



Calallen ISD

Special Meeting

Tuesday, April 25, 2017 7:45 AM

Agenda of Special Meeting

The Board of Trustees Calallen ISD

A Special Meeting of the Board of Trustees of Calallen ISD will be held April 25, 2017, beginning at 7:45 AM in the Central Administration Office, 4205 Wildcat Dr., Corpus Christi, Texas.

The subjects to be discussed or considered or upon which any formal action may be taken are as listed below. Items do not have to be taken in the order shown on this meeting notice.

Unless removed from the consent agenda, items identified within the consent agenda will be acted on at one time.

- | | |
|---|----|
| 1. Opening of Special Meeting by Officer | 3 |
| 2. New Business | |
| A. Consider approval of change order #1 for CHS Pool Facility
Presenter: Mr. McDavid | 4 |
| B. Personnel
Presenter: Dr. Hill | 27 |
| C. Closed Session
Presenter: Dr. Almendarez | 28 |
| 3. Adjourn | |



Calling the Meeting to Order

I call this meeting of the Calallen Independent School District Board of Trustees to order and let the record show that a quorum of Board Members is present and that this meeting was duly called and posted in accordance with the Texas Open Meetings Act, Texas Government Code 551.

BOARD OF EDUCATION
CALALLEN INDEPENDENT SCHOOL DISTRICT
CORPUS CHRISTI, TEXAS

Date: April 25, 2017

Subject: Consider approval of change order #1 for CHS Pool Facility

New Business

Action

BACKGROUND INFORMATION

As part of the initial phases of construction for the Multi-Purpose Building (MPB) in 2014, geotechnical services were provided by Kleinfelder. These test borings produced soil samples which formed the basis of engineering methods for the MPB foundation and future pool facility. While the pool was in its last revisions of design, CISD staff, contractors and engineers began to question the geotechnical report and foundation integration between all structures. An additional geotechnical survey was requested and conducted in March of 2017 at the actual site of the pool. Rock Engineering's report differed from Kleinfelder's initial 2014 report.

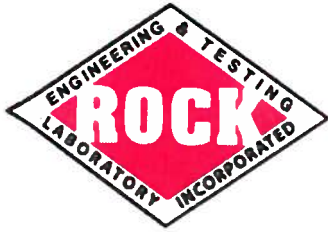
After several construction meetings between the Rock, Paddock, Polasek, and CISD staff, it is the consensus and recommendation to increase the amount of select fill under the structure due to the latest geotechnical report submitted by Rock Engineering. The additional select fill being requested will reduce the likelihood of movement of the pool shell and pool deck as it is integrated into the foundation of the Multi-Purpose Building.

ITEM ADDRESSED

Consider approval of change order #1 for the CHS Pool Facility to the amount of \$167,611.00 for additional select fill and structural steel epoxy coatings as requested

RECOMMENDED ACTION

The Administration recommends the Board approve change order #1 for CHS Pool Facility in the amount of \$167,611 for additional select fill and corrosion epoxy protection of all structural steel.



- GEOTECHNICAL ENGINEERING
- CONSTRUCTION MATERIALS
ENGINEERING & TESTING
- SOILS • ASPHALT • CONCRETE

April 18, 2017

Calallen Independent School District
c/o Diverse Design Solutions, PLLC Consulting Engineer
433 McCampbell Road
Corpus Christi, Texas 78408

Attention: Mr. Jared Merdes

**SUBJECT: SUPPLEMENT NO. 1 (Revision 1)
GEOTECHNICAL RECOMMENDATIONS
CALALLEN INDEPENDENT SCHOOL DISTRICT
CALALLEN HIGH SCHOOL
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive
Corpus Christi, Texas
RETL Job No. – G117269**

Dear Mr. Merdes,

Opening

In accordance with a request for supplemental recommendations at the above referenced project site, Rock Engineering and Testing Laboratory, Inc. (RETL) (TBPE Firm No. 2101) is issuing this Supplement No. 1. Any conflicting recommendations provided in this supplement with those previously provided in the original report dated April 11, 2017 are superseded by those recommendations provided herein. One electronic copy of this Supplement No. 1 is being issued for your files and distribution to the design team.

Based on information provided, RETL understands that the proposed pool may be designed for either a 1-inch or 1½-inch PVR condition.

ROCK ENGINEERING & TESTING LABORATORY, INC.
www.rocktesting.com

6817 LEOPARD STREET • CORPUS CHRISTI, TEXAS 78409-1703
OFFICE (361) 883-4555 • FAX: (361) 883-4711

10856 VANDALE ST • SAN ANTONIO, TEXAS 78216-3625
OFFICE (210) 495-8000 • FAX: (210) 495-8015

NO. 1 ROUNDVILLE LANE • ROUND ROCK, TEXAS 78664
OFFICE: (512) 284-8022 • FAX: (512) 284-7764

PVR Discussion

The PVR values were calculated using the Texas Department of Transportation Method TEX-124E and took into account the depth of the active zone, estimated to extend to a depth of approximately 15-feet and the Atterberg limits test results of the soils encountered within the active zone.

