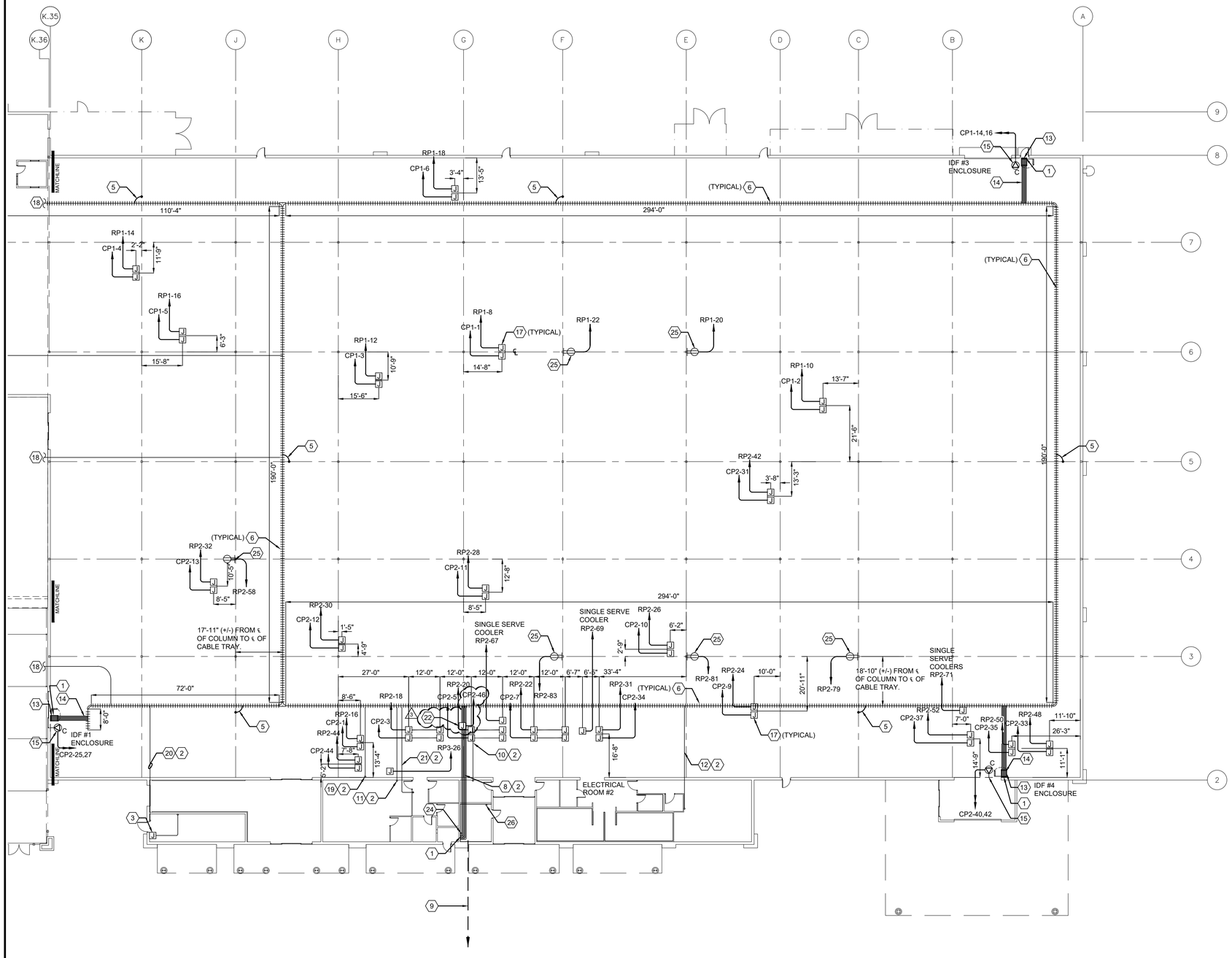
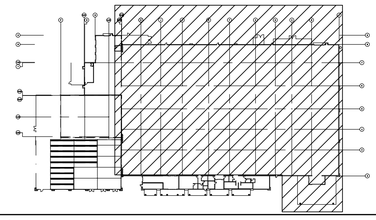


