REFER TO BLEACHER MFR DRAWINGS FOR EXTENT OF BLEACHER WORK.

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT ACCESSIBILITY PROVISIONS. EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.

EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.

CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR ERECTION EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.

CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

SITE PLAN - NEW
SCALE: 1" = 40'-0"

SITE KEYNOTES

NEW SITE KEYNOTES

GENERAL SHEET NOTES

A. CONTRACTI? TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR ERECTION EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.

B. CONSTRUCTION SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

C. ACCORDING TO THE SDIA (#02) - SEE SDIA #02 FOR ADDITIONAL INFORMATION.

D. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

E. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

F. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

G. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

H. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

I. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

J. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

K. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

L. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

M. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

N. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

O. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

P. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

Q. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

R. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

S. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

T. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

U. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

V. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

W. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

X. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

Y. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.

Z. CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
GENERAL SHEET NOTES
1. Construction drawings shall all be placed in a format set forth herein, with any BuenoRex or other similar marking or other alterations to be noted. All other alterations to the original drawings shall be noted.
2. Construction drawings shall be transmitted electronically and shall be signed and sealed.
3. All construction documents shall be reviewed by the project manager prior to issuance.

DEMOLITION PLAN KEYNOTES
1. All existing structures shall be demolished per this plan. Any exceptions shall be noted.
2. All existing structures shall be demolished per this plan. Any exceptions shall be noted.
3. All existing structures shall be demolished per this plan. Any exceptions shall be noted.

GRAPHIC KEY
- Existing conditions
- New construction
- Property lines
- Existing fire hydrants
- Existing utility lines

CAMPUS MAP

SOLANO COMMUNITY COLLEGE
STEELJet
RISK INSURANCE

A2.01
2019028

DATE
12-03-19

DEMO PLAN - SOCCER FIELD
# SOLANO COMMUNITY COLLEGE
## BASEBALL, TRACK, SOCCER
### FAIRFIELD, CALIFORNIA

<table>
<thead>
<tr>
<th>SHEET TITLE</th>
<th>SHEET NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER SHEET</td>
<td>B1</td>
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<tr>
<td>GENERAL NOTES</td>
<td>B2</td>
</tr>
<tr>
<td>SIDE VIEW</td>
<td>B3</td>
</tr>
<tr>
<td>SEATING/CONCRETE LAYOUT</td>
<td>B4</td>
</tr>
<tr>
<td>CROSSBRACE/PLANK LAYOUT</td>
<td>B5</td>
</tr>
<tr>
<td>ANGLE FAB/GUARDRAIL DETAILS</td>
<td>B6</td>
</tr>
<tr>
<td>ALUM. PLANK/INSTALLATION DETAILS</td>
<td>B7</td>
</tr>
</tbody>
</table>

**GENERAL INFORMATION**
- **RISE:** 8
- **TREAD:** 24
- **ROWS:** 10
- **LENGTH:** (2) @ 27'-0"
- **SEAT COUNT:** 136 EA. UNIT
- **DATE:** 11-22-19

**SUBMITTAL SET**
- **NOT FOR CONSTRUCTION**

**SOLOANO COMMUNITY COLLEGE**
- **BASEBALL, TRACK, SOCCER**
- **FAIRFIELD, CALIFORNIA**
- **Established 1946**

**SOUTHERN BLEACHER COMPANY**
- **GRANDSTANDS • BLEACHERS • STADIUMS**
- **PO Box One, Graham, Texas 76450**
- **Phone: 940/549-0733**  **Fax: 940/549-1365**

**AISC CERTIFIED FABRICATOR**

**19364**

**12/02/19**
**CONCRETE ANCHOR**

1. Anchor diameters refer to the threads size for the anchor and chuck.
2. The anchor chuck size must be equal to or larger than the anchor.
3. Anchor chuck size must be equal to or larger than the anchor.

