

July 16, 2018



ENTECH
ENGINEERING, INC.

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

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Attn: Raul Guzman

Re: Density Testing – Records Review
Windingwalk Filings 1 and 2 and
Stonebridge The Enclave Filings 4 and 5
El Paso County, Colorado

Dear Mr. Guzman:

As requested, personnel of Entech Engineering, Inc. have reviewed the records of soil density testing for the overlot grading at the above-referenced project.

Entech obtained records of fill testing by CTL Thompson for portions of this subdivision in the areas of overlot grading. The compaction test reports were dated between April 25, 2014 and July 14, 2014, Project Number CS18252.000 with over 150 soil density tests taken. Copies of field reports are attached. The fill tested was located along the western side of the development. Notably, the fill stock piles shown on Entech's geology map were not tested in areas indicating fill in the soils geology report.

Based on our review of the fill records and comparisons made between the older and current development plans, periodic observation and testing was performed in the areas of the proposed developments by CTL. The fill depths recorded in Entech's soils investigation closely correlates to the depths of fills tested by CTL.

We trust this letter has provided you with the information required to construct the proposed detention pond. If you have any questions or need additional information, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.


Logan L. Langford
Geologist

LLL/sc
Entech Job No. 171198
F:\AA projects\2017\171198\171198 ssi_addltr

Reviewed By:


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



Field Density Test Reports
Stonebridge, Filing No. 1
CTL Thompson Job. No. CS18252.000

Field Density reports

F:\AA projects\2017\171198\171198 dp

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 04/22/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 1 SHEET: 1 OF 1
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN
 LONDONDERRY DRIVE AND RAINBOW BRIDGE
 FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
NO TESTS PERFORMED									

SPECIFICATIONS: _____ % OF MAXIMUM _____
 MOISTURE WITHIN _____ TO _____ % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY _____
 TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:
(4) SCRAPERS; (1) GRADER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT _____ INCHES

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS REMOVING MATERIAL FROM THE NORTHEAST SIDE OF THE SITE ADJACENT TO LONDONDERRY DRIVE AND PLACING IT IN THIN, LOOSE LIFTS ALONG THE WEST SIDE OF THE SITE. RICE AND RICE WAS ALSO MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT. AN INSUFFICIENT AMOUNT OF FILL WAS PLACED THROUGHOUT THE DAY TO WARRANT TESTING. A SAMPLE WAS OBTAINED FOR LABORATORY ANALYSIS. A SITE VISIT WAS REQUESTED FOR APRIL 23, 2014. THE ON-SITE WEATHER WAS SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 71 DEGREES FAHRENHEIT.

- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME PERIODIC, ON CALL BASIS; CONTRACTOR'S OR CLIENT'S REPRESENTATIVE

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE
 RK:LC



W. C. Hoffmann, Jr.
 APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 04/25/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 2 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
1	10' S + 6' W OF PLOT POINT 2034	2.0	NUC	130.0	8.0	127.8	6.3	98	CURVE NO 1 JOB NO CS18252.000
2	20' S + 40' W OF PLOT POINT 2038	4.0	NUC	130.0	8.0	129.0	9.0	99	CURVE NO 1 JOB NO CS18252.000
3	5' S + 10' E OF PLOT POINT 2279	4.5	NUC	130.0	8.0	123.1	6.4	95	CURVE NO 1 JOB NO CS18252.000
4	25' N + 10' W OF PLOT POINT 2047	2.0	NUC	130.0	8.0	126.2	8.1	97	CURVE NO 1 JOB NO CS18252.000
5	15' S + 12' E OF PLOT POINT 2178	3.5	NUC	130.0	8.0	126.3	6.7	97	CURVE NO 1 JOB NO CS18252.000
6	17' S + 5' W OF PLOT POINT 2175	2.5	NUC	130.0	8.0	126.3	7.1	97	CURVE NO 1 JOB NO CS18252.000
7	10' S + 20' E OF PLOT POINT 2043	2.0	NUC	130.0	8.0	127.8	7.5	98	CURVE NO 1 JOB NO CS18252.000
8	12' N + 15' E OF PLOT POINT 2031	1.5	NUC	130.0	8.0	126.1	7.8	97	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) DOZER; (1) GRADER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 1 THRU 8
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION:

FULL TIME

PERIODIC, ON CALL BASIS

CONTROL FOR OR CLIENT'S REPRESENTATIVE

KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



W. C. Hoffmann, Jr.
 (RICE AND RICE)
 APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 04/25/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 2 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COM-PACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) DOZER; (1) GRADER

PROGRESS REPORT

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS REMOVING MATERIAL FROM THE NORTH SIDE OF THE SITE, EAST OF MOUNT PRINCETON DRIVE, AND PLACING IN THIN, LOOSE LIFTS SOUTH OF LONDONDERRY DRIVE BETWEEN MOUNT PRINCETON DRIVE AND GOLF CREST DRIVE. THE CONTRACTOR WAS ALSO MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL. A SITE VISIT WAS REQUESTED FOR APRIL 28, 2014. THE ON-SITE WEATHER WAS SUNNY AND WINDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 72 DEGREES FAHRENHEIT.

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 1 THRU 8

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME PERIODIC, ON CALL BASIS CONTINUOUS OR CLIENT'S REPRESENTATIVE ADVISED

FIELD REPRESENTATIVE: RYAN KROLIKOWSKI APPROVED BY: WILLIAM C. HOFFMANN, JR., P.E.

RK:LC



Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/01/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 3 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
9	17' N + 15' E OF PLOT POINT 2051	1.0	NUC	130.0	8.0	124.8	6.2	96	CURVE NO 1 JOB NO CS18252.000
10	1' N + 25' E OF PLOT POINT 2053	1.5	NUC	130.0	8.0	123.8	7.0	95	CURVE NO 1 JOB NO CS18252.000
11	5' S + 20' E OF PLOT POINT 2279	1.5	NUC	130.0	8.0	125.5	7.1	97	CURVE NO 1 JOB NO CS18252.000
12	17' N + 5' E OF PLOT POINT 2035	0.5	NUC	130.0	8.0	124.3	6.2	96	CURVE NO 1 JOB NO CS18252.000
13	15' S + 25' E OF PLOT POINT 9017	6.0	NUC	130.0	8.0	124.1	6.2	95	CURVE NO 1 JOB NO CS18252.000
14	7' S + 8' W OF PLOT POINT 2170	0.5	NUC	130.0	8.0	127.4	7.4	98	CURVE NO 1 JOB NO CS18252.000
15	14' N + 13' W OF PLOT POINT 2365	4.0	NUC	130.0	8.0	126.8	7.2	98	CURVE NO 1 JOB NO CS18252.000
16	35' N + 10' W OF PLOT POINT 2369	3.0	NUC	130.0	8.0	126.3	8.5	97	CURVE NO 1 JOB NO CS18252.000
17	9' S + 4' E OF PLOT POINT 2177	2.0	NUC	130.0	8.0	127.5	7.8	98	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER TRUCK

