



T31 SCOTT STREET

83.0' (25.30m)

BUTLER AVENUE

132.0' (40.24m)

PROPERTY LINE

SETBACK

11.50' (3.50m)

21.42' (6.53m)

77.31' (23.57m)

28.46 (8.68m)

26.24' (8.0m)

24.60' (7.50m)

PROPERTY LINE

SETBACK

STORAGE GARAGE

REMOVE EXISTING TREE  
AND ROOTS

24.60' (7.50m)

48.46' (14.77m)

PROPERTY LINE  
83.0' (25.30m)

SETBACK

13.12'  
(4.0m)

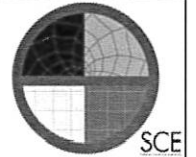
SETBACK

132.0' (40.24m)

PROPERTY LINE

SITE PLAN

SCALE: 1" = 10'-0"



SAULTEAUX CONSULTING ENGINEERING

SITE 206-207 RR#2  
FORT FRANCES, ONTARIO  
P9A 3M3  
1-807-274-7114

BCIN: 43291

SHEET TITLE:  
SITE PLAN

DRAWN BY: M.S. DATE: 19/07/03

CHECKED BY: TKB, D.Z. PROJECT NO. 18-050

SHEET NO. REV. NO.

SP1

MARK	DESCRIPTION	REVISION RECORD
1	ISSUED FOR TENDER/CONSTRUCTION	19/07/03 DZ
2		TRIMD BY
3		
4		

- 1.1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2012 ONTARIO BUILDING CODE (AS AMENDED).
- 1.2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK. DO NOT SCALE THESE DRAWINGS.
- 1.3. DRAWINGS OF A LARGER SCALE SHALL TAKE PRECEDENCE OVER DRAWINGS OF A SMALLER SCALE.
- 1.4. THESE DRAWINGS ARE THE PROPERTY OF SAULTEAUX CONSULTING & ENGINEERING (SCE). UNAUTHORIZED REPRODUCTIONS OF THESE DRAWINGS IS PROHIBITED WITHOUT THE CONSENT OF SCE.

- 2.1. EXCAVATION SHALL BE DOWN TO UNDISTURBED SOIL. REMOVE TOPSOIL AND ORGANIC MATERIAL.
- 2.2. WHERE ORGANIC MATERIAL IS ENCOUNTERED BELOW THE EXCAVATION LEVEL, EXCAVATE TO THE DEPTH OF THE MATERIAL AND REMOVE. REPLACE WITH GRANULAR "A" MATERIAL AND COMPACT TO 98% PROCTOR IN 6" LIFTS.
- 2.3. BEARING CAPACITY OF SOIL IS ASSUMED TO BE 75 KPa (1500 PSF) UNLESS OTHERWISE NOTED. FOOTINGS SHALL BEAR ON SIMILAR TYPE OF SOIL THROUGHOUT.

- 3.1. ALL STRUCTURAL FRAMING MEMBERS SHALL BE #1 OR #2 GRADE SPRUCE/PINE/FIR.
- 3.2. ALL WOOD IN CONTACT WITH CONCRETE SHALL EITHER BE PRESSURE TREATED OR PROTECTED BY 6 MIL CGSB VAPOUR BARRIER.
- 3.3. ALL WOOD IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED.
- 3.4. ROOF TRUSSES SHALL BE DESIGNED AND APPROVED BY A PROFESSIONAL ENGINEER LICENSED IN ONTARIO, AND ACCOMPANIED BY STAMPED DRAWINGS. BRACING SHALL BE INSTALLED AS PER TRUSS SHOP DRAWINGS. SUBMIT SHOP DRAWINGS TO SCE FOR REVIEW PRIOR TO FABRICATION.
- 3.5. ANCHOR BOLTS SHALL BE MIN. 1/2" DIA. x 7" LONG SIMPSON WEDGE-ALL ANCHORS OR EQUIVALENT, SPACED AT 48" O/C.
- 3.6. ALL WINDOW AND DOOR LINTELS TO BE MIN. 2 PLY 2x10, C/W SINGLE 2x6 CRIPPLE STUD ON EITHER SIDE OF OPENING, UNLESS OTHERWISE NOTED. WHERE 3 PLY HEADERS OR ENGINEERED LINTELS ARE NOTED, THEY SHALL BEAR ON DOUBLE CRIPPLE STUDS ON EITHER SIDE OF THE OPENING.
- 3.7. USE SIMPSON STRONG TIE TRUSS CLIPS (OR EQUIVALENT) WHERE REQUIRED. INSTALL AS PER MANUFACTURERS REQUIREMENTS.

- 4.1. ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 400 MPa. LAP ALL REINFORCING STEEL A MINIMUM 45 BAR DIAMETERS.
- 4.2. PROVIDE A MINIMUM OF 3" CONCRETE COVER OVER REINFORCING STEEL WHERE CONCRETE IS IN CONTACT WITH SOIL AND A MINIMUM 2" COVER ELSEWHERE.

- 5.1. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 32 MPa.
- 5.2. WHEN THE AIR TEMPERATURE IS BELOW 5°C, CONCRETE SHALL BE KEPT AT A TEMPERATURE OF NOT LESS THAN 10°C OR MORE THAN 25°C WHILE BEING MIXED AND PLACED.
- 5.3. FOR THE FIRST 12 HOURS AFTER PLACING, CONCRETE SHALL BE MAINTAINED AT A TEMPERATURE OF NOT LESS THAN 10°C.
- 5.4. WHEN MIXING CONCRETE, NO FROZEN MATERIAL OR ICE SHALL BE USED.

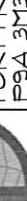
- 6.1. INSTALL EXTERIOR WALL AND ROOF CLADDING AS PER MANUFACTURERS REQUIREMENTS.
- 6.2. WALL CLADDING TO BE WESTMAN STEEL 26 GAUGE TOUGH RIB PRE-FINISHED METAL (COLOUR TO BE SELECTED)
- 6.3. ROOF CLADDING TO BE WESTMAN 29 GAUGE TOUGH RIB METAL (GALVALUME).
- 6.4. EAVESTROUGH TO BE 5" CONTINUOUS ALUMINUM C/W DOWNSPOUTS AS SHOWN. (COLUR TO MATCH FASCIA)
- 6.5. EVERY VAPOUR BARRIER JOINT SHALL LAP NO LESS THAN 4" AND SHALL BE SEALED OR SUPPORTED BY FRAMING.
- 6.6. DRIP FLASHING SHALL BE APPLIED OVER EXTERIOR WALL OPENINGS WHERE THE VERTICAL DISTANCE FROM THE BOTTOM OF THE EAVE TO THE TOP OF THE TRIM IS MORE THAN 1/4 OF THE HORIZONTAL OVERHANG OF THE EAVE.
- 6.7. FLASHING SHALL BE INSTALLED SO THAT IT EXTENDS UPWARDS NOT LESS THAN 2" BEHIND THE AIR BARRIER AND FORMS A DRIP ON THE OUTSIDE EDGE, C/W END DAMS.

