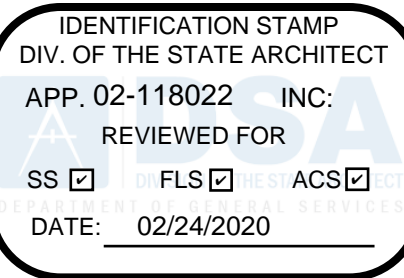


# SOLANO COMMUNITY COLLEGE BASEBALL & SOCCER BLEACHER REPLACEMENT PROJECT

4000 SUISUN VALLEY RD, FAIRFIELD, CA 94534

## SOLANO COUNTY COMMUNITY COLLEGE DISTRICT CONSTRUCTION DOCUMENTS



aedis  
architects

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PROJECT  
SOLANO  
COMMUNITY  
COLLEGE  
BASEBALL &  
SOCCER  
BLEACHER  
REPLACEMENT  
PROJECT  
  
SOLANO COUNTY  
COMMUNITY COLLEGE  
DISTRICT  
  
CONSULTANT

DSA FILE NUMBER 48-C1  
DSA APPLICATION NUMBER 02-118022

ABBREVIATIONS			
A	AND	LAB	LABORATORY
@	AT	LAM	LAMINATE
A.B.	ABOVE	LAV	LAVATORY
ABV.	ABOVE	LKR	LOCKER
A.C.	ACRYLIC CONCRETE	LT.	LIGHT
ADJ.	ADJUSTABLE	MAX.	MAXIMUM
A.F.F.	ABOVE FINISHED FLOOR	M.S.	MACHINE BOLT
ALUM.	ALUMINUM	MECH.	MECHANICAL
AP	ACCESS PANEL	MFR.	MANUFACTURER
APPROX.	APPROXIMATELY	M.H.	MANHOLE
ARCH.	ARCHITECT	MIR.	MIRROR
BD.	BOARD	MISC.	MISCELLANEOUS
BLDG.	BUILDING	M.O.	MASONRY OPENING
BLKG.	BLOCKING	M.S.	MACHINE SCREW
BM	BEAM	MTD.	MOUNTED
B.M.	BENCH MARK	MTL.	METAL
BOT.	BOTTOM	MUL.	MULLION
B.TWN.	BETWEEN	(N)	NEW
B.W.	BOTH WAYS	N.I.C.	NOT IN CONTRACT
C.B.	CATCH BASIN	N.O. or #	NUMBER
C.C. or O.C.	CENTER TO CENTER	NOM.	NOMINAL
CEM.	CEMENT	N.T.S.	NOT TO SCALE
CER. TILE	CERAMIC TILE	OBS.	OBSCURE
C.G.	CORNER GUARD	O.C.	ON CENTER
C.I.	CAST IRON	OCC.	OCCUPANCY
C.J.	CONTROL JOINT	O.D.	OVERFLOW DRAIN and/or OUTSIDE DIAMETER
CLG.	CEILING	O.F.O.S.	OUTSIDE FACE OF STUD
CLKG.	CAULKING	O.F.C.I.	OWNER FURNISHED and CONTRACTOR INSTALLED
CLR.	CLEAR	O.H.	OPPOSITE HAND
CMU	CONCRETE MASONRY UNIT	OPNG.	OPENING
CNTR.	COUNTER	OPP.	OPPOSITE
C.O.	CLEANOUT	P.A.F.	POWDER ACTUATED FASTENER
COL.	COLUMN	PL.	PLATE
CONC.	CONCRETE	P.L.	PROPERTY LINE
CONST.	CONSTRUCTION	PLAS.	PLASTIC LAMINATE
CONT.	CONTINUOUS	PLAS.	PLASTER
CONTR.	CONTRACTOR	PLYWD.	PLYWOOD
C.P.	COUNTER PIPE	PR	PAINTED
CTR.	CENTER	PTN.	PARTITION
CTSK.	COUNTER SINK	Q.T.	QUARRY TILE
C.W.	COLD WATER	R. or RAD.	RADIUS
D.A.	DISABLED ACCESS	R.C.P.	REINFORCED CONCRETE PIPE
DBL	DOUBLE	R.D.	ROOF DRAIN
D.F.	DRINKING FOUNTAIN	R.E.	RIM ELEVATION
D.FL	DOUGLAS FIR	REF.	REFERENCE
DLA or Ø	DETAIL	REIN.	REINFORCING
DM	DIAMETER	REQU.	REQUIRED
DISP.	DISPOSAL	R.H.M.S.	ROUND HEAD METAL SCREW
DN	DOWN	R.O.	ROUGH OPENING
DOT	DOWN	RWD.	REDWOOD
DR.	DOOR	R.W.L.	RAIN WATER LEADER
DRWS.	DOWNPOUT	S.	SOUTH
DWG.	DRAWING	S.A.D.	SEE ARCHITECTURAL DRAWINGS
(E)	EXISTING	S.C.	SEE CIVIL DRAWINGS
E.A.	EAST	S.C.D.	SEE CIVIL DRAWINGS
E.J.	EXPANSION JOINT	SCHED.	SCHEDULE
ELEC.	ELECTRIC	S.E.D.	SEE ELECTRICAL DRAWINGS
EL.	ELEVATION	S.F.	SQUARE FEET
ELEV.	ELEVATOR	SHEATH.	SHEET
ENCL.	ENCLOSURE and/or ENCLOSURE	SHT.	SIMILAR
EQ.	EQUIPMENT	S.L.D.	SEE LANDSCAPE DRAWINGS
E.W.	EACH WAY	S.M.	SHEET METAL
E.W.C.	EXPANSION WATER COOLER	S.M.D.	SEE MECHANICAL DRAWINGS
EX.	EXPANSION	S.M.S.	SHEET METAL SCREW
EXT.	EXTERIOR	S.O.V.	SHUT OFF VALVE
F.A.	FIRE ALARM	S.P.D.	SEE PLUMBING DRAWINGS
F.D.	FLOOR DRAIN	SPEC.	SPECIFICATIONS
FDM.	FOUNDATION	SQ. or Ø	SQUARE
F.E.	FIRE EXTINGUISHER	S.S.	STAINLESS STEEL
F.H.	FIRE HYDRANT	S.S.D.	SEE STRUCTURAL DRAWINGS
F.H.M.S.	FIRE HOSE CABINET	STAG.	STAGGERED
F.H.W.S.	FLAT HEAD SHEET METAL SCREW	STD.	STANDARD
FL.	FINISH	STL.	STEEL
FL or FLR.	FACE OF CONCRETE	STOR.	STORAGE
F.O.F.	FACE OF FINISH	STRUC.	STRUCTURAL
F.O.M.	FACE OF MASONRY	S.T.S.M.S.	SELF TAPPING SHEET METAL SCREW
F.O.S.	FACE OF STUD	SUSP.	SUSPENDED
F.S.	FINISH SLAB	T.A.G.	TONGUE & GROOVE
FT.	FOOT OR FEET	TEL.	TELEPHONE
FTG.	FOOTING	TERR.	TERRAZZO
FUR.	FURRING	THRES.	THRESHOLD
GA.	GAUGE	T.J.	TOOLED JOINT
GALV.	GALVANIZED	T.O.B.	TOP OF BEAM
G.B.	GRAB BAR	T.O.C.	TOP OF CURB or CONCRETE
GL.	GALVANIZED IRON	T.O.S.	TOP OF STEEL or SLAB
GLU-LAM	GLUE-LAMINATED	T.O.W.	TOP OF WALL
GND.	GROUND	TYP.	TYPICAL
GR.	GRADE	U.O.N.	UNLESS OTHERWISE NOTED
GYP.	GYPSUM	VERT.	VERTICAL
H.B.	HOSE BIBB	V.C.P.	VITRIFIED CLAY PIPE
H.C.	HOLLOW CORE	V.C.T.	VINYL COMPOSITION TILE
H.D.W.	HARDWOOD	V.G.	VERTICAL GRAIN
HOWR.	HOLLOW METAL	V.I.F.	VERTICAL FINISH
H.M.	HOLLOW METAL	V.T.R.	VENT THROUGH ROOF
HORIZ.	HORIZONTAL	V.V.C.	VINYL WALL COVERING
HOUR.	HEIGHT	W.	WEST
HT.	HEIGHT	W.C.	WATER CLOSET
I.D.	INSIDE DIAMETER	WO.	WOOD
INSUL.	INSULATION	W.H.	WATER HEATER
INT.	INTERIOR	W.O.	WHERE OCCURS
INV.	INVERT	WP.	WATERPROOF / WEATHERPROOF
JAN.	JANITOR	W.R.	WATER RESISTANT
JT	JOINT	WT.	WEIGHT
K.D.	KILN DRIED		

REFERENCE STANDARDS			
PARTIAL LIST OF APPLICABLE STANDARDS (AS REFERENCED IN 2016 CBC - CHAPTER 35 & CFC, CH. 80):			
ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)			2010 EDITION
ASME 17.1	2016 SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1-2016/CSA B44-16)		2016 EDITION
NFPA 13	STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS		2016 EDITION
NFPA 14	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS		2013 EDITION
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS		2013 EDITION
NFPA 17-A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS		2013 EDITION
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION		2016 EDITION
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION		2013 EDITION
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES		2016 EDITION
NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE		2016 EDITION
NFPA 80	STANDARD FOR FIRE DOOR AND OTHER OPENING PROTECTIVES		2016 EDITION
NFPA 110	STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS		2016 EDITION
NFPA 253	STANDARD METHOD OF TEST FOR CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS USING A RADIANT HEAT ENERGY SOURCE		2015 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHER SYSTEMS		2015 EDITION
ICC 300	BLEACHERS, FOLDING AND TELESCOPIC SEATING AND GRANDSTANDS		2012 EDITION

- ### ADMINISTRATIVE REQUIREMENTS
- A COPY OF PART 1 AND 2 COR SHALL BE KEPT ON SITE AT ALL TIMES.
  - ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA TO BE SIGNED BY THE ARCHITECT. THE OWNER, AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338.
  - ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335.
  - TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335.
  - DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO PLACEMENT OF CONCRETE PER SECTION 4-331.
  - INSPECTOR SHALL BE APPROVED BY DSA. INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342.
  - SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH 4-334.
  - CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM 6) IN ACCORDANCE WITH SECTION 4-338 AND 4-343.
  - THE ARCHITECT AND THE STRUCTURAL ENGINEERS SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341.
  - THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343.
  - THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS THE (RE)CONSTRUCTION OF A SCHOOL BUILDING(S) IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID C.C.R. A CONSTRUCTION CHANGE DOCUMENT DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
  - DSA IS NOT SUBJECT TO ARBITRATION.

- ### GENERAL NOTES
- ITEMS OF A CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, OR ELECTRICAL NATURE MAY NOT APPEAR ON THE ARCHITECTURAL DRAWINGS. SEE APPROPRIATE DRAWINGS FOR THESE ITEMS.
  - DIVISION OF THE STATE ARCHITECT (DSA) APPROVAL OF THIS APPLICATION DOES NOT INCLUDE FUTURE OR N.I.C. ITEMS.
  - ALL DEFERRED APPROVAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND THE APPROPRIATE CONSULTING ENGINEER FOR REVIEW & APPROVAL PRIOR TO SUBMITTING TO DSA FOR CHECKING & APPROVAL.
  - THE FIRE SUPPRESSION SYSTEM, I.E. AUTOMATIC SPRINKLERS, HOOD-DUCT SYSTEM, WET STANDPIPES, AND HYDRANTS SHALL NOT BE INSTALLED UNTIL SHOP DRAWINGS HAVE BEEN APPROVED BY THE FIRE & LIFE SAFETY SECTION AT DSA.
  - THE FIRE PROTECTION SIGNALING SYSTEM SHALL NOT BE INSTALLED UNTIL SHOP DRAWINGS, INCLUDING FIRE MARSHAL LISTING NUMBER FOR EACH COMPONENT OF THE SYSTEM, HAS BEEN SUBMITTED AND APPROVED BY THE STATE FIRE MARSHAL AT DSA.
  - FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS & CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAW.
  - PRIOR TO BIDDING, THE GENERAL CONTRACTOR SHALL VISIT & INSPECT THE SITE TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AFFECTING THE NEW WORK. THE GENERAL CONTRACTOR SHALL NOT DISPUTE, COMPLAIN, OR ASSERT THAT THERE IS ANY MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, NATURE, OR AMOUNT OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE AND/OR FAILURE TO INSPECT THE CONTRACT DOCUMENTS.
  - THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF THE NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE ROUTING LOCATIONS AS BEST DETERMINED FROM EXISTING DRAWINGS & BY THE SCHOOL DISTRICT, BUT SHOULD NOT BE CONSTRUED TO REPRESENT ALL EXISTING UTILITIES.
  - ANY ALTERATIONS OF EXISTING FACILITIES TO ACCOMMODATE THE INSTALLATION OF NEW WORK SHALL BE REVIEWED BY THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
  - ALL EXISTING FINISHES OR MATERIALS DAMAGED OR DEMOLISHED DUE TO NEW CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL STATE OR REPLACED WITH NEW MATERIALS FINISHED TO MATCH EXISTING.
  - CONTRACTOR SHALL COORDINATE ALL WORK TO AVOID DISRUPTION OF STUDENTS OR TEACHERS DURING SCHOOL HOURS. ANY DISRUPTION OF POWER, TELEPHONE, OR HVAC SYSTEMS MUST BE COORDINATED AND APPROVED BY THE DISTRICT REPRESENTATIVE PRIOR TO ANY WORK COMMENCING.
  - COMPLIANCE WITH CFC CHAPTER 33 (FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION) AND CBC CHAPTER 33 (SAFEGUARDS DURING CONSTRUCTION) WILL BE ENFORCED.

SYMBOL LEGEND			
REFER TO ARCHITECTURAL FLOOR PLAN SHEETS AND CONSULTANT DRAWINGS FOR ADDITIONAL SYMBOLS AND REFERENCE DESIGNATIONS			
DIMENSION REFERENCE			
	10"	FACE OF OBJECT	
	10"	CENTER LINE OF OBJECT	
TAGS AND MARKERS			
	0	PLAN REFERENCE GRID	
		STRUCTURAL GRID LINE	
		REVISION MARKER	
	1	PLAN KEY NOTES	
Room name			
	101	ROOM LABEL	
		ROOM NAME	
		ROOM NUMBER	
	1	WALL TYPE MARKER	
	101a	DOOR ID	
		DOOR DESIGNATION	
		ROOM NUMBER	
	℄	CENTER LINE	
	XX-1	FINISH TAG	
	XX-1	FLOOR FINISH TAG	
MATERIALS REFERENCE			
		EARTH	
		GRAVEL / ROCK	
		CONCRETE	
		CONCRETE BLOCK (CMU)	
		SAND, GROUT, OR PLASTER	
		STEEL	
		PLYWOOD	
		WOOD, CONTINUOUS MEMBER	
		WOOD, BLOCKING	
		WOOD, FINISH GRADE	
CABINET TYPES			
	PC	- PREFINISHED CABINETS	
	PM	- PREFINISHED MOBILE CABINETS	
	PR	- PREFINISHED MOVEABLE CABINETS	
	PU	- PREFINISHED UTILITY CABINETS	
	PS	- SCIENCE CABINETS	
NOTE: REFER TO SPECIFICATIONS FOR SPECIFIC CABINET TYPE REQUIREMENTS.			
SECTION REFERENCE			
	1	SECTION NUMBER	
	A12.06	REFERENCE LABEL WHERE OCCURS	
		SHEET NUMBER	
DETAIL REFERENCE			
	1	DETAIL NUMBER	
	A12.06	REFERENCE LABEL WHERE OCCURS	
		SHEET NUMBER	

### CONSULTANTS

**BLEACHER**  
SOUTHERN BLEACHER  
PO BOX ONE, 801 5TH STREET  
GRAHAM, TEXAS, 76405  
940.549.0733

### FLOOD ZONE INFORMATION

SITE FLOOD ZONE DESIGNATION: **X & AE**

FLOOD INSURANCE RATE MAP (FIRM) PANEL DESIGNATION: **0451E**

FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER: **60696C0451E**

FLOOD INSURANCE RATE MAP (FIRM) EFFECTIVE DATE: **05.04.2009**

BASE FLOOD ELEVATION LEVEL (ZONE AE): **36 FEET**

### LOCATION MAP



### BUILDING KEY



### SCOPE OF WORK

- DEMOLITION OF (2) EXISTING NON-ACCESSIBLE BLEACHERS AT EXISTING BASEBALL FIELD.
- DEMOLITION OF (2) EXISTING NON-ACCESSIBLE BLEACHERS AT EXISTING SOCCER FIELD.
- INSTALLATION OF (2) NEW 10-TIER BLEACHERS AT EXISTING BASEBALL FIELD.
- INSTALLATION OF (2) NEW 10-TIER BLEACHERS AT EXISTING SOCCER FIELD.
- RELATED ACCESSIBILITY WORK.

DSA CERTIFICATION NOTE:  
SCOPE OF WORK IDENTIFIED UNDER THIS APPLICATION NUMBER 02-118022 IS INTENDED TO IDENTIFY AND COMPLETE WORK THAT WAS NOT CONSTRUCTED UNDER DSA APPLICATION 02-109862. SEPARATE FINAL VERIFIED REPORTS SHALL BE SUBMITTED FOR 02-118022 AND 02-109862, RESPECTIVELY, UPON COMPLETION OF WORK. THIS APPLICATION SHALL NOT BE CERTIFIED UNTIL APPLICATION 02-109862 IS CERTIFIED.

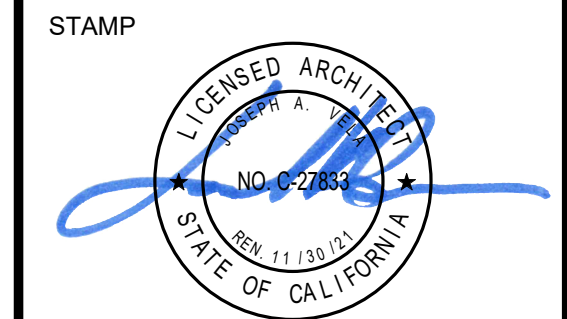
### DEFERRED APPROVAL ITEMS

NONE.

### DRAWING INDEX

ARCHITECTURAL		
SHEET NUMBER	SHEET NAME	SHEET COUNT
T1	TITLE SHEET	01
A1.01	ENLARGED DEMOLITION SITE PLAN	02
A1.02	ENLARGED NEW SITE PLAN	03
A1.05	SITE DETAILS	04
A2.01	DEMOLITION PLAN - SOCCER	05
A2.02	DEMOLITION PLAN - BASEBALL	06
A3.01	NEW PLAN - SOCCER	07
A3.02	NEW PLAN - BASEBALL	08

BLEACHER MFR		
SHEET NUMBER	CONSULTANT SHEET NAME	SHEET COUNT
B1	COVER SHEET	09
B2	GENERAL NOTES	10
B3	SIDE VIEW	11
B4	SEATING / CONCRETE LAYOUT	12
B5	CROSSBRACE / PLANK LAYOUT	13
B6	ANGLE FAB / GUARDRAIL DETAILS	14
B7	ALUM. PLANK / INSTALLATION DETAILS	15



STATE  
DSA FILE NUMBER 48-C1  
APPL# 02-118022

REVISIONS		
No.	Description	Date
△		

MILESTONES	
SD	10 - 21 - 19
DD	11 - 01 - 19
50% CD	11 - 22 - 19
90% CD	12 - 03 - 19
DSA SUB	12 - 11 - 19
DSA BC	TBD

### TITLE SHEET

\* These drawings, and/or specifications, and/or calculations for the items listed above have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me.
- coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81136 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1, (Title 24, Part 1, Section 4-317(b))

DATE	12 - 03 - 19
JOB #	2019028
SHEET #	T1
ARCHITECT - PRINCIPAL IN CHARGE	
C-27833	
CALIFORNIA LICENSE NUMBER	
DATE -	11 - 30 - 21
EXPIRATION DATE	



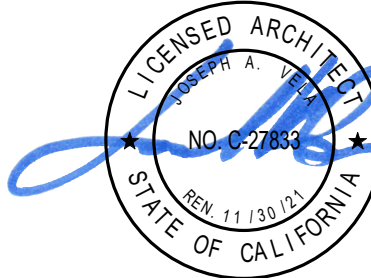
PROJECT

SOLANO  
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STAMP



STATE

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REVISIONS

No.	Description	Date
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MILESTONES

SD	10 - 21 - 19
DD	11 - 01 - 19
50% CD	11 - 22 - 19
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DSA SUB	12 - 11 - 19
DSA BC	TBD

SHEET

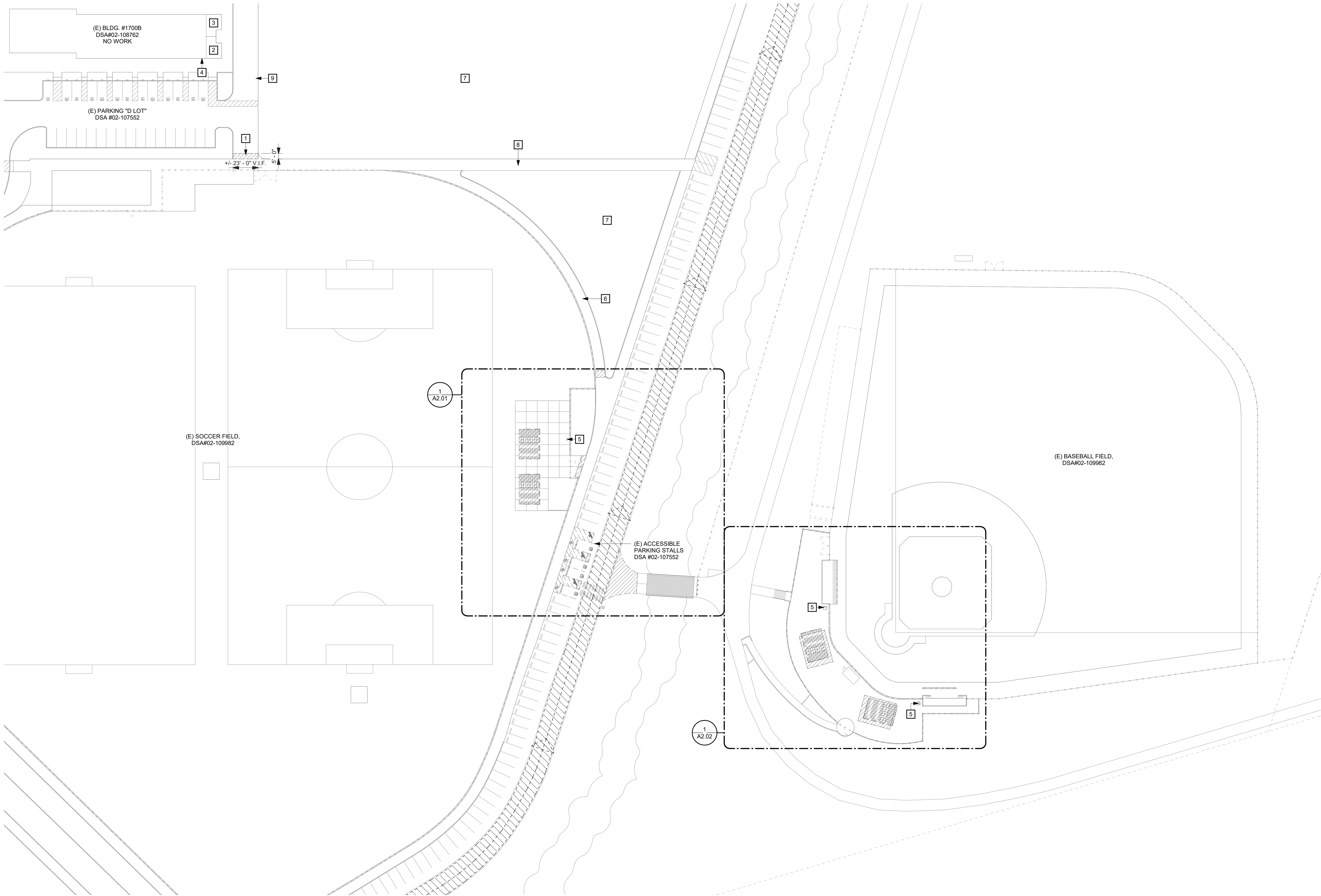
ENLARGED  
DEMOLITION SITE  
PLAN

DATE 12 - 03 - 19

JOB # 2019028

SHEET #

A1.01



1 SITE PLAN - DEMOLITION

SCALE: 1" = 40'-0"

DEMOLITION SITE PLAN SHEET NOTES

- A CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
- B CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- D DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- E PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- F REFER TO BLEACHER MFR DRAWINGS FOR EXTENT OF BLEACHER WORK.
- G THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLDS OR LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.
- H CONTRACTOR SHALL PROVIDE SAFEGUARDS AND FIRE PROTECTION IN COMPLIANCE WITH CBC/IFC CHAPTER 33 DURING BOTH THE DEMOLITION AND NEW CONSTRUCTION PORTIONS OF THE PROJECT.

