

CIVIL PERMIT PLANS FOR MAPLE RIDGE RENEWABLES LLC

4.0 MW AC
LOCATED AT
Harris Road
Ellenburg, NY 12933
AUGUST 2025



APPLICANT/PROJECT OWNER

MAPLE RIDGE RENEWABLES, LLC
101 SUMMER STREET, 2ND FLOOR
BOSTON, MA 02110

CIVIL ENGINEER

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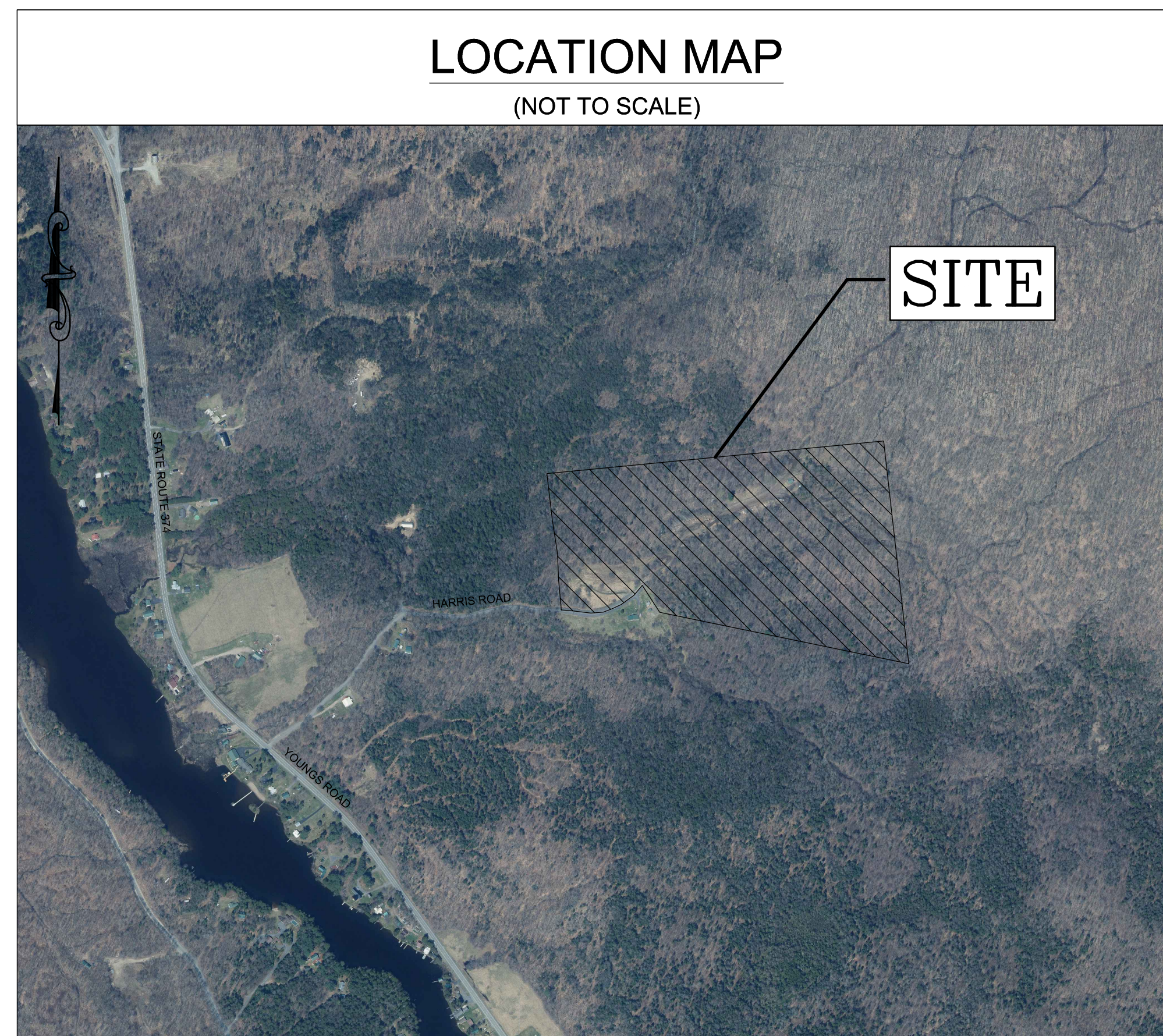
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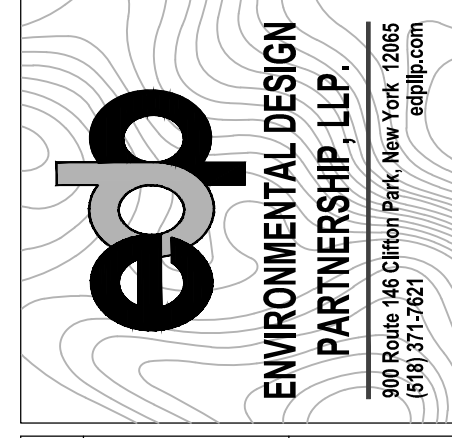
LOCATION MAP
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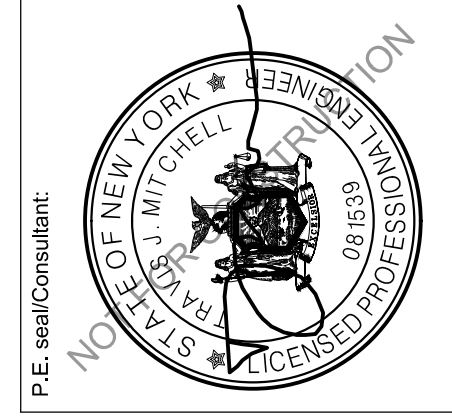
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| SITE INFORMATION |
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| <p>PARCEL ZONING RURAL USE (RU)</p> <p>PROJECT DESCRIPTION 4.0 MW AC FIXED TILT PANELS</p> |

| BENCHMARKS |
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| <p>BENCHMARKS: CONTROL TO BE SET BY EDPLLP</p> |



| Rev | Issued For | Date |
|-----|---------------------------|------------|
| A | PANEL LAYOUT | 8/12/2025 |
| B | PANEL LAYOUT REVISIONS | 10/2/2025 |
| C | INTERNAL REVISIONS | 10/23/2025 |
| D | EXTERNAL REVIEW REVISIONS | 1/12/2026 |
| E | EXTERNAL REVIEW REVISIONS | 1/20/2026 |



Project:
MAPLE RIDGE RENEWABLES LLC
HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title:
COVER SHEET

Scale: AS SHOWN
Approved by: TJM
Drawn by: BMW

Dwg No: **C-100** Size: D Sheet Rev: **E**

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GENERAL NOTES:

THE ENVIRONMENTAL DESIGN PARTNERSHIP IS NOT RESPONSIBLE FOR ANY CONSTRUCTION WORK PERFORMED PRIOR TO FINAL APPROVAL OF ALL PLANS AND SECURING OF ALL PERMITS AND FILING OF ALL MAPS.

