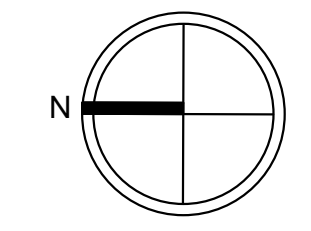


- (A) 2-5" UNDERGROUND CDTs. FOR CMP PRIMARY
- (B) REMOVE EXISTING OVERHEAD WIRING
- (C) 3-5" UNDERGROUND CDTs. FOR CMP PRIMARY
- (D) 1-3" UNDERGROUND CDT. FOR TELEPHONE
1-3" UNDERGROUND CDT. FOR CABLE TV
- (E) 6-4" UNDERGROUND CDTs. FOR ELECTRICAL SECONDARY (LIVING UNIT SERVICES)
- (F) 3-4" UNDERGROUND CDTs. FOR ELECTRICAL SECONDARY (HOUSE SERVICE)
2-4" UNDERGROUND EMPTY CDTs. FOR FUTURE SECONDARY (SMITH WING SERVICE)

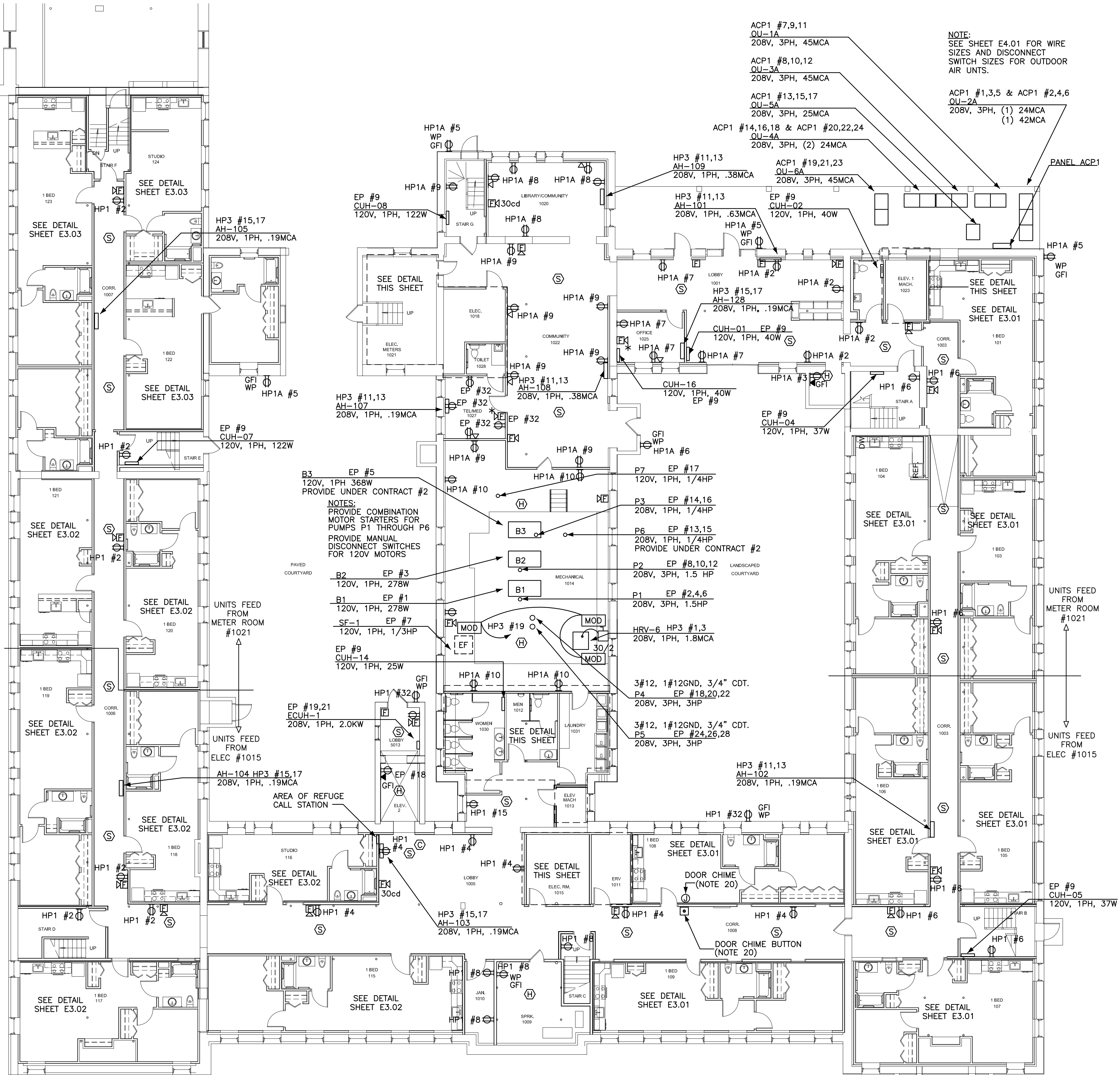
NOTES:

- SEE DRAWINGS E2.01 AND E2.02 FOR LOCATIONS OF WALL MOUNTED BUILDING LIGHTS.
- COORDINATE MANHOLE LOCATIONS WITH OTHER UNDERGROUND UTILITY LINES AND STRUCTURES AS SHOWN ON THE CIVIL PLANS.

Walton Street



Prepared For: MOTHERHOUSE LLC	
Consultant: Bartlett Design ELECTRICAL ENGINEERING 145 WASHINGTON ST. PORTLAND, ME 04101 TEL: (207) 443-5447 FAX: (207) 443-5000	
Architect: ARCHETYPE architects 48 Union Wharf Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056	
Project: MOTHERHOUSE SENIOR HOUSING 605 STEVENS AVENUE PORTLAND, MAINE 04103	
Revisions: 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW 10/07/16 FINAL BID SET 01/09/17 LIGHTING REVISIONS 03/01/17 ISSUED FOR CONSTRUCTION 05/23/17 REVISED SITE SERVICES	
Date: FEB 15, 2016	Scale: 1" = 30'-0"
ELECTRICAL SITE PLAN	
E0.01	



1 | FIRST FLOOR - POWER

3/32" = 1'-0"

SEE SHEET E4.02 FOR PROJECT NOTES AND SYMBOL SCHEDULE.

NOTE:
SEE SHEET E4.01 FOR WIRE
SIZES AND DISCONNECT
SWITCH SIZES FOR OUTDOOR
AIR UNITS.

ACP1 #1,3,5 & ACP1 #2,4,6
OU-2A
208V, 3PH, (1) 24MCA
(1) 42MCA

ACP1 #7,9,11
OU-1A
208V, 3PH, 45MCA

ACP1 #8,10,12
OU-3A
208V, 3PH, 45MCA

ACP1 #13,15,17
OU-5A
208V, 3PH, 25MCA

ACP1 #14,16,18 & ACP1 #20,22,24
OU-4A
208V, 3PH, (2) 24MCA

HP3 #11,13
AH-109
208V, 1PH, .38MCA

HP3 #11,13
AH-101
208V, 1PH, .63MCA

HP3 #11,13
AH-128
208V, 1PH, .19MCA

HP3 #11,13
AH-108
208V, 1PH, .38MCA

HP3 #11,13
AH-107
208V, 1PH, .19MCA

HP3 #11,13
AH-105
208V, 1PH, .19MCA

HP3 #11,13
AH-104
208V, 1PH, .19MCA

HP3 #11,13
AH-103
208V, 1PH, .19MCA

HP3 #11,13
AH-102
208V, 1PH, .19MCA

HP3 #11,13
AH-101
208V, 1PH, .63MCA

HP3 #11,13
AH-100
208V, 1PH, .63MCA

HP3 #11,13
AH-99
208V, 1PH, .63MCA

HP3 #11,13
AH-98
208V, 1PH, .63MCA

HP3 #11,13
AH-97
208V, 1PH, .63MCA

HP3 #11,13
AH-96
208V, 1PH, .63MCA

HP3 #11,13
AH-95
208V, 1PH, .63MCA

HP3 #11,13
AH-94
208V, 1PH, .63MCA

HP3 #11,13
AH-93
208V, 1PH, .63MCA

HP3 #11,13
AH-92
208V, 1PH, .63MCA

HP3 #11,13
AH-91
208V, 1PH, .63MCA

HP3 #11,13
AH-90
208V, 1PH, .63MCA

HP3 #11,13
AH-89
208V, 1PH, .63MCA

HP3 #11,13
AH-88
208V, 1PH, .63MCA

HP3 #11,13
AH-87
208V, 1PH, .63MCA

HP3 #11,13
AH-86
208V, 1PH, .63MCA

HP3 #11,13
AH-85
208V, 1PH, .63MCA

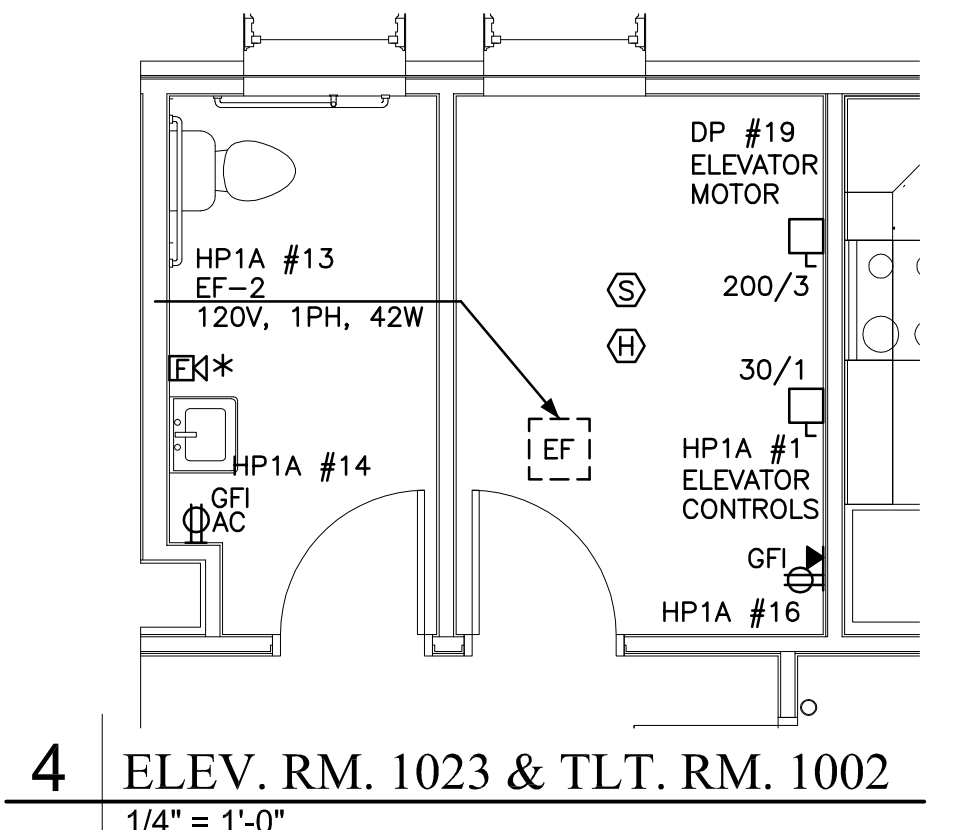
HP3 #11,13
AH-84
208V, 1PH, .63MCA

HP3 #11,13
AH-83
208V, 1PH, .63MCA

HP3 #11,13
AH-82
208V, 1PH, .63MCA

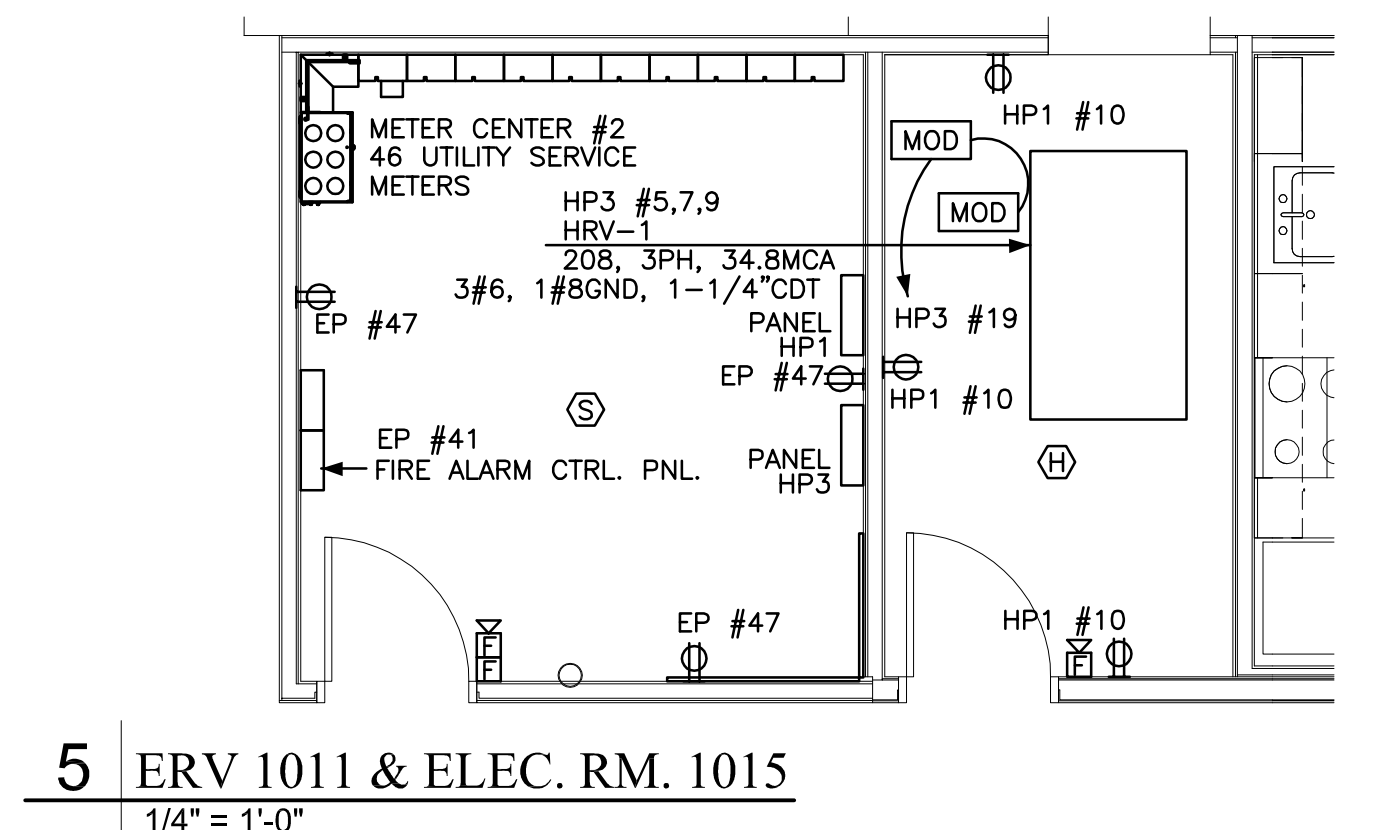
HP3 #11,13
AH-81
208V, 1PH, .63MCA

HP3 #11,13
AH-80
208V, 1PH, .63MCA



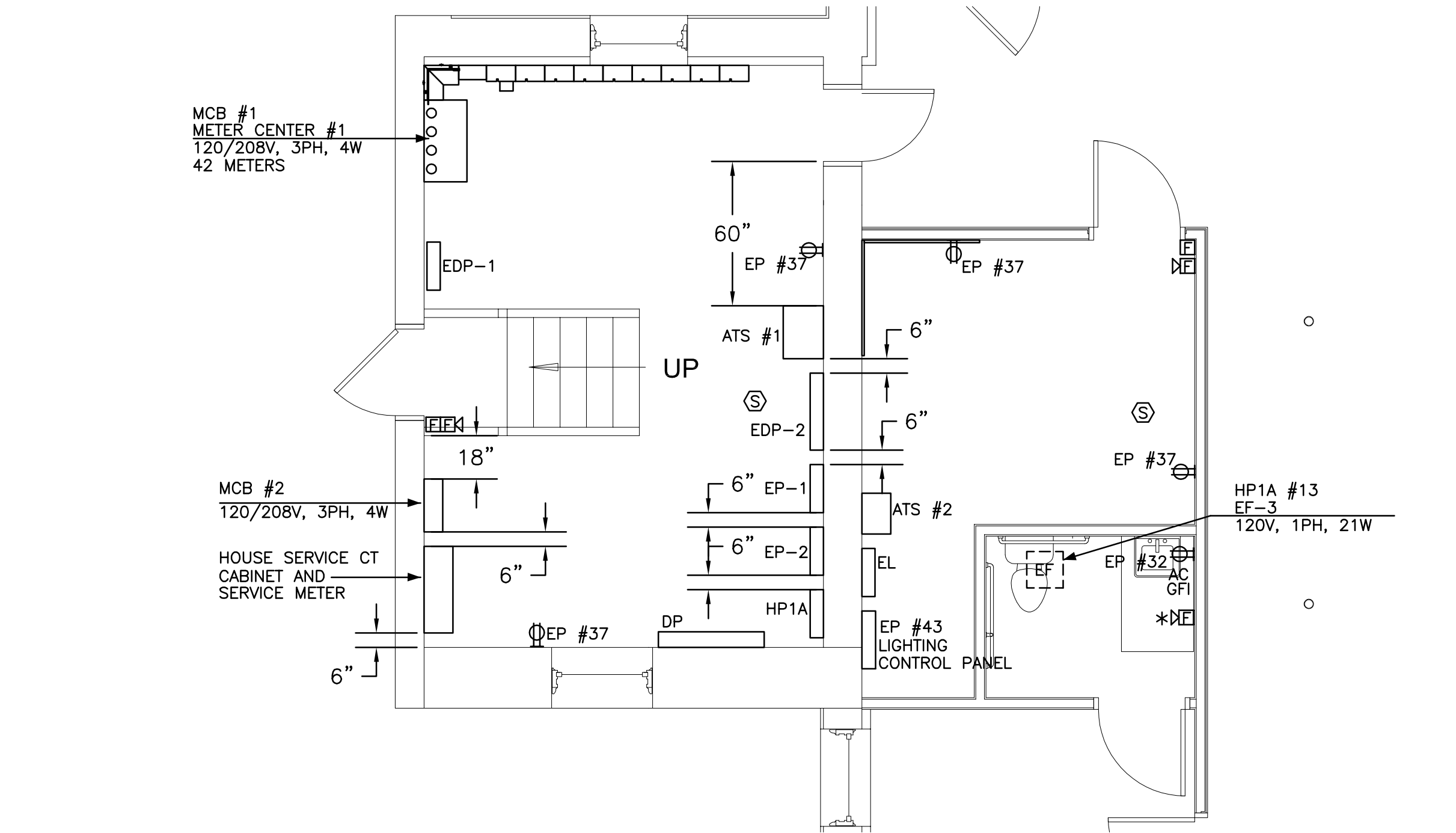
4 | ELEV. RM. 1023 & TLT. RM. 1002

1/4" = 1'-0"



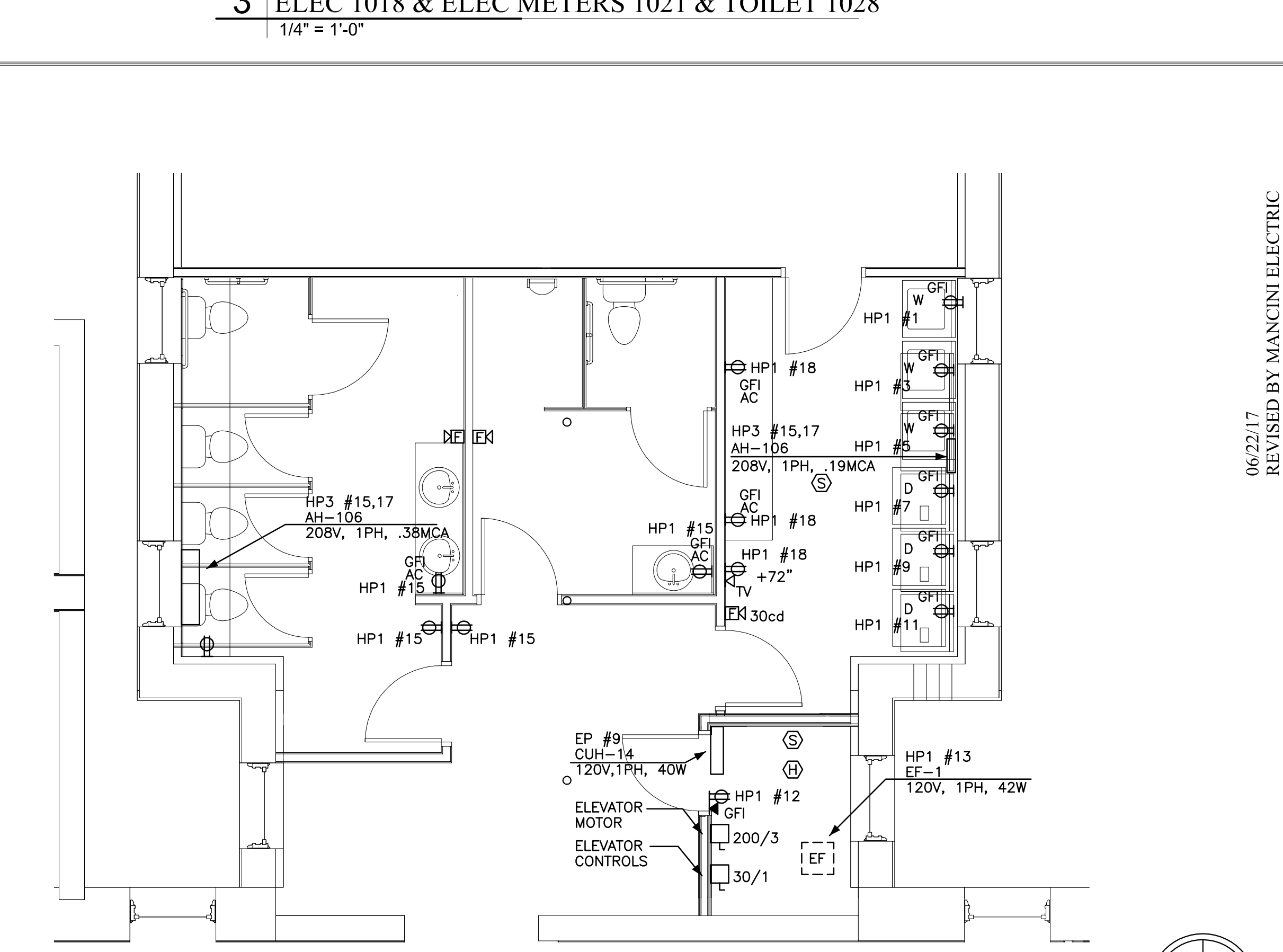
5 | ERV 1011 & ELEC. RM. 1015

1/4" = 1'-0"



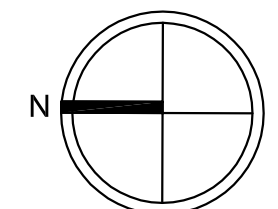
3 | ELEC 1018 & ELEC METERS 1021 & TOILET 1028

1/4" = 1'-0"



2 | LAUNDRY 1031 & ELEVATOR MACHINE RM. 1013 & TOILET ROOMS 1012 & 1030

1/4" = 1'-0"



Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
48 UNION WHARF, PORTLAND, ME 04101
TEL: (207) 772-6022 FAX: (207) 772-4056

Architect:
MOTHERHOUSE
SENIOR HOUSING
605 STEVENS AVENUE
PORTLAND, MAINE 04103

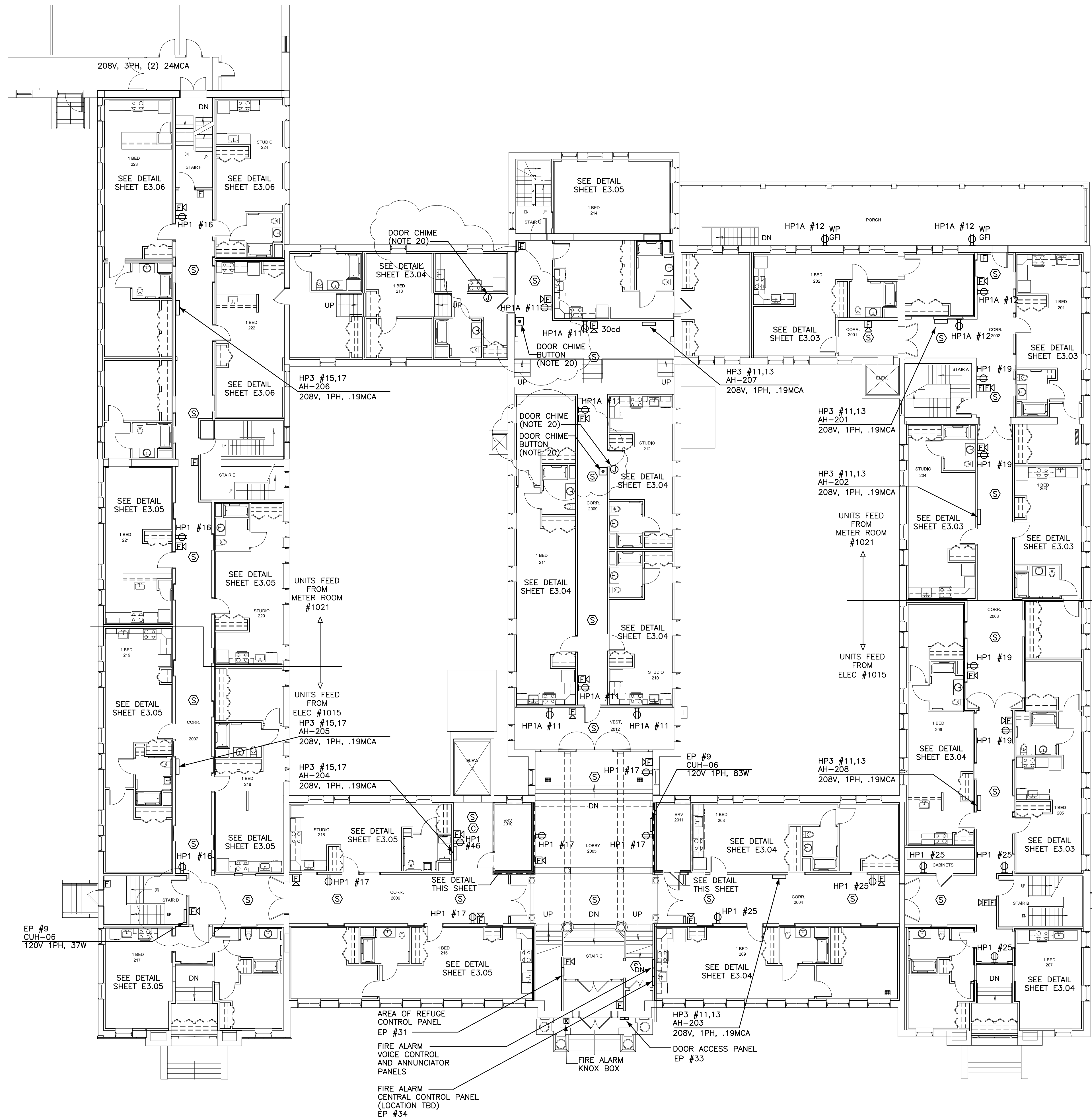
Project:
MOTHERHOUSE
SENIOR HOUSING
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

Date:
FEB 15, 2016
Scale:
AS NOTED
**FIRST FLOOR
POWER**

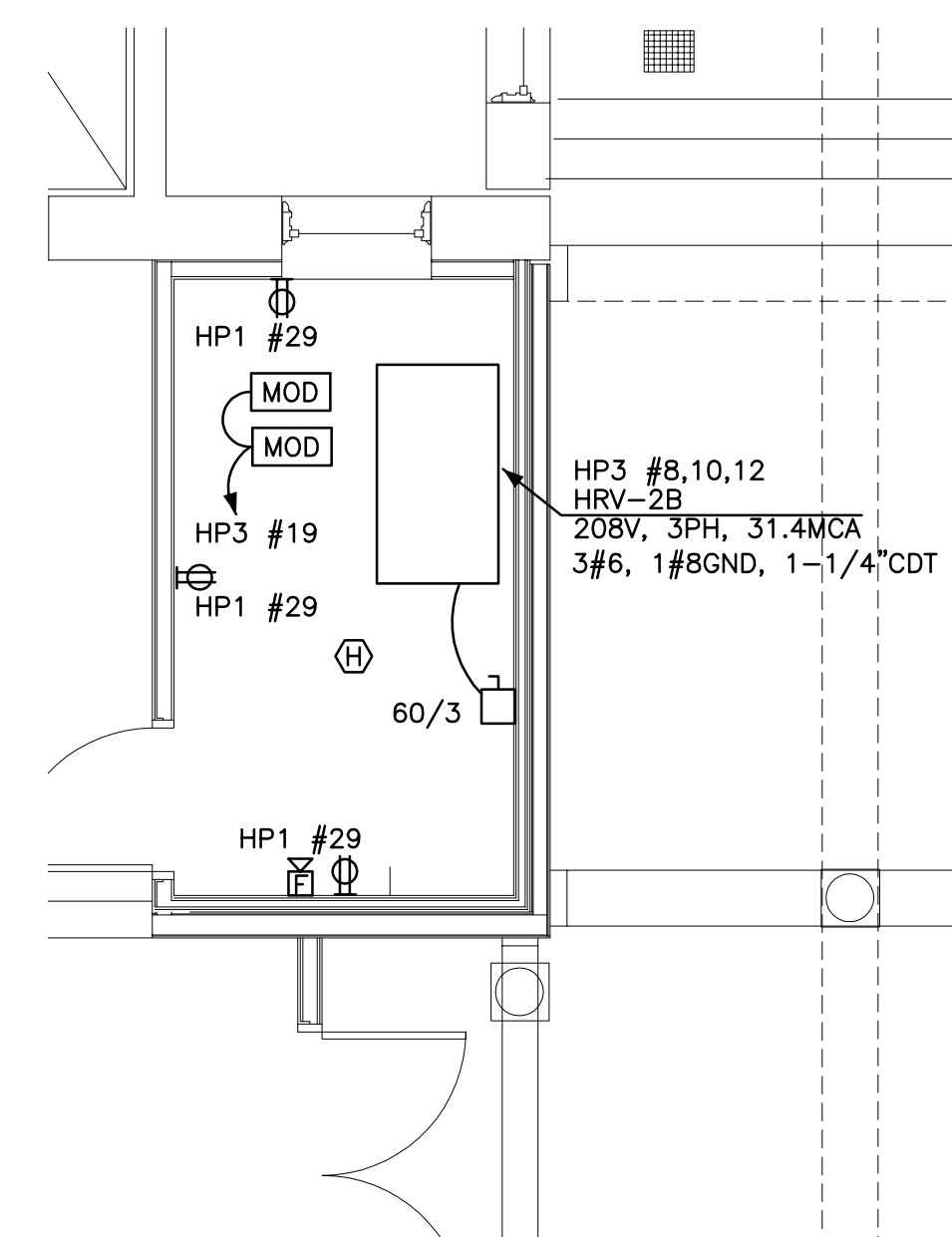
E1.01

06/22/17
REVISED BY MANCINI ELECTRIC

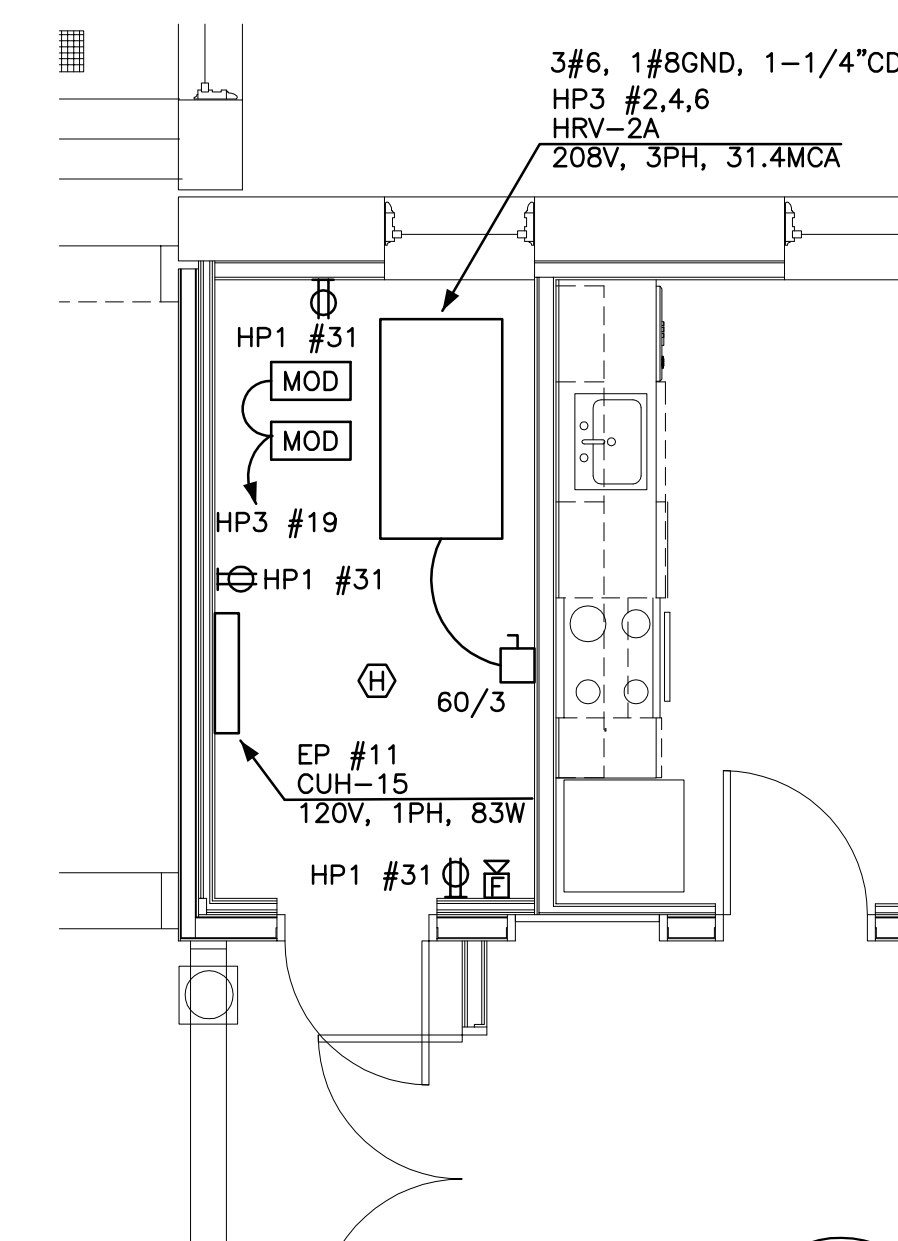


1 | SECOND FLOOR - POWER
3/32" = 1'-0"

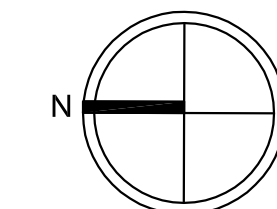
SEE SHEET E4.02 FOR PROJECT NOTES AND SYMBOL SCHEDULE



2 | ERV 2010
1/4" = 1'-0"



2 | ERV 2011
1/4" = 1'-0"



Prepared For: **MOTHERHOUSE LLC**

Consultant: **Bartlett Design**
LIGHTING & ELECTRICAL ENGINEERING
TEL: (207) 448-5447 FAX: (207) 448-5360

Architect: **MOTHERHOUSE SENIOR HOUSING**
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project: **MOTHERHOUSE SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

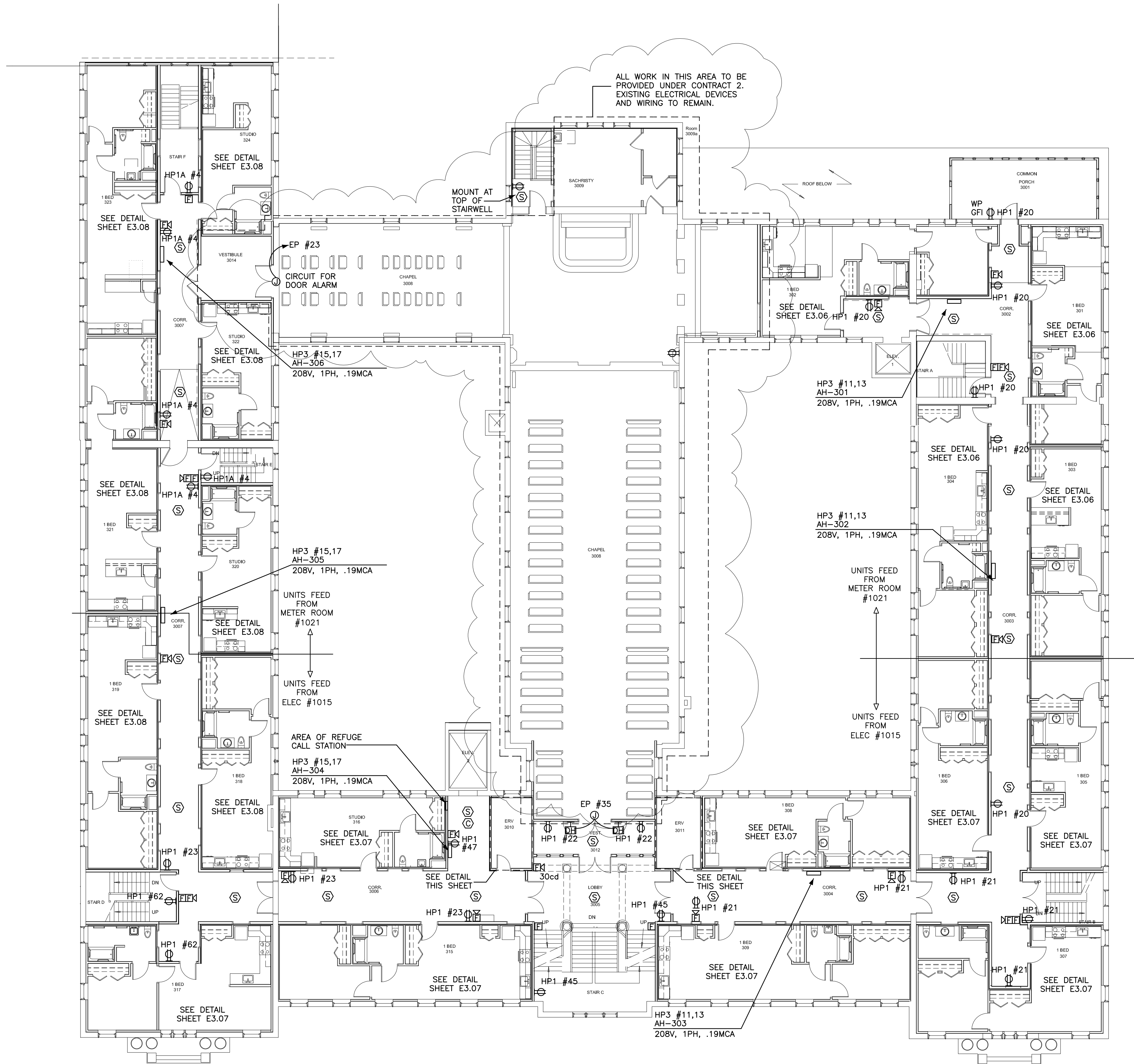
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR CONSTRUCTION

06/22/17 REVISED BY MANCINI ELECTRIC

Date: FEB 15, 2016 Scale: 3/32" = 1'-0"

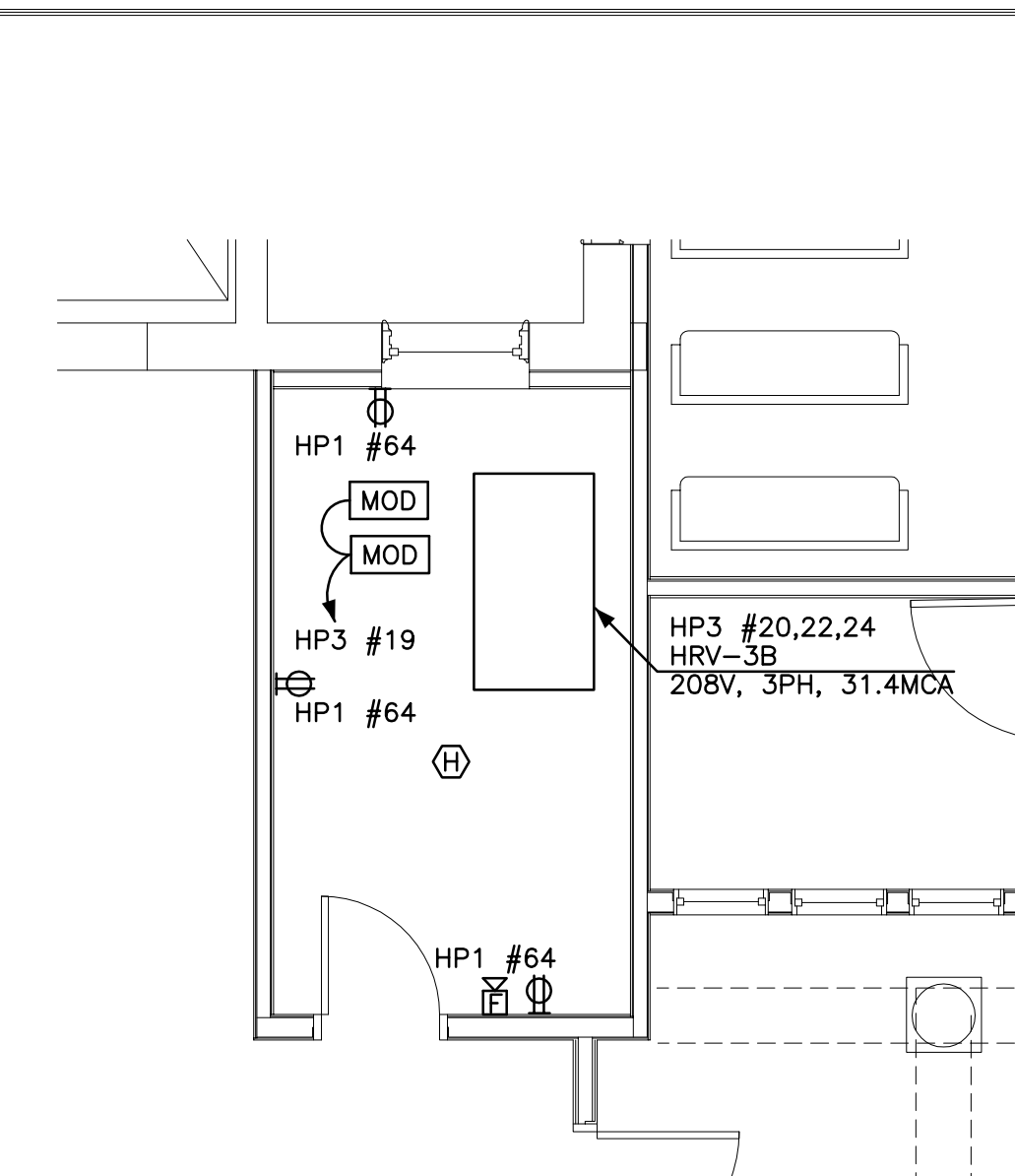
SECOND FLOOR POWER

E1.02

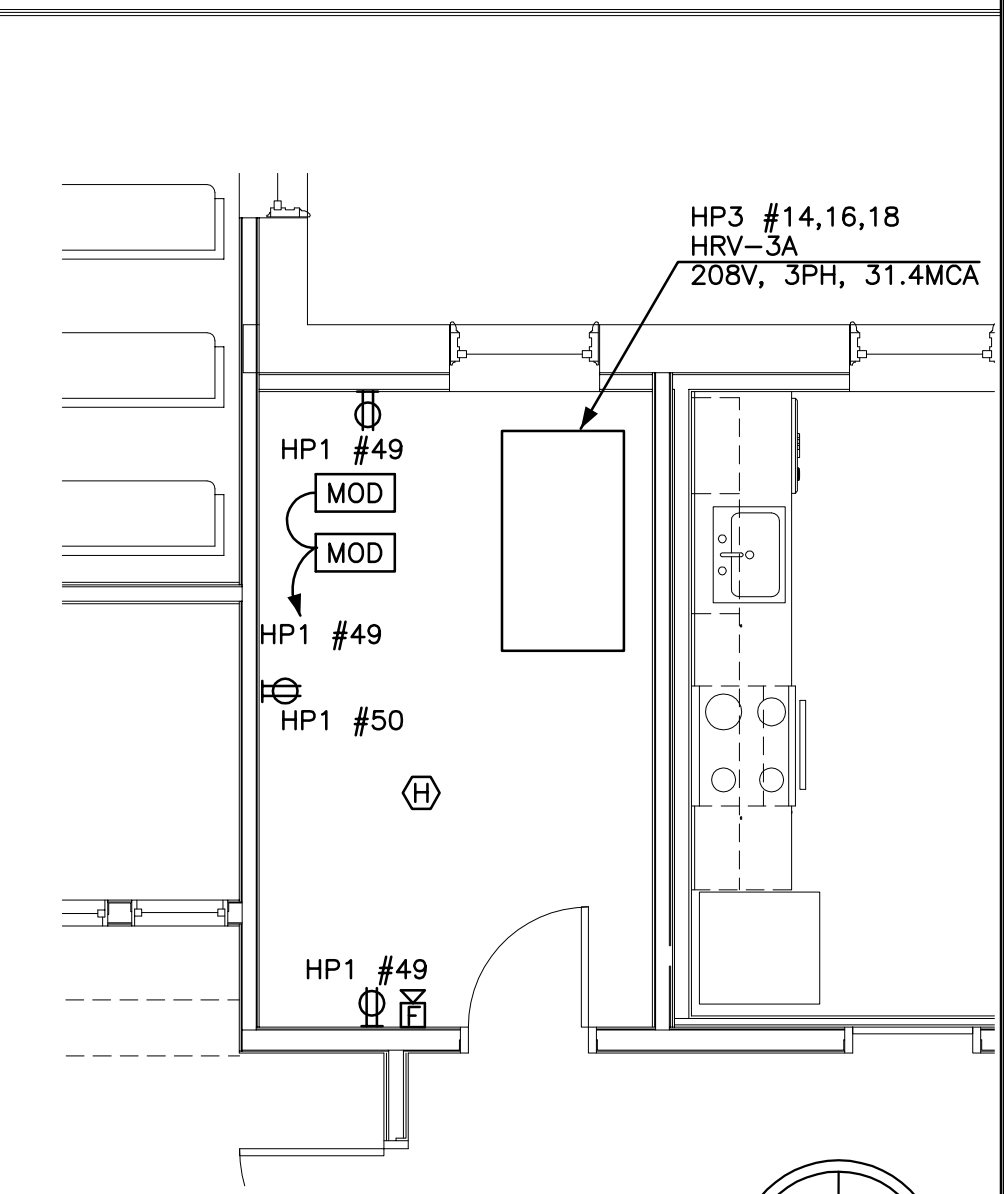


1 | THIRD FLOOR - POWER
3/32" = 1'-0"

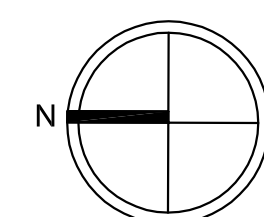
SEE SHEET E4.02 FOR PROJECT NOTES AND SYMBOL SCHEDULE



2 | ERV 3010
1/4" = 1'-0"



3 | ERV 3011
1/4" = 1'-0"



E1.03

Date: FEB 15, 2016
Scale: 3/32" = 1'-0"
THIRD FLOOR
POWER

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARKSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

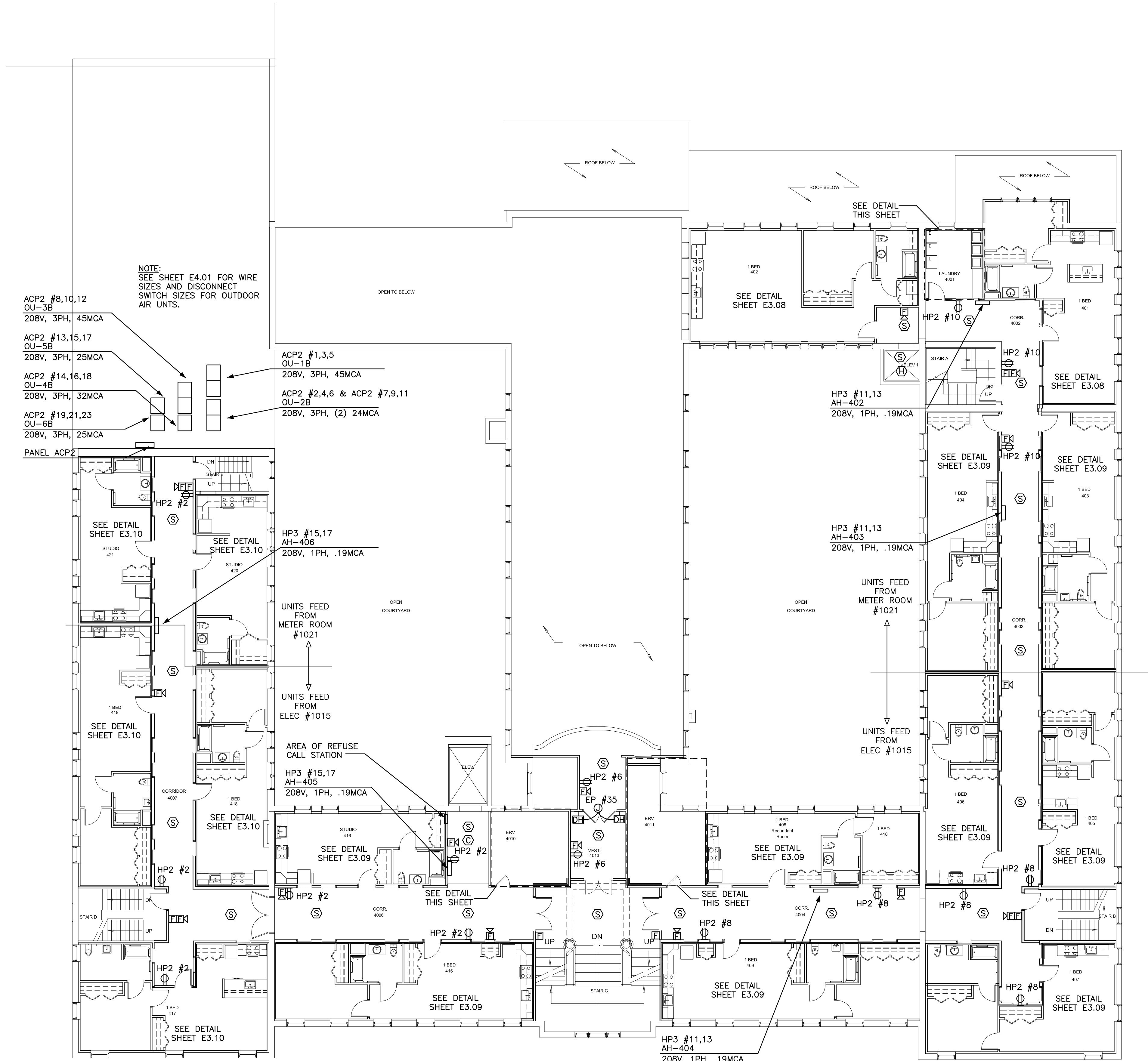
Project:
MOTHERHOUSE
SENIOR HOUSING
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Architect:
MOTHERHOUSE PROJECTS
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

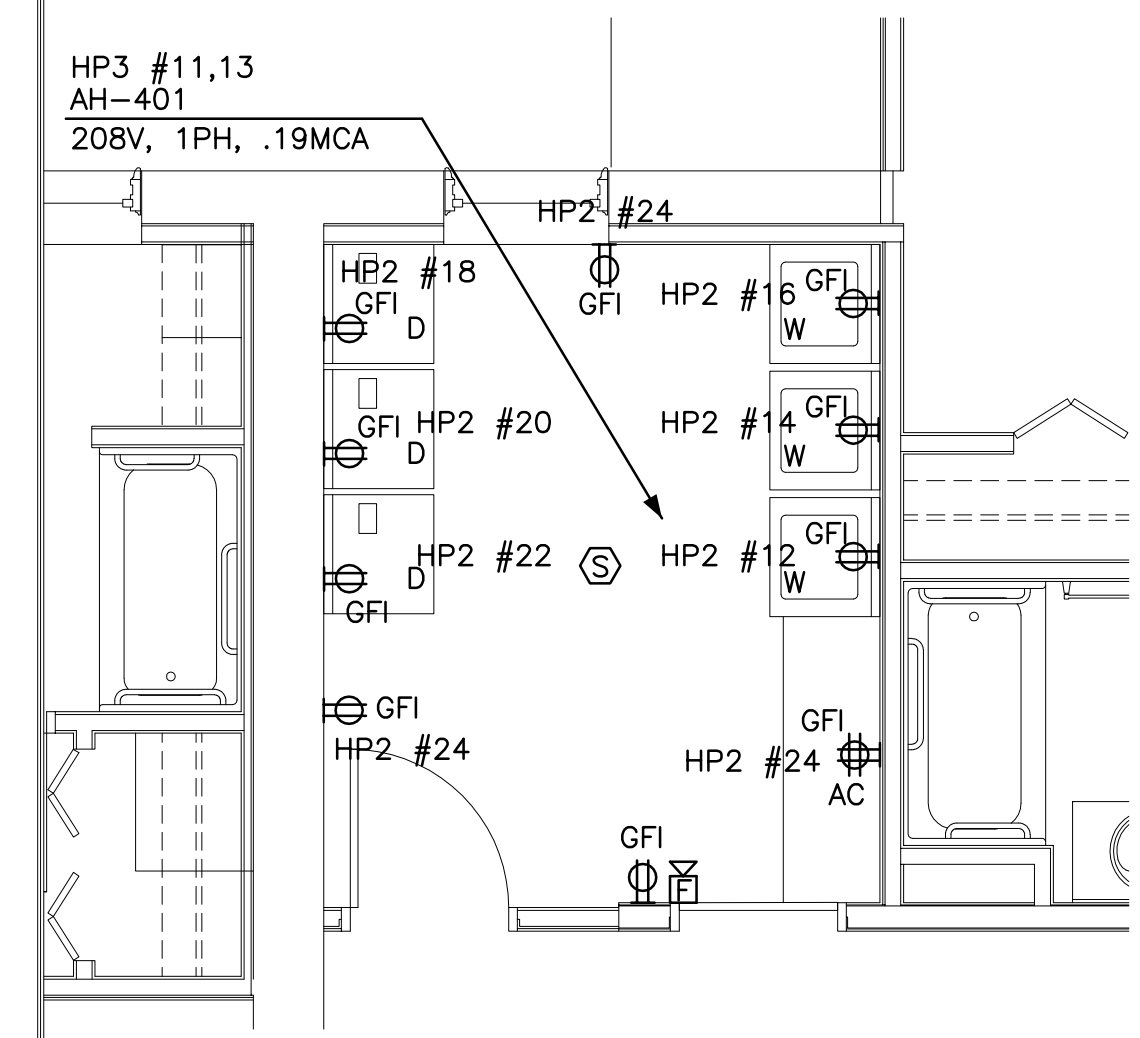
Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
242 WASHINGTON STREET, BATH, ME 04502
TEL (603) 443-0447 FAX (603) 443-0500

