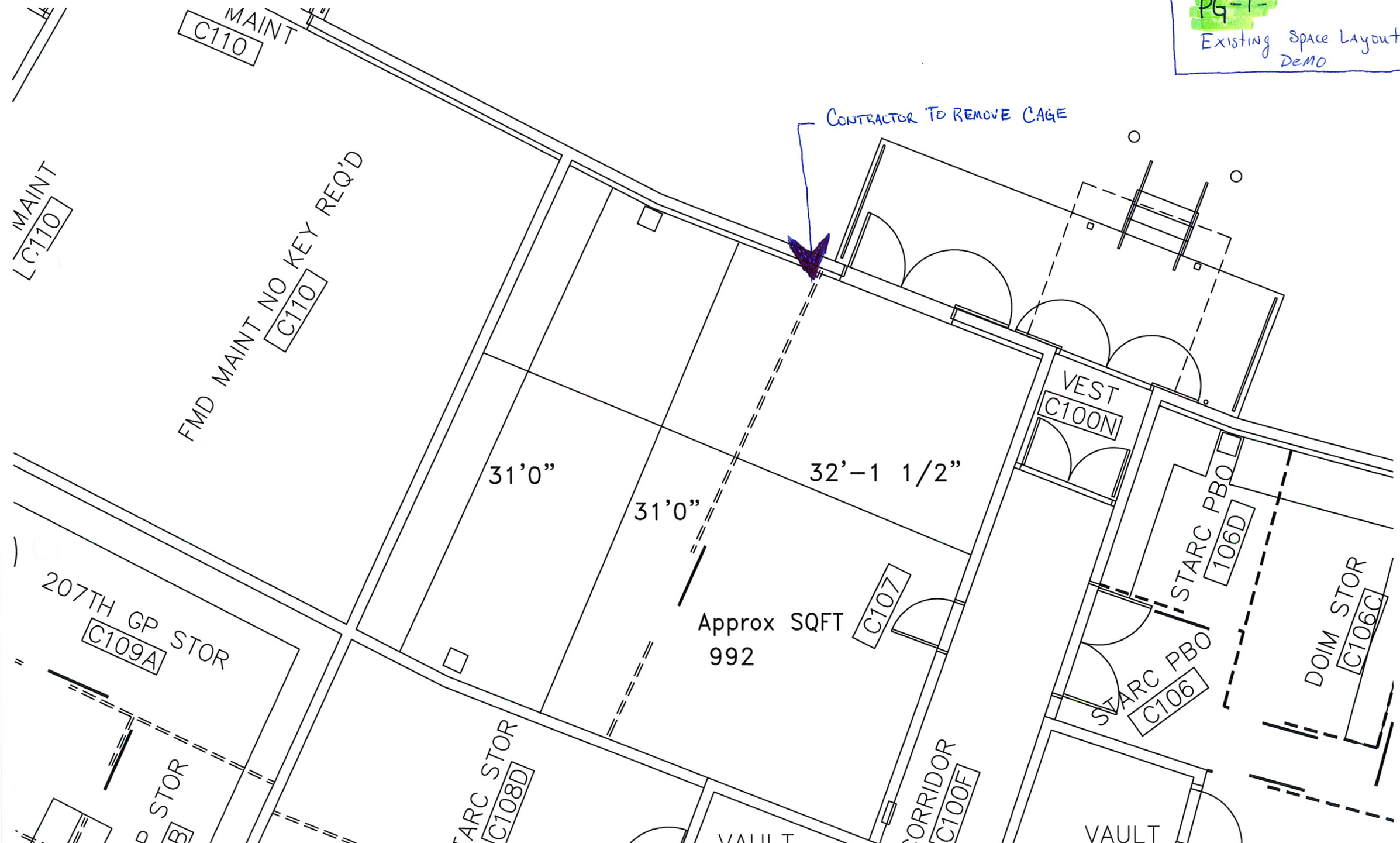
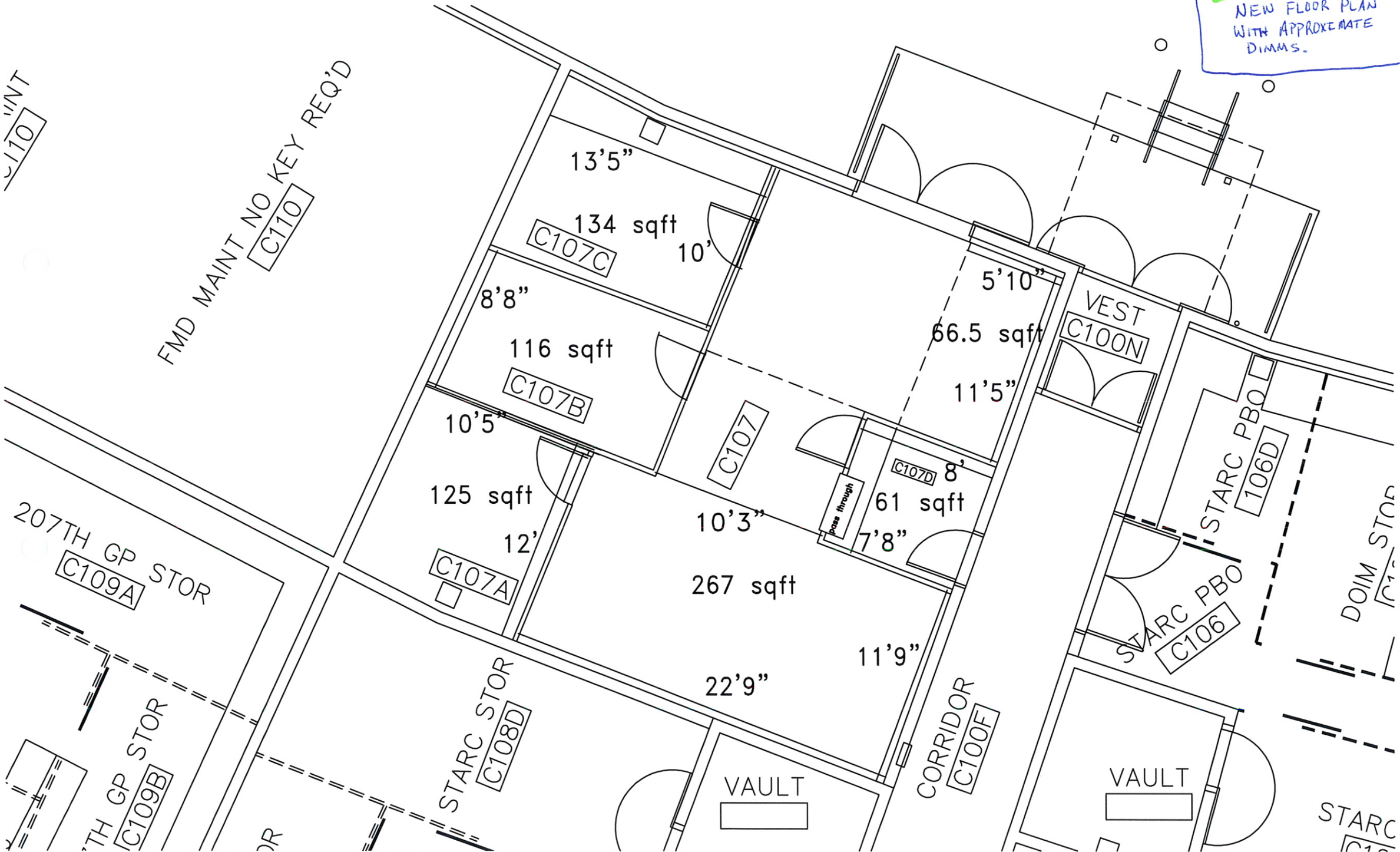
PG-1-
Existing Space Layout/
DEMO

