Update the test boring location map to show the current proposed grading and show the three pond locations. Ponds within Tract C and Tract D appear to include embankments. Tract D pond also appears to have a retaining wall adjacent LLC to the pond.

Provide a section regarding detention ponds and address Drainage Criteria Manual sections 11.2.2, and 11.3.3.



can provide significant benefits when properly planned

under natural conditions for the design storms,

Adequate safety measures shall be provided with all

facilities. A minimum 15-foot maintenance easement

structure and the complexity of the local site geology.

Guidelines for conducting geotechnical investigations for

of Colorado jurisdictional dams are presented in the

geologic conditions of the site shall

discharge established by policy and/or the drainage

be provided, and it is required that such outlets be designed to

release at a rate that does not exceed the peak rate estimated

provided around the perimeter of the impoundment and embankment areas. Access to the bottom of the pond from a public road shall

be provided via a minimum 15-foot wide ramp at a slope no greater

sufficient detail to determine the suitability for impoundment of surface water. Ground water level increases downstream of the

geologic investigation should be consistent with the class of

"Design Review Manual" for dams and dam safety (Colorado Office

A design engineer check list for State of Colorado jurisdictional

is included as Attachment A of this chapter.

non-jurisdictional dams i.e., those that do not or would not fall

under State of Colorado purview, the designer must evaluate

Controlled outlets for flood surcharge storage should

be



505 ELKTON DRIVE COLORADO SPRINGS, CO 80907 PHONE (719) 531-5599 FAX (719) 531-5238

and

or other

detention

shall be

investigated

basin

in

State

draft

For

the

for

ils Investigation

e

designed.

planning study.

adlev Road

than twelve (12) percent.

El Paso Cou

11.2.2 Detention Facility Construction The construction of detention facilities which multi-use benefits

Dear Mr. Herber:

As requested, perso Investigation at the on the southeast c County, Colorado. 1 results of our soil construction.

SITE CONDITIONS:

The site is current east/southeast, with streets. Portions of northeast corner of 1 and yucca. Previous

PROJECT DESCRI

The project is to development.

FIELD INVESTIGAT

The subsurface con borings across the s test borings are indic

9/30/90

dams

The

of the State Engineer, July 31, 1986).

11.3.3 Embankment Structures

The width of the top of the embankment structure shall be a minimum of 12 feet for embankments less than 25 feet in height. Also, side slopes on embankment structures will vary with materials types used and shall be designed to produce a stable and easily maintained structure. A slope stability analysis shall be required on all Class 1 structures.

An allowance for settlement shall also be factored into the design for all embankment structures. Consideration shall also be given to limiting excessive seepage through the embankment and foundation that may lead to embankment erosion and structure instability for all Class 1 structures.

geotechnical analysis and report prepared by Colorado a Professional Engineer with recommendations for the foundation preparation and embankment construction shall be submitted to the City/County Engineer with the complete design analysis for all permanent detention facilities.

of 20 feet below the existing ground surface. Samples were obtained during drilling using the

appropriate factors identified, in the engineer check list, the hazard rating presented as Attachment A and as otherwise required by the City/County.

The test borings wer Standard Penetration T Standard Penetration Te

presented in Appendix A.

Water Content, ASTM I Grain-Size Analysis, AS performed on samples fo on selected samples usi potential expansion/com

Include the following per ECM Appendix performe C Section C.2.2.E. summari

he soils. Laboratory test results are

SOIL AND GROUNDWATER CONDITIONS:

Ł J	E.		c Interpretation. In shall include interpretations and detailed descriptions of the following:	the andy
c e r		Geo	ologic Hazards. ologic hazards include landslides, avalanche, rockfall, mudflows, debris flows, radioac- y, etc.	d in sting
<u>s</u> s1rcciitt		• M • A • N • S	Geomorphic and structural features/processes present in the area; Man-induced features/processes; ge and activity of the features/processes; latural contentions affecting the features/processes; susceptibility to man-induced changes; rotential impact of hazard(s) and risk to project;	f the 9 to sand /ater cent ulted Ifate intial
Ť(CDC:6	

CDC:6

	f the
	and soil
APPENDIX C - SOILS INVESTIGATION REPORTS AND MITIGATION C.2.2	f 33 the tion
 Amenability of adverse conditions for adequate mitigation; 	D.01
 Long-term lateral and vertical stability of earth materials; and, 	rete
 Impact of project on materials stability. 	
 2. Geologic Constraints. Geologic constraints include expansive soil or rock, potentially unstable slopes, high groundwater levels, soil creep, hydrocompaction, shallow bedrock, erosion, etc. Soil, surface and ground water, and geomorphic conditions; Man-induced conditions; Activity of conditions Effect of natural or man-induced changes; Potential impact of conditions and risk to project; Amenability of adverse conditions for adequate mitigation; and, Impact of project on long-term project stability. 	ered the 0 to size the it of e of than ade lfate
	 Amenability of adverse conditions for adequate mitigation; Long-term lateral and vertical stability of earth materials; and, Impact of project on materials stability. 2. Geologic Constraints. Geologic constraints include expansive soil or rock, potentially unstable slopes, high groundwater levels, soil creep, hydrocompaction, shallow bedrock, erosion, etc. Soil, surface and ground water, and geomorphic conditions; Man-induced conditions; Activity of conditions Effect of natural or man-induced changes; Potential impact of conditions and risk to project;

Additional soil descriptions are presented on the enclosed drill logs. (Appendix A). A Summary of Laboratory Test Results is presented in Table 1. Laboratory test results are included in Appendix B. The soils were classified using the results of the laboratory testing, the Unified Soil

Classification System (USCS), and visual classification. The soil types are expected to vary across the site. Also, stratification lines shown on the logs represent the approximate boundary between soil types and the actual transition are expected to be gradual and vary with location.

