

# VANDERLYN ELEMENTARY SCHOOL GYM HVAC DESIGN

DEKALB COUNTY SCHOOL DISTRICT / DEKALB COUNTY, GEORGIA

PROJECT NUMBER 6919.8

100% CONSTRUCTION DOCUMENT SUBMITTAL

100% CD SET	01/06/2020

### MISCELLANEOUS SYMBOLS

	EXTERIOR ELEVATION SYMBOL
	DETAIL & SECTION SYMBOL
	ELEVATION SYMBOL
	PLAN, SECTION & DETAIL NUMBER
	BREAKLINE
	WALL TYPE/PARTITION TYPE
	OPENING NUMBER (WINDOW)
	ROOM NUMBER
	DOOR NUMBER
	REVISION NUMBER
	ELEVATION HEIGHT
	REVISED AREA
	AREA ON HOLD
	DETAILED AREA
	CEILING HEIGHT
	CEILING TYPE
	COLUMN GRID SYMBOL

### ABBREVIATIONS

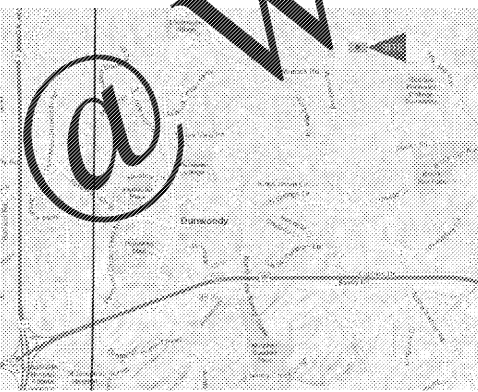
A.F.F.	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
B.F.F.	BELOW FINISHED FLOOR
C.J.	CEILING CONTROL JOINT
CLG.	CELING
CONC.	CONCRETE
CONT.	CONTINUOUS
CPT.	CARPET
C.T.	CERAMIC TILE
DN.	DOWN
DN.	DIAMETER
EQ.	EQUAL
EA.	EXISTING
EXT.	EXTERIOR
E.J.	EXPANSION JOINT
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FL.	FLOOR
G.W.B.	GYPSUM WALL BOARD
GYP. BD.	GYPSUM BOARD
H.C.	HANDICAPPED
H.M.	HOLLOW METAL
JT.	JOINT
INT.	INTERIOR
INSUL.	INSULATION
MANFR.	MANUFACTURER
MAX.	MAXIMUM
MIN.	MINIMUM
MTL.	METAL
N.C.	NOT IN CONTRACT
O.C.	ON CENTER
O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
U.N.O.	UNLESS NOTED OTHERWISE
Q.H.	OVERHANG OR OVERHEAD
OPNG.	OPENING
P.L.	PLASTIC LAMINATE
PLYWD.	PLYWOOD
P.T.	PRESSURE TREATED
RVL.	REVEAL
REINF.	RE-INFORCED
REQD.	REQUIRED
R.H.S.	ROLLED HOLLOW SECTION
S.C.WD.	SOLID CORE WOOD
SM.	SIMILAR
STL.	STEEL
ST.STL.	STAINLESS STEEL
THK.	THICK
TRDS.	TREADS
TYP.	TYPICAL
V.C.T.	VINYL COMPOSITION FLOOR TILE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
WTT.	WITH WALL COVERING
W.C.	WOOD
WD.	WOOD

### LIST OF DRAWINGS

01 TITLE SHEET	T1.01 DRAWINGS INDEX, CODES AND PROJECT TEAM
02 CIVIL	C1.00 OVERALL PLAN
	C1.50 DEMOLITION & REMOVAL PLAN
	C2.00 LAYOUT & PAVING PLAN AND DETAILS
	C3.00 SITE GRADING & EROSION CONTROL PLAN AND DETAILS
03 ARCHITECTURAL DEMOLITION	AD1.00 FLOOR PLAN - DEMOLITION
	AD1.10 REFLECTED CEILING PLAN - DEMOLITION
	AD2.00 EXTERIOR ELEVATIONS & BUILDING SECTIONS - DEMOLITION
04 ARCHITECTURAL	A1.00 FLOOR PLAN
	A1.10 REFLECTED CEILING PLAN
	A2.00 EXTERIOR ELEVATIONS & BUILDING SECTIONS
	A3.00 WALL SECTION & DETAILS
05 MECHANICAL	M-001 MECHANICAL NOTES, SYMBOLS AND ABBREVIATIONS
	MD-101 MECHANICAL LEVEL 1 DEMOLITION PLAN
	M-101 MECHANICAL LEVEL 1 DUCTWORK PLAN
	M-201 MECHANICAL SECTIONS AND ELEVATIONS
	M-301 MECHANICAL CONTROLS
	M-401 MECHANICAL DETAILS
	M-501 MECHANICAL SCHEDULES
06 PLUMBING	P-001 PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS
	PD-101 PLUMBING LEVEL 1 DEMOLITION PLAN
	P-101 PLUMBING LEVEL 1 PLAN
07 ELECTRICAL	E-001 ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS
	ED-101 ELECTRICAL LEVEL 1 POWER DEMOLITION PLAN
	E-101 ELECTRICAL LEVEL 1 POWER PLAN
	E-501 ELECTRICAL ONE-LINE DIAGRAM
	E-601 ELECTRICAL SCHEDULES



