

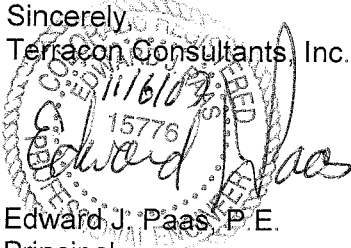
November 5, 2007

Ed Bushel
2980 College Phase 1 LLC
1919 14th Street
Boulder, CO 80302

**RE: Landmark Lofts Phase 1
College Avenue and 28th Frontage Road
Boulder, Colorado
Terracon Project No. 22071125**

It is our understanding that Wyatt Construction provided the classification results for the proposed import fill material to Kumar & Associates, Inc., who stated that the material would be acceptable for use as structural fill provided it meets swell requirements of less than 1% under a 200 psf surcharge pressure. The material was found to meet these swell requirements when tested. Please contact our office with any questions.

Sincerely,
Terracon Consultants, Inc.



Edward J. Paas, P.E.
Principal

Colorado Registration #15776

cc: Wyatt Construction

/lms

LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Terracon

Report Number: 22071125.0001
 Service Date: October 16, 2007

1242 Bramwood Place
 Longmont, CO 80501
 (303) 776-3921

Client: 2980 College Phase 1 LLC
 Attn: Ed Bushel
 1919 14th St
 Boulder CO 80302

Report Date: October 26, 2007
Project: Landmark Lofts Phase 1
 College Avenue and 28th Frontage Road
 Boulder, CO

Project Number: 22071125

Material Information

Contractor: Wyatt Construction
 Source of Material: Import from Sanitas Terrace
 Proposed Use: Structural fill
 USCS:

Sample Information

Sampled By:
 Sample Location: Sample delivered to lab
 Sample Description: Brown/red sandy clay with rock

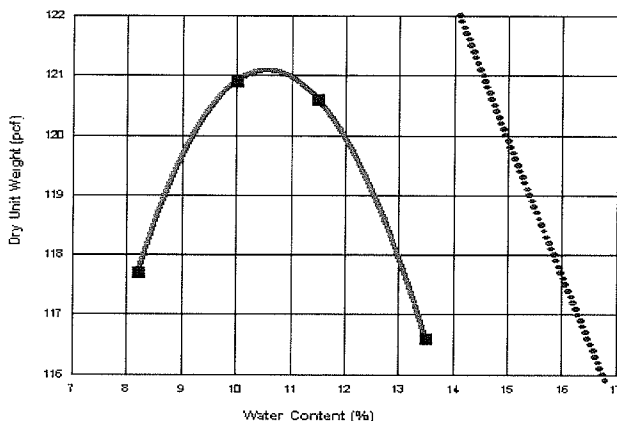
Laboratory Test Data

Test Procedure: ASTM D698-91
 Test Method: Method C
 Sample Preparation: Wet Preparation
 Rammer Type: Manual Rammer
 Maximum Dry Unit Weight, pcf: 121.1
 Optimum Water Content, %: 10.6

	Result	Specifications
Liquid Limit:	35	
Plastic Limit:	20	
Plasticity Index:	15	
% Passing #40:	34.0	
% Passing #200:	19.0	

Moisture Density Relations

Zero Air Voids Curve for assumed specific gravity 2.70



Services-Receive a proposed select fill sample at our laboratory. Prepare and test the sample for moisture-density relation and plasticity index.

Report Distribution:

