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DRAWN BY: DATE: TLM CHECKED BY: DATE:

09/21/22

09/21/22

REVISED BY:

APPROVED BY: DATE:

DATE:

MONTANA FISH, SHEET INDEX WILDLIFE & PARKS BIG ARM ARCHERY PROJECT

SHEET TITLE

RELEASE DATE LATEST REVISION



2 of : 2 of 58

ABBREVIATIONS

<u>A</u>			E			1			<u>o</u>		S CONTIN	IUED
ĀC	C ACRE		ĒW	EACH WAY		ĪN	INCHES		<u>0</u> .C.	ON CENTER	SF	SQUARE
AD	DD ADDEND	DUM	E	EAST		ID	INNER DIAMETER	_	0&M	OPERATION AND MAINTENANCE	STD	STANDA
AL	B AS-BUIL		ELEC	ELECTRIC		IBC	INTERNATIONAL BUILDING COD)F	OPP	OPPOSITE OVERVIER D DOWER	SIA	STATION
Ar	AJ AGENCY	HAVING JURISDICTION	ELEV			IE	INVERTELEVATION		OHP	OVERHEAD POWER		STORIVI
в			EVCE		IRVE ELEVATION	1			D		SWPPP	
BV	CE BEGIN V	ERTICAL CURVE ELEVATION	FO	FOUAL		JEA	JACKOLA ENGINEERING AND		PVI	POINT OF VERTICAL INTERSECTION	ST	STREFT
BV	CS BEGIN V	ERTICAL CURVE STATION	EQUIP	EQUIPMENT			ARCHITECTURE		PE	PROFESSIONAL ENGINEER	51	STREET
BT	M BOTTOM	1	EXIST	EXISTING					PROP	PROPERTY	т	
BL	VD BOULEV	ARD				М			PL	PROPERTY LINE	TEL	TELEPHO
BL	DG BUILDIN	G	F			MH	MANHOLE				TYP	TYPICAL
			FT	FEET		MAX	MAXIMUM		<u>Q</u>		TBD	TO BE D
<u>c</u>			FO	FIBER OPTIC		MIN			QTY	QUANTITY	TBC	TOP BAC
CA	ATV CABLE IN			FINISHED FLOOR	DADKC		MISSION VALLEY POWER					
	CONSTR		FWP	FISH, WILDLIFE &					K DEE	DEFEDENCE		
C	CONSTR		FLC	FORCE MAIN		IVIDI	TRANSPORTATION					
D			FI			MPWSS	MT PUBLIC WORKS STANDARD		REQID	REVISION	UNO	UNIESS
 De	Q DEPARM	IENT OF ENVIRONMENTAL					SPECIFICATIONS		ROW	RIGHT-OF-WAY	UTIL	UTILITY
	QUALITY	,	G						RD	ROAD	-	
DT	L DETAIL		G	GAS		Ν					V	
DI	A DIAMETI	ER	GIS	GEOGRAPHIC INF	ORMATION SYSTEM	NEC	NATIONAL ELECTRIC CODE		<u>s</u>		VERT	VERTICA
DI	M DIMENS	ON				N	NORTH		SS	SANITARY SEWER		
DI	V DIVISION	1	H			NWE	NORTHWESTERN ENERGY		SCH	SCHEDULE	W	
DV	NG DRAWIN	G	HT	HEIGHT		NIC	NOT IN CONTRACT		SIM	SIMILAR	WTR	WATER
DF	R DRIVE		HWY	HIGHWAY		NTS	NOT TO SCALE		S	SOUTH	W,	WEST
			HORIZ	HORIZONTAL					SPEC	SPECIFICATION	w/	WITH
			ПК	HOUR								
	SEND								GENE	ai notes		
					× ×		FENCE			ial noilo		
_ <u> </u>	FRAFFIC SIGN		CAP	-	<u> </u>		FENCE	1.	THE MDT A	APPROACH PERMIT WAS OBTAINED AN	D IS INCLUDI	ED IN THE P
<u>□</u> —oı	IGHT POLE	Sector CLEA	AN OUT	-			PROPERTY EASEMENT		PERMITS (E	NCROACHMENT PERMIT, ETC) REQUIR	ED TO CARR	Y OUT THE
	GAS METER	S SFW	/FR MANHOLF	_			EXISTING REODERTY LINE	2.	CONTRACT	OR SHALL BE RESPONSIBLE FOR ALL AS	PECTS OF SA	HEIY AND
				-			EXISTING PROPERTY LINE		MEET ALLS			
					(OHP)		EXISTING OVERHEAD POWER	2	CONTRACT	OR SHALL ORTAIN LAKE COUNTY SEPTI	C DERMIT DE	
T	IELEPHONE PEDES	IAL (B) CAT	CH BASIN	-	(UP)		EXISTING UNDERGROUND POWER	۷.	PROVIDED	IN ADVANCE.		
