

REQUIREMENTS

The average work per foot in pound force-inch values for straight propulsion and for turning with material should be less than the average work per foot values for straight and turning on flat surface with a grade of 7.1%.

TEST EQUIPMENT

Detroit Testing Laboratory, Inc.'s calibration system meets the requirements of ISO 17025:1999.

DTL ID	Description	Manufacturer	Model	Calib. Due
09357	Signal Conditioner	Daytronics	3370	7/07
09715	Reaction Torque Sensor	Lebow	2110220500	7/07
09696	Digital Protractor	Mitutoyo	Pro 360	4/03
	Wheelchair	Quickie	Q2	NCR
	Wheelchair Fixture	DTL	-	NCR

SAMPLE DISPOSITION

The sample material will be retained for fifteen (15) days, then disposed of at the discretion of DTL unless otherwise requested.

Reported by:

DETROIT TESTING LABORATORY, INC.

David Splane
Certification Programs Coordinator

Keith G. Shelton
Certification Program Manager

DS

Enclosure: Terms and Conditions

TEST RESULTS

Wheelchair Measurement Test

Procedure:

The sample material was prepared by Robertson Industries in a 5 foot X 5 foot wooden frame at a depth of 1.5 inches. The sample was cut by DTL enabling appropriate test arrangement. The sample was tested by propelling the wheelchair with four (4) even pushes across the material 6.56 feet within eight (8) seconds. This process was repeated five (5) times for each test (straight and 90° turn propulsions).

Results

The table below shows the results for each trial. Per ASTM F1951-99, the work force averages were determined averaging the three median trials, discarding the highest and lowest values.

Run #	No Material work per foot in pound force-inch	With Material work per foot in pound force-inch
Straight Run 1	109.28	39.13
Straight Run 2	118.53	39.45
Straight Run 3	109.10	31.94
Straight Run 4	109.06	34.74
Straight Run 5	109.52	31.17
Average	109.30	35.27
Turn Run 1	118.34	41.51
Turn Run 2	111.81	39.65
Turn Run 3	109.51	44.37
Turn Run 4	110.88	41.10
Turn Run 5	114.21	44.48
Average	112.23	42.33

Remarks:

The wheelchair rider weight was 172lbs., which combined with the wheelchair for a total of 207lbs.

TEST REPORT

ROBERTSON INDUSTRIES
4145 W. Mercury Way
Chandler, AZ 85226

DTL REPORT NO 7028006-1
REPORT DATE 5/8/07
RECEIVE DATE 3/27/07

ATTN: Mr. Richard Hawley

SAMPLE DESCRIPTION

Robertson Industries submitted one 5 foot X 5 foot X 1.5in thick sample of unitary rubber material identified as TotTurf. Testing was performed on 5/7/07.

WORK REQUESTED/TEST SPECIFICATIONS

1. Wheelchair work measurement method – straight propulsion with no material on a flat surface with a grade of 7.1%.
2. Wheelchair work measurement method – straight propulsion with material and no grade.
3. Wheelchair work measurement method – turning 90° with no material on a flat surface with a grade of 7.1%.
4. Wheelchair work measurement method – turning 90° with material and no grade.

REFERENCE DOCUMENTS

ASTM F1951-99 - Determination of Accessibility of Surface Systems Under and Around Playground Equipment

CONCLUSION

The average work force over one foot, in pound force-inch values measured lower when propelling the wheelchair the 1.5in.TotTurf material than when propelling the wheelchair over a flat surface with a grade of 7.1%. The material met the requirements of ASTM F1951-99.

1 RUBBER SURFACING ASTM 1951 TEST FOR TT350
SCALE: NTS

NOTE: HIGH-CONTRAST WARNING STRIPES SHALL BE APPLIED TO EDGES AT CHANGES IN LEVEL. 2" WIDE, 1" CLR OF NOSING, ADHESIVE BACKED, SANDED NON-SLIP SURFACE APPLIED STRIPS. SUBMIT PRODUCT DATA. DARK BROWN COLOR

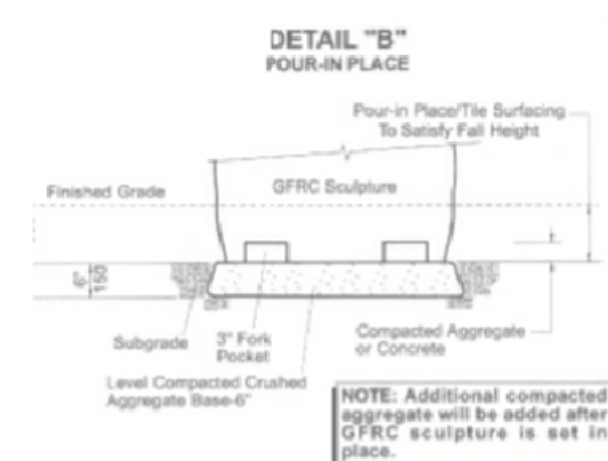
Custom Transfer Stump

Design Details #65906
Custom built ADA transfer point to configure around cloudburst slide entrance
Includes a 8" step to a 16" platform with grab bar

