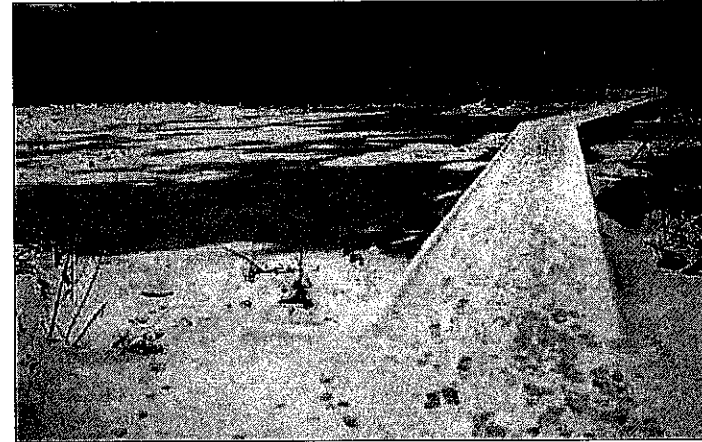


- LEGEND**
- PROPERTY BOUNDARY
 - - - ROAD RIGHT-OF-WAY
 - WETLAND DELINEATION BOUNDARY
 - - - - 25' WETLAND SETBACK

- NOTES**
- SEE SHEET L510 FOR ADDITIONAL BOARDWALK NOTES AND CONSTRUCTION DETAILS.
 - TOTAL NUMBER OF HELICAL PIER SUPPORTS FOR BOARDWALK IS 61. OF THOSE 61 TOTAL SUPPORTS, 38 ARE LOCATED WITHIN THE DELINEATED WETLAND.



