O507 INDUSTRIES LTD.
PROPOSED NEW FACILTY
8 EASY STREET
PORT PERRY, ONTARIO

Electrical Drawing Set

## DRAWING INDEX

DWG No.	DRAWING TITLE
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E3	ELECTRICAL LAYOUT — SECOND FLOOR
E4	LIGHTING LAYOUT
E5	ELECTRICAL SITE PLAN

0507 INDUSTRIES LTD. Electrical Drawing Set

PROJECT #: 21016

DRAWING SET: R5 - ISSUED FOR PERMIT



### ELECTRICAL GENERAL NOTES

- ALL WIRING AND CONDUCTOR SIZING TO BE ACCORDING TO THE ELECTRICAL SAFETY CODE FOR ONTARIO.
- ELECTRICAL CONTRACTOR TO CONFORM TO GENERAL SPECIFICATIONS, ARCHITECTURAL DRAWINGS, AND THE ONTARIO ELECTRICAL
- ELECTRICAL CONTRACTOR TO VERIFY SITE REQUIREMENTS AND EXISTING CONDITIONS. REQURIES NEW SERVICE, TRANSFORMER, AND UNDERGROUND SERVICE TO BUILDING. SEE SITE PLAN FOR PROPOSED LOCATION OF TRANFORMER.
- ELECTRICAL CONTRACTOR TO VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT ON SITE. VERIFY FUSE TYPES, SIZES AND
- WALL RECEPTACLES TO BE MOUNTED AT MINIMUM HEIGHT OF 400mm TO CENTRE UNLESS OTHERWISE LISTED. RECEPTACLES MAY BE SHOWN WITH HEIGHT LISTED IN INCHES ABOVE FLOOR.
- ALL BUILDING CONTROLS AND SWITCHES SHALL BE INSTALLED BETWEEN 900mm AND 1100mm FROM FLOOR FOR BARRIER FREE REQUIREMENTS. THERMOSTATS AND PULL STATIONS TO BE MOUNTED AT MAXIMUM HEIGHT OF 1200mm TO CENTRE
- ALL WIRING WITHIN GROW ROOMS AND WASH BAY TO BE CONSEALED WITHIN PVC CONUIT AND FULLY SEALED. ALL CONNECTION AND BOXES TO BE RATED NEME 4X, IP66/67, OR EQUAL FOR WET LOCATION. REQUIRED AREAS ARE IDENTIFIED ON DRAWING.
- ELECTRICAL CONNECTIONS FOR MECHANICAL EQUIPMENT REQUIRE SUPPLY OF DISCONNECT SWITCH W/ FUSES AS SPECIFIED BY THE MANUFACTURER, TO BE WEATHER-PROOF WHERE REQUIRED. INCLUDE DISCONNECTS FOR EQUIPMENT AS LISTED IN
- CEILING CAVITY IN OFFICE AREA IS A RETURN AIR PLENUM. ALL MATERIALS MUST BE NON- COMBUSTIBLE AND SUITABLY RATED FOR FSI OF 25 & SDI 50. ALL DATA CABLES ETC. REQUIRE AN FT6 RATING.
- O DATA AND COMMUNICATION REQUIRED TO BE COORDINATED AND INSTALLED BY SUITABLE CONTRACTOR. VERIFY SERVICE REQUIREMENTS AND MAIN FEED POINTS FROM UTILITY AND POSSIBLE TIE-IN WITH EXISTING BUILDING.
- 1 ACCESS CONTROL SYSTEM AND 'SD' READERS SHOWN FOR DOORS ARE NOT PART OF THIS CONTRACT. SHOWN FOR REFERENCE AND DISCUSSION. ELECTRICAL CONTRACTOR MAY BE REQUESTED TO CONNECT HARDARE FOR DOORS THAT REQUIRE CARD ACCESS OR SECURITY CONTROL. SEE "SD" IN EQUIPEMENT SCHEDULE.
- 12 SEPTIC SYSTEM BY OTHERS. ELECTRICIAN REQUIRED TO SUPPLY CONDUCTORS AND ELECTRICAL FEED TO MAIN SEPTIC CONTROL PANEL. CONFIRM PANEL LOCATION AND LOAD REQUIREMENTS WITH SEPTIC CONTRACTOR.
- 13 ELECTRICAL CONTRACTOR TO PROVIDE TYPE WRITTEN DIRECTORY CARDS FOR EACH PANEL.
- 14 ESA INSPECTION CERTIFICATES REQUIRED FOLLOWING COMPLETION OF ALL ELECTRICAL WORK.

