

ELECTRICAL LEGEND

	- 20 AMP, 120 VOLT DUPLEX RECEPTACLE
	- DUPLEX RECEPTACLE WITH (2) USB PORTS
	- MANUAL MOTOR STARTER
	- VOICE/DATA OUTLET WITH COVER PLATE, RUN RACEWAY AND CABLE TO EXISTING IDF ROOM
	- J-BOX
	- DISCONNECT SWITCH
	- EXIT LIGHT W/ DIR. AND INTEGRAL BATTERY BACK-UP, AND "LIGHT BAR"
	- LAY-IN FIXTURE
	- LAY-IN FIXTURE WITH SELF-CONTAINED EMERGENCY BATTERY BACK-UP.
	- WALL MOUNTED VACANCY/ OCCUPANCY SENSOR MANUAL-ON AND AUTOMATIC/MANUAL - OFF, TIME ADJUSTABLE, DUAL TECHNOLOGY, TO BE IN ACCORDANCE WITH 2015 IECC.
	- CONDUIT ABOVE SLAB
	- CONDUIT BELOW SLAB
	- GROUND
NF	- NON FUSED
GFI	- GROUND FAULT CIRCUIT INTERRUPTER
US	- UN-SWITCHED
E.C.	- EMPTY CONDUIT WITH PULL WIRE
EM	- FIXTURE IS A SELF-CONTAINED EMERGENCY FIXTURE WITH BATTERY
	- THERMOSTAT BOX AND 1/2" CONDUIT TO UNIT
	- EXHAUST FAN OR MOTOR
	- 20 AMP 120 VOLT QUAD. RECEPTACLE
	- DUPLEX RECEPTACLE AND VOICE/DATA OUTLET AT +84" FOR TV MONITOR
	- A RECTANGULAR FLOOR BOX WITH (1) DUPLEX RECEPTACLE, FLOOR BOXES AND COVER PLATES SHALL BE FULLY FLUSH WITH THE FLOOR COVERING, AND SHALL BE PARALLEL/PERPENDICULAR TO WALLS. LEGRAND #880MP WITH FLANGE AND BRASS COVER PLATE.
	- 120/277 VOLT TOGGLE SWITCH
	- DIMMER SWITCH, SLIDE-BAR WITH ON-OFF PRESET, 1500 W
	- WALL MOUNTED VACANCY/OCCUPANCY SENSOR IN ACCORDANCE WITH 2015 IECC
	- CEILING MOUNTED OCCUPANCY SENSOR, TIME TO BE IN ACCORDANCE WITH 2015 IECC.
	- FLEXIBLE METALLIC CONDUIT
NL	- NIGHT LIGHT
WP	- WEATHER PROOF

