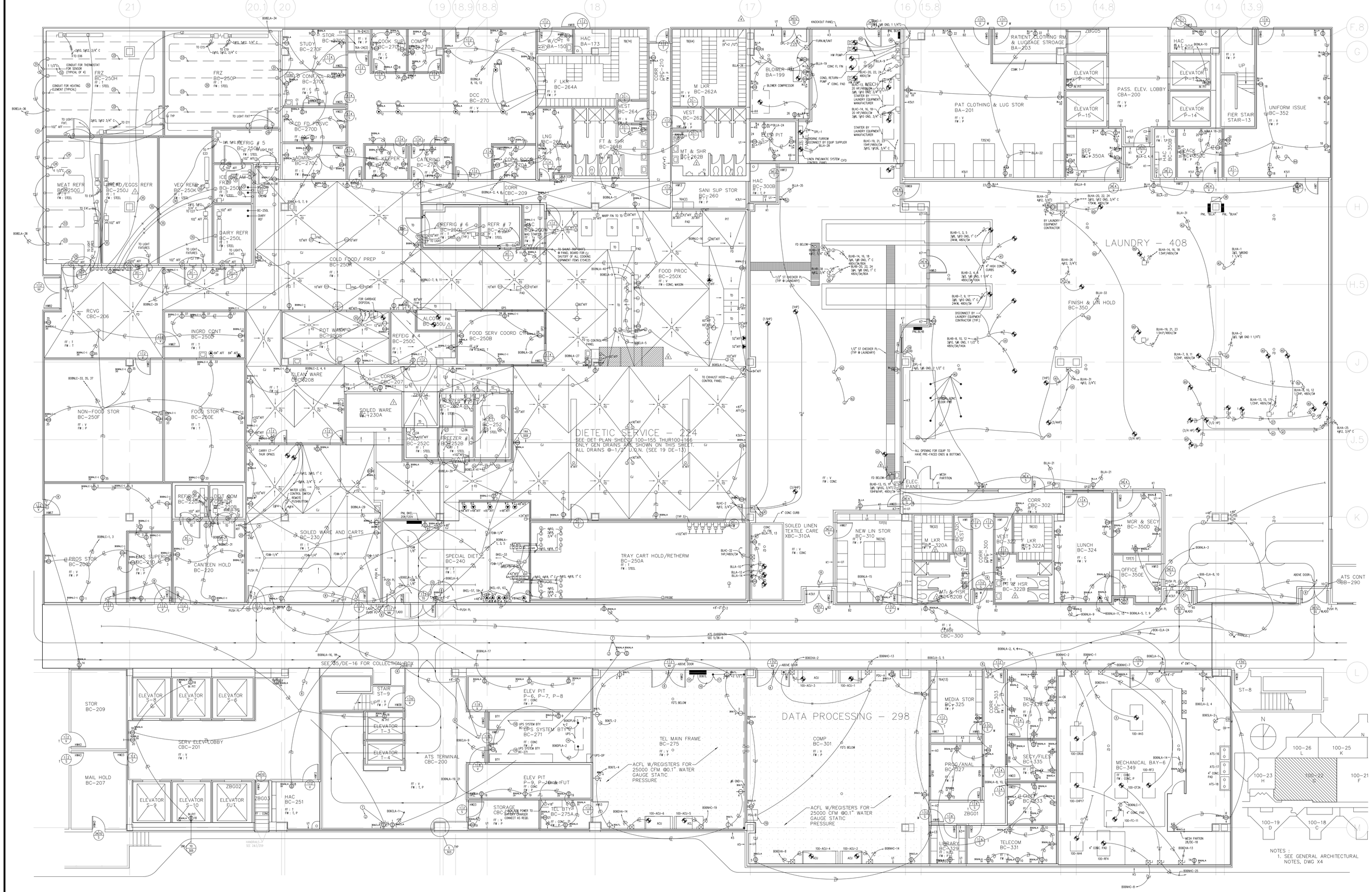

NOTES:

1. REFER TO 1/4" POWER PLAN SERVICE RAY-DRAWING 100-03N FOR ELECTRICAL EQUIPMENT ROOM LAYOUT.
2. REFER TO MECHANICAL LAYOUT FOR EXACT LOCATION OF MOTORS.
3. 2-1/4" C UNDERSLAB FOR POWER AND COMMUNICATION.
4. RECEPTACLES AND J-BOXES LOCATED IN CEILING FOR XTG TO CONVEYOR. CONNECT XG REQUIRED.
5. VERIFY AND COORDINATE MOUNTING HEIGHT WITH ATS CONTRACTOR.
6. PROVIDE MULTI CONDUCTOR 100-03N FOR TERMINATION AS REQUIRED BY ATS CONTRACTOR.
7. J-BOX FOR POWER TO AUTOMATIC DOOR OPERATOR. CONNECT PER ATS REQUIREMENT FOR PROPER OPERATION.
8. WATERPROOF J-BOX FOR CAMERA, FINAL LOCATION SHALL BE DECIDED BY SECURITY SYSTEM
9. STUB OUT CONDUIT 12" BELOW STRUCTURAL CEILINGS.
10. CIRCUITS BOBCLA-13, 13, 14 TO SERVE PAGING EQUIPMENT.
11. 120 KVA, 208/120V/4W UPS SYSTEM SEE SPECIFICATION.
12. 208-120V/3W/4W 225AMP PANEL BOARD.
13. @ GND IN 1/2" CONDUIT.
14. PROVIDE GROUND CLAMP AS REQUIRED CONNECT TO BLDG COLD WATER PIPE.
15. @ CAG WET CELL BATTERY RACKS.
16. 75KVA, 120/208V/3/4W, POWER DISTRIBUTION UNIT, SEE SPECIFICATION.
17. 15HP @ 3/4" CONDUIT ABOVE CEILING FOR CONTROL OF POT WASH OR MAKE BACH EXHAUST FAN. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL WIRING AND EQUIPMENT NECESSARY. PROVIDE IDENTIFICATION LABEL ON SWATH.
18. PROVIDE HORSEPOWERED RATED TOGGLE SWITCH TO CONTROL SURGE PUMP.
19. PROVIDE LINE VOLTAGE THERMOSTAT SETPOINT AT 25.1° WITH SENSING BULB. MOUNT AT +48 OFF IN A FLUSH JUNCTION BOX.
20. 1-1/2" CONDUITS IN SLAB FOR FREEZE PROTECTION. PROVIDE A MINIMUM OF 24" RADIUS.
21. LOCATE JUNCTION BOX ABOVE THIS FREEZER AND 120-VP SOLENOID.
22. PROVIDE 20 FEET OF HOT SECTION OF 2 SHACKFOOT AND ALL SPECIFIED ACCESSORIES. REFER TO SHEET 100-03N FOR SIMILAR TYPE INSTALLATION.
23. PROVIDE 36 FEET OF HOT SECTION OF 2 SHACKFOOT AND ALL SPECIFIED ACCESSORIES. REFER TO SHEET 100-03N FOR SIMILAR TYPE INSTALLATION.
24. SENSOR. KEEP LOCATION & REQUIREMENTS WITH REFRIGERATION EQUIPMENT SUPPLIER.
25. 30 AMP, 250 VOLT NON FUSED DISCONNECT SWITCH PULL BOX THIN INSTALL A 30 AMP, 2 POLE CIRCUIT BREAKER IN PANEL BOBBLE SPACE. FROM PANEL BOARD. DISCONNECT SWITCH PULL 3-#10, 1-#12 GND IN 3/4"C TO THE CONTROL PANEL AT THE ICE MACHINE.
26. LIGHT FIXTURES SHALL BE PROTERRED AND WIRES BROUGHT TO THE J-BOX FOR FINAL CONNECTION.
27. THE LIGHT FIXTURES SHALL BE SUPPLIED BY WALK-IN COOLER MANUFACTURER
28. PROVIDE LINE VOLTAGE THERMOSTAT SETPOINT AT 35.4° WITH SENSING BULB.
29. PROVIDE EQUIPMENT DISCONNECTS AS SHOWN ON PLANS. FINAL LOCATION SHALL BE DECIDED BY KITCHEN EQUIPMENT CONTRACTOR.
30. 1-1/4" CONDUITS IN SLAB FOR FREEZE PROTECTION.
31. ALL EQUIPMENT CONNECTION POINTS SHALL BE WORKED WITH KITCHEN CONTRACTOR'S DRAWING PRIOR TO INSTALLATION.
32. 3/4" #12AWG FOR TEMP. REMOTE MONITOR SENSOR WITH LOCATION & REQUIREMENTS WITH REFRIGERATION EQUIPMENT SUPPLIER.
33. DISCONNECT SWITCH PROVIDED BY LAUNDRY EQUIPMENT CONTRACTOR
34. 60A/3 BRANCH CIRCUIT CONDUIT BELOW CONVEYOR.
35. TRANSFORMER TO FLOOR MOUNTED 30KVA-480V/ 208Y/120V.
36. PANEL "BLANK" (208Y/120V-3ΦY-4W), PROVIDED BY LAUNDRY EQUIPMENT CONTRACTOR, EQUIPPED WITH ALL CIRCUIT BREAKERS REQUIRED TO FEED 3 DRYERS, 3 WASHERS, 3 SPRING TUMBLERS AND SPARES. CONNECTION TO EQUIPMENT BY LAUNDRY EQUIPMENT CONTRACTOR.
37. FEEDERS AND CONDUITS SIZED AND FURNISHED BY LAUNDRY EQUIPMENT CONTRACTOR.
38. REFER TO LAUNDRY EQUIPMENT DRAWING FOR EXACT LOCATION AND MOUNTING HEIGHT.
39. PRE WIRED MOTOR CONTROL PANELS PROVIDED BY LAUNDRY EQUIPMENT CONTRACTOR.
40. JUNCTION BOX FOR UNIFORM DELIVERY SYSTEM
41. CONNECTION TO EQUIPMENT BY LAUNDRY EQUIPMENT CONTRACTOR.
42. PREFERED MOTOR CONTROL PANELS PROVIDED BY LAUNDRY EQUIPMENT CONTRACTOR.

