

Grover Hollingsworth and Associates, Inc.

January 12, 2018
GH17563-G

A and T Development LLC
c/o Pacific Crest Consultants
23622 Calabasas Road, #100
Calabasas, California 91302

Subject: Revised Geologic Maps with No Utility Zones, Proposed Private Street 1437 for Access to 1830 N. Blue Heights Drive, PT NE 1/4 Sec 7, T1S, R14W (Arb 23); 1830 N. Blue Heights Drive, Los Angeles, California.

Reference: Reports by Grover-Hollingsworth and Associates, Inc.: Geologic and Soils Engineering Exploration, Proposed Single-Family Dwelling, Swimming Pool and Retaining Walls, dated August 4, 2016; Response to City Correction Letter and Revised Basement Wall Designs, Proposed Residential Development, dated November 15, 2016; Geologic and Soils Engineering Exploration, Proposed Private Street 1437, dated April 20, 2017; and Additional Response to City of Los Angeles Review Letters, Proposed Private Street 1437 for Access to 1830 N. Blue Heights Drive.

City of Los Angeles: Correction Letter, dated September 13, 2016 (Log #94559); Approval Letter, dated December 14, 2016 (Log #94559-01); and Review Letter, dated May 18, 2017 (Log #97204).

City of Los Angeles, Department of Public Works, Bureau of Engineering, Geotechnical Review Letter, dated August 8, 2017.

Gentlemen:

As requested we have revised the No Utility Zones on our geologic maps. The No Utility Zones extend from the toe of the soil nail wall, up the slope, to a point 5 horizontal feet beyond the ends of the soil sails.

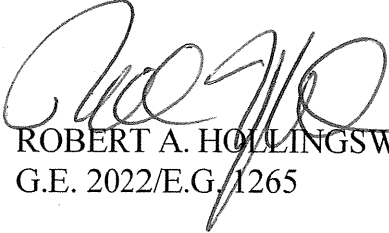
Engineering Geology

Geotechnical Engineering

31129 Via Colinas, Suite 707, Westlake Village, California 91362 • (818) 889-0844 • (FAX) 889-4170

Should you have any questions, please call.

Respectfully submitted,



ROBERT A. HOLLINGSWORTH
G.E. 2022/E.G. 1265



RAH:dl

Enc: Geologic Map 1 (pocket)
Geologic Map 2 (pocket)

xc: (1) Addressee (c/o Steve Byrne)
(1) Steve Byrne via email
(1) Ameen Ayoub
(1) Ameen Ayoub via email
(4) Pacific Crest Consultants (Attention: Penny Flinn)

APN: 5558-015-019

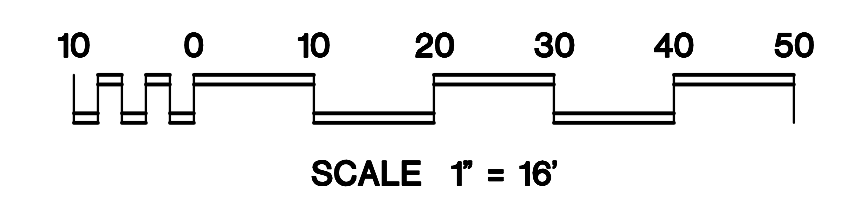
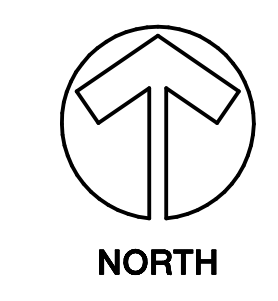


LEGEND

- TP-1 NUMBER AND APPROXIMATE LOCATION OF TEST PIT BY GROVER-HOLLINGSWORTH
- 45 STRIKE AND DIP OF FOLIATION PLANE
- 32 STRIKE AND DIP OF JOINT PLANE
- STRIKE OF VERTICAL JOINT PLANE
- 18 STRIKE AND DIP OF VEIN
- Kg CRETACEOUS GRANITE
- 80 APPROXIMATE LOCATION OF FAULT AND DIP
- APPROXIMATE GEOLOGIC CONTACT
- EXTENTS OF PROPOSED BASEMENT
- EXTENTS OF PROPOSED FIRST FLOOR
- EXTENTS OF PROPOSED SECOND FLOOR
- PROPOSED PRIVATE STREET NO. 1437
- PROPOSED LIMITS OF NAIL WALL

