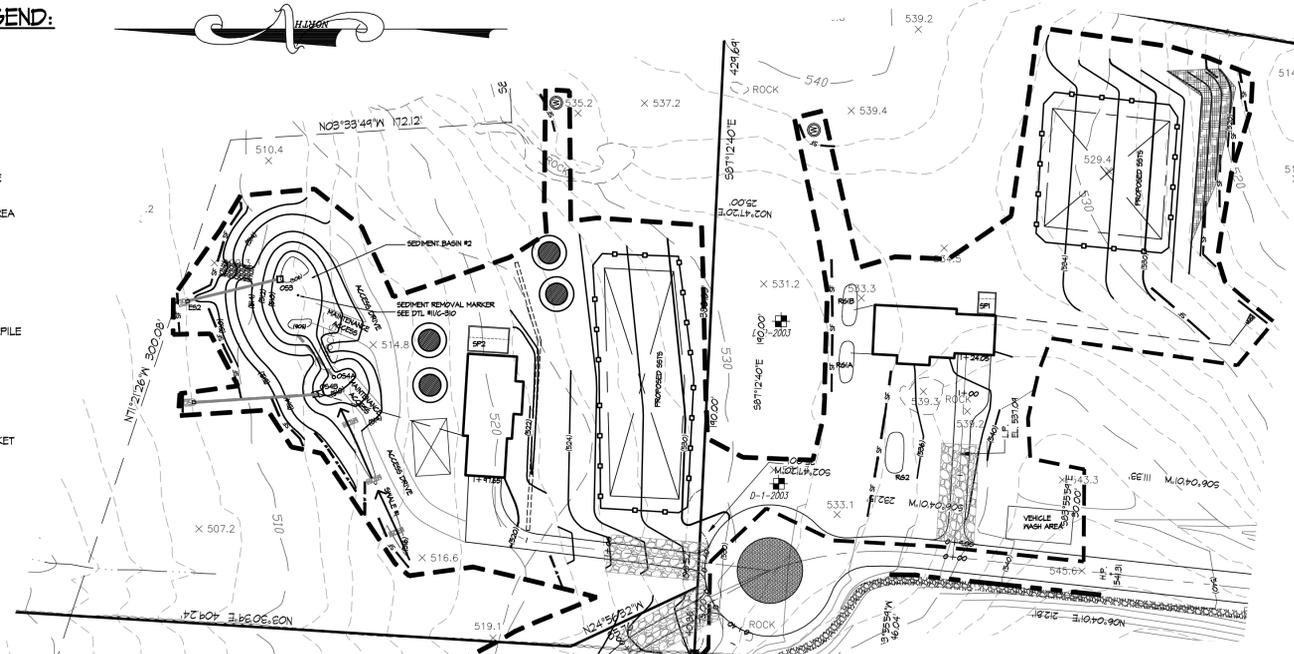


EROSION CONTROL LEGEND:

- EXISTING DRAINAGE PIPE
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - STABILIZED CONSTRUCTION ENTRANCE
 - TEMPORARY STAGING AREA
 - LIMITS OF DISTURBANCE
 - EARTH DIKE
 - TEMPORARY SOIL STOCKPILE
 - INLET PROTECTION
 - SILT FENCE
 - EROSION CONTROL BLANKET
 - CONSTRUCTION FENCE
 - CHECK DAM
 - TEMPORARY SWALE
- YD# PROPOSED YARD DRAIN
 OS# PROPOSED OUTLET STRUCTURE
 CB# PROPOSED CATCH BASIN
 ES# PROPOSED END SECTION
 SP# PROPOSED STORMWATER PLANTER
 RG# PROPOSED RAIN GARDEN
 SSTS PROPOSED SUBSURFACE TREATMENT SYSTEM



SEQUENCE OF CONSTRUCTION:

PHASE 2

DISTURBANCE AREA 4.89 AC.

CONSTRUCTION OF EACH LOT MAY BEGIN SIMULTANEOUSLY OR SEPARATELY WITH OTHER LOTS. CONSTRUCTION SHALL FOLLOW STEPS LISTED BELOW.

