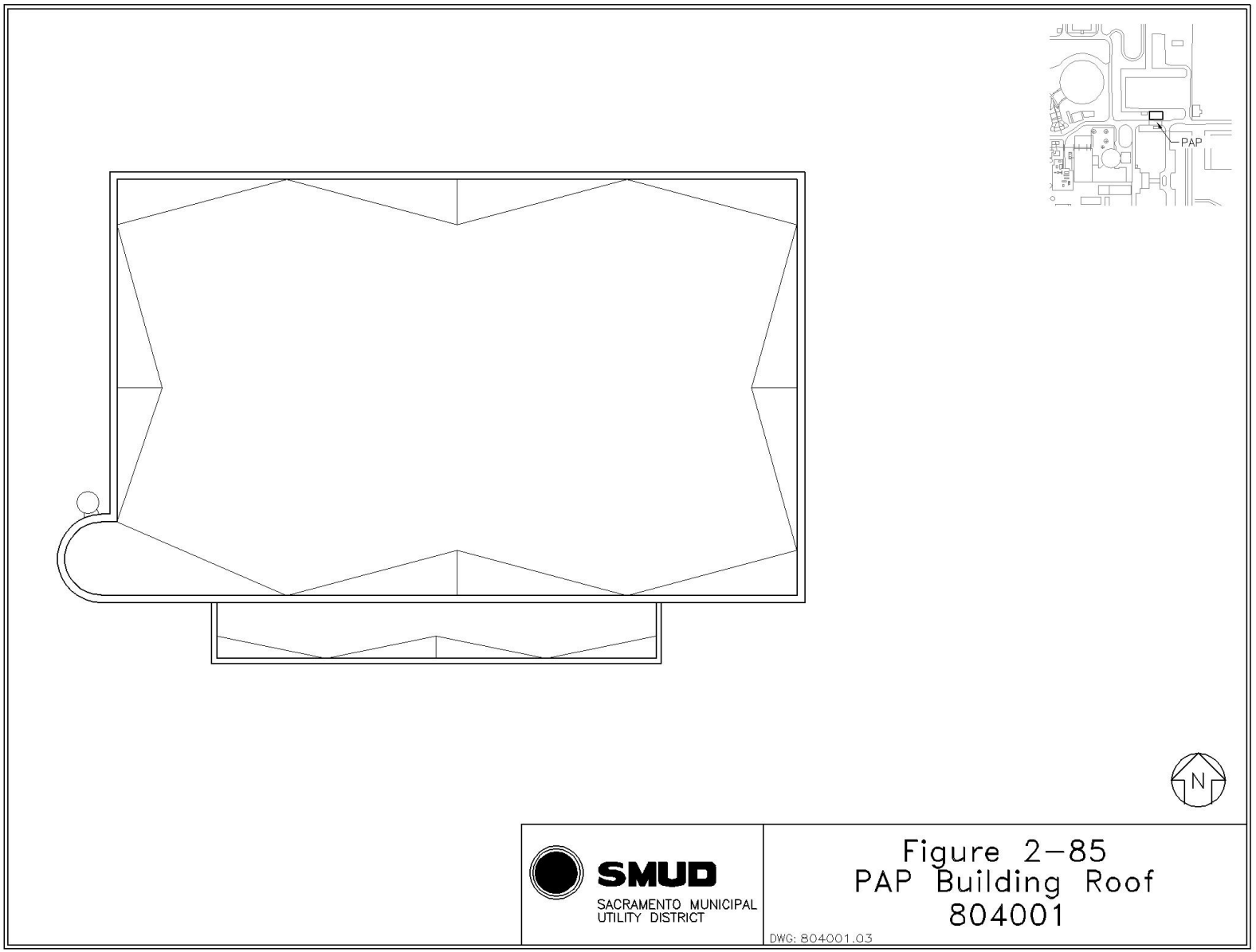
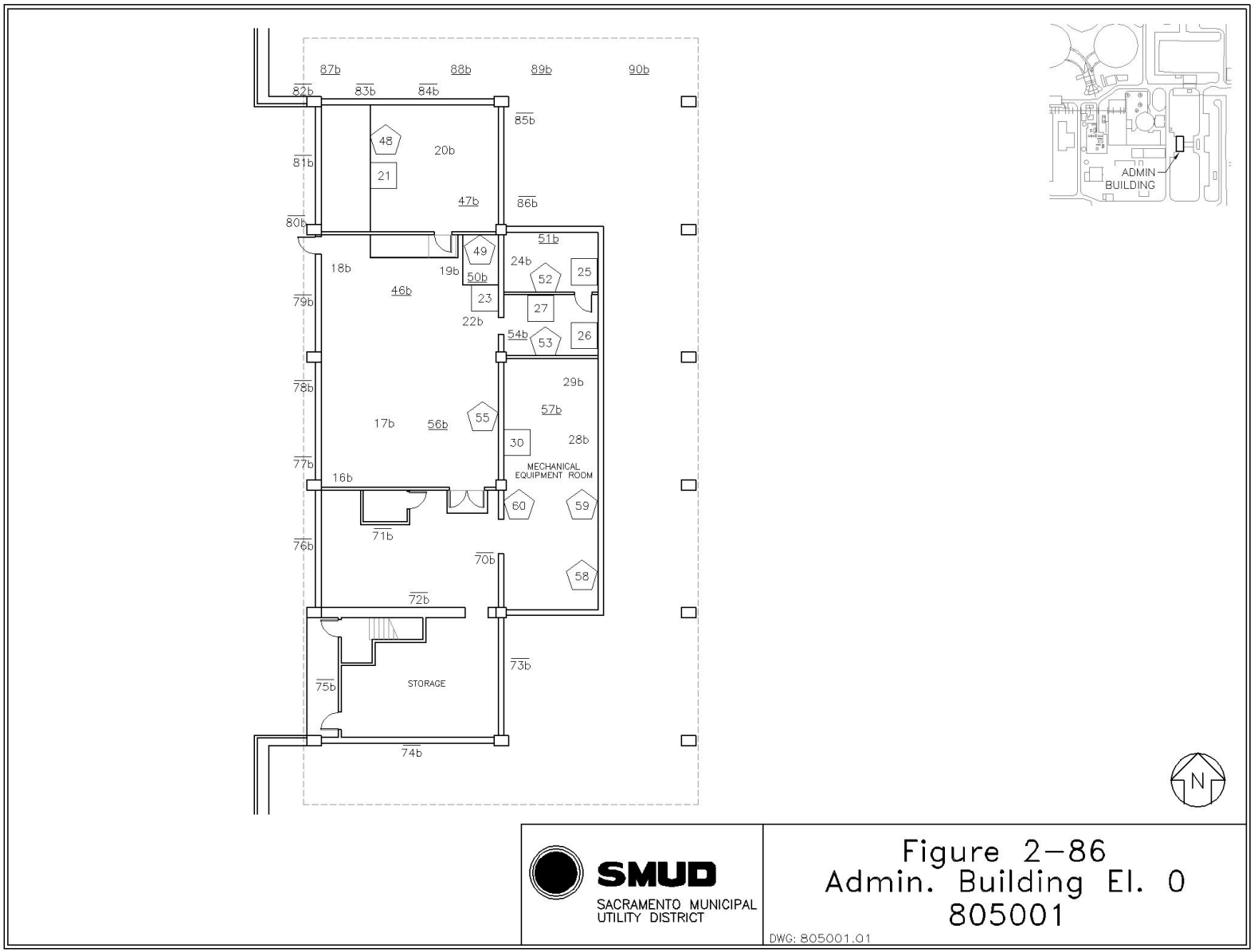
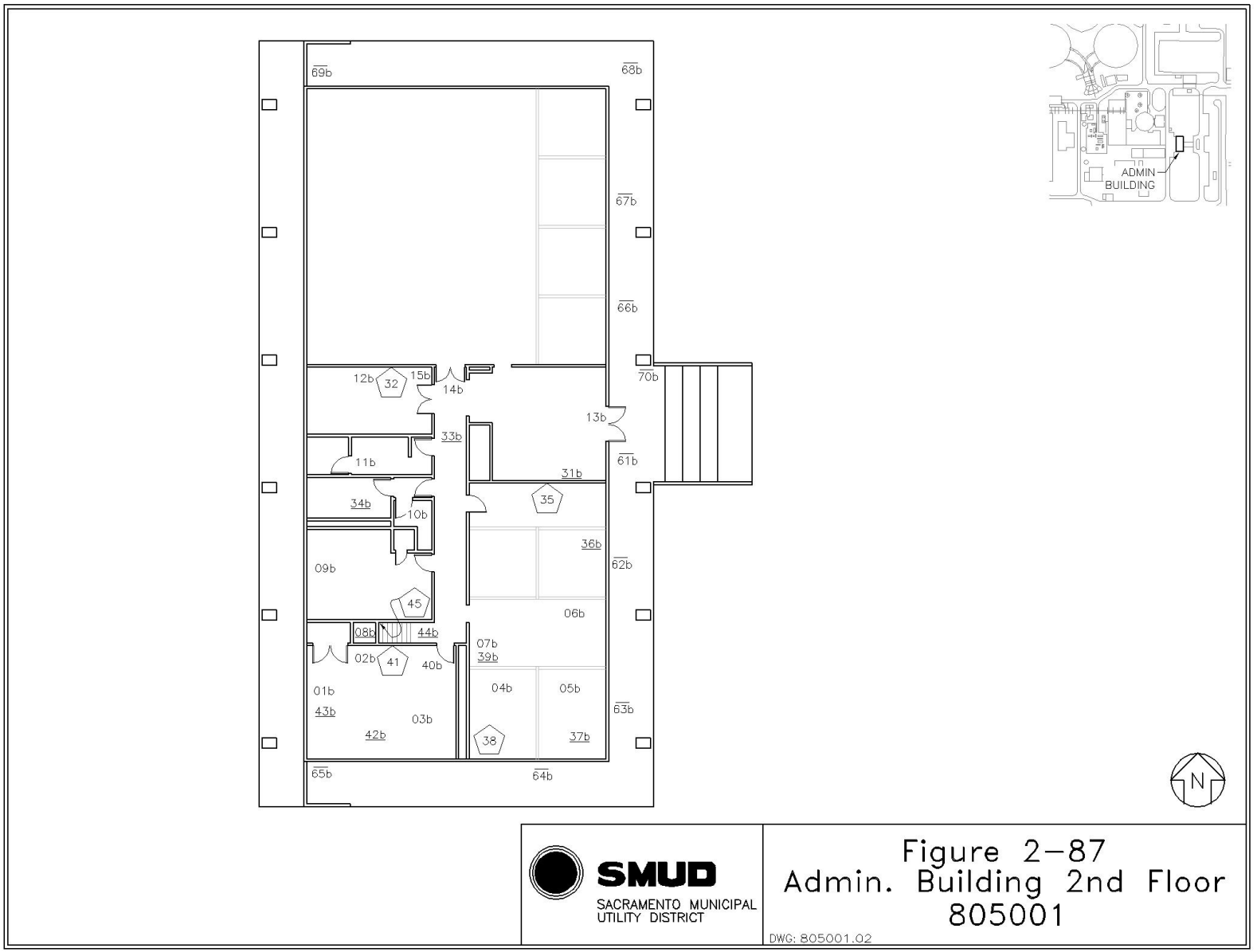
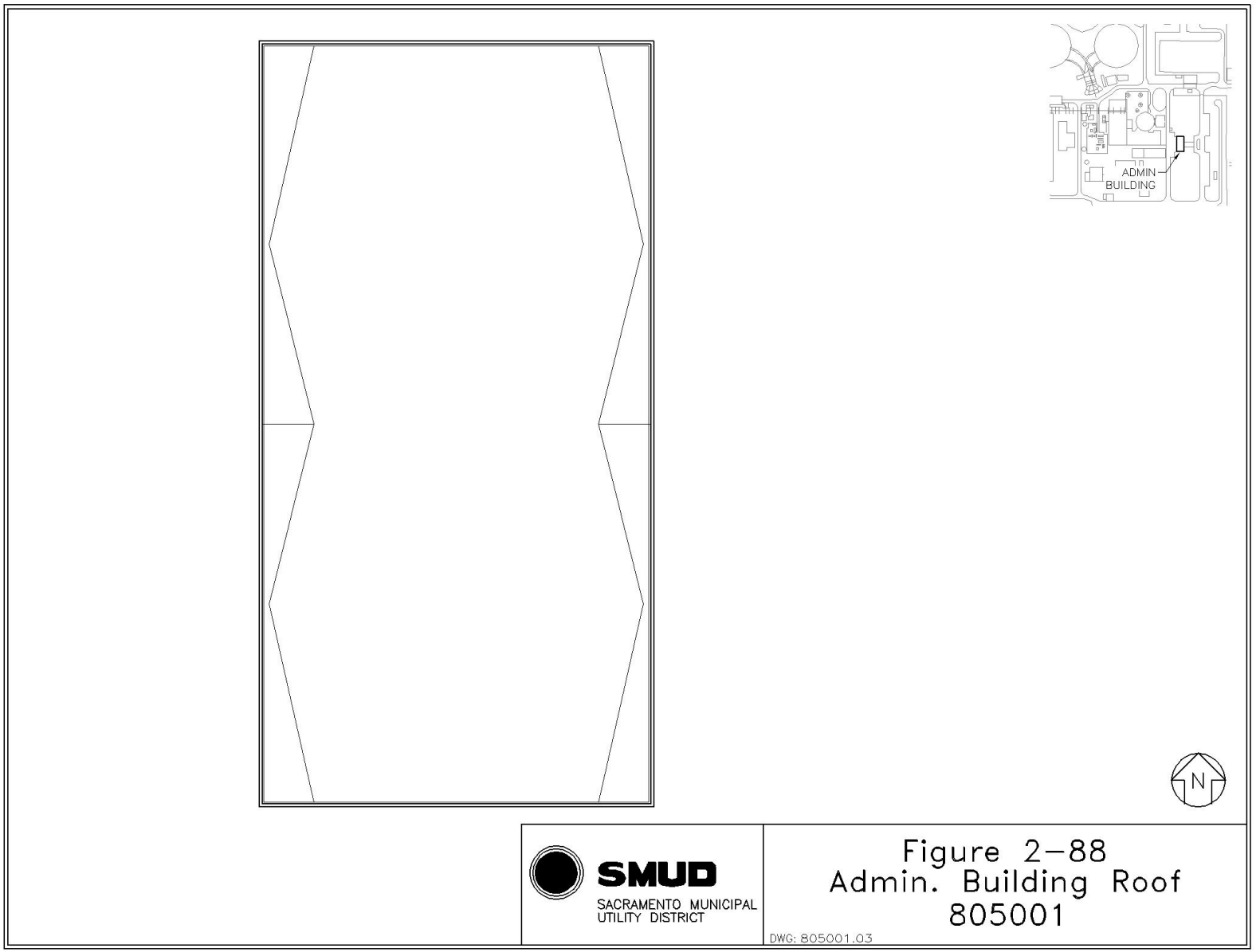
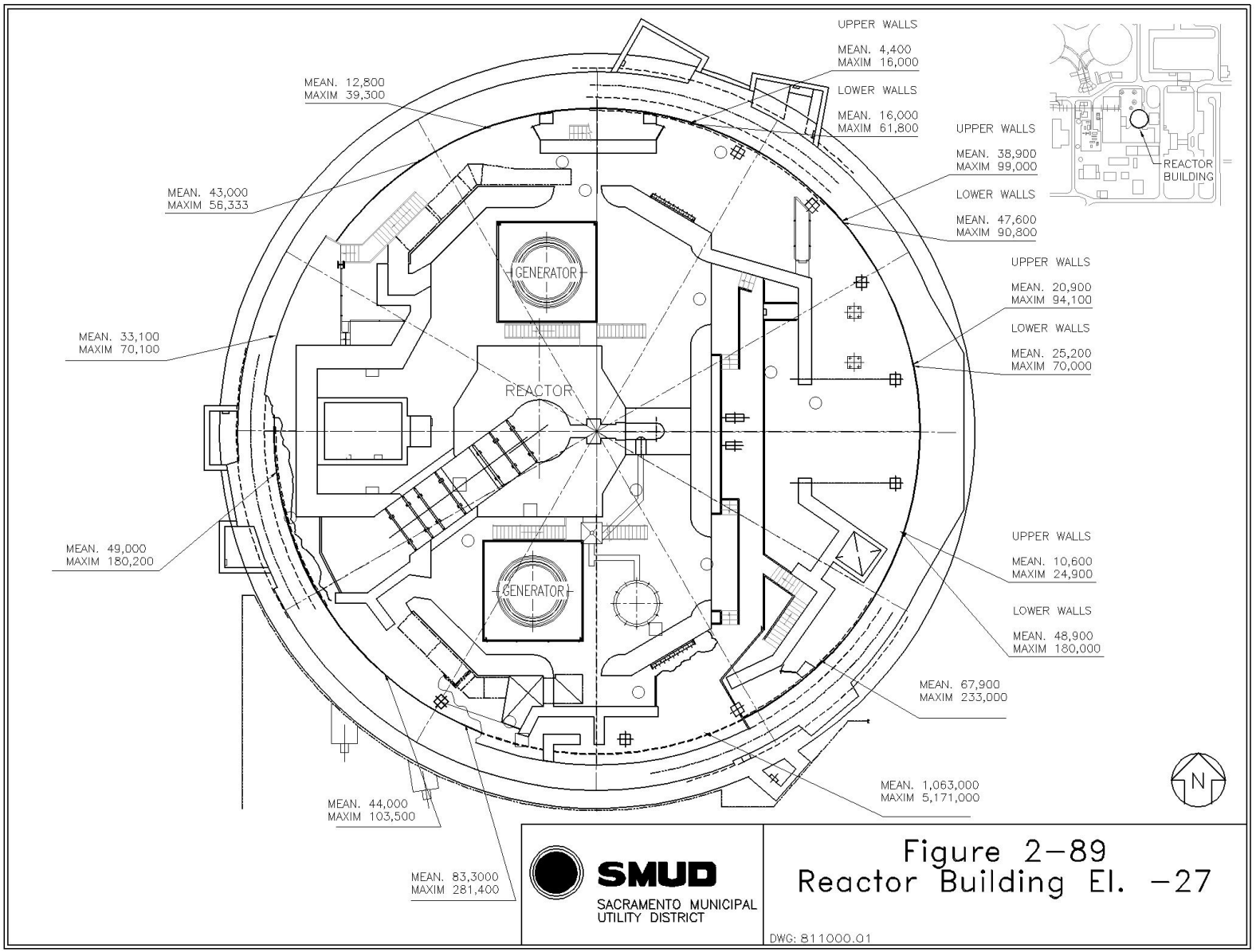
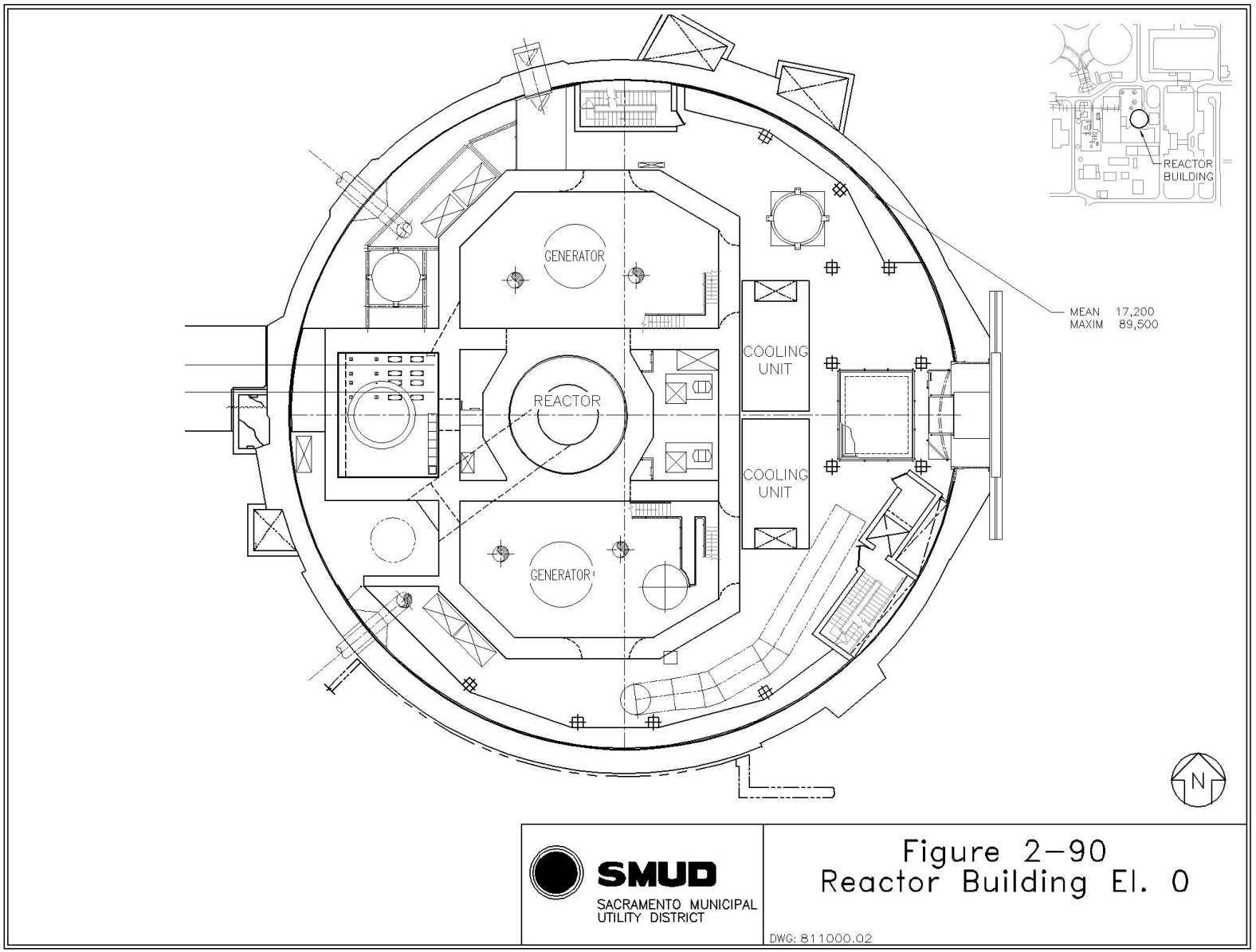

PAP
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2–85
PAP Building Roof
804001
DWG: 804001.03

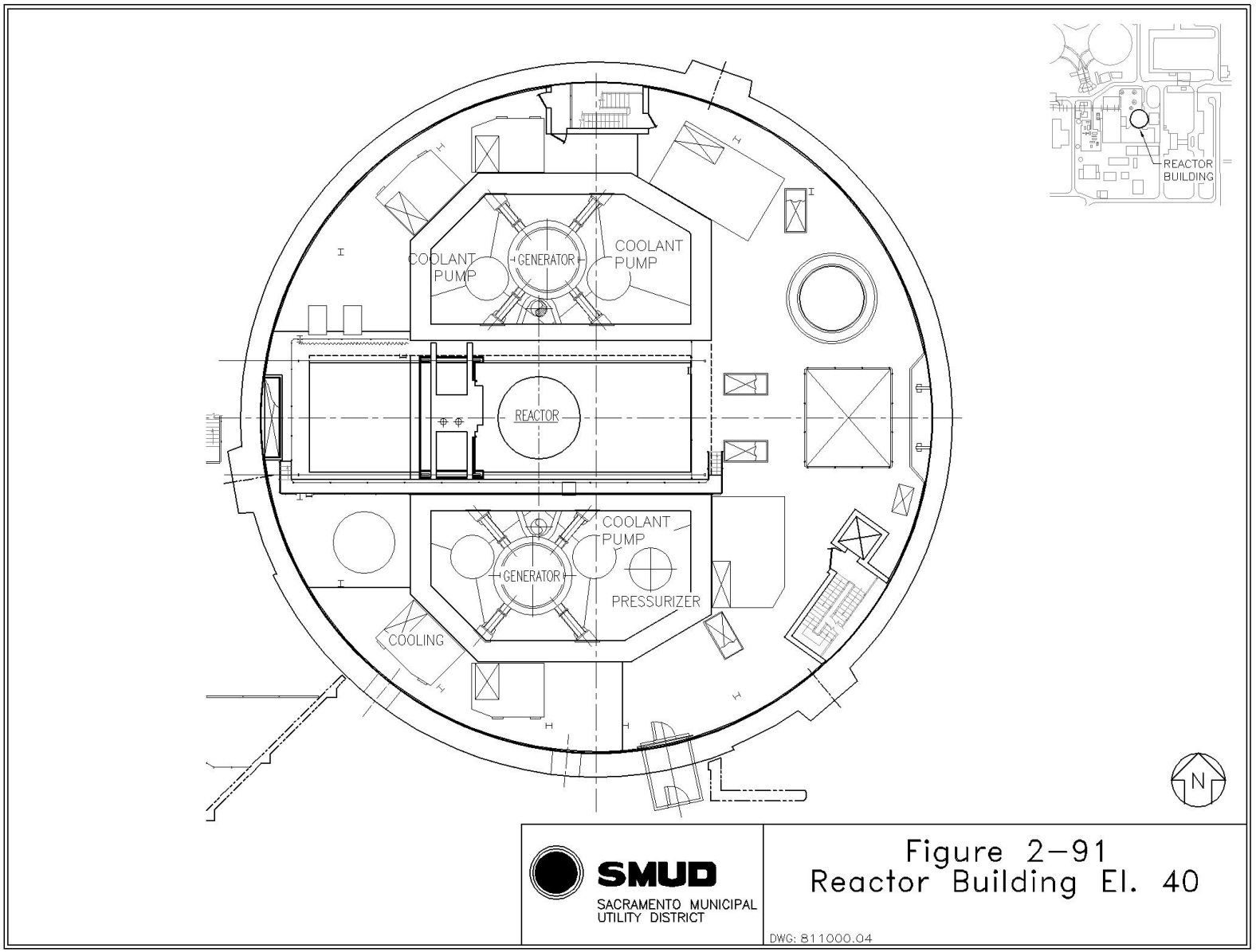

87b
88b
89b
90b
82b
83b
84b
85b
48
20b
21
81b
47b
86b
80b
51b
49
24b
25
52
18b
19b
50b
46b
23
27
79b
22b
54b
53
26
29b
78b
57b
17b
56b
55
30
28b
77b
MECHANICAL EQUIPMENT ROOM
16b
60
59
71b
76b
70b
58
72b
73b
75b
STORAGE
74b
ADMIN BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-86
Admin. Building El. 0
805001
DWG: 805001.01

