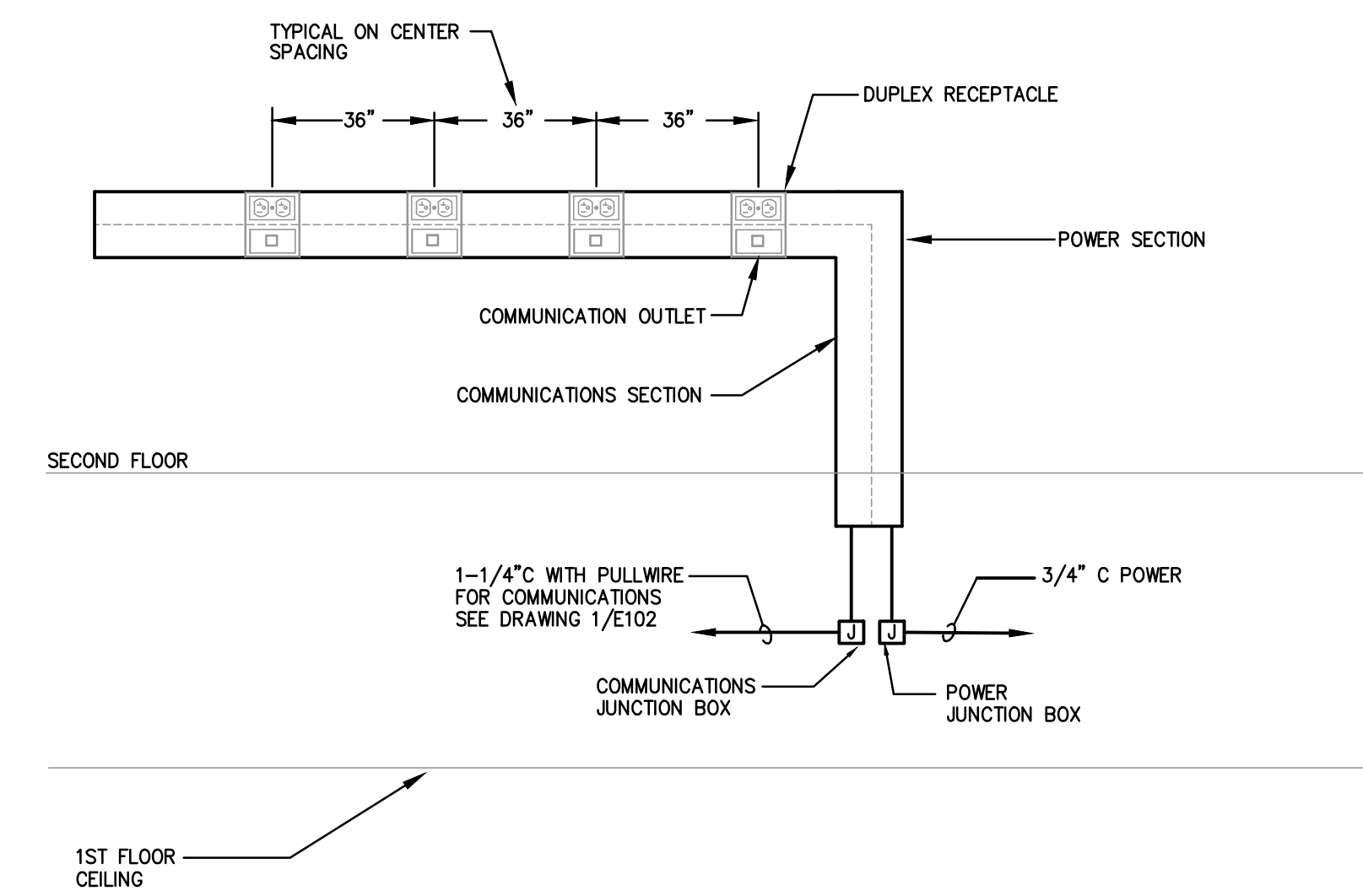
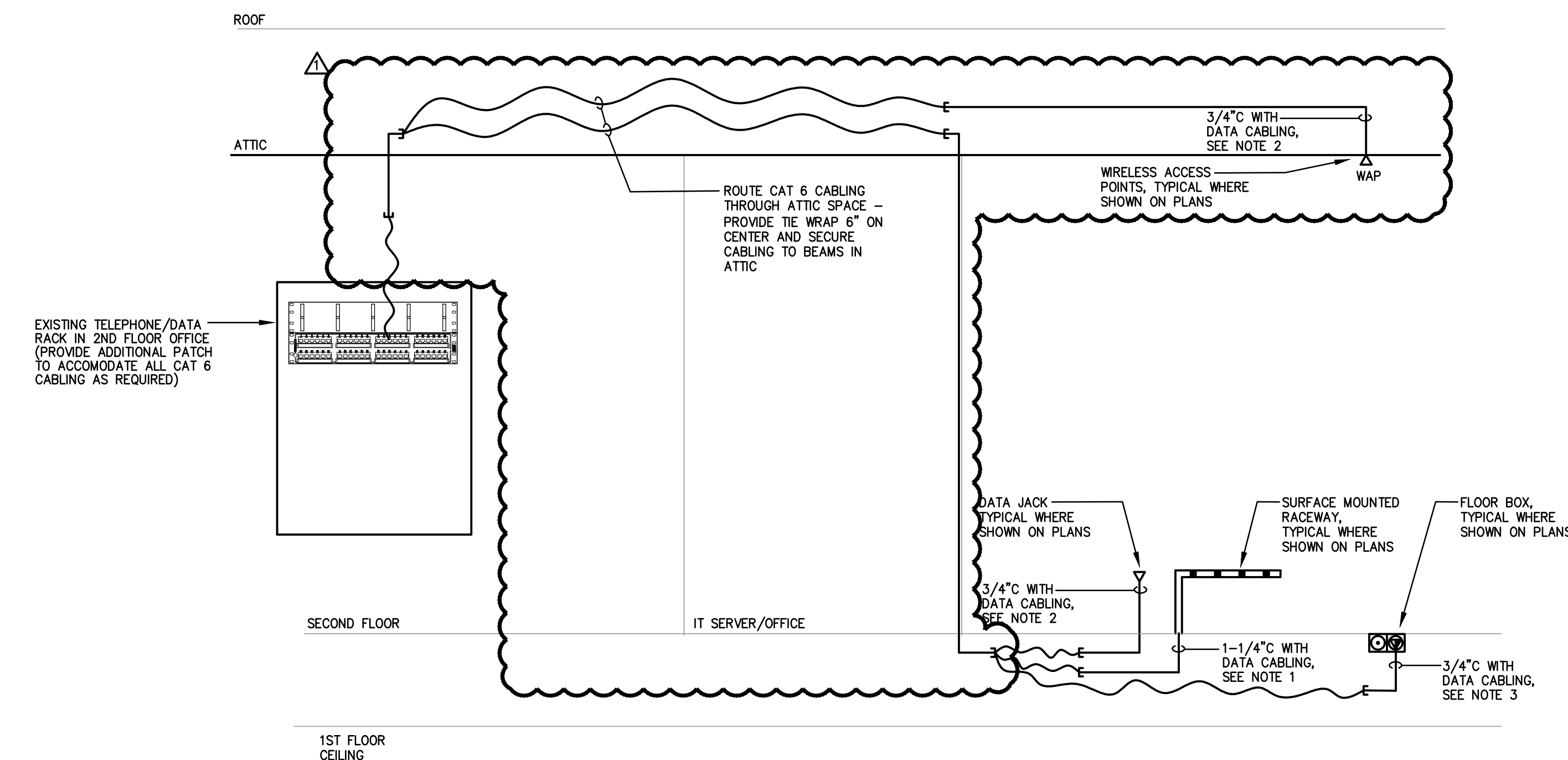