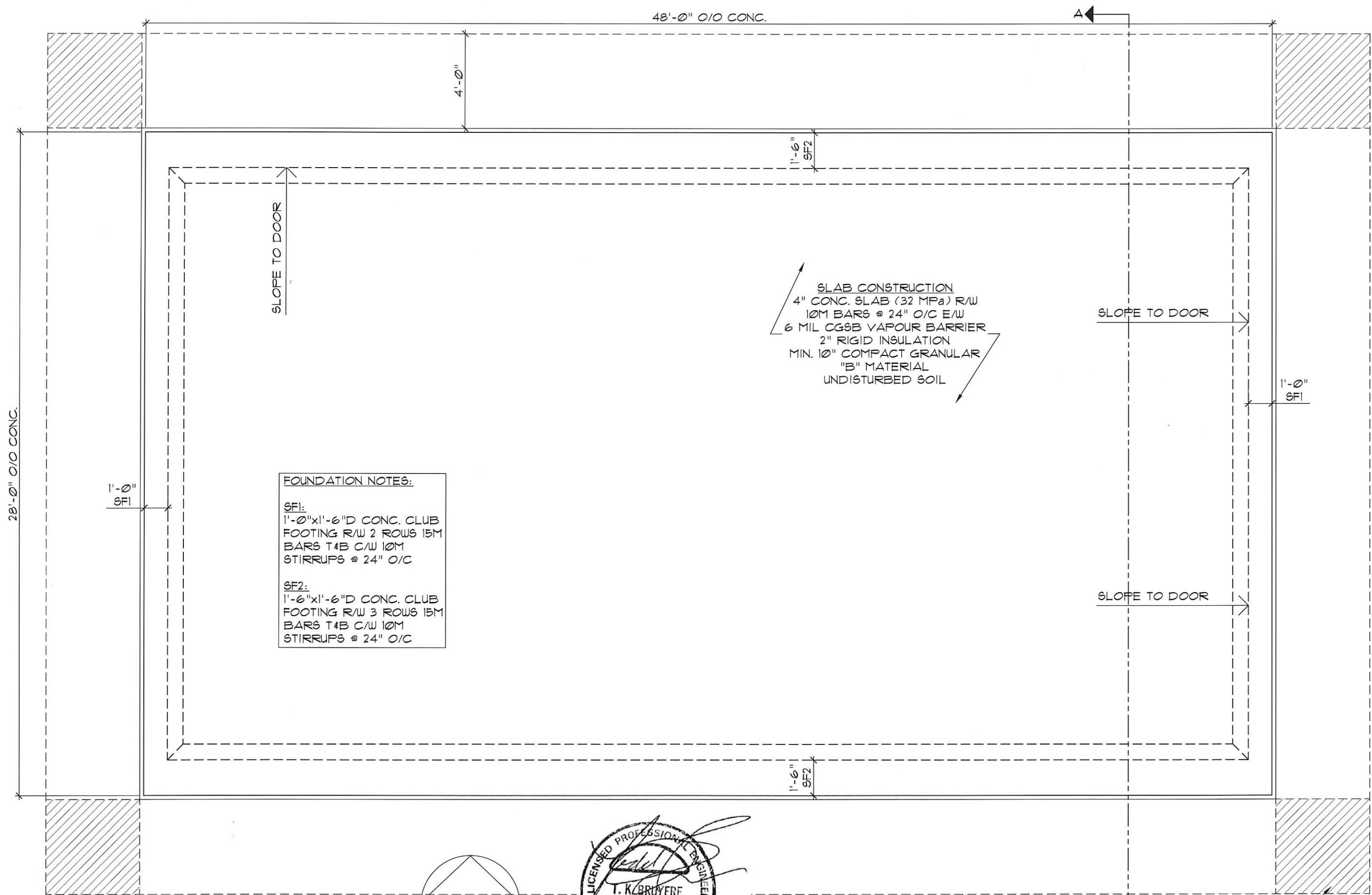
7.1. AS PER 1.1.1.1(3Xd) OF SB-10, DIVISION 5, THE BUILDING IS NOT INTENDED FOR OCCUPANCY ON A CONTINUING BASIS DURING THE WINTER MONTHS. THEREFORE, IT IS EXEMPT FROM THE REQUIREMENTS OF SB-10 OF THE OBC (AS AMENDED).

7.2. RIGID INSULATION TO BE MIN. TYPE II, EXTRUDED POLYSTYRENE, WITH A MINIMUM COMPRESSIVE STRENGTH OF 15 PSI AND SHALL BE IN ACCORDANCE WITH CAN/ULC-S701 "THERMAL INSULATION, POLYSTYRENE, BOARDS AND PIPE COVERING".

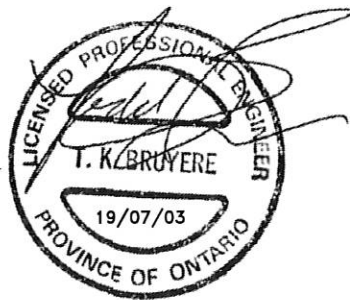
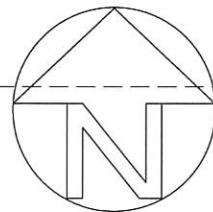
8.1. D1 AND D2 ARE TO BE OVERHEAD DOOR INSULATED SECTIONAL STEEL-BACK DOOR 470 C/W 2-24"x12" DOUBLE GLAZED WINDOWS.

8.2. D5 SHALL BE WAYNE DALTON GARAGE DOORS CLASSIC STEEL DOOR 9100 C/W 2-24"x12" DOUBLE GLAZED WINDOWS.

SHEET TITLE: GENERAL NOTES	DRAIN BY: T.S.	CHECKED BY: TK.B./ D.Z.	DATE: 19/07/03	PROJECT NO. 18-050	SHEET NO. 1
PROJECT TITLE: STORAGE GARAGE FOR RRDSSAB 737 SCOTT ST., FORT FRANCES, ON					
BCIN: 43291					
		SAUL TEAUX CONSULTING & ENGINEERING			
		SITE 206-207 RR#2 FORT FRANCES, ONTARIO P9A 3M3 1-807-274-1114			
		ISSUED FOR TENDER/CONSTRUCTION 19/07/03 DZ			
		MARK DESCRIPTION TRAIL ID BY			
		REVISION RECORD			



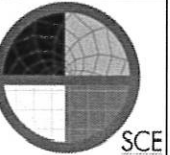
FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"



OUTLINE OF 2" THICK  
RIGID INSULATION (TYP.  
ALL AROUND)

OVERLAP INSULATION  
@ CORNERS (TYP.)

