

BID PACKAGE-BUILDING CONSTRUCTION

ADDITION TO:

VILLA RICA HIGH SCHOOL

VILLA RICA, GEORGIA

FOR:

CARROLL COUNTY SCHOOLS

CARROLLTON, GEORGIA

STATE PROJECT No. FY06
73 INSTRUCTIONAL UNITS
PTE 1375

SQUARE FOOTAGE :

LOWER LEVEL:	16,883.00 SF
UPPER LEVEL:	16,883.00 SF
Covered Walks (1/2 total):	426.00 SF
TOTAL:	34,192.00 SF

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DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:

SBCCI Standard Building Code (International Building Code) 2006 Edition with Georgia Amendments
SBCCI Standard Fire Prevention Code (International Fire Code) 2000 Edition with Georgia Amendments
National Fire Protection Association Publication Number 101 (Life Safety Code), 2000
National Fire Protection Association NFPA 24 National Fire Protection Association NFPA 13 National Fire Protection Association NFPA 10 National Fire Protection Association NFPA 72 National Fire Protection Association NFPA 72

State of Georgia "Rules of Safety Fire Commission Chapter 20-3-3"
State of Georgia Department of Education "Regulations and Procedures"
Georgia Accessibility Code, 1997

ANSI A117.1 Providing accessibility and usability for physically handicapped people. Local and State Codes or Regulations.

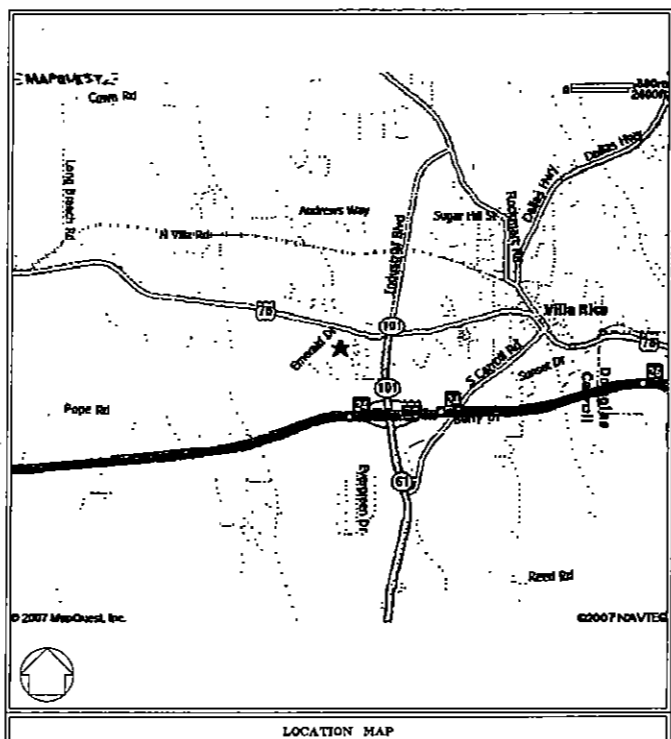
PLUMBING:
SBCCI-Standard Plumbing Code (International Plumbing Code), 2000 Edition with Georgia Amendments.
SBCCI Standard Gas Code (International Fuel Gas Code), 2000 Edition with Georgia Amendments.
L. P. Gas Code - NFPA 58, 1999 Edition

FIRE PROTECTION SYSTEM:
Fire Protection Equipment List Published by Underwriters Laboratories
NFPA-24 Installation of Private Fire Service Mains and the Appurtenances 2002 Edition.
NFPA-13 Installation of Sprinkler Systems, 2002 Edition.

MECHANICAL GENERAL:
National Electrical Code - NFPA Standard 70, 2005 Edition Underwriters Laboratories, Inc., Approved Materials List. Materials and apparatus of a type that have been tested and listed by UL shall be manufactured under their inspection service and bear the UL label. All local prevailing city and county codes. Georgia Laws and Rules "Regulating Boilers and Pressure Vessels" by Georgia Department of Labor, Safety Engineering Section.

