

SIGNAL SYMBOLS

- ## WIRING SYMBOLS



- | | |
|---|--|
|  | FIRE ALARM MANUAL PULL STATION, +48" A.F.F. |
|  | MAGNETIC DOOR HOLDER |
|  | SMOKE DETECTOR, DUCT, IONIZATION TYPE W/SAMPLING TUBE |
|  | SMOKE DETECTOR, DUCT, PHOTO TYPE W/SAMPLING TUBE |
|  | SMOKE DETECTOR, IONIZATION TYPE |
|  | SMOKE DETECTOR, PHOTO TYPE |
|  | HEAT DETECTOR, RATE-OF-RISE OR FIXED TEMP. |
|  | FIRE MAIN FLOW DETECTION SWITCH |
|  | FIRE MAIN TAMPER DETECTION SWITCH |
|  | FIRE ALARM BELL, +80" A.F.F., U.O.N. |
|  | FIRE ALARM HORN, +80" A.F.F. |
|  | FIRE ALARM HORN/STROBE, +80" TO 96" A.F.F. |
|  | FIRE ALARM STROBE, +80" TO 96" A.F.F. |
|  | FIRE ALARM INPUT MODULE |
|  | FIRE ALARM OUTPUT MODULE |
|  | FIRE ALARM CONTROL PANEL |
|  | FIRE ALARM REMOTE ANNUNCIATOR |
|  | STAND ALONE - RESIDENTIAL SMOKE DETECTOR 120V W/ BATTERY |
|  | CARBON MONOXIDE DETECTOR RESIDENTIAL 120V W/ BATTERY |

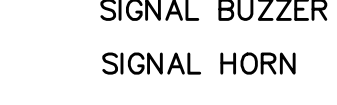
NOTATIONS

- NOTATIONS

	DRAWING NOTE
	DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.
	MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)
	EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)

SECURITY SYMBOLS

- ## PAGING AND INTERCOM SYMBOLS

- | | |
|---|----------------------------|
|  | CEILING MOUNTED SPEAKER |
|  | WALL MOUNTED SPEAKER |
|  | INTERCOM CALL SWITCH |
|  | SIGNAL BUZZER |
|  | SIGNAL HORN |
|  | VOLUME CONTROL +48" A.F.F. |
-
- 
- Diagram illustrating the connection for the speaker:
- Z01**: HOMERUN TO EQUIPMENT
 - ZONE INDICATION**
 - SPEAKER CONNECTION, NOT INDICATING CABLE PATH**

ABBREVIATIONS

- | | |
|--------|--|
| A.F.F. | ABOVE FINISHED FLOOR |
| APP. | APPROXIMATE |
| C | CONDUIT |
| C.O. | CONDUIT ONLY |
| CATV | CABLE TELEVISION |
| CCTV | CLOSED CIRCUIT TELEVISION |
| CLG | CEILING MOUNTED |
| (E) | EXISTING |
| FACP | FIRE ALARM CONTROL PANEL |
| FP | FACEPLATE |
| FS | FLOW SWITCH (SEE FIRE ALARM SYMBOLS) |
| FSD | FIRE/SMOKE DAMPER |
| GND | GROUND |
| I R | INFRARED |
| JB | JUNCTION BOX |
| N.I.C. | NOT IN CONTRACT |
| OFCI | OWNER FURNISHED, CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED, OWNER INSTALLED |
| P.A. | PUBLIC ADDRESS |
| P.E.T. | PROTECTIVE ENTRANCE TERMINAL |
| SD | SMOKE DAMPER |
| TS | TAMPER SWITCH (SEE FIRE ALARM SYMBOLS) |
| TIB | TELEPHONE TERMINAL BOARD |
| TYP. | TYPICAL |
| U.G. | UNDERGROUND |
| U.O.N. | UNLESS OTHERWISE NOTED |
| W.G. | WIRE GUARD |
| W.P. | WEATHERPROOF |
| X.P. | EXPLOSION PROOF |

NOTE: SOME OF THE SYMBOLS AND ABBREVIATIONS ON THIS LIST MAY NOT APPLY TO THIS PROJECT

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5020 N INTERSTATE
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BID SET

TELCOM
LEGEND

PROJECT NO.
17020

10.14.19

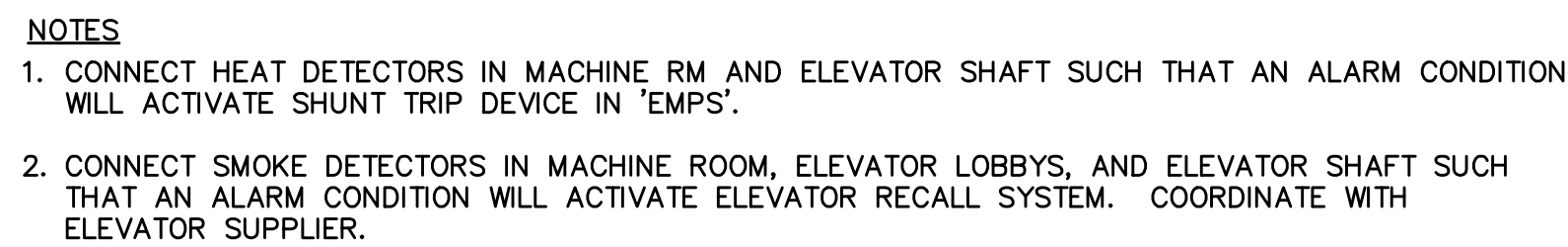
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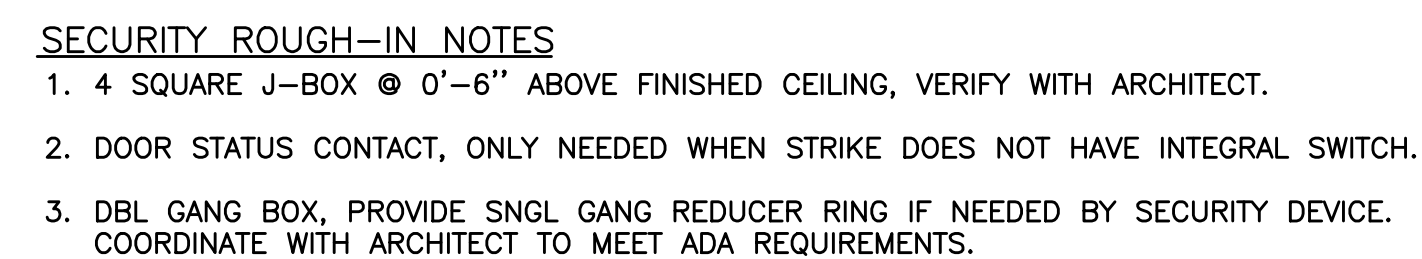
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I
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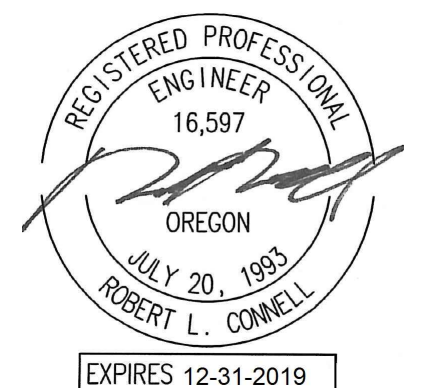
T1.00



2 ELEVATOR RECALL & AUTO DISCONNECT DETAIL



3	ACCESS CONTROL ROUGH-IN ELEVATION
T2.00	N.T.S.



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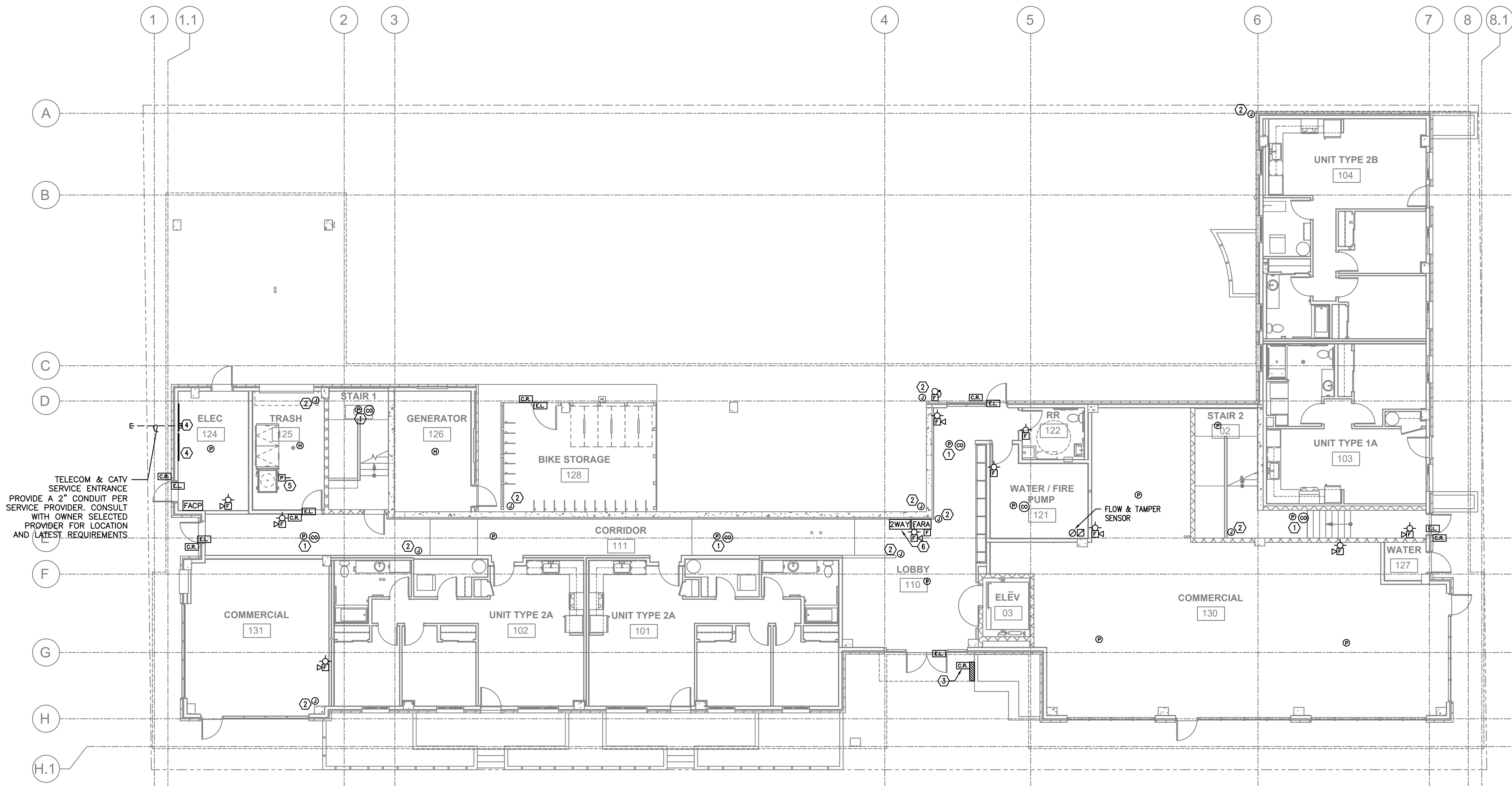
TELCOM
DETAILS &
ONE-LINES