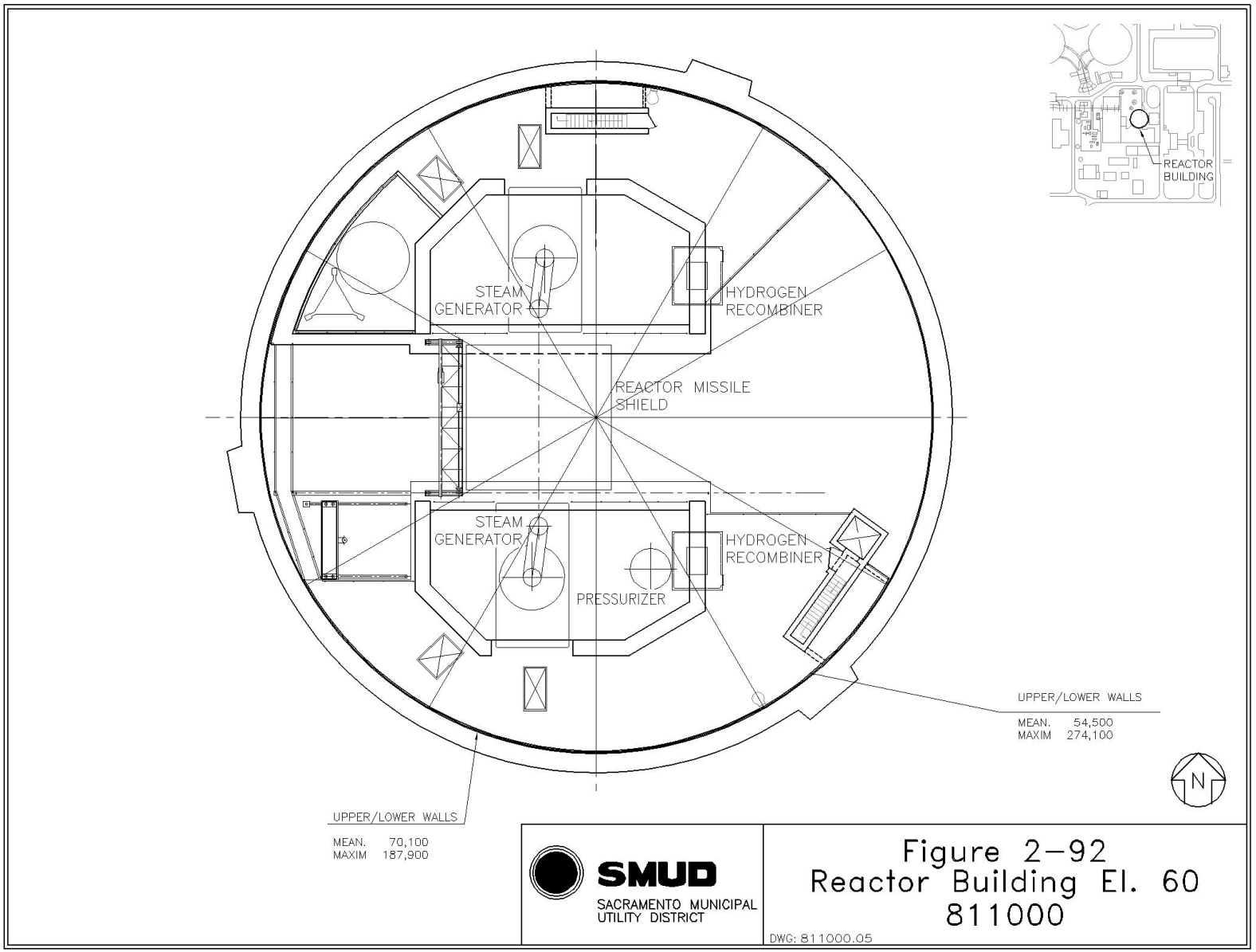

69b
68b
67b
66b
70b
12b
32
15b
14b
13b
33b
11b
61b
31b
35
34b
10b
36b
62b
09b
45
06b
08b
44b
07b
39b
02b
41
40b
01b
04b
05b
43b
03b
63b
42b
38
37b
65b
64b
ADMIN BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-87
Admin. Building 2nd Floor
805001
DWG: 805001.02

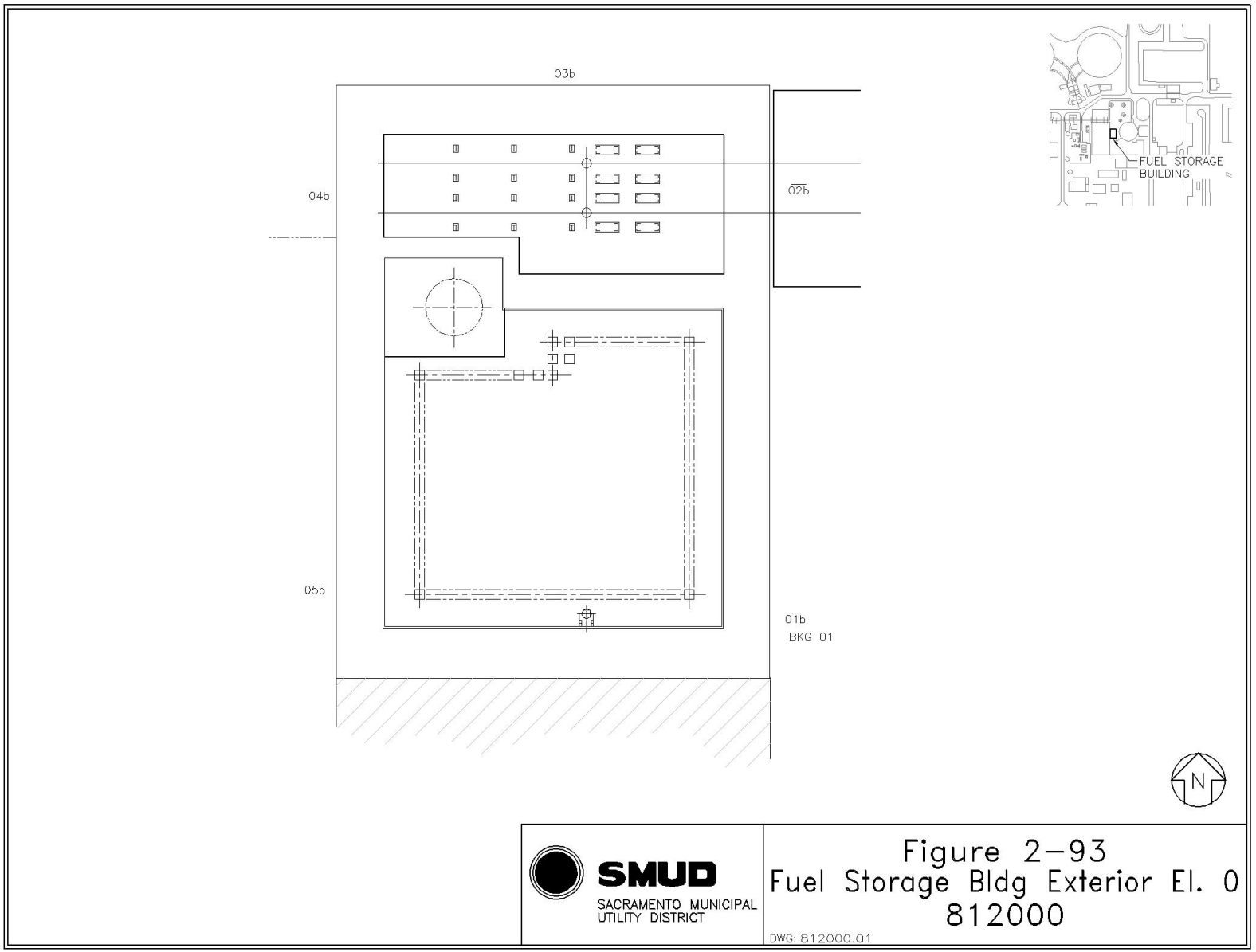

ADMIN
BUILDING
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2–88
Admin. Building Roof
805001
DWG: 805001.03

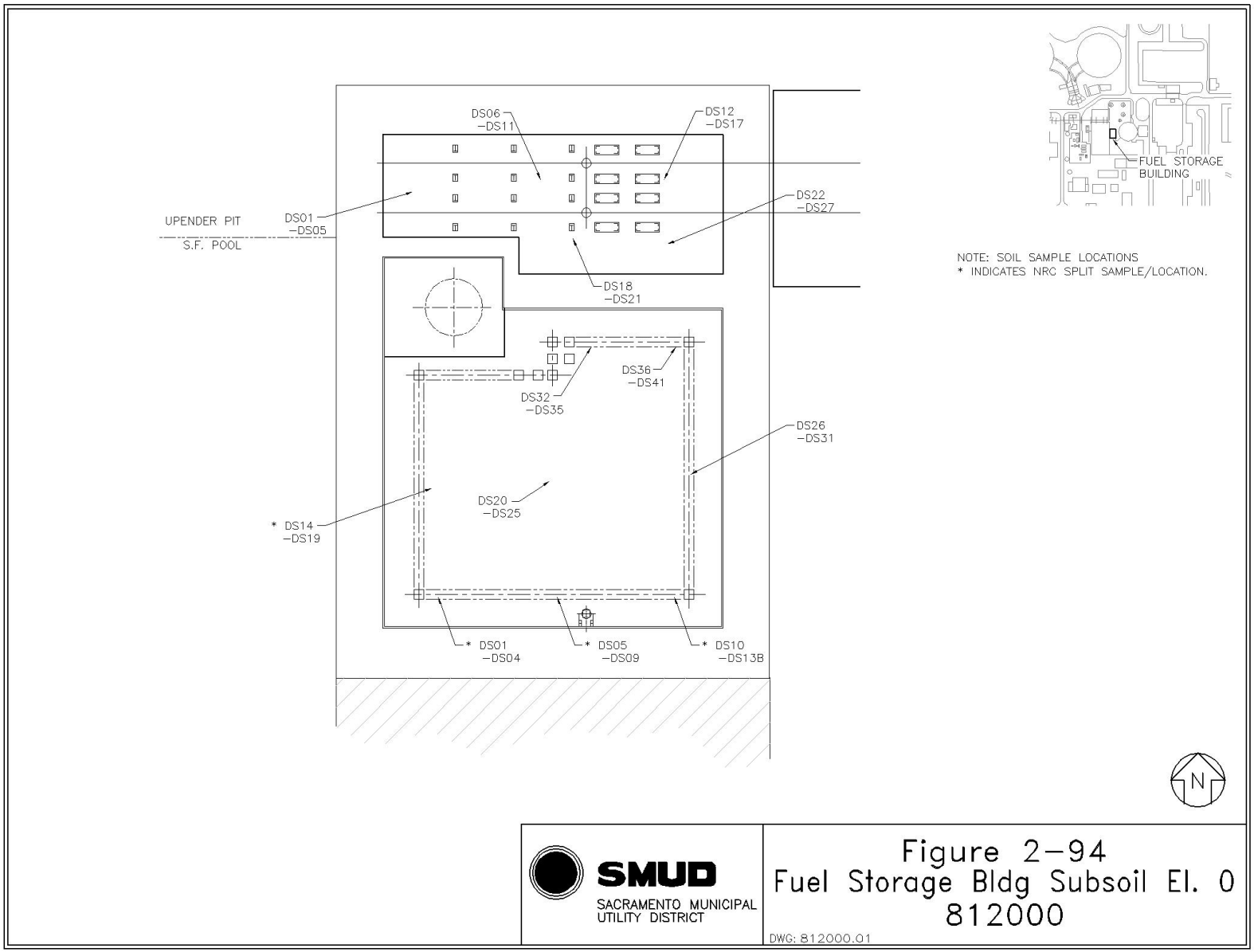

UPPER WALLS
MEAN. 4,400
MAXIM 16,000
LOWER WALLS
MEAN. 16,000
MAXIM 61,800
MEAN. 12,800
MAXIM 39,300
UPPER WALLS
MEAN. 38,900
MAXIM 99,000
LOWER WALLS
MEAN. 47,600
MAXIM 90,800
REACTOR BUILDING
MEAN. 43,000
MAXIM 56,333
GENERATOR
UPPER WALLS
MEAN. 20,900
MAXIM 94,100
LOWER WALLS
MEAN. 25,200
MAXIM 70,000
MEAN. 33,100
MAXIM 70,100
REACTOR
UPPER WALLS
MEAN. 10,600
MAXIM 24,900
LOWER WALLS
MEAN. 48,900
MAXIM 180,000
MEAN. 49,000
MAXIM 180,200
GENERATOR
MEAN. 67,900
MAXIM 233,000
MEAN. 1,063,000
MAXIM 5,171,000
N
MEAN. 44,000
MAXIM 103,500
MEAN. 83,3000
MAXIM 281,400
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-89
Reactor Building El. -27
DWG: 811000.01

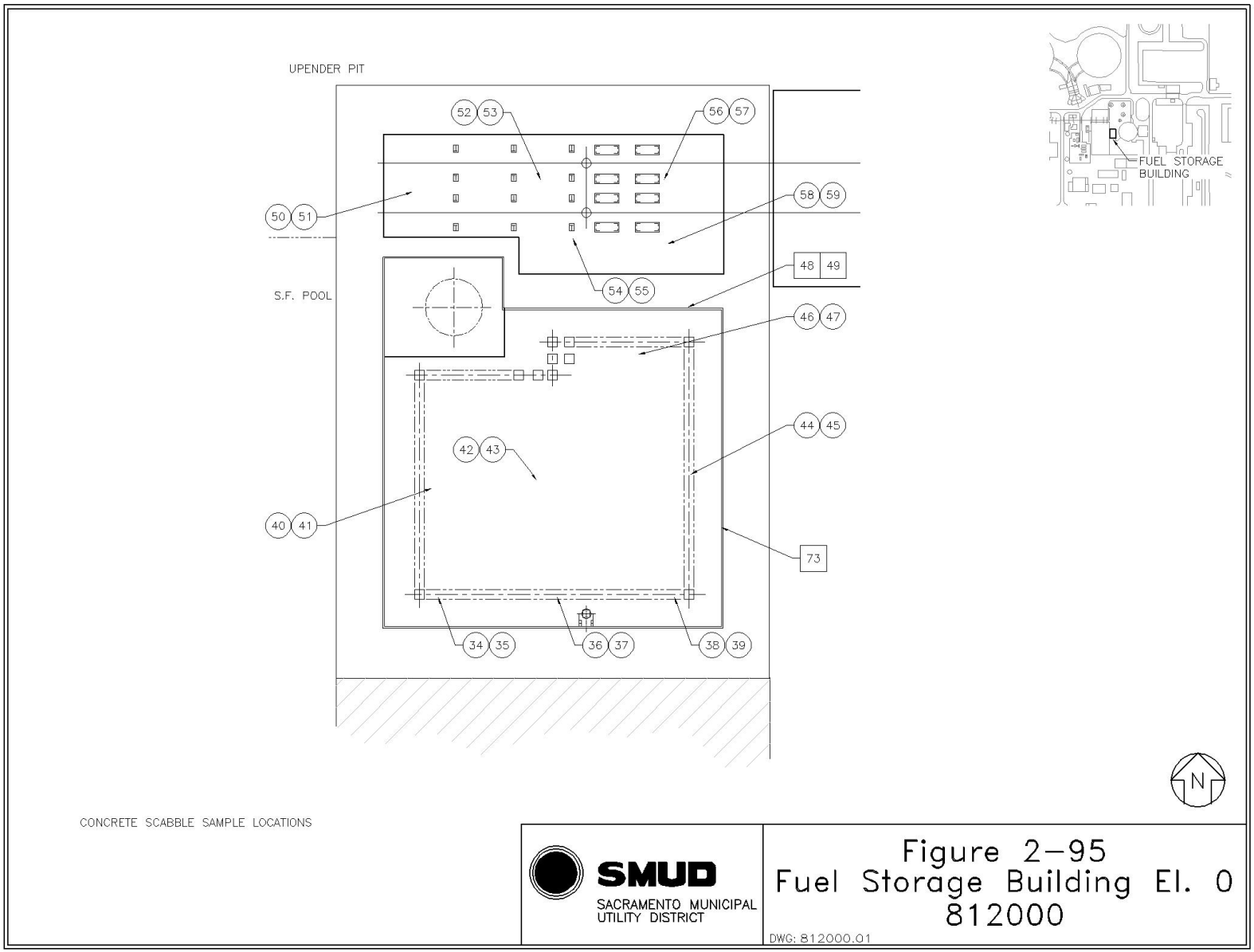

REACTOR BUILDING
GENERATOR
COOLING UNIT
REACTOR
COOLING UNIT
GENERATOR
MEAN 17,200
MAXIM 89,500
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-90
Reactor Building El. 0
DWG: 811000.02

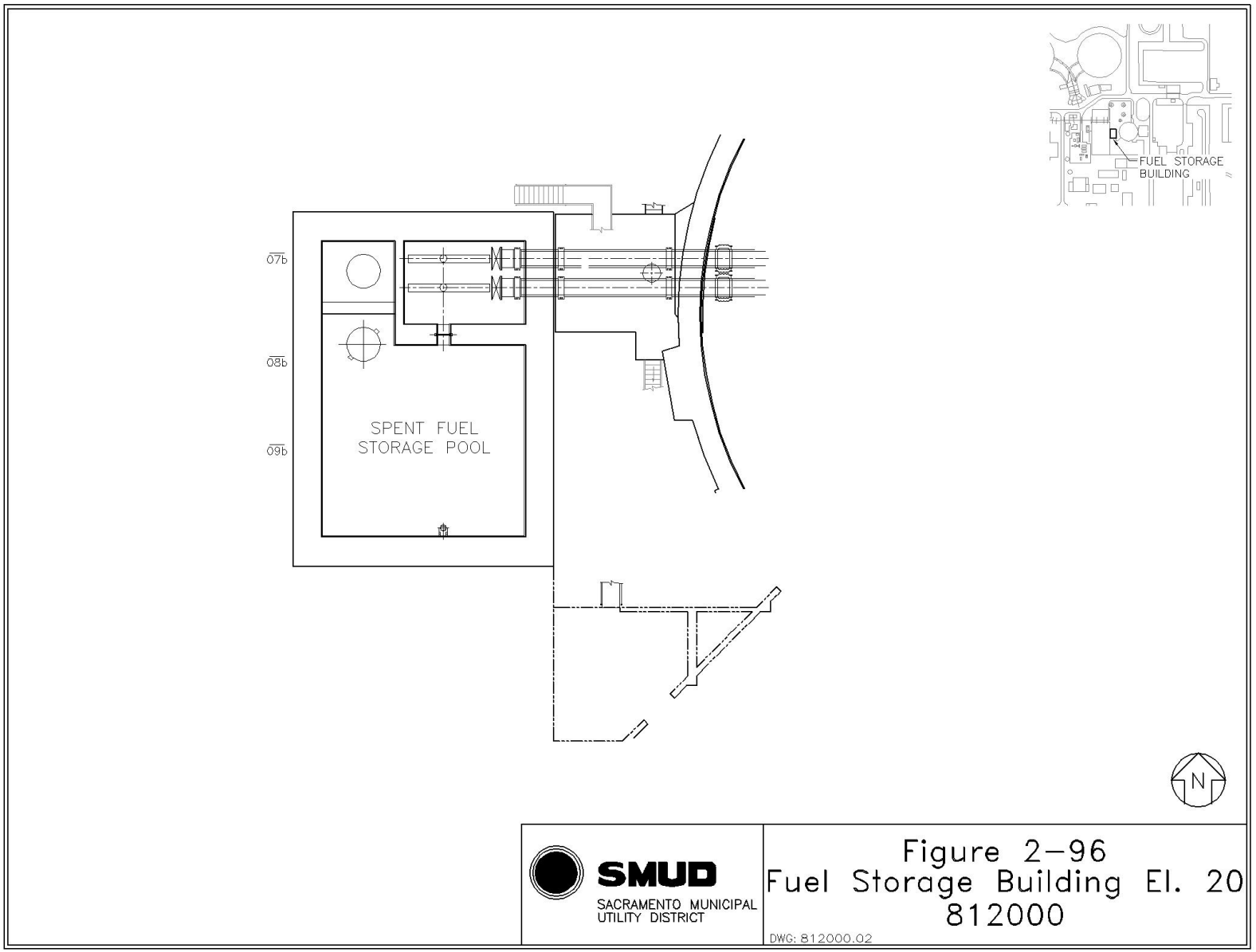

REACTOR BUILDING
COOLANT PUMP
GENERATOR
COOLANT PUMP
REACTOR
COOLANT PUMP
GENERATOR
PRESSURIZER
COOLING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-91
Reactor Building El. 40
DWG: 811000.04

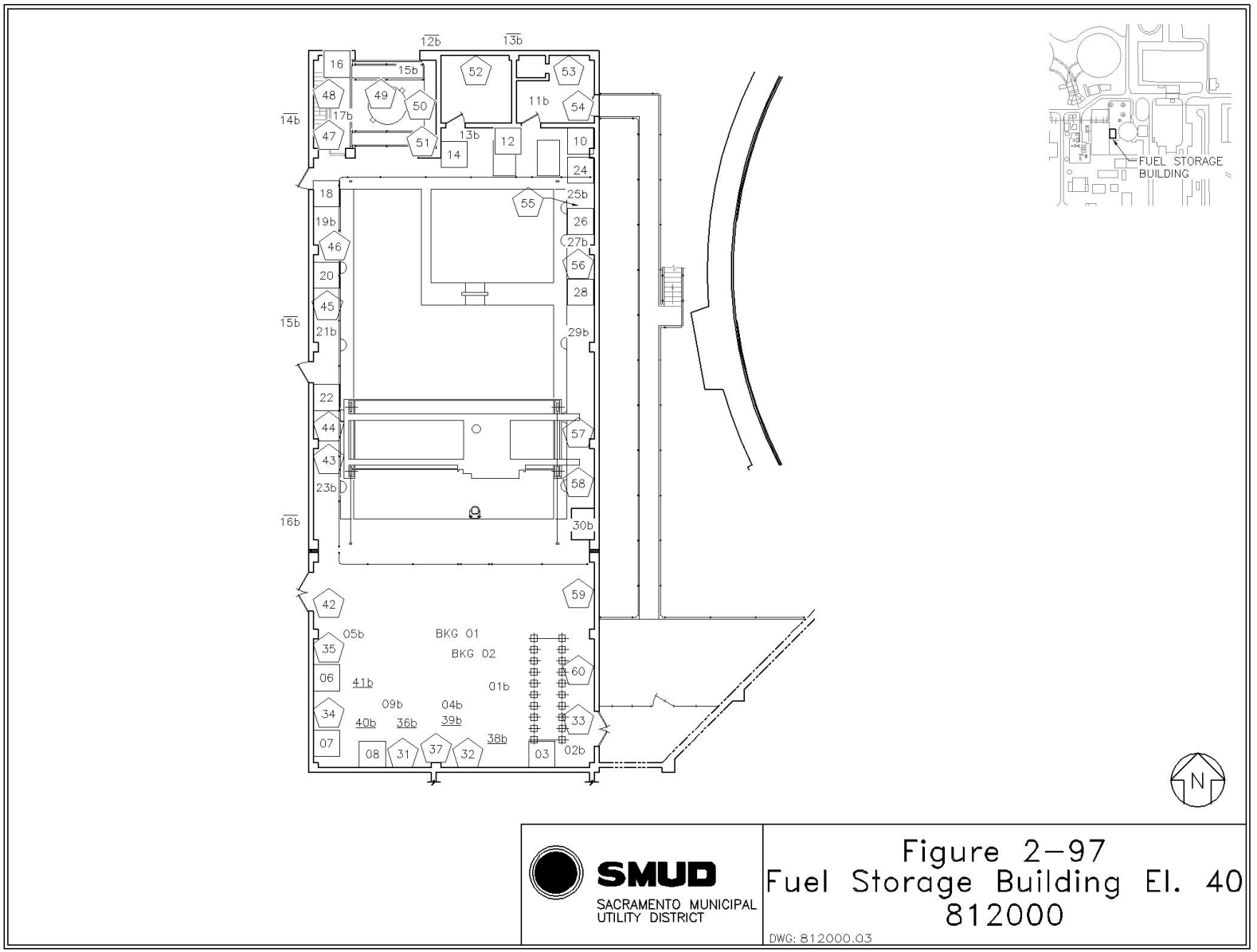

REACTOR BUILDING
STEAM GENERATOR
HYDROGEN RECOMBINER
REACTOR MISSILE SHIELD
STEAM GENERATOR
HYDROGEN RECOMBINER
PRESSURIZER
UPPER/LOWER WALLS
MEAN. 54,500
MAXIM 274,100
N
UPPER/LOWER WALLS
MEAN. 70,100
MAXIM 187,900
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-92
Reactor Building El. 60
811000
DWG: 811000.05

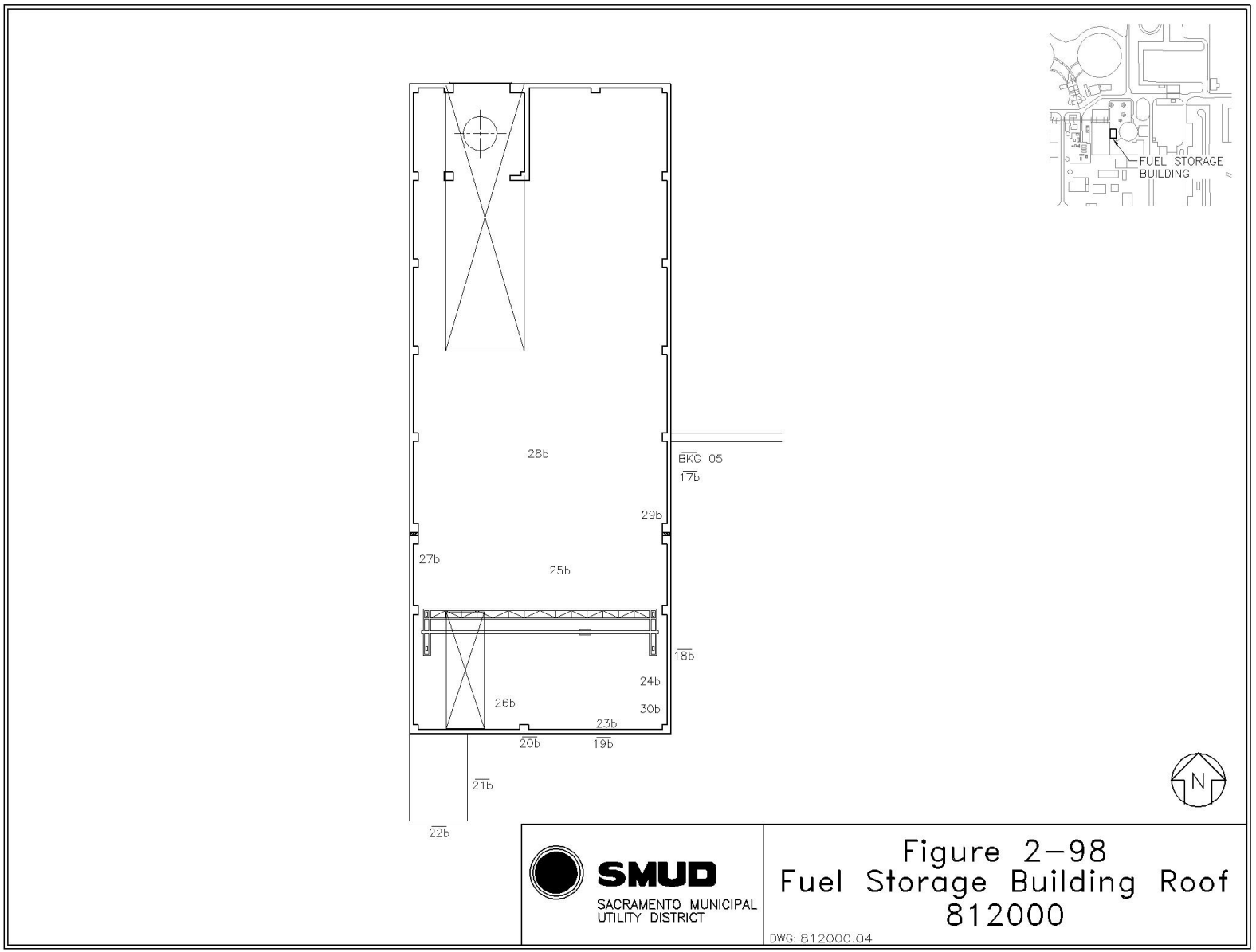

03b
04b
02b
05b
01b
BKG 01
FUEL STORAGE BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-93
Fuel Storage Bldg Exterior El. 0
812000
DWG: 812000.01

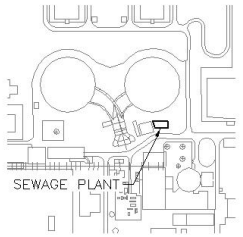

DS06
–DS11
DS12
–DS17
DS22
–DS27
UPENDER PIT
S.F. POOL
DS01
–DS05
DS18
–DS21
DS36
–DS41
DS32
–DS35
DS26
–DS31
DS20
–DS25
* DS14
–DS19
* DS01
–DS04
* DS05
–DS09
* DS10
–DS13B
FUEL STORAGE
BUILDING
NOTE: SOIL SAMPLE LOCATIONS
* INDICATES NRC SPLIT SAMPLE/LOCATION.
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2–94
Fuel Storage Bldg Subsoil El. 0
812000
DWG: 812000.01

