



TOWNSHIP OF
North Dundas



ARCHITECTURAL	
SHEET NUMBER	SHEET TITLE
A10	GENERAL NOTES, ASSEMBLIES, OBC MATRIX
A20	ARCHITECTURAL SITE PLAN
A30	FLOOR PLAN, ROOF PLAN, DOOR SCHEDULE
A40	ELEVATIONS
A50	BUILDING SECTIONS, WALL SECTIONS
A60	TYPICAL DETAILS
A61	TYPICAL DETAILS

STRUCTURAL	
SHEET NUMBER	SHEET TITLE
010	GENERAL NOTES
061	LOADING NOTES
062	EXCAVATION BACKFILL, NOTES, PLANS, AND DETAILS
010	FOUNDATION, GROUND AND ROOF FRAMING PLANS
020	SECTIONS AND DETAILS
021	TYPICAL MASONRY DETAILS
022	TYPICAL DETAILS

PROCESS	
Sheet Number	Sheet Title
CDP01	PUMP STATION RESERVUOIR BUILDING PROCESS
PD000	PAGE LEGEND
PD001	CHESTERVILLE RESERVUOIR FPD
	SOLARium HYPOCAUSTITE DRAINING SYSTEM & PUMP SCHEDULE
HP01	HYDRAULIC PROFILE
P01	FILTER BUILDING PLAN & SECTION
P02	FILTER BUILDING SECTIONS & DETAILS
P03	FILTER BUILDING PROCESS Piping TO ISOMETRIC VIEWS
PM01	PROCESS & MECHANICAL STANDARD DETAILS
PM02	PROCESS & MECHANICAL STANDARD DETAILS
PM03	PROCESS & MECHANICAL STANDARD DETAILS AND SCHEDULES

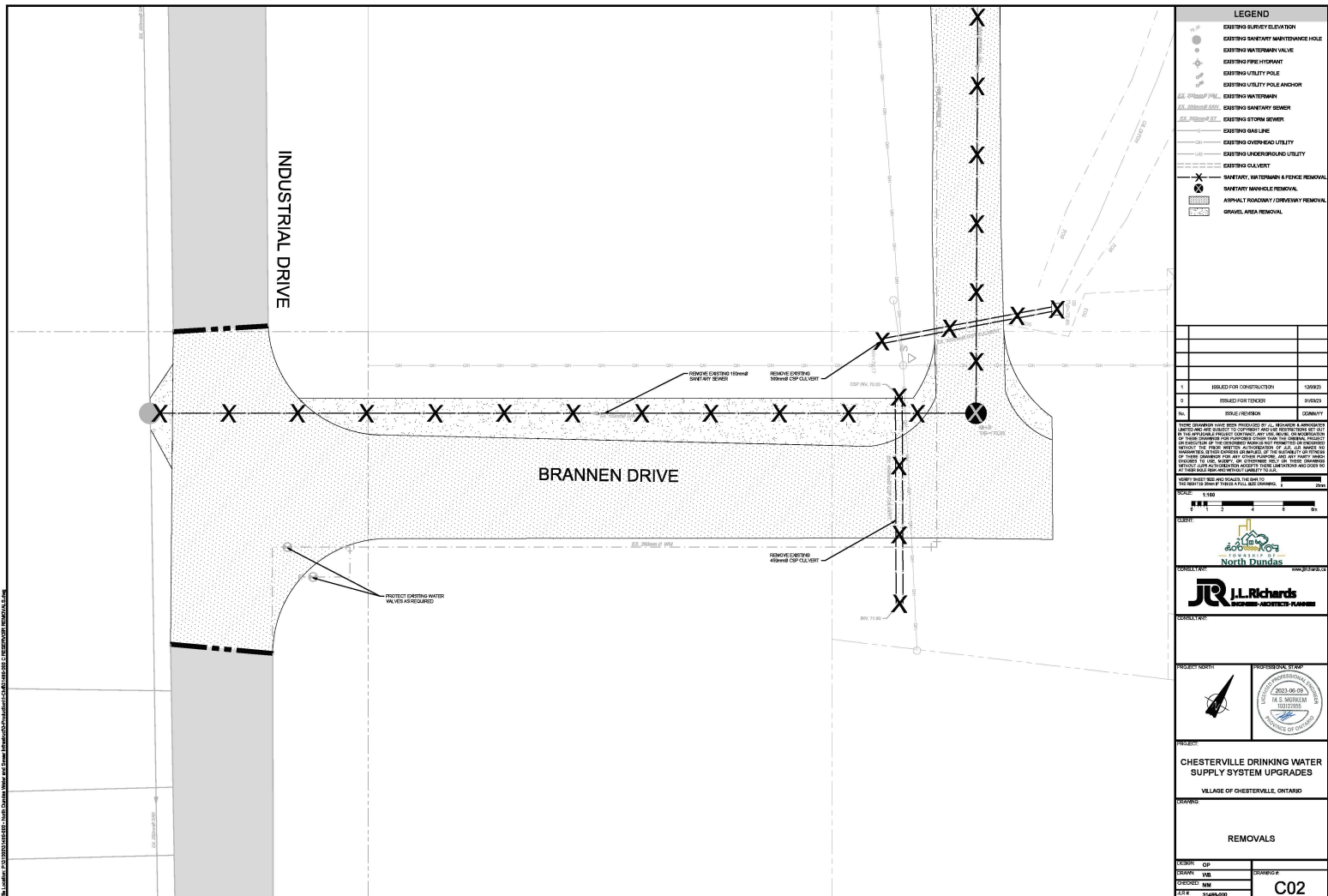
MECHANICAL	
SHEET NUMBER	SHEET TITLE
M01	FILTER BUILDING MECHANICAL LAYOUTS AND SCHEMATICS

