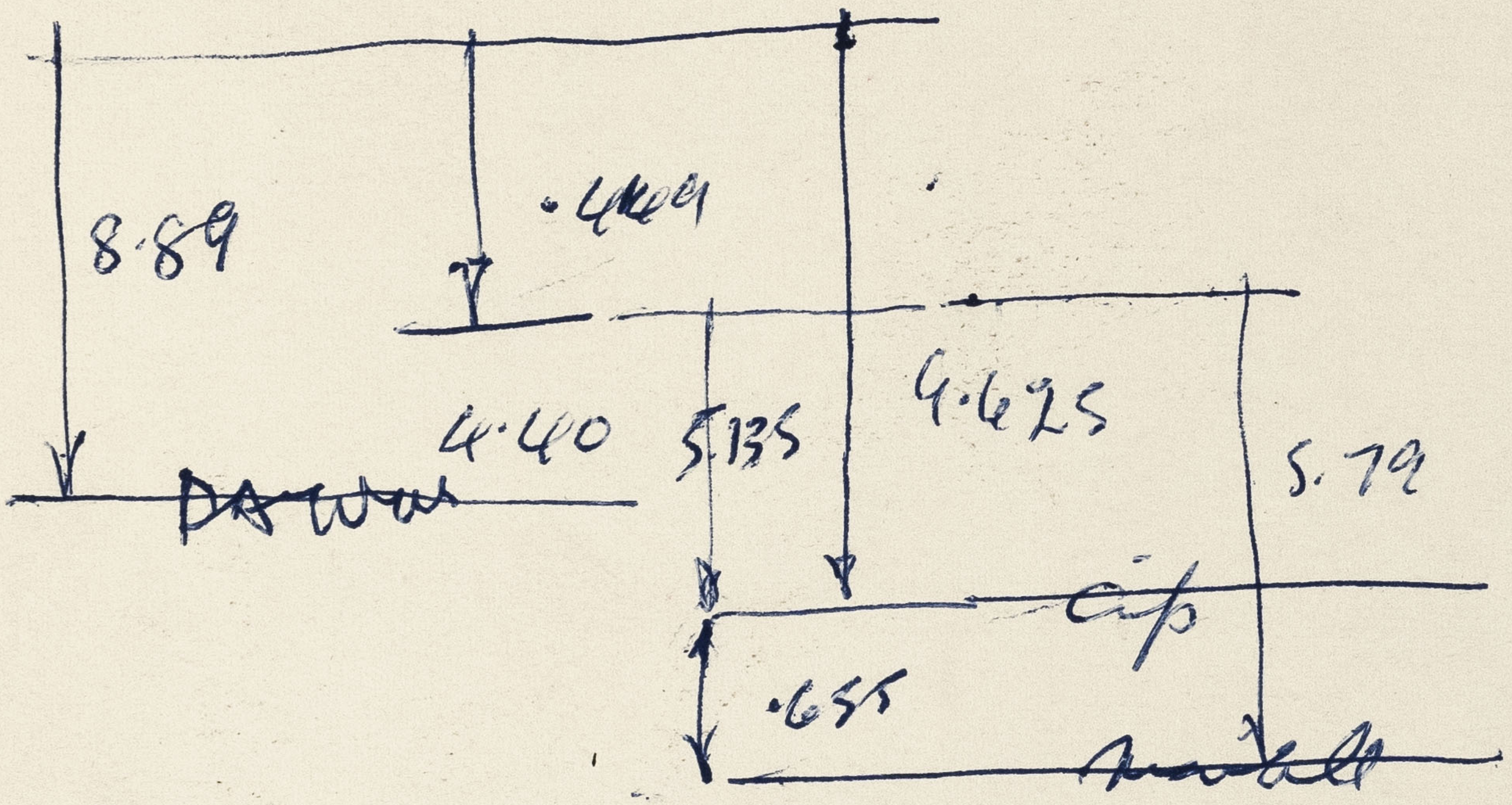
D5/3/4

.449 Terrace in apse.

5.79 Cipolino at L of Steps

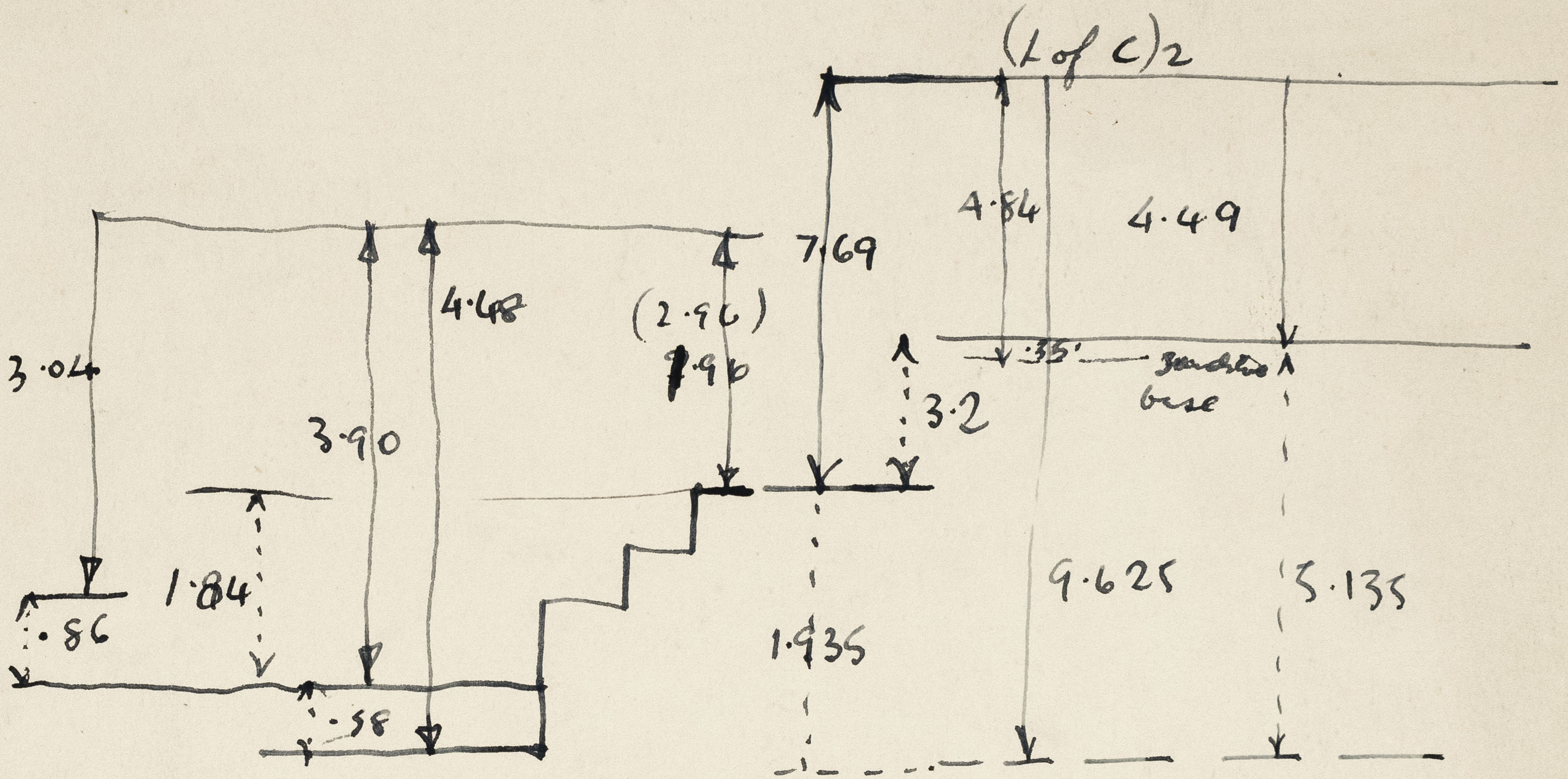

8.89
.449
4.40
DA wall
5.135
9.625
5.79
cip
.655
wall

9.625
4.49
5.135

5.79
5.135
.655 ft.

.655
.58
.075

.655
.075 ft


(L of C)2
7.69
4.84
4.49
4.48
3.04
3.90
(2.96)
1.96
3.2
.35'
Sandstone base
1.84
.86
.58
1.935
9.625
5.135

Total = .94
3.2
4.14

3.90
1.96
5.86

1.84
3.2
5.04

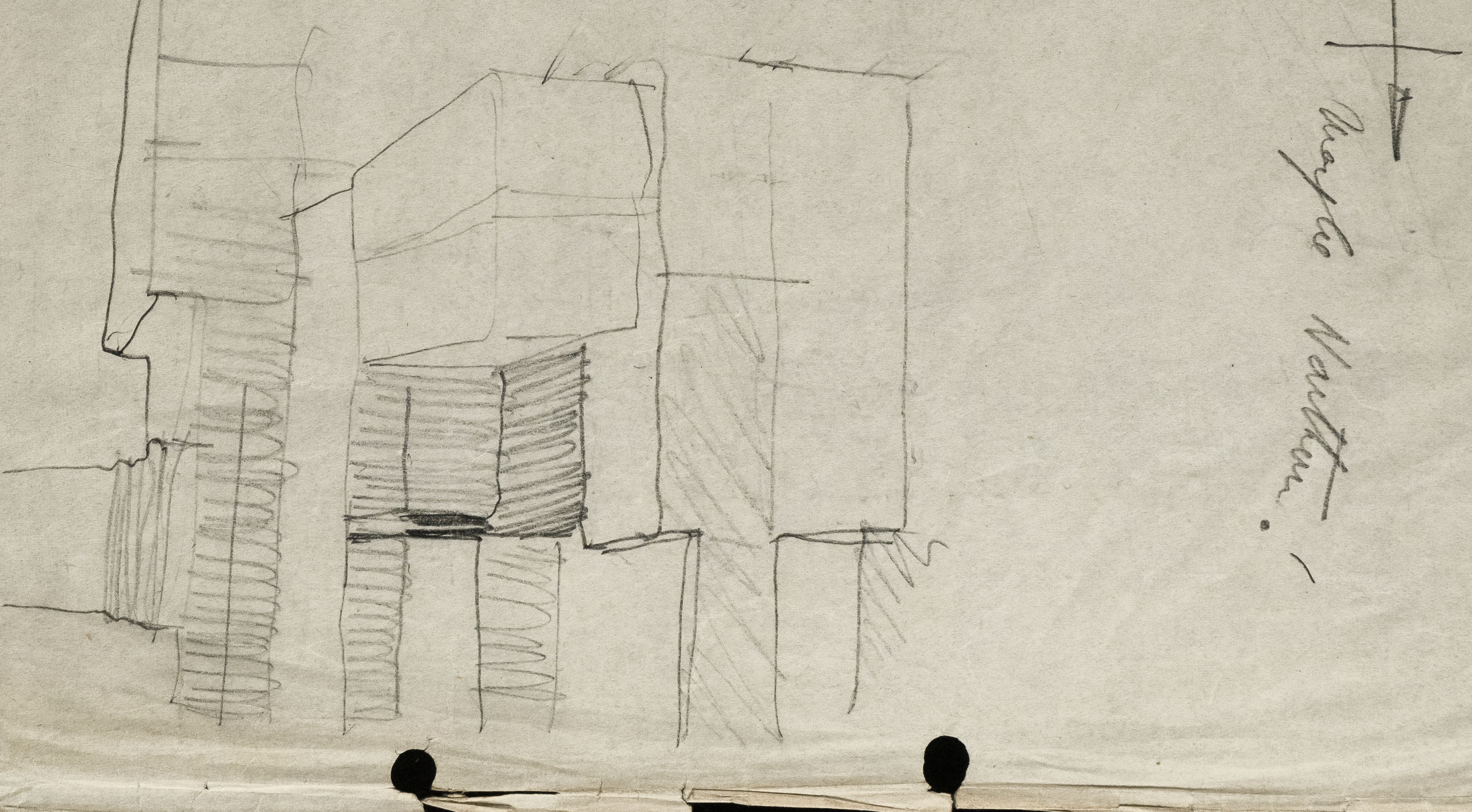
~~4.84~~
4.49
3.2
1.84
9.53

9.625
.095

5.135
5.04
.095

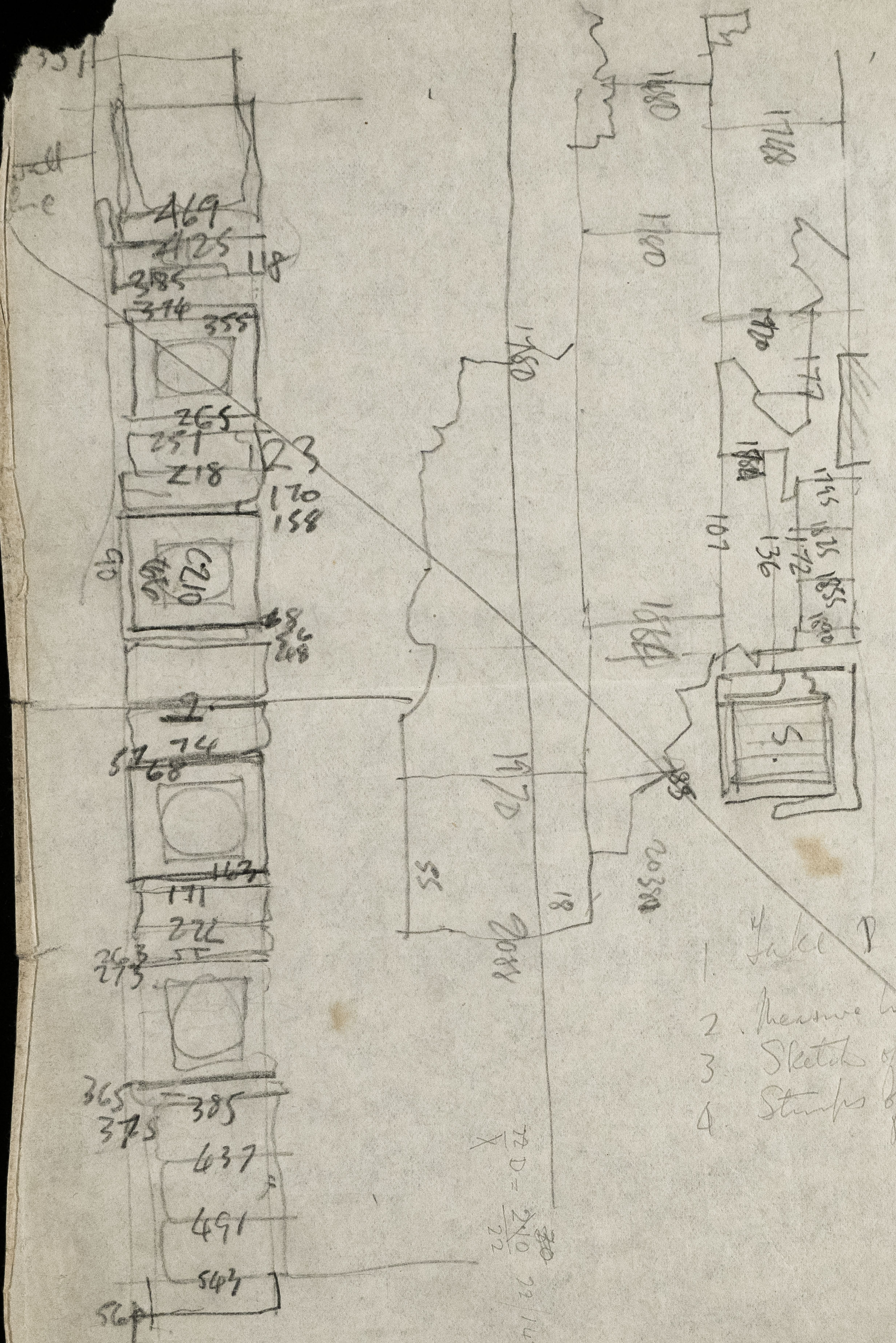
3.9
1.96
1.84

Wall
B. Projectn 4
CENT. STYLOBATE

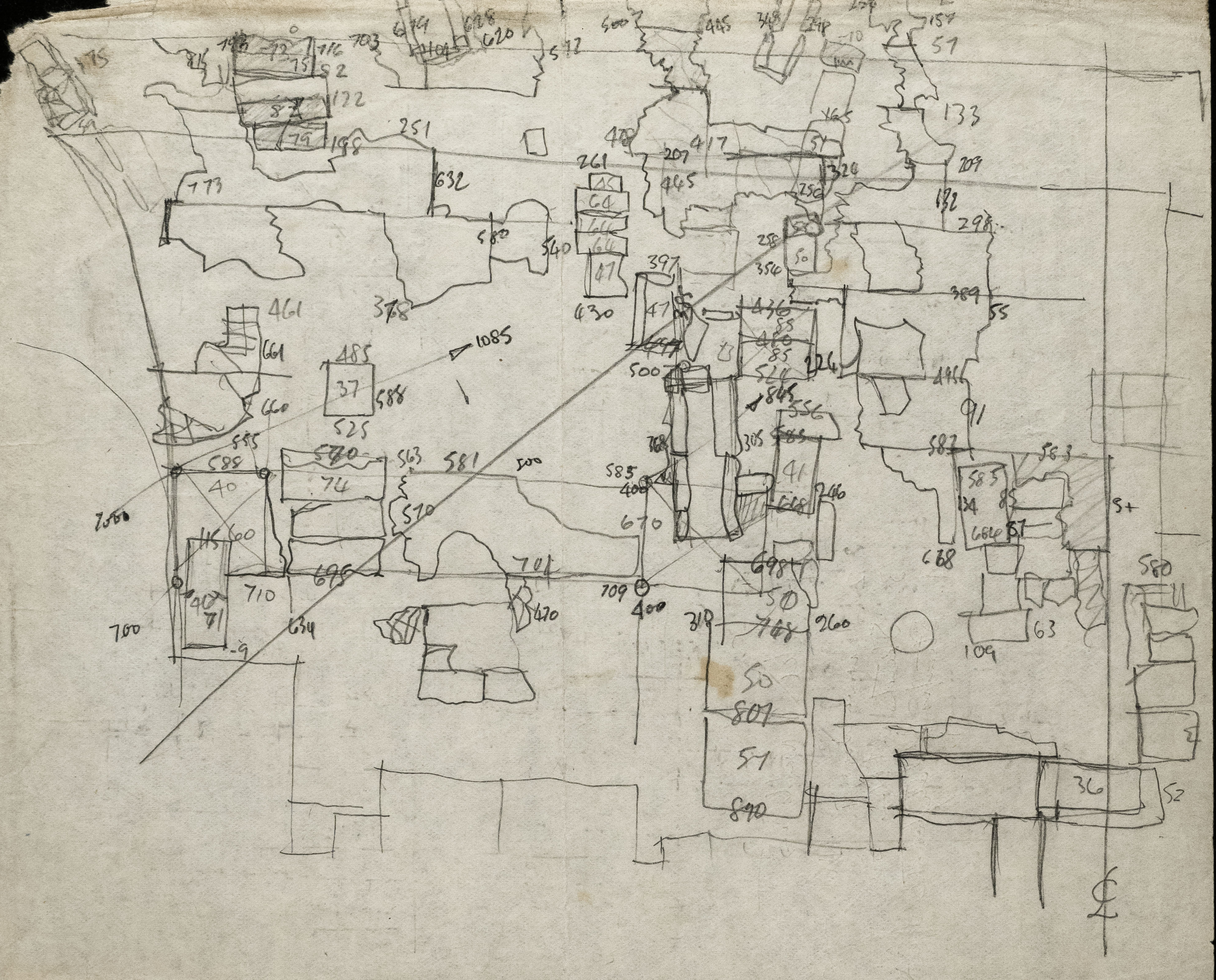


Maybe Narthex!