SAUL TEAUX CONSULTING &  
ENGINEERING  
SITE 206-207 RR#2  
FORT FRANCES, ONTARIO  
P9A 3M3  
1-800-274-1114



BCIN: 43291

SHEET TITLE:  
FOUNDATION PLAN  
PROJECT TITLE:  
STORAGE GARAGE FOR RRDSSAB  
131 SCOTT ST., FORT FRANCES, ON

DRAWN BY:  
M.S.  
DATE:  
19/07/03  
CHECKED BY:  
T.K.B.  
D.Z.  
PROJECT NO.  
18-050  
SHEET NO.  
2  
REV. NO.  
-

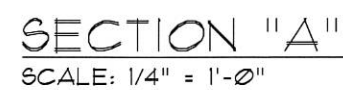
REVISION RECORD			
MARK	DESCRIPTION	DATE	BY
	ISSUED FOR TENDER/CONSTRUCTION	19/07/03	DZ







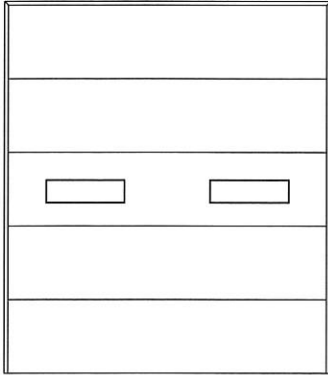
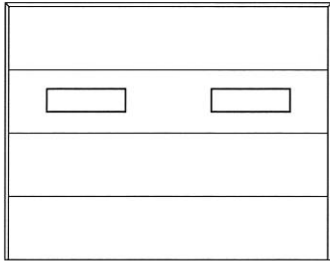
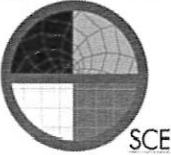


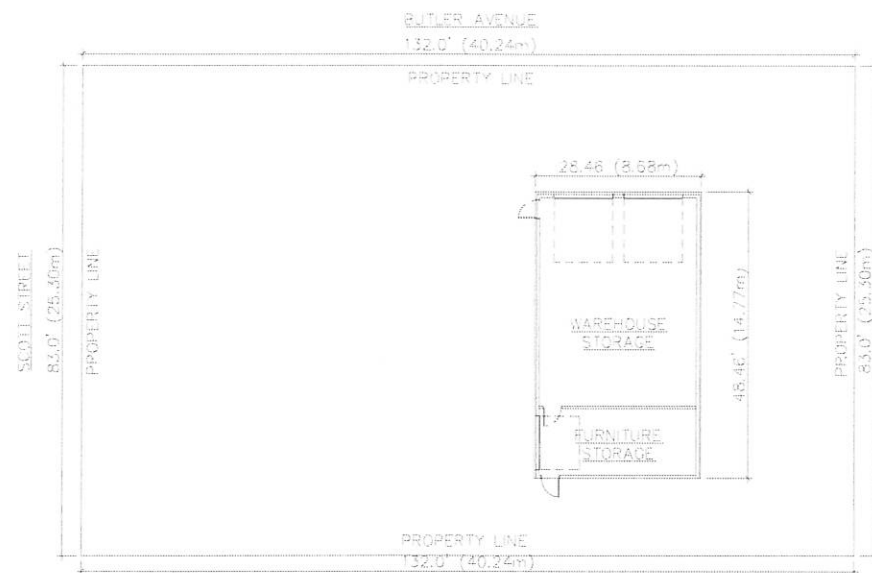




SHEET TITLE: BUILDING SECTION A, FOUNDATION DETAIL  PROJECT TITLE: STORAGE GARAGE FOR RRDSSAB T37 SCOTT ST., FORT FRANCES ON	DRAWN BY: M.S.	DATE: 13/07/03	SAULTEAUX CONSULTING & ENGINEERING  SITE 206-20T RR#2 FORT FRANCES, ONTARIO P9A 3M3 1-800-214-1114	 SCE	BCIN: 43291
	CHECKED BY: TK.B. D.Z.	PROJECT NO: 18-050			
	SHEET NO.	REV. NO.			
	SAULTEAUX CONSULTING & ENGINEERING				
	SITE 206-20T RR#2 FORT FRANCES, ONTARIO P9A 3M3 1-800-214-1114				



DOOR SCHEDULE											1	1
DOOR								FRAME			1	1
DOOR #	SIZE	THICKNESS	TYPE	MATERIAL	FINISH	GLAZING	DOOR HARDWARE	MATERIAL	FINISH	REMARKS	1	1
D1	10'-0"x11'-0" OVERHEAD	2"	B	INSULATED SECTIONAL STEEL	PRE-FINISHED	2-24"x12" SEALED GLASS	3" TRACK, STANDARD LIFT, 25,000 CYCLES, GALV. STEEL HINGES, BALL BEARING ROLLERS, WEATHERSTRIPPING, CHAIN HOIST, SLIDE LOCK W/ INTERLOCK SWITCH FOR OPERATOR	METAL CLAD WOOD	PRE-FINISHED	INSTALL LIFTMASTER MODEL RBHT511 3/4 HP. HEAVY DUTY JACKSHAFT OPERATOR C/W PHOTO EYES, SOLENOID BRAKE, CHAIN HOIST BACKUP AND TWO (2) REMOTES	1	1
D2	10'-0"x11'-0" OVERHEAD	2"	B	INSULATED SECTIONAL STEEL	PRE-FINISHED	2-24"x12" SEALED GLASS	3" TRACK, STANDARD LIFT, 25,000 CYCLES, GALV. STEEL HINGES, BALL BEARING ROLLERS, WEATHERSTRIPPING, CHAIN HOIST, SLIDE LOCK W/ INTERLOCK SWITCH FOR OPERATOR	METAL CLAD WOOD	PRE-FINISHED	INSTALL LIFTMASTER MODEL RBHT511 3/4 HP. HEAVY DUTY JACKSHAFT OPERATOR C/W PHOTO EYES, SOLENOID BRAKE, CHAIN HOIST BACKUP AND TWO (2) REMOTES	1	1
D3	3'-0"x7'-0"	1 3/4"	A	HOLLOW METAL INSULATED	PAINT		LOCKSET, 1 1/2 PR. NRP HINGES, DOOR CLOSER, WEATHERSTRIPPING, DOOR SWEEP, THRESHOLD	PRESSED STEEL FRAME	PAINT		1	1
D4	3'-0"x7'-0"	1 3/4"	A	HOLLOW METAL INSULATED	PAINT		LOCKSET, 1 1/2 PR. NRP HINGES, DOOR CLOSER, WEATHERSTRIPPING, DOOR SWEEP, THRESHOLD	PRESSED STEEL FRAME	PAINT		1	1
D5	9'-0"x7'-0" OVERHEAD	2"	C	INSULATED SECTIONAL STEEL	PRE-FINISHED	2-24"x12" SEALED GLASS	STANDARD GARAGE DOOR HARDWARE	METAL CLAD WOOD	PAINT	LIFTMASTER 8165W OVERHEAD DOOR OPERATOR	1	1
D6	3'-0"x6'-8"	1 3/4"	A	HOLLOW METAL	PAINT		PASSAGE SET, 1 1/2 PR. HINGES	PRESSED STEEL FRAME	PAINT		1	1
<div><div></div><div></div><div></div></div> <div>A</div> <div>B</div> <div>C</div> <div>DOOR TYPES</div>											1	1
SAUL TEAUX CONSULTING & ENGINEERING											SITE 206-207 RR#2 FORT FRANCES, ONTARIO P9A 3M3 1-800-214-7114	
											BCIN: 43291	
SHEET TITLE: DOOR SCHEDULE											PROJECT TITLE: STORAGE GARAGE FOR RRDSSAB T3T SCOTT ST., FORT FRANCES, ON	
DRAWN BY: M.S.											DATE: 19/07/03	
CHECKED BY: T.K.B. D.Z.											PROJECT NO. 18-050	
SHEET NO. 1											REV. NO. 1	
											REVISION RECORD	