Groundwater was not encountered in any of the test borings which were drilled to 20 feet. This indicates that groundwater will have little effect on shallow foundations proposed for the site depending on final grades and depth of excavations. Groundwater conditions may vary due to See Engineering Criteria Manual Appendix C Section C.3.2.B. Development Address the highlighted items.

PRELIMINARY DEVELOPMENT CONSIDERATIONS AND RECOMMENDATIONS:

Grading plans were not available at the time of this investigation. The soils in the test horizon

B. Recommendations and Mitigation Plans.

The report shall include recommendations and mitigation concerning but not limited to the following:

- · Allowable soil pressure
- Foundation types
- · Groundwater
- Maximum stable slopes (cut, fill, and natural)
- Retaining wall information (if applicable)
- Detention pond design and construction (if applicable)
- Cut and fill criteria (such as compaction, moisture content, benching)

30 inches below the adjacent exterior site grade for frost protection. Drilled piers are a suitable alternative to overexcavation.

Groundwater is not expected to be encountered in shallow foundation excavations depending on final grades and depths of excavations. However, groundwater conditions may vary. Excavation of clay and sand soils will be moderate with rubber-tired equipment, the hard claystone bedrock where encountered will likely require track-mounted equipment.

ON-GRADE FLOOR SLABS:

If standard spread footing foundations are used, any grade supported floor slabs should be separated from other structural components and utility penetrations to allow for possible future vertical movement unless designed as part of the foundation. Uncontrolled fills, and expansive clays at or near slabs grade will require overexcavation. Control joints in grade-supported slabs are recommended at 10 to 15-foot perpendicular spacings to control cracking. We anticipate perimeter drains are not necessary for slab-on-grade construction provided the slabs are positioned above finished exterior site grade, irrigation is minimized and foundation wall backfill is properly placed.

On-grade floor slabs should not be considered unless slab movement can be tolerated. If slab movement cannot be tolerated, then structural floors should be considered.

PRELIMINARY CONCRETE RECOMMENDATIONS:

Sulfate solubility testing was conducted on select samples recovered from the test borings to evaluate the potential for sulfate attack on concrete placed below surface grade. The test results indicated less than 0.01 percent soluble sulfate (by weight). These test results indicate that the sulfate component of the in-place soils present a negligible exposure threat to concrete placed below the site grade. Type II cement is recommended for the soils which pose a negligible to moderate threat, which will include imported structural fill materials. We recommend additional sulfate testing as the site is developed as high sulfate levels are common in this area.

To further avoid concrete degradation during construction it is recommended that concrete not be placed on frozen or wet ground. Care should be taken to prevent the accumulation or ponding of water in the foundation excavation prior to the placement of concrete. If standing water is present in the foundation excavation, it should be removed by ditching to sumps and pumping the water away from the foundation area prior to concrete placement. If concrete is placed during periods of cold temperatures, the concrete must be kept from freezing. This may require covering the concrete with insulated blankets and adding heat to prohibit freezing.

SITE GRADING:

Any areas to receive fill should have all topsoil, organic material or debris removed. Fill must be properly benched and compacted to minimize potentially unstable conditions in slope areas. Completed slopes should be 3:1 or flatter if constructed without reinforcing. Flatter slopes may be required depending upon specific conditions. The ground surface should be scarified, and moisture conditioned to within ± 2 percent of optimum moisture content and compacted to a minimum of 95 percent of its maximum Standard Proctor Dry Density, ASTM D-698, prior to placing new fill.

New fill should be placed in thin lifts not to exceed 6 inches after compaction while maintaining at least 95 percent of its maximum Modified Proctor Dry Density, ASTM D-1557 for granular soils and 95 percent of its maximum Standard Proctor Dry Density, ASTM D-698 for cohesive soils. These materials should be placed at a moisture content conducive to compaction, usually ±2 percent of Proctor optimum moisture content. The placement and compaction of fill should be observed and tested by Entech during construction. Entech should approve any import materials prior to hauling them to the site.

ADDITIONAL SUBSURFACE SOIL INVESTIGATIONS:

Additional subsurface soil investigations are recommended when building locations and grading plans are determined. The individual open foundation excavations should also be observed prior to construction of the foundation in order to verify that no anomalies are present, that materials at the proper design bearing capacity have been encountered, no unsuitable fill soils are present, and that no soft or loose spots or debris are present in the foundation area. Final

drainage recommendations should also be determined at the time of the excavation observations.

CLOSURE:

The Preliminary Subsurface Investigation, geotechnical evaluation and recommendations presented in this report are intended for use by Waterview Commercial Investors, LLC for the subject site. The borings were located to provide preliminary recommendations, variations in site subsurface conditions not indicated on the borings should be anticipated. Preliminary grading plans with respect to the soils encountered can be evaluated once plans become available. Additional subsurface investigation and testing is recommended to further evaluate the site after development plans are prepared.