ELECTRICAL NOTES

- ALL ELECTRICAL WORK UNDER THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AUTHORITY POWER COMPANY AND REQUIREMENTS AS APPLICABLE.
- THIS CONTRACT IS TO INCLUDE ALL CONTINGENCIES WHICH MAY ARISE AND WHICH MAY BE REQUIRED BY ALTERATION AND DEMOLITION WORK.
- ALL MATERIALS SHALL BE NEW U.L. LABELED UNLESS OTHERWISE INDICATED.
- ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE THE FOLLOWING WITH THE MECHANICAL CONTRACTOR AND COMPLY AS REQUIRED.
 - LOCATION OF EQUIPMENT (I.E. MOTORS, T-STATS, ETC.)
 - ELECTRICAL CHARACTERISTIC (I.E. VOLTAGE, H.P., AMPS, CONTROL WIRING)
- ALL CONDUIT SHALL BE EMT ABOVE GRADE & PVC BELOW GRADE.
- GROUNDING OF ELECTRICAL EQUIPMENT SHALL BE AS PER APPLICABLE CODES AND AS INDICATED ON DRAWINGS.
- ALL CONDUCTORS SHALL BE TYPE THHN COPPER UNLESS NOTED OTHERWISE. BRANCH CIRCUIT WIRING TO BE MINIMUM #12 AWG. OTHER SIZES SHALL BE AS INDICATED OR AS REQUIRED BY CODE. ALUMINUM CONDUCTORS ARE NOT ALLOWED.
- UPON COMPLETION OF THE WORK, THE VARIOUS SYSTEMS SHALL BE TESTED FOR SHORT CIRCUITS AND GROUNDS IN ACCORDANCE WITH THE METHOD AND RESISTANCE VALUES OUTLINED IN THE NATIONAL ELECTRICAL CODE AND FOR LOAD BALANCE ON FEEDERS AND BRANCH CIRCUITS. THE COMPLETED SYSTEM SHALL OPERATE SATISFACTORILY IN EVERY RESPECT. MAKE ANY REPAIRS OR ADJUSTMENTS NECESSARY TO THIS END TO THE SATISFACTION OF THE OWNER.
- AT THE COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH ONE (1) COMPLETE AND FINAL CORRECTED SET OF WORKING DRAWINGS. THIS SET OF WORKING DRAWINGS SHALL BE NEW, UNUSED AND IN GOOD CONDITION. ACTUAL CIRCUIT NUMBERS SHALL BE RECORDED ON THE AS-BUILT DRAWINGS.
- THE WORK PERFORMED SHALL BE GUARANTEED, FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE AGAINST FAULTY WORKMANSHIP AND/OR MATERIALS. ANY FAILURE OR TROUBLE DUE TO SUCH CAUSES WITHIN THE PERIOD OF THE GUARANTEE SHALL BE MADE GOOD UPON DEMAND OF THE OWNER AND WITHOUT COST TO THE OWNER.
- SITE OBSERVATION BY THE ENGINEER IS FOR THE EXPRESS PURPOSE OF VERIFYING COMPLIANCE BY THE CONTRACTOR WITH THE CONTRACT DOCUMENTS, AND SHALL NOT BE CONSTRUED AS CONSTRUCTION SUPERVISION OR INDICATION OF APPROVAL OF THE MANNER OR LOCATION IN WHICH THE WORK IS BEING PERFORMED AS BEING A SAGE PRACTICE OR PLACE.
- THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE SITE AND SATISFY HIMSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL VERIFY AT THE SITE ALL MEASUREMENTS AFFECTING HIS WORK AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE SAME. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE EXPENSES DUE TO HIS NEGLIGENCE TO EXAMINE OR FAILURE TO DISCOVER CONDITIONS WHICH AFFECT THIS WORK. NO EXTRA COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS.
- PROVIDE TYPE-WRITTEN CIRCUIT DIRECTORIES FOR ALL NEW ELECTRICAL PANELS AND AND FOR ALL EXISTING ELECTRICAL PANELS THAT HAVE BEEN UPDATED WITH THE NEW CIRCUITS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES, PIPING, CONDUITS, ETC., PRIOR TO START OF CONSTRUCTION WITH THE EXECUTION OF THE CONTRACTOR AGREES TO INDEMNIFY THE ARCHITECT, ENGINEER, AND OWNER FROM ANY ACTION ARISING AS A RESULT OF DAMAGE TO ANY EXISTING UTILITIES.
- EVERY BRANCH CIRCUIT SHALL BE PROVIDED WITH A SEPARATE, DEDICATED NEUTRAL IN ACCORDANCE WITH NEC, WHETHER SHOWN ON DRAWINGS OR NOT.
- CONTRACTOR SHALL INSTALL EQUIPMENT AS PER MANUFACTURER REQUIREMENTS.
- ALL LIGHTS FIXTURES SHALL BE HUNG FROM AND/OR FASTENED TO THE BUILDING STRUCTURAL NOT FROM CEILING.
- PROVIDE ARC-FLASH LABELING ON ALL NEW ELECTRICAL PANELS. ALL LABELING SHALL BE DONE USING ANNEX H OF NFPA 70E, (130.5(D)), OR BY CALCULATIONS.
- PROVIDE UN-SWITCHED HOT CONDUCTOR TO ALL EMERGENCY BATTERIES OF FIXTURES. THIS HOT CONDUCTOR SHALL BYPASS ANY SWITCHES, OCCUPANCY SENSORS, AND LIGHTING CONTROL RELAYS. TYPICAL
- REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT.
- MC CABLE WILL NOT BE ALLOWED.
- LABEL THE COVERS OF ALL NEW ELECTRICAL PANELS WITH PHENOLIC NAMEPLATES. LABEL SHALL SAY THE PANEL NAME, VOLTAGE, AND AMP RATING (I.E. PANEL L3, 120/208 /3PH, 200AMP).
- ALL LIGHTING AND LIGHTING CONTROLS SHALL BE IN ACCORDANCE WITH THE IECC 2015 ENERGY CODE.
- THE MOUNTING HEIGHTS OF ALL RECEPTACLES, SWITCHES, AND ALL OTHER PERTINENT ELECTRICAL DEVICES AND EQUIPMENT, SHALL BE IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS, ADA, AND TAS. PRIOR TO ROUGH-IN, THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. IF THERE ARE NO MOUNTING HEIGHTS SPECIFIED ON THE ARCHITECTURAL DRAWINGS THEN THE CONTRACTOR SHALL USE THE MOUNTING HEIGHTS AS SPECIFIED BY ADA AND/OR TAS.
- THE CONTRACTOR SHALL NOTIFY THE OWNER 7 DAYS IN ADVANCE OF ALL NECESSARY POWER OUTAGES. THE POWER OUTAGES SHALL OCCUR ON NIGHTS AND/OR WEEKENDS. PREPARE ALL WORK IN ADVANCE SO THAT THE DURATION OF THE POWER OUTAGES IS KEPT TO A MINIMUM.
- COLOR OF DEVICES & COVER PLATES SHALL BE STAINLESS STEEL TO MATCH EXISTING. VERIFY WITH ARCHITECT PRIOR TO ORDERING.
- ALL TRANSFORMERS SHALL HAVE COPPER WINDINGS. MOUNT TRANSFORMER ON SPRING-TYPE VIBRATION ISOLATORS AND 4" CONCRETE SLAB. SLAB SHALL EXTEND 4" PAST THE EDGE OF THE TRANSFORMER AROUND THE ENTIRE PERIMETER.
- THE ELECTRICAL PANELS SHALL HAVE COPPER BUSSING AND DOOR-IN-DOOR CONSTRUCTION.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN GANG TYPE CONTROLS UNDER ONE COVER PLATE. DIMMER SWITCHES, THERMOSTATS, FAN CONTROLS OR OTHER DEVICES WHICH CAN NOT BE INSTALLED UNDER THE SAME GANG-TYPE COVER PLATE SHALL BE CLOSELY

DEMOLITION NOTES:

