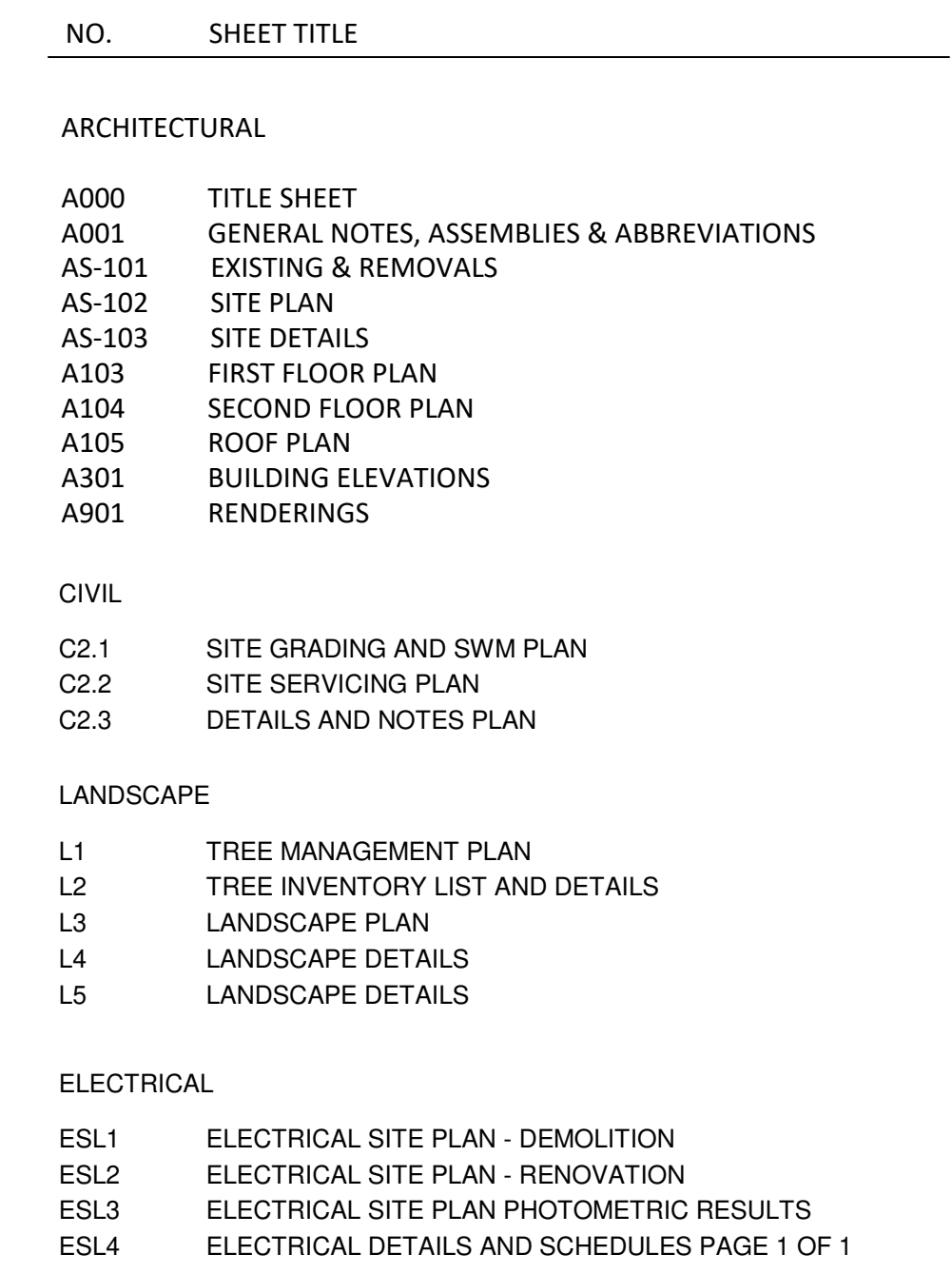




600 Tomlinson Drive, Port Elgin, Ontario, N0H 2C0

CONSULTING TEAM

SALTER PILON ARCHITECTURE INC.
151 FERRIS LANE, SUITE 400
BARRIE, ONTARIO
L4M 6C1
T: 705-737-3530
F: 705-737-3539

UNITY DESIGN STUDIO INC.
138 SIMCOE STREET,
PETERBOROUGH, ONTARIO
M5J 1V6
T: 705-743-3311

MTE CONSULTANTS INC.
123 ST. GEORGE STREET
LONDON, ONTARIO
N6A 3A1
T: 519-204-6510
F: 519-204-6511

AQUATIC DESIGN ENGINEERING
55 NORTHLAND ROAD
WATERLOO, ONTARIO
N2V 1Y8
T: 519-725-3555
F: 519-725-2515

DEI CONSULTING ENGINEERS
55 NORTHLAND ROAD
WATERLOO, ONTARIO
N2V 1Y8
T: 519-725-3555
F: 519-725-2515

HILL DESIGN STUDIO INC.
355-50 OTTAWA STREET SOUTH
KITCHENER, ONTARIO
N2G 3S7
T: 226-686-0700

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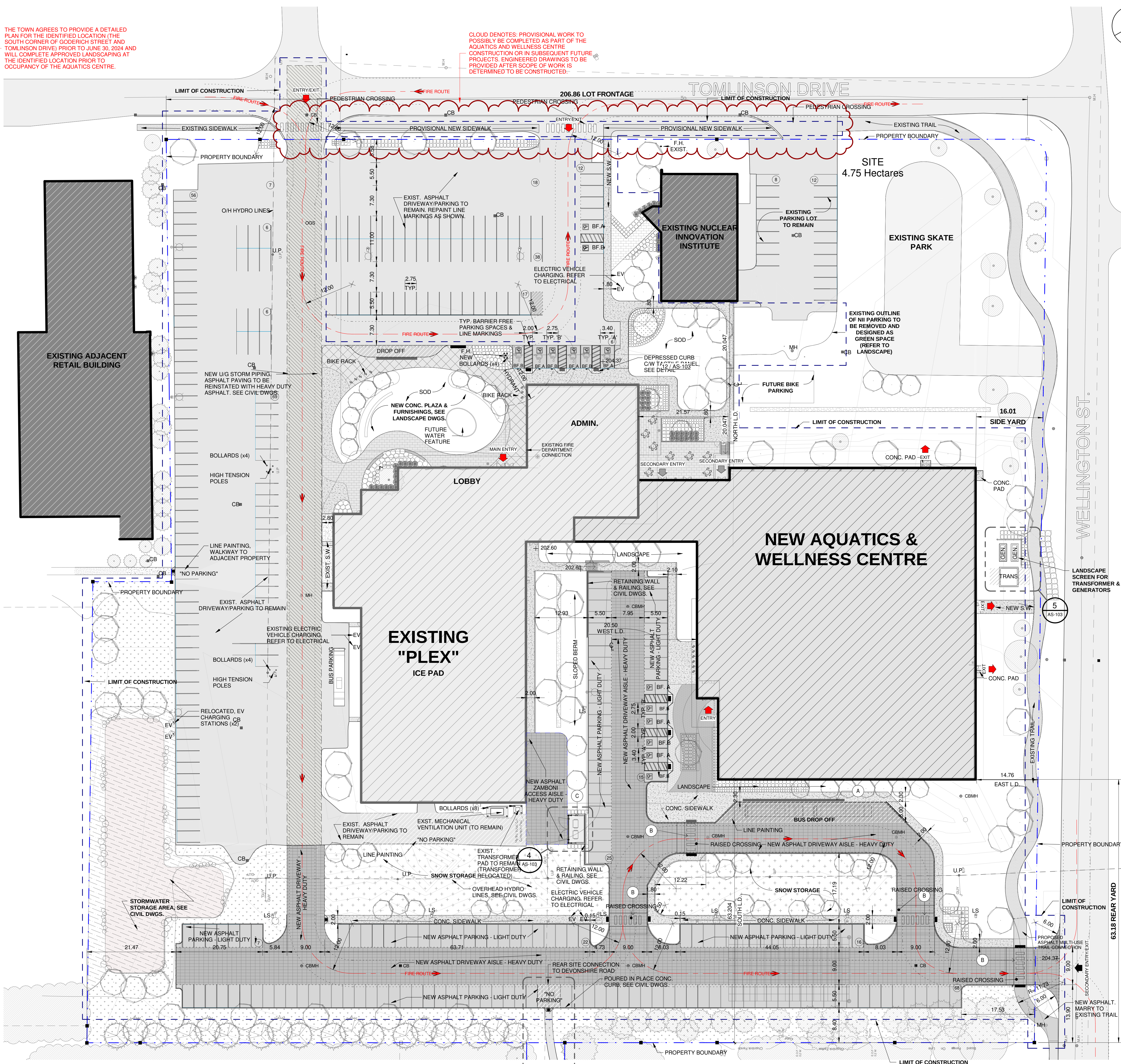
○ Unity

Project Information	
AQUATIC & WELLNESS CENTRE	
600 Tomlinson Dr, Port Elgin, ON	
For	
SAUGEEN SHORES	
Drawing Title	
TITLE SHEET	

Date JANUARY.30.2024.	Project No	Drawing No
Drawn by Author	22014	A000
Scale		

THE TOWN AGREES TO PROVIDE A DETAILED PLAN FOR THE IDENTIFIED LOCATION (THE SOUTH CORNER OF GODERICH STREET AND TOMLINSON DRIVE) PRIOR TO JUNE 30, 2024 AND WILL COMPLETE APPROVED LANDSCAPING AT THE IDENTIFIED LOCATION PRIOR TO OCCUPANCY OF THE AQUATICS CENTRE.

CLOUD DENOTES: PROVISIONAL WORK TO POSSIBLY BE COMPLETED AS PART OF THE AQUATICS AND WELLNESS CENTRE CONSTRUCTION OR IN SUBSEQUENT FUTURE PROJECTS. ENGINEERED DRAWINGS TO BE PROVIDED AFTER SCOPE OF WORK IS DETERMINED TO BE CONSTRUCTED.



SITE STATISTICS

SCOPE OF PROJECT:

THE PROJECT IS A TWO-STORY AQUATICS AND WELLNESS CENTRE ADDITION. THE PROGRAM OF THE NEW BUILD CONSISTS OF AN AQUATICS CENTRE AND A WELLNESS CENTRE WITH SUPPORTED ANCILLARY FUNCTIONS. THE SECOND FLOOR HOUSES THE MUNICIPAL OFFICES AND A POOL VIEWING AREA. THE NEW BUILD IS ATTACHED TO AN EXISTING ARENA AND MUNICIPAL OFFICES. THERE IS SELECTIVE RENOVATION OF THE MUNICIPAL OFFICES.

GENERAL:

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

SURVEY INFORMATION TAKEN FROM TOPOGRAPHICAL PLAN PREPARED BY RAIKES GEOMATICS INC., ONTARIO LAND SURVEYORS. DATED : NOV. 11, 2022

THE CONSULTANT ACCEPTS NO RESPONSIBILITY FOR ERRORS OR OMISSIONS RESULTING FROM INFORMATION TAKEN FROM THESE DRAWINGS.

1. ALL EXISTING ELEVATIONS ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL MAKE GOOD ANY DAMAGE TO EXISTING PAVED AREAS, CURBS, WALKWAYS AND OTHER SITE FEATURES DISTURBED OR DAMAGED BY THE WORK.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS RELATING TO SITE PLANS

MUNICIPAL ADDRESS:

600 TOMLINSON DR., PORT ELGIN, ON

LEGAL DESCRIPTION:

PLAN OF ALL OF LOTS 105 TO 151 INCLUSIVE AND ALL OF BLOCKS A, O AND P AND ALL OF RUBY MCGILLIVRAY CRESCENT AND PART OF BLOCK B REGISTERED PLAN M-63 (TOWN OF PORT ELGIN) TOWN OF SAUGEEN SHORES COUNTY OF BRUCE

ZONING STATISTICS FOR I ZONE:

LOT FRONTAGE (TOMLINSON DR.)	= 206.90m
FRONT YARD SETBACK	= 78.96m
REAR YARD SETBACK	= 66.13m
SIDE YARD SETBACK (WELLINGTON ST.)	= 16.01m
SITE AREA	= 47,526 m ²
BLDG FOOTPRINT (PLEX + AWC)	= 9072 m ²
BLDG (NUCLEAR INSTITUTE)	= 374 m ²
TOTAL BUILDING COVERAGE	= 20 %
HARDSCAPE AREA COVERAGE	= 22.183 m ²
LANDSCAPE AREA COVERAGE	= 15.697 m ²
	= 33 %

GROSS FLOOR AREA

NAME	AREA	AREA ft ²
------	------	----------------------

SITE AREA

SITE	AREA	Hectares
	47,526.27 m ²	4.75 hectare

PARKING SPACES

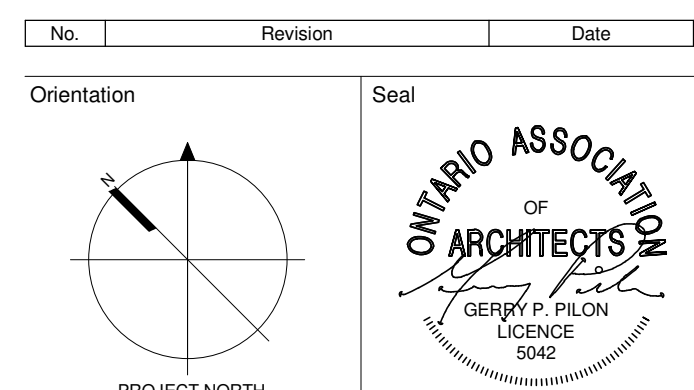
ID	DESCRIPTION	QTY.
Existing		
PS-1	2.75x5.5 STANDARD SPACE	222
PS-2	2.75x5.5 EXISTING STANDARD SPACE	20
		242
New Construction		
PS-1	2.75x5.5 STANDARD SPACE	151
PS-A	3.4x5.5 ACCESSIBILITY SPACE (TYPE A)	7
PS-B	2.75x5.5 ACCESSIBILITY SPACE (TYPE B)	7
		165
Grand total		407

SITE PLAN NOTES

No.	NOTE
A	DROPPED CURB WITH TACTILE INDICATORS (DC)
B	RAISED PEDESTRIAN CROSSING
C	REFUSE ENCLOSURE

APPROVED BY TOWN OF SAUGEEN SHORES
JULY 21, 2023

No.	Revision	Date
4	RE ISSUED FOR SITE PLAN APPROVAL	JANUARY 30, 2024
3	RE ISSUED FOR SITE PLAN APPROVAL	OCTOBER 2, 2023
2	RE ISSUED FOR SITE PLAN APPROVAL	JULY 20, 2023
1	ISSUED FOR SITE PLAN APPROVAL	MAY 19, 2023



All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in accordance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

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Architects Inc.

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1
salterpilon.com t: 705.737.3530

Project Information
AQUATIC & WELLNESS CENTRE

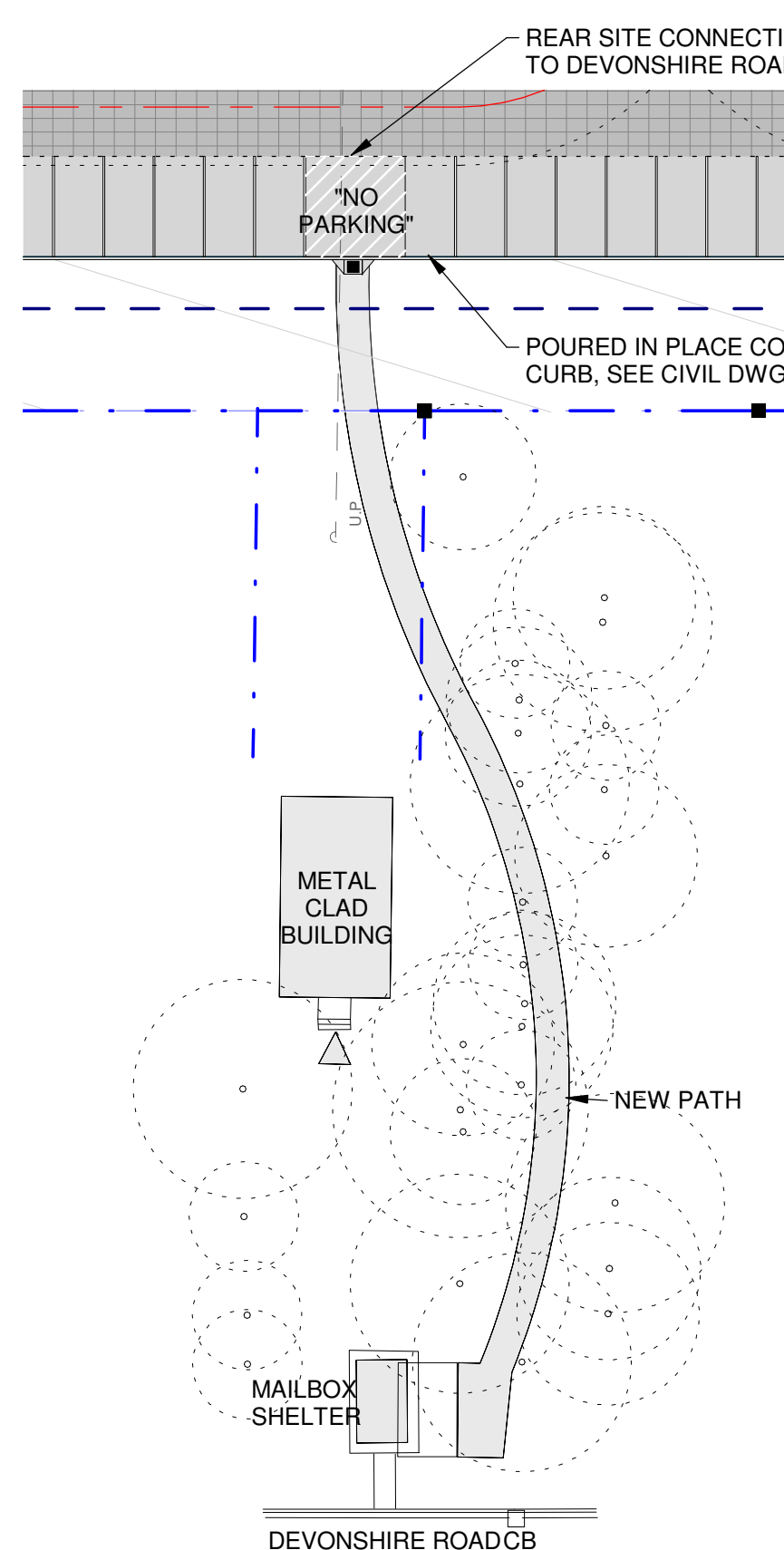
600 Tomlinson Dr, Port Elgin, ON

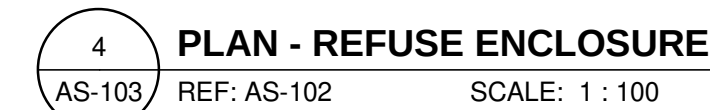
For
SAUGEEN SHORES

Drawing Title
SITE PLAN

Date	JANUARY 30, 2024	Project No		Drawing No	
Drawn by		22014	AS-102		
Scale	As indicated				