In conducting the preliminary subsurface investigation, laboratory testing, engineering evaluation and reporting, Entech Engineering, Inc. endeavored to work in accordance with generally accepted professional geotechnical and geologic practices and principles consistent with the level of care and skill ordinarily exercised by members of the geotechnical profession currently practicing in same locality and under similar conditions. No other warranty, expressed or implied is made.

If there are any questions regarding the information provided herein or if Entech Engineering, Inc. can be of further assistance, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.

Stuart Wood Geologist

LLL/am

Entech Job No. 220689 AAProjects/2022/220689 pssi



Reviewed by:

Joseph C. Goode, Jr., P.E. President

TABLE

TABLE 1

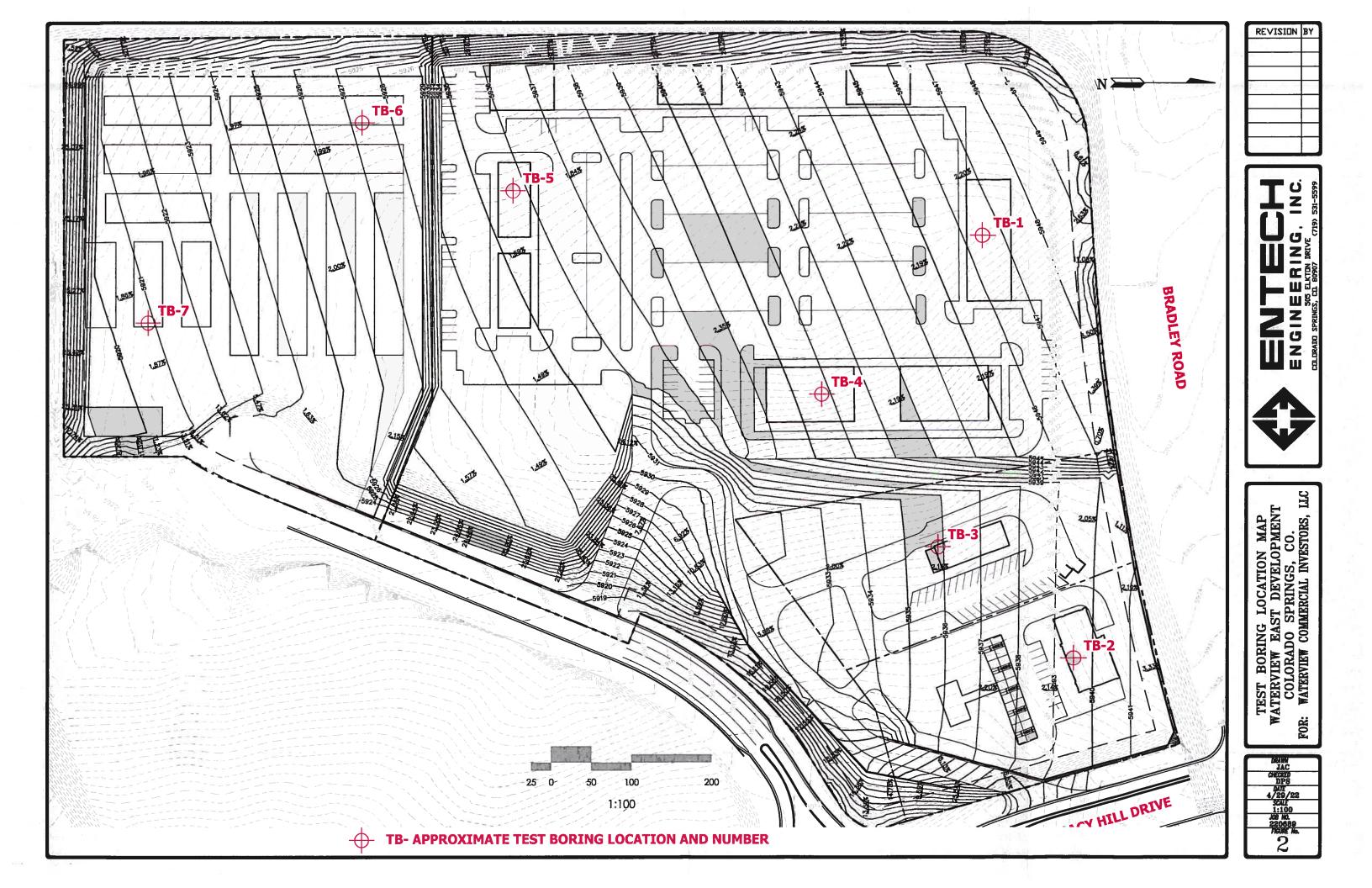
SUMMARY OF LABORATORY TEST RESULTS

CLIENTWATERVIEW COMMERCIALPROJECTWATERVIEW EAST DEV.JOB NO.220689

SOIL TYPE	TEST BORING NO.	DEPTH (FT)	WATER (%)	DRY DENSITY (PCF)	PASSING NO. 200 SIEVE (%)	Liquid Limit (%)	PLASTIC INDEX (%)	SULFATE (WT %)	FHA SWELL (PSF)	SWELL/ CONSOL (%)	UNIFIED CLASSIFICATION	SOIL DESCRIPTION
1 =	3	2-3			21.7	NV	NP	<0.01			SM	SAND,S ILTY
1 .	4	5			47.1						SM	SAND, VERY SILTY
1	5	10			20.2						SM	SAND, SILTY
2	2	5	9.7	89.9	81.7	33	14	<0.01		-0.4	CL	CLAY, SANDY
2	6	20	21.9	100.5	81.4					1.4	CL	CLAY, SANDY
2	7	2-3		5	85.5						CL	CLAY, SANDY
3	1	15	13.9	109.6	84.4	43	- 24	<0.01		2.1	CL	CLAYSTONE, SANDY

