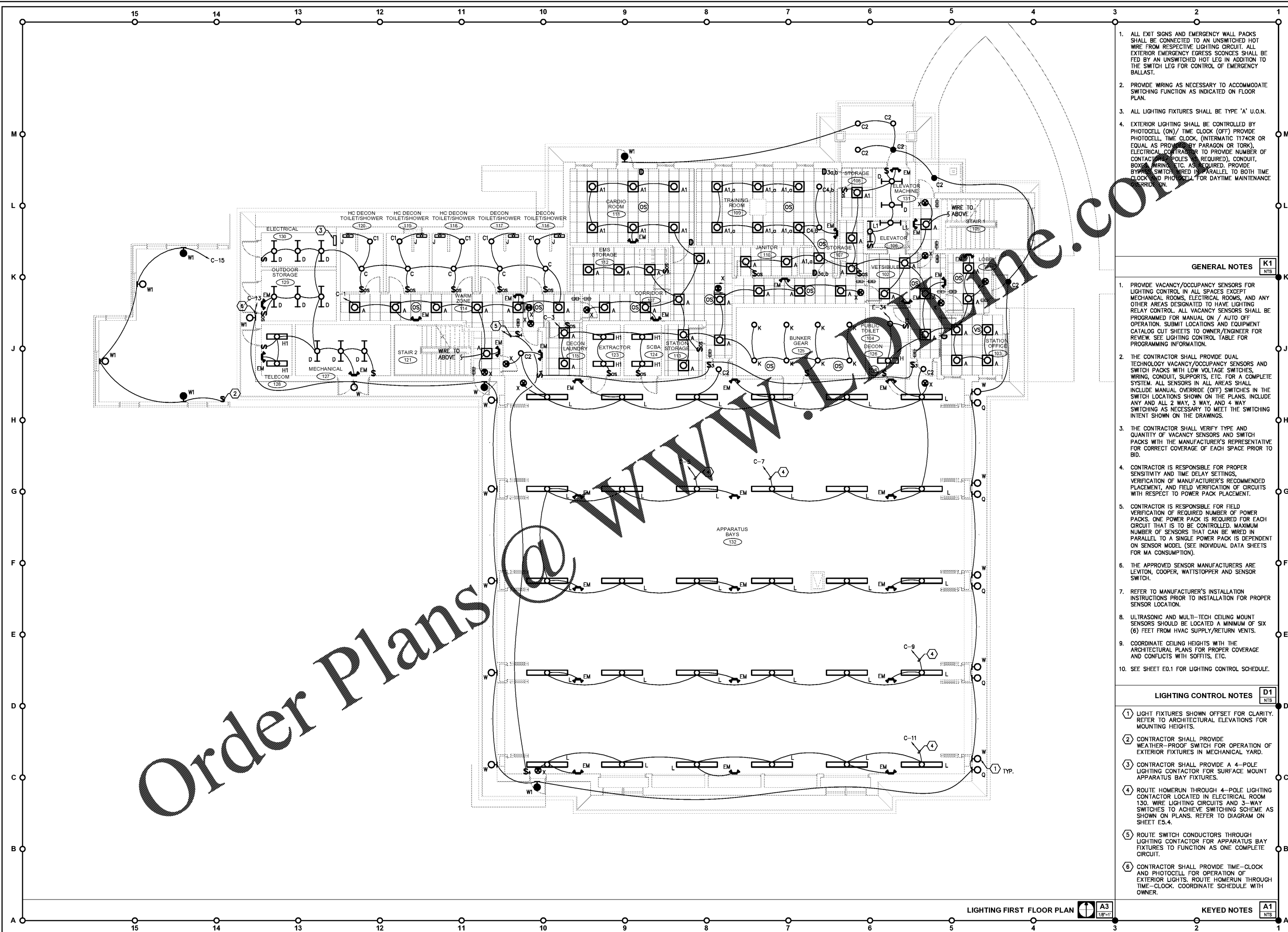


05-25-20  
Joanna Wicks\20191510002 FGA CPA Fire Station 1\Bldg\15-0002\_E2\_1\_Room\_Plan-LIGHTING.dwg



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- ALL EXIT SIGNS AND EMERGENCY WALL PACKS SHALL BE CONNECTED TO AN UNSWITCHED HOT WIRE FROM RESPECTIVE LIGHTING CIRCUIT. ALL EXTERIOR EMERGENCY EGRESS SCONES SHALL BE FED BY AN UNSWITCHED HOT LEG IN ADDITION TO THE SWITCH LEG FOR CONTROL OF EMERGENCY BALLAST.
- PROVIDE WIRING AS NECESSARY TO ACCOMMODATE SWITCHING FUNCTION AS INDICATED ON FLOOR PLAN.
- ALL LIGHTING FIXTURES SHALL BE TYPE 'A' U.O.N.
- EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELL (ON) / TIME CLOCK (OFF) PROVIDE PHOTOCELL, TIME CLOCK, (INTERMATIC T174CR OR EQUAL AS PROVIDED BY PARAGON OR TORK). ELECTRICAL CONTRACTOR TO PROVIDE NUMBER OF CONTACTS (POLES REQUIRED), CONDUIT, BOXES, WIRING, ETC. AS REQUIRED. PROVIDE BYPASS SWITCHED IN PARALLEL TO BOTH TIME CLOCK AND PHOTOCELL FOR DAYTIME MAINTENANCE OPERATION.