VANDERLYN ELEMENTARY SCHOOL AERIAL MAP



VANDERLYN ELEMENTARY SCHOOL DISTRICT MAP

### APPLICABLE CODES

ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, STANDARDS AND AUTHORITIES, INCLUDING BUT NOT LIMITED TO:

- BUILDING:** 2018 INTERNATIONAL BUILDING CODE WITH 2020 GEORGIA AMENDMENTS (IBC)
- FIRE:** 2018 INTERNATIONAL FIRE CODE WITH 2014 GEORGIA FIRE MARSHAL AMENDMENTS (IFC) CHAPTER 1203-3 REVISED AND REGULATIONS FOR THE STATE MINOR FIRE STANDARDS IN GEORGIA
- LIFE SAFETY:** 2018 NFPA 101 LIFE SAFETY CODE WITH 2013 GEORGIA AMENDMENTS (LSC)
- PLUMBING:** 2018 INTERNATIONAL PLUMBING CODE WITH 2020 GEORGIA AMENDMENTS (IPC)
- MECHANICAL:** 2018 INTERNATIONAL MECHANICAL CODE WITH 2020 GEORGIA AMENDMENTS (IMC)
- FUEL GAS:** 2018 INTERNATIONAL FUEL GAS CODE WITH 2020 GEORGIA AMENDMENTS (IFGC)
- ELECTRICAL:** 2017 NATIONAL ELECTRICAL CODE (NEC)
- ENERGY:** 2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH 2020 GEORGIA AMENDMENTS (IECC)

### GENERAL NOTES

- THE DRAWINGS AND SPECIFICATIONS INDICATE THE GENERAL EXTENT OF THE WORK. THE DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO INDICATE OR DESCRIBE IN COMPREHENSIVE OR MINUTE DETAIL THE FULL REQUIREMENTS FOR THE EXECUTION AND COMPLETION OF THE SCOPE OF WORK INDICATED, DESCRIBED, OR REQUIRED.
- THE ENUMERATION OF PARTICULAR ITEMS OF WORK IN ONE PORTION OF THE CONTRACT DOCUMENTS SHALL NOT BE CONSTRUED TO EXCLUDE OTHER ITEMS NECESSARY OR IMPLIED THEREFROM.
- COORDINATE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR IN AN INCOMPLETE CONDITION.
- COMPLY WITH APPLICABLE INDUSTRY AND MANUFACTURER'S STANDARDS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS REQUIREMENTS IN THE CONTRACT DOCUMENTS. ANY CONFLICTING REQUIREMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY IN WRITING. AFFECTED PORTION OF WORK IS NOT TO PROCEED UNTIL THE CONFLICTING REQUIREMENTS ARE RESOLVED.
- PROTECT EXISTING, IN PLACE, AND NEW WORK.
- ITEMS NOTED "NIC" ARE NOT PART OF THE CONTRACTOR'S SCOPE OF WORK.
- REMOVE AND LEGALLY DISPOSE OF WASTE MATERIALS AND RUBBISH. SORT CONSTRUCTION WASTE FOR REUSE, RECYCLE, OR RESALE TO DIVERT WASTE FROM THE LANDFILL WHERE POSSIBLE.
- FIELD VERIFY DIMENSIONS SHOWN ON THESE DRAWINGS WITH EXISTING SITE CONDITIONS. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF EXISTING CONDITIONS.
- DO NOT SCALE DRAWINGS; EXISTING DIMENSIONS GOVERN WRITTEN DIMENSIONS, LARGE SCALE
- DETAILS GOVERN SMALL SCALE DETAILS. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE COMMENCEMENT OF WORK.
- FOLLOW AND IMPLEMENT NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION AND ALTERATION OPERATIONS.
- COMPLY WITH THE REQUIREMENTS OF APPLICABLE CODES, ORDINANCES AND REGULATORY AGENCIES.
- ISOLATE DISSIMILAR METALS FROM EACH OTHER TO AVOID GALVANIC ACTION, AS IS CONSISTENT WITH WRITTEN INDUSTRY STANDARDS.
- NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED TO RELATED DRAWINGS AND DETAILS.
- INSTALL PIPE DUCTS AND BUS DUCTS THAT PENETRATE FLOOR SLABS OR WALL PARTITIONS IN A MANNER THAT WILL PRESERVE THE MOISTURE RESISTIVENESS, FIRE RATING, AND STRUCTURAL INTEGRITY OF THE BUILDING.
- PLAN THE WORK TO PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES, AND EXECUTE THE WORK IN SUCH A MANNER TO AVOID ANY HAZARD TO PERSONS AND PROPERTY.
- COORDINATE THE PHASING OF THE WORK TO BE PERFORMED AROUND EXISTING FACILITIES AS DETERMINED IN THE PRE-CONSTRUCTION CONFERENCE, PRIOR TO START OF WORK.
- WORKING HOURS, ACCESS TO THE SITE, SECURITY MEASURES, AND OTHER OWNER REQUIREMENTS NECESSARY TO MAINTAIN THE ONGOING OPERATIONS OF THE FACILITY DURING CONSTRUCTION SHALL BE SPECIFIED IN DIVISION I, GENERAL REQUIREMENTS OF THE PROJECT MANUAL.
- PROTECT, BRACE, AND SECURE OPENINGS UNTIL RE-WORK IS INSTALLED.
- LEAVE SPACE CLEAN AND READY FOR NEXT STAGE OF WORK. PATCH AND REPAIR EXISTING WALLS AND ITEMS TO REMAIN.
- COORDINATE CONSTRUCTION ACTIVITIES WITH THE OWNER FOR THE LEAST AMOUNT OF INTERRUPTION TO THE OWNER'S CONCURRENT OPERATIONS.
- FOLLOW APPLICABLE HANDICAPPED ACCESSIBILITY GUIDELINES.
- LEAVE SPACE MOP AND VACUUM CLEANED AT END OF EACH WORK PERIOD.
- NOTIFY THE OWNER IMMEDIATELY IN WRITING IF SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED (ASBESTOS, LEAD, ETC.).
- REMOVE WALL PANELS, AND PREPARE SUBSTRATE TO RECEIVE NEW PANELS.

