

### RETAINING WALL - SOIL BORINGS

SEE PRECEDING SHEET FOR WALL DETAILS

**BORING NO. 1**  
STATION: 1104217E  
OFFSET: 12.00  
DATE: 3-22-64

GROUND WATER DATA

DATE	TIME	ELEVATION
3-26-64	ACB	420.60
3-27-64	13 HRS.	419.10

ELEVATION	N	Q	W	DESCRIPTION
436.60				GROUND SURFACE
435.60				STIFF BLACK CLAY TOPSOIL
435				HARD PEBBLY BROWN MOTTLED CLAY TILL
430.60	20			MEDIUM DENSE MEDIUM GRAINED BROWN SANDY LOAM
429.60	26	1704	15	HARD PEBBLY BROWN CLAY TILL
427.30	24	1704	15	HARD PEBBLY BROWN CLAY TILL
425	23	1660	17	HARD PEBBLY BROWN CLAY TILL
422.10	17	1550	16	HARD PEBBLY GRAY-BROWN CLAY TILL
418.60	14	1510	16	VERY STIFF PEBBLY GRAY CLAY
415	15	1520	17	BOTTOM OF BORING

**BORING NO. 2**  
STATION: 1104218D  
OFFSET: 12.00  
DATE: 3-27-64

GROUND WATER DATA

DATE	TIME	ELEVATION
3-27-64	ACB	420.60
3-27-64	13 HRS.	419.10

ELEVATION	N	Q	W	DESCRIPTION
440				GROUND SURFACE
439.30				STIFF BROWN SILTY CLAY TOPSOIL
437.50				VERY STIFF BROWN CLAY
435.30	17	123		HARD PEBBLY BROWN CLAY TILL
432.30	11	24		VERY STIFF BROWN MOTTLED SILTY LOAM
430.30	11	24		VERY STIFF BROWN SILTY CLAY LOAM
427.30	14	24		MEDIUM DENSE BROWN SILTY LOAM
425	12	16		VERY STIFF PEBBLY GRAY CLAY TILL
422.30	10	18	16	HARD PEBBLY GRAY SILTY CLAY TILL
419.80	16	15	16	VERY STIFF PEBBLY GRAY CLAY TILL
415.80	18	14	12	HARD PEBBLY GRAY SILTY CLAY LOAM
414.80	21	15	14	VERY STIFF PEBBLY GRAY CLAY TILL
412.30	25	18	17	MEDIUM DENSE GRAY SANDY CLAY LOAM
410.30	17	23		MEDIUM DENSE COARSE GRAINED GRAY SANDY LOAM
406.30	21	14		VERY STIFF PEBBLY GRAY CLAY TILL
404.80	15	19	15	HARD PEBBLY GRAY CLAY TILL
402.80	32	5	15	BOTTOM OF BORING

**BORING LEGEND:**

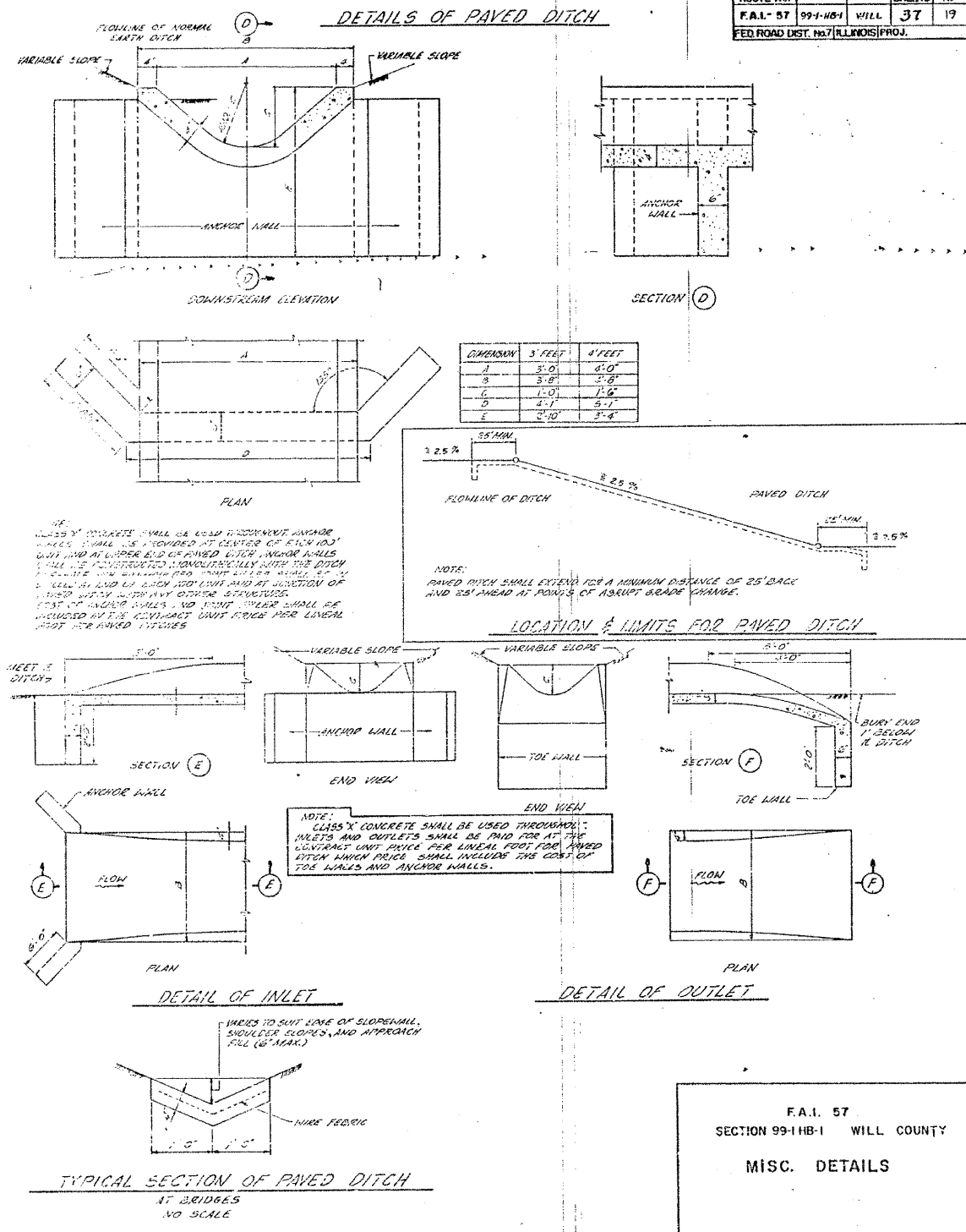
N - STANDARD PENETRATION TEST - BLOWS PER FOOT TO DRIVE A 2" O.D. SPLIT SPOON SAMPLER 12" WITH 140# HAMMER FALLING 30"

QU - UNCONFINED COMPRESSIVE STRENGTH - T/3F

W - WATER CONTENT - PERCENTAGE OF OVEN DRY WEIGHT - %

ACB - AT COMPLETION OF BORING.

TYPE FAILURE:  
B - BULGE FAILURE  
S - SHEAR FAILURE  
E - ESTIMATED VALUE



**FOR INFORMATION ONLY**