CONTRACTOR TO ARRANGE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL DESIGN PARTNERSHIP AND MUNICIPALITY PRIOR TO CONSTRUCTION. FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP AND THE OWNER PRIOR TO CONSTRUCTION.

CONTRACTOR IS TO VERIFY THAT ALL NECESSARY WORK PERMITS AND EASEMENTS ARE IN PLACE PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL CONDUCT THEIR OPERATIONS AND TAKE ALL SPECIAL TEMPORARY AND PERMANENT PRECAUTIONS NECESSARY TO ENSURE A STABLE AND SECURE JOB.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY TOWN, COUNTY OR STATE HIGHWAY CUT PERMITS.

THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION AND BECOME FAMILIAR WITH THE CONDITIONS OF EACH PERMIT.

THE CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS, AND DRIVEWAYS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RIGHT-OF-WAY PROPERTY LINES PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES SUCH AS GAS, POWER, TELEPHONE, CABLE TV, WATER, SEWER, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION.

AS PER NYS INDUSTRIAL CODE 53: CONTRACTOR TO CALL DIG SAFELY NEW YORK, INC. AT 1-800-962-7962 TO LOCATE BURIED CABLES OR OTHER UNDERGROUND UTILITIES NO LESS THAN TWO OR MORE THAN TEN WORKING DAYS PRIOR TO DIGGING, DRILLING, EXCAVATING, DRIVING POSTS, ETC.

ANY EXISTING STORM SEWERS AND UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL HAVE THEIR EXACT LOCATION CHECKED AT THE SITE BEFORE CONSTRUCTION BEGINS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING PIPE INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES WHICH RESULT MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, GRADES, PIPE INVERTS AND ELEVATIONS AND REVIEW WITH CONSULTANT BEFORE CONSTRUCTION.

ALL EXCAVATION TO MEET OSHA AND NYS DOT SAFETY REGULATIONS AND STANDARDS.

THE CONTRACTOR SHALL FILL IN, AND RE-EXCAVATE, AS NECESSARY TO RESUME WORK. ANY EXCAVATIONS OR TRENCHES AT LOCATIONS AND AS OFTEN AS MAY BE REQUIRED TO ENSURE PROTECTION OF THE WORK, ANY ADJACENT EXISTING FACILITIES, OR THE PUBLIC.

THE CONTRACTOR SHALL CLEAN UP THE JOB SITE DAILY BEFORE LEAVING THE JOBSITE. ALL RUBBISH MUST BE CLEANED UP AND CONSTRUCTION EQUIPMENT MUST BE PROPERLY TAKEN CARE OF AND STORED AT THE END OF THE DAY.

CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND SAFETY DURING CONSTRUCTION. THE CONTRACTOR SHALL FURNISH ALL FLAGMEN AND SIGNS, DELINEATORS, BARRIERS, AND BARRIERS FOR TRAFFIC CONTROL DURING ANY EARTH-MOVING OPERATION OR OTHER CONSTRUCTION ACTIVITY WHICH INVOLVES PUBLIC HIGHWAYS.

ALL TRAFFIC SIGNS, CONTROL DEVICES AND INFORMATIONAL ITEMS, IF DISTURBED DURING CONSTRUCTION WITHIN CONTRACT LIMIT LINES, SHALL BE RELOCATED AS PER APPROVAL OF MUNICIPALITY.

TOWN OF LITCHFIELD APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES.

CONTRACTORS AND SUBCONTRACTORS SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.

IN NO CASE SHALL PARKING AREAS, LAYDOWN AREAS, CONSTRUCTION TRAILERS, AND PORTABLE TOILETS BE LOCATED WITHIN A WETLAND RESOURCE AREA AND/OR ANY BUFFER ZONES.

RESTORATION OF PAVEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPLACE AND RESTORE PAVEMENT WITH MATERIAL TO A CONDITION EQUAL TO OR BETTER THAN PRECONSTRUCTION CONDITIONS. ALL PAVEMENT AND RIGHT-OF-WAY RESTORATION WORK TO BE DONE TO THE SATISFACTION OF THE STATE, COUNTY OR LOCAL MUNICIPAL HIGHWAY DEPARTMENT.

CONTRACTOR SHALL RESTORE ALL LAWNS, DRIVEWAYS, WALKS, WALLS, CURBS, FENCES, ETC. TO A CONDITIONS AT LEAST AS GOOD AS THEY WERE BEFORE BEING DISTURBED.

BOX ALL TREES AND HOUSE ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. SHRUBS AND HEDGES THAT MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED OR REPLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

POSTS, MAILBOXES, ETC. SHALL BE PROTECTED, OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

IT MAY BE NECESSARY TO TIE OR HOLD BACK UTILITY POLES DURING CONSTRUCTION. THIS SHOULD BE ACCOMPLISHED IN COOPERATION WITH UTILITY COMPANIES.

NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE BOUNDARIES OF ANY EASEMENTS OR R.O.W. AS SHOWN.

CONTRACTOR TO COMPLY WITH ALL OSHA AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION (PROPER SHORING, ETC.).

ALL SITE WORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. WHERE ACCESS OR WORK OUTSIDE OF PROPERTY BOUNDARY IS NECESSARY, THE PERMISSION OF ADJOINING PROPERTY OWNER MUST FIRST BE OBTAINED.

ALL AREAS OF THE SITE WHICH ARE DISTURBED AND NOT PAVED SHALL BE TOPSOILED AND SEEDED.

THE INFORMATION REPRESENTED WITHIN THESE DOCUMENTS DOES NOT IMPLY ANY CONTRACT WITH, OR OBLIGATION FOR, PERFORMING ANY OR ALL TOWN, COUNTY, OR STATE REQUIRED INSPECTIONS DURING THE COURSE OF CONSTRUCTION OR PURSUANT TO OBTAINING CERTIFICATE OF OCCUPANCY. SUCH INSPECTION SERVICES, IF PERFORMED BY THIS OFFICE, SHALL BE ESTABLISHED BY SEPARATE CONTRACT.

IN THE EVENT THAT THE CONSTRUCTION STAKEOUT AND INSPECTION OF THE WORK IS NOT PERFORMED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP (EDP), EDP WILL NOT BE HELD RESPONSIBLE FOR ANY ERRORS, OMISSIONS, COSTS, EXPENSES OR LIABILITY OF WHATEVER KIND AND NATURE RESULTING FROM FIELD CHANGES AND/OR ERRORS WHICH EDP WOULD OTHERWISE HAVE HAD AN OPPORTUNITY TO CHECK AND CORRECT WERE THEY IN A POSITION TO CONTROL THE PROJECT THROUGH STAKEOUT AND INSPECTION.

