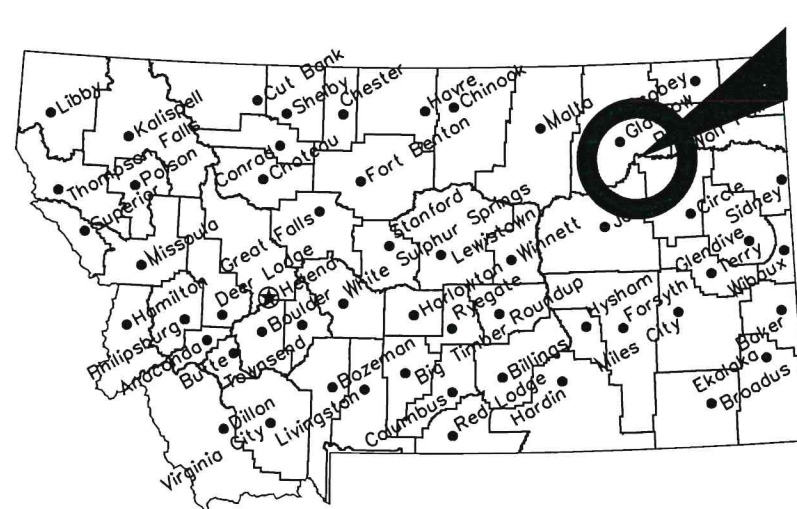


MONTANA FISH, WILDLIFE & PARKS

Fort Peck Dredge Cut Trout Ponds Fishing Piers

Near Fort Peck, MT

FWP #7193718



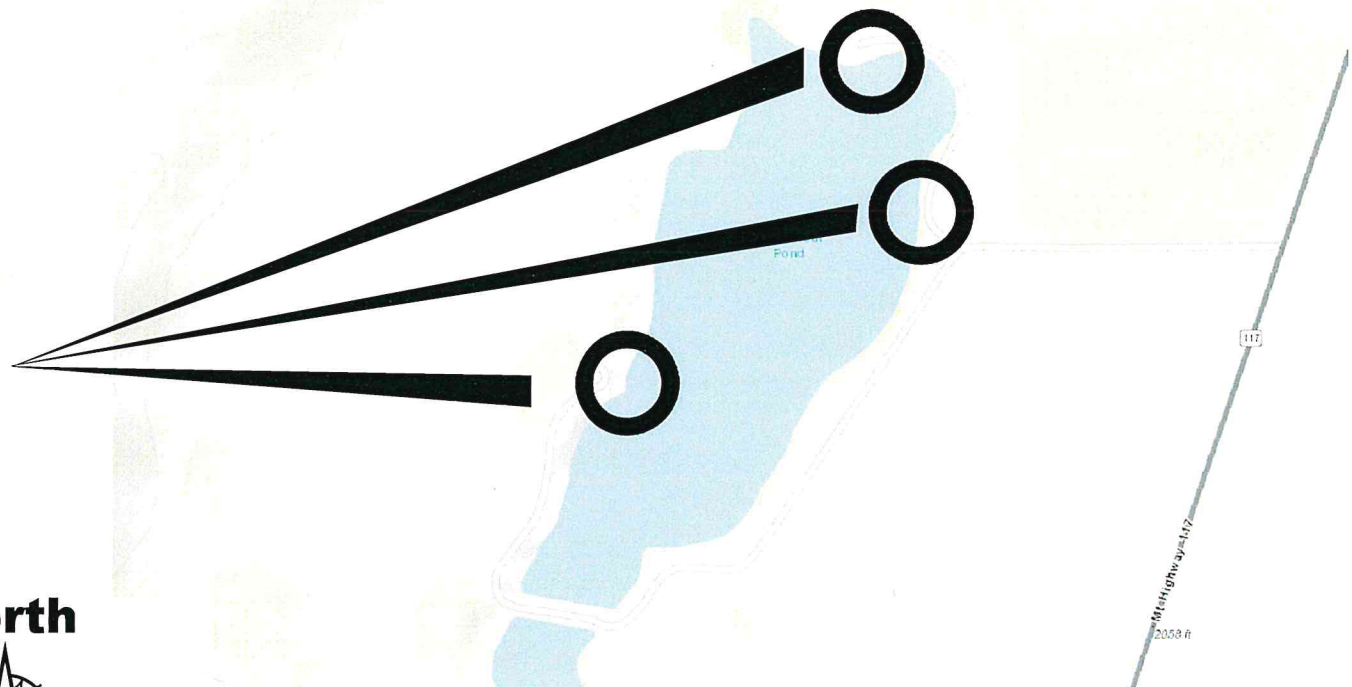
Location Map

No Scale

Project Location

Project Location

North



Vicinity Map

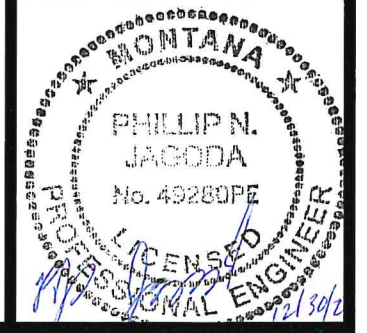
No Scale

MONTANA FISH, WILDLIFE AND PARKS
DESIGN AND CONSTRUCTION

MAILING ADDRESS: PO BOX 200701
PHYSICAL ADDRESS: 1522 9th AVENUE
HELENA, MT 59620-0701 HELENA, MT 59601
TEL 406.841.4000
FAX 406.841.4004
fwp.mt.gov/Doing Business/Design&Construction

DRAWING INDEX

- 1 COVER
- 2 SUMMARY
- 3 NORTH ACCESS SITE PLAN
- 4 WEST ACCESS SITE PLAN
- 5 EAST ACCESS SITE PLAN
- 6 EAST ACCESS ACCESSIBILITY PLAN
- 7 FISHING PIER
- 8 RIP RAP APRON



J. Renenger 05/13/2020
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P. Jagoda 12/28/2020
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**Montana Fish,
Wildlife & Parks**

Cover
Fort Peck Dredge Cut Trout Ponds Fishing Pier

SHEET: 1 of 8

Estimated Quantities										
Location	LS	Each		SF	SY			CY		
	Remove Existing Cribbing*	Install FWP Supplied Bridge Timbers	Helical Piers	2" x 6" Composite Decking	Crushed Stone	Crushed Base Course	Non- Woven Geotextile*	Unclassified Excavation	Embankment	Class II Rip Rap
North Access Fishing Pier	1	2	4	156			21			5.5
West Access Fishing Pier	1	2	4	156			21			5.5
East Access Fishing Pier		2	4	156			21			5.5
East Access Pathway					190	190		85	115	
East Access Parking Area					45	110				
Total:	2	6	12	468	235	300	63	85	115	17

* FOR INFORMATIONAL PURPOSES ONLY

NOTES:

- 1) Equipment used in or near waters shall not leak fluids. It shall be power washed before use on the site and examined by the Engineer.
