

SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	q_c	SPT	FAILURE MODE	SAMPLE NUMBER	DEPTH	ELEVATION	WATER TABLE	TEST PILE NO.
STA.: _____ LOCATION: _____ TYPE OF PILE: _____ TYPE OF HAMMER: _____ RATED ENERGY: _____ FT. LBS. DATE OF DRIVING: _____												
[Grid for data entry]												
BORING NO.	STA.		DRIVING RESISTANCE (TONS)									
DATE MADE:	LOCATION:											

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PROJECT NO.	SHEET

MATERIAL:
 CL. = Clay
 CONC. = Concrete
 GRAY. = Gravel
 I.O. = Iron Ore
 LIG. = Lignite
 N.P. = Non-Plastic
 ORG. = Organic
 PT. = Peat
 RT. = Roots
 SA. = Sand
 SH. = Shell
 SI. = Silt
 VEG. = Vegetation
 WD. = Wood

COLOR:
 BR. = Brown
 BK. = Black
 BL. = Blue
 GR. = Gray
 GN. = Green
 PK. = Pink
 RD. = Red
 WH. = White
 YE. = Yellow

STRUCTURE:
 ALT. = Alternating
 LAM. = Laminated
 LEN. = Lens
 LVR. = Layer
 MOT. = Mottled
 PKT. = Pocket
 STK. = Streak
 STR. = Strata
 TRA. = Trace

