	DRAWING INDEX	
SHT. NO.	DESCRIPTION	SHT. NO.
0	COVER SHEET	
1	DEMOLITION & SITE PLAN	
2	OASIS GRANDSTAND MODS	
3	OASIS ROOF MODS	
4	LOWER SEATING PLAN & SEC	
5	FOUNDATION PLAN	
6	RELOCATED OASIS SECTION	
7	TYP FULL SEATING SECTION	
8	SEATING PLAN	
9	ALUMINUM DETAILS	
10	GUARDRAIL DETAILS	
11	STAIR DETAILS	

CASSIA COUNTY FAIRGROU **GRANDSTANDS**

DESIGN LOADS

LOAD:

DEAD LOAD=10PSF LIVE LOAD=100PSF ROOF LIVE LOAD = 30 PSF SWAY: PARALLEL LATERAL SWAY= 24PLF/ROW PERPENDICULAR LATERAL SWAY = 10PLF/ROW GUARDRAILS: PERPENDICULAR = 50LBS./L.F. 200Ibs AT ANY POINTVERTICAL = 100 lbs./L.F.SEAT & TREAD = 120 lbs./L.F.WIND: BASIC DESIGN WIND SPEED. V = 120 MPH ALLOWABLE STRESS DESIGN WIND SPEED, Vasd= 97 MPH RISK CATEOGRY = III WIND EXPSOURE = CSEISMIC: RISK CATEOGRY = III SEISMIC IMPORTANCE FACTOR = 1.25 $S_{s} = 1.567$ $S_1 = 0.560$ SITE CLASS = D $S_{DS} = 1.045$ $S_{D1} = 0.635$ SEISMIC DESIGN CATEGORY = D BASIC SEISMIC FORCE-RESISTING SYSTEM = NON-BUILDING STRUCTURE NOT SIMIALR WHEN MOISTURE IS TRAPPED AGAINST IT. THIS MOISTURE ENTRAPMENT TO BUILDINGS: ALL OTHER SELF SUPPORTING STRUCTURES SEISMIC RESPONSE COEFFICEINT, Cs=1.045 RESPONSE MODIFICAITON COEFFICEINT, R=1.25 ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE

3. AS SPECIFIED AND ILLUSTRATED, ALL ALUMINUM FOOTBOARDS AND WALKING SURFACES ARE MILL FINISH. MILL FINISH ALUMINUM, WHEN EXPOSED TO THE ATMOSPHERE, FORMS A TRANSPARENT, PROTECTIVE OXIDE COATING. MILL FINISH ALUMINUM WILL STAIN CAN OCCUR AT SEVERAL STAGES OF MATERIAL DELIVERY, INCLUDING PACKAGING, SHIPPING AND STORAGE. THESE STAINS CAN BE ERRATIC AND VARY IN COLOR FROM LIGHT BRONZE TO BLACK TO CHALKY WHITE. MOISTURE STAINS HAVE NO EFFECT ON THE STRENGTH OF THE MATERIAL. THESE STAINS BECOME LESS NOTICEABLE DURING NORMAL USAGE AND EXPOSURE TO THE SUN'S RADIATION.

4. WALKON SOLUTIONS IS NOT AUTHORIZED TO CERTIFY PLANS AS ADA COMPLIANT. HOWEVER, TO THE BEST OF OUR KNOWLEDGE THESE PLANS MEET OR EXCEED ADA REQUIREMENTS FOR QUANTITY OF ADA SEATING, ACCESS/EGRESS TO ADA SEATING, & DISPERSAL OF ADA SEATING.



01 ELBA AVE BURLEY, ID 83318

SPECIFICATI

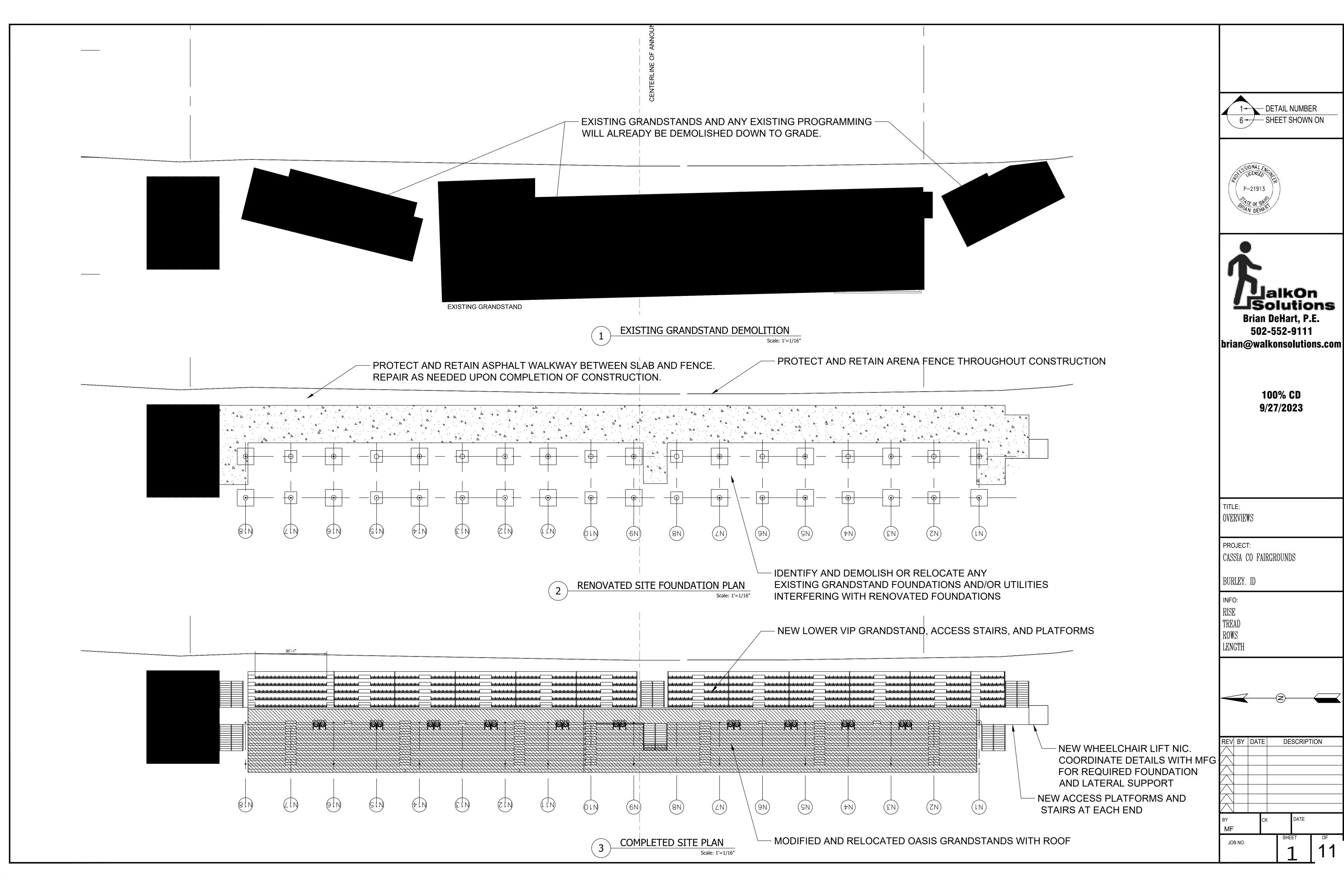
STEEL NOTES: 1. GRANDSTANDS DESIGNED TO COMPLY WITH IBC 2018, ICC 300-2017, NFPA 102, ADA 2002 2. ALL WIDE FLANGES & CHANNELS CONFORM TO ASTM-A992 OR A572 GRADE 50. ALL STRUCTURAL TUBE CONFORMS TO A500 GR B. ALL ANGLES CONFORM TO ASTM-A36/529-50 3. WELDS ARE ALL AROUND WITH TYPE ER70S-6 WIRE MIG U.N.O. 5. STRUCTURAL BOLTS OF $\frac{1}{2}\phi$ or larger to be astm a325 hot dipped galv., ALL BOLTS LESS THAN $\frac{1}{2} \phi$ are to be a307 hot dipped galv. 6. STEEL REINFORCING FOR CONCRETE: ASTM A615 OR A706, DEFORMED; GRADE 60 FOR NO.4 AND LARGER; GRADE 40 OR 60 FOR SMALLER BARS 7. ALL STEEL TO BE HOT DIPPED GALVANIZED TO ASTM A -123

