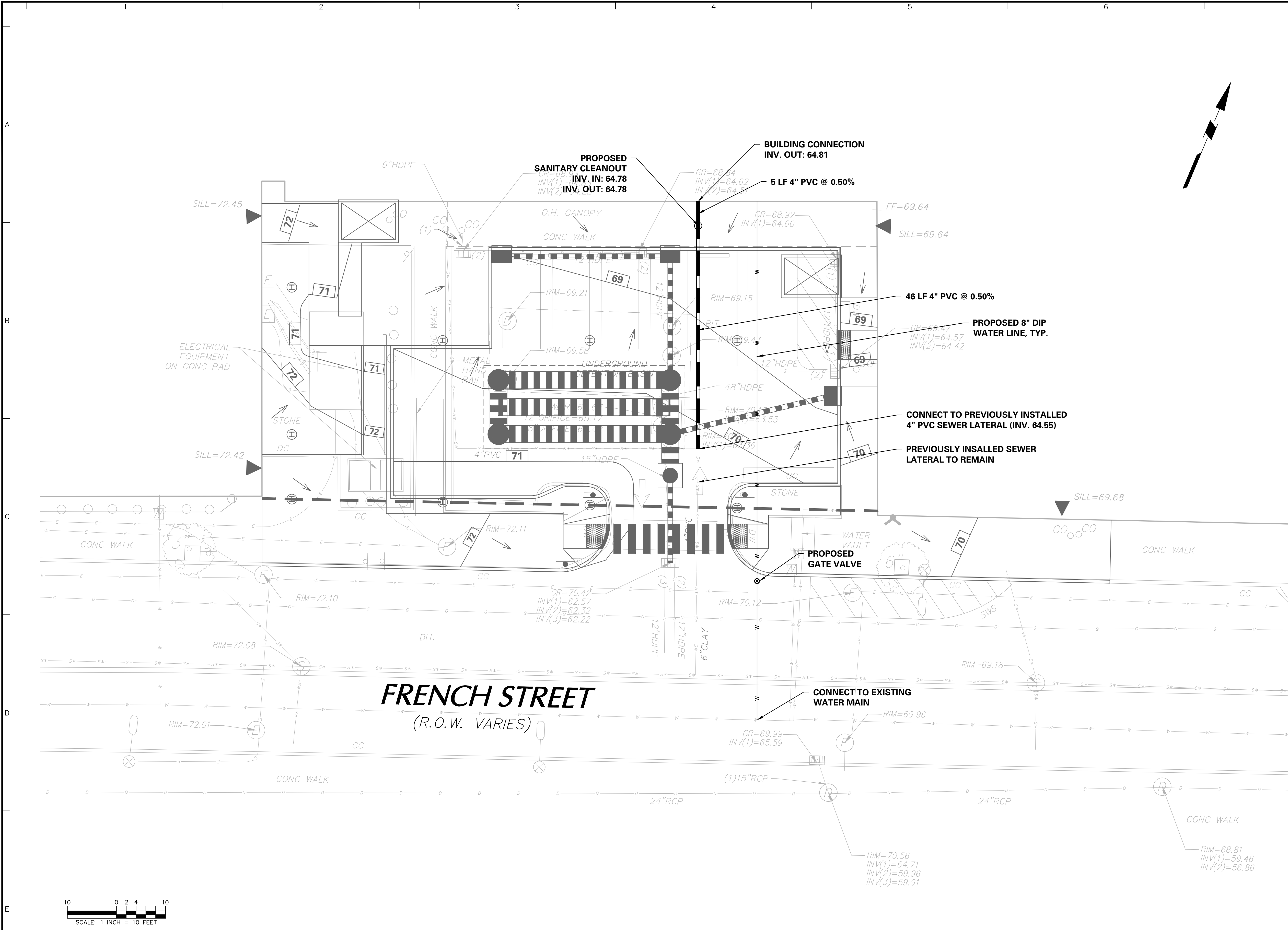




- UTILITY NOTES:
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS IN A MANNER WHICH WILL NOT NEGATIVELY AFFECT ANY EXISTING USERS OF THESE UTILITIES.
 - CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, WATER SERVICE, ELECTRICAL, TELEPHONE, GAS AND CABLE SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO LOCATION AND SCHEDULING OF CONNECTIONS TO THEIR FACILITIES.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, UTILITY LOCATIONS AND INVERTS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN BY THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - ALL SANITARY SEWER AND WATER LINE WORK SHALL BE IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS AND SPECIFICATIONS OF THE CITY OF NEW BRUNSWICK.
 - ALL WATER MAINS AND SANITARY OR INDUSTRIAL SEWER LINES SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 10 FEET. IF SUCH LATERAL SEPARATION IS NOT POSSIBLE, THE WATER AND SEWER LINES SHALL BE IN SEPARATE TRENCHES (STEP TRENCHES ARE PROHIBITED) WITH THE TOP OF THE SEWER LINE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN OR WITH SUCH OTHER SEPARATION EXPRESSLY APPROVED BY THE DEPARTMENT. AT CROSSINGS OF SEWER LINES AND WATER MAINS, THE TOP OF THE SEWER LINES SHALL BE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN (SEWER SERVICE LATERALS ARE NOT SUBJECT TO THIS REQUIREMENT). IF SUCH VERTICAL SEPARATION IS NOT POSSIBLE, THE SEWER LINE SHALL BE OF WATERTIGHT CONSTRUCTION (THAT IS, DUCTILE IRON OR REINFORCED CONCRETE PIPE), WITH WATERTIGHT JOINTS THAT ARE A MINIMUM OF 10 FEET FROM THE WATER MAIN.