JE	LECTRICAL JUNCTI	ON BOX 💮 STO	RM DRAIN DR	YWELL				3.	ALL WORK	IS TO BE PERFORMED IN ACCORDANCE	WITH ALL C	OVERNING
EE	ELECTRICAL PEDEST	AL 🗍 CUR	RB INLET	-	(UT)		EXISTING UNDERGROUND PHONE		CONTRACT	OR IS RESPONSIBLE FOR OBTAINING AI	ND PAYING F	OR REQUIR
άE	XISTING LIGHT PO	LE EXIS	TING ASPHALT	r –	(SD)		EXISTING STORM DRAIN		HAVE A FU	LL TIME QUALIFIED SUPERVISOR ON TH	E SITE AT AL	L TIMES W
				6	OUD			4.	ALL MATER	RIAL SPECIFIED IS TO BE NEW AND INST	ALLED IN AC	CORDANCE
		EXIS	ING BUILDIN	G –	OHP		OVERHEAD POWER		CONTRACT	OR IS TO CONSTRUCT PROJECT IN ACC	JRDANCE W	ITH THE DO
	RANSFURIVIER	EXIS	TING SIDEWA	LK –	UP		UNDERGROUND POWER		WITHOUT	ENGINEER'S APPROVAL, ARE AT THE CC	INTRACTOR:	S OWN RISH
🔆 F	IRE HYDRANT	PRO	POSED ASPHA	IT _	IIT			F	EXPENSE (P	VIATERIALS AND LABUR).		
¥#P F	ROST FREE YARD H	IYDRANT			01		UNDERGROUND TELEPHONE	э.				
⋈ \	WATER GATE VALV	E PRO	POSED BUILDI	NG –	SD		STORM DRAIN	6	THE CONTR	BACTOR SHALL REMOVE ALL DEBRIS AS		F THIS PRO
		PRO	POSED SIDEW	ALK _	· ·		DRAINAGE SWALE/STORM POND	7.	THE CONTR	RACTOR SHALL SCHEDULE HIS WORK AI	ND MATERIA	L AND EOU
									TRAFFIC.			
₩ \	NATER TEE	51A	NDAND CONB /	AND GUTTER _			EXISTING CONTOUR	8.	THE CONTR	RACTOR SHALL PROTECT EXISTING IMP	ROVEMENTS	FROM DAM
<u>(۱) (۱) (۱) (۱) (۱) (۱) (۱) (۱) (۱) (۱) </u>	WATER METER PIT	SPIL	L CURB AND G	UTTER _			DESIGN CONTOUR	9.	ALL SURFA	CES AND/OR FINISHES DAMAGED AS A	RESULT OF /	AND ADJAC
众 F	IRE DEPARTMENT	CONNECTION TO CUR	B TRANSITION	l					THAN ORIG	SINAL CONDITION.		