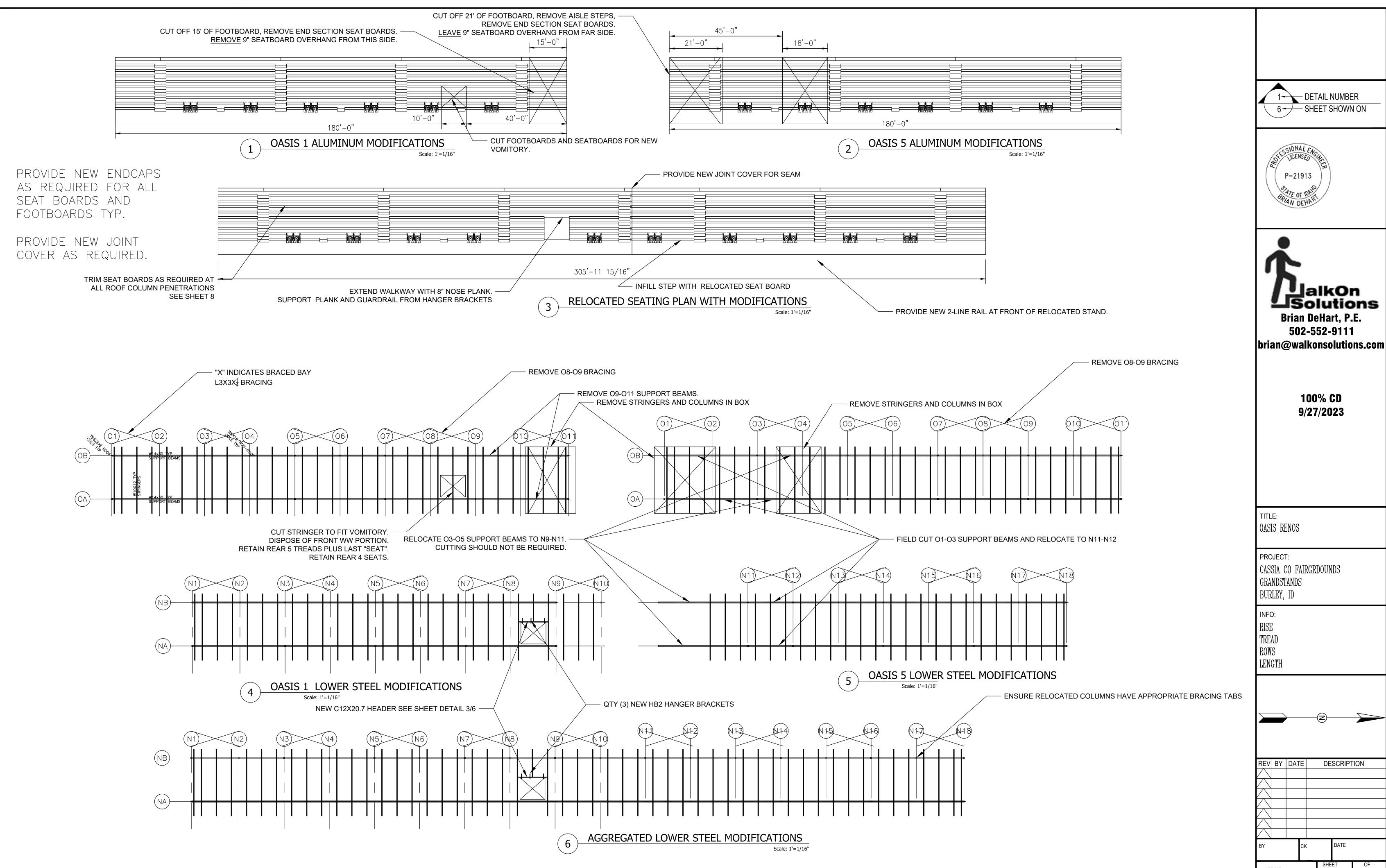
GENERAL NOTES:

1. THIS GUARDRAIL SYSTEM HAS BEEN DESIGNED TO PREVENT THE PASSAGE OF A 4" SPHERE THROUGH ANY OPENINGS IN THE FENCING OR SEATING COMPONENTS

2. ALL DIMENSION PERTAINING TO GRANDSTAND AND SITE CONDITIONS/OBJECTS TO BE FIELD VERIFIED OR LOCATED PRIOR TO FABRICATION BY CONTRACTOR.