Prepared For:
MOTHERHOUSE
LLC

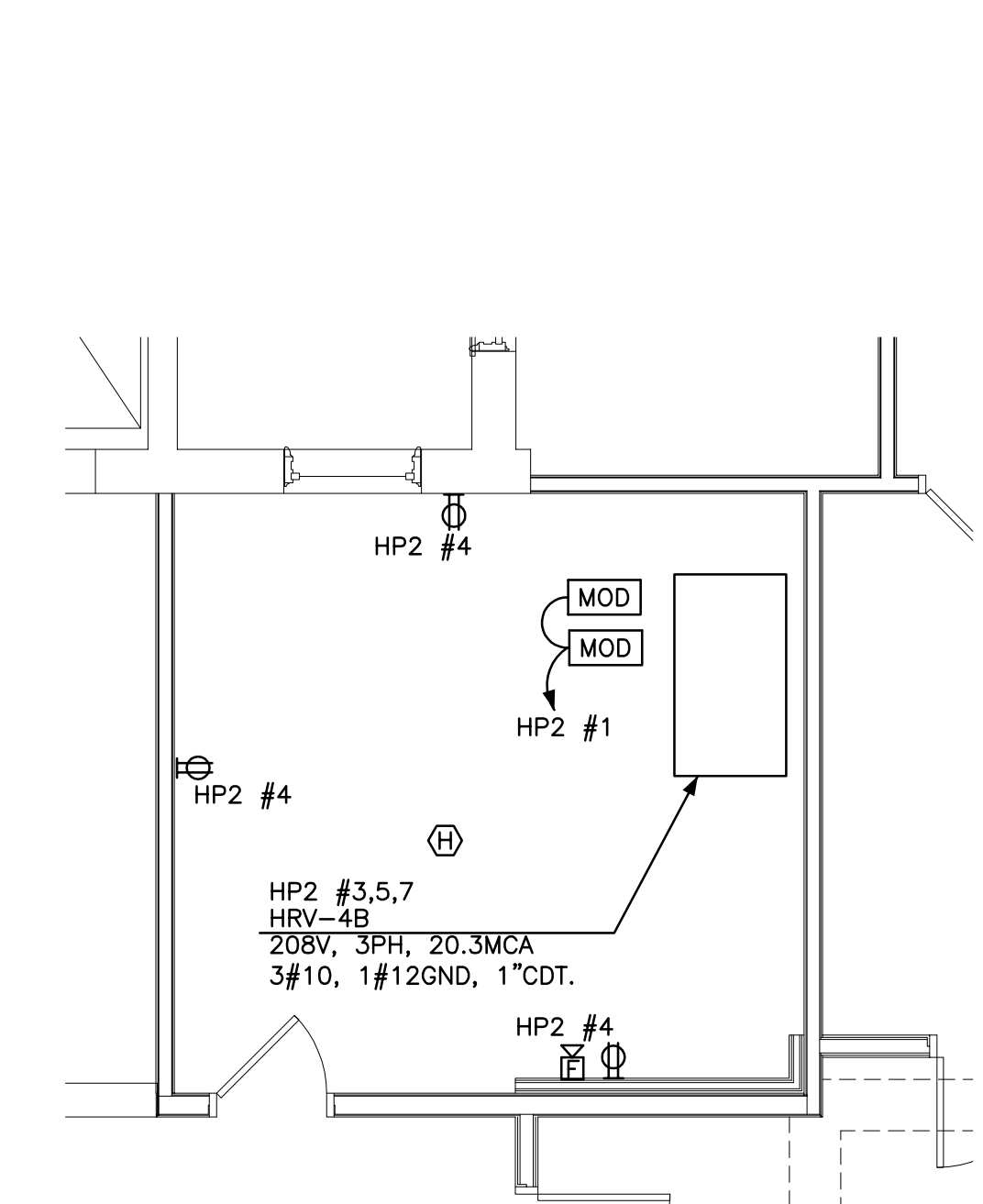
06/22/17
REVISED BY MANCINI ELECTRIC



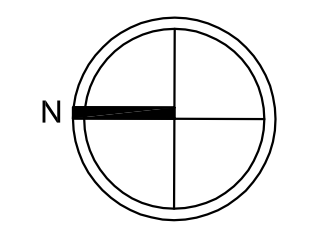
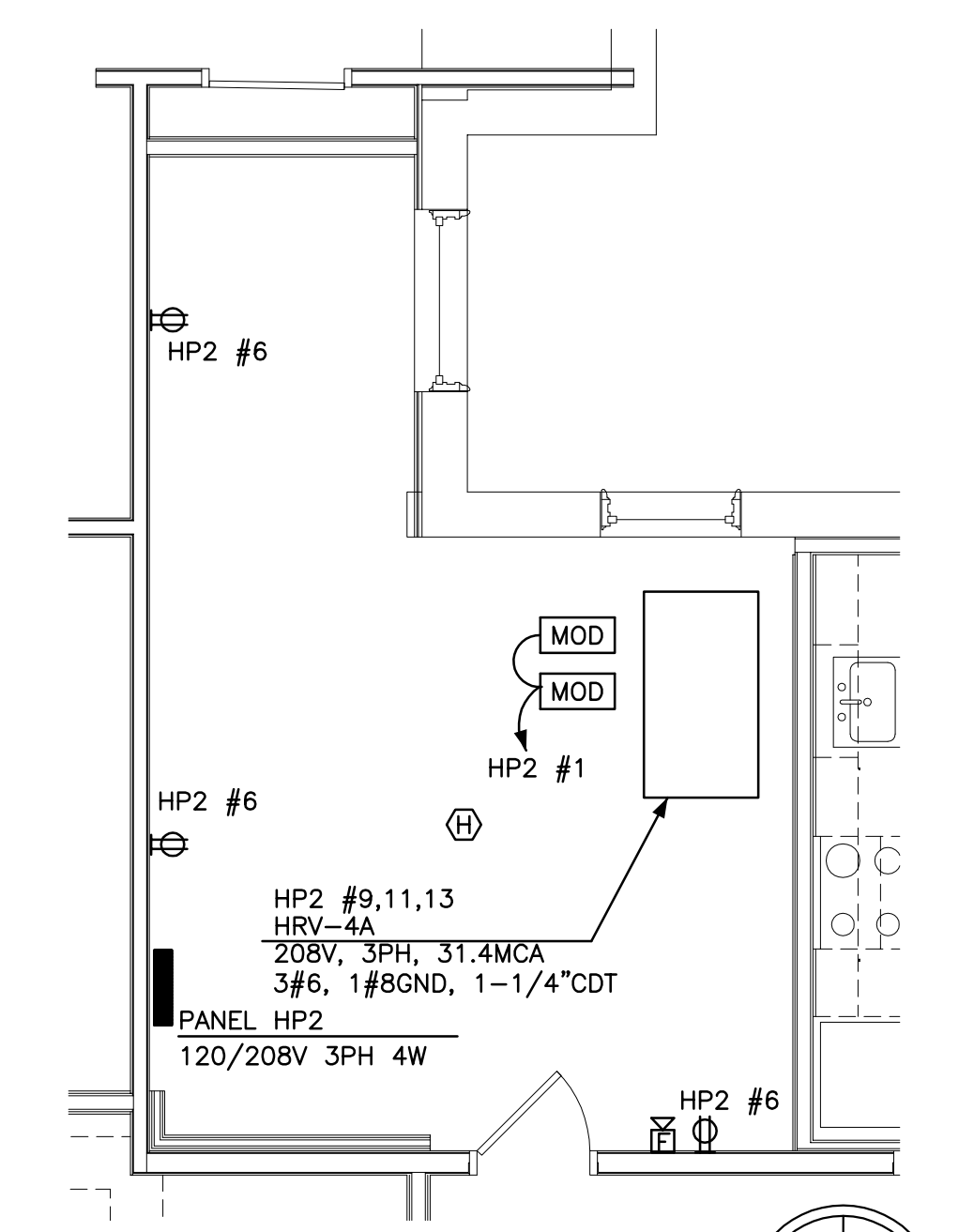
4 | LAUNDRY 4001
1/4" = 1'-0"



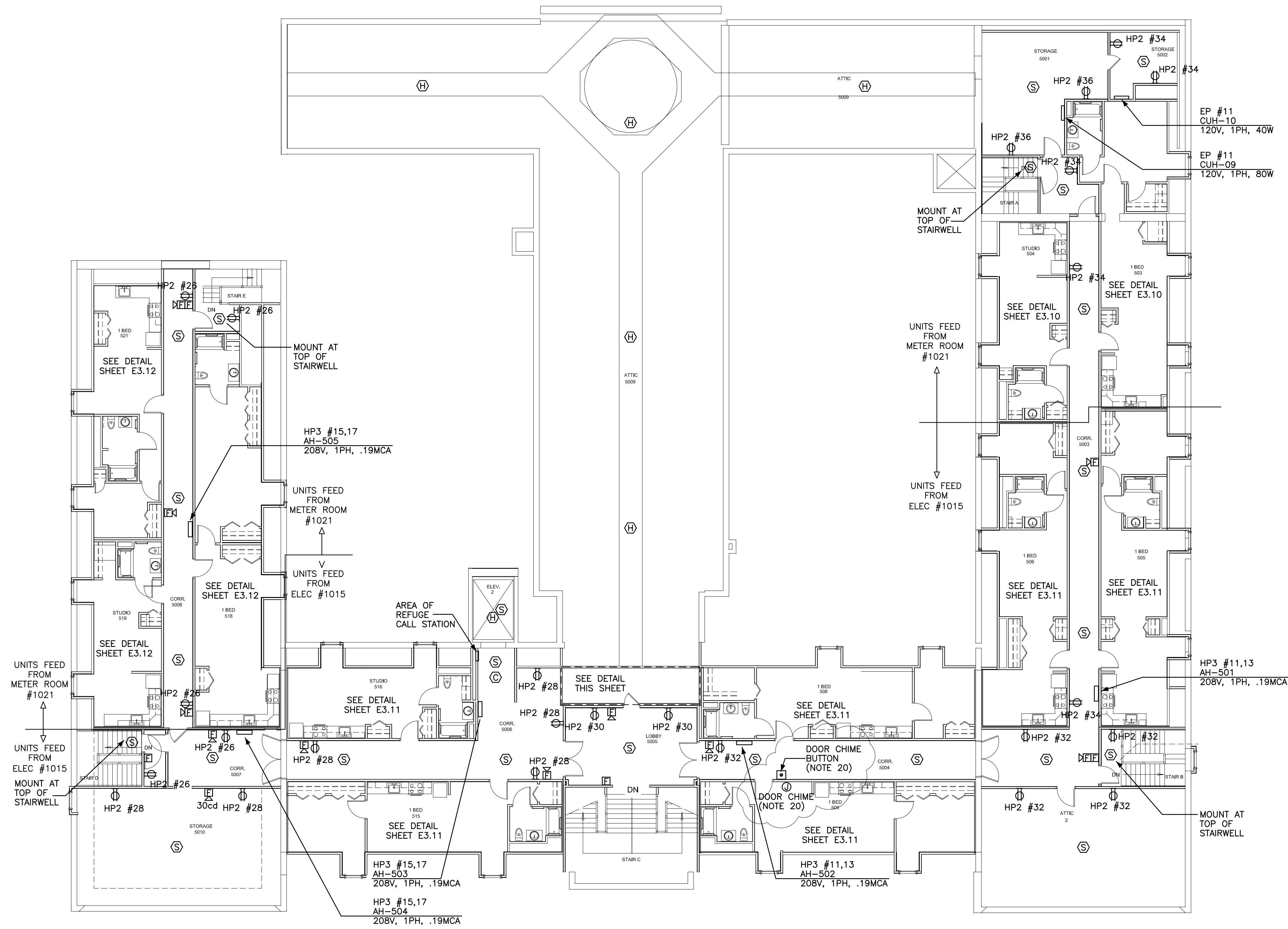
2 | ERV 4010
1/4" = 1'-0"



3 | ERV 4011
1/4" = 1'-0"

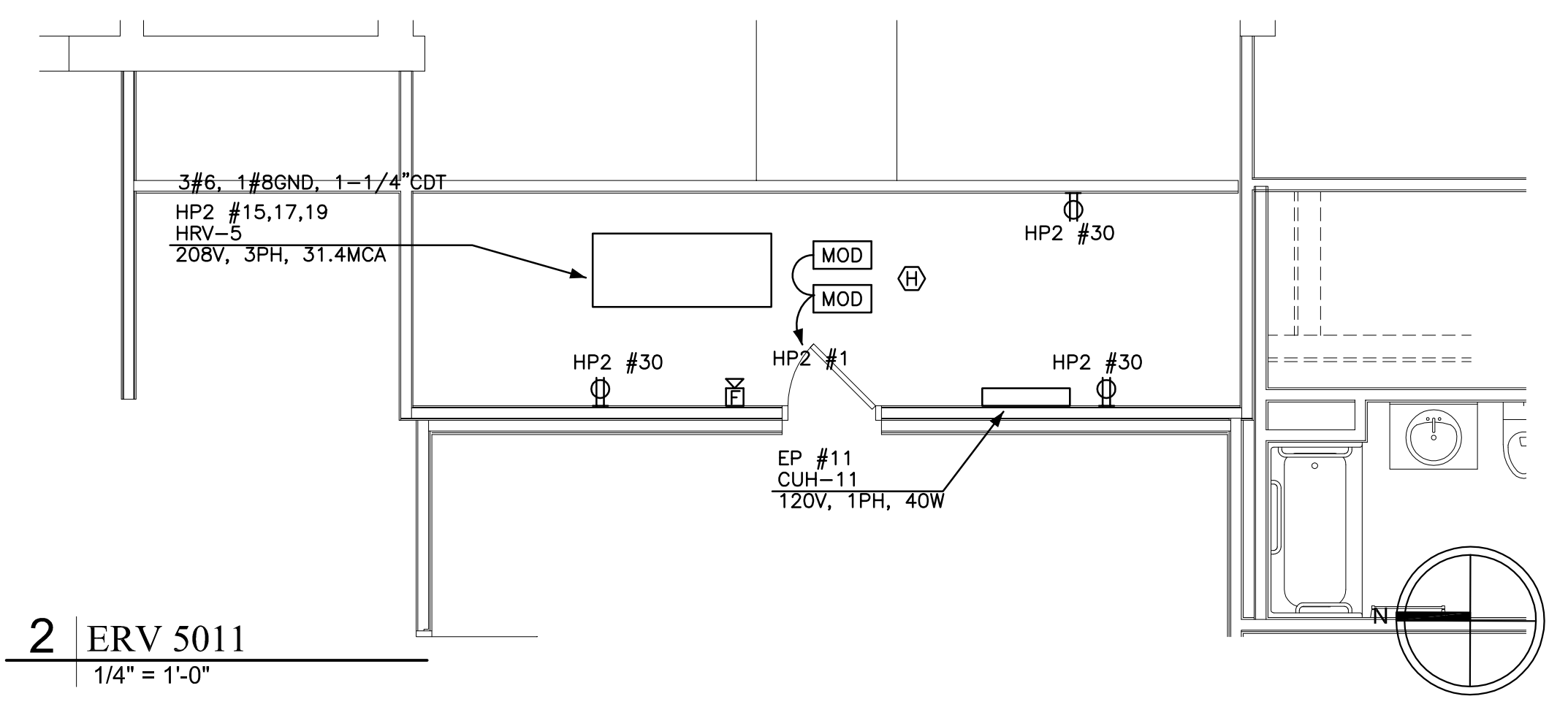


Date: FEB 15, 2016 Scale: 3/32" = 1'-0" Revisions: 02/15/16 MSIA 90% REVIEW 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW 10/07/16 FINAL BID SET 01/09/17 LIGHTING REVISIONS 03/01/17 ISSUED FOR CONSTRUCTION	Project: MOTHERHOUSE SENIOR HOUSING 605 STEVENS AVENUE PORTLAND, MAINE 04103	Architect: MOTHERHOUSE SENIOR HOUSING 48 Union Wharf Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056	Consultant: Bartlett Design LIGHTING & ELECTRICAL ENGINEERING 444 WASHINGTON STREET, 7th FL PORTLAND, ME 04103 TEL: (207) 443-5447 FAX: (207) 443-5660	Prepared For: MOTHERHOUSE LLC
--	--	---	--	---



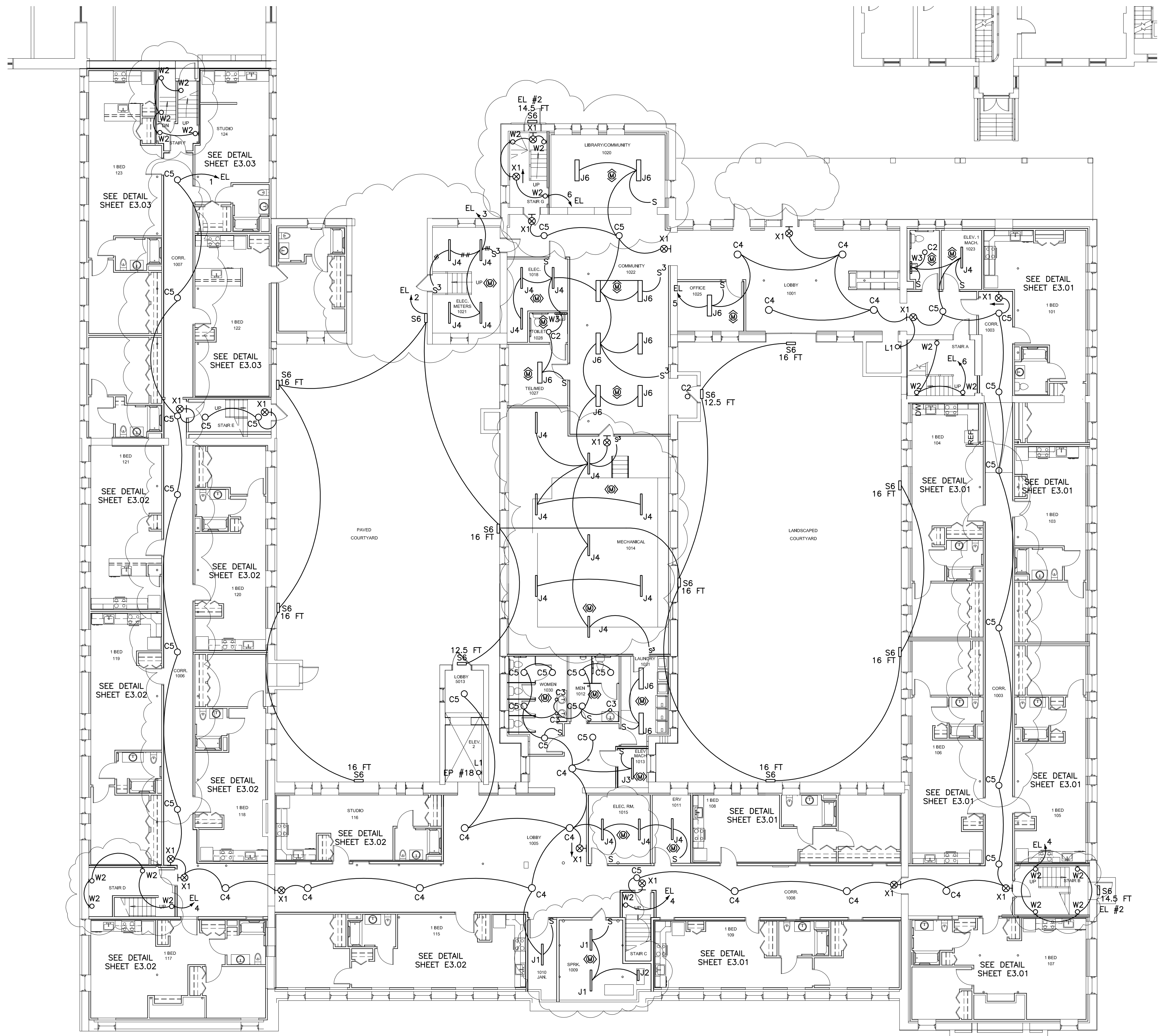
1 FIFTH FLOOR - POWER
3/32" = 1'-0"

SEE SHEET E4.02 FOR PROJECT NOTES AND SYMBOL SCHEDULE



2 ERV 5011
1/4" = 1'-0"

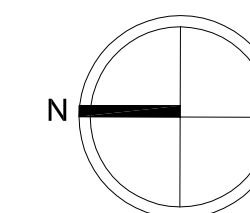
<p>06/22/17 REVISED BY MANCINI ELECTRIC</p> <p>Revisions: 02/15/16 MSHA 90% REVIEW 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW 10/07/16 FINAL BID SET 01/09/17 LIGHTING REVISIONS 03/01/17 ISSUED FOR CONSTRUCTION</p>	<p>Project: MOTHERHOUSE SENIOR HOUSING 605 STEVENS AVENUE PORTLAND, MAINE 04103</p>	<p>Architect: MOTHERHOUSE SENIOR HOUSING 48 Union Wharf Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056</p>	<p>Consultant: Bartlett Design 1102 WASHINGTON STREET, PORTLAND, ME 04103 TEL: (207) 448-4447 FAX: (207) 448-5660</p>	<p>Prepared For: MOTHERHOUSE LLC</p>
<p>Date: FEB 15, 2016</p>		<p>Scale: 3/32" = 1'-0"</p>		<p>FIFTH FLOOR POWER</p>
<p>E1.05</p>				



1 | FIRST FLOOR - LIGHTING
3/32" = 1'-0"

VERIFY EXACT LOCATION AND HEIGHT OF EXTERIOR LIGHTS WITH ARCHITECT PRIOR TO INSTALLATION

SEE SHEET E4.02 FOR PROJECT NOTES AND SYMBOL SCHEDULE



E2.01

Date: FEB 15, 2016
Scale: AS NOTED
FIRST FLOOR LIGHTING

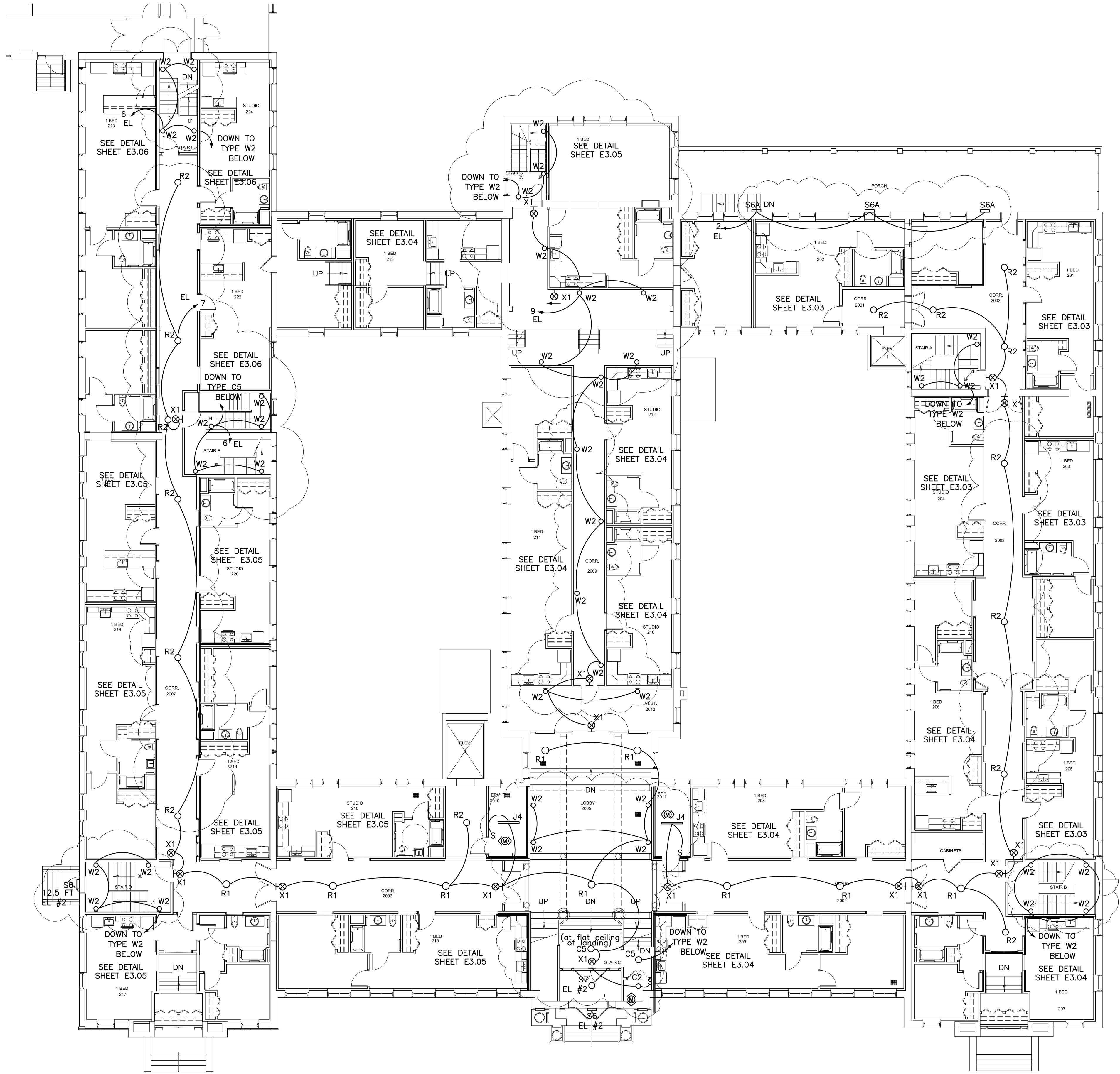
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
10/07/16 FINAL BID SET
10/13/16 ADDED DOOR CHIMES
03/01/17 ISSUED FOR CONSTRUCTION

Project: **MOTHERHOUSE SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Architect: **MOTHERHOUSE**
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

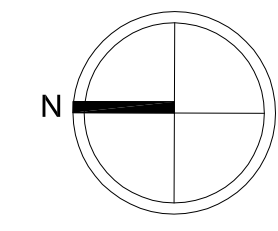
Consultant: **Bartlett Design**
1432 WASHINGTON STREET, BALDWIN, ME 04206
TEL: (207) 443-4447 FAX: (207) 443-5560

Prepared For: **MOTHERHOUSE LLC**



1 SECOND FLOOR - LIGHTING
 3/32" = 1'-0"

SEE SHEET E4.02 FOR PROJECT NOTES AND SYMBOL SCHEDULE



E2.02

Prepared For:
MOTHERHOUSE LLC

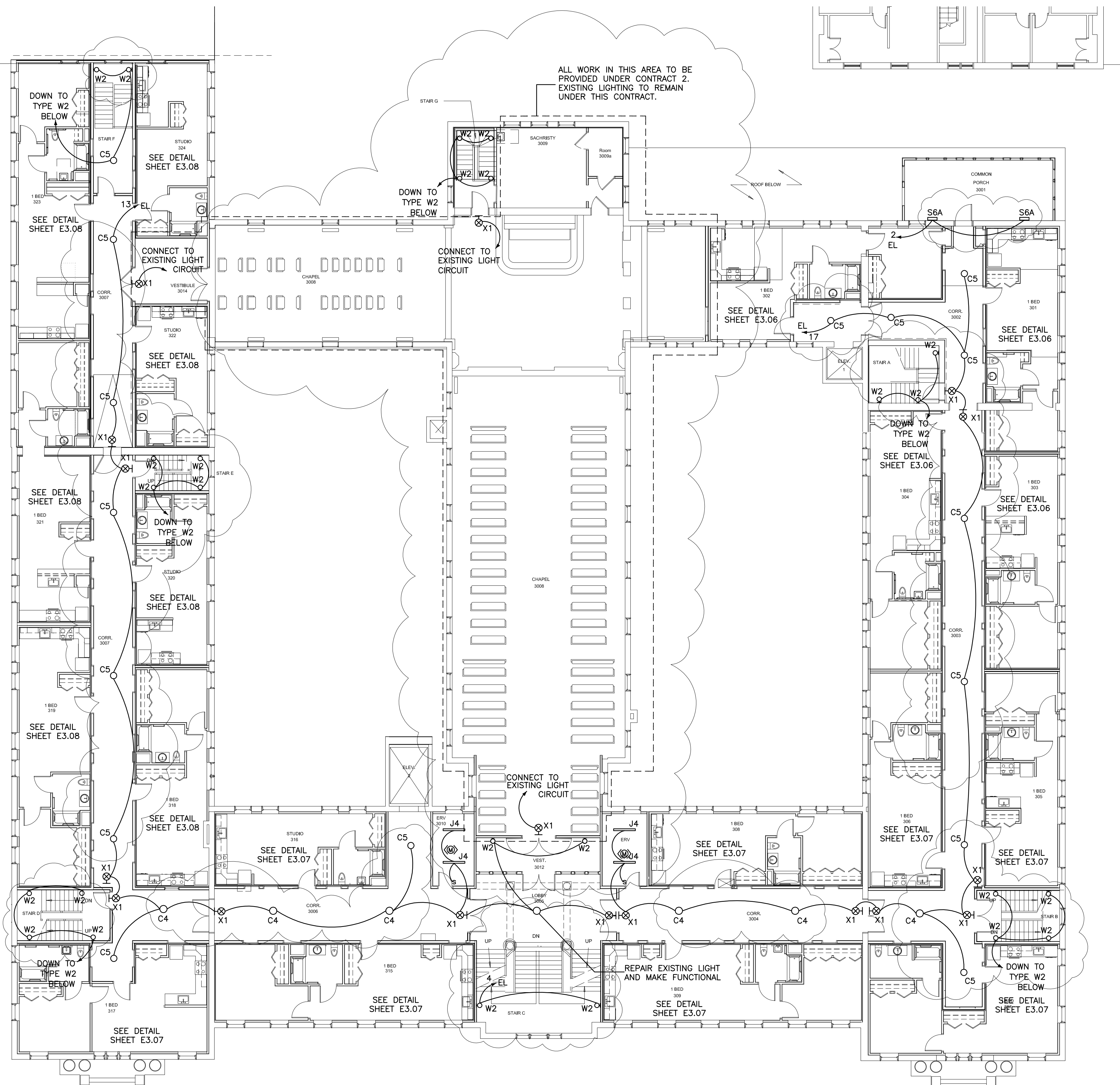
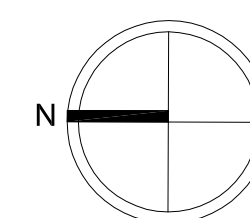
Consultant:
Bartlett Design
 LIGHTING & ELECTRICAL ENGINEERING
 942 WASHINGTON STREET, BATH, ME 04530
 TEL: (207) 443-4477 FAX: (207) 443-5500

Architect:
 48 Union Wharf Portland, Maine 04101
 (207) 772-6022 Fax (207) 772-4056

Project:
MOTHERHOUSE SENIOR HOUSING
 605 STEVENS AVENUE
 PORTLAND, MAINE 04103

Revisions:
 02/15/16 MSHA 90% REVIEW
 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
 10/07/16 FINAL BID SET
 10/13/16 ADDED DOOR CHIMES
 03/01/17 ISSUED FOR CONSTRUCTION

Date: FEB 15, 2016
 Scale: 3/32" = 1'-0"
SECOND FLOOR LIGHTING



Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
842 WASHINGTON STREET, BALTIMORE, MD 21201
TEL: (307) 442-8447 FAX: (307) 442-8500

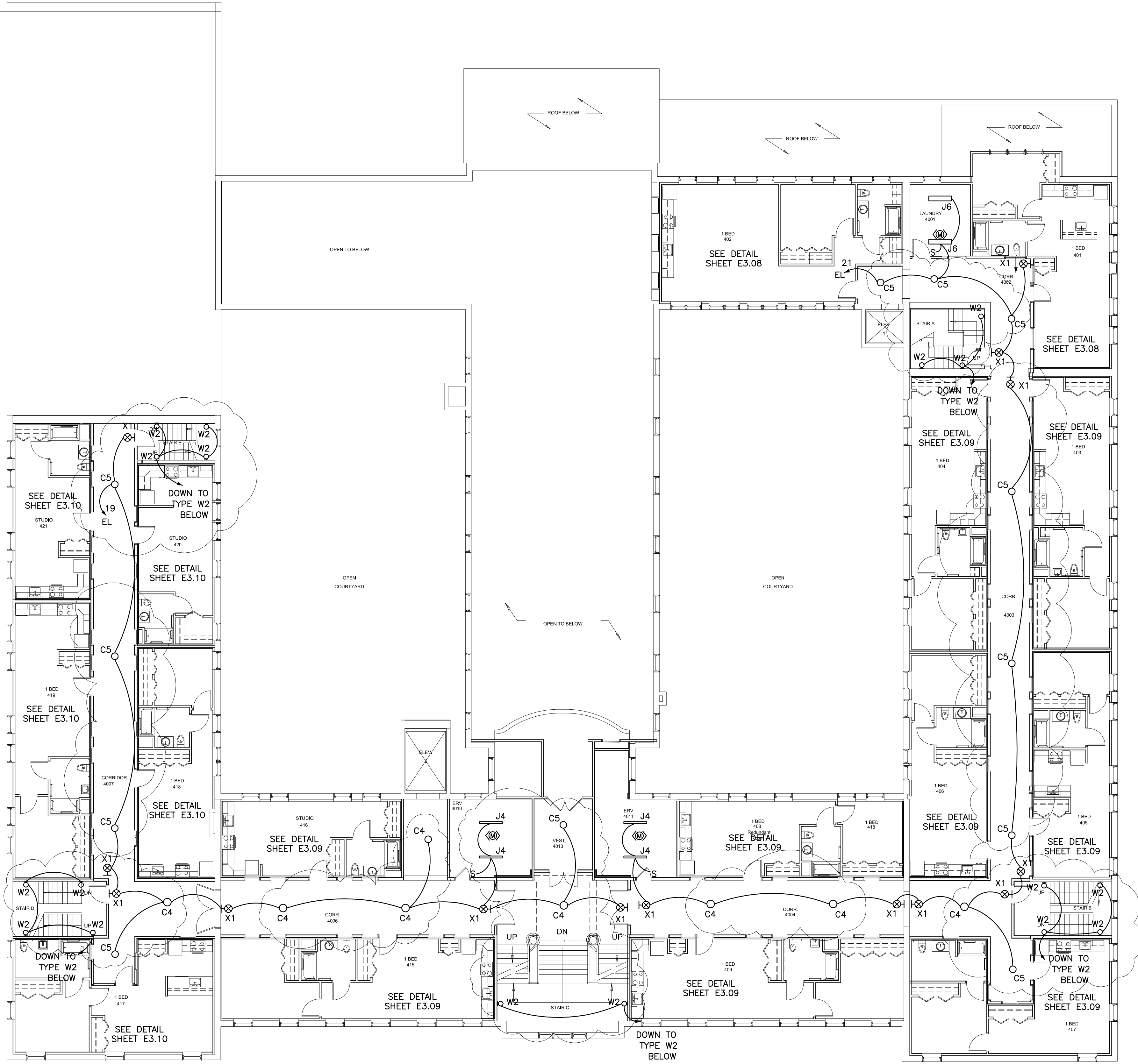
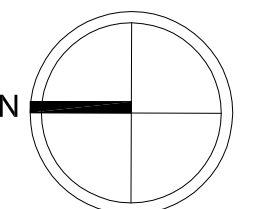
Architect:
C:\B\Projects\16055 - Project\16055-0000\16055-0000.dwg
48 Union Wharf Portland, Maine 04101
(307) 772-6022 Fax (307) 772-4056

Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
10/07/16 FINAL BID SET
03/01/17 ISSUED FOR CONSTRUCTION

Date: FEB 15, 2016
Scale: 3/32" = 1'-0"

THIRD FLOOR
LIGHTING



Prepared For:
**MOTHERHOUSE
LLC**

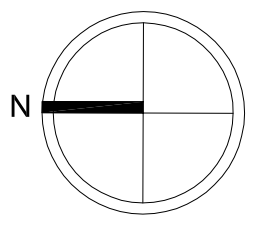
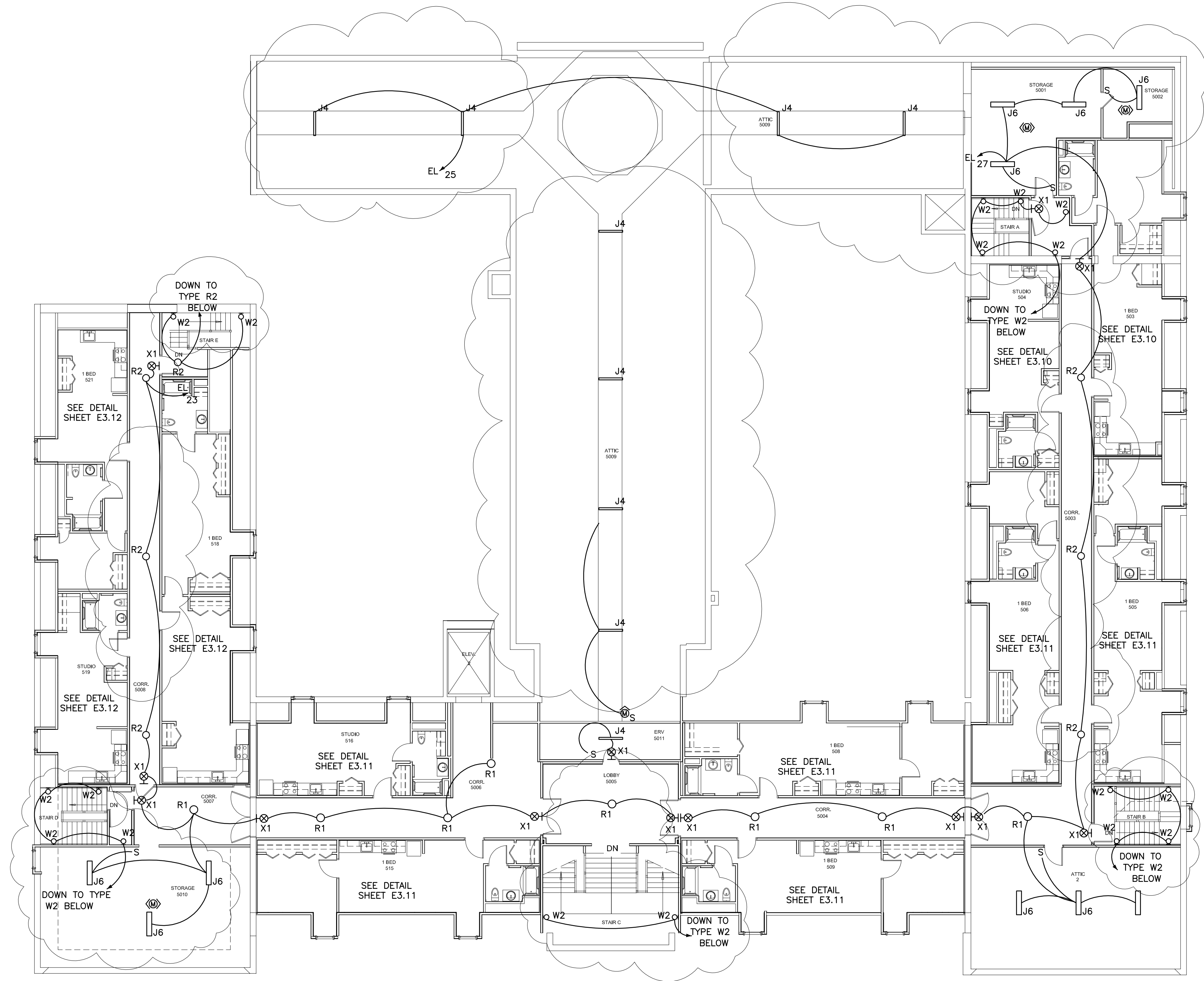
Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
842 WASHINGTON STREET, BALTIMORE, MD 21201
TEL: (410) 442-4447 FAX: (410) 442-4500

Architect:
C:\18 Projects\1805 Projects\1805-2020-Union Wharf\Lighting\1805-2020-Union Wharf-66627.rvt
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

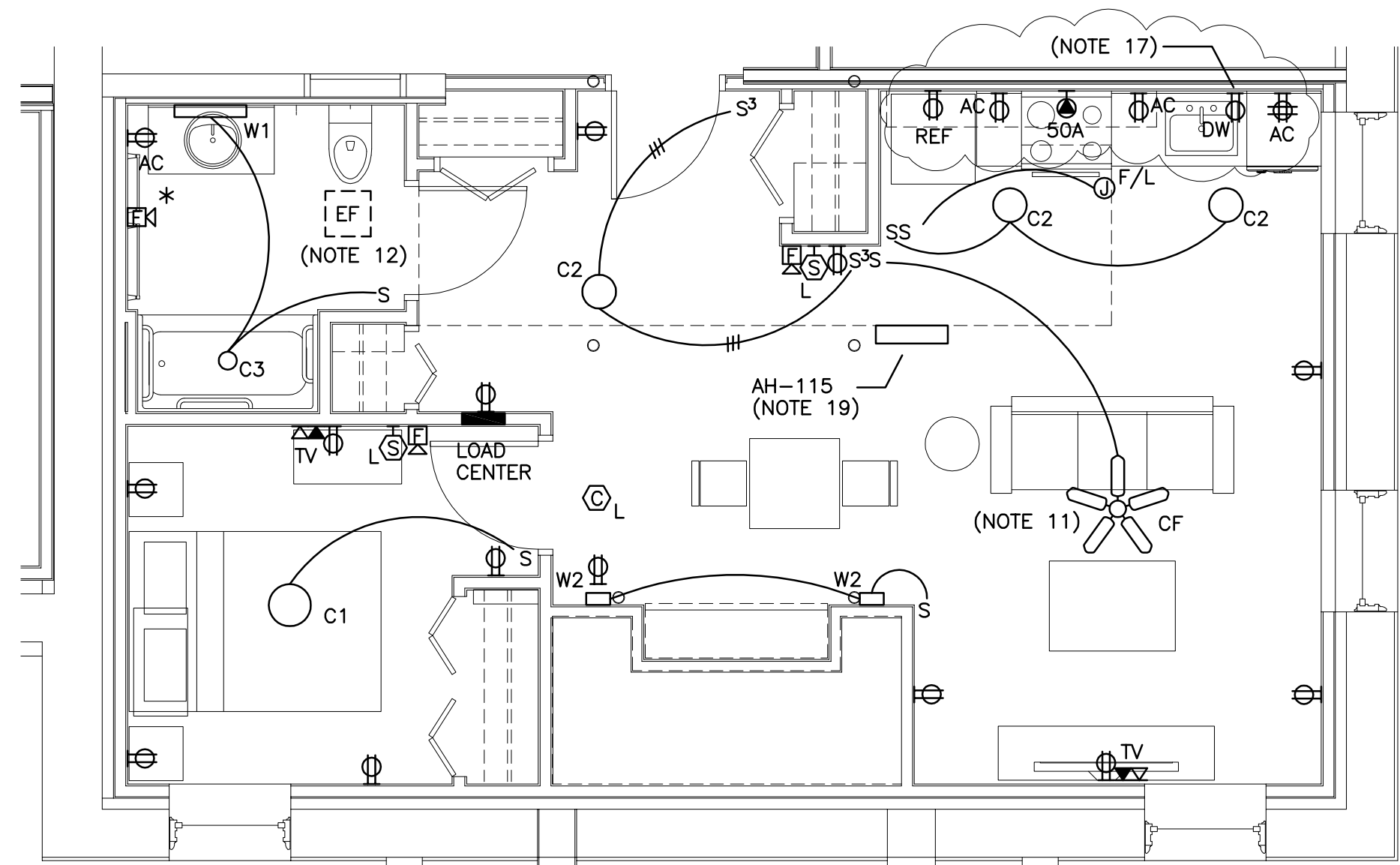
Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
10/07/16 FINAL BID SET
03/01/17 ISSUED FOR CONSTRUCTION

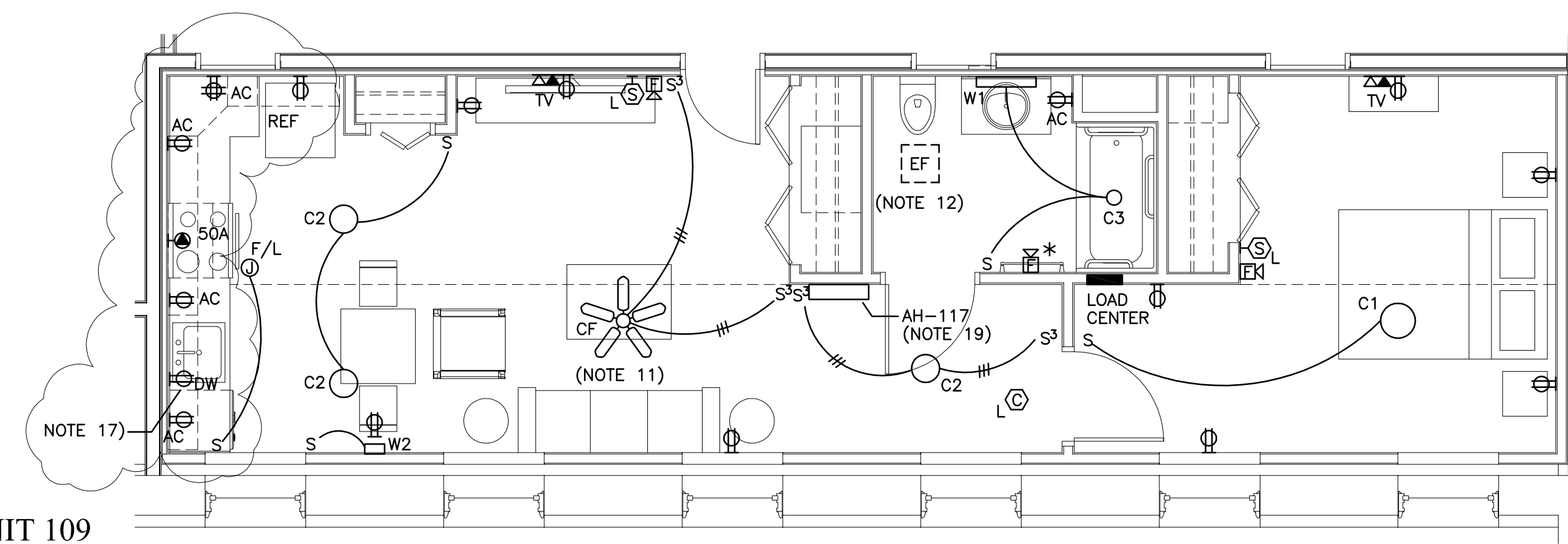
Date: FEB 15, 2016
Scale: 3/32" = 1'-0"
**FOURTH FLOOR
LIGHTING**



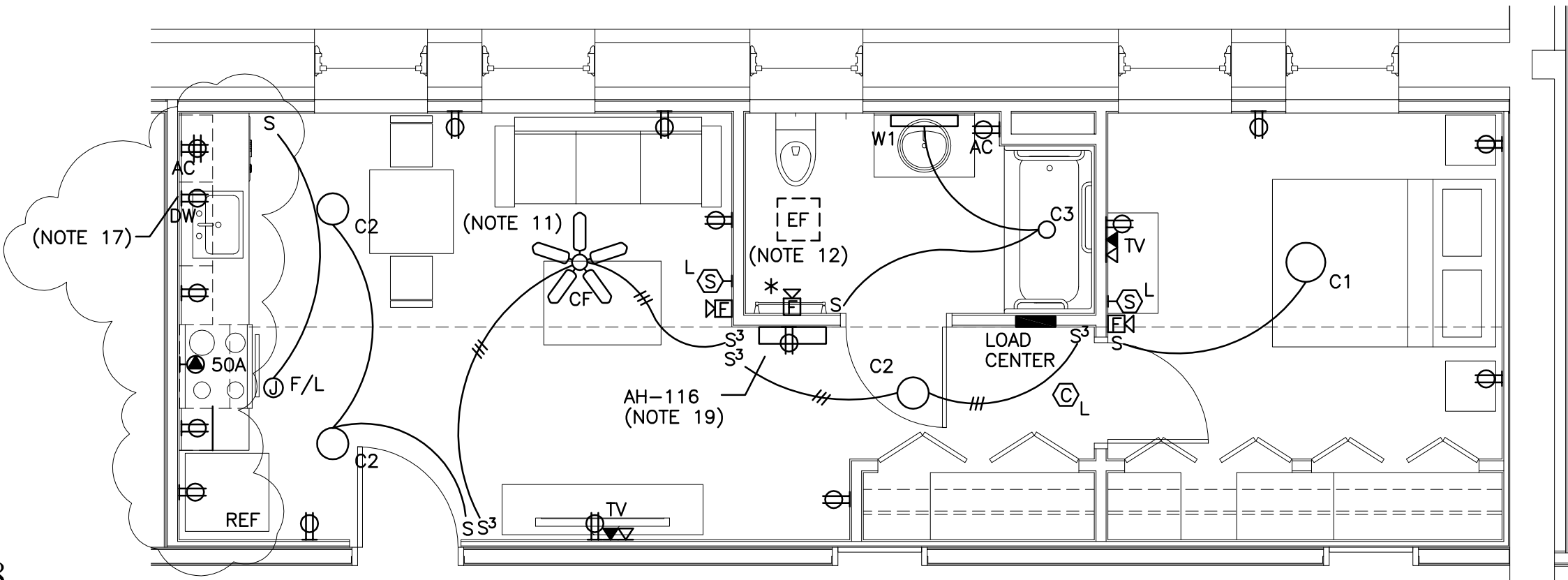
06/23/17 REVISED BY MANCINI ELECTRIC



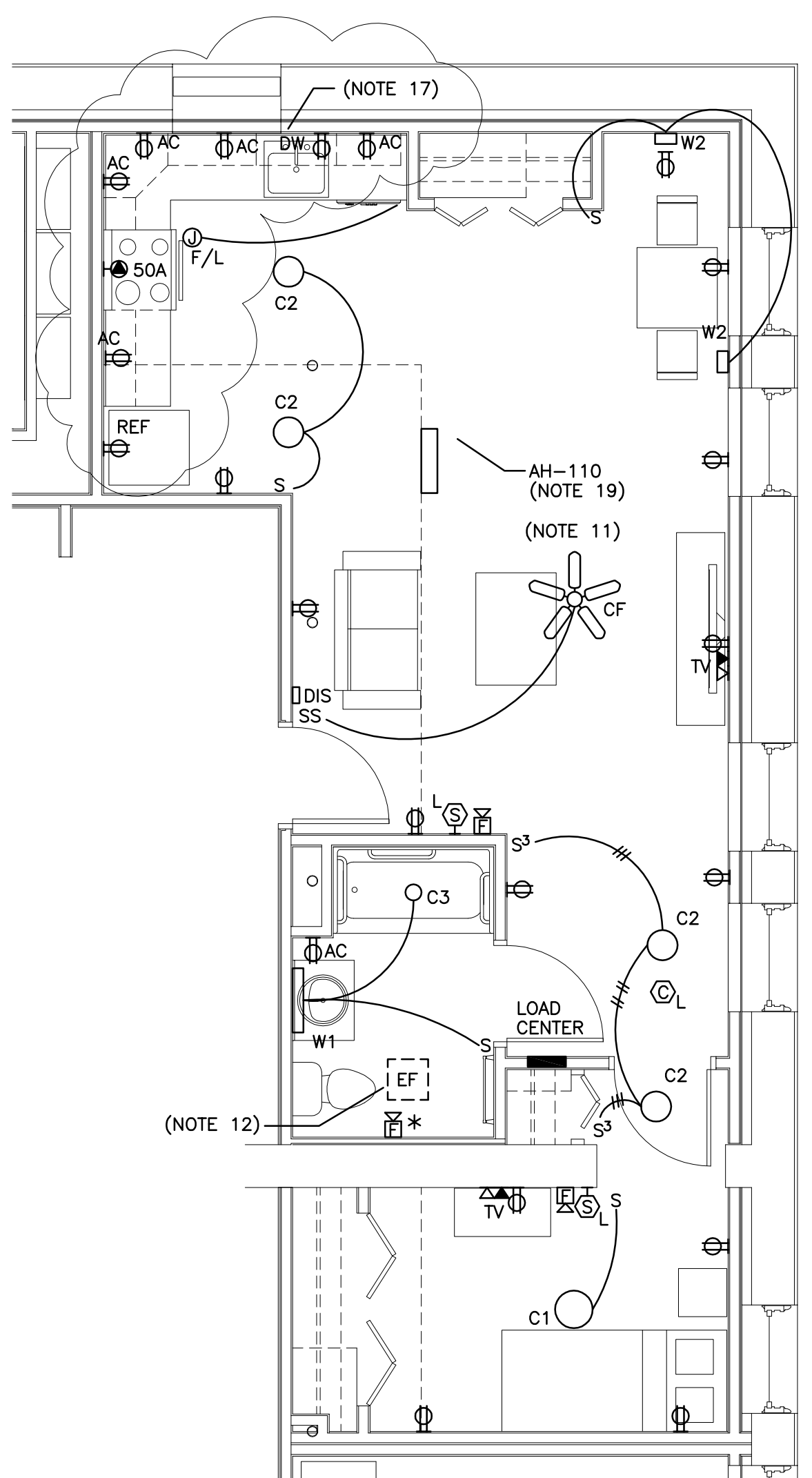
6 UNIT 107
1/4" = 1'-0"



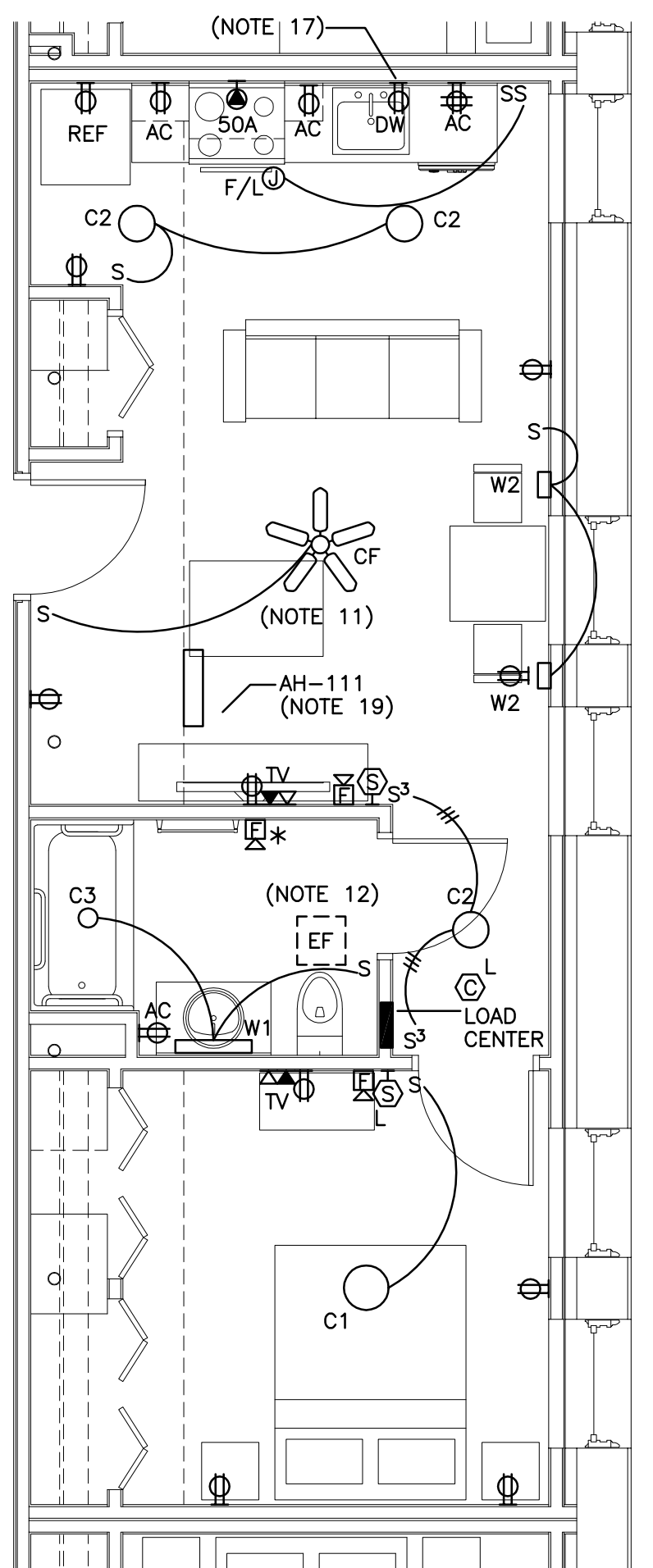
8 UNIT 109
1/4" = 1'-0"



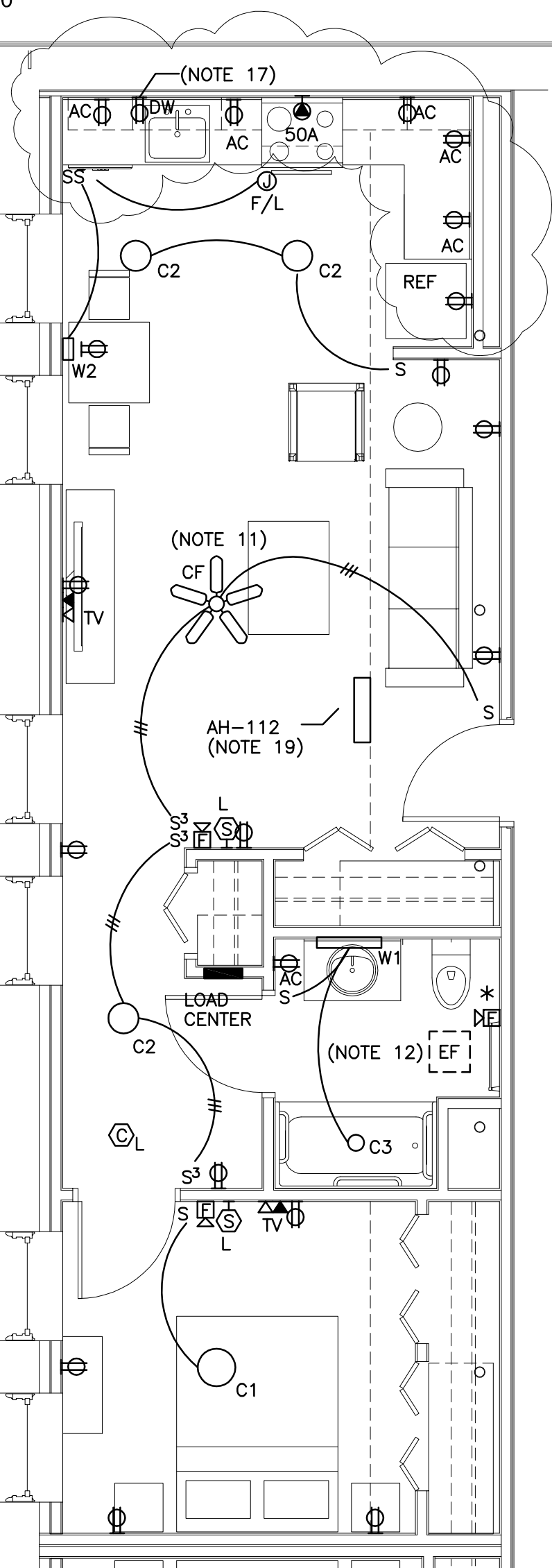
7 UNIT 108
1/4" = 1'-0"