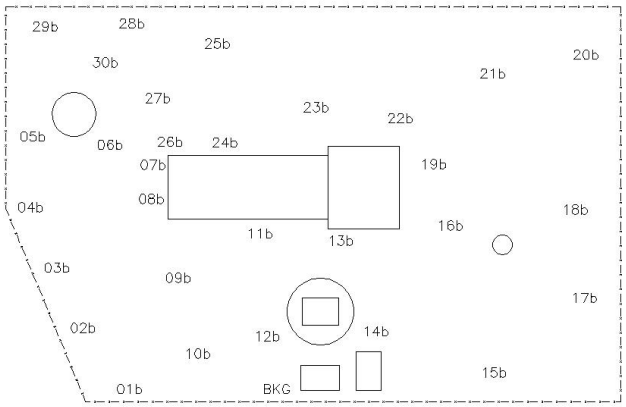

UPENDER PIT
S.F. POOL
52 53
56 57
50 51
58 59
48 49
54 55
46 47
44 45
42 43
40 41
73
34 35
36 37
38 39
FUEL STORAGE BUILDING
N
CONCRETE SCABBLE SAMPLE LOCATIONS
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-95
Fuel Storage Building El. 0
812000
DWG: 812000.01


FUEL STORAGE BUILDING
07b
08b
09b
SPENT FUEL STORAGE POOL
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2–96
Fuel Storage Building El. 20
812000
DWG: 812000.02


12b
13b
16
15b
52
53
48
49
50
11b
54
14b
17b
47
51
13b
12
10
14
24
18
55
25b
19b
26
46
27b
56
20
28
45
15b
21b
29b
22
44
57
43
58
23b
16b
30b
59
42
05b
BKG 01
35
BKG 02
60
06
41b
01b
09b
04b
34
40b
36b
39b
33
38b
07
08
31
37
32
03
02b
FUEL STORAGE BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-97
Fuel Storage Building El. 40
812000
DWG: 812000.03


FUEL STORAGE BUILDING
28b
BKG 05
17b
29b
27b
25b
18b
24b
26b
30b
23b
20b
19b
21b
22b
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-98
Fuel Storage Building Roof
812000
DWG: 812000.04

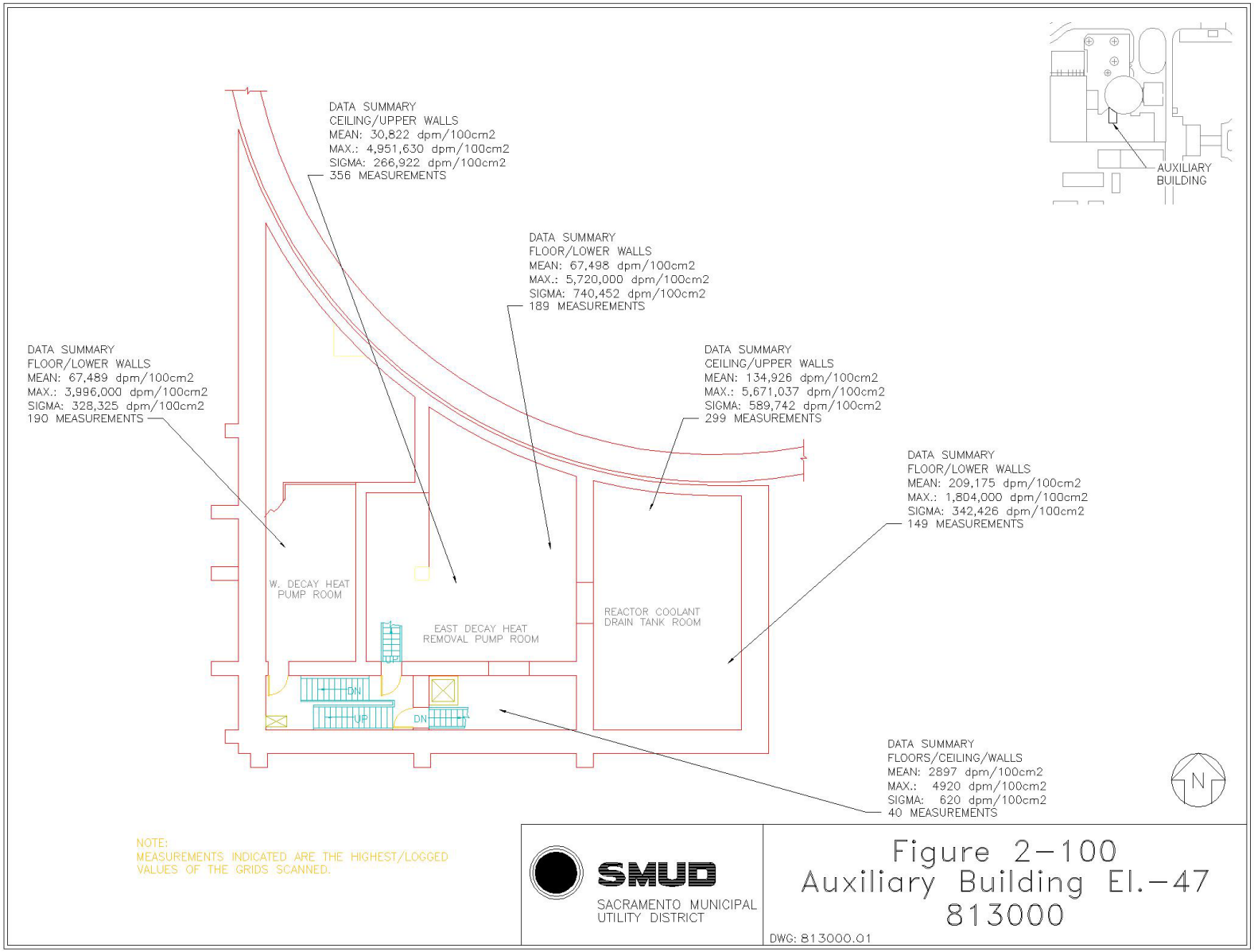


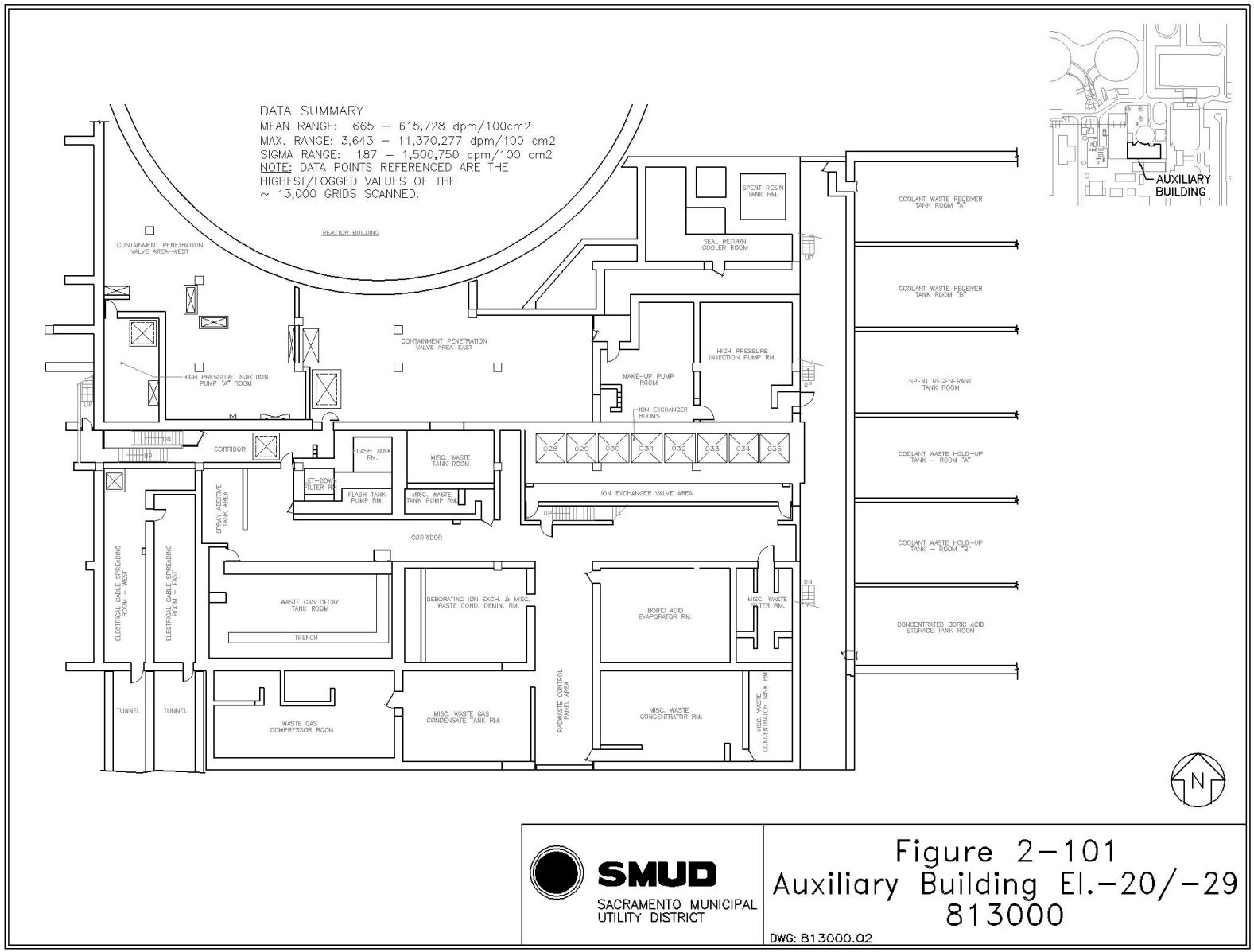


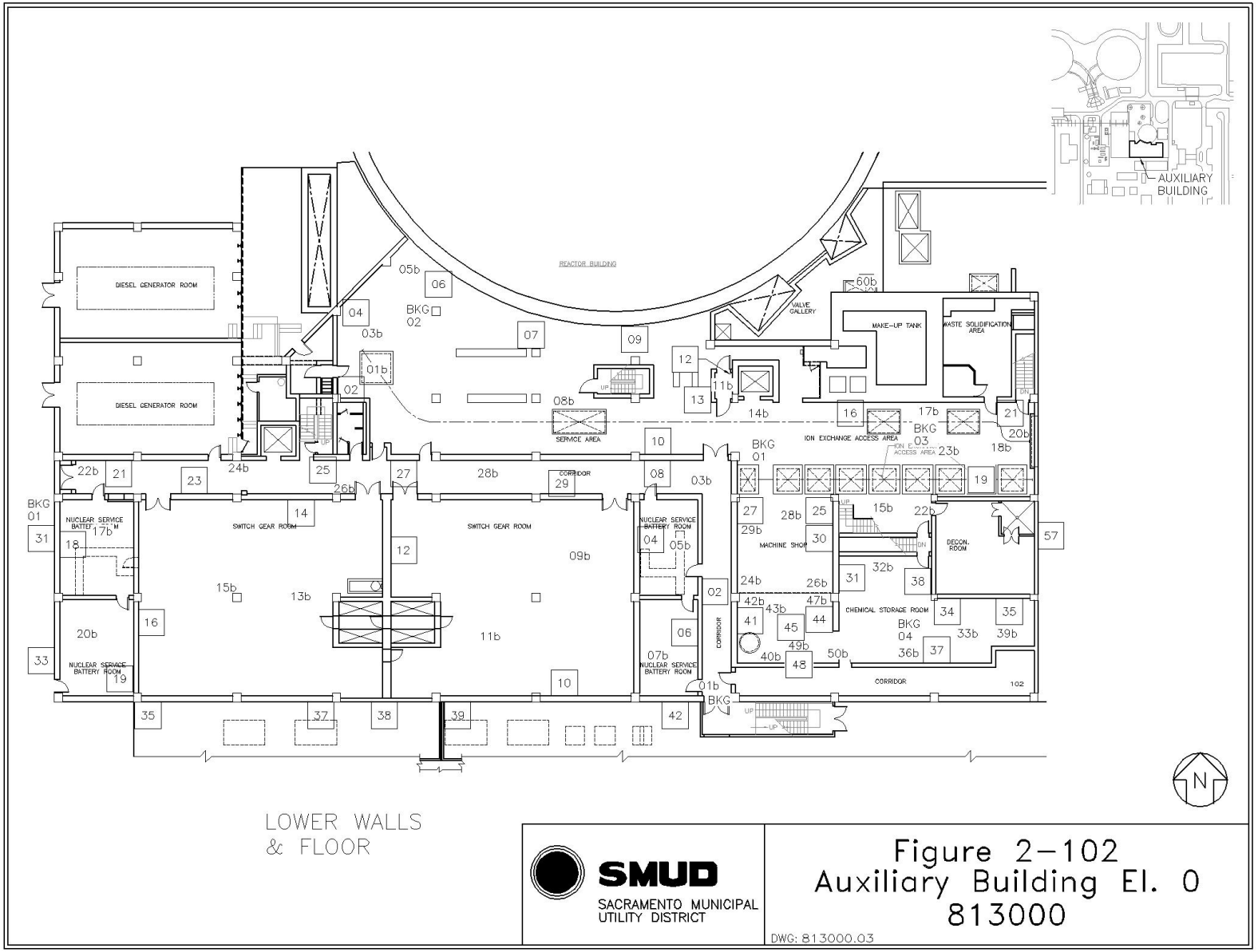
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT

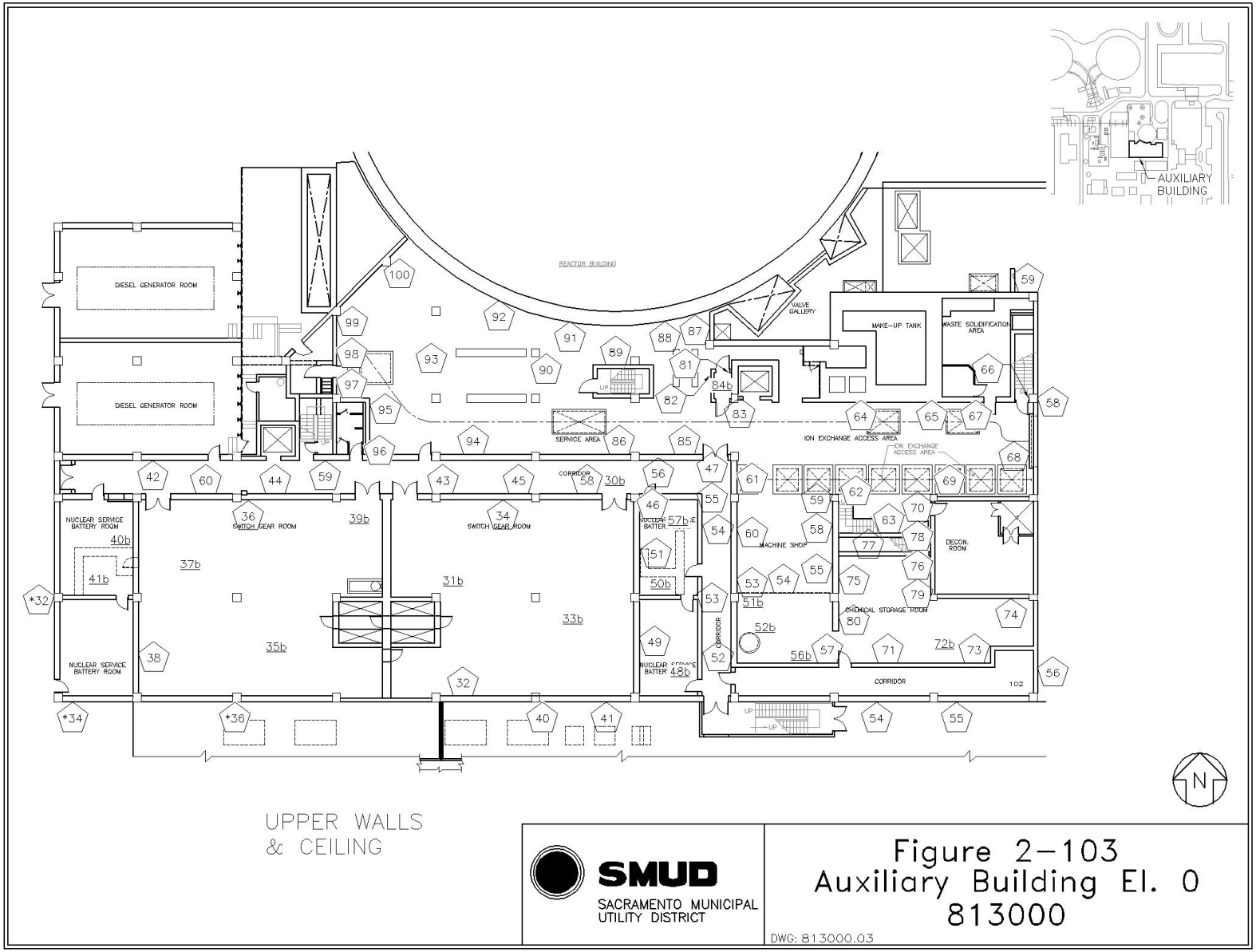
Figure 2–99
Sewage Plant
809001

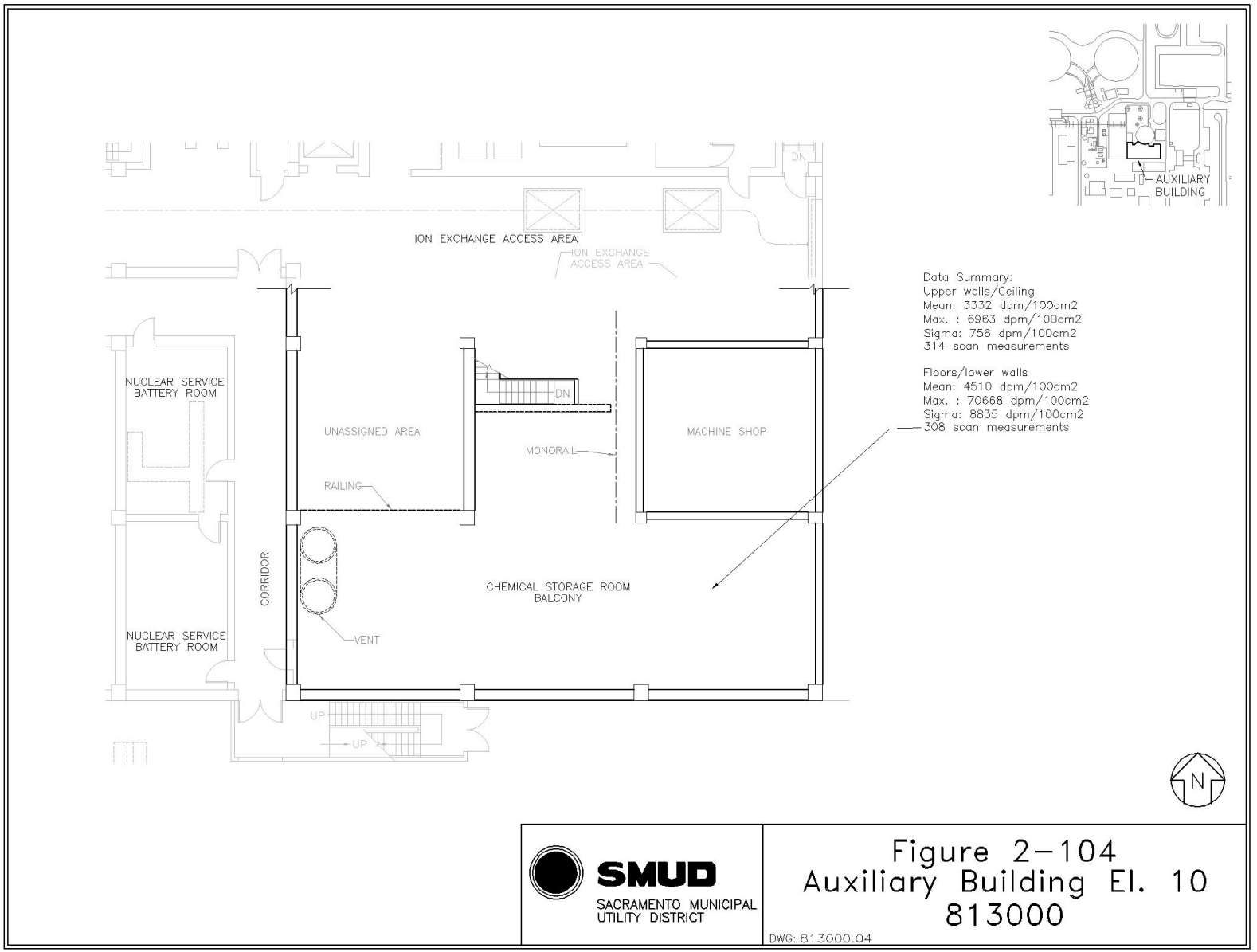
DWG: 809001.01

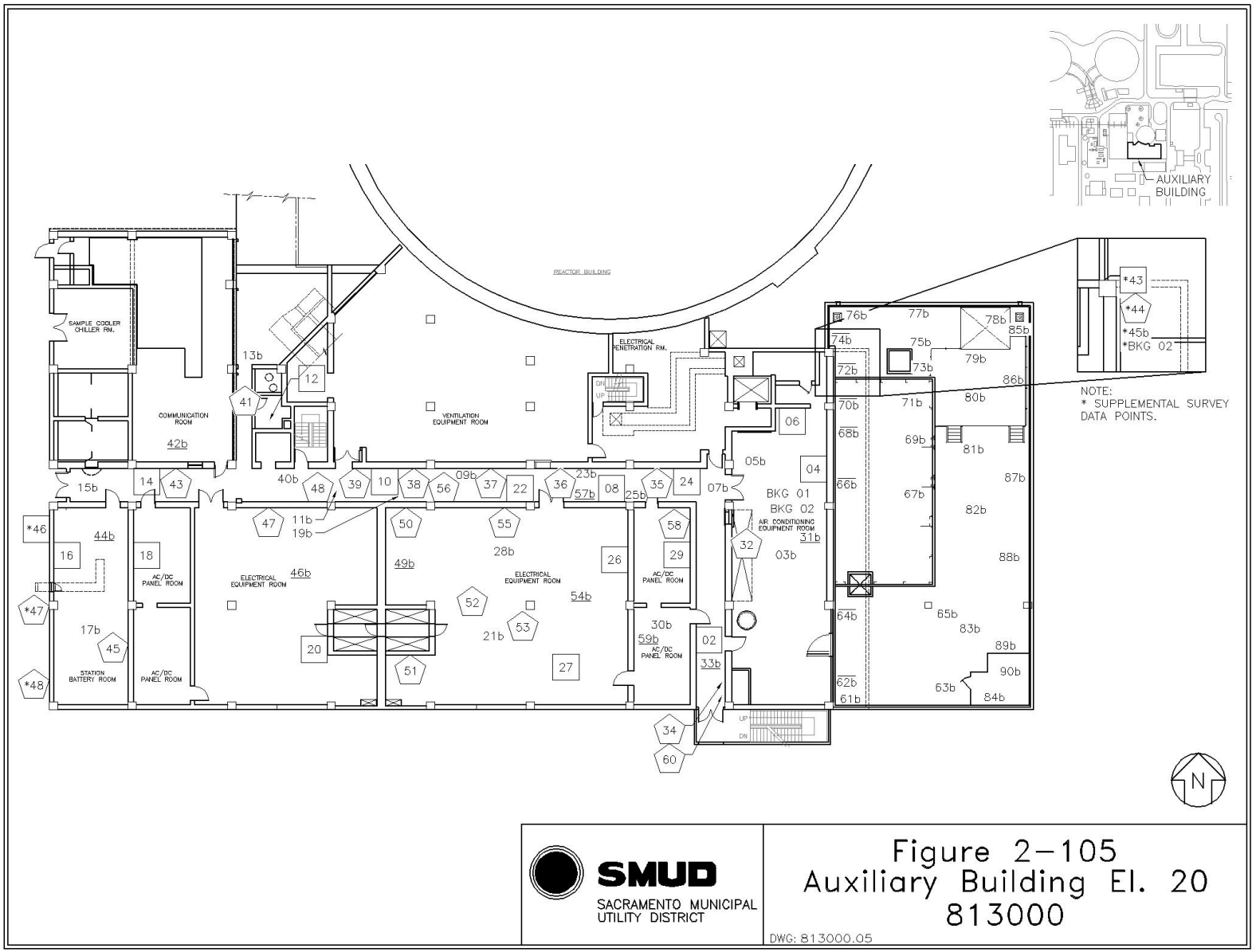

DATA SUMMARY
CEILING/UPPER WALLS
MEAN: 30,822 dpm/100cm2
MAX.: 4,951,630 dpm/100cm2
SIGMA: 266,922 dpm/100cm2
356 MEASUREMENTS
DATA SUMMARY
FLOOR/LOWER WALLS
MEAN: 67,498 dpm/100cm2
MAX.: 5,720,000 dpm/100cm2
SIGMA: 740,452 dpm/100cm2
189 MEASUREMENTS
DATA SUMMARY
FLOOR/LOWER WALLS
MEAN: 67,489 dpm/100cm2
MAX.: 3,996,000 dpm/100cm2
SIGMA: 328,325 dpm/100cm2
190 MEASUREMENTS
DATA SUMMARY
CEILING/UPPER WALLS
MEAN: 134,926 dpm/100cm2
MAX.: 5,671,037 dpm/100cm2
SIGMA: 589,742 dpm/100cm2
299 MEASUREMENTS
DATA SUMMARY
FLOOR/LOWER WALLS
MEAN: 209,175 dpm/100cm2
MAX.: 1,804,000 dpm/100cm2
SIGMA: 342,426 dpm/100cm2
149 MEASUREMENTS
AUXILIARY BUILDING
W. DECAY HEAT PUMP ROOM
EAST DECAY HEAT REMOVAL PUMP ROOM
REACTOR COOLANT DRAIN TANK ROOM
UP
DN
DN
DATA SUMMARY
FLOORS/CEILING/WALLS
MEAN: 2897 dpm/100cm2
MAX.: 4920 dpm/100cm2
SIGMA: 620 dpm/100cm2
40 MEASUREMENTS
N
NOTE:
MEASUREMENTS INDICATED ARE THE HIGHEST/LOGGED VALUES OF THE GRIDS SCANNED.
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-100
Auxiliary Building El.-47
813000
DWG: 813000.01