SHEET NOTES

1. ALL CONDUITS AND RACEWAYS SHALL BE INSTALLED ACCORDING TO THE GENERAL NOTES ON SHEET E1.00 AND ACCORDING TO ADDITIONAL NOTES INDICATED ON THIS PLAN.
2. FOR GARDEN CENTER CONDUIT CONTINUATION SEE SHEET E5.01.
3. DIMENSIONS FOR CABLE TRAY ARE APPROXIMATE. COORDINATE WITH LIGHTS, SPRINKLER HEADS, AND HVAC DUCT SO AS NOT TO INTERFERE WITH THE FUNCTION OF EACH.
4. ABSOLUTELY NO LIGHTS SHALL BE BLOCKED AFTER COORDINATION AND INSTALLATION OF THE CABLE TRAY. LIGHT FIXTURE LOCATIONS HAVE PRIORITY.
5. ANY MULTIPLE CIRCUIT RUN IN A SINGLE CONDUIT FROM SINGLE POLE BREAKERS SHALL HAVE A DEDICATED NEUTRAL PULLED WITH EACH CIRCUIT.
6. ALL COVERS FOR EXTERIOR BOXES SHALL BE INSTALLED DURING THE CONDUIT INSTALLATION.
7. ALL WORK ON THIS SHEET SHALL BE COMPLETED 5 WEEKS PRIOR TO KEY TURNOVER.
8. ALL CONDUITS INSTALLED IN UNHEATED AREAS SHALL HAVE COMPRESSION STYLE FITTINGS. ALL COMPRESSION COUPLINGS INSTALLED IN DAMP LOCATIONS SHALL BE UL APPROVED FOR SUCH USE.
9. ALL JUNCTION BOXES SHALL HAVE PRE FORMED KNOCKOUTS.
10. ALL SYSTEM CONDUITS, JUNCTION BOXES, AND PULL BOXES ON THIS PLAN SHALL BE INSTALLED TO THE BOTTOM OF THE TOP CHORD (AS HIGH AS POSSIBLE) AND SHALL HAVE THE COVERPLATES FACING DOWNWARD. SEE MOUNTING DETAIL 4-E6.03.
11. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATIONS OF ALL PULL BOXES WITH OTHER TRADES TO ENSURE ACCESSIBILITY TO ALL JUNCTION BOXES.
12. ALL CONDUITS AND RACEWAYS SHOWN ON THESE DRAWINGS SHALL BE PROVIDED BY THE ELECTRICAL SUB-CONTRACTOR. EMPTY CONDUITS SHALL HAVE A 220-LB. NYLON PULL ROPE INSTALLED BY THE ELECTRICAL SUB-CONTRACTOR FOR FUTURE USE BY OTHERS. SEE GENERAL NOTES ON SHEET E1.00.
13. IDF ENCLOSURES SHALL NOT BLOCK THE VIEW OF EMERGENCY EXIT SIGNS LOCATED ON THE SALES FLOOR.
14. IDF ENCLOSURES SHALL BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.
15. CABLE TRAY AND ASSOCIATED CABLE TRAY ACCESSORIES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