The estimated PVR values provided are based on the floor system applying a sustained surcharge load of approximately 1.0 pound per square inch on the subgrade soils as well as the sustained surcharge load exerted by 1-foot of properly compacted select fill placed at the site to raise the grade 1-foot above the average existing grade at the site resulting in a 6-inch concrete floor slab elevation 1½-feet above the average grade elevation at the site at the time of our field investigation or the load imposed by the proposed pool based on the water depth provided, as applicable. The value represents the vertical rise that can be experienced by dry subsoils if they are subjected to conditions that allow them to become saturated, such as poor drainage. Using dry soil conditions to calculate the PVR is generally considered the worst case scenario. The actual movement of the subsoils is dependent upon their change in moisture content. Differential vertical movements can potentially be equal to the expected total movements. Worst case scenario can result in differential vertical movements at this site equal to the calculated PVR over a distance equal to the depth of the active zone, within the footprint of a slab-on-grade if dry soil conditions exist and a localized water source such as ponding water or a plumbing leak occurs resulting in non-uniform moisture conditions.

Pool Deck

Based on the results of our field investigation and laboratory testing program, it appears as if the potential vertical rise (PVR) at this location for the pool deck, which will be constructed at a finished floor slab elevation of 83.86-feet with the average existing grade at assumed to be 82.5-feet, is on the order of 3¾ to 4-inches.

In order to reduce the PVR to approximately 1-inch, sitework improvements will include removing the existing soils from an elevation of 82.5-feet to an elevation of 76.5-feet, or 6-feet, moisture condition and compact the exposed subgrade soils, and finally place a minimum of 7-feet of properly compacted non-expansive "Select Fill" soils in order to achieve a finished floor slab elevation of 83.86-feet.

In order to reduce the PVR to approximately 1½-inch, sitework improvements will include removing the existing soils from an elevation of 82.5-feet to an elevation of 78.0-feet, or 4½-feet, moisture condition and compact the exposed subgrade soils, and finally place a minimum of 5½-feet of properly compacted non-expansive "Select Fill" soils in order to achieve a finished floor slab elevation of 83.86-feet.

Swimming Pool

Based on the results of our field investigation and laboratory testing program, it appears as if the potential vertical rise (PVR) at this location for the pool, which will have an estimated pool water elevation near the 83.36-feet with a water depth of 5.75-feet and pool bottom thickness of 6-inches is on the order of **3 to 3¼-inches**.

In order to reduce the PVR to approximately 1-inch, sitework improvement will include removing the existing soils from beneath the bottom of the swimming pool bearing elevation a minimum of 3½-feet, moisture condition and compact the exposed subgrade soils and finally place a minimum of 3½-feet of properly compacted non-expansive **"Select Fill"** soils.

In order to reduce the PVR to approximately 1½-inch, sitework improvement will include removing the existing soils from beneath the bottom of the swimming pool bearing elevation a minimum of 2½-feet, moisture condition and compact the exposed subgrade soils and finally place a minimum of 2½-feet of properly compacted non-expansive **"Select Fill"** soils.

The upper 1-foot of exposed subgrade soils shall be compacted to a minimum density of 95 percent of the maximum dry density as determined by the standard Proctor test (ASTM D698) and at, or above, the optimum moisture content. If any soft areas are identified, the soils should be removed and re-compacted in place.

Site Preparation (Swimming Pool)

In the area where the pool foundation is to be constructed, soil, vegetation and all loose or excessively organic materials and other deleterious materials shall be removed to at least the minimum depth required to achieve the design PVR condition. The excavation should extend a minimum distance of 5-feet outside the perimeter of the proposed pool. The depth of the excavation shall be measured from the deepest part of the pool concrete slab, excluding any subsidiary elements such as drain boxes, and the entire excavation to the 5-foot distance outside of the pool footprint shall be to a uniform elevation in order to achieve the minimum select fill thickness below the deepest portion of the pool. The upper 1-foot of exposed subgrade soil shall be compacted to a minimum density of 95 percent of the maximum dry density as determined by the standard Proctor test (ASTM D698) and at, or above, the optimum moisture content. If any soft areas are identified, the soils should be removed and re-compacted in place. The required thickness of select fill soils shall be placed in the excavation in order to achieve the desired finished concrete floor elevation.

April 18, 2017
Attn.: Mr. Jared Merdes
RETL Job No.: G117269

Supplement No. 1 (Revision 1)
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive; Corpus Christi, Texas

Closing

Often, because of design and construction details that occur on a project, questions arise concerning soil conditions, and Rock Engineering and Testing Laboratory, Inc. (RETL) would be pleased to continue its role as Geotechnical Engineer during the project implementation.

RETL also has great interest in providing materials testing and observation services during the construction phase of this project. If you will advise us of the appropriate time to discuss these engineering services, we will be pleased to meet with you at your convenience. If you have any questions, or if we can be of further assistance, please contact us at (361) 883-4555.

