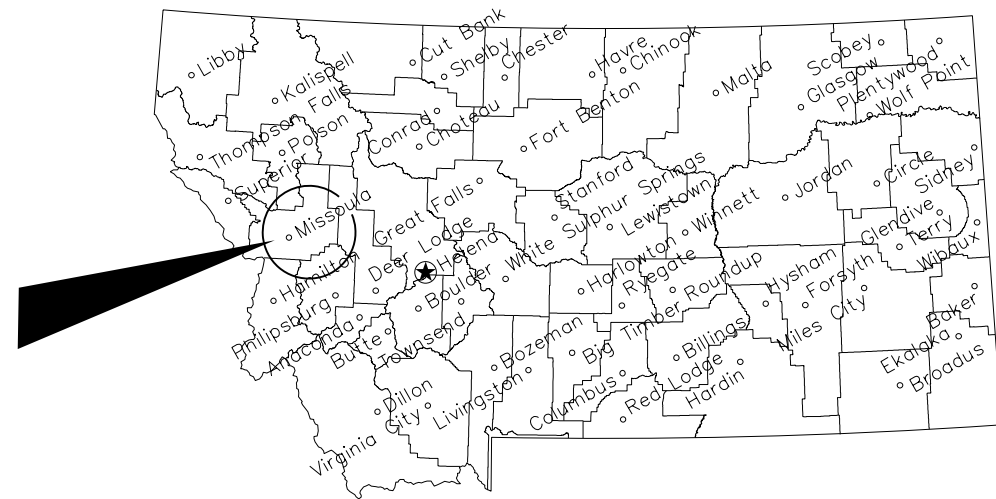


PROPOSED ACCESS IMPROVEMENTS AT THE MILLTOWN STATE PARK

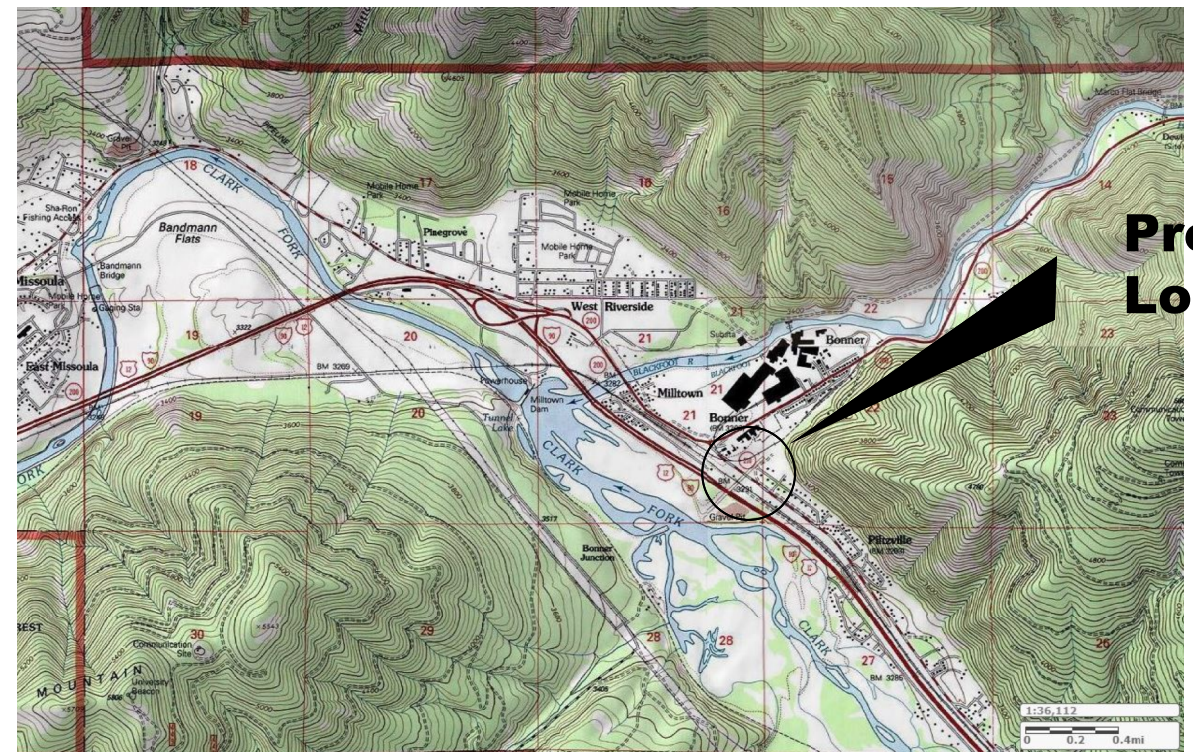
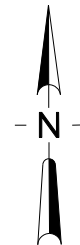
NEAR BONNER, MONTANA

