EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCE NOTES:

1. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.
2. CONTRACTOR SHALL COMMENCE SITE CONSTRUCTION ACTIVITIES AS REQUIRED.
3. INSTALL SILT FENCING AS NEEDED AS CLEARING AND GRADING ACTIVITIES PROGRESS. UPON COMPLETION OF INITIAL ROUGH GRADING OF BUILDING AREAS, TEMPORARY SEEDING AND ESTABLISHMENT OF VEGETATIVE COVER SHALL OCCUR.
4. IMMEDIATELY FOLLOWING COMPLETION OR SUSPENSION OF CONSTRUCTION ACTIVITIES OR WITHIN 14 DAYS IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
5. PRIOR TO FINALIZING CONNECTION TO THE STORM SEWER SYSTEM, ALL CATCH BASINS AND DRAINAGE LINES SHALL BE CLEANED OF ALL SILT AND SEDIMENT.
6. ONCE ROAD SURFACE HAS BEEN STABILIZED, SILT FENCING SHALL BE INSTALLED ALONG ROADWAY TO PREVENT SEDIMENT FROM ENTERING THE CLOSED DRAINAGE NETWORK WITHIN THE ROADWAY.
7. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON THE AREAS DISTURBED DURING THE REMOVAL.

CONSTRUCTION SEQUENCE (APPLICABLE TO EACH PHASE)

1. ESTABLISH PERIMETER SILT FENCING, WETLAND BARRIERS, AND STABILIZED CONSTRUCTION ENTRANCES FOR THE PHASE TO BE DISTURBED.
2. INSTALL TEMPORARY BARRICADES AT THE PROPERTY LINES WHERE HAMPTON STREET, CORRIT DRIVE AND LEONARD DRIVE ARE EXTENDED TO PREVENT CONSTRUCTION VEHICLES FROM USING THESE ROADS FOR CONSTRUCTION ACCESS. THE BARRICADES SHALL REMAIN IN PLACE UNTIL SUCH TIME THE TOWN BOARD ACCEPTS THESE ROADS AS DEDICATED TOWN ROADWAYS.
3. CONSTRUCT HAUL ROADS AND ACCESS ROADS TO DETENTION PONDS.
4. CONSTRUCT DETENTION PONDS
5. CONSTRUCT OUTLET STRUCTURE WITHIN THE SEDIMENT TRAP OR DETENTION POND TO ALLOW FUNCTIONALITY AS A TEMPORARY SEDIMENT BASIN DURING SITE CONSTRUCTION.
6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.
7. 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.
8. INSTALL THE DRY PONDS, BIOFILTRATION PRACTICES, FOREBAYS AND DRY SWALE. ONCE PRACTICES ARE IN PLACE SILT FENCE SHALL BE INSTALLED UPSLOPE OF ANY FILTER PRACTICE.
9. INSTALL SEWER LINES, STORM DRAINAGE SYSTEM AND WATER LINES. INSTALL DROP INLET SEDIMENT TRAPS AND CHECK DAMS IN DRAINAGE FLOW LINES.
10. COMPLETE SUBGRADE EXCAVATION, CONSTRUCT BASE COURSE, AND STABILIZE WITH SUB ROADWAY.
11. INSTALL ADDITIONAL SILT FENCING AS NEEDED AS CLEARING AND GRADING ACTIVITIES PROGRESS.
12. UPON COMPLETION OF RIGHT OF WAY GRADING, TEMPORARY SEEDING AND ESTABLISHMENT OF VEGETATIVE COVER SHALL OCCUR.
13. INSTALL BITUMINOUS PAVEMENT FOR ALL NEW ROADWAYS.
14. PRIOR TO FINALIZING CONNECTION TO THE STORM SEWER SYSTEM, ALL CATCH BASINS AND DRAINAGE LINES SHALL BE CLEANED OF ALL SILT AND SEDIMENT.
15. CONTRACTOR SHALL IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON ALL DISTURBED AREAS. ONCE FINAL STABILIZATION IS ACHIEVED REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
16. REMOVE ALL SEDIMENT AND TEMPORARY SEDIMENT BASIN COMPONENTS FROM THE SEDIMENT BASIN.
17. CONTINUE INSPECTION AND MAINTENANCE OF ROADWAY, EROSION/SEDIMENT CONTROL DEVICES AND POST-CONSTRUCTION MANAGEMENT PRACTICES THROUGHOUT THE DURATION OF THE CONSTRUCTION.