2
AS-102
ROAD CONNECTION PATH
SCALE: 1 : 375





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Project Information

**AQUATIC & WELLNESS
CENTRE**

600 Tomlinson Dr, Port Elgin, ON
For
SAUGEEN SHORES

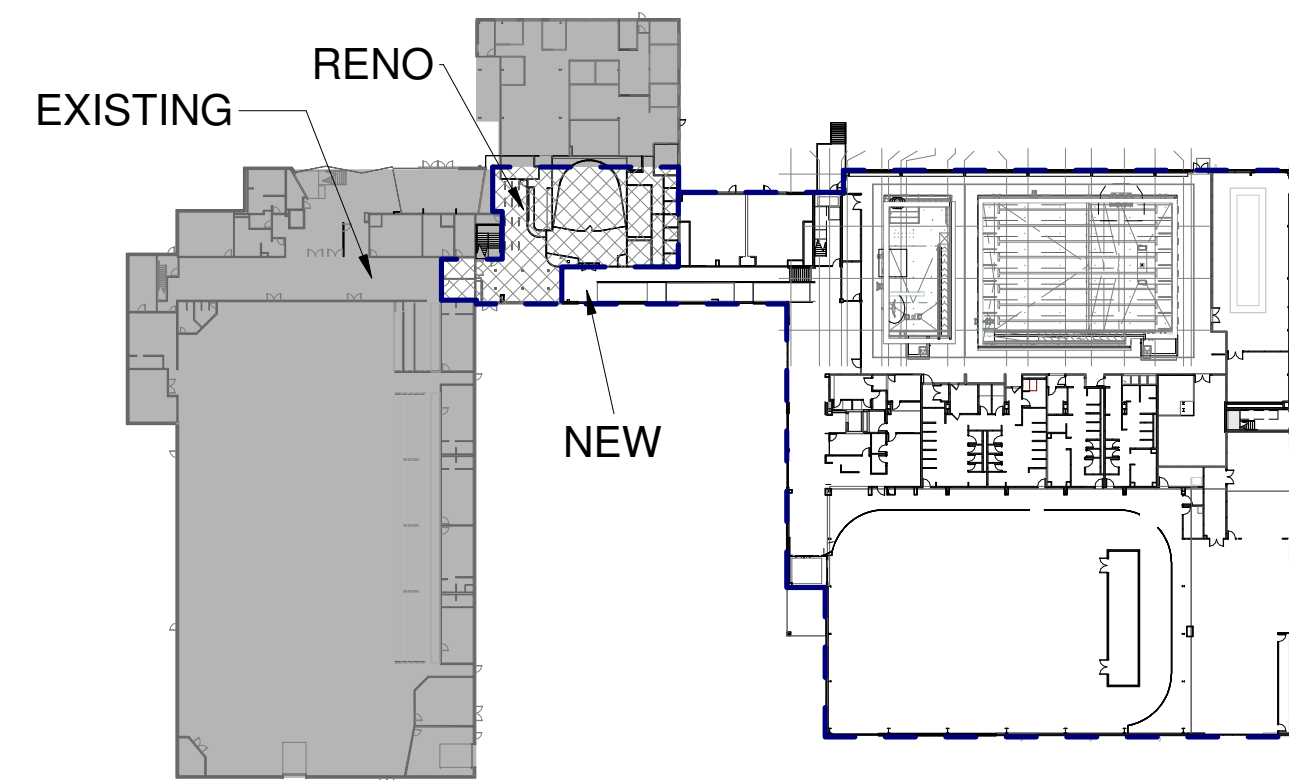
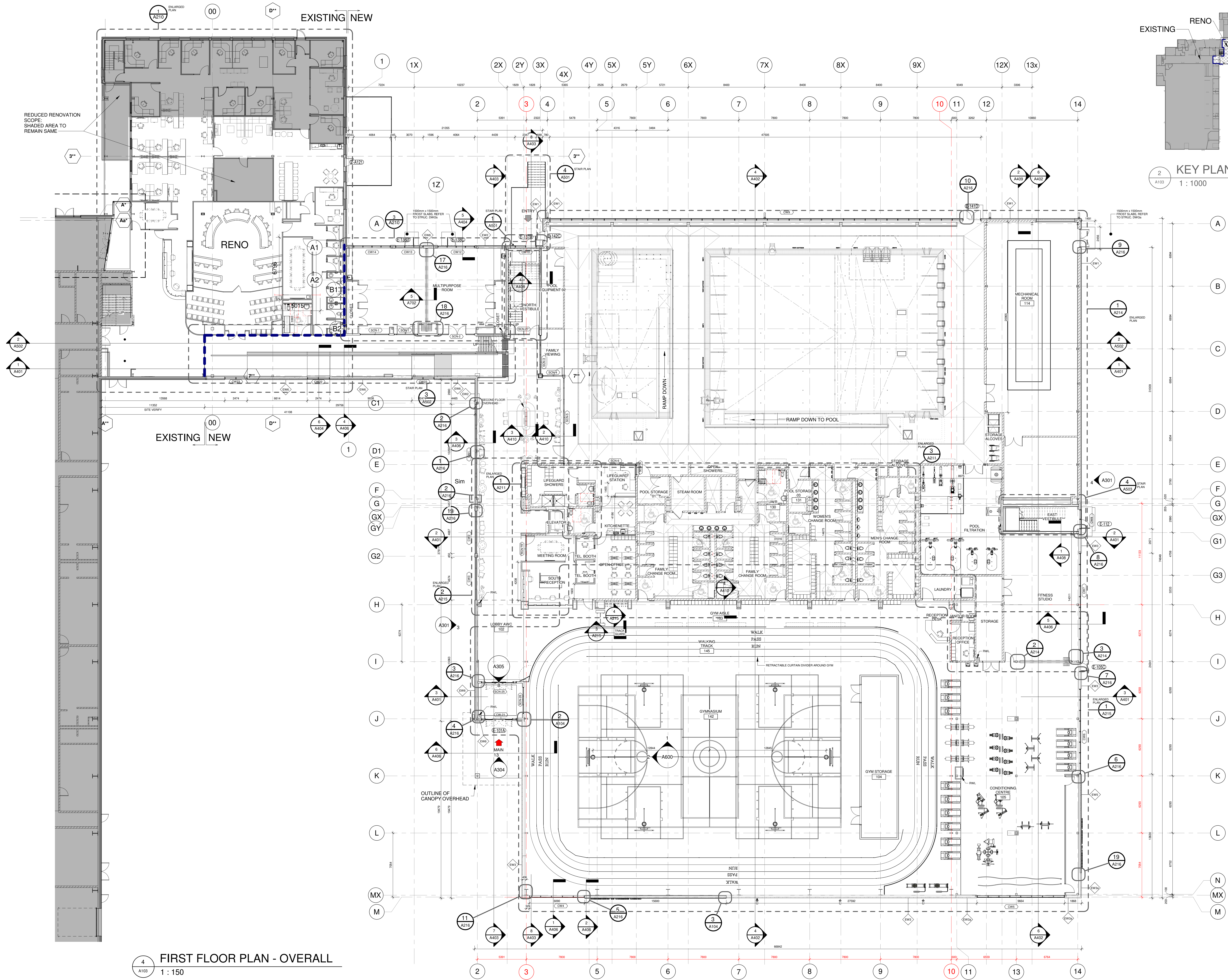
Drawing Title

SITE DETAILS

Date	Project No	Drawing
JANUARY 20, 2004		

Date	Project No	Drawing No
JANUARY.30.2024.	22014	AS-103
Drawn by		
Scale		

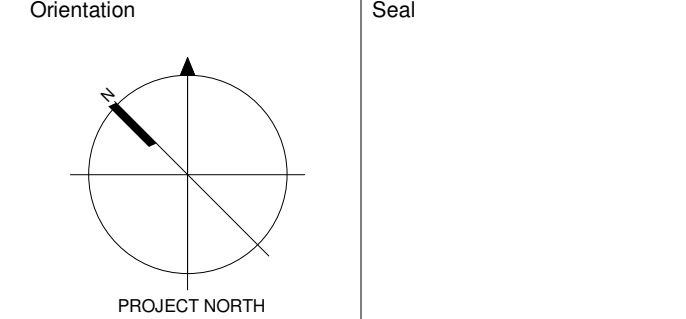
Autodesk Docs://Saugen Shores Aquatics & Wellness/2014_Saugen Shores_P22.rvt
2024-01-30 11:52:58 AM



- FLOOR PLAN GENERAL NOTES**
1. DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETE, OR METAL STUD UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO EXTERIOR TO FACE OF FLOOR OR ROOF UNLESS NOTED OTHERWISE.
 2. REFER TO FIRE SEPARATION DETAILS FOR LOCATIONS OF ALL RATED WALLS.
 3. ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWS AND METAL STUD ASSEMBLIES FROM TOP OF SCREENDOOR FRAME TO UNDERLIE OF DECK UNLESS A DETAIL HAS BEEN PROVIDED BY STRUCTURAL WITH LOCK WALL ABOVE TO US DECK. WHERE SCREENS OR DOORS DOOR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATION, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED.
 4. WHERE FIRE RATED PARTITIONS ADJUT NON-RATED PARTITIONS THE FIRE RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ADJUTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION.
 5. SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION RATINGS ARE CALLED FOR ON THE WALL TYPE.
 6. SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION RATINGS ARE CALLED FOR ON THE WALL TYPE.
 7. REFER TO STRUCTURAL DRAWINGS FOR LATERAL SUPPORT AT THE TOP OF CMU WALLS.
 8. ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE BURNING BLOCK UNLESS NOTED OTHERWISE.
 9. REFER TO STRUCTURAL DWGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES ETC NOT SHOWN ON ARCHITECTURAL DRAWINGS.

4	RE ISSUED FOR SITE PLAN APPROVAL	JANUARY 30, 2024
3	RE ISSUED FOR SITE PLAN APPROVAL	OCTOBER 2, 2023
2	RE ISSUED FOR SITE PLAN APPROVAL	JULY 20, 2023
1	ISSUED FOR SITE PLAN APPROVAL	MAY 19, 2023

No.	Revision	Date
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Project Information
AQUATIC & WELLNESS CENTRE

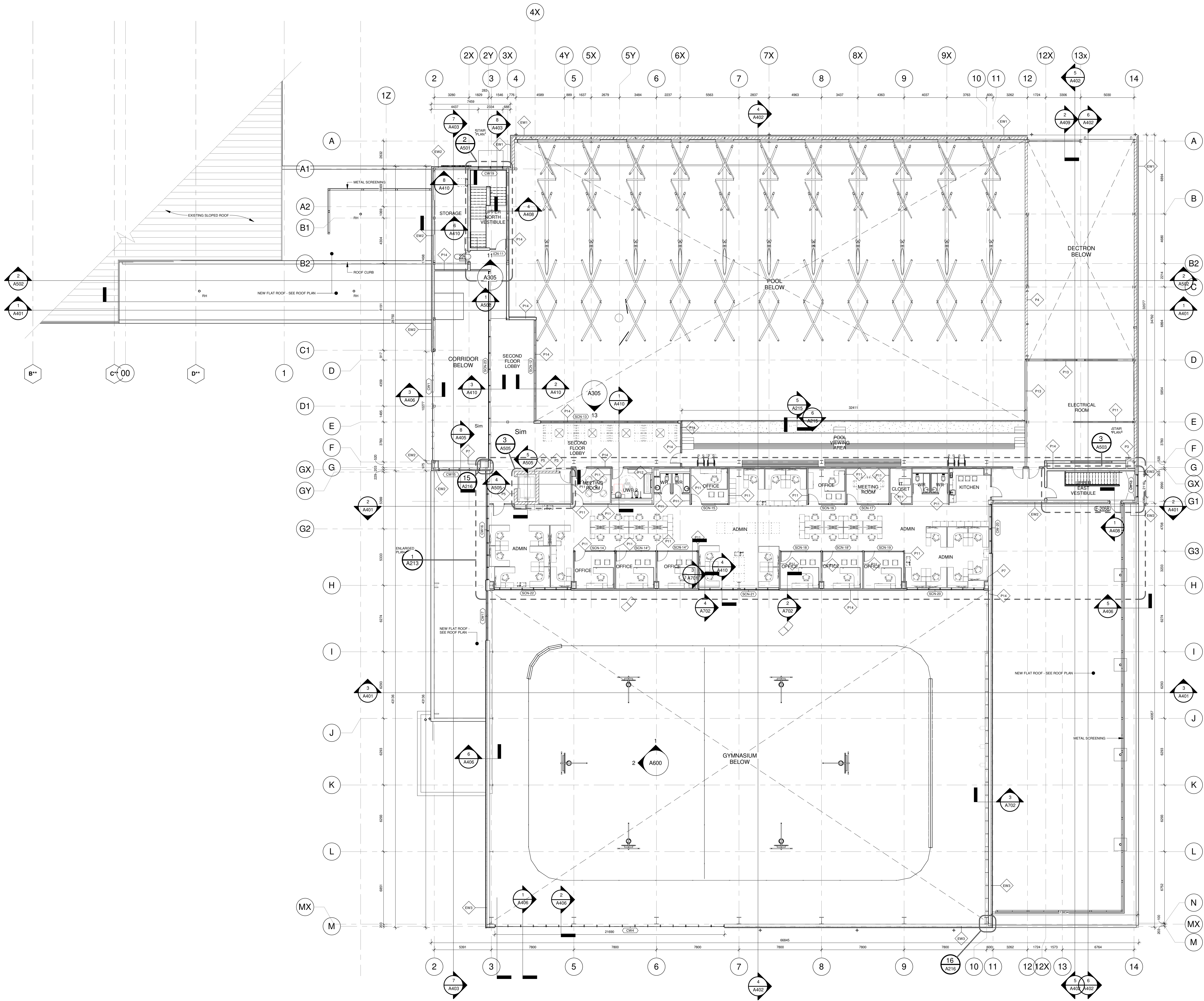
600 Tomlinson Dr, Port Elgin, ON

For
SAUGEN SHORES

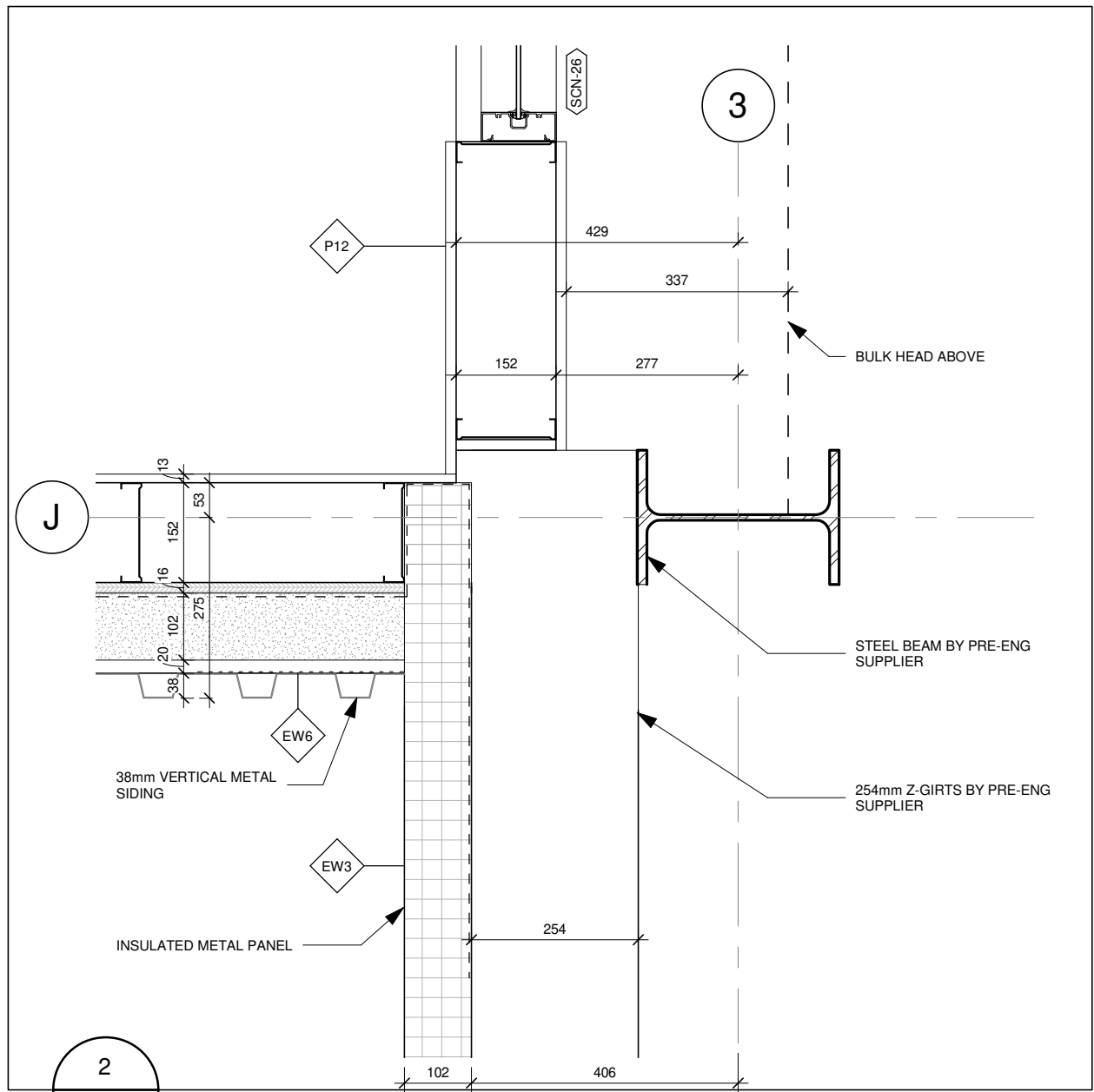
Drawing Title
FIRST FLOOR PLAN

Date JANUARY 30, 2024.	Project No 22014	Drawing No A103
Drawn by dd		
Scale As indicated		

