

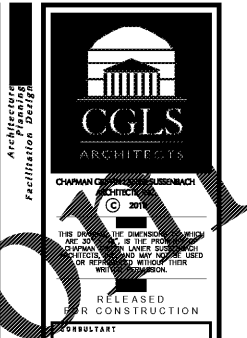
# ISSUE FOR BID

# FIVE FORKS MIDDLE SCHOOL

# HVAC & ROOFING RENOVATIONS

FACILITY # 667-0279  
 3250 River Drive  
 Lawrenceville, Georgia 30044

GWINNETT COUNTY PUBLIC SCHOOLS



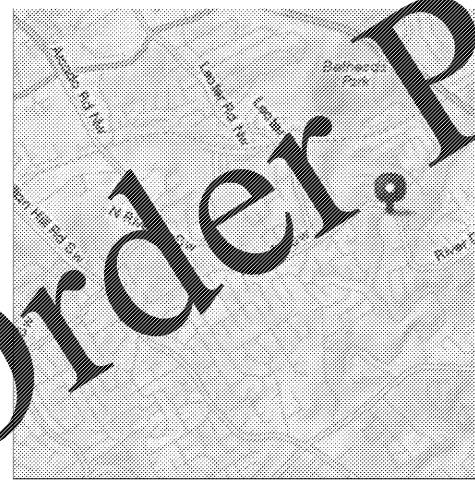
| DATE     | NO. | DESCRIPTION          |
|----------|-----|----------------------|
| 10/11/16 |     | CODE FINAL SUBMITTAL |
| 10/28/16 |     | ISSUE FOR BID        |

## GD OE CAPITAL OUTLAY PROJECTS

### FIVE FORKS MIDDLE SCHOOL:

- BUILDING 4011: NEW ROOFING
- BUILDING 4012: NEW ROOFING
- BUILDING 4030: NEW ROOFING NEW HVAC
- BUILDING 4031: NEW ROOFING NEW HVAC

## LOCATION MAP



## DIRECTORY

**OWNER**  
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 53 Gwinnett Drive Bldg D  
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 Atlanta, GA 30329  
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**ARCHITECT**  
 Chapman Griffin Lanier Sussenbach Architects, Inc.  
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 Ms. Rebecca Tyson  
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## BUILDING DATA & NOTES

- |                                |           |
|--------------------------------|-----------|
| BUILDING AREA:                 | 11,123 SF |
| Building 4011 Renovation Area: | 761 SF    |
| Building 4030 Renovation Area: | 27,718 SF |
| Building 4031 Renovation Area: | 16,529 SF |
- APPLICABLE CODES**
- BUILDING CODE: INTERNATIONAL BUILDING CODE, 2012 EDITION, WITH 2014, 2015, 2017 & 2018 GEORGIA AMENDMENTS
  - FUEL GAS CODE: INTERNATIONAL FUEL GAS CODE, 2012 EDITION, WITH 2014 & 2015 GEORGIA AMENDMENTS
  - MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE, 2012 EDITION, WITH 2014 & 2015 GEORGIA AMENDMENTS
  - PLUMBING CODE: INTERNATIONAL PLUMBING CODE, 2012 EDITION, WITH 2014 & 2015 GEORGIA AMENDMENTS
  - ELECTRICAL CODE: NATIONAL ELECTRICAL CODE, 2017 EDITION WITH NO GEORGIA AMENDMENTS
  - FIRE PREVENTION: INTERNATIONAL FIRE CODE, 2012 EDITION, WITH 2014 GEORGIA AMENDMENTS
  - ENERGY CODE: INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION, WITH 2011 & 2012 GEORGIA SUPPLEMENTS & AMENDMENTS
  - LIFE SAFETY CODE: NFPA 101 LIFE SAFETY CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS
  - ACCESSIBILITY CODE: 2012 GEORGIA STATE LAW TITLE 30, CHAPTER 3 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED AND THE RULES AND REGULATIONS OF THE GEORGIA SAFETY FIRE COMMISSIONER.