HVAC:
SBCCI-Standard Mechanical Code (International Mechanical Code), 2006 Edition.
Georgia State Energy Code for Buildings (Latest Edition) Air Conditioning and Ventilating Systems- NFPA Standard 90A, latest edition.
Life Safety Code - NFPA Standard 101, 2000 edition
HVAC Duct Construction Standards Metal and Flexible, 2nd, Edition 1995, Published by SMACNA (Sheet Metal and Air Conditioning Contractors National Association).
Fire Damper Guide, 4th, Edition 1992, Published by SMACNA
Vapor removal from Cooking Equipment - NFPA Standard 96, 2001 Edition.

ELECTRICAL GENERAL:
National Electrical Code, 2005 Edition, with Georgia Amendments
National Fire Protection Association Publication Number 70 (National Electrical Code)
National Fire Protection Association Publication Number 101 (Life Safety Code)
National Fire Protection Association NFPA 30, National Fire Protection Association NFPA 37, National Fire Protection Association NFPA 78, 90A, and 110.



WARNING: Contractors, subcontractors, vendors and suppliers are advised that the Contract Documents consist of Drawings, Specifications, Addenda, Post-Bid Addenda and Change Orders that have been printed, bound and numbered by the Architect. Any documents reproduced by parties other than the Architect, whether hard copy or electronic format, shall not be considered part of the Contract Documents and do not supercede the provisions of the Contract Documents. Contractors, subcontractors, vendors and suppliers are solely responsible for verifying that information used for bidding, development of shop drawings and construction of the facility are identical to the Architect's Contract Documents.

LIST OF DRAWINGS

C1	DEMOLITION PLAN
C2	STAKING AND GRADING AND DRAINAGE PLAN
C3	HOLES COVER SHEET
C4	SEDIMENT AND EROSION CONTROL PLAN
C5	CONSTRUCTION DETAILS
C6	NIDES FORMS
A1	OVERALL FLOOR PLAN
A2	LOWER LEVEL FLOOR PLAN
A3	LOWER LEVEL REFLECTED CEILING PLAN
A4	UPPER LEVEL FLOOR PLAN AND DETAILS
A5	UPPER LEVEL REFLECTED CEILING PLAN AND DETAILS
A6	ROOF PLAN AND ROOF DETAILS
A7	ELEVATIONS, BUILDING SECTION, CANOPY DETAILS
A8	WALL SECTIONS
A9	ENLARGED TOILET PLANS AND DETAILS, STAIR DETAILS
A10	STAIR SECTIONS, ELEVATOR DETAILS, WALL SECTION
A11	DOOR AND FRAME SCHEDULE, HEAD AND JAMB DETAILS, DOOR AND FRAME ELEVATIONS
A12	INTERIOR FINISH SCHEDULE, FIRESTOP DETAILS
A13	MILLWORK
A14	UL1
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S2	STRUCTURAL DETAILS
S3	FOUNDATION PLAN & SECOND FLOOR REINFORCING PLAN
S4	FLOOR FRAMING & CANOPY ROOF FRAMING PLAN
S5	ROOF FRAMING & ROOF PRESSURE DIAGRAM
S6	STRUCTURAL DETAILS
S7	STRUCTURAL DETAILS
P1	PLUMBING SITE PLAN
P2	FIRE PROTECTION PLAN
P3	PLUMBING FLOOR PLAN - WING A - LOWER LEVEL
P4	PLUMBING FLOOR PLAN - WING A - UPPER LEVEL
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P7	ENLARGED PLUMBING FLOOR PLANS
P8	ENLARGED PLUMBING FLOOR PLANS
P9	PLUMBING SCHEDULES AND DETAILS
P10	PLUMBING DETAILS
P11	PLUMBING DETAILS AND RISER DIAGRAM
E1	SITE PLAN
E2	SYMBOLS LEGEND, LIGHT FIXTURE SCHEDULE, MECHANICAL EQPT CONNECTION SCHEDULE
E3	WING A LIGHTING LOWER LEVEL
E4	WING A POWER LOWER LEVEL
E5	WING A COMMUNICATIONS & PROTECTION LOWER LEVEL
E6	WING A LIGHTING UPPER LEVEL
E7	WING A POWER UPPER LEVEL
E8	WING A COMMUNICATIONS & PROTECTION UPPER LEVEL
E9	WING A SECURITY, SURVEILLANCE AND CABLETRAY PLAN LOWER & UPPER LEVELS
E10	DETAILS
E11	RISER DIAGRAM & PANELBOARD SCHEDULES