**Project
Location**



Location Map

No Scale



**Project
Location**

Vicinity Map

No Scale

PARKING LOT ENTERANCE
LATITUDE: 46°52'01.47" N
LONGITUDE: 113°52'23.61" W

MONTANA FISH, WILDLIFE AND PARKS
DESIGN AND CONSTRUCTION

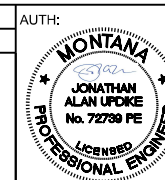
MAILING ADDRESS: PO BOX 200701
HELENA, MT 59620-0701
TEL 406.841.4000
FAX 406.841.4004
fw.p.mt.gov/Doing Business/Design&Construction

PHYSICAL ADDRESS:
1522 9th AVENUE
HELENA, MT 59601

DRAWING LIST	
1	COVER SHEET
2	GENERAL NOTES, ABBREVIATIONS, AND SUMMARY
3	GENERAL SITE PLAN
4	PARKING LOT SITE PLAN
5	MISCELLANEOUS DETAILS



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MILLTOWN STATE PARK
ACCESS IMPROVEMENTS
COVER SHEET

GENERAL NOTES

- THE EXISTENCE, LOCATION, AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION, AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT, OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.
- THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MAINTAINING, AND REMOVING ANY TEMPORARY FACILITIES NECESSARY TO ACCESS THE SITE, INCLUDING BUT NOT LIMITED TO, FENCES, GATES, CULVERTS, GRANULAR, SILT FENCES, AND TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ACCESS TO THE SITE.
- ALL ACCESS WAYS MUST BE MAINTAINED TO A LEVEL THAT WILL PERMIT PASSAGE BY MRL MAINTENANCE, ENGINEERING AND OPERATIONS VEHICLES AT ALL TIMES.
- THE CONTRACTOR MUST LIMIT MOVEMENT OF CONSTRUCTION TRAFFIC TO WITHIN THE CONSTRUCTION LIMITS. ANY AND ALL DAMAGE TO EXISTING UTILITIES AND PUBLIC APPROACHES (INCLUDING, BUT NOT LIMITED TO, FENCES, PAVEMENT, CULVERTS, ETC.) WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR MUST NOT ENTER ADJACENT PROPERTIES WITHOUT THE APPROVAL OF THE ENGINEER OR THE LANDOWNER.
- THE CONTRACTOR SHALL COORDINATE WITH REPRESENTATIVES OF THE CLARK FORK ARENA DURING CONSTRUCTION IN ORDER TO PROVIDE ON-GOING ACCESS TO THEIR FACILITIES ON THE SOUTH SIDE OF I-90 ADJACENT TO THE MILLTOWN STATE PARK. THE POINT OF CONTACT FOR THE CLARK FORK ARENA IS: DOUG KOPP - ACTING PRESIDENT, PHONE: (406)-241-4681, EMAIL: KOPPH@YAHOO.COM.
- SITE LAYOUT OF FENCING, GRADING, AND SURFACING WILL BE PERFORMED BY CONTRACTOR WITH APPROVAL OF THE ENGINEER.
- THE PROJECT IS LOCATED ON RAILROAD PROPERTY CONTROLLED BY MONTANA RAIL LINK (MRL). THE CONTRACTOR IS REQUIRED TO ABIDE BY THE TERMS OF THE CONSTRUCTION AND MAINTENANCE AGREEMENT EXECUTED ON SEPTEMBER 20, 2022 BETWEEN MRL AND FWP INCLUDED AS SECTION 25 IN THE PROJECT SPECIAL PROVISIONS. TO PERFORM WORK ON RAILROAD PROPERTY THE CONTRACTOR SHALL OBTAIN A TEMPORARY OCCUPANCY PERMIT FROM MRL AND COORDINATE WITH MRL AS REQUIRED TO COMPLETE THE WORK. REFER TO SECTION 25 OF SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION REGARDING THE TEMPORARY OCCUPANCY PERMIT.

