10.10.2002



ARROWHEAD STADIUM





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DENVER BRONCOS





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NFL Stadium	Dimension from Field wall to field	Height from 1st tread to Field	
Denver Broncos	41'-3"	4'-2"	
Philadelphia Eagles	60'	5'-0"	
Seattle Seahawks	56'	4'-0"	
Carolina Panthers	58'	5'-6"	
Washington Redskins	54'	4'-5"	
New England Patriots	64'	4'-6"	
Cincinnatti Bengals	60'	5'-6"	
Baltimore Ravens	57'-9"	5'-1"	





























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	Number of Rows AT 50 Yard Line				101 10 10	1 Acres	Viewing	Seating
Qualcomm Stadium	lower 52	<i>mid</i> 15	upper 19	total 86	total area 1,127,000	SF/seat 15.8	Distance 290	Capacity 71,000
2 Ericsson Stadium	42		38	80	1,906,000	26.1	304'	73,000
3 Jack Kent Cooke Stadium	40	19	29	88	1,750,000	22.4	303'	78,000
4 Paul Brown Stadium-Cincinatti	31	20	35	86	1,852,000	27.2	327'	68,000
5 Oakland-Alameda County Coliseum	46	16	33	95		A	336'	63,263
6 Baltimore Ravens	42	10	29	81	1,550,000	22.8	314'	68,400
7 Seattle Seahawks	27	26	47	100	1,500,000	22.3	332'	67,000
8 New England Patriots	38	24	25	87	1,800,000	26.4	326'	68,000
9 Philadelphia Eagles	34	19	30	83	1,700,000	25.7	310'	66,000

Note:

A. The above figures are based on information taken from drawings. Actual dimensions and counts may vary.

- B. Viewing distance is the diagonal line of sight distance along the 50 yard line from the
 - the most distant seat to the edge of the playing field.
- C. Viewing distance and number of rows may vary depending on the location in the 'bowl'



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CHARGERS



OAKLAND COLISEUM



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DENVER BRONCOS





Children's Museum

Downtown Denver

Pepsi Center

Illitch Gardens

Aquarium

PAS



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Ahead of game, under budget in Denver

BY STEVE CAMERON at the

The Denver Broncos' new stadium could be a remarkable exception to the wearying trend of major construction projects running late and becoming besieged by cost explosions.

Both expenses and time line seem firmly under control.

With the stadium about 60 percent complete, executives of architect HNTB and Turner Construction Co. are suggesting they could finish work well ahead of schedule and at least 88 million under budget. "You never know what can happen with

weather and other things," said Emil Konrath, Turner vice president, "but I'm hoping we'll be done a month before the deadline [Aug. 25]."

Certainly the stadium's owners and operators are smiling. Still cautious, but very pleased.

"To put it in football terms, we're in the third quarter and we've got a great lead." said Tim Romani, executive director of the Metropolitan Football Stadium District. "We realize that we're not finished, and the only thing that counts is where we are

N at the end, but I think we're looking awfully good." HNTB and Turner are engaged in a joint

venture, design-build agreement that is unusual for large U.S. sports facilities. Rarer yet is the fact that HNTB assumed 20 percent of Turner's contractual risk.

"As far as I'm awaw, this is the biggest project in which the architect the assumed a significant risk position." sold Terry Miller, senior vice president of HNTE. "But it's been an outstanding partnership, and the fib side of risk is the possibility of additional reward. The joint venture partners stand to share in the savings if the project is under budget."

At this point, everyone involved has reason to feel confident.

Romani confirmed that HNTB and Turner already have profilered a change order of more than \$4 million, reducing the guaranteed maximum price to \$380 million in site and infrastructure work, all fees and contingency funds.

"Not only that, but unless something crazy happens, I believe we'll be able to reduce it by another \$4 million in the next



HNTB, Turner may reduce the price further

quarter," Konrath said.

Kim Kennedy; an economist and national forecasting manager for construction information provider EW. Dodge, suggested that she found the cost control on the Broncos stadium project to be fairly remarkable.

"It definitely goes against strong trends we've seen throught the industry for the past couple of years." Kennedy said. "The level of activity the sheer amount of construction has been so high that builders and developers are almost all running into labor and material shortages, which drive up costs.

"One thing which probably is a factor in (Denver's) case is that the design-build model gives a project some real advantages, especially in joint planning by architects and contractors — and the fact that they got to do it all up front."

Romani certainly appreciates the progress and cost-efficiency of his design-

build team.

"Most projects are scrambling around about now, worried about overruns, being late or whatever," Romani said. "We're in the opposite position." Other than confusion over naming rights – and whether they'll be sold at all – the

— and whether they'll be sold at all — the only problem nagging stadium district officials is the matter of Mile High Stadium. The old one, that is.

The HNTB-Turner group had planned to put a wrecking ball to the structure in January giving it sufficient time to clear space on the northwest side of the new stadium for several hundred parking spaces.

"Our contract specifies that Mile High can't be demolished until we've reached substantial completion' on the new stadium." Romani said. "We hoped that with the progress that's been made already we could negotiate a modification of that agreement with [Mayov Weilington Webb] and the City Council.

"Basically, we'd like to knock down Mile High in January, which would give us time to have that parking area done by August and the start of football season. Right now, though, the mayor is taking the cautious route — wanting to wait until we're ready to open the new stadium before getting rid of the old one.

"I understand the mayor's reluctance. The tough part of it, though, is that if we can't clear that space until summer, fars will have to endure a messy first senson with insufficient parking — plus people from the neighborhood want that area opened up."



10.10.2002



OHIO STATE



CLUB AREA



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DENVER BRONCOS



TYPICAL SUITE







DENVER BRONCOS-CLUB AREA



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DENVER BRONCOS-CLUB AREA





ARABARA BARRARA

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LOS ANGELES COLISEUM



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CLUB CONCOURSE



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14164

TYPICAL SUITE





OAKLAND COLISEUM

CLUB



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DENVER BRONCOS

