



TO: ALL PLANHOLDERS OF RECORD
RE: ITB 26T-DV-111 Kenaitze Pointe Common Area Electrical Upgrades
FROM: Rashaad Esters, Procurement Manager
PAGE(S): 31, including this cover sheet
DATE: May 19, 2026

Transmitted herewith is an Addendum to the solicitation listed above. If the Addendum is **not** received in full, please contact the Procurement Office at (907) 793-3000. If all pages of the Addendum are received, please sign this sheet and email it back to CIHA's Procurement Department at Procurement@cookinlethousing.org.

Company's Name

Company's Representative

Date

ITB 26T-DV-111 Kenaitze Pointe Common Area Electrical Upgrades

This document forms a part of and modifies the solicitation as noted below. Respondents must acknowledge receipt of this addendum. Failure to acknowledge receipt of this addendum may subject Respondent to disqualification.

PROJECT: Kenaitze Pointe Common Area Electrical Upgrades

FOR: Cook Inlet Housing Authority

The following corrections, clarifications, additions, and/or deletions to the ITB 26T-DV-111 are hereby made a part of said documents. All other terms and conditions remain the same.

This Addendum Shall:

1. Answer questions received by the Question Submittal Due Date of May 14, 5:00PM.
2. Announce a second site walk-through date of May 22, 10:00AM.
3. Provide drawings – Kenaitze Pointe Electrical As-builts.

KENAITZE POINTE COMMON AREA ELECTRICAL UPGRADES – QUESTIONS AND ANSWERS

No.	Question	Answer
1	Sheet E3.01 mentions elevator equipment in sheet notes. Please confirm that elevator equipment modernizations are not part of the scope of this project.	Correct. The elevator modification is NOT part of this scope of work.
2	Drawings also show receptacles associated with mechanical equipment. Are receptacles associated with mechanical equipment (rooftop units, exhaust fans, etc.) part of the scope to be replaced?	Receptacles, switches, and devices located in the mechanical room or associated with the roof top units are NOT part of this scope of work.
3	E2.02 shows display lights with a note that says Type 'Z' fixtures in the cabinet, however, sheet note #1 states Type 'W' fixtures. Please clarify which fixtures are to be used in this display cabinet.	Type Z fixtures are to be used
4	Receptacle is shown for the electric range on Sheet E3.02. We assume this is part of the scope to be replaced. Can you confirm this. Additionally, there is a new breaker shown for this range in the panel schedule(Sheet E5.01), but RFP SOW states laundry rooms breakers are the only ones to be replaced. Is the breaker for the electric range also expected to be replaced with this bid?	Correct. This receptacle is to be replaced as well as the breaker for the range located in the community kitchen shown on E3.02 between Gridlines E & G.
5	On sheet E4.01, it shows the individual units. Please clarify sheet E4.01 is not part of the bid.	Any work shown within the units is NOT part of this scope of work.

6	Please help to understand what is requested on sheet E4.02.	E4.02 is included for reference only. Any work shown in the mechanical room is NOT part of this scope of work.
7	Are electrical as built available?	Yes. They are included with this addendum.
8	Type Q and W are both new construction recessed can lights. Would LED retro kits be considered in lieu of new can lights or should the contractor plan on adding access hatches to replace existing lights with new can lights?	Base bid is to include the replacement of fixtures and to patch and paint as necessary.
9	Can a second site walk be accommodated?	Yes. A second site walk is scheduled for Friday, May 22 at 10am . Please note the bid date has NOT changed.
10	<p>There seems to be a discrepancy between the ITB document and the drawings and specifications. On page 4 of the ITB document it states the following: "Work in tenant units and all building systems including fire alarm, access control, security cameras, mechanical equipment, and entry systems are explicitly excluded from this scope. " On the permit documents sheet E0.02 Section 28 31 11 - Digital Fire Alarm System 1. It states:</p> <p>"GENERAL: PROVIDE A COMPLETE, NON-CODED ADDRESSABLE, MICROPROCESSOR-BASED FIRE ALARM SYSTEM WITH INITIATING DEVICES, NOTIFICATION APPLIANCES, AND MONITORING AND CONTROL DEVICES AS SPECIFIED HEREIN. FURNISH AND INSTALL A COMPLETE FIRE ALARM SYSTEM AS DESCRIBED HEREIN AND AS SHOWN ON THE PLANS. INCLUDE SUFFICIENT CONTROL UNIT(S), ANNUNCIATOR(S), MANUAL STATIONS, AUTOMATIC FIRE DETECTORS, SMOKE DETECTORS, AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES, WIRING, TERMINATIONS, ELECTRICAL BOXES, ETHERNET DROPS, AND ALL OTHER NECESSARY MATERIAL FOR A COMPLETE OPERATING SYSTEM. PLEASE NOTE: THE DEVICE LAYOUT AS INDICATED ON THE DRAWINGS IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO INDICATE A FULL INSTALLATION. RATHER IT IS INTENDED TO INDICATE SCOPE AND EXTEND OF DESIRED LAYOUTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE A FULLY CODE COMPLIANT SYSTEM."</p> <p>Please clarify is a fire alarm system as described in the specification and shown on the drawings is required for this project or not.</p>	Any work associated with the fire alarm is NOT part of this scope of work

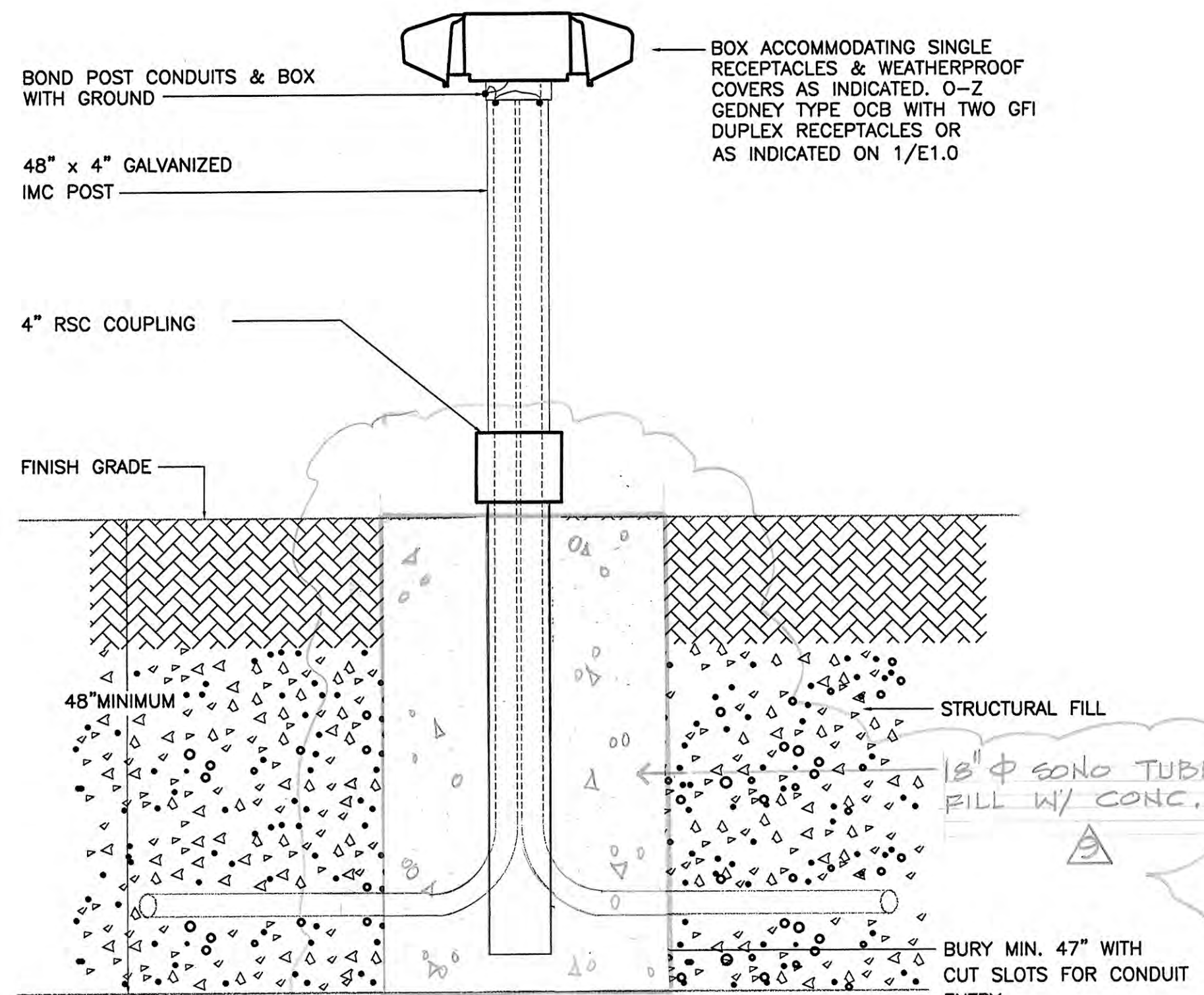
11	<p>The ITB document, page 6 says that all building systems including fire alarm are explicitly excluded from this scope.</p> <p>Elsewhere in the project documents, it appears that there is a large scope pertaining to fire alarm: E0-02 SPECIFICATIONS- SECTION 28 31 11 - DIGITAL FIRE ALARM SYSTEM has 11 sheet notes pertaining to a digital fire alarm system.</p> <p>Power and signal plans throughout this building show fire alarm devices being installed, many in places where they don't currently exist as observed from the walkthrough. Can you please clarify the scope of work for this proposal regarding the fire alarm system?</p>	See response to question #10
12	<p>The ITB document calls for circuit breakers serving the laundry rooms to be replaced with arc fault / ground fault breakers. Can you confirm if there are any pre-existing multi-wire branch circuits for the aforementioned laundry circuits requiring this type of breaker ?</p>	Only ground fault protection is required for dryer breakers
13	<p>Is it safe to assume that the mechanical room is an ancillary space?</p>	No. The work in the Mechanical Room is NOT part of this scope of work
14	<p>The scope of work outlined does not out right include the mechanical room electrical, although there is Sheet E4.02 dedicated to that room, is there confirmation this is part of the scope of this project?</p>	See response to Question #13
15	<p>Type J fixtures call for 0-10v dimming. Are there existing provisions for 0-10v dimming since this is a 1 for 1 swap?</p>	Remove dimming required from Type J Fixtures
16	<p>Will Type J fixture also be installed in existing channel without any further modifications to the channel?</p>	The new fixtures will be installed/recessed in the ceiling along with modifications to the ceiling grid to accommodate the new fixture.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER AND MODEL NUMBER	DESCRIPTION	LAMP		MOUNTING		TYPE	MANUFACTURER AND MODEL NUMBER	DESCRIPTION	LAMP		MOUNTING	
			TYPE	QUANTITY	TYPE	HEIGHT				TYPE	QUANTITY	TYPE	HEIGHT
A	FORECAST #F864-48	SEMI-FLUSH CEILING FIXTURE WITH SATIN WHITE GLASS, AND POLISHED STEEL TRIM. PROVIDE ADDITIONAL LONGER LENGTH MOUNTING STEMS OR CHAIN FOR TOP FLOOR UNITS.	75W	3	SEMI-FLUSH	CEILING	X	LITHONIA #2GT8-G-432-A12-120-GE8	2'x4' GRID TROFFER WITH PATTERN #12 ACRYLIC DIFFUSER AND ELECTRONIC BALLAST	F32/T-8	4	SURFACE	CEILING
A1	FORECAST #F30453-35	DECORATIVE SURFACE MOUNTED FIXTURE WITH CHROME HOUSING	60W	2	SURFACE	CEILING	Y	ELLIPTIPAR #M452-150-S-08-120-V00	EXTERIOR UPLIGHT WITH BLACK FINISH	150W MH	1	WALL	REF ARCH
B	LITHONIA #LC6 W/ CLF1 LENSE	6" RECESSED INCANDESCENT DOWNLIGHT WITH FLUSH OPAL LENSE	40W A19	1	RECESSED	CEILING	Z	LITHONIA #ELM	SELF CONTAINED EMERGENCY LIGHT WITH MAINTENANCE FREE LEAD CALCIUM BATTERY	5.4W	2	SURFACE	80"
C	LITHONIA #2SPG-D-432-A12-120-GE8	2'x4' RECESSED GRID FIXTURE WITH DUAL AIR HANDLING/HEAT REMOVAL AND ELECTRONIC BALLAST.	F32/T-8	4	RECESSED	CEILING	AA	LITHONIA #LQMSW3G-120-EL	SELF CONTAINED EMERGENCY EXIT SIGN WITH MAINTENANCE FREE LEAD CALCIUM BATTERY	LED		WALL	80"
D	LIGHTOLIER #40896	32" VANITY LIGHT WITH GLOSSY WHITE HOUSING AND 4 LAMPS	60W G25	4	SURFACE	ABOVE MIRROR							
E	LITHONIA #SM-117-120-GE8	2' SIDE MOUNTED STRIP LIGHT WITH ELECTRONIC BALLAST	F17/T-8	1	SURFACE	UNDER CABINET							
E1	LITHONIA #SM-125-120-GE8	3' SIDE MOUNTED STRIP LIGHT WITH ELECTRONIC BALLAST	F25/T-8	1	SURFACE	UNDER CABINET							
F	BEGA #2815	7" DIAMETER ROUND, RECESSED, ADA COMPLIANT FIXTURE WITH STAINLESS STEEL FACEPLATE AND WHITE DIFFUSER	40W MC	1	RECESSED	1'							
G	NUTONE #9417DN-BROAN 161	ONE-BULB HEAT-A-VENT. 250W RADIANT HEAT FROM R-40 INFRARED HEAT LAMP, 70-CFM-FAN	250W R-40	1	RECESSED	CEILING							
H	PROGRESS #P5108-15	18" DIAMETER PENDANT MOUNTED FIXTURE WITH POLISHED CHROME FINISH, MEDIUM BASE INCANDESCENT LAMP AND WHITE SHADE AND CORD	150W INC	1	PENDANT	CEILING							
I	LITHONIA #EJ-232-120-GE8	4' GENERAL PURPOSE STRIP LIGHT WITH ONE-PIECE REFLECTOR, HIGH-GLOSS BAKED WHITE ENAMEL FINISH, AND ELECTRONIC BALLAST	F32/T-8	2	SURFACE	CEILING							
J	LITECONTROL #2014TB-CWM-ELB SEE NOTE AT END OF SCHEDULE.	4' LENGTH CONTINUOUS PERIMETER LIGHTING SYSTEM WITH ALUMINUM RAIL, MATTE WHITE FINISH, AND ELECTRONIC BALLAST	F32/T-8	1	SURFACE	CEILING							
J1	LITECONTROL #2028TB-CWM-ELB	8' LENGTH CONTINUOUS PERIMETER LIGHTING SYSTEM WITH ALUMINUM RAIL, MATTE WHITE FINISH, AND ELECTRONIC BALLAST	F32/T-8	2	SURFACE	CEILING							
K	DAY-BRITE #VIS-150-I-12-W-G	INCANDESCENT FIXTURE WITH GLASS GLOBE AND CAST GUARD	150W INC	1	WALL	IN PIT							
L	LITHONIA #AW-232-120-GE8	1'x4' ARCHITECTURAL WRAPAROUND WITH FLAT-BOTTOM ACRYLIC PRISMATIC DIFFUSER AND ELECTRONIC BALLAST	F32/T-8	2	SURFACE	CEILING							
M	LITHONIA #AW-432-120-GE8	2'x4' ARCHITECTURAL WRAPAROUND WITH FLAT-BOTTOM ACRYLIC PRISMATIC DIFFUSER AND ELECTRONIC BALLAST	F32/T-8	4	SURFACE	CEILING							
N	LITHONIA #AVSP-26DTT-MDR-120	DECORATIVE WALL FIXTURE WITH PERFORATED SHIELD, METAL DIFFUSER WITH ROUND HOLES AND FLUORESCENT LAMP	32TRT	2	SURFACE	7'							
O	LITHONIA #SS-232-120-GE8	4' GENERAL PURPOSE STAGGERED STRIP LIGHT WITH HIGH-GLOSS BAKED WHITE ENAMEL FINISH	F32/T-8	2	SURFACE	SOFFIT							
O1	LITHONIA #TSS-432-120-GE8	8' TANDEM GENERAL PURPOSE STAGGERED STRIP LIGHT WITH HIGH-GLOSS BAKED WHITE ENAMEL FINISH	F32/T-8	4	SURFACE	SOFFIT							
P	VISA #CP1310-2F39-WHT-CB	22" INDIRECT PENDANT WITH WHITE BOWL, STEM, CANOPY, AND CHROME PLATED SOLID BRASS ACCENT RING. COORDINATE MOUNTING HEIGHT WITH ARCH. ADDITIONAL STEM WILL BE REQUIRED.	DH 150	2	PENDANT	*							
Q	LITHONIA #AH-50MH-6WR-CGL-120	6" RECESSED DOWNLIGHT WITH OPEN REFLECTOR, HORIZONTAL LAMP, AND WHITE TRIM	50W MH	1	RECESSED	CANOPY							
R3	LITHONIA #KSE2-400S-R3-208-SP04-DDB	PREMIUM CUTOFF AREA LIGHT WITH EXTRUDED ALUMINUM HOUSING, DARK BRONZE FINISH AND TYPE 3 DISTRIBUTION W/ #SS-30-56 SQUARE STEEL POLE	400 HPS	1	POLE	30'							
R4	LITHONIA #KSE2-400S-R4-208-SP04-DDB	SAME AS TYPE 'R3' BUT WITH TYPE 4 DISTRIBUTION	400 HPS	1	POLE	30'							
T	LITHONIA #KL-100S-A-120	12"x14" RECESSED FIXTURE WITH CAST ALUMINUM HOUSING, DARK BRONZE ENAMEL, AREA DISTRIBUTION, AND WET LOCATION LISTING	100 HPS	1	RECESSED	1'							
U	RUDD #E5405-BK	OUTDOOR UP/DOWN WITH CUTOFF FIXTURE AND DARK BRONZE FINISH	150 HPS	1	WALL	REF ARCH							
V	QUALITY #OLV-12-F-HPS-150-BK	WALL MOUNTED AREA CUT-OFF TYPE FIXTURE WITH BLACK FINISH.	150 HPS	1	WALL	REF ARCH							
W	SEAGULL - AMBIANCE #9485-12 W/ 9451-05 TRIM, 9461-12 TRANS., & 9774 LAMP	LOW PROFILE RECESSED DISK LIGHTING WITH CHROME EYELID TRIM, 12V 15-60W TRANSFORMER, CHROME FINISH, AND XENON LAMP	18W 12V T5 XENON	1	SEE ARCH	CASE							

* COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT ON SITE. ADDITIONAL STEM WILL BE REQUIRED IN EXCESS OF THE STANDARD STEM PROVIDED WITH FIXTURE.
 ** THE CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL CEILING LAYOUT AND PROVIDE ALL REQUIRED END CAPS, STRAIGHT EXTENSIONS, INSIDE/OUTSIDE CORNERS, ETC, AS REQUIRED FOR A COMPLETE INSTALLATION.

TYPE	MANUFACTURER AND MODEL NUMBER	DESCRIPTION	LAMP	QUANTITY	TYPE	HEIGHT
X	LITHONIA #2GT8-G-432-A12-120-GE8	2'x4' GRID TROFFER WITH PATTERN #12 ACRYLIC DIFFUSER AND ELECTRONIC BALLAST	F32/T-8	4	SURFACE	CEILING
Y	ELLIPTIPAR #M452-150-S-08-120-V00	EXTERIOR UPLIGHT WITH BLACK FINISH	150W MH	1	WALL	REF ARCH
Z	LITHONIA #ELM	SELF CONTAINED EMERGENCY LIGHT WITH MAINTENANCE FREE LEAD CALCIUM BATTERY	5.4W	2	SURFACE	80"
AA	LITHONIA #LQMSW3G-120-EL	SELF CONTAINED EMERGENCY EXIT SIGN WITH MAINTENANCE FREE LEAD CALCIUM BATTERY	LED		WALL	80"
AB	LITHONIA #2SPG-D-432-A12-120-GE8	2'x4' RECESSED GRID FIXTURE WITH DUAL AIR HANDLING/HEAT REMOVAL AND ELECTRONIC BALLAST	F32/T-8	4	RECESSED	CEILING
AC	LITHONIA #SM-117-120-GE8	2' SIDE MOUNTED STRIP LIGHT WITH ELECTRONIC BALLAST	F17/T-8	1	SURFACE	UNDER CABINET
AD	LITHONIA #SM-125-120-GE8	3' SIDE MOUNTED STRIP LIGHT WITH ELECTRONIC BALLAST	F25/T-8	1	SURFACE	UNDER CABINET
AE	LITHONIA #AW-232-120-GE8	1'x4' ARCHITECTURAL WRAPAROUND WITH FLAT-BOTTOM ACRYLIC PRISMATIC DIFFUSER AND ELECTRONIC BALLAST	F32/T-8	2	SURFACE	CEILING
AF	LITHONIA #AW-432-120-GE8	2'x4' ARCHITECTURAL WRAPAROUND WITH FLAT-BOTTOM ACRYLIC PRISMATIC DIFFUSER AND ELECTRONIC BALLAST	F32/T-8	4	SURFACE	CEILING
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AH	LITHONIA #SS-232-120-GE8	4' GENERAL PURPOSE STAGGERED STRIP LIGHT WITH HIGH-GLOSS BAKED WHITE ENAMEL FINISH	F32/T-8	2	SURFACE	SOFFIT
AI	LITHONIA #TSS-432-120-GE8	8' TANDEM GENERAL PURPOSE STAGGERED STRIP LIGHT WITH HIGH-GLOSS BAKED WHITE ENAMEL FINISH	F32/T-8	4	SURFACE	SOFFIT
AJ	VISA #CP1310-2F39-WHT-CB	22" INDIRECT PENDANT WITH WHITE BOWL, STEM, CANOPY, AND CHROME PLATED SOLID BRASS ACCENT RING. COORDINATE MOUNTING HEIGHT WITH ARCH. ADDITIONAL STEM WILL BE REQUIRED.	DH 150	2	PENDANT	*
AK	LITHONIA #AH-50MH-6WR-CGL-120	6" RECESSED DOWNLIGHT WITH OPEN REFLECTOR, HORIZONTAL LAMP, AND WHITE TRIM	50W MH	1	RECESSED	CANOPY
AL	LITHONIA #KSE2-400S-R3-208-SP04-DDB	PREMIUM CUTOFF AREA LIGHT WITH EXTRUDED ALUMINUM HOUSING, DARK BRONZE FINISH AND TYPE 3 DISTRIBUTION W/ #SS-30-56 SQUARE STEEL POLE	400 HPS	1	POLE	30'
AM	LITHONIA #KSE2-400S-R4-208-SP04-DDB	SAME AS TYPE 'R3' BUT WITH TYPE 4 DISTRIBUTION	400 HPS	1	POLE	30'
AN	LITHONIA #KL-100S-A-120	12"x14" RECESSED FIXTURE WITH CAST ALUMINUM HOUSING, DARK BRONZE ENAMEL, AREA DISTRIBUTION, AND WET LOCATION LISTING	100 HPS	1	RECESSED	1'
AO	RUDD #E5405-BK	OUTDOOR UP/DOWN WITH CUTOFF FIXTURE AND DARK BRONZE FINISH	150 HPS	1	WALL	REF ARCH
AP	QUALITY #OLV-12-F-HPS-150-BK	WALL MOUNTED AREA CUT-OFF TYPE FIXTURE WITH BLACK FINISH.	150 HPS	1	WALL	REF ARCH
AQ	SEAGULL - AMBIANCE #9485-12 W/ 9451-05 TRIM, 9461-12 TRANS., & 9774 LAMP	LOW PROFILE RECESSED DISK LIGHTING WITH CHROME EYELID TRIM, 12V 15-60W TRANSFORMER, CHROME FINISH, AND XENON LAMP	18W 12V T5 XENON	1	SEE ARCH	CASE

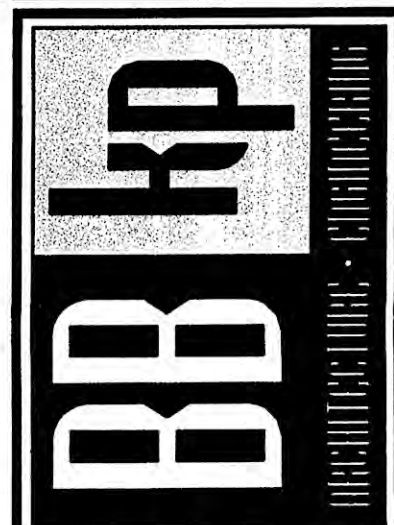
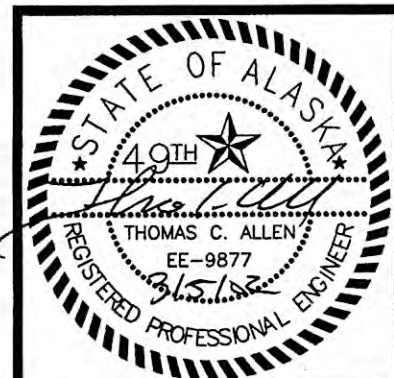


1 TYPICAL HEADBOLT HEATER OUTLET DETAIL
 E0.1 SCALE: NTS

ELECTRICAL SYMBOLS LEGEND

⊙	LIGHT FIXTURE -- SURFACE WALL MOUNTED
○	LIGHT FIXTURE -- SURFACE MOUNTED
⊖	LIGHT FIXTURE -- RECESSED MOUNTED
⊠	FLUORESCENT FIXTURE -- SURFACE MOUNTED 2'x4'
⊡	FLUORESCENT FIXTURE -- SURFACE MOUNTED 1'x4'
⊢	FLUORESCENT FIXTURE -- RECESS MOUNTED 1'x4'
⊣	LIGHT FIXTURE -- RECESSED WALL MOUNTED
⊤	FLUORESCENT FIXTURE -- WALL MOUNTED
⊥	FLUORESCENT STRIP FIXTURE -- SURFACE MOUNTED
⊦	COMBINATION FAN-LIGHT
⊧	POLE MOUNTED AREA LIGHT
⊨	EXIT LIGHT -- CEILING MOUNTED
⊩	EXIT LIGHT -- WALL MOUNTED
⊪	SELF-CONTAINED EMERGENCY LIGHT
⊫	FIXTURE IDENTIFICATION (LETTER INDICATES TYPE)
⊬	SINGLE POLE SWITCH
⊭	THREE WAY SWITCH AND FOUR WAY SWITCH
⊮	CONDUIT, CONCEALED
⊯	NUMBER AND SIZE OF WIRES (NO SLASHES = 3#12)
⊰	HOMERUN TO PANEL (PANEL AND CIRCUIT No.)
⊱	INDICATES BEGINNING OF CIRCUIT
⊲	NOTE TAG (No. INDICATES NOTE)
NL	NIGHT LIGHT
WP	WEATHERPROOF
GF	GROUND FAULT CIRCUIT INTERRUPTER
⊳	MOTION SENSOR
⊴	PANEL
⊵	DUPLEX RECEPTACLE
⊶	GROUND FAULT CURRENT INTERRUPTER RECEPTACLE
⊷	QUADRAPLEX RECEPTACLE
⊸	SINGLE RECEPTACLE
⊹	SPECIAL PURPOSE RECEPTACLE
⊺	JUNCTION BOX
⊻	FLOOR MOUNTED DEVICE (DUPLEX REC. SHOWN)
⊼	DISCONNECT SWITCH
⊽	FUSED DISCONNECT SWITCH
⊾	COMBINATION MOTOR STARTER DISCONNECT
⊿	FRACTIONAL HP MOTOR SWITCH
⊿	MOTOR
⊿	TELEPHONE OUTLET
⊿	FA SMOKE DETECTOR
⊿	FA HEAT DETECTOR (FIXED TEMP. NOTED)
⊿	FA HORN STROBE
⊿	FA "MINI" HORN
⊿	FA MANUAL PULL STATION
⊿	BELL
⊿	STROBE
⊿	CAMERA
⊿	FIRE SMOKE DAMPER
⊿	TELEVISION OUTLET
UG/E	UNDERGROUND ELECTRICAL
⊿	MOTION SENSOR
⊿	DOOR CONTACTS

REVISIONS
 1 ADDENDUM #4 OCT. 15, 2001
 2 ADDENDUM #6 NOV. 01, 2001
 3 ADDENDUM #7 FEB. 27, 2002
 4 ADDENDUM #8 NOV. 05, 2002
 5 ADDENDUM #9 NOV. 20, 2002



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 HAY, BETLOW & ASSOCIATES, LLC
 Mechanical & Electrical Consulting Engineers
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 Tel: (907) 562-8013 Fax: (907) 562-1013

COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

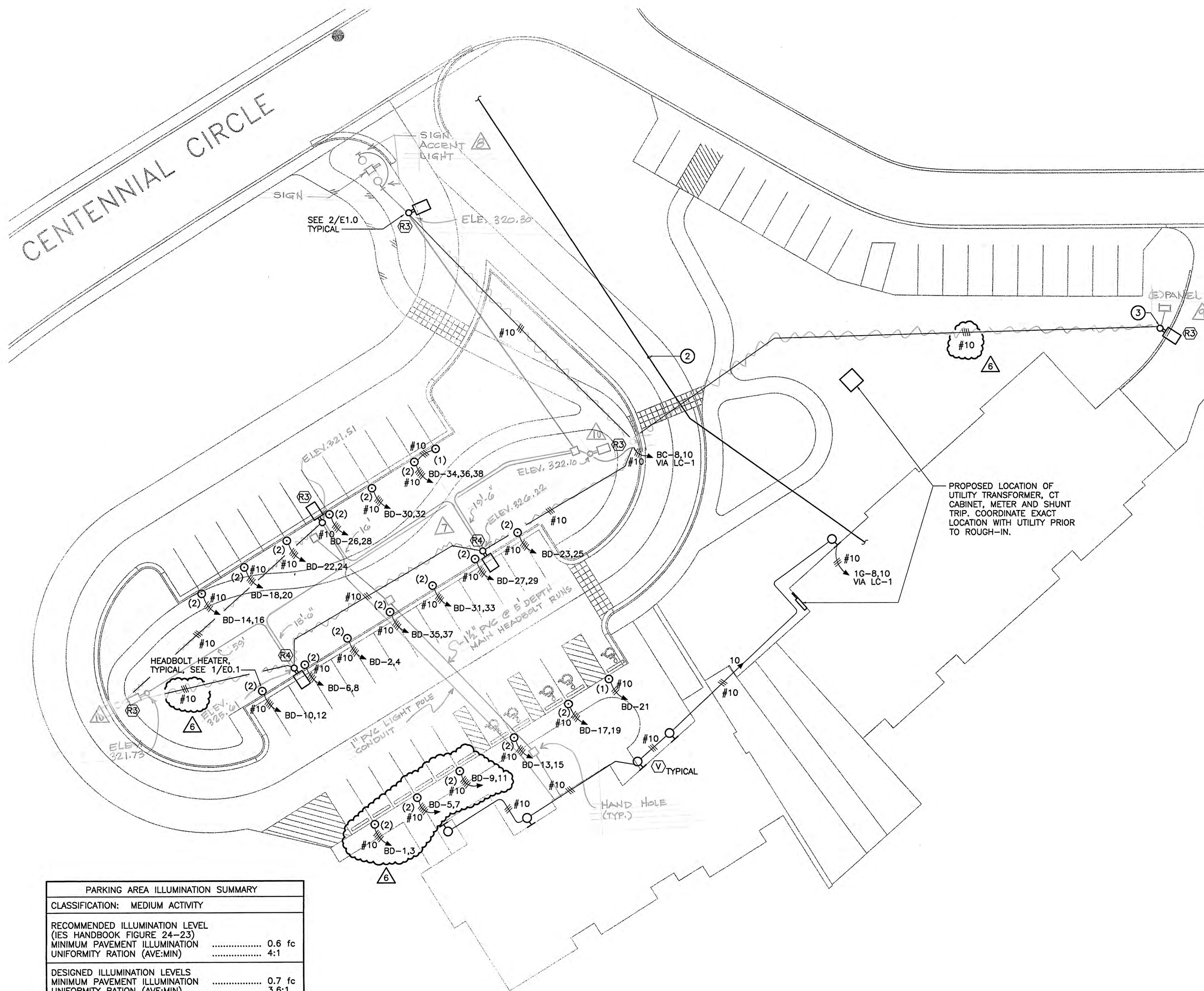
REVISIONS
 1 ADDENDUM #4 OCT. 15, 2001
 2 ADDENDUM #6 NOV. 01, 2001
 3 ADDENDUM #7 FEB. 27, 2002
 4 ADDENDUM #8 NOV. 05, 2002
 5 ADDENDUM #9 NOV. 20, 2002

JOB NO. 2001.007.0
 DATE 07/06/01
 DRAWN AMH
 REVIEWED XPT/JCA

ELECTRICAL LEGEND AND FIXTURE SCH.