1. SURVEY AND STAKE OUT PROPOSED HOUSES, DRIVEWAYS AND STORMWATER BMP LOCATIONS. ESTABLISH LIMITS OF DISTURBANCE AND MARK IN THE FIELD. INSTALL CONSTRUCTION FENCE ALONG PERIMETERS OF THE PROPOSED DISTURBANCE.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AT THE END OF EACH DRIVEWAY, AS SHOWN ON THE PLAN. VEHICLES SHALL BE INSPECTED AND CLEANED, IF REQUIRED, PRIOR TO ENTERING ONTO THE ROAD.
3. INSTALL SILT FENCE IMMEDIATELY DOWNGRADE OF AREAS OF PROPOSED DISTURBANCES AND WHERE INDICATED ON PLAN. ALL SILT FENCES TO BE INSTALLED PARALLEL TO CONTOURS.
4. INSTALL SAFETY ORANGE FENCE AROUND FUTURE LOCATION OF THE PROPOSED SSTS AND WHERE CONSTRUCTION NEAR WETLAND BUFFER IS EXPECTED, AS SHOWN ON THE PLAN.
5. CLEAR AND GRUB AREAS OF THE PROPOSED DISTURBANCE. STORE USABLE ORGANIC MATERIAL AT STOCKPILE AREAS AND PROVIDE PROTECTION PER DETAIL #3/G-310.
6. ROUGHLY GRADE ACCESS ROADS TO THE PROPOSED SEDIMENT BASINS.
7. EXCAVATE POCKET WETLANDS C#1 & C#2 ALONG WITH DETENTION PONDS DP1 AND DP2 TO ACT AS TEMPORARY SEDIMENT BASINS #2 & 3. EXCAVATE BASINS TO FINAL GRADES.
8. INSTALL OUTLET STRUCTURES OS3, OS4B, OS5 AND OS6B ALONG WITH DISCHARGE PIPES.
9. INSTALL TEMPORARY OUTLETS ON OS3 AND OS5. PLUG OUTLET PIPES FROM THESE STRUCTURES.
10. THE TEMPORARY SEDIMENT BASINS MUST BE STABILIZED WITHIN ONE (1) WEEK FOLLOWING THE EARTHWORK. NO FURTHER CONSTRUCTION IS ALLOWED BEFORE THE BASINS AND ALL DISTURBED AREAS ARE STABILIZED. ONCE THE TEMPORARY SEDIMENT BASINS ARE STABILIZED, PROCEED WITH WORK.
11. REMOVE DISCHARGE PIPE PLUGS IN THE TEMPORARY OUTLET STRUCTURES OS3 AND OS5.
12. EXCAVATE TEMPORARY SWALES AS SHOWN ON THE PLAN.
13. REMOVE ROCK ON LOT #1. FILL THE VOID WITH ON-SITE SOIL.
14. GRADE DRIVEWAYS AND INSTALL ITEM #4 BASE ON LOTS #1, 2 & 3. STABILIZE DISTURBED AREAS WITHIN ONE (1) WEEK FOLLOWING THE EARTHWORK.
15. CONSTRUCT HOUSES AND SSTS. DRILL WELLS. BRING PAVEMENT TO BINDER COURSE ELEVATION.
16. INSTALL FOOTINGS AND ROOF DRAIN DISCHARGE AND RIP-RAP OUTLET PROTECTIONS.
17. EXCAVATE TRENCH AND LAY ELECTRIC CABLE AND TELEPHONE CABLES. TRENCHES TO BE BACKFILLED IMMEDIATELY UPON COMPLETION OF INSTALLATION OF CABLES. EXPOSED SOIL TO BE STABILIZED IMMEDIATELY AFTER BACKFILL.
18. INSTALL TOP COURSE PAVEMENT TO THE DRIVEWAYS. COMPLETE GRADINGS AROUND THE HOUSES.
19. EXCAVATE FOR AND INSTALL RAIN GARDENS AND STORMWATER PLANTERS AS SHOWN ON PLAN AND DETAILS. CONSTRUCTION OF THESE FACILITIES IS NOT ALLOWED UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
20. CLEAN ACCUMULATED SEDIMENT IN THE SWALES. RESTORE GRADINGS AT TEMPORARY SWALE ON LOT #3 LOCATION AND UPGRADE TEMPORARY SWALE ON LOT #2 TO PERMANENT SWALE. INSTALL CHECK DAMS.
21. COMPLETE PLANTINGS AND STABILIZE PERMANENTLY ALL DISTURBED AREAS.
22. REMOVE ANY ACCUMULATED SEDIMENT FROM THE SEDIMENT BASINS. INSTALL OUTLET STRUCTURES OS4B AND OS6B. CREATE BERMS BETWEEN C#1 AND DP1 AND BETWEEN C#2 AND DP2. REMOVE TEMPORARY RISER PIPES ON OS3 AND OS5 AND INSTALL TRASH RACKS ON THESE OUTLETS. GRADE BOTTOMS OF C#1 AND C#2 AS SHOWN ON THE GRADING PLAN. PLANT WETLAND VEGETATION AS SHOWN ON DRAWING C-150.
23. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES TO INCLUDE SILT FENCE.