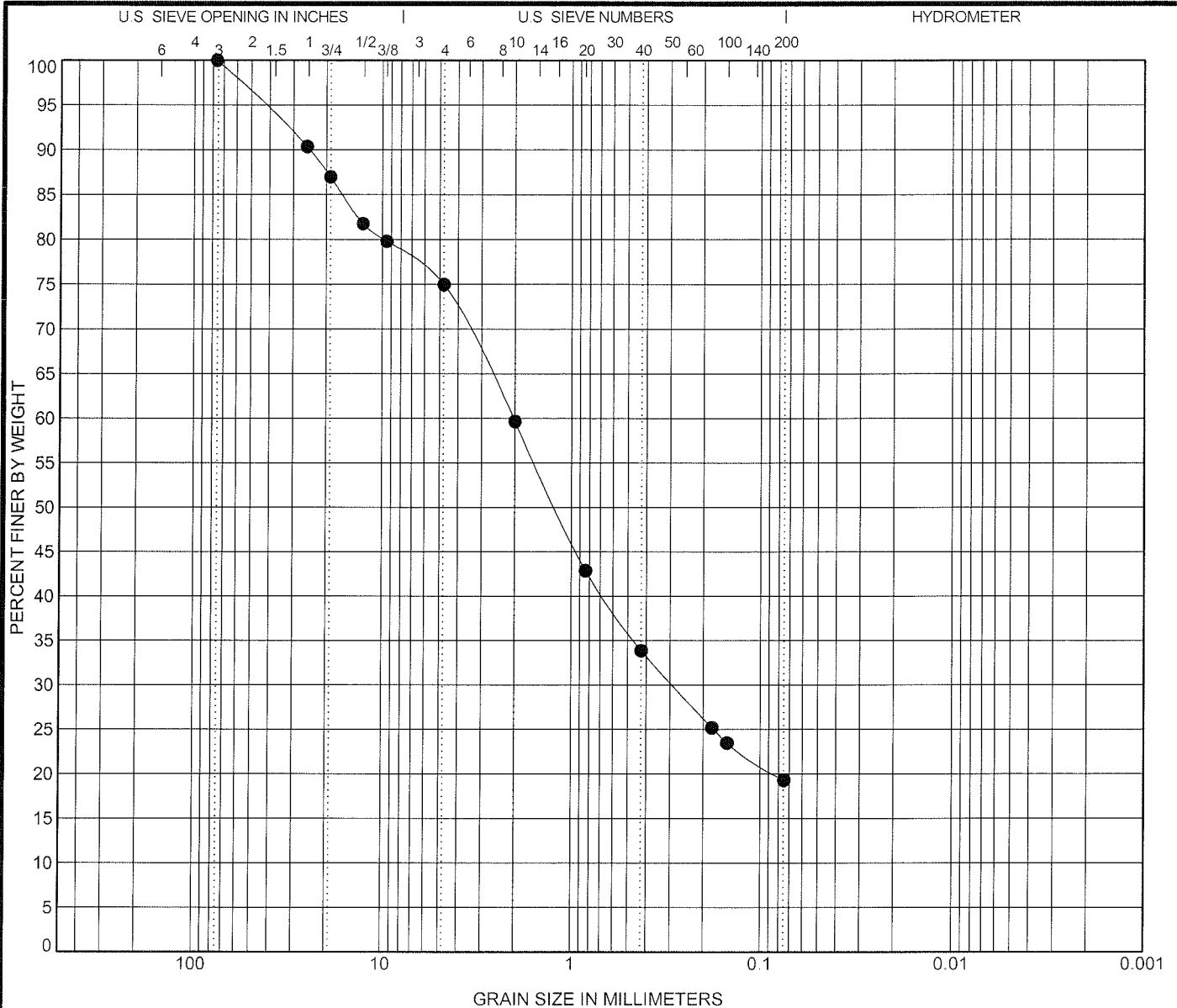
- (1) 2980 College Phase 1 LLC
- (1) Wyatt Construction
- (1) Chanin Development Company;
Trent@chanindevelopment.com
- (1) Porch Front Homes;

(1) Knudson Gloss Architects; gswett@kgarch.com

Reviewed by:

Douglas F. Schneider
 CMT Department Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● FILL-SanitasTer 1.0ft	CLAYEY SAND with GRAVEL(SC)	35	20	15		

