



# Minutes

## Titan Student Centers Board of Trustees

📅 Wed March 3rd, 2021

🕒 1:30pm - 3:30pm PST

📍 Zoom Meeting: <https://fullerton.zoom.us/j/83875681771>

### 👤 In Attendance

#### 1. **Call to Order**

Nima Nikopour, Chair, called the meeting to order at 1:31 p.m.

#### 2. **Roll Call**

Members Present: Budisantoso, Garcia, Linares, Luo, Martin, Nikopour, Reveles, Sadat, Sanchez, Shabak, Wong

Members Absent: Estephanian, Lee

Liaisons Present: Allen, Masoud, Scialdone

Liaisons Absent: None

According to the ASI Policy Concerning Board of Directors Operations, attendance is defined as being present prior to the announcement of Unfinished Business and remaining until the scheduled end of the meeting.

\* Indicates that the member was in attendance prior to the announcement of Unfinished Business but left before the scheduled ending of the meeting.

\*\* Indicates that the member was in attendance for a portion of the meeting, but not in attendance prior to the announcement of Unfinished Business.

#### 3. **Approval of Agenda**

(Linares-m/Garcia-s) The agenda was approved by unanimous consent.

#### 4. **Approval of Minutes**

##### a. **02/03/2021 TSCBOT Minutes**

(Sanchez-m/Garcia-s) The February 3, 2021 TSC Board of Trustees meeting minutes were approved by unanimous consent.

## 5. **Public Speakers**

Members of the public may address TSC Board of Trustees members on any item appearing on this posted agenda.

## 6. **Time Certain**

NONE

## 7. **Reports**

### a. **Chair**

Nikopour shared as of yesterday, the Board of Trustees will not be continuing next year. Any questions, running for next year's positions, please reach out. This is a very motivating and inspiring opportunity to set the tone for how people remember the BOT. Make sure any items that you have pending or want to do, lets move forward.

### b. **Vice Chair for Facilities**

Shabak reported last week's committee approved capital expenditures for 2021. The item is on the agenda for today.

### c. **Vice Chair for Operations**

Vacant

### d. **ASI Associate Executive Director**

Allen reviewed her written report, which is an attachment to the agenda.

### e. **ASI Board of Directors Chair**

Linares reviewed her written report which has been uploaded on Boardable for member access.

### f. **ASI President**

Reveles , a copy of the Executive Officer's report has been uploaded on Boardable for member access.

## 8. **Unfinished Business**

### a. **Action: TSC Vice Chair Operations**

*The TSC Board will consider electing a Student Trustee to serve as Vice Chair of the Operations Committee effective immediately through May 31, 2021.*

**BOT 010 20/21 (Garcia-m/Wong-s) A motion was made and seconded to elect a student trustee to serve as Vice Chair of the Operations Committee effective immediately through May 31, 2021.**

Nikopour opened the floor to nominations.

- Sanchez self-nominated

Nikopour closed nominations

Sanchez spoke to the Board of Trustees regarding her experience and eligibility.

Nikopour asked if there were any questions for the nominees. There were none.

Nikopour opened the floor to discussion.

Linares shared that Sanchez is a great candidate for Vice Chair Operations.

Nikopour asked if there were any objections to moving to a roll call vote. There were no objections.

**Decision: BOT 010 20/21 (Garcia-m/Wong-s) Roll Call Vote: 11-0-0 Alison Sanchez was elected to serve as Vice Chair of the Operations Committee effective immediately through May 31, 2021.**

## 9. New Business

### a. **Action: TSC Capital Projects Proposal 2021 (Facilities)**

*The TSC Board of Trustees will consider approving the 2021 TSC Capital Projects Proposal.*

**BOT 011 20/21 (Facilities) A motion was brought to the Board of Trustees from the Facilities Committee to approve the 2021 Capital Projects Proposal.**

Nikopour yielded to Shabak to review the proposal and discussion from Facilities.

Shabak shared the items are mainly to address required maintenance and needed upgrades.

Nikopour opened the floor to questions.

Nikopour asked for examples of the wear and tear items. Shabak shared the pool replastering process is something that should be done every 10 years, and this has not been done at the SRC. Also, carpet replacement in the upstairs SRC. Door replacements in some areas, etc. Nikopour asked if the projects would be completed prior to returning to in-person operations. Shabak shared the goal is to complete before returning to campus in the fall.

Nikopour opened the floor to discussion. There were no points of discussion.

Nikopour asked if there were any objections to moving to a roll call vote. There were no objections.

**Decision: BOT 011 20/21 (Facilities) Roll Call Vote: 11-0-0 The motion to approve the 2021 Capital Projects Proposal was adopted.**

### b. **Action: 2021-22 TSC Budget (Operations)**

The TSC Board of Trustees will consider approving the 2021-2022 Titan Student Centers Budget.

**BOT 012 20/21 (Operations) A motion was brought to the Board of Trustees from the Operations Committee to approve the 2021 Capital Projects Proposal.**

Nikopour yielded to Carol McDoniel, Director of Administration to review the budget.

McDoniel reviewed the budget philosophy, process, and documentation. McDoniel shared an overview of adjustments made from the Committee including:

- Transfer to Unfunded Pension \$406,602
- Marketing supplies - we reduced this line item twice, but feel they may need the \$35,000. This is an addition of \$6,878
- BE supplies and contracts - added \$73,805
- Camera Maintenance Fee - adjusted Contracts Fees & Rentals

Total increase for these fixes is \$82,184. This affects the “subsidy from fees” and we matched that number for the “return to operations” (or total draw down) on the Fund Balance page 2.

Nikopour opened the floor to questions. There were no questions.

Nikopour opened the floor to discussion. There were no discussion items.

Nikopour asked for a motion/second to approve the amended budget (Garcia-m/Sanchez-s). No questions/discussion or objections. Roll Call Vote 11-0-0

Nikopour asked if there were any objections to moving to a roll call vote.

**Decision: BOT 012 20/21 (Operations) Roll Call Vote: 11-0-0 The motion to approve the 2021 Capital Projects Proposal was adopted.**

**c. Action: Vacancy Appointments**

*The TSC Board of Trustees will consider appointing the recommended applicants to fill the vacant Student Trustee positions subject to ASI Board confirmation through May 31, 2021.*

**BOT 013 20/21 (Sanchez-m/Garcia-s) A motion was made and seconded to appoint the recommended applicants to serve as Student Trustees to fill the current vacancies.**

Nikopour reviewed the interview and selection process and introduced the three applicants.

- Isaiah Bernal
- Ernesto Martinez
- Vivian Yenson

Bernal shared an overview of his experience and eligibility. Goals to accomplish with his experience, use data to determine how to best serve students. Help existing trustees to accomplish pending projects. Looking to get involved with the Food Pantry.

Martinez shared an overview of his eligibility and experience. Looking forward to connect with peers and faculty to enrich programs that he is currently part of. Looking forward to planning programs for the fall return to campus, like outdoor SRC

activities.

Yenson shared an overview of her experience and eligibility. Member of BICC, experience with BOD leaders reporting.

Nikopour opened the floor to questions.

Wong shared excitement to have new members joining the BOT.

Nikopour asked what interested each applicant about BOT.

Bernal shared he believes in the importance of immersing himself in campus activities and those programs that benefit campus life. Help create a smooth atmosphere for all students especially those in Project Rebound. Serve campus.

Martinez shared avid user of the SRC and the TSU. See a lot of value in the opportunity to work on allocating resources, connecting students and providing services to faculty.

Yenson shared as a student rep want to make the most of the next three months to prepare for the return to campus in fall.

Nikopour invited the participants to remain in the open virtual meeting or move to a break-out room during the Board's discussion.

The Board of Trustees moved into discussion.

Sanchez shared that hearing from the three students, feel that they would be a great asset to the BOT.

Sadat shared all three seem representative of various areas of campus and seem that they would be a great addition to the Board.

Nikopour shared that the Board will vote for all three candidates.

Nikopour asked if there were any objections to moving to a roll call vote. There were no objections.

**Decision: BOT 013 20/21 (Sanchez-m/Garcia-s) Roll Call Vote: 11-0-0 Isaiah Bernal, Ernesto Martinez and Vivian Yenson were appointed to serve as Student Trustees to fill the current vacancies effective upon Board of Directors approval, through May 31, 2021.**

## 10. Announcements/Member's Privilege

- o Reveles shared scholarship applications are due by March 5th. The President's budget presentation will be presented to the Finance Committee tomorrow, Thursday, 3/4/2021.
- o Budisantoso thanked everyone who participated in Homecoming. Navigating Your Black Identity event happening tomorrow. Dinner with 12 Titans available for sign-ups. Scholarships and graduating seniors awards are open for applicants and nominees, deadline in two weeks. Reach out with any questions.

- Sanchez thanked the BOT for voting for her to serve as VC Operations. Encouraged all students to do their best as they finish the year. She spoke to the information sent out regarding the Student Advisory Council, she would like more information on the options provided to elections candidates.

## 11. **Adjournment**

Nikopour, Chair, adjourned the meeting at 2:53 p.m.

*Nima Nikopour*

Nima Nikopour (Apr 8, 2021 19:49 PDT)

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Nima Nikopour, TSC Board of Trustees Chair

*Susan Collins*

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Susan Collins, Recording Secretary

## Roll Call 2020-2021

### 03/03/2021 TSCBOT MEETING

Attendance	TSCBOT Trustees (Voting Members)	
	Present	Absent
Student Trustee	VACANT	
Alumni Asso. Rep	BUDI SANTOSO, JUSTINE	1
Student Trustee	VACANT	
Student Trustee	ESTEPHANIAN, DAVID	1
Student Trustee	GARCIA, MATTHEW	1
Student Trustee	VACANT	
RSA Rep.	LEE, KRISTEN	
ASI BOD Rep.	LINARES, MARIA	1
AS/Faculty Rep.	LUO, TING	1
Univ. President's Rep.	MARTIN, LARRY	1
TSC Board Chair	NIKOPOUR, NIMA	1
ASI Pres. Rep.	REVELES, MARCUS	1
Student Trustee	SADAT, DELILAH	1
Student Trustee	SANCHEZ, ALI SON	1
VC Facilities	SHABAK, SHAYAN	1
Student Trustee	WONG, BRANDON	1
	11	1

Attendance	TSCBOT Liaisons	
	Present	Absent
ASI Assoc Exec Dir	Allen	1
VP Admin & Fin Rep.	Masoud	1
VP Student Affairs Rep.	Scialdone	1
	3	0

Recording Secretary: Susan Collins

Roll Call Votes		010 - VC Operations			011 - Capital Projects			012 Amendment		
		Yes	No	Abstain	YES	No	Abstain	YES	No	Abstain
Student Trustee	VACANT									
Alumni Asso. Rep	BUDI SANTOSO, JUSTINE	1			1			1		
Student Trustee	ESTEPHANIAN, DAVID	Absent								
Student Trustee	GARCIA, MATTHEW	1			1			1		
Student Trustee	VACANT									
RSA Rep.	LEE, KRISTEN	Absent								
ASI BOD Rep.	LINARES, MARIA	1			1			1		
AS/Faculty Rep.	LUO, TING	1			1			1		
Univ. President's Rep.	MARTIN, LARRY	1			1			1		
VC Operations	VACANT									
ASI Pres. Rep.	REVELES, MARCUS	1			1			1		
Student Trustee	SADAT, DELILAH	1			1			1		
Student Trustee	SANCHEZ, ALI SON	1			1			1		
VC Facilities	SHABAK, SHAYAN	1			1			1		
Student Trustee	WONG, BRANDON	1			1			1		
Chair	NIKOPOUR, NIMA	1			1			1		
		YES	No	Abstain	YES	No	Abstain	YES	No	Abstain
		11	0	0	11	0	0	11	0	0

Roll Call Votes		012 Budget			013 - Student Trustees		
		Yes	No	Abstain	YES	No	Abstain
Student Trustee	VACANT						
Alumni Asso. Rep	BUDI SANTOSO, JUSTINE	1			1		
Student Trustee	ESTEPHANIAN, DAVID	Absent					
Student Trustee	GARCIA, MATTHEW	1			1		
Student Trustee	VACANT						
RSA Rep.	LEE, KRISTEN	Absent					
ASI BOD Rep.	LINARES, MARIA	1			1		
AS/Faculty Rep.	LUO, TING	1			1		
Univ. President's Rep.	MARTIN, LARRY	1			1		
VC Operations	VACANT						
ASI Pres. Rep.	REVELES, MARCUS	1			1		

Student Trustee	<b>SADAT, DELILAH</b>	1			1		
Student Trustee	<b>SANCHEZ, ALISON</b>	1			1		
VC Facilities	<b>SHABAK, SHAYAN</b>	1			1		
Student Trustee	<b>WONG, BRANDON</b>	1			1		
Chair	<b>NI KOPOUR, NIMA</b>	1			1		
		YES	No	Abstain	YES	No	Abstain
		<b>11</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>





# Associate Executive Director Report

*Keya Allen*

*March 03, 2021*



CALIFORNIA STATE UNIVERSITY  
**FULLERTON**<sup>™</sup>

# Children's Center

- Reopened for in-person services. Currently operating two classrooms. One for older toddler and one preschool classroom.
- Hosted 4 Community Zooms sessions
- Provided 74 Individualized Distance Learning Curriculum Plans to be used for at home learning.
- Provided 65 Early Childhood Resources Posted on the ASI CC Website including group time sessions, activities and parent resources.

## Children's Center (cont.)

- Provided 566 hours of in person childcare to Preschool age children.
- Provided 382 hours of in person childcare to Toddler age children.
- Total of 948 hours of childcare provided.

# Leader & Program Development

- ASI DEI Workshop groups continues to develop our DEI plan. Currently, the group is reviewing the report from our initial assessment to inform how to integrate it into the plan.

# Leader & Program Development (cont.)

- ASI Elections, March 09-10
- Virtual Social Justice Week, March 15-19
- Virtual Spring Concert, May 08, 2021
- Food Pantry:
  - March: 05, 09, 11, 19, 23
  - April: 02, 06, 08, 16, 20, 22, 30
  - May: 04, 06

# Student Recreation Center

- Hosted NIRSA's (National Intramural-Recreation Sport Association) Recreational and Sport Day on Feb 22, 2021.
  - *It is a day commemorating NIRSA's founding in 1950. We had Cameo spots on our Instagram pages by Gabby Douglas, Bruce Bowen, Anthony Anderson, Katie Sowers, Tony Hawk which resulted in over 2,600 views on our page. We provided outdoor planning sessions, a hip hop class, fitness Classes, and Trivia.*
- Hosted an NBA2k21 Esports tournament and an NBA pick'em challenge as part of campus Stay at Homecoming week of events



## **Anthony Anderson of “Blackish”**

Supporting Rec Day!!

## Student Recreation Center Innovation / Data (cont.)

- 1700% increase in participation from fall 2020 (5 total registered) to spring 2021 (90 total registered) in Couch to Crushing which is a 6-week fitness program
- 200+ students attended our weekly drop in fitness classes in the month of February.
- Over 100 participants registered for our Intramurals Sports, e-sports and step challenge
- 70 participants actively participating in our Triathlon & Hiking Club
- 18 student participants in our February Mindful Monday's session, which is a 30-minute session of mediation, guided breathing, and stretching.
- Collaborated with TitanWell virtual hut to promote and discuss healthy relationships whether romantic, platonic, with friends, or coworkers and what they look like.



# Titan Student Union

- Working on securing capital funding to improve safety and security in the TSU.
- Staff flexibility allowed 5 of my team to be assigned to other areas in need.
- We're closed. There's no data.
- We innovated by shipping my staff off to other departments to help them accomplish their tasks.
- Updated interior digital signage to online access vs. physical refresh of kiosks.
- About to complete our first Virtual Art Show and award small prizes to our top three chosen winners
- Offered virtual consultation to student orgs who may be organizing non-physical events and meetings.

# Titan Student Center

- Our staff has been participating in the ASI DEI workshops.
- Professional Staff, Kirsten Stava leads our DEI Book Club.

# ASI Scholarships

- ASI Scholarships applications are open
  - Deadline is Friday, March 5 at 4:00 pm

Contact [asischolarships@Fullerton.edu](mailto:asischolarships@Fullerton.edu) for additional information or questions.

# ACUI Conference

- March 03-05, 2021
- Conference [Link](#)
- The [schedule](#) and [educational session abstracts](#) are now available, so you can dive into all of the offerings, from an opening keynote by Mikki Kendall to one-on-one and group networking sessions.



CALIFORNIA STATE UNIVERSITY, FULLERTON™

## TITAN STUDENT CENTERS BOARD OF TRUSTEES PROPOSAL

Allocate \$1,241,500 for 2021 capital projects and purchases

**PRESENTED TO:** Titan Student Centers Board of Trustees, Facilities Committee

**MEETING DATE:** Wednesday, February 17, 2021

**PRESENTED BY:** Shayan Shabak, Vice Chair of the TSCBOT Facilities Committee  
Drew Wiley, Director, ASI Leader and Program Development  
Aaron Tapper, Director, Titan Recreation  
Jeff Fehr, Associate Director, Titan Student Union

### **BACKGROUND**

As directed by California Education Code, CSU Chancellor's Office Executive Order, and System-wide Revenue Bond Requirements, ASI is required to maintain and reinvest in Titan Student Union and Student Recreation Center facilities and equipment. Annually, the Titan Student Centers Board of Trustees utilizes existing reserve funds for this reinvestment. This year, ASI management has determined that \$1,241,500 from Titan Student Centers reserves can be used to fund the projects outlined in the attached proposals.

### **PROPOSAL**

Allocate \$1,241,500 from the Titan Student Centers reserve funds for the projects outlined in the attached proposals.

### **RATIONALE**

Reinvestment in Titan Student Union and Student Recreation Center facilities improves services and programs for the CSUF student body, increases facility use and flexibility, and addresses appearance and safety issues within ASI facilities.

### **IMPACT**

Impact on students, programs and services varies by item. Information is contained on the cover sheet for each item.

### **BUDGET IMPACT**

Titan Student Centers reserve funds will be depleted in the amount expended, not to exceed the total amount approved.

### **IMPLEMENTATION TIMELINE**

Approved purchases and projects may be started upon final approval and completed by the end of the 2021-2022 fiscal year. If unavoidable delays occur, funds remain available for approved projects for not more than three fiscal years from date of approval.

## Titan Student Centers Capital Requests 2021

<b>Titan Student Union</b>	<b>Requests</b>
Alarm Upgrade	\$ 62,500
Digital Locks and Keybox	\$ 40,500
Door Replacements	\$ 225,000
Pavilion Carpet	\$ 500,000
TBB Scoring Upgrade	\$ 28,000
<b>TSU Total:</b>	<b>\$ 856,000</b>

<b>Titan Recreation</b>	
Fitness Equipment Upgrade	\$ 35,000
Cardio Floor Replacement	\$ 90,500
Outdoor Workout Area	\$ 100,000
Pool Replastering	\$ 60,000
<b>SRC Total:</b>	<b>\$ 285,500</b>

<b>TSC</b>	
Camera Upgrades	\$ 100,000
<b>TSC Total:</b>	<b>\$ 100,000</b>

**Total Requests: \$ 1,241,500**

**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Titan Student Union Alarm Upgrade		Titan Student Union	
PROJECT DESCRIPTION			
Upgrade alarm system in the Titan Student Union. Use app/web-based software and control of the system. Alarm tied to University Police Department for reporting and response.			
PROJECT LOCATION			
Various locations throughout the Titan Student Union. Includes offices, exterior and interior doors and open spaces.			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
Current alarms in Accounting, HR, TBB, Info & Services, and Marketing are dated. New alarms with an audible trouble-alarm and app/web-based interface and alerts would be use for faster staff response time, remote alert and maintenance. Additional alarms added to high-value areas, including AV rooms and exterior doors (similar to current staff entrance at SRC) would help prevent unauthorized entry.			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	Jun-21	End Date	Aug-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	<i>Minimal. Work will be completed when TSU is closed.</i>		
Facilities	<i>BE &amp; Ops coordination with vendor for wiring and conduit install and building access.</i>		
Staff	<i>IT coordination with campus IT on networking ASI system into campus emergency system. Relevant staff will be issued new alarm access on project completion.</i>		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
Old alarm panels and wiring to be e-wasted by vendor			
COST			
Design		IT/Telecomm	7500.00
Plan Check		Disposal	included
Construction		CSUF Facilities	
FFE	55000.00	Other	
Other		<b>TOTAL</b>	<b>62500.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Request	Amount	62500.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Jeff Fehr		2/8/2021	

<b>PROJECT TITLE</b>		<b>PROGRAM/DEPT</b>	
Titan Student Union Alarm Upgrade		Titan Student Union	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
<b>COMMUNICATION &amp; REVIEW</b>			
<b>Department</b>	<b>(name)</b>	<b>Date</b>	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
<b>Approval</b>	<b>(signature)</b>	<b>Date</b>	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
<b>Date of Board Approval (if applicable)</b>			



**ASSOCIATED STUDENTS CSUF  
CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
SRC/TSU Digital Locks & Keybox		Titan Recreation & Titan Student Union	
PROJECT DESCRIPTION			
Replace current key-locks at some entrances and high-value areas with digital-swipe locks which allow access to approved users. Add a digital keyboxe to the upper level which facilitate short-term key checkout to users in student government and the student organization area.			
PROJECT LOCATION			
Locks at various locations throughout the TSU. Keyboxes added to the upper level student organization area and at the Information & Services desk on the main level.			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
By adding digital locks and a keyboxe to key areas of the TSU (8) and SRC (3), we will continue to reduce the number of keys issued to staff and students. Gives the TSU the dual advantage of issuing fewer keys that could be lost and necessitate cost to re-key, at the same time allowing a record of which individual access which locks for security purposes.			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	May-21	End Date	Jul-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	<i>Minimal. Work will be completed when SRC &amp; TSU are closed.</i>		
Facilities	<i>Some doors and corridors inaccessible during installation.</i>		
Staff	<i>BE, Titan Rec &amp; Ops coordination with vendor for access and installation.</i>		
Other	<i>Relevant staff will need to be coded into new locks when project complete and their keys returned.</i>		
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
Old locks and door knobs to be possibly sold as scrap metal or recycled as necessary.			
COST			
Design		IT/Telecomm	8500.00
Plan Check		Disposal	
Construction		CSUF Facilities	
FFE	32000.00	Other	
Other		<b>TOTAL</b>	<b>40500.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Request	Amount	40500.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Jeff Fehm		2/8/2021	

<b>PROJECT TITLE</b>		<b>PROGRAM/DEPT</b>	
SRC/TSU Digital Locks & Keybox		Titan Recreation & Titan Student Union	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
<b>COMMUNICATION &amp; REVIEW</b>			
<b>Department</b>	<b>(name)</b>	<b>Date</b>	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
<b>Approval</b>	<b>(signature)</b>	<b>Date</b>	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
<b>Date of Board Approval (if applicable)</b>			

**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

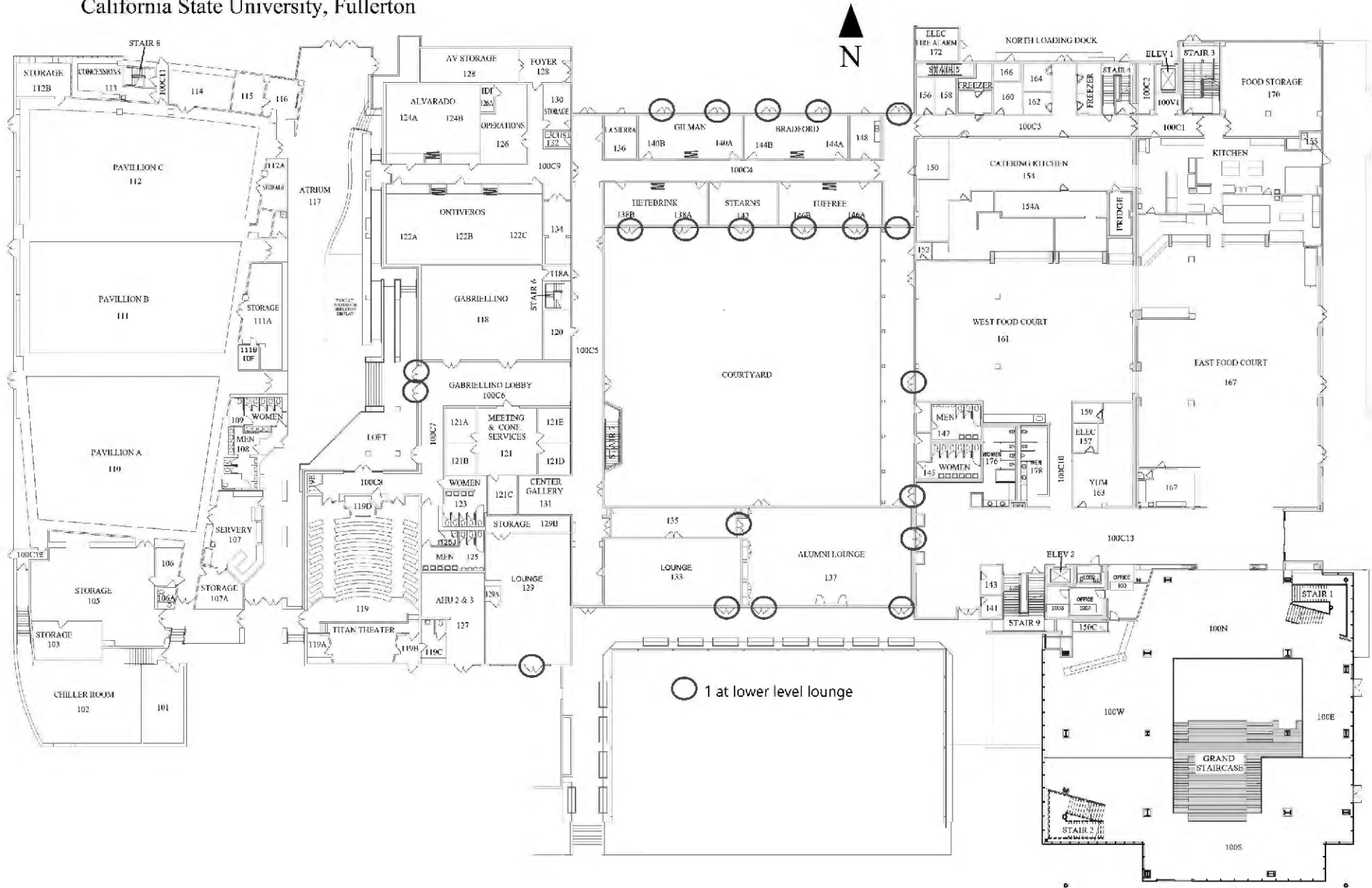
Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Door Replacement		Titan Student Union	
PROJECT DESCRIPTION			
Replace some interior and exterior doors in the Titan Student Union. Will include exterior doors dating to 1976 and interior doors dating to 1994.			
PROJECT LOCATION			
Various Locations in the Northwest meeting room area of the Titan Student Union, meeting room/Courtyard area, South Patio, Gabrielino Lobby, old Mainframe Patio,			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
Doors and thresholds in the general areas of the Titan Student Union meeting rooms, Courtyard and patios are old and need need continuous repair. The older locking mechanisms sometimes cause the doors to catch, creating a potential unlocked security opening. New doors will also make them more easily accessible for our patrons who may need assistance with the older, heavier and awkward existing doors. ADA-compliant door openers added to some doors.			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	Apr-21	End Date	Aug-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	<i>Minimal. Work will be completed when TSU is closed.</i>		
Facilities	<i>Storage for old and new doors as replaced. Some corridors, meeting rooms, offices and public areas closed during installation.</i>		
Staff	<i>BE &amp; Ops coordination with vendor for delivery, access and installation.</i>		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
Old doors to be possibly sold as scrap metal or recycled as necessary.			
COST			
Design		IT/Telecomm	
Plan Check		Disposal	included
Construction		CSUF Facilities	
FFE	225000.00	Other	
Other		<b>TOTAL</b>	<b>225000.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Request	Amount	225000.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Jeff Fehm		2/8/2021	

<b>PROJECT TITLE</b>		<b>PROGRAM/DEPT</b>	
Door Replacement		Titan Student Union	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
<b>COMMUNICATION &amp; REVIEW</b>			
<b>Department</b>	<b>(name)</b>	<b>Date</b>	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
<b>Approval</b>	<b>(signature)</b>	<b>Date</b>	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
<b>Date of Board Approval (if applicable)</b>			

# TITAN STUDENT UNION MID LEVEL

## California State University, Fullerton



**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Fitness Equipment Upgrade		Titan Recreation	
PROJECT DESCRIPTION			
Replace two aging units fro the fitness floor and replace with new models. Also add to our fitness complement with additional pieces that have been requested from the student body			
PROJECT LOCATION			
Student Recreation Center			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
By replacing the aging units we will save on repair and maintenance costs as we will have a new 3 year warranty on those pieces. The new equipment being purchased will provide a new experience for the student body on the first floor of the SRC where they can do exercises that can't be done on other machines			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	Apr-21	End Date	Apr-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	No disruption as facility is closed		
Facilities	No disruption as facility is closed		
Staff	Staff member will be onsite during installation		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
Aging units will be removed by installer			
COST			
Design		IT/Telecomm	
Plan Check		Disposal	0.00
Construction		CSUF Facilities	
FFE		Other	
Other	35000.00	<b>TOTAL</b>	<b>35000.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Budget Request	Amount	35000.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Ken Maxey		2/10/2021	

PROJECT TITLE		PROGRAM/DEPT	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
COMMUNICATION & REVIEW			
Department	(name)	Date	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
Approval	(signature)	Date	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
Date of Board Approval (if applicable)			



# Quote

Out-Fit  
 4590 Ish Drive  
 Suite 100  
 Simi Valley, CA 93063  
 t. 800-376-3339

Date	Number
12/8/2020	44144
Prepared By:	
Wil Morrise (562) 282-8584 wil@out-fit.net	

Bill To			Ship To			
Ken Maxey CSU Fullerton Student Recreation Center 800. North State College Blvd kmaxey@fullerton.edu Fullerton CA 92834  Phone (657) 278-5855			Associated Students, CSUF, INC Accounting Office/TSU-RM224 800 North State College Blvd PO Box 6828 Fullerton CA 92834-6828  Phone (657) 278-5855			
Payment Terms	Desired Delivery Date	Est. Lead Time	Sales Consultant			
Net 30	2/22/2021	8-12 Weeks	Wil Morrise			
Qty	Vendor	Item	Description	List Price	Unit Price	Ext. Price
2		MISC ITEMS	True Stretch Cage	2,399.00	1,875.00	3,750.00
2	The Abs Co...	TireFlip 180	TireFlip 180	2,099.00	1,525.00	3,050.00
2	Marpo Kinetics	VLT	Marpo Kinetics VLT Compact Rope Trainer	4,095.00	3,895.00	7,790.00
1	Core Health &	9NP-L1131-13 BZS	Nautilus Glute Drive	2,895.00	2,195.00	2,195.00
1		IDA	Installation, Delivery and Assembly Thank you!	995.00	895.00	895.00
TOTAL PREFERRED CLIENT DISCOUNT \$3,396.00				Subtotal		17,680.00
				Freight (From Factory)		1,125.00
				Tax (7.75%)		1,300.84
				Total		\$20,105.84