PROJECT NO.
17020

0.14.19

REVISIONS:

T2.00

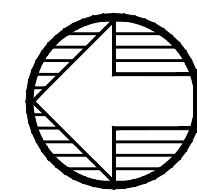


GENERAL NOTES:

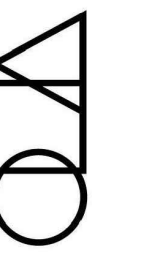
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- FOR VOICE/DATA OUTLETS ON INTERIOR WALLS PROVIDE A SINGLE GANG MUD-RING WITH A 1" CONDUIT FROM THE TOP OF THE MUD-RING TO ACCESSIBLE CEILING SPACE. TERMINATE CONDUIT WITH END CONNECTORS AND THREAD ON PLASTIC BUSHING FOR CABLE PROTECTION. OUTLET SHALL BE AT THE SAME HEIGHT AS ADJACENT POWER OUTLET AND LESS THAN 18" SEPARATION. COORDINATE WITH ELECTRICAL. ON EXTERIOR WALLS UTILIZE AN AIRTIGHT BOX BY AIRFOIL INC., OR APPROVED EQUAL.
- COORDINATE ALL DEVICE LOCATIONS WITH LATEST ARCHITECTURAL INTERIOR ELEVATIONS TO VERIFY DEVICES WILL NOT BE OBSTRUCTED.
- PROVIDE PULL STRING IN ALL CONDUITS FOR LATER USE.
- ALL PENETRATIONS THROUGH FIREWALLS WILL NEED FIRESTOP OF THE APPROPRIATE RATING.

NOTES:

- COMBINATION PHOTOELECTRIC WITH CO DETECTORS CAN BE USED.
- ROUGH-IN FOR OWNER FURNISHED, OWNER INSTALLED CCTV SYSTEM.
- APARTMENT ENTRY SYSTEM ALLOWING REMOTE DOOR RELEASE.
- SPACE RESERVED FOR UTILITY DEMARCATION.
- VERIFY EXACT LOCATION OF DAMPER WITH MECHANICAL PLANS.
- AREA-OF-REFUGE TWO WAY COMMUNICATION PANEL.



1 TELCOM PLAN - FIRST FLOOR
T3.01 SCALE: 1/8" = 1'-0"



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PROJECT NO.
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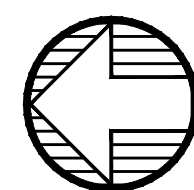
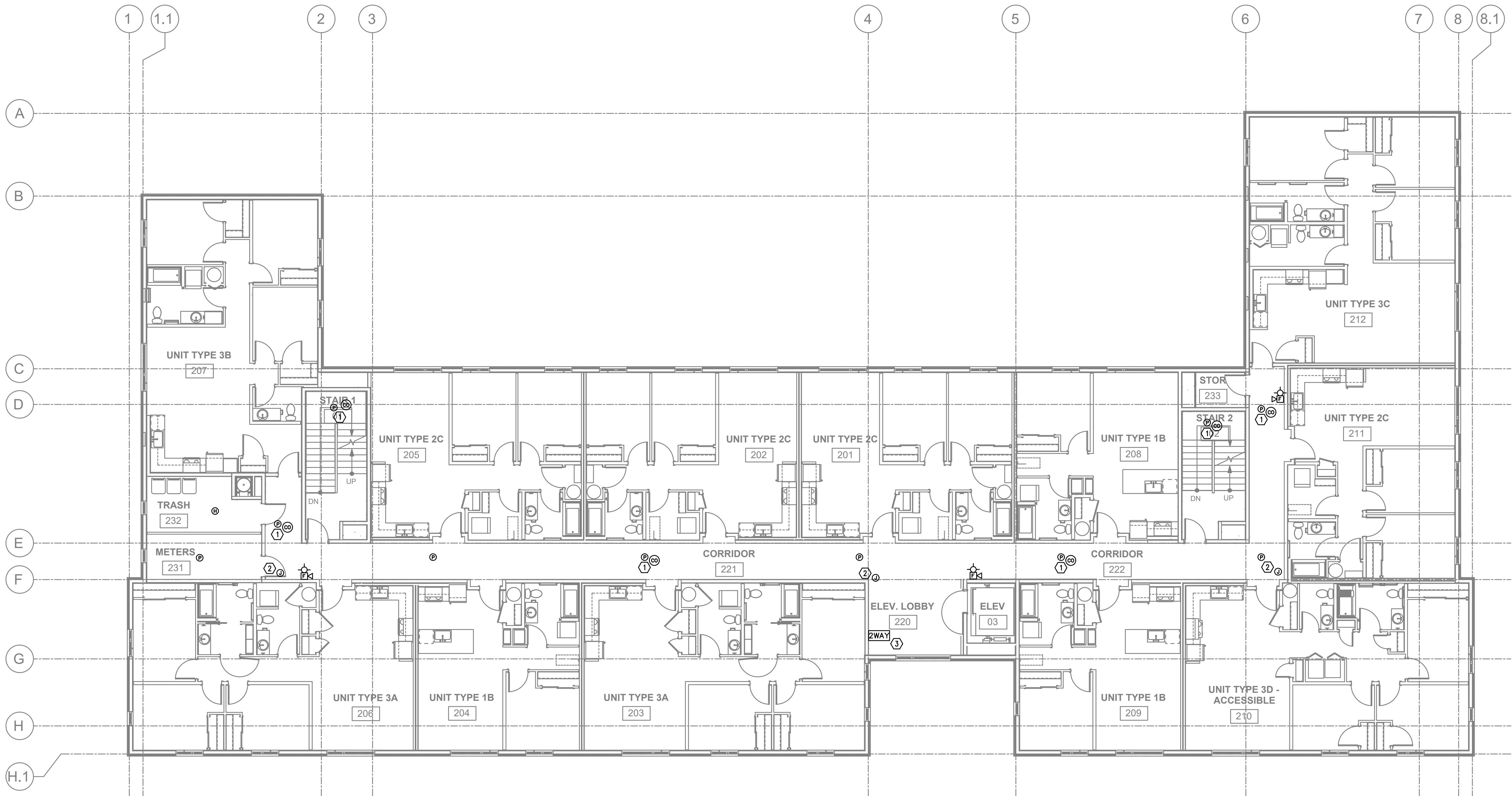
REVISIONS:



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T3.01



1
T3.02 TELCOM PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0"

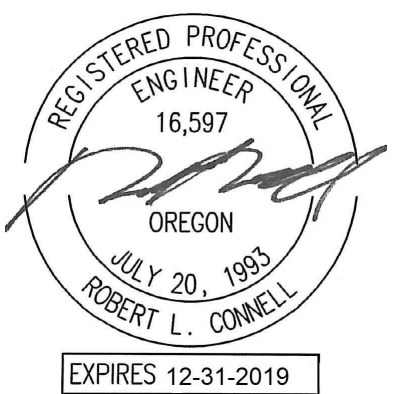
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- PROVIDE PULL STRING IN ALL CONDUITS FOR LATER USE.
- ALL PENETRATIONS THROUGH FIREWALLS WILL NEED FIRESTOP OF THE APPROPRIATE RATING.

NOTES:

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- AREA-OF-REFUGE TWO WAY COMMUNICATION PANEL.