### PROJECT DATA

CAPITAL OUTLAY PROJECT NUMBER: 133-011 (Local PLOS Funding)  
TOTAL SQUARE FOOTAGE: 5675 sf

### BUILDING OCCUPANT COUNT

Room Name	Room Number	Area Calculation (SF)	NFPA Table 7.3.1.2	NFPA Occ. Count	IBC Table 1004.5	IBC Occ. Count
Foyer (8'-4" x 13'-2")	100	110.13	40 (SF)	2		
Multi-Purpose Room (84'-0"x52'-10")	101	4438.00	15 (SF)	296	7 (SF)	634
Office (12'-4" x 12'-4")	102	152.50			150 (SF)	2
Girl's Toilet (6'-1"x 13'-5", 8'-0"x5'-11")	103	129.37				
Boy's Toilet (12'-4"x8'-0")	104	98.56				
Storage (12'-4"x10'-0")	105	123.65	0 (SF)	0	0	0
Elec. (5'-9"x 4'-0")	106	23.00	0 (SF)	0	0	0
<b>TOTAL OCCUPANTS</b>				298		636

### OWNER

DEKALB COUNTY BOARD OF EDUCATION  
SAM A. MOSS SERVICE CNTR.  
1700 MONTREAL ROAD  
TUCKER, GEORGIA 30084  
PHONE: (678) 676-1320  
www.dekalb.k12.ga.us

### ARCHITECTS

STANLEY, LOVE-STANLEY, P.C.  
1055 SPRING STREET, NW  
ATLANTA, GEORGIA 30309  
PHONE: (404) 876 3055  
www.stanleylove-stanley.com

### CONSULTANTS

MECHANICAL, ELECTRICAL & PLUMBING  
RMF ENGINEERING, INC.  
VANCE P. NALL (DIVISION MANAGER)  
DANIEL NOTO (PROJECT MANAGER)  
980 HAMMOND DRIVE, SUITE 725  
ATLANTA, GA 30328  
PHONE: 678-810-0028  
www.rmfi.com

### CIVIL & LANDSCAPE

BREEDLOVE LAND PLANNING, INC.  
CHIP BROWN  
CHUCK MOORE  
15 SIMPSON STREET, NW  
ATLANTA, GA 30308  
PHONE: 770-483-1173  
www.landplanning.net

### SPECIFICATIONS

KRAMER CONSTRUCTION SCIENCE  
CHRIS J. KRAMER  
2177 SAREN COURT  
TUCKER, GA 30084  
PHONE: 770-335-7808  
www.kramercs.com

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1877 Vanderlyn Drive  
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DRAWINGS INDEX,  
CODES AND PROJECT  
TEAM



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