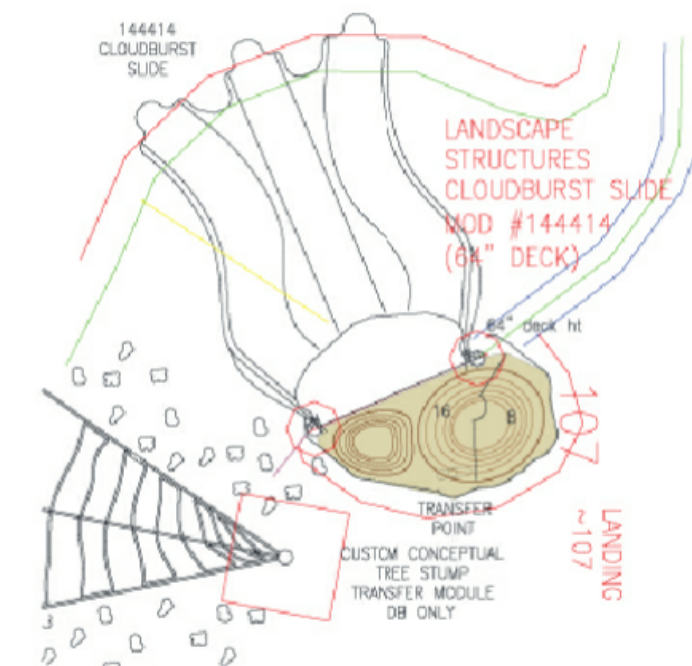
Construction Details
Built with welded internal steel tubing and rebar skeleton
18 gauge expanded metal is welded to the entire exterior
Coated with 1" sprayed (GFR) sculptural concrete
Painted with concrete paint / stain
Designed on a fork pocket skid
Bury depth = 12" unless noted otherwise



