

HARMONY LELAND-CLAY REPLACEMENT ELEMENTARY SCHOOL

6326 FACTORY SHOALS ROAD, SW
MABLETON, GA 30126
FOR COBB COUNTY SCHOOL DISTRICT
COBB COUNTY, GA
CCSD PROJECT No. A004 / DOE FACILITY CODE 0185

DRAWING ISSUE RECORD		
DATE	REVISIONS	NO.
11-1-18	ISSUE TO BID	

HARMONY LELAND-CLAY
REPLACEMENT ELEMENTARY SCHOOL

6326 FACTORY SHOALS ROAD, SW
MABLETON, GA 30126
FOR COBB COUNTY SCHOOL DISTRICT
CCSD PROJECT No. A004 / DOE FACILITY CODE 0185

JOB NO. 18-1-1500-18
DATE: JUL 16, 2018
DRAWN BY: AK

DRAWING INDEX:

SITE / CIVIL

- C0.0 SITE NOTES
- T8-1 BOUNDARY & TOPOGRAPHICAL SURVEY
- C1.6 SITE DEMOLITION PLAN
- C2.0 LAYOUT & PAVING PLAN
- C2.1 SITE DISTANCE PLAN
- C3.0 GRADING PLAN
- C3.01 ENLARGED GRADING PLANS & PROFILES
- C3.1 STORM DRAINAGE PLAN
- C3.2 STORM PIPE PROFILES
- C3.3 STORM PIPE PROFILES
- C3.4 STORM PIPE PROFILES
- C3.6 STORMWATER MANAGEMENT ENLARGEMENTS
- C3.8 SITE WALL ELEVATIONS
- C4.0 NPDES NOTES
- C4.1 ES&PC PHASE I INITIAL
- C4.2 ES&PC GRADING PHASE 'A'
- C4.3 ES&PC GRADING PHASE 'B'
- C4.4 ES&PC PHASE IV FINAL
- C4.05 NPDES GENERAL NOTES & REQUIREMENTS
- C4.5 ES&PC DETAILS
- C4.6 ES&PC CALCULATION & DETAILS
- C5.0 FINAL ACCESS PLAN
- C6.0 EXISTING TREE INVENTORY
- C6.1 TREE REMOVAL PLAN
- C6.2 PLANTING PLAN
- C6.3 PLANTING DETAILS
- C7.0 SITE WORK CONSTRUCTION DETAILS
- C7.1 SITE WORK CONSTRUCTION DETAILS
- C7.2 SITE WORK CONSTRUCTION DETAILS
- C7.3 SITE WORK CONSTRUCTION DETAILS
- C7.4 SITE WORK CONSTRUCTION DETAILS
- C7.5 SITE WORK CONSTRUCTION DETAILS
- C7.6 SITE WORK CONSTRUCTION DETAILS
- C7.9 SITE WORK CONSTRUCTION DETAILS
- P8.1 PLAYScape PLANS & DETAILS
- I1.1 IRRIGATION PLAN
- I1.2 IRRIGATION SLEEVING PLAN
- I2.1 IRRIGATION DETAILS
- I2.2 IRRIGATION DETAILS

STRUCTURAL

- S0.1 SITE WALL NOTES & SCHEDULES
- S0.2 SITE WALL DETAILS & SCHEDULES
- S1.1 STRUCTURAL GENERAL NOTES
- S1.2 STRUCTURAL GENERAL SCHEDULES
- S2.0 OVERALL MAIN LEVEL FOUNDATION PLAN
- S2.1 PARTIAL MAIN LEVEL FOUNDATION PLAN
- S2.2 PARTIAL MAIN LEVEL FOUNDATION PLAN
- S2.3 PARTIAL MAIN LEVEL FOUNDATION PLAN
- S2.4 PARTIAL MAIN LEVEL FOUNDATION PLAN
- S3.0 OVERALL FLOOR FRAMING PLAN
- S3.1 PARTIAL FLOOR FRAMING PLAN
- S3.2 PARTIAL FLOOR FRAMING PLAN
- S4.0 OVERALL ROOF FRAMING PLAN
- S4.1 PARTIAL ROOF FRAMING PLAN
- S4.2 PARTIAL ROOF FRAMING PLAN
- S4.3 PARTIAL ROOF FRAMING PLAN
- S4.4 PARTIAL ROOF FRAMING PLAN
- S5.1 SECTIONS & DETAILS
- S5.2 SECTIONS & DETAILS
- S5.3 SECTIONS & DETAILS
- S7.1 SECTIONS & DETAILS
- S7.2 SECTIONS & DETAILS
- S7.3 SECTIONS & DETAILS
- S8.1 SECTIONS & DETAILS
- S8.2 SECTIONS & DETAILS
- S8.3 SECTIONS & DETAILS
- S9.1 SECTIONS & DETAILS
- S9.2 SECTIONS & DETAILS