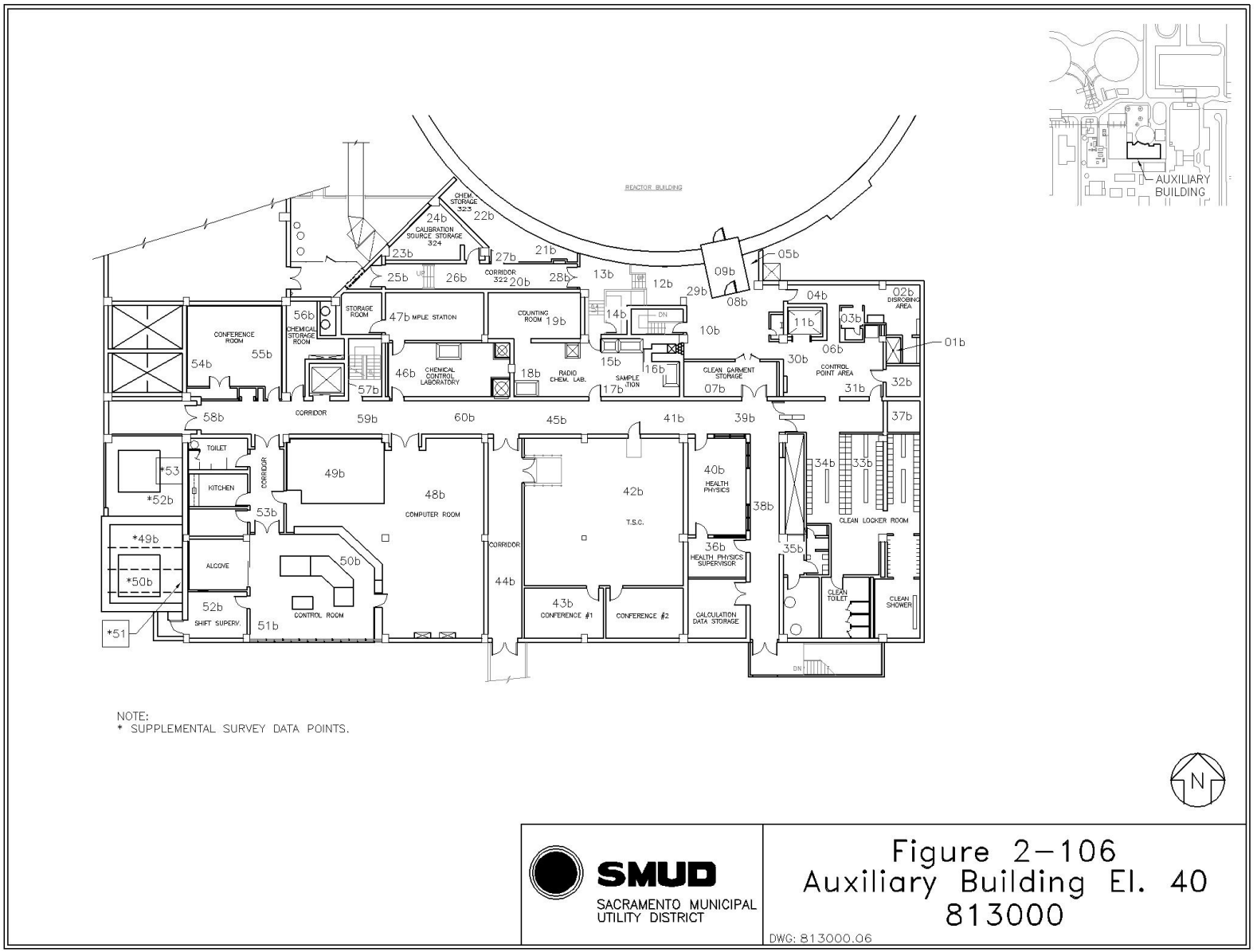

DATA SUMMARY
MEAN RANGE: 665 – 615,728 dpm/100cm2
MAX. RANGE: 3,643 – 11,370,277 dpm/100 cm2
SIGMA RANGE: 187 – 1,500,750 dpm/100 cm2
NOTE: DATA POINTS REFERENCED ARE THE HIGHEST/LOGGED VALUES OF THE ~ 13,000 GRIDS SCANNED.
AUXILIARY BUILDING
REACTOR BUILDING
CONTAINMENT PENETRATION VALVE AREA–WEST
CONTAINMENT PENETRATION VALVE AREA–EAST
HIGH PRESSURE INJECTION PUMP "A" ROOM
SPENT RESIN TANK RM.
SEAL RETURN COOLER ROOM
MAKE–UP PUMP ROOM
HIGH PRESSURE INJECTION PUMP RM.
ION EXCHANGER ROOMS
CORRIDOR
FLASH TANK RM.
MISC. WASTE TANK ROOM
LET–DOWN FILTER RM.
FLASH TANK PUMP RM.
MISC. WASTE TANK PUMP RM.
SPRAY ADDITIVE TANK AREA
ION EXCHANGER VALVE AREA
CORRIDOR
ELECTRICAL CABLE SPREADING ROOM – WEST
ELECTRICAL CABLE SPREADING ROOM – EAST
WASTE GAS DECAY TANK ROOM
TRENCH
DEBORATING ION EXCH. & MISC. WASTE COND. DEMIN. RM.
BORIC ACID EVAPORATOR RM.
MISC. WASTE FILTER RM.
TUNNEL
TUNNEL
WASTE GAS COMPRESSOR ROOM
MISC. WASTE GAS CONDENSATE TANK RM.
RADWASTE CONTROL PANEL AREA
MISC. WASTE CONCENTRATOR RM.
MISC. WASTE CONCENTRATOR TANK RM.
COOLANT WASTE RECEIVER TANK ROOM "A"
COOLANT WASTE RECEIVER TANK ROOM "B"
SPENT REGENERANT TANK ROOM
COOLANT WASTE HOLD–UP TANK – ROOM "A"
COOLANT WASTE HOLD–UP TANK – ROOM "B"
CONCENTRATED BORIC ACID STORAGE TANK ROOM
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2–101
Auxiliary Building El.–20/–29
813000
DWG: 813000.02

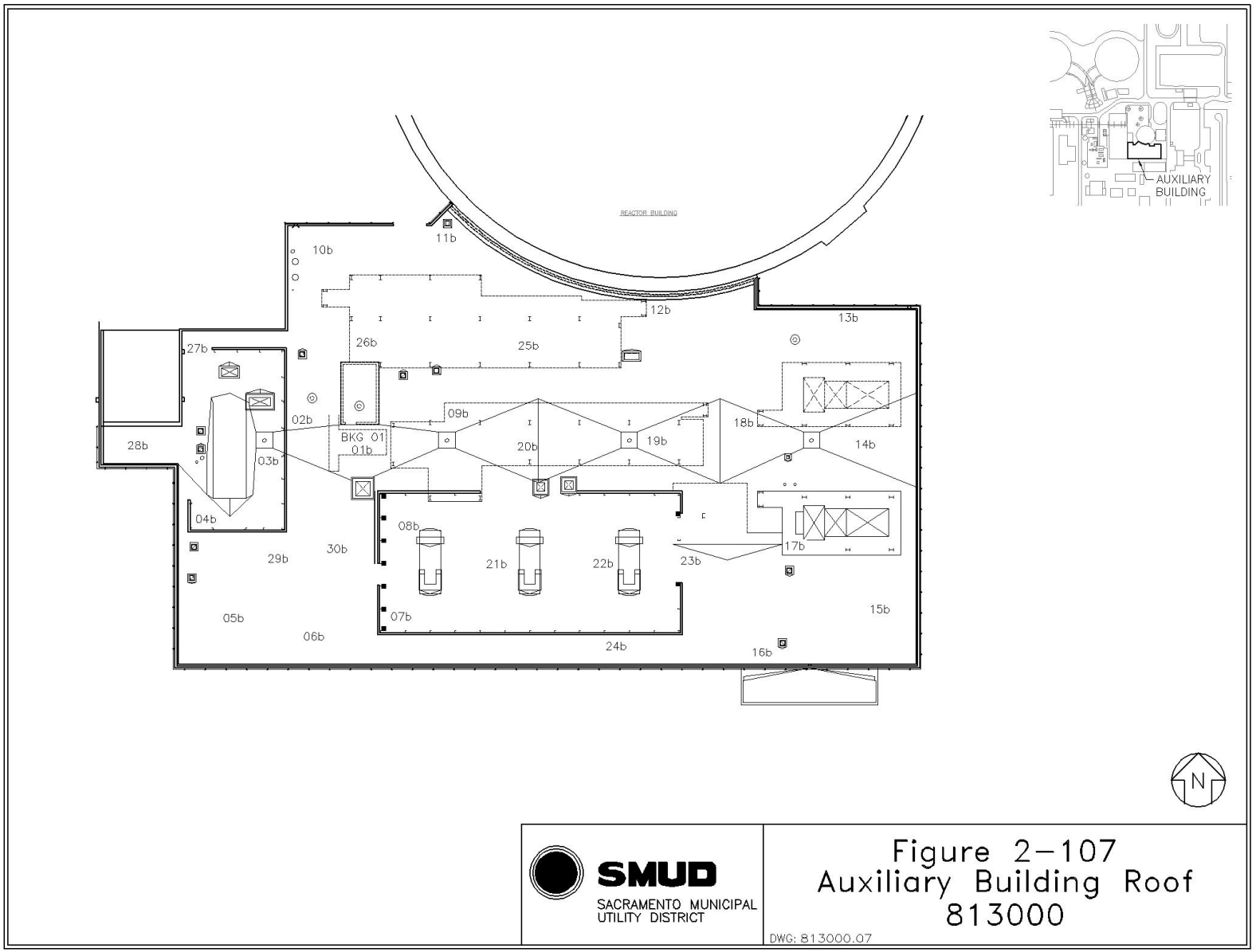

AUXILIARY BUILDING
REACTOR BUILDING
DIESEL GENERATOR ROOM
DIESEL GENERATOR ROOM
VALVE GALLERY
MAKE-UP TANK
WASTE SOLIDIFICATION AREA
SERVICE AREA
ION EXCHANGE ACCESS AREA
CORRIDOR
SWITCH GEAR ROOM
SWITCH GEAR ROOM
NUCLEAR SERVICE BATTERY ROOM
NUCLEAR SERVICE BATTERY ROOM
NUCLEAR SERVICE BATTERY ROOM
MACHINE SHOP
DECON. ROOM
CHEMICAL STORAGE ROOM
CORRIDOR
CORRIDOR
BKG 01
BKG 02
BKG 03
BKG 04
BKG 01
N
LOWER WALLS & FLOOR
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-102
Auxiliary Building El. 0
813000
DWG: 813000.03

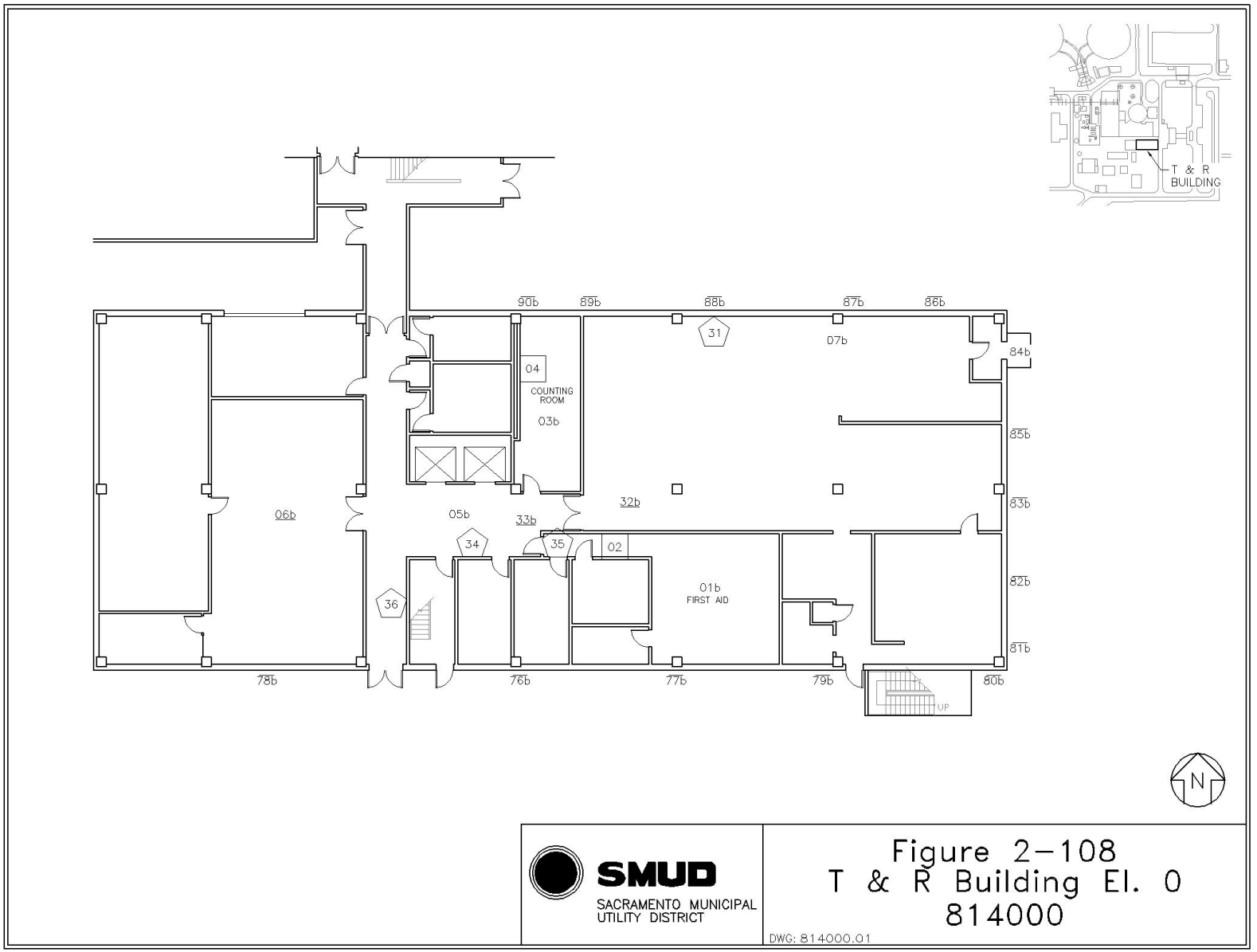

AUXILIARY BUILDING
REACTOR BUILDING
DIESEL GENERATOR ROOM
DIESEL GENERATOR ROOM
VALVE GALLERY
MAKE-UP TANK
WASTE SOLIDIFICATION AREA
SERVICE AREA
ION EXCHANGE ACCESS AREA
ION EXCHANGE ACCESS AREA
CORRIDOR
NUCLEAR SERVICE BATTERY ROOM
SWITCH GEAR ROOM
SWITCH GEAR ROOM
NUCLEAR BATTERY
MACHINE SHOP
DECON. ROOM
CHEMICAL STORAGE ROOM
NUCLEAR SERVICE BATTERY ROOM
NUCLEAR BATTERY
CORRIDOR
CORRIDOR
102
UP
UP
UP
N
UPPER WALLS
& CEILING
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-103
Auxiliary Building El. 0
813000
DWG: 813000.03

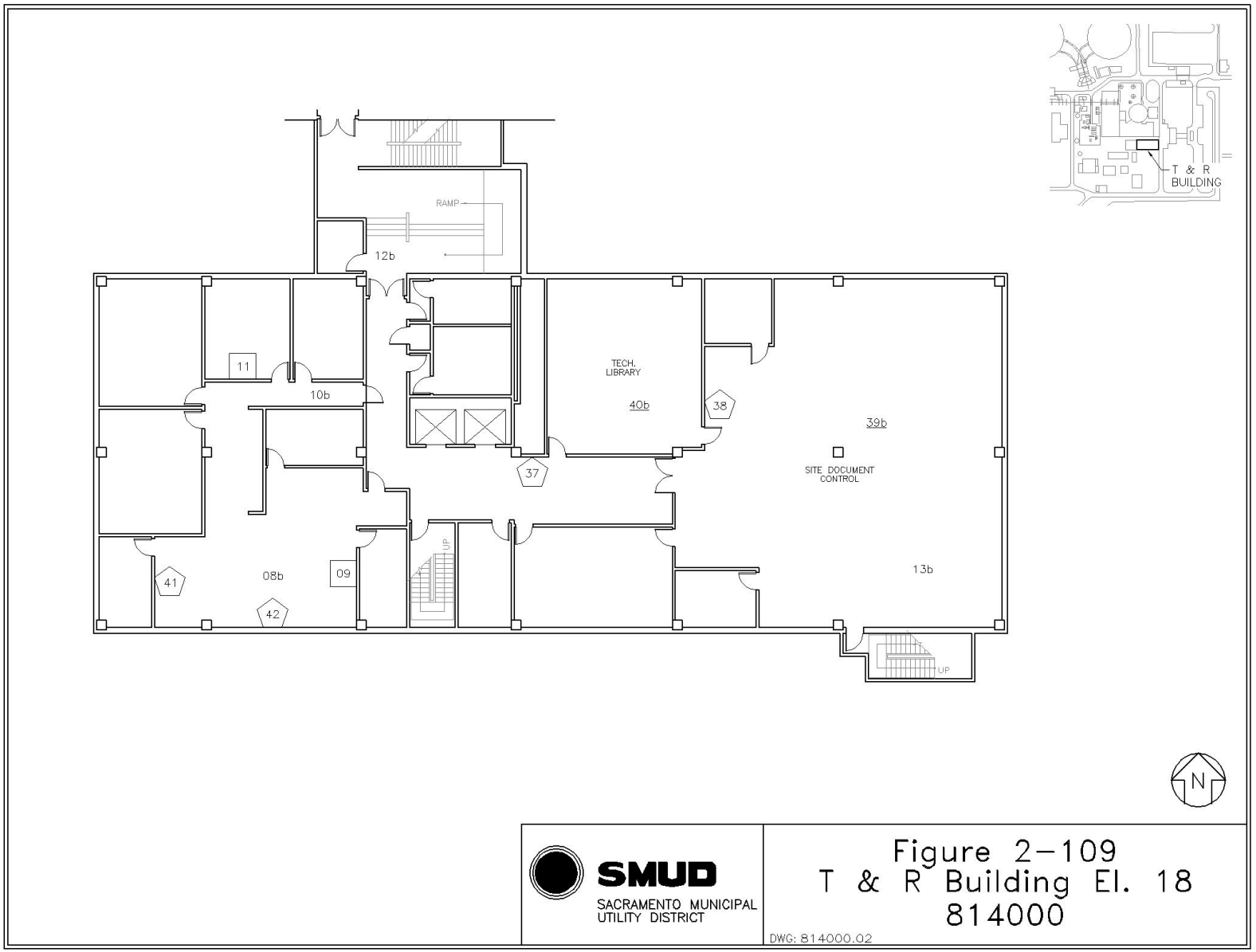

AUXILIARY BUILDING
ION EXCHANGE ACCESS AREA
ION EXCHANGE ACCESS AREA
DN
NUCLEAR SERVICE BATTERY ROOM
UNASSIGNED AREA
DN
MONORAIL
MACHINE SHOP
RAILING
CORRIDOR
CHEMICAL STORAGE ROOM BALCONY
VENT
NUCLEAR SERVICE BATTERY ROOM
UP
UP
Data Summary:
Upper walls/Ceiling
Mean: 3332 dpm/100cm2
Max. : 6963 dpm/100cm2
Sigma: 756 dpm/100cm2
314 scan measurements
Floors/lower walls
Mean: 4510 dpm/100cm2
Max. : 70668 dpm/100cm2
Sigma: 8835 dpm/100cm2
308 scan measurements
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-104
Auxiliary Building El. 10
813000
DWG: 813000.04

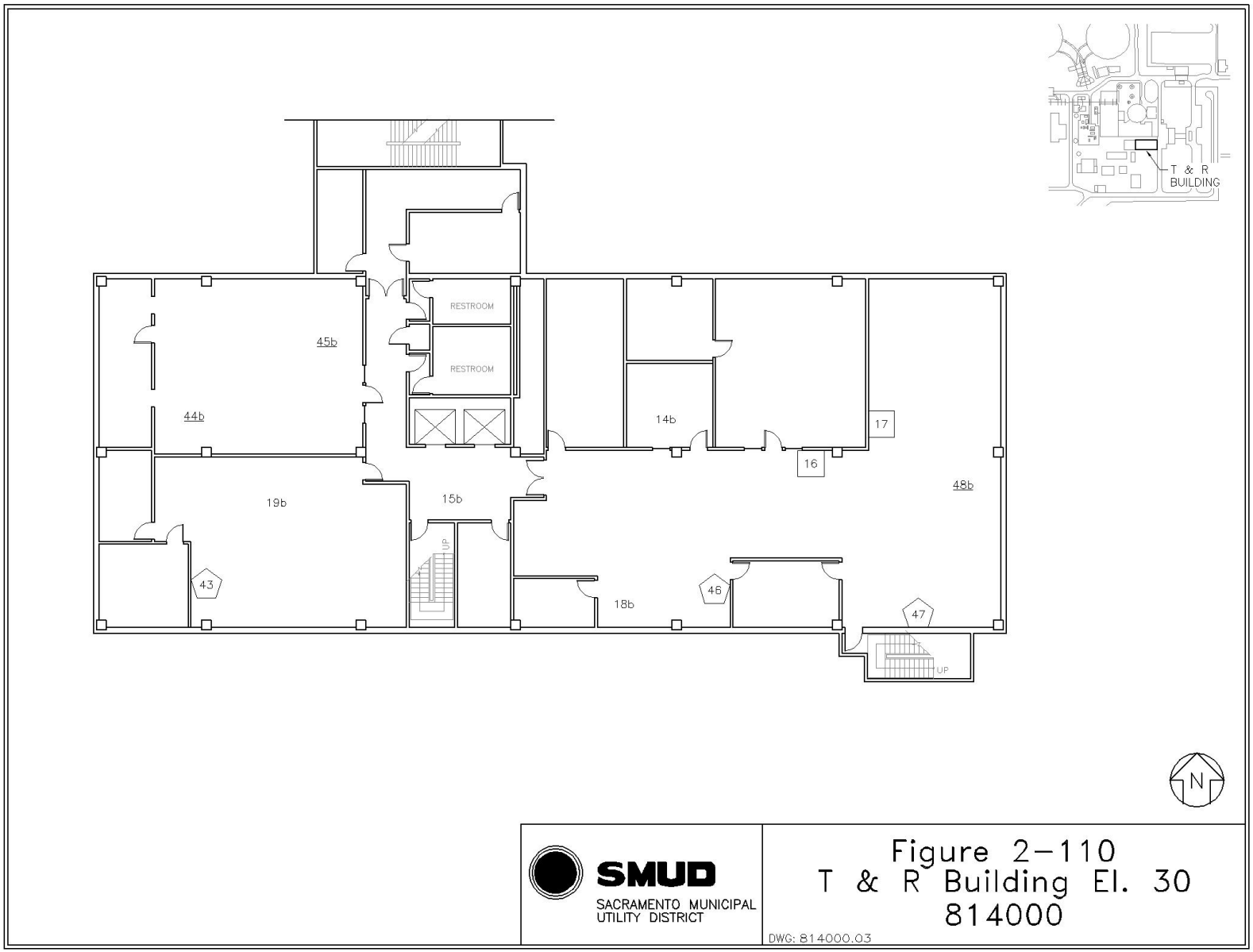

AUXILIARY BUILDING
REACTOR BUILDING
SAMPLE COOLER CHILLER RM.
COMMUNICATION ROOM
42b
VENTILATION EQUIPMENT ROOM
ELECTRICAL PENETRATION RM.
ELECTRICAL EQUIPMENT ROOM
AC/DC PANEL ROOM
STATION BATTERY ROOM
AIR CONDITIONING EQUIPMENT ROOM
BKG 01
BKG 02
*43
*44
*45b
*BKG 02
NOTE:
* SUPPLEMENTAL SURVEY DATA POINTS.
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-105
Auxiliary Building El. 20
813000
DWG: 813000.05

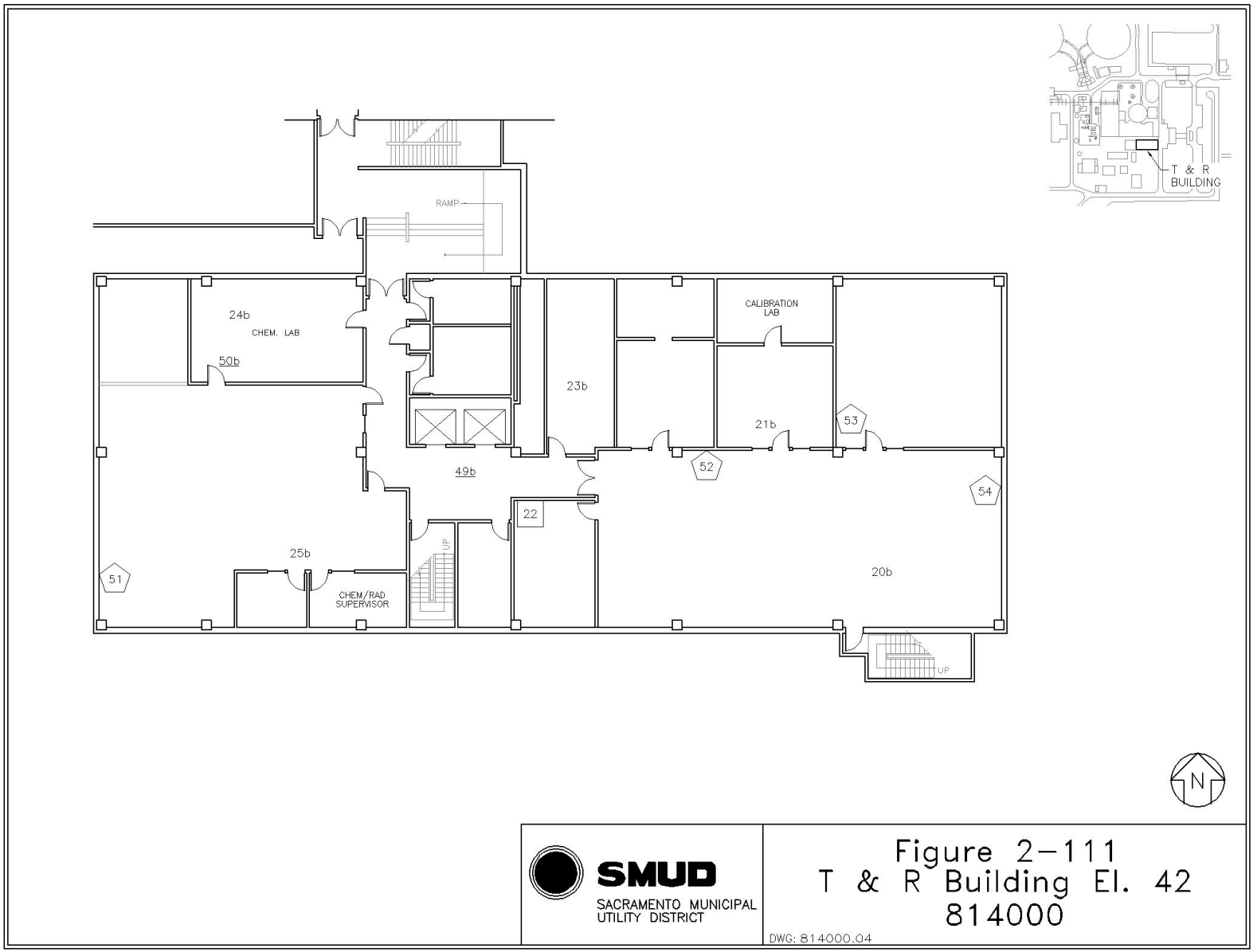

AUXILIARY BUILDING
REACTOR BUILDING
CHEM. STORAGE 323
CALIBRATION SOURCE STORAGE 324
CORRIDOR 322
CONFERENCE ROOM
CHEMICAL STORAGE ROOM
STORAGE ROOM
COUNTING ROOM
CHEMICAL CONTROL LABORATORY
RADIO CHEM. LAB.
SAMPLE TION
CLEAN GARMENT STORAGE
CONTROL POINT AREA
DISROBING AREA
CORRIDOR
TOILET
KITCHEN
CORRIDOR
COMPUTER ROOM
ALCOVE
SHIFT SUPERV.
CONTROL ROOM
CORRIDOR
T.S.C.
HEALTH PHYSICS
HEALTH PHYSICS SUPERVISOR
CONFERENCE #1
CONFERENCE #2
CALCULATION DATA STORAGE
CLEAN LOCKER ROOM
CLEAN TOILET
CLEAN SHOWER
NOTE:
* SUPPLEMENTAL SURVEY DATA POINTS.
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-106
Auxiliary Building El. 40
813000
DWG: 813000.06

