

Offices in North Vernon, Seymour, and New Castle

February 13, 2024
ADDENDUM NUMBER ONE
Project No. ENG2403768020
For Department of Natural Resources

TO: ALL BIDDERS

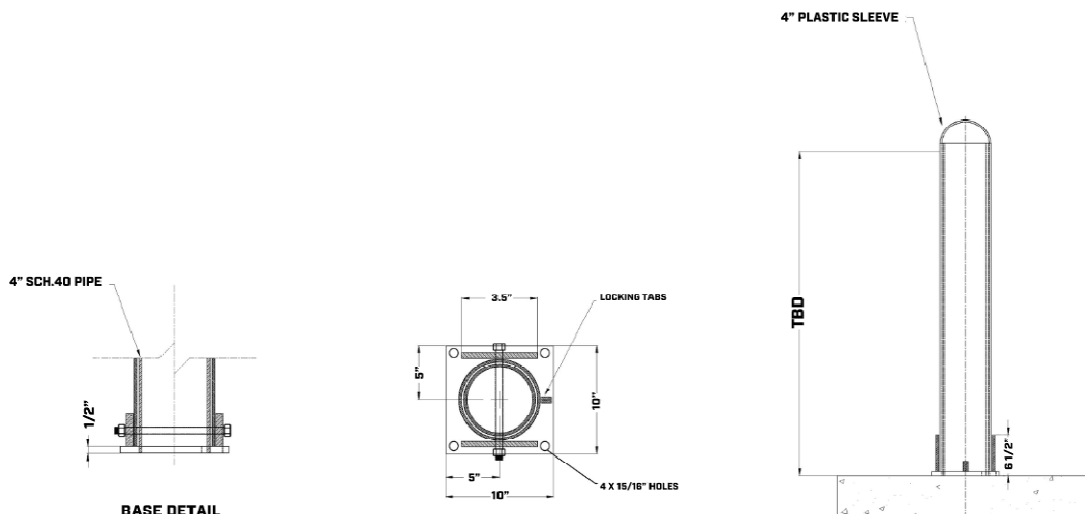
The information contained in this Addendum shall become a part of the basic plans and specifications the same as if original incorporated therein. The original plans and specifications shall remain in their entirety, except as modified by this Addendum. The items herein shall supersede information in the specifications and on the plans.

ITEM NO. 1 – Site 1 shall receive (3) detectable warning strips at roadway intersections as indicated on the plan sheet revision attached. Site 2 shall receive (1) detectable warning strip.

ITEM NO. 2 – Site 1 shall receive an ADA compliant drinking fill station with a bottle filling station included. Drinking fill station shall be Global Industrial Outdoor Bottle Filling Station w/ Bi-Level drinking fountain Model # WB761220GN in color (Green) or equal.

ITEM NO. 3 – All proposed removable bollards (6) six total shall be of the fold down type as shown on the following page and Ideal Shield or equal. Contractor shall coordinate with DNR/Engineer on final placement of bollards at Pre-Construction meeting and plastic bollard sleeve color. Bollards shall be 42" height above grade. All bollards shall be anchored to a 15" diameter concrete base (4,000psi concrete) at a depth of 30". Each bollard shall receive (4) 1/2- inch diameter x 12-inch length concrete "L" anchors (galvanized).

ideaSHIELD® 4" COLLAPSIBLE LOCKING BOLLARD



Offices in North Vernon, Seymour, and New Castle

ITEM NO. 4 – At (2) two locations as shown on attached revised overall plan and below, existing gates shall be removed and returned to DNR. Existing gate post shall be left in place and painted to match proposed bollard colors.



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- **ITEM NO. 5** – DNR will cut all trees required for the project prior the April 1 Bat habitat date with any remaining debris stacked for removal. The contractor will be responsible for removal or relocation of any remaining cut tree debris. DNR will keep any cut trees on site. Location shall be coordinated with DNR during Pre-Construction meeting.
- **ITEM NO. 6** – Site 5; the striping for the ADA space has been modified as shown on the attached revised plan sheet.
- **ITEM NO. 7** – The proposed pavement on Site 3 shall be made flush with the existing concrete pad at the dock ramp.