ARCHITECTURAL

- F1.1 FIRE RATING NOTES & DETAILS
- F1.2 FIRE RATING NOTES & DETAILS
- A1.1 1"=20' MAIN LEVEL OVERALL & FIRE RATING PLAN
- A1.2 1"=20' UPPER LEVEL OVERALL & FIRE RATING PLAN
- A2.1 1/8" ENLARGED MAIN LEVEL PLAN
- A2.2 1/8" ENLARGED MAIN LEVEL PLAN
- A2.3 1/8" ENLARGED MAIN LEVEL PLAN
- A2.4 1/8" ENLARGED MAIN LEVEL PLAN
- A2.5 1/8" ENLARGED MAIN LEVEL PLAN
- A2.6 1/8" ENLARGED UPPER LEVEL PLAN
- A2.7 1/8" ENLARGED UPPER LEVEL PLAN
- A2.8 PLAN DETAILS
- A3.1 1/4" ENLARGED TOILET PLANS & ELEVATIONS
- A3.2 1/4" ENLARGED KITCHEN PLAN & DETAILS
- A3.3 KITCHEN DETAILS
- A4.1 DOOR SCHEDULE
- A4.2 DOOR SCHEDULE (CONT'D) & FRAME ELEVATIONS
- A4.3 DOOR & WINDOW DETAILS
- A5.1 1/8" EXTERIOR OVERALL ELEVATIONS
- A5.2 1/8" EXTERIOR ELEVATIONS
- A5.3 1/8" EXTERIOR ELEVATIONS
- A6.1 ENLARGED LEARNING COMMONS PLAN & CASEWORK DETAILS
- A6.2 CASEWORK ELEVATIONS
- A7.1 OVERALL BUILDING SECTIONS
- A7.2 WALL SECTIONS & DETAILS
- A7.3 WALL SECTIONS & DETAILS
- A7.4 WALL SECTIONS & DETAILS
- A7.5 WALL SECTIONS & DETAILS
- A7.6 WALL SECTIONS & DETAILS
- A7.7 WALL SECTIONS & DETAILS
- A7.8 WALL SECTIONS & DETAILS
- A7.9 WALL SECTIONS & DETAILS
- A7.10 WALL SECTIONS & DETAILS
- A7.11 WALL SECTIONS & DETAILS
- A7.12 WALL SECTIONS & DETAILS
- A7.13 WALL SECTIONS & DETAILS
- A8.1 STAIR SECTIONS & DETAILS
- A8.2 STAIR SECTIONS & DETAILS
- A8.3 ELEVATOR SECTIONS & DETAILS
- A9.1 1/16" OVERALL ROOF PLAN
- A9.2 ROOF DETAILS
- A9.3 ROOF DETAILS

PLUMBING

- P0.1 SITE PLAN - PLUMBING
- P0.2 SITE PLUMBING DETAILS
- P0.3 SANITARY SEWER PROFILE DETAILS
- P1.1 MAIN LEVEL PARTIAL PLAN - PLUMBING
- P1.2 MAIN LEVEL PARTIAL PLAN - PLUMBING
- P1.3 MAIN LEVEL PARTIAL PLAN - PLUMBING
- P1.4 MAIN LEVEL PARTIAL PLAN - PLUMBING
- P1.5 UPPER LEVEL PARTIAL PLAN - PLUMBING
- P1.6 UPPER LEVEL PARTIAL PLAN - PLUMBING
- P2.1 ENLARGED KITCHEN PLAN - PLUMBING
- P2.2 ENLARGED PLUMBING PLANS & RISER DIAGRAMS
- P2.3 ENLARGED PLUMBING PLANS & RISER DIAGRAMS
- P2.4 ENLARGED PLUMBING PLANS & RISER DIAGRAMS
- P2.5 ENLARGED PLUMBING PLANS & RISER DIAGRAMS
- P2.6 ENLARGED PLUMBING PLANS & RISER DIAGRAMS
- P3.1 PLUMBING SCHEDULES & DETAILS
- P3.2 PLUMBING DETAILS
- P3.3 SPRINKLER RISER PLUMBING DETAILS

