OCEAN SPRINGS SCHOOL DISTRICT OCEAN SPRINGS MIDDLE SCHOOL 2023 HVAC REPLACEMENT 3600 HANSHAW ROAD OCEAN SPRINGS, MS 39564

23034.00 #12 CONSTRUCTION DOCUMENTS

SET NUMBER





ARCHITECTURAL ABBREVIATIONS

<u>/</u>	ANGLE
& @	AND AT
A/C ACOUS	AIR CONDITIONING ACOUSTICAL
A.D.	AREA DRAIN
A/E	ARCHITECT/ENGINEER
A.F.F. A.H.U.	ABOVE FINISHED FLOOR AIR HANDLING UNIT
A.T.	ACOUSTICAL TILE
ALT. ALUM. / AL.	ALTERNATE
A.P.C. A P	ARCHITECTURAL PRECAST CONCRETE
APPROX.	
ARCH. ASB.	ASBESTOS
ASPH. ATTEN.	ASPHALT ATTENUATION
A.V.	AUDIO/VISUAL
BD. BIT	BOARD BITUMINOUS
BLDG.	BUILDING
BLKG. BM.	BEAM
B.M. BOT	BENCH MARK BOTTOM
B.R.	
BRG. BRZ.	BRONZE
B/U B.U.R.	BUILT-UP BUILT-UP ROOF
[/ CH	CHANNEL
CAB.	CABINET
C.B. CEM.	CEMENT
CER. C.G.	CERAMIC CORNER GUARD
CH. BD.	
C.J.	CONTROL JOINT
CLG. CLR.	CEILING CLEAR
C.M.U.	CONCRETE MASONRY UNIT
COL.	COLUMN COLUMN
CONC. CONN.	CONCRETE
CONST. CONT	CONSTRUCTION
COORD.	COORDINATE
CPT. C.R.	CURTAIN ROD
C.R. CH. C T	COLD-ROLLED CHANNEL CERAMIC TILE
CTSK.	COUNTERSUNK
DBL. DEPT	DOUBLE DEPARTMENT
DET. / DTL.	DETAIL
DIA. DIM.	DIAMETER
DISP. DN.	DISPENSER DOWN
DP.	DAMPPROOFING
DS .	DOWNSPOUT
DS. DWGS.	DOWNSPOUT DRAWINGS
DS. DWGS. E.	DOWNSPOUT DRAWINGS EAST
DS. DWGS. E. EA. E D F	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN
DS. DWGS. E. EA. E.D.F. E.F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND EINIGH SYSTEM
DS. DWGS. EA. E.D.F. E.F. E.I.F.S. E.J.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT
DS. DWGS. E. E.D.F. E.J.F. E.J.F.S. E.J. ELEC. ELEC. ELEV. / EL.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION
DS. DWGS. E. EA. E.D.F. E.F. E.I.F.S. E.J. ELEC. ELEC. ELEV. / EL. EMER. ENCI	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE
DS. DWGS. E. E.D.F. E.D.F. E.J. E.J. ELEC. ELEC. ELEV. / EL. EMER. ENCL. E.P.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT
DS. DWGS. E. EA. E.D.F. E.J.F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT
DS. DWGS. E. E.A. E.D.F. E.J. ELEC. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQ. EQUIP. EST. E.W.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUIPMENT ESTIMATED EACH WAY
DS. DWGS. E. E.A. E.D.F. E.J.F. E.I.F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION
DS. DWGS. E. E.A. E.D.F. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXP. EXPO.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED
DS. DWGS. E. E.A. E.D.F. E.J.F. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXT. EXP. EXPO. EXST. / EXIST. EXT.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR
DS. DWGS. E. E.A. E.D.F. E.F. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXP. EXP. EXST. / EXIST. EXT. F.A.P.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL
DS. DWGS. E. E.A. E.D.F. E.J. E.I.F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXP. EXP. EXPO. EXST. / EXIST. EXT. F.A.P. F.D. F.D.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN ECUINDATION
DS. DWGS. E. E.A. E.D.F. E.F. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXH. EXP. EXT. F.A.P. F.D. FDN. F.E.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER
DS. DWGS. E. E.A. E.D.F. E.J. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXH. EXP. EXT. EXT. F.A.P. F.D. F.D. F.E. F.E. F.E. F.E. F.F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR
DS. DWGS. E. E.A. E.D.F. E.J. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.F. E.F. E.F. E.F. E.F. E.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FINISH FLOOR FINISH FLOOR ELEVATION FIRE HYDRANT
DS. DWGS. E. E.A. E.D.F. E.J. E.I.F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. EXH. EXT. EXH. EXH. EXT. EXT. F.A.P. F.D. F.D. F.E. F.E. F.E. F.F. E.H. F.H. E.H. E.N. EIN EIN EXT. EXT. EXT. EXT. EXT. EXT. EXT. EXT.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOOR FINISH FLOOR EINISH
DS. DWGS. E. E.A. E.D.F. E.F. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.E. F.F. E.C. F.H. F.H.C. FIN. FL. / FLR.FLOOR	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HOSE CABINET FINISH
DS. DWGS. E. E.A. E.D.F. E.J. E.I.F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. EXH. EXT. EXH. EXP. EXH. EXP. EXT. F.A.P. F.D. FDN. F.E. F.E. F.F. F.F. F.F. F.H. F.H.C. FIN. F.O.M. F.O.S.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQUIP. EST. E.W. EXH. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.E. F.F. F.H. F.H.C. FIN. FL. / FLR.FLOOR F.O.M. F.O.S. FPRF. F.S.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE
DS. DWGS. E. E.A. E.D.F. E.J. E.I.F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. EXH. EXP. EXH. EXP. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.F. F.F. F.F. F.F. F.H. F.H	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FINISH FLOOR FINISH FLOOR FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOT / FEET
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQUIP. EST. E.W. EXH. EXT. EXT. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.E. F.F. F.F. F.H. F.H.C. FIN. F.C. FIN. F.C. F.F. F.T. F.C. F.T. F.C. F.T. F.C. F.T. F.C. F.T. F.C. F.T. F.T	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED
DS. DWGS. E. E.A. E.D.F. E.J. E.J. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQUIP. EST. E.W. EXH. EXP. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.F. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE HODR ELEVATION FIRE HYDRANT FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURRING FABRIC WALL COVERING
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMRR. ENCL. E.P. EQUIP. EST. E.W. EXH. EXH. EXT. EXT. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.F. F.F. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURRING FABRIC WALL COVERING GAUGE
