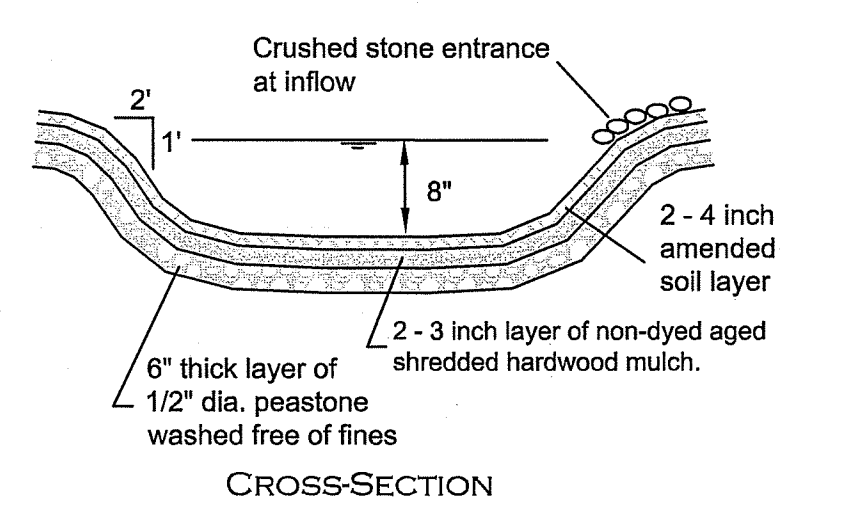
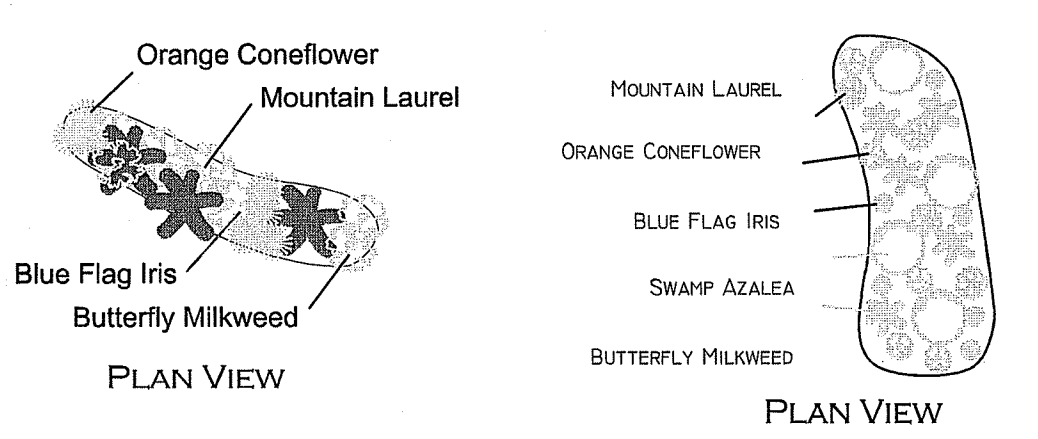