	RRIGATION VALVE	BOX DBN						10.	ALL ITEMS	REQUIRED BY THE DRAWINGS AND SPE	CIFICATION	S SHALL BE
2010 20/0			VE OVER CORB	AND GUITER				11	RESPECTIV	E TRADE AND WHO NORMALLY PARTIC		
5040.56(e		I GRADE						11.		EER SHALL BE IN THE FIRST INSTANCE	HE SOLE IN	ERPRETER
3031.40) 🕺 DESIGN SPOT	GRADE						12	CONTRACT	OR SHALL BE SOLELY RESPONSIBLE FOR		
(3031.90)) 🕺 TBC DESIGN S	POT GRADE						13.	CONTRACT	OR SHALL BE RESPONSIBLE FOR OBTAIL	NING NECES	SARY PERM
~~~~~								14.	CONTRACT	OR TO OBTAIN A STATE ELECTRICAL PE	RMIT & COC	DRD. PRIMA
									BEEN PAID	BY OWNER. CONTRACTOR WILL BE RES		OR WORK A
	DECID	UOUS TREE							NOT LIMITI	ED TO TRENCHING, BACKFILL, CONDUIT	, METER BA	SE, AND GR
m								15.	ALL WORK	IS TO BE COMPLETED PER MPWSS AND	AMENDME	NTS INCOR
I REE LINE								16.	CONTRACT	OR SHALL STOP EXCAVATION AND NOT	IFY OWNER	IF ANYTHIN
								17.	CONTRACT	OR SHALL BE RESPONSIBLE FOR OBTAIL	VING UTILIT	/ LOCATES I
									PRIOR TO E	XCAVATION		
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CHECKED BY:	DATE:	APPROVED BY: DATE:	APPR	OVED BY: DATE:		7 ••		Ď			JJLU	<b>/</b>

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FEET ٩RD DRAIN WATER POLLUTION ITION PLAN

ONE DETERMINED CK OF CURB

GROUND POWER GROUND PHONE NOTED OTHERWISE

۹L

PROJECT MANUAL. CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL WORK.

TRAFFIC CONTROL DURING CONSTRUCTION. CONTRACTOR IS REQUIRED TO KING WITHIN MDT RIGHT OF WAY IN ACCORDANCE WITH MUTCD ID APPROVED BY MDT AND FWP PRIOR TO START OF CONSTRUCTION GINNING EXCAVATION FOR THE VAULT LATRINE. DEQ APPROVAL WILL BE

CODES, ORDINANCES AND AUTHORITIES HAVING JURISDICTION. GENERAL RED PERMITS NOT OBTAINED BY OWNER. THE GENERAL CONTRACTOR IS TO HILE WORK IS BEING PERFORMED.

WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. GENERAL OCUMENTS. ANY DEVIATION FROM THE INTENT OF THE DOCUMENTS, K AND MAY RESULT IN THE WORK BEING DONE OVER AT CONTRACTOR'S

ONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT GINEER PRIOR TO STARTING CONSTRUCTION.

JECT. IPMENT DELIVERIES SO AS NOT TO INTERFERE WITH THE DAILY VEHICLE

MAGE DURING THE COURSE OF CONSTRUCTION.

ENT TO THE WORK SHALL BE REPAIRED AND FINISHED TO EQUAL OR BETTER

PERFORMED IN A WORKMANLIKE MANNER BY PERSONS SKILLED IN THEIR THAT TRADE.

OF THE DRAWINGS AND SPECIFICATIONS WITH REGARD TO THEIR MEANING

MEANS, METHODS, TECHNIQUES AND PROCEDURES. 1ITS INCLUDING, BUT NOT LIMITED TO, SWPPP. ARY POWER INSTALL W/ MISSION VALLEY POWER (MVP). MVP FEES HAVE ASSOCIATED W/ THE PRIMARY AND SECONDARY POWER (INCLUDING BUT ROUNDING). MVP CONTACT IS BRENT BURLAND, 883-7900 EXT. 3 PORATED INTO THE PROJECT MANUAL NG RESEMBLING A CULTURAL ITEM IS UNCOVERED

FOR THE PROJECT BY CONTACTING MONTANA811.ORG OR DIALING 811





## **PROPERTY INFORMATION**

TRACTS 1 AND 2 OF CERTIFICATE OF SURVEY No. 7407RT LOCATED IN E 1/2 SEC. 29 & NE 1/4 SEC. 32, T. 24 N., R. 21 W., LAKE COUNTY, MT

PHYSICAL ADDRESSES: 28031 BIG ARM STATE PARK RD, BIG ARM, MT

### BASIS OF SURVEY

THIS PROJECT WAS SURVEYED USING RTK GPS AND TIED TO MONTANA STATE PLANE ZONE 2500 BASED ON AN OPUS SOLUTION AT CONTROL POINT NO 1.