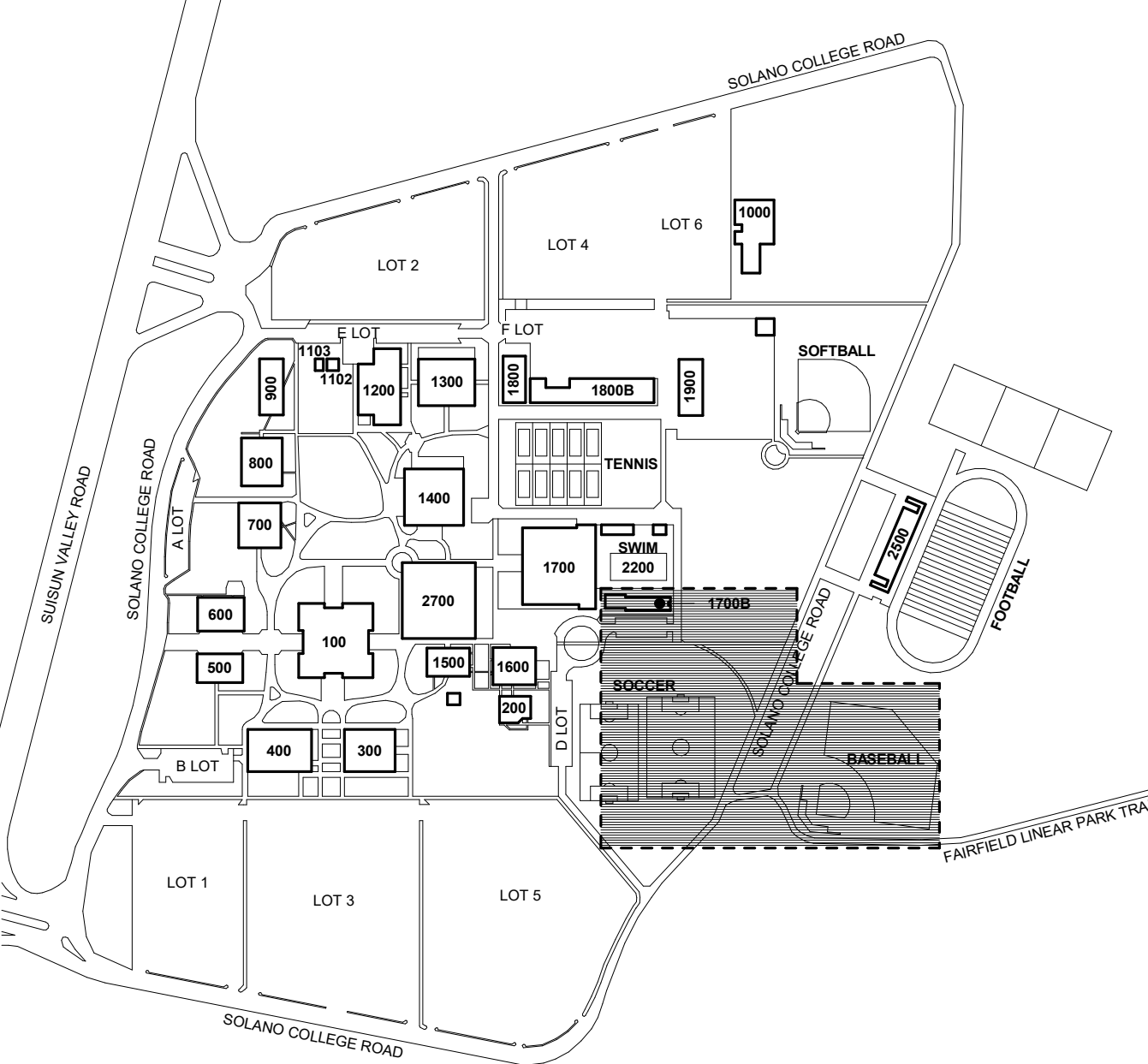
DEMOLITION SITE PLAN KEYNOTES

- 1 PORTION OF (E) AC WALKWAY TO BE REMOVED. PREP AREA FOR INSTALLATION OF (N) TRUNCATED DOMES, W.O.D. SEE 1/A3.01 & 1/A1.05 FOR ADDITIONAL INFORMATION
- 2 (E) FEMALE RR, DSA #02-108762
- 3 (E) MALE RR, DSA #02-108762
- 4 (E) D.A. H.L.O. DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-108762
- 5 (E) D.A. H.L.O. DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-109982
- 6 (E) AC WALKWAY TO REMAIN 2% MAX SLOPE, DO NOT DAMAGE, TYP., U.O.N.
- 7 (E) PLANTING AREA TO REMAIN, DO NOT DAMAGE
- 8 (E) CONCRETE SLAB ON GRADE TO REMAIN, DO NOT DAMAGE
- 9 (E) AC DRIVE AISLE TO REMAIN, DO NOT DAMAGE

GRAPHIC KEY

- EXISTING TO BE DEMOLISHED
- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE
- (E) CHAIN LINK FENCE
- FIRE DEPARTMENT ACCESS
- EXISTING FIRE HYDRANT
- (E) F.H.

CAMPUS MAP





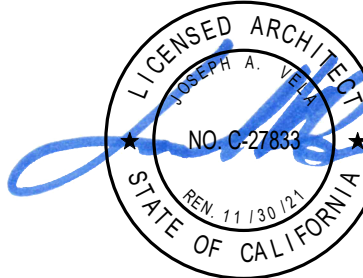
PROJECT

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REVISIONS

No. Description Date



MILESTONES

SD	10 - 21 - 19
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SHEET

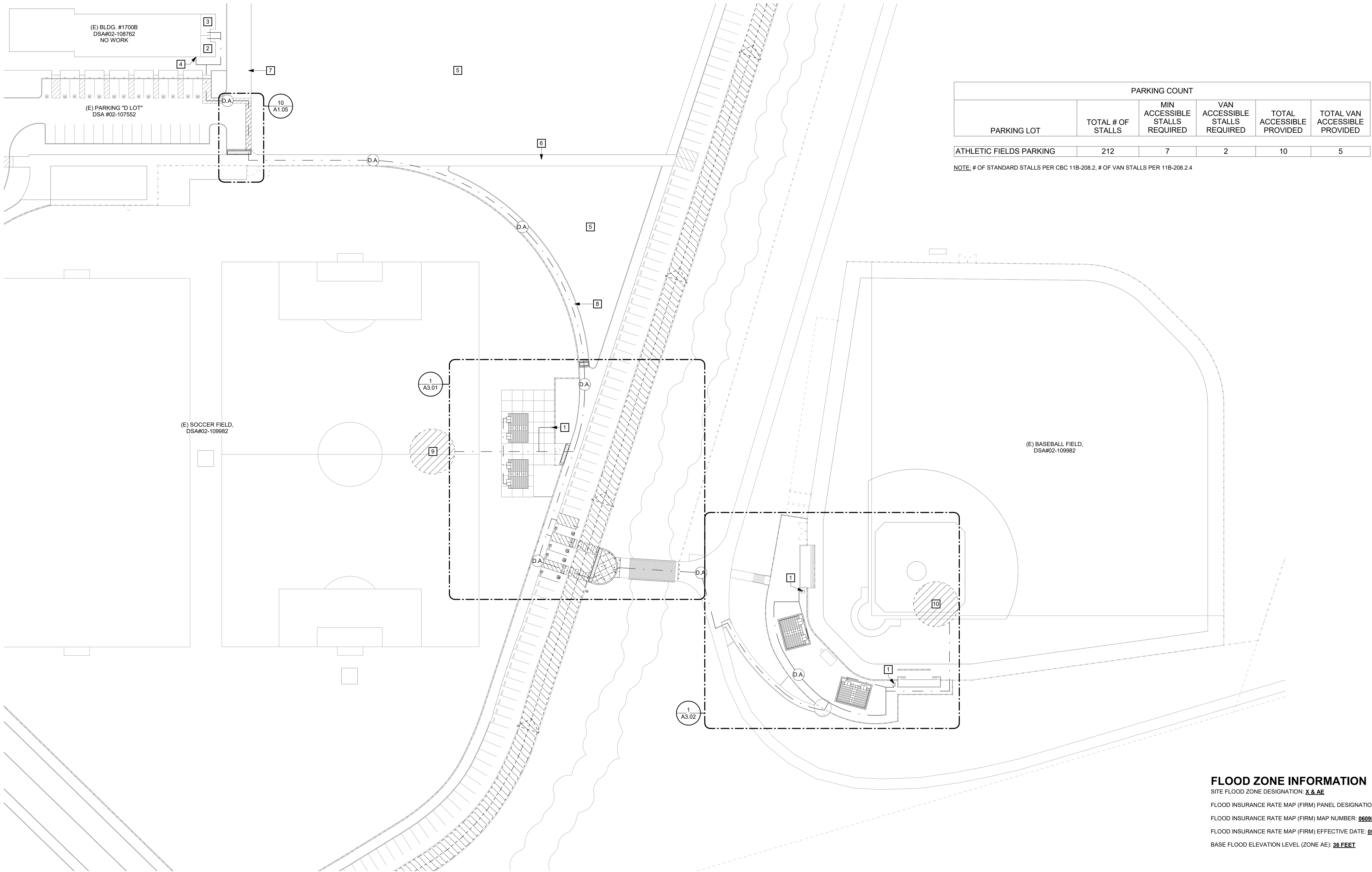
ENLARGED NEW  
SITE PLAN

DATE 12 - 03 - 19

JOB # 2019028

SHEET #

A1.02



FLOOD ZONE INFORMATION

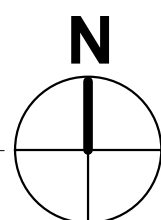
SITE FLOOD ZONE DESIGNATION: **X & AE**

FLOOD INSURANCE RATE MAP (FIRM) PANEL DESIGNATION: **0451E**

FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER: **06095C0451E**

FLOOD INSURANCE RATE MAP (FIRM) EFFECTIVE DATE: **05.04.2009**

BASE FLOOD ELEVATION LEVEL (ZONE AE): **36 FEET**



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

NEW SITE PLAN SHEET NOTES

- A CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
- B CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- D DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- E PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- F REFER TO BLEACHER MFR DRAWINGS FOR EXTENT OF BLEACHER WORK.
- G THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLDS OR LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.
- H CONTRACTOR SHALL PROVIDE SAFEGUARDS AND FIRE PROTECTION IN COMPLIANCE WITH CBC/CFC CHAPTER 33 DURING BOTH THE DEMOLITION AND NEW CONSTRUCTION PORTIONS OF THE PROJECT.

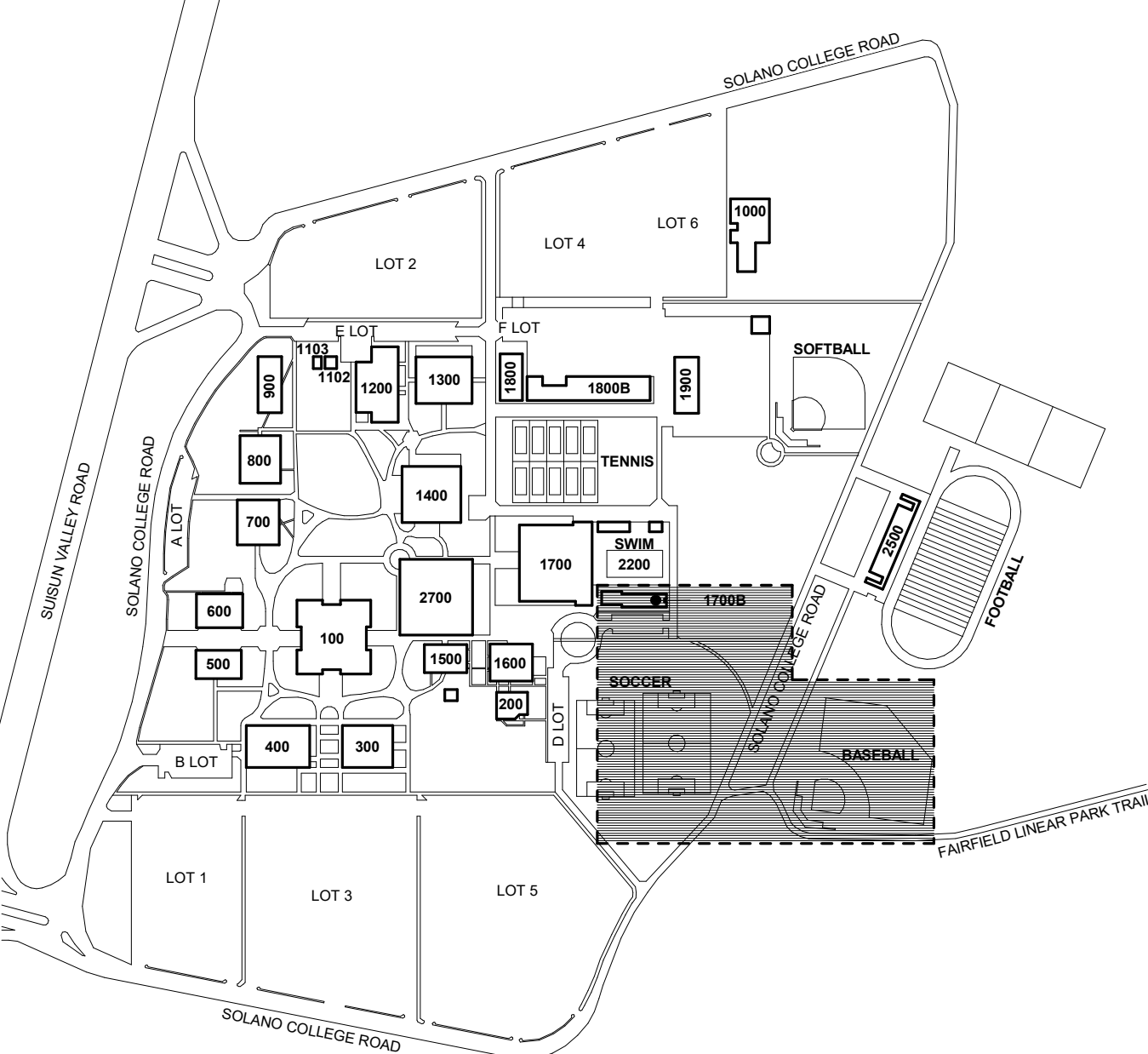
NEW SITE PLAN KEYNOTES

- 1 (E) D.A. HI-LO DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-109982
- 2 (E) FEMALE RR, DSA #02-108762
- 3 (E) MALE RR, DSA #02-108762
- 4 (E) D.A. HI-LO DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-108762
- 5 (E) PLANTING AREA TO REMAIN, DO NOT DAMAGE
- 6 (E) CONCRETE SLAB ON GRADE TO REMAIN, DO NOT DAMAGE
- 7 (E) AC DRIVE AISLE TO REMAIN, DO NOT DAMAGE
- 8 (E) AC WALKWAY TO REMAIN 2% MAX SLOPE, DO NOT DAMAGE, TYP., U.O.N.
- 9 SOCCER FIELD SAFE DISPERSAL AREA, SEE SHEET A3.01 FOR ADDITIONAL INFORMATION
- 10 BASEBALL FIELD SAFE DISPERSAL AREA, SEE SHEET A3.02 FOR ADDITIONAL INFORMATION

GRAPHIC KEY

- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- EGRESS LINES
- (E) CHAIN LINK FENCE
- FIRE DEPARTMENT ACCESS
- D.A. PATH OF TRAVEL  
D.A. PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" WIDE SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. D.A. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM HEIGHT AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND BELOW 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- EXISTING FIRE HYDRANT  
(E) F.H.
- GRADE

CAMPUS MAP

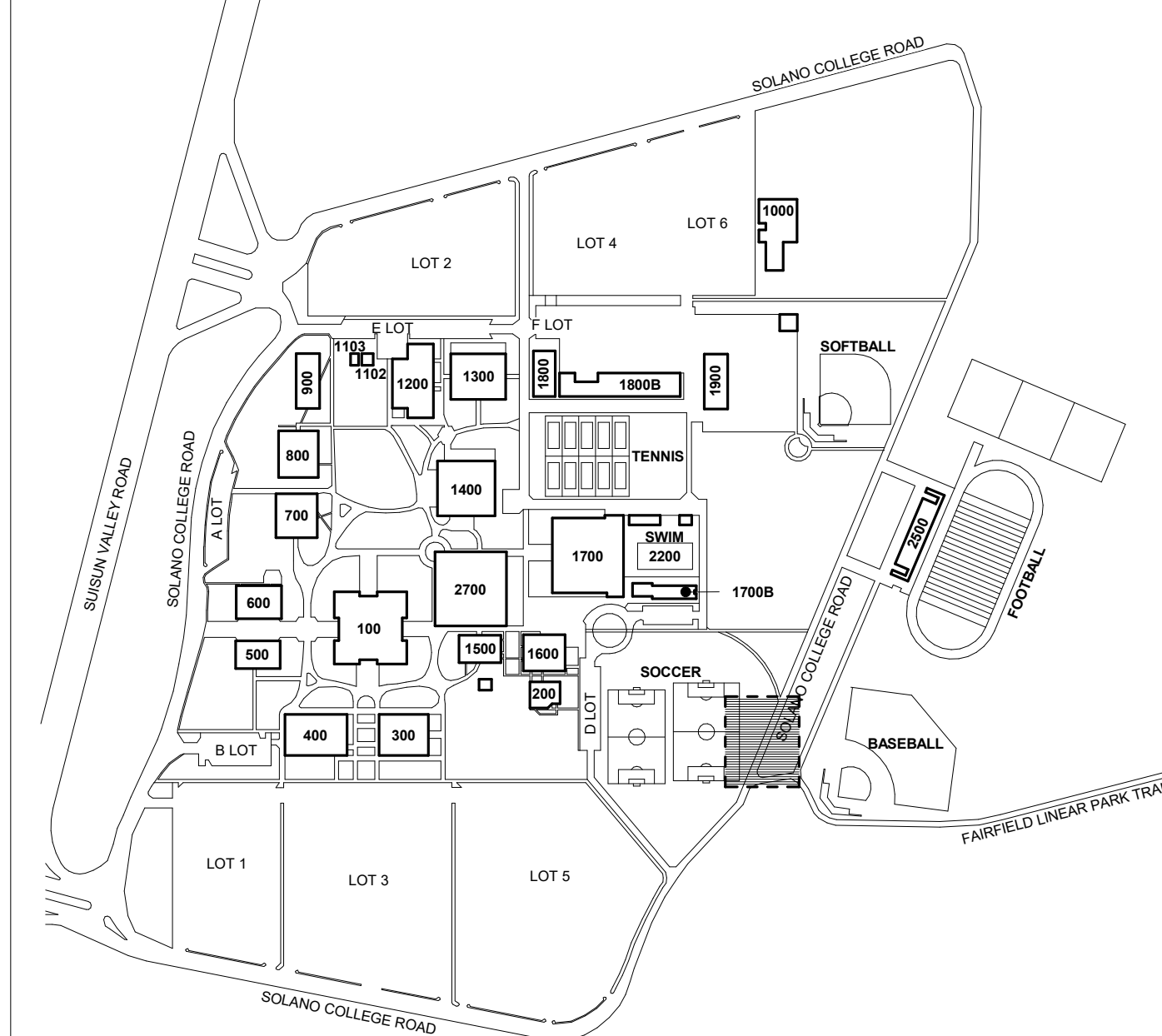








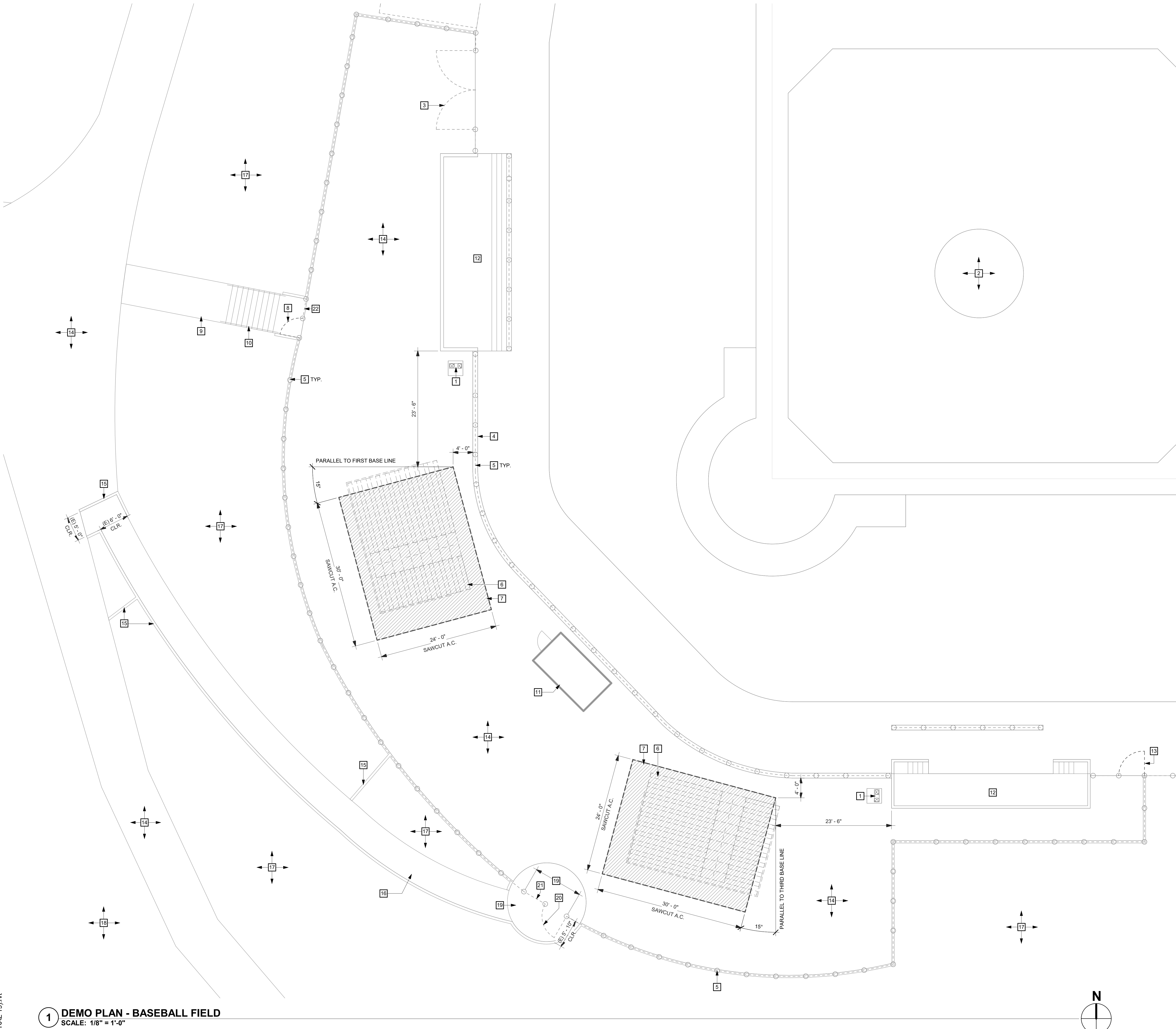
## CAMPUS MAP



A2.01



1/31/2020, 11:33:45 AM  
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SCCD BLEACHER REPLACE (CENTRAL 19).vt



**1 DEMO PLAN - BASEBALL FIELD**  
SCALE: 1/8" = 1'-0"

**DEMOLITION PLAN SHEET NOTES**

- A CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
- B CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- D DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- E PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- F REFER TO BLEACHER MFR DRAWINGS FOR EXTENT OF BLEACHER WORK.
- G THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLDS OR LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.
- H CONTRACTOR SHALL PROVIDE SAFEGUARDS AND FIRE PROTECTION IN COMPLIANCE WITH CBC/CFC CHAPTER 33 DURING BOTH THE DEMOLITION AND NEW CONSTRUCTION PORTIONS OF THE PROJECT.