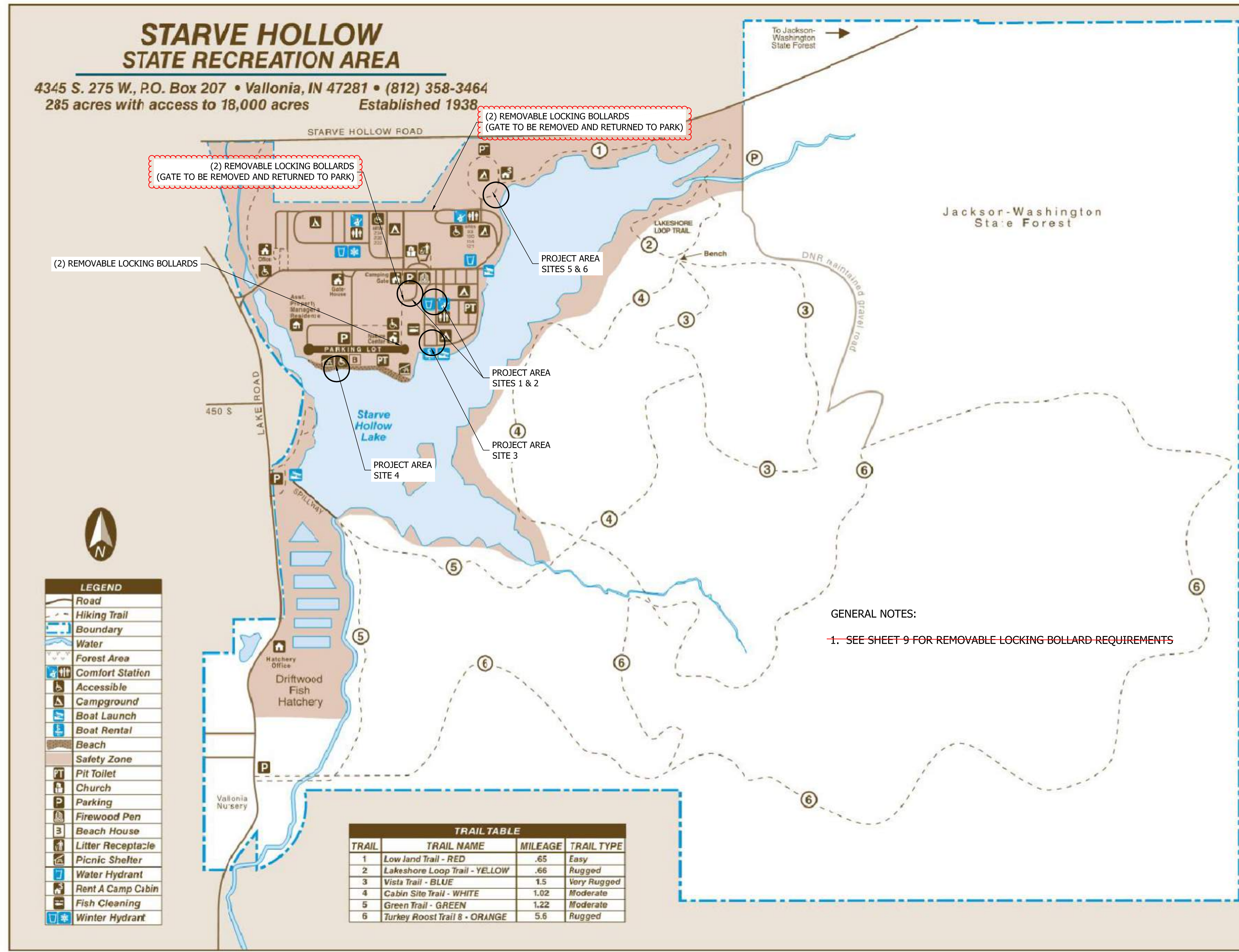
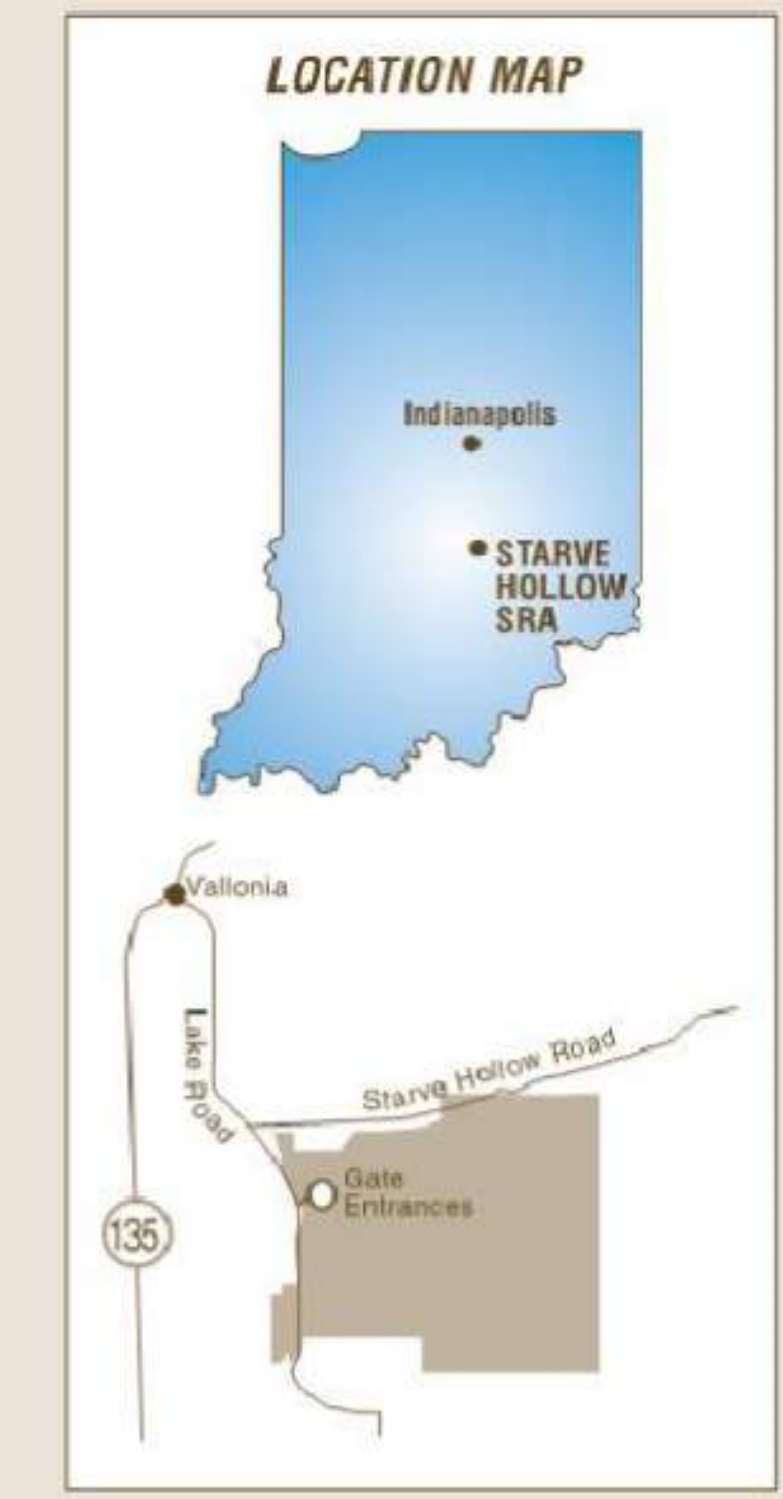
END OF ADDENDUM

File: 23-12862



STARVE HOLLOW STATE RECREATION AREA

4345 S. 275 W., P.O. Box 207 • Vallonia, IN 47281 • (812) 358-3464
285 acres with access to 18,000 acres Established 1938



LEGEND

- Road
- Hiking Trail
- Boundary
- Water
- Forest Area
- Comfort Station
- Accessible
- Campground
- Boat Launch
- Boat Rental
- Beach
- Safety Zone
- Pit Toilet
- Church
- Parking
- Firewood Pen
- Beach House
- Litter Receptacle
- Picnic Shelter
- Water Hydrant
- Rent A Camp Cabin
- Fish Cleaning
- Winter Hydrant

