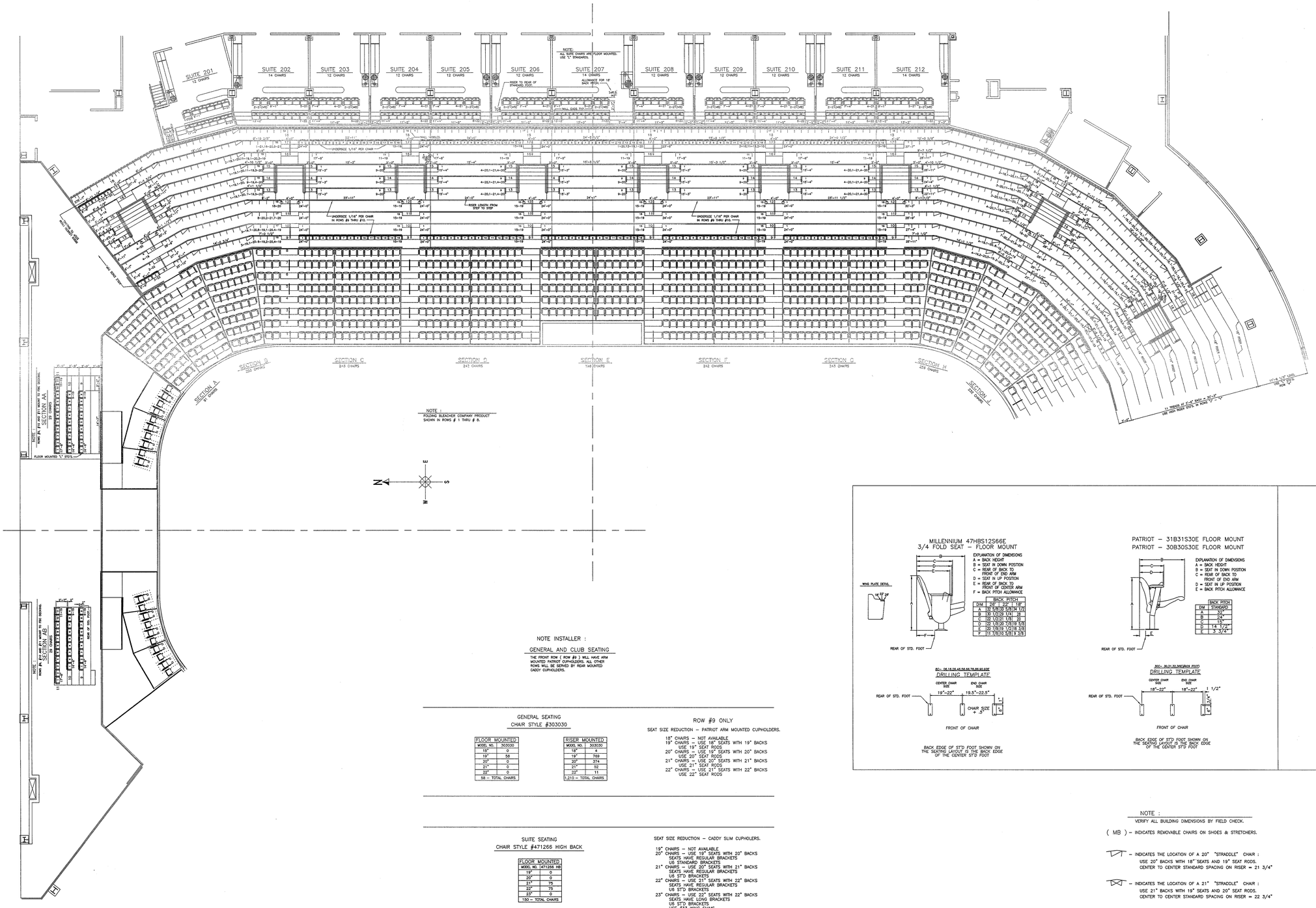
Potential Seating Arrangement

Row	Section Q	Section R	Section S
1	12	14	8
2	12	14	8
3	12	14	8
4	12	14	8
5	12	14	8
6	12	14	8
7	12	14	8
8	12	14	8
9	12	14	8
10	12	14	
11	12	14	
12	12	14	
13	8	12	
14	8	12	
15	8	12	
16	8	12	8
17	12	14	8
18	18	20	14

Total # of Seats to install:	206	250	102



NOTE INSTALLER :

GENERAL AND CLUB SEATING

THE FRONT ROW (ROW #9) WILL HAVE ARM MOUNTED PATRIOT CUPHOLDERS. ALL OTHER ROWS WILL BE SERVED BY REAR MOUNTED CADDY CUPHOLDERS.

GENERAL SEATING
CHAIR STYLE #303030

FLOOR MOUNTED	
MODEL NO.	303030
18"	0
19"	58
20"	0
21"	0
22"	0
58 – TOTAL CHAIRS	

RISER MOUNTED	
MODEL NO.	303030
18"	4
19"	769
20"	374
21"	52
23"	11
1,210 – TOTAL CHAIRS	

ROW #9 ONLY

SEAT SIZE REDUCTION – PATRIOT ARM MOUNTED CUPHOLDERS.

18" CHAIRS – NOT AVAILABLE.
19" CHAIRS – USE 18" SEATS WITH 19" BACKS
USE 19" SEAT RODS
20" CHAIRS – USE 19" SEATS WITH 20" BACKS
USE 20" SEAT RODS
21" CHAIRS – USE 20" SEATS WITH 21" BACKS
USE 21" SEAT RODS
22" CHAIRS – USE 21" SEATS WITH 22" BACKS
USE 22" SEAT RODS

SUITE SEATING
CHAIR STYLE #471266 HIGH BACK

FLOOR MOUNTED	
MODEL NO.	471266 HB
19"	0
20"	0
21"	75
22"	75
23"	0
150 – TOTAL CHAIRS	

SEAT SIZE REDUCTION – CADDY SLIM CUPHOLERS.

19" CHAIRS – NOT AVAILABLE.
20" CHAIRS – USE 19" SEATS WITH 20" BACKS
SEATS HAVE REGULAR BRACKETS
U6 STANDARD BRACKETS
21" CHAIRS – USE 20" SEATS WITH 21" BACKS
SEATS HAVE REGULAR BRACKETS
U6 ST'D BRACKETS
22" CHAIRS – USE 21" SEATS WITH 22" BACKS
SEATS HAVE REGULAR BRACKETS
U6 ST'D BRACKETS
23" CHAIRS – USE 22" SEATS WITH 22" BACKS
SEATS HAVE LONG BRACKETS
U6 ST'D BRACKETS
USE #33 WING SHIMS

NOTE :

FOLDING BLEACHER COMPANY CHAIRS HAVE BEEN ADDED TO THIS LAYOUT ONLY FOR REFERENCE. THE F.B.C. CHAIRS ARE NOT INCLUDED IN THESE CHAIRS SUMMARIES. AT NO TIME SHOULD THESE PLANS BE USED TO INSTALL F.B.C. CHAIRS. REFER TO F.B.C. PLANS FOR QUANTITIES, DETAILS, AND INSTALLATION INSTRUCTIONS.

MILLENNIUM 47HBS12S66E
3/4 FOLD SEAT – FLOOR MOUNT

EXPLANATION OF DIMENSIONS
A = BACK HEIGHT
B = SEAT IN DOWN POSITION
C = REAR OF BACK TO FRONT OF END ARM
D = SEAT IN UP POSITION
E = REAR OF BACK TO FRONT OF CENTER ARM
F = BACK PITCH ALLOWANCE

	BACK PITCH		
DIM	26"	22"	18"
A	33 5/8	33 5/8	34 1/2
B	30 1/2	29 1/4	28
C	22 1/2	21 1/8	20
D	22 1/2	20 7/8	19 5/8
E	20 7/8	19 1/2	18 3/8
F	11 7/8	10 5/8	9 3/8

80– 06,10,28,46,56,66,76,86,90,92E
DRILLING TEMPLATE

BACK EDGE OF STD FOOT SHOWN ON THE SEATING LAYOUT IS THE BACK EDGE OF THE CENTER STD FOOT

PATRIOT – 31B31S30E
PATRIOT – 30B30S30E FLOOR MOUNT

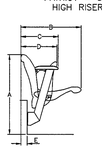
EXPLANATION OF DIMENSIONS
A = BACK HEIGHT
B = SEAT IN DOWN POSITION
C = REAR OF BACK TO FRONT OF END ARM
D = SEAT IN UP POSITION
E = BACK PITCH ALLOWANCE

	BACK PITCH
DIM	STANDARD
A	33"
B	24"
C	15"
D	14 1/2"
E	3 3/4"

30C– 30,31,33,36E(WEIGHT FOOT)
DRILLING TEMPLATE

BACK EDGE OF STD FOOT SHOWN ON THE SEATING LAYOUT IS THE BACK EDGE OF THE CENTER STD FOOT

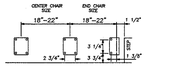
PATRIOT – 31B31S30E
PATRIOT – 30B30S30E
HIGH RISER MOUNT



EXPLANATION OF DIMENSIONS
A = BACK HEIGHT
B = SEAT IN DOWN POSITION
C = REAR OF BACK TO FRONT OF END ARM
D = SEAT IN UP POSITION
E = BACK PITCH OVERHANG

	BACK PITCH
DIM	STANDARD
A	33"
B	24"
C	15"
D	14 1/2"
E	2 1/2"

30C– 30,31,33,36E MFD. AND HIGH RISER
DRILLING TEMPLATE



NOTE :

VERIFY ALL BUILDING DIMENSIONS BY FIELD CHECK.

