

NOTES BY SYMBOL " O "

1. RELOCATE DIFFUSER OR RETURN AIR GRILLE TO LOCATION INDICATED TO FIT INTO NEW CEILING GRID. REBALANCE TO AIR QUANTITY INDICATED.
2. NEW 24"x24" LAY-IN CEILING PERFORATED FACE RETURN AIR GRILLE EQUAL TO TITUS MODEL PXP.
3. NEW 24"x24" PERFORATED FACE SUPPLY AIR DIFFUSER EQUAL TO TITUS MODEL PCS WITH VOLUME DAMPER, NECK SIZE SAME AS INDICATED DUCT CONNECTION.
4. NEW 10"x10" PERFORATED FACE EXHAUST AIR GRILLE EQUAL TO TITUS MODEL 8F WITH VOLUME DAMPER.
5. DEMOLISH EXISTING EXHAUST GRILLE MODIFY DUCT TO ACCEPT DUCT CONNECTION FROM NEW TOILET LOCATION. MOVE EXHAUST FAN CONTROL TO NEW TOILET LOCATION.
6. CONNECT TO EXISTING SUPPLY AIR DUCT, FIELD VERIFY EXACT LOCATION, DUCT CONNECTION POINT MUST BE A MINIMUM OF 10" DEEP.
7. DEMOLISH EXHAUST GRILLE AND CONNECTED DUCT. PROVIDE NEW EXHAUST DUCTWORK FOR NEW GRILLES.
8. EXISTING EXHAUST FAN FIELD VERIFY EXACT LOCATION AND ROUTE NEW DUCTS TO THAT LOCATION.
9. RECONNECT EXISTING TOILET EXHAUST GRILLE AND DUCT TO EXHAUST SYSTEM.
10. GREENHECK MODEL SP-80-QD OR EQUAL ABOVE CEILING MOUNTED EXHAUST FAN OR EQUAL 54 WATTS 120V/1 PHASE MOTOR 55 CFM @ .5" STATIC COMPLETE WITH WC-4 HOODED WALL DISCHARGE VENT AND ENTREGAL EXHAUST GRILLE. CONTROL WITH SWITCH NEXT TO LIGHT SWITCH.
11. RETURN AIR GRILLE OR SUPPLY AIR DIFFUSER TO BE RELOCATED WHERE NEW ARE INDICATED.



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FLOOR PLAN - MECHANICAL

NO.	REVISION FOR	DATE

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1295 PEARL STREET
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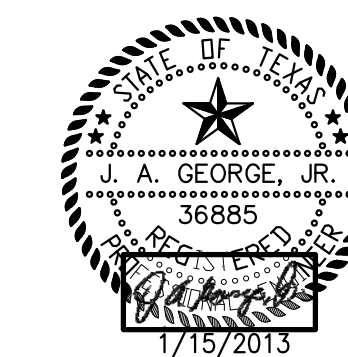
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HVAC GENERAL NOTES

1. FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE COMPLETE AND OPERABLE HVAC SYSTEMS WITH ALL ITEMS AND APPURTENANCES NECESSARY EVEN THOUGH NOT SPECIFICALLY CALLED OUT.
2. COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
3. ALL SUPPLY AIR DUCTWORK (EXCEPT WHERE INDICATED OTHERWISE) SHALL BE INSULATED WITH 1" THICK 0.75 LB/CF FSK WRAP INSULATION. WHERE DUCTWORK HAS INTERNAL LINER, 1" WRAP INSULATION MAY BE OMITTED.
4. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. INSTALL TURNING VANES IN ALL DUCTWORK ELBOWS.
5. ALL WORK AND/OR MATERIALS SHALL BE INSTALLED BY A LICENSED CONTRACTOR AND SHALL CONFORM TO ALL APPLICABLE NATIONAL AND LOCAL BUILDING AND MECHANICAL CODES.
6. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION AND ROUTING OF DUCTWORK WITH REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING LAYOUT.
7. INSTALL 1" THICK ACOUSTICAL DUCT LINER IN ALL RETURN AIR PLENUMS AND FIRST 15 FEET OF SUPPLY AND RETURN DUCTWORK FOR EACH AIR HANDLING SYSTEM. ALL DUCT SIZES SHOWN ON PLANS ARE NET INSIDE CLEAR DIMENSIONS.
8. FLEXIBLE DUCT MAY BE USED AT ALL AIR DEVICE CONNECTIONS BUT MAY NOT EXCEED 5' IN LENGTH.
9. ALL DUCT RUN OUTS NOT SIZED ON THE PLANS SHALL BE THE SAME SIZE AS THE AIR DEVICE NECK.
10. CLEAN AND REPAINT EXISTING DIFFUSERS AND GRILLES BEING REUSED.

