

EXISTING CAMPUS

# METHACTON HIGH SCHOOL

EAGLEVILLE, PENNSYLVANIA

ATHLETIC FACILITIES RENOVATION PROJECT

architerra, pc.

12 January 2012  
Revised - 6 February 2012

## EXISTING REGULATORY ISSUES

### SETBACKS:

#### BUILDINGS/STRUCTURES

- NOT ALLOWED
- DEFINITION: NOTHING MAN-MADE ALLOWED

#### WALLS/FENCES

- NONE IN FRONT YARD EXCEPT FOR FENCING UNDER THIRTY INCHES IN HEIGHT
- REAR AND SIDE YARDS - NONE OVER SIX FEET IN HEIGHT
- SPECIAL EXCEPTION - CHAIN-LINK FENCE ALLOWED UP TO EIGHT FEET IN HEIGHT

#### STORMWATER DETENTION BASINS

- ALLOWED IN SETBACKS

#### PARKING

- ONE HUNDRED FOOT SETBACK FROM PROPERTY LINES
- NOT ALLOWED IN REQUIRED YARD SETBACKS

#### LANDSCAPE BUFFERING

- ALLOWED

### IMPERVIOUS COVERAGE:

- NOT TO EXCEED 30% FOR SCHOOL USE
- CURRENT COVERAGE: 31.6%

### PARKING:

- EXISTING PARKING SPACES: ± 520 SPACES
- EXISTING SEATS (STADIUM): ± 1,468 SEATS
- EXISTING SEATS (AUDITORIUM): ± 650 SEATS

706 PARKING SPACES REQUIRED (one space per three seats)  
186 PARKING SPACES DEFICIENT  
LANDSCAPE BUFFER REQUIRED

### REST ROOMS:

#### REQUIREMENTS FOR OUTDOOR SEATING:

- 1 WATER CLOSET PER 75 MALE
- 1 WATER CLOSET PER 40 FEMALE
- 1 DRINKING FOUNTAIN PER 1,000 PERSONS
- 1 LAVATORY PER 200 MALE
- 1 LAVATORY PER 150 FEMALE

EXISTING STADIUM SEATS: ± 1,468

#### QUANTITY NEEDED:

- 10 WATER CLOSETS MALE
- 19 WATER CLOSETS FEMALE
- 2 DRINKING FOUNTAINS
- 4 LAVATORIES MALE
- 5 LAVATORIES FEMALE

EXISTING INTERIOR RESTROOMS

#### QUANTITY PROVIDED:

- 10 WATER CLOSETS MALE
- 5 WATER CLOSETS FEMALE
- 4 LAVATORIES MALE
- 4 LAVATORIES FEMALE

#### CURRENT DEFICITS:

- 14 WATER CLOSETS FEMALE
- 1 LAVATORY FEMALE

### FIELD LIGHTING:

- NO LIGHT POLE HIGHER THAN TWELVE FEET ABOVE GRADE
- NO LIGHT SPILLAGE OFF PROPERTY
- NO SPECIFIC REQUIREMENTS PRESENTLY STATED



## REGULATORY ISSUES

# METHACTON HIGH SCHOOL

## EAGLEVILLE, PENNSYLVANIA

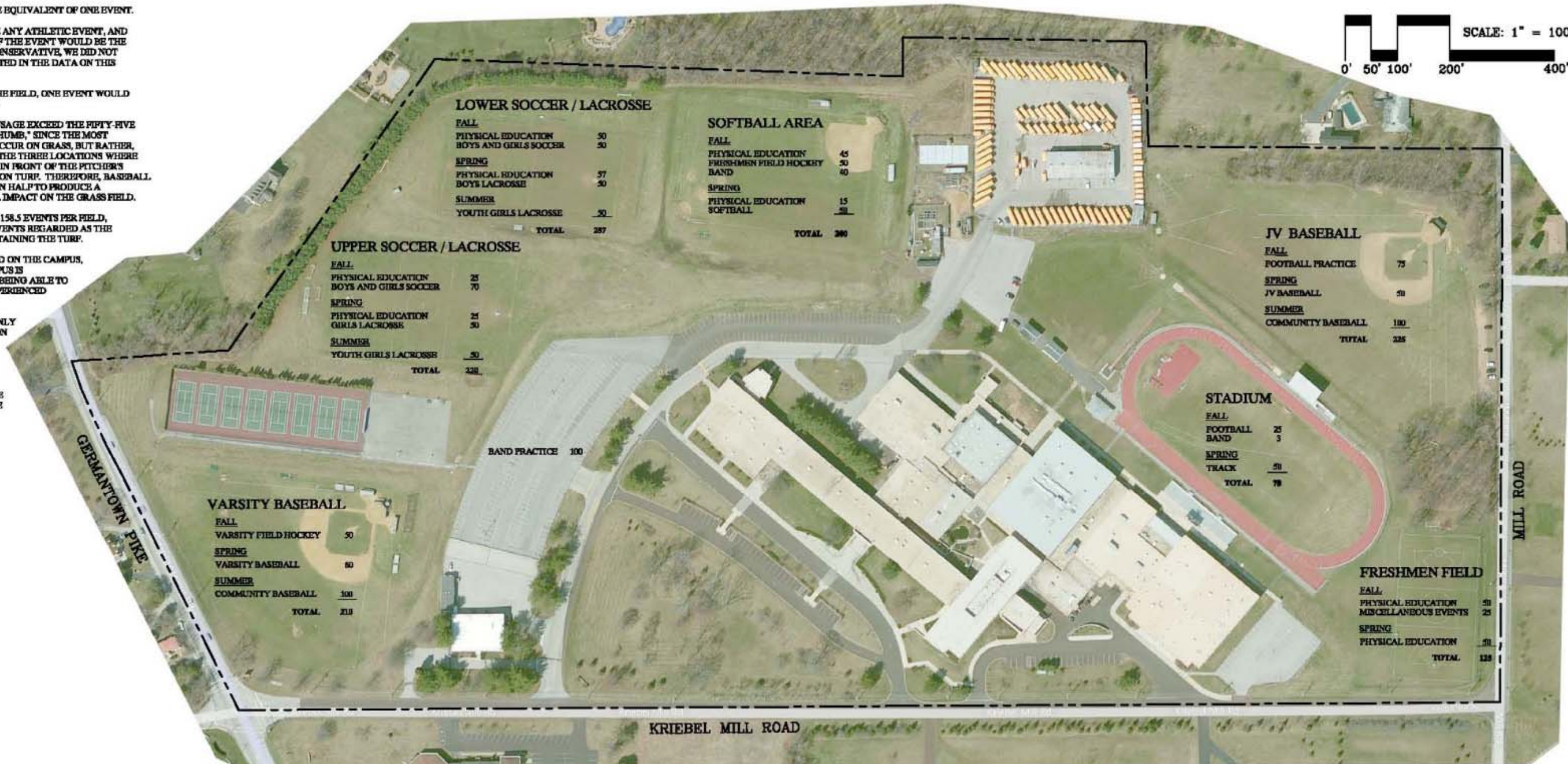
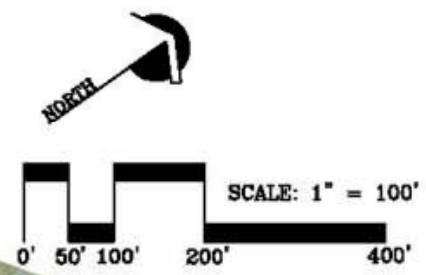
## ATHLETIC FACILITIES RENOVATION PROJECT

architerra, pc.