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXT. EXT. F.A.P. F.D. FDN. F.E. F.A.P. F.D. FDN. F.E. F.F. F.F. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUIPMENT ESTIMATED EACH WAY EXHAUST EXTRIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURNISHE
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMRR. ENCL. E.P. EQUIP. EST. E.W. EXH. EXT. EXT. EXT. EXT. EXT. EXT. EXT. EXT	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HODR ELEVATION FIRE HODR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOT / FEET FOOT ING FURNISHED FURRING FABRIC WALL COVERING GAUGE GALVANIZED GRAB BAR GRADE
DS. DWGS. E. E.A. E.D.F. E.F. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQUIP. EST. E.W. EXH. EXP. EXT. EXP. EXT. EXT. F.A.P. F.D. FDN. F.E. F.A.P. F.D. FDN. F.E. F.F. F.F. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FINISH FLOOR FINISH FLOOR ELEVATION FIRE HYDRANT FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURRING FABRIC WALL COVERING GAUGE GALVANIZED GRAB BAR GRADE GENERAL CONTRACTOR GLASS / GLAZING
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMRR. ENCL. E.P. EQUIP. EST. E.W. EXH. EXH. EXP. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.F. F.F. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE HOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURRING FABRIC WALL COVERING GAUGE GALVANIZED GRAB BAR GRADE GENERAL CONTRACTOR GLASS / GLAZING GYPSUM BOARD
DS. DWGS. E. E.A. E.D.F. E.F. E.J. E.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.E. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HODR ALL FLOOR DRAIN FOUNDATION FIRE HYDRANT FIRE HOSE CABINET FINISH FLOOR ELEVATION FIRE HYDRANT FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURRING FABRIC WALL COVERING GAUGE GALVANIZED GRAB BAR GRADE GENERAL CONTRACTOR GLASS / GLAZING GYPSUM BOARD
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMRR. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXP. EXT. EXT. EXT. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.F. F.F. F.F. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE HYDRANT FIRE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURRING FABRIC WALL COVERING GAUGE GALVANIZED GRAB BAR GRADE GENERAL CONTRACTOR GLASS / GLAZING GYPSUM GYPSUM BOARD HOSE BIB HOLLOW CORE
DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQ. EQUIP. EST. E.W. EXH. EXT. EXT. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.E. F.E. F.F. F.E. F.H. F.H	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HYDRANT FIRE HYDRANT FIRE HOOSE CABINET FINISH FLOOR EINISH FLOOR FINISH FLOOR FOUNDATION FIRE HYDRANT FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPOOFING FULL SIZE FOOT / FEET FOOTING FURNISHED FURNIS
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DS. DWGS. E. E.A. E.D.F. E.F. E.J. F.S. E.J. ELEC. ELEV. / EL. EMER. ENCL. E.P. EQUIP. EST. E.W. EXH. EXT. EXT. EXT. F.A.P. F.D. FDN. F.E. F.E. F.E. F.E. F.F. F.F. F.F. F.	DOWNSPOUT DRAWINGS EAST EACH ELECTRICAL DRINKING FOUNTAIN EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ENCLOSURE EPOXY PAINT EQUAL EQUIPMENT ESTIMATED EACH WAY EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE COR FINISH FLOOR ELEVATION FIRE HOSE CABINET FINISH FACE OF MASONRY FACE OF STUD FIREPROOFING FULL SIZE FOOT / FEET FOOT / FE
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JAN.	JANITOR
J.B.	JOIST BEARING
JT.	JOINT
К.О.	KNOCK DOWN
L.A.T.	LAY-IN ACOUSTICAL TILE
LAM.	LAMINATE
LAV.	LAVATORY
LBS.	POUNDS
LKR.	LOCKER
LT.	LIGHT
LT. WT.	LIGHT WEIGHT
LVR.	LOUVER
MAS. MAX. MECH. MEMB. MFR. / MFGR. MIN. MISC. M.O. M.R. GYP. BD. MTD. MTL. MATL. MIR. MULL.	MASONR6Y MAXIMUM MECHANICAL MEMBRANE MANUFACTURER MANUFACTURER MINIMUM MISCELLANEOUS MASONRY OPENING MOISTURE RESISTANT GYPSUM BD. MOUNTED METAL MATERIAL MIRROR MULLION
N.	NORTH
N.A. / N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO. / #	NUMBER
NOM.	NOMINAL
0.A.	OUTSIDE AREA
0.C.	ON CENTER
0.D.	OUTSIDE DIAMETER
0.H.	OPPOSITE HAND
OH.	OVERHEAD
OPNG. / OPG.	OPENING
OPP.	OPPOSITE
0.S.	OVERFLOW SCUPPER
PBD.	PARTICLE BOARD
PC. CONC.	PRECAST CONCRETE
P.LAM. / PLAM.	PLASTIC LAMINATE
P.L.	POURED-IN-PLACE
PL.	PROPERTY LINE
PLAS.	PLATE
POL.	PLASTER
PR.	POLISHED
PRE-FAB.	PAIR
PRE-FAB.	PRE-FABRICATED
PRE-FIN.	PRE-FINISHED
P.T.	PORCELAIN TILE
PTD.	PAINTED
PTN. / PARTN.	PARTITION
PVMT.	PAVEMENT
PWD. / DLYMP	PLAVEOD
R.	RISER
RAD.	RADIUS
R.A.G.	RETURN AIR GRILLE
R.B.	RUBBER BASE
R.C.P.	REINFORCED CONCRETE PIPE
RCP	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
RD.	ROUND
REF. / REF	REFERENCE / REFER
REINF.	REINFORCED / REINFORCEMENT
REFL.	REFLECTED
REFL.	REQUIRED
RESIL.	RESILIENT
R.H.	ROBE HOOK
RM.	ROOM
R.O.	ROUGH OPENING
S. S.C. SCH. S.C.WD. S.D. SECT. / SC. SER. S. / S. SK. SHT. SHVS. SHWR. SIM. / SIM SPEC. SQ. SQ. FT. SS S.S. S.T.C. STD. ST. DR. STL. STRUCT. SUSP. SYM.	SOUTH SOLID CORE SCHEDULE SOLID CORE WOOD SOAP DISPENSER SECTION SERVICE SINK SHEET SHELVES SHOWER SIMILAR SPECIFICATION / SPECIFIED SQUARE SQUARE SQUARE FEET SANITARY SEWER STAINLESS STEEL SOUND TRANSMISSION COEFFICIENT STANDARD STORM DRAIN STEEL STRUCTURAL SUSPENDED SYMMETRICAL
T. / TR.	TREAD
T.B.	TOWEL BAR
T.C.	TOP OF CURB
TEL.	TELEPHONE
TEMP. GL.	TEMPERED GLASS
T&G	TONGUE AND GROOVE
TH. / THRES.	THRESHOLD
THK.	THICK / THICKNESS
T.O.S.	TOP OF STEEL
TYP.	TYPICAL
U.H.	UNIT HEATER
U.N.O.	UNLESS NOTED OTHERWISE
U.P.S.	UNINTERRUPTABLE POWER SUPPLY
U.S.	UTILITY SHELF
V.C.T. / VCT	VINYL COMPOSITION TILE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
V.O.J.	VERIFY ON JOB
V.T.R	VENT-THRU-ROOF
V.W.C.	VINYL WALL COVERING
W.	WEST
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
WDW.	WINDOW
W.H.	WATER HEATER
W/O	WITHOUT
W.P.	WATERPROOF
WSCT.	WAINSCOT
WT. / WGT.	WEIGHT
W.W.M.	WELDED WIRE MESH