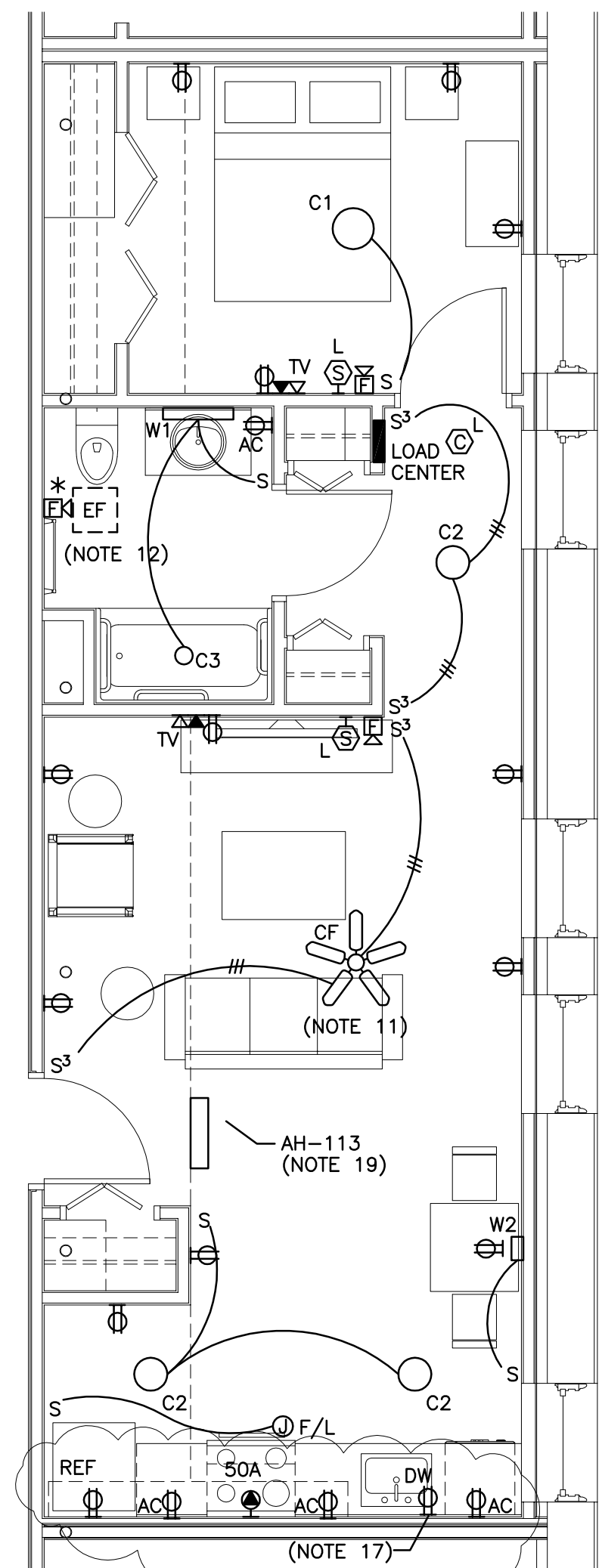
1 UNIT 101
1/4" = 1'-0"



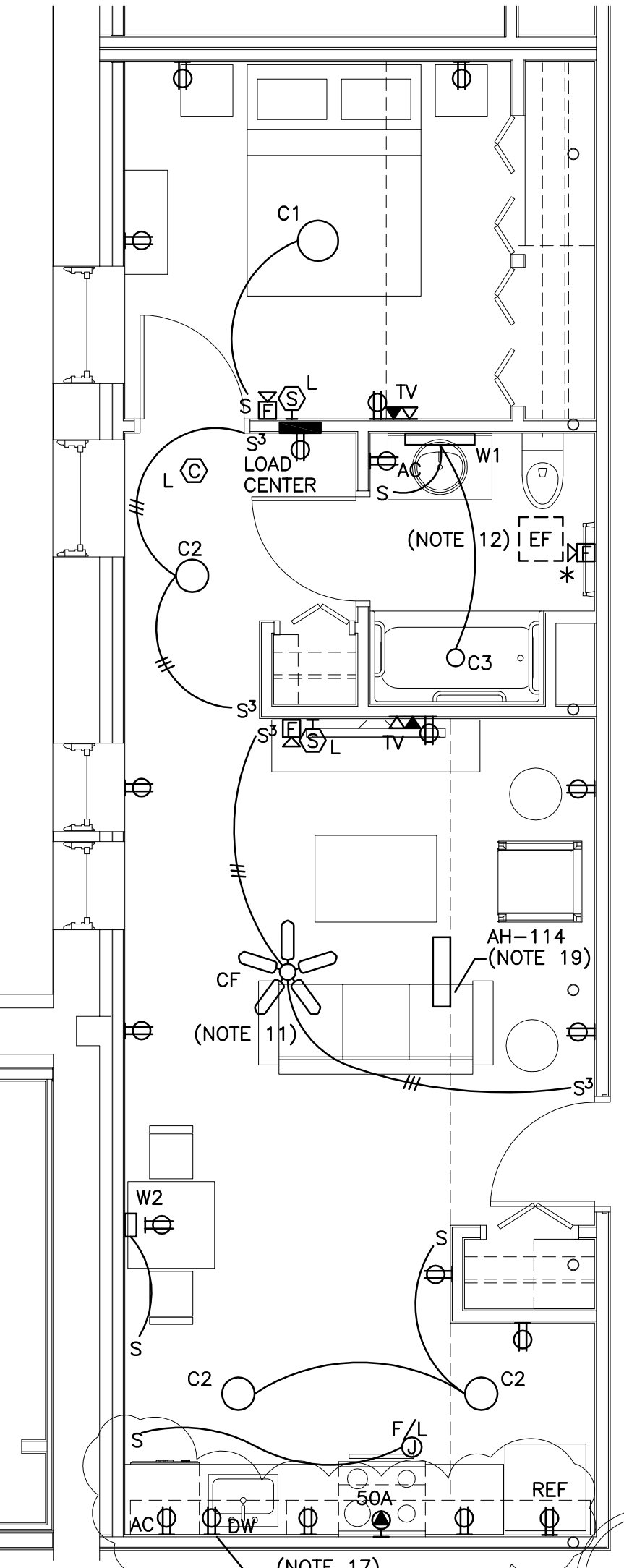
2 UNIT 103
1/4" = 1'-0"



3 UNIT 104
1/4" = 1'-0"



4 UNIT 105
1/4" = 1'-0"



5 UNIT 106
1/4" = 1'-0"

Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET, BATH, ME 04501
TEL: (207) 443-0447 FAX: (207) 443-5500

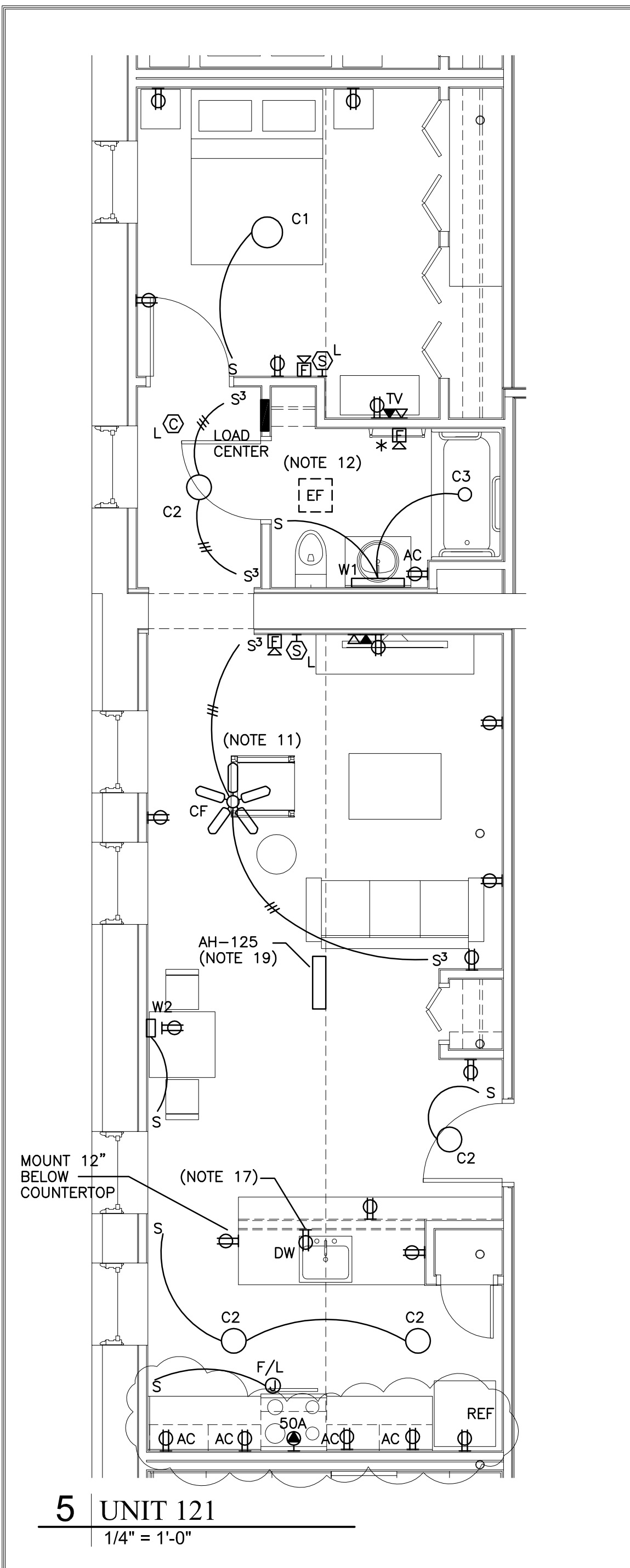
Architect:
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

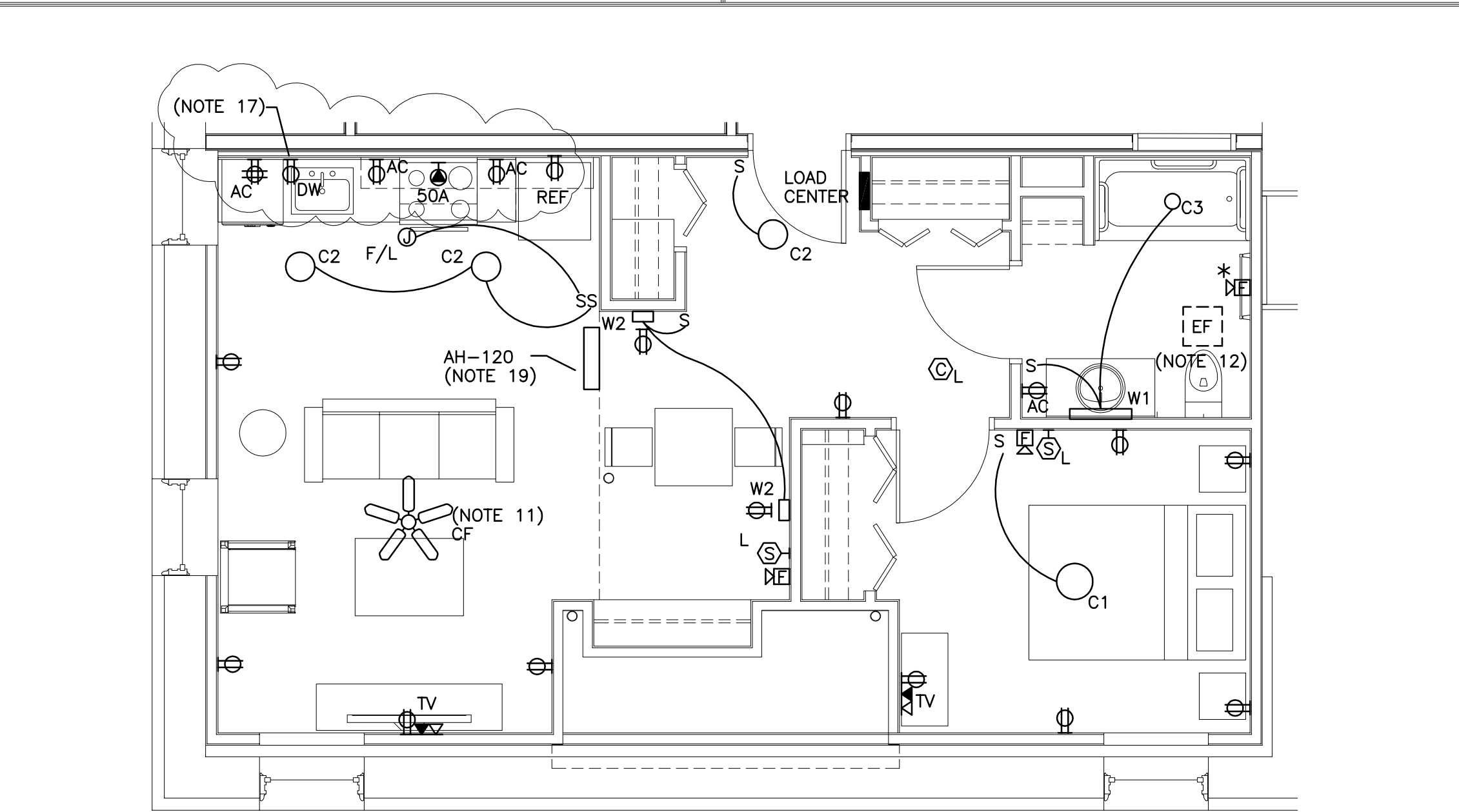
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 101, 103, 104, 105,
106, 107, 108 & 109

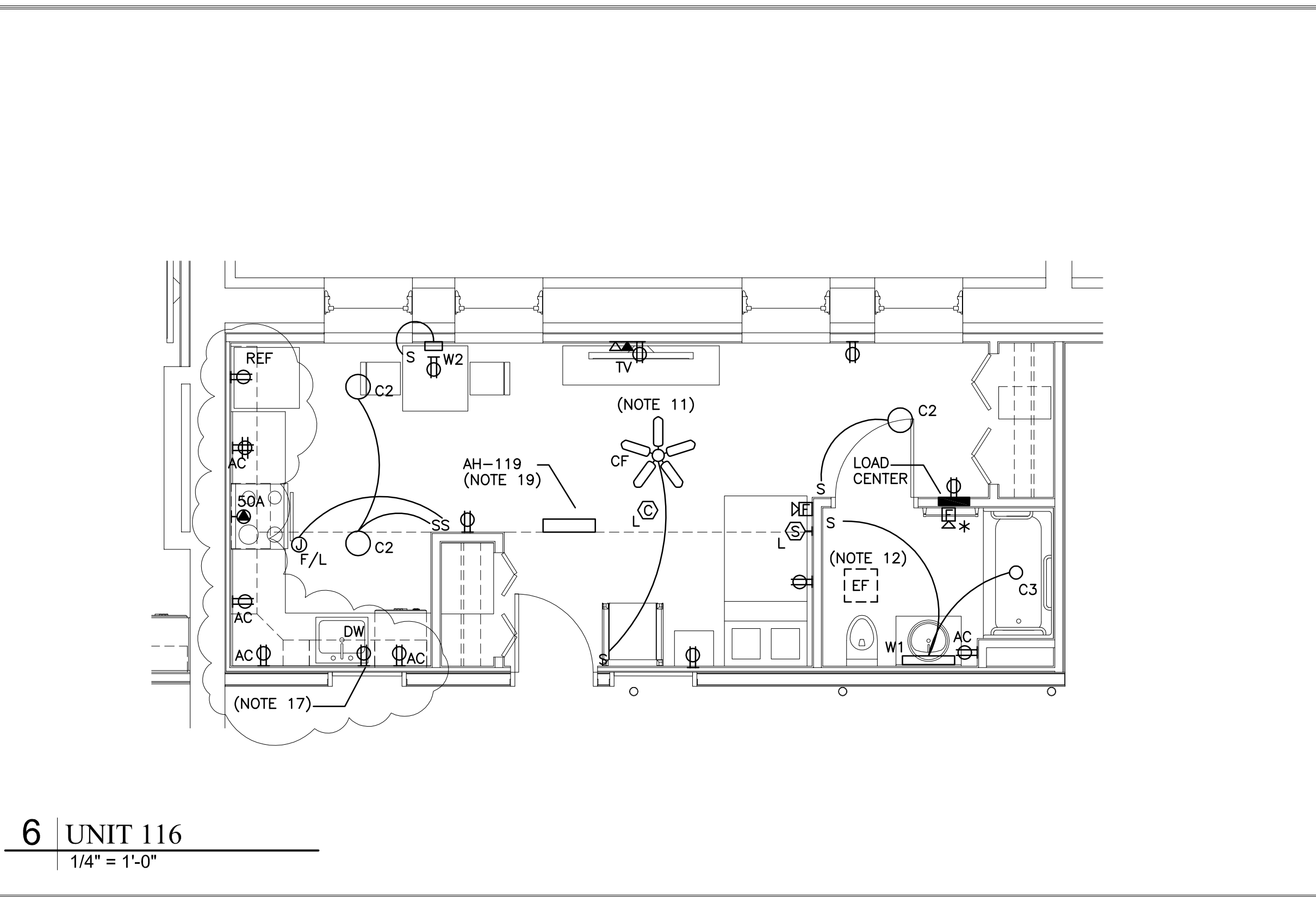
E3.01



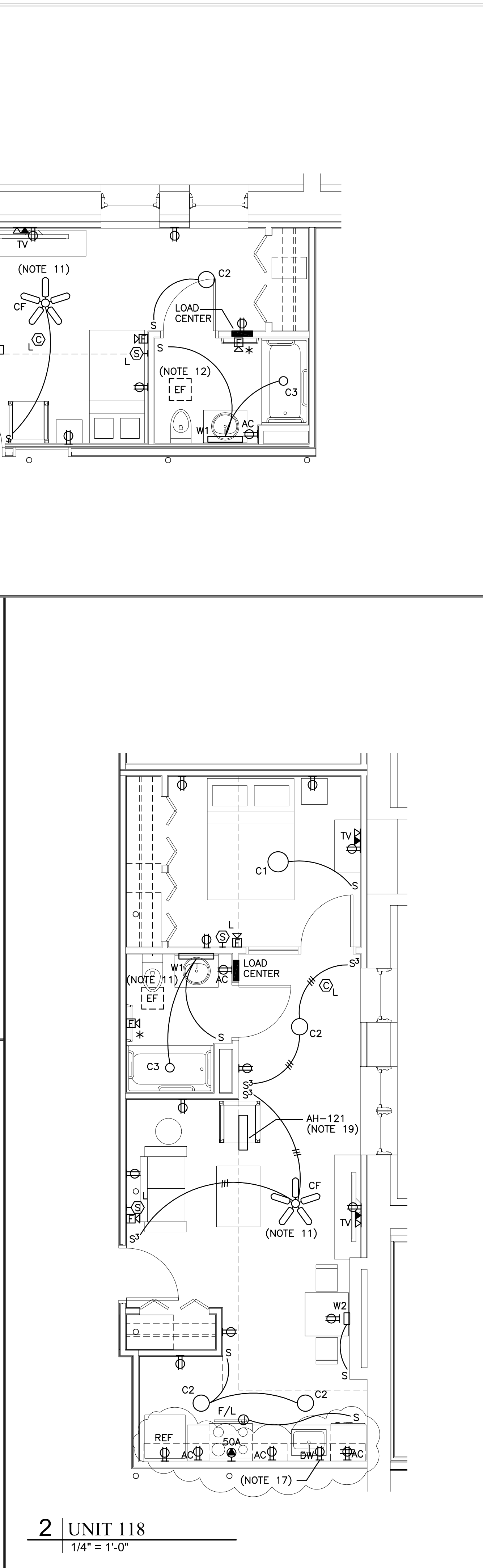
5 UNIT 121
1/4" = 1'-0"



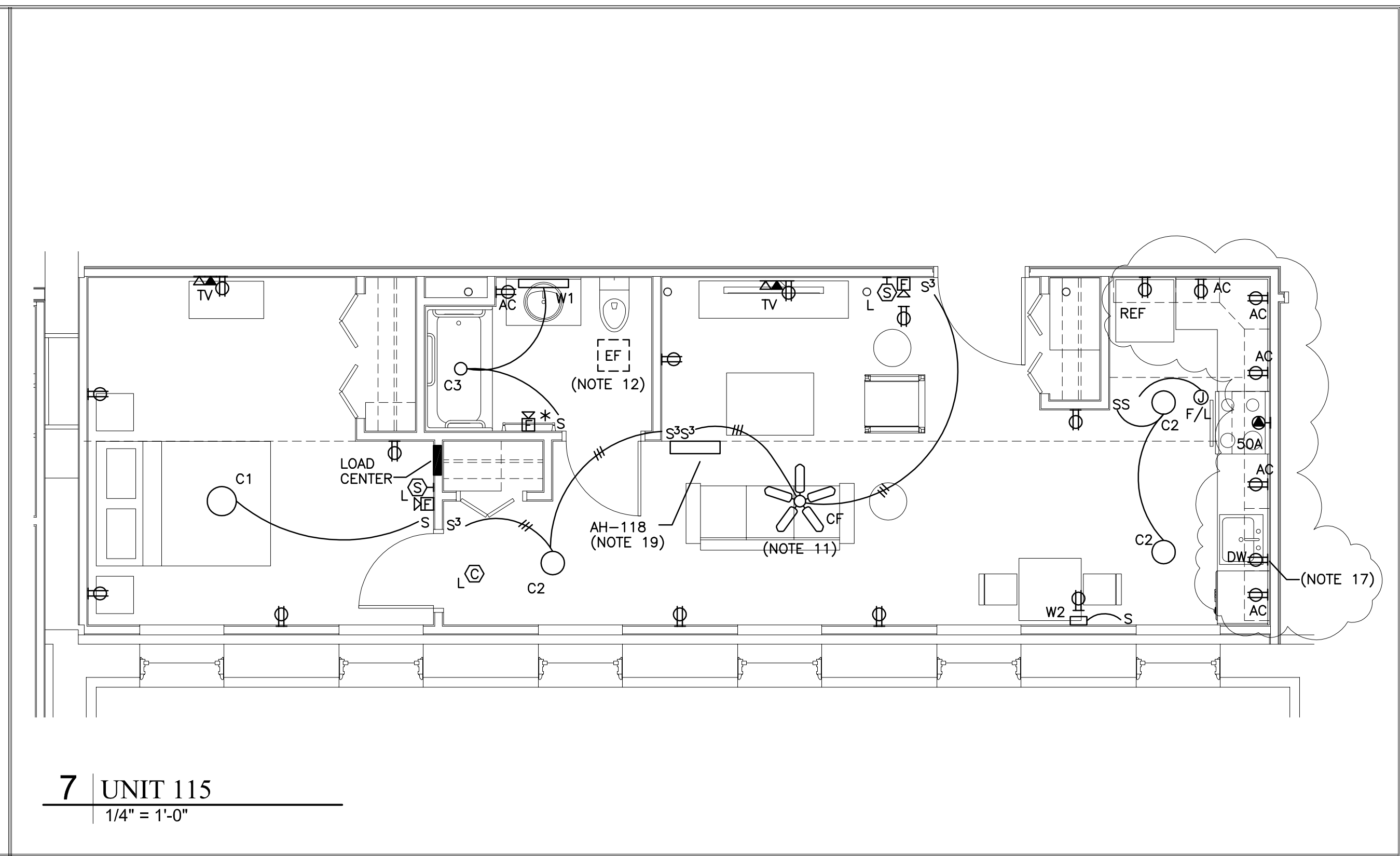
1 UNIT 117
1/4" = 1'-0"



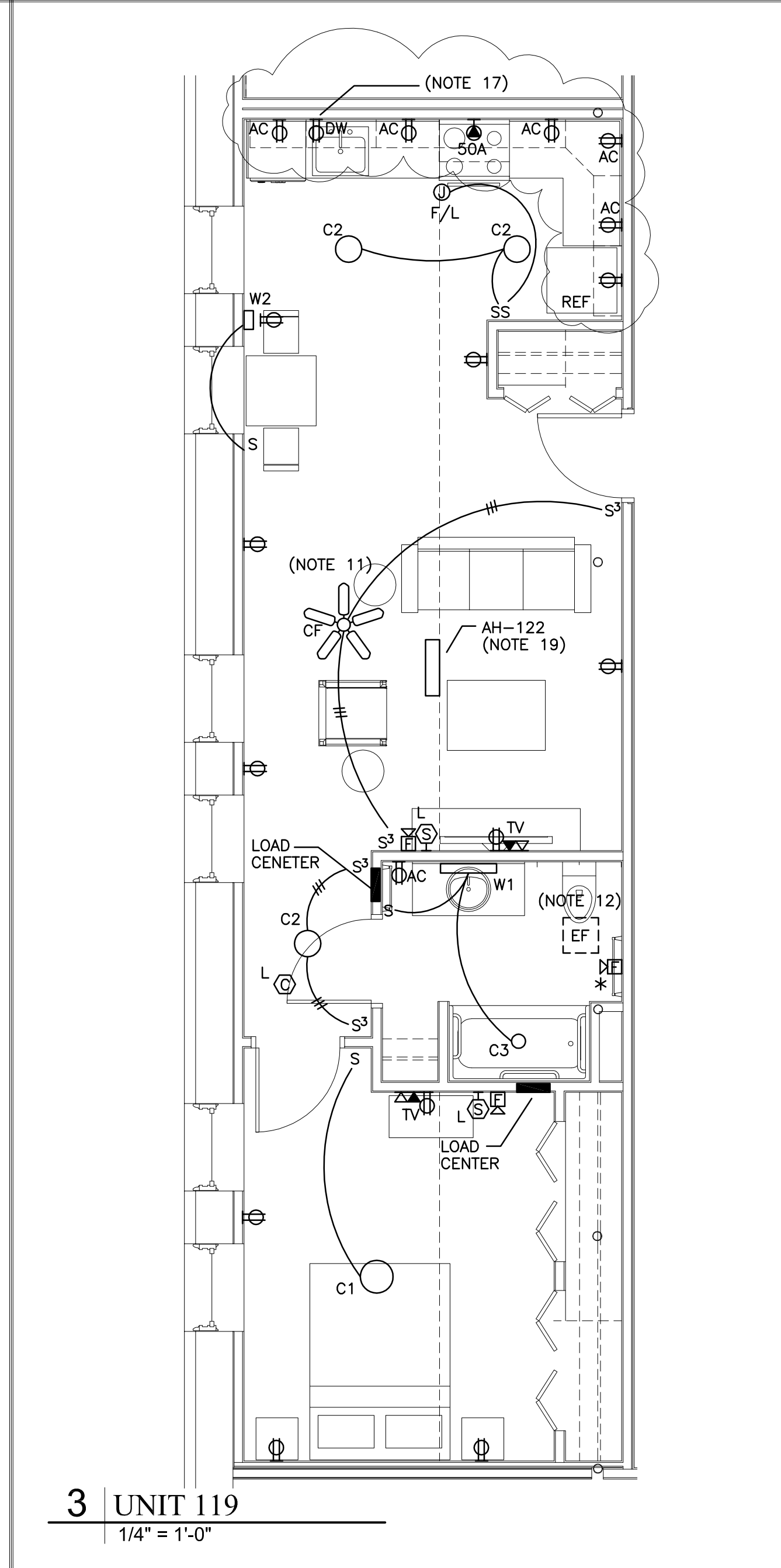
6 UNIT 116
1/4" = 1'-0"



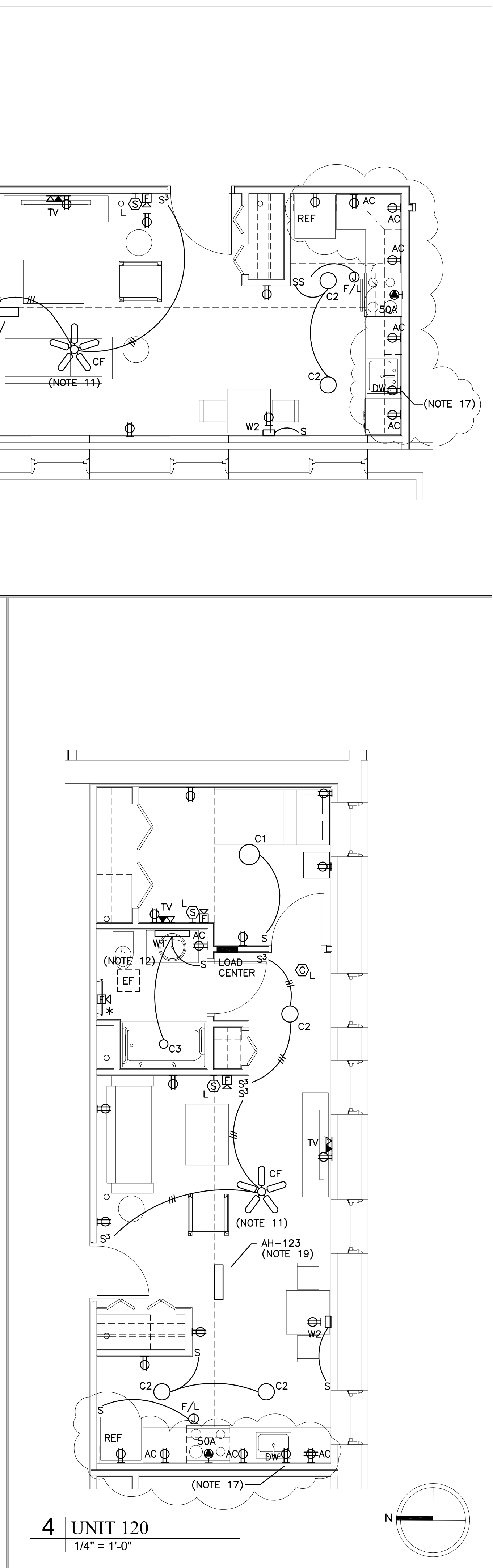
2 UNIT 118
1/4" = 1'-0"



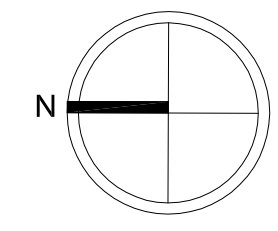
7 UNIT 115
1/4" = 1'-0"



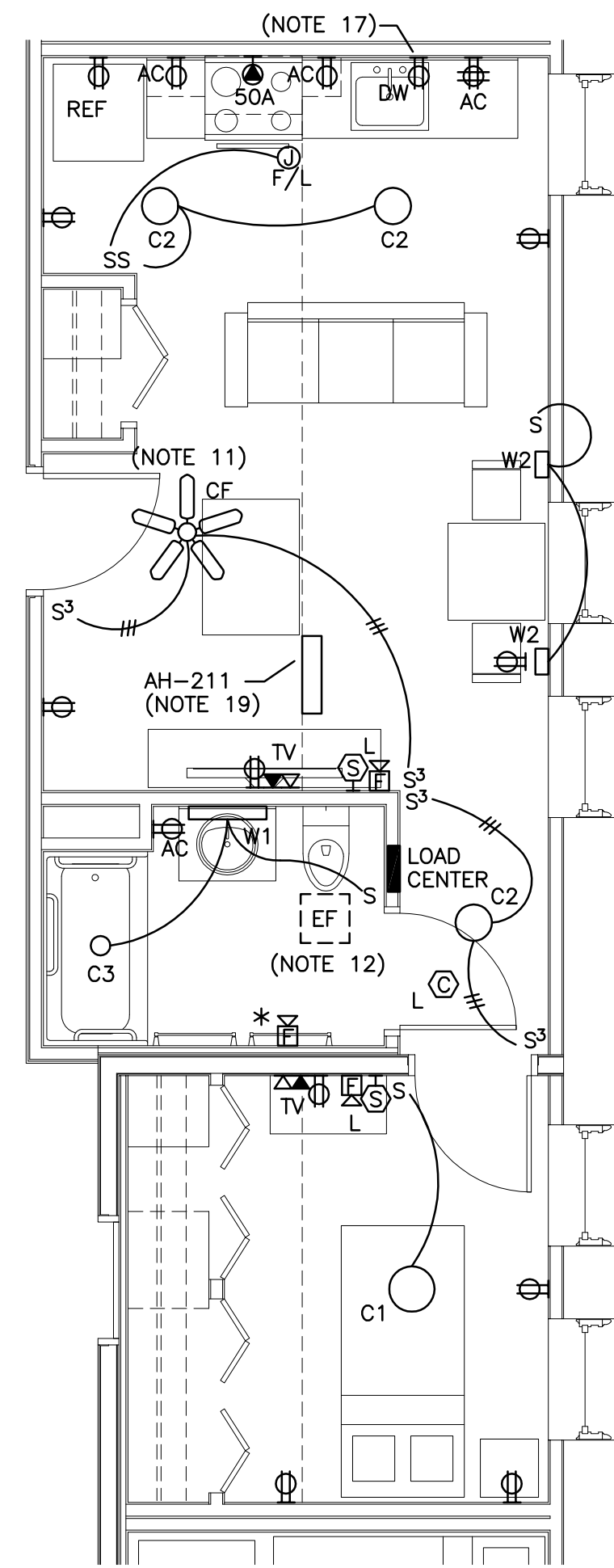
3 UNIT 119
1/4" = 1'-0"



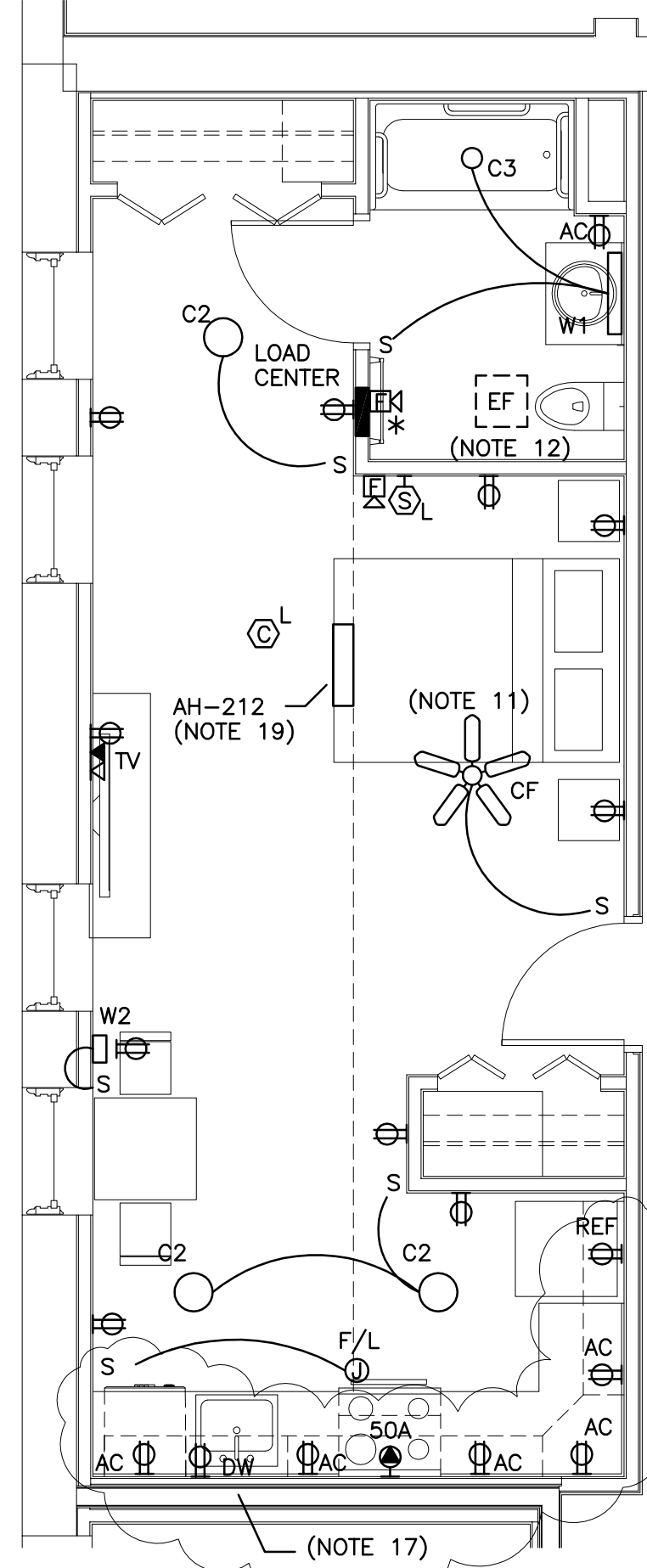
4 UNIT 120
1/4" = 1'-0"



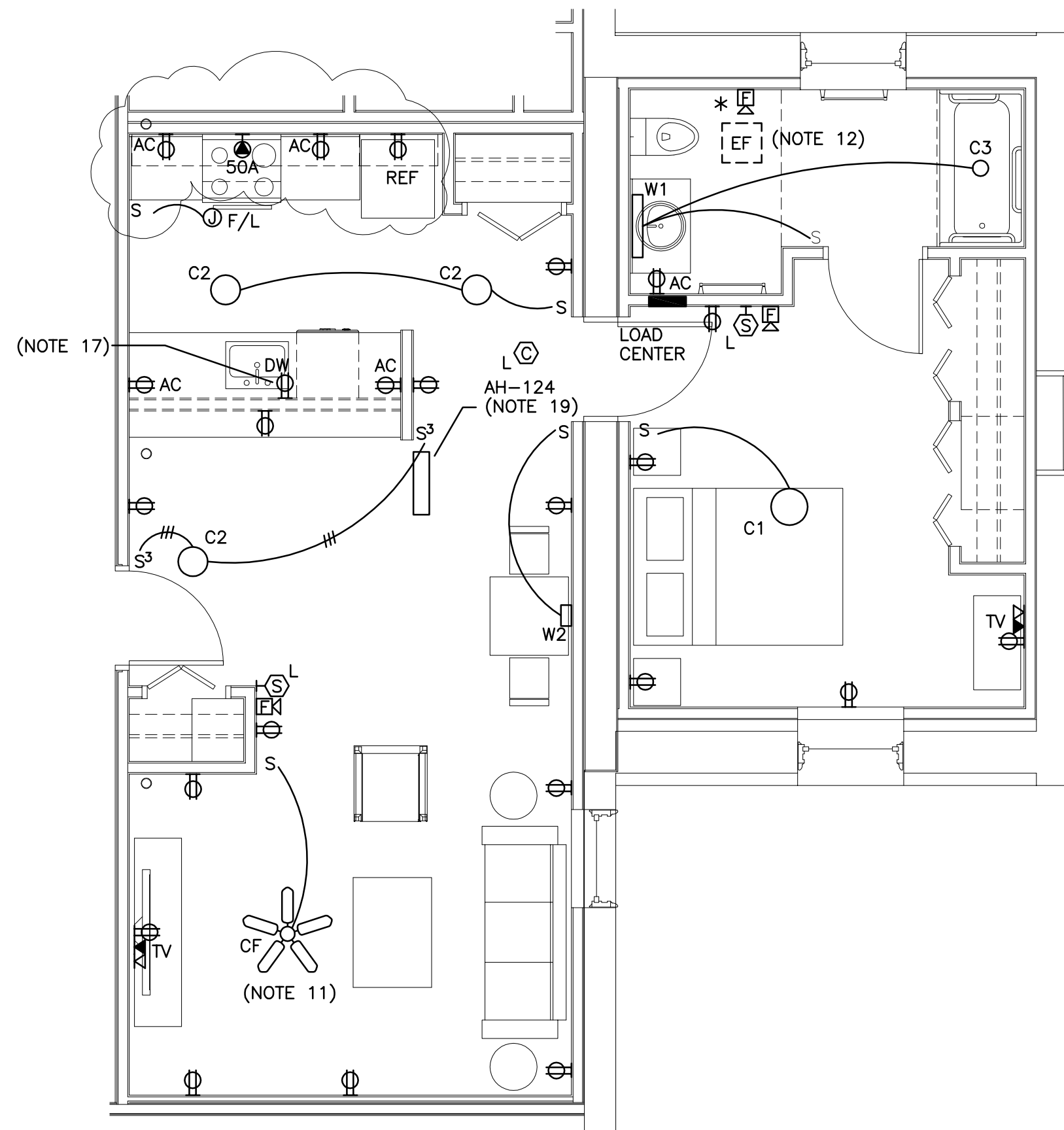
<p>Prepared For: MOTHERHOUSE LLC</p> <p>Consultant: Bartlett Design LIGHTING & ELECTRICAL ENGINEERING 842 WASHINGTON STREET, BALTIMORE, MD 21201 TEL: (410) 443-4477 FAX: (410) 443-9560</p>
<p>Architect: MOTHERHOUSE SENIOR HOUSING 605 STEVENS AVENUE PORTLAND, MAINE 04103</p>
<p>Project: MOTHERHOUSE SENIOR HOUSING 605 STEVENS AVENUE PORTLAND, MAINE 04103</p>
<p>Revisions: 02/15/16 MSHA 90% REVIEW 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW 10/07/16 FINAL BID SET 01/09/17 LIGHTING REVISIONS 03/01/17 ISSUED FOR CONSTRUCTION</p>
<p>Date: FEB 15, 2016 Scale: 1/4" = 1'-0" UNIT PLANS UNITS 115, 116, 117, 118, 119, 120 & 121</p>
<p>E3.02</p>



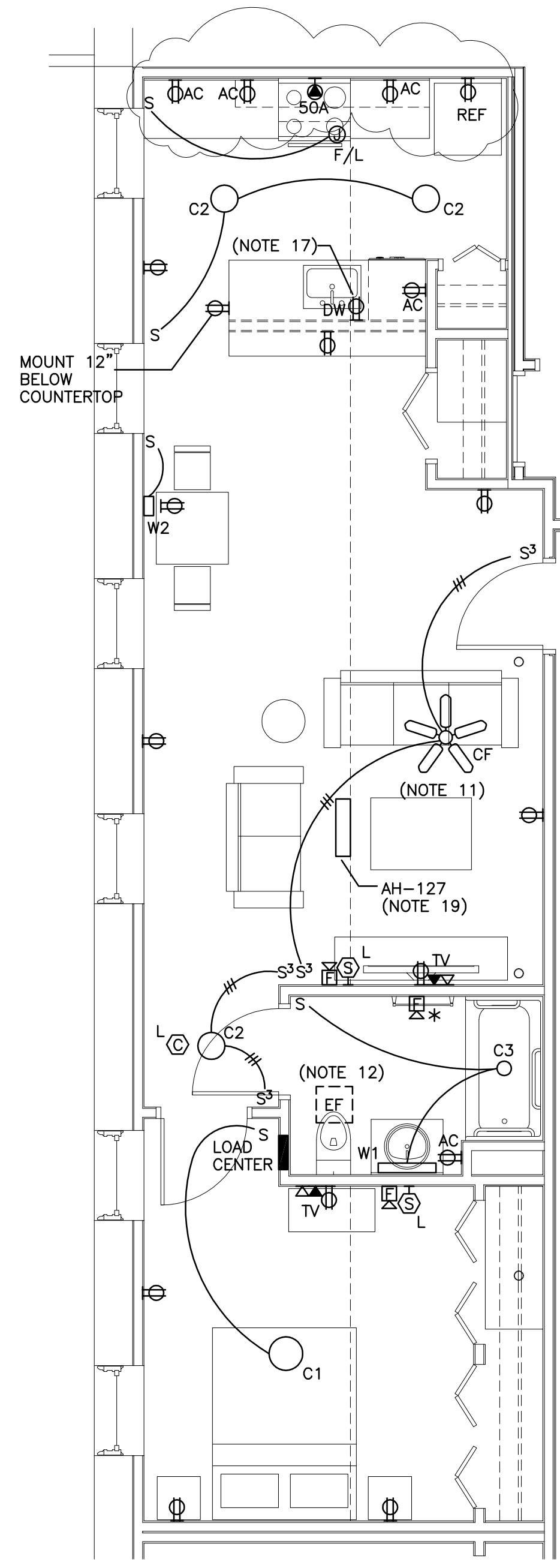
7 UNIT 203
1/4" = 1'-0"



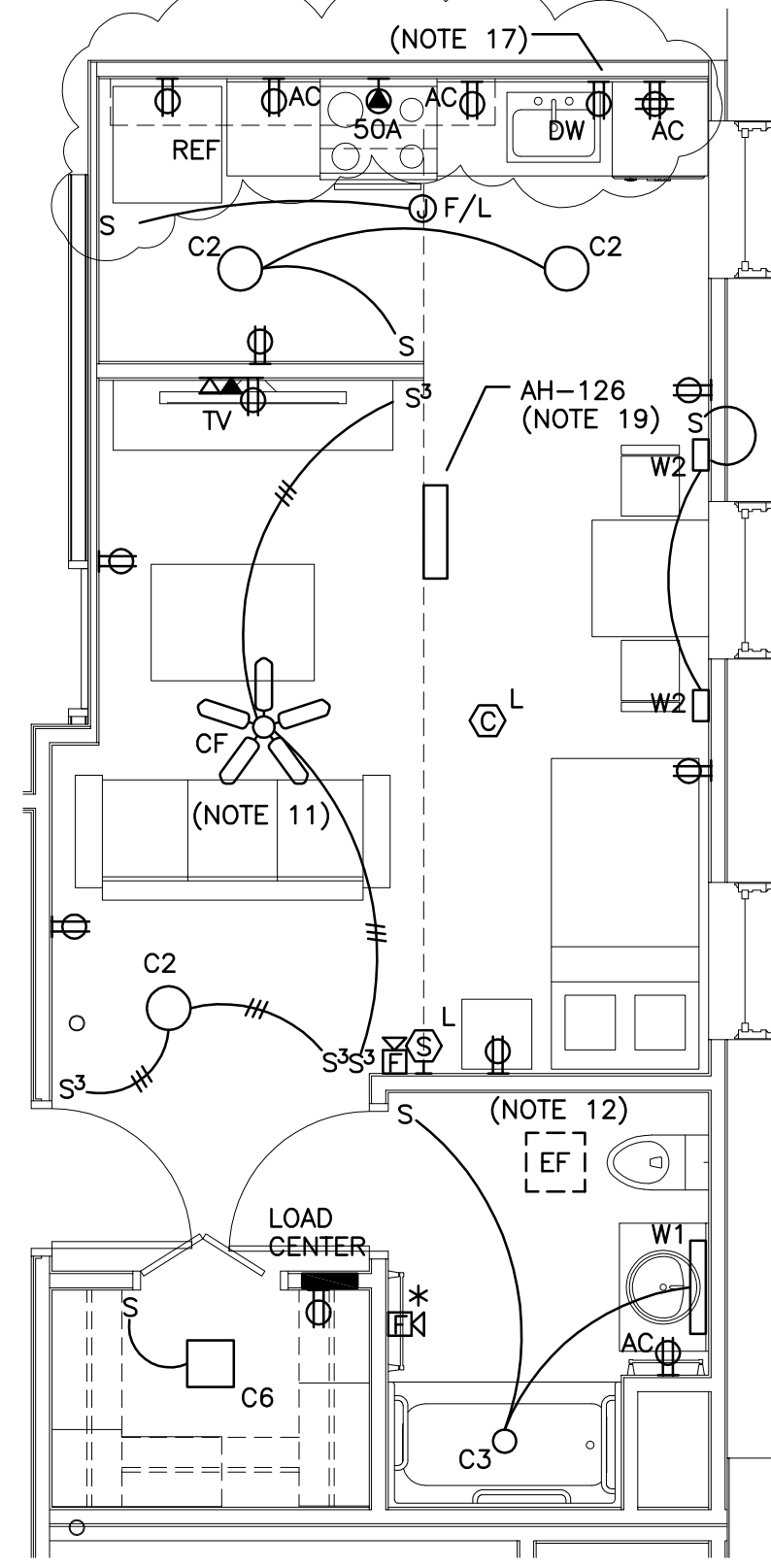
8 UNIT 204
1/4" = 1'-0"



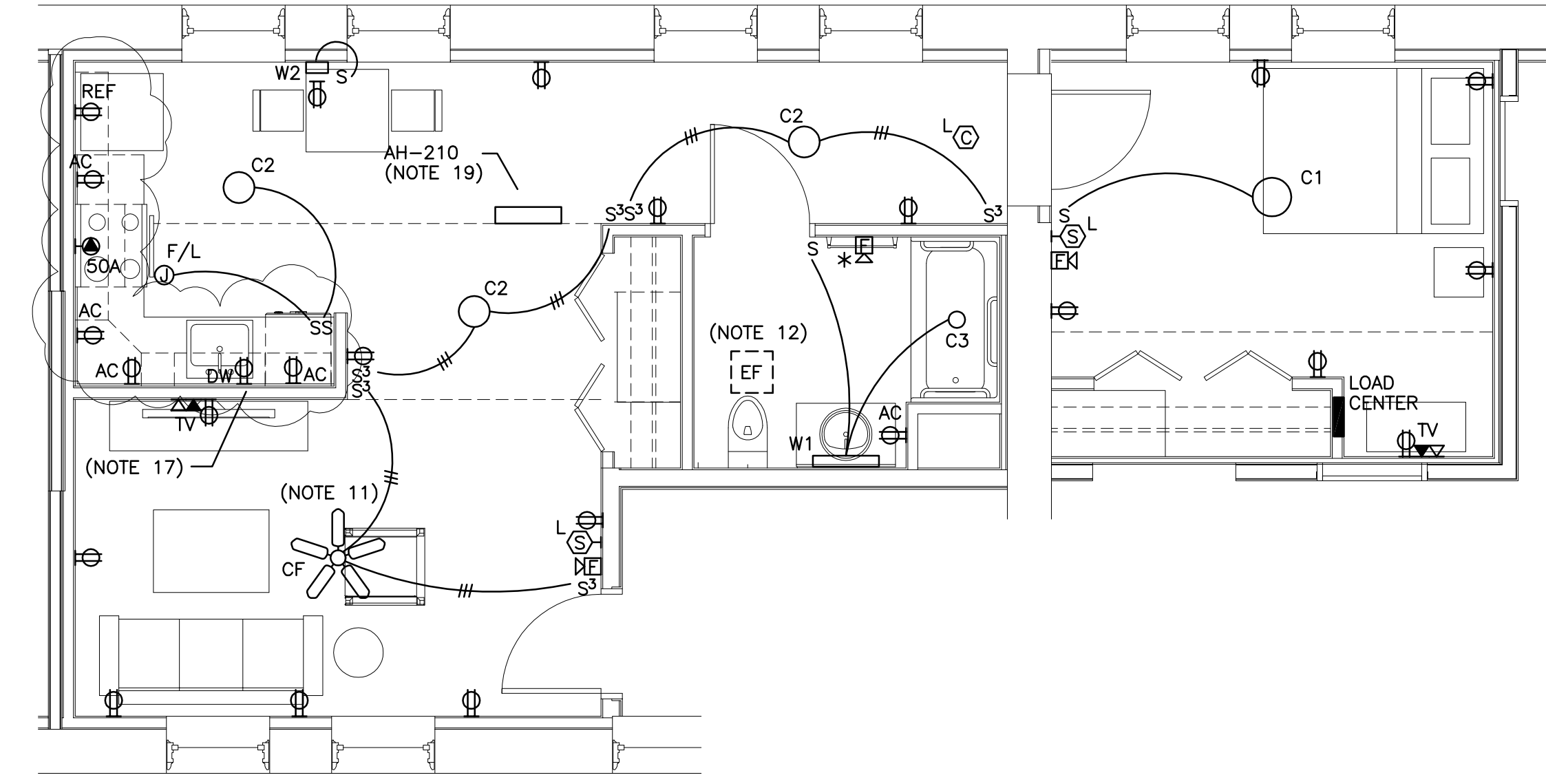
1 UNIT 122
1/4" = 1'-0"



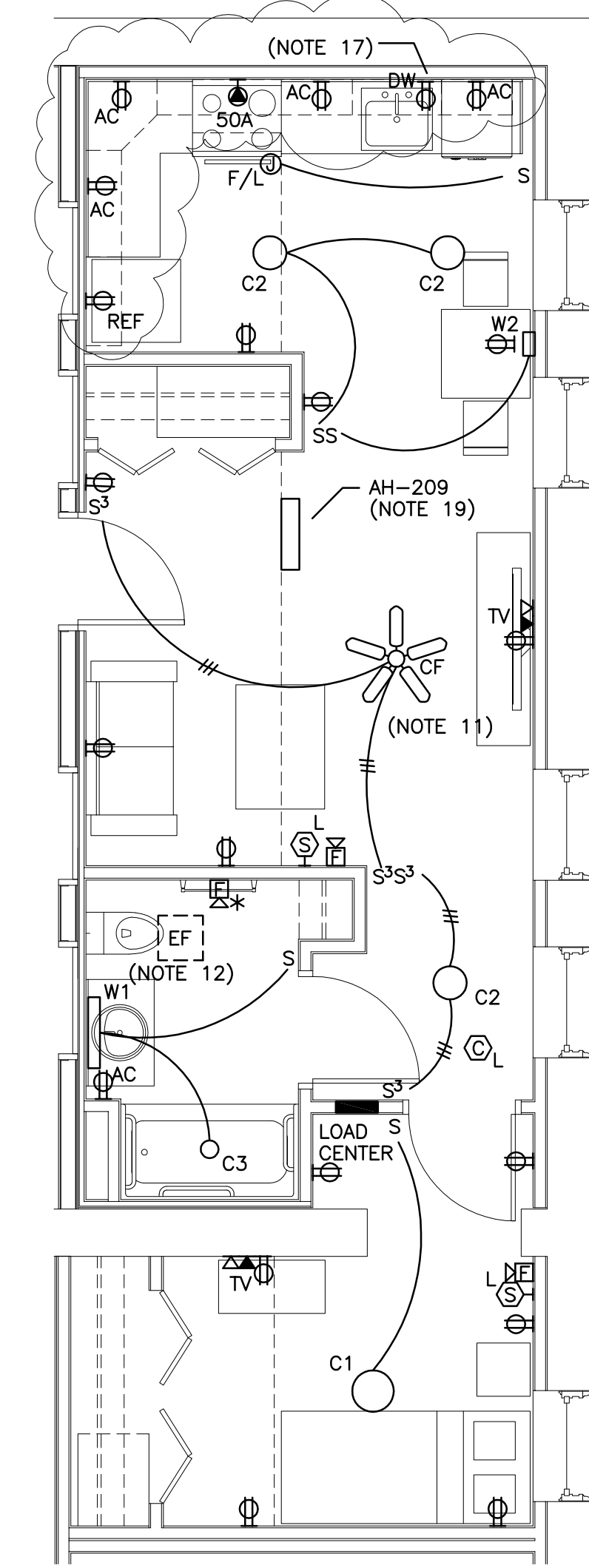
2 UNIT 123
1/4" = 1'-0"