	EQUIP	MENT	SCHE	EDULE	- -				
ITEM SYM)	DESCRIPTION SUPPLIED E-ELEC M-MECH O-OWN	TRICIAN HANICAL	VOLT	PH	WATT	НР	MCA (AMP)	MOCP (AMP)	REMARKS
RTU1	ROOFTOP HVAC UNIT 4-TON W/ CONVENIENCE OUTLET	М	575	3		1	8	15	1
RTU2	ROOFTOP HVAC UNIT 3-TON	М	575	3		1	7	15	1
RTU3	ROOFTOP HVAC UNIT 4-TON	М	575	3		1	18	15	1
RTUX	ROOFTOP HVAC UNIT 7.5-TON	М	575	3		1	18	20	1
AHA	AIR HANDLER	М	208	1			5	15	1
AHB	AIR HANDLER	М	208	1			5	15	1
AH2- AH3	AIR HANDLER	М	208	1			3.1	15	1
AH4- AH5	AIR HANDLER	М	208	1			3.1	15	1
AC	AC CONDENSER HEAT PUMP	М	208	3			71A		1
HP1	WALL MOUNTED AC	М	208	1	94		0.45A		2
HP2	WALL MOUNTED AC	М	208	1	94		0.45A		2
DEH	DEHUMIDIFIER - DUCTED	M	120	1			5.2A		1
HRV1	HEAT RECOVERY VENTILATOR	M	208	1		2X 1/2	9.2		1
HRV2	HEAT RECOVERY VENTILATOR	M	120	1			5.5A		
UV	ODER CONTROL AT HRV2 EXIT	М	120	1	54W				1
UV2	UV DISINFECTANT & ODER CONTROL FOR RTU UNITS	М	120	1	108W				1
EF1	BATHROOM FAN	М	120	1	70				
EF2	ROOF EXHAUST FAN	М	120	1		1/2	5A		1, 4
СО	GAS DETECTOR UNIT W/ VISUAL/AUDIBLE WARNING DEVICES	М	120	1	200				
DO	POWER DOOR OPERATER DITEC AUTO SWING HA-8	0	115	1			3.0		
SD	SECURITY DOOR, CARD LOCK ACCESS W/ ELECTRIC LATCH OR MAG-LOCK	0	TBD	1					3
OD	OVERHEAD DOOR OPENER LIFTMASTER J-50-1-L5	0	115	1		1/2	9.8		
LIFT	SCISSOR LIFT	0	208	1		1-1/2	10		3
IP1	IRRIGATION PUMP	0	208	1			5		
GWP	GREY WATER PUMP	0	208	1			5		
WP	SUBMERSSIBLE WELL PUMP	0	230	1			7.6		5
GL	GROW LIGHT ROUGH—IN	0	347	1			_		6
H1	HOIST SYSTEM ROUGH-IN	0	120	1			_		6
F1	CEILING FAN CIRCUIT ROUGH-IN 1	0	120	1			_		6
F2	CEILING FAN CIRCUIT ROUGH-IN 2	0	120	1			_		6

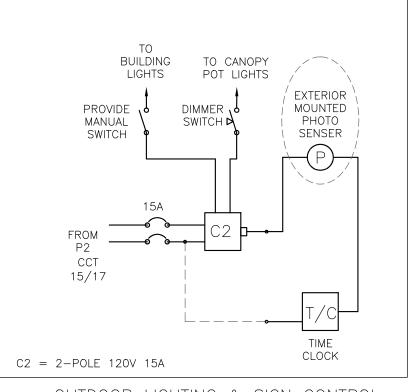
### REMARKS: 1 PROVIDE DISCONNED SWITCH AND CONNECT. POWERED BY EXTERIOR CONDENSOR UNIT, CONFIRM WIRING ON SITE. SHOWN FOR DISCUSSION ONLY. MAY REQUIRE WIRING OF POWER SUPPLY IF ADDED AT LATER DATE. 4 INTERLOCK WITH POWER DAMPER IN SAME ROOM, OR AS SHOWN. 5 NOT SHOWN. SEE SITE PLAN FOR LOCATION OF WELL. 6 PROVIDE JUNCTION BOX AT CEILING AND WIRING. ROUGH-IN ONLY.

	LUMINAIRE SCHEDULE											
ITEM	DESCRIPTION	VOLT	WATT	BULB	MOUNTING	CATALOGUE OR DESCRIPTION						
А	2×2 FLAT PANEL	347V	30W	LED	RECESSED	TUROLIGHT RGD-BLP2 4000K MULTI						
В	1'X4' UTILITY STRIP	347V	40W	LED	SURFACE	TUROLIGHT DL-WA5 4' 4000K DIMMABLE						
С	4' UTILITY STRIP	347V	40W	LED	SUSPENDED	TUROLIGHT DL-WA5 4' 4000K DIMMABLE						
D	2' UTILITY STRIP	347V	20W	LED	SUSPENDED	TUROLIGHT DL-EC2 2' 4000K						
Е	LED GROW LIGHT	240V	780W	LED	SUSPENDED	FIXTURE BY OWNER. INSTALL AND CONNECT AS REQUIRED.						
F	LED STRIP GROW LIGHT	347V	336W	LED	SUSPENDED	HortiLED TOP 2.0, DAYLIGHT SPEC.						
G	LED GROW LIGHT 3	240V	800W	LED	SUSPENDED	FIXTURE BY OWNER. INSTALL AND CONNECT AS REQUIRED. (GAVITA PRO RS 2400e)						
Н	EXTERIOR BUILDING LIGHT 2	120V	24W	LED	SURFACE	TUROLIGHT SSL-WP2T 4000K W/ PHOTOCELL						
I	EXTERIOR BUILDING LIGHT 2	120V	40W	LED	SURFACE	TUROLIGHT SSL-WP3T FULL CUTOFF 4000K W/ PHOTOCELL						
J	4" POT LIGHT	347V	12W	LED	RECESSED	TUROLIGHT EDA-SP WET LOCATION RATED 4000K						
EXIT	COMBINATION EXIT W/ DIRECTION	120V	6.6W	LED	SURFACE	AIMLITE CSRP-2L COMBINATION 6V 36W BATT.						
EM1	EMERG. HEADS W/ 12V BATT.	120V	36W <sup>1</sup>	LED	SURFACE	AIMLITE EBST-2L BATTERY PACK W/ TWO PAR18 2W LED HEADS						
EM2	EXTRA HEADS (MATCH ABOVE)	12V	3W	LED	SURFACE	PAR18 2W, CONNECT TO EM1						

