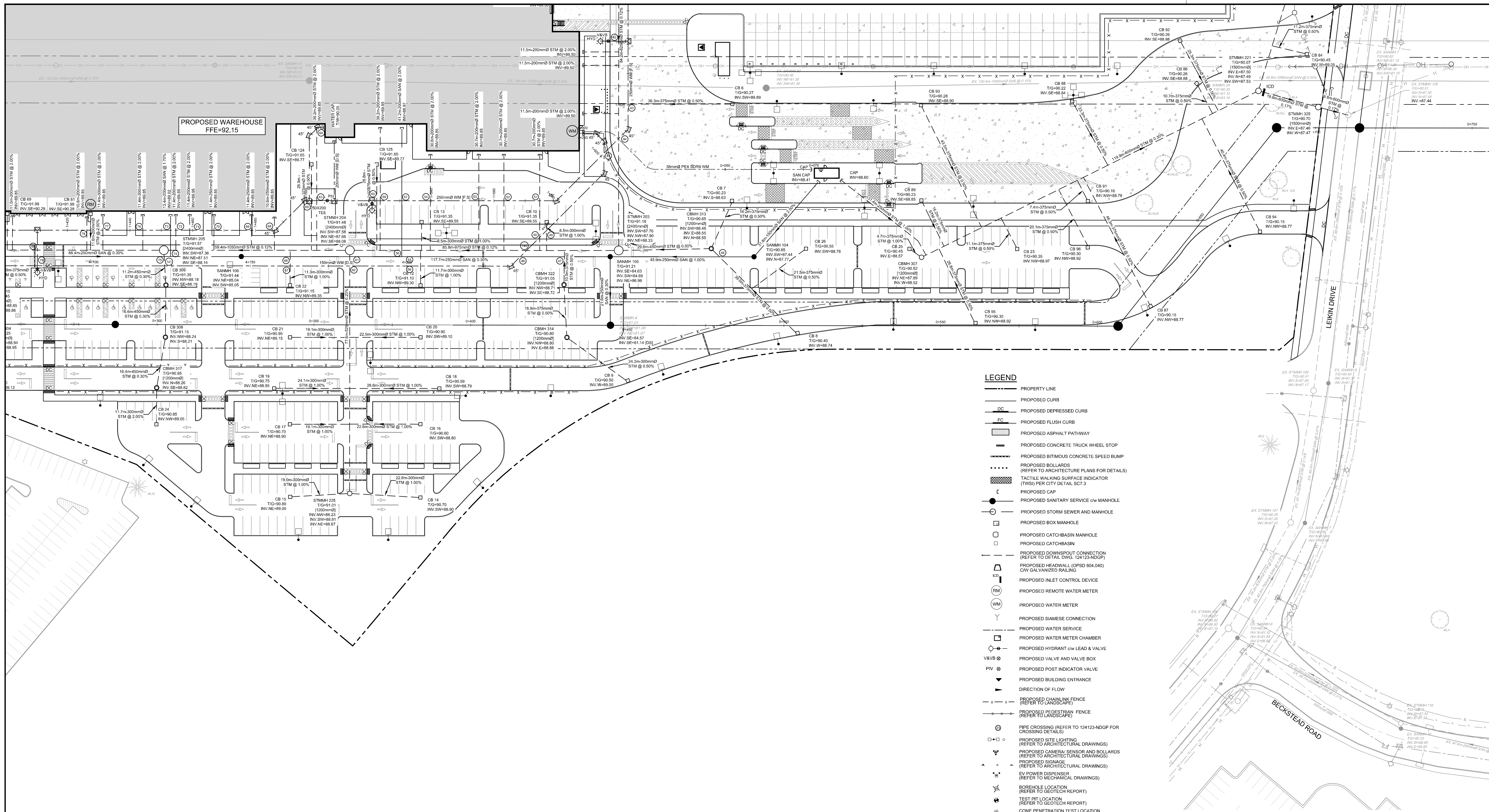


NOVATECH
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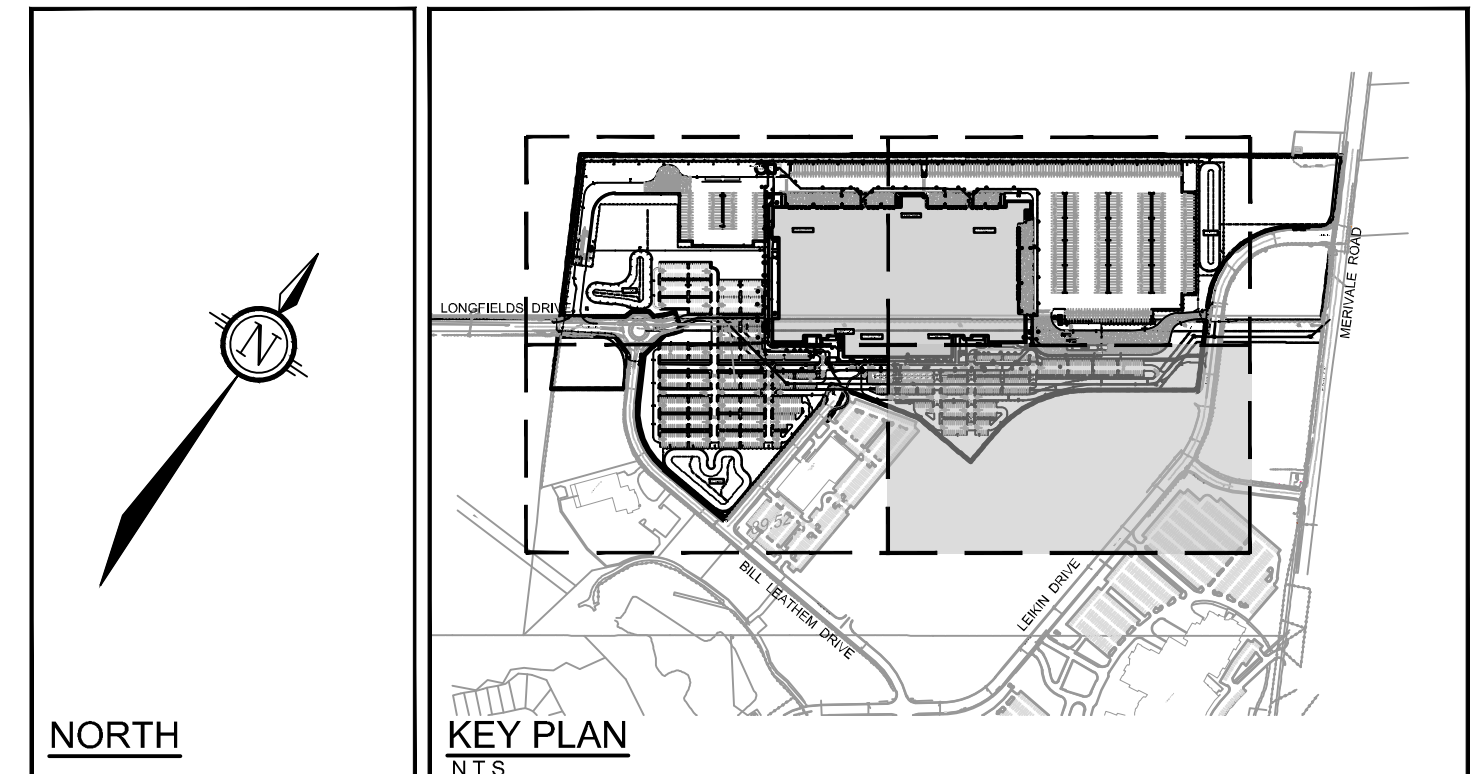
LOCATION
CITY OF OTTAWA
99 BILL LEITH DRIVE, 2 & 20 LEIKEN DRIVE

DRAWING NAME
GENERAL PLAN OF SERVICES
NORTH EASTERN QUADRANT

PROJECT NO.	REV	DATE
124123	REV # 4	
124123-GP2		



- LEGEND**
- PROPERTY LINE
 - PROPOSED CURB
 - DC PROPOSED DEPRESSED CURB
 - FC PROPOSED FLUSH CURB
 - PROPOSED ASPHALT PATHWAY
 - PROPOSED CONCRETE TRUCK WHEEL STOP
 - PROPOSED BITUMINOUS CONCRETE SPEED BUMP
 - PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
 - TACTILE WALKING SURFACE INDICATOR (TWS) PER CITY DETAIL SCT.3
 - PROPOSED CAP
 - PROPOSED SANITARY SERVICE c/w MANHOLE
 - PROPOSED STORM SEWER AND MANHOLE
 - PROPOSED BOX MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED DOWNSPOUT CONNECTION (REFER TO DETAIL DWG. 124123-NDGP)
 - PROPOSED HEADWALL (OPSD B04-D04) c/w GALVANIZED RAILING
 - PROPOSED INLET CONTROL DEVICE
 - PROPOSED REMOTE WATER METER
 - PROPOSED WATER METER
 - PROPOSED SIAMESE CONNECTION
 - PROPOSED WATER SERVICE
 - PROPOSED WATER METER CHAMBER
 - PROPOSED HYDRANT c/w LEAD & VALVE
 - PROPOSED VALVE AND VALVE BOX
 - PROPOSED POST INDICATOR VALVE
 - PROPOSED BUILDING ENTRANCE
 - DIRECTION OF FLOW
 - PROPOSED CHAIN LINK FENCE (REFER TO LANDSCAPE)
 - PROPOSED PEDESTRIAN FENCE (REFER TO LANDSCAPE)
 - PROPOSED PIPE CROSSING (REFER TO 124123-NDGP FOR CROSSING DETAILS)
 - PROPOSED SITE LIGHTING (REFER TO ARCHITECTURAL DRAWINGS)
 - PROPOSED CAMERA SENSOR AND BOLLARDS (REFER TO ARCHITECTURAL DRAWINGS)
 - PROPOSED SIGNAGE (REFER TO ARCHITECTURAL DRAWINGS)
 - EV POWER DISPENSER (REFER TO MECHANICAL DRAWINGS)
 - BOREHOLE LOCATION (REFER TO GEOTECH REPORT)
 - TEST PIT LOCATION (REFER TO GEOTECH REPORT)
 - CONE PENETRATION TEST LOCATION (REFER TO GEOTECH REPORT)
 - 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 TELECOMMUNICATIONS LINE
 - EXISTING HYDRO
 - EXISTING STREETLIGHT
 - EXISTING PARKING LOT SIGNAGE



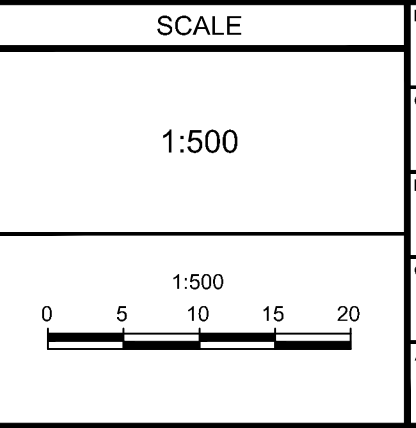
APPROVED
By Lily Xu at 2:55 pm, Jan 23, 2025

Lily Xu
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
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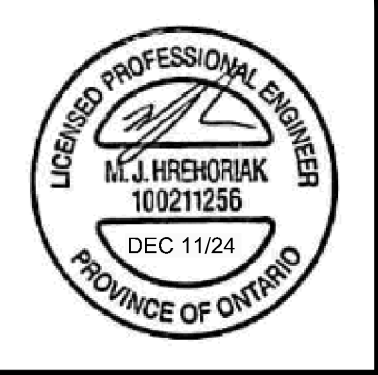
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1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH

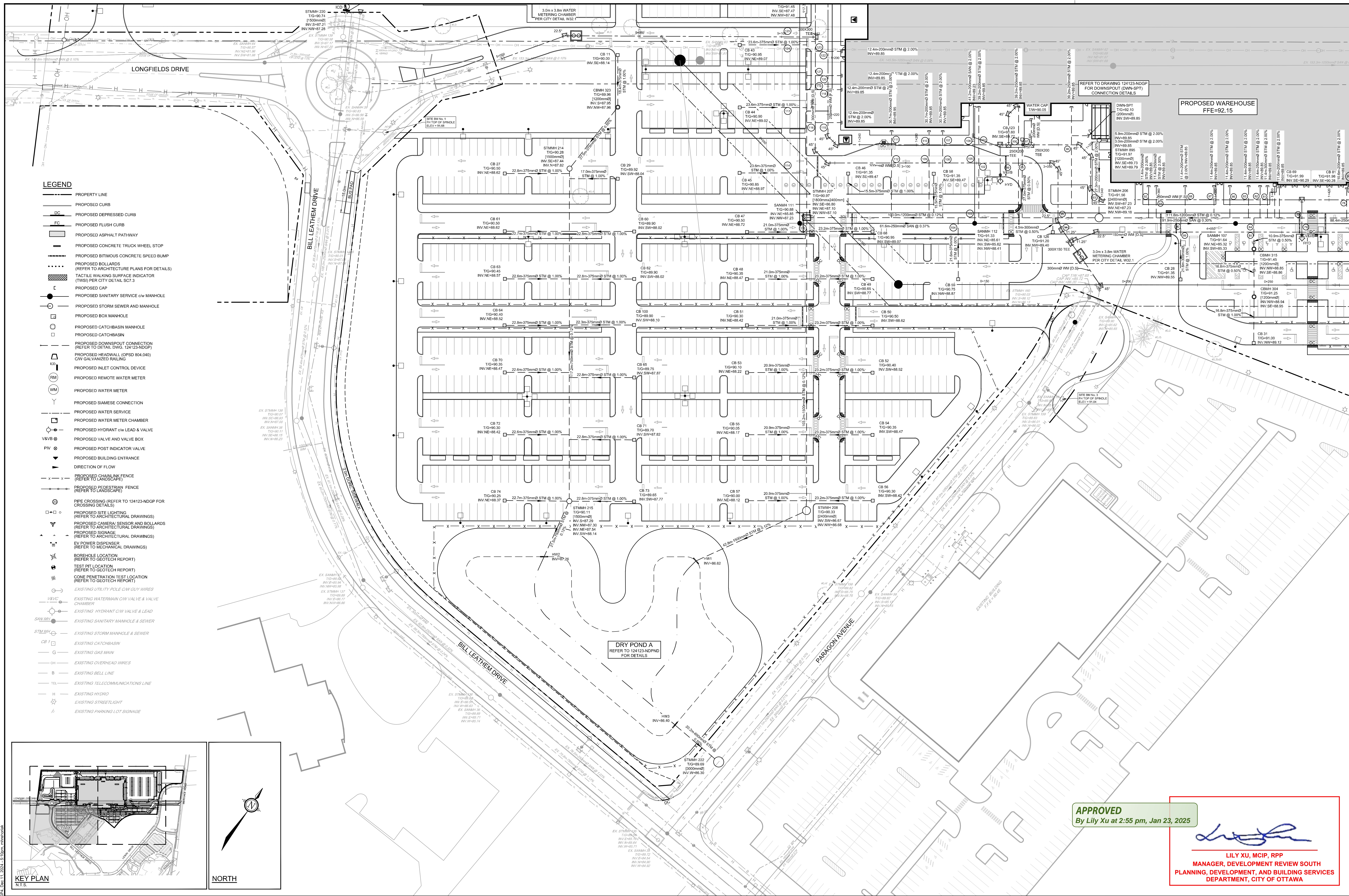


DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH



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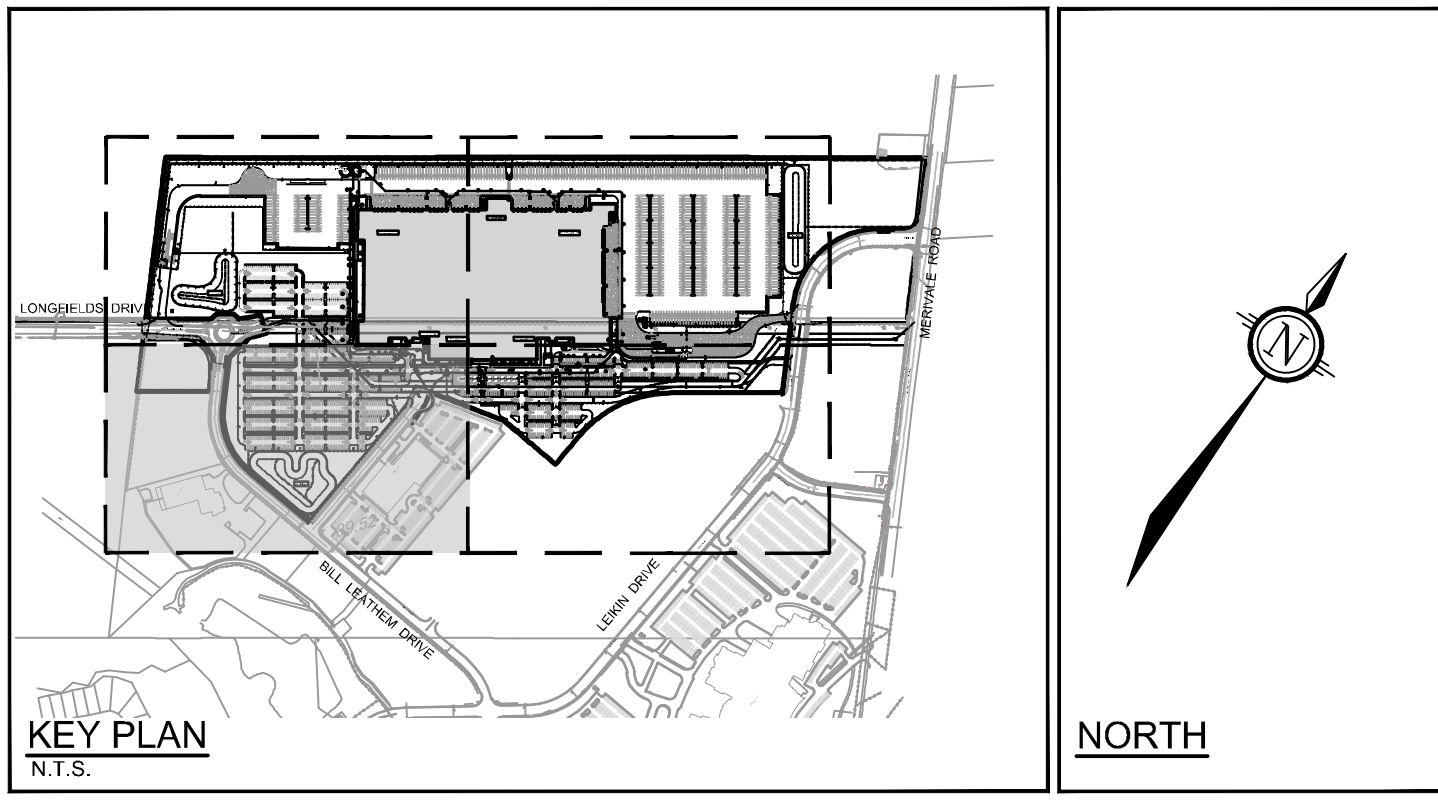
LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKIN DRIVE
DRAWING NAME
GENERAL PLAN OF SERVICES
SOUTH EASTERN QUADRANT
PROJECT NO.: 124123
REV: # 4
DRAWING NO.: 124123-GP3
DATE: 12/12/24-0139



- LEGEND**
- PROPERTY LINE
 - - - PROPOSED CURB
 - - - PROPOSED DEPRESSED CURB
 - - - PROPOSED FLUSH CURB
 - ▭ PROPOSED ASPHALT PATHWAY
 - ▭ PROPOSED CONCRETE TRUCK WHEEL STOP
 - ▭ PROPOSED BITUMINOUS CONCRETE SPEED BUMP
 - ⋯⋯ PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
 - ▭ TACTILE WALKING SURFACE INDICATOR (TWSI) PER CITY DETAIL SC7.3
 - ⊔ PROPOSED CAP
 - PROPOSED SANITARY SERVICE c/w MANHOLE
 - PROPOSED STORM SEWER AND MANHOLE
 - PROPOSED BOX MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED DOWNSPOUT CONNECTION (REFER TO DETAIL DWG. 124123-NDGP)
 - PROPOSED HEADWALL (QPSD 804.04) c/w GALVANIZED RAILING
 - ⊔ PROPOSED INLET CONTROL DEVICE
 - ⊔ PROPOSED REMOTE WATER METER
 - ⊔ PROPOSED WATER METER
 - ⊔ PROPOSED SIAMESE CONNECTION
 - PROPOSED WATER SERVICE
 - ⊔ PROPOSED WATER METER CHAMBER
 - ⊔ PROPOSED HYDRANT c/w LEAD & VALVE
 - ⊔ PROPOSED VALVE AND VALVE BOX
 - ⊔ PROPOSED POST INDICATOR VALVE
 - ▭ PROPOSED BUILDING ENTRANCE
 - ▭ DIRECTION OF FLOW
 - PROPOSED CHAIN LINK FENCE (REFER TO LANDSCAPE)
 - PROPOSED PEDESTRIAN FENCE (REFER TO LANDSCAPE)
 - ⊔ PIPE CROSSING (REFER TO 124123-NDGP FOR CROSSING DETAILS)
 - ⊔ PROPOSED SITE LIGHTING (REFER TO ARCHITECTURAL DRAWINGS)
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 - EXISTING CATCHBASIN
 - EXISTING GAS MAIN
 - EXISTING OVERHEAD WIRES
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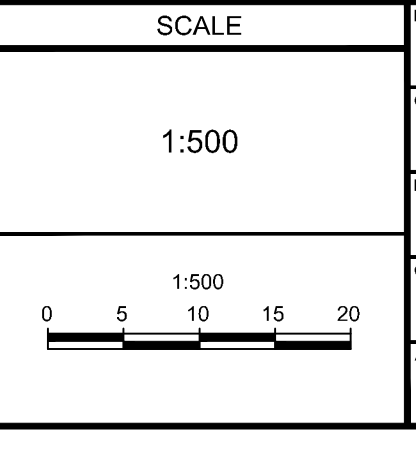
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Lily Xu
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
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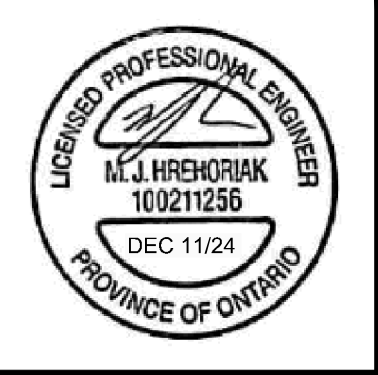


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2	PHASE 1 PERMIT EXCAVATION, FOUNDATION AND DEEP UNDERGROUND	NOV 21/24	MJH
1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH



DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH



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LOCATION	CITY OF OTTAWA 99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE
DRAWING NAME	GENERAL PLAN OF SERVICES SOUTH WESTERN QUADRANT
PROJECT NO.	124123
REV	REV # 4
DRAWING NO.	124123-GP4

