# J.D. HODGSON E.S. **DOOR & SCREEN RENOVATIONS**



## **TRILLIUM LAKELANDS DISTRICT SCHOOL BOARD**

## ARCHITECTURAL DRAWING LIST

A001	COVER SHEET, KEY PLAN & OBC MATRIX
A301	DEMO & NEW FLOOR PLANS
A401	FLEVATIONS

SCREEN TYPES, SCHEDULES & DETAILS A501 A502 SCREEN DETAILS

STRUCTURAL DRAWING LIST

GENERAL NOTES S-100 TYPICAL DETAILS S-101

S-200 NEW FRAMING PLANS MECHANICAL DRAWING LIST

NOT APPLICABLE M001

**ELECTRICAL DRAWING LIST** 

E001 NOT USED



SHEET SIZE: A2 ( 16.5" X 23.4" ) (420mm X 594mm)

## GENERAL NOTES:

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL SPECIFICATIONS. REPORT ANY DISCREPANCIES OR CONFLICTS TO CONSULTANTS.
- 2. CONTRACTOR TO ENSURE PROTECTION TO ALL EXISTING BUILDING SYSTEMS THAT ARE TO REMAIN DURING DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR REPAIRS AND/OR REPLACEMENT TO ANY DAMAGE CAUSED BY CONTRACTOR &/OR SUB - CONTRACTOR.
- 3. ALL EXISTING ITEMS RELATED TO LIFE AND FIRE SAFETY TO REMAIN OPERATIONAL
- 4. PATCH & MAKE GOOD, ALL EXISTING AREAS OR NEW SURFACE AREAS DAMAGED OR AFFECTED BY THE WORK OF THIS CONTRACT, MAKE GOOD ALL TRADES (TYPICAL). REFER ALSO TO SECTION 01 35 16 - ALTERATION PROCEDURES, OF THE SPECIFICATIONS.
- 5. 'PATCH & MAKE GOOD', INDICATES NEW WORK TO BE EQUAL OR BETTER QUALITY OF ADJACENT MATERIAL
- 6. WHERE REQUIREMENTS CALL FOR MATCHING EXISTING CONSTRUCTION, FINISHES, PRODUCTS, ETC., THE ARCHITECT'S DECISION WILL BE FINAL ON WHETHER THE MATCH IS ACCEPTABLE . IF THE MATCH IS NOT ACCEPTABLE, PROVIDE SAMPLES OF SUITABLE ALTERNATIVES FOR THE ARCHITECT'S SELECTION.
- 7. REPORT TO CONSULTANTS THE PRESENCE OF ANY SERVICES WHICH WILL INTERFERE WITH THE DEMOLITION OR ALTERATION WORK.
- 8. CONDITIONS VARY, CONTRACTOR TO SITE VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ORDERING AND REPORT ANY DISCREPANCIES TO THE CONSULTANT
- 9. CONTRACTOR SHALL VERIFY THE EXTENT OF DEMOLITION AND REMOVALS ON SITE. DEMOLITION/ ALTERATION WORK INDICATED ON DRAWINGS SHOWS GENERAL INTENT OF EXISTING CONSTRUCTION TO BE REMOVED. READ IN CONJUNCTION ALL ARCHITECTURAL DOCUMENTS, DRAWINGS & SPECIFICATIONS PROVIDED.
- 10. UNLESS NOTED OTHERWISE, ALL DEBRIS FROM DEMOLITION TO BE DISPOSED OFF-SITE.
- 11. ALL ITEMS INDICATED FOR DEMOLITION TO BE REMOVED OFF- SITE, UNLESS NOTED OTHERWISE

## REPLACEMENT / DEMOLITION LEGEND:

(1.0)

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DENOTES AREAS OF SCOPE OF WORK

GRAY TONE INDICATES EXISTING AREAS

NOT AFFECTED BY SCOPE OF WORK

GRAY LINE INDICATES EXISTING BUILDING COMPONENT TO REMAIN

- INDICATES EXISTING DOOR AND/OR FRAME TO BE REPLACED - REFER TO DOOR/ FRAME TYPES, DOOR SCHEDULE & SPECIFICATIONS

INDICATES EXISTING DOOR & FRAME

TO REMAIN

INDICATES DOOR NUMBER TO BE REPLACED - REFER TO DOOR/SCREEN TYPES, DOOR SCHEDULE & SPECIFICATIONS. INDICATES SCREEN TYPE (S0#)