THE GEODETIC DATUM IS NAD 83. BASIS OF BEARINGS IS GRID BEARING.

THE VERTICAL DATUM IS NAVD88.

ALL UNITS ARE INTERNATIONAL FEET AT GROUND.

## POINT CP-1 POSITION:

STATE PLANE COORDINATES:

N: 1332447.77 E: 786990.76 ELEVATION: 2954.85

COMBINED SCALE FACTOR: 0.99934985 CONVERGENCE: -3.52088056

### SURVEY NOTES:

1. TRAIL, SHOOTING STATIONS, AND TARGETS SHOWN WERE FLAGGED BY FWP PRIOR TO THE FIELD SURVEY.

09/21/2

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APPROVED BY:

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CONTOURS SHOWN OUTSIDE THE SURVEY EXTENTS IS BASED 2. ON AVAILABLE 2009 LIDAR DATA



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- 1. NEATLY SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING ASPHALT. SAWCUT AT EXISTING SHOULDER.
- 2. PREPARE EDGE OF EXISTING ASPHALT FOR NEW APPROACH: SAWCUT AS REQUIRED.
- 3. EXISTING SIGN TO BE REMOVED AND STORED ON-SITE. RE-INSTALL AT NEW LOCATION PER SHEET 9.
- 4. REMOVE EXISTING TREE/SHRUB IN IT'S ENTIRETY.
- 5. CUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING BARBED WIRE FENCE TO ACCOMMODATE NEW APPROACH. INSTALL H-BRACING AT FENCE TERMINATIONS AS SHOWN ON SHEET 9.
- 6. REMOVE AND STOCKPILE EXISTING BOULDERS FOR RE-USE.
- 7. REMOVE EXISTING CULVERT; RE-USE AS POSSIBLE. SLOPE FORESLOPE AND BACKSLOPE TO MATCH EXISTING ON EITHER SIDE OF CULVERT.
- 8. FIELD VERIFY DEPTH AND ALIGNMENT OF EXISTING UNDERGROUND PHONE PRIOR TO CONSTRUCTION.

ASPHALT REMOVAL

- /· /· /- FENCE REMOVAL

- 1. SLOPE SHOULDER AND FORESLOPE TO MATCH EXISTING.
- 2. TRANSITION GRADE FROM NEW EDGE OF ASPHALT TO
- SHOULDER GRADE TO ELIMINATE ABRUPT EDGE.
- DRILL SEED DISTURBED AREA WITHIN MDT RIGHT-OF-WAY.
  ALL DISTURBED AREAS SHALL BE COVERED IN 4" OF STOCKPILED TOPSOIL & SEEDED AT A RATE OF 10PLS LB/ACRE WITH CHS "FOREST MIX" OR EQUAL. 40% MOUNTAIN BROME, 35% BLUEBUNCH WHEATGRASS, 15% WESTERN WHEATGRASS, AND 10% ROUGH FESCUE

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- 1. PRE-CAST CONCRETE VAULT LATRINE PER DTLS. 1 AND 2 OF SHEETS 22 AND 23
- 2. ASPHALT PAVEMENT SECTION PER DTL. 1 OF SHEET 18.
- 3. GRAVEL PARKING SECTION PER DTL. 1 OF SHEET 18.
- 4. CONCRETE PAVEMENT SECTION PER DTL. 1 OF SHEET 18.
- 4" THICK CONCRETE SIDEWALK PER DTL. 1 OF SHEET 19.
  ADA PARKING SIGN PER DTL. 2 OF SHEET 20.
- ADA FARRING SIGN FER DTL. 2 OF SHEET 20.
  8' CONCRETE WHEEL STOP PER DTL. 3 OF SHEET 18.