- 2) Provide methods, means and facilities to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances, and pollutants produced by construction.
- 3) The contractor is responsible for locating and protecting utilities within the construction area.
- 4) The contractor is required to notify and coordinate all work activities with the FWP Project Engineer.
- 5) Submittals are required on all products used in the project, refer to specifications for submittal requirements.
- 6) Provide all temporary signing, personnel, and traffic control devices as required by federal, state, and local regulations.
- 7) Material generated from the stripping of topsoil shall be used to revegetate areas designated within the project as directed by the project engineer. All areas disturbed during construction shall be seeded. Refer to section 02936.
- 8) Clear, grub, and remove brush within the construction limits. Include the cost of clearing, grubbing, and removal of brush in the cost of UNCLASSIFIED EXCAVATION.
- 10) Ensure all pathways, parking areas, and platforms meet all ADA/ABA standards as shown.

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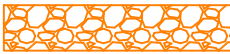



**Montana Fish,
 Wildlife & Parks**

Summary
 Fort Peck Dredge Cut Trout Ponds Fishing Piers

SHEET: 2
 of 8



-  26' Bridge Timbers
-  Helical Piers
-  Fishing Platform
-  Rip Rap Apron
-  New Natural Surface Path
-To Be Constructed by
FWP Personnel

NOTE: REMOVE AND DISPOSE OF ALL EXISTING CRIBBING TO ACCOMMODATE TREATED TIMBER ABUTMENT AND RIP RAP INSTALLATION. INCLUDE ALL COSTS ASSOCIATED WITH REMOVAL UNDER "UNCLASSIFIED EXCAVATION".