- REFER TO SCREEN TYPES & SCHEDULES DRAWING INTERIOR ELEVATION REFERENCE

# (# + - REFER TO A401 ELEVATIONS DRAWING

LENNOX ARCHITECTS LIMITED 24 Morgan Heights Drive, Huntsville, ON

T705 789 8960 Name of Project:

J. D. Hodgson E.S. Door & Screen Renovations

Location:

1020 Grass Lake Road, Halliburton, ON, K0M 1S0

Ontario Building Code Data Matrix, Part 11 – Renovation of Existing Building					Building Code Reference	
11.1	Existing Building classification:	Describe Existing Use: Construction Index: Hazard Index: Importance Category :	ELEMENTA	RYSCHOOL		11.2.1 T 11.2.1.1A T 11.2.1.1B to N 4.2.1.(3) & 5.2.2.1.(2)
		Not Applicable (no cha	ange of maj	or occupancy)		
11.2	Alteration to Existing Building is:	Basic Renovation Extensive Renovation				11.3.3.1 11.3.3.2
11.3	Reduction in Performance Level:	Structural: By Increase in occupant lo By change of major occup Plumbing: Sewage-system:	bad: ancy:	XI No XI No XI No XI No XI No XI No	□ Yes □ Yes □ Yes □ Yes □ Yes	11.4.2 11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
11.4	Compensating Construction:	Structural: Increase in occupant load: Change of major occupant Plumbing: Sewage system:	cy:	INO INO INO INO INO INO	<ul> <li>Yes (explain)</li> <li>Yes (explain)</li> <li>Yes (explain)</li> <li>Yes (explain)</li> <li>Yes (explain)</li> <li>Yes (explain)</li> </ul>	11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6
11.5	Compliance Alternatives Proposed:	⊠ No □ Yes (give number[s])				11.5.1



IJENNOX

ARCHITECTS

24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com

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KEY PLAN



July 2016

SHEET NUMBER:

A001



REPLACEMENT / DEMOLITION LEGEND:	REPLACEMENT/ DEMOLITION NOTES:	
(1.0) DENOTES AREAS OF SCOPE	AREA OF WORK FOR VESTIBULE SCREEN REPLACEMENT	
GRAY LINE INDICATES EXISTING	1.1. CAREFULLY REMOVE AND DISCARD OF EXISTING DOORS, FRAMES & SCREENS AND ALL RELATED	LENNO
BUILDING COMPONENT TO REMAIN GRAY TONE INDICATES EXISTING AREAS	COMPONENTS.	ARCHITEC
NOT AFFECTED BY SCOPE OF WORK	COORDINATE WITH OWNER WHICH ITEMS THEY WANT RETURNED. REMAINING TO BE DISCARDED.	
INDICATES EXISTING DOOR & FRAME TO REMAIN	1.3. PREPARE ALL EXISTING SURFACES AS REQUIRED TO RECEIVE NEW CONSTRUCTION, AS PER THESE DRAWINGS AND SPECIFICATIONS.	T 705 789 8960 W www.lennoxarchi
- INDICATES EXISTING DOOR AND/OR FRAME TO BE REPLACED - REFER TO DOOR/ FRAME TYPES, DOOR	1.4. SITE VERIFY EXISTING OPENINGS AND COORDINATED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, ANY DISCREPANCIES FROM THESE DRAWINGS ARE TO BE COMMUNICATED TO CONSULTANT.	SEAL ASSO
INDICATES DOOR NUMBER TO BE REPLACED	1.5. CONTRACTOR '360' TO DISCONNECT AND REINSTALL EXISTING POWER DOOR ACTUATORS IN NEW DOOR & SCREEN. REFER TO SPECIFICATIONS, DRAWINGS & HARDWARE SCHEDULE.	APPIC
	1.6. PATCH, MAKE GOOD & REPAINT, ALL EXISTING CEILING, SOFFIT AND WALL SURFACES, DAMAGED OR AFFECTED BY THIS WORK.	ARCHITECTS
REFER TO SCREEN TYPES & SCHEDULES DRAWING # # # # # # # # # # # # # # # # # # #	<ul> <li>AREA OF WORK FOR FLOOR PATCH WORK</li> <li>2.1. CAREFULLY REMOVE AND DISPOSE OF EXISTING TILE DAMAGED BY REMOVAL OF EXISTING SCREEN. THE total AREA OF REMOVED TILE SHOULD BE AS DEEP AS EXTENT OF DAMAGE AND AS WIDE AS THE ENTIRE SCREEN &amp; DOOR COMBINATION. (APPROXIMATELY 3 TILES DEEP BY ENTIRE WIDTH OF NEW SCREEN &amp; DOOR COMBINATION).</li> </ul>	SUSAN LENNOX LICENCE
HATCH INDICATES DEMOLITION & REPLACEMENT	2.2. PREPARE ALL EXISTING SUBFLOOR TO RECEIVE NEW TILE 150mm X 150mm TO MATCH EXISTING.	· · · · · · · · · · · · · · · · · · ·
HATCH INDICATES AREA OF NEW PCT FLOOR	<ul> <li>AREA OF WORK FOR NEW RATED GYP PARTITION</li> <li>3.1. CAREFULLY REMOVE AND DISPOSE OF EXISTING GYPSUM ABOVE REMOVED SCREEN.</li> </ul>	KEY PLAN
EX.PCT, PCT INDICATES TRANSITION BETWEEN FLOOR FINISHES.	3.2. REMOVE AS REQUIRED EXISTING ACT CEILING TILE IN THE VESTIBULE AND LOBBY SIDES OF THE SCREEN TO ALLOW FOR PROPER DEMOLITION AND INSTALATION OF NEW BULKHEAD AS PER THESE DOCUMENTS.	
TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING VCT/PCT TILE JOINT. AT LOCATIONS WHERE NEW FINISH ABUTS DIFFERENT FINISH (FOR EXAMPLE LOCATIONS	3.3. PREPARE ALL SURFACES FOR NEW RATED BULKHEAD INSTALLATION TO U/S OF DECK AS PER THESE DRAWINGS.	
WHERE PCT TRANSITIONS TO VCT), IT IS THE CONTRACTOR RESPONSIBILITY TO PROVIDE ADEQUATE THRESHOLD TO SUIT TRANSITION	(4.0) AREA OF WORK FOR NEW ADMIN. SCREEN	