- SQUARE TUBE, DOUBLE SPAN GATE PER DTL. 1 OF SHEET 20.
- 9. RE-INSTALL EXISTING SIGN, MATCH EXISTING INSTALLATION.
- 10. RELOCATED BOULDERS. ADD NEW BOULDERS ONCE EXISTING COUNT IS INSUFFICIENT. SIZE AND SPACING PER DTL. 3 OF SHEET 19.
- 11. 18" CMP CULVERT WITH RACET END TREATEMENT PER MDT DTL. 603-14 OF SHEET 27 RE-USE EXISTING CULVERT AS POSSIBLE. MATCH SLOPE OF EXISTING DITCH.
- 12. SWALE PER DTL. 2 OF SHEET 21.
- 13. STORM POND PER DTL. 1 OF SHEET 21.
- 14. STORM POND OUTLET PER DTL. 3 OF SHEET 21
- 15. 100 AMP SINGLE-PHASE METER BASE PER DTL. 1 OF SHEET 24
- 16. SINGLE PANEL WOOD H-BRACING AT FENCE TERMINATION
- ADJACENT TO GATE PER MDT DTL. 607-05 OF SHEET 26 17. RIPRAP OUTLET PER DTL. 4 OF SHEET 21

## GENERAL NOTES:

### 1. MAIN PARKING AREA:

- 1.1. <u>BASE BID</u>: CONSTRUCT PARKING LOT PER PAVEMENT SECTION UP TO THE CRUSHED BASE COURSE ELEVATION, PROVIDE GRAVEL TRANSITION TO THE PAVED APPROACH, SIDEWALK, AND ADA PARKING. STRIPE ADA PARKING PER DTL. 2 OF SHEET 19
- 1.2. <u>MAIN PARKING PAVEMENT ADD ALTERNATE:</u> CONSTRUCT 3" ASPHALT PAVEMENT PER THE PAVEMENT SECTION FOR AREAS DESIGNATED AS GRAVEL IN BASE BID, STRIPE PER DTL. 2 OF SHEET 19

### 2. NE OVERFLOW PARKING:

- 2.1. BID ALTERNATE PARKING: CONSTRUCT OVERFLOW GRAVEL PARKING LOT TO CRUSHED BASE COURSE ELEVATION PER PLANS. INCLUDE ALL WORK NECESSARY TO COMPLETE THE WORK.
- 2.2. <u>BID ALTERNATE PAVEMENT: PAVE OVERFLOW PARKING</u> LOT WITH 3" ASPHALT PER DTL. 1 OF SHEET 18.

### TP-1

0-36" BROWN TOPSOIL W/ COBBLES 36"-78" GRAY CLAY W/ SILT & 0"-10" COBBLES 78" - 84" FRACTURED BEDROCK

TP-2

0-48" BROWN TOPSOIL W/ FRACTURED BEDROCK

TP-3

0-36" BROWN TOPSOIL W/ COBBLES 36"-60" GRAY CLAY W/ SILT & 0-10" COBBLES 60" HARD BEDROCK





- 1. PRE-CAST CONCRETE VAULT LATRINE PER DTLS. 1 AND 2 OF SHEETS 22 AND 23
- ASPHALT PAVEMENT SECTION PER DTL. 1 OF SHEET 18.
- GRAVEL PARKING SECTION PER DTL. 1 OF SHEET 18. 3.
- CONCRETE PAVEMENT SECTION PER DTL. 1 OF SHEET 18. 4. 4" THICK CONCRETE SIDEWALK PER DTL. 1 OF SHEET 19. 5.
- ADA PARKING SIGN PER DTL. 2 OF SHEET 20. 6.
- 8' CONCRETE WHEEL STOP PER DTL. 3 OF SHEET 18.
- SQUARE TUBE, DOUBLE SPAN GATE PER DTL. 1 OF SHEET 20. 8.
- RE-INSTALL EXISTING SIGN, MATCH EXISTING INSTALLATION. 9.
- 10. RELOCATED BOULDERS. ADD NEW BOULDERS ONCE EXISTING COUNT IS INSUFFICIENT. SIZE AND SPACING PER DTL. 3 OF SHEET 19.