SHEET NO. **E0.1**

RECORD DRAWING

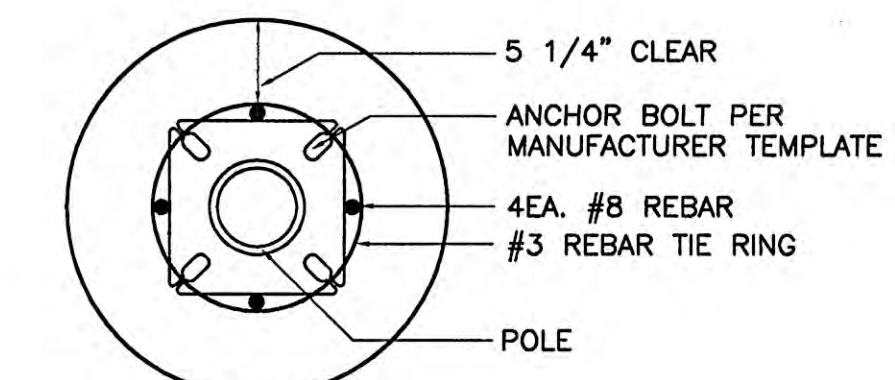


PARKING AREA ILLUMINATION SUMMARY	
CLASSIFICATION: MEDIUM ACTIVITY	
RECOMMENDED ILLUMINATION LEVEL (IES HANDBOOK FIGURE 24-23)	
MINIMUM PAVEMENT ILLUMINATION	0.6 fc
UNIFORMITY RATION (AVE:MIN)	4:1
DESIGNED ILLUMINATION LEVELS	
MINIMUM PAVEMENT ILLUMINATION	0.7 fc
UNIFORMITY RATION (AVE:MIN)	3.6:1

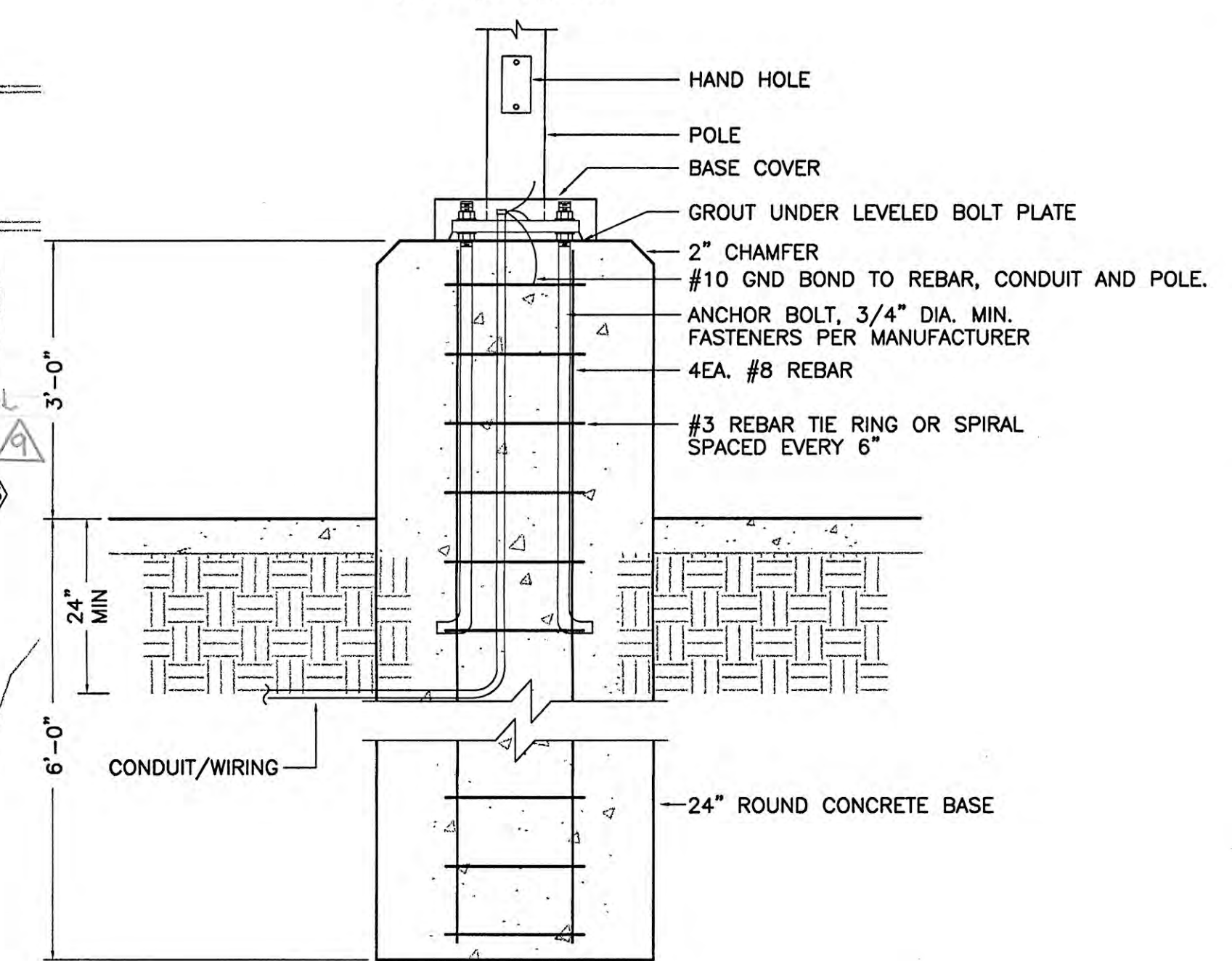
PARKING AREA ILLUMINATION DESIGN COMPLIES WITH THE STANDARDS OUTLINED IN MOA TITLE 21, AND IN ADDITION IS DESIGNED TO MINIMIZE GLARE TO MOTORISTS ON PUBLIC STREETS AND TO RESIDENTS OF ADJACENT PROPERTIES.

1 ELECTRICAL SITE LIGHTING AND POWER PLAN

E1.0 SCALE: 1" = 20'



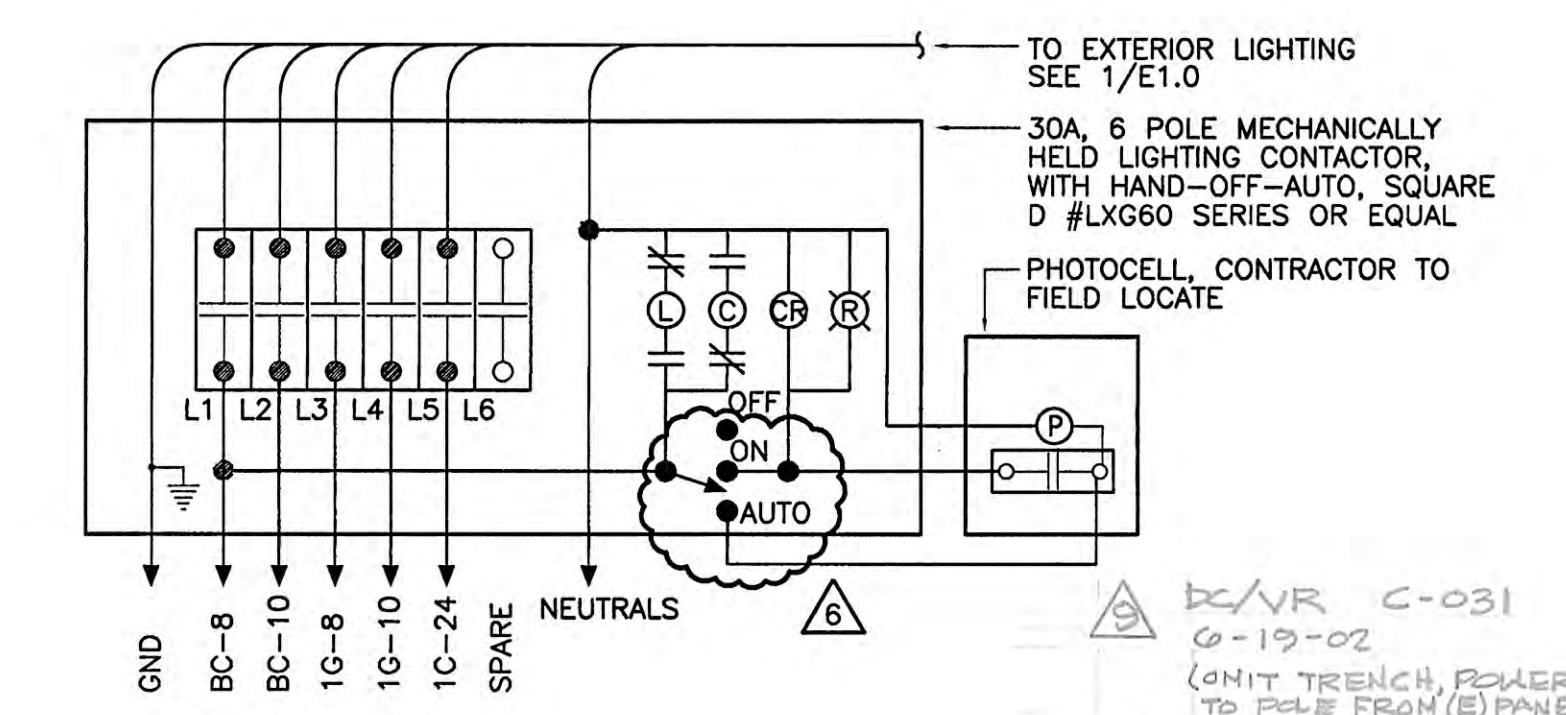
PLAN VIEW



ELEVATION VIEW

2 TYPICAL POLE BASE DETAIL

E1.0 SCALE: NTS

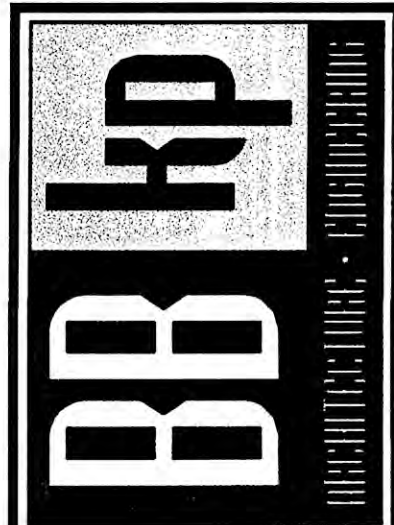
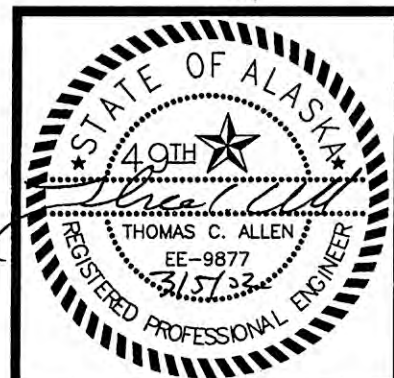


3 LIGHTING CONTACTOR DETAIL (LC-1)

E1.0 SCALE: NTS

SHEET NOTES

- ALL EXTERIOR LIGHTING AND POWER BRANCH CIRCUITS SHALL UTILIZE 3/4" CONDUIT AND #10 CONDUCTORS UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL COORDINATE WITH OWNER CHOSEN TELEPHONE COMPANY AND CATV COMPANY AND INSTALL A 2-4" PVC DUCT (WITH PULL STRINGS) FROM INTERIOR MAIN TELEPHONE BACKBOARD AND CATV CABINET TO TELEPHONE UTILITY PEDESTAL AND CABLE COMPANY PEDESTAL. ROUTING AS SHOWN IS SCHEMATIC, COORDINATE EXACT ROUTING AND REQUIREMENTS WITH UTILITIES.
- COORDINATE POLEBASE INSTALLATION WITH RETAINING WALL. THIS POLE ONLY SHALL BE 20' TALL.



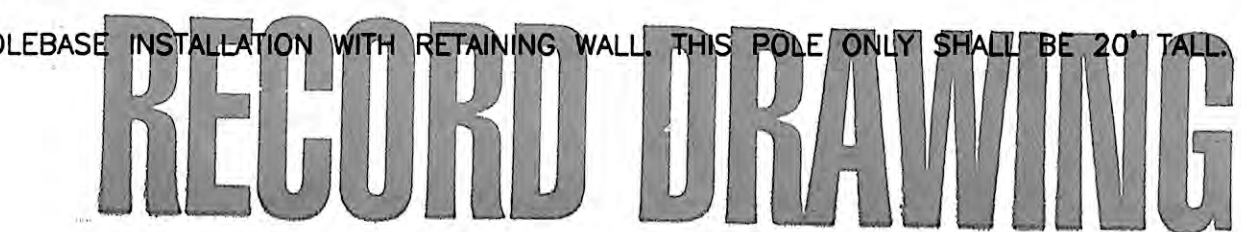
COOK INLET HOUSING AUTHORITY
 53 ELDERLY HOUSING UNITS
 ANCHORAGE, ALASKA

REVISIONS	
4	ADDENDUM #4 OCT. 15, 2001
6	ADDENDUM #6 NOV. 01, 2001
CONFORMED DRWS FEB. 27, 2002	
DC/NR C-021	6-24-02 (ASBUT)
DC/NR A-024	9-23-02 (SIGN)

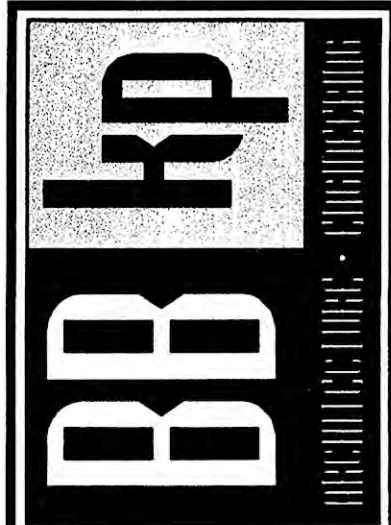
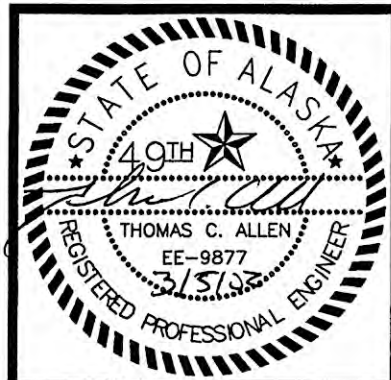
JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT/ICA

ELECTRICAL SITE LIGHTING & POWER PLAN

SHEET NO. E1.0



DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

REVISIONS

4	ADDENDUM #4	OCT. 15, 2001
6	ADDENDUM #6	NOV. 01, 2001
7	ADDENDUM #7	NOV. 05, 2002

CONFORMED DRWGS
FEB. 27, 2002

DCNR A-031
11-20-02

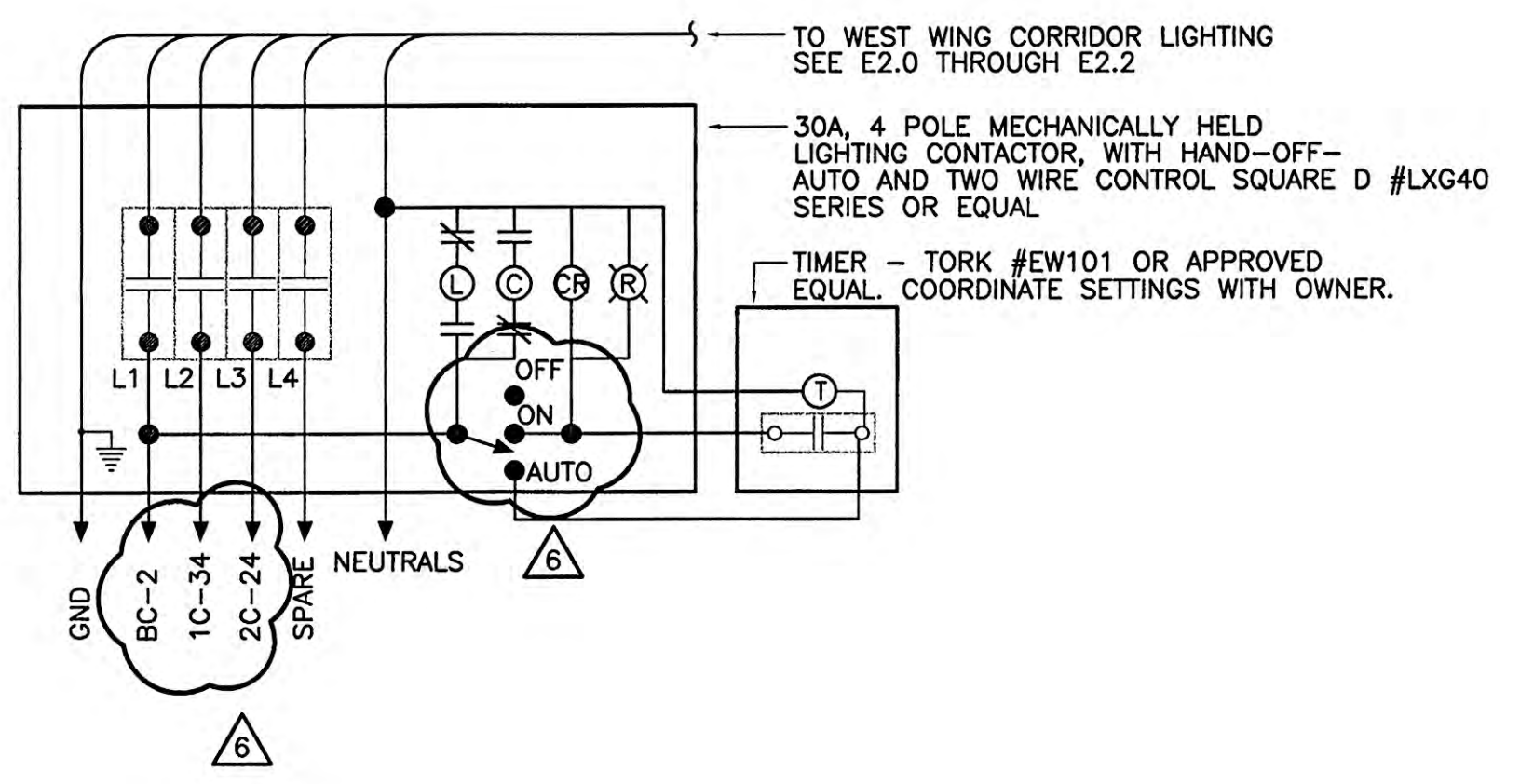
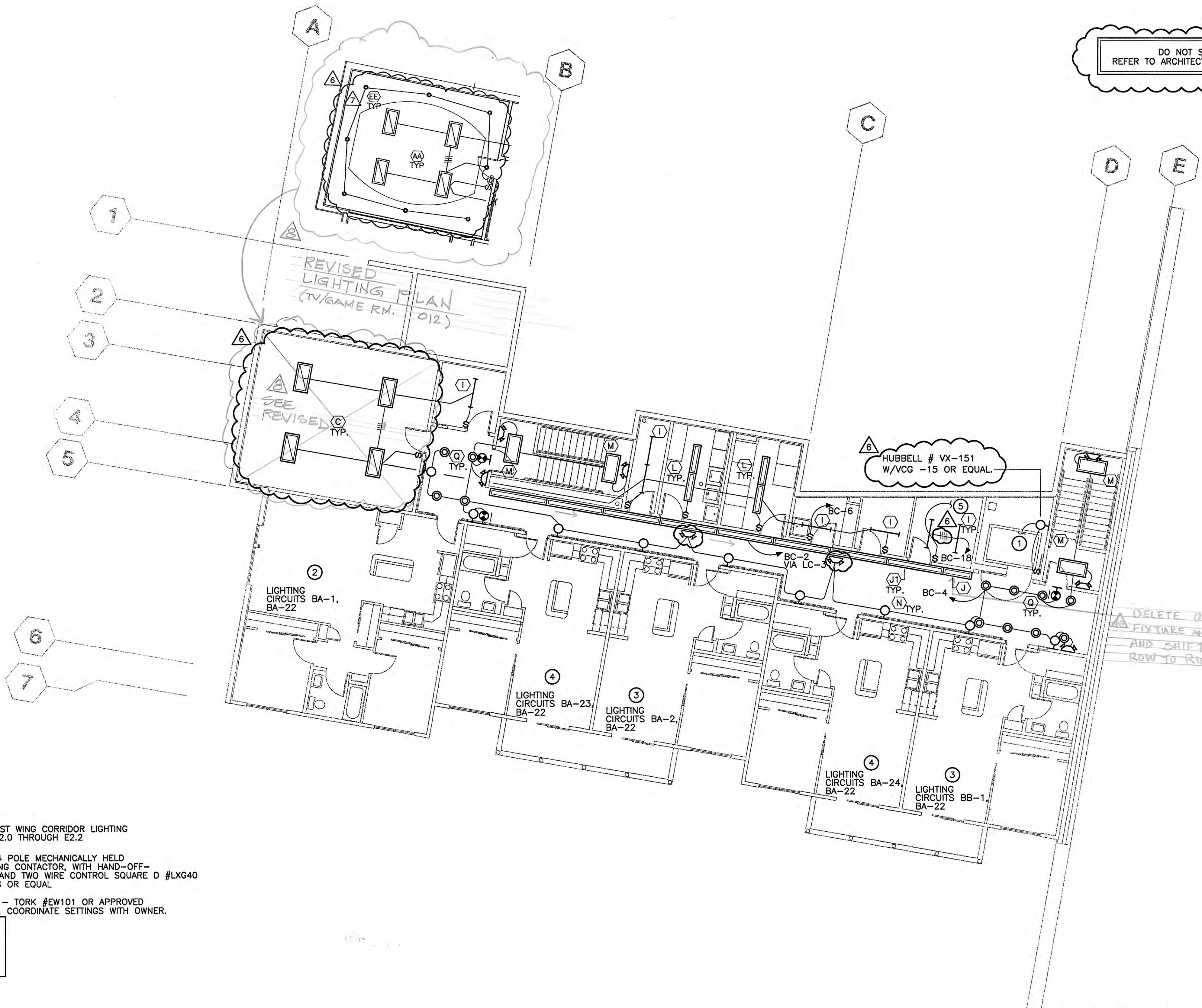
JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT, TCA

LOWER LEVEL LIGHTING PLAN
WEST WING

SHEET NO.
E2.0

SHEET NOTES

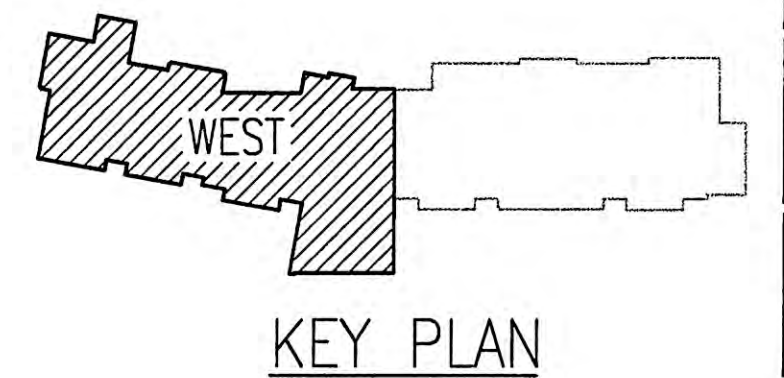
- CONNECT TO THE GFCI DUPLEX RECEPTACLE OUTLET LOCATED IN ELEVATOR PIT. SEE 2/E3.0.
- TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- CONNECT TO DUPLEX RECEPTACLE OUTLET. SEE 2/E3.0.



2 LIGHTING CONTACTOR DETAIL LC-3
E2.0 SCALE: NTS

1 LOWER LEVEL LIGHTING PLAN - WEST WING
E2.0 SCALE: 1/8" = 1'-0"

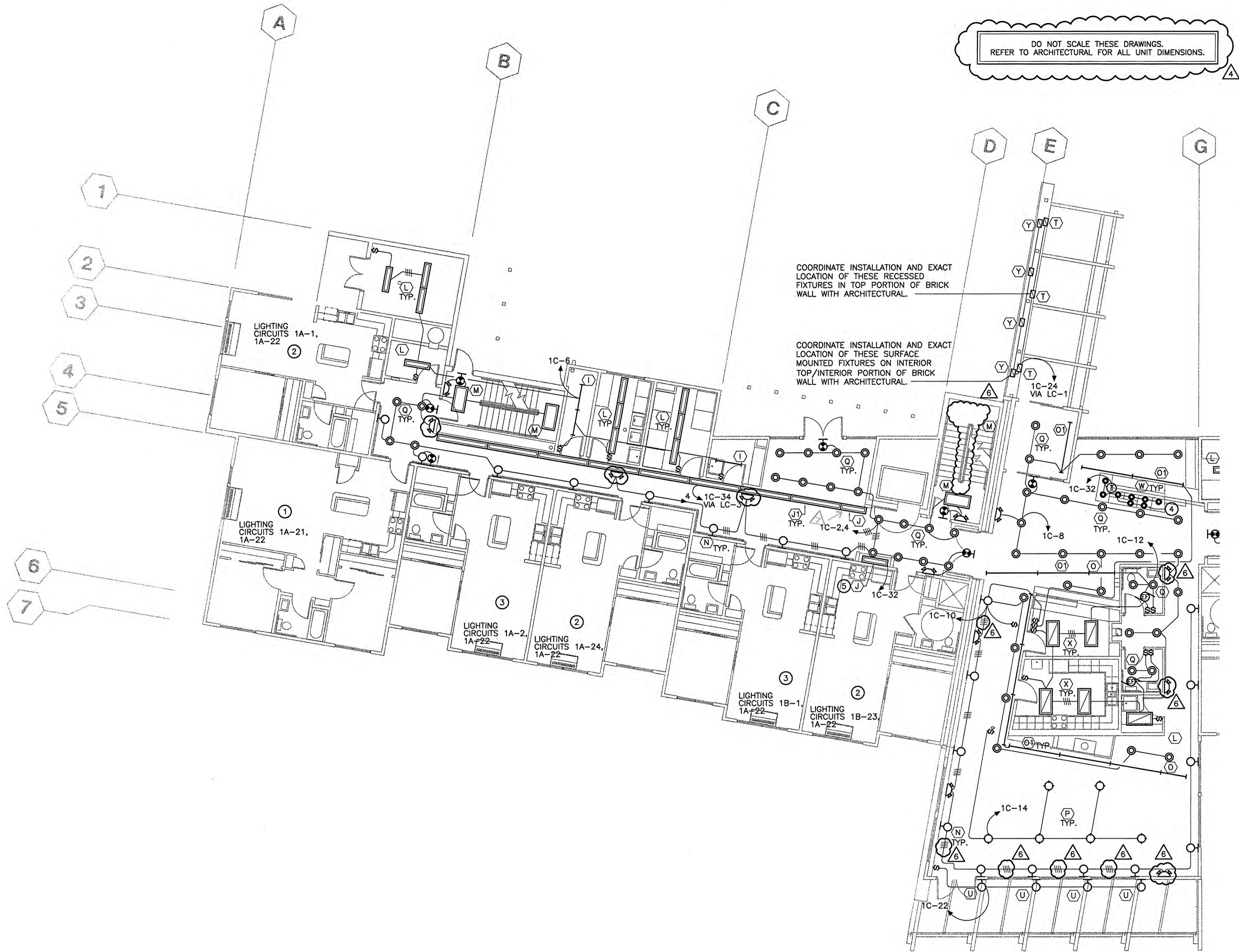
RECORD DRAWING



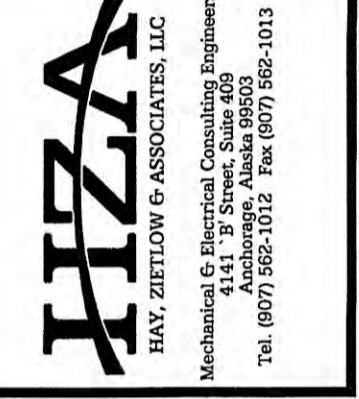
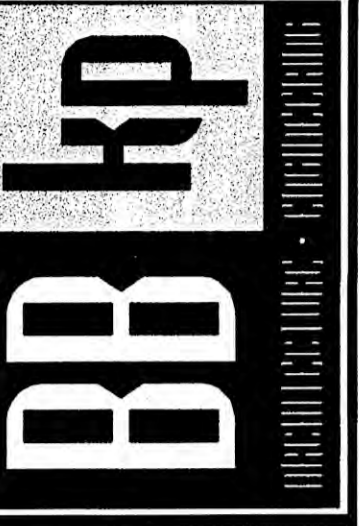
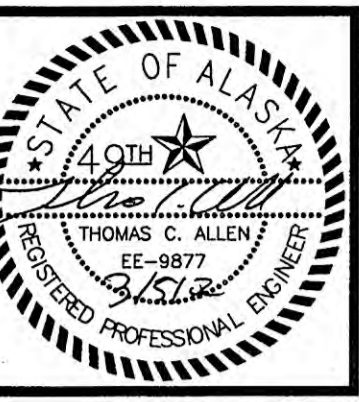
SHEET NOTES

- ① TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ④ REFERENCE AND COORDINATE WITH ARCHITECTURAL SECTIONS. TWO OF THESE FIXTURES ARE LOCATED IN LOWER LEVEL CABINETRY. TRANSFORMER SHALL BE REMOTE LOCATED IN ACCESSIBLE JUNCTION BOX IN UPPER SECTION OF WALL IN AREA INDICATED.
- ⑤ FIXTURE LOCATED ABOVE MAILBOXES BELOW CEILING. COORDINATE WITH ARCHITECTURAL.