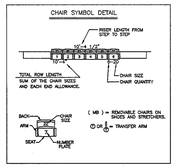
(MB) – INDICATES REMOVABLE CHAIRS ON SHOES & STRETCHERS.

– INDICATES THE LOCATION OF A 20" "STRADDLE" CHAIR :
USE 20" BACKS WITH 18" SEATS AND 19" SEAT RODS.
CENTER TO CENTER STANDARD SPACING ON RISER = 21 3/4"

– INDICATES THE LOCATION OF A 21" "STRADDLE" CHAIR :
USE 21" BACKS WITH 19" SEATS AND 20" SEAT RODS.
CENTER TO CENTER STANDARD SPACING ON RISER = 22 3/4"

STRADDLE CHAIRS WILL NOT HAVE A CUPHOLDER ON EITHER ARM.

CHAIR SYMBOL DETAIL



CONCRETE REQUIREMENTS:

1. FLOOR MOUNTED CHAIRS: 3" THICK FREE FROM OBSTRUCTIONS FOR TOP 1 1/2"
2. RISER MOUNTED CHAIRS: 4" THICK FREE FROM OBSTRUCTIONS FOR 2 1/2" FROM RISER FACE
3. RISER TO BE PLUMB <OR> 1/8"
4. NORMAL WEIGHT CONCRETE: COMPRESSIVE STRENGTH 3000 P.S.I.
5. STRUCTURAL LIGHT WEIGHT CONCRETE: ACCEPTABLE UNDER THE FOLLOWING CONDITIONS: MINIMUM 2500 P.S.I. WITH A DRY WEIGHT OF 90-115 LBS. PER CUBIC FOOT.
6. FINE FILLER ACCEPTABLE UNDER THE FOLLOWING CONDITIONS: FILLER TO BE FLOOR MOUNTED, FREE FROM OBSTRUCTIONS, FOR TOP 2" DAYS FROM HIGHEST POINT OF THE CORRUGATION. (SEE BELOW) STRUCTURAL LIGHT WEIGHT CONCRETE REQUIREMENTS AS STATED ABOVE.

GRAND TOTALS

GENERAL SEATING
CHAIR STYLE #303030

FLOOR MOUNTED	
MODEL NO.	303030
18"	0
19"	75
20"	19
21"	0
22"	0
94 – TOTAL CHAIRS	

RISER MOUNTED	
MODEL NO.	303030
18"	4
19"	1,265
20"	590
21"	184
22"	36
2,499 – TOTAL CHAIRS	

CLUB SEATING
CHAIR STYLE #313130

FLOOR MOUNTED	
MODEL NO.	313130
19"	0
20"	0
21"	0
22"	6
23"	0
6 – TOTAL CHAIRS	

RISER MOUNTED	
MODEL NO.	313130
19"	0
20"	102
21"	214
22"	127
23"	12
455 – TOTAL CHAIRS	

SUITE SEATING
CHAIR STYLE #471266 HIGH BACK

FLOOR MOUNTED	
MODEL NO.	471266 HB
19"	0
20"	0
21"	150
22"	150
23"	0
300 – TOTAL CHAIRS	

MOVABLE BASE SUMMARY

FURNISH (3) UNITS OF 1–21" CHAIR EACH.
FURNISH (21) UNITS OF 2–21" CHAIRS EACH.

"ROLL AWAY" BASE SUMMARY

FURNISH (6) UNITS OF 1–22" CHAIR EACH.

ACCESSORIES	
NUMBER AND LETTER PLATES.	
(38) TRANSFER ARM ENDS	
PATRIOT ARM CUPHOLDERS & CADDY SLIM IN SUITES.	
REMOVABLE CHAIRS: SEE MOVABLE BASE SUMMARY	

CHAIR SUMMARY							
SIZES	18"	19"	20"	21"	22"	23"	TOTAL
QUANTITY	4	1,460	1,011	548	317	12	3,352

NOTE: EACH ROW LENGTH DIMENSION INCLUDES AN ADD ON OF * FOR EACH END STANDARD

* 1 1/2" FOR CHAIR STYLES #303030 & #313130
2" FOR CHAIR STYLE #41266.

REVISIONS		DATE
ADDED (2) ROLL AWAY CHAIRS IN CLUB.	JTW	07/25/03
REVISED PER FIELD CHECK OF SUITES.	JTW	06/24/03
REVISED PER FIELD CHECKED DIMENSIONS.	JTW	05/16/03
ADDED FBC CHAIRS.	JTW	04/30/03
REVISED PER MARK–UPS.	JTW	04/28/03
ADDED FBC CHAIRS.	JTW	04/23/03
REVISED PER MARK–UPS.	JTW	04/21/03
REV. PER MARKUPS & FAX.	JTW	11/13/02
REVISED GRAND TOTALS.	JTW	12/13/02
REVISED PER MARK–UP.	JTW	01/07/03
ADDED SUITE & SECTION NUMBERS.	JTW	01/22/03
REVISED CLUB SEATING.	JTW	03/31/03

SEATING LAYOUT	
FOR: BUDWEISER EVENTS CENTER	
LOCATED: LOVELAND, CO.	
DATE: 08/19/02	SCALE: 1/8"=1'–0" FLOOR IS CONCRETE
DRAWN BY: John Wellman	CHECKED BY:

ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS SEATING PLAN. VERIFICATION OF COMPLIANCE WITH BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR THE ARCHITECT

IRWIN SEATING COMPANY
Grand Rapids, MI.

ORDER # 076517
SHEET 1 OF 2

DR# 020582

BACK PITCH: 18'
CHAIR NO.: 303030, 313130, & 471266 H.B.
WOOD FINISH:
POWDER COAT: #109 GREEN
FABRIC:
PLASTIC LAMINATE:
PLASTIC BACK AND SEAT: #109 GREEN
PLASTIC ARMS:

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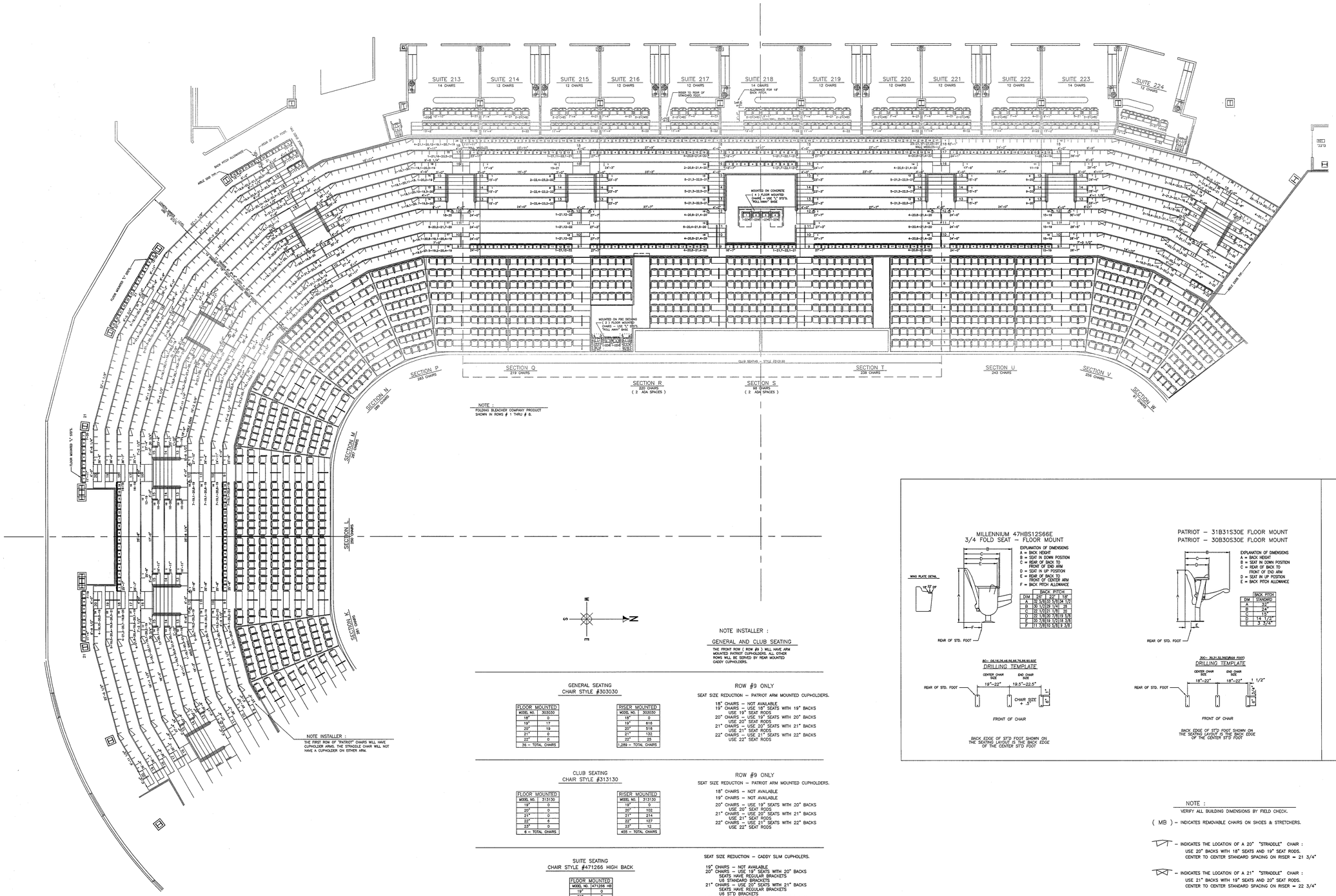


NOTE :
FOLDING BLEACHER COMPANY PRODUCT SHOWN IN ROWS # 1 THRU # 8.

NOTE INSTALLER :
THE FIRST ROW OF "PATRIOT" CHAIRS WILL HAVE CUPHOLDER ARMS. THE STRADDLE CHAIR WILL NOT HAVE A CUPHOLDER ON EITHER ARM.

NOTE INSTALLER :
GENERAL AND CLUB SEATING
THE FRONT ROW (ROW #9) WILL HAVE ARM MOUNTED PATRIOT CUPHOLDERS. ALL OTHER ROWS WILL BE SERVED BY REAR MOUNTED CADDY CUPHOLDERS.

GENERAL SEATING
CHAIR STYLE #303030

FLOOR MOUNTED	
MODEL NO.	303030
18"	0
19"	17
20"	19
21"	0
22"	0
36 – TOTAL CHAIRS	

RISER MOUNTED	
MODEL NO.	303030
18"	0
19"	616
20"	516
21"	132
22"	25
1,289 – TOTAL CHAIRS	

ROW #9 ONLY
SEAT SIZE REDUCTION – PATRIOT ARM MOUNTED CUPHOLDERS.
18" CHAIRS – NOT AVAILABLE
19" CHAIRS – USE 18" SEATS WITH 19" BACKS
USE 19" SEAT RODS
20" CHAIRS – USE 19" SEATS WITH 20" BACKS
USE 20" SEAT RODS
21" CHAIRS – USE 20" SEATS WITH 21" BACKS
USE 21" SEAT RODS
22" CHAIRS – USE 21" SEATS WITH 22" BACKS
USE 22" SEAT RODS

CLUB SEATING
CHAIR STYLE #313130

FLOOR MOUNTED	
MODEL NO.	313130
19"	0
20"	0
21"	0
22"	6
23"	0
6 – TOTAL CHAIRS	

RISER MOUNTED	
MODEL NO.	313130
19"	0
20"	102
21"	214
22"	127
23"	12
455 – TOTAL CHAIRS	

ROW #9 ONLY
SEAT SIZE REDUCTION – PATRIOT ARM MOUNTED CUPHOLDERS.
18" CHAIRS – NOT AVAILABLE
19" CHAIRS – NOT AVAILABLE
20" CHAIRS – USE 19" SEATS WITH 20" BACKS
USE 20" SEAT RODS
21" CHAIRS – USE 20" SEATS WITH 21" BACKS
USE 21" SEAT RODS
22" CHAIRS – USE 21" SEATS WITH 22" BACKS
USE 22" SEAT RODS

SUITE SEATING
CHAIR STYLE #471266 HIGH BACK

FLOOR MOUNTED	
MODEL NO.	471266 HB
19"	0
20"	0
21"	75
22"	75
23"	0
150 – TOTAL CHAIRS	

SEAT SIZE REDUCTION – CADDY SLIM CUPHOLDERS.
19" CHAIRS – NOT AVAILABLE
20" CHAIRS – USE 19" SEATS WITH 20" BACKS
SEATS HAVE REGULAR BRACKETS
U6 STANDARD BRACKETS
21" CHAIRS – USE 20" SEATS WITH 21" BACKS
SEATS HAVE REGULAR BRACKETS
U6 STD BRACKETS
22" CHAIRS – USE 21" SEATS WITH 22" BACKS
SEATS HAVE REGULAR BRACKETS
U6 STD BRACKETS
23" CHAIRS – USE 22" SEATS WITH 22" BACKS
SEATS HAVE LONG BRACKETS
U6 STD BRACKETS
USE #33 WING SHIMS

NOTE :
FOLDING BLEACHER COMPANY CHAIRS HAVE BEEN ADDED TO THIS LAYOUT ONLY FOR REFERENCE. THE F.B.C. CHAIRS ARE NOT INCLUDED IN THESE CHAIRS SUMMARIES. AT NO TIME SHOULD THESE PLANS BE USED TO INSTALL F.B.C. CHAIRS. REFER TO F.B.C. PLANS FOR QUANTITIES, DETAILS, AND INSTALLATION INSTRUCTIONS.

MILLENNIUM 47HBS12S66E
3/4 FOLD SEAT – FLOOR MOUNT

EXPLANATION OF DIMENSIONS
A = BACK HEIGHT
B = SEAT IN DOWN POSITION
C = REAR OF BACK TO FRONT OF END ARM
D = SEAT IN UP POSITION
E = REAR OF BACK TO FRONT OF CENTER ARM
F = BACK PITCH ALLOWANCE

	BACK PITCH		
DIM	20°	22°	19°
A	32 5/8	33 5/8	34 1/2
B	30 1/2	29 1/4	33
C	22 1/2	21 1/8	26
D	22 1/8	20 1/8	19 5/8
E	20 7/8	19 1/2	18 3/8
F	11 7/8	10 5/8	13 3/8

BC– 06,16,26,46,56,66,76,86,96,B2S2
DRILLING TEMPLATE

BACK EDGE OF STD FOOT SHOWN ON THE SEATING LAYOUT IS THE BACK EDGE OF THE CENTER STD FOOT

PATRIOT – 31B31S30E FLOOR MOUNT
PATRIOT – 30B30S30E FLOOR MOUNT

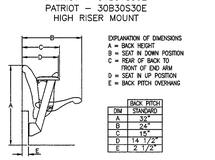
EXPLANATION OF DIMENSIONS
A = BACK HEIGHT
B = SEAT IN DOWN POSITION
C = REAR OF BACK TO FRONT OF END ARM
D = SEAT IN UP POSITION
E = BACK PITCH ALLOWANCE

	BACK PITCH
DIM	STANDARD
A	32"
B	24"
C	15"
D	14 1/2"
E	3 3/4"

20C– 30,31,32,34EF,B30 FOOT)
DRILLING TEMPLATE

BACK EDGE OF STD FOOT SHOWN ON THE SEATING LAYOUT IS THE BACK EDGE OF THE CENTER STD FOOT

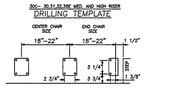
PATRIOT – 31B31S30E
PATRIOT – 30B30S30E
HIGH RISER MOUNT



EXPLANATION OF DIMENSIONS
A = BACK HEIGHT
B = SEAT IN DOWN POSITION
C = REAR OF BACK TO FRONT OF END ARM
D = SEAT IN UP POSITION
E = BACK PITCH OVERHANG

	BACK PITCH
DIM	STANDARD
A	32"
B	24"
C	15"
D	14 1/2"
E	2 1/2"

30C– 30,31,32,34E MED. AND HIGH RISER
DRILLING TEMPLATE



NOTE :
VERIFY ALL BUILDING DIMENSIONS BY FIELD CHECK.