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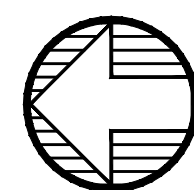
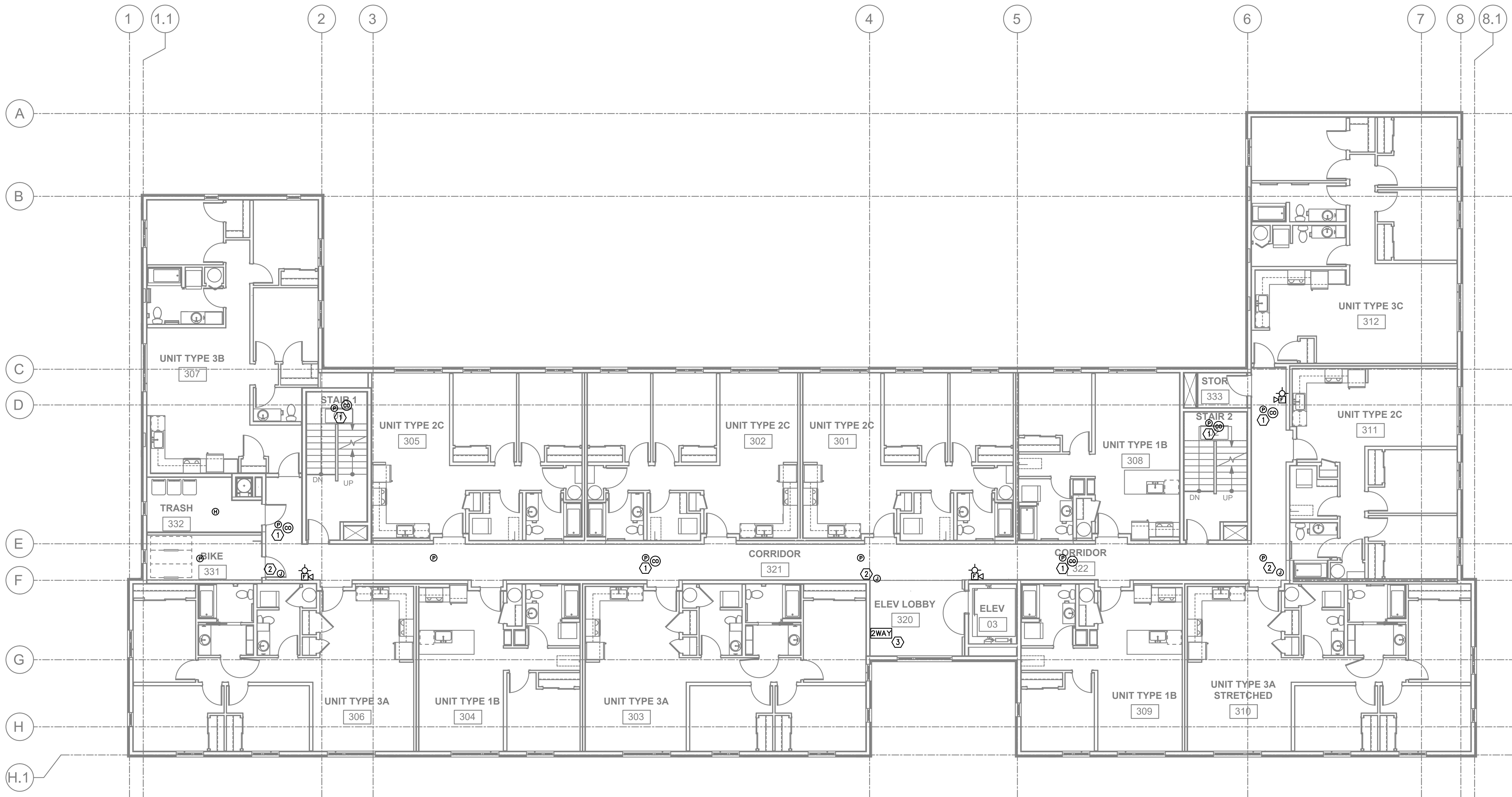
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TELCOM PLAN
SECOND FLOOR
PROJECT NO.
17020

10.14.19

REVISIONS:

T3.02



1
T3.03 TELCOM PLAN – THIRD FLOOR
SCALE: 1/8" = 1'-0"

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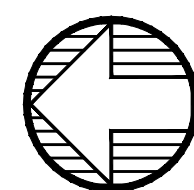
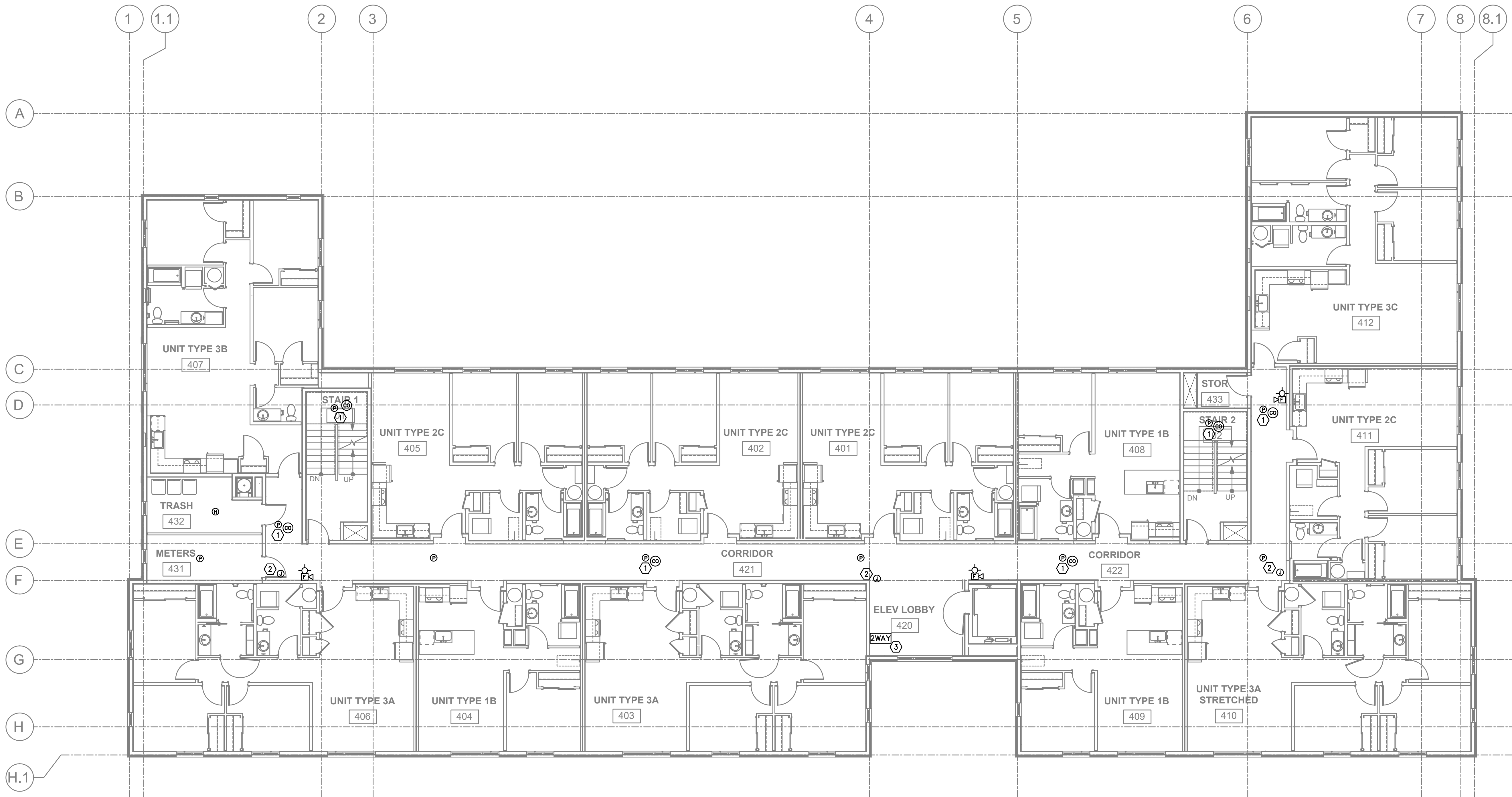
TELCOM PLAN
THIRD FLOOR
PROJECT NO.
17020

10.14.19

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T3.03



1
T3.04 TELCOM PLAN – FOURTH FLOOR
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

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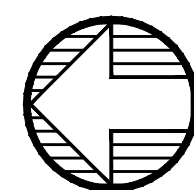
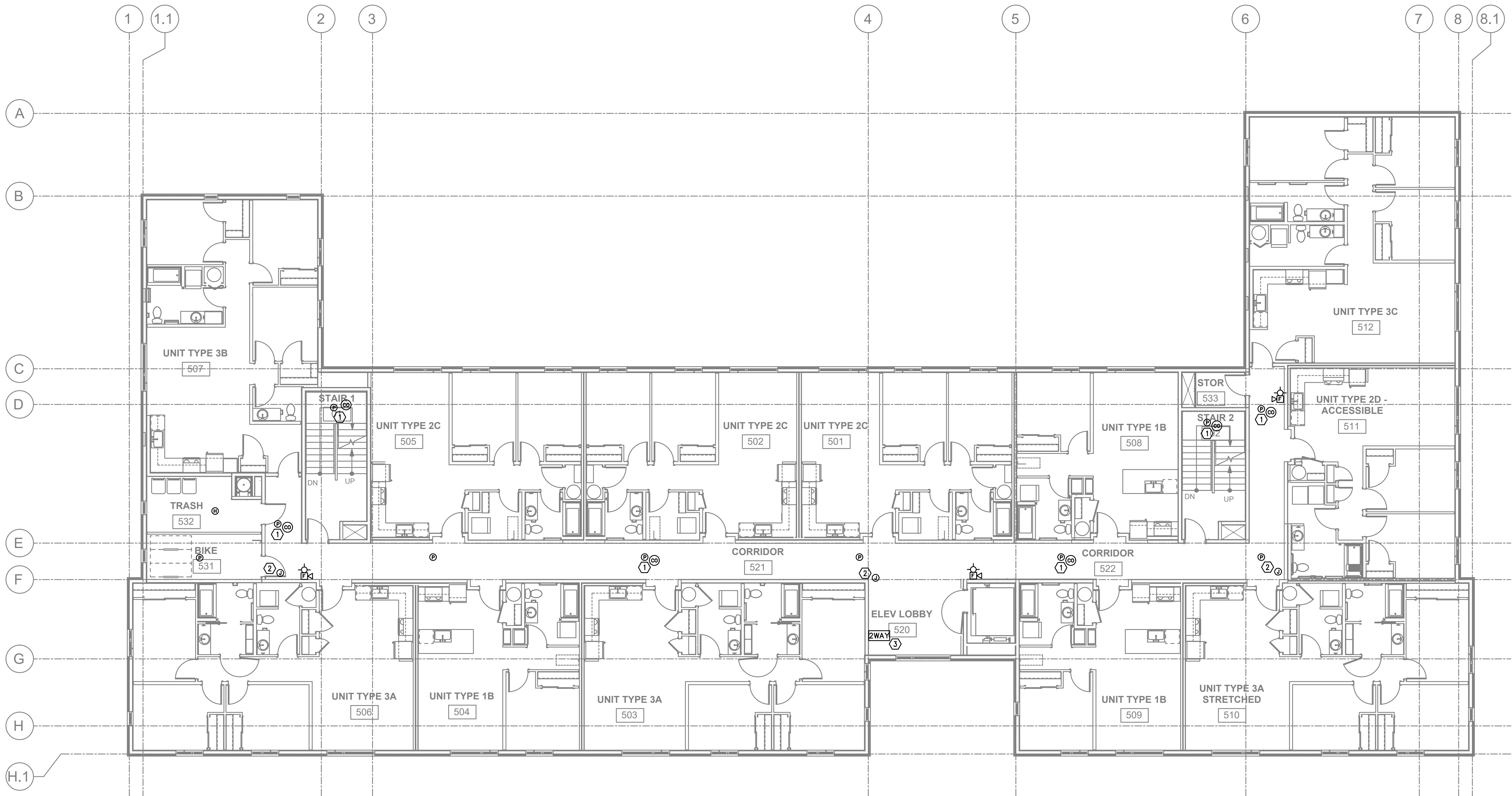
TELCOM PLAN
FOURTH FLOOR
PROJECT NO.
17020