Quote expires 30 days from the Quote date. Customer's signature and payment per terms above required to process order unless otherwise specified. Buyer agrees to prices, specifications, standard terms & conditions of sale. Out-Fit's standard terms and conditions can be viewed at <http://bit.ly/outfitTOS>. All orders are to be treated as custom and made to order. All orders are FOB from Out-Fit's facility. Freight, Delivery and Installation quotes are estimates and are subject to change as a result of a site survey. Additional fees may apply.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Print Name \_\_\_\_\_ Title \_\_\_\_\_





# Quote

Out-Fit  
 4590 Ish Drive  
 Suite 100  
 Simi Valley, CA 93063  
 t. 800-376-3339

Date	Number
11/20/2020	38221
Prepared By:	
Wil Morrise (562) 282-8584 wil@out-fit.net	

Bill To			Ship To			
Associated Students, CSUF, INC Accounting Office/TSU-RM224 800 North State College Blvd PO Box 6828 Fullerton CA 92834-6828  Phone (657) 278-5855			Ken Maxey CSU Fullerton Student Recreation Center 800. North State College Blvd kmaxey@fullerton.edu Fullerton CA 92834  Phone (657) 278-5855			
Payment Terms	Desired Delivery Date	Est. Lead Time	Sales Consultant			
Net 30	2/24/2020	6-8 Weeks	Wil Morrise			
Qty	Vendor	Item	Description	List Price	Unit Price	Ext. Price
2	Core Health &	8 Series Gauntlet w/LCD	8 Series Gauntlet w/LCD	7,795.00	5,085.00	10,170.00
2		IDA	Installation, Delivery and Assembly	395.00	295.00	590.00
2		Trade In	Stairmaster StepMill		-250.00	-500.00
			Thank you!			
TOTAL PREFERRED CLIENT DISCOUNT \$6,120.00				Subtotal	10,260.00	
				Freight (From Factory)	600.00	
				Tax (7.75%)	749.43	
				Total	\$11,609.43	

Quote expires 30 days from the Quote date. Customer's signature and payment per terms above required to process order unless otherwise specified. Buyer agrees to prices, specifications, standard terms & conditions of sale. Out-Fit's standard terms and conditions can be viewed at <http://bit.ly/outfitTOS>. All orders are to be treated as custom and made to order. All orders are FOB from Out-Fit's facility. Freight, Delivery and Installation quotes are estimates and are subject to change as a result of a site survey. Additional fees may apply.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Print Name \_\_\_\_\_ Title \_\_\_\_\_

Tru Stretch Cage: \$1,875 purchasing 2 units = \$3,750



Tireflip 180 \$1,525 purchasing 2 units = \$3,050



Marpo VLT Compact Rope Trainer - \$3,895 purchasing 2 units = \$7,790



Nautilus Glute Drive - \$2,195 purchasing 1 unit = \$2,195



Stairmaster 8 Series Gauntlet - \$5,085 purchasing 2 units = \$10,170



**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Cardio Floor - Floor Replacement		Titan Recreation	
PROJECT DESCRIPTION			
Replace the aging floor on the cardio floor with the same style of flooring installed in the weight room and in the cardio studio. We will also remove the desk that is currently in place.			
PROJECT LOCATION			
Student Recreation Center			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
This will allow us to provide a better floor with a better appearance. The current floor is light colored and stained and is not visually appealing. The new floor will be darker in color and provide a better look for the center. Along with a new warranty that the floor will provide. The impact absorption of the floor will create a longer lifecycle for the equipment			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	Apr-21	End Date	Apr-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	No disruption as facility is closed		
Facilities	No disruption as facility is closed		
Staff	Staff member will be onsite during demo and installation		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
We will rent a disposal bin for the crew to dispose of material			
COST			
Design		IT/Telecomm	
Plan Check		Disposal	500.00
Construction		CSUF Facilities	
FFE		Other	
Other	90000.00	<b>TOTAL</b>	<b>90500.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Budget Request	Amount	90500.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Ken Maxey		2/10/2021	

PROJECT TITLE		PROGRAM/DEPT	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
COMMUNICATION & REVIEW			
Department	(name)	Date	
ASI departments			
Tenants/Partners			
CSUF Capital Prog			
Committee			
Board			
Other			
Other			
Approval	(signature)	Date	
Director of Admin			
Assoc Exec Director			
Executive Director			
Date of Board Approval (if applicable)			



# Estimate

Date	Estimate #
11/23/2020	53652

Bill To
CSU Fullerton 800 North State College Boulevard Fullerton, California 92831

Ship To
CSU Fullerton 800 North State College Boulevard Fullerton, CA 92831

Project	Terms	Rep	Estimator
Rec Center	<b>50% down, 50% to ship</b>	BK	KC
Description	Qty	Rate	Total
<b>**PRODUCT - OPTION 1**</b>			
Achieve Roll 13mm 48"x35' 308 - 30% Gray	7,140	4.75	33,915.00T
Achieve Roll 2.5mm 48"x50' 30% Gray - for 3' wainscoting	900	1.10	990.00T
Transitions 1/2" - 0" Color Black (ADA Compliant)	12	7.94	95.28T
Transitions 1/2" - 5/16" Color Black	96	2.82	270.72T
Quarter Round Moulding 1/2" - Color: Black	204	2.62	534.48T
Cove Caps 1/8" Color Black 12 LF Strips	204	0.78	159.12T
Corner Wall Guard 1.5"x1.5" (8' LF Strips) Color: Black	120	4.845	581.40T
Rubber Cove Base 4" Color: BLACK (120 LF)	240	1.21	290.40T
PLAE Anchor Adhesive 2 gal pail + 1 1/2 qrt plastic can	28	135.00	3,780.00T
Wainscoting adhesive (4 Gallon - 350 SF Spread Rate)	3	171.00	513.00T
Cove Base Tube Adhesive - 29 oz cartridge covers 50LF	5	8.78	43.90T
3M Green 2" Tape	24	15.00	360.00T
Freight	1	5,551.05	5,551.05
<b>**INSTALL**</b>			
Achieve Roll 13mm 48"x35' 308 - 30% Gray	7,140	2.50	17,850.00
Achieve Roll 2.5mm 48"x50' 30% Gray - for 3' wainscoting	900	2.50	2,250.00
Transitions 1/2" - 0" Color Black (ADA Compliant)	12	2.00	24.00
Transitions 1/2" - 5/16" Color Black	96	2.00	192.00
Quarter Round Moulding 1/2" - Color: Black	204	2.00	408.00
Cove Caps 1/8" Color Black 12 LF Strips	204	2.00	408.00
Corner Wall Guard 1.5"x1.5" (8' LF Strips) Color: Black	120	2.00	240.00
		<b>Subtotal</b>	
		<b>Sales Tax (7.75%)</b>	
		<b>Total</b>	

Phone #	Fax #
404-645-7900	770-702-5381

Signature



# Estimate

Date	Estimate #
11/23/2020	53652

Bill To
CSU Fullerton 800 North State College Boulevard Fullerton, California 92831

Ship To
CSU Fullerton 800 North State College Boulevard Fullerton, CA 92831

Project	Terms	Rep	Estimator
Rec Center	50% down, 50% to ship	BK	KC
Description	Qty	Rate	Total
Rubber Cove Base 4" Color: BLACK (120 LF)	240	1.25	300.00
Demo Existing Material - per net SF	6,595	1.25	8,243.75
Demo Machine Rental- Ride-On	1	4,015.00	4,015.00
Trip Charge	1	3,640.00	3,640.00
Floor Prep (TBD on site-- \$5 per lb. of prep needed) - 6 Bags	1	1,500.00	1,500.00
<p>**Install and Demo Only. Floor Prep and Moving of Equipment Not Included. Additional Floor Prep may be needed upon assessment of the condition of the subfloor. **</p> <p>**This estimate does not account for Union Labor Wages. If this job is to be installed by Union workers, estimate will need to be reviewed as prices are subject to vary.**</p> <p>**Customer is responsible for providing forklift and dumpster**</p>			
Pricing valid for 30 days after date above.		<b>Subtotal</b> \$86,155.10	
Terms and Conditions can be found online at <a href="http://Plae.US/TermsAndConditions">Plae.US/TermsAndConditions</a>		<b>Sales Tax (7.75%)</b> \$3,218.83	
		<b>Total</b> \$89,373.93	

Phone #	Fax #
404-645-7900	770-702-5381

Signature \_\_\_\_\_

**ASSOCIATED STUDENTS CSUF  
CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Outdoor Workout Area		Titan Recreation	
PROJECT DESCRIPTION			
Moving the current fenceline surrounding the east side of the pool to create room for an outdoor workout area			
PROJECT LOCATION			
Student Recreation Center			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
Will provide students with a different workout experience and take advantage of the great California weather we experience. Only \$100,000 is being requested as money has been spent from previous year total and estimated only \$100,000 more to complete project			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	Apr-21	End Date	May 20201
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	No disruption as facility is closed		
Facilities	No disruption as facility is closed		
Staff	Several staff will be tasked with facilitating		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
TBD			
COST			
Design		IT/Telecomm	
Plan Check		Disposal	0.00
Construction		CSUF Facilities	
FFE		Other	
Other	100000.00	<b>TOTAL</b>	<b>100000.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Budget Request	Amount	100000.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Ken Maxey		2/10/2021	



PROJECT TITLE		PROGRAM/DEPT	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
COMMUNICATION & REVIEW			
Department	(name)	Date	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
Approval	(signature)	Date	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
Date of Board Approval (if applicable)			

STRUCTURAL CALCULATIONS

FOR

GATE/FENCE POST FOOTINGS

CSUF - ASI STUDENT CENTER

FULLERTON, CALIFORNIA

DATE : AUGUST, 2020

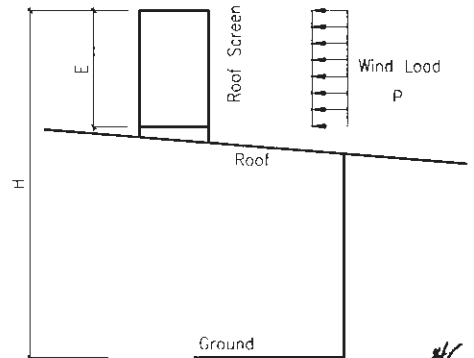
ARCHITECT : BOA ARCHITECTURE



## Wind Load, on Roof Screen / Roof Equipment, Based on ASCE 7-16

### INPUT DATA & DESIGN SUMMARY

BASIC WIND VELOCITY	V = 120 mph, (193.12 kph)
EXPOSURE TYPE (B, C, D)	==> C
SCREEN TOP ELEVATION	H = 10 ft, (3.05 m)
HEIGHT OF STRUCTURE (< 60 ft)	h = 10 ft, (3.05 m, ASCE 7-16 26.10.2)
BUILDING WIDTH	B = 0.5 ft, (0.15 m)
BUILDING LENGTH	L = 3 ft, (0.91 m)
SCREEN VERTICAL SIZE	E = 8 ft, (2.44 m)
SCREEN HORIZONTAL SIZE	D = 2 ft, (0.61 m, ASCE 7-16 29.4.1)
VERTICAL PROJECTED AREA	A <sub>f</sub> = 1 ft <sup>2</sup> ( 0.09 m <sup>2</sup> )
HORIZONTAL PROJECTED AREA	A <sub>r</sub> = 24 ft <sup>2</sup> ( 2.23 m <sup>2</sup> )
TOPOGRAPHIC FACTOR	K <sub>zt</sub> = 1 Flat, (26.8 & Table 26.8-1)



Out-of-plane load for screen design

P	=	47.9 psf, Horizontal ( 2296 N/m <sup>2</sup> )	
F <sub>h</sub>	=	0.048 kips, Horizontal (0.2 kN)	F <sub>v</sub> = 0.639 kips, Vertical (2.8 kN)

← 10.6 ASD = 29 STG 30<sup>th</sup> / 2015

### WIND ANALYSIS

Out-of-plane wind force for screen design (ASCE 7-16, 29.4.1)

$$F_h = P A_f = q_h G C_r A_r = (0.00256 K_z K_{zt} K_d V^2) G C_r A_r = ( 47.9 \text{ psf} ) A_f = 0.048 \text{ kips, Horizontal}$$

Where :

G C <sub>r</sub>	=	Max{ Min[ 2 - A <sub>f</sub> / (B h) , 1.9] , 1.0 } = 1.80 , (ASCE 7-16 Eq. 29.4-2)
h <sub>c</sub>	=	6 ft, centroid height of the screen
B h	=	5 ft <sup>2</sup> , building side area (ASCE 7-16 Eq. 29.4-2)
K <sub>z</sub>	=	0.85 , (ASCE 7-16 Tab. 26.10-1)
K <sub>d</sub>	=	0.85 , (ASCE 7-16 26.6)
K <sub>e</sub>	=	1 , (ASCE 7-16 Tab. 26.9-1)

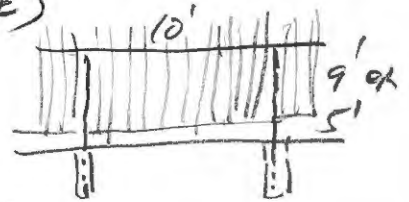
$$F_v = P A_r = q_h G C_r A_r = (0.00256 K_z K_{zt} K_d V^2) G C_r A_r = ( 26.6 \text{ psf} ) A_r = 0.639 \text{ kips, Vertical}$$

Where :

G C <sub>r</sub>	=	Max{ Min[ 2 - A <sub>r</sub> / (B L) , 1.5] , 1.0 } = 1.00 , (ASCE 7-16 Eq. 29.4-3)
B L	=	1.5 ft <sup>2</sup> , building side area (ASCE 7-16 Eq. 29.4-3)

TYPICAL FENCE POST FOOTING: (NO MESH ON FENCE)

FENCE HT = 9', 5'  
 POST SPACING = 10' MAX.



1" MESH @ 4" O.C. ← EQUID. =  $\frac{1}{12} = 8.3\%$  SAY 15% CLOSED  
 WIND LOAD = ASD = 30 #/ft<sup>2</sup> WIND = 30 #/ft<sup>2</sup> × 0.15 = 4.5  
 SAY 5 #/sf MW.

FORCE TO POST @ MID-HT  
 @ 9' HIGH FENCE = 5 #/sf × 9' × 10' = 450 #  
 5' " " = " × 5' × " = 250 #

b = 1.5', H = 5' @ 9' FENCE, S = 0.1 #/sf/ft  
 3' @ 5' FENCE

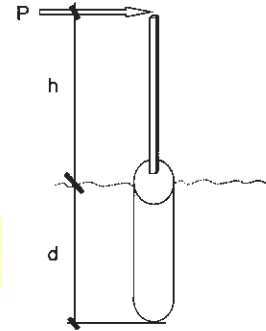
— SEE ATTACHED POLE FTG DESIGN —

USE 18" φ × 5'-0" ENBER @ 9' FENCE POLE FOOTING  
 × 3'-6" ENBER @ 5' FENCE POLE FOOTING  
 10) 4-#5 VERT, #3 TRS @ 8" O.C.

**Flagpole Footing Design Based on Chapter 18 of IBC & CBC**

**INPUT DATA & DESIGN SUMMARY**

IS FOOTING RESTRAINED @ GRADE LEVEL ? (1=YES,0=NO)	0	no
LATERAL FORCE @ TOP OF POLE	P = 0.45	k
HEIGHT OF POLE ABOVE GRADE	h = 5	ft
DIAMETER OF POLE FOOTING	b = 1.5	ft
LATERAL SOIL BEARING CAPACITY	S = 0.1	ksf / ft
ISOLATED POLE FACTOR (2018 IBC 1806.3.4)	F = 2	
FIRST TRIAL DEPTH	====> d = 4.5	ft



**Use 1.5 ft dia x 4.75 ft deep footing unrestrained @ ground level**

**ANALYSIS**

LATERAL BEARING @ BOTTOM :  $S_1 = FS \text{ Min}(d, 12')$   
 LATERAL BEARING @ d/3 :  $S_3 = FS \text{ Min}\left(\frac{d}{3}, 12'\right)$

$$A = \frac{2.34P}{bS_1}$$

REQUIRE DEPTH :

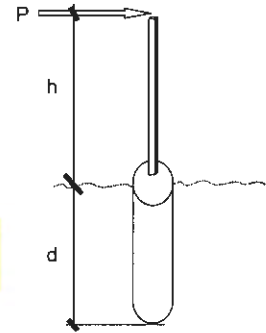
$$d = \begin{cases} \frac{A}{2} \left[ 1 + \sqrt{1 + \frac{4.36h}{A}} \right] & \text{, FOR NONCONSTRAINED} \\ \sqrt{\frac{4.25Ph}{bS_1}} & \text{, FOR CONSTRAINED} \end{cases}$$

		NONCONSTRAINED		CONSTRAINED	
LATERAL FORCE @ TOP OF POLE	P =>	0.45	k	0.45	k
HEIGHT OF POLE ABOVE GRADE	h =>	5.0	ft	5.0	ft
DIAMETER OF POLE FOOTING	b =>	1.50	ft	1.50	ft
LATERAL SOIL BEARING CAPACITY	FS =>	0.20	ksf / ft	0.20	ksf / ft
<b>1ST TRIAL</b>	<b>TRY d<sub>1</sub> =&gt;</b>	4.50	ft	4.50	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.30	ksf	0.30	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.90	ksf	0.90	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.34	-	-	-
REQD FOOTING DEPTH	RQRD d =>	4.93	ft	2.66	ft
<b>2ND TRIAL :</b>	<b>TRY d<sub>2</sub> =&gt;</b>	4.71	ft	3.58	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.31	ksf	0.24	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.94	ksf	0.72	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.23	-	-	-
REQD FOOTING DEPTH	RQRD d =>	4.78	ft	2.98	ft
<b>3RD TRIAL :</b>	<b>TRY d<sub>3</sub> =&gt;</b>	4.75	ft	3.28	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.32	ksf	0.22	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.95	ksf	0.66	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.22	-	-	-
REQD FOOTING DEPTH	RQRD d =>	4.76	ft	3.12	ft
<b>4TH TRIAL :</b>	<b>TRY d<sub>4</sub> =&gt;</b>	4.75	ft	3.20	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.32	ksf	0.21	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.95	ksf	0.64	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.22	-	-	-
REQD FOOTING DEPTH	RQRD d =>	4.75	ft	3.16	ft
<b>5TH TRIAL :</b>	<b>TRY d<sub>5</sub> =&gt;</b>	4.75	ft	3.18	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.32	ksf	0.21	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.95	ksf	0.64	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.22	-	-	-
REQD FOOTING DEPTH	RQRD d =>	4.75	ft	3.17	ft

**Flagpole Footing Design Based on Chapter 18 of IBC & CBC**

**INPUT DATA & DESIGN SUMMARY**

IS FOOTING RESTRAINED @ GRADE LEVEL ? (1=YES,0=NO)	0	no
LATERAL FORCE @ TOP OF POLE	P = 0.25	k
HEIGHT OF POLE ABOVE GRADE	h = 3	ft
DIAMETER OF POLE FOOTING	b = 1.5	ft
LATERAL SOIL BEARING CAPACITY	S = 0.1	ksf / ft
ISOLATED POLE FACTOR (2018 IBC 1806.3.4)	F = 2	
FIRST TRIAL DEPTH	====> d = 4.5	ft



**Use 1.5 ft dia x 3.39 ft deep footing unrestrained @ ground level**

**ANALYSIS**

LATERAL BEARING @ BOTTOM :  $S_3 = FS \cdot \text{Min}(d, 12')$   
 LATERAL BEARING @ d/3 :  $S_1 = FS \cdot \text{Min}\left(\frac{d}{3}, 12'\right)$

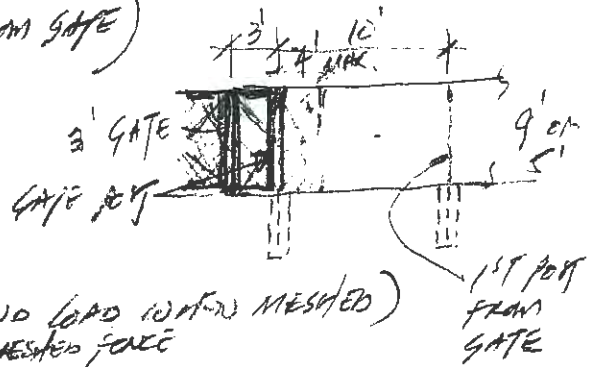
$$A = \frac{2.34P}{bS_1}$$

REQUIRE DEPTH :

$$d = \begin{cases} \frac{A}{2} \left[ 1 + \sqrt{1 + \frac{4.36h}{A}} \right] & \text{, FOR NONCONSTRAINED} \\ \sqrt{\frac{4.25Ph}{bS_1}} & \text{, FOR CONSTRAINED} \end{cases}$$

		NONCONSTRAINED		CONSTRAINED	
LATERAL FORCE @ TOP OF POLE	P =>	0.25	k	0.25	k
HEIGHT OF POLE ABOVE GRADE	h =>	3.0	ft	3.0	ft
DIAMETER OF POLE FOOTING	b =>	1.50	ft	1.50	ft
LATERAL SOIL BEARING CAPACITY	FS =>	0.20	ksf / ft	0.20	ksf / ft
<b>1ST TRIAL</b>	TRY d <sub>1</sub> =>	4.50	ft	4.50	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.30	ksf	0.30	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.90	ksf	0.90	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	1.30	-	-	-
REQD FOOTING DEPTH	RQRD d =>	2.81	ft	1.54	ft
<b>2ND TRIAL :</b>	TRY d <sub>2</sub> =>	3.66	ft	3.02	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.24	ksf	0.20	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.73	ksf	0.60	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	1.60	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.22	ft	1.88	ft
<b>3RD TRIAL :</b>	TRY d <sub>3</sub> =>	3.44	ft	2.45	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.23	ksf	0.16	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.69	ksf	0.49	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	1.70	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.36	ft	2.08	ft
<b>4TH TRIAL :</b>	TRY d <sub>4</sub> =>	3.40	ft	2.27	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.23	ksf	0.15	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.68	ksf	0.45	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	1.72	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.38	ft	2.17	ft
<b>5TH TRIAL :</b>	TRY d <sub>5</sub> =>	3.39	ft	2.22	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.23	ksf	0.15	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.68	ksf	0.44	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	1.72	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.39	ft	2.19	ft

TYPICAL FENCE POST FOOTING: - (1st POST FROM GATE)



FENCE HT = 9' 5"  
 POST SPACING = 10' MAX.

1" L-POST @ 4" O.C.

WIND LOAD = ASD =  $30 \frac{\#}{ft}$  ← FULL WIND LOAD (W/IN MESHED)  
 $5 \frac{\#}{ft}$  ← @ NON-MESHED FENCE

FORCE TO POST @ MID-HT

@ 9' HIGH FENCE =  $5 \frac{\#}{ft} \times 9' \times 6' \times \frac{1}{10'} + 5 \frac{\#}{ft} \times 9' \times 10' \times \frac{1}{10'}$   
 $+ 30 \frac{\#}{ft} \times 9' \times 4' \times \frac{2}{10'} = 635 \#$

@ 5' HIGH FENCE =  $5 \frac{\#}{ft} \times 5' \times 6' \times \frac{2}{10'} + 5 \frac{\#}{ft} \times 5' \times 10' \times \frac{1}{10'}$   
 $+ 30 \frac{\#}{ft} \times 5' \times 4' \times \frac{2}{10'} = 350 \#$

$E = 1.5'$ ,  $H = 5'$  @ 9' FENCE  
 $3'$  @ 5' FENCE

— SEE ATTACHED POLE FTG DESIGN —

- USE:
- 1) 18"  $\phi$  x 5'-6" embed @ 9' fence pole footing
  - x 4'-0" embed @ 5' fence pole footing
  - 2) 4-#5 VERT, #3 TIES @ 8" O.C.

9' fence - 1st post from gate 3.1

# LW

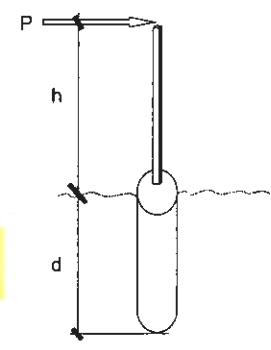
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**Flagpole Footing Design Based on Chapter 18 of IBC & CBC**

**INPUT DATA & DESIGN SUMMARY**

IS FOOTING RESTRAINED @ GRADE LEVEL ? (1=YES,0=NO)	0	no
LATERAL FORCE @ TOP OF POLE	P = 0.63	k
HEIGHT OF POLE ABOVE GRADE	h = 5	ft
DIAMETER OF POLE FOOTING	b = 1.5	ft
LATERAL SOIL BEARING CAPACITY	S = 0.1	ksf / ft
ISOLATED POLE FACTOR (2018 IBC 1806.3.4)	F = 2	
FIRST TRIAL DEPTH	====> d = 5.5	ft



**Use 1.5 ft dia x 5.43 ft deep footing unrestrained @ ground level**

**ANALYSIS**

LATERAL BEARING @ BOTTOM :  $S_3 = FS \text{ Min}(d, 12')$   
 LATERAL BEARING @ d/3 :  $S_1 = FS \text{ Min}\left(\frac{d}{3}, 12'\right)$

$$A = \frac{2.34P}{bS_1}$$

REQUIRD DEPTH : 
$$d = \begin{cases} \frac{A}{2} \left[ 1 + \sqrt{1 + \frac{4.36h}{A}} \right] & \text{FOR NONCONSTRAINED} \\ \sqrt{\frac{4.25Ph}{bS_1}} & \text{FOR CONSTRAINED} \end{cases}$$

		NONCONSTRAINED		CONSTRAINED	
LATERAL FORCE @ TOP OF POLE	P =>	0.63	k	0.63	k
HEIGHT OF POLE ABOVE GRADE	h =>	5.0	ft	5.0	ft
DIAMETER OF POLE FOOTING	b =>	1.50	ft	1.50	ft
LATERAL SOIL BEARING CAPACITY	FS =>	0.20	ksf / ft	0.20	ksf / ft
<b>1ST TRIAL</b>	TRY d <sub>1</sub> =>	5.50	ft	5.50	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.37	ksf	0.37	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.10	ksf	1.10	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.68	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.39	ft	2.85	ft
<b>2ND TRIAL :</b>	TRY d <sub>2</sub> =>	5.45	ft	4.17	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.36	ksf	0.28	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.09	ksf	0.83	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.71	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.43	ft	3.27	ft
<b>3RD TRIAL :</b>	TRY d <sub>3</sub> =>	5.44	ft	3.72	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.36	ksf	0.25	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.09	ksf	0.74	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.71	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.43	ft	3.46	ft
<b>4TH TRIAL :</b>	TRY d <sub>4</sub> =>	5.43	ft	3.59	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.36	ksf	0.24	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.09	ksf	0.72	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.71	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.43	ft	3.52	ft
<b>5TH TRIAL :</b>	TRY d <sub>5</sub> =>	5.43	ft	3.56	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.36	ksf	0.24	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.09	ksf	0.71	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.71	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.43	ft	3.54	ft





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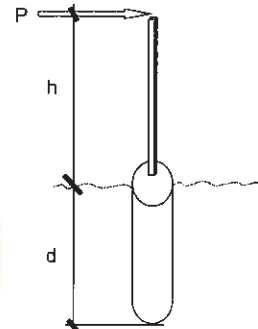
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Flagpole Footing Design Based on Chapter 18 of IBC & CBC

INPUT DATA & DESIGN SUMMARY

IS FOOTING RESTRAINED @ GRADE LEVEL ? (1=YES,0=NO)	0	no
LATERAL FORCE @ TOP OF POLE	P = 0.35	k
HEIGHT OF POLE ABOVE GRADE	h = 3	ft
DIAMETER OF POLE FOOTING	b = 1.5	ft
LATERAL SOIL BEARING CAPACITY	S = 0.1	ksf / ft
ISOLATED POLE FACTOR (2018 IBC 1806.3.4)	F = 2	
FIRST TRIAL DEPTH	====> d = 4	ft



Use 1.5 ft dia x 3.88 ft deep footing unrestrained @ ground level

ANALYSIS

LATERAL BEARING @ BOTTOM :  $S_3 = FS \text{ Min}(d, 12')$

LATERAL BEARING @ d/3 :  $S_1 = FS \text{ Min}\left(\frac{d}{3}, 12'\right)$

$$A = \frac{2.34P}{bS_1}$$

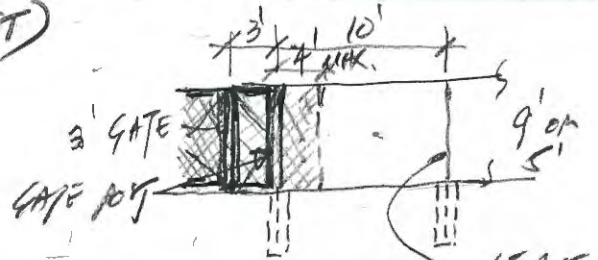
REQUIRE DEPTH :

$$d = \begin{cases} \frac{A}{2} \left[ 1 + \sqrt{1 + \frac{4.36h}{A}} \right] & \text{, FOR NONCONSTRAINED} \\ \sqrt{\frac{4.25Ph}{bS_1}} & \text{, FOR CONSTRAINED} \end{cases}$$

		NONCONSTRAINED		CONSTRAINED	
LATERAL FORCE @ TOP OF POLE	P =>	0.35	k	0.35	k
HEIGHT OF POLE ABOVE GRADE	h =>	3.0	ft	3.0	ft
DIAMETER OF POLE FOOTING	b =>	1.50	ft	1.50	ft
LATERAL SOIL BEARING CAPACITY	FS =>	0.20	ksf / ft	0.20	ksf / ft
1ST TRIAL	TRY d <sub>1</sub> =>	4.00	ft	4.00	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.27	ksf	0.27	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.80	ksf	0.80	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.05	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.81	ft	1.93	ft
2ND TRIAL :	TRY d <sub>2</sub> =>	3.90	ft	2.96	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.26	ksf	0.20	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.78	ksf	0.59	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.10	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.87	ft	2.24	ft
3RD TRIAL :	TRY d <sub>3</sub> =>	3.89	ft	2.60	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.26	ksf	0.17	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.78	ksf	0.52	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.11	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.88	ft	2.39	ft
4TH TRIAL :	TRY d <sub>4</sub> =>	3.88	ft	2.50	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.26	ksf	0.17	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.78	ksf	0.50	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.11	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.88	ft	2.44	ft
5TH TRIAL :	TRY d <sub>5</sub> =>	3.88	ft	2.47	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.26	ksf	0.16	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	0.78	ksf	0.49	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	2.11	-	-	-
REQD FOOTING DEPTH	RQRD d =>	3.88	ft	2.45	ft

TYPICAL FENCE POST FOOTING - (GATE POST)

FENCE HT = 9' 5"  
 POST SPACING = 10' MAX.



