MCKINLEY MIDDLE MAGNET SCHOOL

EAST BATON ROUGE PARISH SCHOOL BOARD

Charlotte Placide
Interim Superintendent

Ingrid Kelly
District 1

Warren L. Pratt, Jr.
District 2

Darryl Robertson
District 3

Tarvald Smith
District 4

Alfred C. Willams
District 5

Patricia Haynes-Smith
Vice President
District 6

Noel Hammatt
District 7

Roger Moser
President
District 8

Janet Pace
District 9

Jill Dyason-LaBarbera
District 10

Jay Devall
District 11

William P. "Bill" Black
District 12

ARCHITECT:

Robert M. Coleman & Partners Architects A.I.A.
3377 North Boulevard
Baton Rouge, Louisiana 70806
tel 225.387.4414

STRUCTURAL ENGINEER:
McKEE & DEVILLE
CONSULTING ENGINEERS INC.
5131 Payne Drive
Baton Rouge, LA.
(225) 767-7841

MECHANICAL AND ELECTRICAL ENGINEER:
ASSAF, SIMONEAUX, TAUZIN AND ASSOCIATES
8417 Kelwood Avenue
Baton Rouge, LA.
(225) 926-5600

PROGRAM MANAGER:
CSRS/THE FACILITY GROUP
2875 Michelli Drive
Baton Rouge, LA.
(225) 226-3770

CIVIL ENGINEER:
ABMB Engineers
500 Main Street
Baton Rouge, LA.
(225) 765-7400

ACOUSTICAL CONSULTANT:
N.B. TRAYLOR & ASSOCIATES
8280 YMCA Plaza Drive
Building 10B
Baton Rouge, LA.
(225) 761-1112

KITCHEN CONSULTANT:
FUTCH DESIGN ASSOCIATES, INC.
8966 Interline Ave, Suite C
Baton Rouge, LA.
(225) 923-1289