1 A101 SIM	
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1 SIM A101	BU
1 A101	EX
C (A600) A	INT





ARCHITEC	TURAL GRAPHICS	23034.Qp	
SIM			
	ENLARGED PLAN AND/OR DETAIL	OVVINEN OCEAN SPRINGS SCHOOL DISTRICT 2300 GOVERNMENT STREET OCEAN SPRINGS, MS 39564 PHONE: 228-875-7706	JBHM ARC 308 EAST PEARL JACKSON PHONE: 6
1 SIM	BUILDING SECTION	<u>CONTACT:</u> MR. MICHAEL LINDSEY, SUPERINTENDENT MARY GILL, CHIEF FINANCIAL OFFICER BROOKS MCCAY, DIRECTOR OF OPERATIONS bmckay@ossdms.org	<u>CON</u> RYAN FLORREICH, AIA / PRINCIPA rflorreich CARL BRADLEY, CONST cbradley
1 (A101)	EXTERIOR ELEVATION		
C A600 A D	INTERIOR ELEVATION	END USER - OCEAN SPRINGS MIDDLE SCHOOL OCEAN SPRINGS MIDDLE SCHOOL 3600 HANSHAW ROAD OCEAN SPRINGS, MS 39564 PHONE: 228-872-6210 <u>CONTACT:</u> MELISSA ARNOLD, PRINCIPAL	MECHANICA GSK MECH 201 PARK CA RIDGELAN PHONE: 6 <u>CON</u> KEVIN S ⁻
	GRID DESIGNATION		AL GUYNES, CONSTRU aguynes@
(101)	DOOR DESIGNATION REFER TO DOOR NUMBER CONVENTION		ELECTRICA WELCON ELECTRICA 14116 CUSTOMS BC
	WALL TYPE		GULFPOR
	WINDOW DESIGNATION / GLAZING SYSTEM TYPE		GREG WYROSDICK, P.E
(10' - 0" A	CEILING HEIGHT AND TYPE		greg@welcon BOBBY CARSON, CONST bobby@welcoi
RUN RISE	ROOF PITCH		
	NORTH ARROW		
G G	CENTERLINE		
000000 Material / Assembly	MATERIAL / ASSEMBLY KEYNOTE <u>NOTE</u> : SIX-DIGIT NUMBER REFERENCES THE SPEC. SECTION IN THE PROJECT MANUAL	GENERAL REQUIREMEN FOR PERFO	TS AND CONSIDERA RMING WORK
		 USE OF CAMPUS PREMISES: ALL MATERIALS AND EQUIPMENT SHALL BE BI SUCH ROADWAYS AND DRIVES AS DESIGNATI INFORM THE SCHOOL AT LEAST TWENTY-FOU OR REQUIRED TRAFFIC DISRUPTIONS. TRAFFIC CONTROL MEASURES AND FLAGMEN CONTRACTOR, SHOULD THE NORMAL TRAFFIC CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL MANAGE THE WORI UNNECESSARILY INTERFERE WITH THE NORM ALL VEHICLES 'HAULING' MATERIALS TO OR FI PREVENT DAMAGE TO OTHER VEHICLES. ANY STREETS, ROADWAYS, SIDEWALKS, GRO THAT MAY BE DAMAGED AS A RESULT OF THE SHALL BE PROPERLY REPAIRED OR FULLY RE SATISFACTION OF THE SCHOOL DISTRICT. THE SCHOOL DISTRICT SHALL NOT BE RESPO WORK AREA, MATERIALS, OR EQUIPMENT. PF BE THE SOLE RESPONSIBILITY OF THE CONTF GENERAL POLICIES: FIREARMS OF ANY KIND ARE NOT ALLOWED C THE USE OF TOBACCO PRODUCTS INSIDE AN' SHIRTS AND PANTS SHALL BE WORN BY ALL V THE USE OF OFFENSIVE LANGUAGE OR GEST IS FORBIDDEN, AND WILL BE GROUNDS FOR F ANY WORKMAN WHO MAY, BECAUSE OF IMPR PROMPTLY REMOVED BY THE CONTRACTOR. 	ROUGHT ONTO THE PROJECT SITE BY ED BY THE SCHOOL. IR (24) HOURS IN ADVANCE OF ANY MA I SHALL BE EMPLOYED BY THE GENER C FLOW NEED TO BE DISRUPTED AS A K OF THIS CONTRACT IN SUCH A MANN MAL OPERATIONS OF THE SCHOOL. ROM THE PROJECT SITE SHALL BE CO OUNDS, PLANTINGS, TREES, OR OTHEF E WORK BEING PERFORMED UNDER THE PLACED BY THE CONTRACTOR TO TH INSIBLE FOR THE SAFETY OF THE CON ROTECTION AND SECURITY OF THE WO RACTOR. ON SCHOOL GROUNDS. DHOLIC BEVERAGES IS FORBIDDEN OI Y SCHOOL FACILITY IS PROHIBITED VORKERS AT ALL TIMES. URES TO ANY STUDENT, FACULTY, OF REMOVAL FROM THE JOBSITE. ROPER CONDUCT, BECOME OBJECTIOI AT THE REQUEST OF SCHOOL STAFF.