FIGURES





APPENDIX A: Test Boring Logs

ob #	1 1/11/2022 220689						TEST BORING NO. DATE DRILLED CLIENT LOCATION	2 4/11/2022 WATERV WATERV	IEW				AL	
EMARKS RY TO 18', 4/14/22	Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Type	REMARKS DRY TO 17', 4/14/22		Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Tyne
AND, SILTY, FINE TO MEI RAINED, TAN, DENSE, DR 101ST				35	2.1	1	CLAY, SANDY, DARK BR STIFF TO FIRM, MOIST	OWN,				15	6.9	2
	5			31	4.9	1		5	5			22	7.1	2
LAY, SANDY, BROWN, VE TIFF, MOIST	RY 10			34	8.4	2			10 <mark>-</mark>			13	11.5	2
LAYSTONE, SANDY, BRC ARD, MOIST	WN, 15			<u>50</u> 11"	11.1	3			15 -			17	13.8	2
	20			50	12.3	3	CLAYSTONE, SANDY, BR HARD, MOIST		20			<u>50</u> 2"	10.3	

\Leftrightarrow	ENTECH ENGINEERING, INC.		TE	EST BORING LO	G	JOB NO.: 220689 FIG NO.:
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	4-26-22	A- 1

TEST BORING NO. 3 DATE DRILLED 4/11/202 Nob # 220689	2						TEST BORING NO. DATE DRILLED CLIENT LOCATION	4 4/11/2022 WATERV WATERV	IEW				IAL	
REMARKS DRY TO 18', 4/14/22	Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Type	REMARKS DRY TO 18', 4/14/22	1	Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Type
GAND, SILTY, FINE TO MEDIUM GRAINED, TAN, MEDIUM DENSE, DRY TO MOIST				10	2.8	1	SAND, VERY SILTY TO S FINE TO MEDIUM GRAINI MEDIUM DENSE, MOIST					21	5.3	1
	5			14	4.2	1			5			12	5.1	
CLAY, SANDY, GRAY BROWN, YERY STIFF, MOIST	10			36	12.3	2			10 -			28	3.0	
CLAYSTONE, SANDY, GRAY 3ROWN, HARD, MOIST	15			<u>50</u> 9"	13.4	3			15 -			16	3.4	
	20			50	13.7	3		- 3	20			19	3.5	

\blacklozenge	ENTECH ENGINEERING, INC.		TES	T BORING LO	G	JOB NO.: 220689 FIG NO.:
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	4-26-22	A- 2

.

OATE DRILLED ob #	4/11/2022 220689							DATE DRILLED CLIENT LOCATION	4/11/2022 WATER\ WATER\	/IEW				IAL	
REMARKS DRY TO 19', 4/14/22	15 A 20	Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Type	REMARKS DRY TO 19', 4/14/22	1 14.5 2 20	Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Type
GAND, SILTY, FINE TO M GRAINED, TAN, MEDIUM DRY TO MOIST		-			29	2.4	1	SAND, SILTY, FINE TO MI GRAINED, TAN, MEDIUM MOIST					17	4.2	1
		5			25	2.0	1			5 -			17	3.7	1
		10 -			21	2.6	1			10 -			25	3.6	1
		15			16	3.5	1			15			43	4.3	1
		20			17	5.5	1	CLAY, SANDY, BROWN, E MOIST	STIFF,	20			26	17.3	2

\blacklozenge	ENTECH ENGINEERING, INC.		TES	T BORING LOG	·	JOB NO.: 220689 FIG NO.:
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	4-26-22	A- 3

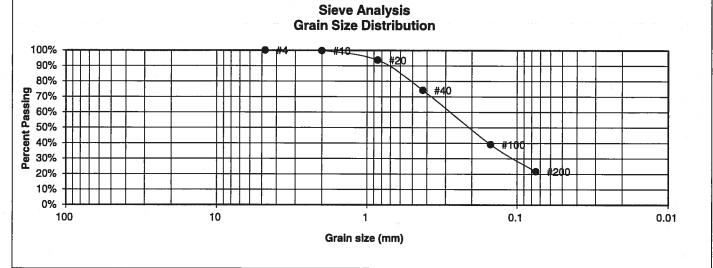
*)

TEST BORING NO. 7 DATE DRILLED 4/11/202 Job # 220689 REMARKS	2	1			r	r	TEST BORING NO. DATE DRILLED CLIENT LOCATION REMARKS	WATER WATER						
DRY TO 18.5', 4/14/22	Depth (ft)	Symbol	Samples	Blows per foot	Watercontent %	Soil Type	REMARKS		Depth (ft)	Symbol	amples	Blows per foot	Watercontent %	Soil Type
CLAY, SANDY, TAN, FIRM, MOIST		S	S		<u>></u> 18.5	2				S	σ	<u> </u>	>	
5AND, SILTY, FINE TO MEDIUM GRAINED, TAN, MEDIUM DENSE TO DENSE, MOIST	5			22	6.0	1			5				-	
	10			23	3.0	1			10					
	15			40	3.9	1			15 -					- 11 7
	20			32	8.6	1			20					