OCTOBER 15, 2004

KEYNOTES

KEY WORD	DESCRIPTION
04200.A1	4" VENEER FACE BRICK RE: ELEVATIONS AND DETAILS FOR LOCATIONS OF ACCENT COLORS OF BRICK
04200.A2	SOLDIER COURSE
04200.A3	ROWLOCK COURSE
04200.A4	4" FACE BRICK – ACCENT COLOR
04200.A5	4" FACE BRICK – FIELD COLOR
04200.B1	BRICK ROWLOCK SILL TYPICAL
04200.D1	COPPER FABRIC THRU–WALL FLASHING
04200.D2	WEEP HOLES @ 24" O.C. – OPEN HEAD JOINT TYP.
04200.D3	MASONRY CONTROL JOINT
04200.E1	ADJUSTABLE MASONRY VENEER WALL TIES (FOR PRECAST) @ 16" O.C. VERT. MAX 24" O.C. HORIZ. MAX. HECKMANN "POST–I–TIE" TAPON SCREW AND POST–I–TIE TRIANGLE WIRE TIE OR APPROVED EQUAL
04200.E2	TWO PIECE LADDER TYPE HORIZONTAL REINFORCING WITH ADJUSTABLE EYE AND WIRE TIE
04200.E3	ADJUSTABLE MASONRY VENEER WALL TIES @ 16" O.C. VERT. MAX. 24" O.C. HORIZ. MAX
04200.E5	LADDER TYPE HORIZONTAL REINFORCING @ 16" o.c. VERTICAL TYPICAL
04200.E6	FILL CORE W/ CONCRETE AND #5 VERTICAL
04200.F1	8 X 8 X 16 CONCRETE MASONRY UNITS
04200.F2	CONCRETE MASONRY U–BLOCK CONCRETE FILLED WITH 2– #5 REBAR CONT.
04200.F3	4" X 8" X 16" CONCRETE MASONRY BLOCK
04200.F4	8 X 8 X 16 CONCRETE MASONRY UNITS REINFORCED W/ #5 BAR VERTICAL AND FILL ALL CELLS AT 48" O.C. TYPICAL
04200.F5	CONCRETE MASONRY U–BLOCK BOND BEAM CONCRETE FILLED WITH 2– #5 REBAR
04200.F6	6 X 8 X 16 CONCRETE MASONRY BLOCK
04200.F7	CONCRETE MASONRY U–BLOCK CONCRETE FILLED
04200.G1	CAVITY WALL INSULATION
05400.A1	6" METAL STUDS @ 16" O.C.
05400.A10	3" X 3" 16 GA. COLD–FORMED STEEL ANGLE
05400.A3	3–5/8" METAL STUDS
05400.A4	3–5/8" METAL STUD TRACK
05400.A5	7/8" – 20 GA. FURRING CHANNEL
05400.A7	7/8" HAT CHANNELS @ 24" O. C. VER
05400.A8	6" METAL JOIST @ 12"o.c.
05400.B1	GYPSUM SHEATHING
05500.A1	STEEL ANGLE LINTEL
05511.A1	1 1/2" DIA. STEEL POST
05511.A2	1 1/2" DIA. STEEL TOP RAIL
05511.A3	1 1/2" DIA. STEEL BOTTOM RAIL
05511.A4	3/4" STEEL BALUSTER @ 4" O.C. MAX.
05511.B1	1 1/2" O.D. STEEL HANDRAIL WALL MOUNTED
05511.B2	1 1/2" O.D. STEEL HANDRAIL
05511.C1	CONCRETE FILLED METAL PAN STAIR TREAD
05511.C2	CONCRETE FILLED METAL STAIR LANDING
05511.D1	METAL STAIR STRINGER STEEL CHANNEL RE: STRUCTURAL
05515.A1	FIXED ALUMINUM WALL LADDER
05811.A1	EXPANSION JOINT COVER – WALL
05811.A3	EXPANSION JOINT COVER – ROOF
06100.A1	2X WOOD BLOCKING
06100.A2	PRESSURE TREATED 2X WOOD BLOCKING
06100.A3	1X WOOD BLOCKING
06100.A5	PRESSURE TREATED WOOD BLOCKING
06100.B1	3/4" PLYWOOD SHEATHING
06402.A1	1x WOOD TRIM
07120.A1	FLUID APPLIED WATERPROOFING OVER PRECAST PANEL. SEAL ALL PANEL JOINTS WITH BACKER ROD AND SEALANT
07120.A2	FLUID APPLIED WATERPROOFING OVER CMU
07170.A1	BENTONITE WATERPROOFING
07210.A1	8" BATT. INSULATION
07210.B1	LOOSE FILL INSULATION R–30 MINIMUM
07311.A1	ASPHALT SHINGLES
07311.B2	2 LAYERS OF #15 ASPHALT SATURATED FELT
07311.C1	PREFINISHED METAL DRIP EDGE
07311.D1	PREFINISHED METAL EXPANSION JOINT FLASHING AND CLEATS
07311.D2	STEP FLASHING
07527.A1	SBS–MODIFIED BITUMEN ROOFING BASE LAYER
07527.A2	SBS–MODIFIED BITUMEN CAPSHEET
07527.A3	SBS–MODIFIED BITUMEN STRIP FLASHING IN ACCORDANCE TO MANUFACTURER STANDARDS
07527.A4	SBS– MODIFIED BITUMEN COUNTER FLASHING EXTEND UP PARAPET AND ATTACH IN ACCORDANCE TO MANUFACTURER STANDARDS
07527.B1	CANT STRIP
07527.C1	INSULATION BOARD – MULTI–LAYERED
07620.A1	SCUPPER, CONDUCTOR HEAD AND DOWN SPOUT RE: SPECIFICATIONS
07620.A2	PREFINISHED METAL COPING WITH CONTINUOUS HOLD DOWN CLEAT
07620.A3	MASONRY REGULATE/ RECEIVER FLASHING AND METAL COUNTER FLASHING
07620.C1	CONTINUOUS METAL FLANGE SECURED WITH SCREWS, WITH WASHERS AT 18" O.C.
07620.C2	METAL EXPANSION CAP – 12'–0" LONG MAX. – JOIN ENDS WITH STANDING SEAMS
07710.A1	MANUFACTURED COPPER GABLE END VENT
07719.A1	PREFINISHED METAL SOFFIT PANEL
07719.A2	PREFINISH "J" CLOSURE TO MATCH PANEL
07719.A3	PREFINISHED METAL FASCIA MATCH FINISH OF SOFFIT PANEL
07900.A1	BACKER ROD AND SEALANT
07900.A2	SEALANT
07920.A2	FIRE CAULK
08111.A1	HOLLOW METAL FRAME
08410.A1	ALUMINUM STOREFRONT FRAMING (EXTERIOR WINDOWS)
08410.A2	ALUMINUM STOREFRONT ENTRANCE DOORS & FRAME (EXTERIOR)
08410.B1	ALUMINUM STOREFRONT FRAMING (INTERIOR)
08410.B2	ALUMINUM STOREFRONT ENTRANCE DOORS & FRAME (INTERIOR)
08410.C1	NEOPRENE SHIM
08410.D4	EXTRUDED ALUMINUM SILL FLASHING TO MATCH STOREFRONT. EXTEND UP BEHIND STOREFRONT.
08410.D5	EXTRUDED ALUM. SILL FLASHING TO MATCH STOREFRONT
08800.A1	1/4" TINTED AND HEAT TREATED FLOAT GLASS
08800.A2	1/4" TEMPERED GLASS – INTERIOR GLAZING
08911.A1	ALUMINUM CURTAIN WALLS
09250.A1	5/8" GYPSUM BOARD
09250.A2	5/8" IMPACT RESISTANT GYPSUM BOARD
09250.A3	5/8" CEMENTITIOUS BOARD
09250.B1	3–5/8" METAL STUDS
09250.B2	6" METAL STUDS
09250.B3	METAL STUD TRACK
09250.B5	2–1/2" x 2–1/2" COLD ROLLED ANGLE (20 GA.)
09250.B6	1–5/8" METAL STUDS @ 16" O.C.
09250.B9	10" METAL STUDS @ 16"o.c.
09250.C1	SOUND ATTENUATION INSULATION – COMPLETELY FILL CAVITY
09250.D2	ACOUSTICAL SEALANT
09250.E1	1–1/2" METAL FURRING CHANNEL @ 16" O.C.
09250.E4	7/8" METAL FURRING CHANNEL @ 16" O.C.
09250.F2	5/8" GYPSUM BOARD FURR–DOWN
09250.G1	EXTRUDED ALUMINUM DRYWALL REVEAL 3/4" – TYPE F" REVEAL
09250.G2	EXTRUDED ALUMINUM DRYWALL REVEAL 1" – TYPE F" REVEAL
09250.G3	EXTRUDED ALUMINUM DRYWALL REVEAL 2" – TYPE F" REVEAL