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



1 FIRST FLOOR LIGHTING PLAN - WEST WING
E2.1 SCALE: 1/8" = 1'-0"



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

REVISIONS	
④	ADDENDUM #4 OCT. 15, 2001
⑥	ADDENDUM #6 NOV. 01, 2001
CONFORMED DRWGS FEB. 27, 2002	
DC/VR C-059 15-9-02	

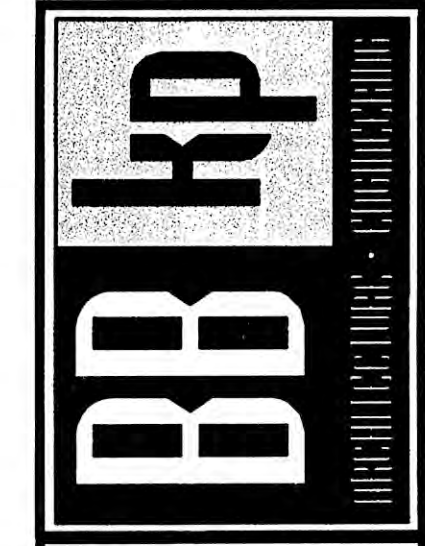
JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AH
REVIEWED	XPT.TCA

FIRST FLOOR LIGHTING PLAN WEST WING

SHEET NO.
E2.1

Q:\2001.007.0 - 53 UNIT HOUSING\ELECTRICAL\2001.017-E2.1.dwg, 03/04/2002 03:26:57 PM, Thomas Hoellering, IZA

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COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

REVISIONS	
4	ADDENDUM #4 OCT. 15, 2001
6	ADDENDUM #6 NOV. 01, 2001
CONFORMED DRWGS FEB. 27, 2002	
DC/NA C-0289 10-4-02	

JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT.TCA

SECOND FLOOR
LIGHTING PLAN
WEST WING

SHEET NO.
E2.2

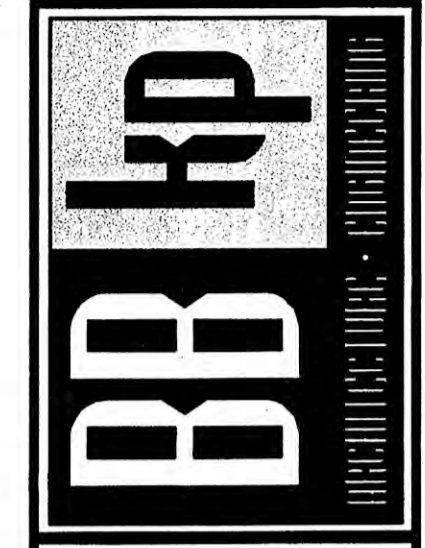


1 SECOND FLOOR LIGHTING PLAN - WEST WING
E2.2 SCALE: 1/8" = 1'-0"

SHEET NOTES

- ① TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

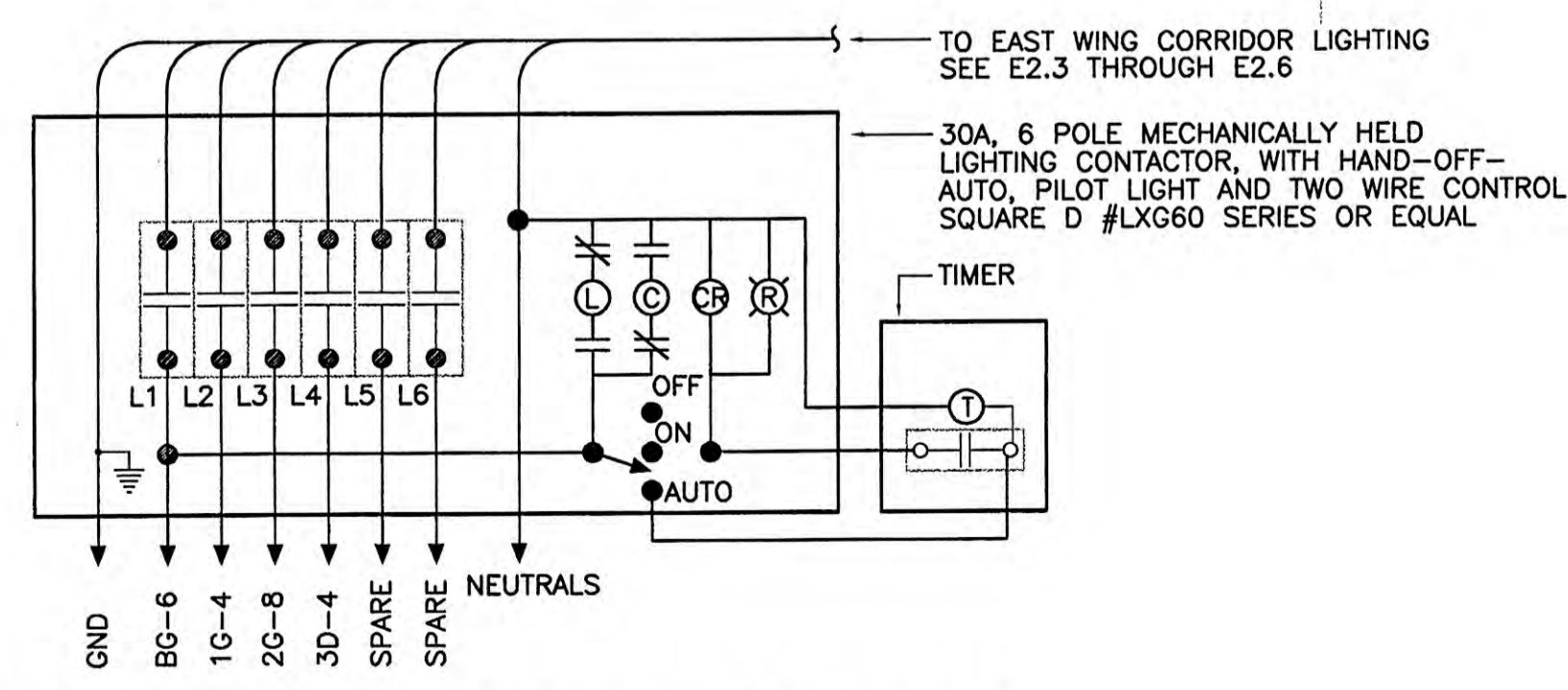
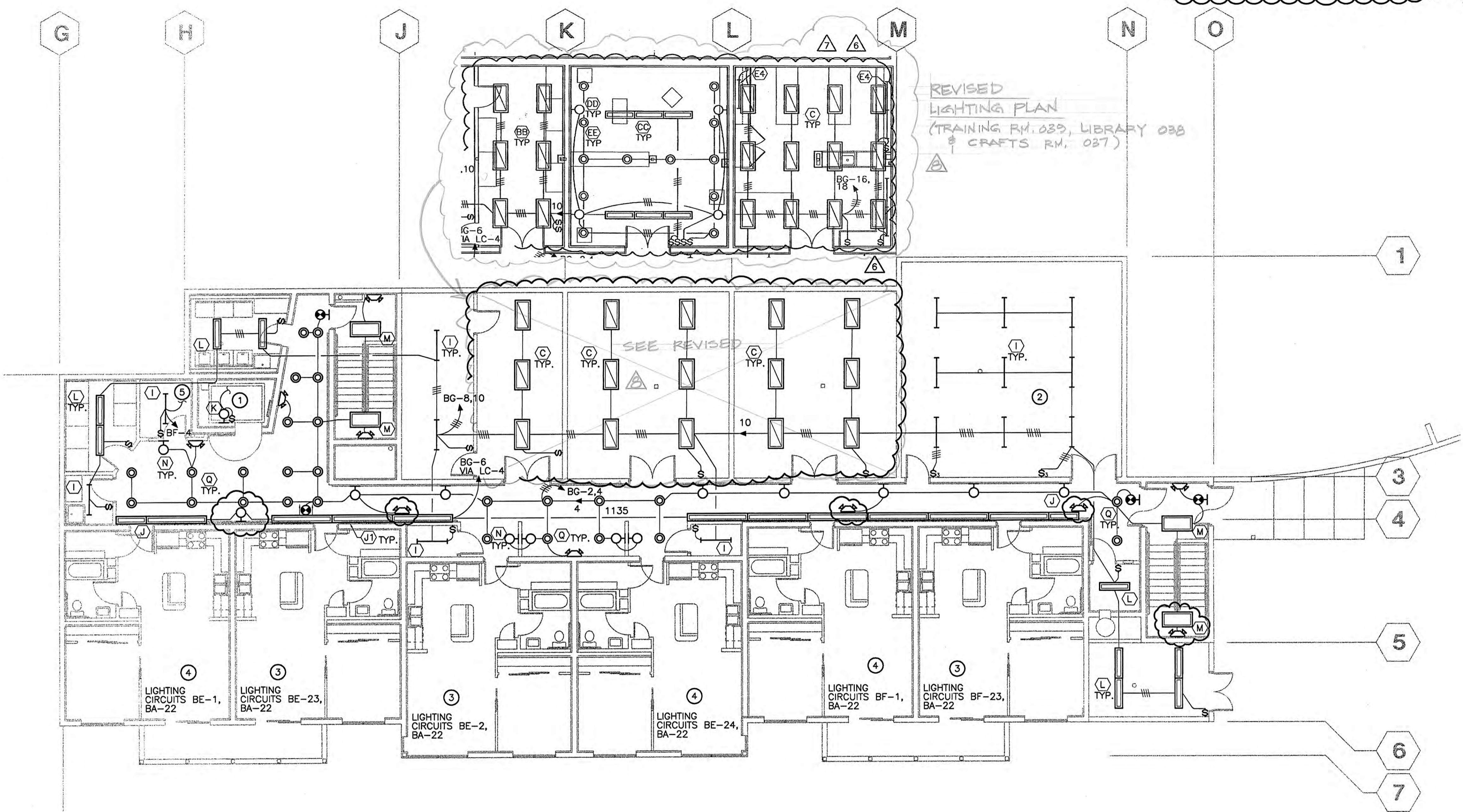
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4	ADDENDUM #4 OCT. 15, 2001
6	ADDENDUM #6 NOV. 01, 2001
CONFORMED DRWGS FEB. 27, 2002	
7	ADDENDUM #7 NOV. 05, 2002
DCA/R A-01 11-20-02	
JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AHJ
REVIEWED	XPT/JCA

LOWER LEVEL
LIGHTING PLAN
EAST WING

SHEET NO.
E2.3

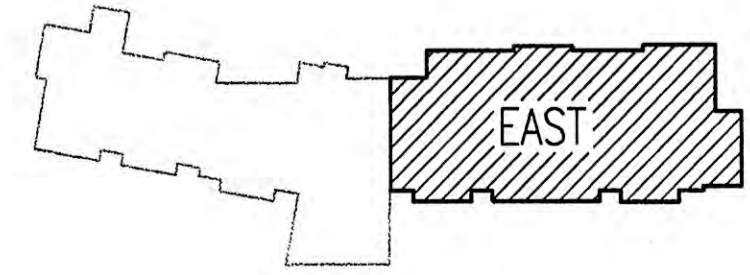
SHEET NOTES

- CONNECT TO THE GFCI DUPLEX RECEPTACLE OUTLET LOCATED IN ELEVATOR PIT. SEE 1/E3.3.
- LOCATE LIGHT FIXTURES TO AVOID ANY CONFLICTS WITH MECHANICAL DUCTWORK AND PIPING.
- TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- CONNECT TO DUPLEX RECEPTACLE OUTLET. SEE 1/E3.3.



2 LIGHTING CONTACTOR DETAIL
E2.3 SCALE: NTS

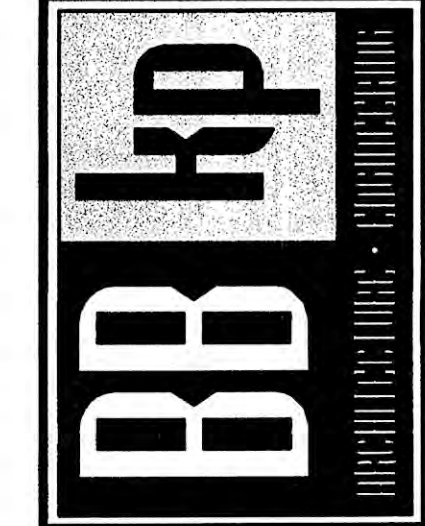
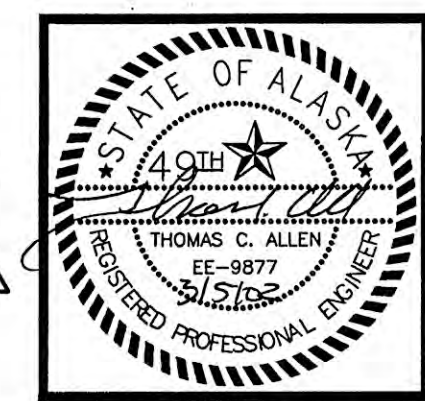
1 LOWER LEVEL LIGHTING PLAN - EAST WING
E2.3 SCALE: 1/8" = 1'-0"



KEY PLAN

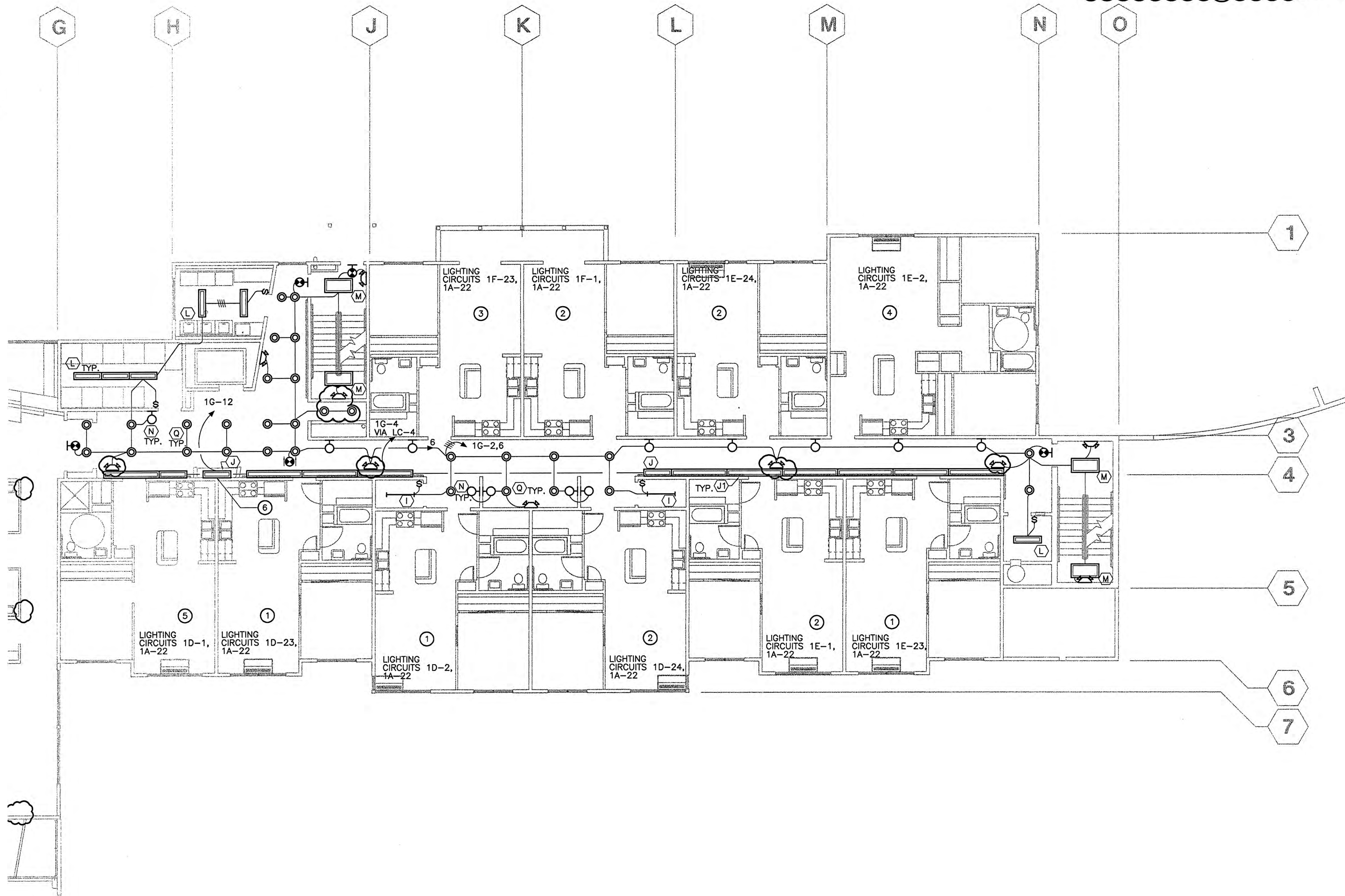
RECORD DRAWING

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.

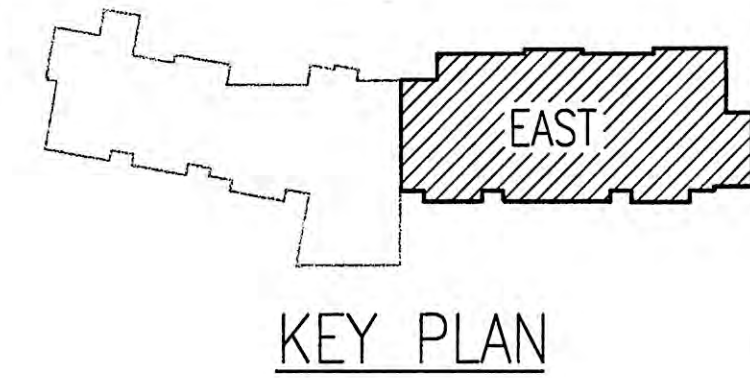


SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ④ TWO BEDROOM ACCESSIBLE UNIT. SEE 5/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ⑤ ONE BEDROOM ACCESSIBLE UNIT. SEE 4/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ⑥ FIXTURE LOCATED ABOVE MAILBOXES BELOW CEILING. COORDINATE WITH ARCHITECTURAL.



1 FIRST FLOOR LIGHTING PLAN - EAST WING
E2.4 SCALE: 1/8" = 1'-0"



**COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA**

REVISIONS
ADDENDUM #4
OCT. 15, 2001

CONFORMED DRWGS
FEB. 27, 2002

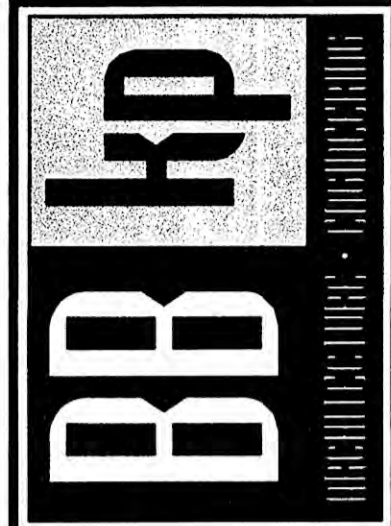
JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPT.TCA

FIRST FLOOR
LIGHTING PLAN
EAST WING

SHEET NO.
E2.4

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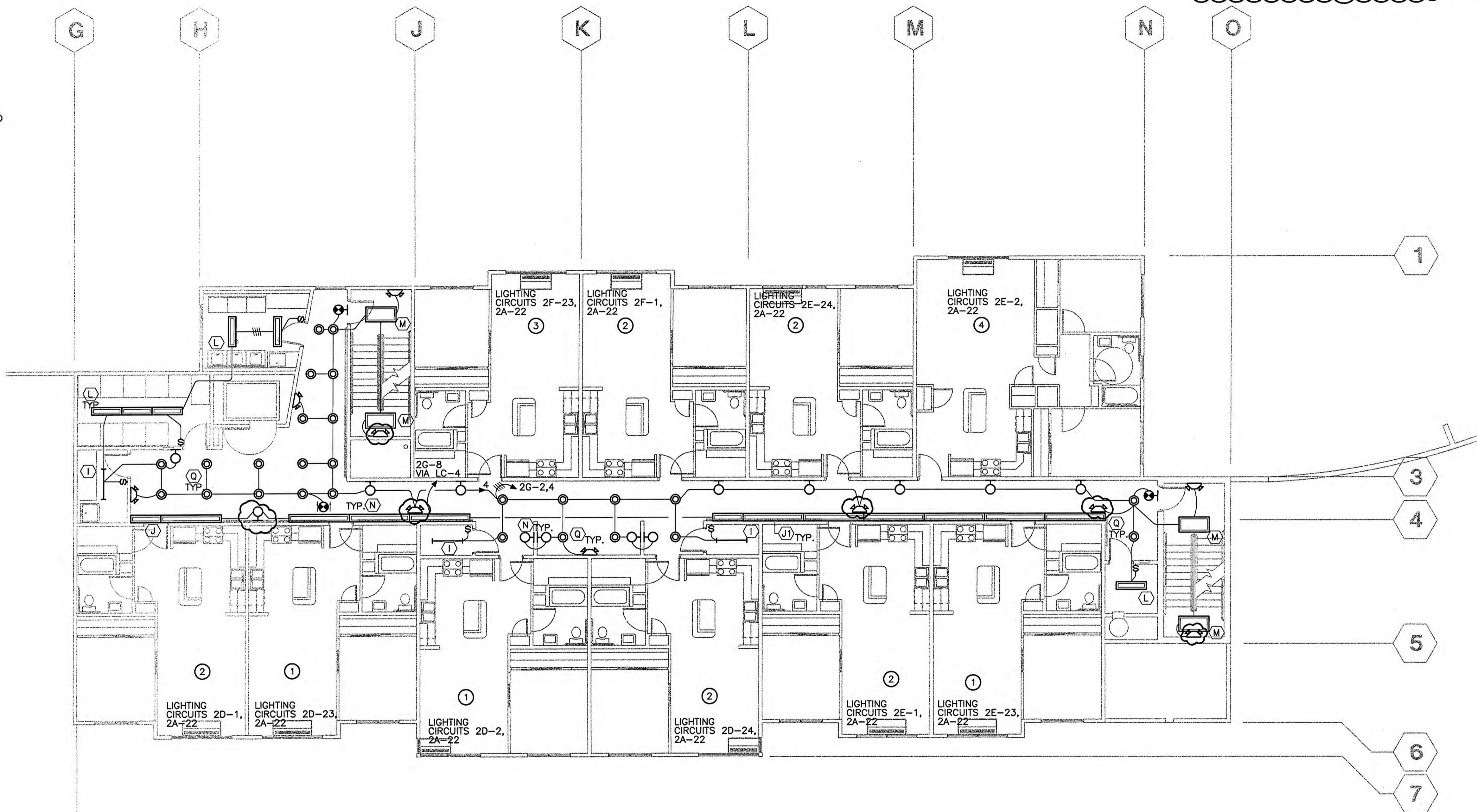
DO NOT SCALE THESE DRAWINGS.
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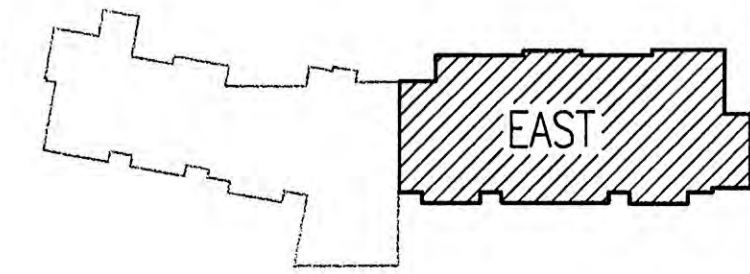
IZZA
RAY, ZITLOW & ASSOCIATES, LLC
Mechanical & Electrical Consulting Engineers
411 7th Street, Suite 408
Anchorage, Alaska 99501
Tel: (907) 562-1012 Fax: (907) 562-1013

SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ④ TYPICAL TWO BEDROOM UNIT EAST WING. SEE 3/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.



1 SECOND FLOOR LIGHTING PLAN - EAST WING
E2.5 SCALE: 1/8" = 1'-0"



KEY PLAN

COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

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▲ ADDENDUM #4
OCT. 15, 2001

CONFORMED DRWGS
FEB. 27, 2002

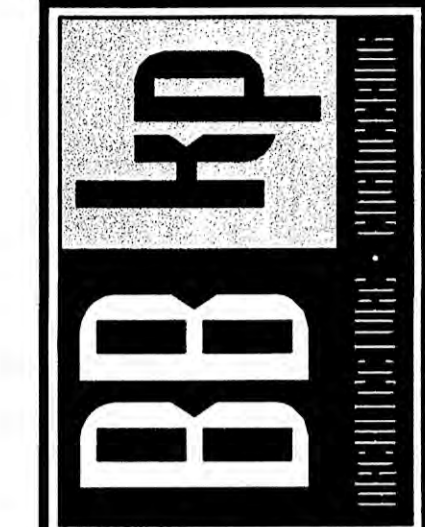
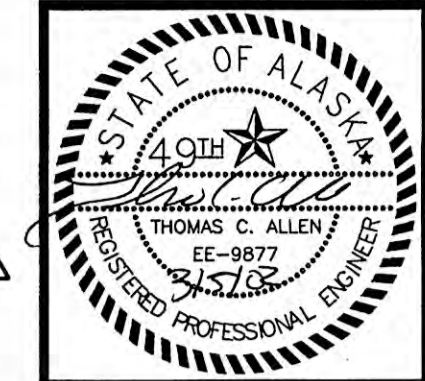
JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPT, TCA

SECOND FLOOR
LIGHTING PLAN
EAST WING

SHEET NO.
E2.5

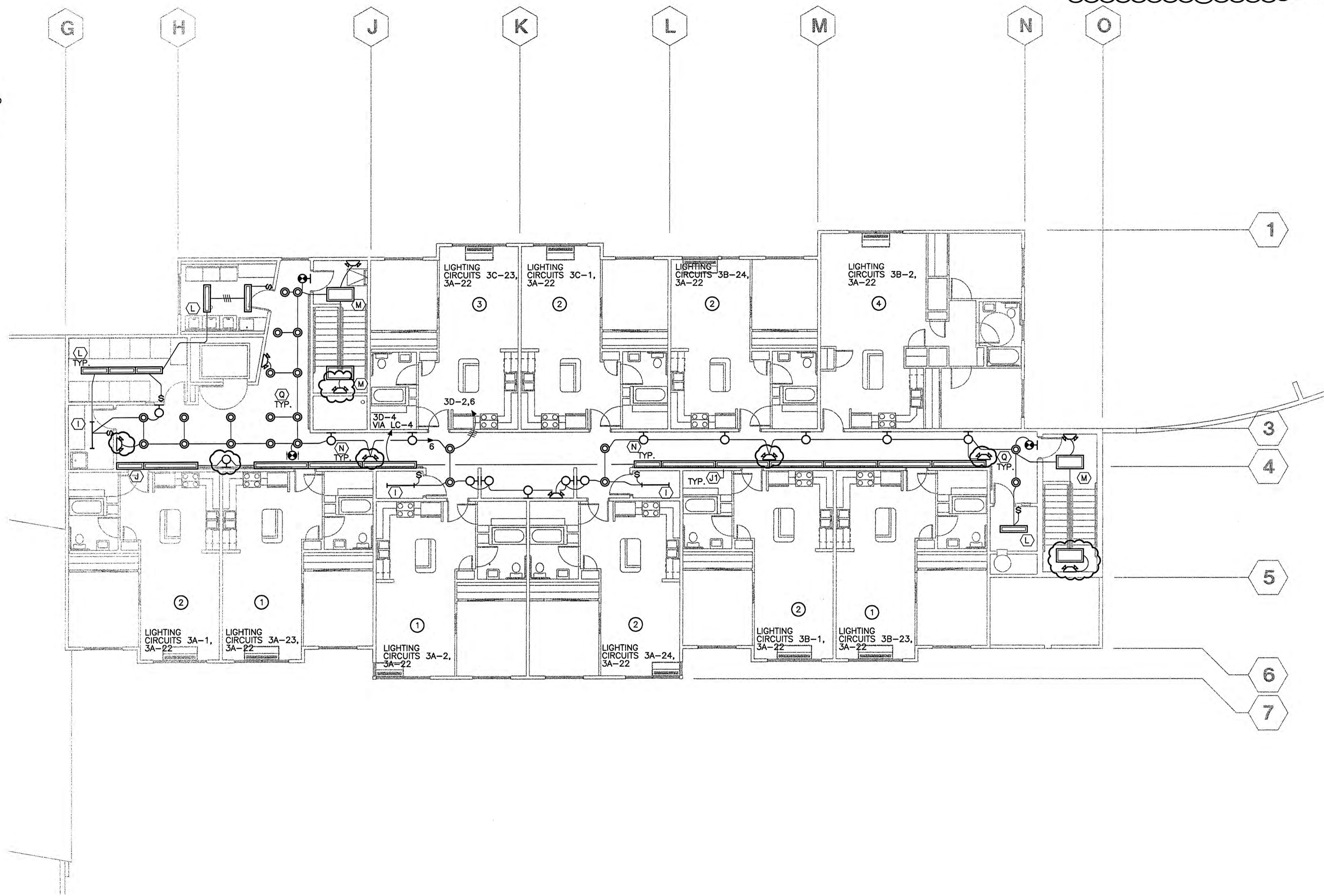
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DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.

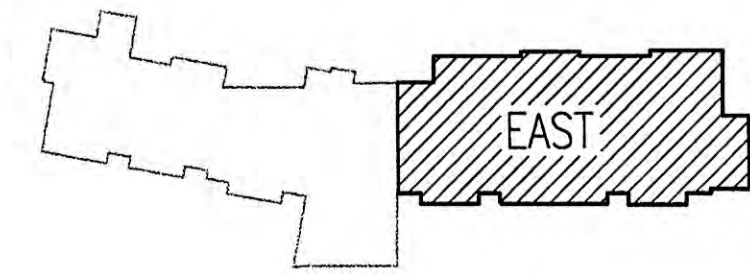


SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.
- ④ TYPICAL TWO BEDROOM UNIT EAST WING. SEE 3/E2.7 FOR ENLARGED LIGHTING PLAN THIS AREA.



