

**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	\$ 180,200.00
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 SOG 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 FT. 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 FT. 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
HALL 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

**TOTAL \$ 3,457,100.00**

**PARKING**

NUMBER OF PARKING SPACES REQUIRED: 873\*  
 NUMBER OF PARKING SPACES DEPICTED: 520

\*ASSUMES WORST CASE SCENARIO THAT THE MUNICIPAL ORDINANCE PARKING SPACES QUANTITY REQUIREMENT CONSIDERS CONCURRENT USE OF ALL ASSEMBLY VENUES, AND NOT STAGGERED TIMES 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  
 EAGLEVILLE, PENNSYLVANIA**

**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	\$ 59,300.00
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
POUL 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	\$ 130,000.00
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 SOF 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
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

**PARKING**

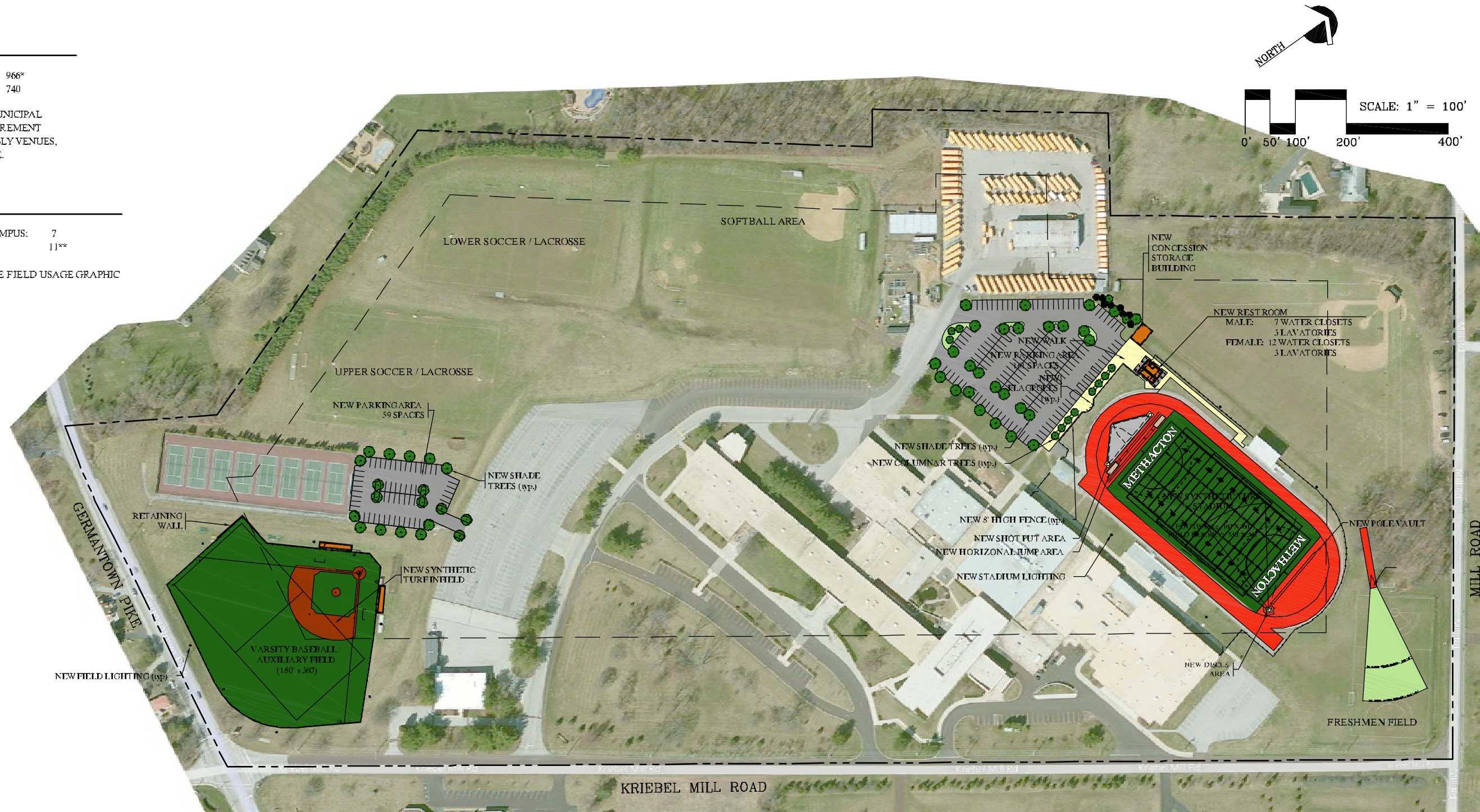
NUMBER OF PARKING SPACES REQUIRED: 966\*  
 NUMBER OF PARKING SPACES DEPICTED: 740