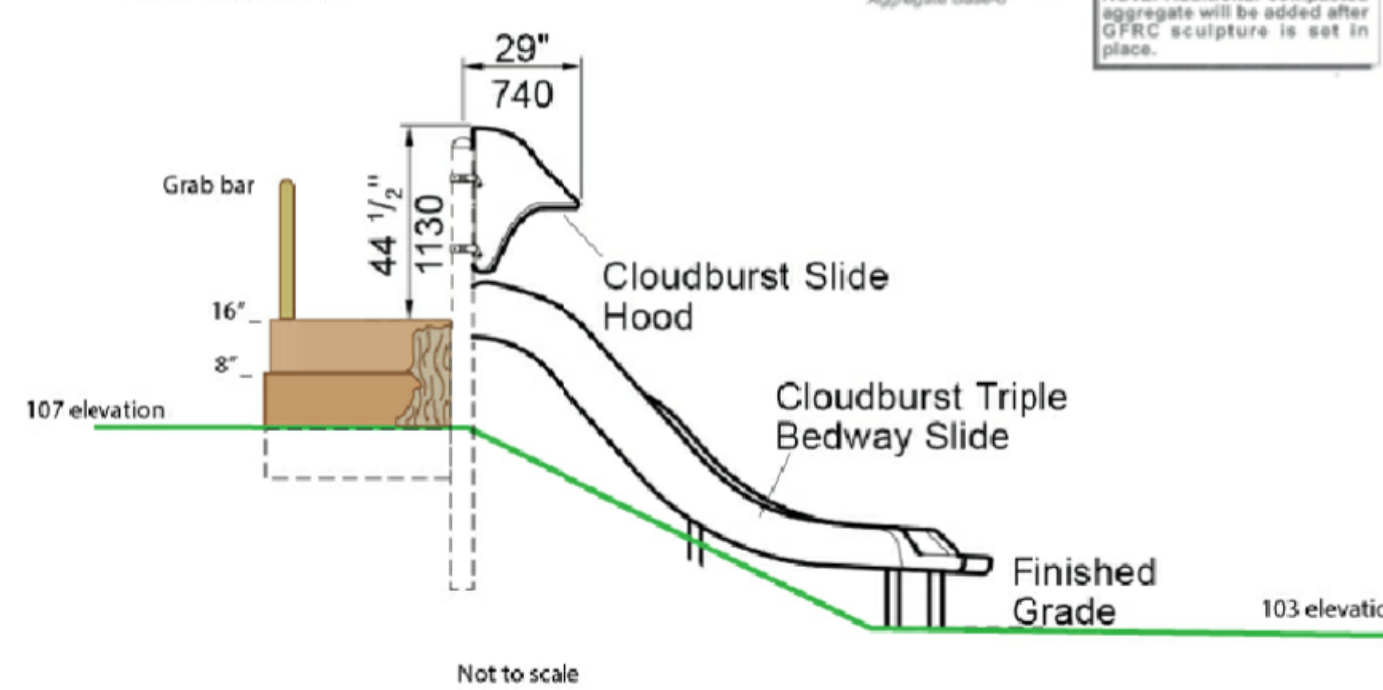
Reference picture only



NOTE: Additional compacted aggregate will be added after GFR enclosure is set in place.

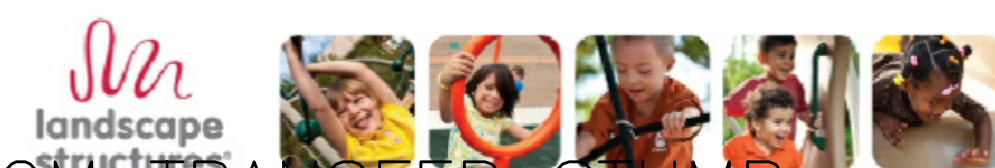


Conceptual design only and is subject to possible changes



Not to scale

Custom GFR lead times can be 12-16 weeks



Better playgrounds.
Better world.
playlsi.com

Robin Sweeney Ross Recreation Equipment Company Inc. 9-3-2015



IPEMA Certificate of Compliance

CERTIFICATE

ISSUE DATE: 9/2/2004

In the interest of public playground safety, IPEMA provides a third-party certification service whereby Detroit Testing Laboratory, Inc. validates a manufacturer's certification of conformance to the ASTM F1292, Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment Standard. The manufacturer listed below has received written validation from Detroit Testing Laboratory, Inc. that the products listed below conform with the requirements of ASTM F1292.

MANUFACTURER	PRODUCT #	PRODUCT LINE	DESCRIPTION	THK/HT RATIO
Robertson Industries, Inc. 4145 W. Mercury Way, Chandler, AZ 85226 United States	TT350	TotTurf	Poured-In-Place rubber, playground safety surfacing	3.5in/8ft

1 of 1

You may verify this certificate by visiting IPEMA's website at <http://www.ipema.org>

3 CUSTOM TRANSFER STUMP
SCALE: NTS

2 RUBBER SURFACING ASTM 1292 TEST FOR TT350
SCALE: NTS

- 1. PLANNING SUBMITTAL 02.01.2013
- 2. PLANNING SUBMITTAL 10.15.2013
- 3. PLANNING SUBMITTAL 07.29.2015
- 4. PERMIT SUBMITTAL 10.02.2015

no. description

key map

date 10.02.2015

scale AS SHOWN

project no. COS10-01

**CONSTRUCTION
DETAILS**

sheet title

L9.11

sheet no.



TEST REPORT

CLIENT: Grass Tex PO Box 962 Dalton, GA 30722	REPORT NUMBER: 40592 LAB TEST NUMBER: 1909-2594 DATE: March 10, 2008
--	---

Test Material: Big Cypress
Pad System: 2.125" Poly Green Medium Density
Sub Base: Concrete
Date of Receipt: March 5, 2008
Testing Period: March 6-7, 2008
Authorization: Bucky McCamy
Test Requested: The submitted sample was evaluated for Shock Absorbing Properties in Accordance with the procedures outlined in *ASTM F 1292-04, Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.*

Test Results: Continued on the following pages ...

Prepared and signed by:

[Signature]
 Erle Miles, Jr VP
 Testing Services Inc

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsisdalton.com



Report#: 40592
Date: 3/10/08
Page: 2 of 5

Client: Grass Tex
PO Box 962
Dalton, GA 30722

Results:
Sample: Big Cypress over 2.125" Poly Green Medium Density pad over concrete
Tested Dimension: 18" X 18"
Test Procedure: ASTM F 1292-04
Impact Location: Center of Turf
Misalle: Hemispherical (Triaxial Accelerometer); Total Drop Assembly Weight (46g) 10 lbs
Test Equipment: Triax 2000 Surface Impactor
Date of Last Calibration: 4/25/06 by Alpha Automation
Sample Pre-Condition: 50±10% RH, 72F±5F for a minimum of 24 hrs prior to testing
Sample Conditioning: 8 hrs @ each reference temperatures prior to testing

Temperature: Maximum Drop Height That Gives a G_{max} of 200 or Less and a HIC of 1000 or less

Ambient, 72°F (23°C)	8'
Hot, 120°F (49°C)	8'
Cold, 25°F (-6°C)	8'
Critical Fall Height (CFH):	8'

