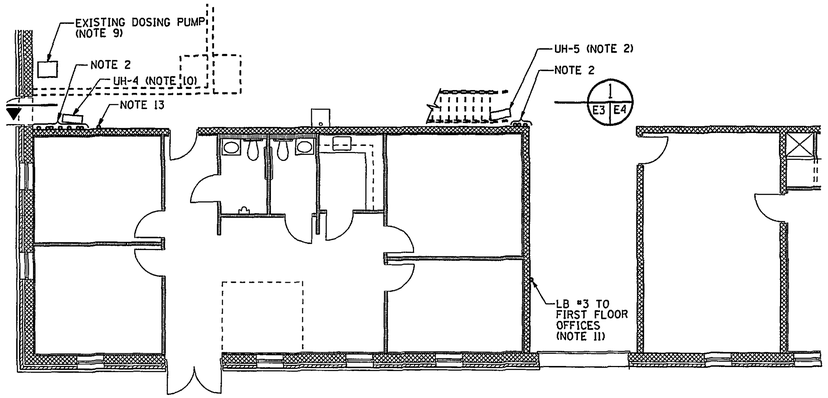
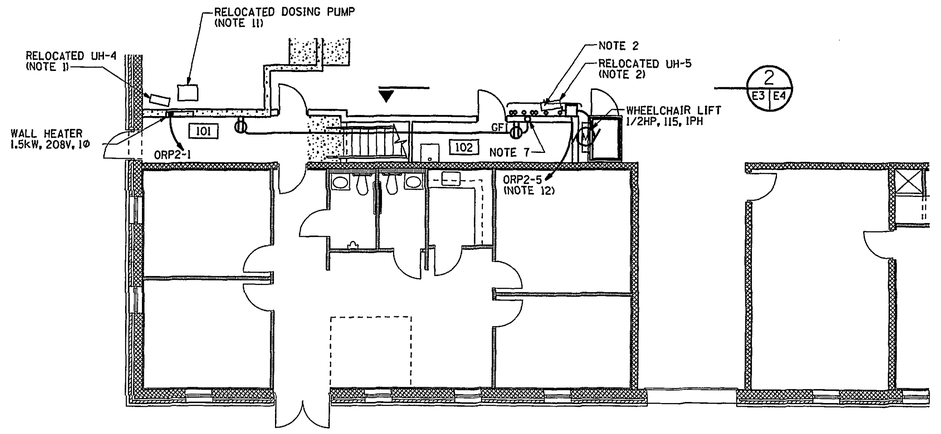


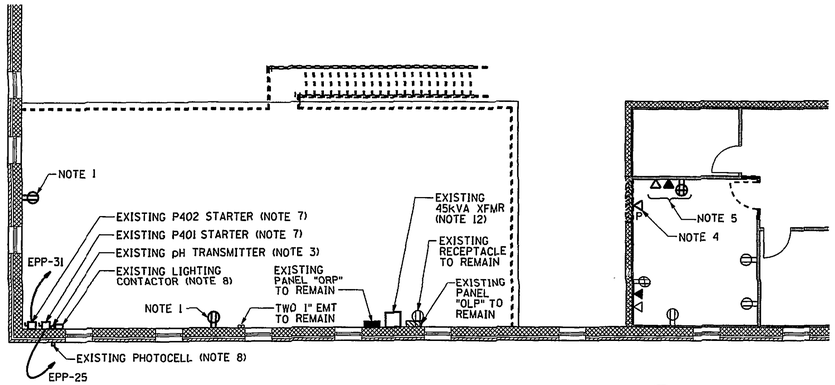
FIRST FLOOR PLAN - POWER - DEMOLITION

SCALE: 1/8" = 1'-0"



