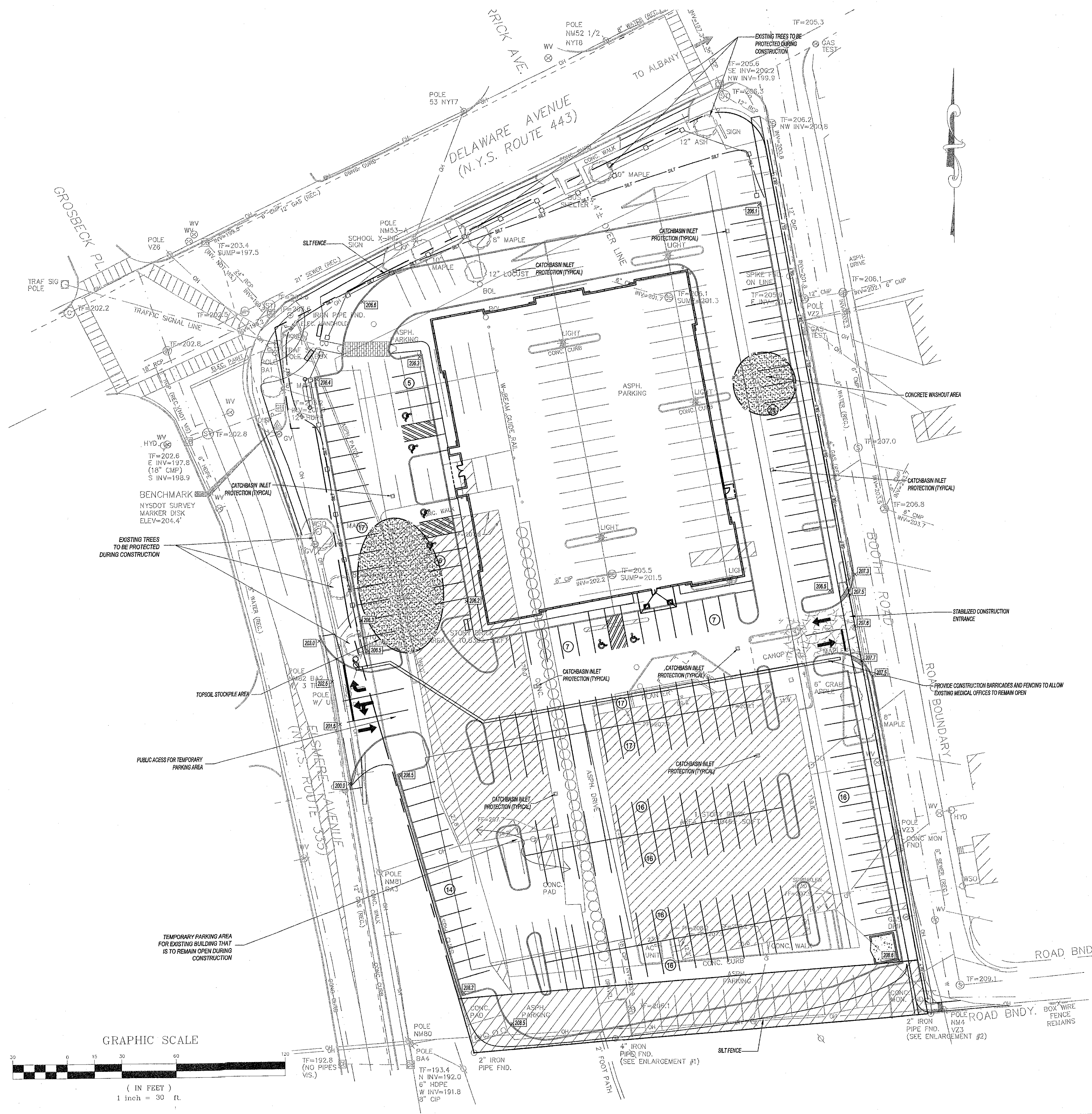


FILE: W:\YTD SURVEY\DELAWARE\WETA\05 DRAWINGS\1.01.01 PRELIMINARY\03.00 EROSION CONTROL.DWG. Scale: 5/24/2011 2:05:15 PM. Plotted: 8/2/2011 9:20:16 AM. User: Ted Radek



