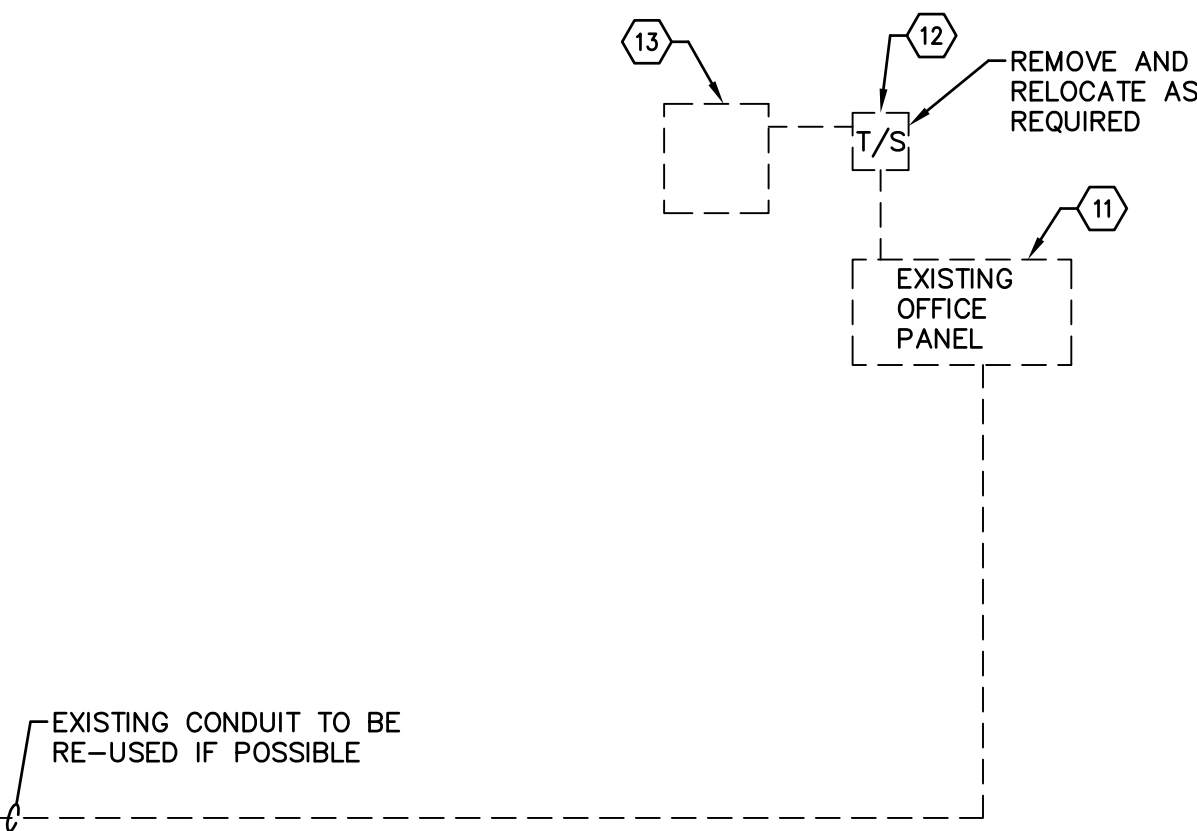
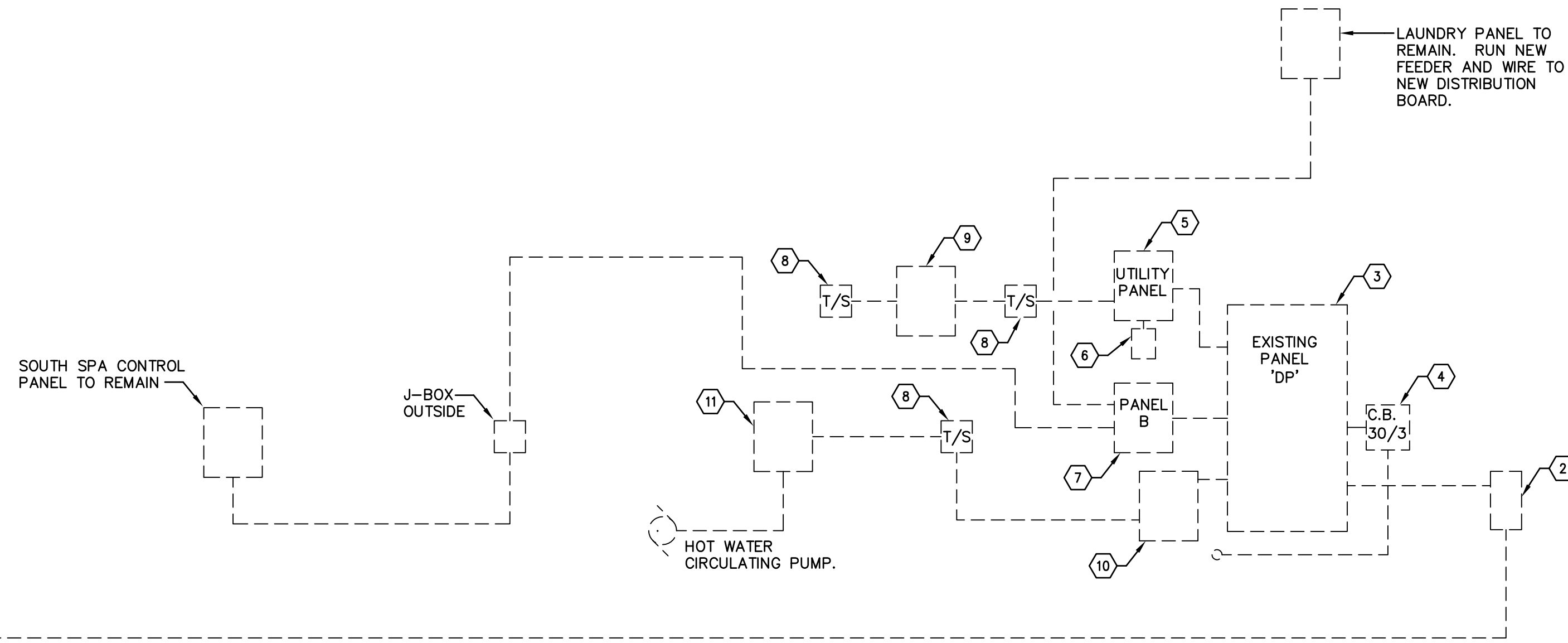