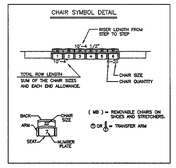
(MB) – INDICATES REMOVABLE CHAIRS ON SHOES & STRETCHERS.

– INDICATES THE LOCATION OF A 20" "STRADDLE" CHAIR :
USE 20" BACKS WITH 18" SEATS AND 19" SEAT RODS.
CENTER TO CENTER STANDARD SPACING ON RISER = 21 3/4"

– INDICATES THE LOCATION OF A 21" "STRADDLE" CHAIR :
USE 21" BACKS WITH 19" SEATS AND 20" SEAT RODS.
CENTER TO CENTER STANDARD SPACING ON RISER = 22 3/4"

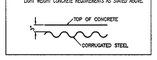
STRADDLE CHAIRS WILL NOT HAVE A CUPHOLDER ON EITHER ARM.

CHAIR SYMBOL DETAIL



CONCRETE REQUIREMENTS:

1. FLOOR MOUNTED CHAIRS: 3" THICK FREE FROM OBSTRUCTIONS FOR TOP 1 1/2"
2. RISER MOUNTED CHAIRS: 4" THICK FREE FROM OBSTRUCTIONS FOR 2 1/2" FROM RISER FACE
3. RISER TO BE PLUMB +OR– 1/8"
4. NORMAL WEIGHT CONCRETE: COMPRESSIVE STRENGTH 3000 P.S.I.
5. STRUCTURAL LIGHT WEIGHT CONCRETE: ACCEPTABLE UNDER THE FOLLOWING CONDITIONS; MINIMUM 2500 P.S.I. WITH A DRY WEIGHT OF 90+115 LBS. PER CUBIC FOOT.
6. PAN FOUR ACCEPTABLE UNDER THE FOLLOWING CONDITIONS: FLOOR MOUNTED CHAIRS, 3" THICK, FREE FROM OBSTRUCTIONS FOR TOP 2" THICK FROM HIGHEST POINT OF THE CONFIGURATION. (SEE BELOW) STRUCTURAL LIGHT WEIGHT CONCRETE REQUIREMENTS AS STATED ABOVE.



ADDED (2) ROLL AWAY CHAIRS IN CLUB.	JTW	07/25/03
REVISED PER FIELD CHECK OF SUITES.	JTW	06/24/03
REVISED PER FIELD CHECKED DIMENSIONS.	JTW	05/16/03
ADDED FBC CHAIRS.	JTW	04/30/03
REVISED PER MARK–UPS.	JTW	04/28/03
ADDED FBC CHAIRS.	JTW	04/23/03
REVISED PER MARK–UPS.	JTW	04/21/03

BACK PITCH: 18"	ACCESSORIES				
CHAIR NO.: 303030, 313130, & 471266 H.B.	NUMBER AND LETTER PLATES.				
WOOD FINISH:	(38) TRANSFER ARM ENDS				
POWDER COAT: #109 GREEN	PATRIOT ARM CUPHOLDERS & CADDY SLIM IN SUITES.				
FABRIC:	REMOVABLE CHAIRS: SEE MOVABLE BASE SUMMARY				
PLASTIC LAMINATE:	CHAIR SUMMARY				
PLASTIC BACK AND SEAT: #109 GREEN	SIZES	SEE	SHEET	#1	TOTAL
PLASTIC ARMS:	QUANTITY	SEE	SHEET	#1	

REVISIONS		DATE
REV. PER MARKUPS & FAX.	JTW	11/13/02
REVISED GRAND TOTALS.	JTW	12/13/02
REVISED PER MARK–UP.	JTW	01/07/03
ADDED SUITE & SECTION NUMBERS.	JTW	01/22/03
REVISED CLUB SEATING.	JTW	03/31/03

NOTE: EACH ROW LENGTH DIMENSION INCLUDES AN ADD ON OF * FOR EACH END STANDARD

* 1 1/2" FOR CHAIR STYLES #303030 & #313130
2" FOR CHAIR STYLE #41266.

SEATING LAYOUT	
FOR:	BUDWEISER EVENTS CENTER
LOCATED:	LOVELAND, CO.
DATE: 08/19/02	SCALE: 1/8"=1'–0" FLOOR IS CONCRETE
DRAWN BY: John Wellman	CHECKED BY:

ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS SEATING PLAN. VERIFICATION OF COMPLIANCE WITH BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR THE ARCHITECT

IRWIN SEATING COMPANY
Grand Rapids, MI.

ORDER # 076517
SHEET 2 OF 2

DR# 020582

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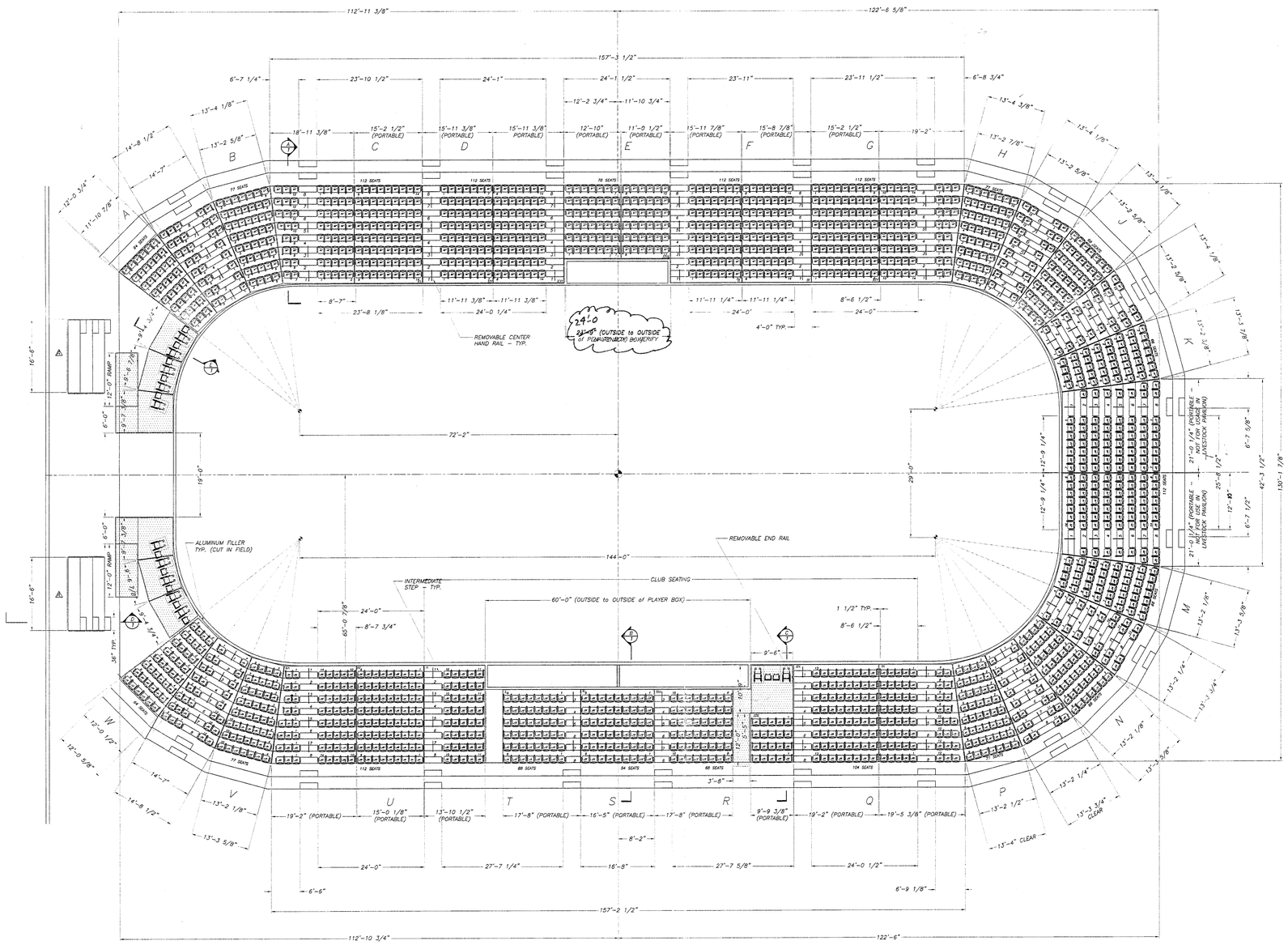
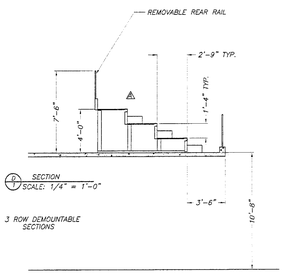




SECTION
SCALE: 1/4" = 1'-0"

3 ROW DEMOUNTABLE SECTIONS

NOTES:
ALL VERIFIABLE DIMENSIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

FLOOR SHALL BE SMOOTH AND LEVEL, WITH SLOPE NOT TO EXCEED 1/8" IN 10'-0". (ALTERNATIVELY RECOMMEND FF50/FL35)

IF WALL COLUMNS OR OTHER OBSTRUCTIONS EXIST IN PROPOSED BLEACHER AREA, VERIFY TYPE, LOCATION, WIDTH, & DEPTH AT FLOOR AND AT LAST ROW SEAT HEIGHT.

