

LEGEND

- PROPOSED CONTOURS
PROPOSED DRAINAGE SWALE
PROPOSED PROPERTY LINE
EXISTING PROPERTY LINE
BUILDING SETBACKS
FEDERAL WETLANDS
PROPOSED WELL
PROPOSED SEPTIC TANK
PROPOSED CLEANOUT
PROPOSED D-BOX
PROP. ROOF DRAIN OUTLET
PROP. FOOTING DRAIN OUTLET
EXISTING WELL
EXISTING HOUSE
PROPOSED HOUSE
PROPOSED EROSION CONTROL

NOTE:
STRAW BALES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION AND SHALL BE CHECKED AFTER EVERY RAIN STORM. STRAW BALES ARE TO BE REMOVED IMMEDIATELY DUE TO DAMAGE OR WHEN FILLED WITH SILT. SILT TO BE REMOVED IN FRONT OF BALES REGULARLY TO PREVENT CROSSING. BALES BEARING WEIGHT ON THE BALES.

STAKED STRAW BALE PLAN

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND MAINTAIN EROSION CONTROL MEASURES, STRAW BALES ARE TO BE USED FOR INITIALIZE EROSION CONTROL AROUND ALL AREAS THAT WILL BE DISRUPTED DURING CONSTRUCTION. STRAW BALES ARE TO BE MAINTAINED AND REMOVED AS REQUIRED BY THE ENGINEER AND WILL BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS RE-ESTABLISHED.

GRASS-LINED SWALE

NOTE:
ANGLE 1ST STAKE TOWARD PREVIOUSLY LAID BALE
WOOD STAKES TO BE 2"x2"x4" LONG
BALES TO BE SET 3' BELOW GRADE
2'-0"