HVAC LEGEND

- FUTURE DUCTWORK, GRILLES PIPING AND EQUIPMENT
 DUCTWORK
 CEILING SUPPLY AIR DIFFUSER WITH FLEXIBLE DUCT CONNECTION
 RETURN OR EXHAUST GRILLE
 SIDEWALL RETURN AIR GRILLE
 ROUND FLEXIBLE DUCTWORK 4' LENGTH MAXIMUM
 TEMPERATURE SENSOR
 VOLUME DAMPER
 FIRE DAMPER
 MOTORIZED CONTROL DAMPER
 CONDENSATE DRAIN
 DUCT SMOKE DETECTOR
 DIFFUSER OR GRILLE DESIGNATION
 TYPE — CFM



NOTES AND SYMBOLS — MECHANICAL

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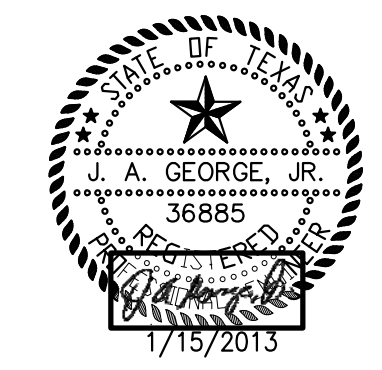
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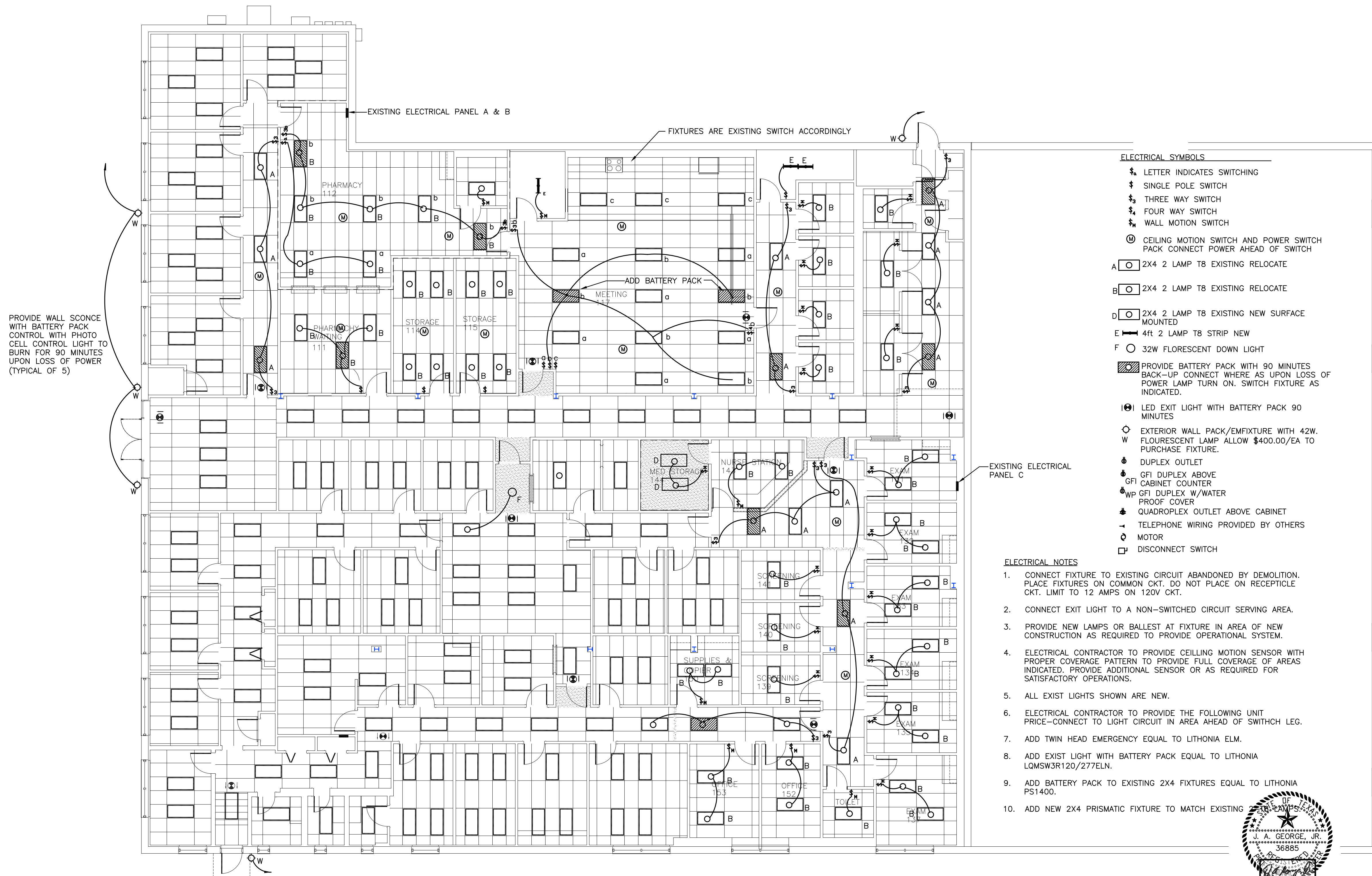


