

KEYNOTES

16.125	EXISTING FIXTURES TO REMAIN UNLESS OTHERWISE NOTED.
16.126	EXISTING LIGHT FIXTURES TO BE DEMOLISHED. VERIFY PRIOR TO ROUGH-IN THAT EXISTING CIRCUIT HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.
16.131	PROVIDE NEW SOLENOID OPERATED CIRCUIT BREAKER IN EXISTING PANELBOARD INDICATED. E.C. SHALL MATCH MANUFACTURER TYPE AND RATING OF EXISTING CIRCUIT BREAKERS. SUBSTITUTIONS NOT PERMITTED. E.C. SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING PANELBOARD HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD. REFER TO ENERGY MANAGEMENT.
16.141	PRODUCE BI-LEVEL SWITCHING BY SWITCHING THE OUTPUT OF EVERY OTHER LUMINAIRE. (CHECKERBOARD)

- PRODUCE LIGHTING GENERAL NOTES**
- TRACK LIGHTING INSTALLATION
 - ORIENT TRACK TO UTILIZE LEFT FEED CURRENT LIMITERS.
 - PROVIDE POWER TO EACH FIXTURE ROW VIA 1/2" FLEXIBLE METAL CONDUIT.
 - FIXTURES SHALL BE ATTACHED DIRECTLY TO TRACK UTILIZING PROVIDED CONNECTORS.
 - TRACK IS TWO-CIRCUIT. STRIP FIXTURES SHALL BE CONNECTED TO ONE CIRCUIT AND CYLINDER FIXTURES SHALL BE CONNECTED TO OTHER CIRCUIT. CANS AND STRIPS CANNOT BE ON THE SAME CIRCUIT.
 - REFERENCE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR INFORMATION ON ATTACHING FIXTURES TO TRACK.
 - TRACK LIGHTING MOUNTING HEIGHT CONSIDERATIONS
 - UTILIZE PROVIDED AIRCRAFT TABLE PER MANUFACTURER'S RECOMMENDATIONS TO SUSPEND TRACK FOLLOWING CORRECT ALTERNATE FROM LIST BELOW. IF THERE ARE ANY OBSTACLE HEIGHTS, SUSPEND TRACK TO UNIFORM MOUNTING HEIGHT. DUCTS, ETC. AMOUNT TRACK LOW OBSTRUCTION TO UNIFORM MOUNTING HEIGHT WHERE ALL ARE UNIFORM HEIGHT.
 - ALTERNATE 1: IF PRODUCE AREA GIRDER IS PERPENDICULAR TO TRACK, SUSPEND TRACK TO A UNIFORM HEIGHT JUST BELOW LOWEST POINT OF AREA BAR JOISTS.
 - ALTERNATE 2: IF PRODUCE AREA GIRDER IS PERPENDICULAR TO TRACK AND BOTTOM OF GIRDER IS BELOW 19', TRACK SHALL RUN THROUGH GIRDER WEBBING AND BE SUSPENDED TO A UNIFORM HEIGHT JUST BELOW LOWEST POINT OF AREA BAR JOISTS. UNIFORMLY ADJUST ALL TRACK LOCATIONS TO ENSURE TYPE 40 STRIP IS RUNNING THROUGH GIRDER WEBBING.
 - ALTERNATE 3: IF PRODUCE AREA GIRDER IS PERPENDICULAR TO TRACK AND BOTTOM OF GIRDER IS ABOVE 19', SUSPEND TRACK TO A UNIFORM HEIGHT JUST BELOW GIRDER.
 - TRACK LIGHTING TESTING
 - UPON COMPLETION OF INSTALLATION, CONTRACTOR SHALL TEST PRODUCE LIGHTS FOR PROPER OPERATION.
 - ENSURE CORRECT SIZE CURRENT LIMITERS ARE INSTALLED ON EACH TRACK ROW PER PLANS.
 - ENSURE CYLINDER FIXTURES ARE CONNECTED TO THE SMALLER OF TWO CURRENT LIMITER SIZES ON EACH ROW.
 - ENSURE ALL CYLINDERS ARE ON THE SAME CIRCUIT(S).
 - ENSURE ALL STRIP FIXTURES ARE ON THE SAME CIRCUIT(S).

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STIPULATION FOR THE CONTRACTOR TO REVIEW AND ACCEPT THE CONTRACTOR'S OBLIGATION TO VERIFY ALL CONDITIONS OF THE PROJECT PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS OF THE PROJECT PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS OF THE PROJECT PRIOR TO COMMENCING WORK.