1 THIRD FLOOR LIGHTING PLAN - EAST WING
E2.6 SCALE: 1/8" = 1'-0"



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53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

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OCT. 15, 2001

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FEB. 27, 2002

JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPT/TCA

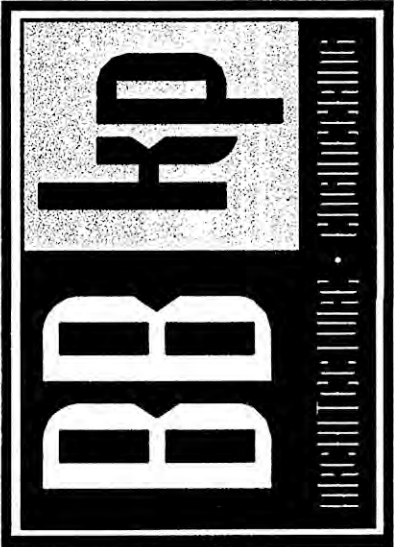
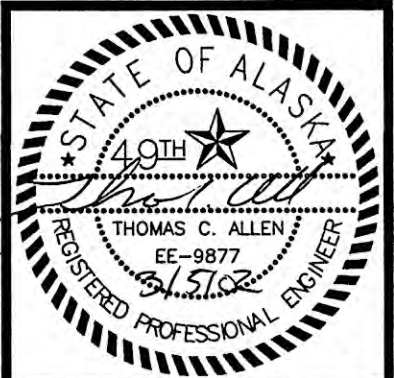
THIRD FLOOR
LIGHTING PLAN
EAST WING

SHEET NO.
E2.6

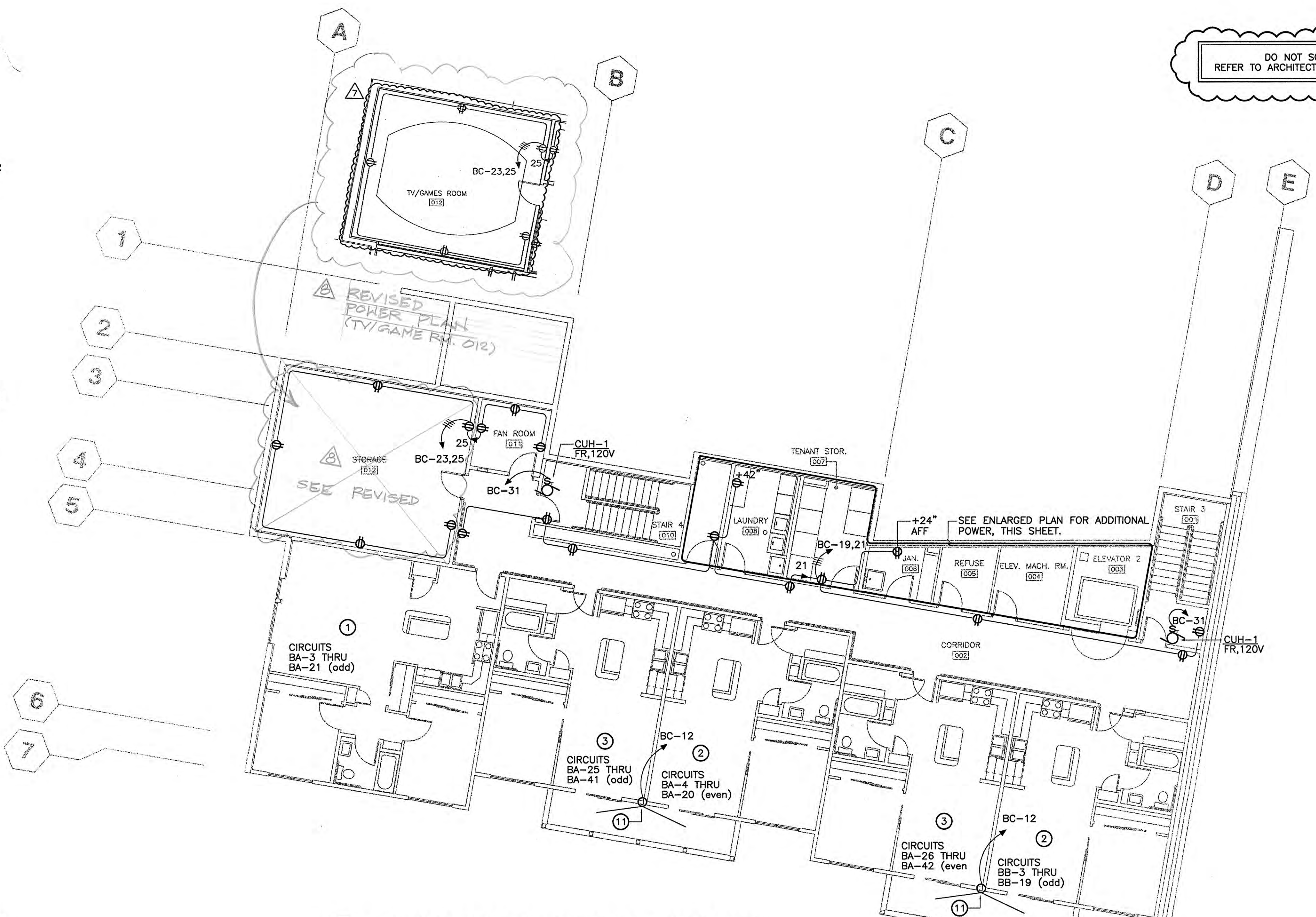
SHEET NOTES

- 1 TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 2 TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 3 TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 4 SINGLE RECEPTACLE OUTLET FOR CONNECTION TO SP-1. FIELD VERIFY FOR LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
- 5 CONNECT TO LIGHT FIXTURE LOCATED IN THE ELEVATOR PIT. SEE 1/E2.0.
- 6 30A, 1Ø HEAVY DUTY FUSED DISCONNECT SWITCH FOR CONNECTION TO ELEVATOR CONTROL PANEL. FUSE AT 20A.
- 7 FUSED DISCONNECT SWITCH FOR CONNECTION TO ELEVATOR MOTOR. SEE 1/E5.0 FOR FUSED DISCONNECT SWITCH, CONDUIT AND WIRE SIZE.
- 8 UNIT MOUNTED ELEVATOR CONTROL PANEL.
- 9 CONNECT TO LIGHTING CIRCUIT IN THIS ROOM. SEE 1/E2.0.
10. FIELD COORDINATE WITH MECHANICAL EQUIPMENT, PIPING, DUCT WORK ETC. PRIOR TO LOCATING ELECTRICAL DEVICES (i.e. DISCONNECT SWITCH COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT, ETC.) TO MAINTAIN 3'-0" WORKING CLEARANCE IN FRONT OF THE ELECTRICAL DEVICES. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING ELECTRICAL DEVICES TO MECHANICAL EQUIPMENT'S ENCLOSURE.
- 11 JUNCTION BOX FOR CONNECTION OF HEAT TRACE PROVIDE J-BOX AND CONDUIT ROUTED DOWN WALL THRU SLAB INTO SIDE OF BALCONY DAYLIGHT DRAIN. HEATTRACE ENTIRE LINE WITH HEAT TRACE TERMINATED AT PIPE DAYLIGHT LOCATION (APPROX 35'). RAYCHEM GM-1X OR EQUAL AND ALL REQUIRED APPURTENANCES FOR A COMPLETE INSTALLATION.

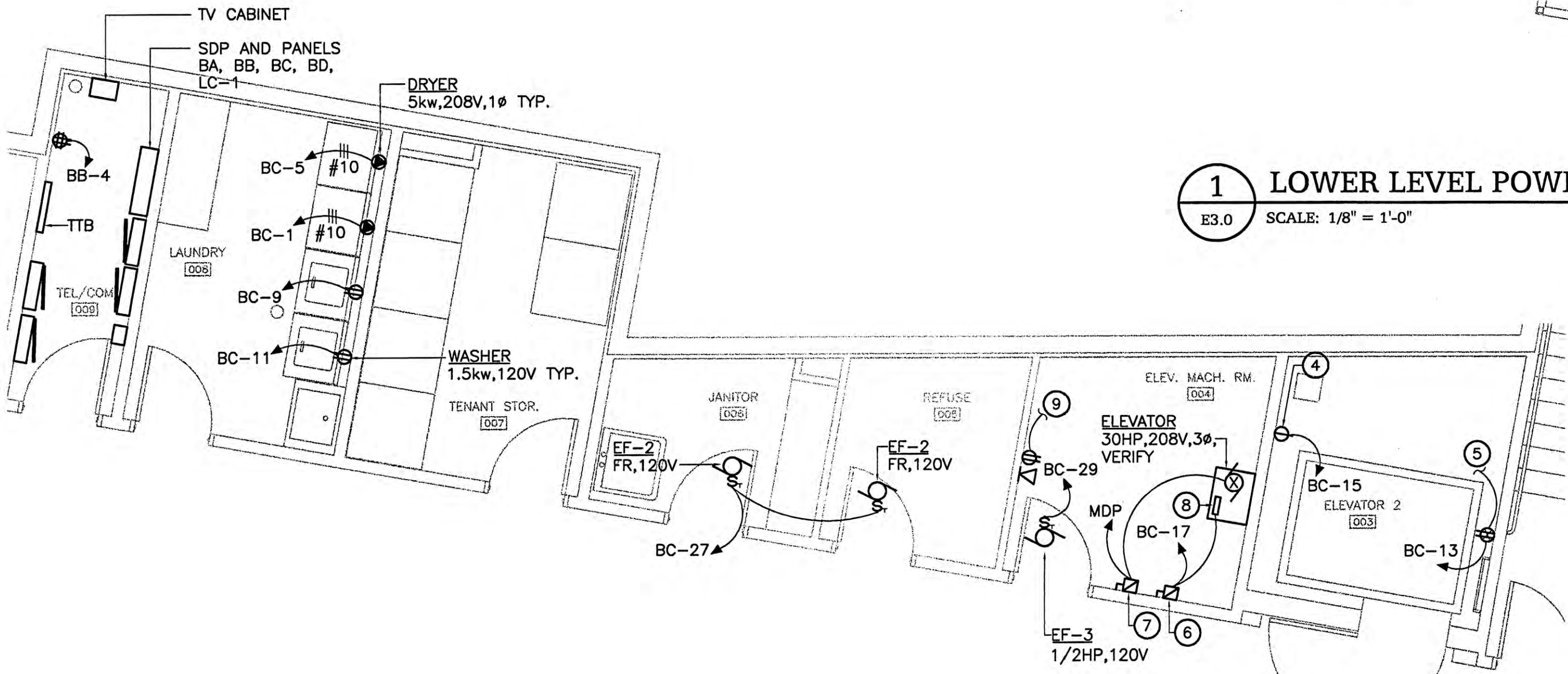
DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

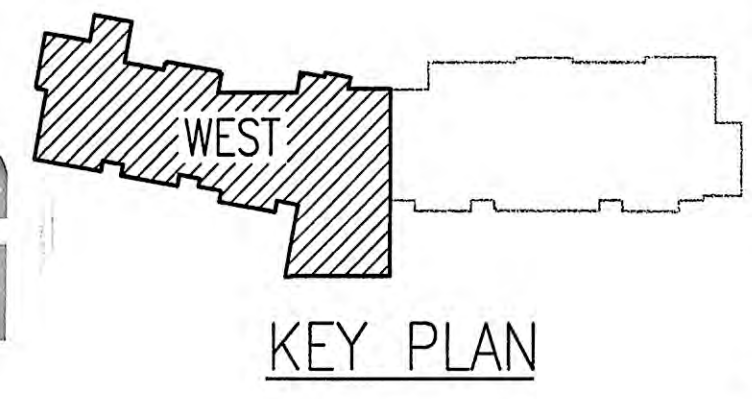


1 LOWER LEVEL POWER PLAN - WEST WING
E3.0 SCALE: 1/8" = 1'-0"



2 ENLARGED POWER PLAN
E3.0 SCALE: 1/4" = 1'-0"

RECORD DRAWING



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ADDENDUM #7
NOV. 05, 2002
DC/VR A-031
11-20-02

JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPT, TCA

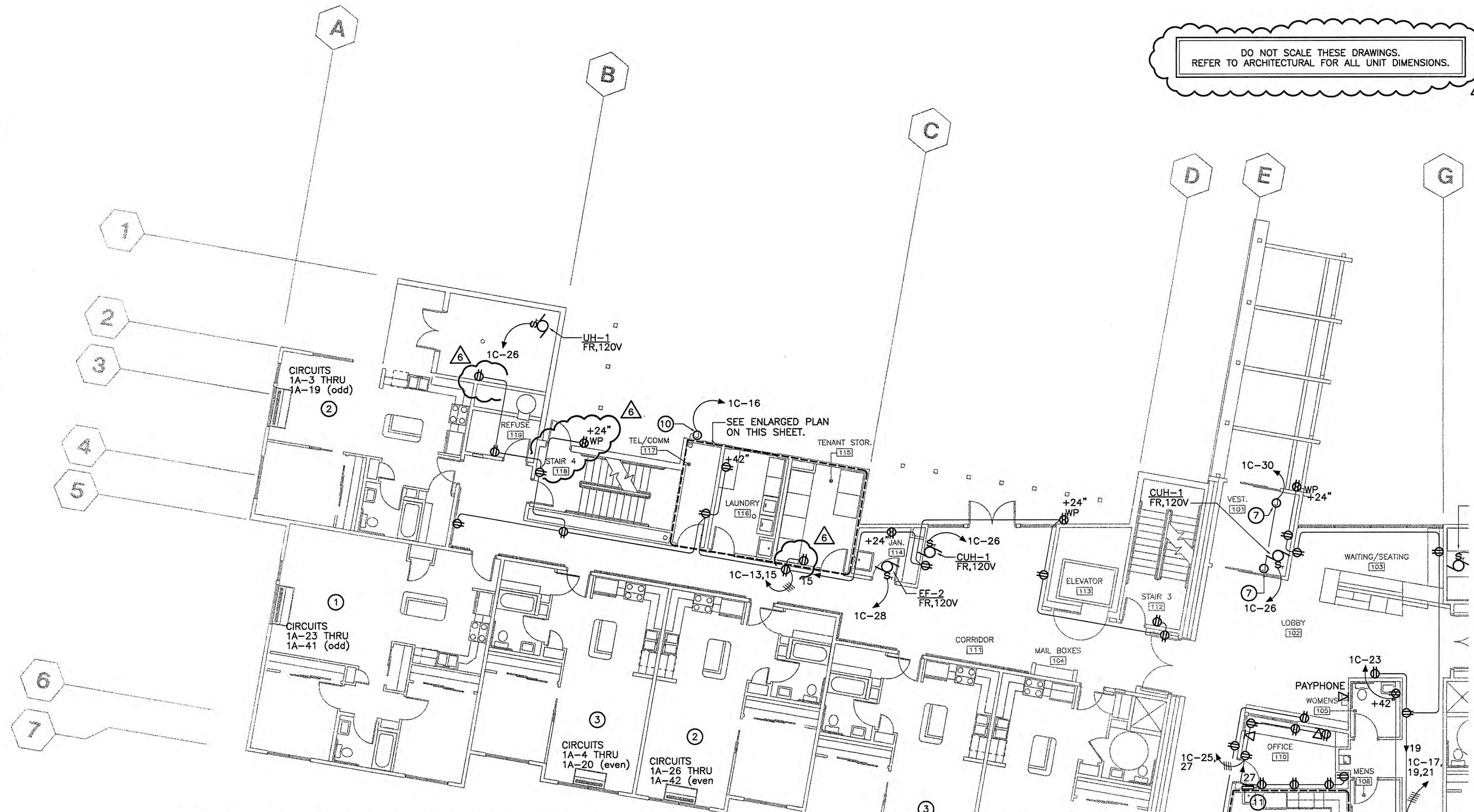
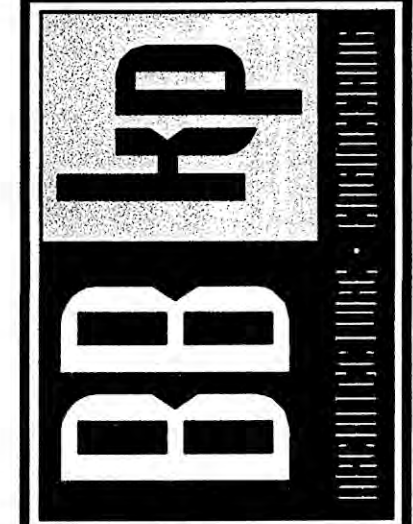
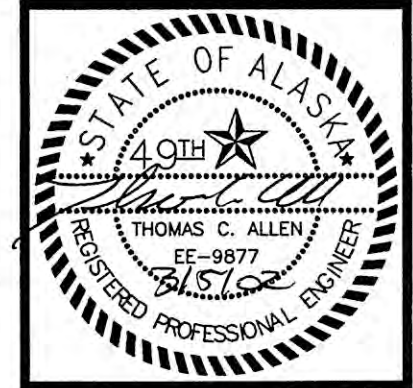
LOWER LEVEL POWER PLAN WEST WING

SHEET NO. **E3.0**

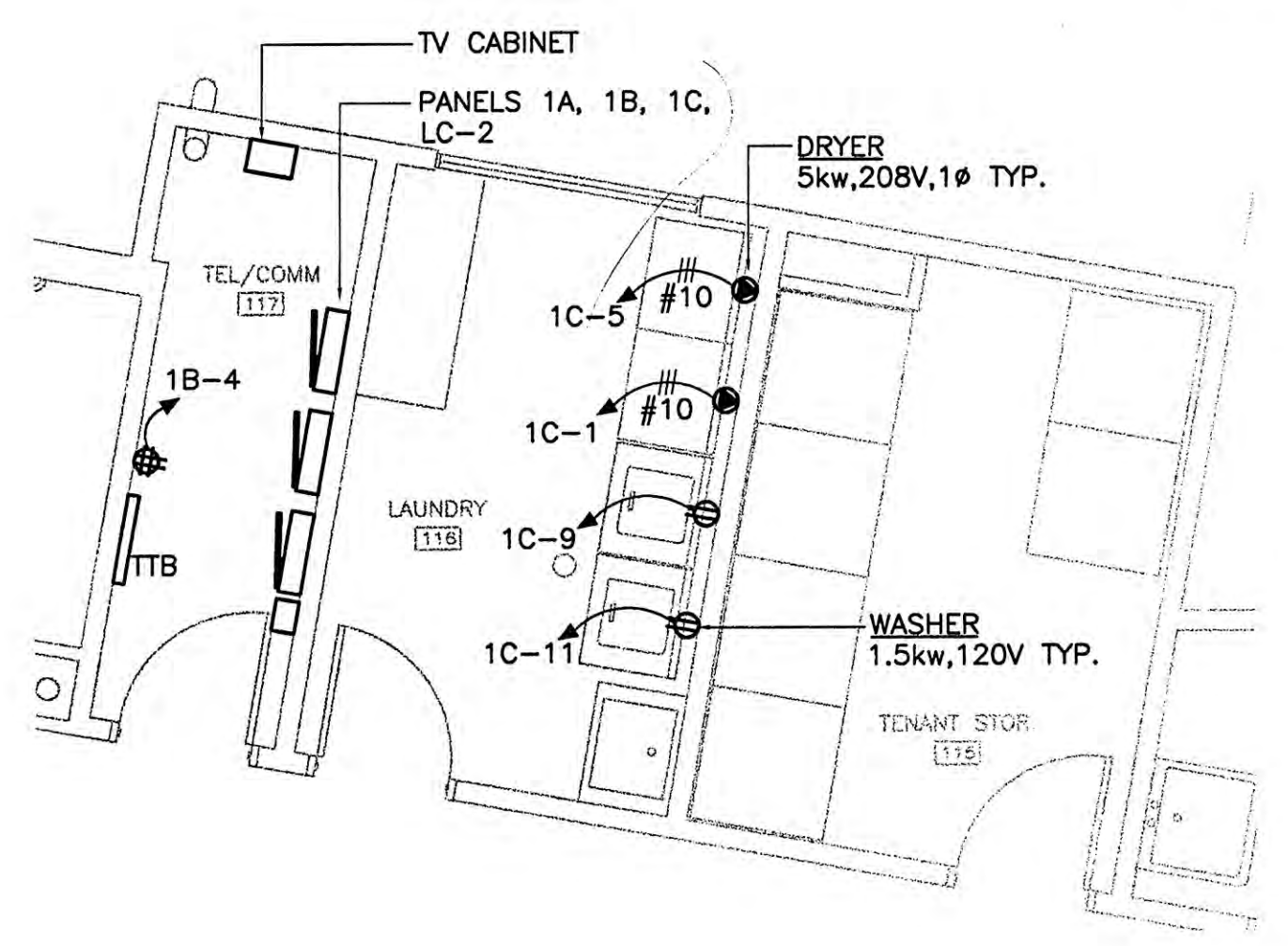
SHEET NOTES

- 1 TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 2 TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 3 TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 4 REFRIGERATOR - 0.6 KVA, 120V.
- 5 ELECTRIC RANGE - 5 KVA, 208V, 1 ϕ .
- 6 DISHWASHER - 120VA, 12V.
- 7 JUNCTION BOX FOR CONNECTION TO ELECTRIC SLIDING DOOR, 5A, 120V. COORDINATE LOCATION WITH MANUFACTURER PRIOR TO ROUGH-IN.
- 8 COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
- 9 FIELD COORDINATE WITH MECHANICAL EQUIPMENT, PIPING, DUCT WORK ETC. PRIOR TO LOCATING ELECTRICAL DEVICES (i.e. DISCONNECT SWITCH COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT, ETC.) TO MAINTAIN 3'-0" WORKING CLEARANCE IN FRONT OF THE ELECTRICAL DEVICES. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING ELECTRICAL DEVICES TO MECHANICAL EQUIPMENT'S ENCLOSURE.
- 10 JUNCTION BOX FOR CONNECTION OF HEAT TRACE. PROVIDE J-BOX AND CONDUIT ROUTED DOWN WALL THRU SLAB INTO SIDE OF BALCONY DAYLIGHT DRAIN. HEATTRACE ENTIRE LINE WITH HEAT TRACE TERMINATED AT PIPE DAYLIGHT LOCATION (APPROX 35'). RAYCHEM GM-1X OR EQUAL AND ALL REQUIRED APPURTENANCES FOR A COMPLETE INSTALLATION.
- 11 CONTROL CABINET FOR CARD ACCESS SYSTEM.
- 12

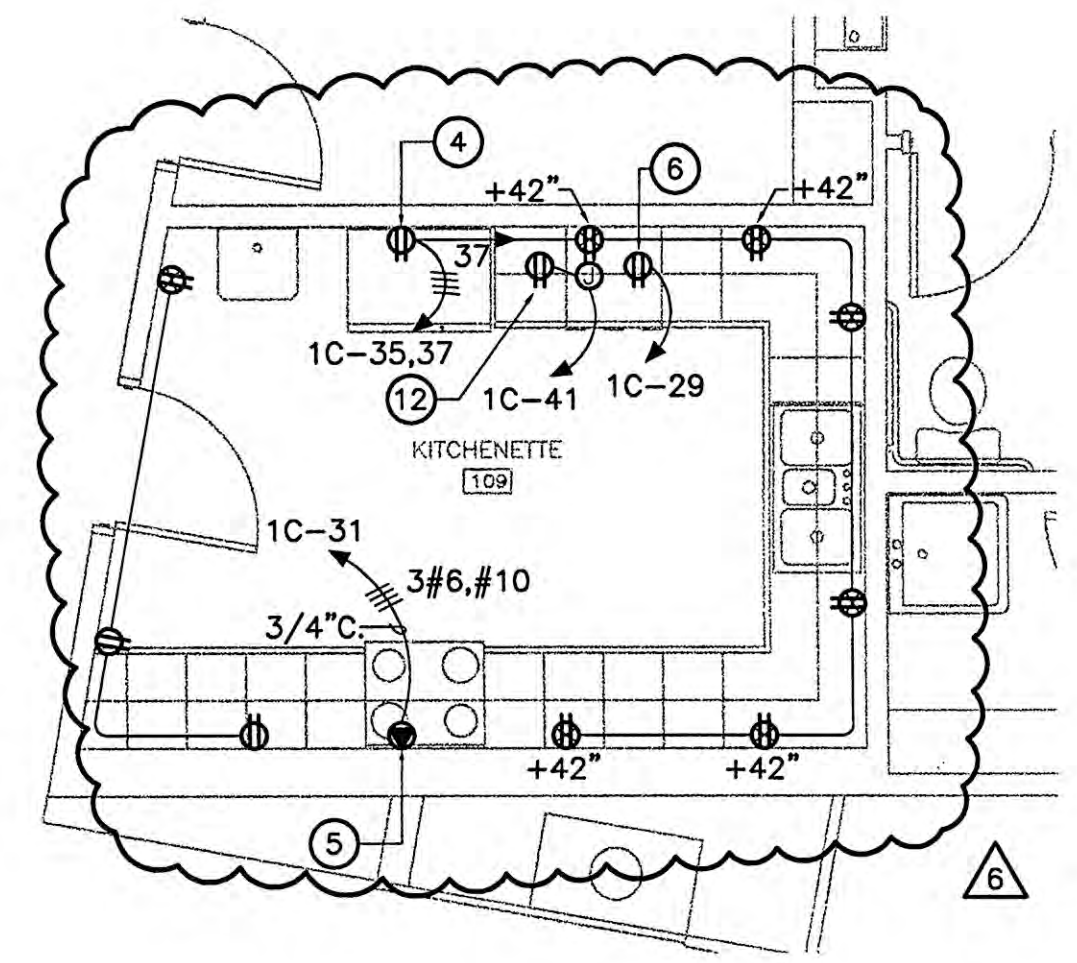
DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



1 FIRST FLOOR POWER PLAN - WEST WING
E3.1 SCALE: 1/8" = 1'-0"

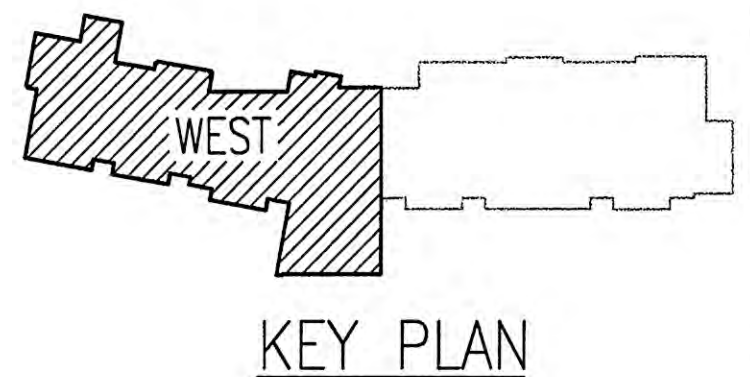


2 ENLARGED POWER PLAN
E3.1 SCALE: 1/4" = 1'-0"



3 ENLARGED POWER PLAN
E3.1 SCALE: 1/4" = 1'-0"

SEE ENLARGED PLAN ON THIS SHEET.
J-BOX FOR CONNECTION TO GAS FIREPLACE CONTROLS, COORDINATE EXACT CONNECTION AND REQUIREMENTS.



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

REVISIONS
ADDENDUM #4
OCT. 15, 2001

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FEB. 27, 2002

JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPT, TCA

FIRST FLOOR POWER PLAN WEST WING

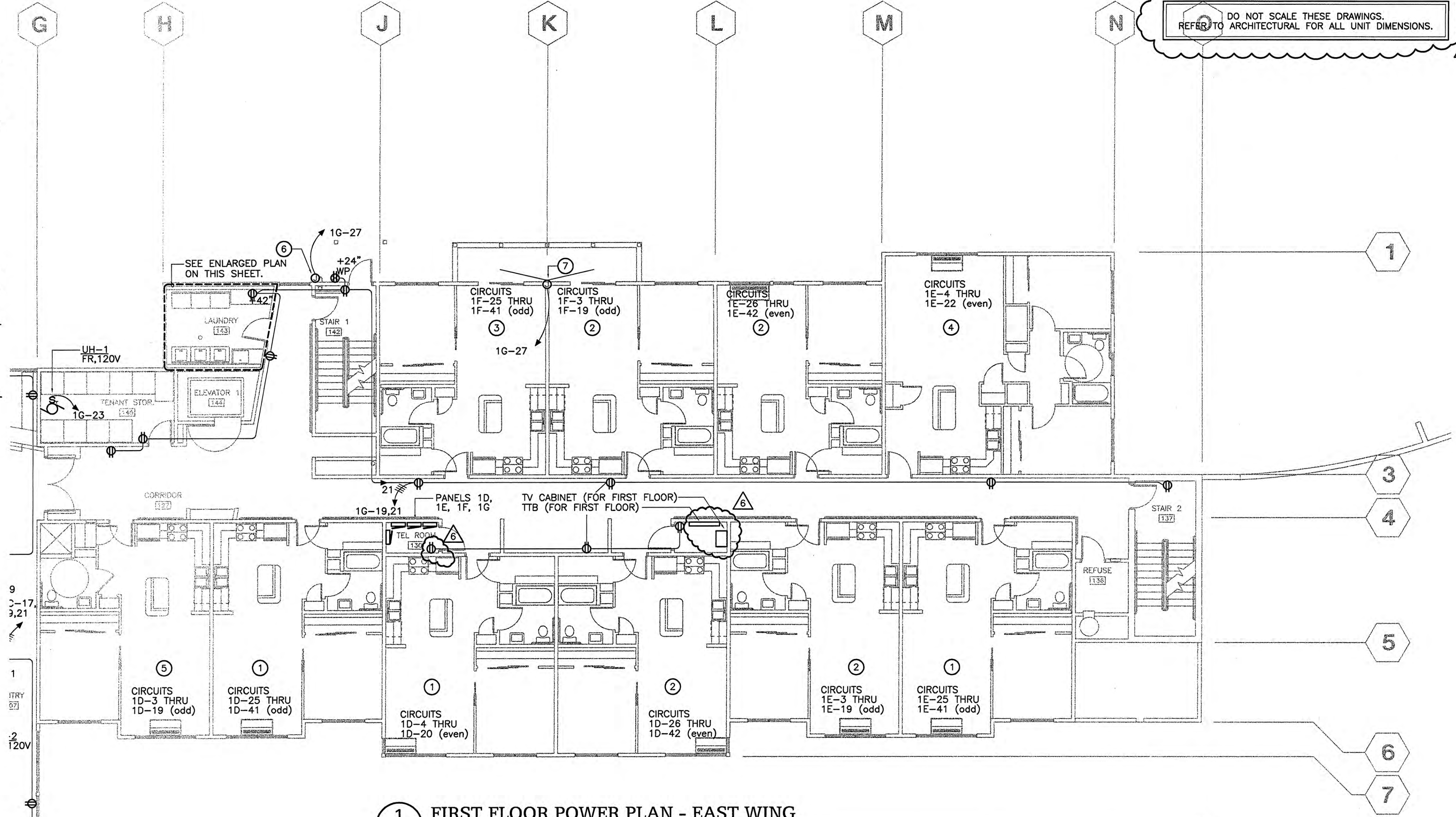
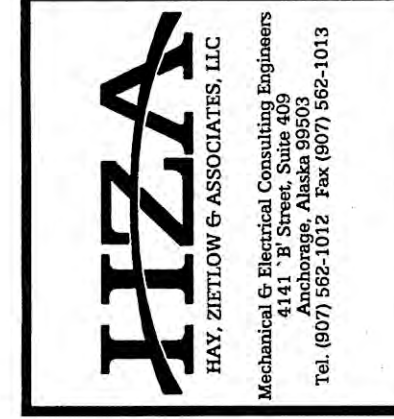
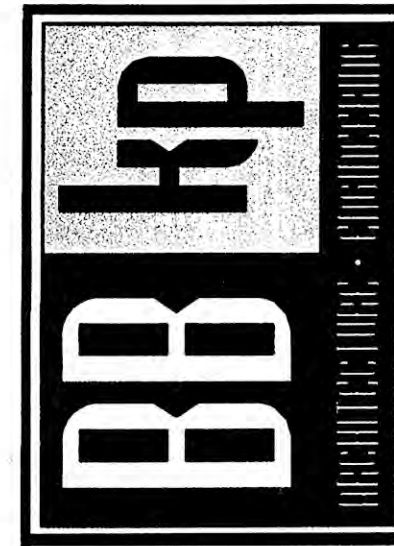
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E3.1

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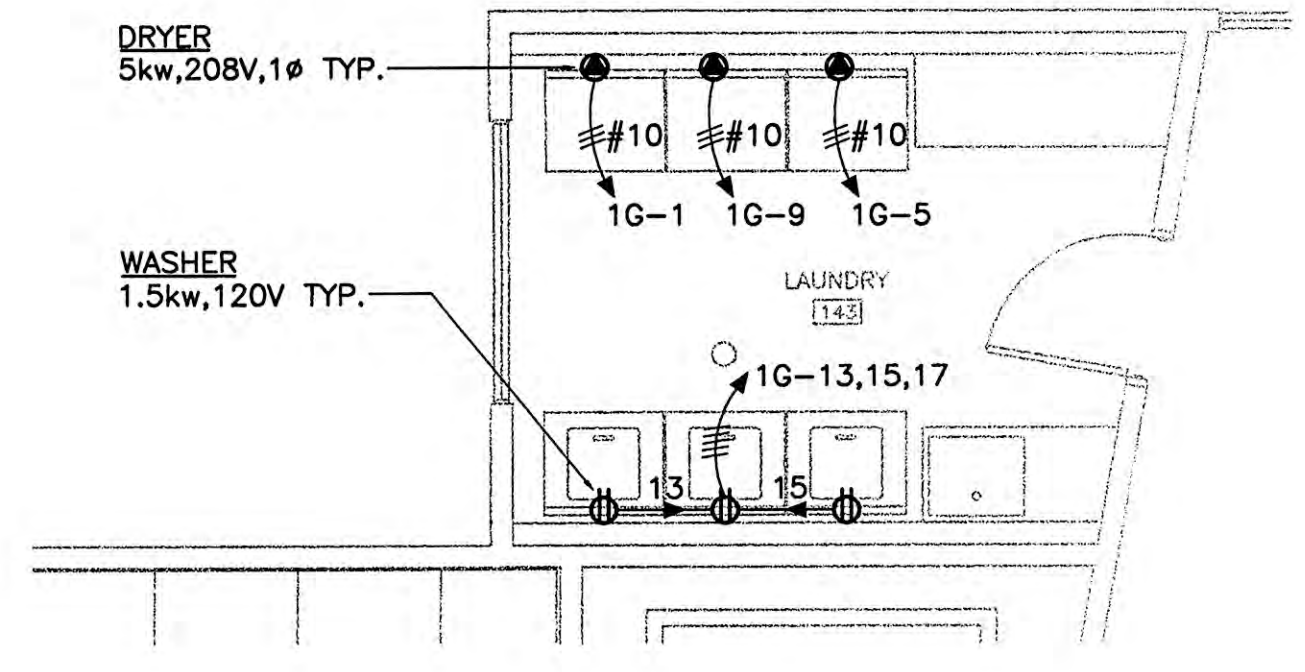
SHEET NOTES

- 1 TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 2 TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 3 TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 4 TWO BEDROOM ACCESSIBLE UNIT. SEE 5/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- 5 ONE BEDROOM ACCESSIBLE UNIT. SEE 4/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
4. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
5. FIELD COORDINATE WITH MECHANICAL EQUIPMENT, PIPING, DUCT WORK ETC. PRIOR TO LOCATING ELECTRICAL DEVICES (i.e. DISCONNECT SWITCH COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT, ETC.) TO MAINTAIN 3'-0" WORKING CLEARANCE IN FRONT OF THE ELECTRICAL DEVICES. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING ELECTRICAL DEVICES TO MECHANICAL EQUIPMENT'S ENCLOSURE.
- 6 JUNCTION BOX FOR CONNECTION TO HEAT TRACE. PROVIDE AND INSTALL HEAT TRACE FOR FIRST 6' OF SCUPPER. RAYCHEM GM-1X OR EQUAL AND ALL REQUIRED APPURTENANCES FOR A COMPLETE INSTALLATION.
- 7 JUNCTION BOX FOR CONNECTION OF HEATTRACE. PROVIDE J-BOX AND CONDUIT ROUTED DOWN WALL THRU SLAB INTO SIDE OF BALCONY DAYLIGHT DRAIN. HEATTRACE ENTIRE LINE WITH HEAT TRACE TERMINATED AT PIPE DAYLIGHT LOCATION (APPROX 35'). RAYCHEM GM-1X OR EQUAL AND ALL REQUIRED APPURTENANCES FOR A COMPLETE INSTALLATION.