1" MESH @ 4" O.C.  
 WIND LOAD = ASD = 30#/ft ← FULL WIND LOAD (WHEN MESHED)  
 5#/ft ← @ NON-MESHED FACE

FORCE TO POST @ MID-HT  
 @ 9' HIGH FENCE =  $5 \text{ psf} \times 9 \times 6 \times \frac{3}{10} + 30 \text{ psf} \times 9 \times 3$   
 $+ 30 \text{ psf} \times 9 \times 4 \times \frac{6}{10} = 1755 \text{#}$   
 @ 5' HIGH FENCE =  $5 \text{ psf} \times 5 \times 6 \times \frac{3}{10} + 30 \text{ psf} \times 5 \times 3$   
 $+ 30 \text{ psf} \times 5 \times 4 \times \frac{6}{10} = 975 \text{#}$

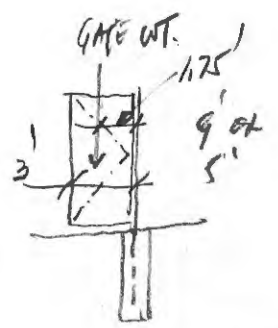
b = 1.5', H = 5' @ 9' FENCE  
 3' @ 5' FENCE

— SEE ATTACHED POLE FTG DESIGN —

USE 24" φ x 7' 6" embed @ 9' fence pole footing  
 x 5' 6" embed @ 5' fence pole footing  
 (U) 6-#6 VERT, #4 TIES @ 8" O.C.

CHECK FTG @ GATE WHEN OPEN:

GATE WT = 200# @ 9' HIGH GATE  
 = 120# @ 5' HIGH GATE  
 M @ 9' = 200# x 1.75' = 350# ← EDWIN. P @ 5' = 70#  
 5' = 120# x 1.75' = 210# ← @ 3' = 70#



EDWIN. PH @ 5' FROM 9' HIGH GATE WT. = 70# < WIND ⊥ GATE = 810#  
 " 3' " 5' " " " = 70# < WIND ⊥ GATE = 450#  
 ∴ GATE WT. + WIND EN ADJ. FENCE DOES NOT GOVERN POST FTG DESIGN. (OK) SEE ATTY.



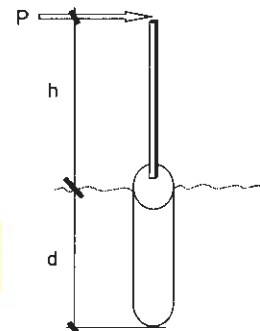
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Flagpole Footing Design Based on Chapter 18 of IBC & CBC

INPUT DATA & DESIGN SUMMARY

IS FOOTING RESTRAINED @ GRADE LEVEL ? (1=YES,0=NO)	0	no
LATERAL FORCE @ TOP OF POLE	P = 1.755	k
HEIGHT OF POLE ABOVE GRADE	h = 5	ft
DIAMETER OF POLE FOOTING	b = 2	ft
LATERAL SOIL BEARING CAPACITY	S = 0.1	ksf / ft
ISOLATED POLE FACTOR (2018 IBC 1806.3.4)	F = 2	
FIRST TRIAL DEPTH	====> d = 7	ft



**Use 2 ft dia x 7.33 ft deep footing unrestrained @ ground level**

ANALYSIS

LATERAL BEARING @ BOTTOM :  $S_1 = FS \text{ Min}(d, 12')$

LATERAL BEARING @ d/3 :  $S_3 = FS \text{ Min}\left(\frac{d}{3}, 12'\right)$

$$A = \frac{2.34P}{bS_1}$$

REQUIRE DEPTH :

$$d = \begin{cases} \frac{A}{2} \left[ 1 + \sqrt{1 + \frac{4.36h}{A}} \right] & \text{, FOR NONCONSTRAINED} \\ \sqrt{\frac{4.25Ph}{bS_1}} & \text{, FOR CONSTRAINED} \end{cases}$$

		NONCONSTRAINED		CONSTRAINED	
LATERAL FORCE @ TOP OF POLE	P =>	1.76	k	1.76	k
HEIGHT OF POLE ABOVE GRADE	h =>	5.0	ft	5.0	ft
DIAMETER OF POLE FOOTING	b =>	2.00	ft	2.00	ft
LATERAL SOIL BEARING CAPACITY	FS =>	0.20	ksf / ft	0.20	ksf / ft
1ST TRIAL	TRY d <sub>1</sub> =>	7.00	ft	7.00	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.47	ksf	0.47	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.40	ksf	1.40	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	4.40	-	-	-
REQD FOOTING DEPTH	RQRD d =>	7.57	ft	3.65	ft
2ND TRIAL :	TRY d <sub>2</sub> =>	7.28	ft	5.32	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.49	ksf	0.35	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.46	ksf	1.06	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	4.23	-	-	-
REQD FOOTING DEPTH	RQRD d =>	7.36	ft	4.18	ft
3RD TRIAL :	TRY d <sub>3</sub> =>	7.32	ft	4.75	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.49	ksf	0.32	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.46	ksf	0.95	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	4.21	-	-	-
REQD FOOTING DEPTH	RQRD d =>	7.33	ft	4.43	ft
4TH TRIAL :	TRY d <sub>4</sub> =>	7.33	ft	4.59	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.49	ksf	0.31	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.47	ksf	0.92	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	4.20	-	-	-
REQD FOOTING DEPTH	RQRD d =>	7.33	ft	4.51	ft
5TH TRIAL :	TRY d <sub>5</sub> =>	7.33	ft	4.55	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.49	ksf	0.30	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.47	ksf	0.91	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	4.20	-	-	-
REQD FOOTING DEPTH	RQRD d =>	7.33	ft	4.53	ft

5' GATE POST (W/ MESH)

4.2

**LW**

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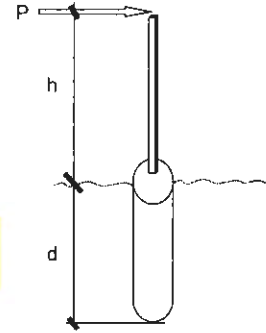
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REVIEW BY :

**Flagpole Footing Design Based on Chapter 18 of IBC & CBC**

**INPUT DATA & DESIGN SUMMARY**

IS FOOTING RESTRAINED @ GRADE LEVEL ? (1=YES,0=NO)	0	no
LATERAL FORCE @ TOP OF POLE	P = 0.975	k
HEIGHT OF POLE ABOVE GRADE	h = 3	ft
DIAMETER OF POLE FOOTING	b = 2	ft
LATERAL SOIL BEARING CAPACITY	S = 0.1	ksf / ft
ISOLATED POLE FACTOR (2018 IBC 1806.3.4)	F = 2	
FIRST TRIAL DEPTH	====> d = 5	ft



**Use 2 ft dia x 5.27 ft deep footing unrestrained @ ground level**

**ANALYSIS**

LATERAL BEARING @ BOTTOM :  $S_1 = FS \text{ Min}(d, 12')$   
 LATERAL BEARING @ d/3 :  $S_3 = FS \text{ Min}\left(\frac{d}{3}, 12'\right)$

$$A = \frac{2.34P}{bS_1}$$

REQUIRE DEPTH :

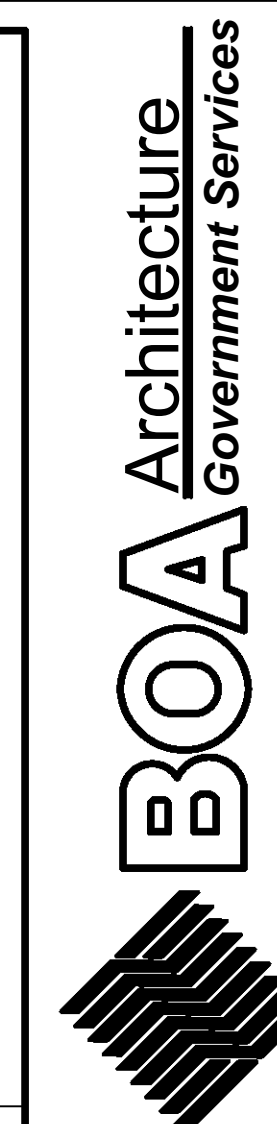
$$d = \begin{cases} \frac{A}{2} \left[ 1 + \sqrt{1 + \frac{4.36h}{A}} \right] & \text{, FOR NONCONSTRAINED} \\ \sqrt{\frac{4.25Ph}{bS_1}} & \text{, FOR CONSTRAINED} \end{cases}$$

		NONCONSTRAINED		CONSTRAINED	
LATERAL FORCE @ TOP OF POLE	P =>	0.98	k	0.98	k
HEIGHT OF POLE ABOVE GRADE	h =>	3.0	ft	3.0	ft
DIAMETER OF POLE FOOTING	b =>	2.00	ft	2.00	ft
LATERAL SOIL BEARING CAPACITY	FS =>	0.20	ksf / ft	0.20	ksf / ft
<b>1ST TRIAL</b>	TRY d <sub>1</sub> =>	5.00	ft	5.00	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.33	ksf	0.33	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.00	ksf	1.00	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	3.42	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.47	ft	2.49	ft
<b>2ND TRIAL :</b>	TRY d <sub>2</sub> =>	5.23	ft	3.75	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.35	ksf	0.25	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.05	ksf	0.75	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	3.27	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.29	ft	2.88	ft
<b>3RD TRIAL :</b>	TRY d <sub>3</sub> =>	5.26	ft	3.31	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.35	ksf	0.22	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.05	ksf	0.66	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	3.25	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.27	ft	3.06	ft
<b>4TH TRIAL :</b>	TRY d <sub>4</sub> =>	5.27	ft	3.19	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.35	ksf	0.21	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.05	ksf	0.64	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	3.25	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.27	ft	3.12	ft
<b>5TH TRIAL :</b>	TRY d <sub>5</sub> =>	5.27	ft	3.16	ft
LAT SOIL BEARING @ 1/3 d	S <sub>1</sub> =>	0.35	ksf	0.21	ksf
LAT SOIL BEARING @ 1.0 d	S <sub>3</sub> =>	1.05	ksf	0.63	ksf
CONSTANT 2.34P/(bS <sub>1</sub> )	A =>	3.25	-	-	-
REQD FOOTING DEPTH	RQRD d =>	5.27	ft	3.14	ft

# CSUF ASI STUDENT REC CENTER

## POOLSIDE IMPROVEMENTS

800 N STATE COLLEGE BLVD, FULLERTON, CA 92831



15111 Cota Ave., Long Beach, CA 90813 Tel. 562-912-7900

**CSUF ASI STUDENT REC CENTER**  
**POOLSIDE IMPROVEMENTS**  
 800 N. STATE COLLEGE BLVD., FULLERTON, CA 92831

&	AND	I.D.	INSIDE DIAMETER (DIMENSION)
@	ANGLE	INSUL	INSULATION
C	AT	INT	INTERIOR
φ	CENTERLINE	JAN	JANITOR
⊥	DIAMETER OR ROUND	JT	JOINT
#	PERPENDICULAR	KIT	KITCHEN
#	FOUND OR NUMBER	LAM	LAMINATE
ACC.	ACCESSIBLE	LAV	LAVATORY
A/C	AIR CONDITIONING	LT	LIGHT
ACOUS.	ACOUSTICAL	MAX	MAXIMUM
A.D.	AREA DRAIN	M.C.	MEDICINE CABINET
ADJ.	ADJUSTABLE	MECH	MECHANICAL
AL	ALUMINUM	MEMB	MEMBRANE
APPROX.	APPROXIMATE	MTL	METAL
ARCH.	ARCHITECTURAL	MFR	MANUFACTURER
ASPH.	ASPHALT	MIN	MINIMUM
A.T.	ACOUSTICAL TILE	MISC	MISCELLANEOUS
BD.	BOARD	M.O.	MASONRY OPENING
BITUM.	BITUMINOUS	MTD	MOUNTED
BLDG.	BUILDING	MRG	MOISTURE RESISTANT GYP. BD.
BLK	BLOCK	MUL	MULLION
BM	BEAM	MWO	MICROWAVE OVEN
BOT	BOTTOM	N	NORTH
CAB	CABINET	N.I.C.	NOT IN CONTRACT
C.B.	CATCH BASIN	NO.	NUMBER
CEM	CEMENT	NOM	NOMINAL
CER	CERAMIC	N.T.S.	NOT TO SCALE
C.I.	CAST IRON	OFF	OVER
CLG.	CEILING	OBS	OBSCURE
CLKG	CALKING	O.C.	ON CENTER
CLR.	CLEAR	O.D.	OUTSIDE DIAMETER (DIMENSION)
CMU	CONCRETE MASONRY UNIT	OFF	OFFICE
CCL	COLUMN	OPNG	OPENING
CONC.	CONCRETE	OPP	OPPOSITE
CONN.	CONNECTION	PRCST	PRECAST
CONST.	CONSTRUCTION	PL	PLATE
CONT.	CONTINUOUS	P. LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PLAS	PLASTER
CTR	CENTER	PLYWD	PLYWOOD
DBL	DOUBLE	PR	PAIR
DEPT.	DEPARTMENT	PT	POINT
D.F.	DRINKING FOUNTAIN	Q.T.	QUARRY TILE
DIA.	DIAMETER	R	RISER
DET	DETAIL	RAD	RADIUS
DIM	DIMENSION	R.D.	ROOF DRAIN
DISP	DISPENSER	REF	REFERENCE
DN	DOWN	REFR	REFRIGERATOR
DR	DOOR	REINF	REINFORCED
DS	DOWNSPOUT	REQ	REQUIRED
DWG	DRAWING	RESIL	RESILIENT
E	EAST	RM	ROOM
EA.	ELEVATION	R.O.	ROUGH OPENING
EL	ELECTRICAL	RWD	REDWOOD
ELEC	ELECTRICAL	S	SOUTH
ELEV	ELEVATOR	SC	SOLID CORE
EMER	EMERGENCY	SCHED	SCHEDULE
ENCL	ENCLOSURE	SECT	SECTION
EQ	EQUAL	SH	SHELF
EQPT	EQUIPMENT	SHR	SHOWER
(E) OR EXIST	EXISTING	SHT	SHEET
EXPO	EXPOSED	SIM	SIMILAR
EXP	EXPANSION	SPEC	SPECIFICATION
E.J.	EXPANSION JOINT	SO	SQUARE
EXT	EXTERIOR	S.STL	STAINLESS STEEL
F.A.	FIRE ALARM	S.SK	SERVICE SINK
F.D.	FLOOR DRAIN	STA	STATION
FND	FOUNDATION	STD	STANDARD
F.E.	FIRE EXTINGUISHER	STL	STEEL
F.E.C.	FIRE EXTINGUISHER CABINET	STOR	STORAGE
FIN	FINISH	STRUC	STRUCTURAL
FL	FLOOR	SUSP	SUSPENDED
FLASH	FLASHING	SYM	SYMMETRICAL
FLUOR	FLUORESCENT	TRD	TREAD
F.O.C.	FACE OF CONCRETE	T.B	TOWEL BAR
F.O.F.	FACE OF FINISH	T.C.	TOP OF CURB
F.O.S.	FACE OF STUD	TEL	TELEPHONE
FPRF	FIREPROOF	T&G	TONGUE AND GROOVE
FT	FOOT OR FEET	THK	THICK
FTG	FOOTING	T.P.	TOP OF PAVEMENT
FURR	FURRING	TV	TELEVISION
GA	GAUGE	T.W.	TOP OF WALL
GALV	GALVANIZED	TYP.	TYPICAL
G.D.	GARBAGE DISPOSAL	UNF	UNFINISHED
G.I.	GALVANIZED IRON	U.N.O.	UNLESS OTHERWISE NOTED
GL	GLASS	UR	URINAL
GND	GROUND	VERT	VERTICAL
GR	GRADE	VEST	VESTIBULE
GYP	GYPSUM	W	WEST
H.B.	HOSE BIB	WI	WITH
H.C.	HOLLOW CORE	W.C.	WATER CLOSET
HDWD	HARDWOOD	WD	WOOD
HDWE	HARDWARE	W/O	WITHOUT
HM	HOLLOW METAL	WP	WATERPROOF
HORIZ	HORIZONTAL	WSCT	WAINSCOT
HUR	HOUR	WT	WEIGHT
HT	HEIGHT	W.I.	WROUGHT IRON

### ABBREVIATIONS

7

### GENERAL NOTES

6

### PROJECT LOCATION

5

### APPLICABLE CODES

3

LOT:	-
LOT SIZE:	-
TRACT:	-
APN/BOOK PAGE No.:	-
TYPE OF CONSTRUCTION:	I-A
YEAR BUILT:	2008
OCCUPANCY GROUP:	A2.1
NUMBER OF STORIES:	2
OVERALL BUILDING HT.:	52'-9"
SPRINKLERED:	YES, AUTOMATIC SPRINKLER
<b>BUILDING AREA (NOT IN SCOPE):</b>	
EXISTING GROUND FLOOR:	55,950 S.F.
EXISTING SECOND FLOOR:	33,499 S.F.
TOTAL EXISTING AREA:	89,499 S.F.
PROPOSED AREA OF FLATWORK DEMOLITION:	4106 S.F.
NEW ARTIFICIAL TURF:	2446 S.F.
NEW CONCRETE FLATWORK:	1660 S.F.
PROPOSED LANDSCAPE RENOVATION:	4106 S.F.

### SHEET INDEX

T1.0	TITLE SHEET
A1.0	DEMOLITION PLAN
A2.0	RENOVATION PLAN
A2.1	LAYOUT PLAN
A3.0	DETAILS
A4.0	REFERENCE IMAGES

**OWNER**  
 CSUF ASI  
 800 N STATE COLLEGE BLVD.  
 FULLERTON, CA 92831  
 CONTACT: AARON TAPPER  
 E: ATAPPER@FULLERTON.EDU  
 T: (657) 278-3648

**STRUCTURAL ENGINEER**  
 LIN-WU ENGINEERING  
 911 SOUTH PRIMROSE AVE. SUITE H.  
 MONROVIA, CA 91016  
 CONTACT: JACKSON WU  
 E: JACKSONWU@LIN-WU-ENGINEERING.COM  
 T: (626) 256-66-88

**ARCHITECT**  
 BOA ARCHITECTURE  
 15111 COTA AVENUE  
 LONG BEACH, CA 90813  
 CONTACT: KYLE NG  
 E: KYLE.NG@BOAARCHITECTURE.COM  
 T: 562-912-7900

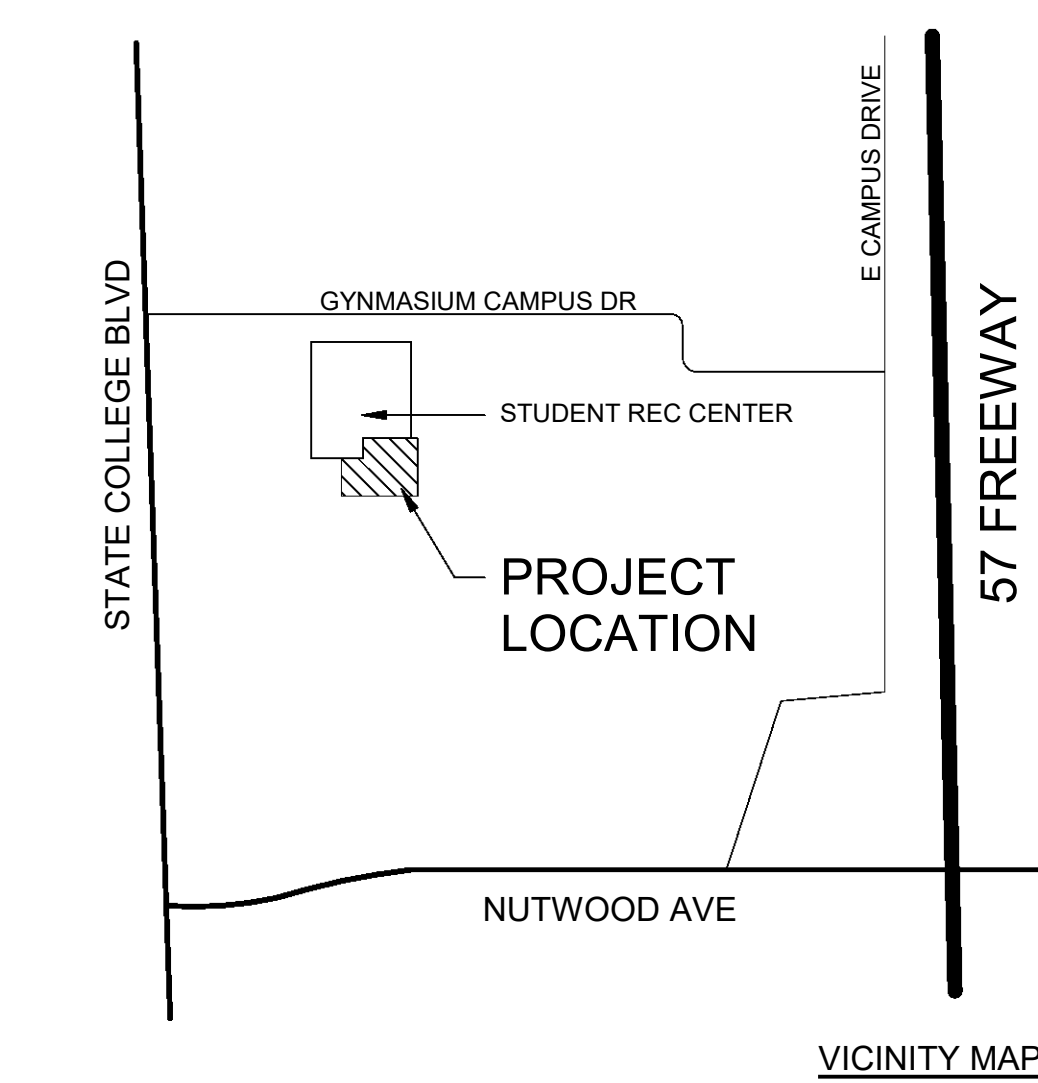
### BUILDING DATA

4

### PROJECT DIRECTORY

1

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY CSUF ASI PRIOR TO POURING (GIVE A MINIMUM OF 48 HOURS NOTICE).
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
3. CONTRACTOR SHALL NOTE AND INSTALL SLEEVE LOCATIONS SHOWN ON IRRIGATION PLANS IN EXCESS OF EXISTING SLEEVES PER CSUF ASI APPROVAL WHERE APPLIES.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
5. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND CSUF ASI.
6. CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
7. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.
8. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORKSITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
9. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.



1. NEW CONCRETE FLATWORK AT EXISTING CONCRETE PAVING.
2. NEW ARTIFICIAL ATHLETIC TURF.
3. NEW FENCE AND GATE.
4. NO ALTERATION TO BUILDING SQUAREFOOTAGE OR ENVELOPE. THIS PROJECT IS STRICTLY EXTERIOR WORK.

### SCOPE OF WORK

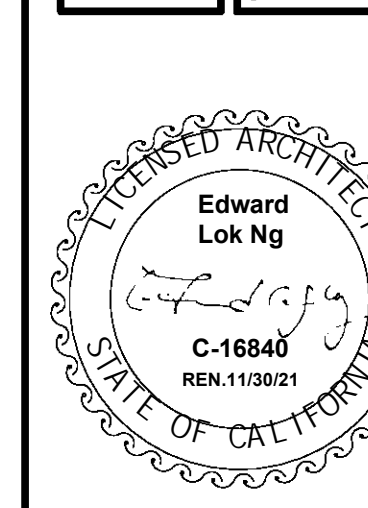
2

2019 CALIFORNIA BUILDING CODE  
 2019 CALIFORNIA BUILDING CODE - CHAPTER 11B ADA COMPLIANCE  
 2019 CALIFORNIA GREEN BUILDING STANDARD CODE

No	Date	Rev	By	Ck

Designer:	KN	CAD Draft:	LN
Architect:	LOK	Engineer:	CSUF ASI
Date Issued:	8-28-20	Job Number:	2897

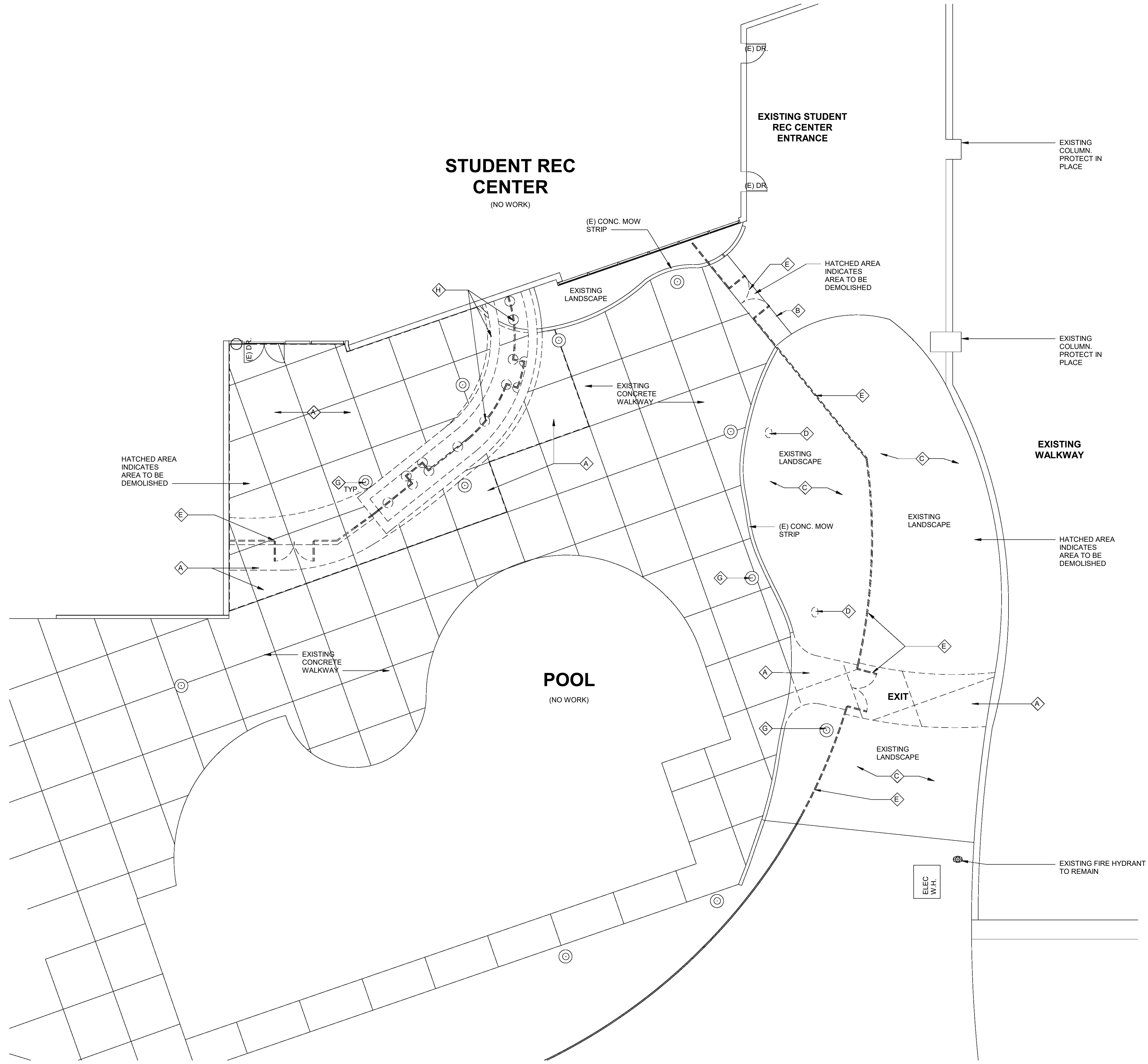
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Consultant:	



TITLE SHEET

**T1.0**

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**1 DEMOLITION PLAN**  
 SCALE: 1/8" = 1'-0"  
 N

**DEMOLITION KEYNOTES**

- A SAW CUT EXISTING CONCRETE. REMOVE AND PREPARE FOR NEW WORK.
- B SAW CUT EXISTING STONE WALKWAY. REMOVE AND PREPARE FOR NEW WORK.
- C REMOVE EXISTING LANDSCAPING AND PLANTINGS EXISTING IRRIGATION LINES TO BE ABANDONED AND CAPPED. PREPARE FOR NEW WORK.
- D EXISTING LANDSCAPE SPEAKER TO BE RELOCATED.
- E EXISTING GATE AND FENCE TO BE REMOVED AND RELOCATED. SALVAGE AND RE-USE EXISTING GATE, HARDWARE AND LOCK SET. SALVAGE ACCOMPANYING SIGNAGE. RE-ROUTE ELECTRICAL CONDUITS AND JBOXES TO NEW LOCATION(S).
- G EXISTING LIGHT POST TO REMAIN. PROTECT IN PLACE.
- H REMOVE RAISED PLANTER. PREPARE FOR NEW WORK.

**DEMOLITION NOTES**

1. PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE DEMOLITION WORK AS INDICATED ON DRAWINGS AND SPECIFICATIONS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION
2. PATCH AND REPAIR ALL FLOOR & WALL FINISHES AND SUBSTRATES DAMAGED BY RETROFIT WORK TO MATCH CONDITION OF ADJACENT UNDISTURBED SURFACES.
3. REMOVE FROM THE SITE ALL MATERIAL RESULTING FROM THE DEMOLITION WORK IN SUCH A MANNER AS TO AVOID CREATING NUISANCE. DISPOSE OF ALL MATERIALS FROM THE SITE ON A DAILY BASIS AT NO ADDITIONAL COST TO THE OWNER.
4. DISPOSE OF ALL MATERIAL RESULTING FROM THE DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, INCLUDING THOSE GOVERNING NOISE, DUST AND DIRT CONTROL; DISPOSAL OF HAZARDOUS MATERIALS; & REQUIREMENTS OF LOCAL AIR QUALITY MANAGEMENT DISTRICT.