SROUN	DS		1 DETAIL NUMBER 6 SHEET SHOWN ON
VE 3318	OWNER/REPRESENITIVE/ARC PLEASE REVIEW THE DRAWINGS. PL CHANGES OR COMMENTS ON THE D APPROVED APPROVED AS NOTED REVISE AND RE-SUBMITT	EASE INDICATE ANY	Brian DeHart, P.E. 502-552-9111
 ALUMINUM EXTRUSIONS = ANY EXPOSED MILL FINISH DUE TO OXIDATION WHIC NOT BE RESPONSIBLE FO <u>CONCR</u> ALLOWABLE SOIL BEARING IN (CONTRACTOR TO VERIFY IN 	ALUMINUM SURFACE WILL BECOME DISCOLO H IS A NATURAL PHENOMENON. BLEACHER N OR DISCOLORATION OF OXIDIZED MILL FINISH <u>RETE NOTES:</u> PRESSURE 2000 PSF ASSUMED.	MANUFACTURER WILL ALUMINUM.	brian@walkonsolutions.com 100% CD 9/27/2023
SUMMARY OF STRUCTURAL CONTI 1. IT IS THE RESPONSIBILITY (OR INSPECTION AGENCY AT LEAS	ION/INSPECTOR REQUINUOUS AND PERIODIC SPECIAL INSPECTION F THE PROJECT INSPECTOR TO INFORM THE F ONE WORKING DAY PRIOR TO PERFORMING	SPECIAL INSPECTOR	TITLE: PROJECT: CASSIA COUNTY FAIRGROUNDS GRANDSTANDS BURLEY, ID INFO: RISE TREAD ROWS LENGTH
 AND TABLE 1705.3 B) BOLTS INSTALLED IN CONCRETE CONCRETE AROUND BOLTS. C) REINFORCING STEEL (CBC 17 CONCRETE SPECIFIED TO HAVE SF D) STRUCTURAL WELDING AND F i) DURING ALL SHOP AND FABRICATION. ii) WELDING INSPECTORS A iii) INSPECTIONS SHALL BE THE WPS IS BEING FOLI iv) ALL STEEL AND WELDIN ASTM OR AWS STANDAL v) ALL SUBMITTED TO THE FABRICATOR 	FABRICATIONS (CBC 1705.2, 1705.2.5 & 1704 FIELD WELDING IN ACCORDANCE WITH AWS RE TO BE AWS QC-1 CERTIFIED PER AWS D1.1, D1.3 OR D1.4 AND INCLUDE LOWED G MATERIALS SHALL BE IDENTIFIED AS REQU	HE PLACEMENT OF G STEEL FOR ALL 4.2.5) D1.1 DURING SHOP VERIFICATION THAT JIRED BY THEIR T THE BLEACHER	REV BY DATE DESCRIPTION A 11/2/23 REMOVED SHEETS A 11/2/23 REMOVED SHEETS BY CK DATE DATE DATE
TESTING SHALL BE IN CONFORMAN	NCE WITH THE ANCHOR MANUFACTURER'S EV JM VERIFICATION OF HOLE DEPTH AND DIAME	ALUATION REPORT	JOB NO. SHEET OF ID-010 0 11