- 11. 18" CMP CULVERT WITH RACET END TREATEMENT PER MDT DTL. 603-14 OF SHEET 27 RE-USE EXISTING CULVERT AS POSSIBLE. MATCH SLOPE OF EXISTING DITCH.
- 12. SWALE PER DTL. 2 OF SHEET 21.
- 13. STORM POND PER DTL. 1 OF SHEET 21.
- 14. STORM POND OUTLET PER DTL. 3 OF SHEET 21
- 15. 100 AMP SINGLE-PHASE METER BASE PER DTL. 1 OF SHEET 24
- 16. SINGLE PANEL WOOD H-BRACING AT FENCE TERMINATION
- ADJACENT TO GATE PER MDT DTL. 607-05 OF SHEET 26 17. RIPRAP OUTLET PER DTL. 4 OF SHEET 21

## GENERAL NOTES:

## 1. MAIN PARKING AREA:

- BASE BID: CONSTRUCT PARKING LOT PER PAVEMENT 1.1. SECTION UP TO THE CRUSHED BASE COURSE ELEVATION, PROVIDE GRAVEL TRANSITION TO THE PAVED APPROACH, SIDEWALK, AND ADA PARKING. STRIPE ADA PARKING PER DTL. 2 OF SHEET 19
- MAIN PARKING PAVEMENT ADD ALTERNATE: CONSTRUCT 1.2. **3" ASPHALT PAVEMENT PER THE PAVEMENT SECTION** FOR AREAS DESIGNATED AS GRAVEL IN BASE BID, STRIPE PER DTL. 2 OF SHEET 19

## 2. NE OVERFLOW PARKING:

- BID ALTERNATE PARKING: CONSTRUCT OVERFLOW 2.1. **GRAVEL PARKING LOT TO CRUSHED BASE COURSE** ELEVATION PER PLANS. INCLUDE ALL WORK NECESSARY TO COMPLETE THE WORK.
- BID ALTERNATE PAVEMENT: PAVE OVERFLOW PARKING 2.2. OT WITH 3" ASPHALT PER DTL, 1 OF SHEET 18

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- 1. 10' x 10' EARTHEN SHOOTING STATION PAD SLOPE AT 2% MAX FOR STATION #1; 5% MAX FOR STATION #2-12
- 6' x 6' EARTHEN TARGET PAD SLOPE AT 5% MAX.
- 3' WIDE EARTHEN TRAIL PER DTL 2 OF SHEET 18. CONNECT 3. THE TARGETS AND SHOOTING PADS TO THE MAIN TRAIL.
- CONSTRUCT ELEVATED SHOOTING PLATFORM. REFER TO 4. STRUCTURAL DRAWINGS.
- 10' x 10' TARGET PAD FOR ADA ACCESSIBILITY SLOPE AT 2% 5. MAX
- 5' WIDE TRAIL PER DTL 2 OF SHEET 18. CONNECT THE TARGETS 6. AND SHOOTING PADS TO THE MAIN TRAIL.

- 1. PATH FROM THE SHOOTING RANGE TO STATION #1 (INCLUDING THE SHOOTING STATION, TARGET & PATH) TO BE 5' WIDE W/ GRAVEL SURFACE. TARGET AND SHOOTING STATION TO BE 2% MAX IN ALL DIRECTIONS; TRAIL TO BE 5% MAX LONGITUDINAL SLOPE
- PATH FOR THE REMAINDER OF THE TRAIL FROM STATION #1 2. (INCLUDING FROM STATION PLATFORM TO TARGETS) SHALL BE 3' WIDE.





- 1. 10' x 10' EARTHEN SHOOTING STATION PAD SLOPE AT 2% MAX FOR STATION #1; 5% MAX FOR STATION #2-12
- 6' x 6' EARTHEN TARGET PAD SLOPE AT 5% MAX.
- 3' WIDE EARTHEN TRAIL PER DTL 2 OF SHEET 18. CONNECT 3. THE TARGETS AND SHOOTING PADS TO THE MAIN TRAIL.
