

# MOUNTAIN BROOK JUNIOR HIGH SCHOOL

## ADDITIONS & RENOVATIONS - MOUNTAIN BROOK SCHOOLS

# CONSTRUCTION DOCUMENTS

DAVIS ARCHITECTS PROJECT NO. 3469

STATE OF ALABAMA BUILDING COMMISSION NUMBER: 2006094

APRIL 24, 2007



MOUNTAIN BROOK SCHOOLS



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MOUNTAIN BROOK JUNIOR HIGH SCHOOL  
ADDITIONS & RENOVATIONS - MOUNTAIN BROOK SCHOOLS  
MOUNTAIN BROOK, ALABAMA



DAVIS ARCHITECTS



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COVER & INDEX SHEET

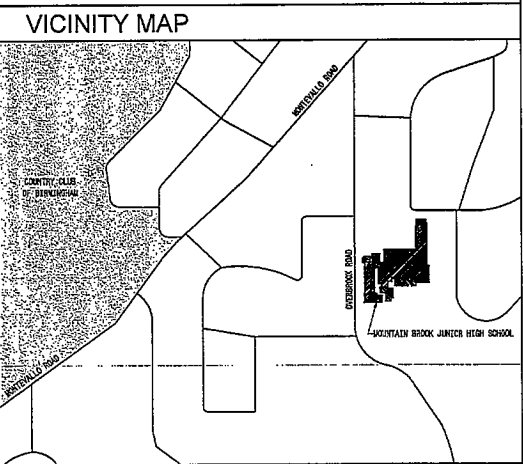
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GENERAL NOTES	PROJECT TEAM	LIST OF DRAWINGS	DRAWING SYMBOLS	ABBREVIATIONS
<p>1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS, RULES AND LAWS OF LOCAL, MUNICIPAL, OR STATE AUTHORITIES HAVING JURISDICTION.</p> <p>2. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.</p> <p>3. THE CONTRACTOR SHALL VERIFY ALL SITE ELEVATIONS AND EXISTING FINISH FLOOR HEIGHTS AND DIMENSIONS FOR COORDINATION WITH NEW WORK ON THE JOB AND BE RESPONSIBLE FOR THE SAME.</p> <p>4. THE EXISTING CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS CONTAINED HEREIN ARE ASSUMED BY THE ARCHITECT BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE JOB SITE AND NOTIFY THE ARCHITECT OF DISCREPANCIES FROM THESE DRAWINGS.</p> <p>5. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS OF EXISTING AREAS IN WHICH WORK IS TO BE DONE. MAKE AND/OR CHANGES ON DIMENSIONS WHERE NECESSARY TO COORDINATE THE FIT OF THE WORK IN ACCORDANCE WITH THE GENERAL INTENT OF THE DRAWINGS ON THE JOB. IN THE EVENT OF THE DISCOVERY OF MAJOR DISCREPANCIES BETWEEN THE DIMENSIONS SHOWN IN THE DRAWINGS AND THOSE ACTUALLY FOUND IN THE FIELD, THE CONTRACTOR SHALL REPORT THESE TO THE ARCHITECT AND SHALL NOT PROCEED WITH THE WORK IN QUESTION UNTIL PROPER ADJUSTMENTS OF THE DRAWINGS HAVE BEEN MADE.</p> <p>6. IF IN THE COURSE OF DEMOLITION OF EXISTING CONSTRUCTION, UTILITIES OR SERVICES DISCOVERED THAT ARE NOT SHOWN IN THE DRAWINGS TO BE SPECIFICALLY REMOVED SHALL BE LEFT INTACT UNTIL THE ARCHITECT IS NOTIFIED AND A COURSE OF ACTION IS DETERMINED.</p> <p>7. THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS.</p> <p>8. THE GENERAL CONTRACTOR SHALL REVIEW LIFE SAFETY PLANS FOR CONTRACT DOCUMENT REQUIREMENTS RELATIVE TO RATED CONSTRUCTION, FIRE EXITS/EGRESS, ETC.