09250.H1	NESTED DBL 6" METAL STUD BOX BEAM
09250.H2	NESTED DBL 3–5/8" METAL STUD BOX BEAM
09250.H3	NESTED DBL 8" METAL STUD BOX BEAM
09250.X1	INSTALL 7/8" HAT CHANNELS @ 16 O.C. ON UNDERSIDE OF ALL PRE–ENGINEERED TRUSSES. INSTALL 5/8" GYPSUM BOARD ACROSS ENTIRE UNDERSIDE OF TRUSSES. TAPE AND FLOAT BEFORE ERECTING PARTITIONS TO UNDERSIDE OF GYPSUM BOARD.
09300.A1	CERAMIC WALL TILE
09511.A1	SUSPENDED 2 X 2 ACOUSTICAL CEILING TILE
09640.A0	WOOD FLOORING – STAGE
09640.A1	1X TREATED SLEEPERS
09640.A2	TREATED BLOCKING
09640.A3	PLYWOOD
09640.B1	WOOD TREAD (MATCH STAGE FLOORING)
09640.B2	WOOD RISER (MATCH STAGE FLOORING)
09642.A0	WOOD GYMNASIUM FLOORING
09900.A1	PAINT RE: FINISH SCHEDULE
10100.A1	WHITE MARKER BOARD (DRY–ERASE) (4'H X 16'W)
10100.A3	WHITE MARKER BOARD (DRY–ERASE) (4'H X 8'W)
10100.A4	WHITE MARKER BOARD (DRY–ERASE) (4'H X 4'W)
10100.C1	TACKBOARD (4'H X 4'W)
10100.C2	TACKBOARD (4'H X 8'W)
10161.A1	TOILET PARTITION
10161.A2	36" TOILET PARTITION DOOR
10161.A3	24" TOILET PARTITION DOOR
10200.A1	EXTRUDED ALUMINUM LOUVER
10350.A1	FLAG POLES
10430.A1	EXTERIOR METAL LETTERS RE: SPECIFICATIONS
10505.A1	CORRIDOR LOCKER – TYPE I DBL. TIER WITH SLOPED TOP
10505.A3	ATHLETIC LOCKER – TYPE II SINGLE TIER WITH SLOPED TOP
10505.A4	PE LOCKER – TYPE IV COMBINATION OF DBL. TIER AND 6 STACKED
10505.A6	BENCHES
10530.A0	WALKWAY COVERS – DRAINABLE
10530.A1	WALKWAY COVER COLUMN (DRAINABLE)
10530.A2	WALKWAY COVER FASCIA
10530.A3	WALKWAY COVER BEAM
10530.A4	WALKWAY COVER DECK
10530.A6	WALKWAY COVER TRIM ANGLE
10800.A1	36" GRAB BAR
10800.A2	42" GRAB BAR
10800.A3	ADA SHOWER GRAB BAR
10800.B2	TOILET TISSUE DISPENSER (NOT IN CONTRACT)
10800.B4	SOAP DISPENSER – WALL MOUNT (NOT IN CONTRACT)
10800.C1	GLASS MIRROR (24" X 36")
10800.C2	GLASS MIRROR (36" X 72")
10800.C3	GLASS MIRROR (3'–6" X 10'–6")
10800.E1	ELECTRIC HAND DRYER
10800.F1	FOLD–DOWN SHOWER SEAT
10800.G1	SHOWER ROD AND CURTAIN
11132.A2	MANUALLY OPERATED, WALL MOUNTED PROJECTION SCREEN (8' W X 8' H)
11490.A2	RETRACTABLE BASKETBALL GOAL (FIBERGLASS)
11490.A3	BASKETBALL GOAL (TEMPERED GLASS)
11490.A4	BASKETBALL GOAL SUPPORT
11490.B1	WALL SAFETY PAD
11490.C1	VOLLEYBALL FLOOR SLEEVE
12000.A1	LIBRARY FURNITURE – LOW SHELVING UNIT
12000.A10	LIBRARY FURNITURE – CIRCULATION DESK CABINET UNIT W/ HINGED DOORS AND DRAWERS 36"W x 30"D x 38"H
12000.A11	LIBRARY FURNITURE – CIRCULATION DESK CLOSED TRIANGULAR CORNER UNIT 30"D x 38"H
12000.A12	LIBRARY FURNITURE – CIRCULATION DESK COMPUTER CENTER W/ HORIZONTAL CPU PEDESTAL/ PRINTER SHELF 72"W x 30"d x 38"H
12000.A13	LIBRARY FURNITURE – CIRCULATION DESK BOOK RETURN UNIT 36"W x 30"D x 38"H
12000.A14	LIBRARY FURNITURE – CIRCULATION DESK FRONT ACCESS DESK FOR ADA 42"W x 30"D x 32"W
12000.A2	LIBRARY FURNITURE – HIGH SHELVING UNIT
12000.A3	LIBRARY FURNITURE – CIRCULATION DESK
12000.A5	LIBRARY FURNITURE – PERIODICAL SHELVING
12000.A6	LIBRARY FURNITURE – DEPRESSIBLE BOOK TRUCK
12000.A7	LIBRARY FURNITURE – ATLAS CASE
12000.A8	LIBRARY FURNITURE – MAGAZINE RACK
12000.A9	LIBRARY FURNITURE – COMPUTER STATION
12322.A1	PLASTIC LAMINATED FACE CASEWORK
12322.A10	PLASTIC LAMINATE COUNTERTOP
12322.A11	ALL OPEN STORAGE SHELVING W/ ADJUSTABLE SHELVES AND ONE FIXED, 18" DEEP x 84" HIGH RE: ELEVATION FOR WIDTH
12322.A14	PLASTIC LAMINATED FACE CASEWORK – OPEN STORAGE UPPER CABINET
12322.A2	PLASTIC LAMINATED FACE CASEWORK WARDROBE CABINET
12322.A3	PLASTIC LAMINATED FACE CASEWORK UPPER CABINET
12322.A4	PLASTIC LAMINATED FACE CASEWORK BASE CABINET
12322.A7	OPEN STORAGE SHELVING WITH 4 ADJUSTABLE SHELVES AND ONE FIXED, WIDTH INDICATED ON DRAWINGS, 24" DEEP BY 84" HIGH
12348.A1	TEACHERS LAB DEMONSTRATION TABLE
12348.A2	STUDENT LAB WORK TABLE (24"x48"X30" HIGH UTILITY TABLES)
12348.A3	STUDENT LAB TABLE
12348.A4	SCIENCE LAB CASEWORK
12348.B1	SAFETY GOGGLE CABINET
12348.B2	FIRE BLANKET
12348.B4	SAFETY SHOWER
12348.B5	SINK WITH HOT AND COLD WATER
12364.A1	4'–0" X 8'–0" RECESSED TROPHY CASEWORK
12610.A1	FIXED AUDIENCE SEATING
12760.A1	ALUMINUM BLEACHERS
NOTE–1	RE: STRUCTURAL
NOTE–1.1	PRE–ENGINEERED ROOF TRUSS RE: STRUCTURAL
NOTE–1.10	STEEL DECKING RE: STRUCTURAL
NOTE–1.11	PRE–CAST CONCRETE CANOPY RE: STRUCTURE
NOTE–1.12	STEEL CHANNEL RE: STRUCTURAL
NOTE–1.13	PRE–CAST CONCRETE BENCH RE: STRUCTURE
NOTE–1.2	PRECAST CONCRETE PANEL RE: STRUCTURAL
NOTE–1.3	METAL ROOF DECK RE: STRUCTURAL
NOTE–1.4	STEEL COLUMN RE: STRUCTURAL
NOTE–1.5	STEEL BEAM RE: STRUCTURAL
NOTE–1.6	STEEL ANGLE RE: STRUCTURAL
NOTE–1.7	STEEL JOIST RE: STRUCTURAL
NOTE–1.8	FOUNDATION RE: STRUCTURAL
NOTE–1.9	CONCRETE SLAB RE: STRUCTURAL
NOTE–10	3'–0" WIDE x 6'–0" HIGH x 1/4" THICK LAMINATED MIRRORED GLASS
NOTE–11	BALLET BAR – VERIFY MOUNTING HEIGHT PRIOR TO ISTALLATION.
NOTE–2	RE: ELECTRICAL
NOTE–2.1	LIGHT FIXTURE RE: ELECTRICAL
NOTE–3	RE: PLUMBING
NOTE–3.1	TOILET RE: PLUMBING
NOTE–3.2	LAVATORY RE: PLUMBING
NOTE–3.3	URINAL RE: PLUMBING
NOTE–3.4	MOP SINK RE: PLUMBING
NOTE–3.5	SINK RE: PLUMBING
NOTE–3.6	DRINKING FOUNTAIN RE: PLUMBING
NOTE–4.2	MECH DUCT RE: MECHANICAL
NOTE–4.4	SMOKE VENT RE: MECHANICAL
NOTE–5	RE: REFLECTED CEILING PLAN – A11 SERIES
NOTE–6	RE: FINISH SCHEDULE
NOTE–8	8'–0" x 8'–0" PEG BOARD WITH 3/4" STAND–OFFS FOR TOOLS