NORTH BLDG. EXISTING SINGLE LINE DIAGRAM
SCALE: NO SCALE



OFFICE AREA EXISTING SINGLE LINE DIAGRAM
SCALE: NO SCALE

- KEYED NOTES**
- EXISTING UTILITY COMPANY CONDUCTORS TO REMAIN. REMOVE SECTIONS OF RISER RUNNING UP. SEE NEW RISER DIAGRAM FOR CONNECTION TO CT. CABINET.
 - EXISTING SERVICE ENTRANCE CONDUCTORS TO BE REPLACED.
 - EXISTING WIREWAY AND FEEDER CONDUCTORS TO BE REMOVED.
 - EXISTING WIREWAY MAY BE REUSED TO ACCESS EXISTING BRANCH CIRCUITS OR REMOVE AND EXTEND EXISTING CONDUITS TO NEW PANELS
 - EXISTING 200 AMP BREAKER PANEL TO BE REMOVED AND REPLACED.
 - EXISTING 400 AMP MAIN DISCONNECT SWITCH TO BE REPLACED WITH NEW DISTRIBUTION BOARD.
 - EXISTING WIREWAY IN POOR CONDITION. REMOVE AND EXTEND EXISTING CIRCUITS THAT REMAIN IN USE.
 - EXISTING 100 AMP FUSED DISCONNECT SWITCH. DETERMINE IF CIRCUIT/FEEDER IS STILL ACTIVE AND EXTEND TO NEW DISTRIBUTION BOARD.
 - EXISTING TIME SWITCH WITH CIRCUITS FOR OVERHEAD LIGHTS AND SUMP PUMP. EXTEND NEW CONDUIT AND WIRE TO NEW DISTRIBUTION BOARD.
 - EXISTING DISCONNECT TAPPED IN WIREWAY FOR POOL PUMP. REMOVE DISCONNECT AND EXTEND NEW CONDUIT AND WIRING TO NEW DISTRIBUTION BOARD.
 - EXISTING OFFICE PANEL TO BE REMOVED AND REPLACED. IDENTIFY EXISTING CIRCUITS THAT REMAIN IN USE AND EXTEND TO NEW PANEL-C.
 - EXISTING TIME SWITCH CONTROLLING LIGHTING CIRCUITS. RE-USE TIME SWITCH AND CONNECT TO NEW PANEL-C.
 - EXISTING 4 CIRCUIT PANEL. REMOVE AND EXTEND EXISTING CIRCUITS TO NEW PANEL-C.



