PHASING REQUIREMENTS

- 1. REFER TO ARCHITTECTURAL DRAWING A1.02 FOR PROJECT PHASING.
- 2. INCLUDE FOR THE FOLLOWING ELECTRICAL WORK:

 PHASE 1

 TEMPORARY RELOCATION OF SECURITY AND SCREENING EQUIPMENT.

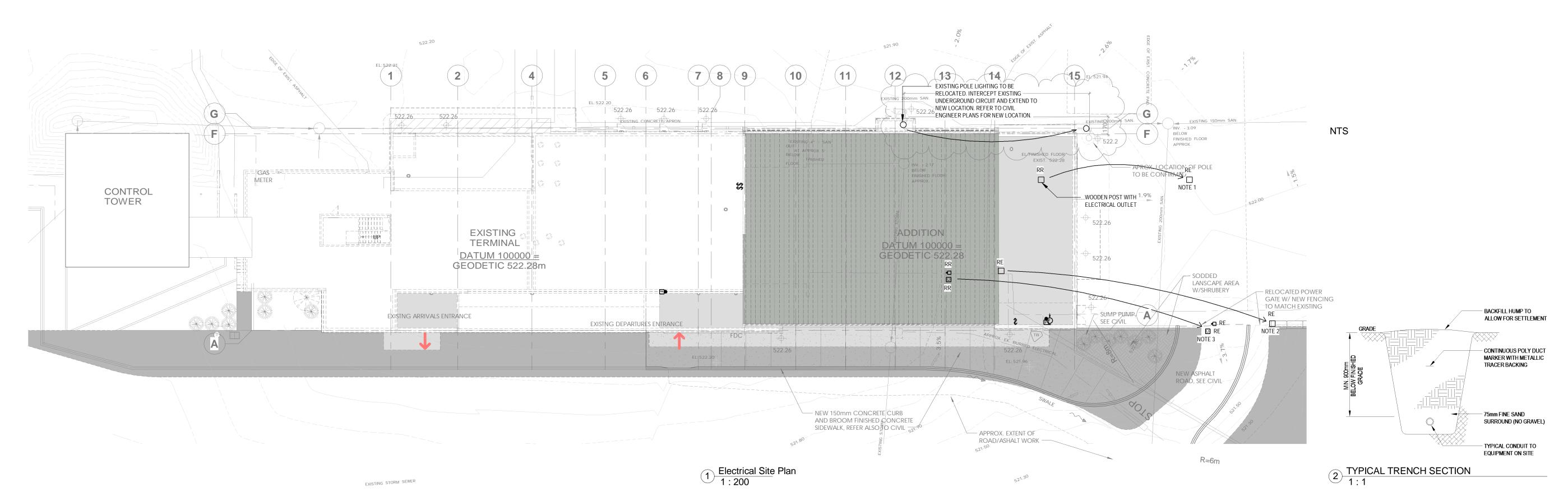
 TEMPROARY RELOCATION OF EXISTING CCTV CAMERA.

 RELOCATE EXISTING SERVICES IN WALLS TO ACCOMMODATE NEW TEMPORARY DOORS.

PHASE 2
- POWER TO NEW TEMORARY AUTO DOORS AT TEMPORARY ARRIVALS.
- RELOCATION OF POWER AND COMMUNICATIONS TO TEMPORARY CHECK-IN COUNTER.
- RELOCATION OF EXISTING SERVICES INSIDE EXISTING WALLS TO ACCOMMODATE NEW DOORS AND WALL REMOVALS.
- TEMPORARY LIGHTING IN TEMPORARY ARRIVALS VESTIBULE.

3. COORDINATE ALL PHASING WORK WITH GENERAL CONTRACTOR. REVIEW ALL EXISTING ELECTRICAL SYSTEMS ON SITE PRIOR TO BIDDING AND INCLUDE FOR RELOCATION OF SYSTEMS. NO EXTRAS WILL BE ENTERTAINED.

	ABBREVIATIONS		
NOTE	EQUIPMENT SHOWN DOTTED IS EXISTING AND TO REMAIN UNLESS INDICATED OTHERWISE		POWER
EMR	DENOTES EMERGENCY GENERATOR CONNECTION	φ	SINGLE RECEPTACLE
R	EXISTING DEVICE TO BE REMOVED	ф	DUPLEX RECEPTACLE
RR	EXISTING DEVICE TO BE REMOVED AND RELOCATED	Ф	ABOVE COUNTER DUPLEX RECEPTACLE
RE	EXISTING DEVICE IN NEW RELOCATED POSITION	♦	5-20R DUPLEX RECEPTACLE (T-SLOT)
RP	EXISTING DEVICE TO BE REPLACED WITH NEW	ф	DUPLEX RECEPTACLE WITH TWO USB CHARGING PORTS
WP	WEATHER PROOF	₩	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE
OHD	OVER HEAD DOOR	₩	ABOVE COUNTER GFCI DUPLEX RECEPTACLE
	LIGHTING	©	FLOOR MOUNTED DUPLEX RECEPTACLE
	SURFACE MOUNTED LUMINAIRE	₩	FLOOR MOUNTED FOUR PLEX RECEPTACLE
	CEILING RECESSED LUMINAIRE	9	MECHANICAL MOTOR CONNECTION
• •	CEILING SUSPENDED LINEAR LUMINAIRE	·	DISCONNECT SWITCH
¤	SURFACE MOUNTED LUMINAIRE	0	JUNCTION BOX
0	RECESSED DOWN LIGHT	•	MECHANICAL EQUIPMENT DIRECT CONNECTION
—	LIGHTING TRACK	_	PANEL BOARD
Ø	LIGHTING TRACK HEAD	M	MOTORIZED DAMPER MOTOR
+	OCCUPANCY SENSOR, CEILING MOUNTED	M	METER
<u>Ф</u>	OCCUPANCY SENSOR, WALL MOUNTED		TIMER
EX	EXIT SIGN - ARROWS INDICATE DIRECTION	O O	THERMOSTAT
—	STRIP LIGHT	•	PUSH BUTTON
\$ ##	SINGLE POLE TOGGLE SWITCH, GANGED AS SHOWN	HD	HAND DRYER
\$ 3	THREE WAY TOGGLE SWITCH		FIRE ALARM
	COMMUNICATIONS	●	THERMAL DETECTOR
▼	COMBINATION TELEPHONE AND DATA OUTLET, WALL MOUNTED	▣	FIRE ALARM PULL STATION
V	COMBINATION TELEPHONE AND DATA OUTLET MILLWORK	6	FIRE ALARM BELL
∇	MICROPHONE OUTLET-WALL	þ	FIRE ALARM STROBE
☑	MICROPHONE OUTLEFT- IN MILLWORK	EWA	END OF LINE RESISTER
▼	FLOOR MOUNTED TELEPHONE OUTLET	FAP	FIRE ALARM PANEL
₩	FLOOR MOUNTED CATV OUTLET	FAA	FIRE ALARM REMOTE ANNUNCIATOR
(🔘)	FLIGHT INFORMATION MESSAGE BOARD	FLO	SPRINKLER FLOW SWITCH
©	PUBLIC ADDRESS SPEAKER - RECESSED	[2 3]	SPRINKLER VALVE SUPERVISORY
© _s	PUBLIC ADDRESS SPEAKER - SURFACE MOUNTED		SECURITY
V	PA SYSTEM ZONE VOLUME BUTTON	C	CARD READER
		©	DOME STYLE CCTV
		Õ	WALL MOUNTED CCTV
		Ёртг	PAN-TILT ZOOM CCTV
		•	WIRELESS ACCESS POINT C/W 2 DATA OUTLETS.
		ò	SECURITY SYSTEM ELECTRIC STRIKE
		•	INTRUSION MOTION DETECTOR, WALL MOUNTED