## GENERAL NOTES

- FINISH FLOOR ELEVATION NOTED ON DRAWINGS 0'-0" = CIVIL GRADE 999.00'.
  - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE PROJECT SITE PRIOR TO FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS.
  - ALL DIMENSIONS MUST BE VERIFIED ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
  - ALL DIMENSIONS ARE WITNESSED TO THE OUTSIDE FACE OF CMU OR STUD, CENTER OF COLUMNS, TOP OF STRUCTURAL CONCRETE SLAB OR MASONRY OPENING OF WINDOWS AND DOORS UNLESS NOTED OTHERWISE.
  - N.T.S. ON ALL ARCHITECTURAL DRAWINGS SHALL MEAN "NOT TO SCALE".
  - N.I.C. ON ALL DRAWINGS SHALL MEAN "NOT IN CONTRACT".
  - BOLTING OF WOOD TO STRUCTURAL MEMBERS SHALL BE WITH A MINIMUM OF 1/2" BOLTS X 4'-0" O.C. EXCEPT WHERE SHOWN OTHERWISE.
  - DO NOT PENETRATE FIRE-RATED ASSEMBLIES WITH PVC, ABS OR OTHER COMBUSTIBLE PIPING OR CONDUIT. ALL PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE SEALED WITH MATERIALS CLASSIFIED BY UNDERWRITERS LABORATORIES FOR USE IN FIRESTOPPING PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES.
  - CONTRACTOR SHALL COMPLY WITH LOCAL BUILDINGS CODES IN FIRESTOPPING FLOOR PENETRATIONS.
  - CAULK WITH SEALANT BETWEEN ALL DISSIMILAR MATERIALS.
  - COORDINATE LOCATIONS AND/OR ELEVATIONS OF FLOOR DRAINS, REGISTERS, GRILLES, LOUVERS, DUCTS, UNIT HEATERS, PANELS, ETC. WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
  - ALL EXTERIOR LUMBER EXPOSED TO MOISTURE SHALL BE PRESSURE PRESERVATIVE TREATED.
  - ALL INTERIOR WALLS WHICH ARE PART OF FIRE-RATED ASSEMBLIES AND EXTEND ABOVE FINISH CEILING OR TO THE ROOF DECK ABOVE SHALL HAVE THE PARTICULAR RATING AND OR TYPE OF WALL STENOGLYPH ON BOTH SIDES OF THE WALL IN 3" HIGH RED LETTERS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" MESSAGE TO BE PLACED AT LEAST ONCE ON EACH WALL, BUT NO MORE THAN 12'-0" O.C. COMPLY WITH IBC 703.7.
  - METAL STUDS AND HANGER WIRE ARE NOT TO BE ATTACHED TO JOIST, CARRYING CHANNELS, UNSTRUCTURED OR MISCELLANEOUS STEEL SIZED TO ACCOMMODATE SPECIFIC LOADS AND CLEAR SPANS ENCOUNTERED ONLY.
  - ALL INTERIOR CONTROL JOINTS AND EXPANSION JOINTS OCCURRING IN FIRE-RATED ASSEMBLIES SHALL BE SEALED TO MEET UNDERWRITERS LABORATORIES DESIGNS FOR CONTROL JOINTS AND EXPANSION JOINTS OCCURRING IN ONE AND TWO-HOUR FIRE-RATED ASSEMBLIES.
  - AT ALL SMOKE-BARRIER AND FIRE-RATED PARTITIONS, PROVIDE 1 HOUR FIRE-RATED ENCLOSURE TO UNDERSIDE OF METAL DECK. SEE FLOOR PLANS FOR PARTITION LOCATIONS AND WALL SECTIONS FOR TYPICAL DETAILS OF SMOKE ENCLOSURE BEAM. PROVIDE SIMILAR DETAIL AT BAR JOISTS.
  - ALL EXPOSED STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE PRIMED AND PAINTED BOTH ON THE INTERIOR AND THE EXTERIOR OF THE NEW BUILDING.
  - ALL DUCT DETECTORS TO BE TIED INTO THE FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72.
  - CLEAN, PATCH AND REFINISH ALL EXPOSED FINISHES DAMAGED BY CONSTRUCTION ACTIVITIES. REPLACE NEW AS REQUIRED.
  - ANY ALTERATION OR ANY INSTALLATION OF EQUIPMENT SHALL MEET AS NEARLY AS PRACTICABLE THE REQUIREMENT FOR NEW CONSTRUCTION IN ACCORDANCE WITH NFPA 101: 4.6.7, 2012 EDITION.
  - ALL DEMOLITION WORK SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS, 2013 EDITION.
  - ALL REQUIRED MEANS OF EGRESS AND ALL REQUIRED FIRE PROTECTION FEATURES MUST BE IN PLACE AND CONTINUOUSLY MAINTAINED FOR THE PORTION OF THE BUILDING BEING OCCUPIED DURING CONSTRUCTION, REPAIR, ALTERATION OR ADDITION IN ACCORDANCE WITH NFPA 101: 4.6.10, 1, 2012 EDITION.
- ADDITIONAL NOTES:**
- SPECIAL INSPECTION REPORTS AND FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF WORK IS APPROVED FOR OCCUPANCY. (IBS SECTION - AMENDMENT 1701.4)
  - MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 AND WIRES AND CABLES SHALL BE PLENUM-RATED. (IMC SECTIONS 602.2.1 AND 602.2.1.1)