PLAN ABBREVIATIONS

ABOUT AT EACH	ABT. @
BEARING	BRG.
CAST-IN-PLACE CLEAR CONCRETE CENTER-TO-CENTER	CIP CLR. CONC. C.T.C.
DIAMETER	DIA.
EACH EQUAL EXPANSION BEARING	EA EQ. E
FIXED BEARING	F
LINEAR FEET LONG LEG HORIZONTAL LONG LEG VERTICAL LUMP SUM	LF LLH LLV LS
NOT TO SCALE	NTS
OUT-TO-OUT	O.T.O.
RECYCLED ASPHALT PAVEMENT	RAP
SQUARE YARD STANDARD	SY STD.
TOP OF RAIL TOP OF TIE TOP OF CONCRETE THROUGH TYPICAL	T/RAIL T/TIE T/CONCRETE THRU TYP.
UNLESS NOTED OTHERWISE	UNO.

UTILITY LINE SYMBOLOGY

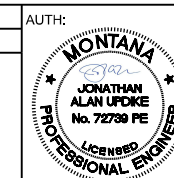
—— BF ——	BURIED FIBER OPTIC
—— OH ——	OVERHEAD POWERLINE

ESTIMATED QUANTITIES

ITEM	UNIT	QUANTITY
SITE PREPARATION	SY	2,195
EXCAVATION & BORROW	CY	56
RECYCLED ASPHALT PAVEMENT SURFACING	TON	429
EMULSIFIED ASPHALT TACK COAT	GAL	387
8' CONCRETE WHEEL STOP	EA	19
SIGNAGE	LS	1
6' CHAIN LINK FENCE - GROUND MOUNT	LF	654
6' CHAIN LINK GATE - 4'	EA	1
6' CHAIN LINK FENCE - WINGWALL MOUNT	LF	120
BMP SILT FENCE AND POST	LF	80