FINISHES:
PANELAM – #37 GREY
STEEL – BLACK POWDER COAT
PLASTIC – HUNTER GREEN
FABRIC – ACADEMY SALUTE #3713

REQUIREMENTS:

PORTABLE SECTIONS for ALTERNATE USAGE in LIVESTOCK PAVILION

1 – 19'-5 3/8" SECTION (TAPERED ONE END – SECTION XI)
1 – 19'-2" SECTION (TAPERED ONE END – SECTION VII)
1 – 19'-2" SECTION (RECTANGULAR – SECTION XII)
2 – 15'-11 3/8" SECTIONS (RECTANGULAR – SECTIONS XV, & XVI)
1 – 15'-11 7/8" SECTION (RECTANGULAR – SECTION II)
1 – 15'-8 7/8" SECTION (RECTANGULAR – SECTION III)
2 – 15'-2 1/2" SECTIONS (RECTANGULAR – SECTIONS VI & XIV)
1 – 15'-0 1/8" SECTION (SECTION IV)
1 – 13'-10 1/2" SECTION (SECTION V)
1 – 9'-9 3/8" SECTION (PROGRAMMABLE to ROW 5) (SECTION XIII)
8 ROWS

2 – 17'-8" SECTIONS (SECTIONS VIII & X)
1 – 16'-5" SECTION (SECTION IX)
1 – 12'-10" SECTION (SECTION I)
1 – 11'-0 1/2" SECTION (SECTION XVII)
8 ROWS (PROGRAMMABLE TO ROW 3)

RECTANGULAR
MANUAL OPERATION w/PORTABLE OPERATOR HANDLE & TUG FRAMES
FORK-LIFT PORTABLE

PORTABLE SECTIONS (NOT for USAGE in LIVESTOCK PAVILION)

2 – 21'-0 1/4" SECTIONS (TAPERED ONE END)

RECESSED SECTIONS

1 – 19'-2" SECTION (TAPERED ONE END)
1 – 18'-11 3/8" SECTION (TAPERED ONE END)
2 – 14'-7" SECTIONS (TAPERED BOTH ENDS)
1 – 13'-2 7/8" SECTION (TAPERED BOTH ENDS)
4 – 13'-2 5/8" SECTIONS (TAPERED BOTH ENDS)
1 – 13'-2 1/2" SECTION (TAPERED BOTH ENDS)
1 – 13'-2 3/8" SECTION (TAPERED BOTH ENDS)
2 – 13'-2 1/4" SECTIONS (TAPERED BOTH ENDS)
3 – 13'-2 1/8" SECTIONS (TAPERED BOTH ENDS)
1 – 12'-0 1/2" SECTION (TAPERED BOTH ENDS)
1 – 11'-10 7/8" SECTION (TAPERED BOTH ENDS)
8 ROWS

ALL SECTIONS TO BE PROGRAMMABLE TO ROW 6

MANUAL OPERATION w/PORTABLE OPERATOR HANDLE & TUG FRAMES
5/8" PANELAM DECK
STEEL NOSE & REAR RISER
14 1/2" RISE (ROW 1 – 12" RISE)
33" SPACING (ROW 1 – 32 1/2" SPACING)
18 – 48" FOOTREST AISLES w/NON-SLIP TREAD
2 – 45" FOOTREST AISLES w/NON-SLIP TREAD
INTERMEDIATE STEPS
REMOVABLE FRONT STEPS
REMOVABLE CENTER HAND RAILS
REMOVABLE END RAILS w/SLIDE-OUT POCKETS
– 8 EXTRA SETS of REMOVABLE END RAILS & SLIDE-OUT POCKETS FOR ALTERNATIVE CONFIGURATIONS
REMOVABLE REAR RAILS (on PORTABLES A thru Q ONLY)
SEAT NUMBERS & ROW LETTERS (SEE NOTES)
HINGED ALUMINUM GAP CLOSURES
ALUMINUM GAP FILLER BETWEEN ROW 1 & DASHER
FLOOR PINTELS

LOCATION PLAQUES on EACH PORTABLE SECTION

2 – 16'-6" SECTIONS
3 ROWS

16" RISE
33" SPACING
NON-TELESCOPIC DEMOUNTABLE
2 – 36" FOOTREST AISLES w/NON-SLIP TREAD
INTERMEDIATE STEPS
HINGED FRONT STEPS
REMOVABLE END RAILS
REMOVABLE REAR RAILS

ATTIC STOCK:
18 of CHAIRS

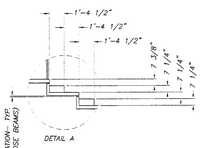
SEATING CAPACITY:
△1

154 – 22" UPHOLSTERED CHAIRS
120 – 21" UPHOLSTERED CHAIRS
40 – 20" UPHOLSTERED CHAIRS
314 TOTAL UPHOLSTERED CHAIRS (CLUB SEATING)

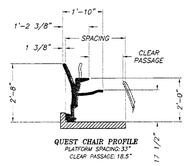
232 – 22" PLASTIC CHAIRS
295 – 21" PLASTIC CHAIRS
650 – 20" PLASTIC CHAIRS
253 – 19" PLASTIC CHAIRS
2 – 18" PLASTIC CHAIRS
1432 TOTAL PLASTIC CHAIRS (GENERAL SEATING)

1746 MANUAL QUEST CHAIRS w/CUPHOLDER ARMS (AS SHOWN)

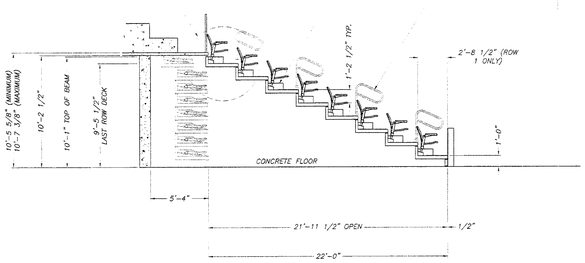
2 – 9'-7 3/8" SECTIONS x 8'-0" SPACING (TAPERED)
2 – 9'-6 7/8" W. SECTIONS x 8'-0" SPACING (TAPERED)
2 – 9'-4 3/4" W. SECTIONS x 8'-5" SPACING (TAPERED)
1 – 9'-6" W. x 10'-9" D. SECTION (RECTANGULAR)
12" RISE
2 – 12'-0" L. x 72" W. ADA ACCESSIBLE RAMPS w/LANDINGS
1 – 12'-0" L. x 44" W. ADA ACCESSIBLE RAMP w/LANDING
END & BACK RAILS



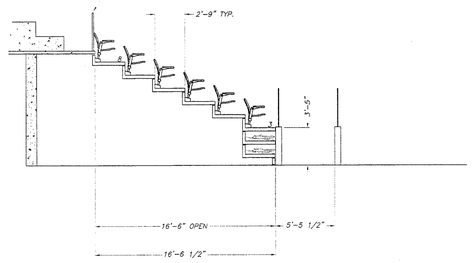
ALL RAILS TO MATCH ARCH DETAILS
SEE ATTACHED SHEETS
A1.9.10 & A.1.9.14 → A1.9.17
PROCEED ACCORDINGLY
~~PROVIDE FULL SET WITH ARCH SEAL~~



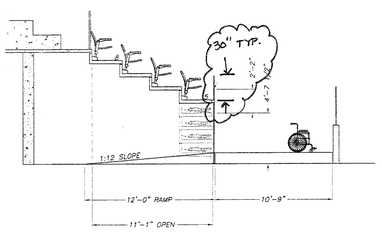
QUEST CHAIR PROFILE
PLATFORM SPACING:33"
CLEAR PASSAGE:18.5"



