

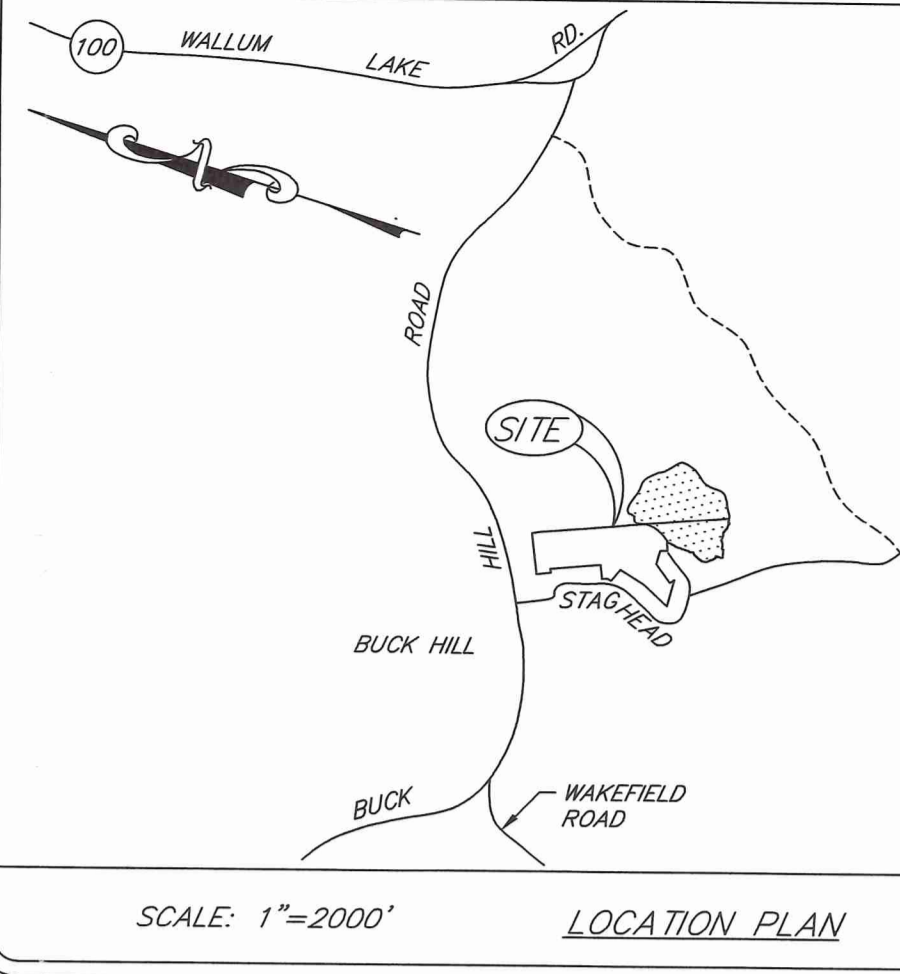
**COMPILATION PLAN**  
 THIS COMPILATION PLAN IS A CLASS IV BOUNDARY PREPARED FROM SOURCES OF INFORMATION AND DATA WHOSE POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED. THE PROPERTY LINES HEREON DO NOT REPRESENT A BOUNDARY OPINION, AND ARE SUBJECT TO SUCH CHANGES AS AN AUTHORITY BOUNDARY SURVEY WOULD DISCLOSE.

- PROJECT NOTES**
- PROJECT LIMITS SHOWN INCLUDE:
    - EXTENSION OF EXISTING WALKWAY AND CONSTRUCTION OF GAZEBO LOCATE IN THE NORTHWESTERN PORTION NEAR POND
    - EXTENSION OF EXISTING WALKWAY AND CONSTRUCTION OF THE OBSERVATION TOWER IN THE SOUTHEASTERN PORTION NEAR ROUND LAKE
  - EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE LOCATED JUST INSIDE THE TEMPORARY LIMITS OF DISTURBANCE (TLOD) PRIOR TO ANY CONSTRUCTION AND SHALL BE MAINTAINED UNTIL STABLE SURFACE IS ESTABLISHED
  - ALL PROPOSED WORK SHALL RESULT IN MINIMAL DISTURBANCE OF THE AREA AND AS SUCH, NO STORMWATER ANALYSIS IS REQUIRED
  - THERE ARE NO FLOOD PLAINS ASSOCIATED WITH THE ON-SITE PONDS, LAKES, AND FORESTED SWAMPS. THE PROPOSED WORK WILL NOT RESULT IN THE DEGRADATION OF ANY FLOOD PRONE AREAS.
  - THE WETLAND WILL CONTINUE TO PROVIDE ITS NATURAL RESISTANCE TO FLOOD FLOWS IN THE SAME CAPACITY AS THAT OF PRE-PROJECT LEVELS.
  - ANY REQUIRED STRUCTURAL ANALYSIS SHALL BE PERFORMED BY A RI LICENSED PROFESSIONAL ENGINEER WITH A STRUCTURAL DISCIPLINE

**WEL Walker Engineering, Ltd.**

31 Vale Court  
 West Greenwich, RI 02817  
 Phone / Fax (401) 397-8745  
 Email: wel31.pw@gmail.com

PATRICIA K. WALKER  
 No. 5331  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL / SITE PLAN  
 NOT STRUCTURAL



**BENCH MARK:**  
 SPIKE NAIL SURVEY CONTROL POINT  
 ELEVATION = 661.25' NAVD 88 DATUM

**NOTE:**  
 SEE SHEET 2 FOR NOTES AND DETAILS.

**LIMITS OF DISTURBANCE (LOD) FOR PATH & WOOD WALKWAY SHALL BE 4 FEET AND 15 FEET FOR GAZEBO**  
 LOD AREA = 997 +/- SF  
 ALL CONSTRUCTION TO BE DONE DURING LOW SEASONAL WATER TABLE PERIOD, TYPICALLY JULY 1 THROUGH OCTOBER 31