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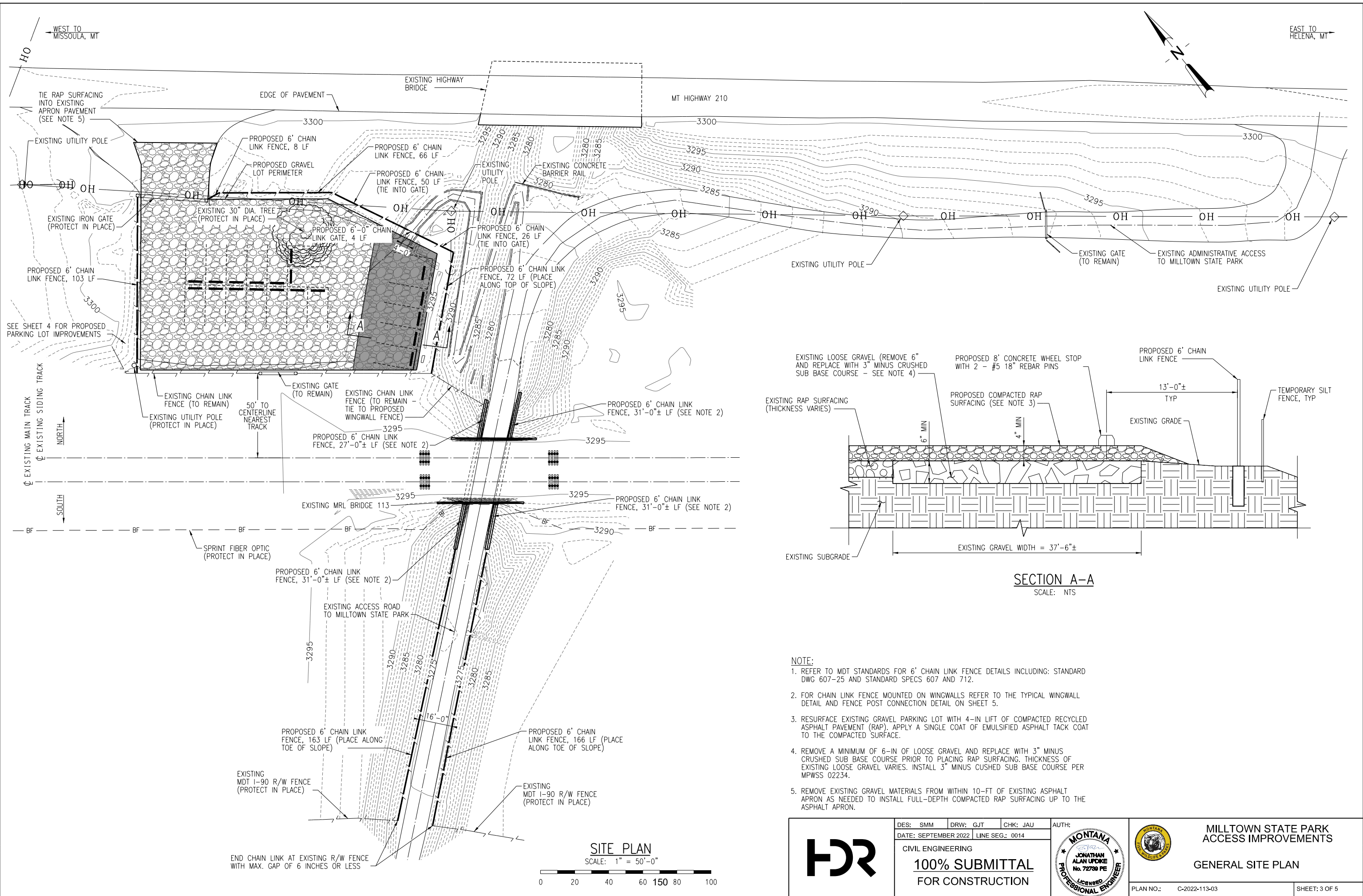


MILLTOWN STATE PARK
ACCESS IMPROVEMENTS

GENERAL NOTES AND
ABBREVIATIONS AND SUMMARY

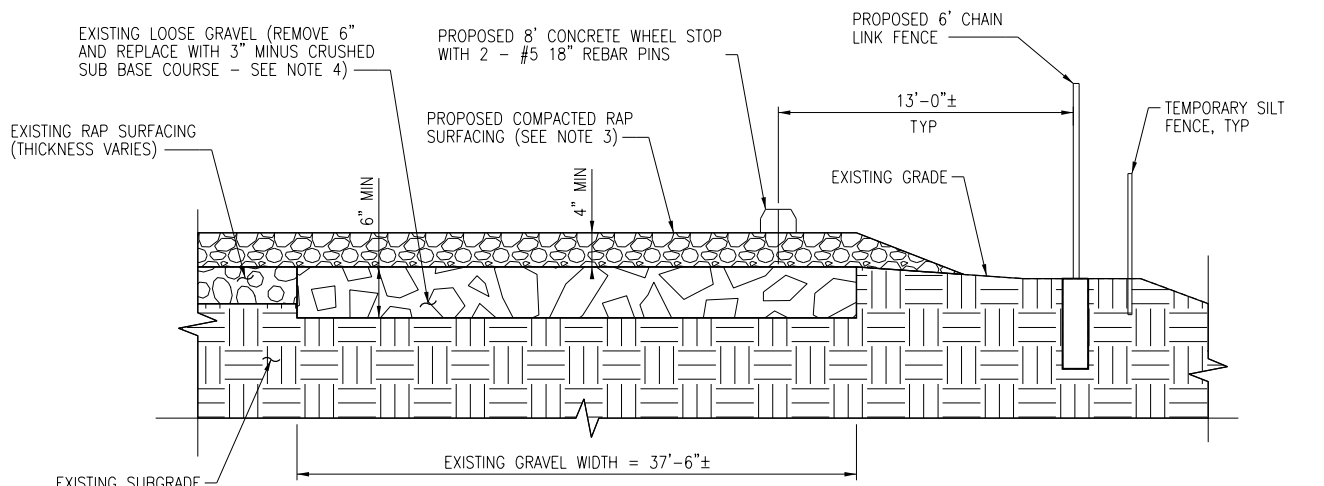
PLAN NO.: C-2022-113-02

SHEET: 2 OF 5



9/29/2022 10:13:38 AM GTC/CHER
 C:\2022-11-03-11-03-MT-FWP-Mill-Town-Parade

SITE PLAN
SCALE: 1" = 50'-0"