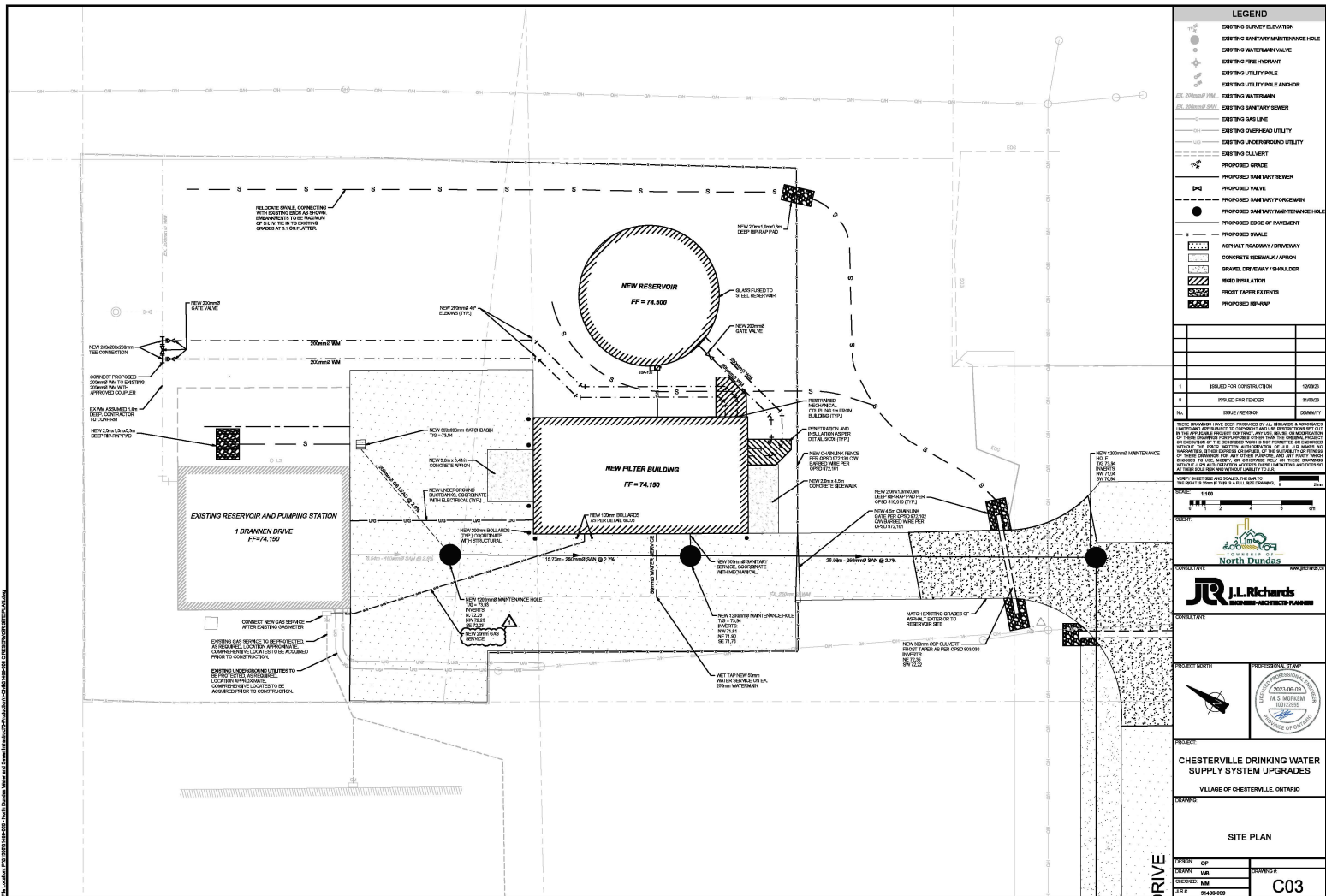
ELECTRICAL	
SHEET NUMBER	SHEET TITLE
E00	ELECTRICAL LEGEND
E01	ELECTRICAL SITE PLAN
E02	SINGLE LINE DIAGRAM
E03	PANEL SCHEDULES
E04	GROUNDING AND BONDING DETAILS
E05	ELECTRICAL DETAIL
E06	MOTOR STARTER SCHEMATICS
E07	MOTOR STARTER CONTROL LIST AND TABLE OF DEVICES
E10	HOUSE SERVICES PLAN
E11	CONTROL BLOCK DIAGRAM
E13	INSTRUMENTATION PLAN

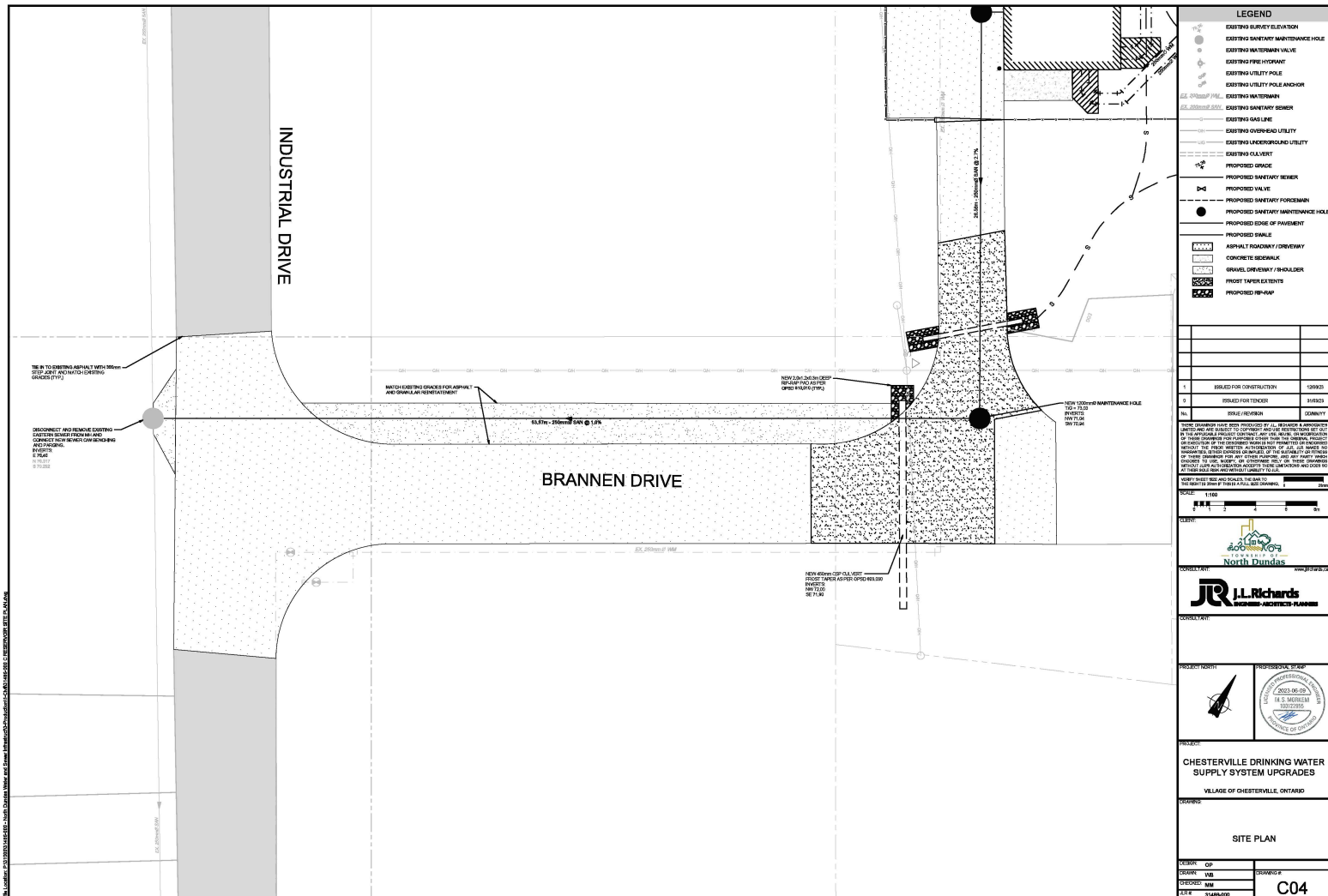
CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES

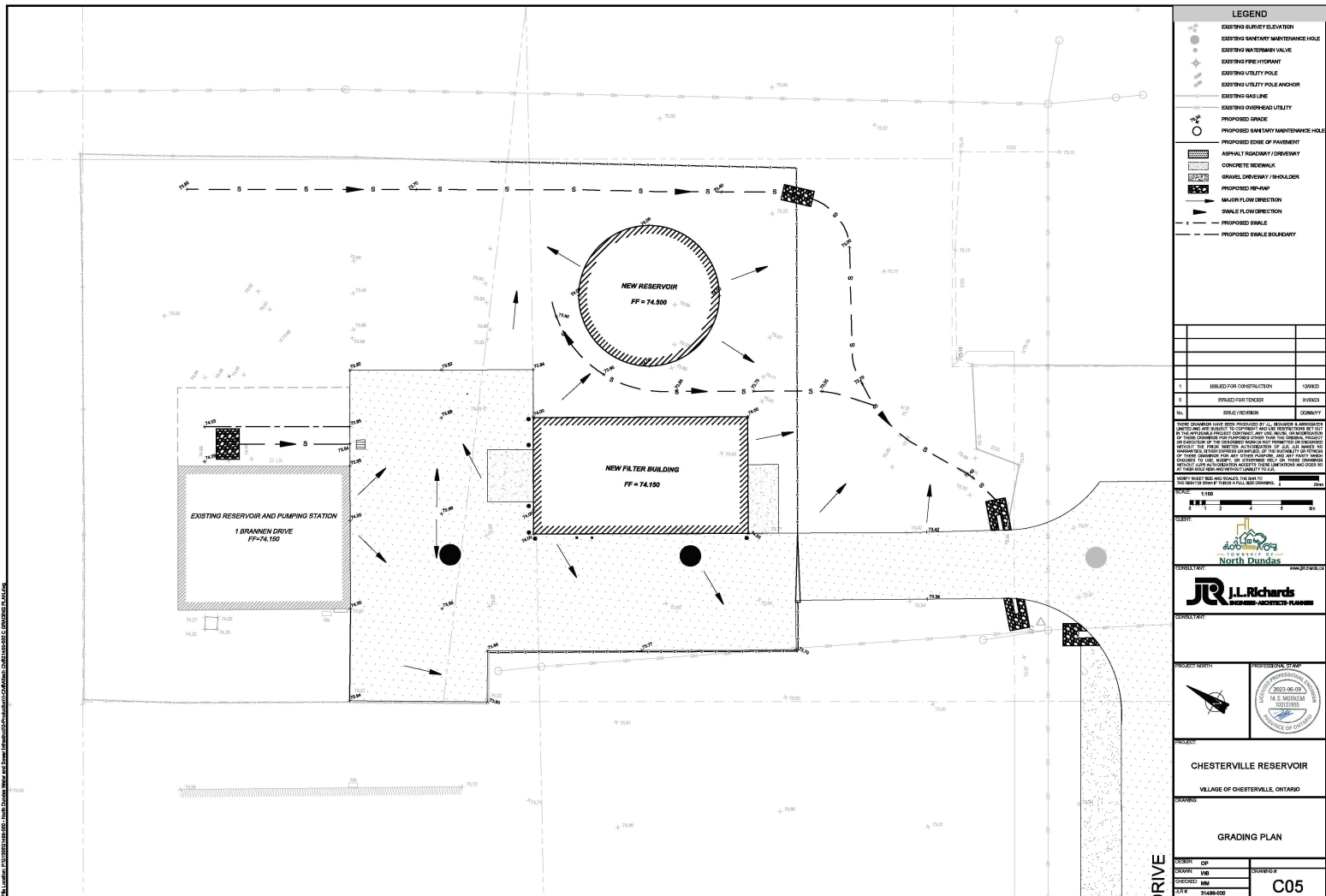
ISSUED FOR CONSTRUCTION
JUNE 12, 2023
JLR JOB# 31486-000











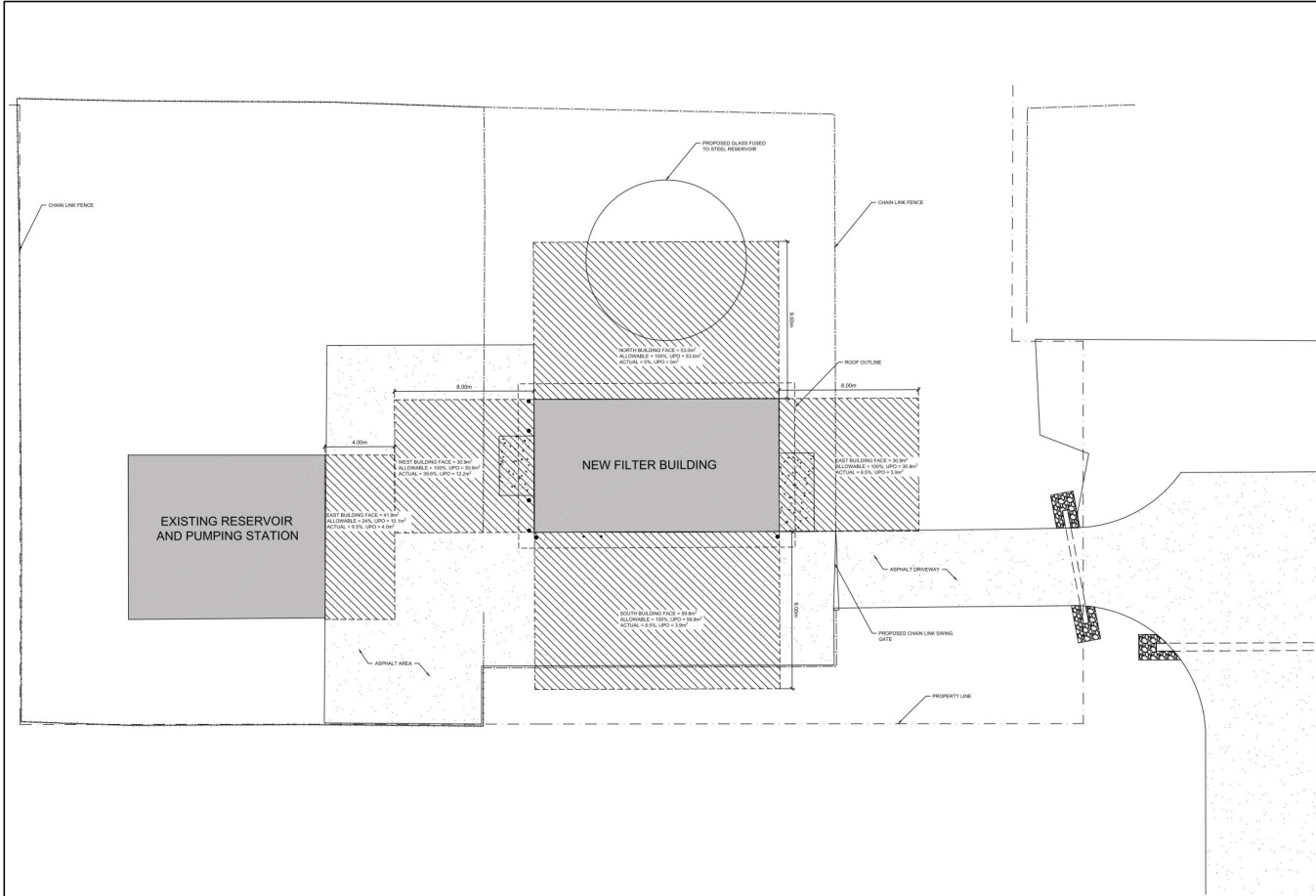
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CB CONCRETE BLOCK
EP EPOXY FLOORING
ES EXPOSED STRUCTURE
GV GALVANIZED FINISH (STRUCTURE)
PT PAINT FINISH

