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- MATERIAL:**  
 CL = Clay  
 CONC. = Concrete  
 GRAV. = Gravel  
 I.O. = Iron Ore  
 L.G. = 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  
 LYR. = 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. (%)
  - q<sub>u</sub> = Unconfined compressive strength, AASHTO T 208. (tons per sq. ft.)
  - 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.)

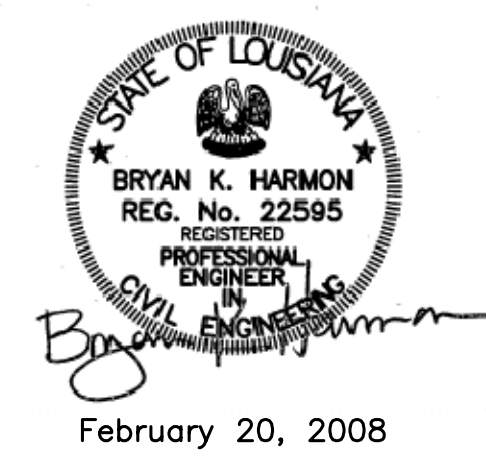
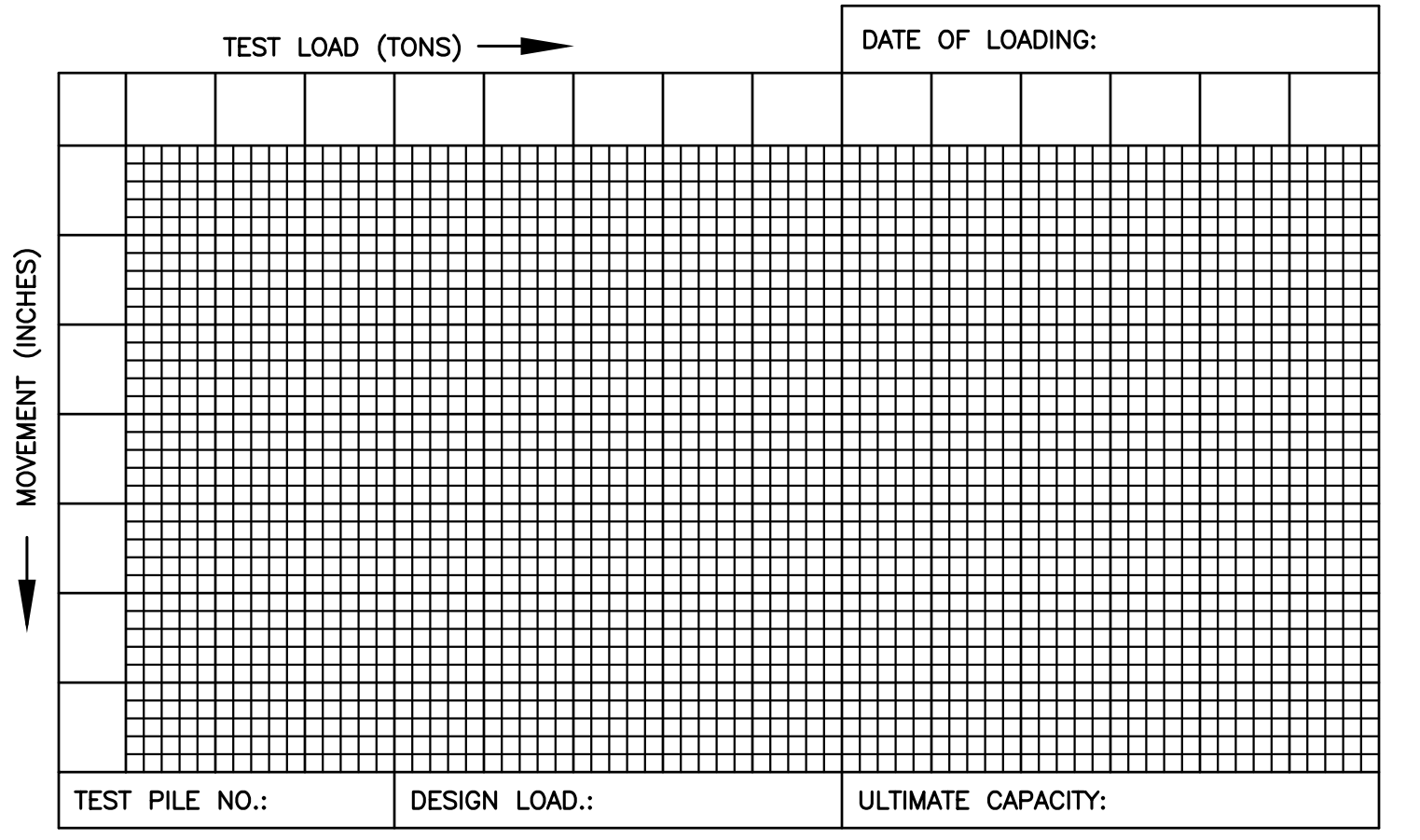
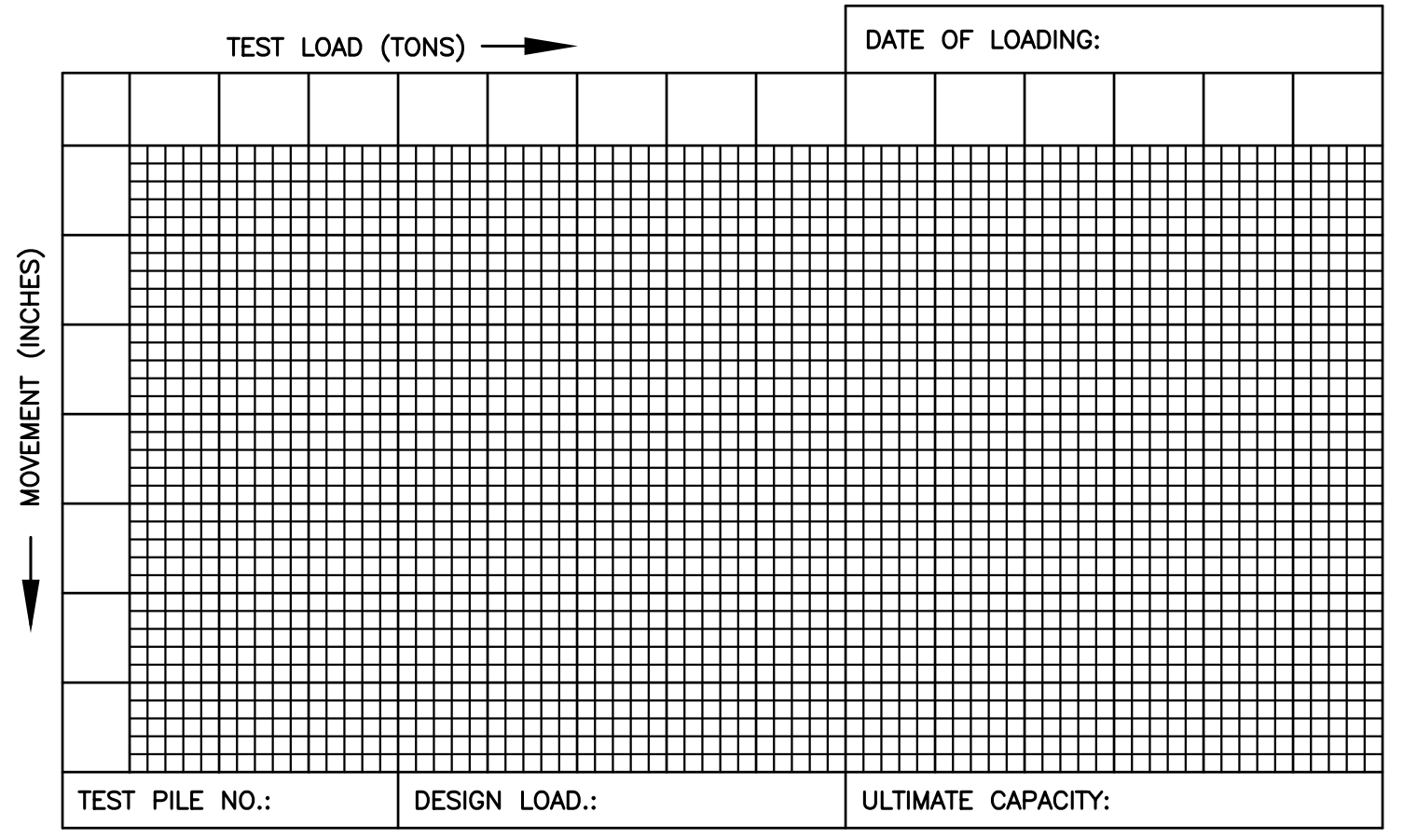
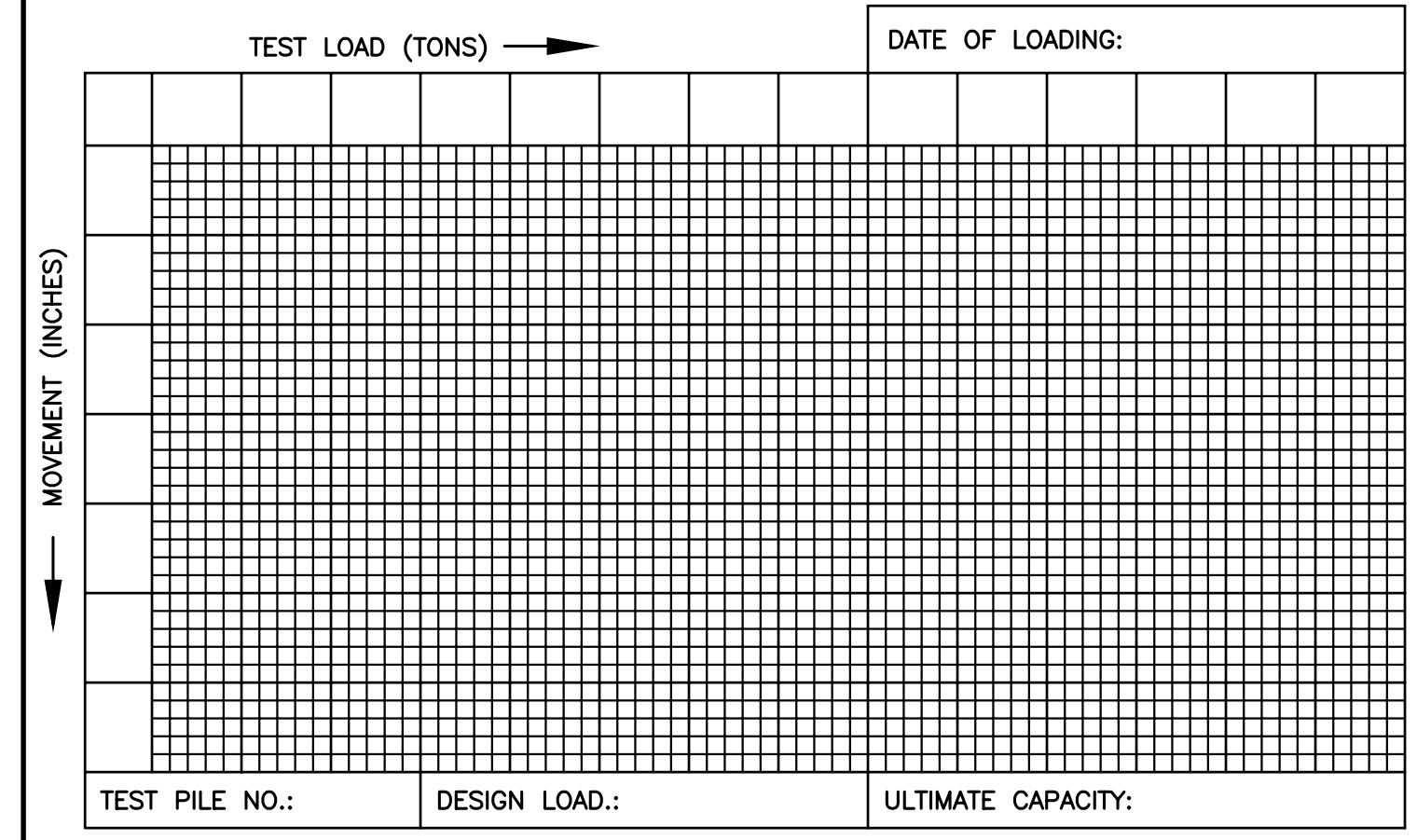
- MISCELLANEOUS:**
- ⊖ = Location and identification of thin-walled tube sample, AASHTO T 207
  - ⊖-3 = Location and identification of thin-walled tube sample, AASHTO T 207, with a portion of the sample saved for consolidation testing
  - ⊖-3 = Location and identification of SPT sample, AASHTO T 206
  - 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.
  - ⊗ = SOIL TYPE nomenclature is based on ASTM D 2487

**CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES**

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

**PILE DATA (FEET)**

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



STANDARD PLAN NO. 605-02	DATED February 8, 2008	SHEET NO. 1 OF 1
<b>SOIL BORING LOGS AND TEST PILES</b>		
ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE		
DESIGNED R. ELLIS	DRAWN G. VANNICE	CHECKED R. ELLIS
DATE	DESCRIPTION	BY