

5058 Brush Creek Road
Fort Worth, Texas 76119
Geotechnical I Construction Materials I Environmental
www.alphatesting.com
TBPE Firm No. 813

MATERIAL DESCRIPTION: Light Brown Clay with Rock

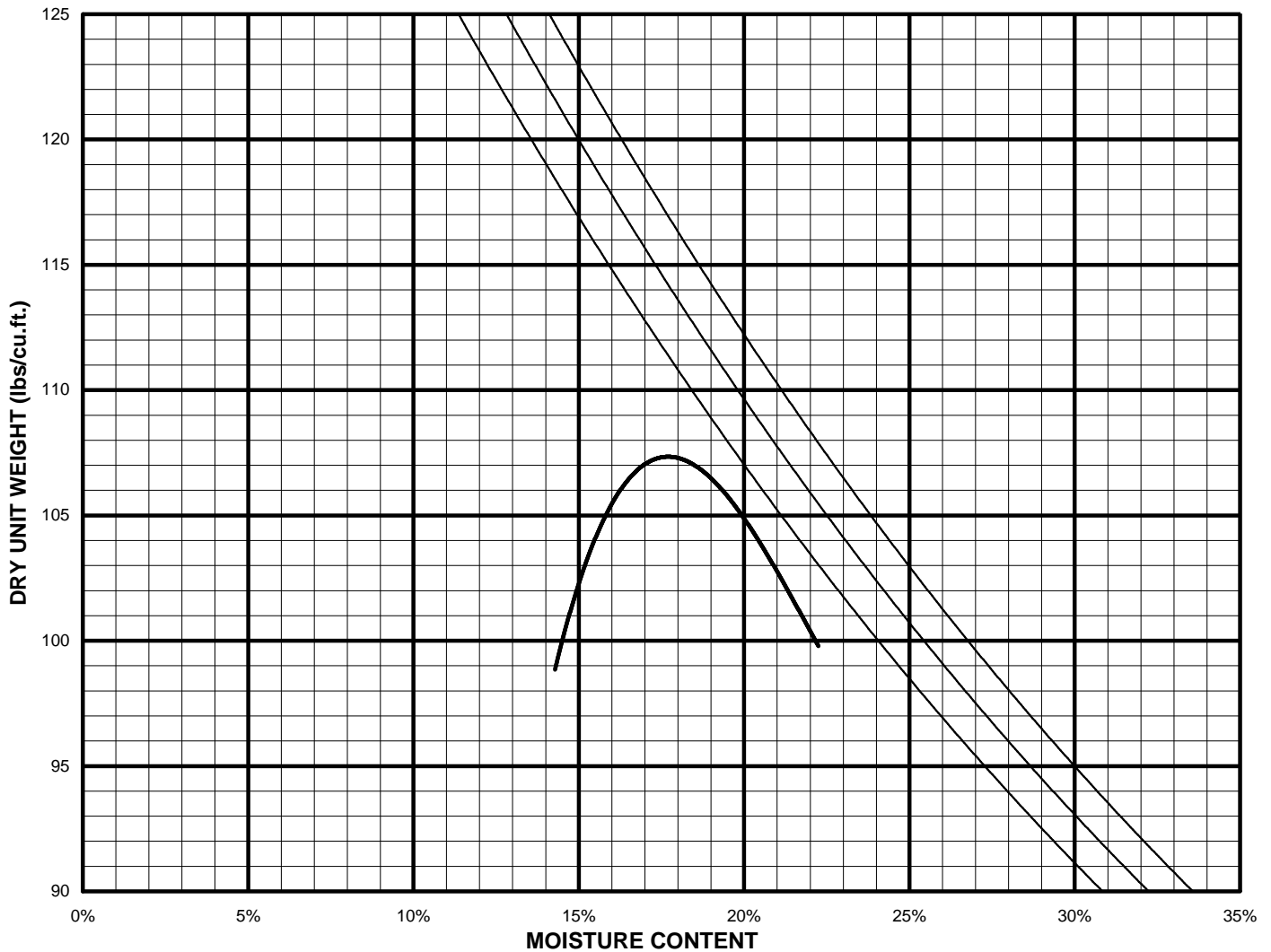
CLASSIFICATION: (CH)
SAMPLE LOCATION: Sidewalk Subgrade at Concession

TESTED FOR: Cleburne ISD
Cleburne, Texas

TEST METHOD: ASTM D698-A
SOIL ID NUMBER: 1
MAXIMUM DRY UNIT WEIGHT: 107.3 PCF
OPTIMUM MOISTURE CONTENT: 17.6 %
LIQUID LIMIT: 50
PLASTIC LIMIT: 21
PLASTICITY INDEX: 29
% FINER THAN NO. 200 SIEVE: 58%

PROJECT: Wheat Middle School Concession Building
Cleburne, Texas

MOISTURE DENSITY RELATIONSHIP



Respectfully Submitted,

Tim Begole
ALPHA TESTING, INC.