TEXTURE:
 CO. = Course
 FL. = Fine
 MED. = Medium

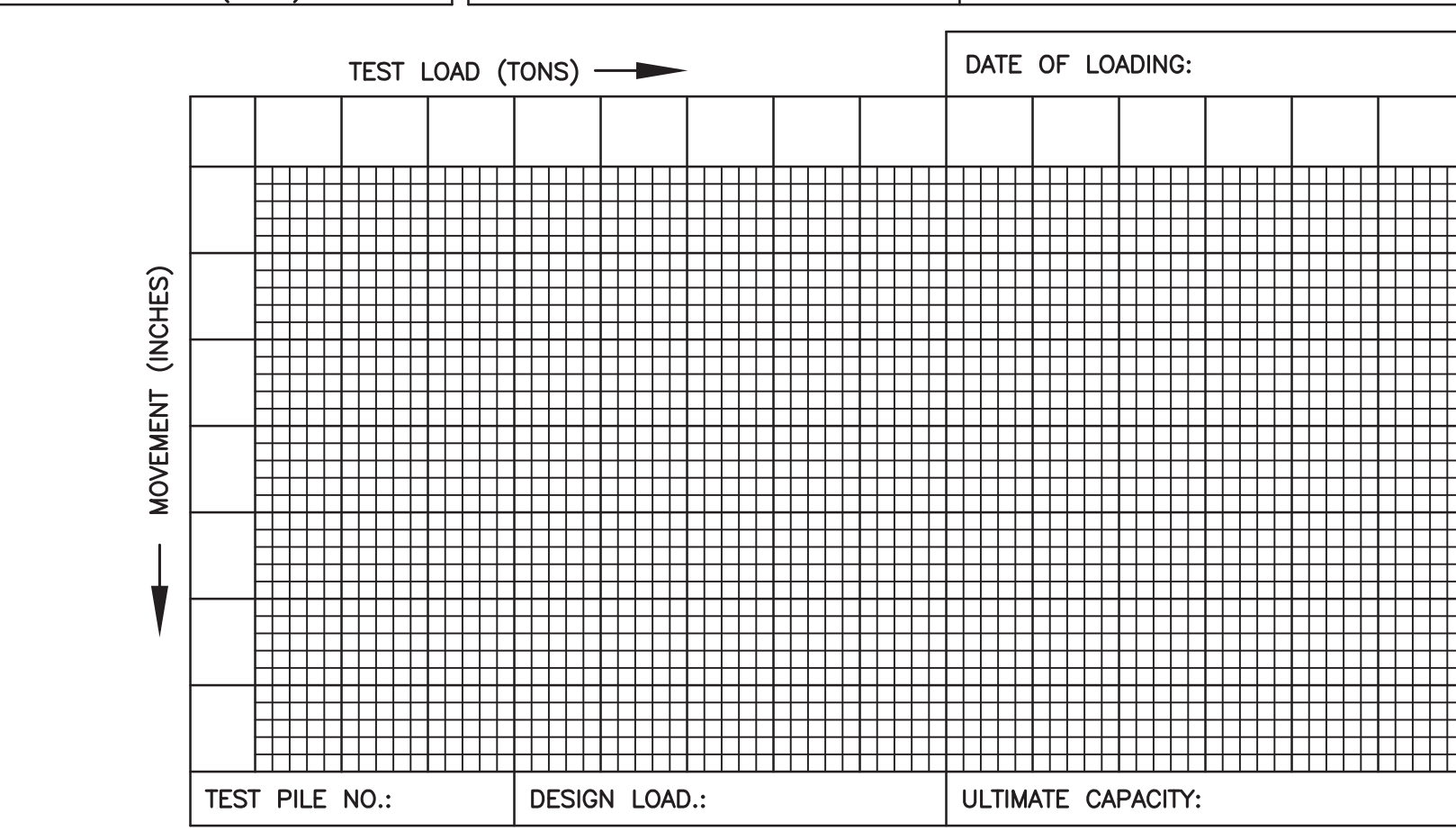
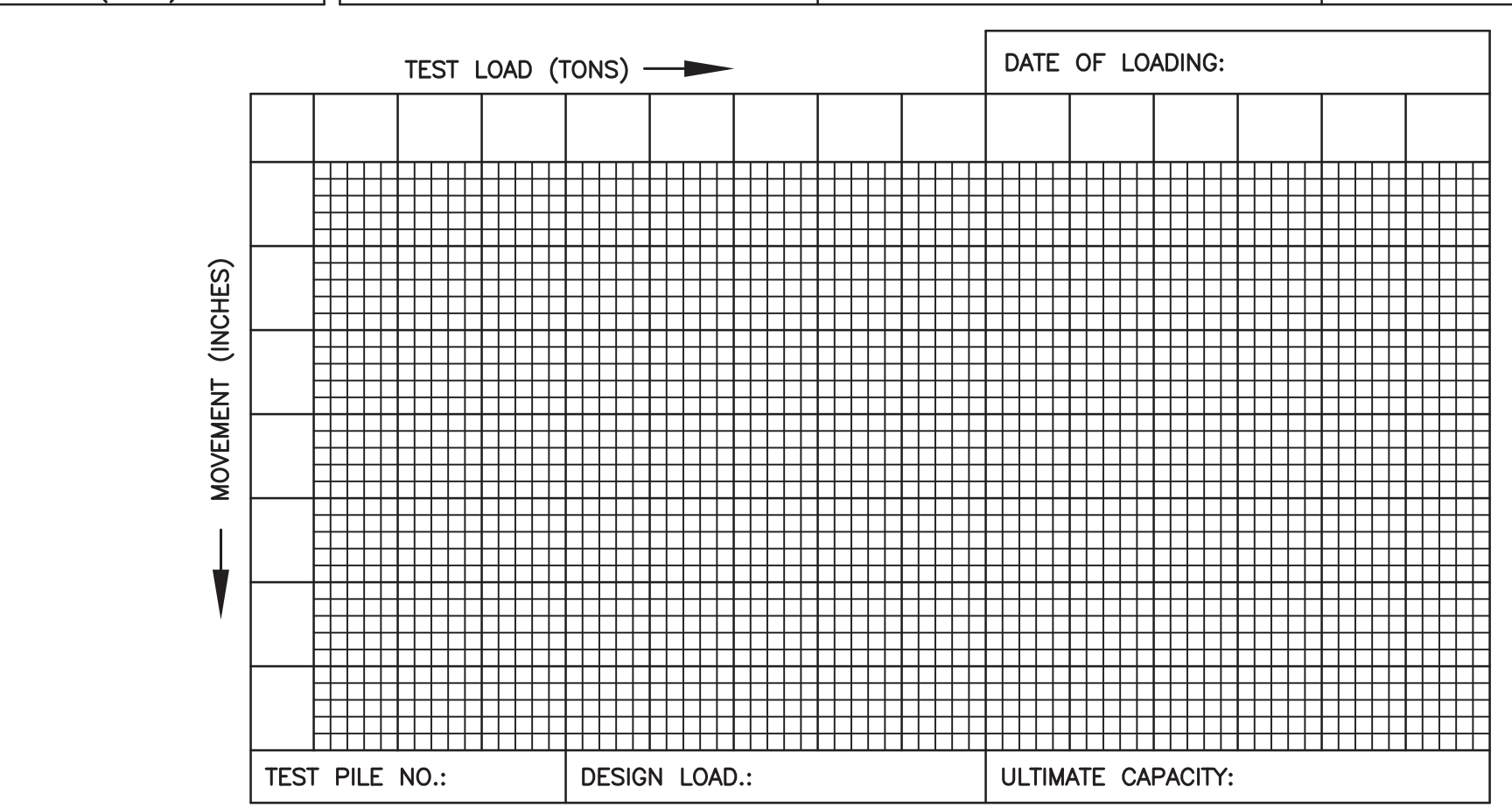