## INDEX OF DRAWINGS

| NO.                  | NAME                                     |
|----------------------|--|
| A-0.1                | TITLE SHEET AND INDEX OF DRAWINGS        |
| <b>ARCHITECTURAL</b> |  |
| A-1.01               | U.L. ASSEMBLIES                          |
| A-2.01               | OVERALL REFERENCE PLAN                   |
| A-2.10               | PART 1 FLOOR PLAN - NEW & DEMOLITION     |
| A-2.11               | PART 2 FLOOR PLAN - NEW & DEMOLITION     |
| A-3.10               | PART 1 RCP                               |
| A-3.11               | PART 2 RCP                               |
| A-4.01               | ROOF PLAN                                |
| A-4.11               | ROOF & STRUCTURAL DETAILS                |
| A-4.12               | ROOF & STRUCTURAL DETAILS                |
| <b>MECHANICAL</b>    |  |
| M-1.01               | LEVEL 100 - FLOOR PLAN - HVAC DEMOLITION |
| M-1.11               | PARTIAL FLOOR PLAN - HVAC                |
| M-1.12               | PARTIAL FLOOR PLAN - HVAC                |
| M-2.1                | HVAC DETAILS                             |
| M-2.2                | HVAC DETAILS                             |
| M-3.1                | HVAC SCHEDULES                           |
| M-4.1                | ENERGY MANAGEMENT SYSTEM                 |
| <b>PLUMBING</b>      |  |
| P-1.11               | PARTIAL FLOOR PLAN - PLUMBING            |
| P-1.12               | PARTIAL FLOOR PLAN - PLUMBING            |
| P-1.21               | SCHEDULES AND DETAILS - PLUMBING         |
| <b>ELECTRICAL</b>    |  |
| E-1.11               | PARTIAL FLOOR PLAN - ELFC                |
| E-1.12               | PARTIAL FLOOR PLAN - ELFC                |
| E-2.11               | FLOOR PLAN LIGHTING CONTROL              |
| E-3.11               | ELFC SCHEDULES & DETAILS                 |

CHAPMAN GRIFFIN LANIER SUSSENBACH ARCHITECTS  
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 3250 River Drive, Lawrenceville, GA 30044  
 GWINNETT COUNTY SCHOOL DISTRICT

SHEET TITLE  
 TITLE SHEET AND INDEX OF DRAWINGS

PROJECT NO.  
 19007.02

DATE  
 OCTOBER 11, 2018

DRAWN BY  
 CHECKED BY  
 REVISION NO.

A-0.1