

SYMBOLS LEGEND:

POWER SYMBOLS

SYMBOL	DESCRIPTION
	WALL/CEILING MOUNTED JUNCTION BOX
	WALL/CEILING MOUNTED LOW VOLTAGE JUNCTION BOX
	FLEXIBLE CONNECTION TO EQUIPMENT
	DISCONNECT SWITCH
	FUSED OR CIRCUIT BREAKER DISCONNECT SWITCH
	MOTOR STARTER
	COMBINATION STARTER
	SLEEVE THROUGH WALL ABOVE CEILING. PROVIDE FIREPROOFING AS SPECIFIED
	SLEEVE THROUGH FLOOR - SIZE NOTED ON PLANS
	CONDUIT TURNING UP/DOWN
	SURFACE MOUNTED PANELBOARD
	FLUSH MOUNTED PANELBOARD
	EXISTING PANELBOARD
	EQUIPMENT AS NOTED - DOUBLE LINE REPRESENTS FRONT OF EQUIPMENT
	TRANSFORMER - REFER TO TRANSFORMER SCHEDULE FOR TYPE AND CAPACITY
	BUSWAY RISER
	WATT HOUR DEMAND METER
	PLYWOOD EQUIPMENT BACKBOARD
	CABLE TRAY
	PUSH BUTTON
	EMERGENCY POWER OFF (E.P.O.) BUTTON
	RELAY
	CLOCK OUTLET
	SURFACE MOUNTED MULTI OUTLET ASSEMBLY.
	SURFACE MOUNTED MULTI-OUTLET ASSEMBLY WITH GROUND FAULT INTERRUPTING RECEPTACLES. RECEPTACLES SHALL BE 18" O.C. UNLESS OTHERWISE NOTED.
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE MOUNTED AT NON-STANDARD HEIGHT AS NOTED
	SPLIT WIRED DUPLEX RECEPTACLE. EACH RECEPTACLE SHALL BE WIRED SEPARATELY
	DOUBLE DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE MOUNTED AT NON-STANDARD HEIGHT AS NOTED
	ISOLATED GROUND DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER DOUBLE DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER DOUBLE DUPLEX RECEPTACLE MOUNTED AT NON-STANDARD HEIGHT AS NOTED
	WEATHER PROOF GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE - TYPE AS NOTED
	FLUSH, AFTER-SET SERVICE FITTING. COLOR AS DIRECTED BY ARCHITECT. SEE DETAIL 7/E7??
	FLUSH, AFTER-SET SERVICE FITTING. COLOR AND EXACT LOCATION AS DIRECTED BY ARCHITECT. SUBSCRIPT DENOTES TYPE.
	MULTI-SERVICE ASSEMBLY FLUSH CAST-IN-PLACE FLOOR OUTLET. <ul style="list-style-type: none"> o. WRETHMOLD RAISED FLOOR BOX: AF3 SERIES - COORDINATE BOX COLOR WITH ARCHITECT. - PROVIDE (1) DOUBLE-GANG QUADRIPLATE PLATE, DOT-DRP. (1) SINGLE GANG BLANK PLATE, SOT-B. (1) SINGLE GANG SIMPLEX PLATE, SOT-H. COORDINATE DATA REQUIREMENTS WITH OWNER. - PROVIDE (2) DUPLEX NEMA 5-20R RECEPTS AND COORDINATE FINAL CONNECTION TYPE FOR SCANNER WITH ARCHITECT PRIOR TO ROUGH-IN.
	POWER/TELEPHONE/DATA CONNECTION FOR FURNITURE PARTITION FEED.
	FLUSH, AFTER-SET SERVICE FITTING FOR TELEPHONE OUTLET. COLOR AND EXACT LOCATION AS DIRECTED BY ARCHITECT.
	FLUSH, AFTER-SET SERVICE FITTING FOR DATA OUTLET. COLOR AND EXACT LOCATION AS DIRECTED BY ARCHITECT.
	FLUSH, AFTER-SET SERVICE FITTING FOR COMBINATION VOICE/DATA OUTLET. COLOR AND EXACT LOCATION AS DIRECTED BY ARCHITECT.
	TELEPHONE OUTLET - PROVIDE 4" SQUARE BOX WITH 1 GANG PLASTER RING AND 3/4" CONDUIT TO ABOVE DROP CEILING
	WALL TELEPHONE OUTLET - PROVIDE 4" SQUARE BOX WITH 1 GANG PLASTER RING AND 3/4" CONDUIT TO ABOVE DROP CEILING
	COMBINATION VOICE/DATA OUTLET. PROVIDE 4" SQUARE BOX WITH SINGLE GANG PLASTER RING AND (1) 3/4" EMPTY CONDUITS TURNED OUT ABOVE ACCESSIBLE CEILING
	DATA OUTLET - PROVIDE 4" SQUARE BOX WITH 1 GANG PLASTER RING AND 3/4" CONDUIT TO ABOVE DROP CEILING
	TELEPHONE/POWER POLE
	TELEVISION/CABLE OUTLET
	MICROPHONE JACK
	VARIABLE FREQUENCY DRIVE - PROVIDED BY DIVISION 15