</p> <p>9. NEITHER THE ARCHITECT NOR THE OWNER SHALL BE RESPONSIBLE FOR JOB SITE SAFETY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SITE SAFETY AND SAFETY OF THE PUBLIC WHILE THIS PROJECT IS IN PROGRESS. THE GENERAL CONTRACTOR SHALL PROVIDE APPROPRIATE WARNING, BARICADES, ETC. AS REQUIRED BY CODES.</p> <p>10. THE GENERAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THE FULL SCOPE AND EXTENT OF WORK. EXISTING CONDITIONS SHALL BE THOROUGHLY RECORDED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND CONDITIONS REPRESENTED BY DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BEGINNING CONSTRUCTION ON THE AFFECTED AREA. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO, PILING UTILITIES, STRUCTURE, DIMENSIONS, AND FINISHES PRIOR TO COMMENCING WORK. ANY EXISTING CONDITIONS CONTRARY TO COMPLETE THE WORK AS INDICATED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY FOR RESOLUTION.</p> <p>11. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR COORDINATING DETAILS RELATING TO EXISTING UNUSUAL CONDITIONS. THE GENERAL CONTRACTOR SHALL COORDINATE NEW CONSTRUCTION WITH EXISTING CONSTRUCTION AND INVESTIGATE AND VERIFY AS NECESSARY REGARDING ANY EXISTING UNUSUAL CONDITIONS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL REGULATIONS, LAWS, AND/OR ORDINANCES AFFECTING THE METHODS OF DEMOLITION AND THE DISPOSAL OF WASTE MATERIALS. THE OWNER ASSUMES NO LIABILITY FOR EXTRA WORK OR ADDITIONAL COMPENSATION DUE TO FAILURE OF THE GENERAL CONTRACTOR OR SUBCONTRACTOR TO COMPLY WITH ANY SUCH REGULATIONS THAT APPLY.</p> <p>12. THESE PLANS AND RELATED DOCUMENTS ARE FOR DESIGN INTENT AND FOR BASIC CONSTRUCTION REQUIREMENTS ONLY. REVIEW BY DAVIS ARCHITECTS, INC. OF EXISTING CONDITIONS WAS BASED ON A CASUAL VISUAL REVIEW OF THE EXISTING SITE, AND VARIOUS OTHER PROVIDED INFORMATION WHICH, IN CERTAIN CASES, INDICATE UNCLEAR AND/OR CONFLICTING INFORMATION.</p> <p>13. THE GENERAL CONTRACTOR SHALL NOT BE RESPONSIBLE FOR WORK REQUIRED TO CORRECT EXISTING CONDITIONS WHICH COULD NOT BE ASCERTAINED BY A THOROUGH REVIEW OF THE SITE CONDITIONS AND OWNER PROVIDED DOCUMENTS.</p> <p>14. THE GENERAL CONTRACTOR SHALL SEAL ALL PENETRATIONS AT EXTERIOR WALLS AND ROOF TO INSURE WEATHER-TIGHTNESS AT BUILDING ENVELOPE - SEE SPECIFICATIONS.</p> <p>15. CONSTRUCTION STAGING AREA IS TO BE DETERMINED BY THE OWNER. SEE BID DOCUMENTS FOR DESIGNATED STAGING AREA.</p> <p>16. THE GENERAL CONTRACTOR SHALL COORDINATE MISCELLANEOUS STRUCTURAL OR NON-STRUCTURAL STEEL MEMBERS SHOWN ARCHITECTURALLY (BUT NOT STRUCTURALLY) WITH SUBCONTRACTORS PROVIDING SUCH WORK.