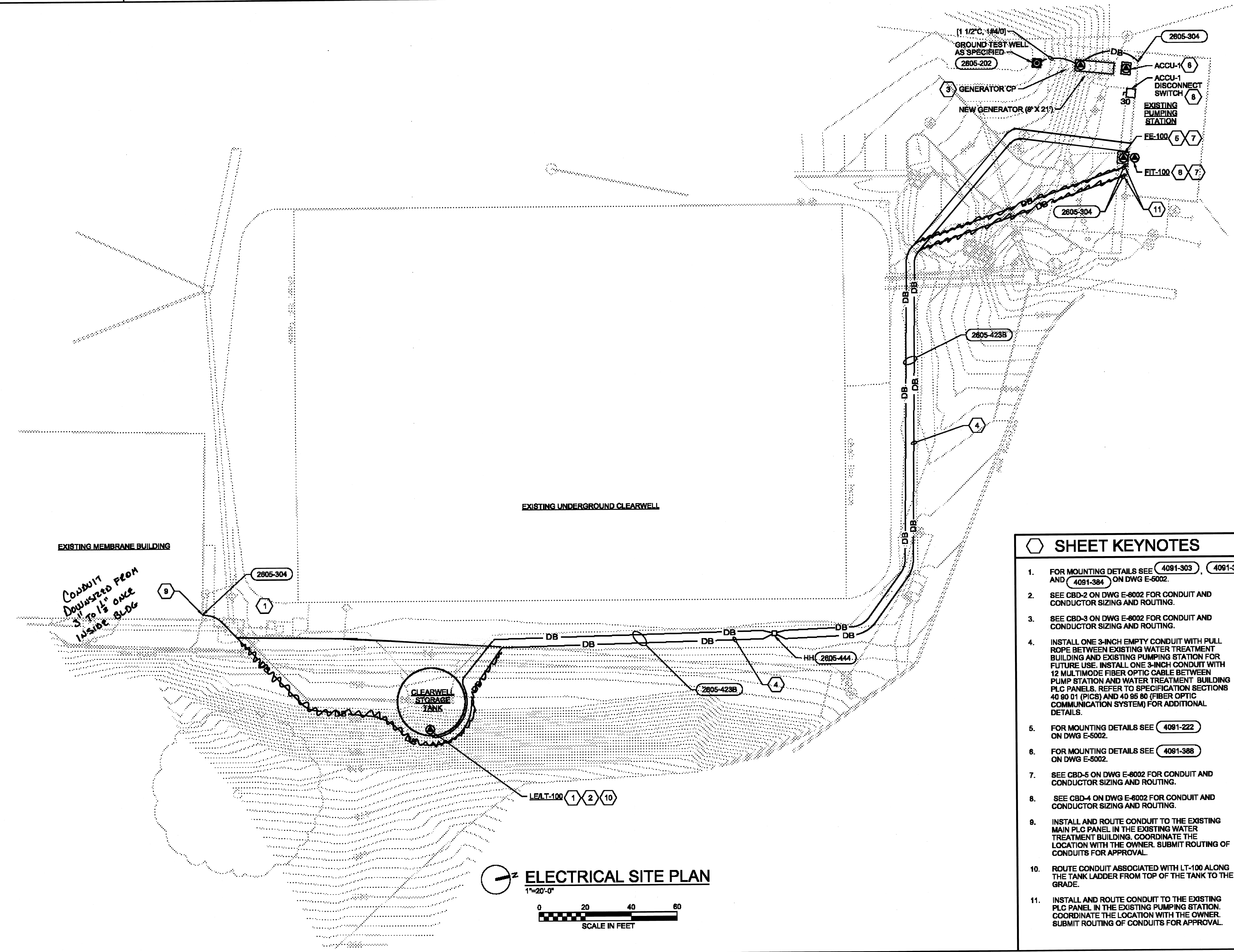


1 2 3 4 5 6

A
B
C
D



ELECTRICAL SITE PLAN
1"=20'-0"
0 20 40 60
SCALE IN FEET

- ### SHEET KEYNOTES
- FOR MOUNTING DETAILS SEE 4091-303 AND 4091-384 ON DWG E-6002.
 - SEE CBD-2 ON DWG E-6002 FOR CONDUIT AND CONDUCTOR SIZING AND ROUTING.
 - SEE CBD-3 ON DWG E-6002 FOR CONDUIT AND CONDUCTOR SIZING AND ROUTING.
 - INSTALL ONE 3-INCH EMPTY CONDUIT WITH PULL ROPE BETWEEN EXISTING WATER TREATMENT BUILDING AND EXISTING PUMPING STATION FOR FUTURE USE. INSTALL ONE 3-INCH CONDUIT WITH 12 MULTIMODE FIBER OPTIC CABLE BETWEEN PUMP STATION AND WATER TREATMENT BUILDING PLC PANELS. REFER TO SPECIFICATION SECTIONS 40 90 01 (PICB) AND 40 95 80 (FIBER OPTIC COMMUNICATION SYSTEM) FOR ADDITIONAL DETAILS.
 - FOR MOUNTING DETAILS SEE 4091-222 ON DWG E-5002.
 - FOR MOUNTING DETAILS SEE 4091-388 ON DWG E-5002.
 - SEE CBD-5 ON DWG E-6002 FOR CONDUIT AND CONDUCTOR SIZING AND ROUTING.
 - SEE CBD-4 ON DWG E-6002 FOR CONDUIT AND CONDUCTOR SIZING AND ROUTING.
 - INSTALL AND ROUTE CONDUIT TO THE EXISTING MAIN PLC PANEL IN THE EXISTING WATER TREATMENT BUILDING. COORDINATE THE LOCATION WITH THE OWNER. SUBMIT ROUTING OF CONDUITS FOR APPROVAL.
 - ROUTE CONDUIT ASSOCIATED WITH LT-100 ALONG THE TANK LADDER FROM TOP OF THE TANK TO THE GRADE.
 - INSTALL AND ROUTE CONDUIT TO THE EXISTING PLC PANEL IN THE EXISTING PUMPING STATION. COORDINATE THE LOCATION WITH THE OWNER. SUBMIT ROUTING OF CONDUITS FOR APPROVAL.

CH2MHILL®
ELECTRICAL
SITE PLAN

NO.	DATE	REVISION	BY	APVD
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				

CRISTAL SPRING WATER TREATMENT PLANT
CLEARWELL REPLACEMENT
WESTERN VIRGINIA WATER AUTHORITY
CITY OF ROANOKE, VIRGINIA

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
DATE JUNE 2014
PROJ 476481
DWG E-2000
SHEET 28 of 37

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CONSTRUCTION DOCUMENTS