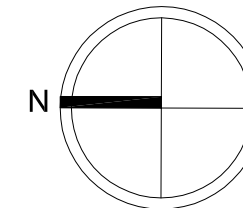
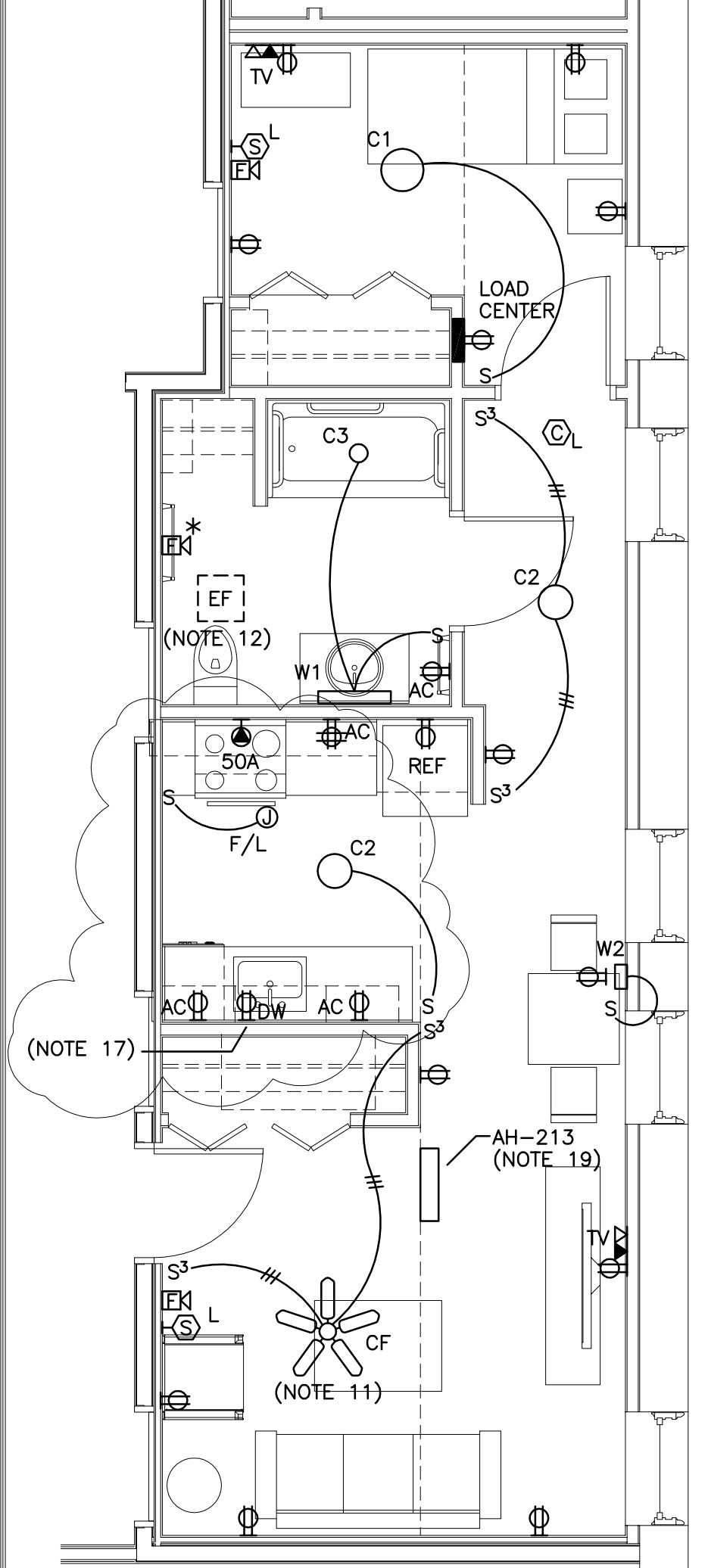
3 UNIT 124
1/4" = 1'-0"



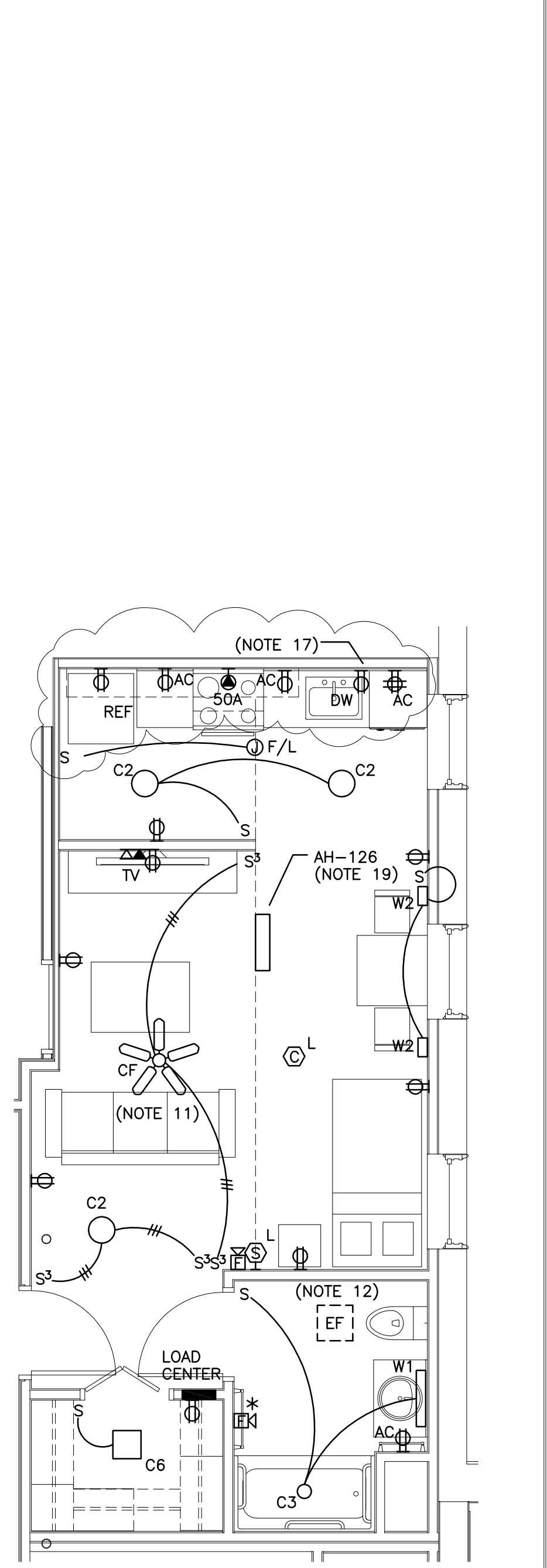
4 UNIT 201
1/4" = 1'-0"



5 UNIT 205
1/4" = 1'-0"



9 UNIT 202
1/4" = 1'-0"



3 UNIT 124
1/4" = 1'-0"

Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
842 WASHINGTON STREET, BATE, ME 04201
TEL (207) 443-8447 FAX (207) 443-8500

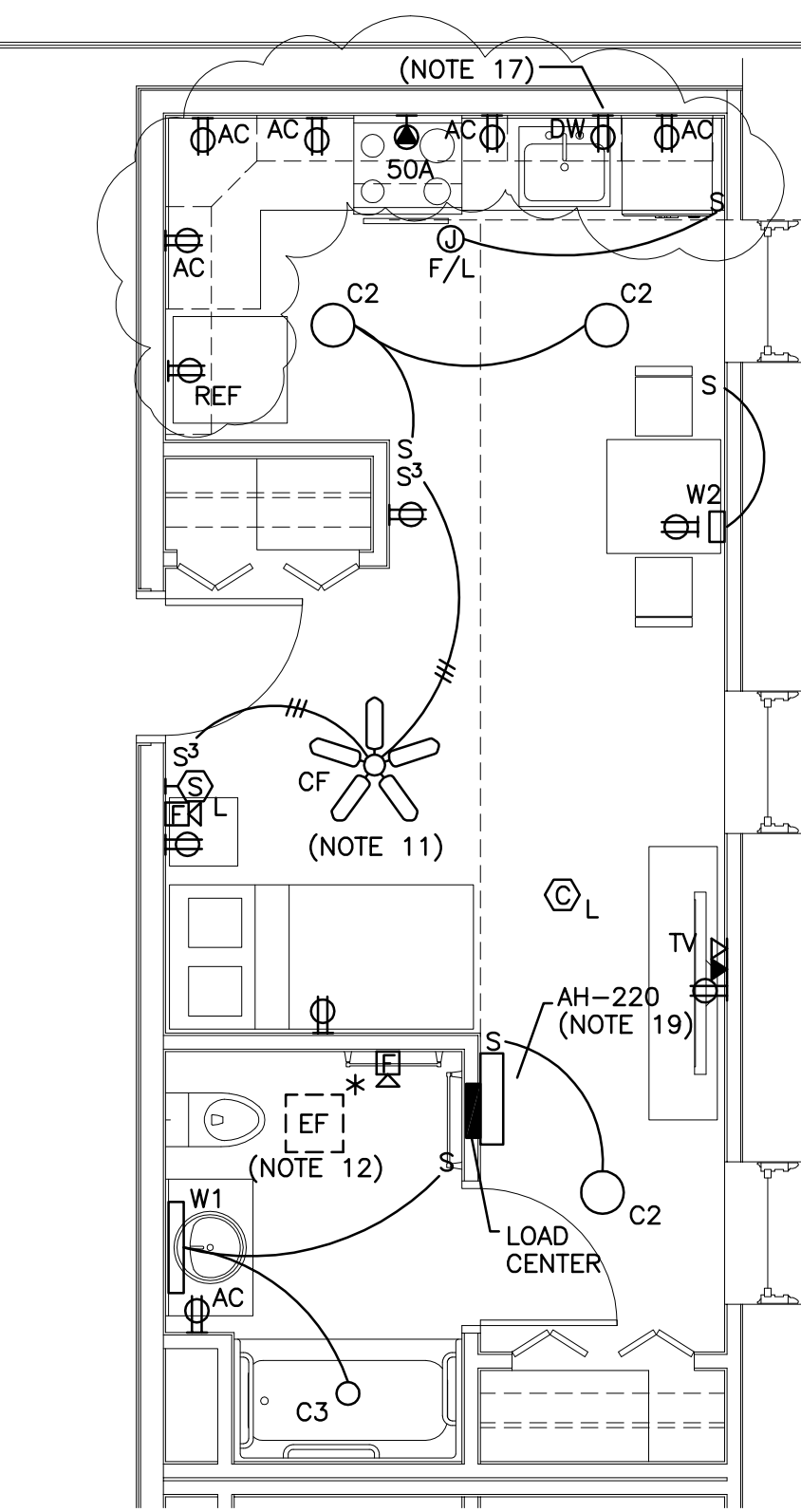
Architect:
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

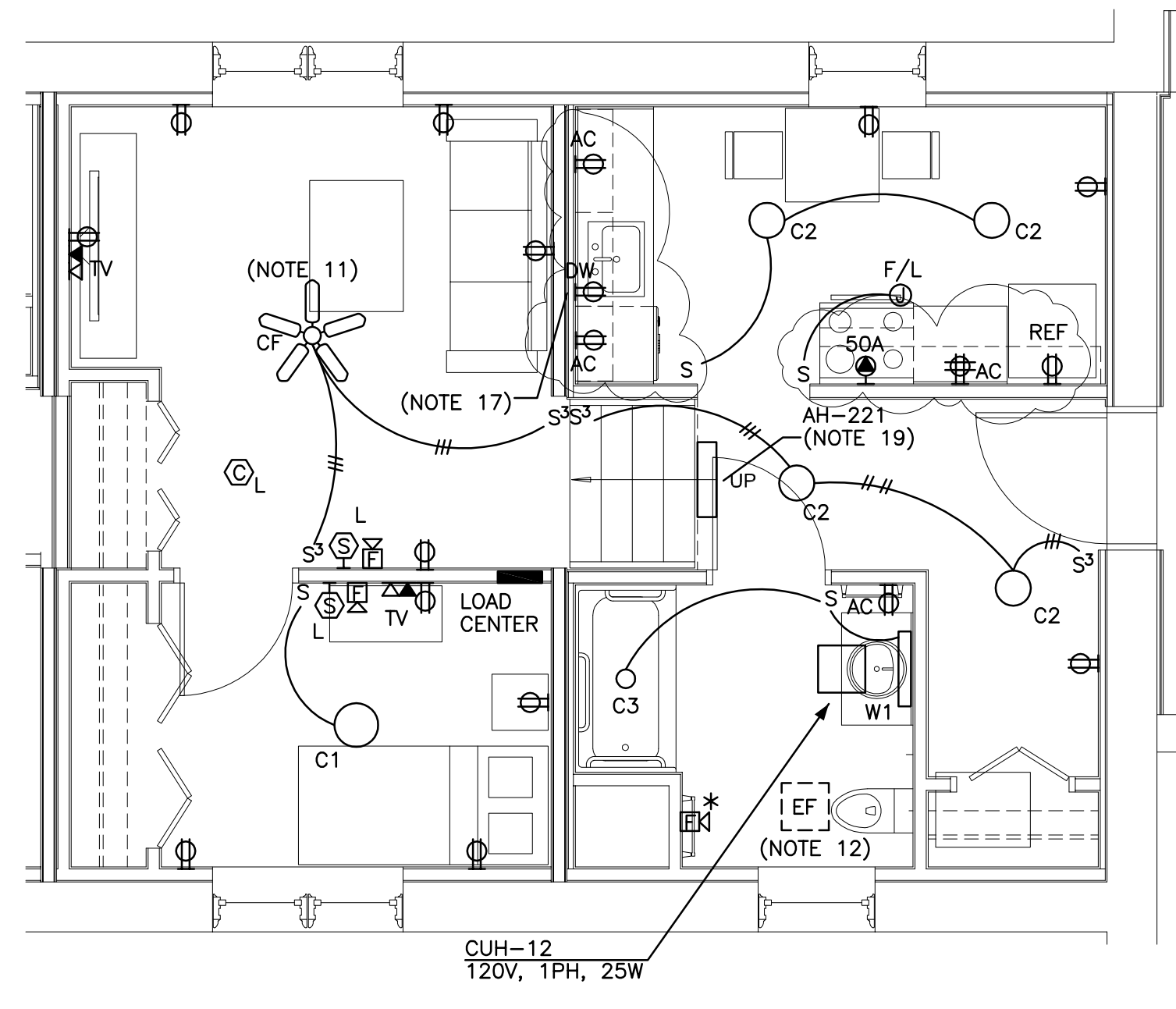
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 122, 123, 124, 201,
202, 203, 204 & 205

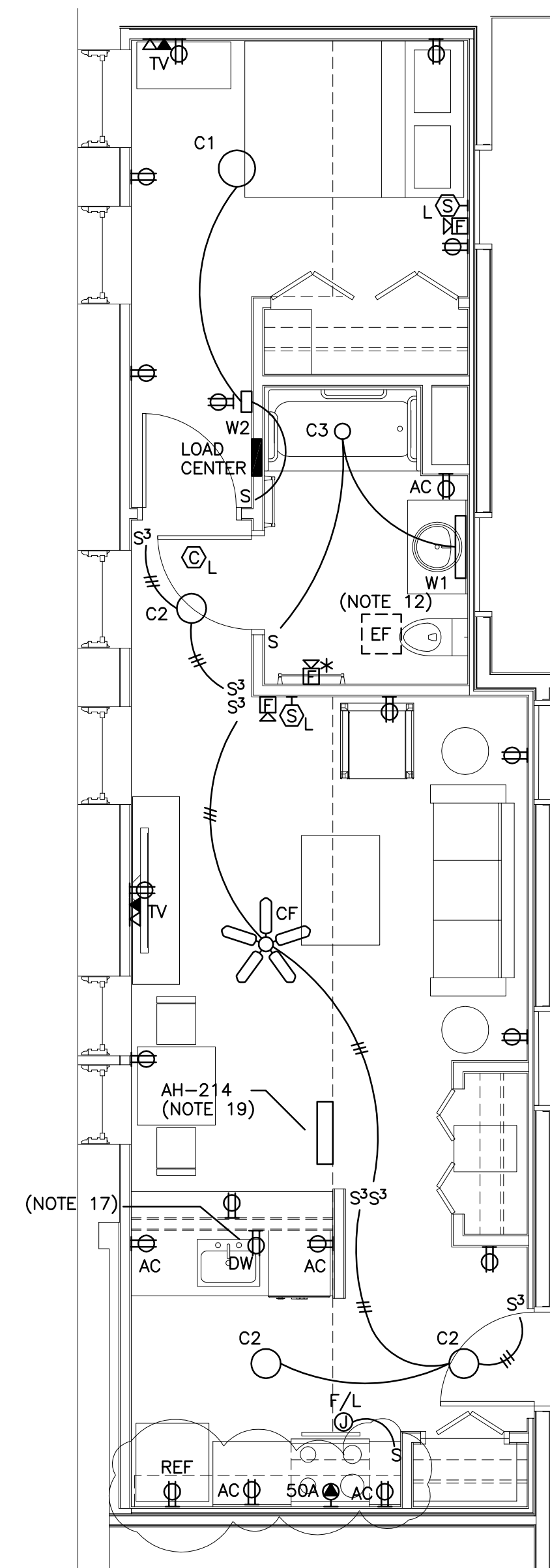
E3.03



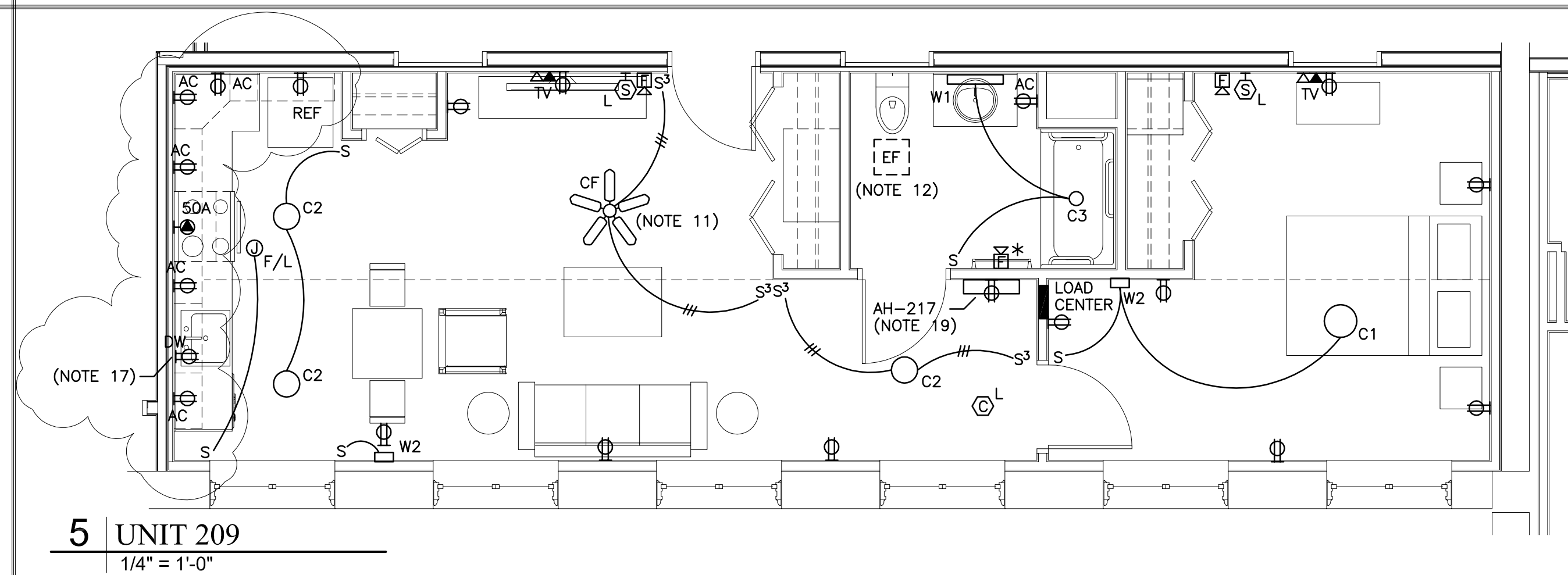
7 UNIT 212
1/4" = 1'-0"



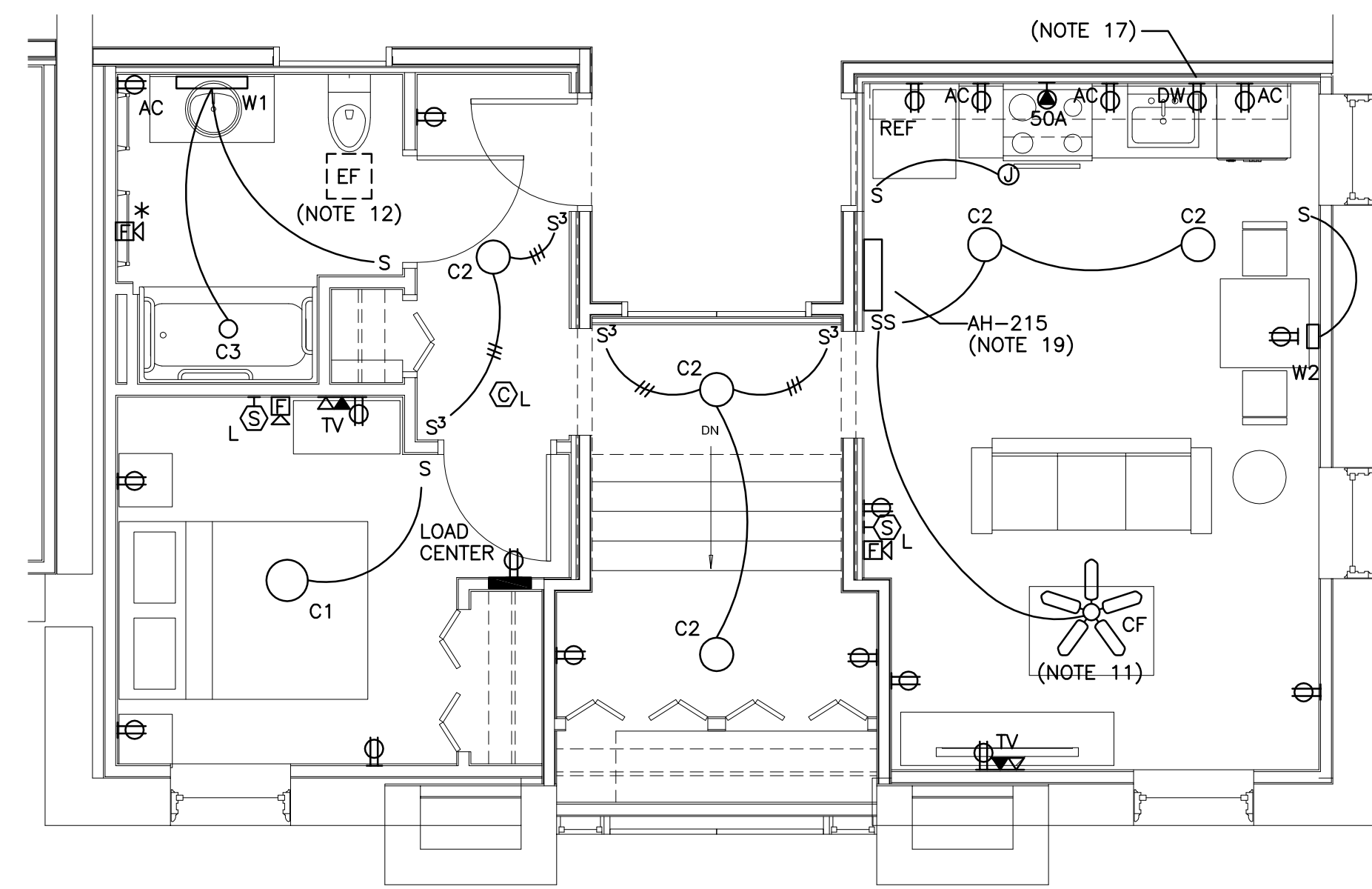
8 UNIT 213
1/4" = 1'-0"



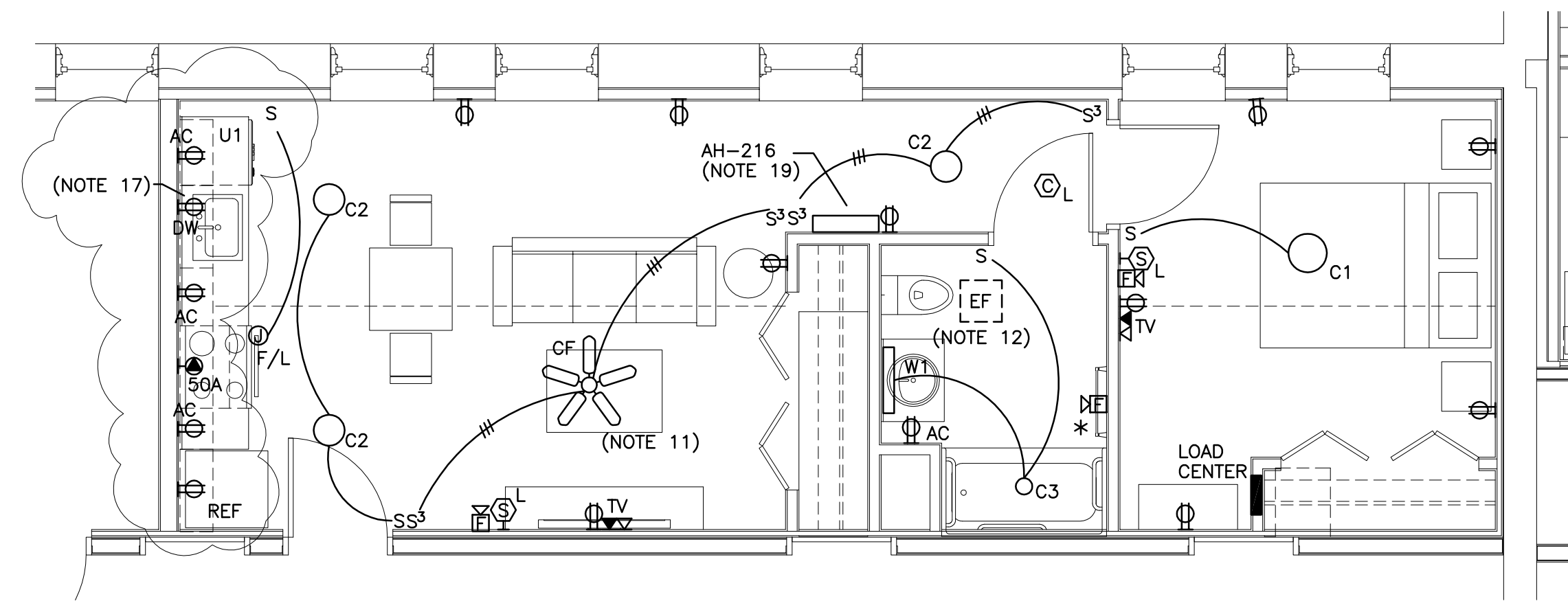
1 UNIT 206
1/4" = 1'-0"



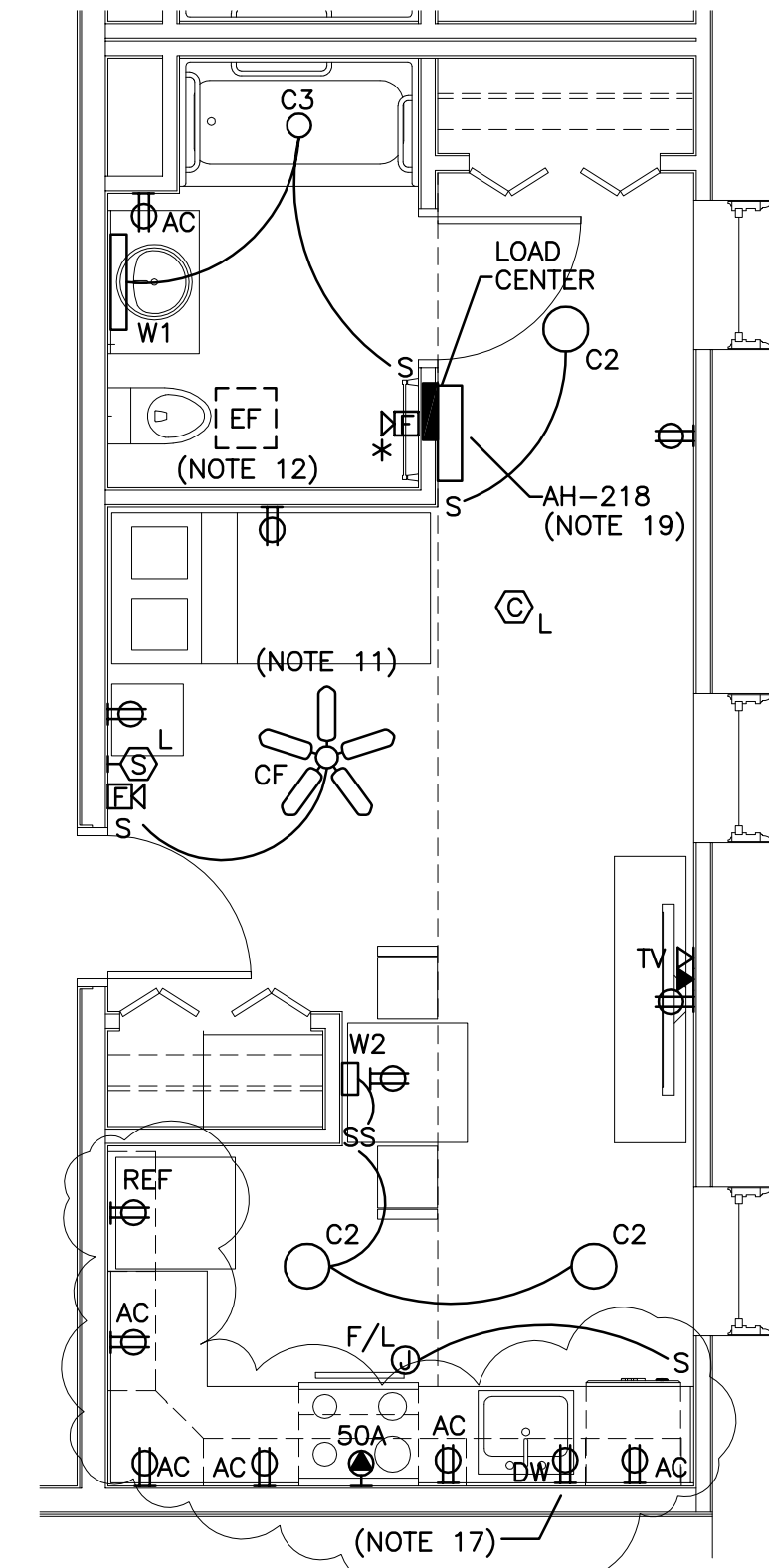
5 UNIT 209
1/4" = 1'-0"



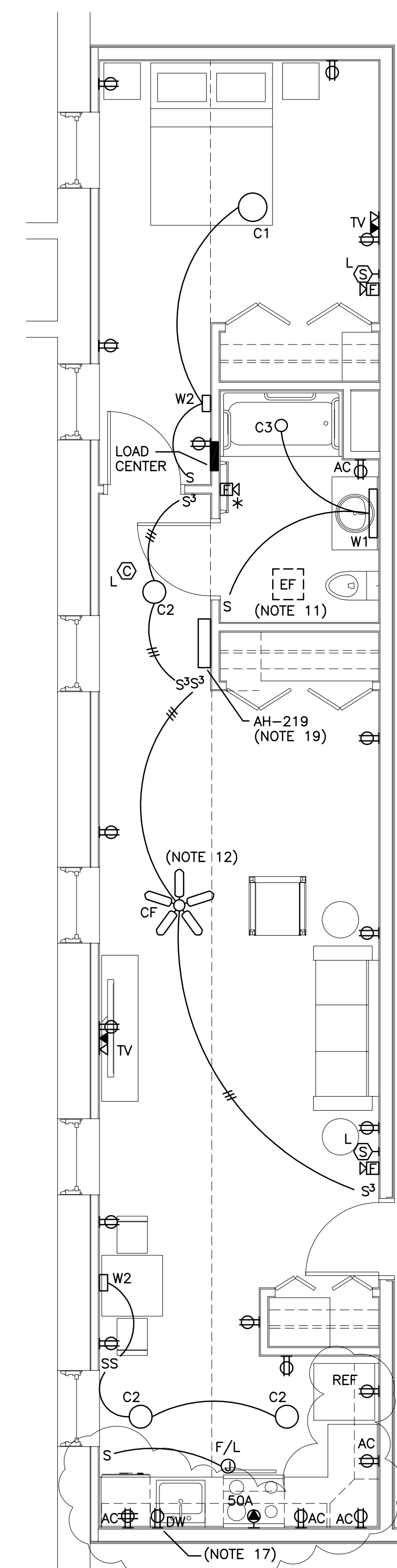
2 UNIT 207
1/4" = 1'-0"



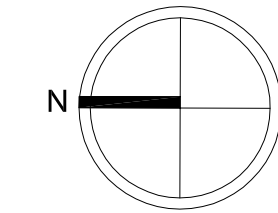
3 UNIT 208
1/4" = 1'-0"



6 UNIT 210
1/4" = 1'-0"



4 UNIT 211
1/4" = 1'-0"



Prepared For: **MOTHERHOUSE LLC**

Consultant: **Bartlett Design**
ELECTRICAL ENGINEERING
1402 WASHINGTON STREET, BALTIMORE, MD 21202
TEL: (877) 443-4447 FAX: (877) 443-5560

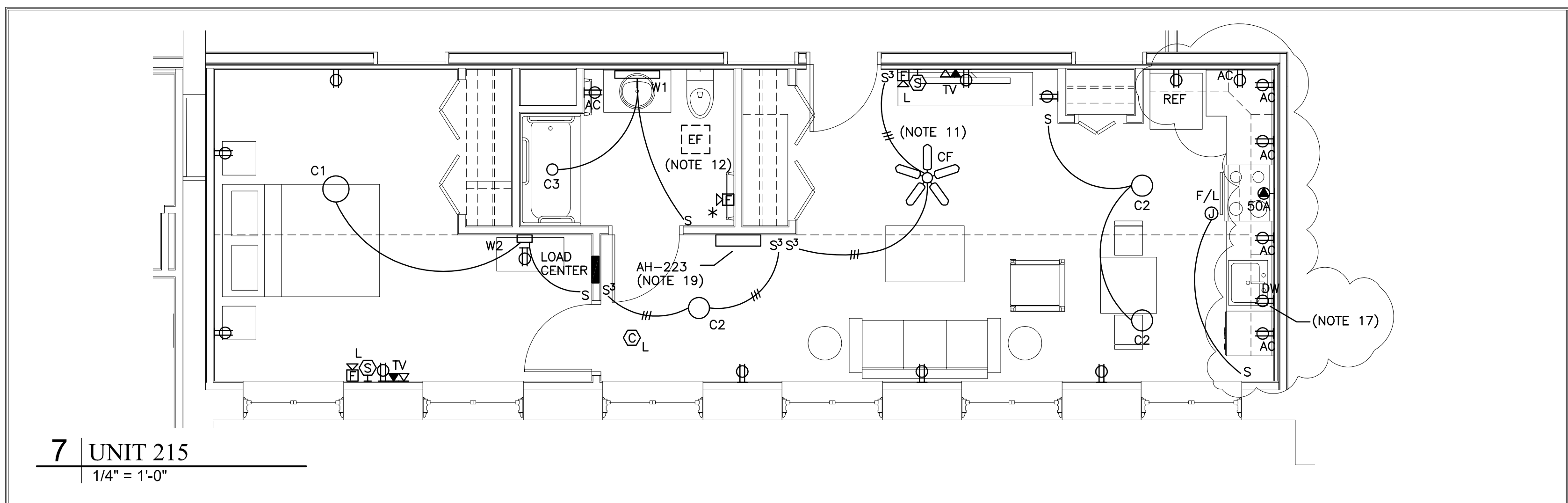
Architect: **MOTHERHOUSE SENIOR HOUSING**
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax: (207) 772-4056

Project: **MOTHERHOUSE SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

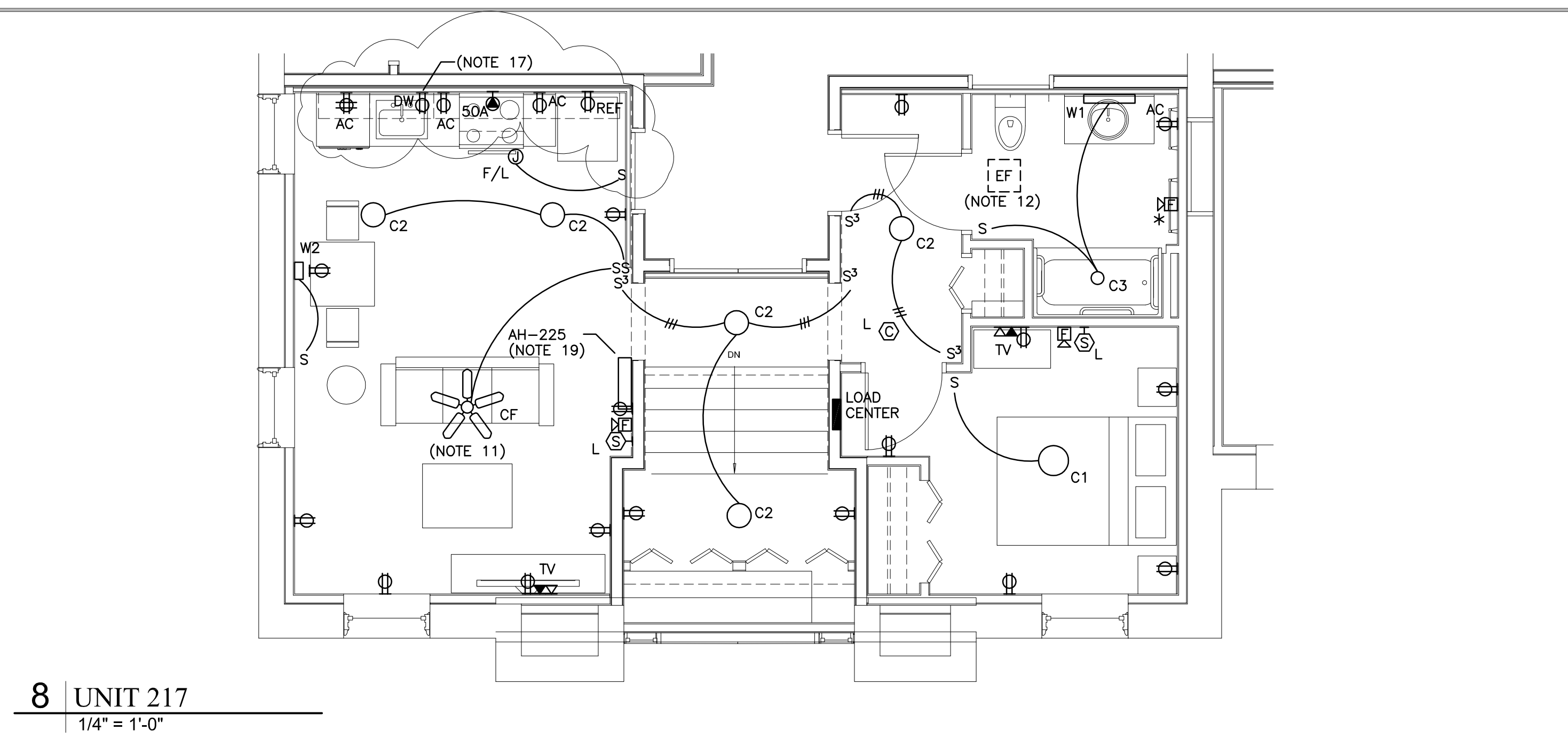
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
10/07/16 FINAL BID SET
03/09/17 LIGHTING REVISIONS FOR CONSTRUCTION

Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 206, 207, 208, 209,
210, 211, 212 & 213

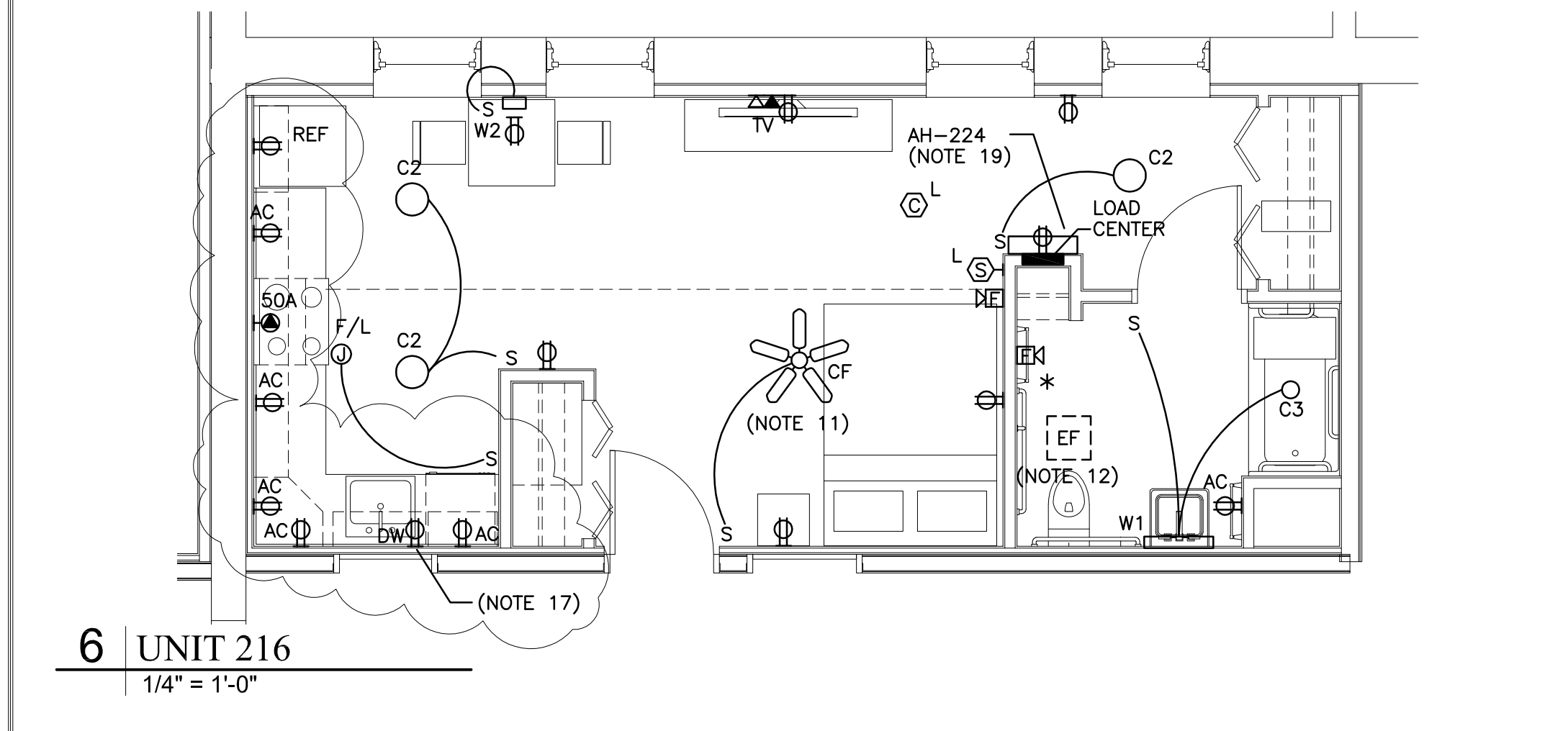
E3.04



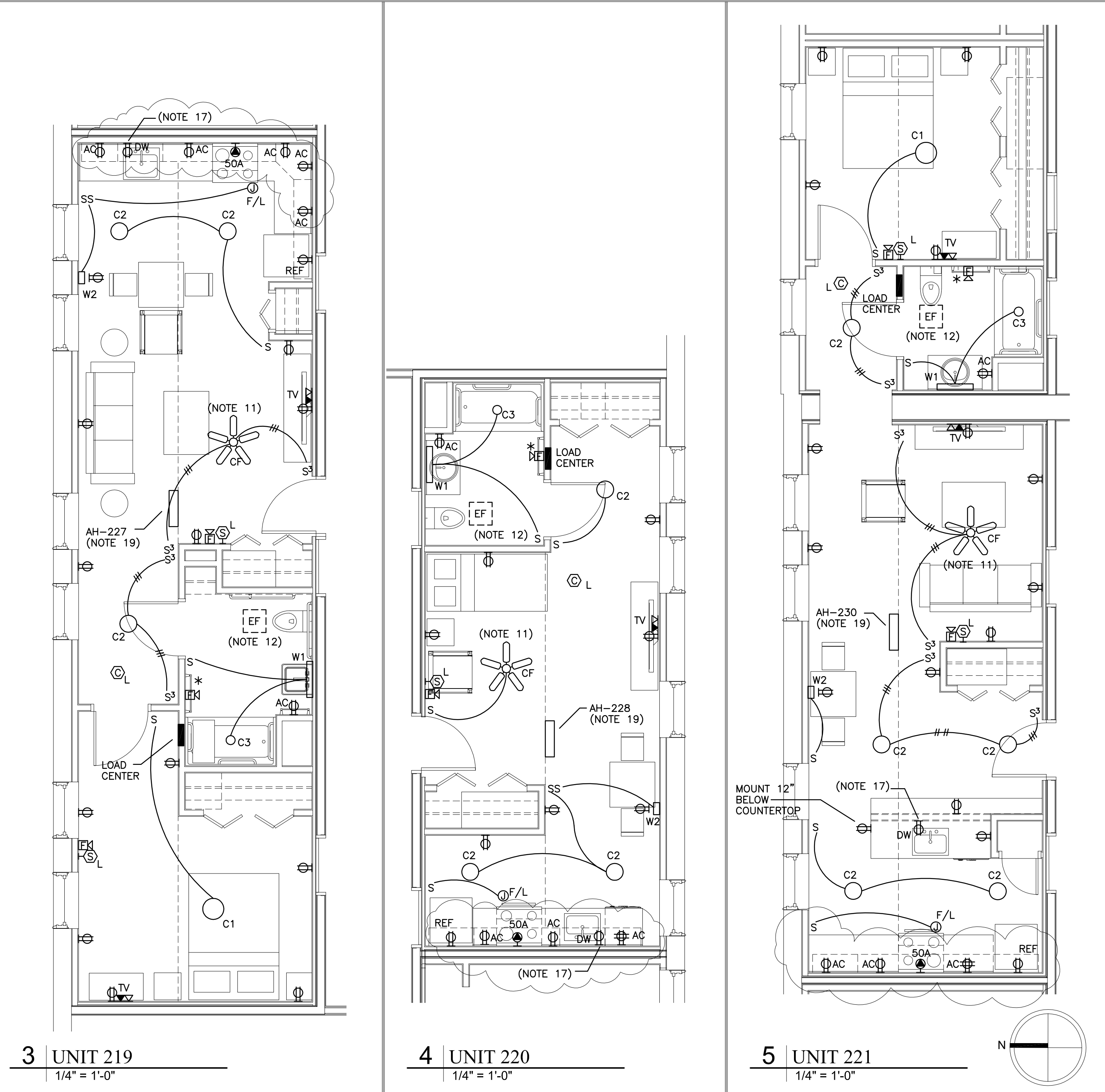
7 | UNIT 215
1/4" = 1'-0"



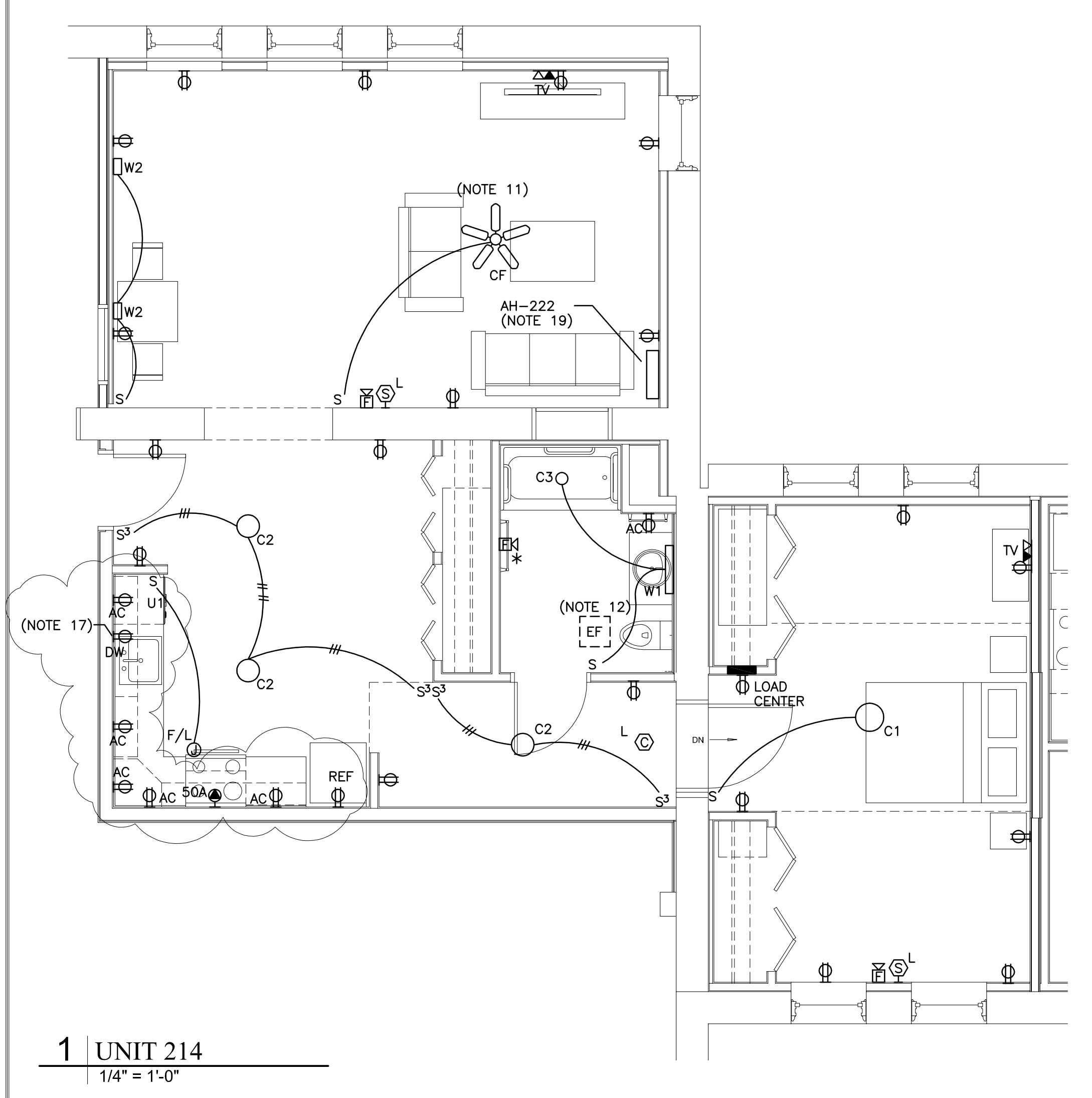
8 | UNIT 217
1/4" = 1'-0"



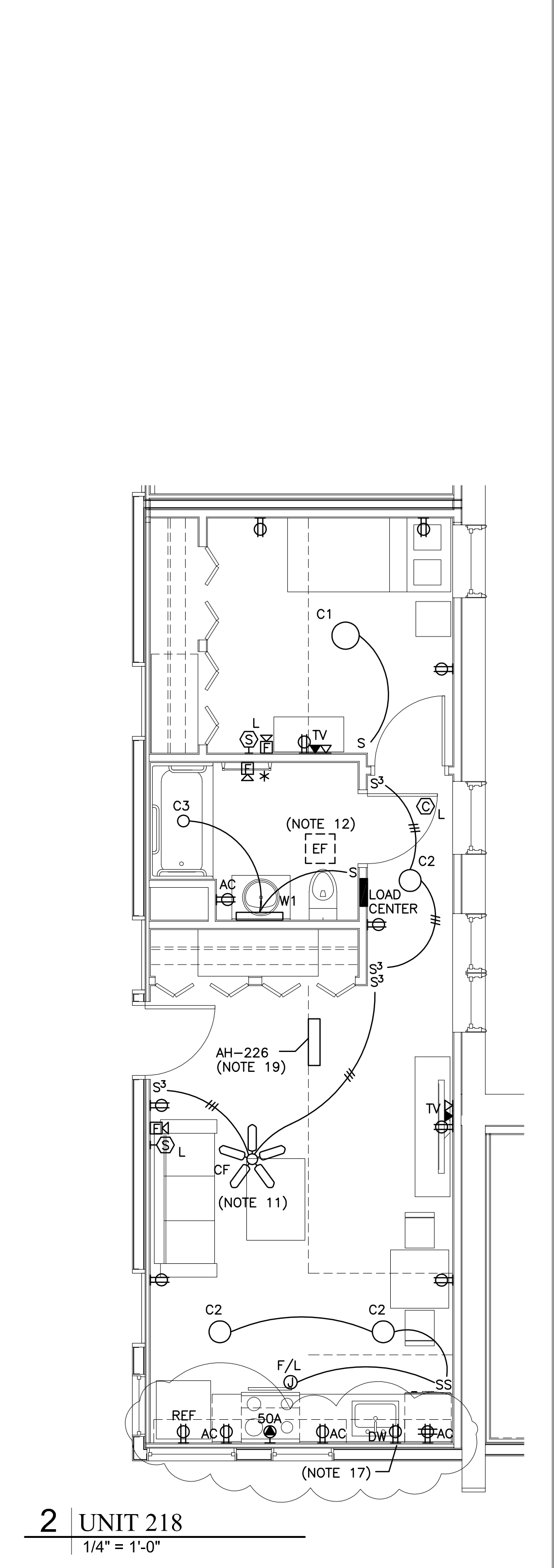
6 | UNIT 216
1/4" = 1'-0"



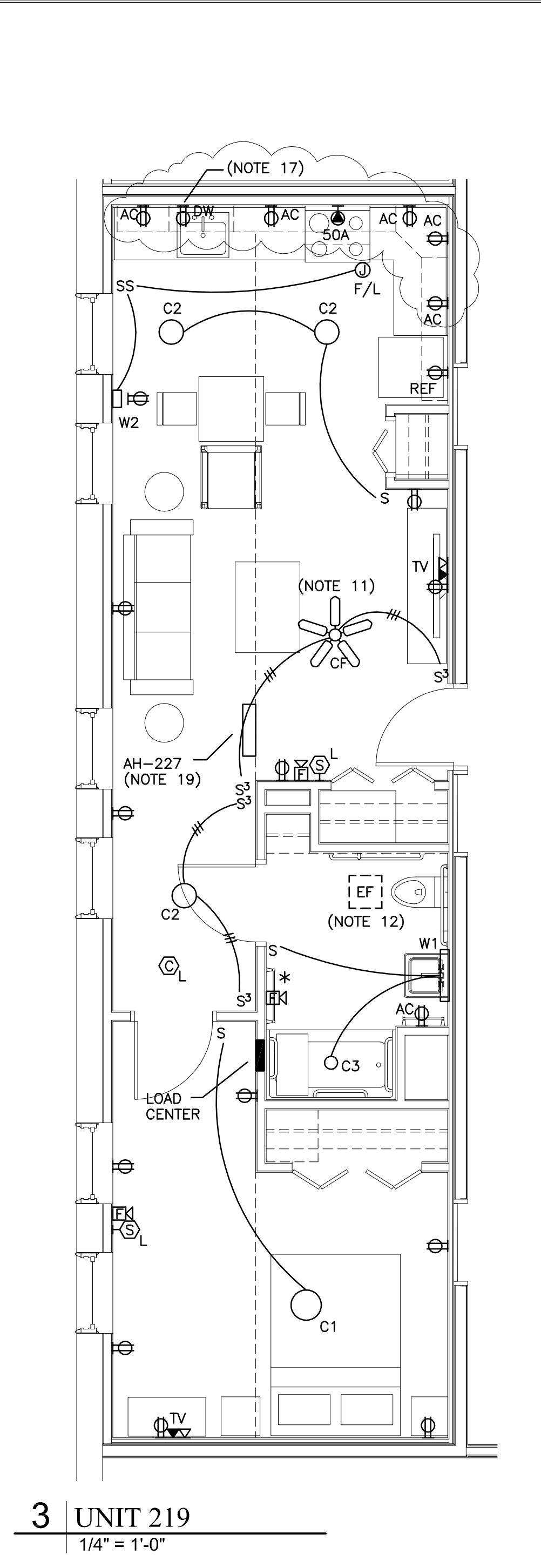
5 | UNIT 221
1/4" = 1'-0"



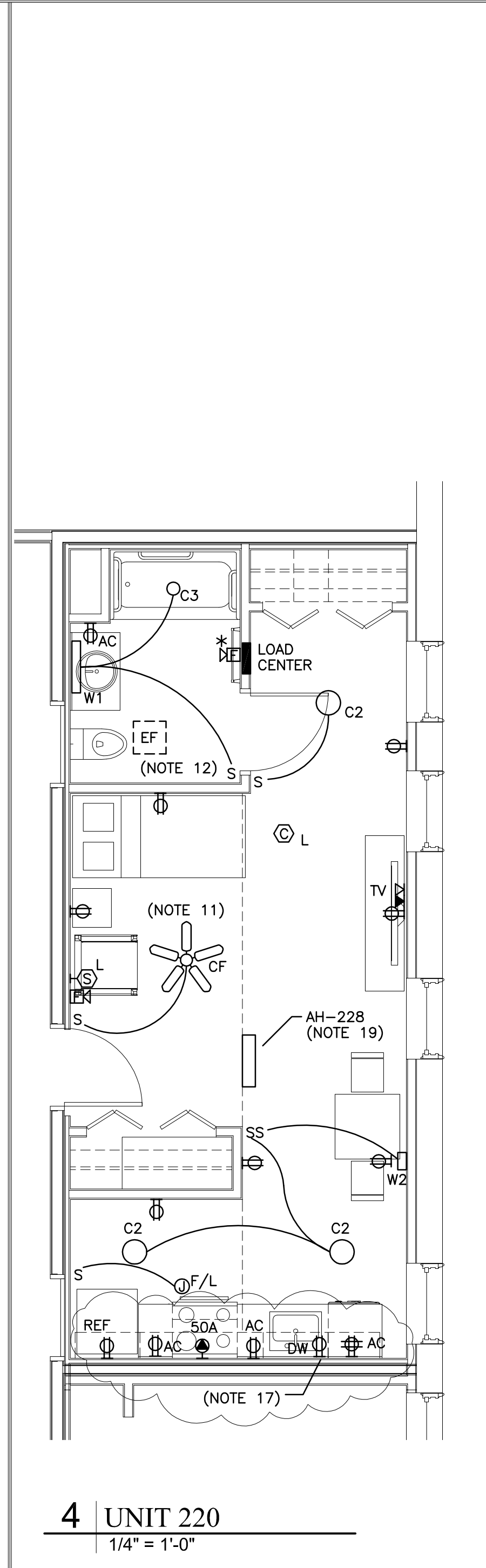
1 | UNIT 214
1/4" = 1'-0"