\*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 D

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

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

9 March 2012



**PARKING**

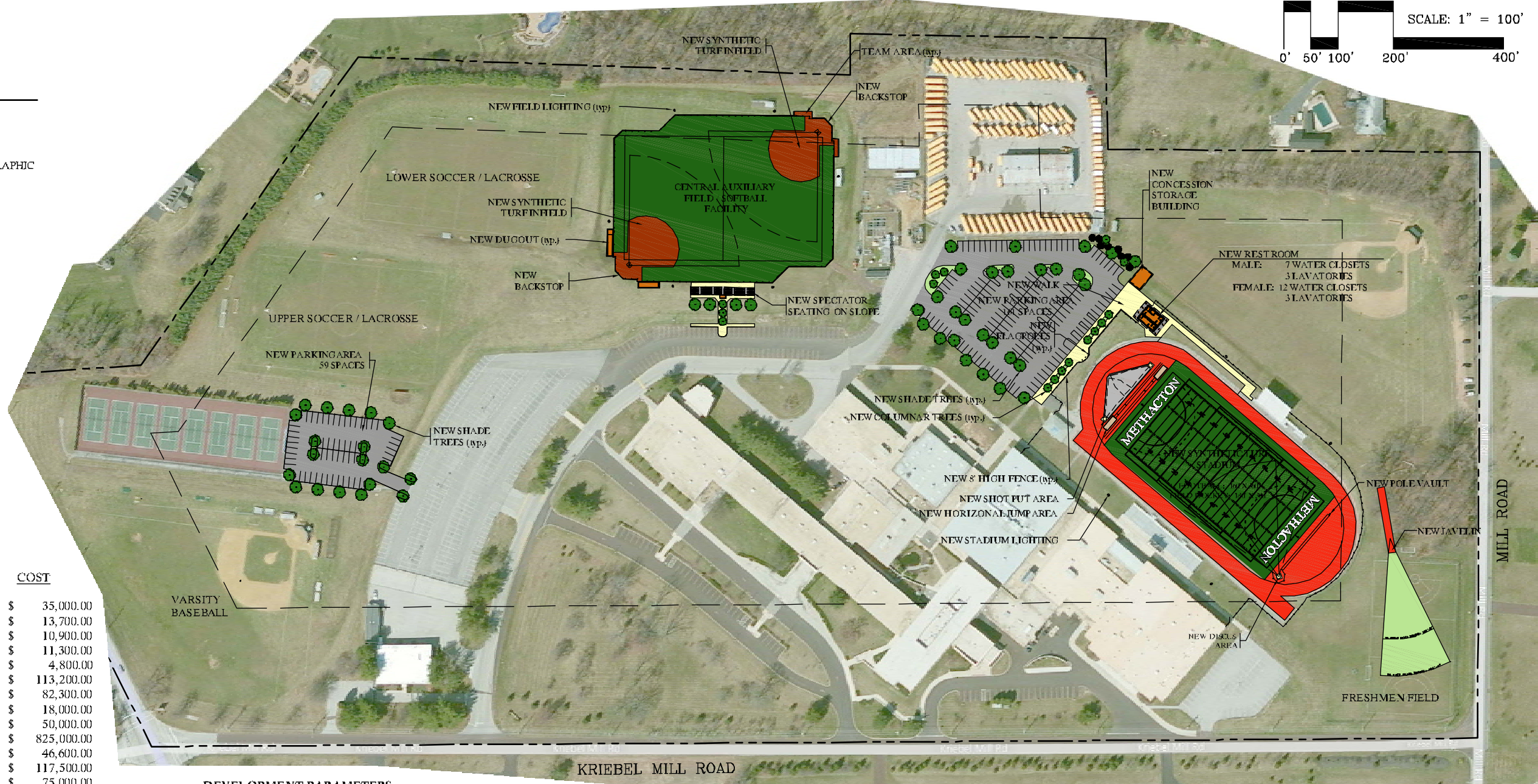
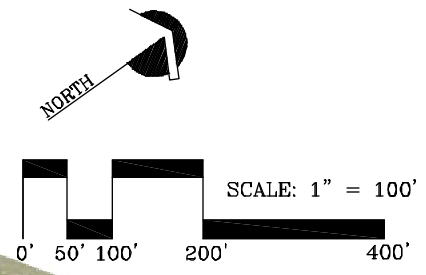
NUMBER OF PARKING SPACES REQUIRED: 966\*  
 NUMBER OF PARKING SPACES DEPICTED: 740