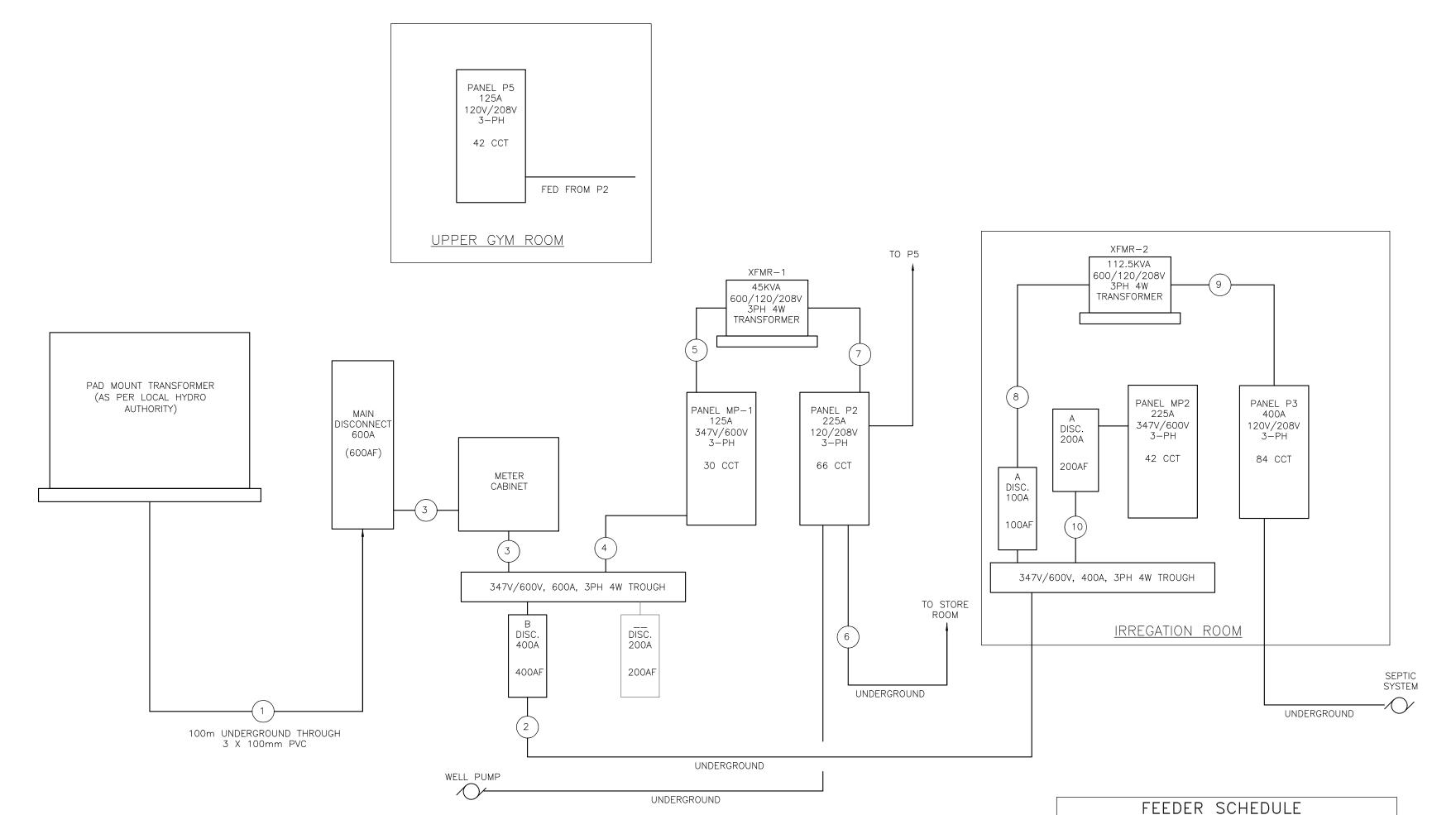
NOTE: ALL FIXTURES AND SWITCHING TO BE DETERMINED AND/OR APPROVED BY OWNER 1. 36W BATTERY SIZE SUITABLE FOR 24 X 3W HEADS FOR 30 MINUTE RUN TIME.

. EXTERIOR LIGHT CIRCUIT TO BE THROUGH SEPARATE PHOTOSENSOR AND MANUAL SWITCHES. 3. OWNER SUPPLIED. REQUIRES 8—FOOT POWER CONNECTOR. WIRE INTO JUNCTION BOX ON HOIST. CONTROL CIRCUIT IS SEPARATE WIRING WITH RJ45 WIRING

BETWEEN ALL DEVICES (LIGHT FIXTURES, DIMMER, AND MAIN CONTROL).



OUTDOOR LIGHTING & SIGN CONTROL



DETAIL 1 — SINGLE LINE DIAGRAM

LOAD SUMMARY	
CONNECTED LOAD HVAC (100%): LIGHTING (100%): OTHER (80%) TOTAL:	145.5 KW 80.0 KW 30.0 KW 255.5 KW
TOTAL AREA: WATTS PER sq-m REQUIRED LOAD:	1,116 sq-m 25 27.9 KW
TOTAL BUILDING LOAD:	283.4 KW
FUTURE LOAD:	208.0 KW
TOTAL BUILDING LOAD:	491.4 KW

(1) 3 RUNS OF 4#500MCM-THWN ALUMINUM IN 100mm PVC SEE DRAWING E1.2 FOR PANEL DIRECTORIES (2) 2 RUNS OF 4#250MCM-THHN ALUMINUM IN 63mm PVC

- (3) 3 RUNS OF 4#250MCM-THHN ALUMINUM IN 63mm EMT
- (5) 4#8 RW90 in 1-1/2" EMT

(4) 4#2 RW90 in 1-1/2" EMT

- (6) EMPTY 1" PVC CONDUIT FUTURE USE
- (7) 4#1/0 RW90 IN 2" EMT
- (8) 4#2 RW90 IN 2" EMT
- (9) 2 RUNS OF 4#2/0 RW90 IN 2" EMT
- (10) 2 RUNS 4#2 RW90 IN 1-1/2" EMT

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## LEGEND

- \$0S OCCUPANCY SENSOR SWITCH
- OCCUPANCY SENSOR CEILING MOUNTED 1 = CONTROLLED FIXTURE IDENTIFICATION
- \$0 MOTION SENSOR DELAY OFF LEVITON ODS15—1DW 30minute DELAY
- \$ SINGLE POLE SWITCH a = SWITCH ID
- \$3 THREE WAY SWITCH
- T TIMER W/ 60/30/20/10 MINUTE SETTINGS P1-1a P1 = PANEL NUMBER 1
  - 1 = CIRCUIT NUMBER 1a = SWITCH ID