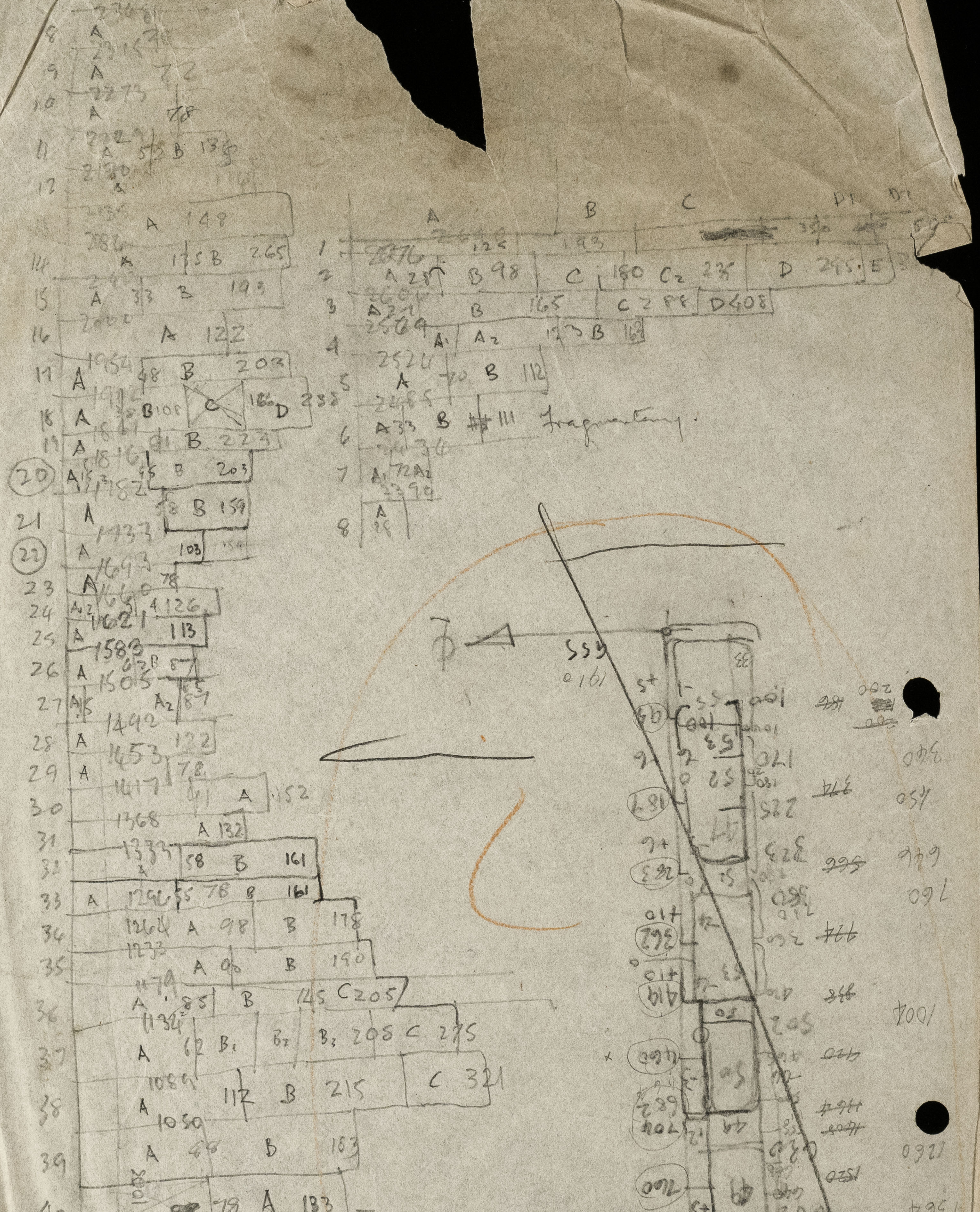
South Septette
angled 4°
4086
3998
3912
3812
3730
3630
3530
3350
3222
3126
2896
2796
2710
2656
2654
2350
2288
2084
2000
1726
1662
1564
1454
1350
1260
1156
1048
980
884
786
688
580
486
382
5622
2811
2770
2727
2690
2609
2568
2560
2521
2480
2436
2392
2341
2259
2220
2178
2095
2043
5540
5456
5380
5218
5876
5120
5042
4960
4872
4784
4682
4618
4518
4440
4356
4290
4190
4086
1858
929
898
121
217
42
103
230
375
150
354
708
86
77
165
74
72
21
152
65
57
76
step
67
161
73
20
46
15
160
11
42
9
154
Guest base comp.
175
330
13
77
64
19
80
71
76
Wall


1680
1748
1180
1700
177
1780
1884
101
136
172
1825
1855
1800
1745
1770
55
18
1880
20350
185
S.
wall line
351
469
425
118
385
374
355
265
251
123
218
170
158
90
C210
68
26
268
74
57
163
171
222
263
275
365
375
637
491
543
56
72 D = 210/22
X
22/147

1. Take P walls in trenches.
2. Measure Masonry NW. Angle.
SW "
3 Sketch of Floor
4 Stumps of Stylobates Apse

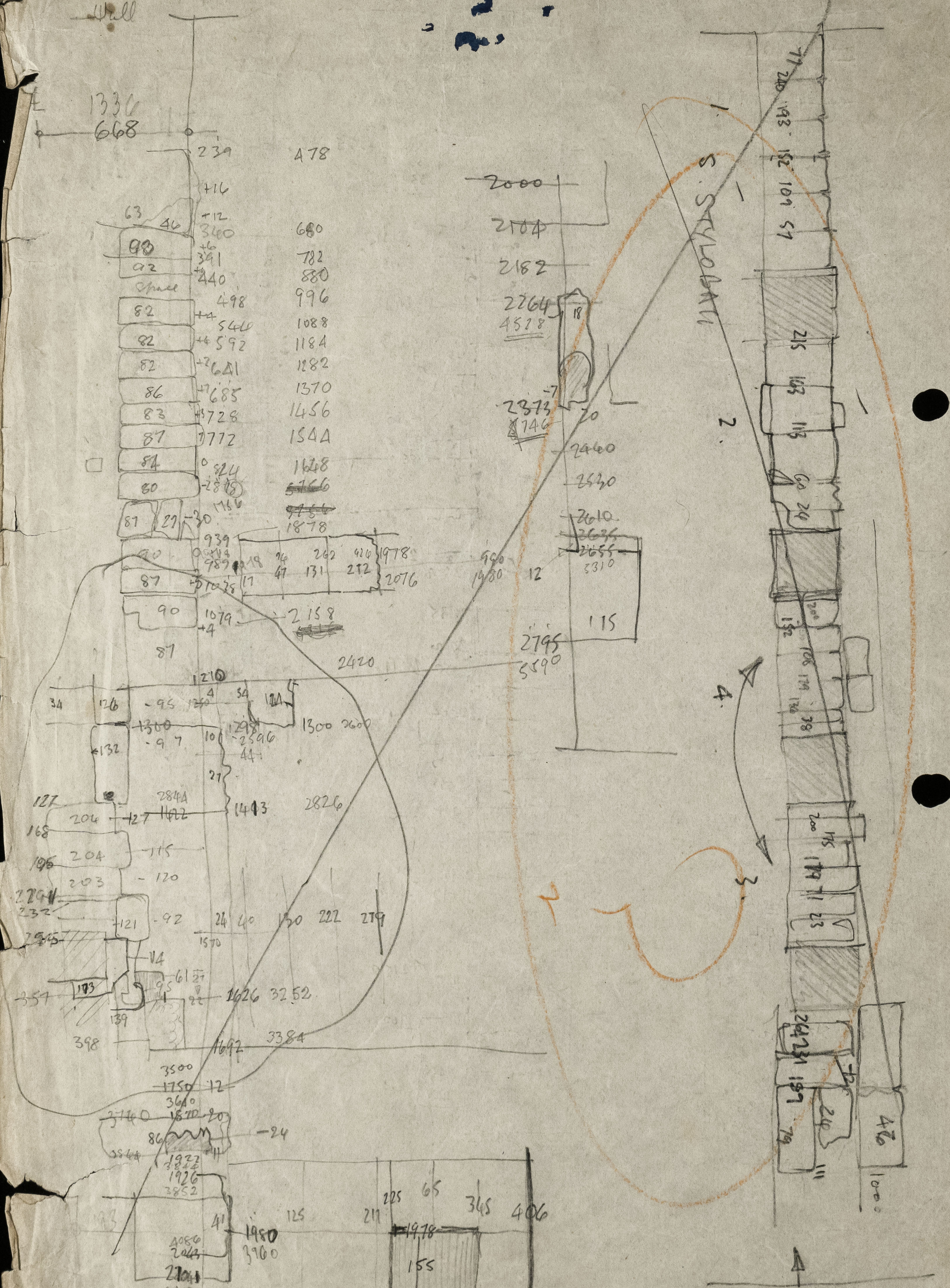
5+

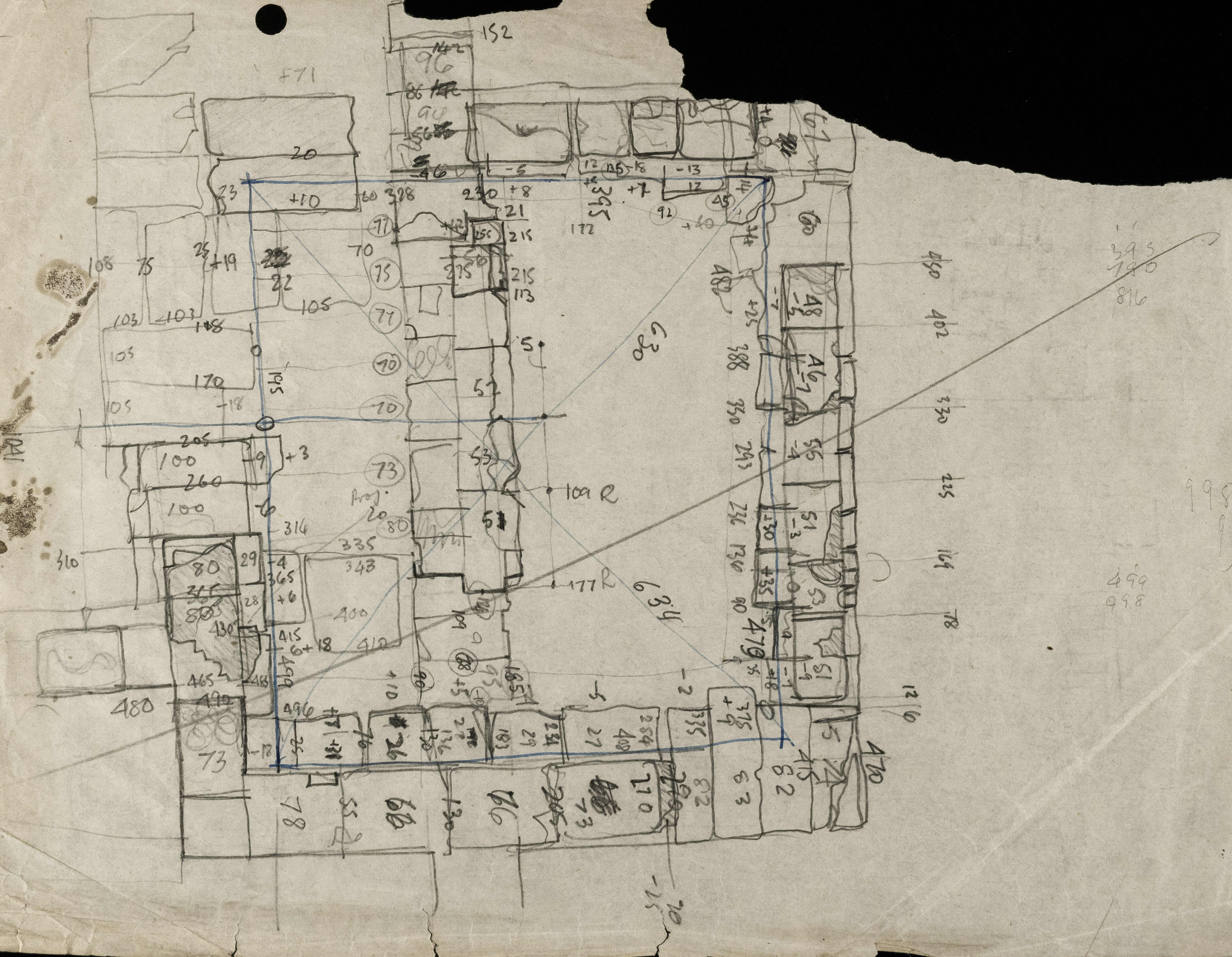
193
186
136
35
20
84
220
165
105
69
35
80
86
186
180
175
97
21
26
23
33
78
510
82
106
177
35
160
47
52
184
195
265
365
350
218
311
264
190
125
475
403
429
225
Down Pipe
365
738
320
676
640



8 A 2368
9 A 2315 72
10 2273 A 68
11 2229 A 52 B 138
12 2180
13 2135 A 148
14 2086 A 135 B 265
15 A 33 B 193
16 2000 A 122
17 A 1954 48 B 203
18 A 1902 B108 C 186 D 238
19 A 1861 91 B 223
20 A 1816 55 B 203
21 A 1782 58 B 159
22 A 1733 103
23 A 1693 78
24 A2 1660 4 126
25 A 1621 113
26 A 1583 B 87
27 A 1505 A2 87
28 A 1492 122
29 A 1453 78
30 1417 41 A 152
31 1368 A 132
32 1333 58 B 161
33 A 1296 55 78 B 161
34 1264 A 98 B 178
35 1233 A 96 B 190
36 1179 A 85 B 145 C 205
37 1134 A 62 B1 B2 B3 205 C 275
38 1089 A 112 B 215 C 321
39 1050 A 68 B 183
40 78 A 133
41 300 A. 162
A B C D1 D2
1 2676 125 193 350
2 A 28 B 98 C 180 C2 236 D 295. E
3 2604 A 21 B 165 C 288 D 408
4 2529 A1 A2 123 B 169
5 2524 A 70 B 112
6 2485 A 33 B 111 Fragmentary.
7 2436 A1 72 A2
8 2399 A 28

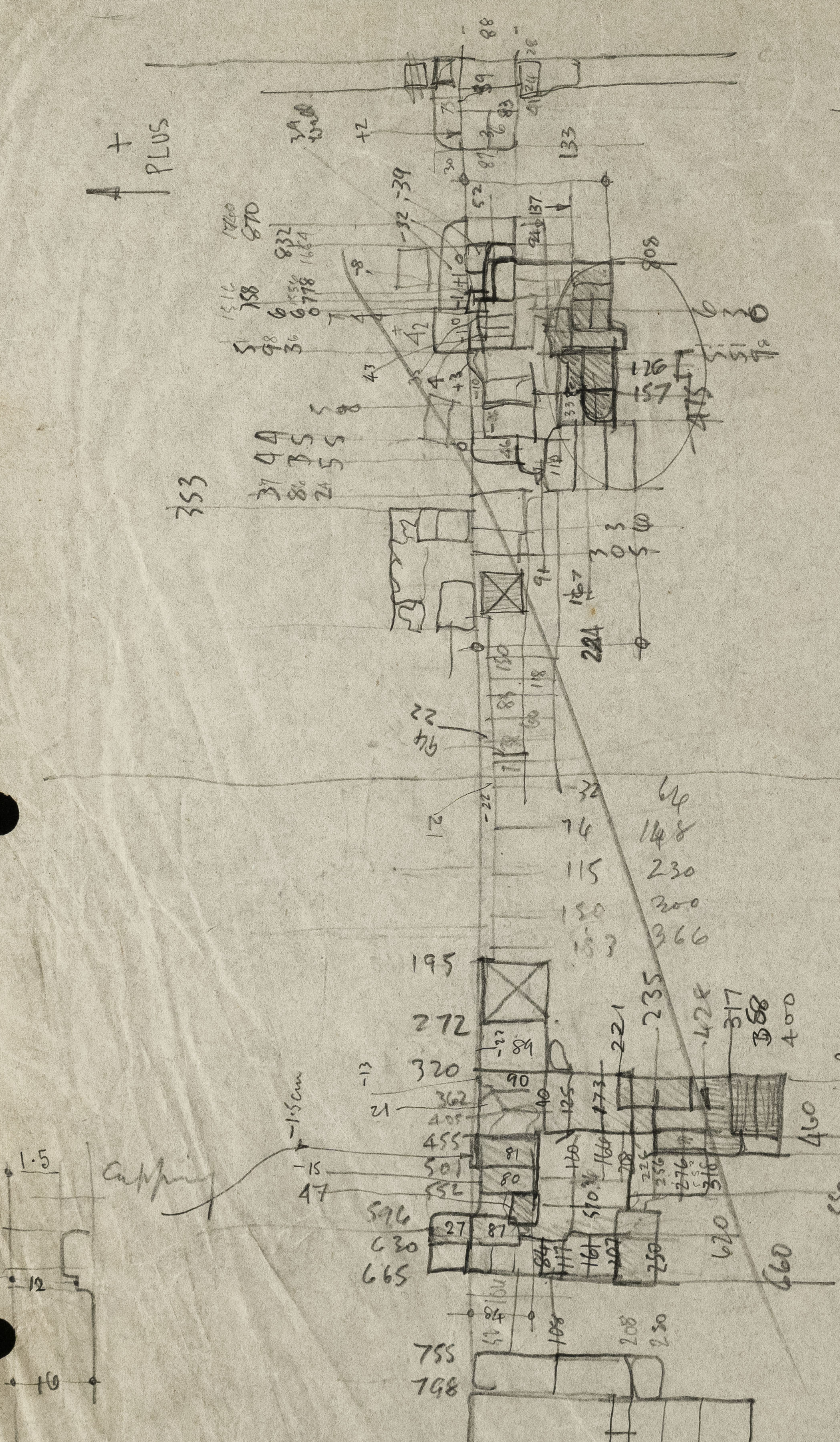
2012
1965
1987
1948
33
1820
1858
1780
1676
1675
1645
1558
1545
1494
1355
1243
1296
28
1196
1089
1051
971
1100
1034
28
912
+23
31
836
7950
3975
20
3925
3840
39
3872
3793
3722
3470
3565
3650
3380
3360
3219
40 Average
41
3141
3095
93
3085
3020
3032
2943
+50
+8
-50
5906
2953
37
2880
+50
2832
2800
5600
2790
5580
2715
5430
5356
32
2678
2676
2635
2600
2511
50
2550
2441
2430
2445
3374
2335
307
2235
+47
2230
305
2215
2210
2160
2150
2140
2100
2060
-8
+35
228
2012
1053
85
1034
Step