\*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: 12\*\*

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



**CENTRAL AUXILIARY FIELD/SOFTBALL FACILITY**

ITEM	COST
MOBILIZATION	\$ 35,000.00
LAYOUT & SURVEYING	\$ 13,700.00
EROSION AND SEDIMENT CONTROL	\$ 10,900.00
TOPSOIL STRIPPING	\$ 11,300.00
DEMOLITION	\$ 4,800.00
EARTHWORK	\$ 113,200.00
STORMWATER CONVEYANCE AND MANAGEMENT	\$ 82,300.00
MISCELLANEOUS UTILITIES	\$ 18,000.00
CONCRETE TURF ANCHOR	\$ 50,000.00
SYNTHETIC TURF FIELD AND UNDERDRAINAGE	\$ 825,000.00
NEW 8' HT. PERIMETER FENCE	\$ 46,600.00
SPECTATOR SEATING	\$ 117,500.00
DUGOUTS	\$ 75,000.00
BACKSTOPS	\$ 42,800.00
CONCRETE WALKS	\$ 24,400.00
FIELD LIGHTING	\$ 300,000.00
ATHLETIC AMENITIES	\$ 9,000.00
TOPSOIL AND SEEDING	\$ 8,000.00

TOTAL \$ 1,787,500.00

CORE CONCEPT B1 STADIUM SUBTOTAL \$ 2,238,300.00

CORE CONCEPT E NORTH AUXILIARY FIELD/SOFTBALL/BASEBALL SUBTOTAL \$ 1,787,500.00

NEW PARKING AT TENNIS COURTS \$ 90,200.00

CENTRAL PARKING AREA \$ 262,000.00

TOTAL \$ 4,378,000.00

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

**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 E

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

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

9 March 2012

**STORMWATER MANAGEMENT FACILITY**

ITEM	COST
MOBILIZATION	\$ 22,000.00
LAYOUT & SURVEYING	\$ 8,400.00
EROSION AND SEDIMENT CONTROL	\$ 6,800.00
TOPSOIL STRIPPING	\$ 6,300.00
DEMOLITION	\$ 1,600.00
EARTHWORK	\$ 78,000.00
STORMWATER TRUNK LINE	\$ 86,600.00
MISCELLANEOUS PIPING & STRUCTURES	\$ 33,800.00
LANDSCAPING/HYDRIC PLANTINGS	\$ 66,400.00
FENCING	\$ 75,000.00
TOPSOIL AND SEEDING	\$ 7,200.00
<b>TOTAL</b>	<b>\$ 392,100.00</b>

**CENTRAL AUXILIARY FIELD/SOFTBALL FACILITY**

ITEM	COST
MOBILIZATION	\$ 35,000.00
LAYOUT & SURVEYING	\$ 14,300.00
EROSION AND SEDIMENT CONTROL	\$ 10,900.00
TOPSOIL STRIPPING	\$ 12,400.00
DEMOLITION	\$ 4,800.00
EARTHWORK	\$ 116,100.00
STORMWATER CONVEYANCE AND MANAGEMENT	\$ 65,300.00
MISCELLANEOUS UTILITIES	\$ 18,000.00
CONCRETE TURF ANCHOR	\$ 64,600.00
SYNTHETIC TURF FIELD AND UNDERDRAINAGE	\$ 967,100.00
NEW 8' HT. PERIMETER FENCE	\$ 53,900.00
DUGOUTS	\$ 75,000.00
BACKSTOPS	\$ 42,800.00
CONCRETE WALKS	\$ 31,500.00
ATHLETIC AMENITIES	\$ 9,000.00
TOPSOIL AND SEEDING	\$ 8,800.00
<b>TOTAL</b>	<b>\$ 1,529,500.00</b>