10.14.19

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T3.04



1
T3.05
SCALE: 1/8" = 1'-0"

TELCOM PLAN – FIFTH FLOOR

GENERAL NOTES:

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TELCOM PLAN
FIFTH FLOOR
PROJECT NO.
17020

10.14.19

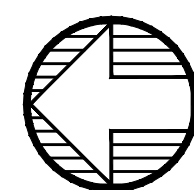
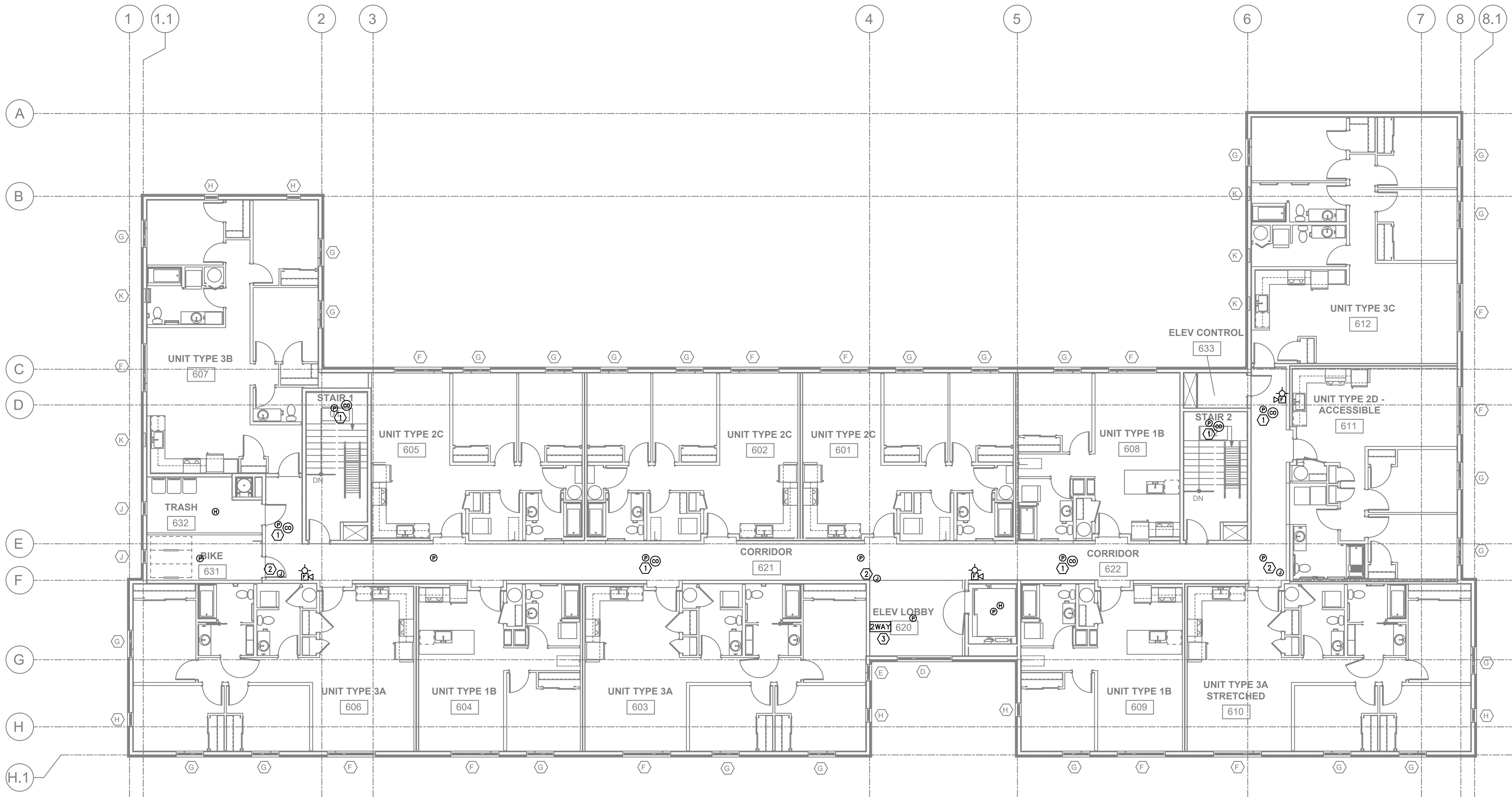
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T3.05



1
T3.06 TELCOM PLAN – SIXTH FLOOR
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- FOR VOICE/DATA OUTLETS ON INTERIOR WALLS PROVIDE A SINGLE GANG MUD-RING WITH A 1" CONDUIT FROM THE TOP OF THE MUD-RING TO ACCESSIBLE CEILING SPACE. TERMINATE CONDUIT WITH END CONNECTORS AND THREAD ON PLASTIC BUSHING FOR CABLE PROTECTION. OUTLET SHALL BE AT THE SAME HEIGHT AS ADJACENT POWER OUTLET AND LESS THAN 18" SEPARATION. COORDINATE WITH ELECTRICAL. ON EXTERIOR WALLS UTILIZE AN AIRTIGHT BOX BY AIRFOIL INC., OR APPROVED EQUAL.
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BID SET

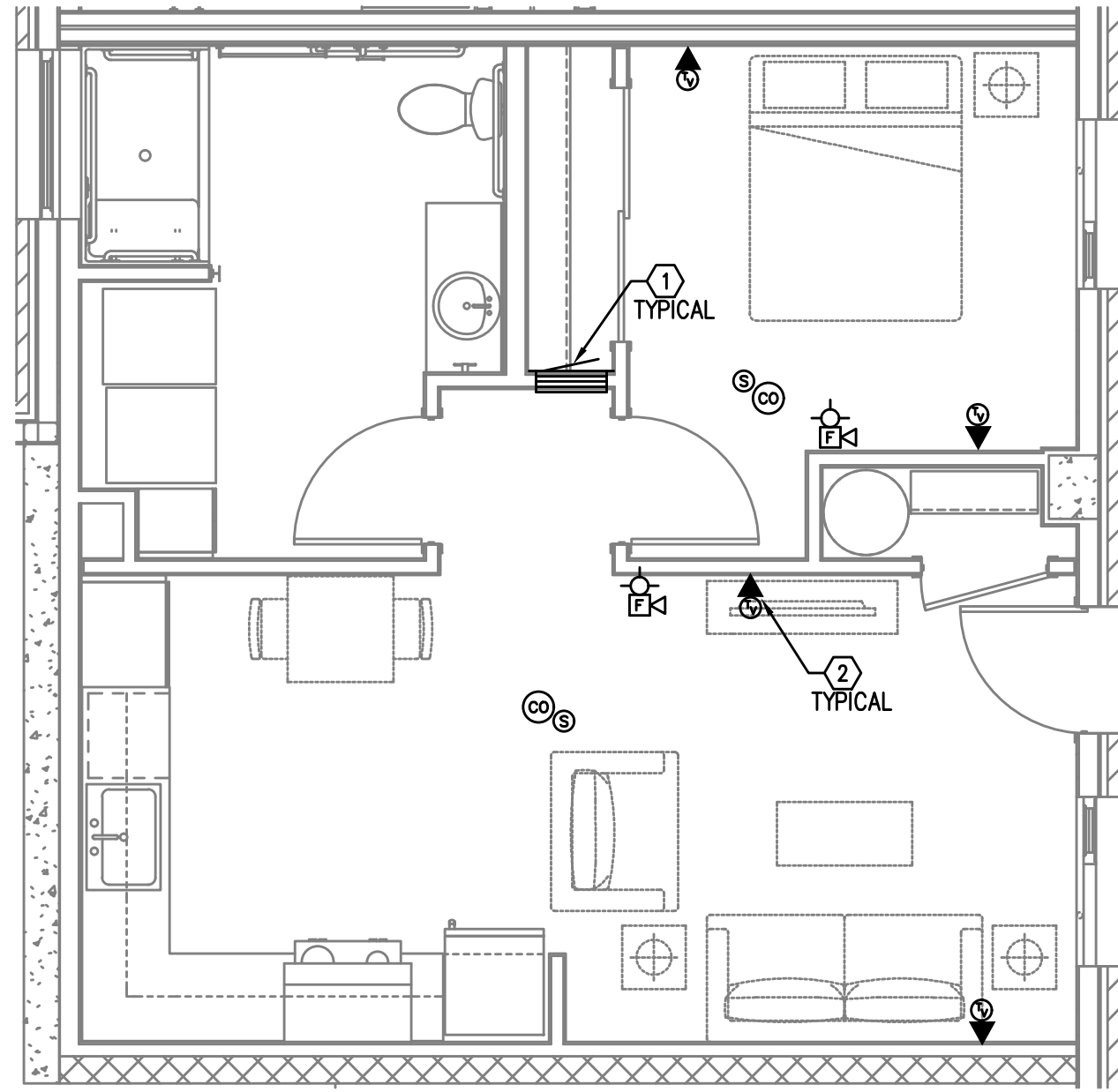
TELCOM PLAN
SIXTH FLOOR
PROJECT NO.
17020

