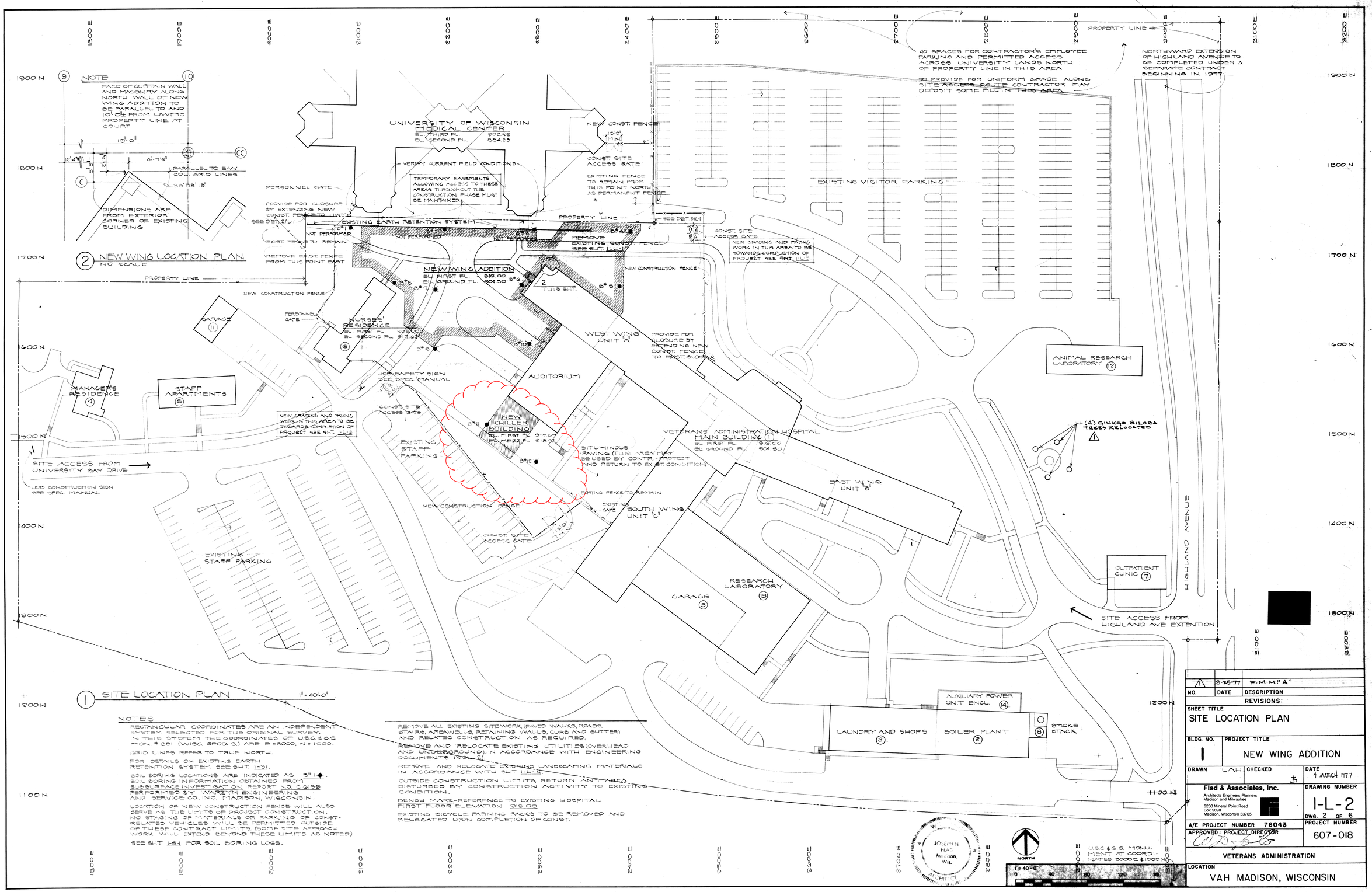


NOTES

RECTANGULAR COORDINATES ARE AN INDEPENDENT SYSTEM SELECTED FOR THE ORIGINAL SURVEY. IN THIS SYSTEM THE COORDINATES OF U.S.C. & G.S. MON. # 28. (WISC. GEOD. 3.) ARE E = 3000, N = 1000.

GRID LINES REFER TO TRUE NORTH.

FOR DETAILS ON EXISTING EARTH RETENTION SYSTEM SEE SHT. 1-S1.

SOIL BORING LOCATIONS ARE INDICATED AS B# 1 ◆. SOIL BORING INFORMATION OBTAINED FROM SUBSURFACE INVESTIGATION REPORT NO. 6639 PERFORMED BY WARZYN ENGINEERING AND SERVICE CO. INC. MADISON, WISCONSIN.