TRAIL TABLE

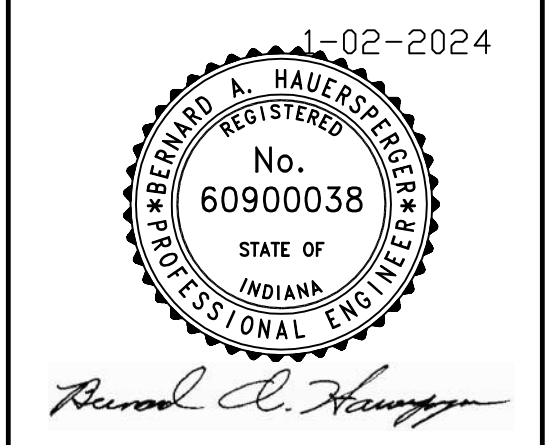
TRAIL	TRAIL NAME	MILEAGE	TRAIL TYPE
1	Lowland Trail - RED	.65	Easy
2	Lakeshore Loop Trail - YELLOW	.66	Rugged
3	Vista Trail - BLUE	1.5	Very Rugged
4	Cabin Site Trail - WHITE	1.02	Moderate
5	Green Trail - GREEN	1.22	Moderate
6	Turkey Roost Trail 8 - ORANGE	5.6	Rugged

GENERAL NOTES:
1. SEE SHEET 9 FOR REMOVABLE LOCKING BOLLARD REQUIREMENTS

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NOTES:
1. This sheet is to be: ANSI D 22" X 34"

FPBH, Inc.
Engineers • Surveyors • Planners • Inspectors
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72 Henry Street, PO Box 47
North Vernon, IN 47265
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www.fpbhonline.com



SCALE: AS SHOWN
DRAWN BY: AMB/ARC
CHECKED BY: BAH
DATE: JANUARY 2, 2024

Revision	Drawn By	Date
1	ARC	2/12/2024

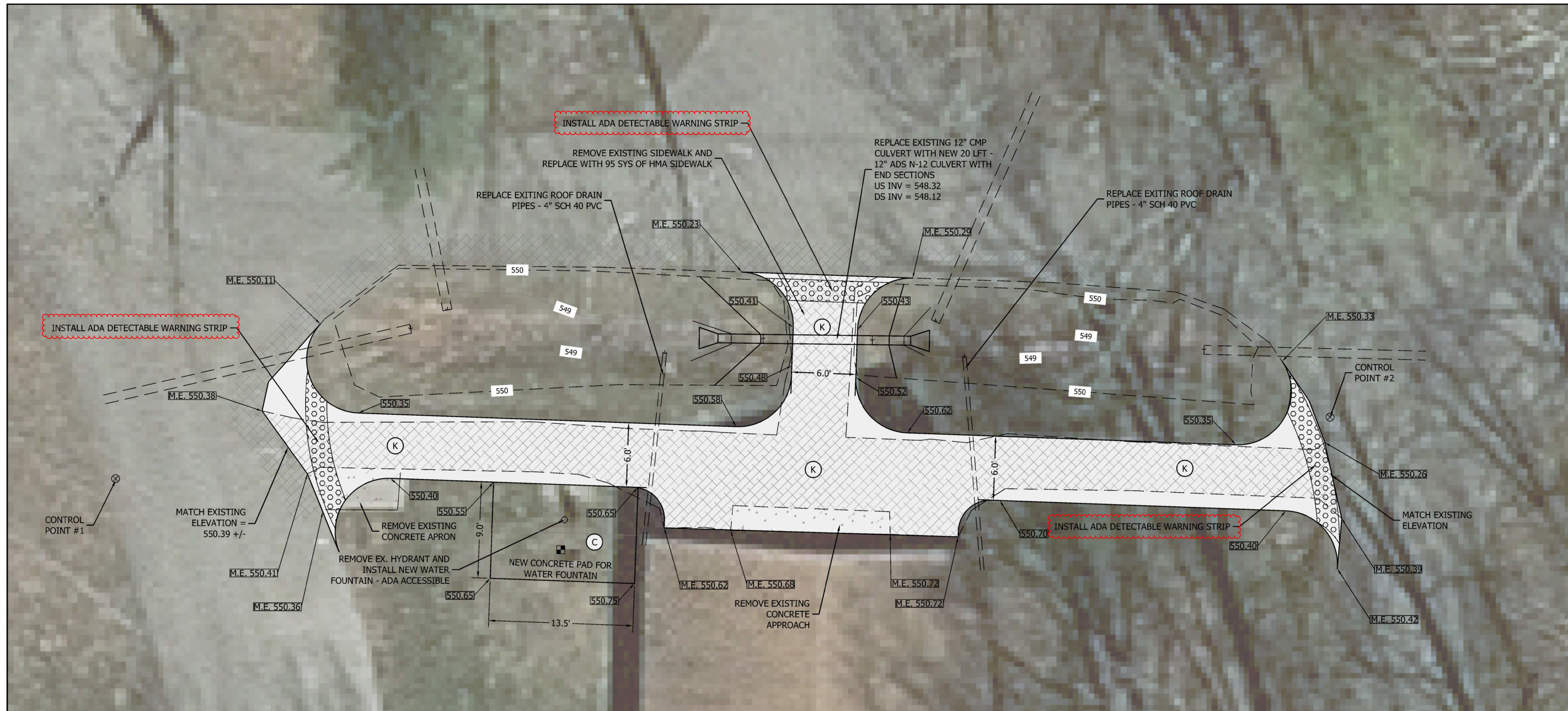
FILE NO: 23-12862
CLIENT NAME: INDIANA DEPARTMENT OF NATURAL RESOURCES

PROJECT DESCRIPTION: DNR STARVE HOLLOW ADA IMPROVEMENTS

SHEET TITLE: OVERALL PLAN

DESIGN PHASE: FINAL PLANS

SHEET NUMBER:
2



GENERAL NOTE:
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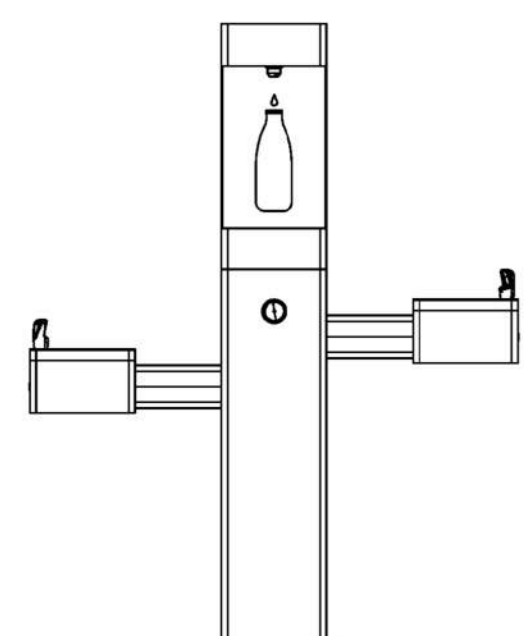
1-02-2024
 REGISTERED PROFESSIONAL ENGINEER
 No. 60900038
 STATE OF INDIANA
Reverend C. Heung