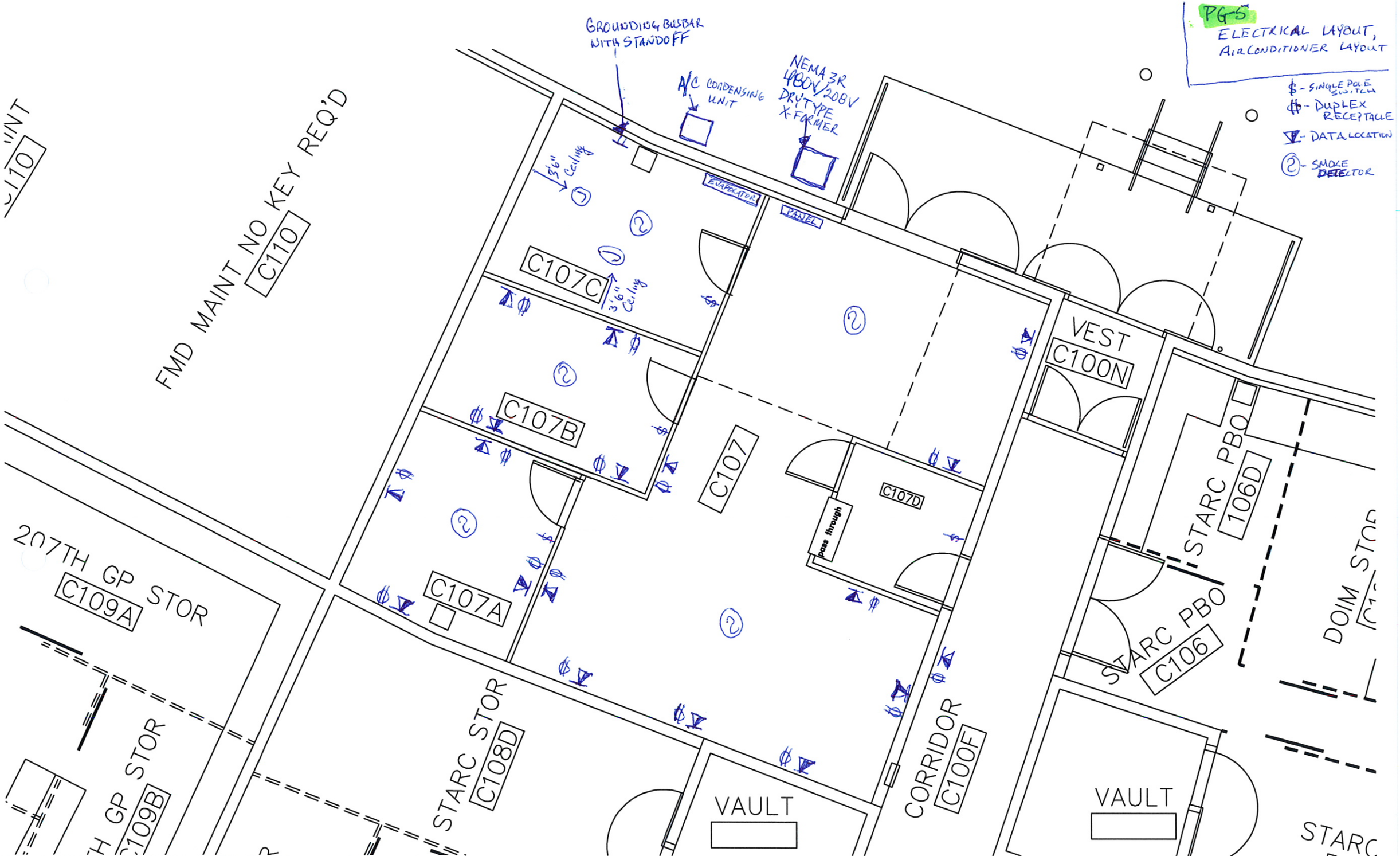


PG-2
NEW FLOOR PLAN