**SITE PLAN**  
1/32"=1'-0"

**GENERAL NOTES:**

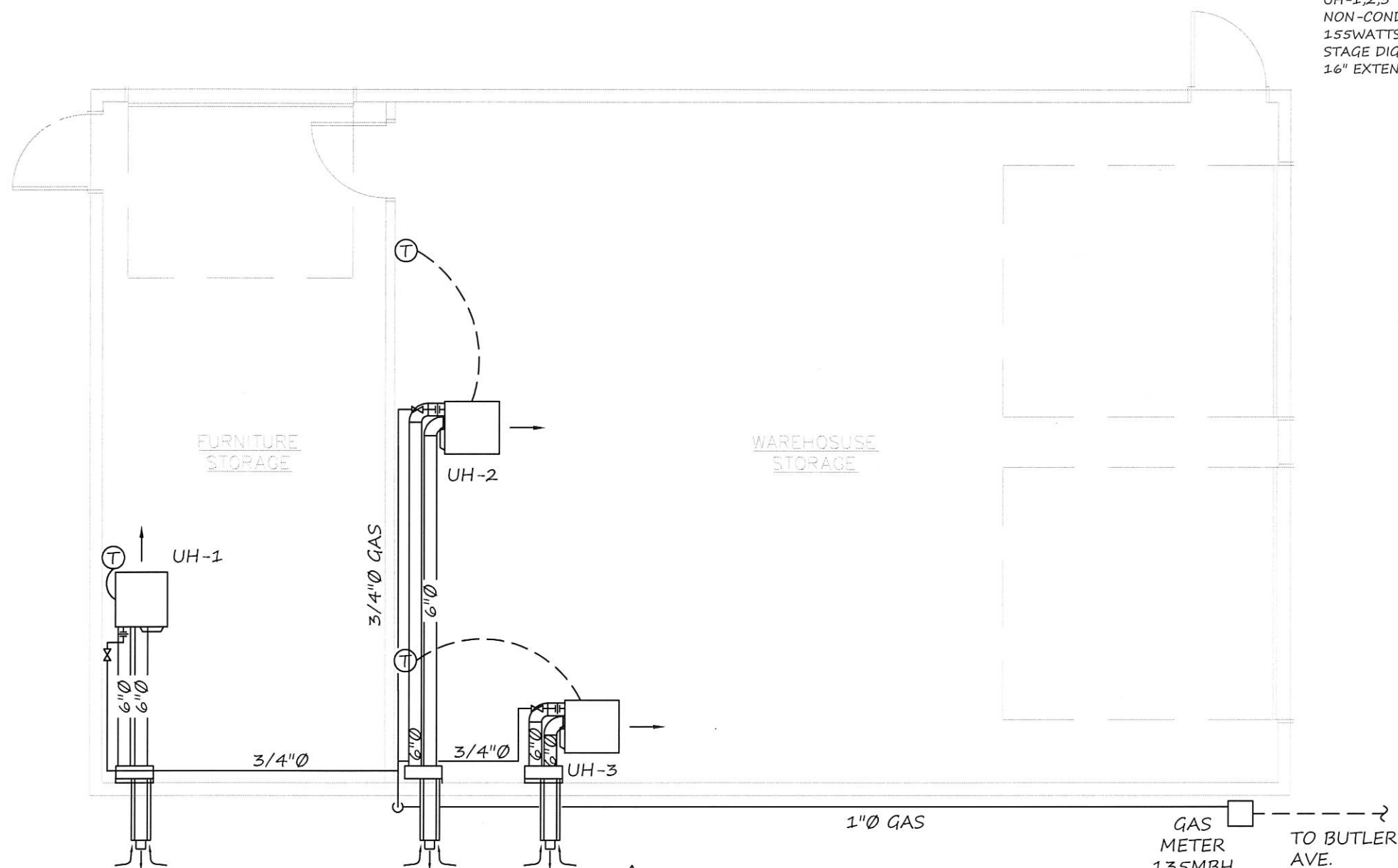
1. ALL MATERIAL SHALL BE NEW AND BE CSA APPROVED OR ULC LISTED.
2. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIALS AND EQUIPMENT ARE INSTALLED IN FULL COMPLIANCE WITH THE CURRENT ONTARIO FIRE CODE AND ONTARIO BUILDING CODE.
3. PROVIDE ALL MATERIAL AND EQUIPMENT AND PERFORM ALL LABOUR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
4. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES AND INSPECTIONS.
5. INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
6. CONTRACTOR IS RESPONSIBLE FOR SEALING ALL PENETRATIONS THROUGH FIRE RATED WALLS AND ASSEMBLIES WITH RATED FIRE STOP RATED EQUAL TO THAT OF THE ADJACENT MATERIALS. ALL FIRE STOP MATERIALS AND INSTALLATION SHALL CONFORM TO UL 1479 AND ASTM E-814-10.
7. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL INSTALLED EQUIPMENT FOR APPROVAL BY ENGINEER PRIOR TO ORDERING ANY EQUIPMENT.
8. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY OR ALL DEFECTS IN WORKMANSHIP WHICH MAY ARISE FOR A PERIOD OF 12 MONTHS FROM SUBSTANTIAL COMPLETION.
9. CONTRACTOR SHALL PROVIDE 3 HARD COPIES (OR DIGITAL PDF FORMAT) OF OPERATION AND MAINTENANCE MANUALS TO THE OWNER PRIOR TO FINAL PAYMENT IS REQUESTED. THE MANUALS WILL BE APPROVED BY THE ENGINEER.

**PIPING NOTES:**

1. MECHANICAL CONTRACTOR TO SUBMIT REQUEST FOR ACTION TO ENBRIDGE (UNION GAS) FOR INCREASED GAS LOAD TO EXISTING METER.
2. SUPPLY & INSTALL NEW GAS PIPING SUPPORTS AT SPACING AS SPECIFIED IN TABLE 6.2 IN CSA B149.1.
3. STEEL GAS PIPE TO ASTM A53/A53M, SCHEDULE 40, SCREWED. COPPER PIPE: TO ASTM B75M.
4. INSTALL PIPING & IDENTIFICATION IN ACCORDANCE TO APPLICABLE PROVINCIAL CODES, CAN/CSA-B149.1, SUPPLEMENTED AS SPECIFIED.
5. SLOPE PIPING DOWN IN DIRECTION TO FLOW TO LOW POINTS.
6. INSTALL DRIP POINTS AT LOW POINTS IN PIPING SYSTEM. PROVIDE COMPLETE WITH BLOWDOWN VALVE I.E. MANUAL SHUT-OFF VALVE AS SPECIFIED ABOVE. MINIMUM 3" IN LENGTH FROM TEE CONNECTION IN RISER TO TOP OF VALVE. MIN. 3/4"Ø. PROVIDE COMPLETE WITH THREADED END CAP.
7. FIELD ENDING OF PIPING TO BE PROHIBITED. NESTING OF BUSHINGS TO BE PROHIBITED. UTILIZE PROPERLY SIZED REDUCING FITTINGS
8. ABOVE GROUND GAS PIPING TO BE PRIMED AND PAINTED YELLOW ALONG ITS ENTIRE LENGTH.