**STYRELL STEEL**


2. Non-shrink Grout: ASTM C-1107, 7,000 psi (non-metallic)

3. Bleachers (Includes Girders): 8 psf

4. Footboards: 100 psf

5. Live Loads: 100 psf

6. Sway (perpendicular): 24 plf

7. Adjacent live loads: 100 psf

8. Seismic - Short period:
   - Site classification: Ss = 2.127 g
   - Adjustable spectral response: = 1.25
   - Site class: C
   - Design spectral response: = 1.418 g (2/3 Ss)
   - Adjusted spectral response: = 1.128 g (2/3 Ss)
   - Acceleration proportions:
     - V = p Cs W = 1.418 W (1.0E strength)
     - p L W = 1.418 W (1.0E longitudinal)

9. Special Inspections:
   - Design and shop welding: CBC 1705A.2
   - Rebars installed in concrete: CBC 1705A.3
   - Reinforcing steel: During placing of reinforcing steel for all continuous splices.

10. Site conditions:
    - Site coefficient: Fa = 1.000
    - Minimum lap splices for continuous reinforcement: Per the schedule provided.

**Tie and Stirrup Details**

- Standard: ASTM A6
- Bleacher: ASTM A529, Fy = 50 ksi (Gr 50)
- Planking: Alloy 6063-T6 (Fy = 25 ksi)

**Tension Test**

- The applicable test torque must be reached within the following limits:
  - Dead loads: ASTM A36 or ASTM A307 Gr. 2 Fy=36 ksi (Hot Dip Galvanized)
  - Live loads: 100 psf
  - Adjacent live loads: 100 psf

**Spectral Response**

- Building and shop welding: CBC 1705A.2
- Rebars placed in concrete: CBC 1705A.3
- Reinforcing steel: During placing of reinforcing steel for all continuous splices.

**Special Inspections**

- Design and shop welding: CBC 1705A.2
- Rebars installed in concrete: CBC 1705A.3
- Reinforcing steel: During placing of reinforcing steel for all continuous splices.

**Reports**

- Reports: Prepared by the special inspector and signed by a civil engineer. Submitted to the architect, engineer, IOR and the DSA (CBC 1704A.2).

**Spectral Response Requirements**

- Building and shop welding: CBC 1705A.2
- Rebars placed in concrete: CBC 1705A.3
- Reinforcing steel: During placing of reinforcing steel for all continuous splices.

**Site Coefficient**

- Site classification: Ss = 2.127 g
- Design spectral response: = 1.418 g (2/3 Ss)
- Adjusted spectral response: = 1.128 g (2/3 Ss)
- Acceleration proportions:
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  - p L W = 1.418 W (1.0E longitudinal)

**Notes**

- Standard: ASTM A6
- Bleacher: ASTM A529, Fy = 50 ksi (Gr 50)
- Planking: Alloy 6063-T6 (Fy = 25 ksi)

**Structural Steel**

1. Codes and specs for structural steel, building manual of steel, construction handbook (structural engineering code) and S 1.1 and S 1.2: AISC manual of steel engineering (manual of steel engineering)

2. Tension: Values given shall be compatible with axial loads and the shear in accordance with the code.

3. Load: Values given shall be compatible with axial loads.

4. Load: Values given shall be compatible with axial loads.

5. Material:
   - Structural steel
   - Structural steel
   - Structural steel

6. Code:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AISC</td>
<td>Specification for structural steel for buildings</td>
</tr>
<tr>
<td>Manual of steel engineering</td>
<td>(manual of steel engineering)</td>
</tr>
</tbody>
</table>

**Tables**

<table>
<thead>
<tr>
<th>Table 1: Anchor Torque Values</th>
<th>Table 2: Structural Steel Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anchor Diameter</td>
<td>Tension Test Load (FT-LBS.)</td>
</tr>
<tr>
<td>1 in.</td>
<td>50</td>
</tr>
<tr>
<td>3/4 in.</td>
<td>75</td>
</tr>
<tr>
<td>1 in.</td>
<td>100</td>
</tr>
<tr>
<td>1 1/2 in.</td>
<td>150</td>
</tr>
<tr>
<td>2 in.</td>
<td>200</td>
</tr>
</tbody>
</table>
Angle frame units must be anchored to resist wind loads, as prescribed by building code.