CLAIMS MADE AGAINST CONSULTANT FOR SURVEY STAKEOUT ERRORS WILL BE HONORED ONLY IF CONSULTANT IS NOTIFIED FOR VERIFICATION OF THE ERROR IMMEDIATELY UPON DISCOVERY AND BEFORE ANY CONTROL STAKES ARE DISTURBED. IF, AFTER VERIFICATION, IT IS DETERMINED THAT NO STAKEOUT ERROR OCCURRED, THE CLIENT SHALL REIMBURSE THE CONSULTANT FOR ADDITIONAL EXPENSES INCURRED FOR SUCH VERIFICATION.

ALL ERRORS, OMISSIONS AND DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENVIRONMENTAL DESIGN PARTNERSHIP IMMEDIATELY UPON DISCOVERY. OTHERWISE, THE ENVIRONMENTAL DESIGN PARTNERSHIP WILL ACCEPT NO RESPONSIBILITY.

INSPECTION SERVICES BY THE ENVIRONMENTAL DESIGN PARTNERSHIP ARE NOT SUPERVISORY. ACCORDINGLY, THE ENVIRONMENTAL DESIGN PARTNERSHIP CAN NEITHER GUARANTEE THE PERFORMANCE OF THE CONSTRUCTION CONTRACTS BY CONTRACTORS NOR ASSUME RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO FURNISH AND PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

SOLAR PANEL, EQUIPMENT PAD, AND MV UNDERGROUND CABLE LAYOUT WERE PROVIDED BY OTHERS.

SOLAR PANEL, EQUIPMENT PAD, AND MV UNDERGROUND CABLE DESIGN, INCLUDING, BUT NOT LIMITED TO, SUBGRADE SUITABILITY, PREPARATION, REQUIRED TRENCHING, AND BEDDING TO BE DESIGNED BY OTHERS.

EROSION AND SEDIMENT CONTROL AND STABILIZATION MEASURES, MAINTENANCE AND INSPECTION PRACTICES:

1. THE FOLLOWING IS A LIST OF EROSION AND SEDIMENT CONTROLS TO BE USED ON THIS SITE DURING CONSTRUCTION:

- A. STABILIZATION PRACTICES FOR THIS SITE INCLUDE:
 - LAND CLEARING ACTIVITIES SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND SHALL PROGRESS AS EARTHWORK IS NEEDED
 - WATERING OF EXCAVATION AND FILL AREAS TO MINIMIZE WIND EROSION DURING CONSTRUCTION AS NEEDED.
 - USE OF STABILIZATION FABRIC FOR ALL SLOPES HAVING A SLOPE OF 1V:2H OR GREATER AND FILL SLOPES 1V:3H OR GREATER.
 - PERMANENT SEEDING AND PLANTING OF ALL UNPAVED AREAS USING THE HYDROMULCHING GRASS SEEDING TECHNIQUE.
- B. STRUCTURAL PRACTICES FOR THIS SITE INCLUDE:
 - PERIMETER PROTECTION USING COMPOST FILTER SOCKS
 - STABILIZED CONSTRUCTION EXIT POINTS
 - SEDIMENT TRAPS OR FILTER SOCKS
 - CHECK DAMS

2. THE FOLLOWING INSPECTION AND MAINTENANCE PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS AND STABILIZATION MEASURES.

- A. ALL CONTROL MEASURES WILL BE INSPECTED ONCE EVERY SEVEN (7) DAYS BY A QUALIFIED INSPECTOR AS DESCRIBED IN PART IV, SECTION C OF THE SPDES PERMIT FOR CONSTRUCTION ACTIVITY NO. GP-0-20-001. SITES THAT HAVE A WAIVER TO DISTURB GREATER THAN FIVE (5) ACRES REQUIRE (2) INSPECTIONS EVERY SEVEN (7) DAYS WITH AT LEAST TWO (2) DAYS BETWEEN INSPECTIONS.
- B. DISTURBED AREAS SHALL BE STABILIZED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES HAVE CONCLUDED IN AN AREA. ALL BARE AREAS AND AREAS SUBJECT TO EROSION SHALL BE BLANKETED OR SEEDED AND MULCHED WITHIN 14 DAYS WITH TEMPORARY EROSION CONTROL SEEDING
- C. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF REPAIRS ARE FOUND TO BE NECESSARY, THEY WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
- D. BUILT UP SEDIMENT WILL BE REMOVED FROM FILTER SOCKS WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE SOCK. AN ADDITIONAL FILTER SOCK MAY BE INSTALLED ON TOP OF THE ORIGINAL TO INCREASE SEDIMENT STORAGE CAPACITY/PREVENT SEDIMENT DISTURBANCE.
- E. FILTER SOCKS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, DISLODGE, BREAKS, TEARS, ETC. DAMAGED OR DISLODGED FILTER SOCKS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
- F. TEMPORARY AND PERMANENT SEEDING AND ALL OTHER STABILIZATION MEASURES WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- G. SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT. BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 50 PERCENT OF THE CAPACITY.
- H. CHECK DAMS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, WASHOUT, ETC. BUILT UP SEDIMENT WILL BE REMOVED FROM THE CHECK DAM WHEN IT REACHES ONE-THIRD OF THE HEIGHT OF THE CHECK DAM.
- I. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. COPIES OF THE REPORT FORMS TO BE COMPLETED BY THE INSPECTOR ARE INCLUDED IN THIS SWPPP. UPON COMPLETION, COPIES OF THE REPORTS SHALL BE SUBMITTED TO THE TOWN.
- J. THE JOB SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR SELECTING AND TRAINING THE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR THESE INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT INSPECTION AND MAINTENANCE REPORTS. ALL PERSONNEL PERFORMING INSPECTIONS MUST MEET THE REQUIREMENTS DESCRIBED IN PART IV, SECTION C OF THE SPDES PERMIT FOR CONSTRUCTION ACTIVITY NO. GP-0-20-001.
- K. PERSONNEL SELECTED FOR THE INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE APPROPRIATE INSTRUCTION FROM THE JOB SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS THAT ARE USED ONSITE IN GOOD WORKING ORDER. THEY WILL ALSO BE TRAINED IN THE COMPLETION OF, INITIATION OF ACTIONS REQUIRED BY, AND THE FILING OF THE INSPECTION FORMS. DOCUMENTATION OF THIS PERSONNEL TRAINING WILL BE KEPT ON SITE WITH THE SWPPP. ALL PERSONNEL PERFORMING INSPECTIONS MUST MEET THE REQUIREMENTS DESCRIBED IN PART IV, SECTION C OF THE SPDES PERMIT FOR CONSTRUCTION ACTIVITY NO. GP-0-20-001.
- L. DISTURBED AREAS AND MATERIAL STORAGE AREAS WILL BE INSPECTED FOR EVIDENCE OF OR POTENTIAL FOR POLLUTANTS ENTERING STORMWATER SYSTEMS.
- M. REPORT TO THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WITHIN 24 HOURS ANY NONCOMPLIANCE WITH THE SWPPP THAT WILL ENDANGER PUBLIC HEALTH OR THE ENVIRONMENT. FOLLOW UP WITH A WRITTEN REPORT WITHIN 5 DAYS OF THE NONCOMPLIANCE EVENT.
- N. NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. NO RE-FUELING SHALL BE OCCUR WITHIN 100 FEET OF ANY WETLAND RESOURCE AREA AND 200 FEET FROM RIVERFRONT. LEAKING EQUIPMENT OR SUPPLIES SHALL IMMEDIATELY BE REPAIRED OR EMOVED FROM THE SITE.
- O. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT DUST FROM FORMING.