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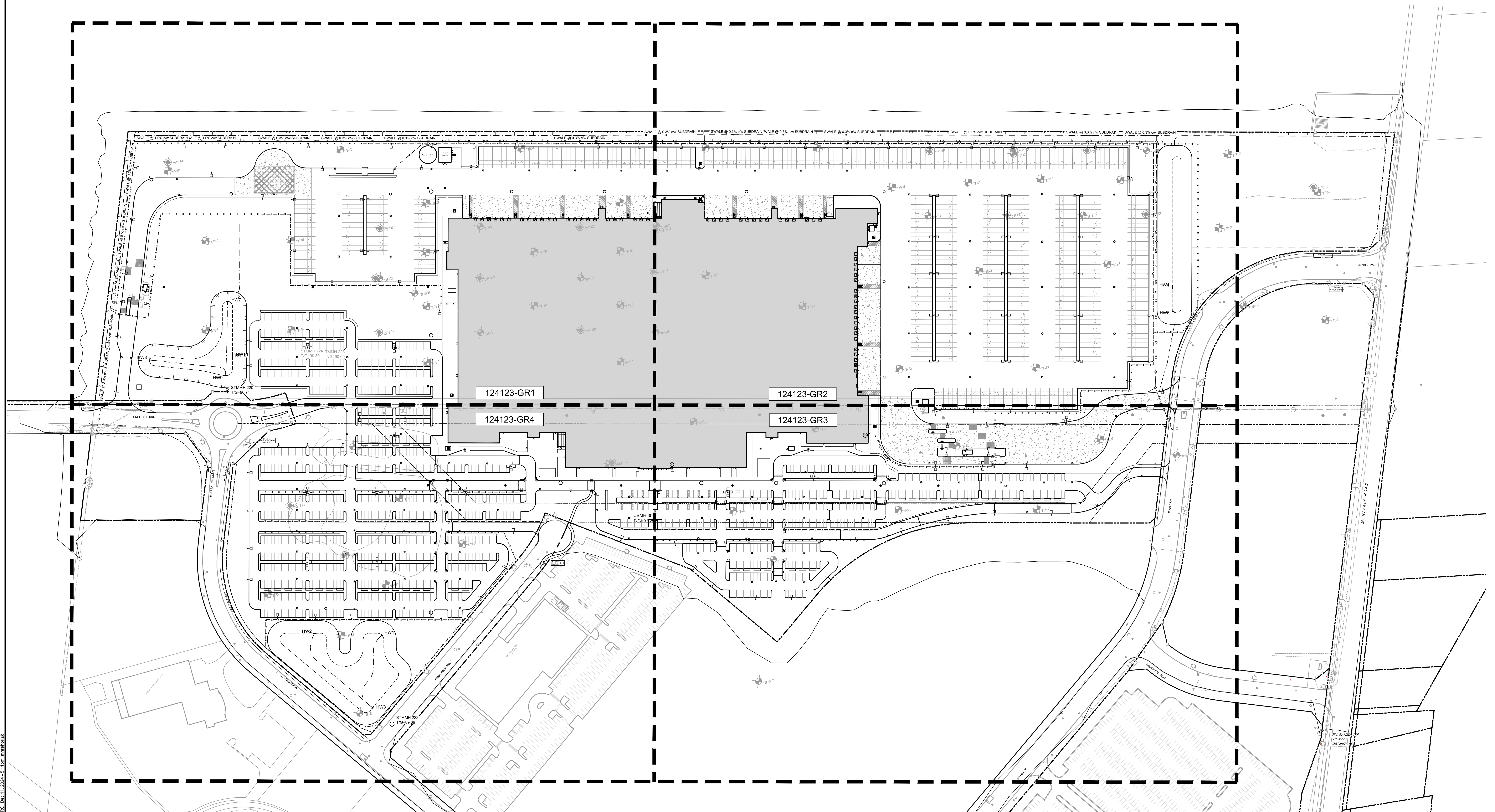
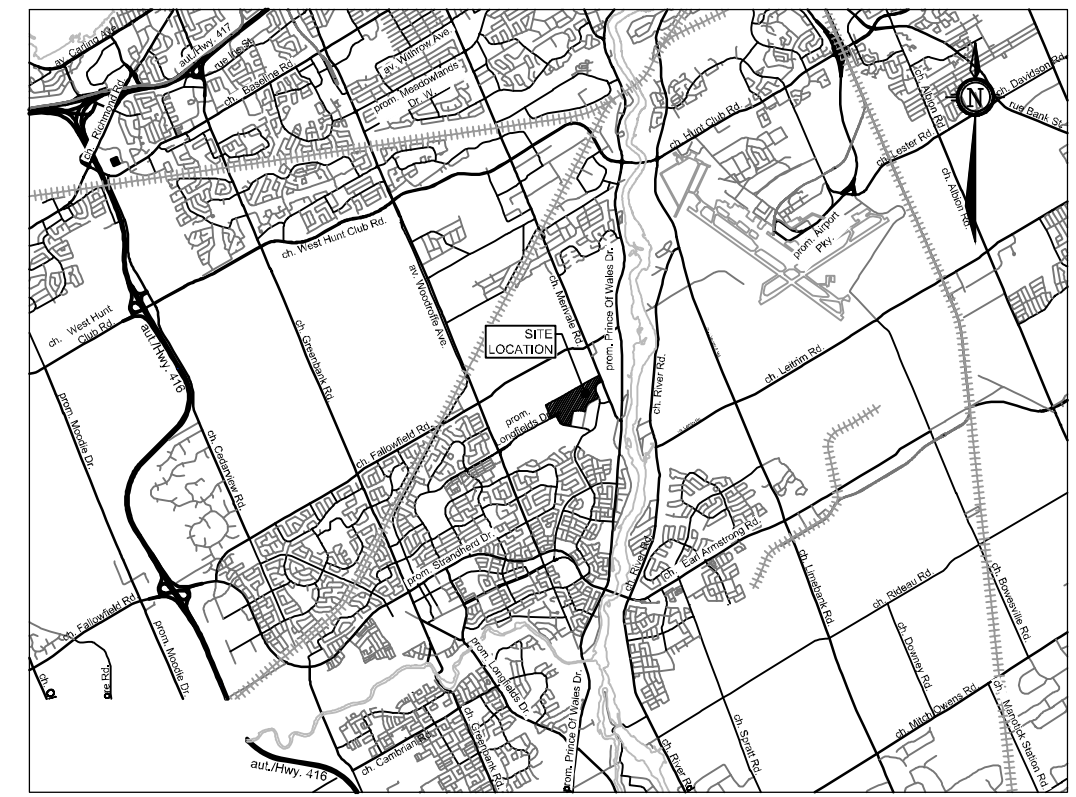
D07-12-24-0139

PLAN # 19192

Lily Xu

LILY XU, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW SOUTH
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 DEPARTMENT, CITY OF OTTAWA

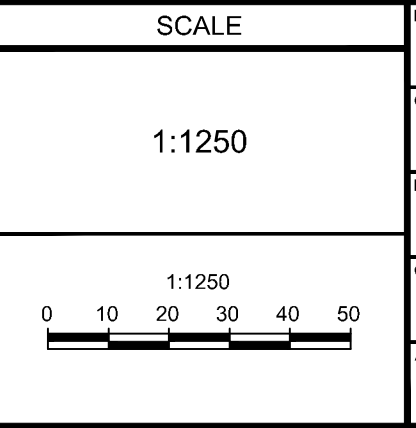
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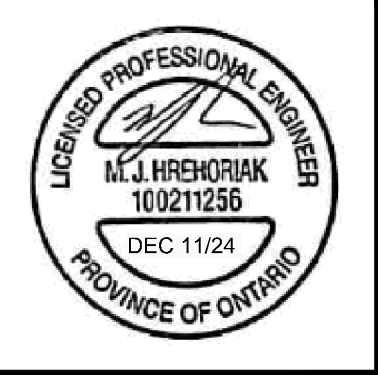
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1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH



DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH



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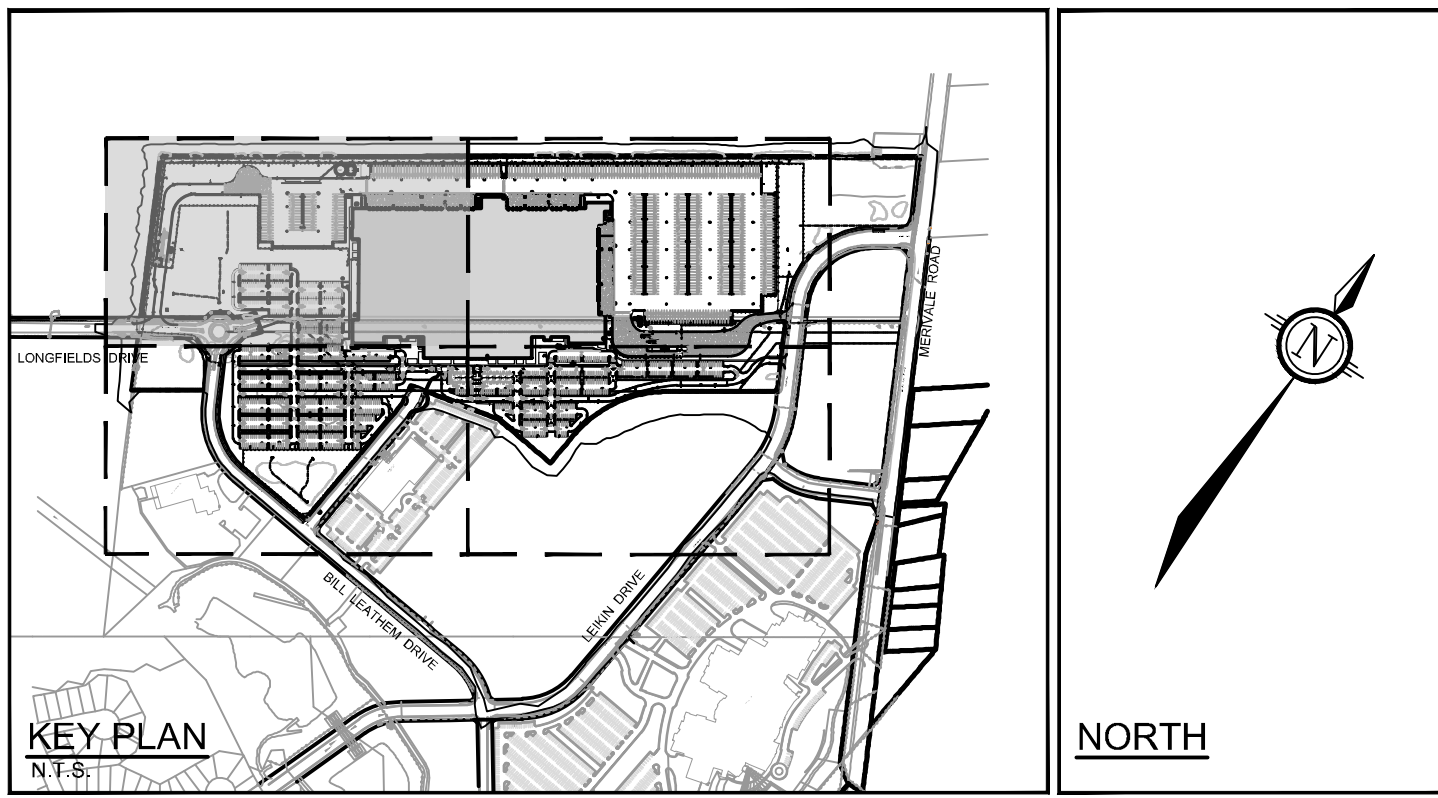
LOCATION
 CITY OF OTTAWA
 99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE

DRAWING NAME
**GRADING PLAN
 OVERALL**

PROJECT NO: 124123
 REV: REV #4
 DRAWING NO: 124123-GRO
 PLAN # 19192

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D07-12-24-0139

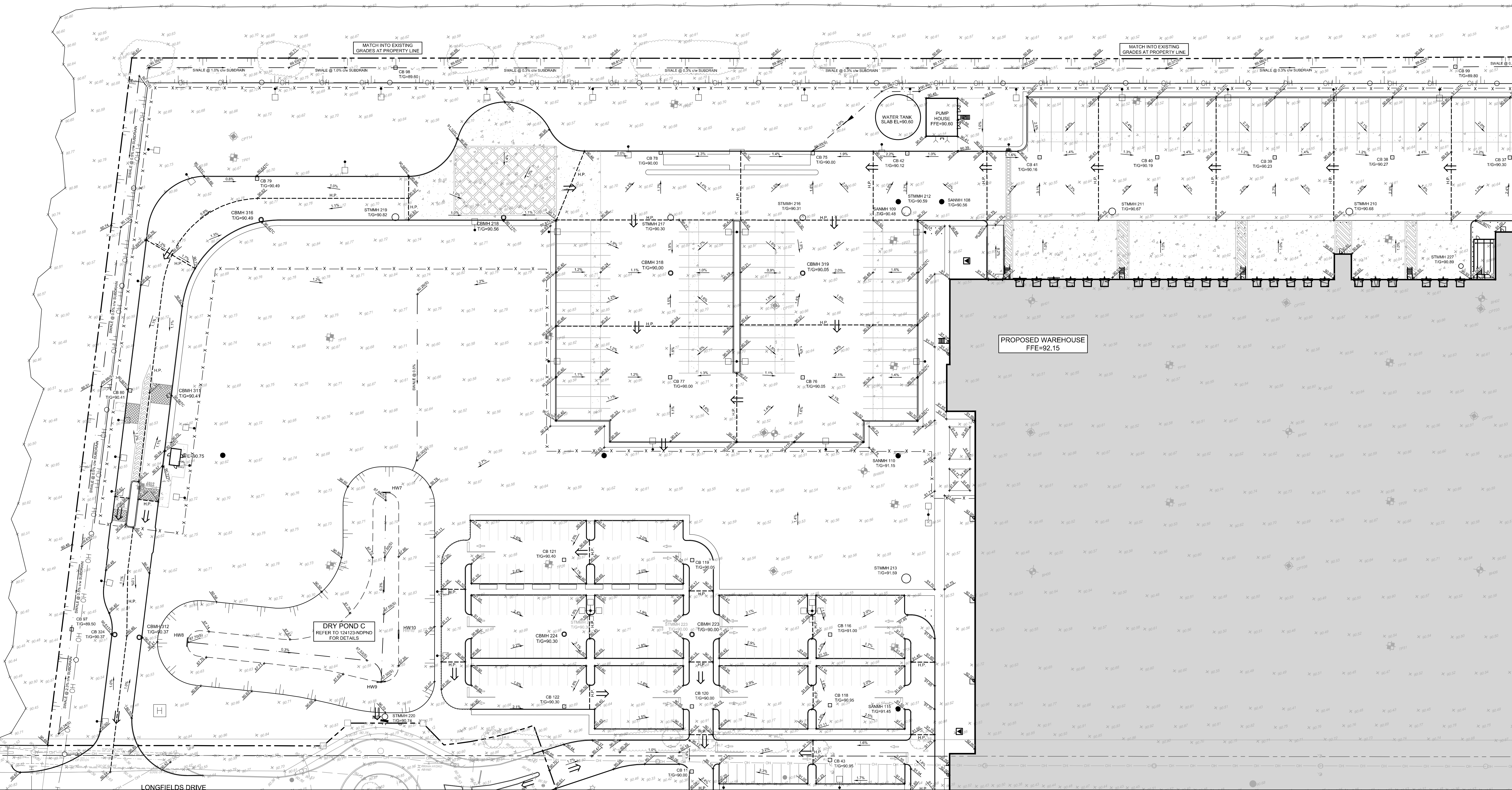


LEGEND

	PROPERTY LINE		PROPOSED POST INDICATOR VALVE		EXISTING UTILITY POLE C/W GUY WIRES AND ANCHOR
	PROPOSED ELEVATION		PROPOSED CHAINLINK FENCE (REFER TO ARCHITECTURAL DRAWINGS)		EXISTING VALVE & VALVE CHAMBER
	EXISTING ELEVATION		PROPOSED HIGH POINT		EXISTING VALVE & VALVE BOX
	PROPOSED TOP OF CURB ELEVATION		PROPOSED CURB		EXISTING HYDRANT
	PROPOSED SWALE ELEVATION		PROPOSED DEPRESSED CURB		EXISTING SANITARY MANHOLE
	PROPOSED BUILDING ENTRANCE		PROPOSED BITUMINOUS CONCRETE SPEED BUMP		EXISTING STORM MANHOLE
	DIRECTION OF MAJOR OVERLAND FLOW		PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)		EXISTING CATCHBASIN
	PROPOSED SAN MANHOLE		PROPOSED UTILITY POLE C/W GUY WIRES AND ANCHOR		EXISTING LIGHT STANDARD
	PROPOSED STORM MANHOLE		TACTILE WALKING SURFACE INDICATOR (TWSI) PER OPSD 310.039		EXISTING FENCE
	PROPOSED CATCHBASIN MANHOLE		SWALE AND DIRECTION OF FLOW		
	PROPOSED CATCHBASIN		TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)		
	PROPOSED FIRE HYDRANT		SLOPE AND DIRECTION		
	PROPOSED VALVE AND VALVE BOX		PROPOSED SITE LIGHTING (REFER TO ELECTRICAL DRAWINGS)		

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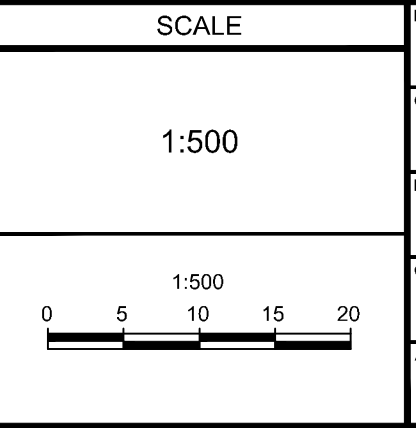
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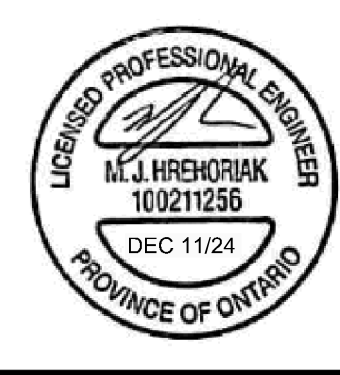
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DESIGN	MJH / LSC
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LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE
DRAWING NAME
GRADING PLAN
NORTH WESTERN QUADRANT

PROJECT No.	124123
REV	REV # 4
DRAWING No.	124123-GR1

Lily Xu

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By Lily Xu at 2:55 pm, Jan 23, 2025

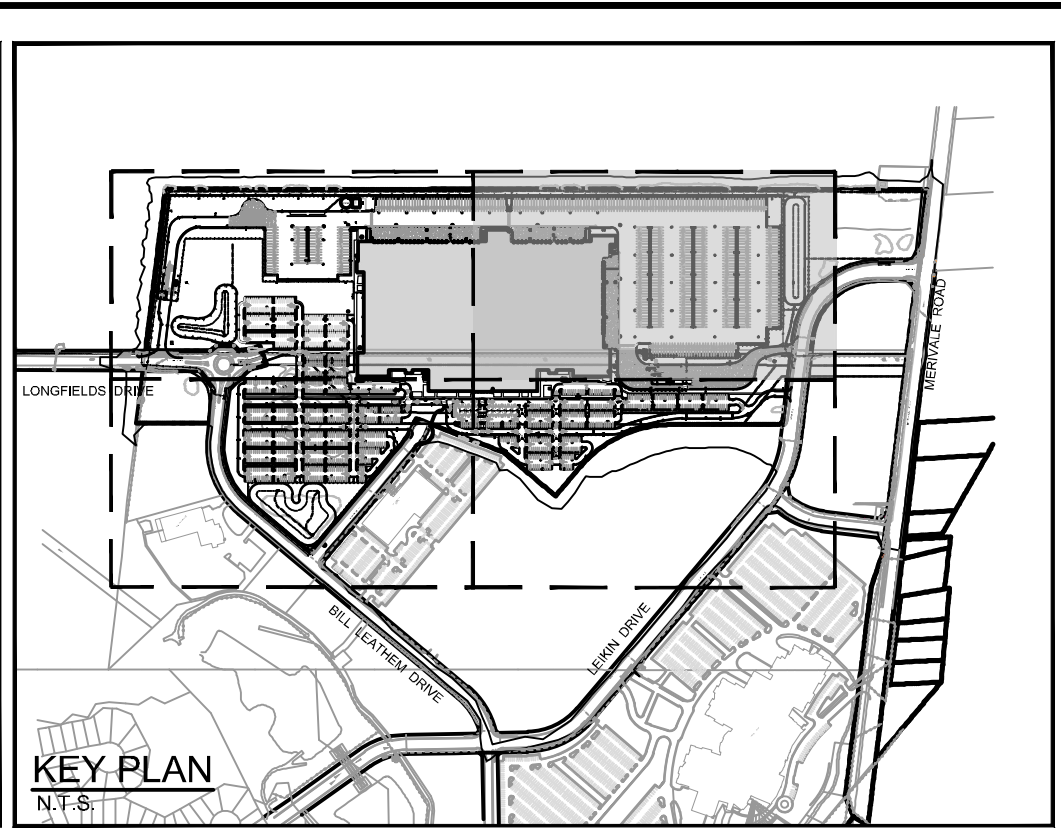
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DEPARTMENT, CITY OF OTTAWA

LEGEND

- P.P. — PROPERTY LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED SWALE ELEVATION
- DIRECTION OF MAJOR OVERLAND FLOW
- PROPOSED SAN MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED FIRE HYDRANT
- V&VB — PROPOSED VALVE AND VALVE BOX
- PIV — PROPOSED POST INDICATOR VALVE
- PROPOSED CHAINLINK FENCE (REFER TO ARCHITECTURAL DRAWINGS)
- H.P. — PROPOSED HIGH POINT
- DC — PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED BITUMINOUS CONCRETE SPEED BUMP
- PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
- UP — PROPOSED UTILITY POLE CW GUY WIRES AND ANCHOR
- TACTILE WALKING SURFACE INDICATOR (TWSI) PER OPSD 310.039
- SWALE AND DIRECTION OF FLOW
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- SLOPE AND DIRECTION
- PROPOSED SITE LIGHTING (REFER TO ELECTRICAL DRAWINGS)
- EXISTING UTILITY POLE CW GUY WIRES AND ANCHOR
- V&VB — EXISTING VALVE & VALVE CHAMBER
- V&VB — EXISTING VALVE & VALVE BOX
- SAN MH — EXISTING SANITARY MANHOLE
- STM MH — EXISTING STORM MANHOLE
- CB T — EXISTING CATCHBASIN
- LS — EXISTING LIGHT STANDARD
- EXISTING FENCE

NORTH

KEY PLAN



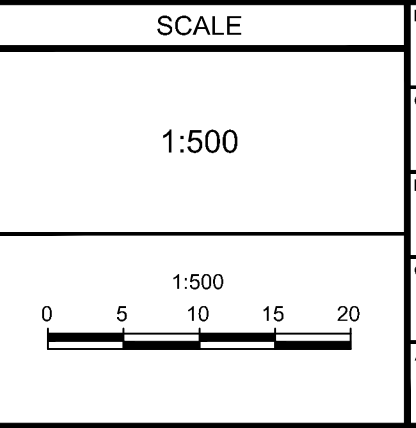
PROPOSED WAREHOUSE
FFE=92.15

DRY POND B
REFER TO 124123-GR2 FOR DETAILS

NOTE:
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**NOT FOR
CONSTRUCTION**

No.	REVISION	DATE	BY
4	REVISED PER CITY COMMENTS	DEC 11/24	MJH
3	ISSUED FOR RFP TENDER SET (60%)	NOV 21/24	MJH
2	PHASE 1 PERMIT EXCAVATION, FOUNDATION AND DEEP UNDERGROUND	NOV 21/24	MJH
1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH



DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH

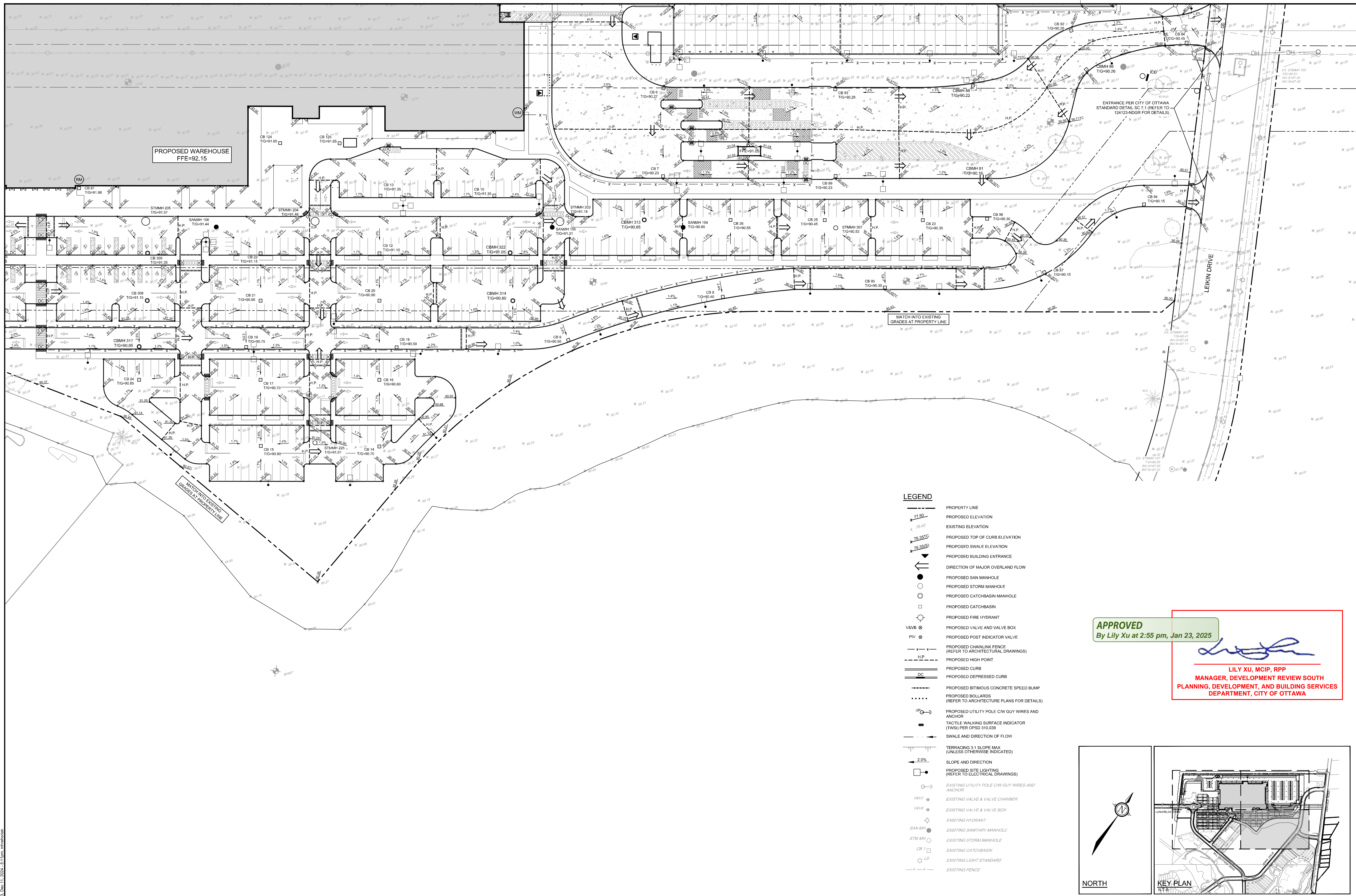


NOVATECH
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Ottawa, Ontario, Canada K2M 1P6
Telephone: (613) 254-9643
Facsimile: (613) 254-5867
Website: www.novatech-eng.com

LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE

DRAWING NAME
GRADING PLAN
NORTH EASTERN QUADRANT

PROJECT No.	REV #	DRAWING No.
124123	REV # 4	124123-GR2



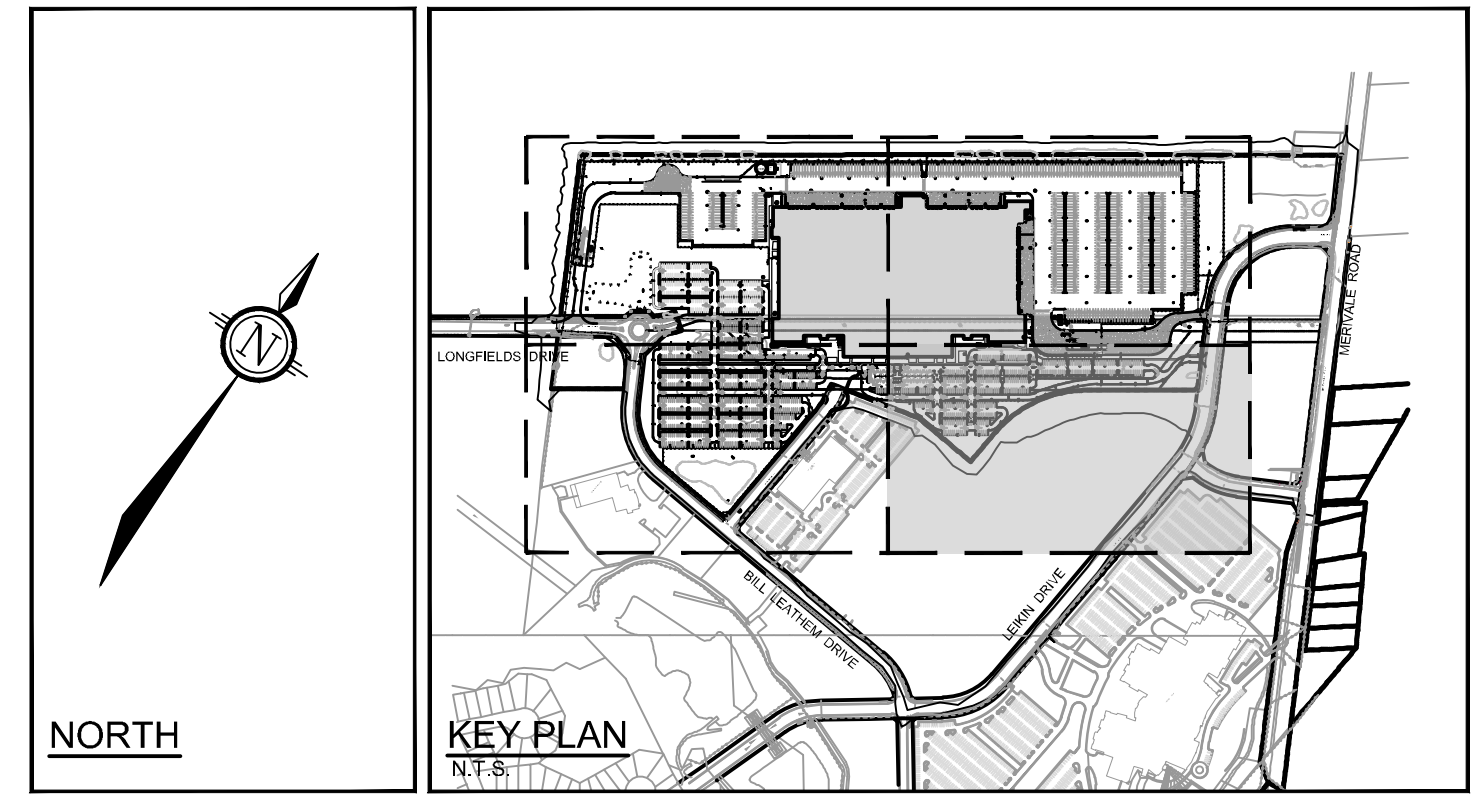
PROPOSED WAREHOUSE
FFE=92.15

APPROVED
By Lily Xu at 2:55 pm, Jan 23, 2025

Lily Xu

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

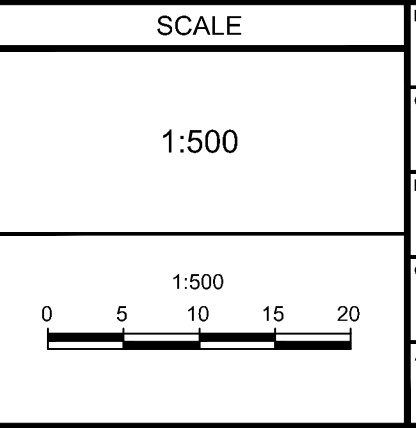
- LEGEND**
- PROPERTY LINE
 - PROPOSED ELEVATION
 - EXISTING ELEVATION
 - PROPOSED TOP OF CURB ELEVATION
 - PROPOSED SWALE ELEVATION
 - PROPOSED BUILDING ENTRANCE
 - DIRECTION OF MAJOR OVERLAND FLOW
 - PROPOSED SAN MANHOLE
 - PROPOSED STORM MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED FIRE HYDRANT
 - ⊕ V&VB PROPOSED VALVE AND VALVE BOX
 - ⊕ PIV PROPOSED POST INDICATOR VALVE
 - PROPOSED CHAINLINK FENCE (REFER TO ARCHITECTURAL DRAWINGS)
 - H.P. PROPOSED HIGH POINT
 - PROPOSED CURB
 - PROPOSED DEPRESSED CURB
 - PROPOSED BITUMINOUS CONCRETE SPEED BUMP
 - PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
 - UP → PROPOSED UTILITY POLE C/W GUY WIRES AND ANCHOR
 - TACTILE WALKING SURFACE INDICATOR (TWS) PER OPSD 310.038
 - SWALE AND DIRECTION OF FLOW
 - TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
 - SLOPE AND DIRECTION
 - PROPOSED SITE LIGHTING (REFER TO ELECTRICAL DRAWINGS)
 - EXISTING UTILITY POLE C/W GUY WIRES AND ANCHOR
 - ⊕ V&VB EXISTING VALVE & VALVE CHAMBER
 - ⊕ V&VB EXISTING VALVE & VALVE BOX
 - ⊕ EXISTING HYDRANT
 - SAN MH EXISTING SANITARY MANHOLE
 - STM MH EXISTING STORM MANHOLE
 - CB EXISTING CATCHBASIN
 - EXISTING LIGHT STANDARD
 - EXISTING FENCE



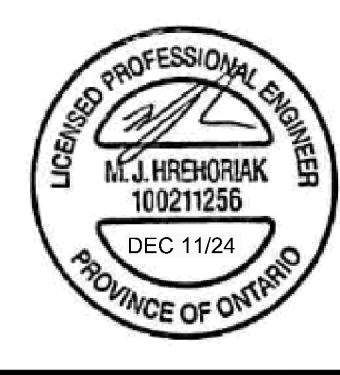
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**NOT FOR
CONSTRUCTION**

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2	PHASE 1 PERMIT EXCAVATION, FOUNDATION AND DEEP UNDERGROUND	NOV 21/24	MJH
1	ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	MJH