DEMOLITION FLOOR PLAN — ELECTRICAL

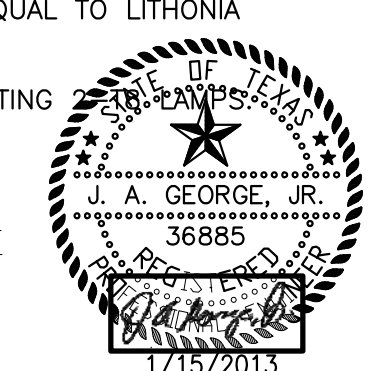


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- #### ELECTRICAL SYMBOLS
- Ⓐ LETTER INDICATES SWITCHING
 - † SINGLE POLE SWITCH
 - ‡ THREE WAY SWITCH
 - ⌵ FOUR WAY SWITCH
 - Ⓜ WALL MOTION SWITCH
 - Ⓧ CEILING MOTION SWITCH AND POWER SWITCH PACK CONNECT POWER AHEAD OF SWITCH
 - Ⓚ 2X4 2 LAMP T8 EXISTING RELOCATE
 - Ⓛ 2X4 2 LAMP T8 EXISTING RELOCATE
 - Ⓧ 2X4 2 LAMP T8 EXISTING NEW SURFACE MOUNTED
 - Ⓦ 4ft 2 LAMP T8 STRIP NEW
 - Ⓨ 32W FLOURESCENT DOWN LIGHT
 - ☒ PROVIDE BATTERY PACK WITH 90 MINUTES BACK-UP CONNECT WHERE AS UPON LOSS OF POWER LAMP TURN ON. SWITCH FIXTURE AS INDICATED.
 - Ⓣ LED EXIT LIGHT WITH BATTERY PACK 90 MINUTES
 - Ⓤ EXTERIOR WALL PACK/EMFIXTURE WITH 42W FLOURESCENT LAMP ALLOW \$400.00/EA TO PURCHASE FIXTURE.
 - Ⓡ DUPLEX OUTLET
 - Ⓡ GFI DUPLEX ABOVE
 - Ⓡ GFI CABINET COUNTER
 - Ⓡ WP GFI DUPLEX W/WATER PROOF COVER
 - Ⓡ QUADROPLEX OUTLET ABOVE CABINET
 - ☎ TELEPHONE WIRING PROVIDED BY OTHERS
 - Ⓜ MOTOR
 - Ⓢ DISCONNECT SWITCH
- #### ELECTRICAL NOTES
1. CONNECT FIXTURE TO EXISTING CIRCUIT ABANDONED BY DEMOLITION. PLACE FIXTURES ON COMMON CKT. DO NOT PLACE ON RECEIPTCLE CKT. LIMIT TO 12 AMPS ON 120V CKT.
 2. CONNECT EXIT LIGHT TO A NON-SWITCHED CIRCUIT SERVING AREA.
 3. PROVIDE NEW LAMPS OR BALLEST AT FIXTURE IN AREA OF NEW CONSTRUCTION AS REQUIRED TO PROVIDE OPERATIONAL SYSTEM.
 4. ELECTRICAL CONTRACTOR TO PROVIDE CEILING MOTION SENSOR WITH PROPER COVERAGE PATTERN TO PROVIDE FULL COVERAGE OF AREAS INDICATED. PROVIDE ADDITIONAL SENSOR OR AS REQUIRED FOR SATISFACTORY OPERATIONS.
 5. ALL EXIST LIGHTS SHOWN ARE NEW.
 6. ELECTRICAL CONTRACTOR TO PROVIDE THE FOLLOWING UNIT PRICE-CONNECT TO LIGHT CIRCUIT IN AREA AHEAD OF SWITCH LEG.
 7. ADD TWIN HEAD EMERGENCY EQUAL TO LITHONIA ELM.
 8. ADD EXIST LIGHT WITH BATTERY PACK EQUAL TO LITHONIA LQMSW3R120/277ELN.
 9. ADD BATTERY PACK TO EXISTING 2X4 FIXTURES EQUAL TO LITHONIA PS1400.
 10. ADD NEW 2X4 PRISMATIC FIXTURE TO MATCH EXISTING