<b>CORE CONCEPT B1 STADIUM SUBTOTAL</b>	<b>\$ 1,873,300.00</b>
<b>TOTAL (NOT INCLUDING STORMWATER MANAGEMENT FACILITY)</b>	<b>\$ 3,402,800.00</b>

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

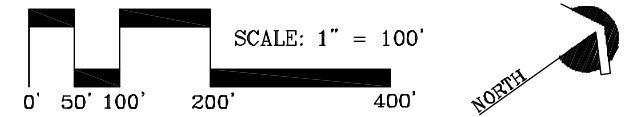
**DEVELOPMENT PARAMETERS**

- 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.

**FIELDS**

NUMBER OF ATHLETIC FIELDS ON EXISTING CAMPUS: 7  
NUMBER OF ATHLETIC FIELDS DEPICTED: 10\*\*

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



CORE CONCEPT F

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

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

21 March 2012

**STORMWATER MANAGEMENT FACILITY**

ITEM	COST
MOBILIZATION	\$ 22,000.00
LAYOUT & SURVEYING	\$ 8,400.00
EROSION AND SEDIMENT CONTROL	\$ 6,800.00
TOPSOIL STRIPPING	\$ 6,300.00
DEMOLITION	\$ 1,600.00
EARTHWORK	\$ 78,000.00
STORMWATER TRUNK LINE	\$ 86,600.00
MISCELLANEOUS PIPING & STRUCTURES	\$ 33,800.00
LANDSCAPING/HYDRIC PLANTINGS	\$ 66,400.00
FENCING	\$ 75,000.00
TOPSOIL AND SEEDING	\$ 7,200.00
<b>TOTAL</b>	<b>\$ 392,100.00</b>

**NATURAL GRASS ATHLETIC FIELD**

ITEM	COST
MOBILIZATION	\$ 28,000.00
LAYOUT & SURVEYING	\$ 9,600.00
EROSION AND SEDIMENT CONTROL	\$ 10,600.00
TOPSOIL STRIPPING	\$ 7,800.00
DEMOLITION	\$ 1,200.00
EARTHWORK	\$ 49,200.00
ROOT ZONE MIX	\$ 75,700.00
INFIELD MIX	\$ 12,000.00
FENCING	\$ 20,500.00
ATHLETIC AMENITIES	\$ 5,000.00
TOPSOIL AND SEEDING	\$ 6,100.00
<b>TOTAL</b>	<b>\$ 225,700.00</b>

**CENTRAL AUXILIARY FIELD/SOFTBALL FACILITY**

ITEM	COST
MOBILIZATION	\$ 35,000.00
LAYOUT & SURVEYING	\$ 14,300.00
EROSION AND SEDIMENT CONTROL	\$ 10,900.00
TOPSOIL STRIPPING	\$ 12,400.00
DEMOLITION	\$ 4,800.00
EARTHWORK	\$ 116,100.00
STORMWATER CONVEYANCE AND MANAGEMENT	\$ 65,300.00
MISCELLANEOUS UTILITIES	\$ 18,000.00
CONCRETE TURF ANCHOR	\$ 64,600.00
SYNTHETIC TURF FIELD AND UNDERDRAINAGE	\$ 967,100.00
NEW 8' HT. PERIMETER FENCE	\$ 53,900.00
SPECTATOR SEATING	\$ 47,000.00
DUGOUTS	\$ 75,000.00
BACKSTOPS	\$ 42,800.00
CONCRETE WALKS	\$ 31,500.00
FIELD LIGHTING	\$ 300,000.00
ATHLETIC AMENITIES	\$ 9,000.00
RESTROOM/CONCESSION/STORAGE BUILDING	\$ 240,500.00
TOPSOIL AND SEEDING	\$ 8,800.00
<b>TOTAL</b>	<b>\$ 2,117,000.00</b>