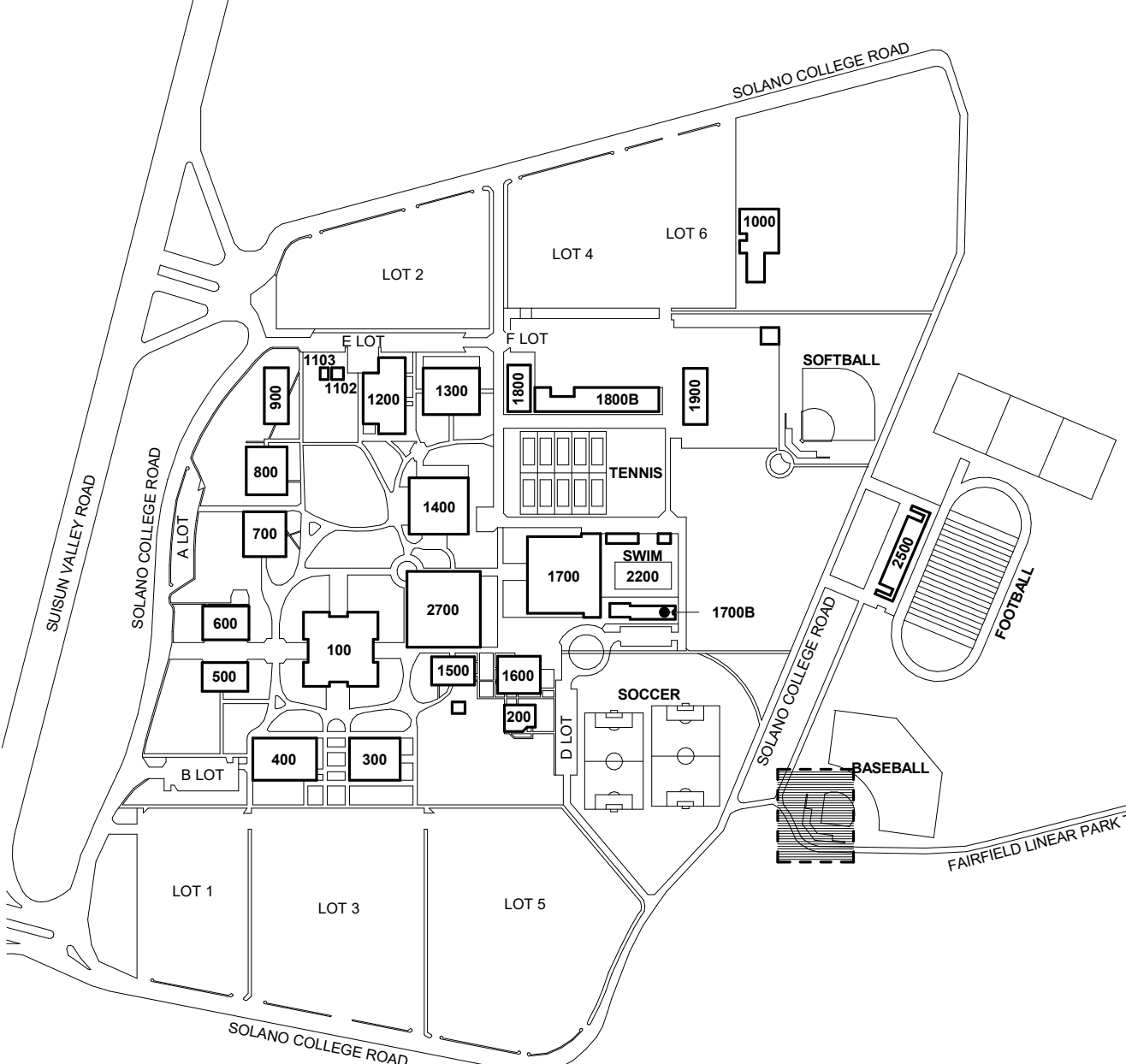
**DEMOLITION PLAN KEYNOTES**

- 1 (E) D.A. HI-LO DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-109982
- 2 (E) BASEBALL FIELD TO REMAIN, DO NOT DAMAGE
- 3 (E) PAIR 8' CHAIN LINK GATE TO REMAIN, DO NOT DAMAGE
- 4 (E) LOW CONCRETE WALL TO REMAIN, DO NOT DAMAGE
- 5 (E) CHAIN LINK FENCING TO REMAIN, DO NOT DAMAGE, TYP.
- 6 (E) BLEACHER TO BE REMOVED
- 7 PORTION OF (E) AC WALKWAY TO BE REMOVED, PREP AREA FOR INSTALLATION OF (N) CONC. SLAB, TYP.
- 8 (E) 4' CHAIN LINK GATE, SALVAGE AND PREP FOR REINSTALLATION, SEE NEW PLAN FOR ADDITIONAL INFORMATION
- 9 (E) CONCRETE SLAB ON GRADE TO REMAIN, DO NOT DAMAGE
- 10 (E) CONCRETE STAIRS AND HANDRAILS TO REMAIN, DO NOT DAMAGE
- 11 (E) PRESS-BOX TO REMAIN, DO NOT DAMAGE
- 12 (E) BASEBALL DUGOUT TO REMAIN, DO NOT DAMAGE
- 13 (E) 5' CHAIN LINK GATE, SALVAGE AND PREP FOR REINSTALLATION, SEE NEW PLAN FOR ADDITIONAL INFORMATION
- 14 (E) AC WALKWAY TO REMAIN 2% MAX SLOPE, DO NOT DAMAGE, TYP., U.O.N.
- 15 (E) CONCRETE CURB TO REMAIN, DO NOT DAMAGE, TYP.
- 16 (E) SLOPED CONCRETE WALKWAY TO REMAIN, DO NOT DAMAGE, FIELD VERIFIED SLOPE <4.5%
- 17 (E) SLOPED PLANTING AREA TO REMAIN, DO NOT DAMAGE
- 18 (E) PLANTING AREA TO REMAIN, DO NOT DAMAGE
- 19 (E) PAIR 5' CHAIN LINK GATES TO REMAIN, DO NOT DAMAGE
- 20 (E) D.A. 5' CHAIN LINK GATE LEAF WITH PANIC HARDWARE & TOE KICK PLATE
- 21 (E) 5' CHAIN LINK GATE INACTIVE LEAF, TO REMAIN, DO NOT DAMAGE
- 22 (E) 4' CHAIN LINK GATE INACTIVE LEAF, TO REMAIN, DO NOT DAMAGE

**GRAPHIC KEY**

- EXISTING TO BE DEMOLISHED
- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE
- (E) CHAIN LINK FENCE
- FIRE DEPARTMENT ACCESS
- EXISTING FIRE HYDRANT
- (E) F.H.

**CAMPUS MAP**



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118022 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 02/24/2020

**aedis**  
architects  
www.aedisarchitects.com  
808 R Street, Suite 201  
Sacramento, CA 95811  
tel: (916) 970-0230  
fax: (408) 300-5121

PROJECT  
**SOLANO  
COMMUNITY  
COLLEGE  
BASEBALL &  
SOCCER  
BLEACHER  
REPLACEMENT  
PROJECT**  
  
SOLANO COUNTY  
COMMUNITY COLLEGE  
DISTRICT  
  
CONSULTANT

STAMP

STATE  
DSA FILE NUMBER **48-C1**  
APPL # **02-118022**

REVISIONS  

No.	Description	Date
1		

MILESTONES  

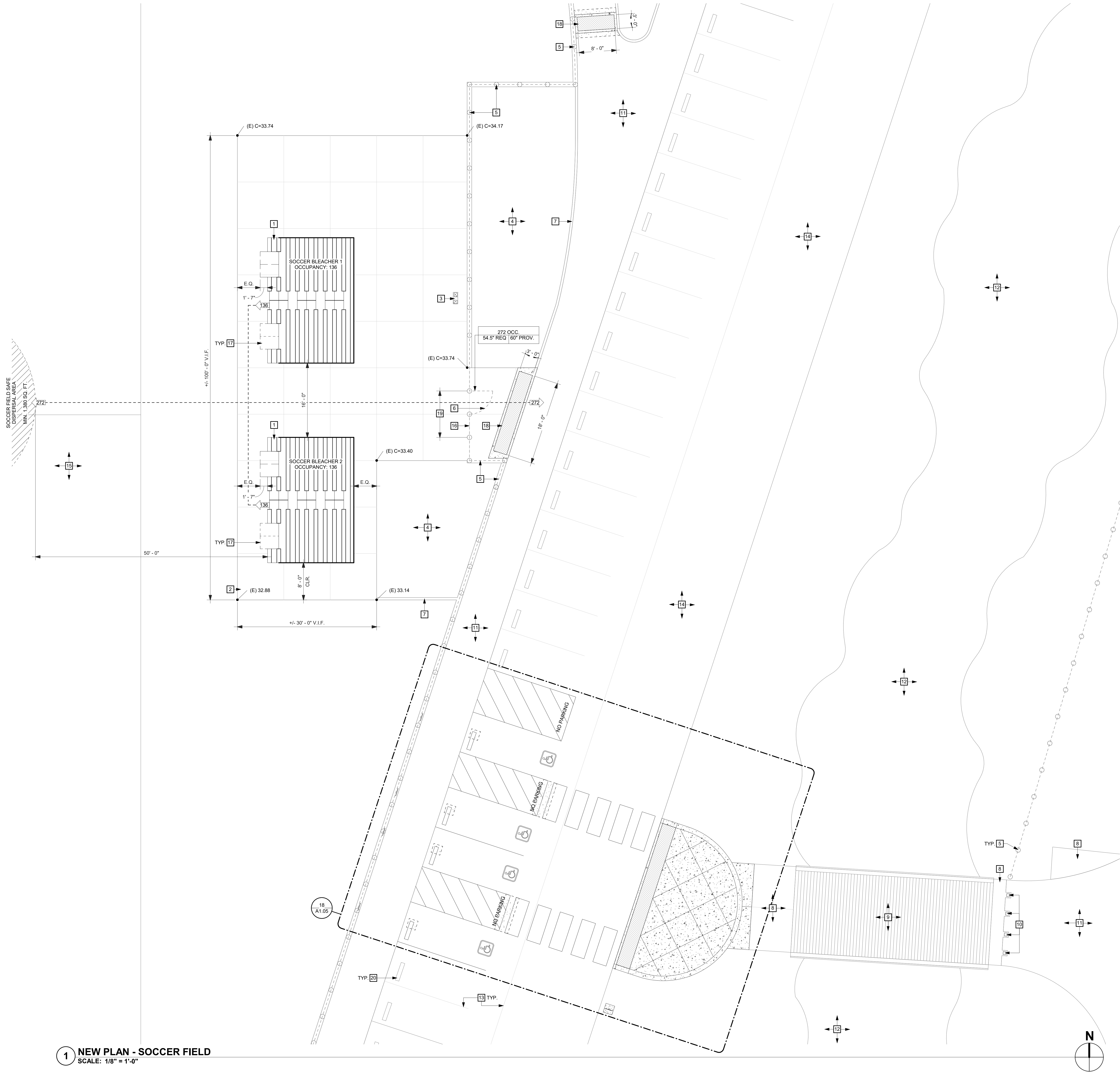
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DD	11 - 01 - 19
50% CD	11 - 22 - 19
90% CD	12 - 03 - 19
DSA SUB	12 - 11 - 19
DSA BC	TBD

SHEET  
**DEMOLITION  
PLAN - BASEBALL**

DATE **12 - 03 - 19**  
JOB # **2019028**  
SHEET #  
**A2.02**



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SCCD BLEACHER REPLACE (CENTRAL 19).vt



**1 NEW PLAN - SOCCER FIELD**  
SCALE: 1/8" = 1'-0"

**NEW PLAN SHEET NOTES**

- A CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
- B CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- D DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- E PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- F REFER TO BLEACHER MFR DRAWINGS FOR EXTENT OF BLEACHER WORK.
- G THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLDS OR LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.
- H CONTRACTOR SHALL PROVIDE SAFEGUARDS AND FIRE PROTECTION IN COMPLIANCE WITH CBC/IFC CHAPTER 33 DURING BOTH THE DEMOLITION AND NEW CONSTRUCTION PORTIONS OF THE PROJECT.
- I DRY FLOODPROOFING OF BLEACHERS IN ACCORDANCE WITH ASCE 24

**NEW PLAN KEYNOTES**

- 1 D.A. BLEACHERS, SEE BLEACHER MANUFACTURER DRAWINGS, SPECS, AND CALCULATIONS FOR ADDITIONAL INFORMATION, TYP.
- 2 (E) 5" CONCRETE SLAB OVER 6" AGGREGATE BASE TO REMAIN, DO NOT DAMAGE
- 3 (E) D.A. H-LO DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-109982
- 4 (E) PLANTING AREA TO REMAIN, DO NOT DAMAGE, TYP.
- 5 (E) CHAIN LINK FENCING TO REMAIN, DO NOT DAMAGE, TYP.
- 6 (E) D.A. 5' CHAIN LINK GATE LEAF WITH PANIC HARDWARE & TOE KICK PLATE
- 7 (E) CONCRETE CURB TO REMAIN, DO NOT DAMAGE, TYP.
- 8 (E) CONCRETE SLAB ON GRADE TO REMAIN, DO NOT DAMAGE
- 9 (E) WOODEN BRIDGE TO REMAIN, DO NOT DAMAGE
- 10 (E) WOODEN REMOVABLE BOLLARDS TO REMAIN, DO NOT DAMAGE, TYP. OF (4)
- 11 (E) AC WALKWAY TO REMAIN 2% MAX SLOPE, DO NOT DAMAGE, TYP., U.O.N.
- 12 (E) WOODDED CREEK AREA BELOW, NO WORK
- 13 (E) TRAFFIC STRIPING TO REMAIN, DO NOT DAMAGE, TYP., U.O.N.
- 14 (E) AC DRIVE AISLE TO REMAIN, DO NOT DAMAGE
- 15 (E) SOCCER FIELD TO REMAIN, DO NOT DAMAGE
- 16 (E) 5' CHAIN LINK GATE INACTIVE LEAF, TO REMAIN, DO NOT DAMAGE
- 17 48" X 33" CLR. WHEELCHAIR AREA, TYP. OF (4) PER BLEACHER, SEE BLEACHER MANUFACTURER DRAWINGS FOR ADDITIONAL INFORMATION
- 18 TRUNCATED DOMES, CONCRETE BAND, AND A.C. PAVING PATCH BACK W.O., SEE DETAIL 1/A1.05
- 19 (E) PAIR 5' CHAIN LINK GATES TO REMAIN, DO NOT DAMAGE
- 20 (E) CONCRETE WHEEL STOP TO REMAIN, DO NOT DAMAGE, TYP., UON.

**TYPICAL BLEACHER SEATING MATRIX**

TYPICAL BLEACHER SEATING CAPACITY	
1. TOTAL NET 18' SEATS:	126
2. TOTAL NET 33" WHEELCHAIR SPACES:	4
3. TOTAL NET 18' COMPANION SEATS:	4
4. TOTAL NET 18' AISLE SEATS:	2
<b>136: TOTAL SEATING CAPACITY</b>	

NOTE: PLEASE REFER TO BLEACHER MFR. DWGS. SHEET B4 FOR ADDITIONAL INFORMATION

**AREA OF SAFE DISPERSAL**

SOCCER FIELD - SAFE DISPERSAL AREA (PER CBC 1010.2.1 AND CBC 1028.5)

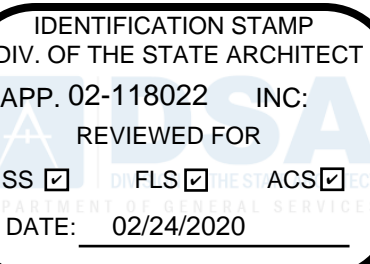
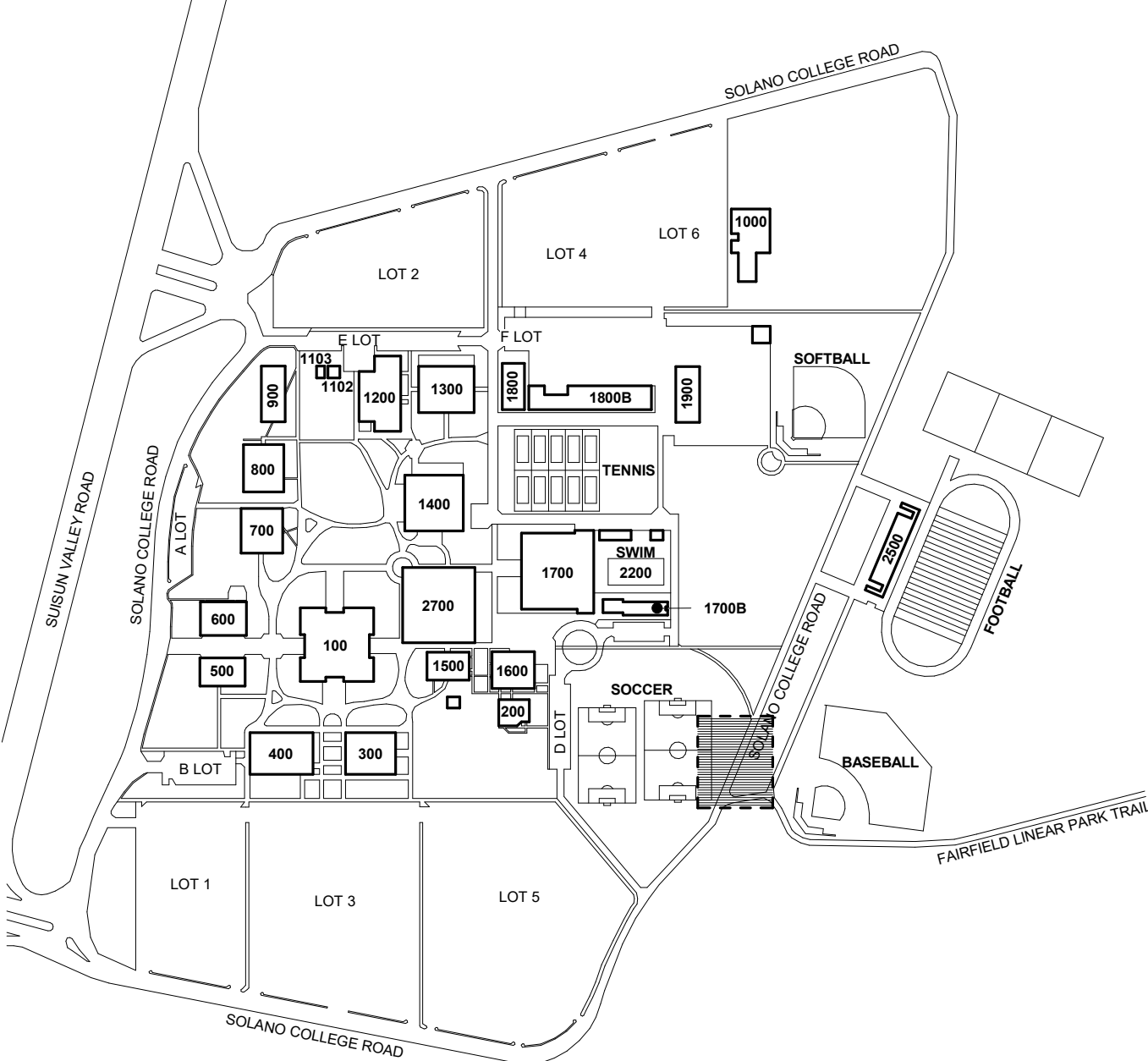
TOTAL OCCUPANTS: 276  
REQUIRED SQUARE FOOTAGE PROVIDED: 5 SQ. FT./OCCUPANT

(276) X (5) = 1,380 SQ. FT. REQUIRED

**GRAPHIC KEY**

- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- EGRESS LINES
- (E) CHAIN LINK FENCE
- FIRE DEPARTMENT ACCESS
- D.A. PATH OF TRAVEL  
D.A. PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. D.A. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM HEIGHT AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND BELOW 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- EXISTING FIRE HYDRANT  
(E) F.H.

**CAMPUS MAP**



**aedis**  
architects

www.aedisarchitects.com  
808 R Street, Suite 201  
Sacramento, CA 95811  
tel: (916) 970-0230  
fax: (408) 300-5121

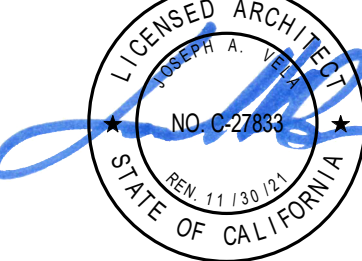
PROJECT

**SOLANO  
COMMUNITY  
COLLEGE  
BASEBALL &  
SOCCER  
BLEACHER  
REPLACEMENT  
PROJECT**

SOLANO COUNTY  
COMMUNITY COLLEGE  
DISTRICT

CONSULTANT

STAMP



STATE

FILE NUMBER **48-C1**

APPL # **02-118022**

REVISIONS

No. Description Date

△

MILESTONES

SD	10 - 21 - 19
DD	11 - 01 - 19
50% CD	11 - 22 - 19
90% CD	12 - 03 - 19
DSA SUB	12 - 11 - 19
DSA BC	TBD

SHEET

**NEW PLAN -  
SOCCER**

DATE

**12 - 03 - 19**

JOB #

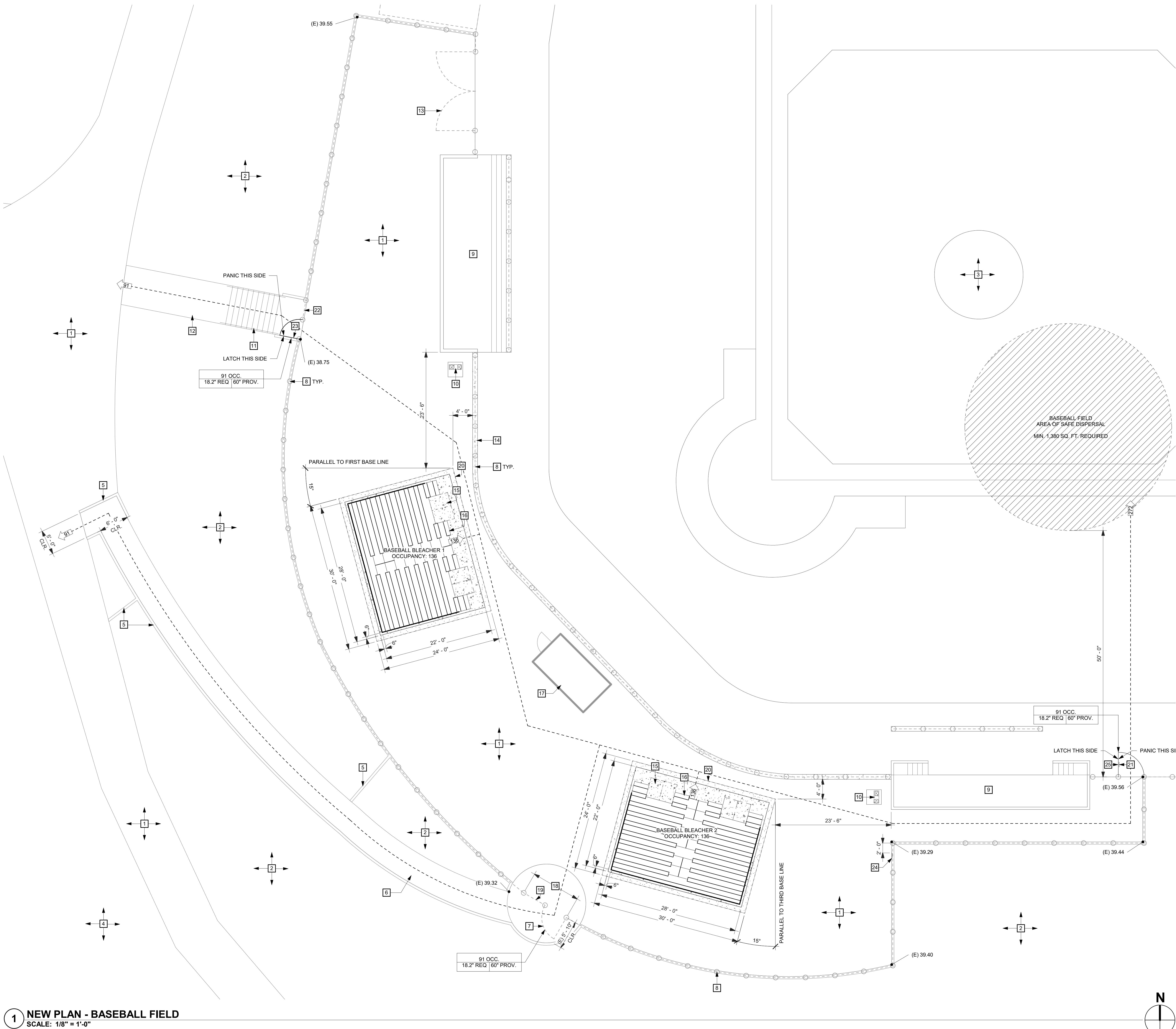
**2019028**

SHEET #

**A3.01**



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SOLANO BLEACHER REPLACEMENT PROJECT\19.vnt



**1 NEW PLAN - BASEBALL FIELD**  
SCALE: 1/8" = 1'-0"

## NEW PLAN SHEET NOTES

- A CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
- B CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- D DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- E PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- F REFER TO BLEACHER MFR DRAWINGS FOR EXTENT OF BLEACHER WORK.
- G THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLDS OR LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.
- H CONTRACTOR SHALL PROVIDE SAFEGUARDS AND FIRE PROTECTION IN COMPLIANCE WITH CBC/OTC CHAPTER 33 DURING BOTH THE DEMOLITION AND NEW CONSTRUCTION PORTIONS OF THE PROJECT.