LIGHTING FLOOR PLAN – ELECTRICAL

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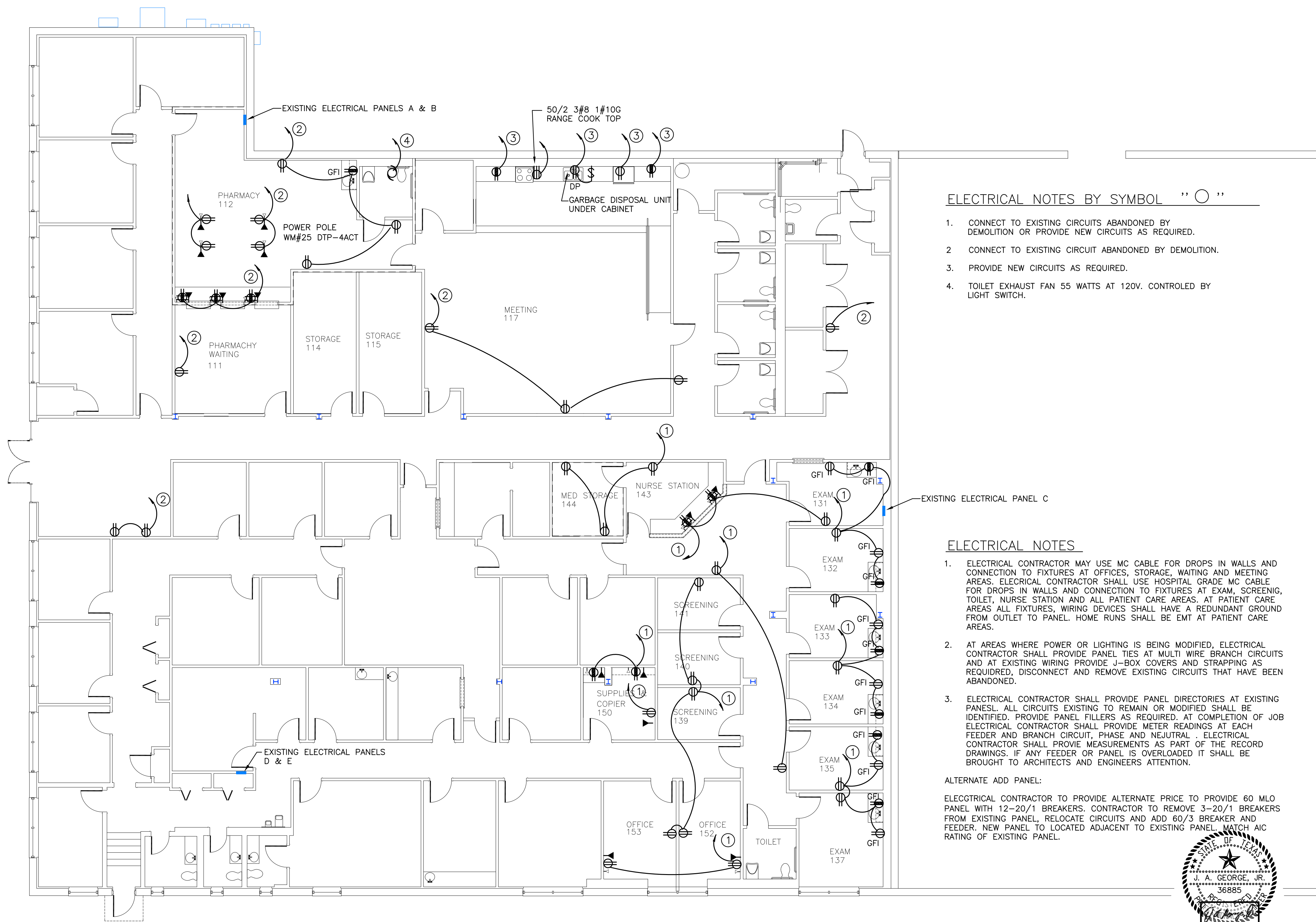
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ELECTRICAL NOTES BY SYMBOL " ○ "

