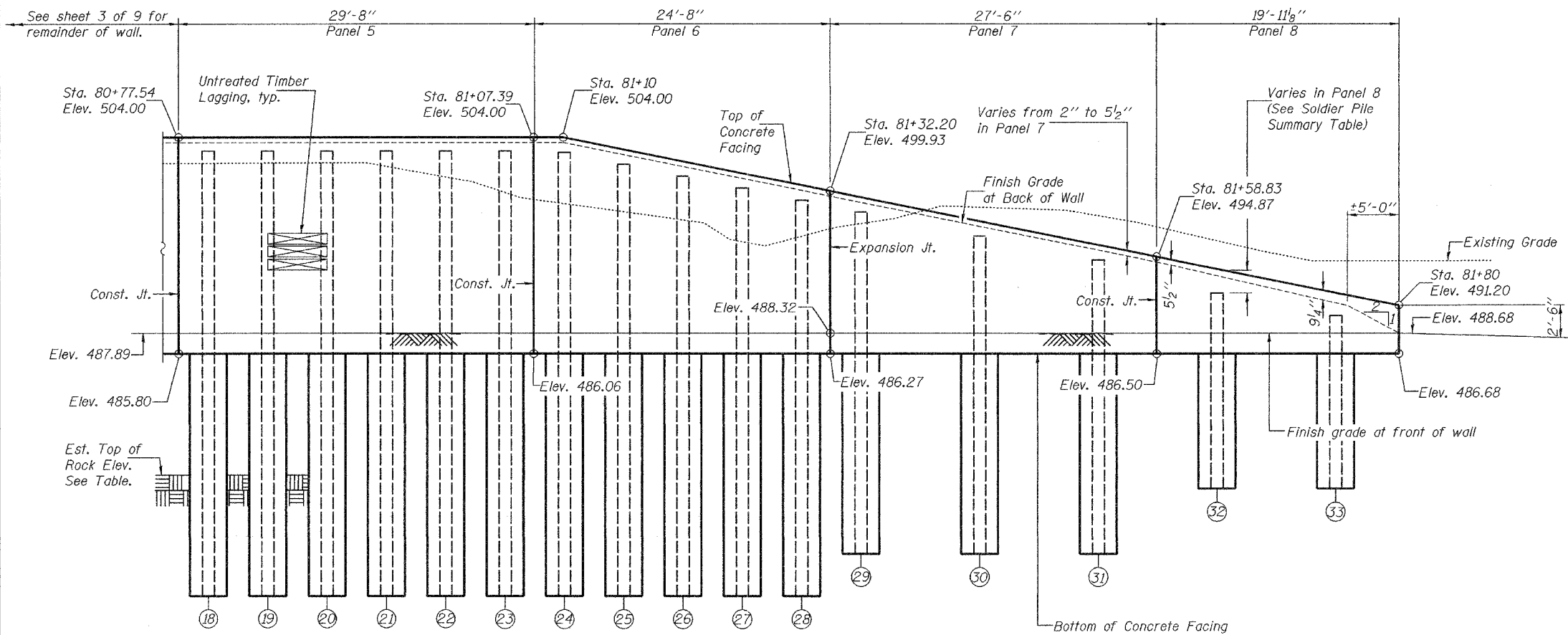


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	#	FULTON	226	9
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #88753
*18RS-2, 19RS-3, (18BRY & 18BRY-1) BR, 18B-1



ELEVATION

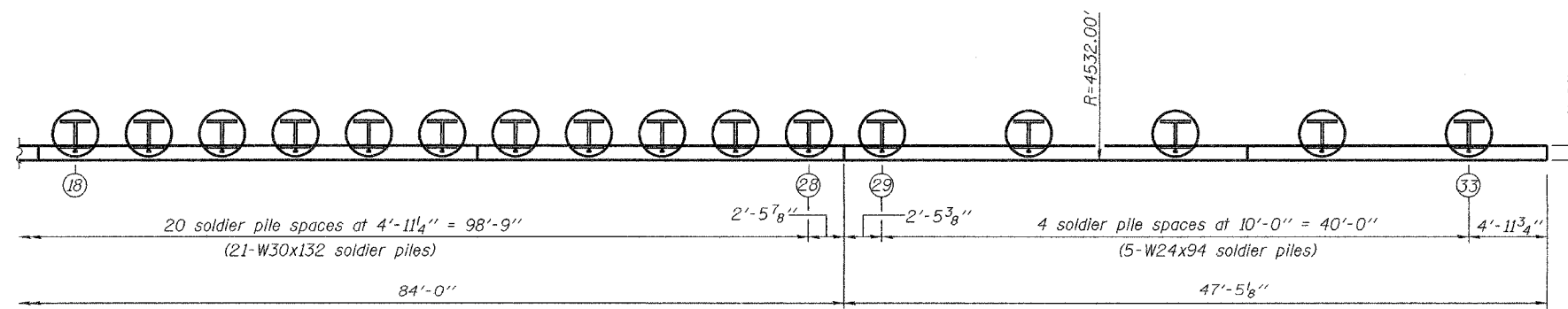
(Looking at front face of wall)
(Looking East)

SOLDIER PILE SUMMARY (PILES 18-33)

Pile #	Station	Offset Lt. (ft.)	Top of Pile Elevation (ft)	**Bottom of Pile Elevation (ft)	Length (ft)	Est. Top of Rock Elevation
18	80+80.03	28.00	502.50	464.80	37.70	473.36
19	80+85.00	28.00	502.50	464.80	37.70	473.64
20	80+89.96	28.00	502.50	464.80	37.70	473.80
21	80+94.96	28.00	502.50	464.80	37.70	473.92
22	80+99.90	28.00	502.50	464.80	37.70	474.04
23	81+04.87	28.00	502.50	464.80	37.70	474.17
24	81+09.84	28.00	502.50	464.80	37.70	474.29
25	81+14.80	28.00	501.62	464.80	36.82	474.41
26	81+19.77	28.00	500.71	464.80	35.91	474.54
27	81+24.74	28.00	499.80	464.80	35.00	474.66
28	81+29.71	28.00	498.89	464.80	34.09	474.78
29	81+34.68	28.00	497.98	470.35	27.63	474.91
30	81+44.74	28.00	496.13	470.35	25.78	475.15
31	81+54.80	28.00	494.29	470.35	23.94	475.40
32	81+64.86	28.00	492.37	473.56	18.81	475.64
33	81+74.92	28.00	490.19	473.56	16.63	475.89

Each shaft shall be excavated to the elevation specified in the table for "Bottom of Pile Elevation". This elevation may be above or below the encountered top of rock elevation. There is no minimum required embedment in rock.

**Bottom of shaft excavation.



PLAN

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Furnishing Soldier Piles (W Section)	Foot	1029
Drilling and Setting Soldier Piles (in Rock)	Cu. Ft.	1386
Drilling and Setting Soldier Piles (in Soil)	Cu. Ft.	4620
Untreated Timber Lagging	Sq. Ft.	2305
Geocomposite Wall Drain	Sq. Yd.	171.3

DESIGNED	DFZ & SMR
CHECKED	MDS & SEM
DRAWN	BECKY M. CURRY
CHECKED	DFZ, SMR & SEM

APR 1 28 2005
EXAMINED *Thomas J. Damgalak*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

SOLDIER PILE WALL
F.A.P. RTE. 315 - SEC. 18RS-2, 19RS-3,
(18BRY & 18BRY-1) BR, 18B-1
FULTON COUNTY
LT. STATION 79+60 to 81+80
STRUCTURE NO. 029-W500