PROPOSED GRAVEL DRIVEWAY



PROPOSED SINGLE FAMILY RESIDENCE

PROPOSED DOG RUN AREA
PROPOSED DRAIN FIELD

JOY PROJECT
PHASE ONE CONSTRUCTION
ANN ARBOR TOWNSHIP, MICHIGAN



SCALE VARIES
SEE DRAWING

3 BOARDWALK NO. 1 CHARACTER IMAGES
SCALE: NTS

DATE:	ISSUED FOR:
2023-04-12	EGL REVIEW
2023-08-17	EGL REVISIONS
2023-11-27	EGL REVISIONS

DRAWN	SES
CHECKED	TRS

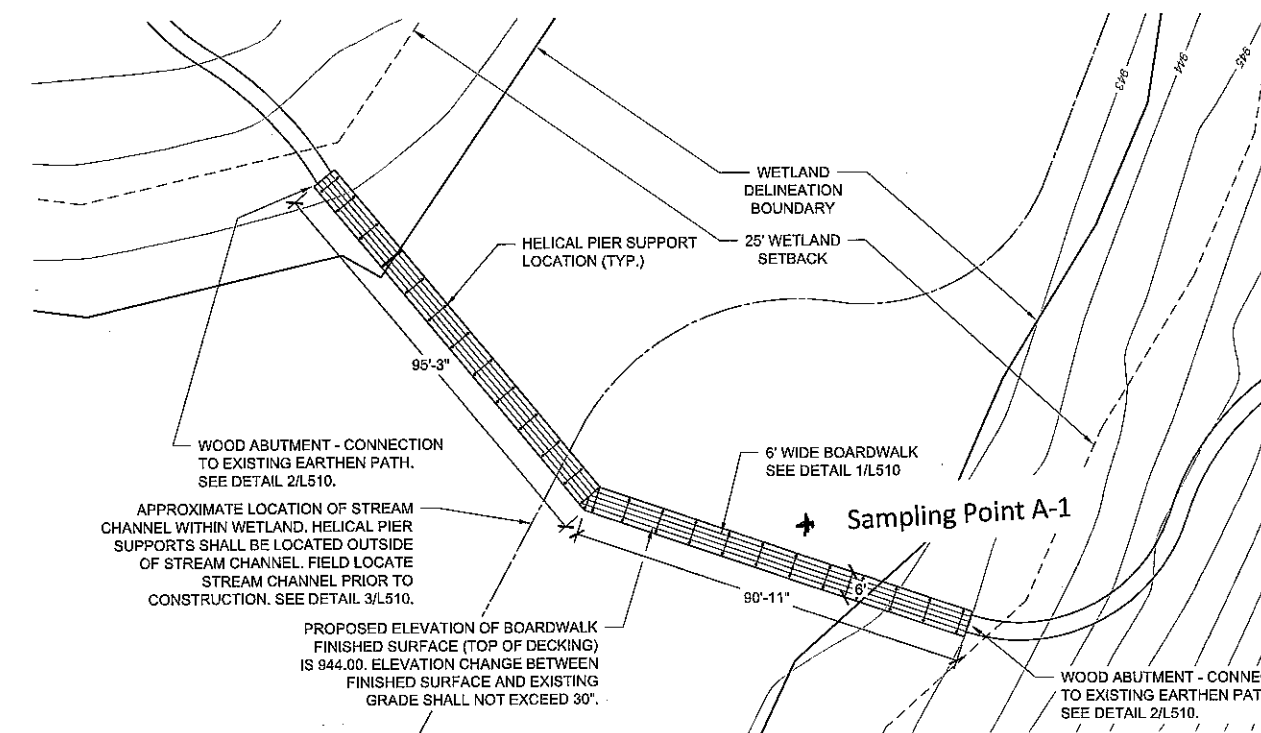
JOB NO.
22GHR01

TITLE
BOARDWALK LAYOUT

SEAL



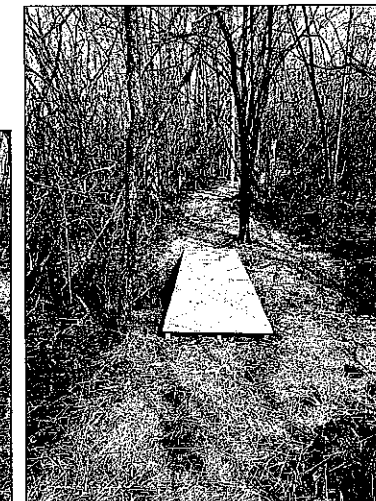
2 BOARDWALK NO. 1 LAYOUT
SCALE: 1" = 20'-0"