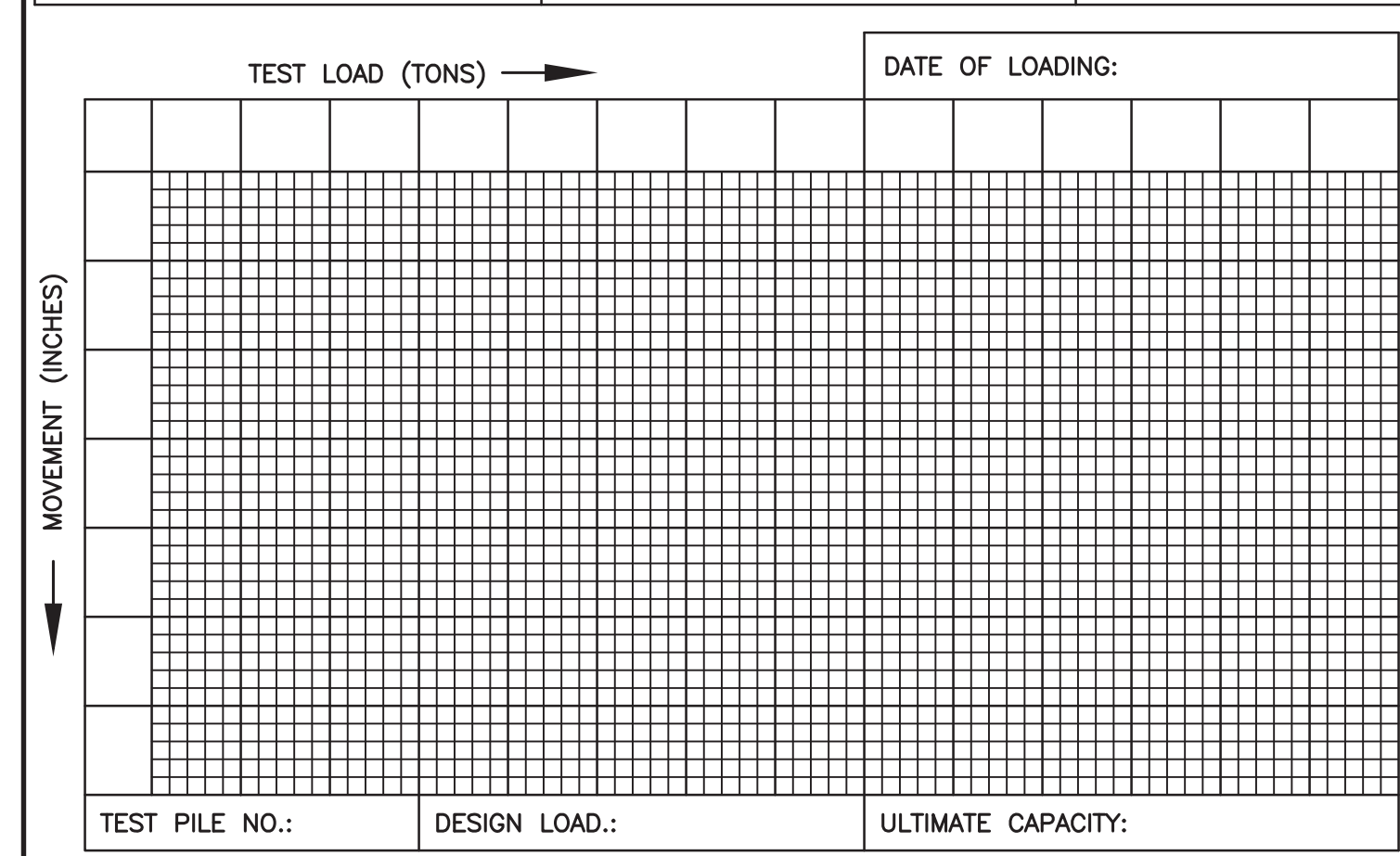
FAILURE MODE:
 M.S. = Multiple Shear
 SL. = Slump
 S/S = Slickensides
 V.S. = Vertical Shear
 YLD. = Yield
 60'S. = Shear Angle

