



ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	BRANCH CIRCUIT CONDUIT AND WIRE CONCEALED ABOVE CEILING OR BEHIND FINISHED WALL	N/A
	BRANCH CIRCUIT CONDUIT AND WIRE CONCEALED BELOW FINISHED FLOOR OR UNDERGROUND.	N/A
	RACEWAY EXPOSED ON WALL OR CEILING	N/A
	HOMERUN TO PANELBOARD - LETTER INDICATES PANEL NUMBER INDICATES CIRCUIT, MINIMUM 3/4" CONDUIT. NOTE: ANY HOMERUN WITHOUT FURTHER DESIGNATION INDICATES TWO #12 AWG AND #12 AWG EQUIPMENT GROUND. PC OUTLET REQUIRES SEPARATE NEUTRAL, MIN. #10 AWG. DEDICATED CIRCUIT REQUIRES SEPARATE NEUTRAL.	N/A
	RACEWAY RISER, UP OR DOWN AS NOTED	N/A
	CONDUIT CAPPED	N/A
	DUPLX RECEPTACLE - 120VAC. LETTER NEXT TO DEVICE INDICATES THE FOLLOWING: 'WP' = WEATHERPROOF TYPE (IN USE TYPE). 'GFI' = GROUND FAULT PROTECTION TYPE. 'DL' = DAMP LOCATION WEATHERPROOF COVER (NOT IN USE TYPE). 'TP' = TAMPER PROOF.	M.H. 16" AFF TO BOTTOM
	DUPLX RECEPTACLE - 120VAC F = PEDESTAL MOUNTED	M.H. 16" AFF TO BOTTOM
	DOUBLE DUPLX RECEPTACLE - 120VAC	M.H. 16" AFF TO BOTTOM
	DOUBLE DUPLX RECEPTACLE - 120VAC	M.H. 16" AFF TO BOTTOM OR AS NOTED
	SPECIAL PURPOSE RECEPTACLE AS NOTED	M.H. 42" AFF TO BOTTOM
	JUNCTION BOX OR OUTLET BOX, 4" SQUARE BOX UNLESS OTHERWISE NOTED	AS NOTED
	JUNCTION BOX OR OUTLET BOX, 4" SQUARE BOX UNLESS OTHERWISE NOTED	WALL MOUNTED
	PAGING SPEAKER	CEILING MOUNTED
	CAT 6 COMMUNICATIONS OUTLET WITH CAT. 6 CABLING, JACK AND PLASTIC FOG-WHITE FACEPLATE, NUMBER INDICATES # OF PORTS AND CABLING REQUIRED, 1-1/4" CONDUIT W/BUSHING STUBBED INTO CEILING SPACE. ROUTE CABLING TO NEAREST IDF RACK.	M.H. 16" AFF TO BOTTOM OR AS NOTED
	WIRELESS ACCESS POINT COMMUNICATIONS OUTLET WITH TWO (2) CAT. 6A CABLES, JACKS AND PLASTIC FOG-WHITE FACEPLATE, 1-1/4" CONDUIT W/BUSHING STUBBED INTO CEILING SPACE. ROUTE CABLING TO NEAREST IDF RACK.	WALL MOUNTED AT 84" AFF OR 12" BELOW CEILING, WHICHEVER IS LOWER
	120/208 VOLT POWER PANELBOARD	M.H. 6"-0" TO TOP OR AS NOTED
	277/480 VOLT POWER PANELBOARD	M.H. 6"-0" TO TOP OR AS NOTED
	NON-FUSIBLE SWITCH	M.H. 6"-0" TO TOP OR AS NOTED
	FUSIBLE SAFETY SWITCH	M.H. 6"-0" TO TOP OR AS NOTED
	FIRE ALARM STROBE XX = CANDELA RATING, MINIMUM 75 CANDELA U.O.N.	TOP 6" BELOW CEILING OR 80" TO BOTTOM OF LENS A.F.F. WHICHEVER IS LOWER
	FIRE ALARM COMBINATION HORN/STROBE, LETTER IN CIRCLE INDICATES TYPE: C=CHIME, B=BELL, H=HORN, S=SPEAKER XX = CANDELA RATING, MINIMUM 75 CANDELA U.O.N. YY = SPEAKER WATTAGE, MINIMUM 1/2 WATT U.O.N.	TOP 6" BELOW CEILING OR 80" TO BOTTOM OF LENS A.F.F. WHICHEVER IS LOWER
	FIRE ALARM MANUAL PULL STATION	M.H. 48" AFF TO TOP
	FIRE ALARM REMOTE INDICATOR	M.H. 48" AFF TO TOP
	FIRE ALARM SMOKE DETECTOR	CEILING MOUNTED
	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR	DUCT MOUNTED (SEE MECHANICAL DWGS.)
	FIRE ALARM HEAT DETECTOR	CEILING MOUNTED