**PROPOSED 3" WIDE PERVIOUS PATH**  
 SEE DETAIL SHEET 2

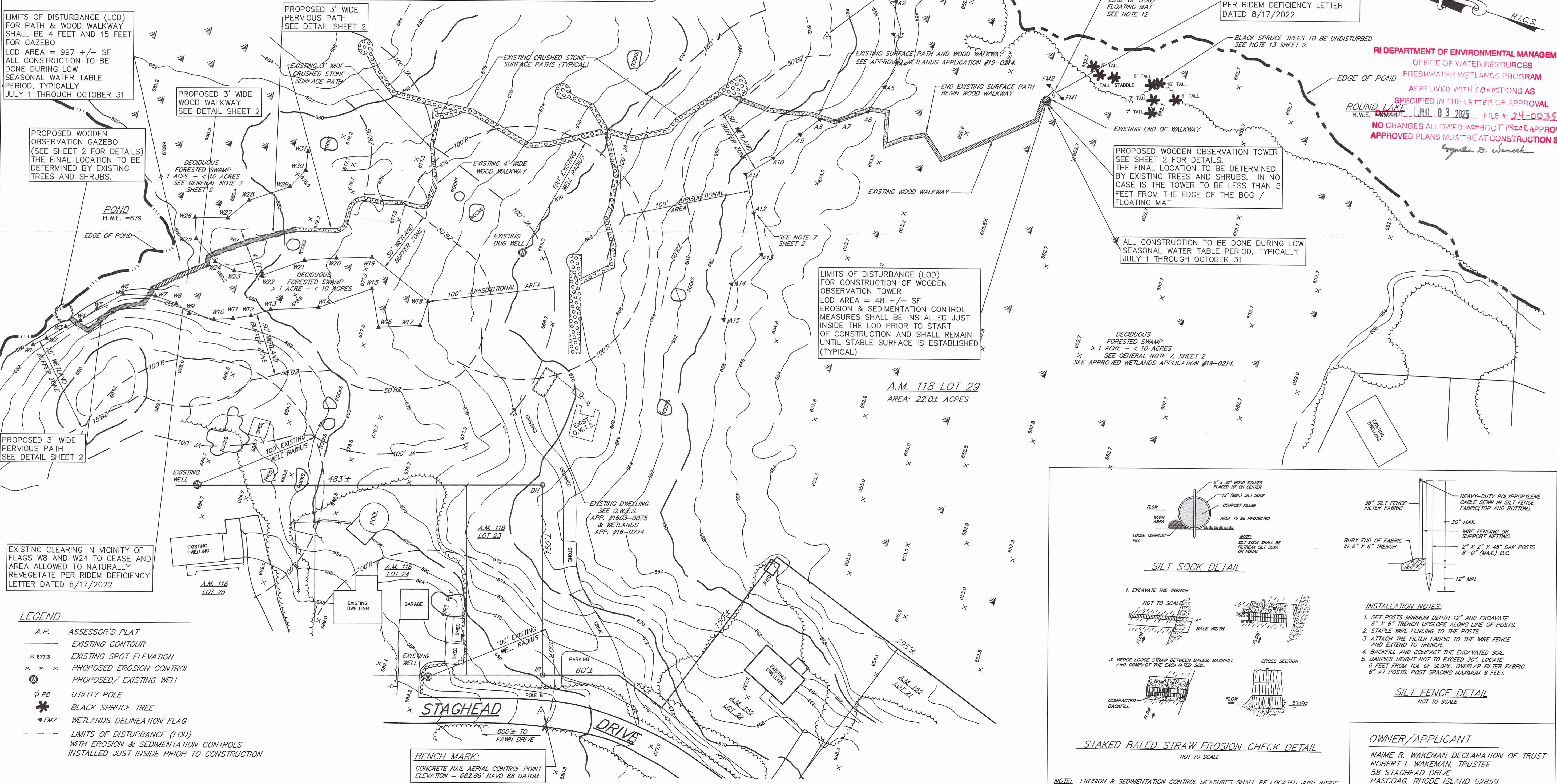
**PROPOSED 3" WIDE WOOD WALKWAY**  
 SEE DETAIL SHEET 2

**PROPOSED WOODEN OBSERVATION GAZEBO**  
 (SEE SHEET 2 FOR DETAILS) THE FINAL LOCATION TO BE DETERMINED BY EXISTING TREES AND SHRUBS.

**EXISTING CLEARING IN VICINITY OF FLAGS W8 AND W24 TO CEASE AND AREA ALLOWED TO NATURALLY REVEGETATE PER RIDEM DEFICIENCY LETTER DATED 8/17/2022**

- LEGEND**
- A.P. ASSESSOR'S PLAT
  - EXISTING CONTOUR
  - 671.3 EXISTING SPOT ELEVATION
  - x x x PROPOSED EROSION CONTROL
  - PROPOSED/EXISTING WELL
  - UTILITY POLE
  - BLACK SPRUCE TREE
  - FM2 WETLANDS DELINEATION FLAG
  - LIMITS OF DISTURBANCE (LOD) WITH EROSION & SEDIMENTATION CONTROLS INSTALLED JUST INSIDE PRIOR TO CONSTRUCTION