12 January 2012  
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**FIELD USE PARAMETERS**

- ONE, TWO HOUR ACTIVITY EQUALS ONE EVENT.
- ANY PRACTICE SESSION ON A FIELD IS THE EQUIVALENT OF ONE EVENT.
- IF IT RAINS DURING, OR ON A DAY BEFORE ANY ATHLETIC EVENT, AND THE EVENT STILL OCCURS, THE IMPACT OF THE EVENT WOULD BE THE EQUIVALENT OF TWO EVENTS. TO BE CONSERVATIVE, WE DID NOT FACTOR THIS INTO THE NUMBERS REFLECTED IN THE DATA ON THIS PLAN.
- IF A PHYSICAL EDUCATION CLASS USES THE FIELD, ONE EVENT WOULD BE REALIZED PER EVERY THREE CLASSES.
- BASEBALL AND SOFTBALL FIELD EVENT USAGE EXCEED THE FIFTY-FIVE MAXIMUM EVENTS PER FIELD "RULE OF THUMB," SINCE THE MOST INTENSE USE OF THE SPORTS DOES NOT OCCUR ON GRASS, BUT RATHER, UPON INFIELD MIX. WITH THESE SPORTS, THE THREE LOCATIONS WHERE THE OUTFIELDERS STAND AND THE AREA IN FRONT OF THE PITCHER'S MOUND RECEIVE THE MOST INTENSE USE ON TURF. THEREFORE, BASEBALL AND SOFTBALL EVENTS HAVE BEEN CUT IN HALF TO PRODUCE A "WEIGHTED VALUE" IN TERMS OF ACTUAL IMPACT ON THE GRASS FIELD.
- THIS RESULTS IN A CAMPUS AVERAGE OF 158.5 EVENTS PER FIELD, NEARLY THREE TIMES THE NUMBER OF EVENTS REGARDED AS THE MAXIMUM NUMBER ALLOWED FOR MAINTAINING THE TURF.
- BASED ON THE FIELD USAGE EXPERIENCED ON THE CAMPUS, THE METHACTON SCHOOL DISTRICT CAMPUS IS APPROXIMATELY 13 FIELDS DEFICIENT IN BEING ABLE TO ADEQUATELY ACCOMMODATE THE USE EXPERIENCED ON THE FIELDS TODAY.
- IF ONE WERE TO LIMIT FIELD USAGE TO ONLY SCHOOL DISTRICT ACTIVITIES, BASED UPON THE FIELD USAGE EXPERIENCE ON THE CAMPUS, THE METHACTON SCHOOL DISTRICT CAMPUS IS APPROXIMATELY 9.5 FIELDS DEFICIENT IN BEING ABLE TO ADEQUATELY ACCOMMODATE THE USE EXPERIENCED ON THE FIELDS TODAY. THE EXISTING SEVEN FIELDS WOULD AVERAGE 130 EVENTS PER FIELD.



**FIELD USE TABULATION**

| FIELD IDENTIFICATION               | UNWEIGHTED EVENTS | WEIGHTED EVENTS | WEIGHTED EVENTS SCHOOL USE ONLY |
|------------------------------------|-------------------|-----------------|---------------------------------|
| STADIUM FIELD                      | = 78              | 53              | 53                              |
| VARISITY BASEBALL FIELD            | = 210             | 130             | 80                              |
| UPPER SOCCER / LACROSSE FIELD      | = 220             | 220             | 170                             |
| LOWER SOCCER / LACROSSE FIELD      | = 257             | 257             | 207                             |
| SOFTBALL AREA FIELD                | = 200             | 175             | 175                             |
| JUNIOR VARSITY BASEBALL FIELD      | = 225             | 150             | 100                             |
| FRESHMEN FIELD                     | = 125             | 125             | 125                             |
| AVERAGE NUMBER OF EVENTS PER FIELD | = 188             | 158.5           | 130                             |
| NUMBER OF FIELDS DEFICIENT         | = 17              | 13              | 9.5                             |

FIELD USAGE

**METHACTON HIGH SCHOOL**  
**EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

12 JANUARY 2012

**STADIUM**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 24,000.00           |
| LAYOUT & SURVEYING                     | \$ 9,800.00            |
| EROSION AND SEDIMENT CONTROL           | \$ 7,500.00            |
| TOPSOIL STRIPPING                      | \$ 5,200.00            |
| DEMOLITION AND TRACK BRIDGE            | \$ 9,900.00            |
| EARTHWORK                              | \$ 35,200.00           |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 47,300.00           |
| MISCELLANEOUS UTILITIES                | \$ 20,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 15,000.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 563,600.00          |
| WEST 'D' AREA WITH JUMP EVENTS         | \$ 78,000.00           |
| NEW 8' HT. PERIMETER FENCE             | \$ 90,200.00           |
| JAVELIN AREA                           | \$ 12,800.00           |
| FIELD LIGHTING                         | \$ 260,000.00          |
| TOPSOIL AND SEEDING                    | \$ 3,000.00            |
| FLAGPOLES (3)                          | \$ 22,000.00           |
| SCOREBOARD                             | \$ 18,000.00           |
| NEW SOUND SYSTEM                       | \$ 41,000.00           |
| PARKING ALLOWANCE FROM BUDGET          | \$ 33,000.00           |
| FOOTBALL GOALPOSTS                     | \$ 18,000.00           |
| <b>SUBTOTAL</b>                        | <b>\$ 1,313,500.00</b> |

**WEST ATHLETIC MINI-STADIUM**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 29,000.00           |
| LAYOUT & SURVEYING                     | \$ 9,500.00            |
| EROSION AND SEDIMENT CONTROL           | \$ 11,700.00           |
| TOPSOIL STRIPPING                      | \$ 9,400.00            |
| DEMOLITION                             | \$ 2,000.00            |
| EARTHWORK                              | \$ 160,200.00          |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 42,300.00           |
| MISCELLANEOUS UTILITIES                | \$ 21,000.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 660,500.00          |
| CONCRETE TURF ANCHOR                   | \$ 19,200.00           |
| 8' HT. PERIMETER FENCE                 | \$ 52,900.00           |
| CONCRETE WALKS                         | \$ 43,800.00           |
| FIELD LIGHTING                         | \$ 260,000.00          |
| SPECTATOR SEATING                      | \$ 117,500.00          |
| PARKING AREA                           | \$ 90,200.00           |
| RETAINING WALLS                        | \$ 305,000.00          |
| TOPSOIL AND SEEDING                    | \$ 6,600.00            |
| FLAGPOLE                               | \$ 8,000.00            |
| BALL CONTROL NETTING                   | \$ 35,000.00           |
| SCOREBOARD                             | \$ 18,000.00           |
| CONCESSIONS WITH STORAGE               | \$ 230,000.00          |
| <b>SUBTOTAL</b>                        | <b>\$ 2,131,800.00</b> |

|   |                        |
|---|------------------------|
| CORE CONCEPT A STADIUM SUBTOTAL           | \$ 1,313,500.00        |
| CORE CONCEPT A WEST MINI-STADIUM SUBTOTAL | \$ 2,131,800.00        |
| <b>TOTAL</b>                              | <b>\$ 3,445,300.00</b> |

**PARKING**

NUMBER OF PARKING SPACES REQUIRED: 873\*  
 NUMBER OF PARKING SPACES DEPICTED: 602

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: 7  
 NUMBER OF ATHLETIC FIELDS DEPICTED: 11\*\*

\*\*BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC



**DEVELOPMENT PARAMETERS**

- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
- ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
- THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
- A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
- MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