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) SCRAPER; (1) DOZER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 9 THRU 19

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



William C. Hoffmann, Jr.
 WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/01/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 3 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COM-PACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
18	8' N + 10' E OF PLOT POINT 2379	5.0	NUC	130.0	8.0	125.0	9.4	95	CURVE NO 1 JOB NO CS18252.000
19	30' N + 7' E OF PLOT POINT 2046	0.0	NUC	130.0	8.0	128.0	7.8	98	CURVE NO 1 JOB NO CS18252.000

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER TRUCK

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) SCRAPER; (1) DOZER

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING FILL SOUTH OF LONDONDERRY DRIVE. THE ON-SITE WEATHER WAS SUNNY AND WINDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 47 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

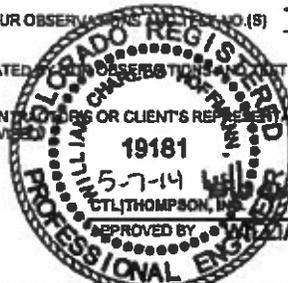
IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 9 THRU 19
 IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME, PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/06/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 4 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
20	20' N + 15' W OF PLOT POINT 2373	2.0	NUC	130.0	8.0	126.0	6.9	97	CURVE NO 1 JOB NO CS18252.000
21	42' N + 2' W OF PLOT POINT 2379	1.0	NUC	130.0	8.0	123.8	6.3	95	CURVE NO 1 JOB NO CS18252.000
22	35' S + 7' E OF PLOT POINT 2171	0.0	NUC	130.0	8.0	129.9	6.8	100	CURVE NO 1 JOB NO CS18252.000
23	20' N + 5' W OF PLOT POINT 2170	0.0	NUC	130.0	8.0	123.8	6.6	95	CURVE NO 1 JOB NO CS18252.000
24	15' S + 15' W OF PLOT POINT 2266	0.0	NUC	130.0	8.0	129.6	7.0	100	CURVE NO 1 JOB NO CS18252.000
25	10' S + 25' W OF PLOT POINT 2268	0.0	NUC	130.0	8.0	128.8	7.5	99	CURVE NO 1 JOB NO CS18252.000
26	15' N + 25' W OF PLOT POINT 9022	2.5	NUC	130.0	8.0	127.6	6.9	98	CURVE NO 1 JOB NO CS18252.000
27	50' S + 10' W OF PLOT POINT 2542	0.0	NUC	130.0	8.0	127.0	6.9	98	CURVE NO 1 JOB NO CS18252.000
28	7' S + 25' W OF PLOT POINT 2274	1.5	NUC	130.0	8.0	129.0	7.1	99	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(1) GRADER; (1) DOZER; (3) SCRAPERS

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

20 THRU 34

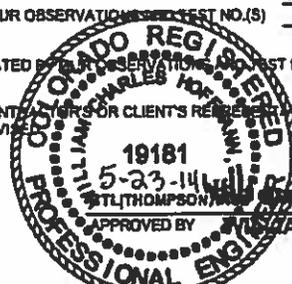
- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINGENT OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



(RICE & RICE)
C. Hoffmann, Jr.
 APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/06/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 4 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
29	12' S + 25' W OF PLOT POINT 2277	0.5	NUC	130.0	8.0	127.4	6.7	98	CURVE NO 1 JOB NO CS18252.000
30	15' S + 2' E OF PLOT POINT 2285	0.0	NUC	130.0	8.0	123.9	6.4	95	CURVE NO 1 JOB NO CS18252.000
31	17' N + 12' E OF PLOT POINT 2180	0.0	NUC	130.0	8.0	123.5	6.2	95	CURVE NO 1 JOB NO CS18252.000
32	27' N + 14' E OF PLOT POINT 2189	5.0	NUC	130.0	8.0	125.7	6.6	97	CURVE NO 1 JOB NO CS18252.000
33	8' N + 4' E OF PLOT POINT 2216	3.0	NUC	130.0	8.0	129.3	7.8	99	CURVE NO 1 JOB NO CS18252.000
34	15' N + 6' W OF PLOT POINT 2194	1.0	NUC	130.0	8.0	129.1	7.4	99	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(1) GRADER; (1) DOZER; (3) SCRAPERS

PROGRESS REPORT

DURING THE MULTIPLE SITE VISITS, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING FILL SOUTH OF LONDONDERRY DRIVE AND WEST OF MOUNT PRINCETON DRIVE. A SITE VISIT WAS REQUESTED FOR MAY 7, 2014. THE ON-SITE WEATHER WAS MOSTLY CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 74 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

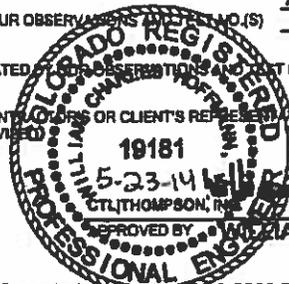
- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 20 THRU 34
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE ADVISED

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



KIRK

**(RICE & RICE)
 C. Hoffmann, Jr.**

APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/09/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 5 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
35	12' N + 10' E OF PLOT POINT 2375	3.0	NUC	130.0	8.0	128.6	7.9	99	CURVE NO 1 JOB NO CS18252.000
36	25' N + 4' W OF PLOT POINT 2379	2.5	NUC	130.0	8.0	126.9	7.6	98	CURVE NO 1 JOB NO CS18252.000
37	15' N + 25' W OF PLOT POINT 2190	4.0	NUC	130.0	8.0	128.6	8.1	99	CURVE NO 1 JOB NO CS18252.000
38	10' S + 50' E OF PLOT POINT 2175	2.5	NUC	130.0	8.0	126.2	7.1	97	CURVE NO 1 JOB NO CS18252.000
39	20' N + 15' E OF PLOT POINT 2309	7.5	NUC	130.0	8.0	125.0	7.0	96	CURVE NO 1 JOB NO CS18252.000
40	16' S + 10' W OF PLOT POINT 2091	4.5	NUC	130.0	8.0	124.2	6.8	96	CURVE NO 1 JOB NO CS18252.000
41	25' N + 17' E OF PLOT POINT 2229	6.0	NUC	130.0	8.0	127.8	8.4	98	CURVE NO 1 JOB NO CS18252.000
42	10' S + 5' W OF PLOT POINT 2084	5.0	NUC	130.0	8.0	125.6	8.2	97	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) DOZER; (1) GRADER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 35 THRU 42

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS ADVISORY FOR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



(RICE & RICE)

William C. Hoffmann, Jr.

APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/09/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 5 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) DOZER; (1) GRADER

PROGRESS REPORT

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

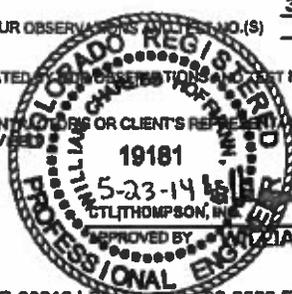
THICKNESS OF LIFT 4 TO 5 INCHES

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL SOUTH OF LONDONDERRY DRIVE, WEST OF MOUNT PRINCETON DRIVE. A SITE VISIT WAS REQUESTED FOR MAY 12, 2014. THE ON-SITE WEATHER WAS MOSTLY SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 57 DEGREES FAHRENHEIT.

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 35 THRU 42
 IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE
 RK:LC



WILLIAM C. HOFFMANN, JR., P.E.
 APPROVED BY
 (RICE & RICE)
 C. Hoffmann, Jr.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/13/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 6 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
43	8' N + 15' E OF PLOT POINT 2225	7.0	NUC	130.0	8.0	129.3	9.4	99	CURVE NO 1 JOB NO CS18252.000
44	15' N + 7' W OF PLOT POINT 2089	8.0	NUC	130.0	8.0	129.4	9.7	100	CURVE NO 1 JOB NO CS18252.000
45	22' N + 6' W OF PLOT POINT 2082	7.5	NUC	130.0	8.0	129.3	9.6	99	CURVE NO 1 JOB NO CS18252.000
46	10' N + 5' E OF PLOT POINT 2232	5.5	NUC	130.0	8.0	123.7	7.3	95	CURVE NO 1 JOB NO CS18252.000
47	12' S + 7' W OF PLOT POINT 2398	4.5	NUC	130.0	8.0	123.1	7.2	95	CURVE NO 1 JOB NO CS18252.000
48	17' S + 8' W OF PLOT POINT 2391	4.0	NUC	130.0	8.0	129.1	7.4	99	CURVE NO 1 JOB NO CS18252.000
49	15' N + 12' E OF PLOT POINT 2392	5.0	NUC	130.0	8.0	127.1	9.7	98	CURVE NO 1 JOB NO CS18252.000
50	8' N + 13' E OF PLOT POINT 2396	5.0	NUC	130.0	8.0	127.8	8.7	98	CURVE NO 1 JOB NO CS18252.000
51	13' N + 8' E OF PLOT POINT 2211	1.0	NUC	130.0	8.0	127.4	7.8	98	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) GRADER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

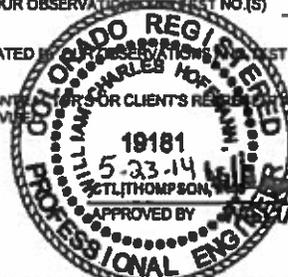
IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 43 THRU 55

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME PERIODIC, ON CALL BASIS; CONTROLLER'S OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



C. Hoffmann, Jr.
 (RICE & RICE)
 APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/13/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 6 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
52	25' N + 11' W OF PLOT POINT 2196	1.0	NUC	130.0	8.0	126.2	9.6	97	CURVE NO 1 JOB NO CS18252.000
53	6' N + 4' W OF PLOT POINT 2194	0.5	NUC	130.0	8.0	126.9	9.5	98	CURVE NO 1 JOB NO CS18252.000
54	8' S + 10' W OF PLOT POINT 2193	0.0	NUC	130.0	8.0	129.1	8.9	99	CURVE NO 1 JOB NO CS18252.000
55	20' S + 12' W OF PLOT POINT 2190	2.0	NUC	130.0	8.0	125.4	7.8	96	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) GRADER

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, RICE AND RICE WAS PLACING OVERLOT GRADING FILL IN THIN, LOOSE LIFTS ALONG THE SOUTH SIDE OF THE SITE, WEST OF MOUNT PRINCETON DRIVE. THE CONTRACTOR WAS ALSO MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE MATERIAL. A SITE VISIT WAS REQUESTED FOR MAY 14, 2014. THE ON-SITE WEATHER WAS PARTLY CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 43 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

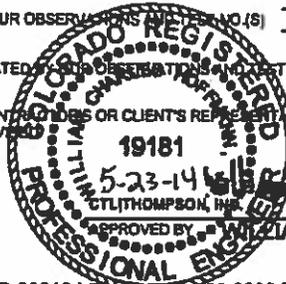
- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) 43 THRU 55
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINGUOUS OR CLIENT'S REPRESENTATIVE

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



KIRK

**(RICE & RICE)
 C. Hoffmann, Jr.**

APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/15/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 7 SHEET: 1 OF 1
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

STRIPPING VERIFICATION

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
NO TESTS PERFORMED									

SPECIFICATIONS: _____ % OF MAXIMUM _____
 MOISTURE WITHIN _____ TO _____ % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS: _____

MOISTURE ADDED BY _____

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS: _____

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT _____ INCHES

PROGRESS REPORT

PRIOR TO THE REQUESTED SITE VISIT, THE CONTRACTOR REPORTEDLY STRIPPED THE AREA OF VEGETATION, ORGANICS, AND UNCONTROLLED SPOILS OF ON-SITE MATERIAL ALONG THE SOUTH END OF THE SITE WEST OF RAINBOW BRIDGE DRIVE. DURING THE REQUESTED SITE VISIT, WE OBSERVED THE AREA TO BE FREE OF VEGETATION AND ORGANICS. THE SPOILS WERE REMOVED DOWN TO PREVIOUSLY PLACED OVERLOT GRADING FILL. A SITE VISIT WAS REQUESTED FOR MAY 16, 2014. THE ON-SITE WEATHER WAS PARTLY CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 52 DEGREES FAHRENHEIT.