**BENCH MARK:**  
 CONCRETE NAIL AERIAL CONTROL POINT  
 ELEVATION = 662.86' NAVD 88 DATUM

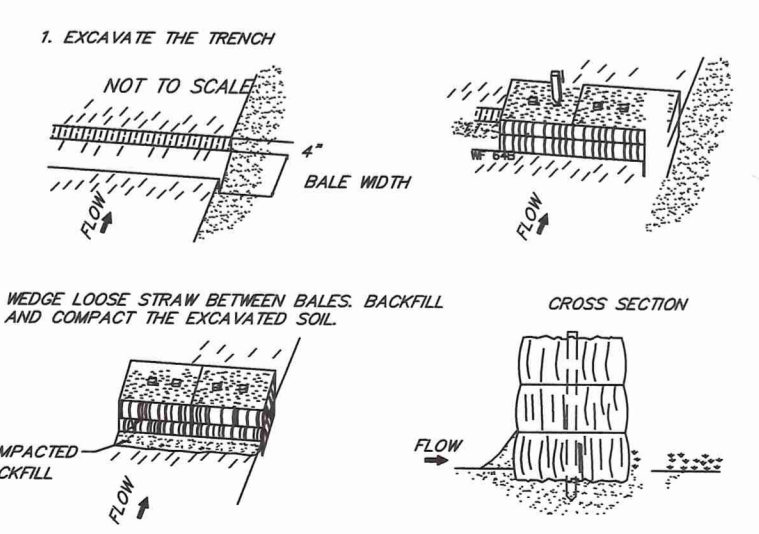


**LIMITS OF DISTURBANCE (LOD) FOR CONSTRUCTION OF WOODEN OBSERVATION TOWER**  
 LOD AREA = 48 +/- SF  
 EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED JUST INSIDE THE LOD PRIOR TO START OF CONSTRUCTION AND SHALL REMAIN UNTIL STABLE SURFACE IS ESTABLISHED (TYPICAL)

**ALL CONSTRUCTION TO BE DONE DURING LOW SEASONAL WATER TABLE PERIOD, TYPICALLY JULY 1 THROUGH OCTOBER 31**

**DECIDUOUS FORESTED SWAMP > 1 ACRE < 10 ACRES**  
 SEE GENERAL NOTE 7, SHEET 2  
 SEE APPROVED WETLANDS APPLICATION #19-0214.

**SILT SOCK DETAIL**



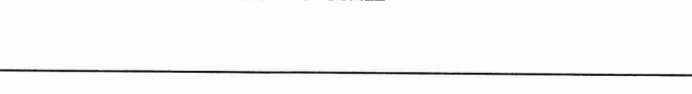
**STAKED BALED STRAW EROSION CHECK DETAIL**

**NOTE:** EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE LOCATED JUST INSIDE THE TEMPORARY LIMITS OF DISTURBANCE (TLOD) PRIOR TO ANY CONSTRUCTION AND SHALL BE MAINTAINED UNTIL STABLE SURFACE IS ESTABLISHED

**INSTALLATION NOTES:**

- SET POSTS MINIMUM DEPTH 12" AND EXCAVATE 6" X 6" TRENCH UPSLOPE ALONG LINE OF POSTS.
- STAPLE WIRE FENCING TO THE POSTS.
- ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND TO TRENCH.
- BACKFILL AND COMPACT THE EXCAVATED SOIL.
- BARRIER HEIGHT NOT TO EXCEED 30" LOCATE 6 FEET FROM TOE OF SLOPE. OVERLAP FILTER FABRIC 6" AT POSTS. POST SPACING MAXIMUM 8 FEET.

**SILT FENCE DETAIL**



**OWNER/APPLICANT**  
 NAIME R. WAKEMAN DECLARATION OF TRUST  
 ROBERT I. WAKEMAN, TRUSTEE  
 58 STAGHEAD DRIVE  
 PASCOAG, RHODE ISLAND 02859  
 TEL.: (508) 642-9527

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 JUL 10 3 2024 FILE # 24-0035  
 NO CHANGES ALLOWED WITHOUT PRE-APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**SCITUATE SURVEYS, INC.**  
 110 TIGHE AVENUE  
 COVENTRY, R.I. 02816  
 LAND SURVEYING / MAPPING / SITE PLANNING  
 SCALE IN FEET: 0 20 40 80 120

REGISTRATION HAS BEEN CONDUCTED AND THE PLAN HAS BEEN RECORDED IN ACCORDANCE WITH SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 28, 2015, AS FOLLOWS:  
 TYPE OF BOUNDARY SURVEY: CLASS III  
 DATE OF BOUNDARY SURVEY: N/A  
 DATE OF ACCUMULATION SURVEY: N/A  
 TYPE OF ACCUMULATION SURVEY: CLASS III  
 DATE OF ACCUMULATION SURVEY: N/A  
 TYPE OF DATA ACQUISITION SURVEY: CLASS III  
 DATE OF DATA ACQUISITION SURVEY: N/A  
 TYPE OF COMPILATION PLAN: CLASS III  
 DATE OF COMPILATION PLAN: N/A  
 TYPE OF SOLIDIFICATION OF EVIDENCE: N/A  
 DATE OF SOLIDIFICATION OF EVIDENCE: N/A  
 TYPE OF SURVEY: CLASS III  
 DATE OF SURVEY: N/A  
 TYPE OF SURVEY: CLASS III  
 DATE OF SURVEY: N/A  
 TYPE OF SURVEY: CLASS III  
 DATE OF SURVEY: N/A

**ANGELO M. RAIMONDI**  
 No. 1762  
 PROFESSIONAL LAND SURVEYOR

**PLAN OF PROPOSED SURFACE PATH, WOOD WALKWAY & WOOD TOWER**  
 A.M. 118 LOT 29  
 58 STAGHEAD DRIVE  
 BURRILLVILLE, RHODE ISLAND  
 PREPARED FOR: ROBERT WAKEMAN  
 Ri Environmental Management  
 Office of Water Resources  
 AUG - 1 2024  
 DATE: FEBRUARY 20, 2024 / REVISED APRIL 22, 2024  
 PROJECT NO.: SS2206.01 SHEET 1 OF 2  
 DRAWING NO.: SS5117