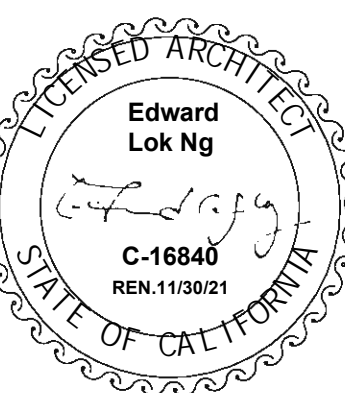
15111 Coto Ave. Long Beach, CA 90813 Tel. 562-912-7900

**CSUF ASI STUDENT REC CENTER  
 POOLSIDE IMPROVEMENTS**  
 800 N. STATE COLLEGE BLVD. FULLERTON, CA 92831

No	Date	Rev	By	Ck

Designer:	KN
CAD Draft:	LN
Architect:	LOK
Engineer:	CSUF ASI
Date Issued:	8-26-20
Job Number:	2887

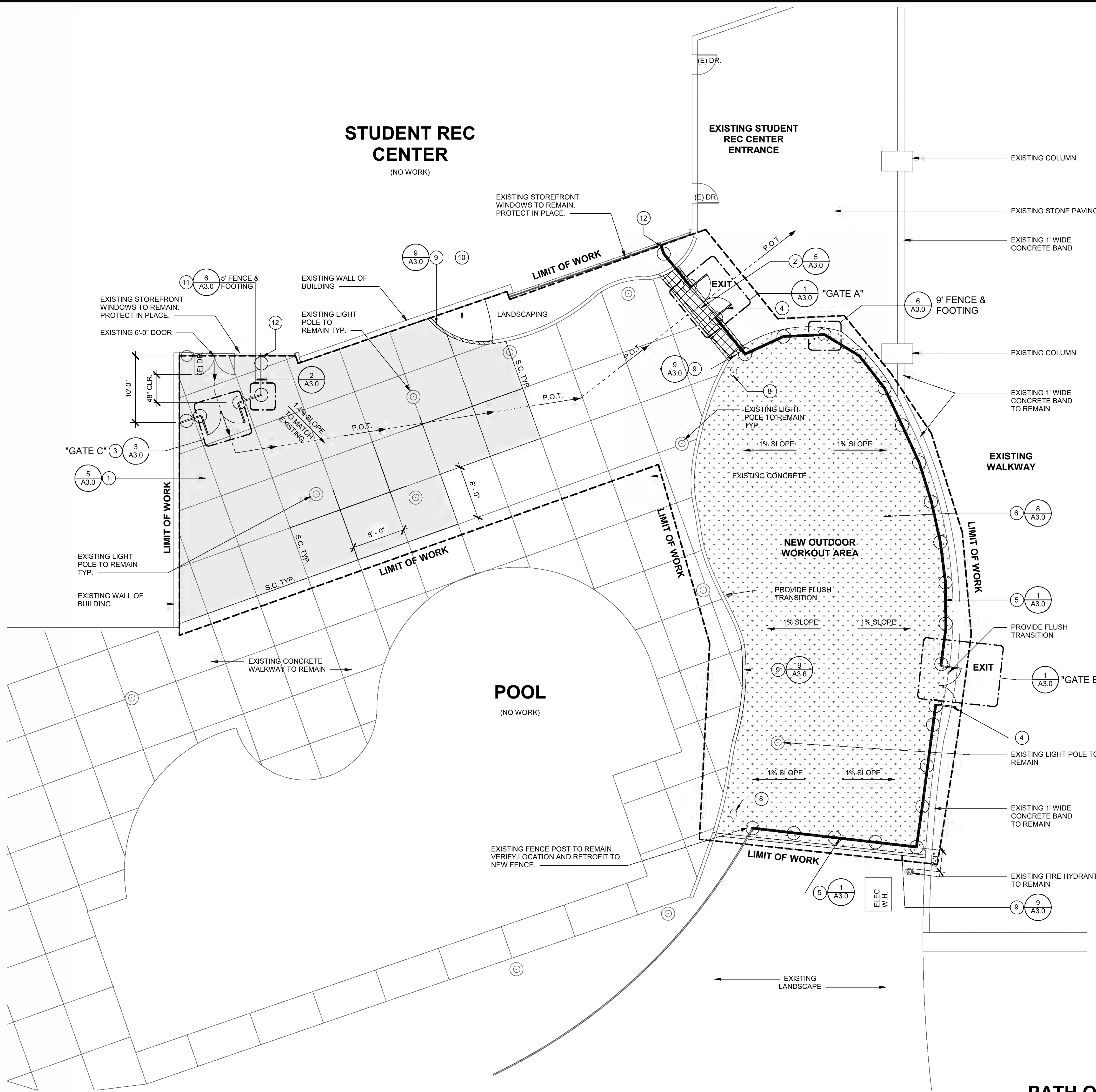
Client:  
 Consultant:



DEMOLITION PLAN

**A1.0**

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**1 RENOVATION PLAN**  
SCALE: 1/8" = 1'-0"



**RENOVATION KEYNOTES**

- 1 NEW CONCRETE WALKWAY. LIGHT BROOM FINISH IN SAME DIRECTION AS ADJACENT EXISTING CONCRETE WALKWAY. SAWCUT AT 8'-0" EACH DIRECTION TO MATCH EXISTING.
- 2 NEW CONCRETE WALKWAY. HEAVY ACID WASH TO MATCH EXISTING ADJACENT WALKWAY.
- 3 NEW LOCATION OF RETROFITTED EXISTING 5'-0" TALL WROUGHT IRON FENCE AND GATE. INSTALL SALVAGED HARDWARE, LOCK SET AND SIGNAGE. ELECTRICAL CONDUITS TO BE REINSTALLED AND INTERCEPTED TO EXISTING.
- 4 NEW LOCATION OF RETROFITTED EXISTING 9'-0" TALL WROUGHT IRON FENCE AND GATE. INSTALL SALVAGED HARDWARE, LOCK SET AND SIGNAGE. ELECTRICAL CONDUITS TO BE REINSTALLED AND INTERCEPTED TO EXISTING.
- 5 NEW 9'-0" TALL METAL FENCE AND FOOTINGS.
- 6 NEW BOONE ACTION TURF ARTIFICIAL TURF.
- 8 RELOCATED LANDSCAPE SPEAKER. RECONNECT TO EXISTING AUDIO SYSTEM.
- 9 NEW CONCRETE MOW STRIP/BAND TO MATCH EXISTING.
- 10 NEW LANDSCAPING AREA TO MATCH ADJACENT EXISTING.
- 11 NEW CONCRETE FOOTING FOR 5'-0" TALL WROUGHT IRON FENCE AND GATE.
- 12 ALIGN FENCE/GATE TO EXISTING WINDOW MULLION.

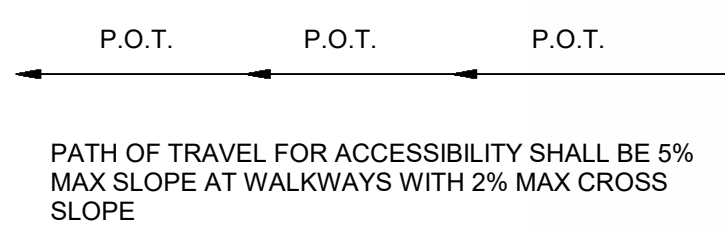
**FINISH LEGEND**

- NEW CONCRETE, BROOM FINISH. MATCH EXISTING
- NEW CONCRETE, HEAVY ACID WASH
- NEW BOONE ACTION TURF ARTIFICIAL TURF

**FINISH MATERIAL NOTES**

1. SPECIFICALLY INDICATED OTHERWISE, PRODUCTS SCHEDULED UNLESS SPECIFICALLY INDICATED OTHERWISE, PRODUCTS SCHEDULED INDICATE QUALITY STANDARD REQUIRED, BUT ARE NOT INTENDED TO LIMIT COMPETITION. LISTED COLORS AND FINISHES ESTABLISH COLOR AND FINISH REQUIRED. EXCEPT FOR PRODUCTS NOTED AS "OWNER'S STANDARD," APPROVED EQUAL PRODUCTS MAY BE SUBMITTED FOR OWNER REPRESENTATIVE'S REVIEW AND APPROVAL.
2. COLORS AND FINISHES SHALL MATCH SAMPLES AVAILABLE FOR VIEW. COLORS AND FINISHES SHALL MATCH SAMPLES AVAILABLE FOR VIEW BY CONTRACTOR AT OWNER REPRESENTATIVE'S PROJECT SITE OFFICE. ARCHITECT IS SOLE JUDGE OF COLOR AND FINISH MATCH.
3. WHERE "MATCH EXISTING" IS INDICATED, PROVIDE NEW MATERIAL AS WHERE "MATCH EXISTING" IS INDICATED. PROVIDE NEW MATERIAL AS NECESSARY TO PATCH OR EXTEND EXISTING MATERIAL. UNLESS AN EXCEPTION IS SPECIFICALLY NOTED, NEW MATERIAL SHALL MATCH EXISTING IN TYPE, MATERIAL, SIZE, THICKNESS, COLOR, AND PATTERN.
4. WHERE CONTRACT DOCUMENTS REQUIRE COLOR MATCH, BUT EXISTING WHERE CONTRACT DOCUMENTS REQUIRE COLOR MATCH, BUT EXISTING COLOR'S NAME IS UNKNOWN, MATCH COLORS AS NEARLY AS PRACTICABLE BY FIELD COMPARISON. ARCHITECT IS SOLE JUDGE OF COLOR MATCH ACCURACY. MISMATCHED COLORS WHERE MATCH IS REQUIRED WILL BE REJECTED.

**PATH OF TRAVEL**

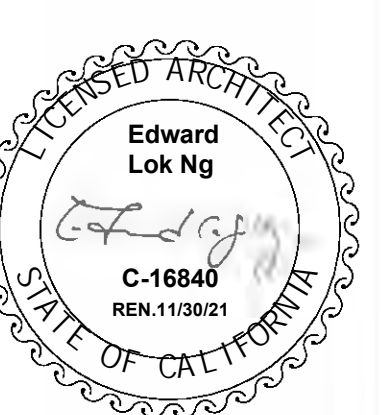


CSUF ASI STUDENT REC CENTER  
POOLSIDE IMPROVEMENTS  
800 N. STATE COLLEGE BLVD., FULLERTON, CA 92831

No.	Date	Rev.	By	Ck.

Designer:	KN
CAD Draft:	LN
Architect:	LOK
Engineer:	CSUF ASI
Date Issued:	8-28-20
Job Number:	2897

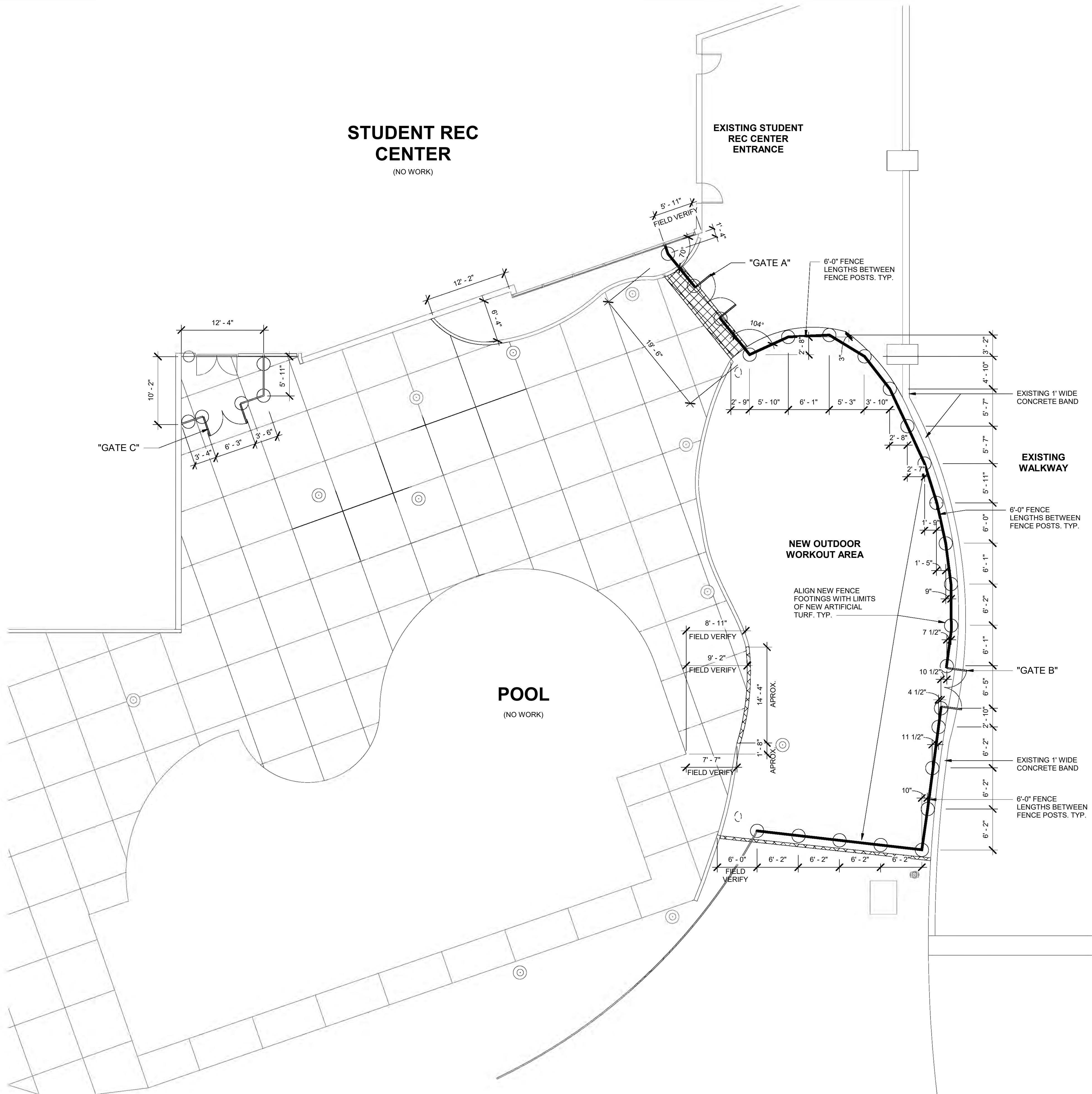
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Consultant: \_\_\_\_\_



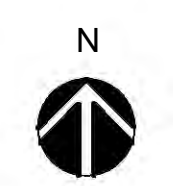
RENOVATION PLAN

**A2.0**

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**1 RENOVATION LAYOUT PLAN**  
SCALE: 1/8" = 1'-0"



**LAYOUT NOTES**

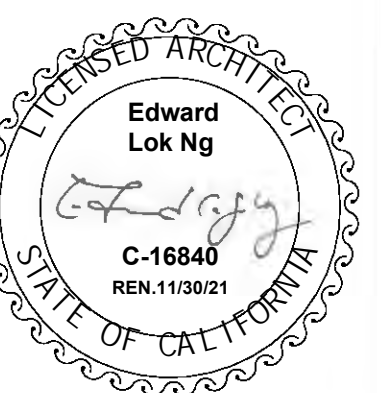
ALL DIMENSIONS SHOWN ARE APPROXIMATIONS AND SHALL BE FIELD VERIFIED AND LAID OUT BEFORE CONSTRUCTION. DISTANCES BETWEEN FENCE AND GATE POSTS SHALL BE DETERMINED BY ALLOWABLE FENCE LEAF SIZE. SEE MANUFACTURERS SPECIFICATIONS AND CUT SHEETS.

**CSUF ASI STUDENT REC CENTER**  
**POOLSIDE IMPROVEMENTS**  
800 N. STATE COLLEGE BLVD. FULLERTON, CA 92831

No	Date	Rev	By	Ck

Designer:	Designer:
CAD Draft:	Architect:
Engineer:	Checker:
Date Issued:	Client:
Job Number:	Consultant:

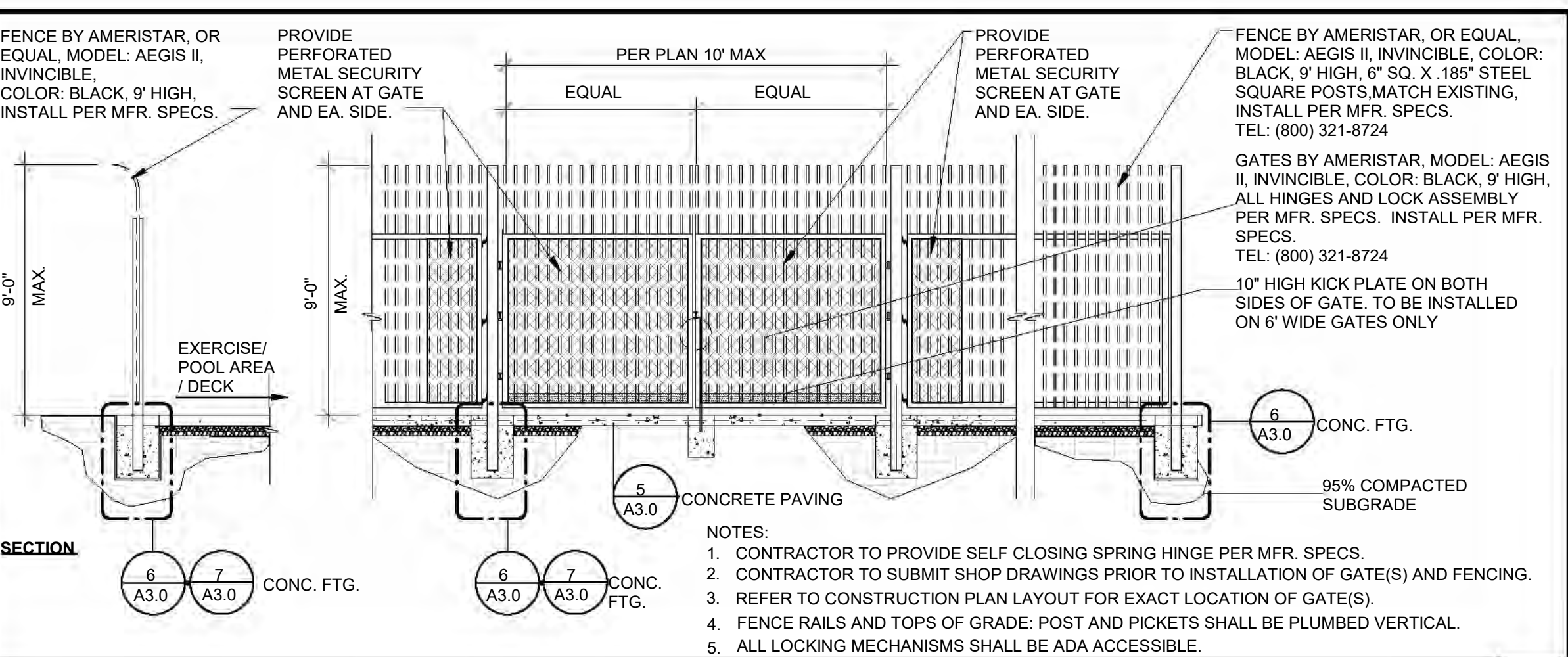
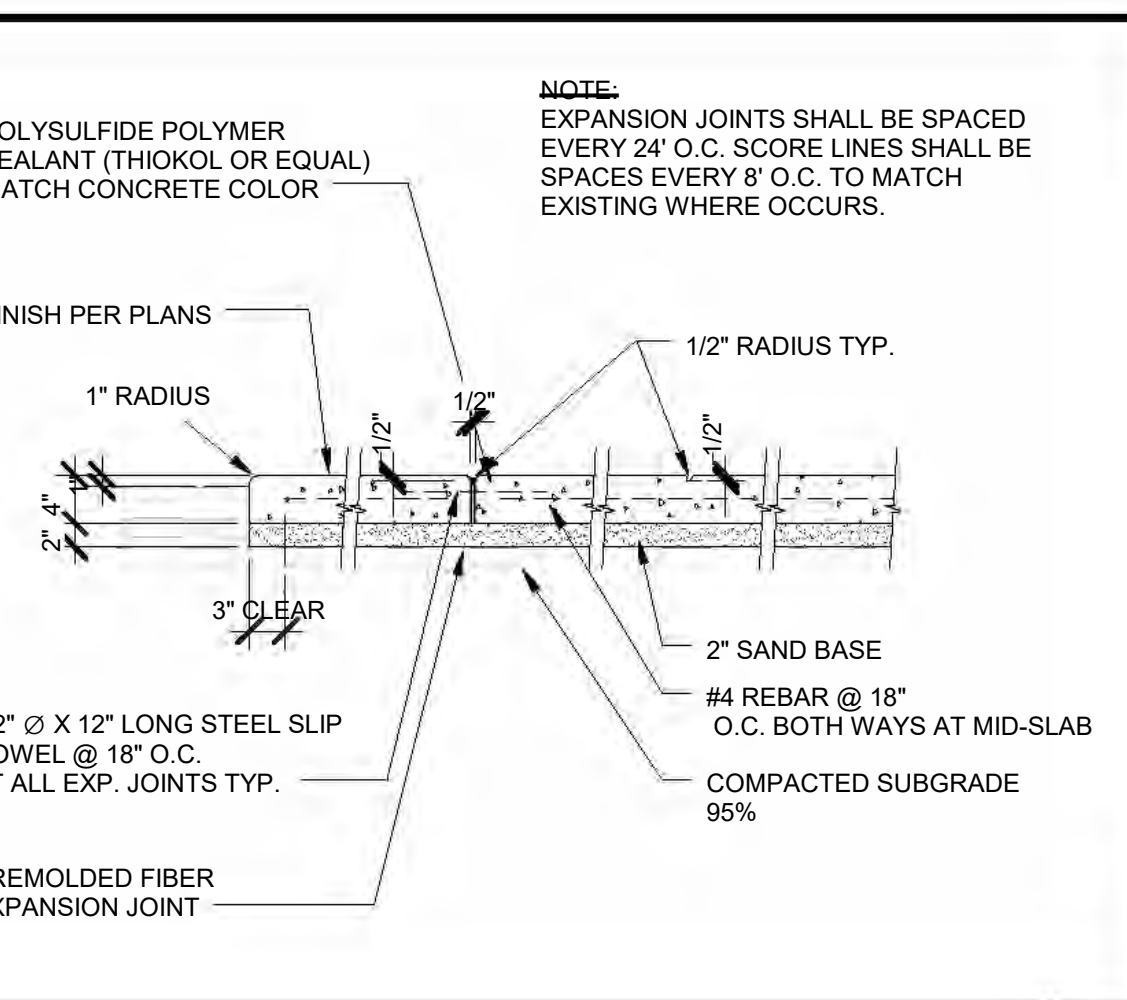
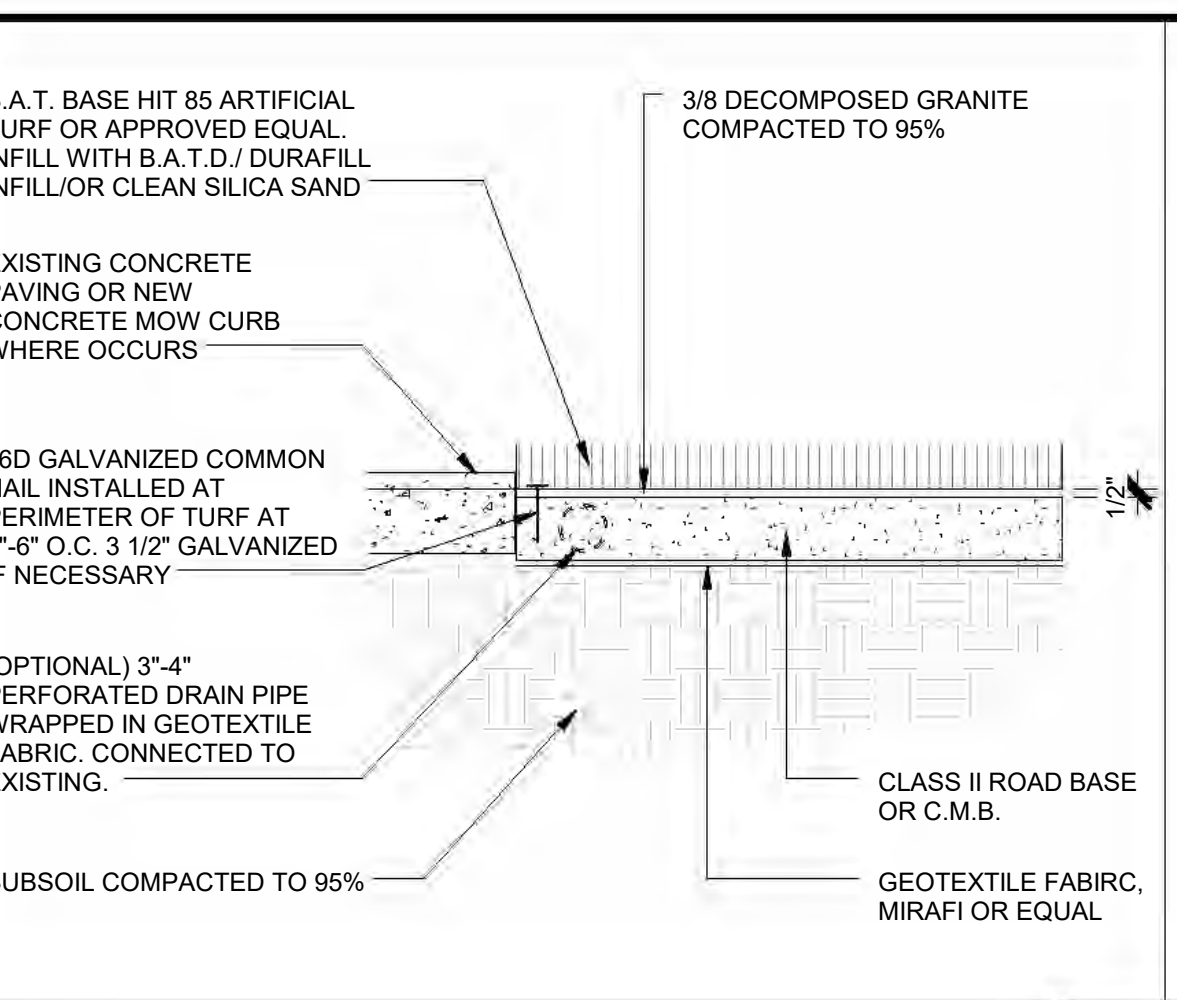
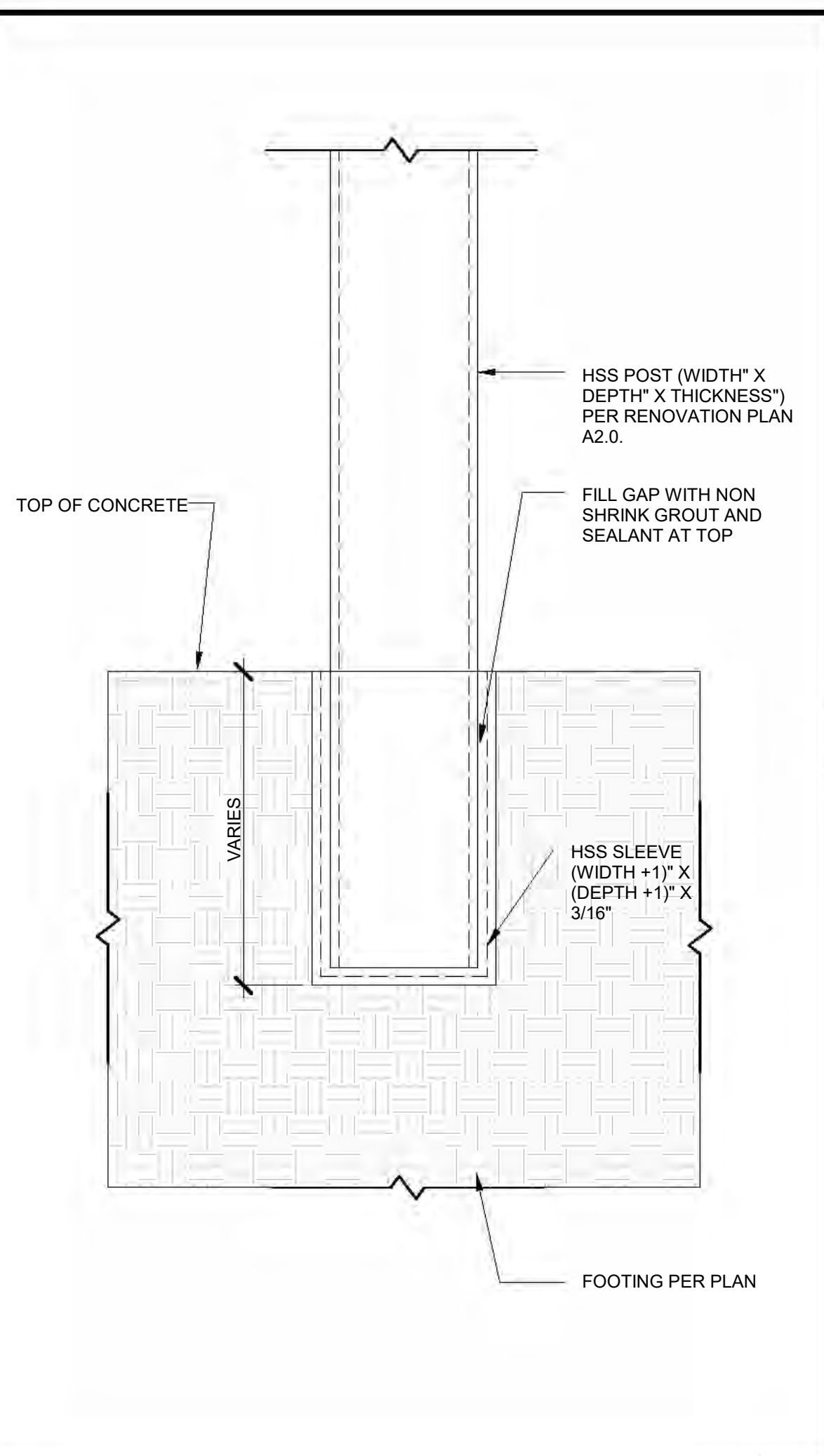
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Consultant:



LAYOUT PLAN

**A2.1**

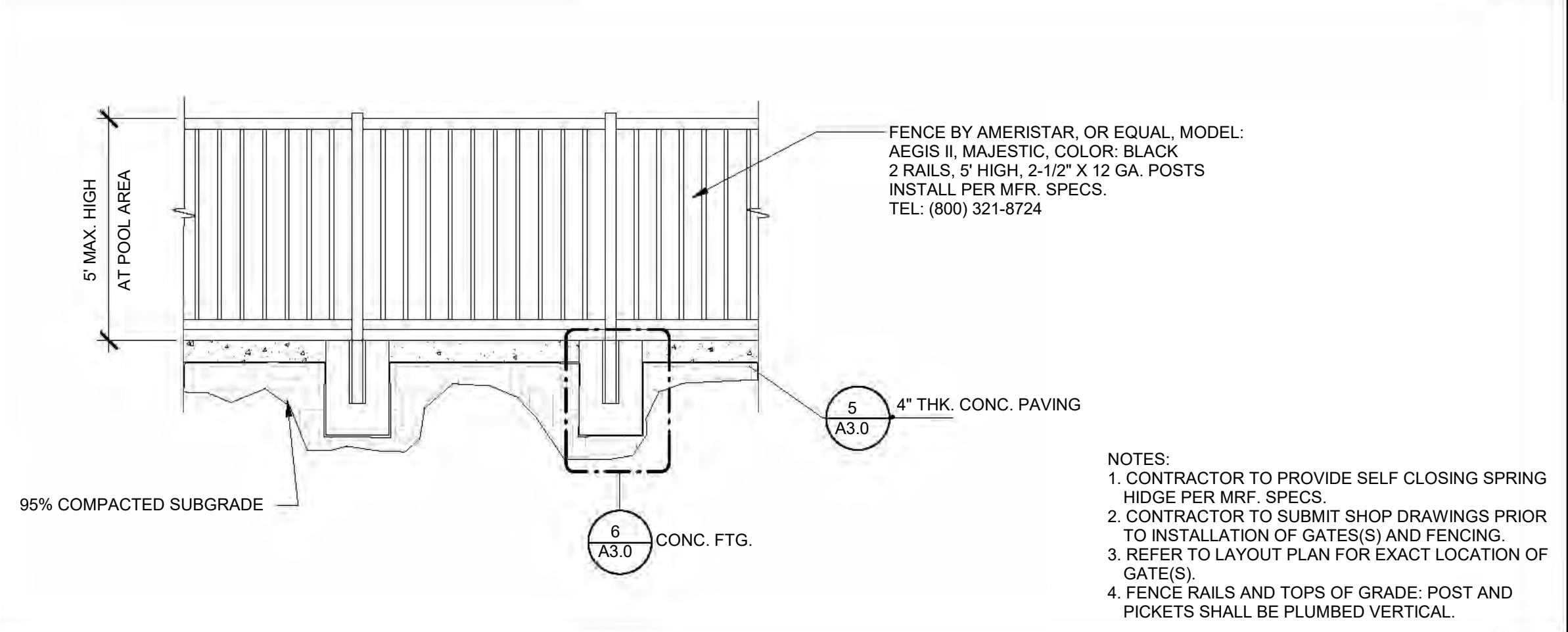
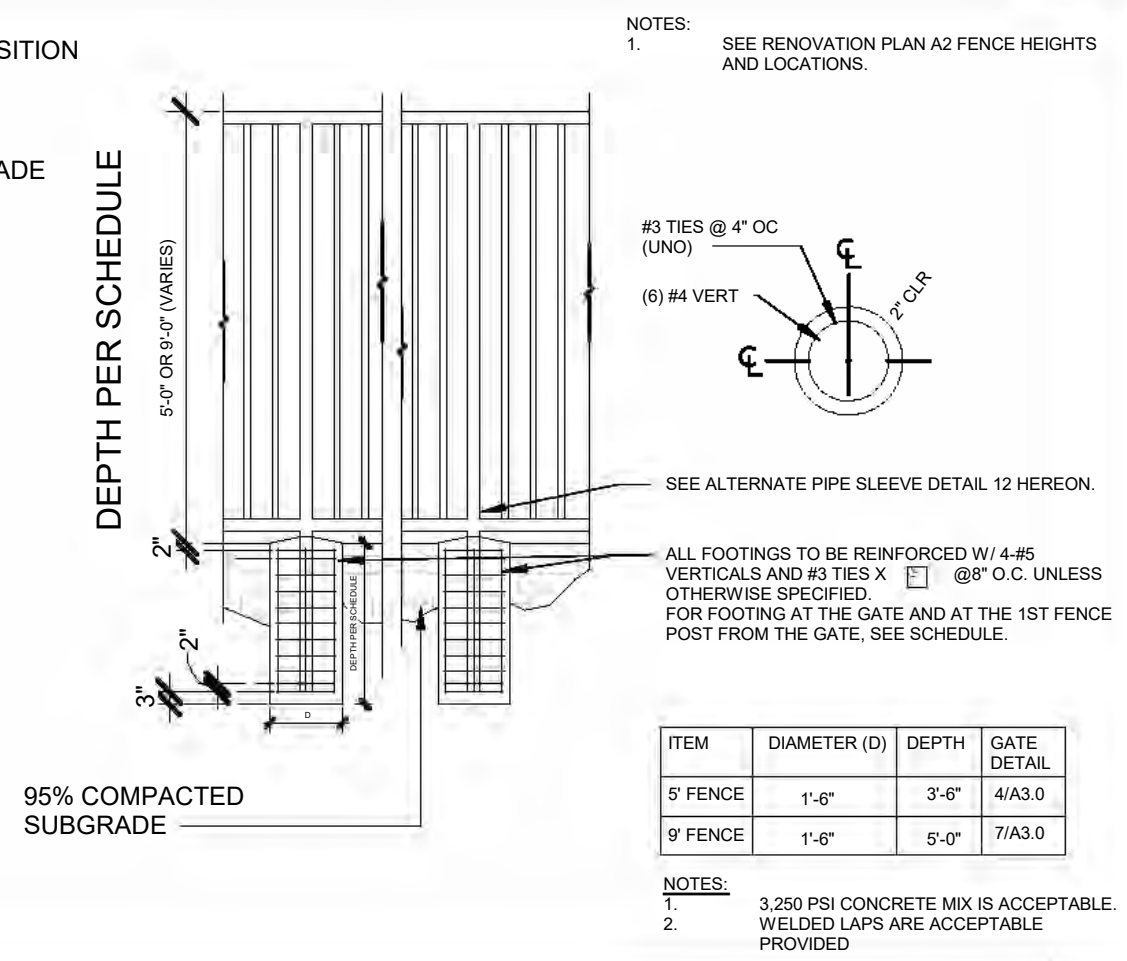
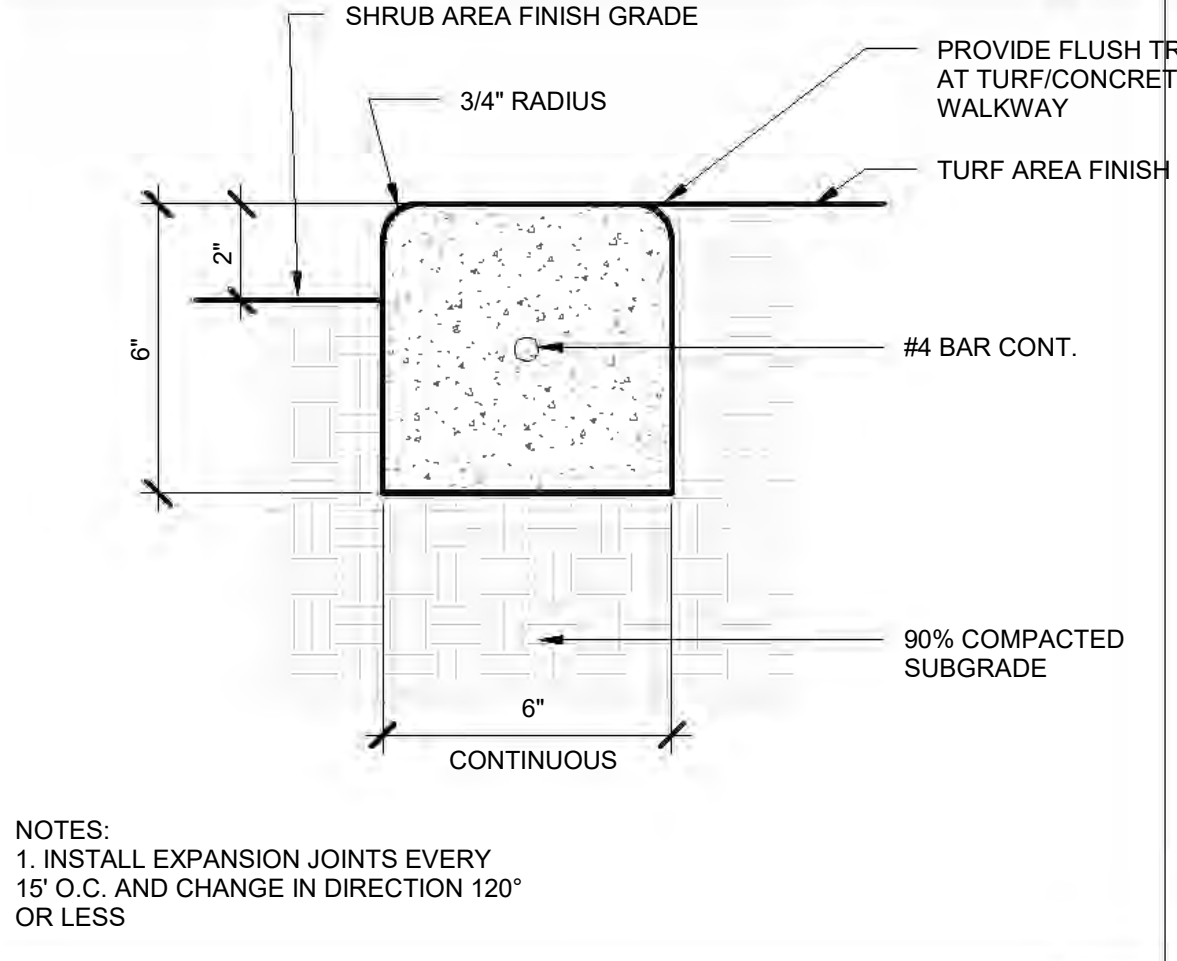




**ARTIFICIAL TURF**

**4 IN. CONCRETE PAVING**

**9' DOUBLE GATE AND FENCE**

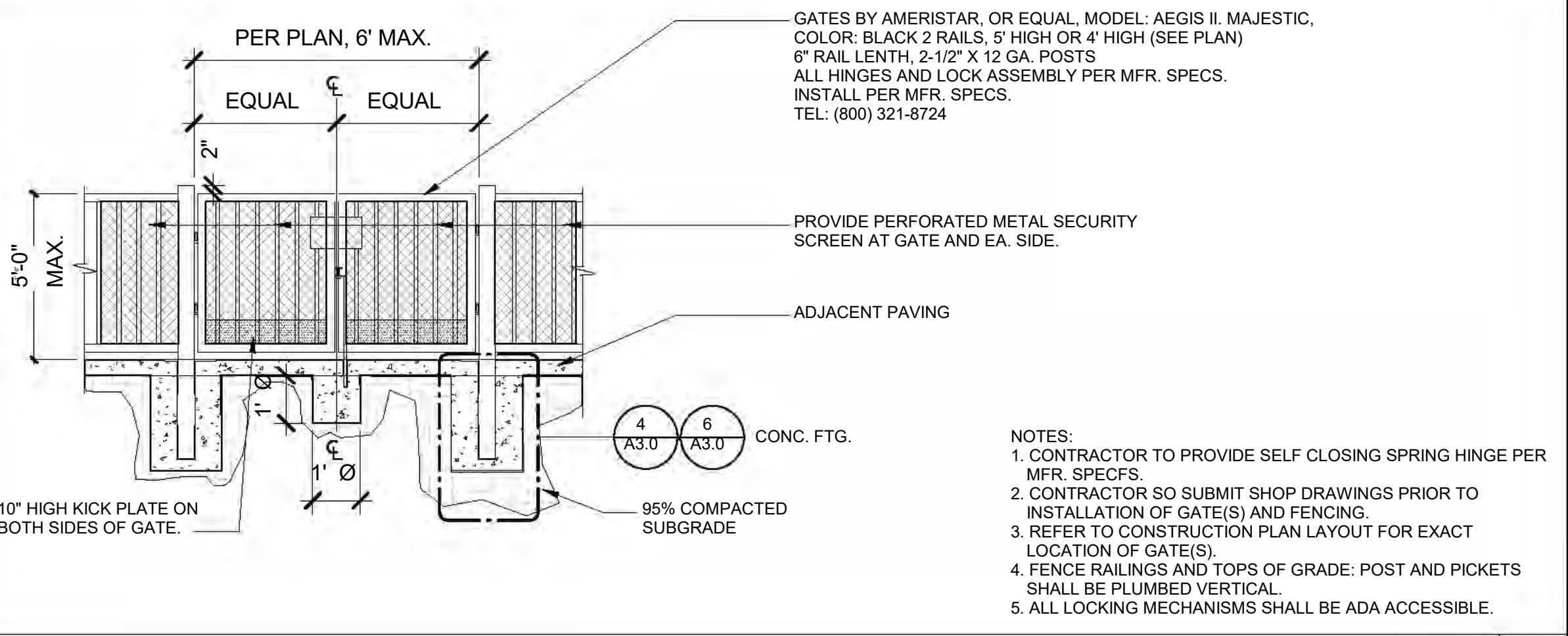
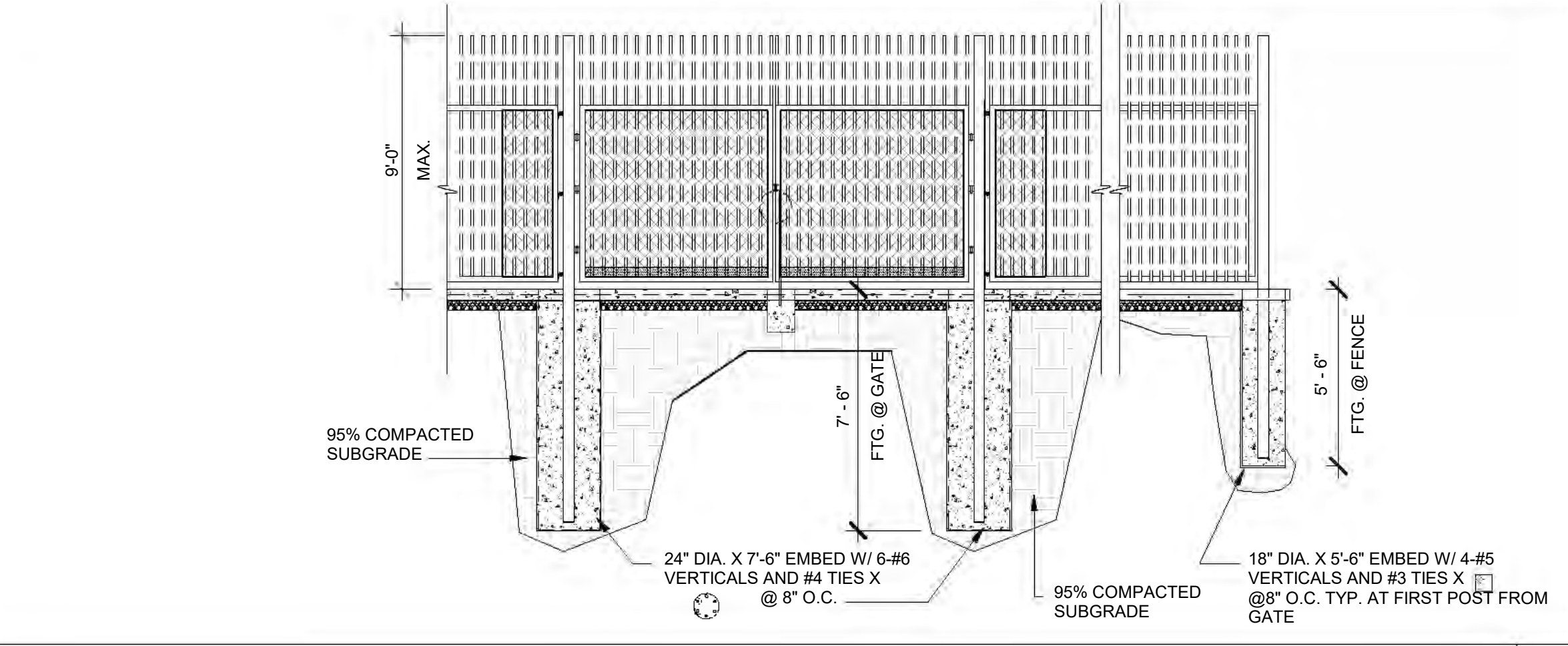


**6" CONCRETE MOW BAND**

**RAIL FENCE FOUNDATION**

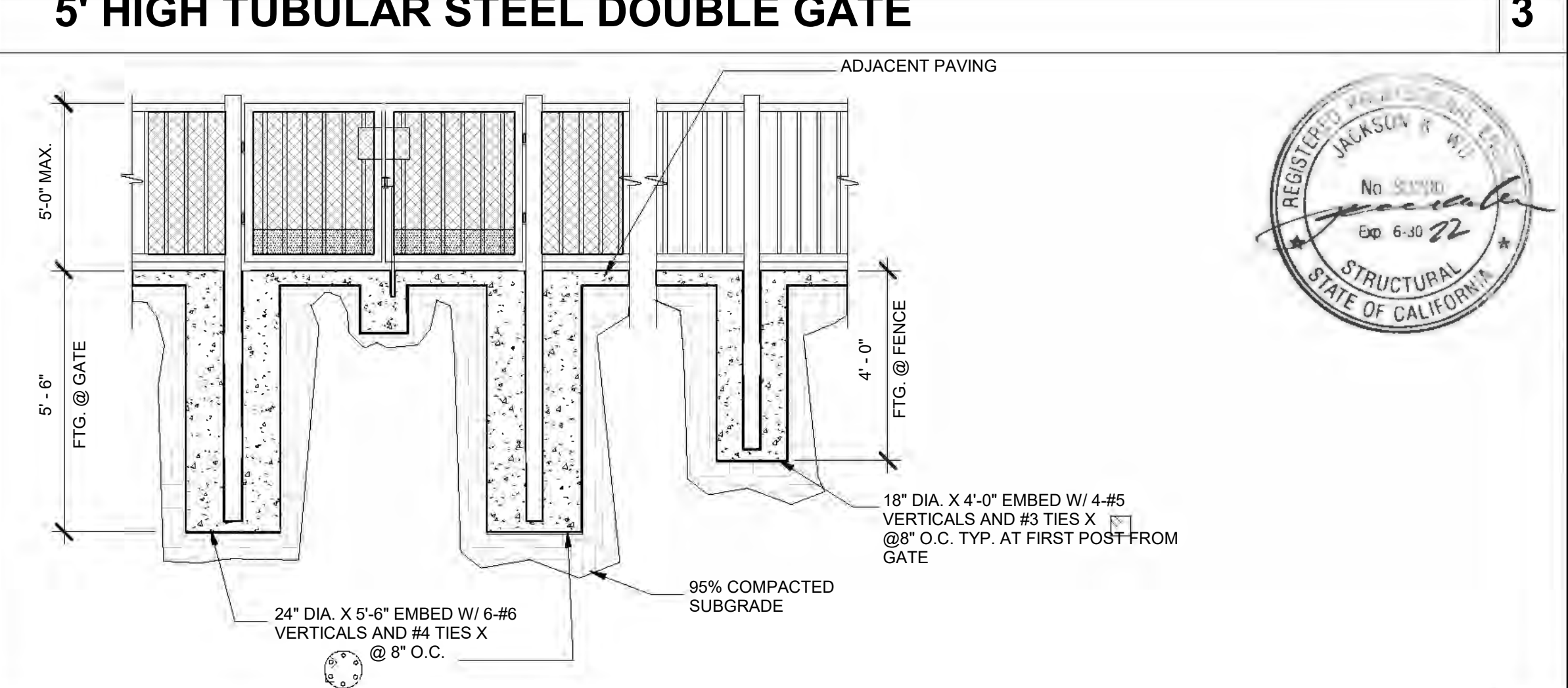
**5' HIGH TUBULAR STEEL FENCE**

**ALT. PIPE SLEEVE DETAIL**



**9' DOUBLE GATE FOOTINGS**

**5' HIGH TUBULAR STEEL DOUBLE GATE**

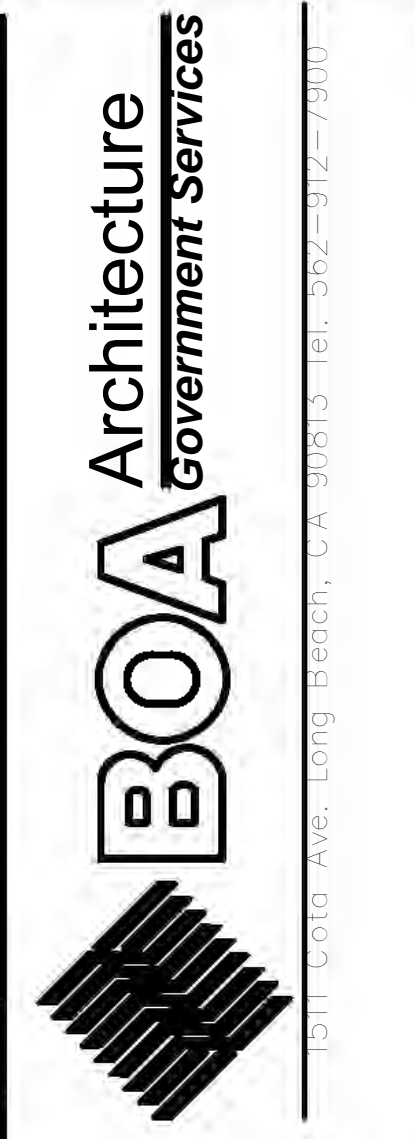


**5' HIGH FENCE AND GATE FOOTINGS**

**5' HIGH FENCE AND GATE FOOTINGS**

**5' HIGH FENCE AND GATE FOOTINGS**

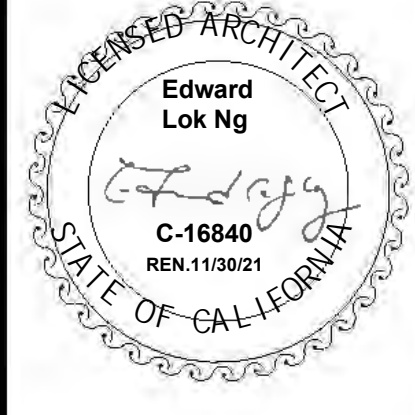
C:\Project Files\2017 CSUF ASI Rec Center Poolside Improvements\1-Drawing\101-Rev\CSUF ASI Rec Center Poolside Improvements CD's.vit



**CSUF ASI STUDENT REC CENTER  
POOLSIDE IMPROVEMENTS**  
800 N. STATE COLLEGE BLVD., FULLERTON, CA  
92831

No.	Date	Rev	By	CK

Designer:	AK
Checker:	LY
Architect:	AK
Engineer:	AK
Date Issued:	0-26-20
Job Number:	2697



DETAILS

**A3.0**

EXISTING 9'-0" GATE AND FENCE

PROVIDE PERFORATED METAL SECURITY SCREEN AT GATE AND EA. SIDE.

EXISTING SIGNAGE TO BE SALVAGED AND REINSTALLED AT NEW LOCATION. TYP.

EXISTING ELECTRICAL TO BE RELOCATED TO INSTALLED AT NEW LOCATION. TYP.



GATE A

EXISTING 9'-0" GATE AND FENCE

PROVIDE PERFORATED METAL SECURITY SCREEN AT GATE AND EA. SIDE.

EXISTING SIGNAGE TO BE SALVAGED AND REINSTALLED AT NEW LOCATION. TYP.



GATE B

EXISTING 5'-0" GATE AND FENCE

PROVIDE PERFORATED METAL SECURITY SCREEN AT GATE AND EA. SIDE.

EXISTING SIGNAGE TO BE SALVAGED AND REINSTALLED AT NEW LOCATION. TYP.



GATE C

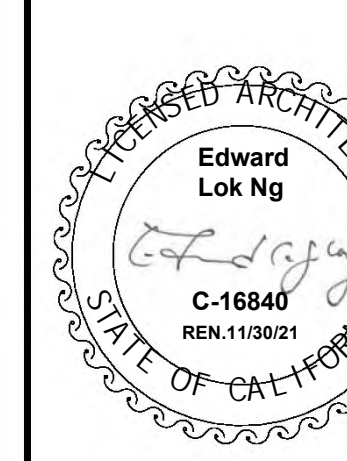
1 GATE PHOTOS  
SCALE: 12" = 1'-0"

No.	Date	Rev	By	Ck

Designer:	Arbuz
CAD Draft:	Arbuz
Architect:	Checker
Engineer:	CSJF ASI
Date Issued:	8-28-20
Job Number:	2897

client:

consultant:



REFERENCE IMAGES

A4.0

**SMALL PROJECT BUDGET & APPROVAL FORM**

Date: January 15, 2021

**PROJECT INFO:**

Project Name: SRC Poolside Improvements  
 WO/PR #: PR314  
 Project Manager/PES: Felipe Meza  
 Building: Student Rec Center  
 Project Type: Retrofit (Level 2)  
 Est Proj Duration: 90 days  
 Project Area: 0 Sq Ft Project Description:  
 Budget: \$ 377,438 #DIV/O! \$/SF:

**CLIENT INFO:**

Client Division: \_\_\_\_\_  
 Department: \_\_\_\_\_  
 Dept Coordinator / Dept POC: Aaron Tapper  
 End-User: Campus students and staff

*Scope of work and costs based on plan dated 9/21/20 by BOA Architects - Demo existing metal fencing including existing footings, excavate for new footings, install rebar, install concrete, install new fencing, prep, prime and paint all new fencing, install new grass turf - NOTE: this estimate is based on the plan dated 9/21/20 - Any Structural changes made by Engineering peer review may affect the estimated cost. Also, this estimate does not include any further design and or plans*

Contracts	Comment	Vendor Name Type	Service	Contract Estimate	Total Outside Services Estimate
JOC Contractor		KLD Construction		\$309,377	\$309,377
Architect/Engineer		E Gordian Fee @2.36%		\$7,301	\$7,301
Haz Mat				\$0	\$0
Geo Tech MEA	Soils/concrete testing			\$2,000	\$2,000
State Fire Marshal Fees	@ \$250/hr			0	\$0
Fire Alarm		Simplex Grinnel		\$0	\$0
Elevator		Thyseen Krup		\$0	\$0
Controls		KDC		\$0	\$0
Moving Services				\$0	\$0
Group II Furniture / Equip				\$0	\$0
Group II:AV - CITO PMO				\$0	\$0

**CONTRACT SUBTOTAL** \$318,678

In House (Individual Phases)	Comment	Average Labor Rate	Labor Hrs Time	Total Labor Cost	Materials Estimate	Sub Total	Total Facilities Estimate
Carpentry		\$ 65	0	\$ -		\$ -	\$0
Painting		\$ 60	0	\$ -		\$ -	\$0
Electrical		\$ 65	0	\$ -	\$ -	\$ -	\$0
Plumbing		\$ 65	0	\$ -		\$ -	\$0
Mechanical Controls		\$ 75	0	\$ -		\$ -	\$0
Central Plant / Refrigeration		\$ 75	0	\$ -		\$ -	\$0
EH&S		\$ 60	0	\$ -		\$ -	\$0
Landscaping		\$ 45	0	\$ -		\$ -	\$0
Locks		\$ 65	0	\$ -		\$ -	\$0
Custodial		\$ 35	0	\$ -		\$ -	\$0
Moving Services		\$ 45	0	\$ -		\$ -	\$0
FM Inspection	Site inspections - structural	\$ 125	16	\$ 2,000		\$ 2,000	\$2,000
GeoSys - Cad				\$ -		\$ -	\$0
IT/Phone Services				\$ -		\$ -	\$0

**IN-HOUSE SUBTOTAL (Labor & Material)** \$ 2,000 \$ -

Contingency 10% \$32,068

**Subtotal PROJECT RELATED WORK** \$352,746

Project Management Fees (7%) per SUAM 9034.01 \$24,692

**TOTAL PROJECT ESTIMATE (sum of all contracted and in-house work)** \$377,438

**NOTES:**

- This is only an estimate; not a guaranteed price. Client will be charged for actual costs. Factors that may affect this estimate include hidden utilities, hazardous materials, and changes in scope.
- Actual Cost will be calculated at project completion and any remaining funds will be reimbursed to client or client will be responsible for any cost overruns.
- This estimate is valid for six weeks.

**All projects require a funding source and approval prior to scheduling.**

**APPROVALS FOR PROJECT BUDGET & TRANSFER OF FUNDS**

Is the work requested for Academic Affairs owned space? \* Yes No

\*Academic Affairs Departments require Provost's Office approval on estimates of \$2,500 or over.

Provost's Office Approval:

Print Name / Signature \_\_\_\_\_ Date \_\_\_\_\_

Department Approval:

Print Name / Signature \* \_\_\_\_\_ Date \_\_\_\_\_

\* Signature must have signing authority for the transfer of funds indicated below.