**CORE CONCEPT A**

**METHACTON HIGH SCHOOL  
 EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

**architerra, pc.**

**12 January 2012  
 Revised - 6 February 2012**

**STADIUM**

| ITEM   | COST          |
|--|---------------|
| MOBILIZATION                                     | \$ 29,000.00  |
| LAYOUT & SURVEYING                               | \$ 10,800.00  |
| EROSION AND SEDIMENT CONTROL                     | \$ 9,500.00   |
| TOPSOIL STRIPPING                                | \$ 13,800.00  |
| DEMOLITION AND TRACK BRIDGE                      | \$ 12,900.00  |
| EARTHWORK  | \$ 59,600.00  |
| STORMWATER CONVEYANCE AND MANAGEMENT             | \$ 88,400.00  |
| MISCELLANEOUS UTILITIES                          | \$ 20,000.00  |
| CONCRETE TURF ANCHOR                             | \$ 15,000.00  |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE           | \$ 563,600.00 |
| EAST 'D' AREA WITH POLE VAULT AND DISCUS         | \$ 81,300.00  |
| WEST 'D' AREA WITH SHOT PUT AND HORIZONTAL JUMPS | \$ 92,000.00  |
| NEW 8' HT. PERIMETER FENCE                       | \$ 90,200.00  |
| JAVELIN AREA                                     | \$ 12,800.00  |
| FIELD LIGHTING                                   | \$ 260,000.00 |
| TOPSOIL AND SEEDING                              | \$ 5,000.00   |
| 400 METER RUNNING TRACK RESPRAY                  | \$ 135,000.00 |
| CONCRETE WALKS                                   | \$ 126,400.00 |
| FLAGPOLES (3)                                    | \$ 22,000.00  |
| SCOREBOARD                                       | \$ 18,000.00  |
| NEW SOUND SYSTEM                                 | \$ 41,000.00  |
| CENTRAL PARKING AREA                             | \$ 262,000.00 |
| FOOTBALL GOALPOSTS                               | \$ 18,000.00  |
| RESTROOM BUILDING                                | \$ 284,000.00 |

SUBTOTAL \$ 2,270,300.00

**WEST ATHLETIC MINI-STADIUM**

| ITEM                                   | COST          |
|--|---------------|
| MOBILIZATION                           | \$ 29,000.00  |
| LAYOUT & SURVEYING                     | \$ 9,500.00   |
| EROSION AND SEDIMENT CONTROL           | \$ 11,700.00  |
| TOPSOIL STRIPPING                      | \$ 9,400.00   |
| DEMOLITION                             | \$ 2,000.00   |
| EARTHWORK                              | \$ 160,200.00 |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 42,300.00  |
| MISCELLANEOUS UTILITIES                | \$ 21,000.00  |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 660,500.00 |
| CONCRETE TURF ANCHOR                   | \$ 19,200.00  |
| 8' HT. PERIMETER FENCE                 | \$ 52,900.00  |
| CONCRETE WALKS                         | \$ 43,800.00  |
| FIELD LIGHTING                         | \$ 260,000.00 |
| SPECTATOR SEATING                      | \$ 117,500.00 |
| RETAINING WALLS                        | \$ 305,000.00 |
| TOPSOIL AND SEEDING                    | \$ 6,600.00   |
| FLAGPOLE                               | \$ 8,000.00   |
| BALL CONTROL NETTING                   | \$ 35,000.00  |
| SCOREBOARD                             | \$ 18,000.00  |
| CONCESSION/STORAGE BUILDING            | \$ 230,000.00 |

SUBTOTAL \$ 2,041,600.00

CORE CONCEPT A1 STADIUM SUBTOTAL \$ 2,270,300.00

CORE CONCEPT A1 WEST MINI-STADIUM SUBTOTAL \$ 2,041,600.00

**TOTAL \$ 4,311,900.00**

**PARKING**

NUMBER OF PARKING SPACES REQUIRED: 873\*  
 NUMBER OF PARKING SPACES DEPICTED: 679

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: 7  
 NUMBER OF ATHLETIC FIELDS DEPICTED: 11\*\*

\*\*BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC



**DEVELOPMENT PARAMETERS**

- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
- ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
- THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
- A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
- MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

**CORE CONCEPT A1**

**METHACTON HIGH SCHOOL  
 EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

**architerra, pc.**

**12 January 2012  
 Revised - 6 February 2012**

**STADIUM**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 24,000.00           |
| LAYOUT & SURVEYING                     | \$ 9,800.00            |
| EROSION AND SEDIMENT CONTROL           | \$ 7,500.00            |
| TOPSOIL STRIPPING                      | \$ 5,200.00            |
| DEMOLITION AND TRACK BRIDGE            | \$ 9,900.00            |
| EARTHWORK                              | \$ 35,200.00           |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 47,300.00           |
| MISCELLANEOUS UTILITIES                | \$ 20,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 15,000.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 563,600.00          |
| WEST 'D' AREA WITH JUMP EVENTS         | \$ 78,000.00           |
| NEW 8' HT. PERIMETER FENCE             | \$ 90,200.00           |
| JAVELIN AREA                           | \$ 12,800.00           |
| ASPHALT WALKS                          | \$ 28,600.00           |
| FIELD LIGHTING                         | \$ 260,000.00          |
| TOPSOIL AND SEEDING                    | \$ 3,000.00            |
| FLAGPOLES (3)                          | \$ 22,000.00           |
| SCOREBOARD                             | \$ 18,000.00           |
| NEW SOUND SYSTEM                       | \$ 41,000.00           |
| PARKING ALLOWANCE FROM BUDGET          | \$ 33,000.00           |
| FOOTBALL GOALPOSTS                     | \$ 18,000.00           |
| RESTROOM BUILDING                      | \$ 284,000.00          |
| <b>SUBTOTAL</b>                        | <b>\$ 1,626,100.00</b> |

**AUXILIARY FIELD/SOFTBALL FACILITY**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 30,000.00           |
| LAYOUT & SURVEYING                     | \$ 12,800.00           |
| EROSION AND SEDIMENT CONTROL           | \$ 14,000.00           |
| TOPSOIL STRIPPING                      | \$ 10,800.00           |
| DEMOLITION                             | \$ 4,300.00            |
| EARTHWORK                              | \$ 116,600.00          |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 53,700.00           |
| MISCELLANEOUS UTILITIES                | \$ 18,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 75,200.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 873,300.00          |
| INFIELD MIX                            | \$ 19,600.00           |
| NEW 8' HT. PERIMETER FENCE             | \$ 59,500.00           |
| SPECTATOR SEATING                      | \$ 117,500.00          |
| DUGOUTS                                | \$ 70,000.00           |
| BACKSTOPS                              | \$ 39,400.00           |
| FIELD LIGHTING                         | \$ 300,000.00          |
| ATHLETIC AMENITIES                     | \$ 8,300.00            |
| TOPSOIL AND SEEDING                    | \$ 8,000.00            |
| <b>TOTAL</b>                           | <b>\$ 1,831,000.00</b> |

|  |                        |
|--|------------------------|
| CORE CONCEPT B STADIUM SUBTOTAL                        | \$ 1,626,100.00        |
| CORE CONCEPT B NORTH AUXILIARY FIELD/SOFTBALL SUBTOTAL | \$ 1,831,000.00        |
| <b>TOTAL</b>   | <b>\$ 3,457,100.00</b> |

**PARKING**

|                                    |      |
|------------------------------------|------|
| NUMBER OF PARKING SPACES REQUIRED: | 873* |
| NUMBER OF PARKING SPACES DEPICTED: | 520  |

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

|   |      |
|---|------|
| NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: | 7    |
| NUMBER OF ATHLETIC FIELDS DEPICTED:           | 12** |

\*\* BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC



**DEVELOPMENT PARAMETERS**

- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
- ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
- THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
- A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
- MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

**CORE CONCEPT B**

**METHACTON HIGH SCHOOL  
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**ATHLETIC FACILITIES RENOVATION PROJECT**

**architerra, pc.**

**12 January 2012  
Revised - 6 February 2012**

**NORTH AUXILIARY FIELD/SOFTBALL FACILITY**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 30,000.00           |
| LAYOUT & SURVEYING                     | \$ 12,800.00           |
| EROSION AND SEDIMENT CONTROL           | \$ 14,000.00           |
| TOPSOIL STRIPPING                      | \$ 10,800.00           |
| DEMOLITION                             | \$ 4,300.00            |
| EARTHWORK                              | \$ 116,600.00          |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 53,700.00           |
| MISCELLANEOUS UTILITIES                | \$ 18,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 75,200.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 873,300.00          |
| INFIELD MIX                            | \$ 19,600.00           |
| NEW 8' HT. PERIMETER FENCE             | \$ 59,500.00           |
| SPECTATOR SEATING                      | \$ 117,500.00          |
| DUGOUTS                                | \$ 70,000.00           |
| BACKSTOPS                              | \$ 39,400.00           |
| FIELD LIGHTING                         | \$ 300,000.00          |
| ATHLETIC AMENITIES                     | \$ 8,300.00            |
| TOPSOIL AND SEEDING                    | \$ 8,000.00            |
| <b>TOTAL</b>                           | <b>\$ 1,831,000.00</b> |