KEYNOTES

0200	EARTHWORK	2	HAT SHAPED FLUORING CHANNELS
A	SUBGRADE	3	COLD-ROLLED FLUORING CHANNELS
B	UNDERSLAB BASE	E	THE WARE
0270	SUBDRAINAGE	C	OUTDOOR GYPSUM WALLBOARD
A	PERIMETER FLEX & FITTINGS	D	THE BACKSIDE PANEL
B	DRAINAGE FILL	E	SOUND ATTENUATION BRANIKETS
0280	STORM DRAINAGE	02265	GYPSUM BOARD SHEET-WALL ASSEMBLIES
0297	CHASIS LIFT FENCES & GATES	A	STEEL FRAMING
0300	CAST-IN-PLACE CONCRETE	03480	CAST-IN-PLACE CONCRETE
A	CONCRETE	2	TRUCK (RUNNER)
B	STEEL REINFORCEMENT	3	CORNER & END MEMBERS
C	WELDED WIRE FABRIC	B	GYPSUM LIPER PANELS
D	VAPOR BARRIER	C	ACCESSORIES
E	1/2" EXPANSION JOINT FILLER	03310	CERAMIC TILE
0331	CEMENTITIOUS WOOD-FIBER PANELS	03600	TERRAZZO
03520	LIGHTWEIGHT CONCRETE ROOF INSULATION	03511	ACoustICAL PANEL CEILING
03720	EAST STAIR	03610	FLOOR FINISHES
0410	LAST MASONRY ASSEMBLIES	03620	RESILIENT ATHLETIC FLOORING
A	FACE BRICK	03644	WOOD ATHLETIC FLOORING ASSEMBLIES
1	TYPE 1	03651	RESILIENT TILE FLOORING
2	TYPE 2	03653	RESILIENT WALL BASE AND ACCESSORIES
B	CONCRETE BLOCK	03664	UNGLAZED FLOOR COVERINGS
C	MORTAR & GROUT	03665	CORR FLOORING
D	MASONRY JOINT REINFORCEMENT	03671	REINFORCED FLOORING
E	TYPE 1	03680	CURBS
F	EMBEDDED FLASHING	03770	FIBERGLASS REINFORCED PLASTIC WALL PANELS
G	VENT WEEP HOLES / VENTS	03841	ADJUTANT WALL PANELS
04815	GLASS LIGHT MASONRY ASSEMBLY	03990	WALL COVERINGS
05120	STRUCTURAL STEEL	10130	VISUAL DISPLAY BOARDS
05210	STEEL JOISTS	A	PERFORATED CHANNEL WALKWAYS
05310	STEEL DECK	B	WYLL FABRIC FACED CORN TACKBOARDS
05400	GOLD - FORMED METAL FRAMING	C	TACKER DISPLAY WALLS
A	LOAD-BEARING WALL FRAMING	10185	TOILET EQUIPMENT
B	CYPRESS SHEATHING	10200	URINALS & VENTS
C	AIR - INFILTRATION BARRIER	10405	BATHERS
08000	METAL FABRICATIONS	10425	SIGNS
A	STEEL LADDER	1	PANEL SIGNS
B	LADDER SAFETY GAZE	2	IDENTIFICATION LETTERS & NUMBERS
C	STEEL SHIPS LADDER	3	CAST METAL PLATES
D	LOOSE BEARING & LEVELING PLATES	2	MESSAGE BOARDS
E	LOOSE STEEL UNITS	10055	METAL LOCKERS
F	SHIELD ANCHORS	A	CORRIDOR
G	STRUT SYSTEM CHANNEL FRAMING	B	ATTIC
H	MISCELLANEOUS STEEL FRAMING & TRIM	C	P.C. LOCKER
J	LOADING DOCK DOOR ANGLE	D	ATHLETIC LOCKERS
K	METAL FLOOR PLATE & SUPPORT	E	LOCKER BENCHES
L	PIPE ROLLER	10520	FIRE PROTECTION SPECIALTIES
M	CAST IRONING, TREADS & THRESHOLD	A	PORTABLE FIRE EXTINGUISHERS