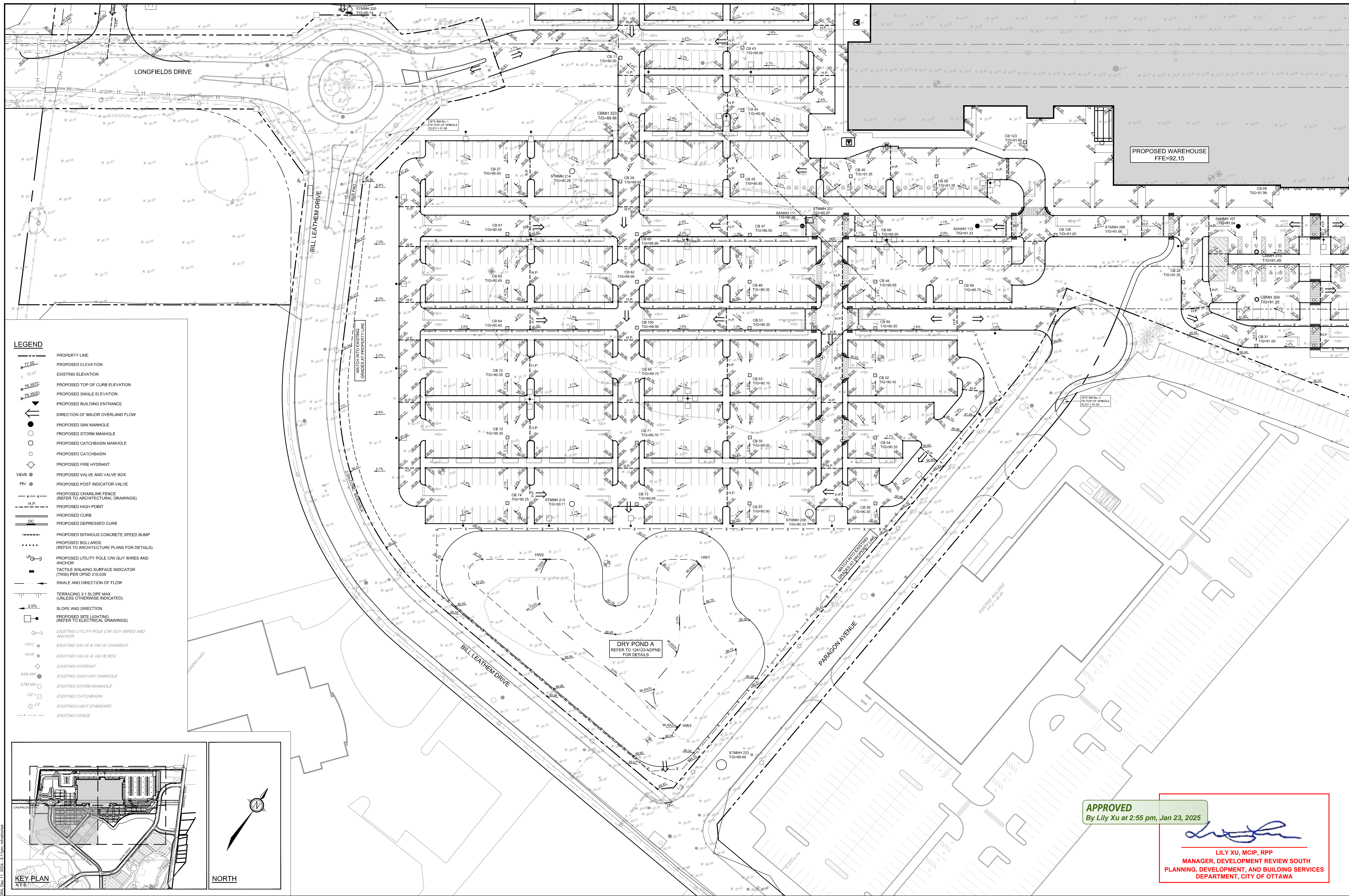
DESIGN	DATE
MJH / LSC	DEC 11/24
MJH	NOV 21/24
LSC	NOV 21/24
MJH	NOV 21/24
MJH	OCT 29/24



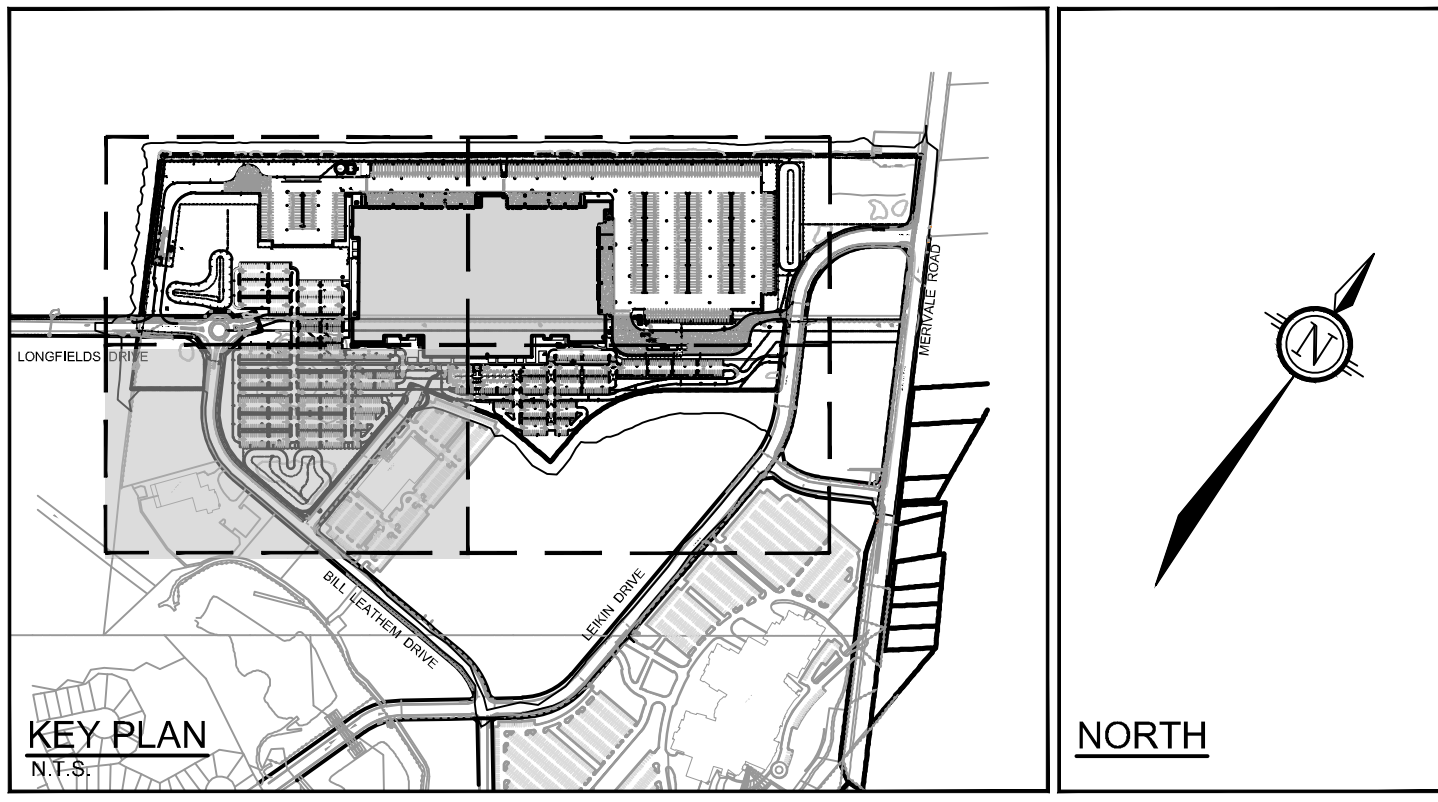
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LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKIN DRIVE
DRAWING NAME
GRADING PLAN
SOUTH EASTERN QUADRANT

PROJECT No.	REV #	DRAWING No.
124123	4	124123-GR3



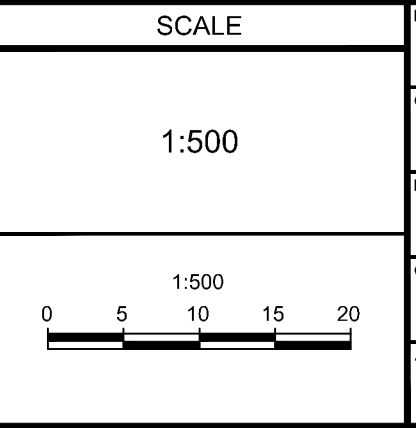
- LEGEND**
- PROPERTY LINE
 - PROPOSED ELEVATION
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 - PROPOSED POST INDICATOR VALVE
 - PROPOSED CHAINLINK FENCE (REFER TO ARCHITECTURAL DRAWINGS)
 - PROPOSED HIGH POINT
 - PROPOSED CURB
 - PROPOSED DEPRESSED CURB
 - PROPOSED BITUMINOUS CONCRETE SPEED BUMP
 - PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
 - PROPOSED UTILITY POLE CW GUY WIRES AND ANCHOR
 - TACTILE WALKING SURFACE INDICATOR (TWSI) PER OPSD 310.039
 - SWALE AND DIRECTION OF FLOW
 - TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
 - SLOPE AND DIRECTION
 - PROPOSED SITE LIGHTING (REFER TO ELECTRICAL DRAWINGS)
 - EXISTING UTILITY POLE CW GUY WIRES AND ANCHOR
 - EXISTING VALVE & VALVE CHAMBER
 - EXISTING VALVE & VALVE BOX
 - EXISTING HYDRANT
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING CATCHBASIN
 - EXISTING LIGHT STANDARD
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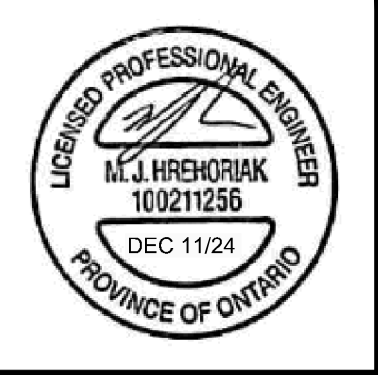
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DESIGN	DATE	BY
MJH / LSC		
MJH		
LSC		
MJH		
MJH		



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LOCATION
 CITY OF OTTAWA
 99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE

DRAWING NAME
GRADING PLAN
 SOUTH WESTERN QUADRANT

PROJECT No.: 124123
 REV # 4
 DRAWING No.: 124123-GR4
 PLAN # 19192

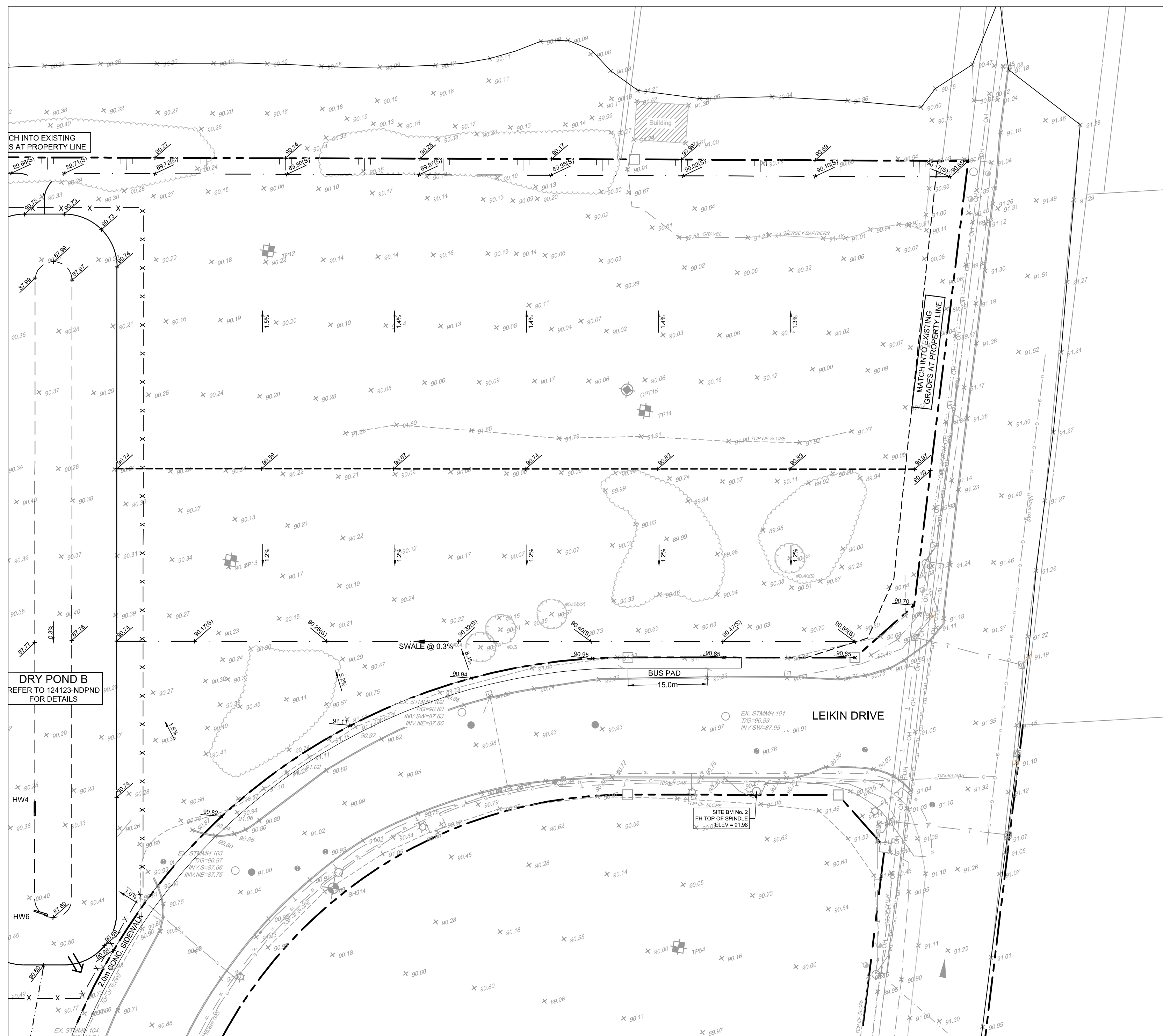
APPROVED
 By Lily Xu at 2:55 pm, Jan 23, 2025