CONSULTANTS

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REGISTERED ELECTRICAL ENGINEER
NO. 47424-6646, EXP. 12/31/21
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LICENSED BY: OK

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164 CAMP CREEK PKWY, LOUISA, VA 23083
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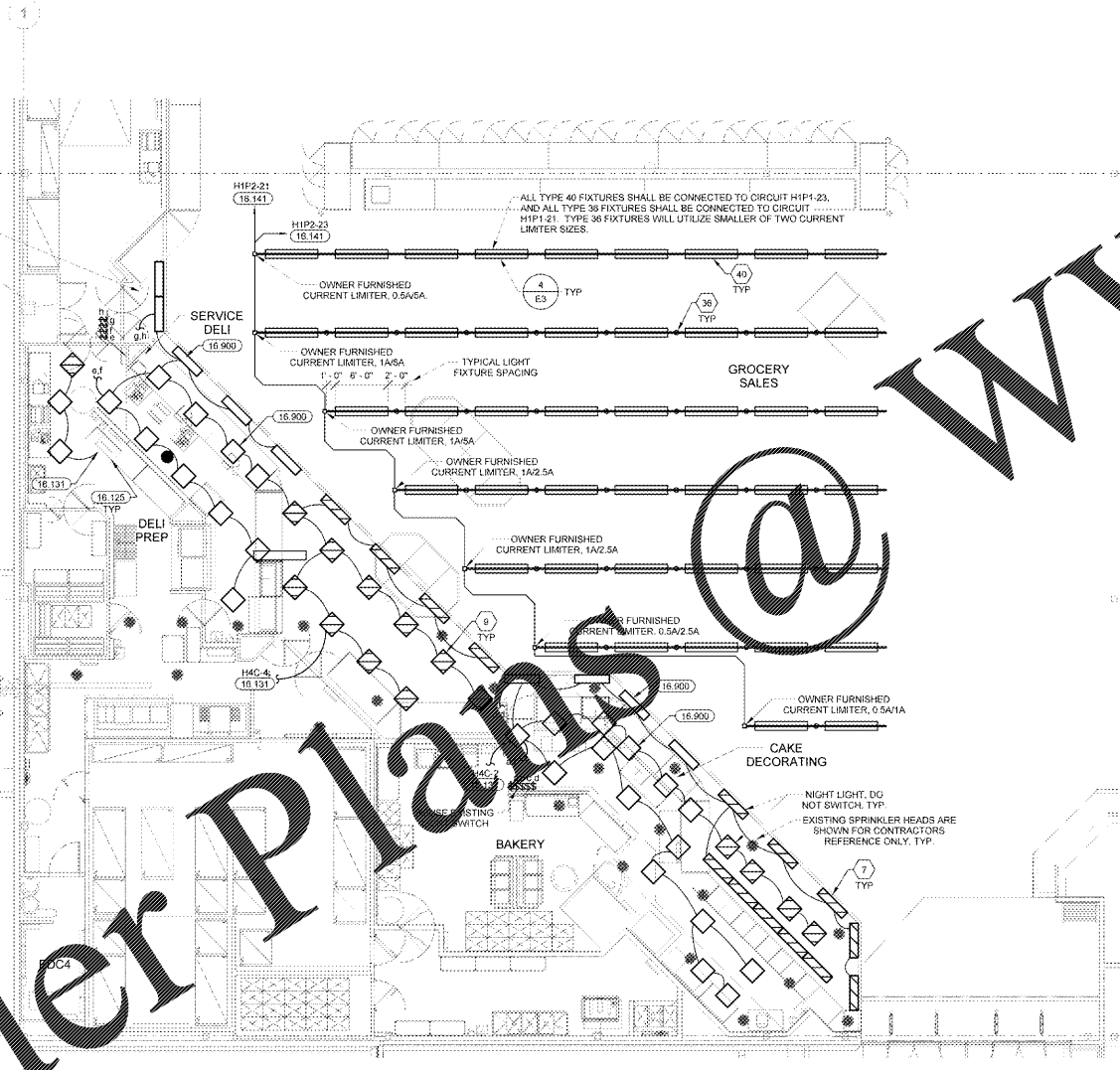
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GROCERY LIGHTING PLANS