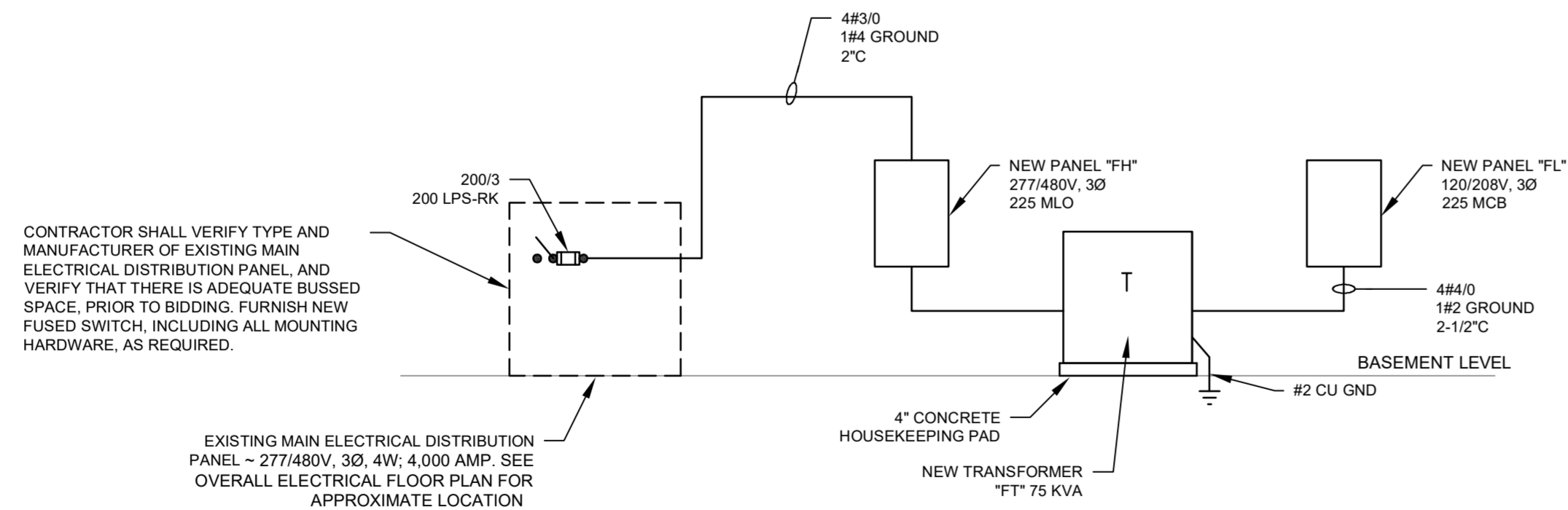
- CONTRACTOR SHALL REMOVE ALL EXISTING FIXTURES, RECEPTACLES, CONDUIT, WIRING, ETC. WHERE SHOWN. ANY ADDITIONAL ITEMS ENCOUNTERED WITH THE CONSTRUCTION SHALL BE REMOVED AT NO ADDITIONAL COST.
- ALL DEMO ITEMS, AND MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR. CONTRACTOR SHALL USE EXTREME CARE AND CAUTION DURING DEMOLITION AS TO PREVENT ANY EXCESSIVE INTERFERENCE WITH NORMAL BUSINESS ACTIVITIES.
- ALL DEMOLITION WORK SHALL BE EXECUTED WITH THE GREATEST CARE SO AS NOT TO DAMAGE EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGED TO THE EXISTING CONSTRUCTION TO REMAIN SHALL BE REPAIRED AT THE COST OF THE DEMOLITION CONTRACTOR.
- ALL POWER SHUT-DOWNS & SWITCHOVER SHALL BE COORDINATED WITH OWNER 7 DAYS IN ADVANCE.
- THERE ARE EXISTING CIRCUITS, RECEPTACLES AND LIGHT FIXTURES BEING REMOVED AND REPLACED. CONTRACTOR TO ABANDON CONDUIT AND WIRING IN PLACE WITHOUT CONFLICTS TO NEW CONDUIT AND WIRING.
- ALL NEW ELECTRICAL COMPONENTS SHALL HAVE NEW CONDUIT AND WIRING.

FIRE ALARM NOTE

THE ELECTRICAL CONTRACTOR SHALL MAKE ALL MODIFICATIONS TO THE EXISTING FIRE ALARM SYSTEM AS REQUIRED, INCLUDING ADDING NEW DEVICES AND WIRING IF NECESSARY. FURNISH ALL PARTS AND LABOR AS REQUIRED FOR A COMPLETE TURN-KEY DESIGN-BUILD SYSTEM INCLUDING DRAWINGS AND APPROVALS FROM THE FIRE MARSHAL'S OFFICE.

DATA/VOICE CABLING & I.T. EQUIPMENT

ALL DATA/VOICE CABLING AND OUTLETS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL I.T. EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL PARTS, LABOR AND MATERIALS FOR A COMPLETE AND FUNCTIONAL TURN-KEY SYSTEM. COMPLY WITH ALL REQUIREMENTS AND SPECIFICATIONS OF EL PASO COUNTY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE REQUIREMENTS AND SPECIFICATIONS PRIOR TO BIDDING. REFER TO THE SPECIFICATION MANUAL FOR MORE DETAIL.



ELECTRICAL LOAD CALCULATIONS

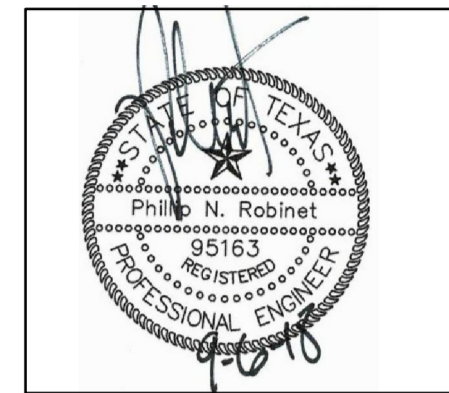
277/480V, 3 PHASE, 4000 AMPS

- EXISTING PEAK DEMAND PER EPECO = 1,624KW
- NEW PANEL "FH" (HIGH PHASE) = 134.4 AMPS (PHASE A)

TOTAL AMPS HIGH PHASE A = 3,188.0

1 ELECTRICAL RISER DIAGRAM

NOT TO SCALE



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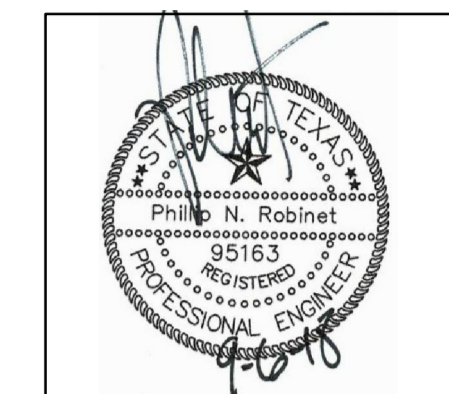
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ELECTRICAL
LEGEND