VICINITY MAP: OCEAN SPRINGS, MS





PROJECT SITE OCEAN SPRINGS MIDDLE SCHOOL 3600 HANSHAW ROAD OCEAN SPRINGS, MS 39564

ARCHITECT

IBHM ARCHITECTS, P.A. ST PEARL STREET, SUITE 300 JACKSON, MS 39201 PHONE: 601-352-2699 CONTACT: PRINCIPAL-IN-CHARGE, PROJECT ARCHITECT rflorreich@jbhm.com Y, CONSTRUCTION ADMINISTRATOR cbradley@jbhm.com

HANICAL ENGINEER

GSK MECHANICAL, INC. 1 PARK COURT, SUITE A RIDGELAND, MS 39157 PHONE: 601-605-2930 CONTACT: KEVIN STARKS, P.E. kstarks@gskmech.com , CONSTRUCTION ADMINISTRATOR aguynes@gskmech.com

CTRICAL ENGINEER

LECTRICAL CONSULTANTS, PLLC STOMS BOULEVARD, SUITE #111 GULFPORT, MS 39503 PHONE: 228-822-8000 <u>CONTACT:</u> SDICK, P.E. / PRINCIPAL-IN-CHARGE g@welconconsultants.com N, CONSTRUCTION ADMINISTRATOR by@welconconsultants.com

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T SITE BY MAKING USE OF F ANY MAJOR DELIVERIES

HE GENERAL PTED AS A RESULT OF CH A MANNER AS TO NOT CHOOL. ALL BE COVERED TO

OR OTHER PROPERTY UNDER THIS CONTRACT FOR TO THE FULL

F THE CONTRACTOR'S OF THE WORK AREA SHALL

BIDDEN ON SCHOOL

CULTY, OR STAFF MEMBER

DBJECTIONABLE SHALL BE



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INDEX TO DRAWINGS

ARCHITECTURAL

A000	COVER SHEET
A001	GENERAL DATA / INDEX TO DRAWINGS

MECHANICAL

M100	OVERALL MECHANICAL PLAN
M200	HVAC SCHEDULES
M300	HVAC DETAILS

ELECTRICAL

E000	ELECTRICAL LEGEND, OVERALL ELECTRICAL PLAN
E101	PARTIAL ELECTRICAL PLAN - WEST
E102	PARTIAL ELECTRICAL PLAN - EAST
E103	PANELBOARD SCHEDULES



Partial Mechanical Plan



23034.00 #12

CODE REVIEW										
DESIGN CODE 2018 INTERNATIONAL CODE COUNCIL (ICC)										

DRAWING I	DRAWING INDEX - HVAC									
Sheet Number	Sheet Name									
M100	Overall Mechanical Plan									
M200	Mechanical Schedules									
M300	Mechanical Details									

SPECIFIC	MECHANICAL	NOTES

M1	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW
	SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED
	TO CONNECT TO EXISTING TRUNK DUCT. CONNECT
	NEW CONDENSATE DRAIN PIPING TO EXISTING
	DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW
	THERMOSTAT (IN SAME LOCATION AS EXISTING)
	EQUAL TO VICÒNICS VT 8650 SERIES, DISTECH
	ECLYPSE SERIES OR EQUAL WITH WIRED OR
	WIRELESS CONTROL OPTIONS FOR FUTURE BUILDING
	MANAGEMENT SYSTEM. EXISTING REFRIGERANT
	PIPING SIZES SHALL BE FIELD VERIFIED TO BE
	COMPATIBLE WITH NEW UNIT. IF COMPATIBLE,
	EXISTING PIPING TO BE CLEANED UTILIZING
	PIPE-WIPER (BY A-JACKS MANUFACTURING) AND
	FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM
	ENGINEERING CORPORATION. SUBSEQUENTLY,
	EXISTING PIPING SHALL BE PRESSURE TESTED AND
	CLEANED AS REQUIRED FOR NEW INSTALLATION. IF
	NOT COMPATIBLE, EXISTING PIPING SHALL BE
	DEMOLISHED AND NEW REFRIGERANT PIPING
	PROVIDED. SEE SPECIFICATIONS. SEE DETAILS FOR
	FURTHER INSTRUCTION.









23034.00 #12

BLOWER COIL UNIT SCHEDULE																						
	SUP	PLY FAN	DATA	COOLING CAPACITY						HEATING CAPACITY								ELECTRICAL SERVICE				
MARK	TOTAL O.A. E.S.P. TOTAL SENS. E.A.T., °F L.A.T., °F CAP'Y. E.A.T., L.A.T., E.W.T., L.W.T., C.D.M. MAX. CNTL. VALVE CNTL. VALVE SUPPLY FAN FAN BASIS OF DES										BASIS OF DESIGN	FEATURES/ACCESSORIES										
	CFM	CFM	IN. W.G.	МВН	МВН	D.B.	W.B.	D.B.	W.B.	МВН	٩F	۴	۴	۴	G.P.IVI.	W.P.D., FT.	CONFIGURATION	MIN. CLOSE OFF	SERVICE	HP		[1]
BCU-1	525	-	0.50	18.6	13.9	76	63	50.7	49.7	14.5	55.0	79.9	160	102.1	0.50	4	3-WAY	25 PSI	120V.,1ph	0.33	MAGICAIRE MODEL DUC06	1, 2, 3, 4, 5
BCU-2	700	-	0.50	24.5	17.9	76	63	50.8	49.9	32.8	55.0	93.0	160	94.5	1.00	4	3-WAY	25 PSI	120V.,1ph	0.5	MAGICAIRE MODEL DUC10	1, 2, 3, 4, 5
BCU-3	1,050	-	0.50	36.4	26.5	76	63	50.9	50.0	36.1	55.0	84.4	160	87.8	1.00	4	3-WAY	25 PSI	120V.,1ph	0.5	MAGICAIRE MODEL DUC12	1, 2, 3, 4, 5
BCU-4	1,400	-	0.50	48.6	35.4	76	63	50.7	49.7	49.3	55.0	86.9	160	94.4	1.50	4	3-WAY	25 PSI	120V.,1ph	0.75	MAGICAIRE MODEL DUC16	1, 2, 3, 4, 5
BCU-5	1,750	-	0.50	60.5	44.1	76	63	50.8	49.9	65.7	55.0	89.1	160	94.4	2.00	4	3-WAY	25 PSI	120V.,1ph	1.00	MAGICAIRE MODEL DUC20	1, 2, 3, 4, 5
[1] <u>FE</u>	TURES/AC	CESSOF	RIES:																			COMPARABLE PRODUCTS: TRANE, YORK, McQUAY, CARRIER

ECM FAN MOTOR (MOTOR MOUNTED SPEED ADJUSTMENT TO MEET AIRFLOW SCHEDULED)
 ALL UNITS SHALL BE VERTICAL TOP DISCHARGE WITH BOTTOM RETURN AIR INLET CONFIGURATION.
 4-ROW DX COOLING COIL WITH TXV.
 3-ROW HOT WATER COIL.
 1" FILTER RACK. SEE SPECIFICATIONS FOR FILTER TYPES.