ABBREVIATIONS NOTES

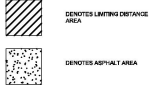
HN	HOLLOW METAL
HW	HOLLOW WOOD
IM	INSULATED
LN	LIGHT
LM	LAMINATED
MJ	MAJOR CONTROL JOINT
MC	MAINTENANCE CRIBING
NR	NOT FINISHED
NC	NOT IN CONTRACT
OC	ON CENTRE
PC	PLACED CONCRETE
PR	PRINTED GRAPHICS
PL	FINISHED PLYWOOD
PR	POWER REPEATING TAGS, REFER TO ELECTRIC
PS	PRESSED STEEL
PT	PAINT
PVC	POLYVINYL CHLORIDE
RU	RUNNER SHED
RH	ROOF HOOK
SC	SEALING CUTTING
SE	SEALER / PRIMER
SM	SMALL
SP	SPINDLED PANEL
ST	STEEL
SV	STAINED & UNFINISHED
SW	SOLID WOOD
T.B.M.	TO BE DETERMINED
TP	TOP
TB	TACK BOARD, REFER TO SPECIFICATION
TR	TIMBERED
UN	UNFINISHED
WB	WHITE BOARD, REFER TO SPECIFICATION
WO	WOOD
WP	WALL PROTECTION

[illegible]



1
40
LIMITING DISTANCE
SCALE: 1" = 80'

LEGEND



1	ISSUED FOR CONSTRUCTION	1/2/2021
2	ISSUED FOR TENDERS	2/1/2021
3	ISSUED FOR TENDERS	2/1/2021
4	ISSUED FOR TENDERS	2/1/2021
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6	ISSUED FOR TENDERS	2/1/2021
7	ISSUED FOR TENDERS	2/1/2021
8	ISSUED FOR TENDERS	2/1/2021
9	ISSUED FOR TENDERS	2/1/2021
10	ISSUED FOR TENDERS	2/1/2021

NOTES: 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED. 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED. 3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 4. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 5. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 6. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 7. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 8. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 9. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR. 10. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR.

DATE: 10/10/2020



CONSULTANT: J.L. Richards
REGISTERED ARCHITECT, PLANNERS

CONSULTANT: J.L. Richards
REGISTERED ARCHITECT, PLANNERS



PROJECT: CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES

VILLAGE OF CHESTERVILLE, ONTARIO

ARCHITECTURAL

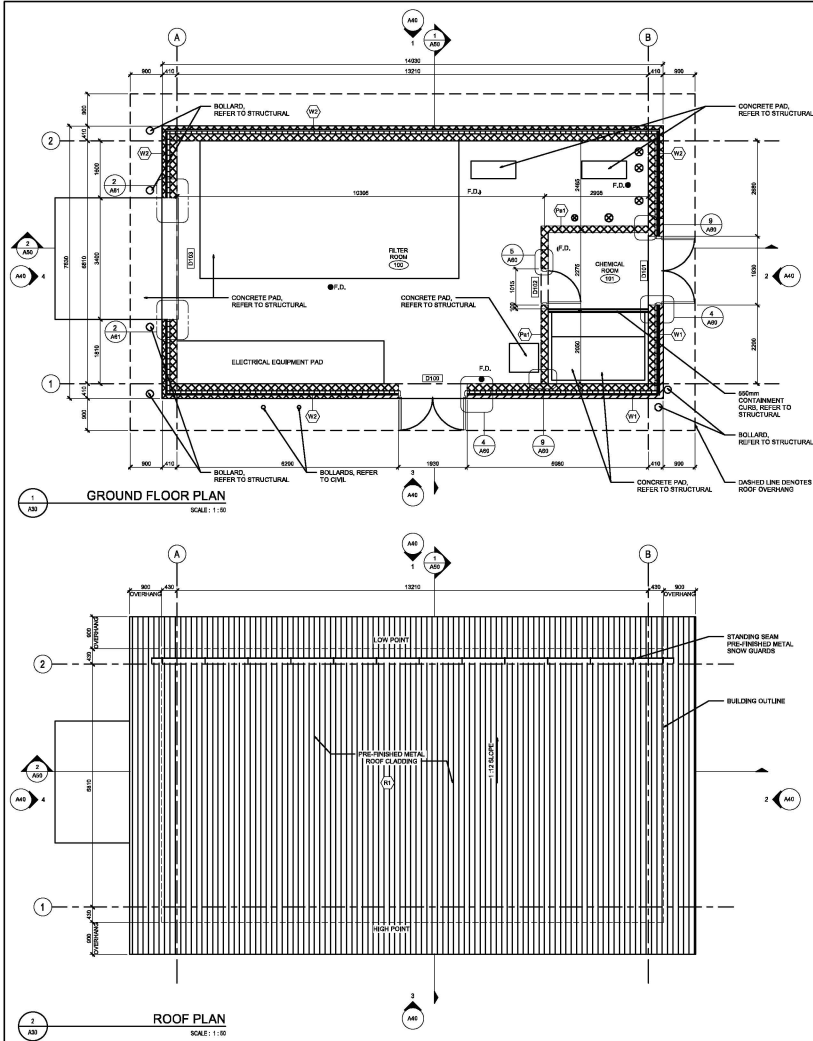
ARCHITECTURAL SITE PLAN

DRAWN: K.A. H.B.

CHECKED: H.B.

DATE: 10/10/2020

A20



DOOR ELEVATION SCHEDULE

GENERAL NOTES

- REFER TO DOOR AND FRAME SCHEDULE FOR DOOR HEIGHTS AND WIDTHS.
- REFER TO SPECIFICATIONS FOR WINDOW REQUIREMENTS.
- REFER TO ELECTRICAL DRAWINGS FOR SECURITY REQUIREMENTS.
- DOOR FRAME REFLECTED AT 10MM CENTERLINE.

DOOR ELEVATIONS: D01, D02, D03

FRAME ELEVATION SCHEDULE

GENERAL NOTES

- REFER TO DOOR AND FRAME SCHEDULE FOR DOOR HEIGHTS AND WIDTHS.
- ALL EXTERIOR FRAMES TO BE THERMALLY BROKEN.

FRAME ELEVATION: F01

DOOR & FRAME SCHEDULE

DOOR NUMBER	FROM ROOM	TO ROOM	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME TYPE	FRAME FINISH	FRAME ACCESS	Comments
D01	OUTDOOR	ELECTRICAL ROOM	SW	ST	ST	ST	ST	ST	ST	
D02	OUTDOOR	MECH ROOM	SW	ST	ST	ST	ST	ST	ST	
D03	OUTDOOR	ELECTRICAL ROOM	SW	ST	ST	ST	ST	ST	ST	DOOR TO LIFT UP 2' 10" FROM GROUND

SW INSULATED HOLLOW METAL
ST INSULATED PRESSED STEEL
PT PAINT FINISH

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	1/2/2021
2	ISSUED FOR TENDER	3/1/2021
3	ISSUED FOR TENDER	3/1/2021