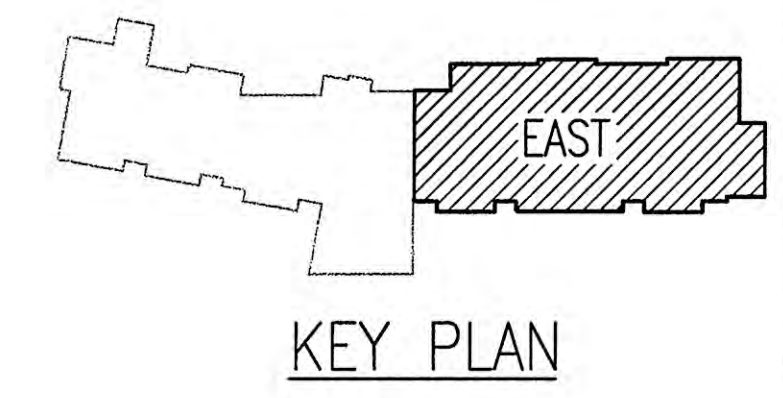
DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



1 FIRST FLOOR POWER PLAN - EAST WING
E3.4 SCALE: 1/8" = 1'-0"



2 ENLARGED POWER PLAN
E3.4 SCALE: 1/4" = 1'-0"



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

REVISIONS
 ADDENDUM #4
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 FEB. 27, 2002

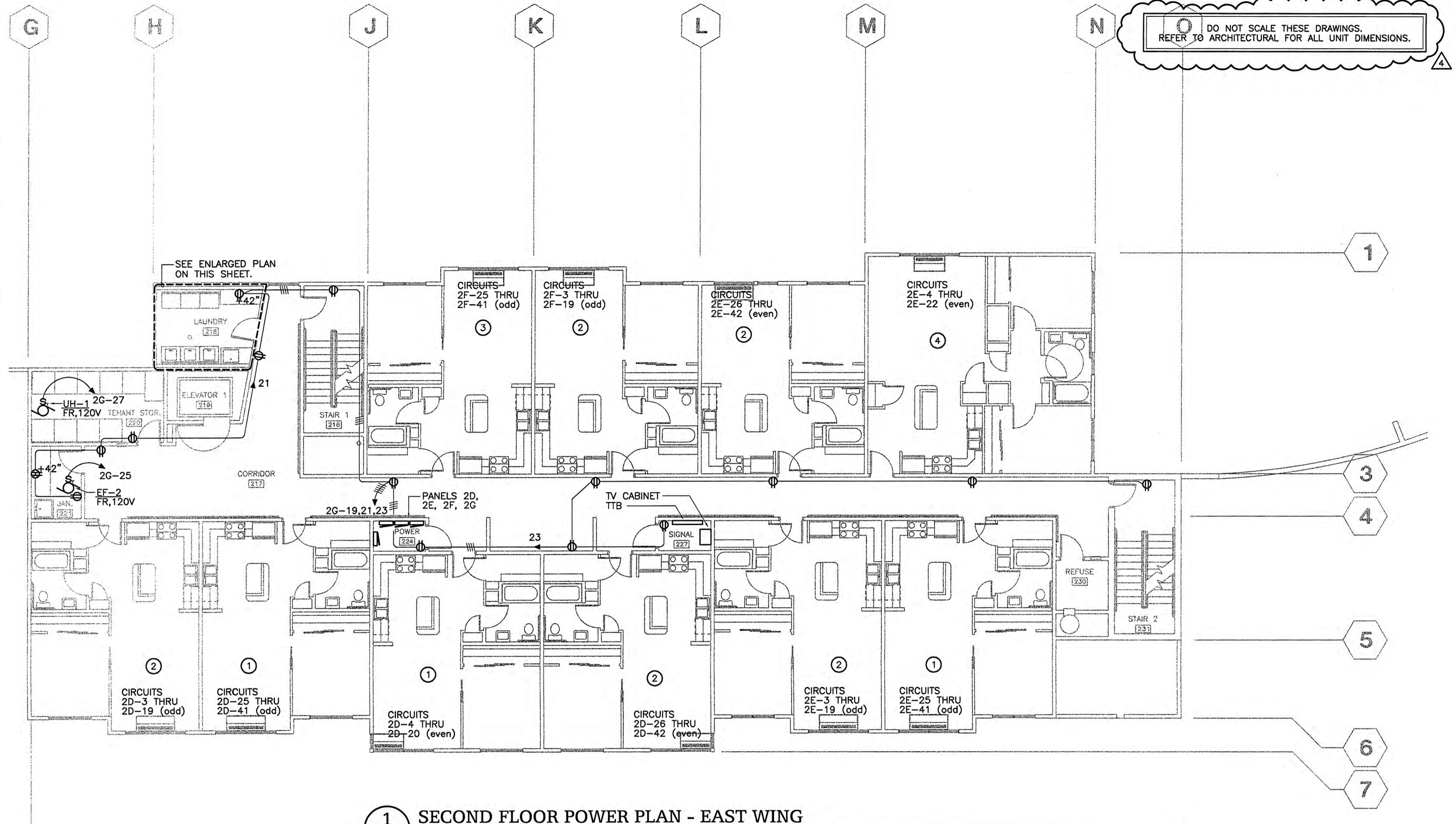
JOB NO. 2001.007.0
 DATE 07/06/01
 DRAWN AMH
 REVIEWED XPI,TCA

FIRST FLOOR POWER PLAN EAST WING

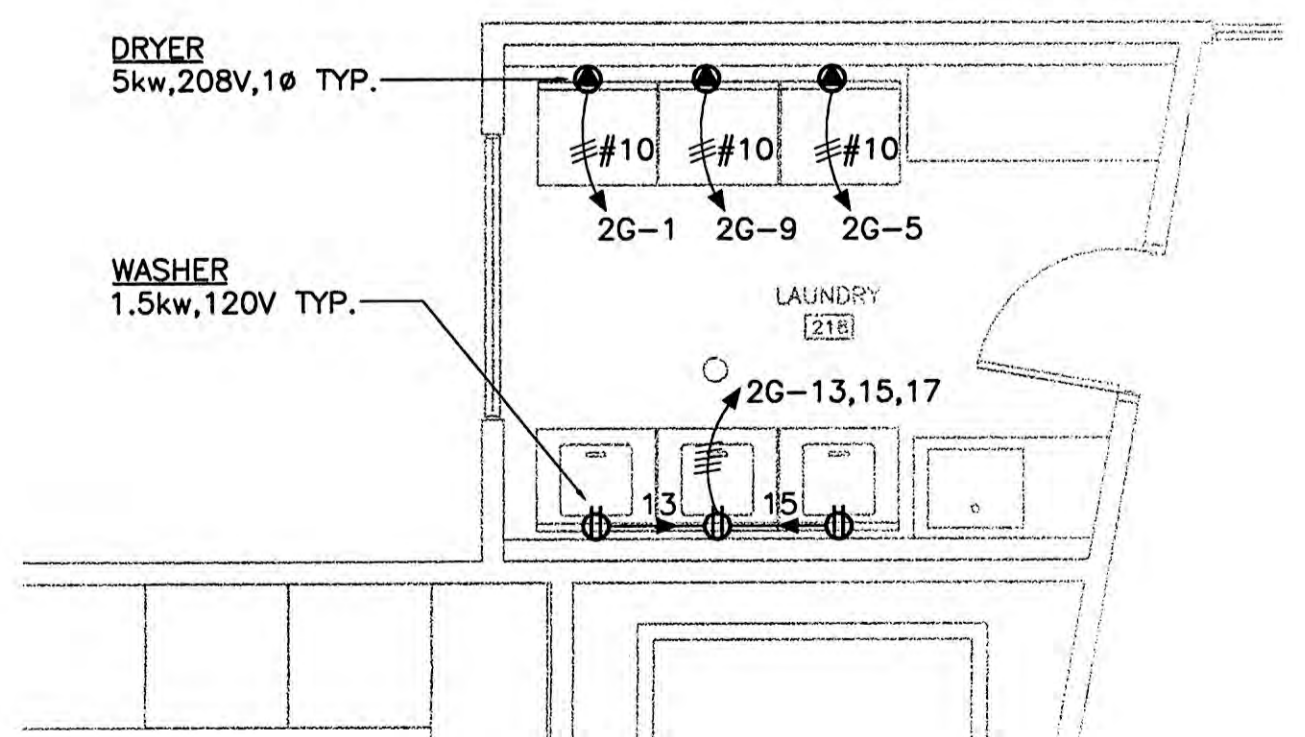
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SHEET NOTES

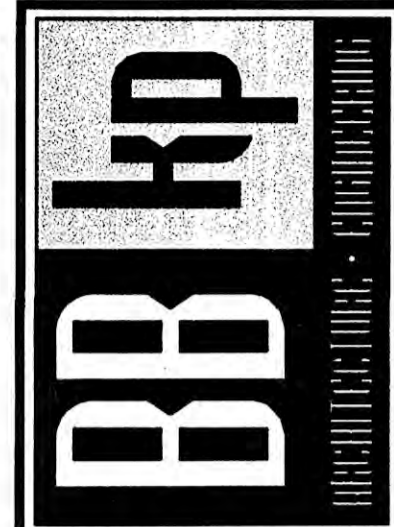
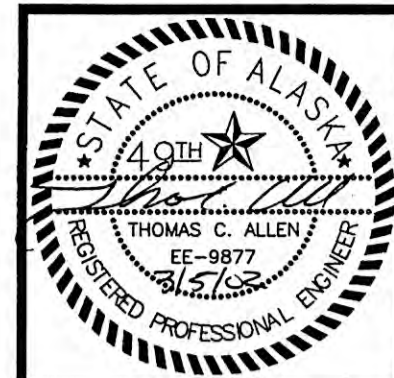
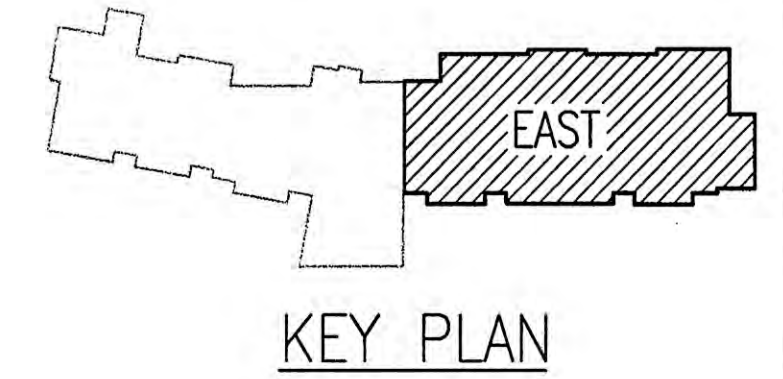
- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ TYPICAL TWO BEDROOM UNIT EAST WING. SEE 3/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
5. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
6. FIELD COORDINATE WITH MECHANICAL EQUIPMENT, PIPING, DUCT WORK ETC. PRIOR TO LOCATING ELECTRICAL DEVICES (i.e. DISCONNECT SWITCH, COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT, ETC.) TO MAINTAIN 3'-0" WORKING CLEARANCE IN FRONT OF THE ELECTRICAL DEVICES. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING ELECTRICAL DEVICES TO MECHANICAL EQUIPMENT'S ENCLOSURE.



1 SECOND FLOOR POWER PLAN - EAST WING
E3.5 SCALE: 1/8" = 1'-0"



2 ENLARGED POWER PLAN
E3.5 SCALE: 1/4" = 1'-0"



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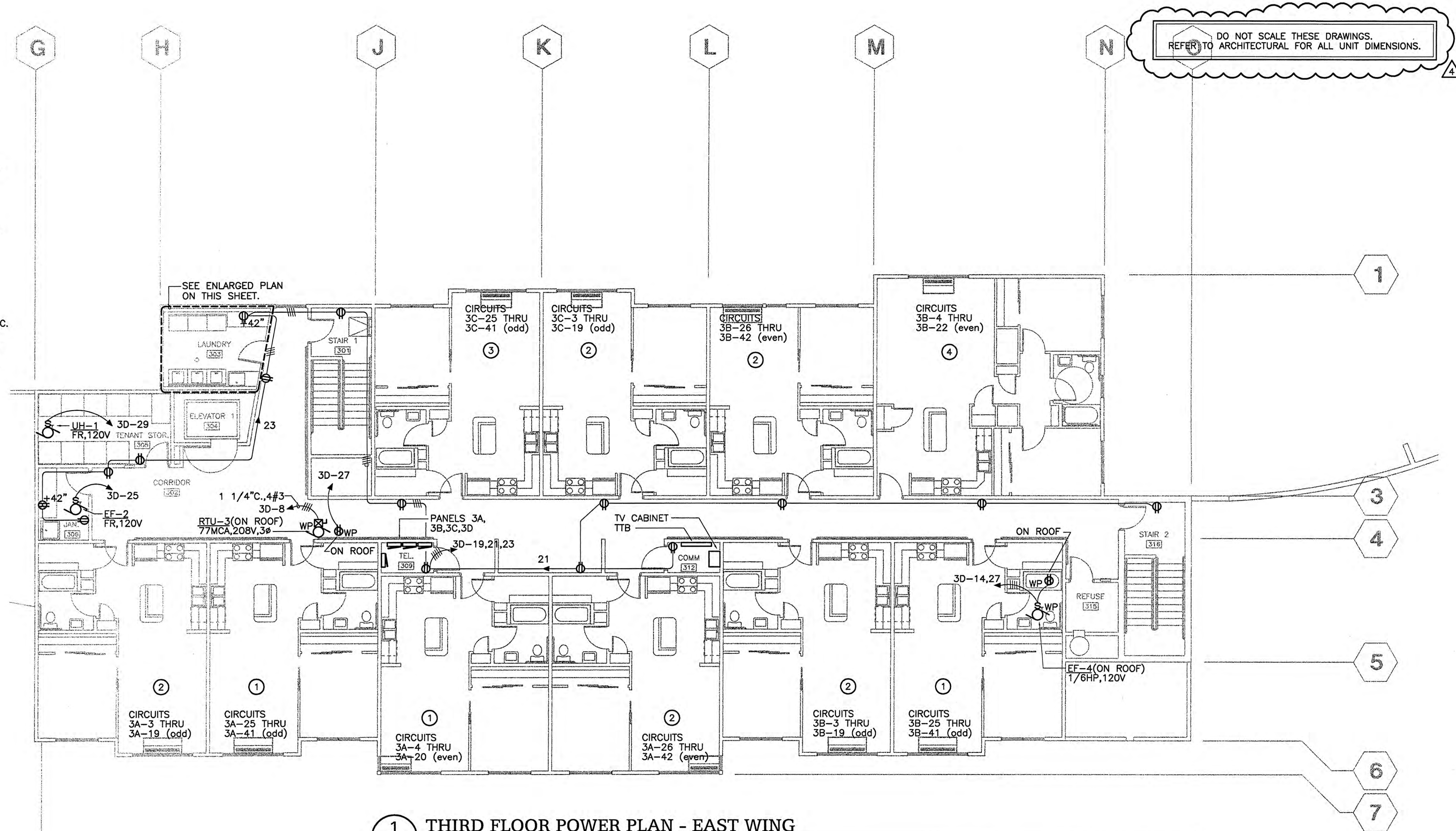
JOB NO. 2001.007.0
 DATE 07/06/01
 DRAWN AMH
 REVIEWED XPT, TCA

SECOND FLOOR POWER PLAN EAST WING

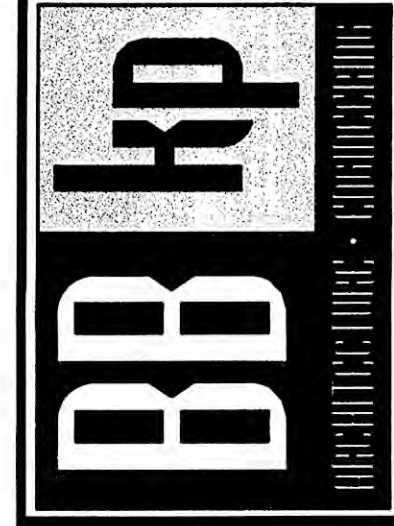
SHEET NO.
E3.5

SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT MIRRORED AND FLIPPED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ TYPICAL TWO BEDROOM UNIT EAST WING. SEE 3/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
5. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
6. FIELD COORDINATE WITH MECHANICAL EQUIPMENT, PIPING, DUCT WORK, ETC. PRIOR TO LOCATING ELECTRICAL DEVICES (i.e. DISCONNECT SWITCH, COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT, ETC.) TO MAINTAIN 3'-0" WORKING CLEARANCE IN FRONT OF THE ELECTRICAL DEVICES. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING ELECTRICAL DEVICES TO MECHANICAL EQUIPMENT'S ENCLOSURE.

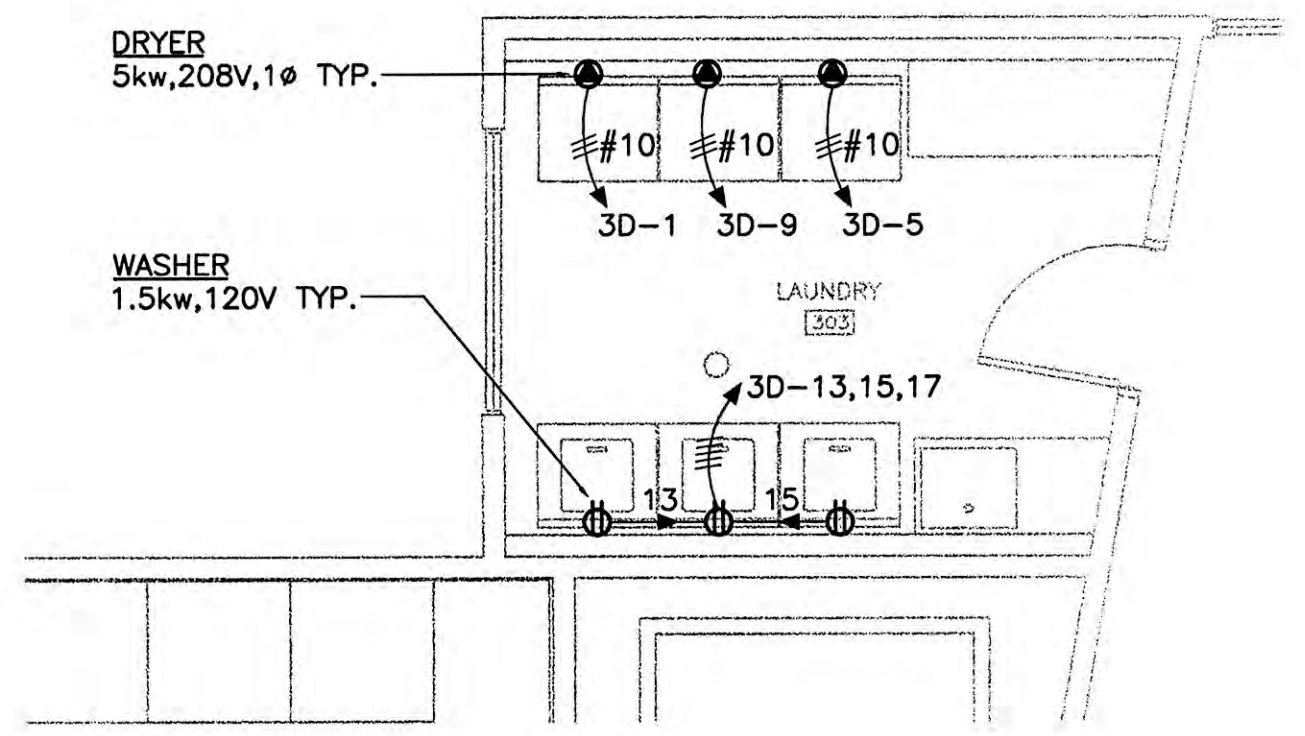


DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.

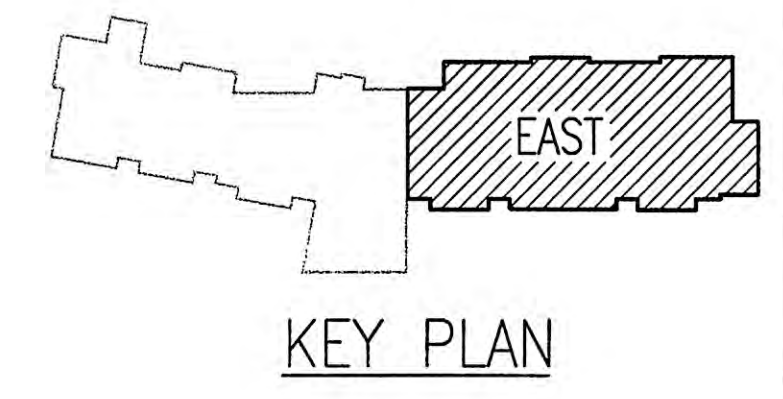


COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

1 THIRD FLOOR POWER PLAN - EAST WING
E3.6 SCALE: 1/8" = 1'-0"



2 ENLARGED POWER PLAN
E3.6 SCALE: 1/4" = 1'-0"



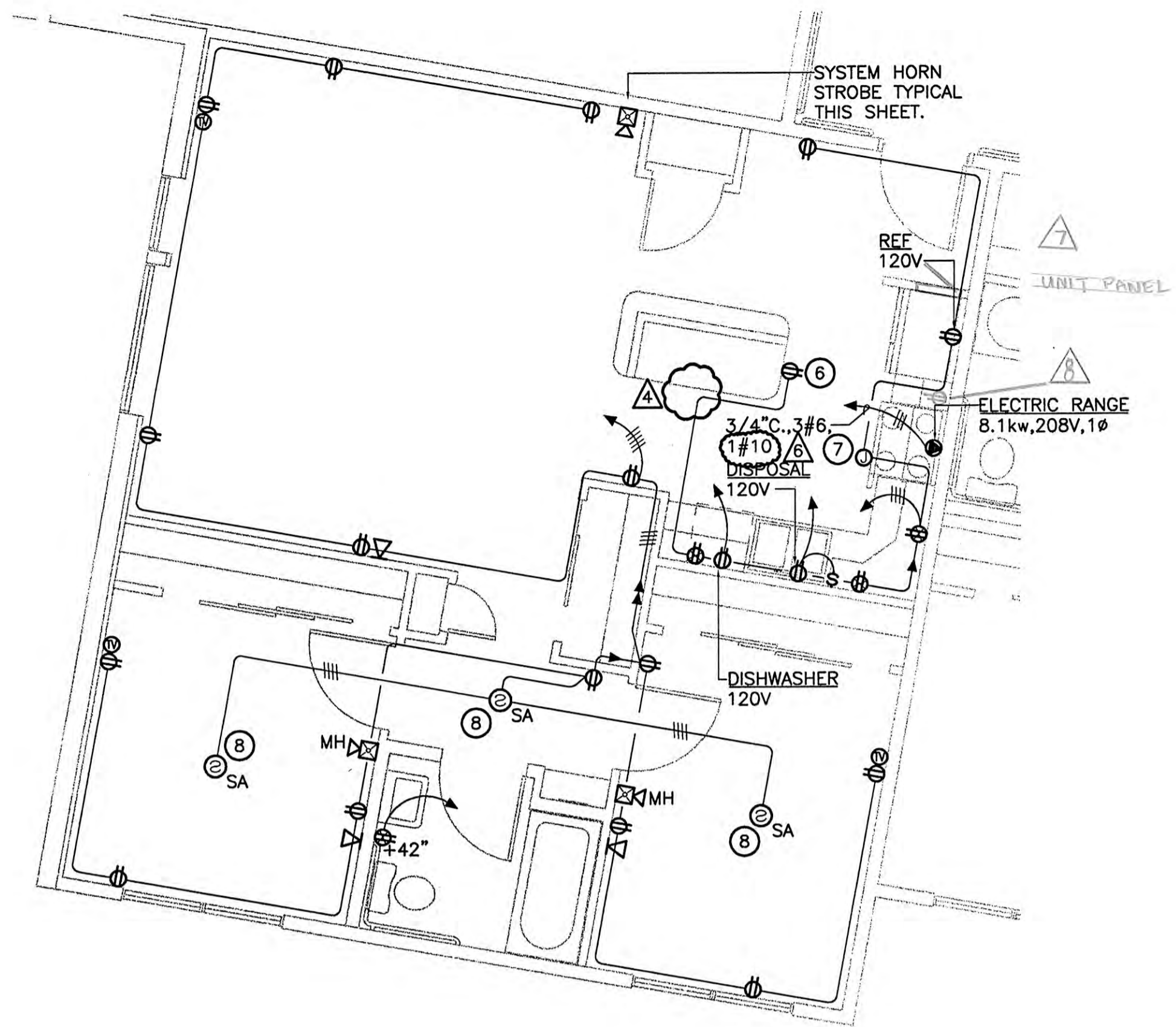
REVISIONS
ADDENDUM #4
OCT. 15, 2001

CONFORMED DRWGS
FEB. 27, 2002

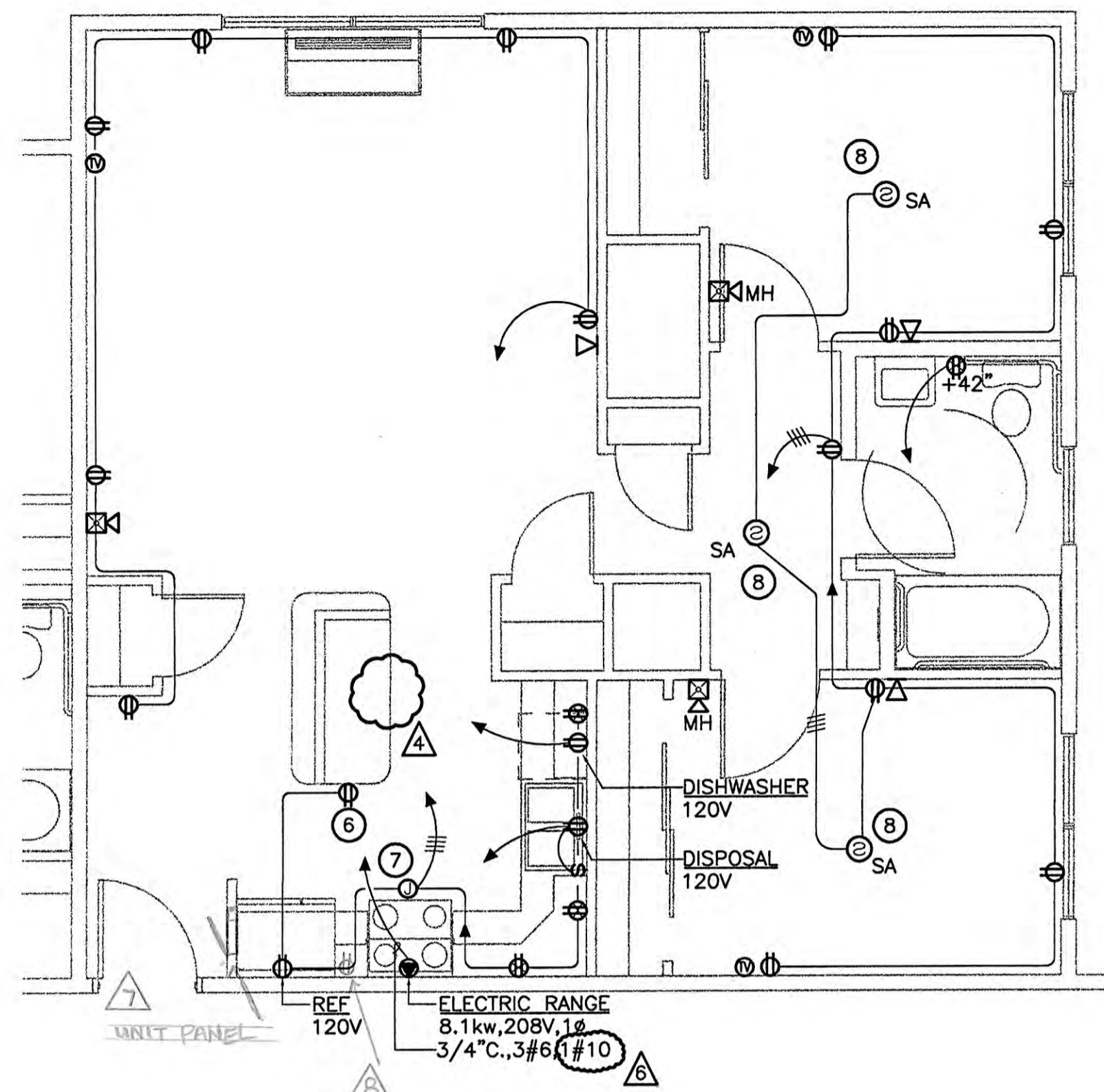
JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPI,TCA

THIRD FLOOR POWER PLAN EAST WING

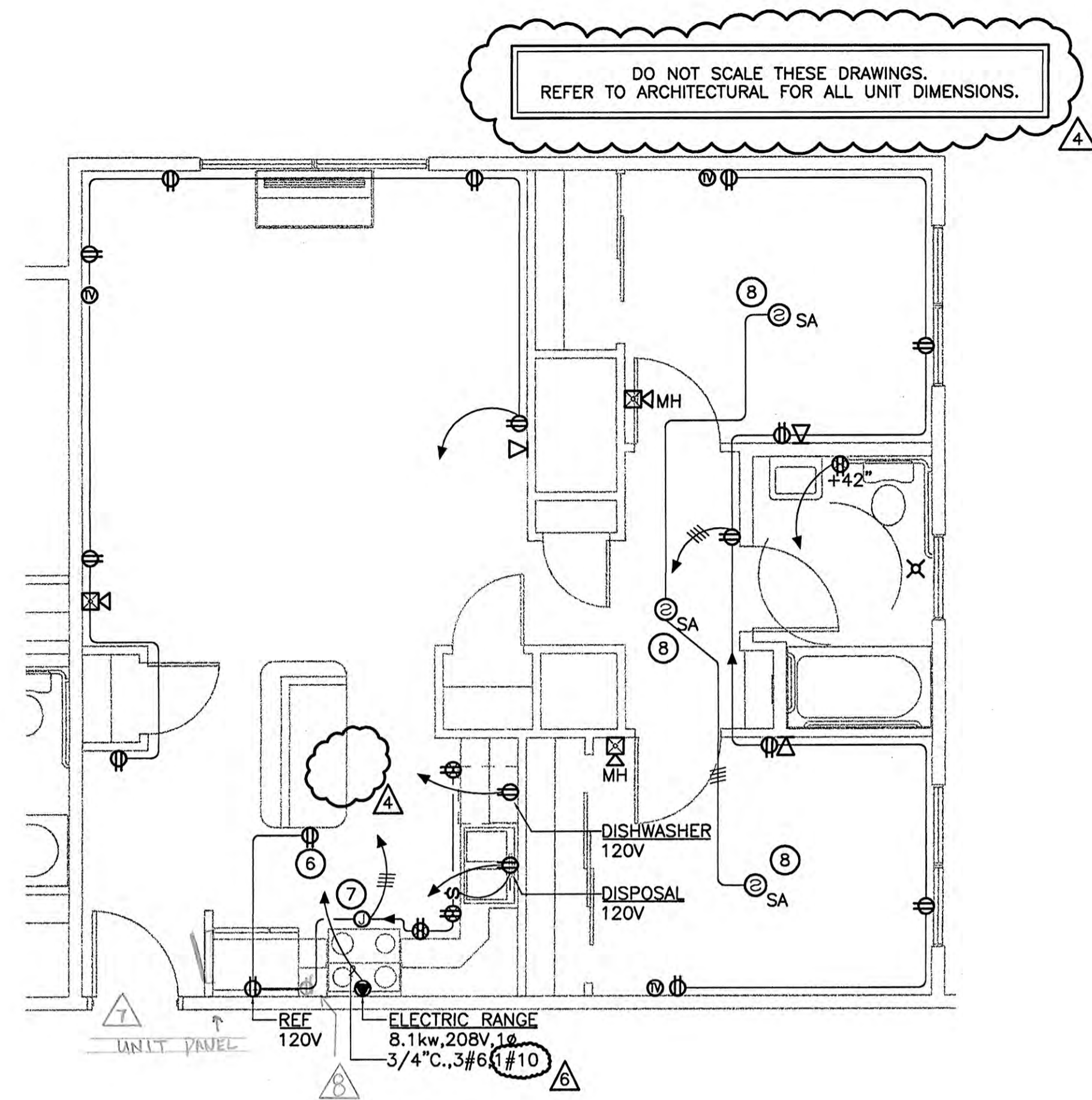
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E3.6