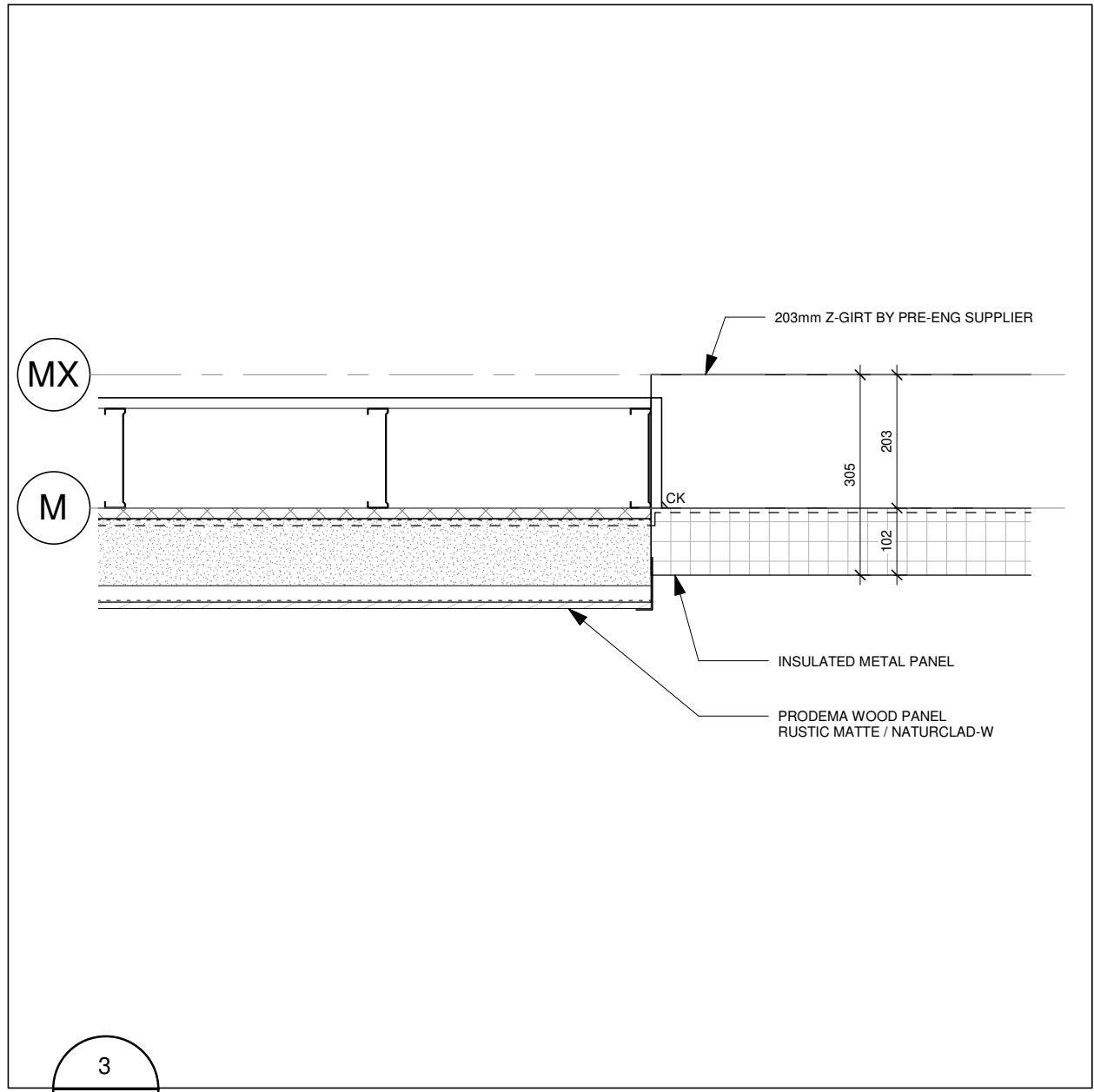
Autodesk Docs://Saugen Shores Aquatics & Wellness/2014_Saugen Shores_P22.rvt
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1 SECOND FLOOR-EAST
A104 1 : 150



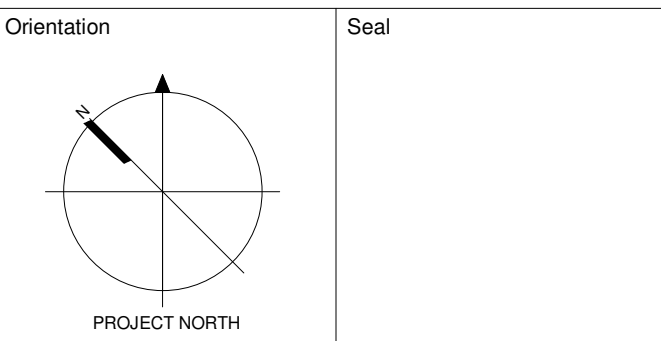
1 : 10



1 : 10

4	RE-ISSUED FOR SITE PLAN APPROVAL	JANUARY 30, 2024
3	RE-ISSUED FOR SITE PLAN APPROVAL	OCTOBER 2, 2023
2	RE-ISSUED FOR SITE PLAN APPROVAL	JULY 20, 2023
1	ISSUED FOR SITE PLAN APPROVAL	MAY 19, 23

No.	Revision	Date
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Project Information
AQUATIC & WELLNESS CENTRE

600 Tomlinson Dr, Port Elgin, ON

For
SAUGEN SHORES

Drawing Title
SECOND FLOOR PLAN

Date	JANUARY 30, 2024.	Project No	22014	Drawing No	A104
Drawn by	cp				
Scale	As indicated				



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Project Information

AQUATIC & WELLNESS CENTRE

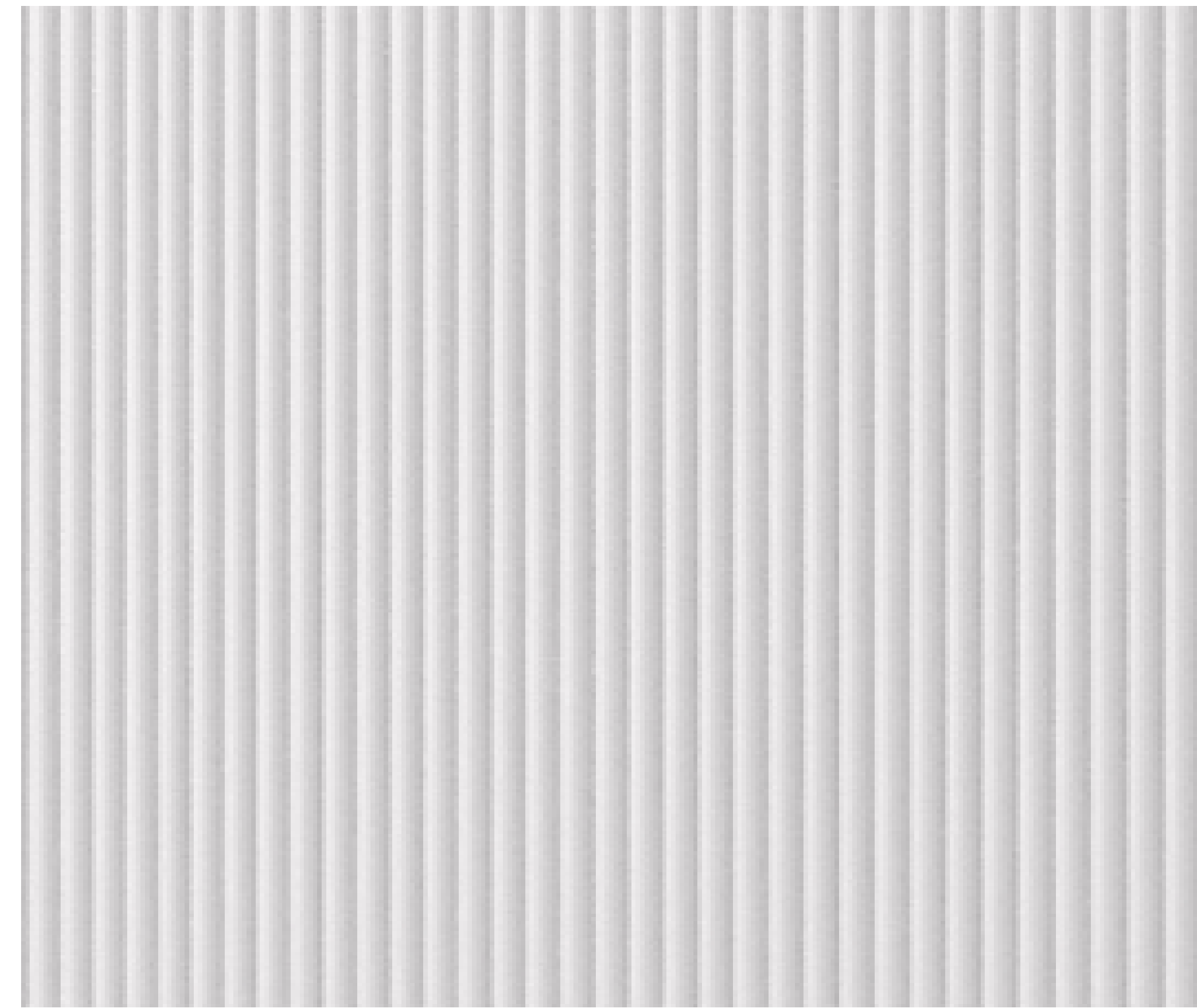
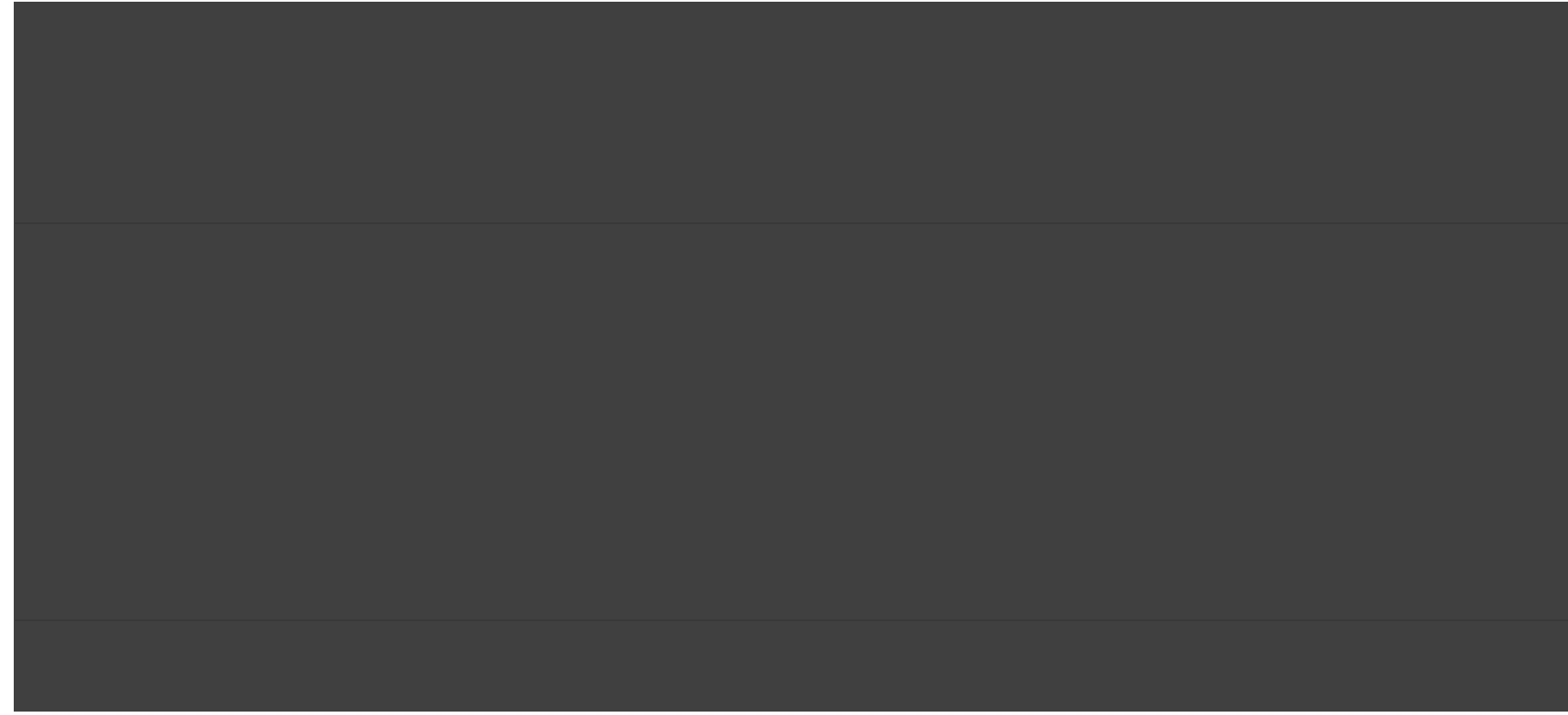
600 Tomlinson Dr, Port Elgin, ON

SAUGEEN SHORES

Drawing Title

BUILDING ELEVATIONS

Date JANUARY.30.2024.	Project No	Drawing No
Drawn by dd	22014	A301
Scale 1 : 200		



4	RE ISSUED FOR SITE PLAN APPROVAL	JANUARY 30, 2004
3	RE ISSUED FOR SITE PLAN APPROVAL	OCTOBER 2, 2003
2	RE ISSUED FOR SITE PLAN APPROVAL	JULY 20, 2003
1	ISSUED FOR SITE PLAN APPROVAL	MAY 19, 2003
No.	Revision	Date
Orientation		Seal

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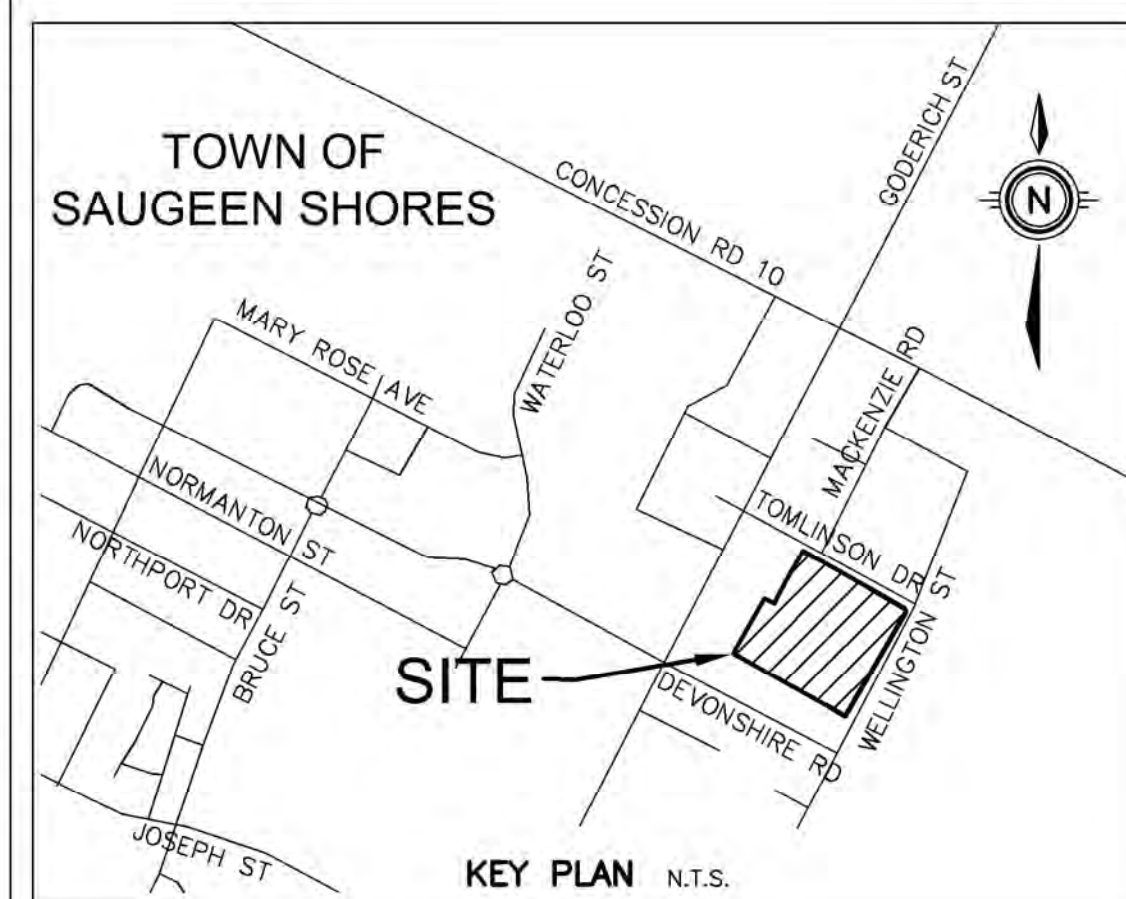
Project Information

