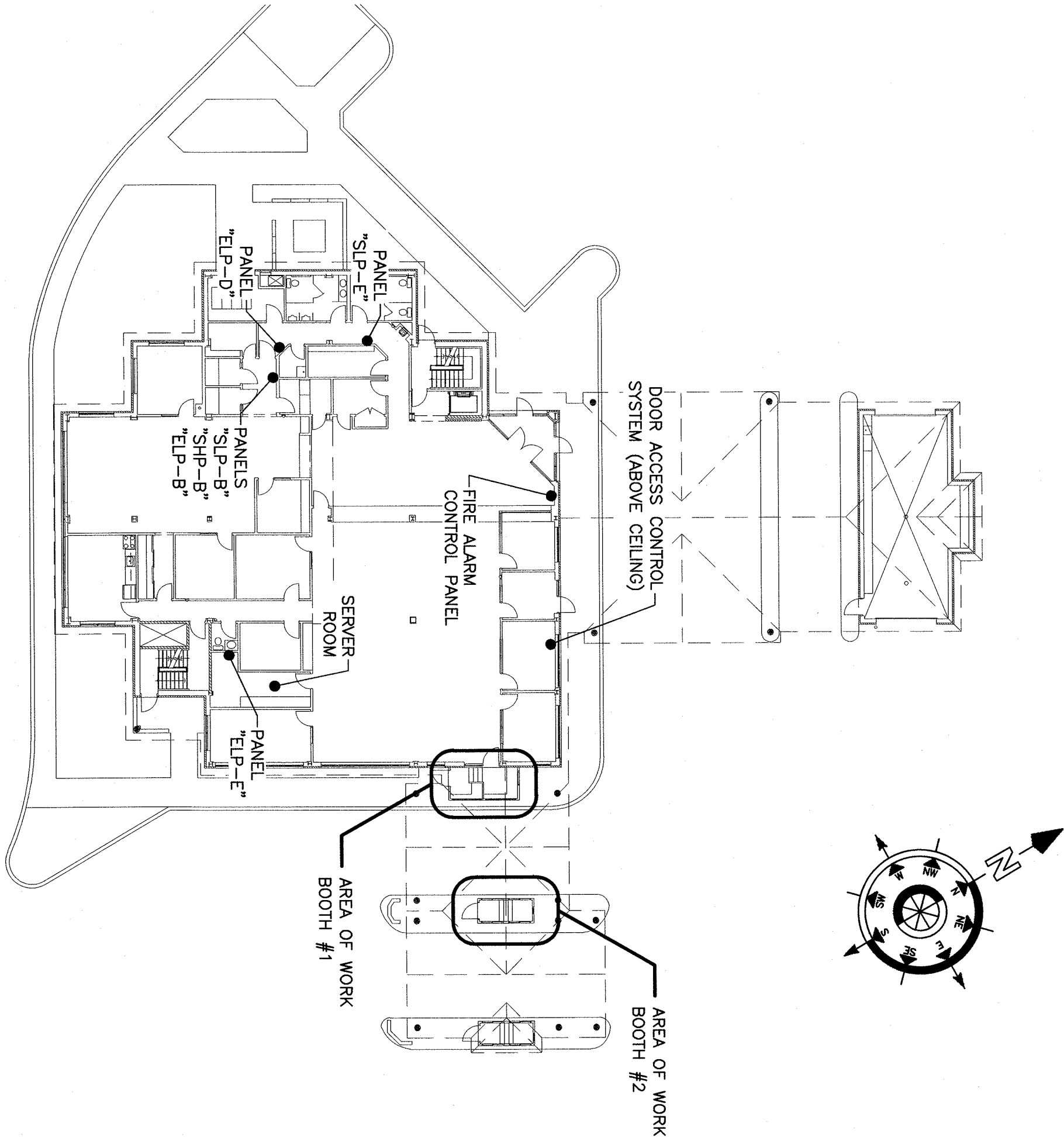
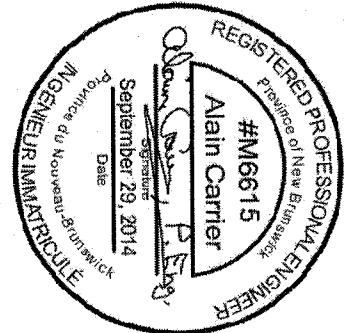