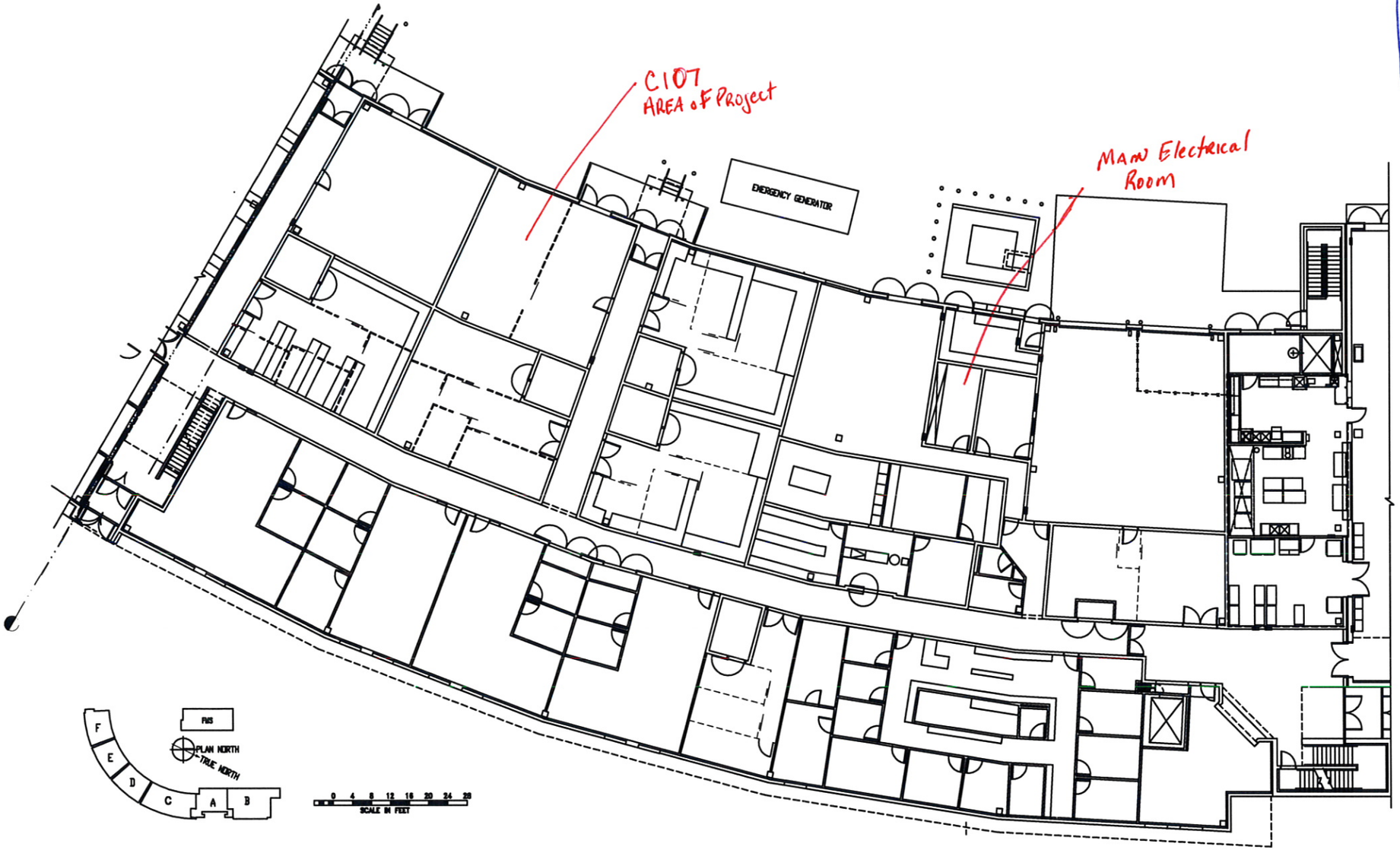
PG-3
NEW FLOOR PLAN WITH APPROXIMATE DIMMS.