CONDENSING UNIT SCHEDULE

MARK	coc		CITY	E	ELECTRICAL	-		MATCHED TO	
	OUTDOOR D.B., ⁰F	TOTAL MBH	MIN. S.E.E.R.	SERVICE	MCA	MOCP	BASIS OF DESIGN		
CU-1	95	18.0	15.0	208V.,1ph	12.0	20	TRANE MODEL 4TTR5018	BCU-1	
CU-2	95	24.0	16.0	208V.,1ph	13.4	20	TRANE MODEL 4TTR6024	BCU-2	
CU-3	95	36.0	17.0	460V.,3ph	8.0	15	TRANE MODEL 4TTR7036	BCU-3	
CU-4	95	48.0	17.0	460V.,3ph	9.0	15	TRANE MODEL 4TTR7048	BCU-4	
CU-5	95	60.0	17.0	460V.,3ph	10.0	15	TRANE MODEL 4TTR7060	BCU-5	

NOTES:

1. ALL UNITS TO BE PROVIDED WITH HIGH/LOW PRESSURE SWITCHES, HARD SHUTOFF KIT, LIQUID LINE FILTER DRYER AND WARRANTY AS SPECIFIED. 2. ALL UNITS SHALL BE PROVIDED WITH HEAVY DUTY FACTORY COIL GUARD. SEE MECHANICAL SPECIFICATIONS FOR

COMPARABLE PRODUCTS:

LENNOX, TRANE, CARRIER, YORK

CLARITY. 3. REFRIGERANT PIPE SIZE SHALL BE AS PER MANUFACTURER'S RECOMMENDATION TO PROVIDE SCHEDULED MINIMUM COOLING CAPACITY AND MAXIMUM EQUIPMENT LIFE.

4. PROVIDE LOW AMBIENT CONTROLS/CAPABILITY.

5. UNIT SHALL BE STARTED UP AND CHECKED OUT BY A FACTORY SERVICE REPRESENTATIVE. PROVIDE COPY OF START-UP REPORT AND MANUFACTURER'S REGISTERED CASE NUMBER IN CLOSE-OUT DOCUMENTATION. . PROVIDE ALL CONDENSER COILS WITH SALT AIR CORROSION PROTECTION COATING. COATING SHALL BE A FLEXIBLE EPOXY POLYMER E-COAT UNIFORMLY APPLIED TO ALL COIL SURFACE AREAS WITH NO MATERIAL BRIDGING BETWEEN FINS. THE COATING PROCESS SHALL ENSURE COMPLETE COIL ENCAPSULATION AND A UNIFORM DRY FILM THICKNESS FROM 0.6 – 1.2 MILS ON ALL SURFACE AREAS INCLUDING FIN EDGES AND MEET 5B RATING CROSS-HATCH ADHESION PER ASTM B3359-93. CORROSION DURABILITY SHALL BE CONFIRMED THROUGH TESTING TO NO LESS THAN 5,000 HOURS SALT SPRAY RESISTANCE PER ASTM B117-90 USING SCRIBED ALUMINUM TEST COUPONS.







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ELECTRICAL GENERAL NOTES AND SPECS CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING WORK. NO ADDITIONAL SCOPE WILL BE AUTHORIZED DUE TO LACKING OF UNDERSTANDING ON EXISTING CONDITIONS. 2. CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL SYSTEMS AT THE BUILDING/FACILITY. NEW SERVICE ENTRANCES TO BE INSTALLED PER RESPECTIVE UTILITY COMPANY REQUIREMENTS. 3. ALL ELECTRICAL WORK TO CONFORM TO STATE, LOCAL, INTERNATIONAL BUILDING CODE, AND NATIONAL ELECTRICAL CODES. WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY AND INSTALLED IN A PROFESSIONAL MANNER. ANY WORK THAT IS DETERMINED TO BE SUB-STANDARD BY THE OWNER OR THE ENGINEER SHALL BE REDONE AT THE CONTRACTOR'S EXPENSE. 5. ELECTRICAL DRAWINGS SHOW GENERAL WORK TO BE PERFORMED. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL SYSTEMS TO PROVIDE A COMPLETE PACKAGE AS INDICATED BY THE CONTRACT DOCUMENTS. THE DOCUMENTS ARE INTENDED TO PROVIDE AN OUTLINE FOR THE REQUIRED INSTALLATIONS. THE CONTRACTOR SHALL ULTIMATELY PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AT THE CONCLUSION OF THE

- 6. DETAILS ARE PROVIDED AS THEY RELATE TO THE INSTALLATION. CONTRACTOR SHALL PROVIDE AND INSTALL ALL MISCELLANEOUS COMPONENTS, PARTS, MATERIALS, FASTENERS, SPLICES, AND ANY OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETE INSTALLATION.
- 7. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND THE SIZE AND LOCATION OF EQUIPMENT IS INDICATED TO SCALE WHENEVER POSSIBLE. VERIFY CONDITIONS, DIMENSIONS, INDICATED EQUIPMENT SIZES, AND MANUFACTURER'S DATA AND INFORMATION AS NECESSARY TO INSTALL THE WORK OF THIS DIVISION.
- 8. CONTRACTOR SHALL PROVIDE AND PAY FOR FOR ALL PERMITTING AND INSPECTIONS REQUIRED BY THE LOCAL AUTHORITY. 9. PROVIDE 1 YEAR WARRANTY, RECORD DRAWINGS, AND OPERATION/MAINTENANCE MANUALS ON ALL ELECTRICAL EQUIPMENT. DURING THE WARRANTY
- PERIOD, THE CONTRACTOR SHALL REPLACE OR REPAIR ANY DEFECTIVE COMPONENTS RELATED TO THEIR WORK AT NO COSTS TO THE OWNER OR ENGINEER. 10. ALL SWITCHES, DEVICES, SHALL BE SPECIFICATION/COMMERCIAL GRADE, UL LISTED, WITH NEMA CONFIGURATION AS NOTED IN SCHEDULE OR AS
- REQUIRED FOR EQUIPMENT CONNECTION. 11. ALL INTERIOR CONDUITS CONCEALED IN WALLS, ABOVE CEILINGS, OR IN EXPOSED STRUCTURE SHALL BE EMT WITH COMPRESSION STEEL FITTINGS FOR
- CONDUITS SMALLER THAN 2", CONDUITS 2" AND ABOVE SHALL HAVE STEEL SET-SCREW FITTINGS. METAL-CLAD (MC) CABLE IS NOT ALLOWED. 12. ALL EXTERIOR CONDUITS SHALL BE GALVANIZED CONDUITS BELOW GRADE MAY BE PVC.
- 13. ALL CONDUITS SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. DO NOT INSTALL CONDUITS AT "ANGLED" / "STRAIGHT-RUNS" BETWEEN BOXES.
- 14. ALL WIRING SHALL BE COPPER.
- 15. ALL WIRING SHALL BE #12 AWG MINIMUM, THHN/THWN, UNLESS NOTED OTHERWISE.
- 16. GROUNDING SHALL BE INSTALLED PER N.E.C. SECTION 250.
- 17. ALL ELECTRICAL DISCONNECTS SHALL BE HEAVY DUTY AND RATED FOR VOLTAGE AND AMPACITY OF EQUIPMENT BEING SERVED, UNLESS NOTED OTHERWISE. PROVIDE FUSES BASED ON EQUIPMENT RATINGS WHERE NOTED.
- 18. PROVIDE IDENTIFICATION PLATES OF PLASTIC STOCK TO ADEQUATELY DESCRIBE FUNCTION, VOLTAGE AND PHASE OF IDENTIFIED EQUIPMENT. FOR LIGHTING AND POWER PANELS, IDENTIFICATION PLATES SHALL INDICATE PANEL DESIGNATION, VOLTAGE, AND PHASE OF PANEL. AT SWITCHES, STARTERS, CABINETS, EQUIPMENT, PLATES SHALL INDICATE EQUIPMENT DESIGNATION. SEE DETAIL.
- 19. VERIFY ALL DIMENSIONS AND CLEARANCES WITH ENGINEER, CONTRACTORS, AND OWNER.
- 20. SEAL ALL WALL PENETRATIONS WITH AN APPROVED CAULK COMPOUND EQUAL TO 3M FIRE BARRIER CAULK. 21. WHERE APPLICABLE, COORDINATE LOCATION AND SIZE OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.
- 22. COORDINATE PHASING OF WORK WITH MECHANICAL DRAWINGS AND OTHER TRADES / DISCIPLINES FOR ELECTRICAL INSTALLATIONS.
- 23. NOTIFY THE ENGINEER IMMEDIATELY OF ANY PLAN DISCREPANCIES PRIOR TO PROCEEDING WITH ROUGH-IN OR TRIM OUT.

