

- GENERAL NOTES:**
- The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.
  - Pipe Underdrain Outlet Pipes shall drain into concrete headwalls. See Article 601.05 of the Standard Specifications and see Highway Standard 601101.
  - Reinforcement Bars shall conform to the requirements of ASTM A 706, Gr. 60. See Special Provisions.
  - All Exposed Concrete edges shall be chamfered  $\frac{3}{4}$ " unless otherwise noted.
  - Reinforcement Bars designated (E) shall be Epoxy Coated.

**BILL OF MATERIAL**

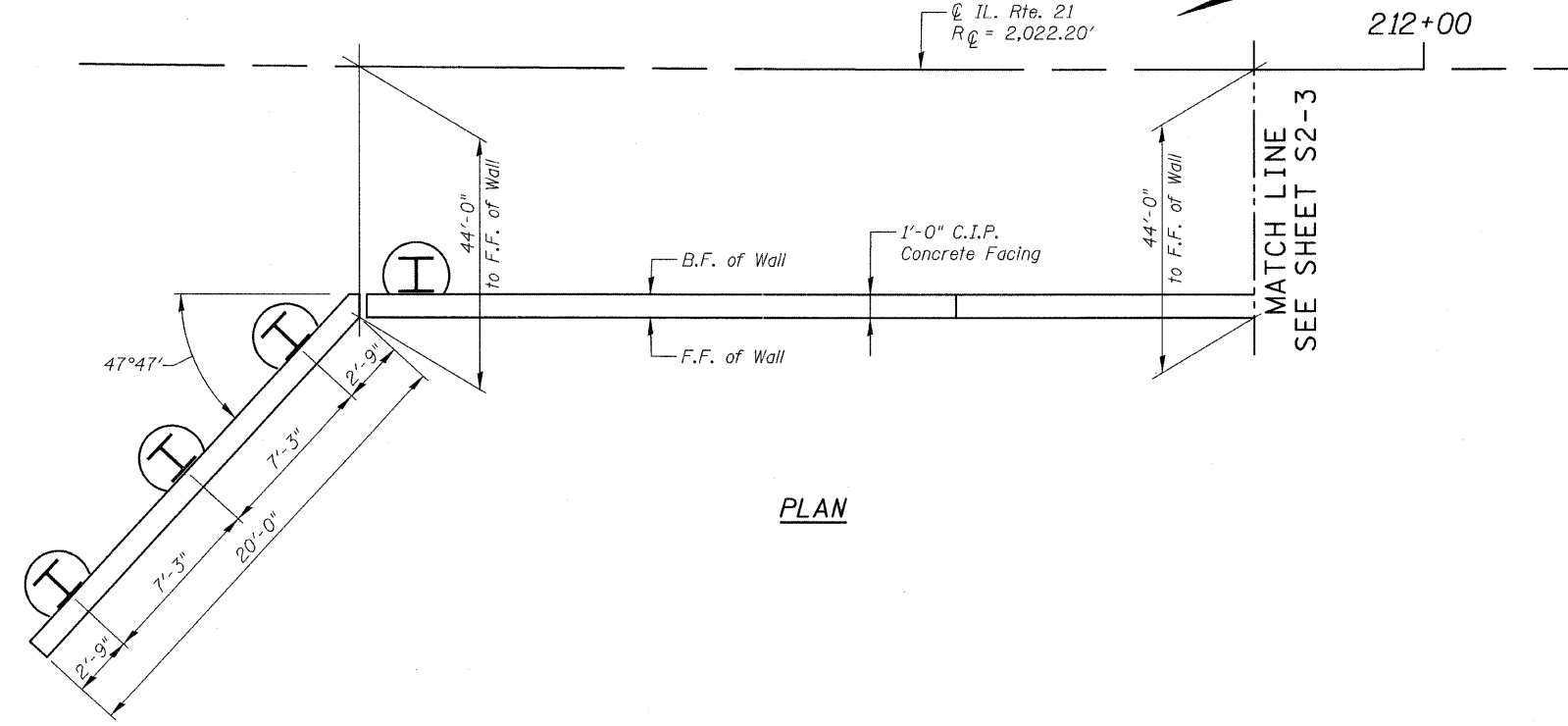
Bar	No.	Size	Length	Shape	
h(E)	16	#6	19'-9"	—	
h1(E)	40	#6	28'-5"	—	
h2(E)	20	#6	25'-7"	—	
h3(E)	16	#6	16'-6"	—	
v(E)	40	#6	6'-8"	—	
v1(E)	52	#6	8'-11"	—	
v2(E)	52	#6	8'-9"	—	
v3(E)	52	#6	8'-7"	—	
v4(E)	34	#6	6'-3"	—	
Reinforcement Bars, Epoxy Coated				Pound	6,120
Concrete Structures				Cu. Yd.	33.1

**LEGEND:**

- E.F. = Each Face
- F.F. = Front Face
- B.F. = Back Face
- C.I.P. = Cast-In-Place
- (C) = Construction Joint
- (E) = Expansion Joint
- [1] = Panel Numbers
- (1) = Pile Numbers

**MIN. BAR LAP:**  
#6 bars = 2'-7"

**ELEVATION**  
(Looking at F.F. of Wall)



**PLAN**

**PLAN & ELEVATION-I**  
**STRUCTURE NO. 049-W018**



FILE NAME = D160953-02-plan-elev-1.dgn	USER NAME =	DESIGNED - J.C.N./B.N.S.	REVISIONS -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN &amp; ELEVATION-I</b> <b>STRUCTURE NO. 049-W018</b>	F.A.P. RTE. = 330	SECTION = 128R-3	COUNTY = LAKE	TOTAL SHEETS = 518	SHEET NO. = 295
PLOT SCALE =	CHECKED - B.N.S.	REVISIONS -	SHEET NO. S2-2 OF S2-7 SHEETS			CONTRACT NO. 60953				
PLOT DATE =	DRAWN - F.M.	REVISIONS -	ILLINOIS FED. AID PROJECT							
	CHECKED - B.N.S./J.C.N.	REVISIONS -								