**BASEBALL FIELD**

| ITEM                         | COST                 |
|------------------------------|----------------------|
| MOBILIZATION                 | \$ 25,000.00         |
| LAYOUT AND SURVEYING         | \$ 6,500.00          |
| DEMOLITION                   | \$ 1,000.00          |
| EROSION AND SEDIMENT CONTROL | \$ 11,200.00         |
| TOPSOIL STRIPPING            | \$ 9,600.00          |
| EARTHWORK                    | \$ 78,500.00         |
| ROOT ZONE MIX                | \$ 86,300.00         |
| FOUL POLES                   | \$ 11,200.00         |
| BACKSTOP                     | \$ 22,000.00         |
| SCOREBOARD                   | \$ 18,000.00         |
| DUGOUTS                      | \$ 70,000.00         |
| SPECTATOR SEATING            | \$ 117,500.00        |
| FIELD LIGHTING               | \$ 270,000.00        |
| CONCRETE PAVING              | \$ 16,000.00         |
| INFIELD MIX                  | \$ 13,500.00         |
| 8' HT. FENCE                 | \$ 41,600.00         |
| ATHLETIC AMENITIES           | \$ 5,000.00          |
| TOPSOIL AND SEEDING          | \$ 7,000.00          |
| <b>TOTAL</b>                 | <b>\$ 809,900.00</b> |

|   |                        |
|---|------------------------|
| CORE CONCEPT B1 STADIUM SUBTOTAL                        | \$ 2,500,300.00        |
| CORE CONCEPT B1 NORTH AUXILIARY FIELD/SOFTBALL SUBTOTAL | \$ 1,831,000.00        |
| CORE CONCEPT B1 BASEBALL SUBTOTAL                       | \$ 809,900.00          |
| NEW PARKING AT TENNIS COURTS                            | \$ 90,200.00           |
| <b>TOTAL</b>  | <b>\$ 5,231,400.00</b> |

**PARKING**

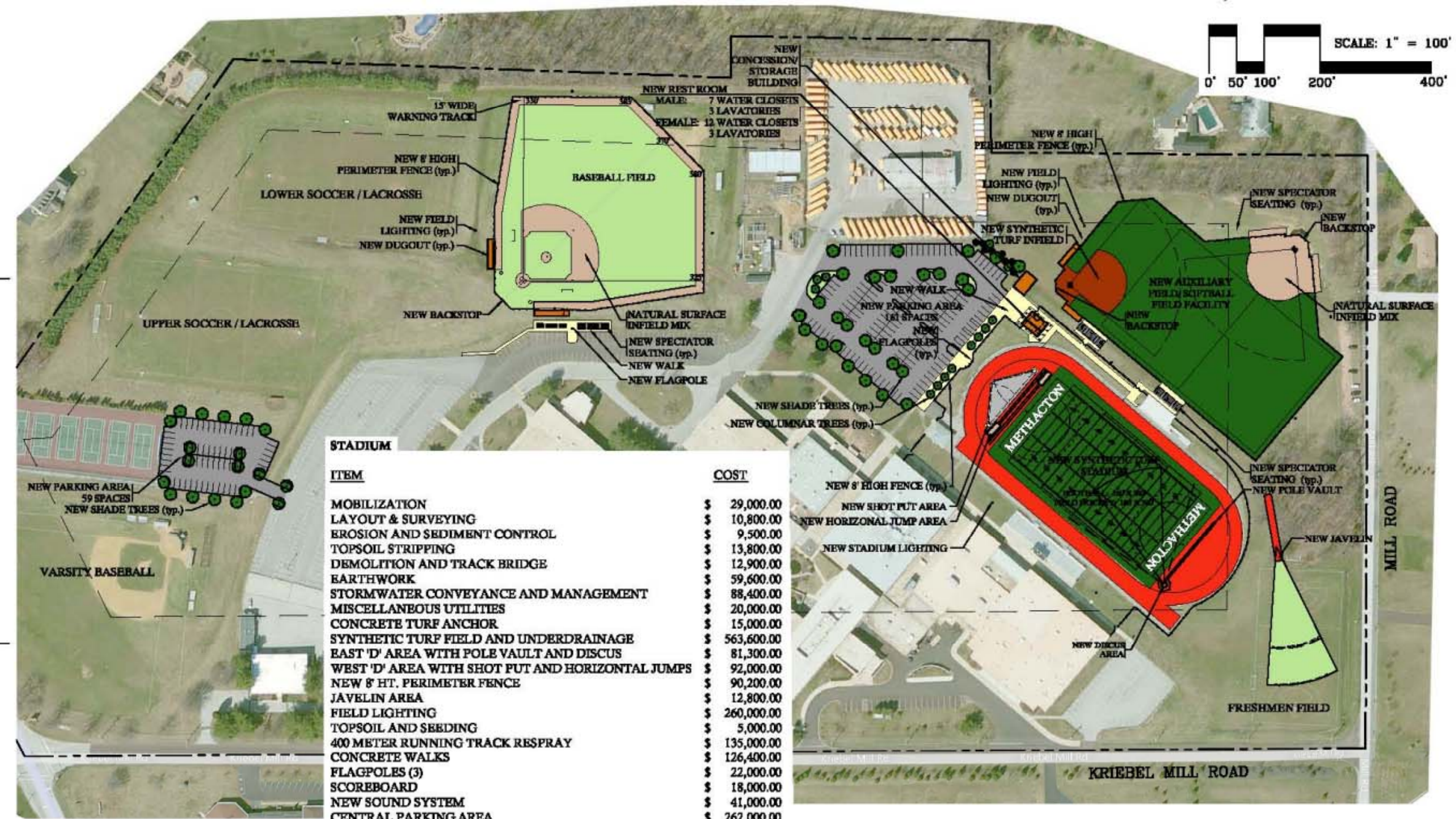
|                                    |      |
|------------------------------------|------|
| NUMBER OF PARKING SPACES REQUIRED: | 981* |
| NUMBER OF PARKING SPACES DEPICTED: | 740  |

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

|   |      |
|---|------|
| NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: | 7    |
| NUMBER OF ATHLETIC FIELDS DEPICTED:           | 12** |

\*\*BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC



**STADIUM**

| ITEM   | COST                   |
|--|------------------------|
| MOBILIZATION                                     | \$ 29,000.00           |
| LAYOUT & SURVEYING                               | \$ 10,800.00           |
| EROSION AND SEDIMENT CONTROL                     | \$ 9,500.00            |
| TOPSOIL STRIPPING                                | \$ 13,800.00           |
| DEMOLITION AND TRACK BRIDGE                      | \$ 12,900.00           |
| EARTHWORK  | \$ 59,600.00           |
| STORMWATER CONVEYANCE AND MANAGEMENT             | \$ 88,400.00           |
| MISCELLANEOUS UTILITIES                          | \$ 20,000.00           |
| CONCRETE TURF ANCHOR                             | \$ 15,000.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE           | \$ 563,600.00          |
| EAST 'D' AREA WITH POLE VAULT AND DISCUS         | \$ 81,300.00           |
| WEST 'D' AREA WITH SHOT PUT AND HORIZONTAL JUMPS | \$ 92,000.00           |
| NEW 8' HT. PERIMETER FENCE                       | \$ 90,200.00           |
| JAVELIN AREA                                     | \$ 12,800.00           |
| FIELD LIGHTING                                   | \$ 260,000.00          |
| TOPSOIL AND SEEDING                              | \$ 5,000.00            |
| 400 METER RUNNING TRACK RESPRAY                  | \$ 135,000.00          |
| CONCRETE WALKS                                   | \$ 126,400.00          |
| FLAGPOLES (3)                                    | \$ 22,000.00           |
| SCOREBOARD                                       | \$ 18,000.00           |
| NEW SOUND SYSTEM                                 | \$ 41,000.00           |
| CENTRAL PARKING AREA                             | \$ 262,000.00          |
| FOOTBALL GOALPOSTS                               | \$ 18,000.00           |
| CONCESSION/STORAGE BUILDING                      | \$ 230,000.00          |
| RESTROOM BUILDING                                | \$ 284,000.00          |
| <b>SUBTOTAL</b>                                  | <b>\$ 2,500,300.00</b> |