SOIL PROPERTIES:
 WET DENSITY = Wet density of in-place soil, (pounds per cu. ft.)
 MOISTURE CONTENT = Moisture Content of in-place soil, expressed as percentage of the dry weight of the soil, (%)
 LIQUID LIMIT & PLASTICITY INDEX = Atterberg limits and indices, DOTD TR 428, (%)
 SPT = Standard Penetration Test, AASHTO T 208, number of blows (N) per foot of penetration, unless amount of penetration is shown otherwise
 UU = Unconsolidated Undrained triaxial test, AASHTO T 234, compressive strength (tons per sq. ft.) of one specimen confined at noted pressure (pounds per sq. in.)
 C = Soil cohesion (pounds per sq. ft.)
 ϕ = Soil angle of internal friction (degrees)
 Δ = Unconsolidated Undrained triaxial test, AASHTO T 234, three specimens, (c- ϕ)
 * = Consolidated drained direct shear test, AASHTO T 236, (c- ϕ)
 # = Pocket penetrometer strength, (tons per sq. ft.)

MISCELLANEOUS:
 C-3 = Location and identification of thin-walled tube sample, AASHTO T 207
 C-3 = Location and identification of thin-walled tube sample, AASHTO T 207, with a portion of the sample saved for consolidation testing
 D-3 = Location and identification of SPT sample, AASHTO T 208
 N.C. = No Cull, no preliminary 6 in. driving prior to securing SPT data
 NO PEN. = No penetration, unable to drive split spoon sampler initial 6 inches of the Standard Penetration Test.
 NO RECV. = No recovery, unable to recover sample for testing or classification.
 DIST. = Disturbed sample recovered with thin-walled tube sampler.
 24 HRS. = Water table depth below ground surface recorded at noted time after completion of bore hole.
 \odot = SOIL TYPE nomenclature is based on ASTM D 2487

SOIL	DESIGNATION	"N" (blows per ft.)	Approximate "qu" (tons per sq. ft.)
SAND AND SILT	VERY LOOSE	4-10	LESS THAN 4
	MEDIUM DENSE	10-30	4-10
	VERY DENSE	30-50	10-30
CLAY	VERY SOFT	2-4	LESS THAN 0.25
	MEDIUM STIFF	4-8	0.25-0.50
	VERY STIFF	8-15	0.50-1.00
	HARD	15-30	1.00-2.00
		OVER 30	2.00-4.00

LOCATION (BENT)	STATION	PLAN TIP ELEV.	CUT-OFF ELEV.	PLAN PILE LENGTH	ORDER LENGTH	AS BUILT TIP ELEV.		
						MAX. ELEV.	MIN. ELEV.	AVG. ELEV.



STATE OF LOUISIANA
 THOMAS A. STEPHENS
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 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
Thomas A. Stephens
 2/16/2008

STANDARD PLAN NO. 605-02	DATED February 8, 2008	SHEET NO. 1 OF 1
SOIL BORING LOGS AND TEST PILES		
ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE		
DESIGNED R. ELLIS	DRAWN G. VANNICE	CHECKED R. ELLIS
		APPROVED T. STEPHENS