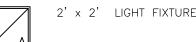
## DUPLEX RECEPTACLE

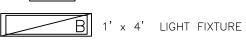
- GFI = W/GROUND FAULT CIRCUIT INTERUPTER 72 = MOUNTING HEIGHT
- WP = WATER PROOF ENCLOSURE + GFI FL = MOUNTED IN FLOOR BOX

## SPLIT RECEPTACLE

- (P)= POWER FOR SPECIAL EQUIPMENT (AS NOTED)
- DUPLEX (ABOVE BACKSPLASH)
- 575/3PH OUTLET
- QUAD RECEPTACLE
- SPECIAL PURPOSE OUTLET (NOTED)
- XX JUNCTION BOX/ROUGH-IN FOR POWER xx = SEE EQUIPMENT SCHEDULE
- SINGLE DATA OUTLET
- DOUBLE DATA OUTLET
- VOICE OUTLET
- COMBINATION VOICE/DATA
- CEILING FAN, SEE MECHANICAL DRAWINGS
- MOTOR OR MECHANICAL EQUIPMENT, TYPE AS NOTED
- | | | ELECTRICAL TRANSFORMER
- ELECTRICAL PANEL OR BOX
- EMERGENCY LIGHTING (DOUBLE HEAD), EM2
- RUNNING MAN SIGN (DIRECTION NOTED) 'EXIT'
- POT LIGHT FIXTURE AS NOTED





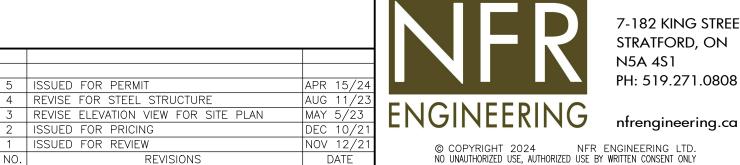


BUILDING WALL LIGHT

ALARM SIREN & BEACON ACTIVATION BUTTON

AUTOMATIC DOOR OPERATOR W/ BUTTONS

SECURITY DOOR - CARD SWIPE ACCESS





## 0507 INDUSTIRES LTD. PROPOSED NEW FACILITY

8 EASY STREET PORT PERRY, ONTARIO

DRAWING TITLE:
ELECTRICAL NOTES AN
SCHEDULES

SCALE:	PROJECT NO.: 21016
DRAWN: NC	DRAWING:
CHECKED: NC	

PANEL NAME:	MP1	30 CIRCUIT PA	NELBOARD
MOUNTING: PANEL LOCATION: MAINS: BREAKER:	SURFACE SHIPPING ROOM 125A 347V/600V 3PH 4W 100A 347V/600V 3PH 4W		
DESCRIPTION	VA 15A CCT	CCT 15A	VA DESCRIPTION
	1	2 15A	1,400 LIGHTING UPPER LEVEL
RTU1	8,300 3	4 15A	1,700 LIGHTING MAIN LEVEL OFFICE
	15A 5	6	2,700 LIGHTING SHIPPING & REAR CORRIDORS
	7	8	
RTU2	7,300 9	10	
	11	12	
	13	14	
	15	16	
	50A 17	18	
	19	20	
TRANSFORMER XFMR-1	45,000 21	22	
	23 25	24 26	
	27	28	
	29	30	
			TOTAL CONNECTED LOAD: 64.7 KVA 6

PANEL NAME: P2  MOUNTING: SI  PANEL LOCATION: SI  MAINS: 22	/208V 3	66 CIRCUIT PANELBOARD  DBV 3PH 4W											
DESCRIPTION	VA	15A	ССТ	] ,	1	ı	CCT	] 15A	VA	DESCRIPTION			
EMERGENCY LIGHTING	480	15A	1	-	-		2	15A	800	OFFICE RECEPTACLES			
WATER HEATER & RECIRC PUMP	600	15A	3		<del></del>		4	15A	800	OFFICE RECEPTACLES			
SOFTENER & UV TREATMENT	850	15A	5			<del>-</del>	- 6	15A	800	OFFICE RECEPTACLES			
MECHANICAL ROOM RECEPTACLES	300	15A	7	-	<b>—</b>		- 8	<u> </u>	800	OFFICE RECEPTACLES			
			9		<del></del>		10	<del> </del>	800	OFFICE RECEPTACLES			
WELL PUMP	1800		11			<del>-</del>	12	1					
EXTERIOR RECEPTACLES	400	15A	13	-	<b>—</b>		14	20A	1100	POWER DOOR OPERATORS			
		15A	15				16	20A	120	BF WASHROOM RECEPTACLE			
EXTERIOR LIGHTING (THROUGH CONTACTOR) (INCLUDING ANY SIGNS OR SITE LIGHTS)	450		17				18	20A	1100	RAPID DOOR			
(INCLUDING ANT SIGNS ON SITE EIGHTS)			19				20						
			21				22						
		15A 	23				24	<u> </u>					
AIR HANDLER AH3 & AH4	1,700		25	-			26						
		15A	27				28						
		15A	29				30	70A					
AC LAN ROOM HP1	100		31				32		18 600	DANIEL DE LIDDED CYM			
			33				34		10,000	PANEL P5 UPPER GYM			
ANN FLOOD DECERTACLES	400	15A	35	-			36	-					
MAIN FLOOR RECEPTACLES	480	15A	37				38	-					
MAIN FLOOR RECEPTACLES	480	15A			,								
MAIN FLOOR RECEPTACLES	480	15A	39				40						
MAIN FLOOR RECEPTACLES	480		41				42						
			43				44						
			45				46						
		15A	47			<del>-</del>	48						
STORE ROOM LIGHT AND RECEPTACLES	300	20A	49	-			50						
SCISSOR LIFT	1,600	$ \frown$	51		$ \phi$		52	15A					
	1,000		53			<del></del>	54	15A	400	LAN ROOM			
			55	-	-		56	15A	400	LAN ROOM			
			57		<del>-</del>	+	- 58	15A	400	LAN ROOM			
			59			<del>-</del>	60	15A	400	SECURITY SYSTEM			
			61	<del>                                     </del>	-	-	62	15A	800	ACCESS CONTROL SYSTEM			
			63		<del></del>		64		7.000	WELL DIMP			
			65	}		<del></del>	66	}	3,900	WELL PUMP			
								_ 		•			