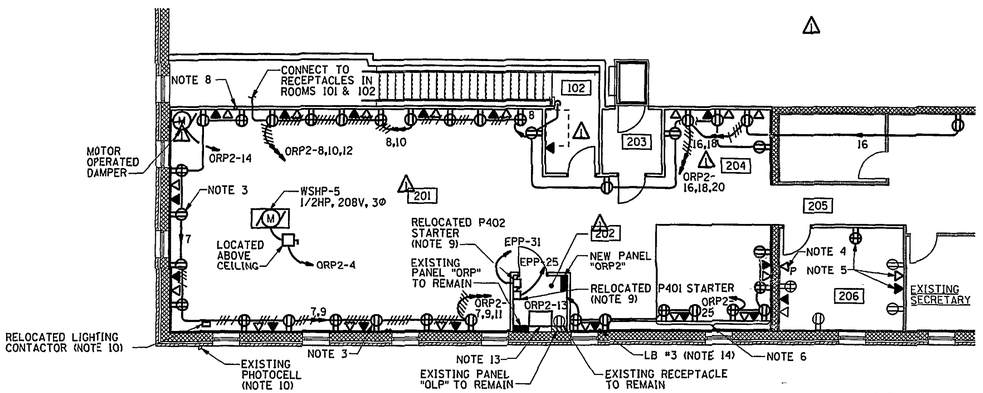
FIRST FLOOR PLAN - POWER - NEW WORK

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN - POWER - DEMOLITION

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN - POWER - NEW WORK

SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

1. REMOVE RECEPTACLE AND SALVAGE FOR REINSTALLATION. REMOVE CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX. SEE SECOND FLOOR NEW WORK DRAWING THIS PAGE FOR REINSTALLATION DETAILS.
2. SEE "ELEVATION - DEMOLITION" ON DRAWING E-4 FOR DETAILS.
3. REMOVE EXISTING pH TRANSMITTER, CONDUIT AND CONDUCTORS. RELOCATE TRANSMITTER FROM NORTH SIDE OF BUILDING TO ROOM 105 CONTROL ROOM ON SOUTH SIDE. COORDINATE WITH OWNER FOR EXACT NEW LOCATION OF TRANSMITTER IN ROOM 105.
4. REMOVE AND SALVAGE EXISTING PLC MONITORING DATA PORT FOR RE-USE. REMOVE CONDUIT, AND CAREFULLY COIL CABLING ABOVE CEILING FOR RE-ROUTING TO NEW LOCATION. SEE SECOND FLOOR NEW WORK DRAWING THIS PAGE FOR RELOCATION.
5. REMOVE AND SALVAGE EXISTING RECEPTACLE, COMPUTER OUTLET AND TELEPHONE OUTLET FOR RE-USE. REMOVE CONDUIT AND CAREFULLY COIL CABLING ABOVE CEILING FOR RE=ROUTING TO NEW LOCATION. SEE SECOND FLOOR NEW WORK DRAWING FOR RELOCATION.
6. NOT USED
7. REMOVE AND SALVAGE EXISTING STARTER FOR RE-USE. SEE SECOND FLOOR NEW WORK DRAWING THIS PAGE FOR RELOCATION.
8. REMOVE AND SALVAGE EXISTING LIGHTING CONTACTOR FOR RE-USE. LEAVE PHOTOCELL, CONDUIT AND CONDUCTORS IN PLACE. SEE SECOND FLOOR NEW WORK DRAWING THIS PAGE FOR RELOCATION.
9. DISCONNECT EXISTING CONDUIT AND CONDUCTORS FROM DOSING PUMP AND REMOVE BACK TO NEAREST JUNCTION BOX. SEE FIRST FLOOR NEW WORK DRAWING THIS PAGE FOR RELOCATION.
10. DISCONNECT EXISTING CONDUIT AND CONDUCTORS FROM UH-4 AND REMOVE BACK TO NEAREST JUNCTION BOX. SEE FIRST FLOOR NEW WORK DRAWING THIS PAGE FOR RELOCATION.
11. REMOVE EXISTING LB #3, CONDUIT AND CONDUCTORS BACK TO NEAREST JUNCTION BOX. PATCH CMU WALL TO MATCH EXISTING. SEE SECOND FLOOR NEW WORK DRAWING THIS PAGE FOR REINSTALLATION.
12. REMOVE EXISTING 45kVA TRANSFORMER. REMOVE CONDUIT AND CONDUCTORS BACK TO PANEL "OLP" AND LABEL CIRCUIT AS SPARE.
13. REMOVE EXISTING LB #1, CONDUIT AND CONDUCTORS BACK TO NEAREST JUNCTION BOX. PATCH CMU WALL TO MATCH EXISTING. SEE SECOND FLOOR NEW WORK DRAWING THIS PAGE FOR REINSTALLATION.