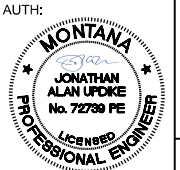


SECTION A-A
SCALE: NTS

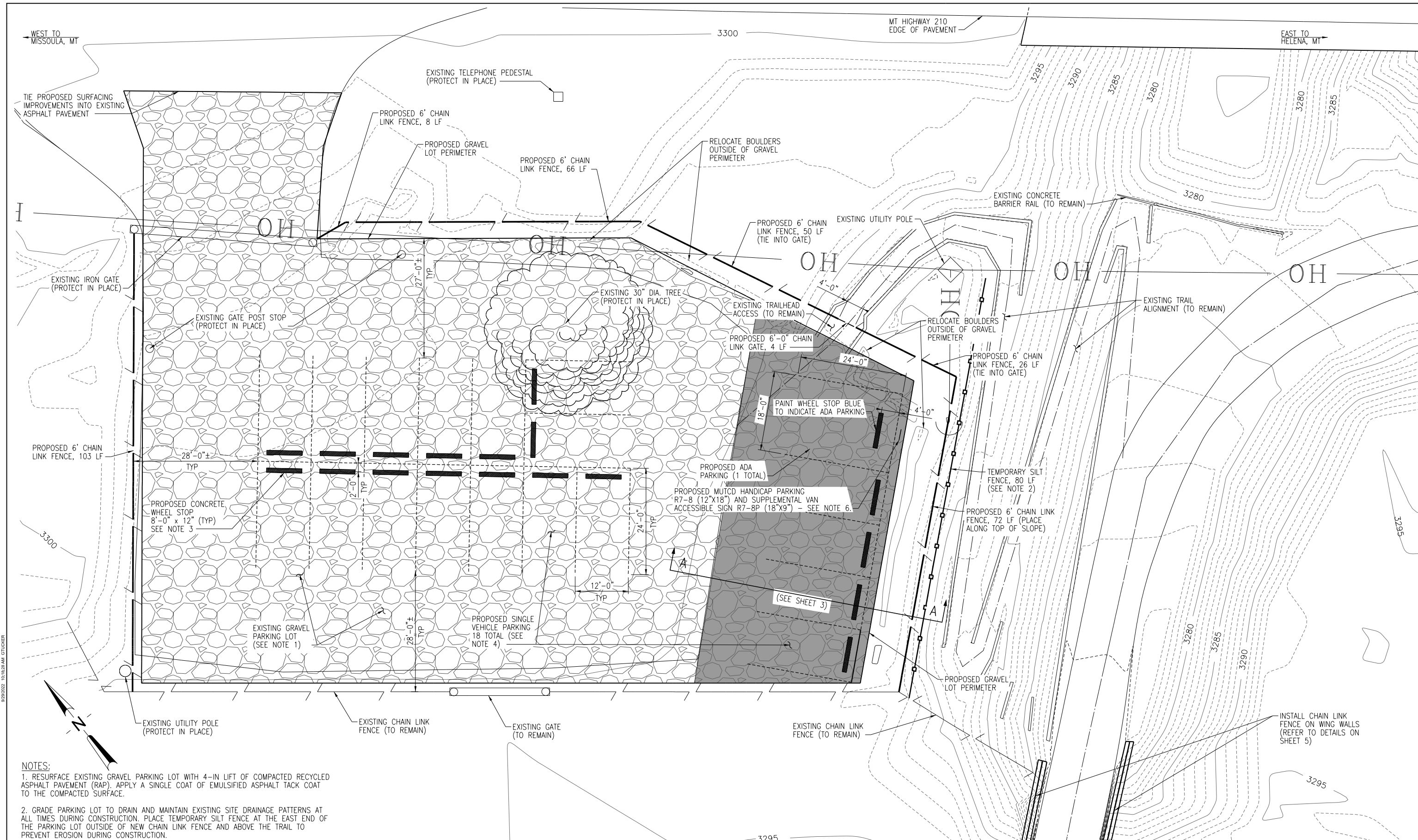
- NOTE:**
- REFER TO MDT STANDARDS FOR 6' CHAIN LINK FENCE DETAILS INCLUDING: STANDARD DWG 607-25 AND STANDARD SPECS 607 AND 712.
 - FOR CHAIN LINK FENCE MOUNTED ON WINGWALLS REFER TO THE TYPICAL WINGWALL DETAIL AND FENCE POST CONNECTION DETAIL ON SHEET 5.
 - RESURFACE EXISTING GRAVEL PARKING LOT WITH 4-IN LIFT OF COMPACTED RECYCLED ASPHALT PAVEMENT (RAP). APPLY A SINGLE COAT OF EMULSIFIED ASPHALT TACK COAT TO THE COMPACTED SURFACE.
 - REMOVE A MINIMUM OF 6-IN OF LOOSE GRAVEL AND REPLACE WITH 3" MINUS CRUSHED SUB BASE COURSE PRIOR TO PLACING RAP SURFACING. THICKNESS OF EXISTING LOOSE GRAVEL VARIES. INSTALL 3" MINUS CUSHED SUB BASE COURSE PER MPWSS 02234.
 - REMOVE EXISTING GRAVEL MATERIALS FROM WITHIN 10-FT OF EXISTING ASPHALT APRON AS NEEDED TO INSTALL FULL-DEPTH COMPACTED RAP SURFACING UP TO THE ASPHALT APRON.