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTRACTOR'S OR CLIENT'S REPRESENTATIVE

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE
 RK:LC



William C. Hoffmann, Jr.
 APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/16/14 PROJECT NUMBER: CS18252.000
Phase: 310 REPORT NUMBER: 8 SHEET: 1 OF 2
SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
56	15' N + 4' E OF PLOT POINT 2386	4.5	NUC	130.0	8.0	126.3	6.6	97	CURVE NO 1 JOB NO CS18252.000
57	3' N + 50' W OF PLOT POINT 2944	0.0	NUC	130.0	8.0	126.9	7.9	98	CURVE NO 1 JOB NO CS18252.000
58	12' S + 1' W OF PLOT POINT 2215	0.0	NUC	130.0	8.0	129.8	8.9	100	CURVE NO 1 JOB NO CS18252.000
59	40' N + 8' E OF PLOT POINT 2395	2.0	NUC	130.0	8.0	128.2	9.1	99	CURVE NO 1 JOB NO CS18252.000
60	23' S + 7' W OF PLOT POINT 2398	2.0	NUC	130.0	8.0	129.9	7.2	100	CURVE NO 1 JOB NO CS18252.000
61	14' S + 5' W OF PLOT POINT 2233	3.0	NUC	130.0	8.0	126.3	6.1	97	CURVE NO 1 JOB NO CS18252.000
62	17' S + 5' W OF PLOT POINT 2093	6.0	NUC	130.0	8.0	125.2	6.9	96	CURVE NO 1 JOB NO CS18252.000
63	23' N + 3' W OF PLOT POINT 2311	0.0	NUC	130.0	8.0	123.6	6.3	95	CURVE NO 1 JOB NO CS18252.000
64	15' S + 6' W OF PLOT POINT 2090	6.0	NUC	130.0	8.0	126.9	7.3	98	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATION OF TEST NO.(S) 56 THRU 67

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATION OF TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS FOR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



(RICE & RICE)
C. Hoffmann, Jr.
APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/16/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 8 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
65	12' S + 11' W OF PLOT POINT 2229	5.0	NUC	130.0	8.0	129.1	7.3	99	CURVE NO 1 JOB NO CS18252.000
66	20' S + 5' W OF PLOT POINT 2387	3.0	NUC	130.0	8.0	128.0	9.0	98	CURVE NO 1 JOB NO CS18252.000
67	17' N + 11' E OF PLOT POINT 2386	3.0	NUC	130.0	8.0	125.8	9.8	97	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING FILL ALONG THE SOUTH END OF THE SITE. A SITE VISIT WAS REQUESTED FOR MAY 19, 2014. THE ON-SITE WEATHER WAS SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 61 DEGREES FAHRENHEIT.

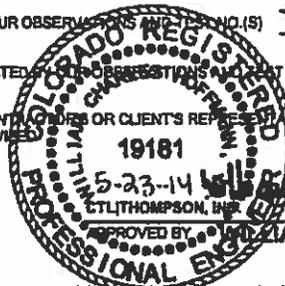
THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 56 THRU 67
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE
 RK:LC



APPROVED BY: WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/20/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 9 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
68	14' N + 6' W OF PLOT POINT 2384	3.0	NUC	130.0	8.0	124.7	9.9	96	CURVE NO 1 JOB NO CS18252.000
69	12' N + 14' E OF PLOT POINT 2226	3.0	NUC	130.0	8.0	122.9	9.4	95	CURVE NO 1 JOB NO CS18252.000
70	17' S + 5' E OF PLOT POINT 2088	6.0	NUC	130.0	8.0	123.3	6.9	95	CURVE NO 1 JOB NO CS18252.000
71	15' N + 12' E OF PLOT POINT 2309	0.5	NUC	130.0	8.0	123.1	8.2	95	CURVE NO 1 JOB NO CS18252.000
72	20' S + 6' W OF PLOT POINT 2092	5.0	NUC	130.0	8.0	125.0	8.2	96	CURVE NO 1 JOB NO CS18252.000
73	10' S + 10' W OF PLOT POINT 2096	4.0	NUC	130.0	8.0	124.4	8.9	96	CURVE NO 1 JOB NO CS18252.000
74	7' S + 12' E OF PLOT POINT 2234	1.0	NUC	130.0	8.0	129.7	8.3	100	CURVE NO 1 JOB NO CS18252.000
75	25' S + 7' W OF PLOT POINT 2400	1.0	NUC	130.0	8.0	124.5	9.1	96	CURVE NO 1 JOB NO CS18252.000
76	7' S + 2' W OF PLOT POINT 2396	0.5	NUC	130.0	8.0	126.4	8.2	87	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 68 THRU 79

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION:

FULL TIME

PERIODIC, ON CALL BASIS

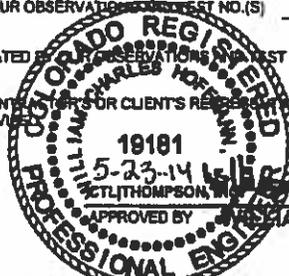
CONTINUOUS FOR CLIENT'S REPRESENTATIVE

KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



(RICE & RICE)

C. Hoffmann, Jr.

APPROVED BY CHARLES C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/20/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 9 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
77	25' N + 4' W OF PLOT POINT 2231	2.0	NUC	130.0	8.0	126.2	7.3	97	CURVE NO 1 JOB NO CS18252.000
78	10' N + 5' W OF PLOT POINT 2229	2.5	NUC	130.0	8.0	126.3	8.5	97	CURVE NO 1 JOB NO CS18252.000
79	8' S + 15' W OF PLOT POINT 2387	1.0	NUC	130.0	8.0	123.0	9.2	95	CURVE NO 1 JOB NO CS18252.000

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE. A SITE VISIT WAS REQUESTED FOR MAY 21, 2014. THE ON-SITE WEATHER WAS PARTLY CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 72 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

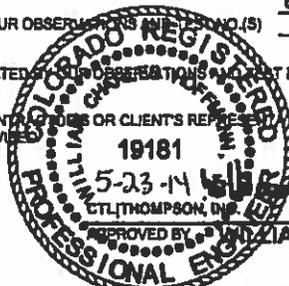
- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 66 THRU 79
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE ADVISED

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



KIRK

(RICE & RICE)
C. Hoffmann, Jr.