LILY XU, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW SOUTH
 PLANNING, DEVELOPMENT, AND BUILDING SERVICES
 DEPARTMENT, CITY OF OTTAWA

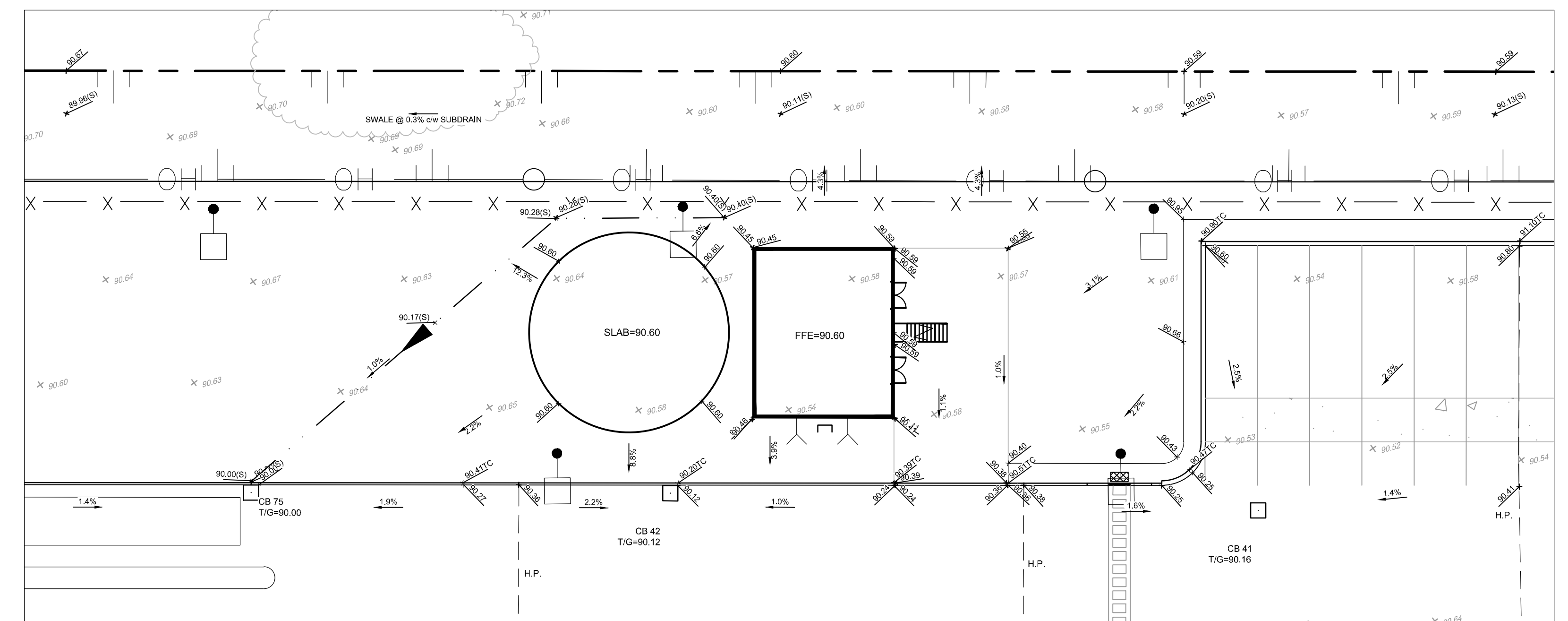
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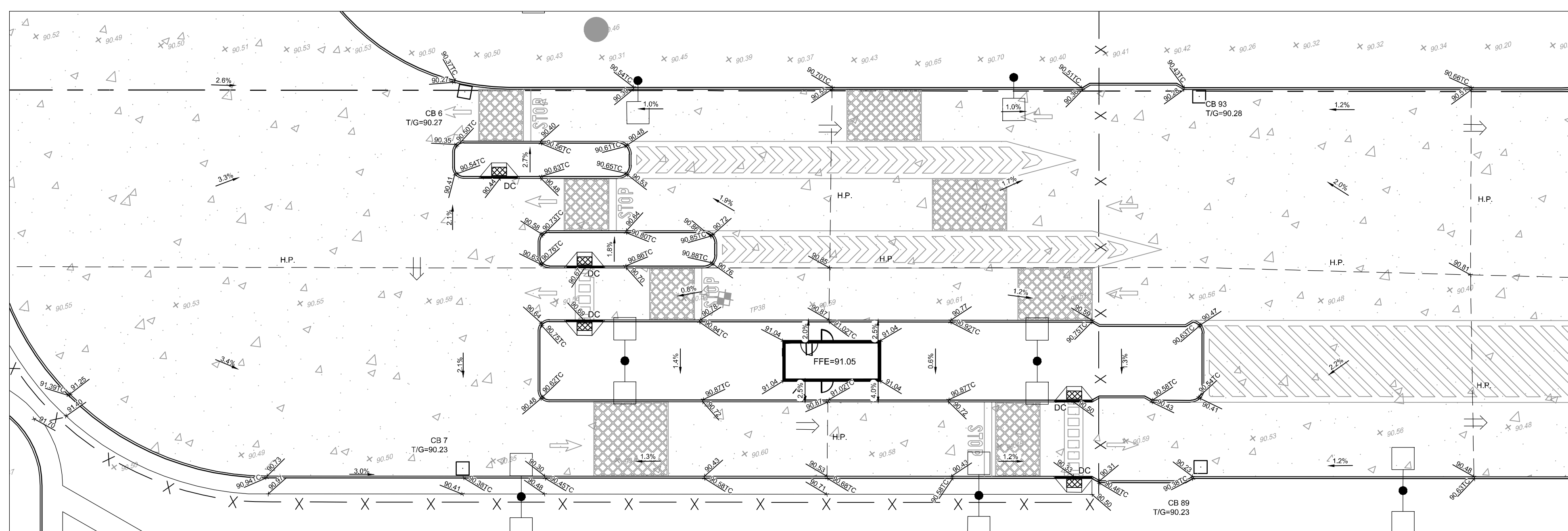
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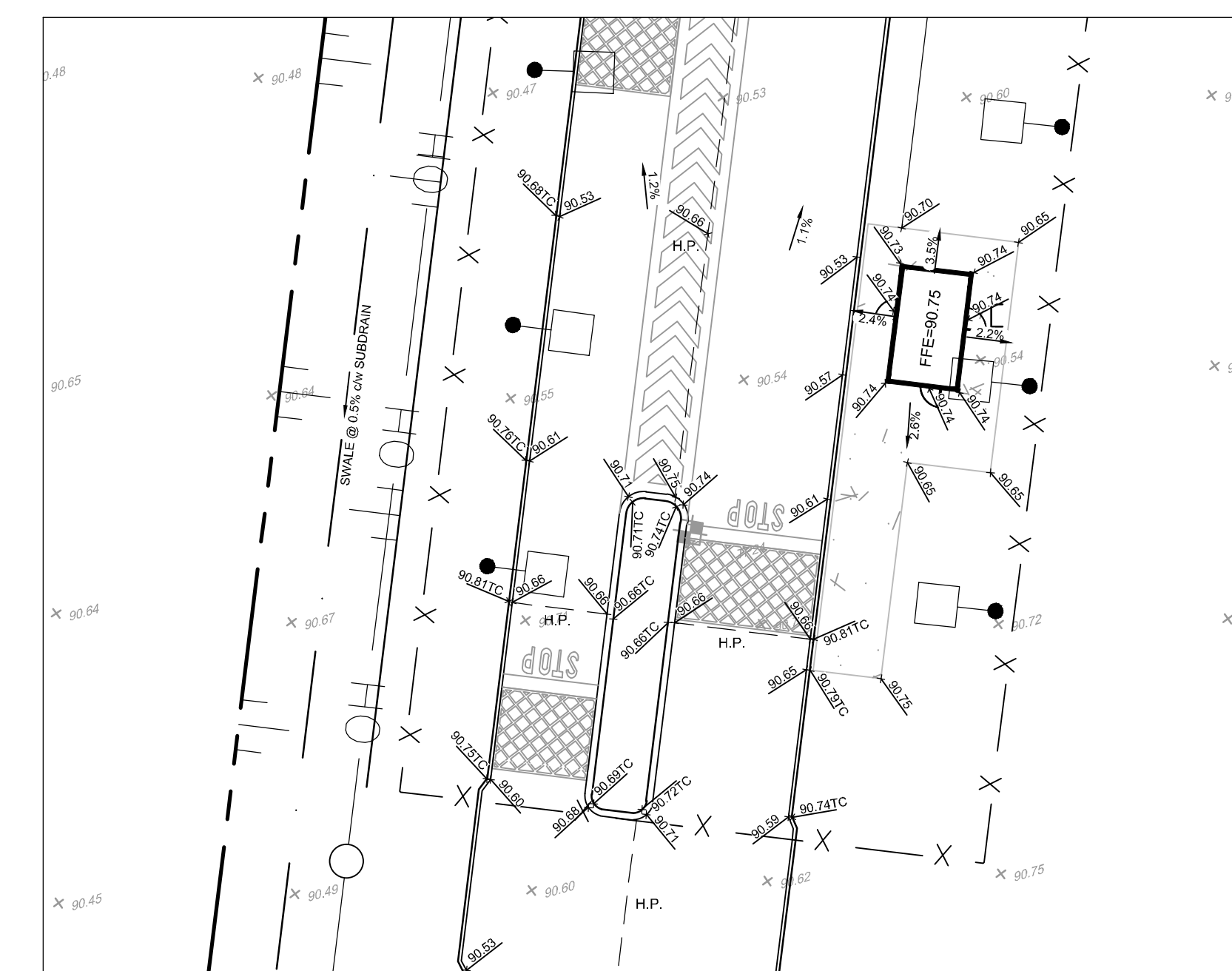
PARK GRADING
SCALE 1:500



PUMPHOUSE / WATER TANK GRADING
SCALE 1:500



MAIN GUARDHOUSE GRADING
SCALE 1:250



SECONDARY GUARDHOUSE GRADING
SCALE 1:250

LEGEND

- PROPERTY LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED SWALE ELEVATION
- PROPOSED BUILDING ENTRANCE
- DIRECTION OF MAJOR OVERLAND FLOW
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- PROPOSED CATCHBASIN
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- PROPOSED VALVE AND VALVE BOX
- PROPOSED POST INDICATOR VALVE
- PROPOSED CHAINLINK FENCE (REFER TO ARCHITECTURAL DRAWINGS)
- H.P.
- DC
- PROPOSED BITUMINOUS CONCRETE SPEED BUMP
- PROPOSED BOLLARDS (REFER TO ARCHITECTURE PLANS FOR DETAILS)
- PROPOSED UTILITY POLE CW GUY WIRES AND ANCHOR
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- EXISTING CATCHBASIN
- EXISTING LIGHT STANDARD
- EXISTING FENCE