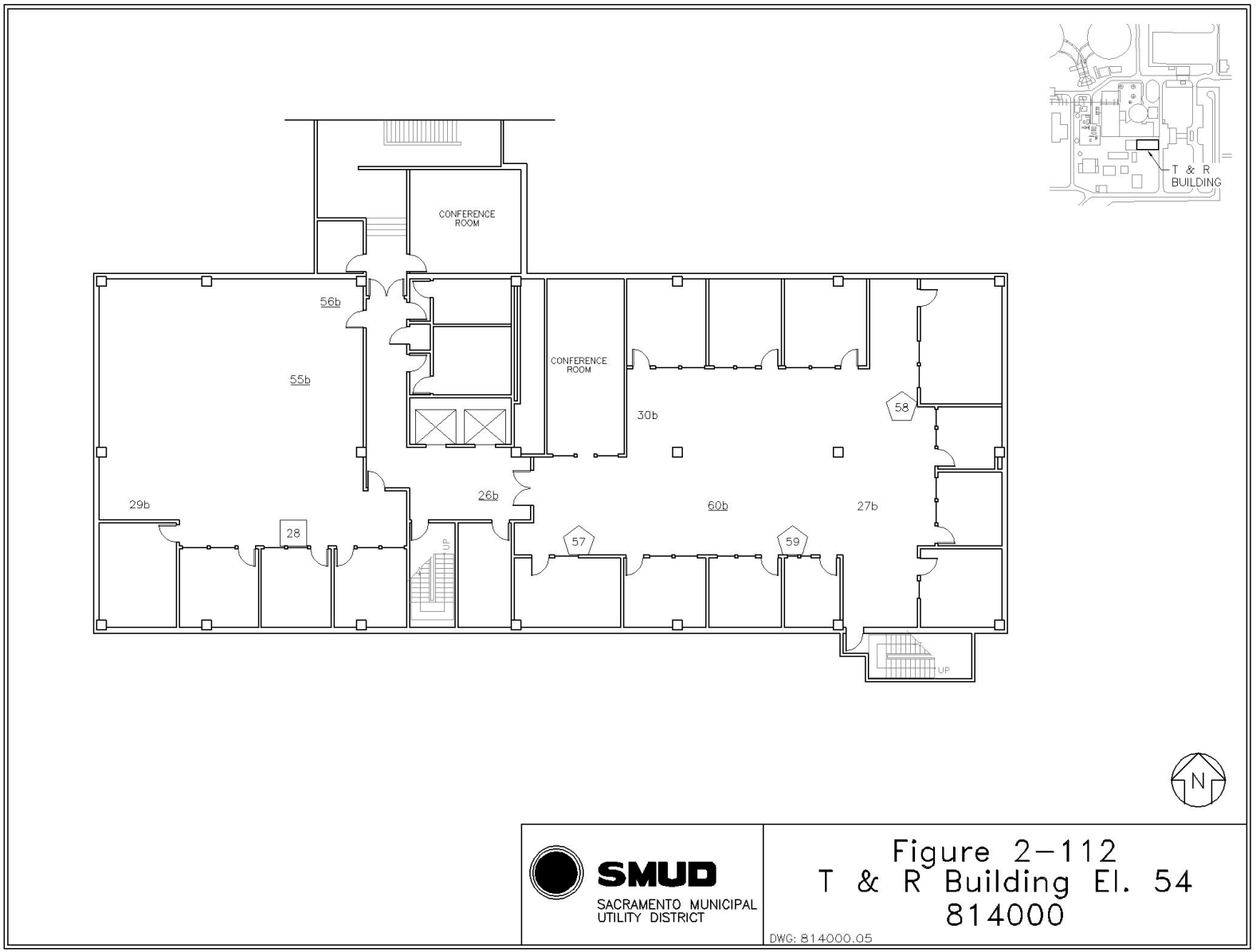

AUXILIARY BUILDING
REACTOR BUILDING
10b
11b
12b
13b
26b
25b
27b
02b
09b
18b
28b
BKG 01
01b
20b
19b
14b
03b
04b
08b
30b
29b
21b
22b
23b
17b
15b
05b
07b
06b
24b
16b
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-107
Auxiliary Building Roof
813000
DWG: 813000.07

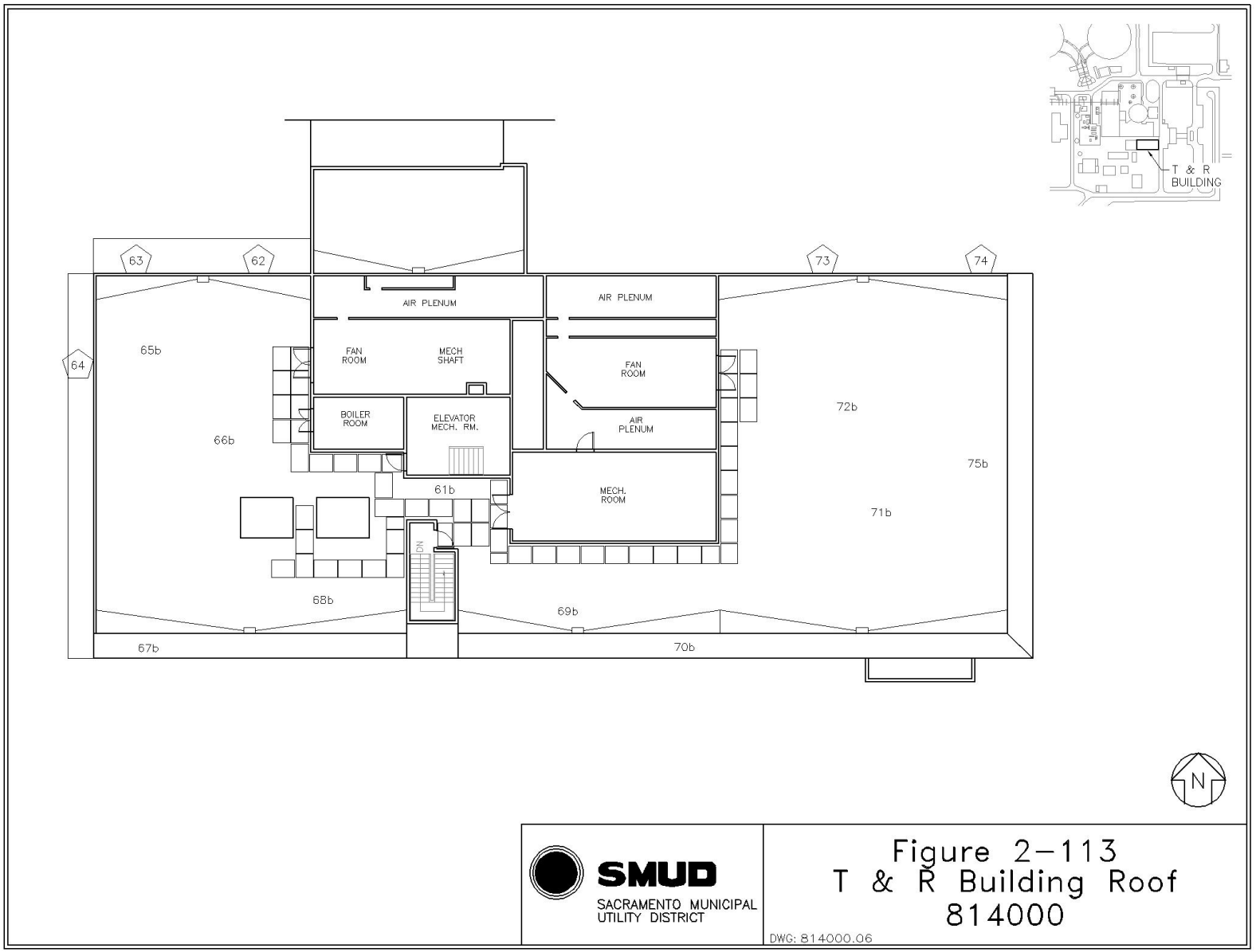

T & R BUILDING
90b
89b
88b
87b
86b
31
07b
84b
04
COUNTING ROOM
03b
85b
06b
05b
33b
32b
83b
34
35
02
01b
FIRST AID
82b
36
81b
78b
76b
77b
79b
80b
UP
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-108
T & R Building El. 0
814000
DWG: 814000.01

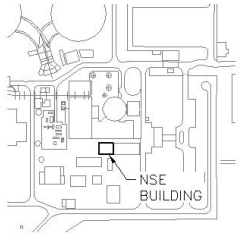

T & R BUILDING
RAMP
12b
11
10b
TECH. LIBRARY
40b
38
39b
37
SITE DOCUMENT CONTROL
13b
41
08b
09
42
UP
UP
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-109
T & R Building El. 18
814000
DWG: 814000.02

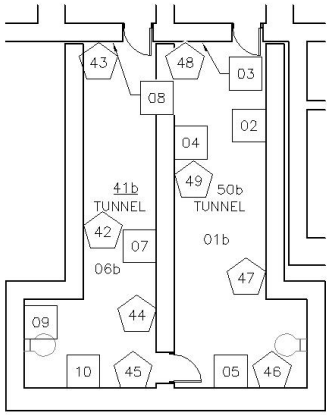

T & R BUILDING
RESTROOM
RESTROOM
45b
44b
14b
17
16
48b
19b
15b
UP
43
18b
46
47
UP
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-110
T & R Building El. 30
814000
DWG: 814000.03


T & R BUILDING
RAMP
24b
CHEM. LAB
50b
CALIBRATION LAB
23b
21b
53
52
49b
54
22
25b
51
CHEM/RAD SUPERVISOR
UP
20b
UP
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-111
T & R Building El. 42
814000
DWG: 814000.04


T & R BUILDING
CONFERENCE ROOM
56b
55b
CONFERENCE ROOM
30b
58
29b
26b
60b
27b
28
57
59
UP
UP
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-112
T & R Building El. 54
814000
DWG: 814000.05


T & R BUILDING
63
62
73
74
64
65b
AIR PLENUM
AIR PLENUM
FAN ROOM
MECH SHAFT
FAN ROOM
BOILER ROOM
ELEVATOR MECH. RM.
AIR PLENUM
72b
66b
75b
61b
MECH. ROOM
71b
DN
68b
69b
67b
70b
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-113
T & R Building Roof
814000
DWG: 814000.06

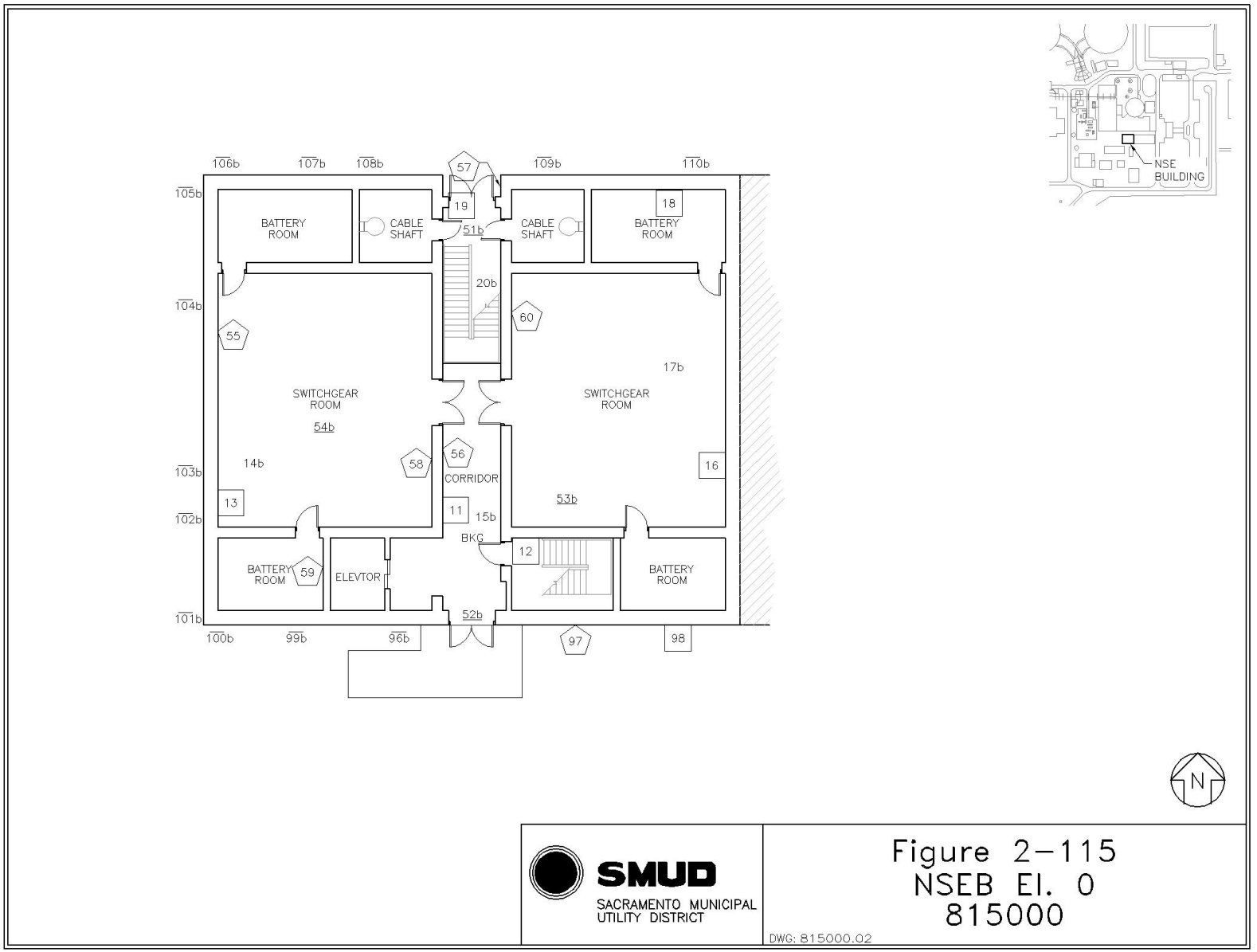


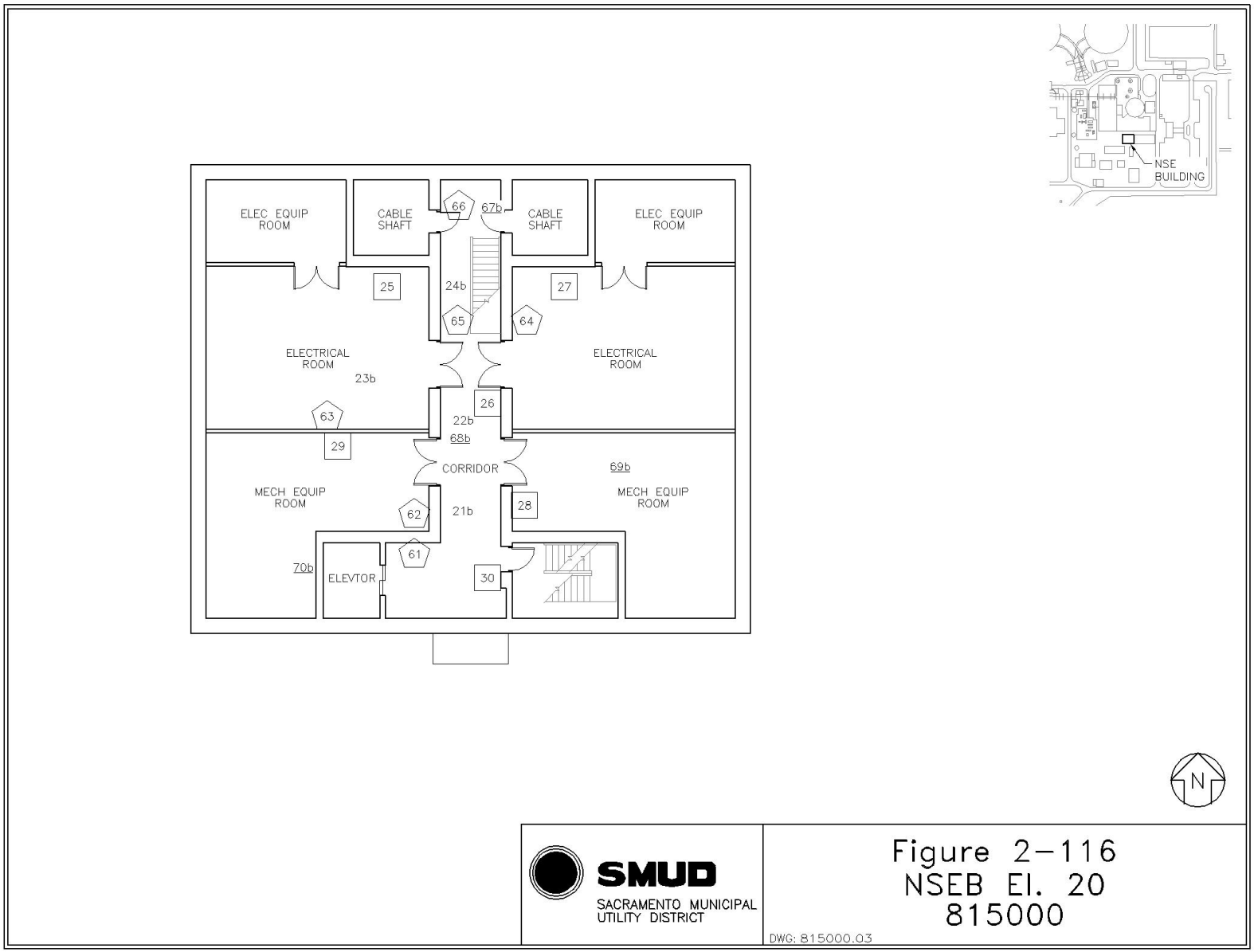


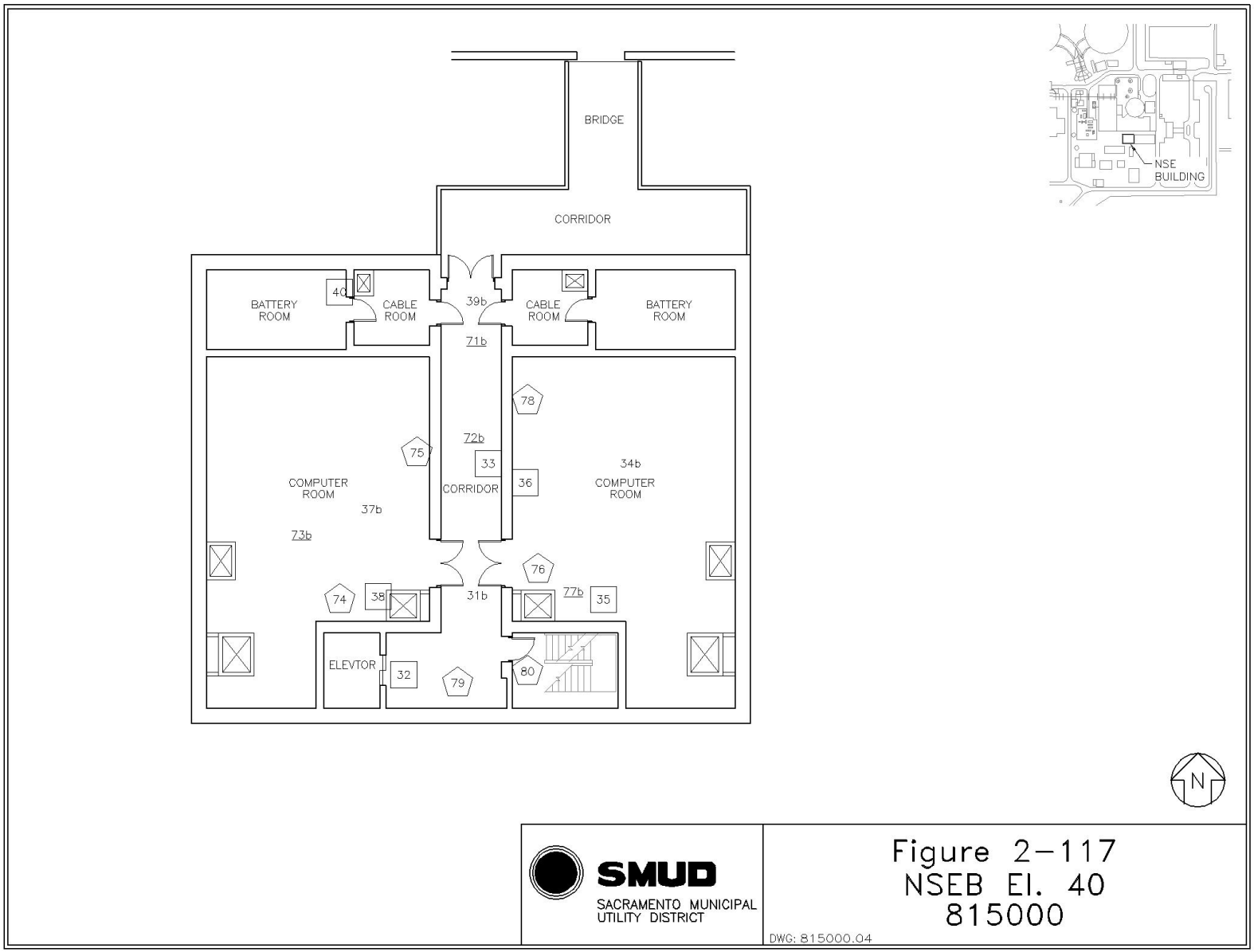
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT

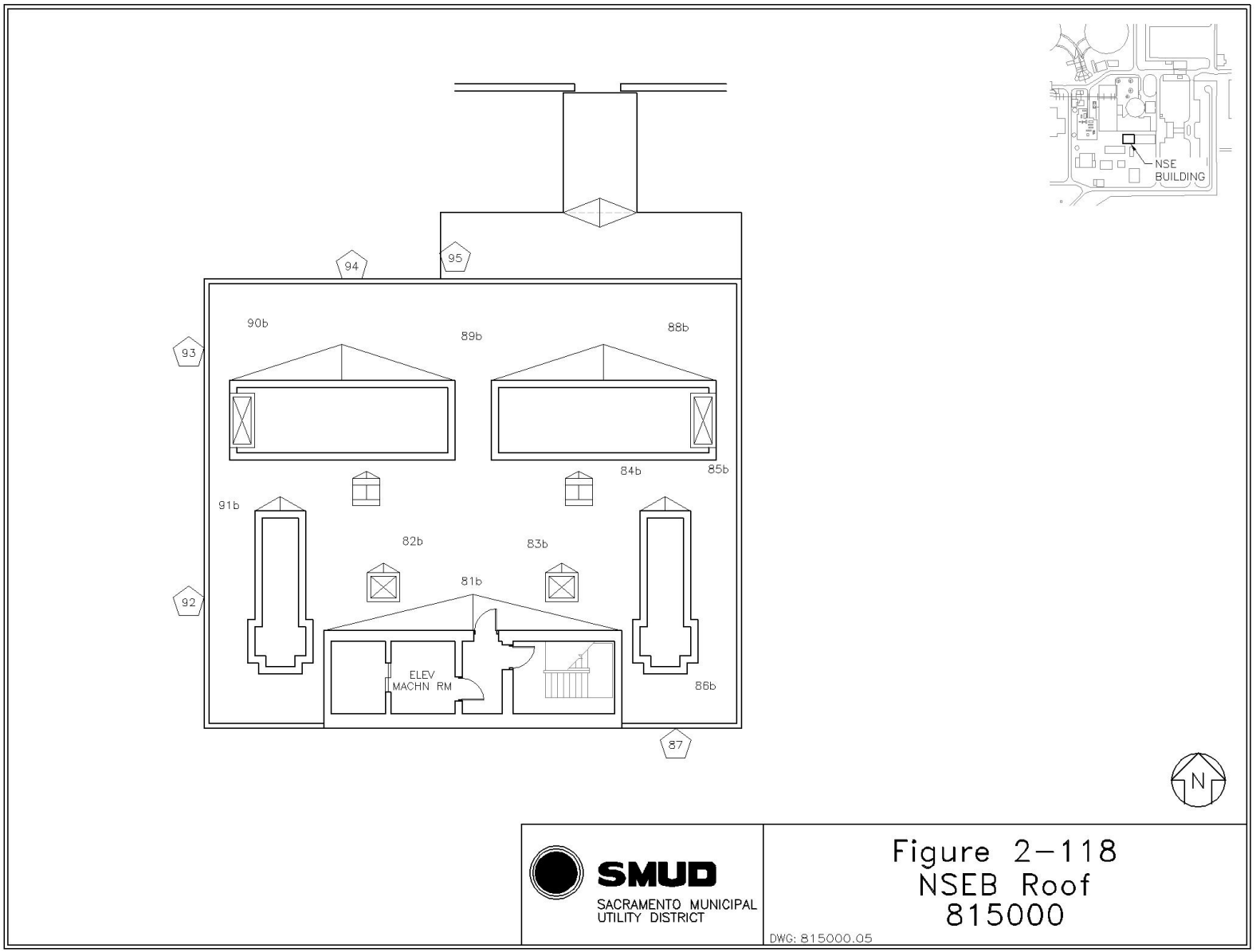
Figure 2-114
NSEB El. -20
815000

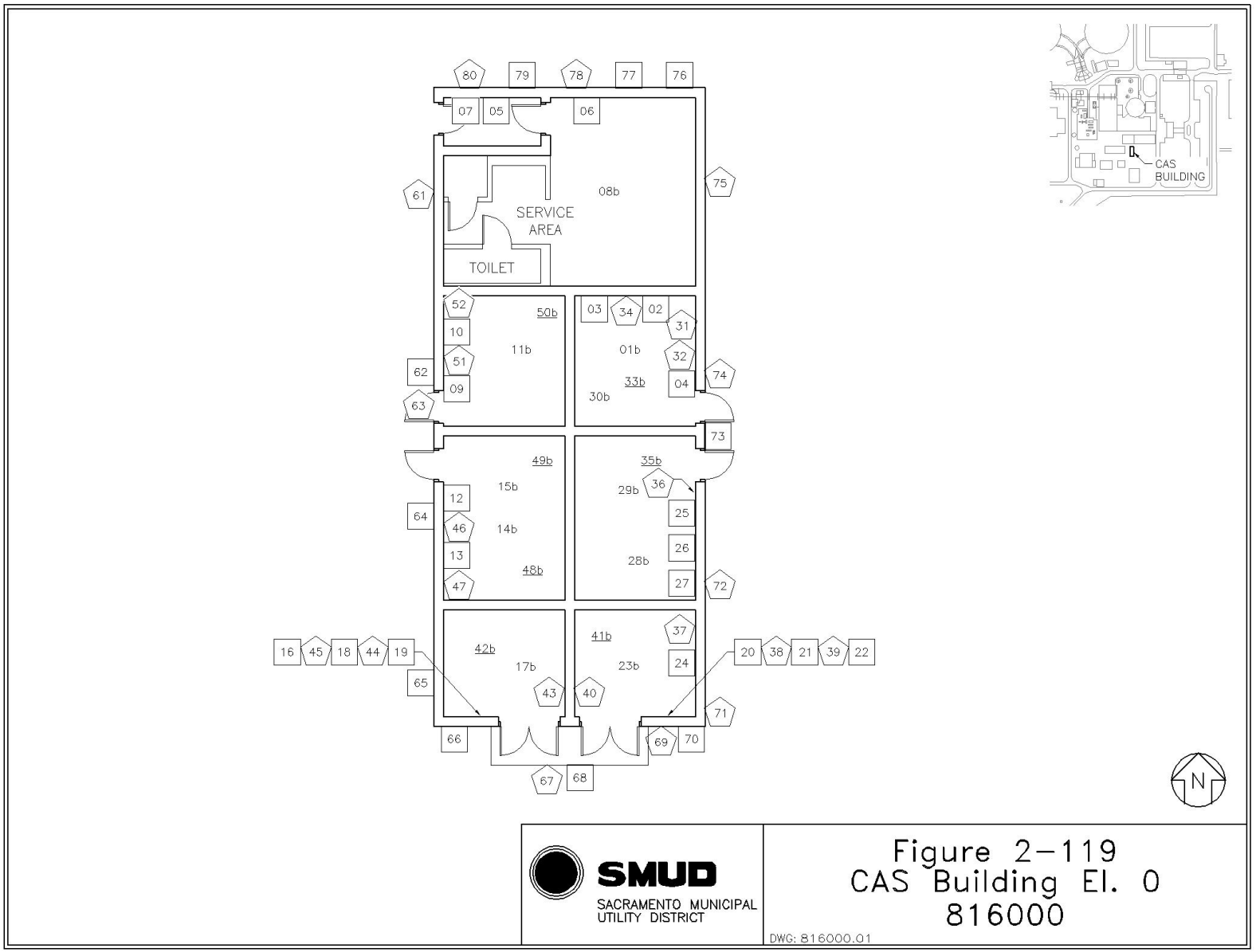
DWG: 815000.01

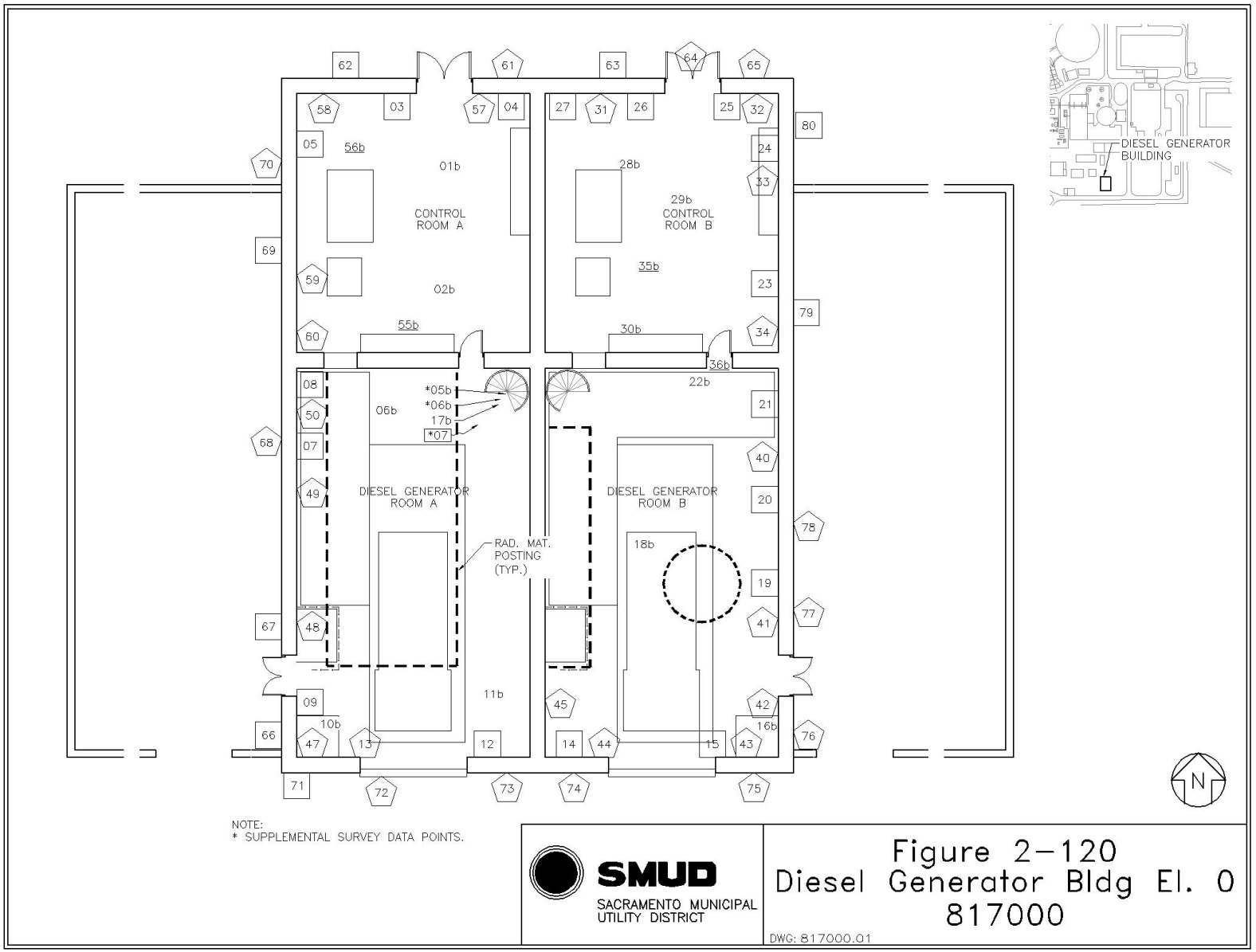

NSE BUILDING
106b
107b
108b
57
109b
110b
105b
BATTERY ROOM
CABLE SHAFT
19
51b
CABLE SHAFT
18
BATTERY ROOM
20b
104b
55
60
17b
SWITCHGEAR ROOM
54b
SWITCHGEAR ROOM
14b
58
56
CORRIDOR
16
103b
13
11
15b
53b
102b
BKG
12
BATTERY ROOM
59
ELEVTOR
BATTERY ROOM
101b
52b
100b
99b
96b
97
98
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-115
NSEB El. 0
815000
DWG: 815000.02