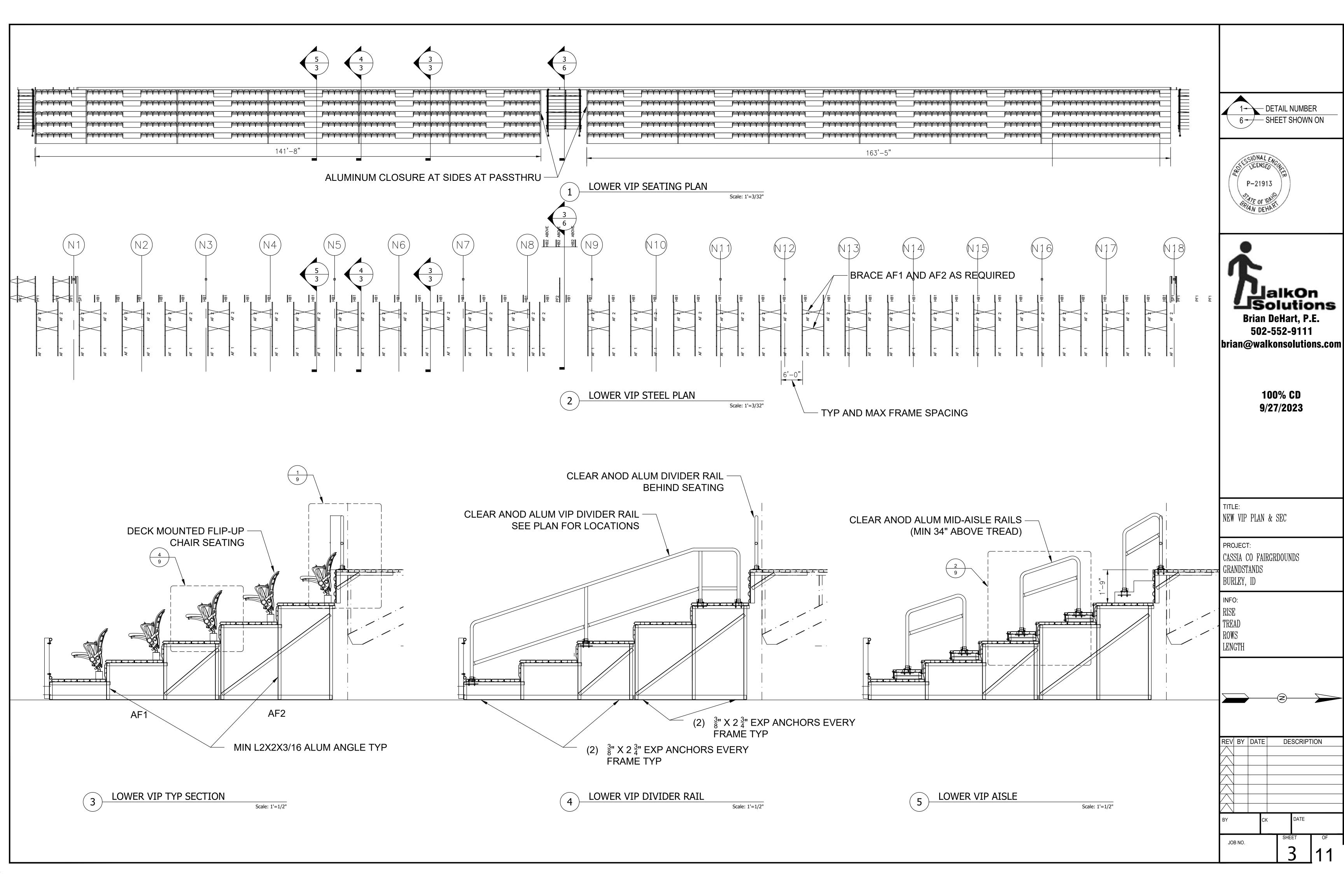


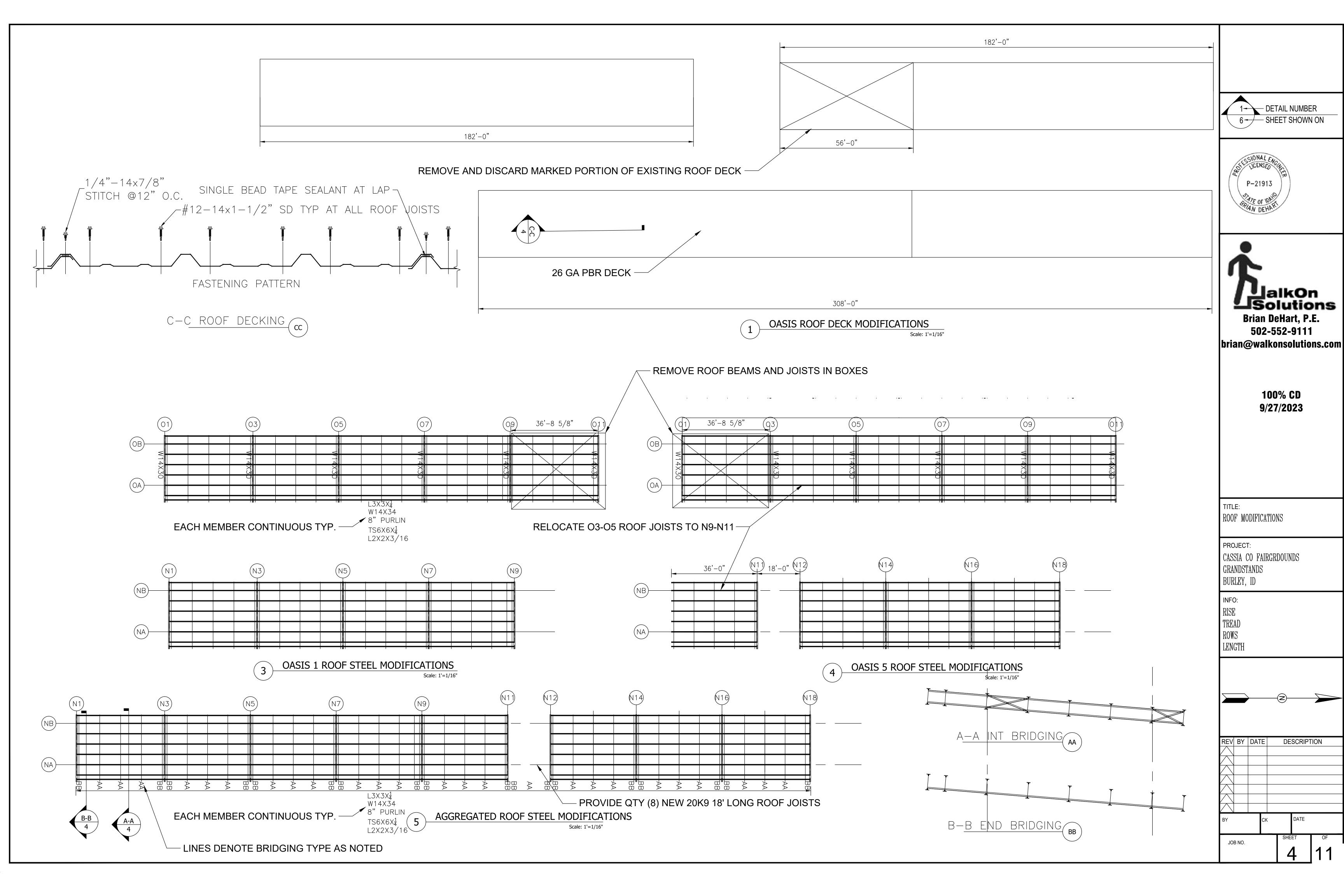
100% CD 9/27/2023 CASSIA CO FAIRGRDOUNDS DESCRIPTION DATE