NOTES:

REMOVE AND RELOCATE EXISTING WOODEN POST AND RECEPTACLE. INTERCEPT AND EXTEND EXISTING CIRCUIT CONDUIT AND PROVIDE NEW BRANCH CIRCUIT WIRING. RECONNECT TO EXISTING BRANCH BREAKER.
REMOVE AND RELOCATE EXISTING GATE ELECTRIC OPERATOR SYSTEM AND REINSTALL AT NEW GATE LOCATION. INTERCEPT EXISTING UNDERGROUND CONDUIT AND EXTEND TO NEW LOCATION. PROVIDE NEW CIRCUIT WIRING AND CONNECT TO EXISTING BRANCH CIRCUIT BRAKER.
REMOVE AND RELOCATE EXISTING ELECTRONIC ACCESS HARDWARE FROM EXISTING TO NEW GATE LOCATION. INTERCEPT EXISTING UNDERGROUND CONDUIT AND EXTEND TO NEW LOCATION. REWIRE AND RECONNECT TO EXISTING SYSTEM.

REVISION No. DATE DESCRIPTION 1. 2016-DEC-13: ISSUED FOR COSTING 2. 2016-DEC-21: ISSUED FOR DESIGN DEVELOPMENT 3. 2017-JAN-30: ISSUED FOR 30% ISSUED FOR 60% 4. 2017-FEB-10: 5. 2017-FEB-23: ISSUED FOR 60% COORDINATION 6. 2017-MAR-10: ISSUED FOR 90% 7. 2017-MAR-17: ISSUED FOR 90%

8. 2017-APR-11:

10. 2017-AUG-9:

9. 2017-MAY-5:

The contractor shall verify and accept responsibility for all dimensions. Do NO scale the drawing. ALL errors or omissions shall be reported without delay to Moore Wilson Architects Inc.

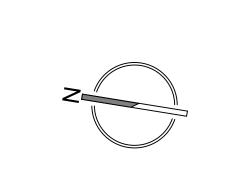
CONSULTANT

AES Engineering Ltd.
300 - 1815 Blanshard St. Victoria, BC V8T 5A4 info@aesengr.com
250.381.6121
www.aesengr.com

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SEAL

SMITHERS REGIONAL AIRPORT Terminal Upgrade & Expansion



DRAWN BY Author
CHECKED Checker

SCALE As indicated FILE NAME

P. 250-384-2131
E. info@studio531.ca
W. studio531.ca

DATE Issue Date

☐ ISSUED FOR CONSTRUCTION☐ ISSUED FOR TENDER

☐ ISSUED FOR BUILDING PERMIT

DRAWING TITLE

Electrical Site Plan

PROJECT

1-16-175 E1.00

REVISION No.