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 500 E SAN ANTONIO ST. EL PASO, TEXAS

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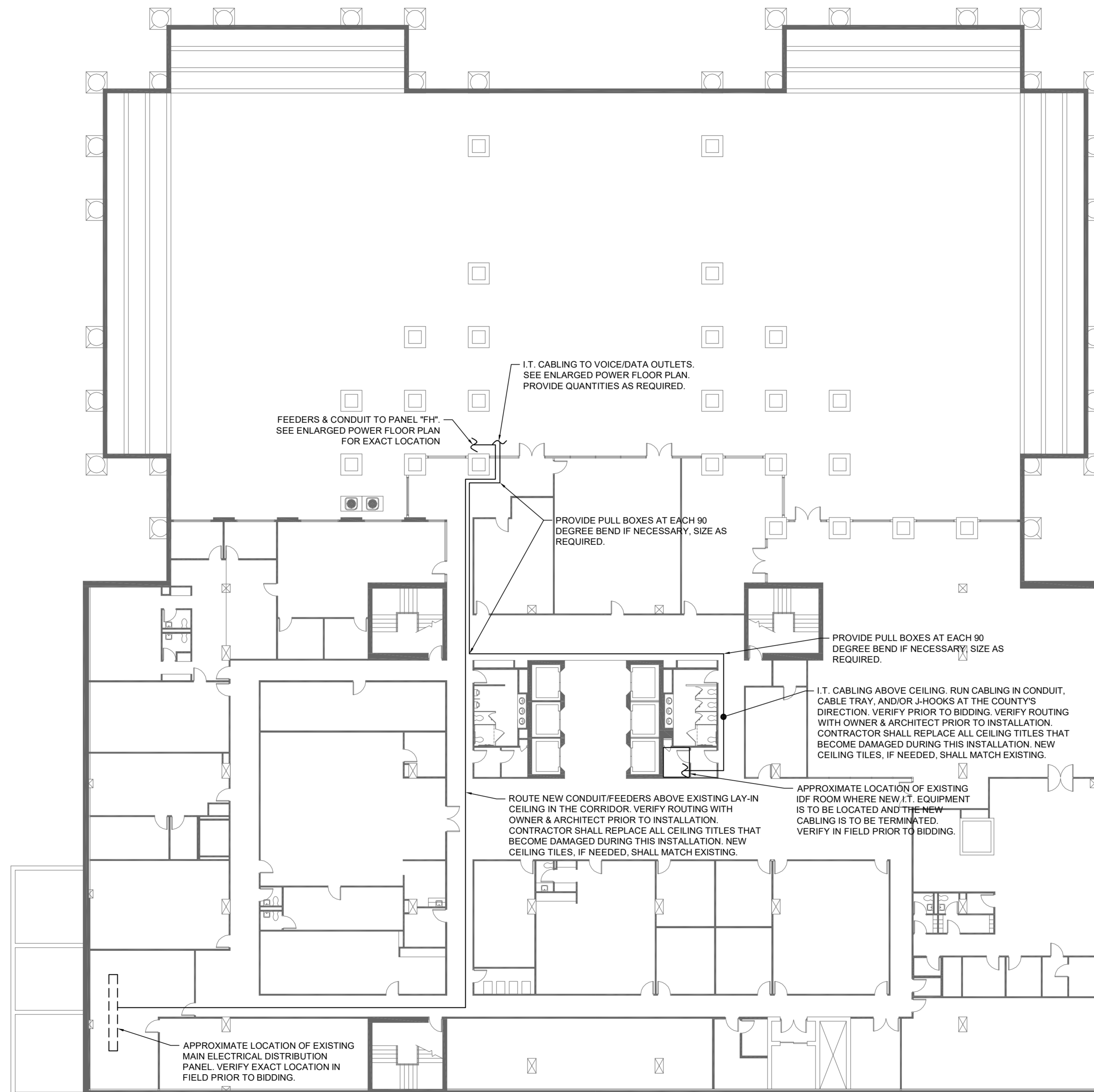
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 OVERALL ELECTRICAL PLAN

