









EXISTING BUILDING USE



STADIUM PROGRAM

BHS - VAN WINKLE STADIUM RENOVATION + EXPANSION

Butte High School

Naranche Stadium // 1937 // 2011 (reconstructed)



Butte High School

Naranche Stadium // 1937 // 2011 (reconstructed)

SITE FEATURES:

1 synthetic turf field (east-west)

concrete bleachers (north sideline)

restrooms (orginal warming houses) serve as bookends

seating stands (south sideline)

west end zone seating

main entry (Gate 1) is located at the NW corner

The stadium embodies the rugged characteristics of Butte, the Mining City



Laurel High School

Sports Complex // 2009 // \$3.6 million



Laurel High School

Sports Complex // 2009 // \$3.6 million

SITE FEATURES:

1 synthetic turf field (east-west) 10-lane all-weather track

field: 50-50 rubber-sand infill 4,500-seat bleachers (north sideline)

scoreboard with 8ft x 25ft video screen

ticket booths at the east and west grandstands

facility to hold state track meets and championships

practice fields next to the stadium
residents can use the facility for walking and jogging



A. FIELD + STADIUM

WHAT WE HEARD

MULTIPURPOSE TRACK + FIELD



IDEAL FIELD SIZE AND TYPE:

- Football: 120-yard (360') field with no less than 16-20' runoff
- Soccer: 195' x 360'

NFHS Recommended soccer field:

300' -360' in length, 165' - 240' in width

IDEAL TRACK TYPE: 400 METER

- Track: 10-lane around + 10-lane straightaway
- Lane Width = 42" (National Federation of State High School Associations - NFHS)
- rubberized asphalt

The radius of tracks may differ, depending on the configuration for activities inside the oval. – NFHS Track and Field Rules



EXISTING TRACK + FIELD (Radius=90')

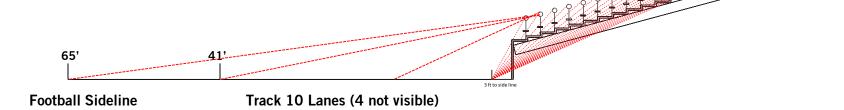


NEW TRACK + FIELD (Ideal Radius = 104'-5")

EXISTING BLEACHER AT TRACK AND FIELD

RISER HEIGHT: 7"

TREAD DEPTH: 26 "

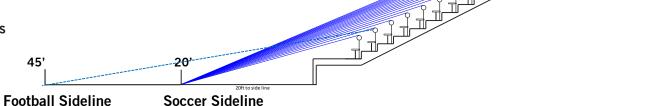




RISER HEIGHT: 14-17"

TREAD DEPTH: 30 "

ADA Enhanced Sightlines Positions



WHAT WE HEARD

COMPETITION FIELD





ARTIFICIAL TURF TYPE:

• Football: 120-yard (360') field

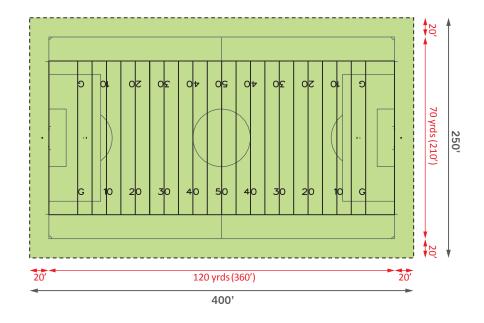
 Soccer: 120yrd x 70yrd (360' x 210') with 20' runoff

NFHS Recommended soccer field: 300' -360' in length, 165' - 240' in width

TOTAL TURF SIZE:

400' x 250'

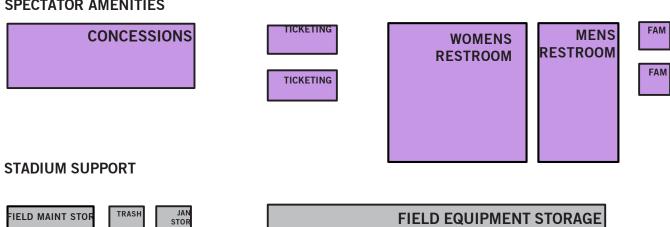
turf can accommodate 120yd x 75yrd (360' x 225') soccer field with 12'-6" runoff