CONTROL POINT & BENCHMARK SUMMARY				
PT. #	Description	Northing	Easting	Elevation
C.P. #1	Mag Nail Flush With Road	1299696.06	211170.31	550.31
C.P. #2	Mag Nail Flush With Road	1299701.81	211283.80	550.34

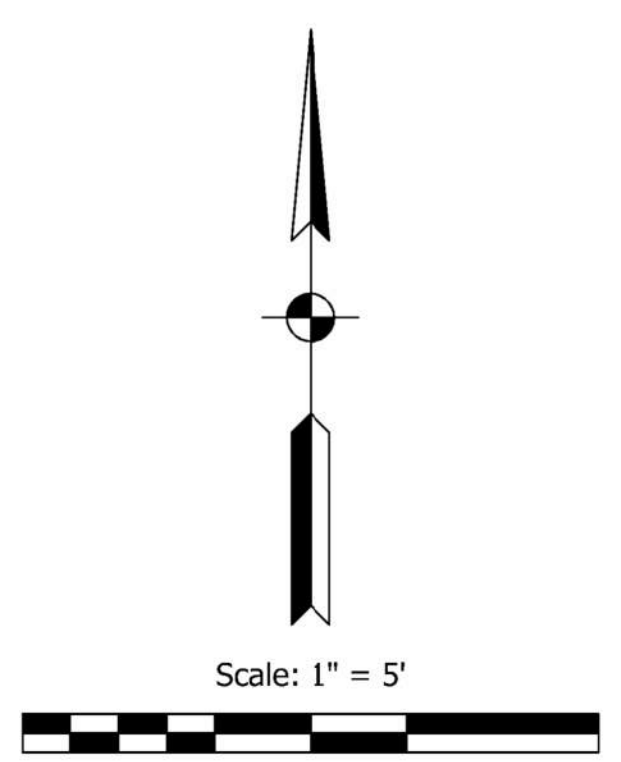
HORIZONTAL DATUM = NAD83 STATE PLANE COORDINATES (INDIANA EAST)
 VERTICAL DATUM = NAVD 88
 TOPOGRAPHIC SURVEY AS INDICATED BY FIELD WORK COMPLETED ON MAY 26, 2022.

- GENERAL NOTES:**
- PROPOSED WATER FOUNTAIN SHALL BE ADA COMPLIANT, GREEN, W/ (3) STATIONS (ONE OF WHICH SHALL BE A WATER BOTTLE FILL STATION). CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE INSTALLATION
 - SEE DETAIL SHEET 9 FOR EROSION CONTROL BLANKET, INLET PROTECTION, AND SEEDING REQUIREMENTS.
 - SEE DETAIL SHEET 9 FOR TYPICAL SECTIONS.
 - ROLL OFF DUMPSTER OR OTHER WATER-TIGHT 3CYD OR LARGER ENCLOSURE LINED WITH 10MIL PLASTIC TO BE USED AS CONCRETE WASHOUT. SIGNAGE REQUIRED FOR ALL WASHOUTS.
 - CONTRACTOR SHALL ENSURE ADA COMPLIANCE THROUGHOUT PROJECT LIMITS.
 - CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE THROUGHOUT PROJECT LIMITS AND ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS.

- (K) PROPOSED ASPHALT WALKWAY - ADA COMPLIANT (99 SYS)
- (C) PROPOSED CONCRETE HYDRANT PAD - ADA COMPLIANT (14 SYS)



ADA OUTDOOR FILLING STATION W/ BI LEVEL FOUNTAIN
 NOT TO SCALE
 Global Industrial Outdoor Bottle Filling Station w/ Bi-Level drinking fountain Model # WB761220GN in color (Green) or equal