NEW WORK NOTES

1. EXTEND EXISTING UH-4 CONDUIT AND CONDUCTORS, AS NECESSARY, TO NEW LOCATION.
2. SEE "ELEVATION - NEW WORK" ON DRAWING E-4 FOR DETAILS.
3. PROVIDE EXTENSION RING TO EXISTING SINGLE GANG BOX, AND REINSTALL RECEPTACLE, FLUSH MOUNTED, IN NEW GYPSUM BOARD WALL. CONNECT TO NEW CIRCUIT, AS INDICATED.
4. REINSTALL EXISTING PLC MONITORING DATA PORT AND EXTEND CONDUIT AND CONDUCTORS, AS NECESSARY, TO NEW LOCATION. REINSTALL CABLING TO NEW LOCATION. SPLICING OF CABLING IS NOT PERMITTED. IF CABLING IS DAMAGED OR LENGTH IS NOT SUFFICIENT, PROVIDE NEW, SPLICE-FREE CABLE RUN BETWEEN ROOM 105 CONTROL ROOM AND NEW OUTLET LOCATION.
5. REINSTALL RECEPTACLE, TELEPHONE OUTLET, COMPUTER OUTLET AND EXTEND CONDUIT AND CONDUCTORS, AS NECESSARY, TO NEW LOCATION. REINSTALL CABLING TO NEW LOCATION. SPLICING OF CABLING IS NOT PERMITTED. IF CABLING IS DAMAGED OR LENGTH IS NOT SUFFICIENT, PROVIDE NEW, SPLICE-FREE CABLE RUN BETWEEN ROOM 105 CONTROL ROOM AND NEW OUTLET LOCATION.
6. PROVIDE RECEPTACLES, TELEPHONE OUTLETS AND COMPUTER OUTLETS IN THE FRONT OF NEW MECHANICAL CHASE. SEE ARCHITECTURAL DRAWING A-2 FOR CHASE DETAILS.
7. CONNECT RECEPTACLES TO NEW CIRCUIT ORP2-8 IN ROOM 103 ON SECOND FLOOR.
8. EXTEND CONDUIT AND CONDUCTORS FROM EXISTING CIRCUIT THROUGH NEW GYPSUM BOARD WALL AND FLOOR INTO FIRST FLOOR CEILING SPACE AND INTERCEPT EXISTING CIRCUIT (FED FROM FORMER LB #1).
9. REINSTALL P401 AND P402 STARTERS. INTERCEPT EXISTING P401 AND P402 FEEDERS, AND EXTEND MOTOR CIRCUITS TO TIE IN.
10. REINSTALL EXISTING LIGHTING CONTACTOR ABOVE CEILING. EXTEND CONDUIT AND CONDUCTORS, AS NECESSARY, UP TO LIGHTING CONTACTOR THROUGH NEW WALL. RECONNECT PHOTOCELL TO LIGHTING CONTACTOR.
11. EXTEND EXISTING DOSING PUMP CONDUIT AND CONDUCTORS, AS NECESSARY, TO NEW LOCATION.
12. PROVIDE 30A DISCONNECT FOR WHEELCHAIR LIFT. PROVIDE CONDUIT AND CONDUCTORS TO CONNECT TO WHEELCHAIR LIFT CONTROLS, PER MANUFACTURER'S INSTRUCTIONS.
13. PROVIDE 75kVA TRANSFORMER "T2". SEE TRANSFORMER SCHEDULE AND PANEL "OLP" SCHEDULE ON DWG E-4 FOR DETAILS.
14. EXTEND CONDUIT AND CONDUCTORS FROM EXISTING CIRCUIT THROUGH NEW GYPSUM BOARD WALL AND FLOOR INTO FIRST FLOOR CEILING SPACE AND INTERCEPT EXISTING CIRCUIT (FED FROM FORMER LB #3).

IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.

5' 0 5' 10' 15'

1/8" = 1'-0"

REV.	DATE	BY	APP.	DESCRIPTION
1	07/14/04	BAS	SAB	ADDED TELE OUTLET & RELOCATED RECEPTS DUE TO ADDITION OF AREA OF REFUGE & ADDED TELE AND COMP OUTLETS TO RM 204.

ROANOKE VIRGINIA, CHARTERED 1882

COMMONWEALTH OF VIRGINIA — STEPHEN A. BOWMAN — No. 28577 — 7.14.2004 — PROFESSIONAL ENGINEER

Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
An Employee-Owned Company
2310 LANGHORNE ROAD, LYNCHBURG, VIRGINIA 24501
P.O. BOX 877, LYNCHBURG, VIRGINIA 24505-0877
(804) 947-1901

DESIGNED	BAS
DRAWN	BAS
CHECKED	SAB
REVIEWED	MKJ
COMM. NO.	204079.00
CADD NO.	204079e20.dgn
DATE	JULY 14, 2004

PROJECT: CRYSTAL SPRING WATER TREATMENT PLANT BUILDING MODIFICATION DESIGN
CITY OF ROANOKE, VIRGINIA

REFERENCE: ELECTRICAL

TITLE: FLOOR PLAN - POWER

DWG. NO. E-3 | SHEET NO. 9 OF 10 | REV. 1