





NEW WORK
BASEMENT FLOOR PLAN – POWER

- ## NEW WORK KEYED NOTES:
- (THIS SHEET ONLY)
- ① EXISTING MOTOR CONTROL CENTER REMAIN.
 - ② EXISTING BUILDING PANELS TO REMAIN
 - ③ EXISTING DRY TYPE TRANSFORMER TO REMAIN.
 - ④ ROUTE NEW PANEL FEEDERS OVERHEAD ACROSS MECHANICAL ROOM CEILING TO ADJACENT WALL AS SHOWN. COORDINATE EXACT ROUTING IN FIELD WITH EXISTING CONDITIONS.
 - ⑤ ROUTE NEW CONDUITS DOWN WALL TO AREA BELOW EXISTING FIRST FLOOR SLAB AND TURN INTO CRAWLSPACE. COORDINATE EXACT ELEVATION AND LOCATION WITH EXISTING CONDITIONS PRIOR TO ROUGH-IN. SEAL WALL PENETRATIONS.
 - ⑥ ROUTE CONDUITS THROUGH CRAWLSPACE AND OVER TO BELOW NEW PANEL 74-P2 AND 74-P3 AND TURN UP INTO NEW PANEL. REFER TO EP102 FOR ADDITIONAL INFORMATION. COORDINATE EXACT ROUTING WITH CRAWLSPACE PIPING AND STRUCTURE PRIOR TO ROUGH-IN.
 - ⑦ PROVIDE A NEW FEEDER AS SHOWN ON RISER DIAGRAM REFERENCED WITH NOTE 5.
 - ⑧ PROVIDE A NEW DISCONNECT AS SHOWN ON RISER DIAGRAM REFERENCED WITH NOTE 9.
 - ⑨ PROVIDE A NEW FEEDER WITH 3#10;10;3/4" TO 74-MCC TO SERVE 480V/3PH, 10 HP VFD. REFER TO NOTE 10 FOR FURTHER INFORMATION.
 - ⑩ REPLACE STARTERS SERVING CHILLED WATER PUMPS WITH 2 NEW 30 AMP/3 POLE BREAKERS TO SERVE NEW CHILLED WATER PUMPS. EXISTING PUMPS ARE SERVED WITH STARTERS LABELED CHWP-1 AND CHWP-2.. EXISTING STARTER BUCKETS SHALL BE UTILIZED TO SERVE NEW BREAKERS. COORDINATE EXACT MAKE AND TYPE OF BREAKER WITH MOTOR CONTROL CENTER MANUFACTURER PRIOR TO ORDERING BREAKER.
 - ⑪ PROVIDE A NEW FEEDER AS SHOWN ON RISER DIAGRAM REFERENCED WITH NOTE 6.

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						Approved: Project Director		Location LAKE CITY, FL		Building Number 74		Drawing Number EP101			
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										Date 04-25-2013		Checked JFM		Drawn XXX	
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