## NEW PLAN KEYNOTES

- 1 (E) AC WALKWAY TO REMAIN 2% MAX SLOPE, DO NOT DAMAGE, TYP., U.O.N.
- 2 (E) SLOPED PLANTING AREA TO REMAIN, DO NOT DAMAGE
- 3 (E) BASEBALL FIELD TO REMAIN, DO NOT DAMAGE
- 4 (E) PLANTING AREA TO REMAIN, DO NOT DAMAGE
- 5 (E) CONCRETE CURB TO REMAIN, DO NOT DAMAGE, TYP.
- 6 (E) SLOPED CONCRETE WALKWAY TO REMAIN, DO NOT DAMAGE, FIELD VERIFIED SLOPE <4.5%
- 7 (E) D.A. 5' CHAIN LINK GATE LEAF WITH PANIC HARDWARE & TOE KICK PLATE
- 8 (E) CHAIN LINK FENCING TO REMAIN, DO NOT DAMAGE, TYP.
- 9 (E) BASEBALL DUGOUT TO REMAIN, DO NOT DAMAGE
- 10 (E) D.A. H-L-O DRINKING FOUNTAIN TO REMAIN, DO NOT DAMAGE, DSA #02-109982
- 11 (E) CONCRETE STAIRS AND HANDRAILS TO REMAIN, DO NOT DAMAGE
- 12 (E) CONCRETE SLAB ON GRADE TO REMAIN, DO NOT DAMAGE
- 13 (E) PAIR 5' CHAIN LINK GATE TO REMAIN, DO NOT DAMAGE
- 14 (E) LOW CONCRETE WALL TO REMAIN, DO NOT DAMAGE
- 15 CONCRETE SLAB ON GRADE, SEE BLEACHER MANUFACTURER DETAIL 2/B4 FOR ADDITIONAL INFORMATION
- 16 D.A. BLEACHERS, SEE BLEACHER MANUFACTURER DRAWINGS, SPECS, AND CALCULATIONS FOR ADDITIONAL INFORMATION, TYP.
- 17 (E) PRESS-BOX TO REMAIN, DO NOT DAMAGE
- 18 (E) PAIR 5' CHAIN LINK GATES TO REMAIN, DO NOT DAMAGE
- 19 (E) 5' CHAIN LINK GATE INACTIVE LEAF, TO REMAIN, DO NOT DAMAGE
- 20 SAWCUT AND CONCRETE PATCH BACK AT EDGE OF CONCRETE, SEE DETAIL 7/A1.05
- 21 SAFE DISPERSAL AREA SIGN, SEE DETAIL 8/A1.05
- 22 (E) 4' CHAIN LINK GATE INACTIVE LEAF, TO REMAIN, DO NOT DAMAGE
- 23 REINSTALL SALVAGED 4' CHAIN LINK GATE, SEE DETAIL 16/A1.05 FOR ADDITIONAL INFORMATION
- 24 SAFE DISPERSAL AREA DIRECTIONAL SIGN, SEE DETAIL 11/A1.05
- 25 REINSTALL SALVAGED 5' CHAIN LINK GATE & STRIKE ON OPPOSITE POST, INSTALL NEW HINGES, MATCH SWING AND LATCH/PANIC LOCATIONS SPECIFIED ON PLAN

## TYPICAL BLEACHER SEATING MATRIX

TYPICAL BLEACHER SEATING CAPACITY	
1. TOTAL NET 18" SEATS:	126
2. TOTAL NET 33" WHEELCHAIR SPACES:	4
3. TOTAL NET 18" COMPANION SEATS:	4
4. TOTAL NET 18" AISLE SEATS:	2
<b>136: TOTAL SEATING CAPACITY</b>	

NOTE: PLEASE REFER TO BLEACHER MFR DWGS. SHEET B4 FOR ADDITIONAL INFORMATION

## AREA OF SAFE DISPERSAL

BASEBALL FIELD - SAFE DISPERSAL AREA (PER CBC 1010.2.1 AND CBC 1028.5)

TOTAL OCCUPANTS: 276  
REQUIRED SQUARE FOOTAGE PROVIDED: 5 SQ. FT./OCCUPANT  
(276) X (5) = 1,380 SQ. FT. REQUIRED

## GRAPHIC KEY

- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- EGRESS LINES
- (E) CHAIN LINK FENCE
- FIRE DEPARTMENT ACCESS
- GRADE

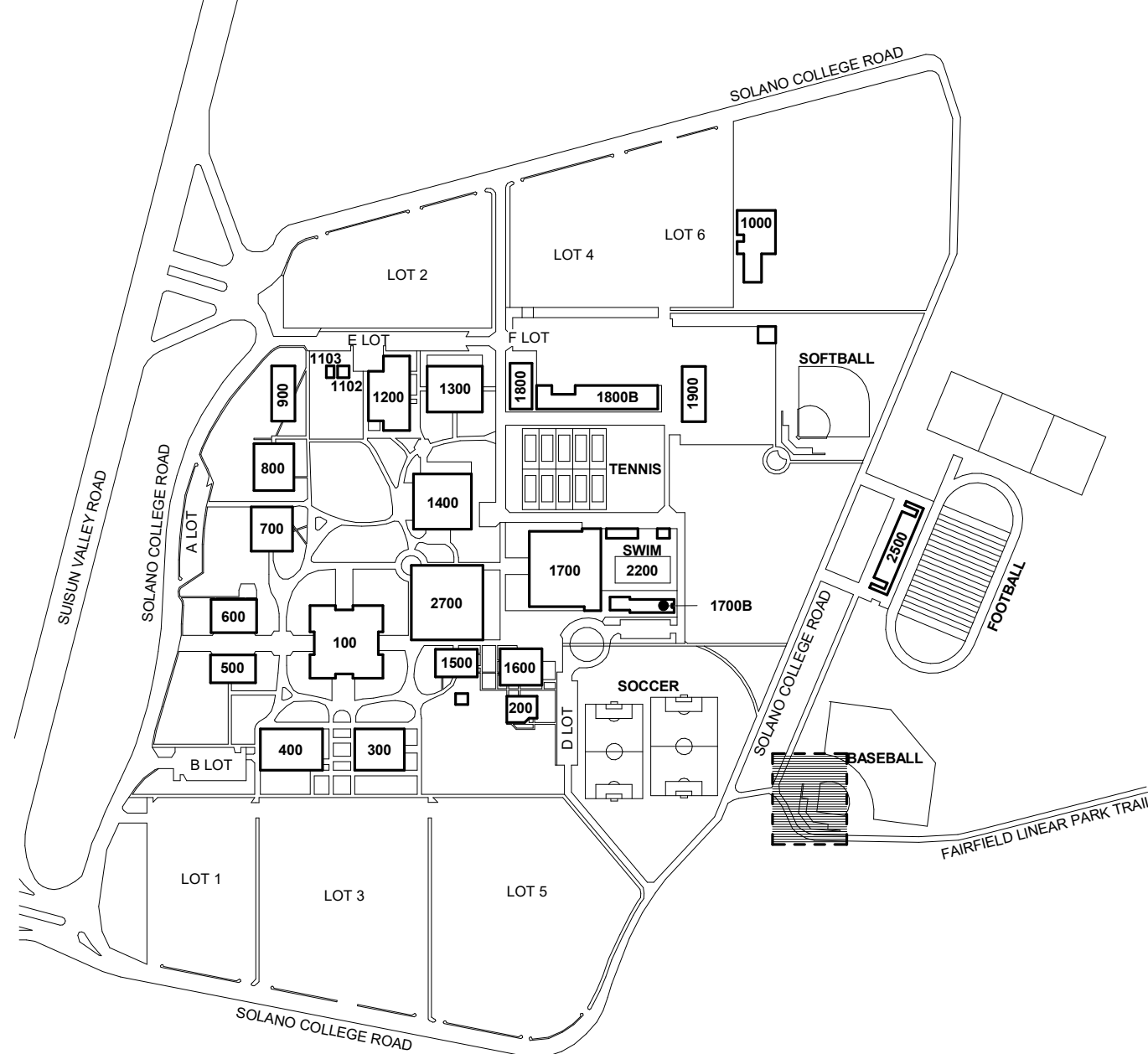
## D.A. PATH OF TRAVEL

D.A. PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" WIDE SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. D.A. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM HEIGHT AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND BELOW 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

## EXISTING FIRE HYDRANT

(E) F.H.

## CAMPUS MAP



IDENTIFICATION STAMP		
DIV. OF THE STATE ARCHITECT		
APP. 02-118022	INC.	
REVIEWED FOR		
SS <input type="checkbox"/>	FLS <input type="checkbox"/>	ACS <input type="checkbox"/>
DATE:	02/24/2020	

**aedis**  
architects

www.aedisarchitects.com  
808 R Street, Suite 201  
Sacramento, CA 95811  
tel: (916) 970-0230  
fax: (408) 300-5121

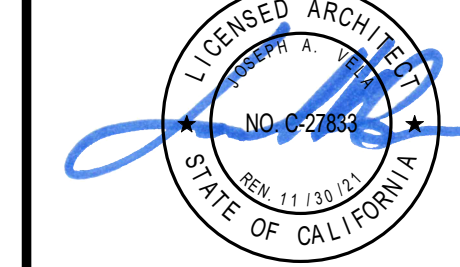
## PROJECT

**SOLANO  
COMMUNITY  
COLLEGE  
BASEBALL &  
SOCCER  
BLEACHER  
REPLACEMENT  
PROJECT**

SOLANO COUNTY  
COMMUNITY COLLEGE  
DISTRICT

CONSULTANT

## STAMP



## STATE

FILE NUMBER  
DSA FILE NUMBER **48-C1**  
APPL # **02-118022**

## REVISIONS

No.	Description	Date
-----	-------------	------

△

## MILESTONES

SD	10 - 21 - 19
DD	11 - 01 - 19
50% CD	11 - 22 - 19
90% CD	12 - 03 - 19
DSA SUB	12 - 11 - 19
DSA BC	TBD

## SHEET

**NEW PLAN -  
BASEBALL**

DATE **12 - 03 - 19**

JOB # **2019028**

SHEET #

**A3.02**



***SOLANO COMMUNITY COLLEGE  
BASEBALL, TRACK, SOCCER  
FAIRFIELD, CALIFORNIA***

<i><b>SHEET TITLE</b></i>	<i><b>SHEET NUMBER</b></i>
SHEET DESCRIPTION	SHEET NUMBER
COVER SHEET	B1
GENERAL NOTES	B2
SIDE VIEW	B3
SEATING/CONCRETE LAYOUT	B4
CROSSBRACE/PLANK LAYOUT	B5
ANGLE FAB/GUARDRAIL DETAILS	B6
ALUM. PLANK/INSTALLATION DETAILS	B7



#19364 - FAIRFIELD, CALIFORNIA

REV. #  1/28/20

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

DATE: 11-22-19  
JOB #19364  
SOLANO COMMUNITY COLLEGE  
BASEBALL, TRACK, SOCCER  
FAIRFIELD, CALIFORNIA



PO Box One, Graham, Texas 76450  
801 Fifth Street.  
Phone: 940/549-0733 Fax: 940/549-1365



THIS DRAWING AND ALL INFORMATION THEREIN IS THE PROPERTY OF THE SOUTHERN BLEACHER COMPANY, TAYLOR & SYFAN AND IS CONFIDENTIAL AND MUST NOT BE MADE PUBLIC OR COPIED. THIS DRAWING IS LOANED SUBJECT TO RE- TURN UPON DEMAND AND, IS NOT TO BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS.

GENERAL REQUIREMENTS:

- CONFLICTS: NOTES AND DETAILS ON THE DRAWINGS TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS IN CASE OF CONFLICT.
- CODES: ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, 2016 CALIFORNIA BUILDING CODE (CBC).
- SIMILAR WORK: WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS.
- EXCAVATIONS: OWNER TO LOCATE AND PROTECT UNDERGROUND OR CONCEALED CONDUIT, PLUMBING OR OTHER UTILITIES WHERE NEW WORK IS BEING PERFORMED.

DESIGN CRITERIA

- DEAD LOADS:  
BLEACHERS (INCLUDES GIRDERS)..... 8 PSF
- LIVE LOADS:  
LIVE LOAD..... 100 PSF  
SEATS..... 120 PLF  
FOOTBOARDS..... 100 PSF  
SWAY (PERPENDICULAR)..... 10 PLF  
SWAY (PARALLEL)..... 24 PLF  
GUARDRAILS AND HANDRAILS\*..... 50 PLF  
\* OR A 200 POUND CONCENTRATED LOAD APPLIED TO RAIL AT ANY POINT IN ANY DIRECTION.
- LATERAL LOADS:  
A) SEISMIC - SHORT PERIOD  
SPECTRAL RESPONSE.....  $S_s = 2.127 g$   
ONE - SECOND PERIOD  
SPECTRAL RESPONSE.....  $S_1 = 0.752 g$   
SITE CLASSIFICATION..... D  
SITE COEFFICIENT.....  $F_a = 1.000$   
SITE COEFFICIENT.....  $F_v = 1.500$   
ADJUSTED SPECTRAL RESPONSE.....  $S_{ws} = 2.127 g$   
ADJUSTED SPECTRAL RESPONSE.....  $S_{w1} = 1.128 g$   
DESIGN SPECTRAL RESPONSE.....  $S_{ds} = 1.418 g$  (2/3  $S_{ms}$ )  
DESIGN SPECTRAL RESPONSE.....  $S_{d1} = 0.752 g$  (2/3  $S_{m1}$ )  
RISK CATEGORY: III  
 $I = 1.25$   
SEISMIC DESIGN CATEGORY..... E

LATERAL SYSTEMS:

- BOTH DIRECTIONS: CH. 15 ALL OTHER SELF-SUPPORTING STRUCTURES
- R = 1.25  
Rho = 1.0  
Cs = 1.418 \*W (1.0E longitudinal)  
V = pCsW = 1.418W (1.0E strength)
- A) WIND:  
1. ULTIMATE DESIGN WIND SPEED,  $V_{ult} = 115$  mph  
2. RISK CATEGORY = III  
3. WIND EXPOSURE = C  
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT (GCpi)=0.55

CONCRETE WEDGE ANCHORS:

- ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE ANCHOR.
- APPLY PROOF TEST LOADS TO WEDGE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT & INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH & APPLY LOAD.
- TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
- THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:  
  
HYDRAULIC RAM METHOD:  
THE ANCHOR SHALL MAINTAIN THE TEST LOAD FOR A MINIMUM OF 15 SECONDS AND HAVE NO OBSERVABLE MOVEMENT DURING THE TENSION TEST. FOR WEDGE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE.

TORQUE WRENCH METHOD:  
WEDGE TYPE:  
THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS:

ONE-HALF (1/2) TURN OF THE NUT:  
ONE-QUARTER (1/4) TURN OF THE NUT FOR THE 3/8 IN. SLEEVE ANCHOR ONLY.

- TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS, AND BE IN CONFORMANCE WITH CBC 1910A.5.
- TESTING VALUES:

HILTI KB TZ ICC-ESR-1917 HARD ROCK TEST VALUES CONCRETE			
ANCHOR DIA. (IN.)	MINIMUM EMBEDMENT Innom	TORQUE (FT.-LBS.)	TENSION TEST LOAD (LBS.)
3/8	2 5/16"	25	1,285

CONCRETE - EPOXY ANCHORED THREADED RODS:

- MATERIALS: (ICC ESR 3187)  
HILTI HIT-HY200 EPOXY ADHESIVE  
CONCRETE (MIN).....  $F'_c = 3,000$  PSI STONE AGGREGATE  
THREADED RODS..... ASTM A-153 TYPICAL  
NUTS..... ASTM A-563 HEX, GRADE A
- INSTALLATION:
- CARBIDE-TIPPED DRILL BITS ANSI B212.15-1994.
- HOLES DRILLED WITH HOLLOW BIT, NO CLEANING OR BRUSHING REQUIRED.
- INSTALLATION AND ALLOWABLE LOADING:

HILTI HIT-HY200 HARD ROCK TEST VALUES CONCRETE					
ROD DIAM. (IN.)	BIT DIAM. (IN.)	MIN. EMBED. (IN.)	MIN EDGE DIST. (IN.)	TIGHT. TORQUE (FT. LBS.)	TENSION TEST LOAD (LBS.)
1/2	9/16	3-1/2	6-3/8	30	1,697

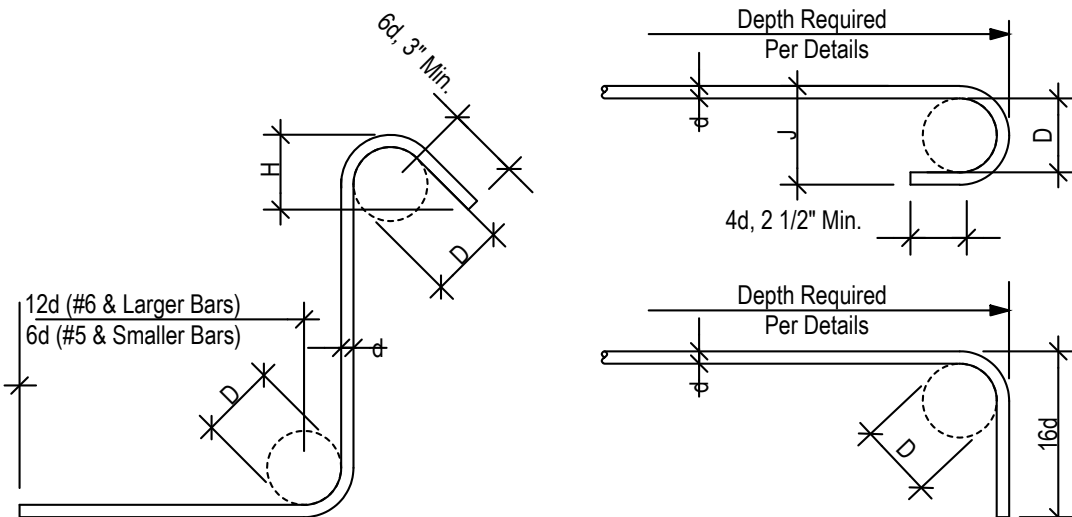
- CAPACITY LOADS ARE STRENGTH DESIGN LOADS.
- DO NOT INSTALL IN CONCRETE THAT IS LESS THAN 7 DAYS OLD.
- MINIMUM MEMBER THICKNESS TO RECEIVE ROD SHALL BE NO LESS THAN 1.5 TIMES THE ANCHOR EMBEDMENT DEPTH.
- ANCHORS SHALL BE INSTALLED IN HAMMER DRILLED HOLES

CONCRETE NOTES:

- MAXIMUM SIZE AGGREGATE SHALL BE AS FOLLOWS:  
1 1/2"  
AGGREGATE FOR CONCRETE SHALL CONFORM TO ASTM C33.  
GRADING OF AGGREGATE SHALL CONFORM TO TITLE 24, PART 2 CHAPTER 19-A, CBC.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 3,000 PSI.  
LUMP = 5" MAX. W/C RATIO IS 0.50 MAX.
- ALL REINFORCING SHALL BE ASTM A615 GRADE 40 FOR #3, GRADE 60 FOR #4 AND LARGER.  
REINF. TO BE WELDED SHALL BE ASTM A706.
- ALL DIMENSIONS SHOWN FOR LOCATION OF REINFORCING STEEL ARE TO FACE OF BAR AND DENOTE CLEAR COVERAGE. UNLESS SPECIFICALLY NOTED, CONCRETE COVERAGE SHALL BE AS FOLLOWS:  
3" FOR CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS)  
2" FOR CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS.  
PLACE REINF. AT MID-THICKNESS FOR SLABS ON GROUND.
- CONCRETE SHALL NOT BE DROPPED THROUGH REINF. STEEL (AS IN WALL) SO TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED FIVE (5) FEET AND SUFFICIENT NUMBER SHALL BE USED TO INSURE THE CONCRETE BEING LEVEL AT ALL TIMES.
- HORIZONTAL CONSTRUCTION JOINTS SHALL HAVE ENTIRE SURFACE REMOVED TO EXPOSED CLEAN AGGREGATE SOLIDLY EMBEDDED.
- ALL STEEL COLUMN BASE PLATES AND STEEL BEAMS BEARING ON CONCRETE SHALL BEAR UPON 1" DRYPACK AND LEVELING NUTS EXCEPT AS NOTED OTHERWISE.
- WHERE STEEL MEMBERS BEAR IN CONCRETE, GAPS BETWEEN BASE PLATE AND CONCRETE SHALL BE DRY-PACKED WITH GROUT AFTER STEEL IS IN PLACE. GROUT SHALL BE NON-SHRINK, CONFORMING TO ASTM C-1107 AND SHALL BE 5 KSI MINIMUM.+
- PROVIDE MINIMUM LAP SPLICES FOR CONTINUOUS REINFORCEMENT PER THE SCHEDULE PROVIDED BELOW. PROVIDE MINIMUM DEVELOPMENT FOR HOOKED BARS PER THE SCHEDULE BELOW.

TYPICAL LAP SPLICES AND DEVELOPMENT U.N.O. PER PLAN  
3000 psi Conc., 60 ksi Rebar, 2" Clr. Min.