MECHANICAL

- M1.1 MAIN LEVEL PARTIAL PLAN - HVAC
- M1.2 MAIN LEVEL PARTIAL PLAN - HVAC
- M1.3 MAIN LEVEL PARTIAL PLAN - HVAC
- M1.4 MAIN LEVEL PARTIAL PLAN - HVAC
- M1.5 UPPER LEVEL PARTIAL PLAN - HVAC
- M1.6 UPPER LEVEL PARTIAL PLAN - HVAC
- M2.1 MECHANICAL SECTIONS, DETAILS & DIAGRAMS
- M2.2 MECHANICAL SECTIONS, DETAILS & DIAGRAMS
- M2.3 MECHANICAL SECTIONS, DETAILS & DIAGRAMS
- M3.1 LEGEND & SCHEDULES
- M3.2 LEGEND & SCHEDULES
- M4.1 ENERGY MANAGEMENT SYSTEM AND AUTOMATIC TEMPERATURE CONTROLS DIAGRAM

ELECTRICAL

- E0.1 SITE PLAN - ELECTRICAL
- E1.1 MAIN LEVEL PARTIAL PLAN - LIGHTING
- E1.2 MAIN LEVEL PARTIAL PLAN - LIGHTING
- E1.3 MAIN LEVEL PARTIAL PLAN - LIGHTING
- E1.4 MAIN LEVEL PARTIAL PLAN - LIGHTING
- E1.5 UPPER LEVEL PARTIAL PLAN - LIGHTING
- E1.6 UPPER LEVEL PARTIAL PLAN - LIGHTING
- E2.1 MAIN LEVEL PARTIAL PLAN - POWER
- E2.2 MAIN LEVEL PARTIAL PLAN - POWER
- E2.3 MAIN LEVEL PARTIAL PLAN - POWER
- E2.4 MAIN LEVEL PARTIAL PLAN - POWER
- E2.5 UPPER LEVEL PARTIAL PLAN - POWER
- E2.6 UPPER LEVEL PARTIAL PLAN - POWER
- E2.7 ENLARGED KITCHEN PLAN - POWER
- E2.8 ENLARGED MECHANICAL/ELECTRICAL ROOM/YARD PLAN - POWER
- E3.1 MAIN LEVEL PARTIAL PLAN - FIRE ALARM
- E3.2 MAIN LEVEL PARTIAL PLAN - FIRE ALARM
- E3.3 MAIN LEVEL PARTIAL PLAN - FIRE ALARM
- E4.1 MAIN LEVEL PARTIAL PLAN - SOUND SYSTEMS & CABLE HOOKS
- E4.2 MAIN LEVEL PARTIAL PLAN - CABLE HOOKS
- E4.3 UPPER LEVEL PLAN - CABLE HOOKS
- E5.1 MAIN LEVEL PLAN - SECURITY
- E5.2 MAIN LEVEL PLAN - SECURITY
- E5.3 UPPER LEVEL PLAN - SECURITY
- E6.1 DIAGRAMS & LEGENDS
- E6.2 POWER RISER DIAGRAM
- E6.3 PANEL SCHEDULES
- E6.4 PANEL SCHEDULES
- E6.5 PANEL SCHEDULES

WWW.LDOnline.com

Order Plans @

DO NOT BREAK THESE DOCUMENTS INTO PARTS AND SUB-PARTS. THE COBB COUNTY BOARD OF EDUCATION ASSUMES NO RESPONSIBILITY FOR THE SEPARATION OF THESE DOCUMENTS BY ANY ENTITY OF THE CONTRACTING INDUSTRY. EACH CONTRACTING ENTITY SHALL BE RESPONSIBLE FOR ALL THE WORK RELATED TO THEIR TRADES WHERE EVER IT MAY BE SHOWN WITHIN THE CONTRACT DOCUMENTS PACKAGES.

NOTE: SIGN LOCATION NUMBER AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH SIGN.

NOTE: SPRINKLER SYSTEM TO BE PROVIDED IN ACCORDANCE WITH THE COBB COUNTY FIRE PROTECTION AND LIFE SAFETY ORDINANCE. SPRINKLER CONTRACTOR SHALL OBTAIN A SPRINKLER SYSTEM PERMIT FROM THE COBB COUNTY FIRE MARSHAL'S OFFICE PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE A SPRINKLER SYSTEM TEST CERTIFICATE AT THE TIME OF FINAL INSPECTION. SPRINKLER SYSTEMS SHALL BE OFF SITE MONITORED AT A CONSTANTLY ATTENDED LOCATION.