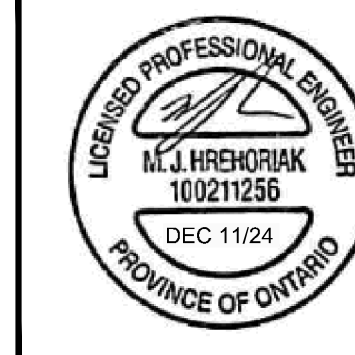
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SCALE	DESIGN
AS NOTED	MJH / LSC
	CHECKED MJH
	DRAWN LSC
	CHECKED MJH
	APPROVED MJH



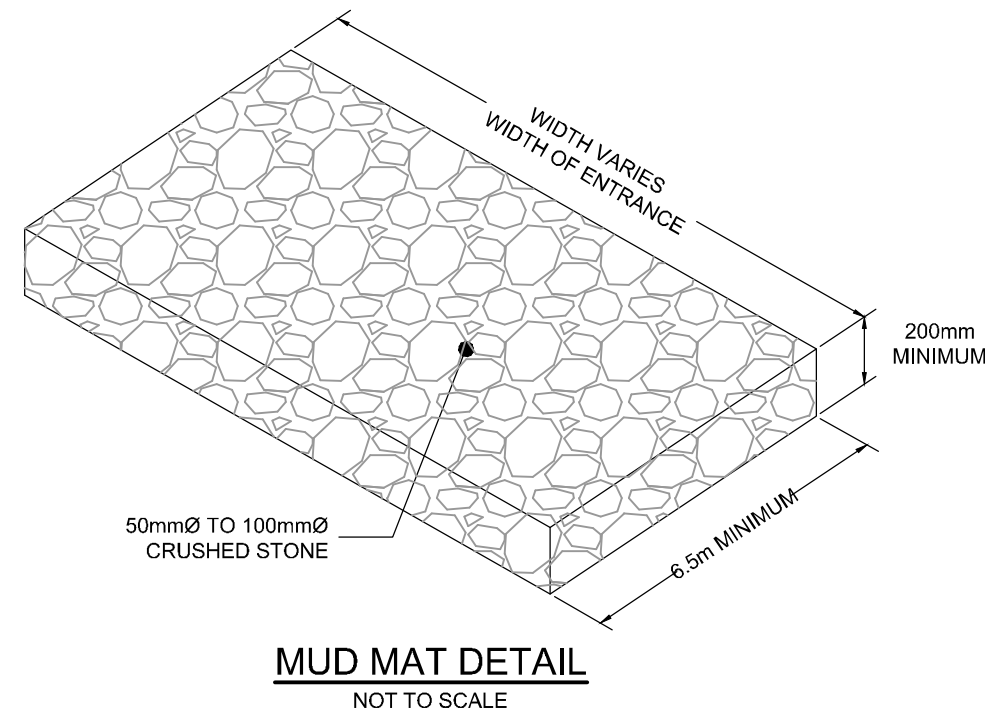
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LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE
DRAWING NAME
GRADING PLAN
DETAILED GRADING

PROJECT No.	REV	REV #	DRAWING No.
124123			

LEGEND

- PROPERTY LINE
- - - PROPOSED SWALE
- ||||| TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- PROPOSED FILTER BAGS AT CATCHBASINS, CATCHBASIN MANHOLES AND TRENCHDRAINS
- MM PROPOSED MUD MAT
- - - PROPOSED PEDESTRIAN FENCE (REFER TO LANDSCAPE)
- - - PROPOSED SECURITY FENCE (REFER TO LANDSCAPE)
- LIGHT DUTY SILT FENCE (OPSD 219.110)
- PROPOSED STORM MANHOLE
- PROPOSED BOX MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- ▽ PROPOSED BUILDING ENTRANCE
- ▨ STRAW BALE CHECK DAM (OPSD 219.180)
- ▨ RIP-RAP
- ▨ PROPOSED RETAINING WALL
- STMH ○ EXISTING STORM MANHOLE
- CB □ EXISTING CATCHBASIN
- LS ○ EXISTING LIGHT STANDARD
- X EXISTING FENCE

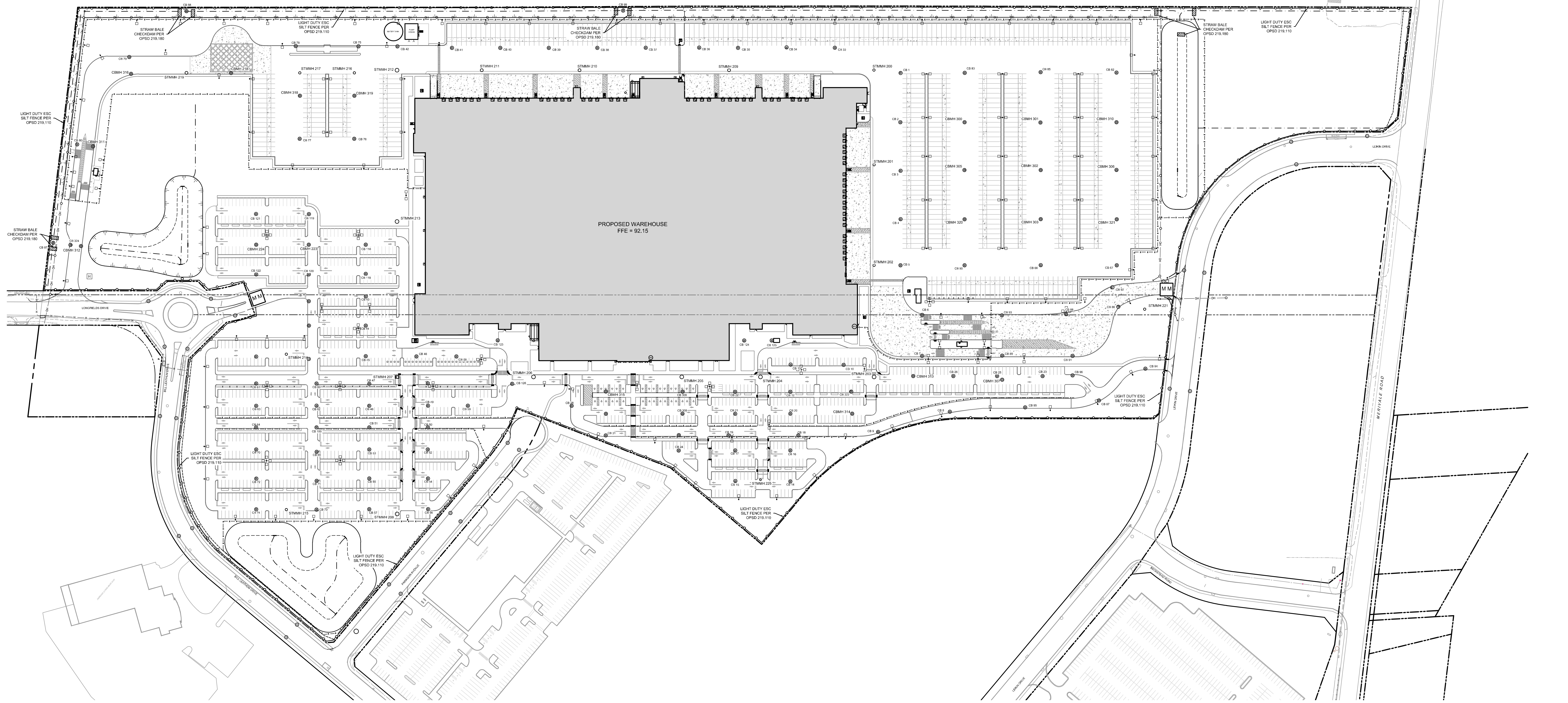
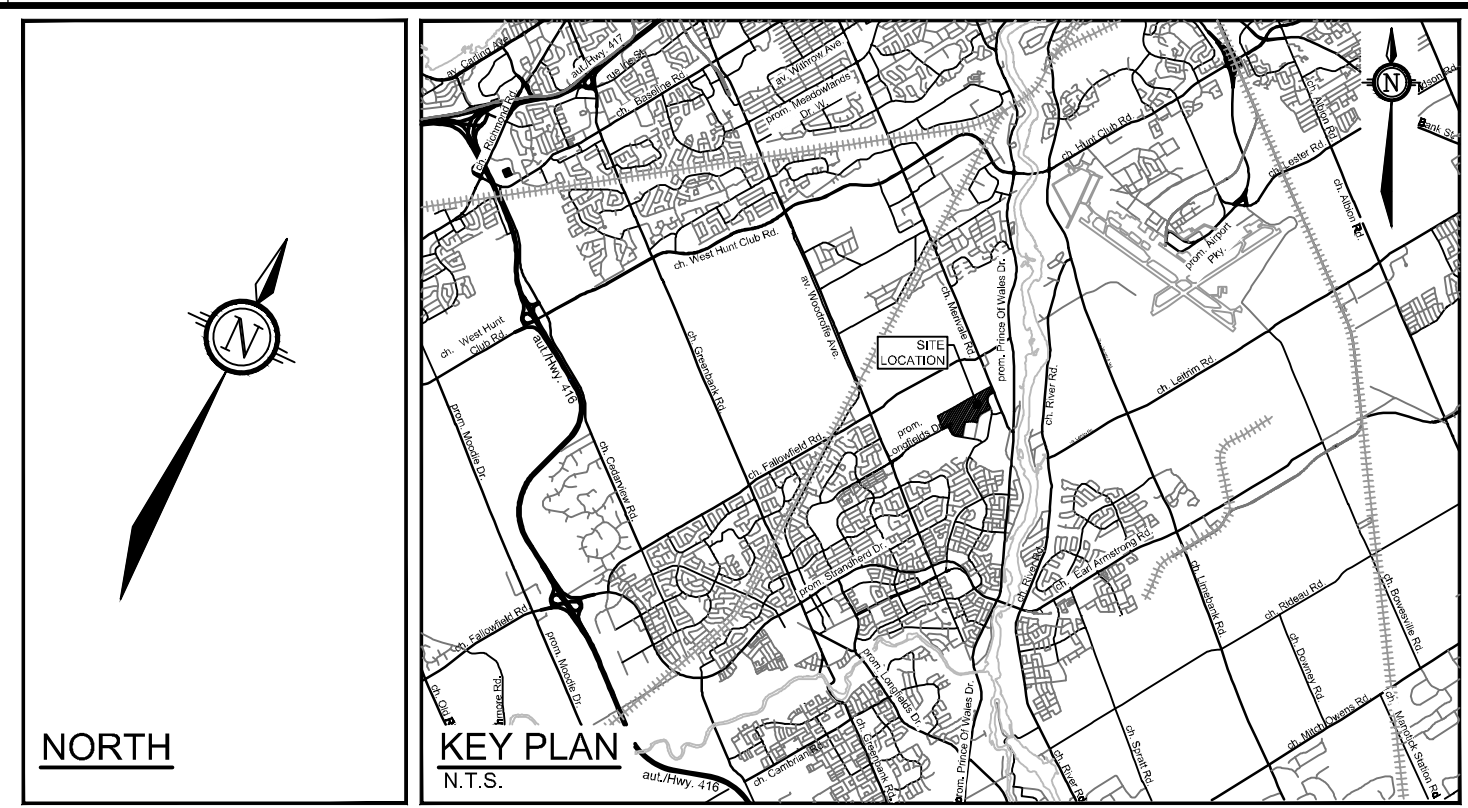


EROSION AND SEDIMENT CONTROL NOTES:

- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- 1) THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
 - 2) THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
 - 3) SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
 - 4) THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
 - 5) PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT TRANSPORT OFFSITE.
 - 6) EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.

APPROVED
By Lily Xu at 2:56 pm, Jan 23, 2025

Lily Xu
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA



REFER TO 124123-ND FOR ADDITIONAL NOTES

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SCALE	
1:1250	
1:1250	
0 10 20 30 40 50	

DESIGN	MJH / LSC
CHECKED	MJH
DRAWN	LSC
CHECKED	MJH
APPROVED	MJH



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LOCATION
CITY OF OTTAWA
99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE

DRAWING NAME
EROSION AND SEDIMENT CONTROL

PROJECT No.: 124123
REV #4
DRAWING No.: 124123-ESC
PLAN # 19192