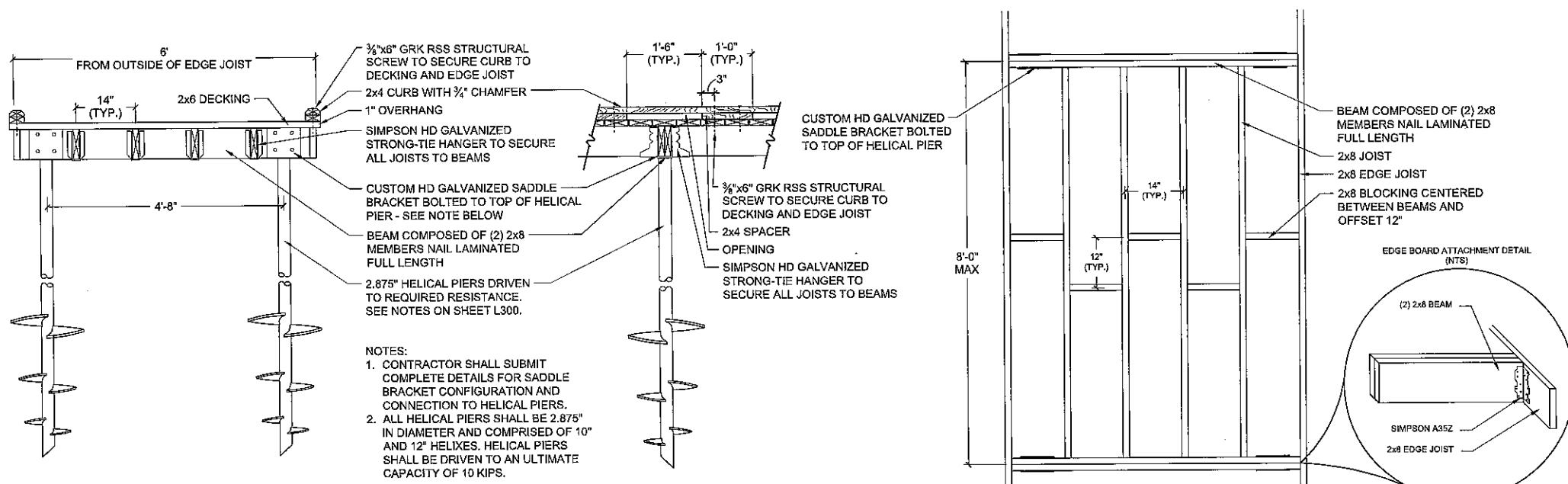


4 BOARDWALK NO. 2 EXISTING IMAGES
SCALE: NTS



4 BOARDWALK NO. 2 EXISTING IMAGES
SCALE: NTS

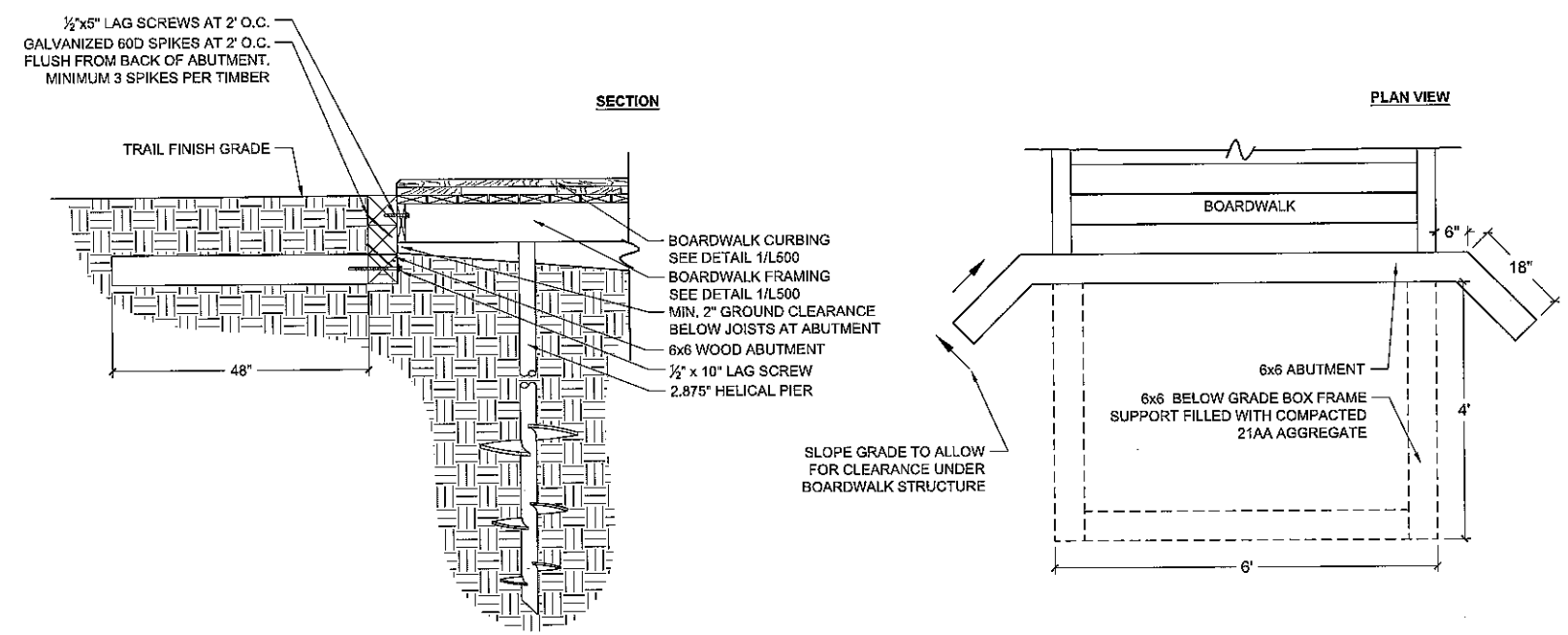




NOTES:

- CONTRACTOR SHALL SUBMIT COMPLETE DETAILS FOR SADDLE BRACKET CONFIGURATION AND CONNECTION TO HELICAL PIERS.
- ALL HELICAL PIERS SHALL BE 2.875" IN DIAMETER AND COMPRISED OF 10" AND 12" HELIXES. HELICAL PIERS SHALL BE DRIVEN TO AN ULTIMATE CAPACITY OF 10 KIIPS.

