

UNCLE BUCKLES BAR & GRILLE

PLUM BOROUGH, PA

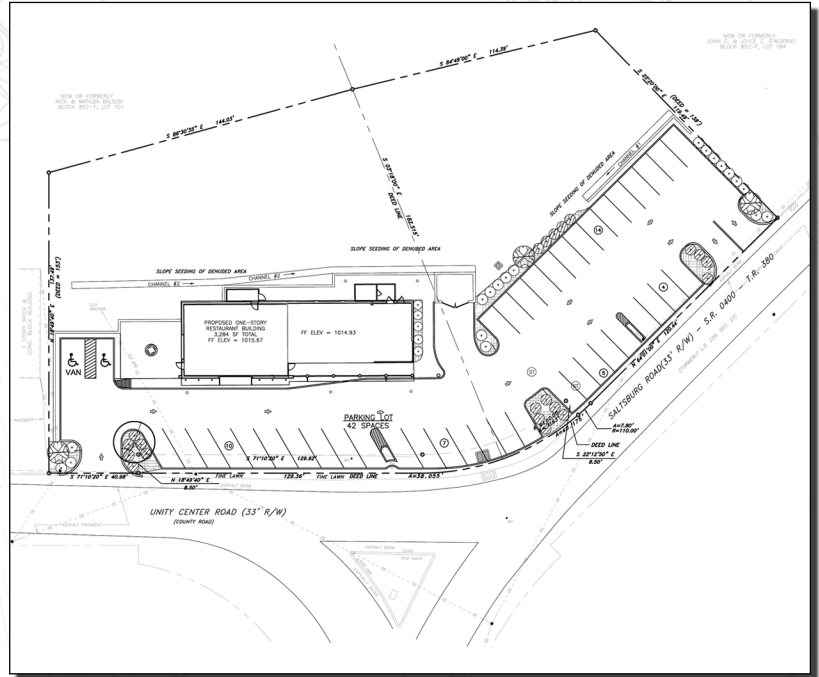


RED SWING WAS ENGAGED TO PREPARE SITE DEVELOPMENT ENGINEERING PLANS TO CONVERT AN EXISTING BUILDING AND GARAGE INTO A SMALL LOCAL RESTAURANT WITH OUTDOOR SEATING. SPECIFIC SCOPE ITEMS INCLUDED:

- SITE LAYOUT AND GRADING DESIGNS, WHICH INCLUDED MODIFYING A STEEP HILLSIDE BEHIND THE BUILDING.
- SECURING HIGHWAY OCCUPANCY PERMITS FROM BOTH PENNDOT AND ALLEGHENY COUNTY DEPARTMENT OF PUBLIC WORKS DUE TO THE SITE BEING A CORNER LOT WITH ENTRANCES ON EACH ROAD.
- STORMWATER MANAGEMENT DESIGN.
- EROSION AND SEDIMENTATION (E&S) CONTROL PLANS.
- UTILITY LAYOUTS.
- COORDINATION WITH LOCAL PLANNING COMMISSION AND PLUM BOROUGH, AS WELL AS THE ALLEGHENY COUNTY CONSERVATION DISTRICT.

SITE CHALLENGES:

- **STEEP HILLSIDE:** THE PROPOSED RESTAURANT REQUIRED ADDITIONAL ROOM TO THE REAR OF THE BUILDING FOR THE INCLUSION OF A WALK-IN FREEZER. TO PROVIDE THE REQUIRED ROOM, A NEW RETAINING WALL WAS REQUIRED TO CUT BACK THE EXISTING STEEP HILL THAT ABUTTED THE REAR OF THE EXISTING BUILDING. A 10-FOOT TALL RETAINING WALL WAS PROPOSED, AND A 36-INCH-DIAMETER PIPE WAS CUT IN HALF AND DESIGNED INTO THE BACK OF THE WALL TO PROVIDE A DIVERSION CHANNEL BEHIND THE WALL TO CONTROL RUNOFF FROM THE HILLSIDE.
- **STORMWATER MANAGEMENT AND UTILITIES PLACEMENT:** BECAUSE OF THE TIGHT SITE LAYOUT WITH THE PROXIMITY OF THE BUILDING TO THE ROAD RIGHT OF WAY, RED SWING WAS CHALLENGED WITH DESIGNING EFFICIENT PLACEMENT AREAS FOR THE REQUIRED STORMWATER STORAGE AND PROPOSED UTILITY LINES.



CLIENT/CONTACT:

002 ENTERPRISES, LLC

PROJECT DATES:

MARCH 2009 - MARCH 2010

ARCHITECT:

DUNN & ASSOCIATES

KEY PERSONNEL:

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