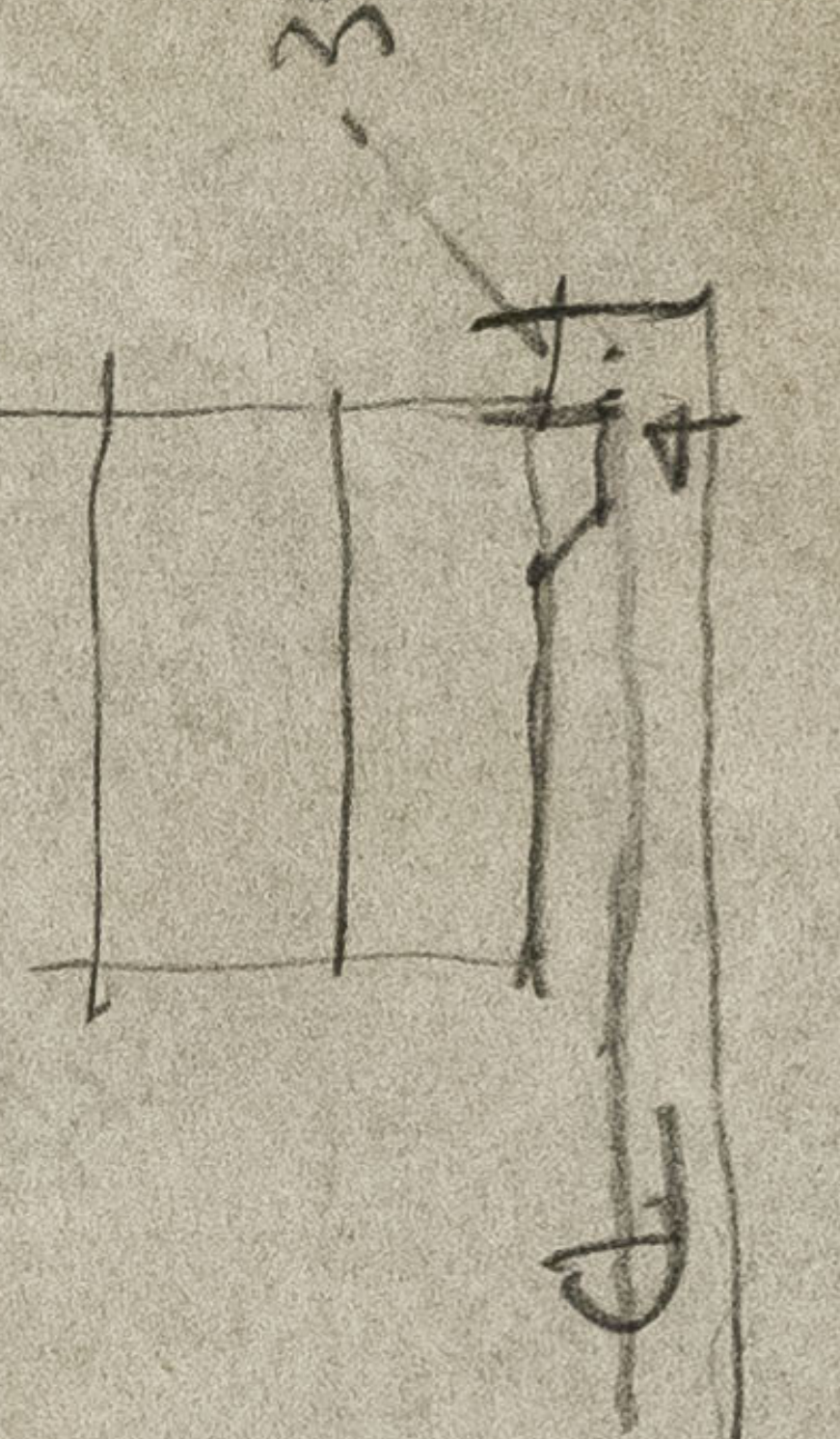

Wall
1336
668
239
478
340
680
391
782
440
880
498
996
544
1088
592
1184
641
1282
685
1370
728
1456
772
1544
824
1648
1878
939
1978
2076
1079
2158
2420
1210
1300
2600
2596
1443
2826
204
203
1570
130
222
279
1626
3252
1692
3384
3500
1750
1926
3852
1980
3960
431
225
65
345
406
155
2000
2104
2182
2264
4528
2373
2440
2530
2610
2795
5590
115
S. STYLOBAT
1.
2.
3.
4.
Wall

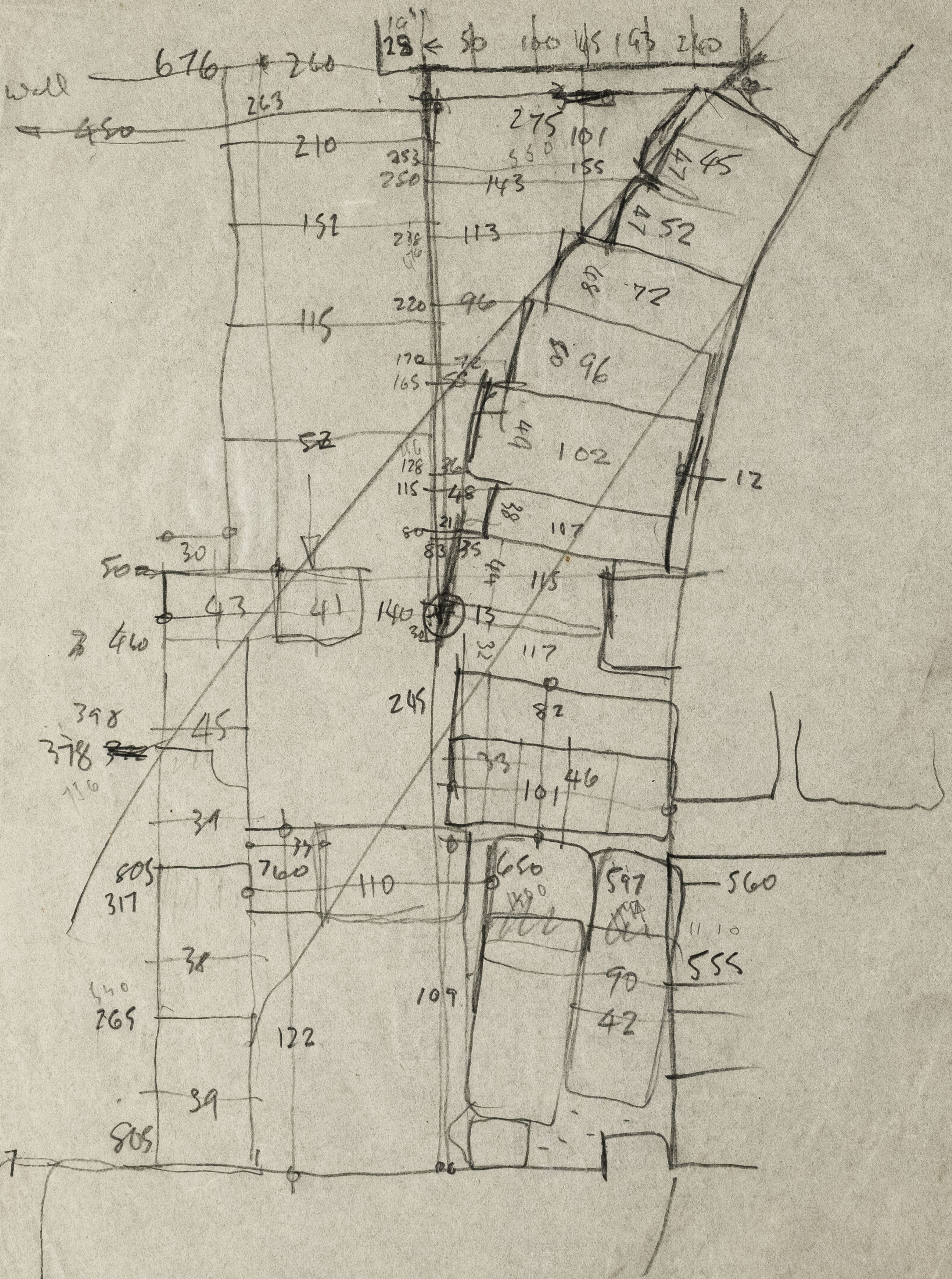


+10
+8
+40
+19
109 R
177 R

Door
700
825
1130
1810
910 1085
297
15
98
200
444
550
580
630
680
365
347
415
458
567
707
120
235
380
345
295
320
375
385
435
535
645
716
710
818
817
727
812
0
112
237
352
451
775
1800
1650
1410
1810
1665
610
760
135
83
125
155
1510
180
72
985
310
370
390
450
560
510
565
520
585
680
775
385
848
445
540
400
865
420
470
1560
710
810
1340
1440
157
520
550
610
1855
1980
710
1820
2000
447
543
590
630
720
694
335
1044
965
900
935
845
1310
840
1135
560
800
505
215
315
170
145
325
915
1898
1683
1387
1388
1268
205
276
422
478
503
562
139
740
772
1137
1460
1586
998
900
50
150
190
11

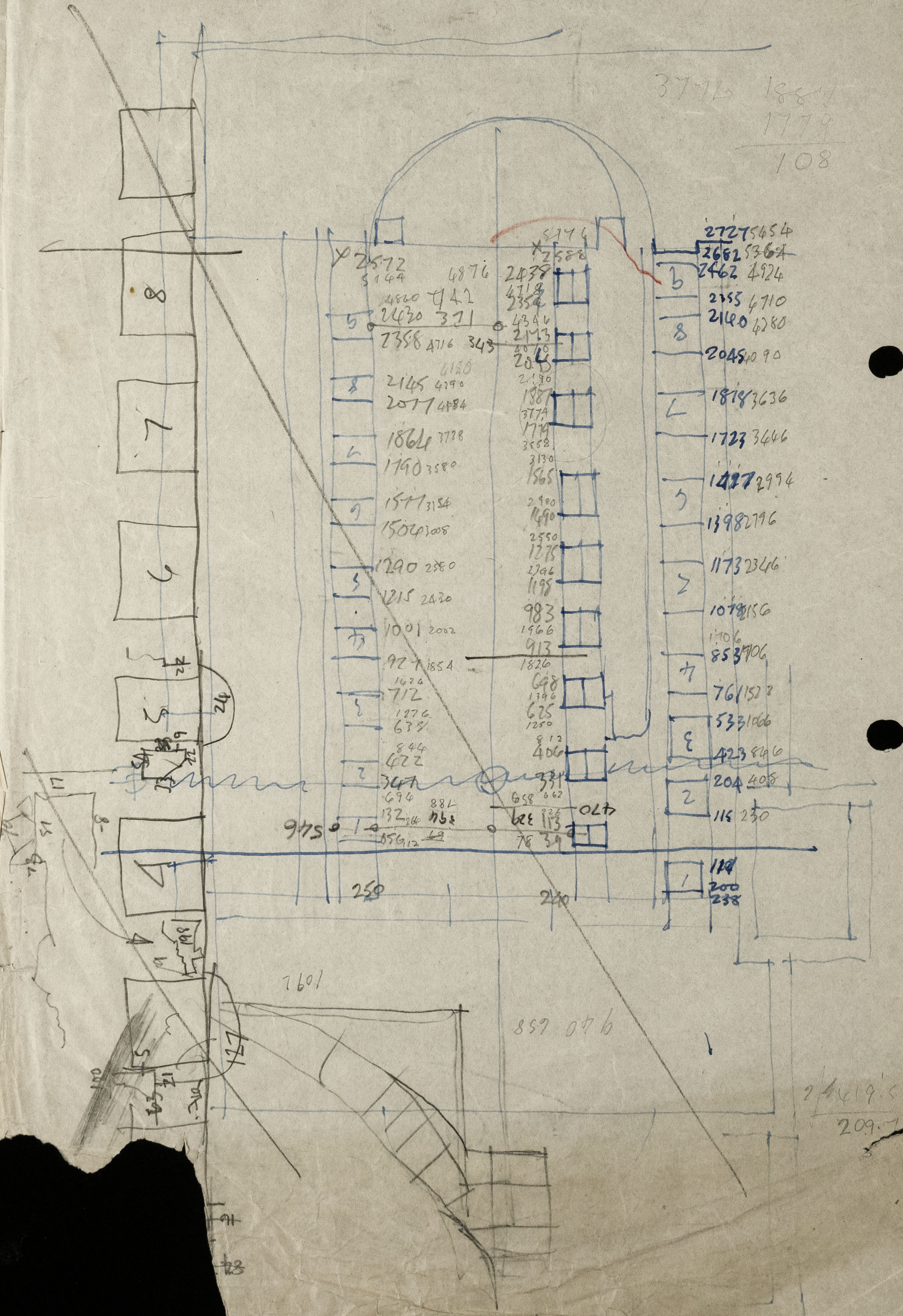

+ PLUS
353
195
272
320
455
501
552
596
630
665
755
798
780
235
620
660
460
505
550
388
776
-1.5cm
-15
47
Capping
1.5
12
10


-3cm



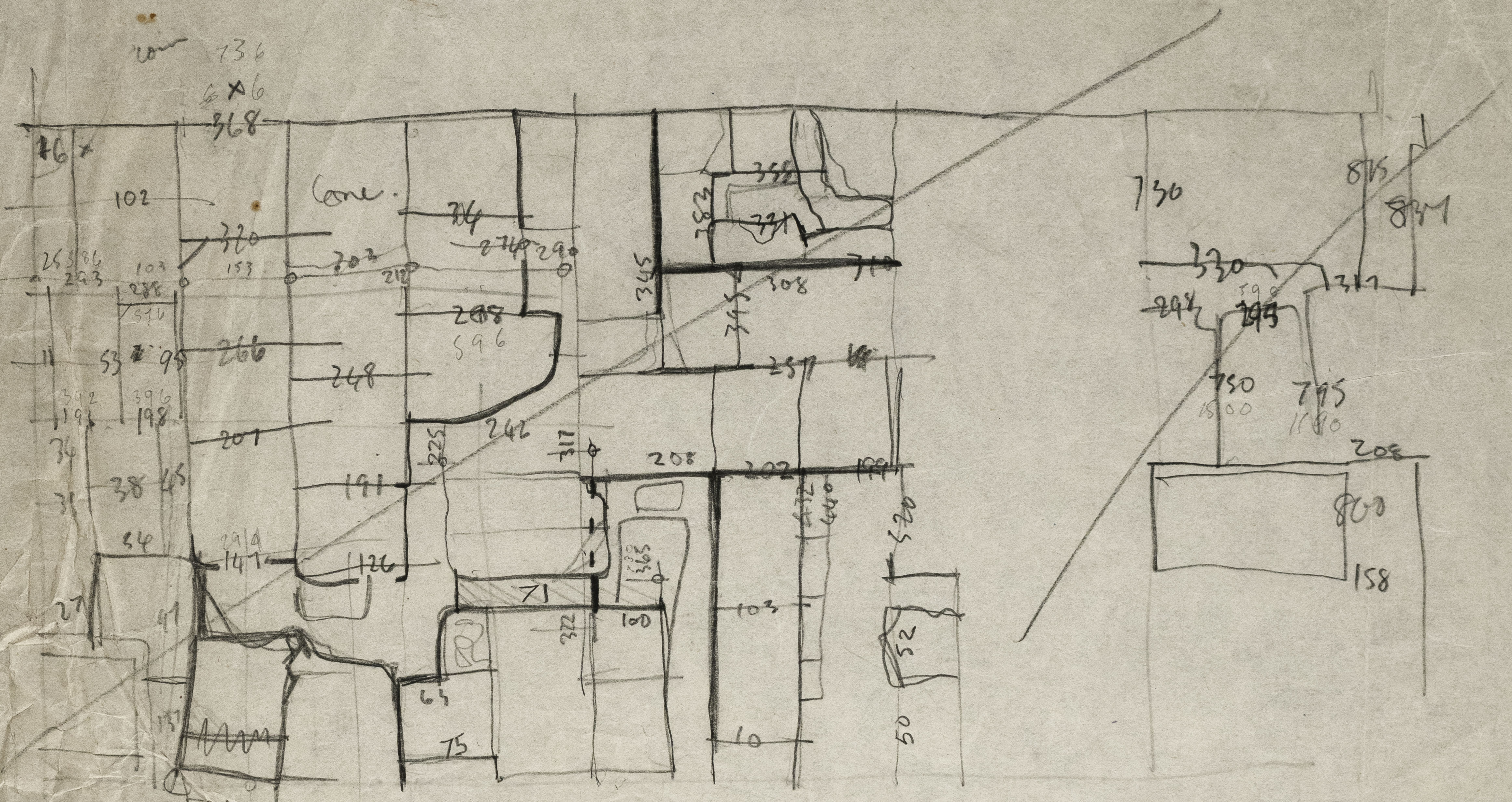
10'1
wall

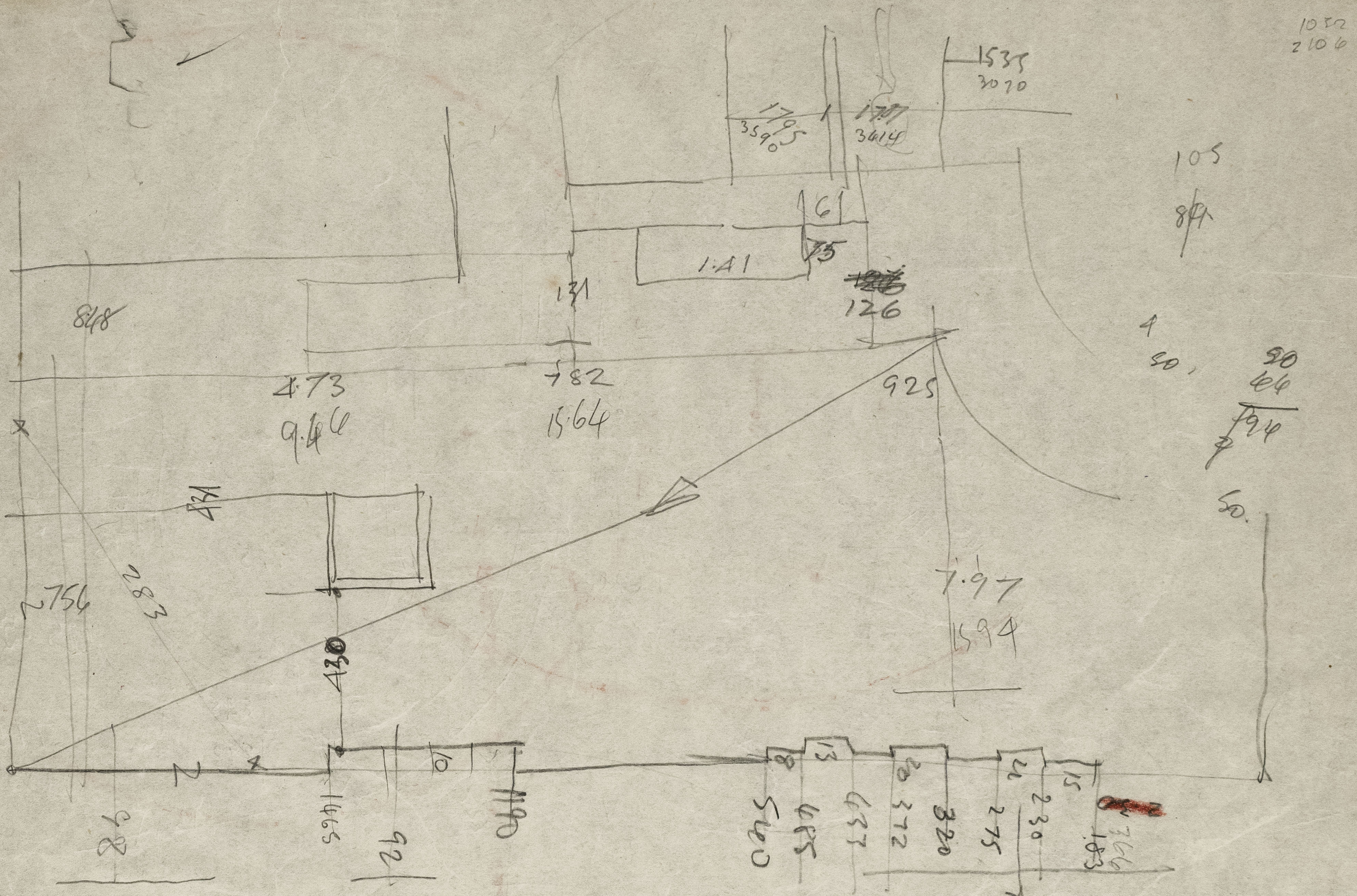
346
A
Raised Portion cut round base
C
Recess
Col
Base Course
316
5380
5318
5242
5160
column Base
Spare
Raised piece
286
572
5636
5646
2823
2690
2140
Missing
Missing
Granite
N.
Sky Toale
148
47
41
34
29
63
75
82
67
72
16


