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Project: Webster ISB

Client: Webster University

Sample Source: On-Site

Supplier: N/A

Test Information	
Project No.:	J008367.12
Test Date:	10/27/16
Proctor No.:	LSN-2389
Test Method:	ASTM D698 Method A
Rammer Type:	Mechanical
Prep. Method:	Air Dry

Sample Description
Brown, silty CLAY - (CL)

Sample Properties	
Moisture Content	20.4
Liquid Limit	36
Plastic Limit	16
Plasticity Index	20
Specific Gravity:	2.800 Estimated
Classification	CL

Test Results:	
Maximum Dry Unit Weight (pcf):	109.6
Optimum Water Content (%):	16.0
Oversize Correction Values:	
Maximum Dry Unit Weight (pcf):	--
Optimum Water Content (%):	--

Tested By: ETJ

Date: 10/27/16

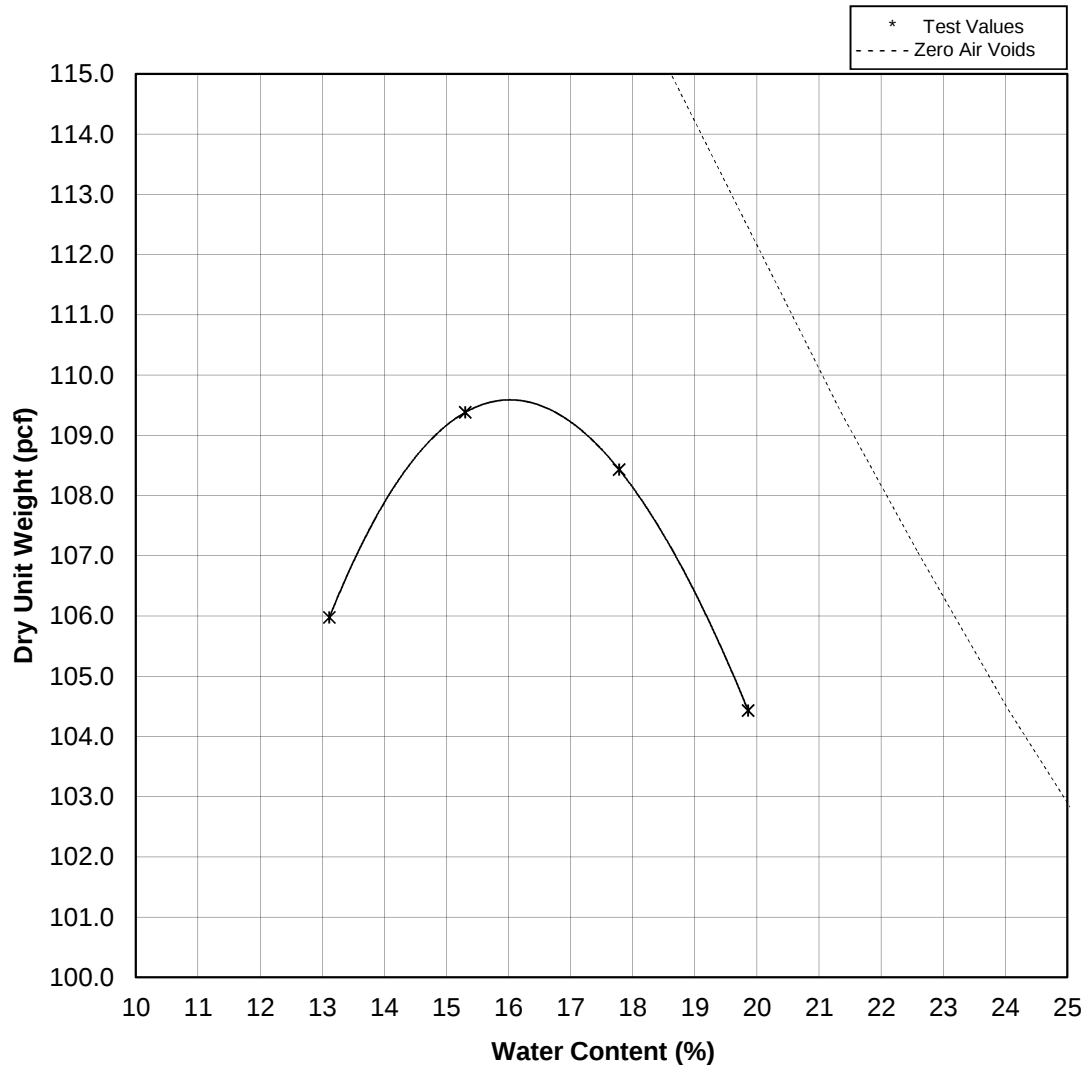
Input By: JMM

Date: 10/28/16

Checked By: DTC

Date: 10/28/16

LABORATORY COMPACTION TEST



GEOTECHNOLOGY INC.
FROM THE GROUND UP

Checked By: _____
Date: _____



GEOTECHNOLOGY INC.
FROM THE GROUND UP

ASTM D4318 - Liquid Limit, Plastic Limit, and Plasticity Index of Soils

Project: <u>Webster ISB</u>	Project No.: <u>2008367.12</u>
Report No.:	Lab No.: <u>30</u>

Sample ID:	<u>LSN-2389</u>						
Depth:							
Type of Test:		Natural Moisture	Natural Moisture	Liquid Limit	Liquid Limit	Plastic Limit	Plastic Limit
Tare ID:							
Number of Blows:							
Wet & Tare:	grams						
Dry & Tare:	grams						
Tare:	grams						
Moisture Content:	percent						
Corrected MC:	percent						
Average:	percent						
Plasticity Index:	percent						
Tested By:	Calculated By:			Checked By:			
Date Tested:	Date Calculated:			Date Checked:			

Sample ID:	<u>LSN-2389</u>						
Depth:							
Type of Test:		Natural Moisture	Natural Moisture	Liquid Limit	Liquid Limit	Plastic Limit	Plastic Limit
Tare ID:				<u>101</u>	<u>38</u>	<u>84</u>	<u>59</u>
Number of Blows:				<u>26</u>	<u>28</u>		
Wet & Tare:	grams			<u>28.22</u>	<u>31.54</u>	<u>25.67</u>	<u>27.17</u>
Dry & Tare:	grams			<u>23.81</u>	<u>26.21</u>	<u>24.12</u>	<u>25.38</u>
Tare:	grams			<u>11.50</u>	<u>11.32</u>	<u>16.30</u>	<u>16.28</u>
Moisture Content:	percent			<u>35.8</u>	<u>35.8</u>	<u>19.8</u>	<u>19.7</u>
Corrected MC:	percent			<u>36.0</u>	<u>36.3</u>		
Average:	percent			<u>36</u>		<u>20</u>	
Plasticity Index:	percent						<u>16</u>
Tested By: <u>JMM</u>	Calculated By: <u>JMM</u>			Checked By:			
Date Tested: <u>10/27/16</u>	Date Calculated: <u>10/28/16</u>			Date Checked:			