PG4 - FLOORING - See SW-4
CARPET SQUARES - MILLIKEN CONTACT - 207 - ROSETTA GEM
VCT - ARMSTRONG SAFETY ZONE PAT# 5700 OR APPROVED EQUAL
FMD MAINT NO KEY REQ'D
C110
13'5"
134 sqft
C107C
10'
8'8"
116 sqft
C107B
10'5"
125 sqft
12'
C107A
C107
10'3"
267 sqft
22'9"
11'9"
5'10"
66.5 sqft
11'5"
C107D
8'
61 sqft
7'8"
Pass through
VEST
C100N
STARC PBO
106D
STARC PBO
C106
DOIM STOR
207TH GP STOR
C109A
207TH GP STOR
C109B
STARC STOR
C108D
VAULT
CORRIDOR
C100F
VAULT
STARC


PG-5
ELECTRICAL LAYOUT, AIRCONDITIONER LAYOUT
$ - SINGLE POLE SWITCH
- DUPLEX RECEPTACLE
- DATA LOCATION
- SMOKE DETECTOR
GROUNDING BUSBAR WITH STANDOFF
A/C CONDENSING UNIT
NEMA 3R 480V/208V DRY TYPE X-FORMER
EVAPORATOR
PANEL
3'6" Ceiling
C107C
C107B
C107A
C107
C107D
pass through
VEST C100N
FMD MAINT NO KEY REQ'D
C110
207TH GP STOR C109A
207TH GP STOR C109B
STARC STOR C108D
VAULT
CORRIDOR C100F
STARC PBO C106
STARC PBO 106D
DOIM STOR

PG-6
C WING FLOOR PLAN



FIRST FLOOR - AREA "C"
SCALE: 3/32" = 1'-0"

STATE OF ALASKA
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS
FACILITIES MANAGEMENT DIVISION
DMVA/FMD

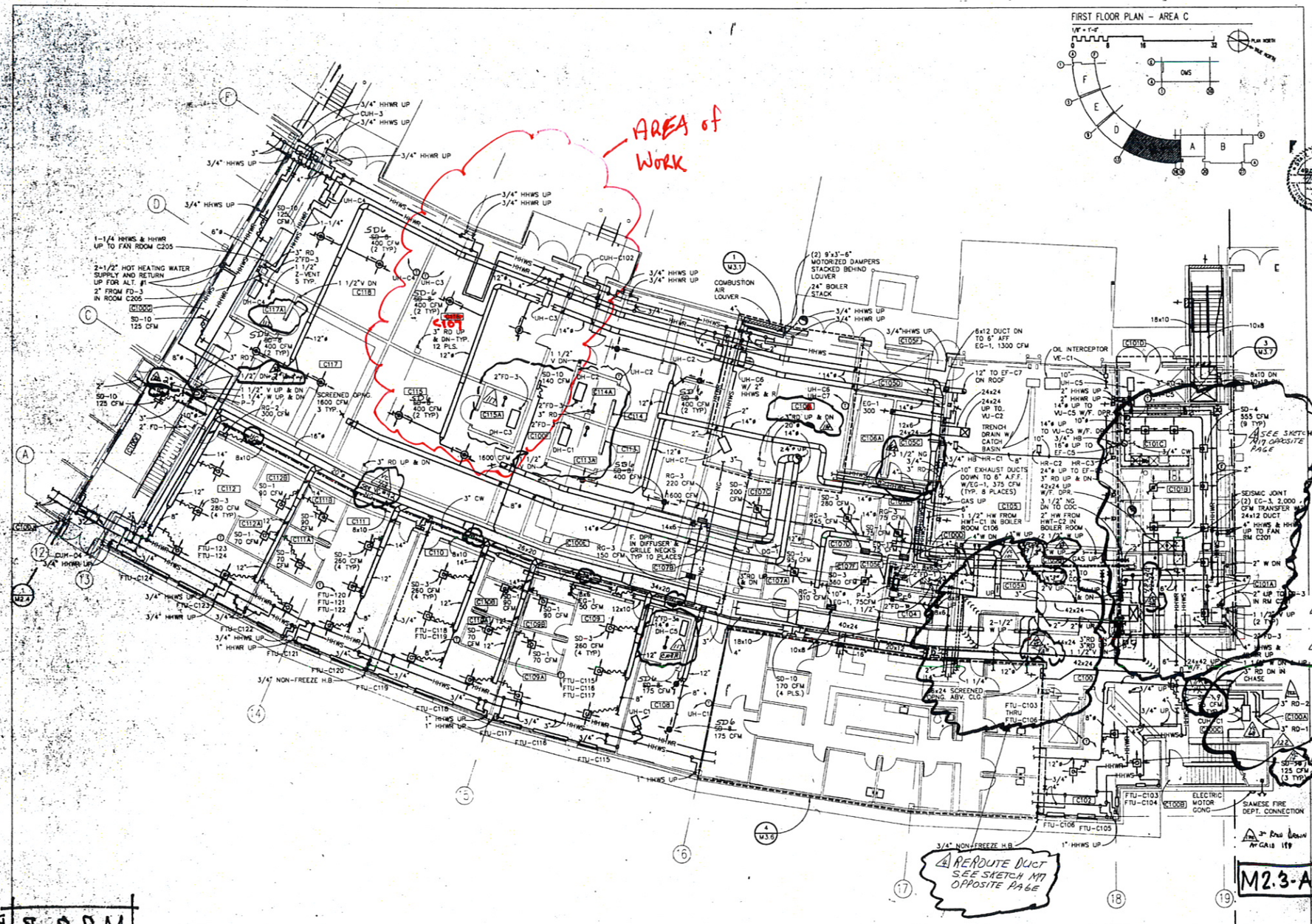
ANCHORAGE ARMORY
C-WING
1ST FLR
ALASKA

FT. RICHARDSON

12-15-09

C1
2

PG-7
ORIGINAL MECH LAYOUT.