Sincerely,

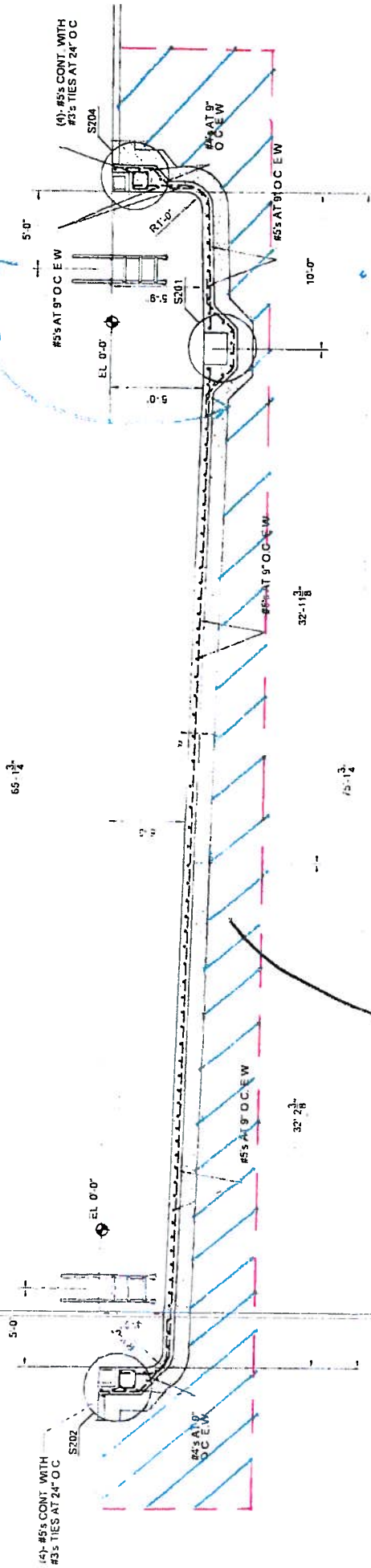


Brian J. Geiger, P.E.
Geotechnical Engineer

111 SCALE 3/16" = 1'-0"

LADNERS SHOWN FOR REFERENCE ONLY. VERIFY LOCATION OF ALL F-REBEDDED ITEMS. EQUIPMENT INSERT IS. PIPING, BEFORE CASTING POOL.

Deep End



S104 POOL SECTION SCALE 3/16" = 1'-0"

AREAS OF SELECT FILL



Change Proposal

CP# 01A

Project: Multi-Purpose Building - Pool Facility

TITLE OF CP: Earthwork Revisions

DATE OF ISSUANCE: April 19, 2017

OWNER: Calallen Independent School District

TO CONTRACTOR: Polasek Construction Inc.

PO Box 64

El Campo, Texas 77437

1. PROPOSED CHANGE IN WORK:

Provide revised earthwork specifications according to Rock Engineering & Testing Supplement No. 1 (Revision 1) dated 4/18/17. Pricing to include excavation of subgrade and placement of required quantities of select fill to achieve a 1" PVR . Provide epoxy coated reinforcing steel for concrete pool shell.

2. CONTRACTOR'S CHANGE PROPOSAL QUOTATION:

- The N/A Allowance will be (increased)(decreased) by..... \$ -
- The Contract Sum will be (increased)(decreased)(unchanged) by..... \$ 167,611.00
- The Contract Time will be (increased)(decreased)(unchanged) by (Regular Work Days) 65
- Other: _____

Attachments: _____

Contractor: Polasek Construction Inc. By  Date 4/19/17

3. ARCHITECT RECOMMENDATION:

- The Architect recommends (acceptance, rejection) of this Change Proposal.

Architect: Ferrell/Brown & Associates, Inc. By _____ Date _____

4. OWNER ACTION:

- The Architects recommendation as stated herin is accepted.
- Other: _____

Owner: Calallen Independent School District By _____ Date _____



POLASEK CONSTRUCTION, INC.

GENERAL CONTRACTORS • COMMERCIAL • RESIDENTIAL • INSTITUTIONAL

April 19, 2017

Ferrell Brown & Associates Inc.
700 Everhart Terrace
Corpus Christi, Texas

Re: CP #01A
Calallen ISD - Multi-Purpose Building - Pool Facility

Provide removal of subgrade and placement of 7' of select fill under slab on grade and 3.5' of select fill under pool. Select fill to be placed in 8" lifts and compacted to 95%. Placement and compaction of select fill to be monitored by Rock Engineering. The depth of fill placement will achieve a 1" Potential Vertical Rise (PVR).

Kaye & Sons:

Select Fill (7') ----- \$ 127,984.00
Includes 5' overbuild at pool

Paddock Southwest:

Select Fill (3.5') ----- \$ 24,500.00
Epoxy coated reinforcing ----- \$ 5,000.00

Polasek Construction:

Extended Gen. Conditions --- \$ 11,180.00

Note: Cost reduction of \$10,000.00 will be allowed for placement of spoils on site. Materials to be spread to allow for Owner maintenance.

Contractor Fee ----- \$ 7,349.00
Bond Fee ----- \$ 1,598.00

Total Amount \$ **177,611.00**
\$ (10,000.00)
Final Proposed Cost \$ **167,611.00**



4805 GEMINI STREET
CORPUS CHRISTI TEXAS
WWW.KAYEDEVELOPMENT.NET

Tel - 361.888.8300
Fax - 361.888.8301

STATE OF TEXAS
REGISTERED UNDERGROUND FIRE INSTALLATION
LICENSE # SCR-U-1769127
LICENSE # RME-U-1769120

04.18.17

QUOTE TO	POLASEK CONSTRUCTION	JOB NAME	CALALLEN ISD
PHONE		CITY	CORPUS CHRISTI TEXAS
FAX		BID DATE	11.08.16
ATTN:		ADDENDUMS REC	0
		DATE OF PLANS	10.19.16
		ENGINEER	URBAN ENGINEERING
		PE DATE	10.19.16

	<u>QTY</u>	<u>UNITS</u>	<u>UNIT/PRICE</u>	<u>TOTAL</u>
MOBILIZATION, PERMITS AND GENERAL CONDITIONS	2	EA	\$3,500.00	<u>\$7,000.00</u>
SITE GRADING				
1 REMOVE ALL SELECT AND STACK ONSITE	1	LS	\$14,254.00	\$14,254.00
OPTION 1 - 5.5' SELECT AND 9' SELECT 5' AROUND POOL				
1 EXCAVATE OUT ADDITIONAL EXISTING MATERIAL	1,970	CY	\$3.90	\$7,683.00
3 EXPORT OVERBURDEN	2,022	CY	\$8.00	\$16,176.00
4 IMPORT BACK IN STOCKPILED SELECT	1,677	CY	\$9.00	\$15,093.00
5 IMPORT IN ADDITIONAL SELECT FROM PIT AND PLACE	3,203	CY	\$13.25	\$42,439.75
SITE GRADING SUBTOTAL				<u>\$95,645.75</u>