SECTION
SCALE: 3/16" = 1'-0"

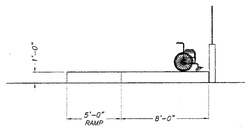


SECTION
SCALE: 3/16" = 1'-0"



SECTION
SCALE: 3/16" = 1'-0"

PROVIDE THIS SECTION PROGRAMMABLE @ ROW 4 AS WELL - OPERATOR MAY ELECT TO REDUCE ADA PROVIDED WIDTH IN FIELD



SECTION
SCALE: 3/16" = 1'-0"

NEENAN
This submittal has been reviewed for conformance with the contract documents. All final verification and coordination of dimensions and quantities is the responsibility of the subcontractor.
Spec: 12-620 Sub No: 001-02
By: CK Date: 5-1-03

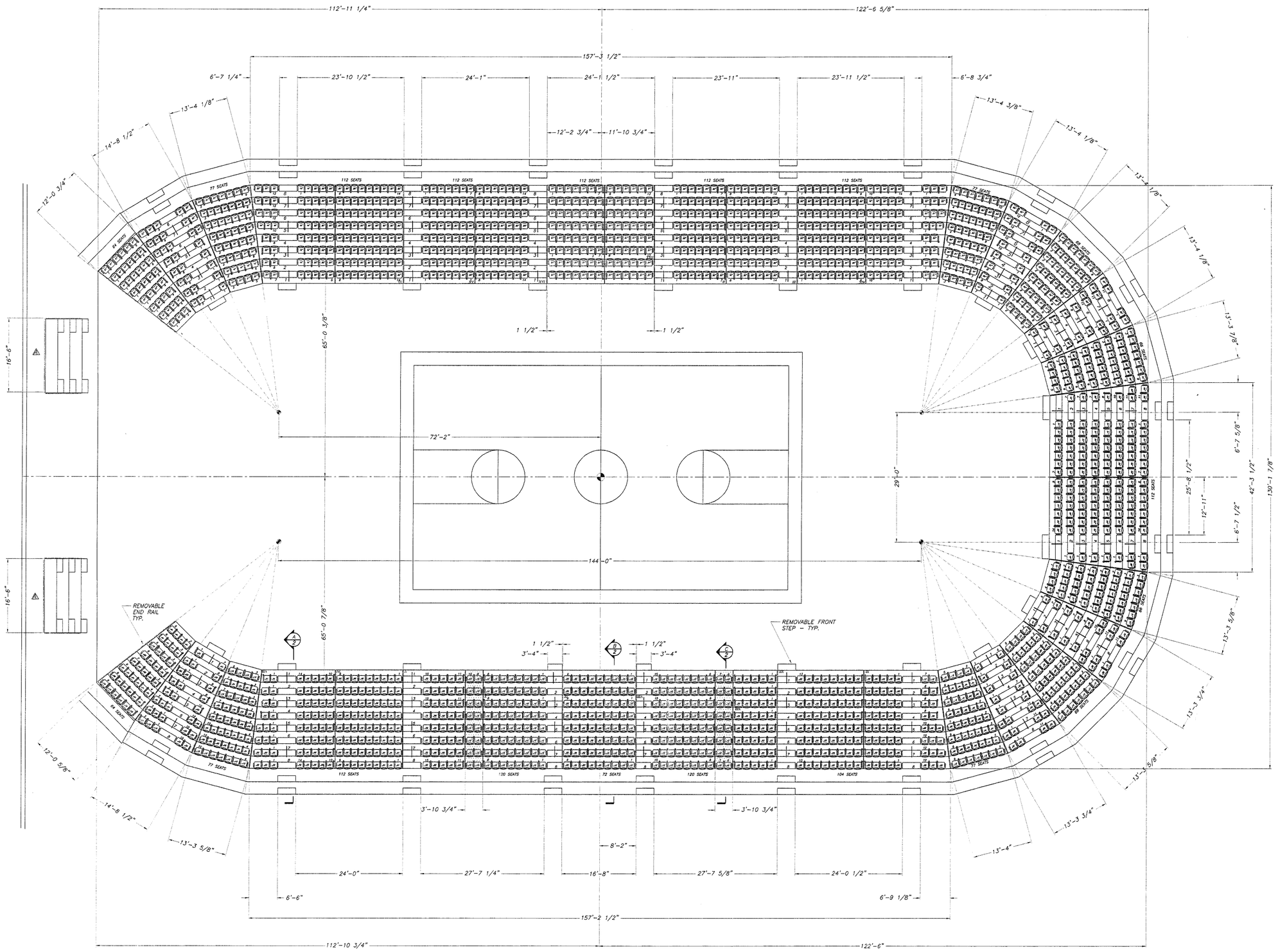
NO.	REVISION	DATE	BY	ISSUED FOR	DATE	BY
3	REVISED per RED LINE MARK UP of 4/17/03, ADDED ADA DECKS & RAMPS	4/21/03	CW			
2	EXTENDED CLUB SEATING, REVISED ELEVATIONS, ADDED ROMAN NUMERAL REFERENCES	3/31/03	CW			
1	ADDED CUPHOLDER ARMS, SEAT COUNT WAS 1802, ADDED 10" PSM	11/9/02	CW			

FOLDING BLEACHER COMPANY
A SUBSIDIARY OF
IRWIN SEATING
ALTAMONT, ILLINOIS

LARIMER COUNTY FAIRGROUNDS
LOVELAND, CO.

PLAN/ELEV.		DWG. NO. T02049BA	
SCALE: 3/32" = 1'-0"	DATE	REVISION DATE: 4/21/03	REV.
DRAWN BY: CW	8/14/02	LAST PLOT DATE:	C
CHECKED:		CAD FILENAME: T02049BA_REVC.DWG	

ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS SEATING PLAN, VERIFICATION OF COMPLIANCE WITH BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR ARCHITECT.



REQUIREMENTS:

2 - 3'-10 3/4" SECTIONS
SPANNER DECKS
8 ROWS

12" RISE - ROW 1
14 1/2" RISE - REMAINING ROWS
32 1/2" SPACING - ROW 1
33" SPACING - REMAINING ROWS

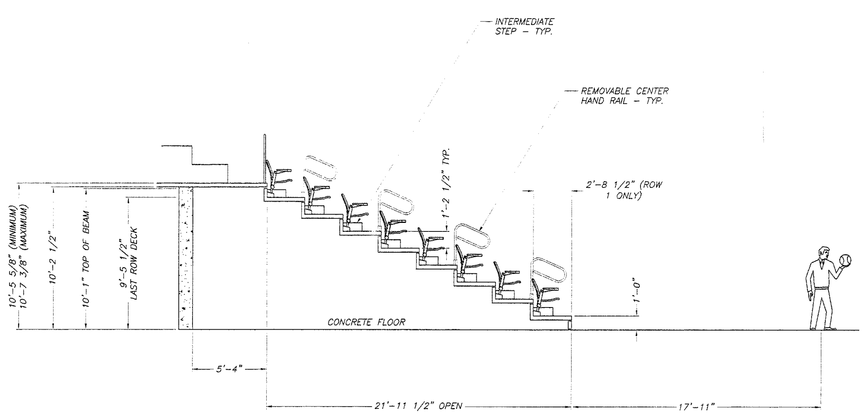
ALUMINUM NOSE
STEEL REAR RISER
PANELAM DECK

SEATING CAPACITY:

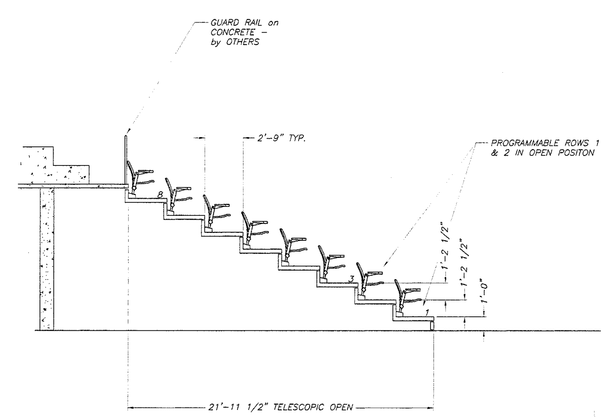
△ 169 - 22" UPHOLSTERED CHAIRS
202 - 21" UPHOLSTERED CHAIRS
40 - 20" UPHOLSTERED CHAIRS
411 TOTAL UPHOLSTERED CHAIRS (CLUB SEATING)