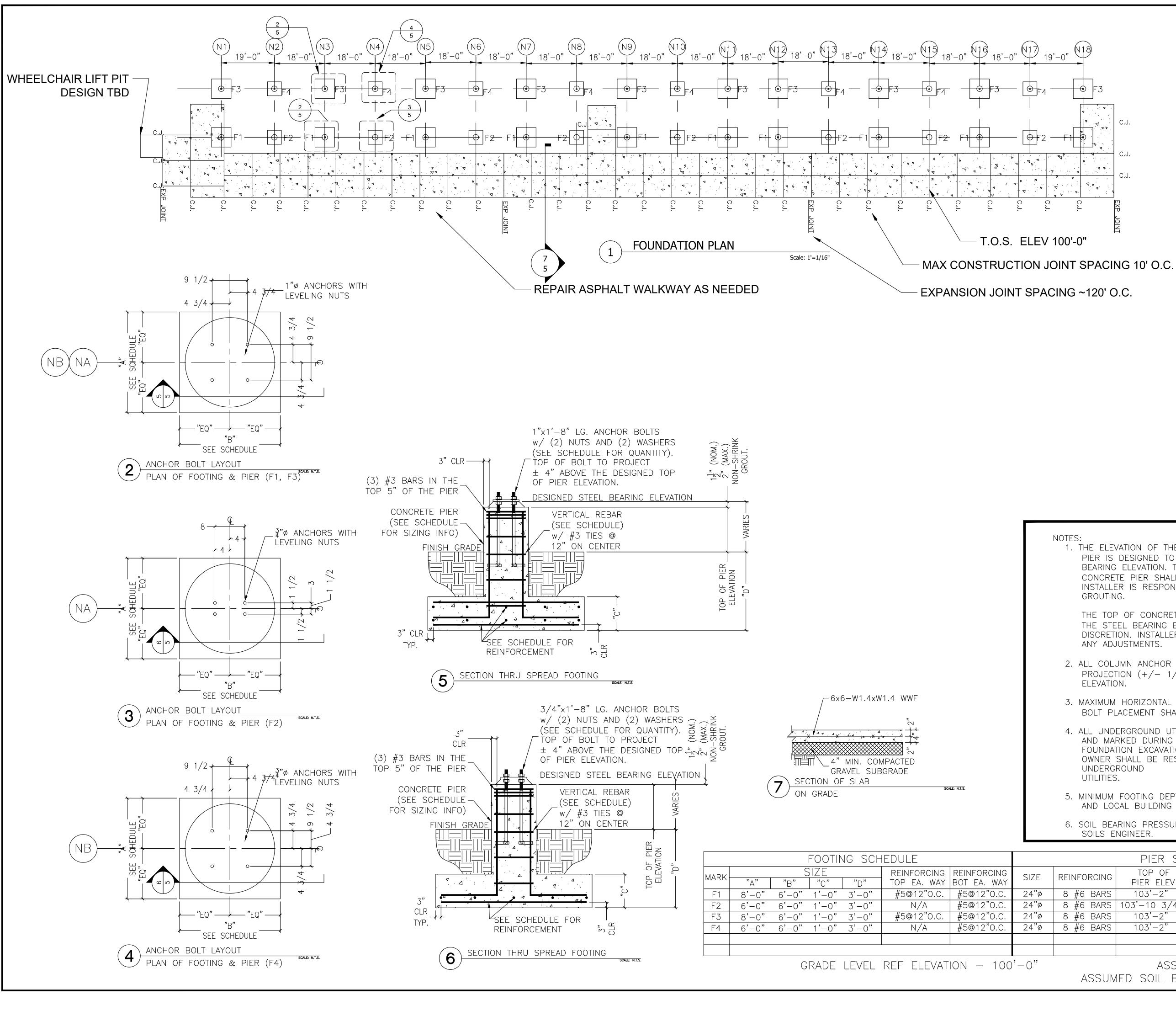
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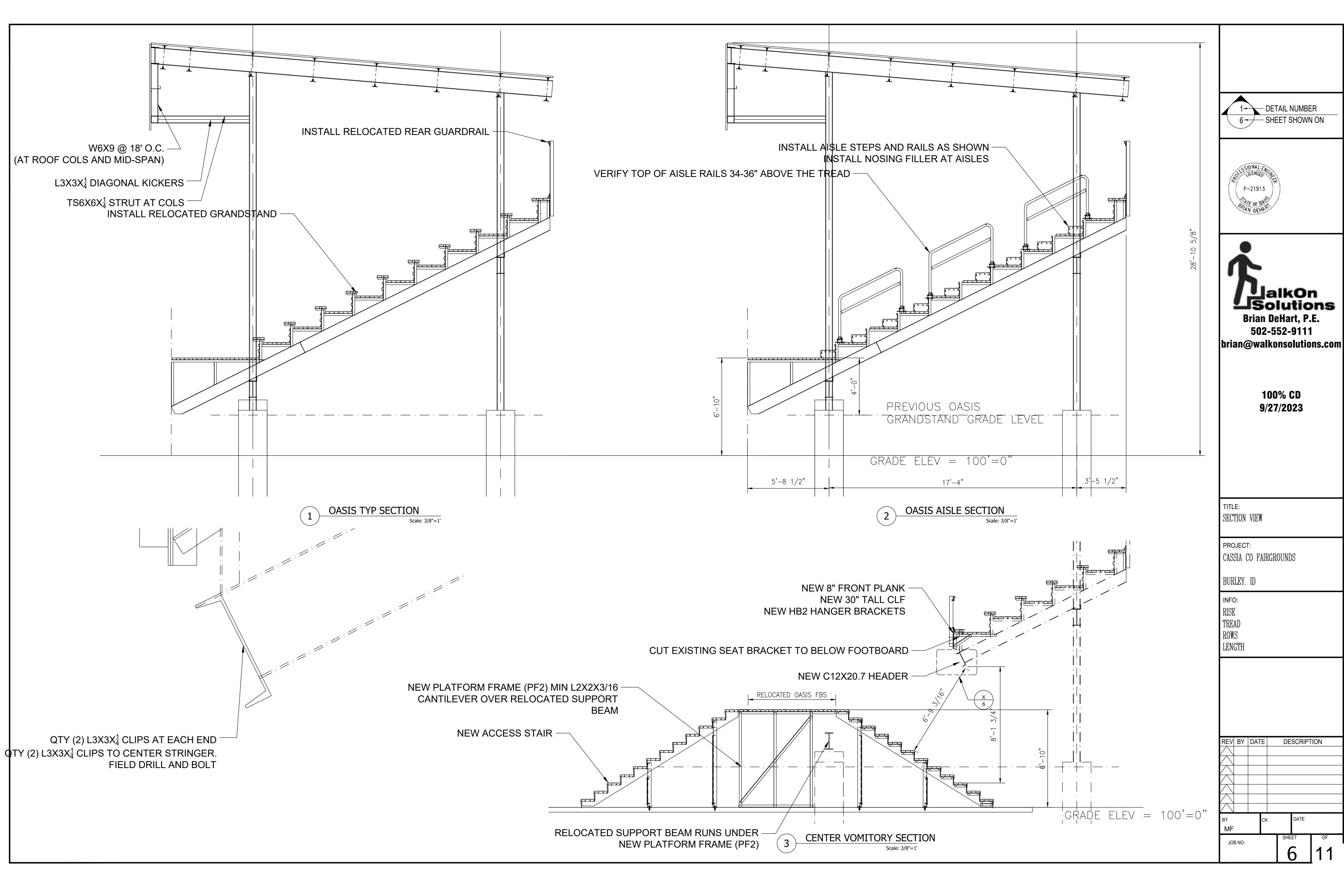