**PLAN FOR NOTICE**

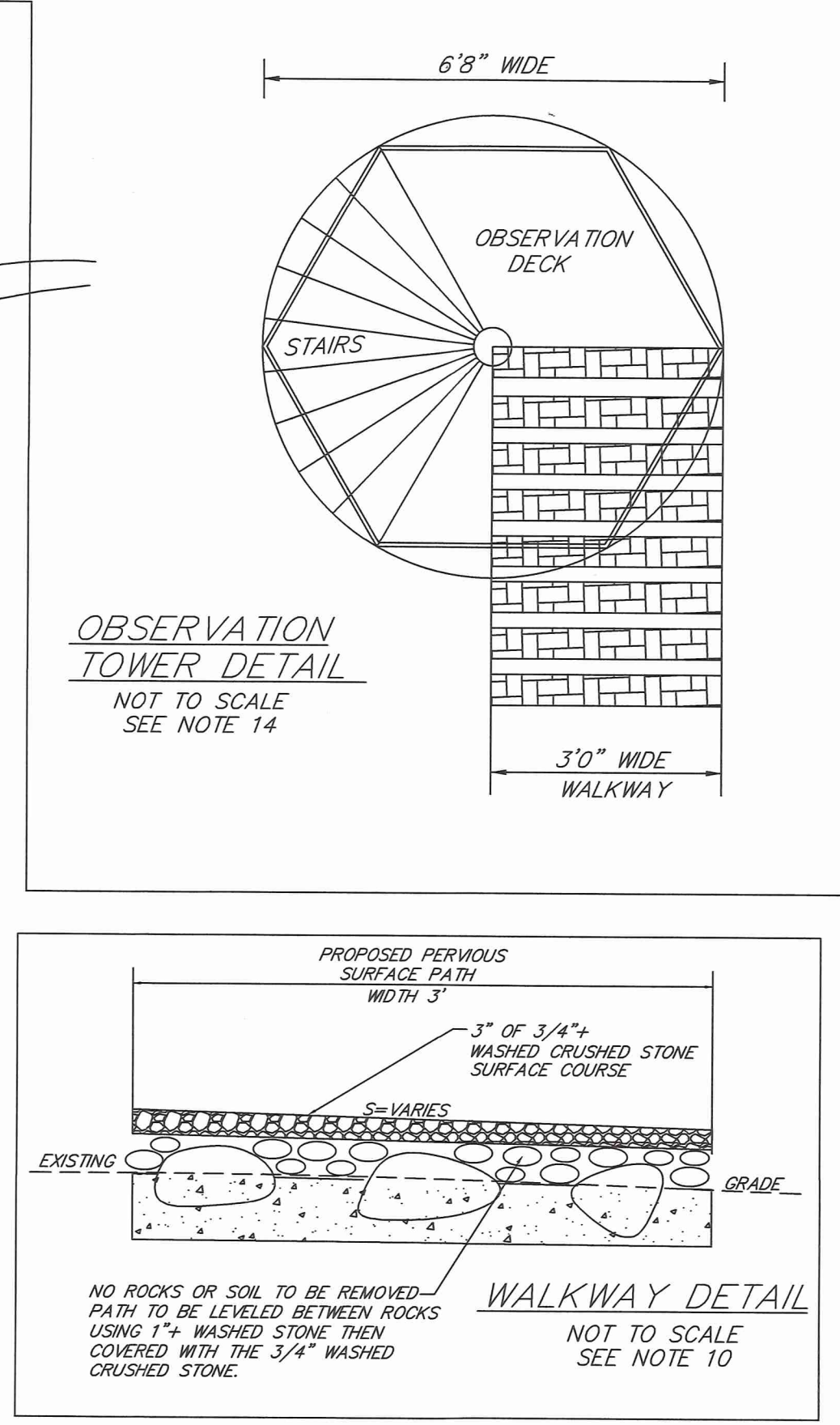