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
	FLUORESCENT FIXTURE. TYPE AS NOTED.
	SURFACE MOUNTED FIXTURE WITH OUTLET BOX SHOWN.
	PENDANT MOUNTED FIXTURE
	FIXTURE WITH FLEXIBLE WIRING SYSTEM CONNECTOR.
	FIXTURE ON UNSWITCHED EMERGENCY CIRCUIT.
	WALL MOUNTED FIXTURE.
	DOWNLIGHT, DECORATIVE, PENDANT, BOLLARD, SITE OR MISC. FIXTURE.
	WALLWASH, ACCENT, FIXTURE
	DIRECTIONAL FIXTURE - ARROW INDICATES DIRECTION
	TRACK LIGHTING
	POLE MOUNTED SITE FIXTURE
	POLE MOUNTED DUAL SITE FIXTURE
	POLE MOUNTED DUAL SITE FIXTURE AT 90°
	POLE MOUNTED TRI SITE FIXTURE
	POLE MOUNTED QUAD SITE FIXTURE
	FLOOD FIXTURE
	SINGLE FACE EXIT FIXTURE
	CEILING MOUNTED DOUBLE FACE EXIT FIXTURE - BOTH DIRECTIONS
	EMERGENCY WALL/CEILING PACK FIXTURE WITH AIMABLE HEADS
	SINGLE POLE SWITCH
	TWO SINGLE POLE SWITCHES UNDER COMMON FACEPLATE CONNECTED FOR INNER/OUTER CONTROL OF LAMPS
	THREE SINGLE POLE SWITCHES UNDER COMMON FACEPLATE
	THREE WAY SWITCH
	(2) THREE-WAY SWITCHES UNDER COMMON FACEPLATE CONNECTED FOR INNER/OUTER OF LAMPS FROM TWO LOCATIONS
	FOUR WAY SWITCH
	PILOT SWITCH, SINGLE POLE WITH ILLUMINATED HANDLE
	WALL BOX DIMMER 1000W UNLESS OTHERWISE NOTED
	MOMENTARY CONTACT SWITCH
	REMOTE LIGHT SWITCH WITH LOCAL OVER RIDE - SENTRY SWITCH, SS SERIES
	OCCUPANCY SENSING SWITCH FOR LIGHTING CONTROL. SUBSCRIPT NOTES SENSOR TYPE
	SWITCH ADAPTER FOR FLEX WIRING SYSTEM.
	LIGHTING CONTACTOR
	TIME CLOCK
	PHOTOCELL

RACEWAY SYMBOLS

SYMBOL	DESCRIPTION
	HOMERUN TO PANEL AND CIRCUIT BREAKER NOTED.
	PROVIDE PHASE CONDUCTORS AS SCHEDULED.
	PROVIDE NEUTRAL CONDUCTOR AS SCHEDULED.
	PROVIDE INSULATED EQUIPMENT GROUND CONDUCTOR AS SCHEDULED.
	RACEWAY CONCEALED IN WALL OR ABOVE CEILING
	RACEWAY EXPOSED
	RACEWAY CONCEALED IN FLOOR SLAB. BELOW SLAB OR GRADE, OR UNDER RAISED ACCESS FLOOR
	FLEXWIRE RACEWAY
	VOICE AND DATA RACEWAY - 3/4" EMPTY CONDUIT. UNLESS NOTED OTHERWISE. BRANCH CIRCUIT TO FEED MANUFACTURED PARTITION SYSTEM - SEE DETAIL X/XX.
	24-0VDC EMERGENCY LIGHTING BRANCH CIRCUIT - (2)#10-1/2" - UNLESS NOTED OTHERWISE.
	SOUND SYSTEM RACEWAY
	EXISTING RACEWAY TO REMAIN
	DENOTES EXISTING EQUIPMENT OR CIRCUIT TO BE REMOVED