ADDITIONAL EROSION CONTROL AND GRADING NOTES:

1. MINIMAL EROSION CONTROL DEVICES ARE ILLUSTRATED ON SITE PLAN IN A SCHEMATIC MANNER BASED ON NY STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL. IT WILL BE NECESSARY TO ADJUST THE ACTUAL LOCATION AND QUANTITY OF EROSION CONTROL DEVICES DEPENDING UPON FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE MEASURES AS REQUIRED TO PROTECT THE SITE.
2. SLOPES SHALL TYPICALLY BE GRADED AT A MAXIMUM OF 3:1 (3 HORIZ. 1 VERT.) WITHIN ALL CUT OR FILL AREAS, UNLESS OTHERWISE DESIGNATED ON PLANS.
3. TEMPORARY SEED SHALL BE A COMMERCIALY AVAILABLE MIXTURE OF PERENNIAL RYE AND UTILITY GRADE FESCUE. PERCENTAGE OF PERENNIAL RYE SHALL NOT EXCEED 50%. PERMANENT SEED SHALL BE AS SPECIFIED ON THE PLANTING PLANS.

4. SEEDED AREAS SHALL BE FULLY COVERED WITH A LEAN STRAW OR MULCH MATERIAL IF ORDERED BY THE ENGINEER OR MUNICIPALITY, A BIODEGRADABLE NETTING (E.G., EXCELSIOR BLANKET, COIR GEOTEXTILE) SHALL BE ANCHORED OVER SEEDED AREAS WHICH DEMONSTRATE "TRILLING" OR OTHER EROSION PROCESSES.

5. TOPSOIL AND SEED SHALL BE REAPPLIED TO ANY AREAS WHICH FAIL TO ESTABLISH AS A RESULT OF INITIAL APPLICATION.

6. FILTER SOCK BARRIERS SHALL BE PLACED WITHIN ALL AREAS OF EXPOSED SLOPES TO CONTROL SOIL EROSION DURING AND AFTER CONSTRUCTION.

7. EROSION CONTROL (ERO-MAT), GEOTEXTILE FABRIC, COMPOST BLANKET, RIPRAP OR APPROVED EQUAL, SHALL BE INSTALLED ON ALL 4H:1V SLOPES; AN ORGANIC FIBER PROTECTIVE MAT, HALF INCH LAYER OF CHOPPED STRAW, KNITTED INTO A RUGGED MAT WITH A THIN NETTING OF PHOTODEGRADABLE POLYPROPYLENE. SECURE MAT TO SLOPE WITH 6" STEEL U-SHAPED STAPLES, 2 STAPLES PER SQUARE YARD, OR AS PER MANUFACTURER'S INSTRUCTIONS.

8. PRIOR TO SEEDING, ACCESS AISLES, TEMPORARY STAGING AREAS, STORAGE, AND PARKING AREAS TO BE DECOMPACTED AND RELOADED.

9. SEDIMENT BARRIERS SHALL BE CONSTRUCTED AROUND ALL SOIL STOCKPILE AREAS.

10. STREAM REACHES ON-SITE AND DOWNSTREAM OF CONSTRUCTION SHALL NOT HAVE SUBSTANTIAL VISIBLE CONTRAST RELATIVE TO COLOR, TASTE, ODOR, TURBIDITY AND SEDIMENT DEPOSITION FROM THE REACHES UPSTREAM OF THE CONSTRUCTION ACTIVITY.

11. VEHICULAR ACCESS POINTS SHALL BE MONITORED AND INSPECTED AT THE SAME FREQUENCY AS EROSION CONTROL FEATURES TO INSURE THAT DEPOSITS OF SAND, SILT OR OTHER MATERIAL IS NOT BEING DEPOSITED ON PUBLIC ROADWAYS. IN THE EVENT ANY SIGNIFICANT DEPOSITS OCCUR THEY SHALL BE CLEANED UP IMMEDIATELY.

12. A SPDES PERMIT SHALL BE IN PLACE PRIOR TO COMMENCING ANY GROUND DISTURBANCE.

13. PROJECT DRAINAGE FEATURES TO BE CLEANED OUT AFTER COMPLETION OF CONSTRUCTION.

SEQUENCE OF CONSTRUCTION ACTIVITIES:

1. SITE TO BE MOBILIZED.
2. EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED IN CONJUNCTION WITH ANY BRUSH OR TREE CLEARING REQUIRED. NOTE: EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH SHEETS C-500, C-501, C-502, C-503, C-504, C-505, C-506, C-507 & C-508. ASSOCIATED DETAILS AS WELL AS NYS DEC CONSTRUCTION GENERAL PERMIT #GP-0-20-001. IN ANY INSTANCE THAT A CONFLICT BETWEEN THESE TWO GUIDELINES IS PRESENT, THE MORE CONSERVATIVE GUIDELINE TAKES PRECEDENT.
3. CLEARING AND GRUBBING OPERATIONS CREW SHALL CHIP AND MULCH DIRECTLY BEHIND OPERATION TO MAKE SURE NO AREAS ABOVE FIVE ACRES SHALL BE DISTURBED AT ANY TIME. NO MORE THAN FIVE ACRES SHALL BE DISTURBED AT ANY ONE TIME WITHOUT PRIOR APPROVAL FROM NYSDEC.
4. INSTALLATION OF ACCESS ROAD TO COMMENCE. NOTE: ANY AREAS OF DISTURBANCE SHALL BE STABILIZED WITH TEMPORARY SEEDING PER THE REQUIRED TIMELINES AS PER NYS DEC CONSTRUCTION GENERAL PERMIT #GP-0-20-001.
5. MV TRENCHES AND FOUNDATIONS INSTALLATION IN CONJUNCTION WITH THE PLACEMENT OF CONCRETE FOUNDATIONS FOR THE ELECTRICAL EQUIPMENT PADS TO COMMENCE.
6. WATERING OF THE EXCAVATION AND FILL AREAS SHALL BE DONE TO MINIMIZE WIND EROSION AS NEEDED THROUGHOUT CONSTRUCTION.
7. RACKING, TABLES, MODULES, INVERTERS AND ELECTRICAL EQUIPMENT INSTALLATION TO COMMENCE.
8. REMOVE LAYDOWN AREA, SPREAD GRAVEL ON ROADWAY, AND SEED AREAS.
9. FINAL SITE STABILIZATION TO COMMENCE.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE REMOVED ONCE 80% VEGETATIVE COVER HAS BEEN ACHIEVED. REMOVE FILTER SOCKS, STABILIZED CONSTRUCTION ENTRANCES, AND OTHER TEMPORARY EROSION AND SEDIMENT CONTROLS. ANY RESULTING AREAS OF DISTURBANCE FROM SAID REMOVAL TO BE SEEDED PRIOR TO DEMOBILIZATION.
11. SITE TO BE DEMOBILIZED.

