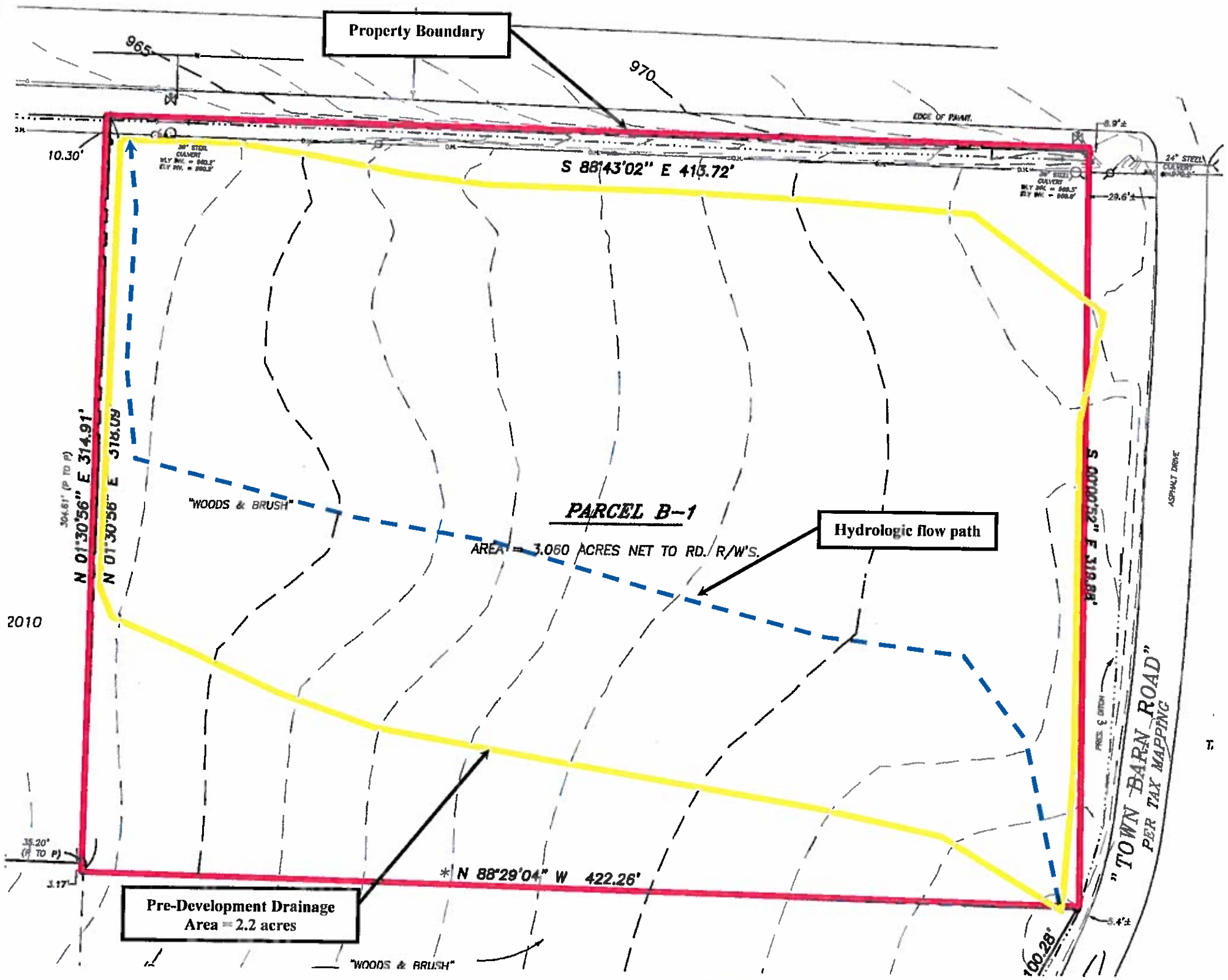


Notes:

1. The accompanying figure depicts the approximate pre-development drainage area of the subject property.
2. Base topography was provided by T.G. Miller, P.C. (Ithaca, NY).