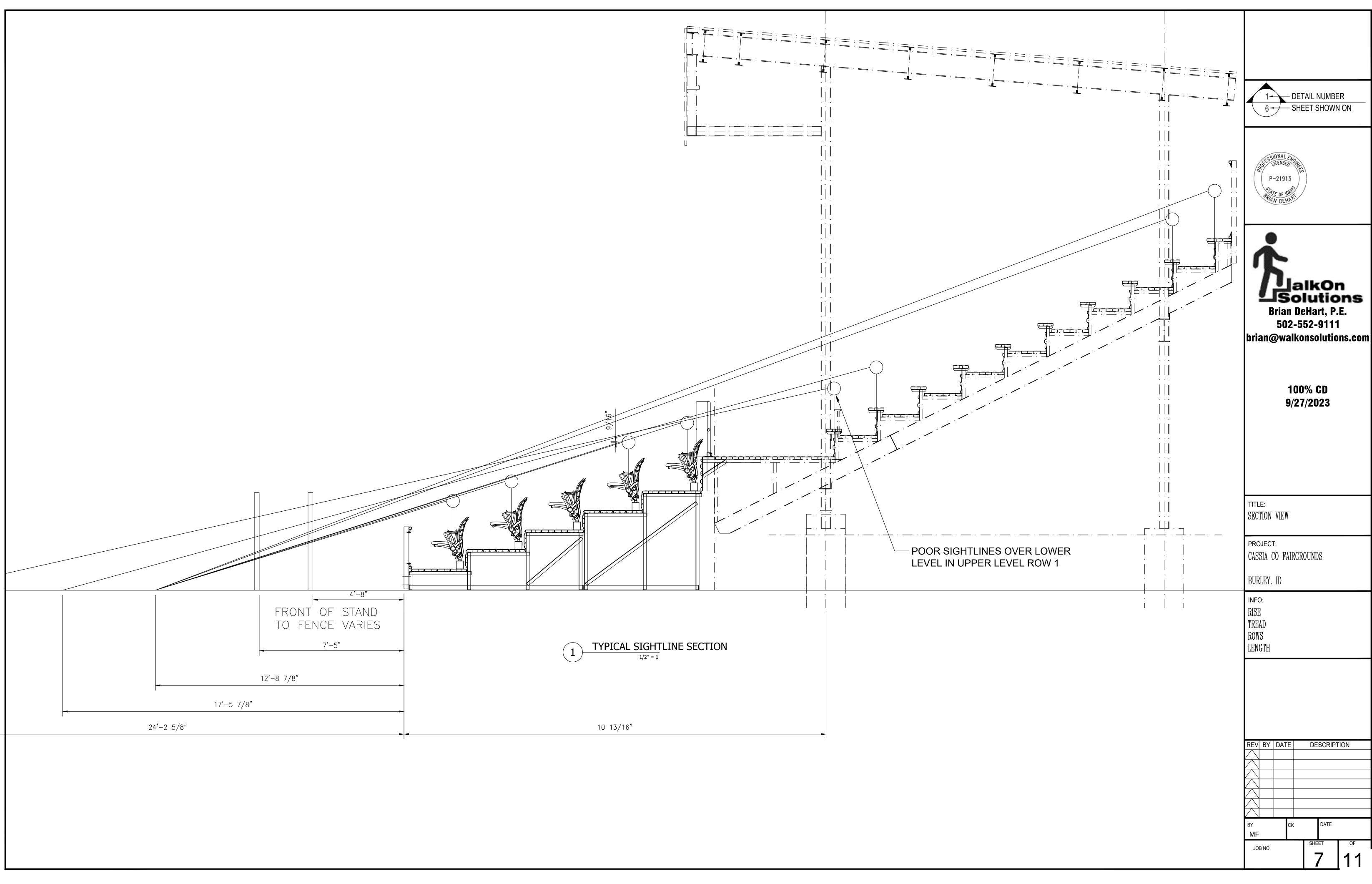
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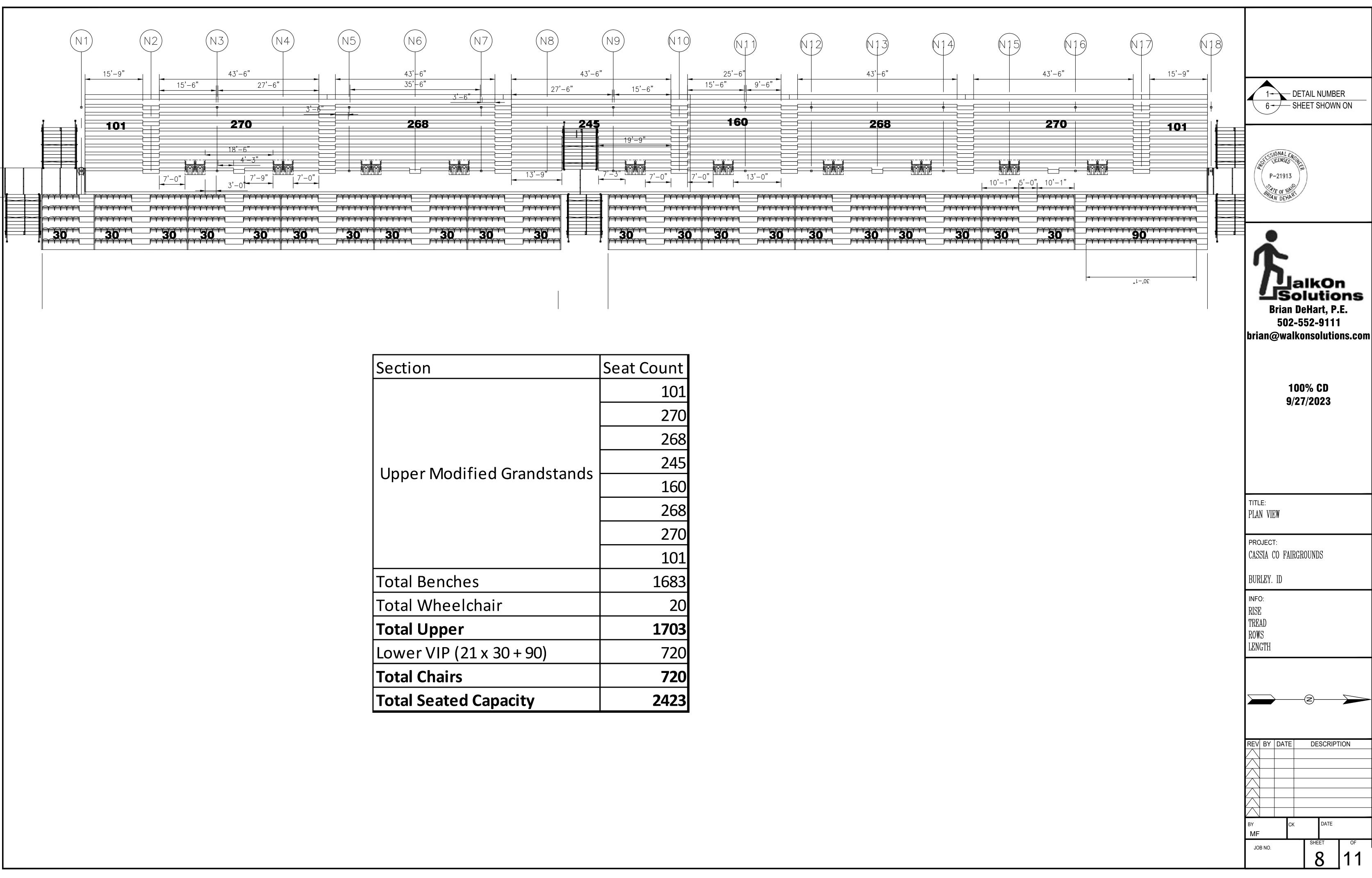
THE ELEVATION OF THE TOP OF THE CONCRETE PIER IS DESIGNED TO BE 1 1/2" BELOW THE STEEL BEARING ELEVATION. TOLERANCES FOR THE TOP OF CONCRETE PIER SHALL BE +/- 1/8". THE CONCRETE INSTALLER IS RESPONSIBLE FOR NON-SHRINK GROUTING.							
THE TOP OF CONCRETE MAY BE RAISED TO MATCH THE STEEL BEARING ELEVATION AT THE INSTALLER'S DISCRETION. INSTALLER IS THEN RESPONSIBLE FOR ANY ADJUSTMENTS.							
ALL COLUMN ANCHOR BOLTS MUST HAVE A 4" PROJECTION $(+/-1/8")$ Above the top of pier elevation.							
MAXIMUM HORIZONTAL TOLERANCE OF ANCHOR BOLT PLACEMENT SHALL BE 1/8".							
ALL UNDERGROUND UTILITIES ARE TO BE LOCATED AND MARKED DURING REVIEW PROCESS PRIOR TO FOUNDATION EXCAVATION. NEITHER DESIGNER NOR OWNER SHALL BE RESPONSIBLE FOR DAMAGE TO UNDERGROUND UTILITIES.							
AINIMUM FOOTING DEPTH IS DETERMINED BY STATE AND LOCAL BUILDING CODES.							
SOIL BEARING PRESSURE IS TO BE DETERMINED BY SOILS ENGINEER.							
PIER SCHEDULE							
DRCING TOP OF PIER ELEV	SIZE OF ANCHORS	ANCHOR BOLT TEMPLATE					
BARS 103'-2"	1"X1'-8" HVY HEX HEAD GR36	9.5X9.5					
BARS 103'-10 3/4"		3X8					
BARS 103'-2"	1"X1'-8" HVY HEX HEAD GR36	9.5X9.5					
BARS 103'-2"	$\frac{3}{4}$ "X1'-8" HVY HEX HEAD GR36	9.5X9.5					