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 SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES (GP-0-15-002).
7. ALL STORMWATER MANAGEMENT AREAS WILL BE REQUIRED TO POST CONSPICUOUS SIGNAGE THAT MEETS NYS STORMWATER MANAGEMENT DESIGN MANUAL CHAPTER 3 REQUIREMENTS.

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES:

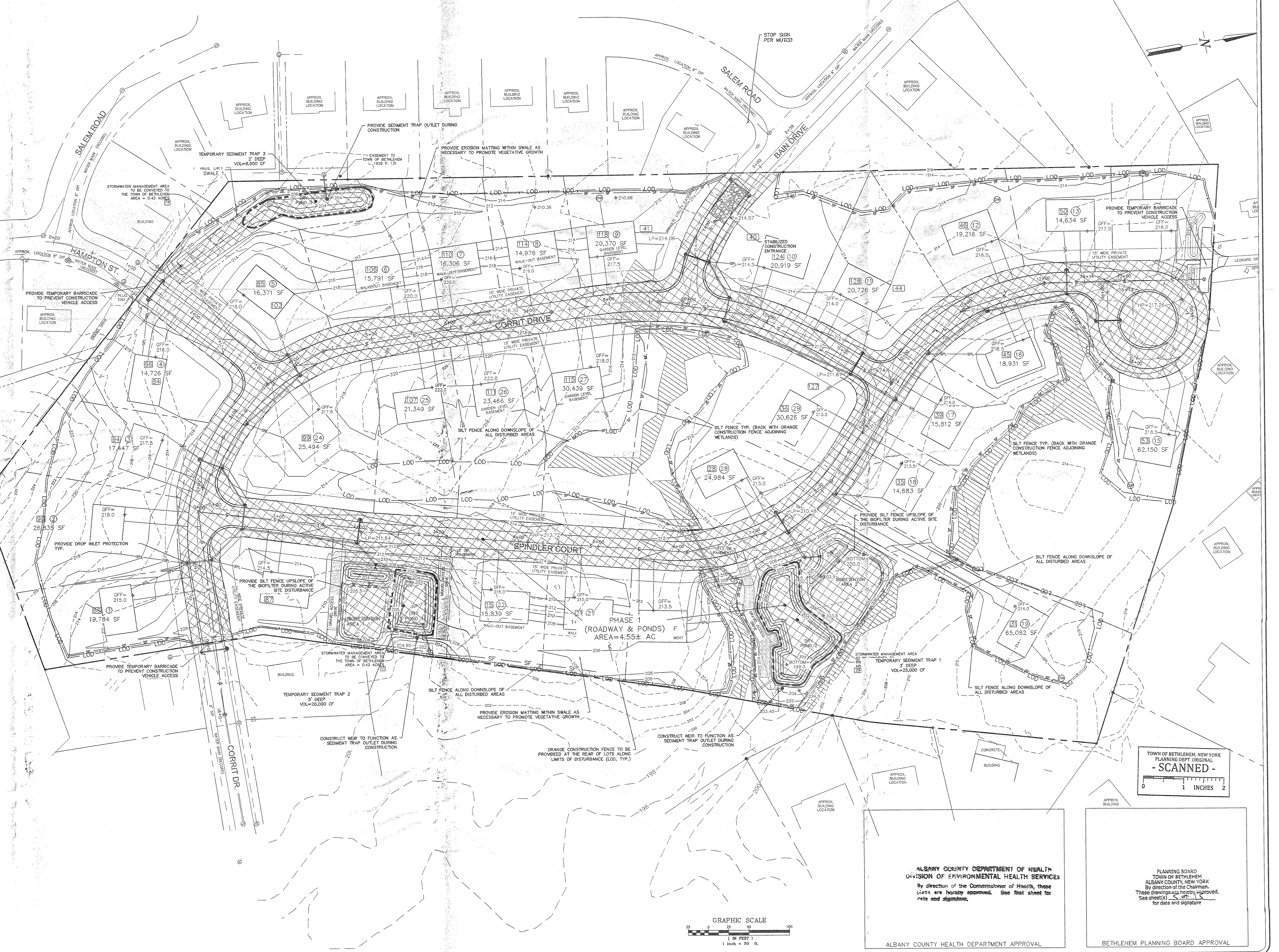
1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE LATEST EDITION OF NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL." (aka: THE BLUE BOOK) EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. IT IS THE INTENT OF THESE PLANS AND NOTES TO BE USED AS A GUIDE BY THE CONTRACTOR TO ENSURE THAT NO ERODED MATERIAL MIGRATES FROM THE SITE OR ENTERS ANY WATER COURSE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THIS GOAL IS MET, BY IMPLEMENTING THESE PLANS AND ANY ADDITIONAL MEANS THAT MAY BE NECESSARY. FURTHER MEASURES MAY BE REQUIRED BY THE CITY, VILLAGE, OR TOWN ENGINEER. WHILE MANY OF THE EROSION CONTROL DETAILS CONTAINED WITHIN THESE PLANS ARE TAKEN DIRECTLY FROM THE BLUE BOOK, THE CONTRACTOR SHOULD CONSIDER ANY OF THE DETAILS CONTAINED IN SECTION 7A OF THE BLUE BOOK AS ACCEPTABLE PRACTICE IN THE APPROPRIATE APPLICATION.
3. THE DEVELOPER/CONTRACTOR OR HIS BUILDER SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL EVENT THROUGH THE ENTIRE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION. ALL SEDIMENT ACCUMULATED SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPOIL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDED AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. DURING THESE PERIODIC INSPECTIONS, THE FOLLOWING ITEMS SHOULD BE PAID PARTICULAR ATTENTION: A. SILT FENCING SHALL BE INSPECTED FOR UNDERMINING AND DETERIORATION. B. SEEDED/MULCHED AREAS SHALL BE INSPECTED TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.
4. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE CITY, VILLAGE OR TOWN ENGINEER HAS APPROVED FINAL STABILIZATION.
5. SILT FENCE AND OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THESE DETAIL SHEETS AND SECTION 7A OF THE BLUE BOOK.
6. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.
7. CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES. EQUIPMENT SHALL NOT OPERATE, UNNECESSARILY, WITHIN WATERWAYS OR DRAINAGE DITCHES.
8. EXISTING PAVEMENT AREAS SHALL BE CLEANED AT THE DIRECTION OF THE CITY, VILLAGE, OR TOWN ENGINEER.
9. WATER TRUCKS SHALL BE USED TO MINIMIZE DUST POLLUTION ON SITE, AND ON ADJACENT ROADWAY AREAS AS DIRECTED BY THE CITY, VILLAGE, OR TOWN ENGINEER.
10. ANY WATER PUMPED AS A RESULT OF DEWATERING ACTIVITIES SHALL BE PUMPED INTO A DEWATERING PIT.
11. ALL AREAS DISTURBED IN THE CONSTRUCTION PROCESS SHALL BE STABILIZED WITH SEED AND MULCH NO MORE THAN 14 DAYS AFTER THE COMPLETION OF WORK IN THAT AREA. IF WORK IN AN AREA IS SUSPENDED, IT SHALL NOT REMAIN UNSTABILIZED FOR MORE THAN 21 DAYS. IT MAY BE NECESSARY TO SEED AND MULCH SOME AREAS SEVERAL TIMES TO MEET THIS REQUIREMENT.
12. IT IS RECOMMENDED THAT ALL EROSION CONTROL DEVICES BE PLACED FOR THE ENTIRE PHASE AS SHOWN ON THE EROSION CONTROL PLAN.
13. STOCK PILES SHALL BE PROTECTED BY SILT FENCE PER GP-0-15-002. THESE DEVICES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL SAID STOCK PILES ARE REMOVED AND STOCK PILING AREAS ARE PERMANENTLY STABILIZED.
14. STOCK PILES SHALL BE SEEDED UPON SUSPENSION OF WORK OR IF MATERIAL IS NOT TO BE USED WITHIN 14 DAYS, IN ACCORDANCE WITH GP-0-15-002.
15. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.
16. SILT FENCING SHALL BE INSTALLED AT THE PERIMETER OF ALL SLOPES TO BE GRADED, PRIOR TO GRADING OPERATIONS.
17. CLEARING OPERATIONS SHALL BE LIMITED TO ACTIVE WORK AREAS.
18. CARE SHALL BE TAKEN TO PRESERVE AS MUCH EXISTING VEGETATION AS POSSIBLE AND HEALTHY TREES OF DESIRABLE SPECIES SHALL BE PROTECTED.
19. WHEN RUNOFF IS COLLECTED AND FLOW IS CONCENTRATED IN A SWALE OR DRAINAGE DITCH, THEN CHECK DAMS SHALL BE INSTALLED TO REDUCE VELOCITY UNTIL THE SWALE AND THE AREA DRAINING TO THE SWALE ARE STABILIZED. SEDIMENT SHALL BE REMOVED FROM THE DAM AS NEEDED TO ALLOW THE CHANNEL TO DRAIN THROUGH THE DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM.