**AQUATIC & WELLNESS
CENTRE**

For

SAUGEE SHORES

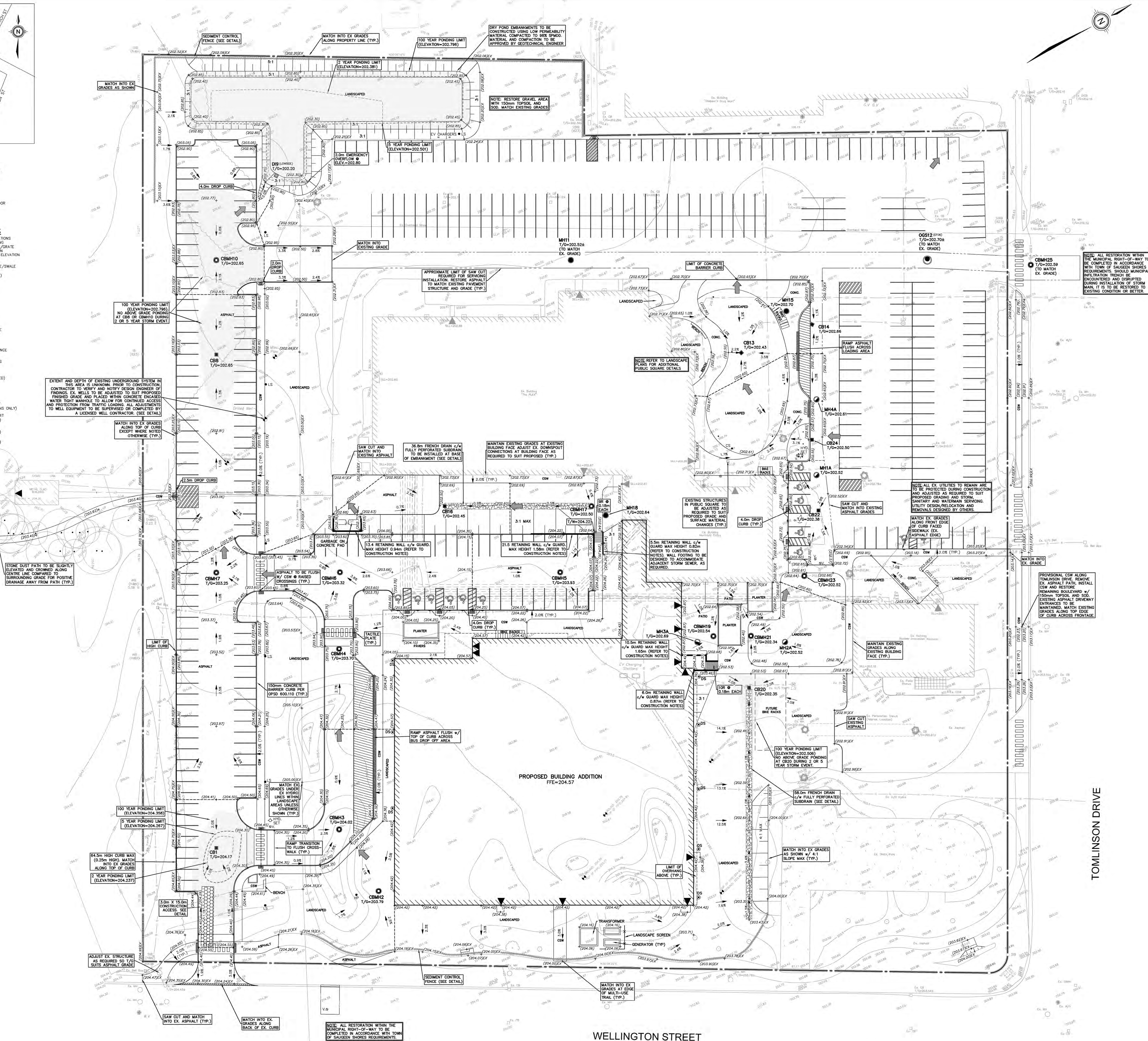
Date JANUARY.30.2024.	Project No	Drawing No
Drawn by Author	22014	A901
Scale		



LEGEND OF EXISTING FEATURES

- LEGEND OF EXISTING FEATURES
- SITE BOUNDARY
 - EXISTING SPOT ELEVATIONS/CONTOURS
 - EXISTING CURB
 - EXISTING BUILDING
 - EXISTING FENCE
 - EXISTING OVERHEAD DOOR
 - EXISTING MAN DOOR
 - EXISTING DIRECTION OF DRAINAGE
- LEGEND OF PROPOSED FEATURES
- PROPOSED SPOT ELEVATIONS
 - EX - MAINTAIN EXISTING
 - 1/0 - TOP OF CASTING/GRATE
 - WV - INVERT ELEVATION
 - FEE - FINISHED FLOOR ELEVATION
 - DIRECTION OF DRAINAGE/SWALE
 - DRAINAGE SPILT (PROJ.)
 - PROPOSED BUILDING
 - OVERHEAD DOOR
 - MAN DOOR
 - FENCE
 - CONCRETE CURB
 - OVERLAND FLOW ROUTE (MAJOR STORM)
 - SAW CUT
 - SEEDMENT CONTROL FENCE (SEE DETAIL)
 - CONSTRUCTION ACCESS (SEE DETAIL)
 - 8'x8' RUP (SIZE & TYPE AS NOTED)
 - BLT SACK (SEE DETAIL)
 - CLEAN CUT (STORM)
 - PROPOSED DOWNSPOUT (CONCEPTUAL LOCATIONS ONLY)
 - 100 YEAR PONDING LIMIT (ELEVATION=AS NOTED)
 - 5 YEAR PONDING LIMIT (ELEVATION=AS NOTED)
 - 2 YEAR PONDING LIMIT (ELEVATION=AS NOTED)

DEVONSHIRE ROAD



WELLINGTON STREET

TOMLINSON DRIVE

ISSUE / REVISIONS

1. ISSUED FOR PRELIMINARY COSTING	FEB.10/23
2. ISSUED FOR SPA	MAY.19/23
3. Revised per Town Comments	JUL.29/23
4. ISSUED FOR SERVING PERMIT	JUL.29/23
5. ISSUED FOR TENDER	AUG.24/23
6. ISSUED FOR TENDER; ADDENDUM 1A	SEP.27/23
7. ISSUED FOR TENDER 1A; ADDENDUM 2	OCT.13/23
8. ISSUED FOR TENDER PACKAGE 2	OCT.24/23
9. ISSUED FOR CONSTRUCTION	OCT.25/23
10. ISSUED FOR BUILDING PERMIT	DEC.19/23
11. REVISED PER RFI #2	JAN.10/24
12. REVISED FOR SPA	JAN.30/24

NOTE:

1. DO NOT SCALE DRAWINGS.
2. CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
3. ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.
4. THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT MTE CONSULTANTS INC. CANNOT CERTIFY AND COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY MTE CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.
5. PROPERTY-LINE IS APPROXIMATE ONLY.
6. SERVING CONFIGURATION WITHIN RIGHT OF WAYS TAKEN FROM PLAN AND PROFILE DRAWINGS PREPARED BY THE TOWN OF SAUGUEN SHORES DATED SEPT. 2000 AND IS CONSIDERED APPROXIMATE ONLY.
7. ALL TOPOGRAPHICAL INFORMATION AND SERVING INFORMATION WITHIN SITE IS TAKEN FROM TOPOGRAPHICAL SURVEY COMPLETED BY RAYNES GEOMATICS INC. DATED NOV. 11, 2022, AND SUPPLEMENTED BY AVAILABLE RECORD DRAWINGS, LOCATES AND FIELD FINDINGS. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION AND STRUCTURE ORDERING AND NOTIFY DESIGN ENGINEER OF DISCREPANCIES. FULL EXTENT OF EX. UTILITIES AND SERVING MAY NOT BE SHOWN.
8. THIS PLAN IS PART OF A SET OF PLANS WHICH COMPRISE OF THE FOLLOWING: C2.1, C2.2, C2.3 AND THE SWM REPORT.
9. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL REMOVALS INFORMATION.



All dimensions to be checked and verified on site. Do not scale drawings. Any discrepancies are to be reported to the Consultant. All drawings remain the property of the Consultant. Only latest approved drawings to be used for construction.

PROJECT No. 52299-200
SCALE: 1:300

0 3 6 9 12 15m

**SAUGUEN SHORES
AQUATIC &
WELLNESS CENTER**

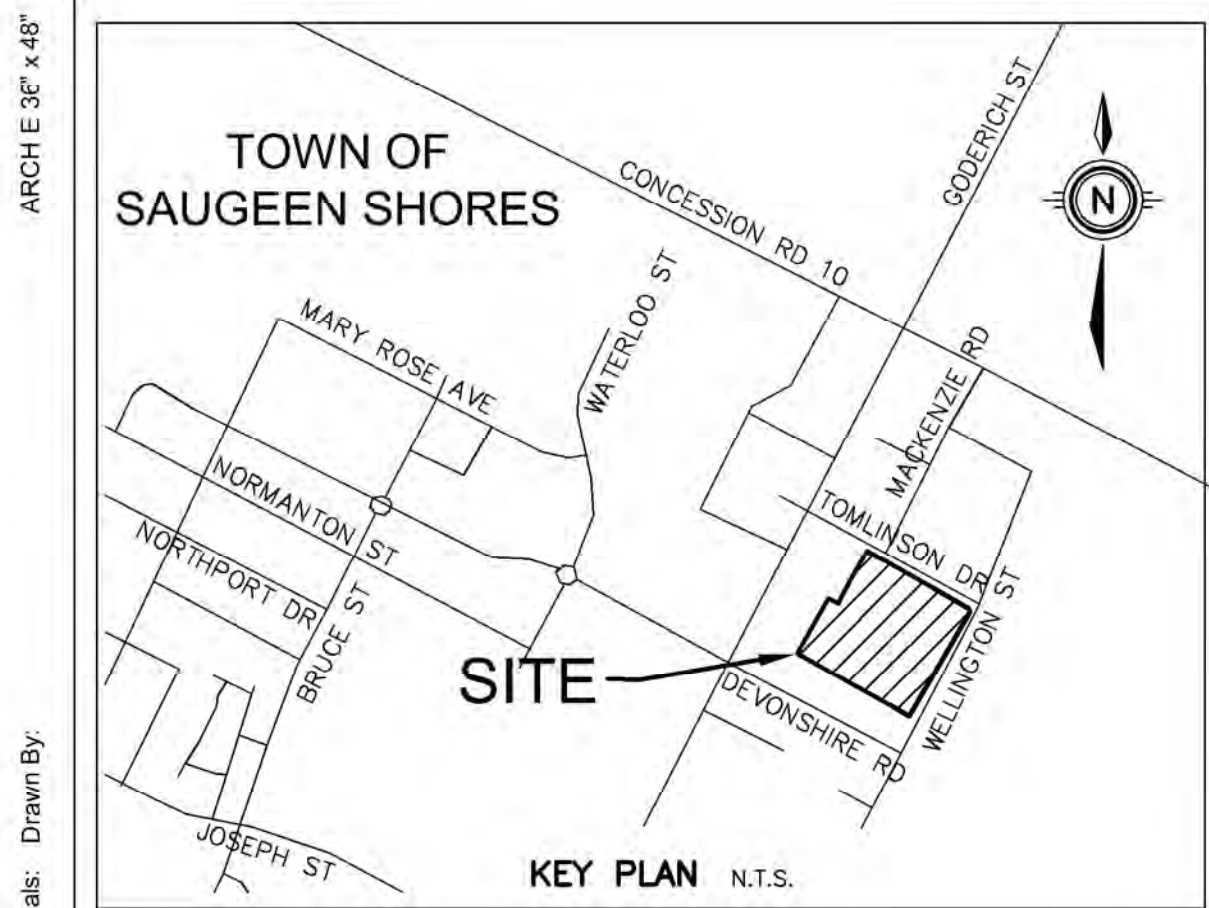
600 TOMLINSON DR., TOWN OF SAUGUEN SHORES

Drawing Title:

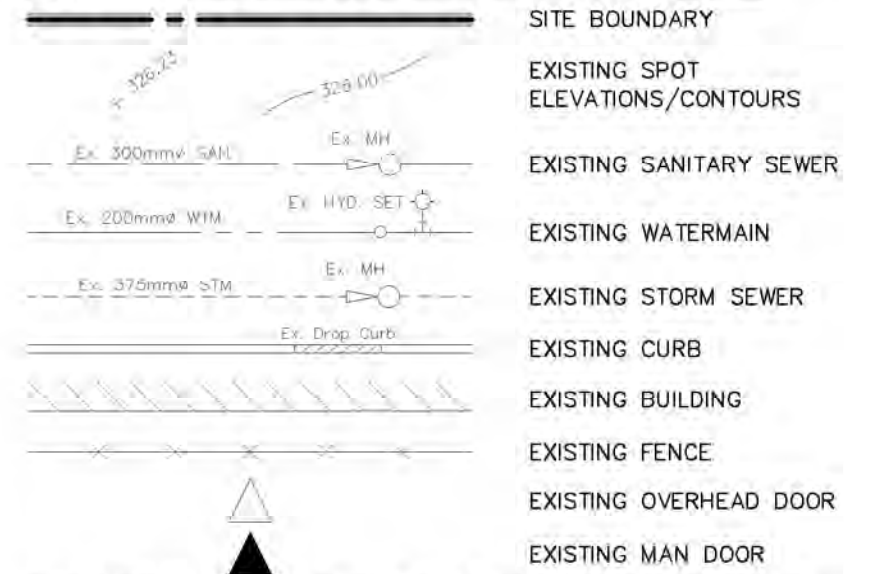
**SITE GRADING AND
SWM PLAN**

Drawing No.:

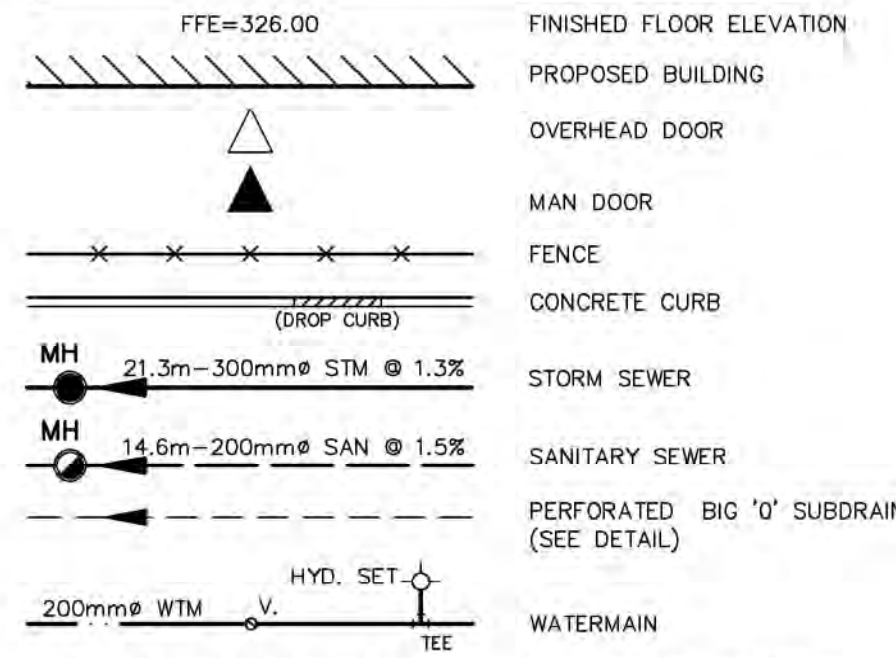
C2.1



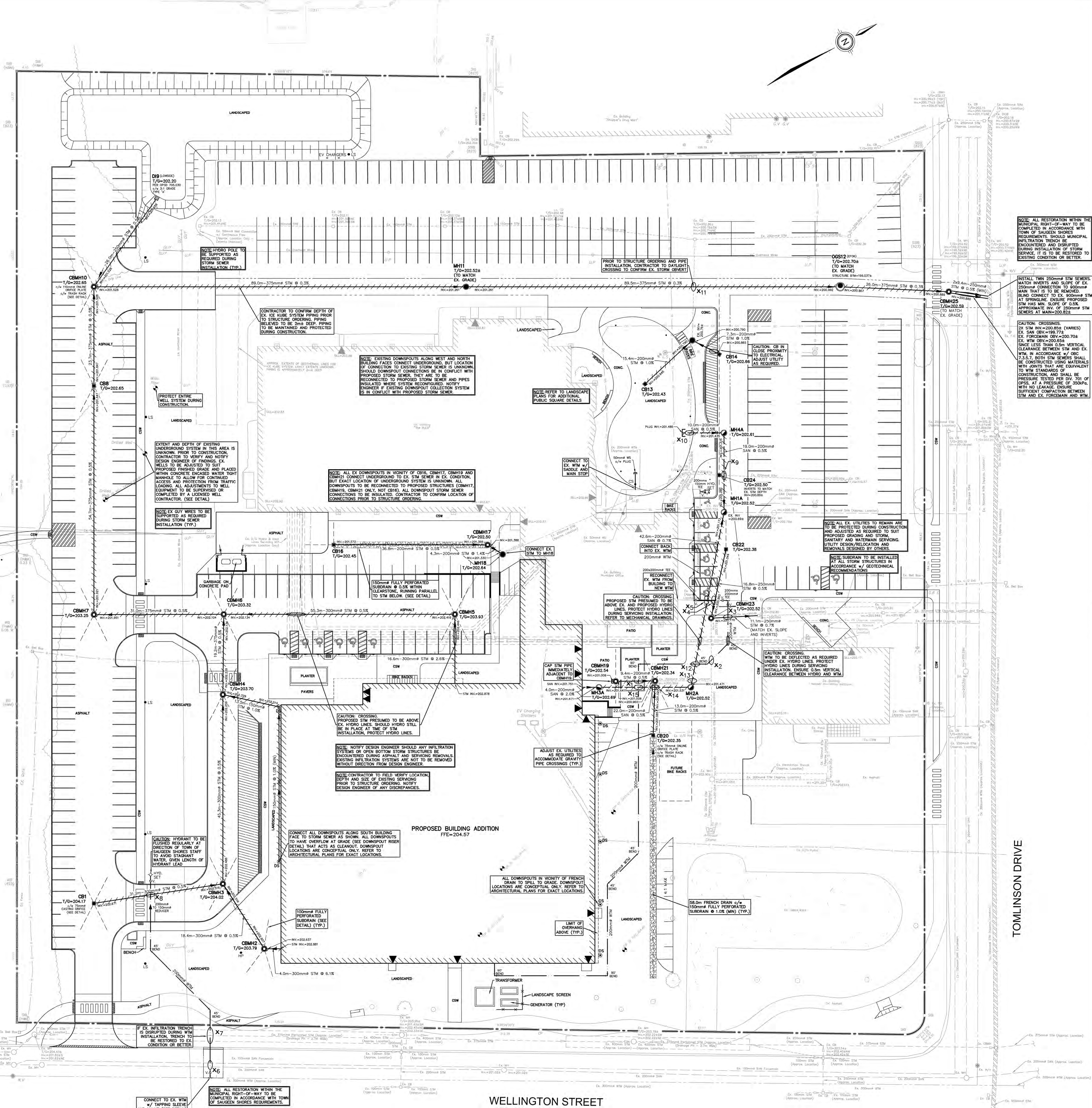
LEGEND OF EXISTING FEATURES



LEGEND OF PROPOSED FEATURES



SEWER CROSSING CHART				
CROSSING #	SEWER TYPE	SEWER SIZE (mm)	CROSSING ELEVATION	NOTES
X1	STM	200	INV=200.980	ENSURE 0.5m VERTICAL CLEARANCE BETWEEN EX STM AND WTM
	WTM	200	OBV=200.344	
X2	EX STM	200	EX INV=200.853	ENSURE 0.5m VERTICAL CLEARANCE BETWEEN EX STM AND WTM
	WTM	200	OBV=200.244	
X3	STM	250	EX INV=200.744	ENSURE 0.5m VERTICAL CLEARANCE BETWEEN EX STM AND WTM
	WTM	200	OBV=200.344	
X4	STM	250	INV=201.319	INSTALL NEW WTM AND DEFLECT BELOW PROPOSED SANITARY TO ENSURE 0.5m VERTICAL CLEARANCE BETWEEN EX STM AND WTM
	WTM	200	OBV=200.244	
X5	SAN	200	INV=201.319	INSTALL NEW WTM AND DEFLECT BELOW PROPOSED SANITARY TO ENSURE 0.5m VERTICAL CLEARANCE BETWEEN EX STM AND WTM
	WTM	200	OBV=200.344	
X6	EX SAN	200	EX INV=201.244	DEFLECT WTM TO ENSURE 0.5m VERTICAL CLEARANCE BETWEEN WTM AND EX SAN
	WTM	200	OBV=200.704	
X7	EX STM TRENCH	EX	INV=201.304	DEFLECT WTM TO ENSURE 0.5m VERTICAL CLEARANCE BETWEEN TRENCH AND WTM
	WTM	200	OBV=200.704	
X8	STM	300	INV=202.606	DEFLECT WTM TO ENSURE 0.5m VERTICAL CLEARANCE BETWEEN STM AND WTM
	WTM	150	OBV=202.102	
X9	SAN	200	INV=201.329	VERIFY EX STM DEPTH PRIOR TO STRUCTURE ORDERING. ENSURE SUFFICIENT COMPACTION BETWEEN EX AND PROPOSED STM
	EX STM	200	EX OBV=201.054	
X10	SAN	200	INV=201.475	
	EX STM	200	EX OBV=201.104	
X11	STM	375	INV=201.097	
	EX STM	200	EX OBV=200.934	
X12	SAN	200	INV=201.433	
	WTM	200	OBV=200.344	
X13	SAN	200	INV=201.460	
	EX STM	200	EX OBV=201.168	
X14	EX STM	200	EX OBV=201.574	
	STM	200	OBV=201.230	
X15	SAN	200	INV=201.594	
	WTM	200	OBV=200.344	



ISSUE / REVISIONS		
1. ISSUED FOR PRELIMINARY COSTING	FEB.10/23	
2. ISSUED FOR SPA	MAY.19/23	
3. Revised per Town Comments	JUL.20/23	
4. ISSUED FOR SERVING PERMIT	JUL.28/23	
5. ISSUED FOR TENDER	AUG.24/23	
6. ISSUED FOR TENDER; ADDENDUM 1A	SEP.27/23	
7. ISSUED FOR TENDER 1A; ADDENDUM 2	OCT.15/23	
8. ISSUED FOR TENDER PERMIT	OCT.25/23	
9. ISSUED FOR BUILDING PERMIT	DEC.19/23	
10. REVISED PER RFI #2	JAN.10/24	
11. REVISED FOR SPA	JAN.30/24	

- NOTE:
1. DO NOT SCALE DRAWINGS.
 2. CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
 3. ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY MTE CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.
 4. THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT MTE CONSULTANTS INC. CANNOT CERTIFY AND COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY MTE CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.
 5. PROPERTY-LINE IS APPROXIMATE ONLY.
 6. SERVING CONFIGURATION WITHIN RIGHT OF WAYS TAKEN FROM PLAN AND PROFILE DRAWINGS PREPARED BY THE TOWN OF SAUGUEN SHORES DATED SEPT. 2000 AND IS CONSIDERED APPROXIMATE ONLY.
 7. ALL TOPOGRAPHICAL INFORMATION AND SERVING INFORMATION WITHIN SITE IS TAKEN FROM TOPOGRAPHICAL SURVEY COMPLETED BY RAKES GEOMATICS INC. DATED NOV. 11, 2022, AND SUPPLEMENTED BY AVAILABLE RECORD DRAWINGS, LOCATES AND FIELD VISIT FINDINGS. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION AND STRUCTURE ORDERING AND NOTIFY DESIGN ENGINEER OF DISCREPANCIES, FULL EXTENT OF EX UTILITIES AND SERVING MAY NOT BE SHOWN.
 8. THIS PLAN IS PART OF A SET OF PLANS WHICH COMPRISE OF THE FOLLOWING: C2.1, C2.2, C2.3 AND THE STM REPORT.
 9. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL REMOVALS INFORMATION.



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PROJECT NO. 52299-200
SCALE: 1:300
0 3 6 9 12 15m

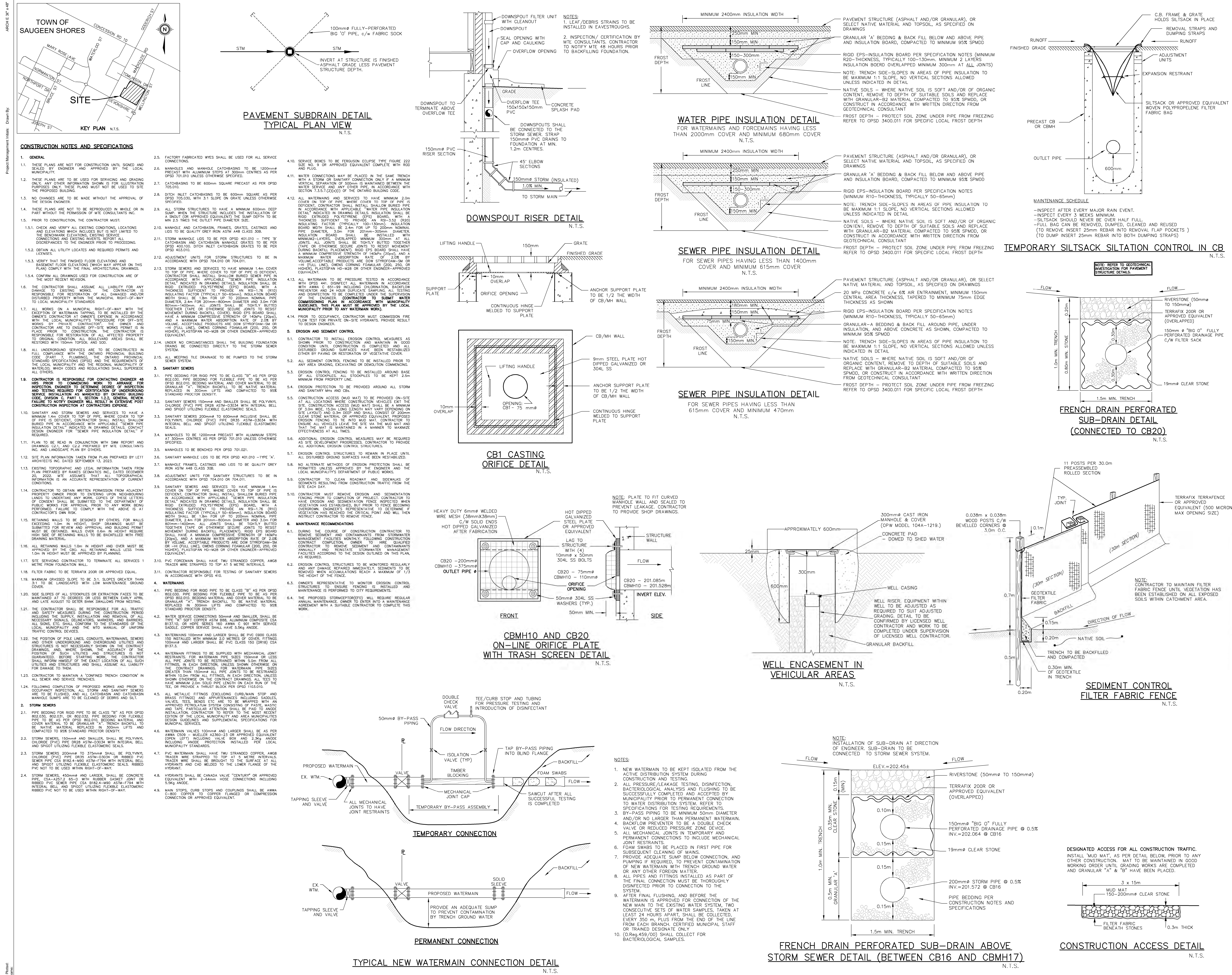
SAUGUEN SHORES
AQUATIC &
WELLNESS CENTER

600 TOMLINSON DR., TOWN OF SAUGUEN SHORES
Drawing Title:

SITE SERVING
PLAN

Drawing No:

C2.2



GENERAL NOTES

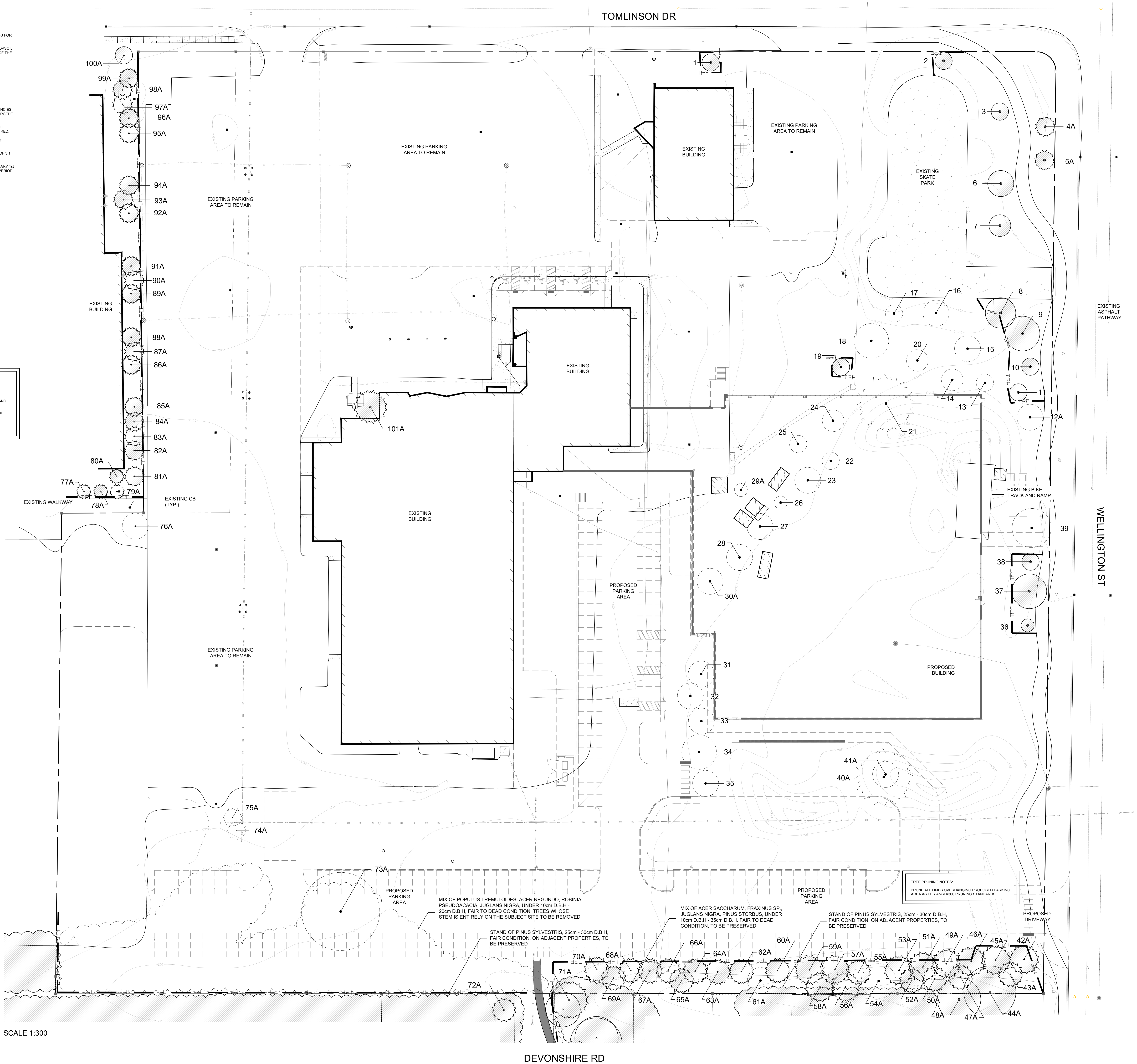
1. ALL WORKMANSHIP WILL BE TO THE STANDARDS OF LANDSCAPE ONTARIO.
2. ALL PLANT MATERIAL TO BE NO 1 GRADE NURSERY GROWN IN ACCORDANCE WITH THE CANADIAN STANDARDS FOR NURSERY STOCK, 9TH EDITION, 2017, BY THE CANADIAN NURSERY TRADES ASSOCIATION.
3. BACKFILL WILL CONSIST OF SOIL NATIVE TO THE SITE OR GENERAL SOIL TYPE-CLASS NATIVE TO THE SITE. TOPSOIL TO BE TESTED FOR NUTRIENT VALUE, AND AMENDED FOR OPTIMAL GROWTH AS PER THE RECOMMENDATIONS OF THE SOIL TEST.
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6. ALL MATERIALS MUST BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
7. SPREAD MULCH TO A MINIMUM OF 100mm COMPACTED DEPTH ON ALL TREE PITS AND PLANTING BEDS.
8. CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED IN WRITING TO THE LANDSCAPE ARCHITECT. QUANTITIES NOTED WITHIN THE PLAN SUPERSEDE THOSE IN THE PLANT LIST. ANY SUBSTITUTIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
9. SOD AS MARKED WITH NURSERY SOD ON A MINIMUM OF 100mm OF CLEAN TOPSOIL. FINE GRADE AND SOD ALL BOLLIVARD AREAS TO MUNICIPAL SPECIFICATIONS AND REPAIR DAMAGE TO ADJACENT PROPERTIES, AS REQUIRED.
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14. EXISTING CONDITIONS INFORMATION PROVIDED BY RAINES GEOMATICS INC.
15. SITE PLAN INFORMATION AS PER LETT ARCHITECTS INC.
16. ENGINEERING AS PER MTE, AND IS PROVIDED FOR INFORMATION ONLY.
17. SITE LIGHTING BY OTHERS.

LEGEND

- EXISTING INVENTORED TREES TO REMAIN
- EXISTING INVENTORED TREES TO BE REMOVED
- TFF TREE PROTECTION FENCE

NOTES

- SITE VISIT DATE: JANUARY 5, 2023
- TREE INVENTORY COMPLETED BY ISA CERTIFIED ARBORIST CATHERINE HODGINS #ON-22554A
- TREE LOCATIONS AND DIRMES BASED ON EXISTING CONDITIONS PLAN PROVIDED BY RAINES GEOMATICS INC. AND HILL DESIGN STUDIO FIELD SURVEY ON JANUARY 5, 2023.
- 8A DENOTES APPROXIMATE TREE LOCATION BASED ON HILL DESIGN FIELD SURVEY ON AUGUST 5, 2022 AND AERIAL PHOTOGRAPHY.
- REFER TO L2 FOR TREE INVENTORY LIST AND PROTECTION DETAILS.

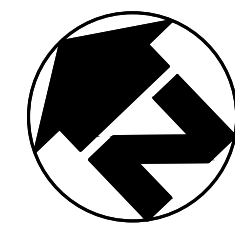


SCALE 1:300

ISSUE / REVISIONS

- | | |
|---------------------------------|-------------|
| 1. Issued for SPA | May 19, 23 |
| 2. Reissued for SPA | Jul 20, 23 |
| 3. Issued for Tender Package 1a | Aug 24, 23 |
| 4. Issued for addendum #2 | Sept 27, 23 |
| 5. Reissued for SPA | Oct 16, 24 |

APPROVED BY TOWN
OF SAUGEEN SHORES
JULY 21, 2023



All dimensions to be checked and verified on site. Do not scale drawings. Any discrepancies are to be reported to the Consultant. All drawings remain the property of the Consultant. Only latest approved drawings to be used for construction.