**GENERAL NOTES** K1 NTS

- PROVIDE VACANCY/OCCUPANCY SENSORS FOR LIGHTING CONTROL IN ALL SPACES EXCEPT MECHANICAL ROOMS, ELECTRICAL ROOMS, AND ANY OTHER AREAS DESIGNATED TO HAVE LIGHTING RELAY CONTROL. ALL VACANCY SENSORS SHALL BE PROGRAMMED FOR MANUAL ON / AUTO OFF OPERATION. SUBMIT LOCATIONS AND EQUIPMENT CATALOG CUT SHEETS TO OWNER/ENGINEER FOR REVIEW. SEE LIGHTING CONTROL TABLE FOR PROGRAMMING INFORMATION.
- THE CONTRACTOR SHALL PROVIDE DUAL TECHNOLOGY VACANCY/OCCUPANCY SENSORS AND SWITCH PACKS WITH LOW VOLTAGE SWITCHES. WIRING, CONDUIT, SUPPORTS, ETC. FOR A COMPLETE SYSTEM. ALL SENSORS IN ALL AREAS SHALL INCLUDE MANUAL OVERRIDE (OFF) SWITCHES IN THE SWITCH LOCATIONS SHOWN ON THE PLANS. INCLUDE ANY AND ALL 2 WAY, 3 WAY, AND 4 WAY SWITCHING AS NECESSARY TO MEET THE SWITCHING INTENT SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY TYPE AND QUANTITY OF VACANCY SENSORS AND SWITCH PACKS WITH THE MANUFACTURER'S REPRESENTATIVE FOR CORRECT COVERAGE OF EACH SPACE PRIOR TO BID.
- CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS, VERIFICATION OF MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS. ONE POWER PACK IS REQUIRED FOR EACH CIRCUIT THAT IS TO BE CONTROLLED. MAXIMUM NUMBER OF SENSORS THAT CAN BE WIRED IN PARALLEL TO A SINGLE POWER PACK IS DEPENDENT ON SENSOR MODEL (SEE INDIVIDUAL DATA SHEETS FOR MA CONSUMPTION).
- THE APPROVED SENSOR MANUFACTURERS ARE LEVITON, COOPER, WATTSTOPPER AND SENSOR SWITCH.
- REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION FOR PROPER SENSOR LOCATION.
- ULTRASONIC AND MULTI-TECH CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX (6) FEET FROM HVAC SUPPLY/RETURN VENTS.
- COORDINATE CEILING HEIGHTS WITH THE ARCHITECTURAL PLANS FOR PROPER COVERAGE AND CONFLICTS WITH SOFFITS, ETC.
- SEE SHEET EQ.1 FOR LIGHTING CONTROL SCHEDULE.

**LIGHTING CONTROL NOTES** D1 NTS

- LIGHT FIXTURES SHOWN OFFSET FOR CLARITY. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS.
- CONTRACTOR SHALL PROVIDE WEATHER-PROOF SWITCH FOR OPERATION OF EXTERIOR FIXTURES IN MECHANICAL YARD.
- CONTRACTOR SHALL PROVIDE A 4-POLE LIGHTING CONTACTOR FOR SURFACE MOUNT APPARATUS BAY FIXTURES.
- ROUTE HOMERUN THROUGH 4-POLE LIGHTING CONTACTOR LOCATED IN ELECTRICAL ROOM 130. WIRE LIGHTING CIRCUITS AND 3-WAY SWITCHES TO ACHIEVE SWITCHING SCHEME AS SHOWN ON PLANS. REFER TO DIAGRAM ON SHEET ES.4.
- ROUTE SWITCH CONDUCTORS THROUGH LIGHTING CONTACTOR FOR APPARATUS BAY FIXTURES TO FUNCTION AS ONE COMPLETE CIRCUIT.
- CONTRACTOR SHALL PROVIDE TIME-CLOCK AND PHOTOCELL FOR OPERATION OF EXTERIOR LIGHTS. ROUTE HOMERUN THROUGH TIME-CLOCK. COORDINATE SCHEDULE WITH OWNER.

**KEYED NOTES** A1 NTS

LIGHTING FIRST FLOOR PLAN A3 1/8"=1'

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**Pasco County  
 Fire & Rescue Station  
 No. 17**  
 New Port Richey, Florida

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FGA PROJECT NUMBER  
**19039**

ISSUE DATE  
**05-25-20**

REVISIONS

△	DATE:	
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**E2.1**