**DEVELOPMENT PARAMETERS**

- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
- ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
- THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
- A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
- MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

**CORE CONCEPT B1**

**METHACTON HIGH SCHOOL  
EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

**architerra, pc.**

**12 January 2012  
Revised - 6 February 2012**

**STADIUM**

| ITEM                                 | COST                   |
|--------------------------------------|------------------------|
| MOBILIZATION                         | \$ 24,000.00           |
| LAYOUT & SURVEYING                   | \$ 9,800.00            |
| EROSION AND SEDIMENT CONTROL         | \$ 7,500.00            |
| TOPSOIL STRIPPING                    | \$ 5,200.00            |
| DEMOLITION AND TRACK BRIDGE          | \$ 9,900.00            |
| EARTHWORK                            | \$ 35,200.00           |
| STORMWATER CONVEYANCE AND MANAGEMENT | \$ 47,300.00           |
| MISCELLANEOUS UTILITIES              | \$ 20,000.00           |
| WEST 'D' AREA WITH JUMP EVENTS       | \$ 78,000.00           |
| NEW 8' HT. PERIMETER FENCE           | \$ 90,200.00           |
| JAVELIN AREA                         | \$ 12,800.00           |
| ASPHALT WALKS                        | \$ 28,600.00           |
| FIELD LIGHTING                       | \$ 260,000.00          |
| TOPSOIL AND SEEDING                  | \$ 3,000.00            |
| FLAGPOLES (3)                        | \$ 22,000.00           |
| SCOREBOARD                           | \$ 18,000.00           |
| NEW SOUND SYSTEM                     | \$ 41,000.00           |
| PARKING ALLOWANCE FROM BUDGET        | \$ 33,000.00           |
| FOOTBALL GOALPOSTS                   | \$ 18,000.00           |
| RESTROOM BUILDING                    | \$ 284,000.00          |
| <b>SUBTOTAL</b>                      | <b>\$ 1,047,500.00</b> |

**NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL FACILITY**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 35,000.00           |
| LAYOUT & SURVEYING                     | \$ 14,200.00           |
| EROSION AND SEDIMENT CONTROL           | \$ 14,800.00           |
| TOPSOIL STRIPPING                      | \$ 13,300.00           |
| DEMOLITION                             | \$ 4,300.00            |
| EARTHWORK                              | \$ 143,100.00          |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 58,900.00           |
| MISCELLANEOUS UTILITIES                | \$ 18,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 68,400.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 1,148,100.00        |
| NEW 8' HT. PERIMETER FENCE             | \$ 64,000.00           |
| SPECTATOR SEATING                      | \$ 235,000.00          |
| DUGOUTS                                | \$ 150,000.00          |
| BACKSTOPS                              | \$ 42,800.00           |
| CONCRETE WALKS                         | \$ 33,000.00           |
| RETAINING WALL                         | \$ 42,000.00           |
| FIELD LIGHTING                         | \$ 300,000.00          |
| ATHLETIC AMENITIES                     | \$ 9,000.00            |
| TOPSOIL AND SEEDING                    | \$ 8,000.00            |
| <b>TOTAL</b>                           | <b>\$ 2,401,900.00</b> |

|   |                        |
|---|------------------------|
| CORE CONCEPT C STADIUM SUBTOTAL                                 | \$ 1,047,500.00        |
| CORE CONCEPT C NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL SUBTOTAL | \$ 2,401,900.00        |
| <b>TOTAL</b>  | <b>\$ 3,449,400.00</b> |

**PARKING**

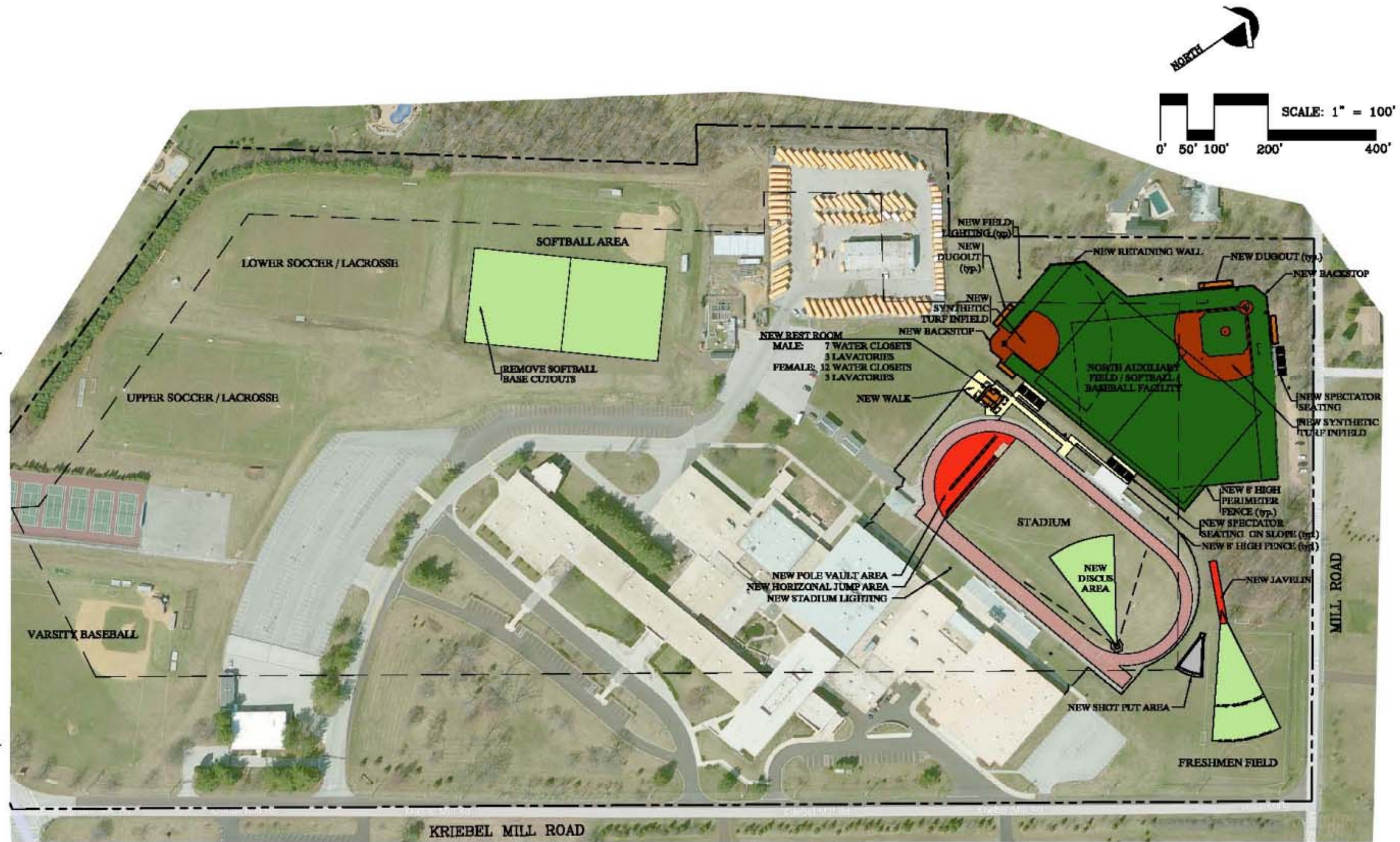
NUMBER OF PARKING SPACES REQUIRED: 956\*  
 NUMBER OF PARKING SPACES DEPICTED: 520