CORE CONCEPT B1 STADIUM SUBTOTAL \$ 2,008,300.00

CENTRAL PARKING AREA \$ 262,000.00

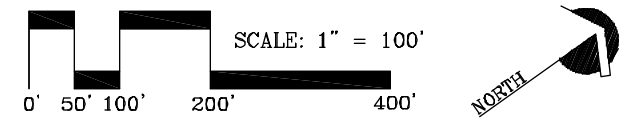
**TOTAL \$ 5,005,100.00**

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

**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 F1

**METHACTON HIGH SCHOOL  
EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

21 March 2012

**STORMWATER MANAGEMENT FACILITY**

ITEM	COST
MOBILIZATION	\$ 22,000.00
LAYOUT & SURVEYING	\$ 8,400.00
EROSION AND SEDIMENT CONTROL	\$ 6,800.00
TOPSOIL STRIPPING	\$ 6,300.00
DEMOLITION	\$ 1,600.00
EARTHWORK	\$ 78,000.00
STORMWATER TRUNK LINE	\$ 86,600.00
MISCELLANEOUS PIPING & STRUCTURES	\$ 33,800.00
LANDSCAPING/HYDRIC PLANTINGS	\$ 66,400.00
FENCING	\$ 75,000.00
TOPSOIL AND SEEDING	\$ 7,200.00
<b>TOTAL</b>	<b>\$ 392,100.00</b>

**NATURAL GRASS SOFTBALL FIELD**

ITEM	COST
MOBILIZATION	\$ 20,000.00
LAYOUT & SURVEYING	\$ 8,200.00
EROSION AND SEDIMENT CONTROL	\$ 6,500.00
TOPSOIL STRIPPING	\$ 4,800.00
DEMOLITION	\$ 1,000.00
EARTHWORK	\$ 32,200.00
ROOT ZONE MIX	\$ 26,300.00
INFIELD MIX	\$ 12,000.00
FENCING/BACKSTOP	\$ 24,500.00
DUGOUTS	\$ 65,000.00
ATHLETIC AMENITIES	\$ 6,000.00
TOPSOIL AND SEEDING	\$ 4,600.00
<b>TOTAL</b>	<b>\$ 211,100.00</b>

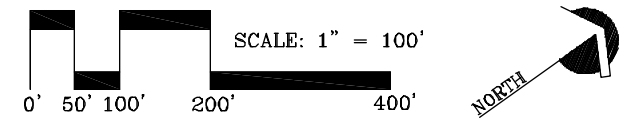
**CENTRAL AUXILIARY FIELD/BASEBALL FACILITY**

ITEM	COST
MOBILIZATION	\$ 33,000.00
LAYOUT & SURVEYING	\$ 14,300.00
EROSION AND SEDIMENT CONTROL	\$ 10,900.00
TOPSOIL STRIPPING	\$ 12,400.00
DEMOLITION	\$ 4,800.00
EARTHWORK	\$ 116,100.00
STORMWATER CONVEYANCE AND MANAGEMENT	\$ 65,300.00
MISCELLANEOUS UTILITIES	\$ 16,000.00
CONCRETE TURF ANCHOR	\$ 62,100.00
SYNTHETIC TURF FIELD AND UNDERDRAINAGE	\$ 958,200.00
NEW 8' HT. PERIMETER FENCE	\$ 53,900.00
DUGOUTS	\$ 65,000.00
BACKSTOP	\$ 22,000.00
ATHLETIC AMENITIES	\$ 9,000.00
TOPSOIL AND SEEDING	\$ 7,800.00
<b>TOTAL</b>	<b>\$ 1,450,800.00</b>