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consultants:
KCM
Kramer, Chin, & Mayo, Inc.
1917 First Avenue
Seattle, Washington 98101

R0004
RFI 48 Floor Drain See for Information
RFI 69 Duct work reroute See Sketch and RFI
RFI 72 Bathroom Piping Configuration
RFI 116 Floor Drain - Room 222
RFI #117 Vault Room Venting
3" Pump Drain Per RFI 19 See Sketch
VC #32 Water Line + Duct Line
VC #34 Fans See Sketch
VC #41 CW Line Change
VC #42 NG Line Relocation See #42
VC #2 Diffusers See VC #2 + VC #47

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Fort Rich

DV. 1 6/30/89

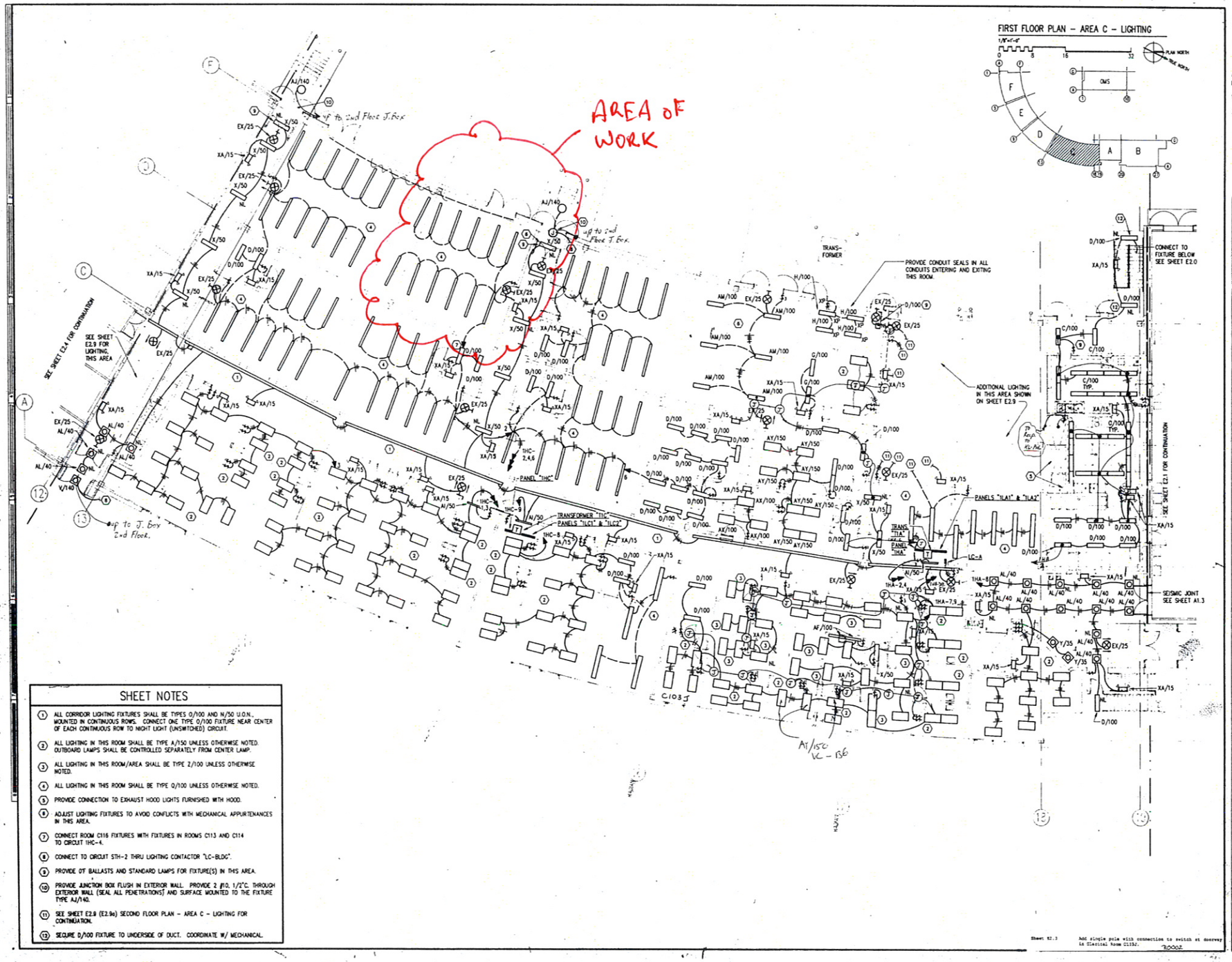
FIRST FLOOR PLAN
AREA C
PIPING, HEATING AND VENTILATION

IFB. NO. DACA85-8 -0026

M2.3
of

VC #101 Add Fire Dampers
VC #124 Wall Thickness See Sketches (2)
VC #8 No Louver required Ceiling Joist Structure Conflict See VC Sketch
VC #14 Diffusers
VC #5 Diffuser Installation See Sketches (3) on back
VC #6 Diffuser Installation See Sketches (2) on back
RFI #100 Ceiling Diffuser Conflict See RFI
VC #47 Diffusers See VC
RFI #67 Duct/Joist Conflict See Sketch
RFI #86 Steam & Roof Drains See Sketch
RFI #87 Addition of HHWS + HHWR Line Size See Sketches (2)
VC #51 Insulation Clarification See VC #51
VC #68 Ceiling Heights Also see RFI #122