**RAIN GARDEN DETAIL**  
NOT TO SCALE

ROOF AREA: 366 SF RAIN GARDEN A AREA: 32 SF 8 PLANTS  
ROOF AREA: 425.5 SF RAIN GARDEN B AREA: 40 SF 10 PLANTS

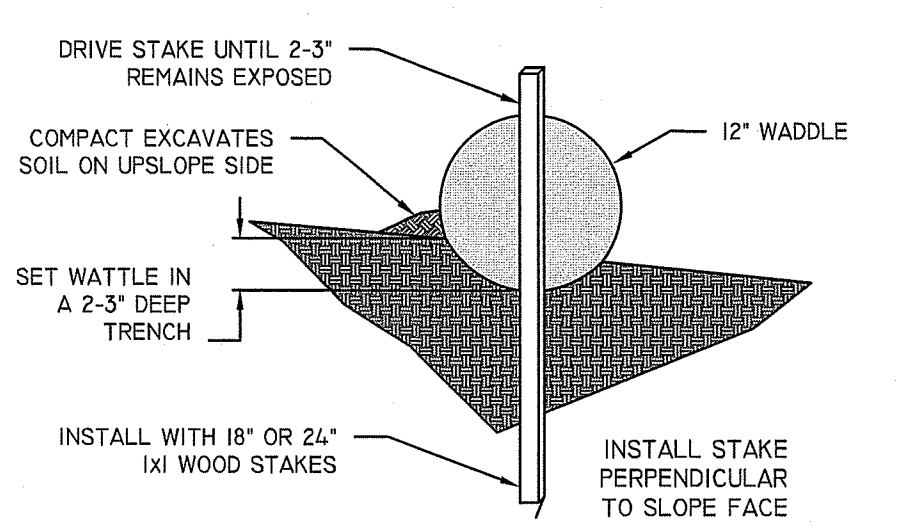


**TREATMENT:**  
RAIN GARDEN TO BE 8" DEEP WITH A 2 - 4 INCH AMENDED SOIL LAYER (50/50 MIXTURE OF THE EXCAVATED NATIVE SOILS AND MATURE ORGANIC COMPOST) AND A 2 - 3 INCH LAYER OF NON-DYED AGED SHREDDED HARDWOOD MULCH.