Bar Size	Hook Dev. Length (Ldh)	Lap Splice
#3	6"	17"
#4	8"	23"
#5	10"	28"
#6	12"	34"
#7	14"	49"



STANDARD TIES & STIRRUPS

Bar Size	D	H
#3	1 1/2"	2 1/2"
#4	2"	3"
#5	2 1/2"	3 3/4"
#6	4 1/2"	4 1/2"
#7	5 1/4"	5 1/4"
#8	6"	6"

NOTE: All bar bend diameters and end lengths must conform to the CRSI Manual of Standard Practice.

STANDARD END HOOKS

Bar Size	D	J
#3	2 1/4"	3"
#4	3"	4"
#5	3 3/4"	5"
#6	4 1/2"	6"
#7	5 1/4"	7"
#8	6"	8"
#9	9 1/2"	11 3/4"
#10	10 3/4"	13 1/4"

STRUCTURAL STEEL:

- CODES: AISC SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS: MANUAL OF STEEL CONSTRUCTION (14TH EDITION); STRUCTURAL WELDING CODE AWS D1.1 AND AWS D1.4. PIPES SHALL BE IDENTIFIED WITH MILL IDENTIFICATION IN ACCORDANCE WITH ASTM A-53 AND TUBE SHAPES IN ACCORDANCE WITH ASTM A-500.
- IDENTIFICATION: ROLLED STRUCTURAL STEEL SHAPES SHALL BE IDENTIFIED WITH MILL IDENTIFICATION MARKS IN CONFORMANCE WITH ASTM A6.
- MATERIALS:  
STRUCTURAL SHAPES  
WIDE FLANGE..... ASTM A992/A572,  $F_y = 50$  ksi (Gr. 50) U.N.O.  
CHANNELS AND ANGLES..... A529,  $F_y = 50$  ksi (Gr. 50)  
SWAYRODS..... A529,  $F_y = 50$  ksi (Gr. 50)  
HSS SHAPES (TUBE COLUMNS)..... ASTM A-500 GRADE B - 46 KSI  
PLATES..... A529/A572,  $F_y = 50$  ksi (Gr. 50)  
BOLTS..... ASTM A-307, TYPICAL U.N.O (HOT DIP GALVANIZED)  
NUTS..... HEAVY HEX (HOT DIP GALVANIZED)  
NON-SHRINK GROUT..... ASTM C-1107 7,000 PSI (NON-METALLIC)  
ANCHOR BOLTS..... ASTM A36 OR ASTM A307 Gr. 2  $F_y = 36$  ksi (HOT DIP GALVANIZED)
- WELDING: ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.1. WELDS ARE ALL AROUND WITH TYPE E70S-6 WIRE MIG U.N.O.
- ALL STEEL SHALL BE HOT DIP GALVANIZED TO CURRENT A.S.T.M. A-123.
- ALL FIELD CONNECTIONS ARE NON-SLIP CRITICAL U.N.O. ALL CONNECTIONS ARE DESIGNED TO UTILIZE A307 BOLTS. IT IS ACCEPTABLE TO USE A325N BOLTS IN LIEU OF THE A307 BOLTS. THE INSTALLATION OF THESE BOLTS ARE TO BE TIGHTENED A SNUG TIGHT CONDITION AS SPECIFIED BY AISC.
- SWAYROD THREADS SHALL BE PINGED WITH A HAMMER TO ELIMINATE REMOVAL OF NUT, AFTER FINAL TIGHTENING.

ALUMINUM:

- MATERIALS: ALUMINUM  
SHAPES.....ALLOY 6061-T6 OR 6005-T5 ( $F_y = 35$  KSI)  
PLANKING.....ALLOY 6063-T6 ( $F_y = 25$  KSI)
  - DISSIMILAR MATERIALS: WHERE ALUMINUM SURFACES ARE IN CONTACT WITH STEEL, THE STEEL SHALL BE GALVANIZED.
  - MILL FINISHED ALUMINUM WILL BECOME DISCOLORED DUE TO OXIDATION WHICH IS A NATURAL PHENOMENON & SHOULD BE EXPECTED.
  - ANODIZED ALUMINUM HANDRAIL IS 1 1/4" PIPE SIZE.
  - ALUMINUM TO CONFORM TO 2015 ALUMINUM DESIGN MANUAL.
- SPECIAL INSPECTION/INSPECTOR REQUIREMENTS  
REQUIREMENTS FOR SPECIAL INSPECTION:
- PROJECT INSPECTOR: IN ACCORDANCE WITH TITLE 24, PART I, SECTIONS 4-333 AND 4-342.
  - CERTIFIED SPECIAL INSPECTOR: EMPLOYED BY THE DISTRICT AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND DSA.
  - REPORTS: PREPARED BY THE SPECIAL INSPECTOR AND SIGNED BY A CIVIL ENGINEER, SUBMITTED TO THE DSA, THE ARCHITECT, IOR, AND ENGINEER. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE ARCHITECT, ENGINEER, IOR AND THE DSA (CBC 1704A.2.4).
  - THE SPECIAL INSPECTION IS TO BE CONTINUOUS DURING THE PERFORMANCE OF THE WORK UNLESS OTHERWISE SPECIFIED.

SUMMARY OF STRUCTURAL CONTINUOUS AND PERIODIC SPECIAL INSPECTION:

- RESPONSIBILITY: IT IS THE RESPONSIBILITY OF THE PROJECT INSPECTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION.
- SPECIAL INSPECTIONS:  
A) CONCRETE (CBC 1705A.3): DURING THE TAKING OF TEST SPECIMENS AND PLACING OF REINFORCED CONCRETE.  
  
B) BOLTS INSTALLED IN CONCRETE (CBC 1705A.3): PRIOR TO AND DURING THE PLACEMENT OF CONCRETE AROUND BOLTS.  
  
C) REINFORCING STEEL (CBC 1705A.3): DURING PLACING OF REINFORCING STEEL FOR ALL CONCRETE SPECIFIED TO HAVE SPECIAL INSPECTION.  
  
D) STRUCTURAL WELDING AND FABRICATION (CBC 1705A.2):  
E) AND AS REQUIRED ON THE APPROVED DSA-103 FORM.  
I. DURING ALL SHOP AND FIELD WELDING IN ACCORDANCE WITH AWS D1.1 DURING SHOP FABRICATION.  
II. WELDING INSPECTORS ARE TO BE AWS QC-1 CERTIFIED.  
IV. INSPECTION SHALL BE PER AWS D1.1, D1-3 OR D1.4 AND INCLUDE VERIFICATION THAT THE WPS IS BEING FOLLOWED.  
V. ALL STEEL AND WELDING MATERIALS SHALL BE IDENTIFIED AS REQUIRED BY THEIR ASTM OR AWS STANDARD.  
VI. ALL SUBMITTED TO THE OWNER AND IOR BY THEIR WELDING INSPECTOR, NOT THE BLEACHER FABRICATOR.  
  
E) CONCRETE ANCHORS: FOR ALL THREADED ROD AND REINFORCING STEEL ANCHORED WITH EPOXY ADHESIVE IN CONCRETE: FOR ALL EXPANSION ANCHORS IN CONCRETE. INSPECTION / TESTING SHALL BE IN CONFORMANCE WITH THE ANCHOR MANUFACTURER'S EVALUATION REPORT AND SHALL INCLUDE AS A MINIMUM VERIFICATION OF HOLE DEPTH AND DIAMETER, CLEAN OUT, ALL MATERIALS, INSTALLATION TORQUE AND PROOF LOAD TESTS. AND AS REQUIRED ON THE APPROVED DSA-103 FORM, REPORTS OF ANY AND ALL FAILED TESTS AND UNSATISFACTORY INSPECTIONS SHALL BE SENT DSA.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118022 INC.  
REVIEWED FOR  
SS ☐ FLS ☐ ACS ☐  
DATE: 02/24/2020

STRUCTURAL ENGINEERS

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Fax: (626) 575-3881  
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801 Fifth Street.  
Phone: 940/549-0733 Fax: 940/549-1565  
BLEACHER COMPANY  
ESTABLISHED 1946

REGISTERED PROFESSIONAL ENGINEER  
BRYAN T. DEAN  
S 6087  
Exp. 06/30/21  
STRUCTURAL  
STATE OF CALIFORNIA  
SAS  
01/29/2020  
PRINCIPAL

GENERAL NOTES  
8" RISE X 24" TREAD ANGLE FRAME BLEACHER

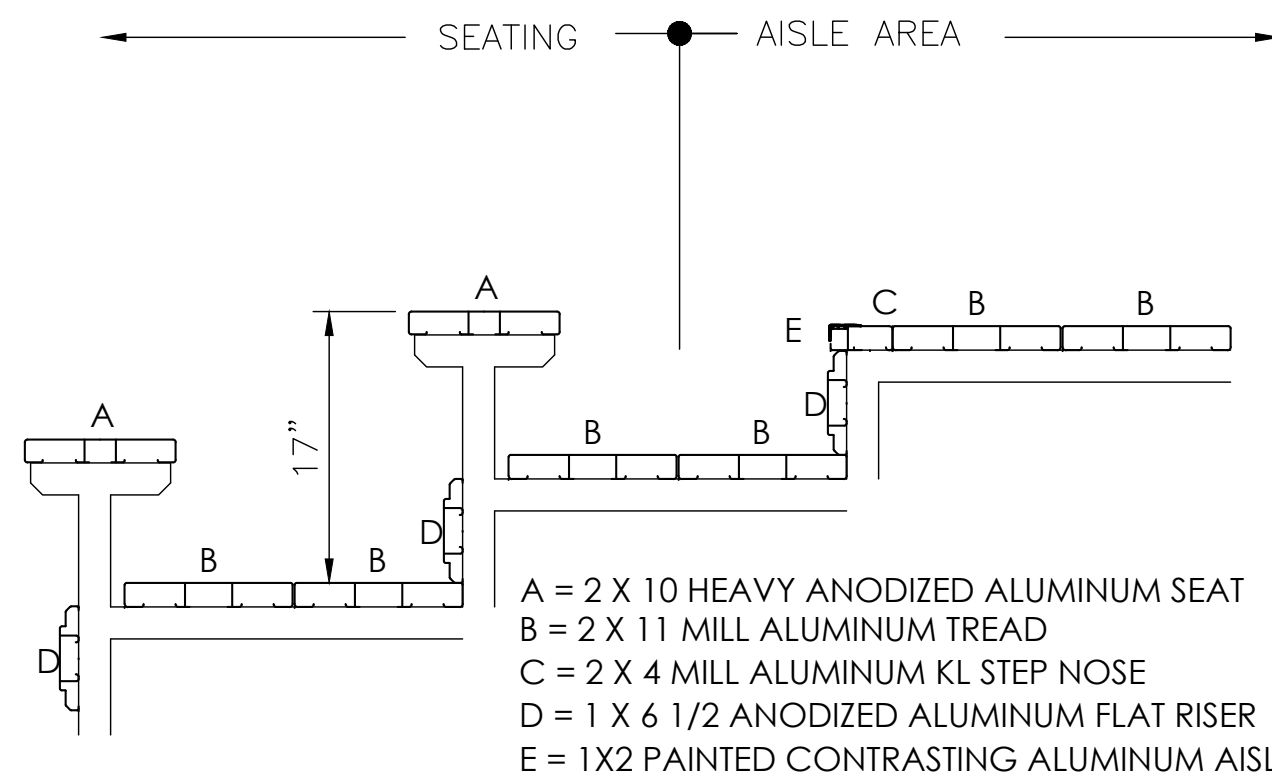
SALANO COMMUNITY COLLEGE  
BASEBALL, TRACK, SOCCER  
FAIRFIELD, CALIFORNIA

REV	BY	DATE	DESCRIPTION
1	BU	11/22/19	DATE
2	BU	11/22/19	DATE
3	BU	11/22/19	DATE
4	BU	11/22/19	DATE
5	BU	11/22/19	DATE
6	BU	11/22/19	DATE
7	BU	11/22/19	DATE
8	BU	11/22/19	DATE
9	BU	11/22/19	DATE
10	BU	11/22/19	DATE

JOB NUMBER 19364	SHEET B2	OF B7
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22" X 34" (11x17 = 1/2 indicated scale)





1 PLANK ARRANGEMENT  
1" = 1'-0" 8" X 24"

ITEM DESCRIPTION

- 1 L 1 1/2 X 1 1/2 X 3/16 GALV. (50 ksi)
- 2 L 2 X 1 1/2 X 3/16 LLV GALV. (50 ksi)
- 3 L 2 X 2 X 3/16 GALV. (50 ksi)
- 4 L 2 1/2 X 2 X 3/16 LLV GALV. (50 ksi)
- 5 L 3 X 3 X 1/4 GALV. (50 ksi)
- 6 ANODIZED ALUMINUM RAIL (18/87)
- 7 9 GAUGE GALV. CHAIN LINK FENCE (2" SQUARE MESH)
- 8 L 2 X 1 1/2 X 3/16 LLV ALUMINUM (6061-T6 ALLOY)
- 9 L 2 X 2 X 3/16 ALUMINUM (6061-T6 ALLOY)
- 10 1 5/8 SCH. 40 ANODIZED ALUMINUM PIPE (6061-T6 ALLOY) (17/87)
- 11 3/8" STAINLESS STEEL CONCRETE WEDGE ANCHOR TEST LOAD = 1285# (8/86)
- 12 1/2" HDG THREADED ROD WITH HILTI HIT-HY 200 EPOXY W/ 3 1/2" EMBEDMENT TEST LOAD 1697#

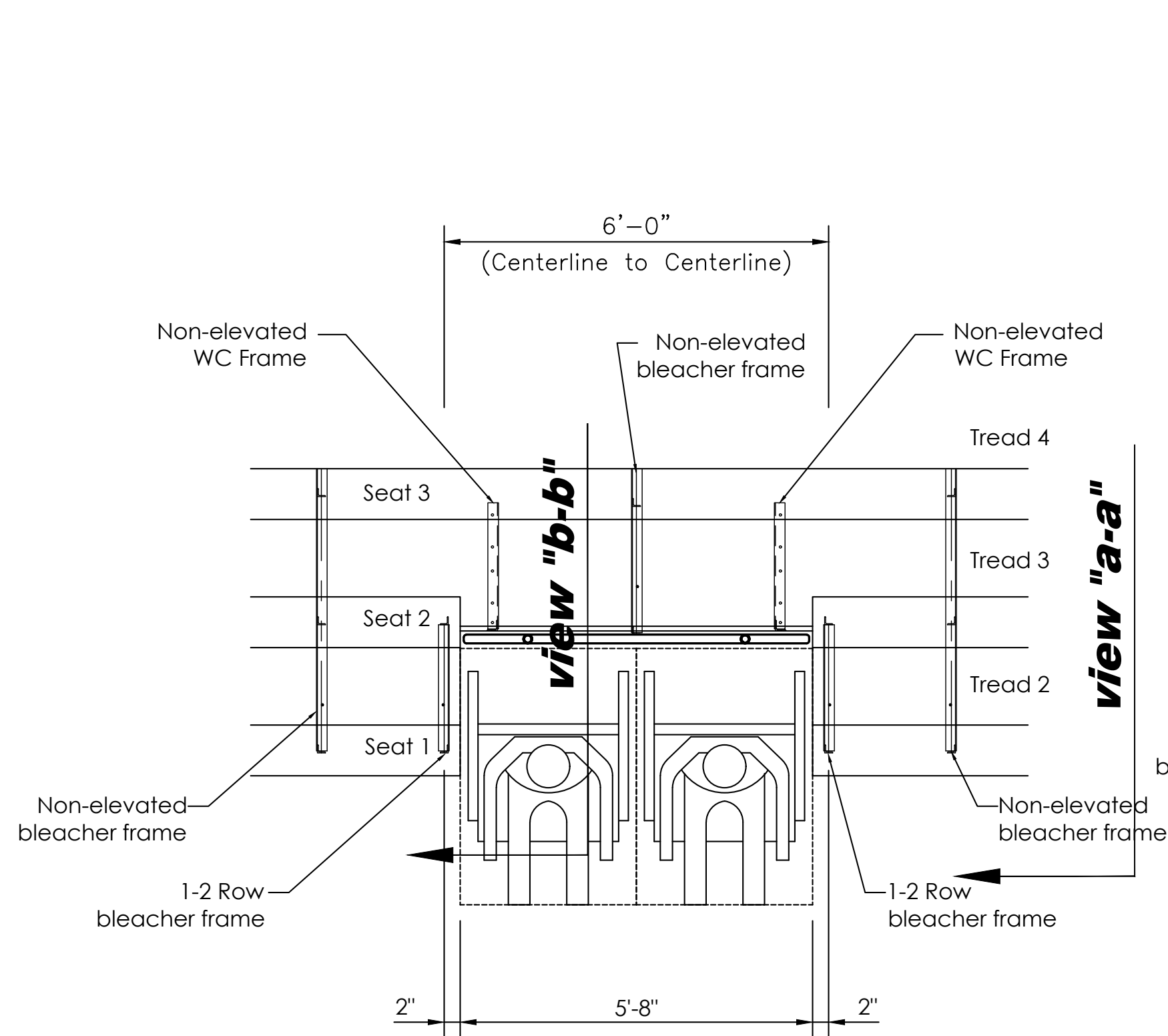
SEE DETAIL (3/87) FOR ANCHOR QUANTITIES PER FRAME

NOTES

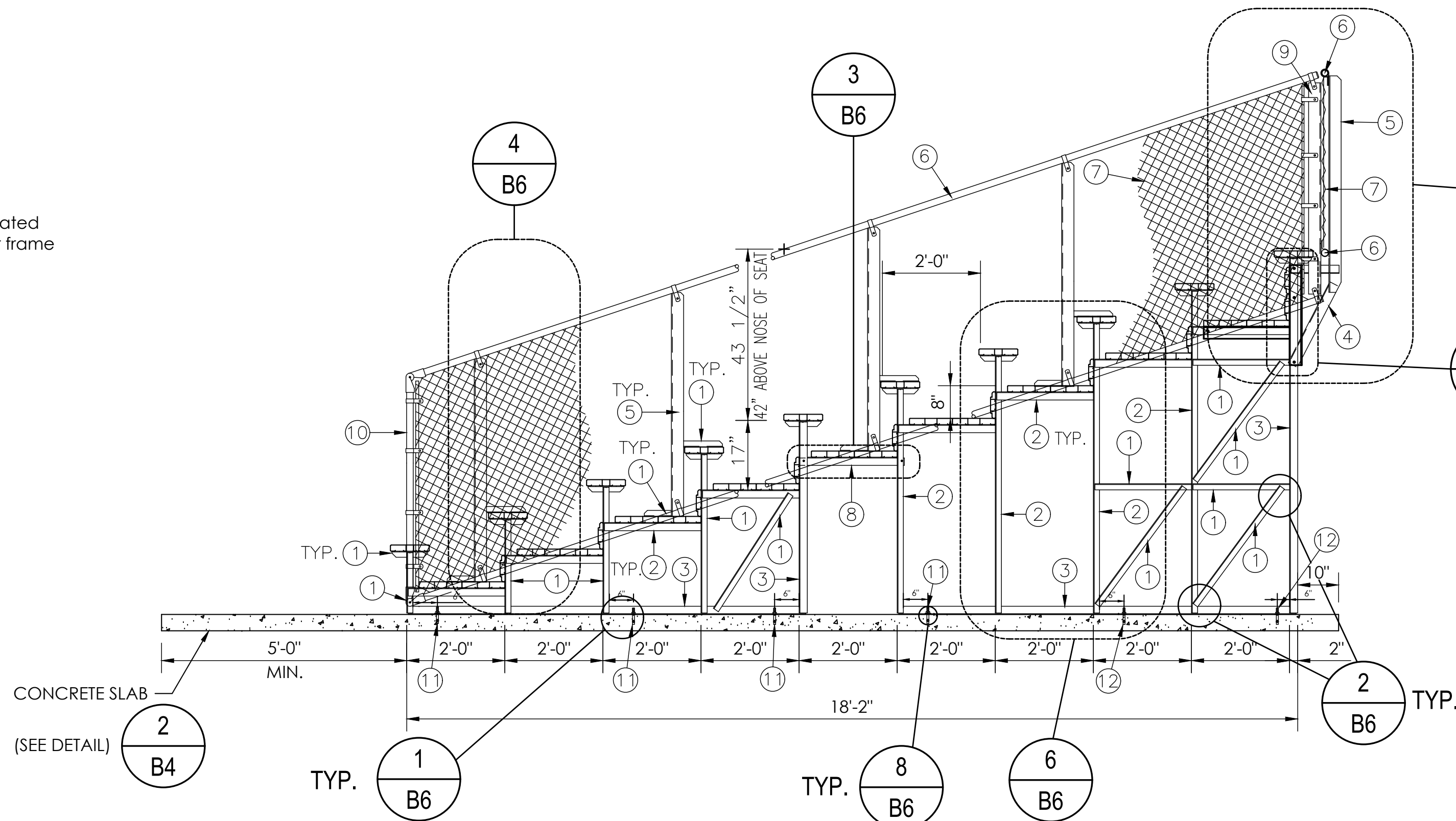
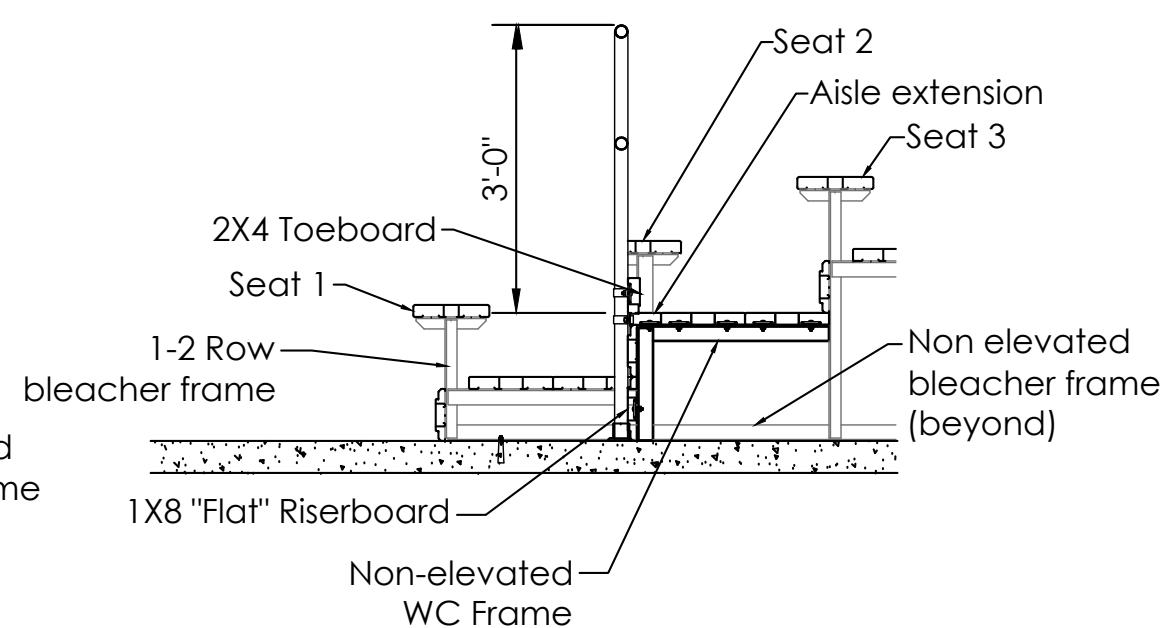
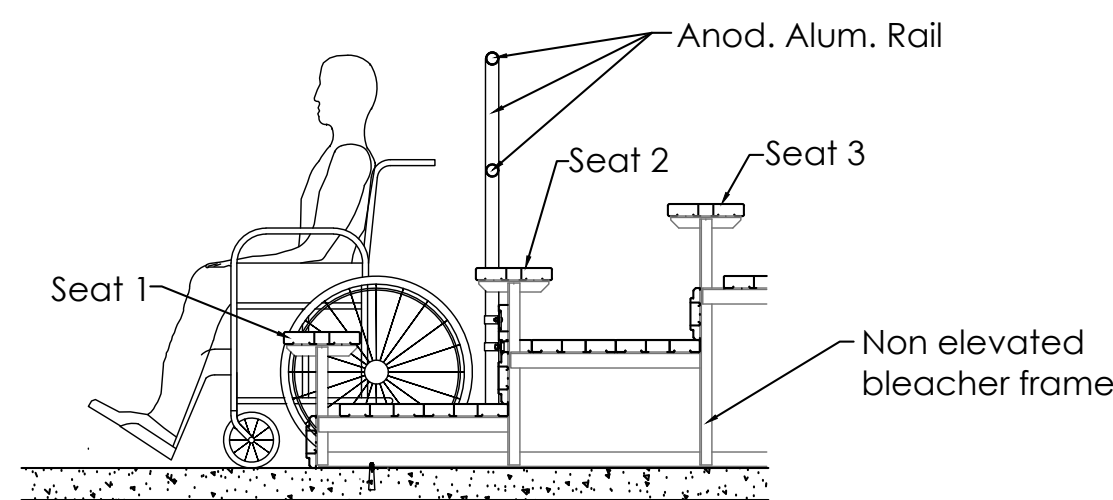
1. STRUCTURAL SHAPES MEET ONE OF THE FOLLOWING ASTM SPECIFICATIONS: A572 GRADE 50, A529-50, OR A500 GRADE B.
2. WELDS ARE ALL AROUND WITH TYPE ER70S-6 WIRE MIG.
3. ALL STEEL TO BE HOT DIPPED GALVANIZED TO A.S.T.M. A-123-89 ae1.
4. STRUCTURAL BOLTS ARE HOT DIPPED GALV. AND ARE EQUAL TO OR GREATER THAN A-307.
5. ANODIZED ALUMINUM RAIL IS 1 1/4" NOMINAL PIPE SIZE: (18/87)
6. ANODIZED ALUMINUM SCH. 40 PIPE IS 1 1/4" NOMINAL PIPE SIZE: (17/87)

DESIGN LOADING

TREAD & SEAT AREA (GROSS AREA) 100psf.  
SEAT (PERPENDICULAR SWAY) 10 lbs/lf.  
SEAT (PARALLEL SWAY) 24lbs/lf.  
HANDRAILS (PERPENDICULAR) 50 lbs/lf.  
HANDRAILS (VERTICAL) 100 lbs/lf.  
SEAT & TREAD 120 lbs/lf.