GRAND TOTAL OPTION 1 **\$102,645.75**

	<u>QTY</u>	<u>UNITS</u>	<u>UNIT/PRICE</u>	<u>TOTAL</u>
MOBILIZATION, PERMITS AND GENERAL CONDITIONS	2	EA	\$3,500.00	<u>\$7,000.00</u>
SITE GRADING				
1 REMOVE ALL SELECT AND STACK ONSITE	1	LS	\$14,254.00	\$14,254.00
OPTION 2 - 7' SELECT AND 10' SELECT 5' AROUND POOL				
1 EXCAVATE OUT ADDITIONAL EXISTING MATERIAL	2,748	CY	\$3.90	\$10,717.20
2 EXPORT OVERBURDEN	2,748	CY	\$8.00	\$21,984.00
3 IMPORT BACK IN STOCKPILED SELECT	1,677	CY	\$9.00	\$15,093.00
4 IMPORT IN ADDITIONAL SELECT FROM PIT AND PLACE	4,448	CY	\$13.25	\$58,936.00
SITE GRADING SUBTOTAL				<u>\$120,984.20</u>

GRAND TOTAL OPTION 2 **\$127,984.20**

DEDUCT ALTERNATE		
1	SPREAD OVERBURDEN ONSITE INSTEAD OF EXPORT OPTION 1	(\$7,000)
2	SPREAD OVERBURDEN ONSITE INSTEAD OF EXPORT OPTION 2	(\$10,000)

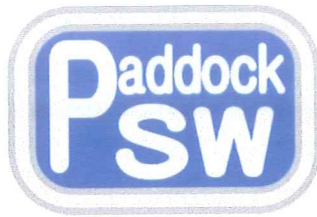
- QUALIFICATIONS**
- 1 3 POINT SUPPLIED BY OTHERS FOR GPS GRADE CONTROL
 - 2 THIS IS A LUMP SUM BID

- EXCLUSIONS**
- 1 NO ASPHALT, CONCRETE OR SOILS TESTING
 - 2 NO LANDSCAPING OR SEEDING
 - 3 NO SWPP, NOI, PERMITS OR FEES
 - 4 TOPSOIL ONSITE IS CONSIDERED SUITABLE FOR TOPSOIL REPLACEMENT
 - 5 COST OF BOND
 - 6 REPAIR TO UTILITIES NOT SHOWN ON THE PLAN OR MARKED BY ONE CALL
 - 7 TEX DOT ROW PERMITS IF NECESSARY
 - 8 TESTING OTHER THAN WHAT IS LISTED
 - 9 SITE DEVELOPMENT PERMITS AND IMPACT FEES
 - 10 MATERIAL ONSITE IS CONSIDERED SUITABLE FOR BACKFILL
 - 11 ROCK EXCAVATION OR ROCK TRENCHING
 - 12 TEMPORARY WATER BY OTHERS
 - 13 NOT RESPONSIBLE FOR OTHER CONTRACTORS SPOILS
 - 14 INCLUDES 4 MOBILIZATIONS, EACH ADDITIONAL MOB IS \$3500.00 EA.
 - 15 TRAFFIC CONTROL EXCLUDED

RESPECTFULLY SUBMITTED

DOUGLAS M. KAYE
GENERAL MANAGER
KAYE & SONS SITE DEVELOPMENT LLC
douglas@kayedevlopment.com
512.845.3176

TEXAS
PO Box 1616
Pasadena, TX 77501
713-477-3896 phone
713-477-3897 fax



LOUISIANA
PO Box 308
Grand Cane, LA 71032
318-865-3551 phone

Paddock Southwest, LLC

Date: 4/18/17
Project: Calallen
Attention: Glenn Buenger
Polasek Construction

Please see below for the Calallen Pool earthwork price:

Excavation, haul-off, select fill, and compaction of 2.5 feet under pool \$17,000.00

Excavation, haul-off, select fill, and compaction of 3.5 feet under pool \$24,500.00

Thank you

A handwritten signature in black ink, appearing to read "Curtis L Morgan".

Curtis L Morgan
Paddock Southwest
President
Office: 713-477-3896
Fax: 713-477-3897
PO Box 1616
Pasadena, TX 77501



- GEOTECHNICAL ENGINEERING
- CONSTRUCTION MATERIALS
ENGINEERING & TESTING
- SOILS • ASPHALT • CONCRETE

April 18, 2017

Calallen Independent School District
c/o Diverse Design Solutions, PLLC Consulting Engineer
433 McCampbell Road
Corpus Christi, Texas 78408

Attention: Mr. Jared Merdes

**SUBJECT: SUPPLEMENT NO. 1 (Revision 1)
GEOTECHNICAL RECOMMENDATIONS
CALALLEN INDEPENDENT SCHOOL DISTRICT
CALALLEN HIGH SCHOOL
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive
Corpus Christi, Texas
RETL Job No. – G117269**

Dear Mr. Merdes,

Opening

In accordance with a request for supplemental recommendations at the above referenced project site, Rock Engineering and Testing Laboratory, Inc. (RETL) (TBPE Firm No. 2101) is issuing this Supplement No. 1. Any conflicting recommendations provided in this supplement with those previously provided in the original report dated April 11, 2017 are superseded by those recommendations provided herein. One electronic copy of this Supplement No. 1 is being issued for your files and distribution to the design team.