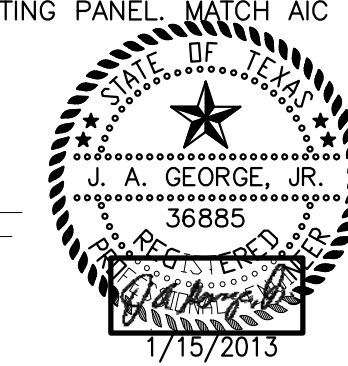
- CONNECT TO EXISTING CIRCUITS ABANDONED BY DEMOLITION OR PROVIDE NEW CIRCUITS AS REQUIRED.
- CONNECT TO EXISTING CIRCUIT ABANDONED BY DEMOLITION.
- PROVIDE NEW CIRCUITS AS REQUIRED.
- TOILET EXHAUST FAN 55 WATTS AT 120V. CONTROLLED BY LIGHT SWITCH.

ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR MAY USE MC CABLE FOR DROPS IN WALLS AND CONNECTION TO FIXTURES AT OFFICES, STORAGE, WAITING AND MEETING AREAS. ELECTRICAL CONTRACTOR SHALL USE HOSPITAL GRADE MC CABLE FOR DROPS IN WALLS AND CONNECTION TO FIXTURES AT EXAM, SCREENING, TOILET, NURSE STATION AND ALL PATIENT CARE AREAS. AT PATIENT CARE AREAS ALL FIXTURES, WIRING DEVICES SHALL HAVE A REDUNDANT GROUND FROM OUTLET TO PANEL. HOME RUNS SHALL BE EMT AT PATIENT CARE AREAS.
- AT AREAS WHERE POWER OR LIGHTING IS BEING MODIFIED, ELECTRICAL CONTRACTOR SHALL PROVIDE PANEL TIES AT MULTI WIRE BRANCH CIRCUITS AND AT EXISTING WIRING PROVIDE J-BOX COVERS AND STRAPPING AS REQUIRED, DISCONNECT AND REMOVE EXISTING CIRCUITS THAT HAVE BEEN ABANDONED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE PANEL DIRECTORIES AT EXISTING PANELS. ALL CIRCUITS EXISTING TO REMAIN OR MODIFIED SHALL BE IDENTIFIED. PROVIDE PANEL FILLERS AS REQUIRED. AT COMPLETION OF JOB ELECTRICAL CONTRACTOR SHALL PROVIDE METER READINGS AT EACH FEEDER AND BRANCH CIRCUIT, PHASE AND NEUTRAL. ELECTRICAL CONTRACTOR SHALL PROVIDE MEASUREMENTS AS PART OF THE RECORD DRAWINGS. IF ANY FEEDER OR PANEL IS OVERLOADED IT SHALL BE BROUGHT TO ARCHITECTS AND ENGINEERS ATTENTION.