2 DOUBLE NON-ELEVATED WHEELCHAIR AREA DETAIL  
SCALE: NONE



3 SIDE VIEW: 10 ROW NON-ELEVATED  
SCALE: NONE

STRUCTURAL ENGINEERS  
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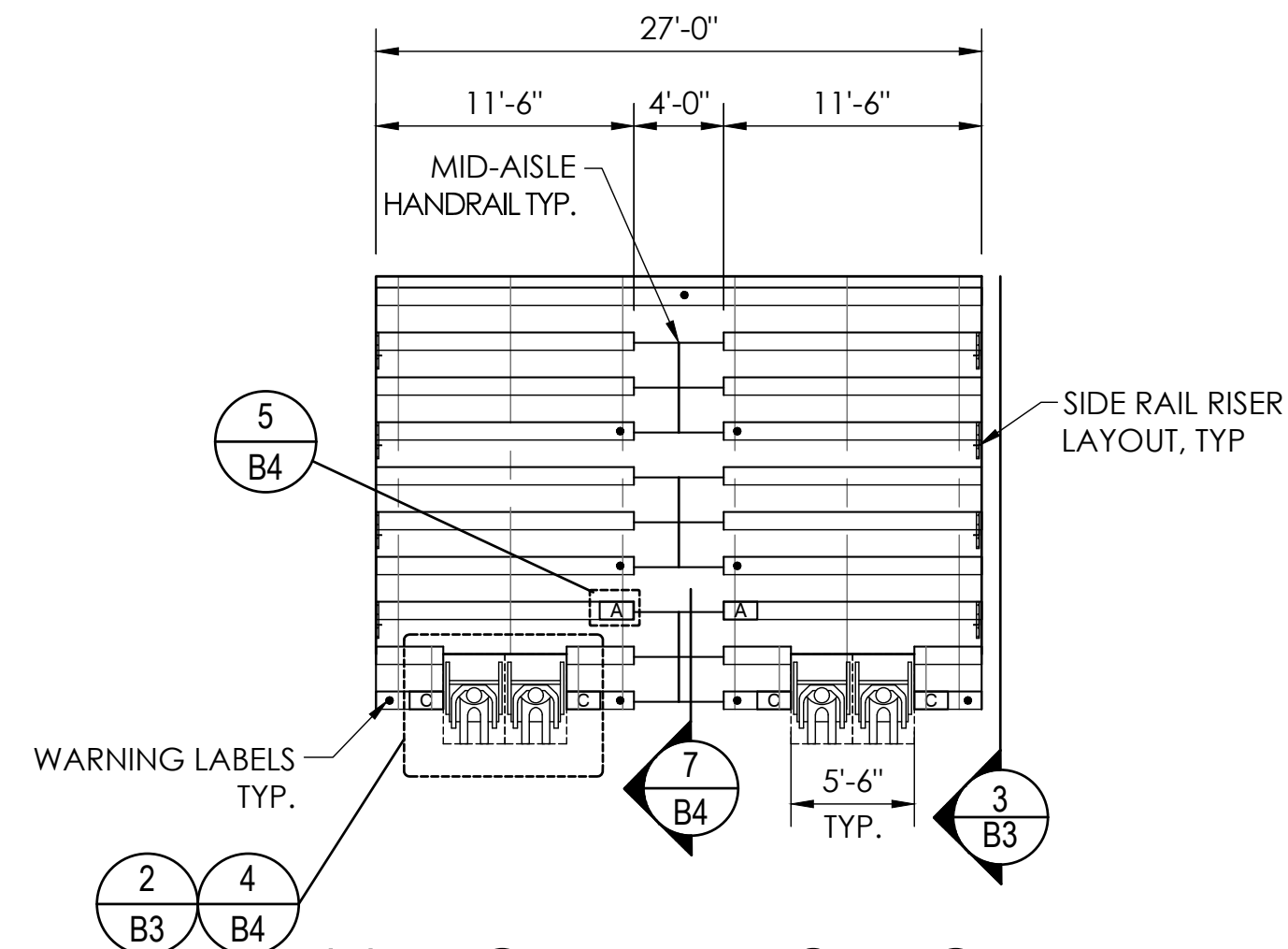
SIDE VIEW  
8" RISE X 24" TREAD ANGLE FRAME BLEACHER  
TITLE  
SALANO COMMUNITY COLLEGE  
BASEBALL, TRACK, SOCCER  
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DMc  
JOB NUMBER  
19364  
SHEET  
B3  
OF  
B7  
DSA COMMENTS  
BU 1/8/20



126 TOTAL NET 18" SEATS  
4 TOTAL NET 33" WHEELCHAIR SPACES  
4 TOTAL NET 18" COMPANION SEATS  
2 TOTAL NET 18" AISLE SEATS  
136 TOTAL SEATING CAPACITY

- 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 FOR BLEACHER SUBSTRUCTURE AND MIN. REQUIREMENTS FOR WHEELCHAIR ACCESS.

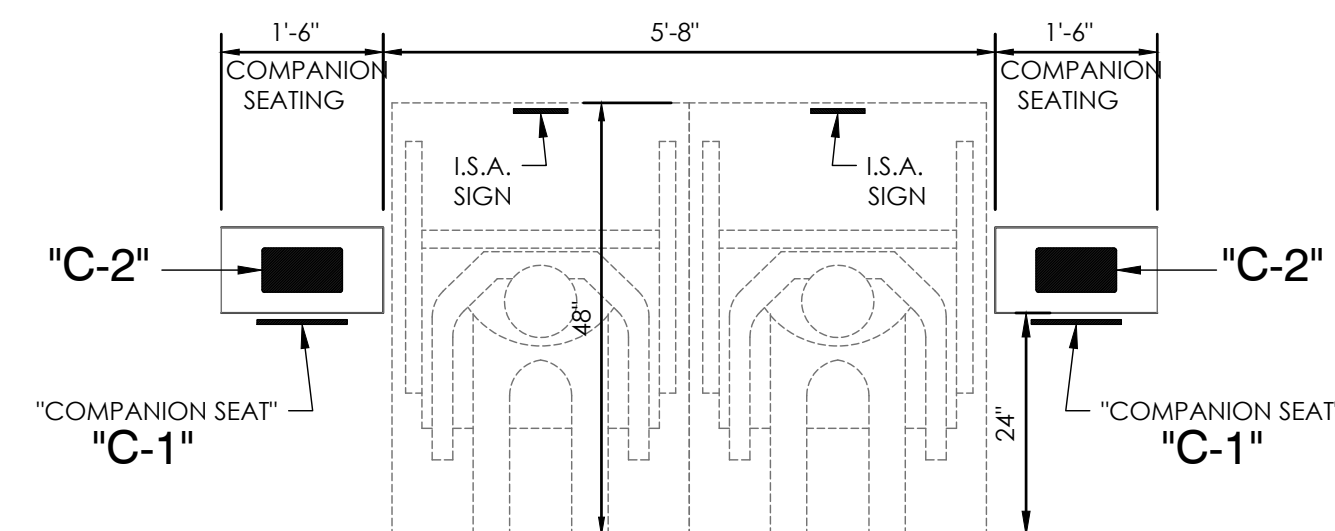


(2) - TOTAL UNITS REQUIRED

(1) - UNIT BASEBALL

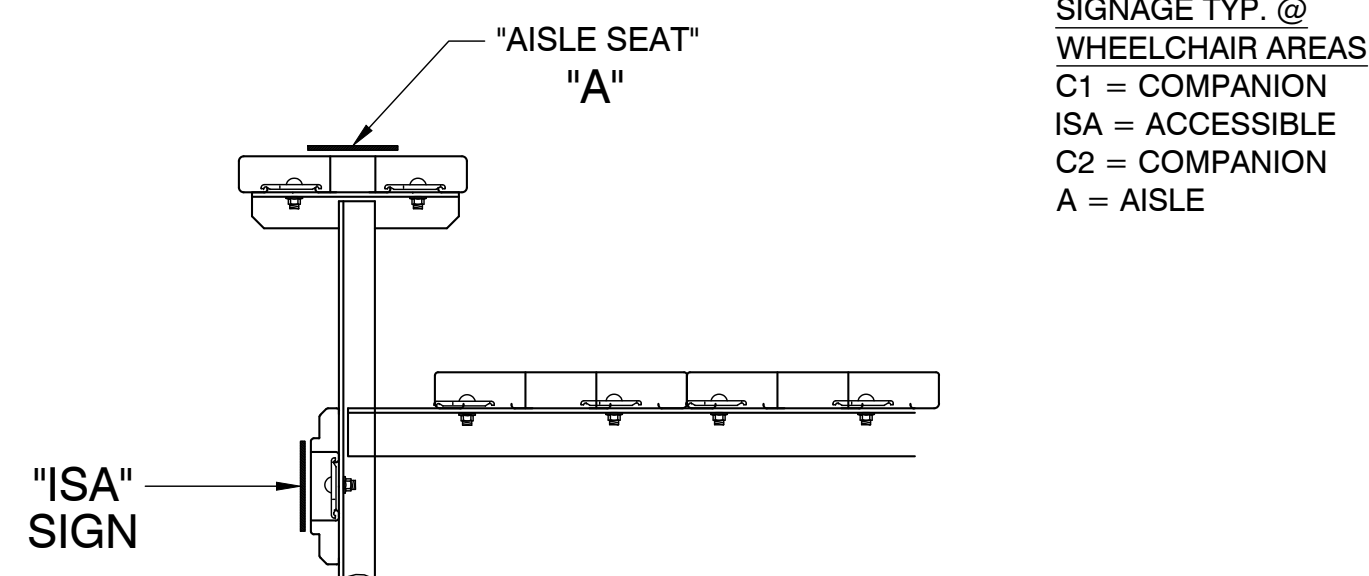
(1) - UNIT SOCCER

1 SEATING LAYOUT - 10 ROW  
SCALE: 1/8" = 1'-0"

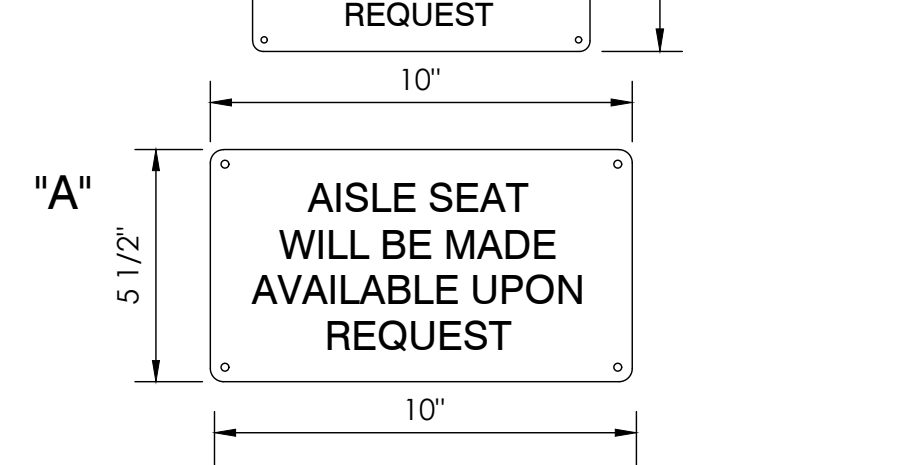
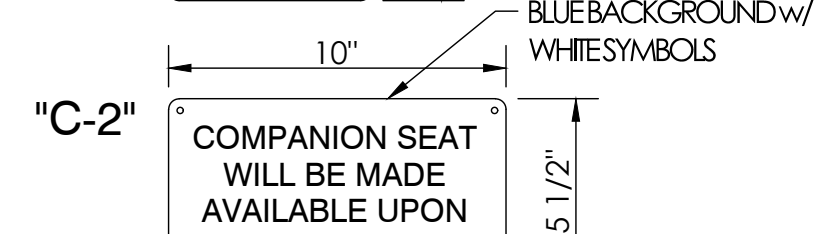
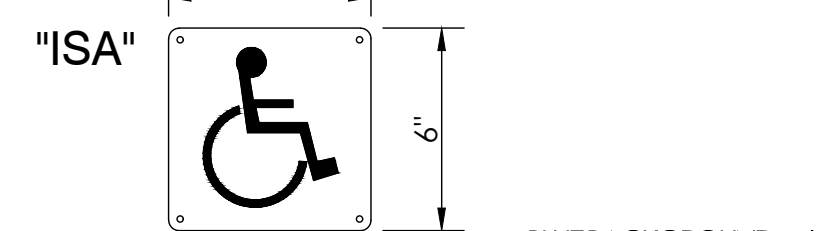
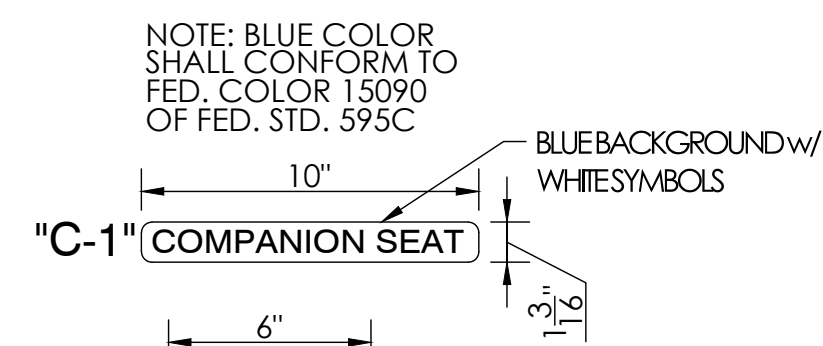


ICC/ANSI A117.1 CHAPTER 8  
FRONT OR REAR ACCESS 48" MIN.  
SIDE ACCESS 60" MIN.

4 WHEELCHAIR AREA SIGNAGE DETAIL  
NOT TO SCALE

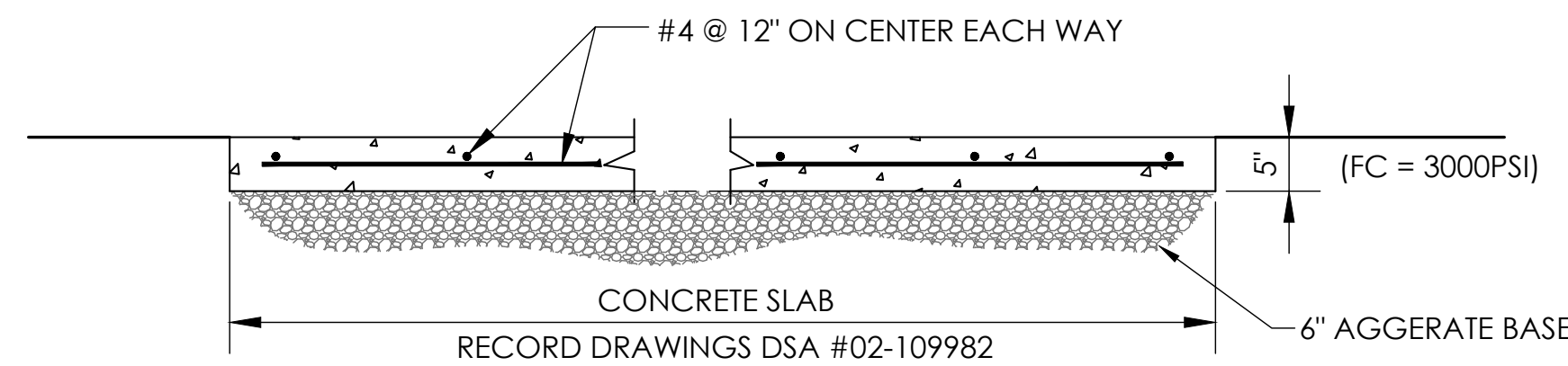


5 AISLE SEAT SIGNAGE DETAIL  
NOT TO SCALE

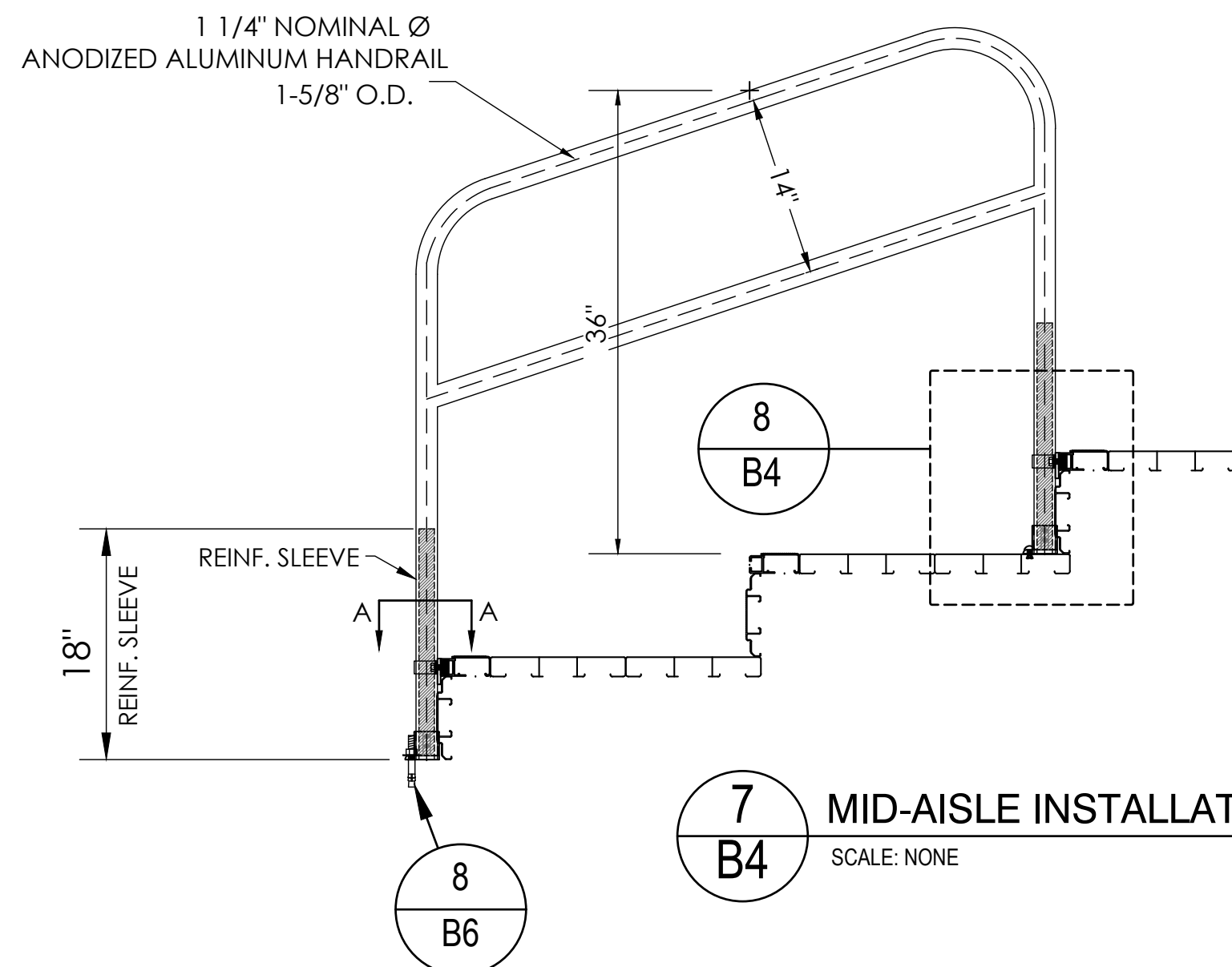
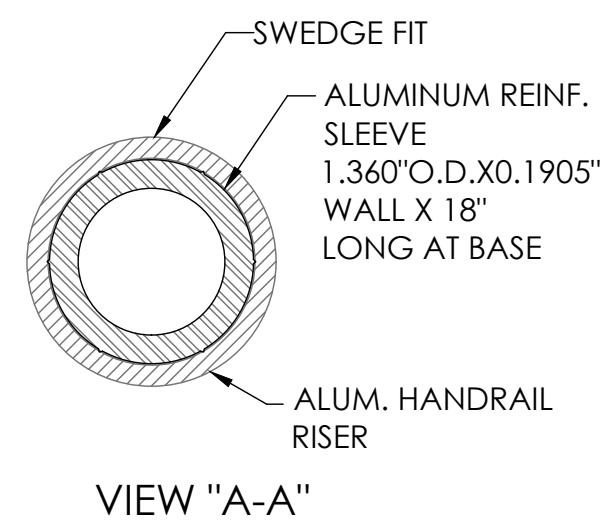


6 SIGNAGE & SEAT TYPE LEGEND  
NOT TO SCALE

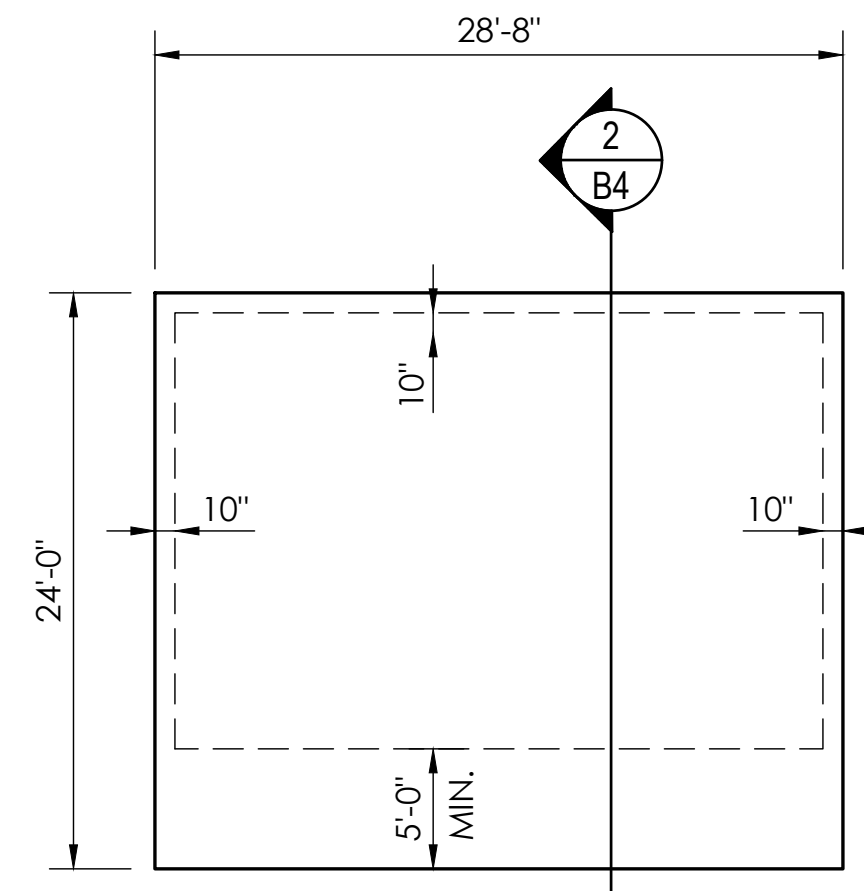
ANGLE FRAME UNITS MUST BE ANCHORED TO RESIST WIND LOADS, AS PRESCRIBED BY BUILDING CODE.