	MOUNTING: PANEL LOCATION: MAINS:	SURFACE IRREGATIC 250A 347			-W					NELBOAF	
DES	SCRIPTION	VA	] 15A	CCT	] ,	ı		CCT	20A	VA	DESCRIPTION
				1	1			2	20A 20A	4,800	LIGHTING PROPAGATION
RTUX-1		6,940	<u>-</u>	- 3		<del>-</del>		4	20A 20A	6,000	LIGHTING GENETICS
			15A	- 5		-	<b>-</b>	- 6	30A	6,000	LIGHTING GENETICS
			<del> </del>	7	7			- 8	25A	8,000	LIGHTING FLOWER 1
RTUX-2		6,940		9		<del>-</del>		10	30A	6,400	LIGHTING FLOWER 1
				11		+-	<b>-</b>	12	25A	8,000	LIGHTING FLOWER 2
			$\vdash \uparrow$	13	] <del></del>			14	30A	6,400	LIGHTING FLOWER 2
RTU3		18,700		15		<del>-</del>		16	25A	8,000	LIGHTING FLOWER 3
				17			<b>-</b>	18	30A	6,400	LIGHTING FLOWER 3
				19	_			20	25A	8,000	LIGHTING FLOWER 4
RTUX—a		18,700		21		<del>-</del>		22	<u> -</u> \_	6,400	LIGHTING FLOWER 4
		20A	23		-	<del> </del>	24	<u> </u>			
				25				26	<u> -</u> \-		
RTUX-b		18,700		27		<del>-</del>		28	<u> </u>		
			20A	29		-	<del> </del>	30			
				- 31				32	<u> </u>	_	
RTUX-c		18,700		33		<del>-</del>		34			
			20A	35		-	<del> </del>	36			
				37	_			38	<u> </u>		
RTUX-d		18,700		39		$\rightarrow$		40	<u> </u>	-	
				41		+	<del> </del>	42			
				43	_			44	<u> </u>	_	
				45		<del>-</del>		46			
				47			<b>-</b>	48			
				49				- 50		1	
				51		+		- 52	<u> </u>	1	
				53			<b>—</b>	54			
							$\vdash$				TOTAL CONNECTED LOAD: 177.3 KVA 1

PANEL NAME:	PANEL P5						42 CIF	RCUIT PA	NELBOA	RD	
MOUNTING: PANEL LOCATION: MAINS:	RECESSED UPPER GYN 125A 120/	M 208V 3	3PH 4W								
DESCRIPTION	VA	15A	ССТ		ı	I	CCT	20A	VA	DESCRIPTION	
OFFICE RECEPTACLES	250		1	-			2	15A	1200	KITCHEN 20-AMP RECEPTACLE	
OFFICE RECEPTACLES	250		3		<del>-</del>		4	15A	850	REFRIGERATOR	
OFFICE RECEPTACLES	250		5			<b>-</b>	- 6	15A	1200	MICROWAVE	
OFFICE RECEPTACLES	250		7	-			- 8	<del></del>	1200	KITCHEN COLIT	
GYM RECEPTACLES	250		9		<del>-</del>		10	15A	1200	KITCHEN SPLIT	
TV RECEPTACLE	500		11			<b>-</b>	12		1200	KITCHEN COLIT	
CHANGEROOM RECEPTACLES	250		13	<del></del>			14	<b>-</b> ^-	1200	KITCHEN SPLIT	
			15		<del>-</del>		16	40A	200	RANGE HOOD (PROVIDE RECEPTACLE)	
			17			<b>-</b>	18		6000	STOVE	
			19	<del></del>			20	15A	6000	3104	
	-		21		<del>-</del>		22	15A	960	WASHROOM FAN & RECEPTACLES	
			23			<b>-</b>	24		500	EXTERIOR RECEPTACLES (ROOF)	
			25	<b>-</b>			26				
			27		<del>-</del>		28	<del> -</del>			
			29			<b>-</b>	- 30	15A			
			31	<del></del>			- 32	<del>-</del>			
			33		<del>-</del>		- 34	$\vdash \uparrow \vdash$	3,300	HRV1	
			35			<b>-</b>	- 36	<b>-</b> ^-	-		
			37	<del></del>			- 38				
			39		<del>-</del>		40				
			41			<b>-</b>	42	<u>}-</u> \_			
						<u>L</u>		- ¬	_		
		_		_			_			TOTAL CONNECTED LOAD: 18.6 KVA	

5 ISSUED FOR PERMIT APR 1
4 REVISE FOR STEEL STRUCTURE AUG 1
3 REVISE ELEVATION VIEW FOR SITE PLAN MAY 5
2 ISSUED FOR PRICING DEC 1
1 ISSUED FOR REVIEW NOV 1