BETWEEN PROPOSED FINISHES. (REFER TO ROOM FINISH SCHEDULE & MATERIALS)	4.1. CAREFULLY REMOVE & STORE IN SAFE PLACE, EXISTING FIRE SAFETY CABINET, BOX, SIGNAGE AND BENCH. RE-INSTALL WHEN WORK COMPLETE.	
	4.2. SAW CUT EXISTING BLOCK WALL TO ACCOMMODATE INSTALLATION OF NEW SCREEN OPENING AS PER THESE DOCUMENTS.	
	4.3. INSTALL NEW LINTEL AS PER STRUCTURAL DRAWINGS.	
	4.4. PATCH, MAKE GOOD & REPAINT ALL ADJACENT SURFACES TO REMAIN THAT HAVE BEEN DAMAGED OR AFFECTED BY THE WORK OF THIS CONTRACT.	REVISIONS No. Date Description
	(5.0) AREA OF WORK FOR ADMIN. SCREEN REPLACEMENT	1 Apr.23/21 Issued for Permit /
	5.1. CAREFULLY REMOVE & DISCARD OF EXISTING DOORS, SCREENS AND ALL RELATED COMPONENTS.	
	5.2. REMOVE, PROTECT AND TURN OVER TO THE OWNER HARDWARE FROM REMOVED DOORS. COORDINATE WITH OWNER WHICH ITEMS THEY WANT RETURNED. REMAINING TO BE DISCARDED.	
	5.3. PREPARE ALL EXISTING SURFACES AS REQUIRED TO RECEIVE NEW CONSTRUCTION, AS PER THESE DRAWINGS AND SPECIFICATIONS.	
	5.4. SITE VERIFY EXISTING OPENINGS AND COORDINATED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. ANY DISCREPANCIES FROM THESE DRAWINGS ARE TO BE COMMUNICATED TO	
-	CONSULTANT. 5.5. PATCH, MAKE GOOD & REPAINT, ALL EXISTING CEILING, FLOOR AND WALL SURFACES, DAMAGED OR	
_	AFFECTED BY THIS WORK.	
WALL TYPE SCHEDULE	(6.0) AREA OF WORK FOR NEW DOORS INTO ADMIN.	
INDICATES WALL TYPE	6.1. CAREFULLY REMOVE & DISCARD OF EXISTING SCREEN AND ALL RELATED COMPONENTS.	
	DOORS AS PER THESE DOCUMENTS.	
NORMAL WEIGHT FIRE RESISTANCE RATING - 1HOUR	6.3. REMOVE & DISCARD OF EASTING WALL RECEPTACLE. 6.4. PREPARE ALL EXISTING SURFACES AS REQUIRED TO RECEIVE NEW CONSTRUCTION, AS PER THESE	
(CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK) PROVIDE SQUARE EDGES AT FIRST COURSE FOR NEV FLOOR BASE INSTALLATION	DRAWINGS AND SPECIFICATIONS.	
VLC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD	CONSTRUCTION. ANY DISCREPANCIES FROM THESE DRAWINGS ARE TO BE COMMUNICATED TO CONSULTANT.	J.D. Hodgson E.S. Door & Screen Renovat
92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO	AFFECTED BY THIS WORK.	1020 Grass Lake Road, Halliburton, K0M 1S0
U/S OF EXISTING DECK) NOTES:		
<ol> <li>FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS.</li> <li>WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS.</li> <li>REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.</li> <li>MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF</li> </ol>		Crillium Lakeland
EXISTING MASUNKY AND BE SAW TOOTH INTO EXISTING COURSING.		SHEET TITLE
		DEMO & NEW
FIRE SEPARATION		
		PHASE: Permit / Tender
60MIN. FIRE RATING		
		REVIEWED BY: S. LENNOX
		DATE: July, 2020
		SCALE: As indicated
		LENNOX ARCHITECTS NO.: 21 (
		CONSTRUCTION TRUE NORTH
		SHEET NUMBER:
-		A301