PHASE 2

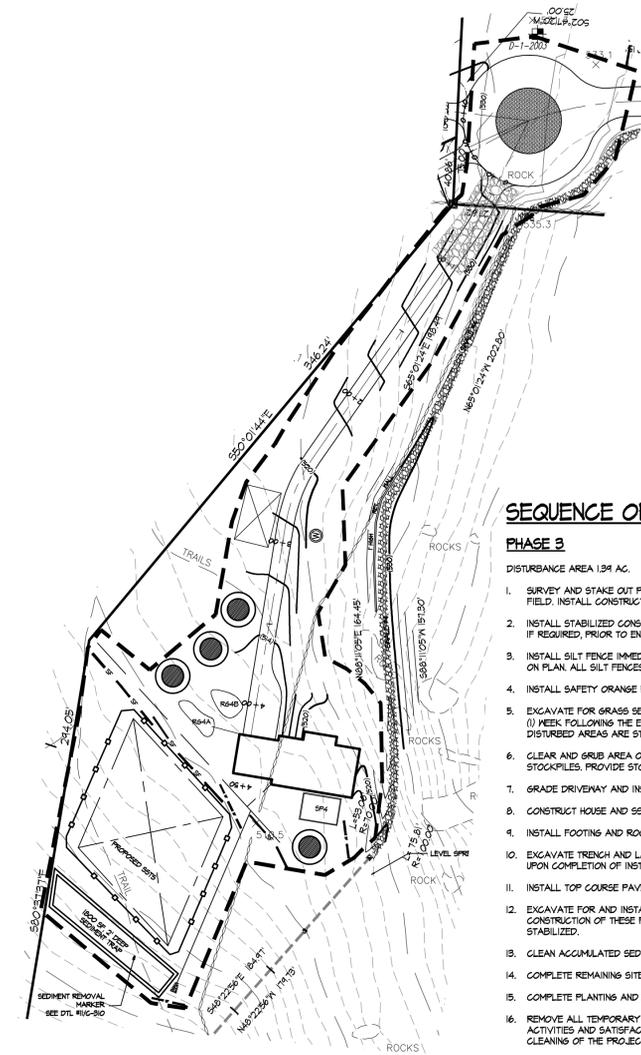
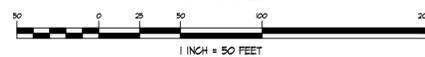
SCALE: 1"=50'

TEMPORARY SEDIMENT BASIN VOLUMES

1. SEDIMENT BASIN #2:
 CONTRIBUTING AREA- 2.66 AC
 REQUIRED VOLUME- 3600 CF PER ACRE X 2.56 ACRES = 4516 CF = 355 CUBIC YARDS
 VOLUME PROVIDED- 15361 CF = 516 C.Y.
 SEDIMENT REMOVAL ELEVATION- 512.18
2. SEDIMENT BASIN #3:
 CONTRIBUTING AREA- 3.0 AC
 REQUIRED VOLUME- 3600 CF PER ACRE X 3.0 ACRES = 10,800 CF = 400 CUBIC YARDS
 VOLUME PROVIDED- 19,907 CF = 131 C.Y.
 SEDIMENT REMOVAL ELEVATION- 413.17
3. SEDIMENT TRAP:
 CONTRIBUTING AREA- 0.15 AC
 REQUIRED VOLUME- 3600 CF PER ACRE X 0.15 ACRES = 2100 CF = 100 CUBIC YARDS
 VOLUME PROVIDED- 3600 CF = 100 C.Y.
 SEDIMENT REMOVAL ELEVATION- 442.00

EROSION & SEDIMENT CONTROL PLAN

GRAPHIC SCALE



SEQUENCE OF CONSTRUCTION:

PHASE 3

DISTURBANCE AREA 1.34 AC.