PROJECT No. 2022-49
SCALE: 1:300

SAUGEEN SHORES
AQUATIC & WELLNESS
CENTRE

600 Tomlinson Dr., Port Elgin, ON
Drawing Title:

TREE MANAGEMENT
PLAN

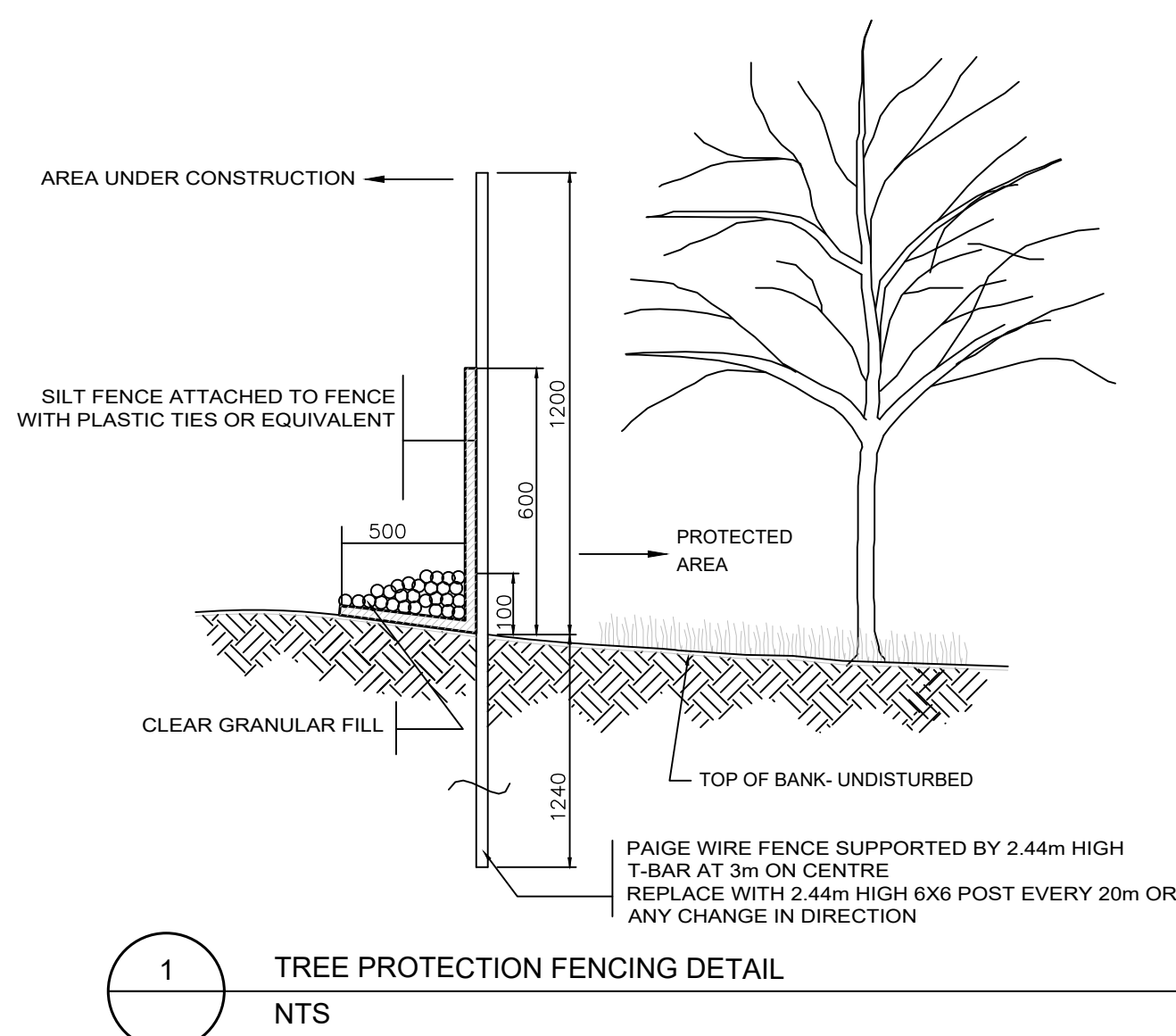
Drawing No.:

L1

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8. SPREAD MULCH TO A MINIMUM OF 100mm COMPACTED DEPTH ON ALL TREE PITS AND PLANTING BEDS.
9. CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED IN WRITING TO THE LANDSCAPE ARCHITECT. QUANTITIES NOTED WITHIN THE PLAN SUPERCEDE THOSE IN THE PLANT LIST. ANY SUBSTITUTIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
10. SOO AS MARKED WITH NURSERY SOO ON A MINIMUM OF 100mm OF CLEAN TOPSOIL. FINE GRADE AND SOO ALL BOULEVARD AREAS TO MUNICIPAL SPECIFICATIONS AND REPAIR DAMAGE TO ADJACENT PROPERTIES, AS REQUIRED.
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17. ENGINEERING AS PER MTE, AND IS PROVIDED FOR INFORMATION ONLY.
18. SITE LIGHTING BY OTHERS.

#	Tree Species	Q.A. (km)	Condition	Status	Ownership	Comments
1A	Acer platanoides	14	Good	Preserve	Subject Site	Male stakes in, no bees
2	Tilia amurensis	14	Good	Preserve	Subject Site	
3	Tilia amurensis	10/10	Fair	Presence	Subject Site	Co-dominant stems with included bark, suckering
4A	Picea japonica	22	Good	Preserve	Subject Site	
5A	Picea japonica	20	Good	Presence	Subject Site	
6	Acer platanoides	18	Good	Presence	Subject Site	Sealed with wax
7	Tilia amurensis	20	Good	Presence	Subject Site	Branch at base
8	Acer platanoides	25	Good	Presence	Subject Site	
9	Gleditsia thorncroftii var. nemors	14	Good	Presence	Subject Site	
10	Tilia amurensis	14	Good	Presence	Subject Site	Co-dominant stems with included bark
11	Acer platanoides	14	Good	Presence	Subject Site	
12A	Acer platanoides	17	Good	Presence	Subject Site	
13	Acer platanoides	17	Good	Remove	Subject Site	
14	Acer platanoides	22	Good	Remove	Subject Site	
15	Tilia amurensis	20	Good	Remove	Subject Site	
16	Gleditsia thorncroftii var. nemors	14	Good	Remove	Subject Site	
17	Tilia amurensis	20	Good	Remove	Subject Site	
18	Gleditsia thorncroftii var. nemors	16	Good	Remove	Subject Site	
19	Tilia amurensis	14	Good	Presence	Subject Site	
20	Tilia amurensis	20	Good	Remove	Subject Site	
21	Pinus koraiensis	44	Good	Remove	Subject Site	
22	Rhusus typholobium	20	Good	Remove	Subject Site	
23	Acer platanoides	25	Good	Remove	Subject Site	
24	Acer platanoides	17	Good	Remove	Subject Site	
25	Acer platanoides	14	Fair	Remove	Subject Site	Trunk cracked
27	Aquilaria sinensis	20	Good	Remove	Subject Site	
28	Acer platanoides	24	Good	Remove	Subject Site	
29A	Acer platanoides	12	Good	Remove	Subject Site	
30	Tilia amurensis	20	Good	Remove	Subject Site	
31	Gleditsia thorncroftii var. nemors	10	Fair	Remove	Subject Site	
32	Gleditsia thorncroftii var. nemors	16	Good	Remove	Subject Site	
33	Acer platanoides	25	Good	Remove	Subject Site	
34	Tilia amurensis	10/21/31/35/50	Good	Remove	Subject Site	
35	Acer platanoides	25	Fair	Remove	Subject Site	
36	Acer platanoides	12	Fair	Presence	Subject Site	
37	Tilia amurensis	26	Good	Presence	Subject Site	
38	Acer platanoides	18	Fair	Presence	Subject Site	Trunk wound
39	Tilia amurensis	28	Fair	Presence	Subject Site	
40A	Picea japonica	22/23	Fair	Remove	Subject Site	
41A	Morus alba	30	Fair	Remove	Subject Site	
42A	Picea japonica	20	Good	Presence	Subject Site	
43A	Picea japonica	19	Good	Presence	Subject Site	Trin crown, suppressed
44A	Ligustrum sinense	35	Good	Presence	Subject Site	
45A	Picea japonica	19	Good	Presence	Subject Site	
46A	Picea japonica	20	Good	Presence	Subject Site	Trin crown, suppressed
47A	Picea japonica	15	Poor	Presence	Subject Site	Trin crown, suppressed
48A	Ligustrum sinense	35	Good	Adjacent Property	Subject Site	
49A	Picea japonica	18	Good	Presence	Subject Site	Trin crown, suppressed
50A	Picea japonica	20	Fair	Presence	Subject Site	
51A	Picea japonica	18	Good	Presence	Subject Site	
52A	Picea japonica	16	Fair	Presence	Subject Site	Trin crown, suppressed
53A	Picea japonica	20	Good	Presence	Subject Site	
54A	Picea japonica	20	Good	Presence	Subject Site	
55A	Picea japonica	20	Good	Presence	Subject Site	Suppressed
56A	Picea japonica	20	Fair	Presence	Adjacent Property	
57A	Picea japonica	20	Good	Presence	Subject Site	
58A	Picea japonica	20	Good	Presence	Subject Site	Suppressed
59A	Picea japonica	20	Good	Presence	Subject Site	
60A	Picea japonica	14	Fair	Presence	Subject Site	
61A	Picea japonica	20	Good	Presence	Subject Site	
62A	Picea japonica	20	Good	Presence	Subject Site	Trin crown, suppressed
63A	Picea japonica	16	Good	Presence	Subject Site	Co-dominant stems with included bark
64A	Picea japonica	18	Poor	Presence	Subject Site	
65A	Picea japonica	20	Good	Presence	Subject Site	
66A	Picea japonica	18	Good	Presence	Subject Site	
67A	Picea japonica	16	Good	Presence	Subject Site	
68A	Picea japonica	20	Good	Presence	Subject Site	70% dead
69A	Picea yunnanensis	40	Fair	Presence	Adjacent Property	
70A	Picea yunnanensis	10	Fair	Remove	Subject Site	
71A	Picea yunnanensis	10	Good	Remove	Subject Site	
72A	Picea yunnanensis	10	Good	Remove	Subject Site	
73A	Robinia pseudacacia	100/50	Fair	Remove	Subject Site	
74A	Picea japonica	12	Good	Presence	Adjacent Property	
75A	Picea japonica	20	Good	Presence	Subject Site	
76A	Picea japonica	12	Good	Presence	Subject Site	

TREE INVENTORY COMPLETED BY ISA CERTIFIED ARBORIST CATHERINE HOOGINS #ON-2258A
 TREE LOCATIONS AND DRIFLINES BASED ON EXISTING CONDITIONS PLAN PROVIDED BY RAIKES GEOMATICS INC. AND
 HILL DESIGN STUDIO FIELD SURVEY ON JANUARY 5, 2023.
 #A DENOTES APPROXIMATE TREE LOCATION BASED ON HILL DESIGN FIELD SURVEY ON AUGUST 5, 2022 AND AERIAL
 PHOTOGRAPHY.
 REFER TO L1 FOR TREE MANAGEMENT PLAN.



GOOD - LESS THAN 10% DEAD BRANCHES, SIGNS OF GOOD COMPARTMENTALIZATION ON ANY WOUNDS, NO STRUCTURAL DEFECTS.
FAIR - 10-30% DEAD BRANCHES, SIZE OR OCCURRENCE OF WOUNDS PRESENT SOME CONCERNS, MINOR STRUCTURAL DEFECTS.
POOR - MORE THAN 30% DEAD BRANCHES, WEAK COMPARTMENTALIZATION, EARLY LEAF DROP, PRESENCE OF INSECTS OR DISEASE, MAJOR STRUCTURAL DEFECTS.
DEAD - TREE SHOWS NO SIGNS OF LIFE.

All dimensions to be checked and verified on site. Do not scale drawings. Any discrepancies are to be reported to the Consultant. All drawings remain the property of the Consultant. Only latest approved drawings to be used for construction.

PROJECT No. 2022-49
SCALE: AS NOTED

**SAUGEEN SHORES
AQUATIC & WELLNESS
CENTRE**

600 Tomlinson Dr., Port Elgin, ON

Drawing Title

TREE INVENTORY LIST AND DETAILS

Drawing No.:

L2

GENERAL NOTES

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PLANT MATERIAL LIST

KEY	QUANT	BOTANICAL NAME	COMMON NAME	SIZE	COND
AC	31	<i>Ametanther canadensis</i>	Serviceberry (tree form)	60mm cal.	W.B.
AR	12	<i>Ametanther canadensis</i> Rainbow Pillar	Rainbow Pillar Serviceberry	60mm cal.	W.B.
AS	17	<i>Acer saccharum</i> Autumn Fest	Autumn Fest Sugar Maple	60mm cal.	W.B.
CB	1	<i>Celtis occidentalis</i>	Hackberry	60mm cal.	W.B.
LS	7	<i>Liquidambar styraciflua</i> 'Slender Silhouette'	Slender Silhouette Sweetgum	60mm cal.	W.B.
PG	19	<i>Picea glauca</i>	White Spruce	60mm cal.	W.B.
QR	10	<i>Quercus rubra</i>	Red Oak	60mm cal.	W.B.
TA	17	<i>Tilia americana</i> 'Redmond'	Redmond Linden	60mm cal.	W.B.
CR	50	<i>Cornus sericea</i>	Red Osier Dogwood	60mm, 3 gal.	Pot
DK	156	<i>Diervilla lonicera</i> 'Kodak Orange'	Kodak Orange Bush Honeysuckle	60mm, 3 gal.	Pot
DI	81	<i>Diervilla lonicera</i>	Bush Honeysuckle	60mm, 3 gal.	Pot
DR	28	<i>Physocarpus opulifolius</i> 'Dart's Gold'	Dart's Gold Ninebark	60mm, 3 gal.	Pot
Rr	19	<i>Rosa rugosa</i>	Rugosa Rose	60mm, 3 gal.	Pot
Sa	15	<i>Spiraea alba</i>	Meadowweet	60mm, 3 gal.	Pot
Tm	53	<i>Taxus x media</i> 'Densiformis'	Dense Yew	60mm, 3 gal.	Pot
ca	48	<i>Calamagrostis scutellaria</i> 'Lighting Strike'	Lighting Strike Feather Reed Grass	1 gal.	Pot
cc	275	<i>Cornus canadensis</i>	Bunchberry	1 gal.	Pot
ep	185	<i>Echinacea purpurea</i>	Purple Coneflower	1 gal.	Pot
he	178	<i>Hemerocallis</i> 'Stella d'Oro'	Stella d'Oro Daylily	1 gal.	Pot
hg	34	<i>Hosta</i> 'Great Expectations'	Great Expectations Hosta	1 gal.	Pot
pv	42	<i>Polygonum virginicum</i> 'Duke's Blue'	Duke's Blue Switch Grass	1 gal.	Pot
ss	183	<i>Schizachyrium scoparium</i> 'The Blue'	The Blue Little Bluestem	1 gal.	Pot

HYDROSEED FOR STORM WATER DETENTION AREA

SWM POND MIX VETORY MIX (OSC #8345)

3% BLACK EYED SUSAN (*RUDIBECHIA HIRT*)
20% CANADIAN WILD RYE (*EL VILUS CANADENSIS*)
17% FOX SEDGE (*CAREX VULPHINOIDEA*)
1% KODIA GRASS (*OROPASTRUM NUTANS*)
3% NEW ENGLAND ASTER (*ASTER NOVAE-ANGLIAE*)
1% SPOTTED JOE WEED (*POASTRUM MACULATUM*)
20% SWITCHGRASS (*PANICUM VIRGATUM*)
20% VIRGINIA WILD RYE (*EL VILUS VIRGINICUS*)
1% WILD BERGMANOT (*MONARDA FISTULOSA*)
TO BE APPLIED AT A RATE OF 25kg/ha

ANNUAL RYE GRASS (NURSE CROP)

100% ANNUAL RYE GRASS (*LOLIUM MULTIFLORUM*)
TO BE APPLIED AT A RATE OF 22kg/ha

HYDROSEED MIX FOR DISTURBED AREAS

LOW MAINTENANCE ECO-LAWN HYDROSEED MIX
LOW MAINTENANCE ECO-LAWN MIXTURE #8340 (2012)
AS PER OSC (519) 886-0057

35% CHEWING FESCUE
20% CREEPING FESCUE
35% HARD FESCUE
10% PERENNIAL RYE GRASS
TO BE APPLIED AT 150 kg PER HECTARE

ANNUAL RYE GRASS (NURSE CROP)

100% ANNUAL RYE GRASS (*LOLIUM MULTIFLORUM*)
TO BE APPLIED AT A RATE OF 22kg/ha

NOTE:

HYDROSEED MIXES ABOVE AS PER OSC
(PHONE) 1-800-465-5844

FINE GRADE AND SEED ALL DISTURBED AREAS WITHIN 30 DAYS WITH BOTH THE SPECIFIED HYDROSEED MIX AND THE ANNUAL RYE GRASS AT THE RATES LISTED ABOVE.

NOTE:

SLOPES 3:1 AND GREATER TO RECEIVE EROSION CONTROL MATTING AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.