N	STURDENT TOILET TISSUE DISPENSER	B	FIRE EXTINGUISHER CABINETS
05511	METAL WARS	1	REVISIONS
A	STAIR FRAMING	2	SEAM - RECESSED
B	METAL WROUG	3	SURFACE MOUNTED
C	METAL SUBFRAMES	10540	MANUFACTURED CANOPY COVERS
05521	FIBERGLASS TUBE RAILINGS	10556	FABRIC ATTACHES
05811	ARCHITECTURAL JOINT SYSTEM	10601	OPERABLE PANEL PARTITIONS
A	FRONTSTRAP TRAFFIC JOINTS	10655	ACCOMMODATION FOLDING PARTITIONS
B	WALL JOINTS	10671	METAL STORAGE SHELVING
C	SEALING JOINTS	A	POST & SHELV STORAGE UNITS
08100	ROUGH CARPENTRY	B	PREFABRICATED COAT RACK
A	WOOD PANELING & BLOCKING	10801	TOILET & BATH ACCESSORIES
B	WOOD FLOORING	A	PAPER TOWEL DISPENSER
C	FIBERBOARD SHEATHING	B	SOAP DISPENSER
D	FIBERBOARD SHEATHING	C	FRAMED MIRRORS
E	CYPRESS SHEATHING	D	TOILET TISSUE DISPENSER
08411	MULTILEVEL ARCHITECTURAL WOODWORK	E	GRAB BARS
08422	INTERIOR ARCHITECTURAL WOODWORK	F	SHOWER ROD
A	CABINET MATERIALS	G	SHOWER CURTAIN
1	SOLID HARDWOOD LAMBER	H	CURTAIN HOOKS
2	MEDIUM DENSITY FIBERBOARD	I	TOWEL BAR
3	PARTICLE BOARD	J	SOAP DISH
4	SOFTWOOD PLYWOOD	L	HANDICAPPED SHOWER SEAT
B	HARDWOOD PLYWOOD	M	HOP & BROOM HOLDER
6	HARDWOOD DOORING	11084	LIBRARY STACK SYSTEMS
7	EXTERIOR GRADE PLYWOOD	11093	STAGE CURTAINS
B	HIGH - PRESSURE LAMINATE	11132	PROTECTION SHEETS
9	SOLID - SURFACE NO MATERIALS	11165	DOOR & DOCK BUMPERS
B	PAINTING & ACCESSORIES	11400	FLOOR SERVICE EQUIPMENT
1	WIRE PINS	11451	RESIDENTIAL APPLIANCES
2	DRAWER & DOOR LOCKS	11490	ATHLETIC EQUIPMENT
07131	SELF-ADHERING SHEET WATERPROOFING	A	BASKETBALL EQUIPMENT
A	VERTICAL SURFACE	B	WELLYWALL EQUIPMENT
B	HORIZONTAL SURFACE	C	WALL & POST MOUNTED SAFETY PADS
07141	COLD FILLS - APPLIED WATERPROOFING	D	DIVIDER CURTAIN
07160	BUTYLANEOUS DAMPROOFING	11610	LABORATORY FUME HOODS
07210	BUILDING INSULATION	12348	WOOD LABORATORY GASWORK
A	MELDED - POLYESTER BOARD	A	INSTRUCTORS DEMONSTRATION BENCH
B	UNFACED MINERAL FIBER BLANKET	B	INSTRUCTORS BENCH DESK
C	FACED MINERAL FIBER BLANKET	C	LIMIT HOOD BASE CABINET
07241	CEILING INSULATION & FIBER SYSTEM	D	PERFORATED STUDENT TABLE 60" X 90"
07311	MANUFACTURED ROOF & SOFFIT PANELS	E	FOUR STUDENT DOUBLE-SIDED TABLE 48" X 60"
A	STANDING - SEAM ROOF PANELS	F	EIGHT STUDENT DOUBLE-SIDED TABLE 48" X 72"
B	STEEL SOFFIT PANELS	G	FIFTEEN STUDENT DOUBLE-SIDED TABLE 48" X 120"
C	PERFORATED ALUMINUM SOFFIT PANELS	H	FOUR STUDENT SINGLE-SIDED TABLE 30" X 120"