Reference G_{max} Curves Included

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsisdalton.com



Report#: 40592
Date: 3/10/08
Page: 3 of 5

Client: Grass Tex
PO Box 962
Dalton, GA 30722

Results
Temperature: 72°F (23°C) **Sample Condition:** Dry

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	21.5	1	7'	7.16'	103	572
2	21.6	5	7'	7.25'	103	545
3	21.6	6	7'	7.25'	109	576
Average			Drops 2,3		106	581

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	23.2	2	8'	8.36'	132	839
2	23.2	3	8'	8.36'	132	879
3	23.2	2	8'	8.36'	126	833
Average			Drops 2,3		130	856

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	24.5	0	9'	9.33'	156	1111
2	24.6	0	9'	9.40'	145	1009
3	24.5	2	9'	9.33'	156	1111
Average			Drops 2,3		151	1060



Report#: 40592
Date: 3/10/08
Page: 4 of 5

Client: Grass Tex
PO Box 962
Dalton, GA 30722

Results
Temperature: 120°F (49°C) **Sample Condition:** Dry

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	21.6	5	7'	7.25'	125	691
2	21.7	5	7'	7.32'	137	794
3	21.7	3	7'	7.32'	143	877
Average			Drops 2,3		140	836

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	23.2	4	8'	8.36'	151	959
2	23.2	2	8'	8.36'	157	1038
3	23.2	5	8'	8.36'	142	888
Average			Drops 2,3		150	963

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	24.6	1	9'	9.40'	177	1281
2	24.6	2	9'	9.40'	172	1285
3	24.6	1	9'	9.40'	184	1316
Average			Drops 2,3		178	1301

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsisdalton.com



Report#: 40592
Date: 3/10/08
Page: 5 of 5

Client: Grass Tex
PO Box 962
Dalton, GA 30722

Results
Temperature: 25°F (-6°C) **Sample Condition:** Frozen

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	21.7	4	7'	7.32'	111	667
2	21.7	2	7'	7.32'	113	691
3	21.8	2	7'	7.39'	122	740
Average			Drops 2,3		118	716

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	23.2	7	8'	8.36'	121	824
2	23.2	4	8'	8.36'	130	893
3	23.2	2	8'	8.36'	138	970
Average			Drops 2,3		134	932

Drop #	Velocity ft/sec	Angle°	Drop Ht. / Actual	Drop Ht. / Theoretical	Gmax	HIC
1	24.5	7	9'	9.33'	134	1000
2	24.5	3	9'	9.33'	143	1085
3	24.6	4	9'	9.40'	145	1076
Average			Drops 2,3		144	1071

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsisdalton.com

1 SYNTHETIC TURF FOAM UNDERLAYMENT ASTM F1292 CERTIFICATION TEST
 SCALE: NTS



consultant

CITY OF SAUSALITO

owner

ROBIN SWEENEY PARK

APN 064-165-012

420 LITHO STREET SAUSALITO, CA, 94965

project

- 1. PLANNING SUBMITTAL 02.01.2013
- 2. PLANNING SUBMITTAL 10.15.2013
- 3. PLANNING SUBMITTAL 07.29.2015
- 4. PERMIT SUBMITTAL 10.02.2015

no. description

key map

date 10.02.2015

scale AS SHOWN

project no. COS10-01

CONSTRUCTION DETAILS

sheet title

L9.12

sheet no.

Only the original, signed hard copy of this drawing constitutes Contract & Associates professional work product. electronic copies do not. Contract & Associates will not be responsible for any modifications made to this drawing electronic or otherwise that is not signed by Contract & Associates. If the contractor encounters errors or discrepancies on the drawings or site conditions which prevent or delay the completion of work as indicated, the contractor shall notify the owner and landscape architect by the time of bid of all such errors, discrepancies and omissions. The contractor shall indemnify and hold the landscape architect and the owner harmless if either contracting for the work he has monetary damage because of site conditions, errors, discrepancies or omissions at the time of bid.



CLIENT:	Controlled Products	REPORT NUMBER:	60721B
	200 Howell Drive	LAB TEST NUMBER:	2607-9496
	Dalton, GA 30721	DATE:	May 13, 2014

Style	Roll #	Backing	Sidemark	RE:	Underlayment	Infill
PL929	18C78103A	Urethane	PL929-Playground/ Landscape Testing	30193	2" Polygreen Playground Pad	None

INTRODUCTION: Testing Services Inc was instructed by the client, to perform ADA wheelchair accessibility for the above described material being used under and around playground equipment.

TEST METHOD: ASTM F1951: Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

REQUIREMENT: A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning less than the average work per foot (work per meter) values for straight propulsion and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1%).