LOCATION OF NEW CONSTRUCTION FENCE WILL ALSO SERVE AS THE LIMITS OF PROJECT CONSTRUCTION. NO STAGING OF MATERIALS OR PARKING OF CONST. RELATED VEHICLES WILL BE PERMITTED OUTSIDE OF THESE CONTRACT LIMITS. (SOME SITE APPROACH WORK WILL EXTEND BEYOND THESE LIMITS AS NOTED)

SEE SHT. 1-S1 FOR SOIL BORING LOGS.

REMOVE ALL EXISTING SITEWORK (PAVED WALKS, ROADS, STAIRS, AREAWELLS, RETAINING WALLS, CURB, AND GUTTER) AND RELATED CONSTRUCTION AS REQUIRED.

REMOVE AND RELOCATE EXISTING UTILITIES (OVERHEAD AND UNDERGROUND), IN ACCORDANCE WITH ENGINEERING DOCUMENTS (VOL. 2).

REMOVE AND RELOCATE EXISTING LANDSCAPING MATERIALS IN ACCORDANCE WITH SHT. 1-L-2.

OUTSIDE CONSTRUCTION LIMITS, RETURN ANY AREA DISTURBED BY CONSTRUCTION ACTIVITY TO EXISTING CONDITION.

BENCH MARK-REFERENCE TO EXISTING HOSPITAL FIRST FLOOR ELEVATION 916.00

EXISTING BICYCLE PARKING RACKS TO BE REMOVED AND RELOCATED UPON COMPLETION OF CONST.

NO.	DATE	DESCRIPTION
1	8-25-77	E.M.M. "A"

REVISIONS:

SHEET TITLE: SITE LOCATION PLAN

BLDG. NO.: 1

PROJECT TITLE: NEW WING ADDITION

DRAWN: LAH | CHECKED: JH | DATE: 4 MARCH 1977

Flad & Associates, Inc.
Architects Engineers Planners
Madison and Milwaukee
5200 Mineral Point Road
Box 5098
Madison, Wisconsin 53705

