

PETER NOLAN & ASSOCIATES, LLC

LAND SURVEYORS/CIVIL ENGINEERING CONSULTANTS  
80 JEWETT ST., (SUITE 2)  
NEWTON, MA 02458

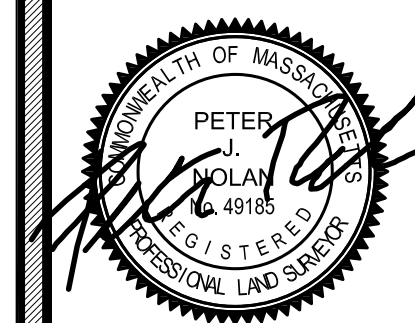
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SPRUHAN ENGINEERING, P.C.

80 JEWETT ST., (SUITE 2)  
NEWTON, MA 02458

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71 COMMONWEALTH AVENUE,  
NEWTON,  
MASSACHUSETTS

REVISION BLOCK

DESCRIPTION DATE

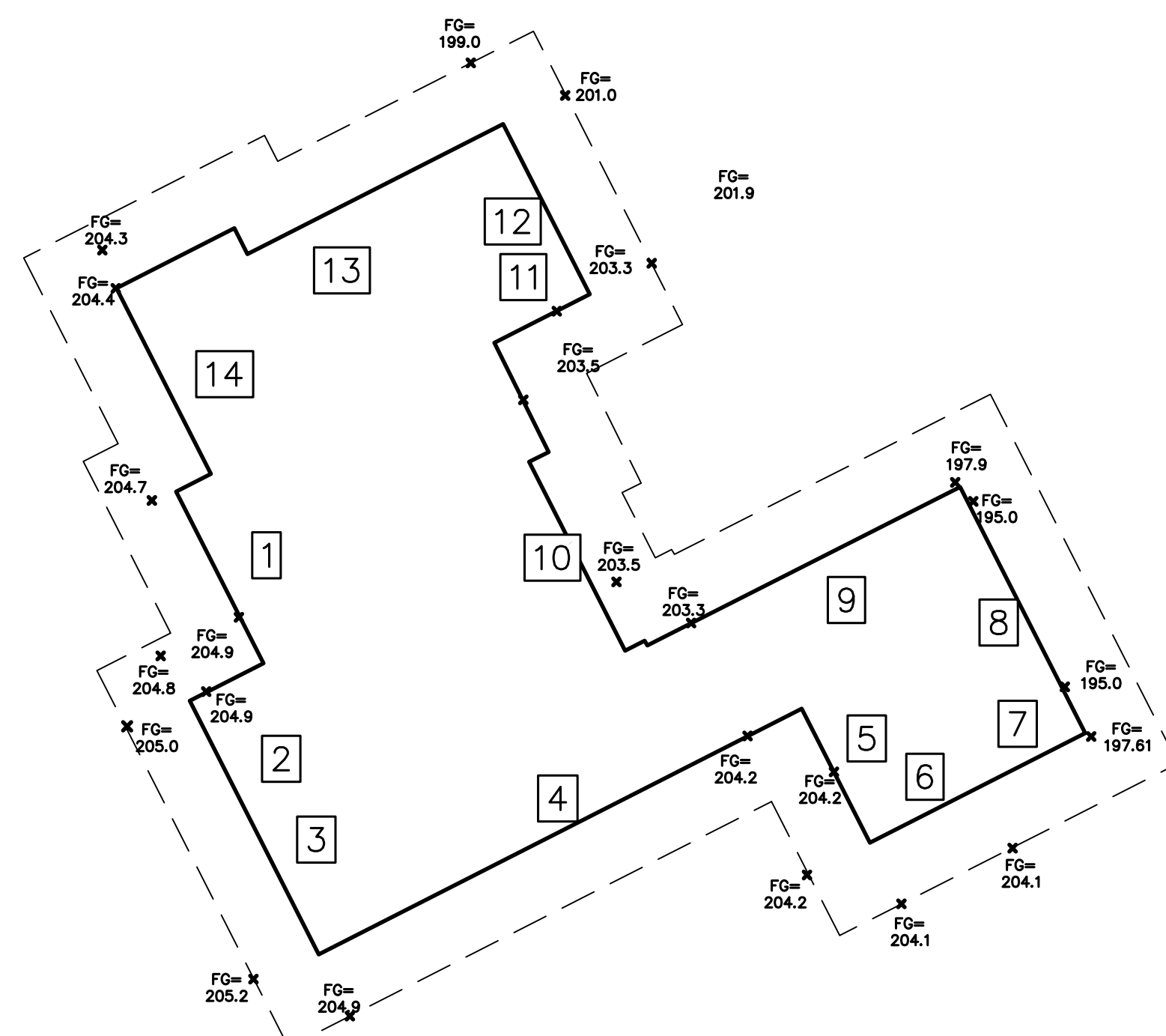
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PROPOSED PLOT PLAN