3774 1887
1779
108
2727 5454
2682 5364
2462 4924
2355 4710
2140 4280
2045 4090
1818 3636
1723 3446
1497 2994
1398 2796
1173 2346
1078 2156
853 1706
761 1522
533 1066
423 846
204 408
115 230
118
200
238
5176
2588
2438
4718
2354
4346
2173
2041
1887
3774
1779
3558
1565
3130
1490
1275
1198
983
1966
913
1826
698
1396
625
1250
812
406
331
662
113
470
78 34
2572
5144
4876
4742
2430 371
2358 4716 343
2145 4290
2077 4484
1864 3728
1790 3580
1577 3154
1504 3008
1290 2580
1215 2430
1001 2002
927 1854
712 1424
635 1276
622 844
347 694
132
856
5146
250
240
8
7
6
5
4
24
1092
940 658
2419.5
209.7

N. Stylobate Outside. 2

1000
101
81
84
98
103
107
71
61
56
48
51
55
1012
110
165
86
50
49
57
117
92
94
87
97
78
2
1700
1650
1602
1928 3856
1924 3848
1824 3648
1630
1586 3172
1536 3072
1431 2874
1332 2662
1281 2562
1068 2136
1010 2020
969 1938
2346 4692
2298 4598
2186 4372
2144 4288
2019 4038
1979 3958
2372
2329
2256
2208
2163
2121
2078
2031
2930
2882
2787
2737
2690
2420 4840
1004
1009
660
619 1238
557 1114
505 1010
461 922
409 818
363
319 638
297 594
250 500
2000
208
154 308
90
70
41
45
145
165
287
72
44
move
Wall


cour
6×6
Cone.
1500


1052
2106
1535
3070
1795
3590
1797
3614
105
84
1.41
61
75
126
131
848
4.73
9.46
782
15.64
925
4
50
90
104
194
50.
431
2756
283
430
7.97
15.94
2
10
98
1465
92
110
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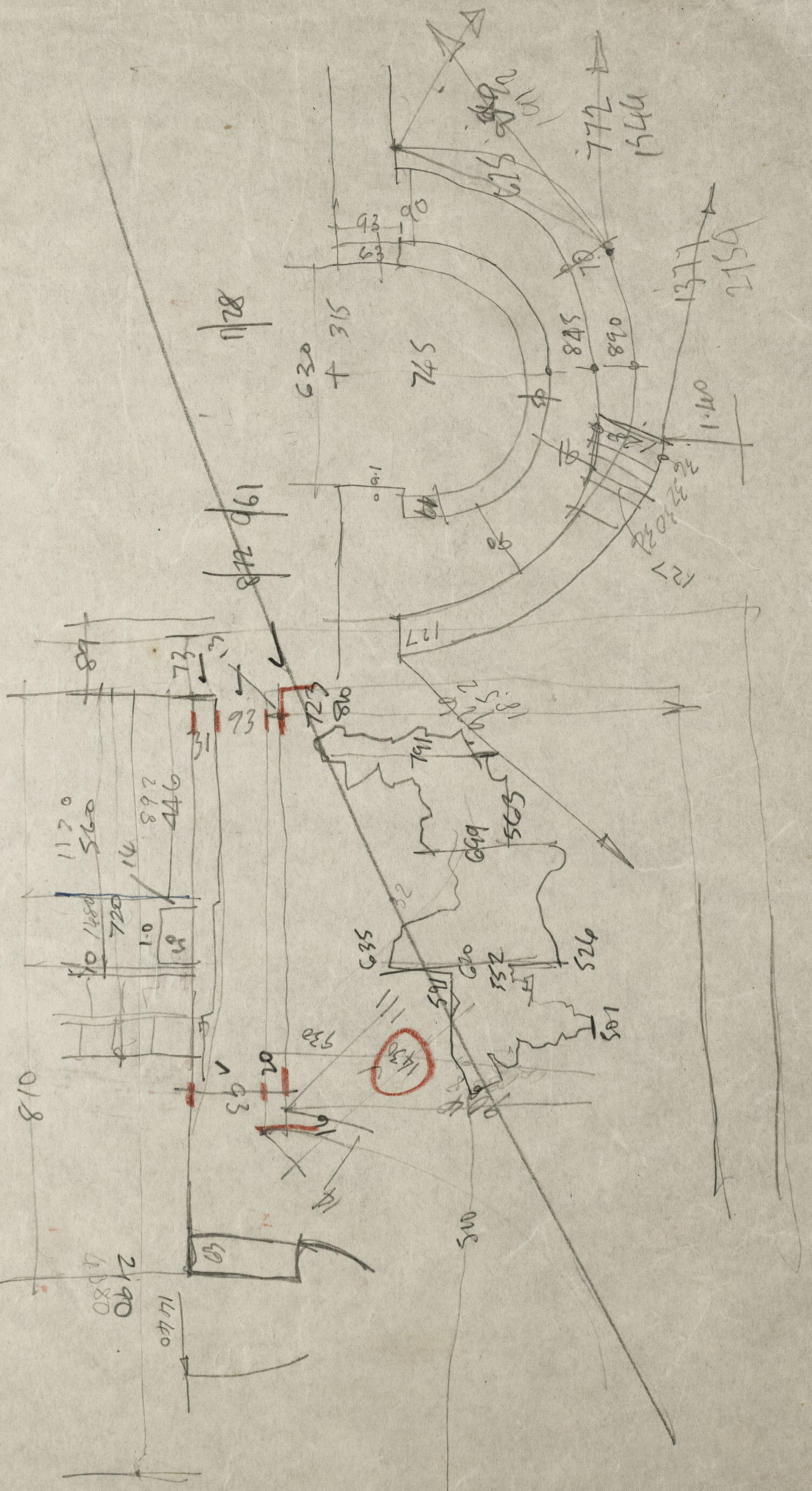
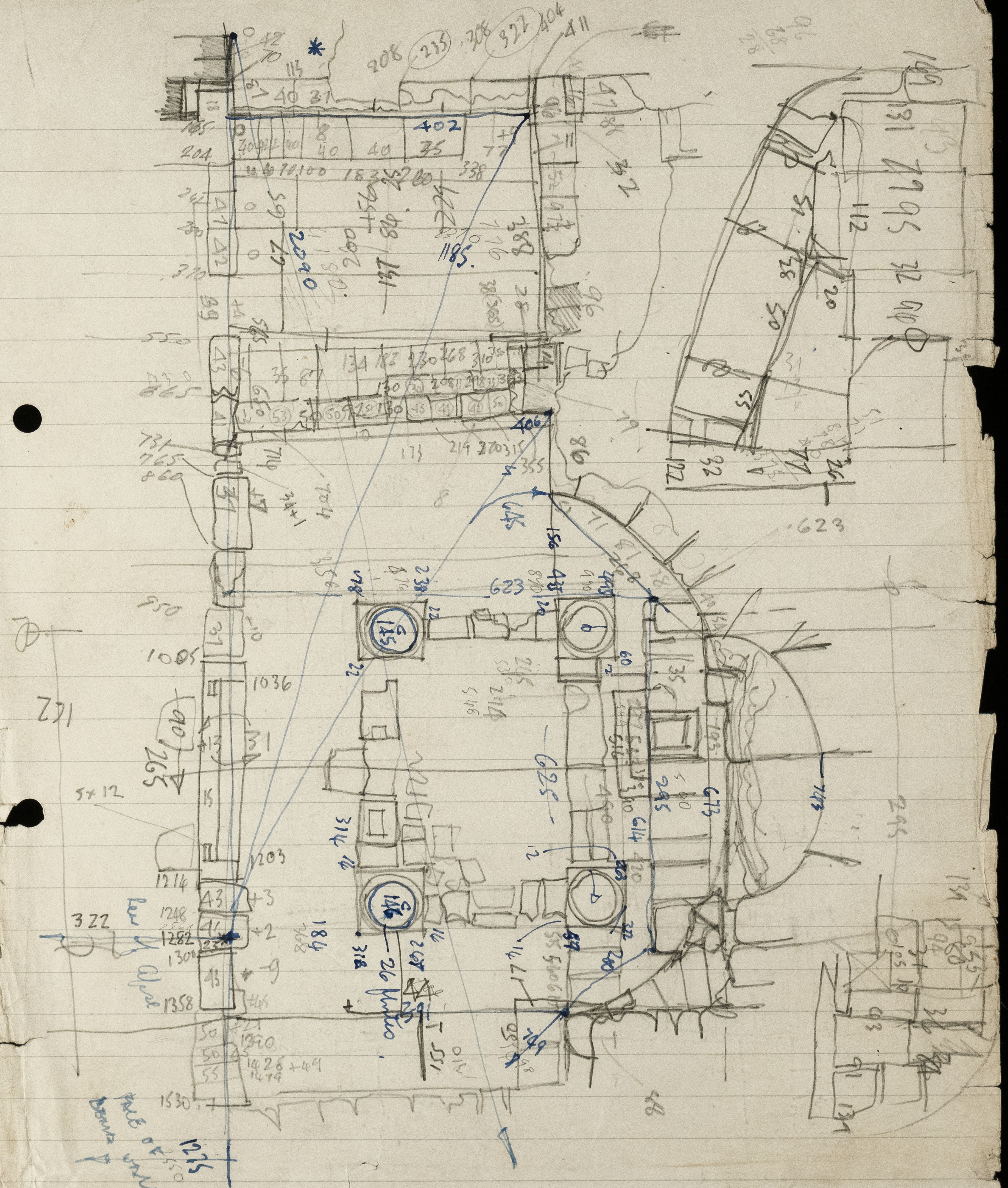
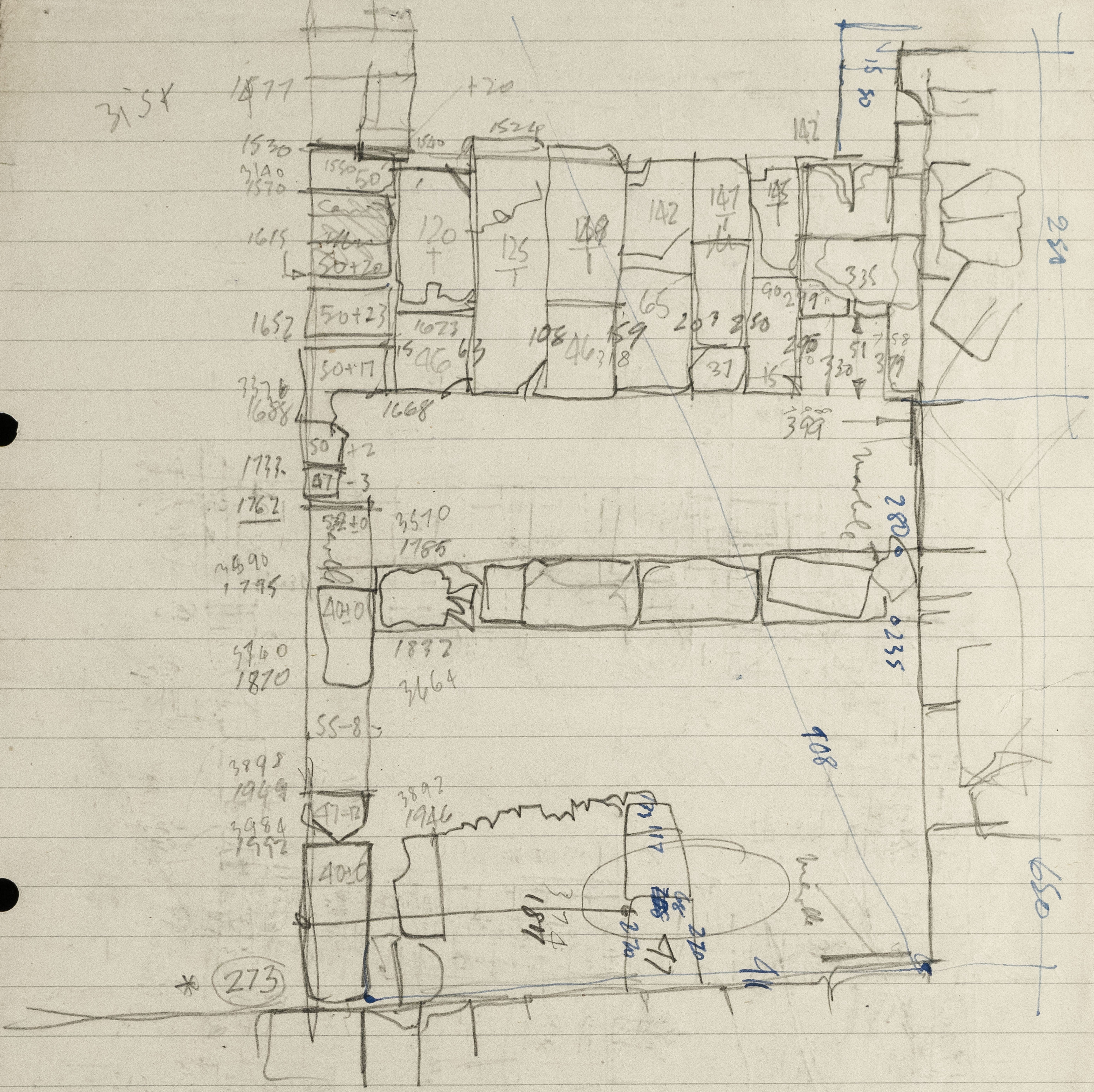
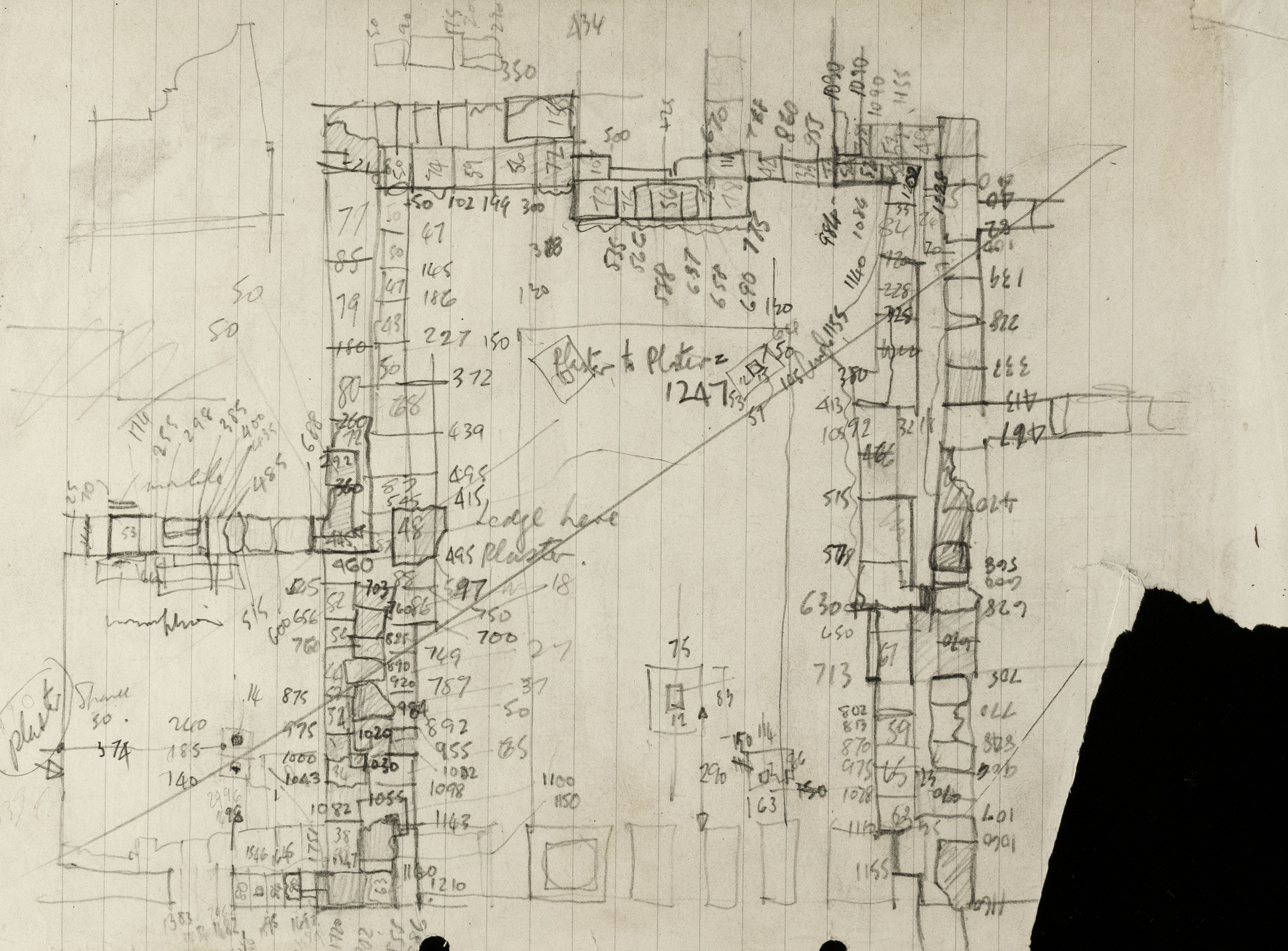
372
320
275
230
183
366


745
630
315
1128
93
63
90
845
890
772
1444
1377
2150
1.400
127
872
961
810
723
791
563
669
635
620
552
526
501
591
93
31
73
89
1170
560
892
446
720
1480
810
2190
1440
510
1430