ENTECH ENGINEERING, INC.		TES	T BORING LOG		JOB NO.: 220689 FIG NO.:
505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	DATE: 4-26-22	A- 4

APPENDIX B: Laboratory Test Results

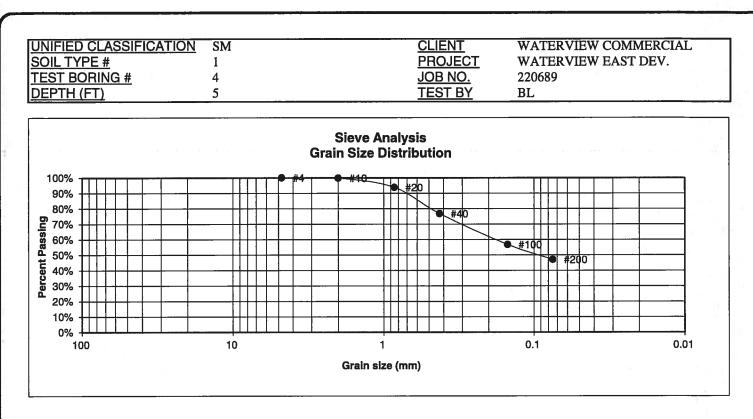
UNIFIED CLASSIFICATION	SM	CLIENT	WATERVIEW COMMERCIAL
<u>SOIL TYPE #</u>	1	PROJECT	WATERVIEW EAST DEV.
TEST BORING #	3	JOB NO.	220689
DEPTH (FT)	2-3	TEST BY	BL



U.S. <u>Sieve #</u> 3" 1 1/2" 3/4" 1/2" 3/8"	Percent <u>Finer</u>	Atterberg <u>Limits</u> Plastic Limit NP Liquid Limit NV Plastic Index NP
4	100.0%	Swell
10	99.7%	Moisture at start
20	93.6%	Moisture at finish
40	74.1%	Moisture increase
100 200	39.1% 21.7%	Initial dry density (pcf) Swell (psf)

	ENTECH	
	ENGINEERING, INC.	L
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	ļ

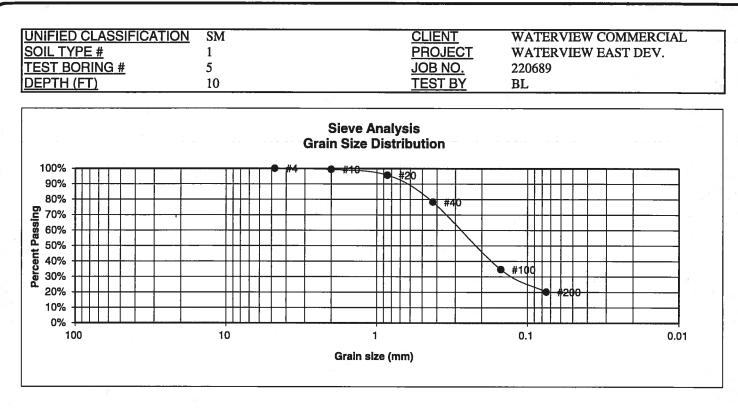
	LABOR RESUL	ATORY TEST		JOB NO.: 220689 FIG NO.:
DRAWN:	DATE:	CHECKED:	DATE: 4-26-22	B-1



U.S. <u>Sieve #</u> 3" 1 1/2" 3/4" 1/2" 3/8"	Percent <u>Finer</u>	2	Atterberg <u>Limits</u> Plastic Limit Liquid Limit Plastic Index
4	100.0%		<u>Swell</u>
10	99.9%		Moisture at start
20	93.8%		Moisture at finish
40	76.8%		Moisture increase
100	56.8%		Initial dry density (pcf)
200	47.1%		Swell (psf)