- CONSTRUCT ELEVATED SHOOTING PLATFORM. REFER TO 4. STRUCTURAL DRAWINGS.
- 10' x 10' TARGET PAD FOR ADA ACCESSIBILITY SLOPE AT 2% 5. MAX
- 5' WIDE TRAIL PER DTL 2 OF SHEET 18. CONNECT THE TARGETS 6. AND SHOOTING PADS TO THE MAIN TRAIL.

- 1. PATH FROM THE SHOOTING RANGE TO STATION #1 (INCLUDING THE SHOOTING STATION, TARGET & PATH) TO BE 5' WIDE W/ GRAVEL SURFACE. TARGET AND SHOOTING STATION TO BE 2% MAX IN ALL DIRECTIONS; TRAIL TO BE 5% MAX LONGITUDINAL SLOPE
- PATH FOR THE REMAINDER OF THE TRAIL FROM STATION #1 2. (INCLUDING FROM STATION PLATFORM TO TARGETS) SHALL BE 3' WIDE.









### $\langle \# \rangle$ KEYNOTES:

- 1. 10' x 10' EARTHEN SHOOTING STATION PAD SLOPE AT 2% MAX FOR STATION #1; 5% MAX FOR STATION #2-12
- 6' x 6' EARTHEN TARGET PAD SLOPE AT 5% MAX. 2.
- 3' WIDE EARTHEN TRAIL PER DTL 2 OF SHEET 18. CONNECT 3. THE TARGETS AND SHOOTING PADS TO THE MAIN TRAIL. CONSTRUCT ELEVATED SHOOTING PLATFORM. REFER TO
- 4. STRUCTURAL DRAWINGS.
- 5. 10' x 10' TARGET PAD FOR ADA ACCESSIBILITY SLOPE AT 2% MAX
- 6. 5' WIDE TRAIL PER DTL 2 OF SHEET 18. CONNECT THE TARGETS AND SHOOTING PADS TO THE MAIN TRAIL.

- 1. PATH FROM THE SHOOTING RANGE TO STATION #1 (INCLUDING THE SHOOTING STATION, TARGET & PATH) TO BE 5' WIDE W/ GRAVEL SURFACE. TARGET AND SHOOTING STATION TO BE 2% MAX IN ALL DIRECTIONS; TRAIL TO BE 5% MAX LONGITUDINAL SLOPE
- PATH FOR THE REMAINDER OF THE TRAIL FROM STATION #1 2. (INCLUDING FROM STATION PLATFORM TO TARGETS) SHALL BE 3' WIDE.





### (#) KEYNOTES:

- 10' x 10' EARTHEN SHOOTING STATION PAD SLOPE AT 2% MAX 1. FOR STATION #1; 5% MAX FOR STATION #2-12
- 6' x 6' EARTHEN TARGET PAD SLOPE AT 5% MAX.
- 3' WIDE EARTHEN TRAIL PER DTL 2 OF SHEET 18. CONNECT 3. THE TARGETS AND SHOOTING PADS TO THE MAIN TRAIL.
- CONSTRUCT ELEVATED SHOOTING PLATFORM. REFER TO 4. STRUCTURAL DRAWINGS.
- 5. 10' x 10' TARGET PAD FOR ADA ACCESSIBILITY SLOPE AT 2% MAX
- 5' WIDE TRAIL PER DTL 2 OF SHEET 18. CONNECT THE TARGETS AND SHOOTING PADS TO THE MAIN TRAIL. 6.

- 1. PATH FROM THE SHOOTING RANGE TO STATION #1 (INCLUDING THE SHOOTING STATION, TARGET & PATH) TO BE 5' WIDE W/ GRAVEL SURFACE. TARGET AND SHOOTING STATION TO BE 2% MAX IN ALL DIRECTIONS; TRAIL TO BE 5% MAX LONGITUDINAL SLOPE
- PATH FOR THE REMAINDER OF THE TRAIL FROM STATION #1 2. (INCLUDING FROM STATION PLATFORM TO TARGETS) SHALL BE 3' WIDE.