10.14.19

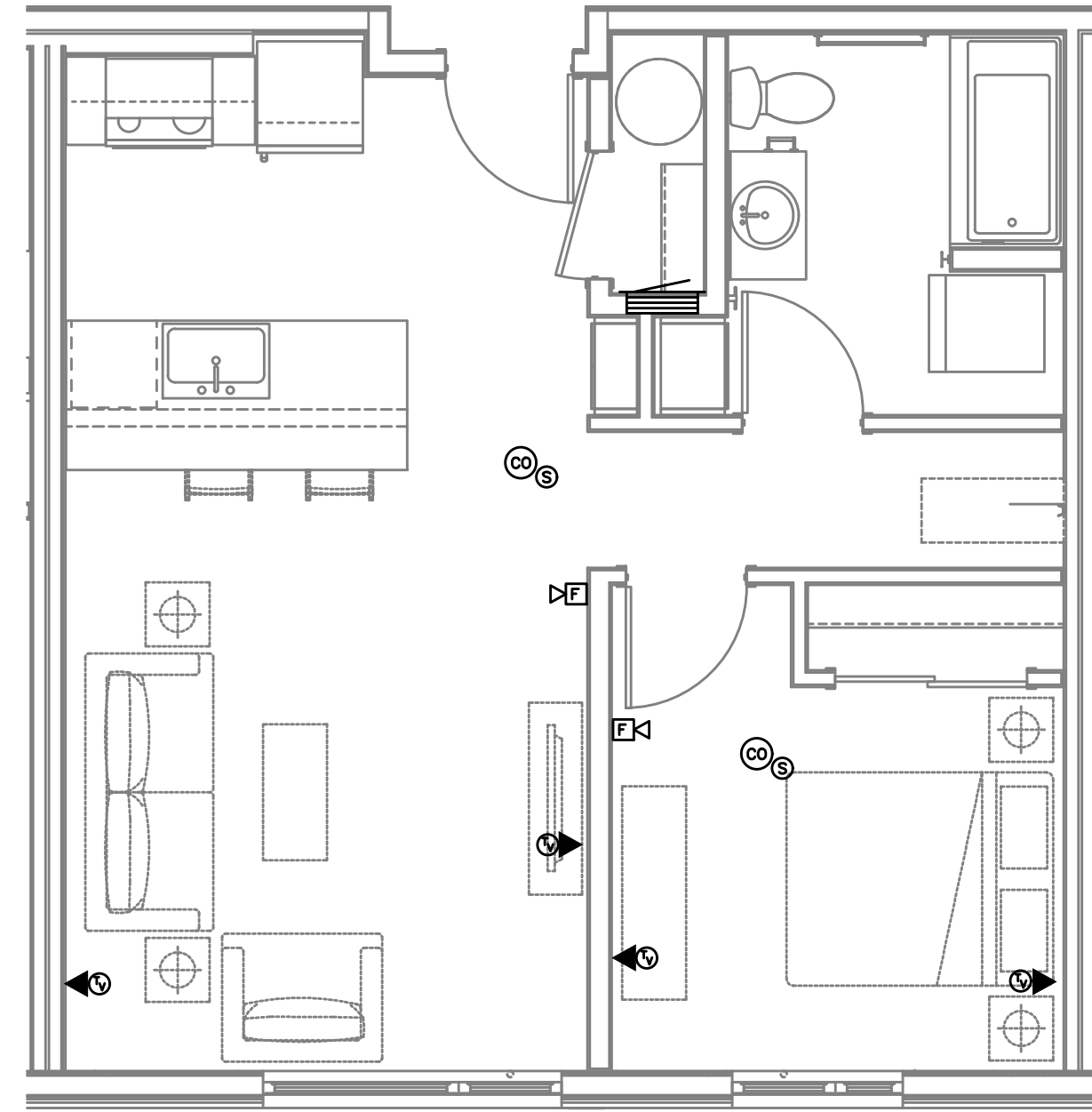
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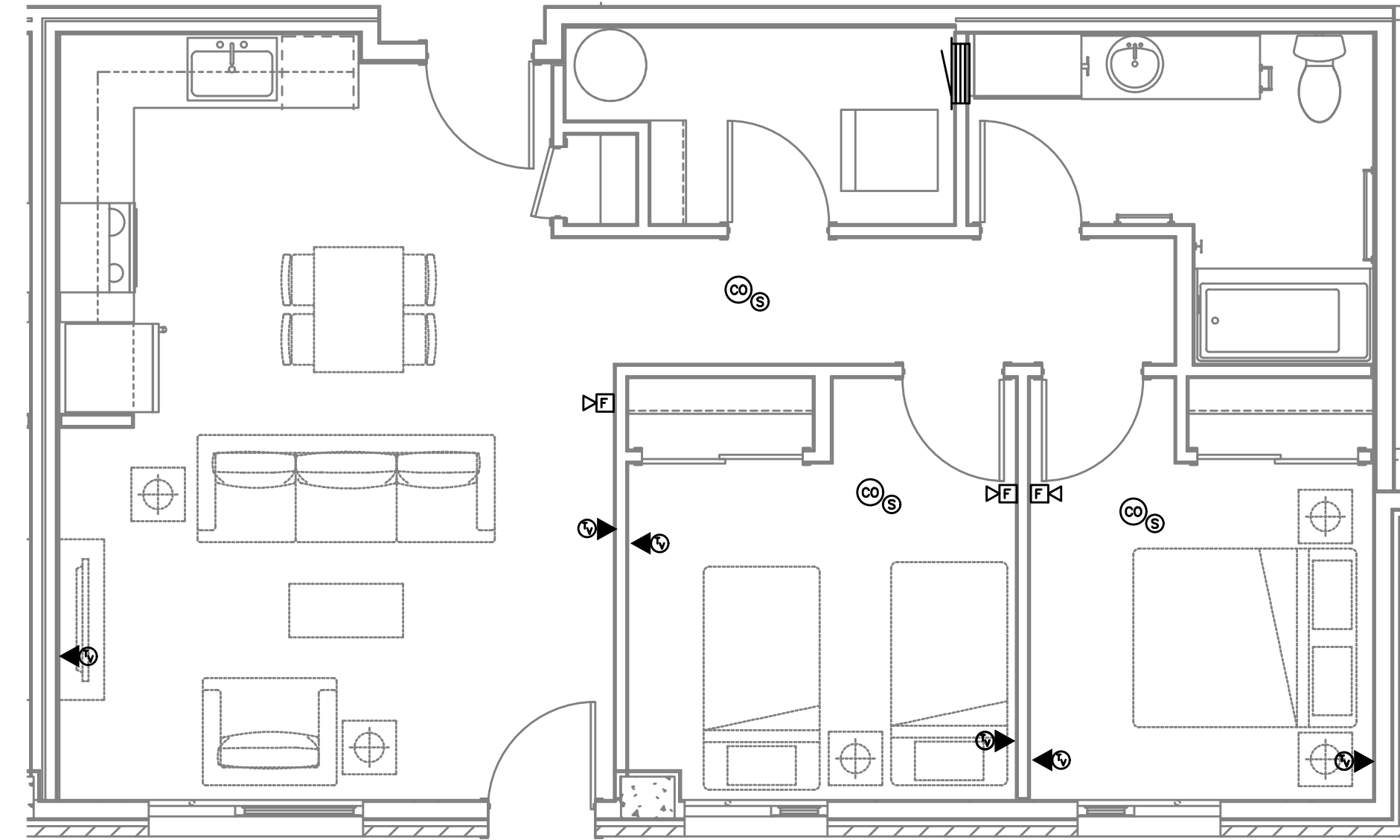
T3.06



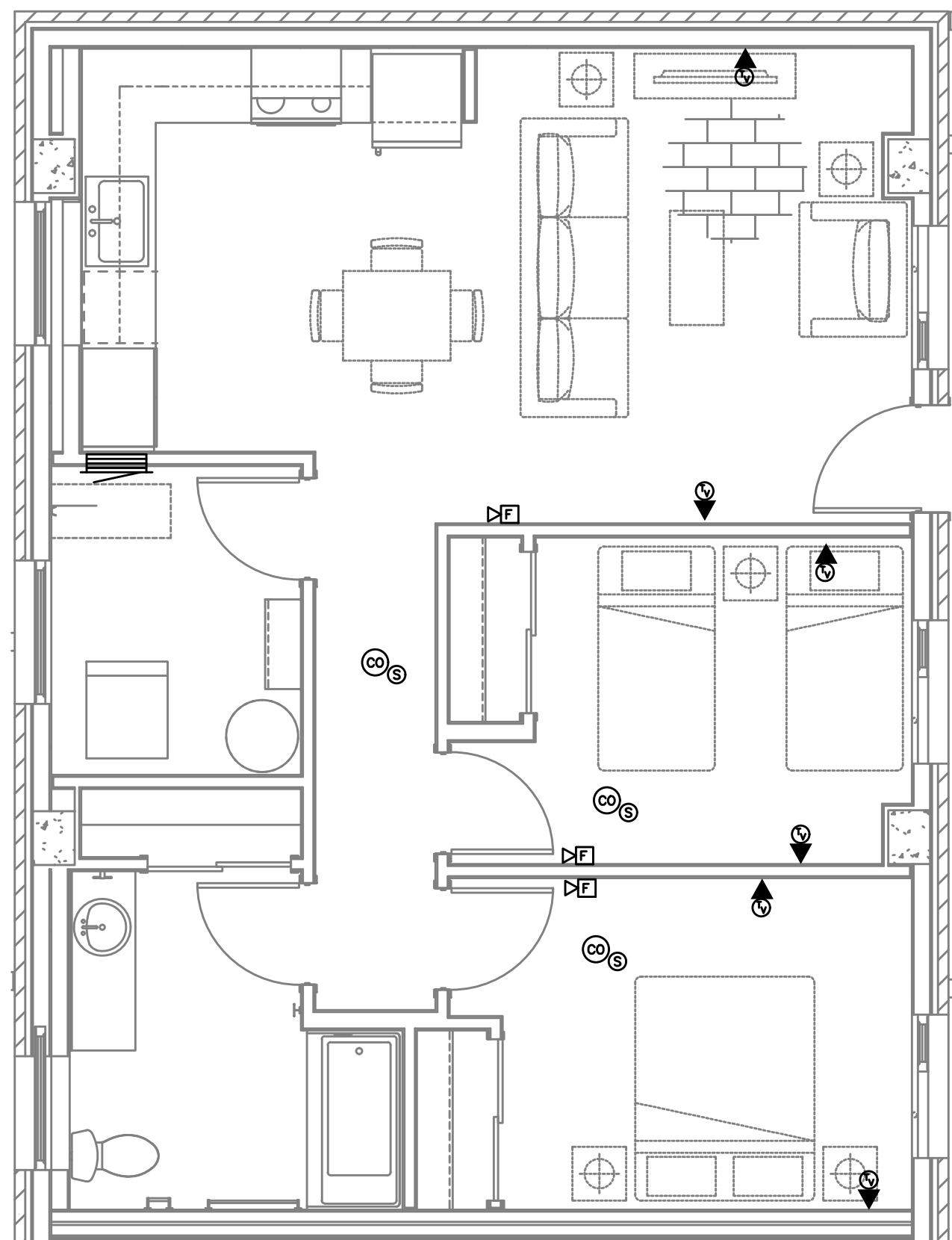
1 UNIT TYPE 1A (ADA) - TELCOM PLAN
T4.11 SCALE: 1/4" = 1'-0"