J. Renenger	01/9/2020
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P. Jagoda	12/28/2020
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APPROVED BY:	DATE:

APPROVED BY:	DATE:
APPROVED BY:	DATE:



**Montana Fish,
Wildlife & Parks**

North Access Concept Plan

Fort Peck Dredge Cut Trout Ponds Fishing Piers

SHEET: 3
of 8



-  26' Bridge Timbers
-  Helical Piers
-  Fishing Pier Decking
-  Rip Rap Apron
-  New Natural Surface Path
-To Be Constructed by
FWP Personnel

NOTE: REMOVE AND DISPOSE OF ALL EXISTING CRIBBING TO ACCOMMODATE TREATED TIMBER ABUTMENT AND RIP RAP INSTALLATION. INCLUDE ALL COSTS ASSOCIATED WITH REMOVAL UNDER "UNCLASSIFIED EXCAVATION".



J. Renenger 01/9/2020
 DRAWN BY: DATE:
 P. Jagoda 12/28/2020
 CHECKED BY: DATE:

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 APPROVED BY: DATE:



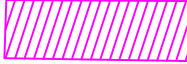
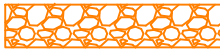



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West Access Concept Plan
 Fort Peck Dredge Cut Trout Ponds Fishing Piers

SHEET: 4
 of 8



-  26' Bridge Timbers
-  Helical Piers
-  Fishing Pier Decking
-  Rip Rap Apron
-  New Path and Parking Area
-  Drainage Swale
-  Existing Embankment Stockpiles



J. Reneger 05/13/2020
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 P. Jagoda 12/28/2020
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 APPROVED BY: DATE:

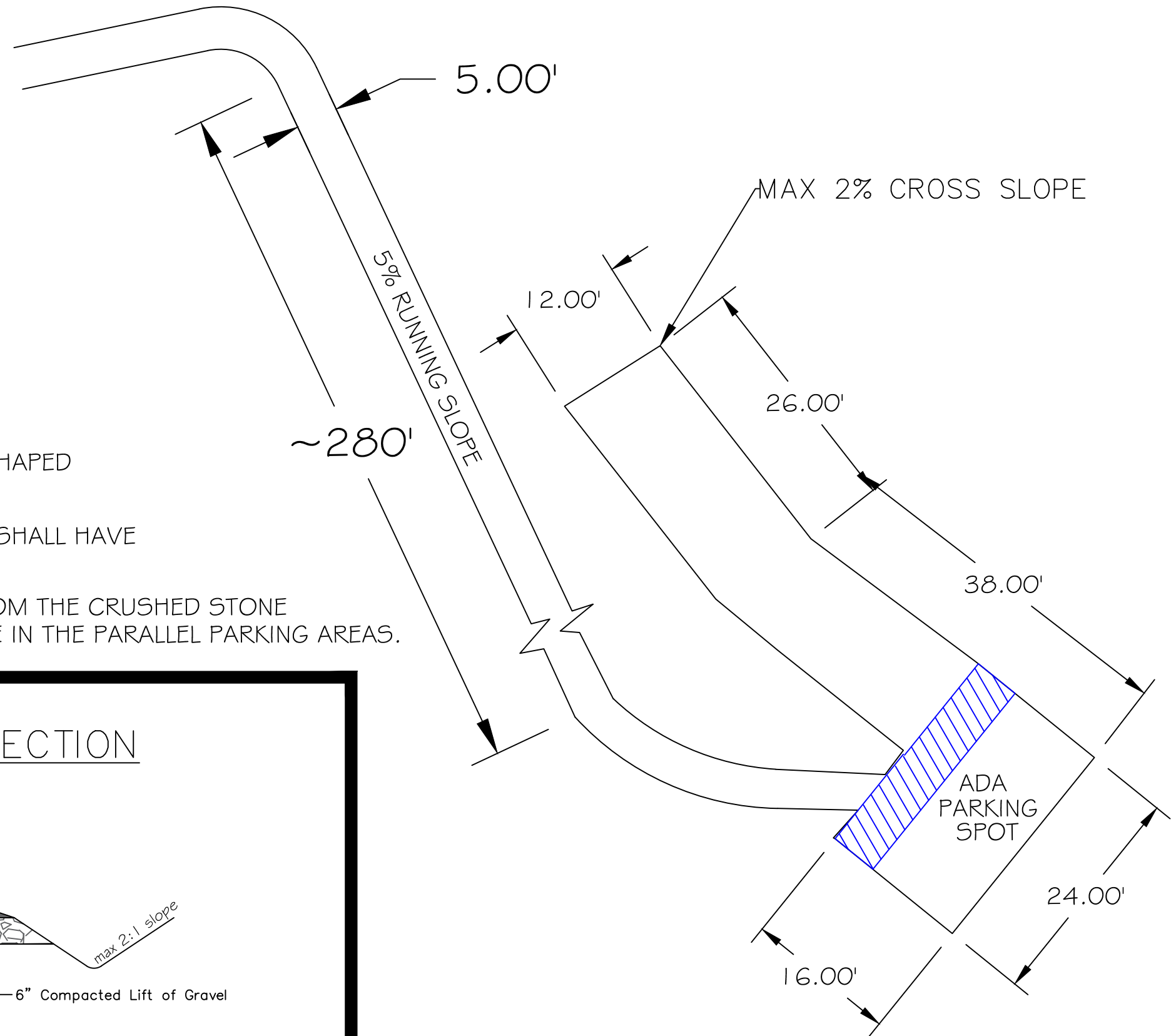


East Access Concept Plan
 Fort Peck Dredge Cut Trout Ponds Fishing Piers

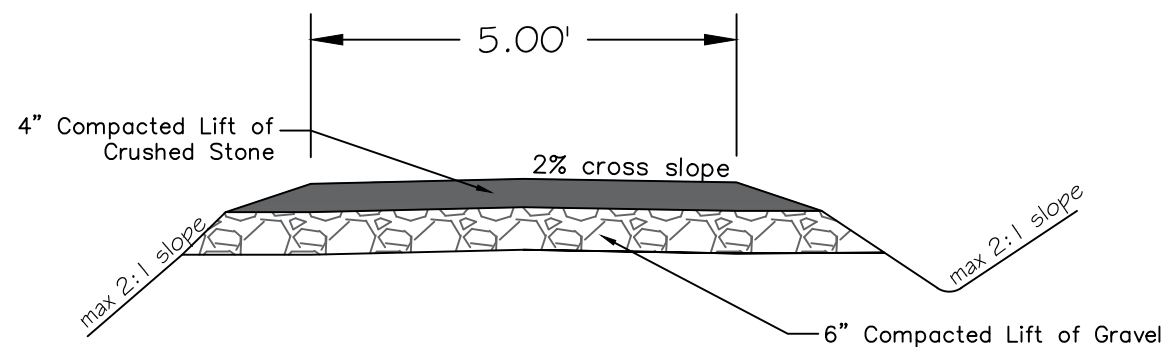
SHEET: 5 of 8

NOTES:

- 1) SURFACE SHALL BE COMPOSED OF CRUSHED STONE.
- 2) SURFACE SHALL NOT BE PERMANENTLY AFFECTED BY NORMAL WEATHER CONDITIONS.
- 3) SURFACE SHALL NOT BE NOTICEABLY DISTORTED OR COMPRESSED BY A WHEELCHAIR OR SIMILAR DEVICE.
- 4) PATHWAY SHALL BE INSTALLED TO MEET OR EXCEED ADA/ABA REQUIREMENTS
- 5) MAXIMUM OF 2:1 SIDE SLOPES SHALL BE SHAPED TO MEET EXISTING TOPOGRAPHY
- 6) ALL DISTURBED SLOPES GREATER THAN 3:1 SHALL HAVE EROSION CONTROL BLANKET.
- 7) THERE SHALL BE A SMOOTH TRANSITION FROM THE CRUSHED STONE SURFACING TO THE CRUSHED BASE COURSE IN THE PARALLEL PARKING AREAS.