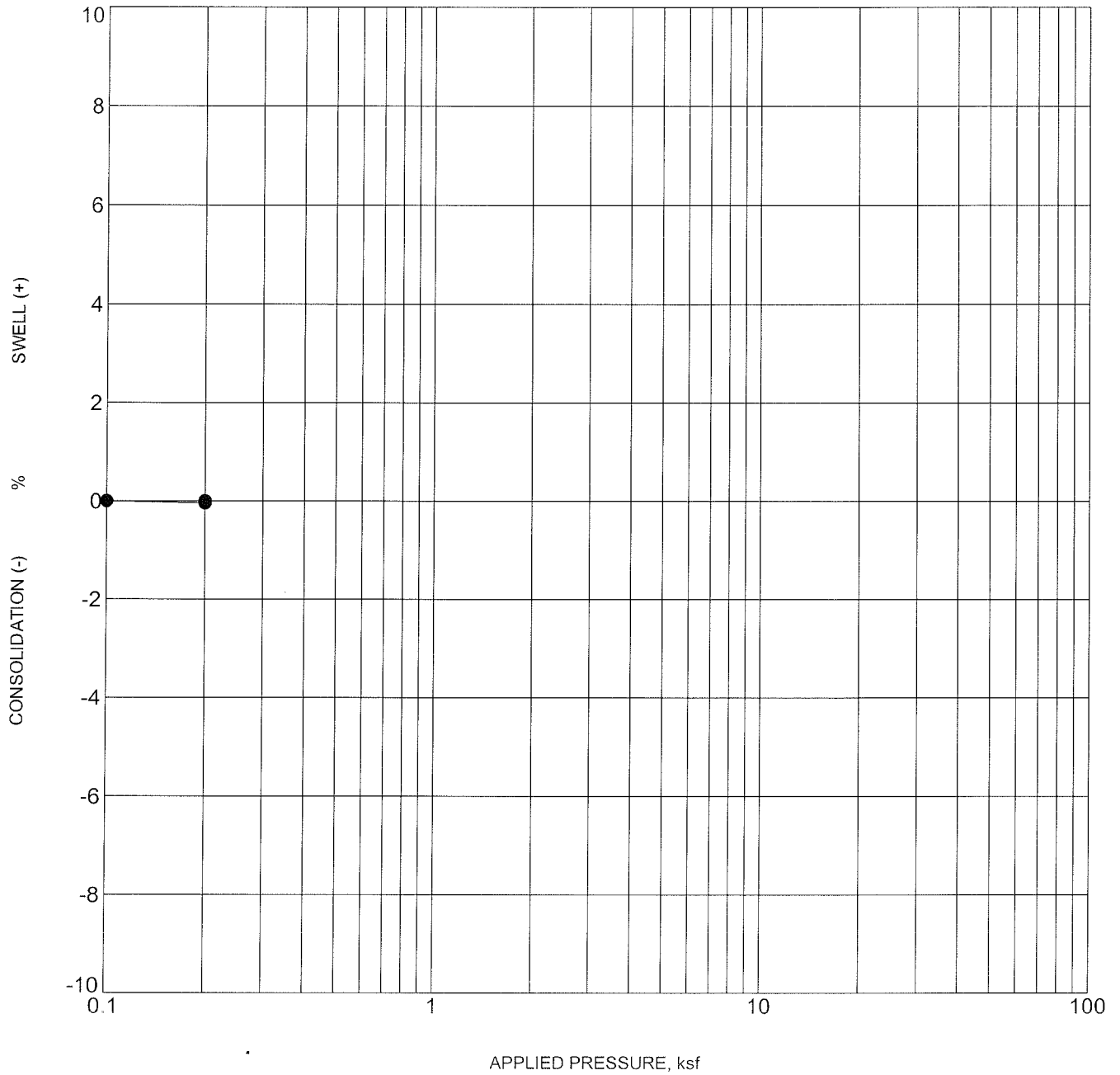
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● FILL-SanitasTer 1.0ft	76.2	2.039	0.29		24.9	55.7	19.3	

GRAIN SIZE DISTRIBUTION/SOIL CLASSIFICATION



Project: Landmark Lofts
 Site: SE Corner of College Ave. & 28th Street Boulder, Colorado
 Job #: 22071125
 Date: 10-18-07

TC GRAIN SIZE 2206MISC.GPJ TERRACON.GDT 10/18/07



Specimen Identification	Classification	γ_d , pcf	WC, %
● REMOLD 1.0ft	CLAYEY SAND (REMOLDED SAMPLE)	115	10

Notes: Remolded at about 95% of the ASTM D698 maximum dry density at about optimum moisture content - Water Added to Sample @ 200 psf

SWELL/CONSOLIDATION TEST



Project: Landmark Lofts
 Site: SE Corner of College Ave. & 28th Street Boulder, Colorado
 Job #: 22071125
 Date: 11-6-07