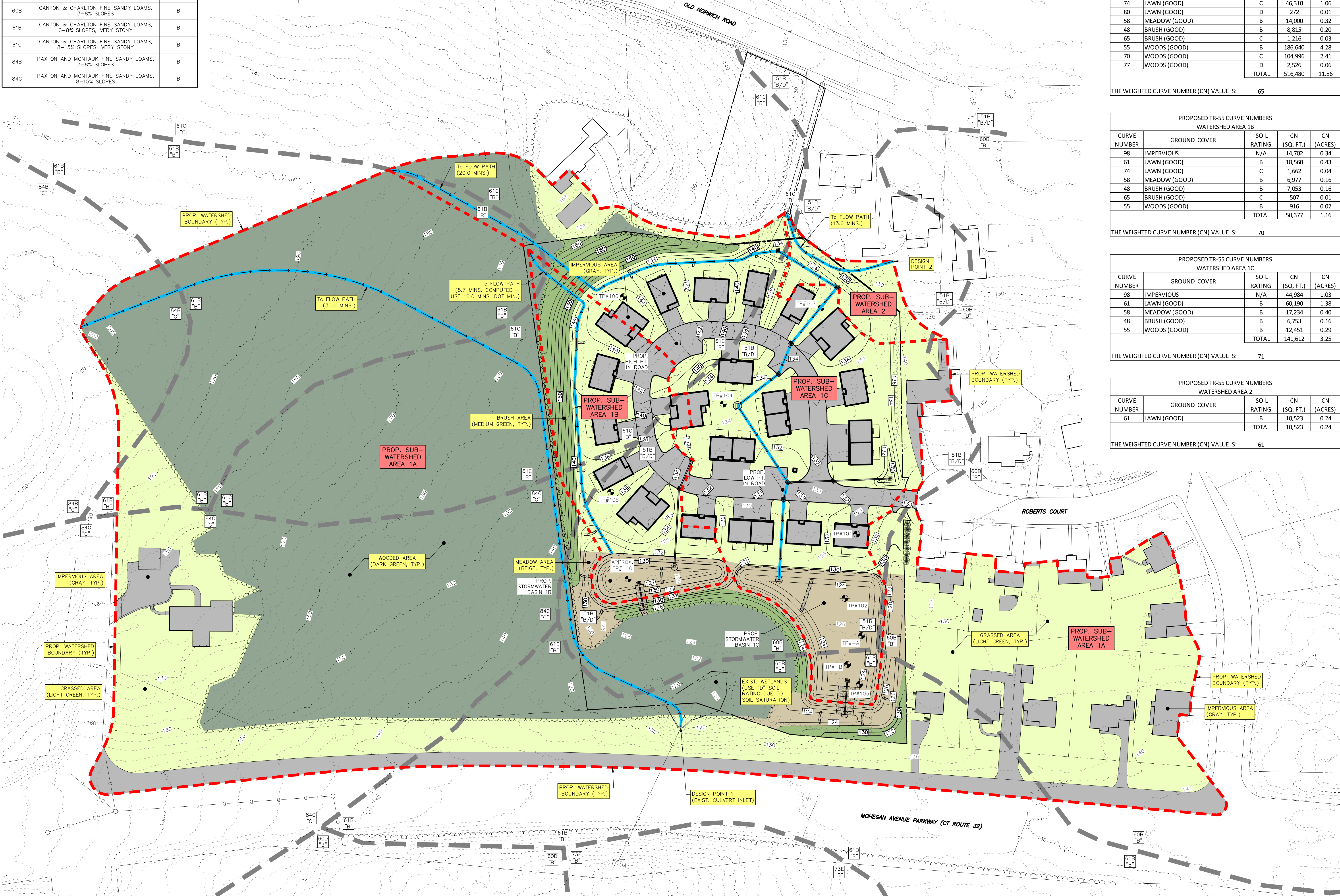
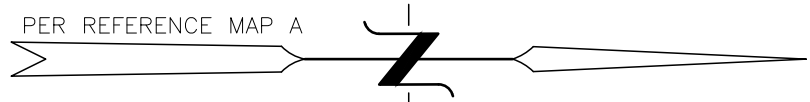
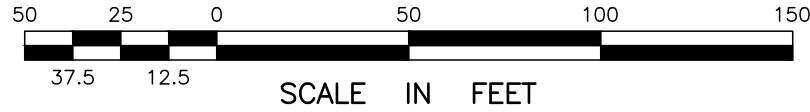




| SOILS LEGEND |                                                              |                            |
|--------------|--------------------------------------------------------------|----------------------------|
| UNIT NUMBER  | SOIL TYPE                                                    | NRCS HYDROLOGIC SOIL GROUP |
| 51B          | SUTTON FINE SANDY LOAM, 0-8% SLOPES, VERY STONY              | B/D                        |
| 60B          | CANTON & CHARLTON FINE SANDY LOAMS, 3-8% SLOPES              | B                          |
| 61B          | CANTON & CHARLTON FINE SANDY LOAMS, 0-8% SLOPES, VERY STONY  | B                          |
| 61C          | CANTON & CHARLTON FINE SANDY LOAMS, 8-15% SLOPES, VERY STONY | B                          |
| 84B          | PAXTON AND MONTAUK FINE SANDY LOAMS, 3-8% SLOPES             | B                          |
| 84C          | PAXTON AND MONTAUK FINE SANDY LOAMS, 8-15% SLOPES            | B                          |



| PROPOSED TR-55 CURVE NUMBERS<br>WATERSHED AREA 1A |               |             |              |            |
|---------------------------------------------------|---------------|-------------|--------------|------------|
| CURVE NUMBER                                      | GROUND COVER  | SOIL RATING | CN (SQ. FT.) | CN (ACRES) |
| 98                                                | IMPERVIOUS    | N/A         | 52,154       | 1.20       |
| 61                                                | LAWN (GOOD)   | B           | 99,551       | 2.29       |
| 74                                                | LAWN (GOOD)   | C           | 46,310       | 1.06       |
| 80                                                | LAWN (GOOD)   | D           | 272          | 0.01       |
| 58                                                | MEADOW (GOOD) | B           | 14,000       | 0.32       |
| 48                                                | BRUSH (GOOD)  | B           | 8,815        | 0.20       |
| 65                                                | BRUSH (GOOD)  | C           | 1,216        | 0.03       |
| 55                                                | WOODS (GOOD)  | B           | 186,640      | 4.28       |
| 70                                                | WOODS (GOOD)  | C           | 104,996      | 2.41       |
| 77                                                | WOODS (GOOD)  | D           | 2,526        | 0.06       |
| TOTAL                                             |               |             | 516,480      | 11.86      |
| THE WEIGHTED CURVE NUMBER (CN) VALUE IS:          |               |             |              | 65         |

| PROPOSED TR-55 CURVE NUMBERS<br>WATERSHED AREA 1B |               |             |              |            |
|---------------------------------------------------|---------------|-------------|--------------|------------|
| CURVE NUMBER                                      | GROUND COVER  | SOIL RATING | CN (SQ. FT.) | CN (ACRES) |
| 98                                                | IMPERVIOUS    | N/A         | 14,702       | 0.34       |
| 61                                                | LAWN (GOOD)   | B           | 18,560       | 0.43       |
| 74                                                | LAWN (GOOD)   | C           | 1,662        | 0.04       |
| 58                                                | MEADOW (GOOD) | B           | 6,977        | 0.16       |
| 48                                                | BRUSH (GOOD)  | B           | 7,053        | 0.16       |
| 65                                                | BRUSH (GOOD)  | C           | 507          | 0.01       |
| 55                                                | WOODS (GOOD)  | B           | 916          | 0.02       |
| TOTAL                                             |               |             | 50,377       | 1.16       |
| THE WEIGHTED CURVE NUMBER (CN) VALUE IS:          |               |             |              | 70         |

| PROPOSED TR-55 CURVE NUMBERS<br>WATERSHED AREA 1C |               |             |              |            |
|---------------------------------------------------|---------------|-------------|--------------|------------|
| CURVE NUMBER                                      | GROUND COVER  | SOIL RATING | CN (SQ. FT.) | CN (ACRES) |
| 98                                                | IMPERVIOUS    | N/A         | 44,984       | 1.03       |
| 61                                                | LAWN (GOOD)   | B           | 60,190       | 1.38       |
| 58                                                | MEADOW (GOOD) | B           | 17,234       | 0.40       |
| 48                                                | BRUSH (GOOD)  | B           | 6,753        | 0.16       |
| 55                                                | WOODS (GOOD)  | B           | 12,451       | 0.29       |
| TOTAL                                             |               |             | 141,612      | 3.25       |
| THE WEIGHTED CURVE NUMBER (CN) VALUE IS:          |               |             |              | 71         |

| PROPOSED TR-55 CURVE NUMBERS<br>WATERSHED AREA 2 |              |             |              |            |
|--------------------------------------------------|--------------|-------------|--------------|------------|
| CURVE NUMBER                                     | GROUND COVER | SOIL RATING | CN (SQ. FT.) | CN (ACRES) |
| 61                                               | LAWN (GOOD)  | B           | 10,523       | 0.24       |
| TOTAL                                            |              |             | 10,523       | 0.24       |
| THE WEIGHTED CURVE NUMBER (CN) VALUE IS:         |              |             |              | 61         |

PLAN PREPARED BY:  
INDIGO LAND DESIGN, LLC  
JOSEPH WREN, P.E.  
CT REG. NO. 21090  
10 E. STREET, 2ND FLOOR  
PO BOX 980  
PHONE: (860) 388-9343  
WEB: INDIGO-LAND.COM

INDIGO LAND DESIGN

NOT FOR  
CONSTRUCTION  
UNTIL THIS NOTE  
IS REMOVED

| REVISIONS PER TOWN COMMENTS, MISC. |           | DATE | BY |
|------------------------------------|-----------|------|----|
| 1                                  | 7/17/2024 |      |    |

WATERSHED MAPPING (PROPOSED)  
PREPARED FOR 1721, LLC  
430 MOHEGAN AVENUE PARKWAY & 23B OLD NORWICH ROAD  
TAX MAP 76 LOTS 10164 & 5600  
WATERFORD, CONNECTICUT

DATE:  
MAY 21, 2024  
SCALE:  
1"=50'  
DRAWN BY:  
CO, MA, RG, RM  
CHECKED BY:  
JW  
DWG. NO.:  
WM-2  
SHEET NO.:  
2 of 2  
JOB. NO.:  
2023-922