BUILDING INFORMATION

PROJECT ADDRESS: MCKINLEY MIDDLE MAGNET SCHOOL
1550 EDDIE ROBINSON SR. DRIVE
BATON ROUGE, LA 70802

OCCUPANCY: MIXED OCCUPANCY : ASSEMBLY A–3; EDUCATION E; BUSINESS B

CONSTRUCTION I.B.C. – TYPE IIB – SPRINKLED

HIGHEST OCCUPIED STORY 2 STORY

GROSS BUILDING AREAS:		
	1ST FLOOR	78445 SQ. FT.
	2ND FLOOR	40783 SQ. FT.
	TOTAL	119228 SQ. FT.

CODES USED LIFE SAFETY CODE, NFPA 101 – 2003 EDITION
INTERNATIONAL BUILDING CODE (IBC) – 2000 EDITION

INDEX OF DRAWINGS

GENERAL

Rev. No.	Date of Issue		
–	10/15/04	I1.1	INDEX OF DRAWINGS
–	10/15/04	LS–1	LIFE SAFETY PLAN – FIRST FLOOR
–	10/15/04	LS–2	LIFE SAFETY PLAN – SECOND FLOOR

CIVIL

Rev. No.	Date of Issue		
–	10/15/04	––	SURVEY BY SJB
–	10/15/04	C–1	CLEARING MAP
–	10/15/04	C–2.1	SITE LAYOUT
–	10/15/04	C–2.2	SITE LAYOUT
–	10/15/04	C–3	DRAINAGE LAYOUT
–	10/15/04	C–4	STORM WATER POLLUTION PLAN
–	10/15/04	C–5	JOINT LAYOUT
–	10/15/04	C–6.1	MISCELLANEOUS DETAILS
–	10/15/04	C–6.2	MISCELLANEOUS DETAILS
–	10/15/04	C–6.3	MISCELLANEOUS DETAILS
–	10/15/04	C–7.1	SIDE DRAIN SAFETY DETAIL
–	10/15/04	C–7.2	CPS 3–1–2 DETAIL

ARCHITECTURAL

Rev. No.	Date of Issue		
–	10/15/04	A1.0	OVERALL SITE PLAN
–	10/15/04	A1.1	SITE DETAILS
–	10/15/04	A2.1	OVERALL FLOOR PLAN – FIRST FLOOR
–	10/15/04	A2.2	OVERALL FLOOR PLAN – SECOND FLOOR
–	10/15/04	A2.3	OVERALL ROOF PLAN
–	10/15/04	A3.1	PARTIAL FLOOR PLAN – FIRST FLOOR
–	10/15/04	A3.2	PARTIAL FLOOR PLAN – FIRST FLOOR
–	10/15/04	A3.3	PARTIAL FLOOR PLAN – FIRST FLOOR
–	10/15/04	A3.4	PARTIAL FLOOR PLAN – FIRST FLOOR
–	10/15/04	A3.5	PARTIAL FLOOR PLAN – SECOND FLOOR
–	10/15/04	A3.6	PARTIAL FLOOR PLAN – SECOND FLOOR
–	10/15/04	A4.1	WALL TYPES
–	10/15/04	A4.2	DOOR TYPES/WINDOW TYPES
–	10/15/04	A4.3	DOOR SCHEDULE
–	10/15/04	A4.4	DOOR DETAILS
–	10/15/04	A4.5	DOOR DETAILS
–	10/15/04	A6.1	EXTERIOR ELEVATIONS
–	10/15/04	A6.2	ENLARGED EXTERIOR ELEVATIONS
–	10/15/04	A6.3	ENLARGED EXTERIOR ELEVATIONS
–	10/15/04	A6.4	CANOPY ELEVATIONS
–	10/15/04	A7.1	BUILDING SECTIONS
–	10/15/04	A7.2	BUILDING SECTIONS/DETAILS
–	10/15/04	A7.3	BUILDING SECTIONS
–	10/15/04	A7.4	BUILDING SECTIONS
–	10/15/04	A8.1	WALL SECTIONS
–	10/15/04	A8.2	WALL SECTIONS
–	10/15/04	A8.3	WALL SECTIONS
–	10/15/04	A8.4	WALL SECTIONS/DETAILS
–	10/15/04	A8.5	WALL SECTIONS
–	10/15/04	A8.6	WALL SECTIONS/DETAILS
–	10/15/04	A8.7	WALL SECTIONS/DETAILS
–	10/15/04	A8.8	WALL SECTIONS
–	10/15/04	A8.9	WALL SECTIONS
–	10/15/04	A8.10	BUILDING SECTIONS
–	10/15/04	A8.11	STAIR SECTIONS
–	10/15/04	A8.12	BUILDING SECTION/WALL SECTION
–	10/15/04	A8.13	WALL SECTIONS/DETAILS
–	10/15/04	A8.14	WALL SECTION
–	10/15/04	A9.1	COLUMN DETAILS
–	10/15/04	A9.2	COLUMN DETAILS
–	10/15/04	A9.3	COLUMN DETAILS
–	10/15/04	A9.4	COLUMN DETAILS
–	10/15/04	A9.5	COLUMN DETAILS
–	10/15/04	A10.1	INTERIOR ELEVATIONS
–	10/15/04	A10.2	INTERIOR ELEVATIONS
–	10/15/04	A10.3	INTERIOR ELEVATIONS
–	10/15/04	A10.4	INTERIOR ELEVATIONS
–	10/15/04	A10.5	INTERIOR ELEVATIONS
–	10/15/04	A10.6	INTERIOR ELEVATIONS
–	10/15/04	A10.7	INTERIOR ELEVATIONS
–	10/15/04	A10.8	INTERIOR ELEVATIONS
–	10/15/04	A10.9	INTERIOR ELEVATIONS
–	10/15/04	A10.10	MILLWORK DETAILS
–	10/15/04	A10.11	MILLWORK DETAILS
–	10/15/04	A11.1	REFLECTED CEILING PLAN–FIRST FLOOR
–	10/15/04	A11.2	REFLECTED CEILING PLAN–FIRST FLOOR AND SECOND FLOOR
–	10/15/04	A11.3	REFLECTED CEILING PLAN–FIRST FLOOR
–	10/15/04	A11.4	REFLECTED CEILING PLAN–FIRST FLOOR
–	10/15/04	A11.5	REFLECTED CEILING PLAN–SECOND FLOOR
–	10/15/04	A11.6	REFLECTED CEILING PLAN–SECOND FLOOR
–	10/15/04	A12.1	FINISH SCHEDULE
–	10/15/04	A12.2	FIRST FLOOR – FLOOR TILE PATTERN
–	10/15/04	A12.3	SECOND FLOOR – FLOOR TILE PATTERN
–	10/15/04	A13.1	FIRST FLOOR FURNITURE PLAN
–	10/15/04	A13.2	SECOND FLOOR FURNITURE PLAN

INDEX OF DRAWINGS

STRUCTURAL

Rev. No.	Date of Issue		
–	10/15/04	S1	FOUNDATION PLAN/COOLING TOWER SUPPORT
–	10/15/04	S2	SLAB PLAN– MECHANICAL MEZZANINE FRAMING PLAN
–	10/15/04	S3	SECOND FLOOR & LOWER FLOOR FRAMING PLAN
–	10/15/04	S4	ROOF SUPPORT AND HIGH ROOF FRAMING PLAN
–	10/15/04	S5	ROOF FRAMING PLAN
–	10/15/04	S6	COLUMN AND DRILLED FOOTING SCHEDULE
–	10/15/04	S7	DETAILS AND GENERAL NOTES
–	10/15/04	S8	DETAILS