</p> <p>17. SEAL ALL PENETRATIONS OF FIRE-RATED CONSTRUCTION AS REQUIRED BY LOCAL CODES. ALL FIRE-RATED PARTITIONS SHALL BE PERMANENTLY INDICATED ABOVE ANY CEILING AND/OR CONCEALED SPACES. THE LETTERING SHALL BE 2 INCHES TALL AND SPACED EVERY 12 FEET. SUGGESTED WORDING TO READ AS FOLLOWS: "R FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." THE GENERAL CONTRACTOR SHALL VERIFY WITH LOCAL FIRE MARSHAL OR BUILDING OFFICIAL HAVING AUTHORITY.</p> <p>18. PLUMBING, MECHANICAL, AND ELECTRICAL WORK REQUIRED BY THIS CONTRACT IS NOTED ON CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THIS WORK WITH ALL TRADES. CHANGE ORDERS SHALL NOT BE APPROVED FOR EXTRA WORK ARISING FROM THE GENERAL CONTRACTOR NOT COORDINATING THE WORK.</p> <p>19. THE GENERAL CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL OWNER PROVIDED REELS OR SYSTEMS WITH WORK OF THIS PACKAGE (I.E. ITEMS NOTED ON THE DRAWINGS, ETC.).</p> <p>20. IF AN UNRESOLVED CONFLICT EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS PRIOR TO THE BID, THE CONTRACTOR SHALL BID MORE EXPENSIVE CONDITION.</p>	<p><b>OWNER:</b> MOUNTAIN BROOK BOARD OF EDUCATION BIRMINGHAM, ALABAMA PH. (205) 971-4808 FAX (205) 877-8303 ATTN: CHARLES MASON</p> <p><b>ARCHITECT:</b> DAVIS ARCHITECTS BIRMINGHAM, ALABAMA PH. (205) 322-7482 FAX (205) 322-7485 ATTN: GREG GLEVER, JIM HARTSELL, MEGHAN YOUNG</p> <p><b>STRUCTURAL ENGINEER:</b> LOYD BIRMINGHAM, ALABAMA PH. (205) 349-2100 FAX (205) 349-2107 ATTN: WIM BISHOP</p> <p><b>CIVIL ENGINEER:</b> LEVD BIRMINGHAM, ALABAMA PH. (205) 488-0248 FAX (205) 488-0226 ATTN: TIM ROBERTS</p> <p><b>MECH. / PLUMBING ENGINEER:</b> WHITAKER &amp; RAWSON BIRMINGHAM, ALABAMA PH. (205) 870-9801 FAX (205) 870-0891 ATTN: VINCE BLACKBERRY, CAROL JOHNSON</p> <p><b>GEOTECHNICAL CONSULTANT:</b> GALLET &amp; ASSOCIATES BIRMINGHAM, ALABAMA PH. (205) 942-1289 FAX (205) 942-1266 ATTN: FRANK WHITMAN</p> <p><b>LANDSCAPE ARCHITECT:</b> HANSEN L/A BIRMINGHAM, ALABAMA PH. (205) 714-9963 FAX (205) 714-9964 ATTN: GREG HANSEN</p> <p><b>ELECTRICAL ENGINEER:</b> JACKSON RENFRO &amp; ASSOC. BIRMINGHAM, ALABAMA PH. (205) 995-1078 FAX (205) 995-1399 ATTN: TIM COOKE</p>	<p><b>TITLE</b></p> <p>1 TO.1 COVER &amp; INDEX SHEET 2 LS1.1 FIRST FLOOR LIFE SAFETY PLAN 3 LS1.2 SECOND FLOOR LIFE SAFETY PLAN &amp; CODE ANALYSIS</p> <p><b>LANDSCAPE</b></p> <p>4 L1 LANDSCAPE PLAN 5 