PROCEDURE: **Test Surface Preparation:** Tests were conducted on 5/9/14 indoors at TSI Laboratories in an environment of 74°F and 53% R.H. The synthetic turf was installed over the 2" Polygreen Playground Pad in a wooden box (44"W x 117"L). The system, prior to testing, was slightly compacted using a water-filled lawn roller to simulate foot traffic.

Wheelchair Operator: The wheelchair used in these tests was manufactured by Incvare, Model Action Xtra, serial Number 98J84142. This wheelchair is totally adjustable, a necessity for these tests. The pneumatic tires were inflated to 60 psi on the rear and 32 psi on the front. The weight of the wheelchair was 24.25 pounds and the operator's weight was 165 pounds for a total of 189 pounds. The operator's distribution was adjusted to 60% on the rear wheels and 40% on the front.

Torque Measuring System: A certified Dillon Electronic Force Gauge, Model BFG 500N, SIN 98-2277-07 was used as an interface between a Dell Laptop and a certified Dillon Smart Torque Wrench, SIN 97-0085-01. Software, also from Dillon, logged the load vs. time and integrated the area under the resulting curves. The adapters and accessories needed to attach the instrumentation were fabricated locally. This total package added 10 pounds to the total weight bringing the total to 199 pounds.

TEST RESULTS:

Baseline Straight (Average Work/Ft-Force)	PL929 Synthetic turf over a 2" pad listed above (Average Work/Ft-Force)
13.75 lbs	9.04 lbs
Baseline Turning (Average Work/Ft-Force)	PL929 Synthetic turf over a 2" pad listed above (Average Work/Ft-Force)
10.21 lbs	7.45 lbs

CONCLUSION: The above listed material meets/exceeds both the straight line and turning propulsion requirements set forth in this test method and therefore, passes the standard.

Erle Miles, Jr V.P., Testing Services Inc
 TSI Accreditation: Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology; ISO/IEC 17025:2005. Our code # is NJLAP 100184. However, it should be noted that some or all of the tests performed are not under our scope of accreditation due to the work not fully conforming to the standard, or it being outside the scope of our accreditation, or subcontracted.

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsilabdalton.com

TEST REPORT

CLIENT:	Controlled Products	REPORT NUMBER:	63682
	PO Box 2008	LAB TEST NUMBER:	2704-5283
	Dalton, GA 30722	DATE:	April 23, 2015
		PAGE:	1 of 1

Style	Color	Roll #	Backing	Sidemark	Padding	Sub Base	Reference
PL906	625	2C0177189	Urethane	CARDUCCI	2" Polygreen Foam	2.0" Aggregate Rock	30336

INTRODUCTION: Testing Services Inc was instructed by the client, to perform ADA wheelchair accessibility for the above described material being used under and around playground equipment.

TEST METHOD: ASTM F1951: Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

REQUIREMENT: A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning less than the average work per foot (work per meter) values for straight propulsion and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1%).

PROCEDURE: **Test Surface Preparation:** Tests were conducted on 4/23/15 indoors at TSI Laboratories in an environment of 65°F and 29% R.H. The synthetic turf was installed over the above identified padding and sub-base in a wooden box (44"W x 117"L). The system, prior to testing, was slightly compacted using a water-filled lawn roller to simulate foot traffic.

Wheelchair Operator: The wheelchair used in these tests was manufactured by Incvare, Model Action Xtra, serial Number 98J84142. This wheelchair is totally adjustable, a necessity for these tests. The pneumatic tires were inflated to 60 psi on the rear and 32 psi on the front. The weight of the wheelchair was 24.25 pounds and the operator's weight was 165 pounds for a total of 189 pounds. The operator's distribution was adjusted to 60% on the rear wheels and 40% on the front.

Torque Measuring System: A certified Dillon Electronic Force Gauge, Model BFG 500N, SIN 98-2277-07 was used as an interface between a Dell Laptop and a certified Dillon Smart Torque Wrench, SIN 97-0085-01. Software, also from Dillon, logged the load vs. time and integrated the area under the resulting curves. The adapters and accessories needed to attach the instrumentation were fabricated locally. This total package added 10 pounds to the total weight bringing the total to 199 pounds.