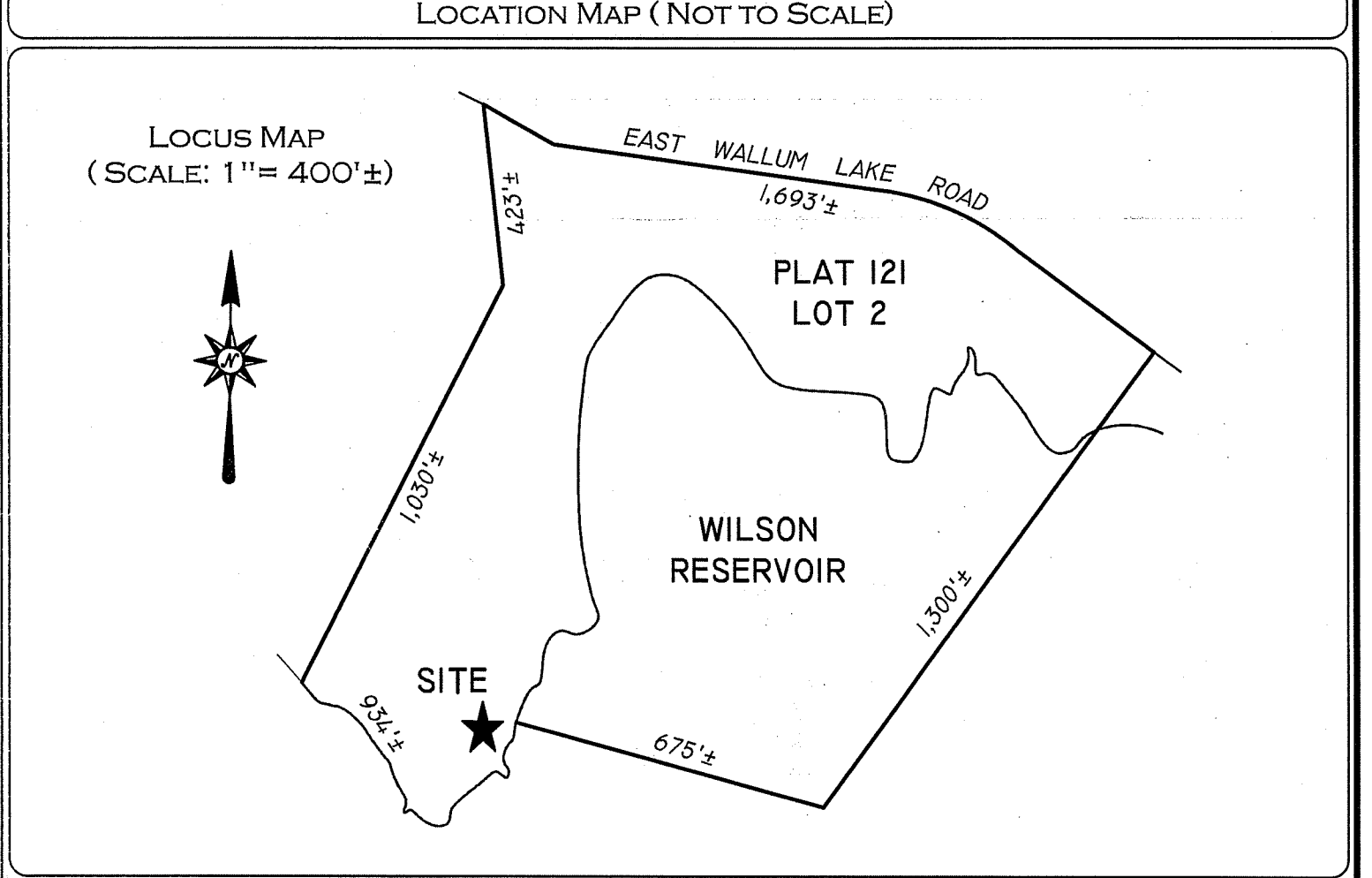
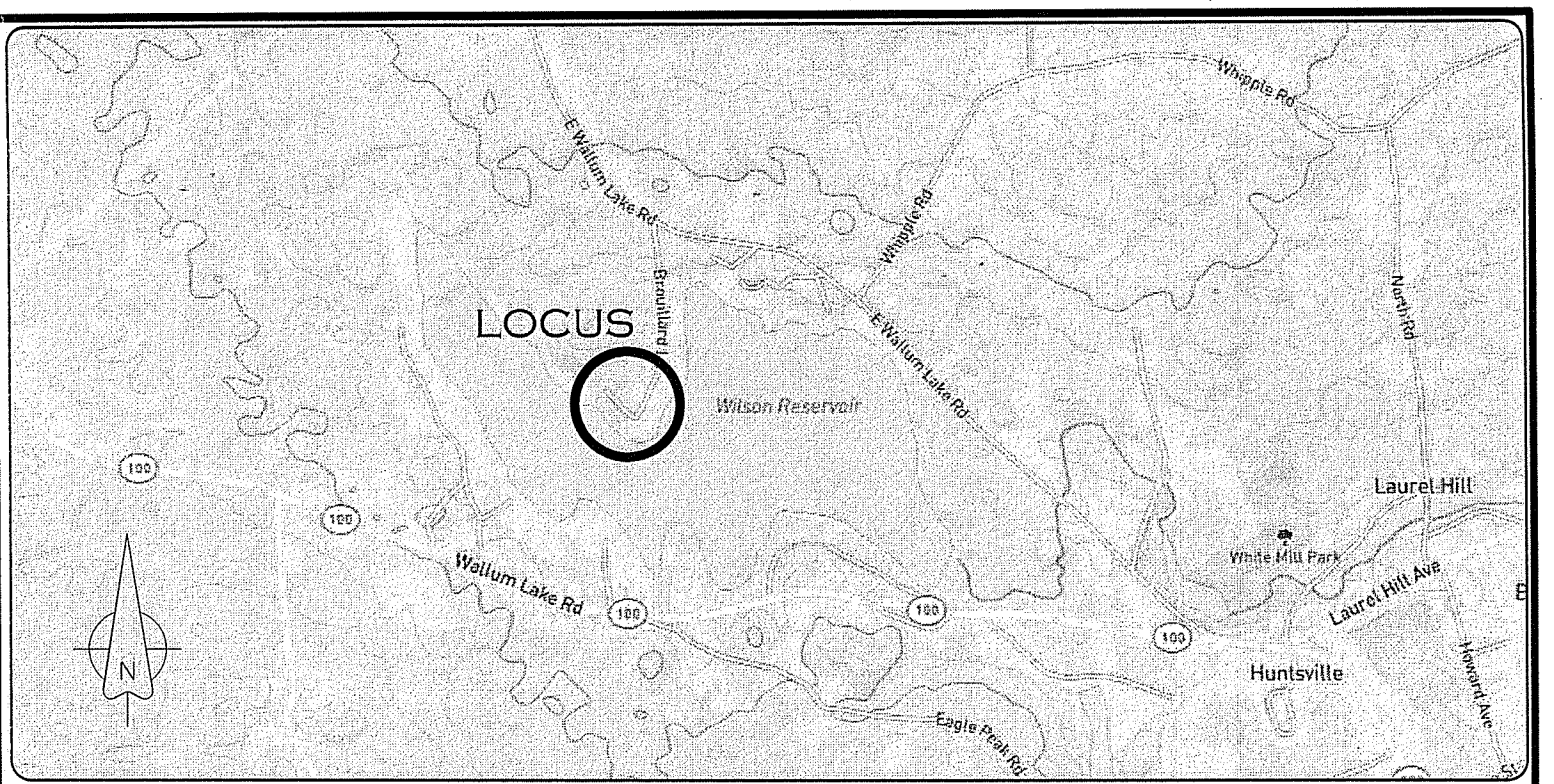
- CONSTRUCTION:**
- A CRUSHED STONE ENTRANCE SHOULD BE INSTALLED AT THE INFLOW TO PREVENT CHANNELING.
  - A BERM TO DETAIN STORMWATER SHOULD BE CONSTRUCTED ALONG THE DOWNHILL SIDE OF THE RAIN GARDEN, PERPENDICULAR TO THE SLOPE OF THE LAWN.
  - BE SURE THAT THE SOIL WITHIN THE RAIN GARDEN AREA DOES NOT BECOME COMPACTED BY CONSTRUCTION ACTIVITIES (I.E. HEAVY MACHINERY). IF SOIL BECOMES SEVERELY COMPACTED IT MAY NEED TO BE TILLED AND AMENDED TO MAINTAIN PROPER