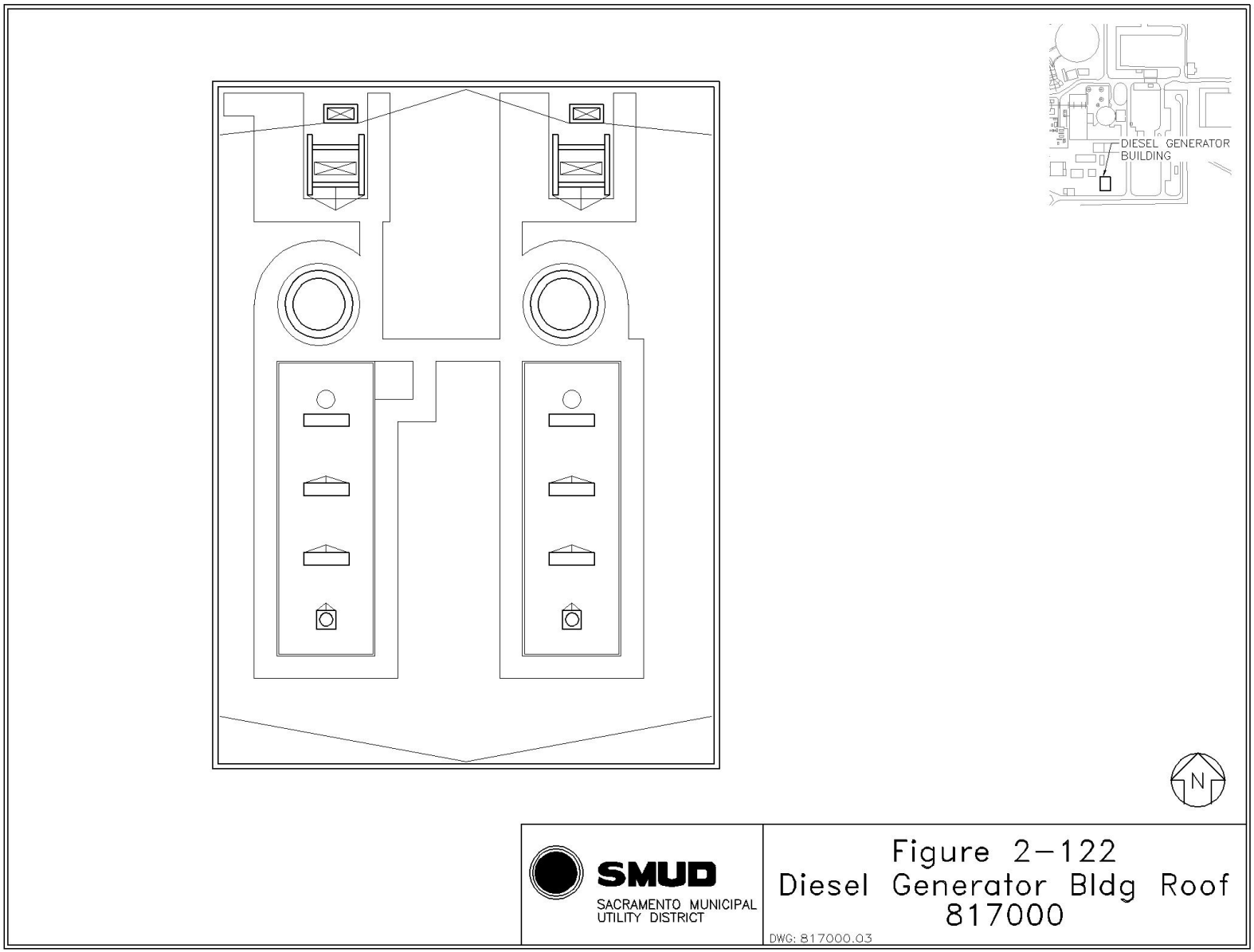

NSE BUILDING
ELEC EQUIP ROOM
CABLE SHAFT
66
67b
CABLE SHAFT
ELEC EQUIP ROOM
25
24b
27
65
64
ELECTRICAL ROOM
23b
ELECTRICAL ROOM
26
63
22b
68b
29
CORRIDOR
69b
MECH EQUIP ROOM
62
21b
28
MECH EQUIP ROOM
61
70b
ELEVTOR
30
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-116
NSEB El. 20
815000
DWG: 815000.03

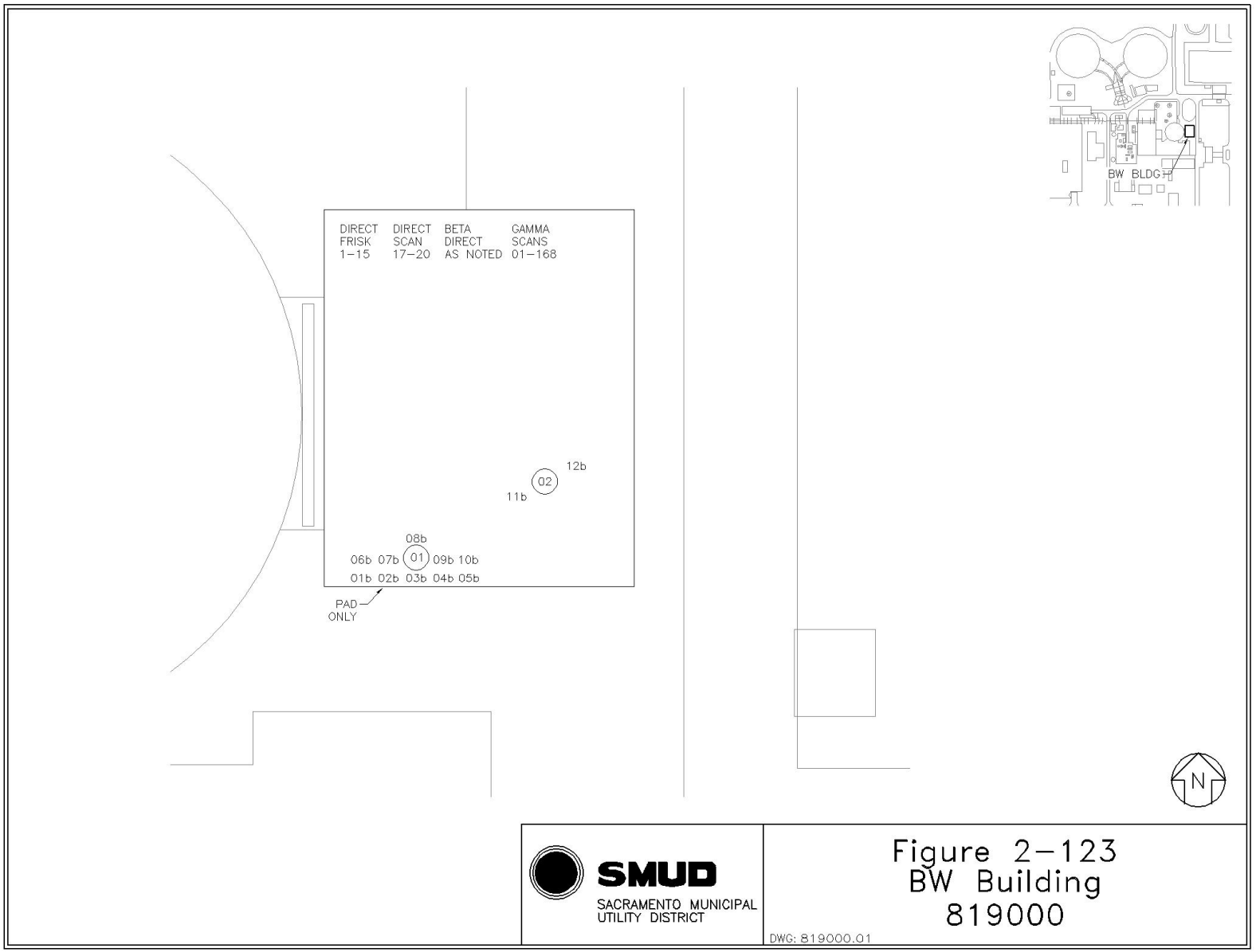

BRIDGE
CORRIDOR
BATTERY ROOM
40
CABLE ROOM
39b
CABLE ROOM
BATTERY ROOM
71b
78
72b
75
33
34b
COMPUTER ROOM
CORRIDOR
36
COMPUTER ROOM
37b
73b
76
74
38
31b
77b
35
ELEVTOR
32
79
80
NSE BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-117
NSEB El. 40
815000
DWG: 815000.04

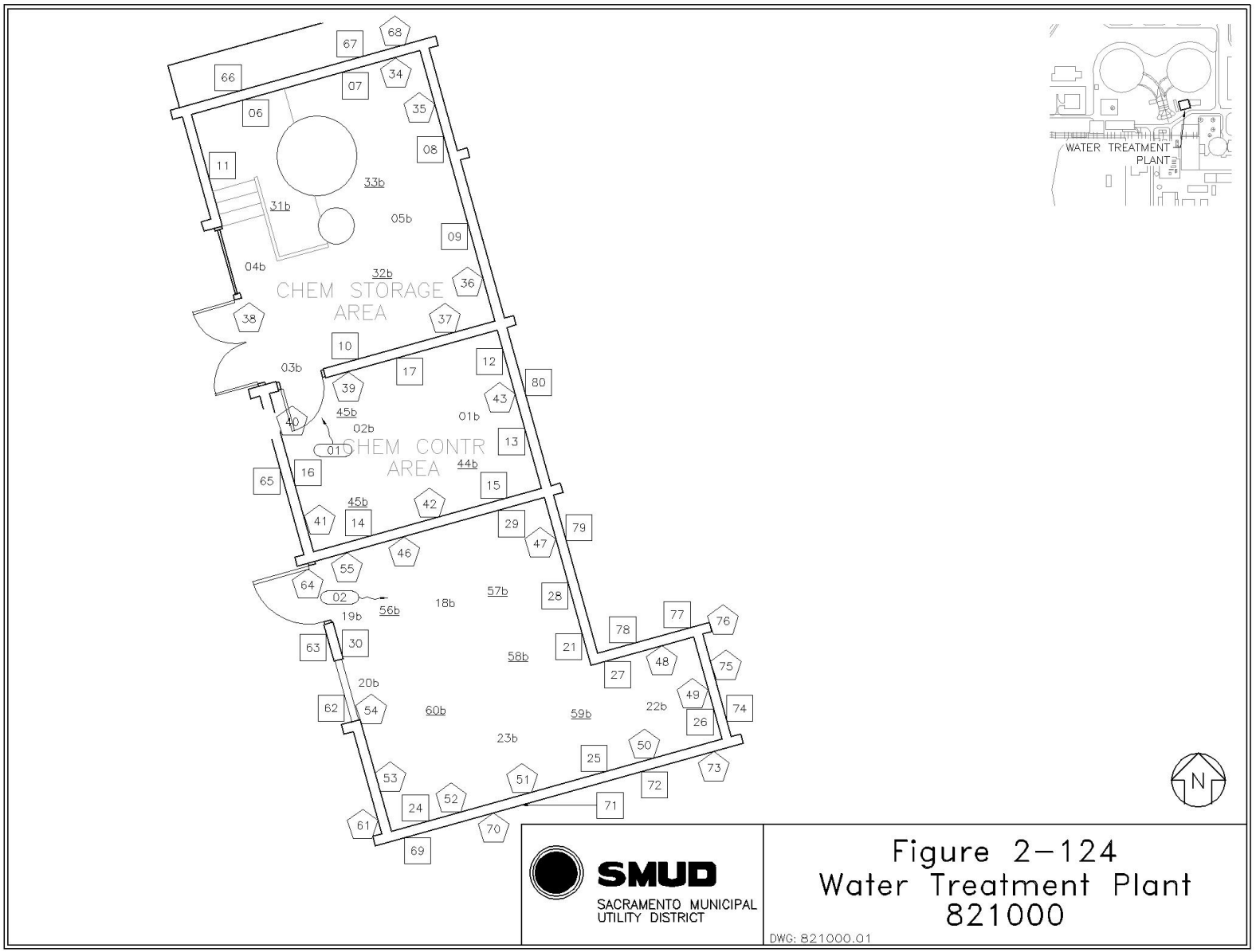

NSE BUILDING
94
95
90b
89b
88b
93
84b
85b
91b
82b
83b
81b
92
ELEV MACHN RM
86b
87
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-118
NSEB Roof
815000
DWG: 815000.05

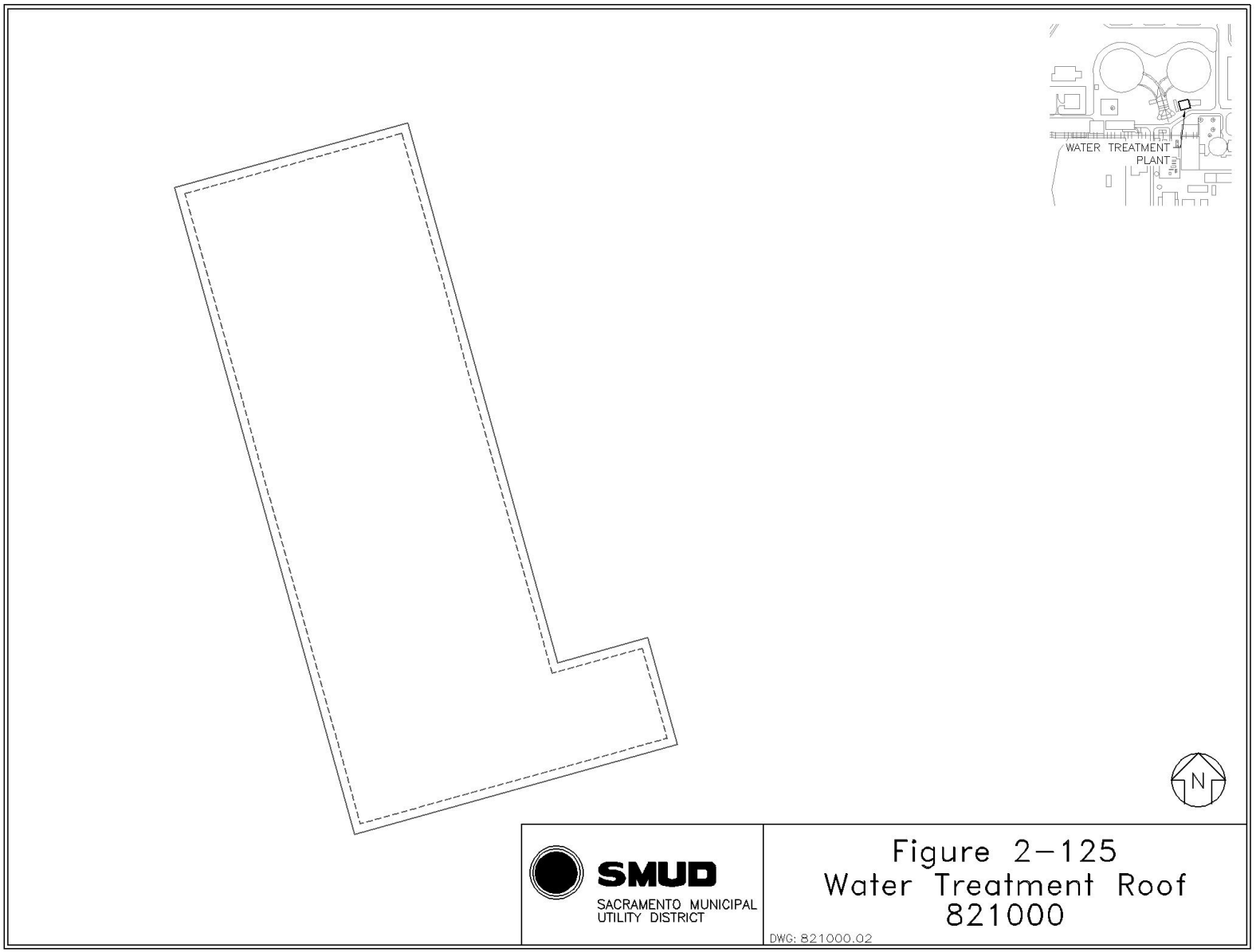

80
79
78
77
76
07
05
06
75
61
08b
SERVICE
AREA
TOILET
52
50b
03
34
02
31
10
11b
01b
32
51
62
33b
74
09
04
30b
63
73
49b
35b
15b
29b
36
12
25
64
46
14b
26
13
28b
48b
27
47
72
37
16
45
18
44
19
42b
41b
20
38
21
39
22
17b
23b
24
65
43
40
71
66
69
70
67
68
CAS
BUILDING
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-119
CAS Building El. 0
816000
DWG: 816000.01

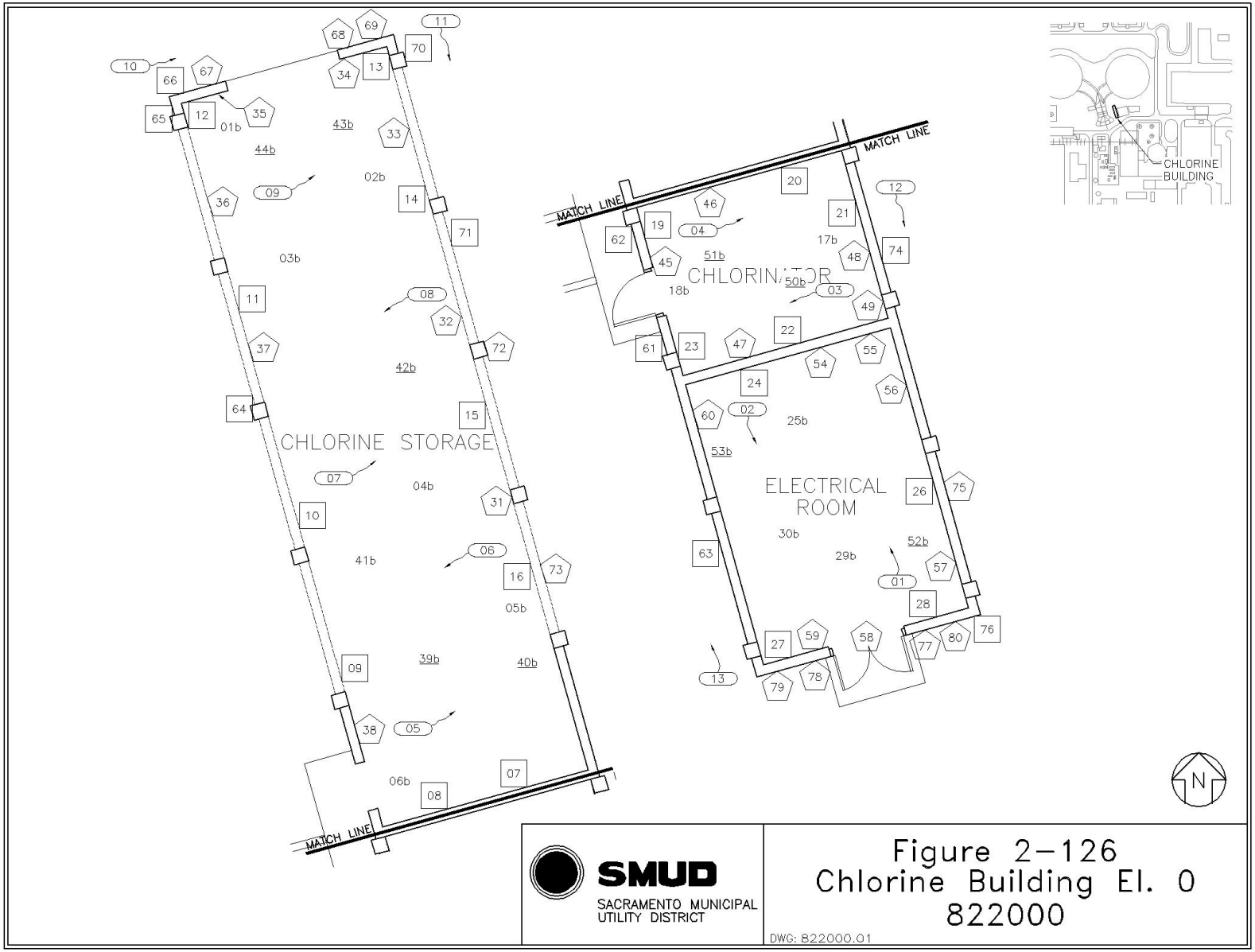

DIESEL GENERATOR BUILDING
CONTROL ROOM A
CONTROL ROOM B
DIESEL GENERATOR ROOM A
DIESEL GENERATOR ROOM B
RAD. MAT. POSTING (TYP.)
01b
02b
06b
11b
17b
18b
22b
28b
29b
30b
35b
36b
55b
56b
*05b
*06b
*07
16b
N
NOTE:
* SUPPLEMENTAL SURVEY DATA POINTS.
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-120
Diesel Generator Bldg El. 0
817000
DWG: 817000.01

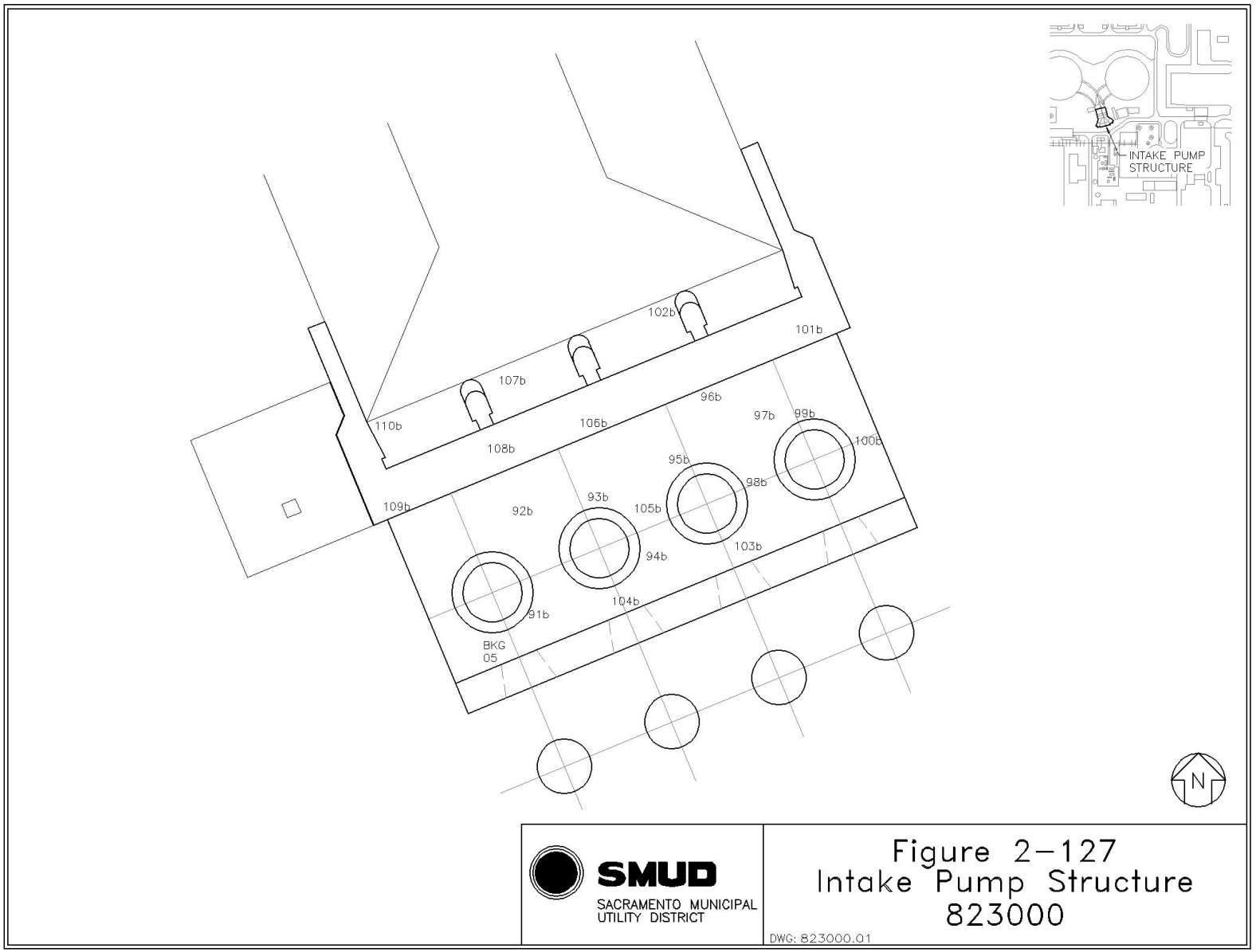

DIESEL GENERATOR BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-122
Diesel Generator Bldg Roof
817000
DWG: 817000.03