CLIENT: J.L. Richards Architects Inc. North Dundas

CONSULTANT: J.L. Richards Architects Inc. North Dundas

PROJECT: CHESTERTON DRINKING WATER SUPPLY SYSTEM UPGRADES

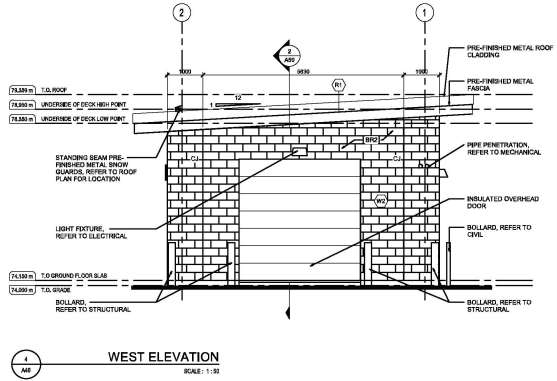
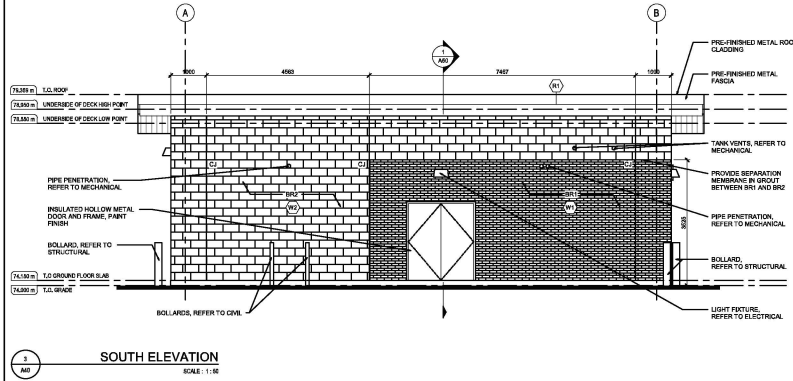
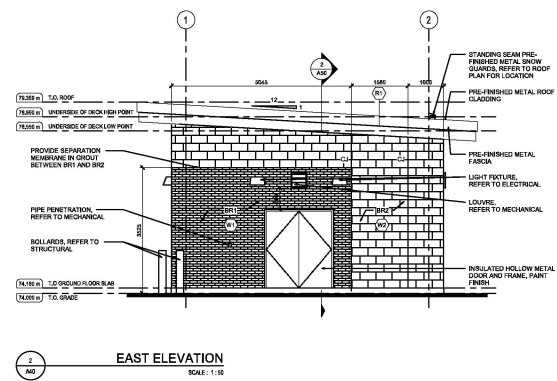
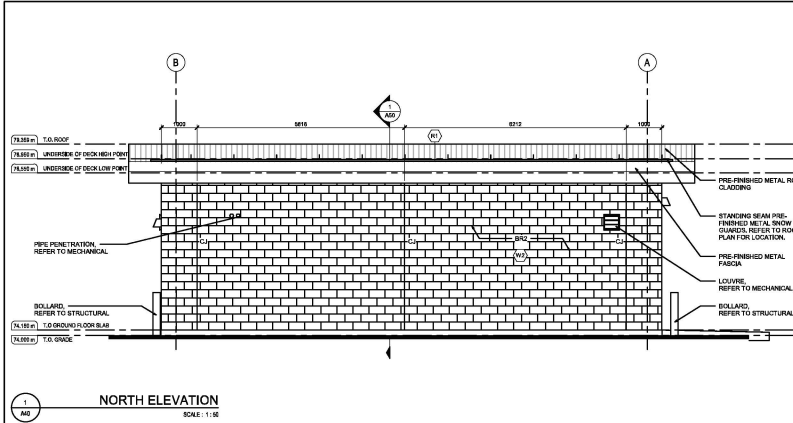
DRAWING: ARCHITECTURAL FLOOR PLAN, ROOF PLAN, DOOR SCHEDULE

DATE: 1/2/2021

SCALE: 1:50

PROJECT NO: 1488-001

DRAWING NO: A30



1	ISSUED FOR CONSTRUCTION	1/10/2017
2	ISSUED FOR TENDERS	3/10/2017
3	ISSUED FOR REVISION	10/10/2017
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100	ISSUED FOR REVISION	10/10/2017

CONSULTANT:
J.L. Richards
REGISTERED ARCHITECT PLANNER

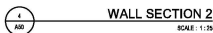
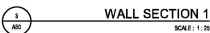
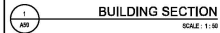
CONSULTANT:
J.L. Richards
REGISTERED ARCHITECT PLANNER




PROFESSIONAL STAMP:
J.L. Richards
REGISTERED ARCHITECT PLANNER

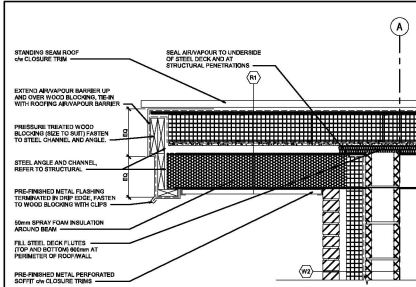
PROJECT:
CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES
VILLAGE OF CHESTERVILLE, ONTARIO

DRAWING:
ARCHITECTURAL
ELEVATIONS

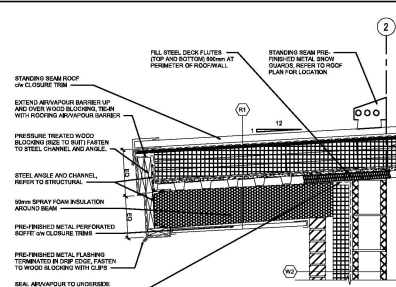
DATE:
A40



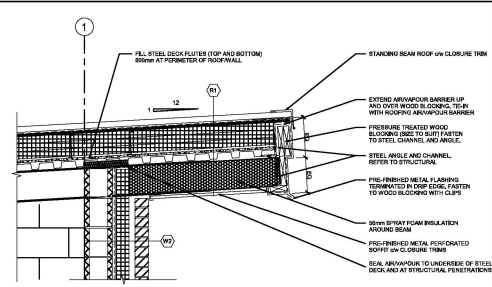
T		ISSUED FOR CONSTRUCTION	1/10/03
S		ISSUED FOR TENDER	3/1/03
Rev.	DATE/REVISION		COMMENTS
<p>THIS DRAWING AND THE INFORMATION ON IT, INCLUDING A COMPANY'S NAME, ARE THE PROPERTY OF J.I. RICHARDS & ASSOCIATES. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON IT. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING OF THE J.I. RICHARDS & ASSOCIATES. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT, WITHOUT THE WRITTEN PERMISSION OF J.I. RICHARDS & ASSOCIATES, IS STRICTLY PROHIBITED AND IS CONSIDERED A VIOLATION OF THE PROFESSIONAL ETHICS AND STANDARDS OF THE ARCHITECTURAL PROFESSION AND CAN BE SUBJECT TO LEGAL ACTION.</p>			
<p>SHIPPED BY AIR AND CANNOT BE THE NAME OF THE SHIPPER FOR THE POSTAL SERVICE</p>			
SCALE: AS SHOWN			
<p>DRAWN BY:  J.I. Richards ARCHITECTS 1000 BAYVIEW AVENUE, SUITE 100 NORTH DUNDAS MISSISSAUGA, ONTARIO L4X 1L3 TEL: (905) 876-1111 FAX: (905) 876-1112 www.jrichards.com</p>			
CONV. LIT:			
PROJECT/SECTION: C-100P		PROJECT NORTH	
<p>ONARIO ARCHITECTS ACT REG. NO. 10000 ARCHITECTS  J.I. RICHARDS LICENSE NO. 10000</p>			
PROJECT:			
<p>CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES VILLAGE OF CHESTERVILLE, ONTARIO</p>			
DRAWING:		ARCHITECTURAL	
BUILDING SECTIONS, WALL SECTIONS			
DRAWN: K.A. J.E.B.	CHECKED: K.A.	DATE: 1/10/03	
DRAWN: K.A.	CHECKED: K.A.	DATE: 1/10/03	
DRAWING NO. A50		DATE: 1/10/03	



