

# Cary Academy Field House

Cary, NC

**Owner**  
**Cary Academy**  
 1500 North Harrison Avenue  
 Cary, NC 27513  
 (919) 677-3873

**Architect**  
**RATIO Architects, Inc.**  
 135 E Martin Street  
 Raleigh, NC 27601  
 (919) 821-0805

**Structural Engineer**  
**LHC Engineers**  
 1015 Wade Avenue  
 Raleigh, NC 27605  
 (919) 833-0495

**Plumbing, Mechanical, Electrical, Civil Engineer**  
**The Wooten Company**  
 120 North Boylan Avenue  
 Raleigh, NC 27603  
 (919) 828-0531

**Landscape Architect**  
**McNeely Associates**  
 5501 McNeely Drive  
 Raleigh, NC 27612  
 (919) 782-9677

## SITE PLAN REVISION TO 06-SP-006 CONSTRUCTION DOCUMENTS

REISSUE		
1	TOC COMMENTS	3/19/14
2	TWC COMMENTS	3/19/14

CHECKED BY

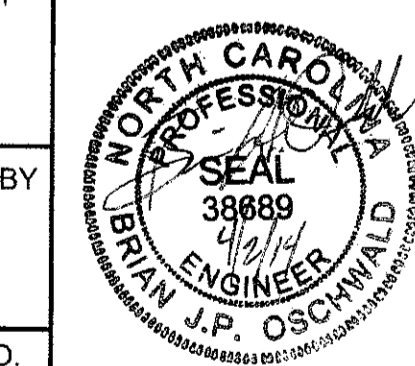
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APPROVED BY

BJPO

PROJECT NO.

11011.100

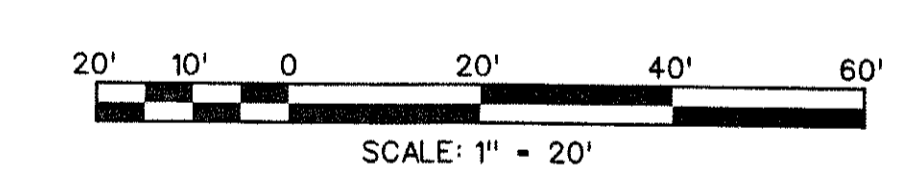
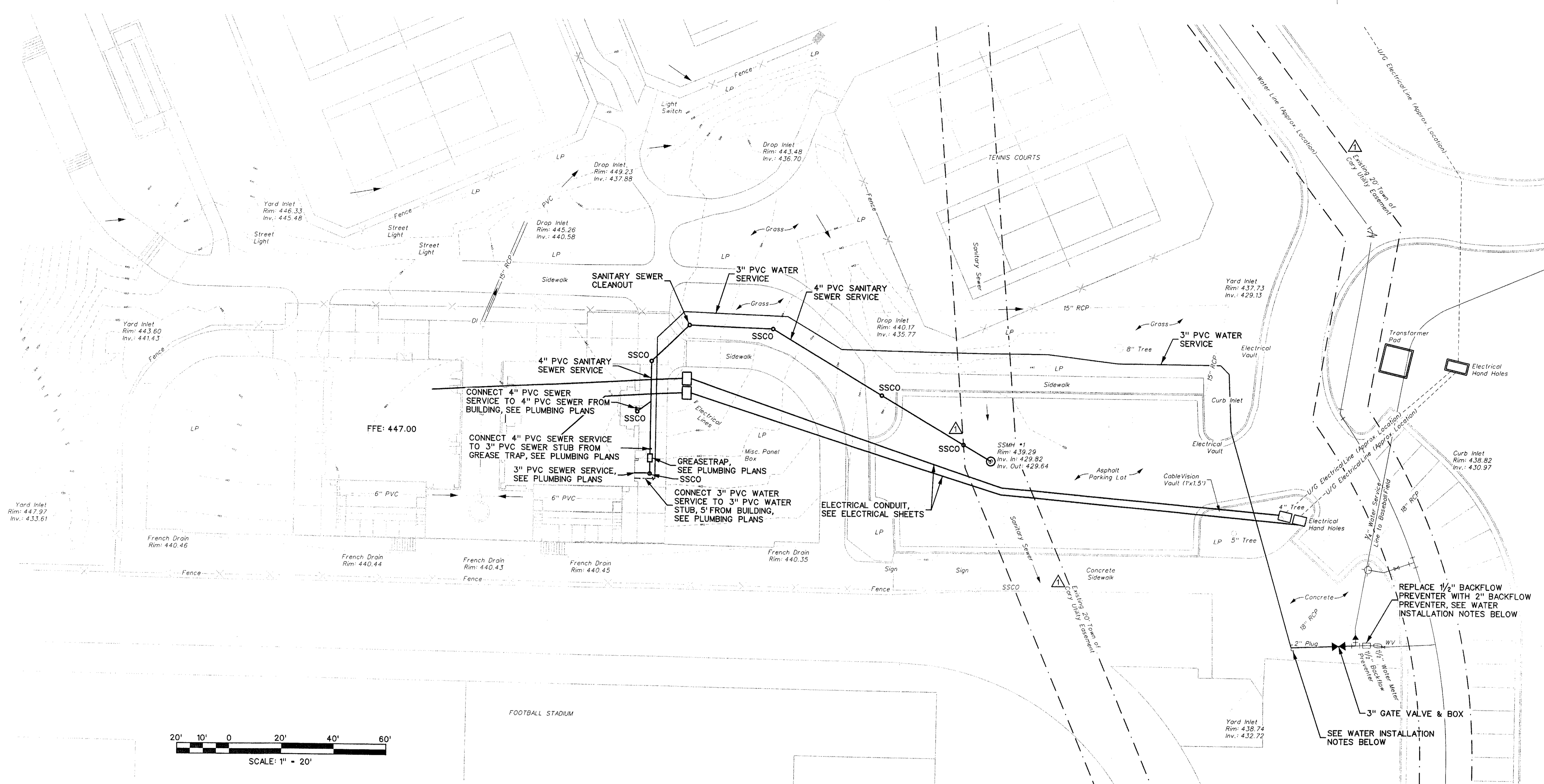