ALL BUILDINGS DESCRIBED IN THESE PLANS SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE FOLLOWING CODES, WHICH INCLUDE REVISIONS, AMENDMENTS AND APPENDICES:
INTERNATIONAL BUILDING CODE - 2012 EDITION WITH 2014/15 GEORGIA STATE AMENDMENTS
INTERNATIONAL FUEL GAS CODE - 2012 EDITION WITH 2014/15 GEORGIA STATE AMENDMENTS
INTERNATIONAL MECHANICAL CODE - 2012 EDITION WITH 2014/15 GEORGIA STATE AMENDMENTS
INTERNATIONAL PLUMBING CODE - 2012 EDITION WITH 2014/15 GEORGIA STATE AMENDMENTS
INTERNATIONAL FIRE CODE (IFC) - 2012 EDITION WITH 2014/15 GEORGIA STATE AMENDMENTS
NATIONAL ELECTRICAL CODE - 2011 EDITION (NO AMENDMENTS)
INTERNATIONAL ENERGY CONSERVATION CODE - 2009 EDITION WITH 2011 & 2012 GEORGIA STATE SUPPLEMENTS & AMENDMENTS
NFPA 70 LIFE SAFETY CODE - 2012 EDITION WITH GEORGIA STATE AMENDMENTS
THE GEORGIA ACCESSIBILITY STANDARDS

NOTE: DO NOT REPRODUCE THESE DRAWINGS OR PROJECT MANUAL WITHOUT THE WRITTEN CONSENT OF CUNNINGHAM FOREHAND MATTHEWS & MOORE ARCHITECTS, INC.

BUILDING SCOPE INFO:
CONSTRUCTION CLASSIFICATION:
TYPE OF CONSTRUCTION: IS (SEE PL)
FULLY SPRINKLERED: YES
NUMBER OF STORIES: 2
OCCUPANCY CLASSIFICATION: EDUCATION
DESIGN F.T.E.: 122 STUDENTS

SQUARE FOOTAGE BREAKDOWN:
LOWER LEVEL: 12,460 SF
MAIN LEVEL: 64,410 SF
TOTAL BLDG. AREA: 186,930 SF



DO NOT DUPLICATE WITHOUT PERMISSION

NOTE: REFERENCES IN THESE DOCUMENTS TO BUILDING SQUARE FOOTAGES ARE FOR OWNER'S PURPOSES ONLY. DO NOT RELY ON THESE NUMBERS FOR BIDDING PURPOSES. CONTRACTOR IS RESPONSIBLE FOR ESTIMATING ALL QUANTITIES.

NOTE: COMBUSTIBLE INTERIOR FINISH PRODUCTS SHALL BE PROVIDED PER THE REQUIREMENTS OF THE RESPECTIVE OCCUPANCY CHAPTER OF THE NFPA 70 LIFE SAFETY CODE 2012 EDITION. CONTRACTOR SHALL PROVIDE VERIFICATION AT THE TIME OF FINAL INSPECTION THAT THE PRODUCTS COMPLY WITH THE REQUIREMENTS.

NOTE: FIRE ALARM SYSTEM TO BE PROVIDED IN ACCORDANCE WITH THE COBB COUNTY FIRE PROTECTION AND LIFE SAFETY ORDINANCE AND NFPA 72. FIRE ALARM CONTRACTOR SHALL OBTAIN A FIRE ALARM SYSTEM PERMIT FROM THE COBB COUNTY FIRE MARSHAL'S OFFICE PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE A FIRE ALARM SYSTEM TEST CERTIFICATE AT THE TIME OF FINAL INSPECTION.

THE LOCAL FIRE OFFICIAL HAVING JURISDICTION HAS REVIEWED AND APPROVED A SET OF DOCUMENTS ON _____ (DATE) A CONSTRUCTION PERMIT WILL BE ISSUED TO THE CONTRACTOR AT THE START OF CONSTRUCTION
ARCHITECT

DESIGNERS OF RECORD:
ARCHITECT:
RAY B. MOORE (CUNNINGHAM FOREHAND MATTHEWS & MOORE, ARCHITECTS, INC.)
201 MANCHESTER STREET, N.E., ATLANTA, GA 30324 PH: (404) 873-2152
STRUCTURAL ENGINEER:
ROBERT N. STONE (PERMIT EBERLY STONE, STRUCTURAL ENGINEERS)
1892 CENTURY PLACE, SUITE 201, ATLANTA, GA 30349 PH: (770) 491-8923
SITE CIVIL DESIGNER:
ROBERT E. MOORE (BREDENLOVE LAND PLANNING, INC.)
P.O. BOX 2150 148 HEDDANIEL HILL ROAD, CONYERS, GA 30012 PH: (770) 483-1715
PLUMBING, MECHANICAL, ELECTRICAL ENGINEER:
BARRY T. SPRUNLOCK (SPRUNLOCK & ASSOCIATES, INC.)
2810 CLAYMONT ROAD, N.E., SUITE 600, ATLANTA, GA 30329 PH: (404) 633-8249



cunningham, forehand, matthews & moore
atlanta, georgia 30324 - phone (404) 873-2152

CS