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: 7  
 NUMBER OF ATHLETIC FIELDS DEPICTED: 9\*\*

\*\*BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC



**DEVELOPMENT PARAMETERS**

- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
- ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
- THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
- A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
- MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

**CORE CONCEPT C**

**METHACTON HIGH SCHOOL  
 EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

**architerra, pc.**

**12 January 2012  
 Revised - 6 February 2012**



**STADIUM**

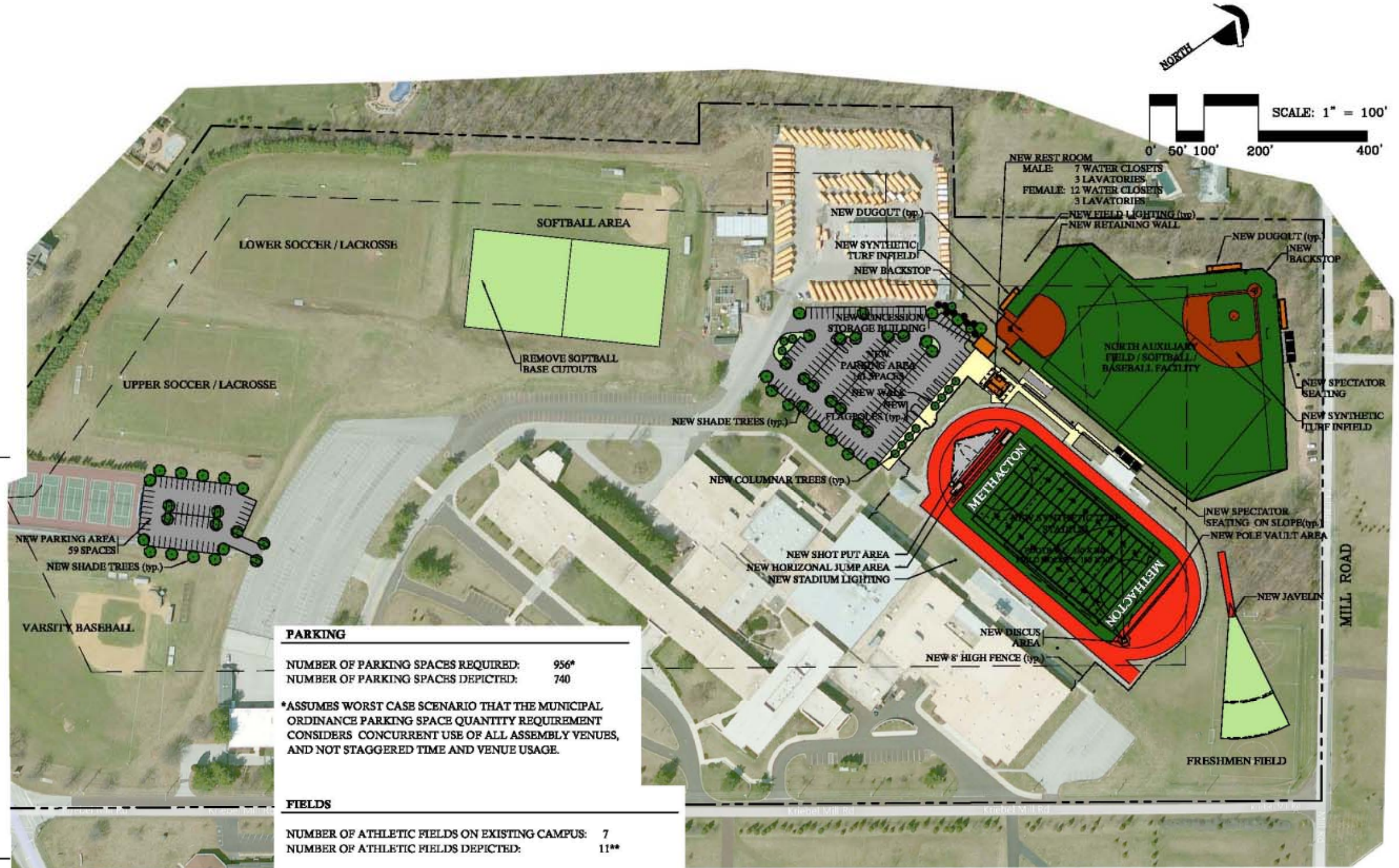
| ITEM   | COST                   |
|--|------------------------|
| MOBILIZATION                                     | \$ 29,000.00           |
| LAYOUT & SURVEYING                               | \$ 10,800.00           |
| EROSION AND SEDIMENT CONTROL                     | \$ 9,500.00            |
| TOPSOIL STRIPPING                                | \$ 13,800.00           |
| DEMOLITION AND TRACK BRIDGE                      | \$ 12,900.00           |
| EARTHWORK  | \$ 59,600.00           |
| STORMWATER CONVEYANCE AND MANAGEMENT             | \$ 88,400.00           |
| MISCELLANEOUS UTILITIES                          | \$ 20,000.00           |
| CONCRETE TURF ANCHOR                             | \$ 15,000.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE           | \$ 563,600.00          |
| EAST 'D' AREA WITH POLE VAULT AND DISCUS         | \$ 81,300.00           |
| WEST 'D' AREA WITH SHOT PUT AND HORIZONTAL JUMPS | \$ 92,000.00           |
| NEW 8' HT. PERIMETER FENCE                       | \$ 90,200.00           |
| JAVELIN AREA                                     | \$ 12,800.00           |
| FIELD LIGHTING                                   | \$ 260,000.00          |
| TOPSOIL AND SEEDING                              | \$ 5,000.00            |
| 400 METER RUNNING TRACK RESPRAY                  | \$ 135,000.00          |
| CONCRETE WALKS                                   | \$ 126,400.00          |
| FLAGPOLES (3)                                    | \$ 22,000.00           |
| SCOREBOARD                                       | \$ 18,000.00           |
| NEW SOUND SYSTEM                                 | \$ 41,000.00           |
| CENTRAL PARKING AREA                             | \$ 262,000.00          |
| FOOTBALL GOALPOSTS                               | \$ 18,000.00           |
| CONCESSION/STORAGE BUILDING                      | \$ 230,000.00          |
| RESTROOM BUILDING                                | \$ 284,000.00          |
| <b>SUBTOTAL</b>                                  | <b>\$ 2,500,300.00</b> |

**NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL FACILITY**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 35,000.00           |
| LAYOUT & SURVEYING                     | \$ 14,200.00           |
| EROSION AND SEDIMENT CONTROL           | \$ 14,800.00           |
| TOPSOIL STRIPPING                      | \$ 13,300.00           |
| DEMOLITION                             | \$ 4,300.00            |
| EARTHWORK                              | \$ 143,100.00          |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 58,900.00           |
| MISCELLANEOUS UTILITIES                | \$ 18,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 68,400.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 1,148,100.00        |
| NEW 8' HT. PERIMETER FENCE             | \$ 64,000.00           |
| SPECTATOR SEATING                      | \$ 235,000.00          |
| DUGOUTS                                | \$ 150,000.00          |
| BACKSTOPS                              | \$ 42,800.00           |
| CONCRETE WALKS                         | \$ 33,000.00           |
| RETAINING WALL                         | \$ 42,000.00           |
| FIELD LIGHTING                         | \$ 300,000.00          |
| ATHLETIC AMENITIES                     | \$ 9,000.00            |
| TOPSOIL AND SEEDING                    | \$ 8,000.00            |
| <b>TOTAL</b>                           | <b>\$ 2,401,900.00</b> |

|  |                        |
|--|------------------------|
| CORE CONCEPT C1 STADIUM SUBTOTAL                                 | \$ 2,500,300.00        |
| CORE CONCEPT C1 NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL SUBTOTAL | \$ 2,401,900.00        |
| NEW PARKING AT TENNIS COURTS                                     | \$ 90,200.00           |
| <b>TOTAL</b>   | <b>\$ 4,992,400.00</b> |