Based on information provided, RETL understands that the proposed pool may be designed for either a 1-inch or 1½-inch PVR condition.

ROCK ENGINEERING & TESTING LABORATORY, INC.
www.rocktesting.com

6817 LEOPARD STREET • CORPUS CHRISTI, TEXAS 78409-1703
OFFICE: (361) 883-4555 • FAX: (361) 883-4711

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No.1 ROUNDVILLE LANE • ROUND ROCK, TEXAS 78664
OFFICE: (512) 284-8024 • FAX: (512) 284-7764

PVR Discussion

The PVR values were calculated using the Texas Department of Transportation Method TEX-124E and took into account the depth of the active zone, estimated to extend to a depth of approximately 15-feet and the Atterberg limits test results of the soils encountered within the active zone.

The estimated PVR values provided are based on the floor system applying a sustained surcharge load of approximately 1.0 pound per square inch on the subgrade soils as well as the sustained surcharge load exerted by 1-foot of properly compacted select fill placed at the site to raise the grade 1-foot above the average existing grade at the site resulting in a 6-inch concrete floor slab elevation 1½-feet above the average grade elevation at the site at the time of our field investigation or the load imposed by the proposed pool based on the water depth provided, as applicable. The value represents the vertical rise that can be experienced by dry subsoils if they are subjected to conditions that allow them to become saturated, such as poor drainage. Using dry soil conditions to calculate the PVR is generally considered the worst case scenario. The actual movement of the subsoils is dependent upon their change in moisture content. Differential vertical movements can potentially be equal to the expected total movements. Worst case scenario can result in differential vertical movements at this site equal to the calculated PVR over a distance equal to the depth of the active zone, within the footprint of a slab-on-grade if dry soil conditions exist and a localized water source such as ponding water or a plumbing leak occurs resulting in non-uniform moisture conditions.

Pool Deck

Based on the results of our field investigation and laboratory testing program, it appears as if the potential vertical rise (PVR) at this location for the pool deck, which will be constructed at a finished floor slab elevation of 83.86-feet with the average existing grade at assumed to be 82.5-feet, is on the order of **3¾ to 4-inches**.

In order to reduce the PVR to approximately 1-inch, sitework improvements will include removing the existing soils from an elevation of 82.5-feet to an elevation of 76.5-feet, or 6-feet, moisture condition and compact the exposed subgrade soils, and finally place a minimum of 7-feet of properly compacted non-expansive "**Select Fill**" soils in order to achieve a finished floor slab elevation of 83.86-feet.

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Site Preparation (Swimming Pool)

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April 18, 2017
Attn.: Mr. Jared Merdes
RETL Job No.: G117269

Supplement No. 1 (Revision 1)
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive; Corpus Christi, Texas

Closing

Often, because of design and construction details that occur on a project, questions arise concerning soil conditions, and Rock Engineering and Testing Laboratory, Inc. (RETL) would be pleased to continue its role as Geotechnical Engineer during the project implementation.

RETL also has great interest in providing materials testing and observation services during the construction phase of this project. If you will advise us of the appropriate time to discuss these engineering services, we will be pleased to meet with you at your convenience. If you have any questions, or if we can be of further assistance, please contact us at (361) 883-4555.

Sincerely,



Brian J. Geiger, P.E.
Geotechnical Engineer

CONTRACT CHANGE ORDER #1

Project Name & Location: Calallen I.S.D. Multi-Purpose Building Pool Facility
 Issued To: (General Contractor Name & Address) Polasek Construction
101 West First Street , Suite A, El Campo, Texas 77437

You are hereby requested to comply with the following changes from the Contract Plans and Specifications:

ITEM NO.	DESCRIPTION OF CHANGES	DECREASE IN CONTRACT PRICE	INCREASE IN CONTRACT PRICE
1.	Provide revised earthwork specifications according to Rock Engineering & Testing Supplement No. 1 (Revised 1) dated 4/18/17 pricing to include excavation of subgrade and placement of required quantities of select fill to achieve a 1" PVR.		
2.	Epoxy coat all pool reinforcing steel.		
	Total Decrease:		
	Total Increase:		\$167,611.00
	Net Increase In Contract Price		\$167,611.00

The sum of \$167,611.00 is hereby increased from the total contract price, and the total adjusted contract price amount to date is here by changed to \$2,566,573.00.

The time provided for the completion of the contract is unchanged. This document shall become an amendment to the Contract and all provisions of the Contract will apply hereto.

Accepted by: (General Contractor) _____ Date: _____

Recommended by: Ferrell/Brown & Associates, Inc.  Date: 4-19-17

Approved by: (Owner's Representative) _____ Date: _____



Change Proposal

CP# 01A

Project: Multi-Purpose Building - Pool Facility

TITLE OF CP: Earthwork Revisions

DATE OF ISSUANCE: April 19, 2017

OWNER: Calallen Independent School District

TO CONTRACTOR: Polasek Construction Inc.

PO Box 64

El Campo, Texas 77437

1. PROPOSED CHANGE IN WORK:

Provide revised earthwork specifications according to Rock Engineering & Testing Supplement No. 1 (Revision 1) dated 4/18/17. Pricing to include excavation of subgrade and placement of required quantities of select fill to achieve a 1" PVR . Provide epoxy coated reinforcing steel for concrete pool shell.