KEYED NOTES

1. ALL BENDS IN CONDUITS FOR CONDUIT SYSTEMS SHOWN ON THIS SHEET SHALL BE MADE WITH LONG SWEEPS.
2. ALL CONDUITS FROM THE SALES FLOOR SYSTEMS/CABLE TRAY GOING INTO THE OFFICE AREA SHALL BE INSTALLED WITHOUT INTERRUPTION FROM THE SALES FLOOR TO THE POINT OF TERMINATION.
3. RUN A 1/2" CONDUIT FROM 4"x4"x2-1/8" JUNCTION BOX AT SPRINKLER ROOM DOOR TO FIRE PUMP CONTROLLER. PENETRATION TO FIRE PUMP CONTROLLER IS TO BE ON THE SIDE OR BOTTOM.
4. NOT USED.
5. INSTALL #1/0 COPPER BONDING JUMPER FROM CABLE TRAY TO BUILDING STEEL. SEE DETAIL 8-E6.02.
6. 6" CABLE TRAY (TYPICAL). SEE DETAIL 8-E6.02.
7. NOT USED.
8. (3) 3" AND (1) 2" CONDUITS FROM CABLE TRAY TO 8'-6" AFF IN TELEPHONE ROOM .
9. (2) 1" CONDUITS TO EXTERIOR FIRE PROTECTION VALVES FOR MONITORING PURPOSES. COORDINATE WITH CIVIL DRAWINGS.
10. 2" CONDUIT FROM CABLE TRAY. TERMINATE 12" ABOVE INSTALLED SALES CEILING WITH PLASTIC BUSHING.
11. (2) 2" CONDUITS FROM TRAINING ROOM TO CABLE TRAY. TERMINATE IN TRAINING ROOM ABOVE CEILING WITH PLASTIC BUSHING.
12. 2" CONDUIT FROM BREAKROOM TO CABLE TRAY. TERMINATE AT THIS POINT IN BREAKROOM ABOVE CEILING WITH PLASTIC BUSHINGS.
13. CONTRACTOR SHALL INSTALL IDF ENCLOSURE. ENCLOSURE SHALL BE LOCATED AS SHOWN, MOUNTED AT 11'-0" AFF TO BOTTOM OF ENCLOSURE AND MOUNTED SUCH THAT THE CABINET OPENS FROM LEFT TO RIGHT. IF ENCLOSURE CANNOT BE MOUNTED WHERE INDICATED, COORDINATE ALTERNATE LOCATION WITH LOWE'S IT AND STORE PLANNING. SEE DETAIL 4-E6.05.
14. CONTRACTOR SHALL INSTALL (4) 3" CONDUITS FROM IDF ENCLOSURE UP WALL TO ABOVE BOTTOM CHORD OF JOISTS. ALL 3" CONDUITS SHALL HAVE SWEEPING 90° ELBOWS AND SHALL CONTINUE ABOVE BOTTOM CHORD OF JOISTS TO CABLE TRAY. THERE SHALL BE NO MORE THAN (1) SWEEPING 90° ELBOW IN EACH CONDUIT.
15. MOUNT NEMA L6-20R RECEPTACLE IN BACK CENTER OF IDF ENCLOSURE. RECEPTACLE SHALL SERVE AS THE DISCONNECTING MEANS FOR EACH ENCLOSURE AND ASSOCIATED EQUIPMENT. CONTRACTOR SHALL ALSO BOND THE IDF ENCLOSURE TO THE BUILDING STEEL WITH A #6 AWG COPPER GROUND (GREEN).
16. NOT USED.
17. FOR SALES FLOOR CEILING MOUNTED 4"x4"x2-1/8" JUNCTION BOXES SEE DETAIL 4-E6.03.
18. SEE SHEET E5.01 FOR CONTINUATION.
19. 2" CONDUIT FROM CABLE TRAY (4" ABOVE TRAY). TERMINATE AT PRODUCT PICK-UP ON WALL AT 8'-6" AFF WITH NYLON BUSHINGS AT BOTH ENDS.
20. 3/4" CONDUIT FROM CABLE TRAY (4" ABOVE TRAY). TERMINATE IN FIRE SPRINKLER ROOM AT 12'-0" AFF WITH NYLON BUSHINGS AT BOTH ENDS.
21. 2" CONDUIT FROM CORRIDOR TO CABLE TRAY. TERMINATE IN HALLWAY ABOVE CEILING WITH PLASTIC BUSHING.
22. 4"X4"X2-1/2" CEILING MOUNTED JUNCTION BOX FOR CASH RECYCLER. SEE SIMILAR DETAIL 4-E6.03. (Δ3)
23. NOT USED.
24. 3" RIGID METALLIC CONDUIT MAST TO BE ROUTED FROM TELE/DATA ROOM TO 4'-0" ABOVE ROOF WITH WEATHERHEAD. SEE DETAIL 02-E3.03.
25. RECEPTACLE FOR PLS CHARGING. MOUNT RECEPTACLE @ 48" A.F.F.
26. 2" RIGID METALLIC CONDUIT MAST (STAR LINK) TO BE ROUTED FROM TELE/DATA ROOM TO 4'-0" ABOVE ROOF WITH WEATHERHEAD. SEE DETAIL 02-E3.03.



KEY PLAN

SCALE: NTS

REVISIONS

◇ PRE-BID SET ISSUE DATE △ POST BID SET ISSUE DATE

DATE		DESCRIPTION
10.31.2025	△1	CITY REVIEW COMMENTS
10.07.2026	△3	CRITERIA UPDATES

Carl Page
Digitally signed by Carl Page
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Date: 2026.10.05 10:38:12-04'00'

No. 0050265
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10.05.2026

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LOWE'S

SALES FLOOR CABLE TRAY AND MISCELLANEOUS CONDUIT PLAN

LOWE'S OF WESTLAKE
5683 SEMINOLE PRATT WHITNEY RD.
Westlake, Florida, 33470

PCN: 77-49-43-31-282-0001.0010
PROJECT No.: 24309
DRAWN BY: JBM
CHECKED BY: CARP

CRITERIA
ISSUE DATE: 02-2025

PERMIT SET
ISSUE DATE: 08-22-2025

CONSTRUCTION SET
ISSUE DATE: 04-14-2025

DRAWING NUMBER:
E5.00

ORIGINAL
SECOND
FINAL

SALES FLOOR - CABLE TRAY AND MISCELLANEOUS CONDUIT PLAN

SCALE: 1"=20'-0"

01