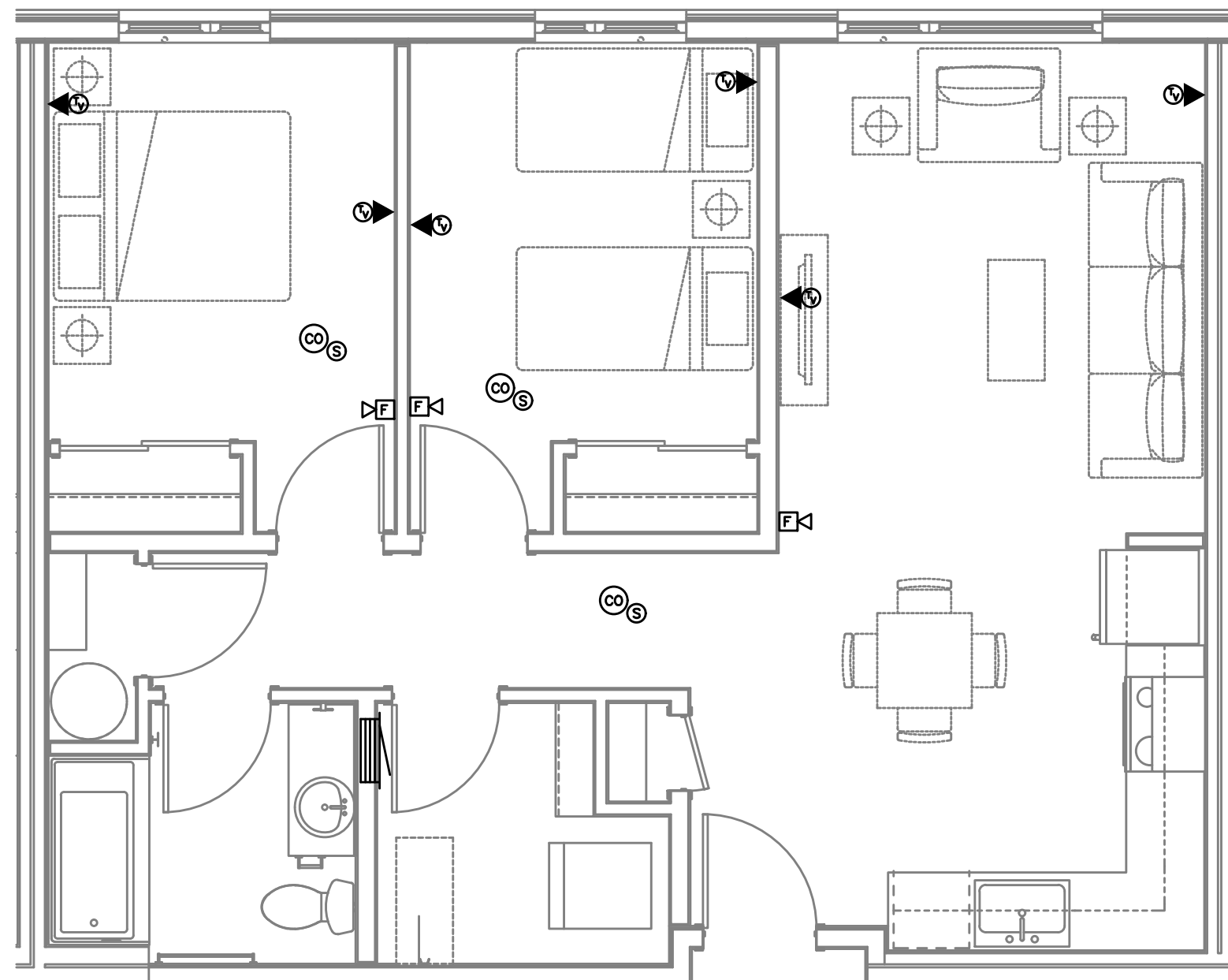
2 UNIT TYPE 1B - TELCOM PLAN
T4.11 SCALE: 1/4" = 1'-0"



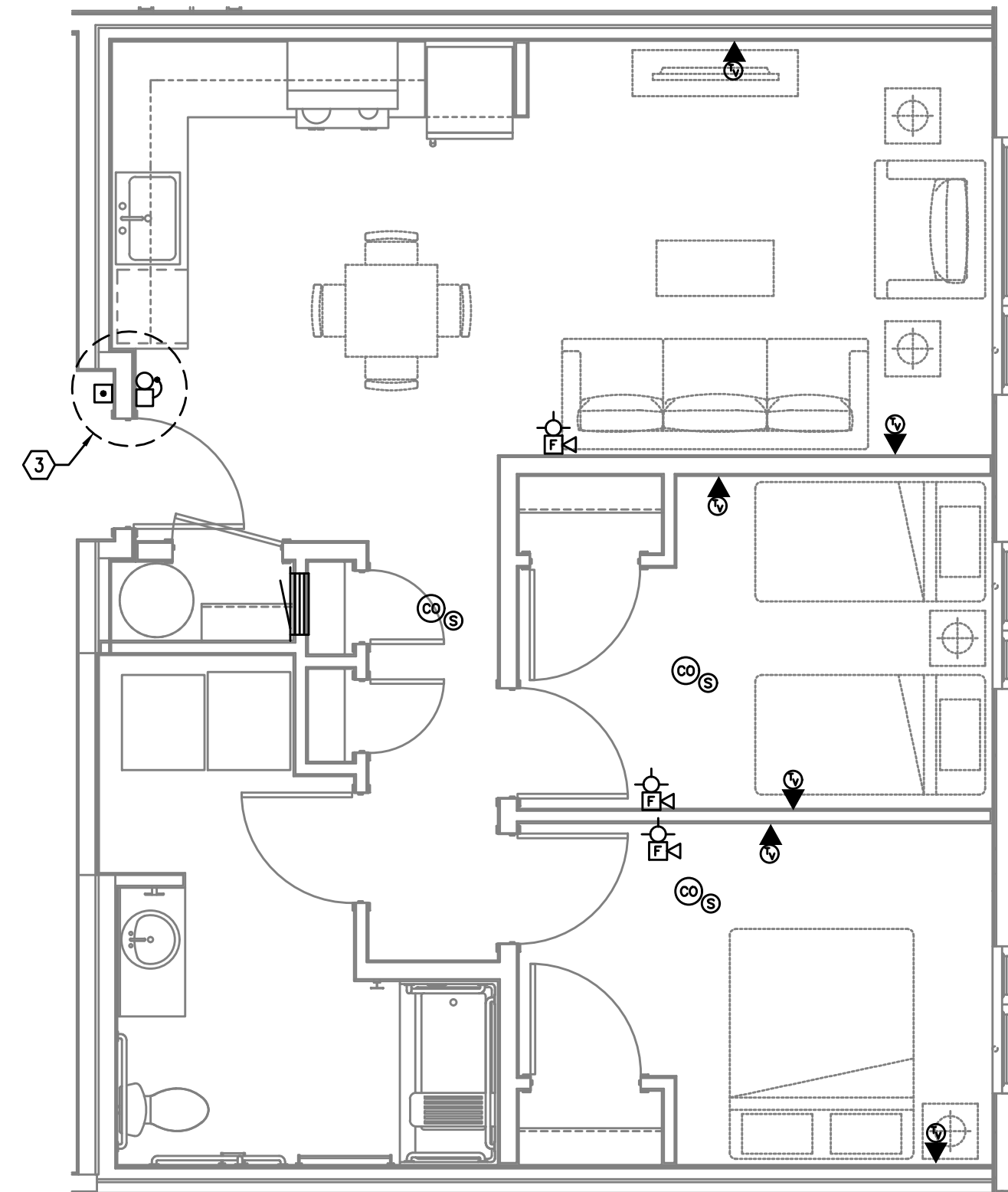
3 UNIT TYPE 2A - TELCOM PLAN
T4.11 SCALE: 1/4" = 1'-0"



4 UNIT TYPE 2B - TELCOM PLAN
T4.11 SCALE: 1/4" = 1'-0"



5 UNIT TYPE 2C - TELCOM PLAN
T4.11 SCALE: 1/4" = 1'-0"



6 UNIT TYPE 2D (ADA) - TELCOM PLAN
T4.11 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL EQUIPMENT THEY ARE INSTALLING, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- FOR VOICE/DATA OUTLETS ON INTERIOR WALLS PROVIDE A SINGLE GANG MUD-RING WITH A 1" CONDUIT FROM THE TOP OF THE MUD-RING TO ACCESSIBLE CEILING SPACE. TERMINATE CONDUIT WITH END CONNECTORS AND THREAD ON PLASTIC BUSHING FOR CABLE PROTECTION. OUTLET SHALL BE AT THE SAME HEIGHT AS ADJACENT POWER OUTLET AND LESS THAN 18" SEPARATION. COORDINATE WITH ELECTRICAL. ON EXTERIOR WALLS UTILIZE AN AIRTIGHT BOX BY AIRFOIL INC., OR APPROVED EQUAL.
- COORDINATE ALL DEVICE LOCATIONS WITH LATEST ARCHITECTURAL INTERIOR ELEVATIONS TO VERIFY DEVICES WILL NOT BE OBSTRUCTED.
- PROVIDE PULL STRING IN ALL CONDUITS FOR LATER USE.
- ALL PENETRATIONS THROUGH FIREWALLS WILL NEED FIRESTOP OF THE APPROPRIATE RATING.

NOTES:

- MEDIA DISTRIBUTION ENCLOSURE, 30"H x 14"W x 3.5"D, NON-METALLIC WIFI TRANSPARENT FOR UTILITY DEMARCATION AND RESIDENT NETWORKING.
- PROVIDE (2) CATEGORY 5E AND (1) QUAD SHIELDED RG-6 AT EACH OUTLET LOCATION, ROUTED TO SMART PANEL AND TERMINATED ON APPROPRIATE GRADE OF EQUIPMENT. LABEL OUTLETS TO MATCH PORT USED IN SMART PANEL.
- PROVED WIRED DOORBELL WITH AUDIO AND VISUAL INDICATION AT UNITS 201 AND 303 ONLY.