Project No. 15065

No.	BY	DATE	DESCRIPTION

REVISIONS

WAYNE C. MATTESON, Jr. PE
Consulting Environmental Engineer
3893 Eatonbrook Road
Erieville, NY 13061
315-662-7146 Cell: 607-423-4321

WARNING: (PER SECTION 7209, SUBDIVISION 2, N.Y.S. EDUCATION LAW) IT IS A VIOLATION OF SAID LAW TO ALTER ANY PORTION OF THIS DOCUMENT IN ANY WAY, EXCEPT AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER. EACH ALTERATION MUST BE SPECIFICALLY DESCRIBED, DATED AND ACCOMPANIED BY THE SEAL AND SIGNATURE

STAMP:

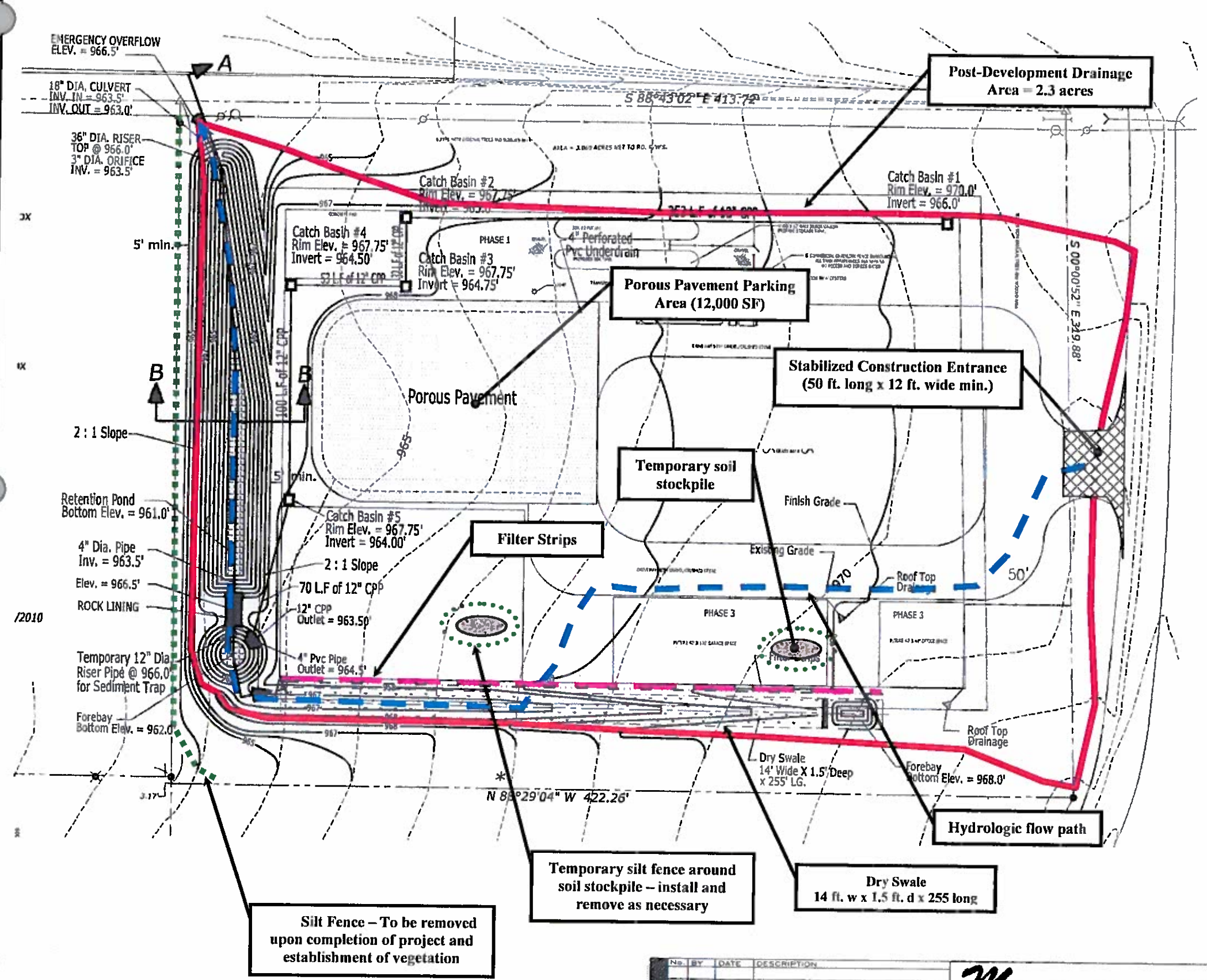
LICENSED PROFESSIONAL ENGINEER WAYNE C. MATTESON No. 68895 STATE OF NEW YORK

Client: Mirabito Energy Products
49 Court Street, Binghamton, NY 13902

Title: Pre-Development Drainage Map
Proposed Propane Storage Facility
Town of Lansing, Tompkins Co., NY

Date: 12/21/15

Scale: Approx. 1" = 50'



Notes:

1. The proposed project at the Mirabito Energy Products property involves the construction of a propane and petroleum bulk storage facility and associated buildings and infrastructure. The following sequence of operations is planned:
   - Construction STABILIZED CONSTRUCTION ENTRANCE
   - Place SILT FENCE in appropriate locations along west property boundary;
   - Clear and grade property;
   - Stockpile soil from in an appropriate location and provide each soil stockpile with temporary silt fence. Seed and mulch stockpiles unused for more than 14 days;
   - Construct forebay and retention pond. Use forebay as temporary sediment trap;
   - Construct building(s) and infrastructure;
   - Construct gravel and porous paved parking areas along with storm drainage catch basin system;
   - SITE RESTORATION - Regrade property as needed using stockpiled soil;
   - Seed and mulch property;
   - Construct DRY SWALE. Specific construction details pertaining to the DRY SWALE are included in the SWPPP (Appendix D).
   - Remove temporary controls when vegetation is established.
2. Installation of erosion and sediment control measures will be conducted by the owner.
3. Additional project details are found in the SWPPP and on the construction plans.

