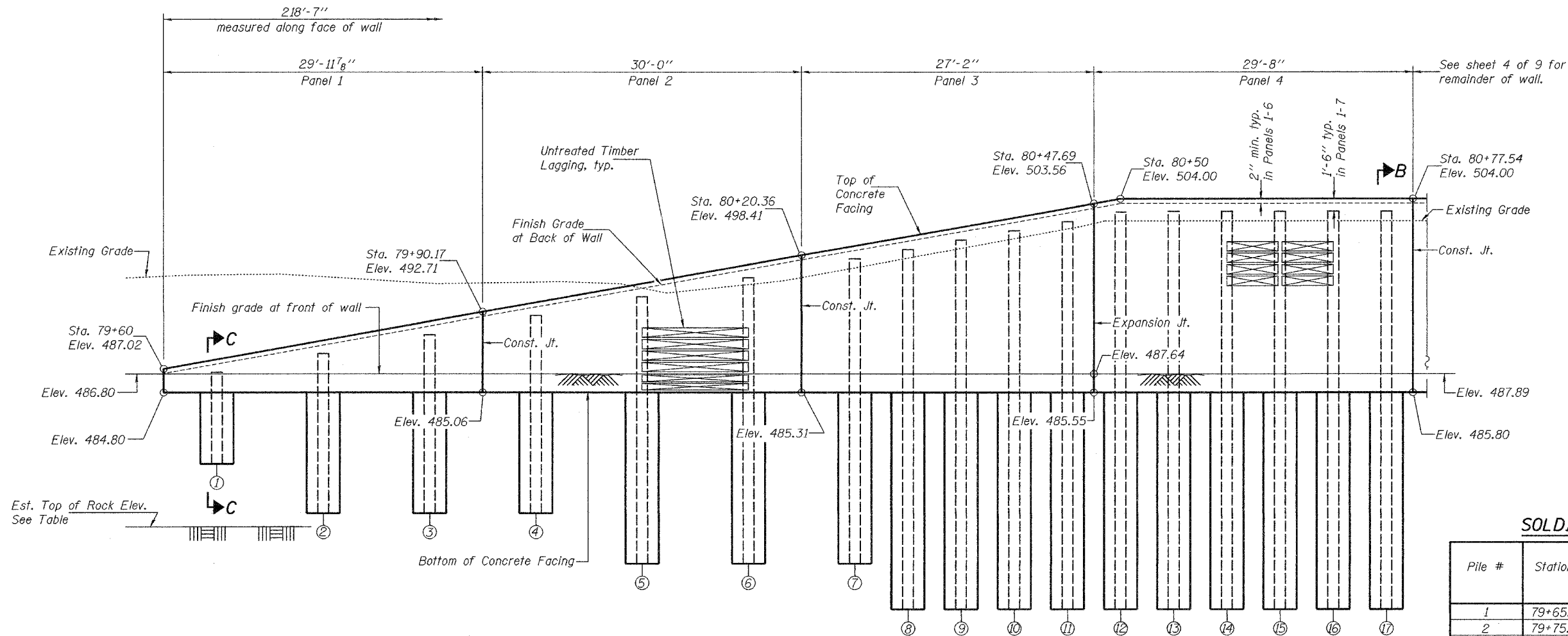


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 315	SECTION #	COUNTY FULTON	TOTAL SHEETS 9	SHEET NO. 3
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

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



Notes:
Where the existing ground line is higher than the finish grade line at back of wall, earth excavation behind the wall (to approximately the finish grade at back of wall) shall be done prior to drilling the shaft excavation.
Where the existing ground line is lower than the finish grade line at back of wall, the shaft excavation shall be drilled prior to placing embankment to the finish grade at back of wall. Embankment shall be placed against the rear face of lagging and compacted within 6 ft. behind the wall with lightweight mechanical tamper, roller or vibratory system to minimize deflection of the soldier piles.

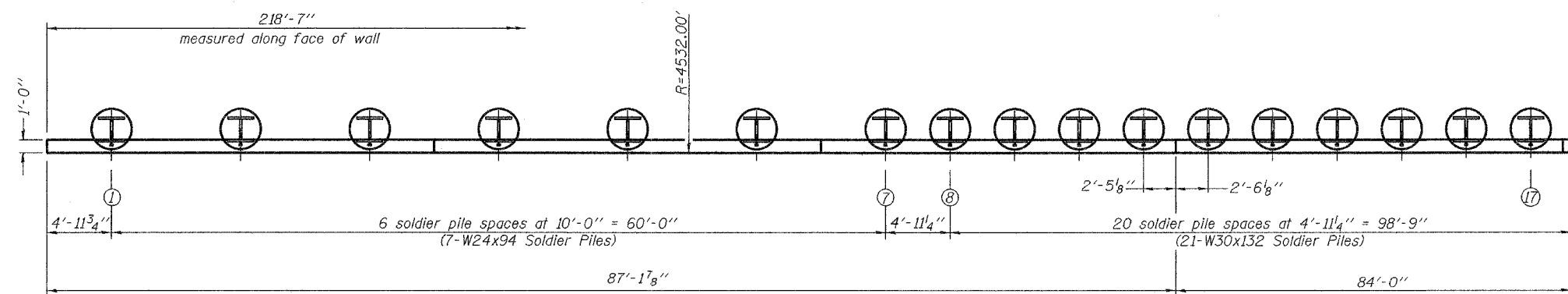
SOLDIER PILE SUMMARY (PILES 1-17)

Pile #	Station	Offset Rt. (ft.)	Top of Pile Elevation (ft)	**Bottom of Pile Elevation (ft)	Length (ft)	Est. Top of Rock Elevation
1	79+65.01	28.0	486.46	477.85	8.61	472.08
2	79+75.07	28.0	488.36	473.20	15.16	472.03
3	79+85.13	28.0	490.25	473.20	17.05	471.98
4	79+95.20	28.0	492.16	473.20	18.96	471.94
5	80+05.26	28.0	494.06	468.45	25.61	471.89
6	80+15.32	28.0	495.96	468.45	27.51	471.84
7	80+25.38	28.0	497.86	468.45	29.41	471.79
8	80+30.35	28.0	498.79	464.80	33.99	471.76
9	80+35.32	28.0	499.73	464.80	34.93	471.74
10	80+40.28	28.0	500.66	464.80	35.86	471.72
11	80+45.25	28.0	501.56	464.80	36.76	471.69
12	80+50.22	28.0	502.50	464.80	37.70	471.67
13	80+55.19	28.0	502.50	464.80	37.70	471.95
14	80+60.16	28.0	502.50	464.80	37.70	472.23
15	80+65.12	28.0	502.50	464.80	37.70	472.51
16	80+70.09	28.0	502.50	464.80	37.70	472.79
17	80+75.06	28.0	502.50	464.80	37.70	473.08

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.

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



PLAN

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

April 28, 2005
EXAMINED *Thomas J. Domagala*
ENGINEER OF BRIDGE DESIGN
PASSED *Ronald E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

Notes:
See sheet 5 of 9 for concrete facing details.
See sheet 6 of 9 for Sections B-B and C-C.
See sheets 6 & 7 of 9 for soldier pile wall details.

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