TYPICAL PATHWAY SECTION



NOTE: CRUSHED STONE SURFACING SHALL ONLY BE USED ON PATHWAY AND ADA PARKING SPOT. ADDITIONAL PARKING SPOTS SHALL BE SURFACED WITH CRUSHED BASE COURSE.



J. Renenger 01/9/2020
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APPROVED BY: DATE:
 APPROVED BY: DATE:

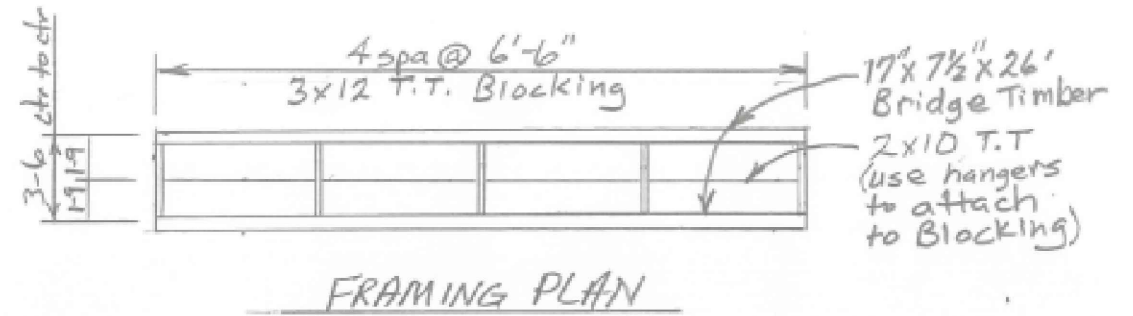
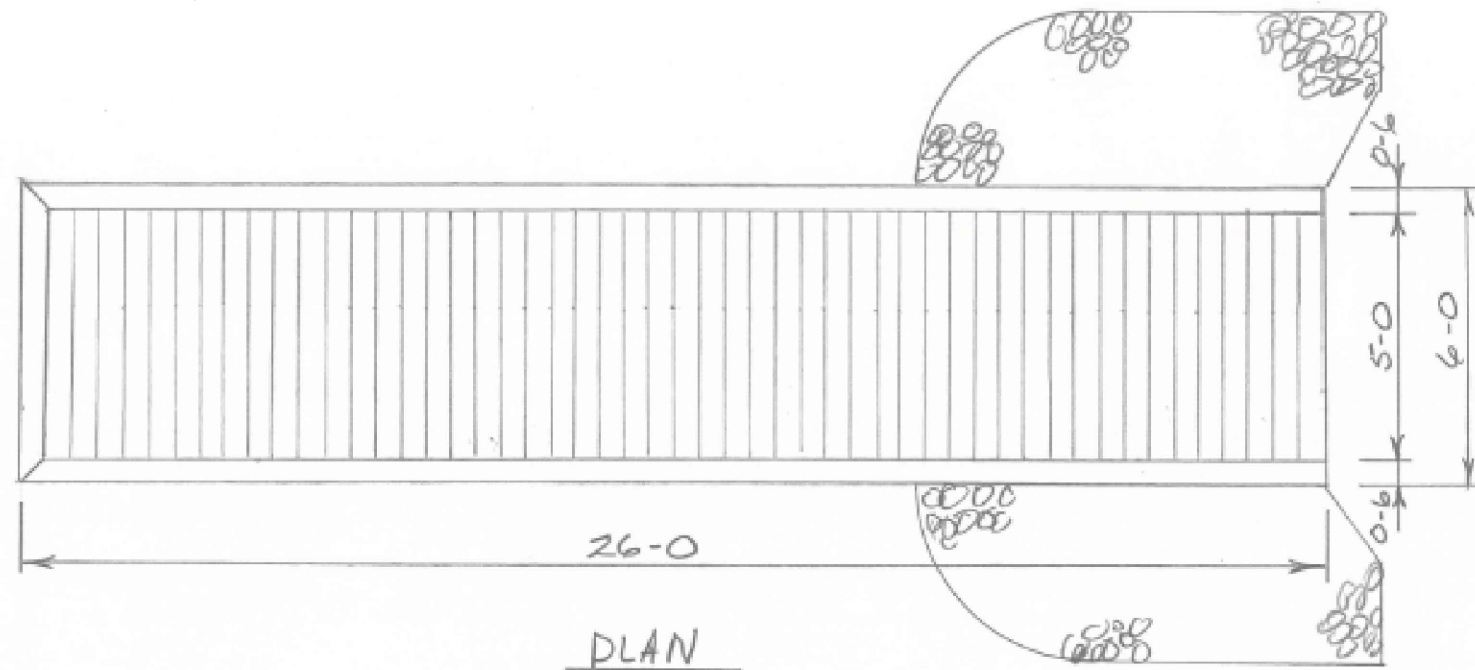