**EQUIPMENT NOTES:**

UH-1,2,3 REZNOR MODEL UDAP NATURAL-GAS FIRED UNIT HEATER. 83% EFF. NON-CONDENSING. TITANIUM-STABILIZED HEAT EXCHANGER, 629CFM, 115V, 155WATTS, 24V CONTROL. 25"Lx26"Wx12"H, 60LBS. C/W 24V TRANSFORMER, SINGLE STAGE DIGITAL WALL THERMOSTAT, SET AT 60F. HORIZONTAL DIRECT-VENT KIT, 6"Ø, 16" EXTENDED FLUE FROM WALL & THIMBLE.



**HEATING & GAS PIPING PLAN**  
3/16"=1'-0"

O		
ISSUED FOR PERMIT & TENDER	06/26/19	
No.	Revision/Issue	MM/DD/YY

	Firm Name
www.ableenergy.ca	
807-627-4259	
info@ableenergy.ca	

Drawing Description
HEATING PLAN & GAS PIPING FOR NEW WAREHOUSE/STORAGE GARAGE

Project Name and Address
STORAGE GARAGE-RAINY RIVER DISTRICT SOCIAL SERVICES ADMINISTRATION BOARD, FORT FRANCES, ON










Project	AE-1946	Sheet
Date	JUNE 26, 2019	M-1
Scale	AS SHOWN	

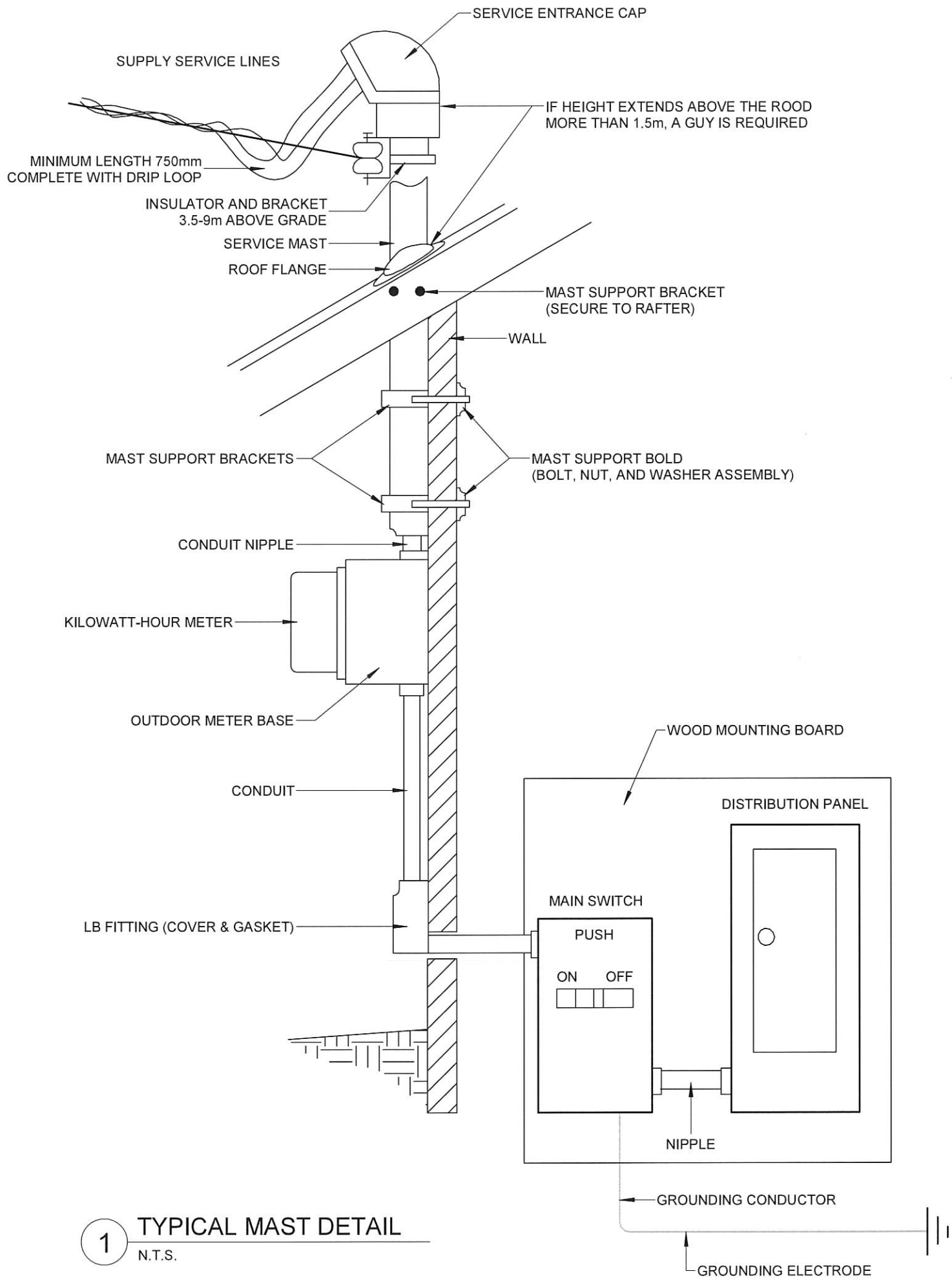




ELECTRICAL SYMBOLS LEGEND

NOTE: STRIKE THROUGH INDICATES MOUNTED AT COUNTER HEIGHT AT 150MM ABOVE COUNTER OR STANDARD COUNTER BACKSPLASH TO CENTERLINE.

- 
- ELECTRICAL PANEL
- 120 VAC, 15A, 1Φ, 2W + GROUND, DUPLEX RECEPTACLE. MOUNTED 450MM AFF TO CENTERLINE. LETTER DENOTES TYPE IF APPLICABLE. GFI = GROUND FAULT INTERRUPTING. H = HOSPITAL GRADE. AFI = ARC FAULT INTERRUPTING. USB = COMES WITH USB CHARGING PORTS X2. F= DEDICATED FOR REFRIGERATOR. MW = DEDICATED FOR MICROWAVE. WP = GROUND FAULT INTERRUPTING IN WEATHERPROOF WHILE IN USE ENCLOSURE. TR = TAMPER RESISTANT
- 
- 120 VAC, 15A, 1Φ, 2W + GROUND, SINGLE RECEPTACLE. MOUNTED IN CEILING
- 
- 120 VAC, 1Φ EQUIPMENT CONNECTION
- 
- 120 VAC, 1Φ EQUIPMENT CONNECTION c/w DISCONNECTION SWITCH
- 
- WALL MOUNTED "RUNNING MAN" STYLE EXIT SIGN WITH INTEGRAL BATTERY PACK AND TWO REMOTE HEADS. DARK QUADRANTS INDICATE LIT UP FACES. ARROWS INDICATE DIRECTIONAL ARROW ON SIGN FACE
- 
- CARBON MONOXIDE ALARM
- 
- WALL MOUNTED - OUTDOOR LUMINAIRE. LETTER DENOTES TYPE. SEE LUMINAIRE SCHEDULE FOR MODEL #
- 
- LED LUMINAIRE. LETTER DENOTES TYPE. SEE LUMINAIRE SCHEDULE FOR MODEL #
- 
- 120V, SINGLE POLE SWITCH