2	RE-ISSUED FOR TENDER	SEP-29 2014
1	RE-ISSUED FOR TENDER	SEP-22 2014
0	ISSUED FOR TENDER	SEP-17 2014
B	RE-ISSUED FOR 99% REVIEW	AUG-01 2014
A	ISSUED FOR 99% REVIEW	AUG-01 2014

project
**EDMUNDSTON
BORDER CROSSING
PIL BOOTH 1 & 2
MODIFICATION**
MADONSKA, NEW-BRUNSWICK

drawing	design
designed A. CARRIER	conçu
date SEPTEMBER 2014	
drawn M. ROUCHAUD	dessiné
date SEPTEMBER 2014	
approved S. GODIN	approuvé
date SEPTEMBER 2014	
revision	révisé
project number R 071714.001	no. du projet
drawing no. E1	no. du dessin

— ELECTRICAL —
LEGEND, KEY PLAN
& FLOOR PLANS



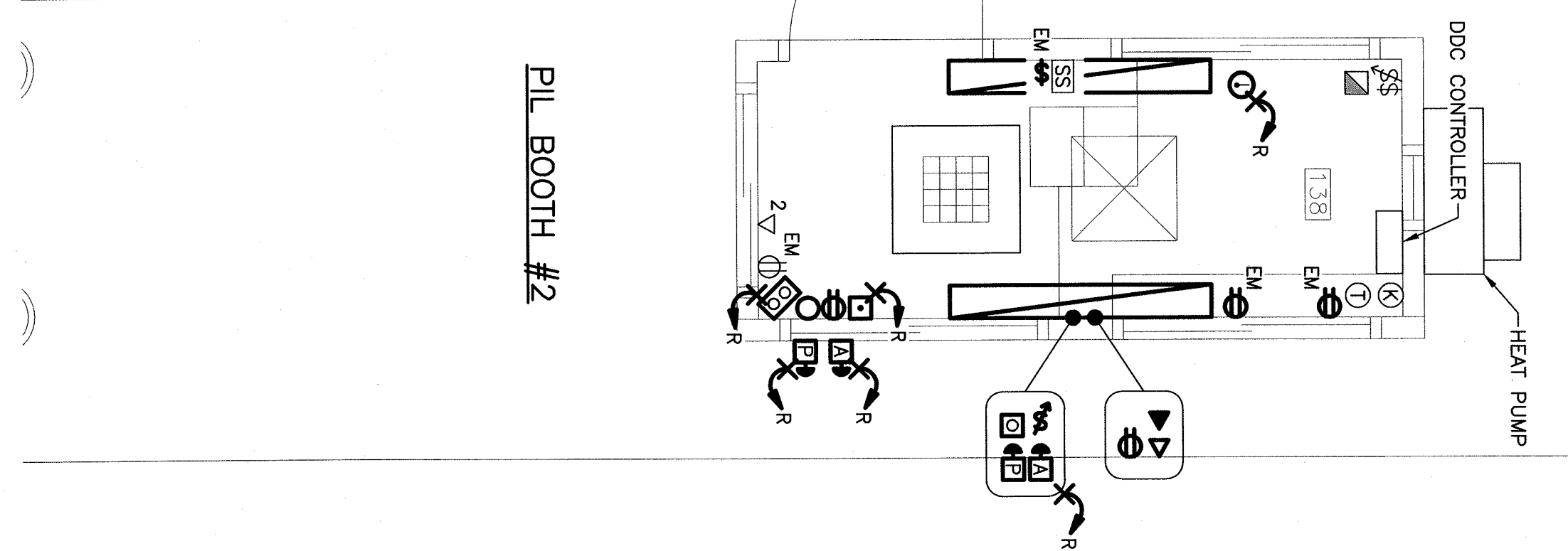
KEY PLAN

SCALE: 1:250
0m 5m 10m 15m 20m 25m

ELECTRICAL LEGEND

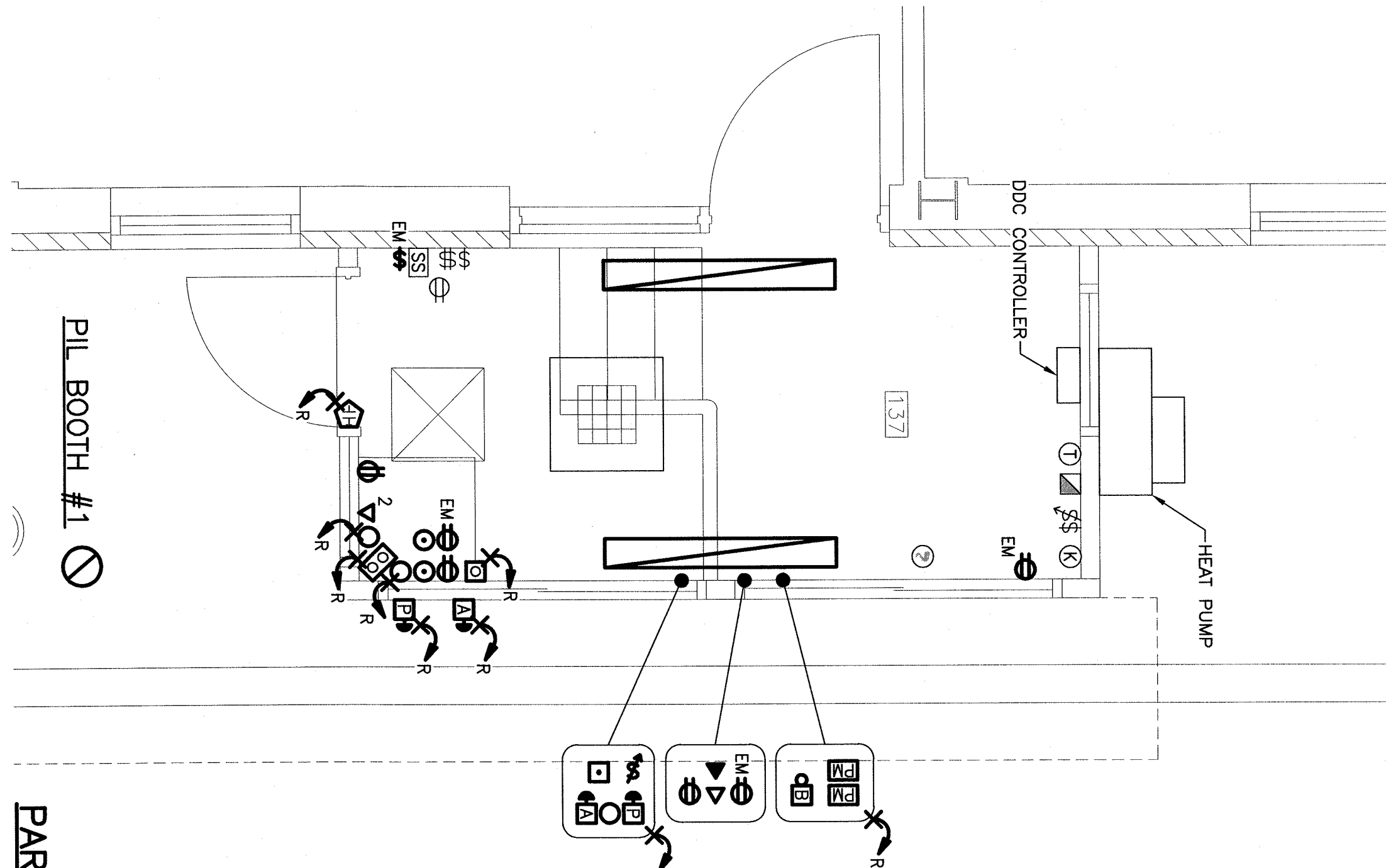
SYMBOL	DESCRIPTION
	HOME RUN AC WIRING (12 AWG NM-B CU MIN.)
	FLUORESCENT LUMINAIRE / SPOT LIGHT
	A - INDICATES TYPE (SEE SCHEDULE)
	SINGLE-POLE LIGHT SWITCH
	D - INDICATES NUMBER OF DROPS
	MULTIPLE SINGLE-POLE LIGHT SWITCH IN COMMON COVER PLATE