**NOTE:**  
THESE ESTIMATES INCLUDE THE ACCOMMODATION OF PREVAILING WAGE RATES.



**PARKING**

NUMBER OF PARKING SPACES REQUIRED: 956\*  
NUMBER OF PARKING SPACES DEPICTED: 740

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: 7  
NUMBER OF ATHLETIC FIELDS DEPICTED: 11\*\*

\*\*BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC

**DEVELOPMENT PARAMETERS**

- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
- ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
- THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
- A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
- MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

CORE CONCEPT C1

**METHACTON HIGH SCHOOL**  
**EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

12 January 2012  
Revised - 6 February 2012

**STADIUM**

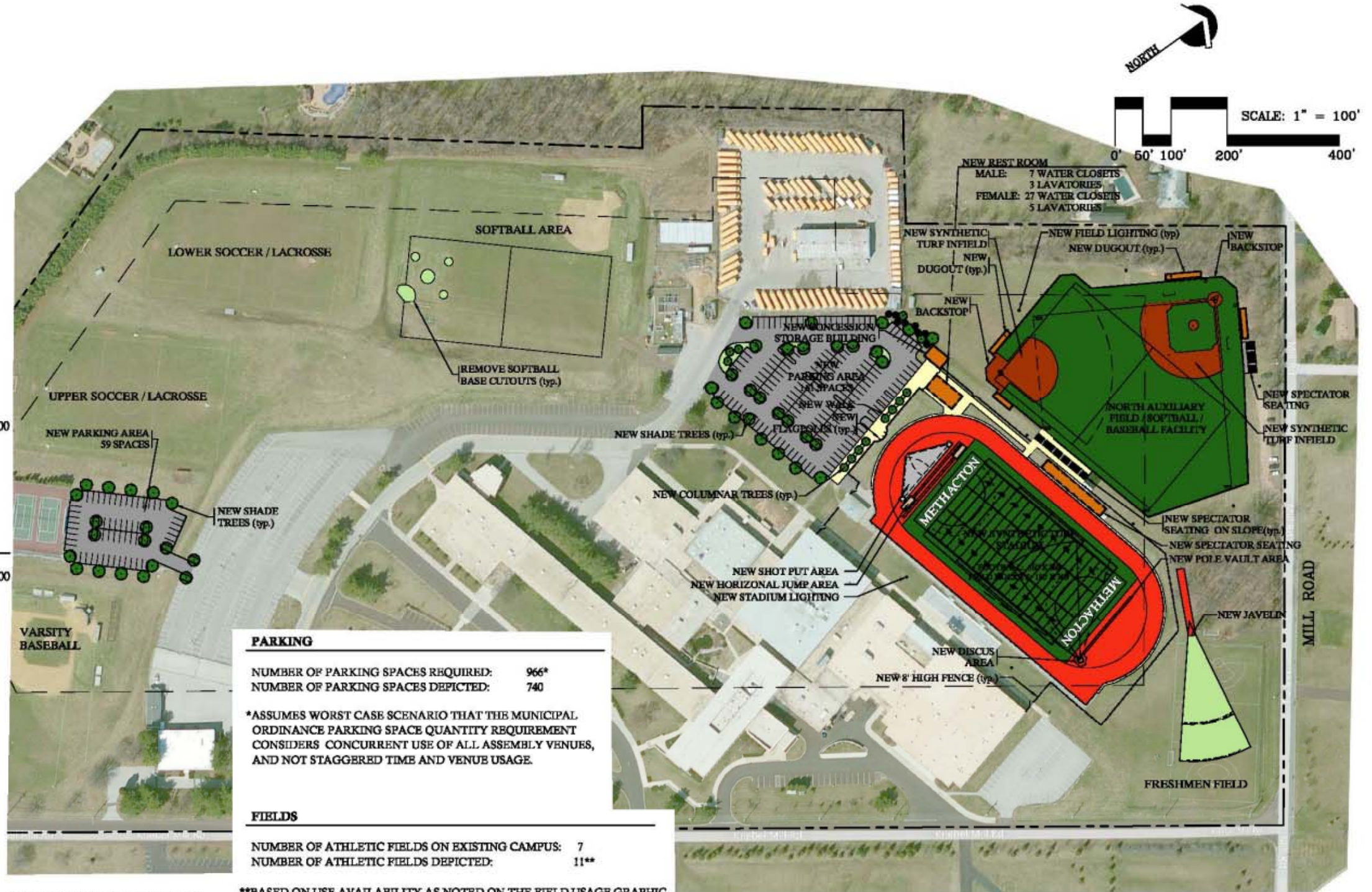
| ITEM   | COST                                     |
|--|--|
| MOBILIZATION                                     | \$ 29,000.00                             |
| LAYOUT & SURVEYING                               | \$ 10,800.00                             |
| EROSION AND SEDIMENT CONTROL                     | \$ 9,500.00                              |
| TOPSOIL STRIPPING                                | \$ 13,800.00                             |
| DEMOLITION AND TRACK BRIDGE                      | \$ 12,900.00                             |
| REMOVE EXISTING TRACK SURFACE                    | \$ 4,000.00                              |
| MILL EXISTING TRACK ASPHALT                      | \$ 7,900.00                              |
| EARTHWORK  | \$ 59,600.00                             |
| STORMWATER CONVEYANCE AND MANAGEMENT             | \$ 88,400.00                             |
| MISCELLANEOUS UTILITIES                          | \$ 20,000.00                             |
| CONCRETE TURF ANCHOR                             | \$ 15,000.00                             |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE           | \$ 563,600.00                            |
| EAST 'D' AREA WITH POLE VAULT AND DISCUS         | \$ 81,300.00                             |
| WEST 'D' AREA WITH SHOT PUT AND HORIZONTAL JUMPS | \$ 92,000.00                             |
| NEW 8' HT. PERIMETER FENCE                       | \$ 92,400.00                             |
| NEW 4' HT. TRACK FENCE                           | \$ 51,600.00                             |
| JAVELIN AREA                                     | \$ 12,800.00                             |
| FIELD LIGHTING                                   | \$ 260,000.00                            |
| TOPSOIL AND SEEDING                              | \$ 5,000.00                              |
| NEW ASPHALT TRACK BASE - LANES 7 AND 8           | \$ 22,800.00                             |
| NEW ASPHALT PATH AROUND TRACK                    | \$ 10,900.00                             |
| NEW TRACK ASPHALT WEARING COURSE                 | \$ 38,500.00                             |
| 400 METER RUNNING TRACK SURFACING                | \$ 143,500.00 - \$ 224,700.00            |
| SPECTATOR SEATING                                | \$ 105,800.00                            |
| CONCRETE WALKS                                   | \$ 126,400.00                            |
| FLAGPOLES (3)                                    | \$ 22,000.00                             |
| SCOREBOARD                                       | \$ 18,000.00                             |
| NEW SOUND SYSTEM                                 | \$ 41,000.00                             |
| FOOTBALL GOALPOSTS                               | \$ 18,000.00                             |
| CONCESSION/STORAGE BUILDING                      | \$ 230,000.00                            |
| RESTROOM BUILDING                                | \$ 440,800.00                            |
| <b>SUBTOTAL</b>                                  | <b>\$ 2,647,300.00 - \$ 2,728,500.00</b> |

**NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL FACILITY**

| ITEM                                   | COST                   |
|--|------------------------|
| MOBILIZATION                           | \$ 35,000.00           |
| LAYOUT & SURVEYING                     | \$ 14,200.00           |
| EROSION AND SEDIMENT CONTROL           | \$ 12,800.00           |
| TOPSOIL STRIPPING                      | \$ 12,200.00           |
| DEMOLITION                             | \$ 4,300.00            |
| EARTHWORK                              | \$ 124,300.00          |
| STORMWATER CONVEYANCE AND MANAGEMENT   | \$ 58,900.00           |
| MISCELLANEOUS UTILITIES                | \$ 18,000.00           |
| CONCRETE TURF ANCHOR                   | \$ 50,200.00           |
| SYNTHETIC TURF FIELD AND UNDERDRAINAGE | \$ 1,031,500.00        |
| NEW 8' HT. PERIMETER FENCE             | \$ 49,600.00           |
| SPECTATOR SEATING                      | \$ 235,000.00          |
| DUGOUTS                                | \$ 150,000.00          |
| BACKSTOPS                              | \$ 42,800.00           |
| CONCRETE WALKS                         | \$ 33,000.00           |
| FIELD LIGHTING                         | \$ 320,000.00          |
| ATHLETIC AMENITIES                     | \$ 9,000.00            |
| TOPSOIL AND SEEDING                    | \$ 8,000.00            |
| <b>TOTAL</b>                           | <b>\$ 2,208,800.00</b> |

|  |  |
|--|--|
| CORE CONCEPT C2 STADIUM SUBTOTAL                                 | \$ 2,647,300.00 - \$ 2,728,500.00        |
| CORE CONCEPT C2 NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL SUBTOTAL | \$ 2,208,800.00                          |
| NEW PARKING AT TENNIS COURTS                                     | \$ 90,200.00                             |
| CENTRAL PARKING AREA   | \$ 262,000.00                            |
| <b>TOTAL</b>   | <b>\$ 5,208,300.00 - \$ 5,289,500.00</b> |

**NOTE:**  
THESE ESTIMATES INCLUDE THE ACCOMMODATION OF PREVAILING WAGE RATES.



**PARKING**

NUMBER OF PARKING SPACES REQUIRED: 966\*  
 NUMBER OF PARKING SPACES DEPICTED: 740

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACE QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIME AND VENUE USAGE.

**FIELDS**

NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: 7  
 NUMBER OF ATHLETIC FIELDS DEPICTED: 11\*\*

\*\*BASED ON USE AVAILABILITY AS NOTED ON THE FIELD USAGE GRAPHIC

- DEVELOPMENT PARAMETERS**
- ONE SYNTHETIC TURF FIELD EQUALS TWO NATURAL GRASS FIELDS.
  - ONE SYNTHETIC TURF FIELD WITH LIGHTS EQUALS THREE NATURAL GRASS FIELDS.
  - THE TYPICAL CUT-OFF FOR A NATURAL GRASS SURFACE IS THIRTY-FIVE EVENTS PER YEAR, OR A MAXIMUM OF FIFTY-FIVE EVENTS PER YEAR.
  - A SYNTHETIC TURF FIELD IS WORN, NOT BY USE, BUT BY TIME (ULTRAVIOLET RAYS).
  - MINIMALLY, A SYNTHETIC TURF FIELD IS WARRANTED FOR A PERIOD OF EIGHT YEARS. THE SURFACE MAY LAST EIGHT TO TWELVE YEARS. THE "GROW-IN" PERIOD FOR A SOD FIELD IS FOUR MONTHS.

CORE CONCEPT C2

**METHACTON HIGH SCHOOL**  
**EAGLEVILLE, PENNSYLVANIA**

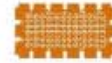
**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

6 February 2012

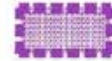
**PHASE ONE** **\$ 2,549,933.00**

- NEW NORTH AUXILIARY FIELD
- NEW RESTROOM BUILDING
- NEW ELABORATE TD AREA
- NEW FIELD EVENTS



**PHASE TWO** **\$ 1,103,234.00**

- NEW SYNTHETIC TURF AT EXISTING STADIUM
- ADDITION OF SECOND TD AREA
- NEW STADIUM LIGHTS
- REMOVE INFIELD CUT OUTS AT J.V. SOFTBALL FIELD



**PHASE THREE** **\$ 882,933.00 - \$ 964,133.00**

- NEW VISITOR STADIUM SEATING
- NEW EIGHT LANE TRACK
- NEW TRACK SURFACE



**PHASE FOUR** **\$ 320,000.00**

- NEW LIGHTING AT NORTH AUXILIARY FIELD

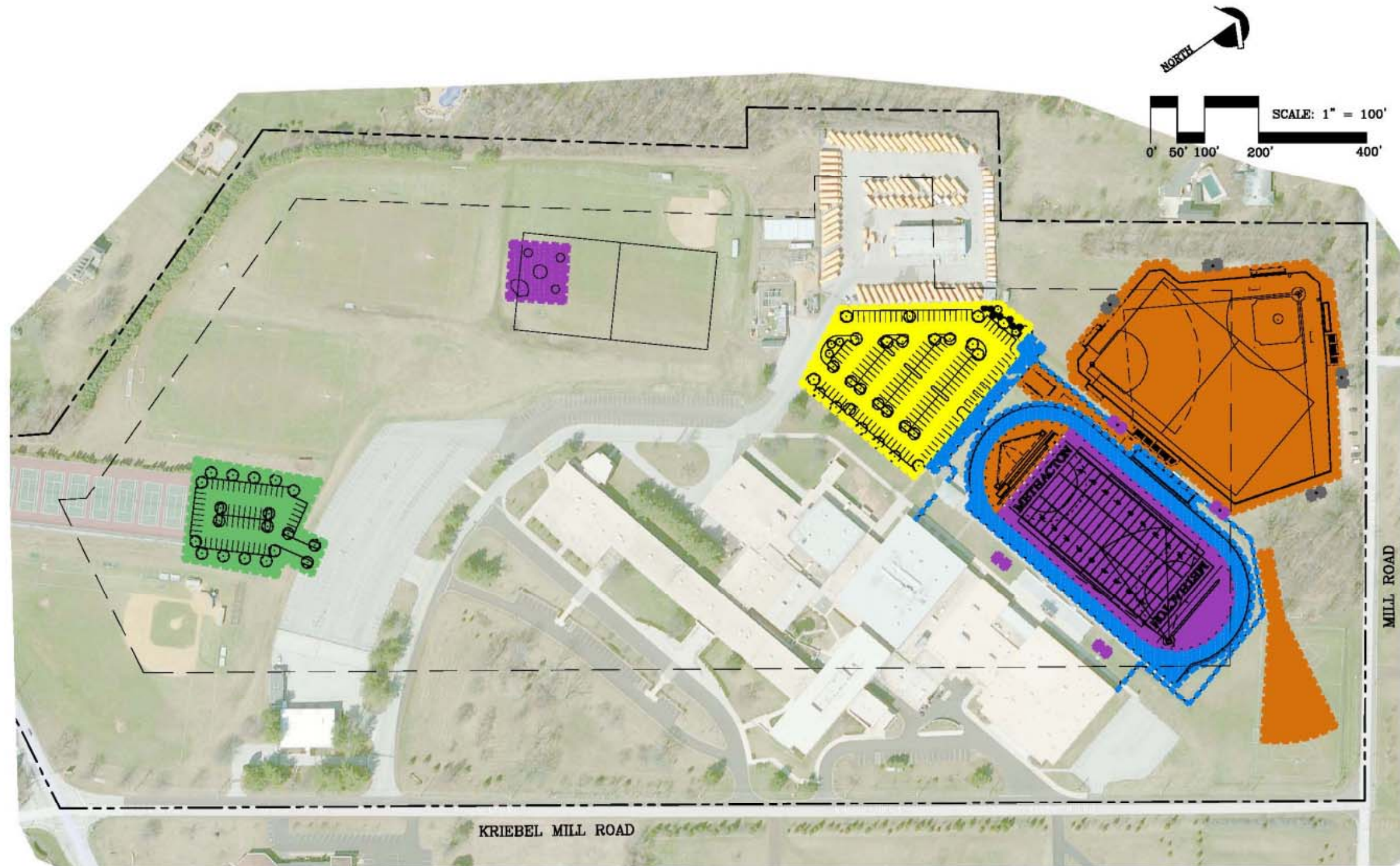


**OTHER DEVELOPMENT OPTIONS**

- NEW CENTRAL PARKING - \$ 262,000.00



- NEW PARKING AT TENNIS COURTS - \$ 90,200.00



PHASING PLAN

**METHACTON HIGH SCHOOL**  
**EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

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