L2 LANDSCAPE DETAILS</p> <p><b>CIVIL</b></p> <p>6 C1.0 DEMOLITION PLAN 7 C2.0 SITE LAYOUT PLAN 8 C3.0 GRADING AND DRAINAGE PLAN 9 C4.0 SEDIMENTATION &amp; EROSION CONTROL PLAN 10 CS.0 SITE UTILITY PLAN 11 CS.0 SANITARY SEWER PLAN &amp; PROFILE 12 C7.0 SECTIONS &amp; DETAILS</p> <p><b>ARCHITECTURAL</b></p> <p>13 A0.1 ARCHITECTURAL SITE PLAN 14 A1.1 FIRST FLOOR DEMOLITION PLAN 15 A1.2 SECOND FLOOR DEMOLITION PLAN 16 A2.1 FIRST FLOOR COORDINATION PLAN 17 A2.2 SECOND FLOOR COORDINATION PLAN 18 A2.3 ROOF PLAN 19 A2.4 ENLARGED FLOOR PLANS @ ADDITIONS 20 A2.5 ENLARGED FLOOR PLANS @ RENOVATIONS 21 A2.6 DOOR SCHEDULE AND DETAILS 22 A3.1 BUILDING ELEVATIONS 23 A3.2 WALL SECTIONS @ ATHLETIC ADDITION 24 A3.3 WALL SECTIONS @ ATHLETIC ADDITION 25 A3.4 WALL SECTIONS @ ATHLETIC ADDITION 26 A3.5 WALL SECTIONS @ BAND ADDITION 27 A3.6 WALL SECTIONS @ BAND ADDITION 28 A3.7 WALL SECTIONS @ RENOVATIONS 29 A3.8 EXTERIOR DETAILS 30 A3.9 ROOF DETAILS 31 A4.1 ENLARGED PLANS &amp; INTERIOR ELEVATIONS 32 A4.2 ENLARGED PLANS &amp; INTERIOR ELEVATIONS 33 A5.1 REFLECTED CEILING PLAN @ ADDITIONS 34 A5.2 REFLECTED CEILING PLAN @ RENOVATIONS 35 A6.1 INTERIOR DETAILS 36 A9.1 FINISH PLAN @ ADDITIONS 37 A9.2 FINISH PLAN @ RENOVATIONS</p> <p><b>STRUCTURAL</b></p> <p>38 S1.1 GENERAL NOTES 39 S1.2 ABBREVIATIONS, TYP. DETAILS &amp; SCHEDULES 40 S1.3 TYPICAL DETAILS 41 S2.1 ATHLETIC ADDITION FOUNDATION &amp; ROOF FRAMING PLAN 42 S2.2 BAND ROOM ADDITION FOUNDATION &amp; ROOF FRAMING PLAN 43 S2.3 LOCKER ROOM ADDITION FOUNDATION &amp; SECOND FLOOR FRAMING 44 S2.4 ACADEMIC SUPPORT ADDITION FOUNDATION &amp; ROOF FRAMING 45 S3.1 SECTIONS 46 S3.2 SECTIONS 47 S3.3 SECTIONS</p>	<p><b>MECHANICAL</b></p> <p>48 M0.1 EQUIP. SCHEDULES, LEGENDS &amp; DETAILS 49 M1.1 DEMOLITION PLANS- HVAC 50 M2.1 FLOOR PLANS- HVAC 51 M2.2 FLOOR PLANS- HVAC 52 M2.3 ROOF PLAN- HVAC 53 M3.0 CONTROLS</p> <p><b>PLUMBING:</b></p> <p>54 P0.1 PLUMBING SCHEDULES, LEGENDS, NOTES, DETAILS &amp; RISERS 55 P1.1 DEMO FLOOR PLANS - PLUMBING 56 P1.2 DEMO FLOOR PLANS - PLUMBING 57 P2.1 FLOOR PLANS - NON-PRESSURE PIPING 58 P2.2 FLOOR PLANS - NON-PRESSURE PIPING 59 P2.3 ROOF PLAN- PLUMBING 60 P3.1 FLOOR PLANS - PRESSURE PIPING 61 P3.2 FLOOR PLANS - PRESSURE PIPING 62 P3.3 ROOF PLAN - PRESSURE PIPING</p> <p><b>ELECTRICAL</b></p> <p>63 E1.1 LEGENDS, NOTES, SCHEDULES &amp; DIAGRAMS 64 E2.1 FIRST FLOOR OVERALL ELEC. PLANS 65 E2.2 SECOND FLOOR OVERALL ELEC. PLANS 66 E2.3 FIRST