1 SECOND FLOOR PLAN - ELECTRICAL
E102 SCALE 1/4" = 1'-0"



2 TYPICAL WALL MOUNTED MULTI-OUTLET ASSEMBLY ARRANGEMENT DETAIL
E102 NOT TO SCALE

- NOTES:
1. PROVIDE LENGTHS AS INDICATE ON DRAWINGS, PROVIDE QUANTITY OF DEVICES BASED ON THE ON CENTER SPACING SPECIFIED.



3 TELEPHONE/DATA RISER DIAGRAM
E102 SCHEMATIC

- NOTES:
1. PROVIDE CAT6 PLENUM RATED CABLE TO SURFACE MOUNTED RACEWAY. PROVIDE CABLE WITH RJ45 JACK AND TERMINATE ON BOTH ENDS. PROVIDE (1) CAT 6 CABLE FOR EACH RJ45 JACK IN RACEWAY.
 2. PROVIDE (1) CAT6 PLENUM RATED CABLE TO EACH DATA OUTLET AND WAP POINT. PROVIDE CABLE WITH RJ45 JACK AND TERMINATE ON BOTH ENDS.
 3. PROVIDE (2) CAT6 PLENUM RATED CABLES TO EACH DATA FLOOR BOX. PROVIDE CABLE WITH RJ45 JACK AND TERMINATE ON BOTH ENDS.
 4. ALL CONCEALED WIRING SHALL BE APPROVED PLENUM RATED CABLE HARNESS TO BUILDING STEEL WITH TIE WRAPS 6" ON CENTER. ALL WIRING CONCEALED IN WALLS AND INACCESSIBLE CEILING AND IN AREA OF EXPOSED CONSTRUCTION SHALL BE IN CONDUIT.
 5. PROVIDE PROVIDE FIRE RATED THROUGH WALL PENETRATIONS, EZ-PATH SERIES 444 WITH EZ2444ES AND EZ2044ES ACCESSORIES, WHERE CONDUITS PENETRATE FIRE RATED WALLS AND FLOORS, COORDINATE WITH ARCHITECTURAL DRAWINGS.
 6. ALL VOICE/DATA WIRING AND JACKS SHALL BE PERMANENTLY LABELED TO MATCH CORRESPONDING PATCH PANEL TERMINATION NUMBERS.
 7. ALL VOICE/DATA SYSTEMS SHALL BE INSTALLED BY A MANUFACTURER'S CERTIFIED INSTALLER. THE CONTRACTOR SHALL PROVIDE ALL TESTS PER IA/EA-568-B.1 AND B.2 AND GUARANTEE SYSTEM PERFORMANCE. PROVIDE TYPED TEST RESULT DATA TO OWNER FOR APPROVAL.

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(609) 799-8336

SUBMISSIONS

NO.	DATE	DESCRIPTION
1	3/15/23	BID SET

REVISIONS

NO.	DATE	DESCRIPTION
1	4/26/23	ADDENDUM 1

PROFESSIONAL ENGINEER
N.J. LICENSE NO. 3656
FRANK THALLER, P.E.
DATE:

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DATE: 03/08/2023
SCALE: AS NOTED
DRAWN BY: LA
CHECKED BY: FT

SHEET TITLE:
FIRST FLOOR
PLAN, DETAIL &
DIAGRAM -
ELECTRICAL

DRAWING NO.:
E102
CCH PROJECT NO.: 2154

March 15, 2023 3:22:41 p.m.
Drawing: 2812.07 - E102.DWG