PLANTING NOTES:

1. PLANTING CONTRACTOR SHALL VERIFY FINAL SELECTION OF PLANT MATERIALS WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. ALL AREAS OF SITE WHICH ARE DISTURBED AND NOT LANDSCAPED, SHALL BE TOPSOILED, SEEDED, AND MULCHED. MULCH - STRAW, HYDROSEED MIX, OR BIODEGRADABLE NETTING) MIXTURES TO BE APPLIED SHALL BE DETERMINED BY OWNER'S REPRESENTATIVES. TOPSOIL TO BE 4" MINIMUM.
3. EXISTING VEGETATION SHALL REMAIN UNDISTURBED WITHIN ALL AREAS OF SITE WHICH DO NOT REQUIRE GRADING.
4. ALL PLANTING BEDS TO RECEIVE 3" MINIMUM BARK MULCH WITH FILTER FABRIC WEED CONTROL OR EQUAL.
5. THE PLANTING PLAN IS FOR PLANTING PURPOSES ONLY. REFER TO SITE PLAN FOR DETAILED GRADING AND UTILITY INFORMATION.
6. GUARANTEE:
 - A. FOR A PERIOD OF TWELVE MONTHS FROM THE DATE THAT THE WORK UNDER CONTRACT IS CERTIFIED AS COMPLETE, THE CONTRACTOR SHALL:
 1. GUARANTEE ALL PLANTS AND SEEDED AREAS UNDER THIS CONTRACT;
 2. REMOVE AND REPLACE DURING THIS GUARANTEE PERIOD, PLANTS WHICH DIE OR ARE IN A BADLY IMPAIRED CONDITION;
 3. REPLANT WITH STOCK OF SAME SIZE AND QUALITY AS ORIGINALLY SPECIFIED;
 4. GUY AND MAINTAIN AS SPECIFIED HEREIN, AT NO ADDITIONAL COST.
 - B. REPLACEMENTS MADE WITHIN SIX MONTHS AFTER BEGINNING OF THE "GUARANTEE PERIOD" SHALL NOT EXTEND THE "GUARANTEE PERIOD" OF THESE PARTICULAR PLANTS; THOSE REPLACEMENTS MADE SIX MONTHS OR MORE AFTER THE BEGINNING OF THE "GUARANTEE PERIOD" SHALL BE MAINTAINED AND GUARANTEED FOR A PERIOD OF SIX MONTHS FROM THE TIME OF REPLACEMENT.

1. APPLICABLE STANDARDS: "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND "STANDARDIZED PLANT NAMES" BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE, ARE A PART OF THIS SPECIFICATION. ALL PLANTS SHALL BE NURSERY GROWN, NOT GATHERED IN THE FIELD.

PLANTING NOTE:

PLANTS LISTED IN THE PLANTING SCHEDULE CAN BE SUBSTITUTED FOR SIMILAR SPECIES OF THE SAME SIZE WITH THE APPROVAL OF THE OWNER AND/OR PROJECT LANDSCAPE ARCHITECT.

ABBREVIATIONS:

- ± PLUS/MINUS
- BC BOTTOM OF CURB
- BIRF BENT IRON ROD FOUND
- BLDG BUILDING
- BLDR BOULDER
- CB CATCH BASIN
- CBR CATCH BASIN- ROUND
- CIRF CAPPED IRON ROD FOUND
- CMF CONCRETE MONUMENT FOUND
- CMP CORRUGATED METAL PIPE
- CONC CONCRETE
- CP CONTROL POINT
- DIP DUCTILE IRON PIPE
- DWG DRAWING
- EHH ELECTRIC HANDHOLE
- EOB EDGE OF BRUSH
- EOW EDGE OF WOODS
- EX. EXISTING
- GV GAS VALVE
- HC HANDICAPPED
- HYD FIRE HYDRANT
- HDPE HIGH DENSITY POLYETHYLENE PIPE
- IRF IRON ROD FOUND
- LLC LIMITED LIABILITY CORPORATION
- LPLA LAMP POST
- MISC MISCELLANEOUS
- MH MANHOLE
- NAV NORTH AMERICAN VERTICAL DATUM
- NG NATIONAL GRID
- NM NIAGRA MOHAWK
- NYS NEW YORK STATE
- NYT NEW YORK TELEPHONE UTILITY POLE
- No. NUMBER
- OETL OVERHEAD ELECTRICAL TRANSMISSION LINE
- OHUL OVERHEAD UTILITY LINE
- PVC POLYVINYL CHLORIDE
- RCP REINFORCED CONCRETE PIPE
- R.O.W RIGHT OF WAY
- SAN SANITARY
- SF SQUARE FEET
- SS STREET SIGN
- STM STORM
- STS STOP SIGN
- TF TOP OF FRAME
- (TYP.) TYPICAL
- UGE UNDERGROUND ELECTRIC
- UP UTILITY POLE
- VZ VERIZON UTILITY POLE
- YD YARD DRAIN

EXISTING:

- 255--- MAJOR TOPOGRAPHIC CONTOUR
- 254--- MINOR TOPOGRAPHIC CONTOUR
- G — UNDERGROUND GAS LINE
- X — BARBED WIRE FENCE
- USACE WETLANDS
- BASELINE POINT
- INVERT=266.3 INVERT ELEVATION
- STREET OR SIGHT LIGHTING
- STORM / SANITARY MANHOLE
- SIGN
- TOP OF FRAME ELEVATION
- UTILITY POLE
- VERTICAL BENCHMARK
- HORIZONTAL CONTROL POINT
- CONIFEROUS TREE
- DECIDUOUS TREE
- TEST PIT LOCATION
- DENOTES COMMUNICATIONS PEDESTAL
- FIXED KNOT FENCE FENCE
- MEDIUM VOLTAGE TRENCH (BY OTHERS)
- UNDERGROUND ELECTRIC TRENCH (BY OTHERS)
- PROPOSED 12 IN COMPOST FILTER SOCK OR SILTE FENCE
- PROPOSED 12 IN COMPOST FILTER SOCK (OR EQUAL) CHECK DAM IN VEGETATED SWALE
- CONCRETE WASHOUT FACILITY
- DENOTES TREE CLEARING AND STUMP GRUBBING AREA
- DENOTES ITEMS TO BE REMOVED AND DISPOSED OF OFFSITE
- LIMIT OF DISTURBANCE
- SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS BY OTHERS FOR DETAILS)
- FILTER STRIP AREA