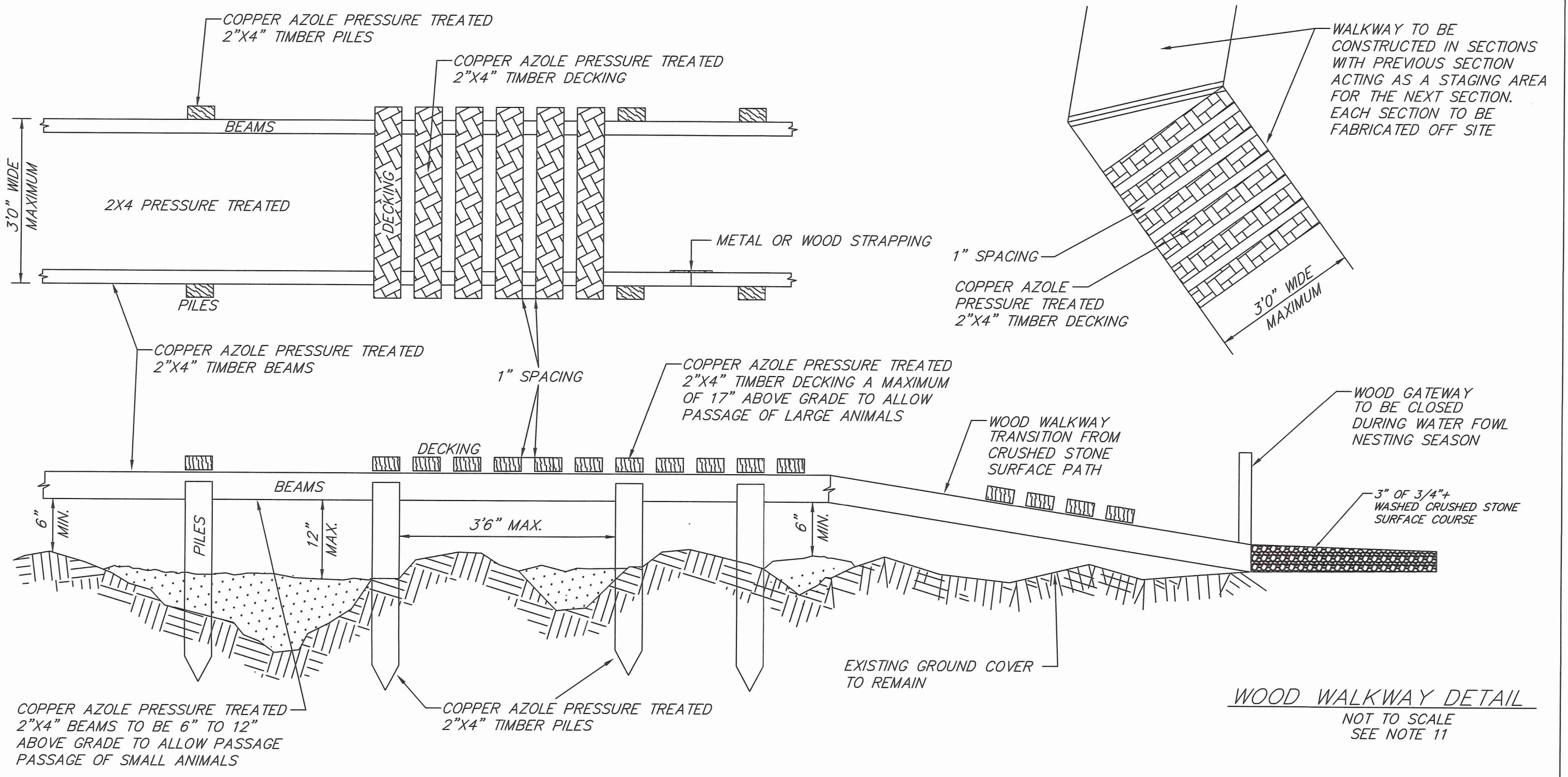
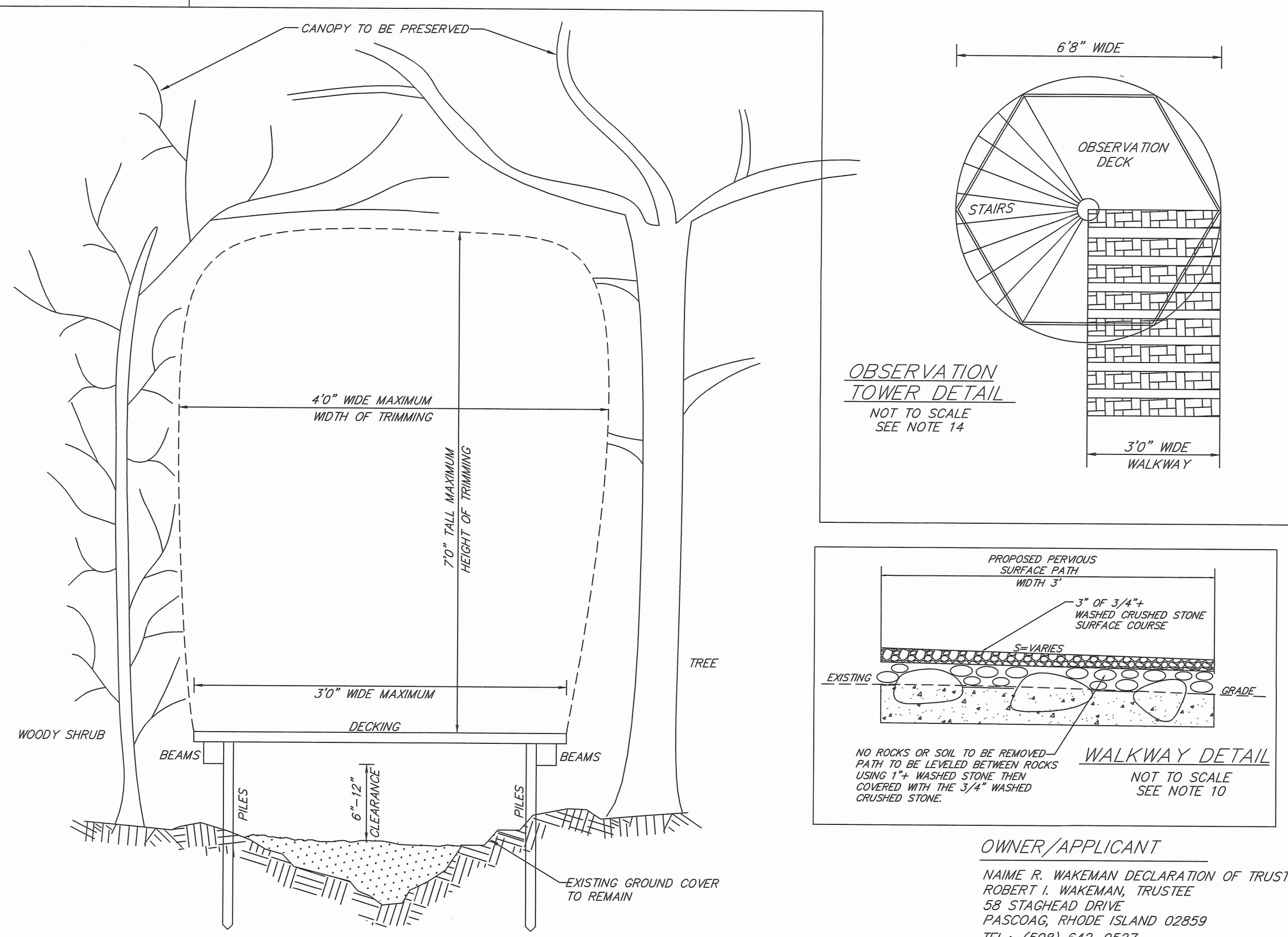