PRESS BOX

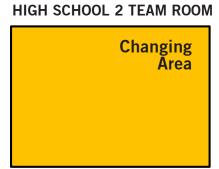


SPECTATOR AMENITIES



Changing Area









OFFICIALS LOCKERS









EQUIPMENT STORAGE



BUILDING SUPPORT



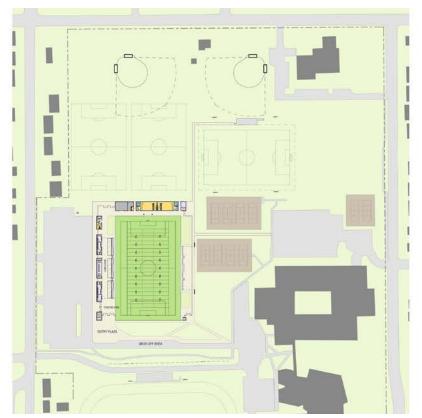




SCHEMATIC DESIGN OPTIONS

BHS - VAN WINKLE STADIUM RENOVATION + EXPANSION

SD SITE OPTIONS SITE PLAN

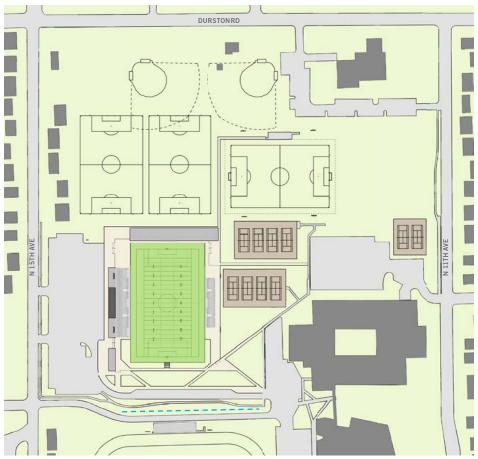


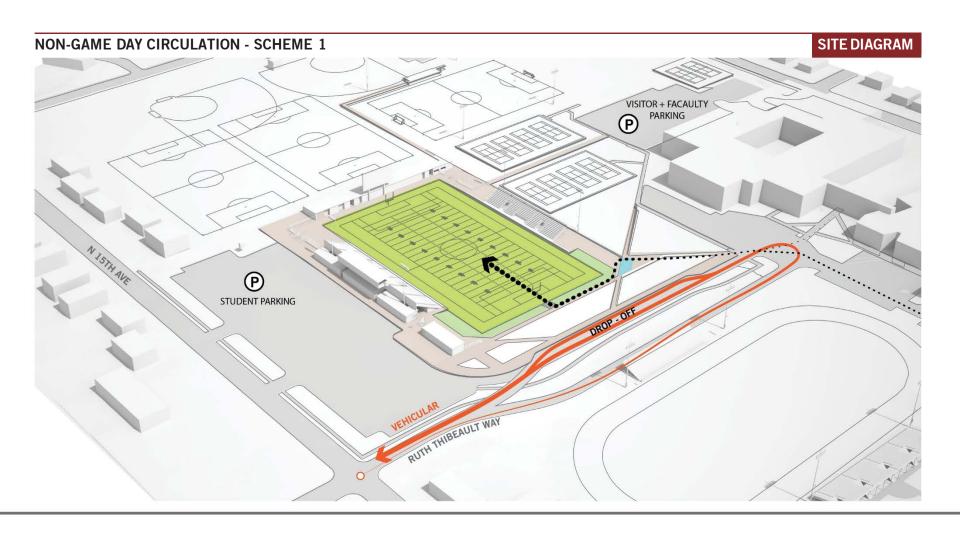