NEW:

- DETAIL NUMBER
- DETAIL REFERENCE
- SHEET NUMBER
- RIP-RAP OVERFLOW
- GRAVEL DIAPHRAGM
- SPOT ELEVATION
- GRASSED SWALE
- CONTOUR LINE
- SQUARE OR ROUND CATCH BASINS
- FLARED END SECTION WITH RIP-RAP OUTLET
- PARKING, TRAFFIC OR STORMWATER MANAGEMENT SIGN WITH LABEL
- PERMANENT OVERLAND FLOW DISPERSION DEVICE
- GRAVEL ACCESS ROAD
- USACE WETLAND AREAS
- APA WETLAND AREAS
- 100-FT WETLAND BUFFER AREAS
- EXISTING GRADE
- TEMPORARY EROSION CONTROL BLANKET (TO BE USED ON SLOPES GREATER THAN OR EQUAL TO 33%)
- MEDIUM VOLTAGE TRENCH (BY OTHERS)
- UNDERGROUND ELECTRIC TRENCH (BY OTHERS)
- PROPOSED 12 IN COMPOST FILTER SOCK OR SILTE FENCE
- PROPOSED 12 IN COMPOST FILTER SOCK (OR EQUAL) CHECK DAM IN VEGETATED SWALE
- CONCRETE WASHOUT FACILITY
- DENOTES TREE CLEARING AND STUMP GRUBBING AREA
- DENOTES ITEMS TO BE REMOVED AND DISPOSED OF OFFSITE
- LIMIT OF DISTURBANCE
- SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS BY OTHERS FOR DETAILS)
- FILTER STRIP AREA

EROSION AND SEDIMENT CONTROL AND STABILIZATION MEASURES, MAINTENANCE AND INSPECTION PRACTICES:

1. THE FOLLOWING IS A LIST OF EROSION AND SEDIMENT CONTROLS TO BE USED ON THIS SITE DURING CONSTRUCTION:

- A) STABILIZATION PRACTICES FOR THIS SITE INCLUDE:
 - LAND CLEARING ACTIVITIES SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND SHALL PROGRESS AS EARTHWORK IS NEEDED
 - FREQUENT WATERING OF EXCAVATION AND FILL AREAS TO MINIMIZE WIND EROSION DURING CONSTRUCTION.
 - USE OF STABILIZATION FABRIC FOR ALL SLOPES HAVING A SLOPE OF 1V:2H OR GREATER AND FILL SLOPES 1V:3H OR GREATER.
 - PERMANENT SEEDING AND PLANTING OF ALL UNPAVED AREAS USING THE HYDROMULCHING GRASS SEEDING TECHNIQUE.

SOIL RESTORATION:

AS PER CHAPTER 5 OF THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL, SOIL RESTORATION IS REQUIRED ON THIS SITE IN ALL NON-IMPERVIOUS AREAS ONCE FINAL SUBGRADE ELEVATION IS ACHIEVED. IN AREAS OF CUT OR FILL THE SOILS SHALL BE AERATED AND 6 INCHES OF TOPSOIL SHALL BE APPLIED IN HSG A & B SOILS, AND FULL SOIL RESTORATION PER "DEEP RIPPING AND DE-COMPACTION, DEC 2008" SHALL BE APPLIED IN HSG C & D AREAS. IN AREAS OF HEAVY CONSTRUCTION TRAFFIC (ESPECIALLY IN AREAS 5 TO 25 FEET FROM BUILDING, BUT NOT WITHIN 5 FEET OF FOUNDATION WALLS) THE FOLLOWING RESTORATION MUST BE APPLIED:

1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL.
2. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SOIL.
3. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4 INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
4. APPLY TOPSOIL TO A DEPTH OF 4 INCHES
5. VEGETATE AS REQUIRED BY APPROVED PLAN.

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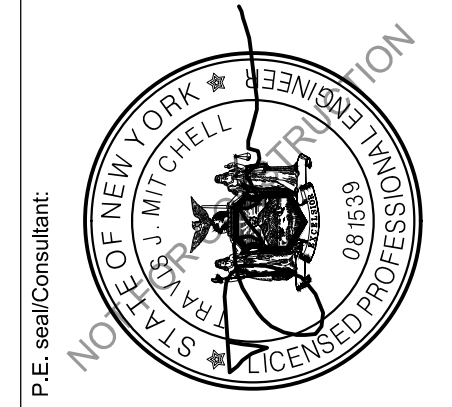
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| E | EXTERNAL REVIEW REVISIONS | 1/30/2026 |



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HARRIS ROAD
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COVER SHEET

Scale: AS SHOWN Approved by: TJM

Dwg No: **C-100** Size: D Sheet Rev: **C**

NOTES:
 TOPOGRAPHY AND BOUNDARY INFORMATION PROVIDED BY
 AUSFELD & WALDRUFF LAND SURVEYORS.
 WETLANDS SHOWN HEREON WERE DELINEATED AND MAPPED
 BY DELTA ENGINEERS, ARCHITECTS AND SURVEYORS.

EXISTING CONDITIONS
 LEGEND

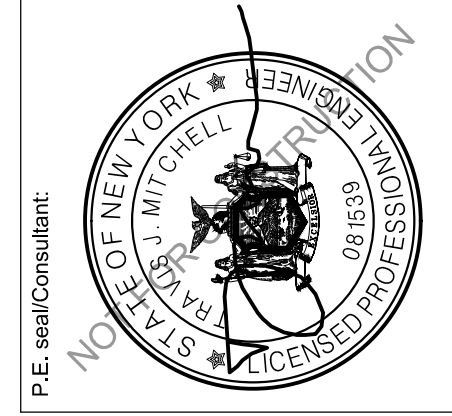
- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES EXISTING TREELINE



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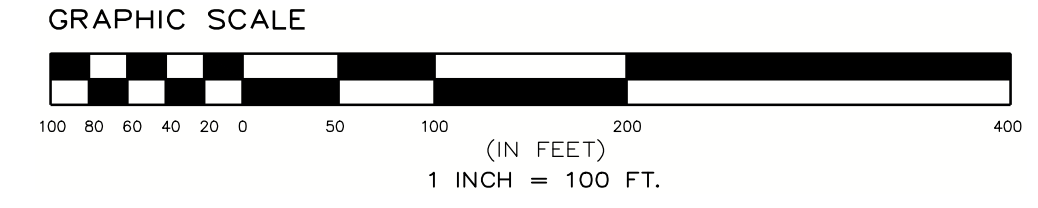
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| E | EXTERNAL REVIEW REVISIONS | 1/28/2026 |