HYDROSEED MIX FOR SNOW STORAGE AREAS

MTD SEED MIX SUPPLIED BY FIBERMULCH

ONTARIO ROADSIDE MIX
AS PER FIBERMULCH (800) 298-9911

52% CREEPING RED FESCUE
35% PERENNIAL RYEGRASS
10% KENTUCKY BLUEGRASS
3% WHITE CLOVER
TO BE APPLIED AT 170 kg PER HECTARE

ANNUAL RYE GRASS (NURSE CROP)

100% ANNUAL RYE GRASS (*LOLIUM MULTIFLORUM*)
TO BE APPLIED AT A RATE OF 22kg/ha

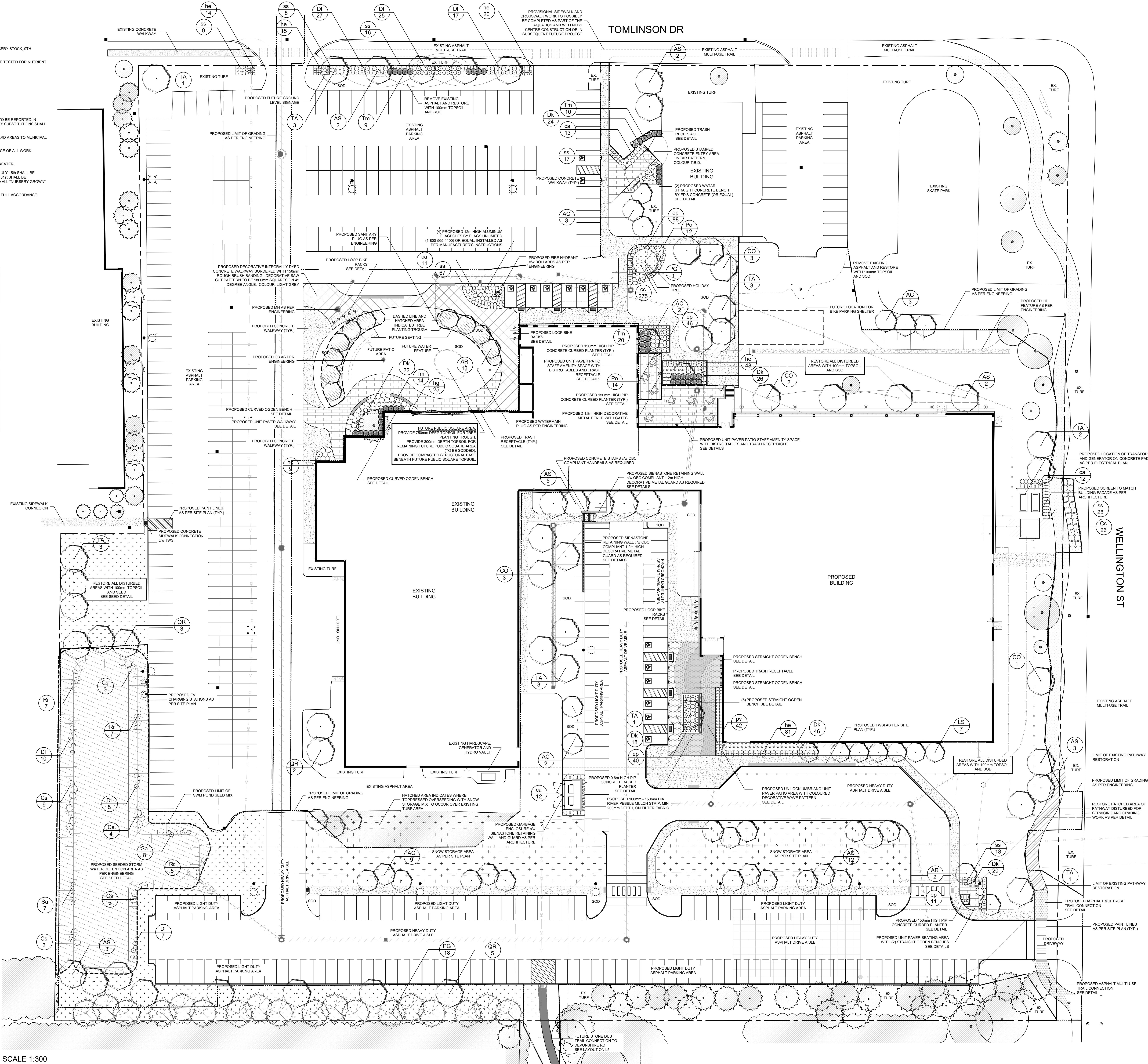
WHITE CLOVER (NURSE CROP)

100% WHITE CLOVER (*TRIFOLIUM REPENS*)
TO BE APPLIED AT A RATE OF 25kg/50m²

LEGEND

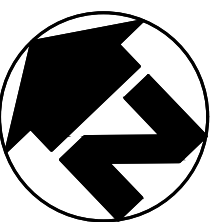
- EXISTING INVENTORIED TREES TO REMAIN
- PROPOSED TREES
- PROPOSED SHRUBS
- PROPOSED BIKE RACK
- PROPOSED BIETRO TABLE
- PROPOSED BENCH
- PROPOSED LIGHT STANDARD
- EXISTING HYDRO POLE AND BOLLARDS

SCALE 1:300



ISSUE / REVISIONS

1. Issued for SPA	May 19 23
2. Reissued for SPA	Jul 20 23
3. Reissued for revision #2	Sept 27 23
4. Reissued for SPA	1 Oct 23
5. Reissued for SPA	Jan 30 24



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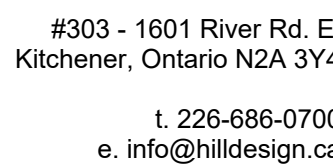
PROJECT No. 2022-49
SCALE: 1:300

SAUGEEN SHORES
AQUATIC & WELLNESS
CENTRE

600 Tomlinson Dr., Port Elgin, ON
Drawing Title:

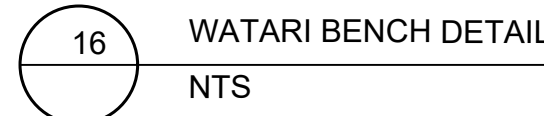
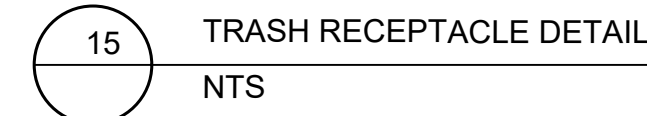
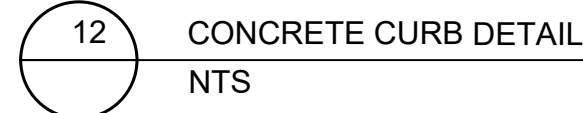
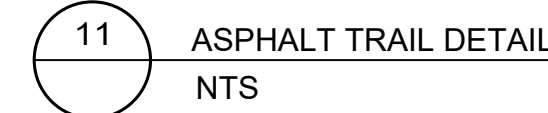
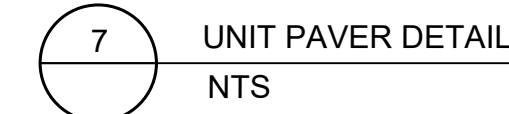
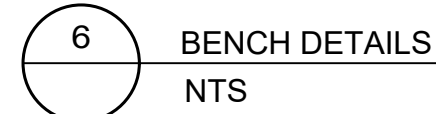
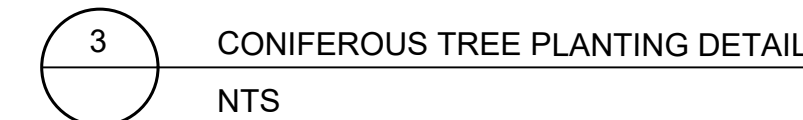
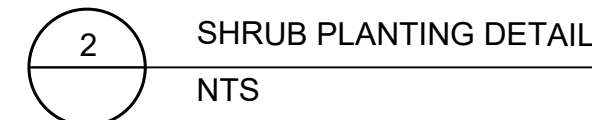
LANDSCAPE PLAN
Drawing No.:

L3



ISSUE / REVISIONS

- | | |
|---------------------------|-----------|
| 1. Issued for SPA | May.19.2 |
| 2. Reissued for SPA | Jul.20.23 |
| 3. Issued for addendum #2 | Sept.27.2 |
| 4. Reissued for SPA | Oct.2.23 |
| 5. Reissued for SPA | Jan.30.2 |



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PROJECT No. 2022-49
SCALE: AS NOTED

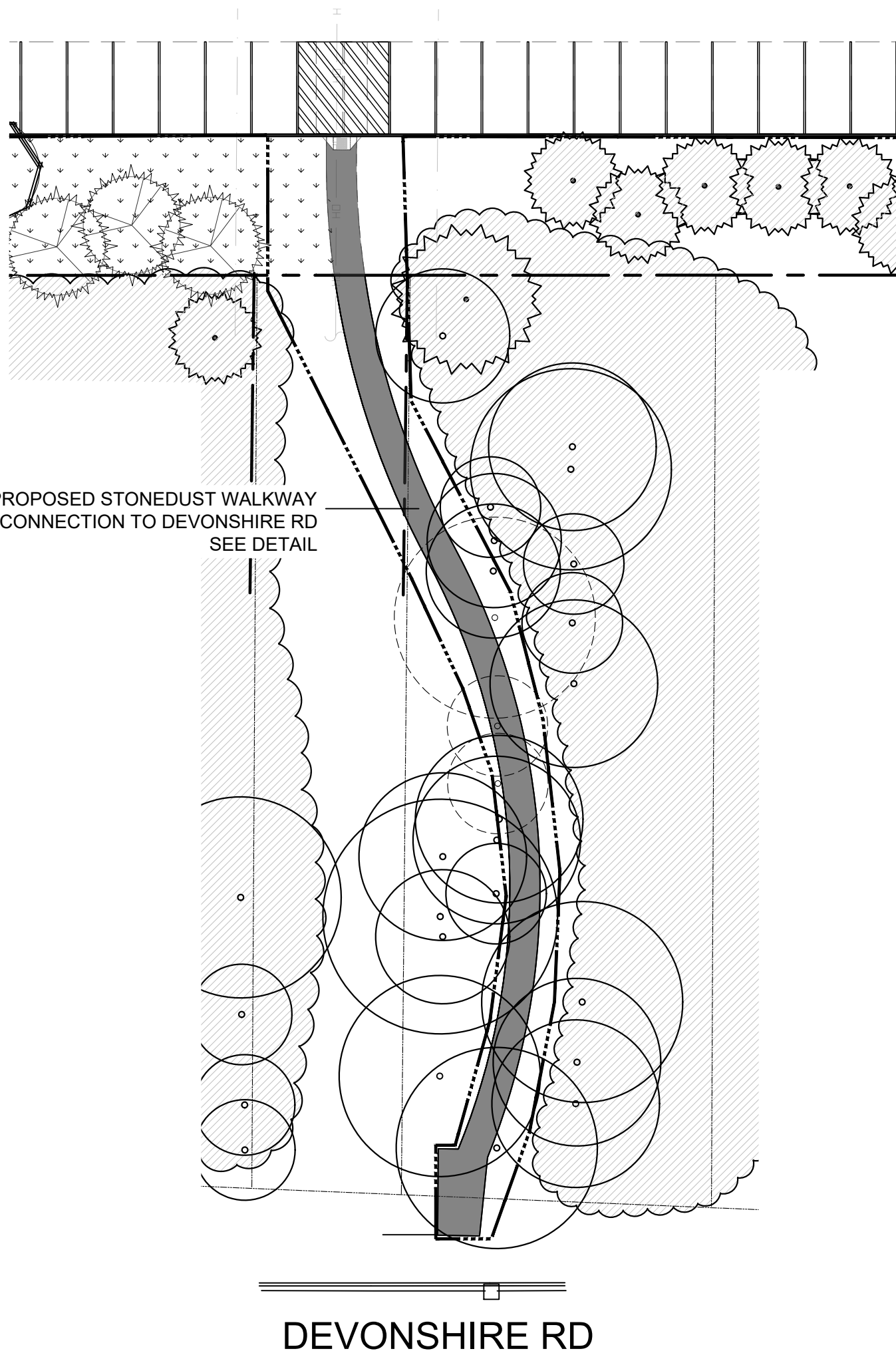
**SAUGEEN SHORES
AQUATIC & WELLNESS
CENTRE**

600 Tomlinson Dr., Port Elgin, ON
Drawing Title:

LANDSCAPE DETAILS

Drawing No.

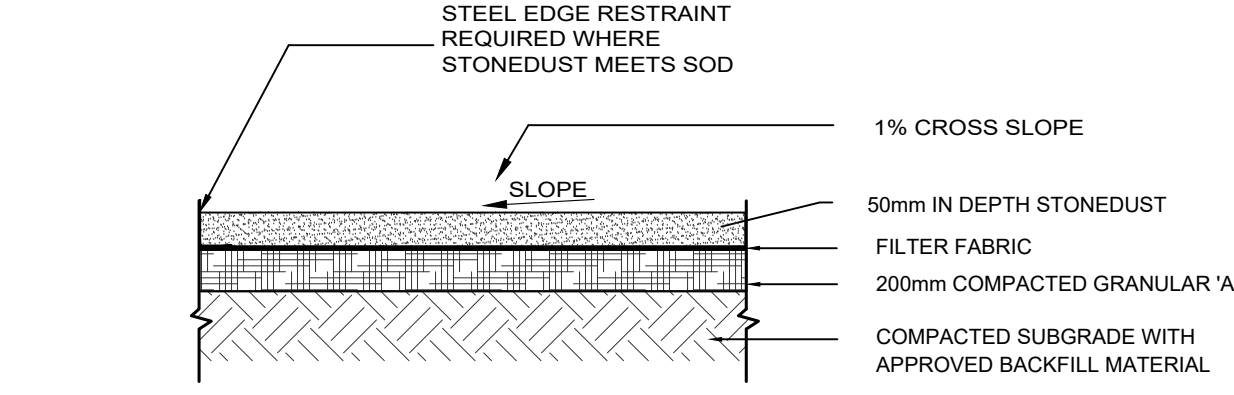
L4



PROPOSED STONEDUST WALKWAY
CONNECTION TO DEVONSHIRE RD
SEE DETAIL

DEVONSHIRE RD

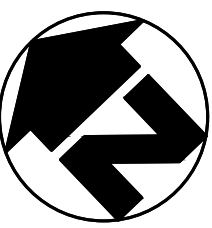
LANDSCAPE PLAN -
DEVONSHIRE PEDESTRIAN CONNECTION BLOCK
SCALE 1:300



17 STONEDUST PATHWAY DETAIL
NTS

ISSUE / REVISIONS

1. Issued for addendum #2	Sept 27, 23
2. Revised for SPA	Oct 2, 23
3. Revised for SPA	Jan 30, 24



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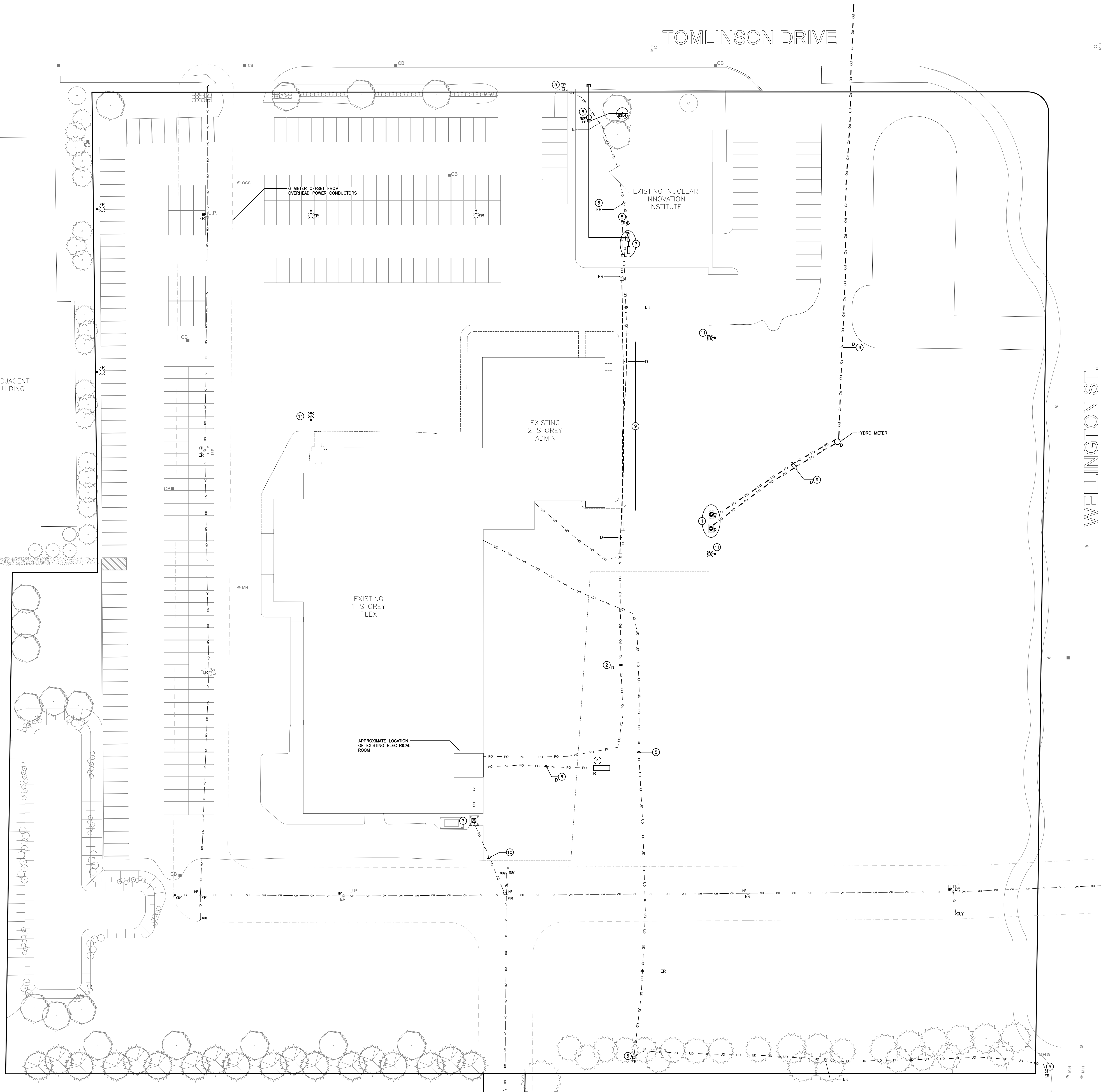
PROJECT No. 2022-49
SCALE: AS NOTED

SAUGEEN SHORES
AQUATIC & WELLNESS
CENTRE

600 Tomlinson Dr., Port Elgin, ON
Drawing Title:

LANDSCAPE DETAILS
Drawing No.:

L5



SITE PLAN - DEMOLITION
SCALE: 1:300

ELECTRICAL SYMBOLS		NOTE: ALL SYMBOLS MAY NOT BE USED	
LIGHTING		LINETYPES	
⊗	CEILING OR WALL MOUNTED LIGHT FIXTURE TYPE AS INDICATED	---	OVERHEAD WIRE
⊗	POLE MOUNTED LIGHT FIXTURE	---	GUY WIRE
GENERAL		---	UNDERGROUND DATA WIRE
⊗	NOTE INDICATOR	---	UNDERGROUND POWER WIRE
⊗	DETAIL REFERENCE	POWER	
+xx	PHOTOMETRIC LEVEL (foot candle)	⊗	PAID-MOUNTED TRANSFORMER

SITE NOTES

- EXISTING EV CHARGERS ARE TO BE DISCONNECTED AND STORED ON SITE. REFER TO RENOVATION PLANS FOR NEW INSTALLATION LOCATION.
- INDICATES APPROXIMATE ROUTE OF DUCTBANK SERVING EXISTING NATIONAL NUCLEAR INSTITUTE BUILDING. EXISTING WIRING IS TO BE REMOVED FROM DUCTBANK. DUCTBANK IS TO BE REMOVED WHERE REQUIRED TO SUIT NEW FOOTPRINT OF BUILDING ADDITION. EXISTING DUCTS ARE TO BE ABANDONED IN PLACE.
- EXISTING TRANSFORMER IS TO BE REMOVED TO SUIT CONSTRUCTION SCHEDULE.
- EXISTING GENERATOR IS TO BE RELOCATED TO NEW POSITION. REFER TO RENOVATION PLANS FOR CONTINUATION.
- EXISTING COMMUNICATIONS SERVICE IS TO REMAIN AS PRESENTLY INSTALLED.
- INDICATES APPROXIMATE ROUTE OF DUCTBANK SERVING EXISTING ARENA BUILDING. EXISTING WIRING IS TO BE REMOVED FROM DUCTBANK. DUCTBANK IS TO BE REMOVED WHERE REQUIRED TO SUIT NEW FOOTPRINT OF BUILDING ADDITION. EXISTING DUCTS ARE TO BE ABANDONED IN PLACE.
- INDICATES NEW TEMPORARY ELECTRICAL SERVICE BACKFEED TO SUIT CONSTRUCTION. PROVIDE A 200A-3P SOLID NEUTRAL SERVICE ENTRANCE RATED FUSIBLE DISCONNECT AND A 7-1/2" METER BASE TO SUIT LOCAL UTILITY.
- INDICATES NEW UTILITY POLE COMPLETED WITH POLE MOUNTED TRANSFORMER.
- INDICATES APPROXIMATE ROUTE OF DUCTBANK SERVING EV CHARGERS. EXISTING WIRING IS TO BE REMOVED FROM DUCTBANK. DUCTBANK IS TO BE REMOVED WHERE REQUIRED TO SUIT NEW FOOTPRINT OF BUILDING ADDITION. EXISTING DUCTS ARE TO BE ABANDONED IN PLACE.
- EXISTING PRIMARY CONDUCTOR TO BE REMOVED UPON INSTALLATION OF NEW ELECTRICAL SERVICE. DUCTS TO BE ABANDONED IN PLACE. COORDINATE WITH LOCAL UTILITY.
- EXISTING LIGHT STANDARD IS TO BE EXCAVATED AND REMOVED.