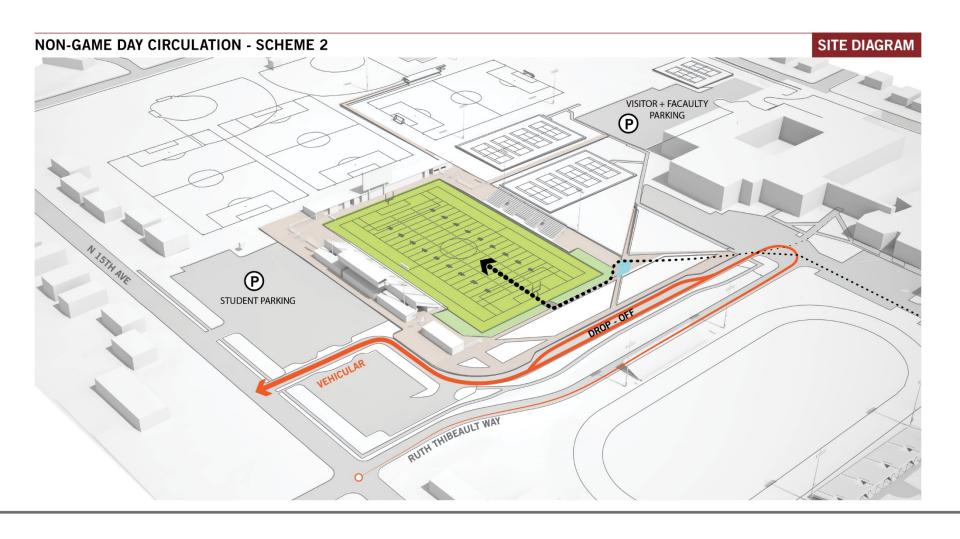
OPTION 3B - SOUTH

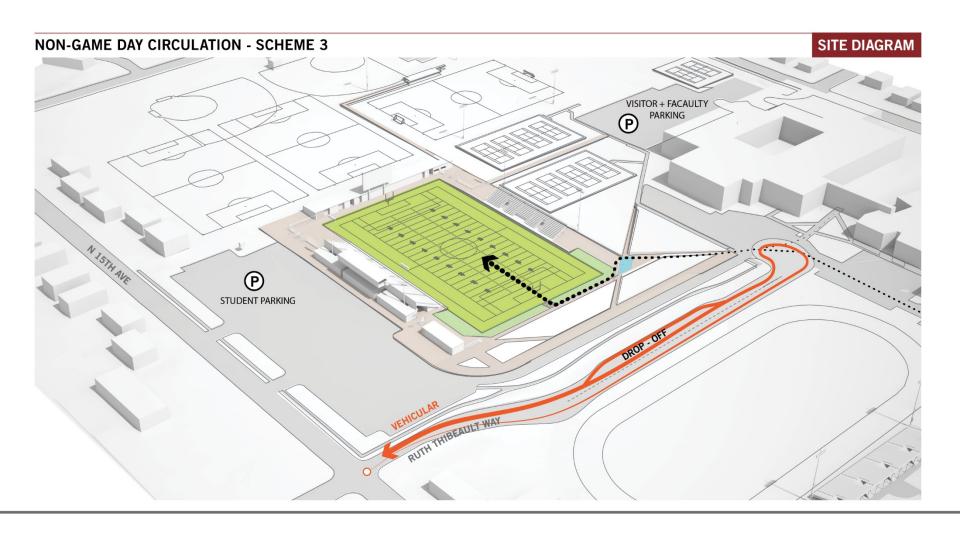
OPTION 3B - NORTH

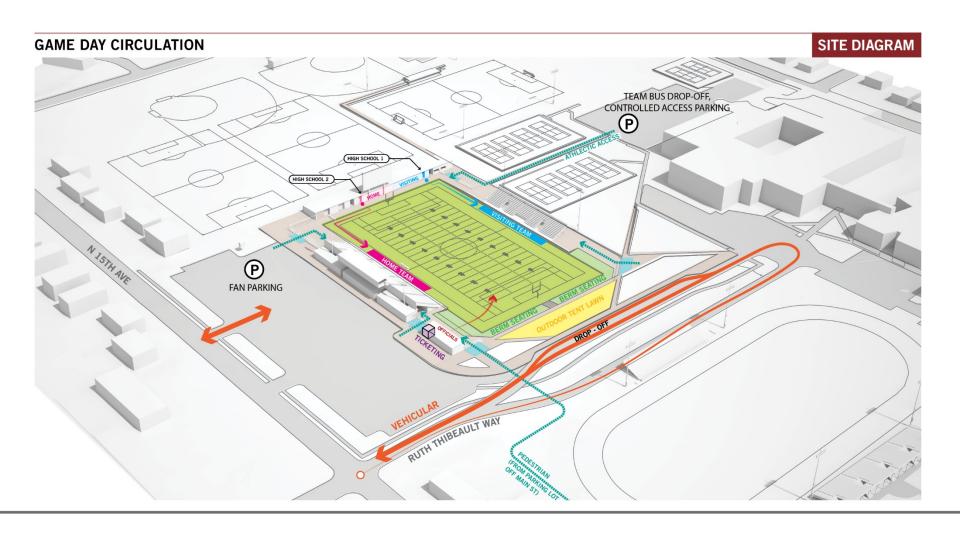
PREFERRED SCHEME SITE PLAN













OVERALL PLAN - CONCOURSE LEVEL



- CHANGING ROOMS
- TRAINING + FIRST AID
- ATHLETIC / FIELD STORAGE
- PRESS BOX
- RESTROOMS
- CONCESSIONS
- OFFICE
- BUILDING SUPPORT