PG-8
ORIGINAL LIGHTING PLAN



SHEET NOTES

1. ALL CORRIDOR LIGHTING FIXTURES SHALL BE TYPES D/100 AND N/50 U.O.N., MOUNTED IN CONTINUOUS ROWS. CONNECT ONE TYPE D/100 FIXTURE NEAR CENTER OF EACH CONTINUOUS ROW TO NIGHT LIGHT (UNSWITCHED) CIRCUIT.
2. ALL LIGHTING IN THIS ROOM SHALL BE TYPE A/150 UNLESS OTHERWISE NOTED. OUTBOARD LAMPS SHALL BE CONTROLLED SEPARATELY FROM CENTER LAMP.
3. ALL LIGHTING IN THIS ROOM/AREA SHALL BE TYPE Z/100 UNLESS OTHERWISE NOTED.
4. ALL LIGHTING IN THIS ROOM SHALL BE TYPE Q/100 UNLESS OTHERWISE NOTED.
5. PROVIDE CONNECTION TO EXHAUST HOOD LIGHTS FURNISHED WITH HOOD.
6. ADJUST LIGHTING FIXTURES TO AVOID CONFLICTS WITH MECHANICAL APPURTENANCES IN THIS AREA.
7. CONNECT ROOM C116 FIXTURES WITH FIXTURES IN ROOMS C113 AND C114 TO CIRCUIT 1HC-4.
8. CONNECT TO CIRCUIT STH-2 THRU LIGHTING CONTACTOR "LC-BLDG".
9. PROVIDE OT BALLASTS AND STANDARD LAMPS FOR FIXTURE(S) IN THIS AREA.
10. PROVIDE JUNCTION BOX FLUSH IN EXTERIOR WALL. PROVIDE 2 #10, 1/2"C. THROUGH EXTERIOR WALL (SEAL ALL PENETRATIONS) AND SURFACE MOUNTED TO THE FIXTURE TYPE AJ/140.
11. SEE SHEET E2.8 (E2.9a) SECOND FLOOR PLAN – AREA C – LIGHTING FOR CONTINUATION.
12. SECURE D/100 FIXTURE TO UNDERSIDE OF DUCT. COORDINATE W/ MECHANICAL.

Sheet E2.3 Add single pole with connection to switch at doorway in Electrical Room C1132.

R0002

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FENDER/PRESSLEY ENGINEERING, INC
540 E. 34TH AVE, SUITE 300
ANCHORAGE, ALASKA 99503
907-561-1666

R0002
RFI 106 Room Lighting Clarification

Alaska Army National Guard
Anchorage Armory
ARMY NATIONAL GUARD PROJECT No. 165
Camp Denali
Fort Richardson, Alaska

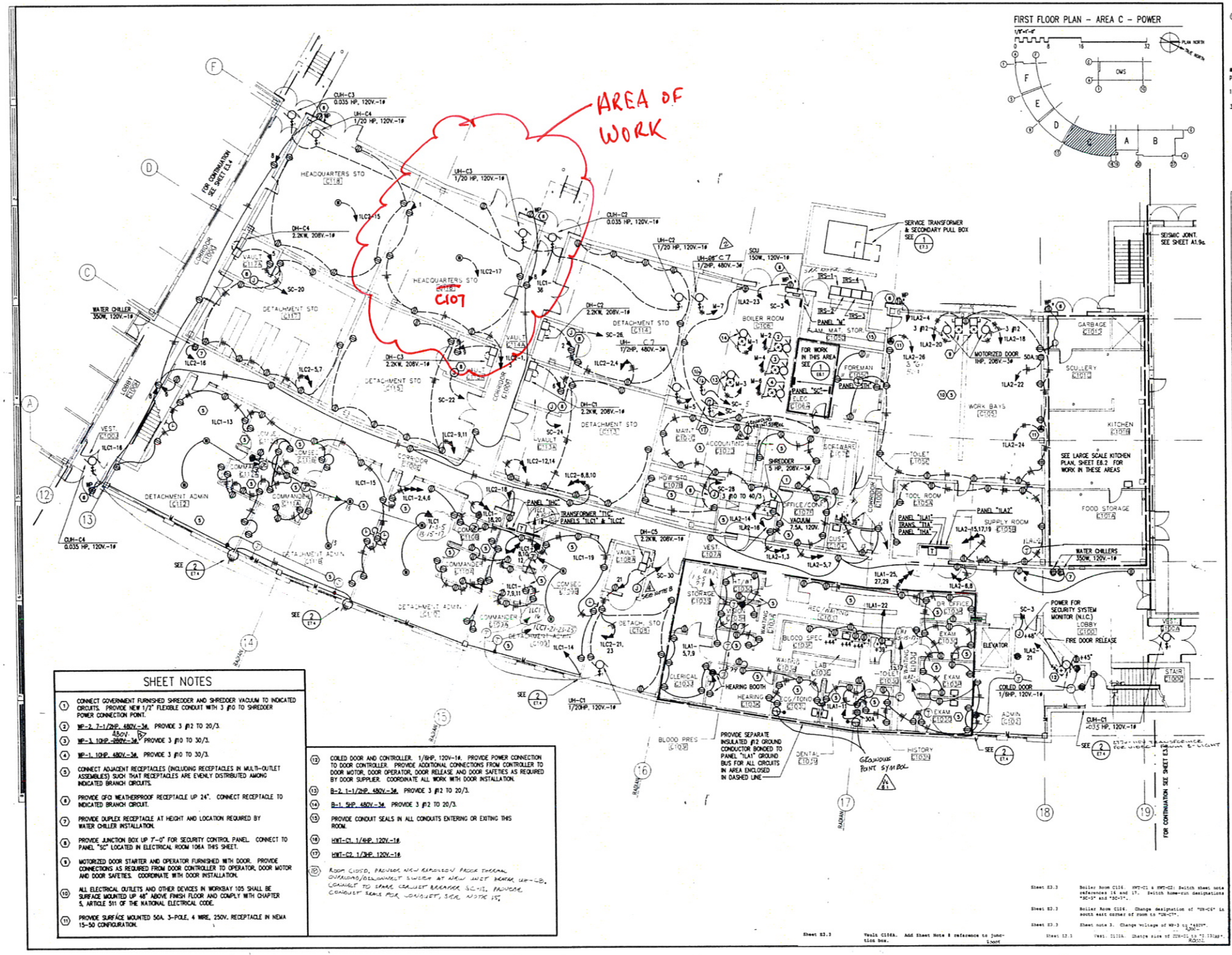
job no.	CBB-87024
drawn by	RDP/SDC
date	6/30/89