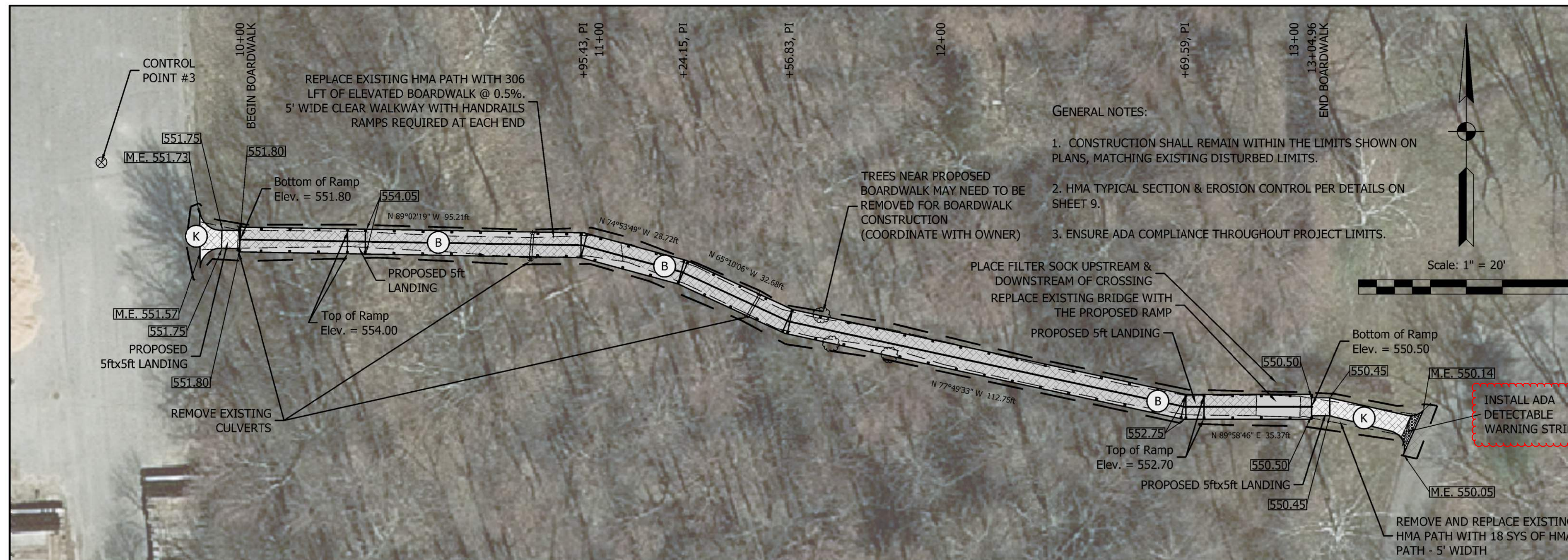
EX. FEATURES LEGEND

EX. ASPHALT		SANITARY MH	
UNDERGRND. TELE.		BENCHMARK	
SANITARY SEWER		TRAVERSE	
FLOWLINE		MAG NAIL SET	
STORM PIPE		FIRE HYDRANT	
GUARDRAIL		WATER METER	

SCALE: AS SHOWN
 DRAWN BY: AMB/ARC
 CHECKED BY: BAH
 DATE: JANUARY 2, 2024

Revision	Drawn By	Date
1	ARC	2/12/2024

FILE NO: 23-12862
 CLIENT NAME: INDIANA DEPARTMENT OF NATURAL RESOURCES
 PROJECT DESCRIPTION: DNR STARVE HOLLOW ADA IMPROVEMENTS
 SHEET TITLE: SITE 1
 DESIGN PHASE: FINAL PLANS
 SHEET NUMBER: 3



CONTROL POINT & BENCHMARK SUMMARY

PT. #	Description	Northing	Easting	Elevation
C.P. #1	Mag Nail Flush With Road	1299696.06	211170.31	550.31
C.P. #3	Mag Nail Flush With Road	1299701.81	211283.80	550.34

HORIZONTAL DATUM = NAD83 STATE PLANE COORDINATES (INDIANA EAST)
 VERTICAL DATUM = NAVD 88
 TOPOGRAPHIC SURVEY AS INDICATED BY FIELD WORK COMPLETED ON MAY 26, 2022.

CENTERLINE POINT SUMMARY - LINE 'A'

ID	Station	Northing	Easting
	10+00.000	1299770.610	210773.526
PI	10+95.432	1299769.008	210868.944
PI	11+24.155	1299761.524	210896.675
PI	11+56.833	1299747.801	210926.332
PI	12+69.586	1299724.024	211036.549
	13+04.955	1299724.036	211071.918

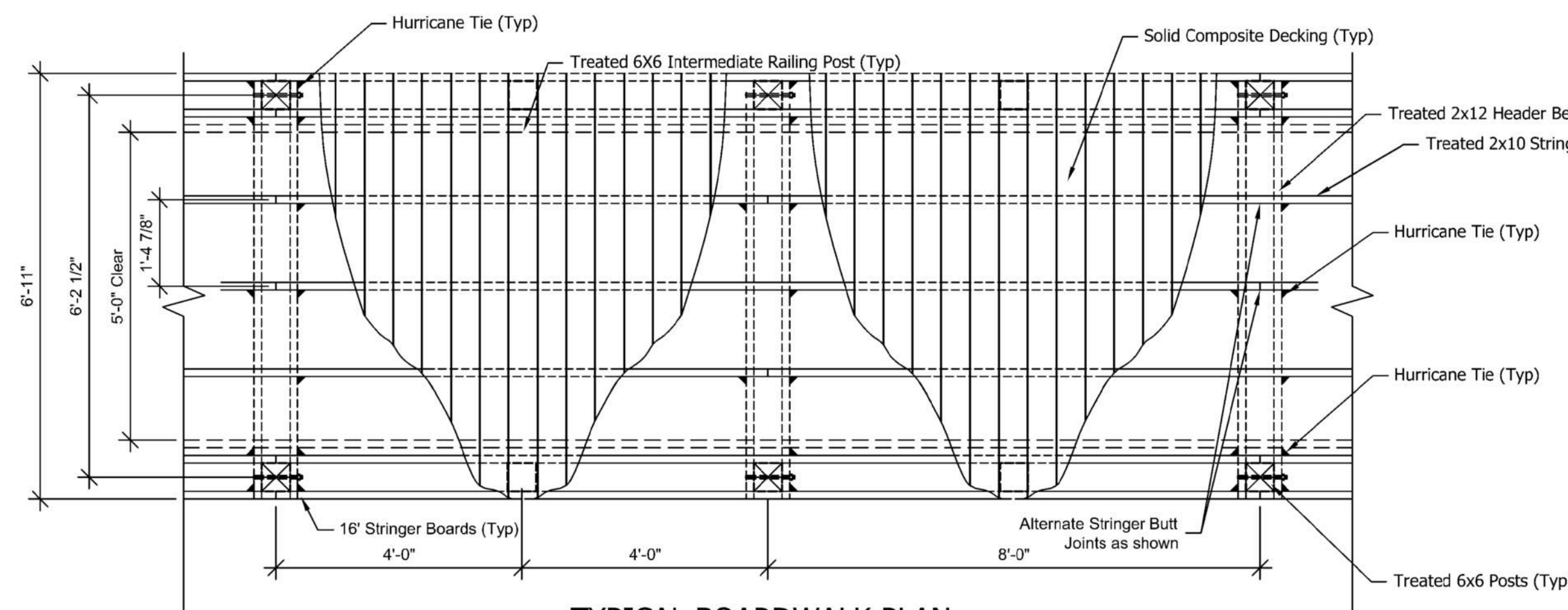
EX. FEATURES LEGEND

- EX. ASPHALT
- UNDERGRND. TELE.
- SANITARY SEWER
- FLOWLINE
- STORM PIPE
- GUARDRAIL
- SANITARY MH
- UT
- SAN
- >
-
- BENCHMARK
- TRAVERSE
- MAG NAIL SET