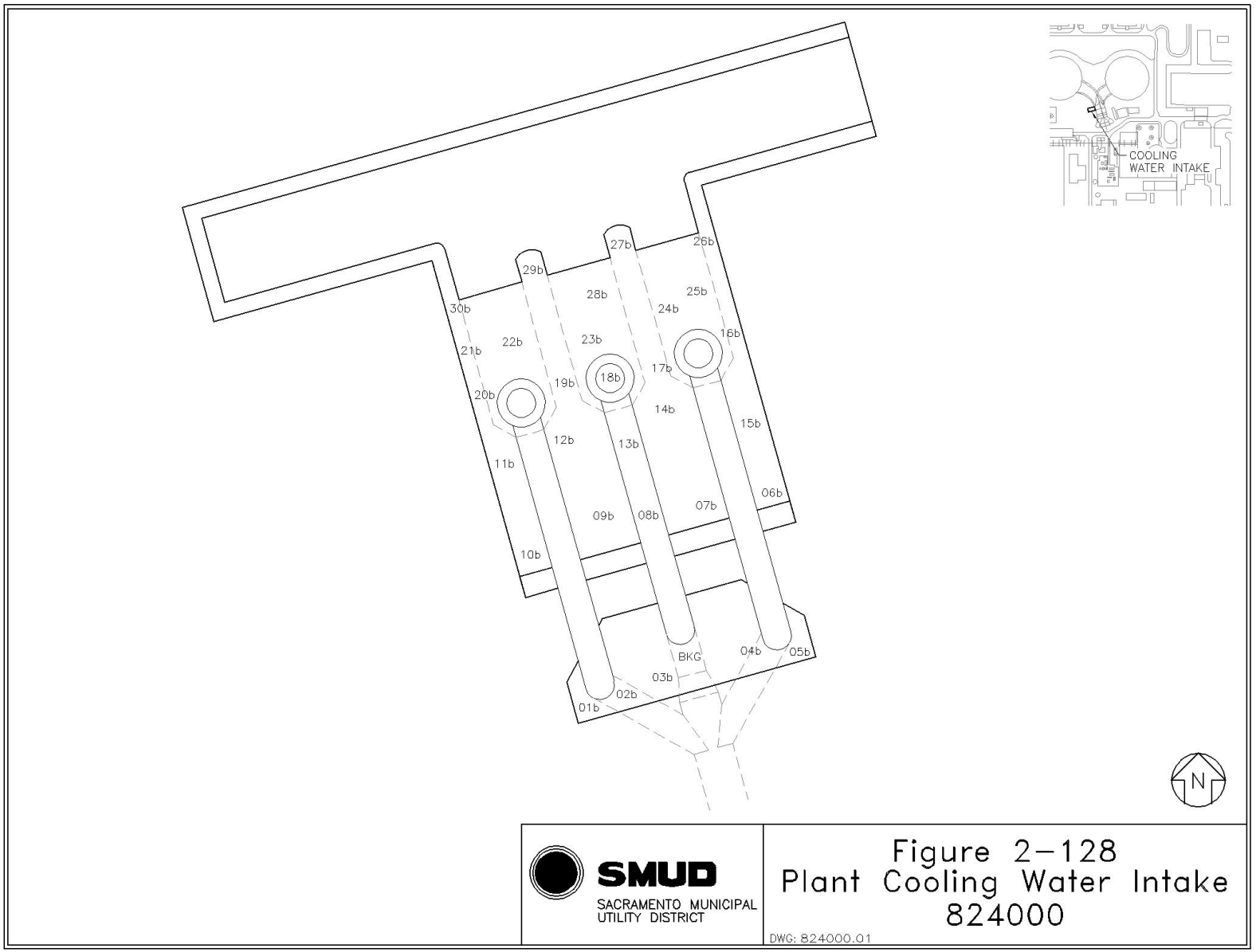

DIRECT FRISK 1–15
DIRECT SCAN 17–20
BETA DIRECT AS NOTED
GAMMA SCANS 01–168
12b
02
11b
08b
06b 07b 01 09b 10b
01b 02b 03b 04b 05b
PAD ONLY
BW BLDG
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2–123
BW Building
819000
DWG: 819000.01

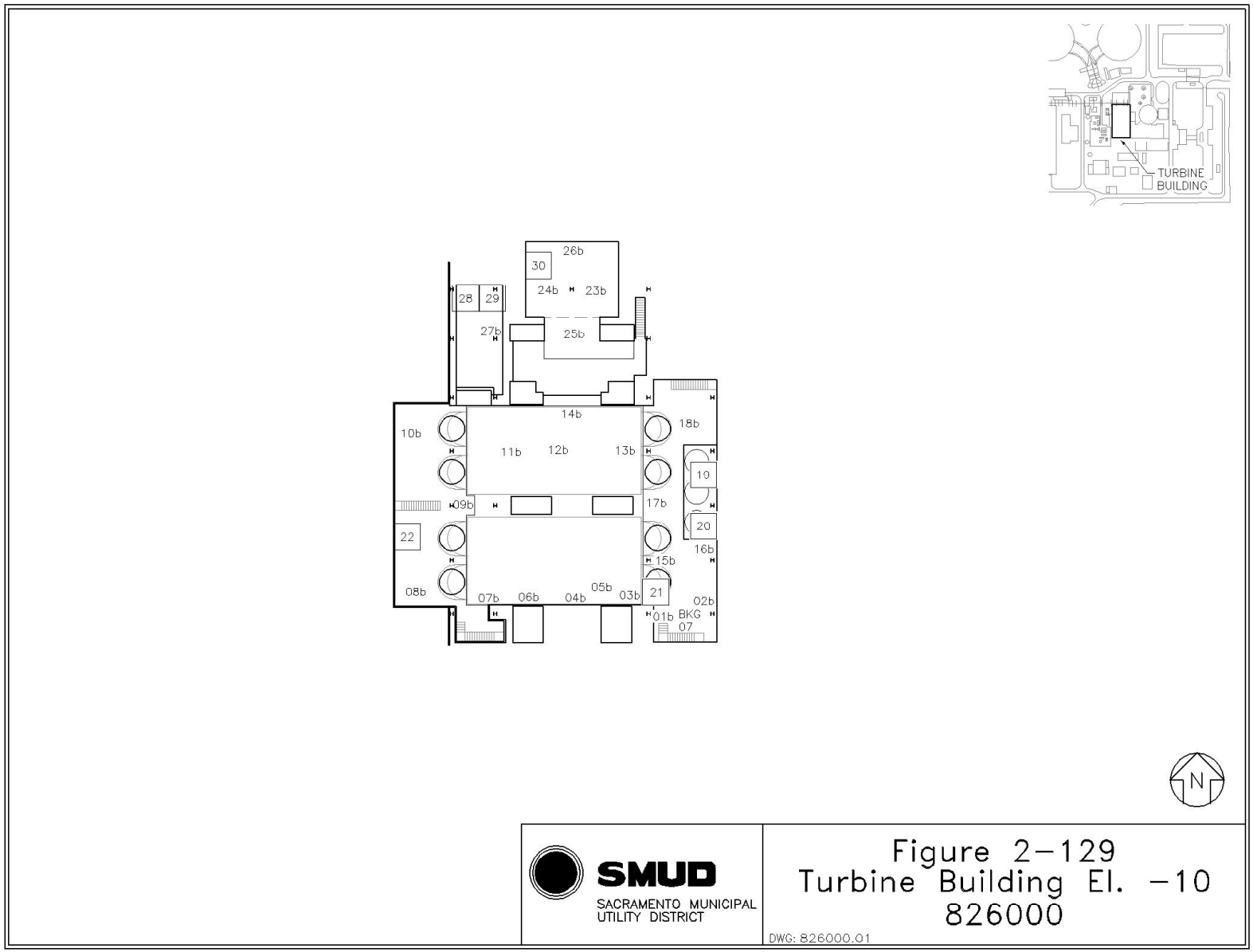

CHEM STORAGE AREA
CHEM CONTR AREA
WATER TREATMENT PLANT
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-124
Water Treatment Plant
821000
DWG: 821000.01

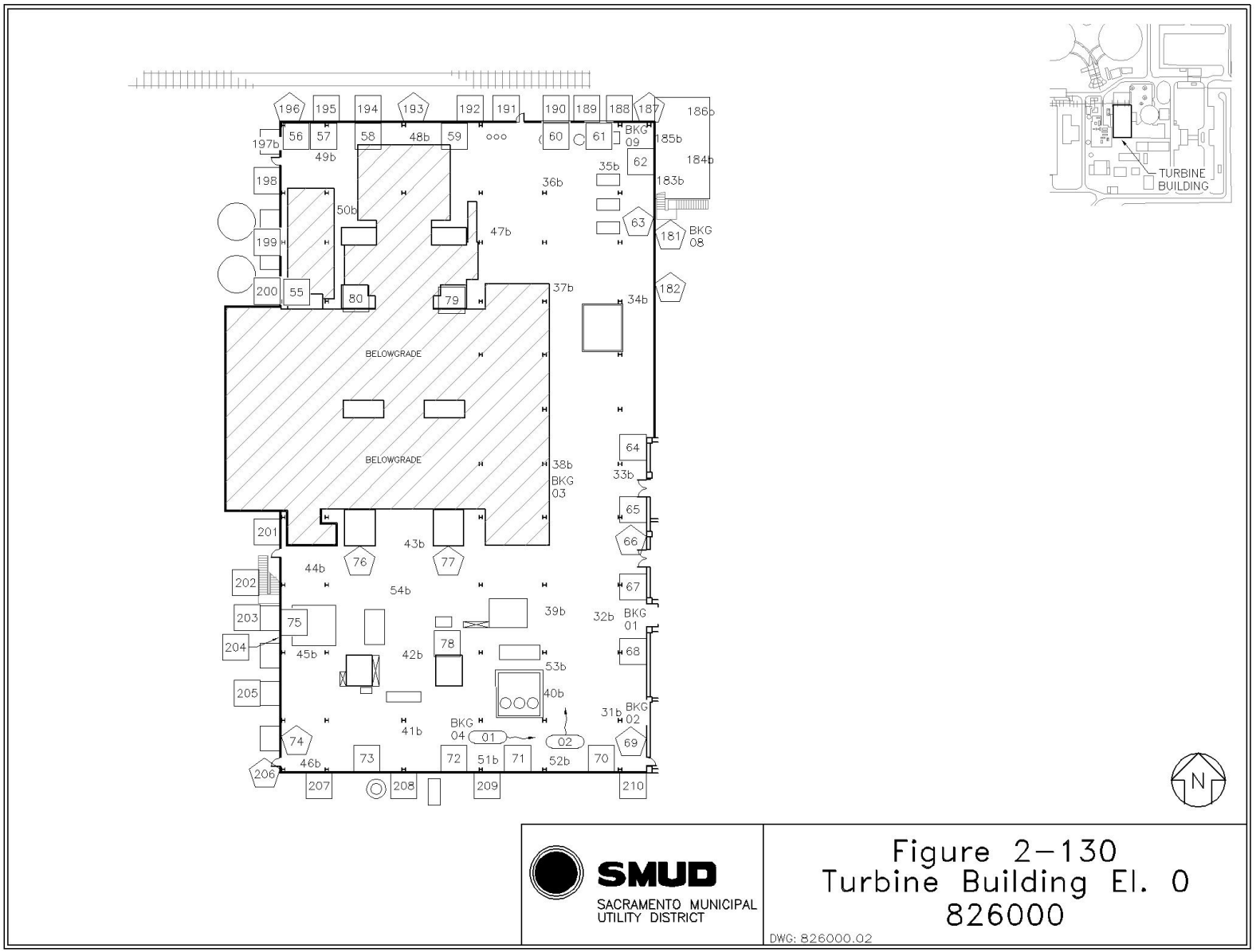

WATER TREATMENT PLANT
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-125
Water Treatment Roof
821000
DWG: 821000.02

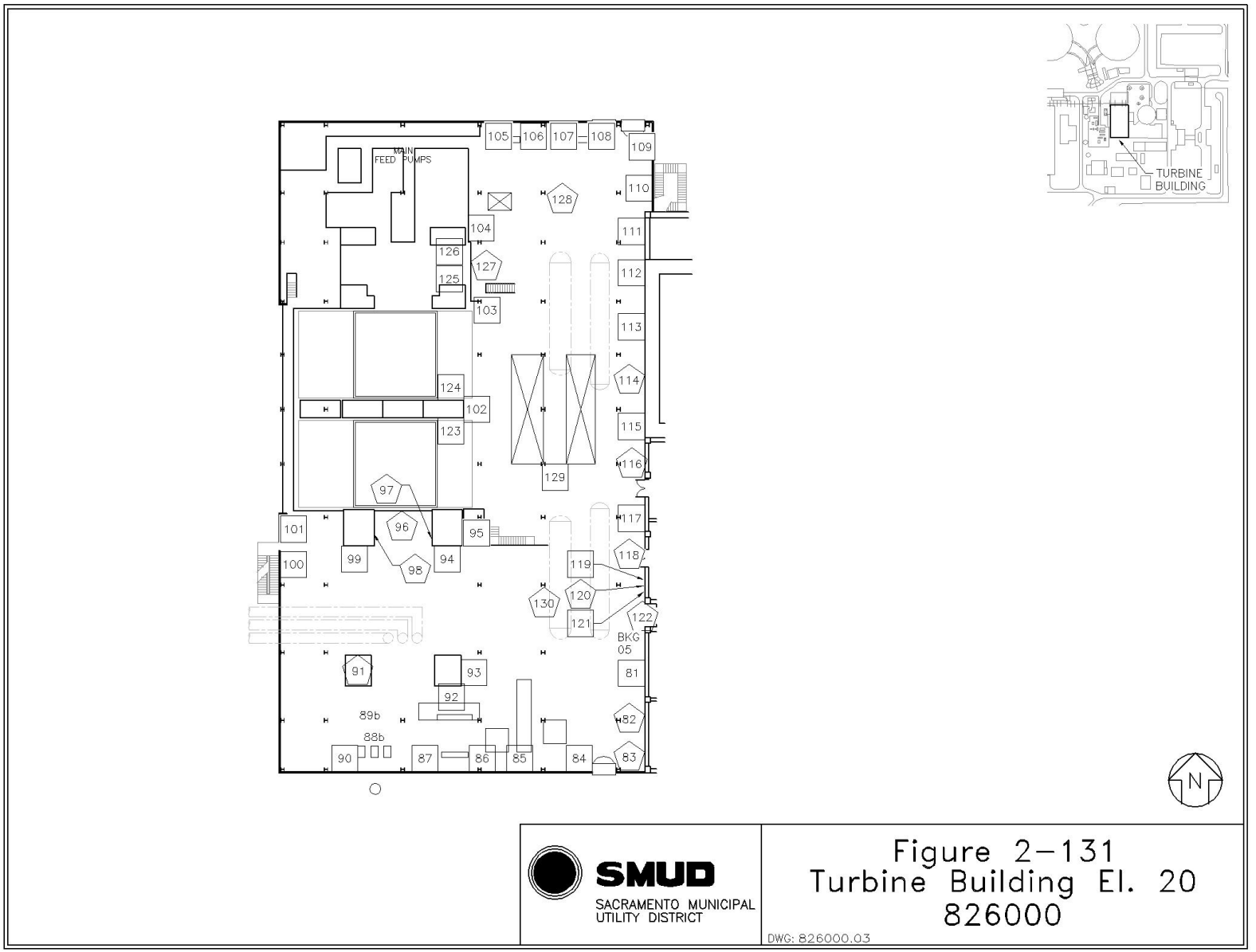

CHLORINE STORAGE
CHLORINATOR
ELECTRICAL ROOM
MATCH LINE
MATCH LINE
CHLORINE BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2–126
Chlorine Building El. 0
822000
DWG: 822000.01

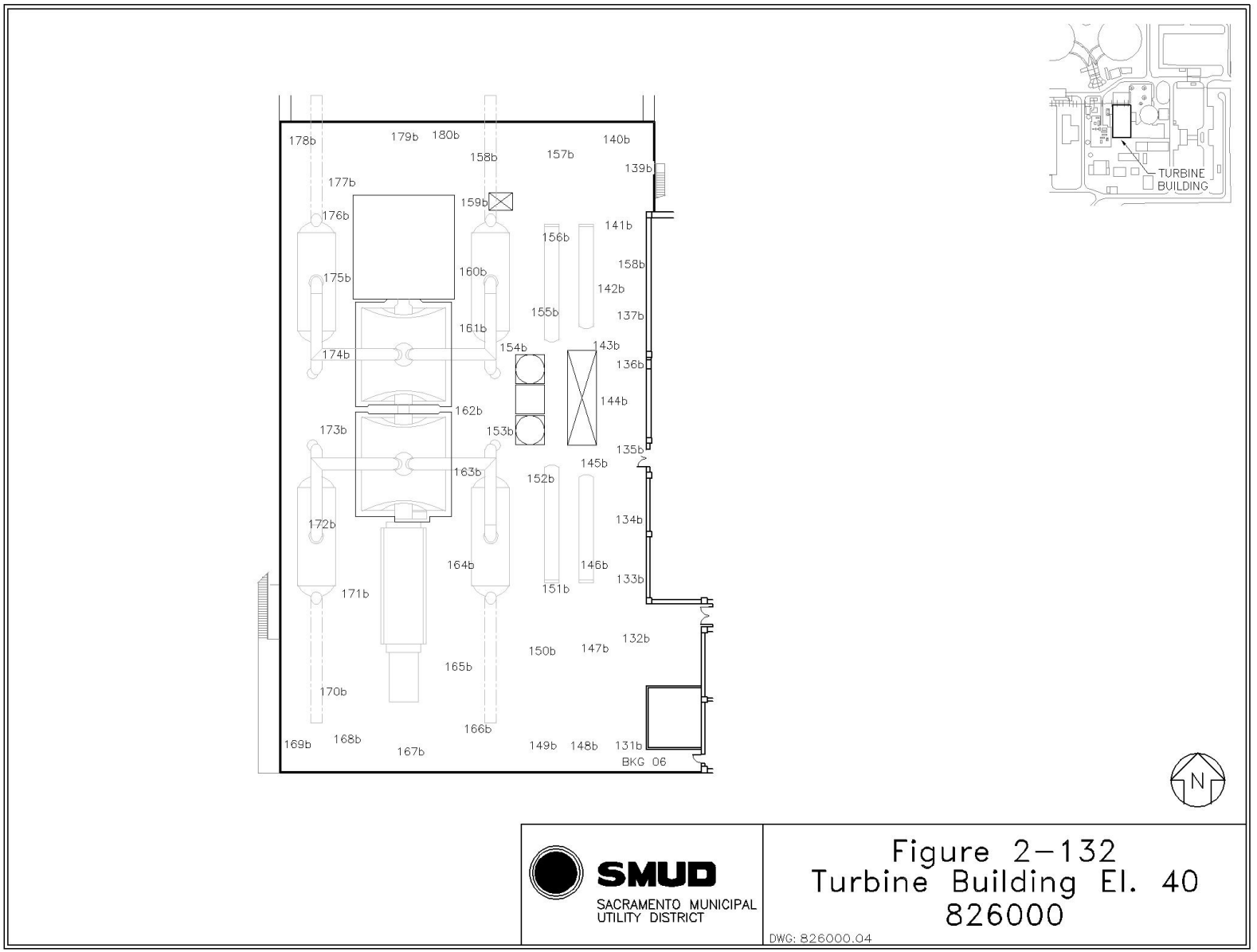

INTAKE PUMP STRUCTURE
102b
101b
107b
96b
97b
99b
110b
106b
100b
108b
95b
98b
109b
92b
93b
105b
103b
94b
104b
91b
BKG 05
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-127
Intake Pump Structure
823000
DWG: 823000.01

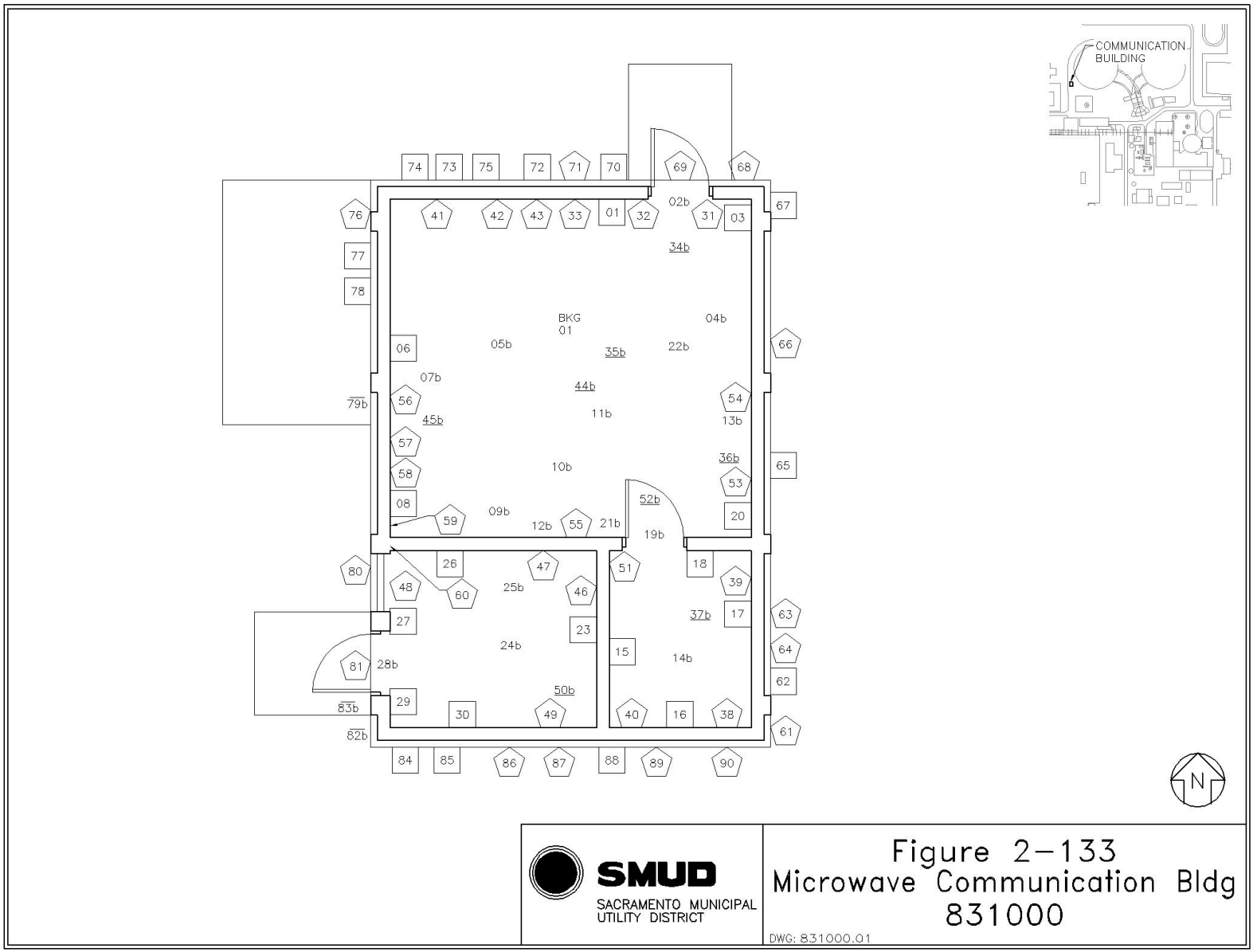

COOLING
WATER INTAKE
27b
26b
29b
28b
25b
30b
24b
16b
21b
22b
23b
17b
18b
19b
20b
14b
15b
12b
13b
11b
06b
09b
08b
07b
10b
BKG
04b
05b
03b
02b
01b
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-128
Plant Cooling Water Intake
824000
DWG: 824000.01

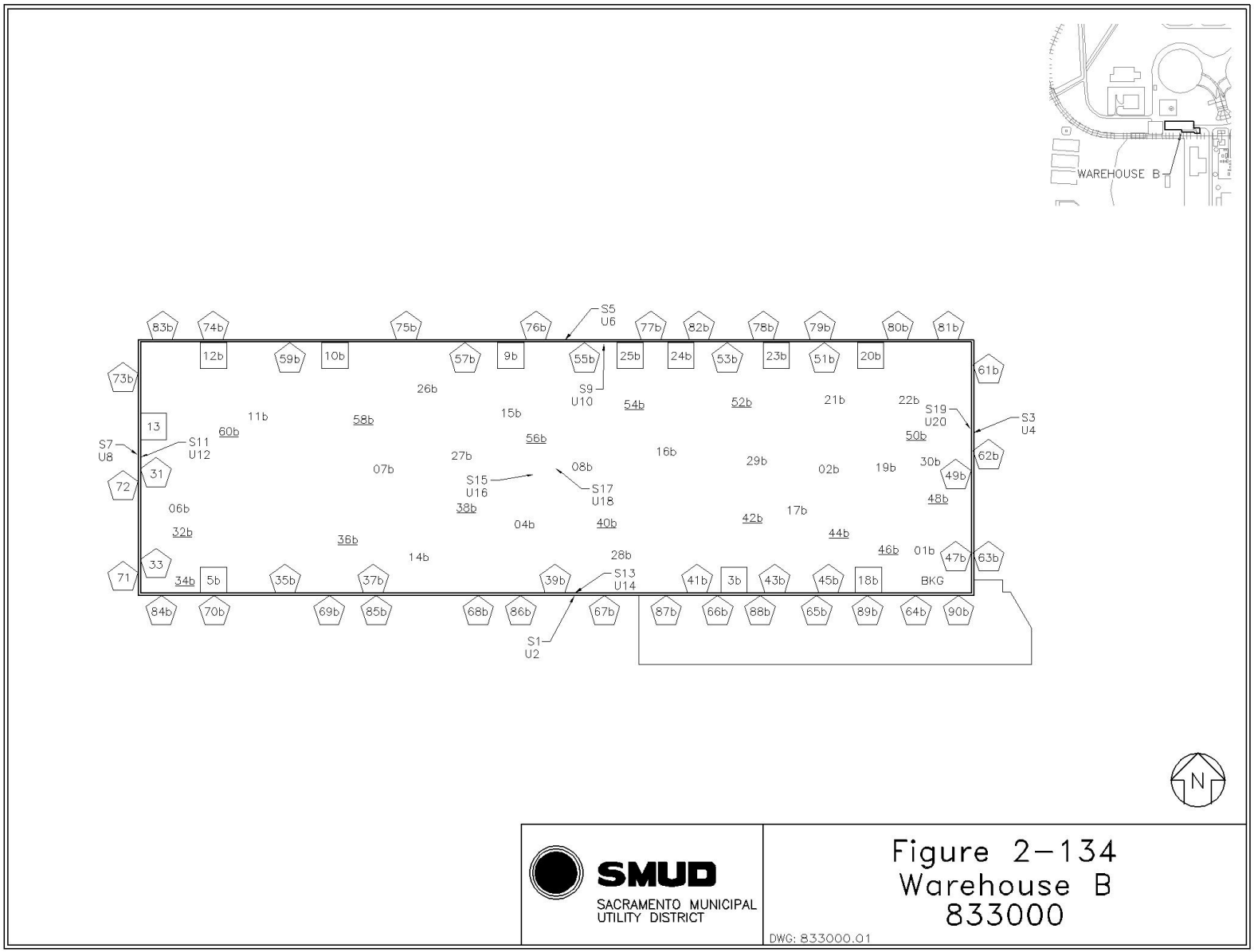

TURBINE BUILDING
26b
30
24b
23b
28
29
27b
25b
14b
18b
10b
11b
12b
13b
19
09b
17b
20
22
16b
15b
08b
07b
06b
04b
05b
03b
21
02b
01b
BKG 07
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-129
Turbine Building El. -10
826000
DWG: 826000.01