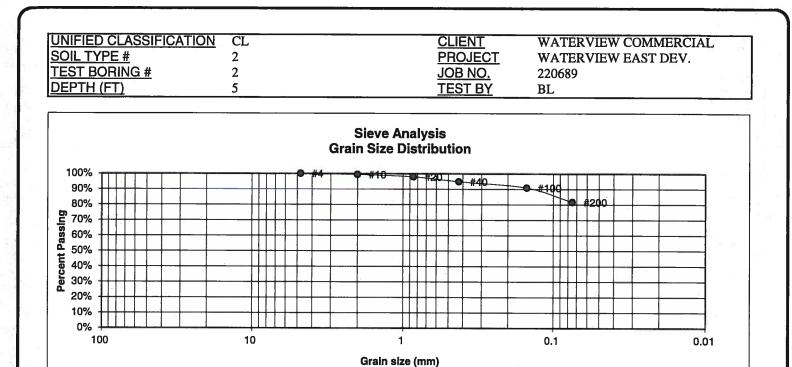


	LABORAT	ORY TEST		JOB NO.: 220689 FIG NO.:
DRAWN:	DATE:	CHECKED:	DATE: 4-26-22	B-2



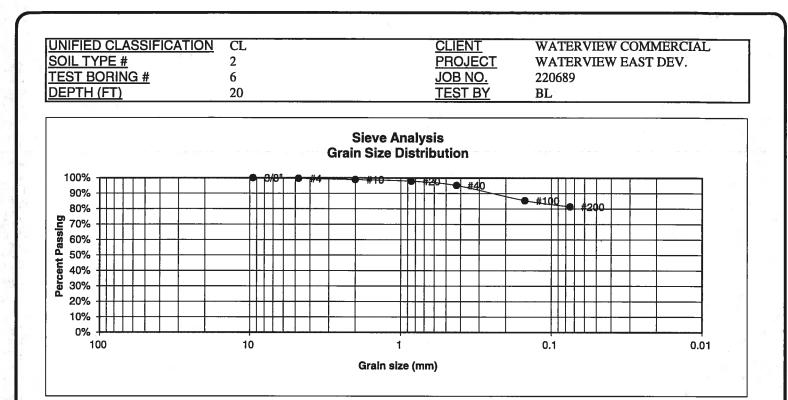
U.S. <u>Sieve #</u> 3" 1 1/2" 3/4"	Percent <u>Finer</u>	Atterberg <u>Limits</u> Plastic Limit Liquid Limit Plastic Index
1/2" 3/8"		
4	100.0%	Swell
10	99.4%	Moisture at start
20	95.7%	Moisture at finish
40	78.3%	Moisture increase
100	34.7%	Initial dry density (pcf)
200	20.2%	Swell (psf)

ENTECH ENGINEERING, INC.		LABOR RESUL	ATORY TEST		JOB NO.: 220689 FIG NO.:
505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:		DATE: 4-26-22	B-3



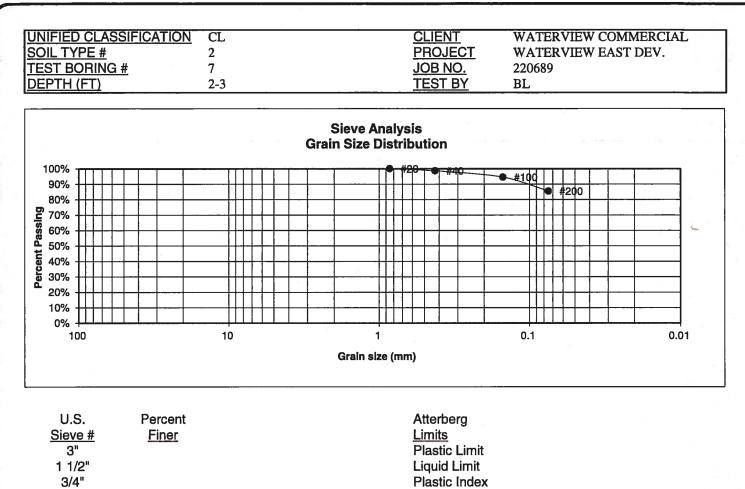
U.S.	Percent	Atterberg	
<u>Sieve #</u>	<u>Finer</u>	Limits	
3"		Plastic Limit	19
1 1/2"		Liquid Limit	33
3/4"		Plastic Index	14
1/2"			
3/8"			
4	100.0%	Swell	
10	99.4%	Moisture at start	
20	98.0%	Moisture at finish	
40	94.8%	Moisture increase	
100	90.9%	Initial drv density (pcf)	
200	81.7%	Swell (psf)	
		Initial dry density (pcf) Swell (psf)	

€	ENTECH ENGINEERING, INC.		LABORATORY TEST RESULTS			
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED	DATE: 4-26-22	FIG NO.: B-4



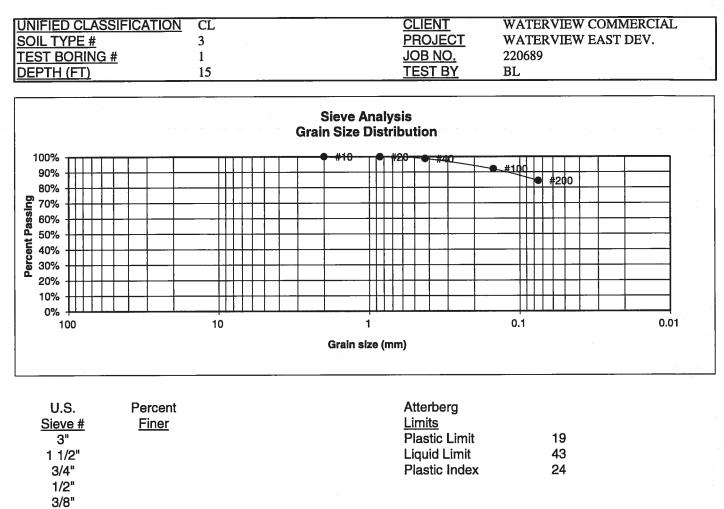
U.S. <u>Sieve #</u> 3" 1 1/2" 3/4" 1/2"	Percent <u>Finer</u>	Atterberg <u>Limits</u> Plastic Limit Liquid Limit Plastic Index	
3/8"	100.0%	8	
4	99.6%	Swell	
10	98.9%	Moisture at start	
20	97.9%	Moisture at finish	
40	95.2%	Moisture increase	
100	85.3%	Initial dry density (pcf)	
200	81.4%	Swell (psf)	