FIRST FLOOR PLAN
AREA C
ELECTRICAL
LIGHTING

IFB No. DACA85-89-B-0026

E2.3
of

PG-9
ORIGINAL POWER PLAN



SHEET NOTES

1. CONNECT GOVERNMENT FURNISHED SHREDDER AND SHREDDER VACUUM TO INDICATED CIRCUITS. PROVIDE NEW 1/2" FLEXIBLE CONDUIT WITH 3 #10 TO SHREDDER POWER CONNECTION POINT.
2. WP-2, 7-1/2HP, 480V-3Ø, 45OV. PROVIDE 3 #12 TO 20/3.
3. WP-3, 10HP, 208V-3Ø. PROVIDE 3 #10 TO 30/3.
4. WP-1, 10HP, 480V-3Ø. PROVIDE 3 #10 TO 30/3.
5. CONNECT ADJACENT RECEPTACLES (INCLUDING RECEPTACLES IN MULTI-OUTLET ASSEMBLIES) SUCH THAT RECEPTACLES ARE EVENLY DISTRIBUTED AMONG INDICATED BRANCH CIRCUITS.
6. PROVIDE GFCI WEATHERPROOF RECEPTACLE UP 24". CONNECT RECEPTACLE TO INDICATED BRANCH CIRCUIT.
7. PROVIDE DUPLEX RECEPTACLE AT HEIGHT AND LOCATION REQUIRED BY WATER CHILLER INSTALLATION.
8. PROVIDE JUNCTION BOX UP 7'-0" FOR SECURITY CONTROL PANEL. CONNECT TO PANEL "SC" LOCATED IN ELECTRICAL ROOM 106A THIS SHEET.
9. MOTORIZED DOOR STARTER AND OPERATOR FURNISHED WITH DOOR. PROVIDE CONNECTIONS AS REQUIRED FROM DOOR CONTROLLER TO OPERATOR, DOOR MOTOR AND DOOR SAFETIES. COORDINATE WITH DOOR INSTALLATION.
10. ALL ELECTRICAL OUTLETS AND OTHER DEVICES IN WORKBAY 105 SHALL BE SURFACE MOUNTED UP 48" ABOVE FINISH FLOOR AND COMPLY WITH CHAPTER 5, ARTICLE 511 OF THE NATIONAL ELECTRICAL CODE.
11. PROVIDE SURFACE MOUNTED 50A, 3-POLE, 4 WIRE, 250V, RECEPTACLE IN NEMA 15-50 CONFIGURATION.
12. COILED DOOR AND CONTROLLER. 1/6HP, 120V-1Ø. PROVIDE POWER CONNECTION TO DOOR CONTROLLER. PROVIDE ADDITIONAL CONNECTIONS FROM CONTROLLER TO DOOR MOTOR, DOOR OPERATOR, DOOR RELEASE AND DOOR SAFETIES AS REQUIRED BY DOOR SUPPLIER. COORDINATE ALL WORK WITH DOOR INSTALLATION.
13. B-2, 1-1/2HP, 480V-3Ø. PROVIDE 3 #12 TO 20/3.
14. B-1, 5HP, 480V-3Ø. PROVIDE 3 #12 TO 20/3.
15. PROVIDE CONDUIT SEALS IN ALL CONDUITS ENTERING OR EXITING THIS ROOM.
16. HWT-C1, 1/6HP, 120V-1Ø.
17. HWT-C2, 1/3HP, 120V-1Ø.
18. ROOM CLOSED. PROVIDE NEW EXPLOSION PROOF THERMAL OVERLOAD/DISCONNECT SWITCH AT NEW INLET HEATER, UH-C8. CONNECT TO SPARE CIRCUIT BREAKER SC-13. PROVIDE CONDUIT SEALS FOR CONDUIT, SEE NOTE 15.

Sheet E3.3 Boiler Room C116. HWT-C1 & HWT-C2: Switch sheet note references 16 and 17. Switch home-run designations "SC-3" and "SC-1".

Sheet E3.3 Boiler Room C116. Change designation of "UH-C6" in south east corner of room to "UH-C7".

Sheet E3.3 Sheet note 3. Change voltage of WP-3 to "480V-3Ø".

Sheet E3.3 Vest. C115A. Add Sheet Note 8 reference to junction box.