**RATIO**  
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SHEET TITLE  
**WATER AND SEWER SERVICE CONNECTIONS**

SHEET NUMBER

**C100**



### GENERAL NOTES:

- EXISTING UTILITIES ARE LOCATED ON PLANS APPROXIMATELY. NOTIFY UTILITY LOCATING SERVICE TO MARK LOCATION OF EXISTING UTILITIES AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION ACTIVITY. CONTRACTOR RESPONSIBLE FOR VERIFYING EXACT LOCATION OF THESE EXISTING UTILITIES. THE COST TO REPAIR THESE FACILITIES, IF DAMAGED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SHOULD THE CONTRACTOR DAMAGE ANY EXISTING TOWN OF CARY UTILITIES, INCLUDING WATER, SEWER, AND STORM DRAINAGE INFRASTRUCTURE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEERING INSPECTOR AND THE TOWN OF CARY PUBLIC WORKS DEPARTMENT (919-469-4090).
- SHOULD THE CONTRACTOR DAMAGE ANY EXISTING UTILITIES OWNED BY OUTSIDE PERMANENT UTILITY PROVIDERS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE PERMANENT UTILITY OWNER AND SCHEDULE REPAIRS. CARY ACADEMY SHALL NOT BE RESPONSIBLE FOR PERMANENT UTILITY DAMAGE CAUSED BY THE CONTRACTOR.
- TEMPORARILY REMOVE MINOR ITEMS AS REQUIRED FOR THE INSTALLATION OF THE UTILITY. MINOR ITEMS SHALL INCLUDE, BUT NOT BE LIMITED TO, EXISTING SIGNS, SHRUBS (UNDER 6 FT IN HEIGHT), AND TREES (UNDER 3 INCHES IN DIAMETER). REINSTALL ITEMS TO THEIR ORIGINAL CONDITION.
- SUPPORT EXISTING POLES, FENCES, CULVERTS, PAVEMENT, UTILITIES, CURBING AND OTHER STRUCTURES DURING CONSTRUCTION REPAIR DAMAGED ITEMS TO THEIR ORIGINAL CONDITION AT NO COST.
- OPEN CUT PAVED PARKING LOTS, SIDEWALKS AND CURB AND GUTTER UNLESS SHOWN OTHERWISE. REPLACE CURB AND GUTTER, PAVEMENT AND SIDEWALK WITH NEW TO MATCH THE EXISTING CROSS SECTION. PROVIDE PAVEMENT PATCHING PER DETAILS.
- UNLESS OTHERWISE STATED BY THE CONTRACT DOCUMENTS, CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF THE TOWN OF CARY'S "STANDARD SPECIFICATIONS AND DETAILS".
- ALL SERVICE TAPS TO EXISTING TOWN OF CARY MAINTAINED WATER AND SEWER LINES ARE ALLOWED IN ACCORDANCE WITH TOWN OF CARY SPECIFICATIONS ONLY AFTER OBTAINING A SEPARATE PERMIT THROUGH THE INSPECTIONS AND PERMITS DEPARTMENT (I&P). PERMIT APPLICATIONS MAY BE OBTAINED FROM I&P (919-469-4340) OR ONLINE AT [HTTP://WWW.TOWNOFCARY.ORG/DEPARTMENTS/INSPECTIONS\\_PERMITS/FORMS.HTM](http://www.townofcary.org/departments/inspections_permits/forms.htm)
- ALL WATER AND SEWER UTILITY INSTALLATION TO BE COORDINATED WITH TOWN OF CARY UTILITIES DEPARTMENT.
- GREASE INTERCEPTOR SIZING AND DETAILS ARE TO BE INCLUDED WITH BUILDING CONSTRUCTION PLUMBING PLANS.