2 | UNIT 218
1/4" = 1'-0"



3 | UNIT 219
1/4" = 1'-0"



4 | UNIT 220
1/4" = 1'-0"

Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
484 BOSTON STREET, PORTLAND, ME 04108
TEL: (207) 403-3444 FAX: (207) 403-3400

Architect:
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

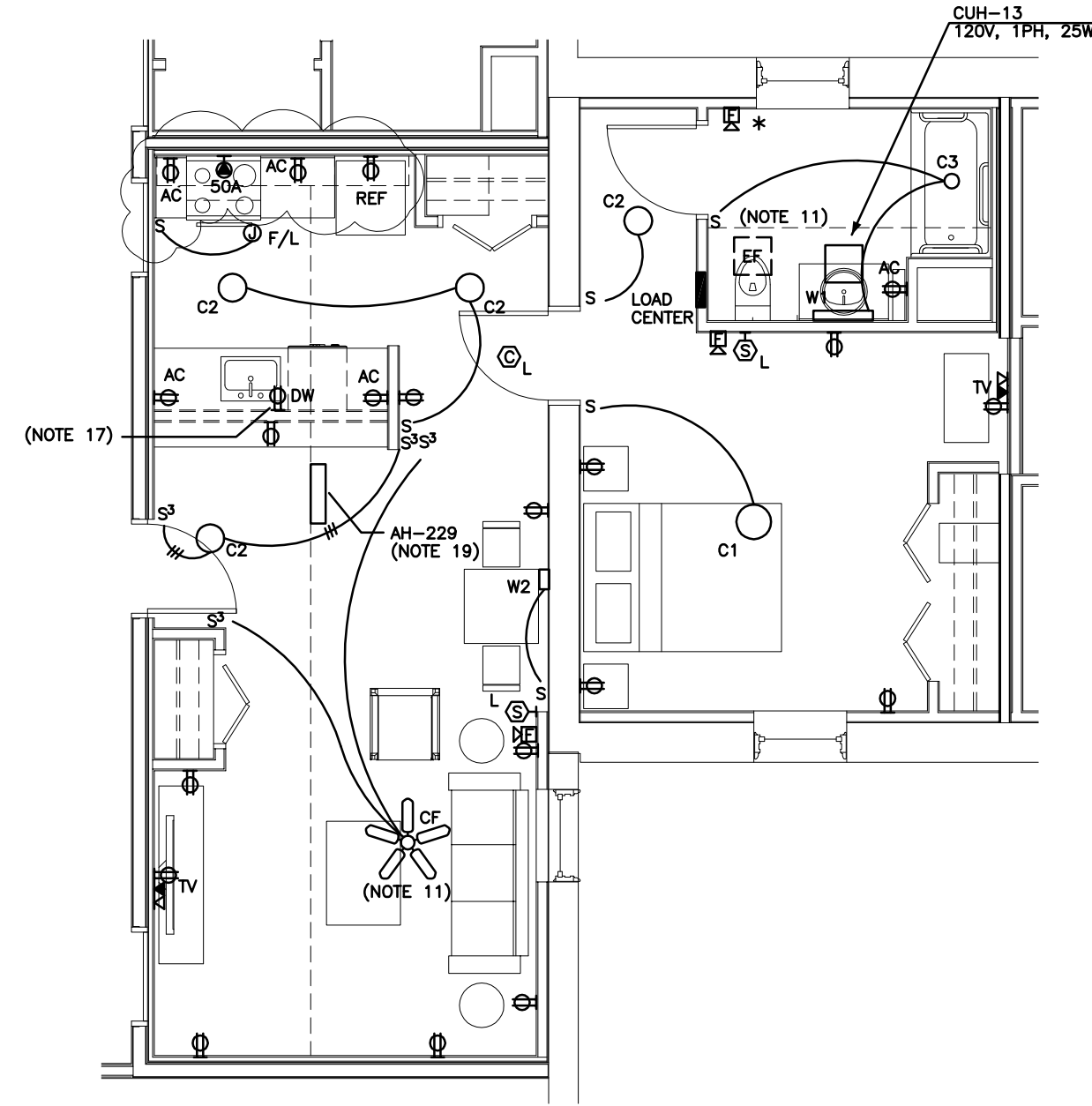
Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

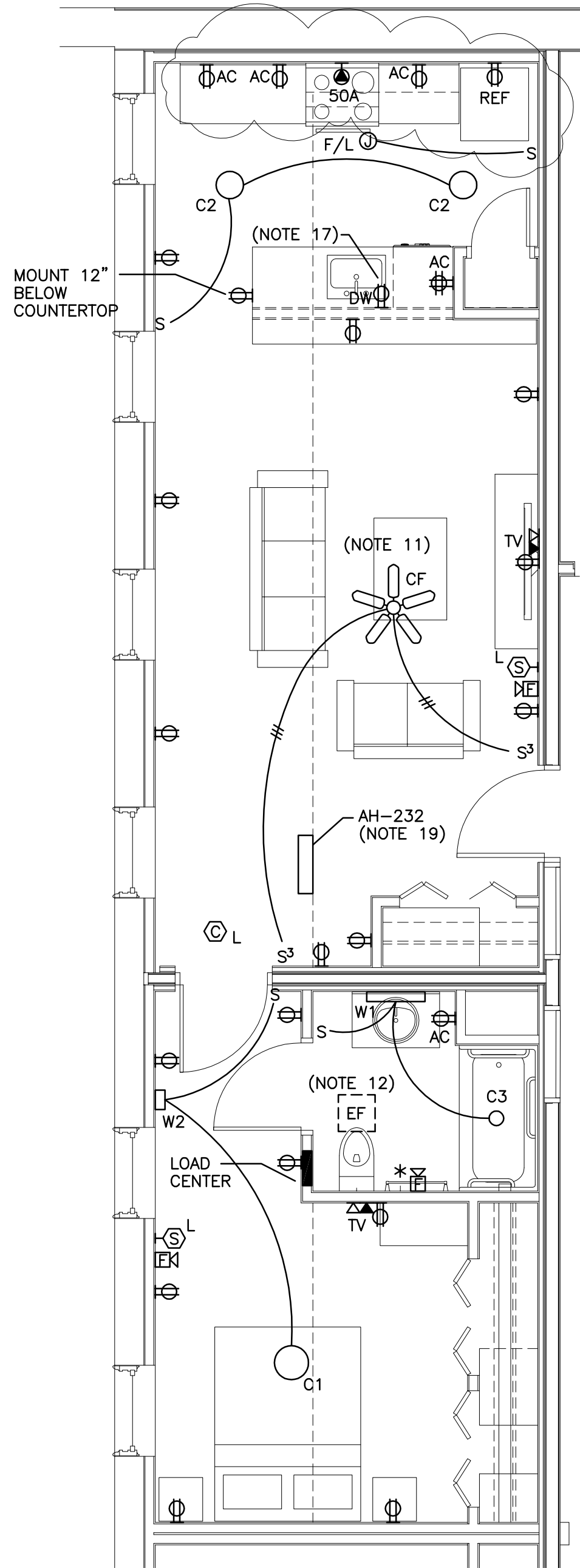
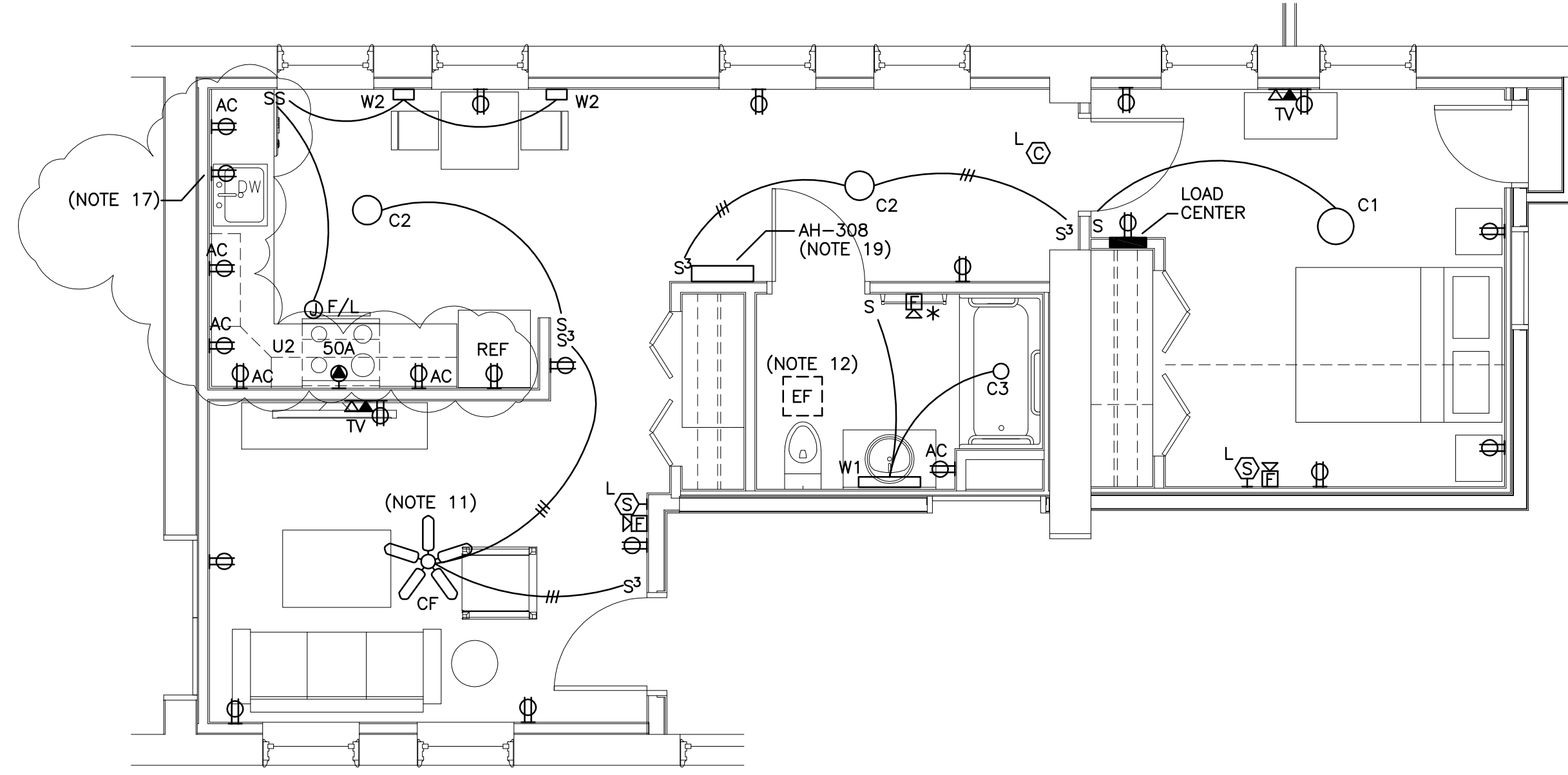
Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 214, 215, 216, 217,
218, 219, 220 & 221

E3.05

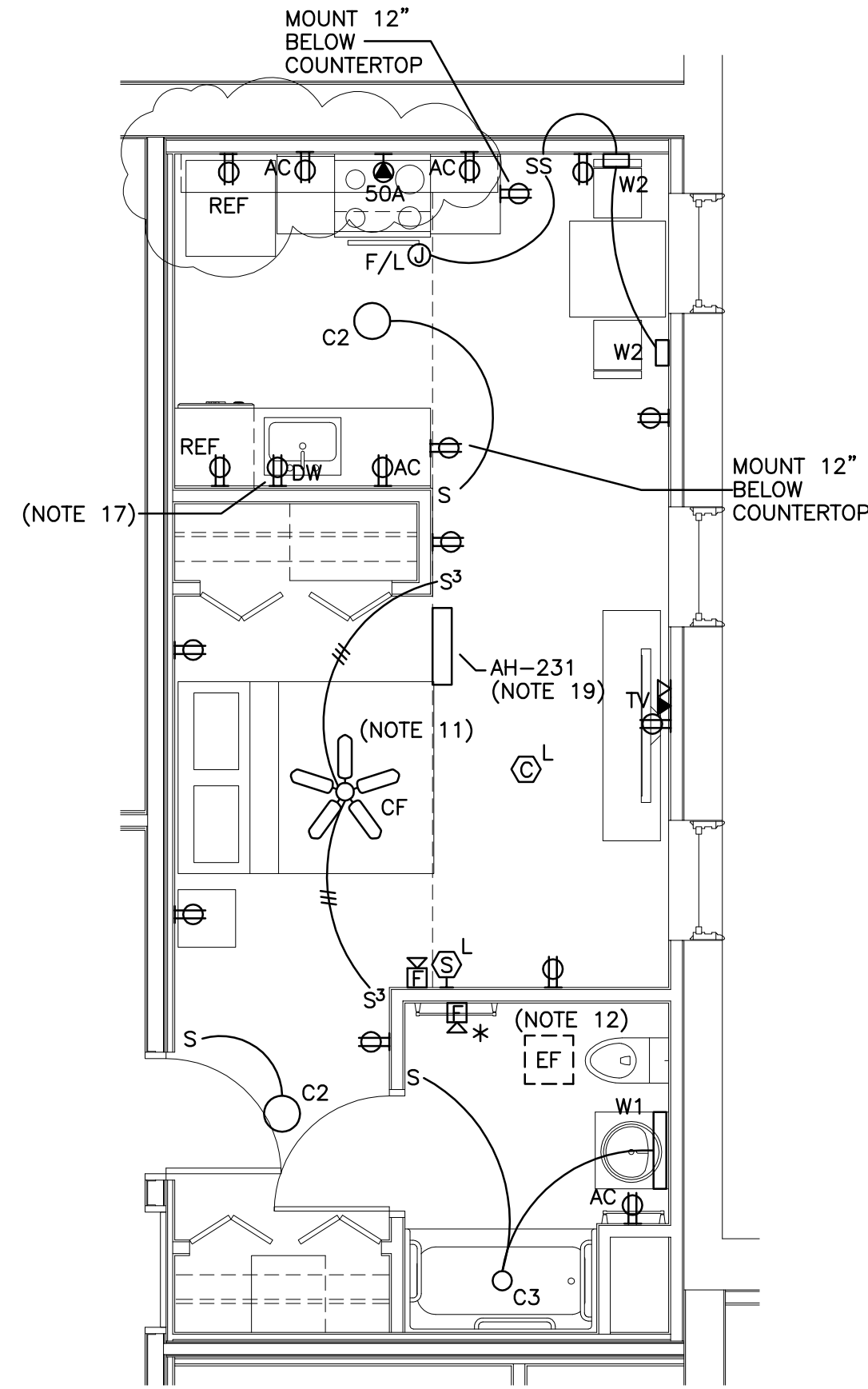
6 UNIT 222
1/4" = 1'-0"



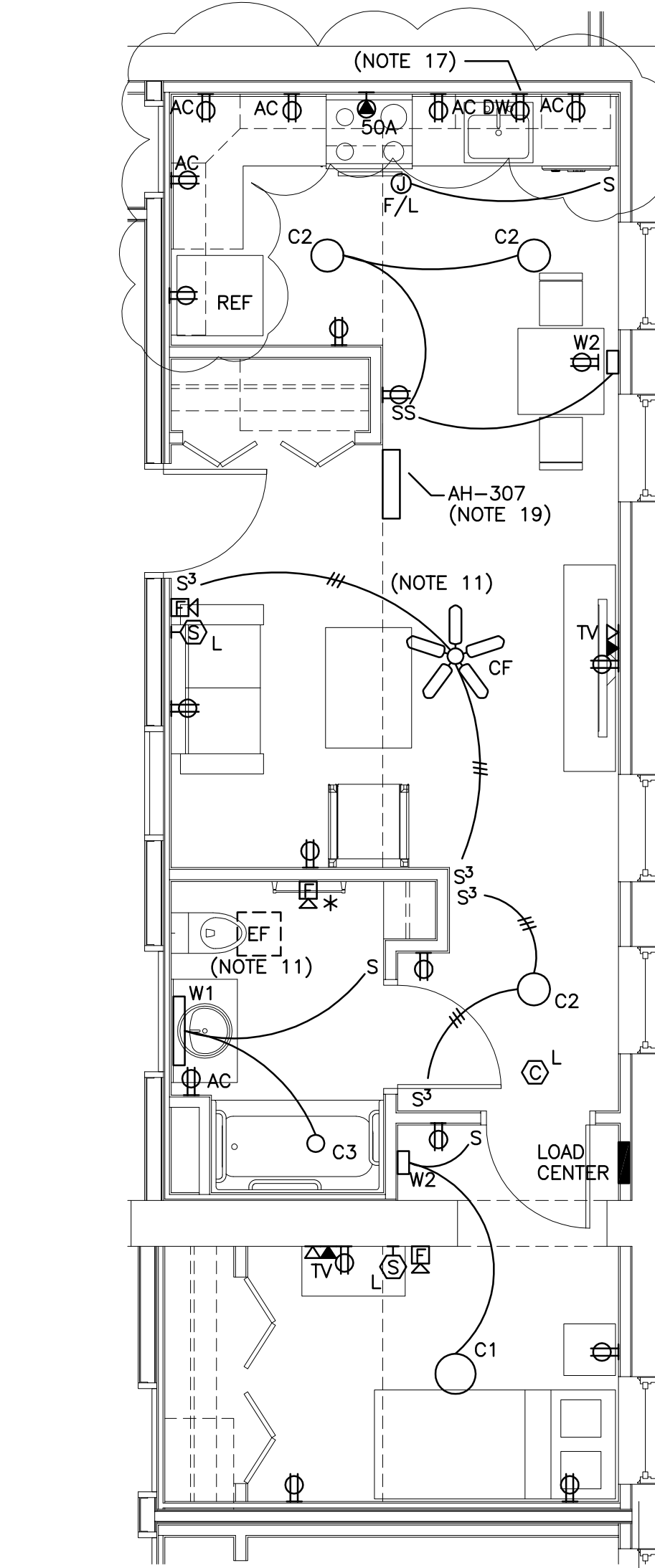
7 UNIT 302
1/4" = 1'-0"



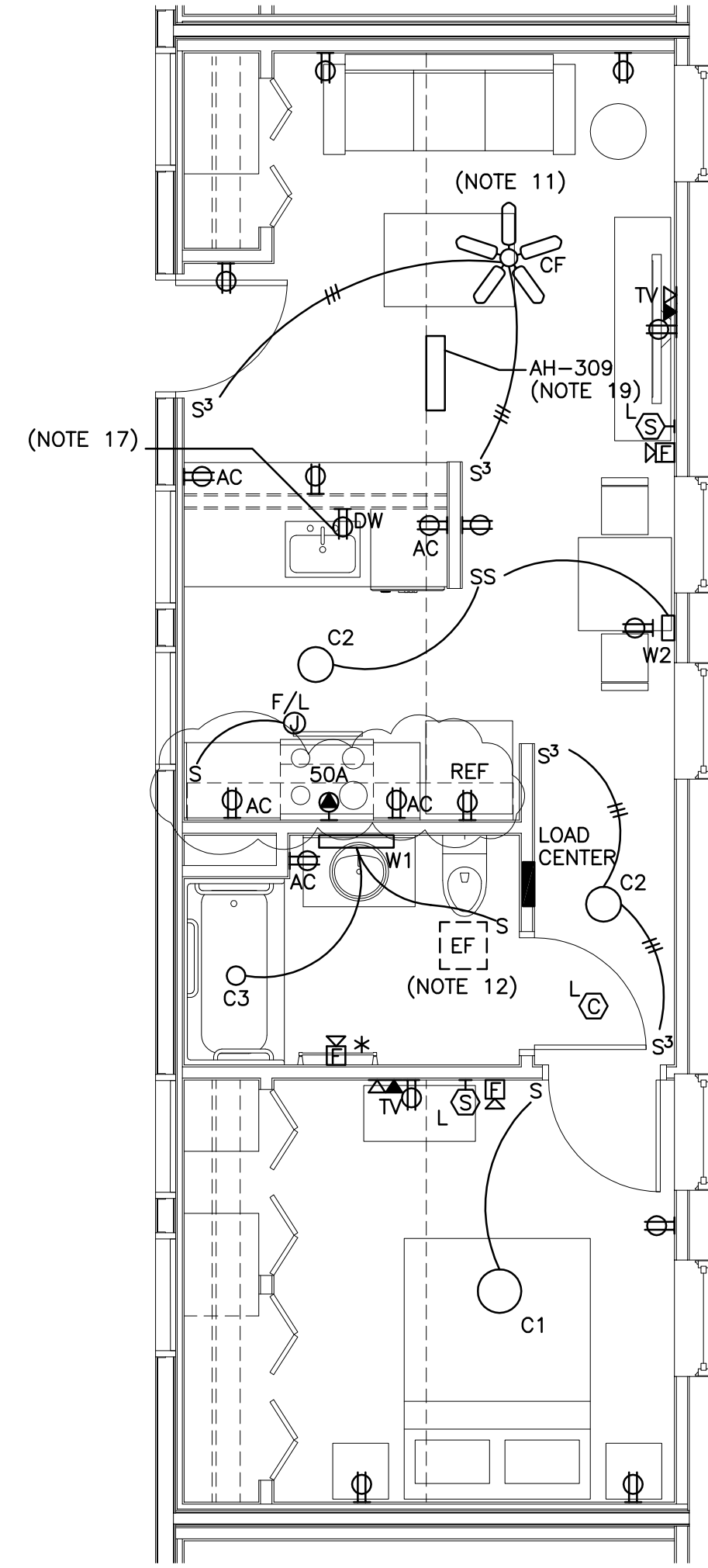
1 UNIT 223
1/4" = 1'-0"



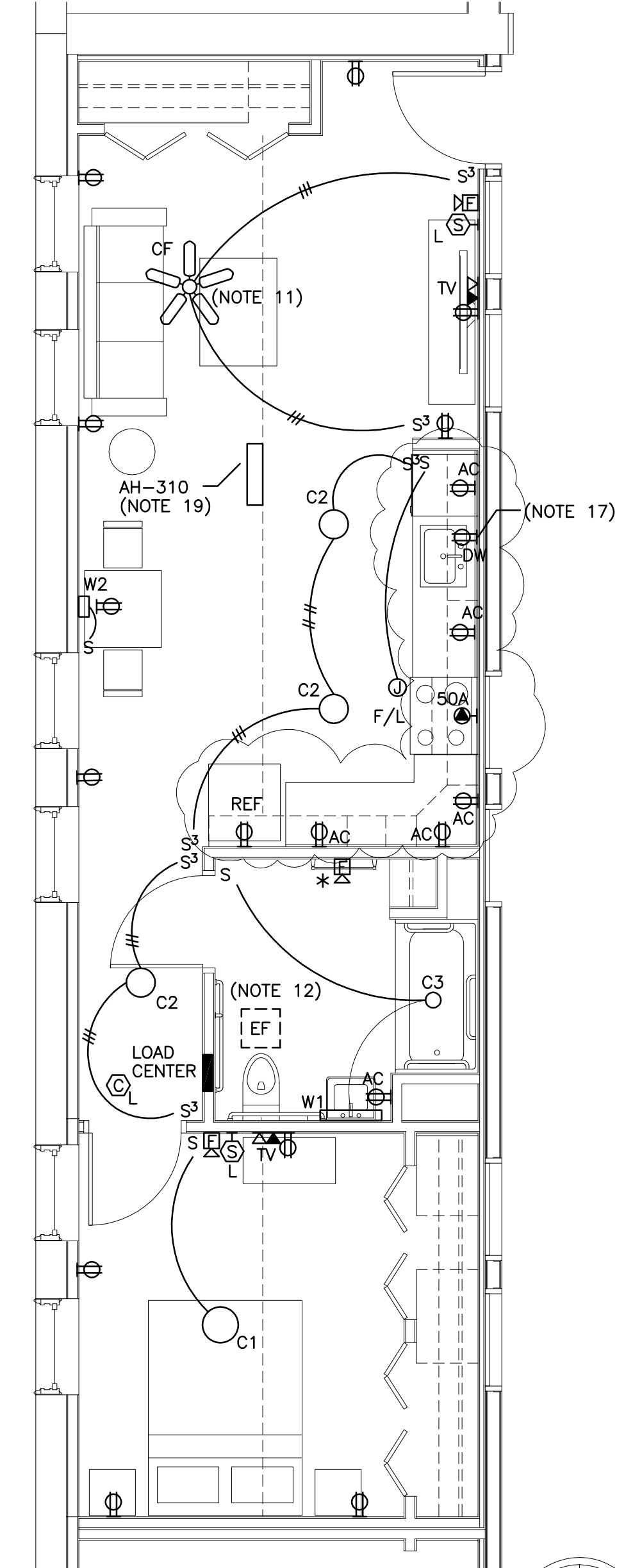
2 UNIT 224
1/4" = 1'-0"



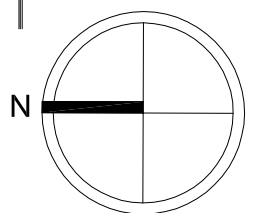
3 UNIT 301
1/4" = 1'-0"



4 UNIT 303
1/4" = 1'-0"



5 UNIT 304
1/4" = 1'-0"



Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
MECHANICAL ENGINEERING
142 WASHINGTON STREET, BALDWIN, ME 04203
TEL: (207) 443-4447 FAX: (207) 443-4500

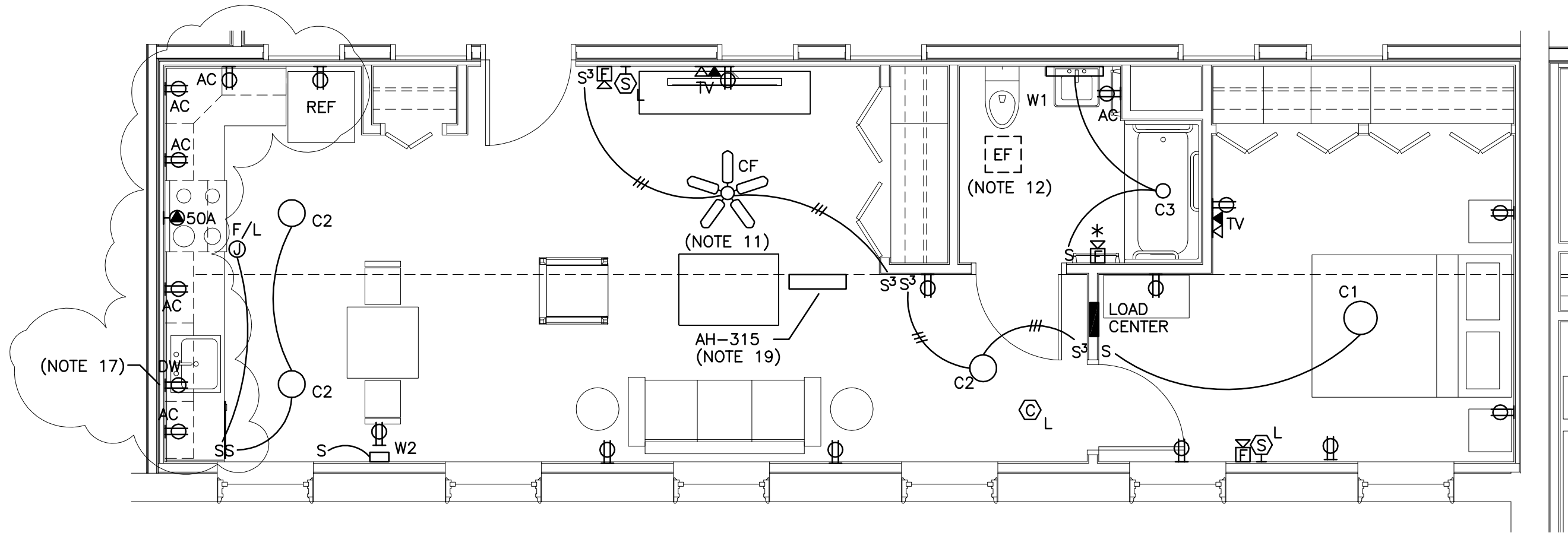
Architect:
**MOTHERHOUSE
SENIOR HOUSING**
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

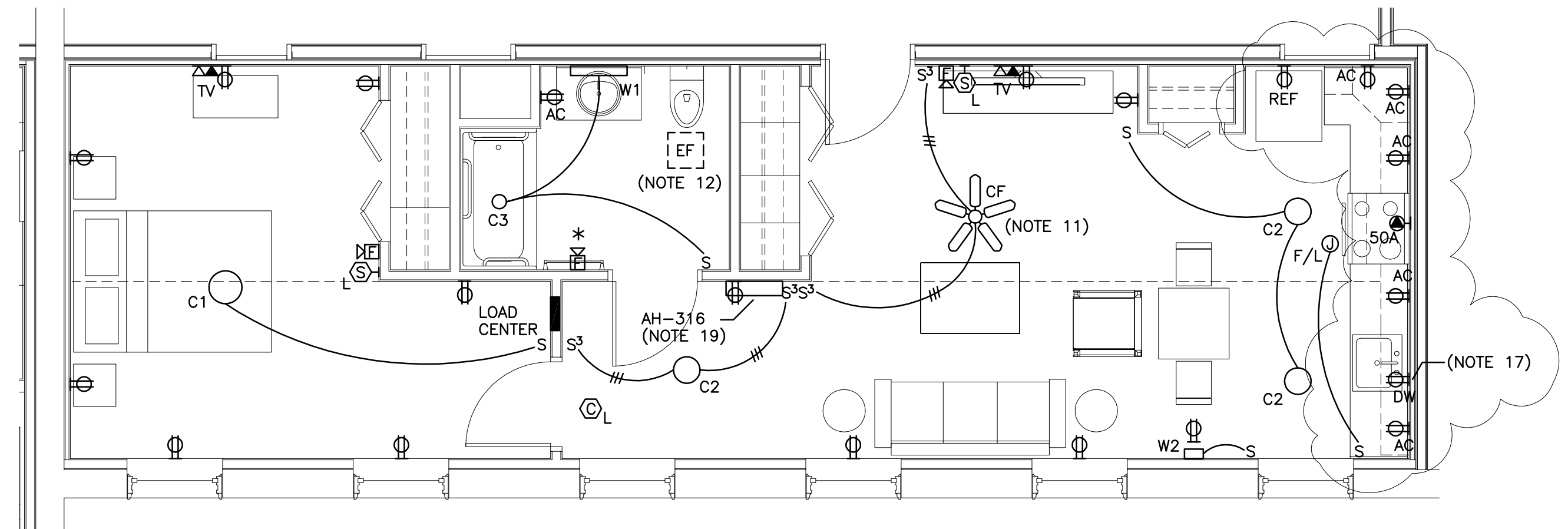
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 222, 223, 224, 301,
302, 303 & 304

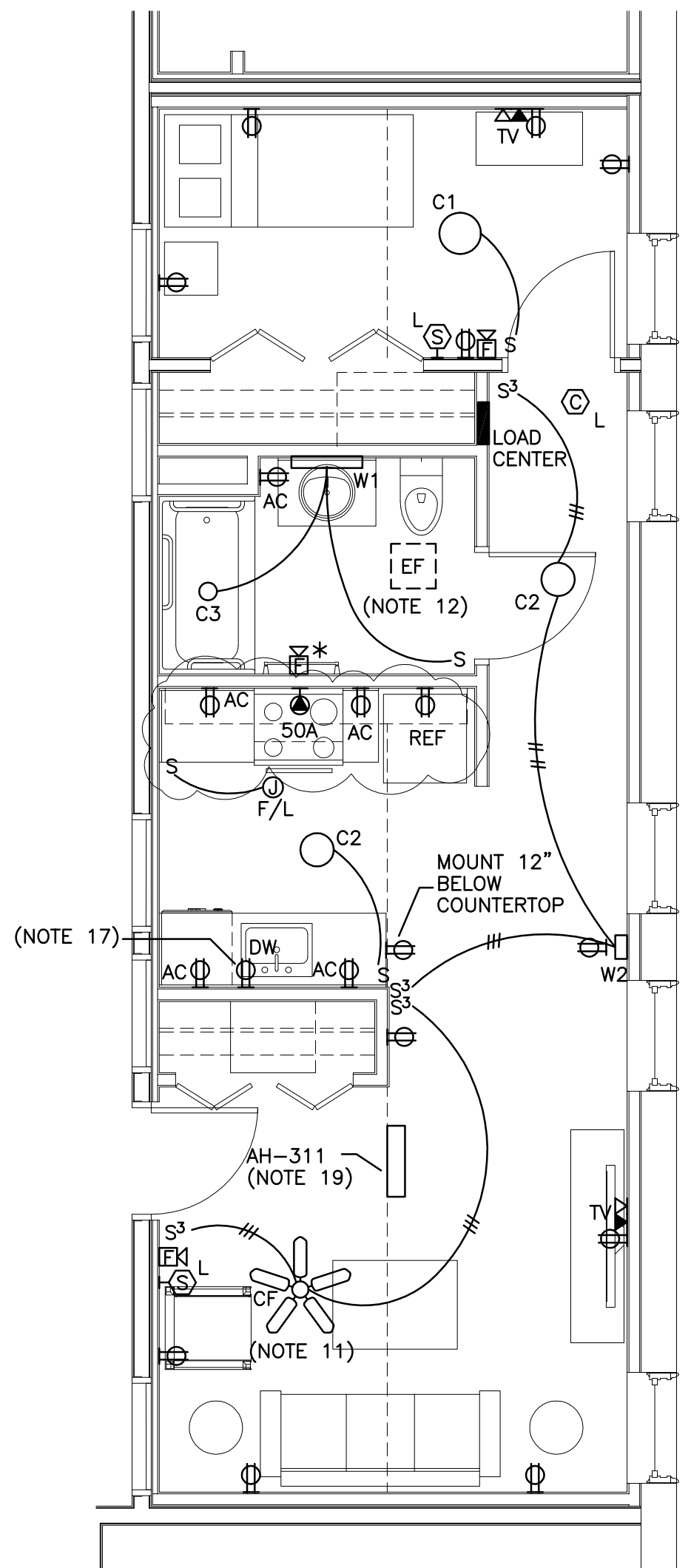
E3.06



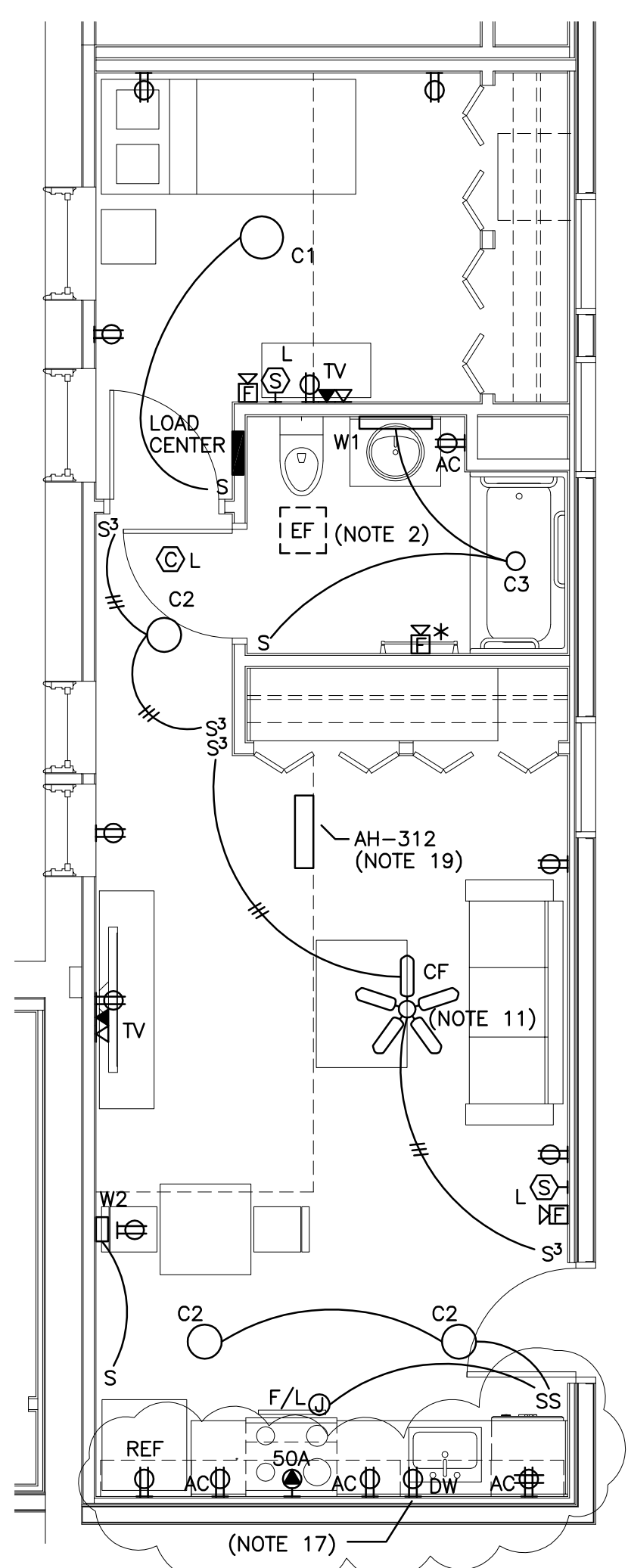
7 UNIT 309
1/4" = 1'-0"



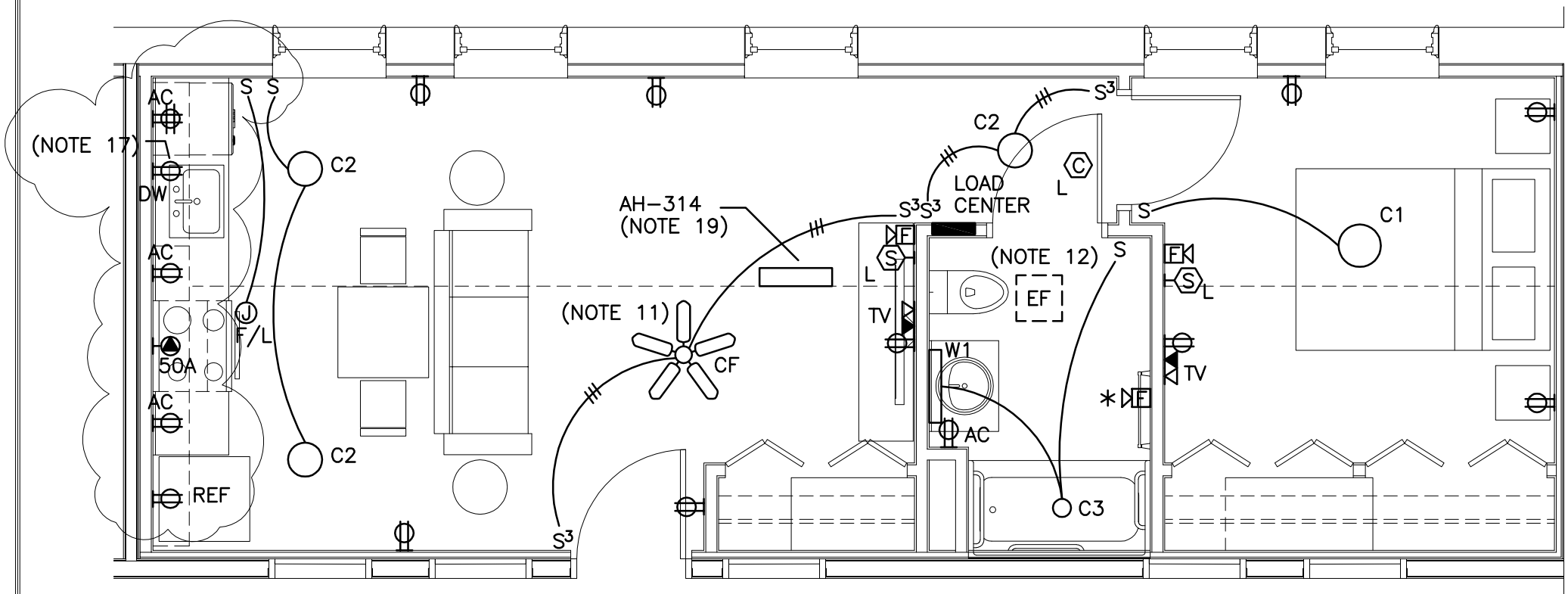
8 UNIT 315
1/4" = 1'-0"



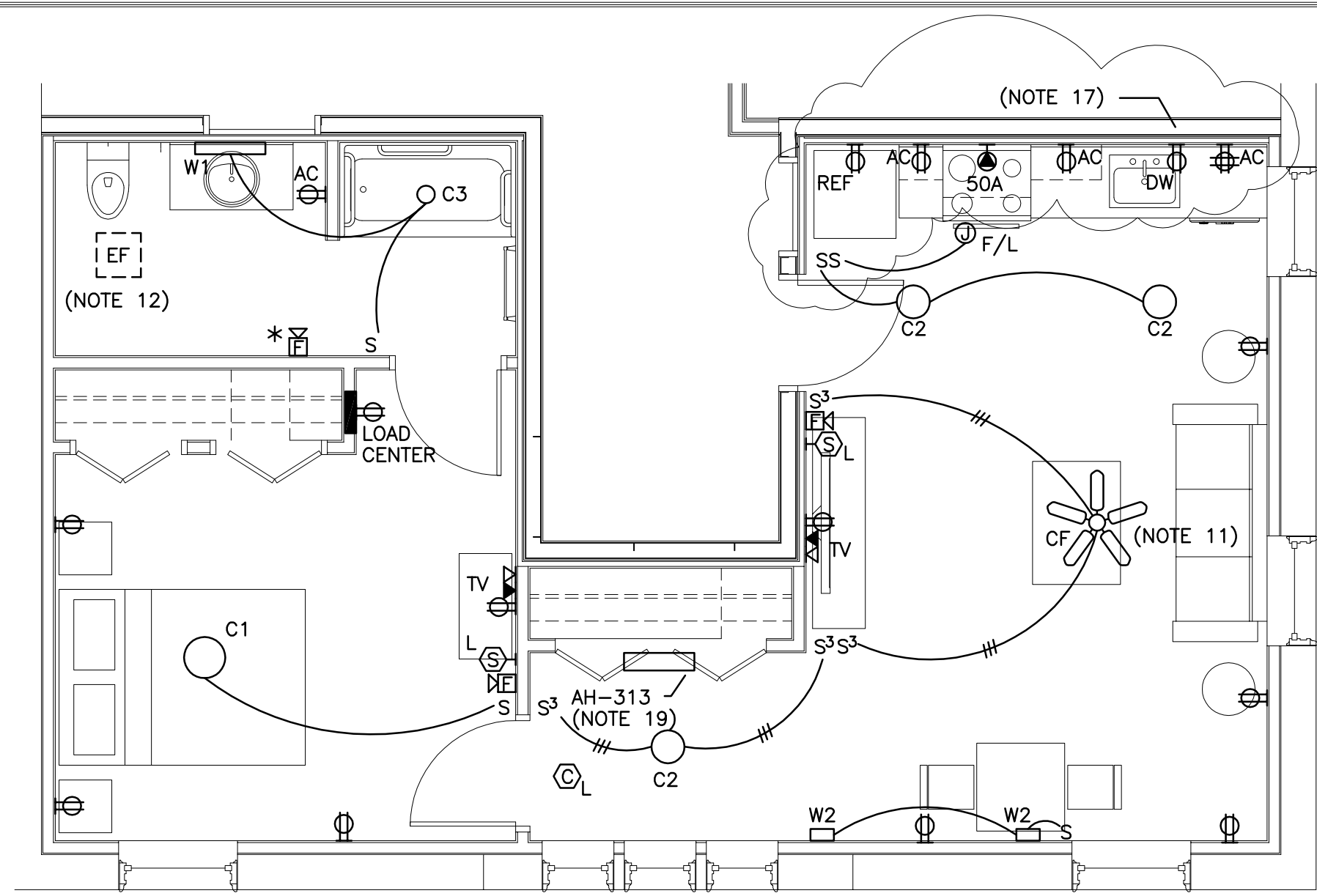
1 UNIT 305
1/4" = 1'-0"



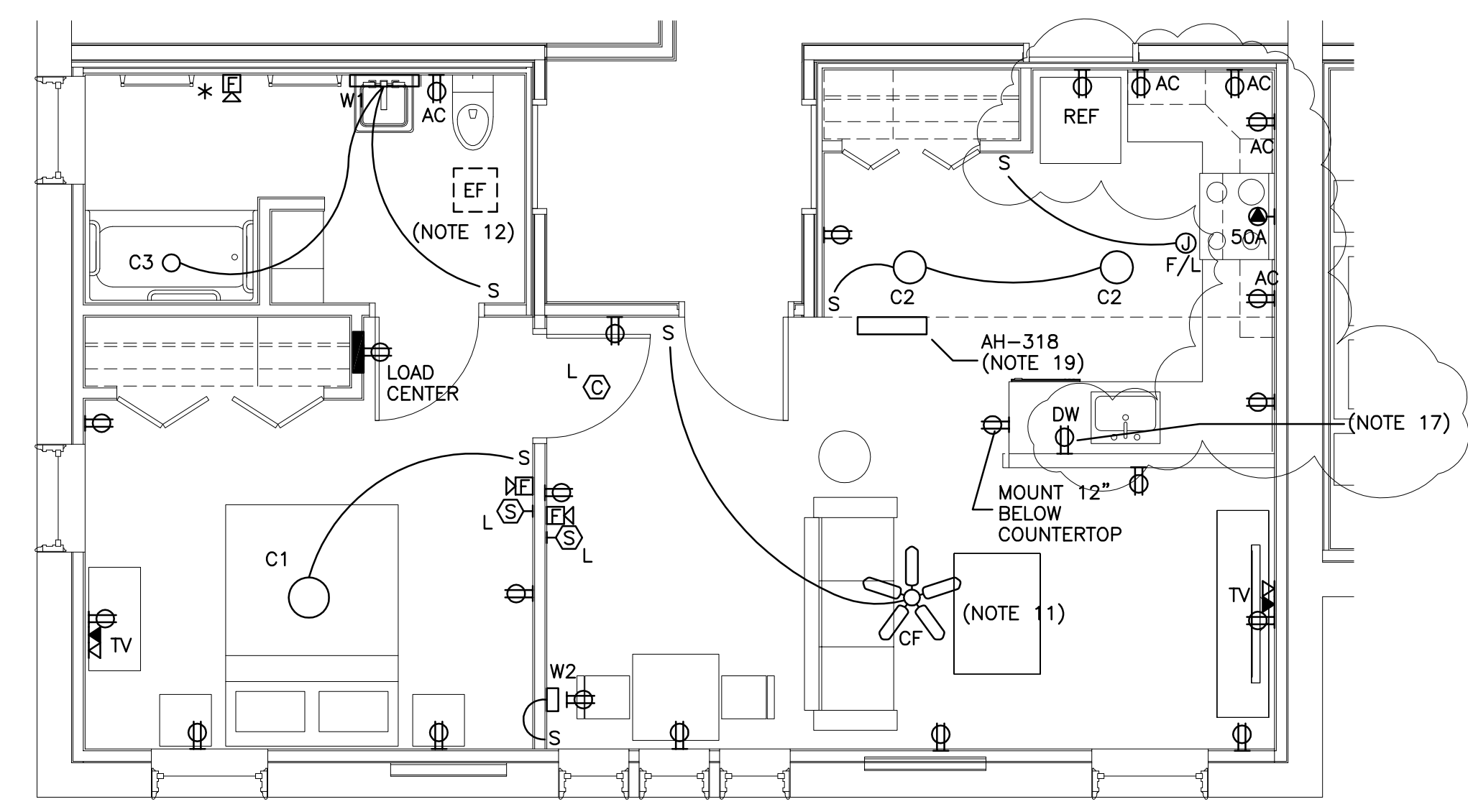
2 UNIT 306
1/4" = 1'-0"



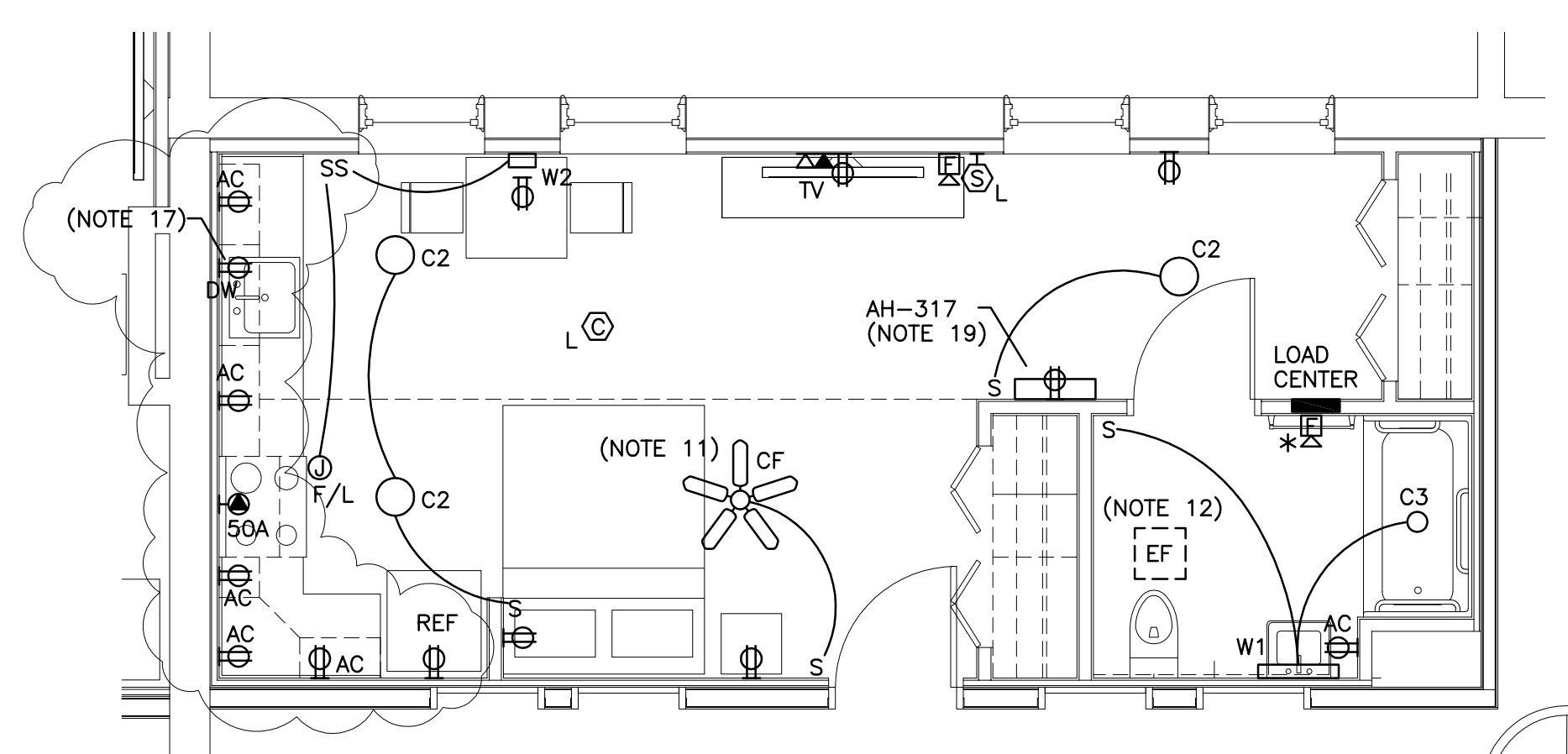
5 UNIT 308
1/4" = 1'-0"



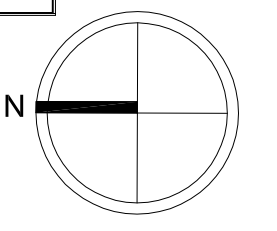
3 UNIT 307
1/4" = 1'-0"



6 UNIT 317
1/4" = 1'-0"



4 UNIT 316
1/4" = 1'-0"



Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
**Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING**
942 WASHINGTON STREET, BATH, ME 04530
TEL: (207) 443-3447 FAX: (207) 443-5500

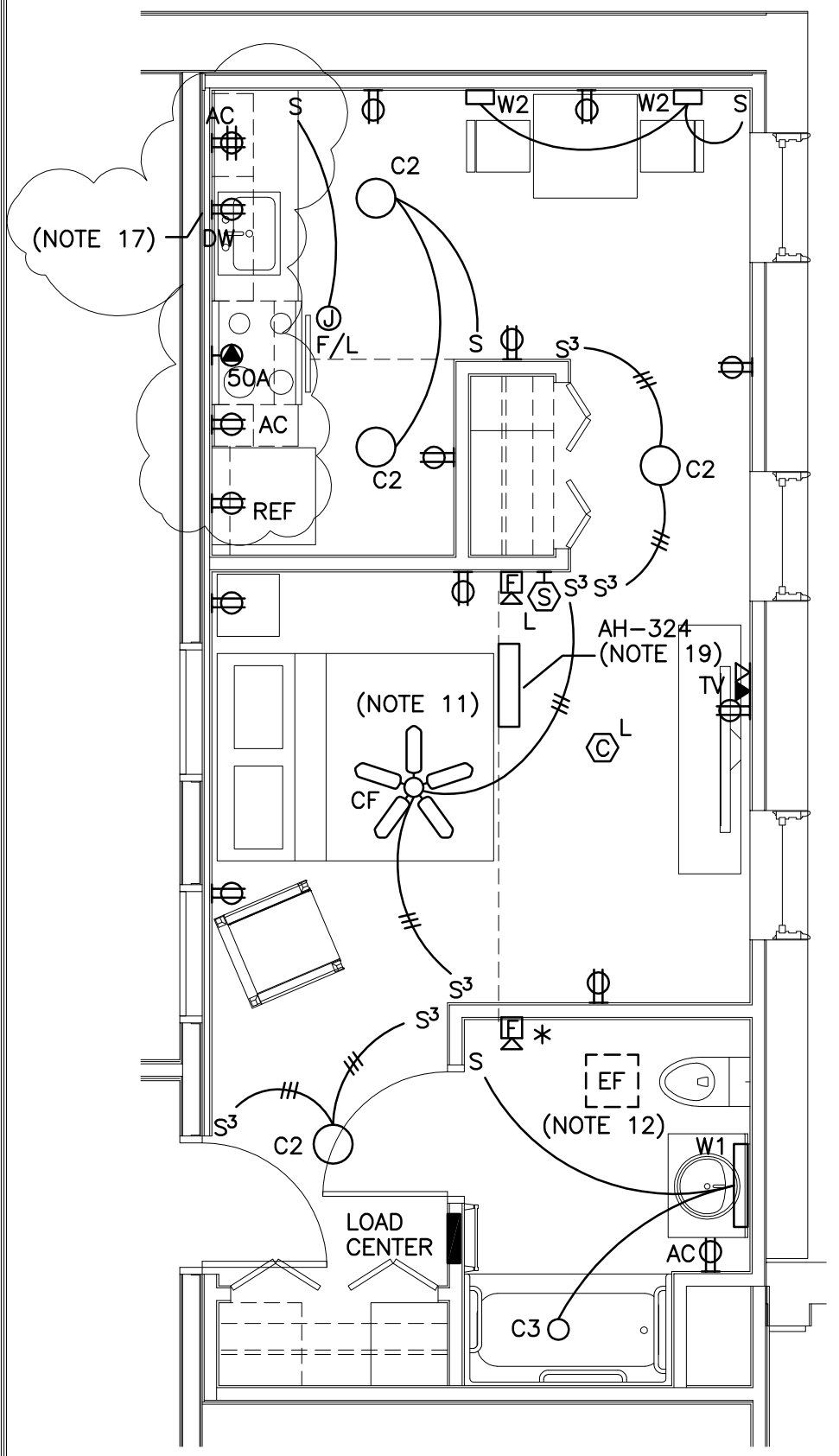
Architect:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