Concrete layout - 10 row

Seating layout - 10 row

Concrete slab detail

Note: 1. Concrete slab dimensions listed are minimum requirements for angle frame bleacher installation.
2. Concrete slab on grade to be level. Bleachers are designed for installation on uniform, level surface.
3. All concrete work is by others and not by bleacher manufacturer.

Concrete slab dimensions listed are minimum requirements for angle frame bleacher installation.

2 - total units required
(1) - unit baseball
(1) - unit soccer

Seating layout - 10 row

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**PLANK LEGEND 19-ROWS**

- **SEATS 1-10**: 1-2 X 10 ANODIZED ALUMINUM SEAT
- **TREADS 3-10, RISERS 2-10**: 2-2 X 11 MILL ALUMINUM TREADS
- **RISERS 1-9**: 1-1 X 6 1/2 ANODIZED ALUMINUM FLAT RISER
- **RISER 10**: 2-1 X 6 1/2 ANODIZED ALUMINUM FLAT RISERS
- **SEATS 3-9**: 1-2 X 10 ANODIZED ALUMINUM SEAT
- **TREAD 2, RISER 1**: 1-2 X 10 ANODIZED ALUMINUM SEAT
- **TREADS 3-10, RISERS 2-10**: 2-2 X 11 MILL ALUMINUM TREADS

---

**CROSSBRACE LAYOUT**

1. **FRAMES (TYP)**
   - OUTLINE OF STAND
   - CROSSBRACES (TYP)
   - ROW - 1
   - ROW - 2
   - ROW - 3
   - ROW - 4
   - ROW - 5
   - ROW - 6
   - ROW - 7
   - ROW - 8
   - ROW - 9
   - ROW - 10
   - TREAD CONNECTORS (TYP)

2. **PLANK LAYOUT**
   - OUTLINE OF STAND
   - 1-2 ROW FRAME TYP.

---

**CROSSBRACE INSTALLATION**

1. **FRAMES WITH THE FRONTS ALIGNED, THE FRAMES SHOULD BE ON LEVEL GROUND AND APPROXIMATELY 6 FT. APART.**
   - VERTICAL RISER:
     - GALV. 1-3/8 X 1-3/8 X 1/8 (TYP. ALL ROWS)
   - TREAD ANGLE:
     - GALV. 1-1/2 X 1-1/2 X 3/16 (TYP. ALL ROWS)

2. **START INSTALLING THE FRAMES AND INSTALLING THE CROSSBRACES USING 3/8" X 1 1/4" CAP SCREW FOR ALL CONNECTIONS.**

3. **NOTE: COPE AT END OF CROSSBRACE ANGLE VARIES, DEPENDENT ON ELEVATION & BAY WIDTH. COPE LENGTH IS 3 1/2" MIN. & 5" MAX.**

---

**PLANT COMPANY**

Established 1946

Fax: 940/549-1365

801 Fifth Street.
PO Box One, Graham, Texas 76450

Phone: 940/549-0733

GRANDSTANDS BLEACHERS STADIUMS

www.taylorsyfan.com

S&S
12/02/19

CENTRAL COAST

CENTRAL COAST

Toll: Phone: Fax:
(800) 579-3881 (626) 793-7439 (626) 793-7438

553 S. Oak Knoll Ave. Pasadena, CA 91101

3/8" x 1 1/4" Grade 5 BOLT

2 X 2 X 3/16 GALV. STEEL HORIZ. (TYP)

1/2 X 1 1/4" BOLT

NOTE: FLAT FACES OF ALL ANGLE CROSSBRACES TOUCHING.