**Montana Fish
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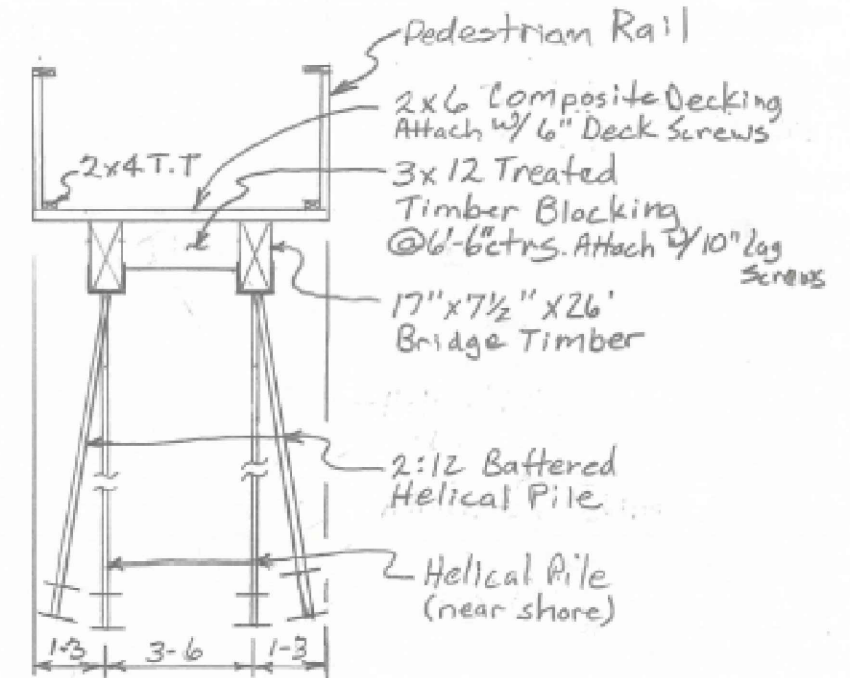
East Access Accessibility Plan
 Fort Peck Dredge Cut Trout Ponds Fishing Piers