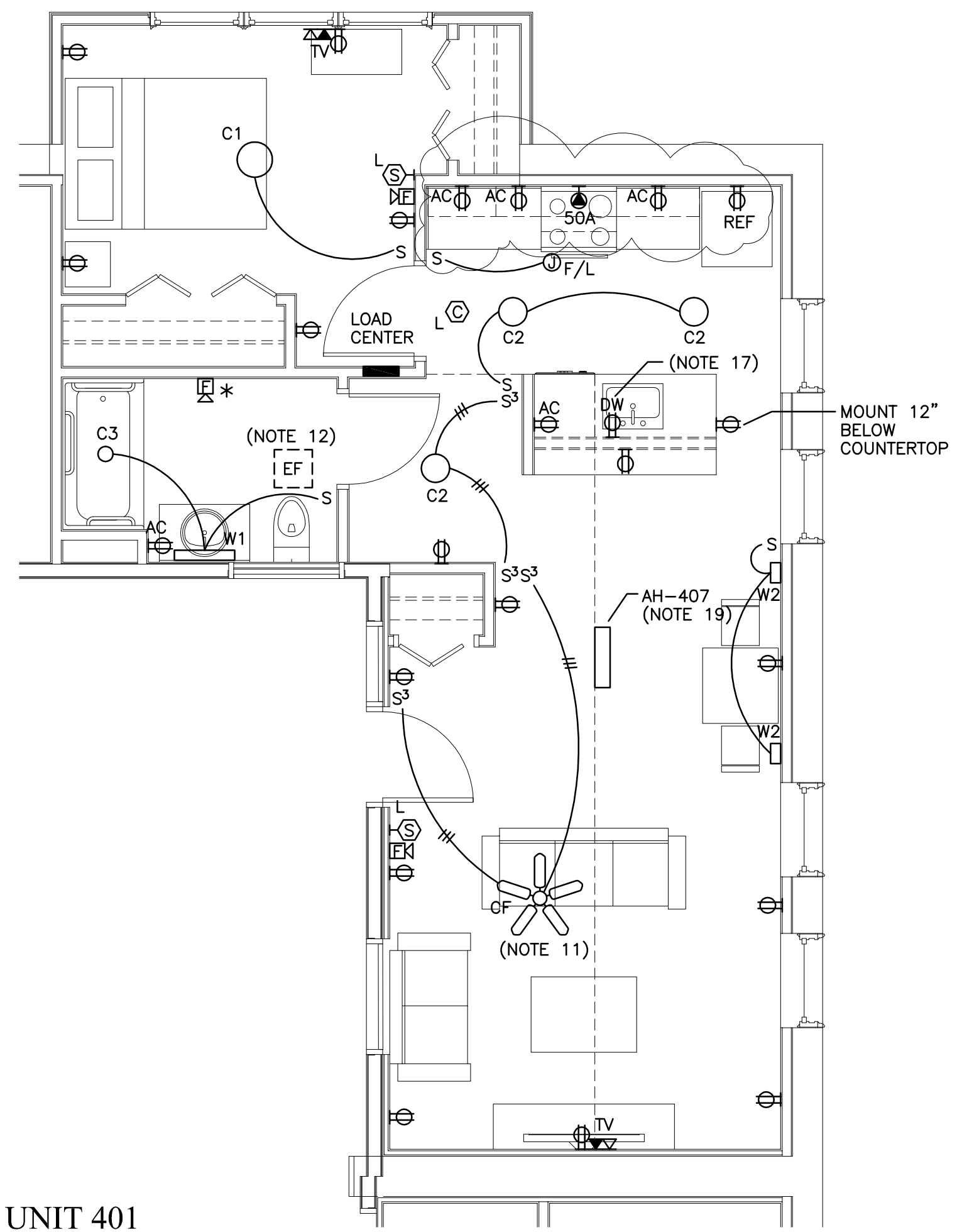
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 305, 306, 307, 308,
309, 315, 316 & 317

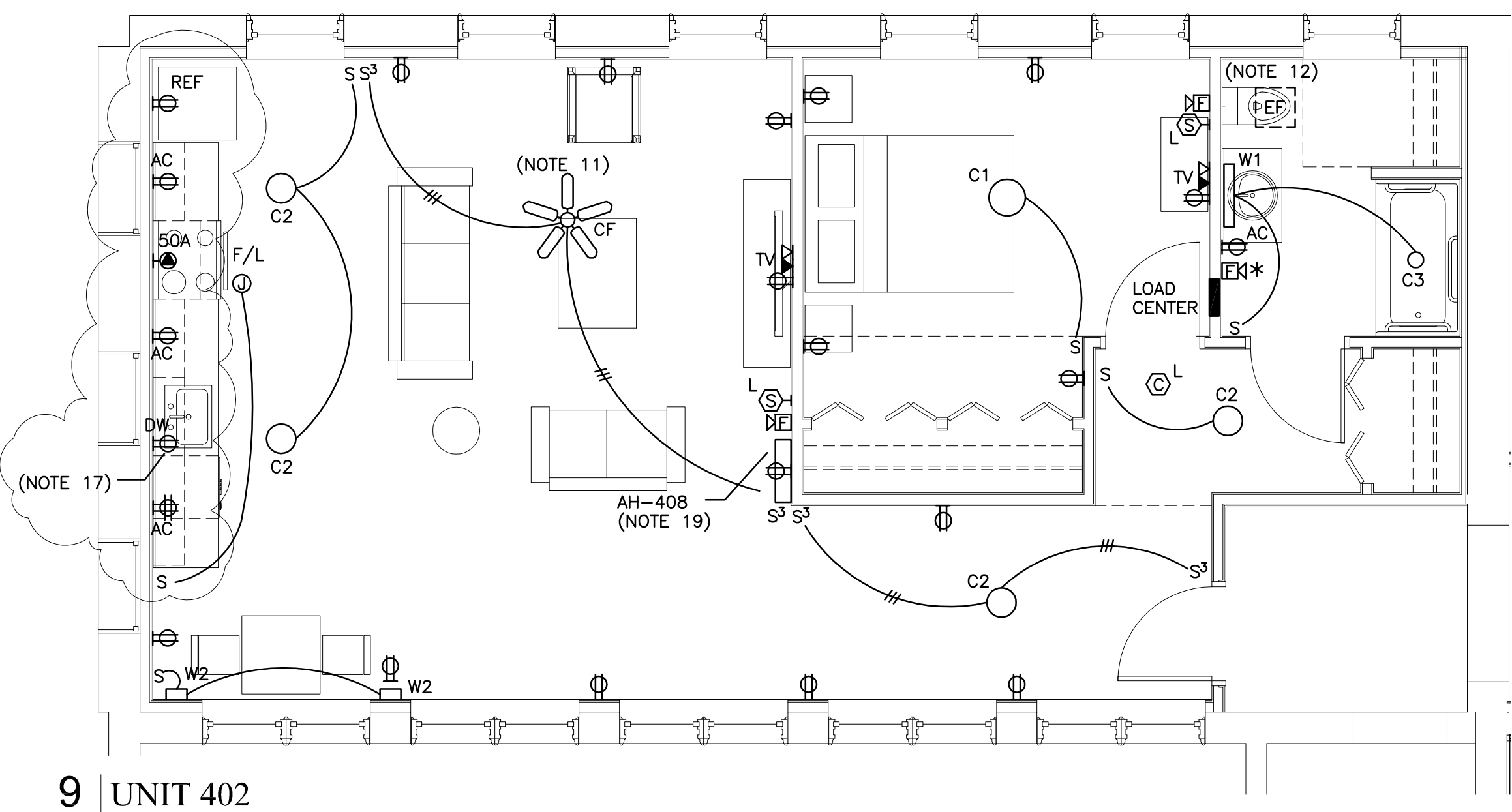
E3.07



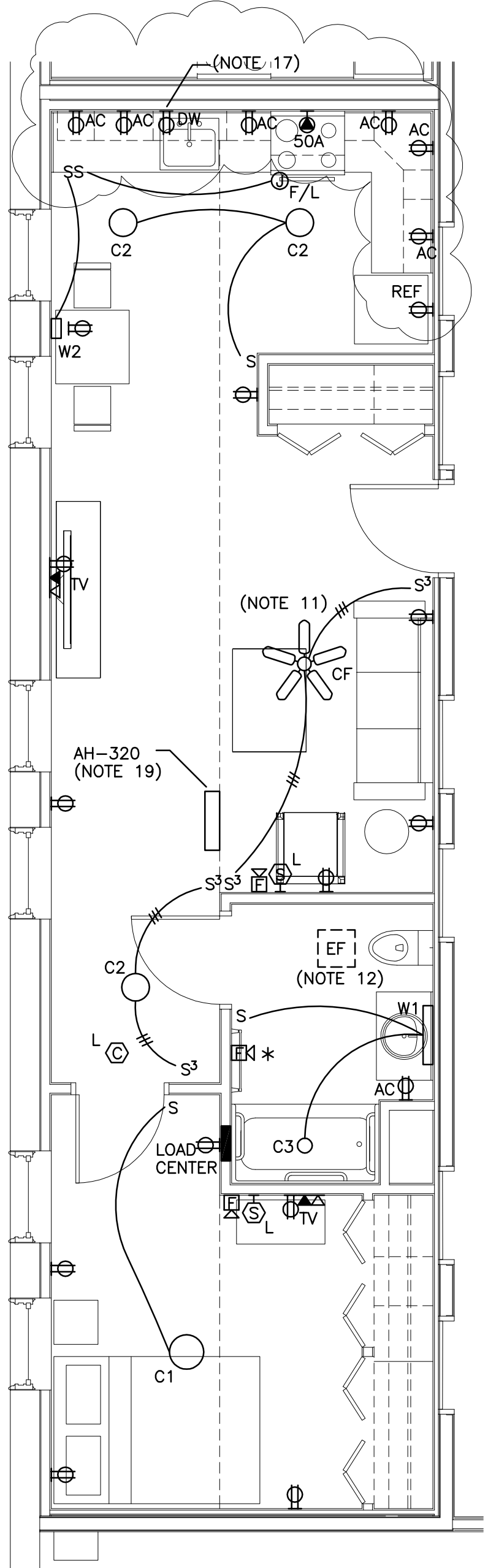
7 UNIT 324
1/4" = 1'-0"



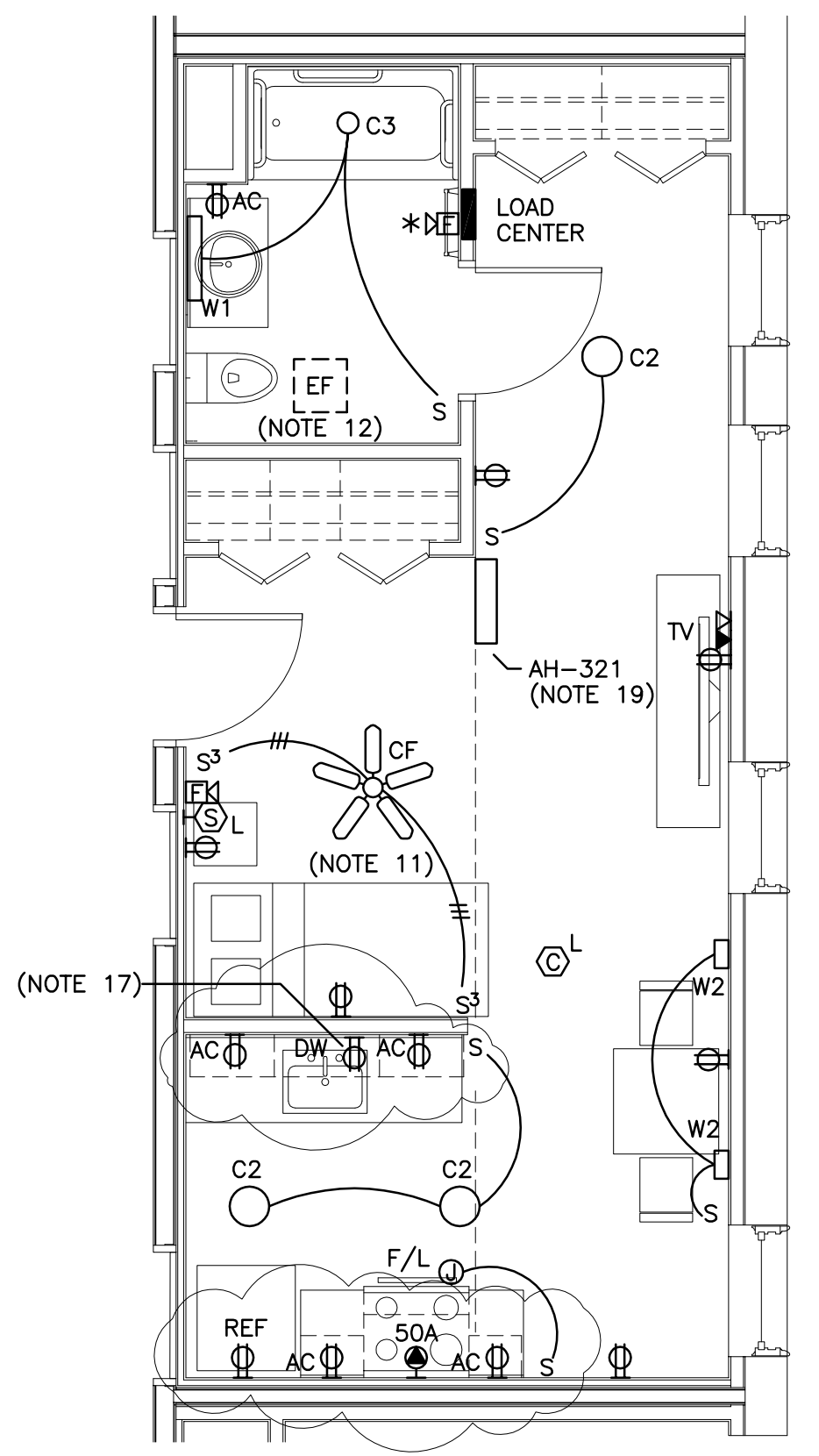
8 UNIT 401
1/4" = 1'-0"



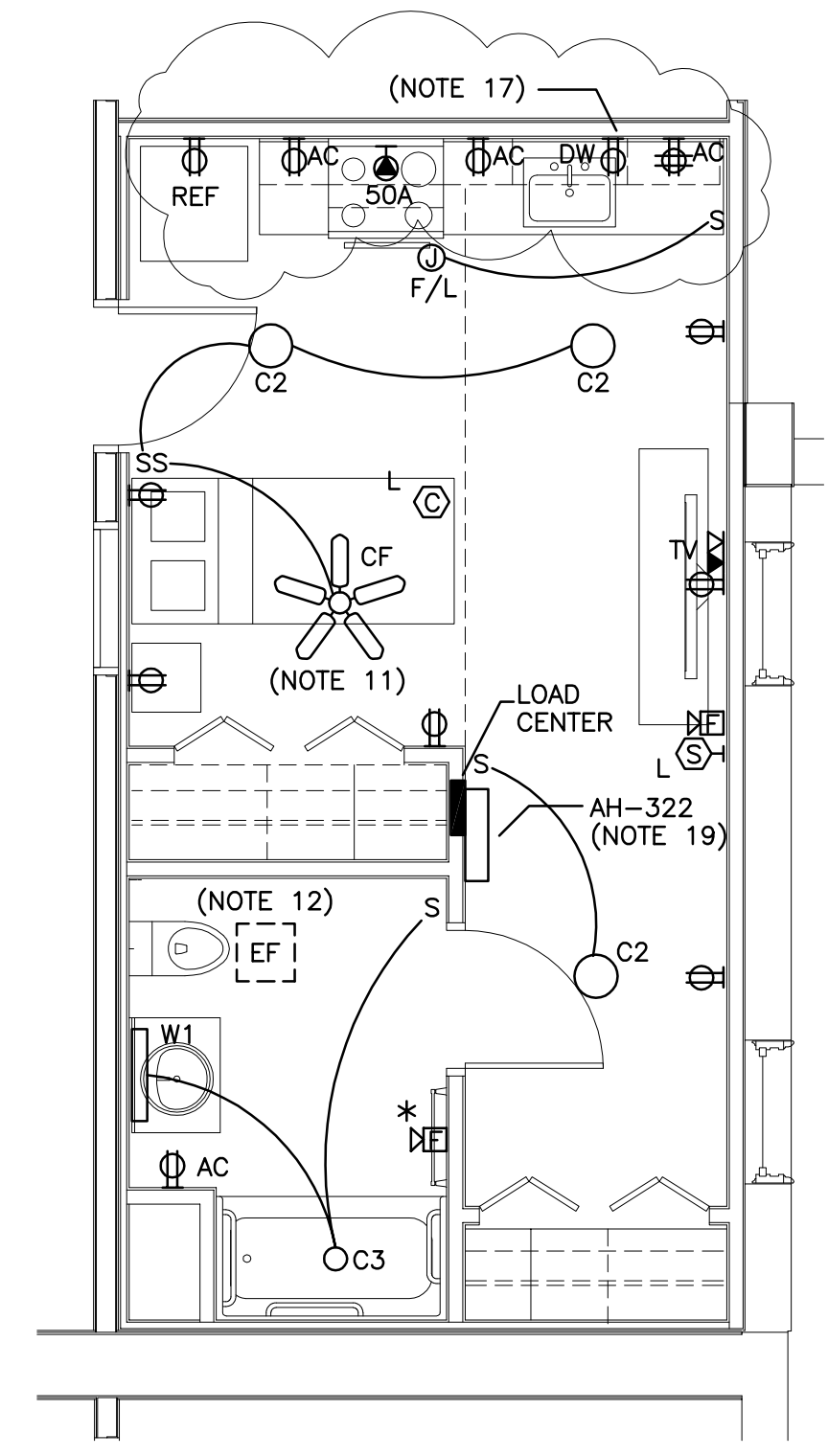
9 UNIT 402
1/4" = 1'-0"



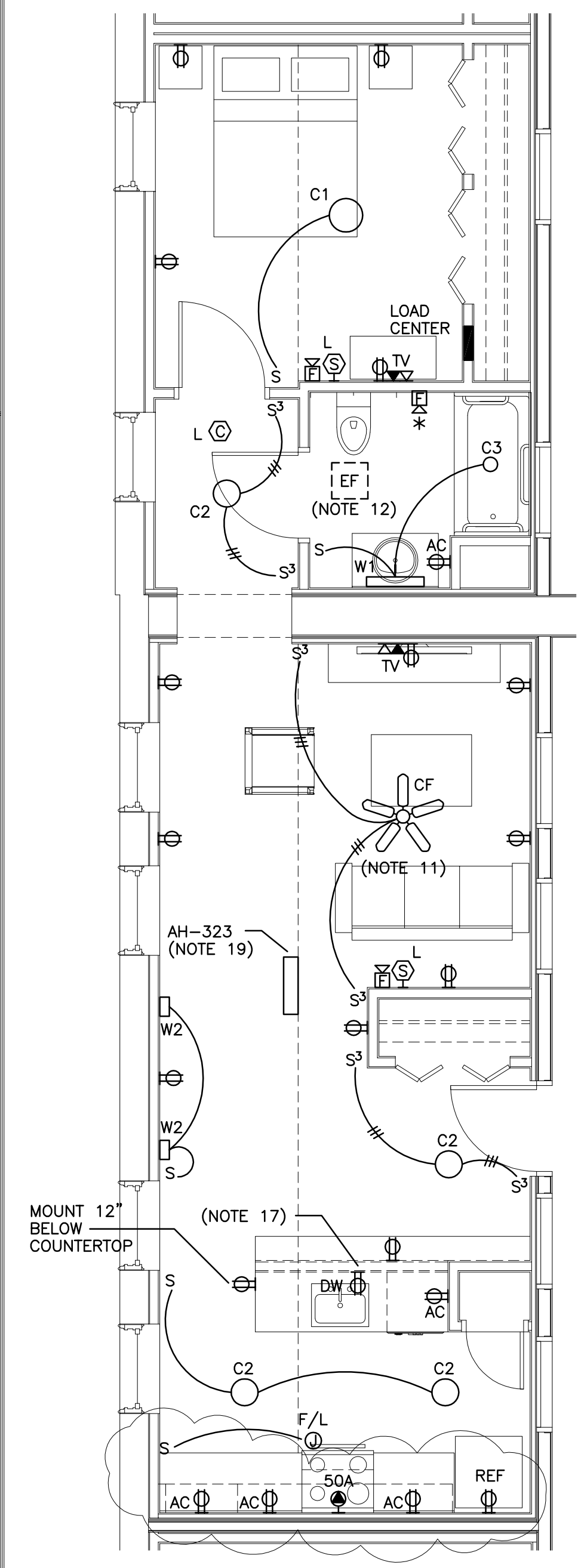
2 UNIT 319
1/4" = 1'-0"



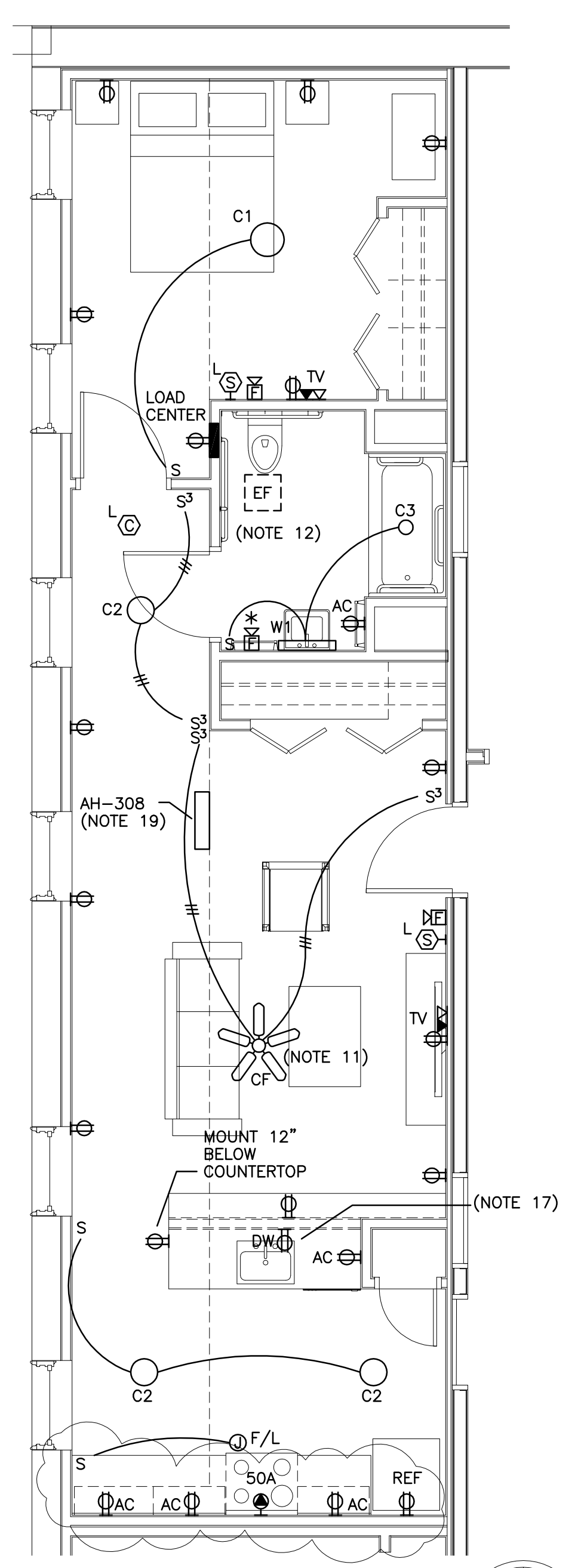
3 UNIT 320
1/4" = 1'-0"



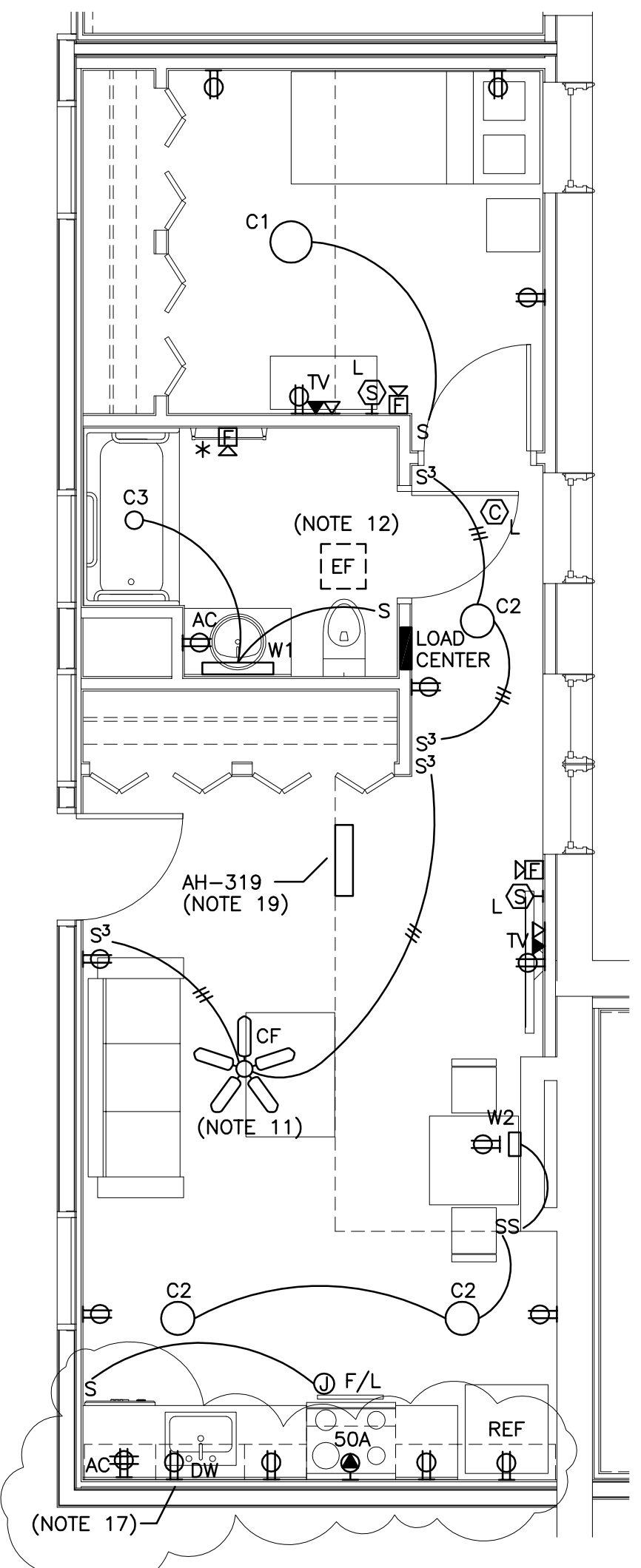
4 UNIT 322
1/4" = 1'-0"



5 UNIT 321
1/4" = 1'-0"



6 UNIT 323
1/4" = 1'-0"



1 UNIT 318
1/4" = 1'-0"

Prepared For:
MOTHERHOUSE LLC

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
TEL: (207) 448-5447 FAX: (207) 448-5300

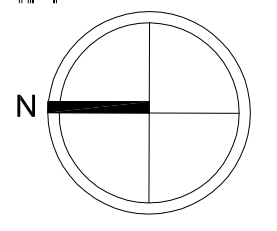
Architect:
MOTHERHOUSE SENIOR HOUSING
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

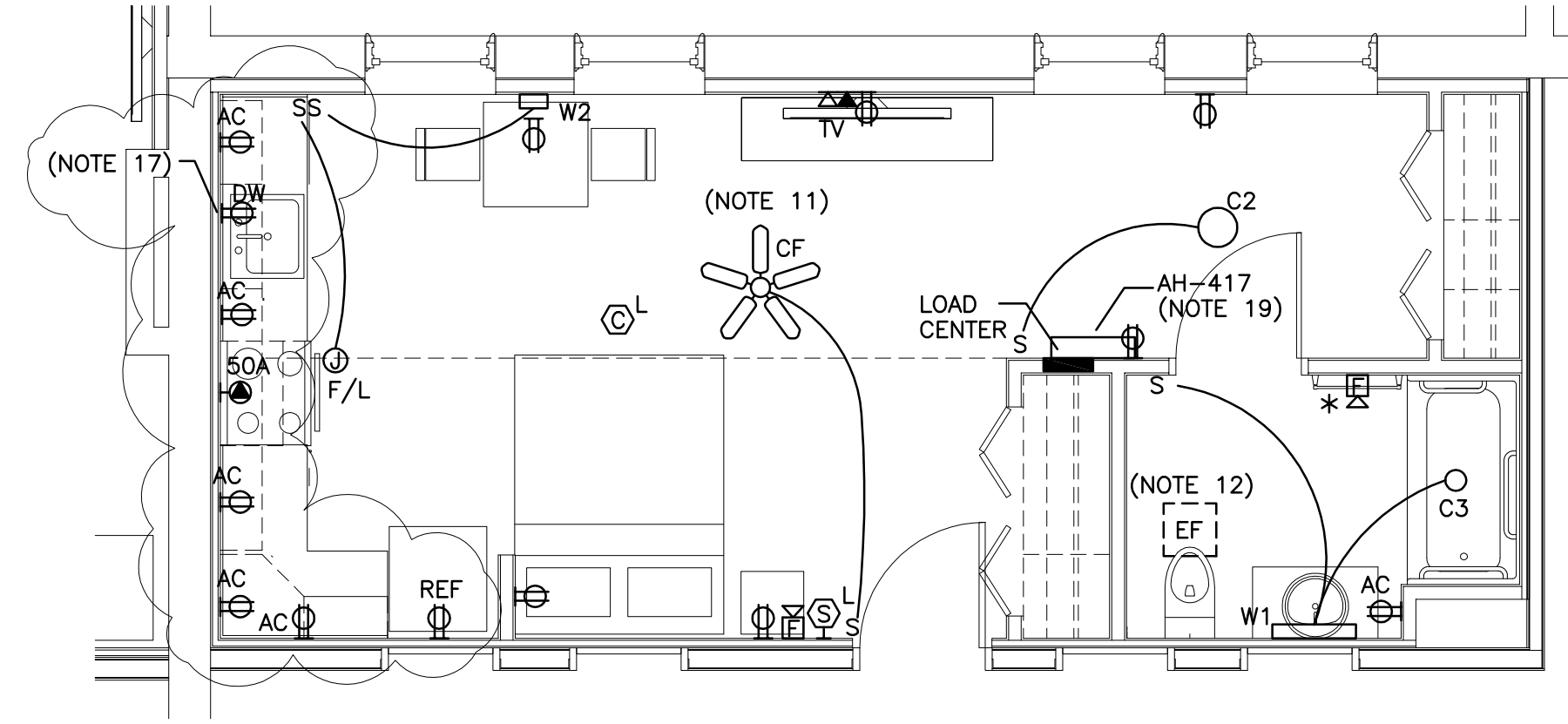
Project:
MOTHERHOUSE SENIOR HOUSING
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR CONSTRUCTION

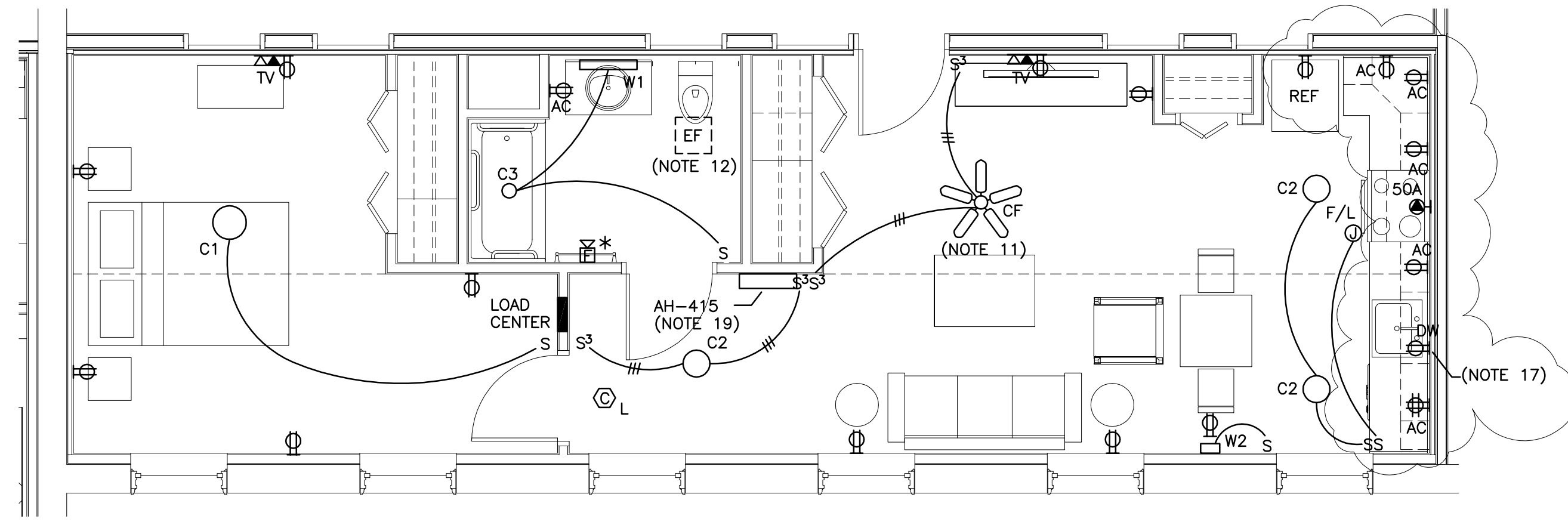
Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 318, 319, 320, 321,
322, 323, 324, 401 & 402

E3.08

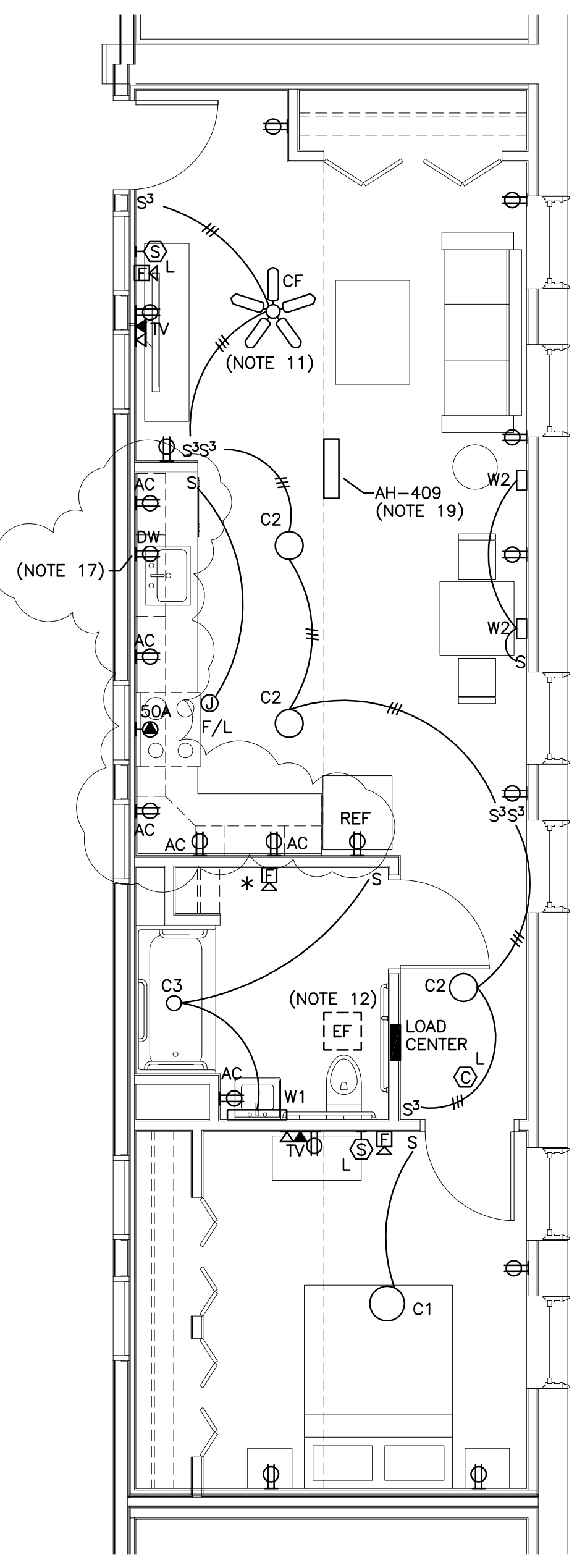




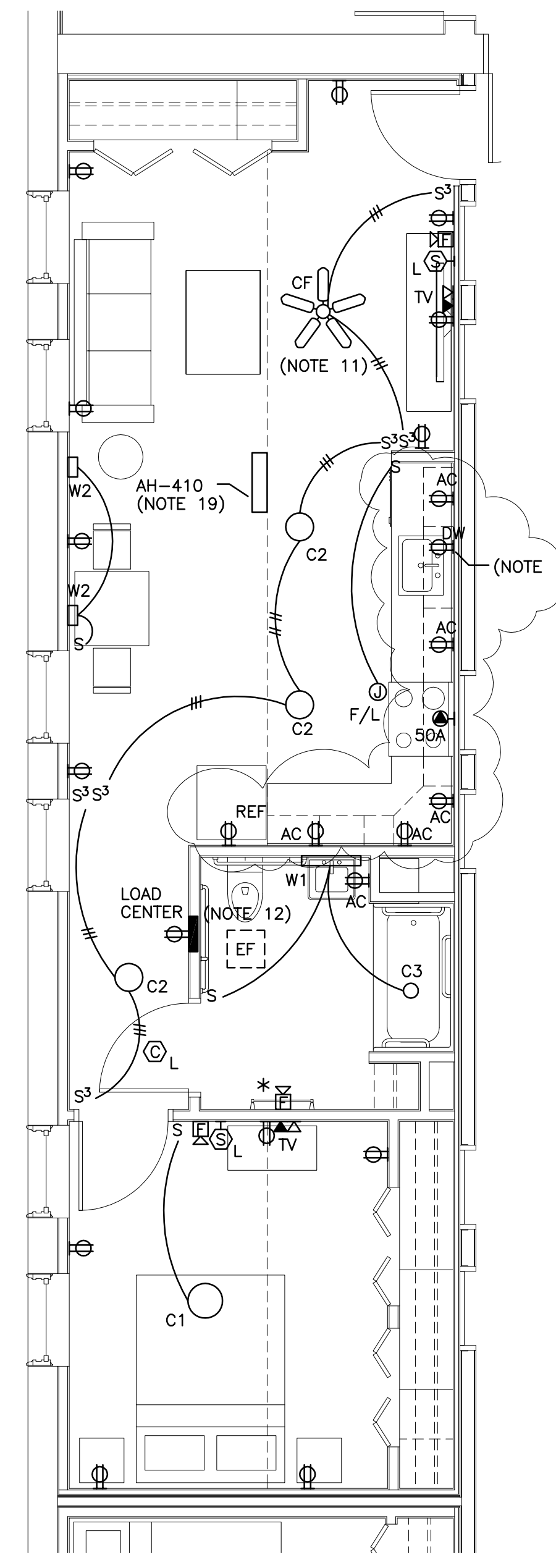
7 UNIT 416
1/4" = 1'-0"



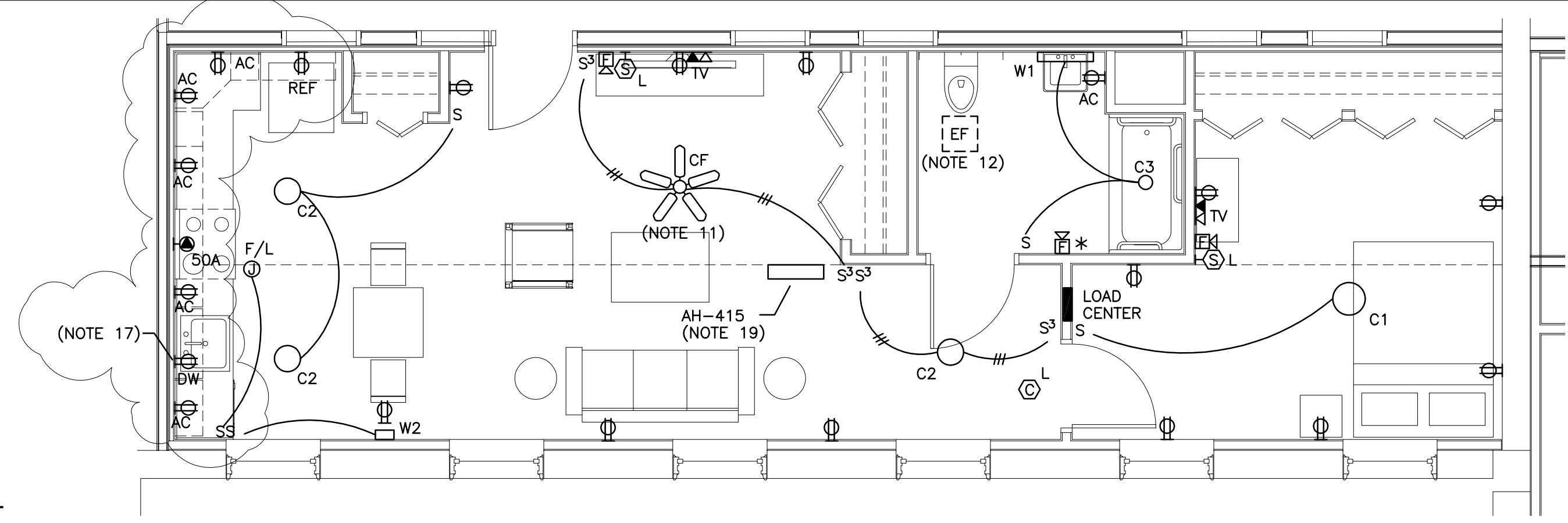
9 UNIT 415
1/4" = 1'-0"



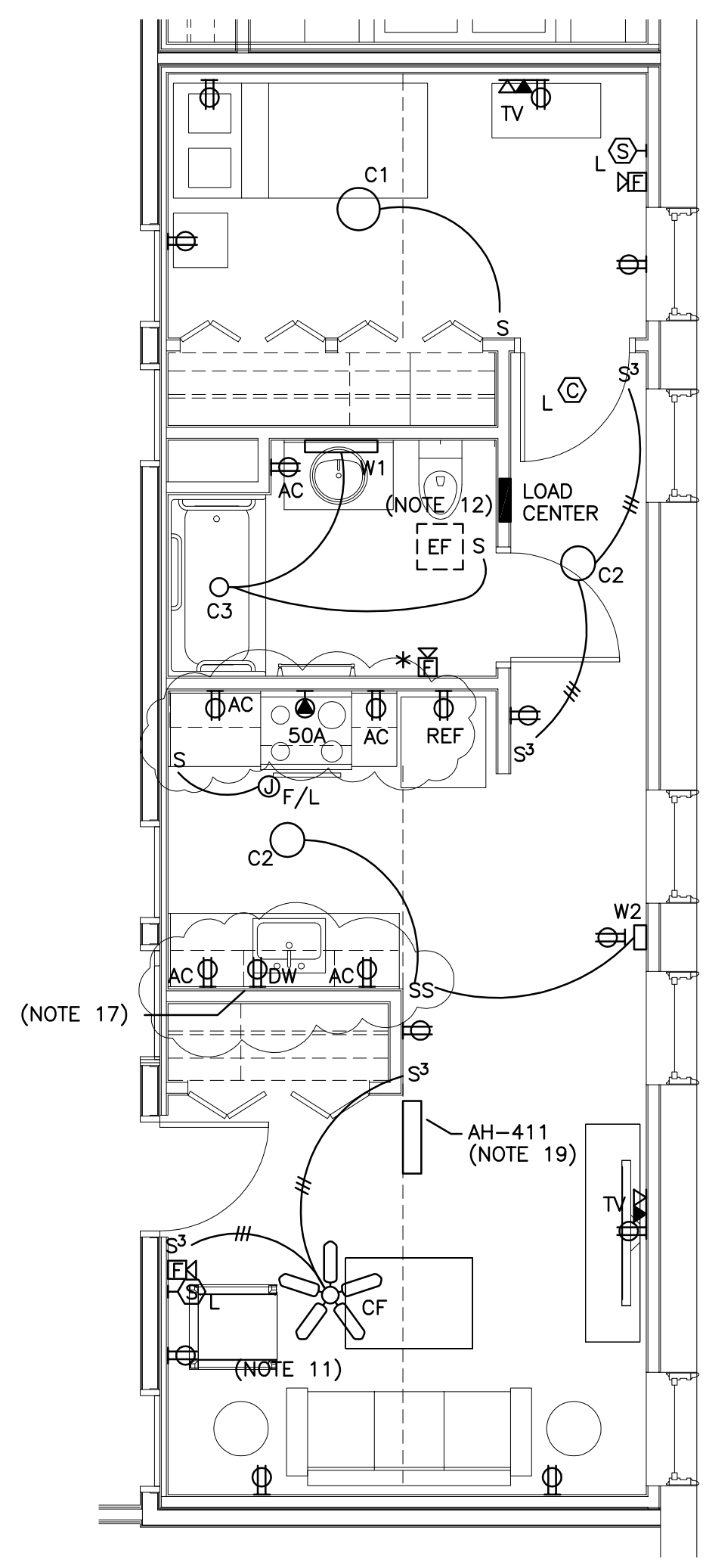
1 UNIT 403
1/4" = 1'-0"



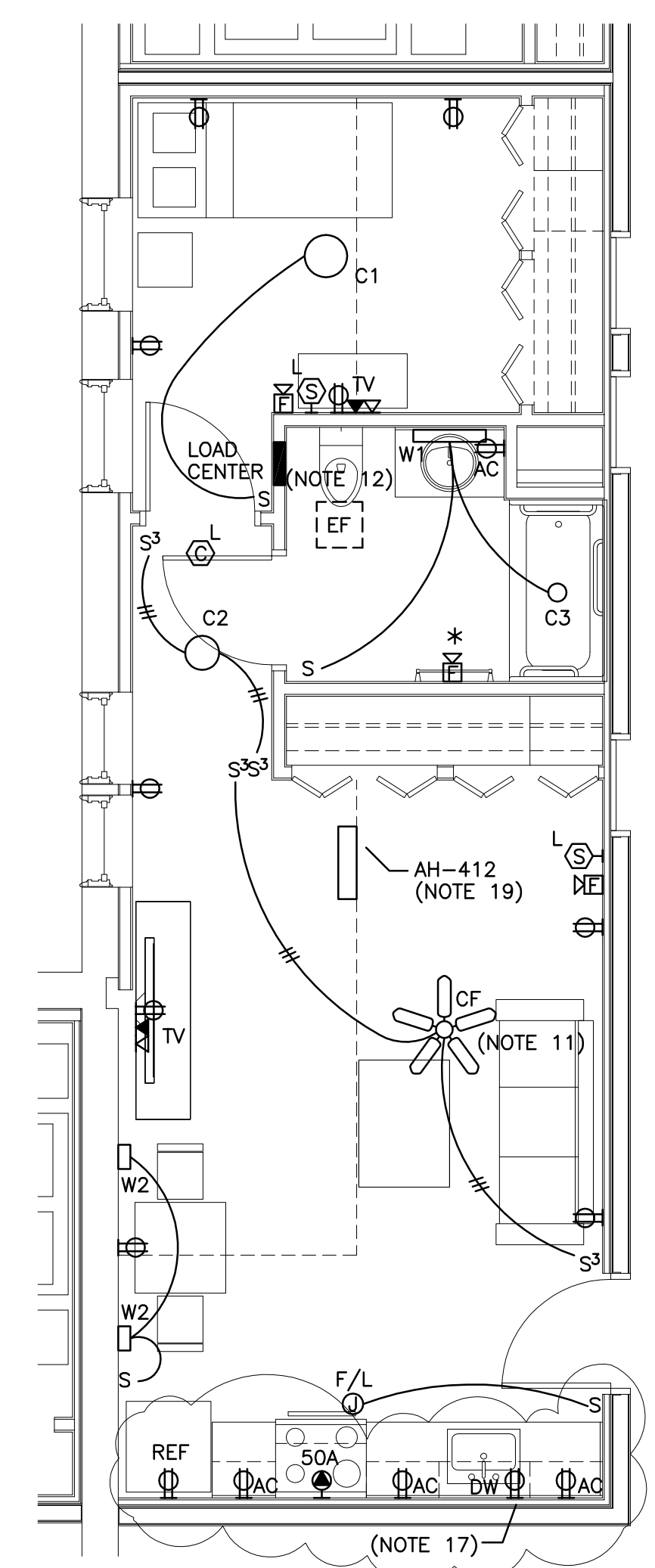
2 UNIT 404
1/4" = 1'-0"



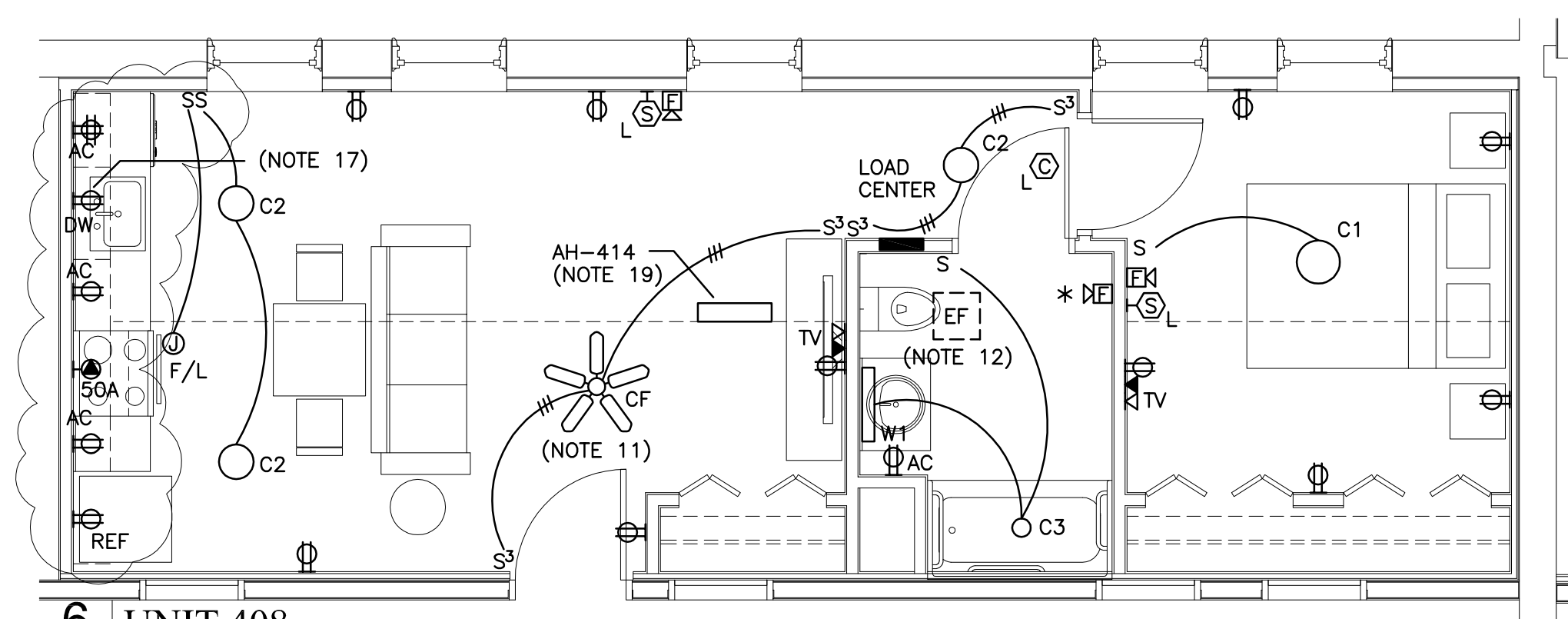
8 UNIT 409
1/4" = 1'-0"



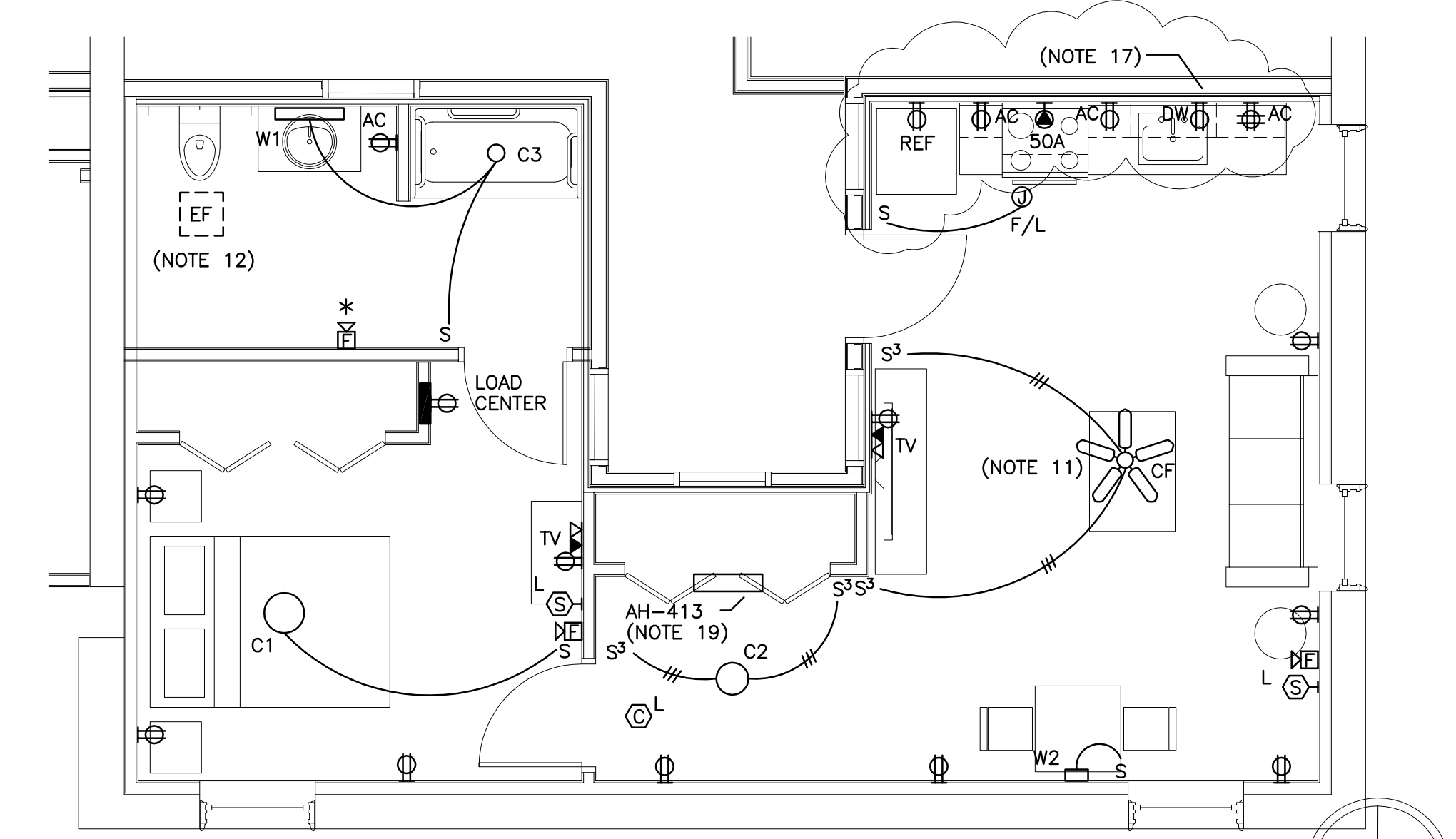
3 UNIT 405
1/4" = 1'-0"



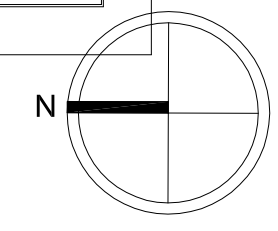
4 UNIT 406
1/4" = 1'-0"



6 UNIT 408
1/4" = 1'-0"



5 UNIT 407
1/4" = 1'-0"



Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
842 WASHINGTON STREET, BALTIMORE, MD 21201
TEL: (410) 443-4477 FAX: (410) 443-4560