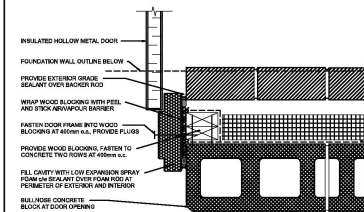
ROOF OVERHANG DETAIL -
FASCIA
SCALE: 1:10



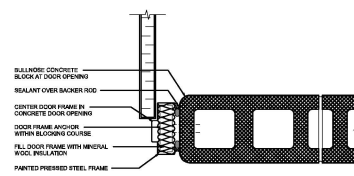
ROOF OVERHANG DETAIL -
LOW POINT
SCALE: 1:10



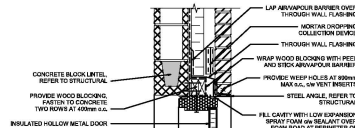
ROOF OVERHANG DETAIL -
HIGH POINT
SCALE: 1:10



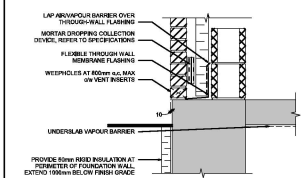
EXTERIOR DOOR JAMB
SCALE: 1:5



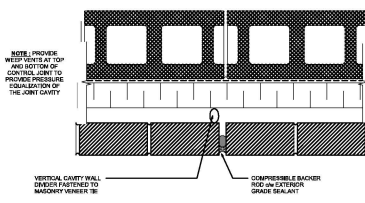
INTERIOR DOOR JAMB -
CMU
SCALE: 1:5



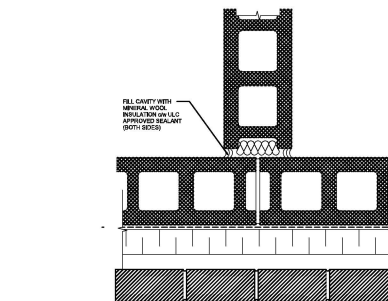
DOOR HEAD DETAIL
SCALE: 1:10



BASE DETAIL
SCALE: 1:10



TYPICAL CONTROL JOINT
SCALE: 1:5



INTERIOR BLOCK WALL
INTERSECTION AT
EXTERIOR WALL
SCALE: 1:5

1	ISSUED FOR CONSTRUCTION	1/2/2021
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PROJECT: CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES
VILLAGE OF CHESTERVILLE, ONTARIO

ARCHITECTURAL
TYPICAL DETAILS

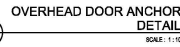
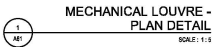
DESIGNER: J.L. Richards
ARCHITECTS
1000 BAYVIEW AVE. SUITE 100
SCARBOROUGH, ONTARIO M1B 2Y1
TEL: (416) 291-1111
WWW.JLRICHARDS.COM

PROFESSIONAL STAMP
J.L. Richards
REGISTERED ARCHITECT
ONTARIO
1000 BAYVIEW AVE. SUITE 100
SCARBOROUGH, ONTARIO M1B 2Y1
TEL: (416) 291-1111
WWW.JLRICHARDS.COM

PROJECT: CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES
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9.0 DESIGN DATA

ALL LOADINGS TO BE IN ACCORDANCE WITH THE OBC 2012 (2020), LATERAL LOADS (WIND AND SEISMIC) ARE IN ACCORDANCE WITH THE NBC 2015 AND THE USER'S GUIDE - NBC 2015 (STRUCTURAL COMMENTARIES PART 4 OF DIVISION B).

9.1 GRAVITY LOADS

DEAD AND LIVE LOADS AS SHOWN ON DRAWINGS.

10.0 ENVIRONMENTAL LOADS

AS THE ONTARIO BUILDING CODE 2012 DOES NOT INCLUDE ENVIRONMENTAL LOADS FOR CHESTERTVILLE, ON, THE MOST STRINGENT SNOW, WIND AND WIND-LOADING REQUIREMENTS FOR OTTAWA (BARRHAVEN), KEMPTOWN (L. MESSERSBURG) AND CORNWALL ARE USED.

11.0 SNOW LOADS

$S = S_{BC} C_{E} C_{G} C_{I} + S_{I}$
 $S = 2.0 \text{ kPa}$ FOR BASIC ROOF LOADING (U.S.)

WHERE:

- $L = 1.25$ POST-DISTASTER IMPORTANCE (U.S.)
- $I = 0.8$ POST-DISTASTER IMPORTANCE (U.S.)
- $S_L = 24$ kPa (1 IN SO, OTTAWA (BARRHAVEN), ON)
- $S_L = 0.4$ kPa (1 IN SO, OTTAWA (BARRHAVEN), ON)
- $C_E = 0.8$ BASE SNOW FACTOR (ROOF SNOW LOADING)
- $C_G = 1.0$ SLOPE FACTOR
- $C_I = 1.0$ WIND EXPOSURE FACTOR
- $C_I = 1.0$ (EXCEPT WHERE SNOW DRIFTING OCCURS)

12.0 WIND LOADS

PRIMARY STRUCTURAL ACTION

$P = I_e V_e C_{E} C_{G} C_{I}$

WHERE:

- $I_e = 1.25$ POST-DISTASTER IMPORTANCE (U.S.)
- $I_e = 0.75$ POST-DISTASTER IMPORTANCE (U.S.)
- $I_e = 0.41$ kPa (1 IN SO, OTTAWA (BARRHAVEN), ON)
- $C_E = 0.85$ OPEN EXPOSURE
- $C_G = 1.0$ TOPOGRAPHIC FACTOR
- $C_I = \text{VARIES}$ BUILDING AREA DEPENDENT PER FIGURE 4.1.7.6A

WIND BASE SHEAR AND OVERTURNING MOMENT (UNFACTORED)

$V_{U,S} = 61.7 \text{ kN}$

$M_{U,S} = 28.9 \text{ kNm}$

$M_{U,S} = 142 \text{ kNm}$

DESIGN OF ROOF, INDIVIDUAL WALLS, AND STRUCTURAL COMPONENTS

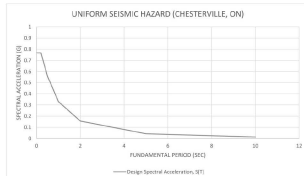
WALL EXTERNAL PRESSURE - GUST COEFFICIENTS PER FIGURE 4.1.7.3C

ROOF EXTERNAL PRESSURE - GUST COEFFICIENTS PER FIGURE 4.1.7.3C

STRUCTURAL DESIGN CONSIDERS CATEGORY 3 INTERNAL PRESSURES AS REQUIRED BY OBC. STEEL FOR POST-DISTASTER STRUCTURES. REFER TO WIND UPLIFT DIAGRAM ON S01 FOR ROOF WIND PRESSURES.