Huntsville, ON, P1H 1B7 w.lennoxarchitects.com SSOCIAN TECTS Z ~ ENNOX NCE 0000

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o.	Date	Description
1	Apr.23/21	Issued for Permit / Tender
	J.D. H	odason E.S.
Г	Door & Scr	een Renovations
	1020 Grass Lak	e Road Halliburton ON
		KOM 1S0
21.11		
		7
	(ri	illium
		abolando
		T SCHOOL BOARD
SHE	ET TITLE	
	DEM	O & NEW
	FL OO	R PLANS
	0 0	

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LENNOX

ARCHITECTS







25.4010.10	
REVISIONS No. Date	Description
1 Apr.23/21	Issued for Permit / Tender
PROJECT	
J.D.	Hodgson E.S.
Door & S	screen Renovations
1020 Grass	KOM 1S0
(	
	rillium .
V	Lakelands
D15	STRICT SCHOOL BOARD
	SCREEN
PHASE:	Permit / Tender
DRAWN BY:	S. MARQUES
REVIEWED BY:	S. LENNOX
	h.h. 0000
DATE:	July, 2020
SCALE:	As indicated
LENNOX ARCHI	TECTS NO.: 21 001
CONSTRUCT NORTH	TON TRUE NORTH
SHEET NUMBE	R:
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GENER 1.	AL NOTE THESE SPECIE	S: DRAWIN	NGS MUST BE READ IN CONJUNCTION WITH ALL DRAWINGS AND	
	RESPO REPOR THE WO	NSIBILIT T ANY II DRK.	TY OF THE CONTRACTOR. EXISTING CONDITIONS ARE ASSUMED. NCONSISTENCIES TO THE CONSULTANT BEFORE PROCEEDING WITH	
2.	THIS IS A METRIC PROJECT. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.			
3.	DO NOT	T SCALE	THESE DRAWINGS.	
4.	SEE AR	CHITEC	TURAL DRAWINGS FOR FIREPROOFING REQUIREMENTS.	
5.	CODES	AND ST	TANDARDS:	
	5.1. COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE ONTARIO BUILDING CODE (OBC) IN FORCE AND ALL REGULATIONS AND STANDARDS THAT ARE IN EFFECT AT THE TIME OF THE CONSTRUCTION.			
6.	SHOP DRAWING AND OTHER SUBMITTALS:		G AND OTHER SUBMITTALS:	
	6.1. SUBMIT FOR REVIEW BEFORE START OF WORK:		IT FOR REVIEW BEFORE START OF WORK:	
		6.1.1.	STRUCTURAL STEEL	
	6.2.	SHOP BY A F OF AU	DRAWINGS FOR STRUCTURAL STEEL MUST BE SIGNED AND SEALED PROFESSIONAL ENGINEER LICENSED IN ONTARIO WITH CERTIFICATE ITHORIZATION FOR PRACTICE AND REQUIRED LIABILITY INSURANCE.	
	6.3.	REVIE STRUC MADE CONT STRUC AUTHO SHALL COMP QUAN PROC CONS PERFO REVIE CONS DESIG STRUC ETC.).	W OF SHOP DRAWINGS IS ONLY FOR GENERAL CONFORMITY WITH CTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS. COMMENTS ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE RACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS, NOR DO THEY ORIZE ANY CHANGES TO THE CONTRACT. REVIEW OF A SPECIFIC ITEM . NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A ONENT. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE ALL TITIES, DETAIL DIMENSIONS, FIELD MEASUREMENTS, FABRICATION ESS, MEANS, METHODS, SEQUENCES AND PROCEDURES OF TRUCTION, COORDINATION OF WORK WITH ALL TRADES AND ORMING ALL WORK IS A SAFE AND SATISFACTORY MANNER. THE W OF SHOP DRAWINGS DOES NOT IMPLY ANY CHANGE IN ANY OTHER ULTANTS' OR PROFESSIONALS' RESPONSIBILITIES RELATED TO SN OF SPECIFIC ITEMS AS OUTLINED BY THE SPECIFICATIONS (SUCH AS CTURAL STEEL CONNECTIONS, STEEL JOISTS, PRECAST ELEMENTS,	
	6.4.	AFTEF RETUF FOLLC 6.4.1.	R REVIEW OF SHOP DRAWINGS, ONLY ERECTION DIAGRAMS WILL BE RNED TO THE CONTRACTOR STAMPED TO SHOW ONE OF THE DWING: NOT REVIEWED – IF THE WORK IS NOT IN LEA CONSULTING LTD. SCOPE	9.
		6.4.2.	REVIEWED - NO COMMENTS NOTED	
		6.4.3.	REVIEWED AS MODIFIED – COMMENTS NOTED ON THE DRAWINGS	
		6.4.4.	RESUBMIT – CORRECTION OF THE NOTED ITEMS MUST BE MADE AND RESUBMITTED FOR REVIEW	
	6.5.	ALLOW OF SHO LARGE PRIOR SEQUE	A MINIMUM OF 10 WORKING DAYS FOR REVIEW OF EACH SUBMISSION OP DRAWINGS IN THE STRUCTURAL OFFICE. ALLOW MORE TIME WHEN QUANTITIES OF SHOP DRAWINGS ARE SUBMITTED ALONG WITH A ITY LIST OF SUBMITTALS. SUBMIT IN ORDER WITH THE INTENDED ENCE OF CONSTRUCTION.	
7.	EXISTIN	IG STRU	JCTURE:	
	7.1.	EXISTI PREPA	NG BUILDING STRUCTURAL INFORMATION IS BASED UPON DRAWINGS ARED BY PRACK & PRACK ARCHITECTS & ENGINEERS DATED OCT 1970.	
	7.2.	EXISTI CONSI	NG CONDITIONS ARE ASSUMED. REPORT ANY VARIATIONS TO THE JLTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.	
	7.3.	PROTE LOADII EXISTI	ECT EXISTING STRUCTURE EXPOSED TO TEMPORARY CONSTRUCTION NG AND ACTIVITIES. WORK REQUIRED TO CONNECT OR REWORK NG STRUCTURE FOR THE NEW WORK IS WITHIN THIS CONTRACT.	
	7.4.	PROVI	DE TEMPORARY SHORING AND BRACING REQUIRED WHERE NEEDED.	
	7.5.	MAKE	GOOD ONCE STRUCTURAL WORK IS DONE AND REVIEWED.	10.
8.	STRUCT	FURAL N	/ASONRY:	
	8.1. 8.2.	CONFO	DRM TO CSA-A371 "MASONRY CONSTRUCTION FOR BUILDINGS". RIALS:	
		8.2.1.	HOLLOW BLOCK: CSA A165.1-H/15/X/X	
		8.2.2.	SOLID BLOCK: CSA A165.1-S/15/X/X	
		8.2.3.	CONCRETE BRICK: CSA A165.2 - TYPE I-25	
		8.2.4.	CLAY BRICK: CAN/CSA A82.1M - GRADE SW	
		8.2.5.	BELOW-GRADE MORTAR: CSA A179M - TYPE S	
		8.2.6.	ABOVE-GRADE MORTAR: CSA A179M - TYPE N	
		8.2.7.	GROUT FOR BLOCK CORES: CSA A179M - COARSE GROUT 1:3:2	
		8.2.8.	CEMENT:SAND:PEA STONE BY VOLUME WITH 200mm (8") SLUMP	