232 - 22" PLASTIC CHAIRS
295 - 21" PLASTIC CHAIRS
650 - 20" PLASTIC CHAIRS
253 - 19" PLASTIC CHAIRS
2 - 18" PLASTIC CHAIRS
1432 TOTAL PLASTIC CHAIRS (GENERAL SEATING)

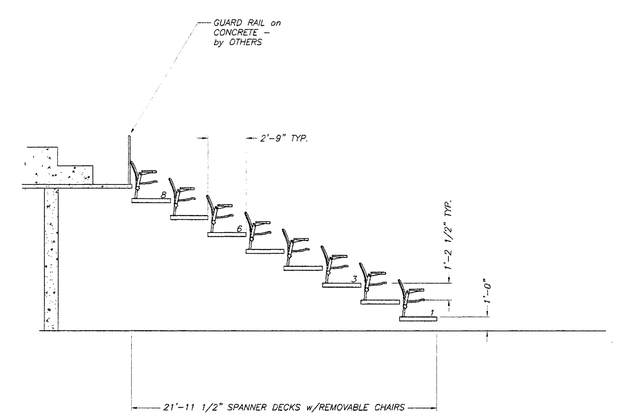
1843 MANUAL QUEST CHAIRS w/CUPHOLDER ARMS (AS SHOWN)



A/2 SECTION
SCALE: 3/16" = 1'-0"



B/2 SECTION
SCALE: 3/16" = 1'-0"



C/2 SECTION
SCALE: 3/16" = 1'-0"

BASKETBALL CONFIGURATION

NO.	REVISION	DATE	BY	ISSUED FOR	DATE	BY
2	REVISED SEATING SECTION REFERENCES, DELETED (8) CHAIRS, EXTENDED CLUB SEATING AREA	3/31/02	CW			
1	REVISED SECTIONS, ADDED CUPHOLDER ARMS, ADDED INFILL SECTIONS	11/11/02	CW		11/18/02	CHM

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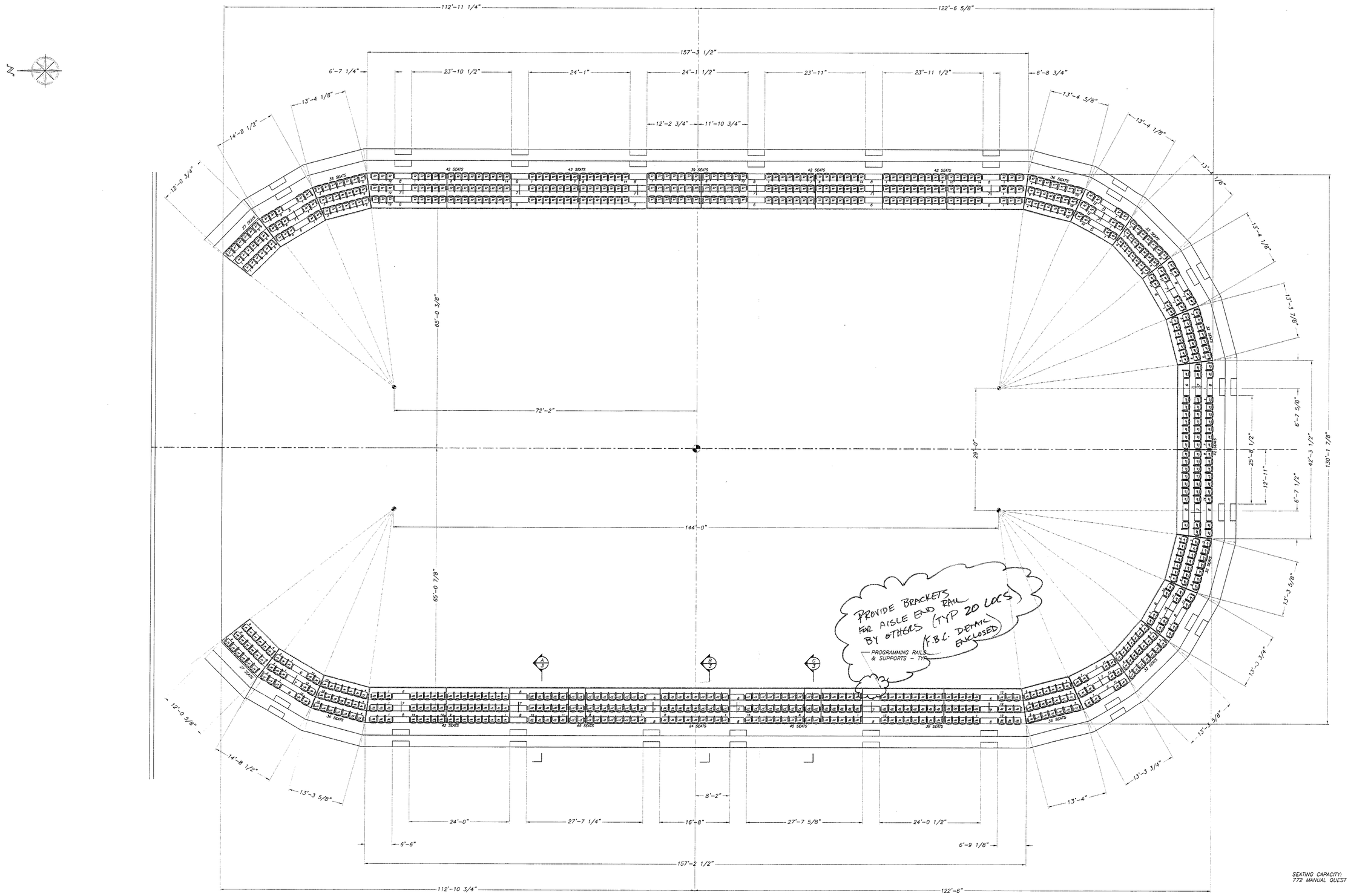
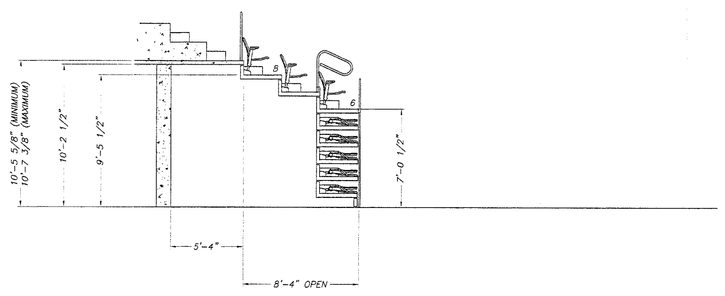
PLAN/ELEV.		DWG. NO. T02049BB	
SCALE: 3/32" = 1'-0"	DATE	REVISION DATE: 3/31/03	REV.
DRAWN BY: CW	8/15/02	LAST PLOT DATE:	B
CHECKED:		CAD FILENAME: T02049BB_REVB.DWG	

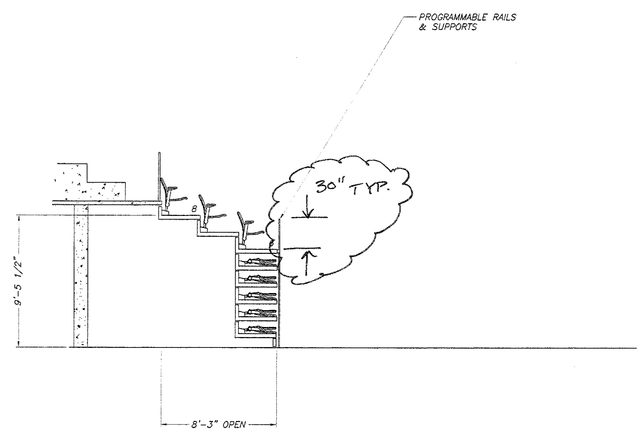
ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS SEATING PLAN, VERIFICATION OF COMPLIANCE WITH BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR ARCHITECT.



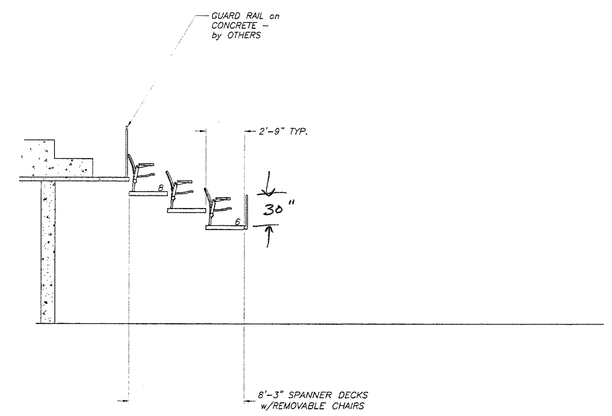
SEATING CAPACITY:
772 MANUAL QUEST CHAIRS w/ARMS



A/3 SECTION
SCALE: 3/16" = 1'-0"



B/3 SECTION
SCALE: 3/16" = 1'-0"



C/3 SECTION
SCALE: 3/16" = 1'-0"

RODEO CONFIGURATION

NO.	REVISION	DATE	BY	ISSUED FOR	DATE	BY
3	REVISED per RED LINE MARK-UP DATED 4/17/03	4/21/03	CW			
2	EXTENDED CLUB SEATING, DELETED (3) SEATS	3/31/03	CW			
1	REVISED SECTIONS, ADDED CUPHOLDER ARMS, ADDED INFILL SECTIONS	11/11/02	CW		11/18/02	CHK

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LOVELAND, CO.

