

PLANNING BOARD  
TOWN OF BETHLEHEM  
ALBANY COUNTY, NEW YORK  
By direction of the Chairman  
These drawings are hereby approved.  
See sheet(s) 18-1  
for date and signature.

BETHLEHEM PLANNING BOARD APPROVAL

PERIMETER SILT FENCE AT  
TOE OF ALL SLOPES



#### CONSTRUCTION SEQUENCE (EXCAVATION & ROADWAY CONSTRUCTION):

1. ESTABLISH PERIMETER SILT FENCING, WETLAND BARRIERS, AND STABILIZED CONSTRUCTION ENTRANCES FOR THE PHASE TO BE DISTURBED.
2. CONSTRUCT HAIL ROADS AND ACCESS ROADS TO DETENTION PONDS.
3. CONSTRUCT DETENTION PONDS.
4. CONSTRUCT OUTLET STRUCTURE WITHIN THE SEDIMENT TRAP OR DETENTION POND TO ALLOW FUNCTIONALITY AS A TEMPORARY SEDIMENT BASIN DURING SITE CONSTRUCTION.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.
6. BEGIN ROUGH GRADING OF ROADWAY ALIGNMENTS, TAKING CARE TO ESTABLISH ANY SWALES WITH TEMPORARY CHECK DAMS TO DIVERT RUNOFF TO STORM SEWER; STABILIZE CUT AND FILL SLOPES, STABILIZE INTERNAL ROADWAY AREAS WITH SUBBASE COURSE, AS NECESSARY.
7. INSTALL SEWER LINES, STORM DRAINAGE SYSTEM AND WATER LINES. INSTALL DROP INLET TRAPS AND CHECK DAMS IN DRAINAGE FLOW LINES.
8. COMPLETE SUBGRADE EXCAVATION, CONSTRUCT BASE COURSE, STABILIZE WITH SUB ROADWAY.
9. INSTALL ADDITIONAL SILT FENCING AS NEEDED AS CLEARING AND GRADING ACTIVITIES PROGRESS.
10. UPON COMPLETION OF RIGHT OF WAY GRADING, TEMPORARY SEEDING AND ESTABLISHMENT OF VEGETATIVE COVER SHALL OCCUR.
11. INSTALL BITUMINOUS PAVEMENT FOR ALL NEW ROADWAYS.
12. PRIOR TO FINALIZING CONNECTION TO THE STORM SEWER SYSTEM, ALL CATCH BASINS AND DRAINAGE LINES SHALL BE CLEANED OF ALL SILT AND SEDIMENT.
13. CONTRACTOR SHALL IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON ALL DISTURBED AREAS. ONCE FINAL STABILIZATION IS ACHIEVED REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
14. REMOVE ALL SEDIMENT AND TEMPORARY SEDIMENT BASIN COMPONENTS FROM THE SEDIMENT BASIN.
15. CONTINUE INSPECTION AND MAINTENANCE OF ROADWAY, EROSION/SEDIMENT CONTROL DEVICES AND POST-CONSTRUCTION MANAGEMENT PRACTICES THROUGHOUT THE DURATION OF THE CONSTRUCTION.

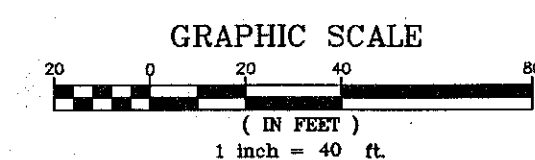
#### CONSTRUCTION SEQUENCE (INDIVIDUAL LOT CONSTRUCTION):

1. SILT FENCING SHALL BE INSTALLED ALONG ROADWAY TO PREVENT SEDIMENT FROM ENTERING THE CLOSED DRAINAGE NETWORK WITHIN THE ROADWAY.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE PRIOR TO ANY LOT DISTURBANCE.
3. COMPLETE EXCAVATION, GRADING IN BUILDING AREA AND CONSTRUCT PROPERTY LINE SWALES.
4. STABILIZE GRADED AREAS AND SWALES WITH SEED AND MULCH INCLUDING EROSION MATTING AND TEMPORARY CHECK DAMS AS NECESSARY TO PREVENT EROSION.
5. CONTINUE INSPECTION AND MAINTENANCE OF THE INDIVIDUAL LOT UNTIL FINAL STABILIZATION IS ACHIEVED.