MECHANICAL

Rev. No.	Date of Issue		
–	10/15/04	M1.0	MECHANICAL SITE PLAN
–	10/15/04	M2.1	FIRST FLOOR SPRINKLER PLAN
–	10/15/04	M2.2	SECOND FLOOR SPRINKLER PLAN
–	10/15/04	M3.1	PARTIAL FIRST FLOOR PLUMBING PLAN
–	10/15/04	M3.2	PARTIAL FIRST FLOOR PLUMBING PLAN
–	10/15/04	M3.3	PARTIAL FIRST FLOOR PLUMBING PLAN
–	10/15/04	M3.4	PARTIAL FIRST FLOOR PLUMBING PLAN
–	10/15/04	M3.5	PARTIAL SECOND FLOOR PLUMBING PLAN
–	10/15/04	M3.6	PARTIAL SECOND FLOOR PLUMBING PLAN
–	10/15/04	M3.7	PLUMBING RISER DIAGRAM
–	10/15/04	M3.8	PLUMBING DETAILS
–	10/15/04	M3.9	PLUMBING RISER DIAGRAM
–	10/15/04	M4.1	PARTIAL FIRST FLOOR HVAC PLANS
–	10/15/04	M4.2	PARTIAL FIRST FLOOR HVAC PLAN
–	10/15/04	M4.3	PARTIAL FIRST FLOOR HVAC PLAN
–	10/15/04	M4.4	PARTIAL FIRST FLOOR HVAC PLAN
–	10/15/04	M4.5	PARTIAL SECOND FLOOR HVAC PLANS
–	10/15/04	M4.6	PARTIAL SECOND FLOOR HVAC PLANS
–	10/15/04	M4.7	MECHANICAL DETAILS
–	10/15/04	M4.8	KITCHEN HOOD DETAILS
–	10/15/04	M5.1	MECHANICAL EQUIPMENT SCHEDULES

ELECTRICAL

Rev. No.	Date of Issue		
–	10/15/04	E1.1	ELECTRICAL SITE PLAN
–	10/15/04	E1.2	1ST FLOOR ELECTRICAL OVERALL PLAN
–	10/15/04	E1.3	SECOND FLOOR SPECIAL SYSTEMS PLAN
–	10/15/04	E1.4	TELECOM AND INTERCOM RISERS
–	10/15/04	E1.5	SECURITY SYSTEM RISER DIAGRAM
–	10/15/04	E2.1	PARTIAL FIRST FLOOR POWER PLANS
–	10/15/04	E2.2	PARTIAL FIRST FLOOR POWER PLAN
–	10/15/04	E2.3	PARTIAL FIRST FLOOR POWER PLAN
–	10/15/04	E2.4	PARTIAL FIRST FLOOR POWER PLAN
–	10/15/04	E2.5	PARTIAL SECOND FLOOR POWER PLANS
–	10/15/04	E2.6	PARTIAL SECOND FLOOR POWER PLANS
–	10/15/04	E3.1	PARTIAL FIRST FLOOR LIGHTING PLAN
–	10/15/04	E3.2	PARTIAL FIRST FLOOR LIGHTING PLAN
–	10/15/04	E3.3	PARTIAL FIRST FLOOR LIGHTING PLAN
–	10/15/04	E3.4	PARTIAL FIRST FLOOR LIGHTING PLAN
–	10/15/04	E3.5	PARTIAL SECOND FLOOR FLOOR LIGHTING PLAN
–	10/15/04	E3.6	PARTIAL SECOND FLOOR FLOOR LIGHTING PLANS
–	10/15/04	E4.1	ELECTRICAL RISER DIAGRAM AND GROUNDING ELECTRODE DIAGRAM
–	10/15/04	E4.2	ELECTRICAL RISER DIAGRAM AND GROUNDING ELECTRODE DIAGRAM
–	10/15/04	E4.3	ELECTRICAL DETAILS
–	10/15/04	E4.4	PARTIAL FIRST FLOOR POWER PLAN
–	10/15/04	E4.5	LIGHTING FIXTURE SCHEDULE
–	10/15/04	E4.6	PANEL BOARD SCHEDULE
–	10/15/04	E4.7	PANEL BOARD SCHEDULE
–	10/15/04	E4.8	PANEL BOARD SCHEDULE

RADIO FREQUENCY

Rev. No.	Date of Issue		
–	10/15/04	RF–1	FIRST FLOOR LAYOUT AND SCHEDULE
–	10/15/04	RF–2	SECOND FLOOR LAYOUT
–	10/15/04	RF–3	ENLARGED PLANS
–	10/15/04	RF–4	RF SYSTEM DIAGRAM
–	10/15/04	RF–5	INTERFACE DETAILS

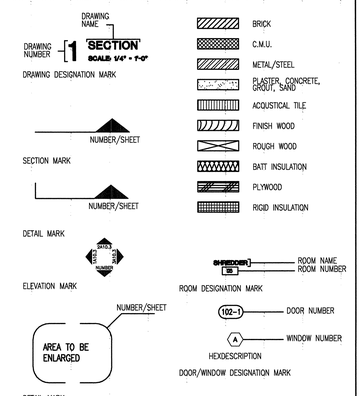
FOOD SERVICE

Rev. No.	Date of Issue		
–	10/15/04	FS–1	FOOD SERVICE EQUIPMENT FLOOR PLAN
–	10/15/04	FS–2	FOOD SERVICE EQUIPMENT FLOOR PLAN
–	10/15/04	FS–3	FOOD SERVICE MECHANICAL ROUGH–IN PLAN
–	10/15/04	FS–4	FOOD SERVICE ELECTRICAL ROUGH–IN PLAN

SPECIAL SYSTEMS

Rev. No.	Date of Issue		
–	10/15/04	SS–1.1	SYSTEMS FLOOR PLAN
–	10/15/04	SS–1.2	SPEAKER LAYOUT AND CONTROLS
–	10/15/04	SS–1.3	SOUND RISER DIAGRAMS
–	10/15/04	SS–1.4	BAND ROOM AND CHORAL ROOM LAYOUT
–	10/15/04	SS–1.5	CONSOLE BLOCK DIAGRAM
–	10/15/04	SS–2.1	RIGGING FLOOR PLAN
–	10/15/04	SS–2.2	RIGGING DETAILS
–	10/15/04	SS–2.3	LUMINAIR SCHEDULE

MATERIAL KEYNOTES
STANDARD SYMBOLS



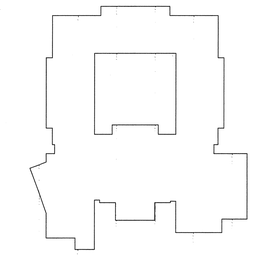
DRAWING KEYNOTING SYSTEM

A KEYNOTING SYSTEM IS USED ON THE DRAWINGS FOR MATERIALS, REFERENCES AND NOTES. REFER TO THE KEYNOTE LEGEND ON THE DRAWING FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE SYMBOL ON THE RESPECTIVE DRAWING.