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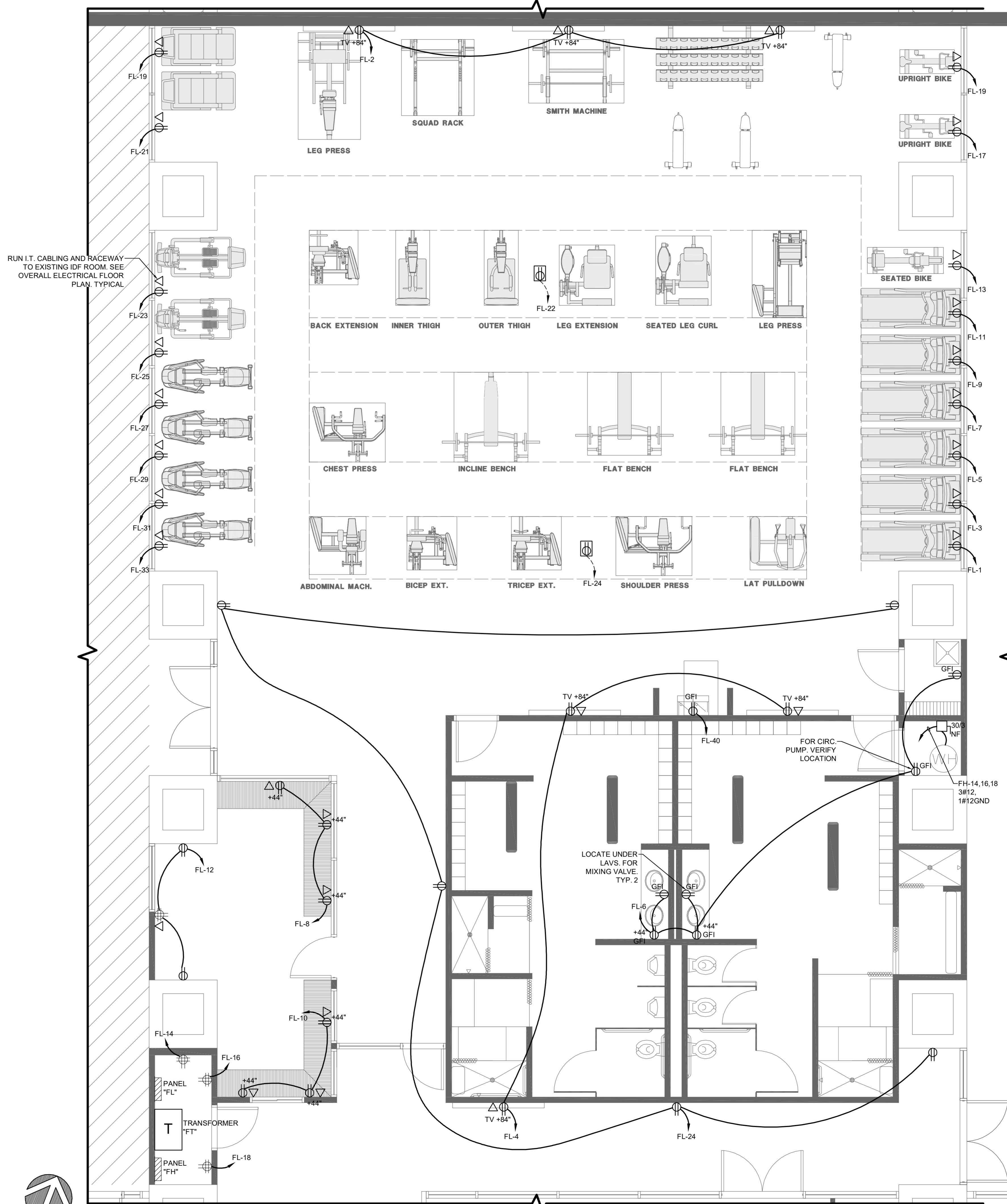
1 OVERALL ELECTRICAL FLOOR PLAN
 NORTH LOWER LEVEL SCALE: 1/16"=1'-0"

PANEL FL	TYPE	MOUNTING SURFACE	120/208/3Ø/4W						C/B	MAIN 225 MCB	USE AND / OR AREA
			C/B	CIR. NO	Ø A	Ø B	Ø C	CIR. NO			
TREADMILL	20	1	1,440					2	20	T.V.'S	
TREADMILL	20	3	1,440					4	20	T.V.'S	
TREADMILL	20	5	1,440					6	20	RCPT. - RR, WH, JAN	
TREADMILL	20	7	1,440					8	20	RCPT. - FRONT DESK	
TREADMILL	20	9	1,440					10	20	RCPT. - FRONT DESK	
TREADMILL	20	11	1,440					12	20	RCPT. - FRONT DESK	
SEATED BIKE	20	13	1,440					14	20	RCPT. - IT / ELEC.	
UPRIGHT BIKE	20	15	1,440					16	20	RCPT. - IT / ELEC.	
UPRIGHT BIKE	20	17	1,440					18	20	RCPT. - IT / ELEC.	
STEP MILL	20	19	1,440					20	20	FLOOR RCPT.	
STEP MILL	20	21	1,440					22	20	FLOOR RCPT.	
MOTION TRAINER	20	23	1,440					24	20	RCPTS. - GENERAL	
MOTION TRAINER	20	25	1,440					26	30	HP-1	
ELLIPTICAL	20	27	2,380					28	2	1/2HP + 3.6KW	
ELLIPTICAL	20	29	1,440					30	20	EF#1 - #4	
ELLIPTICAL	20	31	1,440					32	20	COND. PUMPS	
ELLIPTICAL	20	33	1,440					34	20	HVAC MANT. RCPT.	
*USB. RCPTS - EAST	20	35	1,260					36	20	ELEC. DOOR STRIKE	
*USB. RCPTS - EAST	20	37	1,260					38	20	ELEC. DOOR STRIKE	
*USB. RCPTS - EAST	20	39	1,260					40	20	EWC	
*USB. RCPTS - EAST	20	41	1,680					42	20	SPARE	
*USB. RCPTS - WEST	20	43	400					44	20	SPARE	
SPARE	20	45						46	20	SPARE	
SPARE	20	47						48	20	SPARE	
SPARE	20	49						50	20	SPARE	
SPARE	20	51						52	20	HP-1	
SPARE	20	53						54	2		
TOTAL V.A. PER PHASE			15,280.00	14,780.00	14,044.00					10,000 MIN C/B A.I.C	
TOTAL AMP PER PHASE			127.33	123.17	117.03						

* GFCI CIRCUIT BREAKER
 □ THESE HP UNITS REQUIRE (2) SEPARATE ELECTRICAL CONNECTIONS; ONE FOR THE BLOWER & ONE FOR THE HEAT STRIP. PROVIDE SEPARATE BRANCH CIRCUIT