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/ 1/16" = 1'-0"

4 HVAC UNITS INSTALLATION DETAIL 1/16" = 1'-0"

ELECTRICAL DEMOLITION NOTES:

DESIGNATIONS.

THE CONTRACTOR.

GENERAL ELECTRICAL NOTES:

SPECIFIC ELECTRICAL NOTES:

SHALL REMAIN.

SHALL REMAIN.

SHALL REMAIN.

SHALL REMAIN.

SHALL REMAIN.

SHALL REMAIN.

EXISTING BREAKER SHALL REMAIN.

CIRCUIT TO PANEL "AC9A" AS NOTED.

CIRCUIT TO PANEL "AC11A" AS NOTED.

CIRCUIT TO PANEL "AC6A" AS NOTED.

- 2. CONTRACTOR SHALL REMOVE AND DISCARD ELECTRICAL EQUIPMENT AS NOTED. INCLUDING BUT NOT LIMITED TO DEVICES, SWITCHES, CONDUIT, WIRING, EQUIPMENT,
- 1. EVERY ATTEMPT HAS BEEN MADE TO REPRESENT EXISTING ELECTRICAL CONDITIONS.
- AND LOW VOLTAGE SYSTEMS THAT ARE RELATED TO MECHANICAL SYSTEMS AND NOT BEING REUSED BY THE OWNER.

CIRCUITS FOR INDOOR UNITS ARE ALL EXISTING TO REMAIN. PANEL AND CIRCUIT

EXISTING CIRCUITS ARE COMPATIBLE. AT OTHER OUTDOOR UNITS, CIRCUITS ARE BEING UPGRADED COMPLETELY AND ROUTED TO NEW OR EXISTING PANELS AS

NOTED. EXISTING PANEL AND CIRCUIT DESIGNATIONS NOTED ON DRAWINGS ARE

TAKEN FROM AS-BUILT DOCUMENTS. CONTRACTOR SHALL VERIFY ALL CIRCUITS.

DESIGNATIONS NOTED ON DRAWINGS ARE TAKEN FROM AS-BUILT DOCUMENTS.

4. CIRCUITS FOR OUTDOOR UNITS ARE NOTED AS EXISTING TO REMAIN WHERE

5. ALL NEW CIRCUITS FOR CONDENSING UNITS SHALL HAVE HOMERUN CONDUITS ROUTED BELOW GRADE. REFER TO SPECIFIC NOTES FOR NEW CIRCUIT

6. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH

7. ALL SALVAGEABLE ITEMS SHOWN FOR DEMOLITION SHALL BE TURNED OVER TO THE

1. ALL CONDUITS, WIRING, DISCONNECTS, BREAKERS, DEVICES, AND ELECTRICAL APPARATUS AT EQUIPMENT SHALL BE INSTALLED NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.

LABEL ALL DISCONNECTS WITH MECH UNIT DESIGNATION, PANEL AND CIRCUIT #, VOLTAGE,

REFER TO DETAILS FOR INSTALLATION OF ELECTRICAL EQUIPMENT AND COMPONENTS AT

DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO

A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN

DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO

A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN

3 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN

disconnect existing electrical and remove existing switch and flex connection to A/C unit. Install new motor rated switch and disconnect with 2-#12, 1-#12G in

5 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO

A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN

K 6 J DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN

7 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING FLEX CONNECTION TO CONDENSING

8 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING FLEX CONNECTION TO CONDENSING

9 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 2-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "LY".

10 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION

DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND

TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND

RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC11".

TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 2-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC8".

DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND

13 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION

EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "LW". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW

REMOVE 15A/3-POLE BREAKER THAT FEEDS ROOM 217 COND. UNIT AND INSTALL A NEW 100A/3POLE BREAKER IN ITS PLACE TO FEED NEW PANEL "AC9A". INSTALL NEW CIRCUIT FOR EXISTING ROOM 217 COND. UNIT TO NEW PANEL "AC9A" CIRCUIT ACA9-7,9,11.

EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "AC7". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW CIRCUIT TO PANEL "AC6A" AS NOTED.

17 EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH

18 EXISTING UNITS ARE 208 VOLT. DISCONNECT AND REMOVE TROUGH AND ALL ELECTRICAL

19 EXISTING UNIT IS NOTED TO BE FED FROM PANEL "HA". DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "HA". LABEL BREAKER AS

20 EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "AC8". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW

"SPARE". INSTALL NEW CIRCUIT TO "AC6A" AS NOTED.

ASSOCIATED WITH UNITS. SALVAGE EXISTING HOMERUN CIRCUIT FROM PANEL "LY". INSTALL

NEW TROUGH, NEW DISCONNECTS, ETC. SPLICE AND TAP CIRCUIT FOR CONNECTION OD

DISCONNECTS. INSTALL NEW DISCONNECTS, 2-#12, 1-#12G IN 1/2"C. FLEX FOR EACH NEW

EXISTING UNIT BACK TO PANEL "LY". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW

TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 2-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "LW".

RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC9".

UNIT. INSTALL NEW FLEX CONNECTION AT UNIT AND RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC7". EXISTING BREAKER SHALL REMAIN.

UNIT. INSTALL NEW FLEX CONNECTION AT UNIT AND RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC6". EXISTING BREAKER SHALL REMAIN.

1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LN". EXISTING 20A/1P BREAKER

1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LM". EXISTING 20A/1P BREAKER

1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LE". EXISTING 20A/1P BREAKER

1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LF". EXISTING 20A/1P BREAKER

1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LA". EXISTING 20A/1P BREAKER

1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LB". EXISTING 20A/1P BREAKER

OWNER. OTHER ELECTRICAL COMPONENTS SHALL BE REMOVED AND DISCARDED BY

FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.

AND PHASE WHICH UNIT IS CONNECTED. SEE DETAILS.

LOCATION OF MECHANICAL EQUIPMENT.

CONTRACTOR SHALL VERIFY ALL CIRCUITS.

KEY PLAN WELLON CTRICAL CONSULTANTS, I 4 I I 6 CUSTOMS BLVD., SUITE #I I GULFPORT, MISSISSIPPI 39503 228.822.8000 WEC PROJECT #: 23-JBHM-0 I

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ELECTRICAL DEMOLITION NOTES:

- 1. EVERY ATTEMPT HAS BEEN MADE TO REPRESENT EXISTING ELECTRICAL CONDITIONS. 2. CONTRACTOR SHALL REMOVE AND DISCARD ELECTRICAL EQUIPMENT AS NOTED. INCLUDING BUT NOT LIMITED TO DEVICES, SWITCHES, CONDUIT, WIRING, EQUIPMENT, AND LOW VOLTAGE SYSTEMS THAT ARE RELATED TO MECHANICAL SYSTEMS AND NOT BEING REUSED BY THE OWNER.
- 3. CIRCUITS FOR INDOOR UNITS ARE ALL EXISTING TO REMAIN. PANEL AND CIRCUIT DESIGNATIONS NOTED ON DRAWINGS ARE TAKEN FROM AS-BUILT DOCUMENTS. CONTRACTOR SHALL VERIFY ALL CIRCUITS.
- 4. CIRCUITS FOR OUTDOOR UNITS ARE NOTED AS EXISTING TO REMAIN WHERE EXISTING CIRCUITS ARE COMPATIBLE. AT OTHER OUTDOOR UNITS, CIRCUITS ARE BEING UPGRADED COMPLETELY AND ROUTED TO NEW OR EXISTING PANELS AS NOTED. EXISTING PANEL AND CIRCUIT DESIGNATIONS NOTED ON DRAWINGS ARE
- TAKEN FROM AS-BUILT DOCUMENTS. CONTRACTOR SHALL VERIFY ALL CIRCUITS. 5. ALL NEW CIRCUITS FOR CONDENSING UNITS SHALL HAVE HOMERUN CONDUITS ROUTED BELOW GRADE. REFER TO SPECIFIC NOTES FOR NEW CIRCUIT
- DESIGNATIONS.
- 6. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.
- 7. ALL SALVAGEABLE ITEMS SHOWN FOR DEMOLITION SHALL BE TURNED OVER TO THE OWNER. OTHER ELECTRICAL COMPONENTS SHALL BE REMOVED AND DISCARDED BY THE CONTRACTOR.
- GENERAL ELECTRICAL NOTES: 1. ALL CONDUITS, WIRING, DISCONNECTS, BREAKERS, DEVICES, AND ELECTRICAL APPARATUS AT
- EQUIPMENT SHALL BE INSTALLED NEW, UNLESS SPECIFICALLY NOTED OTHERWISE. 2. LABEL ALL DISCONNECTS WITH MECH UNIT DESIGNATION, PANEL AND CIRCUIT #, VOLTAGE,
- AND PHASE WHICH UNIT IS CONNECTED. SEE DETAILS. 3. REFER TO DETAILS FOR INSTALLATION OF ELECTRICAL EQUIPMENT AND COMPONENTS AT

LOCATION OF MECHANICAL EQUIPMENT.

- SPECIFIC ELECTRICAL NOTES: DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN 1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LN". EXISTING 20A/1P BREAKER SHALL REMAIN. 2 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN 1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LM". EXISTING 20A/1P BREAKER SHALL REMAIN.
- 3 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN 1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LE". EXISTING 20A/1P BREAKER SHALL REMAIN.
- 4 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO A/C UNIT. INSTALL NEW MOTOR RATED SWITCH AND DISCONNECT WITH 2-#12, 1-#12G IN 1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LF". EXISTING 20A/1P BREAKER SHALL REMAIN.
- 5 disconnect existing electrical and remove existing switch and flex connection to a/c unit. Install new motor rated switch and disconnect with 2-#12, 1-#12G in 1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LA". EXISTING 20A/1P BREAKER SHALL REMAIN.
- 6 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING SWITCH AND FLEX CONNECTION TO \rightarrow a/c unit. Install new motor rated switch and disconnect with 2-#12, 1-#12g in 1/2" FLEX CONDUIT. A/C UNIT FED FROM EXISTING PANEL "LB". EXISTING 20A/1P BREAKER SHALL REMAIN.
- 7 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW FLEX CONNECTION AT UNIT AND RECONNECT WITH 3-#12, 1-#126. CONDENSING UNIT FED FROM EXISTING PANEL "AC6". EXISTING BREAKER SHALL REMAIN.
- 8 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW FLEX CONNECTION AT UNIT AND RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC7". EXISTING BREAKER SHALL REMAIN.
- (9) DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 2-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "LY". EXISTING BREAKER SHALL REMAIN.
- (10) DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC11". EXISTING BREAKER SHALL REMAIN.
- (11) DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 2-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC8". EXISTING BREAKER SHALL REMAIN.
- DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 3-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "AC9". EXISTING BREAKER SHALL REMAIN.
- 13 DISCONNECT EXISTING ELECTRICAL AND REMOVE EXISTING DISCONNECT AND FLEX CONNECTION TO CONDENSING UNIT. INSTALL NEW DISCONNECT AND FLEX CONNECTION AT UNIT AND RECONNECT WITH 2-#12, 1-#12G. CONDENSING UNIT FED FROM EXISTING PANEL "LW". EXISTING BREAKER SHALL REMAIN.
- EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "LW". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW CIRCUIT TO PANEL "AC9A" AS NOTED.
- 15 REMOVE 15A/3-POLE BREAKER THAT FEEDS ROOM 217 COND. UNIT AND INSTALL A NEW 100A/3POLE BREAKER IN ITS PLACE TO FEED NEW PANEL "AC9A". INSTALL NEW CIRCUIT FOR EXISTING ROOM 217 COND. UNIT TO NEW PANEL "AC9A" CIRCUIT ACA9-7,9,11. (16) EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH
- EXISTING UNIT BACK TO PANEL "AC7". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW CIRCUIT TO PANEL "AC6A" AS NOTED. 17 EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH
- EXISTING UNIT BACK TO PANEL "LY". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW CIRCUIT TO PANEL "AC11A" AS NOTED. 18 EXISTING UNITS ARE 208 VOLT. DISCONNECT AND REMOVE TROUGH AND ALL ELECTRICAL
- ASSOCIATED WITH UNITS. SALVAGE EXISTING HOMERUN CIRCUIT FROM PANEL "LY". INSTALL NEW TROUGH, NEW DISCONNECTS, ETC. SPLICE AND TAP CIRCUIT FOR CONNECTION OD DISCONNECTS. INSTALL NEW DISCONNECTS, 2-#12, 1-#12G IN 1/2"C. FLEX FOR EACH NEW UNIT.
- (19) EXISTING UNIT IS NOTED TO BE FED FROM PANEL "HA". DISCONNECT AND REMOVE ALL LCTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "HA". LABEL BREAKER AS "SPARE". INSTALL NEW CIRCUIT TO "AC6A" AS NOTED.
- 20 EXISTING UNIT IS 208 VOLTS. DISCONNECT AND REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING UNIT BACK TO PANEL "AC8". LABEL EXISTING BREAKER AS SPARE. INSTALL NEW CIRCUIT TO PANEL "AC6A" AS NOTED.