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MOUNTING: PANEL LOCATION:	01105405								
MAINS:	SURFACE IRREGATION 400A 120,								
DESCRIPTION	VA	15A	CCT	1	1 1	CCT	30A	VA	DESCRIPTION
UTOMATION PANEL	240		1	<del></del>		2	<del>-</del>		
RIGATION EQUIPMENT	720		3	_	<del>-</del>	4		5,600	SEPTIC SYSTEM
02 GAS DETECTION SYSTEMS	1400		5	_	+	6	20A		
			7	<del>-</del>		- 8	15A	1,900	GENETICS HOISTS
RIGATION PUMP (THROUGH CONTACTOR)	1100		9	_	$\rightarrow$	10	15A	1,200	GENETICS FANS F1
			11		+++	12	15A 15A	800	GENETICS FANS F2
OILERS	400		13	<del></del>		14		800	GENETICS EXHAUST FAN EF2 & DAMPER
YDRONIC PUMPS	1,600	15A	15		<del>-</del>	16	20A	1,900	PROPAGATION HOISTS
RIGATION ROOM RECEPTACLES	1400	15A	17			18	15A	1,200	PROPAGATION FANS F1
ALL RECEPTACLES	480	15A	19			20	15A	800	PROPAGATION FANS F2
RV2	650	15A	21			22	15A	800	PROPAGATION EXHAUST FAN EF2 & DAM
RIM ROOM RECEPTACLES 1	700	15A	23			24	20A		FLOWER 1 HOISTS
RIM ROOM RECEPTACLES 1	700	15A	25			26	15A		FLOWER 1 FANS F1
ACKAGING ROOM RECEPTACLES 1	600	15A	27			28	15A		FLOWER 1 FANS F2
ACKAGING ROOM RECEPTACLES 1	600	15A	29			30	15A		FLOWER 1 EXHAUST FAN EF2 & DAMPE
ACKAGING ROOM RECEPTACLES T	600	15A	31			32	20A		
		15A				34	15A		FLOWER 2 HOISTS
URE & DRY ROOM RECEPTACLES	800	15A	33				15A		FLOWER 2 FANS F1
RY ROOM 1 & 2 HP2	200		35	-		36	15A 20A		FLOWER 2 FANS F2 FLOWER 2 EXHAUST FAN EF2 & DAMPE
PARE			39		+	40	15A		FLOWER 3 HOISTS
		15A	41			42	15A		FLOWER 3 FANS F1
RY ROOM 1 DEHUMIDIFIER	620		43			44	15A	800	FLOWER 3 FANS F2
RY ROOM 1 DEHUMIDIFIER	620	15A	45			46	20A	800	FLOWER 3 EXHAUST FAN EF2 & DAMPE
IR HANDLER AHA & AH5	2,400		47		1 🕈	48	15A	1,900	FLOWER 4 HOISTS
	,		49	$\overline{}$		50	15A	1,200	FLOWER 4 FANS F1
IR HANDLER AHB & AH2	1,700	$ \bigcirc$	51		+	52	15A	800	FLOWER 4 FANS F2
	1,700		53		+++	54		800	FLOWER 4 EXHAUST FAN EF2 & DAMPE
		$ \frown$	55	$\overline{}$		56			
		90A	57	_	$\rightarrow$	58			
			59		++	60	15A		
C (EXTERIOR COMPRESSOR)	25,600		61	<del></del>		62	15A	240	FLOWER ROOM 1 RECEPTACLES
			63	-	<del></del>	64	15A	240	FLOWER ROOM 1 RECEPTACLES
ECEPTACLES GENETICS RESEARCH	600		- 65 -	+	+	66	15A		
ECEPTACLES GENETICS RESEARCH	600	20A	67	<del>-</del>	+	68	15A	240	FLOWER ROOM 2 RECEPTACLES
ECEPTACLES GENETICS	600	20A 20A	69	+	<del></del>	70	15A 15A	240	FLOWER ROOM 2 RECEPTACLES
ECEPTACLES GENETICS	600	20A 20A	71	+	+	72	15A		
ECEPTACLES PROPOGATION	600		73	<del></del>	+	74		240	FLOWER ROOM 3 RECEPTACLES
ECEPTACLES PROPAGATION	600	20A	75		$\rightarrow$	76	15A	240	FLOWER ROOM 3 RECEPTACLES
ECEPTACLES PROPAGATION	600	20A	77	$\perp$		78	15A		
V SYSTEMS	600	15A	79			80	15A	240	FLOWER ROOM 4 RECEPTACLES
(OUTDOOR USE)	-		81			82	15A		FLOWER ROOM 4 RECEPTACLES
UTDOOR SPLIT (HEAT TRACE CCT)	4,000		83			84	15A		
(				[			_		TOTAL CONNECTED LOAD: 87.65 KVA 24

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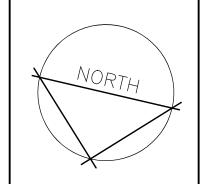
N.F.R. CURRY