THIS IS A STANDARD LEGEND. NOT ALL DEVICES SHOWN ARE USED IN THESE DOCUMENTS.

ABBREVIATIONS:		
AFB	ABOVE FINISHED FLOOR	INT INTERCOM/PAGING CABINET
AFG	ABOVE FINISHED GRADE	MTG MOUNTING
E	EXISTING	MTD MOUNTED
ETR	EXISTING TO REMAIN	M.H. MOUNTING HEIGHT
EWC	ELECTRIC WATER COOLER	N/A NOT APPLICABLE
EWB	ELECTRIC WATER HEATER	PROJ PROJECTOR LOCATION
EG	EQUIPMENT GROUND	U.O.N. UNLESS OTHERWISE NOTED
ESB	ENERGY SAVING BALLAST	R REMOVE
EXP	EXPLOSION PROOF	RL RELOCATED
FACP	FIRE ALARM CONTROL PANEL	WP WEATHER PROOF
FATC	FIRE ALARM TERMINAL CABINET	OFCI OWNER FURNISHED, CONTRACTOR INSTALLED
GFI	GROUND FAULT PROTECTION	CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
G, GND	GROUND	CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
GWB	GYPSUM WALL BOARD	OFOI OWNER FURNISHED, OWNER INSTALLED
H.D.	HAND DRYER	