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Project: **EXISTING CONDITIONS**
 Drawing Title: **EXISTING CONDITIONS**
 Drawn by: BMW Scale: AS SHOWN Approved by: TJM

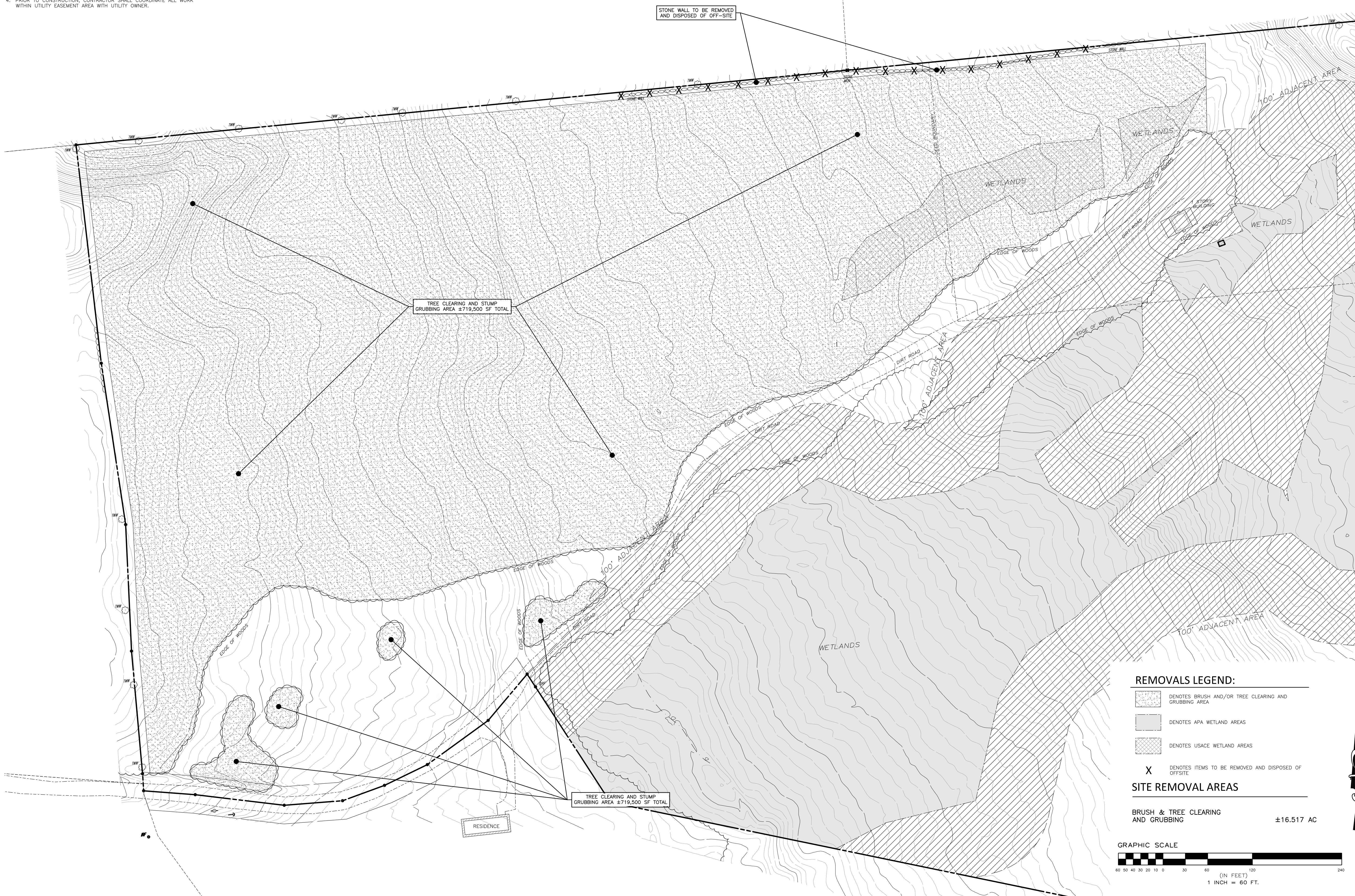
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REMOVALS NOTES:

1. RETURN ALL DISTURBED AREAS TO THEIR EXISTING COVER TYPES UPON CONSTRUCTION COMPLETION UNLESS OTHERWISE SPECIFIED.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ALL REMOVAL ACTIVITIES.
3. MAINTAIN EMERGENCY ACCESS TO SITE AT ALL TIMES.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL COORDINATE ALL WORK WITHIN UTILITY EASEMENT AREA WITH UTILITY OWNER.

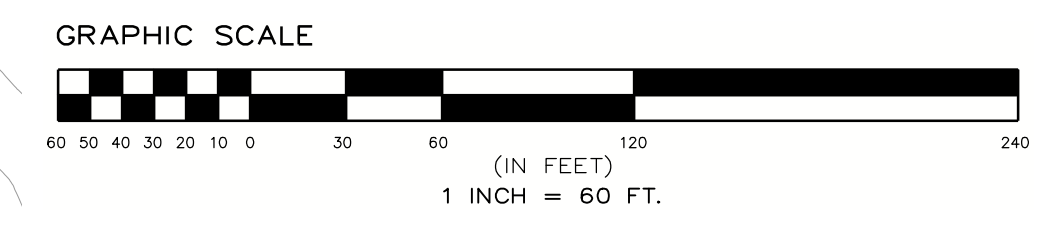


REMOVALS LEGEND:

- DENOTES BRUSH AND/OR TREE CLEARING AND GRUBBING AREA
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- X** DENOTES ITEMS TO BE REMOVED AND DISPOSED OF OFF-SITE

SITE REMOVAL AREAS

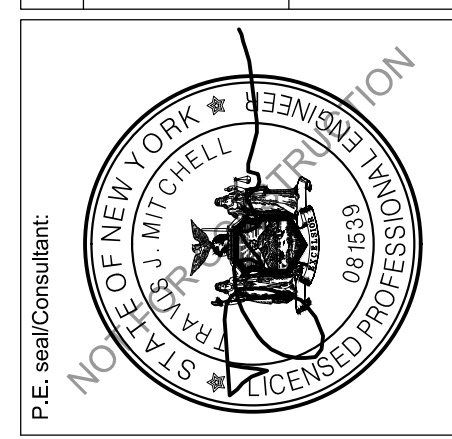
BRUSH & TREE CLEARING AND GRUBBING ±16.517 AC