EACH KEYNOTE SYMBOL CONSISTS OF A 5–DIGIT NUMBER FOLLOWED BY A PERIOD AND A LETTER SUFFIX. THE 5–DIGIT NUMBER RELATES TO THE SPECIFICATION SECTION WHICH GENERALLY COVERS THE ITEM THAT IS REFERENCED AND THE LETTER SUFFIX COMBINED WITH THE 5–DIGIT NUMBER AND PERIOD CREATES A KEYNOTE SYMBOL WHICH IDENTIFIES THE SPECIFIC REFERENCE NOTATION USED ON THE DRAWING. THE LETTER SUFFIX DOES NOT RELATE TO ANY CORRESPONDING REFERENCE LETTER IN THE SPECIFICATION.

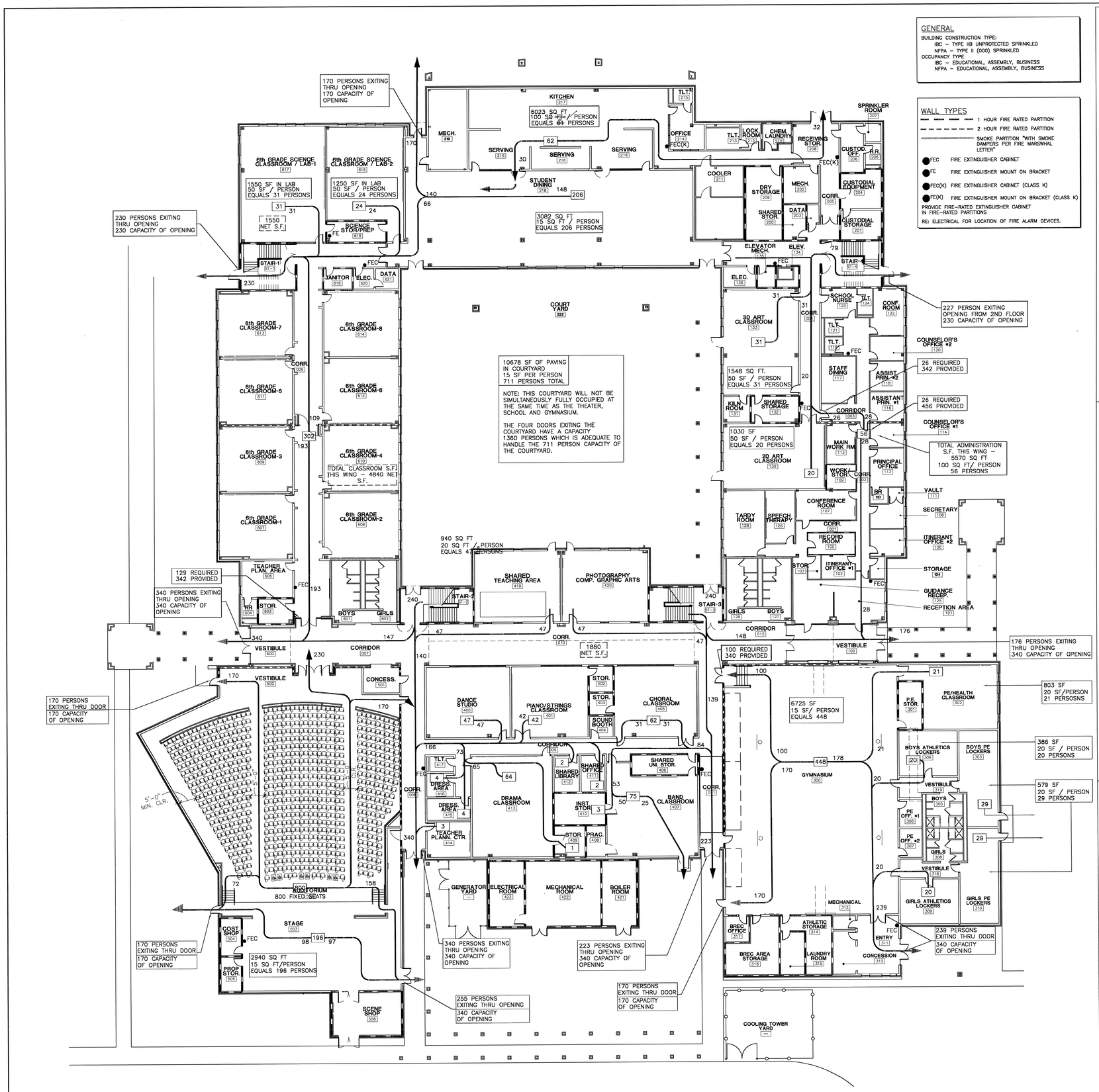
THE ORGANIZATION OF THE KEYNOTING SYSTEM ON THE DRAWINGS, WITH THE KEYNOTE REFERENCE NUMBERS RELATED TO THE SPECIFICATION SECTIONS NUMBERING SYSTEM, SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.

KEY PLAN



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS

THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL



GENERAL

BUILDING CONSTRUCTION TYPE:
IBC – TYPE IIB UNPROTECTED SPRINKLED
NFPA – TYPE II (000) SPRINKLED
OCCUPANCY TYPE:
IBC – EDUCATIONAL, ASSEMBLY, BUSINESS
NFPA – EDUCATIONAL, ASSEMBLY, BUSINESS

WALL TYPES

1 HOUR FIRE RATED PARTITION
2 HOUR FIRE RATED PARTITION
SMOKE PARTITION "WITH SMOKE DAMPERS PER FIRE MARSHAL LETTER"
FEC FIRE EXTINGUISHER CABINET
FE FIRE EXTINGUISHER MOUNT ON BRACKET
FEC(K) FIRE EXTINGUISHER CABINET (CLASS K)
FE(K) FIRE EXTINGUISHER MOUNT ON BRACKET (CLASS K)
PROVIDE FIRE–RATED EXTINGUISHER CABINET IN FIRE–RATED PARTITIONS
RE: ELECTRICAL FOR LOCATION OF FIRE ALARM DEVICES.

1 LIFE SAFETY PLAN - FIRST FLOOR

SCALE: 1/16" = 1'-0"

N
PROJECT

0 8' 16' 32'

Design Development — McKinley Middle School

Code Analysis

ARCHITECTURAL ANALYSIS

General Building Data

Mixed Occupancy: Assembly A-3; Educational E; Business B
Construction Type II B – Sprinklered
Assumed Highest Occupiable Story 14'-0"
Assumed Building Net Area
1st Floor 78,455 sq.ft.
2nd Floor 40,783 sq.ft.
119,238 sq.ft.

Codes Used

Life Safety Code, NFPA 101 - 2000 Edition
International Building Code (IBC) - 2000 Edition

Classification of Occupancy

NFPA 6.1.14.1 Mixed Occupancy – occupancy in which two or more classes of occupancy exist in the same building or structure and where such classes are intermingled so that separate safeguards are impractical.