$\mathbf{\Theta}$	ENTECH ENGINEERING, INC.		LABOR RESUL	ATORY TEST		JOB NO.: 220689 FIG NO.:
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	DATE: 4-26-22	B-5



1/2" 3/8"	25	
4		Swell
10		Moisture at start
20	100.0%	Moisture at finish
40	98.7%	Moisture increase
100	94.5%	Initial dry density (pcf)
200	85.5%	Swell (psf)

$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$	ENTECH ENGINEERING, INC.	LABORATORY TEST RESULTS			JOB NO.: 220689 FIG NO.:	
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	DATE: 4-26-22	8-6



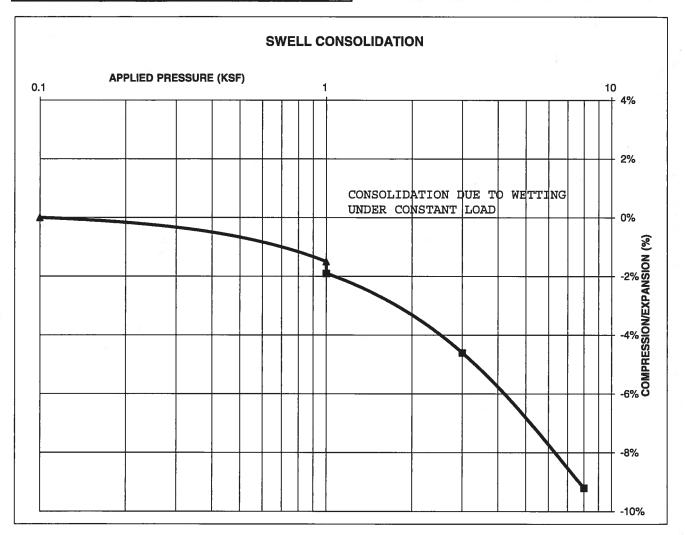
Swell 4 Moisture at start 10 100.0% Moisture at finish 20 99.9% 40 98.7% Moisture increase Initial dry density (pcf) 100 92.0% Swell (psf) 200 84.4%

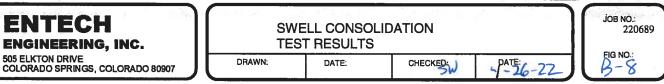
\mathbf{O}	ENTECH ENGINEERING, INC.	LABORATORY TEST RESULTS			JOB NO.: 220689 FIG NO.:	
	505 ELKTON DRIVE COLORADO SPRINGS, COLORADO 80907	DRAWN:	DATE:	CHECKED:	DATE: 4-26-22	B-7

CONSOLIDATION TEST RESULTS

TEST BORING #	2	DEPTH(ft)	5
DESCRIPTION	CL	SOIL TYPE	2
NATURAL UNIT DRY	WEIG	HT (PCF)	90
NATURAL MOISTURI	E CON	TENT	9.7%
SWELL/CONSOLIDA			-0.4%

JOB NO.220689CLIENTWATERVIEW COMMERCIALPROJECTWATERVIEW EAST DEV.

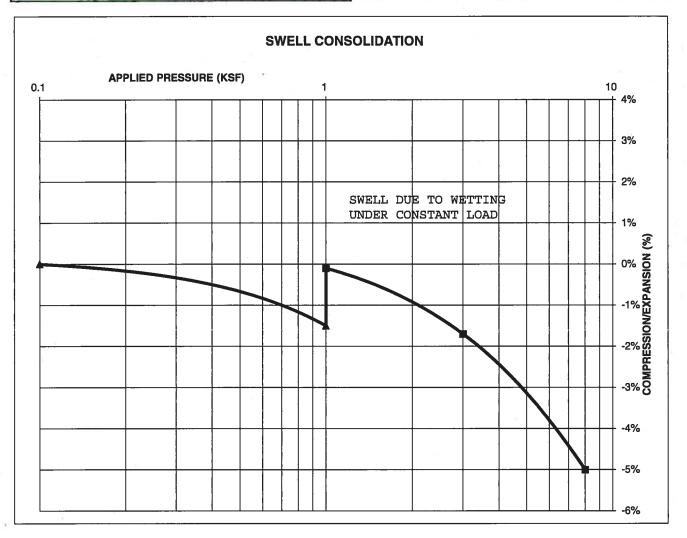


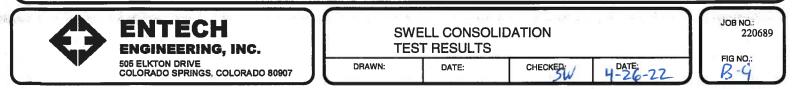


CONSOLIDATION TEST RESULTS

TEST BORING #	6	DEPTH(ft)	20
DESCRIPTION	CL	SOIL TYPE	2
NATURAL UNIT DRY	WEIG	HT (PCF)	100
NATURAL MOISTURE CONTENT			21.9%
SWELL/CONSOLIDA	TION (%)	1.4%

JOB NO.220689CLIENTWATERVIEW COMMERCIALPROJECTWATERVIEW EAST DEV.

