

KISKI SCHOOL TRACK & FIELD RENOVATION SALTSBURG, PENNSYLVANIA



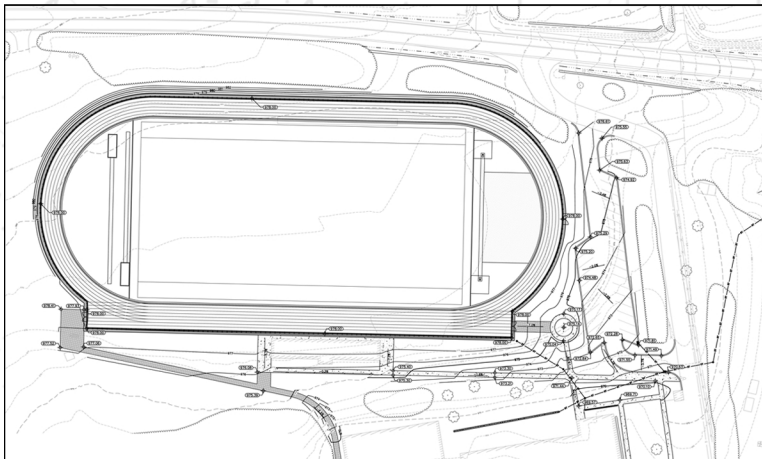
ESTABLISHED IN 1888, THE PRESTIGIOUS KISKI SCHOOL IS ONE OF THE OLDEST ALL-BOYS' COLLEGE PREP BOARDING SCHOOLS IN THE UNITED STATES. LOCATED 30 MILES EAST OF PITTSBURGH, THE INSTITUTION OFFERS A WEALTH OF EDUCATIONAL AND ATHLETIC OPPORTUNITIES.

TO SUPPORT THE SCHOOL'S NEED FOR AN UPDATED, STATE-OF-THE-ART TRACK AND FIELD COMPLEX, RED SWING GROUP WAS SOLE-SOURCED TO PROVIDE LAND DEVELOPMENT AND CIVIL ENGINEERING SERVICES. SPECIFIC SCOPE ITEMS INCLUDED:

- UTILITY REVIEW (GAS AND ELECTRIC), PLANNING AND COORDINATION.
- SITE DEVELOPMENT CONSTRUCTION DOCUMENTS.
- STORMWATER MANAGEMENT.
- APPLICATION AND COORDINATION WITH WESTMORELAND CONSERVATION DISTRICT FOR EROSION & SEDIMENTATION CONTROL PLANS AND NPDES STORMWATER PERMITTING.

PROJECT CHALLENGES:

- **STORMWATER MANAGEMENT:** THE NEW FIELD TURF SYSTEM INCORPORATED A STORMWATER MANAGEMENT UNDERDRAIN AND GRAVEL BASE TO RETAIN AND MANAGE RUNOFF FROM THE FOOTBALL FIELD AND SURROUNDING IMPERVIOUS AREAS. ADDITIONALLY, YARD INLETS WERE PROPOSED TO ALLEVIATE LOCALIZED WATER ACCUMULATION NEAR THE ADJACENT BUILDING.
- **TIGHT DESIGN AND CONSTRUCTION TIMEFRAMES:** ALTHOUGH THE NOTICE-TO-PROCEED WAS NOT ISSUED UNTIL LATE-SPRING, ALL WORK HAD TO BE COMPLETED FOR THE FALL FOOTBALL SEASON. RED SWING WORKED TO EXPEDITE THE DESIGN AND REVIEW PROCESS THROUGH DILIGENT COORDINATION WITH THE PROJECT ARCHITECT, CONTRACTOR, AND REVIEWING AGENCY TO MEET THE ABBREVIATED TIMELINE.



- **FAST-TRACK NPDES PERMIT APPROVAL:** RED SWING'S EXPERTISE NAVIGATING THE NPDES PROCESS ENABLED THE TEAM TO ACQUIRE PERMIT APPROVALS WITHIN A FOUR-MONTH TIMEFRAME PRIOR TO CONSTRUCTION.

- **BALANCED DESIGN FOR SITE OPTIMIZATION:** RED SWING'S REVIEW/INPUT ON INITIAL DESIGNS RESULTED IN A MORE BALANCED SITE THAT MINIMIZED EXCESS CUT AND FILL.

BASED ON RED SWING'S CONTRIBUTIONS TO THIS PROJECT, THE COMPANY HAS BEEN SELECTED AS THE ENGINEER FOR THE SECOND PHASE OF KISKI'S OVERALL CAMPUS/SPORTS COMPLEX UPGRADES.

PROJECT STAFF:

**MATTHEW SMITH, C.K. MITCHELL
AND ROBERT MCCOLLIM**

CLIENT:

**J.C. ORR & SON, INC.
(JOSEPH H. ORR, PRESIDENT)**

PROJECT DATES:

APRIL 2013 - OCTOBER 2013

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