	AS	SSUMED	FROST	DEPTH	- 3'-0"
SSUMED	SOIL	BEARING	G CAPA	CITY –	2000PSF

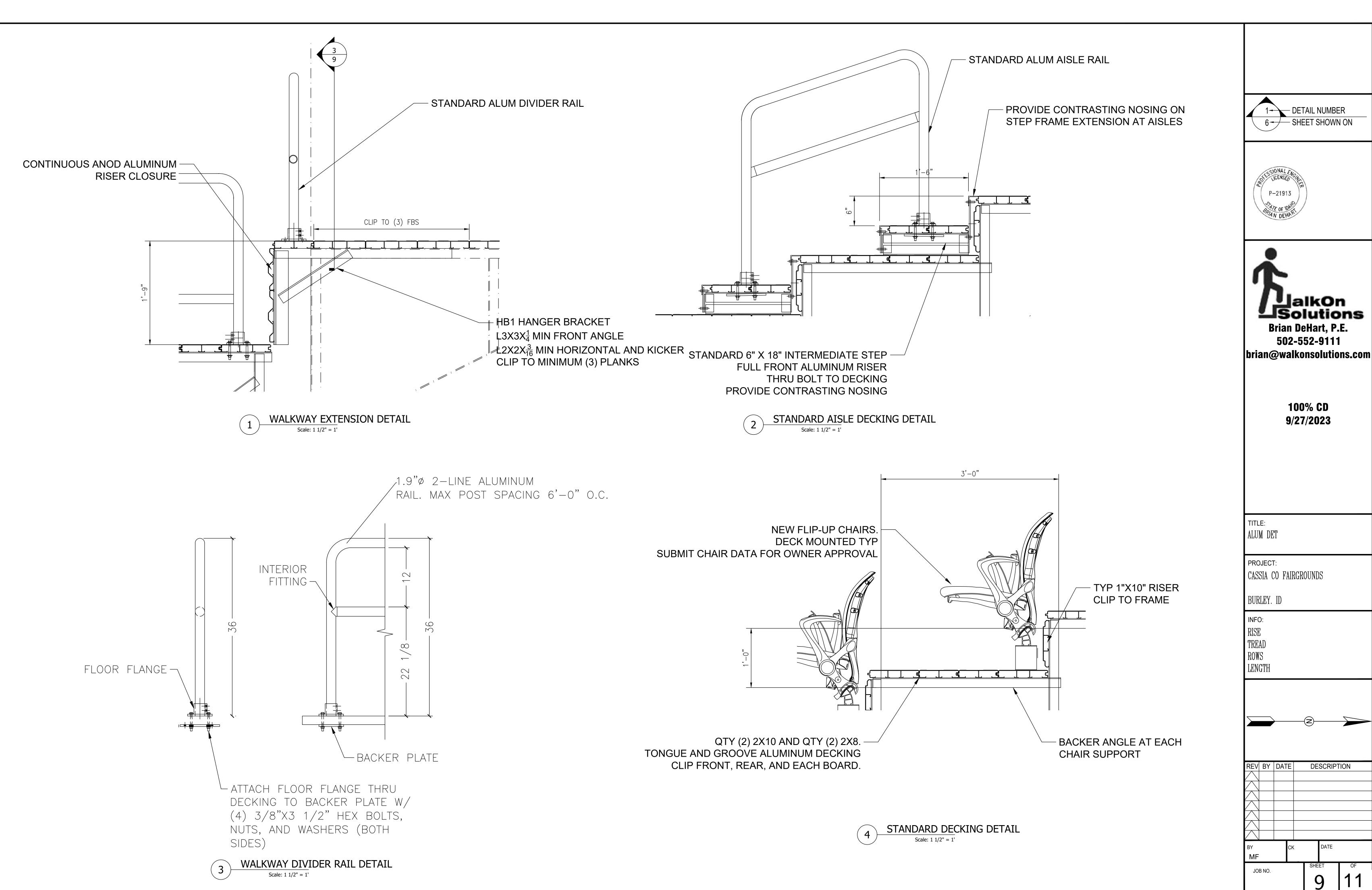
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P-21913 P-21913 P-21913 P-21913 P-21913 Project: CASSIA CO FAIRGRDOUNDS GRANDSTANDS BURLEY, ID INFO: RISE TREAD ROWS LENGTH PROJECT: CASSIA CO FAIRGRDOUNDS GRANDSTANDS BURLEY, ID INFO: RISE TREAD ROWS LENGTH PROJECT: CASSIA CO FAIRGRDOUNDS CANDSTANDS BURLEY, ID INFO: RISE TREAD ROWS LENGTH PROJECT: CASSIA CO FAIRGRDOUNDS CONSTRUCTION PROJECT: CASSIA CO FAIRGRDOUNDS CONSTRUCTION PROJECT: CASSIA CO FAIRGRDOUNDS CONSTRUCTION PROJECT: CASSIA CO FAIRGRDOUNDS CONSTRUCTION PROJECT: CONSTRUCTION PROJECT: CONSTRUCTION PROJECT: CASSIA CO FAIRGRDOUNDS CONSTRUCTION PROJECT: CONSTRUCTION PROJECT: CONSTRUCTION PROJECT: CASSIA CO FAIRGRDOUNDS CONSTRUCTION PROJECT: PROJECT: CONSTRUCTION PROJECT: PROJECT: CONSTRUCTION PROJECT: PROJECT: CONSTRUCTION PROJECT: PROJECT: PROJECT: PROJECT: PROJECT: CONSTRUCTION PROJECT: PROJECT: PROJECT: CONSTRUCTION PROJECT:		1-				
Brian DeHart, P.E. 502-552-9111 brian@walkonsolutions.com 100% CD 9/27/2023 TITLE: PLAN VIEW / FOOTING LAYOUT PROJECT: CASSIA CO FAIRCRDOUNDS GRANDSTANDS BURLEY, ID INFO: RISE TREAD ROWS LENGTH REV BY DATE DESCRIPTION REV BY DATE DESCRIPTION A DATE BY CK DATE SHEET OF		(P	-21913	3))		