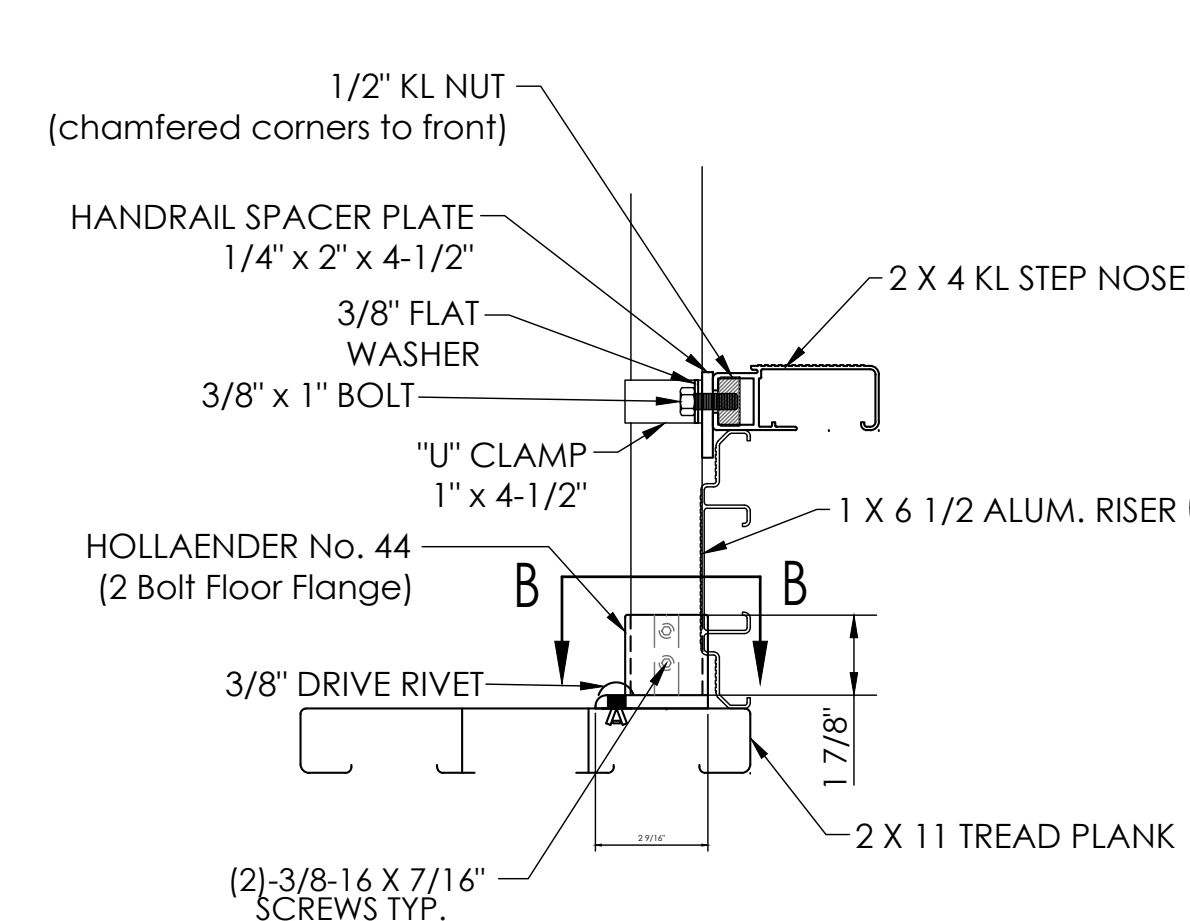
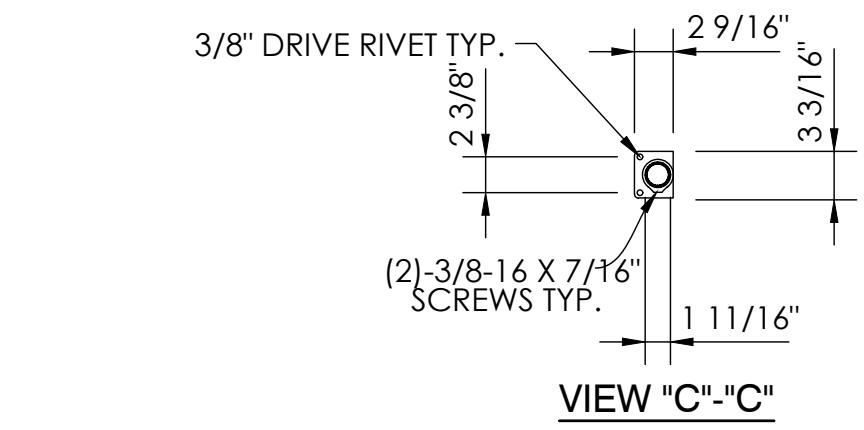
2 CONCRETE SLAB DETAIL  
SCALE: NONE



7 MID-AISLE INSTALLATION DETAIL  
SCALE: NONE



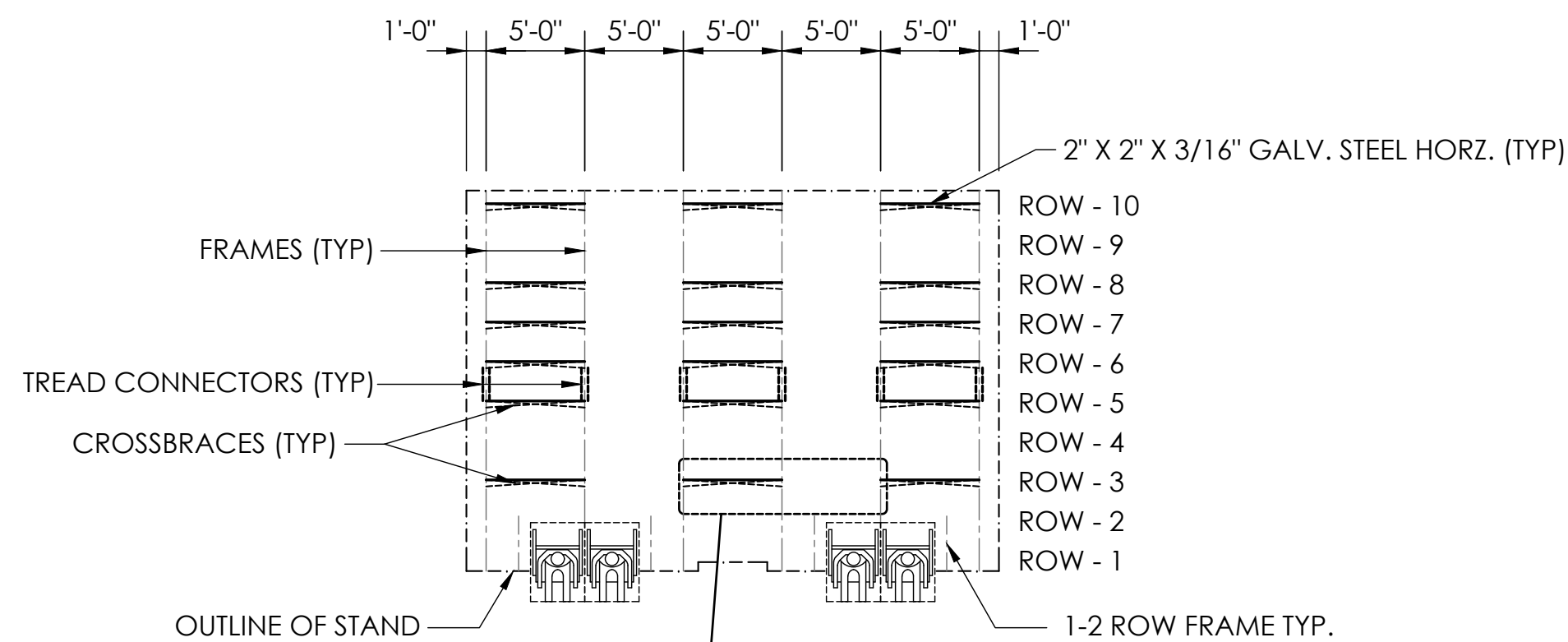
3 CONCRETE LAYOUT - 10 ROW  
SCALE: 1/8" = 1'-0"



8 CONN. DETAIL  
NOT TO SCALE

TAYLOR & SYFAN		Southern BLEACHER COMPANY	
STRUCTURAL ENGINEERS		GRANDSTANDS • BLEACHERS • STADIUMS	
CENTRAL OFFICE 553 S. Oak Knoll Ave. Pasadena, CA 91101 Ph: (626) 799-7488 Fax: (626) 799-3881 http://www.sycorp.com		PO Box One, Graham, Texas 76450 801 Fifth Street. Phone: 940/549-0733 Fax: 940/549-1565 Established 1946	
REGISTERED PROFESSIONAL ENGINEER BRYAN T. DEAN S 6087 Exp. 06/30/21 STRUCTURAL STATE OF CALIFORNIA		S&S 01/29/2020 PRINCIPAL	
SEATING / CONCRETE LAYOUT 8" RISE X 24" TREAD ANGLE FRAME BLEACHER		SALANO COMMUNITY COLLEGE BASEBALL, TRACK, SOCCER FAIRFIELD, CALIFORNIA	
REV	BY	DATE	DESCRIPTION
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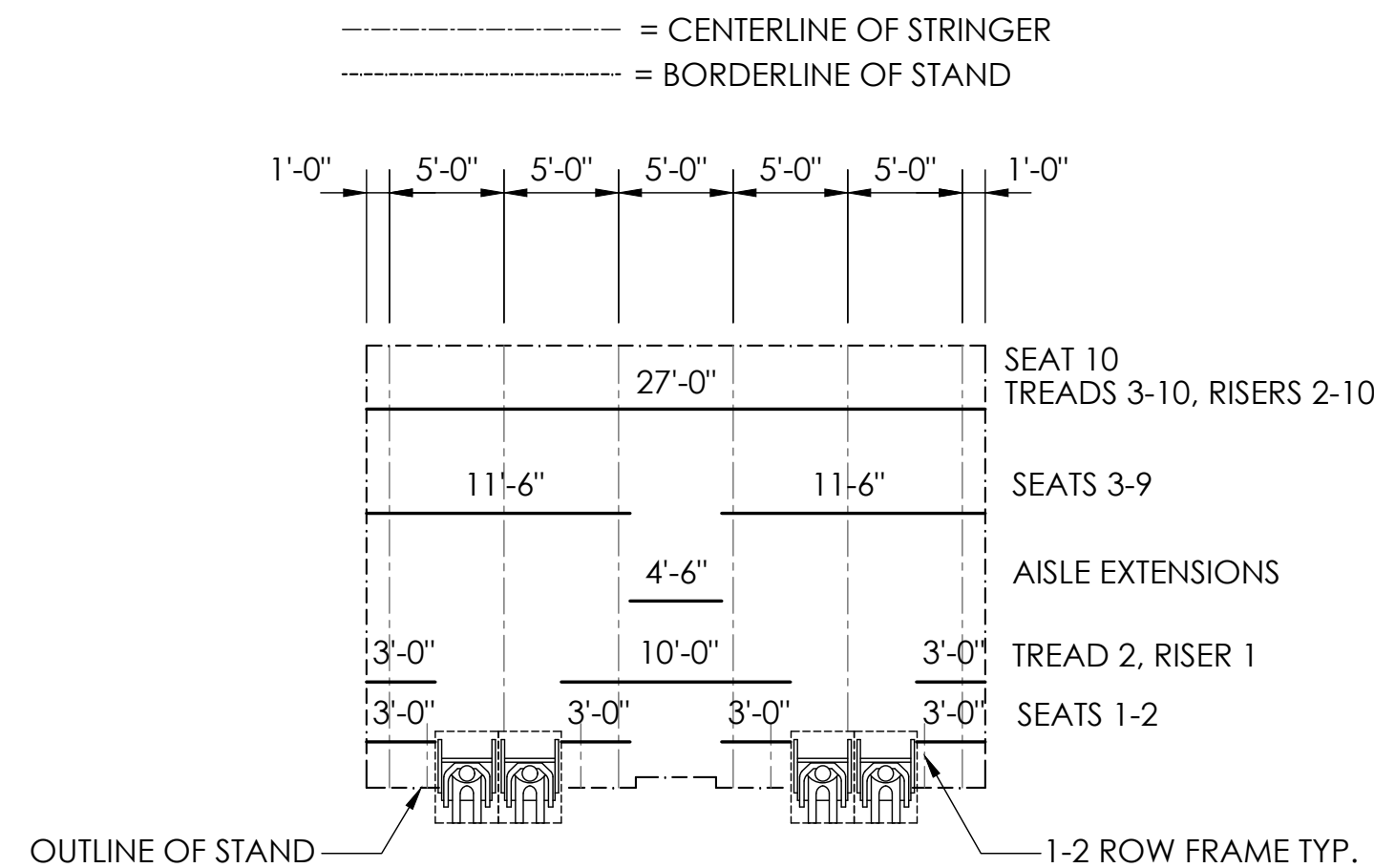




1  
B5  
CROSSBRACE LAYOUT  
SCALE: 1/8" = 1'-0"

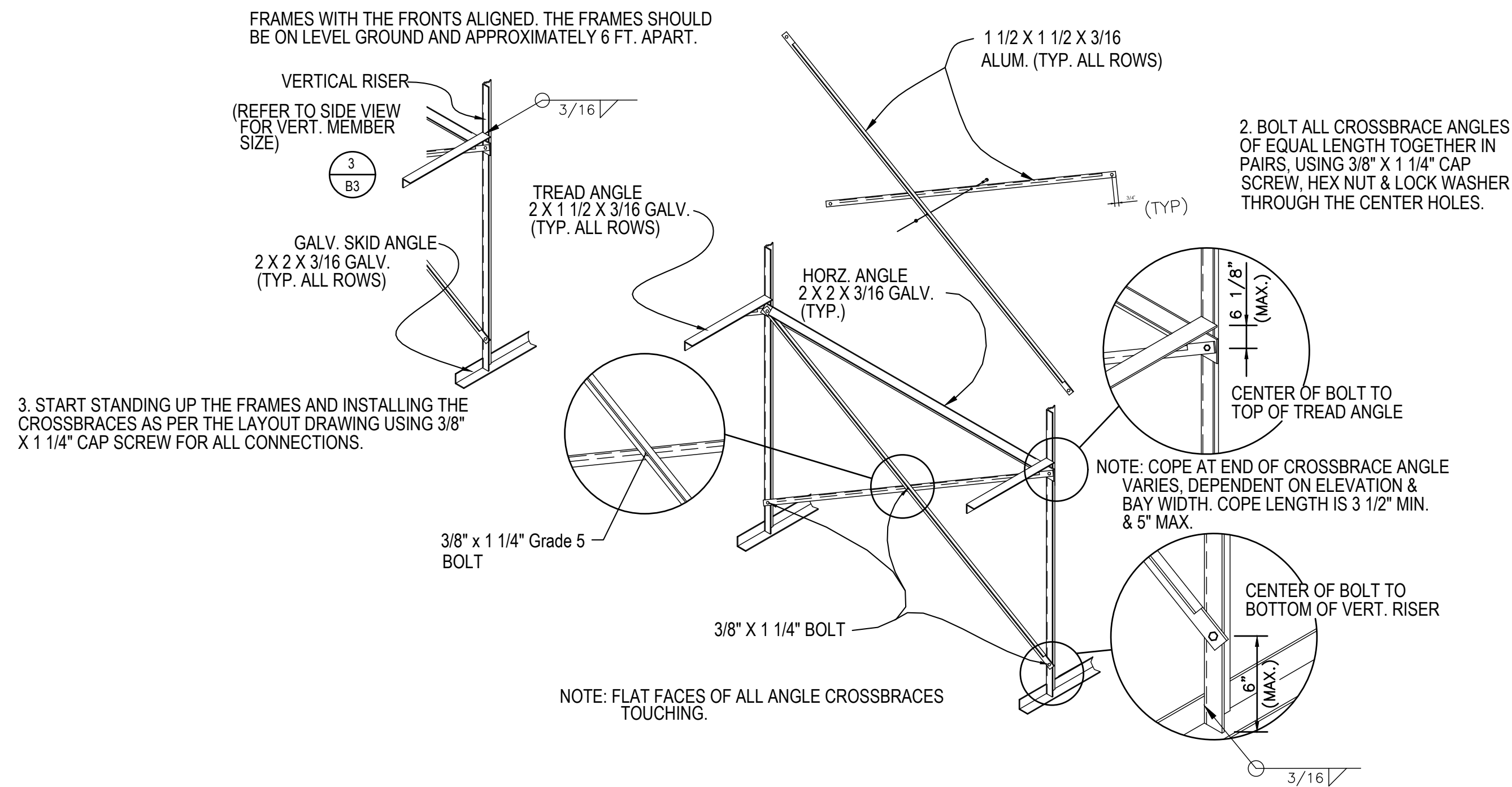
### PLANK LEGEND 10-ROWS

SEATS 1-10 = 1-2 X 10 ANODIZED ALUMINUM SEAT  
TREADS 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  
AISLE EXTENSIONS = 1-2 X 4 MILL ALUMINUM KL STEP NOSE  
1X2 PAINTED CONTRASTING ALUMINUM AISLE NOSING (BLACK)



NOTE: ALL ALUMINUM TREAD/RISER PLANKS TO RUN CONTINUOUS EXCEPT ROW # 2 TREAD & ROW #1 RISER WHICH STOP AND START AT W/C LOCATIONS. (SEE LAYOUT ABOVE)