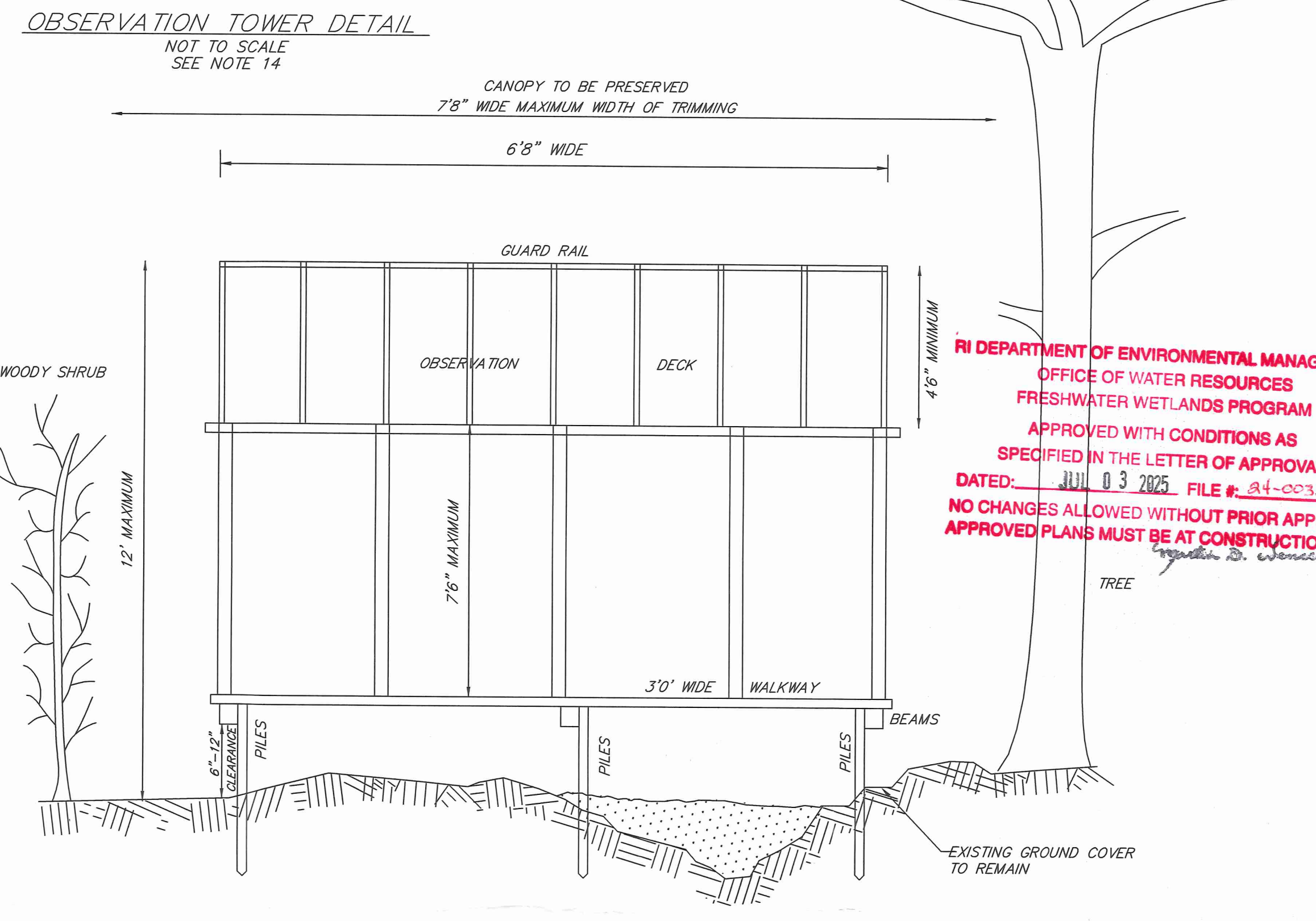
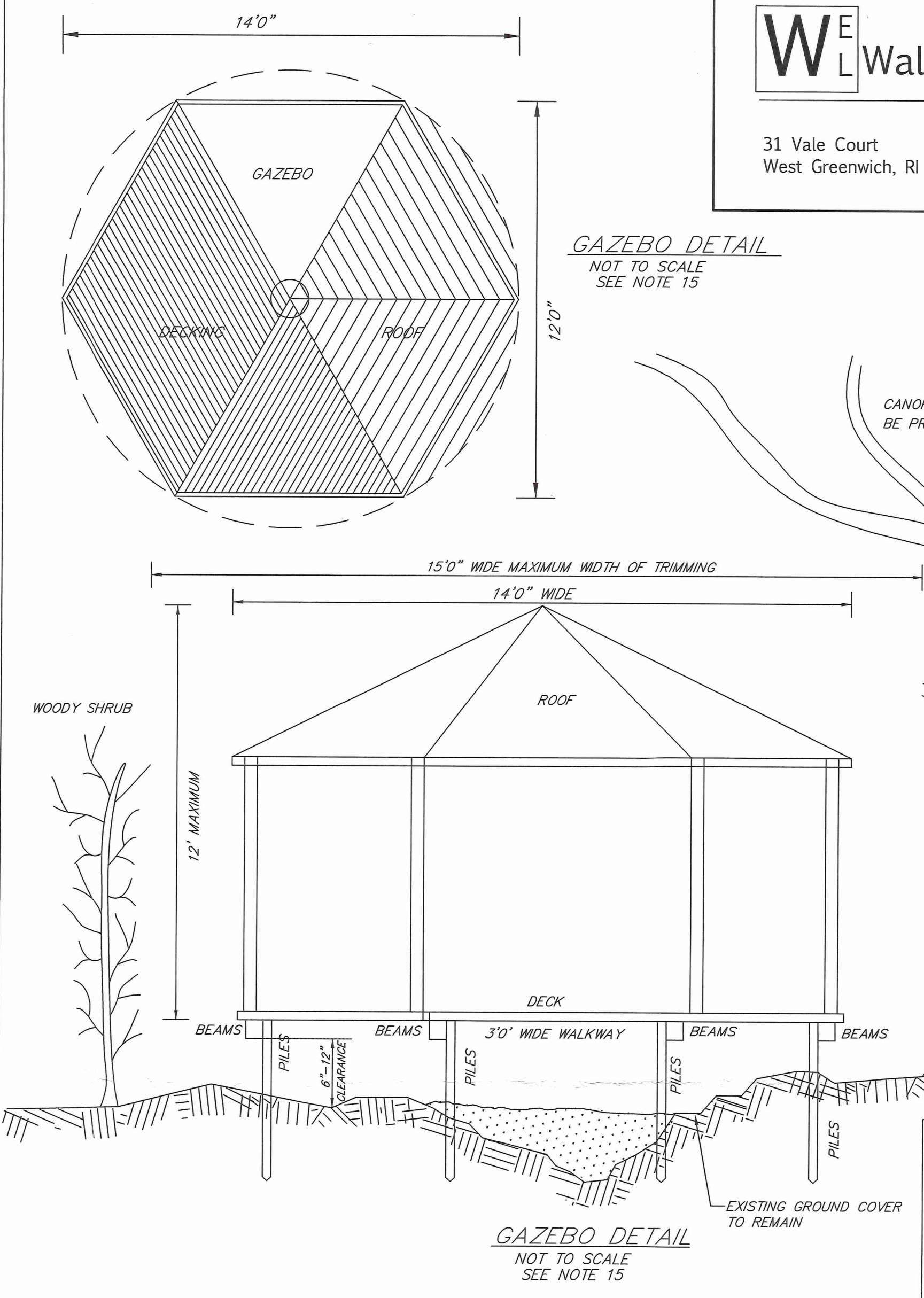
**GENERAL NOTES**

