

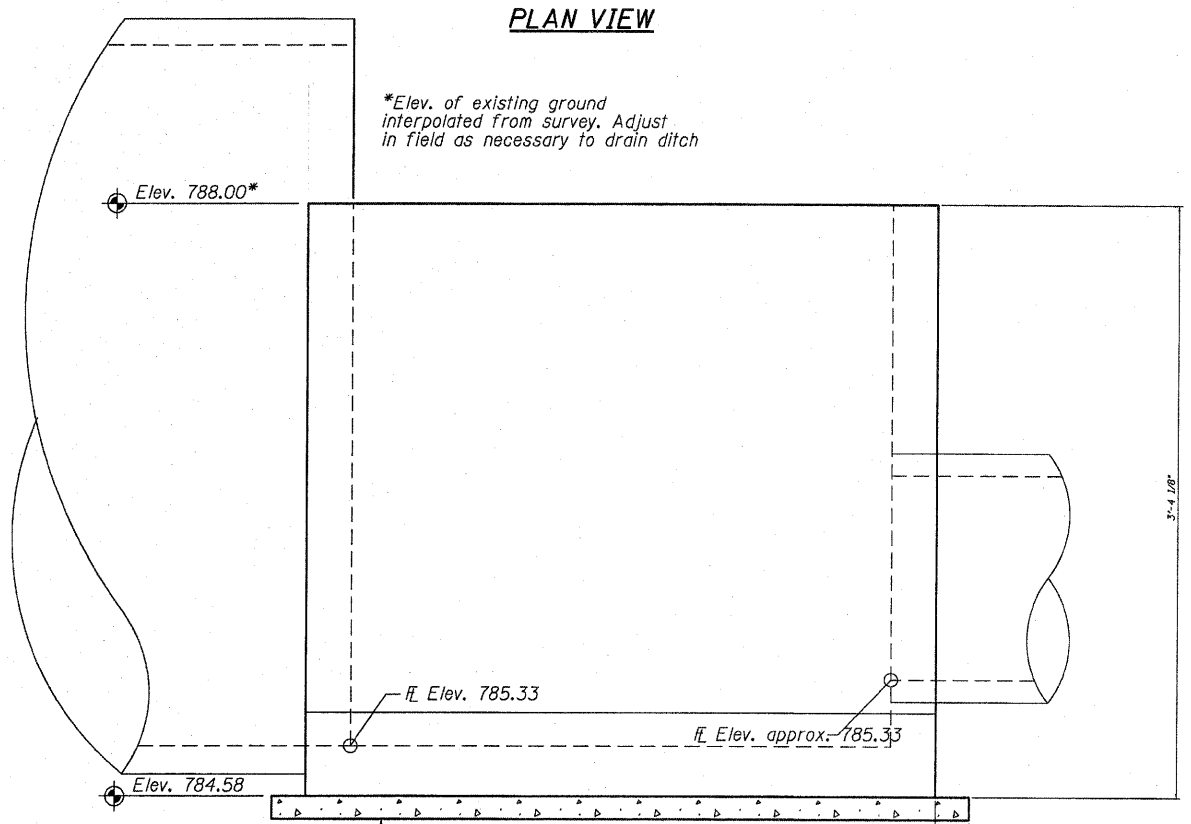
\*\*\*Field tiles to be placed by adjacent property owner during construction. Permit being applied for by land owner during design phase. The permit is anticipated to be approved prior to construction. See plan and profile sheet for approximate location.

Prop field tile location is shown here entering from the west. Property owner has expressed an interest to enter from the south side of the drainage structure. Contact owner prior to construction.

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a <sub>1</sub>	38	#7	10'-8"	
h <sub>1</sub>	20	#5	9'-1"	
h <sub>2</sub>	12	#6	9'-1"	
h <sub>3</sub>	12	#6	5'-0"	
h <sub>4</sub>	16	#6	5'-0"	
v <sub>2</sub>	76	#4	3'-1"	
Concrete Structures			Cu. Yd.	2.85
Reinforcement Bars			Pound	1548
Sub-Base Granular Material, Type B 4"			Sq. Yd.	11.9