CORE CONCEPT B1 STADIUM SUBTOTAL **\$ 1,873,300.00**

**TOTAL (NOT INCLUDING STORMWATER MANAGEMENT FACILITY) \$ 3,535,200.00**

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



**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.

**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

**CORE CONCEPT G**

**METHACTON HIGH SCHOOL  
 EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

**architerra, pc.**

**12 April 2012**

**STORMWATER MANAGEMENT FACILITY**

ITEM	COST
MOBILIZATION	\$ 22,000.00
LAYOUT & SURVEYING	\$ 8,400.00
EROSION AND SEDIMENT CONTROL	\$ 6,800.00
TOPSOIL STRIPPING	\$ 4,300.00
DEMOLITION	\$ 1,000.00
EARTHWORK	\$ 48,000.00
STORMWATER TRUNK LINE	\$ 86,600.00
MISCELLANEOUS PIPING & STRUCTURES	\$ 33,800.00
LANDSCAPING/HYDRIC PLANTINGS	\$ 49,600.00
FENCING	\$ 50,000.00
TOPSOIL AND SEEDING	\$ 4,500.00
<b>TOTAL</b>	<b>\$ 315,000.00</b>

**NATURAL GRASS SOFTBALL FACILITY**

ITEM	COST
MOBILIZATION	\$ 20,000.00
LAYOUT & SURVEYING	\$ 9,600.00
EROSION AND SEDIMENT CONTROL	\$ 7,500.00
TOPSOIL STRIPPING	\$ 7,900.00
DEMOLITION	\$ 1,000.00
EARTHWORK	\$ 65,700.00
ROOT ZONE MIX	\$ 45,200.00
INFIELD MIX/WARNING TRACK	\$ 27,400.00
FENCING/BACKSTOP	\$ 53,800.00
DUGOUTS	\$ 65,000.00
ATHLETIC AMENITIES	\$ 12,600.00
RETAINING WALL	\$ 41,600.00
TOPSOIL AND SEEDING	\$ 8,600.00
<b>TOTAL</b>	<b>\$ 365,900.00</b>

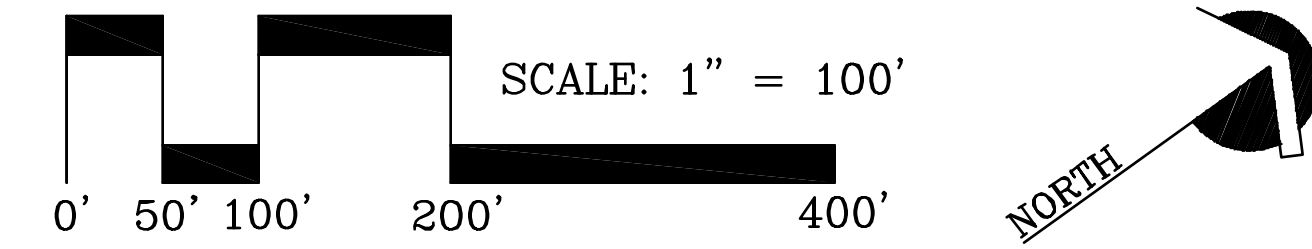
**CENTRAL ATHLETIC MINI-STADIUM**

ITEM	COST
MOBILIZATION	\$ 25,000.00
LAYOUT & SURVEYING	\$ 9,500.00
EROSION AND SEDIMENT CONTROL	\$ 9,900.00
TOPSOIL STRIPPING	\$ 10,300.00
DEMOLITION	\$ 4,800.00
EARTHWORK	\$ 60,000.00
STORMWATER CONVEYANCE AND MANAGEMENT	\$ 46,800.00
MISCELLANEOUS UTILITIES	\$ 16,000.00
CONCRETE TURF ANCHOR	\$ 55,900.00
SYNTHETIC TURF FIELD AND UNDERDRAINAGE	\$ 660,500.00
NEW 8' HT. PERIMETER FENCE	\$ 48,900.00
FIELD LIGHTING	\$ 260,000.00
SCOREBOARD	\$ 18,000.00
TOPSOIL AND SEEDING	\$ 7,800.00
<b>TOTAL</b>	<b>\$ 1,233,400.00</b>

CORE CONCEPT B1 STADIUM SUBTOTAL \$ 1,873,300.00

**TOTAL (NOT INCLUDING STORMWATER MANAGEMENT FACILITY) \$ 3,472,600.00**

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



**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.

**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

**CORE CONCEPT K**

**METHACTON HIGH SCHOOL  
EAGLEVILLE, PENNSYLVANIA**

**ATHLETIC FACILITIES RENOVATION PROJECT**

architerra, pc.

**24 April 2012**