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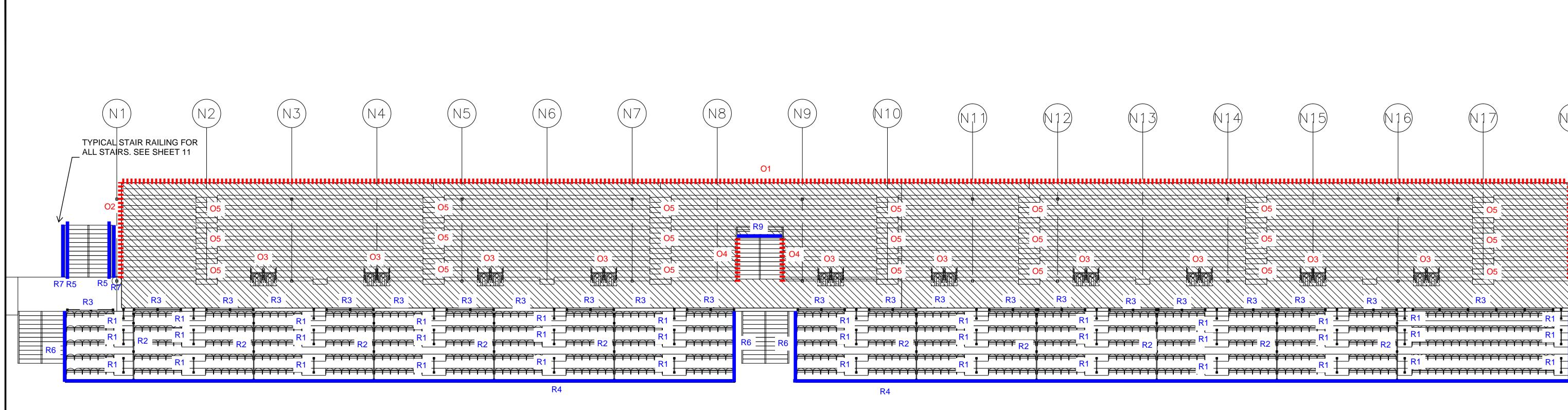




	Seat Count
odified Grandstands	101
	270
	268
	245
	160
	268
	270
	101
ches	1683
eelchair	20
er	1703
P (21 x 30 + 90)	720
irs	720
ted Capacity	2423



9 11



	Label	Туре	Notes
Relocated Rail			
Relocate Rear Oasis Rails	01	Galv CLF	54" above rear seat
Relocate Side Oasis Rails	02	Galv CLF	54" above tread
Relocated WC Pocket Rails	03	Galv CLF	36" above row 2 tread, use relocat
Reuse side Oasis rails at new side vomitory	04	Galv CLF	54" tall
Relocate Oasis Mid-Aisle Rails	05	1.9" Clear Anod Alum Pipe	34"-36" above tread
<u>New Rail</u>			
New 2-Line Aisle Rails	R1	1.9" Clear Anod Alum Pipe	34"-36" above tread
New 2-Line VIP Divider Rails (Sloped)	R2	1.9" Clear Anod Alum Pipe	34"-36" above tread
New 2-Line Walkway Divider Rail	R3	1.9" Clear Anod Alum Pipe	30" tall
New 2-line Front Rail	R4	1.9" Clear Anod Alum Pipe	L3x3x1/4 Galv Angle Posts, 26" abo
New Stair Grabrail	R5	1.9" Clear Anod Alum Pipe	34"-36" above tread
New Side Guardrail	R6	Galv CLF	L3x3x1/4 Galv Angle Posts, 42" mir
New Stair Guardrail	R7	Galv CLF	L3x3x1/4 Galv Angle Posts, 42" mir
New Platform Guardrail	R8	Galv CLF	L3x3x1/4 Galv Angle Posts, 42" mir
New Upper Vomitory Guardrail	R9	Galv CLF	30" above tread