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\$\Q #	DESCRIPTION	EQUIPMENT LOCATION		LOAD VOLTS	PHASE	SUPPLY	MOUNT	CONNECT	SUPPLY	MOUNT	CONNECT	TYPE	SUPPLY		CONNECT	SUPPLY		CONNECT	TYPE FIRE	PANEL #	DANIEI		REAKER CCT- NO'S	E SIZE		- @		NOTE
AHU-1	AIR HANDLING UNIT	EXISTING MECH. ROOM	<u>-</u>	- 3 600	3	M	M	E	M	M	E	VFD	E			-			DDC	6MA		15 8	-	≱ 12		27	-	4
AHU-3	ROOF MOUNTED AIR HANDLING UNIT	ROOF - DEPATURES	-	- 5 600	3	М	М	E	М	М	Е		E	Е	ΕN	И	М	М	DDC -	6MA	MECH ROOM	3	19,21,2	3 #10	4	27	-	
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FF-3	HW FORCE FLOW HEATER	-	1	120	1	M	M	E	M	M	E	HOA	E		_	VI			DDC	С		15 1	-			21	-	-
FF-4	HW FORCE FLOW HEATER	-	1	120	1	M	M	E	M	M	E	HOA	E		_				DDC	С		15 1	-	#12		21	-	-
FF-5	HW FORCE FLOW HEATER	-	1 1	120	1	M	M	E	M	M M	E E	HOA	E			И			DDC -	С		15 1 15 1	-	#12		21	-	-
UH-1	HYDRONIC UNIT HEATER	-	ı	120		IVI	IVI	E	IVI	IVI	E	HUA	E	E	E IN	VI	IVI	IVI	DDC -	F	BAGGAGE MARKUP	15 1	-	#12	2	21	-	-
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WSHP-2	MULTI-STACK WATER SOURCE HEAT PUMP	MECH ROOM	36	- 690	3	-	M	E	M	M	E	VFD	E		_	-			DDC -	6MA		50 3			\rightarrow	27	-	
P-B-1	BOILER HEATING CIRC	MECH ROOM	-	- 1/3 120	1)M	M	E	M	M	E	VFD	E			v. VI			DDC /	2MA		15 1	20		Y	21) _	
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P-HW-3	HEATING WATER CIRC	MECH ROOM	-	- 5 600	3	М	М	Е	М	М	Е	VFD	Е	Е	E N	VI	М	М	DDC -	6MA	MECH ROOM	15 3	37,39,4	1 #12	3	21	-	-
P-HW-4	HEATING WATER CIRC	MECH ROOM	-	- 5 600	3	М	М	Е	М	М	Е	VFD	E	Е	ΕN	И	М	М	DDC -	6MA	MECH ROOM	15 3	43,45,4	7 #12	3	21	-	-
P-CW-1	AHU/HRV CHILLED WATER RECIRC	MECH ROOM	-	- 5 600	3	М	М	Е	М	М	Е	VFD	E	Е	EΛ	VI	М	М	DDC -	6MA	MECH ROOM	15 3	2,4,6	#12	3	21	-	-
P-CW-2	AHU/HRV CHILLED WATER CIRC	MECH ROOM	-	- 5 600	3	М	М	Е	М	М	Е	VFD	Е	Е	EΛ	VI	М	М	DDC -	6MA	MECH ROOM	15 3	8,10,1	#12	<i>3</i>	21	-	-
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P-GEO-1	GEO-EXCHANGE CIRC	MECH ROOM	-	- 7.5 600	3	IVI	М	E	М	М	E	VFD	E		_	-			DDC -	6MA		15 3	-/	\longrightarrow	\rightarrow	21	-	-
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DHWT-1	ELECTRIC DHW TANK	JAN CLOSET	-	5 208	1	M	M	E					E	E		И			INT -	2MA		30 2	12,14		2	21	-	-
DHWT-2	ELECTRIC DHW TANK	MECH ROOM	-	5 - 208	1	M	M	E		$\overline{}$			E	<u> </u>	\leftarrow	M N	\rightarrow		INT -	2MA	\longrightarrow	30 2	16,18	\leftarrow	2	21	-	
DHWT-3 S-P-1	ELECTRIC DHW TAMK MECH ROOM SUMP PUMP	EXIST MECH ROOM MECH ROOM	<u> </u>	5 - 208 - 0.4 120	1	W	M	E	_	Y			E		E N	-	M `	<u> </u>	YNT - \	2MA		30 2 F5 1	/ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	#10 #10		21	γ- `	-
S-P-2	MECH ROOM SUMP PUMP	MECH ROOM		- 0.4 120	1	M	M	E					E			_			INT -	2MA		15 1	29	#10		21		
VAV 1.1 - 1.6	VARIABLE AIR VOLUME BOX	MAIN FLOOR		- fr 120	1	M	M	E					E		E N			M		C		15 1	52	#12		21		5
1.0								1	7					$\overline{}$	\forall			-							1	7		
HRV-1	HEAT RECOVERY VENTILATOR	EXIST MECH ROOM	-	10.5 600	3	М	М	Е	М	М	Е	<u> </u>	Е	E	EΛ	И	М	М	INT -	6MA	MECH ROOM	20 3	49,51,5	3 #12	2	21	2 -	-
EF-1	EXHAUST FAN	BAGGAGE MARKUP	-	0.25 120	1	М	М	E	М	М	Ε		E	E	EΛ	И	М	М	INT -	F	BAGGAGE MARKUP	15 1	12	#12	2	21) -	-
EF-2	EXHAUST FAN V	BAGGAGEMARKUP	<u>_</u>	- 1 120	1	М	М	E	М	М	Е		E	E	E N	И	М	М	INT -	F	BAGGAGE MARKUP	30 1	14	#10	2	21	} -	-
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DE 1	DRYNKING WAJER FOUNTAIN	OUTSIDE NEW WASHROOM	$\overline{}$	- 120		M	M		\rightarrow					_		\Rightarrow		\rightarrow		F	BAGGAGE MAKE UP	1	7	#12	2	21/		3
DF-1 DF-2	DRINKING WAYER FOUNTAIN DRINKING WATER FOUNTAIN	OUTSIDE NEW WASHROOM OUTSIDE NEW WASHROOM		- 120 y	1	M	M	E		Υ		<u> </u>	E	E Y	E		<u> </u>	•	Υ- -	C	Y	15 1 15 1	25 73	-P	X	21	-\	3
DI-2	A . A A	OUTSIDE NEW WASTINGOW	, -	120	,	IVI	. /	1		\downarrow		. 1		. /			\rightarrow		- 1		DAGGAGE MARLOT	7	//3	#12	_	21		-
CFP	CHEMICAL FEED SYSTEM AND PUMPS	MECH. ROOM		- FR 120	1	M	M	F					F	E	E	v (M	M		2MA	MECH ROOM	5 1	2	#12	2	21		
GIP	GLYCOL INJECTION SYSTEM AND PUMPS	MECH. ROOM		- FR 120	1	М	M	E					E		E N			М	_			15 1	4	#12		21	-	
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M =	DENOTES BY MECHANICAL CONTRACTOR	I = INTF	RLOCI	<									1		RM ΔΙΙ	FINI	ΛΙΙΩΔ	D INF		MITH MI	ECHANICAL CONTRACTOR.							
I	DENOTES BY ELECTRICAL CONTRACTOR	OA = MAG	NETIC	STARTER WITH OFF-AUTO									'.	MAKE	NECES:	SARY	ADJU:	STME	NTS TO BRE	AKERS	FEEDERS, DISCONNECTS							
	THERMOSTAT TIMER SWITCH	SS = MAG W/T = WIRE		STARTER WITH START-ST	OP S	ŁLEC⁻	ıUR						2.						, AT NO ADD RCUITS FOR		_ COST NICAL SYSTEM CONTROLS.							
HOA =	MAGNETIC STARTER WITH HAND-OFF-AUTO SEL	LECTOR VFD = VARI	ABLE	FREQUENCY DRIVE										COORE	DINATE	LOC	ATION	WITH	MECHANICA	AL CON	TRACTOR ON SITE.							
MAN =	MAGNETIC STARTER WITH AUX STATUS CONTA MANUAL STARTER			ACTING THERMOSTAT D SWITCH									3.	ONE B				U DRI	NKING FOUN	vi AINS,	ONE BY SOUTH W.R. AND							
C.P. =	CONTROL PANEL INTEGRAL WITH UNIT	DDC = CON PS = PRES		ED BY DDC SYSTEM										REFER	TO SE	PARA	ATE PR				TED ON DWG E2.01. TRANSFORMERS AND							
1101 =	INTEGRAL WITH DIVIT	rs = PKES	JJUKE	- JVVII OH										LOW-V	OLTAG	E WIF	RING B	Y MEC	CHANICAL C	ONTRA	CTOR.							
													6.								R AND WIRING FROM NDUITS FROM							
																			OWER AND									

		L	UMINAIRE SCH	EDULE	
TYPE	MANUFACTURER	CAT. No.	LAMPS	DRIVER	REMARKS
Α	PHILIPS EW COVE EC POWERCORE OR U TECHNOLOGIES	523-0000 92-82 OR TAPE LIGHT UT-FL-LE 280M 3000K 80 IP20 CHANNEL: UT-PR-ST XXFT	485lm/1FT LENGTH, 3000K	120V	COVE MOUNTED LED LUMINAIRE ILLUMINATING THE EXISTING BARREL VAULT CEILING; 4' SECTION MOUNTED END-TO-END. OR UTECHNOLGIES TAPE LIGHT AND CHANNEL IN LENGTH REQUIRED FOR ENTIRE VALANCE
В	PHILIPS LEDALITE	3622-D1-ST-L-B-36-S-1-1-E-T	LED, 3600lm, 3000K	120V INTEGRAL	2'x2' RECESSED IN T-BAR LUMINAIRE
B1	PHILIPS LEDALITE	3622-D1-ST-L-B-36-S-1-1-E-T	LED, 3600lm, 3000K	120V INTEGRAL	1'x4' RECESSED IN T-BAR LUMINAIRE
С	PHILIPS LEDALITE	2905-L-B-C-Q-Q-08-1-1-E-T	4600lm/4FT, 70%DN/30%UP, 3000K	120V INTEGRAL	8' LONG LINEAR DIRECT/INDIRECT LUMINAIRE - SUSPENDED 18" BELOW CEILING
D	U TECHNOLOGIES	523-0000 92-82 OR TAPE LIGHT UT-FL-LE 280M 3000K 80 IP20 CHANNEL: UT-PR-ST XXFT	485lm/1FT, 100%DOWN, 3000K	120V INTEGRAL	SURFACE MOUNTED LUMINAIRE - DOWNLIGHT ONLY
F	PHILIPS LIGHTOLIER	L4R-10-A-E-1-VA L4R-10-8-30-VA L4R-D-D	1000lm, 3000K	120V INTEGRAL	RECESSED DOWNLIGHTING - 4" ROUND
F1	PHILIPS LIGHTOLIER	L6R-20-A-E-1-VA L6R-20-9-30-W-VQ L6R-D-D	2000lm, 3000K	120V INTEGRAL	RECESSED ADJUSTABLE DOWNLIGHTING - 6" ROUND . AIM AT DIORAMA EXHIBIT
G	LEVITON	MXG2CL235-DELV-SV-24-S	1700lm, 3000K/82CRI	120V INTEGRAL	CANOPY MOUNTED TRACK HEAD AIMED AT WALL ART
Н	PHILIPS TRUEVIEW	2921LCKWN08	1500lm/4FT, 3000K/82CRI	120V INTEGRAL	WALL MOUNTED LUMINAIRE ILLUMINATING THE BROCHURES DISPLAY AREA
LA	MP LIGHTING	L600-13-W30-S-N-S-120-MA	1044lm, 3000K	120V INTEGRAL	SURFACE ROUND LUMINAIRE - 4-5/8" DIAMETER, 4-3/8" DEEP - EXTERIOR CANOPY MOUNTED, RATED FOR -30 DEG C
LB	EATON LUMARK	XTOR8B-W	8300lm, 3000K	120V INTEGRAL	WALL MOUNTED AREA LIGHT WITH FORWARD THROW - FULL CUT-OFF OPTICS B.U.G. RATING B2-U0-G1