2  
B5  
PLANK LAYOUT  
SCALE: 1/8" = 1'-0"

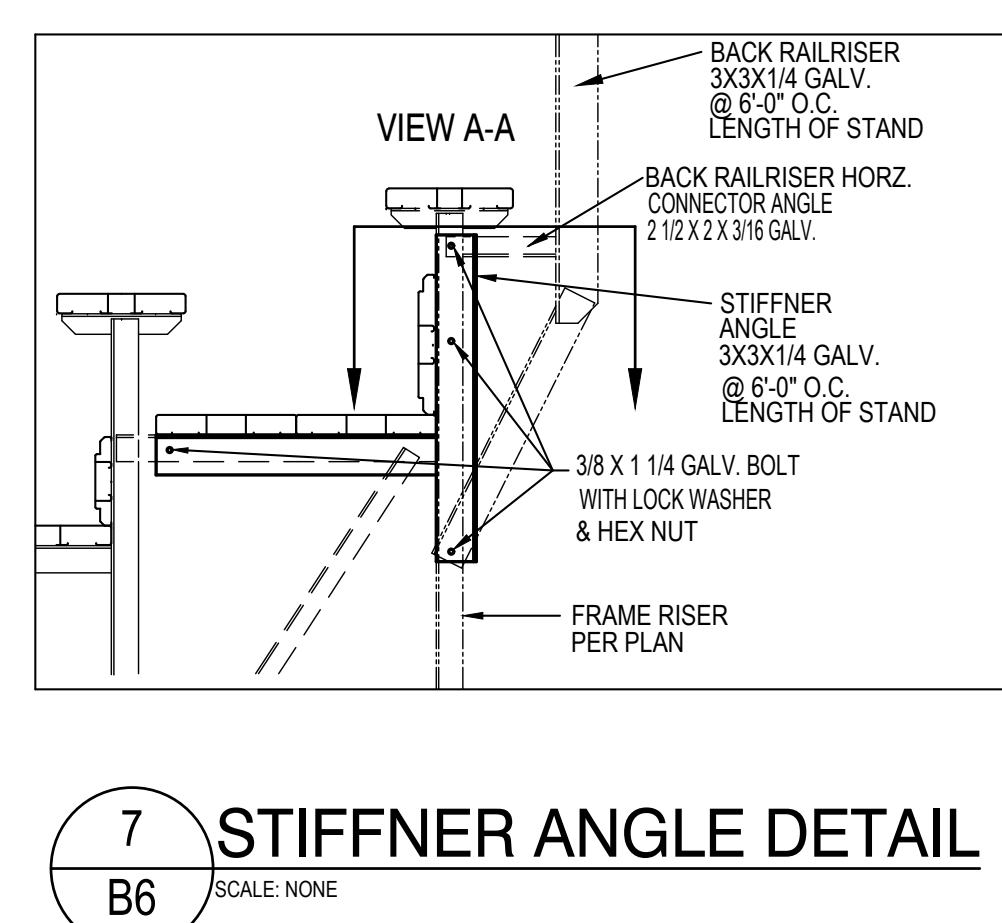
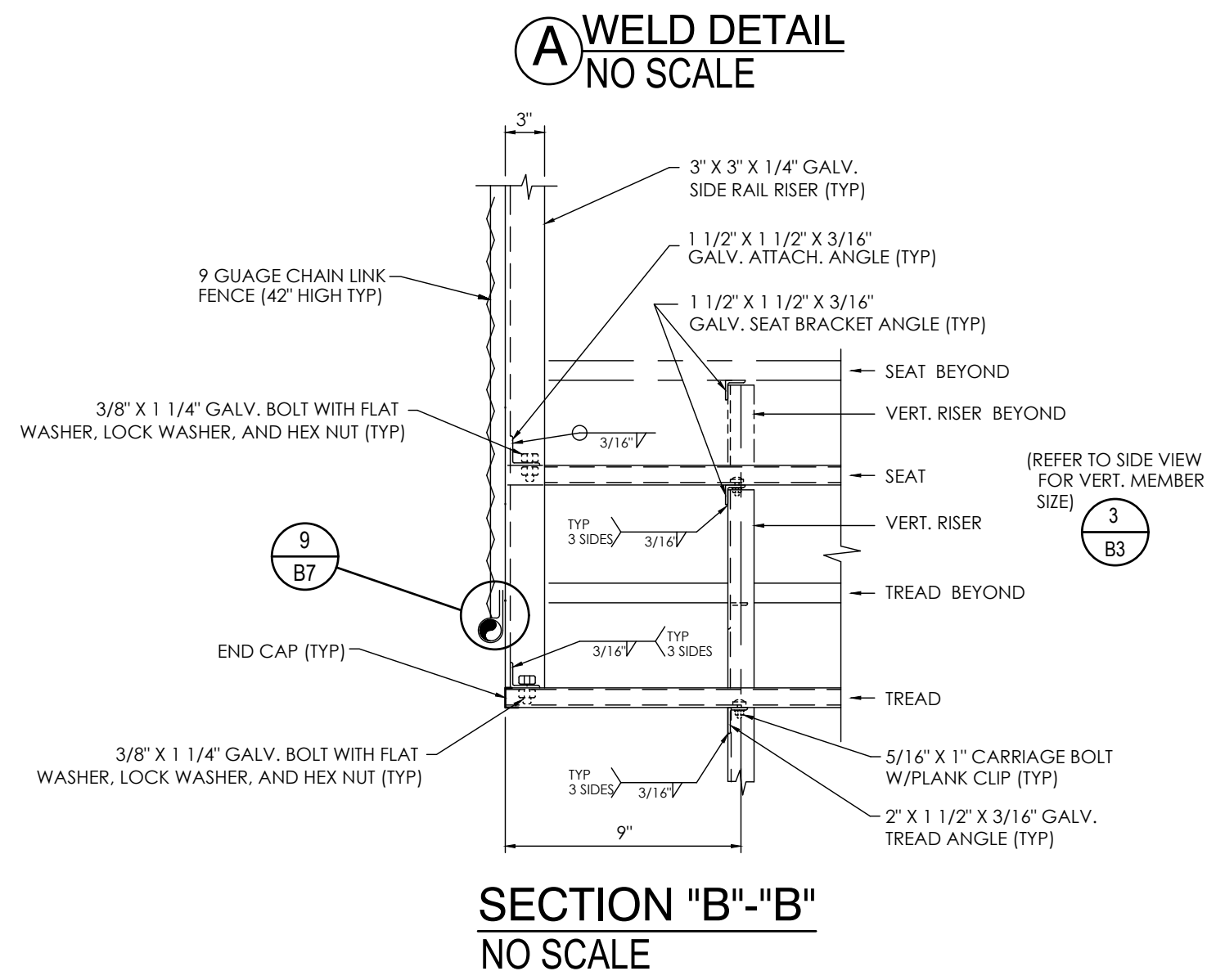
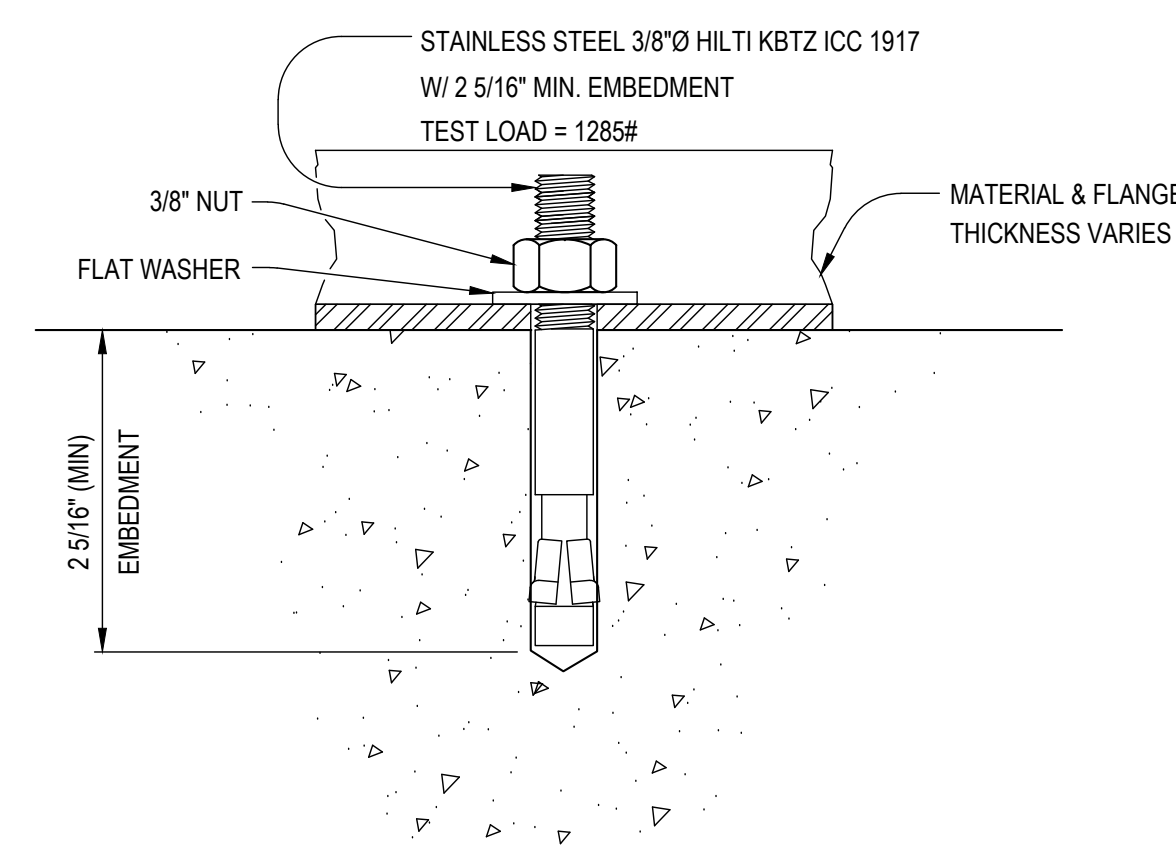
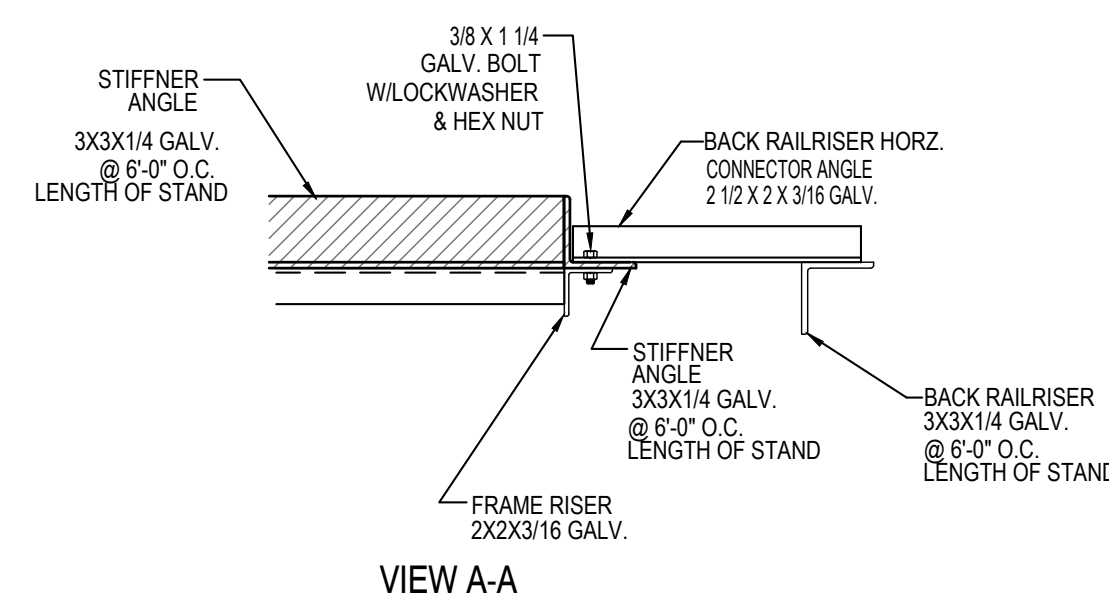
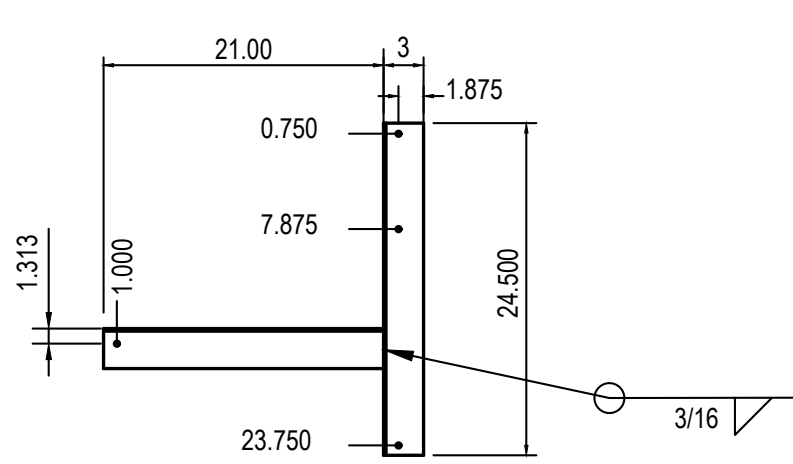
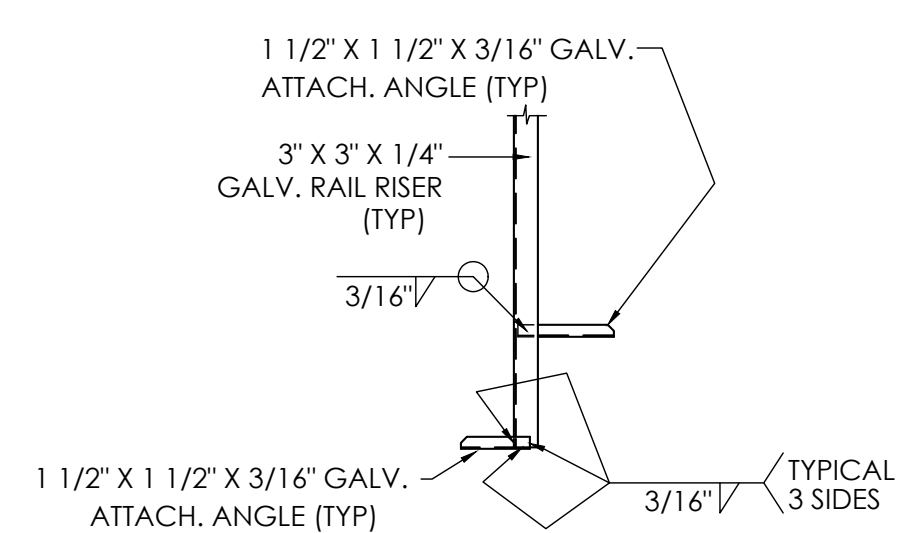
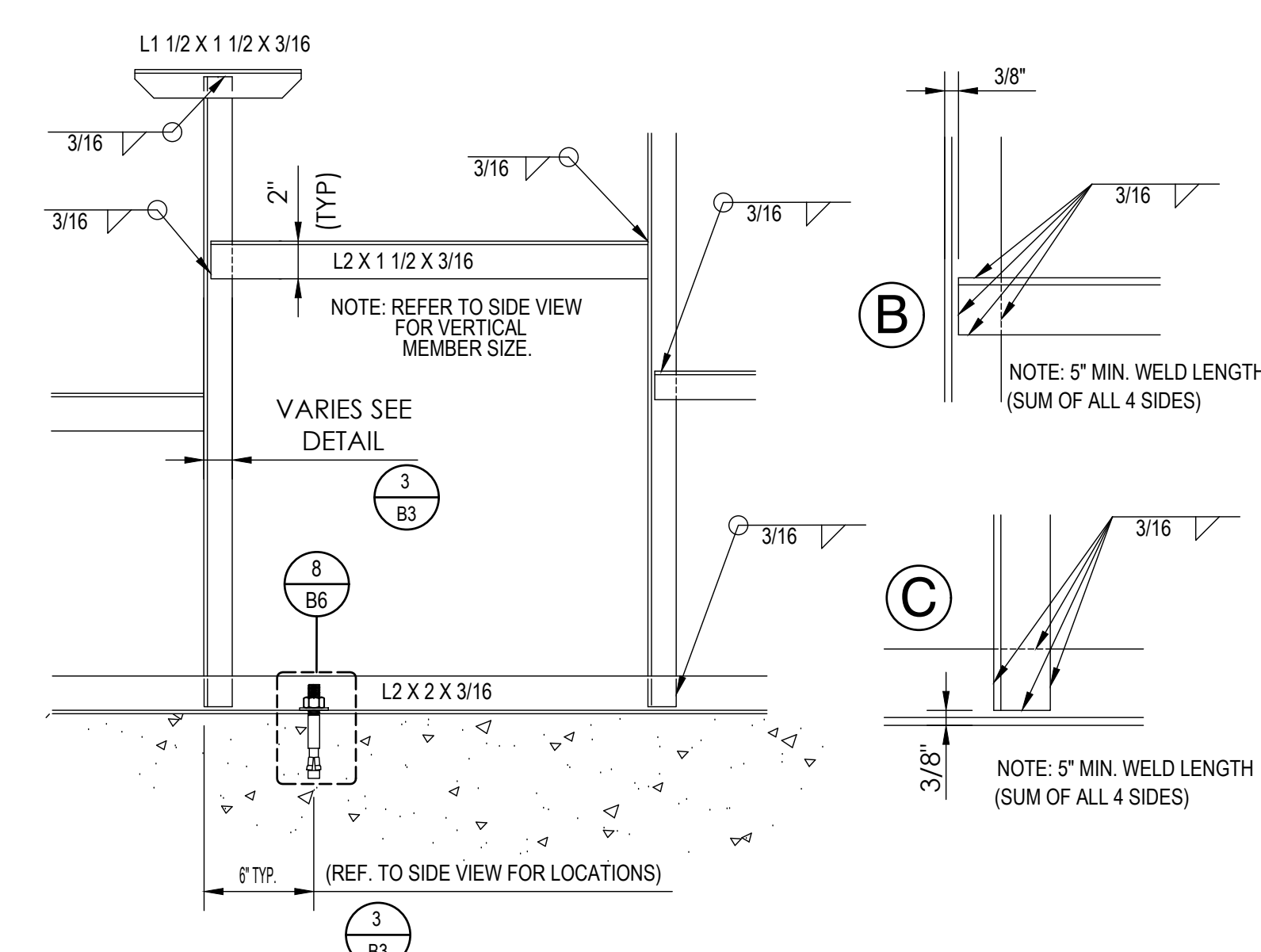
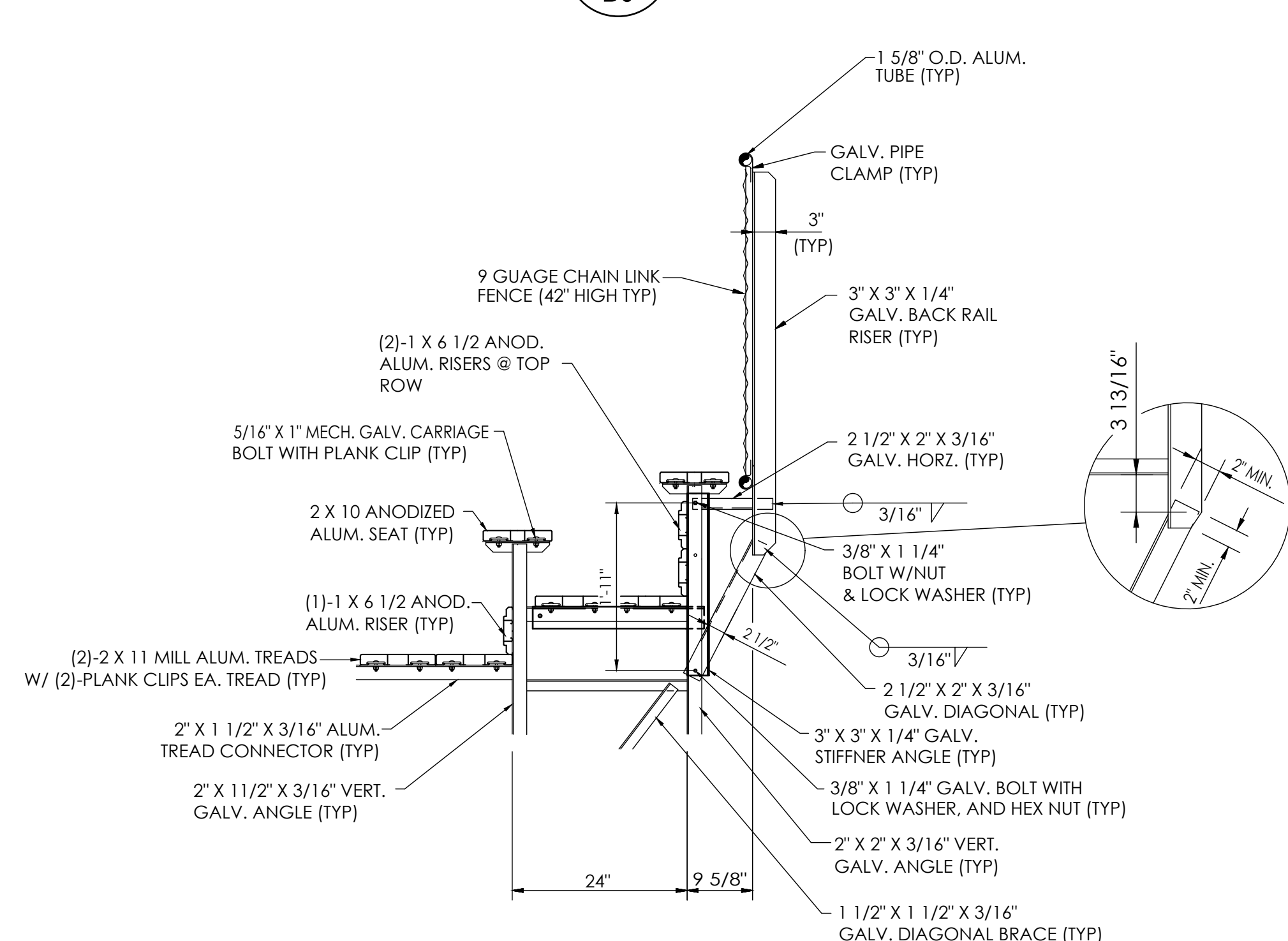
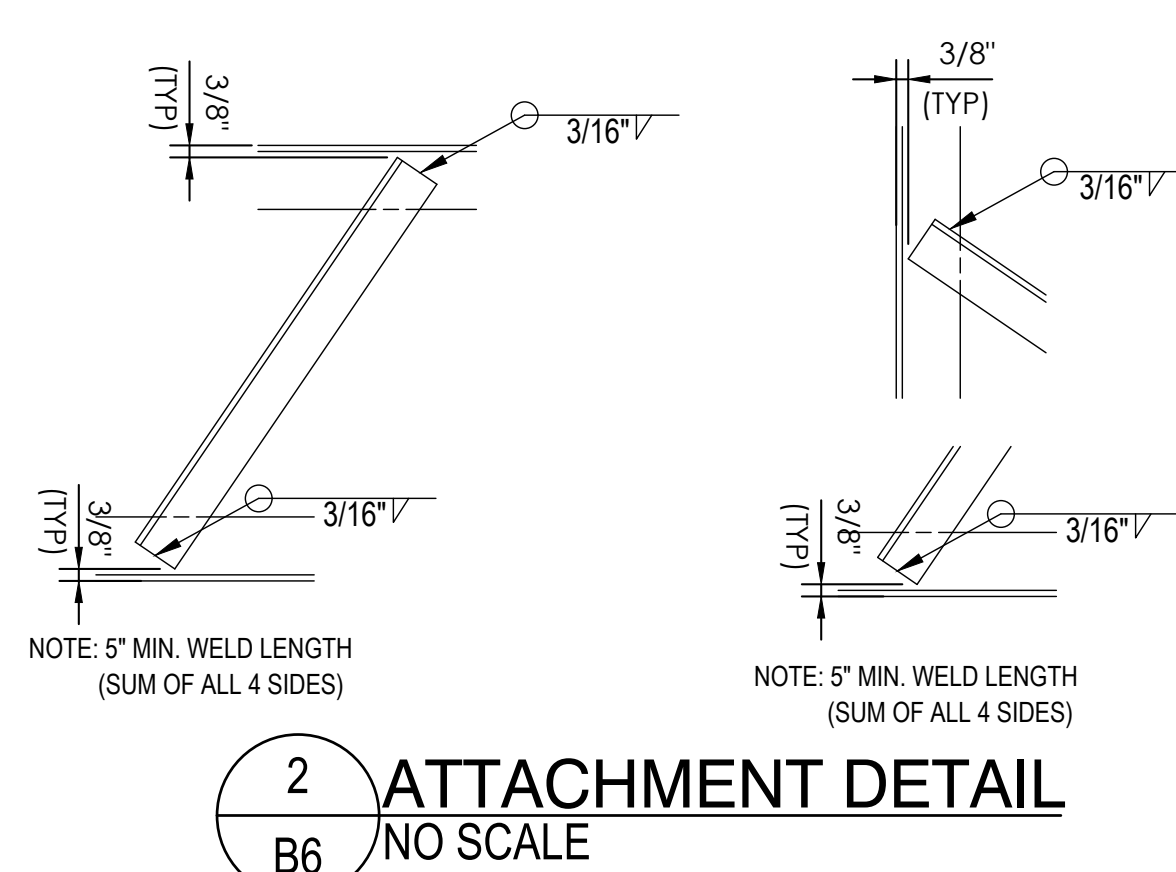
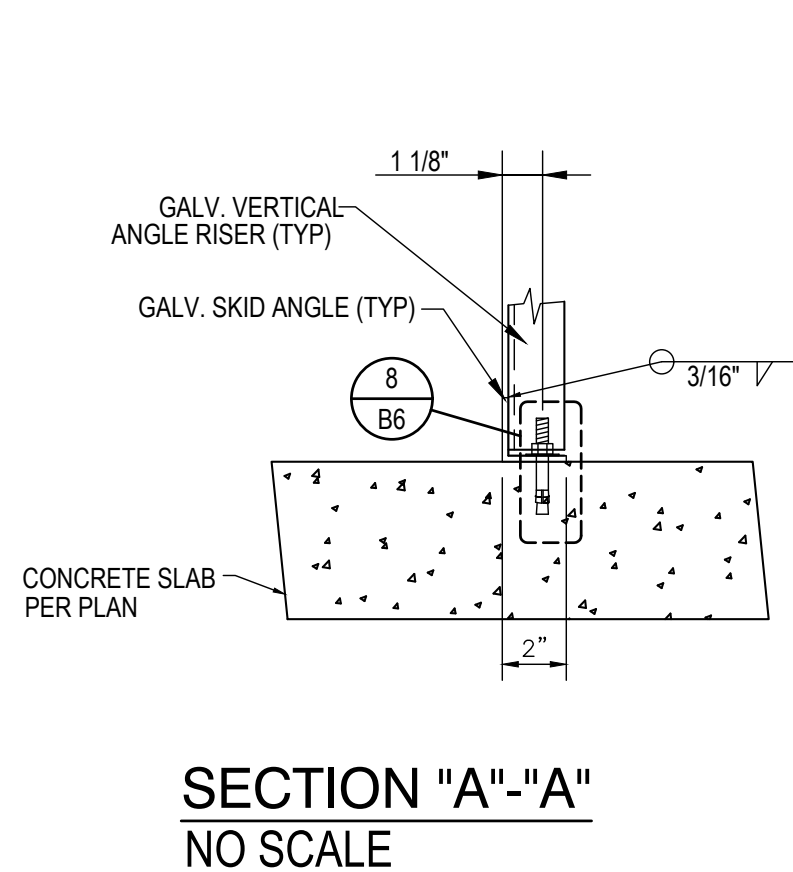


3  
B5  
CROSSBRACE INSTALLATION  
SCALE: NONE

TAYLOR & SYFAN		SOUTHERN BLEACHER COMPANY	
STRUCTURAL ENGINEERS		GRANDSTANDS • BLEACHERS • STADIUMS	
CENTRAL OFFICE 553 S. Oak Knoll Ave. Pasadena, CA 91101 PH: (626) 792-7488 FAX: (626) 575-3881 http://www.tsyfan.com		PO Box One, Graham, Texas 76450 801 Fifth Street. Phone: 940/549-0733 Fax: 940/549-1565 Established 1946	
REGISTERED PROFESSIONAL ENGINEER BRYAN T. DEAN S 6087 Exp. 06/30/21 STRUCTURAL STATE OF CALIFORNIA 01/29/2020 PRINCIPAL		CROSSBRACE/PLANK LAYOUT 8" RISE X 24" TREAD ANGLE FRAME BLEACHER SALANO COMMUNITY COLLEGE BASEBALL, TRACK, SOCCER FAIRFIELD, CALIFORNIA	
REV	BY	DATE	DESCRIPTION
1	BU	11/22/19	19364
SHEET		OF	
B5		B7	



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118022 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 02/24/2020

[illegible]

				X	BU	1/26/20	DSA COMMENT
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22" X 34" (11x17 = 1/2 indicated scale)