POWER LEGEND

SYMBOL	NAME	DESCRIPTION	SYMBOL	NAME	DESCRIPTION
	JBOX-C	CEILING MOUNTED JUNCTION BOX		MSTRSTART	MAGNETIC STARTER
H	JBOX-W	WALL MOUNTED JUNCTION BOX		DISCONN	DISCONNECT SWITCH
	PSUSPT	PS/AUXED RECEPTACLE		COMBSTART	COMBINATION DISCONNECT SWITCH AND MAGNETIC STARTER
	PSUSP-R	PS/AUXED RECEPTACLE		UNITHTR	UNIT HEATER BLOWER MOTOR
	PSUSP-R	PS/AUXED RECEPTACLE		PANEL	LIGHTING OR LIGHTING/POWER PANEL BOARD
	PSUSP-R	PS/AUXED RECEPTACLE		GNDWIRE	GROUND WIRE
	PSUSP-C	PS/AUXED RECEPTACLE		NEUTRAL	NEUTRAL WIRE
	PSUSP-R	PS/AUXED RECEPTACLE		HOTWIRE	HOTWIRE
	PSUSP-C	PS/AUXED RECEPTACLE		CONDUTUP	CONDUIT UP
	PSUSP-F	PS/AUXED RECEPTACLE		CONDUTDN	CONDUIT DN
	PSDPUP-D	PS/AUXED RECEPTACLE		DUPLEX	CEILING MOUNTED RECEPTACLE
	PSDNUP-D	PS/AUXED RECEPTACLE		VOLTMETR	VOLT METER
	PSUSP-R	PS/AUXED RECEPTACLE		CONNECPW	CONNECTION TO EQUIPMENT
	PSUSP-L	PS/AUXED RECEPTACLE		TVCNDUIT	OUTLET FOR TV CAMERA (CCTV SYSTEM) WALL MTD.
	PSUSP-W	PS/AUXED RECEPTACLE		TVWONUIT	OUTLET FOR TV MONITOR (CCTV SYSTEM)
	PSUSP-W	PS/AUXED RECEPTACLE		TVASANT	MASTER ANTENNA OUTLET BOX
	PSUSP-F	PS/AUXED RECEPTACLE		TVCNTF-C	OUTLET FOR TV CAMERA (CEILING)
	PSUSP-C	PS/AUXED RECEPTACLE		TVMONT-C	OUTLET FOR TV MONITOR (CEILING)
	PSUSP-R	PS/AUXED RECEPTACLE		MASTR-C	MASTER ANTENNA OUTLET BOX (CEILING)
	PSUSP-F	PS/AUXED RECEPTACLE		RTCNTF-W	REMOTE TV CONTROL OUTLET (WALL)
	PSUSP-T	PS/AUXED RECEPTACLE		RTCNTF-C	REMOTE TV CONTROL OUTLET (CEILING)
	PSUSP-U	PS/AUXED RECEPTACLE		CPTERMNL	CRT TERMINAL
	PSUSP-V	PS/AUXED RECEPTACLE		TMECLOK	TIME CLOCK
	PSUSP-W	PS/AUXED RECEPTACLE		LITCNTR	LIGHTING CONTRACTOR
	FLRDUCT	FLOOR OUTLET, 20A, 125V		LVMCTRLT	LV. MASTER CONTROL UNIT
	GFDUPLX	120V, 20A GFI RECEPTACLE MOUNT		LOWVOLT	LOW VOLTAGE RELAY
	GFWSUP	120V, 20A GFI WEATHERPROOF RECEPTACLE 18" A.F.F.		AUTODRPY	AUTOMATIC DOOR PUSH PLATE