07412	METAL WALL PANELS	I	SIX STUDENT SINGLE-SIDED TABLE 30" X 150"
07450	SOFFITS	K	EIGHT STUDENT SINGLE-SIDED TABLE 30" X 254"
A	WYLL SOFFIT PANELS	12215	DISPLAY GASWORK
B	ALUMINUM SOFFIT PANELS	12415	TECHNOLOGY GASWORK
C	STEEL SOFFIT PANELS	12491	HORIZONTAL LOUVER SLURD
07471	EPDM SINGLE - PLY MEMBRANE BOOTING (60 MIL.)	12510	FIBER ASSISTED SEATING
07472	EPDM SINGLE - PLY MEMBRANE BOOTING (90 MIL.)	12627	LIBRARY CAB WORK (CIRCULATION DESK)
A	EPDM SHEET	12750	TELESCOPING STAIRS
B	COVER BOARD	13124	METAL RETROFIT ROOF SYSTEMS
C	BOARD INSULATION	A	SUPPORT FRAMING
D	FLASHING MEMBRANE	B	ROOF PANELS
07503	WALK PADS	1	THERMAL SPACER BLOCK
A	WOODFIBER BUTYLANEOUS MEMBRANE ROOF	2	BACKING PLATES
B	WOODFIBER BUTYLANEOUS SHEETS	C	WALL PANELS
C	COVER BOARD	D	SOFFIT PANELS
D	BOARD INSULATION	E	ACCESSORIES
E	FLASHING MEMBRANE	F	FLASHING & TRIM
F	WALK PADS	G	FRIDGE RAIL CAP
07520	SHEET METAL FLASHING & TRIM	H	OUTLET
A	OUTLETS	I	DOWNSPOUT
B	DOWNSPOUTS	J	ROOF VENTILATOR
C	CONDUCTION HEADS	K	ROOF CURBS
D	SCUPPERS	L	CLIPPERS
E	EXPANDED TRIM, GRANUL STOP	M	PIPE FLASHING
F	DOWNPIPES	N	COND. LEAVE VENT
G	BASE FLASHING	B	INSULATION
H	COUNTERFLASHING	13125	METAL BUILDING SYSTEMS
I	FLASHING RELEVANCE	A	FRAMING FRAMING
J	EXPANDED SUPPORT FLASHING	B	END WALL FRAMING
K	OVERHEAD-RIPPING SAFETY PADS	C	SECONDARY FRAMING
L	ROOF EXPANSION JOINT COVER	D	FURLENS
M	ROOF-TO-WALL EXPANSION JOINT COVER	E	SMITH
07720	ROOF ACCESSORIES	F	RAVE STRUTS
A	ROOF CURBS	G	FRAMING FOR OPENINGS
B	ROOF EQUIPMENT SUPPORT	H	CANOPY FRAMING
C	ROOF HUTCH	I	ROOF FRAMING
07811	SPRINKLER - RESISTIVE MATERIALS	J	SPRINKLER SPACER BLOCK
07841	THIRD-PENETRATION FIRESTOP SYSTEMS	K	BACKING PLATE
07842	FIRE - RESISTIVE JOINT SYSTEM	L	WALL PANELS
07920	JOINT SEALANTS	M	WALL LINER PANELS
08110	STEEL DOORS AND FRAMES	N	SOFFIT PANELS
08211	FLUSH WOOD DOORS	J	ACCESSORIES
08221	FIBERGLASS REINFORCED DOORS	K	FLASHING & TRIM
08311	OVERHEAD DOORING DOORS	L	ROOF RAKE CAP
08410	ALUMINUM EXTRACTS & STORMTROITS	M	OUTLET
08510	STEEL WINDOWS	N	DOWNSPOUT
08520	ALUMINUM WINDOWS	O	ROOF VENTILATOR
08600	GLAZING	P	ROOF CURBS
09200	GYPSUM BOARD ASSEMBLIES	Q	CLOSURES
A	SUSPENDED CEILING & SOFFIT FRAMING	R	PIPE FLASHING
B	STEEL PARTITION & SOFFIT FRAMING	S	COND. LEAVE VENT
I	STEEL STUDS & RUNNERS	T	INSULATION