EXISTING	P/	١NE	ELB	SOA	۱RE	S	CHEDULE	NEW TUE	3 P/	NE	ELB	SOA	\R[S	CHEDULE		
JOB NO./NAME : 1-16-175/SMITHERS AIRPORT EXPANSION PANEL : EXISTING PANEL 'C' (TUB 1) SYSTEM : 120/208V 1PH, 3W TYPE : CUTLER-HAMMER PRL 1a LOCATION : CHECK-IN AREA MOUNTING : FLUSH NO. CIRCUITS : 42 BUS SIZE : SYM. FAULT RATING :							JOB NO./NAME : 1-16-175/SMITHERS AIRPORT EXPANSION PANEL : NEW PANEL 'C' (TUB 2) SYSTEM : 120/208V 1PH, 3W TYPE : CUTLER-HAMMER PRL 1a LOCATION : CHECK-IN AREA MOUNTING : FLUSH NO. CIRCUITS : 42 BUS SIZE : SYM. FAULT RATING :										
DESCRIPTION	BRK	POLE	ССТ	CCT	POLE	BRK	DESCRIPTION	DESCRIPTION	BRK	POLE	CCT	ССТ	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING	OFFICE PLUGS	15	1	43	44	1	20	VENDING MACHINE		
EXISTING	20	1	03	04	1	15	EXISTING	OFFICE PLUGS	15	1	45	46	1	20	VENDING MACHINE		
EXISTING	15	1	05	06	1	15	EXISTING	OFFICE PLUGS	15	1	47	48	1	15	CAR RENTAL PLUGS		
EXISTING	15	1	07	08	1	15	EXISTING	OFFICE PLUGS	15	1	49	50	1	15	CAR RENTAL PLUGS		
EXISTING	15	1	09	10	1	15	EXISTING	OFFICE PLUGS	15	1	51	52	1	15	VAVS		
EXISTING	15	1	11	12	1	15	EXISTING	OFFICE PLUGS	15	1	53	54	1	15	ROOF RECEPTACLES		
EXISTING	15	2	13	14	1	20	EXISTING	OFFICE PLUGS	15	1	55	56	1	15	GENERAL PLUGS		
			15	16	2	15	EXISTING	SCREEN PLUGS	15	1	57	58 (1	15	EXISTING WASHROOM LAV		
EXISTING	15	2	17	18				SCREEN PLUGS	15	1	59	60	1	15_	SPARE		
			19	20	1	15	EXISTING	SCREEN PLUGS	15	1	61	62	1	15	SPARE		
EXISTING	15	2	21	22	1	15	EXISTING	SCREEN PLUGS	15	1	63	64	1	15	SPARE		
			23	24	1	15	EXISTING	SCREEN PLUGS	15	1	65	66	1	15	SPARE		
EXISTING	15	1	25	26	2	50	EXISTING	SCREEN PLUGS	15	1	67	68	1	15	SPARE		
EXISTING	15	1	27	28				SCREEN PLUGS	15	1	69	70	1	15	SPARE		
EXISTING	15	1	29	30	2	40	EXISTING	TEMPORARY VENDING	20	1	71	72	1	20	SPARE		
EXISTING	15	1	31	32				DF-2	15	1	73	74	1	20	SPARE		
EXISTING	15	1	33	34	1	15	EXISTING	AUTOMATIC DOORS	15	1	75	76	1	20	SPARE		
EXISTING	15	1	35	36	1	15	EXISTING	AUTOMATIC DOORS	15	1	77	78					
EXISTING	15	1	37	38	1	15	EXISTING				79	80					
EXISTING	15	1	39	40	1	15	EXISTING				81	82					
EXISTING	15	1	41	41	1	15	EXISTING				83	84					

PANEL : EF SYSTEM : 120 TYPE : LIG LOCATION : BAG	6-175/SI /208V 1 HTING / GGAGE RFACE A	PH, 3W AND DIS	STRIBL		XPANS	ION	
DESCRIPTION	BRK	POLE	CCT	ССТ	POLE	BRK	DESCRIPTION
LIGHTS - DEPARTURES	15	1	01	02	1	15	DDC CONTROL PANEL
LIGHTS - WASHROOM	15	1	03	04	1	15	DEPARTURES POD
LIGHTS - BAGGAGE HANDLING	15	_1	05	06	1	15	DEPARTURES POD
LIGHTS - CRAWL & MECH ROOM	1 15	1	07	08	1	15	INFO SCREENS
BOILER CONTROLS	15	1	209	10	1	15	INFO SCREENS
MECHANICAL CONTROLS	15	1	<i>j</i> 1	12	1	15	INFO SCREENS
SPARE	15	\1	13	14	1	15	SPARE
SPARE	15	1	15	16	1	15	SPARE
SPARE	15	1	17	18	1	15	SPARE
SPARE	15	1	19	20	1	15	SPARE
SPARE	15	1	21	22	1	15	SPARE
SPARE	15	1	23	24	1	15	SPARE
			25	26	3	20	SP-1
			27	28			
			29	30			

PANEL : F SYSTEM : 120// TYPE : LIGH LOCATION : BAG	208V 1 ITING A GAGE FACE	MITHER PH, 3W AND DIS SORTII	STRIBL		XPANS	ION	
DESCRIPTION	BRK	POLE	CCT	ССТ	POLE	BRK	DESCRIPTION
LIGHTING - DEPARTURES	15	1	01	02	1	15	DEPARTURES PLUGS
LIGHTING - BAGGAGE	15	1	03	04	1	15	DEPARTURES PLUGS
TRACK LIGHTING	15	1	05	06	1	15	DEPARTURES PLUGS
BAGGAGE TUNNEL LIGHTS	15	1	07	08	1	15	DEPARTURES PLUGS
CRAWL LIGHTING	15	1	09	10	1	15	UH-1
MECHANICAL ROOM PLUGS	15	1	11	12	1	_15_	EF-1
BAGGAGE MAKEUP PLUGS	15	1	13	14	1 {	30	EF-2
EXTERIOR PLUGS	15	1	15	16	1	15	GENERAL PLUGS
DAMPER MOTORS	15	1	17	18	2	15	HAND DRYER
			19	20			
			21	22	2	15	HAND DRYER
			23	24			
DF-1	15	1	25	26	2	15	HAND DRYER
AUTOMATIC DOORS	15	1	27	28			
DEPARTURE PLUGS	1/5	1	29	30	1	20_	VENDING MACHINE
ELECTRIC PLUMING FIXTURES	15	1	31	32	1	20	VENDING MACHINE
SPARE	15	1	33	34 (1	15	SF-1
SPARE	15	1	35	36			
SPARE	15	1	37	38			
SPARE	15	1	39	40			
SPARE	15	1	41/	41			

TRACE ALL BRANCH CIRCUITS CONNECTED TO EXISTING PANEL 'C'.
DISCONNECT FROM PANEL 'C'. RELOCATE PAENL 'C' AS INDICATED
AND EXTEND BRANCH CIRCUIT WIRING TO NEW PANEL LOCATION.