**FUNDING SOURCES:** Transfer funds from:

Dept. Contact Person for Funding Transfer: \_\_\_\_\_

Philanthropic Foundation / ASC Funds:

PO: \_\_\_\_\_

Account: \_\_\_\_\_ Dept: \_\_\_\_\_ Fund: \_\_\_\_\_ Program Code: \_\_\_\_\_ Amount: \_\_\_\_\_

**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

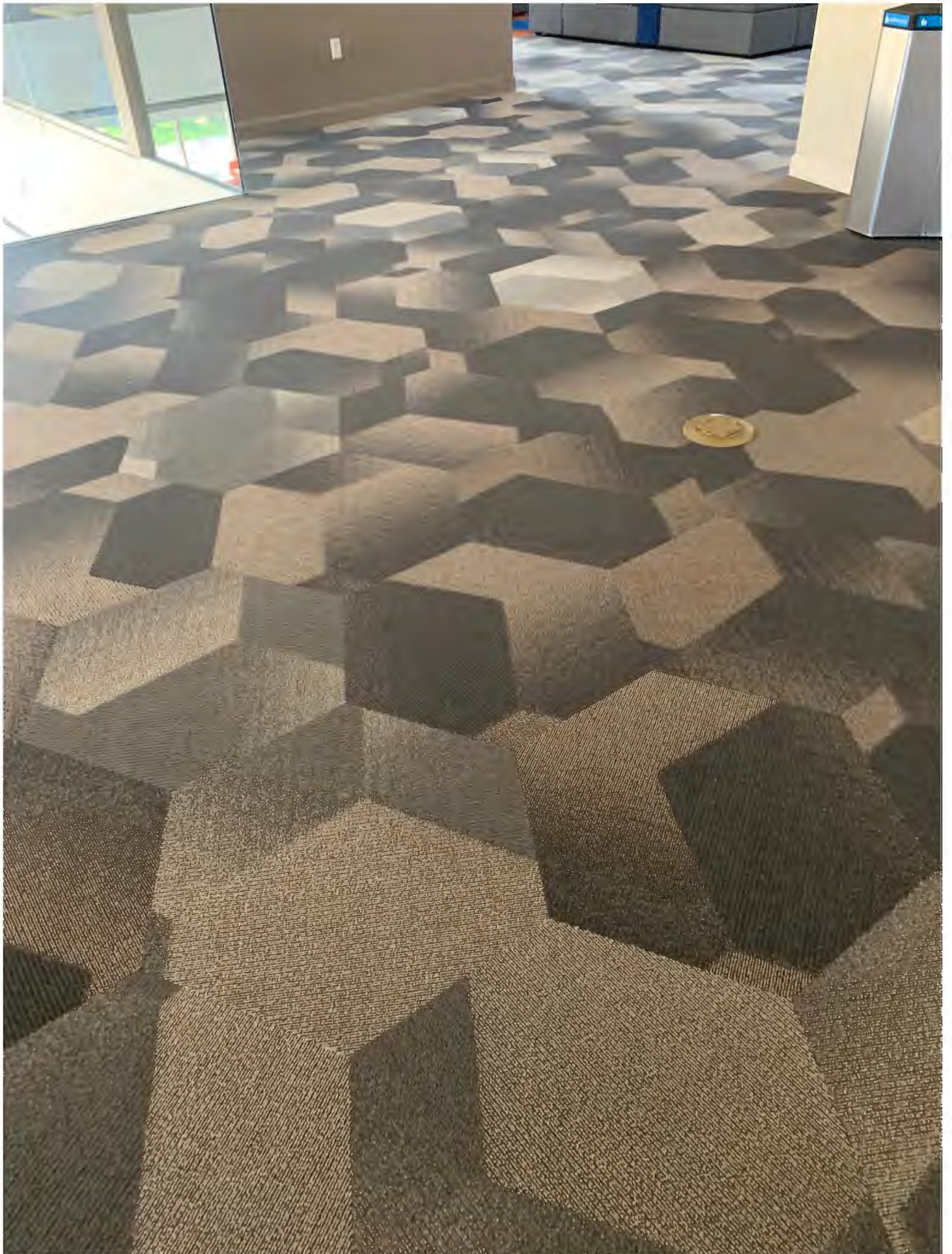
**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Titan Student Union Pavilion Carpet		Titan Student Union	
<b>PROJECT DESCRIPTION</b>			
Replace aged and damaged carpet in the Portola Pavilion			
<b>PROJECT LOCATION</b>			
Titan Student Union - Portola Pavilion			
<b>JUSTIFICATION</b> (how will this further ASI programs - attach additional information as needed)			
The current carpet in the space is fraying, threadbare and stained in many places. A new carpet installation using tiles instead of rolls will improve the presentability of this conference center space and make it easier to clean and replace sections of the carpet in the future, minimizing the need to replace the entire carpet at once.			
<b>PROPOSED DATES</b> (include timeline on Project Plan section)			
<b>Start Date</b>	May-21	<b>End Date</b>	Jun-21
<b>IMPACT ON PROGRAMS &amp; SERVICES</b> (services that will close; noise/disruption; staff work area/schedule)			
<i>Programs/Services</i>	<i>None. Work will be completed when TSU is closed.</i>		
<i>Facilities</i>	<i>Portola Pavilion and atrium closed for activities and events</i>		
<i>Staff</i>	<i>Building Engineering to oversee ordering, delivery, storage and replacement.</i>		
<i>Other</i>			
<b>DISPOSAL PLAN</b> (list furniture and materials that will be disposed of and how)			
Existing carpeting to be disposed of through contracted waste hauler			
<b>COST</b>			
Design		IT/Telecomm	
Plan Check		Disposal	
Construction		CSUF Facilities	
FFE		Other	500000.00
Other		<b>TOTAL</b>	<b>500000.00</b>
<b>SOURCES OF FUNDING</b> (capital request, operating budget, etc.)			
1	Capital Request	<b>Amount</b>	500000.00
2		<b>Amount</b>	0.00
3		<b>Amount</b>	0.00
<b>Submitted By</b> (print name)		<b>Date</b>	
Jeff Fehm		2/8/2021	

PROJECT TITLE		PROGRAM/DEPT	
Titan Student Union Pavilion Carpet		Titan Student Union	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
COMMUNICATION & REVIEW			
Department	(name)	Date	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
Approval	(signature)	Date	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
Date of Board Approval (if applicable)			



**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Replaster Pool		Titan Recreation	
PROJECT DESCRIPTION			
The pool plaster has not been replastered since the building has been open. The plaster is beginning to show wear and discoloration.			
PROJECT LOCATION			
Student Recreation Center			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
With the facility closed and the length of time it takes to do replastering, this is the best time to get it done. Replastering requires the pool to be closed for 30-45 days while the plaster cures.			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	May-21	End Date	Jun-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	No disruption as facility is closed		
Facilities	No disruption as facility is closed		
Staff	Staff member will be onsite during installation		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
Arrangements to drain and fill pool will need to be made			
COST			
Design		IT/Telecomm	
Plan Check		Disposal	0.00
Construction		CSUF Facilities	
FFE		Other	
Other	60000.00	<b>TOTAL</b>	<b>60000.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Budget Request	Amount	60000.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Ken Maxey		2/10/2021	

PROJECT TITLE		PROGRAM/DEPT
Chief Building Engineer (signature)		Date
	Inspections/Permits Required (to be completed by Chief Engineer)	
IT Director (signature)		Date
	Campus IT/Telecomm Required (to be completed by IT Director)	
COMMUNICATION & REVIEW		
Department	(name)	Date
<i>ASI departments</i>		
<i>Tenants/Partners</i>		
<i>CSUF Capital Prog</i>		
<i>Committee</i>		
<i>Board</i>		
<i>Other</i>		
<i>Other</i>		
Approval	(signature)	Date
<i>Director of Admin</i>		
<i>Assoc Exec Director</i>		
<i>Executive Director</i>		
Date of Board Approval (if applicable)		



November 10, 2020

Attention:

Allison Wittwer

[awittwer@fullerton.edu](mailto:awittwer@fullerton.edu)

800 N State College Blvd, Fullerton, CA 92831

714-317-9521

Titan Student Recreation Center Pool

NOTE: Bid does NOT include State Prevailing, or Union wages.

SCOPE:

Prep and replaster pool in Standard White plaster.

Cannot save step trim tile. Current step trim tile has black algae in grout work.

Price includes saw cutting to save existing racing lanes. 6 lanes currently in pool. Racing lanes may also have black algae in grout joints. Strongly recommend replacing and not saving racing lanes. See options below.

Price includes new step trim installed with 1/4 round piece like currently installed.

Supply and install 2 new 18"x18" main drain suction covers.

Price includes removal and replacement of 1 set of wall steps where rust is bleeding through. 2<sup>nd</sup> set of steps to be saw cut and saved.

Price includes reinforcement of 3 additional rust spot visible on floor of pool.

Price includes 3 Day start up. Includes initial water treatment, brush and brush vacuuming pool for 3 days.

\$46,987.00

Options and recommendations:

Remove all 6 racing lanes. Reinstall ONLY 2 racing lanes 6" wide. Black 1"x1" tile. Removal and reinstall new floor heads and tile aprons around floor heads. If elected the floor can now be prepared for replaster via hydro blasting which will not remove any pool shotcrete shell on the floor. Allowing as much coverage of shotcrete over the existing steel to remain. Likely cause of existing rust stains is due to insufficient coverage of steel with shotcrete.

\$3,945.00

Removal and replacement of all 6 racing lanes, and targets as currently installed in pool. Removal and reinstall new floor heads and tile aprons around floor heads. Floor to still be hydro blasted to maintain as much coverage over floor of pool steel as possible.  
\$9,420.00

Credit for replacing the trim tile WITHOUT the 1/4 round edge piece. Only install 2" wide band on stair per Health code.  
<\$4,216.00>

Upgrade Standard white plaster to Quartz based plaster.  
\$7,635.00

Permits for Orange County Department of Environmental Health if needed. College may have its own jurisdiction. To be determined. Fees and submittals.  
\$1,250.00

Permits for City of Fullerton if needed. College may have its own jurisdiction. To be determined. Fees NOT included and to be reimbursed. Includes plans and submittals.  
\$850.00

NOTE:

This bid will remain in effect for 30 days as of the date of this letter. In the event there are unforeseen expenses at the jobsite, Gardner Outdoor and Pool Remodeling reserves the right to a change order.

If you have any questions please contact me at.

Thank you for considering Gardner Outdoor and Pool Remodeling to bid your pool project!

**APPROVED AND ACCEPTED:**

Representative: \_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature  
Sincerely,  
Josh Owsley  
General Manager

\_\_\_\_\_  
Date

**EL CAJON**, 801 Gable Way, El Cajon, Ca 92020 Phone (619) 593-8880 Fax (619) 593-8886  
**ANAHEIM**, 1270 Sunshine Way, Anaheim, Ca 92806 Phone (714) 630-6300 Fax (714) 630-6504  
**INDIO**, 45-900 Commerce St, Ste B1, Indio, Ca 92201 Phone (760) 342-9756 Fax (760) 342-9766

**TO SET THE STANDARD FOR QUALITY POOL PLASTERING AND REMODELING, WITH INTEGRITY**

**The Illini Companies, Inc. DBA  
Commercial Aquatic Services**

1121 N. Hawk Circle  
Anaheim, CA 92807

Office: 1-877-794-6227

Fax: 1-877-794-6329

Email: info@swimcas.com



# Estimate

Date	Estimate #
11/11/2020	E20-1529

<b>Name / Address</b>	<b>Ship To</b>	<b>Terms</b>	
Associated Students, CSUF, Inc. Student Recreation Center 800 N. State College Blvd. Fullerton, CA 92834-6828	Cal State Fullerton Student Rec. Center 800 N. State College Blvd. Fullerton, CA 92634	Net 30	
		<b>Rep</b>	<b>Due Date</b>
		CAS	11/28/2020

Description	Qty	Cost	Total
Estimate to replace plaster on the Student Rec Center Pool. Plaster will be replaced with commercial white plaster. Permit will be pulled. Upon completion, plaster will need a start up process with a 3-week cure without any use or heat to ensure proper longevity.			
CUSTOMER ACKNOWLEDGES SCOPE OF WORK QUOTED IS NOT SUBJECT TO PREVAILING WAGE REQUIREMENTS. PREVAILING WAGE NOT REQUIRED. *** POOL PLASTER REPLACEMENT *** - Shut off circulation system and lock out power from main breaker panel - Install submersible pumps to drain pool of any standing water - Saw cut below waterline tile and around lane lanes and lane line targets - Demo existing plaster, VGB grates, and depth markers to dispose off site - Install new VGB covers and depth markers for pre-plaster inspection - After inspection, install all new commercial grade white plaster on pool floor and walls - Install hoses at lane line ends to start filling pool back up to gutter level	1	38,533.93	38,533.93
This service includes labor, materials, tax, testing equipment, travel, and standard parts necessary to perform the stated scope of work. It does not include any additional parts or labor if other repairs or equipment replacement is required.			

Estimate valid for 30 days.			
Commercial Aquatic Services is a state licensed and bonded contractor, CSLB #1045217 C53 classification - Swimming Pool Contractor.	<b>Sales Tax (7.75%)</b>		\$0.00
CAS Warranty Information: Workmanship will be covered by CAS for 30 days from date of repair/installation. Equipment/parts are covered under manufacturer warranty.	<b>Total</b>		\$38,533.93

Customer Signature \_\_\_\_\_



**Brian's Pool Plastering**  
7272 Walnut Avenue  
Buena Park, CA 90620  
Phone: (866) 662-5423

Aaron Tapper - Cal State Fullerton  
Phone: 657-278-3648  
Cell: 714-331-1441

800 N. State College Blvd  
Fullerton, CA

**Print-date:** 2-3-2021

## POOL REMODEL ESTIMATE

License No. CA. C-53 821323

### Price Breakdown

#### Non-Optional Work

**Group Price: \$54,542.00**

Title	Description	Qty / Unit	Price
Saw-Cut	Above waterline tile prior to demo to preserve bullnose and deck tile	255 LF	\$2,550.00
Demo	Remove plaster and tile from pool -Includes waterline tile and below. All tile above waterline to be preserved	255 LF	\$5,100.00
Replace	(2) sets of wall steps	3 FLAT	\$450.00
Install	Plaster light mounting rings	5 FLAT	\$250.00
Replace	All drain covers with VGBA compliant white (2 ea. 2 X 2 Square)	2 FLAT	\$1,000.00
Replace	(14) Floor return tiles	1 FLAT	\$1,694.00
Install	(3) Small Handrails	1 FLAT	\$2,400.00
Install	(2) Large handrails in Spa	4 FLAT	\$3,864.00
Install	Deck-O-Seal Mastic around perimeter of coping around pool and Spa	277 LF	\$1,939.00
Install	Groups 1-4 (no glass) tile at waterline of pool	255 LF	\$5,100.00
Install	Waterline depth marker tiles (to code)	12 FLAT	\$300.00

Install	Groups 1-4 (no glass) Anti-skid trim tile on steps in pool	252 LF	\$3,780.00
Install	Groups 1-4 (no glass) Anti-skid tile swim lanes and targets to current configuration	388 LF	\$11,640.00
Install	Premium White Plaster in pool and Spa 10 Yr Warranty Includes drain covers and eyeball fittings	255 LF	\$8,925.00
Add	Quartz Matrix to plaster to strengthen finish	255 LF	\$2,550.00
INITIAL START-UP FEE	Includes chemical balancing with all chemicals, (3) brushings, stain-inhibitor, conditioner and complete cleaning of the system.	1 SVC	\$1,800.00
Permits	Permits, Plans, Engineering, Deputy Inspector and Administration Allowance	1 FLAT	\$1,200.00

### Optional

Group Price: \$0.00

Title	Description	Qty / Unit	Price
Equipment Repairs	\$TBD based on Service Inspection	1 TBD	\$0.00
Pool Service	All Inclusive pool service \$TBD based on Service Inspection	1 TBD	\$0.00

**Total Price: \$54,542.00**

**Please contact Adam if you have any questions @ (949) 510-2114**

**Customer contact email: [atapper@fullerton.edu](mailto:atapper@fullerton.edu)**

**NOTE:** Items not specifically quoted or mentioned in your contract are never included. Brian's Pool Plastering offers a service to cover furniture and plants for a fee. A 3.7% fee applies to all credit card charges. Permits are Owner's responsibility unless otherwise specified. Project estimated duration \_\_\_\_ days. **Owner's Initial** \_\_\_\_\_

**Your signature below approves this contract and pricing and gives Brian's Pool Plastering authorization to begin work.**

Signature

\_\_\_\_\_

Print Name:

\_\_\_\_\_

Date:

\_\_\_\_\_

**ASSOCIATED STUDENTS CSUF  
CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
SRC/TSU Cameras		Titan Recreation and Titan Student Union	
PROJECT DESCRIPTION			
Additional interior and exterior video cameras located in the Titan Student Union and Student Recreation Center for safety and asset protection.			
PROJECT LOCATION			
Various Locations Throughout the Titan Student Union and Student Recreation Center			
JUSTIFICATION (how will this further ASI programs - attach additional information as needed)			
High value areas of the TSU/SRC (records in HR, money in Accounting, TBB, SRC and Info Services, computers in Marketing) are already within view of cameras. Most hallways and entry points are covered. Other high value areas (credit card terminals, AV rooms, ASI Boardroom) need additional coverage for theft or tampering. Some blindspots for general coverage of the TSU and SRC have been identified and need to be addressed. Exterior areas (including loading docks, the TSU South Patio and the SRC pool need coverage.			
PROPOSED DATES (include timeline on Project Plan section)			
Start Date	Jul-21	End Date	Aug-21
IMPACT ON PROGRAMS & SERVICES (services that will close; noise/disruption; staff work area/schedule)			
Programs/Services	None. Work will be completed when TSU is closed.		
Facilities	Access to offices, corridors and public areas may be limited during installation.		
Staff	BE, Titan Rec & Ops coordination with vendor for wiring and conduit install and building access. IT staff to coordinate with Campus IT on servers and networking.		
Other			
DISPOSAL PLAN (list furniture and materials that will be disposed of and how)			
None. All new installation.			
COST			
Design		IT/Telecomm	15000.00
Plan Check		Disposal	included
Construction		CSUF Facilities	
FFE	87000.00	Other	
Other		<b>TOTAL</b>	<b>102000.00</b>
SOURCES OF FUNDING (capital request, operating budget, etc.)			
1	Capital Request	Amount	102000.00
2		Amount	0.00
3		Amount	0.00
Submitted By (print name)		Date	
Aaron Tapper & Jeff Fehr		2/8/2021	

<b>PROJECT TITLE</b>		<b>PROGRAM/DEPT</b>	
SRC/TSU Cameras		Titan Recreation and Titan Student Union	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
<b>COMMUNICATION &amp; REVIEW</b>			
<b>Department</b>	<b>(name)</b>	<b>Date</b>	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
<b>Approval</b>	<b>(signature)</b>	<b>Date</b>	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
<b>Date of Board Approval (if applicable)</b>			

| |



Add (6) Panasonic Fisheye  
Cameras to Upper Level

# TITAN STUDENT UNION UPPER LEVEL California State University, Fullerton



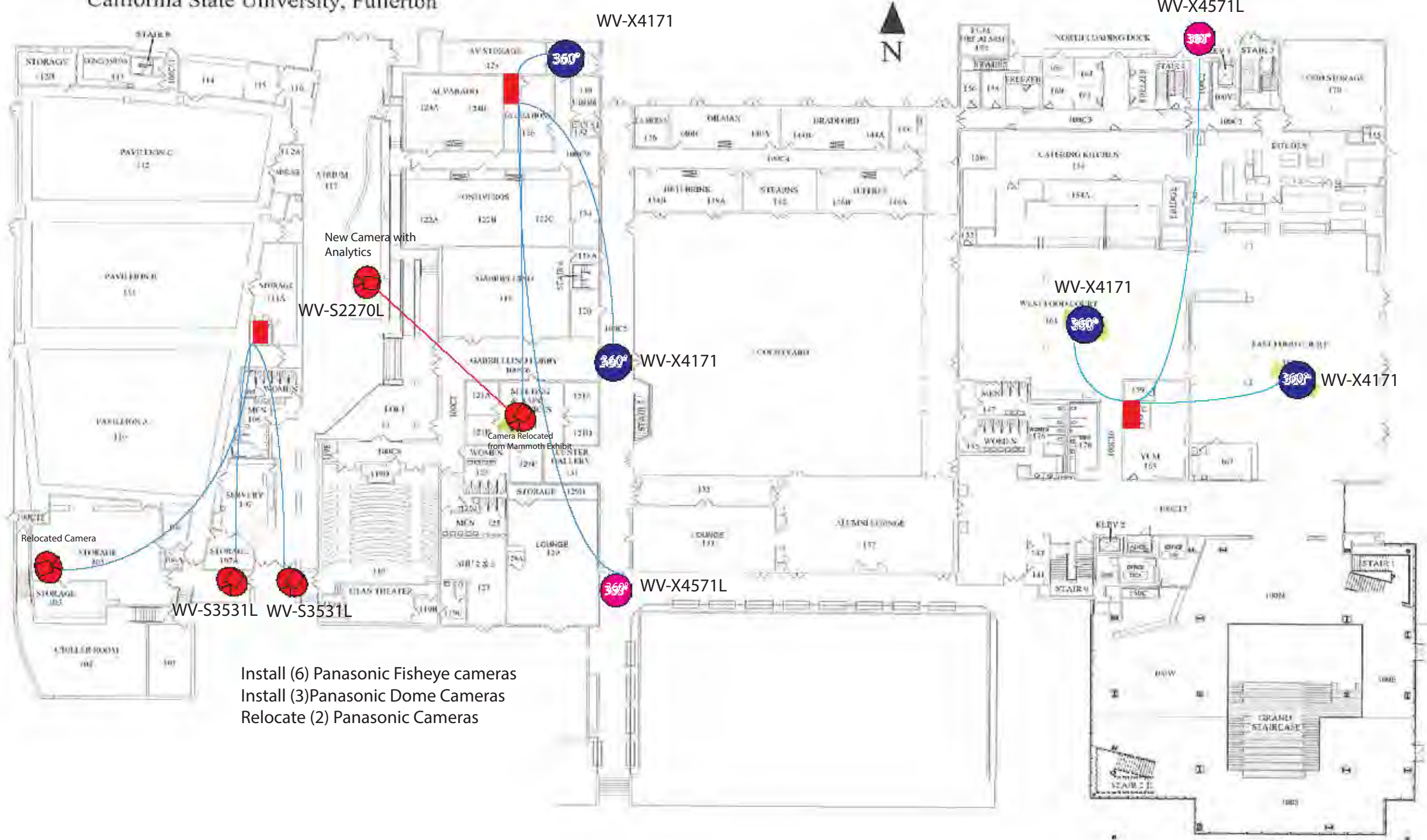
- CCTV Devices
- INDOOR FIXED BOX CAMERA
  - OUTDOOR FIXED BOX
  - INDOOR DOME CAMERA
  - OUTDOOR DOME CAMERA
  - INDOOR 180°/360° DOME
  - OUTDOOR 180°/360° DOME
  - PAN-TILT-ZOOM CAMERA
  - NVR - NETWORK VIDEO RECORDER
  - 24 PORT SWITCH
  - 8 PORT SWITCH
  - CLIENT PC



Date:  
Rev. Date:  
Agent:  
Doc. Loc: sales/maps/



TITAN STUDENT UNION MID LEVEL  
California State University, Fullerton



New Camera with Analytics

WV-S2270L

Camera Relocated from Mammoth Exhibit

Relocated Camera

WV-S3531L

WV-S3531L

Install (6) Panasonic Fisheye cameras  
Install (3) Panasonic Dome Cameras  
Relocate (2) Panasonic Cameras

WV-X4171












WV-X4571L

WV-X4171

WV-X4171

WV-X4171

WV-X4571L

- CCTV Devices
-  INDOOR FIXED BOX CAMERA
  -  OUTDOOR FIXED BOX
  -  INDOOR DOME CAMERA
  -  OUTDOOR DOME CAMERA
  -  INDOOR 180°/ 360° DOME
  -  OUTDOOR 180°/ 360° DOME
  -  PAN-TILT-ZOOM CAMERA
  -  NVR - NETWORK VIDEO RECORDER
  -  24 PORT SWITCH
  -  8 PORT SWITCH
  -  CLIENT PC

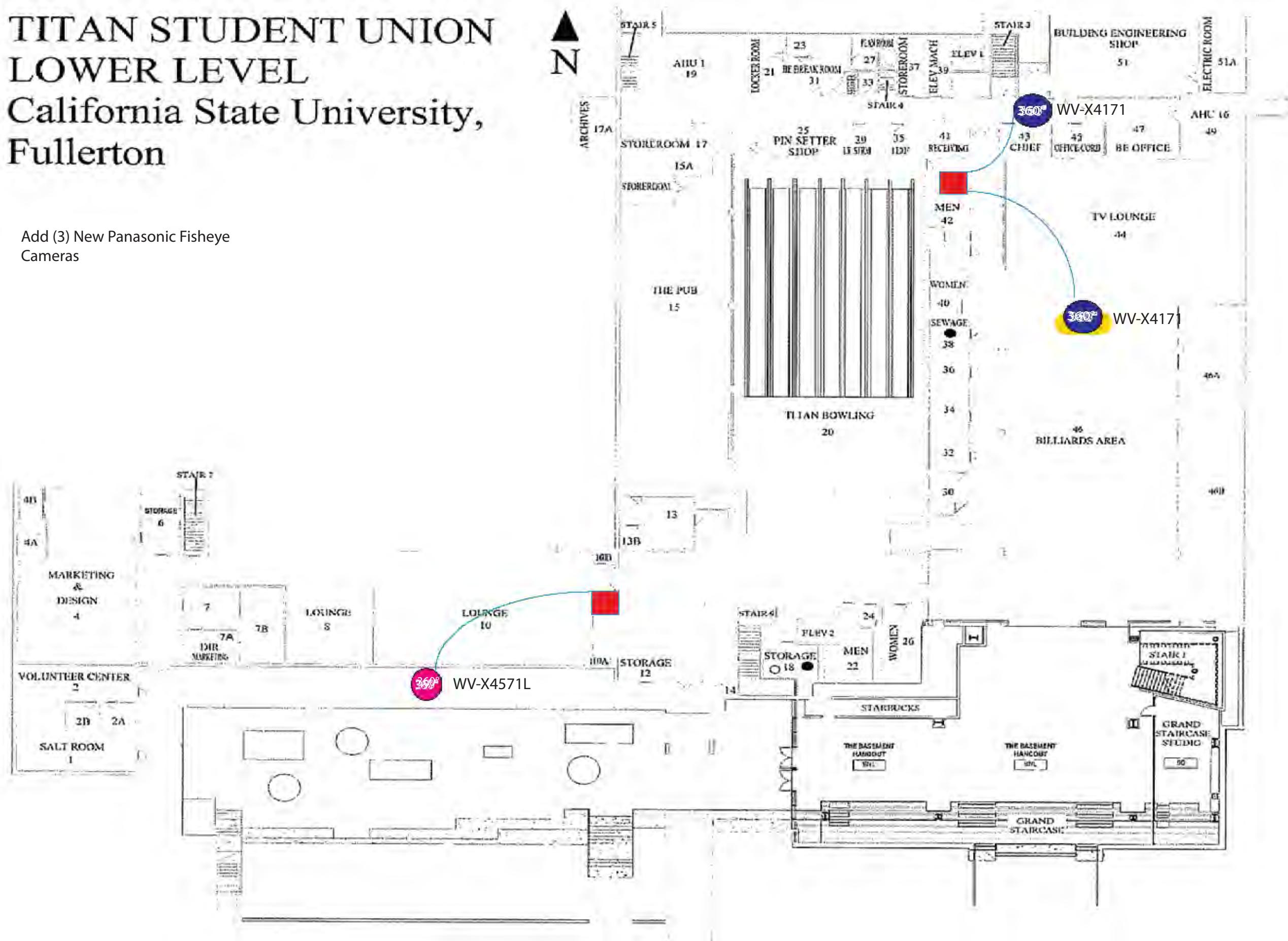


Date:  
Rev. Date:  
Agent:  
Doc. Loc: sales/maps/



# TITAN STUDENT UNION LOWER LEVEL California State University, Fullerton

Add (3) New Panasonic Fisheye  
Cameras



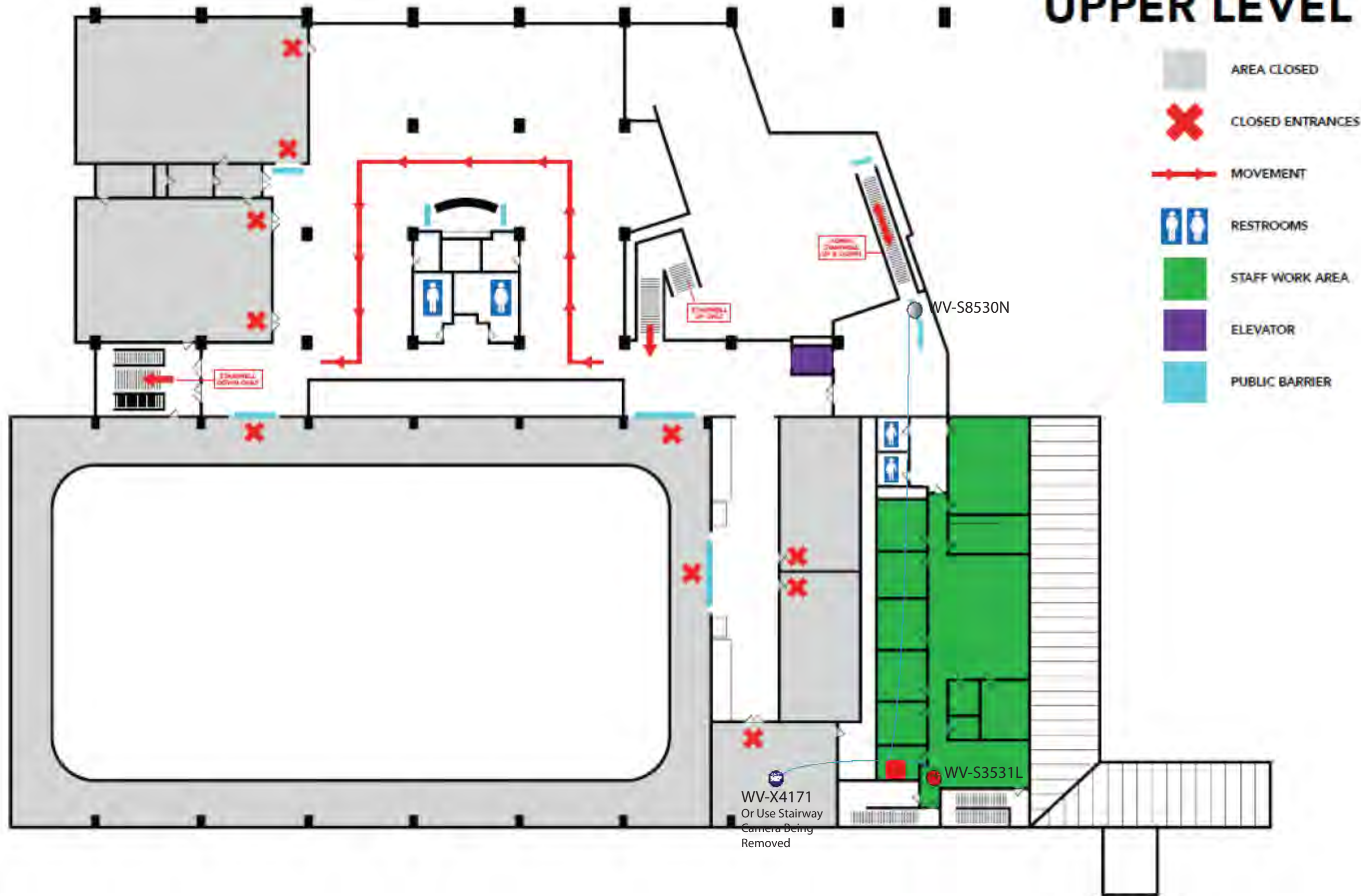
- CCTV Devices
- INDOOR FIXED BOX CAMERA
  - OUTDOOR FIXED BOX
  - INDOOR DOME CAMERA
  - OUTDOOR DOME CAMERA
  - INDOOR 180°/360° DOME
  - OUTDOOR 180°/360° DOME
  - PAN-TILT-ZOOM CAMERA
  - NVR - SERVER - NETWORK VIDEO RECORDER
  - 24 PORT SWITCH
  - 8 PORT SWITCH
  - CLIENT PC



Date:  
Rev. Date:  
Agent:  
Doc. Loc: sales/maps/



# STUDENT RECREATION CENTER UPPER LEVEL



- CCTV Devices**
- INDOOR FIXED BOX CAMERA
  - OUTDOOR FIXED BOX
  - INDOOR DOME CAMERA
  - OUTDOOR DOME CAMERA
  - INDOOR 180°/360° DOME
  - OUTDOOR 180°/360° DOME
  - MULTI SENSOR CAMERA
  - NVR - SERVER - NETWORK VIDEO RECORDER
  - 24 PORT SWITCH
  - 8 PORT SWITCH
  - CLIENT PC

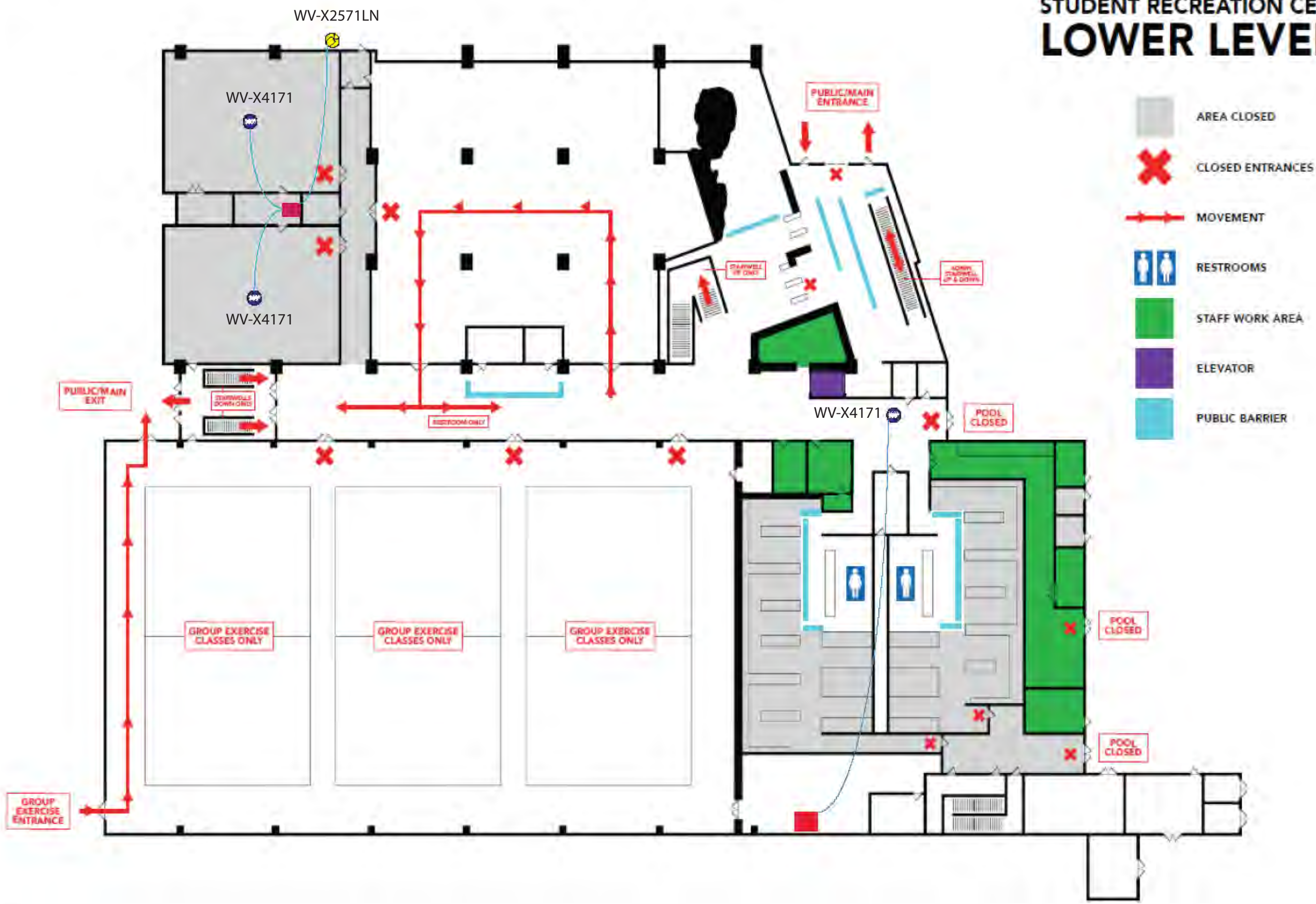
- AREA CLOSED
- CLOSED ENTRANCES
- MOVEMENT
- RESTROOMS
- STAFF WORK AREA
- ELEVATOR
- PUBLIC BARRIER



Date:  
Rev. Date:  
Agent:  
Doc. Loc: sales/maps/



# STUDENT RECREATION CENTER LOWER LEVEL



- CCTV Devices
- INDOOR FIXED BOX CAMERA
  - OUTDOOR FIXED BOX
  - INDOOR DOME CAMERA
  - OUTDOOR DOME CAMERA
  - INDOOR 180°/360° DOME
  - OUTDOOR 180°/360° DOME
  - PAN-TILT-ZOOM CAMERA
  - NVR - SERVER - NETWORK VIDEO RECORDER
  - 24 PORT SWITCH
  - 8 PORT SWITCH
  - CLIENT PC



Date:  
Rev. Date:  
Agent:  
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**ASSOCIATED STUDENTS CSUF**  
**CAPITAL IMPROVEMENT/PURCHASE and FACILITY PROJECT REQUEST**

**Project/Purchase Request**

Fill in light blue sections. All sections must be completed and approval finalized *before project begins*.