1 TYPICAL MAST DETAIL  
N.T.S.

1. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS STAMPED BY A PROFESSIONAL ENGINEER WITH THE LATEST APPROVED DRAWING SET MARKED "ISSUED FOR CONSTRUCTION".
2. ANY ERRORS OR OMISSIONS SHALL BE REPORTED IN WRITING TO C.D. MARTYN ENGINEERING LTD. PRIOR TO PROCEEDING.
3. DRAWINGS ARE THE PROPERTY OF THE ENGINEER OF RECORD. DO NOT REPRODUCE DRAWINGS WITHOUT PERMISSION OF THE ENGINEER OF RECORD.
4. DRAWINGS ARE NOT TO SCALE. DO NOT SCALE THE DRAWINGS. CONTRACTOR TO CHECK SITE DIMENSIONS PRIOR TO TENDER SUBMISSION AND CONSTRUCTION.

REVISION SCHEDULE		
No.	DESCRIPTION	DATE
0	Issued for Permit & Tender	2019-06-26

STAMP:



 **C.D. Martyn**<sup>TM</sup>  
ENGINEERING LTD

739B Arlington Park Pl,  
Kingston, Ontario K7M 8M8  
O: 613 539-4199  
F: 613 653-9424

PROJECT:  
STORAGE GARAGE FOR RAINY RIVER DISTRICT  
SOCIAL SERVICES ADMINISTRATION BOARD  
737 Scott Street, Fort Frances

PROJECT NO. 19-024

SHEET NAME:  
LEGEND AND MAST DETAIL

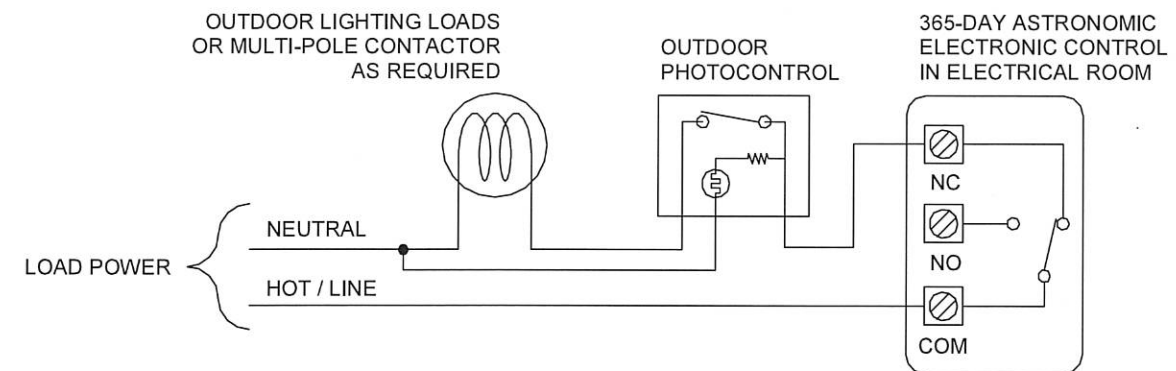
DRAWN BY: MJ CHECKED BY: CDM

REVISION: 0 2019-06-26

SCALE: As indicated

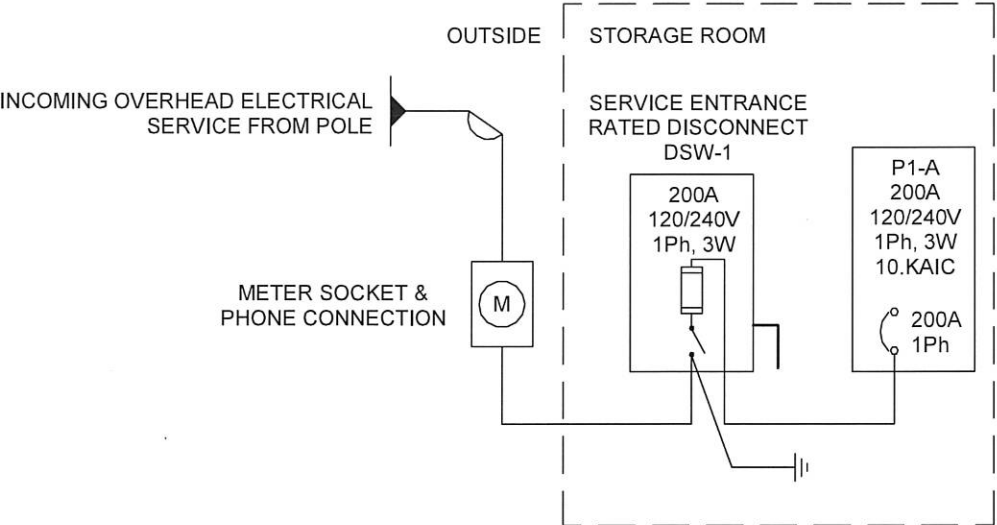
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SEQUENCE OF OPERATION

EXTERIOR LIGHTING CONTROL TO BE AUTOMATICALLY CONTROLLED IN ACCORDANCE WITH THE LATEST APPLICABLE ASHRAE 90.1 FOR EXTERIOR LIGHTING CONTROL COMPLETE WITH **HAND-OFF-AUTO SWITCH**. PHOTO-CONTROL TO TURN LUNINAIRES ON DURING ALL LOW LIGHT CONDITIONS. 365-DAY ASTRONOMIC ELECTRONIC CONTROL TO TURN ALL OUTDOOR LIMINAIRES OFF BETWEEN MIDNIGHT OR BUSINESS CLOSING, WHICHEVER IS LATER, AND BACK ON AT 6AM OR BUSINESS OPENING, WHICHEVER IS EARLIER. THE ABILITY TO BE ADJUSTED FOR NECESSARY SECURITY MEASURES AND AHJ'S ESTABLISHED REQUIREMENTS IS REQUIRED.



1. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS STAMPED BY A PROFESSIONAL ENGINEER WITH THE LATEST APPROVED DRAWING SET MARKED "ISSUED FOR CONSTRUCTION".
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REVISION SCHEDULE		
No.	DESCRIPTION	DATE
0	Issued for Permit & Tender	2019-06-26

Panel: P1-A

Location: Storage

Mounting: Surface

Voltage: 120/240 Single

Phases: 1

Wires: 3

K.A.I.C. Rating: 10

Mains Type: Breaker

Minimum Mains Rating: 200 A

MCB Rating: 200 A

Wire Size	Circuit Description	Type	Trip	Pole	CCT#	A		B		CCT#	Pole	Trip	Type	Circuit Description	Wire Size
	Lighting & Exit Signs		15 A	1	1	66 VA	108 VA			2	1	15 A		Exterior Lighting	
	UH-1 - Furniture Storage		15 A	1	3			155 VA	360 VA	4	1	15 A		Receptacles - Furniture Storage	
	Receptacles - Furniture Storage		15 A	1	5	360 VA	1800 VA			6	1	20 A		Exterior Receptacle	
	Exterior Receptacle		20 A	1	7			1800 VA	1800 VA	8	1	20 A		Exterior Receptacle	
	Receptacles - Furniture Storage		15 A	1	9	360 VA	155 VA			10	1	15 A		UH-2 - Storage	
	UH-3 - Storage		15 A	1	11			155 VA	180 VA	12	1	15 A		Receptacles - Storage	
	Overhead Recept. - Furniture Storage		15 A	1	13	180 VA	0 VA			14	1	15 A		Other	
	OHD-2 - Storage		15 A	1	15			200 VA	360 VA	16	1	15 A		Receptacles - Storage	
	OHD-1 - Storage		15 A	1	17	200 VA				18					
	Receptacles - Storage		15 A	1	19			360 VA	360 VA	20	1	15 A		Receptacles - Storage	
	Receptacles - Storage		15 A	1	21	360 VA				22					
					23					24					
	Receptacles - Storage		15 A	1	25	360 VA				26					
					27					28					
	Receptacles - Storage		15 A	1	29	360 VA				30					
					31					32					
	Receptacles - Furniture Storage		15 A	1	33	360 VA				34					
					35					36					
					37		0 VA			38	1	15 A		Spare	--
--	Spare		15 A	1	39			0 VA	0 VA	40	1	15 A		Spare	--
--	Spare		15 A	1	41	0 VA	0 VA			42	1	15 A		Spare	--

Total Amps: 54 A 48 A

Minimum #12 Copper Wire U.N.O.

New Circuits - BLACK

Existing...

GFI = Ground Fault Protection  
AFI = Arc Fault Protection

STAMP:



**C.D. Martyn**  
ENGINEERING LTD

739B Arlington Park Pl,  
Kingston, Ontario K7M 8M8  
O: 613 539-4199  
F: 613 653-9424

PROJECT:

STORAGE GARAGE FOR RAINY RIVER DISTRICT  
SOCIAL SERVICES ADMINISTRATION BOARD

737 Scott Street, Fort Frances

PROJECT NO. 19-024

SHEET NAME:

SINGLE LINE DIAGRAM & PANEL SCHEDULE

DRAWN BY: MJ CHECKED BY: CDM

REVISION: 0 2019-06-26

SCALE: As indicated

E002

SCOTT STREET

BUTLER AVENUE

EXISTING HYDRO POLE.  
CONFIRM EXACT LOCATION.

NOTE: CONFIRM AND COORDINATE  
OVERHEAD SERVICE CONNECTION WITH  
FORT FRANCES POWER CORPORATION

OVERHEAD SERVICE  
FROM BUTLER AVE.

METER SOCKET TO BE  
LOCATED ON EXTERIOR

PROPOSED BUILDING

1. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS STAMPED BY A PROFESSIONAL ENGINEER WITH THE LATEST APPROVED DRAWING SET MARKED "ISSUED FOR CONSTRUCTION".
2. ANY ERRORS OR OMISSIONS SHALL BE REPORTED IN WRITING TO C.D. MARTYN ENGINEERING LTD. PRIOR TO PROCEEDING.
3. DRAWINGS ARE THE PROPERTY OF THE ENGINEER OF RECORD. DO NOT REPRODUCE DRAWINGS WITHOUT PERMISSION OF THE ENGINEER OF RECORD.
4. DRAWINGS ARE NOT TO SCALE. DO NOT SCALE THE DRAWINGS. CONTRACTOR TO CHECK SITE DIMENSIONS PRIOR TO TENDER SUBMISSION AND CONSTRUCTION.

REVISION SCHEDULE

No.	DESCRIPTION	DATE
0	Issued for Permit & Tender	2019-06-26

STAMP:



**C.D. Martyn**<sup>TM</sup>  
ENGINEERING LTD

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PROJECT:

STORAGE GARAGE FOR RAINY RIVER DISTRICT  
SOCIAL SERVICES ADMINISTRATION BOARD  
737 Scott Street, Fort Frances

PROJECT NO. 19-024

SHEET NAME:  
SITE PLAN

DRAWN BY: MJ CHECKED BY: C.D.M.

REVISION: 0 2019-06-26

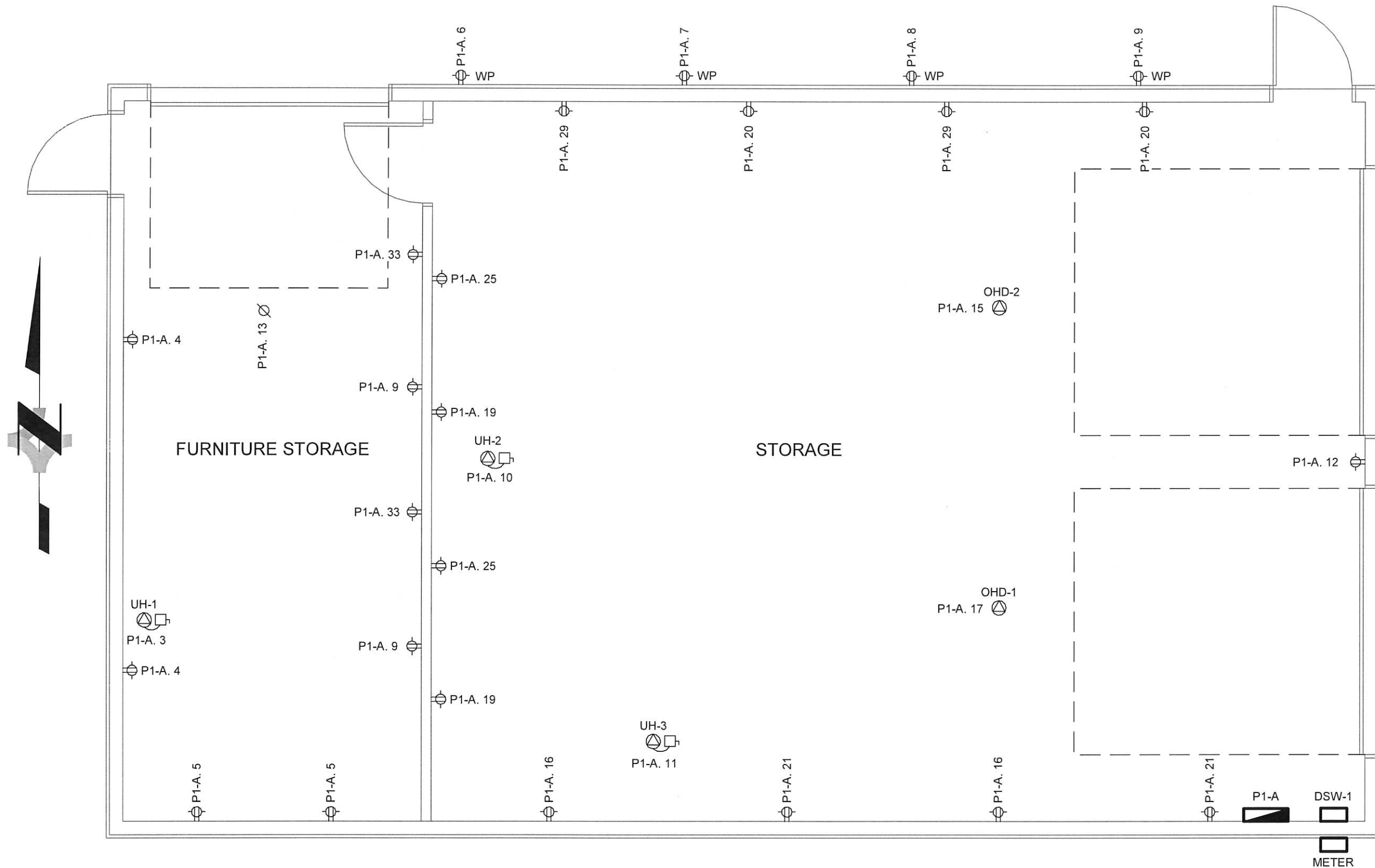
SCALE: 3/32" = 1'-0"