Project No. 15065

No.	BY	DATE	DESCRIPTION

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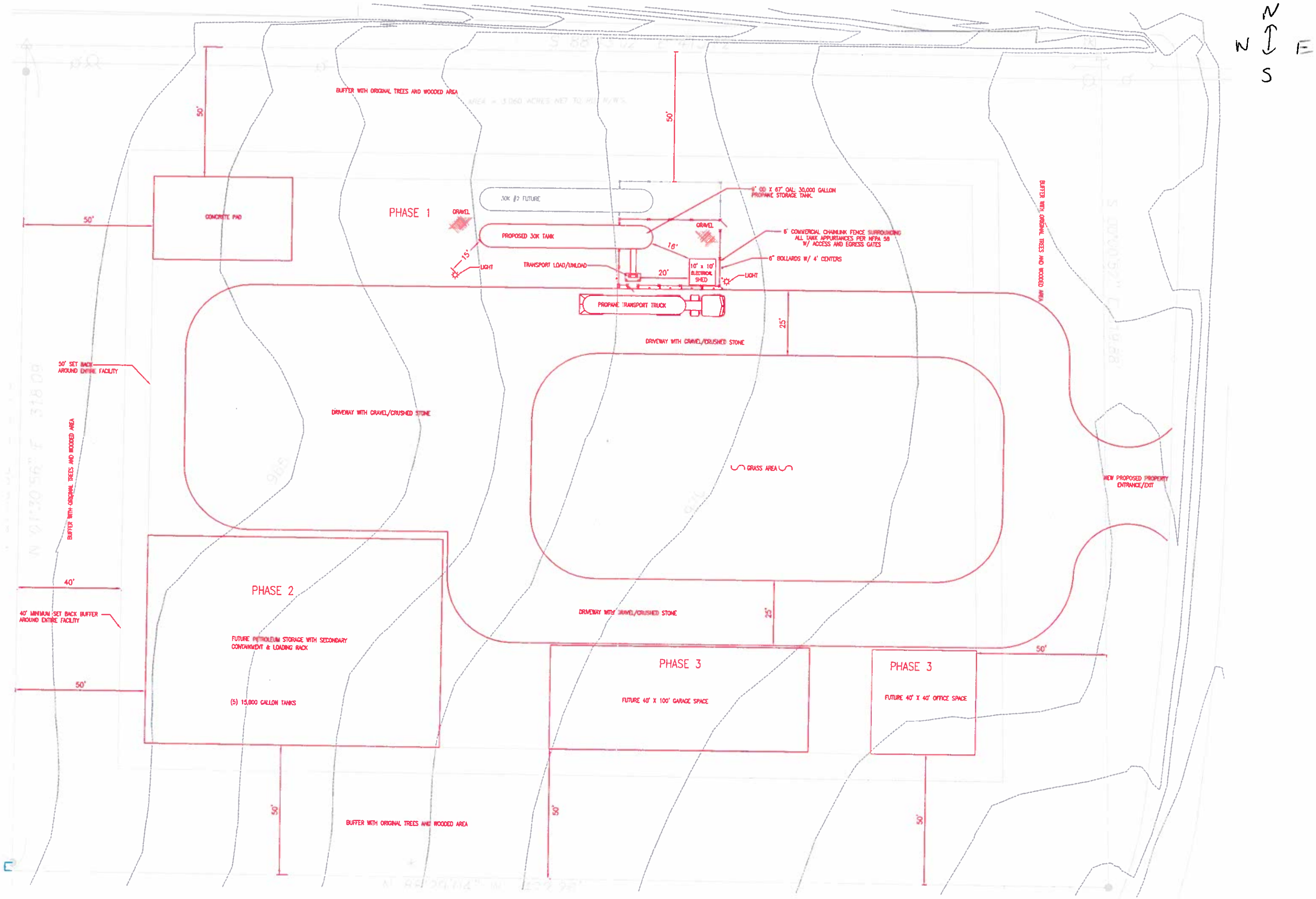
STAMP:

Client: Mirabito Energy Products
49 Court Street, Binghamton, NY 13902

Title: Post-Development Drainage Map
Proposed Propane Storage Facility
Town of Lansing, Tompkins Co., NY

Date: 12/21/15

Scale: Approx. 1" = 50'


N
S
E
BUFFER WITH ORIGINAL TREES AND WOODED AREA
50'
50'
50'
CONCRETE PAD
PHASE 1
30K #2 FUTURE
GRAVEL
PROPOSED 30K TANK
15'
LIGHT
TRANSPORT LOAD/UNLOAD
9' OD X 67' OAL 30,000 GALLON PROPANE STORAGE TANK
GRAVEL
16'
6' COMMERCIAL CHAINLINK FENCE SURROUNDING ALL TANK APPURTANCES PER NFPA 58 W/ ACCESS AND EGRESS GATES
6" BOLLARDS W/ 4' CENTERS
20'
10' x 10' ELECTRICAL SHED
LIGHT
PROPANE TRANSPORT TRUCK
25'
DRIVEWAY WITH GRAVEL/CRUSHED STONE
BUFFER WITH ORIGINAL TREES AND WOODED AREA
50' SET BACK AROUND ENTIRE FACILITY
DRIVEWAY WITH GRAVEL/CRUSHED STONE
GRASS AREA
NEW PROPOSED PROPERTY ENTRANCE/EXIT
BUFFER WITH ORIGINAL TREES AND WOODED AREA
40'
40' MINIMUM SET BACK BUFFER AROUND ENTIRE FACILITY
50'
PHASE 2
FUTURE PETROLEUM STORAGE WITH SECONDARY CONTAINMENT & LOADING RACK
(5) 15,000 GALLON TANKS
DRIVEWAY WITH GRAVEL/CRUSHED STONE
25'
50'
PHASE 3
FUTURE 40' X 100' GARAGE SPACE
PHASE 3
FUTURE 40' X 40' OFFICE SPACE
50'
50'
50'
BUFFER WITH ORIGINAL TREES AND WOODED AREA