APPROVED BY TOWN
OF SAUGEEN SHORES
JULY 21, 2023

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work. The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not reuse this drawing. © 2023 DEI & Associates Inc.

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MECHANICAL | ELECTRICAL | AQUATIC

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Phone: 519.745.3555
Website: deiconsulting.ca
Project Number: 22198

PROJECT No. 22198
START DATE JUNE 2022

**SAUGEEN SHORES
AQUATIC & WELLNESS
CENTRE**

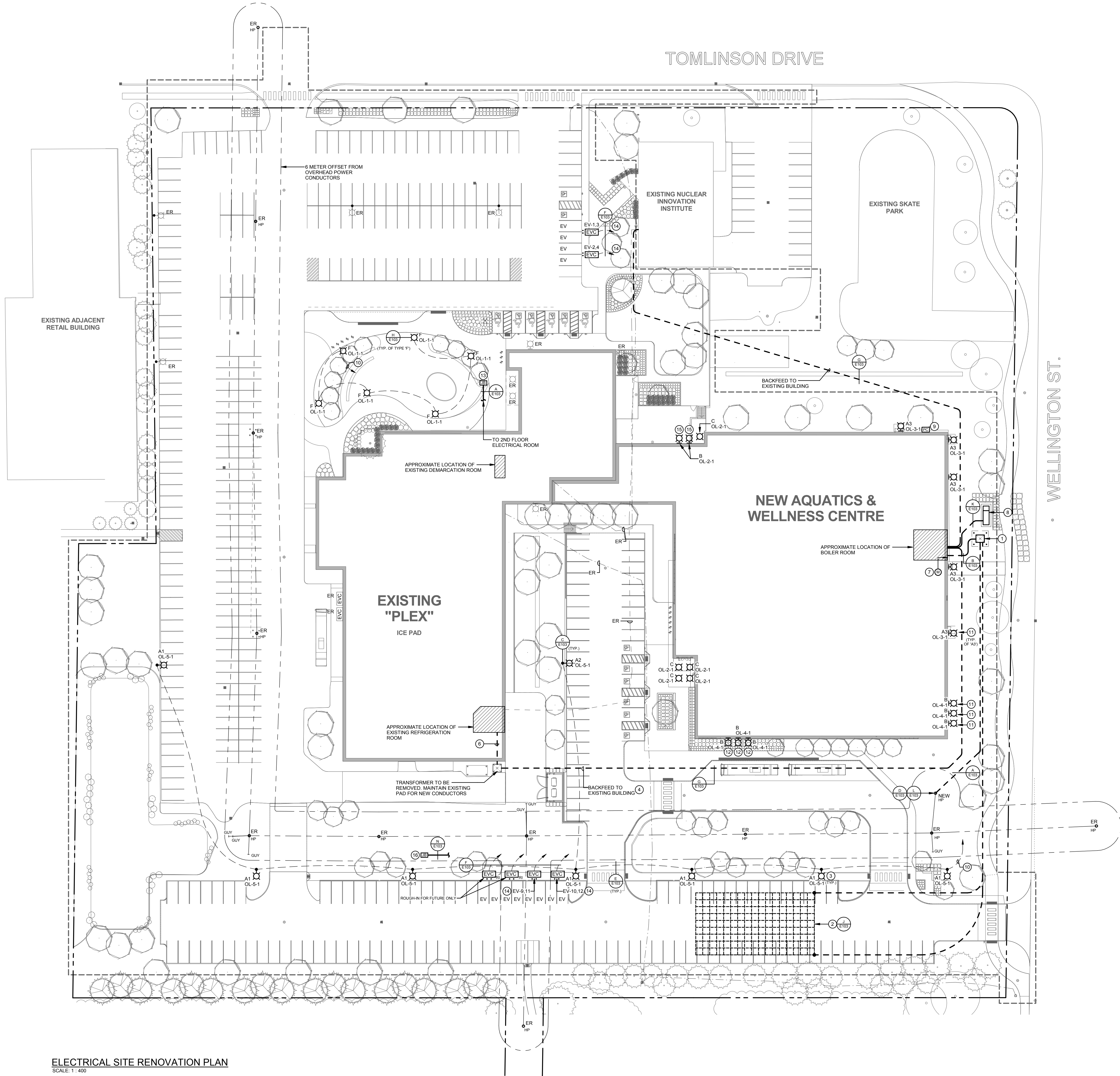
600 Tomlinson Dr, Port Elgin, ON

Drawing Title:

**ELECTRICAL SITE PLAN -
DEMOLITION**

Drawing No.:

ESL1



ELECTRICAL SITE RENOVATION PLAN
SCALE: 1:400

ELECTRICAL SERVICE SCOPE OF WORK - UTILITY	
WESTARID UTILITY WILL PROVIDE THE FOLLOWING WORK. COST WILL BE PART OF THE ALLOWANCE FOR UTILITY WORK AS LISTED IN SPECIFICATIONS.	
H1	CONNECTION OF PRIMARY CABLES AT LINE SIDE OF CUSTOMER SWITCH.
H2	SUPPLY AND INSTALLATION OF METERING INSTRUMENTATION.

ELECTRICAL SERVICE SCOPE OF WORK - CONTRACTOR	
THE ELECTRICAL CONTRACTOR FOR THE BUILDING OWNER (CUSTOMER) SHALL BE RESPONSIBLE FOR THE FOLLOWING:	
C1	SUPPLY AND INSTALLATION OF CONCRETE ENCASED PRIMARY DUCTBANKS AS SHOWN ON PLANS.
C2	SUPPLY AND INSTALLATION OF PRIMARY SWITCHGEAR DP POLE, HIGH VOLTAGE SWITCH, GROUNDING, AND PROTECTIVE BOLLARDS PER DETAILS.
C3	INSTALLATION OF CUSTOMER OWNED PADMOUNT TRANSFORMER (TLO), TRANSFORMER BASE, GROUNDING AND PROTECTIVE BOLLARDS PER DETAILS.
C4	SUPPLY AND INSTALLATION OF PRIMARY CABLES IN DUCTBANK.
C5	SUPPLY AND INSTALLATION OF SECONDARY DUCTBANK FROM TRANSFORMER TO BUILDINGS MAIN SWITCHBOARD.
C6	SUPPLY AND INSTALLATION OF SECONDARY CABLES IN DUCTBANKS CW CONNECTION 800V MAIN SWITCHBOARD AND AT CUSTOMER OWNED TRANSFORMER.
C7	GROUNDING AT CUSTOMER TRANSFORMER AND MAIN SERVICE GROUND AT CUSTOMER MAIN SWITCHBOARD AND AT CUSTOMER OWNED TRANSFORMER.
C8	PROVISION OF METERING CABINET AND EXTERIOR P-BASE METERING ENCLOSURE.
C9	ALL WORK SHALL MEET UTILITY REQUIREMENTS & INSPECTION. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH UTILITY PRIOR TO PROCEEDING.
C10	CUSTOMER OWNED TRANSFORMER SHALL BE SUPPLIED BY THE GENERAL CONTRACTOR.

SPECIFIC NOTES	
1	INSTALL HIGH VOLTAGE TRANSFORMER.
2	PROVIDE GROUNDING GRIDS DETAILED. GROUND GRID DESIGN SHALL BE VERIFIED BY A GROUNDING ENGINEER PRIOR TO INSTALLATION. ELECTRICAL CONTRACTOR SHALL ENGAGE GROUNDING ENGINEER UPON AWARD OF CONTRACT.
3	LIGHTING STANDARD IS TO BE RETALLED A MINIMUM OF 1.0 m (3') FROM CURB. REFER TO DETAIL E1E5L3 FOR THE LIGHT STANDARD BASE DETAIL.
4	EXISTING ELECTRICAL SERVICE SHALL BE BACKFEED FROM NEW ELECTRICAL SERVICE. EXISTING DUCTBANK TO BE REMOVED COMPLETE.
5	NOTE NOT USED.
6	UTILIZE EXISTING SECONDARY DUCTBANK TO SUIT NEW ELECTRICAL BACKFEED.
7	INDICATES APPROXIMATE LOCATION OF EXTERIOR METER BASE FOR UTILITY METERING. REFER TO RENOVATION DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION. COORDINATE MOUNTING LOCATION WITH ARCHITECTURAL ELEVATIONS AND UTILITY STANDARDS.
8	INDICATES PROPOSED DIESEL STANDBY GENERATOR LOCATION. PROVIDE CONCRETE ISOLATION PAD OFFSET 400mm FROM OUTSIDE DIMENSION OF GENERATOR. REFER TO NOTED DETAIL AND DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.
9	INDICATES PROPOSED LOCATION OF WALL MOUNTED PHOTOCELL. INSTALLED AT 4000mm AFF FOR CONTROL OF EXTERIOR LIGHTING. REFER TO DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.
10	INDICATES 2012 RW90 CU IN DUCT AS NOTED BACK TO SECOND FLOOR ELECTRICAL ROOM.
11	FIXTURE TO BE MOUNTED AT 3658mm A.F.G. COORDINATE EXACT PLACEMENT WITH ARCHITECTURAL ELEVATIONS.
12	FIXTURE TO BE MOUNTED AT 3048mm A.F.G. COORDINATE EXACT PLACEMENT WITH ARCHITECTURAL ELEVATIONS.
13	PROVIDE INGRADE JUNCTION BOX EQUAL TO JESSTEC CAT. #1830-2 (FUTURE USE).
14	INDICATES PROPOSED LOCATION OF EV CHARGING PRESET. PROVIDED BY GENERAL CONTRACTOR. COORDINATE CONDUIT STUB LOCATION FOR POWER WITH ANCHOR BOLT PLACEMENT PRIOR TO ROUGH-IN. CONTRACTOR IS RESPONSIBLE TO MAKE ALL FINAL CONNECTIONS TO EV CHARGING UNIT.
15	FIXTURE TO BE MOUNTED AT 975mm A.F.G. COORDINATE EXACT PLACEMENT WITH ARCHITECTURAL ELEVATIONS.
16	PROVIDE INGRADE JUNCTION BOX EQUAL TO JESSTEC CAT. #1830-2 FOR FUTURE EV CHARGERS.

lett

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salterpilon

architecture

ISSUE / REVISIONS

1

ISSUED FOR SITE PLAN APPROVAL

MAY 19, 23

2

REISSUED FOR SITE PLAN APPROVAL

JUL 20, 23

3

REISSUED FOR SITE PLAN APPROVAL

JAN 30, 24

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PROFESSIONAL
J.J. JACKSON
100013224
17/20/24
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

PROJECT No. 22198
START DATE JUNE 2022

SAUGEEN SHORES

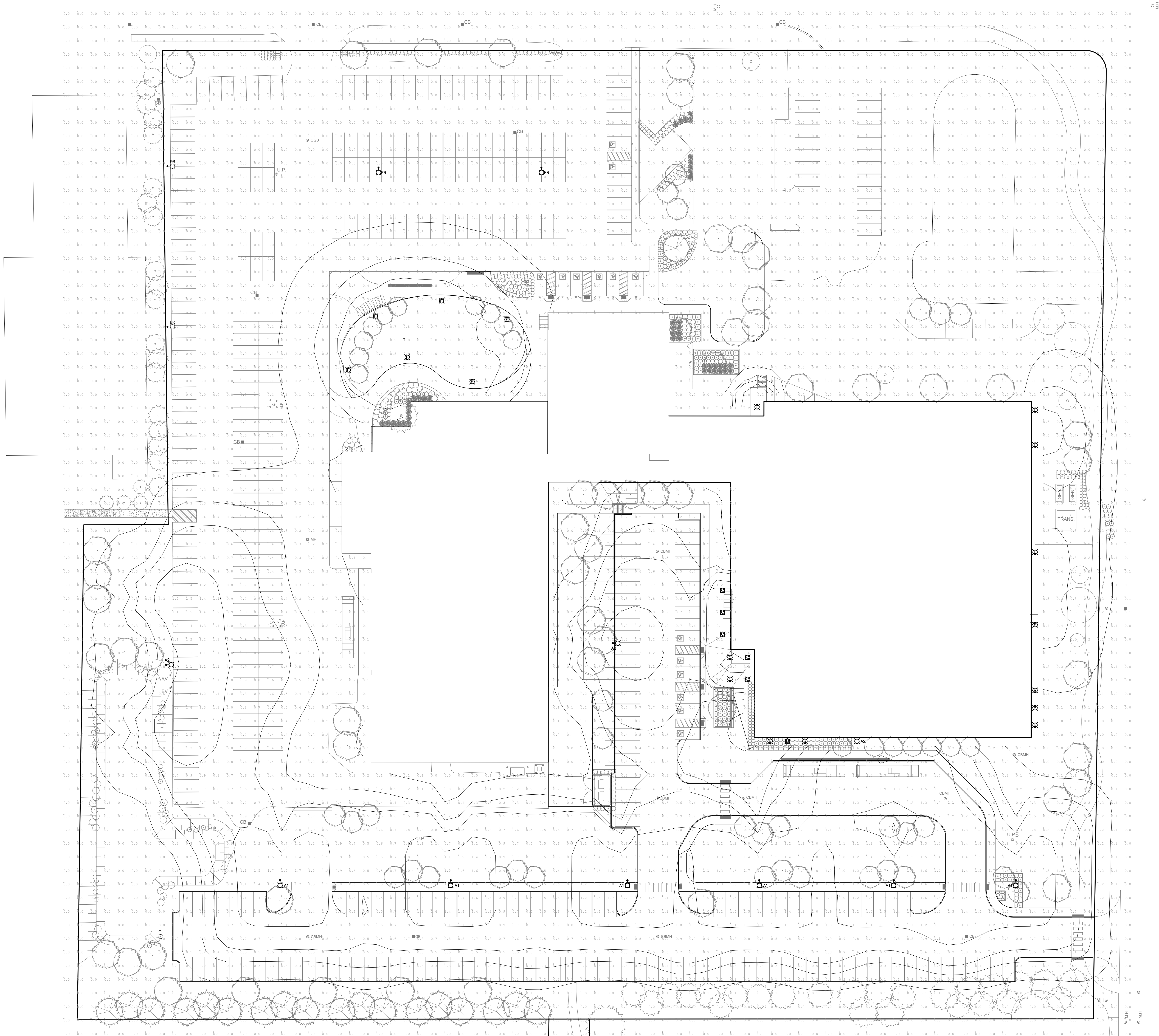
AQUATIC & WELLNESS CENTRE

600 Tomlinson Dr, Port Elgin, ON

Drawing Title:

ELECTRICAL SITE PLAN - RENOVATION

Drawing No.:
ESL2

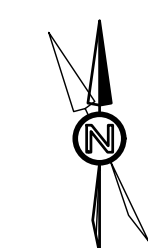
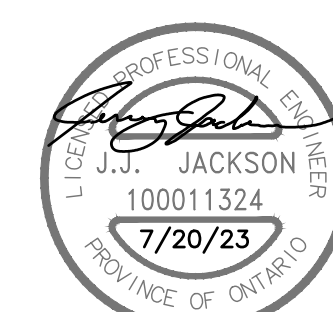


SITE PLAN - PHOTOMETRIC RESULTS
SCALE: 1:300

APPROVED BY TOWN
OF SAUGENE SHORES
JULY 21, 2023

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PROJECT No. 22198
START DATE JUNE 2022

SAUGENE SHORES
AQUATIC & WELLNESS
CENTRE

600 Tomlinson Dr, Port Elgin, ON

ELECTRICAL SITE PLAN
PHOTOMETRIC
RESULTS

Drawing No.:

ESL3