Add additional lines and attach additional documentation as needed, including quotes, diagrams.

PROJECT TITLE		PROGRAM/DEPARTMENT	
Titan Bowl & Billiards Sync Scoring and Marketing Upgrade		Titan Bowl & Billiards	
<b>PROJECT DESCRIPTION</b>			
Upgrade scoring monitors and marketing outreach infrastructure in the bowling center			
<b>PROJECT LOCATION</b>			
Titan Bowl & Billiards			
<b>JUSTIFICATION</b> (how will this further ASI programs - attach additional information as needed)			
The upgrades to the center will allow for direct marketing to customers, expanded and improved programming at the lanes, and replace outdated scoring stations, enhancing the event experience for students, campus members, and off-campus customers.			
<b>PROPOSED DATES</b> (include timeline on Project Plan section)			
<b>Start Date</b>	Aug-21	<b>End Date</b>	Aug-21
<b>IMPACT ON PROGRAMS &amp; SERVICES</b> (services that will close; noise/disruption; staff work area/schedule)			
<i>Programs/Services</i>	<i>Minimal. Work will be completed when TSU is closed.</i>		
<i>Facilities</i>	<i>Bowling lanes out of service. No events to be scheduled.</i>		
<i>Staff</i>	<i>ASI IT staff for software and server assistance</i>		
<i>Other</i>			
<b>DISPOSAL PLAN</b> (list furniture and materials that will be disposed of and how)			
Scoring stations to be e-wasted through campus Facility Operations			
<b>COST</b>			
Design		IT/Telecomm	
Plan Check		Disposal	
Construction		CSUF Facilities	
FFE	28000.00	Other	
Other		<b>TOTAL</b>	<b>28000.00</b>
<b>SOURCES OF FUNDING</b> (capital request, operating budget, etc.)			
1	Capital Request	<b>Amount</b>	28000.00
2		<b>Amount</b>	0.00
3		<b>Amount</b>	0.00
<b>Submitted By</b> (print name)		<b>Date</b>	
Jeff Fehm		2/8/2021	

PROJECT TITLE		PROGRAM/DEPT	
Titan Bowl & Billiards Sync Scoring and Marketing Upgrade		Titan Bowl & Billiards	
Chief Building Engineer (signature)		Date	
	Inspections/Permits Required (to be completed by Chief Engineer)		
IT Director (signature)		Date	
	Campus IT/Telecomm Required (to be completed by IT Director)		
COMMUNICATION & REVIEW			
Department	(name)	Date	
<i>ASI departments</i>			
<i>Tenants/Partners</i>			
<i>CSUF Capital Prog</i>			
<i>Committee</i>			
<i>Board</i>			
<i>Other</i>			
<i>Other</i>			
Approval	(signature)	Date	
<i>Director of Admin</i>			
<i>Assoc Exec Director</i>			
<i>Executive Director</i>			
Date of Board Approval (if applicable)			

**TITAN STUDENT CENTERS**  
**FEE REVENUE PROJECTION FY 2021-2022**

	SUMMER 2021	FALL 2021	SPRING 2022
Projected Students	1,000	40,786	38,998
Less: Waivers	0	180	150
Budgeted Student Headcount	1,000	40,606	38,848
Non-Directed TSC Fee	\$ 60.00	\$ 151.88	\$ 151.88
Budgeted Fees Available	\$ 60,000	\$ 6,167,318	\$ 5,900,310
<b>TOTAL PROJECTED TSC FEES FOR FY 2021-2022</b>			<b>\$12,127,628</b>



TITAN STUDENT CENTERS REVENUE FUND BALANCE			
TSC	2019-2020 ACTUAL	2020-2021 ESTIMATE	2021-2022 PROPOSED
<b>REVENUE FUND (TCUOP)</b>			
PRIOR YEAR FUND BALANCE	\$ 9,937,172	\$ 9,084,659	\$ 7,165,383
FEE REVENUE	\$ 11,845,280	11,559,861	\$ 12,127,628
INTEREST INCOME - REVENUE FUND	\$ 186,144	\$ 150,000	\$ 150,000
GENERAL SERVICE/PRIOR YR ADJ.	\$ 137,614		
<b>INCOME TOTAL</b>	<b>\$ 22,106,210</b>	<b>\$ 20,794,520</b>	<b>\$ 19,443,012</b>
BUDGET & RETURN TO OPERATIONS	\$ 8,169,560	\$ 8,757,737	\$ 9,225,954
FACILITY BOND PAYMENT	\$ 2,298,025	\$ 2,313,400	\$ 1,702,375
CSU GENERAL OVERHEAD EXPENSE	\$ 53,966	\$ 58,000	\$ 58,000
TRANSFER TO UNFUNDED PENSION LIABILITY			\$ 406,602
TRANSFER TO REPAIR & REPLACEMENT FUND (TCUMR)	\$ 2,500,000	\$ 2,500,000	\$ 500,000
TRANSFER TO CATASTROPHIC FUND (TCUCE)	\$ -	\$ -	\$ 850,000
TRANSFER TO ECONOMIC UNCERTAINTY FUND	\$ -	\$ -	\$ 350,000
<b>EXPENSE TOTAL</b>	<b>\$ 13,021,551</b>	<b>\$ 13,629,137</b>	<b>\$ 13,092,931</b>
<b>ENDING FUND BALANCE</b>	<b>\$9,084,659</b>	<b>\$7,165,383</b>	<b>\$6,350,081</b>

RESERVE FUNDS	BALANCE 06/30/2020	ESTIMATE BALANCE 06/30/2021	PROJECTED BALANCE 6/30/2022
REPAIR AND REPLACEMENT FUND (TCUMR)	\$5,317,092	\$6,617,092	\$7,117,092 *
CATASTROPHIC FUND (TCUCE)	\$587,780	\$587,780	\$1,437,780
ECONOMIC UNCERTAINTY FUND (NEW)	\$0	\$0	\$350,000

\* Spring 2021 Capital improvement allocation taken from TCUMR

**TITAN STUDENT CENTERS  
2021-22 PROPOSED OPERATING BUDGET**

FY 19-20 ACTUAL	FY 20-21 BUDGET	FY 21-22 PROPOSED	Variance \$	Variance %
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**INCOME**

Locker Income	35,413	37,000	22,000	(15,000)	-41%
Dining Commissions	108,006	180,000	210,000	30,000	17%
Service Chargebacks	123,806	417,482	811,510	394,028	94%
Merchandise Sales	3,167	3,107	121	(2,986)	-96%
Yum	14,025	19,800	9,900	(9,900)	-50%
Class Bowling	10,430	7,392	8,400	1,008	14%
Shoe Rentals	8,360	8,400	8,000	(400)	-5%
Foosball/Shuffleboard	476	387	492	105	27%
Misc./General/See's Revenue	36,908	23,256	10,209	(13,047)	-56%
Room Rental	193,129	142,000	84,700	(57,300)	-40%
Movie Ticket Income	1,530	1,600	1,425	(175)	-11%
Equipment Rental	-	-	1,800	1,800	0%
Personnel Services Income	37,761	43,044	22,790	(20,254)	-47%
Amusement Ticket Income	14,947	15,360	13,235	(2,125)	-14%
ATM & Amazon Locker	62,406	58,000	60,432	2,432	4%
Interest Income	70,925	35,000	70,000	35,000	100%
Sports Ticket Income	449	-	-	-	0%
Registration Fees	355,710	322,000	244,570	(77,430)	-24%
Table Tennis	1,677	1,354	1,127	(227)	-17%
Billiards	15,933	17,259	17,259	-	0%
Goods	-	36	30	(6)	-17%
Ticket Stock Revenue	-	256	160	(96)	-38%
Gaming Center	1,877	1,803	1,803	-	0%
Electronic Games	4,478	2,800	2,800	-	0%
Rock Wall Classes	-	3,000	1,500	(1,500)	-50%
Games Special Events	32,024	32,560	32,000	(560)	-2%
Bowling	11,175	9,145	9,145	-	0%
<b>TOTAL INCOME</b>	<b>1,144,611</b>	<b>1,382,041</b>	<b>1,645,408</b>	<b>263,367</b>	<b>16%</b>

**TITAN STUDENT CENTERS  
2021-22 PROPOSED OPERATING BUDGET**

FY 19-20 ACTUAL	FY 20-21 BUDGET	FY 21-22 PROPOSED	Variance \$	Variance %
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**EXPENSES**

Personnel Services (Staff)	1,901,499	2,050,965	2,297,397	246,432	12%
Personnel Services (Student)	1,398,223	1,771,253	1,657,672	(113,581)	-6%
Benefits (Staff)	815,196	888,064	1,048,464	160,400	18%
Benefits (Students)	60,128	84,199	84,390	191	0%
Student Leader Awards	41,666	-	-	-	0%
Supplies	218,017	400,000	350,000	(50,000)	-13%
Printing & Advertising	8,317	22,000	69,314	47,314	215%
Communications	27,939	42,446	46,224	3,778	9%
Merchandise for Resale	2,550	5,300	3,300	(2,000)	-38%
Repairs & Maintenance	75,647	146,142	178,167	32,025	22%
Minor Construction	58,791	175,000	162,000	(13,000)	-7%
Contract Wages	-	-	122,000	122,000	0%
Contracts/Fees/Rentals	2,348,277	2,666,822	3,978,816	1,311,994	49%
Travel	32,065	62,158	37,500	(24,658)	-40%
Vehicle Expense	1,262	2,250	2,250	-	0%
Dues & Subscriptions	8,944	12,545	14,580	2,035	16%
Staff Development	10,508	21,975	37,750	15,775	72%
Insurance	110,569	135,386	133,565	(1,821)	-1%
Utilities	463,175	600,600	500,000	(100,600)	-17%
Contingency	1,736	33,000	145,974	112,974	342%
Postal Expense	933	2,000	2,000	-	0%
<b>TOTAL EXPENSES</b>	<b>7,585,442</b>	<b>9,122,105</b>	<b>10,871,363</b>	<b>1,749,258</b>	<b>16%</b>

<b>Subsidy from Student Fees</b>	<b>(6,440,831)</b>	<b>(7,740,064)</b>	<b>(9,225,955)</b>	<b>(1,485,891)</b>	
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# TITAN STUDENT CENTERS

ADMINISTRATION

BUILDING  
ENGINEERING

TITAN STUDENT  
UNION

TITAN  
RECREATION

BOARD OF  
TRUSTEES

## INCOME

Locker Income	22,000				22,000	
Dining Commissions	210,000	210,000				
Service Chargebacks	811,510	811,135	-	375		
Merchandise Sales	121			121	-	
Yum	9,900	9,900				
Class Bowling	8,400			8,400		
Shoe Rentals	8,000			8,000		
Foosball/Shuffleboard	492			492		
Miscellaneous Revenue	10,209	-		209	10,000	
Room Rental	84,700			84,000	700	
Movie Ticket Income	1,425			1,425		
Equipment Rental	1,800				1,800	
Personnel Services Income	22,790			22,090	700	
Amusement Ticket Income	13,235			13,235		
ATM & Amazon Locker	60,432	60,432				
Interest Income	70,000	70,000				
Registration Fees	244,570				244,570	
Table Tennis	1,127			1,127		
Billiards	17,259			17,259		
Goods	30			30		
Ticket Stock Revenue	160			160		
Gaming Center	1,803			1,803		
Electronic Games	2,800			2,800		
Rock Wall Classes	1,500				1,500	
Games Special Events	32,000			32,000		
Bowling	9,145			9,145		
<b>TOTAL INCOME</b>	<b>1,645,408</b>	<b>1,161,467</b>	<b>-</b>	<b>202,671</b>	<b>281,270</b>	

# TITAN STUDENT CENTERS

ADMINISTRATION

BUILDING  
ENGINEERING

TITAN STUDENT  
UNION

TITAN  
RECREATION

BOARD OF  
TRUSTEES

## EXPENSES

Personnel Services (Staff)	2,297,397	-	-	-	-	
Personnel Services (Student)	1,657,672	179,200	85,900	523,246	869,326	
Benefits (Staff)	1,048,464	-	-	-	-	
Benefits (Student)	84,390	6,053	4,565	19,112	54,660	
Supplies	350,000	40,576	40,335	122,263	142,005	4,821
Printing & Advertising	69,314	35,250		12,807	20,757	500
Communications	46,224	16,990	5,760	9,974	13,000	500
Merchandise for Resale	3,300			300	3,000	
Repairs & Maintenance	178,167	7,000	61,152	87,515	22,500	
Minor Construction	162,000		162,000			
Contract Wages	122,000	122,000				
Contracts/Fees/Rentals	3,978,816	2,286,931	1,177,867	115,777	196,713	201,528
Travel	37,500	500	-	2,100	15,250	19,650
Vehicle Expense	2,250		2,250			
Dues & Subscriptions	14,580	7,039	500	996	6,045	
Staff Development	37,750	14,500	5,000	8,750	9,500	
Insurance	133,565	93,165			40,400	
Utilities	500,000	500,000				
Contingency	145,974	109,974		28,000		8,000
Postal Expense	2,000			2,000		
<b>TOTAL EXPENSES</b>	<b>10,871,363</b>	<b>3,419,178</b>	<b>1,545,329</b>	<b>932,840</b>	<b>1,393,156</b>	<b>234,999</b>

<b>BOARD OF TRUSTEES</b>	<b>TSC BOARD OF TRUSTEES</b>	<b>PROGRAMMING SUPPORT</b>
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**EXPENSES**

Supplies	4,821	4,821	
Printing & Advertising	500	500	
Communications	500	500	
Contracts/Fees/Rentals	201,528	1,500	200,028
Travel	19,650	19,650	
Contingency	8,000	8,000	
<b>TOTAL</b>	<b>234,999</b>	<b>34,971</b>	<b>200,028</b>

<b>ADMINISTRATION</b>	<b>GENERAL SERVICES</b>	<b>ADMINISTRATION</b>	<b>INFORMATION TECHNOLOGY</b>	<b>MARKETING</b>
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**INCOME**

Dining Commissions	210,000	210,000			
Service Chargebacks	811,135	-	149,986	263,573	397,576
Yum	9,900	9,900			
ATM & Amazon Locker	60,432	60,432			
Interest Income	70,000	70,000			
<b>TOTAL INCOME</b>	<b>1,161,467</b>	<b>350,332</b>	<b>149,986</b>	<b>263,573</b>	<b>397,576</b>

**EXPENSES**

Personnel Services (Staff)	-				
Personnel Services (Student)	179,200		-	18,700	160,500
Benefits (Staff)	-				
Benefits (Student)	6,053		-	553	5,500
Supplies	40,576		2,812	9,642	28,122
Printing & Advertising	35,250		200	50	35,000
Communications	16,990	6,980	1,200	5,900	2,910
Repairs & Maintenance	7,000			7,000	
Contract Wages	122,000			122,000	
Contracts/Fees/Rentals	2,286,931	2,122,944	-	140,392	23,595
Travel	500		250	-	250
Dues & Subscriptions	7,039		5,500	-	1,539
Staff Development	14,500		3,000	7,500	4,000
Insurance	93,165	93,165			
Utilities	500,000	500,000			
Contingency	109,974	109,974			
<b>TOTAL EXPENSES</b>	<b>3,419,178</b>	<b>2,833,063</b>	<b>12,962</b>	<b>311,737</b>	<b>261,416</b>

BUILDING ENGINEERING	GENERAL OPERATONS	KITCHEN & DINING	TSU	SRC	CHILDREN'S CENTER
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**INCOME**

Service Chargebacks	-					
<b>TOTAL INCOME</b>	-					-

**EXPENSES**

Personnel Services (Staff)	-					
Personnel Services (Student)	85,900	85,900				-
Benefits (Staff)	-					
Benefits (Student)	4,565	4,565				-
Supplies	40,335	2,089	2,089	8,035	28,122	-
Communications	5,760	5,760				
Repairs & Maintenance	61,152		3,000	28,152	30,000	-
Minor Construction	162,000			102,000	60,000	-
Contracts/Fees/Rentals	1,177,867	4,020	47,100	739,715	387,032	-
Travel	-					
Vehicle Expense	2,250	2,250				
Dues & Subscriptions	500	500				
Staff Development	5,000	5,000				
<b>TOTAL EXPENSES</b>	<b>1,545,329</b>	<b>110,084</b>	<b>52,189</b>	<b>877,902</b>	<b>505,154</b>	-



<b>TITAN STUDENT UNION</b>	<b>UCC</b>	<b>TITAN BOWL &amp; BILLIARDS</b>	<b>ART &amp; EXHIBITS</b>	<b>EMERGENCY PREPARATION</b>	<b>INFORMATION &amp; SERVICES</b>	<b>TSU OPERATIONS</b>	<b>FOOD PANTRY</b>
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**INCOME**

Service Chargebacks	375	375				-	
Merchandise Sales	121		121				
Class Bowling	8,400		8,400				
Shoe Rentals	8,000		8,000				
Foosball/Shuffleboard	492		492				
Miscellaneous Revenue	209				34	175	
Room Rentals	84,000	84,000					
Movie Ticket Income	1,425				1,425		
Equipment Rental	-						
Personnel Services Income	22,090		5,320		600	16,170	
Amusement Ticket Income	13,235				13,235		
Table Tennis	1,127		1,127				
Billiards	17,259		17,259				
Goods	30				30		
Ticket Stock Revenue	160				160		
Gaming Center	1,803		1,803				
Electronic Games	2,800		2,800				
Games Special Events	32,000		32,000				
Bowling	9,145		9,145				
<b>TOTAL INCOME</b>	<b>202,671</b>	<b>84,375</b>	<b>86,467</b>		<b>15,484</b>	<b>16,345</b>	

<b>TITAN STUDENT UNION</b>	<b>UCC</b>	<b>TITAN BOWL &amp; BILLIARDS</b>	<b>ART &amp; EXHIBITS</b>	<b>EMERGENCY PREPARATION</b>	<b>INFORMATION &amp; SERVICES</b>	<b>TSU OPERATIONS</b>	<b>FOOD PANTRY</b>
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**EXPENSES**

Personnel Services (Staff)	-							
Personnel Services (Student)	523,246	35,331	66,783	31,587		97,283	267,826	24,436
Benefits (Staff)	-							
Benefits (Student)	19,112	1,603	2,952	1,000		2,608	10,049	900
Supplies	122,263	1,836	25,566	7,312	1,848	4,118	78,369	3,214
Printing & Advertising	12,807	777	4,000	1,200		1,580	250	5,000
Communications	9,974	1,881	1,577	360		2,989	3,167	
Merchandise for Resale	300		300					
Repairs & Maintenance	87,515		28,600	2,075		300	56,540	
Contracts/Fees/Rentals	115,777	24,724	8,603	2,900	4,920	24,649	25,631	24,350
Travel	2,100	250	-			100	750	1,000
Dues & Subscriptions	996		146				850	
Staff Development	8,750	1,300	1,180	200		400	5,670	
Contingency	28,000						28,000	
Postal Expense	2,000					2,000		
<b>TOTAL EXPENSES</b>	<b>932,840</b>	<b>67,702</b>	<b>139,707</b>	<b>46,634</b>	<b>6,768</b>	<b>136,027</b>	<b>477,102</b>	<b>58,900</b>

<b>TITAN RECREATION</b>	<b>TITAN REC GENERAL OPERATIONS</b>	<b>FITNESS PROGRAMS</b>	<b>AQUATICS</b>	<b>ROCK WALL</b>	<b>INTRAMURAL SPORTS</b>	<b>TITAN YOUTH SPORTS CAMP</b>	<b>LEARN TO SWIM</b>	<b>RED CROSS TRAINING</b>	<b>OUTDOOR ADVENTURE</b>
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**INCOME**

Locker Income	22,000	22,000								
Service Chargebacks	-									
Merchandise Sales	-	-				-				
Miscellaneous Revenue	10,000	10,000								
Room Rental	700	700								
Equipment Rental	1,800									1,800
Personnel Services	700	700								
Registration Fees	244,570	70,000	32,100		1,200	10,030	73,700	35,840	9,700	12,000
Rock Wall Classes	1,500				1,500					
<b>TOTAL INCOME</b>	<b>281,270</b>	<b>103,400</b>	<b>32,100</b>	<b>-</b>	<b>2,700</b>	<b>10,030</b>	<b>73,700</b>	<b>35,840</b>	<b>9,700</b>	<b>13,800</b>

<b>TITAN RECREATION</b>	<b>TITAN REC GENERAL OPERATIONS</b>	<b>FITNESS PROGRAMS</b>	<b>AQUATICS</b>	<b>ROCK WALL</b>	<b>INTRAMURAL SPORTS</b>	<b>TITAN YOUTH SPORTS CAMP</b>	<b>LEARN TO SWIM</b>	<b>RED CROSS TRAINING</b>	<b>OUTDOOR ADVENTURE</b>
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**EXPENSES**

Personnel Services (Staff)	-									
Personnel Services (Student)	869,326	208,375	199,157	69,165	69,069	112,350	163,200	18,900	2,000	27,110
Benefits (Staff)	-									
Benefits (Student)	54,660	12,108	10,811	4,091	4,968	2,367	15,272	1,736	160	3,147
Supplies	142,005	73,520	12,199	24,667	2,250	12,776	6,428	402	121	9,642
Printing & Advertising	20,757	11,800	1,907	200	500	2,100	3,100	500	150	500
Communications	13,000	13,000					-			
Merchandise for Resale	3,000	3,000								
Repairs & Maintenance	22,500	20,000		2,500						
Contracts/Fees/Rentals	196,713	120,263	28,100	13,200	-	6,000	21,600	4,550	3,000	-
Travel	15,250	250								15,000
Dues & Subscriptions	6,045	4,650		170	400					825
Staff Development	9,500	6,500			3,000					-
Insurance	40,400					40,400				
<b>TOTAL EXPENSES</b>	<b>1,393,156</b>	<b>473,466</b>	<b>252,174</b>	<b>113,993</b>	<b>80,187</b>	<b>175,993</b>	<b>209,600</b>	<b>26,088</b>	<b>5,431</b>	<b>56,224</b>

**TITAN STUDENT CENTERS****TSC FEE REVENUE PROJECTION FY 2021-2022**

<b>CAMPUS STUDENT UNION FEE</b>	<b>SUMMER 2021</b>	<b>FALL 2021</b>	<b>SPRING 2022</b>
Projected Students	1,000	40,786	38,998
Less: Waivers	0	180	150
Budgeted Student Headcount	1,000	40,606	38,848
Non-Directed TSC Fee	\$ 60.00	\$ 151.88	\$ 151.88
Budgeted Fees Available	\$ 60,000	\$ 6,167,318	\$ 5,900,310
<b>TOTAL PROJECTED TSC FEES FOR FY 2021-2022</b>			<b>\$12,127,628</b>

TITAN STUDENT CENTERS REVENUE FUND BALANCE			
TSC	2019-2020 ACTUAL	2020-2021 ESTIMATE	2021-2022 PROPOSED
<b>REVENUE FUND (TCUOP)</b>			
PRIOR YEAR FUND BALANCE	\$ 9,937,172	\$ 9,084,659	\$ 7,165,383
FEE REVENUE	\$ 11,845,280	\$ 11,559,861	\$ 12,127,628
INTEREST INCOME - REVENUE FUND	\$ 186,144	\$ 150,000	\$ 150,000
GENERAL SERVICE/PRIOR YR ADJ	\$ 137,614		
<b>SUB-TOTAL</b>	<b>\$ 22,106,210</b>	<b>\$ 20,794,520</b>	<b>\$ 19,443,011</b>
LESS:			
ADJUSTMENTS & RETURN TO OPERATIONS	\$ 8,169,560	\$ 8,757,737	\$ 9,308,138
NET TRANSFERS TO INTEREST & REDEMPTION FUND (Bond Payment)	\$ 2,298,025	\$ 2,313,400	\$ 1,702,375
GENERAL OVERHEAD EXPENSE	\$ 53,966	\$ 58,000	\$ 58,000
TRANSFER TO UNFUNDED PENSION LIABILITY			\$ 406,602
TRANSFERS TO REPAIR & REPLACEMENT FUND (TCUMR)	\$ 2,500,000	\$ 2,500,000	\$ 500,000
TRANSFERS TO CATASTROPHIC FUND (TCUCE)	\$ -	\$ -	\$ 850,000
TRANSFERS TO ECONOMIC UNCERTAINTY FUND	\$ -	\$ -	\$ 350,000
<b>SUB-TOTAL</b>	<b>\$ 13,021,551</b>	<b>\$ 13,629,137</b>	<b>\$ 13,175,115</b>
<b>ENDING FUND BALANCE</b>	<b>\$9,084,659</b>	<b>\$7,165,383</b>	<b>\$6,267,896</b>

RESERVE FUNDS	BALANCE 06/30/2020	ESTIMATE BALANCE 06/30/2021	PROJECTED BALANCE 6/30/2022
REPAIR AND REPLACEMENT FUND (TCUMR)	\$5,317,092	\$6,617,092	\$7,117,092
CATASTROPHIC FUND (TCUCE)	\$587,780	\$587,780	\$1,437,780
ECONOMIC UNCERTAINTY FUND (NEW)	\$0	\$0	\$350,000

**TITAN STUDENT CENTERS**  
**2021-22 PROPOSED OPERATING BUDGET**

FY 19-20 ACTUAL	FY 20-21 BUDGET	FY 21-22 PROPOSED	Variance \$	Variance %
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**INCOME**

Locker Income	35,413	37,000	22,000	(15,000)	-41%
Dining Commissions	108,006	180,000	210,000	30,000	17%
Service Chargebacks	123,806	417,482	811,510	394,028	94%
Merchandise Sales	3,167	3,107	121	(2,986)	-96%
Yum	14,025	19,800	9,900	(9,900)	-50%
Class Bowling	10,430	7,392	8,400	1,008	14%
Shoe Rentals	8,360	8,400	8,000	(400)	-5%
Foosball/Shuffleboard	476	387	492	105	27%
Misc./General/See's Revenue	36,908	23,256	10,209	(13,047)	-56%
Room Rental	193,129	142,000	84,700	(57,300)	-40%
Movie Ticket Income	1,530	1,600	1,425	(175)	-11%
Equipment Rental	-	-	1,800	1,800	0%
Personnel Services Income	37,761	43,044	22,790	(20,254)	-47%
Amusement Ticket Income	14,947	15,360	13,235	(2,125)	-14%
ATM & Amazon Locker	62,406	58,000	60,432	2,432	4%
Interest Income	70,925	35,000	70,000	35,000	100%
Sports Ticket Income	449	-	-	-	0%
Registration Fees	355,710	322,000	244,570	(77,430)	-24%
Table Tennis	1,677	1,354	1,127	(227)	-17%
Billiards	15,933	17,259	17,259	-	0%
Goods	-	36	30	(6)	-17%
Ticket Stock Revenue	-	256	160	(96)	-38%
Gaming Center	1,877	1,803	1,803	-	0%
Electronic Games	4,478	2,800	2,800	-	0%
Rock Wall Classes	-	3,000	1,500	(1,500)	-50%
Games Special Events	32,024	32,560	32,000	(560)	-2%
Bowling	11,175	9,145	9,145	-	0%
<b>TOTAL INCOME</b>	<b>1,144,611</b>	<b>1,382,041</b>	<b>1,645,408</b>	<b>263,367</b>	<b>16%</b>

**TITAN STUDENT CENTERS  
2021-22 PROPOSED OPERATING BUDGET**

FY 19-20 ACTUAL	FY 20-21 BUDGET	FY 21-22 PROPOSED	Variance \$	Variance %
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**EXPENSES**