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MILLTOWN STATE PARK
ACCESS IMPROVEMENTS
 GENERAL SITE PLAN



- NOTES:**
- RESURFACE EXISTING GRAVEL PARKING LOT WITH 4-IN LIFT OF COMPACTED RECYCLED ASPHALT PAVEMENT (RAP). APPLY A SINGLE COAT OF EMULSIFIED ASPHALT TACK COAT TO THE COMPACTED SURFACE.
 - GRADE PARKING LOT TO DRAIN AND MAINTAIN EXISTING SITE DRAINAGE PATTERNS AT ALL TIMES DURING CONSTRUCTION. PLACE TEMPORARY SILT FENCE AT THE EAST END OF THE PARKING LOT OUTSIDE OF NEW CHAIN LINK FENCE AND ABOVE THE TRAIL TO PREVENT EROSION DURING CONSTRUCTION.
 - CONCRETE WHEEL STOP INSTALLATION REQUIRES 2 #5 REBAR X 18" LONG PINS. PRECAST CONCRETE CURB PER MPSS 03310 STRUCTURAL CONCRETE.
 - VEHICLE PARKING STALLS ARE DELINEATED FOR INFORMATION ONLY.
 - REFER TO MDT STANDARDS FOR 6' CHAIN LINK FENCE DETAILS INCLUDING: STANDARD DWG 607-25 AND STANDARD SPECS 607 AND 712.
 - INSTALL SIGN USING 3" DIAMETER TREATED WOOD POST WITH MINIMUM 6' MOUNTING HEIGHT PER MDT STANDARD DWG 619-20 AND STANDARD SPECS 619 AND 704.

SITE PLAN
SCALE: 1" = 20'-0"

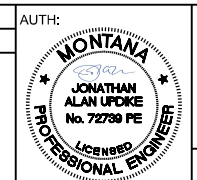
LEGEND:

- PROPOSED RAP SURFACING. SEE NOTE 1.
- PROPOSED RAP SURFACING W/ EXCAVATING

151



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MILLTOWN STATE PARK
ACCESS IMPROVEMENTS