ASTM D2487

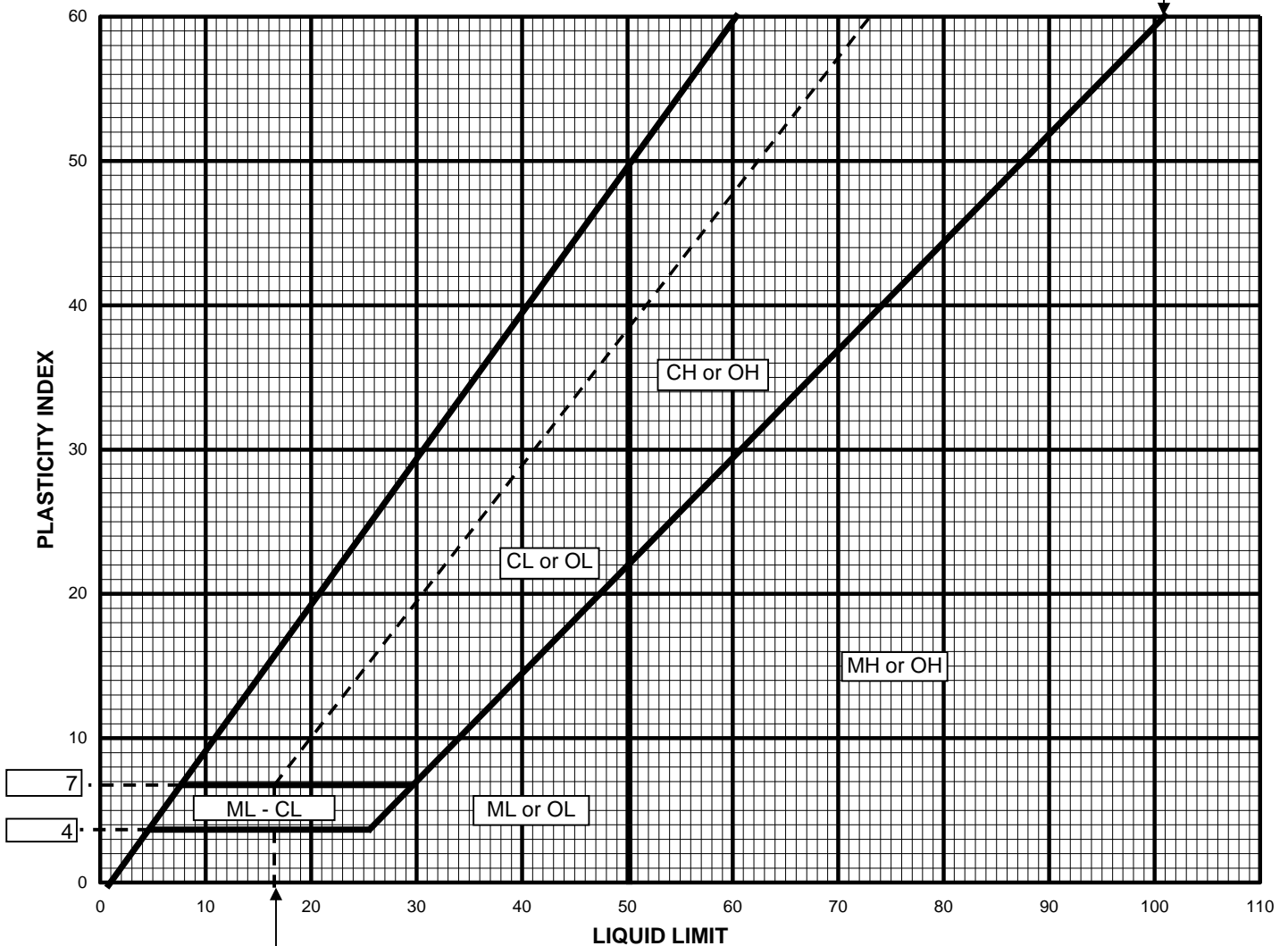
For Classification of fine - grained soils
 and fine - grained fraction of coarse - grained
 soils.

Equation of "A" - Line
 Horizontal at PI = 4 to LL = 25.5,
 then $PI = 0.73 (LL - 20)$

Equation of "U" - Line
 Vertical at LL = 16 to PI = 7,
 then $PI = 0.9 (LL - 8)$

"A" Line

Classification Chart



"U" Line (unit 16)

Respectfully Submitted,

Tim Begole Sr.
 ALPHA TESTING, INC.