1. THE DATA ACCUMULATION SURVEY DEPICTED HEREON IS A PRODUCT, IN PART, OF AERIAL PHOTOGRAMMETRY PREPARED FROM PHOTOGRAPHY DATED APRIL 10, 2006. SCITUATE SURVEYS, INC. SURVEY LOCATED (TOTAL STATION) THE NEW WETLAND DELINEATION FLAGS (W1 W5) IN MAY 2022. SCITUATE SURVEYS LOCATED THE REVISED PROPOSED PERVIOUS PATH AND WOOD WALKWAY LOCATIONS ON 8/29/23.
2. THE HORIZONTAL DATUM IS THE RHODE ISLAND COORDINATE SYSTEM. THE VERTICAL DATUM IS NAVD 88. BOTH WERE DERIVED FROM CONTROL SURVEYS WHICH EMPLOYED GLOBAL POSITIONING TECHNOLOGY.
3. THE SITE IS LOCATED WITHIN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN). SEE FLOOD INSURANCE RATE MAP FOR PROVIDENCE COUNTY, RHODE ISLAND NUMBER 440070110H DATED JULY 18, 2023.
4. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. DIG SAFE AND APPROPRIATE UTILITY AUTHORITIES SHALL BE NOTIFIED PRIOR TO ANY EARTH DISTURBING ACTIVITIES FOR ACCURATE UTILITY LOCATIONS.
5. ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF ALL STATE AND LOCAL PERMITS.
6. ALL IMPROVEMENTS SHALL BE ACCURATELY LOCATED AND STAKED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. THE WETLANDS DELINEATION FOR THE EXISTING PATH/WALKWAY AREA WAS CONDUCTED IN MAY 2019 BY NATURAL RESOURCE SERVICES, INC. SEE WETLANDS APPLICATION #19-0214 DATED JULY 21, 2020. THAT DELINEATION REPLACED THE ORIGINAL 2006 DELINEATION. THE WETLANDS DELINEATION FOR THE PROPOSED PATH/WALKWAY/GAZEBO AREA WAS CONDUCTED IN APRIL 2022 BY NATURAL RESOURCE SERVICES, INC. A COPY OF THE LETTER OF FINDINGS IS INCLUDED WITH THIS APPLICATION. THIS DELINEATION REPLACED THE ORIGINAL 2006 DELINEATION. THE SITE LIES WITHIN RIVER REGION 1 AS DEPICTED IN THE WETLANDS REGULATIONS. THE WETLANDS ON-SITE CONSIST OF DECIDUOUS FORESTED SWAMPS GREATER THAN 1 ACRE AND LESS THAN 10 ACRES IN SIZE.
8. THE OBSERVATION GAZEBO IS THE ONLY IMPERVIOUS SURFACE PROPOSED IN THIS APPLICATION. THE TOTAL AREA OF PROPOSED IMPERVIOUS SURFACE IS 154± SQUARE FEET. THIS IS BELOW THE 500 SQUARE FOOT MINIMUM FOR STORMWATER MANAGEMENT FOR INDIVIDUAL SINGLE FAMILY LOTS. THEREFORE THE APPLICATION DOES NOT HAVE TO COMPLY WITH RULE 250-150-10-8.3 OF THE FRESH WATER WETLANDS REGULATIONS REGARDING STORMWATER RUNOFF.
9. SEE INSIGNIFICANT ALTERATION PERMIT #16-0224 DATED 10/6/16 AND INSIGNIFICANT ALTERATION PERMIT #19-0214 DATED 7/21/20. SEE ALSO DEFICIENCY LETTER FOR APPLICATION NO. 22-0223 DATED 8/17/2022.
10. THE PROPOSED SURFACE PATH IS TO CONSIST OF A SURFACE COURSE OF 3" OF 3/4" CRUSHED STONE. NO SOIL OR ROCKS WILL BE REMOVED. WHERE NECESSARY THE PATH WILL BE LEVELED USING WASHED STONE GREATER THAN 1" BETWEEN THE ROCKS. THE PATH WILL AVOID TREES AND SHRUBS.
11. THE PROPOSED WOOD WALKWAY IS TO CONSIST OF COPPER AZOLE 2" BY 4" BEAMS, PILES AND DECKING. EACH SECTION OF THE WALKWAY IS TO BE FABRICATED OFF SITE. THE WALKWAY WILL BE CONSTRUCTED IN SECTIONS WITH THE PREVIOUS SECTION SERVING AS THE STAGING AREA. ALL WORK IS TO BE DONE BY HAND WITH HAND TOOLS. EXCEPT FOR THE PILES THERE WILL BE NO DISTURBANCE OF THE SOILS OR THE ROOTS OF THE EXISTING VEGETATION. TRIMMING IS TO BE LIMITED TO A CORRIDOR A MAXIMUM OF 4" WIDE BY 7" TALL (SEE DETAIL). THE EXISTING TREE CANOPY IS TO BE PRESERVED. WORK ON THE WALKWAY IS TO BE DONE DURING LOW SEASONAL GROUND WATER PERIOD OF JULY 1 - OCTOBER 31. NO WOOD PRESERVATIVES, HERBICIDES OR CONSTRUCTION MATERIALS OTHER THAN WOOD WILL BE USED.
12. THE BOG/FLOATING VEGETATIVE MAT WAS DELINEATED IN THE FIELD BY NATURAL RESOURCE SERVICES INC. ON MAY 1, 2020 (SEE WETLANDS APPLICATION #19-0214 DATED JULY 21, 2020). THE DELINEATION FLAGS WERE SURVEY LOCATED BY SCITUATE SURVEYS, INC. AT THE SAME TIME. THE EXISTING WOOD WALKWAY ENDS 5' SHORT OF THE DELINEATED EDGE OF THE BOG/FLOATING VEGETATIVE MAT.
13. THE EXISTING BLACK SPRUCE TREES WILL REMAIN UNDISTURBED. NO CUTTING OR TRIMMING WILL BE ALLOWED.
14. THE PROPOSED WOOD OBSERVATION TOWER IS TO CONSIST OF COPPER AZOLE 4" BY 4" BEAMS, PILES AND WOOD DECKING. EACH SECTION OF THE TOWER IS TO BE FABRICATED OFF SITE. ALL WORK IS TO BE DONE BY HAND WITH HAND TOOLS. EXCEPT FOR THE PILES THERE WILL BE NO DISTURBANCE OF THE SOILS OR THE ROOTS OF THE EXISTING VEGETATION. THE TOWER IS TO BE CONSTRUCTED SO AS TO AVOID TREES AND SHRUBS. NO CUTTING OF TREES OR SHRUBS IS ANTICIPATED. TRIMMING IS TO BE LIMITED TO AN AREA A MAXIMUM OF 15' ABOVE THE EXISTING GROUND BY A DIAMETER OF 8' (SEE DETAIL). THE EXISTING TREE CANOPY IS TO BE PRESERVED. WORK ON THE TOWER IS TO BE DONE DURING LOW SEASONAL GROUND WATER PERIOD OF JULY 1 - OCTOBER 31. NO WOOD PRESERVATIVES, HERBICIDES OR CONSTRUCTION MATERIALS OTHER THAN WOOD WILL BE USED.
15. THE PROPOSED WOOD OBSERVATION GAZEBO IS TO CONSIST OF COPPER AZOLE 4" BY 4" BEAMS, PILES AND DECKING. EACH SECTION OF THE GAZEBO IS TO BE FABRICATED OFF SITE. ALL WORK IS TO BE DONE BY HAND WITH HAND TOOLS. EXCEPT FOR THE PILES THERE WILL BE NO DISTURBANCE OF THE SOILS OR THE ROOTS OF THE EXISTING VEGETATION. THE GAZEBO IS TO BE CONSTRUCTED SO AS TO AVOID TREES AND SHRUBS. NO CUTTING OF TREES OR SHRUBS IS ANTICIPATED. TRIMMING IS TO BE LIMITED TO AN AREA A MAXIMUM OF 15' ABOVE THE EXISTING GROUND BY A DIAMETER OF 15' (SEE DETAIL). THE EXISTING TREE CANOPY IS TO BE PRESERVED. WORK ON THE GAZEBO IS TO BE DONE DURING LOW SEASONAL GROUND WATER PERIOD OF JULY 1 - OCTOBER 31. NO WOOD PRESERVATIVES, HERBICIDES OR CONSTRUCTION MATERIALS OTHER THAN WOOD WILL BE USED.
16. ALL PROPOSED LIMITS OF DISTURBANCE INCLUDING STRUCTURES AND MAINTENANCE AND TRIMMING WILL CONSTITUTE 1,045 ±/- SQUARE FEET OF TOTAL PERMANENT ALTERATION.