NFPA 6.1.2.1 Assembly Occupancy – occupancy (1) used for a gathering of 50 or more persons for deliberation, worship, entertainment, eating, drinking, amusement, awaiting transportation, similar uses; or (2) used as a special amusement building, regardless of occupant load.

Assembly occupancy includes: Auditoriums, Gymnasiums, Cafeteria and Libraries.

NFPA 6.1.3.1 Educational Occupancy – occupancy used for educational purposes through the 12th grade by six or more persons for four or more hours per day or more than 12 hours per week.

Educational occupancy includes: Schools

NFPA 6.1.11.1 Business occupancies – occupancy used for account and record keeping or the transaction of business other than mercantile.

IBC 302.3.1 Mixed Occupancies; Two or more uses. – Where the building is occupied for two or more uses not included in the same occupancy, the building or portion thereof shall comply with Section 302.3.2 or 302.3.3 or combinations of these sections...

IBC 302.3.3 Separated uses – Each portion of the building shall be individually classified as to use and shall be completely separated from adjacent areas by fire barrier walls or horizontal assemblies or both having a fire-resistance rating determined in accordance with Table 302.3.3 for the uses being separated. Each fire area shall comply with the height limitations based on the use of that space and the type of construction classification. In each story, the building area shall be such that the sum of ratios of the floor area of each use divided by the allowable area for each use shall not exceed 1.

Based on the Exceptions to Table 302.3.3, the Assembly and Business occupancies do not require separation from the Educational occupancy since they are determined to be an accessory to the Educational occupancy.

CA - 1

Design Development — McKinley Middle School

Code Analysis

IBC 303 Assembly Group A. Assembly Group A occupancy includes, among others, the use of a building or structure or a portion thereof, for the gathering together of persons for purposes such as civic, social or religious functions, recreation, food or drink consumption or awaiting transportation. A room or space used for assembly purposes by less than 50 persons and accessory to another occupancy shall be included as a part of that occupancy.

Assembly A-3: Assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group, including, but not limited to:
Auditoriums
Gymnasiums
Libraries

IBC 304 Business Group B. Business Group B occupancy includes, among others, the use of a building or structure or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts.

IBC 305 Educational Group E. Educational Group B occupancy includes, among others, the use of a building or structure or a portion thereof, by six or more persons at any one time for educational purposes through the 12th grade.

Type of Construction

The height and area limitations for the occupancies within the building for Type IIA Construction are:

Table 503	*Type II B Construction*
Assembly A-3:	*2 Stories Maximum, 9,500 S.F. MAX*
Business B:	*4 Stories Maximum, 23,000 S.F. MAX*
Educational E:	*2 Stories Maximum, 14,500 S.F. MAX*

IBC 506 Area Modifications. The area limited by Table 503 (Above) shall be permitted to be increased due to frontage (I_f) and automatic sprinkler protection (I_s) in accordance with the following:

$A_a = A_t + [A_t \times I_f / 100] + [A_t \times I_s / 100]$

Where:
A_a = Allowable area per floor (square feet)
A_t = Tabular area per floor in accordance with Table 503 (square feet)
I_f = Area increase due to frontage (percent) as calculated in accordance with Section 506.2.
I_s = Area increase due to sprinkler protection (percent) as calculated in accordance with Section 506.3

CA - 2

Design Development — McKinley Middle School

Code Analysis

IBC 506.2 Frontage increase calculations.

$I_f = 100[F/P - 0.25] W/30$

Where:
I_f = Area increase due to frontage (percent)
F = Building perimeter which fronts on a public way or open space having 20 feet open minimum width (feet)
P = Perimeter of entire building (feet)
W = Minimum width of public way or open space (feet)

IBC 506.3 Automatic sprinkler system increase. Where a building is protected throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, the area limitation in Table 503 is permitted to be increased by 200 percent for multi-story buildings.

Assuming a building with open space of 30' on all 4 sides.

$I_f = 100[F/P - 0.25] W/30$
$I_f = 100[954/1218 - 0.25] 30/30$
$I_f = 100[.533] 1$
$I_f = 53.525$ % Increase

For Assembly A-3 Occupancy:
$A_a = A_t + [A_t \times I_f / 100] + [A_t \times I_s / 100]$
$A_a = 9500 + [9500 \times 53.525 \% / 100] + [9500 \times 200\% / 100]$
$A_a = 9500 + 5085 + 19000$
$A_a = 33,585$ square feet per floor

For Business Occupancy:
$A_a = A_t + [A_t \times I_f / 100] + [A_t \times I_s / 100]$
$A_a = 23,000 + [23,000 \times 53.525 \% /100] + [23,000 \times 200\% / 100]$
$A_a = 23,000 + 12,254 + 46,000$
$A_a = 81,254$ square feet per floor

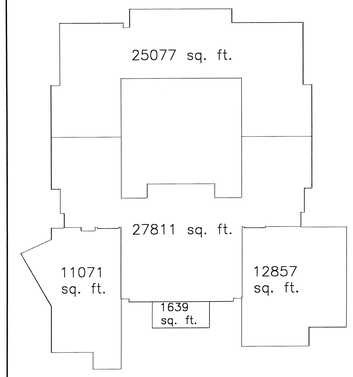
For Educational E Occupancy:
$A_a = A_t + [A_t \times I_f / 100] + [A_t \times I_s / 100]$
$A_a = 14,500 + [14,500 \times 53.525 \% /100] + [14,500 \times 200\% / 100]$
$A_a = 14,500 + 7761 + 29,000$
$A_a = 51,261$ square feet per floor

(NFPA 220) Type II (000) is equivalent to IBC Type IIB

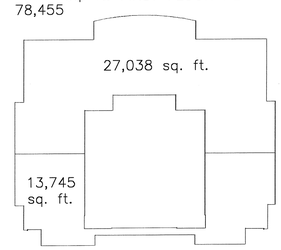
IBC Section 602.3 Type II B is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of noncombustible construction.