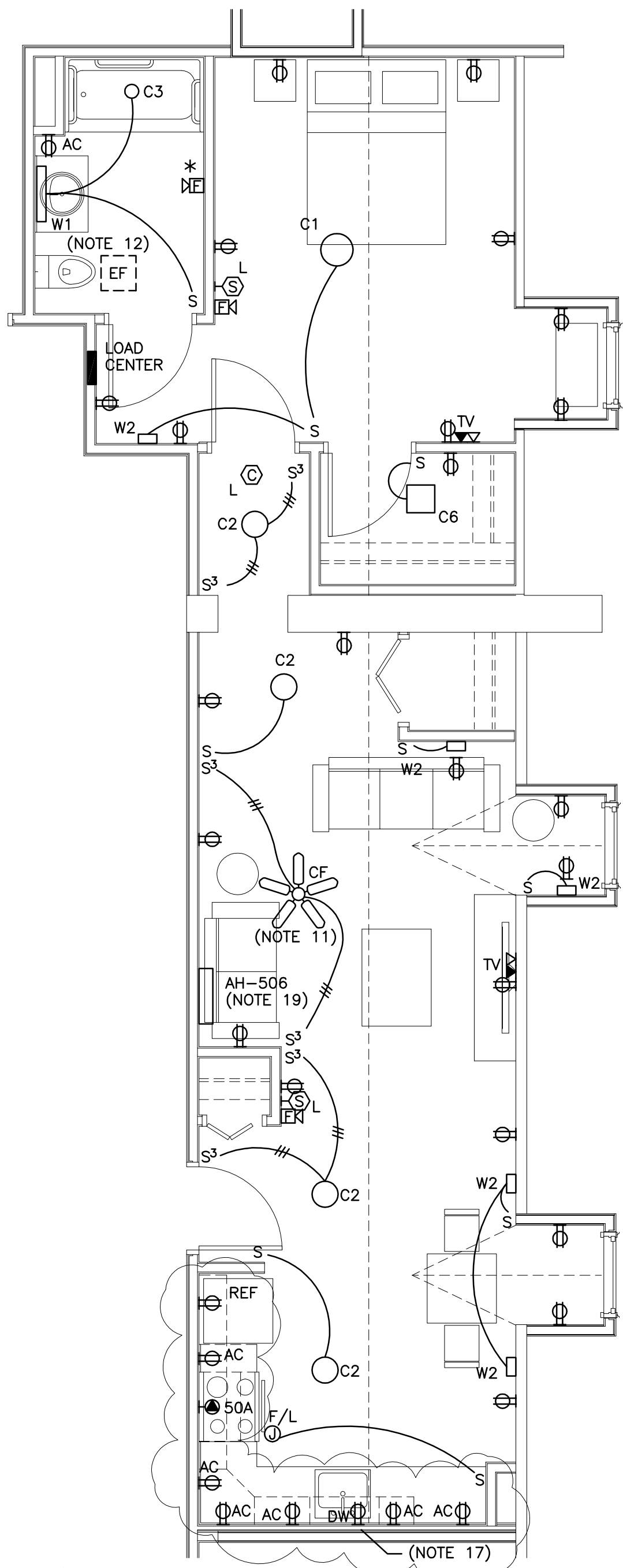
Architect:
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

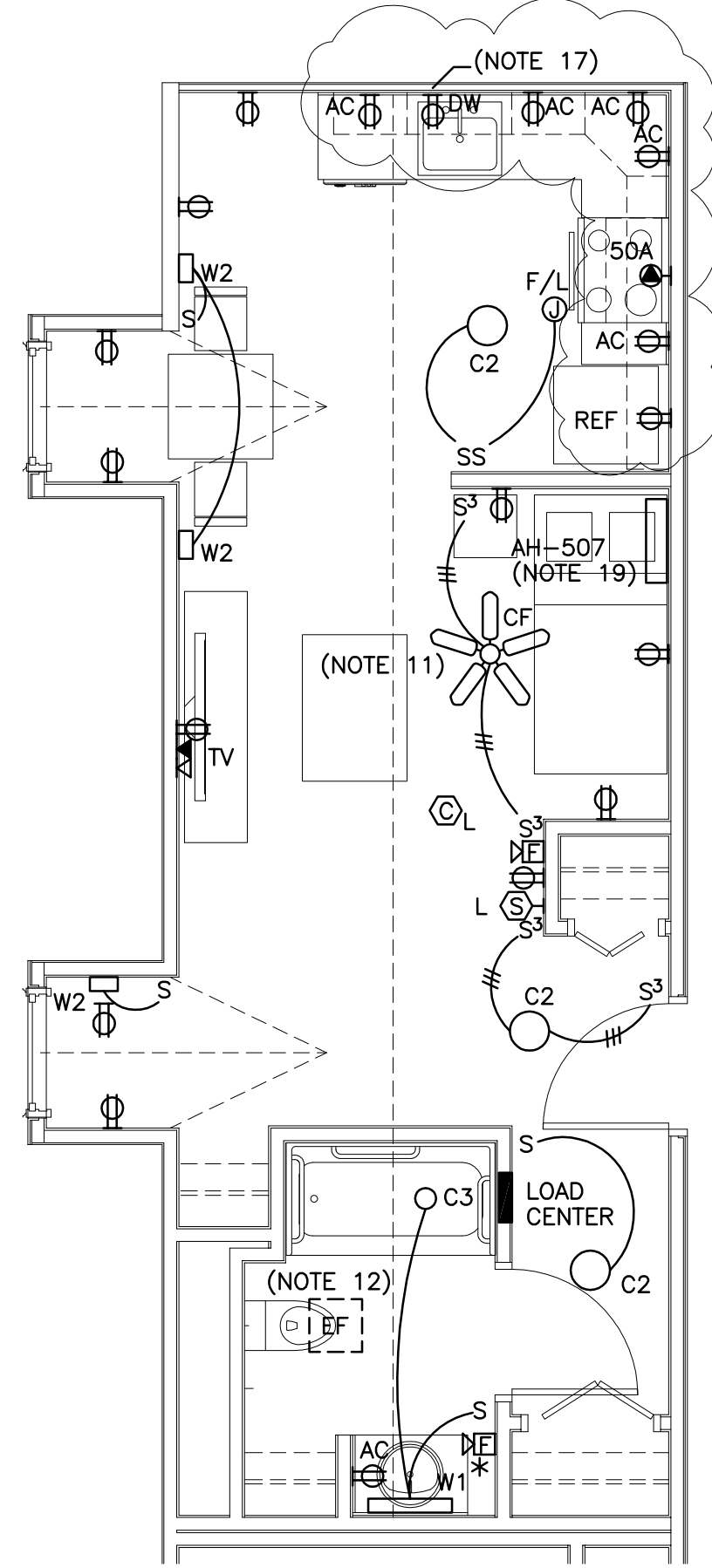
Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 403, 404, 405, 406,
407, 408, 409, 415 & 416

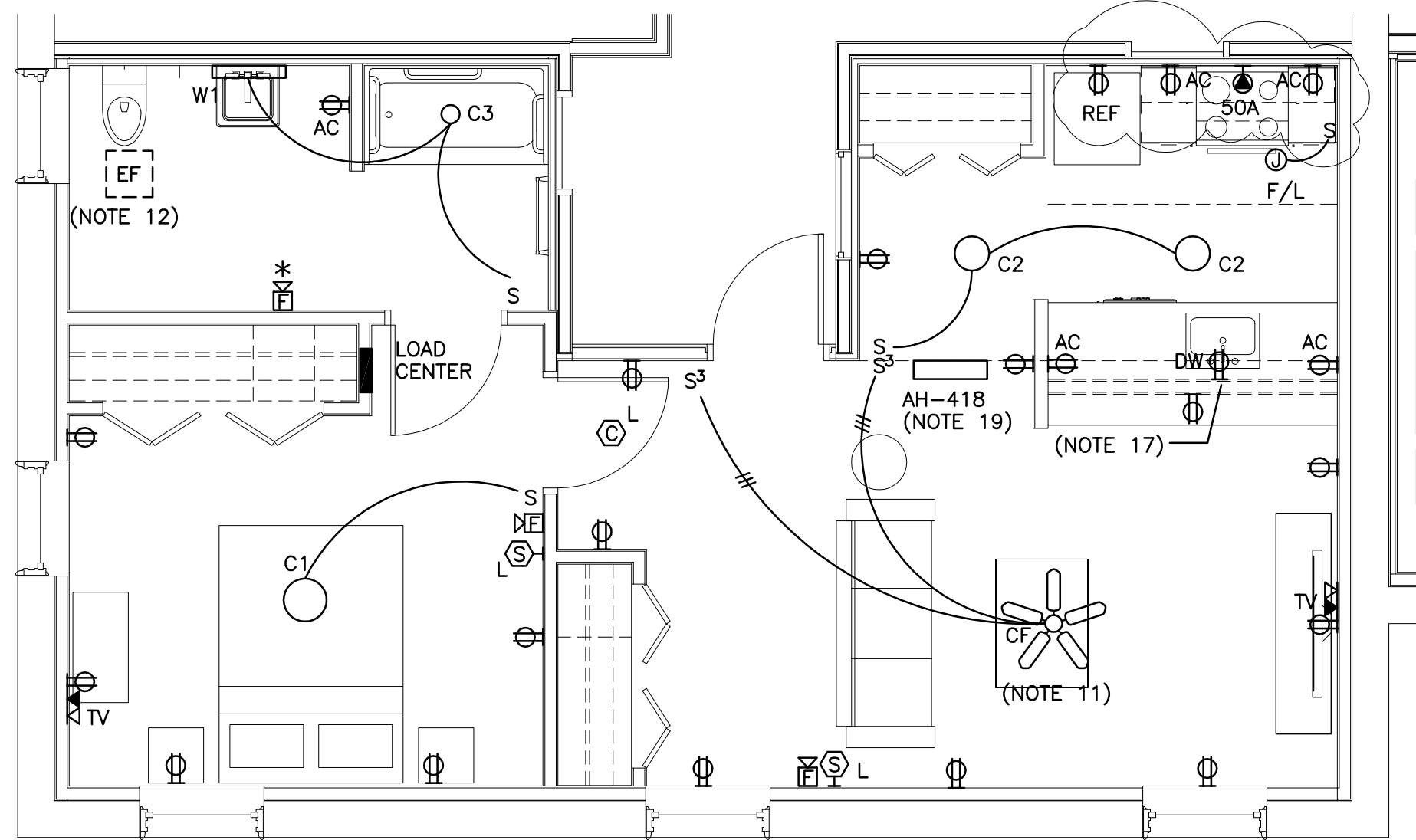
E3.09



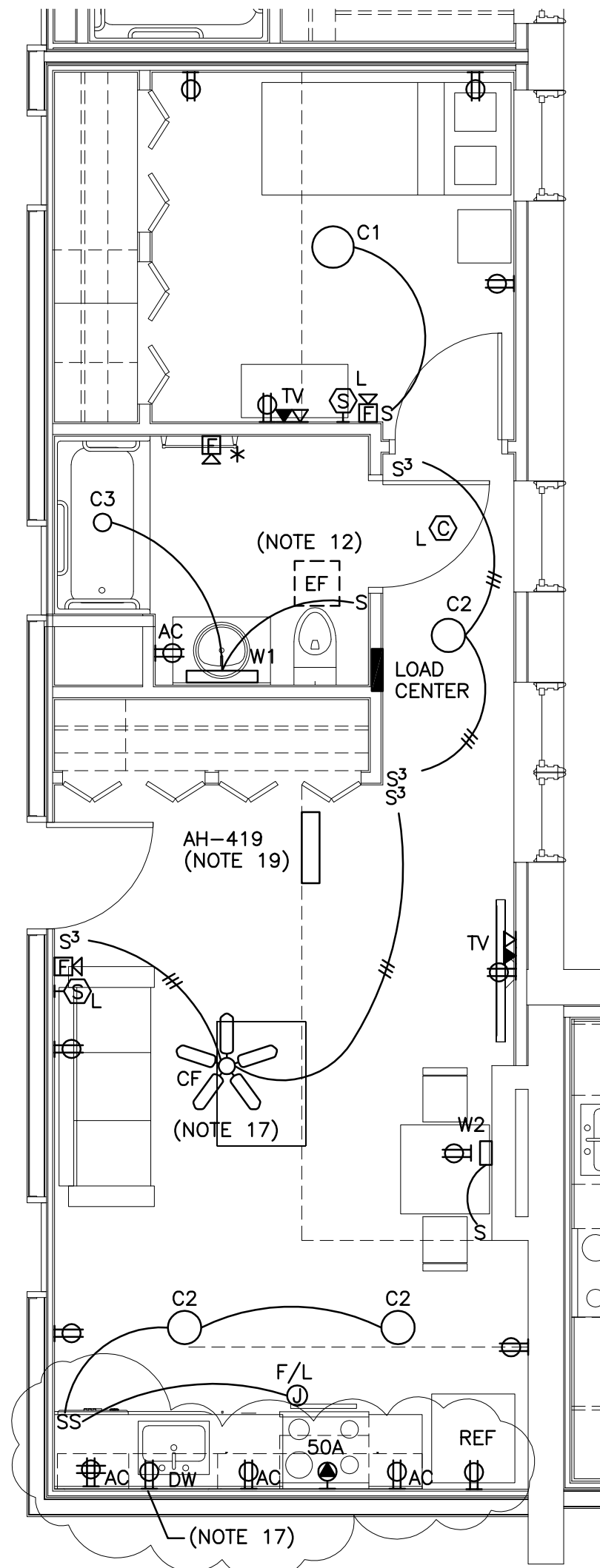
6 UNIT 503
1/4" = 1'-0"



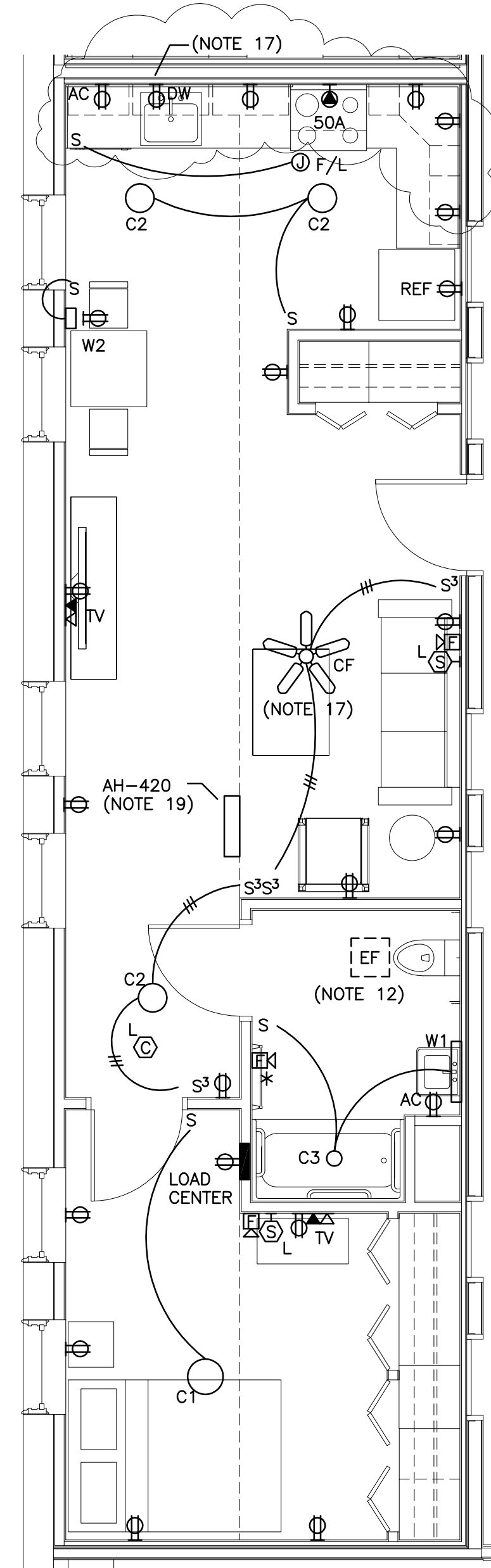
7 UNIT 504
1/4" = 1'-0"



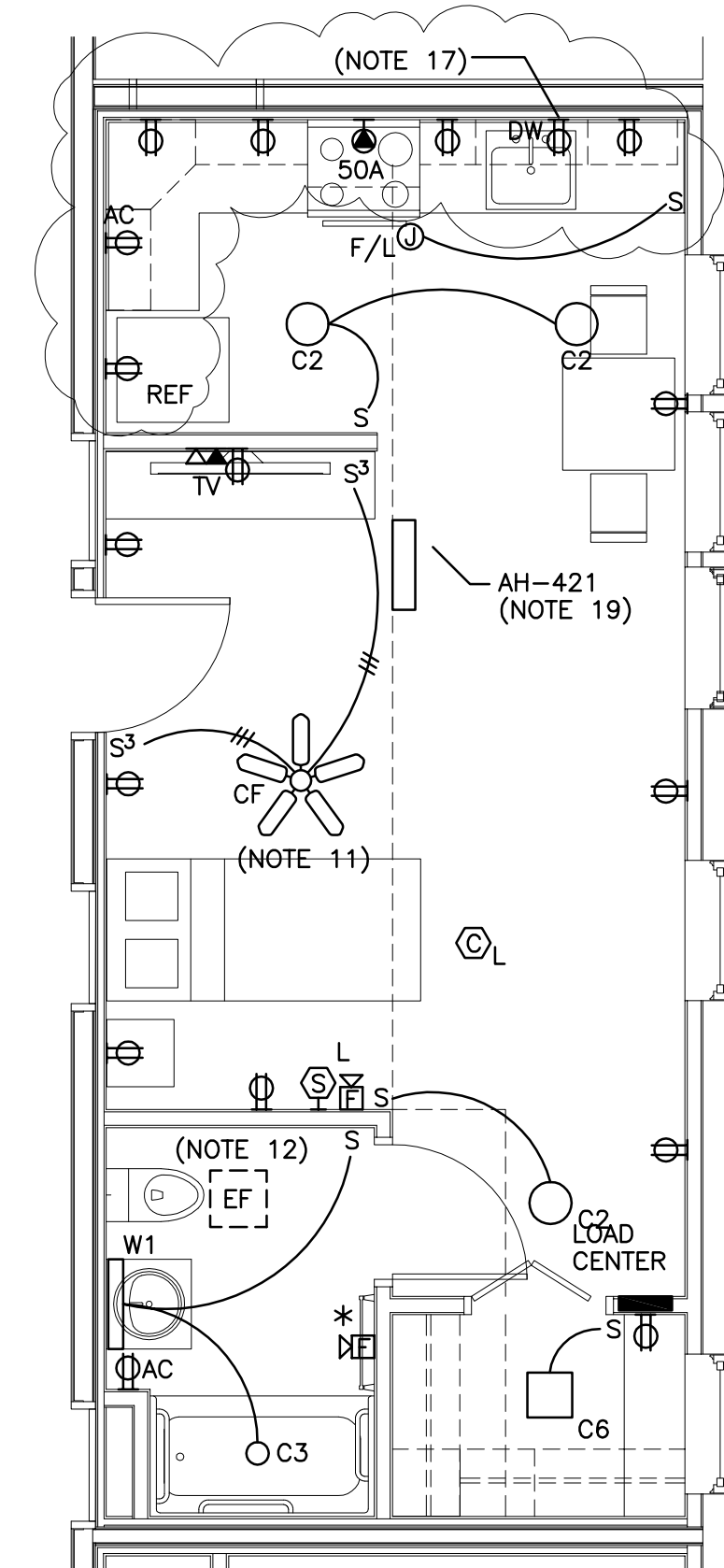
1 UNIT 417
1/4" = 1'-0"



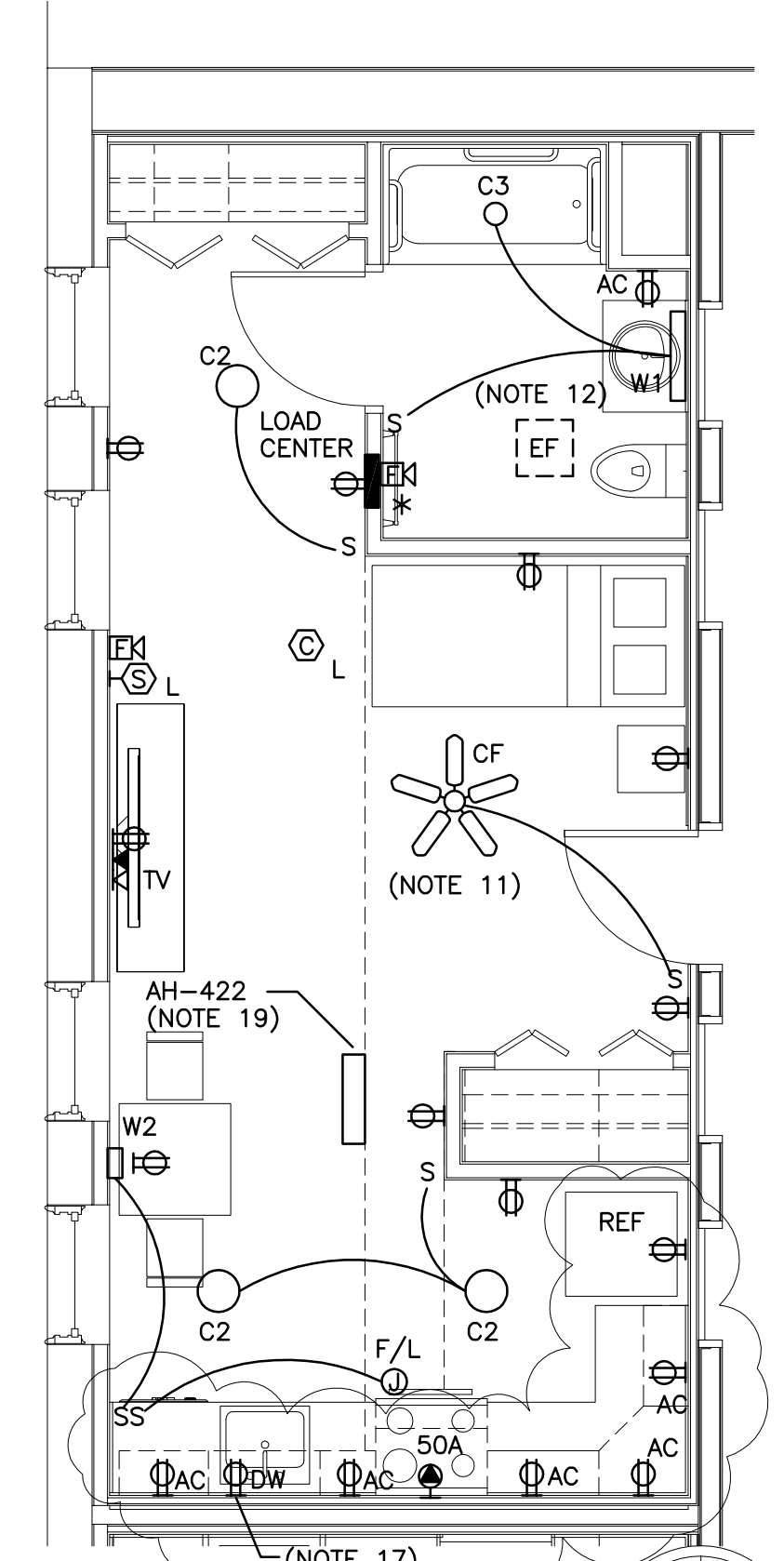
2 UNIT 418
1/4" = 1'-0"



3 UNIT 419
1/4" = 1'-0"



4 UNIT 420
1/4" = 1'-0"



5 UNIT 421
1/4" = 1'-0"

Prepared For:
**MOTHERHOUSE
LLC**

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET, BATH, ME 04530
TEL: (207) 443-3447 FAX: (207) 443-5500

Architect:
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

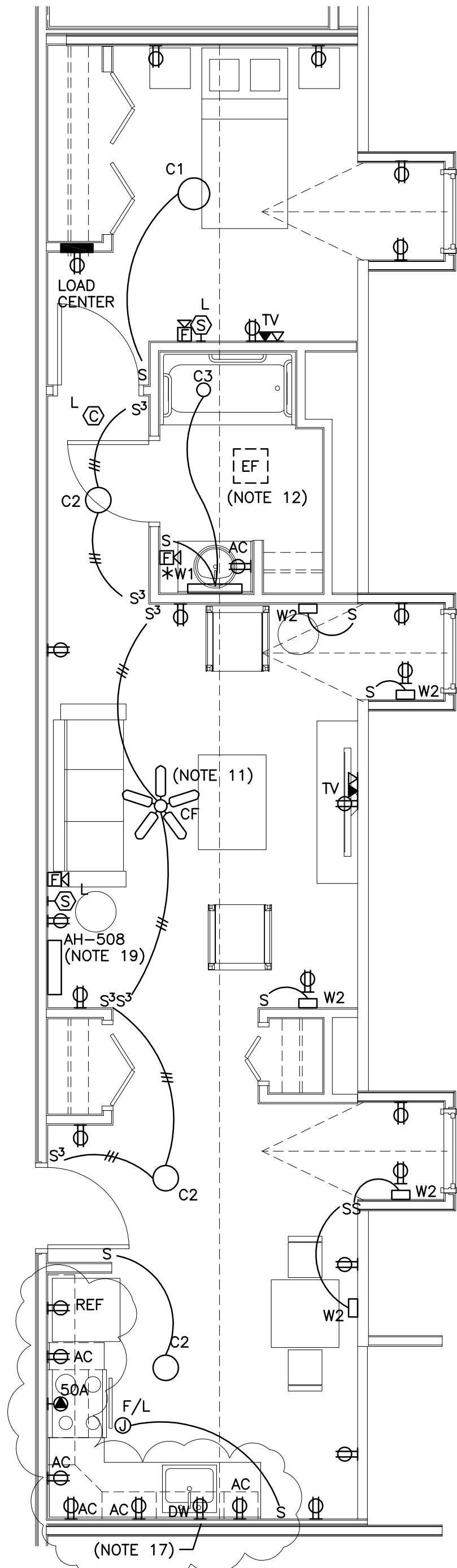
Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

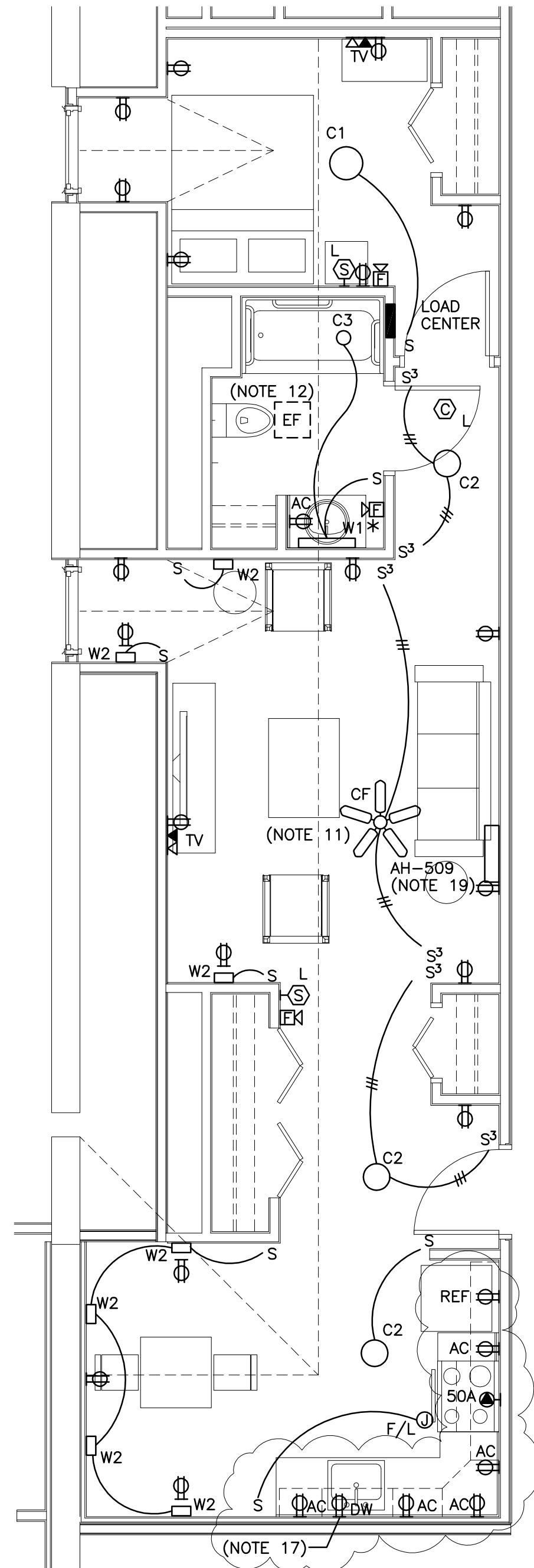
Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 417, 418, 419, 420,
421, 503 & 504

E3.10

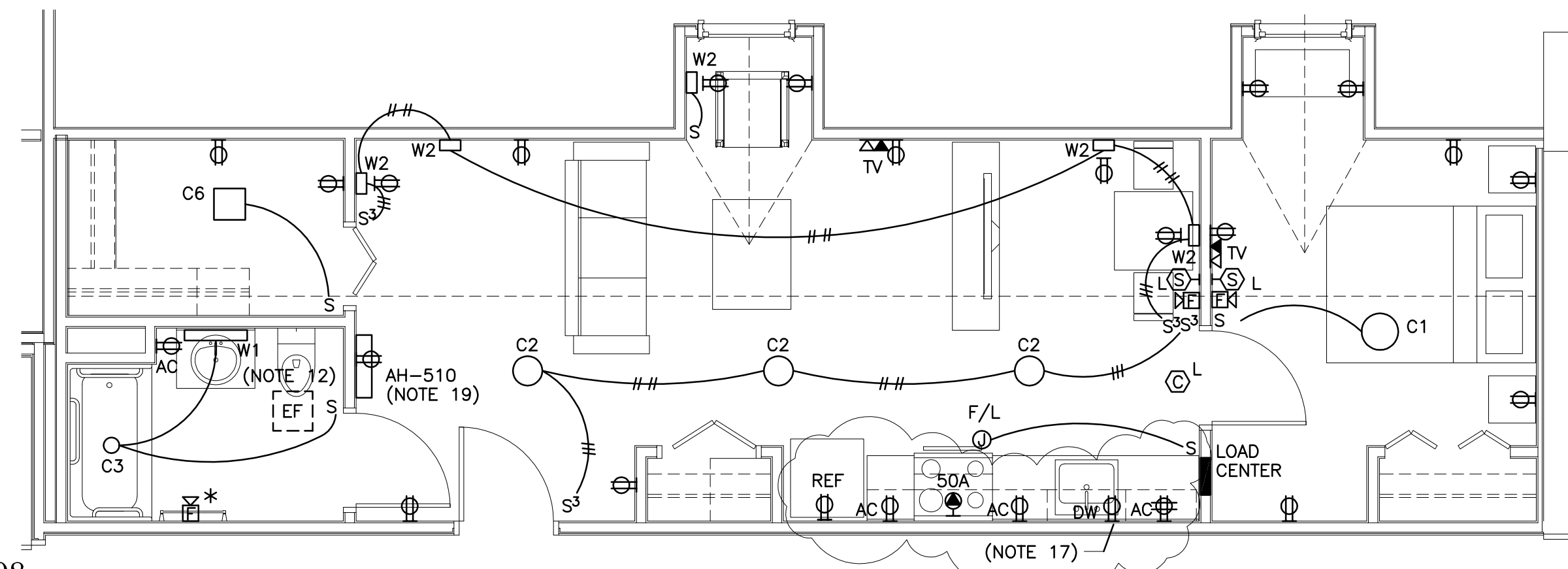
1 UNIT 505
1/4" = 1'-0"



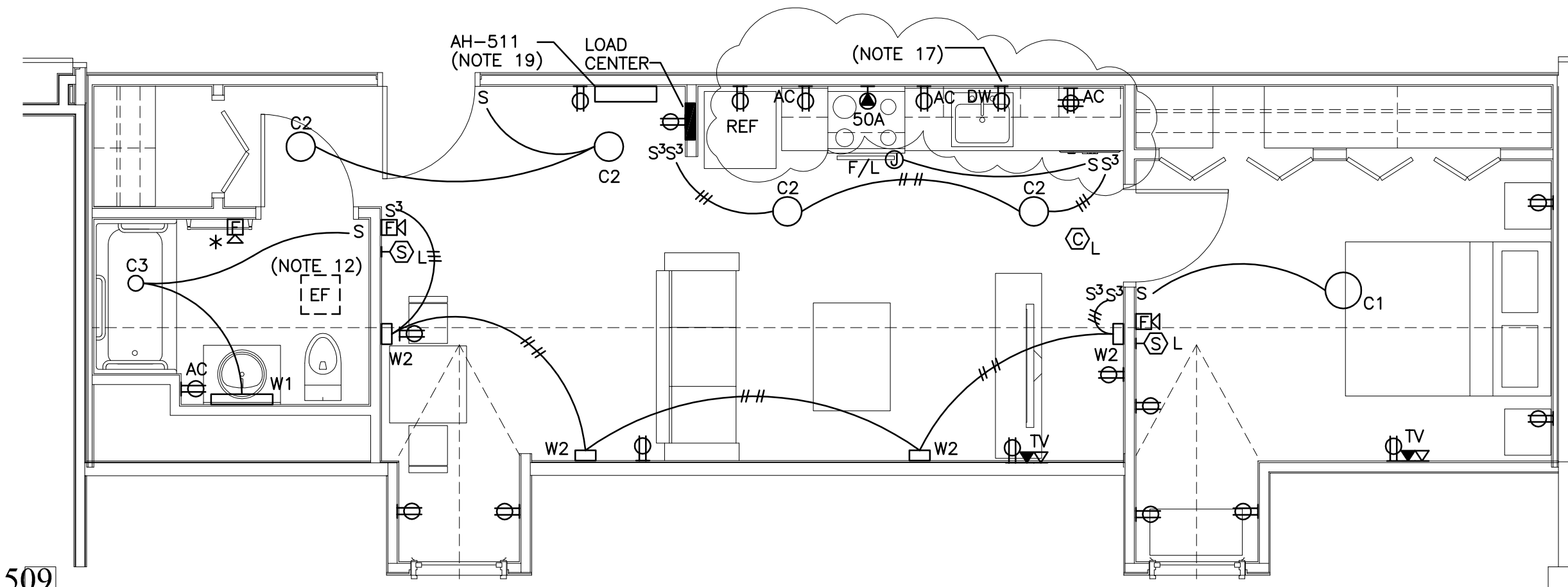
2 UNIT 506
1/4" = 1'-0"



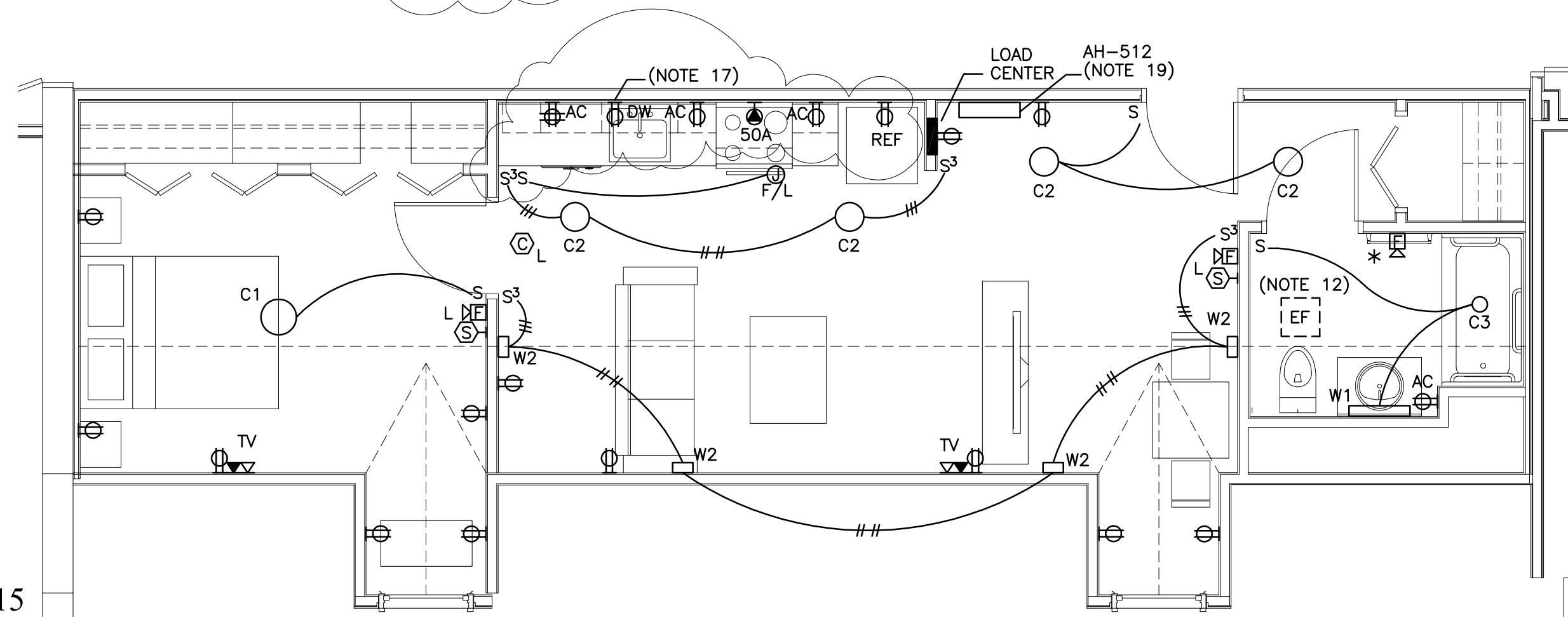
3 UNIT 508
1/4" = 1'-0"



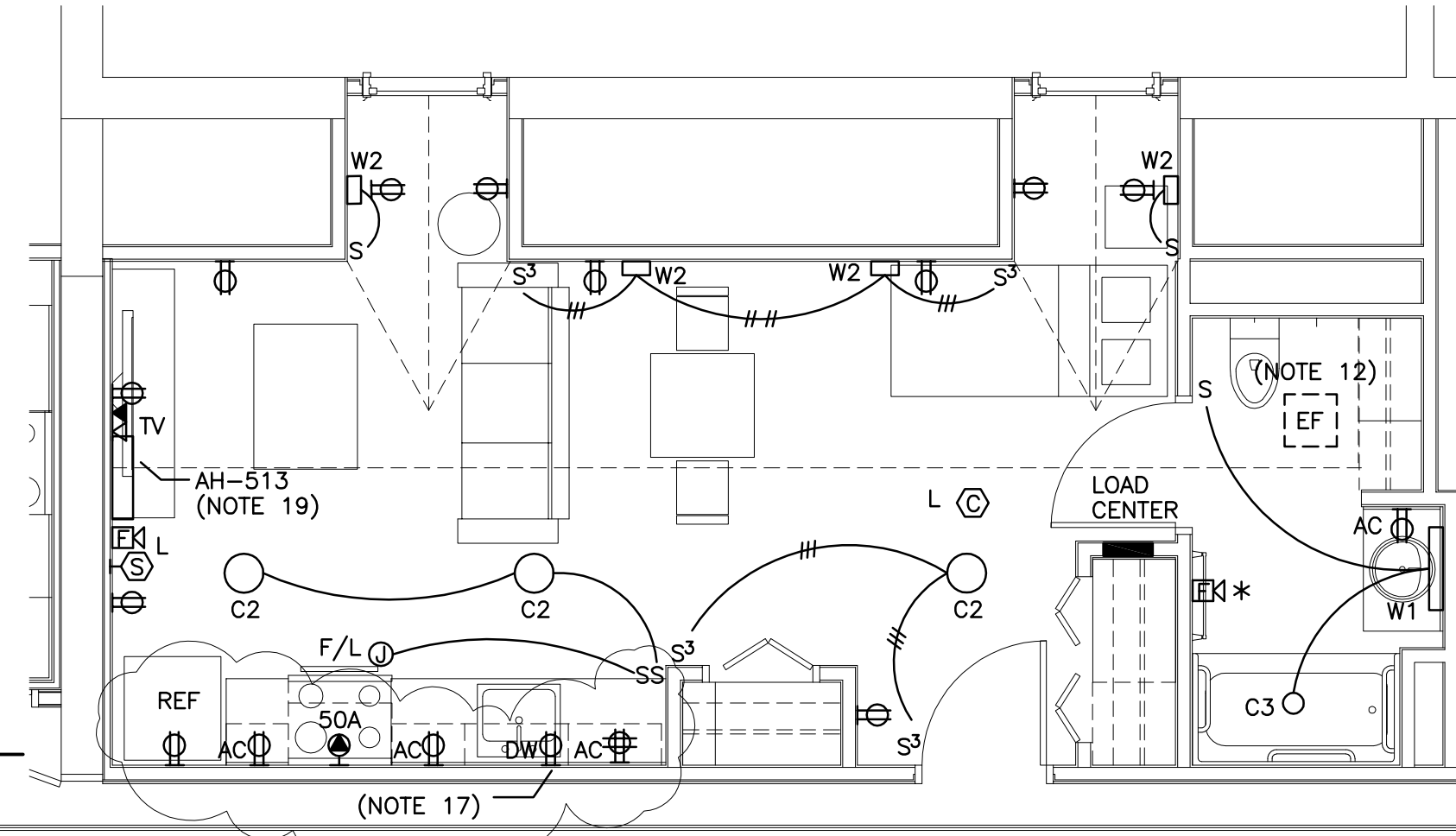
4 UNIT 509
1/4" = 1'-0"



5 UNIT 515
1/4" = 1'-0"



6 UNIT 516
1/4" = 1'-0"



Date: FEB 15, 2016

Scale: 1/4" = 1'-0"

UNIT PLANS
UNITS 505, 506, 508, 509,
515 & 516

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

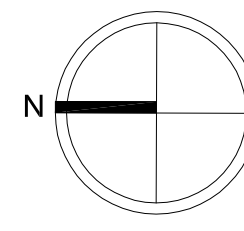
Project:
**MOTHERHOUSE
SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

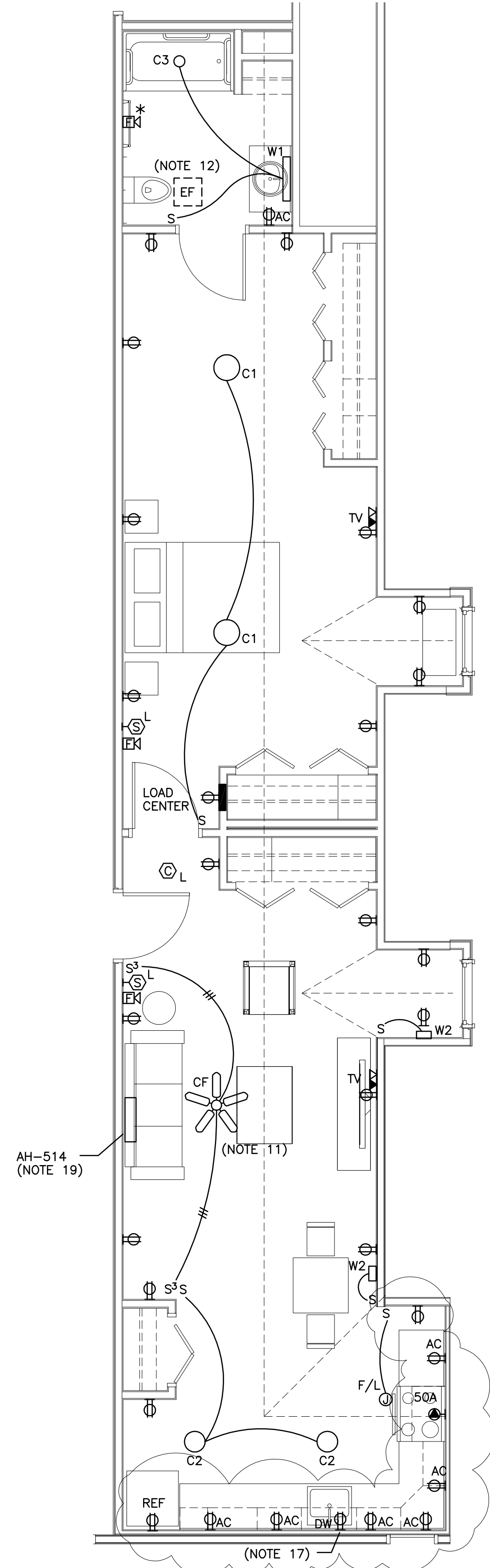
Architect:
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Consultant:
Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
1000 Commercial Street
Portland, Maine 04103
TEL (207) 463-9487 FAX (207) 463-9500

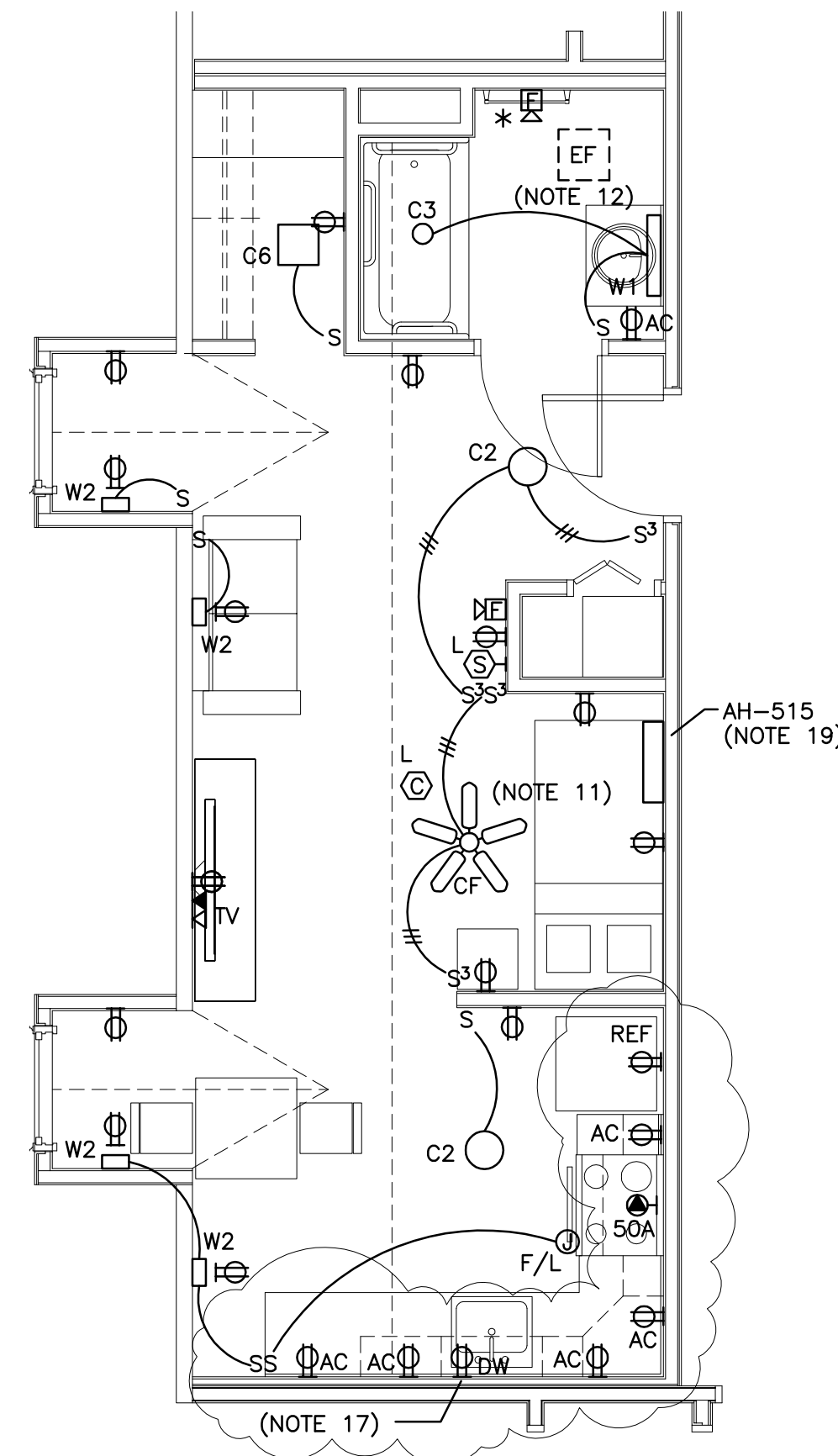
Prepared For:
**MOTHERHOUSE
LLC**

E3.11

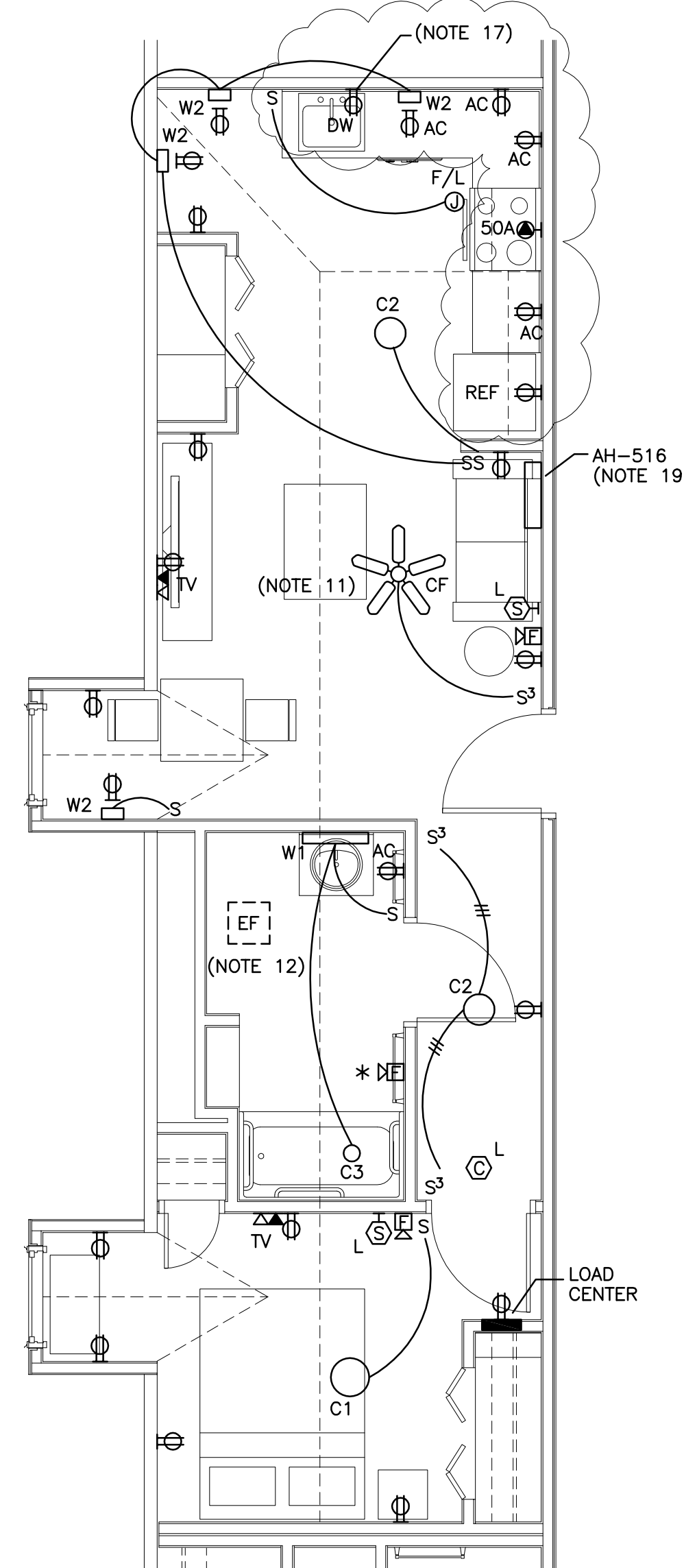




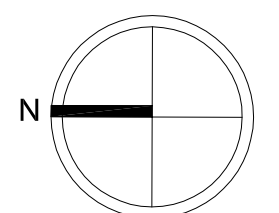
1 | UNIT 518
1/4" = 1'-0"



2 | UNIT 519
1/4" = 1'-0"



3 | UNIT 521
1/4" = 1'-0"



Date: FEB 15, 2016
Scale: 1/4" = 1'-0"
UNIT PLANS
UNITS 518, 519 & 521

Revisions:
02/15/16 MSHA 90% REVIEW
06/23/16 ISSUED FOR FIRE
MARSHAL REVIEW
10/07/16 FINAL BID SET
01/09/17 LIGHTING REVISIONS
03/01/17 ISSUED FOR
CONSTRUCTION

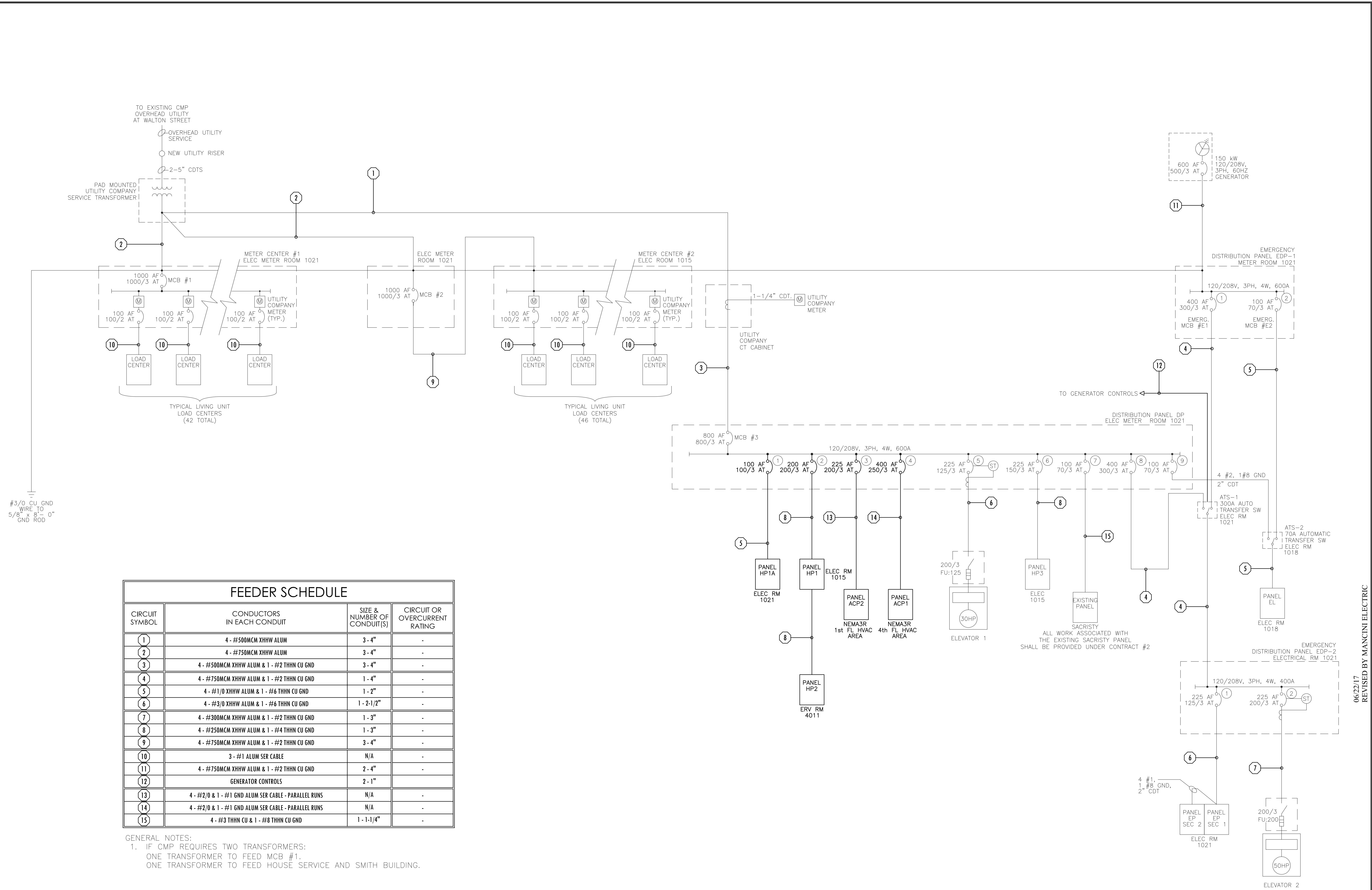
Project:
MOTHERHOUSE
SENIOR HOUSING
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Architect:
MOTHERHOUSE
48 Union Wharf
Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Consultant:
Bartlett Design
1402 WASHINGTON STREET
PORTLAND, MAINE 04103
TEL: (207) 445-4447 FAX (207) 445-4500

Prepared For:
MOTHERHOUSE
LLC

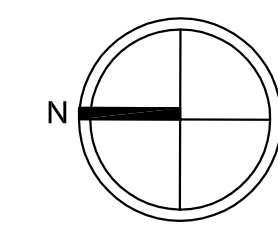
E3.12



FEEDER SCHEDULE			
CIRCUIT SYMBOL	CONDUCTORS IN EACH CONDUIT	SIZE & NUMBER OF CONDUIT(S)	CIRCUIT OR OVERCURRENT RATING
1	4 - #500MCM XHHW ALUM	3 - 4"	-
2	4 - #750MCM XHHW ALUM	3 - 4"	-
3	4 - #500MCM XHHW ALUM & 1 - #2 THHN CU GND	3 - 4"	-
4	4 - #750MCM XHHW ALUM & 1 - #2 THHN CU GND	1 - 4"	-
5	4 - #1/0 XHHW ALUM & 1 - #6 THHN CU GND	1 - 2"	-
6	4 - #3/0 XHHW ALUM & 1 - #6 THHN CU GND	1 - 2-1/2"	-
7	4 - #300MCM XHHW ALUM & 1 - #2 THHN CU GND	1 - 3"	-
8	4 - #250MCM XHHW ALUM & 1 - #4 THHN CU GND	1 - 3"	-
9	4 - #750MCM XHHW ALUM & 1 - #2 THHN CU GND	3 - 4"	-
10	3 - #1 ALUM SER CABLE	N/A	-
11	4 - #750MCM XHHW ALUM & 1 - #2 THHN CU GND	2 - 4"	-
12	GENERATOR CONTROLS		
13	4 - #2/0 & 1 - #1 GND ALUM SER CABLE - PARALLEL RUNS	N/A	-
14	4 - #2/0 & 1 - #1 GND ALUM SER CABLE - PARALLEL RUNS	N/A	-
15	4 - #3 THHN CU & 1 - #8 THHN CU GND	1 - 1-1/4"	-

GENERAL NOTES:
 1. IF CMP REQUIRES TWO TRANSFORMERS:
 ONE TRANSFORMER TO FEED MCB #1.
 ONE TRANSFORMER TO FEED HOUSE SERVICE AND SMITH BUILDING.