PROVIDE UPDATED PANEL DIRECTORY.
IN PANEL 'C', PROVIDE 100A LUGS FOR BUS-BARS AND CONNECT A
NEW 42 CIRCUIT TUB. NEW TUB CIRCUIT NUMBERS TO BE 43 TO 84.

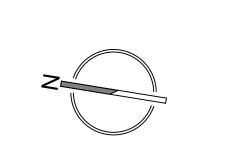
	PA	NI	ELE	30,	٩R	D S	SCH	IEC	DULE		
P. S T' L(M N B	DB NO./NAME : ANEL : YSTEM : YPE : DCATION : OUNTING : D. CIRCUITS : JS SIZE : YM. FAULT RATING :	2MA 120/2 LIGH MEC	208V 3I ITING A HANIC FACE	MITHER PH, 4W AND DI: AL RO	STRIBL		EXPANS	SION			JOB NO./N. PANEL SYSTEM TYPE LOCATION MOUNTING NO. CIRCU BUS SIZE SYM. FAUL
D	ESCRIPTION		BRK	POLE	ССТ	ССТ	POLE	BRK	DESCRIPTION		DESCRIP
Е	-1		15	1	01	02	1	15	CHEM. FEED & PUMP		WSHP-1
Е	i-2		15	_1	03	04	1	15	GLYCO INT & PUMP		
75	PARE		15	1	05	06	3	20	DHWT-1		
5	PARE		20	3	07	08					WSHP-2
					09	10					
					11/	12	2	30	DHWT-1		$\overline{}$
5	PARE		20	3)13	14					AHU-2
					15	16	2	30	DHWT-2		
\downarrow	1	,			17	18				(
	IECH ROOM/RECEPTS	\triangle	15	1	19	20	1	15	P-B-1	\geq	AHU-3
+	TECH ROOM RECEPTS	\mathcal{N}	15	1 \	21	22	1	15	P-B-2		
-	HP-1		15	1	23	24	3	20	SP-1	>	D I IIV 1
-	-HP-2 -P-1		15 15	1	25	26	-			\setminus	P-HW-1
-	i-P-1		15	1	21 <i>)</i> 2 9	30	1	20_	SPARE (
-	.C-1		15	3	31	32	1	20	SPARE		P-HW-2
′	10-1		13	3	33	34	1	20	SPARE		1 -1100-2
					35	36	1	20	SPARE /	\nearrow	
\ 5	PARE \	$\overline{\lambda}$	15	<u>~</u> 1∠	37	38	1	20	SPARE	-	P-HW-3
\rightarrow	PARE		15	1	39	40				7	
					41	42				\setminus	
				I	I	1		PANE	EL C/W 100A-3P MAIN BREAKER	> 	P-HW-4

	PANEL : 6MA SYSTEM : 347/ TYPE : CDF LOCATION : MEC	CHANIC EFACE	MITHER		PORT E	XPANS	SION	
	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
	WSHP-1	60	3	01	02	3	15	P-CW-1
				03	04			
				05	06			
	WSHP-2	60	3	07	08	3	15	P-CW-2
				09	10	,		
				11	12			
	AHU-2)15	3	13	1/4	3	15	INTAKE CONNECTOR AND STEP-DOWN TRANSFORMER
				15	16			STELL DOWN THANSI ONNER
(\vdash		17	18			
\nearrow	AHU-3)15	3	19	20	3	15	SPARE
)				21	22			
\rightarrow	D.11114	K_		23	24	-	4-	h 0501
\bigcup	P-HW-1)15	3	25	26	3	15_	R-GEO-1
				27	28	1		
$\langle \cdot $	P-HW-2	15	3	29 31	30	3	15	P-GEO-2
	P-NW-2	13	3	33	34	3	15	P-GEU-2
\nearrow				35	36	-		
-	P-HW-3	15	3	37	38	3	40	TRANSFORMER AND
>	1 1111 0	10		39	40	"		PANEL '2MA'
\backslash				41/	42			
/	P-HW-4	15	3	43	44			
				45	46			
(47	48			
7				49	50			
ľ				51	52			
Ī				53	54			
Ī				55	56			
Ī				57	58			
Ī				59	60			

	FIRE ALARM SCHEDULE								
ZONE	AREA	DEVICES							
Z1	MAIN FLOOR - FIRE ALARMS	PULLS/DETECTORS							
Z2	CRAWLSPACE - FIRE ALARMS	DETECTORS							
Z3	MECH ROOM - FIRE ALARMS	PULLS/DETECTORS							
Z4	LOWER FLOOR - FIRE ALARMS	PULLS/DETECTORS							
Z5	LOWER FLOOR - SPRINKLERS	FLOW							
Z6	MAIN FLOOR - SPRINKLERS	FLOW							
Z7	MAIN SPRINKLER VALVE	FLOW							
ZONE	SUPERVISORY SIGNALS	DEVICES							
T1	FIRE ALARM TROUBLE								
T2	SPRINKLER TAMPER								

REVISION No. DATE DESCRIPTION 1. 2016-DEC-13: ISSUED FOR COSTING ISSUED FOR DESIGN DEVELOPMENT 2. 2016-DEC-21: ISSUED FOR 30% REVIEW 3. 2017-JAN-30: ISSUED FOR 60% REVIEW 4. 2017-FEB-10: ISSUED FOR 60% COORDINATION 5. 2017-FEB-23: ISSUED FOR 90% REVIEW ISSUED FOR 90% COSTING 7. 2017-MAR-17: ISSUED FOR TENDER ISSUED FOR BUILDING PERMIT 9. 2017-MAY-5: ISSUED FOR CONSTRUCTION 10. 2017-AUG-9:





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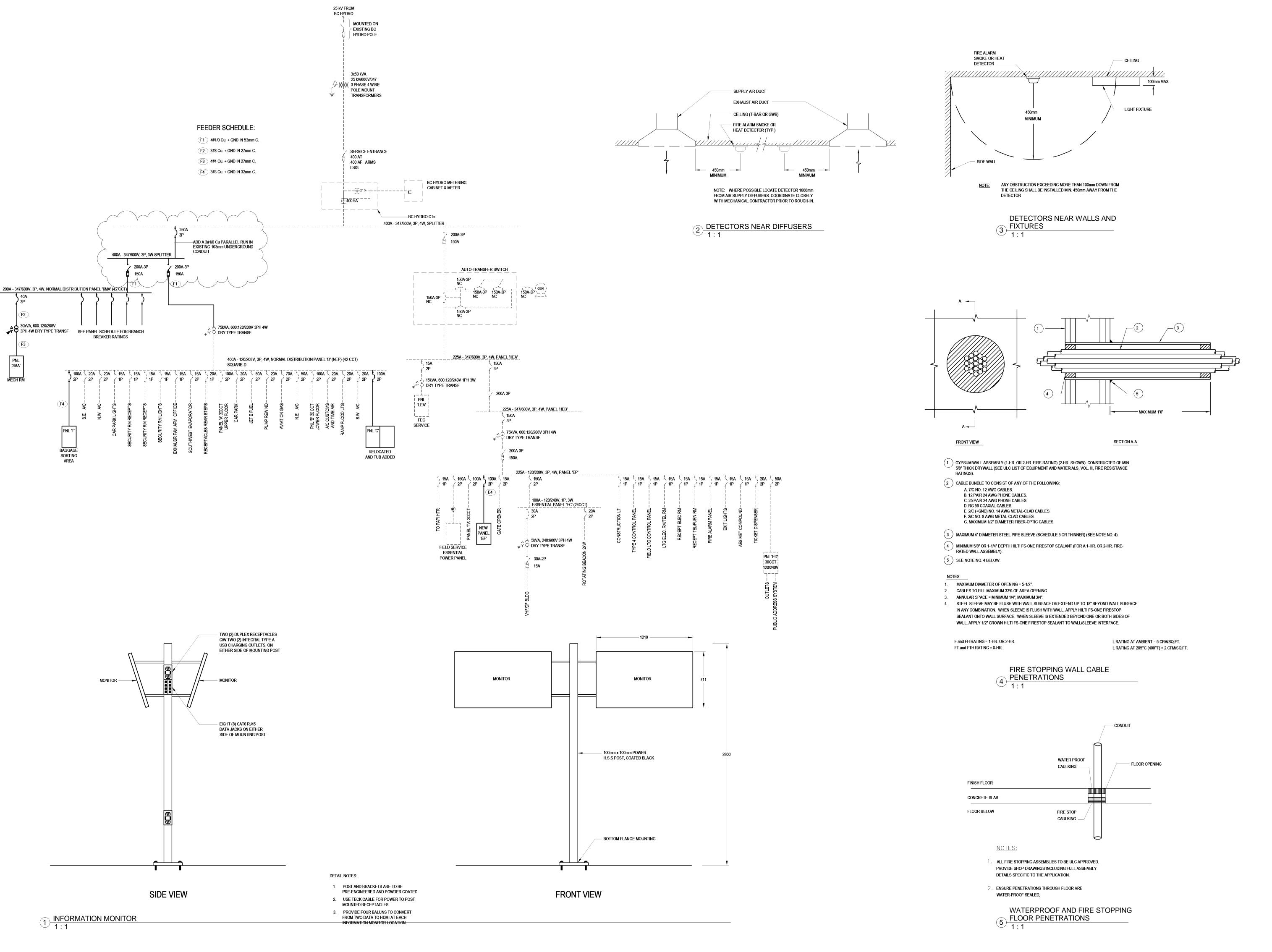
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Schedules and Legend

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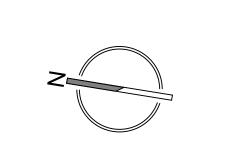




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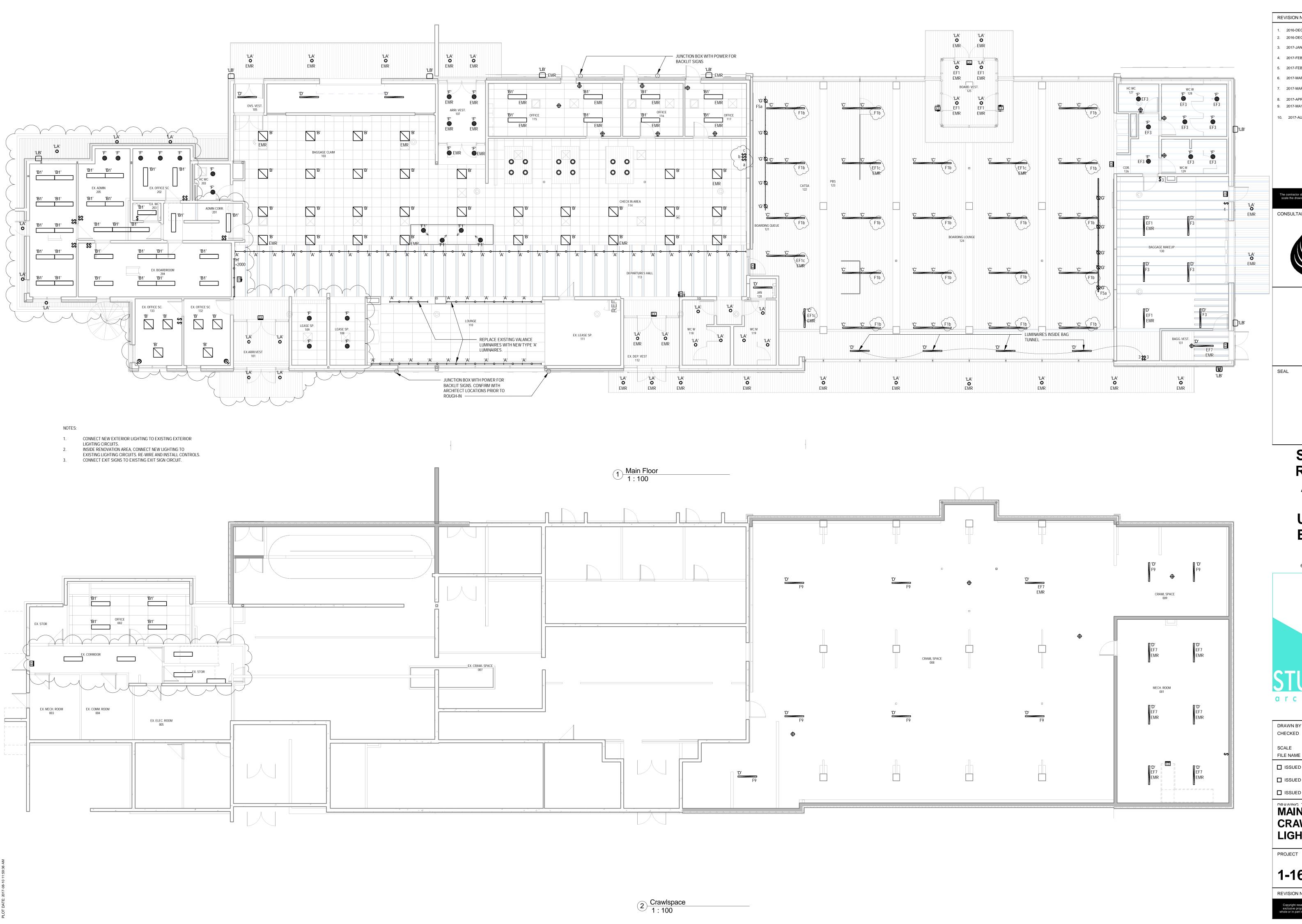
Single Line Diagram and Details

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REVISION No.