- DRILLED MASONRY ANCHORS (DMA) TO BE HILTI HLC SLEEVE ANCHORS OR 8.3. EQUIVALENT. PULL TEST ANCHORS TO RATED CAPACITY AND REPORT RESULTS.
- 8.4. NON LOAD-BEARING MASONRY WALLS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS.
- LAY UNITS IN RUNNING BOND. ALL FACE SHELLS SHALL BE FULLY BEDDED. 8.5. GROUT USING LOW LIFT GROUTING METHODS AND MAXIMUM 1500mm (5'-0") LIFTS. DO NOT USE MORTAR INSTEAD OF GROUT.
- 8.6. UNLESS OTHERWISE NOTED ON THE DRAWINGS, PROVIDE 3.66mm (9 GAUGE) GALVANIZED STEEL LADDER-TYPE JOINT REINFORCING EVERY SECOND BLOCK COURSE. PROVIDE JOINT REINFORCING IN THE FIRST TWO COURSES ABOVE AND BELOW WALL OPENINGS, AND EXTEND 600mm (2'-0") BEYOND EACH SIDE OF OPENING. USE HOT-DIPPED GALVANIZED MATERIAL FOR METAL TIES, GALVANIZED AFTER FABRICATION. USE PREFABRICATED CORNERS AND SPLICE LENGTHS OF 300mm (12") MINIMUM.
- PROVIDE LATERAL SUPPORT AT TOPS OF ALL WALLS. 8.7.
- 8.8 UNLESS OTHERWISE NOTED, PROVIDE MINIMUM 25 (1") DEFLECTION GAP AT TOP OF ALL NON LOAD BEARING MASONRY WALLS.
- 8.9. WHERE MASONRY WALLS ABUT COLUMNS OR CONCRETE WALLS, PROVIDE MINIMUM 25 (1") WIDE MOVEMENT JOINTS BETWEEN THEM AND FILL WITH COMPRESSIBLE MATERIAL. BUILD TIGHT FOR MASONRY SHEAR WALLS.
- 8.10. REINFORCED MASONRY: NO OVER-HANGING MORTAR OR DEBRIS SHALL BE ALLOWED INSIDE THE REINFORCED CELLS. REINFORCING SHALL BE PROVIDED FULL-LENGTH WITHOUT SPLICING, BUT MAY BE INSTALLED AFTER THE FIRST 1500mm (5'-0") OF MASONRY IS ERECTED. LOCATE RODS ACCURATELY IN THE CELLS AS SHOWN ON THE DRAWINGS, HOLD IN POSITION TOP AND BOTTOM. FILL CELLS CONTAINING REINFORCEMENT SOLIDLY WITH COARSE GROUT (DO NOT USE MORTAR). CONSOLIDATE BY PUDDLING WHEN PLACING AND AGAIN RECONSOLIDATE BEFORE PLASTICITY IS LOST. PLACE GROUT IN LIFTS NOT EXCEEDING 1500mm (5'-0"). STOP EACH LIFT 40mm (1 1/2") BELOW THE TOP OF A MASONRY UNIT.
- PROVIDE CONTROL JOINTS AT 6m (20'-0") CENTRES MAXIMUM. 8.11.
- PROVIDE STANDARD LINTELS OVER ALL OPENINGS IN MASONRY WALLS AND 8.12. PARTITIONS AS SHOWN ON TYPICAL DETAILS. CHECK ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS REQUIRING STANDARD LINTELS WHICH ARE NOT NECESSARILY SHOWN ON THE STRUCTURAL DRAWINGS.
- STRUCTURAL STEEL:
  - 9.1. CONFORM TO CAN/CSA S16 "LIMIT STATES DESIGN OF STEEL STRUCTURES".
  - FABRICATOR SHALL BE CERTIFIED BY CANADIAN WELDING BUREAU UNDER 9.2. REQUIREMENTS OF CSA W47.1, DIVISION 2 OR 3.
  - PROTECT COMBUSTIBLE MATERIALS AND FINISHES DURING WELDING 9.3. OPERATIONS.
  - MATERIALS: 9.4.

9.5.

- 9.4.1. CHANNEL, ANGLES: CAN/CSA G40.21, GRADE 350W
  - 9.4.2. PLATES AND BARS: CAN/CSA G40.21, GRADE 300W
  - 9.4.3. HIGH-STRENGTH BOLTS: ASTM A325M
  - REFERENCES:
  - 9.5.1. FABRICATION: CAN/CSA S16
  - 9.5.2. WELDING: CSA W59
  - 9.5.3. PRIMER PAINT: CISC/CPMA 2-75
- ALL STRUCTURAL STEEL CONNECTIONS MUST BE DESIGNED BY A 9.6. PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR TO CONFORM TO CAN/CSA S16-01.
- 9.7. APPLY PRIMER PAINT TO ALL STEELWORK, EXCEPT WHERE ZINC-RICH PAINT IS CALLED FOR ON THE DRAWINGS. TOUCH-UP PAINT AFTER ERECTION.
- PROVIDE ALL ERECTION BRACING REQUIRED TO KEEP THE STRUCTURE 9.8 STABLE AND IN ALIGNMENT DURING CONSTRUCTION.
- INSPECTION AND TESTING:
  - 10.1. THE CONTRACTOR MUST PROVIDE INSPECTION REPORTS FOR STRUCTURAL STEEL INCLUDING STEEL DECKING, MASONRY STRENGTH TESTS AND TEST REPORTS FOR CONCRETE. ALL REPORTS MUST BE PREPARED BY AN INDEPENDENT INSPECTION AND TESTING AGENCY.
  - STRUCTURAL STEEL INSPECTION AND TESTING OF MATERIALS AND 10.2. WORKMANSHIP, INCLUDING VISUAL THIRD-PARTY WELDING INSPECTION, WILL BE CARRIED OUT BY AN INDEPENDENT TESTING AGENCY. INDEPENDENT TESTING AGENCY TO BE CERTIFIED TO CSA W178.1 AND WELDING INSPECTOR TO BE CERTIFIED TO LEVEL 2 OR 3 OF CSA W178.2. SUBMIT INSPECTION AND TESTING CERTIFICATION AT THE REQUEST OF THE CONSULTANT.
  - MAKE ONE STANDARD TEST FOR EACH 50 CUBIC METRES OF CONCRETE, 10.3. BUT NOT LESS THAN ONE TEST FOR CONCRETE CAST EACH DAY. PROVIDE A GROUP OF THREE CONCRETE CYLINDERS FOR EACH STANDARD CONCRETE TEST. BREAK ONE CYLINDER AT 7 DAYS.

AT LEAST 6 MORTAR CUBES ARE TO BE TESTED FOR EACH 500 SQUARE METRES OF WALL, OR PORTION THEREOF. AT LEAST 2 CYLINDER TESTS SHALL BE MADE FOR EACH 20 CUBIC METRES OF GROUT OR LESS. TEST METHODS AND RESULTS SHALL CONFORM TO CSA A179.

11. CONSTRUCTION REVIEW:

NOTIFY THE CONSULTANT TWO WORKING DAYS / 48 HOURS PRIOR TO 11.1. CONCRETE POURS, BACKFILLING, AND COVERING UP THE STRUCTURE WITH FINISHES.

12. TEMPORARY WORKS

10.4.

- MAKE ADEQUATE PROVISIONS FOR ALL LOADS ACTING ON THE STRUCTURE 12.1. DURING ERECTION. PROVIDE TEMPORARY SHORING AND BRACING TO KEEP THE STRUCTURE PLUMB AND IN TRUE ALIGNMENT DURING CONSTRUCTION. MEMBERS SHOWN ON THE PLANS ARE THOSE REQUIRED FOR THE COMPLETED STRUCTURE AND MAY NOT BE SUFFICIENT DURING CONSTRUCTION.
- TEMPORARY BRACING AND SHORING ARE THE RESPONSIBILITY OF THE 12.2. CONTRACTOR. ALL SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR. PREPARE SHORING DRAWINGS SIGNED AND SEALED BY THE ENGINEER.
- 12.3. REROUTE ALL SERVICES IN AREAS AFFECTED BY CONSTRUCTION AS REQUIRED. PROVIDE TEMPORARY REROUTING AS REQUIRED TO KEEP THE BUILDING OPERATIONAL DURING CONSTRUCTION. SITE VERIFY SERVICES IMPACTED BY THE WORK, SERVICES PRESENT NOT NECESSARILY SHOWN ON PLANS.

13. REJECTED WORK:

DO NOT DELIVER TO THE SITE MATERIALS, WHICH ARE KNOWN NOT TO MEET 13.1. THE REQUIREMENTS OF THE SPECIFICATIONS. IF REJECTED AFTER DELIVERY, REMOVE IMMEDIATELY FROM SITE.

Screen Replacement CLIENT

rillium Lakelands

J. Douglas Hodgson E.S.

1020 Grass Lake Road, Halliburton, ON, K0M 1S0

SHEET TITLE



REVIEWED BY: DG

March, 2021 DATE: SCALE PROJECT NO.: 21302

> TRUE NORTH CONSTRUCTION NORTH C

> > S-100

SHEET NUMBER:





KEY PLAN

LEA Cons

Consulting Engineers and Planners

2021-04-23

www.LEA.ca

REVISIONS

No. Date

lting Ltd

**ISSUED FOR PERMIT &** 

TENDER



6	ANGLE SIZE (SPAN)	DETAIL
	L152x89x13	89
	2-L89x64x13 + 100x13 BOT PL.	64
	2-L152x89x13	<u> 89 89 </u>
	2-L178x102x13	102102
	2-L203x102x19 + 279x13 BOT PL.	102





KEY PLAN

LEA Co Consulting Engineer and Planner www.LEA.ca

REVISIONS



No.	Date	Description
1	2021-04-23	ISSUED FOR PERMIT & TENDER
	Douglas	Hodason F S
	Screen F	Replacement e Road, Halliburton, ON,



K0M 1S0

SHEET TITLE



PHASE: Permit / Tender REVIEWED BY: DG March, 2021 DATE: 1:20 SCALE:

PROJECT NO.: 21302



SHEET NUMBER:

S-101



SHEET SIZE: A2 ( 16.5" X 23.4" ) (420mm X 594mm)









FRAMING PLAN NOTES:

FACE BLOCK

- REFER GENERAL REQUIREMENTS AND DETAILS. 1.
- PROVIDE TEMPORARY SHORING AS REQUIRED. 2.
- SITE VERIFY EXISTING CONDITIONS AS REQUIRED. REPORT ANY 3. VARIATIONS TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.
- PATCH AND MAKE GOOD AS REQUIRED. MASONRY WALL LINTELS: 4. 5.
  - SITE VERIFY EXISTING WALL THICKNESSES. 1.
  - 2.
  - PROVIDE TEMPORARY SHORING AS REQUIRED. REFER TO ARCHITECTURAL DRAWINGS FOR OPENING 3. LOCATIONS.





S-200