Personnel Services (Staff)	1,901,499	2,050,965	2,297,397	246,432	12%
Personnel Services (Student)	1,398,223	1,771,253	1,657,672	(113,581)	-6%
Benefits (Staff)	815,196	888,064	1,048,464	160,400	18%
Benefits (Students)	60,128	84,199	84,390	191	0%
Student Leader Awards	41,666	-	-	-	0%
Supplies	218,017	400,000	429,183	29,183	7%
Printing & Advertising	8,317	22,000	69,314	47,314	215%
Communications	27,939	42,446	46,224	3,778	9%
Merchandise for Resale	2,550	5,300	3,300	(2,000)	-38%
Repairs & Maintenance	75,647	146,142	178,167	32,025	22%
Minor Construction	58,791	175,000	162,000	(13,000)	-7%
Contract Wages	-	-	122,000	122,000	0%
Contracts/Fees/Rentals	2,348,277	2,666,822	3,981,816	1,314,994	49%
Travel	32,065	62,158	37,500	(24,658)	-40%
Vehicle Expense	1,262	2,250	2,250	-	0%
Dues & Subscriptions	8,944	12,545	14,580	2,035	16%
Staff Development	10,508	21,975	37,750	15,775	72%
Insurance	110,569	135,386	133,565	(1,821)	-1%
Utilities	463,175	600,600	500,000	(100,600)	-17%
Contingency	1,736	33,000	145,974	112,974	342%
Postal Expense	933	2,000	2,000	-	0%
<b>TOTAL EXPENSES</b>	<b>7,585,442</b>	<b>9,122,105</b>	<b>10,953,546</b>	<b>1,831,441</b>	<b>17%</b>

<b>Subsidy from Student Fees</b>	<b>(6,440,831)</b>	<b>(7,740,064)</b>	<b>(9,308,138)</b>	<b>(1,568,074)</b>	
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# TITAN STUDENT CENTERS

ADMINISTRATION

BUILDING  
ENGINEERING

TITAN STUDENT  
UNION

TITAN  
RECREATION

BOARD OF  
TRUSTEES

## INCOME

Locker Income	22,000				22,000	
Dining Commissions	210,000	210,000				
Service Chargebacks	811,510	811,135	-	375		
Merchandise Sales	121			121	-	
Yum	9,900	9,900				
Class Bowling	8,400			8,400		
Shoe Rentals	8,000			8,000		
Foosball/Shuffleboard	492			492		
Miscellaneous Revenue	10,209	-		209	10,000	
Room Rental	84,700			84,000	700	
Movie Ticket Income	1,425			1,425		
Equipment Rental	1,800				1,800	
Personnel Services Income	22,790			22,090	700	
Amusement Ticket Income	13,235			13,235		
ATM & Amazon Locker	60,432	60,432				
Interest Income	70,000	70,000				
Registration Fees	244,570				244,570	
Table Tennis	1,127			1,127		
Billiards	17,259			17,259		
Goods	30			30		
Ticket Stock Revenue	160			160		
Gaming Center	1,803			1,803		
Electronic Games	2,800			2,800		
Rock Wall Classes	1,500				1,500	
Games Special Events	32,000			32,000		
Bowling	9,145			9,145		
<b>TOTAL INCOME</b>	<b>1,645,408</b>	<b>1,161,467</b>	<b>-</b>	<b>202,671</b>	<b>281,270</b>	

## TITAN STUDENT CENTERS

ADMINISTRATION

BUILDING  
ENGINEERING

TITAN STUDENT  
UNION

TITAN  
RECREATION

BOARD OF  
TRUSTEES

### EXPENSES

Personnel Services (Staff)	2,297,397	-	-	-	-	
Personnel Services (Student)	1,657,672	179,200	85,900	523,246	869,326	
Benefits (Staff)	1,048,464	-	-	-	-	
Benefits (Student)	84,390	6,053	4,565	19,112	54,660	
Supplies	429,183	47,454	112,640	122,263	142,005	4,821
Printing & Advertising	69,314	35,250		12,807	20,757	500
Communications	46,224	16,990	5,760	9,974	13,000	500
Merchandise for Resale	3,300			300	3,000	
Repairs & Maintenance	178,167	7,000	61,152	87,515	22,500	
Minor Construction	162,000		162,000			
Contract Wages	122,000	122,000				
Contracts/Fees/Rentals	3,981,816	2,286,931	1,180,867	115,777	196,713	201,528
Travel	37,500	500	-	2,100	15,250	19,650
Vehicle Expense	2,250		2,250			
Dues & Subscriptions	14,580	7,039	500	996	6,045	
Staff Development	37,750	14,500	5,000	8,750	9,500	
Insurance	133,565	93,165			40,400	
Utilities	500,000	500,000				
Contingency	145,974	109,974		28,000		8,000
Postal Expense	2,000			2,000		
<b>TOTAL EXPENSES</b>	<b>10,953,546</b>	<b>3,426,056</b>	<b>1,620,634</b>	<b>932,840</b>	<b>1,393,156</b>	<b>234,999</b>

<b>BOARD OF TRUSTEES</b>	<b>TSC BOARD OF TRUSTEES</b>	<b>PROGRAMMING SUPPORT</b>
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**EXPENSES**

Supplies	4,821	4,821	
Printing & Advertising	500	500	
Communications	500	500	
Contracts/Fees/Rentals	201,528	1,500	200,028
Travel	19,650	19,650	
Contingency	8,000	8,000	
<b>TOTAL</b>	<b>234,999</b>	<b>34,971</b>	<b>200,028</b>

<b>ADMINISTRATION</b>	<b>GENERAL SERVICES</b>	<b>ADMINISTRATION</b>	<b>INFORMATION TECHNOLOGY</b>	<b>MARKETING</b>
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**INCOME**

Dining Commissions	210,000	210,000			
Service Chargebacks	811,135	-	149,986	263,573	397,576
Yum	9,900	9,900			
ATM & Amazon Locker	60,432	60,432			
Interest Income	70,000	70,000			
<b>TOTAL INCOME</b>	<b>1,161,467</b>	<b>350,332</b>	<b>149,986</b>	<b>263,573</b>	<b>397,576</b>

**EXPENSES**

Personnel Services (Staff)	-				
Personnel Services (Student)	179,200		-	18,700	160,500
Benefits (Staff)	-				
Benefits (Student)	6,053		-	553	5,500
Supplies	47,454		2,812	9,642	35,000
Printing & Advertising	35,250		200	50	35,000
Communications	16,990	6,980	1,200	5,900	2,910
Repairs & Maintenance	7,000			7,000	
Contract Wages	122,000			122,000	
Contracts/Fees/Rentals	2,286,931	2,122,944	-	140,392	23,595
Travel	500		250	-	250
Dues & Subscriptions	7,039		5,500	-	1,539
Staff Development	14,500		3,000	7,500	4,000
Insurance	93,165	93,165			
Utilities	500,000	500,000			
Contingency	109,974	109,974			
<b>TOTAL EXPENSES</b>	<b>3,426,056</b>	<b>2,833,063</b>	<b>12,962</b>	<b>311,737</b>	<b>268,294</b>

BUILDING ENGINEERING	GENERAL OPERATONS	KITCHEN & DINING	TSU	SRC	CHILDREN'S CENTER
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**INCOME**

Service Chargebacks	-					
<b>TOTAL INCOME</b>	-					-

**EXPENSES**

Personnel Services (Staff)	-					
Personnel Services (Student)	85,900	85,900				-
Benefits (Staff)	-					
Benefits (Student)	4,565	4,565				-
Supplies	112,640	2,089	2,089	80,340	28,122	-
Communications	5,760	5,760				
Repairs & Maintenance	61,152		3,000	28,152	30,000	-
Minor Construction	162,000			102,000	60,000	-
Contracts/Fees/Rentals	1,180,867	4,020	47,100	741,215	388,532	-
Travel	-					
Vehicle Expense	2,250	2,250				
Dues & Subscriptions	500	500				
Staff Development	5,000	5,000				
<b>TOTAL EXPENSES</b>	<b>1,620,634</b>	<b>110,084</b>	<b>52,189</b>	<b>951,707</b>	<b>506,654</b>	-

<b>TITAN STUDENT UNION</b>	<b>UCC</b>	<b>TITAN BOWL &amp; BILLIARDS</b>	<b>ART &amp; EXHIBITS</b>	<b>EMERGENCY PREPARATION</b>	<b>INFORMATION &amp; SERVICES</b>	<b>TSU OPERATIONS</b>	<b>FOOD PANTRY</b>
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**INCOME**

Service Chargebacks	375	375				-	
Merchandise Sales	121		121				
Class Bowling	8,400		8,400				
Shoe Rentals	8,000		8,000				
Foosball/Shuffleboard	492		492				
Miscellaneous Revenue	209				34	175	
Room Rentals	84,000	84,000					
Movie Ticket Income	1,425				1,425		
Equipment Rental	-						
Personnel Services Income	22,090		5,320		600	16,170	
Amusement Ticket Income	13,235				13,235		
Table Tennis	1,127		1,127				
Billiards	17,259		17,259				
Goods	30				30		
Ticket Stock Revenue	160				160		
Gaming Center	1,803		1,803				
Electronic Games	2,800		2,800				
Games Special Events	32,000		32,000				
Bowling	9,145		9,145				
<b>TOTAL INCOME</b>	<b>202,671</b>	<b>84,375</b>	<b>86,467</b>		<b>15,484</b>	<b>16,345</b>	

<b>TITAN STUDENT UNION</b>	<b>UCC</b>	<b>TITAN BOWL &amp; BILLIARDS</b>	<b>ART &amp; EXHIBITS</b>	<b>EMERGENCY PREPARATION</b>	<b>INFORMATION &amp; SERVICES</b>	<b>TSU OPERATIONS</b>	<b>FOOD PANTRY</b>
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**EXPENSES**

Personnel Services (Staff)	-							
Personnel Services (Student)	523,246	35,331	66,783	31,587		97,283	267,826	24,436
Benefits (Staff)	-							
Benefits (Student)	19,112	1,603	2,952	1,000		2,608	10,049	900
Supplies	122,263	1,836	25,566	7,312	1,848	4,118	78,369	3,214
Printing & Advertising	12,807	777	4,000	1,200		1,580	250	5,000
Communications	9,974	1,881	1,577	360		2,989	3,167	
Merchandise for Resale	300		300					
Repairs & Maintenance	87,515		28,600	2,075		300	56,540	
Contracts/Fees/Rentals	115,777	24,724	8,603	2,900	4,920	24,649	25,631	24,350
Travel	2,100	250	-			100	750	1,000
Dues & Subscriptions	996		146				850	
Staff Development	8,750	1,300	1,180	200		400	5,670	
Contingency	28,000						28,000	
Postal Expense	2,000					2,000		
<b>TOTAL EXPENSES</b>	<b>932,840</b>	<b>67,702</b>	<b>139,707</b>	<b>46,634</b>	<b>6,768</b>	<b>136,027</b>	<b>477,102</b>	<b>58,900</b>

<b>TITAN RECREATION</b>	<b>TITAN REC GENERAL OPERATIONS</b>	<b>FITNESS PROGRAMS</b>	<b>AQUATICS</b>	<b>ROCK WALL</b>	<b>INTRAMURAL SPORTS</b>	<b>TITAN YOUTH SPORTS CAMP</b>	<b>LEARN TO SWIM</b>	<b>RED CROSS TRAINING</b>	<b>OUTDOOR ADVENTURE</b>
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**INCOME**

Locker Income	22,000	22,000								
Service Chargebacks	-									
Merchandise Sales	-	-				-				
Miscellaneous Revenue	10,000	10,000								
Room Rental	700	700								
Equipment Rental	1,800									1,800
Personnel Services	700	700								
Registration Fees	244,570	70,000	32,100		1,200	10,030	73,700	35,840	9,700	12,000
Rock Wall Classes	1,500				1,500					
<b>TOTAL INCOME</b>	<b>281,270</b>	<b>103,400</b>	<b>32,100</b>	<b>-</b>	<b>2,700</b>	<b>10,030</b>	<b>73,700</b>	<b>35,840</b>	<b>9,700</b>	<b>13,800</b>





<b>TITAN RECREATION</b>	<b>TITAN REC GENERAL OPERATIONS</b>	<b>FITNESS PROGRAMS</b>	<b>AQUATICS</b>	<b>ROCK WALL</b>	<b>INTRAMURAL SPORTS</b>	<b>TITAN YOUTH SPORTS CAMP</b>	<b>LEARN TO SWIM</b>	<b>RED CROSS TRAINING</b>	<b>OUTDOOR ADVENTURE</b>
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**EXPENSES**

Personnel Services (Staff)	-									
Personnel Services (Student)	869,326	208,375	199,157	69,165	69,069	112,350	163,200	18,900	2,000	27,110
Benefits (Staff)	-									
Benefits (Student)	54,660	12,108	10,811	4,091	4,968	2,367	15,272	1,736	160	3,147
Supplies	142,005	73,520	12,199	24,667	2,250	12,776	6,428	402	121	9,642
Printing & Advertising	20,757	11,800	1,907	200	500	2,100	3,100	500	150	500
Communications	13,000	13,000					-			
Merchandise for Resale	3,000	3,000								
Repairs & Maintenance	22,500	20,000		2,500						
Contracts/Fees/Rentals	196,713	120,263	28,100	13,200	-	6,000	21,600	4,550	3,000	-
Travel	15,250	250								15,000
Dues & Subscriptions	6,045	4,650		170	400					825
Staff Development	9,500	6,500			3,000					-
Insurance	40,400					40,400				
<b>TOTAL EXPENSES</b>	<b>1,393,156</b>	<b>473,466</b>	<b>252,174</b>	<b>113,993</b>	<b>80,187</b>	<b>175,993</b>	<b>209,600</b>	<b>26,088</b>	<b>5,431</b>	<b>56,224</b>

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Applicant Name *	Isaiah Bernal
Applicant Address *	
Primary Phone Number *	
Secondary Phone Number	
Applicant Email Address *	
Applicant CWID *	
CSUF Major *	Psychology
CSUF Class Level *	Senior
Expected CSUF Graduation Date (MM/YY) *	05/2021

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What do you believe is the role of ASI on our campus and how does that role relate to this position? *	I believe that our elected leaders of ASI are the voice of us, the students. They represent us, the students. And as a Titan Student Centers Board of Trustees candidate I hope to fill this position to broaden my experience so that I can serve my campus and most importantly serve my peers.
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Why are you applying to the Titan Student Centers Board of Trustees? What do you hope to accomplish and/or get out of the experience? *	I expect to learn and grow from this experience. As a proud Titan who came to this campus as a transfer student I made it my mission to make CSUF my home by getting involved as much as I could in extracurricular activities in order to make my campus a better place and contribute to my campus. I am applying to this position because I want to continue to serve my campus and remain rooted and connected with my campus and ultimately serve my Titan family!
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Are you available from 1:30pm–4:30pm on Wednesdays from when you are appointed until the end of the term *	Yes
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Please state any other information that you believe should be considered in this application. \*

My first semester at CSUF I immediately embraced what it means to be a TITAN! I got involved in student organizations and executive board positions by sitting on an inter-club council representative position for the council of H&SS. It is my second year at CSUF and I remain committed to being involved with my campus and filling my life moments by creating that Titan experience. I am involved in multiple student organizations on campus. I share this to say that serving my campus as well as serving and representing my peers is something that I am passionate about. I thank you committee for considering my application!

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Please upload your resume in PDF format. If you need help learning how to save a file as PDF visit <http://www.adobe.com/products/acrobat/print-to-pdf.html> \*

 [official resume 126.pdf](#)  
141.81 KB · PDF

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Associated Students, CSUF, Inc.  
California State University, Fullerton  
Voluntary Authorization for Educational Record  
Disclosure

- I hereby acknowledge that I have read, understand, and agree to the preceding statement.

A. University Policy

University policy prohibits the release of personally identifiable information from the educational records of students without their prior written authorization. Exceptions to this policy include: a) release of such information to a specified list of officials with legitimate educational interest in the record, b) the release of such information in response to a court order, health or safety emergency, or approved research project, or c) the release of public directory information which has not been previously restricted by the student.

B. Associated Students, CSUF, Inc. Authorization

I authorize Associated Students, CSUF, Inc. to access my academic transcript/record to verify my eligibility for its programs and/or positions. I understand that the information accessed may include, but not be limited to, semester and/or overall/cumulative/CSUF grade point averages, unit totals, number of semesters completed, and/or conduct/disciplinary records.

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Digital Signature of Authorization and  
Certification of Application  
Enter Your Name \*

Isaiah Bernal

Enter Your CWID \*

Wednesday, December 9, 2020

Date \*

Created  
9 Dec 2020  
9:55:29 PM  
PUBLIC

76.175.222.40  
IP Address

# ISAIAH BERNAL

## EDUCATION

California State University, Fullerton, CA  
B.A. Psychology  
Minor, Marketing

May 2021

Citrus Community College | Azusa, CA  
A.A. Psychology & Sociology

June 2019

## RESEARCH EXPERIENCE

*Lead Researcher* | Effects of SES on Impulsive Buying | California State University, Fullerton. August 2020 - Present

- Conducted research on effects of socioeconomic status on consumer behavior in order to create a positive experience for both consumer and organization
- Generated literature reviews of consumer behavior to identify what information has already been found and additional ways where research could be conducted

## WORK EXPERIENCE

*Mentor* | Department of Juvenile Justice - Project Rebound | California State University, Fullerton January 2020 - Present

- Encourage incarcerated youth through workshop presentations by addressing former experiences and question/answer opportunities to encourage mentorship
- Evaluate youth goals by building relationships
- Provide a comprehensive roadmap for youth to reach by informing and lending support
- Strategize and apply positive outcomes with youth by engaging with their wants and needs

*Enrollment Assistant* | Project Rebound - California State University, Fullerton August 2019 - Present

- Recruit students on and off campus by identifying and informing students through tabling, hosting workshops, and visiting outside facilities in order to increase enrollment
- Utilize social media platforms to enhance and increase awareness to potential members and local communities

## AWARDS & AFFILIATIONS

*Social Media Coordinator* | Rebound Scholars | CSUF 2020 - Present

*Social Media Committee* | American Marketing Association | CSUF 2020 - Present

*Inter-club council Representative* | Latinx Student Psychological Association | CSUF August 2019 - December 2019

*General Member* | Latino/a Business Student Association | CSUF August 2019 - May 2020

*President's List* | Citrus Community College | Azusa, CA May 2019

*Dean's List* | Citrus Community College | Azusa, CA December 2019

*Member & Volunteer* | Anti-Recidivism Coalition | Los Angeles, CA January 2018 - March 2020

## CERTIFICATIONS

- Google Ads (AdWords) Essential Training
- Google Analytics Essential Training
- Marketing Foundations: Consumer Behavior
- WordPress.com Essential Training
- SEO Foundations
- Marketing Customer Analytics, Segmentation & Targeting
- Complete IBM COGNOS Analytics 11 Cloud Training Course
- Dialectical Behavior Therapy group
- Cognitive Behavior Therapy group
- Emotional Regulation group
- Stress Management group
- Anger Management group

## VOLUNTEERISM

*Youth Mentor* | Just Us 4 Youth | Pomona, CA July 2020 - Present

*Enrollment Assistant* | Project Rebound | Cal Poly Pomona August 2018 - May 2019

*Youth Mentor* | Youth of Promise Flintridge Center | Pasadena, CA August 2018 - December 2018

*Volunteer* | Autism Speake Walk | Pasadena, CA April 2018 - April 2018

*Crossing Guard* | Megan's Wings 5K | Upland, CA September 2017 - September 2017

Applicant Name \* Ernesto Martinez

Applicant Address \*



Primary Phone Number \*



Secondary Phone Number

Applicant Email Address \*



Applicant CWID \*



CSUF Major \*

Business Administration & Management

CSUF Class Level \*

Junior

Expected CSUF Graduation Date (MM/YY) \*

05/22

What do you believe is the role of ASI on our campus and how does that role relate to this position? \*

ASI is the collective voice for students on campus to make crucial decisions that impact all students ranging from social, cultural, and economical. While faculty is in charge of running the school as a whole, ASI allows a bridge between what goes on behind the scenes to that of student desires. The Board of Trustees oversees any changes being made to the student recreational center and the Titan student union. Their goal is to ensure that the new changes will align with what students hope to see. The costs related to these changes affects a budget, therefore, the benefits must outweigh the costs in the eyes of the students. It is important for students to fill this role because it allows for direct communication with students and the general student body is more likely to engage with other students rather than faculty they may not have met. The Board of Trustees allows the right amount of student touch in facilities that carry a heavy impact on the day-to-day quality of student life on campus.

Why are you applying to the Titan Student Centers Board of Trustees? What do you hope to accomplish and/or get out of the experience? \*

Our cultures, age demographics, and fields of study are ever-changing and always increasing in variation. As a Trustee, my main two goals will be increasing engagement with our community and creating policies to ensure every student and faculty member feels accommodated. The best way to de-stress and socialize on campus is working out at the Student Recreation Center or grabbing a bite at the Titan Student Union. This is why it is crucial that we have the best students on campus leading the approval of policy changes for the SRC and TSU that work for everyone. As someone who enjoys connecting with his community, and an avid user of both facilities, I will make it my top priorities to reach out to individuals from every background and get the most feedback possible in order to improve these facilities and better unify our campus. My plan of action for outreach is to utilize online media, polls, and communicating with my fellow board of trustees on a routine-basis to minimize individuals not being accommodated. Lastly, I want to lead with integrity and transparency. I feel that some students may be feeling ignored by the school and our community, and I want to make it clear to those students that their voice will be heard with our board. It's important that students understand they do have a say in their community in order to build their confidence and better unite all of us. From student to faculty alike, I will make it my responsibility to engage and make a better community for all of us.

Are you available from 1:30pm–4:30pm on Wednesdays from when you are appointed until the end of the term \* Yes

Please state any other information that you believe should be considered in this application. \*

I'm someone always looking for ways to become involved and give back within my community. I volunteer my time with after school programs in low-income communities, I'm a board member in Center for Leadership, writing consultant for Titan Talks, and as well as a student in Business Honors. I'm proactive not only with my community, but as well as myself. In my free time I enjoy reading personal-success books, working out, and going on morning runs with my pet husky. I love my school and all it has to offer, and will be committed in doing my absolute best knowing it will directly affect thousands of other students. I'm looking forward to working with a team of high-driven individuals and making this campus run more smoothly together.

Please upload your resume in PDF format. If you need help learning how to save a file as PDF visit <http://www.adobe.com/products/acrobat/print-to-pdf.html> \*



[resume2020.pdf](#)

81.36 KB · PDF

Associated Students, CSUF, Inc.  
California State University, Fullerton  
Voluntary Authorization for Educational Record  
Disclosure

- I hereby acknowledge that I have read, understand, and agree to the preceding statement.

#### A. University Policy

University policy prohibits the release of personally identifiable information from the educational records of students without their prior written authorization. Exceptions to this policy include: a) release of such information to a specified list of officials with legitimate educational interest in the record, b) the release of such information in response to a court order, health or safety emergency, or approved research project, or c) the release of public directory information which has not been previously restricted by the student.

#### B. Associated Students, CSUF, Inc. Authorization

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I understand the purpose of this disclosure is to ensure that I meet the minimum requirements established by the university and the ASI. I understand that this authorization will remain in effect as long as I remain involved with a position or program of the ASI and/or do not submit a revocation of this authorization to ASI Leader and Program Development. \*

Digital Signature of Authorization and  
Certification of Application  
Enter Your Name \*

Ernesto Martinez

Enter Your CWID \*



# Ernesto Martinez



## EDUCATION

**Cal State University Fullerton**, Fullerton, CA — *Class of 2022*

Bachelor of Arts in Business Administration: *Operations and Supply Chain Management*

## COURSEWORK

**Business Management**, Fullerton, CA

Fall 2020

**Business Analytics**, Fullerton, CA

Spring 2020

**Oral Communication**, Fullerton, CA

Spring 2019

## EXPERIENCE

**People Helping People - PHP**, Santa Ana — *Business Partner*

September 2018 - March 2020

- Analyzed families matching appropriate policies to best meet individual needs
- Collaborate with small/large teams
- Resolve customer concerns

**Keller Williams Real Estate**, Fashion Island — *Intern*

January 2017 - May 2017

- Interned in Keller Williams Real Estate firm: 40 hours
- Focus on business etiquette and work structure

**ATAP**, Village Heights — *ATAP Leader*

May 5th, 2017 - March 2020

- Volunteered with after school program for low-income students
- Managed educational and recreational activities

## SKILLS

Fluent in Spanish

Microsoft Excel

Public Speaking

Sales

## ACADEMIC PROGRAMS

**Ted Talks**, Fullerton —

*Writing Consultant*

- Reconstruct participant written speeches
- Create email templates for outreach and recruitment
- Collaborate in team meetings

**Center for Leadership**,

Fullerton — *Social*

*Coordinator*




- Facilitate team meetings of about fifteen members
- Coordinate social events
- Utilize organizational skills in spreadsheets

**Latino Business Student Association**, Fullerton —

*Member*

- Attend educational meetings
- Network with business students

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Applicant Name *	Vivian Yenson
Applicant Address *	
Primary Phone Number *	
Secondary Phone Number	
Applicant Email Address *	
Applicant CWID *	
CSUF Major *	Business Administration
CSUF Class Level *	3rd
Expected CSUF Graduation Date (MM/YY) *	05/22

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What do you believe is the role of ASI on our campus and how does that role relate to this position? \*

ASI's purpose is to serve all the CSUF students on campus, giving them the right resources to succeed in their collegiate careers and have the best possible experience during their time at CSUF. So within ASI, there's the staff and the student government, and the Board of Trustees is a branch of that student government. With the Board of Directors representing each college, Board of Trustees represents ALL students of CSUF, overseeing TSC Operations and Facilities. With these committees, Board of Trustees is able to make changes to on-campus facilities like the TSU or SRC and approve the budgets/projects such as the Food Pantry. With these duties, the Board of Trustees has the ability to make the appropriate changes (within reason) to help benefit the students at CSUF.

Why are you applying to the Titan Student Centers Board of Trustees? What do you hope to accomplish and/or get out of the experience? \*

This past semester, I had the opportunity to be the student representative on the Dean Search Committee for my college. After interviewing candidates and being a part of the hiring discussion, it showed me the impact of my voice as a representative for CBE and how I could use it to speak up for other students. I was interested in applying for Board of Trustees because this would give me a chance to impact the entire university overall. I've been involved throughout my undergraduate career with my business fraternity (Delta Sigma Pi), Business Honors, Center for Leadership, and the Business Inter-Club Council Executive Board (as Vice President of Programs), so mainly within CBE. However, I've always wanted to be involved with ASI, specifically Board of Trustees, to see more of the overall campus operations and facilities. Although we're not back on campus yet, I think this semester gives us the opportunity to make the right preparations for if we do go back in-person in the fall and ensuring that the right safety precautions are in place.

Are you available from 1:30pm–4:30pm on Wednesdays from when you are appointed until the end of the term? \*

Yes

Please state any other information that you believe should be considered in this application. \*

With my broad outreach within Delta Sigma Pi, Business Honors, the Business Inter-club Council, and even my different classes, I hope that I'll be able to be a voice for the students and help bring the necessary changes that I'll benefit all the students in the University. Through the positions I've held during my undergraduate career, I've had experience leading teams and working with people of all different backgrounds. I'd like to say I'm someone who takes initiative, even by



reaching out to apply for Board of Trustees when I saw an opening on the ASI website. Even though we only have a few months left of the school year, I hope I can be a valuable asset to Board of Trustees if selected.

Please upload your resume in PDF format. If you need help learning how to save a file as PDF visit <http://www.adobe.com/products/acrobat/print-to-pdf.html> \*



[vivian\\_yenson\\_resume.pdf](#)

96.85 KB · PDF

Associated Students, CSUF, Inc.  
California State University, Fullerton  
Voluntary Authorization for Educational Record Disclosure

- I hereby acknowledge that I have read, understand, and agree to the preceding statement.

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Digital Signature of Authorization and Certification of Application  
Enter Your Name \*

Vivian Yenson

Enter Your CWID \*



Date \*

Monday, February 22, 2021

Created  
22 Feb 2021

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IP Address

PUBLIC

# Vivian Yenson

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## Education:

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### California State University, Fullerton

Bachelor of Arts in Business Administration

Concentrations in Finance & Operations/Supply Chain Management

Honors & Awards: Dean's List, Business/University Honors, Center for Leadership Scholarship Recipient

Expected Graduation Date: May 2022

Cumulative GPA: 3.78

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## Work Experience:

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### West Lake Food Corporation

June 2020- Present

*Project Manager*

- Handle new product launches, coordinating with an internal marketing team to execute a strategic plan
- Manage inventory to sustain weekly production of goods and working with vendors to coordinate shipping
- Overseeing different branches of the company, including acting Controller of company's financials

### Riddle & Bloom

August 2020- Present

*Amazon Prime Student Campus Manager*

- Promote Prime Student by organizing events and hosting engaging activities at on-campus events/virtually
- Create and publish creative Prime Student content on my personal account for over 1k followers
- Coordinate with fellow Ambassadors and Account Manager on a weekly basis
- Organize detailed events with submitted reports to Riddle & Bloom on all promotional activities

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## Leadership Experience:

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### CSUF Business Inter-club Council (BICC)

Academic School Year: 2020-21

*Vice President of Programs*

- Direct the Council's events for the College of Business and Economics: Meet the Dean, Business Madness, Council Retreats, End of Year Banquet
- Empower and work in partnership with the BICC representatives in coordinating and implementing BICC events
- Work closely with outside vendors and school administrators to execute events
- Plan and execute community service events with various nonprofit organizations

### Delta Sigma Pi- Lambda Sigma Chapter

*Senior Vice President*

May - December 2020

- Adapted a virtual recruitment with a \$1k budget in accordance with COVID safety procedures
- Design a creative brand and strategic marketing plan, recruiting 75 prospective candidates
- Oversee and maintain communication with seven Directors to ensure completion of duties
- Manage and approve Requests of Absences per Fraternity's policies and bylaws

*Vice President of Scholarship & Awards*

December 2019 - May 2020

- Fostered scholastic achievement in the chapter through promotion of scholarships and grade recognition
- Designed and coordinated 26 custom stoles and cords for graduating seniors
- Allocated a \$1.8k budget towards planning a seniors' recognition event and providing study resources for brothers
- Organized application process on behalf of the chapter, and received recognition for Outstanding Collegiate Chapter, Financial Operations, and Professional Activities within the International Fraternity

*Additional Positions:* VP of Community Service, VP of Professional Activities, Assistant Pledge Educator

Recognition: Lambda Sigma Scholarship Recipient (Fall 2019), Brother of the Month (October 2019)

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## Skills

- 
- Fluent in Vietnamese, Intermediate-level Spanish, Beginner-level Chinese
  - Typing 75 wpm with 90% accuracy
  - Proficient in QuickBooks, Microsoft Tools (including Excel), Google Drive