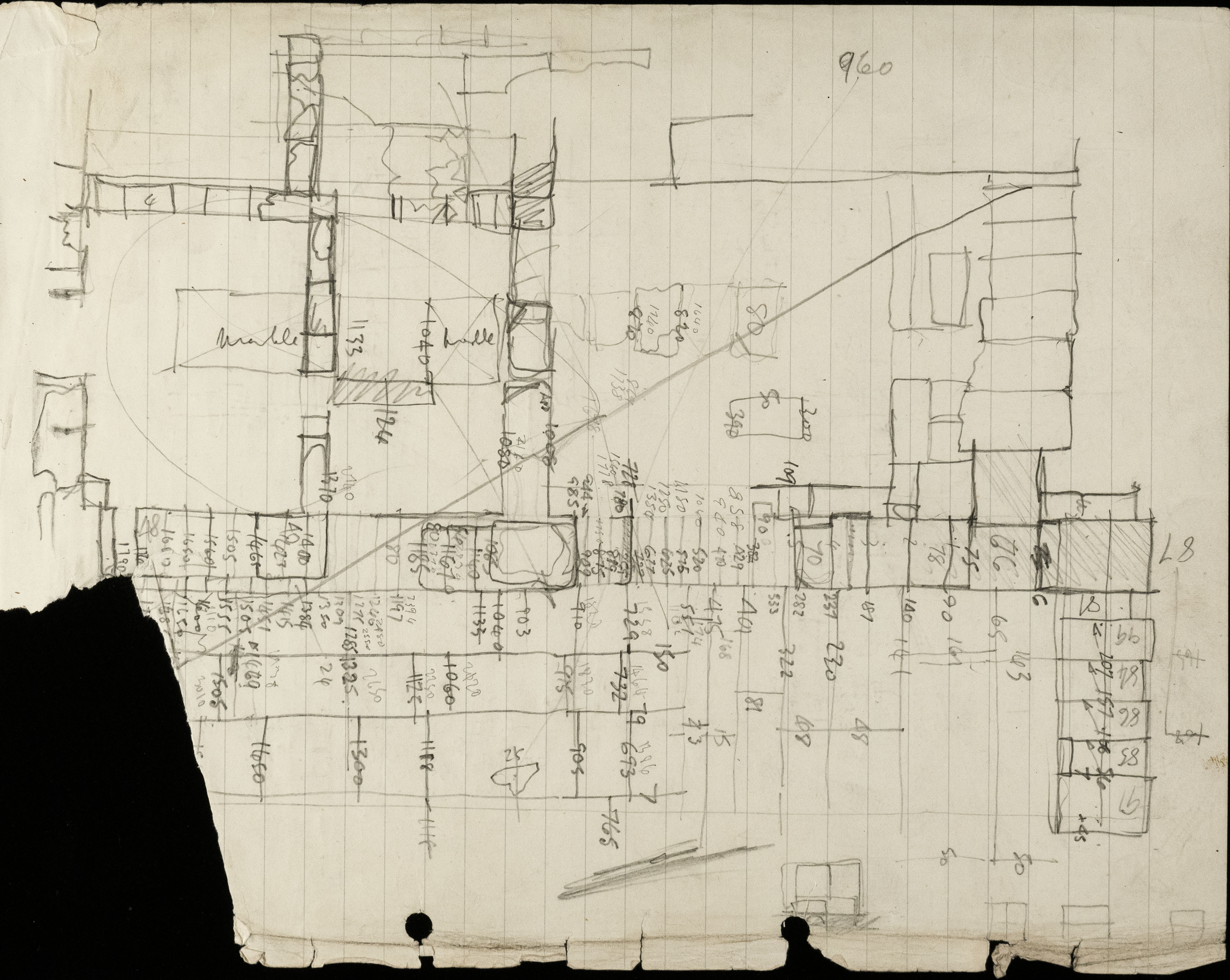


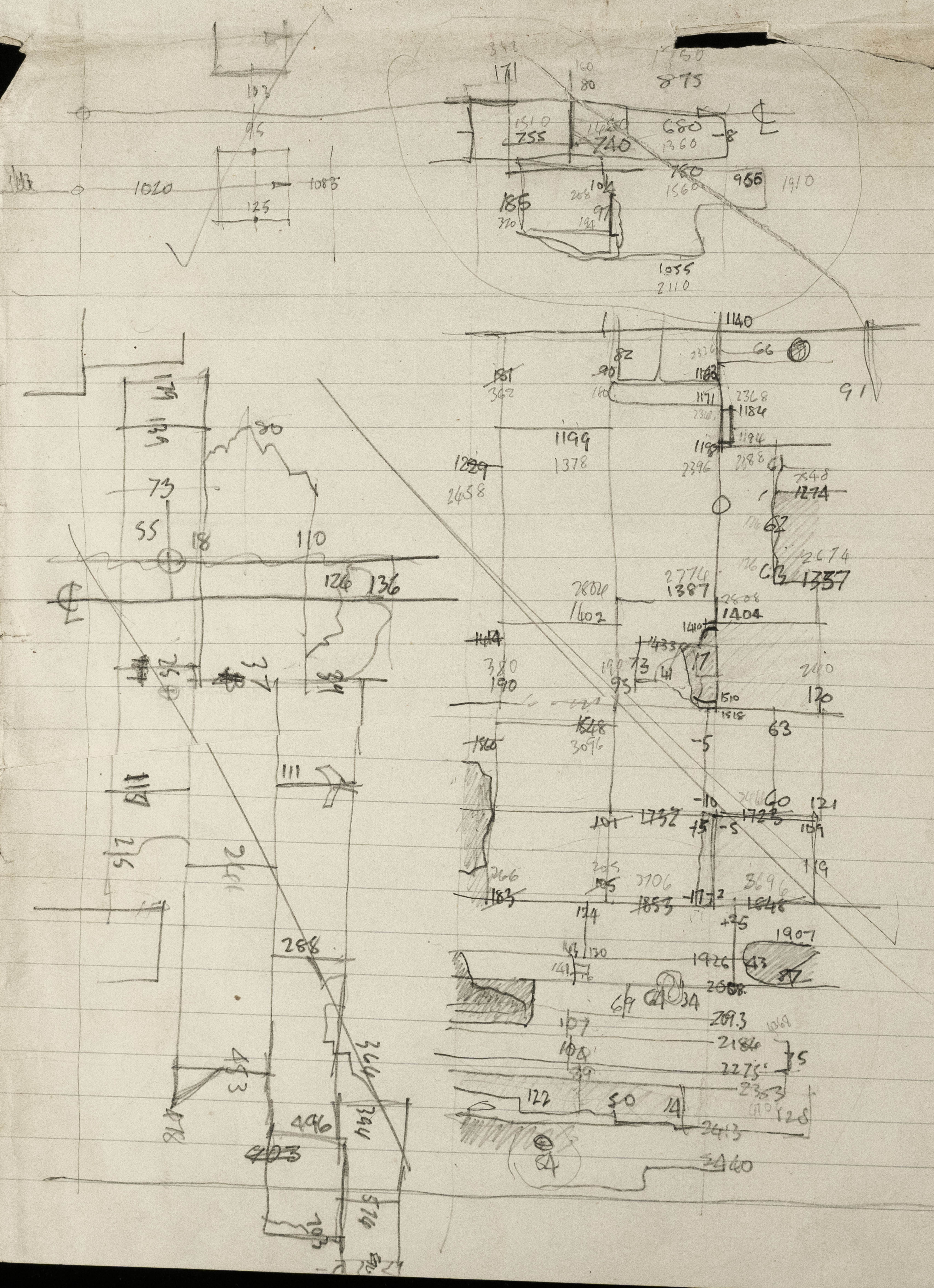
line of apse
face of Dome wall
2090
C 145
C 146
26 Unites
1530
5 x 12


+20
1530
1540
1524
1550
1570
1615
50+20
1652
50+23
1623
1688
1668
+2
1733
-3
1762
1785
1795
1832
1870
55-8
1949
1946
47-17
1992
1877

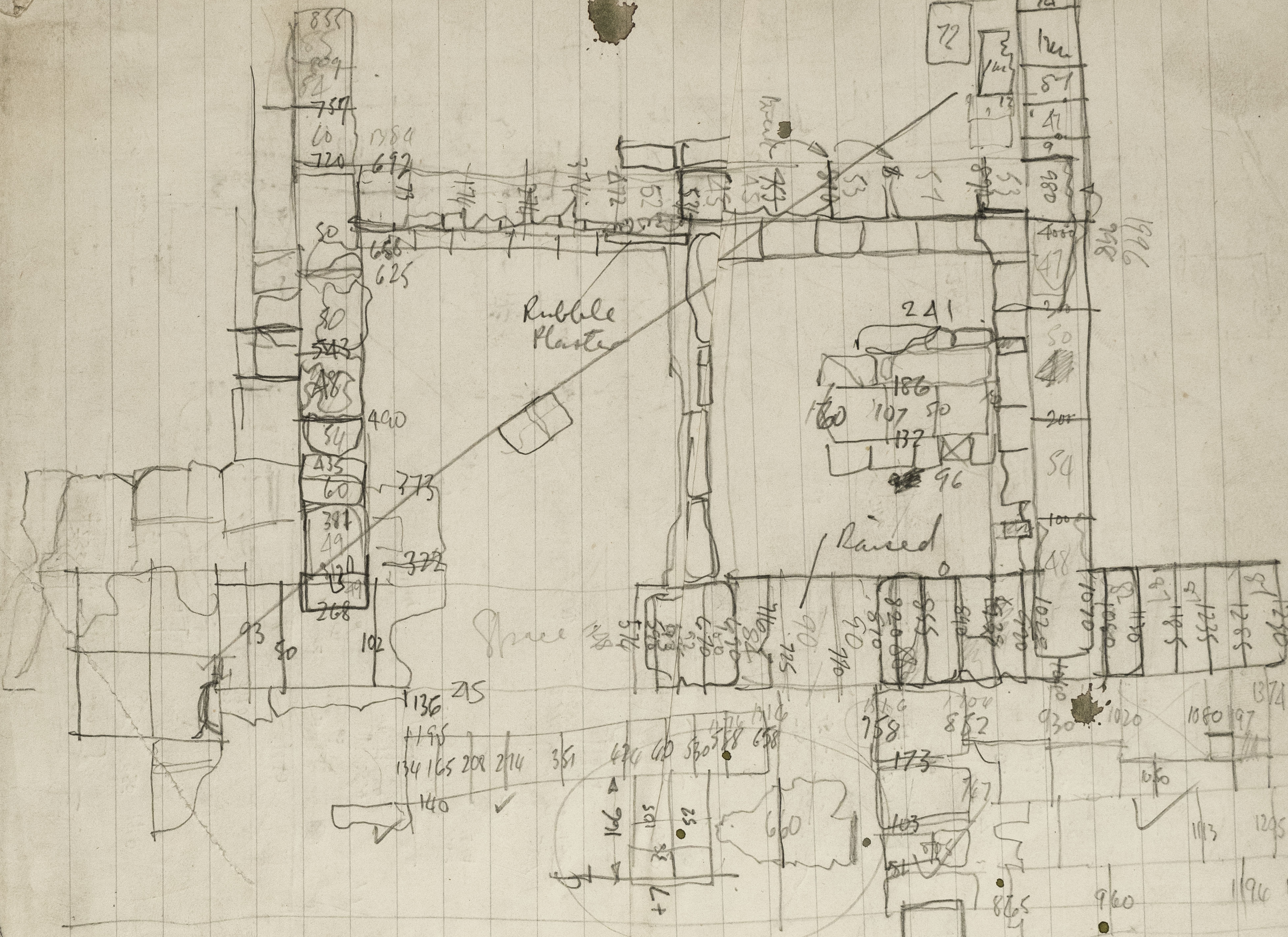


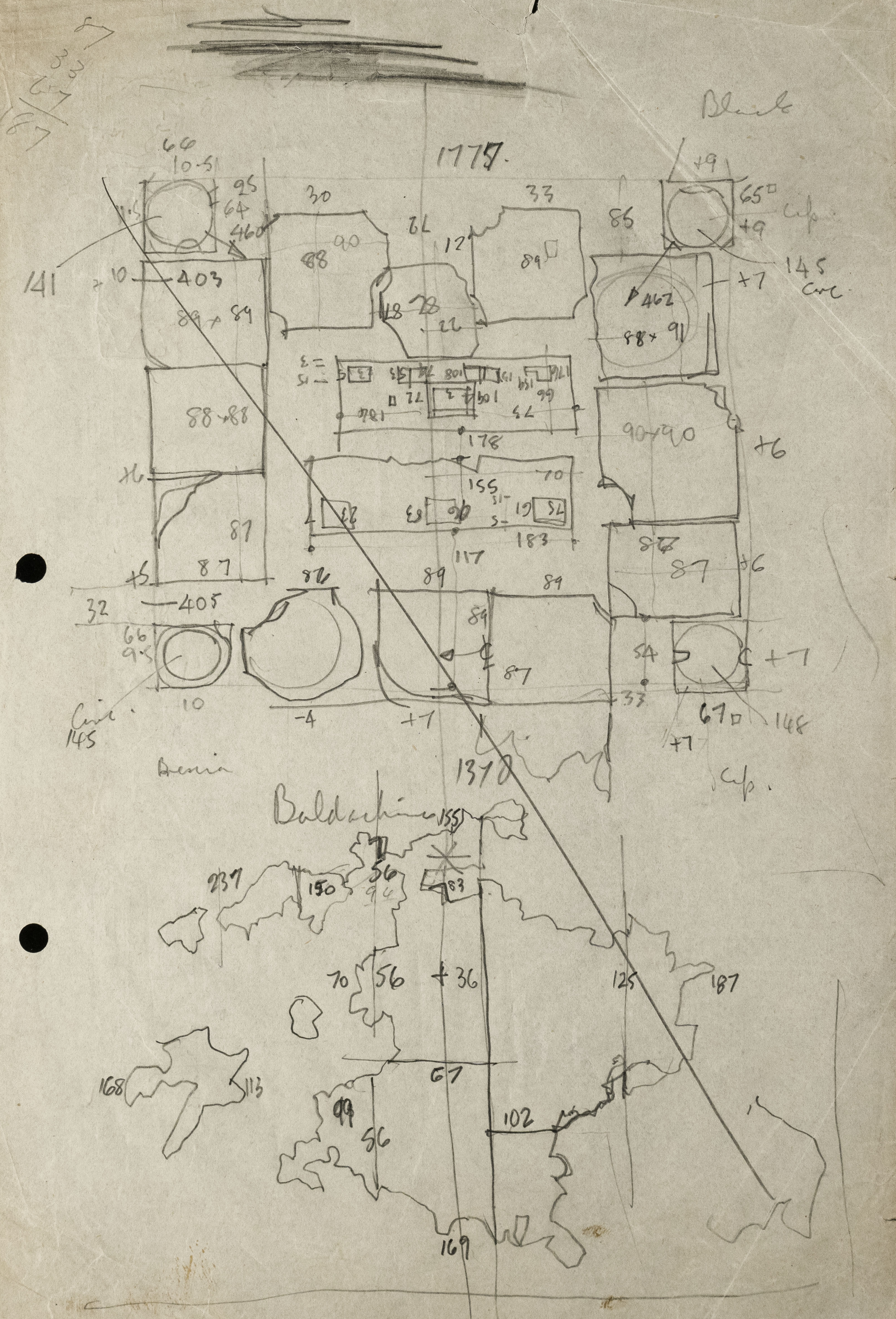
Plaster to Plaster = 1247
Ledge here
495 plaster
plaster
Shell

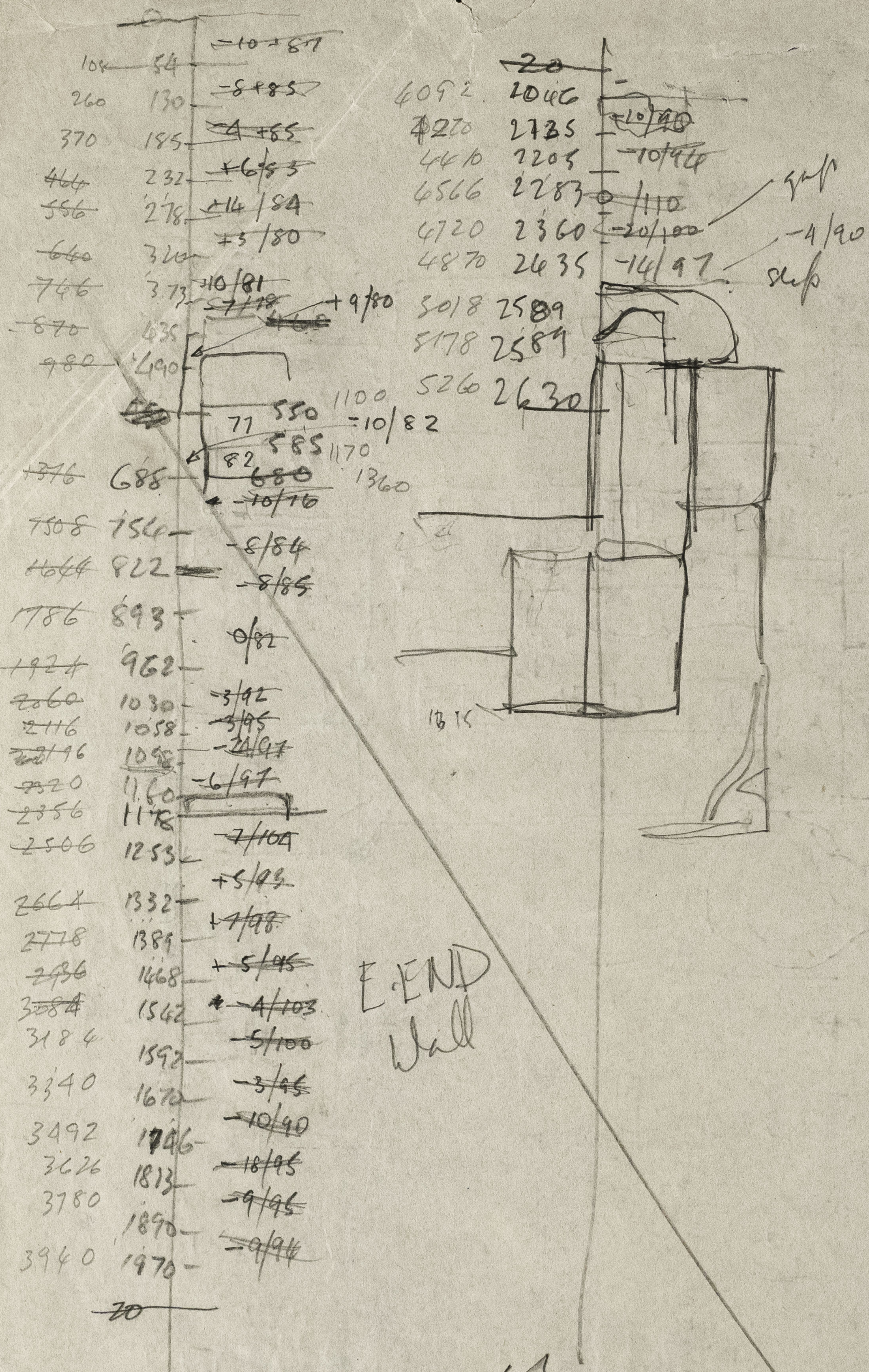

marble
marble
1505
1650



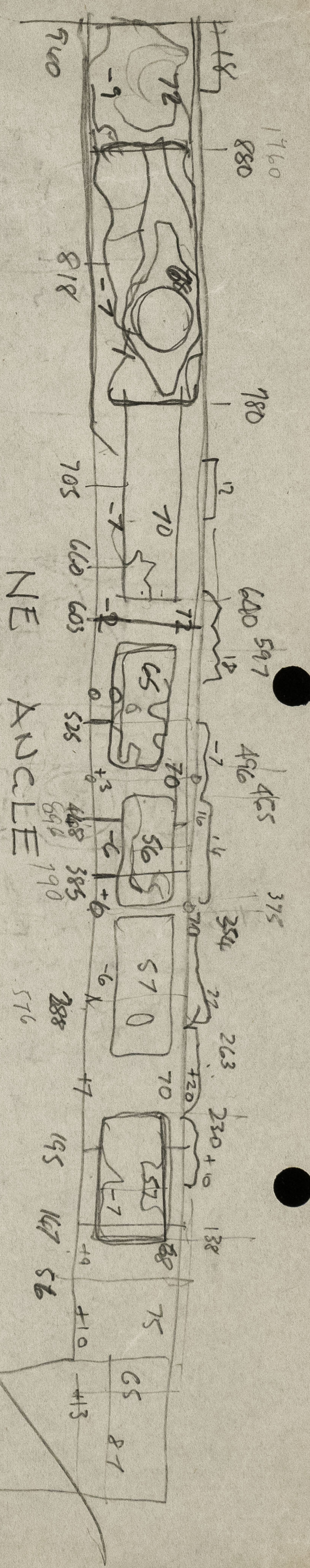
1560
1910
1602
1548
1860
1732
1723
1853
1848
1926
1907
2093


Rubble
Plaster
Space
Raised
1996
+7

87
33
63
87
1777
Black
66
10.5
95
64
460
141
+10
403
89×84
88×88
+6
87
+5
87
30
88
90
72
12
33
89□
18
28
22
86
+9
65□
Cap.
+9
145
Circ
462
+7
88×91
90×90
+6
178
155
70
183
117
86
87
+6
32
405
66
9.5
10
Circ
145
82
-4
89
84
+7
84
87
84
54
+33
67□
148
+7
+7
Cap.
Breccia
1318
Baldachino
155
237
150
56
94
83
70
56
+36
125
187
168
113
67
99
56
102
169