2. CONTRACTOR'S CHANGE PROPOSAL QUOTATION:

- The N/A Allowance will be (increased)(decreased) by..... \$ -
- The Contract Sum will be (increased)(decreased)(unchanged) by..... \$ 167,611.00
- The Contract Time will be (increased)(decreased)(unchanged) by (Regular Work Days) 65
- Other: _____

Attachments: _____

Contractor: Polasek Construction Inc.

By 

Date 4/19/17

3. ARCHITECT RECOMMENDATION:

- The Architect recommends (acceptance, rejection) of this Change Proposal.

Architect: Ferrell/Brown & Associates, Inc.

By 

Date 4-19-17

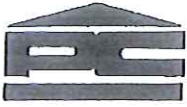
4. OWNER ACTION:

- The Architects recommendation as stated herin is accepted.
- Other: _____

Owner: Calallen Independent School District

By _____

Date _____



POLASEK CONSTRUCTION, INC.

GENERAL CONTRACTORS • COMMERCIAL • RESIDENTIAL • INSTITUTIONAL

April 19, 2017

Ferrell Brown & Associates Inc.
700 Everhart Terrace
Corpus Christi, Texas

Re: CP #01A
Calallen ISD - Multi-Purpose Building - Pool Facility

Provide removal of subgrade and placement of 7' of select fill under slab on grade and 3.5' of select fill under pool. Select fill to be placed in 8" lifts and compacted to 95%. Placement and compaction of select fill to be monitored by Rock Engineering. The depth of fill placement will achieve a 1" Potential Vertical Rise (PVR).

Kaye & Sons:

Select Fill (7') ----- \$ 127,984.00
Includes 5' overbuild at pool

Paddock Southwest:

Select Fill (3.5') ----- \$ 24,500.00
Epoxy coated reinforcing ----- \$ 5,000.00

Polasek Construction:

Extended Gen. Conditions --- \$ 11,180.00

Note: Cost reduction of \$10,000.00 will be allowed for placement of spoils on site. Materials to be spread to allow for Owner maintenance.

Contractor Fee ----- \$ 7,349.00
Bond Fee ----- \$ 1,598.00

Total Amount \$ 177,611.00
\$ (10,000.00)
Final Proposed Cost \$ 167,611.00

PO Box 64, El Campo, Texas 77437
(979) 543-9708 FAX: (979) 543-2081
greg@polasekconstruction.com



4805 GEMINI STREET
CORPUS CHRISTI TEXAS
WWW.KAYEDEVOPMENT.NET

Tel - 361.888.8300
Fax - 361.888.8301

STATE OF TEXAS
REGISTERED UNDERGROUND FIRE INSTALLATION
LICENSE # SCR-U-1769127
LICENSE # RME-U-1769120

04.18.17

QUOTE TO	POLASEK CONSTRUCTION	JOB NAME	CALALLEN ISD
PHONE		CITY	CORPUS CHRISTI TEXAS
FAX		BID DATE	11.08.16
ATTN:		ADDENDUMS REC	0
		DATE OF PLANS	10.19.16
		ENGINEER	URBAN ENGINEERING
		PE DATE	10.19.16

	<u>QTY</u>	<u>UNITS</u>	<u>UNIT/PRICE</u>	<u>TOTAL</u>
MOBILIZATION, PERMITS AND GENERAL CONDITIONS	2	EA	\$3,500.00	\$7,000.00
SITE GRADING				
1 REMOVE ALL SELECT AND STACK ONSITE	1	LS	\$14,254.00	\$14,254.00
OPTION 1 - 5.5' SELECT AND 9' SELECT 5' AROUND POOL				
1 EXCAVATE OUT ADDITIONAL EXISTING MATERIAL	1,970	CY	\$3.90	\$7,683.00
3 EXPORT OVERBURDEN	2,022	CY	\$8.00	\$16,176.00
4 IMPORT BACK IN STOCKPILED SELECT	1,677	CY	\$9.00	\$15,093.00
5 IMPORT IN ADDITIONAL SELECT FROM PIT AND PLACE	3,203	CY	\$13.25	\$42,439.75
SITE GRADING SUBTOTAL				\$95,645.75
GRAND TOTAL OPTION 1				\$102,645.75

	<u>QTY</u>	<u>UNITS</u>	<u>UNIT/PRICE</u>	<u>TOTAL</u>
MOBILIZATION, PERMITS AND GENERAL CONDITIONS	2	EA	\$3,500.00	\$7,000.00
SITE GRADING				
1 REMOVE ALL SELECT AND STACK ONSITE	1	LS	\$14,254.00	\$14,254.00
OPTION 2 - 7' SELECT AND 10' SELECT 5' AROUND POOL				
1 EXCAVATE OUT ADDITIONAL EXISTING MATERIAL	2,748	CY	\$3.90	\$10,717.20
2 EXPORT OVERBURDEN	2,748	CY	\$8.00	\$21,984.00
3 IMPORT BACK IN STOCKPILED SELECT	1,677	CY	\$9.00	\$15,093.00
4 IMPORT IN ADDITIONAL SELECT FROM PIT AND PLACE	4,448	CY	\$13.25	\$58,936.00
SITE GRADING SUBTOTAL				\$120,984.20
GRAND TOTAL OPTION 2				\$127,984.20

DEDUCT ALTERNATE			
1	SPREAD OVERBURDEN ONSITE INSTEAD OF EXPORT OPTION 1		(\$7,000)
2	SPREAD OVERBURDEN ONSITE INSTEAD OF EXPORT OPTION 2		(\$10,000)