13.0 SEISMIC LOADINGS

DESIGN RESPONSE SPECTRUM GRAPH (2% IN 50 YEARS AND MODIFIED FOR SITE CLASS)



$V_{U,S} = I_e V_e C_{E} C_{G} C_{I} W$ 353 kN SEISMIC BASE SHEAR EQUATION
 $R_u W$

UNIFORM SPECTRAL HAZARD FOR SITE COORDINATES (45° N, 75° 34' W) AS PER NATIONAL RESOURCE COUNCIL 2020 NCEI SEISMIC HAZARD CALCULATOR FOR SEISMIC SITE CLASS D.

1 (MBC)	2 (MBC)
$R_u W$	0.403
$R_u W$	0.188
$R_u W$	0.188
$R_u W$	0.188
$R_u W$	0.188
$R_u W$	0.188

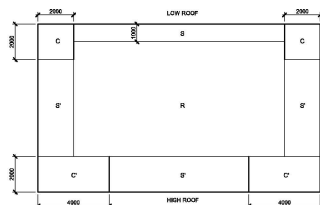
$I_e = 1.25$ POST-DISTASTER IMPORTANCE
 $V_{U,S} = 2.500 / 2.000 = 1.25$ SEISMIC HAZARD INDEX
 $W = 289 \text{ kN}$ FILTER BUILDING HEIGHT
 $V_{U,S} = 250 \text{ kN}$ MAXIMUM BASE SHEAR
 $V_{U,S} = 514.0 / 2.000 = 257 \text{ kN}$ MINIMUM BASE SHEAR
 $V_{U,S} = 257 \text{ kN}$

$R = 1.25$ TORSIONAL SENSITIVITY COEFFICIENT

THE STRUCTURE DOES NOT CONTAIN ANY STRUCTURAL IRREGULARITIES. AN EQUIVALENT STATIC FORCE PROCEDURE WAS COMPLETED.

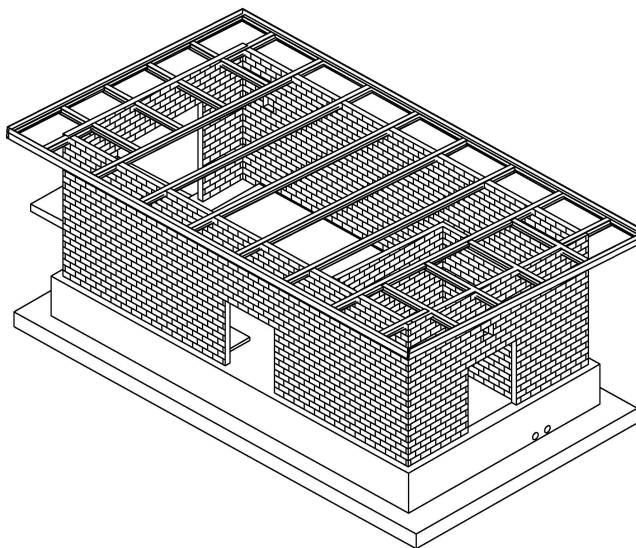
EQUIVALENT STATIC BASE SHEAR FORCE

$R_u = 2.0$ DUCTILITY FACTOR - MODERATELY DUCTILE MASONRY SHEAR WALL
 $R_u = 1.5$ OVERSTRENGTH FACTOR - MODERATELY DUCTILE MASONRY SHEAR WALL
 $T_{max} = 0.100 \text{ sec}$ NCEI EQUATION 4.1.11 (4) (a) SHEAR WALLS WITH STEEL DECK DIAPHRAGM
 $T_{max} = 0.100 \text{ sec}$ USED TO CALCULATE $V_{U,S}$
 $T_{max} = 0.100 \text{ sec}$ (4) (a) (b) SHEAR WALLS WITH STEEL DECK DIAPHRAGM
 $M_u = 1.0$ HIGHER MODE EFFECT FACTOR
 $V_{U,S} = 250 \text{ kN}$ BASE SHEAR USED FOR DESIGN



ZONE	GROSS WIND UPLIFT PRESSURES	GROSS WIND DOWNWARD PRESSURES
C	-1.18 kPa	0.80 kPa
S	-1.18 kPa	0.80 kPa
R	-1.18 kPa	0.80 kPa
E'	-1.18 kPa	0.80 kPa
E	-1.18 kPa	0.80 kPa

NOTE: UPLIFT PRESSURES REPORTED ABOVE INCLUDE CATEGORY 3 INTERIOR PRESSURES. $V_{U,S} = 1.0$ AND ARE UNFACTORED.



NOTE: ROOF DECK NOT SHOWN FOR CLARITY

STRUCTURAL 3D VIEW
(FOR REFERENCE ONLY)

2

SCALE:

1	ISSUED FOR CONSTRUCTION	1/2023
2	ISSUED FOR TENDERS	3/2023
3	REVISED / REVISION	REVISION

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SCALE: 1:100

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North Dundas

CONSULTANT: J.L. Richards
REGISTERED ARCHITECTS PLANNERS

CONSULTANT: J.L. Richards
REGISTERED ARCHITECTS PLANNERS

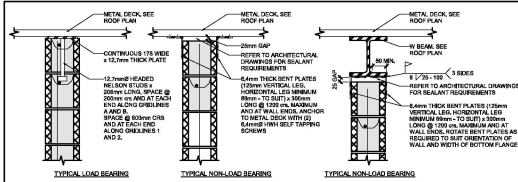
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REGISTERED ARCHITECTS PLANNERS