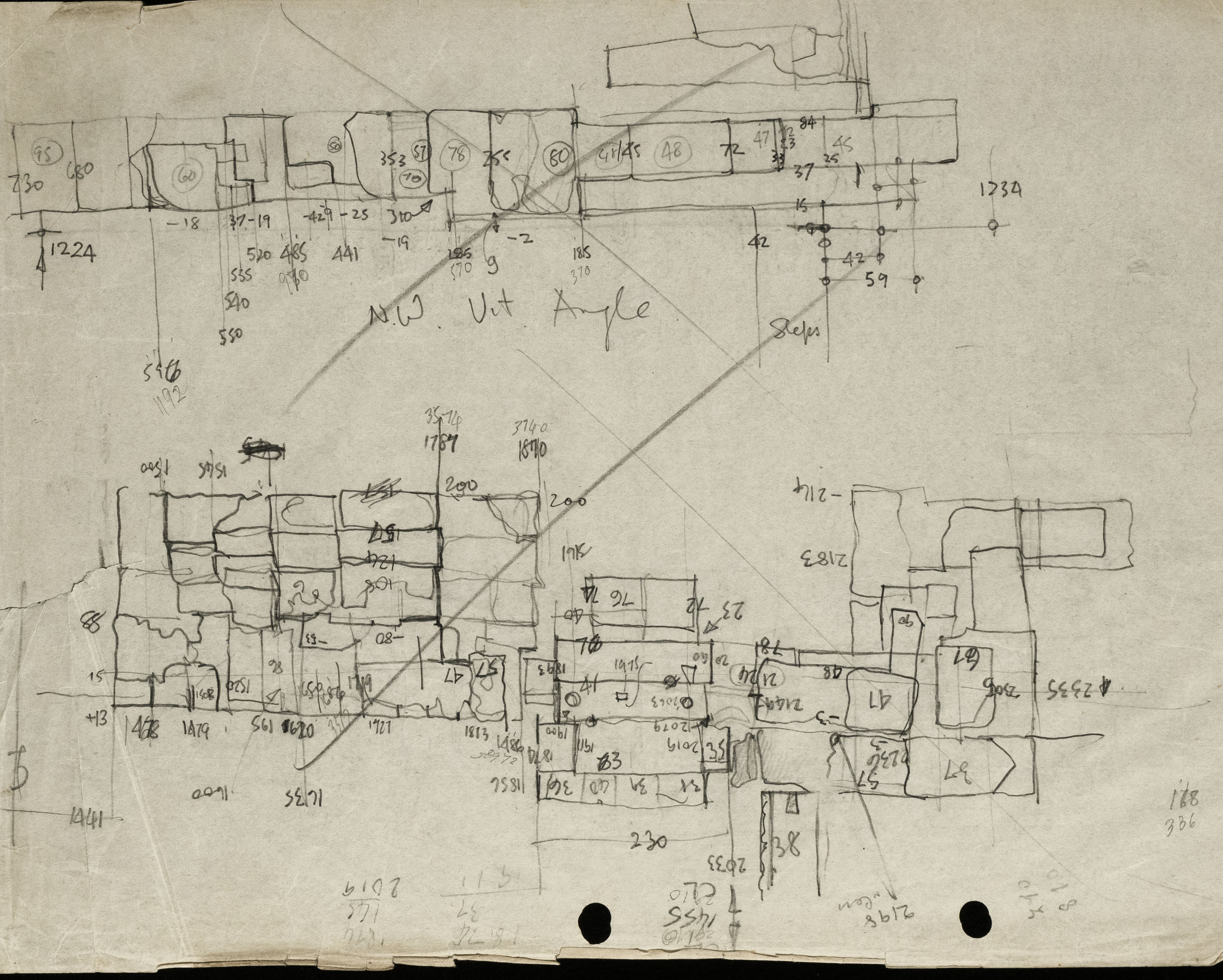


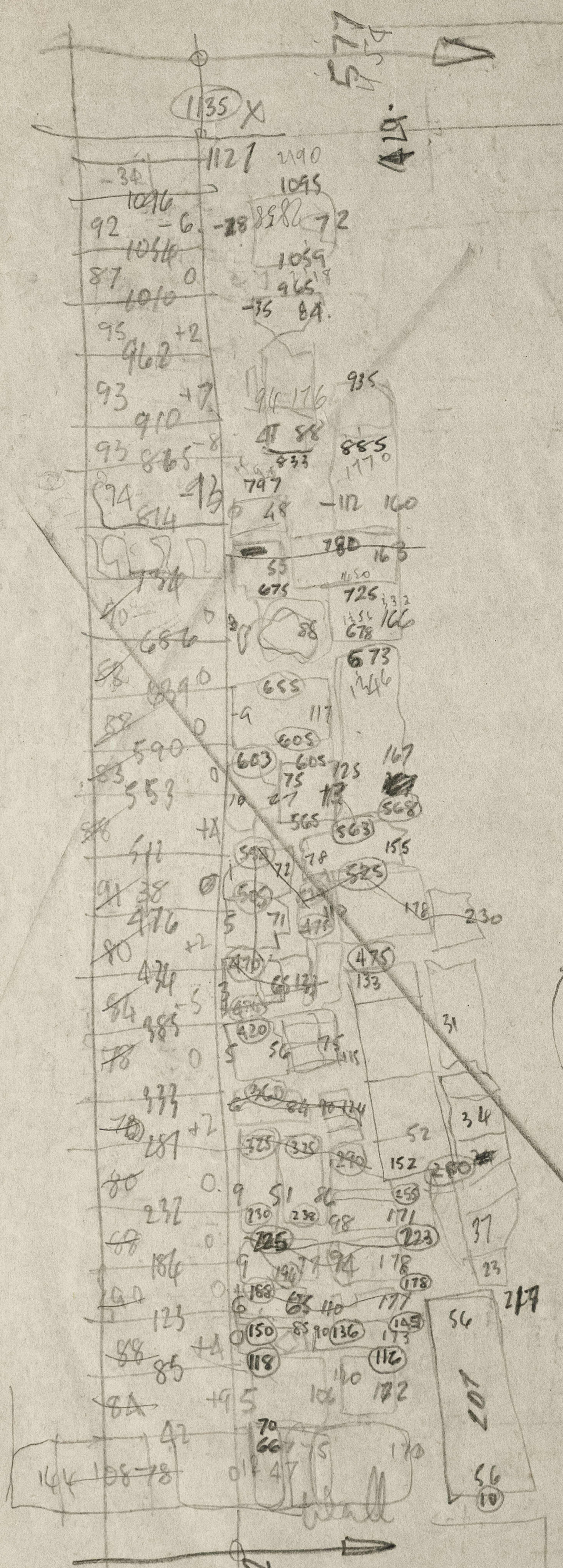
0
108 54 ~~-10+87~~
260 130 ~~-8+85~~
370 185 ~~-4+85~~
~~464~~ 232 ~~+6/83~~
~~556~~ 278 ~~+14/84~~
~~660~~ 320 +3/80
~~746~~ 373 ~~+10/81~~
~~870~~ 435 ~~-7/78~~ +9/80
~~980~~ 490
77 550 1100 =10/82
82 585 1170
~~1376~~ 688 ~~680~~ 1360
~~-10/76~~
~~1508~~ 756 ~~-8/84~~
~~1644~~ 822 ~~-8/85~~
1786 893 ~~0/82~~
~~1924~~ 962
~~2060~~ 1030 ~~-3/92~~
~~2116~~ 1058 ~~-3/95~~
~~2196~~ 1098 ~~-24/97~~
~~2320~~ 1160 ~~-6/97~~
~~2356~~ 1178
~~2506~~ 1253 ~~-7/104~~
~~+5/93~~
~~2664~~ 1332 ~~+7/98~~
~~2778~~ 1389 ~~+5/95~~
~~2936~~ 1468 ~~-4/103~~
~~3084~~ 1542 ~~-5/100~~
3184 1592 ~~-3/95~~
3340 1670 ~~-10/90~~
3492 1746 ~~-18/95~~
3626 1813 ~~-9/95~~
3780 1890 ~~-9/94~~
3940 1970
~~20~~
~~20~~
6092 2046
4220 2735 ~~-10/90~~
4410 2205 ~~-10/94~~
6566 2283 ~~0/110~~
4720 2360 ~~-20/100~~ gulf
4870 2635 -14/97 -4/90 slip
5018 2589
5178 2589
5260 2630
1815
E. END Wall



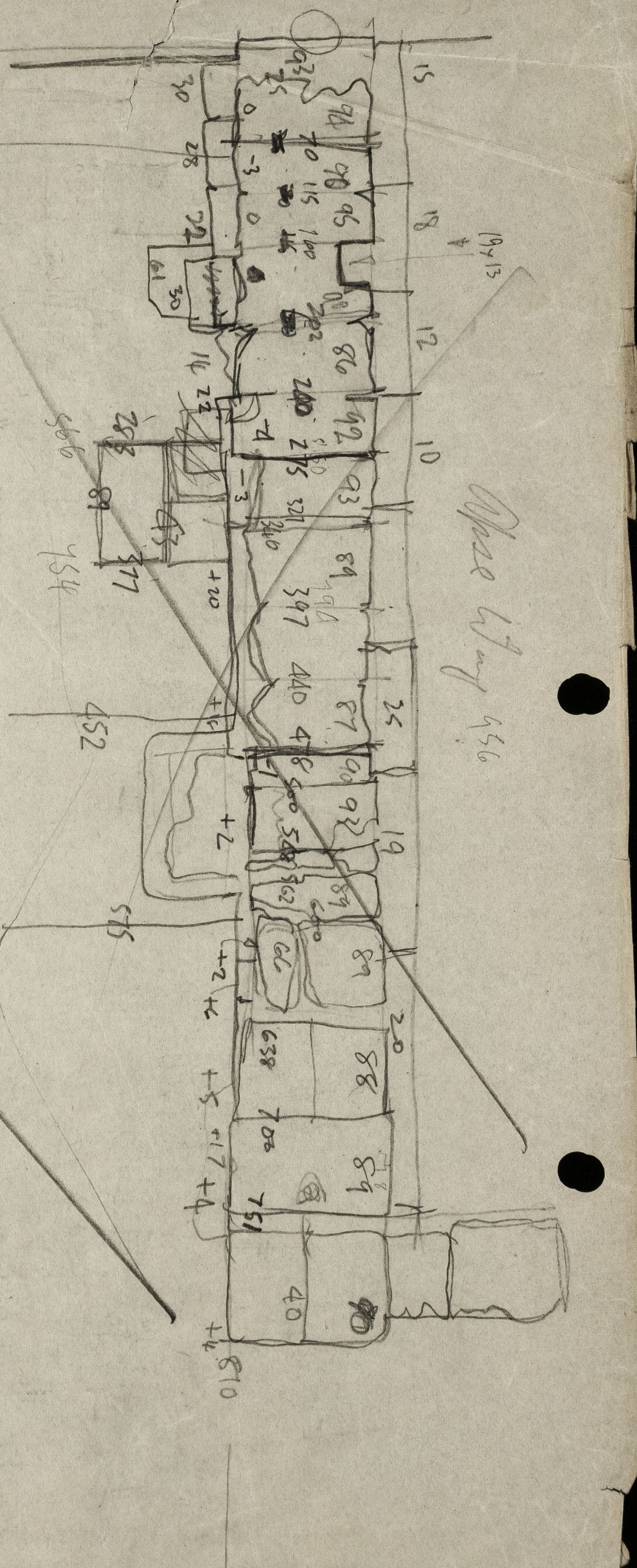
NE ANGLE
-9
1760
-7
-7
-2
-7
+3
+6
-6
+20
+7
230 +10
-7
+9
+10
+13

1/5260
2630

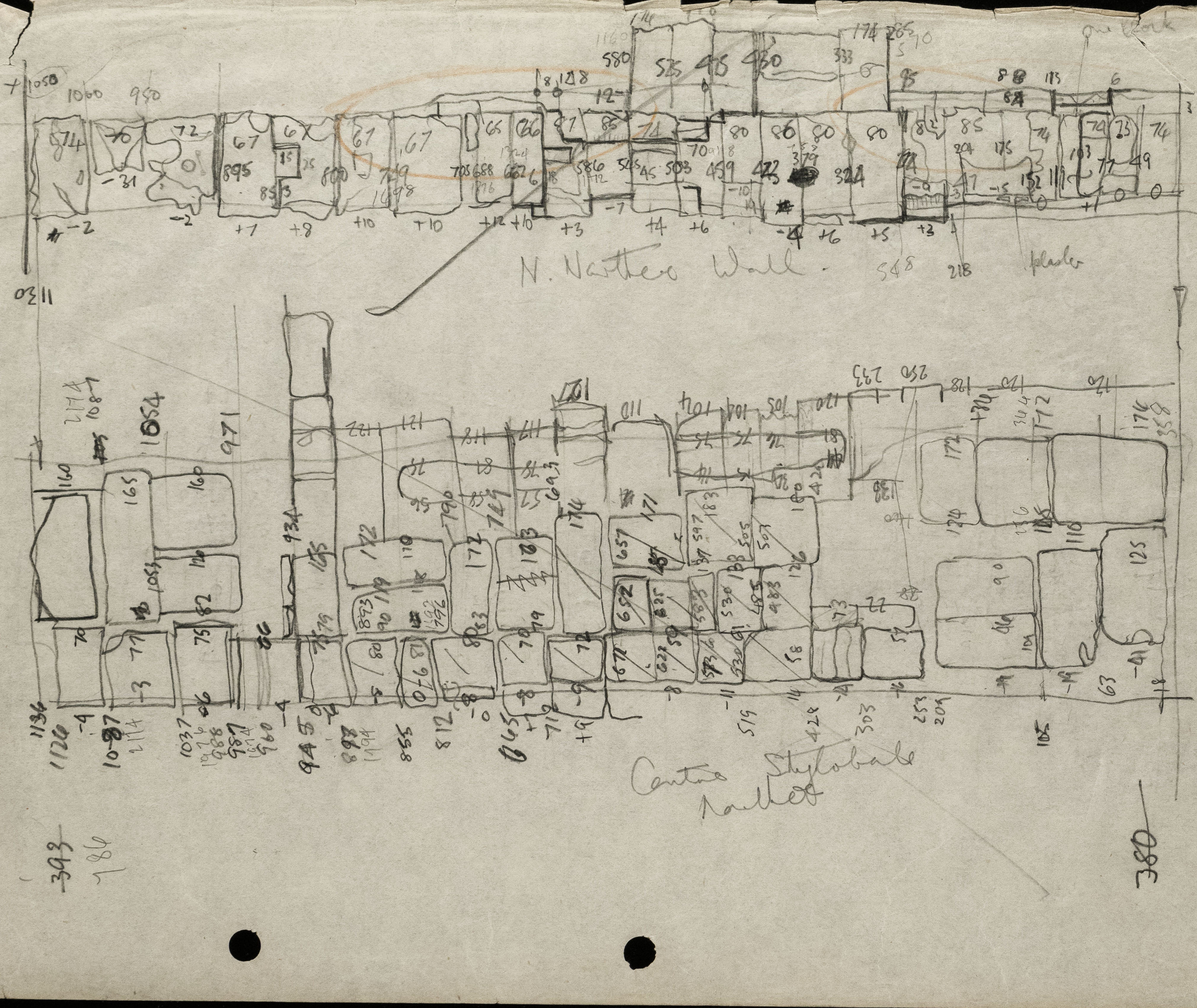

N.W. Ext Angle
Steps
-18
37-19
-42
-25
-19
-2
1787
1870
-214
2033
1600
1635
1856
+13
2019
2079
2063



wall



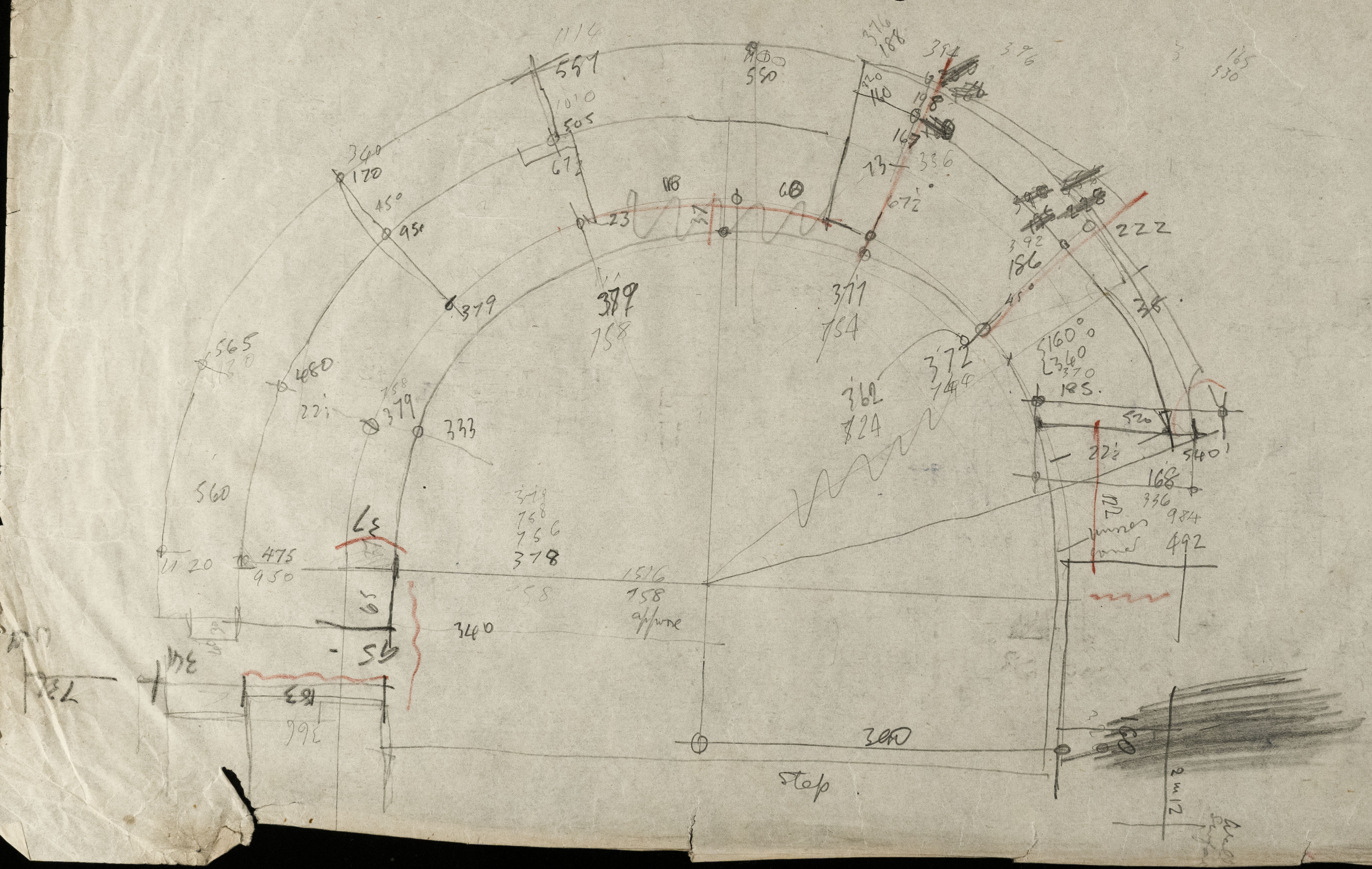
Open Way 456


on block
plaster
N. Narthex Wall
548
218
Center Stylobate
Narthex
380
393
786

248
155
182
90
120
205
270
284
431
360
400
405
440
490
470
6°
10°
12°
19°
386
283
348
360
442
525
45
90
127
203
336
0°
100
26°
210
505
320
480
328
381
Panel
6cm
938
469
A
466
90
105
60°
333
255
215
412
51°
540
100
18°
253
236
361
125
302
115
90
100°
330
375
112°
327
182
152° 30
192
384
183
180
335
330
430
473
477
515
433
411
376
348
258
268
272
208
181
211
105
140
175
100
200
6
5
4
3
2
542
547
574
595
598
600
140°
945
12