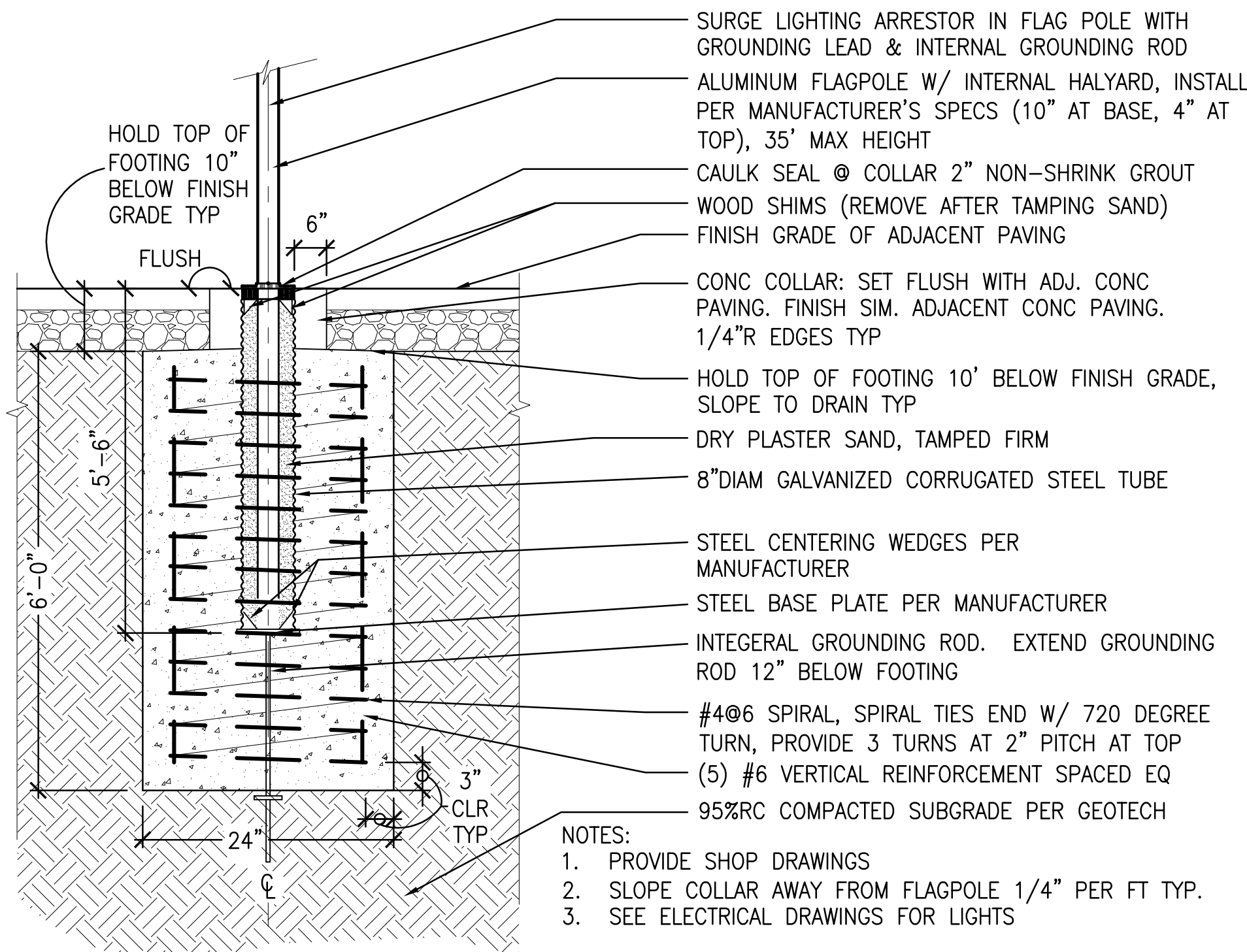
TEST RESULTS: (Average Work/Ft-Force)

Baseline Straight	PL906 Turf over 2" Polygreen pad over 2" Aggregate Rock
14.33 lbs	11.36 lbs
Baseline Turning	PL906 Turf over 2" Polygreen pad 2" Aggregate Rock
10.14 lbs	7.39 lbs

CONCLUSION: The above listed material meets/exceeds both the straight line and turning propulsion requirements set forth in this test method and therefore, passes the standard.

Erle Miles, Jr V.P., Testing Services Inc
 TSI Accreditation: Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology; ISO/IEC 17025:2005. Testing Services, Inc is a certified independent laboratory by the Synthetic Turf Council.