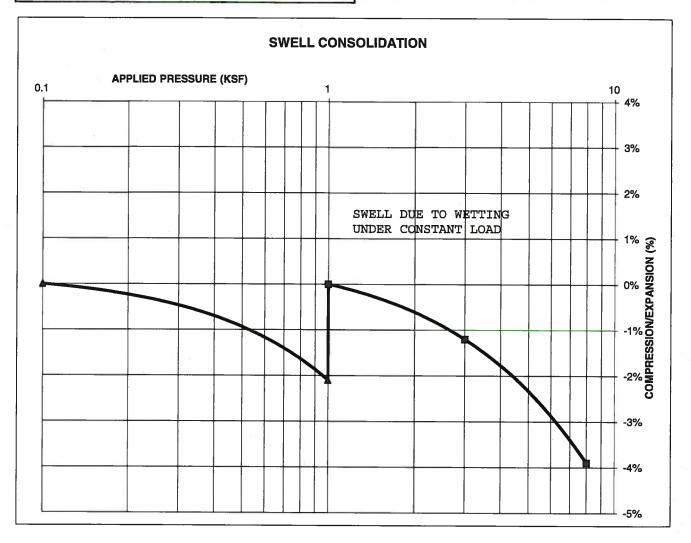


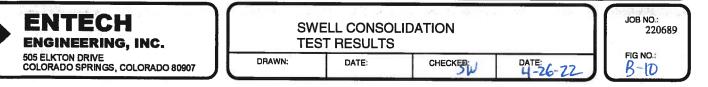


CONSOLIDATION TEST RESULTS

TEST BORING #	1	DEPTH(ft)	15
DESCRIPTION	CL	SOIL TYPE	3
NATURAL UNIT DRY	WEIGH	IT (PCF)	110
NATURAL MOISTUR	E CON	FENT	13.9%
SWELL/CONSOLIDA			2.1%

JOB NO.220689CLIENTWATERVIEW COMMERCIALPROJECTWATERVIEW EAST DEV.





CLIENT	WATERVIEW COMMERCIAL	JOB NO.	220689
PROJECT	WATERVIEW EAST DEV.	DATE	4/15/2022
LOCATION	WATERVIEW EAST DEV.	TEST BY	BL

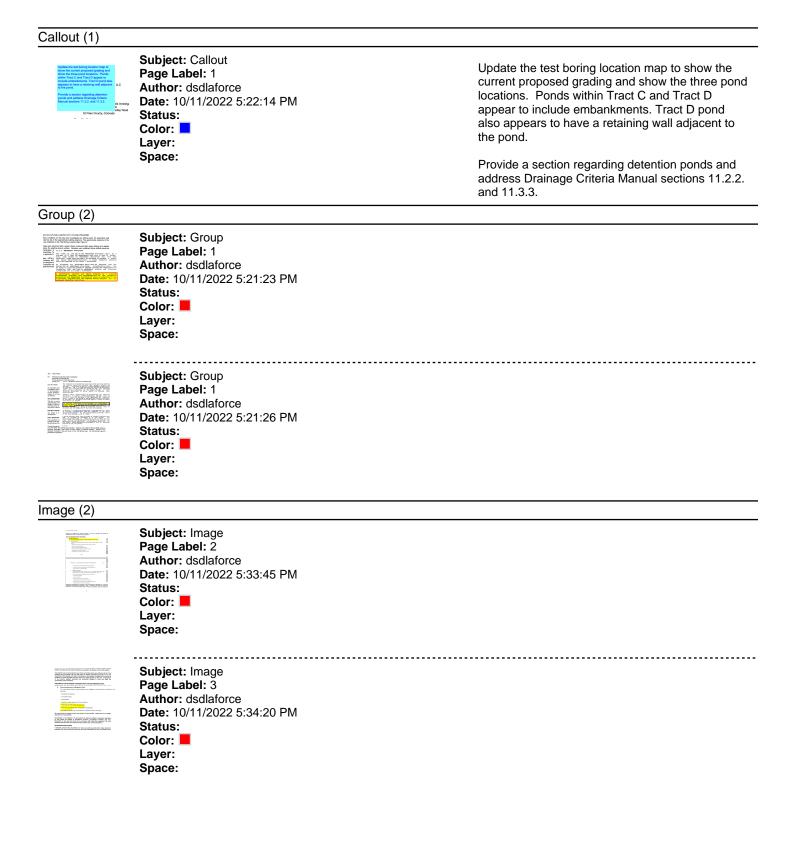
BORING NUMBER	DEPTH, (ft)	SOIL TYPE NUMBER	UNIFIED CLASSIFICATION	WATER SOLUBLE SULFATE, (wt%)
TB-1	15	3	CL	<0.01
TB-2	5	2	CL	<0.01
TB-3	2-3	1	SM	<0.01
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QC BLANK PASS



	LABORATORY TEST SULFATE RESULTS				
DRAWN:	DATE:	CHECKED:	4-26-22	B-l	

Soils and Geo Report V1.pdf Markup Summary



Text Box (2)

Norvice Connected Instants, LL Support Marking Sharehows Saki Sharehows 2 are support Marking Saki Sharehows Marking Saki	Subject: Text Box Page Label: 2 Author: dsdlaforce Date: 10/11/2022 5:29:35 PM Status: Color: Layer: Space:	Include the following per ECM Appendix C Section C.2.2.E.
	Subject: Text Box Page Label: 3 Author: dsdlaforce Date: 10/11/2022 5:34:17 PM Status: Color: Layer: Space:	See Engineering Criteria Manual Appendix C Section C.3.2.B. Address the highlighted items.