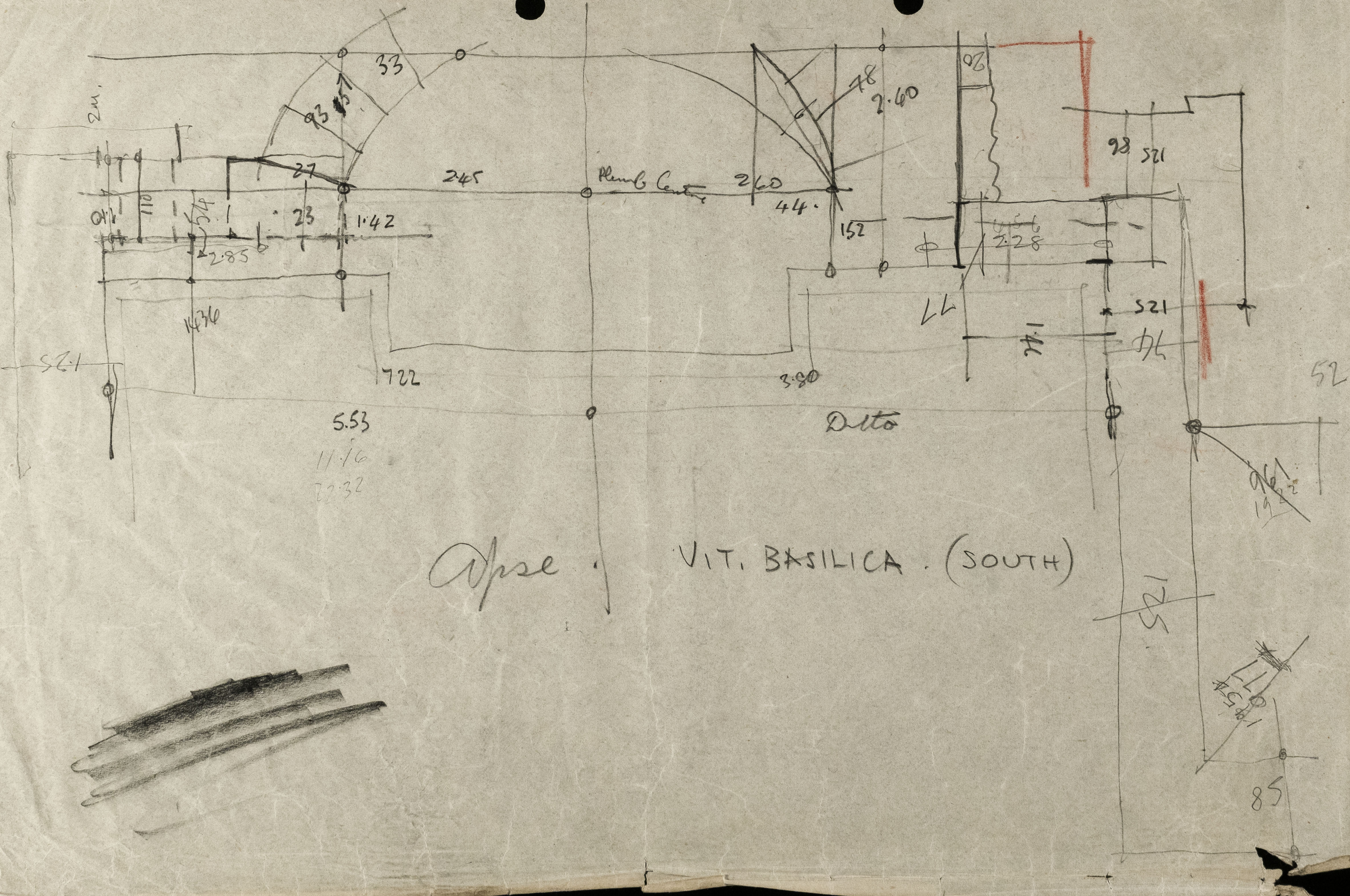
50
51
297
594
391
782
682
1364
397
794
8.04
1.25
102
980
498
996
678
970
1356
975
980
1960
975
1950
784
50
40
392
75
388
560
7.15
148
91
R. 1260
2520
50
20
2060
420
435
877
1754
90
102
146
200
954
477
155
210
241
1761
3 m
98
231
26
1227

565
310
400
480
570
662
620
555
570
678
550
960
640
480
500
852
520
330
355
640
35
550
473
376
1100
946
752
269
105
1059 Wall.
2104
1340
1150
860
670
575
470
796
398
465
930
560
1120
160
560
7
1050
958
1916
2240
1120
1280
2560
292
386
180
214
75
12
147
103
204
205
10
240
161
625
33
48
152
538
10
6
8

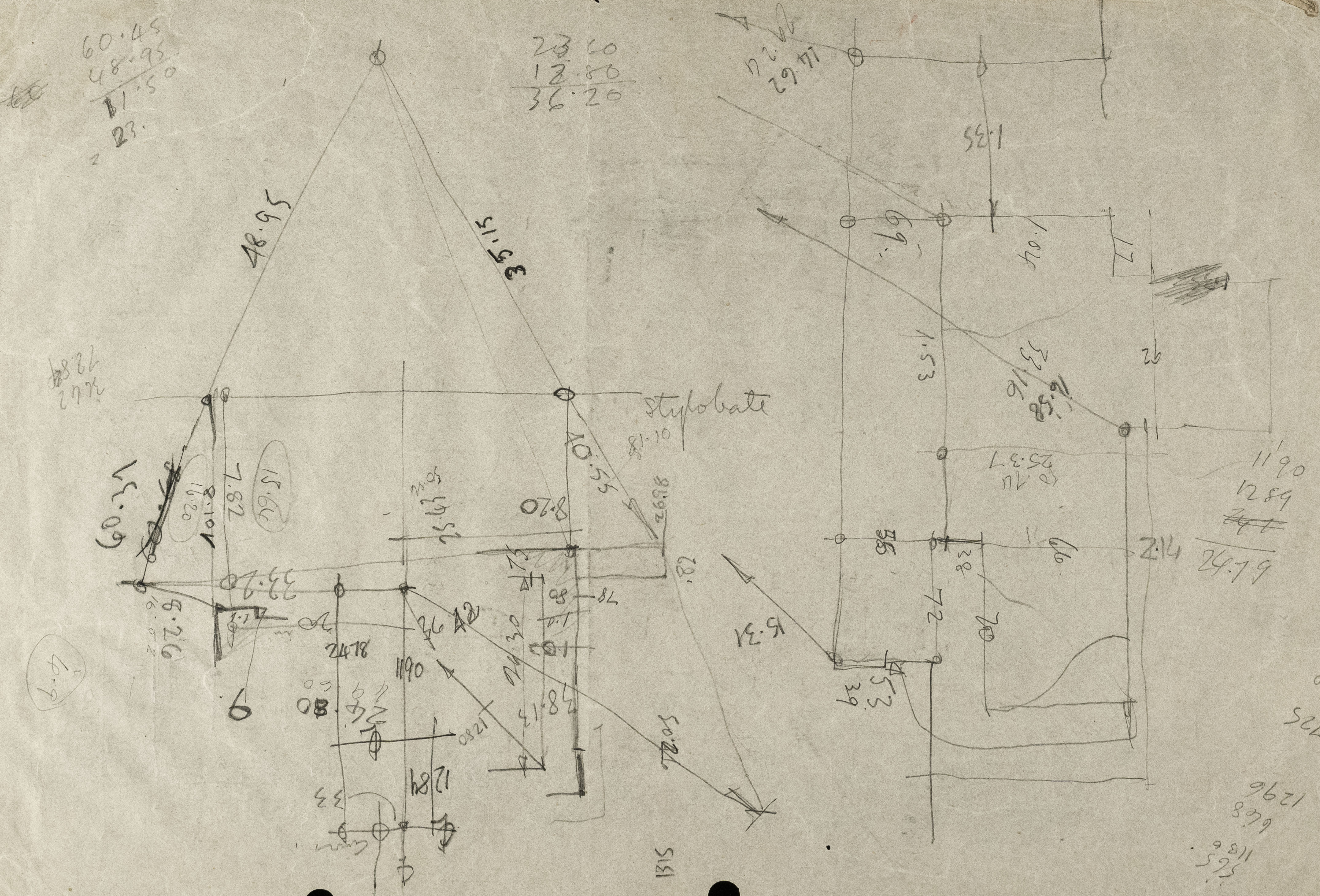

67½
67½
45°
45°
160°
22½
inner curve
22½
1516
approx
Step
2 in 12

144
22
35
23
46
24
59
66
54
20
18
21
22
38
38
23
8
34
5
22
34
4
10
23
41
11
43
21
32
33
33
81
81
76
76
270
340
45
51
97
306
145
940
205
34
91
4
2
567
34
451
902
1134
240
700
.23
253
506
244
272
344
343
132
235
350
360
420
13
366
150
140
1
2
3
5
1190
595
25
580
680
73
70
72
143
67
67
38 76
41 62
43 86
76
152
35
46
59
140
42
1.44 m
= 1.44
192
384
5.135
32
10.270
15705
1.67.320
29
138.32

33.60
16.70
16.36
32.72
1.005
1.19
2.38
17
1.43
30.5
15.25
16.76
29.52
85
73
81
88
Stone Here
8.80
17.6
8.0
10
3.5
7
2.26
4.52
1.8
87
82
84
88
1.70
27
90
5.5
12
48
68
60
86
250
260
42
51
27.28
250
68
318
317
634
34.56
1450
29
438
876
10
186 ℄ to apse
184
46.8
9.36
15.33
24.40
1.13
36
.87
1.06
1.06
3.20
3.85
2.94
1.70
1.53
2.4
4
3
2
1


33
93
157
2u.
27
245
Plumb Centre
260
44.
78
2.60
152
98
521
110
5/4
23
1.42
2.85
1436
521
722
3.80
5.53
11.16
22.32
Ditto
2.28
77
74
521
52
961
192
521
177
85

Apse. VIT. BASILICA. (SOUTH)



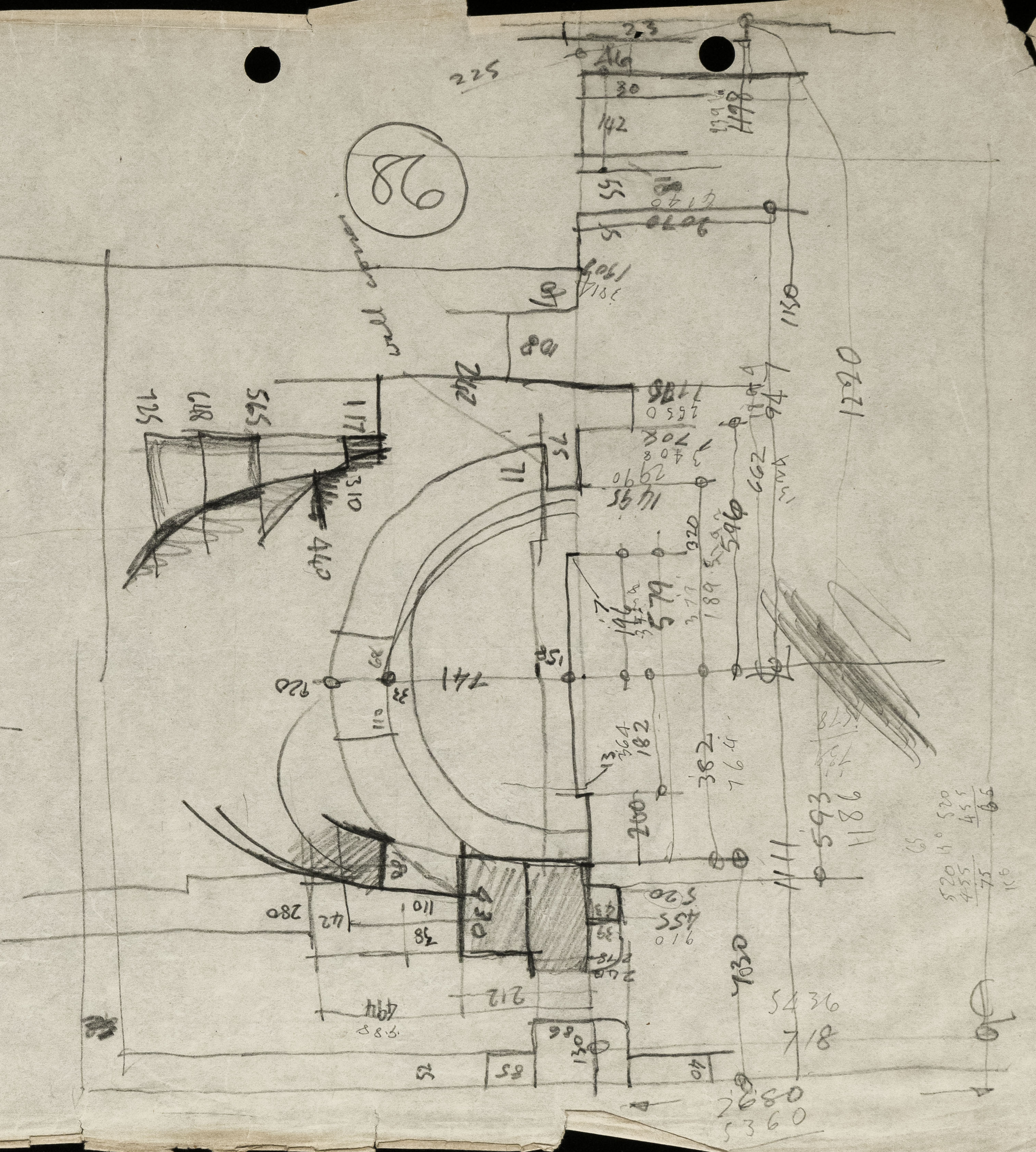
60.45
48.95
11.50
23.
23.60
12.80
36.20
48.95
35.15
Stylobate
81.10
40.55
8.20
7.82
15.64
60.37
33.20
24.78
1190
1289
33
26.30
18.13
78
98
15.31
1.35
1.04
1.53
1.69
72
33.16
2.14
1190
1289
24.79
725
1296
668
1315

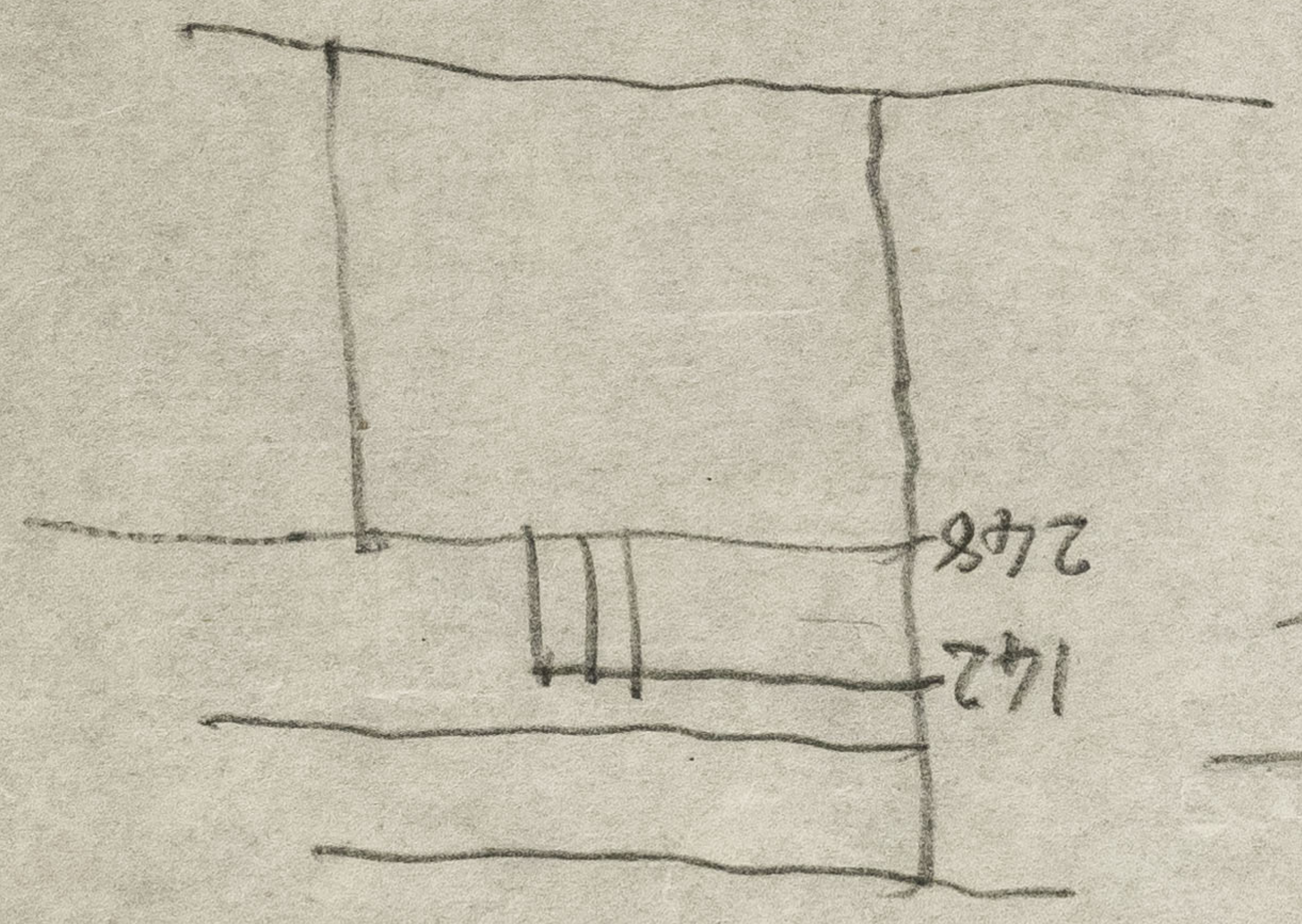
S.WALL BASILICA
6.28
11.14
10.96
Step
29.85
29.70
3.15
7.6
3.22
2.34
3.3
1.85
6.43
50
11.85
12.80
2.06
5.84
10.96
24.22
37.60
18.85
7.35
10.55
14.47
11.00
3.80
7.22
19.87
31.74
15.87
1.25
7.73
10.60
4.30
2.08
2.07
2.15
18.80
14.45
13.20
8.08
7.1
5.82
25.37
11.64
24.32
37.60
48.04
29.90
10.22
14.76
Step 10
1.48
98
90
85
98
4.95
3.25
3.16
10.40
3.15
21.5
9.56
6.80
4.32
6.70
1.57
4.15
1.77
1.37
1.43
1.06
3.20
1.07
1.67
2.15
3.60
7.98
1.98
9.18
1.55
4.3
9.6
1.98
2.26
4.52

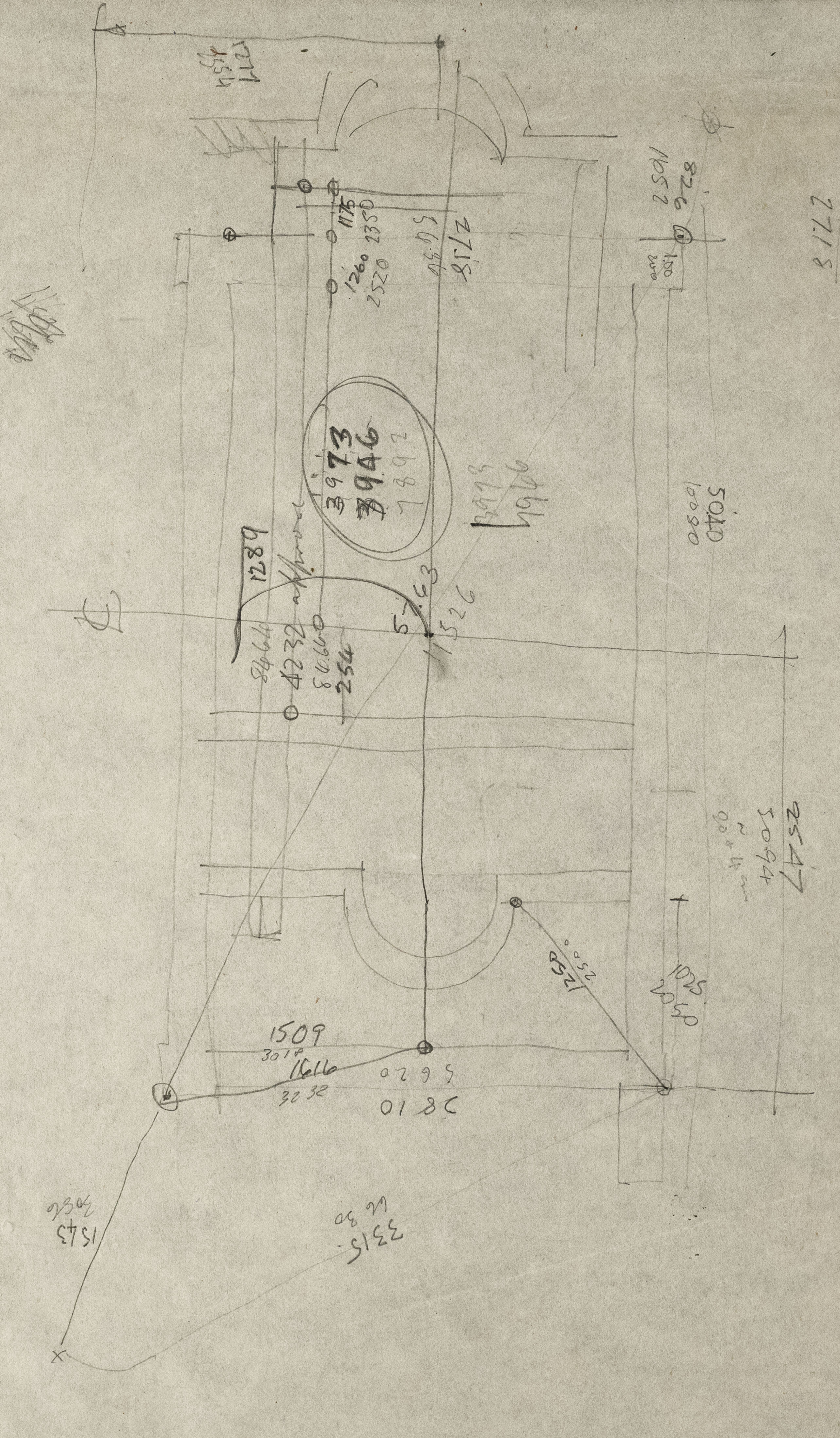
96 30
75
9.2
1.7
48.4

86 30
75
92
1.1
28.14

86


wall corner
225
23
46
30
142
1498
55
2070
5
1130
108
242
1186
947
1220
725
618
565
117
310
440
75
71
1445
2990
708
596
662
320
579
196
189
920
110
68
33
741
158
364
182
13
362
764
200
593
1186
1111
280
42
38
110
430
88
520
455
910
212
494
7030
5436
718
2680
5360
52
85
130
86
40
520
455
75
520
455
65





1271
1254
1175
2350
1260
2520
2718
5040
10000
3973
3946
7892
1289
4232
8464
254
57.63
1526
2547
5094
1250
2500
1025
2050
1509
3018
1616
3232
5620
3810
1543
3086
3315
6630
1538
1180
2718

LEVELS IN BASILICA.

	BACK-SIGHT	FORE-SIGHT	REDUCED LEVELS	IDENTIFICATION
~~45~~	8·89	4·40		CONCRETE REPAIR SW ANGE. E.FORUM.TEMP.
		10.28	-5·79	~~POINT B (BASILICA) POINT X TRIG.~~ CENTRE + OF LINES. MARBLE FLOOR VITRUV.
		9·625	-5·135	CIPOLINO FLOOR AT Δ OF STEPS NE.
		7·69	-3·2	UPPER 3RD MARBLE BEMA STEP. NE. ANGL
		4·84	-·35	BEMA STEP (SANDSTONE) BESIDE SQ.COLUMN ~~BASE~~
	449	4·49		TESSERAE PAVEMENT IN APSE
		10·84	-6·35	TRENCH K7 EARLIEST WALL. MAYBE FOOTING
		4·84	-·35	TOP OF ECCENTRIC APSE (INTERNAL)

9·625
449
5·135

10·28
449
5·79

9·628
8·89
+·735

449
484
-·35

8·89
4·49
4·40
·735
~~7·69~~
5·135
~~5·49~~
3·2

~~4·49~~
~~10·84~~
~~-1·65~~

10·84
4·49
6·35

9·625
4·49
5·135

889
449
4·40

10·28
4·49
5·79

10·84
4·49
6·35

5·135
5·79
·655 ft.

-4·49

-10·84

32 cm
·5

·135
32
·260

160 cm

164·3

4·05
4·310 cm

1·84·08

5·79

~~1~~
·79
·32
1·58

160

24·08

22·8

1·84·08

8·89
4·49 Tesseral
+ 4·40 Red.
- 0·46
4·86 ft cipolino
·58

marble ~~4·40~~ 5·84

~~4·40~~

-1·44
+ 4·40
5·84 marble.

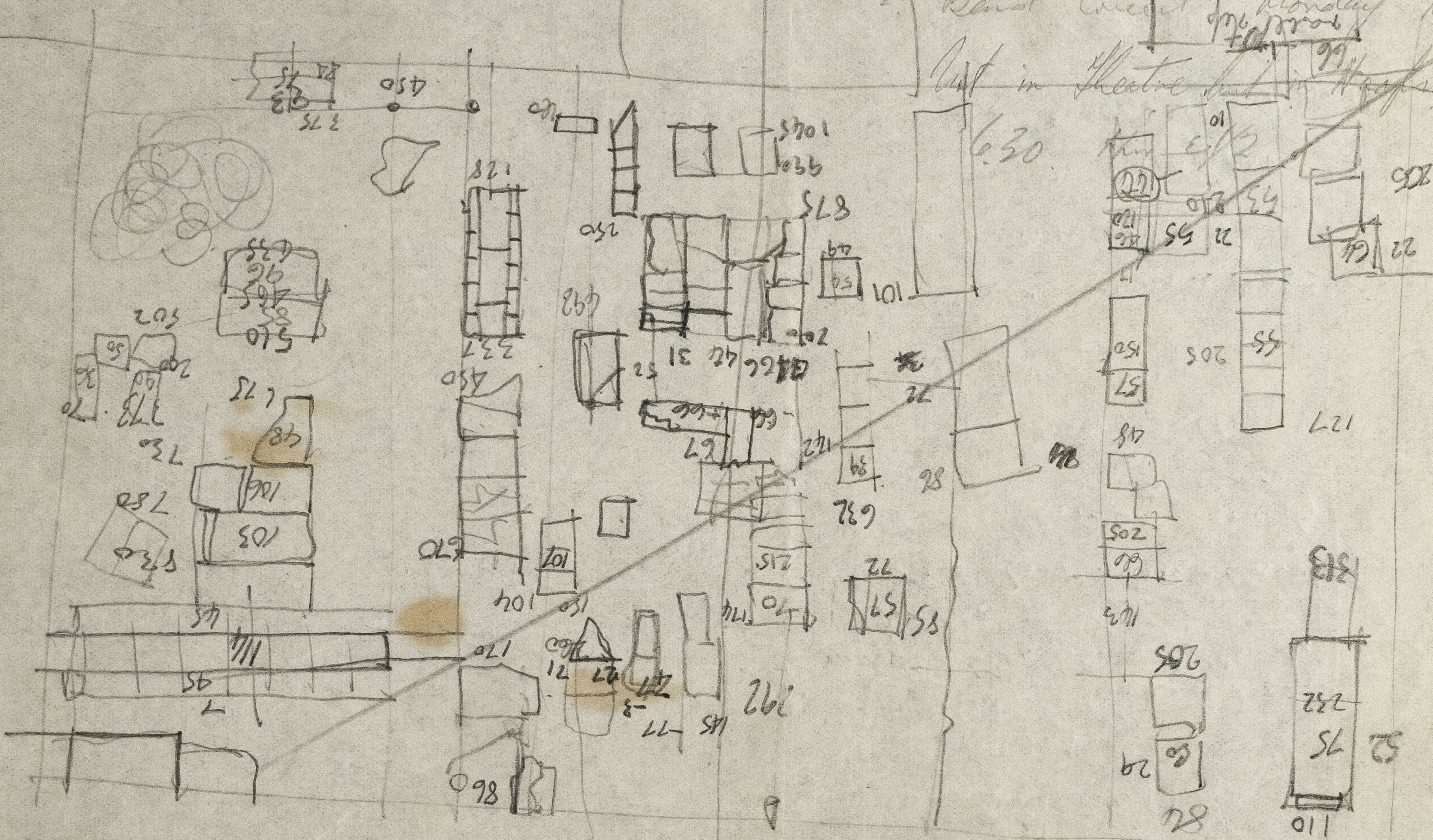
42 × 88
538
440
+73
59
61
54
493
49
48
117
47
+12
+17
265
152
402
790
1580
1702
1400
720
1360
1440
72
1908
255
162
94
304
350
530
690
604
1510
114
83
1625
1523
1678
1420
1330
29
61
+224
1:65
3.30
2034
1930
1895
1853
1826
1735
1670
52
55
56
+31
+30
1107
1132
2333
1115

Coolson.

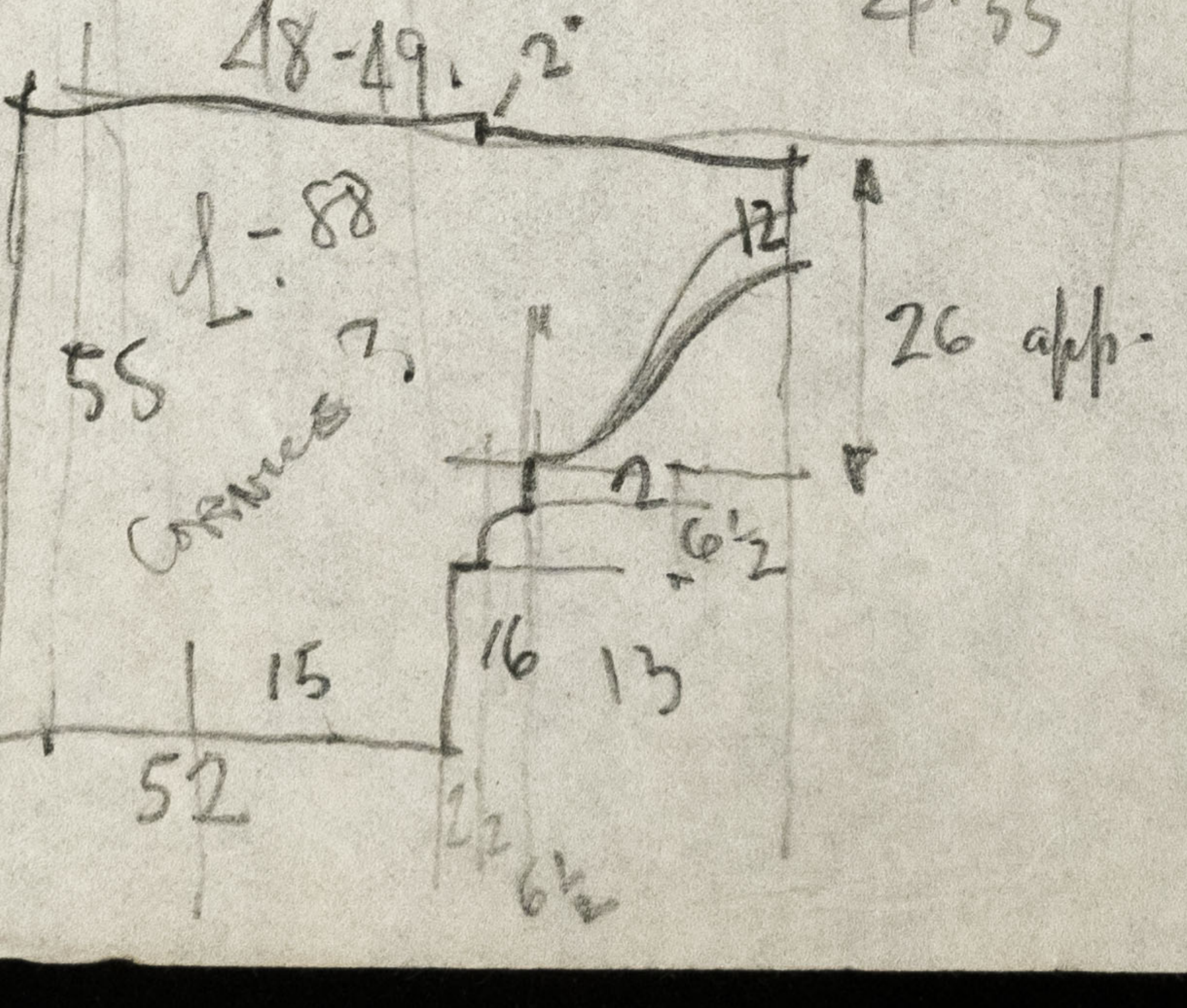
1. Sgt Maj. Bailey like to come down about 8pm this evening

2. Band Concert Monday Night but in Theatre hut in Naafi area

6.30



No	Back	Fore	Red		STATION
	3·50				DATUM
		5·41			Threshhold. main door
		6·15.			Marble. Forum Colonnade
		4·81	1·31		marble in Corridor
		4·49			Stone floor. V.T. cella. W.
		4·05.			Slate floor L.H. Sacristy to rear.
		3·64			HT of Tower wall
		6·32			Forum Stylobate
		5·65			" ANGLE OF COLUMN BASE
		4·71			TRIG. P. BAPTISTRY
		5·60			FLOOR " MARBLE PLACE.
		4·01			LIMESTONE FLOOR. N. AISLE ANGLE
		4·35			2 APSE BASES. N. AISLE


48-49. 2°
1·88
55
CORNICE ?
12
26 app.
2
6½
16
13
15
52
2½
6½

LEVELS OF BASILICA LONGITUDINAL.

	BACKSIGHT	FORESIGHT	REDUCED.		STATION.
1	3.04				DATUM SW ANGLE E. FORUM. T.
2		5.32			Step E. END. (ENT. PLATFORM.
3		6.34			RD. angle of 1.2 E Steps.
		4.73	1.89		MARBLE E. END.
		4.78			COL' BASE VIT. BASILICA. E APSE
		4.98			L SHAPED WALL NARTHEX.
		4.6			marble in E END NAVE.
		4.65			Concrete below marble. SE. END.
		5.74			STONE BASE BELOW COL. BASE. S. AISLE
		3.50		x	Cipollino floor
		3.91			Stylobate N. AISLE.
		3.57			ANGLE OF NAVE COLUMN BASE
		4.76			Stone base in centre Nave.
		4.69			Angle of base L.H. Baldachino.
		4.49			" " R.H. "
	–	4.48		–	Marble foot bema steps
	–	3.90	.86	–	Cipollino " " "
		3.41			1st step.
		2.75			2nd
		2.96	.08		3RD
		1.34			4th
		0.85			5th
		1.65			Sandstone behind 3rd down
		0.74			" " 2nd.

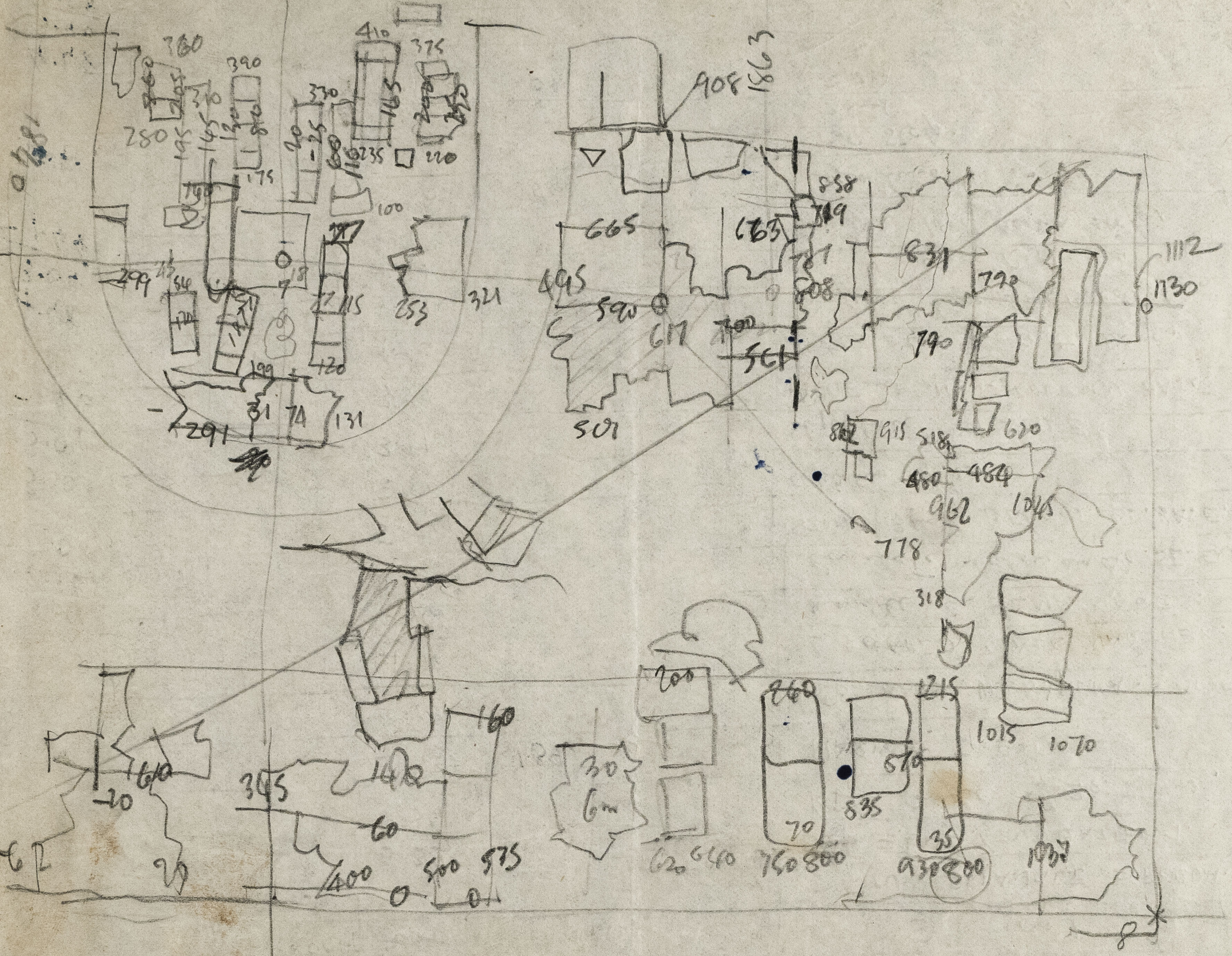
3.04
2.96
.08

3.50
3.04
-.46

4.48
3.04
-1.44

~~4.4~~

4.48
3.90
.58



1863
-20
6m
620 640
760 800
930 800