	15A/125V, 5-1ER DUPLEX U-GROUND RECEPTACLE
	20A/125V, 5-20R DUPLEX RECEPTACLE
	DIRECT CONNECTION
	COAX JUNCTION BOX
	TELEPHONE OUTLET
	DATA OUTLET
	# - INDICATES NUMBER OF DROPS
	COMBINED DATA/TELEPHONE OUTLET
	CAT6/4LAN PROTECTION MODULE
	TRAFFIC SELECTOR SWITCH "RED-OFF-GREEN"
	RED-GREEN TRAFFIC LIGHT INDICATOR
	GATE CONTROL PUSHBUTTON/SWITCH
	DRIVEWAY SIGNAL BELL
	PUSHBUTTON FOR BUZZER
	PANIC PUSH BUTTON (BY DOOR MANUFACTURER)
	SECURITY CARD READER, RBH #R360
	SECURITY DOOR CONTACT (BY DOOR MANUFACTURER)
	F.A. SMOKE DETECTOR
	F.A. THERMAL DETECTOR
	LOW VOLTAGE THERMOSTAT
	ELECTRIC BASEBOARD HEATER
	ELECTRIC INFRARED HEATER
	A - INDICATES TYPE (SEE SCHEDULE)
	MANUAL STARTER
	HEATING VARIABLE CONTROLLER SWITCH
	HEAT PUMP CONTROL KEYPAD
	HEAT PUMP FORCED AIR HEATER
	EQUIPMENT SHALL BE RELOCATED TO SHOWN LOCATION WITH INDICATED CIRCUIT
	RELOCATED EQUIPMENT AT NEW LOCATION
	DEVICE ON EMERGENCY CIRCUIT
	200mm OVER COUNTER ABOVE FINISHED FLOOR
	A.F.F.
	R
	EM
	O.C.
	A.F.F.