### CONTRACTOR TO LOCATE EXISTING WATER SERVICE. REMOVE AND DISPOSE OF 2" WATER SERVICE AND 1/2" BACKFLOW PREVENTER FROM THE PLUG, THROUGH THE BACKFLOW PREVENTER. IF THE SERVICE LINE IS 1/2" FROM THE WATER METER TO THE BACKFLOW PREVENTER, REMOVE AND REPLACE WITH 2" WATER SERVICE. THE BACKFLOW PREVENTER. IF THE SERVICE LINE IS 1/2" FROM THE WATER METER TO INSTALL NEW 2" BACKFLOW PREVENTER AND 3" WATER SERVICE, AS SHOWN.

- RECONNECT SERVICE TO THE BASEBALL FIELD. 3" WATER SERVICE, AS SHOWN.
- MAINTAIN 24 INCHES OF SEPARATION AT THE NEW ELECTRICAL CONDUIT AND EXISTING SANITARY SEWER CROSSING.
- MAINTAIN 24 INCHES OF SEPARATION AT THE NEW ELECTRICAL CONDUIT AND EXISTING MAINTAIN 4 FEET OF COVER AT ALL LOCATIONS OF WATER SERVICE.
- MAINTAIN 4 FEET OF COVER AT ALL LOCATIONS OF WATER SERVICE.

### SEWER INSTALLATION NOTES:

- 4" SANITARY SEWER IS TO BE INSTALLED AT A MINIMUM OF 1.25% SLOPE.
- INSTALL SANITARY SEWER CLEANOUT AS SHOWN. MAXIMUM SPACING OF CLEANOUTS SHALL BE 75 FEET.
- THE INVERT OF THE NEW SEWER SERVICE IN EXISTING SANITARY SEWER MANHOLE No. 1 SHALL BE INSTALLED TO MATCH CROWNS OF THE UPSTREAM SANITARY SEWER LINE.
- MAINTAIN 4 FEET OF COVER AT ALL LOCATIONS OF SEWER SERVICE.

### EROSION CONTROL NOTES:

- REFER TO LANDSCAPE ARCHITECT DRAWINGS FOR EROSION CONTROL MEASURES.

**FINAL DESIGN  
 Not Released  
 For Construction**

14-SP-013  
 HTE#: N/A  
 Approved by the Town of Cary  
 Development Review Committee

Planner KATH Date: 8/19/2014