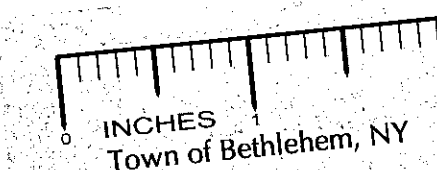
EROSION & SEDIMENT CONTROL LEGEND		
DESCRIPTION	EXISTING	PROPOSED
FENCE		
SILT FENCE		
EDGE OF STREAM OR RIVER		
LAKE OR POND		
PROPERTY LINE		
GRADING LIMITS		
EDGE OF PAVEMENT		
EDGE OF WOODS		
BUILDING		
CATCH BASIN		
MANHOLE		
HYDRANT		
WETLAND/MARSH		

GENERAL EROSION & SEDIMENT CONTROL NOTES:

1. THE SOIL EROSION AND SEDIMENT CONTROL MEASURES AND DETAILS AS SHOWN HEREIN AND STIPULATED WITHIN STATE STANDARDS SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE SEDIMENT LEAVING THE SITE.
2. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS.
3. EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR THE LOCAL JURISDICTION INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
6. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE SILT FENCE.
7. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED.
8. SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
9. ALL CUT AND FILL SLOPES MUST BE SURFACED ROUGHENED AND VEGETATED WITHIN SEVEN (7) DAYS OF THEIR CONSTRUCTION.
10. CONTRACTOR SHALL REMOVE ALL EROSION & SEDIMENT CONTROL MEASURES AFTER COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER.
11. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
12. SEE DETAIL SHEETS FOR EROSION CONTROL DETAILS.
13. THE STORMWATER MANAGEMENT SYSTEM SHALL BE INSTALLED AS EARLY AS POSSIBLE IN THE CONSTRUCTION PHASING.
14. ALL OPEN DRAINAGE SHALES TO BE STABILIZED WITH GRASS AND/OR RIP-RAP AS QUICKLY AS POSSIBLE.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

- TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROLS ARE PRESENTED HEREIN TO ASSIST THE OPERATOR WITH THE PROJECT'S SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY. TO THE EXTENT PRACTICABLE, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY BEFORE THE ASSOCIATED PROJECT AREAS ARE DISTRIBUTED IN ANTICIPATION OF SOIL DISTURBING ACTIVITIES. BASED UPON NYSDEC REGULATIONS, TOTAL DISTURBANCE DURING CONSTRUCTION SHALL BE KEPT AT LESS THAN 5 ACRES AT ANY GIVEN TIME.
- THE FOLLOWING IS A GENERAL SEQUENCE OF THE MAJOR CONSTRUCTION ACTIVITIES ANTICIPATED TO OCCUR ON THE PROJECT SITE:
1. SITE PREPARATION - SILT FENCE WILL BE INSTALLED ON THE DOWN SLOPE OF THE LIMITS OF GRADING AND OTHER AREAS WHERE EROSION IS ANTICIPATED, AS SHOWN ON THE SITE PLANS. THE SILT FENCE SHALL REMAIN IN PLACE UNTIL ALL AREAS UPGRADIENT ARE STABILIZED. A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED AS SHOWN ON THE DRAWINGS TO CAPTURE MUD AND DEBRIS FROM THE CONSTRUCTION VEHICLES BEFORE ENTERING THE PUBLIC WAY. CLEARING AND DISTURBANCE AT THIS PHASE SHALL BE LIMITED TO THE WORK NECESSARY TO INSTALL THE TEMPORARY SEDIMENT CONTROL MEASURES AND DEVICES.
 2. A TEMPORARY PARKING AREA WILL BE ESTABLISHED FOR THE EXISTING MEDICAL OFFICE BUILDING TO REMAIN OPEN. ALL WORK SAFETY MEASURES TO BE INSTALLED.
 3. BUILDING DEMOLITION - EXISTING BUILDING WILL BE DEMOLISHED AND ALL DEBRIS WILL BE DISPOSED OF OFF SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
 4. ROUGH GRADING - TREES AND VEGETATION WITHIN THE DISTURBANCE LIMITS WILL BE REMOVED, AND TOPSOIL STRIPPING AND STOCKPILING WILL TAKE PLACE FOR LATER USE IN LANDSCAPE AREAS. EARTHWORK TO ROUGH GRADE THE SITE TO APPROXIMATE FINISHED GRADES WILL OCCUR AND ADDITIONAL REQUIRED SITE FENCE WILL BE INSTALLED. THE CLOSED PPWS SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH NYSDEC REGULATIONS, THE TOTAL DISTURBED AREA AT ANY GIVEN TIME SHALL BE KEPT AT LESS THAN FIVE (5) ACRES.
 5. UTILITY INSTALLATION - WATER, SEWER, DRAINAGE, AND OTHER UNDERGROUND UTILITIES (ELECTRIC, TELEPHONE, GAS, CABLE, ETC) WILL BE INSTALLED UPON ESTABLISHMENT OF ROUGH SUBGRADES, AND AFTER THE REQUIRED FILL IS COMPACTED PER SPECIFICATIONS.
 6. CATCHBASIN INLET PROTECTION TO BE INSTALLED AT EACH CATCHBASIN AS THEY ARE INSTALLED.
 7. DUST CONTROL MEASURES SHALL BE UTILIZED THROUGHOUT THE CONSTRUCTION PERIOD.
 8. PAVING - THE PARKING WILL BE PAVED.
 9. FINAL GRADING AND LANDSCAPING - TOPSOIL WILL BE SPREAD ON AREAS TO BE LANDSCAPED AND AREAS WILL BE PLANTED AND SEEDING IN ACCORDANCE WITH THE APPROVED DESIGN PLANS. ALL DISTURBED AREAS SHALL BE STABILIZED. STABILIZATION SHALL TAKE PLACE AS SOON AS POSSIBLE IN PORTIONS OF THE SITE WHERE THE CONSTRUCTION ACTIVITIES HAVE CEASED FOR A PERIOD OF 14 DAYS.



RECEIVED

AUG 3 2011

Town of Bethlehem
Planning Board

TOWN OF BETHLEHEM APPROVAL

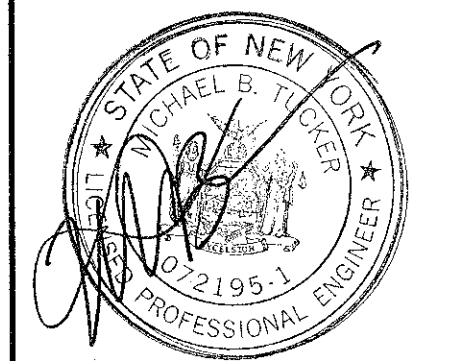
PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK

This Site Plan Approved.

George J. Finner
Title: CHAIRMAN

August 4, 2011 SPA 175

infinity
engineering
11 Herbert Drive
Latham, New York 12110
(518) 690-0790



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF APPLICABLE STATE AND/OR LOCAL LAWS.

No.	Project Title Change	MBT	8/01/11
1	Final Submission	MBT	5/25/11
No.	Submittal / Revision	App'd	Date

Drawn: TAR Date: 2/11
Designed: TAR Date: 2/11
Checked: MBT Date: 2/11

Project Number 182-094

Project Title
Delaware Avenue Health Park

Delaware & Elsmere Ave's
Bethlehem, NY

Prepared For
Patroon Development LLC

Drawing Title
Erosion & Sediment Control Plan

Drawing Scale:
1" = 30'
Date:
8/01/2011

Issued For

SITE PLAN REVIEW

Drawing Number
C-10