100192021 7-182 KING STREET STRATFORD, ON N5A 4S1 PH: 519.271.0808

# 0507 INDUSTIRES LTD. PROPOSED NEW FACILITY SCALE:

8 EASY STREET PORT PERRY, ONTARIO ELECTRICAL PANELS

21016 NC E1.2 CHECKED: NC



0507 INDUSTIRES LTD.

PROPOSED NEW FACILITY

8 EASY STREET

PORT PERRY, ONTARIO

7-182 KING STREET

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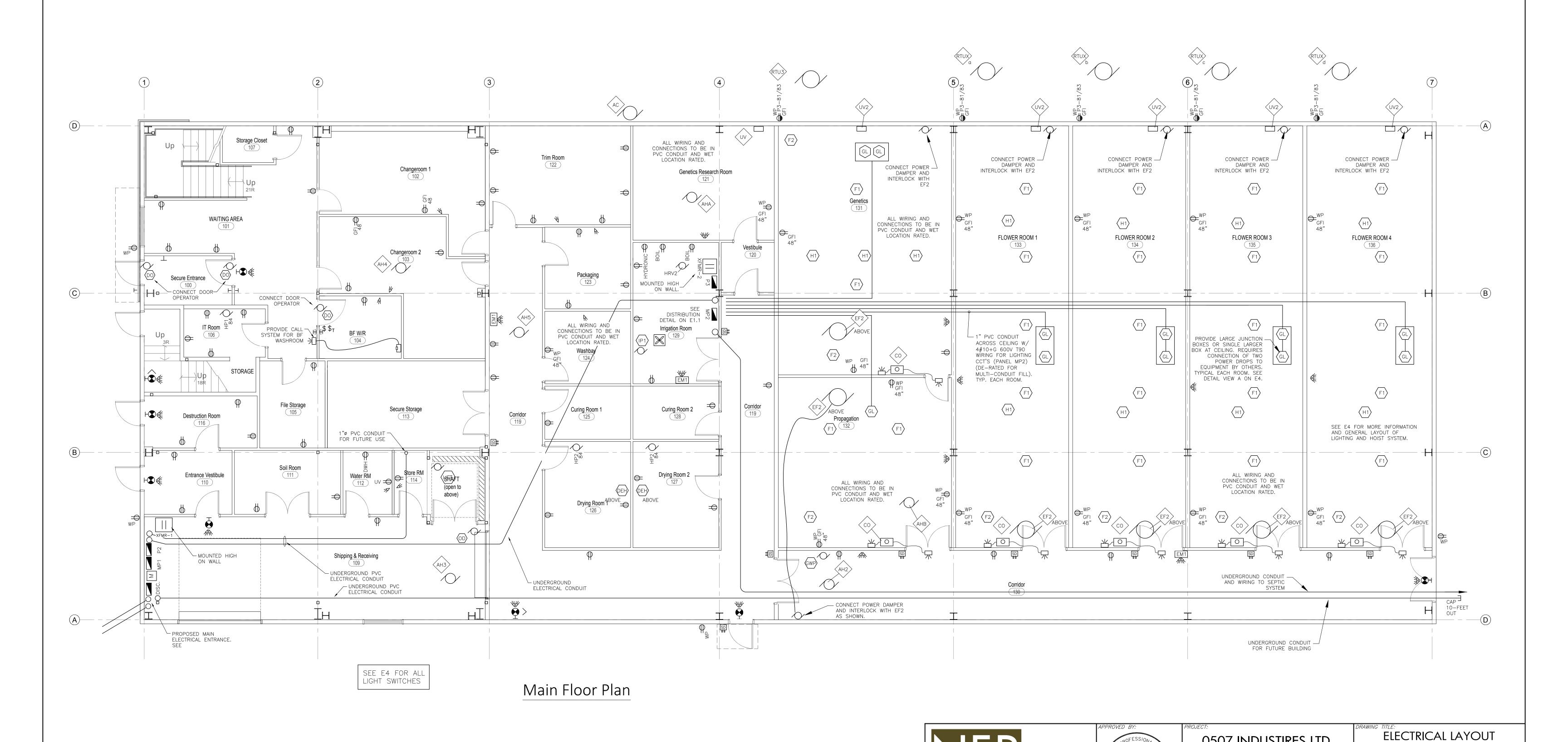
MAIN FLOOR

21016

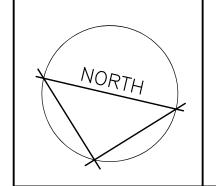
3/16" = 1'-0"

NC

NC



5 ISSUED FOR PERMIT
4 REVISE FOR STEEL STRUCTURE
3 REVISE ELEVATION VIEW FOR SITE PLAN
2 ISSUED FOR PRICING
1 ISSUED FOR REVIEW



### NOTE

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ELECTRICAL LAYOUT

SECOND FLOOR

21016

E3

3/16" = 1'-0"

