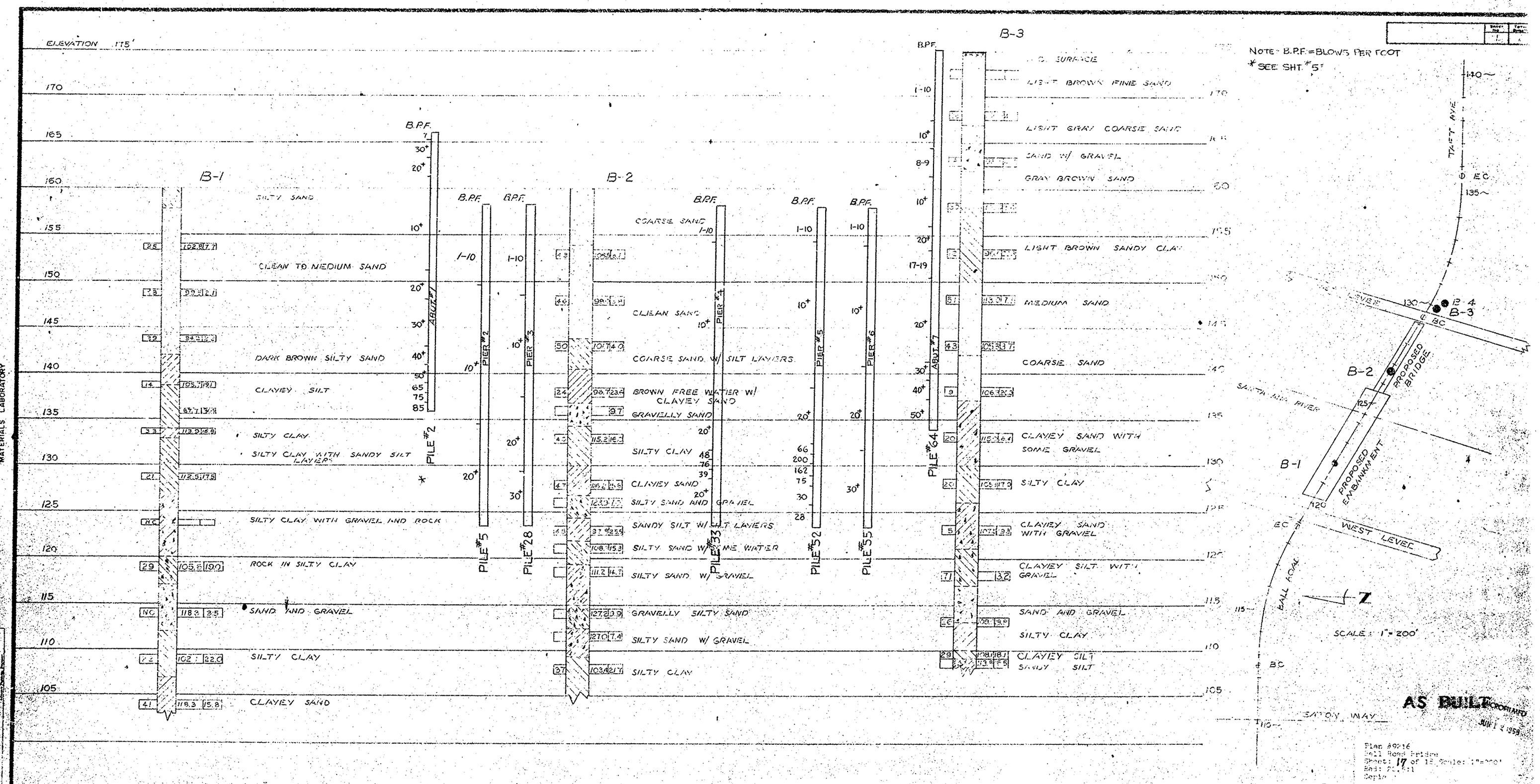
EXACT® EXACT LEVEL & TOOL CO. INC. PORTLAND, OREGON U.S.A. STRAIGHT EDGE RULE SE-4



NOTE: B.P.F. = BLOWS PER FOOT
*SEE SHT. #5

AS BUILT INCORPORATED JUN 12 1959

Plan 80216
Ball Road Bridge
Sheet: 17 of 19 Scale: 1"=200'
Bdg: 7-1-11
Serie

MATERIALS LABORATORY

DRAWN
CHECKED

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

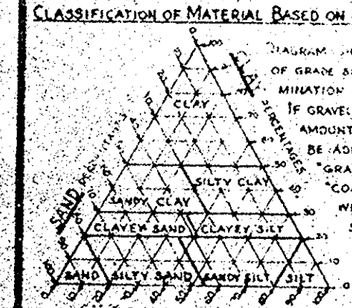


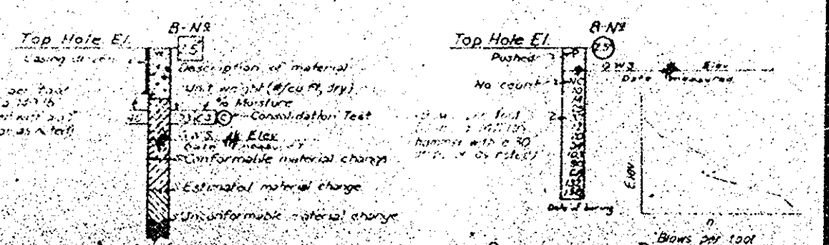
DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN ESTIMATION OF CLASS NAMES. IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

- GRAVEL
- SAND
- SILT
- CLAY
- SANDY CLAY OR CLAYEY SAND
- SANDY SILT OR SILTY SAND
- SILTY CLAY OR CLAYEY SILT
- PEAT AND ORGANIC MATTER
- FILL MATERIAL
- IGNEOUS ROCK
- SEDIMENTARY ROCK
- METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2¼" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT



NOTES

The contractor's attention is directed to Section 2-1.03 of the Standard Specifications and to the Special Provisions accompanying this set of plans.
Classification of earth material as shown on this sheet is based upon mechanical analysis

ORANGE COUNTY ROAD DEPARTMENT

BALL ROAD BRIDGE ACROSS SANTA ANA RIVER

LOG OF TEST BORINGS

SCALE	BRIDGE SA-12	FILE	DRAWING 17 OF 19