#### EROSION CONTROL GENERAL NOTES:

1. THIS PROJECT IS AUTHORIZED UNDER NYSDEC PERMIT GP-0-15-002.
2. ANY CONTRACTOR INVOLVED IN EARTHWORK ACTIVITIES, INCLUDING BUT NOT LIMITED TO: CLEARING, GRADING AND TRENCHING, SHALL REVIEW ALL PERMIT CONDITIONS AND CERTIFY UNDERSTANDING OF THESE CONDITIONS, IN WRITING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL EROSION CONTROLS DESCRIBED IN GP-0-15-002, AND IT IS NOT THE INTENT OF THESE DRAWINGS TO REPLACE OR DISSEMINATE THE PERMIT REQUIREMENTS. THE CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH THE PERMIT AT ALL TIMES.
3. AT NO TIME, SHALL MORE THAN FIVE (5) ACRES REMAIN UNSTABILIZED. THE CONTRACTOR SHALL COORDINATE EARTHWORK ACTIVITIES AND IMPLEMENTATION OF SOIL STABILIZATION MEASURES TO ENSURE COMPLIANCE TO THIS PERMIT REQUIREMENT.
4. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION AND EQUIPMENT ENTRANCE WHENEVER PRACTICABLE.
5. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF COMPLETION OR SUSPENSION OF GRADING OPERATIONS.
6. A NOTICE OF INTENT (NOI) MUST BE FILED WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FIVE (5) BUSINESS DAYS PRIOR TO CONSTRUCTION ACTIVITIES WHICH DISTURB MORE THAN ONE ACRE OF LAND AFFIRMING THAT A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED CONSISTENT WITH THE REQUIREMENTS INCLUDED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SIDES GENERAL PERMIT FOR STORMWATER DISCHARGES (GP-0-15-002).
7. NO TOPSOIL SHALL BE REMOVED FROM ANY LAND EXCEPT WHERE HEAVY EQUIPMENT WILL BE OPERATED. IN THESE AREAS TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON THE PROPERTY FOR REPLACEMENT AT THE COMPLETION OF CONSTRUCTION.

EXISTING PROPERTY LINE	---	EXISTING WATERMAIN	W
PROPOSED PROPERTY LINE	---	EXISTING OVERHEAD WIRE	OH
PROPOSED SETBACK	---	WETLAND BOUNDARY	WETLAND BOUNDARY
ADJACENT PROPERTY LINE	---	PROPOSED TREELINE	---
PROPOSED EASEMENT	---	PROPOSED CONTOUR	---
EXISTING CONTOUR	---	PROPOSED SANITARY SEWER	---
EXISTING TREELINE	---	PROPOSED SANITARY MANHOLE	---
EXISTING HYDRANT	---	PROPOSED SANITARY MAIN	---
EXISTING UTILITY POLE	---	PROPOSED STORM SEWER	---
EXISTING SIGN	---	PROPOSED CATCH BASIN	---
EXISTING CATCH BASIN	---	PROPOSED DRY WELL	---
EXISTING SANITARY MANHOLE	---	CONSTRUCTION PHASE BOUNDARY	---
EXISTING SANITARY SEWER	---		
EXISTING STORM SEWER	---		

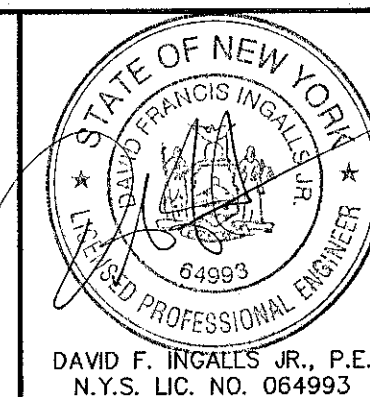


TOWN OF BETHLEHEM, NEW YORK  
PLANNING DEPT. ORIGINAL  
- SCANNED -  
0 1 2 INCHES

ALBANY COUNTY DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
By direction of the Commissioner of Health, these  
plans are hereby approved. See first sheet for  
date and signature.

6	11/16/15	REVISED PER TOWN COMMENTS	PJY
5	10/6/15	REVISED PER TOWN COMMENTS	PJY
4	8/13/15	REVISED PER TOWN & TDE COMMENTS	PJY
3	6/19/15	REVISED PER TOWN & TDE COMMENTS	PJY
2	3/5/15	REVISED PER TOWN & TDE COMMENTS	PJY
1	9/23/14	REVISED PER TOWN & TDE COMMENTS	PJY
NO.	DATE:	REVISIONS	BY:

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E&SC PLAN 1  
NEWELL PLACE  
WEMPLE ROAD  
TOWN OF BETHLEHEM  
ALBANY COUNTY STATE OF NEW YORK  
DATE: JUNE 19, 2013 CHECKED BY: DFI  
JOB NO. 11-038 SCALE: 1" = 40'  
DRAWN BY: PJY  
CADD FILE: 11038DF SHEET 18 OF 27