ALTERNATE ADD PANEL:

ELECTRICAL CONTRACTOR TO PROVIDE ALTERNATE PRICE TO PROVIDE 60 MLO PANEL WITH 12-20/1 BREAKERS. CONTRACTOR TO REMOVE 3-20/1 BREAKERS FROM EXISTING PANEL, RELOCATE CIRCUITS AND ADD 60/3 BREAKER AND FEEDER. NEW PANEL TO LOCATED ADJACENT TO EXISTING PANEL. MATCH AIC RATING OF EXISTING PANEL.



POWER FLOOR PLAN – ELECTRICAL

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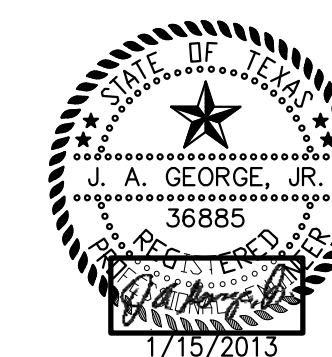
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NOTES BY SYMBOL "○"

1. DEMOLISH PLUMBING FIXTURE AND CONNECTED PLUMBING. MODIFY PIPING AS REQUIRED TO INSTALL NEW FIXTURES. CONVEY EXISTING FIXTURES AND VALVES TO OWNER FOR REUSE OR DISPOSAL.
2. EXISTING PLUMBING FIXTURE TO REMAIN.
3. REMOVE ELECTRIC WATER COOLER AND PREPARE PLUMBING FOR NEW UNIT.
4. DEMOLISH PLUMBING FIXTURE AND CONNECTED PLUMBING. CAP WASTE LINE BELOW FINISHED FLOOR. CAP WATER LINES AND VENT LINES ABOVE CEILING. CONVEY FIXTURES AND VALVES TO OWNER FOR REUSE AND DISPOSAL.