1 BOARDWALK FRAMING
 SCALE: 3/4" = 1'-0"



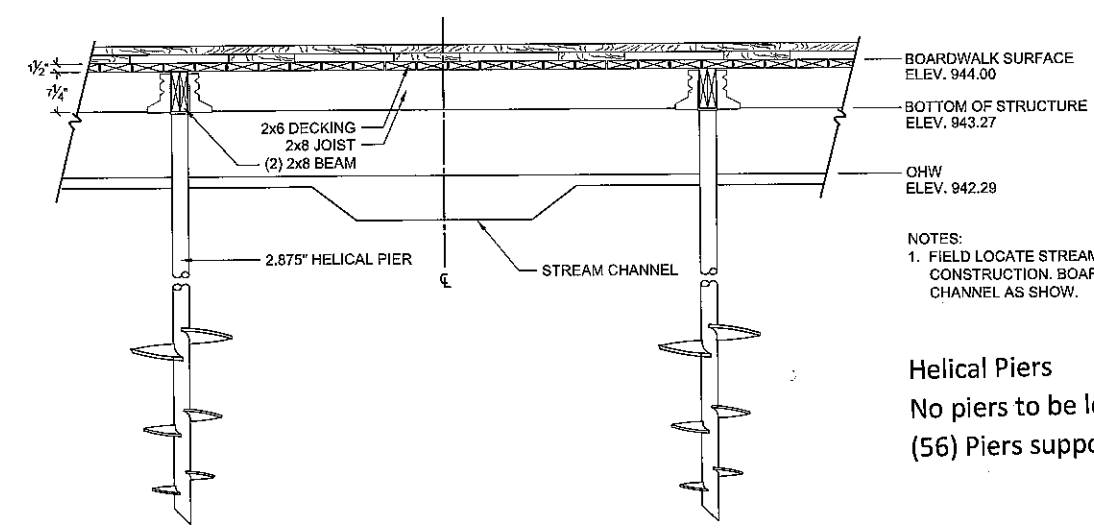
FRAMING NOTES:

- ALL JOISTS SHALL BE 2X8s.
- ALL BEAMS SHALL BE (2) 2X8s.
- ALL EDGE JOISTS SHALL BE 2X8s.
- USE WELL-SUPPORTED BLOCKING AS NECESSARY TO RECEIVE / SUPPORT CONNECTION HARDWARE.
- ADD BLOCKING BETWEEN PAIRS OF 2X8 JOISTS TO PROVIDE ADDITIONAL SUPPORT.
- ALL HARDWARE SHALL BE HOT-DIPPED GALVANIZED.
- PROVIDE STANDARD BRACKETS AND HANGERS AS INDICATED BY SIMPSON STRONG-TIE; OR EQUAL.
- ALL DECKING SHALL BE INSTALLED BARK SIDE UP.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT LIST AND SAMPLES OF ALL FASTENERS, PLATES, BASES AND FITTINGS TO BE USED FOR REVIEW AND APPROVAL.
- PIERS SHALL BE SPACED AT EQUAL INTERVALS NOT TO EXCEED 8'-0".
- ALL HELICAL PIERS ARE TO BE 2.875" IN DIAMETER AND COMPRISED OF 10" AND 12" HELIXES. HELICAL PIERS SHALL BE DRIVEN TO AN ULTIMATE CAPACITY OF 10 KIIPS.
- CONTRACTOR SHALL SUBMIT ALL HELICAL PIER INFORMATION TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.
- 2X8 JOIST SPACING TO BE 14" O.C. UNLESS OTHERWISE NOTED.
- JOIST SPACING MAY BE ADJUSTED +/- 2" TO ACCOMMODATE JOIST HANGERS AND PIER BRACKETS.

LUMBER SPECIFICATIONS:
 NOTE: ALL LUMBER SHALL BE IMPRINTED WITH INDUSTRY STANDARD GRADE STAMPS INDICATING COMPLIANCE WITH THESE SPECIFICATIONS. LUMBER NOT STAMPED OR NOT COMPLYING WITH THESE SPECIFICATIONS WILL BE REJECTED.