APPROVED BY **LIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/23/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 10 SHEET: 1 OF 1
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
80	25' N + 10' E OF PLOT POINT 2388	0.0	NUC	130.0	8.0	126.3	9.6	97	CURVE NO 1 JOB NO CS18252.000
81	20' N + 6' E OF PLOT POINT 2394	0.0	NUC	130.0	8.0	126.9	7.1	98	CURVE NO 1 JOB NO CS18252.000
82	4' S + 15' E OF PLOT POINT 2231	1.0	NUC	130.0	8.0	127.5	7.3	98	CURVE NO 1 JOB NO CS18252.000
83	15' S + 6' W OF PLOT POINT 2233	0.0	NUC	130.0	8.0	125.7	6.7	97	CURVE NO 1 JOB NO CS18252.000
84	5' N + 5' E OF PLOT POINT 2095	1.0	NUC	130.0	8.0	127.6	7.4	98	CURVE NO 1 JOB NO CS18252.000
85	13' S + 10' W OF PLOT POINT 2092	1.0	NUC	130.0	8.0	127.8	8.4	98	CURVE NO 1 JOB NO CS18252.000
86	6' S + 17' W OF PLOT POINT 2227	2.0	NUC	130.0	8.0	125.3	9.2	96	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE. A SITE VISIT WAS REQUESTED FOR MAY 24, 2014. THE ON-SITE WEATHER WAS SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 53 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

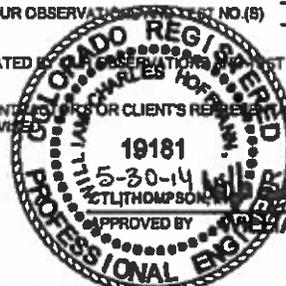
THICKNESS OF LIFT 4 TO 5 INCHES

- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 80 THRU 86
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME PERIODIC, ON CALL BASIS CONTINGENT FOR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



C. Hoffmann, Jr.
 (RICE & RICE)
 APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/30/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 11 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
87	8' S + 2' W OF PLOT POINT 2085	0.0	NUC	130.0	8.0	124.2	6.8	96	CURVE NO 1 JOB NO CS18252.000
88	15' N + 7' E OF PLOT POINT 2086	0.0	NUC	130.0	8.0	124.6	7.6	96	CURVE NO 1 JOB NO CS18252.000
89	10' S + 5' E OF PLOT POINT 2088	0.0	NUC	130.0	8.0	124.3	7.3	96	CURVE NO 1 JOB NO CS18252.000
90	37' N + 15' E OF PLOT POINT 2093	0.0	NUC	130.0	8.0	126.4	8.7	97	CURVE NO 1 JOB NO CS18252.000
91	6' S + 10' W OF PLOT POINT 2095	0.0	NUC	130.0	8.0	127.8	6.9	98	CURVE NO 1 JOB NO CS18252.000
92	13' N + 7' E OF PLOT POINT 2103	1.0	NUC	130.0	8.0	128.9	7.0	99	CURVE NO 1 JOB NO CS18252.000
93	4' S + 15' E OF PLOT POINT 2151	0.5	NUC	130.0	8.0	122.9	6.7	95	CURVE NO 1 JOB NO CS18252.000
94	11' N + 6' W OF PLOT POINT 2240	0.5	NUC	130.0	8.0	126.5	7.4	97	CURVE NO 1 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 87 THRU 94

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTRACTOR'S OR CLIENT'S REPRESENTATIVE KIRT

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



(RICE & RICE)
C. Hoffmann, Jr.
 APPROVED BY **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 05/30/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 11 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

PROGRESS REPORT

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE. A SAMPLE WAS OBTAINED FOR LABORATORY ANALYSIS. A SITE VISIT WAS REQUESTED FOR JUNE 2, 2014. THE ON-SITE WEATHER WAS MOSTLY CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 74 DEGREES FAHRENHEIT.

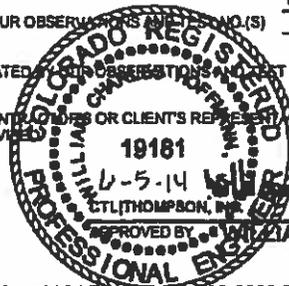
IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 87 THRU 94

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE ADVISED KIRT

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



APPROVED BY: WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/03/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 12 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COM-PACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
95	35' S + 11' W OF PLOT POINT 2589	1.0	NUC	130.0	8.0	123.4	7.2	95	CURVE NO 1 JOB NO CS18252.000
96	5' N + 4' E OF PLOT POINT 2529	6.0	NUC	130.0	8.0	125.2	7.2	96	CURVE NO 1 JOB NO CS18252.000
97	11' S + 6' E OF PLOT POINT 2546	8.0	NUC	130.0	8.0	127.9	9.7	98	CURVE NO 1 JOB NO CS18252.000
98	15' N + 7' W OF PLOT POINT 2603	5.0	NUC	130.0	8.0	129.7	7.9	100	CURVE NO 1 JOB NO CS18252.000
99	8' S + 6' W OF PLOT POINT 2542	12.0	NUC	130.0	8.0	126.8	9.4	98	CURVE NO 1 JOB NO CS18252.000
100	25' S + 5' E OF PLOT POINT 2540	7.0	NUC	130.0	8.0	126.3	8.1	97	CURVE NO 1 JOB NO CS18252.000
101	14' N + 12' W OF PLOT POINT 2599	6.0	NUC	130.0	8.0	125.5	8.1	97	CURVE NO 1 JOB NO CS18252.000
102	13' S + 30' W OF PLOT POINT 2537	5.0	NUC	130.0	8.0	127.7	9.1	98	CURVE NO 1 JOB NO CS18252.000
103	15' N + 17' E OF PLOT POINT 2535	10.0	NUC	130.0	8.0	123.6	8.2	95	CURVE NO 1 JOB NO CS18252.000

7 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 95 THRU 105

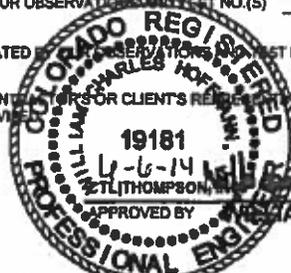
IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



(RICE & RICE)
William C. Hoffmann, Jr.

APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/03/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 12 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
104	11' S + 20' E OF PLOT POINT 2533	8.0	NUC	130.0	8.0	123.1	8.0	95	CURVE NO 1 JOB NO CS18252.000
105	18' N + 14' E OF PLOT POINT 2531	5.0	NUC	130.0	8.0	124.5	8.5	96	CURVE NO 1 JOB NO CS18252.000

7' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS; (1) GRADER; (1) DOZER

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE. A SITE VISIT WAS REQUESTED FOR JUNE 4, 2015. THE ON-SITE WEATHER WAS MOSTLY SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 84 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

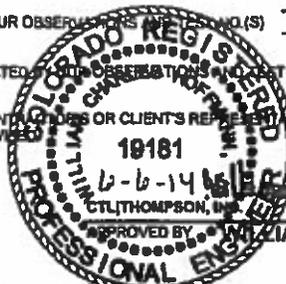
THICKNESS OF LIFT 4 TO 5 INCHES

- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) 95 THRU 105
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTACTED OR CLIENT'S REPRESENTATIVE ADVISED KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



APPROVED BY: WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/10/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 13 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
106	17' N + 11' E OF PLOT POINT 2622	0.0	NUC	129.0	7.5	127.5	7.3	99	CURVE NO 2 JOB NO CS18252.000
107	40' N + 6' W OF PLOT POINT 2625	0.0	NUC	129.0	7.5	124.6	7.1	97	CURVE NO 2 JOB NO CS18252.000
108	13' N + 4' W OF PLOT POINT 2559	0.0	NUC	129.0	7.5	128.0	6.7	99	CURVE NO 2 JOB NO CS18252.000
109	25' S + 5' E OF PLOT POINT 2589	0.0	NUC	129.0	7.5	127.5	5.9	99	CURVE NO 2 JOB NO CS18252.000
110	9' N + 15' E OF PLOT POINT 2529	3.0	NUC	129.0	7.5	126.1	6.2	98	CURVE NO 2 JOB NO CS18252.000
111	12' N + 8' W OF PLOT POINT 2532	4.0	NUC	129.0	7.5	125.0	6.7	97	CURVE NO 2 JOB NO CS18252.000
112	17' S + 20' W OF PLOT POINT 2536	7.0	NUC	129.0	7.5	127.0	7.4	98	CURVE NO 2 JOB NO CS18252.000
113	4' S + 8' E OF PLOT POINT 2542	9.0	NUC	129.0	7.5	125.3	7.9	97	CURVE NO 2 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) DOZER; (1) GRADER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 106 THRU 113

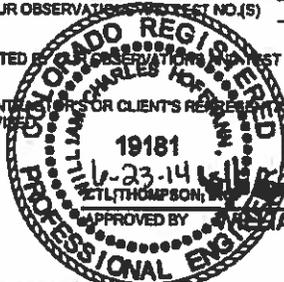
IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/10/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 13 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) DOZER; (1) GRADER

PROGRESS REPORT

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE. A SITE VISIT WAS REQUESTED FOR JUNE 11, 2014. THE ON-SITE WEATHER WAS MOSTLY SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 74 DEGREES FAHRENHEIT.

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 106 THRU 113

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME PERIODIC, ON CALL BASIS CONTRACTOR'S OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE
 RK:LC

PROFESSIONAL ENGINEER
 COLORADO REGISTERED PROFESSIONAL ENGINEER
 19181
 6-23-14
 APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/16/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 14 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
114	9' N + 1' E OF PLOT POINT 2599	3.0	NUC	129.0	7.5	125.7	8.4	97	CURVE NO 2 JOB NO CS18252.000
115	16' N + 7' E OF PLOT POINT 2598	6.0	NUC	129.0	7.5	127.7	6.6	99	CURVE NO 2 JOB NO CS18252.000
116	35' N + 14' E OF PLOT POINT 2602	0.0	NUC	129.0	7.5	126.3	7.0	98	CURVE NO 2 JOB NO CS18252.000
117	12' S + 25' E OF PLOT POINT 2533	5.0	NUC	129.0	7.5	126.1	7.3	98	CURVE NO 2 JOB NO CS18252.000
118	10' N + 15' E OF PLOT POINT 2531	4.5	NUC	129.0	7.5	126.2	9.2	98	CURVE NO 2 JOB NO CS18252.000
119	10' N + 4' W OF PLOT POINT 2548	1.0	NUC	129.0	7.5	126.3	8.0	98	CURVE NO 2 JOB NO CS18252.000
120	17' N + 20' E OF PLOT POINT 2549	1.0	NUC	129.0	7.5	127.2	8.2	99	CURVE NO 2 JOB NO CS18252.000
121	20' N + 5' E OF PLOT POINT 2553	0.5	NUC	129.0	7.5	128.5	7.6	100	CURVE NO 2 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) GRADER; (1) DOZER

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS ON TEST NO.(S) 114 THRU 121

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS ON TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS FOR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



WILLIAM C. HOFFMANN, JR., P.E.
 (RICE & RICE)
 C. Hoffmann, Jr.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/16/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 14 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		

7 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS; (1) GRADER; (1) DOZER

PROGRESS REPORT

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE. A SITE VISIT WAS REQUESTED FOR JUNE 17, 2014. THE ON-SITE WEATHER WAS SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 82 DEGREES FAHRENHEIT.

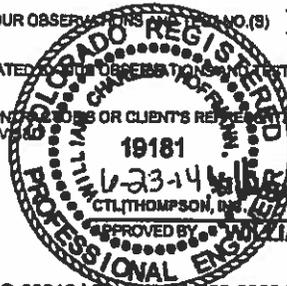
IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 114 THRU 121

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONSULTING OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



APPROVED BY: WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 06/18/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 15 SHEET: 1 OF 1
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
122	7' N + 11' E OF PLOT POINT 2552	0.0	NUC	129.0	7.5	125.6	8.2	97	CURVE NO 2 JOB NO CS18252.000
123	12' N + 25' W OF PLOT POINT 2547	0.0	NUC	129.0	7.5	127.1	7.8	99	CURVE NO 2 JOB NO CS18252.000
124	5' S + 18' E OF PLOT POINT 2532	2.0	NUC	129.0	7.5	125.0	7.5	97	CURVE NO 2 JOB NO CS18252.000
125	12' S + 20' W OF PLOT POINT 2534	3.0	NUC	129.0	7.5	125.8	7.6	98	CURVE NO 2 JOB NO CS18252.000
126	4' N + 16' E OF PLOT POINT 2598	3.5	NUC	129.0	7.5	124.7	6.7	97	CURVE NO 2 JOB NO CS18252.000
127	8' N + 6' W OF PLOT POINT 2599	1.0	NUC	129.0	7.5	127.2	8.0	99	CURVE NO 2 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(5) SCRAPERS; (1) GRADER; (2) DOZERS