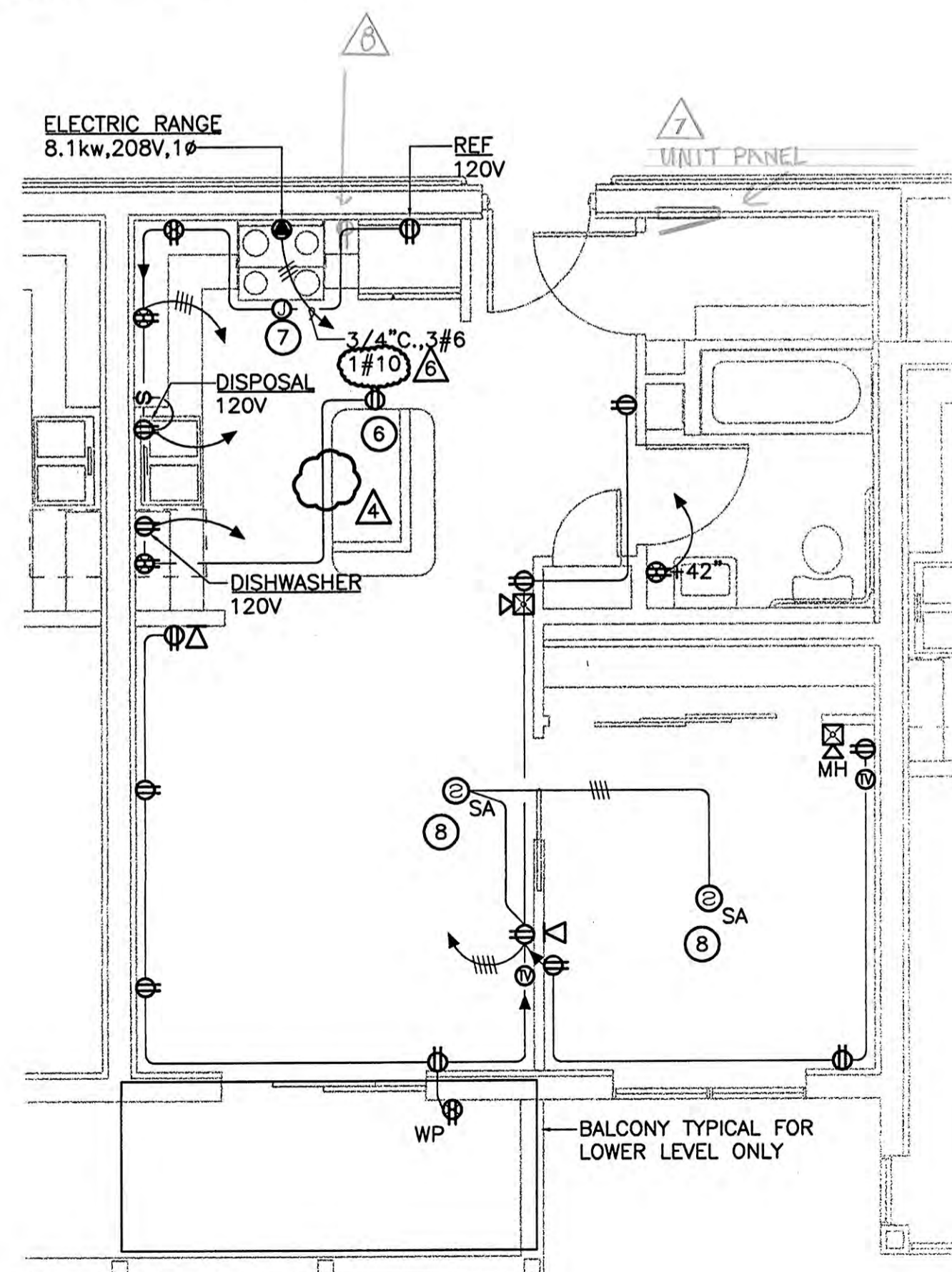
1 POWER PLAN - TWO BEDROOM UNIT WEST WING
E3.7 SCALE: 1/4" = 1'-0"



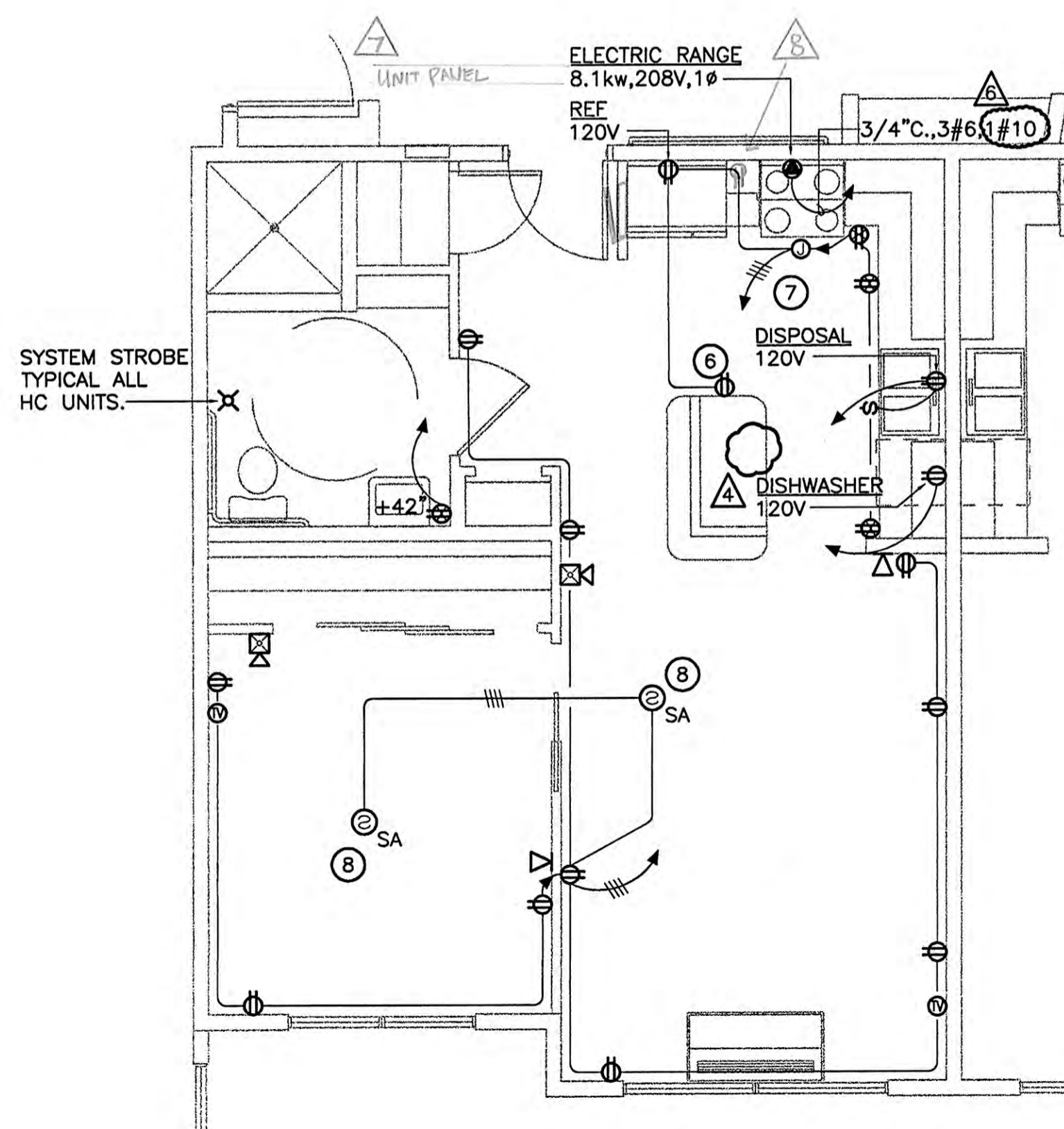
3 POWER PLAN - TWO BEDROOM UNIT EAST WING
E3.7 SCALE: 1/4" = 1'-0"



5 POWER PLAN - TWO BEDROOM ACCESSIBLE UNIT
E3.7 SCALE: 1/4" = 1'-0"



2 POWER PLAN - ONE BEDROOM UNIT
E3.7 SCALE: 1/4" = 1'-0"



4 POWER PLAN - ONE BEDROOM ACCESSIBLE UNIT
E3.7 SCALE: 1/4" = 1'-0"

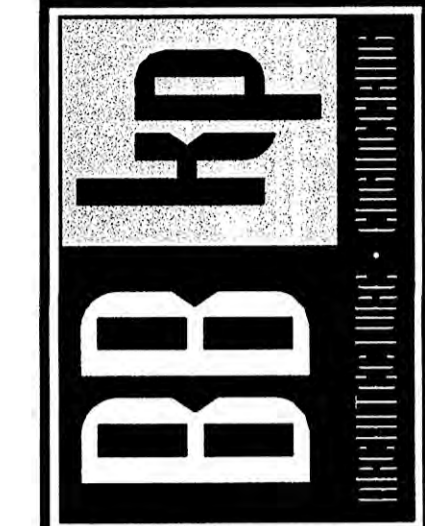
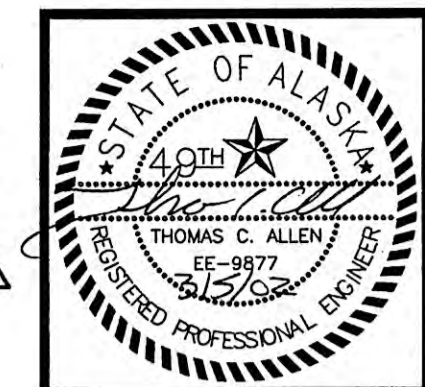
GENERAL NOTES

1. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT FOR KITCHEN EQUIPMENT, ETC. PRIOR TO ROUGH-IN.
2. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
3. UNLESS OTHERWISE NOTED, MOUNT DUPLEX RECEPTACLE OUTLET 4" ABOVE THE COUNTERS OR BACKSPLASH.
4. SEE E3.0 THRU E3.6 FOR CIRCUIT NUMBERS.

SHEET NOTES

- (6) LOCATE DUPLEX RECEPTACLE OUTLET +10" BELOW THE COUNTER TOP.
- (7) JUNCTION BOX FOR CONNECTION TO RANGE HOOD'S FAN AND LIGHT.
- (8) PROVIDE AND INSTALL STAND-ALONE 120V PHOTOELECTRIC SMOKE DETECTOR WITH AUDIO/VISUAL AND 9VDC BATTERY BACK-UP. GENTEX #7139GS OR EQUAL. CONNECT STAND-ALONE 120V PHOTOELECTRIC SMOKE DETECTORS IN TANDEM SO THAT WHEN ANY OF THE BEDROOM UNIT SENSE SMOKE ALL BEDROOM UNITS SOUND AN ALARM. TYPICAL.

RECORD DRAWING



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ANCHORAGE, ALASKA

REVISIONS

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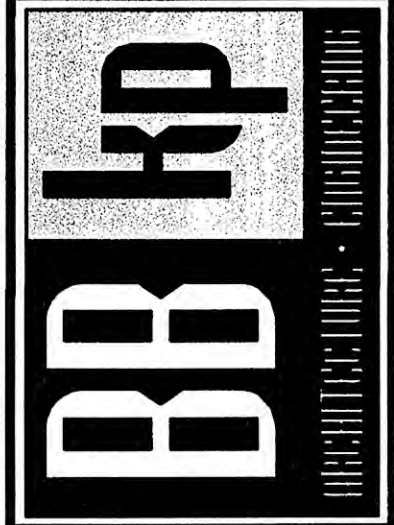
CONFORMED DRWGS
FEB. 27, 2002
DC/NR CO-66
DC/NR CO-71

JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT, TCA

POWER PLAN
TYPICAL UNITS

SHEET NO.
E3.7

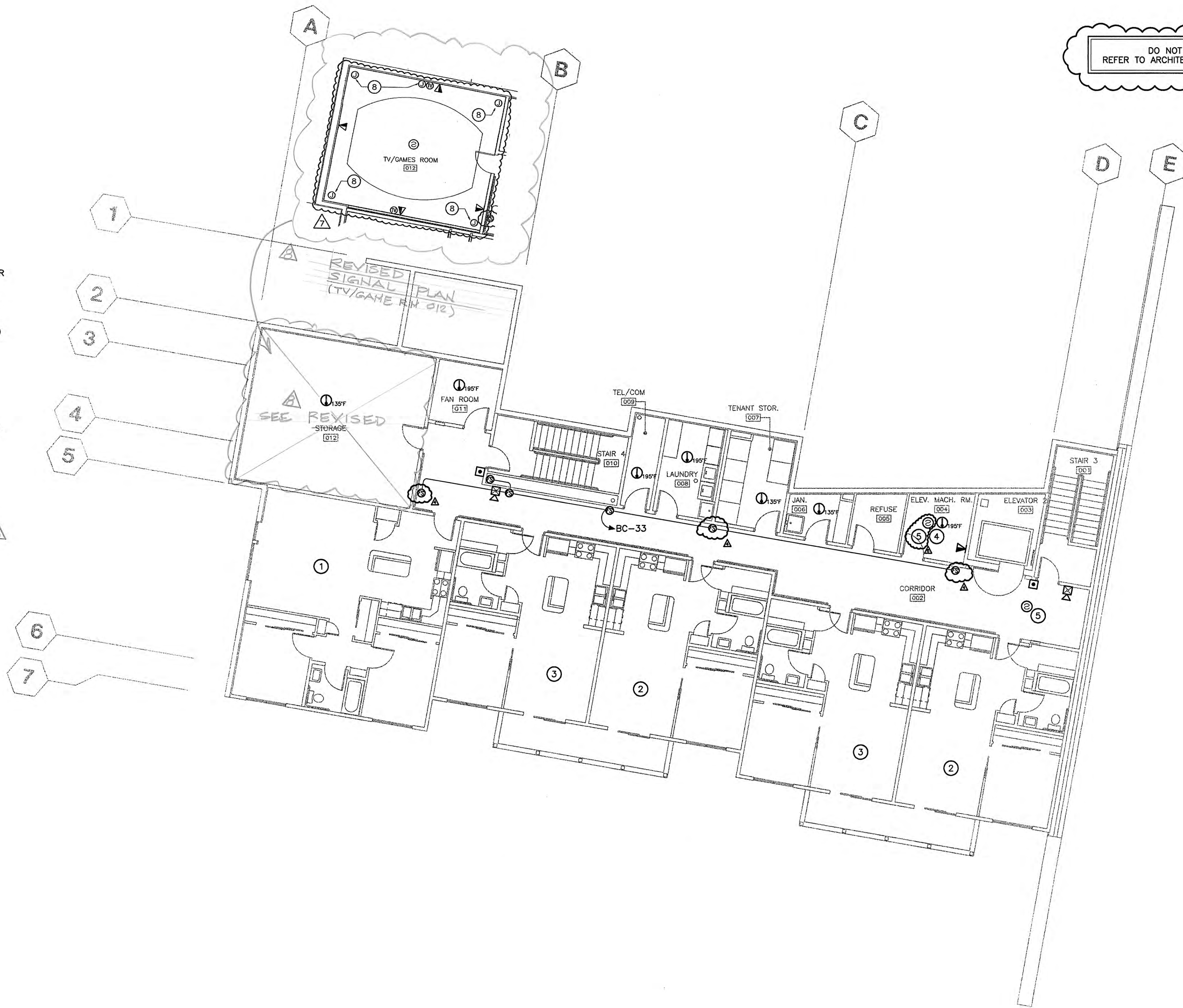
DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

SHEET NOTES

- ① TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ PROVIDE HEAT DETECTOR WITH TWO SETS OF CONTACTS. CONNECT ONE SET OF CONTACTS TO THE FIRE ALARM SYSTEM AND THE OTHER SET OF CONTACTS TO ACTIVATE THE SHUNT TRIP ON THE ELEVATOR FEEDER CIRCUIT BREAKER AND TO OPEN THE SOLENOID VALVE(S) ON THE SPRINKLER LINE(S) SERVING THE ELEVATOR SHAFT AND MACHINE ROOM IN ACCORDANCE WITH RULE 102.2(c)(4) OF ASME A17.1-1996.
- ⑤ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3b.
- ⑥ COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
- ⑦ FIELD COORDINATE WITH ELEVATOR EQUIPMENT MANUFACTURER FOR LOCATION PRIOR TO ROUGH-IN.
- ⑧ PROVIDE JUNCTION BOX WITH 1/2" CONDUIT (AND PULL STRING) FROM CEILING BOX TO JUNCTION BOX NEXT TO CABLE TV LOCATION FOR FUTURE SURROUND SOUND CONNECTIONS. COORDINATE WITH ARCHITECT FOR EXACT LOCATIONS AND HEIGHTS PRIOR TO ROUGH-IN.



1 LOWER LEVEL SIGNAL PLAN - WEST WING
E4.0 SCALE: 1/8" = 1'-0"

RECORD DRAWING KEY PLAN

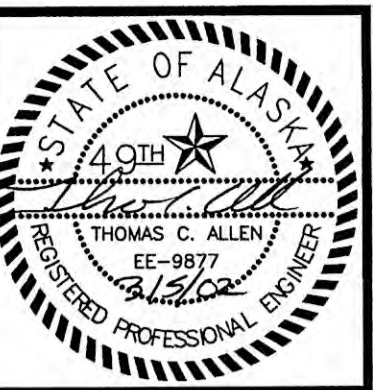
REVISIONS	ADDENDUM #4
4	OCT. 15, 2001
ADDENDUM #6	NOV. 01, 2001
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CONFORMED DRWGS	FEB. 27, 2002
ADDENDUM #7	NOV. 05, 2002
7	
DC/VR A-031	11-20-02

JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT,TCA

LOWER LEVEL SIGNAL PLAN WEST WING

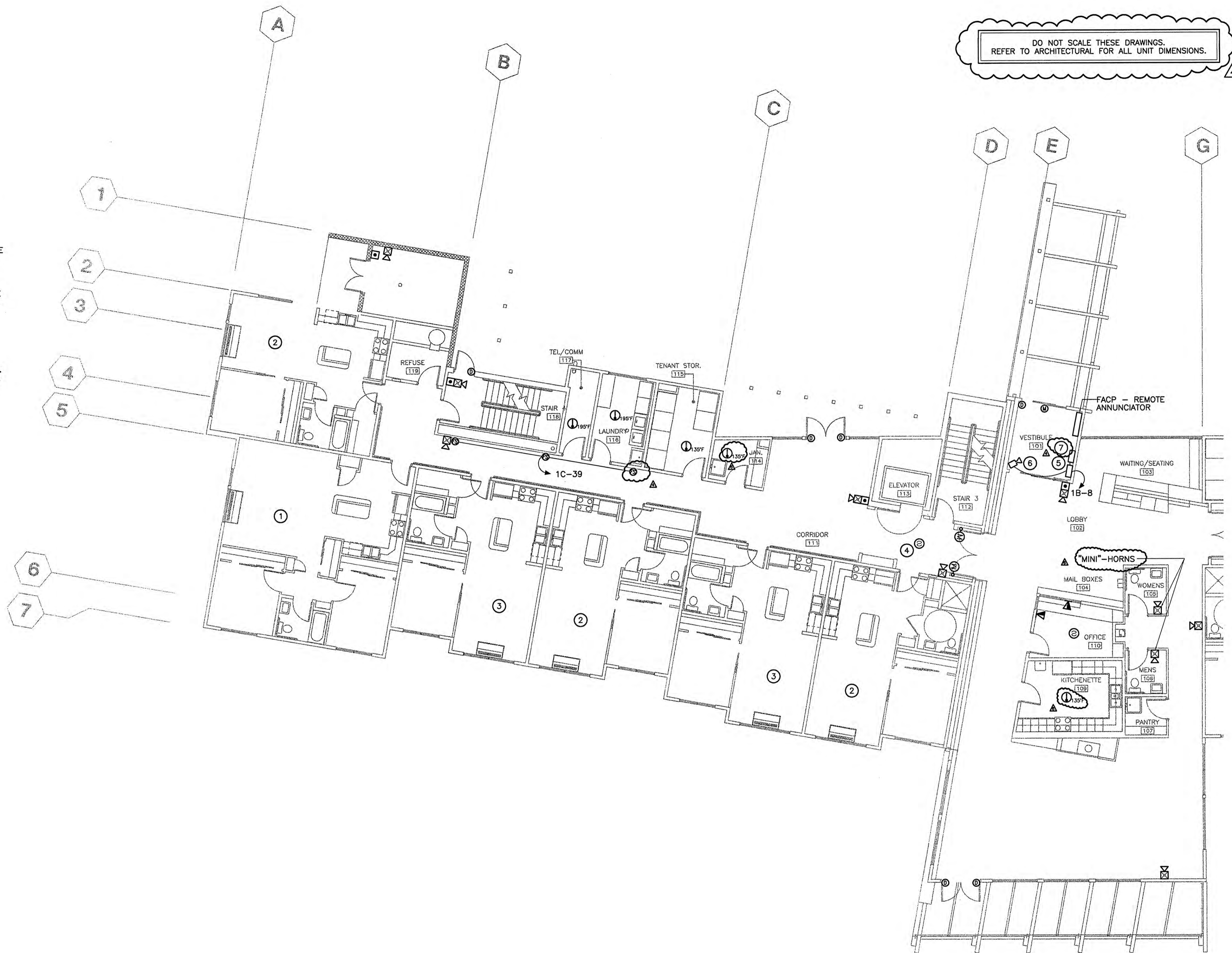
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DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.

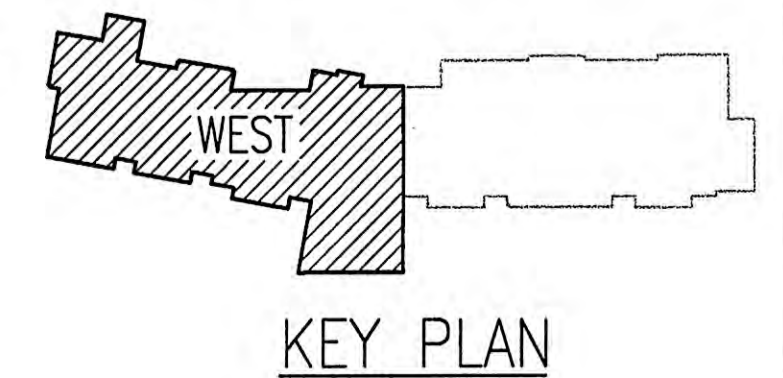


SHEET NOTES

- ① TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3b.
- ⑤ CARD READER. REFERENCE SCHEMATIC ON E5.1 AND SPECIFICATIONS.
- ⑥ CAMERA FOR TENANT VIEWING OF VISITORS/ENTRANTS. CAMERA SHALL BE MOUNTED IN THE CORNER OF THE ENTRY VESTIBULE. THIS CAMERA SHALL BE CAPABLE OF BEING VIEWED BY EVERY TENANT IN THE FACILITY BY TURNING TO A PREDETERMINED CHANNEL ON THEIR TELEVISION. REFERENCE CATV SCHEMATIC ON E5.1 AND SPECIFICATIONS. THE TENANT SHALL THEN BE CAPABLE OF OPENING THE FRONT ENTRY DOOR FOR VISITOR ENTRY. PROVIDE ALL APPURTENANCES AS NECESSARY FOR A COMPLETE SYSTEM.
- ⑦ ENTRY SYSTEM DAIL-UP FOR CONTACT OF RESIDENCE FOR VISITOR ENTRY. PROVIDE AND INSTALL A VISITOR DIAL-UP AND ENTRY SYSTEM. PROVIDE A SELECT ENGINEERED SYSTEM #SH-100 OR APPROVED EQUAL ENTRY SYSTEM. PROVIDE REQUIRED CONNECTIONS TO TELEPHONE SYSTEM AND ACCESS SYSTEM.
8. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.



1 FIRST FLOOR SIGNAL PLAN - WEST WING
E4.1 SCALE: 1/8" = 1'-0"



**COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA**

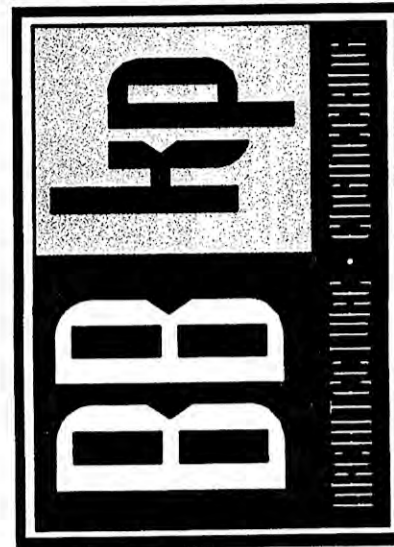
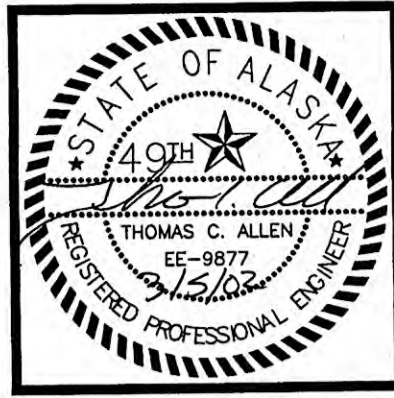
REVISIONS
④ ADDENDUM #4
OCT. 15, 2001
⑥ ADDENDUM #6
NOV. 01, 2001
CONFORMED DRWGS
FEB. 27, 2002

JOB NO. 2001.007.0
DATE 07/06/01
DRAWN AMH
REVIEWED XPT,TCA

FIRST FLOOR
SIGNAL PLAN
WEST WING

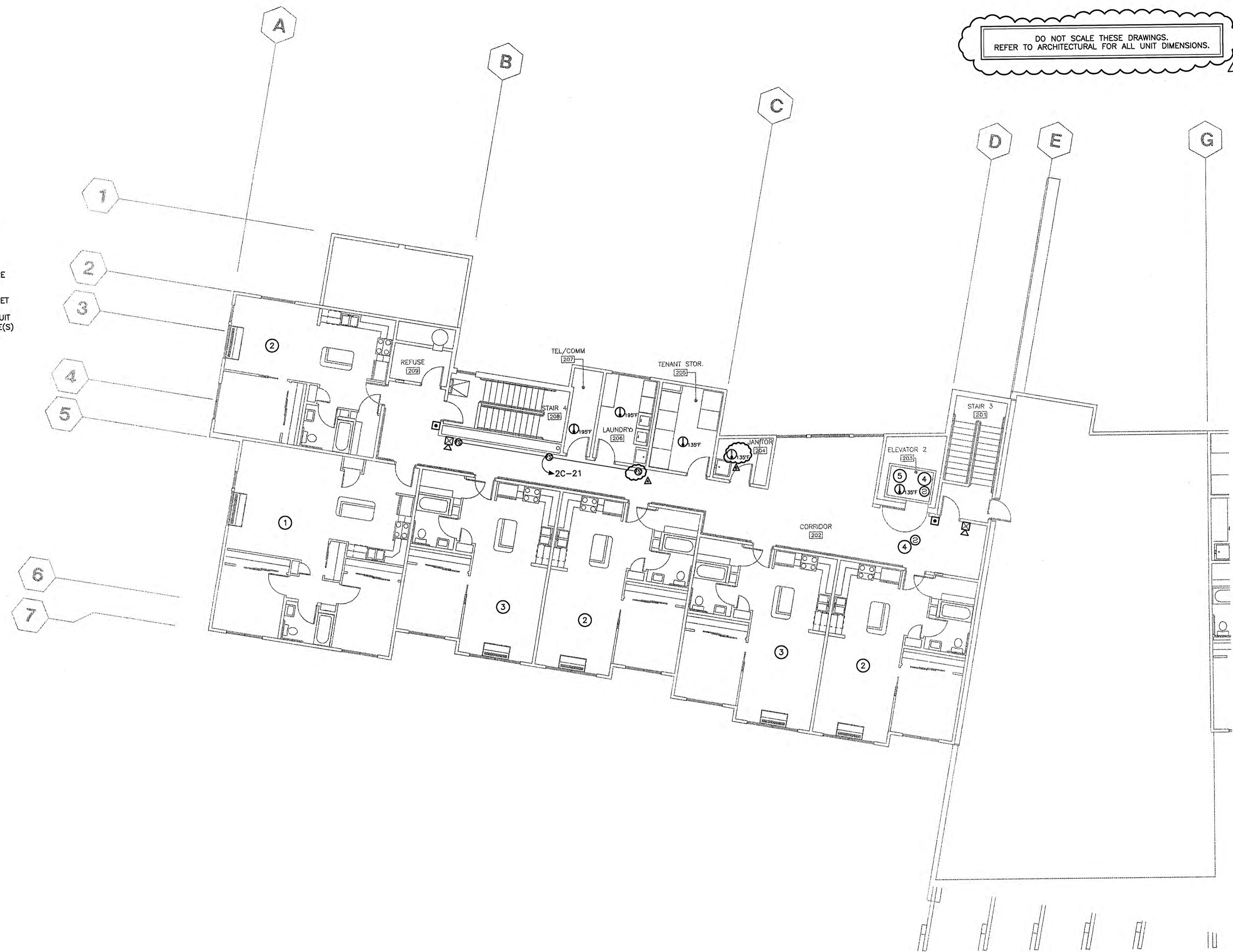
SHEET NO.
E4.1

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



SHEET NOTES

- ① TYPICAL TWO BEDROOM UNIT WEST WING. SEE 1/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3b.
- ⑤ PROVIDE HEAT DETECTOR WITH TWO SETS OF CONTACTS. CONNECT ONE SET OF CONTACTS TO THE FIRE ALARM SYSTEM AND THE OTHER SET OF CONTACTS TO ACTIVATE THE SHUNT TRIP ON THE ELEVATOR FEEDER CIRCUIT BREAKER AND TO OPEN THE SOLENOID VALVE(S) ON THE SPRINKLER LINE(S) SERVING THE ELEVATOR SHAFT AND MACHINE ROOM IN ACCORDANCE WITH RULE 102.2(c)(4) OF ASME A17.1-1996.
6. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.