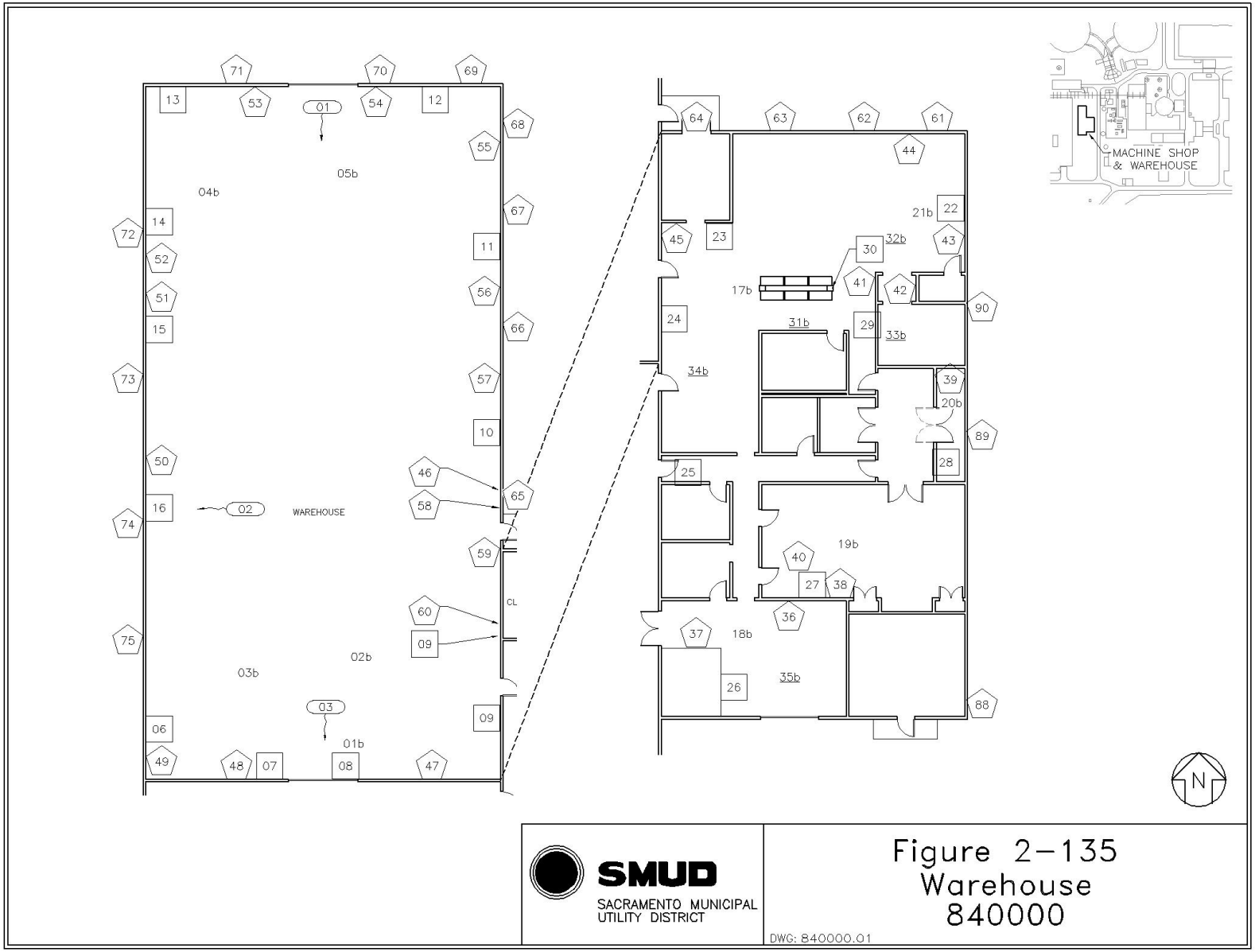

TURBINE BUILDING
BELOWGRADE
BELOWGRADE
BKG 09
BKG 08
BKG 03
BKG 01
BKG 02
BKG 04
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-130
Turbine Building El. 0
826000
DWG: 826000.02

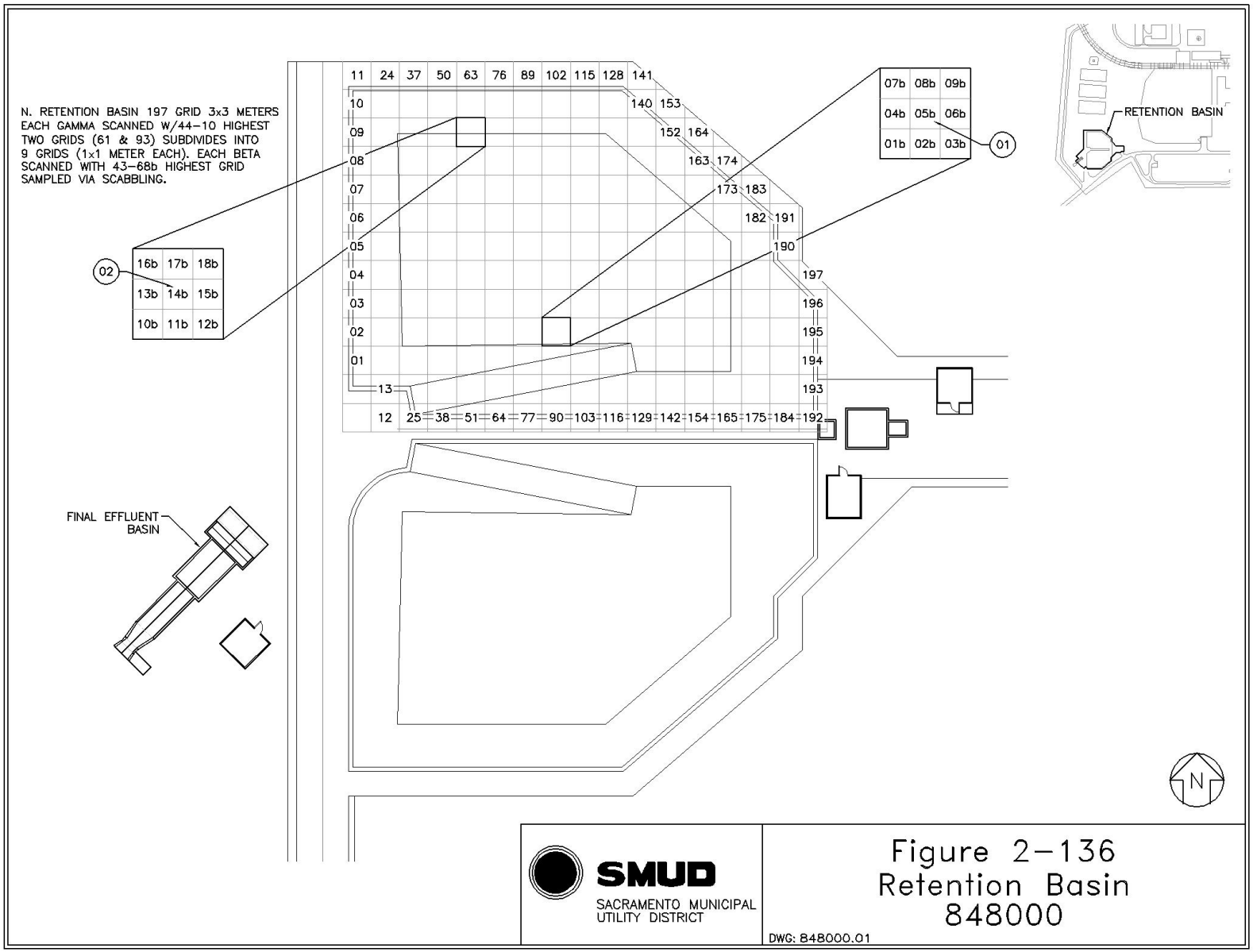

TURBINE BUILDING
MAIN FEED PUMPS
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
BKG 05
128
104
126
127
125
103
124
102
123
129
97
96
95
101
100
99
94
98
130
91
93
92
89b
88b
90
87
86
85
84
81
82
83
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-131
Turbine Building El. 20
826000
DWG: 826000.03

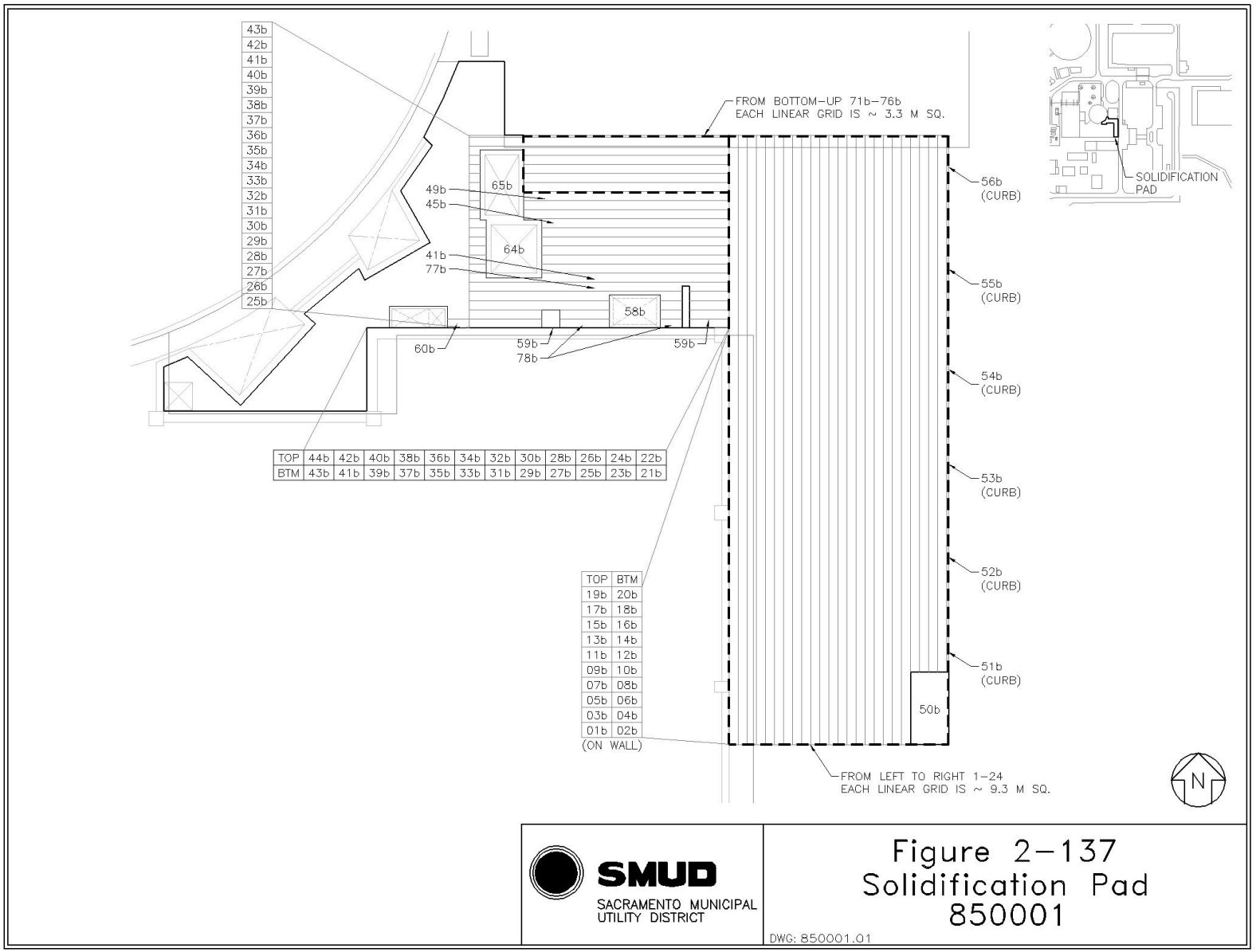

178b
179b
180b
158b
157b
140b
139b
177b
159b
176b
141b
156b
158b
175b
160b
142b
155b
137b
161b
154b
143b
174b
136b
144b
162b
173b
153b
135b
145b
163b
152b
172b
134b
164b
146b
133b
171b
151b
132b
150b
147b
165b
170b
166b
169b
168b
167b
149b
148b
131b
BKG 06
TURBINE BUILDING
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-132
Turbine Building El. 40
826000
DWG: 826000.04

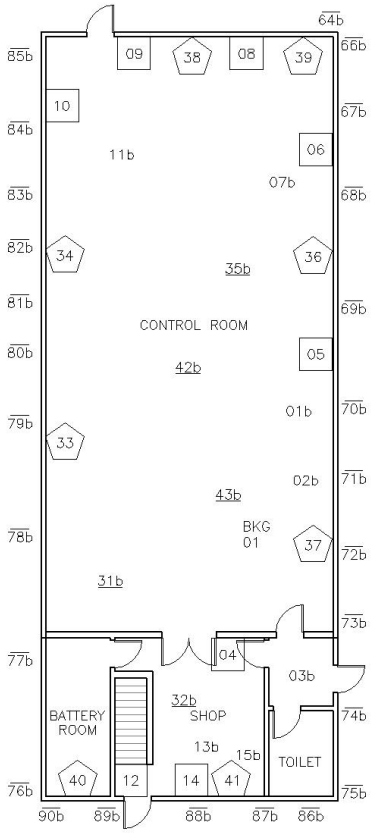

COMMUNICATION BUILDING
BKG 01
01
02b
03
04b
05b
06
07b
09b
10b
11b
12b
13b
18
19b
20
21b
22b
24b
25b
26
27
28b
29
30
31
32
33
34b
35b
36b
37b
38
39
40
41
42
43
44b
45b
46
47
48
49
50b
51
52b
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79b
80
81
82b
83b
84
85
86
87
88
89
90
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-133
Microwave Communication Bldg
831000
DWG: 831000.01

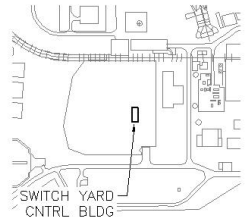

WAREHOUSE B
83b
74b
12b
59b
10b
75b
57b
9b
76b
S5
U6
55b
77b
25b
82b
24b
53b
78b
23b
79b
51b
80b
20b
81b
61b
73b
26b
S9
U10
54b
52b
21b
22b
S19
U20
S3
U4
13
11b
60b
58b
15b
56b
50b
S7
U8
S11
U12
27b
16b
29b
30b
62b
31
07b
08b
02b
19b
49b
72
S15
U16
S17
U18
48b
06b
38b
17b
42b
32b
04b
40b
44b
36b
14b
28b
46b
01b
47b
63b
33
71
34b
5b
35b
37b
39b
S13
U14
41b
3b
43b
45b
18b
BKG
84b
70b
69b
85b
68b
86b
67b
87b
66b
88b
65b
89b
64b
90b
S1
U2
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-134
Warehouse B
833000
DWG: 833000.01


MACHINE SHOP & WAREHOUSE
WAREHOUSE
04b
05b
03b
02b
01b
17b
18b
19b
21b
31b
32b
33b
34b
35b
CL
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2–135
Warehouse
840000
DWG: 840000.01


N. RETENTION BASIN 197 GRID 3x3 METERS EACH GAMMA SCANNED W/44-10 HIGHEST TWO GRIDS (61 & 93) SUBDIVIDES INTO 9 GRIDS (1x1 METER EACH). EACH BETA SCANNED WITH 43-68b HIGHEST GRID SAMPLED VIA SCABBLING.
11 24 37 50 63 76 89 102 115 128 141
10 140 153
09 152 164
08 163 174
07 173 183
06 182 191
05 190
04 197
03 196
02 195
01 194
13 193
12 25 38 51 64 77 90 103 116 129 142 154 165 175 184 192
07b 08b 09b
04b 05b 06b
01b 02b 03b
01
02
16b 17b 18b
13b 14b 15b
10b 11b 12b
RETENTION BASIN
FINAL EFFLUENT BASIN
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-136
Retention Basin
848000
DWG: 848000.01


43b
42b
41b
40b
39b
38b
37b
36b
35b
34b
33b
32b
31b
30b
29b
28b
27b
26b
25b
FROM BOTTOM-UP 71b-76b
EACH LINEAR GRID IS ~ 3.3 M SQ.
49b
45b
65b
64b
41b
77b
58b
60b
59b
78b
59b
56b
(CURB)
55b
(CURB)
54b
(CURB)
53b
(CURB)
52b
(CURB)
51b
(CURB)
50b
SOLIDIFICATION
PAD
TOP 44b 42b 40b 38b 36b 34b 32b 30b 28b 26b 24b 22b
BTM 43b 41b 39b 37b 35b 33b 31b 29b 27b 25b 23b 21b
TOP BTM
19b 20b
17b 18b
15b 16b
13b 14b
11b 12b
09b 10b
07b 08b
05b 06b
03b 04b
01b 02b
(ON WALL)
FROM LEFT TO RIGHT 1-24
EACH LINEAR GRID IS ~ 9.3 M SQ.
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-137
Solidification Pad
850001
DWG: 850001.01

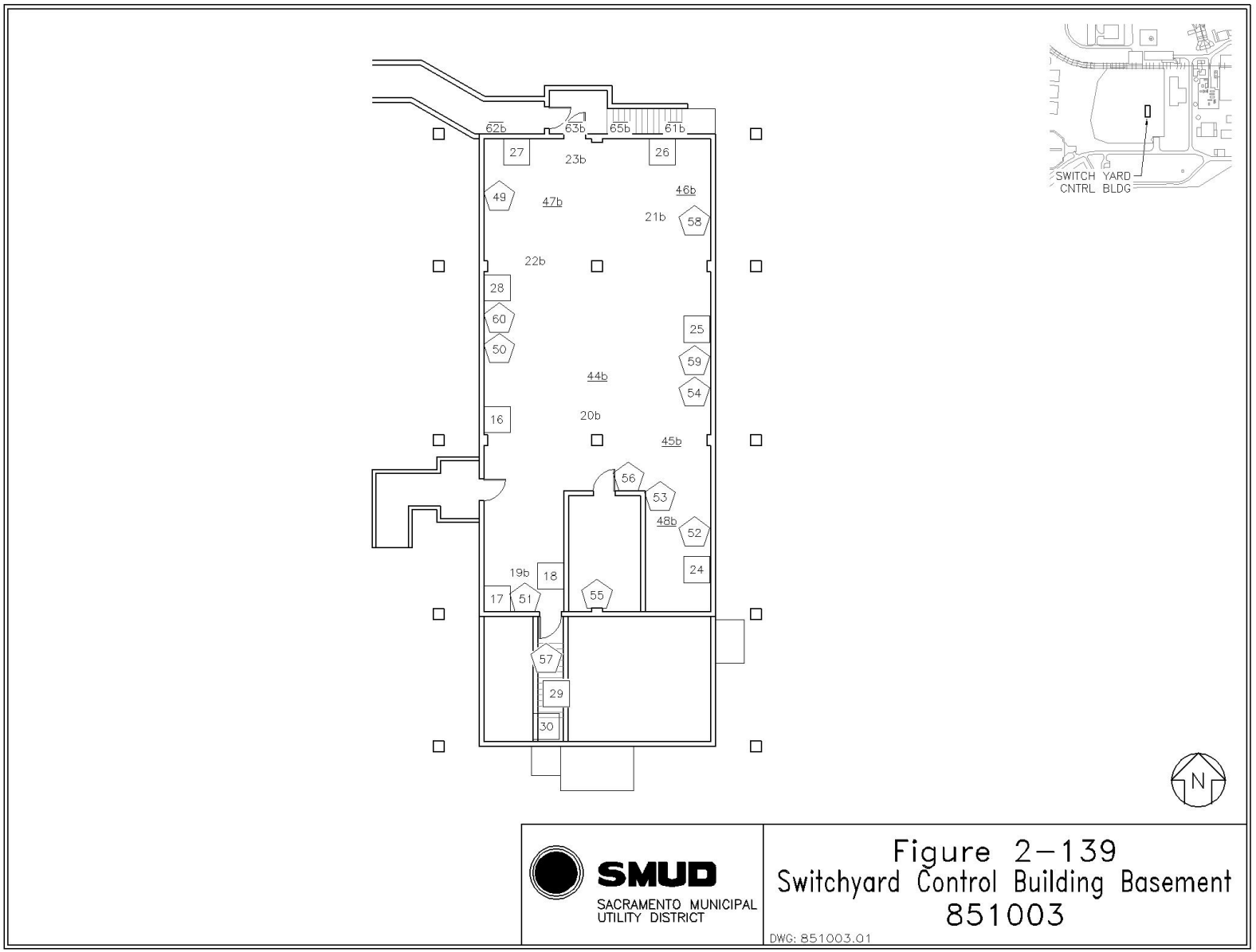


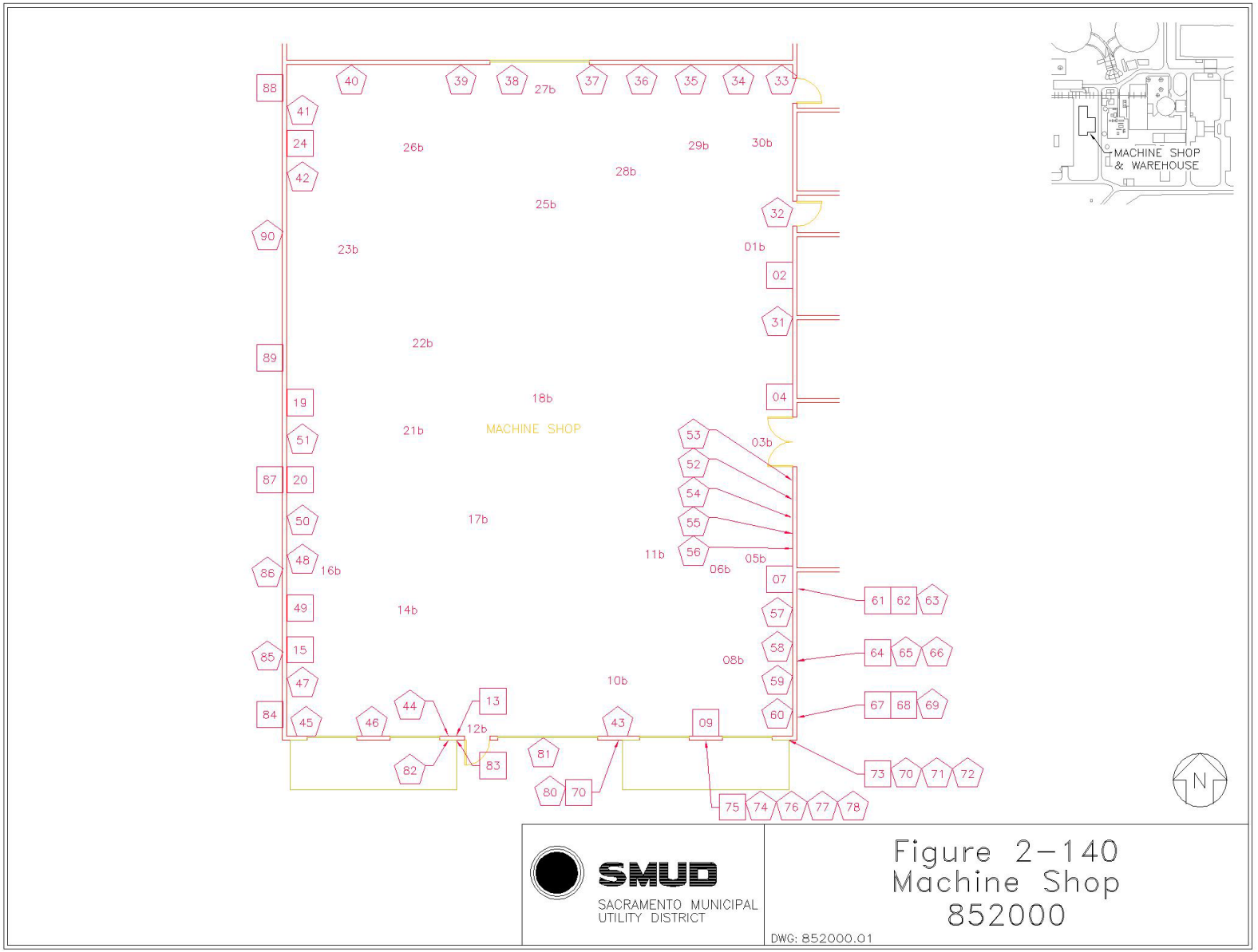


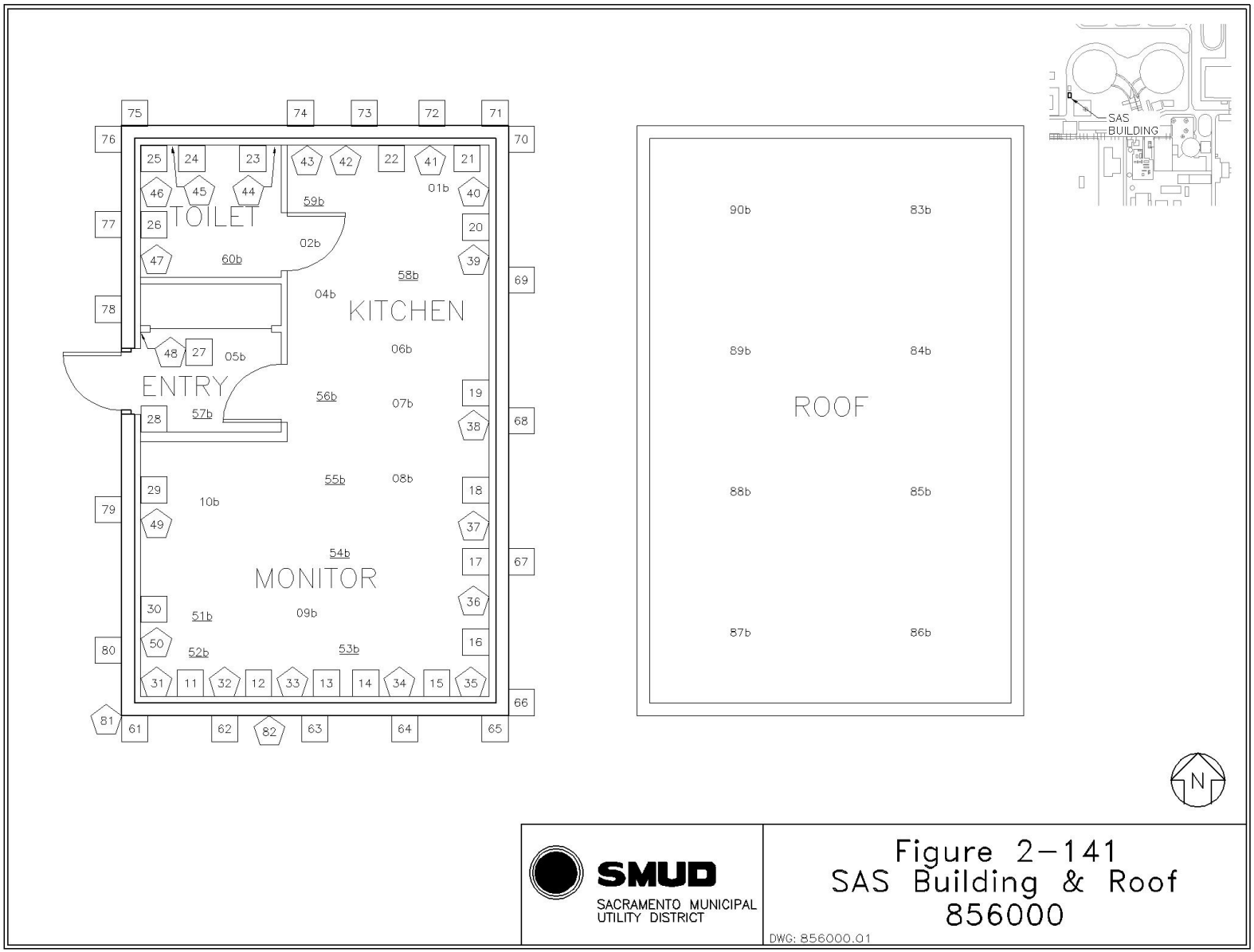
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT

Figure 2-138
Switchyard Control Bldg El. 0
851003

DWG: 851003.02


62b
63b
65b
61b
27
23b
26
49
47b
46b
21b
58
22b
28
60
25
50
59
44b
54
16
20b
45b
56
53
48b
52
24
19b
18
17
51
55
57
29
30
SWITCH YARD
CNTRL BLDG
N
SMUD
SACRAMENTO MUNICIPAL
UTILITY DISTRICT
Figure 2-139
Switchyard Control Building Basement
851003
DWG: 851003.01


MACHINE SHOP
MACHINE SHOP & WAREHOUSE
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-140
Machine Shop
852000
DWG: 852000.01
N


SAS BUILDING
TOILET
KITCHEN
ENTRY
MONITOR
ROOF
90b
83b
89b
84b
88b
85b
87b
86b
N
SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
Figure 2-141
SAS Building & Roof
856000
DWG: 856000.01