PHASING NOTES:

1. PHASING AREAS SHOWN SHALL BE A GUIDE TO LIMITING ACTIVE DISTURBANCE TO LESS THAN 5 ACRES TO THE MAXIMUM EXTENT PRACTICABLE.
2. HAUL ROADS AND ACCESS ROADS TO DETENTION PONDS SHALL BE CONSTRUCTED FIRST.
3. DETENTION PONDS AND SEDIMENT TRAPS IF APPLICABLE SHALL BE INSTALLED IMMEDIATELY THERE AFTER.
4. UPON COMPLETION OF POND EXCAVATION, TEMPORARY SEEDING AND ESTABLISHMENT OF VEGETATIVE COVER SHALL OCCUR.
5. COMPLETE SUBGRADE EXCAVATION AND STABILIZE ROADWAY AREA WITH BASE COURSE.
6. ONCE THE FULL PHASE AREA IS EITHER STABILIZED WITH SEED & MULCH OR SUBBASE COURSE THE NEXT PHASE MAY COMMENCE.
7. DISTURBANCE FOR INDIVIDUAL LOT CONSTRUCTION PHASES SHALL NOT BE GREATER THAN 5 ACRES FOR ALL ACTIVE LOTS.
8. WEEKLY SWPPP INSPECTION REPORTS SHALL INDICATE THE TOTAL NUMBER OF ACTIVE LOTS AND APPROXIMATE THE DISTURBANCE AREA. THE TYPICAL MAXIMUM IS APPROXIMATELY 10 ACTIVE LOTS AT ONE TIME DEPENDING ON AMOUNT OF INDIVIDUAL LOT DISTURBANCE.

LEGEND

EXISTING PROPERTY LINE	
PROPOSED PROPERTY LINE	
PROPOSED SETBACK	
ADJACENT PROPERTY LINE	
PROPOSED EASEMENT	
EXISTING CONTOUR	200
EXISTING TREELINE	
EXISTING HYDRANT	HYD
EXISTING UTILITY POLE	NG 19
EXISTING SANITARY MANHOLE	S
EXISTING SANITARY SEWER	S
EXISTING STORM SEWER	ST
EXISTING WATERMAIN	W
WETLAND BOUNDARY	
WETLAND IMPACT	
PROPOSED CONTOUR	200
PROPOSED SANITARY MANHOLE	S
PROPOSED SANITARY MAIN	S
PROPOSED SILT FENCE	SF SF
PROPOSED CONSTRUCTION FENCE	
PROPOSED LIMITS OF DISTURBANCE	LOD LOD
PROPOSED WATER MAIN	W W
PROPOSED STORM SEWER	
PROPOSED CATCH BASIN	



FOR MUNICIPAL APPROVAL ONLY
NOT FOR CONSTRUCTION

NOTE: 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONTACT DIG SAFELY NEW YORK TO LOCATE ALL UNDERGROUND UTILITIES. 1-800-962-7962

NO.	DATE:	REVISIONS	BY:
7	5/18/17	ISSUED FOR FINAL PLAT APPROVAL	PJY
6	5/1/17	REVISED LOT 2,3 & 4	PJY
5	4/4/17	ISSUED FOR FINAL PLAT APPROVAL	JCH
4	1/19/17	REVISED PER TOWN COMMENTS	JCH
3	1/5/17	REVISED PER TOWN & TDE COMMENTS	JCH
2	10/3/16	REVISED PER TOWN & TDE COMMENTS	PJY
1	5/13/16	REVISED PER TOWN & TDE COMMENTS	CDL

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EROSION & SEDIMENT CONTROL PLAN

STONEFIELD SUBDIVISION
CORRIT DRIVE, HAMPTON STREET & SPINDLER COURT
TOWN OF BETHLEHEM
ALBANY COUNTY — STATE OF NEW YORK

DATE: NOVEMBER 24, 2015
CHECKED BY: D.F.I.
JOB NO. 13-062
SCALE: 1"=50'
DRAWN BY: C.D.L.
CADD FILE: 13-062 ESC.dwg
SHEET 11 OF 13