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④	ADDENDUM #4	OCT. 15, 2001
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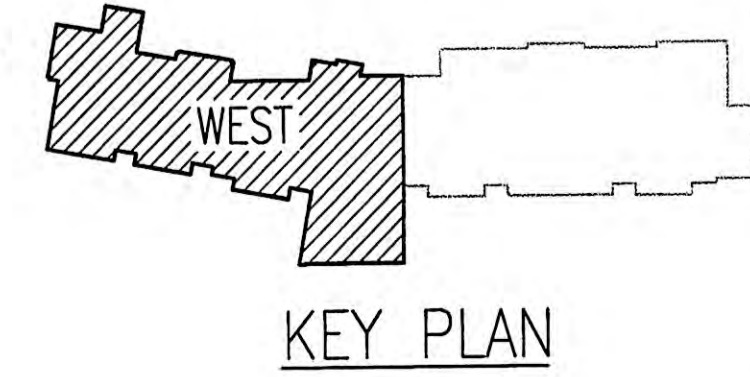
CONFORMED DRWGS
FEB. 27, 2002

JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT, TCA

**SECOND FLOOR
SIGNAL PLAN
WEST WING**

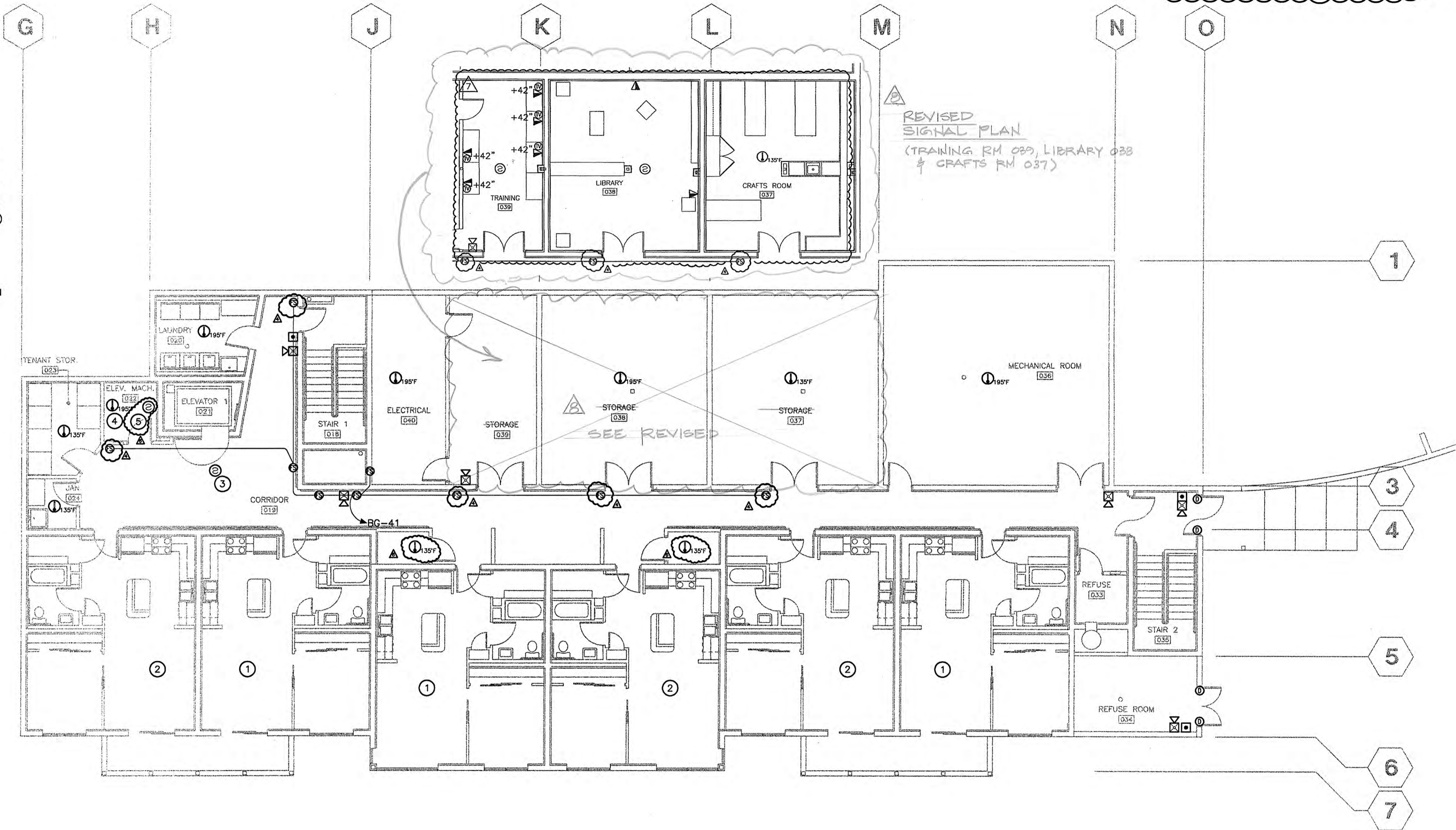
SHEET NO.
E4.2

1 SECOND FLOOR SIGNAL PLAN - WEST WING
E4.2 SCALE: 1/8" = 1'-0"

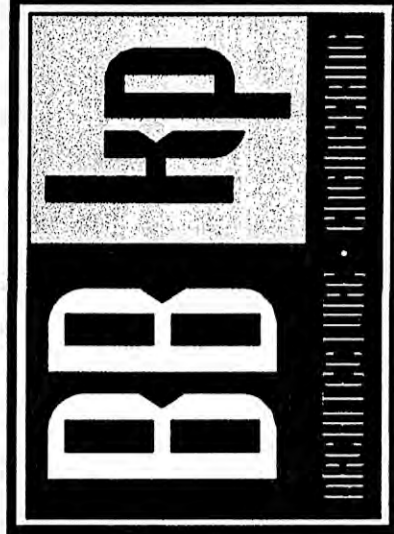
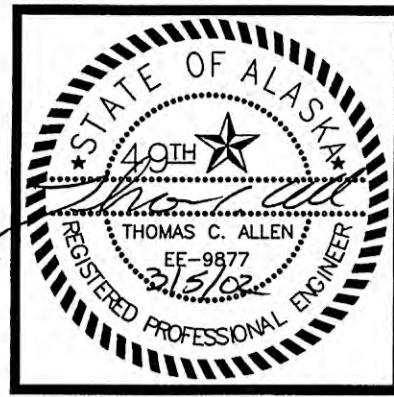


SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3b.
- ④ PROVIDE HEAT DETECTOR WITH TWO SETS OF CONTACTS. CONNECT ONE SET OF CONTACTS TO THE FIRE ALARM SYSTEM AND THE OTHER SET OF CONTACTS TO ACTIVATE THE SHUNT TRIP ON THE ELEVATOR FEEDER CIRCUIT BREAKER AND TO OPEN THE SOLENOID VALVE(S) ON THE SPRINKLER LINE(S) SERVING THE ELEVATOR SHAFT AND MACHINE ROOM IN ACCORDANCE WITH RULE 102.2(c)(4) OF ASME A17.1-1996.
5. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.
6. FIELD COORDINATE WITH ELEVATOR EQUIPMENT MANUFACTURER FOR LOCATION PRIOR TO ROUGH-IN.



DO NOT SCALE THESE DRAWINGS.
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ANCHORAGE, ALASKA

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④	ADDENDUM #4 OCT. 15, 2001
⑥	ADDENDUM #6 NOV. 01, 2001
	CONFORMED DRWGS FEB. 27, 2002
⑦	ADDENDUM #7 NOV. 05, 2002
⑧	DRIVER A-031 11-20-02

JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT, TCA

LOWER LEVEL SIGNAL PLAN EAST WING

SHEET NO.
E4.3

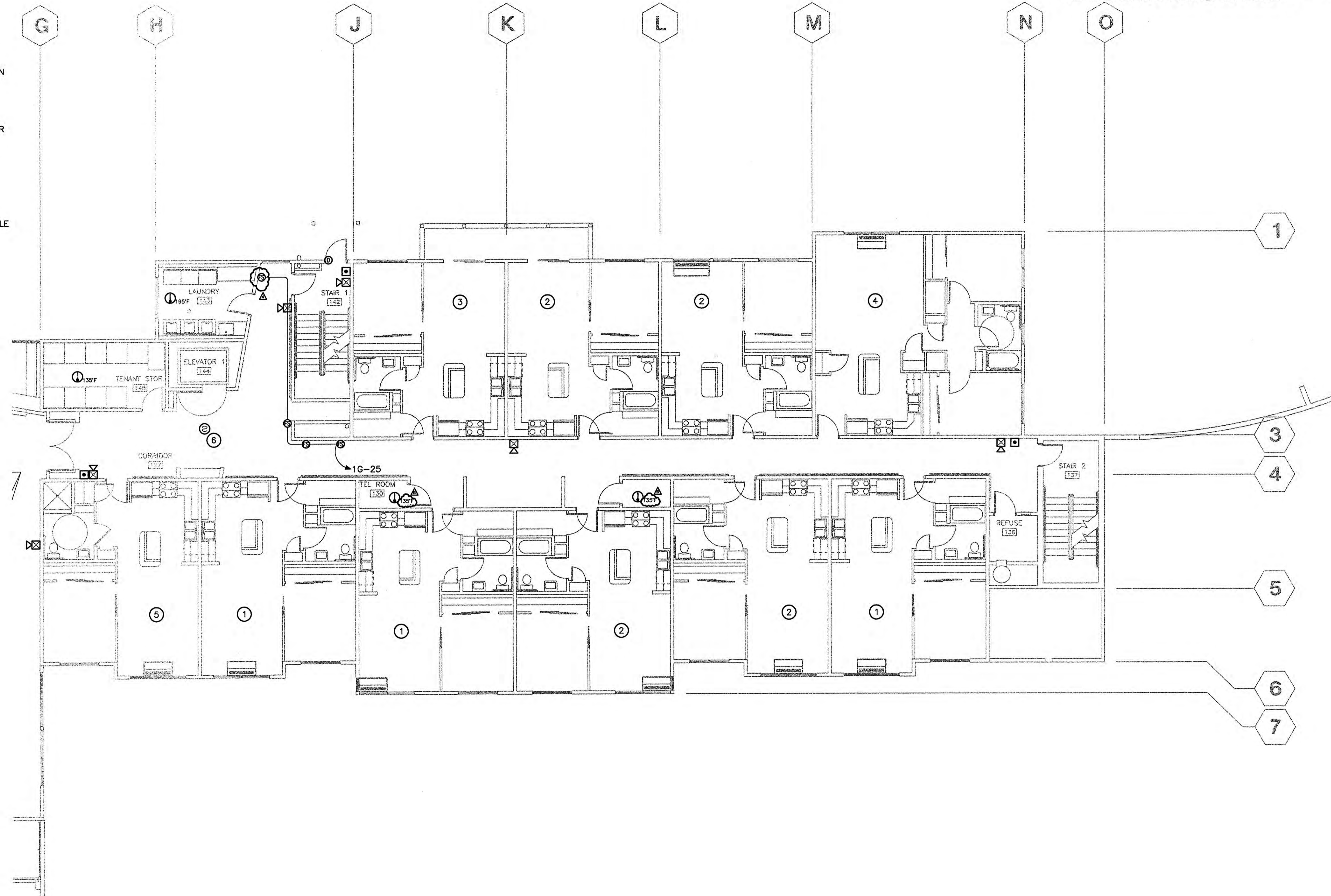
1 LOWER LEVEL SIGNAL PLAN - EAST WING
E4.3 SCALE: 1/8" = 1'-0"

RECORD DRAWING KEY PLAN

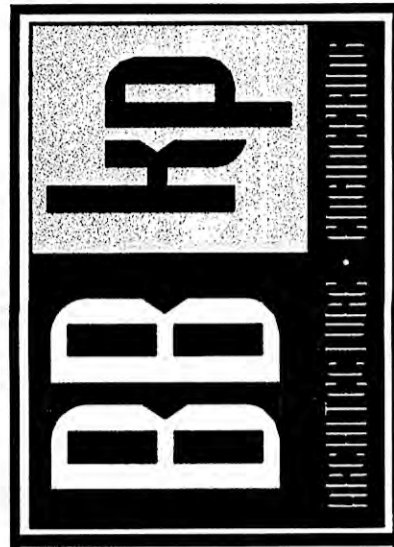
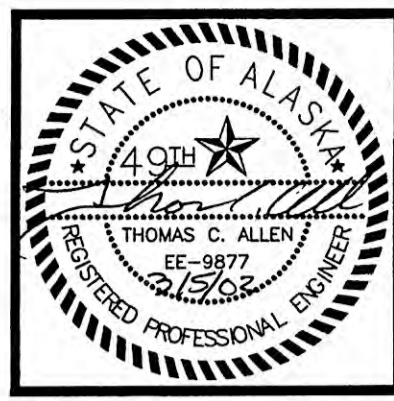
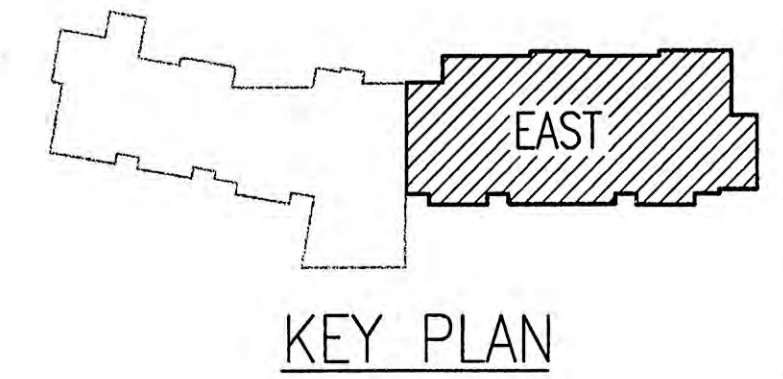
SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ TWO BEDROOM ACCESSIBLE UNIT. SEE 5/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ⑤ ONE BEDROOM ACCESSIBLE UNIT. SEE 4/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ⑥ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3b.
- 7. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



1 FIRST FLOOR SIGNAL PLAN - EAST WING
E4.4 SCALE: 1/8" = 1'-0"



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

REVISIONS

④	ADDENDUM #4	OCT. 15, 2001
⑥	ADDENDUM #6	NOV. 01, 2001

CONFORMED DRWGS
FEB. 27, 2002

JOB NO.	2001.007.0
DATE	07/06/01
DRAWN	AMH
REVIEWED	XPT,TCA

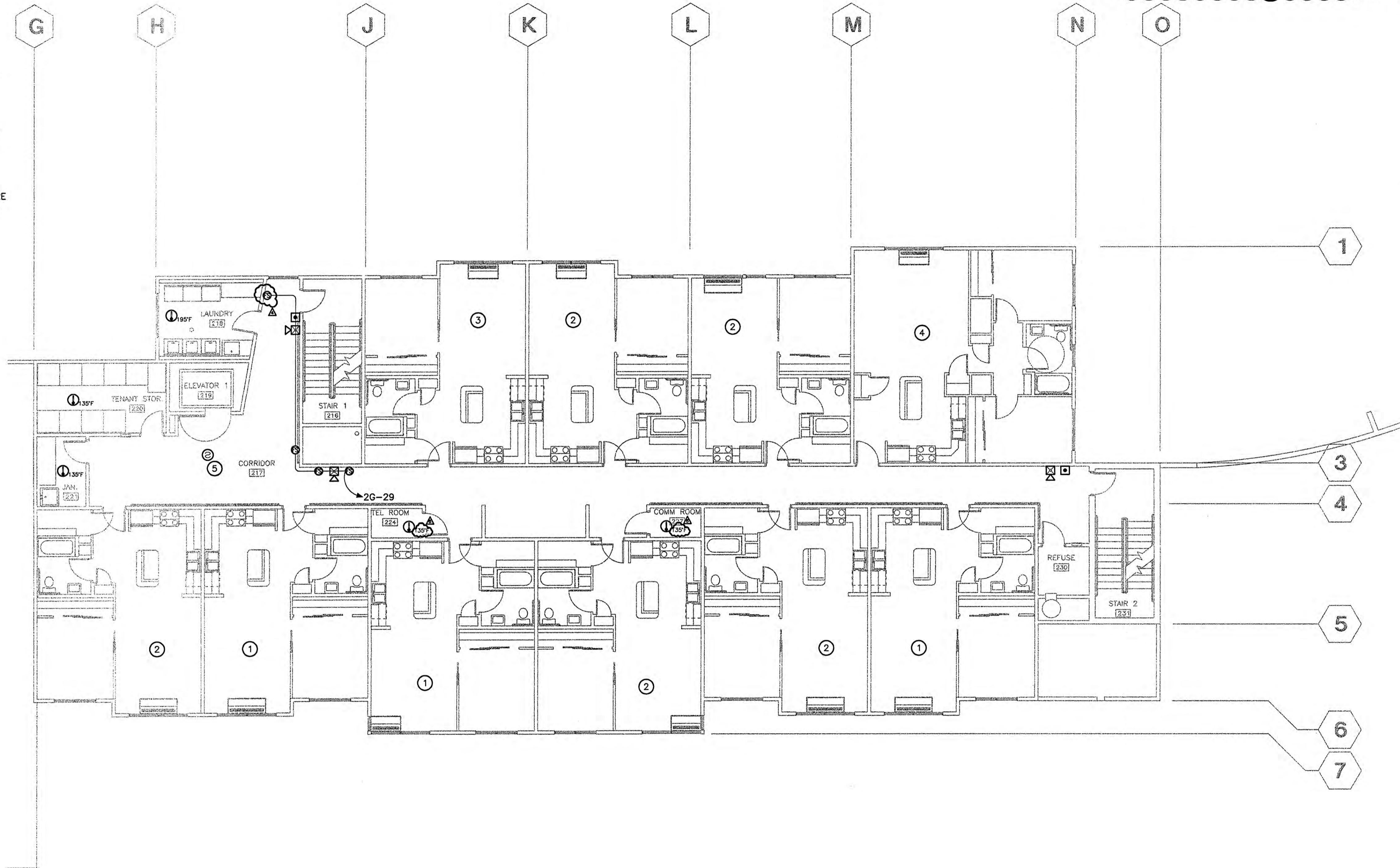
FIRST FLOOR SIGNAL PLAN EAST WING

SHEET NO.
E4.4

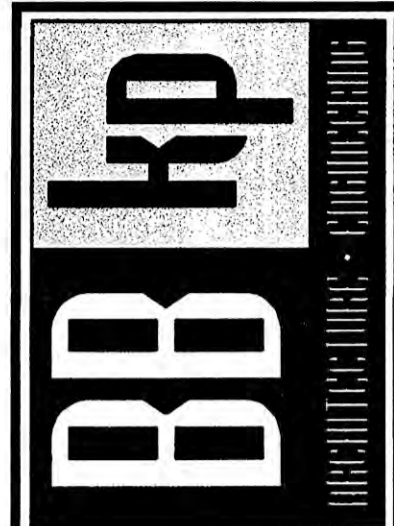
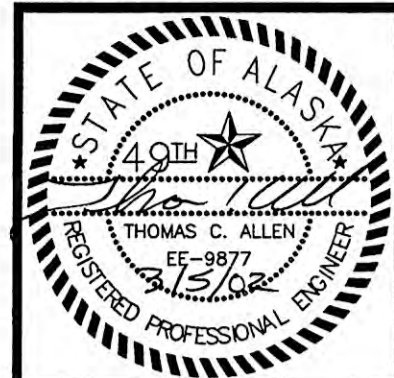
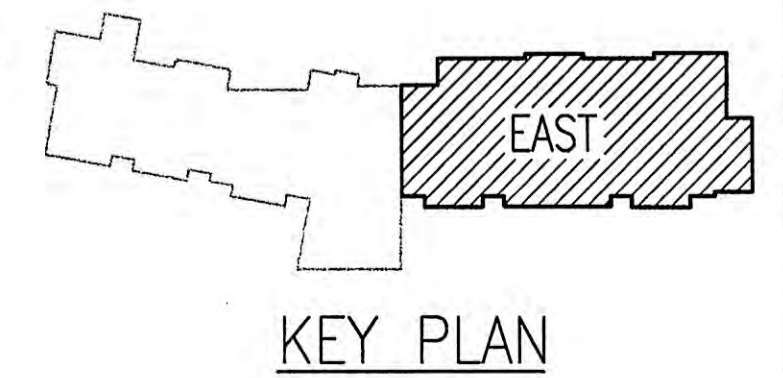
SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ TYPICAL TWO BEDROOM UNIT EAST WING. SEE 3/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ⑤ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3.b.
6. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



1 SECOND FLOOR SIGNAL PLAN - EAST WING
E4.5 SCALE: 1/8" = 1'-0"



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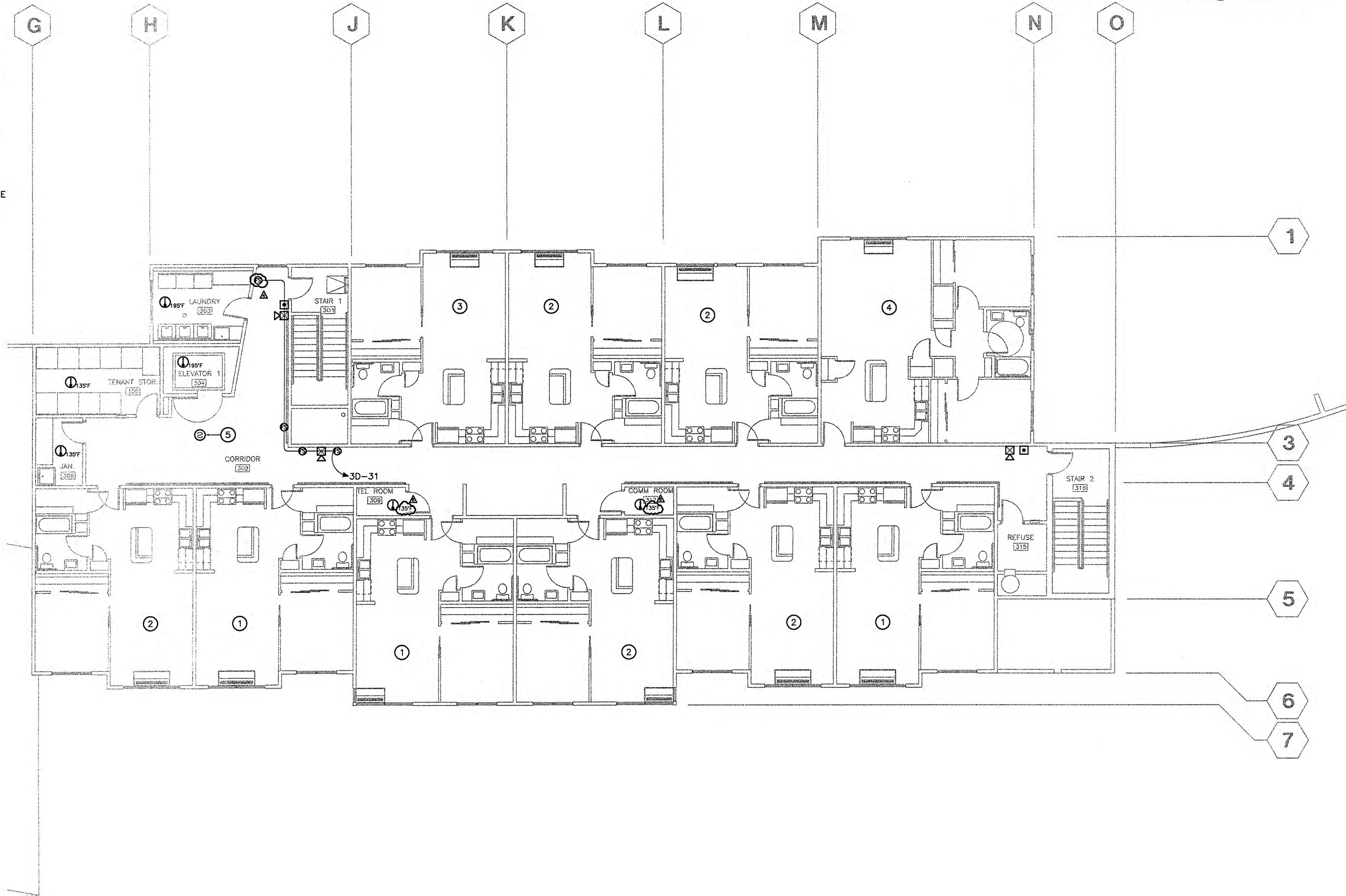
SECOND FLOOR SIGNAL PLAN EAST WING

SHEET NO.
E4.5

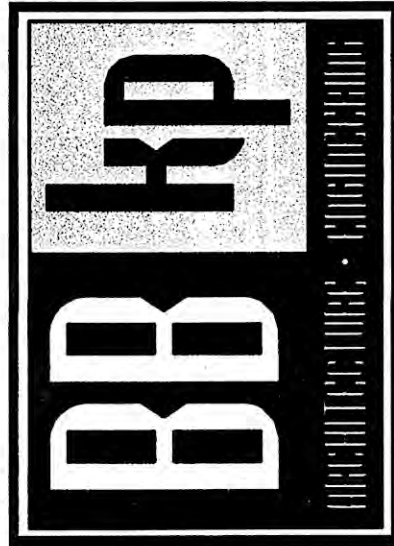
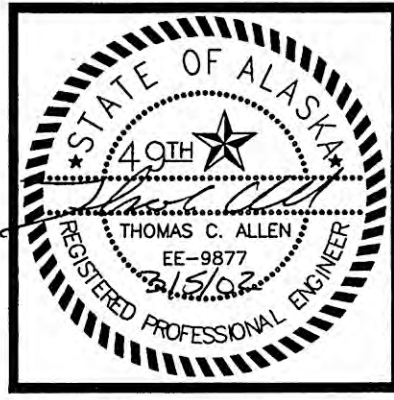
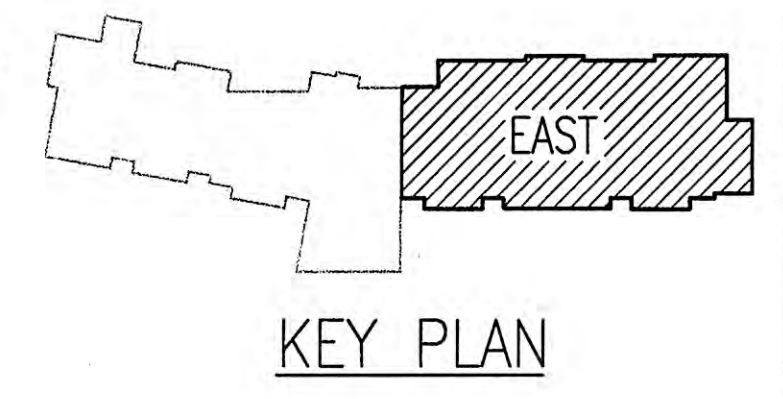
SHEET NOTES

- ① TYPICAL ONE BEDROOM UNIT. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ② TYPICAL ONE BEDROOM UNIT MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ③ TYPICAL ONE BEDROOM UNIT FLIPPED AND MIRRORED. SEE 2/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ④ TYPICAL TWO BEDROOM UNIT EAST WING. SEE 3/E3.7 FOR ENLARGED POWER PLAN THIS AREA.
- ⑤ CONNECT DETECTORS IN SHAFT, LOBBIES AND MACHINE ROOM TO CAPTURE AND RETURN ELEVATOR IN ACCORDANCE WITH ASME A17.1 RULE 211.3.b.
6. COORDINATE WITH MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATIONS PRIOR TO ROUGH-IN.

DO NOT SCALE THESE DRAWINGS.
REFER TO ARCHITECTURAL FOR ALL UNIT DIMENSIONS.



1 THIRD FLOOR SIGNAL PLAN - EAST WING
E4.6 SCALE: 1/8" = 1'-0"



COOK INLET HOUSING AUTHORITY
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REVISIONS

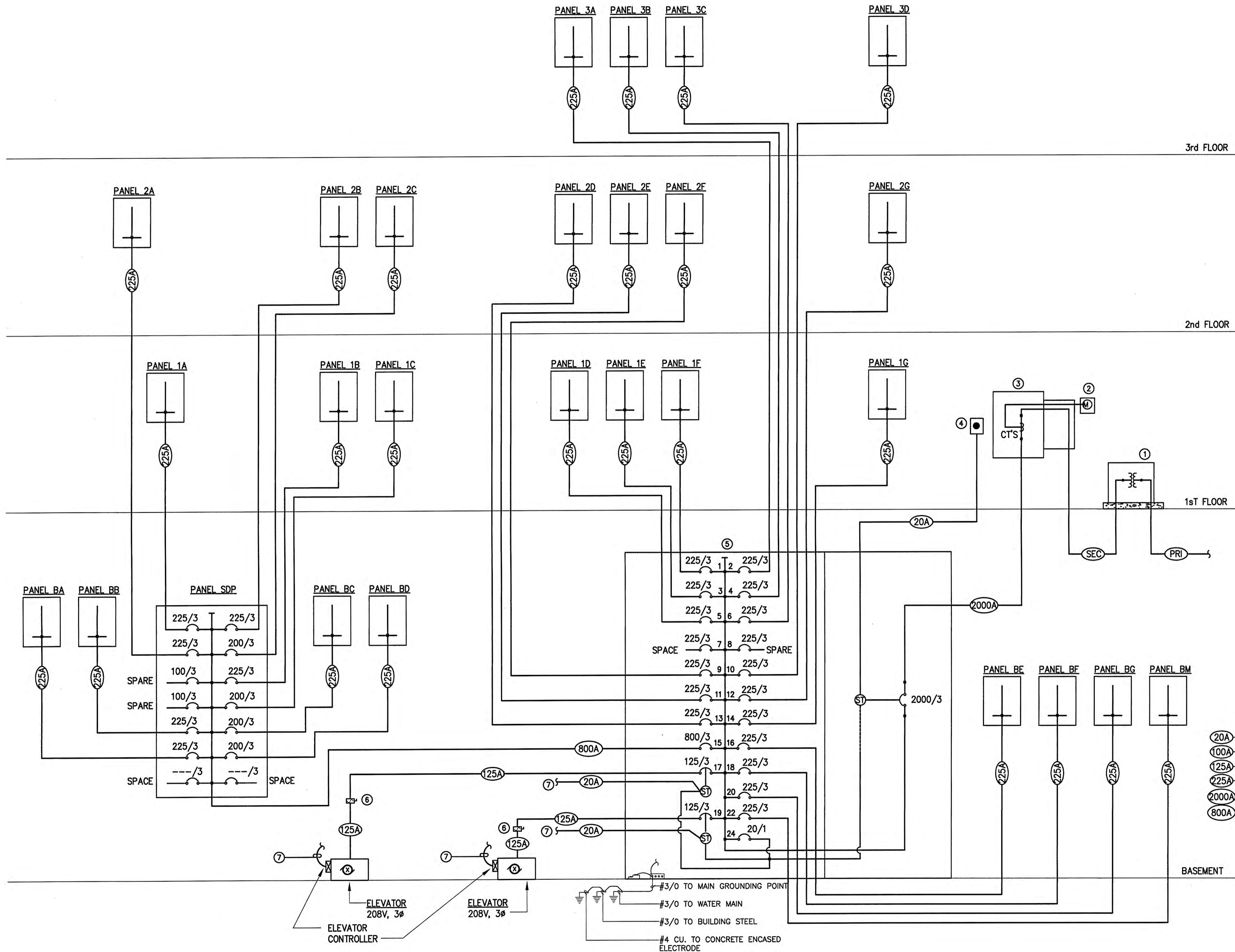
ADDENDUM #4	OCT. 15, 2001
ADDENDUM #6	NOV. 01, 2001

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**THIRD FLOOR
SIGNAL PLAN
EAST WING**

SHEET NO.
E4.6

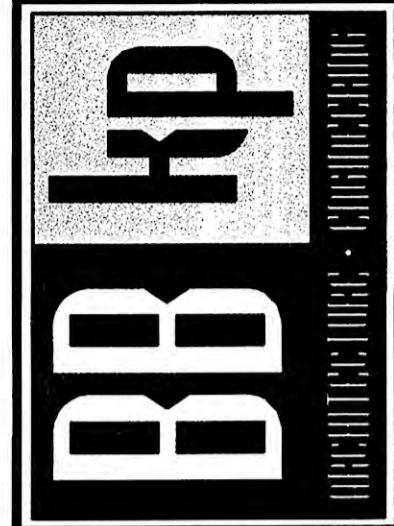
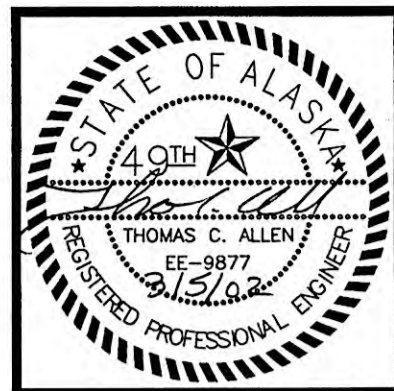


SHEET NOTES

- ① PAD MOUNTED TRANSFORMER BY CEA.
- ② 2000A METERBASE PER CEA STANDARDS.
- ③ 2000A CT ENCLOSURE PER CEA STANDARDS.
- ④ SHUNT TRIP IN WP LOCKABLE ENCLOSURE.
- ⑤ 2000A, 208V, 4W, 3 ϕ MDP. PROVIDE WITH THREE 225A THREE POLE SPARES AND PROVISIONS FOR THREE 100A THREE POLE SPACES. (NOT ALL SHOWN ON RISER).
- ⑥ FUSED DISCONNECT FOR ELEVATOR, COORDINATE EXACT SIZE AND REQUIREMENTS WITH ELEVATOR SUPPLIER.
- ⑦ EMERGENCY CONTROLS AND CONNECTIONS, COORDINATE EXACT CONNECTIONS AND REQUIREMENTS WITH ELEVATOR SUPPLIER.