CA - 3

MATERIAL KEYNOTES



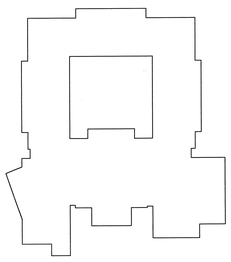
TOTAL sq. ft. FIRST FLOOR PLAN: 78,455



TOTAL sq. ft. SECOND FLOOR PLAN: 40,783
TOTAL BUILDING SQ. FT.: 119,238

2 SQUARE FOOTAGE SUMMARY

KEY PLAN



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS

THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES, OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADJUDGED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

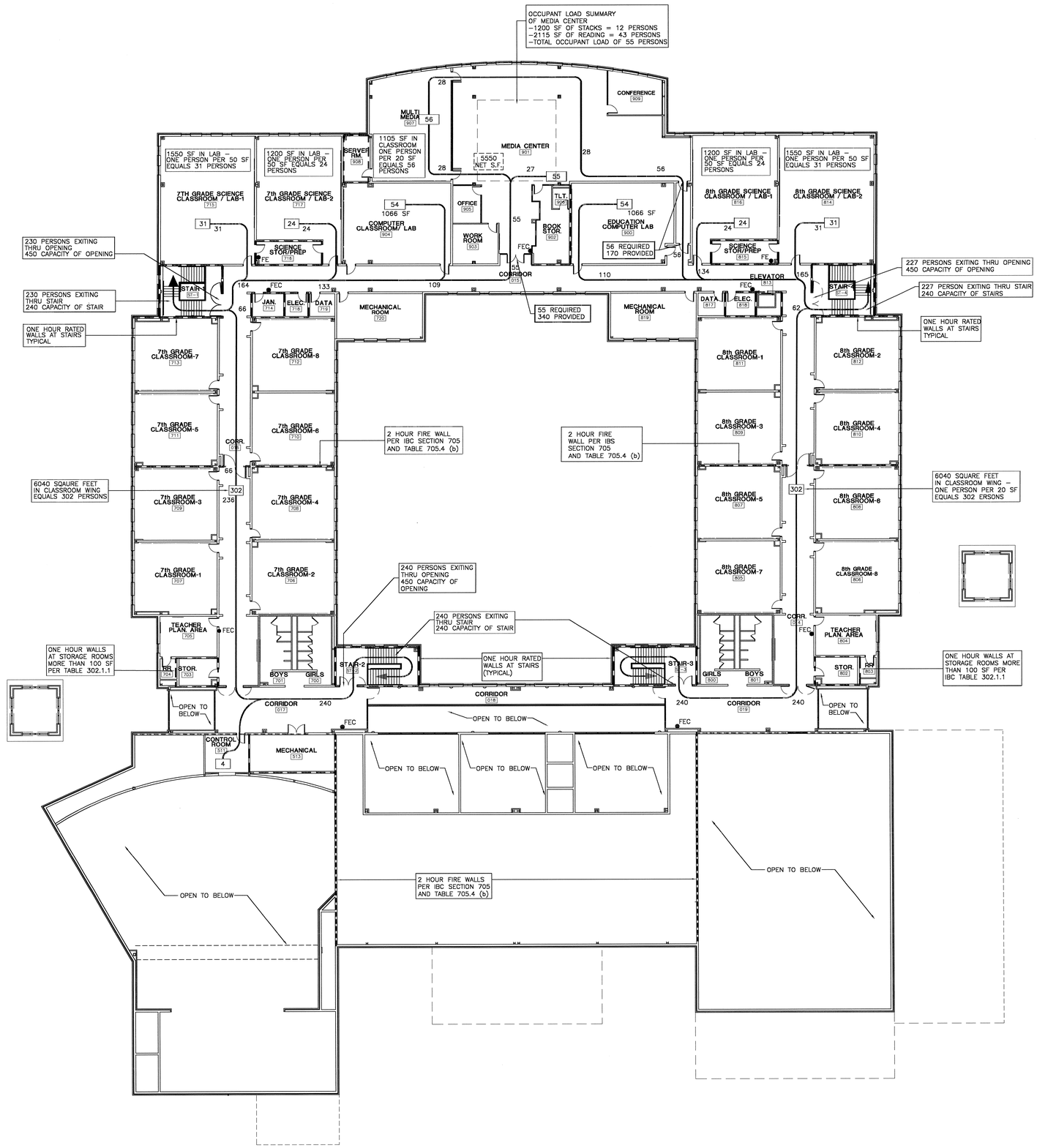
McKINLEY MIDDLE MAGNET SCHOOL

1550 EDDIE ROBINSON SR. DRIVE
BATON ROUGE, LOUISIANA 70802

Robert M. Coleman Architects & Partners A.I.A.
5377 North Boulevard
Baton Rouge, Louisiana 70808
U.S.A.
tel 225.387.4414
fax 225.387.4693

LIFE SAFETY PLAN FIRST FLOOR

PROJECT NO. 03048	SHEET NO.. LS-1
DRAWN BY BH	
CHECKED BY JS	
DATE October 15, 2004	OF



1 LIFE SAFETY PLAN SECOND FLOOR
SCALE: 1/16" = 1'-0"
0 8' 16' 32'

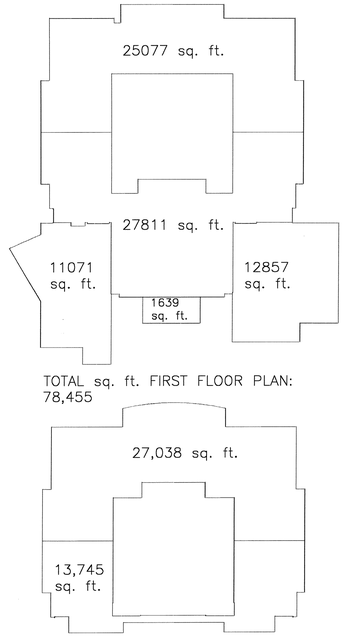
GENERAL

BUILDING CONSTRUCTION TYPE:
IBC – TYPE IIB UNPROTECTED SPRINKLED
NFPA – TYPE II (000) SPRINKLED
OCCUPANCY TYPE
IBC – EDUCATIONAL, ASSEMBLY, BUSINESS
NFPA – EDUCATIONAL, ASSEMBLY, BUSINESS

WALL TYPES

1 HOUR FIRE RATED PARTITION
2 HOUR FIRE RATED PARTITION
SMOKE PARTITION "WITH SMOKE DAMPERS PER FIRE MARSWHAL LETTER"
FEC FIRE EXTINGUISHER CABINET
FE FIRE EXTINGUISHER MOUNT ON BRACKET
FEC(K) FIRE EXTINGUISHER CABINET (CLASS K)
FE(K) FIRE EXTINGUISHER MOUNT ON BRACKET (CLASS K)
PROVIDE FIRE-RATED EXTINGUISHER CABINET IN FIRE-RATED PARTITIONS
RE: ELECTRICAL FOR LOCATION OF FIRE ALARM DEVICES.

MATERIAL KEYNOTES



TOTAL sq. ft. FIRST FLOOR PLAN: 78,455

TOTAL sq. ft. SECOND FLOOR PLAN: 40,783

TOTAL BUILDING SQ. FT.: 119,238

2 SQUARE FOOTAGE SUMMARY

USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS

THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES, OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADJUDGED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

McKINLEY MIDDLE MAGNET SCHOOL

1550 EDDIE ROBINSON SR. DRIVE
BATON ROUGE, LOUISIANA 70802

Robert M. Coleman & Partners Architects A.I.A.
3377 North Boulevard
Baton Rouge, Louisiana 70808
U.S.A.
tel 225.387.4414
fax 225.387.4893

LIFE SAFETY PLAN SECOND FLOOR

PROJECT NO.	03048
DRAWN BY	BH
CHECKED BY	JS
DATE	October 15, 2004
SHEET NO..	LS-2
	OF