- GENERAL NOTES:
- THE DRAWINGS ARE PNEUMATIC AND INDICATE GENERAL LOCATIONS FOR ELECTRICAL EQUIPMENT. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS ON SITE PRIOR TO INSTALLATION AND SHALL CORROBORATE THE LOCATIONS SO AS NOT TO CAUSE INTERFERENCE WITH EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO VISIT THE JOB SITE TO VERIFY ALL EXISTING CONDITIONS WHICH COULD AFFECT THE WORK. NO EXTRA COST WILL BE ALLOWED FOR THE CONTRACTOR TO VERIFY EXISTING CONDITIONS. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL RELATED WORK TO AVOID CONFLICTS WITH OTHER TRADES. IF THERE IS ANY CONFLICTS REPORT TO CONSULTANT.
 - THIS CONTRACTOR SHALL COORDINATE ALL ELEC. WORK, CONTRACTOR AND/OR THE OWNER PRIOR TO CUTTING. THE CONTRACTOR IS RESPONSIBLE TO RELOCATE ANY ELECTRICAL THAT COULD INTERFERE WITH THIS WORK AND WORK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS PRIOR TO TENDER CLOSING. NO EXTRA ALLOWANCE WILL BE ALLOWED FOR RELOCATION OF ELECTRICAL SERVICES. OWNER INSTALLATION OF CEILING TILES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
 - ALL CUTTING, PATCHING, CORE DRILLING AND FIRE STOPPING SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
 - CONTRACTOR SHALL MAINTAIN INTEGRITY OF FIRE SEPARATION AT ALL FIRE SEPARATION. COORDINATE ALL RELATED WORK WITH FIRE SEPARATION. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND THEIR AMENDMENTS, IN A MANNER WITH GOOD WORKMANSHIP.
 - REVIEW MECHANICAL DRAWINGS AND COORDINATE ALL NEW MATERIAL SUPPLIED SHALL BE NEW AND CARRY CSA OR UL CERTIFICATION.
 - ALL WIRING & CONDUITS SIZES ARE BASED ON THE 2014 CANADIAN ELECTRICAL CODE (CSA C22.2-2012). IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO ENSURE THAT ALL CABLE TERMINATION POINTS OF ASSOCIATED EQUIPMENT SHALL BE RATED BELOW 75°C. IN THE EVENT THAT AN EQUIPMENT IS SUPPLIED WITH TERMINATION POINTS RATED BELOW 75°C, IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO SUPPLY AND INSTALL THE NECESSARY TUBING AND CONDUITS AS PER CODE REQUIREMENTS.



PARTIAL FLOOR PLAN (DEMOLITION)