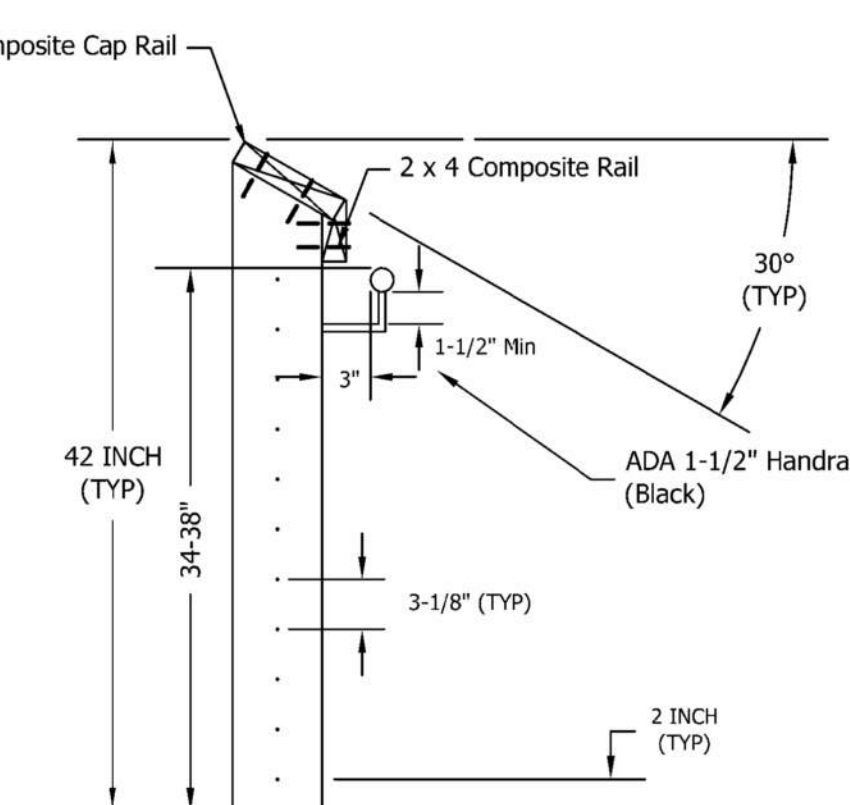
- (K) PROPOSED ASPHALT WALKWAY - ADA COMPLIANT (27 SYS)
- (B) PROPOSED BOARDWALK - ADA COMPLIANT

BOARDWALK SITE PLAN LINE 'A'

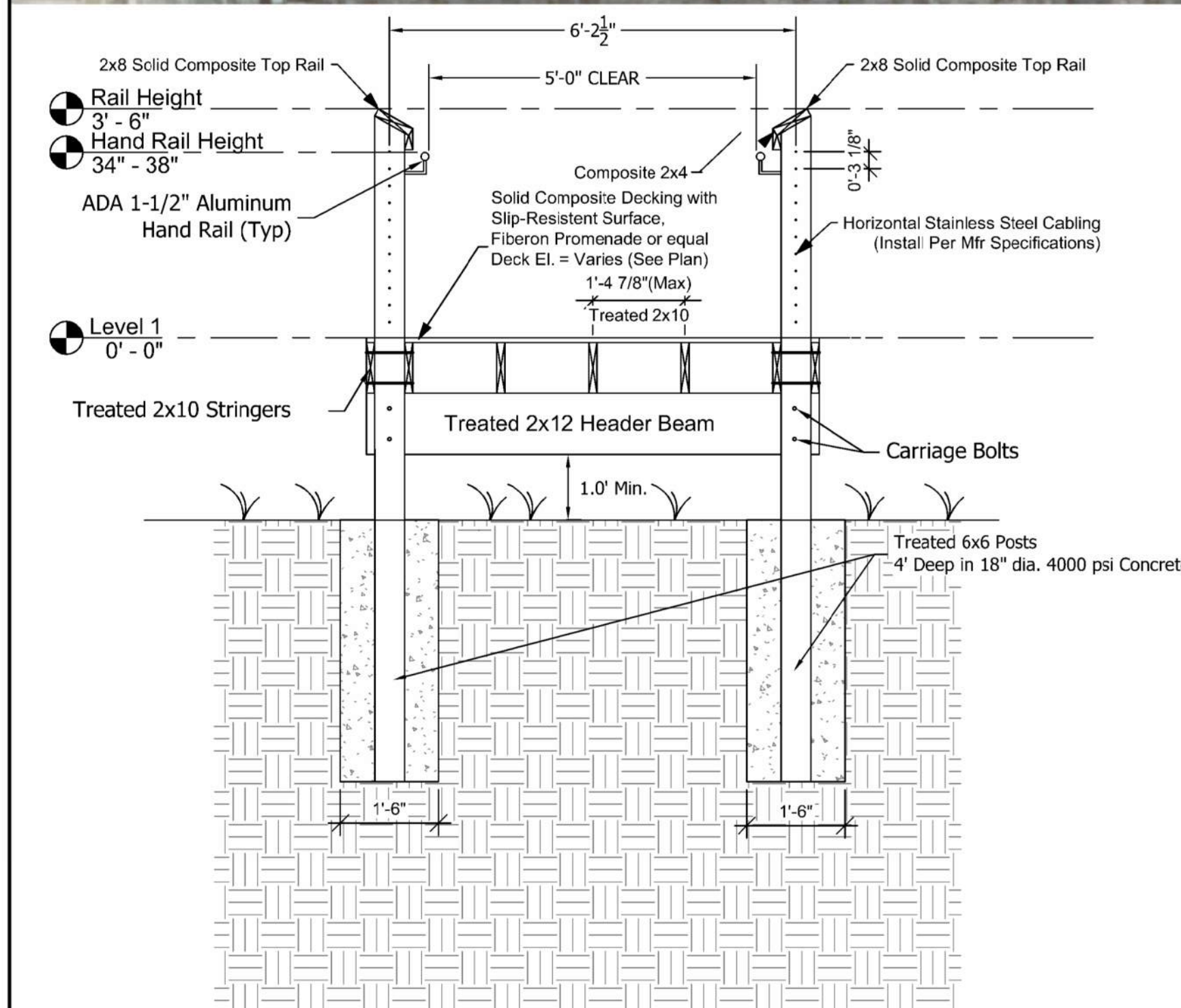
Scale: 1" = 20'