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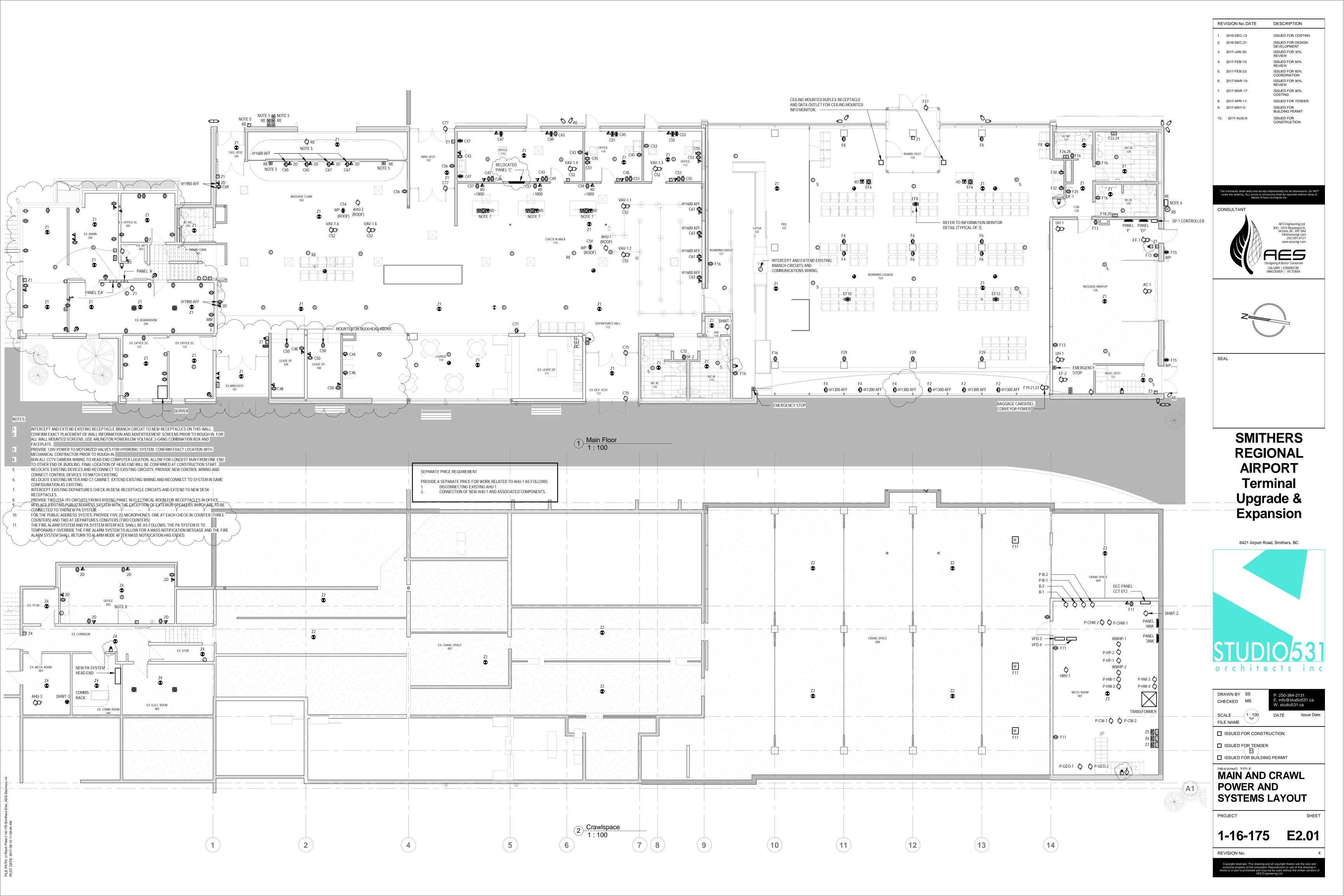
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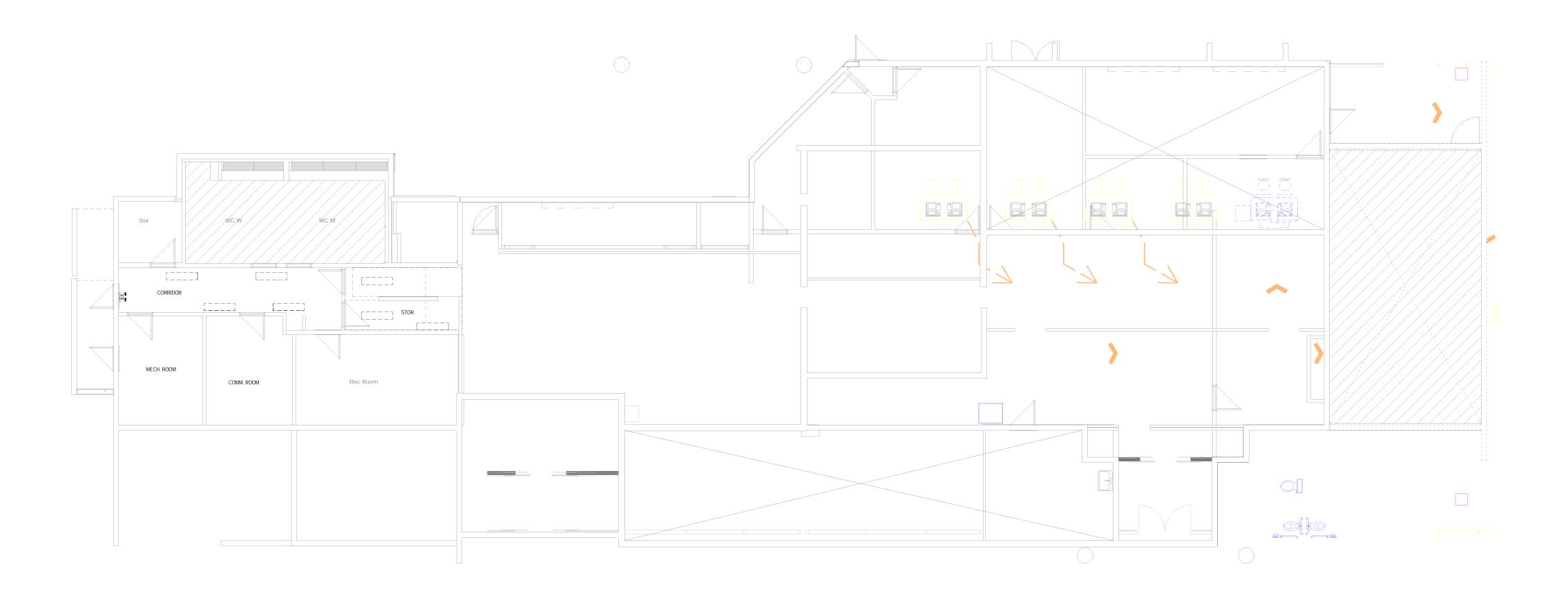