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NEW PANEL		BUSS: 100 AMP	VOLT: 480/277	7V, 3-PHA	ASE, 4 W	/IRE		AIC RATING: 10,000					
AC6A		MAINS: 100 MLO	MOUNT: SURF	ACE, NE	EMA			LOCATION: BUILDING EXTERIOR					
		DESCRIPTION	FEEDED	LC	DAD (AMP	PS)	LC	DAD (AMF	PS)		DECODIDITION	вир	0//T
	DNR.	DESCRIPTION	FEEDER	A	В	С	Α	В	С	FEEDER	DESCRIPTION		
1				6.5			6.5						2
3	15/3	COND UNIT CU-3	3-12, 1-12G		6.5			6.5		3-12, 1-12G	COND UNIT CU-3	15/3	4
5						6.5			6.5				6
7				6.5			6.5						8
9	15/3	COND UNIT CU-3	3-12, 1-12G		6.5			6.5		3-12, 1-12G	COND UNIT CU-3	15/3	10
11						6.5			6.5				12
13		COND UNIT CU-3	3-12, 1-12G	6.5			6.5			3-12, 1-12G	COND UNIT CU-3		14
15	15/3				6.5			6.5				15/3	16
17						6.5			6.5				18
19		COND UNIT CU-3	3-12, 1-12G	6.5			6.5			3-12, 1-12G	COND UNIT CU-3		20
21	15/3				6.5			6.5				15/3	22
23						6.5			6.5				24
25		COND UNIT CU-3	3-12, 1-12G	6.5			6.5			3-12, 1-12G	COND UNIT CU-3		26
27	15/3				6.5			6.5				15/3	28
29						6.5			6.5				30
31	. = .0		0.40.4.400	8							SPARE	4 = 10	32
33	15/3	COND UNIT CU-5	3-12, 1-12G		8							15/3	34
35				0.5		8							36
37	45/0		2 42 4 420	6.5	0.5								38
39	15/3	COND UNIT CU-3	3-12, 1-12G		6.5	0.5							40
41				47.0	47.0	0.5	00.5	00.5	00.5				42
				47.0	47.0	47.0	32.5	32.5	32.5				
									A phase	70.5		une l	
CONNECTED LOADS PER PHASE									B nhase	79.5	an	ine ine	
									C phase	79.5	amps		

NEW PANEL		BUSS: 100 AMP	VOLT: 480/27	7V, 3-PH	ASE, 4 V	VIRE			AIC RATING: 10,000					
AC9A		MAINS: 100 MLO	MOUNT: SURFACE, NEMA							LOCATION: BUILDING EXTERIOR				
	DECODIDITION	FEEDED	LC	DAD (AMF	PS)		LOAD (AMPS)					DKD	0//T	
	BKR.	DESCRIPTION	DESCRIPTION FEEDER	A	В	С	A		В	С	FEEDER	DESCRIPTION	BKR.	CKI.
1				6.5			6.5	5						2
3	15/3	COND UNIT CU-3	3-12, 1-12G		6.5				6.5		3-12, 1-12G	COND UNIT CU-3	15/3	4
5						6.5				6.5				6
7		ROOM 217 CU (EXISTING)		8										8
9	20/3		ROOM 217 CU (EXISTING)	3-12, 1-12G		8							SPARE	15/3
11						8								12
13														14
15												SPARE	15/3	16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
				14.5	14.5	14.5	6.5	;	6.5	6.5				
									A phase	21.0	amps			
CONNECTED LOADS PER PHASE									B phase	21.0	arr	nps		
										C phase	21.0	arr	nps	

NEW PANEL		BUSS: 100 AMP	VOLT: 480/27	AIC RATING: 10,000									
AC	11A	MAINS: 100 MLO	MOUNT: SUR	FACE, NI	EMA			LOCATION: BUILDING EXTERIOR					
ОИТ		DESCRIPTION		LC	DAD (AMF	PS)	LC	DAD (AMF	PS)	FEEDER	DESCRIPTION	DKD	CKT
CKI.	BKK.	DESCRIPTION	IPTION FEEDER	Α	В	С	Α	В	С			BRR.	
1				6.5			6.5			3-12, 1-12G			2
3	15/3	COND UNIT CU-3	3-12, 1-12G		6.5			6.5			COND UNIT CU-3	15/3	4
5						6.5			6.5				6
7			3-12, 1-12G	6.5			6.5			3-12, 1-12G	COND UNIT CU-3		8
9	15/3	COND UNIT CU-3			6.5			6.5				15/3	10
11						6.5			6.5				12
13	3			6.5			6.5						14
15	15/3	COND UNIT CU-3	3-12, 1-12G		6.5			6.5		3-12, 1-12G	COND UNIT CU-3	15/3	16
17						6.5			6.5				18
19													20
21	15/3	SPARE											22
23													24
25													26
27	15/3	SPARE											28
29													30
				19.5	19.5	19.5	19.5	19.5	19.5				
									A phase	39.0	am	ps	
CONNECTED LOADS PER PHASE									B phase	39.0	am	ps	
										C phase	39.0	am	ps