- MAINTENANCE:**
- SILT/SEDIMENT SHALL BE REMOVED FROM THE RAIN GARDEN WHEN THE ACCUMULATION EXCEEDS ONE INCH, OR WHEN WATER PONDS ON THE SURFACE OF THE RAIN GARDEN FOR MORE THAN 48 HOURS). THE TOP FEW INCHES OF MATERIAL SHALL BE REMOVED AND SHALL BE REPLACED WITH FRESH SOIL MIXTURE AND MULCH.
  - PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
  - SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
  - FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN RAIN GARDENS.
  - PERENNIAL PLANTS AND GROUND COVERS SHALL BE REPLACED AS NECESSARY TO MAINTAIN AN ADEQUATE VEGETATED GROUND COVER. ANNUAL PLANTS MAY ALSO BE USED TO MAINTAIN GROUND COVER.

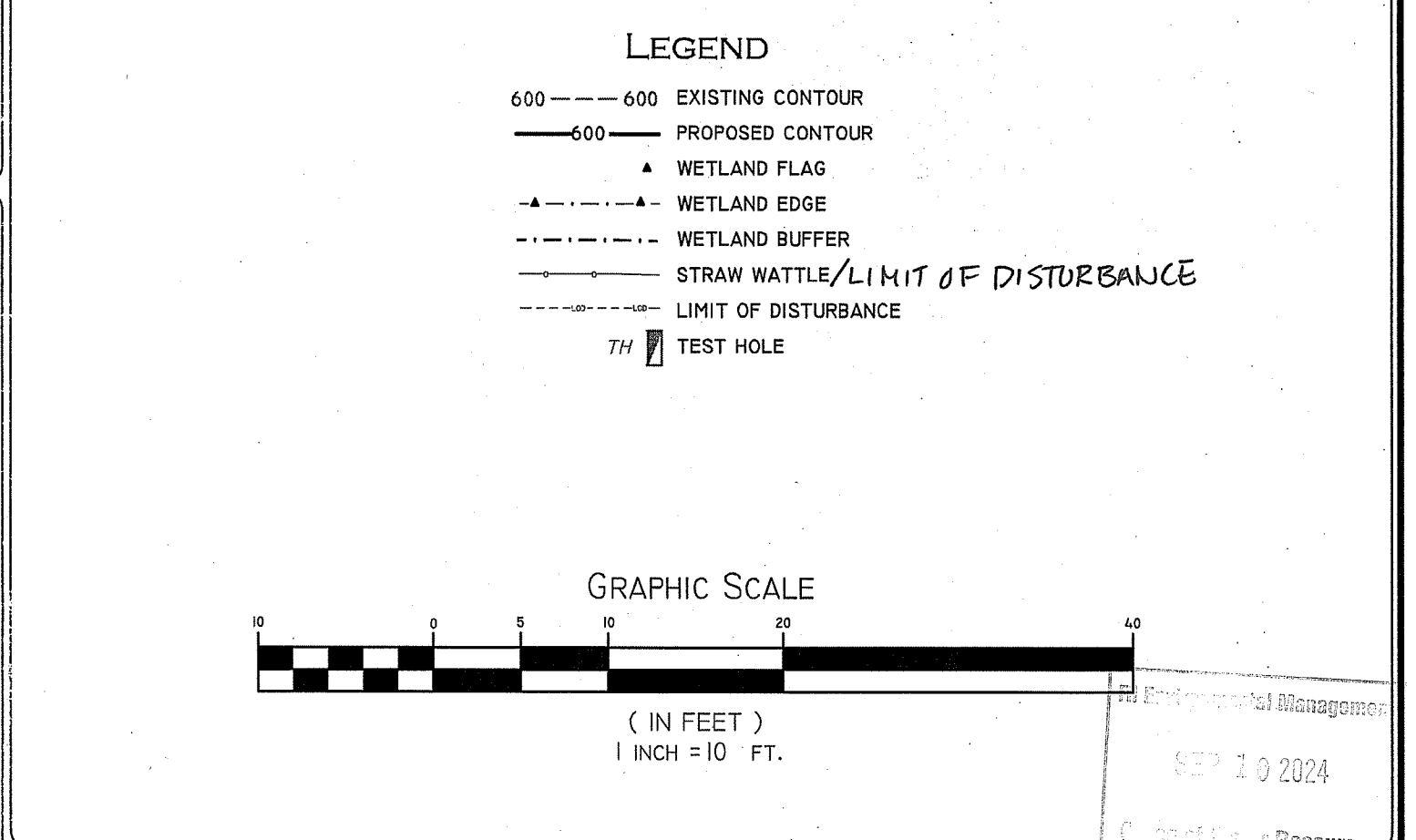
**STRAW WATTLE**  
NOT TO SCALE



- EROSION & SEDIMENT STATION CONTROL:**
- BEGIN AT THE LOCATION WHERE WATTLE IS TO BE INSTALLED BY EXCAVATING 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
  - PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
  - SECURE THE WATTLE WITH 18-24" STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.
  - CONTRACTOR IS RESPONSIBLE TO MAINTAIN INTEGRITY OF STRAW WATTLE FOR DURATION OF CONSTRUCTION.
  - EROSION CONTROLS TO REMAIN UNTIL SOIL CONDITIONS STABILIZE.
  - LOOSE HAY TO BE SPREAD ON AREAS OF EXPOSED LOAM & SEED UNTIL GERMINATION AND STABILIZATION OCCURS.



- NOTES AND SPECIFICATIONS:**
- APPLICANT/ OWNER: LAKE HOUSE PROPERTIES LLC - 68 HARRISON AVE. #605, PMB 553316, BOSTON, MA 02111  
LEASED LAND OWNER: ROSE GARDEN, CORP. - PO BOX 344, PASCOGA, RI 02859
  - WETLAND DELINEATION BY NATURAL RESOURCE SERVICES, INC. ON 11-27-23.
  - A CONTINUOUS ROW OF STRAW WATTLE IS TO BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND AREA HAS STABILIZED. STRAW WATTLE TO BE INSPECTED PERIODICALLY OR AFTER SIGNIFICANT RAINFALL, AND REPAIRED OR REPLACED AS NECESSARY.
  - AREA OF DISTURBANCE WITHIN BUFFER ZONE: 6,140 SF.  
AREA OF TEMPORARY DISTURBANCE WITHIN BUFFER ZONE: 191 SF.  
AREA OF DOCK DISTURBANCE: 914 SF±.
  - BOUNDARY SURVEY IS A CLASS IV.



**WETLANDS PLAN**

**ASSESSOR'S PLAT 121 LOT 2-28**  
162 BROUILLARD LANE  
BURRILLVILLE, RHODE ISLAND

PREPARED FOR: LAKE HOUSE PROPERTIES LLC  
177 HUNTINGTON AVE., STE 1703, BOSTON, MA 02115-3153

JOB # 13-092A SCALE: 1" = 10' DRAWN BY: LMB DATE: MARCH 26, 2024  
REVISED: 6-28-24, 8-14-24

PAUL D. CARLSON  
No. 7142  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
PROFESSIONAL SEAL

**INSITE** Engineering Services, LLC  
PROFESSIONAL ENGINEERS | LAND SURVEYORS  
Precision. Clarity. Certainty.

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North Smithfield, Rhode Island  
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Web Address: insiteengineers.com

**SHEET 1 OF 1**