SECURITY SYMBOLS

SYMBOL	DESCRIPTION
	ELECTRICALLY OPERATED STRIKE OR LOCKSET
	MAGNETIC DOOR POSITION SWITCH
	CARD READER
	BELL OR CHIME
	KEY PAD FLUSH MOUNTED AT SWITCH HEIGHT TO SHUNT INTRUSION SYSTEM
	REQUEST TO EXIT
	INSTANTANEOUS AUDIBLE ALARM
	TIME DELAY PROP ALARM
	INTERCOM
	PANIC STATION
	CLOSED CIRCUIT TELEVISION CAMERA

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION
	CEILING MOUNTED SMOKE DETECTOR
	CEILING MOUNTED PHOTO ELECTRIC SMOKE DETECTOR
	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR (135° UNLESS OTHERWISE NOTED) SUBSCRIPT DENOTES RATING.
	FIRE ALARM SMOKE DETECTOR UNDER RAISED FLOOR
	FIRE ALARM SMOKE DETECTOR ABOVE CEILING MOUNTED TO STRUCTURE
	VESDA PANEL
	VESDA DETECTOR
	VESDA DETECTOR UNDERFLOOR
	FIRE ALARM AUDIBLE HIGH POWERED HORN - WALL MOUNTED
	FIRE ALARM AUDIBLE/VISUAL DEVICE - WALL MOUNTED
	FIRE ALARM VISUAL DEVICE - WALL MOUNTED
	FIRE ALARM MANUAL STATION
	DOOR HOLD OPEN DEVICE
	FIRE ALARM ADDRESSABLE INPUT DEVICE - SUBSCRIPT INDICATES QUANTITY
	FIRE ALARM ADDRESSABLE OUTPUT DEVICE - SUBSCRIPT INDICATES QUANTITY
	FIRE ALARM FIREMAN'S PHONE OUTLET
	FIRE ALARM FIREMAN'S WARDEN STATION
	FIRE ALARM CONNECTION TO FLOW SWITCH - SUBSCRIPT INDICATES QUANTITY
	FIRE ALARM CONNECTION TO VALVE SUPERVISORY SWITCH - SUBSCRIPT INDICATES QUANTITY
	FIRE ALARM REMOTE INDICATING LAMP ASSEMBLY
	MOISTURE DETECTOR MOUNTED BELOW RAISED FLOOR
	CEILING MOUNTED SPEAKER

REFERENCE SYMBOLS

SYMBOL	DESCRIPTION
	DRAWING TITLE DENOTES SHEET TITLE. DENOTES SCALE OF DRAWING. DENOTES DRAWING NUMBER AND SHEET NUMBER. DENOTES NOTE TITLE.
	MATCH LINE
	DENOTES ELEVATION.
	DENOTES ENLARGED PLAN OR DETAIL.
	DENOTES A SECTION CUT.
	KEYNOTE SYMBOL.
	DENOTES REVISION.
	EXISTING TO REMAIN.
	DENOTES WEATHERPROOF DEVICE.

GROUNDING SYMBOLS

SYMBOL	DESCRIPTION
	GROUND BUS
	GROUND ROD
	INSPECTION WELL
	ROOF ROD
	PARAPET AIR TERMINAL
	AIR TERMINAL

ONE LINE SYMBOLS

SYMBOL	DESCRIPTION
	AUTOMATIC TRANSFER SWITCH (A.T.S.) WITH INTERNAL BYPASS
	AUTOMATIC TRANSFER SWITCH (A.T.S.)
	MOLDED CASE CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER
	FUSE
	DRAWOUT FUSED BREAKER
	FUSED BREAKER
	SWITCH
	FUSED SWITCH
	NORMALLY OPENED CONTACT/STARTER
	NORMALLY CLOSED CONTACT/STARTER
	PANEL SPACE FOR MOLDED CASE BREAKER
	PANEL SPACE FOR DRAWOUT BREAKER
	TRANSFORMER
	MEMO METER
	ELECTRICAL GENERATOR
	MOTOR - SUBSCRIPT DENOTES HORSEPOWER
	GROUND
	BATTERY

ASHRAE HEADQUARTERS ADDITION AND RENOVATION



THIS DRAWING IS THE PROPERTY OF RICHARD WITTIGBEE ARCHITECTS INTERIORS PLANNING. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM WITHOUT THE WRITTEN CONSENT OF RICHARD WITTIGBEE ARCHITECTS INTERIORS PLANNING.

DRAWING TITLE:

SYMBOL LEGENDS

PROJECT NUMBER:

200614

DATE:

05/25/07

DRAWING NUMBER:



270 Scientific Drive
Norcross, Georgia, 30092
Technology Park/Atlanta

E0.00