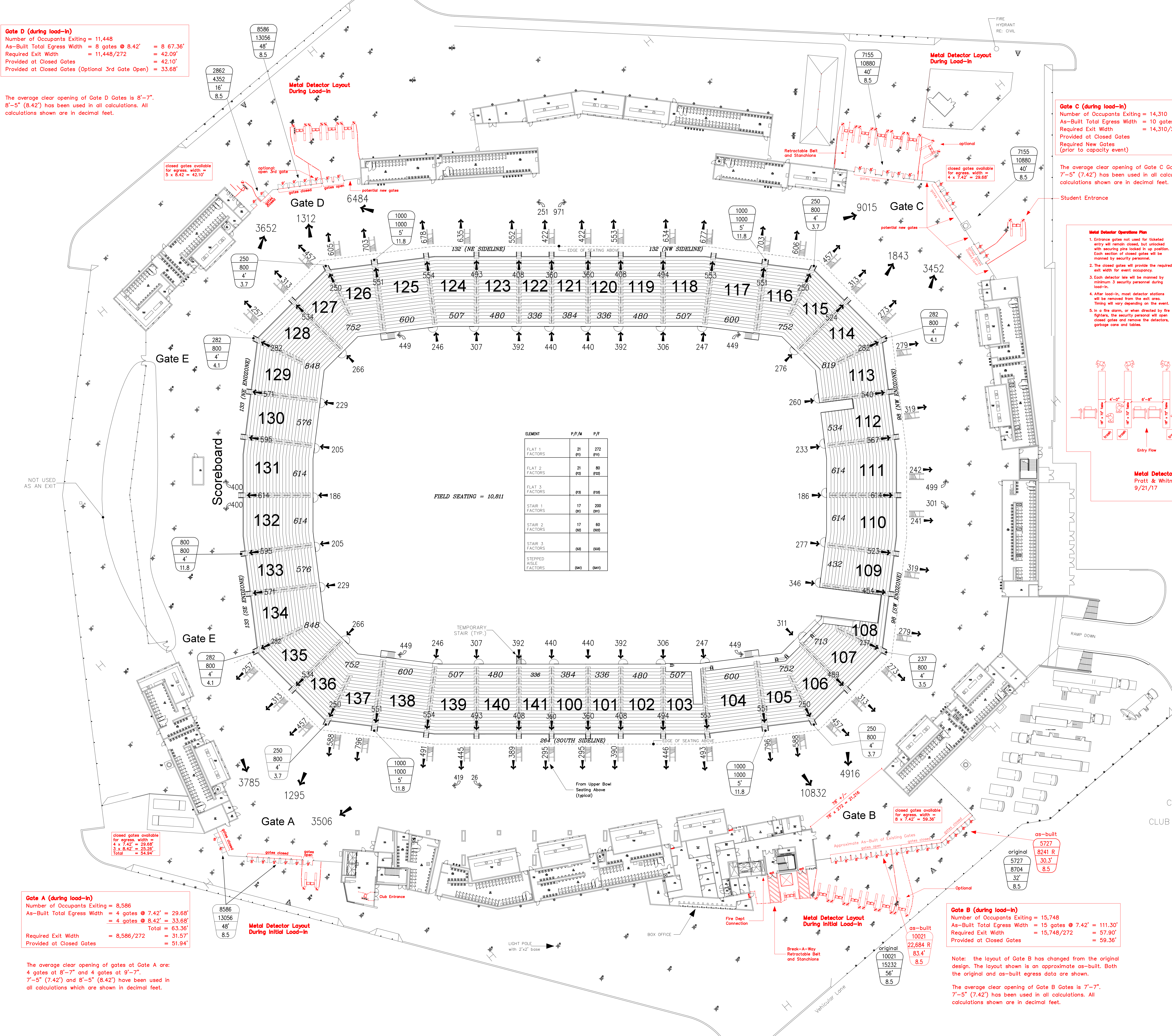


Gate D (during load-in)
 Number of Occupants Exiting = 11,448
 As-Built Total Egress Width = 8 gates @ 8.42' = 8 67.36'
 Required Exit Width = 11,448/272 = 42.09'
 Provided at Closed Gates = 42.10'
 Provided at Closed Gates (Optional 3rd Gate Open) = 33.68'

The average clear opening of Gate D Gates is 8'-7". 8'-5" (8.42') has been used in all calculations. All calculations shown are in decimal feet.

Gate A (during load-in)
 Number of Occupants Exiting = 8,586
 As-Built Total Egress Width = 4 gates @ 7.42' = 29.68'
 As-Built Total Egress Width = 4 gates @ 8.42' = 33.68'
 Required Exit Width = 8,586/272 = 31.57'
 Provided at Closed Gates = 51.94'

The average clear opening of gates at Gate A are: 4 gates at 8'-7" and 4 gates at 9'-7". 7'-5" (7.42') and 8'-5" (8.42') have been used in all calculations which are shown in decimal feet.



ELEMENT	P/F/M	P/F
FLAT 1 FACTORS	21 (9)	272 (91)
FLAT 2 FACTORS	21 (9)	80 (23)
FLAT 3 FACTORS	0/3 (0)	0/3 (0)
STAIR 1 FACTORS	17 (8)	200 (81)
STAIR 2 FACTORS	17 (8)	60 (22)
STAIR 3 FACTORS	0/3 (0)	0/3 (0)
STEPPIED AISLE FACTORS	0/4 (0)	0/4 (0)

FIELD SEATING = 10,811

GENERAL NOTES

- ROOM OCCUPANCY WILL TYPICALLY BE EVENLY DISTRIBUTED WHEN MORE THAN ONE EXIT EXISTS.