- QUALIFICATIONS**
- 1 3 POINT SUPPLIED BY OTHERS FOR GPS GRADE CONTROL
 - 2 THIS IS A LUMP SUM BID

- EXCLUSIONS**
- 1 NO ASPHALT, CONCRETE OR SOILS TESTING
 - 2 NO LANDSCAPING OR SEEDING
 - 3 NO SWPP, NOI, PERMITS OR FEES
 - 4 TOPSOIL ONSITE IS CONSIDERED SUITABLE FOR TOPSOIL REPLACEMENT
 - 5 COST OF BOND
 - 6 REPAIR TO UTILITIES NOT SHOWN ON THE PLAN OR MARKED BY ONE CALL
 - 7 TEX DOT ROW PERMITS IF NECESSARY
 - 8 TESTING OTHER THAN WHAT IS LISTED
 - 9 SITE DEVELOPMENT PERMITS AND IMPACT FEES
 - 10 MATERIAL ONSITE IS CONSIDERED SUITABLE FOR BACKFILL
 - 11 ROCK EXCAVATION OR ROCK TRENCHING
 - 12 TEMPORARY WATER BY OTHERS
 - 13 NOT RESPONSIBLE FOR OTHER CONTRACTORS SPOILS
 - 14 INCLUDES 4 MOBILIZATIONS, EACH ADDITIONAL MOB IS \$3500.00 EA.
 - 15 TRAFFIC CONTROL EXCLUDED

RESPECTFULLY SUBMITTED

DOUGLAS M. KAYE
GENERAL MANAGER
KAYE & SONS SITE DEVELOPMENT LLC
douglas@kayedevopment.com
512.845.3176

TEXAS
PO Box 1616
Pasadena, TX 77501
713-477-3896 phone
713-477-3897 fax



LOUISIANA
PO Box 308
Grand Cane, LA 71032
318-865-3551 phone

Paddock Southwest, LLC

Date: 4/18/17
Project: Calallen
Attention: Glenn Buenger
Polasek Construction

Please see below for the Calallen Pool earthwork price:

Excavation, haul-off, select fill, and compaction of 2.5 feet under pool \$17,000.00
Excavation, haul-off, select fill, and compaction of 3.5 feet under pool \$24,500.00

Thank you

A handwritten signature in black ink, appearing to read "Curtis L. Morgan".

Curtis L Morgan
Paddock Southwest
President
Office: 713-477-3896
Fax: 713-477-3897
PO Box 1616
Pasadena, TX 77501



- GEOTECHNICAL ENGINEERING
- CONSTRUCTION MATERIALS
ENGINEERING & TESTING
- SOILS • ASPHALT • CONCRETE

April 18, 2017

Calallen Independent School District
c/o Diverse Design Solutions, PLLC Consulting Engineer
433 McCampbell Road
Corpus Christi, Texas 78408

Attention: Mr. Jared Merdes

SUBJECT: **SUPPLEMENT NO. 1 (Revision 1)**
GEOTECHNICAL RECOMMENDATIONS
CALALLEN INDEPENDENT SCHOOL DISTRICT
CALALLEN HIGH SCHOOL
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive
Corpus Christi, Texas
RETL Job No. – G117269

Dear Mr. Merdes,

Opening

In accordance with a request for supplemental recommendations at the above referenced project site, Rock Engineering and Testing Laboratory, Inc. (RETL) (TBPE Firm No. 2101) is issuing this Supplement No. 1. Any conflicting recommendations provided in this supplement with those previously provided in the original report dated April 11, 2017 are superseded by those recommendations provided herein. One electronic copy of this Supplement No. 1 is being issued for your files and distribution to the design team.

Based on information provided, RETL understands that the proposed pool may be designed for either a 1-inch or 1½-inch PVR condition.

ROCK ENGINEERING & TESTING LABORATORY, INC.
www.rocktesting.com

6817 LEOPARD STREET • CORPUS CHRISTI, TEXAS 78409-1703
OFFICE: (361) 883-4555 • FAX: (361) 883-4711

10856 VANDALE ST. • SAN ANTONIO, TEXAS 78216-3625
OFFICE: (210) 495-8000 • FAX: (210) 495-8015

No.1 ROUNDVILLE LANE • ROUND ROCK, TEXAS 78664
OFFICE: (512) 284-8022 • FAX: (512) 284-7764

April 18, 2017
Attn.: Mr. Jared Merdes
RETL Job No.: G117269

Supplement No. 1 (Revision 1)
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive; Corpus Christi, Texas

PVR Discussion

The PVR values were calculated using the Texas Department of Transportation Method TEX-124E and took into account the depth of the active zone, estimated to extend to a depth of approximately 15-feet and the Atterberg limits test results of the soils encountered within the active zone.

The estimated PVR values provided are based on the floor system applying a sustained surcharge load of approximately 1.0 pound per square inch on the subgrade soils as well as the sustained surcharge load exerted by 1-foot of properly compacted select fill placed at the site to raise the grade 1-foot above the average existing grade at the site resulting in a 6-inch concrete floor slab elevation 1½-feet above the average grade elevation at the site at the time of our field investigation or the load imposed by the proposed pool based on the water depth provided, as applicable. The value represents the vertical rise that can be experienced by dry subsoils if they are subjected to conditions that allow them to become saturated, such as poor drainage. Using dry soil conditions to calculate the PVR is generally considered the worst case scenario. The actual movement of the subsoils is dependent upon their change in moisture content. Differential vertical movements can potentially be equal to the expected total movements. Worst case scenario can result in differential vertical movements at this site equal to the calculated PVR over a distance equal to the depth of the active zone, within the footprint of a slab-on-grade if dry soil conditions exist and a localized water source such as ponding water or a plumbing leak occurs resulting in non-uniform moisture conditions.

