

BASEMAP NOTES:

1. BLUESKY GEOSPATIAL FORMALLY COL-EAST, INC., IN AUGUST 2016 PREPARED TOPOGRAPHIC MAPPING DELIVERED IN CONNECTICUT STATE PLANE FEET, AND REFERENCED TO NAD 83. VERTICAL REFERENCE IS NAVD 88. THE MAPPING EXCEEDED ASPRS CLASS II HORIZONTAL MAP ACCURACY FOR 1"=100' SCALE. THE MAPPING HAS BEEN SUPPLEMENTED FOUR (4) TIMES BY:
 - TOPOGRAPHIC SURVEY COMPLETED BY STANTEC CONSULTING SERVICES INCORPORATED, DECEMBER 2016, BASED ON THE SECONDARY AIRPORT CONTROL STATION, DESIGNATION, MMK B, WHOSE PUBLISHED COORDINATES ARE N41° 30' 37.86554" W072° 46' 51.02089" NAD 83 (2011) AND AN ELEVATION OF 99.0 FEET NAVD 88.
 - AS-BUILT TOPOGRAPHIC SURVEY COMPLETED BY GUERRERA CONSTRUCTION CO., INC, NOVEMBER 2017 UPON COMPLETION OF AIRPORT OBSTRUCTION REMOVALS AND CONSTRUCT SHARED-USE TAXILANES.
 - TOPOGRAPHIC SURVEY COMPLETED BY STANTEC CONSULTING SERVICES INCORPORATED, DECEMBER 2021, BASED ON THE SECONDARY AIRPORT CONTROL STATION, DESIGNATION, MMK B, WHOSE PUBLISHED COORDINATES ARE N41° 30' 37.86554" W072° 46' 51.02089" NAD 83 (2011) AND AN ELEVATION OF 99.0 FEET NAVD 88.
 - AS-BUILT TOPOGRAPHIC SURVEY COMPLETED BY GUERRERA CONSTRUCTION CO., INC, NOVEMBER 2023 UPON COMPLETION OF SOUTH APRON REHABILITATION.

AIRPORT PAVEMENT INVENTORY

TOTAL AIRPORT PROPERTY: 122 ACRES
CITY OF MERIDEN
IMPERVIOUS AREAS
ASPHALT PAVEMENT: 232,244 SF
BUILDINGS/ROOFS: 32,158 SF
TOWN OF WALLINGFORD
IMPERVIOUS AREAS
ASPHALT PAVEMENT: 491,567 SF
BUILDINGS/ROOFS: 35,448 SF
MILLINGS: 13,645 SF
SOLAR ARRAY: 84,000 SF
SEMI IMPERVIOUS AREAS
GRAVEL: 88,376 SF

AIRPORT DRAINAGE INVENTORY

CITY OF MERIDEN
NUMBER OF DRY WELLS: 23
NUMBER OF CATCHBASINS: 4
NUMBER OF MANHOLES: 1
NUMBER OF STORMWATER TREATMENT UNITS: 2
LENGTH OF DRAINAGE PIPE: 1,936'
LENGTH OF TRENCH DRAIN: 538'
TOWN OF WALLINGFORD
NUMBER OF DRY WELLS: 13
NUMBER OF CATCHBASINS: 8
NUMBER OF MANHOLES: 1
NUMBER OF INLETS: 2
LENGTH OF DRAINAGE PIPE: 882'

PROPOSED HANGAR AREAS

PROPOSED IMPERVIOUS AREAS
ASPHALT PAVEMENT: 7,497 SF
HANGARS/ROOFS: 8,017 SF
ROOF PITCH: 1/12
NO ROOF LEADERS

LEGEND

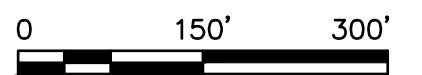
- PRIVATE HANGAR PREVIOUSLY PERMITTED AND NOT PART OF THE CURRENT APPLICATION
- EXISTING PAVEMENT
- PROPOSED HANGAR DEVELOPMENT (5-UNITS TOTAL)
- PROPOSED PAVEMENT
- EXISTING BUILDINGS
- AIRPORT PROPERTY LINE

NATIONAL WETLANDS INVENTORY LEGEND

- FRESHWATER POND
- FRESHWATER EMERGENT WETLAND
- FRESHWATER FORESTED/SHRUB WETLAND
- RIVERINE

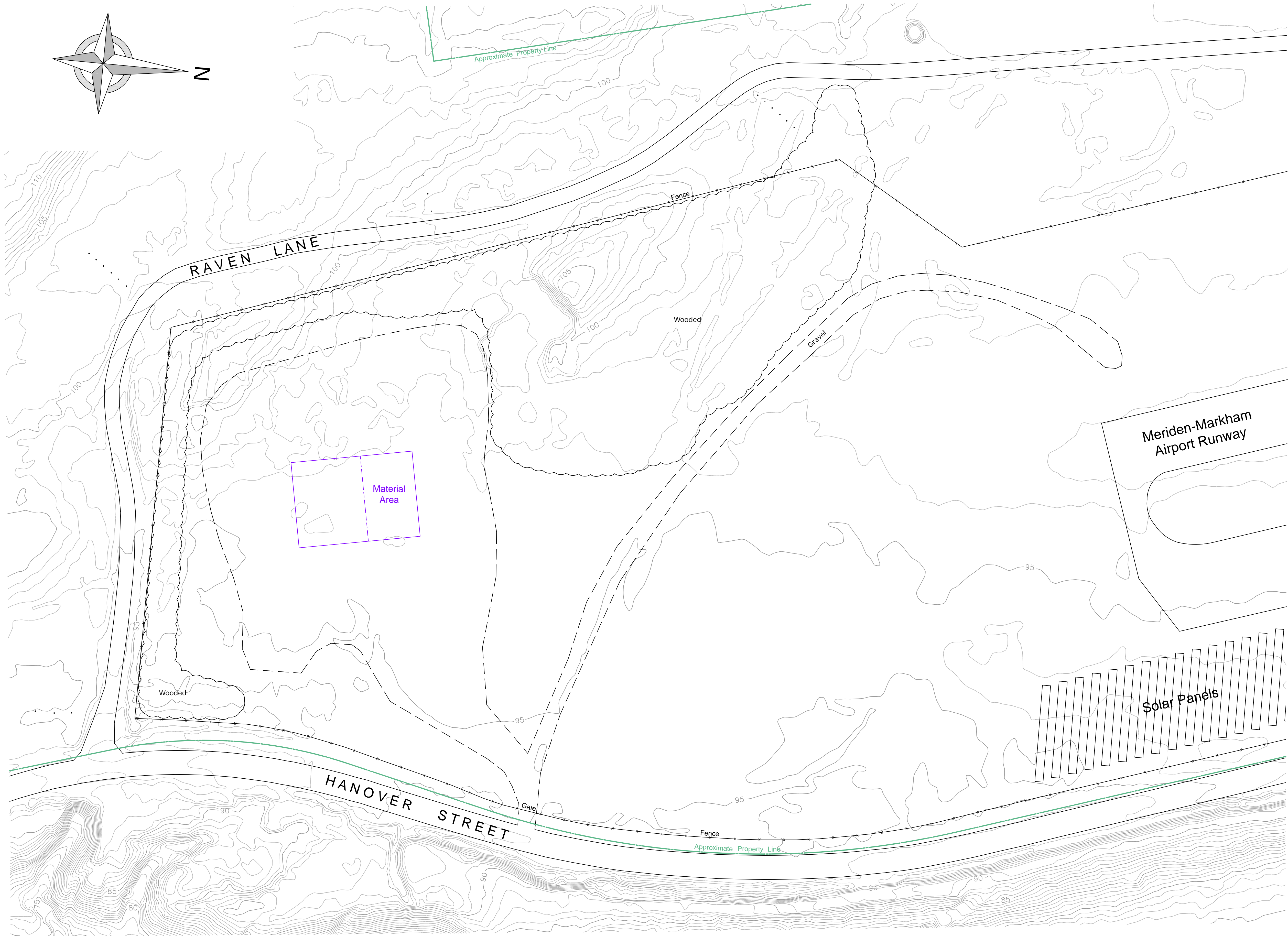
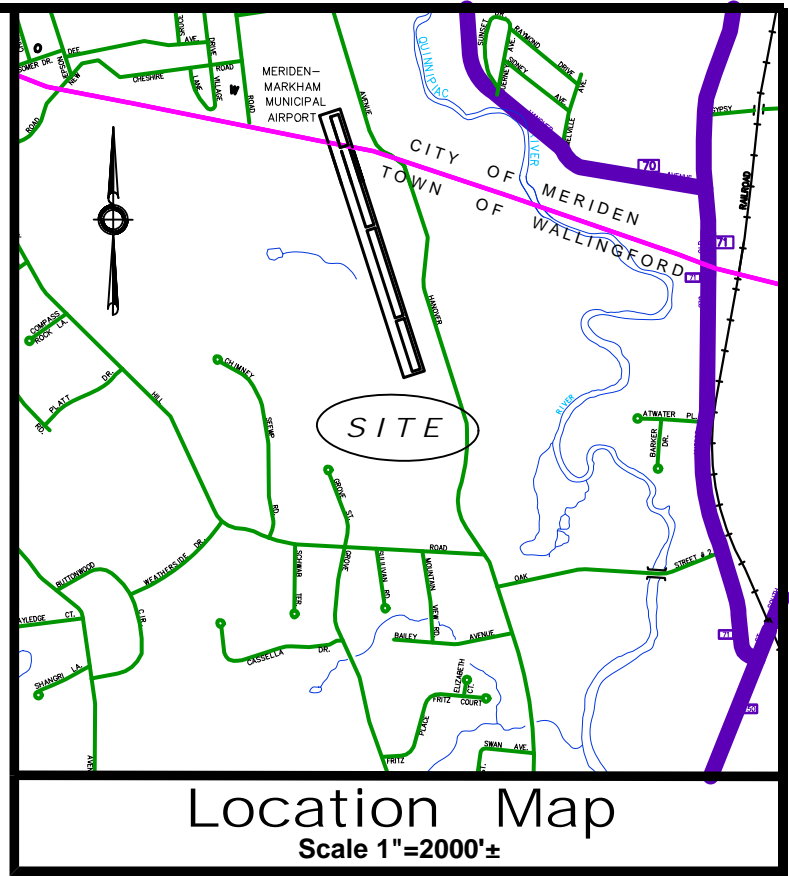
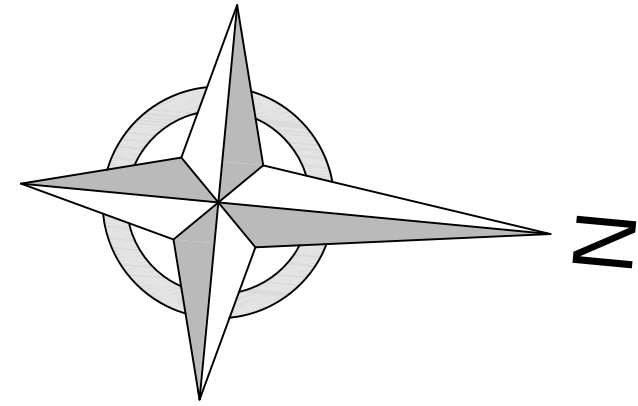
CONNECTICUT ENVIRONMENTAL CONDITIONS LEGEND

- HYDROIC SOILS



| | | | | | | | | | | | |
|---------------|--|--|-------------|--|--|------------|--|--|-----------------------------------|--|--|
| Revision | | | By | | | Appd. | | | YY.MM.DD | | |
| Resource Plan | | | Issued | | | 2024.01.05 | | | YY.MM.DD | | |
| Permit-Seal | | | Consultants | | | Stantec | | | Client/Project | | |
| | | | | | | | | | Meriden-Markhan Municipal Airport | | |
| | | | | | | | | | South Hagar Development | | |
| | | | | | | | | | Meriden, CT | | |
| | | | | | | | | | Title | | |
| | | | | | | | | | AIRPORT RESOURCE PLAN | | |
| | | | | | | | | | Project No. | | |
| | | | | | | | | | 179450XXX | | |
| | | | | | | | | | Scale | | |
| | | | | | | | | | AS SHOWN | | |
| | | | | | | | | | Drawing No. | | |
| | | | | | | | | | Sheet | | |
| | | | | | | | | | Revision | | |
| | | | | | | | | | 1 | | |
| | | | | | | | | | 1 of 1 | | |
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\\VA\T\ACTIVE\MMK\WALLINGFORD PERMITTING\HANGAR DEVELOPMENT 2023\MMK AIRPORT_WALLINGFORD_WETLAND.DWG
1/8/2024 4:48 PM

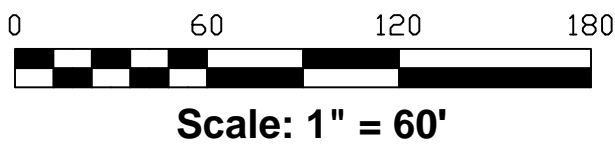


| | |
|-------------------------------|-------------------------------------|
| Lot Area (total),117.64 Acres | |
| Lot Area (total) | 5,124,398 Square Feet |
| Lot Area (Wallingford) | 107.2 Acres |
| Lot Area (Wallingford) | 4,669,632 Square Feet |
| Zone | R-18 |
| Aquifer Protection | Wallingford Aquifer Protection Area |
| Frontage (total) | 5,420 Linear Feet |
| Frontage (Wallingford) | 4,095 Linear Feet |

- SURVEY NOTES:**
1. No field location was performed.
 2. Contours as shown are from City of Meriden GIS of 2016.
 3. Property lines as shown are traced from "Exhibit "A", Airport Property Inventory Maps" by Stantec, dated June, 2016, scale 1"=200'
 4. All other existing features depicted are taken from Google Maps dated 2025.


NOTES:

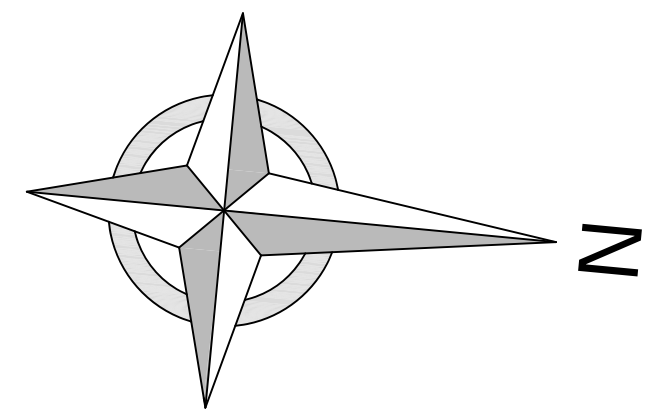
1. The property is owned by the City of Meriden and is located at the south end of the Meriden Markham Airport.
2. The area will be used to store materials generated by the City of Meriden Public Works Department.
3. Material storage volume not to exceed 15,000 CY
4. No delineated wetland areas are located within 50' of activity/storage area
5. Activities will be limited to the area shown on the plan.



TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

BRIAN ENNIS, P.E. P.E. #24317

| | | |
|--|--|-------------------------|
| Special Permit Application Material Handling Area Existing Conditions at 60 Scale Vicinity of 143 Hanover Street, Wallingford Connecticut | | DATE: 08/20/2025 |
| | | DESIGN: BE |
| | | DRAWN: BBD |
| DEPARTMENT OF PUBLIC WORKS | | SCALE: 1" = 60' |
| Engineering Division City Hall  Room 19 Meriden, Connecticut | | DWG. SHEET 2 OF 3 |



Wood Chip Barrier

RAVEN LANE

Wooded

Gravel

Sediment Controls

Screening Area

Material Storage Area

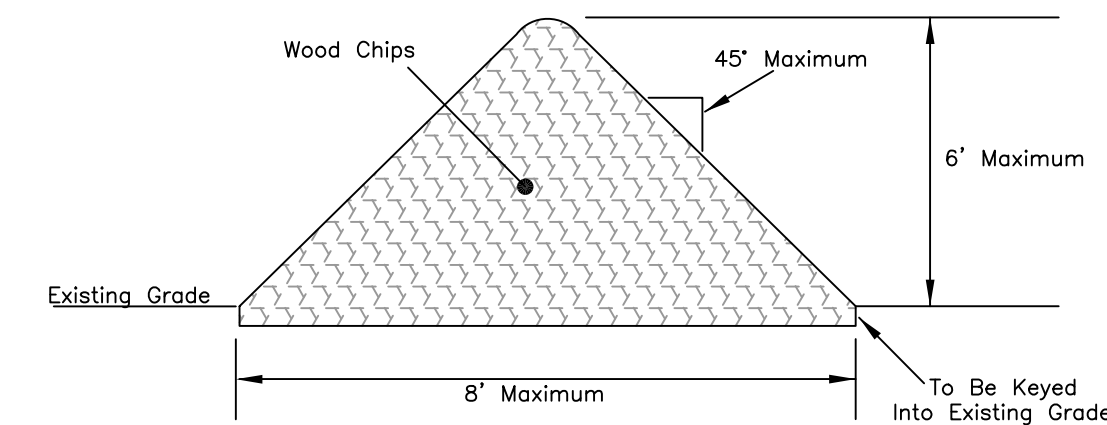
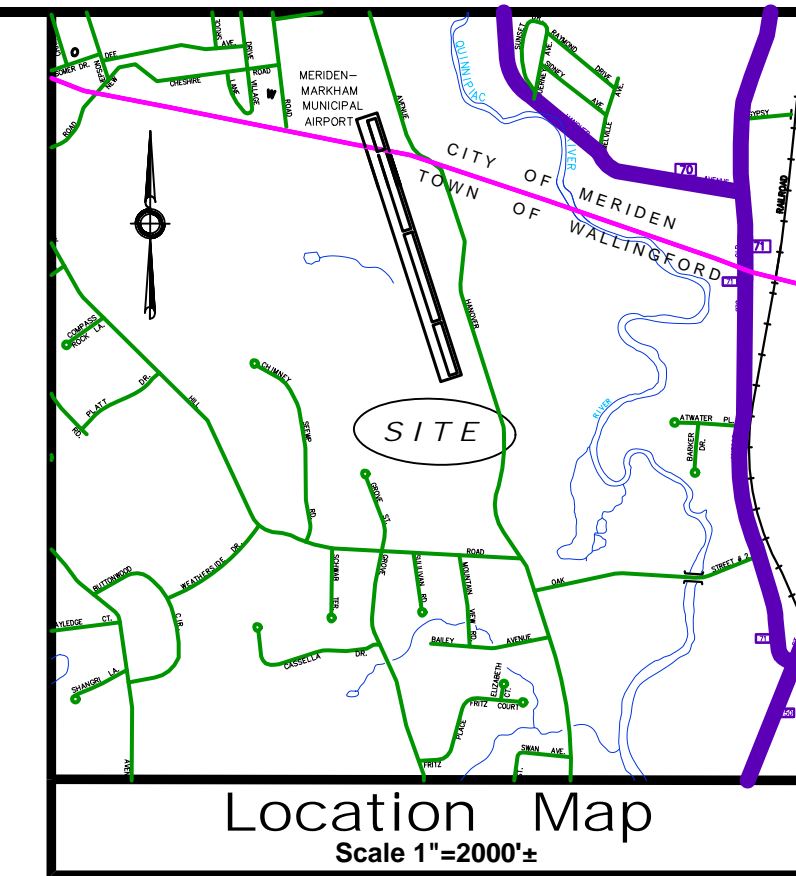
Wooded

HANOVER STREET

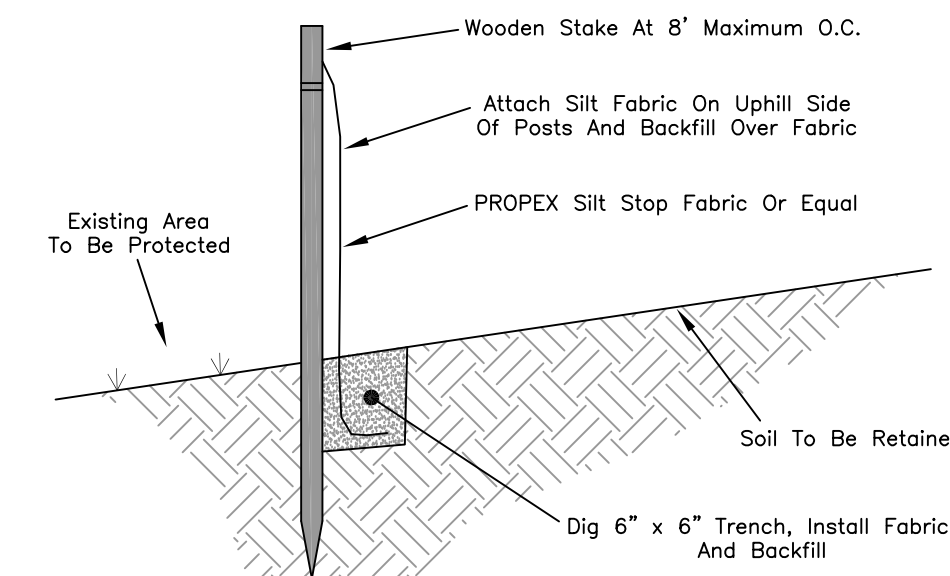
Gate

Fence

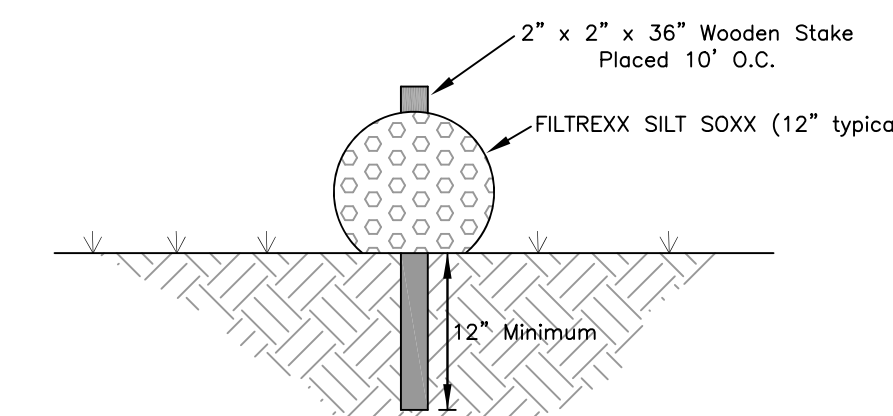
Approximate Property Line



Wood Chip Berm Detail
(Not to Scale)

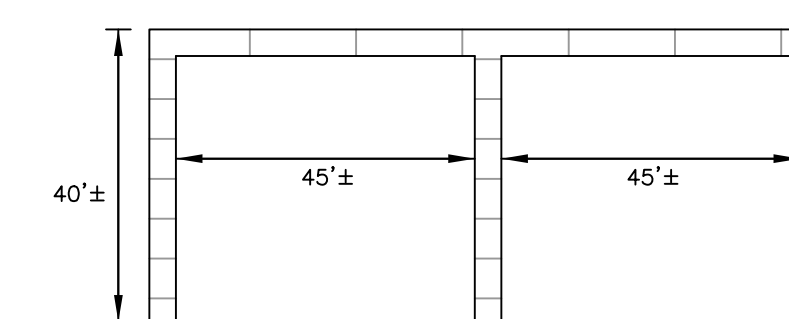


Silt Fence Detail
(Not to Scale)

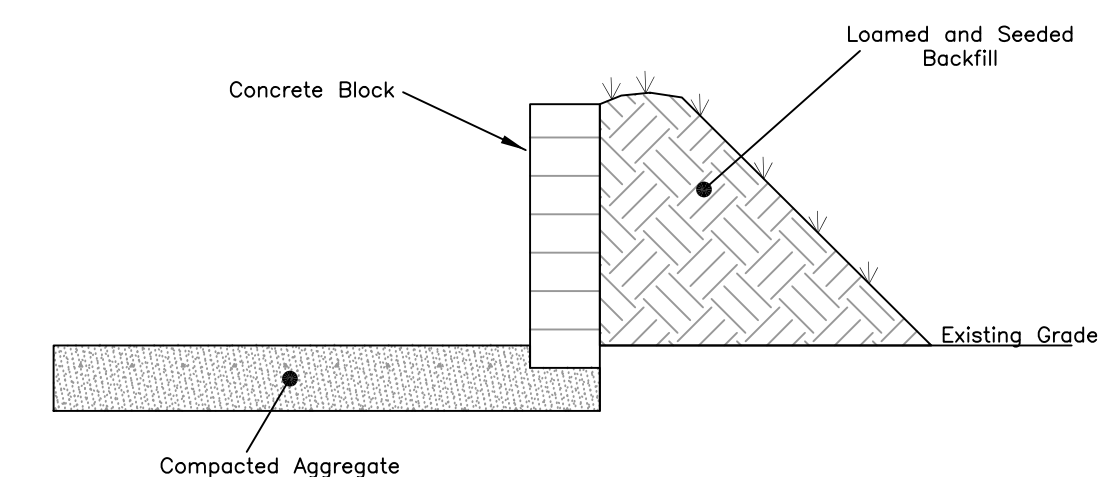


NOTE: Transverse Counterattraction Joints Should Not Be Constructed At Intervals Of Less Than 25 Feet Nor More Than 75 Feet. Expansion And Construction Joints Should Not Be Constructed At Intervals Of More Than 50 Feet.

FILTREXX SILT SOXX Detail
(Not to Scale)



Typical Material Bins Layout
(Not to Scale)



Typical Material Bin Profile
(Not to Scale)



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P.E. #24317


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SURVEY NOTE: Existing features depicted are taken from Google Maps dated 2025.

Special Permit Application
Material Handling Area
Existing Conditions at 40 Scale
Vicinity of 143 Hanover Street,
Wallingford Connecticut

DEPARTMENT OF PUBLIC WORKS

Engineering Division
City Hall  Room 19
Meriden, Connecticut

DATE:
9/9/2025

DESIGN: BE
DRAWN: BBD

SCALE:
1" = 40'

DWG.
SHEET 3
OF 3