OVERALL PLAN - PRESS BOX LEVEL



- CHANGING ROOMS
- TRAINING + FIRST AID
- ATHLETIC / FIELD STORAGE
- PRESS BOX
- RESTROOMS
- CONCESSIONS
- OFFICE
- BUILDING SUPPORT

ENLARGED PLAN - STADIUM

CHANGING ROOMS

- 1 Team Changing Rooms
- 2 Gender Neutral Locker
- 3 Officials Changing Room

TEAM SUPPORT

4 Training / First Aid

PRESS BOX

- 5 Coaches Booth
- **6** Radio
- 7 Scoreboard
- 8 Film / Video
- 9 Public Address

OFFICE

10 Building Manager's Office

RESTROOMS

- 11 Women's Restroom
- 12 Men's Restroom
- 13 Family Restroom

SPECTATOR AMENITIES

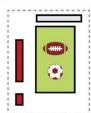
- **14** Concessions
- **15** Ticketing

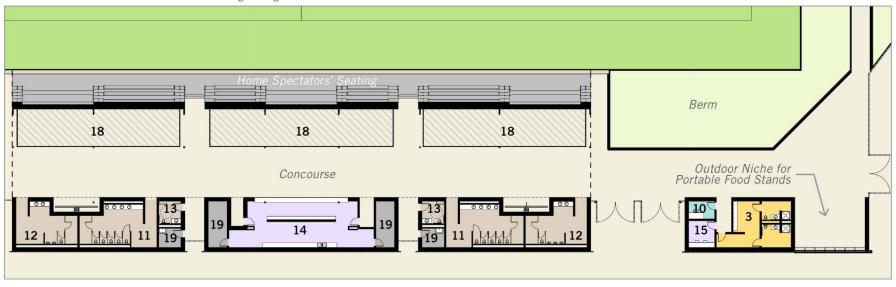
ATHLETIC STORAGE

- 16 Field Maintenance Storage
- 17 Outdoor Athletic Equipment Storage
- 18 Storage Cages

BUILDING SUPPORT

19 Storage (incl. janitorial closet)





ENLARGED PLAN - STADIUM

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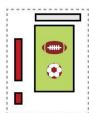
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ATHLETIC STORAGE

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BUILDING SUPPORT

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ENLARGED PLAN - TEAM FACILITY

CHANGING ROOMS

- 1 Team Changing Rooms
- 2 Gender Neutral Locker
- 3 Officials Changing Room

TEAM SUPPORT

4 Training / First Aid

PRESS BOX

- 5 Coaches Booth
- 5 Radio
- 7 Scoreboard
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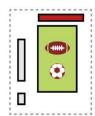
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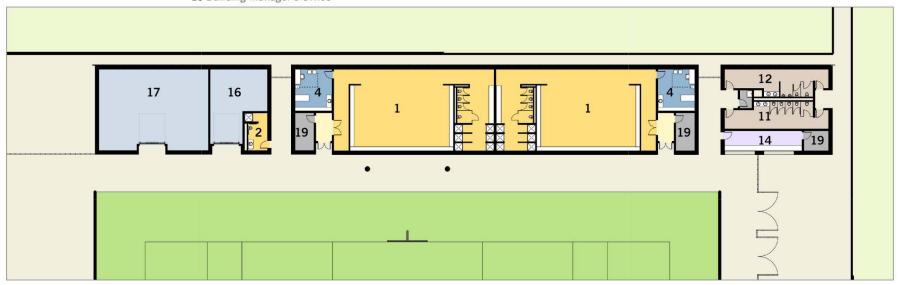
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FROM THE SOUTH-WEST SITE RENDERINGS



FROM THE NORTH-WEST SITE RENDERINGS







Musco cares as much about preserving darkness as it does about creating light.

Emitting light is easy. But LED fixtures that can't effectively control the light being emitted brings the unintended consequences of glare for players and neighbors, and wasteful spill into the night sky.

With Musco's Total Light Control—TLC for LED*, we've taken LED to a level of performance and precision never before seen in sports lighting. It means no disruptive glare into nearby homes and the preservation of dark skies above.

And it opens up new opportunities for where fields can be located within a community, and for existing fields that, until now, weren't able to install lights because of community push back.

preserving the night sky.

"Glyndon Park is in a naturally wooded residential area. We didn't want to illuminate the homes of neighbors in the area. I initially wasn't supportive of putting in traditional lights. The product Musco has developed allows us to light this field, yet light nothing else around it."

Cathy Salgado,
 Parks and Recreation Director, Vienna, VA