	FFWRECPT	FLANFLEX WALL RECEPTACLE-20A, 125V, 18" A.F.F.		ELECDRPY	ELECTRIC DOOR OPERATOR PUSH PLATE ACTUATOR
	SNGLRCPT	SINGLE RECEPTACLE - 20A, MTD. 18" A.F.F.		DRSMDETR	DOOR OPERATOR MOTION DETECTOR
	DUPLEX	DUPLEX RECEPTACLE		GRNDJACK	GROUND JACK
	SPLVLTLT	SPECIAL RECEPTACLE, MOUNTING HEIGHT TO SUIT EQUIPMENT		HOSPRCPT	HOSPITAL GRADE RECEPTACLE
	SIDUPLEX	TWO DUPLEX RECEPTACLE		RRDPWALL	REMOTE RECEPTACLE PANEL
	SGHOSPCT	SURGIPROOF RECEPTACLE (HOSPITAL GRADE) 20A, MTD. 18" AFF WITH 18" LEAD.		EQNDJACK	EQUIPOTENTIAL GROUNDING JACK
	EQUIP	ELECTRICAL EQUIPMENT		DRYTRNSF	DRY TYPE, TRANSFORMER
	DCTCK-W	DIGITAL CLOCK (WALL)		DUCTHETR	DUCT HEATER
	DCTCK-C	DIGITAL CLOCK (CEILING)		BUSCTRTR	BUS DUCT, RISER
	MOTOR	MOTOR		MTRCBKR	MOTOR CIRCUITED CIRCUIT BREAKER IN WORK ENCLOSURE
	GENRATOR	GENERATOR		TRNSFRMR	TRANSFORMER
	PULLBOX	PULL BOX		TFLRJK/LT	TELEPHONE FLOOR OUTLET
	MAGNTSTR	MANUAL MOTOR STARTING SWITCH (W/ THERMAL OVERLOAD)		MAGLOCK	CLOCK OUTLET-WALL MOUNTED,
	PUSHBUTN	PUSH BUTTON		CIRBKR	CIRCUIT BREAKER
	INCANFXT	INCANDESCENT OR HID FIXTURE		INTSNTR	INTENSITY CONTROLLER
	INTCTR	INCANDESCENT OR HID FIXTURE-WALL MOUNTED		RELAY	RELAY LIGHT
	PTSC-CM	1 POLE SINGLE SWITCH		MOTRSENR	MOTION SENSOR
	MICSPKR	CEILING MICROPHONE SPEAKER			
	DIMCTRL	DIMMER CONTROL			

Revisions	Date
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100-A-03	10 NOV 87
100 A-24	29 APR 88
RFI #A-1128	7 MAY 90
RFI #A-235	-
RFI #M-150	-
	18 JAN 2005

Professional Seal

Drawing Title	BASEMENT FLOOR PLAN–AREA G POWER
Approved:	
Approved:	
Project Title	AS–BUILT Drawings
Building Number	100
Checked	
Drawn	
Location	VAMC, HOUSTON TEXAS.
Date	2 JAN 87
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VAMC, HOUSTON

Department of Veterans Affairs

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