E003

1

ELECTRICAL SITE PLAN

N.T.S.



# 1 GROUND FLOOR POWER AND SYSTEMS PLAN

Scale: 1/4" = 1'-0"

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## REVISION SCHEDULE

No.	DESCRIPTION	DATE
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PROJECT:

STORAGE GARAGE FOR RAINY RIVER DISTRICT  
SOCIAL SERVICES ADMINISTRATION BOARD  
737 Scott Street, Fort Frances

PROJECT NO. 19-024

SHEET NAME:  
GROUND FLOOR POWER & SYSTEMS PLAN

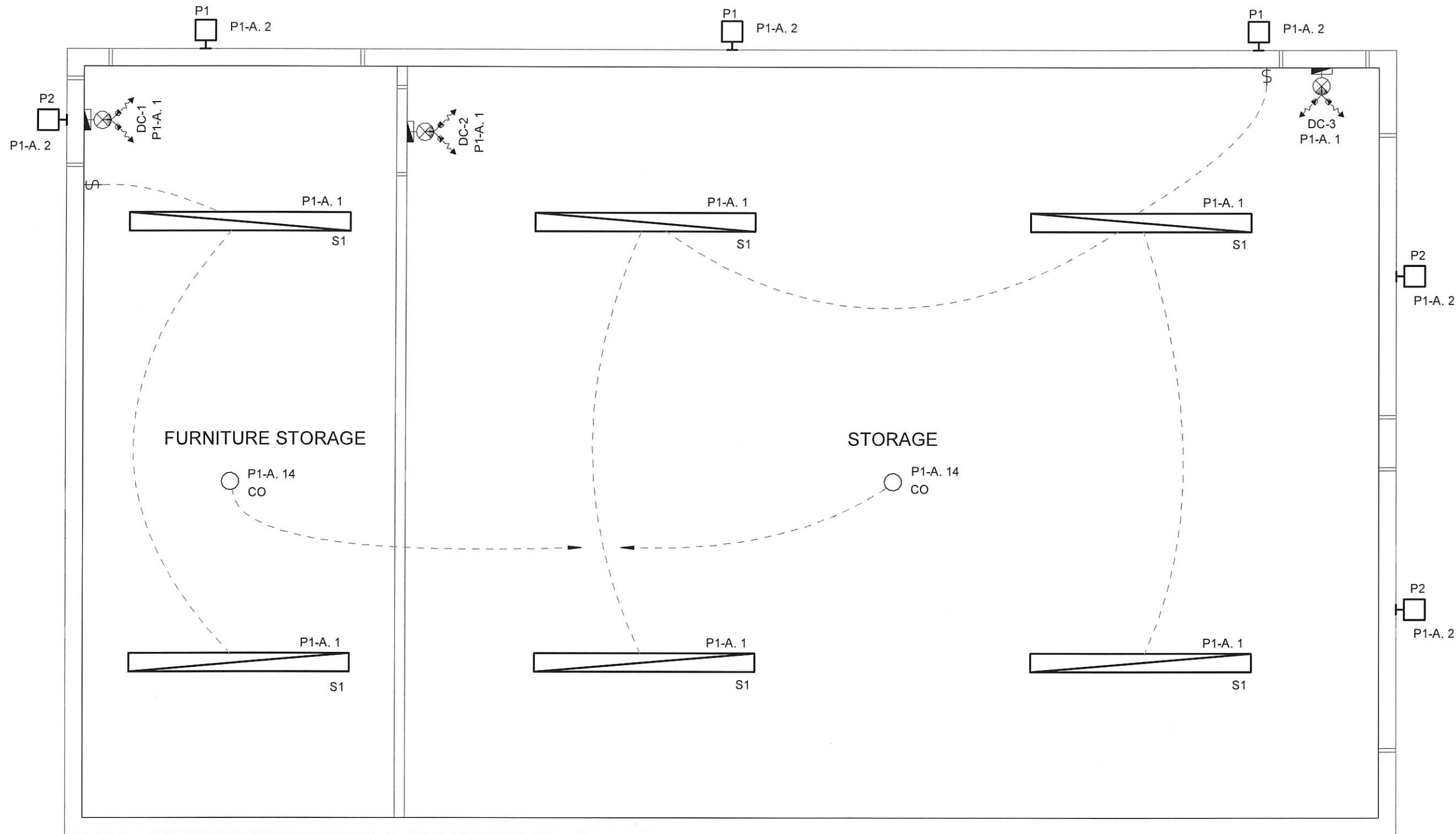
DRAWN BY: MJ CHECKED BY: CDM

REVISION: 0 2019-06-26

SCALE: 1/4" = 1'-0"

E100





1 MAIN FLOOR REFLECTIVE CEILING PLAN  
Scale: 1/4" = 1'-0"

LUMINAIRE SCHEDULE			
TYPE	MANUFACTURER	MODEL	COUNT
P1	COOPER LIGHTING	AXCS4ARL-GRF	3
P2	COOPER LIGHTING	XTOR1BW	3
S1	COOPER LIGHTING	8SLSTP11040DD-UNV	6

EXIT SIGN AND EMERGENCY LIGHT SCHEDULE						
DC CIRCUIT	FIXTURE TYPE	MANUFACTURER	MODEL	COUNT	WATTAGE	TOTAL
DC-1	COMBO BATTERY/ DUAL LIGHT HEAD	EMERGI-LITE	EAC1W1250 2 LJU	1	14.5 W	14.5 W
DC-2	COMBO BATTERY/ DUAL LIGHT HEAD	EMERGI-LITE	EAC1W1250 2 LJU	1	14.5 W	14.5 W
DC-3	COMBO BATTERY/ DUAL LIGHT HEAD	EMERGI-LITE	EAC1W1250 2 LJU	1	14.5 W	14.5 W

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SHEET NAME:  
GROUND FLOOR REFLECTIVE CEILING PLAN

DRAWN BY: MJ CHECKED BY: CDM

REVISION: 0 2019-06-26  
SCALE: 1/4" = 1'-0"

E201