FEEDER SCHEDULE

- ②0A — 1/2" C, 3#12, 1#12 GND
- ①00A — 1 1/2" C, 4#2, 1#8 GND
- ①25A — 2" C, 4#1, 1#6 GND
- ②25A — 2 1/2" C, 4#4/0, 1#4 GND
- ②000A — 5 PARALLEL RUNS OF 4" C, 4#600KCMIL, 1#4/0 GND
- ⑧00A — 2 PARALLEL RUNS OF 4" C, 4#600KCMIL, 1#1/0 GND



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 Tel: (907) 552-1012 Fax: (907) 552-1013

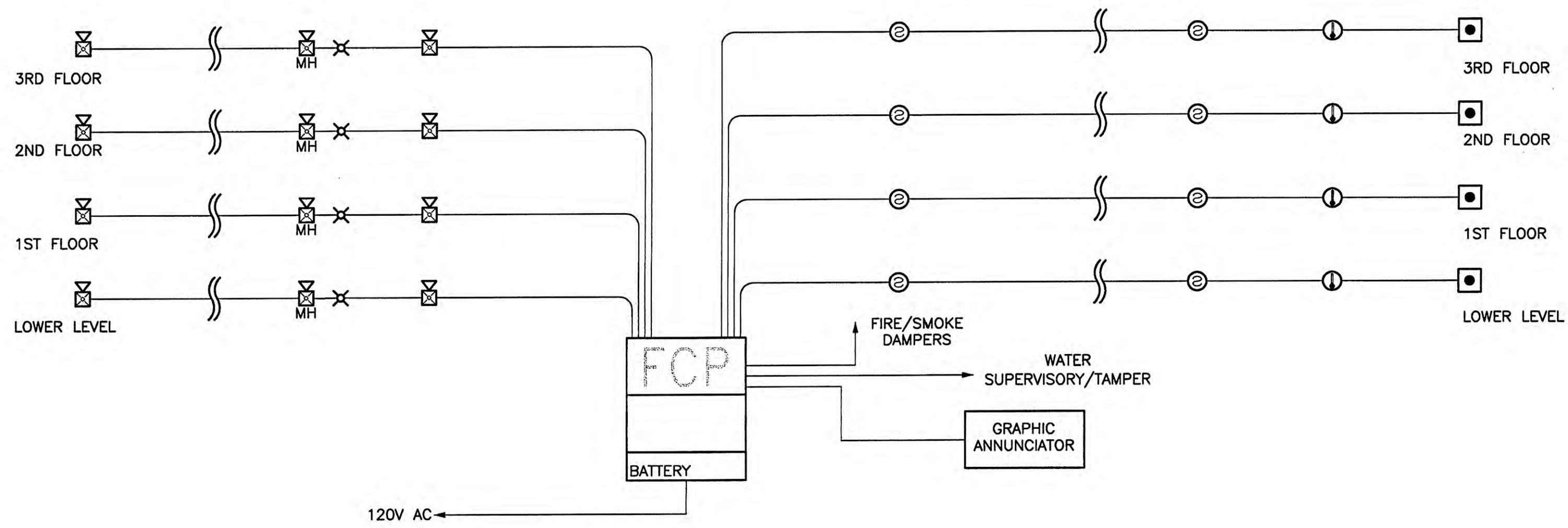
COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
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 DRAWN AMH
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ELECTRICAL SINGLE LINE DIAGRAM

SHEET NO.
E5.0

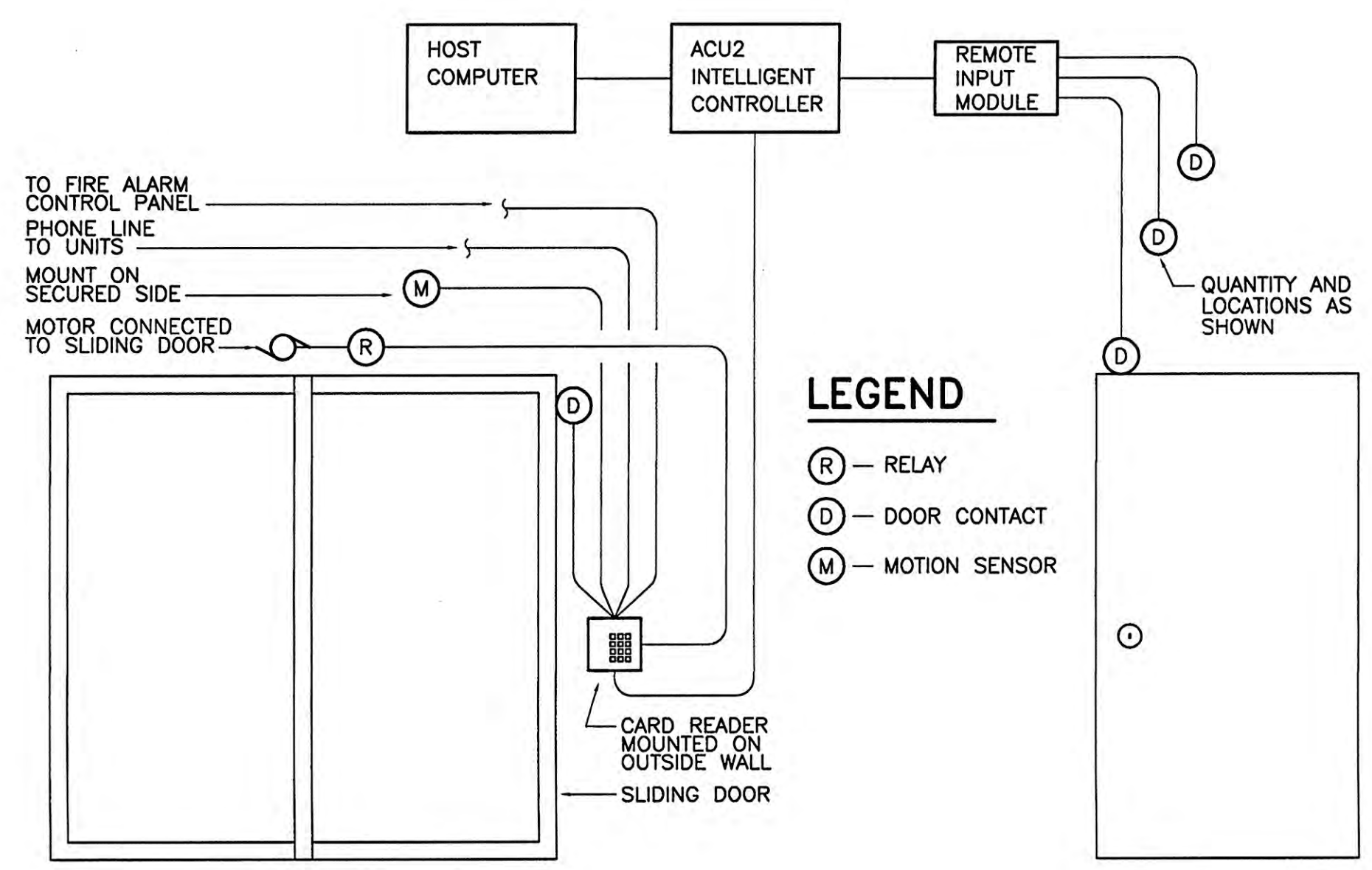


NOTE: FIRE ALARM RISER DIAGRAM AS SHOWN IS DIAGRAMMATIC AND DOES NOT SHOW ALL OF THE REQUIRED CONNECTIONS AND DEVICES. FIRE ALARM SYSTEM SHALL BE PROVIDED IN CONFORMANCE WITH THE REQUIREMENTS OF THE 2000 IBC AND SHALL ALSO HAVE CONNECTIONS FOR THE FOLLOWING ITEMS:

- 1) CONNECTION TO THE SHUNT TRIP ON THE ELEVATOR FEEDER CIRCUIT TO SHUT DOWN THE ELEVATOR POWER PRIOR TO ACTIVATION OF THE SPRINKLER HEADS IN ACCORDANCE WITH ASME 102.2 (C)(4).
- 2) CONNECTION TO SPRINKLER ALARM VALVE/SPRINKLER FLOW SWITCH. VERIFY LOCATION AND QUANTITY WITH SPRINKLER DESIGN.
- 3) CONNECTIONS TO ELEVATOR CONTROL AND THE ELEVATOR RECALL SYSTEM.
- 4) EXTERIOR BELL/HORN.
- 5) PROVIDE FIRE ALARM SYSTEM TELEPHONE CONNECTION TO ALLOW AUTOMATIC REPORTING OF SPRINKLER FLOW ALARMS AS REQUIRED BY NFPA 13.

PROVIDE ALL NECESSARY AUXILIARY CONTACT, CONNECTIONS, ETC. TO PROVIDE A COMPLETE SYSTEM, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

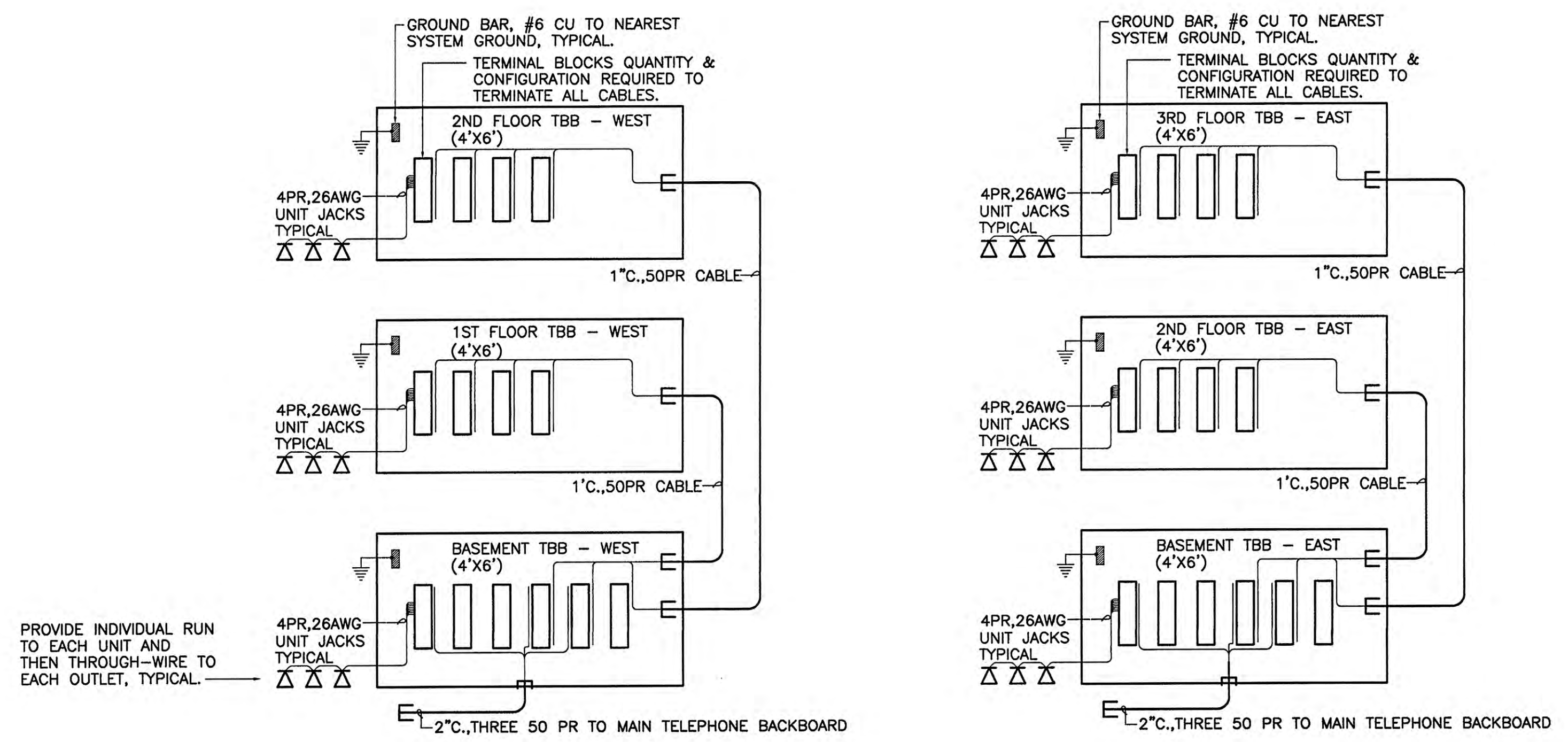
1 SCHEMATIC FIRE ALARM RISER DIAGRAM
E5.1 SCALE: NTS



LEGEND

- (R) - RELAY
- (D) - DOOR CONTACT
- (M) - MOTION SENSOR

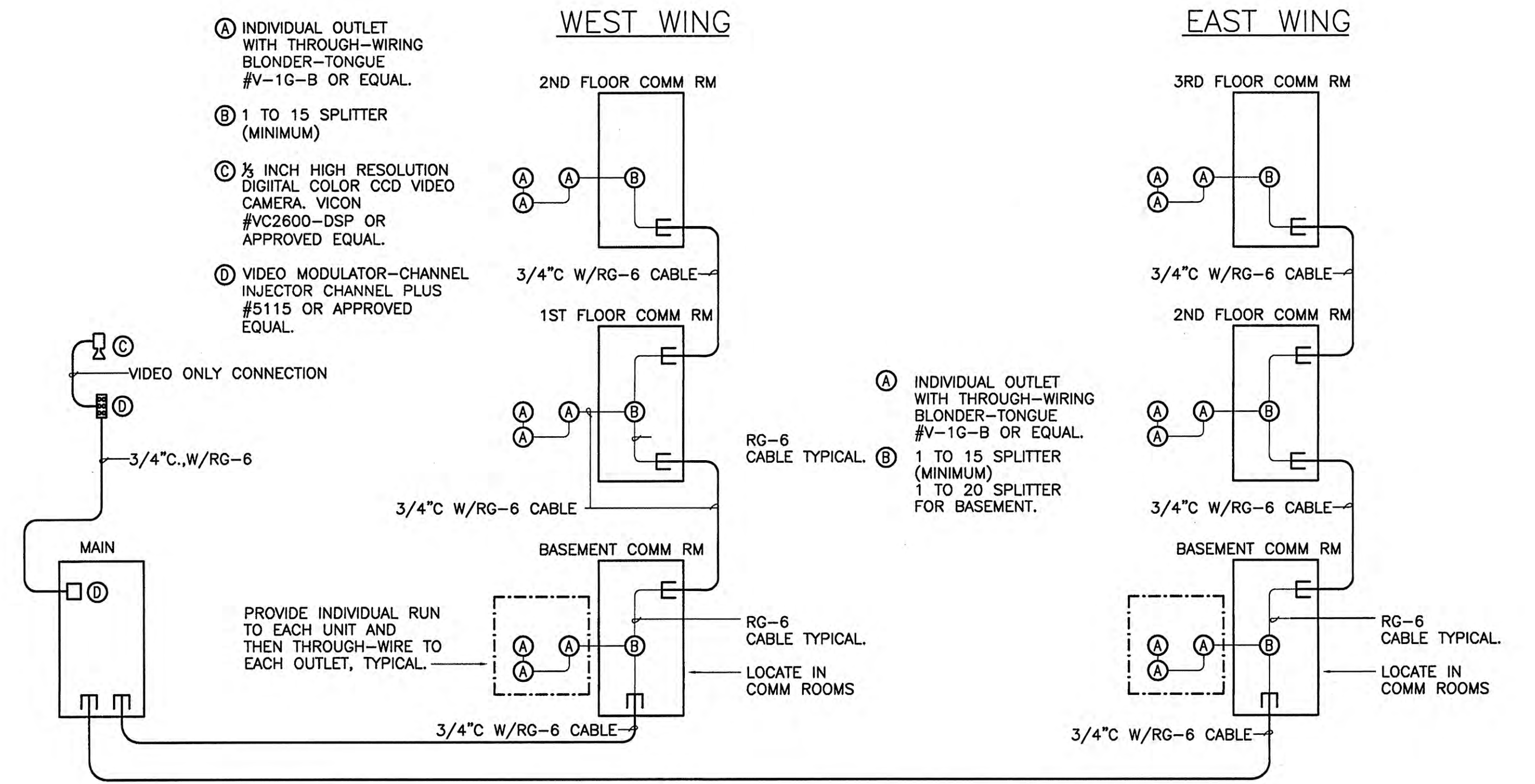
3 TYPICAL SECURITY ACCESS CONTROL SYSTEM DIAGRAM
E5.1 SCALE: NTS



2 TELEPHONE SYSTEM SCHEMATIC
E5.1 SCALE: NTS

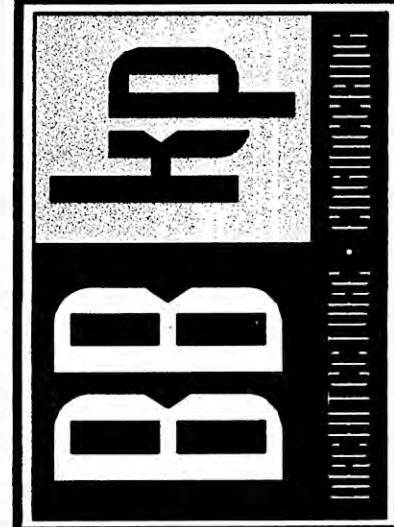
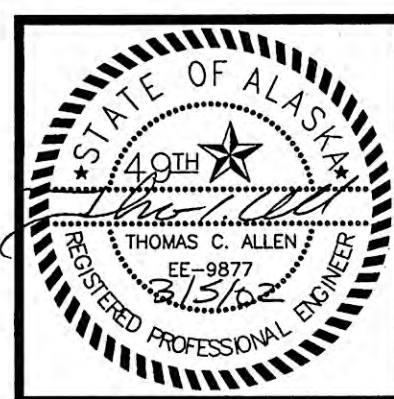
SIGNAL NOTE:

AT THE CONTRACTORS DISCRETION A CABLE TRAY MAY BE USED FOR ROUTING AND CABLING OF ALL SIGNAL WIRING IN LEUI OF A CONDUIT SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CABLE TRAY ROUTING AND PROVIDING ADEQUATE ACCESS AT ALL LOCATIONS. ALL WIRING/CABLING SHALL ENTER A CONDUIT SYSTEM IMMEDIATELY UPON EXIT OF THE CABLE TRAY. IF CABLE TRAY IS NOT USED ALL SIGNAL WIRING/CABLING SHALL BE INSTALLED IN CONDUIT.



NOTE: NOT ALL DEVICES ARE SHOWN, SEE SPECIFICATIONS FOR ADDITIONAL COMPONENTS THAT MAY BE REQUIRED.

4 CABLE TELEVISION SCHEMATIC DIAGRAM
E5.1 SCALE: NTS



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
ANCHORAGE, ALASKA

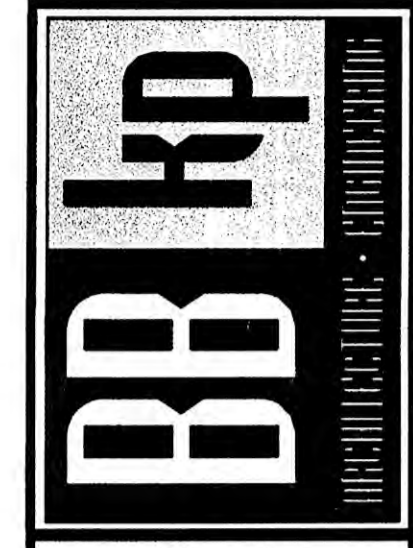
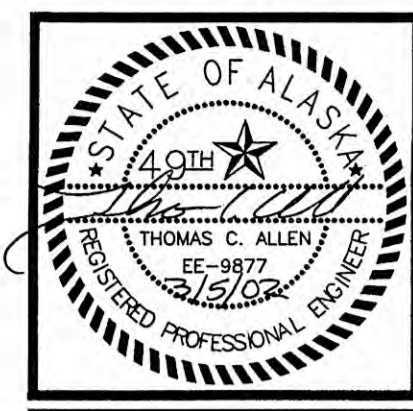
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ADDENDUM #4
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DRAWN TCA
REVIEWED TCA

FIRE ALARM AND CATV RISER DIAGRAMS

SHEET NO.
E5.1



COOK INLET HOUSING AUTHORITY
53 ELDERLY HOUSING UNITS
 ANCHORAGE, ALASKA

PANEL BA SCHEDULE											
120/208V, 3PH, 4W 225A MLO											
CKT	AMP	POLE	LOAD DESCRIPTION	PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT	
1	20	1	LIGHTING RANGE	1880	1840		LIGHTING RANGE	1	20	2	
3	50	2			4050	4050		2	50	4	
5	2	2			4050	4050		2	50	6	
7	20	1	REC-KITCHEN	1500	1500		REC-KITCHEN	1	20	8	
9	20	1	REC-KITCHEN		1500	1500	REC-KITCHEN	1	20	9	
11	20	1	REC-DISPOSAL			1200	REC-DISPOSAL	1	20	12	
13	20	1	REC-DISHWASHER	1200	1200		REC-DISHWASHER	1	20	14	
15	20	1	REC-BATH		180	180	REC-BATH	1	20	16	
17	20	1	REC-LIVING ROOM			900	REC-LIVING ROOM	1	20	18	
19	20	1	REC-BEDROOM	720	900		REC-BEDROOM	1	20	20	
21	20	1	REC-BEDROOM		720	440	LTO-BSMINT BATH NL	1	20	22	
23	20	1	LIGHTING RANGE	4050	4050		LIGHTING RANGE	1	20	24	
25	50	2			4050	4050		2	50	26	
27	2	2			4050	4050		2	28	28	
29	20	1	REC-KITCHEN			1500	REC-KITCHEN	1	20	30	
31	20	1	REC-KITCHEN	1500	1500		REC-KITCHEN	1	20	32	
33	20	1	REC-DISPOSAL		1200	1200	REC-DISPOSAL	1	20	34	
35	20	1	REC-DISHWASHER			1200	REC-DISHWASHER	1	20	36	
37	20	1	REC-BATH	180	180		REC-BATH	1	20	38	
39	20	1	REC-LIVING ROOM			1080	REC-LIVING ROOM	1	20	40	
41	20	1	REC-BEDROOM			900	REC-BEDROOM	1	20	42	
CONNECTED LOAD (VA)				22200	25280	23360		70840 VA			
CONNECTED LOAD (AMPERES)				185	211	195		197 A			
DEMAND LOAD (VA)				11100	11100	11100		33300 VA			
DEMAND LOAD (AMPERES)				93	93	93		92 A			
AMPERE INTERRUPT RATING								22,000 AIC			

PANEL BB SCHEDULE											
120/208V, 3PH, 4W 225A MLO											
CKT	AMP	POLE	LOAD DESCRIPTION	PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT	
1	20	1	LIGHTING RANGE	1840			SPARE	1	20	2	
3	50	2			4050	360	TTB	1	20	4	
5	2	2			4050		TTB	1	20	6	
7	20	1	REC-KITCHEN	1500			SPARE	1	20	8	
9	20	1	REC-KITCHEN		1500		SPARE	1	20	10	
11	20	1	REC-DISPOSAL			1200	SPARE	1	20	12	
13	20	1	REC-DISHWASHER	1200			SPARE	1	20	14	
15	20	1	REC-BATH		180		SPARE	1	20	16	
17	20	1	REC-LIVING ROOM			1080	SPARE	1	20	18	
19	20	1	REC-BEDROOM	900			SPARE	1	20	20	
21	20	1	SPARE				SPARE	1	20	22	
23	20	1	SPARE				SPACE	1	20	24	
25	20	1	SPARE				SPACE	1	20	26	
27	20	1	SPARE				SPACE	1	20	28	
29	20	1	SPARE				SPACE	1	20	30	
31	20	1	SPARE				SPACE	1	20	32	
33	20	1	SPARE				SPACE	1	20	34	
35	20	1	SPARE				SPACE	1	20	36	
37	20	1	SPARE				SPACE	1	20	38	
39	20	1	SPARE				SPACE	1	20	40	
41	20	1	SPARE				SPACE	1	20	42	
CONNECTED LOAD (VA)				5440	6090	6330		17860 VA			
CONNECTED LOAD (AMPERES)				45	51	53		50 A			
DEMAND LOAD (VA)				4490	4490	4490		13470 VA			
DEMAND LOAD (AMPERES)				37	37	37		37 A			
AMPERE INTERRUPT RATING								22,000 AIC			

PANEL BC SCHEDULE											
120/208V, 3PH, 4W 225A MLO											
CKT	AMP	POLE	LOAD DESCRIPTION	PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT	
1	30	1	DRYER	2500	630		LTG-CORRIDOR	1	20	2	
3	50	2			2500	1805	LTG-CORRIDOR	1	20	4	
5	30	2	DRYER	2500	1405		LTG-STOR/LAUNDRY ROOMS	1	20	6	
7	20	1	WASHER		1500	1405	LTG-PARKING LOT	1	20	8	
9	20	1	WASHER			1500	800	HEAT TRACE	1	20	10
11	20	1	REC-LTG - ELEV PIT	330			SPARE	1	20	12	
13	20	1	REC-SUMP PUMP		885		LTG-REC	1	20	14	
15	20	1	ELEV CONTROL PANEL			1200	310	SPARE	1	20	16
17	20	1	REC-CORRIDOR, SMALL RMS	720			SPARE	1	20	18	
19	20	1	REC-CORRIDOR, SMALL RMS		900		SPARE	1	20	20	
21	20	1	REC-CORRIDOR, SMALL RMS			900	SPARE	1	20	22	
23	20	1	REC-STORAGE			900	SPARE	1	20	24	
25	20	1	REC-FAN ROOM	540			SPACE	1	20	26	
27	20	1	EF-2		200		SPACE	1	20	28	
29	20	1	EF-3			1180	SPACE	1	20	30	
31	20	1	CUH-1, CUH-2	200			SPACE	1	20	32	
33	20	1	SPARE				SPACE	1	20	34	
35	20	1	FIRE SMOKE DAMPER			300	SPACE	1	20	36	
37	20	1	SPACE				SPACE	1	20	38	
39	20	1	SPACE				SPACE	1	20	40	
41	20	1	SPACE				SPACE	1	20	42	
CONNECTED LOAD (VA)				8825	9175	9790		27790 VA			
CONNECTED LOAD (AMPERES)				74	76	82		77 A			
DEMAND LOAD (VA)				9334	10028	10065		29426 VA			
DEMAND LOAD (AMPERES)				78	84	84		82 A			
AMPERE INTERRUPT RATING								22,000 AIC			

PANEL BD SCHEDULE											
120/208V, 3PH, 4W 225A MLO											
CKT	AMP	POLE	LOAD DESCRIPTION	PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT	
1	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	2	
3	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	4	
5	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	6	
7	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	8	
9	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	10	
11	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	12	
13	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	14	
15	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	16	
17	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	18	
19	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	20	
21	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	22	
23	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	24	
25	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	26	
27	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	28	
29	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	30	
31	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	32	
33	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	34	
35	20	1	REC-HEADBOLT HEATER		1500	1500	REC-HEADBOLT HEATER	1	20	36	
37	20	1	REC-HEADBOLT HEATER	1500	1500		REC-HEADBOLT HEATER	1	20	38	
39	20	1	SPARE				SPACE	1	20	40	
41	20	1	SPACE				SPACE	1	20	42	
CONNECTED LOAD (VA)				21000	18000	18000		57000 VA			
CONNECTED LOAD (AMPERES)				175	150	150		158 A			
DEMAND LOAD (VA)				21000	18000	18000		57000 VA			
DEMAND LOAD (AMPERES)				175	150	150		158 A			
AMPERE INTERRUPT RATING								22,000 AIC			

PANEL BE SCHEDULE											
120/208V, 3PH, 4W 225A MLO											
CKT	AMP	POLE	LOAD DESCRIPTION	PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT	
1	20	1	LIGHTING RANGE	1840	1640		LIGHTING RANGE	1	20	2	
3	50	2			4050	4050		2	50	4	
5	2	2			4050	4050		2	50	6	
7	20	1	REC-KITCHEN	1500	1500		REC-KITCHEN	1	20	8	
9	20	1	REC-KITCHEN		1500	1500	REC-KITCHEN	1	20	10	
11	20	1	REC-DISPOSAL			1200	REC-DISPOSAL	1	20	12	
13	20	1	REC-DISHWASHER	1200	1200		REC-DISHWASHER	1	20	14	
15	20	1	REC-BATH		180	180	REC-BATH	1	20	16	
17	20	1	REC-LIVING ROOM			1080	REC-LIVING ROOM	1	20	18	
19	20	1	REC-BEDROOM	900	900		REC-BEDROOM	1	20	20	
21	20	1	SPARE				SPACE	1	20	22	
23	20	1	LIGHTING RANGE	4050	4050		LIGHTING RANGE	1	20	24	
25	50	2			4050	4050		2	50	26	
27	2	2			4050	4050		2	28	28	
29	20	1	REC-KITCHEN			1500	REC-KITCHEN	1	20	30	
31	20	1	REC-KITCHEN	1500	1500		REC-KITCHEN	1	20	32	
33	20	1	REC-DISPOSAL		1200	1200	REC-DISPOSAL	1	20	34	
35	20	1	REC-DISHWASHER			1200	REC-DISHWASHER	1	20	36	
37	20	1	REC-BATH	180	180		REC-BATH	1	20	38	
39	20	1	REC-LIVING ROOM			1080	REC-LIVING ROOM	1	20	40	
41	20	1	REC-BEDROOM			900	REC-BEDROOM	1	20	42	
CONNECTED LOAD (VA)				22140	23940	23160		69240 VA			
CONNECTED LOAD (AMPERES)				185	200	193		192 A			
DEMAND LOAD (VA)				11010	11010	11010		33030 VA			
DEMAND LOAD (AMPERES)				92	92	92		92 A			
AMPERE INTERRUPT RATING								22,000 AIC			

PANEL BF SCHEDULE										
120/208V, 3PH, 4W 225A MLO										
CKT	AMP	POLE	LOAD DESCRIPTION	PHASE A VA	PHASE B VA	PHASE C VA	LOAD DESCRIPTION	POLE	AMP	CKT
1	20	1	LIGHTING RANGE	1840			SPARE	1	20	2
3	50	2			4050	245	LTG-REC	1	20	4
5	2	2			4050		LTG-REC	1	20	6
7	20	1	REC-KITCHEN	1500			SPARE	1	20	8
9	20	1	REC-KITCHEN		1500		SPARE	1	20	10
11	20	1	REC-DISPOSAL			1200	SPARE	1	20	12
13	20	1	REC-DISHWASHER	1200			SPARE	1	20	14
15	20	1	REC-BATH		180		SPARE	1	20	16
17	20	1	REC-LIVING ROOM			1080	SPARE	1	20	18

END OF ADDENDUM