DEMOLITION FLOOR PLAN — PLUMBING

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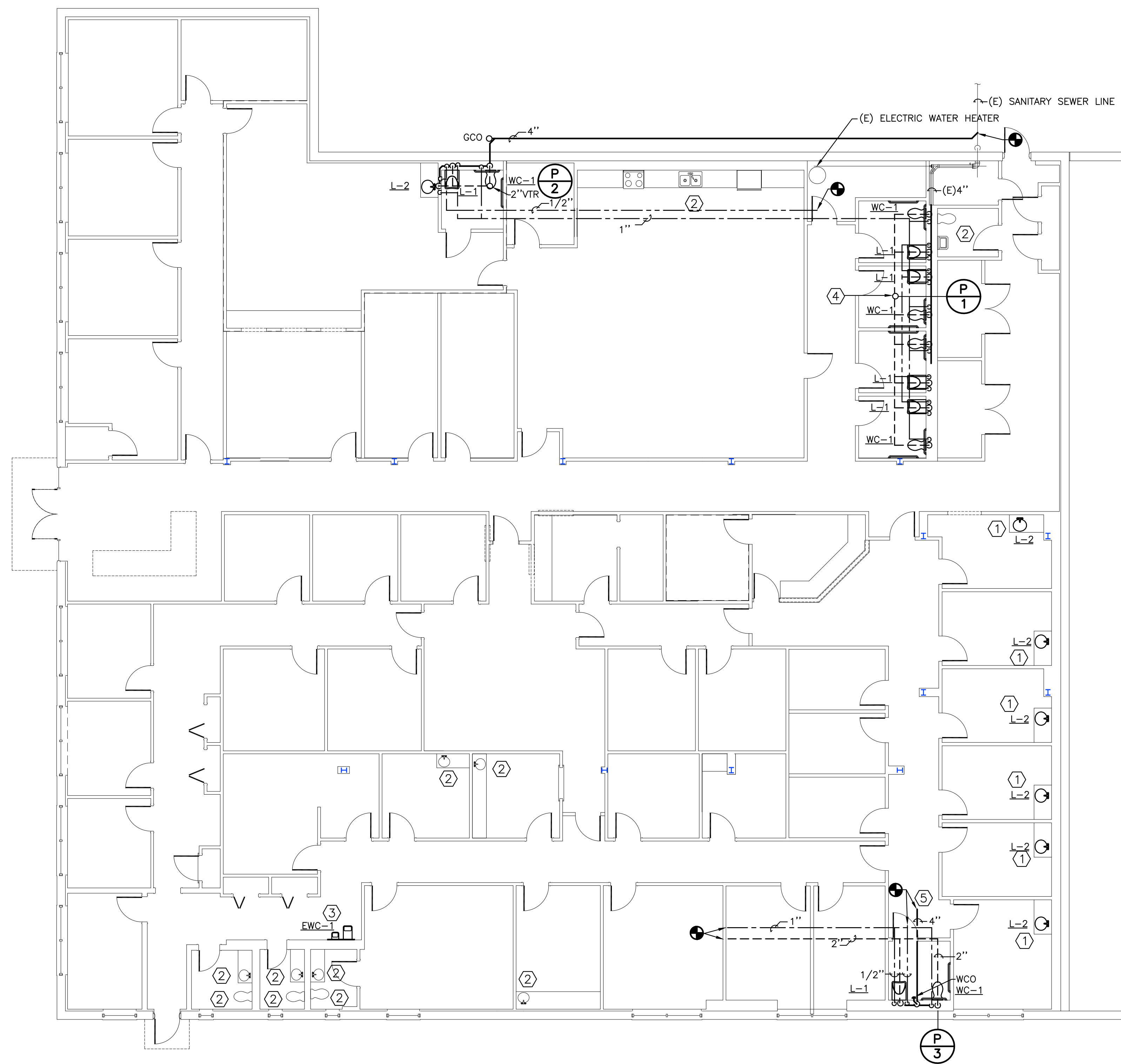
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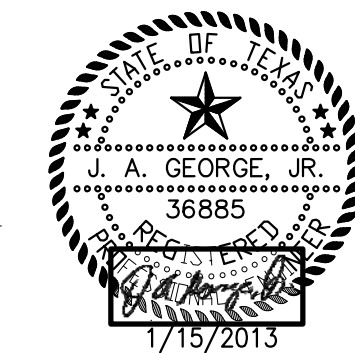


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- NOTES BY SYMBOL " ⬡ "
- ROUTE PLUMBING IN WALL TO NEW LOCATION OF FIXTURE, 2" WASTE, 1 1/2" VENT, 1/2" HOT AND COLD WATER.
 - EXISTING PLUMBING FIXTURE AND PLUMBING PIPING TO REMAIN CONNECTED TO SYSTEM.
 - EXISTING ELECTRIC WATER COOLER LOCATION MODIFY PLUMBING AS REQUIRED FOR NEW BILEVEL UNIT MOUNTED AT ADA HEIGHTS.
 - EXISTING 4" VTR, FIELD VERIFY LOCATION AND ROUTE VENT LINES TO THAT LOCATION.
 - CONNECT TO EXISTING 4" SANITARY SEWER AND 1/2" HOT WATER LINE. FIELD VERIFY LOCATIONS AND SIZES BEFORE BEGINNING CONSTRUCTION.

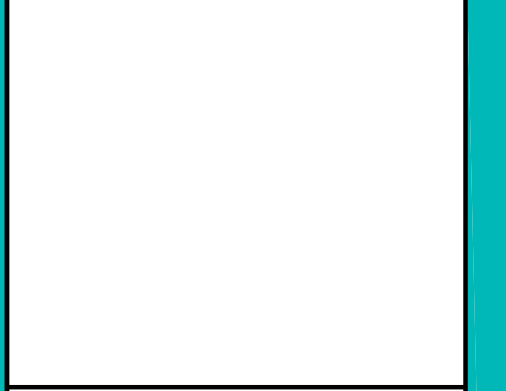


FLOOR PLAN — PLUMBING

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