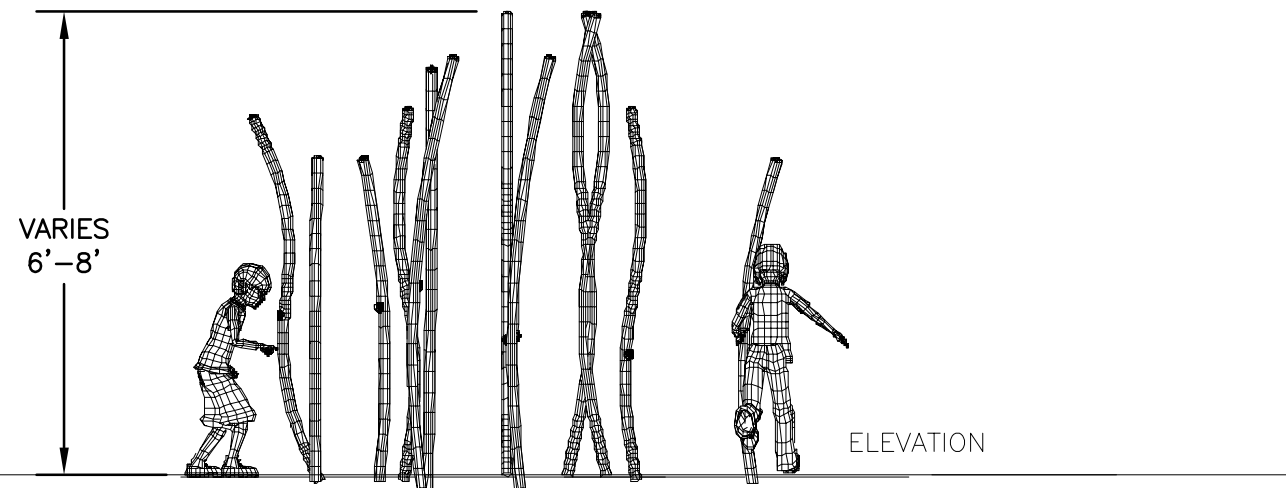
OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsilabdalton.com



- NOTES:**
1. PROVIDE SHOP DRAWINGS
 2. SLOPE COLLAR AWAY FROM FLAGPOLE 1/4" PER FT TYP.
 3. SEE ELECTRICAL DRAWINGS FOR LIGHTS

4 FLAG POLE FOOTING
 SCALE: 1/2" = 1'

1 SYNTHETIC TURF ASTM F1951 CERTIFICATION TEST FOR PL929 AND PL906
 SCALE: NTS



**Poly-Green Foam
 GreenFoam Playground Pad**

- GreenFoam Playground pad is a high quality environmentally friendly shock absorbing and drainage pad for use beneath commercial and residential synthetic turf systems.
- GreenFoam pad is made from 99% recycled, non-contaminated post industrial cross link closed cell polyethylene foam. The product is 100% recyclable.
- The highly porous design of GreenFoam Playground Pad underneath synthetic turf enhances field drainage both vertically and laterally.
- Provides consistent 1292-04 Hic and GMAX ratings.
- Depending on local soil conditions, GreenFoam Playground pad can be used as partial or total replacement of crushed stone beneath turf.
- Features a geotextile fabric on one side of product to inhibit weed growth.
- Material does not absorb water or other liquids so it is ready to play shortly after rain stops.
- GreenFoam is highly elastic so it retains its shock absorption characteristics for many years.
- GreenFoam is completely free of rubber.
- GreenFoam is lead and heavy metal free.
- Material is non-degradable.
- 8 Year Warranty with 2-3 Turf Cycle Life Expectancy.
- Available in 4'X6' Panels.

Product Data Sheet

Material Composition: 99% Recycled, non-contaminated, post industrial, cross-link, closed cell polyethylene foam. Test Data & MSDS sheets available on request.