1. SURVEY AND STAKE OUT PROPOSED STRUCTURES LOCATIONS. ESTABLISH LIMITS OF DISTURBANCE AND MARK IN THE FIELD. INSTALL CONSTRUCTION FENCE ALONG PERIMETERS OF THE PROPOSED DISTURBANCE.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN. VEHICLES SHALL BE INSPECTED AND CLEANED IF REQUIRED, PRIOR TO ENTERING ONTO THE ROAD.
3. INSTALL SILT FENCE IMMEDIATELY DOWNGRADE OF AREAS OF PROPOSED DISTURBANCES AND WHERE INDICATED ON PLAN. ALL SILT FENCES TO BE INSTALLED PARALLEL TO CONTOURS.
4. INSTALL SAFETY ORANGE FENCE AROUND FUTURE LOCATION OF THE PROPOSED SSTS AS SHOWN ON THE PLAN.
5. EXCAVATE FOR GRASS SEDIMENT TRAP AS SHOWN ON THE PLAN. THE SEDIMENT TRAP MUST BE STABILIZED WITHIN ONE (1) WEEK FOLLOWING THE EARTHWORK. NO FURTHER CONSTRUCTION IS ALLOWED BEFORE THE TRAP AND ALL DISTURBED AREAS ARE STABILIZED. ONCE THE SEDIMENT TRAP IS STABILIZED, PROCEED WITH WORK.
6. CLEAR AND GRUB AREA OF THE PROPOSED DISTURBANCE. STRIP TOPSOIL, STORE USABLE ORGANIC MATERIAL AT STOCKPILES. PROVIDE STOCKPILE PROTECTION PER DETAIL #3/G-310.
7. GRADE DRIVEWAY AND INSTALL ITEM #4 BASE.
8. CONSTRUCT HOUSE AND SSTS. DRILL WELL.
9. INSTALL FOOTINGS AND ROOF DRAIN DISCHARGE.
10. EXCAVATE TRENCH AND LAY ELECTRIC, CABLE AND TELEPHONE CABLES. TRENCHES TO BE BACKFILLED IMMEDIATELY UPON COMPLETION OF INSTALLATION OF CABLES. EXPOSED SOIL TO BE STABILIZED IMMEDIATELY AFTER BACKFILL.
11. INSTALL TOP COURSE PAVEMENT TO THE DRIVEWAY. COMPLETE GRADINGS AROUND THE HOUSE.
12. EXCAVATE FOR AND INSTALL RAIN GARDENS AND STORMWATER PLANTER AS SHOWN ON PLAN AND DETAILS. CONSTRUCTION OF THESE FACILITIES IS NOT ALLOWED UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
13. CLEAN ACCUMULATED SEDIMENT IN THE SEDIMENT TRAP. RESTORE AREA TO FINAL GRADES.
14. COMPLETE REMAINING SITE WORK.
15. COMPLETE PLANTINGS AND STABILIZE PERMANENTLY ALL DISTURBED AREAS.
16. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES TO INCLUDE SILT FENCE. UPON COMPLETION OF ALL ABOVE ACTIVITIES AND SATISFACTORY ESTABLISHMENT ON ALL DISTURBED AREAS, CONTRACTOR TO PERFORM FINAL CLEANING OF THE PROJECT SITE.

CONSTRUCTION DRAWING NOTES:

1. THE ROAD AND DRAINAGE SPECIFICATIONS AND SPECIFICATIONS CONCERNING CONSTRUCTION OF DRIVEWAYS ABUTTING TOWN HIGHWAYS, ADOPTED BY THE TOWN OF SOUTHEAST NEW YORK, APPLY TO THE CONSTRUCTION OF ALL STREETS (ROADS), STORM DRAINAGE FACILITIES, BRIDGES, CULVERTS, DRIVEWAY ENTRANCES, SIDEWALKS AND MISCELLANEOUS APPURTENANCES THERETO, AND ALL SUCH CONSTRUCTION SHALL BE COMPLETED IN CONFORMANCE WITH THE REQUIREMENTS OF THESE SPECIFICATIONS.
2. NO CHANGES SHALL BE MADE IN ANY OF THE PROPOSED IMPROVEMENTS UNLESS SUCH CHANGES ARE AUTHORIZED IN WRITING BY THE SOUTHEAST PLANNING BOARD OR ITS DULY DESIGNATED REPRESENTATIVES.
3. ALL PROPOSED DRIVEWAYS MUST BE PAVED FROM THE EDGE OF THE STREET PAVEMENT BACK TO THE RIGHT-OF-WAY LINE OR TO THE HIGH POINT OF THE DRIVEWAY, WHICHEVER IS THE GREATER DISTANCE.
4. NO FOOTINGS, FOUNDATION, BASEMENT, YARD, AREA OR CURTAIN DRAINS OF ANY KIND SHALL DISCHARGE UPGRADIENT OF OR INTO A TOWN STREET OR A STREET PROPOSED TO BE DEDICATED TO THE TOWN AT A FUTURE DATE. ANY SUCH DRAINS LOCATED UPGRADIENT OF AN EXISTING OR FUTURE TOWN STREET SHALL BE CONNECTED INTO THE TOWN STORM DRAINAGE SYSTEM IN THE STREET, UNLESS OTHERWISE PERMITTED BY THE SUPERINTENDENT OF HIGHWAYS. THE LOCATION AND CONNECTION OF ANY SUCH DRAIN INTO THE STORM DRAINAGE SYSTEM IN THE STREET SHALL BE APPROVED AND INSPECTED BY THE SUPERINTENDENT OF HIGHWAYS.

SPECIAL NOTES:

1. PROPOSED GRADINGS CONTOURS SHOWN ON THE APPROVED SITE DEVELOPMENT PLAN DRAWINGS SHALL NOT BE CHANGED, AND SITE GRADINGS SHALL BE PERFORMED AS SHOWN BY SUCH CONTOURS, UNLESS WRITTEN PERMISSION IS OBTAINED TO CHANGE SUCH CONTOURS. FOR PUBLIC IMPROVEMENTS, SUCH WRITTEN PERMISSION MUST BE OBTAINED FROM THE PLANNING BOARD OR ITS DULY DESIGNATED REPRESENTATIVE. FOR NONPUBLIC IMPROVEMENTS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE BUILDING INSPECTOR OF THE TOWN OF SOUTHEAST.
2. PARTICULAR ATTENTION SHALL BE GIVEN TO COLLECTION AND CONVEYANCE OF ALL CONCENTRATED STREAMS OF WATER, INCLUDING BUT NOT LIMITED TO DISCHARGES FROM ROOF DRAINS, AREA DRAINS, YARD DRAINS, UNDER DRAINS (CURTAIN DRAINS, FOUNDATION DRAINS AND BASEMENT DRAINS) AND DRIVEWAY DRAINAGE SYSTEM TO APPROVED POINTS OF DISPOSAL. IN THE STREET DRAINAGE SYSTEM OR INTO EXISTING NATURAL STREAMS CAPABLE OF HANDLING THE INCREASED FLOWS FROM SUCH DRAINS.



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 PUTNAM ENGINEERING PLLC 2011

PURSUANT TO NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209 SUBDIVISION 2, "IT IS A VIOLATION OF THIS LAW FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ENGINEER IS ALTERED. THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	11/15/2011	P.B. SUBMISSION	4	1/22/12	P.B. SUBMISSION
2	12/15/2011	NYCDEP SUBMISSION			
3	01/25/2012	NYCDEP SUBMISSION			
4	01/30/2012	NYCDEP SUBMISSION			
5	05/02/2013	NYCDEP SUBMISSION			
6	05/21/2013	LANDS TO BE DEEDED TO AZZARETTI			
7	10/24/2013	NYCDEP SUBMISSION			
8	02/20/2014	REV. TO CONSTRUCTION DRAWINGS			

PROJECT
 SUBDIVISION PLANS PREPARED FOR:
BAKER FARM SUBDIVISION
 66 ENOCH CROSSBY ROAD
 TOWN OF SOUTHEAST
 PUTNAM COUNTY, NEW YORK
 TAX MAP 55, BLOCK 1, LOTS 5 & 9

DATE
 20 JULY 2011
 PROJECT MANAGER
 RLZ
 DESIGNED BY
 BJK
 CHECKED BY
 PML
 SCALE
 AS NOTED

DRAWING
**DESIGN DRAWING
 EROSION & SEDIMENT
 CONTROL PLAN**

PROJECT NUMBER
 010
 DRAWING NUMBER
C-131
 SHEET 4 OF 13