LEGEND

- XXX OCCUPANCY OF SECTION OR ROOM
- XXX NUMBER OF OCCUPANTS ADVANCING
- DIRECTION OF OCCUPANT FLOW THROUGH ELEMENT
- XX'-XX" TRAVEL DISTANCE
- XX'-XX" TRAVEL PATH
- 2 HOUR RATED WALL

SMOKE PROTECTED

- XXX TOTAL NUMBER OF OCCUPANTS EXITING
- XXX ALLOWABLE NUMBER OF OCCUPANTS
- X.X' EXIT WIDTH IN DECIMAL FEET
- XXX FLOW TIME THROUGH ELEMENT (MINUTES)

NON-SMOKE PROTECTED

- XXX TOTAL NUMBER OF OCCUPANTS EXITING
- XXX ALLOWABLE NUMBER OF OCCUPANTS
- X.X' EXIT WIDTH IN DECIMAL FEET
- XXX FLOW TIME THROUGH ELEMENT (MINUTES)

EXIT WIDTH FACTORS

	SMOKE PROTECTED	ENCLOSED SPACES
STANDARD STAIR RISERS	200	60
VOMITORIES & DOORS	272	80

CONCOURSE LEVEL

FIELD LEVEL POPULATION =	10,811 PERSONS
LOWER LEVEL POPULATION =	19,270 PERSONS
CONCOURSE LEVEL POPULATION =	990 PERSONS
UPPER LEVEL POPULATION =	18,606 PERSONS
CLUB LEVEL POPULATION (PARTIAL) =	415 PERSONS
TOTAL POPULATION =	50,092 PERSONS
AVAILABLE EXIT CAPACITY =	76,160 PERSONS

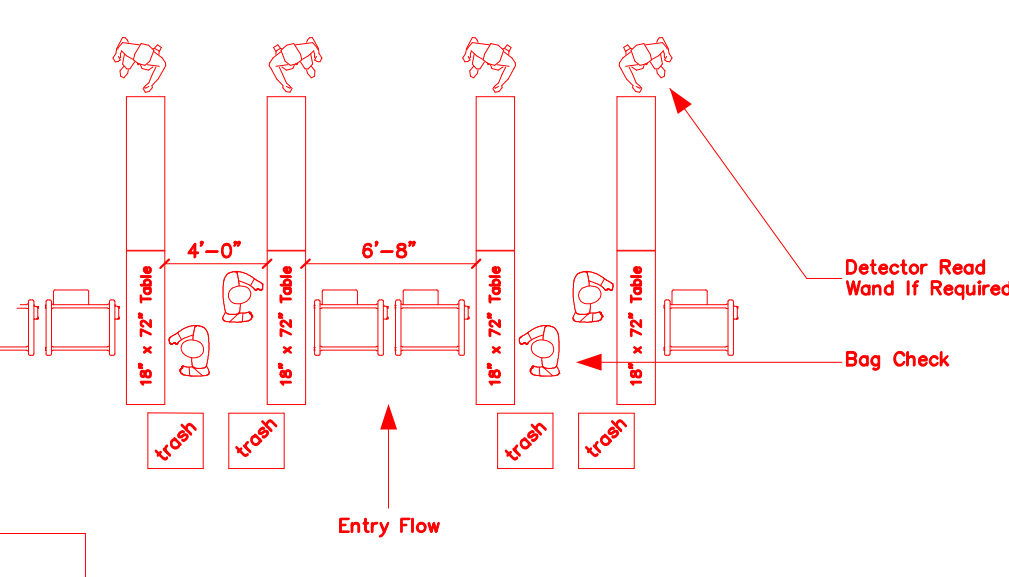
Note: Existing bowl seating capacity = 38,000, based on ticketed seats

FROM SHEET ES-102
 Record Documents 8/30/03
 Scale: 1" = 30'
 Revision 10/26/17

Gate C (during load-in)
 Number of Occupants Exiting = 14,310
 As-Built Total Egress Width = 10 gates @ 7.42' = 74.20'
 Required Exit Width = 14,310/272 = 52.61'
 Provided at Closed Gates = 29.68'
 Required New Gates (prior to capacity event) = 22.93'

The average clear opening of Gate C Gates is 7'-7". 7'-5" (7.42') has been used in all calculations. All calculations shown are in decimal feet.

Metal Detector Operations Plan
 1. Entrance gates not used for ticketed entry will remain closed, but unsecured with securing pins locked in up position. Each section of closed gates will be manned by security personnel.
 2. The closed gates will provide the required exit width for event occupancy.
 3. Each detector lane will be manned by minimum 3 security personnel during load-in.
 4. After load-in, most detector stations will be removed from the exit area. Timing will vary depending on the event.
 5. In a fire alarm, or when directed by fire fighters, the security personnel will open closed gates and remove the detectors, garbage cans and tables.



Metal Detector Layout & Operations Plan
 Pratt & Whitney Stadium at Rentschler Field
 9/21/17

Gate B (during load-in)
 Number of Occupants Exiting = 15,748
 As-Built Total Egress Width = 15 gates @ 7.42' = 111.30'
 Required Exit Width = 15,748/272 = 57.90'
 Provided at Closed Gates = 59.36'

Note: the layout of Gate B has changed from the original design. The layout shown is an approximate as-built. Both the original and as-built egress data are shown.

The average clear opening of Gate B Gates is 7'-7". 7'-5" (7.42') has been used in all calculations. All calculations shown are in decimal feet.