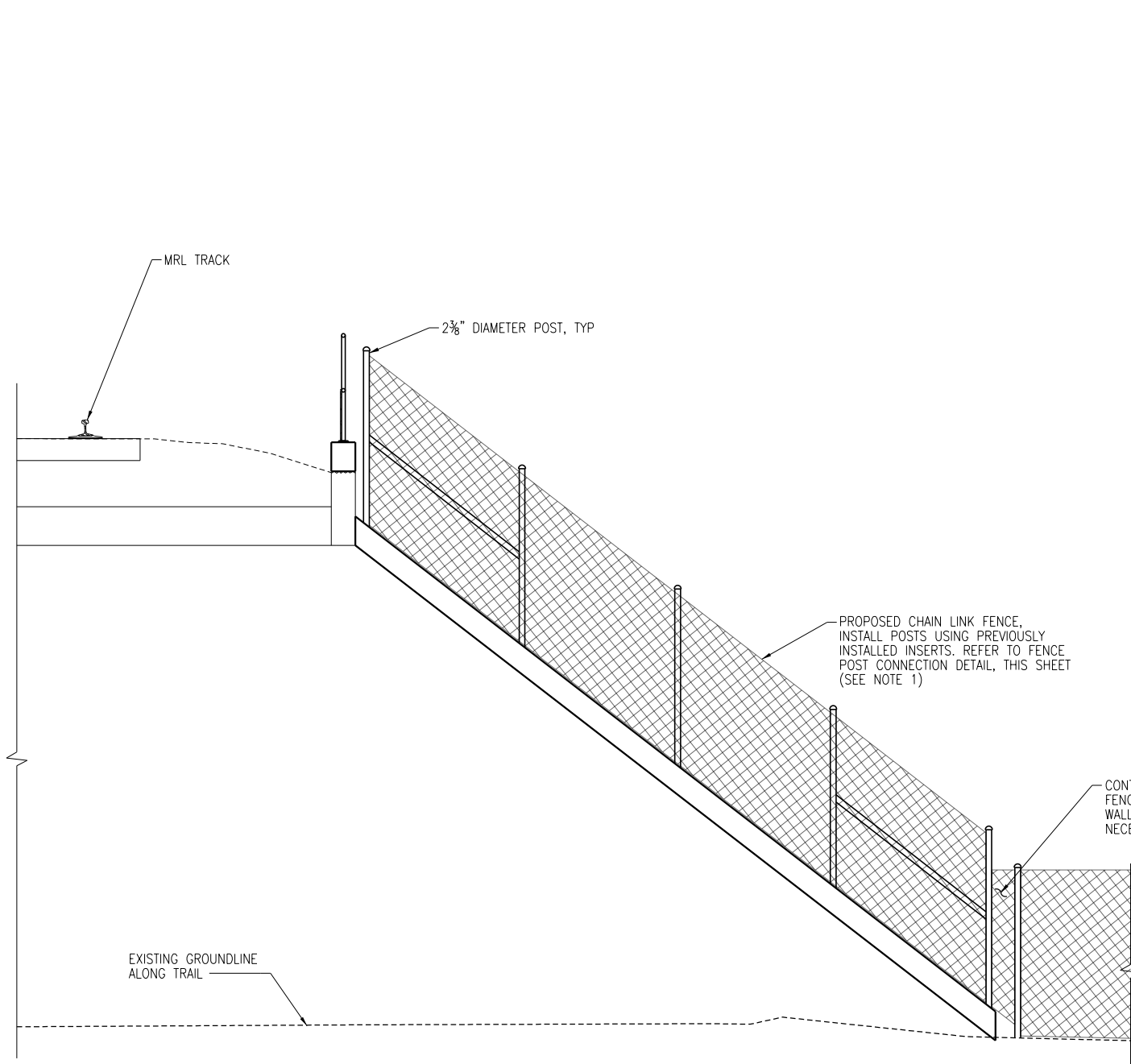
PARKING LOT SITE PLAN

PLAN NO.: C-2022-113-04 SHEET: 4 OF 5

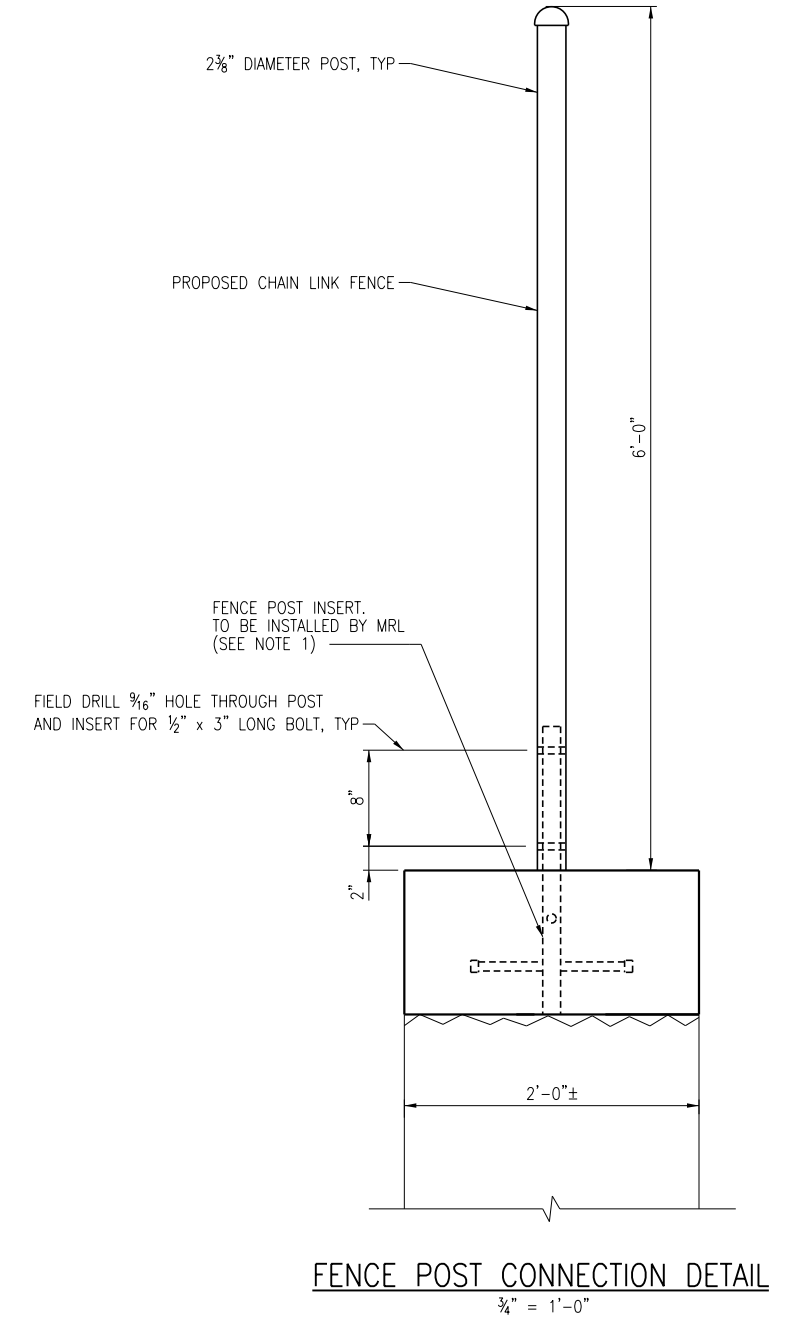
C:\2022-113-04.MT.FWP.MI.Dwg 9/29/2022 10:52:28 AM GJT/CJER

NOTES

1. FENCE POST INSERTS WILL BE INSTALLED SEPARATELY BY MRL COINCIDENT WITH CONCRETE WINGWALL REPAIR WORK. FENCE POST INSERTS WILL BE PLACED TO CREATE FOUR EVEN SPACES ALONG THE WINGWALL. WINGWALL LENGTHS VARY FROM 27'-3" TO 31'-0". CONTRACTOR SHALL VERIFY LOCATION OF AS-CONSTRUCTED FENCE POST INSERTS PRIOR TO ORDERING MATERIALS AND INSTALLING FENCE.



TYPICAL WINGWALL DETAIL
3/16" = 1'-0"



FENCE POST CONNECTION DETAIL
3/4" = 1'-0"

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HDR	DES: SMM DRW: GJT CHK: JAU AUTH:			MILLTOWN STATE PARK ACCESS IMPROVEMENTS
	DATE: SEPTEMBER 2022 LINE SEG.: 0014			
CIVIL ENGINEERING 100% SUBMITTAL FOR CONSTRUCTION		PLAN NO.: C-2022-113-05 SHEET: 5 OF 5		