SHEET: 6
 of 8

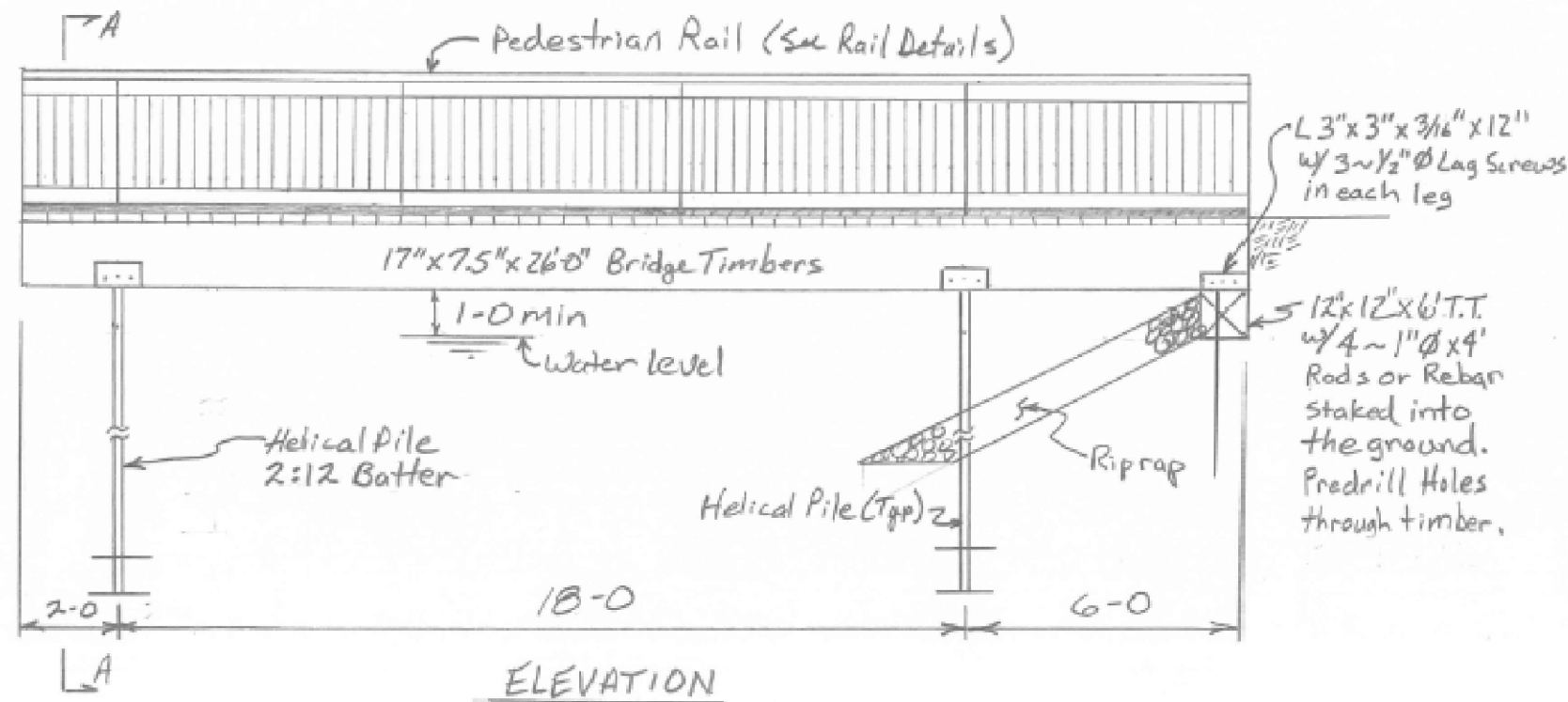
NOTE: PEDESTRIAN RAIL TO BE INSTALLED BY FWP PERSONNEL AT A LATER DATE.



FRAMING PLAN



SECTION A-A

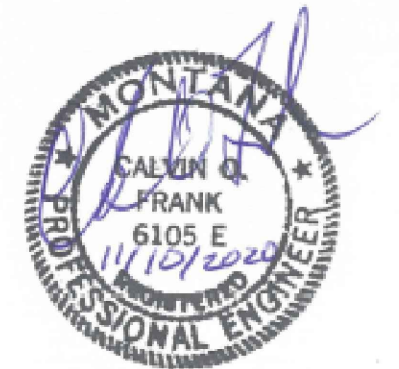


ELEVATION

NOTES:

- Helical Piles - lengths + size to be determined by installer. Pile Bearing Capacity ≥ 4000 lbs. Saddles + sleeves to be supplied by pile installer.
- Decking shall be spaced maximum 1/2" apart and perpendicular to travel.
- Riprap to be installed after pile and 12x12 installation and prior to setting 17'x7 1/2' Bridge Timbers.

Scales 1/4" = 1'-0"



Calvin Frank 11/10/2020
 DRAWN BY: DATE:
 J. Renenger 11/12/2020
 CHECKED BY: DATE:

REVISOR: DATE:
 P. Jagoda 12/28/2020
 APPROVED BY: DATE:

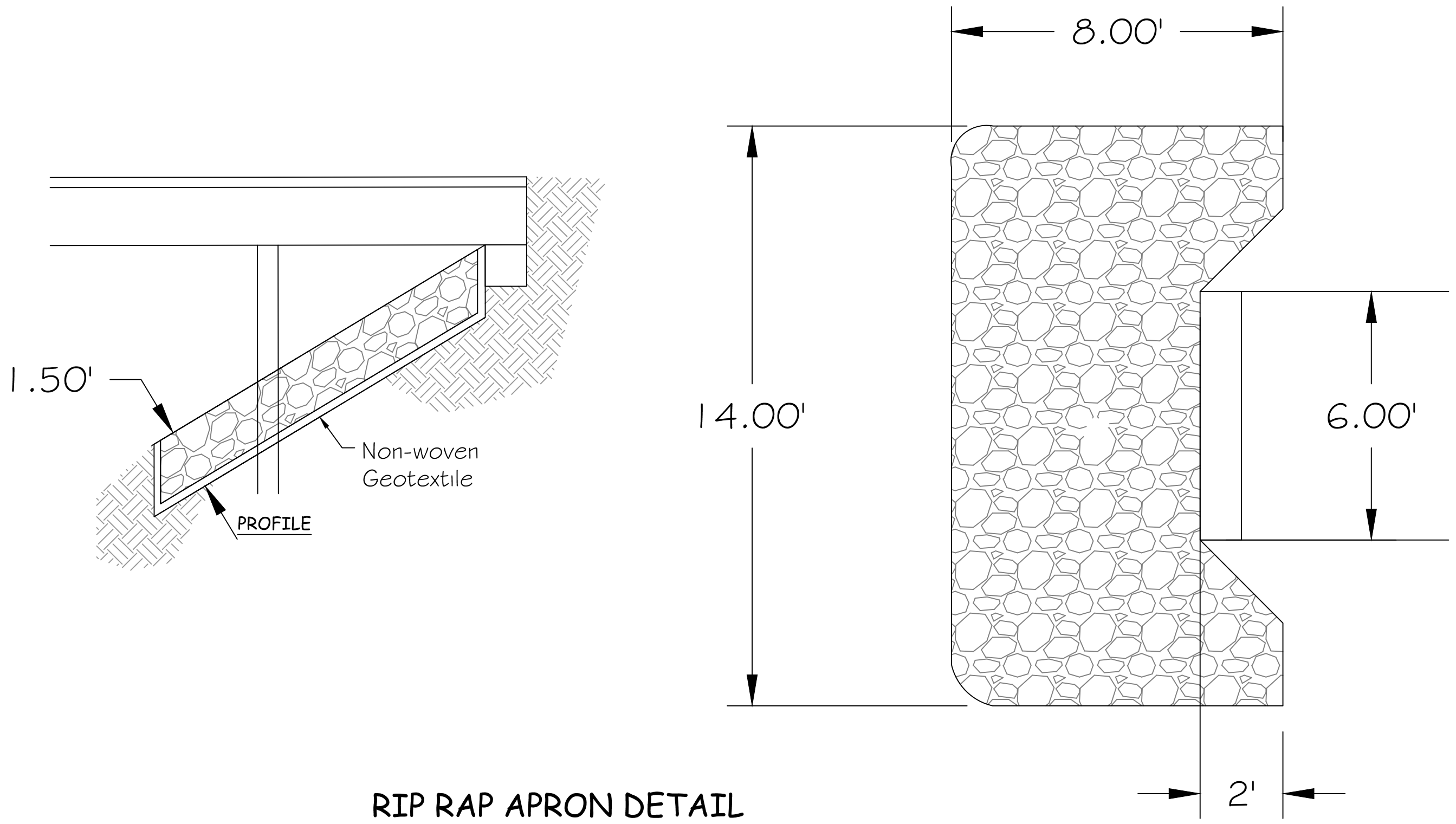
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Montana Fish
 Wildlife & Parks

Fishing Pier
 Fort Peck Dredge Cut Trout Ponds Fishing Piers

SHEET: 7 of 8



RIP RAP APRON DETAIL

J. Renenger	11/12/2020
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P. Jagoda	12/28/2020
CHECKED BY:	DATE:

REVISED BY:	DATE:
APPROVED BY:	DATE:

APPROVED BY:	DATE:
APPROVED BY:	DATE:



**Montana Fish,
Wildlife & Parks**

Rip Rap Apron Detail
Fort Peck Dredge Cut Trout Ponds Fishing Piers

SHEET: 8
of 8