FLOOR ELEC. DEMO PLAN 67 E2.4 SECOND FLOOR ELEC. DEMO PLAN 68 E3.1 LARGE SCALE LIGHTING PLANS 69 E3.2 LARGE SCALE LIGHTING PLANS 70 E4.1 LARGE SCALE POWER PLANS 71 E4.2 LARGE SCALE POWER PLANS</p> <p><b>MATERIALS LEGEND</b></p> <p>CONCRETE BRICK CONCRETE MASONRY UNIT RIGID INSULATION BATT INSULATION WOOD BLOCKING FRAMING PLYWOOD FINISH WOOD GLASS GYPSUM BOARD CARPET</p>	<p><b>DRAWING SYMBOLS</b></p> <p>SECTION NUMBER SHEET NUMBER ELEVATION NUMBER SHEET NUMBER DETAIL NUMBER SHEET NUMBER FINISH FLOOR ELEVATION ELEVATION ROOM NUMBER PARTITION TYPE SEE SCHEDULE SHEETS A2.1-A2.4, A4.1-4.3 DOOR TYPE SEE SCHEDULE SHEET A2.7 FRAME DETAIL(S) SEE SHEET A2.7 HARDWARE SET WINDOW TYPE SEE SCHEDULE SHEET A2.8 LOWER TYPE SEE SCHEDULE SHEET A2.7 TOILET ACCESSORY SEE SCHEDULE SHEETS A4.1, A4.2 CEILING TYPE AND HEIGHT SEE SCHEDULE SHEETS A6.1-A6.7 WALL, BASE, AND FLOOR FINISH SEE SCHEDULE SHEETS A9.1-A9.3</p> <p><b>ABBREVIATIONS</b></p> <p>ADA AMERICANS WITH DISABILITIES ACT ADAAG ADA ACCESSIBILITY GUIDELINES ADD'N ADDITION ADJ ADJUSTABLE AFF ABOVE FINISH FLOOR ALT ALTERNATE ALUM ALUMINUM BD BOARD BRNG BEARING CAB CABINET CER TI CERAMIC TILE CJ CONTROL JOINT CL CENTER LINE COL COLLUM CONST CONSTRUCTION CONT CONTINUOUS CONC CONCRETE CMU CONCRETE MASONRY UNIT DR DOOR DWG DRAWING EGW EGRESS WINDOW EL ELEVATION ELEC ELECTRICAL EIFS EXTERIOR INSULATION &amp; FINISH SYSTEM EQD EQUAL EQU EQUIPMENT ENC ELECTRICAL WATER COOLER EXIST EXISTING EXT EXTERIOR FD FLOOR DRAIN FIN FINISH FEC FIRE EXTINGUISHER CABINET FEX FIRE EXTINGUISHER FLG FLOORING FLOR FLOURESCENT FND FOUNDATION FOF FACE OF FINISH FRT FIRE RETARDANT TREATED GYP GYPSUM GWB GYPSUM BOARD GLS GLASS GA GAUGE GR GRADE HC HANDICAPPED HM HOLLOW METAL</p> <p>HORZ HORIZONTAL HT HEIGHT INSUL INSULATION JAN JANITOR J.B. JOIST BEARING LAM LAMINATE LAV LAVATORY MAX MAXIMUM MED MEDIUM MIL MILLIMETER MIN MINIMUM M.O. MASONRY OPENING MR MOISTURE RESISTANT MTL METAL NIC NOT IN CONTRACT NUMBER O C ON CENTER O D OUTSIDE DIAMETER OPP. OPPOSITE HAND PART PARTITION PLAS PLASTER PLBG PLUMBING PROJ PROJECT PVC POLYVINYL CHLORIDE PT PRESSURE TREATED REQ'D REQUIRED RFG ROOFING R.O. ROOF OPENING SECT SECTION S C SOLID CORE SIM SIMILAR S S STAINLESS STEEL STL STEEL TEL TELEPHONE TEMP TEMPERED THK THICK T O TOP OF TOM TOP OF MASONRY TOS TOP OF STEEL TYP TYPICAL VERT VERTICAL VEST VESTIBULE V.I.F. VERIFY IN FIELD WD WOOD WG WIRE GLASS</p>



DATE: APR. 23, 2007 TIME: 11:17 AM