NOTE ON TOPOGRAPHY













CONTOURS UPSLOPE OF BLUE HEIGHTS DRIVE ARE DISPLAYED AT 1 FOOT INTERVALS
 CONTOURS DOWNSLOPE OF BLUE HEIGHTS DRIVE ARE DISPLAYED AT 2 FOOT INTERVALS

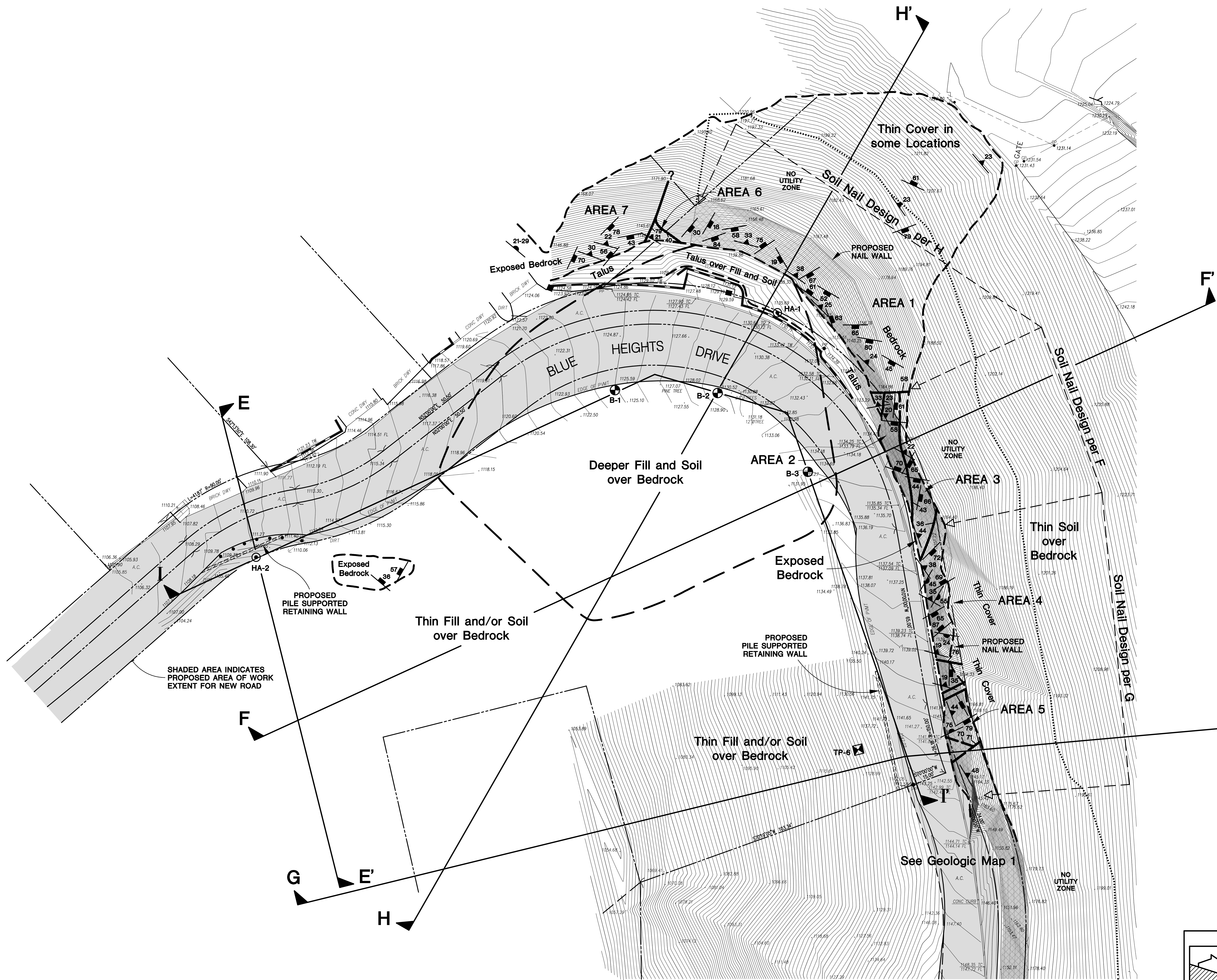


1830 N. Blue Heights Drive Los Angeles, California GEOLOGIC MAP 1

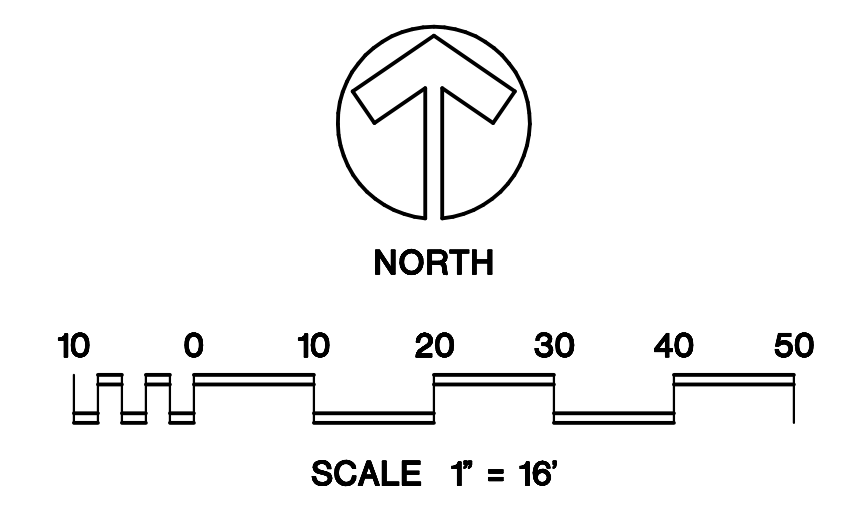
Grover-Hollingsworth and Associates, Inc. Geotechnical Consultants			
REV. 10-2017			
BY MEL	DATE 07-2016	CLIENT A&T DEVELOPMENT, LLC	
REF. SURVEY BY M&G	GH 17563-G		
CIVIL ENGINEERING	SUBJECT GEOLOGIC MAP 1		

LEGEND

-  TP-1 NUMBER AND APPROXIMATE LOCATION OF TEST PIT BY GROVER-HOLLINGSWORTH
-  B-1 NUMBER AND APPROXIMATE LOCATION OF 8 INCH DIAMETER HOLLOW STEM BORING
-  HA-1 NUMBER AND APPROXIMATE LOCATION OF BORING BY HAND AUGER
-  45 STRIKE AND DIP OF FOLIATION PLANE
-  32 STRIKE AND DIP OF JOINT PLANE
-  STRIKE OF VERTICAL JOINT PLANE
-  18 STRIKE AND DIP OF VEIN
-  Kg CRETACEOUS GRANITE
-  80 APPROXIMATE LOCATION OF FAULT AND DIP
-  APPROXIMATE GEOLOGIC CONTACT
-  PROPOSED PRIVATE STREET NO. 1437
-  PROPOSED LIMITS OF NAIL WALL



SHADED AREA INDICATES PROPOSED AREA OF WORK EXTENT FOR NEW ROAD



N. Blue Heights Drive Los Angeles, California GEOLOGIC MAP 2

Grover-Hollingsworth and Associates, Inc. Geotechnical Consultants			
REV. 10-2017			
BY MEL	DATE 03-2017	CLIENT A&T DEVELOPMENT, LLC	
REF. SURVEY BY M&G	GH	17563-G	
CIVIL ENGINEERING		SUBJECT GEOLOGIC MAP 2	