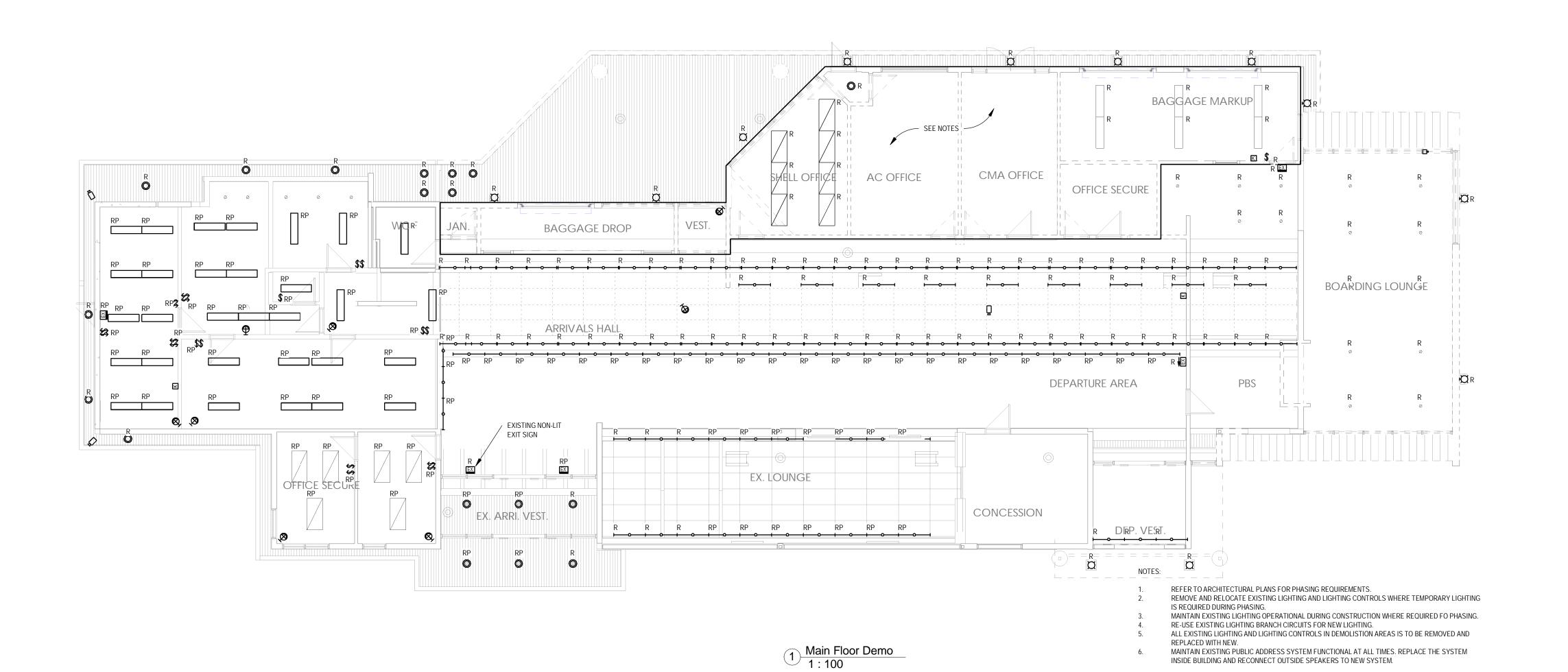
MAIN AND
CRAWLSPACE
LIGHTING LAYOUT

1-16-175 E2.00



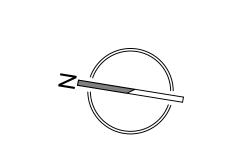


2 Crawlspace Demo 1:100



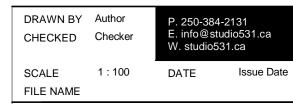
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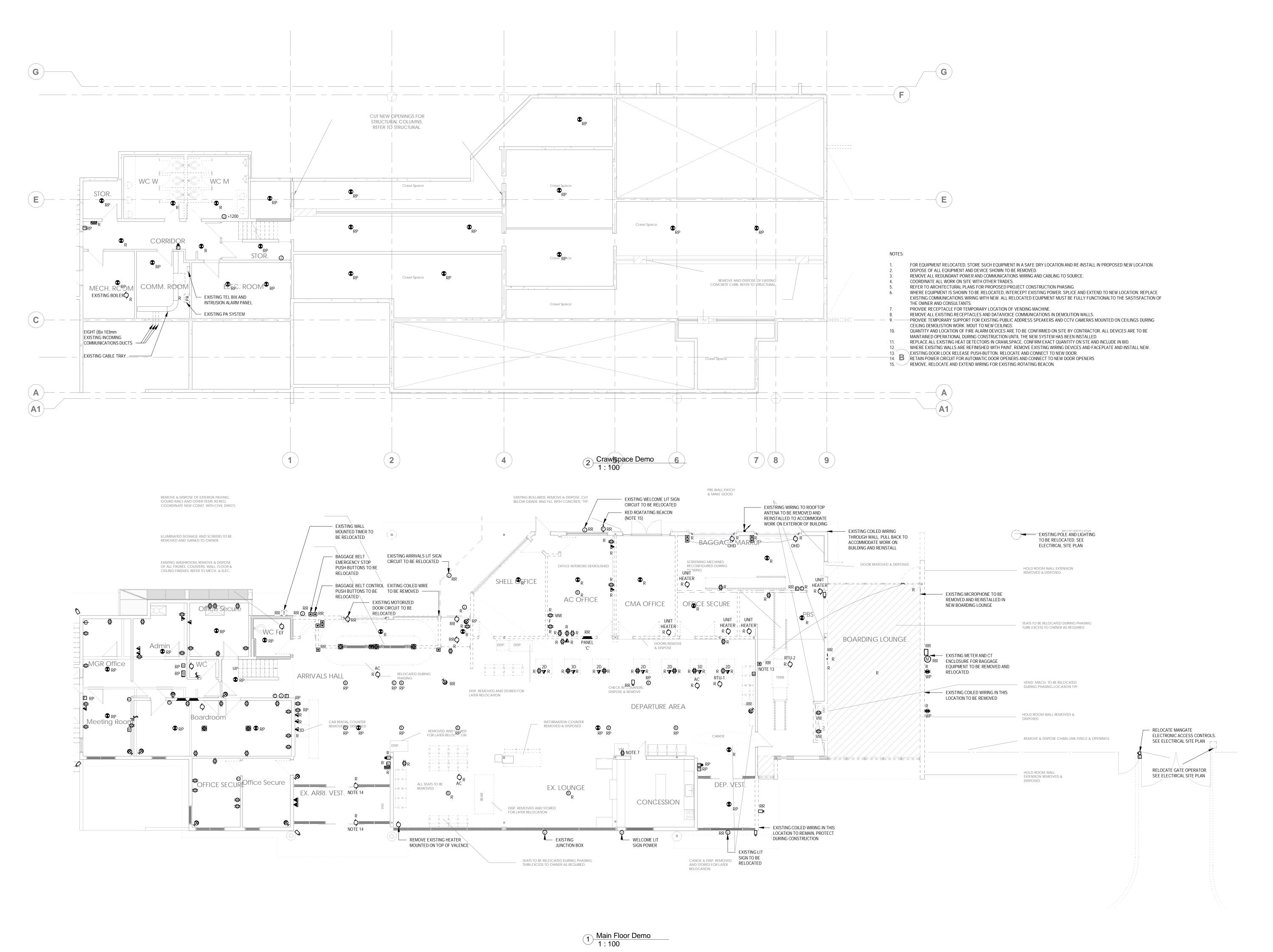
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DEMO MAIN AND **CRAWLSPACE** LIGHTING LAYOUT

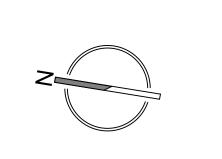
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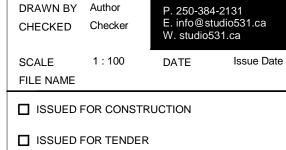
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DEMO MAIN AND CRAWL DEMO POWER AND SYSTEMS

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