2x8 JOISTS 2x8 BEAMS	#2 GRADE KDAT (KILN DRIED AFTER TREATMENT) ABOVE GROUND PRESSURE TREATED
2x8 EDGE JOISTS	#1 GRADE KDAT (KILN DRIED AFTER TREATMENT) ABOVE GROUND PRESSURE TREATED
2x6 DECKING	#1 GRADE KDAT (KILN DRIED AFTER TREATMENT) ABOVE GROUND PRESSURE TREATED
2x4 BOARDWALK CURBING TOP AND SPACERS	#1 GRADE KDAT (KILN DRIED AFTER TREATMENT) GROUND CONTACT PRESSURE TREATED

2 BOARDWALK ABUTMENT
 SCALE: 3/4" = 1'-0"



Helical Piers
 No piers to be located within stream channel
 (56) Piers supporting boardwalk, volume occupied by piers = 2.76 CY

3 ELEVATION AT STREAM CROSSING
 SCALE: 3/4" = 1'-0"

JOY PROJECT
PHASE ONE CONSTRUCTION
 ANN ARBOR TOWNSHIP, MICHIGAN



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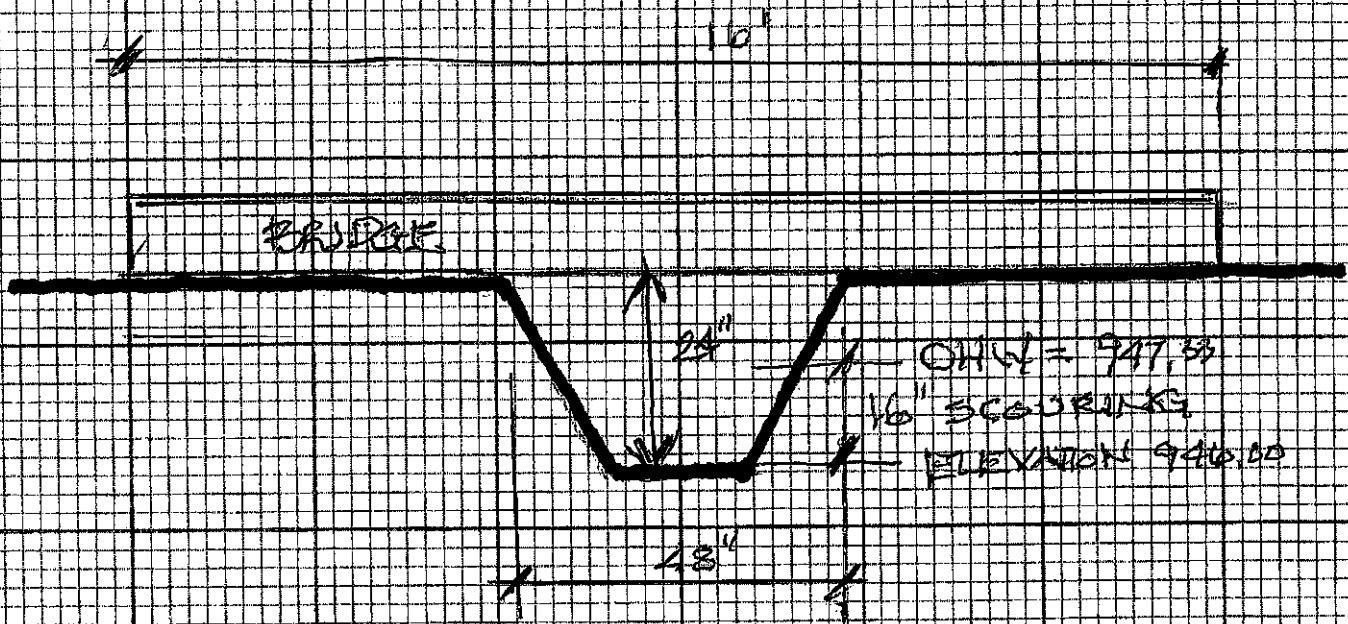
TITLE
BOARDWALK DETAILS



EGLE
 VPPD 10074 v1.0
L510
 Approved
 Issued On: 01/16/2024
 Expires On: 01/16/2029

3/22

NOTE
BRIDGE WIDTH = 3.5'



STREAM CHANNEL
CROSSING
AT CENTER THE FOOT
RESTRAIN BRIDGE

WASHTENAW ENGINEERING COMPANY ANN ARBOR, MICHIGAN 313-761-8800 FAX 761-9530

Project GREASE TRAP

Client JOHNSON - HILL

By GRS Date 7/21/23

Job No. 32940 Sheet of



WRP040074 v1.0
Approved
Issued On: 01/16/2024
Expires On: 01/16/2029