- ELECTRICAL GENERAL NOTES:**  
 (THESE NOTES APPLY TO ALL SHEETS)
- ALL ELECTRICAL WORK SHALL MEET ALL OF THE REQUIREMENTS OF THE FOLLOWING:
    - FLORIDA BUILDING CODE (FBC) 7TH EDITION (2020); THIS CODE INCLUDES THE 2020 FBC BUILDING, MECHANICAL, PLUMBING, ENERGY CONSERVATION, FUEL GAS, ACCESSIBILITY, AND TEST PROTOCOLS VOLUMES. FURTHER, SEE "REFERENCED STANDARDS" IN THE FBC BUILDING CHAPTER 35; FBC MECHANICAL CHAPTER 15; FBC PLUMBING CHAPTER 14; FBC ENERGY CONSERVATION CHAPTER 6; AND FBC FUEL GAS CHAPTER 8) (EFFECTIVE DECEMBER 31, 2020).
    - 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE (FFPC); (THIS CODE ALSO INCLUDES THE FLORIDA VERSIONS OF NFPA 1 AND NFPA 101.) (EFFECTIVE DECEMBER 31, 2020).
    - 2017 NATIONAL ELECTRIC CODE.
    - 2014 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (SREF): - (EFFECTIVE NOVEMBER 4, 2014)
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY THE EXISTING CONDITIONS TO GAIN KNOWLEDGE OF THE SCOPE OF WORK INVOLVED.
  - "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
  - IN GENERAL, THESE DRAWINGS ARE SCHEMATIC IN NATURE AND SHOULD NOT BE SCALED. IT SHALL NOT BE THE INTENT OF THESE PLANS AND/OR SPECIFICATIONS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. PROVIDE ALL ITEMS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
  - ELECTRICAL INSTALLATION SHALL BE CLOSELY COORDINATED WITH ALL OTHER TRADES. REVIEW THE ENTIRE SET OF DOCUMENTS FOR COORDINATION. NO COST SHALL BE ASSOCIATED WITH ILL-TIMED INSTALLATION INCLUDING ANY REPAIRS OR REPLACEMENTS.
  - ALL CONDUITS AND BOXES SHALL BE CONCEALED UNLESS OTHERWISE NOTED. ALL CONDUIT RUNS ARE SCHEMATIC IN NATURE. EXACT ROUTING TO BE DETERMINED IN THE FIELD UNLESS OTHERWISE NOTED.
  - APPLY A BITUMASTIC COATING FOR ALL CONDUITS PENETRATING FLOOR SLABS FROM BELOW GRADE.
  - PROVIDE ALL REQUIRED PULL BOXES, JUNCTION BOXES, ETC. FOR A COMPLETE INSTALLATION.
  - PATCH, REPAIR AND REPAINT ALL WALLS THAT HAVE BEEN DAMAGED DUE TO ELECTRICAL ROUGH-IN. REMOVE ANY UNUSED CONDUIT AND WIRE.
  - PROVIDE FIRE-STOPPING AT ALL FIRE WALL PENETRATIONS. USE A U.L. APPROVED SYSTEM LISTED FOR THE ASSOCIATED INSTALLATION.
  - ALL CONDUCTORS SHALL BE STRANDED COPPER, THHN/THWN, MINIMUM #12 AWG. ALL CONDUCTORS SHALL BE IN CONDUIT. FLEXIBLE CONDUIT SHALL BE LIMITED TO A MAXIMUM OF 6'-0" IN LENGTH.
  - MC CABLE OR OTHER PREMANUFACTURED CABLING SHALL NOT BE USED UNLESS APPROVED BY THE OWNER AND ENGINEER.
  - ALL CIRCUITS SHALL CONTAIN A SEPARATE, GREEN, COPPER GROUNDING CONDUCTOR.
  - ALL RECEPTACLES SHALL HAVE A GROUND TERMINAL.
  - WHEN REUSING OR EXTENDING EXISTING CIRCUITS, VERIFY ALL CIRCUIT NUMBERS AND VERIFY ANY EXISTING LOAD. CIRCUITS MAY BE PICKED UP AT AN EXISTING JUNCTION BOX IF AVAILABLE RATHER THAN PROVIDING A SEPARATE HOMERUN TO A PANEL.
  - THE COLOR OF ALL RECEPTACLES, TOGGLE SWITCHES AND COVERPLATES SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ORDERING.
  - PANELBOARDS SHALL BE ACCURATELY LABELED TO IDENTIFY FINAL CIRCUIT NUMBERS UTILIZED, THEIR LOAD AND LOCATION.
  - BRANCH CIRCUIT SHALL NOT BE RUN UNDERGROUND UNLESS SPECIFIED OR APPROVED BY THE OWNER AND ENGINEER. ROUTE CONCEALED IN WALL AND ABOVE CEILINGS. DISTRIBUTION FEEDERS FROM THE MAIN SWITCHBOARD MAY BE RUN UNDERGROUND.
  - PROVIDE FIRE RETARDANT U.L. APPROVED SEALANT ON ALL PENETRATIONS OF FIRE RATED PARTITIONS, WALLS AND STRUCTURAL SLABS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, PRIOR TO SUBMITTING BID, LOCATIONS OF ALL SUCH FIRE RATED PARTITIONS, WALL AND STRUCTURAL SLABS.
  - PROVIDE HANDLE TIES FOR 2 OR MORE SINGLE POLE WITH SHARED NEUTRALS TO COMPLY WITH NEC 210.4 (B)

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E3.1	PANEL SCHEDULES

REVISIONS	DATE
REVISION	05/09/22

Coral Shores High School  
Cosmetology Alterations

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BUILDING BRIDGES  
TO SUCCESS

ELECTRICAL GENERAL NOTES & LEGEND

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DRAWN	TRG
CHECKED	RCA
DATE	04.18.2022
SCALE	AS NOTED
JOB NO.	21027
DRAWING NO.	E0.1