PANEL FH	TYPE	MOUNTING SURFACE	277/480/3Ø/4W						C/B	MAIN 225 MLO	USE AND / OR AREA
			C/B	CIR. NO	Ø A	Ø B	Ø C	CIR. NO			
CU-1	15	1	1,662					2	20	HP-2	
6 MCA	3	3	1,662					4		2 HP + 5 KW	
			2,608					6	3		
CU-2	30	7	5,540					8	20	HP-3	
			2,608					10		2 HP + 5 KW	
20 MCA	3	9	5,540					12	3		
			2,608					14	20	WATER HEATER	
CU-3	30	13	5,540					16		12 KW	
			4,000					18	3		
20 MCA	3	15	5,540					20			
			4,000					22	20	LIGHTS - WEST	
* LIGHTS - EAST	20	19						24	20	LIGHTS - GYM	
								26	20	HP-2	
* LIGHTS - EAST	20	21						28			
								30	3		
* LIGHTS - EAST	20	23						32	20	HP-3	
								34			
* LIGHTS - EAST	20	25						36	3		
								38	100	TRANSFORMER 'FT'	
SPARE	20	27						40		75 KVA	
								42	3		
SPARE	20	29									
SPARE	20	31									
SPARE	20	33									
SPARE	20	35									
SPARE	20	37									
SPARE	20	39	15,280								
SPARE	20	41									
TOTAL V.A. PER PHASE			37,238.00	36,738.00	36,002.00					10,000 MIN C/B A.I.C	
TOTAL AMP PER PHASE			134.43	132.83	129.97						

* VIA TIME CLOCK PER 2015 IECC
 □ THESE HP UNITS REQUIRE (2) SEPARATE ELECTRICAL CONNECTIONS; ONE FOR THE BLOWER & ONE FOR THE HEAT STRIP. PROVIDE SEPARATE BRANCH CIRCUIT HOMERUNS. LOADS SHOWN ARE TOTAL LOAD.



1 ENLARGED POWER FLOOR PLAN
 GYM 5,125 SQ. FT. SCALE: 1/4"=1'-0"

EMPLOYEE FITNESS & WELLNESS CENTER
 500 E SAN ANTONIO ST. EL PASO, TEXAS

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 ENLARGED FLOOR PLAN

TYPE	MANUFACTURER	CATALOG NUMBER	LAMP DETAILS	MOUNTING	NOTES
A	EATON	24CZ-LD5-40SE-UNV-L840-CD1-U / DF-24W-U	4000K - 32.6 WATTS	RECESSED - GYP	
AEM	EATON	24CZ-LD5-40SE-UNV-EL14W-L840-CD1-U / DF-24W-U	4000K - 32.6 WATTS	RECESSED - GYP	INTEGRAL EMERGENCY
B	EATON	24CZ-LD5-32SE-UNV-L840-CD1-U / DF-22W-U	4000K - 30.5 WATTS	RECESSED - GYP	
C	DELRAY	IL791-STD FINISH-C-W40-M-(P/SR-S/SR)	4000K - 64.5 WATTS	SUSPENDED	
CEM	DELRAY	IL791-STD FINISH-C-W40-M-(P/SR-S/SR)-EM12	4000K - 64.5 WATTS	SUSPENDED	INTEGRAL EMERGENCY
D	EATON	P0615D010B / PDM6B840 / 61VC	4000K - 14.3 WATTS	RECESSED - GYP	
G	EATON	PR8R40D010 / PR8M34MDMW / PR8TH / ABR10P	FIELD SELECTABLE - 43 WATTS	RECESSED	
H	LIGMAN	UVT-20003-110WLG-T4-W40-STD FINISH-120/277V	4000K - 110 WATTS	POLE MTD - 12"	
H1	LIGMAN	UVT-20013-110WLG-T1/T4-W40-STD FINISH -120/277V	4000K - 110 WATTS	POLE MTD - 12"	
J	VISTA PRO	1043-STD FINISH-VNS-30-B-MV-ND	3000K - 15.7 WATTS	SURFACE	
F	LIGHTWAY	PDSW-5-LED-U-8W-4-STD FINISH-WFA-39	4000K - 8 WATTS	WALL	OPTION FOR EM BATTERY - 'BB10'
X1	EVENLITE	TLP-R-2U-W-SD	-	SURFACE	
X2	EVENLITE	SLV-20-XTB	-	SURFACE	
COS	EATON	OAC-DT-1000	-	CEILING	
OS	EATON	VSW-P-010-W	-	WALL	

- NOTES:
1. ALL DRIVERS SHALL HAVE A FULL 5-YEAR WARRANTY, INCLUDING PARTS AND LABOR.
 2. ALL LED FIXTURES SHALL BE 0-10V FULLY DIMMABLE DOWN TO 1%.
 3. IT IS THE CONTRACTOR RESPONSIBILITY TO FURNISH DRIVERS THAT ARE COMPATIBLE WITH THE DIMMING SYSTEM.
 4. ALL FIXTURES SHALL BE UNIVERSAL VOLTAGE SUITABLE FOR 120V OR 277V IN THE FIELD.
 5. ALL LIGHTING AND LIGHTING CONTROLS SHALL BE PROGRAMMED AND COMMISSIONED BY THE MANUFACTURER'S FACTORY-AUTHORIZED PERSONNEL. PROVIDE TRAINING FOR OWNER AS REQUIRED.
 6. ALL LED LAMPS SHALL BE 3500K.

- ### KEYED NOTES
1. REMOVE EXISTING POLE FIXTURE AND INSTALL NEW TYPE 'H' OR 'H1' FIXTURE. CONNECT TO EXISTING BRANCH CIRCUIT. VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO INSTALLATION. REMOVE EXISTING FOOTING AND ANCHOR BOLTS, AND PROVIDE NEW FOOTING AND NEW ANCHOR BOLTS AS REQUIRED.
 2. REMOVE EXISTING RECESSED DOWNLIGHT IN UPPER FLOOR EXTERIOR SOFFIT AND INSTALL NEW TYPE 'G' FIXTURE. CONNECT TO EXISTING CIRCUIT. PATCH AND REPAIR ALL EXISTING CEILING AND FINISHES THAT WERE DAMAGED DURING INSTALLATION. VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO INSTALLATION.
 3. WEATHER-PROOF JUNCTION BOX FOR 120 VOLT POWER TO ELECTRIC DOOR STRIKE. VERIFY LOCATION IN FIELD.
 4. NEW TACTILE, NON-ENERGIZED EXIT SIGN. REFER TO LIGHT FIXTURE SCHEDULE.
 5. ROUTE THE CONDUITS FOR THE POWER, VOICE/DATA CABLING, AND LIGHTING HORIZONTALLY ALONG THESE WALLS AS DIRECTED BY THE ARCHITECT AND THE OWNER. IN GENERAL, THE CONDUITS SHALL RUN FROM BOX-TO-BOX AS MUCH AS POSSIBLE. VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO BIDDING. ALL CONDUIT, BOXES, FITTINGS, ETC. SHALL BE PAINTED IN COLOR AS DIRECTED BY THE ARCHITECT.