SCALE: 1" = 10'  
DATE: 5/5/2022  
DRAWN BY: DK  
CHECKED BY: ES  
APPROVED BY: PN

SHEET:

2

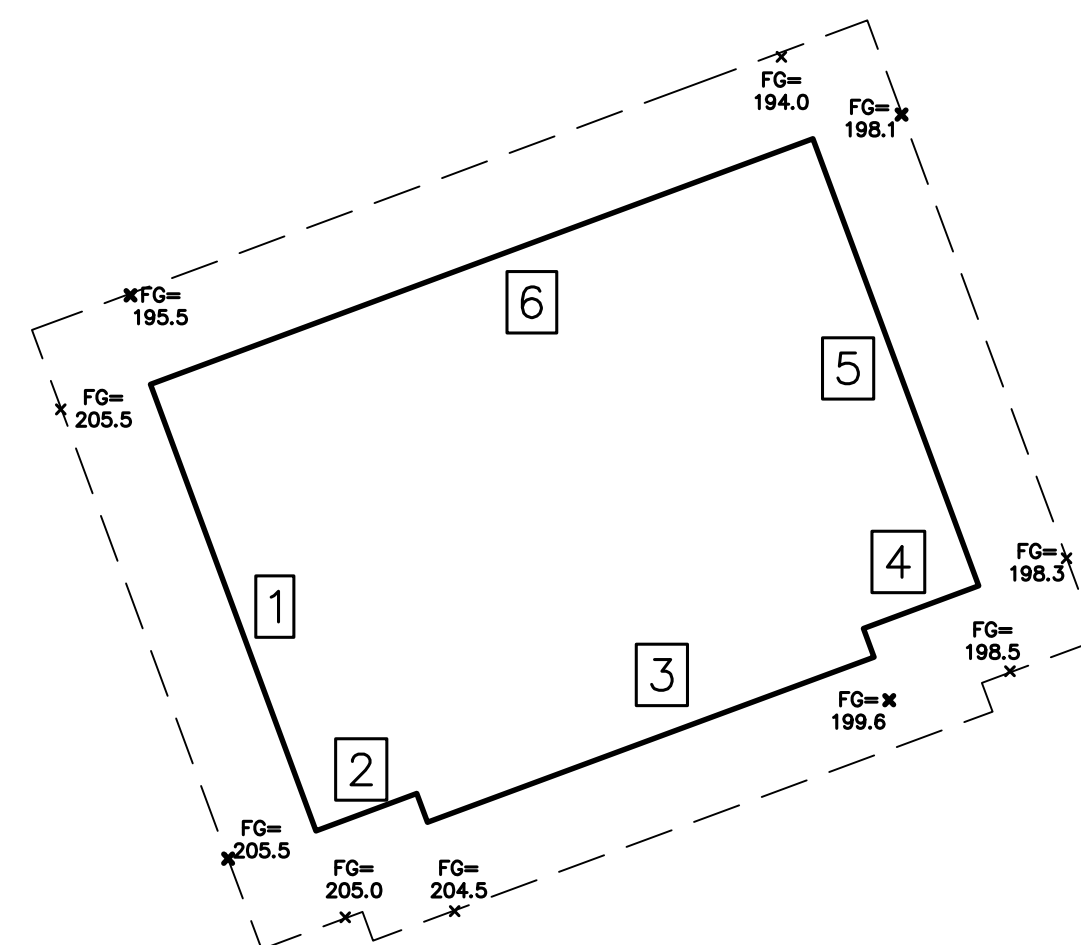


AVERAGE GRADE PLAN

| SEGMENT   | LEGNTH | POINT 1 | POINT 2 | MEAN 1 & 2 | MEAN x LENGTH |
|---|--------|---------|---------|------------|---------------|
| 1   | 16.7   | 204.7   | 204.9   | 204.80     | 3,420.16      |
| 2   | 7.2    | 204.9   | 204.8   | 204.85     | 1,474.92      |
| 3   | 24.7   | 205     | 205.2   | 205.10     | 5,065.97      |
| 4   | 47.1   | 204.9   | 204.2   | 204.55     | 9,634.31      |
| 5   | 13.1   | 204.2   | 204.2   | 204.20     | 2,675.02      |
| 6   | 10.5   | 204.1   | 204.1   | 204.10     | 2,143.05      |
| 7   | 10.5   | 204.1   | 197.61  | 200.86     | 2,108.98      |
| 8   | 24     | 195     | 195     | 195.00     | 4,680.00      |
| 9   | 32.4   | 197.9   | 203.5   | 200.70     | 6,502.68      |
| 10  | 29.2   | 203.3   | 203.3   | 203.30     | 5,936.36      |
| 11  | 9.3    | 203.5   | 203.3   | 203.40     | 1,891.62      |
| 12  | 16.6   | 201.9   | 201     | 201.45     | 3,344.07      |
| 13  | 36.4   | 199     | 204.3   | 201.65     | 7,340.06      |
| 14  | 18.1   | 204.4   | 204.7   | 204.55     | 3,702.36      |
| SUM =   | 295.80 |         |         |            | 59,919.55     |
| DF MEAN x LENGTH/ SUM OF LENGTHS = AVERAGE GRADE PL |        |         |         |            | 202.57        |

AVERAGE GRADE CALCULATION

UNIT 1



AVERAGE GRADE PLAN

| SEGMENT   | LEGNTH | POINT 1 | POINT 2 | MEAN 1 & 2 | MEAN x LENGTH |
|---|--------|---------|---------|------------|---------------|
| 1   | 31     | 205.5   | 205.5   | 205.50     | 6,370.50      |
| 2   | 7      | 205     | 204.5   | 204.75     | 1,433.25      |
| 3   | 31     | 204.5   | 199.6   | 202.05     | 6,263.55      |
| 4   | 8      | 199.6   | 198.5   | 199.05     | 1,592.40      |
| 5   | 31     | 198.3   | 198.1   | 198.20     | 6,144.20      |
| 6   | 46     | 194     | 195.5   | 194.75     | 8,958.50      |
| SUM =   | 154.00 |         |         |            | 30,762.40     |
| DF MEAN x LENGTH/ SUM OF LENGTHS = AVERAGE GRADE PL |        |         |         |            | 199.76        |

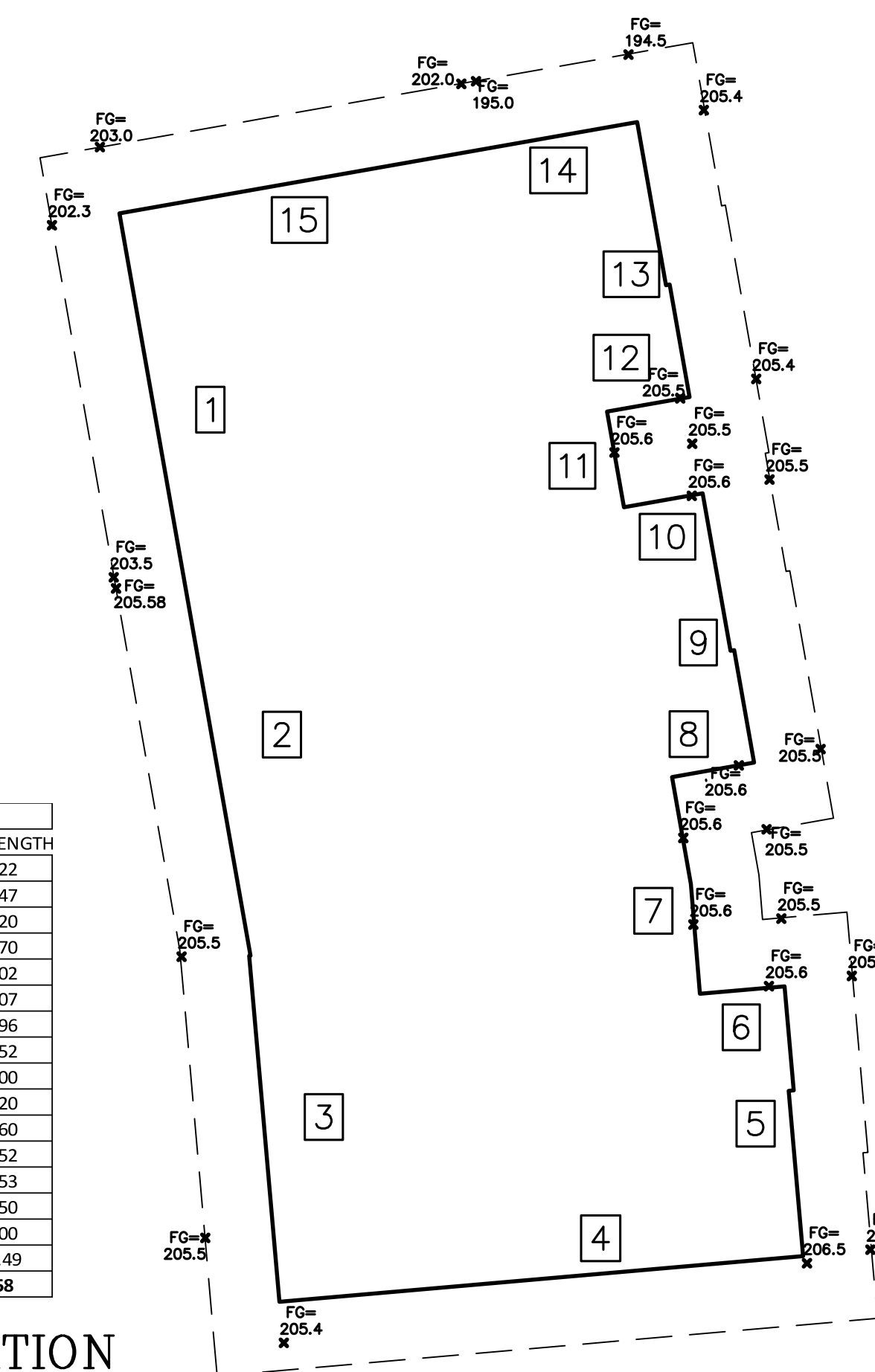
AVERAGE GRADE CALCULATION

UNIT 2

| SEGMENT   | LEGNTH | POINT 1 | POINT 2 | MEAN 1 & 2 | MEAN x LENGTH |
|---|--------|---------|---------|------------|---------------|
| 1   | 31.8   | 202.3   | 203.5   | 202.90     | 6,452.22      |
| 2   | 34.2   | 205.58  | 205.5   | 205.54     | 7,029.47      |
| 3   | 30.4   | 205.5   | 205.5   | 205.50     | 6,247.20      |
| 4   | 46     | 205.4   | 206.5   | 205.95     | 9,473.70      |
| 5   | 23.7   | 206.4   | 205.5   | 205.95     | 4,881.02      |
| 6   | 7.4    | 205.5   | 205.6   | 205.55     | 1,521.07      |
| 7   | 19.1   | 205.6   | 205.6   | 205.60     | 3,926.96      |
| 8   | 7.3    | 205.6   | 205.5   | 205.55     | 1,500.52      |
| 9   | 24     | 205.5   | 205.5   | 205.50     | 4,932.00      |
| 10  | 7      | 205.6   | 205.6   | 205.60     | 1,439.20      |
| 11  | 8.5    | 205.6   | 205.6   | 205.60     | 1,747.60      |
| 12  | 7.3    | 205.6   | 205.5   | 205.55     | 1,500.52      |
| 13  | 24.5   | 205.4   | 205.5   | 205.45     | 5,033.53      |
| 14  | 14     | 194.5   | 195     | 194.75     | 2,726.50      |
| 15  | 32     | 202     | 203     | 202.50     | 6,480.00      |
| SUM =   | 317.20 |         |         |            | 64,891.49     |
| DF MEAN x LENGTH/ SUM OF LENGTHS = AVERAGE GRADE PL |        |         |         |            | 204.58        |

AVERAGE GRADE CALCULATION

UNITS 3,4&5

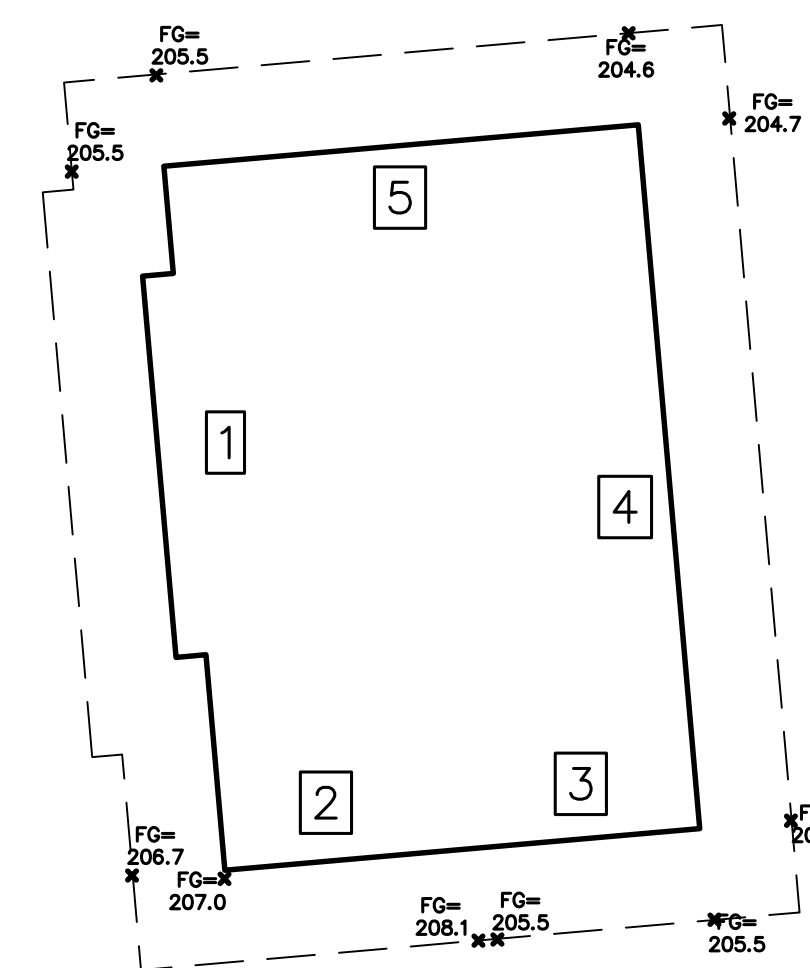


AVERAGE GRADE PLAN

| SEGMENT   | LEGNTH | POINT 1 | POINT 2 | MEAN 1 & 2 | MEAN x LENGTH |
|---|--------|---------|---------|------------|---------------|
| 1   | 46     | 205.5   | 206.7   | 206.10     | 9,480.60      |
| 2   | 16.7   | 207     | 208.1   | 207.55     | 3,466.09      |
| 3   | 14.4   | 205.5   | 205.5   | 205.50     | 2,959.20      |
| 4   | 46     | 205.6   | 204.7   | 205.15     | 9,436.90      |
| 5   | 31     | 205.5   | 204.6   | 205.05     | 6,356.55      |
| SUM =   | 154.10 |         |         |            | 31,699.34     |
| DF MEAN x LENGTH/ SUM OF LENGTHS = AVERAGE GRADE PL |        |         |         |            | 205.71        |

AVERAGE GRADE CALCULATION

UNITS 6



AVERAGE GRADE PLAN