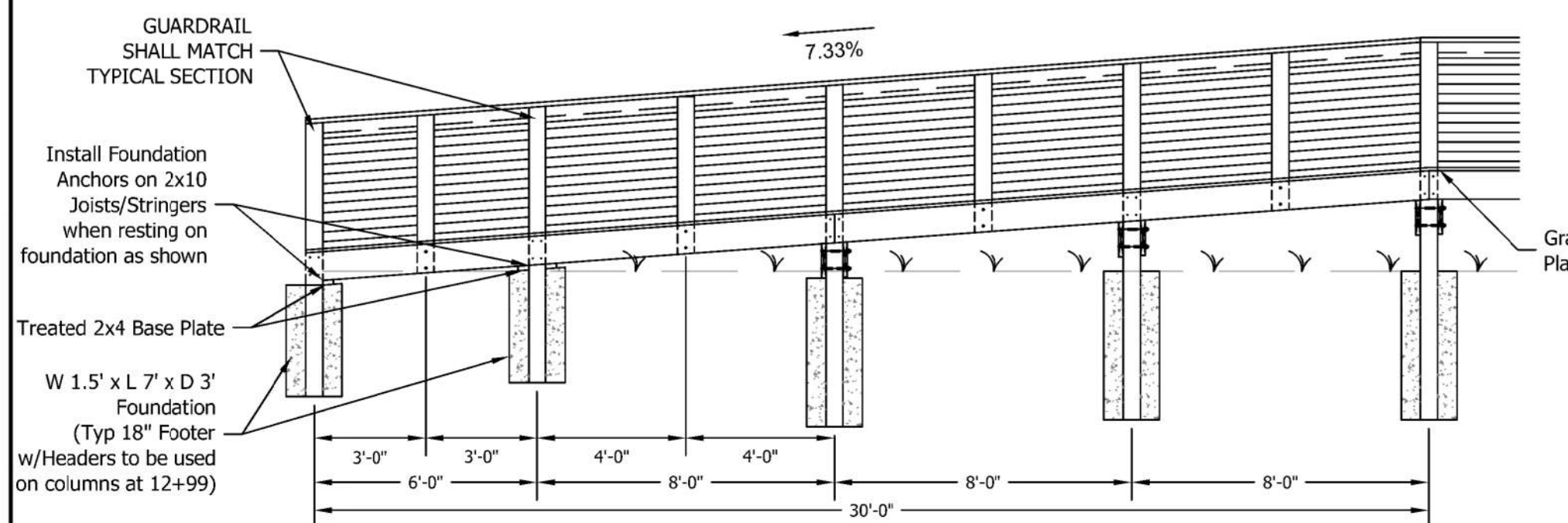
TYPICAL BOARDWALK PLAN
Scale: 1/2" = 1'



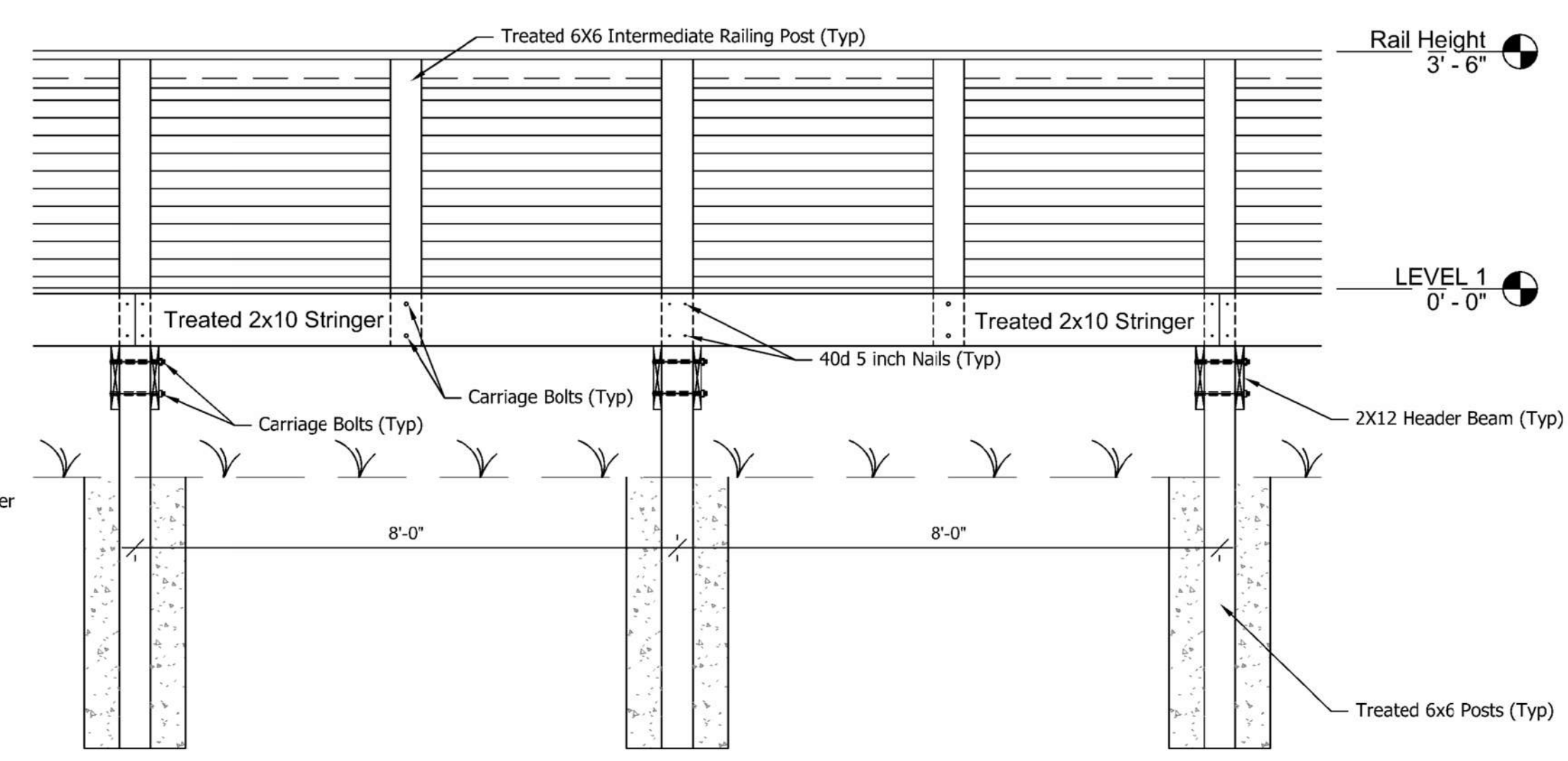
TYPICAL ADA GUARDRAIL DETAIL
Scale: 1" = 1'