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF SITE. A SITE VISIT WAS REQUESTED FOR JUNE 19, 2014. THE ON-SITE WEATHER WAS MOSTLY SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 78 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 122 THRU 127

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION:

FULL TIME

PERIODIC, ON CALL BASIS

CONTINUOUS OR CLIENT'S REPRESENTATIVE ADVISED

KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



W. C. Hoffmann, Jr.
 (RICE & RICE)

APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 07/01/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 16 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
128	25' S + 18' E OF PLOT POINT 9088	0.0	NUC	129.0	7.5	125.0	8.1	97	CURVE NO 2 JOB NO CS18252.000
129	70' S + 35' E OF PLOT POINT 9088	0.0	NUC	129.0	7.5	124.1	7.4	96	CURVE NO 2 JOB NO CS18252.000
130	100' S + 50' E OF PLOT POINT 9088	0.0	NUC	129.0	7.5	124.5	7.5	97	CURVE NO 2 JOB NO CS18252.000
131	125' S + 25' W OF PLOT POINT 9076	0.0	NUC	129.0	7.5	126.2	8.2	98	CURVE NO 2 JOB NO CS18252.000
132	85' S + 17' W OF PLOT POINT 9076	0.0	NUC	129.0	7.5	127.3	7.6	99	CURVE NO 2 JOB NO CS18252.000
133	45' S + 60' W OF PLOT POINT 9076	0.0	NUC	129.0	7.5	124.4	6.7	96	CURVE NO 2 JOB NO CS18252.000
134	19' S + 45' W OF PLOT POINT 9076	0.0	NUC	129.0	7.5	125.9	7.0	98	CURVE NO 2 JOB NO CS18252.000
135	55' N + 27' W OF PLOT POINT 9076	0.0	NUC	129.0	7.5	126.7	8.4	98	CURVE NO 2 JOB NO CS18252.000
136	15' S + 10' E OF PLOT POINT 3030	4.0	NUC	129.0	7.5	125.5	8.4	97	CURVE NO 2 JOB NO CS18252.000

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) 128 THRU 139

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) _____

SCOPE OF OBSERVATION:

FULL TIME:

PERIODIC, ON CALL BASIS:

CONTRACTOR'S OR CLIENT'S REPRESENTATIVE

KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



(RICE AND RICE)

William C. Hoffmann, Jr.

APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 07/01/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 16 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
137	12' N + 15' W OF PLOT POINT 3026	2.0	NUC	129.0	7.5	123.3	8.8	96	CURVE NO 2 JOB NO CS18252.000
138	7' S + 13' W OF PLOT POINT 3090	5.0	NUC	129.0	7.5	126.0	8.2	98	CURVE NO 2 JOB NO CS18252.000
139	8' N + 30' E OF PLOT POINT 3079	8.0	NUC	129.0	7.5	128.1	8.0	99	CURVE NO 2 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS

PROGRESS REPORT

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

DURING THE REQUESTED SITE VISIT, RICE AND RICE WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE FAR SOUTH SIDE OF THE SITE, NORTH OF STAPLETON NEAR THE EXISTING BOX CULVERT. A SITE VISIT WAS REQUESTED FOR JULY 3, 2014. THE ON-SITE WEATHER WAS CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 74 DEGREES FAHRENHEIT.

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) 128 THRU 139

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTROLLED BY OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



C. Hoffmann, Jr.
 APPROVED BY: **WILLIAM C. HOFFMANN, JR., P.E.**

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 07/08/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 17 SHEET: 1 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COM-PACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
140	5' S + 10' E OF PLOT POINT 3098	4.0	NUC	130.0	8.0	130.0	8.0	100	CURVE NO 1 JOB NO CS18252.000
141	25' S + 20' E OF PLOT POINT 3098	4.0	NUC	130.0	8.0	128.9	9.1	99	CURVE NO 1 JOB NO CS18252.000
142	40' S + 10' W OF PLOT POINT 3090	2.0	NUC	130.0	8.0	127.4	7.5	98	CURVE NO 1 JOB NO CS18252.000
143	7' S + 15' W OF PLOT POINT 3070	2.0	NUC	130.0	8.0	127.0	7.6	98	CURVE NO 1 JOB NO CS18252.000
144	2' S + 20' W OF PLOT POINT 3099	6.0	NUC	130.0	8.0	129.6	8.1	100	CURVE NO 1 JOB NO CS18252.000
145	12' S + 10' E OF PLOT POINT 3073	9.0	NUC	130.0	8.0	125.6	7.2	97	CURVE NO 1 JOB NO CS18252.000
146	10' S + 20' W OF PLOT POINT 3073	10.0	NUC	130.0	8.0	125.8	7.9	97	CURVE NO 1 JOB NO CS18252.000
147	15' S + 15' E OF PLOT POINT 3079	5.0	NUC	130.0	8.0	127.0	7.0	98	CURVE NO 1 JOB NO CS18252.000

¹ BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE. WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

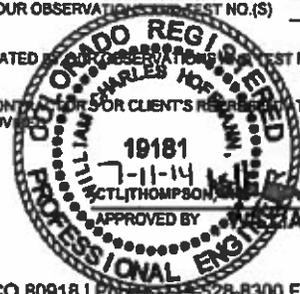
THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 140 THRU 147

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION: FULL TIME; PERIODIC, ON CALL BASIS; CONTINUOUS FOR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE
 RK:LC



WILLIAM C. HOFFMANN, JR., P.E.
 APPROVED BY
 (RICE AND RICE)

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 07/08/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 17 SHEET: 2 OF 2
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN**
LONDONDERRY DRIVE AND RAINBOW BRIDGE
FALCON, CO

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		

1 BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 10 +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE SOUTH END OF THE SITE, NORTH OF STAPLETON AND EAST OF THE EXISTING BOX CULVERT. A SITE VISIT WAS REQUESTED FOR JULY 9, 2014. THE ON-SITE WEATHER WAS CLOUDY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 72 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

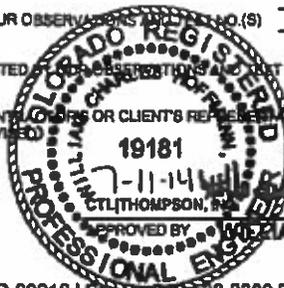
THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) 140 THRU 147
 IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO(S) _____