DRAWING NUMBER: 1-L-2
DWG. 2 OF 6

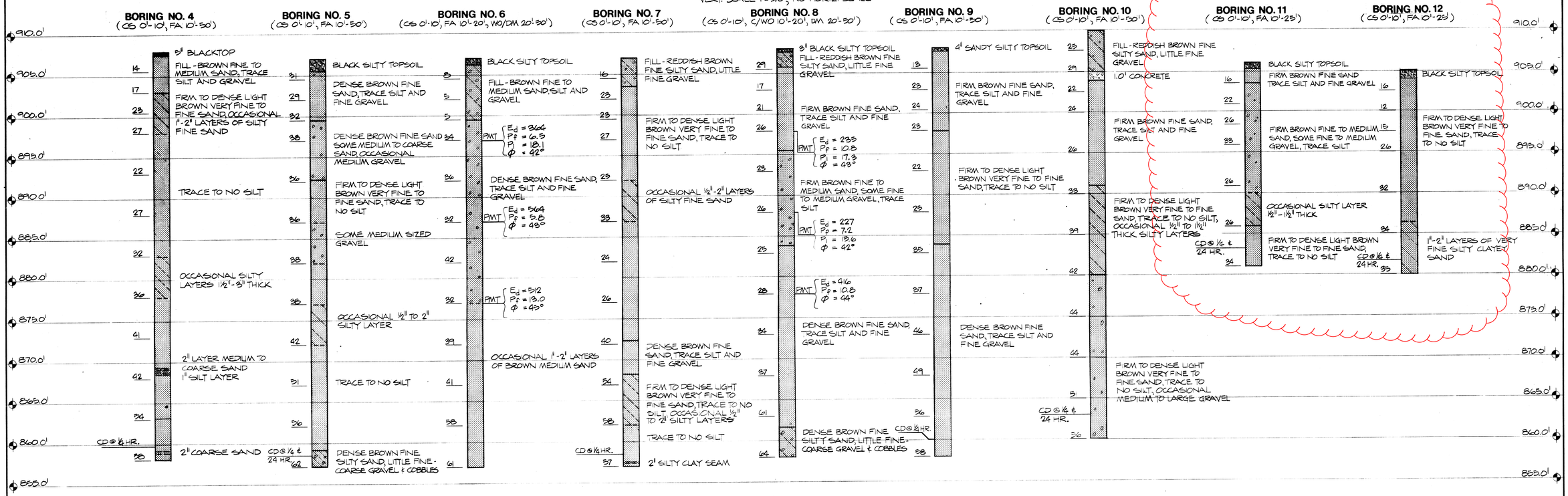
A/E PROJECT NUMBER: 76043
APPROVED: PROJECT DIRECTOR
PROJECT NUMBER: 607-018

VETERANS ADMINISTRATION

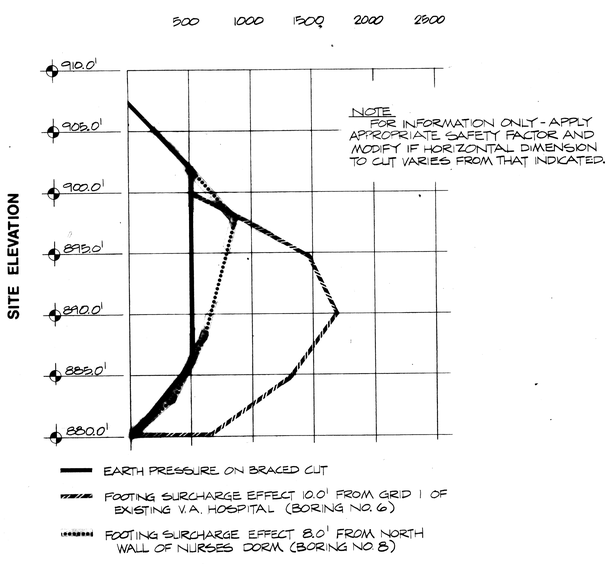
LOCATION: VAH MADISON, WISCONSIN

LOG OF BORINGS

VERT. SCALE 1"=5.0', NO HORIZ. SCALE



LATERAL PRESSURES AT EARTH RETENTION SYSTEM



DRILLING AND SAMPLING SYMBOLS

C — CASING
CS — CONTINUOUS SAMPLING
WO — WASHED OUT
DM — DRILLING MUD
FA — FLIGHT AUGER
SS — 2" DIAMETER SPLIT-BARREL SAMPLER
PMT — BOREHOLE PRESSUREMETER TEST
CD — CAVED AND DRY AT TIME SHOWN

RELATIVE PROPORTIONS OF COHESIONLESS SOILS

PROPORTIONAL TERM	DEFINING RANGE BY PERCENTAGE OF WEIGHT
TRACE	0% – 5%
LITTLE	5% – 15%
SOME	15% – 35%
AND	35% – 50%

BORING NO. 6 & 8 BOREHOLE PRESSUREMETER TESTS

(PERFORMED ON 9/30 & 10/1/75 USING GEOPROBE SYSTEM)

E_d = MODULUS OF DEFORMATION, TONS PER SQ. FT.
P_f = CREEP PRESSURE, TONS PER SQ. FT.
P_l = LIMIT PRESSURE, TONS PER SQ. FT.
ϕ = ANGLE OF INTERNAL FRICTION

DESCRIPTIVE SOIL CLASSIFICATION

GRAIN SIZE TERMINOLOGY

SOIL FRACTION	PARTICLE SIZE	U.S STANDARD SIEVE SIZE
BOULDERS	LARGER THAN 12"	LARGER THAN 12"
COBBLES	3" TO 12"	3" TO 12"
GRAVEL		
COARSE	¾" TO 3"	¾" TO 3"
FINE	4.76 mm TO ¾"	#4 TO ¾"
SAND		
COARSE	2.00 mm TO 4.76 mm	#10 TO #4
MEDIUM	0.42 mm TO 2.00 mm	#40 TO #10
FINE	0.074 mm TO 0.42 mm	#200 TO #40
SILT	0.005 mm TO 0.074 mm	SMALLER THAN #200
CLAY	SMALLER THAN 0.005 mm	SMALLER THAN #200

PLASTICITY CHARACTERISTICS DIFFERENTIATE BETWEEN SILT AND CLAY.

NOTES

1. FIELDWORK PERFORMED BETWEEN 9/30 AND 10/3/75.
2. FIGURES TO LEFT OF EACH BORING INDICATE STANDARD (ASTM D 1586) BLOW COUNT PER FOOT OF PENETRATION OF A SS DRIVEN WITH A 140 LB. WEIGHT FALLING 30".
3. NO WATER WAS ENCOUNTERED.
4. INFORMATION SHOWN IS FROM WARZYN ENGINEERING AND SERVICE COMPANY, INC. REPORT C-6139 DATED OCTOBER 27, 1975.
5. FOR BORING LOCATIONS, SEE DRAWING L-2.
6. BORING NUMBERS 1, 2 & 3 WERE NOT TAKEN.

WISCONSIN DENNIS P. McMILLEN E-10812 Madison WI PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION

REVISIONS:

SHEET TITLE: BORING LOGS

BLDG. NO.: 1

PROJECT TITLE: NEW WING ADDITION

DRAWN: RBV | CHECKED: WCA | DATE: 3-4-77

Flad & Associates, Inc.
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DRAWING NUMBER: 1-S-1
DWG. 1 OF 25

A/E PROJECT NUMBER 76043
APPROVED: PROJECT DIRECTOR
PROJECT NUMBER 607-018

VETERANS ADMINISTRATION

LOCATION: VAH MADISON, WISCONSIN