2 1/8" Playground Pad – Planed on one side

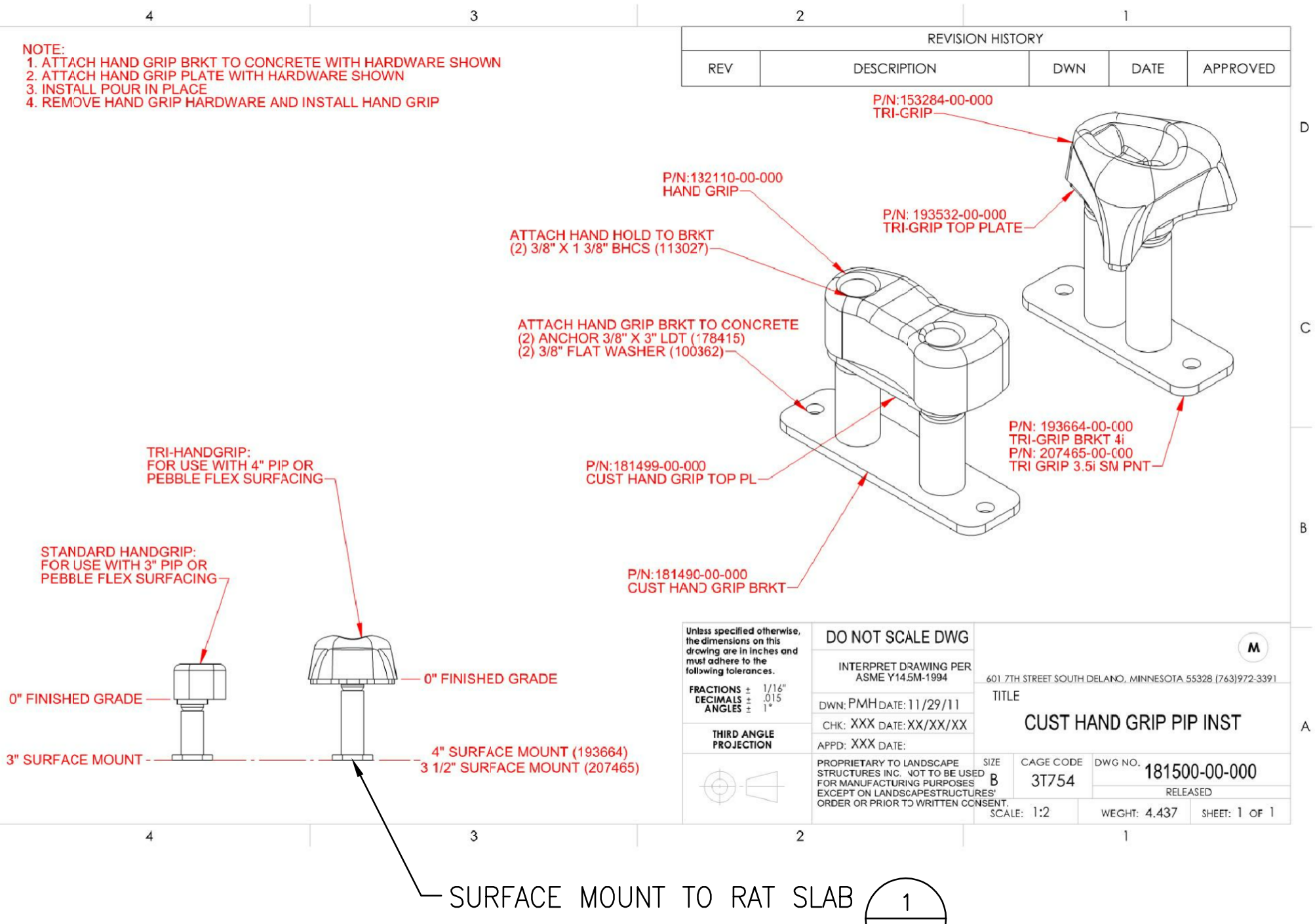
Measurement	Test Method	Results	
		Average	Direct
Weight:		.85 - 1.2 lbs per square foot	
Thickness:		2 1/8" +1/8"	
Density:		5-7 lbs/cu/ft feet	
Tensile Strength:	ASTM 3574	34-36 PSI	
Drainage Characteristics:			
Horizontal Flow Rate	Average ASTM 4716	5.1709 Gal/Min/Ft	
Vertical Permeability	Average ASTM D 2474	>36 Gal/Min/Sq Ft	
Transmissivity m2/sec	Average ASTM 4716	2.14E-003	

Poly-Green Foam, LLC
 1705 Gulf Street
 Lamar, MO 64759
 877-302-8625

2 POLYGREEN FOAM PAD
 SCALE: NTS

3 WILLOW TALK TUBES
 SCALE: NTS

5 HAND HOLDS
 SCALE: 7/85/128" = 1'



REV	DESCRIPTION	DWN	DATE	APPROVED
1				

DO NOT SCALE DWG
 INTERPRET DRAWING PER ASME Y14.5M TYP
 401 7TH STREET SOUTH DALLAS, MINNESOTA 55328 (763)972-3391
 DWN: PMH/DATE: 11/29/11
 CHK: XXX/DATE: XXX/XXX/XX
 TITLE: CUST HAND GRIP PIP INST
 APPD: XXX/DATE:
 PROPRIETARY TO LANDSCAPE SIZE: 31754
 STRUCTURES INC. NOT TO BE USED FOR MANUFACTURING PURPOSES EXCEPT ON LANDSCAPE STRUCTURES. ORDER OR PRIOR TO WRITTEN CONSENT. SCALE: 1:2 WEIGH: 4.437 SHEET: 1 OF 1

5 HAND HOLDS
 SCALE: 7/85/128" = 1'



consultant

CITY OF SAUSALITO

owner

ROBIN SWEENEY PARK

APN 064-165-012

420 LITHO STREET
 SAUSALITO, CA, 94965

project

1. PLANNING SUBMITTAL 02.01.2013
2. PLANNING SUBMITTAL 10.15.2013
3. PLANNING SUBMITTAL 07.29.2015
4. PERMIT SUBMITTAL 10.02.2015

no. description

key map

date 10.02.2015

scale AS SHOWN

project no. COS10-01

CONSTRUCTION DETAILS

sheet title

L9.13

sheet no.