TYPICAL BOARDWALK SECTION
Scale: 1/2" = 1'



TYPICAL BOARDWALK RAMP PROFILE
Scale: 1/4" = 1'



TYPICAL BOARDWALK PROFILE
Scale: 1/2" = 1'

GENERAL NOTES:

- ALL TREATED MATERIAL TYPE SHALL BE DOUGLAS FIR OR SOUTHERN PINE NO. 2 OR BETTER AS SPECIFIED IN THE ABOVE TABLE.
- ALL FASTENERS SHALL BE GALVANIZED, UNLESS SPECIFIED BY MANUFACTURER BELOW.
- FASTENERS:
 - DECKING: DECK SCREWS AS SPECIFIED BY THE MANUFACTURER
 - RAILING:
 - SCREWS AS SPECIFIED BY THE MANUFACTURER FOR COMPOSITE MATERIAL.
 - 6x6 INTERMEDIATE POSTS SHALL HAVE 1/2" GALVANIZED CARRIAGE BOLTS W/ WASHER AND NUT
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR HORIZONTAL STEEL CABLING, INSTALL PER MANUFACTURER'S INSTRUCTIONS
 - STRINGERS/JOISTS & HEADER BEAMS:
 - 40d 5 INCH LONG RING SHANK
 - GALVANIZED HURRICANE TIES W/ 10d 1 1/2" GALVANIZED NAILS
 - GALVANIZED TIE PLATE AT BUTT JOINTS W/ 10d 1-1/2" GALVANIZED NAILS
 - 1/2" GALVANIZED CARRIAGE BOLTS W/ WASHER AND NUT
- WHERE BOARDWALK DEFLECTIONS OCCUR, INSIDE AND OUTSIDE DIMENSIONS SHALL VARY. CONTRACTOR SHALL ADJUST AS NEEDED TO CORRECT FOR DEFLECTIONS. MAX SPAN SHALL BE 8FT.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR FOUNDATIONS, ADA HAND RAIL, AND WHERE NOTED.

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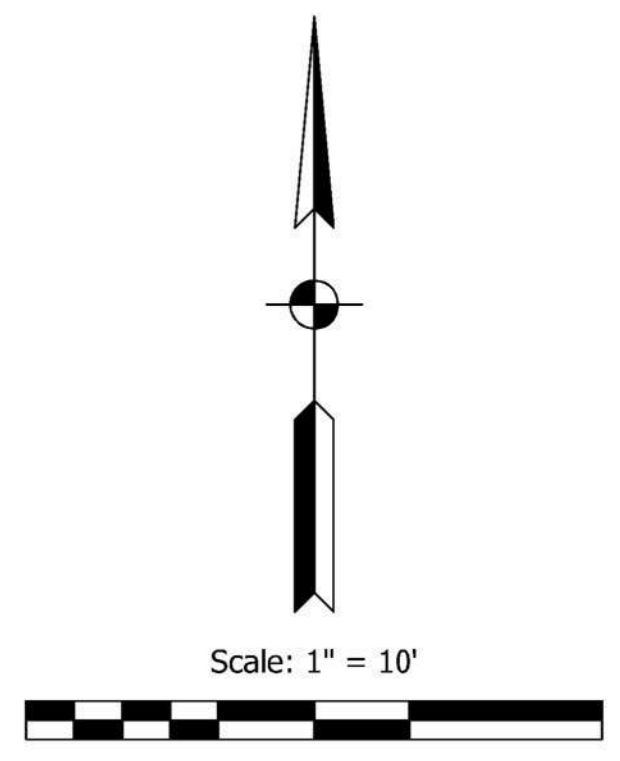
FILE NO: 23-12862
 CLIENT NAME:
 INDIANA DEPARTMENT OF NATURAL RESOURCES

PROJECT DESCRIPTION:
 DNR STARVE HOLLOW ADA IMPROVEMENTS

SHEET TITLE:
 SITE 2

DESIGN PHASE:
 FINAL PLANS

SHEET NUMBER:
4



EX. FEATURES LEGEND

- EX. ASPHALT
- EX. GRAVEL
- UNDERGRND. TELE.
- SANITARY SEWER
- FLOWLINE
- STORM PIPE
- GUARDRAIL
- SANITARY MH
- BENCHMARK
- TRAVERSE
- MAG NAIL SET
- PROPOSED ASPHALT PARKING AREA (516 SYS)
- ADA PARKING SIGN

CONTROL POINT & BENCHMARK SUMMARY				
PT. #	Description	Northing	Easting	Elevation
C.P. #6	Mag Nail Flush With Road	1300951.93	211778.88	553.49
C.P. #7	Mag Nail Flush With Road	1300836.19	211712.58	553.24

HORIZONTAL DATUM = NAD83 STATE PLANE COORDINATES (INDIANA EAST)
 VERTICAL DATUM = NAVD 88
 TOPOGRAPHIC SURVEY AS INDICATED BY FIELD WORK COMPLETED ON MAY 26, 2022.

GENERAL NOTES:

- ALL SPACES TO RECEIVE CONCRETE WHEEL STOPS IN ACCORDANCE WITH DETAIL ON SHEET 9.
- PROVIDE INLET PROTECTION PER DETAIL ON SHEET 9 AND SEEDING REQUIREMENTS FOR DISTURBED AREAS.
- TYPICAL SECTION PER DETAIL ON SHEET 9.
- ADA STRIPING SHALL BE 4" BLUE THERMOPLASTIC, REMAINING STRIPING SHALL BE 4" WHITE THERMOPLASTIC.
- CONTRACTOR SHALL ENSURE ADA COMPLIANCE THROUGHOUT PROJECT LIMITS.
- CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE THROUGHOUT PROJECT LIMITS AND ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS.

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Revision	Drawn By	Date
1	ARC	2/12/2024

FILE NO: 23-12862
 CLIENT NAME:
 INDIANA DEPARTMENT OF
 NATURAL RESOURCES

PROJECT DESCRIPTION:
 DNR STARVE HOLLOW ADA
 IMPROVEMENTS

SHEET TITLE:
 SITE 5

DESIGN PHASE:
 FINAL PLANS

SHEET NUMBER:
7