SOUTH BLDG. EXISTING SINGLE LINE DIAGRAM
SCALE: NO SCALE

- KEYED NOTES**
- EXISTING UNDERGROUND 3-1/2" CONDUIT TO BE REUSED IF POSSIBLE.
 - EXISTING PULLBOX TO BE REUSED.
 - EXISTING DISTRIBUTION BOARD TO BE REMOVED AND REPLACED WITH NEW DISTRIBUTION BOARDS. SURVEY EXISTING BRANCH CIRCUITS AND PANEL FEEDS. EXTEND ANY AND ALL CIRCUITS THAT REMAIN ACTIVE TO NEW DISTRIBUTION BOARDS.
 - EXISTING LAWN PUMP DISCONNECT SWITCH. DETERMINE WITH OWNER IF STILL IN USE. EXTEND EXISTING FEEDER TO NEW DISTRIBUTION BOARD. INSTALL NEW 3-#10 THWN CU AND 1-#10 CU E.G.
 - EXISTING UTILITY PANEL WITH VARIOUS SMALL BRANCH CIRCUITS. EXTEND EXISTING BRANCH CIRCUIT CONDUITS TO NEW DISTRIBUTION BOARD. INSTALL NEW HOME RUN BRANCH CIRCUIT CONDUCTORS WITH EQUIPMENT GROUNDS.
 - EXISTING PUMP DISCONNECT SWITCH. CAPTURE EXISTING CONDUIT AND EXTEND TO NEW DISTRIBUTION BOARD. INSTALL NEW BRANCH CIRCUIT CONDUCTORS WITH EQUIPMENT GROUND.
 - EXISTING PANEL-B TO BE REMOVED. ALL BRANCH CIRCUIT AND FEEDERS SHALL BE REROUTED TO NEW DISTRIBUTION BOARD. PROVIDE NEW HOMERUN BRANCH CIRCUIT AND FEEDER CONDUCTORS ALONG WITH EQUIPMENT GROUNDS FOR EACH.
 - EXISTING TIME SWITCH TO BE RE-USED. REMOVE AND RE-INSTALL IF CONFLICTS WITH NEW DISTRIBUTION BOARD. RUN NEW CIRCUIT CONDUCTORS TO NEW DISTRIBUTION BOARD ALONG WITH EQUIPMENT GROUNDS.
 - EXISTING PANEL WITH 3-20 AMP., 1 POLE CIRCUITS. RUN NEW CONDUIT AND WIRE THROUGH TIME SWITCH TO NEW DISTRIBUTION BOARD.
 - EXISTING PANEL WITH 2-50 AMP., 2 POLE CIRCUITS. ONE CIRCUIT FEEDS HALLWAY SUB-PANEL NORTH SPA PUMP. RUN NEW FEEDER CONDUCTORS ALONG WITH EQUIPMENT GROUND TO EXISTING SUB-PANEL. PROVIDE EQUIPMENT GROUND BAR IN SUB-PANEL. THE OTHER 50 AMP., 2 POLE CIRCUIT IS NO LONGER REQUIRED TO BE EXTENDED. NEW 20 AMP., 1 POLE CIRCUITS TO FEED EXISTING EQUIPMENT AND DEVICES.
 - REMOVE EXISTING PANEL WITH 2-20 AMP., 2 POLE CIRCUIT BREAKERS. PROVIDE NEW 20 AMP., 1 POLE CIRCUIT BREAKERS, CONDUIT AND WIRE TO FEED EXISTING CIRCULATING PUMP AND RECEPTACLES.

REVISIONS		COMMENTS
NO.	DATE	

RENOVATION/RESTORATION PROJECT

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State of Florida Certificate of Authorization No. 9149

USE THE SET OF THE DRAWINGS AS A WHOLE. CHECK THE PLANS AND SPECIFICATIONS CAREFULLY WITH THE APPLICABLE NATIONAL BUILDING CODES.

ELECTRICAL SINGLE LINE DIAGRAMS

DATE: 02-23-09 DRAWN BY: CSR
JOB NO: 08-132 DESIGN BY: OFB

SHEET NO.
E3.1

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