PROJECT: CHESTERTVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES
VILLAGE OF CHESTERTVILLE, ONTARIO

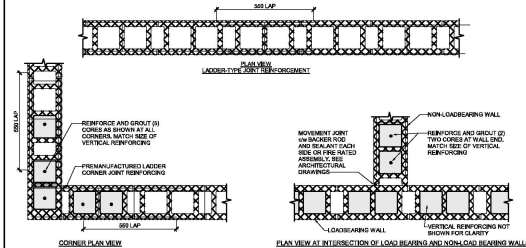
LOADING NOTES

DESIGN	CD	DESIGNER
DRAWN	SWW	CD
CHECKED	BC	CD
DATE	1/2023	CD

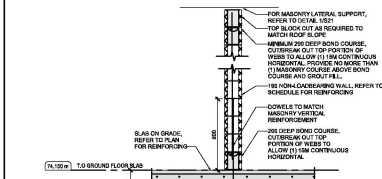
S01



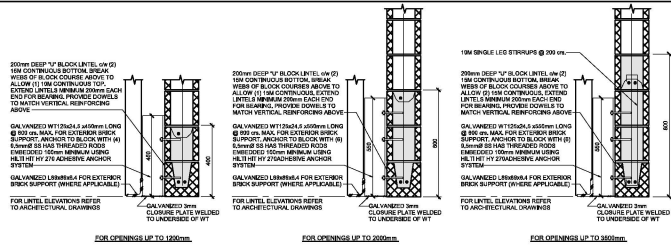
TYPICAL MASONRY BLOCK WALL SUPPORT DETAIL
SCALE: 1:10



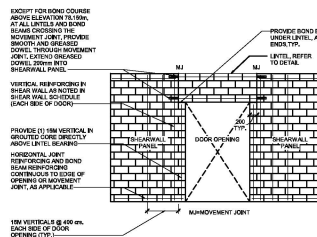
TYPICAL NON-LOADBEARING MASONRY REINFORCEMENT DETAILS
SCALE: 1:10



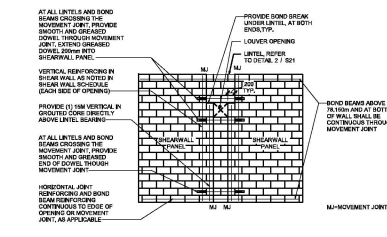
TYPICAL NON-LOADBEARING MASONRY WALL DETAIL
SCALE: 1:20



TYPICAL MASONRY LINTEL DETAILS
SCALE: 1:10



MASONRY LINTEL AT DOORS
SCALE: 1:10



MASONRY LINTEL AT LOUVERS
SCALE: 1:10

NO.	REVISION	DATE
1	ISSUED FOR CONSTRUCTION	1/10/2021
2	ISSUED FOR TENDER	3/10/2021
3	ISSUED FOR TENDER	3/10/2021
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9	ISSUED FOR TENDER	3/10/2021
10	ISSUED FOR TENDER	3/10/2021

DATE: 10/10/2021

CLIENT: **J.L. Richards**
ARCHITECTS PLANNERS

CONSULTANT: **J.L. Richards**
ARCHITECTS PLANNERS

PROFESSIONAL STAMP: **J.L. Richards**
ARCHITECTS PLANNERS

PROJECT: **CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES**

LOCATION: **WILSONVILLE, ONTARIO**

TYPICAL MASONRY DETAILS

DATE: 10/10/2021

SCALE: 1:10

PROJECT: **CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES**

LOCATION: **WILSONVILLE, ONTARIO**

TYPICAL MASONRY DETAILS

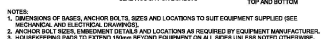
DATE: 10/10/2021

SCALE: 1:10

PROJECT: **CHESTERVILLE DRINKING WATER SUPPLY SYSTEM UPGRADES**

LOCATION: **WILSONVILLE, ONTARIO**

TYPICAL MASONRY DETAILS



SCALE: 1-25



SCALE: 5:20



SCALE: 1:10



SCALE = 1-20



SCALE: 1:25

1	ISSUED FOR CONSTRUCTION	12/06/20
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CONSULTANT:



CHESTERVILLE DRINKING WATER

VILLAGE OF CHESTERVILLE, ONTARIO

TYPICAL DETAILS

DESIGN: OD	
DRAWN: SAW	DRAWING #: _____



1 PIPING DEMOLITION GENERAL ARRANGEMENT
SCALE: N.T.S.

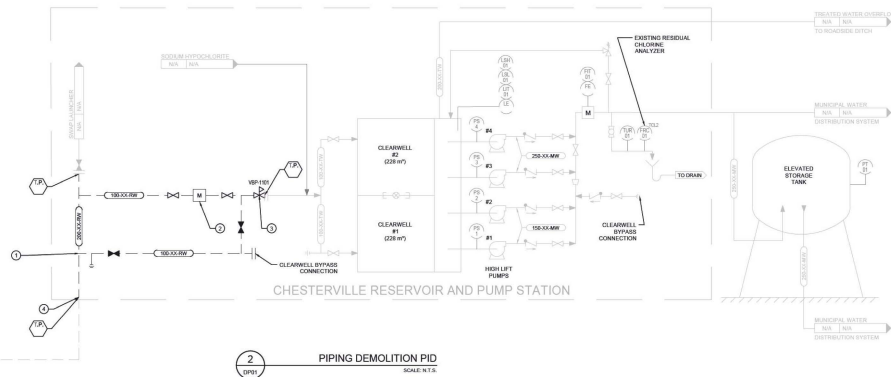
DRAWING NOTES:

- SCHEDULE 80 CLAS AND COORDINATE WORK FOR UNINTERRUPTED PLANT OPERATIONS TO REMOVE DISTRIBUTION HEADERS TO THE POINTS AS INDICATED TO FACILITATE UPGRADING MAINLINE TIE'S FROM 200 X 150 mm TO 300 X 200 mm.
- ELECTRICAL CONTRACTOR TO MAKE SAFE AND DEMOLISH EXISTING FLOW METER AND ASSOCIATED TRANSMITTER. REMOVE CONDUIT AND WIRING BACK TO SOURCE.
- REMOVE AND RETAIN EXISTING BACK PRESSURE VALVE INCLUDING ALL APPURTENANCES FOR RE-INSTALLATION. CONFIRM OPERATION AND PROVIDE INSPECTION AND TEST REPORT PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
- CUT 300 MM PIPE ABOVE FLOOR AND ATTACH (WELD OR A FLANGE FOR BOLTING CONNECTION OF A NEW HEADER.

 INDICATES SCOPE OF DEMOLITION

DEMOLITION GENERAL NOTES:

- DEMOLITION DRAWINGS ARE BASED ON SITE OBSERVATION AND DO NOT NECESSARILY REFLECT ALL DETAILS, PIPING, CONDUITS, ETC. TO BE REMOVED.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS TO FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK PRIOR TO PROCEEDING.
- PRIOR TO COMMENCING DEMOLITION, THE OWNER AND CONTRACTOR WILL TOUR THE SITE AND CONFIRM EXACT DEMOLITION SCOPE.
- UNLESS INDICATED OTHERWISE, ALL DEMOLISHED MATERIAL TO BE REMOVED FROM SITE AND DISPOSED OF IN AN APPROVED MANNER.
- REMOVE ANCHORS WHEN REMOVING SUPPORTS. DO NOT LEAVE ANY ANCHORS IN CONCRETE SURFACES (FLOOR, WALLS, CEILING, ETC.). REPAIR ALL SURFACES AFTER REMOVAL.
- REMOVE ALL PIPING, CONDUITS, SUPPORTS, ETC. ASSOCIATED WITH REMOVED EQUIPMENT AND / OR MATERIALS. CUT FLUSH WITH, OR BELOW WHERE DETAILLED. MAKE GOOD SURFACES.
- REMOVE ALL SUPPORTS, VALVES, ETC. ASSOCIATED WITH REMOVED PIPING. WHERE SECTIONS OF PARTIALLY DEMOLISHED PIPING IS TO REMAIN, PROVIDE PIPE CAP / SUB-FLANGE AT THE TERMINATION POINT OF THE DEMOLITION.
- REFER TO DRAWINGS OF EACH DISCIPLINE FOR TYPICAL DETAILS FOR MAKING GOOD SURFACES, TERMINATING PIPING, FILLING OPENINGS AND BELIEVES, ETC.
- REMOVE EXISTING PIPING ETC. MADE OBSOLETE BY NEW INSTALLATION.
- COORDINATE REMOVAL OF ALL POWER AND CONTROLS FOR MECHANICAL EQUIPMENT REMOVALS WITH DIVISION 16.
- DEMOLITION TO BE PHASED TO MAINTAIN PLANT OPERATION AT ALL TIMES. REFER TO CONSTRUCTION SEQUENCING SPECIFICATIONS PRIOR TO DEMOLITION.



2 PIPING DEMOLITION PID
SCALE: N.T.S.

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2	ISSUED FOR TENDER	2/16/2021
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