PLAN/ELEV.

DWG. NO. T02049BC

SCALE: 3/32" = 1'-0"	DATE	REVISION DATE: 4/22/03	REV.
DRAWN BY: CW	8/15/02	LAST PLOT DATE:	C
CHECKED:		CAD FILENAME: T02049BC_REVC.DWG	

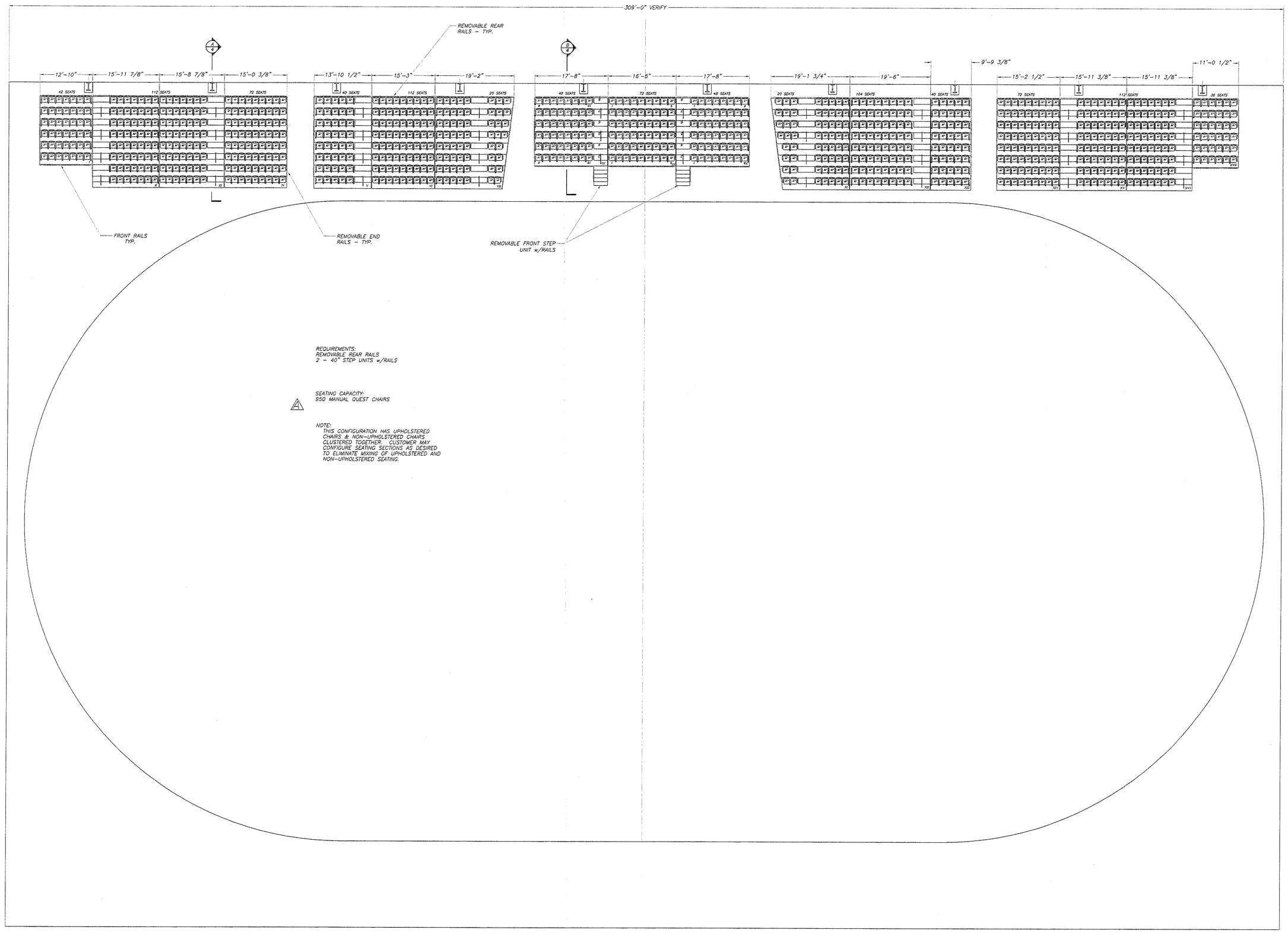
ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS SEATING PLAN, VERIFICATION OF COMPLIANCE WITH BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR ARCHITECT.

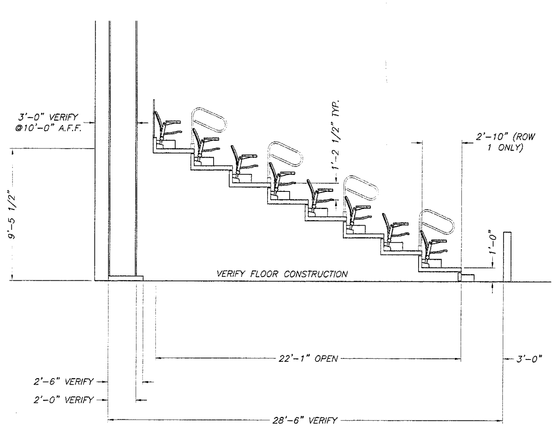
NOTES:
ALL VERIFIABLE DIMENSIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

FLOOR SHALL BE SMOOTH AND LEVEL WITH SLOPE NOT TO EXCEED 1/8" IN 10'-0". (ALTERNATIVELY RECOMMEND FT50/FL35)

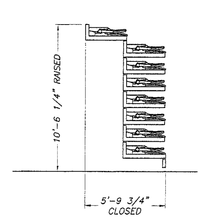
IF WALL COLUMNS OR OTHER OBSTRUCTIONS EXIST IN PROPOSED BLEACHER AREA, VERIFY TYPE, LOCATION, WIDTH, & DEPTH AT FLOOR AND AT LAST ROW SEAT HEIGHT.

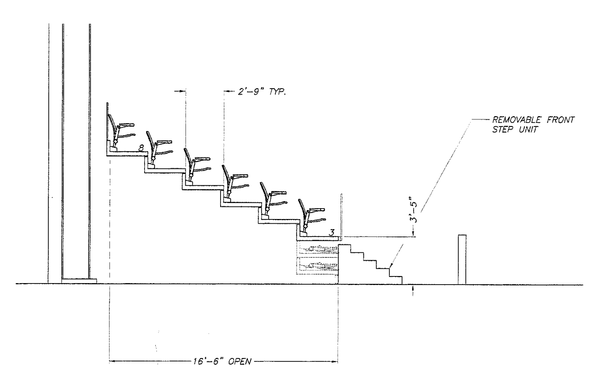
FOR PORTABLE PLATFORMS TO BE MOVED FROM ARENA TO LIVESTOCK PAVILION WITH MINIMAL OPERATING DIFFICULTY, TRANSITION FROM ADJACENT FLOOR SURFACES MUST BE SMOOTH AND LEVEL.





4/4 SECTION
SCALE: 3/16" = 1'-0"





8/4 SECTION
SCALE: 3/16" = 1'-0"

NO.	REVISION	DATE	BY	ISSUED FOR	DATE	BY
3	REVISED per RED LINE MARK UP DATED 4/17/03 AND FIELD CHECK	3/31/03	CW			
2	ADDED ROMAN NUMERAL SECTION REFERENCES	3/31/03	CW			
1	REVISED SECTIONS, ADDED CUPHOLDER ARMS	11/11/02	CW			

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PLAN/ELEV.		DWG. NO. T02049BD	
SCALE: 3/32" = 1'-0"	DATE	REVISION DATE: 4/22/03	REV.
DRAWN BY: CW	8/14/02	LAST PLOT DATE:	C
CHECKED:		CAD FILENAME: T02049BD_REVC.DWG	

ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS SEATING PLAN, VERIFICATION OF COMPLIANCE WITH BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR ARCHITECT.