EMPLOYEE FITNESS & WELLNESS CENTER

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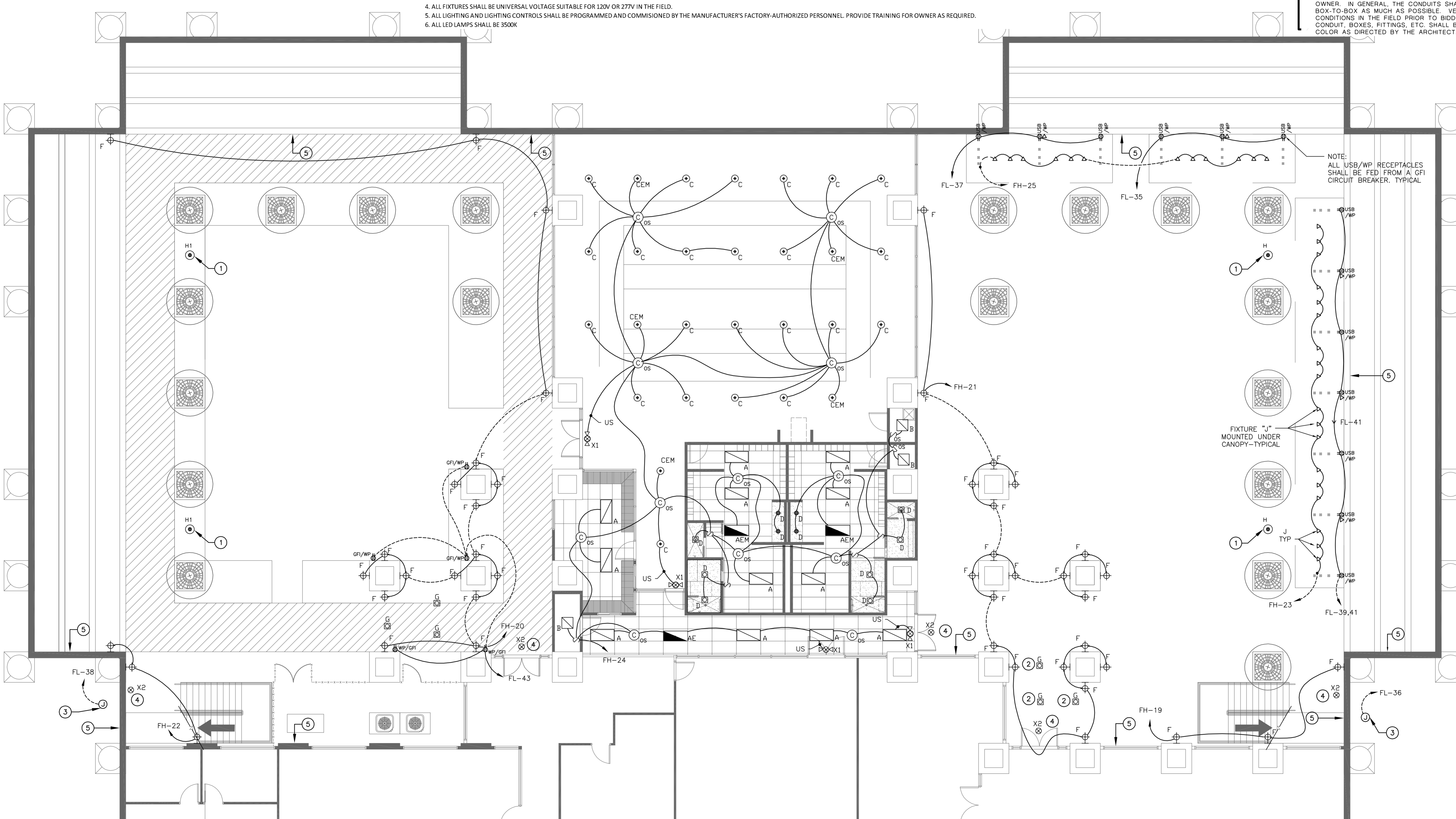
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ELECTRICAL PLANS

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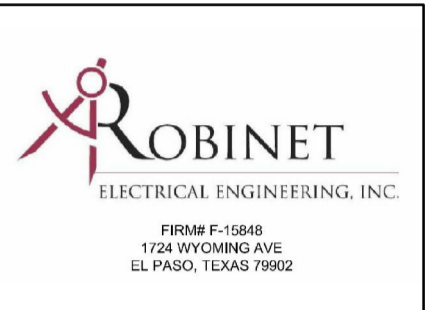
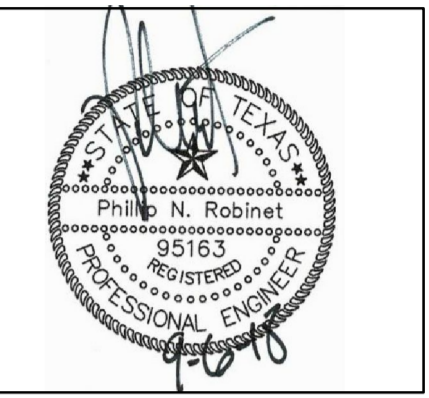
2016-25 COURT HOUSE FITNESS CENTER - CONSTRUCTION DOCUMENTS