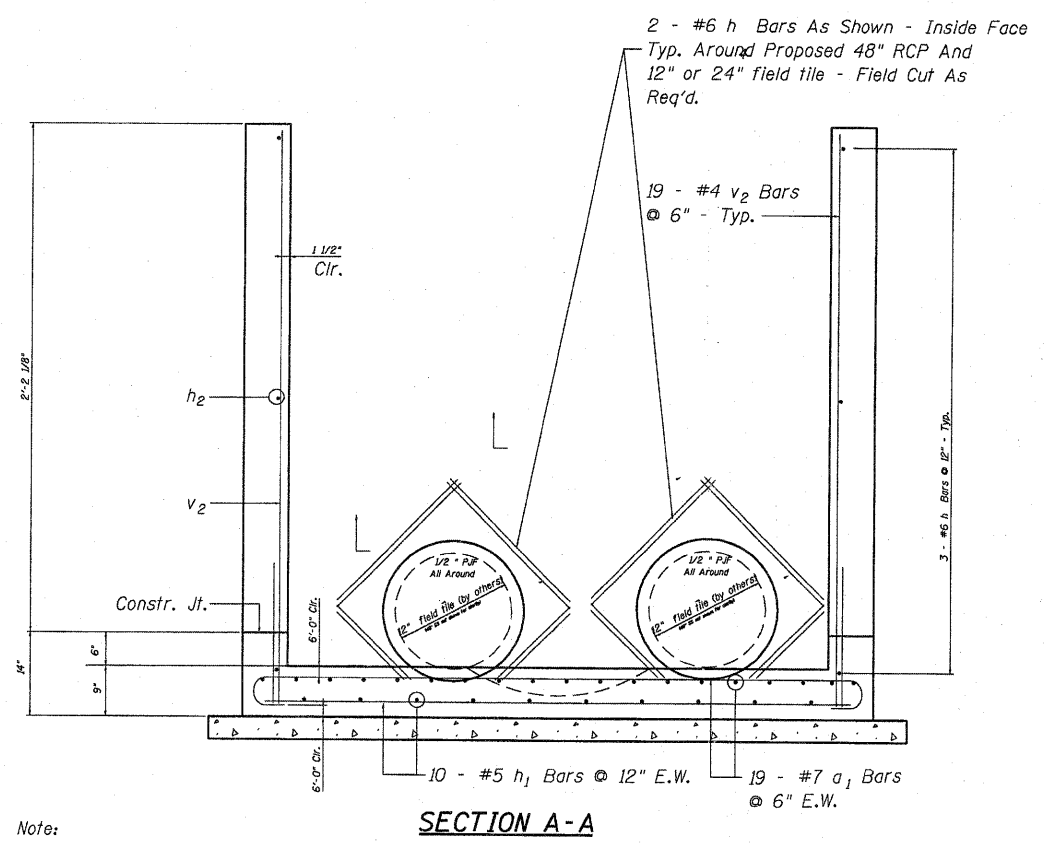
**PLAN VIEW**



\*Elev. of existing ground interpolated from survey. Adjust in field as necessary to drain ditch

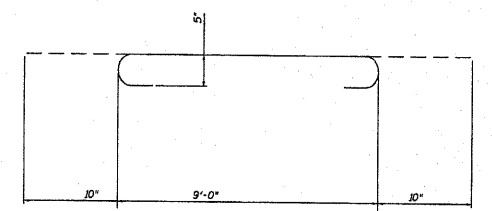
**ELEVATION VIEW**

Sub-Base Granular Material, Type B, 4"

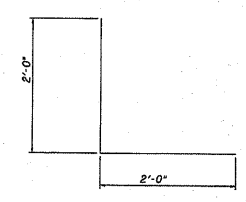


Note: Field Cut h<sub>2</sub> Bars And v Bars As Req'd.

**SECTION A-A**



**BAR a<sub>1</sub>**



**BAR h<sub>3</sub>**

NOT TO SCALE

FILE NAME = 3/1-11 c:\pwwork\p\w\DOT\BRABOYPC\dms64344\0366862-SHT-PLNPRF.dgn	USER NAME = braboypc	DESIGNED -	REVISED -
PLOT SCALE = 50.2690' / IN.	DRAWN -	REVISOR -	REVISOR -
PLOT DATE = Aug 26, 2009 - 03:05:21 PM	CHECKED -	REVISOR -	REVISOR -
	DATE -	REVISOR -	REVISOR -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE DETAIL

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. RTE. 57	SECTION [(27-1)VBR & VBR-1]DM	COUNTY FORD	TOTAL SHEETS 28	SHEET NO. 23
CONTRACT NO. 66862				ILLINOIS FED. AID PROJECT