CONSTRUCTION SPECIFICATIONS

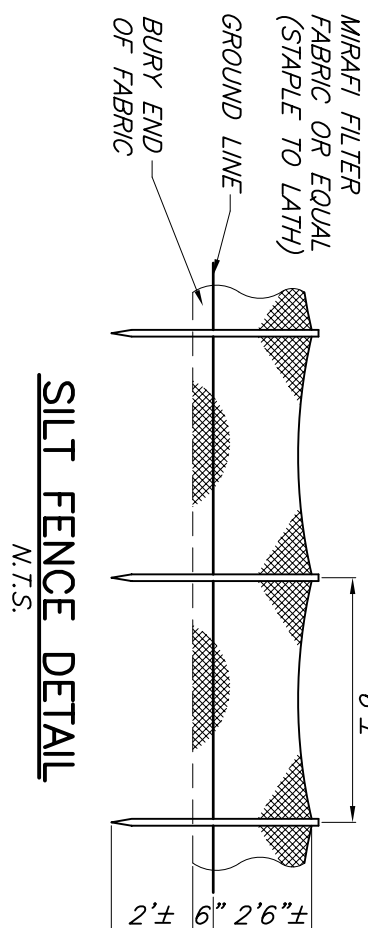
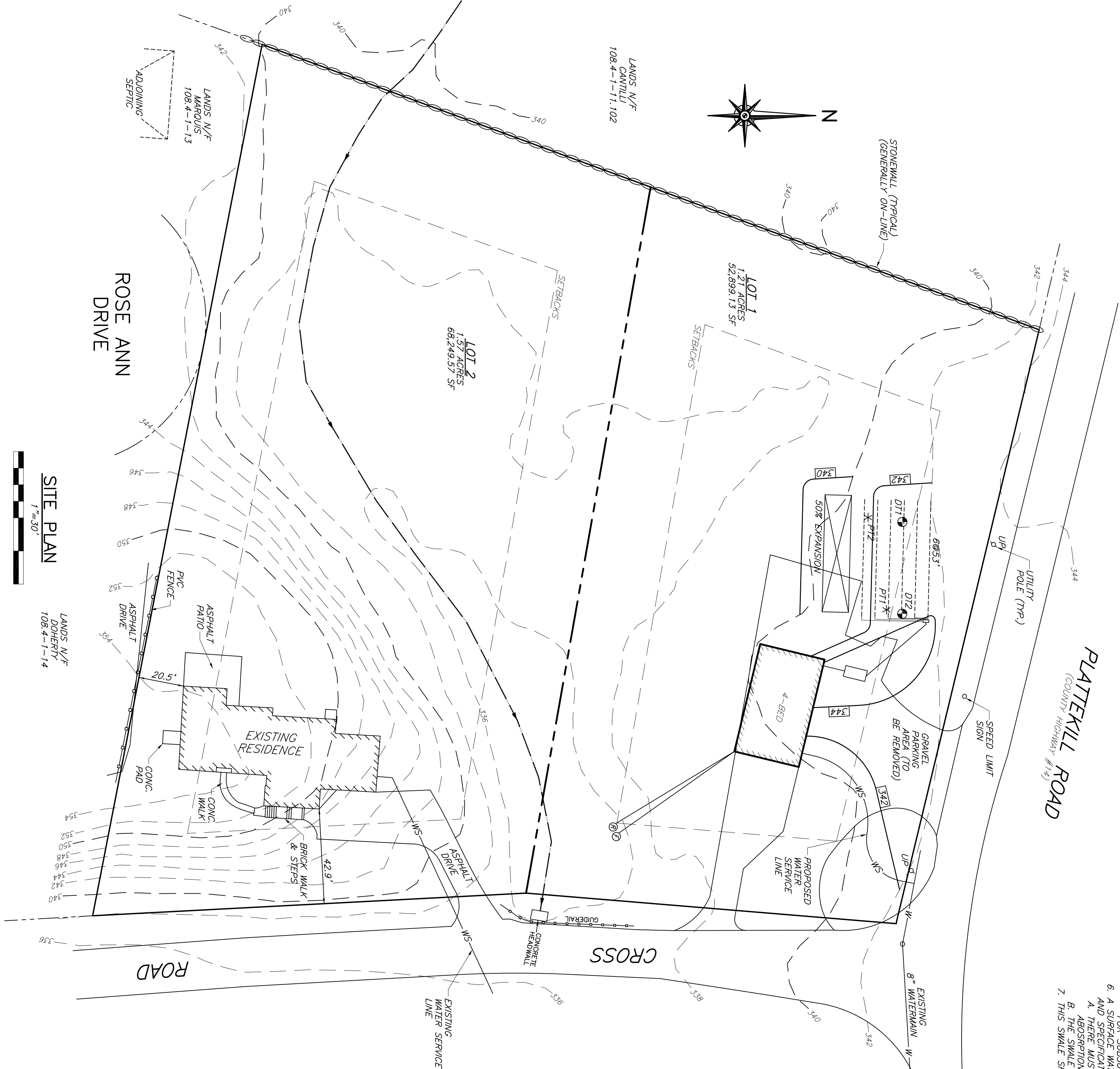
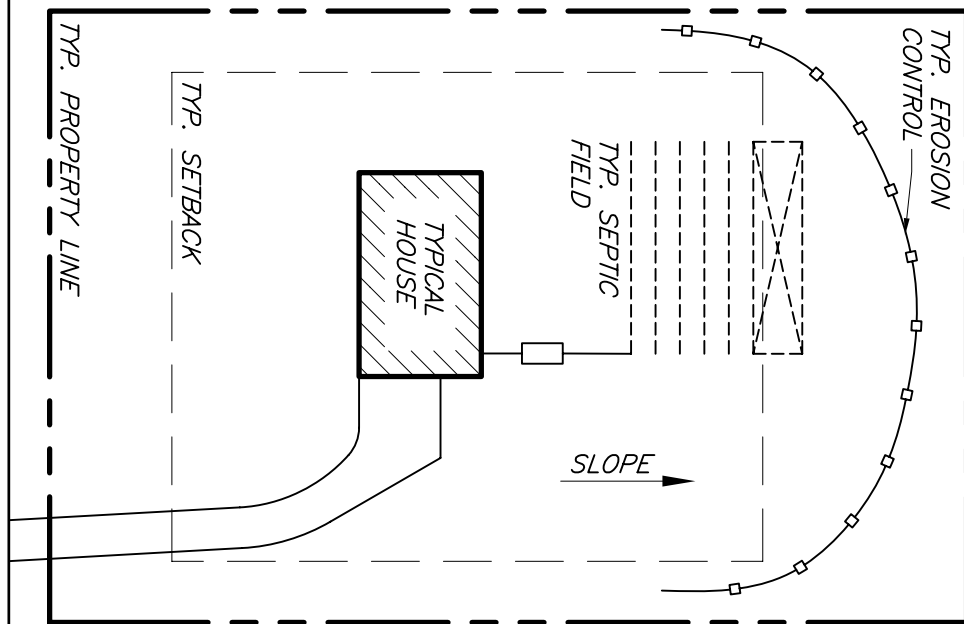
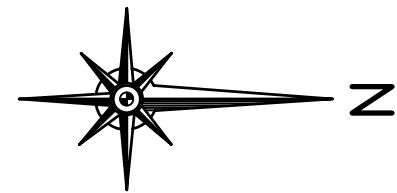
1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF, SO AS NOT TO INTERFERE WITH THE CONSTRUCTION OF THE PROJECT.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPED NORMAL FLOW.
3. RILES SHALL BE COMPACTED AS NEEDED TO PREVENT UNEQUAL SETTLEMENT THAT COULD CAUSE EROSION.
4. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
5. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARD SPECIFICATIONS FOR EROSION CONTROL.
6. A. MULCHING MAY BE USED FOR THE ESTABLISHMENT OF THE VEGETATION. IT IS RECOMMENDED THAT, WHEN CONDITIONS PERMIT, TEMPORARY BARRIERS OR WATER WEARS SHOULD BE USED TO PREVENT WATER FROM ENTERING OR WITHDRAWING FROM THE WATERWAY.
7. FOR DESIGN VELOCITIES OF MORE THAN 3.5 FT. PER SEC., THE WATERWAY SHALL BE STABILIZED WITH SOO, WITH SEEDING PROTECTED BY JUTE OR EXPOSURE MATTING OR WITH SEEDING AND MULCHING INCLUDING TEMPORARY STRIPING OF THE WATER PROTECTION.
8. SUBSURFACE DRAIN FOR BASE FLOW SHALL BE CONSTRUCTED AS SHOWN ON THE STANDARD DRAWING AND AS SPECIFIED IN THE STANDARD AND SPECIFICATIONS FOR SUBSURFACE DRAIN.
9. THERE MUST BE SUFFICIENT GRADE TO DRAIN ALL SURFACE WATER AWAY FROM THE WATERWAY AREA.
10. THIS SWALE MUST BE INSTALLED ABOVE THE ABSORPTION AREA ON ALL LOTS.