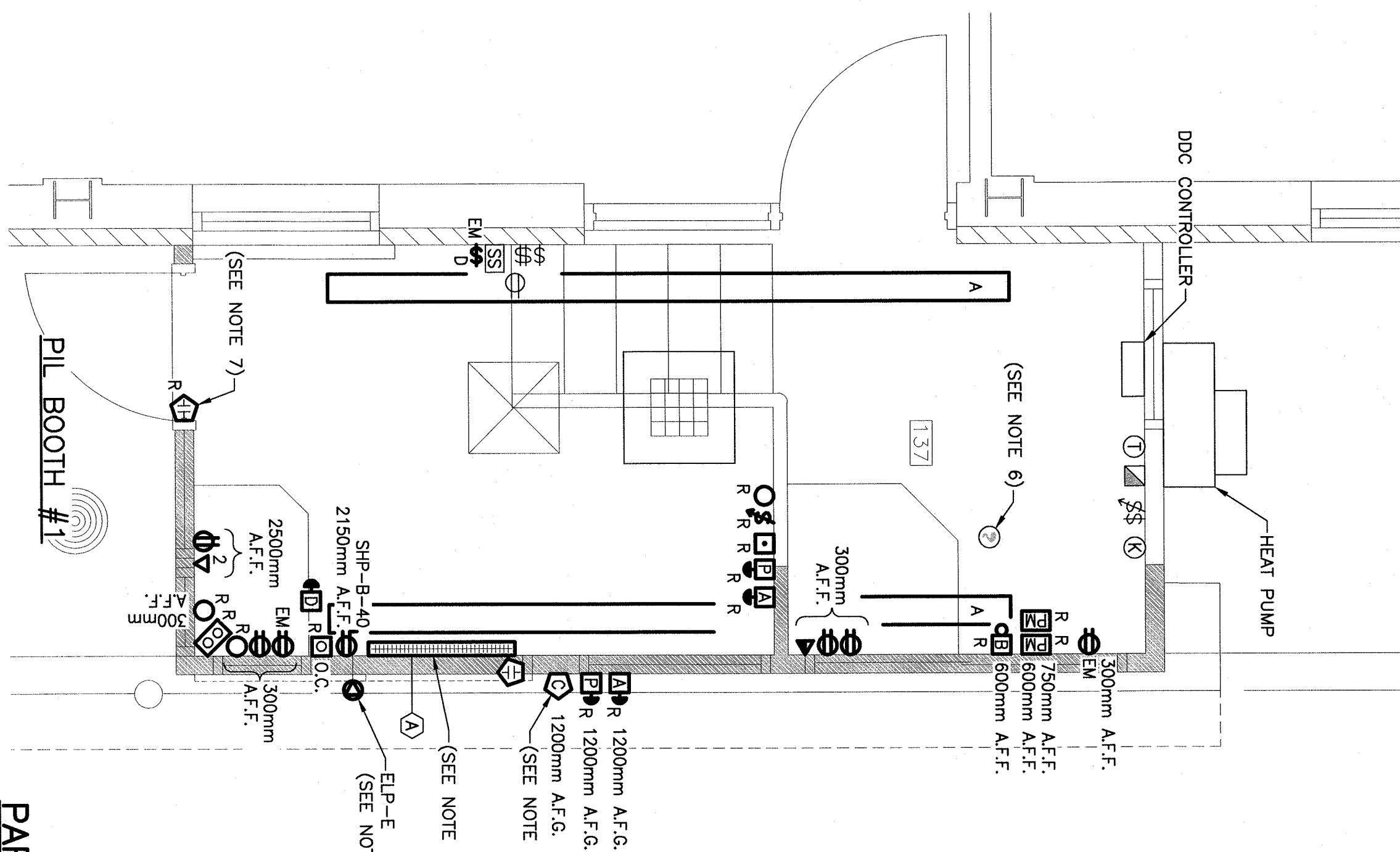
SCALE: 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm



PARTIAL FLOOR PLAN (PROPOSED)

SCALE: 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm

- NOTES:
- ALL CONDUITS SHALL BE CONCEALED IN NEW WALLS. ALL JUNCTION BOXES SHALL BE RECESSED.
 - PROVIDE AND INSTALL JUNCTION BOXES TO EXTEND POWER WIRING AND COMMUNICATION WIRING SHALL BE NEW. EXISTING CONDUITS CAN BE RE-USED TO EXISTING DOOR ACCESS CONTROL SYSTEMS.
 - INSTALLED AT A MINIMUM OF 400mm FROM CEILING AND ADJACENT WALLS.
 - ELECTRIC HEIGHT ADJUSTABLE DESK, FIRE ALARM VERIFICATION SHALL BE DONE BY APPROVED, FACTORY TRAINED PERSONNEL, AFTER CONTRACTOR SHALL PROVIDE TWO DOOR CIRCUITS AND INSTALL THEM IN PANEL, "E" INDICATE CIRCUIT NUMBER USED ON AS-BUILT DRAWINGS. PIL BOOTH WILL BE PERMITTED TO BE WORKED ON AT ALL TIME.



PARTIAL FLOOR PLAN (PROPOSED)

SCALE: 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm