

## GENERAL NOTES



A-1,3,5  
B a

A-1,3,5, ADJACENT TO ARROW INDICATES HOMERUN OF CIRCUITS 1,3,5 TO PANEL A. MARKS ACROSS RACEWAY RUNS INDICATE THE NUMBER OF #12 AWG CONDUCTORS. UNLESS NOTED NO MARKS INDICATE TWO #12 AWG CONDUCTORS. MULTI-WIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH DEDICATED NEUTRALS PER PHASE; DO NOT SHARE NEUTRAL CONDUCTORS.

NUMERAL AND LOWER CASE LETTER INDICATES CIRCUIT CONNECTION AND SWITCH LEG DESIGNATION RESPECTIVELY. UPPER CASE LETTER INDICATES FIXTURE TYPE.

### NOTES:

- ALL SYMBOLS INDICATED IN THIS LEGEND MAY NOT BE USED ON THE PLANS.
- DIMENSIONS INDICATED IN LEGEND ARE TO CENTER OF OUTLET OR EQUIPMENT, UNLESS OTHERWISE INDICATED. DIMENSIONS INDICATED ARE TO COMPLY WITH ACCESSIBILITY CODE(S).
- REFER TO SPECIFICATIONS FOR FINISH COLOR/TYPE OF DEVICES AND DEVICE PLATES; WHERE NOT INDICATED IN SPECIFICATIONS, CONFIRM FINISH REQUIREMENTS WITH ARCHITECT OR OWNER.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES.

## SYMBOL LEGEND - RACEWAY

	RACEWAY INSTALLED EXPOSED ON WALLS AND/OR ON CEILING.
	RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING.
	RACEWAY INSTALLED CONCEALED BELOW FLOOR, SLAB, OR GRADE.

## SYMBOL LEGEND - SYSTEMS

	RECESSED/FLUSH FLOOR BOX WITH UTILITIES INDICATED. INSTALLATION MAY REQUIRE POKE-THRU OR FLUSH MOUNTED BOX, REFER TO NOTES ON DRAWINGS OR SPECIFICATIONS.
	VOICE/DATA OUTLET 18" A.F.F. - 4"x4" BOX, PLASTER RING, AND 1" CONDUIT FROM BOX TO ACCESSIBLE CEILING, NETWORK CABLING AS SPECIFIED OR AS INDICATED. "X" INDICATES QUANTITY OF CONNECTIONS/CABLES PER OUTLET. NO "X" INDICATES (2) CONNECTIONS/CABLES, UNLESS OTHERWISE INDICATED.
	VOICE/DATA OUTLET CEILING MOUNTED - 4"x4" BOX, PLASTER RING, AND 1" CONDUIT FROM BOX TO ACCESSIBLE CEILING, NETWORK CABLING AS SPECIFIED OR AS INDICATED. "X" INDICATES QUANTITY OF CONNECTIONS/CABLES PER OUTLET. NO "X" INDICATES (1) CONNECTIONS/CABLES, UNLESS OTHERWISE INDICATED.
	TELEPHONE (ANALOG) OUTLET 18" A.F.F. - 4"x4" BOX, PLASTER RING, AND 1" CONDUIT FROM BOX TO ACCESSIBLE CEILING, CABLING AS SPECIFIED OR AS INDICATED.
	AUDIO/VISUAL BOX - 4"x4" BOX, PLASTER RING, AND 1" CONDUIT FROM BOX TO ACCESSIBLE CEILING, CABLING IS PROVIDED BY OTHERS. COORDINATE EXACT REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR AND LOW VOLTAGE "AV" DRAWINGS.

## SYMBOL LEGEND - POWER

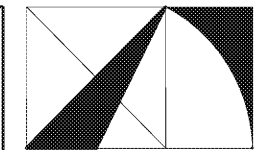
	MECHANICAL EQUIPMENT TAG - REFER TO MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR ADDITIONAL INFORMATION AND BRANCH CIRCUIT REQUIREMENTS.
	PANELBOARD - FLUSH OR SURFACE MOUNTED, VOLTAGE AS INDICATED IN SCHEDULE.
	DISCONNECT SWITCH - RATING/POLES/ENCLOSURE/FUSING AS INDICATED. (EXAMPLE 30/3/30/1F)
	WEATHER PROOF ENCLOSURE PROVIDED FOR DEVICE OR EQUIPMENT.
	DUPLEX RECEPTACLE - 18" A.F.F. OR AT HEIGHT INDICATED. NEMA-5-20P
	DOUBLE DUPLEX RECEPTACLE - 18" A.F.F. OR AT HEIGHT INDICATED
	DUPLEX 20A GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE - 18" A.F.F., OR AT HEIGHT INDICATED.
	DOUBLE DUPLEX 20A GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE - 18" A.F.F., OR AT HEIGHT INDICATED.
	DUPLEX 20A RECEPTACLE - XX" A.F.F. AS NOTED ON PLANS
	JUNCTION BOX - CEILING/WALL/FLOOR MOUNTED
	CENTER SHADING INDICATES OUTLET TO BE INSTALLED ABOVE COUNTER TOPS. INSTALL DEVICES HORIZONTALLY ABOVE COUNTER TOP AND/OR BACK SPLASH, UNLESS INDICATED ON ARCHITECTURAL DRAWINGS. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL DETAILS AND ELEVATIONS. MAXIMUM OUTLET HEIGHT SHALL BE 46" TO CENTERLINE OF OUTLET PER ADA ADULT OBSTRUCTED REACH REQUIREMENTS.
	SPECIAL RECEPTACLE AS NOTED - 18" A.F.F., UNLESS OTHERWISE NOTED
	MOTORIZED DAMPER 120V POWER CONNECTION. DIV 26 TO PROVIDE 4"x4" DEVICE BOX WITH 20A TOGGLE SWITCH FOR LOCAL DISCONNECT AND FLEX CONNECTION TO CONTROL POWER TRANSFORMER SUPPLIED BY DIV 23. PROVIDE 120V CONNECTION FROM NEAREST VAV OR PIU CIRCUIT.
	MOTOR - SEE AS INDICATED
	GROUND ROD

## SYMBOL LEGEND - LIGHTING

	CEILING BOX AND FLUORESCENT LIGHTING FIXTURE (HALF SHADED INDICATES EMERGENCY FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR EMERGENCY BACK-UP)
	WALL BOX AND FLUORESCENT 1'x4' FIXTURE
	CEILING OUTLET AND FLUORESCENT 4'-0" FIXTURE (SHADED INDICATES EMERGENCY FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR EMERGENCY BACK-UP)
	DOWNLIGHT FIXTURE (SHADED INDICATES EMERGENCY FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR EMERGENCY BACK-UP)
	WALL OUTLET AND FIXTURE
	CEILING OR WALL MOUNTED EXIT SIGN. ARROWS DENOTE DIRECTION OF EGRESS
	FLOOD/SPOT OR TRACK MOUNTED FIXTURE
	LIGHTING TRACK
	SINGLE POLE TOGGLE SWITCH - 48" A.F.F.
	OCCUPANCY SENSOR SWITCH - 48" A.F.F.
	MECHANICALLY OPERATED TIMER SWITCH WITH BYPASS OVERRIDE - 48" A.F.F.
	OCCUPANCY SENSOR - CEILING MOUNTED
	POWER PACK
	THREE-WAY TOGGLE SWITCH - 48" A.F.F.
	LOW VOLTAGE LIGHT SWITCH

## FIRE ALARM SYMBOLS LEGEND

	FIRE ALARM CONTROL PANEL.
	FIRE ALARM REMOTE ANNUNCIATOR PANEL, ALPHA-NUMERIC DISPLAY TYPE.
	FIRE ALARM REMOTE POWER SUPPLY.
	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR REMOTE STATION.
	FIRE ALARM SYSTEM ADDRESSABLE INPUT - SUPERVISORY OR ALARM INPUT AS NOTED.
	FIRE ALARM SYSTEM ADDRESSABLE OUTPUT.
	VALVE TAMPER SWITCH - REFER TO FIRE PROTECTION FOR EXACT LOCATIONS.
	FLOW SWITCH - REFER TO FIRE PROTECTION FOR EXACT LOCATIONS.
	FIRE ALARM POST INDICATOR VALVE TAMPER SWITCH.
	FIRE FIGHTER'S TWO-WAY COMMUNICATION PHONE
	FIRE ALARM ANNUNCIATOR PANEL
	DOOR HOLD OPEN DEVICE - INTERCONNECT WITH FIRE ALARM SYSTEM, COORDINATE WITH DIVISION 8.
	FIRE ALARM SYSTEM SMOKE DETECTOR (P = PHOTOELECTRIC, I = IONIZATION, BLANK = SINGLE STATION)
	FIRE ALARM SOUNDER
	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR - REFER TO DIV 23 FOR EXACT LOCATIONS.
	FIRE ALARM SYSTEM MANUAL PULL STATION.
	FIRE ALARM SYSTEM HORN/STROBE SIGNAL. BOTTOM OF STROBE LENS SHALL BE 80" AFF, LOCATE WITHIN 6" OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE. ("SS" INDICATES SPEAKER/STROBE IN LIEU OF HORN/STROBE)
	FIRE ALARM SYSTEM STROBE-ONLY SIGNAL. BOTTOM OF STROBE LENS SHALL BE 80" AFF. LOCATE WITHIN 6" OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE.
	FIRE/SMOKE DAMPER BY MECHANICAL. PROVIDE 120V CONNECTION FROM NEAREST VAV OR PIU CIRCUIT. OR, IF NOT AVAILABLE, FROM NEAREST 120V CONVENIENCE RECEPTACLE. INTERCONNECT WITH FIRE ALARM SYSTEM. PROVIDE A DUCT MOUNTED SMOKE DETECTOR WITHIN 5-FEET OF EACH F/SD, AND INTERCONNECT FOR ACTIVATION.
	FIRE ALARM SYSTEM FIRE-HEAT DETECTOR.

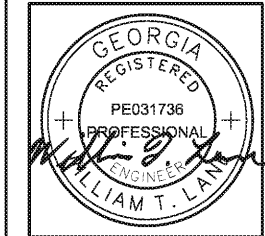


THE ARCHITECTURE GROUP, INC.

377 Peachtree St.  
Atlanta, GA 30303  
Phone: (678) 222-0375  
Fax: (678) 222-0384  
tag@architecturegroup.com

COPYRIGHT © 2018 BY THE ARCHITECTURE GROUP, INC. ALL RIGHTS RESERVED.

THIS DRAWING MAY NOT BE USED IN ANY MANNER NOR REPRODUCED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT FROM THE ARCHITECTURE GROUP, INC.



2018 MRRF CAMPUS-WIDE  
ADA IMPROVEMENTS  
PROJECT No. IGSU-026-18  
TAG PROJECT No. 1706  
GEORGIA STATE UNIVERSITY  
ATLANTA, GEORGIA

100% CD#	2/5/2017
REVISIONS	
DATE	2/5/2017
DRAWN BY	
CHECKED	
APPROVED	
SCALE	AS NOTED
PROJECT NUMBER	1706
DRAWING TITLE	

ELECTRICAL LEGENDS - NATURAL SCIENCE BLDG

DRAWING NUMBER

NS E0.1



SPENCER BRISTOL ENGINEERING, INC.  
A Gray Company  
3577 Parkway Lane, Suite 250  
Peachtree Corners, Georgia 30092  
Tel. 770.414.1628 Fax 770.414.6024  
SBE Project No. 1744