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 PROPERTY OWNERS AND THE GENERAL PUBLIC.
2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE SITE AND SHALL PRESERVE AS MANY NATURAL FEATURES AS FEASIBLE.
3. PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION.
4. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AND CONSTRUCTION.
5. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL RESTORATION OF THE EXPOSED AREAS.
6. 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 SHALL BE REGENERATED 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 SEDIMENTATION MAY RESULT.
7. PROTECTION OF THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR RESTRICTING WATERCOURSES.
8. ALL FILL MATERIAL SHALL BE COMPOSITION SUITABLE FOR THE RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL, AND SOFT OR EASILY COMPRESSIBLE MATERIAL.
9. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS OF UNIFORM STRONGNESS, SHALL BE COMPACTED TO A MINIMUM OF 90% UNDISTURBED PERCENT (100%) OF STANDARD PROCTOR TEST METHOD OR 92% MODIFIED PROCTOR TEST METHOD WITH PROPER MOISTURE CONTROL.
10. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE SET AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.
11. PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH WILL MINIMIZE THE HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING PROPERTY OWNERS.
12. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED AND MAINTAINED AS MUCH AS POSSIBLE.
13. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE THE ENTIRE UPSTREAM DRAINAGE BASIN.
14. THE ENTIRE UPSTREAM DRAINAGE BASIN SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS NECESSARY TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.
15. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENTATION, SUCH MEASURES AS BRUSH BARRIERS, EROSION CONTROL, AND SEDIMENTATION BASINS.
16. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND OBTAINED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

TYPICAL EROSION CONTROL DETAIL

NOTE:
1. STRAW BALES OR SILT ERUING ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION. EROSION CONTROL TO BE LOCATED ON THE DOWNHILL SIDE OF DISTURBED LAND. EROSION CONTROL LOCATIONS WILL VARY DEPENDING ON THE DIRECTION OF SLOPE FOR THE INDIVIDUAL LOTS. SEE DETAILS FOR INSTALLATION INSTRUCTIONS.



ENGINEER

THOMAS J. KORBAN, P.E.

LANDS OF BARGER PROPERTIES, LLC

2 LOT SUBDIVISION

LAYOUT PLAN

SBL: 108.4-1-12

TOWN OF MARLBORO, ULSTER CNTY.



DATE	SCALE	JOB NUMBER	SHEET NUMBER
12/16/2024	1" = 30'	24-039-B-PP	2 OF 3