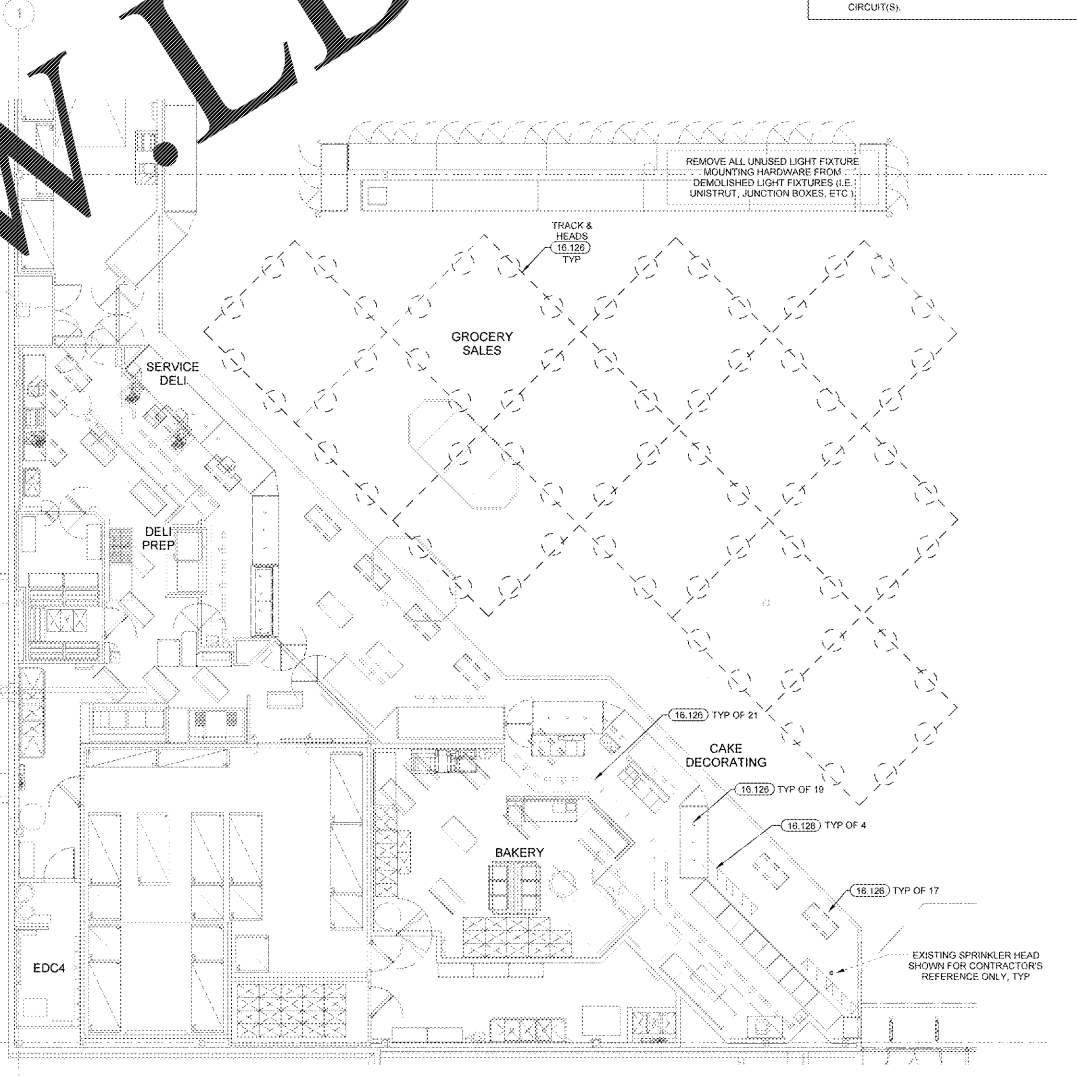
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2 FRONT GROCERY LIGHTING PLAN
1/8" = 1'-0"

CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE LIGHTING SYSTEM AS INDICATED ON PLANS AND/OR AS MODIFIED TO ACCOMMODATE EXISTING OBSTRUCTIONS. IDENTIFY CONFLICTS PRIOR TO ROUGH-IN WHERE CONFLICTS WITH EXISTING UTILITIES OCCUR. ADJUST FIXTURE LOCATION AS REQUIRED. FIXTURES SHALL BE INSTALLED AS NEAR AS POSSIBLE TO LOCATIONS INDICATED ON PLANS WITH EVEN SPACING MAINTAINED.



1 FRONT GROCERY LIGHTING DEMO PLAN
1/8" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT AS-BUILT CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

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