1 ENLARGED ELECTRICAL PLAN
WEST COURTYARD
SCALE: 1/8"=1'-0"

2 ENLARGED ELECTRICAL PLAN
FITNESS AREA
SCALE: 1/8"=1'-0"

3 ENLARGED ELECTRICAL PLAN
EAST COURTYARD
SCALE: 1/8"=1'-0"



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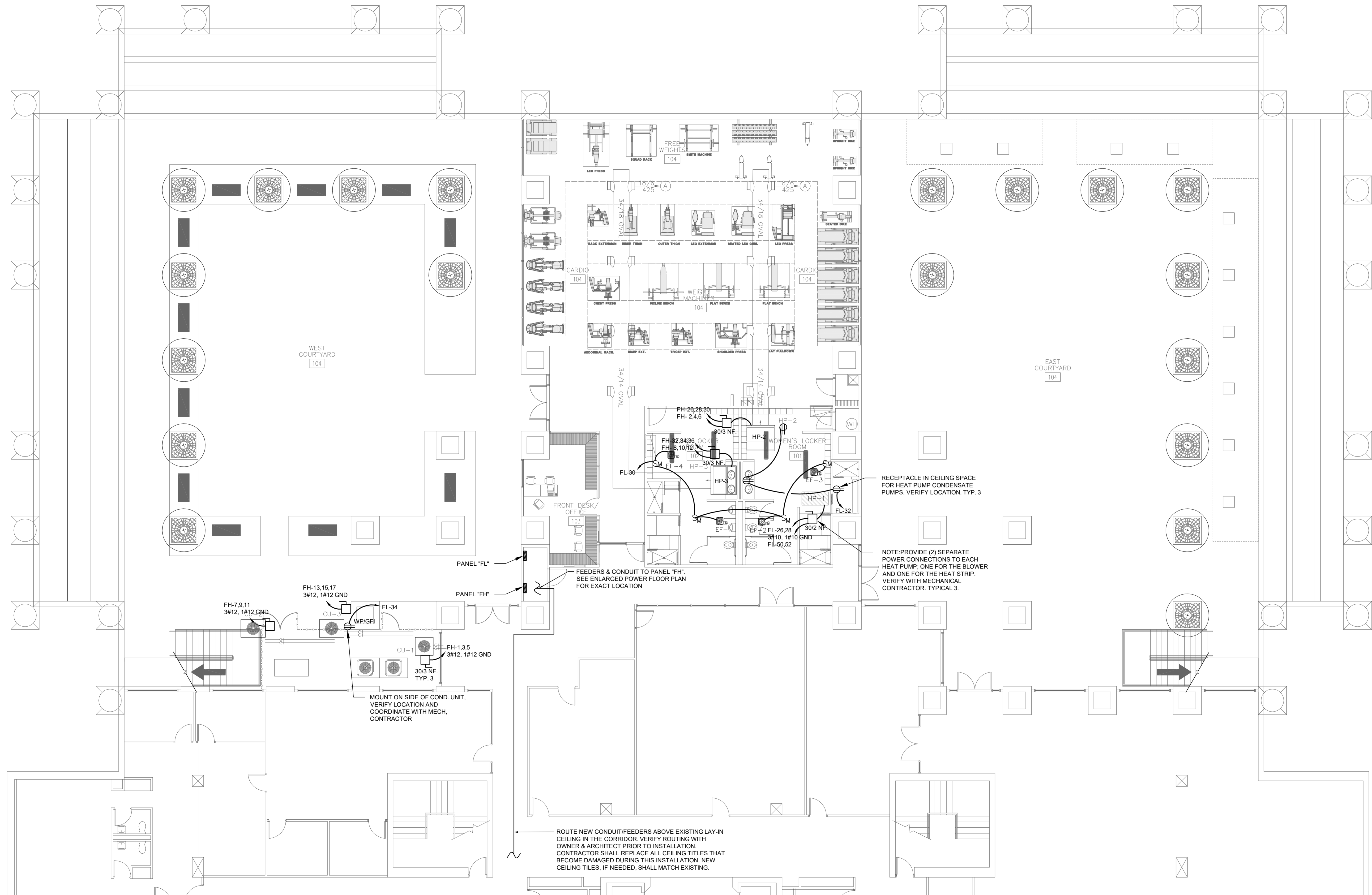
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 OVERALL HVAC EQUIPMENT PLAN

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PANEL "FL"

PANEL "FH"

FEEDERS & CONDUIT TO PANEL "FH".
 SEE ENLARGED POWER FLOOR PLAN FOR EXACT LOCATION

MOUNT ON SIDE OF COND. UNIT.
 VERIFY LOCATION AND
 COORDINATE WITH MECH.
 CONTRACTOR

RECEPTACLE IN CEILING SPACE
 FOR HEAT PUMP CONDENSATE
 PUMPS. VERIFY LOCATION. TYP. 3

NOTE: PROVIDE (2) SEPARATE
 POWER CONNECTIONS TO EACH
 HEAT PUMP. ONE FOR THE BLOWER
 AND ONE FOR THE HEAT STRIP.
 VERIFY WITH MECHANICAL
 CONTRACTOR. TYPICAL 3.

ROUTE NEW CONDUIT/FEEDERS ABOVE EXISTING LAY-IN
 CEILING IN THE CORRIDOR. VERIFY ROUTING WITH
 OWNER & ARCHITECT PRIOR TO INSTALLATION.
 CONTRACTOR SHALL REPLACE ALL CEILING TILES THAT
 BECOME DAMAGED DURING THIS INSTALLATION. NEW
 CEILING TILES, IF NEEDED, SHALL MATCH EXISTING.



1 OVERALL POWER PLAN - HVAC EQUIPMENT
 EXISTING LOWER LEVEL SCALE: 1/8"=1'-0"