**Walker Engineering, Ltd.**  
 31 Vale Court West Greenwich, RI 02817 Phone / Fax (401) 397-8745 Email: wel31.pw@gmail.com

PATRICIA K. WALKER  
 No. 5331 REGISTERED PROFESSIONAL ENGINEER CIVIL / SITE ONLY  
 NOT STRUCTURAL

NOTE: ANY REQUIRED STRUCTURAL ANALYSIS SHALL BE PERFORMED BY A RI LICENSED PROFESSIONAL ENGINEER WITH A STRUCTURAL DISCIPLINE



**SCITUATE SURVEYS, INC.**  
 410 TIOGUE AVENUE COVENTRY, RHODE ISLAND 02816 401-821-8101  
 LAND SURVEYING/MAPPING/SITE PLANNING

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: JUL 03 2024 FILE # 24-0035  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

ANGILO M. RAIMONDI  
 No. 1762 REGISTERED PROFESSIONAL LAND SURVEYOR

PLAN OF PROPOSED SURFACE PATH, WOOD WALKWAY & WOOD TOWER  
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 58 STAGHEAD DRIVE BURRILLVILLE, RHODE ISLAND  
 PREPARED FOR: ROBERT WAKEMAN  
 DATE: FEBRUARY 20, 2024 / REVISED APRIL 22, 2024  
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 DRAWING NO.: SS5117

