

**LEGEND**

- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- BUILDING SETBACKS
- EXISTING WATER SERVICE
- PROPOSED WATER SERVICE
- PROPOSED STAKE
- PROPOSED CURBMAN DRAIN
- STONED CURBMAN DRAIN
- EXISTING WELL
- PROPOSED HOUSE
- PROPOSED D-BOX
- PROPOSED SEPTIC TANK
- PROPOSED PUMP CHAMBER
- PROP. ROOF DRAIN OUTLET
- PROP. FOOTING DRAIN OUTLET
- PROP. CURB BOX LOCATION
- REGULATION TEST HOLE
- DEEP SOIL TEST HOLE

**PLANS ARE INCOMPLETE AND INVALID UNLESS ACCOMPANIED BY ENTIRE SET (SHEETS 1-8)**

**NYSDEC FRESHWATER WETLAND BOUNDARY VALIDATION**

THE FRESHWATER WETLAND BOUNDARY AS REPRESENTED ON THESE PLANS ACCURATELY DEPICTS THE LIMITS OF FRESHWATER WETLAND AS DELINEATED BY DOUG GAUGLER ON \_\_\_\_\_ AS DELINEATED BY \_\_\_\_\_ SURVEYOR/ENGINEER WILLIAM J. MOREAU, P.E.  
DEC SHEET: \_\_\_\_\_  
DATE: \_\_\_\_\_

WETLAND BOUNDARY DELINEATION AS VALIDATED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMAINS VALID FOR 10 YEARS UNLESS EXISTING EXEMPT ACTIVITIES, AREA HYDROLOGY, OR LAND USE PRACTICES CHANGE (e.g. AGRICULTURAL TO RESIDENTIAL). AFTER 10 YEARS THE BOUNDARY MUST BE REVALIDATED BY DEC STAFF. ANY PROPOSED CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING OR OTHER REGULATED ACTIVITY IN THE FRESHWATER WETLAND OR WITHIN 100 FEET OF THE WETLAND BOUNDARY AS DEPICTED ON THIS PLAN REQUIRES A PERMIT FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION UNDER ARTICLE 249 OF THE ENVIRONMENTAL CONSERVATION LAW (FRESHWATER WETLANDS AND) FROM 10 COMMENCEMENT OF WORK.



- DRAINAGE NOTE:**  
1. ALL HIDE PIPE SHALL BE CASKETS TIGHTPIPE.
- WATERSHED NOTE:**  
1. THIS PROPERTY DOES NOT LIE WITHIN THE WATERSHED OF A PUBLIC WATER SUPPLY.
- WELL NOTE:**  
1. INDIVIDUAL WELLS ARE PROPOSED FOR EACH LOT.  
2. NO WELLS WITHIN 200' DOWNHILL OR 100' UPHILL OF PROPOSED SEPTIC SYSTEMS.
- SEWER NOTE:**  
INDIVIDUAL SEPTIC SYSTEMS

**EROSION CONTROL STANDARD NOTES**

1. EXCAVATION, FILLING, GRADING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MANNER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.
2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS FEASIBLE. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS SITE PREPARATION AND CONSTRUCTION PRIORITY THROUGHOUT THE CONSTRUCTION AT ANY GIVEN TIME.
3. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL CONDITION.
4. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SLOPE SHOULD BE RE-ESTABLISHED IN AREAS EXPOSED BY SITE PREPARATION. THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENT MAY RESULT.
5. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCRUSTING OR BLOCKING OR RESTRICTING WATERCOURSES.
6. ALL FILL MATERIAL SHALL BE COMPOSITION SUITABLE FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL, AND SOIL OR BRUSH COMPRESSED MATERIAL.
7. PROBLEMS OF EROSION AND SEDIMENT SHALL BE MINIMIZED BY PROPER SLOPES. IT SHALL BE COMPACTED TO A MINIMUM OF ONE HUNDRED PERCENT (100%) OF STANDARD PROCTOR TEST METHOD OR 95% MODIFIED PROCTOR TEST METHOD WITH PROPER MOISTURE CONTROL.
8. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.
9. PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH WILL MINIMIZE EROSION, SEDIMENT AND ADVERSE EFFECT ON NEIGHBORING PROPERTY OWNERS.
10. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
11. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATELY ANTICIPATED FLOWS, BOTH WITHIN THE SITE AND FROM THE ENTIRE UPSTREAM DRAINAGE BASIN.
12. SUFFICIENT GRASSES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE STANDING OF WATER, UNLESS SUCH STANDING BE SUBJECT TO WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.
13. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIVERSIONS AND SEDIMENT, DEBRIS AND RETURN BASINS.
14. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT AND TO ENSURE THAT THE FREE FLOW OF WATER IS NOT OBSTRUCTED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

**NOT FOR O.C.H.D. REVIEW OR APPROVAL**

**GENERAL ORANGE COUNTY DEPARTMENT OF HEALTH NOTES:**

1. INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD DOMESTIC PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.
2. ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON IN EFFECTIVE MEASURES AND NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
3. THE APPROVED PLANS MUST BE FILED WITH THE ORANGE COUNTY CLERK'S OFFICE PRIOR TO OFFERING LOTS FOR SALE AND WITHIN 90 DAYS OF THE LAST APPROVAL OF PLANS.
4. NO LOT IS TO BE FURTHER SUBDIVIDED WITHOUT ORANGE COUNTY DEPARTMENT OF HEALTH REVIEW AND APPROVAL.
5. THERE SHALL BE NO REGARDING, EXCEPT AS SHOWN ON THE APPROVED PLANS IN THE AREA OF THE ABSORPTION FIELDS.
6. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPARTMENT) SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL SEWAGE DISPOSAL FACILITIES AT THE TIME OF CONSTRUCTION. PRIOR TO THE OCCUPANCY OF THE DWELLING, THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS.
7. ALL WELLS AND SEPTIC SYSTEMS WITHIN 300' OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
8. SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.
9. DISTRIBUTION BOXES/ DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.

4. REVISED 10/03/11 PER O.C.H.D. COMMENTS DATED 02/26/11 & O.C.H.D.-WITNESSED SOIL TESTING 02/26/11 PER O.C.H.D. COMMENTS DATED 02/24/11.  
3. REVISED 04/26/11 PER O.C.H.D. COMMENTS DATED 02/24/11.  
1. REVISED 01/14/11 PER O.C.H.D. COMMENTS DATED 11/20/10

**WILLIAM J. MOREAU, P.E.**  
ENGINEER

**HAMMOND SUBDIVISION**  
13 LOT SUBDIVISION  
**OVERALL LAYOUT-1**  
MADRE DE CRISTO, S.B.L. 1-1-63-22  
TOWN OF NEWBURGH, ORANGE COUNTY, NY

DATE	07/31/10	SCALE	1"=60'	JOB NUMBER	10-033-JH4	SHEET NUMBER	3 OF 8
------	----------	-------	--------	------------	------------	--------------	--------