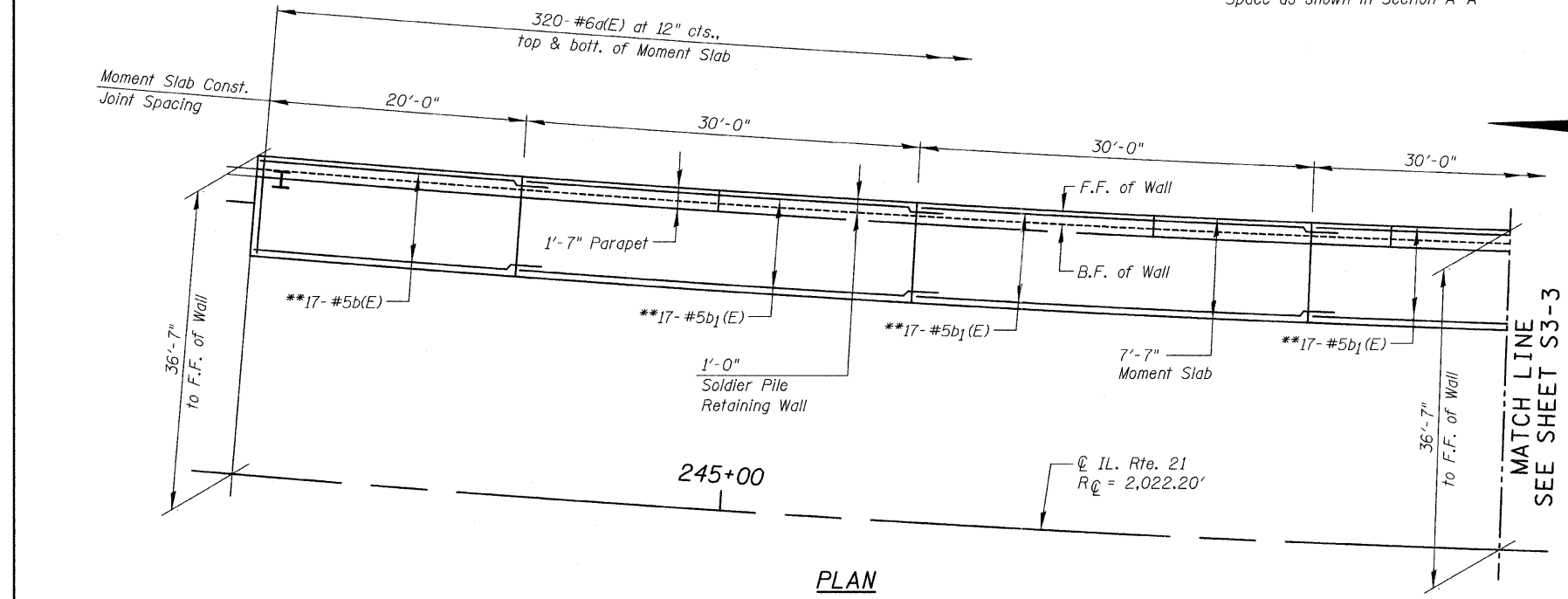


ELEVATION
(Looking at B.F. of Wall)

*Cut in field to fit
**Space as shown in Section A-A

NOTE:
For Pile Tip Elevations, see
Soldier Pile Schedule, Sht. S3-6



PLAN

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 3/4" unless otherwise noted.
- Reinforcement Bars designated (E) shall be Epoxy Coated.

LEGEND:

- E.F. = Each Face
- F.F. = Front Face
- B.F. = Back Face
- C.I.P. = Cast-In-Place
- 1 = Panel Numbers
- 1 = Pile Numbers

MIN. BAR LAP:

- #5 bars = 2'-6"
- #6 bars = 3'-0"
- #8 bars = 5'-2"

TOTAL BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Structure Excavation	Cu. Yd.	135
Concrete Structures	Cu. Yd.	88.4
Concrete Superstructure	Cu. Yd.	150.2
Form Liner Textured Surface	Sq. Ft.	1,828
Stud Shear Connectors	Each	1,480
Reinforcement Bars, Epoxy Coated	Pound	36,620
Geocomposite Wall Drain	Sq. Yd.	133
Untreated Timber Lagging	Sq. Ft.	1,765
Furnishing Soldier Piles (HP Section)	Foot	1,067
Pipe Underdrains for Structures 4"	Foot	325
Driving Soldier Piles	Foot	1,067
Stain For Concrete Structures	Sq. Yd.	204

PLAN & ELEVATION-I
STRUCTURE NO. 049-W019



FILE NAME = D168953-02-plan.elev-1.dgn	USER NAME =	DESIGNED - J.C.N./B.N.S.	REVISED -
		CHECKED - B.N.S.	REVISED -
		DRAWN - F.M.	REVISED -
		CHECKED - B.N.S./J.C.N.	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & ELEVATION-I
STRUCTURE NO. 049-W019
SHEET NO. S3-2 OF S3-9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	302
			CONTRACT NO. 60953	
ILLINOIS FED. AID PROJECT				