Sheet E3.3 Vestb C105A. Change size of ZCH-C1 to "2 1/2inch". ROOOZ

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FRYER/PRESSLEY ENGINEERING, INC.
1360 E. 36TH AVE, SUITE 300
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907-561-1666

2 R0002
4 R0004
VC #81
GROUNDING POINT SYMBOL

Alaska Army National Guard
Anchorage Armory
ARMY NATIONAL GUARD PROJECT No. 165
Camp Denali
Fort Richardson, Alaska

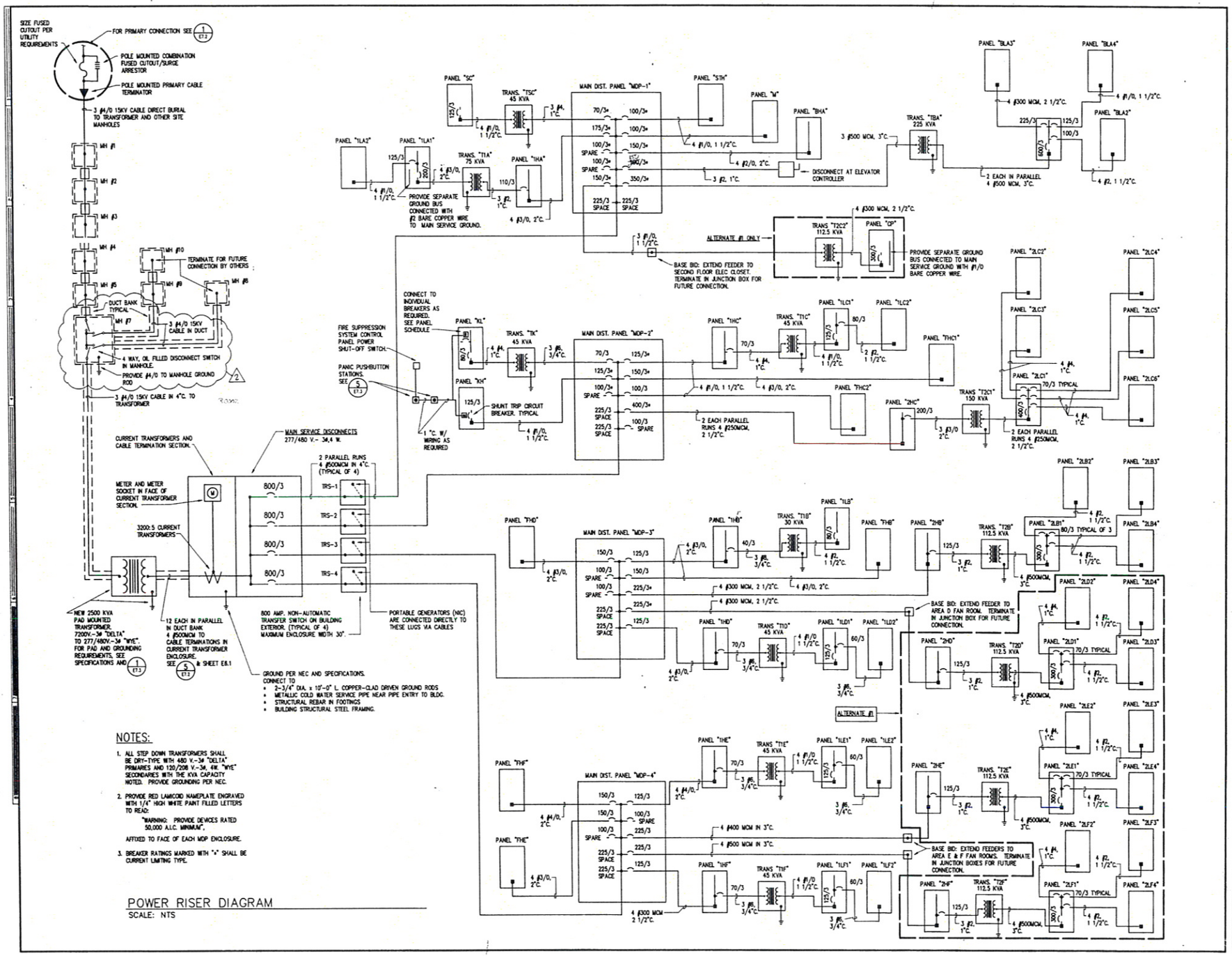
Job no. C88-87024
drawn by RDP/SDC
date 7/13/89

FIRST FLOOR PLAN
AREA C
ELECTRICAL
POWER

IFB No. DACA85-89-B-0026

E.3.3
OF

PG-10
ORIGINAL POWER RISER DIAGRAM



NOTES:

1. ALL STEP DOWN TRANSFORMERS SHALL BE DRY-TYPE WITH 480 V.-3Ø "DELTA" PRIMARIES AND 120/208 V.-3Ø, 4W. "WYE" SECONDARIES WITH THE KVA CAPACITY NOTED. PROVIDE GROUNDING PER NEC.
2. PROVIDE RED LAMICOID NAMEPLATE ENGRAVED WITH 1/4" HIGH WHITE PAINT FILLED LETTERS TO READ:
   "WARNING: PROVIDE DEVICES RATED 50,000 A.I.C. MINIMUM",
   AFFIXED TO FACE OF EACH MDP ENCLOSURE.
3. BREAKER RATINGS MARKED WITH "*" SHALL BE CURRENT LIMITING TYPE.

POWER RISER DIAGRAM
SCALE: NTS

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R0002

Alaska Army National Guard
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Camp Denali
Fort Richardson, Alaska

job no. 088-87024
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POWER RISER DIAGRAM

IFB No. DACA85-89-B-0026

E5.1
OF