Pool Deck

Based on the results of our field investigation and laboratory testing program, it appears as if the potential vertical rise (PVR) at this location for the pool deck, which will be constructed at a finished floor slab elevation of 83.86-feet with the average existing grade at assumed to be 82.5-feet, is on the order of **3¾ to 4-inches**.

In order to reduce the PVR to approximately 1-inch, sitework improvements will include removing the existing soils from an elevation of 82.5-feet to an elevation of 76.5-feet, or 6-feet, moisture condition and compact the exposed subgrade soils, and finally place a minimum of 7-feet of properly compacted non-expansive "**Select Fill**" soils in order to achieve a finished floor slab elevation of 83.86-feet.

In order to reduce the PVR to approximately 1½-inch, sitework improvements will include removing the existing soils from an elevation of 82.5-feet to an elevation of 78.0-feet, or 4½-feet, moisture condition and compact the exposed subgrade soils, and finally place a minimum of 5½-feet of properly compacted non-expansive "**Select Fill**" soils in order to achieve a finished floor slab elevation of 83.86-feet.

April 18, 2017
Attn.: Mr. Jared Merdes
RETL Job No.: G117269

Supplement No. 1 (Revision 1)
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive; Corpus Christi, Texas

Swimming Pool

Based on the results of our field investigation and laboratory testing program, it appears as if the potential vertical rise (PVR) at this location for the pool, which will have an estimated pool water elevation near the 83.36-feet with a water depth of 5.75-feet and pool bottom thickness of 6-inches is on the order of **3 to 3¼-inches**.

In order to reduce the PVR to approximately 1-inch, sitework improvement will include removing the existing soils from beneath the bottom of the swimming pool bearing elevation a minimum of 3½-feet, moisture condition and compact the exposed subgrade soils and finally place a minimum of 3½-feet of properly compacted non-expansive "**Select Fill**" soils.

In order to reduce the PVR to approximately 1½-inch, sitework improvement will include removing the existing soils from beneath the bottom of the swimming pool bearing elevation a minimum of 2½-feet, moisture condition and compact the exposed subgrade soils and finally place a minimum of 2½-feet of properly compacted non-expansive "**Select Fill**" soils.

The upper 1-foot of exposed subgrade soils shall be compacted to a minimum density of 95 percent of the maximum dry density as determined by the standard Proctor test (ASTM D698) and at, or above, the optimum moisture content. If any soft areas are identified, the soils should be removed and re-compacted in place.

Site Preparation (Swimming Pool)

In the area where the pool foundation is to be constructed, soil, vegetation and all loose or excessively organic materials and other deleterious materials shall be removed to at least the minimum depth required to achieve the design PVR condition. The excavation should extend a minimum distance of 5-feet outside the perimeter of the proposed pool. The depth of the excavation shall be measured from the deepest part of the pool concrete slab, excluding any subsidiary elements such as drain boxes, and the entire excavation to the 5-foot distance outside of the pool footprint shall be to a uniform elevation in order to achieve the minimum select fill thickness below the deepest portion of the pool. The upper 1-foot of exposed subgrade soil shall be compacted to a minimum density of 95 percent of the maximum dry density as determined by the standard Proctor test (ASTM D698) and at, or above, the optimum moisture content. If any soft areas are identified, the soils should be removed and re-compacted in place. The required thickness of select fill soils shall be placed in the excavation in order to achieve the desired finished concrete floor elevation.

April 18, 2017
Attn.: Mr. Jared Merdes
RETL Job No.: G117269

Supplement No. 1 (Revision 1)
MULTI-PURPOSE BUILDING NEW POOL ADDITION
4105 Wildcat Drive; Corpus Christi, Texas

Closing

Often, because of design and construction details that occur on a project, questions arise concerning soil conditions, and Rock Engineering and Testing Laboratory, Inc. (RETL) would be pleased to continue its role as Geotechnical Engineer during the project implementation.

RETL also has great interest in providing materials testing and observation services during the construction phase of this project. If you will advise us of the appropriate time to discuss these engineering services, we will be pleased to meet with you at your convenience. If you have any questions, or if we can be of further assistance, please contact us at (361) 883-4555.

Sincerely,



Brian J. Geiger, P.E.
Geotechnical Engineer

BOARD OF EDUCATION
CALALLEN INDEPENDENT SCHOOL DISTRICT
CORPUS CHRISTI, TEXAS

Date: April 25, 2017

Subject: Resignation and Appointments

New Business

Action

BACKGROUND INFORMATION

Calallen I.S.D. administration prepares a list of resignations and appointments since the previous Board meeting.

ITEM ADDRESSED

As per Personnel List presented to the Board.

RECOMMENDED ACTION

Informational purposes only, unless employee resigning or being hired requires Board approval as dictated by policy.

Closed Session Statement

The Superintendent requests that the Board of Trustees convene in closed meeting as authorized by the provisions of the Open Meetings Act, Chapter 551 of the Texas Government Code. This executive session is in accordance with Section §551.071; consultation with attorney regarding legal issues and possible settlement related to Calallen ISD v. Teal Construction, Et al., Cause No. 2014-DCV-6027B, In the Nueces County District Court, 117th Judicial District.