SCOPE OF OBSERVATION: FULL TIME PERIODIC, ON CALL BASIS; CONTROL OF SITE OR CLIENT'S REPRESENTATIVE KIRK

RYAN KROLIKOWSKI
 FIELD REPRESENTATIVE

RK:LC



7-11-14
 APPROVED BY: WILLIAM C. HOFFMANN, JR., P.E.
 (OFFICE AND RICE)
C. Hoffmann, Jr.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3575 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 07/10/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 18 SHEET: 1 OF 1
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
148	13' S + 17' W OF PLOT POINT 3090	0.0	NUC	130.0	8.0	126.4	8.3	97	CURVE NO 1 JOB NO CS18252.000
149	5' S + 11' E OF PLOT POINT 3073	8.0	NUC	130.0	8.0	128.1	7.7	99	CURVE NO 1 JOB NO CS18252.000
150	13' S + 30' W OF PLOT POINT 3073	6.0	NUC	130.0	8.0	127.0	7.6	98	CURVE NO 1 JOB NO CS18252.000
151	20' S + 7' E OF PLOT POINT 3079	3.0	NUC	130.0	8.0	125.6	7.2	97	CURVE NO 1 JOB NO CS18252.000
152	8' N + 25' E OF PLOT POINT 3079	1.5	NUC	130.0	8.0	126.7	7.4	97	CURVE NO 1 JOB NO CS18252.000
153	14' S + 6' W OF PLOT POINT 3098	2.0	NUC	130.0	8.0	127.8	8.1	98	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(4) SCRAPERS

PROGRESS REPORT

DURING THE REQUESTED SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE FAR SOUTH END OF THE SITE, NORTH OF STAPLETON AND EAST OF THE EXISTING BOX CULVERT. A SITE VISIT WAS REQUESTED FOR JULY 11, 2014. THE ON-SITE WEATHER WAS SUNNY WITH A MEASURED AMBIENT AIR TEMPERATURE OF 92 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTIVE EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

- IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) 148 THRU 153
- IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATIONS AND TEST NO.(S) _____

SCOPE OF OBSERVATION:

FULL TIME

PERIODIC, ON CALL BASIS

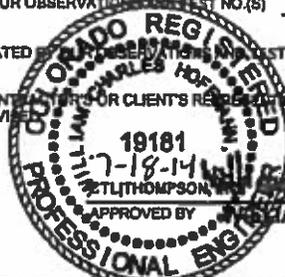
CONTROLLER'S OR CLIENT'S REPRESENTATIVE ADVISED

KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



C. Hoffmann, Jr. (RICE AND RICE)

APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.

Compaction Test Report



CLIENT: **TECH CONTRACTORS**
3576 KENYON STREET
SUITE 200
SAN DIEGO CA 92110

DATE: 07/14/14 PROJECT NUMBER: CS18252.000
 Phase: 310 REPORT NUMBER: 19 SHEET: 1 OF 1
 SUBJECT: **STONEBRIDGE, FILING NO. 1, AT MERIDIAN LONDONDERRY DRIVE AND RAINBOW BRIDGE FALCON, CO**

OVERLOT GRADING

TEST NO.	LOCATION	1 DEPTH FEET	TEST TYPE	LABORATORY		FIELD		COMPACTION %	SOIL TYPE
				MAX DENSITY PCF	OMC%	DRY DENSITY PCF	MC%		
154	14' S + 11' E OF PLOT POINT 3079	0.0	NUC	130.0	8.0	126.9	8.1	98	CURVE NO 1 JOB NO CS18252.000
155	17' S + 10' W OF PLOT POINT 3098	0.0	NUC	130.0	8.0	128.3	7.9	99	CURVE NO 1 JOB NO CS18252.000
156	7' S + 15' E OF PLOT POINT 3073	3.5	NUC	130.0	8.0	125.9	7.3	97	CURVE NO 1 JOB NO CS18252.000

1' BELOW GRADE

SPECIFICATIONS: 95 % OF MAXIMUM ASTM D 1557
 MOISTURE WITHIN -2 TO +2 % OF OPTIMUM

TYPE OF COMPACTION EQUIPMENT AND NO. OF UNITS:

MOISTURE ADDED BY WATER WAGON

TYPE OF EARTH MOVING EQUIPMENT AND NO. OF UNITS:

(3) SCRAPERS

PROGRESS REPORT

DURING THE SITE VISIT, THE CONTRACTOR WAS MOISTURE CONDITIONING AND APPLYING COMPACTION EFFORT TO THE OVERLOT GRADING MATERIAL ALONG THE FAR SOUTH END OF THE SITE, NORTH OF STAPLETON DRIVE. A SITE VISIT WAS REQUESTED FOR JULY 15, 2014. THE ON-SITE WEATHER WAS CLOUDY WITH LIGHT RAIN AND A MEASURED AMBIENT AIR TEMPERATURE OF 74 DEGREES FAHRENHEIT.

THIS REPORT PRESENTS OPINIONS FORMED AS A RESULT OF OUR OBSERVATION OF FILL PLACEMENT, AS WELL AS THE TESTS SHOWN ABOVE, WE HAVE RELIED UPON THE CONTRACTOR TO APPLY THE NECESSARY COMPACTION EFFORT AND MOISTURE TO ACHIEVE SPECIFIED COMPACTION DURING TIMES WHEN OUR OBSERVER IS NOT PRESENT, AND AT LOCATIONS OTHER THAN THOSE TESTED. TEST DATA ARE NOT THE SOLE BASIS FOR OPINIONS ON WHETHER THE FILL MEETS SPECIFICATIONS.

THICKNESS OF LIFT 4 TO 5 INCHES

IN OUR OPINION, FILL COMPACTION MEETS SPECIFICATIONS AS INDICATED BY OUR OBSERVATION AND TEST NO.(S) 154 THRU 156

IN OUR OPINION, FILL COMPACTION DOES NOT MEET SPECIFICATIONS AS INDICATED BY OUR OBSERVATION AND TEST NO.(S) _____

SCOPE OF OBSERVATION:

FULL TIME:

PERIODIC, ON CALL BASIS:

CONTINUOUS FOR CLIENT'S REPRESENTATIVE

KIRK

RYAN KROLIKOWSKI

FIELD REPRESENTATIVE

RK:LC



W. C. Hoffmann, Jr. (RICE AND RICE)

APPROVED BY WILLIAM C. HOFFMANN, JR., P.E.