

CBC 2016:
PROVIDE 0.08" WIDTH PER SEAT FOR AISLES & STAIRS:
EQUIVALENT TO 150 PEOPLE PER FOOT.
PROVIDE 0.06" WIDTH PER SEAT FOR RAMPS:
EQUIVALENT TO 200 PEOPLE PER FOOT.

AISLE WIDTH CALCULATIONS:
AISLE #1 - AISLE #7
REQUIRED AISLE WIDTH = 302 SEATS X 0.08" PER SEAT = 24.16"
<4'-0" CODE MINIMUM <4'-6" PROVIDED - OK

AISLE #3 & #4
REQUIRED AISLE WIDTH = 284 SEATS X 0.08" PER SEAT = 22.72"
<4'-0" CODE MINIMUM <4'-6" PROVIDED - OK

AISLE #5
REQUIRED AISLE WIDTH = 303 SEATS X 0.08" PER SEAT = 24.24"
<4'-0" CODE MINIMUM <4'-6" PROVIDED - OK

AISLE #6
REQUIRED AISLE WIDTH = 156 SEATS X 0.08" PER SEAT = 12.48"
<3'-0" CODE MINIMUM <3'-6" PROVIDED - OK

EXIT WIDTH CALCULATIONS:
STAIRS #1 & #4 @ 7'-6" = 15'-0"
STAIRS #2 & #3 @ 4'-10" = 9'-8"
= 24'-8" TOTAL STAIR EXIT WIDTH
RAMP #1 & #2 @ 4'-7" = 9'-2"
= 9'-2" TOTAL RAMP EXIT WIDTH

STAIR EXIT CAPACITY = 24' - 8" X 150 PEOPLE PER FOOT = 3700 STAIR EXIT CAPACITY FURNISHED
RAMP EXIT CAPACITY = 9'-2" X 200 PEOPLE PER FOOT = 1833 RAMP EXIT CAPACITY FURNISHED
5533 TOTAL EXIT CAPACITY (ACTUAL CAPACITY 3063)

AISLE ACCESSWAY (SEATING EACH SIDE):
26" TREAD DEPTH
CLEAR WIDTH = [DEPTH (26") LESS SEAT WIDTH (9.5")] = 16.5"
21 SEATS FIRST 12" CLEAR = 21 SEATS
0.3" EACH ADDITIONAL SEAT: 16.5" / 12" / 0.3" = 15 SEATS
MAXIMUM SEATS BETWEEN AISLES: 36 SEATS
MAXIMUM WIDTH BETWEEN AISLES: 36 X 1.5' / SEAT = 54'-0"
MAXIMUM ROW LENGTH SHOWN = 49'-6" OK

AISLE ACCESSWAY (DEAD END AISLE):
26" TREAD DEPTH
CLEAR WIDTH = [DEPTH (26") LESS SEAT WIDTH (9.5")] = 16.5"
12 SEATS FIRST 12" CLEAR = 12 SEATS
0.3" EACH ADDITIONAL SEAT: 16.5" / 12" / 0.3" = 7 SEATS
MAXIMUM SEATS BETWEEN AISLES: 19 SEATS
MAXIMUM WIDTH BETWEEN AISLES: 19 X 1.5' / SEAT = 28'-5"
MAXIMUM ROW LENGTH SHOWN = 24'-9" OK

NOTE:
ALL DIMENSIONS SHOWN ON SEAT BRACKET LAYOUT ARE TO FROM THE WELDED JOINT OF THE BRACKET

1 SEAT BRACKET LAYOUT

B50 NOT TO SCALE

2 SIGN DETAIL

B50 NOT TO SCALE

3 SIGN DETAIL

B50 NOT TO SCALE

4 MAVERICK BENCH DETAIL

B50 NOT TO SCALE

5 BRACKET SPACE

B50 NOT TO SCALE

*** SEATING PER SECTION**

- = 665 "L" BRACKETS (14" X 26" JIG)
- = 315 "T" BRACKETS (8" X 26" JIG)
- = 50 MAVERICK BENCH LEGS

SIGNAGE TYP. @ WHEELCHAIR AREAS
A = COMPANION: 1 3/8" X 10" PLASTIC
B = ACCESSIBLE: 6" X 6" 0.040 ALUM.
C = COMPANION: 5 1/2" X 10" 0.040 ALUM.

SIGNAGE TYP. @ WHEELCHAIR AREAS
A = COMPANION: 1 3/8" X 10" PLASTIC
B = ACCESSIBLE: 6" X 6" 0.040 ALUM.
C = COMPANION: 5 1/2" X 10" 0.040 ALUM.

SECTION "A"- "A"

SECTION "B"- "B"

SECTION "C"- "C"

SECTION "D"- "D"

TAYLOR & YFAN Southern BLEACHER COMPANY
GRANDSTANDS • BLEACHERS • STADIUMS

NORWALK - LA MIRADA UNIFIED SCHOOL DISTRICT
LA MIRADA HIGH SCHOOL
LA MIRADA, CALIFORNIA

REV	DATE	DESCRIPTION	BY	CHKD
ES	02/26/20	NOISE THIS SHEET	ES	EM/DMD
ES	02/26/20	NOISE THIS SHEET	ES	EM/DMD
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JOB NUMBER: 19333
SHEET: B50 OF: B55

No