 - EXISTING FRAMES, COVERS, AND GRATES IN AREAS WHERE GRADES WILL BE REVISED BY FILLING OR CUTTING, OR PAVEMENT OVERLAY, MUST BE RESET TO MATCH FINAL GRADE. THIS INCLUDES MANHOLES, HANDHOLES, VALVE BOXES, INLETS, ETC.). IN AREAS OF CUT, CONTRACTORS SHALL PROVIDE REQUIRED COVERAGE OF UTILITY AND STORMWATER LINES AS SPECIFIED BY THE UTILITY PURVEYOR. LIMITED RELOCATION OF UTILITY AND STORMWATER LINES MAY BE REQUIRED.

ALL WORK WITHIN FRENCH STREET RIGHT-OF-WAY TO BE COORDINATED WITH MIDDLESEX COUNTY. ALL SIDEWALKS, CURBS, RAMPS AND PAVEMENT TO BE CONSTRUCTED PER COUNTY STANDARDS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COUNTY PERMITS PRIOR TO ANY WORK WITHIN THE RIGHT-OF-WAY.

OTHER UTILITIES SUCH AS GAS SERVICE, WATER, ELECTRIC, AND TELEPHONE SERVICE WILL BE PROVIDED INTERNALLY FROM THE EXISTING BUILDING.

CONTRACTOR TO PERFORM A CLOSED-CIRCUIT VIDEO INSPECTION ON THE EXISTING SANITARY SEWER MAIN ON LITTLE ALBANY STREET PRIOR TO CONSTRUCTION. RESULTS OF THE INSPECTION SHALL BE SUBMITTED TO THE CITY/COUNTY ENGINEER FOR REVIEW AND APPROVAL.

AN AS-BUILT SURVEY OF THE PROJECT SHALL BE PROVIDED TO THE CITY ENGINEER UPON COMPLETION OF CONSTRUCTION.

Date	Description	No.
REVISIONS		
Christian M. Roche CHRISTIAN M. ROCHEDATE SIGNED NJ PROFESSIONAL ENGINEER NJ LICENSE No. 24GE04988100		
LANGAN Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 989 Lenox Drive, Suite 124 Lawrenceville, NJ 08648 T: 609.282.8000 F: 609.282.8001 www.langan.com NJ CERTIFICATE OF AUTHORIZATION No. 24GAZ7986400		
Project		
RWJ BARNABAS HEALTH SOUTH BUILDING EXPANSION BLOCK 24.01, LOT 1.01 CITY OF NEW BRUNSWICK MIDDLESEX COUNTYNEW JERSEY		
Drawing Title		
UTILITY PLAN		
Project No.		Drawing No.
130141101		CU-101
Date		
05/24/2019		
Drawn By		
GGB		Sheet 6 of 11
Checked By		
CMR		