NC

NC

0507 INDUSTIRES LTD.

PROPOSED NEW FACILITY

8 EASY STREET

PORT PERRY, ONTARIO

7-182 KING STREET STRATFORD, ON

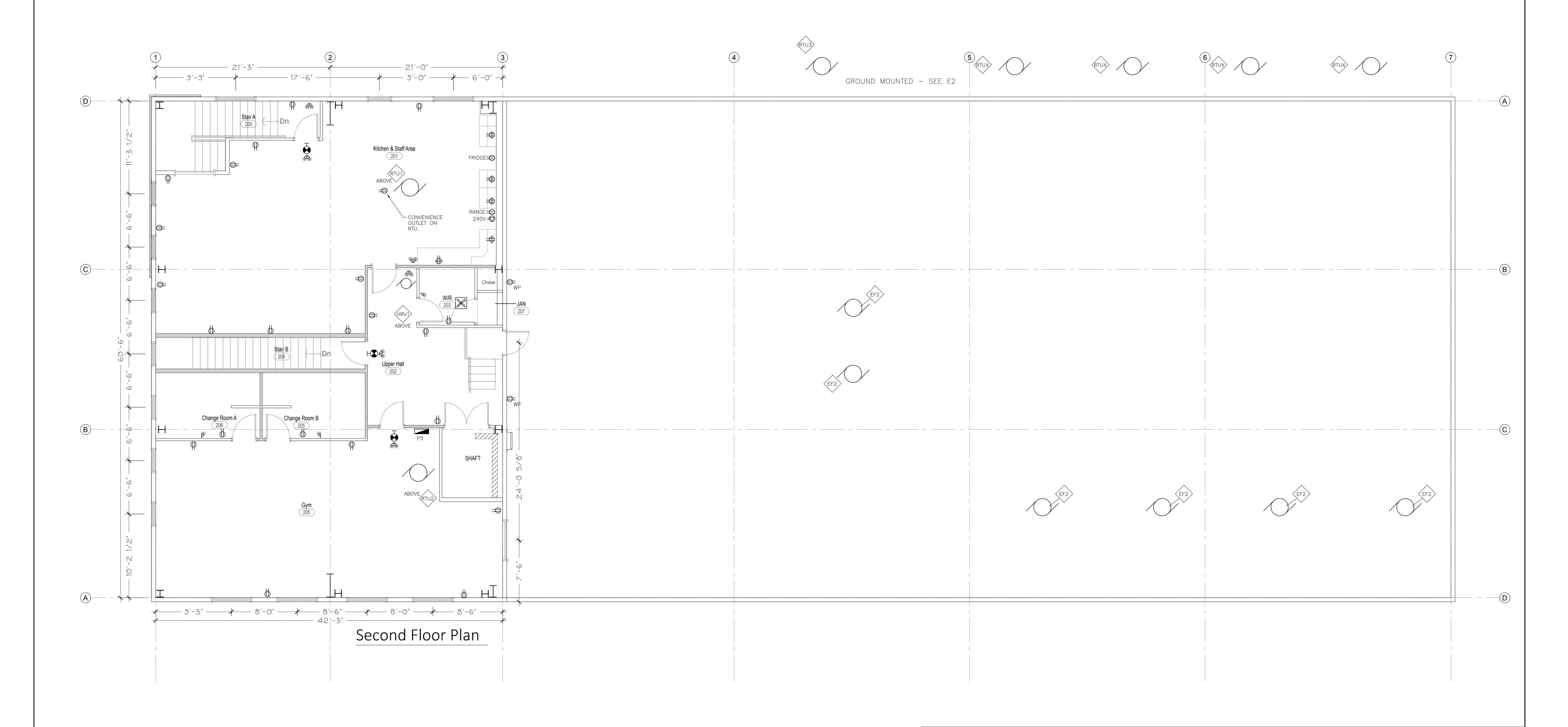
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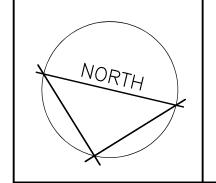
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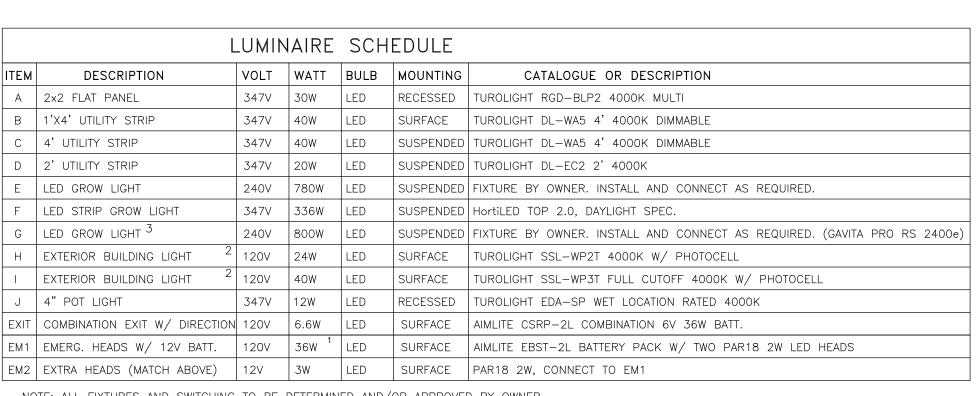
100192021



5 ISSUED FOR PERMIT
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NOTE: ALL FIXTURES AND SWITCHING TO BE DETERMINED AND/OR APPROVED BY OWNER 1. 36W BATTERY SIZE SUITABLE FOR 24 X 3W HEADS FOR 30 MINUTE RUN TIME.

2. EXTERIOR LIGHT CIRCUIT TO BE THROUGH SEPARATE PHOTOSENSOR AND MANUAL SWITCHES. 3. OWNER SUPPLIED. REQUIRES 8-FOOT POWER CONNECTOR. WIRE INTO JUNCTION BOX ON HOIST. CONTROL CIRCUIT IS SEPARATE WIRING WITH RJ45 WIRING BETWEEN ALL DEVICES (LIGHT FIXTURES, DIMMER, AND MAIN CONTROL).

\$3 — OUTLINE OF PROPOSED HOIST SYSTEMS FOR LIGHTS (BY OTHERS). SEE SECTION VIEW AT RIGHT SHOWING ALL EQUPMENT 129 OS C (open to above) FLOWER ROOM 4 C (3) (3) В В (3) (3)

©— - —

CABINET ----UPPER UNIT

UPPER UNIT

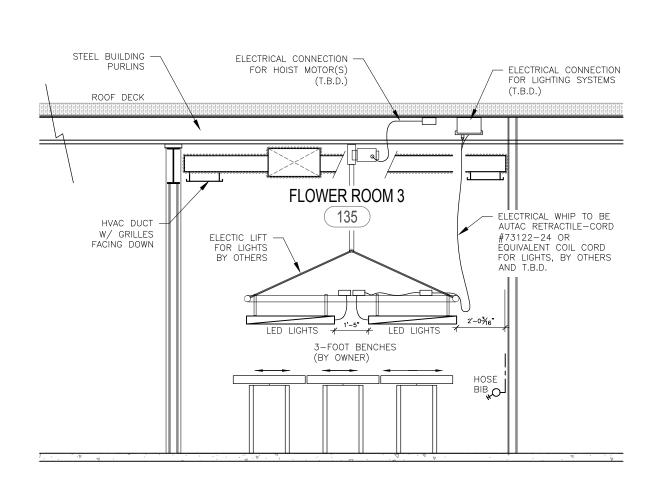
UPPER UNIT

Roof Area

Second Floor Plan

Main Floor Plan

Kitchen & Staff Area



DETAIL VIEW A - SECTION THROUGH GROW ROOM

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STRATFORD, ON

0507 INDUSTIRES LTD. PROPOSED NEW FACILITY

8 EASY STREET

LIGHTING LAYOUT

1/8" = 1'-0" 21016 NC PORT PERRY, ONTARIO NC

