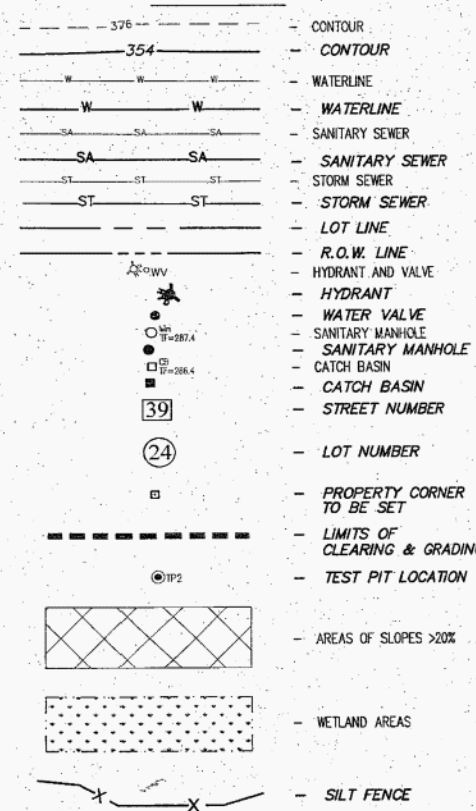


LEGEND



TEST PIT DATA:

TEST PIT #1	0-2.5 FT.	TOPSOIL
	2.5 FT.	WEATHERED SHALE
TEST PIT #2	0-2 FT.	TOPSOIL
	2 FT.	WEATHERED SHALE
TEST PIT #3	0-2 FT.	TOPSOIL
	2 FT.	WEATHERED SHALE

TEST PITS CONDUCTED ON SEPTEMBER 18, 2007

DRAINAGE STRUCTURE TABLE

STRUCT. #	RIM	INV. IN	INV. OUT	LENGTH (FT.)	SLOPE	PIPE
CB1	188.55	184.92	184.92	10'	1.00%	4" PVC (1)
CB2	188.50	184.92	184.92	10'	1.00%	4" PVC (1)
CB2A	191.51	187.93	186.63	61'	2.46%	4" PVC (2)
CB3	193.55	189.17	188.25	10'	1.00%	4" PVC (1)
CB4	193.42	189.43	188.15	30'	0.47%	12" CMP
CB5	198.64	190.69	189.59	116'	0.47%	15" HDPE
CB7	199.07	191.34	191.24	126'	0.37%	15" HDPE
CB9	196.36	192.06	191.81	30'	1.00%	12" CMP
CB10	196.36	192.06	191.81	30'	1.00%	6" PERF. CMP
CB11	185.05	177.75	177.45	93'	3.00%	24" HDPE
CB12	179.94	175.94	175.94	10'	0.00%	12" HDPE

DRAINAGE STRUCTURE DATA:

STRUCT. #	RIM	INV. IN	INV. OUT	LENGTH	SLOPE	SIZE/TYPE
ICS	188.00	183.49	183.39	40 LF	0.35%	10" HDPE
OCS	187.00	184.50	183.25	25'W X 1.80' H RECT. ORIFICE		
		183.25	178.50	8" ORIFICE INLET		
		178.50	178.70	8" BASIN DRAIN		
		178.70	178.00	24" HDPE OUTLET		
DMH3 (EXIST.)	177.59	170.67	170.14	93 LF	3.00%	24" HDPE

OWNER/APPLICANT/DEVELOPER:

ROSEWOOD HOME BUILDERS LLC
1202 TROY SCHENECTADY ROAD
LATHAM, N.Y. 12110

STANDARD NOTES:

- ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH TOWN STANDARD DETAILS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THESE MATERIALS FOR USE ON THE JOB.
- ELEVATIONS BASED ON USGS DATUM.
- PRIOR TO ANY WORK IN THE TOWN OF BETHLEHEM RIGHT OF WAY, THE CONTRACTOR SHALL OBTAIN A HIGHWAY WORK PERMIT FROM THE TOWN OF BETHLEHEM HIGHWAY DEPARTMENT.
- PRIOR TO ANY WORK ON SANITARY SEWER AND WATER, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE TOWN OF BETHLEHEM DEPARTMENT OF PUBLIC WORKS.
- UNLESS OTHERWISE NOTED, THE LOCATIONS AND FOOTPRINT CONFIGURATIONS OF PROPOSED DWELLINGS AND ASSOCIATED LOT GRADING AS SHOWN ON THIS PLAN ARE CONCEPTUAL AND ARE INCLUDED FOR MUNICIPAL REVIEW PURPOSES. ACTUAL BUILDING LOCATIONS AND CONFIGURATIONS AND RELATED SITE GRADING, MAY VARY FROM WHAT IS SHOWN. HOWEVER, ANY SUBSTANTIAL VARIATION FROM WHAT IS SHOWN ON ANY LOT, AS DETERMINED BY THE TOWN BUILDING INSPECTOR, SHALL BE SUBJECT TO FURTHER REVIEW BY THE TOWN DEPARTMENT OF PUBLIC WORKS (AND POSSIBLY OTHER TOWN ENTITIES) PRIOR TO THE ISSUANCE OF A BUILDING PERMIT FOR THAT LOT. HOWEVER, IN NO EVENT SHALL GRADING ACTIVITY EXTEND BEYOND THE LIMITS OF CLEARING AND GRADING WITHOUT PRIOR AUTHORIZATION FROM THE TOWN.
- ALL GRADING TO BE 3 HORIZONTAL TO 1 VERTICAL MAXIMUM SLOPE.
- THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVEGROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPE LINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 48 HOURS BEFORE YOU DIG, DRILL OR BLAST, CALL U.F.P.O. 1-800-962-7862.
- STREET R.O.W. MONUMENTS SHALL BE INSTALLED FOLLOWING COMPLETION OF HOME CONSTRUCTION AT POINTS DESIGNATED BY THE TOWN.
- NO SUMP PUMP, ROOF DRAIN, CELLAR DRAIN OR FOOTING DRAIN SHALL BE CONNECTED TO THE SANITARY SEWER SYSTEM.

WETLAND NOTES:

- FOR ALL LOTS THAT HAVE AREAS DESIGNATED AS FEDERALLY PROTECTED WETLANDS, THE TOWN HAS NO CONTROL, OVER AND ACCEPTS NO RESPONSIBILITY FOR FUTURE DRAINAGE PROBLEMS THAT COULD OCCUR IN THESE AREAS. THIS PERTAINS WHETHER SUCH PROBLEMS ARE A RESULT OF LEAVING THE AREAS AS THEY PREVIOUSLY EXIST OR A RESULT OF FUTURE LOT OWNERS FILLING IN AND AROUND THE AREAS WITHOUT REGARD FOR LOCAL DRAINAGE PATTERNS.
- FOR ALL LOTS HAVING PRESERVED FEDERAL WETLANDS, SUCH WETLANDS WILL BE SHOWN ON THE PLOT PLANS SUBMITTED TO THE TOWN BUILDING DEPARTMENT FOR A BUILDING PERMIT. THIS WETLAND INFORMATION CAN BE TAKEN DIRECTLY FROM THE PLAT OR FEDERAL WETLANDS MAP. SAID PLOT PLANS SHALL NOTE THAT FURTHER FILLING OF WETLANDS IS DEED RESTRICTED AND REQUIRES AUTHORIZATION FROM FEDERAL REGULATORY AUTHORITIES.
- WETLAND DELINEATION BOUNDARIES SHOWN HEREON ARE PER MAP REFERENCE AND AS PER MAP REFERENCE WERE DELINEATED IN THE FIELD AND VERIFIED BY NORTH COUNTRY ECOLOGICAL SERVICES. WETLAND AREA "C-77" DELINEATED IN THE FIELD BY NORTH COUNTRY ECOLOGICAL SERVICES ON APRIL 3, 2008.
- WETLAND "B" AND WETLAND "C" RESTRICTED FOR NO DISTURBANCE.

GRADING NOTES:

- CONTRACTOR MUST PROTECT ALL SURFACE WATERS FROM SILTATION DURING CONSTRUCTION WITH APPROPRIATE MEASURES INCLUDING, BUT NOT LIMITED TO, PLACING STRAW BALES AND SILTATION FENCING AROUND WORK. AS A MINIMUM, STRAW BALES AND SILTATION FENCING SHALL BE PLACED AS SHOWN ON THE EROSION CONTROL PLAN AND IN ALL DRAINAGE SWALES AT INTERVALS REQUIRED TO CONTROL SILTATION. RIP-RAP IS INSTALLED AFTER RIP-RAP IS INSTALLED, PROTECT RIP-RAP FROM SILTATION.
- MAXIMUM SLOPE SHALL BE 3 FEET HORIZONTAL TO ONE FOOT VERTICAL, UNLESS OTHERWISE NOTED AND APPROVED BY THE TOWN ENGINEER. MINIMUM SLOPE SHALL BE 2%.
- ALL REAR AND SIDE YARD SWALES SHALL BE CONSTRUCTED TO HAVE A MINIMUM SLOPE OF 2% AND SHALL BE DIRECTED TO DISCHARGE TOWARDS THE PROJECTS CLOSED DRAINAGE SYSTEM.
- THE CLEARING AND GRADING LIMIT LINE SHALL BE MARKED IN THE FIELD AND SILT FENCE INSTALLED PRIOR TO THE COMMENCEMENT OF CLEARING AND GRADING OPERATIONS.
- THE FIRST 13 FEET OF THE ACCESS DRIVEWAY OF THE DETENTION BASIN SHALL BE PAVED.
- BASEMENTS ARE PROPOSED AS SHOWN ON THIS PLAN.

TOWN OF BETHLEHEM SOILS NOTES:

THE STANDARD TOWN OF BETHLEHEM SOILS NOTES ARE NOT APPLICABLE TO THIS SUBDIVISION.

SOIL RESTORATION NOTES:

ALL DISTURBED LAWN AREAS OF THE SITE SHALL BE RESTORED AS FOLLOWS:

- BRING SUBSOIL TO FINAL GRADE MINUS 6 INCHES.
- APPLY 3 INCHES OF COMPOST OVER SUBSOIL.
- TILL COMPOST INTO SUBSOIL TO A DEPTH OF 12 INCHES CIRCULATING AIR AND COMPOST INTO THE SUBSOIL.
- ROCK-PICK ALL UPLIFTED STONE/ROCK MATERIALS OF 4 INCHES AND LARGER AND REMOVE FROM SITE.
- APPLY 6 INCHES OF TOPSOIL, SEED AND MULCH.
- RENEDIATED SOIL SHOULD ALLOW 12 INCHES OF PENETRATION OF A 3/8" DIAMETER ROD INTO THE SOIL BY USING ONLY BODY WEIGHT.
- APPLY FULL SOIL RESTORATION PER NYSDEC PUBLICATION ENTITLED "DEEP RIPPING AND DE-COMPACTION, DEC 2008".

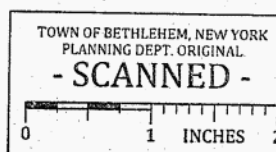
AREA OF DISTURBANCE:

4.7 ± ACRES

WETLAND DISTURBANCE:

0.0 ACRES

PLANNING BOARD TOWN OF BETHLEHEM



Town of Bethlehem Planning Board
By direction of the Chairman
these plans are hereby approved.
See first sheet for date & signature.

ALBANY COUNTY DEPT. OF HEALTH

ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES

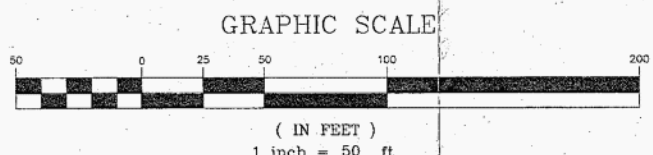
By direction of the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.

TRINITY MANOR SUBDIVISION
PHASE 5 - RESUBDIVISION 1
FINAL PLAT-GRADING PLAN
COUNTY OF ALBANY
STATE OF NEW YORK
DATE: NOVEMBER 2013

SHEET NO.
GRD
4 OF 8

Design of:
ADVANCE ENGINEERING & SURVEYING, PLLC
CONSULTING IN -
CIVIL & ENVIRONMENTAL ENGINEERING
LAND SURVEYING AND RESUBDIVISION
11 HERBERT DRIVE, LATHAM, N.Y. 12110
PHONE: (518) 698-3772
03-24-14
NICHOLAS COSTA, P.E.

NO.	REVISION	BY	APPROVED	DATE
A	ISSUED FOR REVIEW	JPP	NC	12/18/13
B	REVISED PER TOWN COMMENTS DATED 2/11/14	JPP	NC	3/21/14
C	REVISED PER TOWN COMMENTS DATED 5/6/14	JPP	NC	5/24/14
D	REVISED PER TOWN COMMENTS DATED 6/13/14	JPP	NC	7/24/14



SUB 261