1 SINGLE LINE DIAGRAM
 NOT TO SCALE



Prepared For: **MOTHERHOUSE LLC**

Consultant: **Bartlett Design Group**
 1000 WASHINGTON STREET, PORTLAND, ME 04101
 TEL (877) 448-5447 FAX (877) 448-5660

Architect: **MOTHERHOUSE SENIOR HOUSING**
 48 Union Wharf Portland, Maine 04101
 (207) 772-6022 Fax (207) 772-4056
 605 STEVENS AVENUE PORTLAND, MAINE 04103

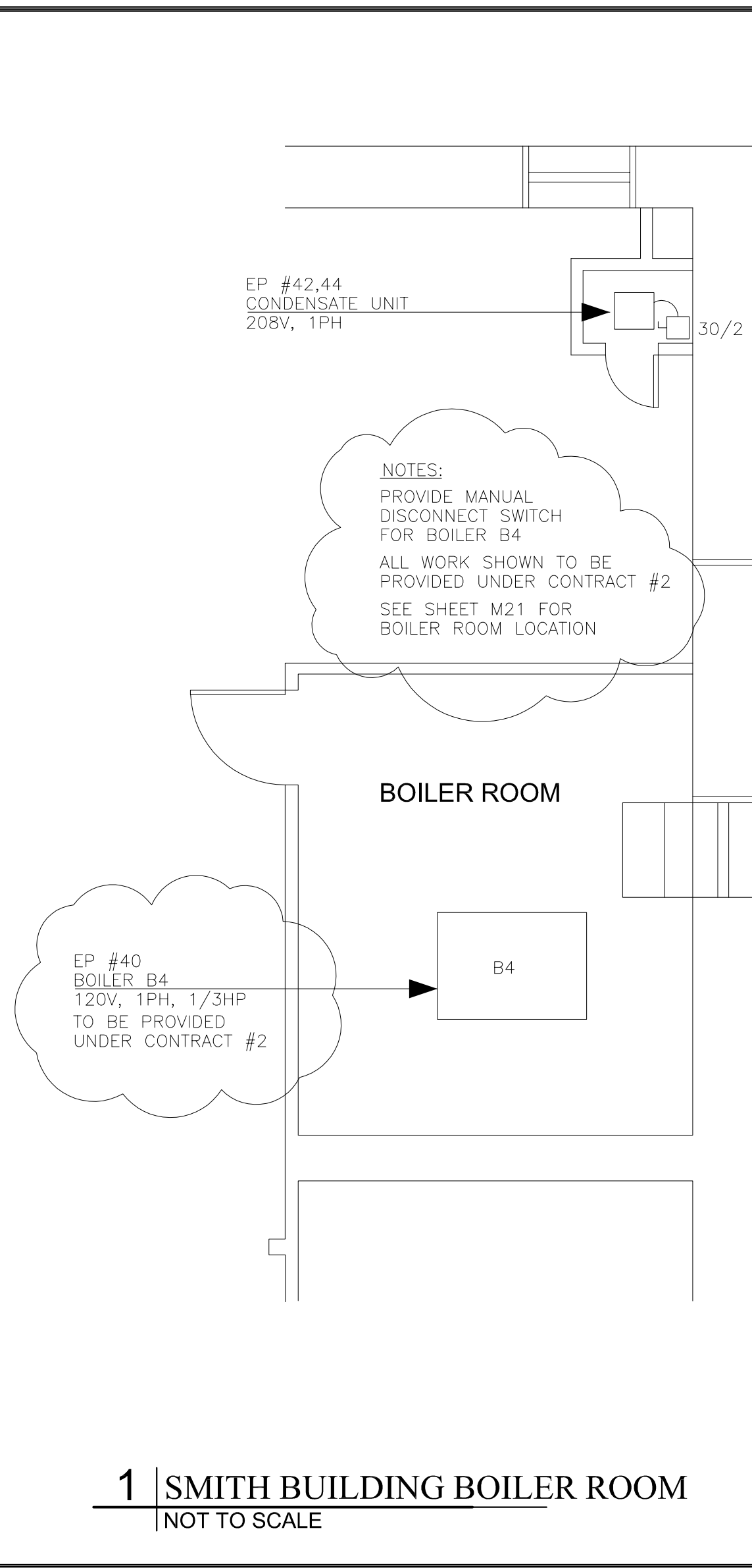
Project: **MOTHERHOUSE SENIOR HOUSING**

Revisions:
 02/15/16 MSHA 90% REVIEW
 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
 10/07/16 FINAL BID SET
 01/09/17 LIGHTING REVISIONS
 03/01/17 ISSUED FOR CONSTRUCTION

Date: **FEB 15, 2016** Scale: **NONE**

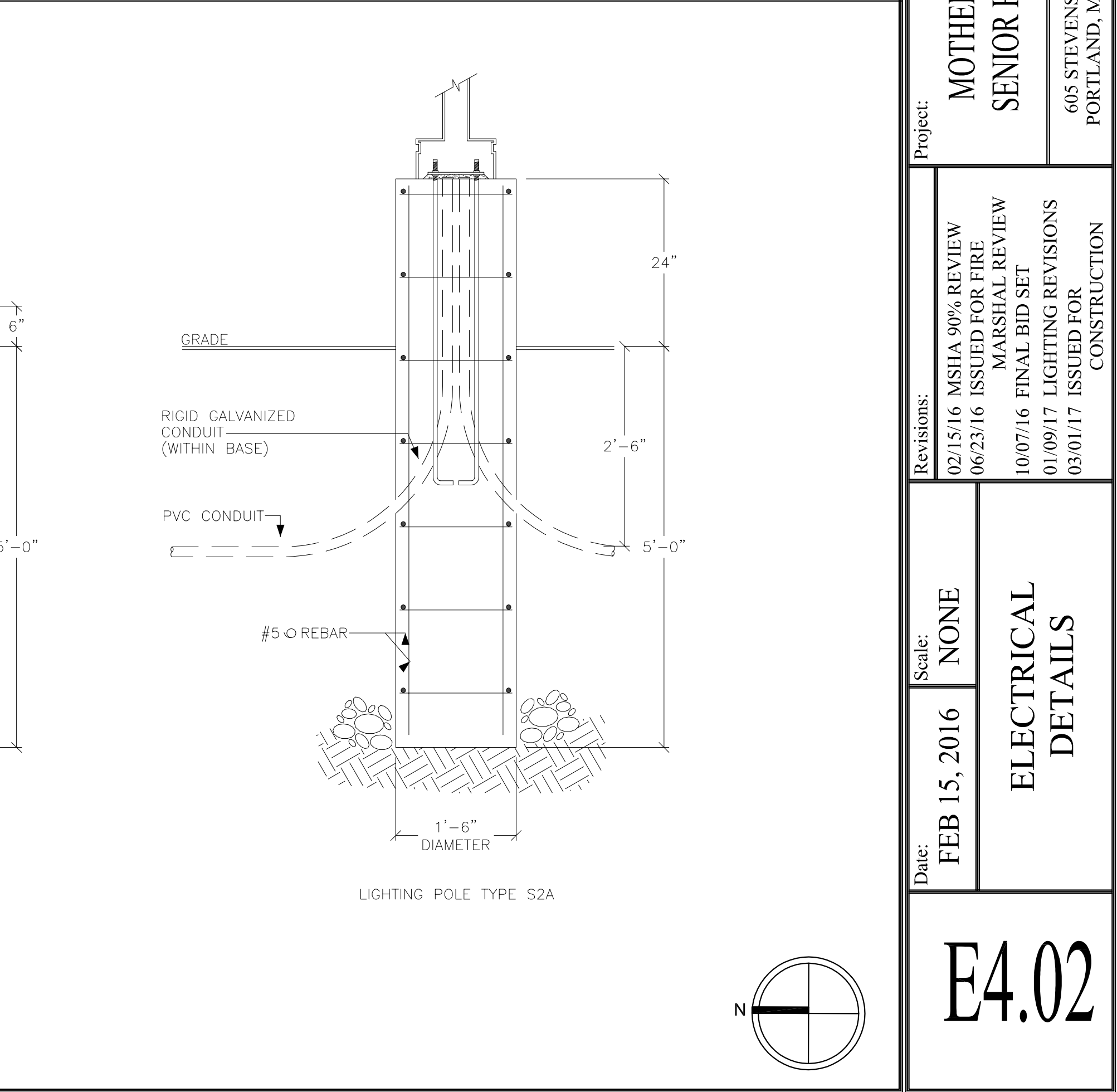
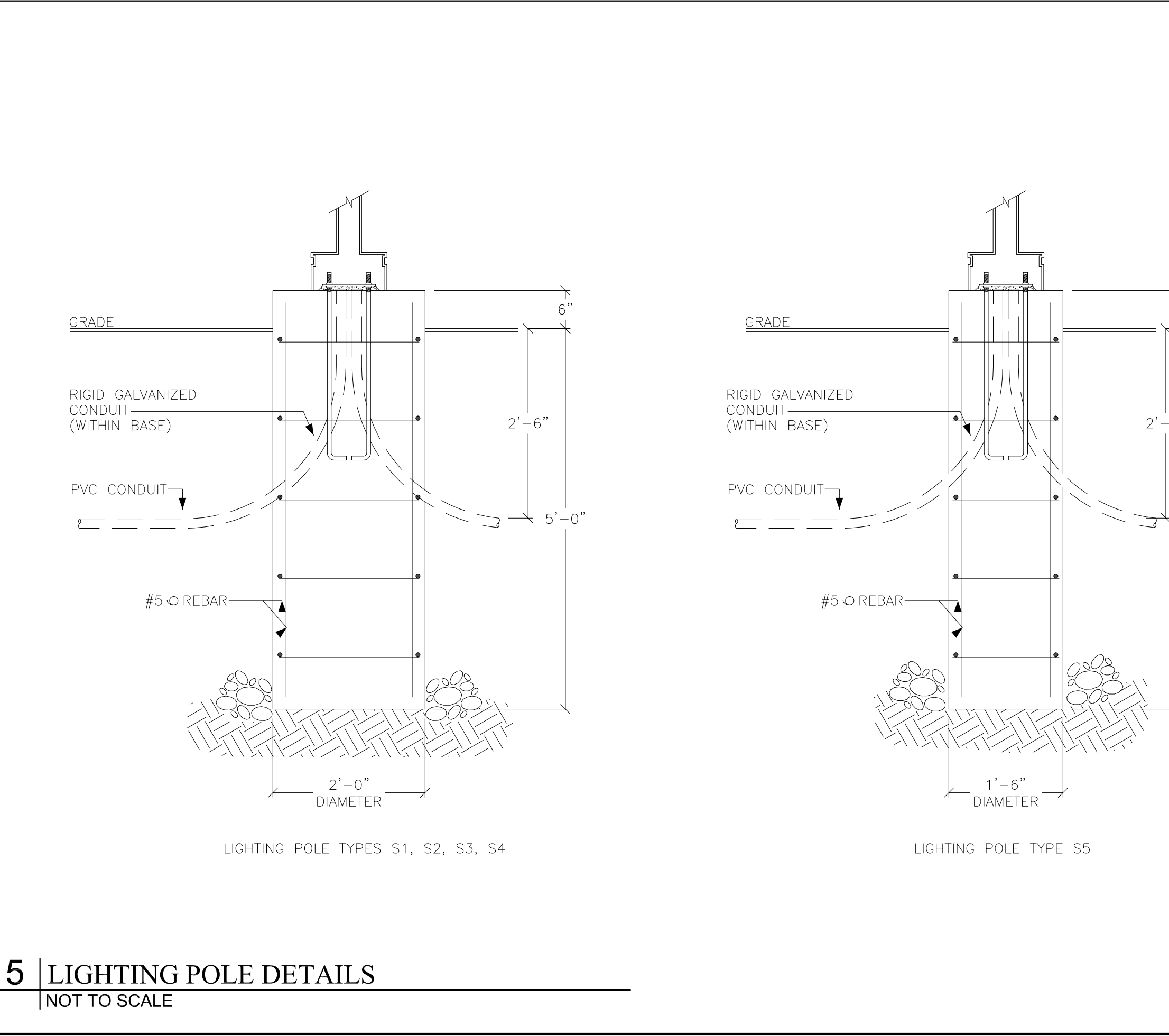
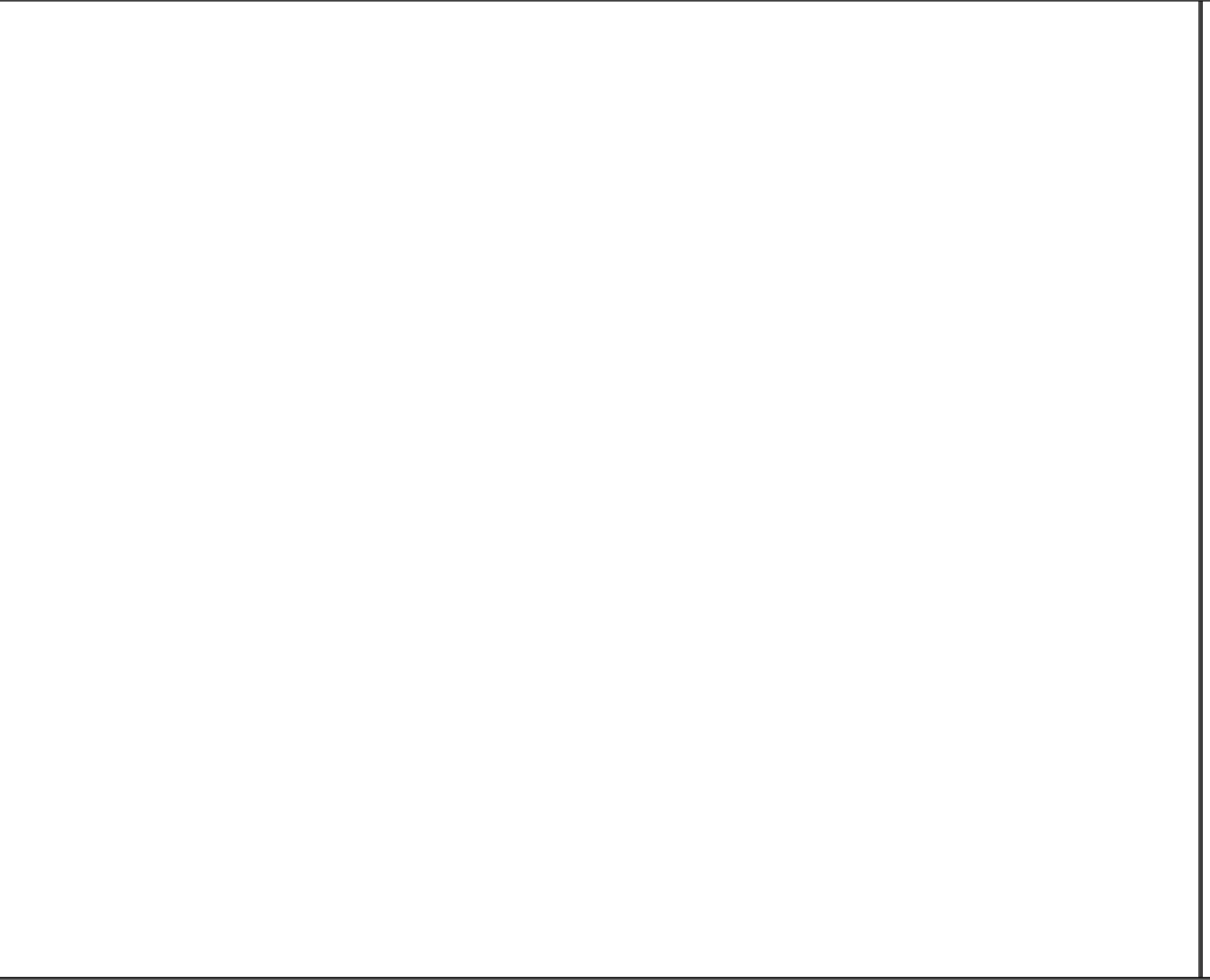
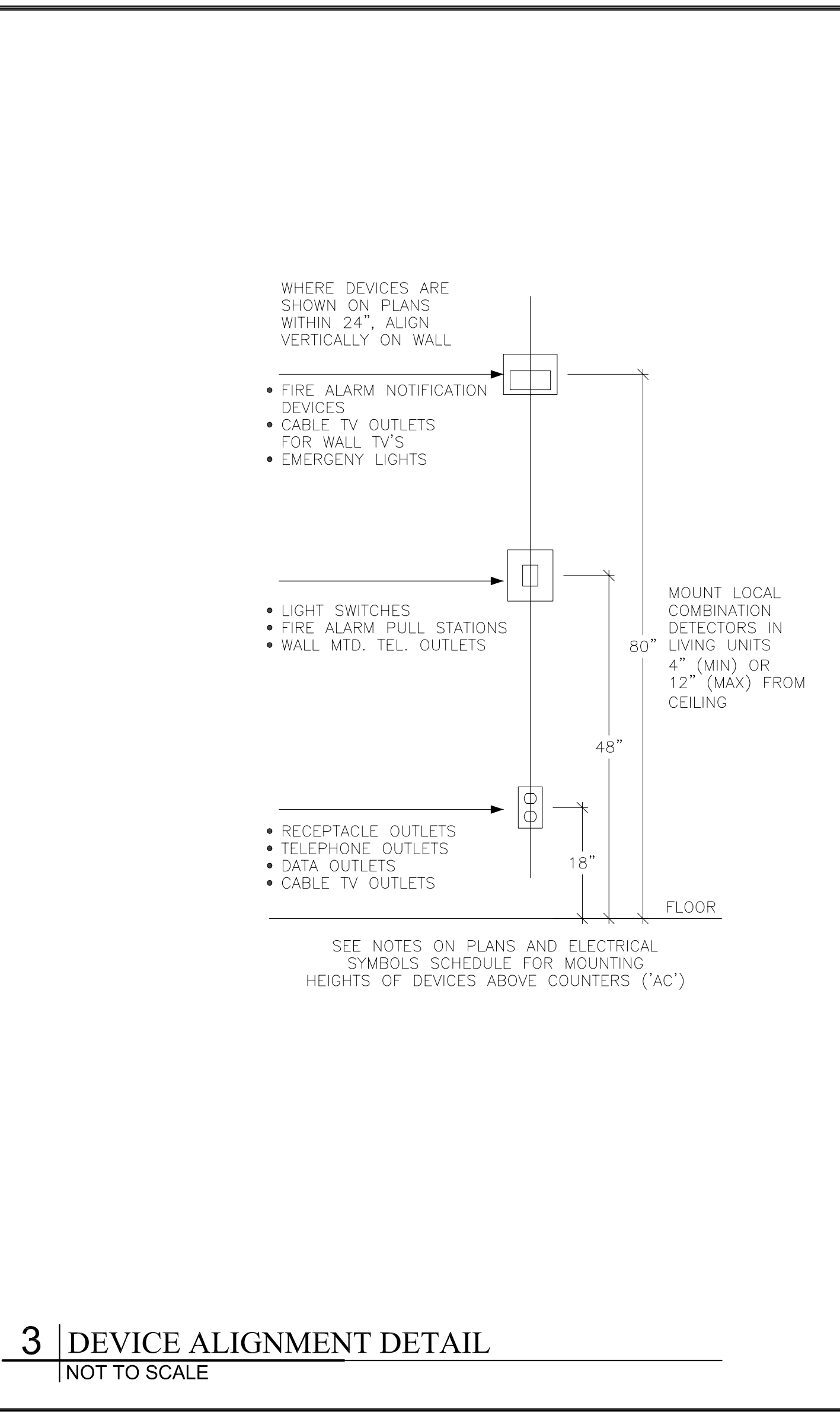
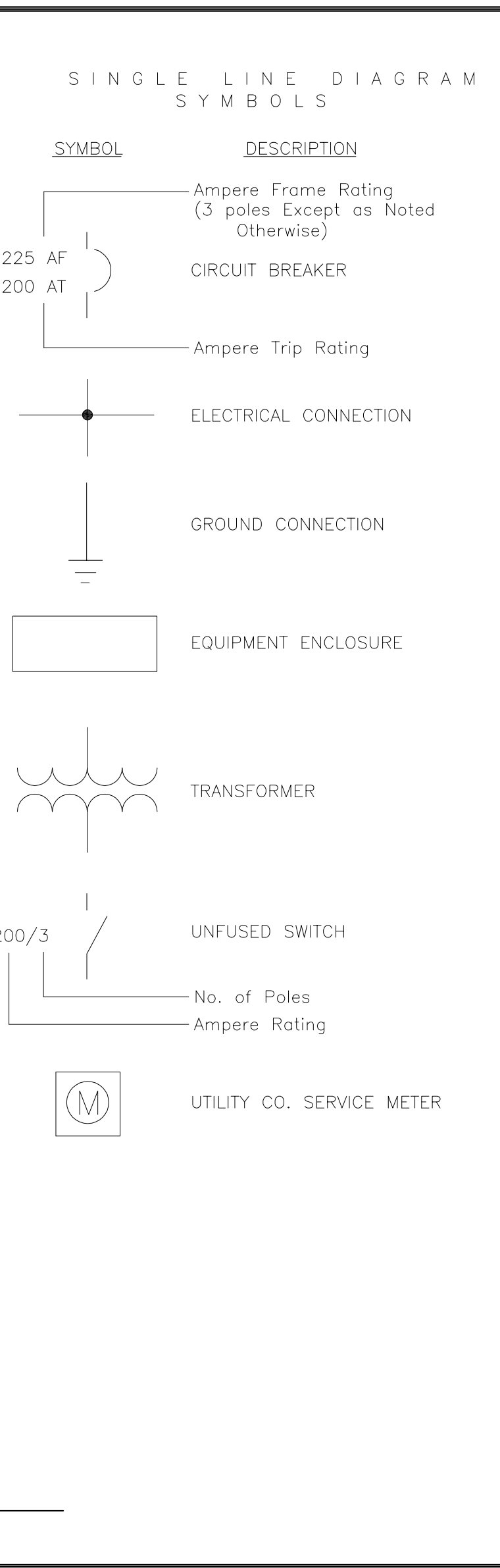
ELECTRICAL DETAILS

E4.01



2 | ELECTRICAL SYMBOLS
NONE

SYMBOL	DESCRIPTION
	125V, 20A, DUPLEX GROUNDED RECEPTACLE GFI = Ground Fault Type WP = Weatherproof AC = Mount 6" Above Sink or Counter
	125V, 20A, QUAD GROUNDED RECEPTACLE
	250V, SINGLE GROUNDED RECEPTACLE Ampere Rating
	TELEPHONE OUTLET
	DATA NETWORK OUTLET Wireless Outlet 12" Below Ceiling
	CABLE TELEVISION OUTLET
	WALL MTD MOTION DETECTOR
	CEILING MTD MOTION DETECTOR
	MANUAL MOTOR SWITCH
	FIRE ALARM SMOKE DETECTOR Indicates Localized Detector
	CARBON MONOXIDE SMOKE DETECTOR Indicates Localized Detector
	FIRE ALARM AUDIO VISUAL Indicates Visual Only Candela Rating
	FIRE ALARM PULL STATION
	FIRE ALARM HEAT DETECTOR
	JUNCTION BOX
	DOOR INTERCOM STATION
	SURVEILLANCE CAMERA
	#2 CEILING MTD, FLUORESCENT LIGHT FIXTURE Load Center Circuit Number
	#2 WALL MOUNTED LIGHT FIXTURE Fixture Designation
	#2 RECESSED/CEILING MOUNTED LIGHT FIXTURE
	LIGHT/DEVICE SWITCH 3 = Three-Way Type
	ELECTRIC LOAD CENTER/PANELBOARD



Prepared For: **MOTHERHOUSE LLC**

Consultant: **Bartlett Design**
LIGHTING & ELECTRICAL ENGINEERING
442 WASHINGTON STREET, BALTIMORE, MD 21201
TEL: (410) 443-5447 FAX: (410) 443-5880

Architect: **MOTHERHOUSE SENIOR HOUSING**
605 STEVENS AVENUE
PORTLAND, MAINE 04103

Project: **MOTHERHOUSE SENIOR HOUSING**
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

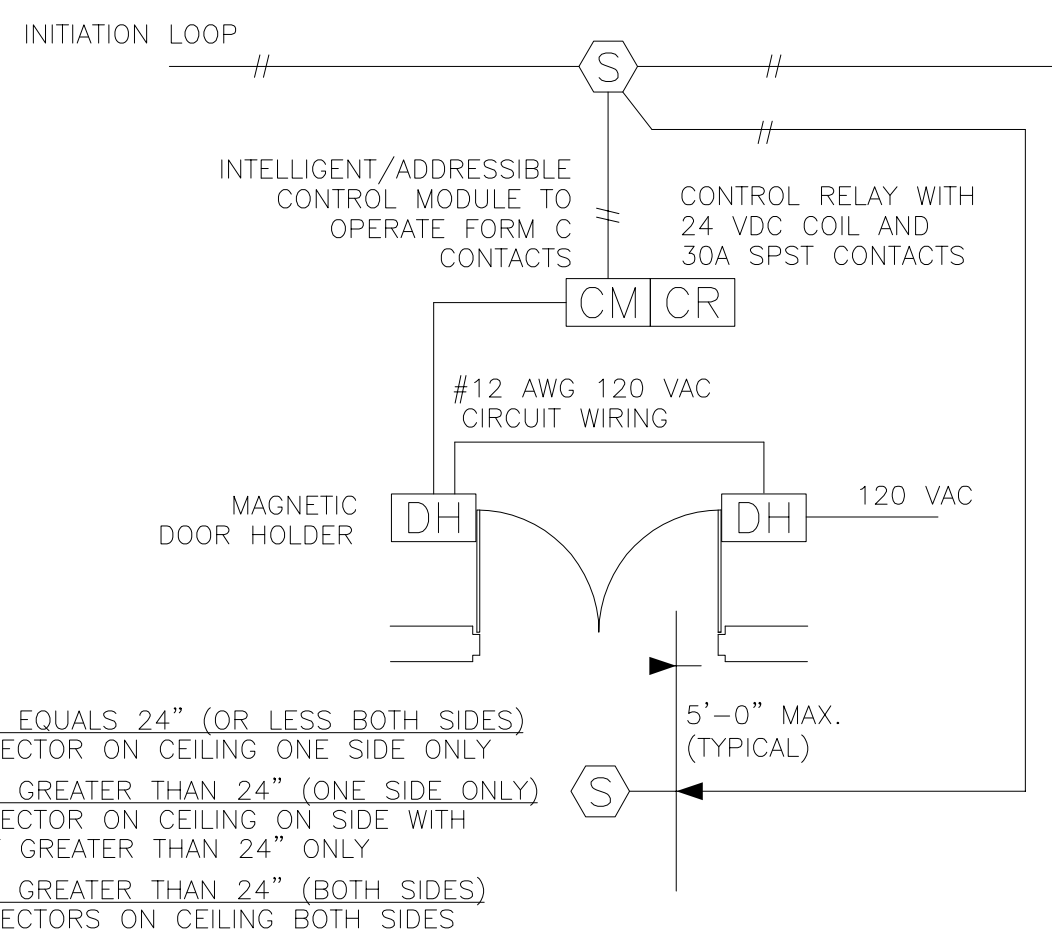
Revisions:

02/15/16	MSHA, 90% REVIEW
06/23/16	ISSUED FOR FIRE MARSHAL REVIEW
10/07/16	FINAL BID SET
01/09/17	LIGHTING REVISIONS
03/01/17	ISSUED FOR CONSTRUCTION

Date: **FEB 15, 2016** Scale: **NONE**

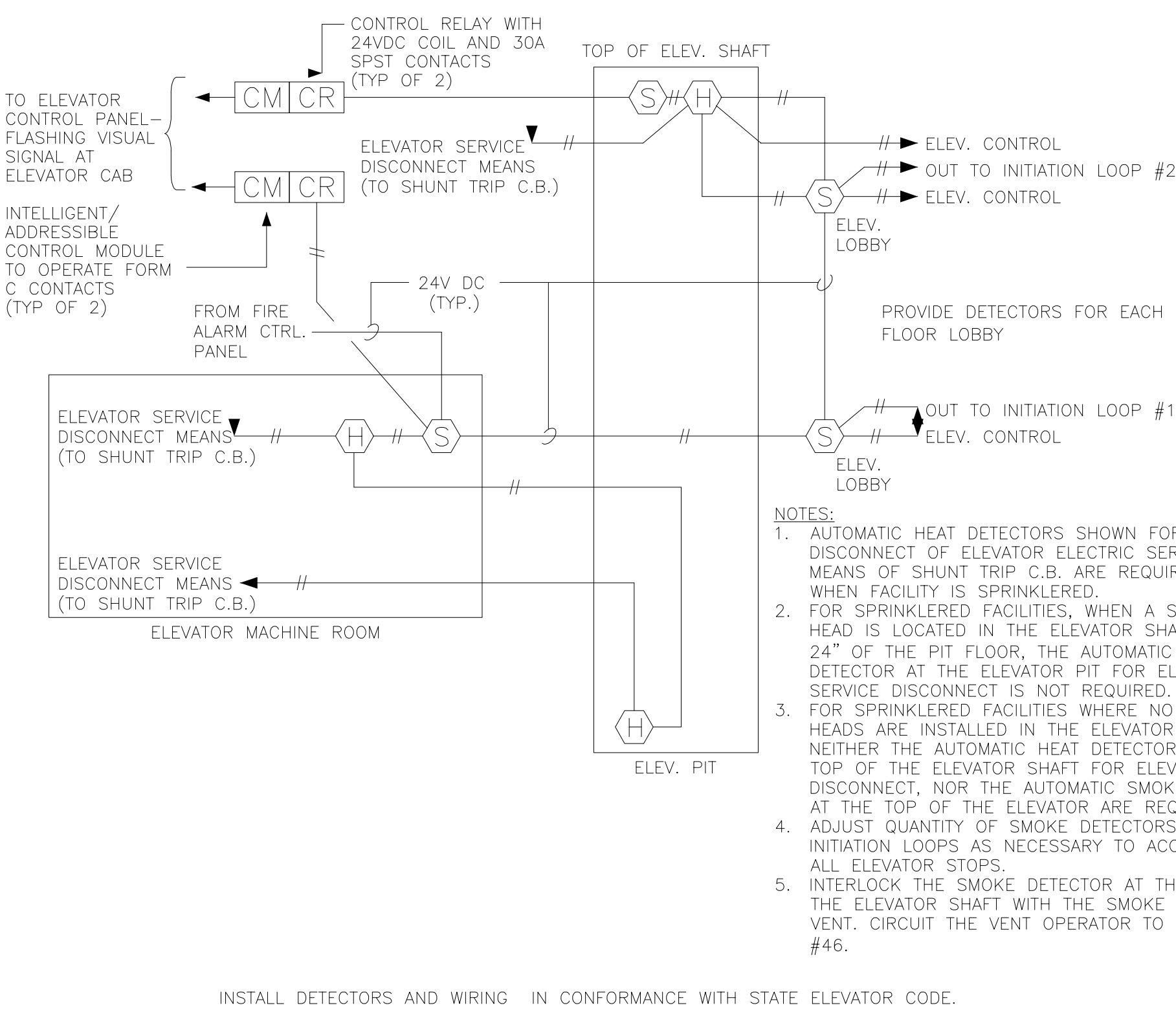
ELECTRICAL DETAILS

E4.02



DOOR HEAD HT. EQUALS 24" (OR LESS BOTH SIDES)
 PROVIDE DETECTOR ON CEILING ONE SIDE ONLY
 DOOR HEAD HT. GREATER THAN 24" (ONE SIDE ONLY)
 PROVIDE DETECTOR ON CEILING ON SIDE WITH
 HEAD HEIGHT GREATER THAN 24" ONLY
 DOOR HEAD HT. GREATER THAN 24" (BOTH SIDES)
 PROVIDE DETECTORS ON CEILING BOTH SIDES

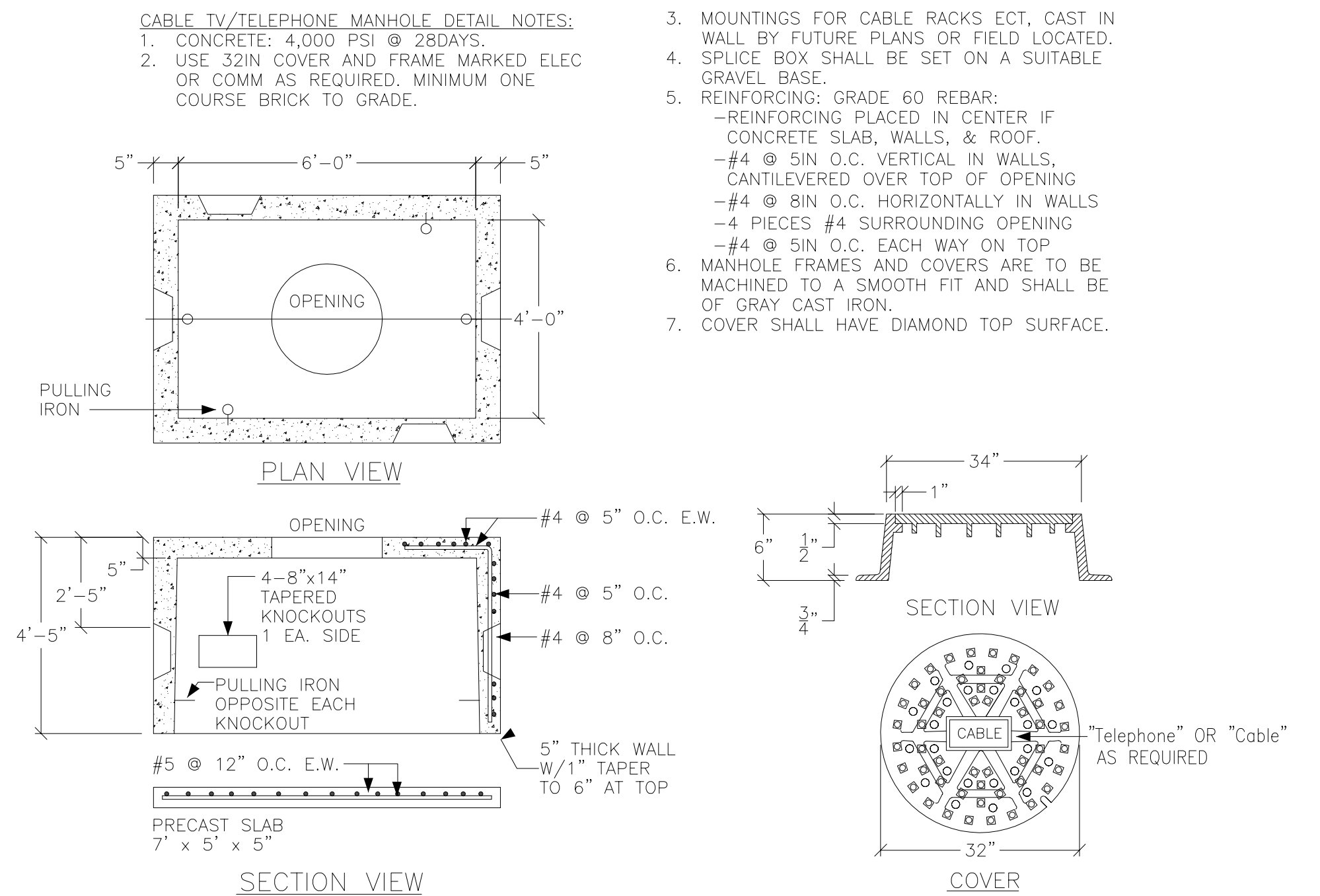
3 FIRE ALARM DOOR HOLDER INTERFACE WIRING DIAGRAM
 NOT TO SCALE



NOTES:
 1. AUTOMATIC HEAT DETECTORS SHOWN FOR AUTOMATIC DISCONNECT OF ELEVATOR ELECTRIC SERVICE BY MEANS OF SHUNT TRIP C.B. ARE REQUIRED ONLY WHEN FACILITY IS SPRINKLERED.
 2. FOR SPRINKLERED FACILITIES, WHEN A SPRINKLER HEAD IS LOCATED IN THE ELEVATOR SHAFT WITHIN 24" OF THE PIT FLOOR, THE AUTOMATIC HEAT DETECTOR AT THE ELEVATOR PIT FOR ELEVATOR SERVICE DISCONNECT IS NOT REQUIRED.
 3. FOR SPRINKLERED FACILITIES WHERE NO SPRINKLER HEADS ARE INSTALLED IN THE ELEVATOR SHAFT, NEITHER THE AUTOMATIC HEAT DETECTOR AT THE TOP OF THE ELEVATOR SHAFT FOR ELEVATOR SERVICE DISCONNECT, NOR THE AUTOMATIC SMOKE DETECTOR AT THE TOP OF THE ELEVATOR ARE REQUIRED.
 4. ADJUST QUANTITY OF SMOKE DETECTORS AND INITIATION LOOPS AS NECESSARY TO ACCOMMODATE ALL ELEVATOR STOPS.
 5. INTERLOCK THE SMOKE DETECTOR AT THE TOP OF THE ELEVATOR SHAFT WITH THE SMOKE DAMPER VENT. CIRCUIT THE VENT OPERATOR TO PANEL EP #46.

INSTALL DETECTORS AND WIRING IN CONFORMANCE WITH STATE ELEVATOR CODE.

4 FIRE ALARM ELEVATOR INTERFACE WIRING DIAGRAM
 NOT TO SCALE

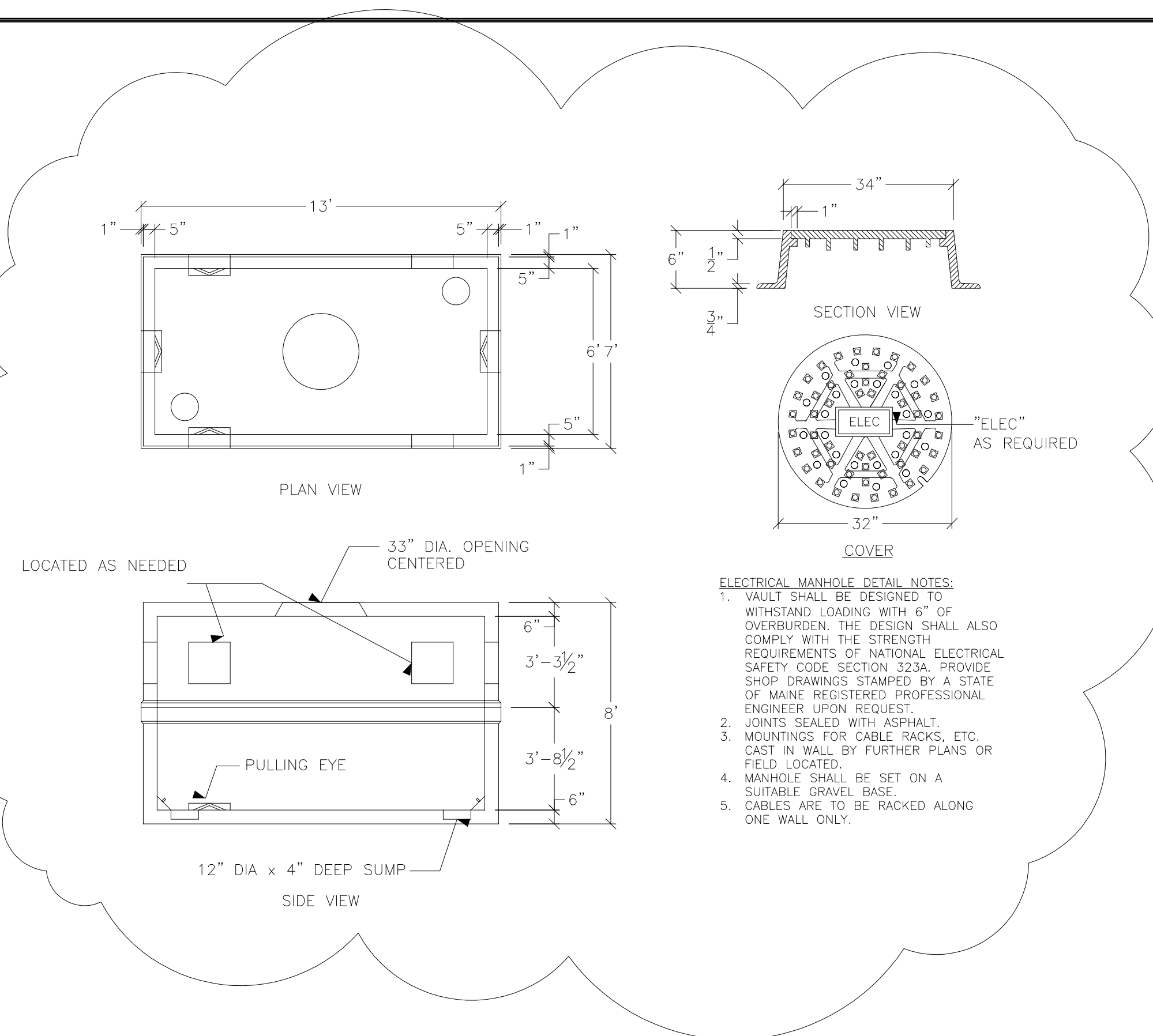


CABLE TV/TELEPHONE MANHOLE DETAIL NOTES:
 1. CONCRETE: 4,000 PSI @ 28 DAYS.
 2. USE 3/2 IN COVER AND FRAME MARKED ELEC OR COMM AS REQUIRED. MINIMUM ONE COURSE BRICK TO GRADE.

3. MOUNTINGS FOR CABLE RACKS ECT. CAST IN WALL BY FUTURE PLANS OR FIELD LOCATED.
 4. SPLICE BOX SHALL BE SET ON A SUITABLE GRAVEL BASE.
 5. REINFORCING: GRADE 60 REBAR:
 -#4 @ 5 IN O.C. VERTICAL IN WALLS, CANTILEVERED OVER TOP OF OPENING
 -#4 @ 8 IN O.C. HORIZONTALLY IN WALLS
 -4 PIECES #4 SURROUNDING OPENING
 -#4 @ 5 IN O.C. EACH WAY ON TOP
 6. MANHOLE FRAMES AND COVERS ARE TO BE MACHINED TO A SMOOTH FIT AND SHALL BE OF GRAY CAST IRON.
 7. COVER SHALL HAVE DIAMOND TOP SURFACE.

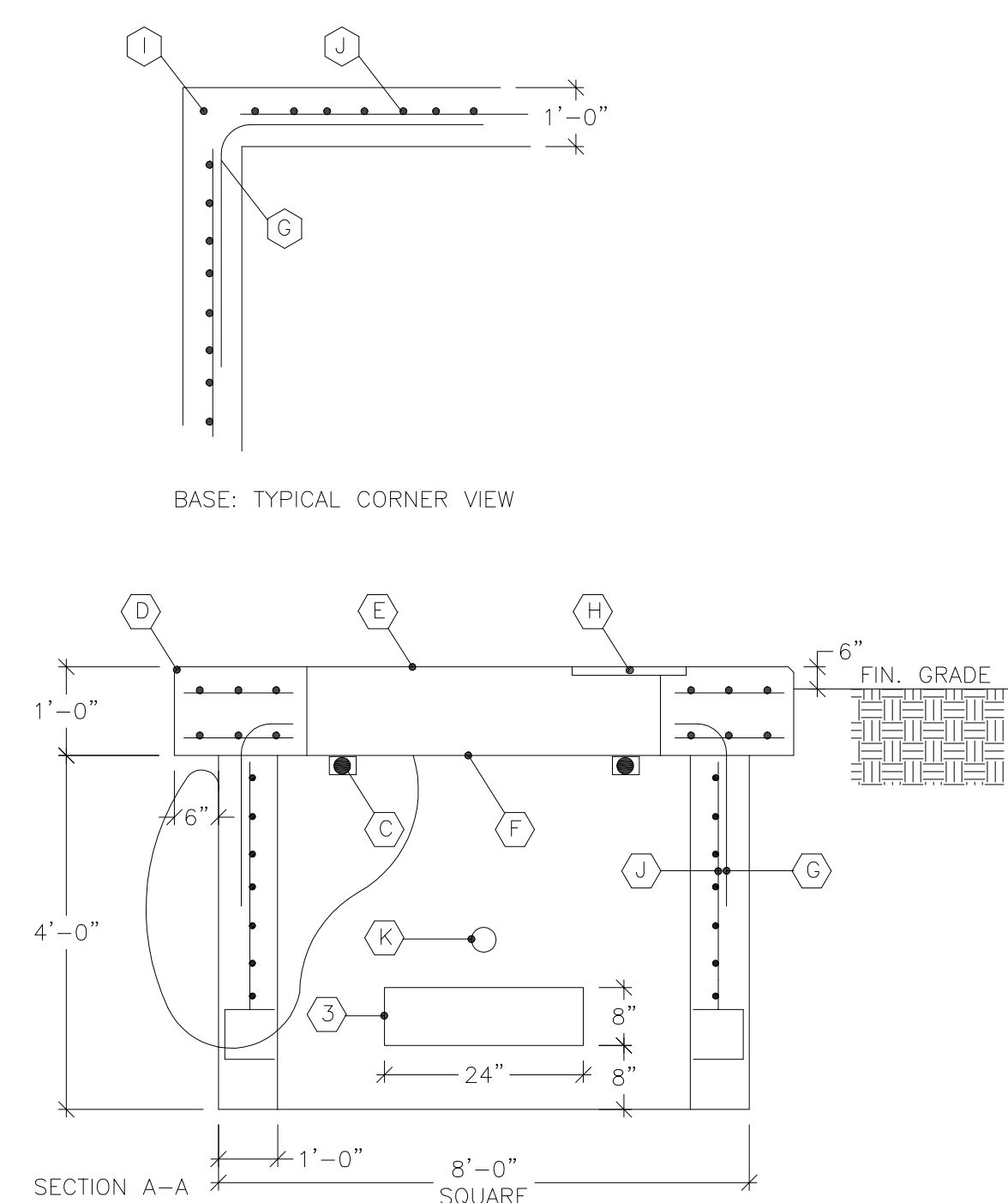
PROVIDE ONE MANHOLE AS DETAILED EACH FOR TELEPHONE AND CABLE TV SERVICES

5 TELEPHONE / CABLE TV MANHOLE #1 DETAIL
 NOT TO SCALE

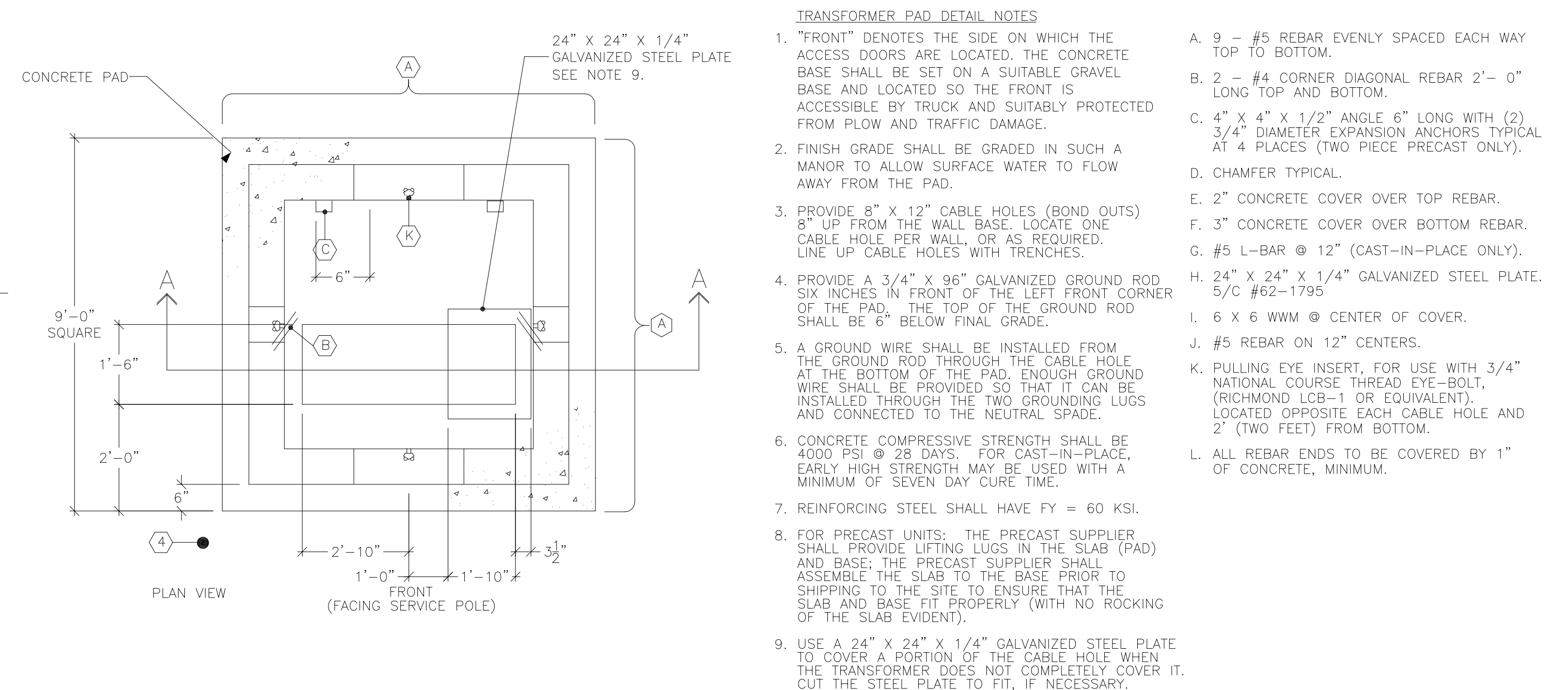


ELECTRICAL MANHOLE DETAIL NOTES:
 1. VAULT SHALL BE DESIGNED TO WITHSTAND LOADING WITH 6" OF OVERBURDEN. THE DESIGN SHALL ALSO COMPLY WITH THE STRENGTH REQUIREMENTS OF NATIONAL ELECTRICAL SAFETY CODE SECTION 323A. PROVIDE SHOP DRAWINGS STAMPED BY A STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER UPON REQUEST.
 2. JOINTS SEALED WITH ASPHALT.
 3. MOUNTINGS FOR CABLE RACKS, ETC. CAST IN WALL BY FURTHER PLANS OR FIELD LOCATED.
 4. MANHOLE SHALL BE SET ON A SUITABLE GRAVEL BASE.
 5. CABLES ARE TO BE RACKED ALONG ONE WALL ONLY.

1 ELECTRICAL MANHOLE #2 DETAIL
 NOT TO SCALE



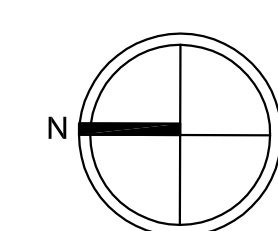
2 SERVICE TRANSFORMER PAD DETAIL
 NOT TO SCALE



TRANSFORMER PAD DETAIL NOTES

1. "FRONT" DENOTES THE SIDE ON WHICH THE ACCESS DOORS ARE LOCATED. THE CONCRETE BASE SHALL BE SET ON A SUITABLE GRAVEL BASE AND LOCATED SO THE FRONT IS ACCESSIBLE BY TRUCK AND SUITABLY PROTECTED FROM PLOW AND TRAFFIC DAMAGE.
 2. FINISH GRADE SHALL BE GRADED IN SUCH A MANNER TO ALLOW SURFACE WATER TO FLOW AWAY FROM THE PAD.
 3. PROVIDE 8" x 12" CABLE HOLES (BOND OUTS) 8" UP FROM THE WALL BASE. LOCATE ONE CABLE HOLE PER WALL OR AS REQUIRED. LINE UP CABLE HOLES WITH TRENCHES.
 4. PROVIDE A 3/4" x 96" GALVANIZED GROUND ROD SIX INCHES IN FRONT OF THE LEFT FRONT CORNER OF THE PAD. THE TOP OF THE GROUND ROD SHALL BE 6" BELOW FINAL GRADE.
 5. A GROUND WIRE SHALL BE INSTALLED FROM THE GROUND ROD THROUGH THE CABLE HOLE AT THE BOTTOM OF THE PAD. ENOUGH GROUND WIRE SHALL BE PROVIDED SO THAT IT CAN BE INSTALLED THROUGH THE TWO GROUNDING LUGS AND CONNECTED TO THE NEUTRAL SPADE.
 6. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI @ 28 DAYS. FOR CAST-IN-PLACE, EARLY HIGH STRENGTH MAY BE USED WITH A MINIMUM OF SEVEN DAY CURE TIME.
 7. REINFORCING STEEL SHALL HAVE FY = 60 KSI.
 8. FOR PRECAST UNITS: THE PRECAST SUPPLIER SHALL PROVIDE LIFTING LUGS IN THE SLAB (PAD) AND BASE; THE PRECAST SUPPLIER SHALL ASSEMBLE THE SLAB TO THE BASE PRIOR TO SHIPPING TO THE SITE TO ENSURE THAT THE SLAB AND BASE FIT PROPERLY (WITH NO ROCKING OF THE SLAB EVIDENT).
 9. USE A 24" x 24" x 1/4" GALVANIZED STEEL PLATE TO COVER A PORTION OF THE CABLE HOLE WHEN THE TRANSFORMER DOES NOT COMPLETELY COVER IT. CUT THE STEEL PLATE TO FIT, IF NECESSARY.

A. 9 - #5 REBAR EVENLY SPACED EACH WAY TOP TO BOTTOM.
 B. 2 - #4 CORNER DIAGONAL REBAR 2'-0" LONG TOP AND BOTTOM.
 C. 4" x 4" x 1/2" ANGLE 6" LONG WITH (2) 3/4" DIAMETER EXPANSION ANCHORS TYPICAL AT 4 PLACES (TWO PIECE PRECAST ONLY).
 D. CHAMFER TYPICAL.
 E. 2" CONCRETE COVER OVER TOP REBAR.
 F. 3" CONCRETE COVER OVER BOTTOM REBAR.
 G. #5 L-BAR @ 12" (CAST-IN-PLACE ONLY).
 H. 24" x 24" x 1/4" GALVANIZED STEEL PLATE. 5/C #62-1795
 I. 6 x 6 W/M @ CENTER OF COVER.
 J. #5 REBAR ON 12" CENTERS.
 K. PULLING EYE INSERT, FOR USE WITH 3/4" NATIONAL COURSE THREAD EYE-BOLT, (RICHMOND LCB-1 OR EQUIVALENT). LOCATED OPPOSITE EACH CABLE HOLE AND 2' (TWO FEET) FROM BOTTOM.
 L. ALL REBAR ENDS TO BE COVERED BY 1" OF CONCRETE, MINIMUM.



Prepared For: **MOTHERHOUSE LLC**

Consultant: **Bartlett Design Engineering**
 1000 WASHINGTON STREET, PORTLAND, MAINE 04101
 TEL: (807) 448-4447

Architect: **MOTHERHOUSE SENIOR HOUSING**
 48 Union Wharf Portland, Maine 04101
 (207) 772-6022 Fax (207) 772-4056

Project: **MOTHERHOUSE SENIOR HOUSING**
 605 STEVENS AVENUE
 PORTLAND, MAINE 04103

Revisions:
 02/15/16 MSHA 90% REVIEW
 06/23/16 ISSUED FOR FIRE MARSHAL REVIEW
 10/07/16 FINAL BID SET
 01/09/17 LIGHTING REVISIONS
 03/01/17 ISSUED FOR CONSTRUCTION

Date: **FEB 15, 2016**
 Scale: **NONE**
ELECTRICAL DETAILS

E4.03