FIRE ALARM AND DETECTION SYSTEM SHOWN ON PLAN(S) ARE FOR DESIGN INTENT ONLY. THIS IS A DEFERRED SUBMITTAL SYSTEM REQUIRING THE CONTRACTOR TO COMPLETE THE PERMIT READY DESIGN AND CALCULATIONS AS REQUIRED PER THE AUTHORITY HAVING JURISDICTION. VERIFY BUILDING OCCUPANCY TYPE AND OCCUPANT LOAD WITH ARCHITECTURAL PLANS.



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BID SET

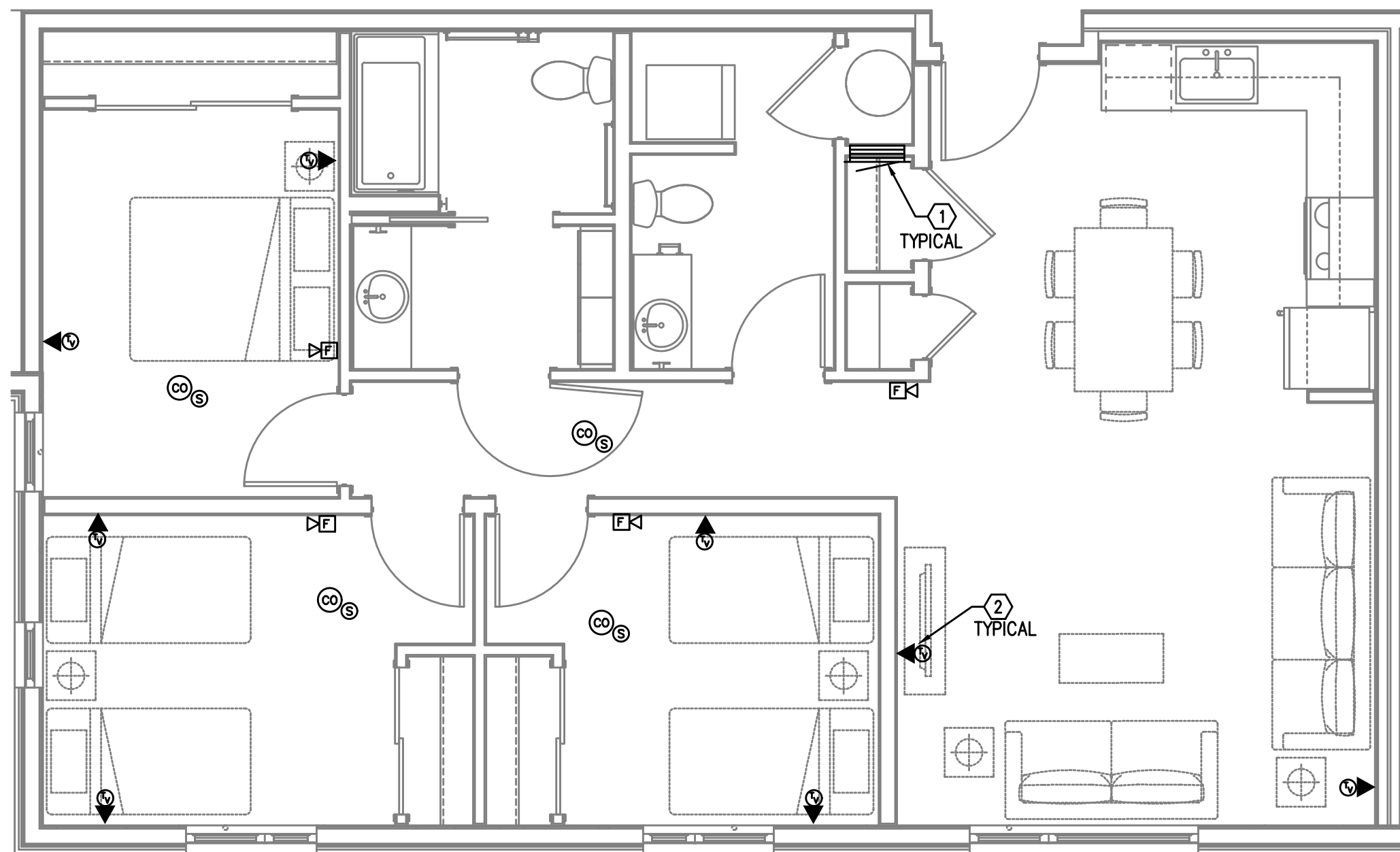
TYPICAL UNIT
TELCOM
PLANS

PROJECT NO.
17020

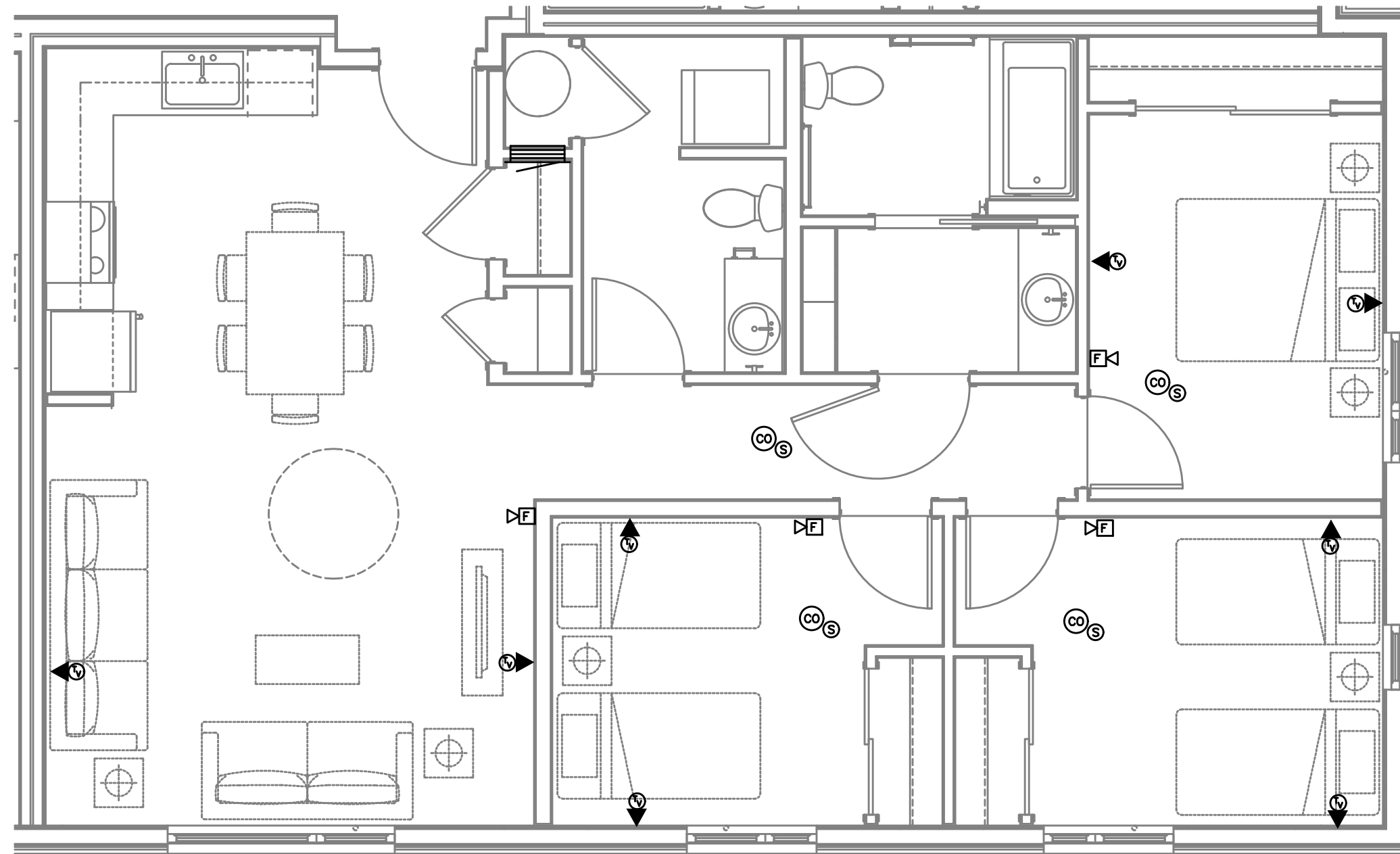
10.14.19

REVISIONS:

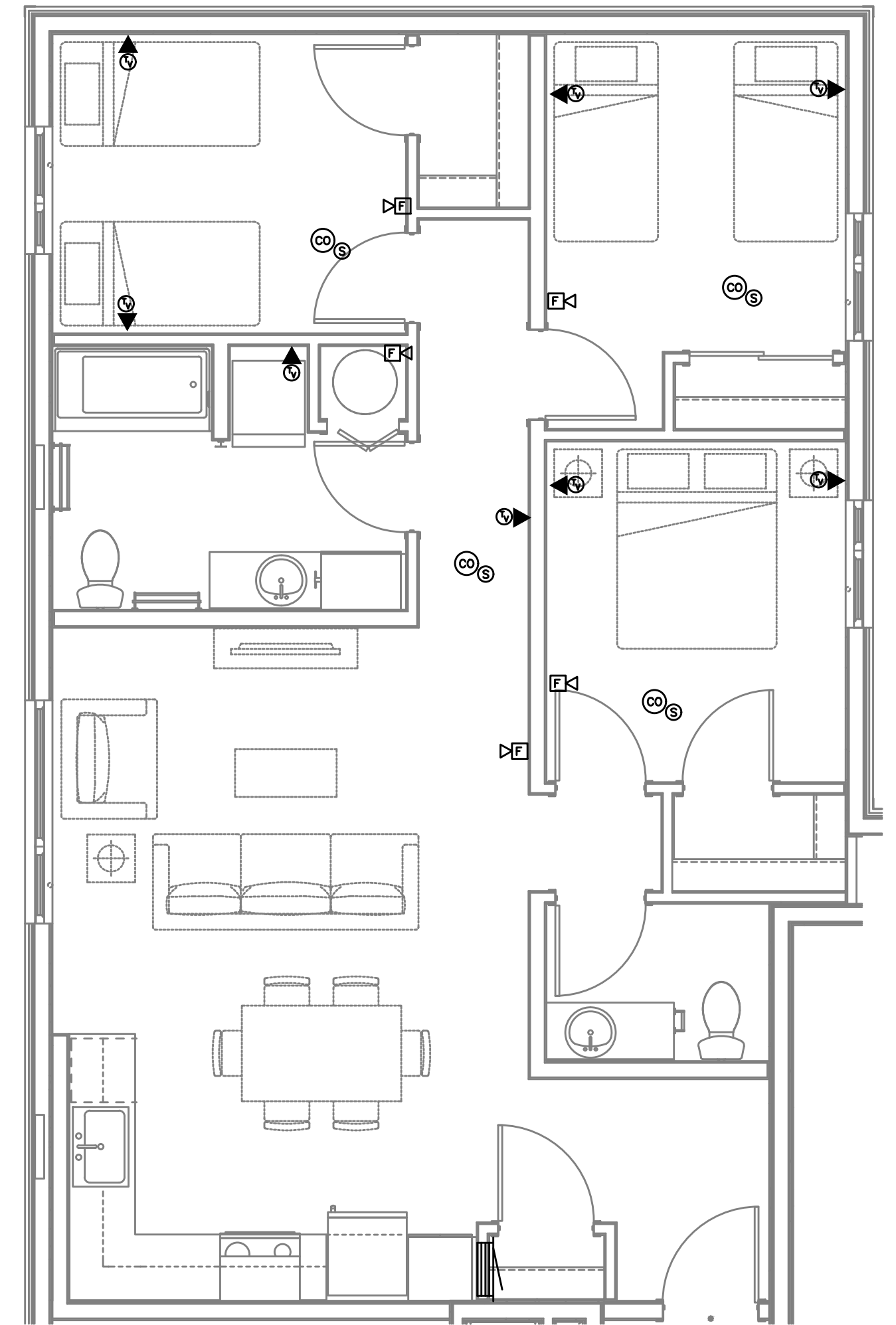
T4.11



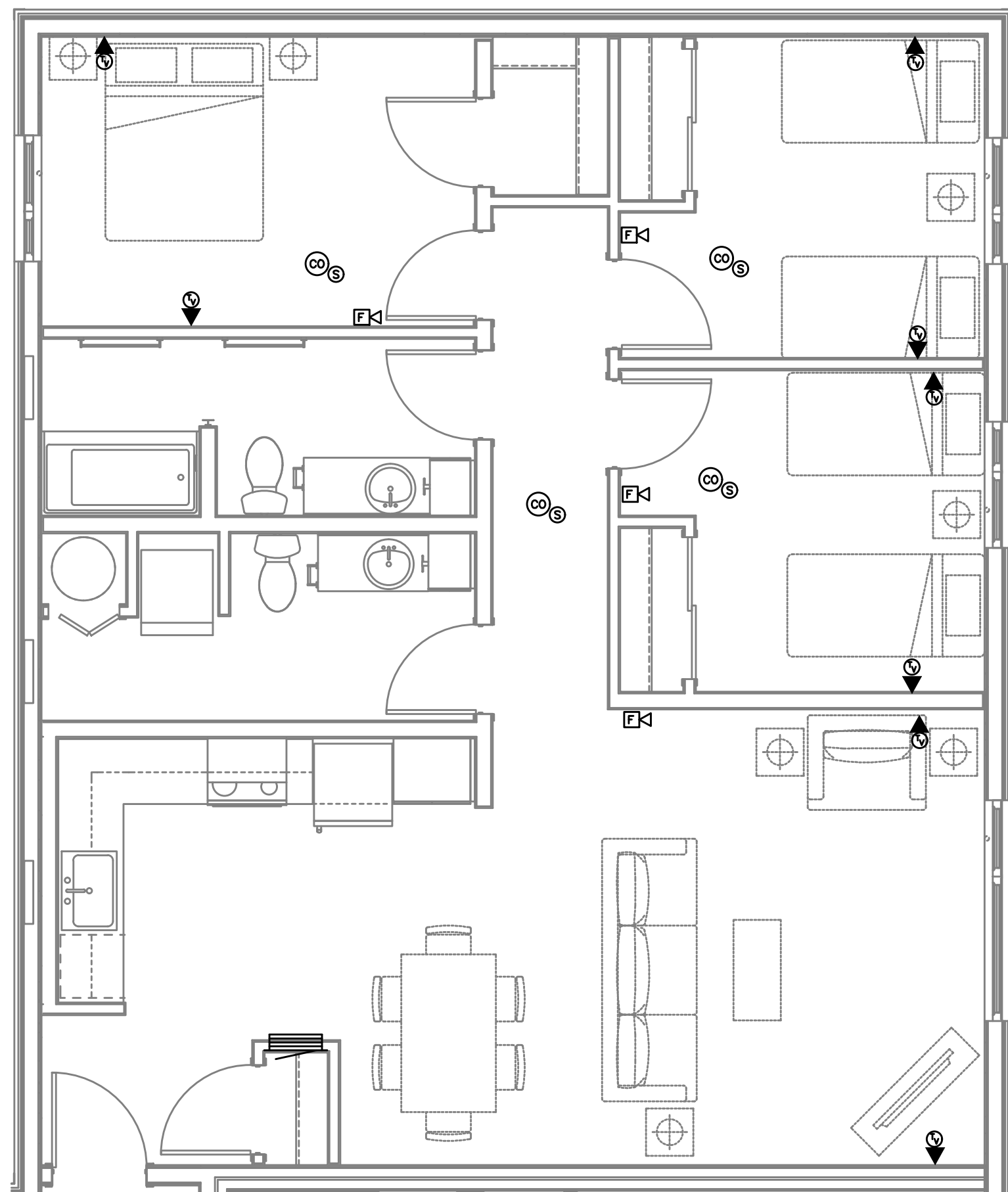
1 UNIT TYPE 3A - TELCOM PLAN
T4.12 SCALE: 1/4" = 1'-0"



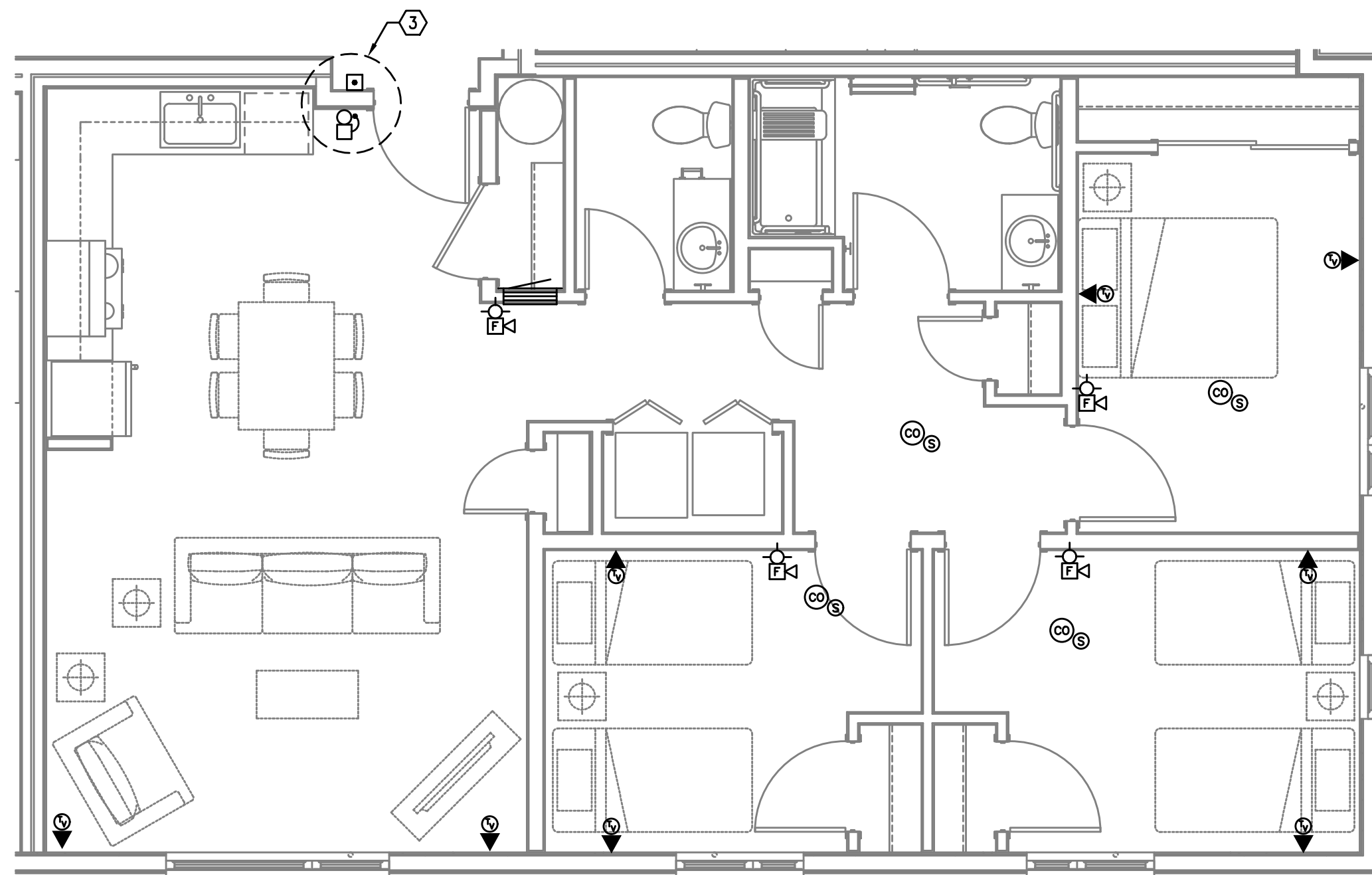
2 UNIT TYPE 3AS - TELCOM PLAN
T4.12 SCALE: 1/4" = 1'-0"



3 UNIT TYPE 3B - TELCOM PLAN
T4.12 SCALE: 1/4" = 1'-0"



4 UNIT TYPE 3C - TELCOM PLAN
T4.12 SCALE: 1/4" = 1'-0"



5 UNIT TYPE 3D (ADA) - TELCOM PLAN
T4.12 SCALE: 1/4" = 1'-0"

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TYPICAL UNIT
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T4.12