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| E | EXTERNAL REVIEW REVISIONS | 1/20/2026 |



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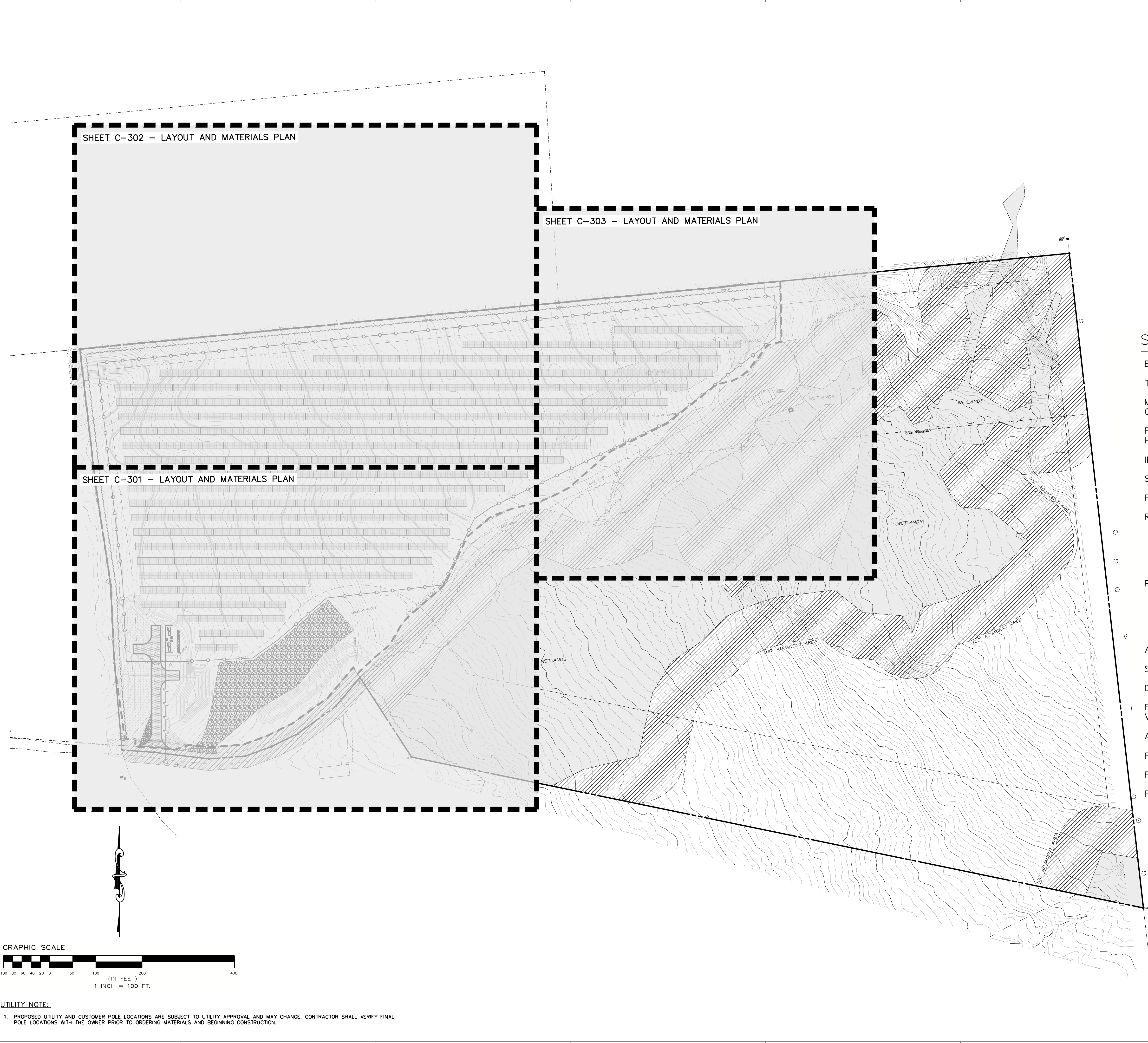
REMOVALS AND TREE CLEARING PLAN
 Drawing Title: _____
 Project: _____
 Drawing Title: _____
 Project: _____
 Drawn by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-201** Size: D Sheet Rev: **E**

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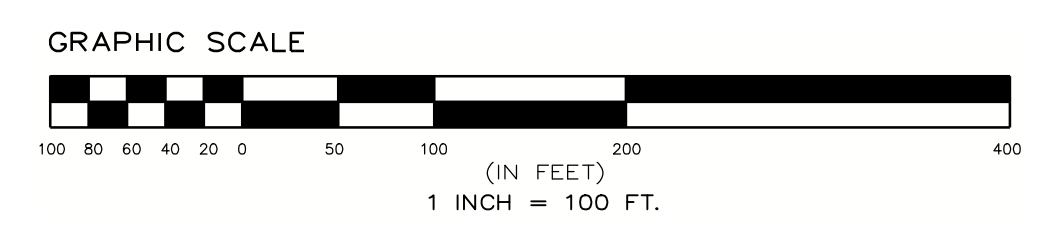


LAYOUT AND MATERIALS PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES 100-FT WETLAND BUFFER AREA
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3
C-601
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE 4
C-601
- DENOTES FIXED TILT SOLAR PANEL (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) 6
C-601
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE 8
C-601

SITE STATISTICS

| | |
|------------------------------------|---------------------------------------|
| EXISTING ZONING | RU (RURAL USE) |
| TOTAL PARCEL AREAS | 54.13± ACRES |
| MAX ALLOWED SOLAR COLLECTOR HEIGHT | 20 FT |
| PROPOSED SOLAR COLLECTOR HEIGHT | APPROX. 10.5 FT (VARIES WITH RACKING) |
| IMPERVIOUS AREA | 0.20± AC |
| SOLAR PANEL AREA | 5.47± AC |
| PROPOSED SOLAR PANEL HEIGHT | <20 FT |
| REQUIRED TOWN SOLAR PANEL SETBACKS | |
| FRONT YARD | 25 FT |
| SIDE YARD | 25 FT |
| REAR YARD | 25 FT |
| NEAREST RESIDENTIAL PROPERTY LINE | 200 FT |
| PROPOSED SOLAR PANEL SETBACK | |
| FRONT YARD | 50 FT |
| SIDE YARD | 50 FT |
| REAR YARD | >25 FT |
| NEAREST RESIDENTIAL PROPERTY LINE | 200 FT |
| ACCESS ROAD LENGTH | ±275 FT |
| SCHOOL DISTRICT | NORTHERN SCHOOL DISTRICT |
| DISTRICT | ADIRONDACK CENTRAL |
| FIRE DISTRICT | LYON MOUNTAIN DEPARTMENT |
| VOLUNTEER FIRE | |
| AGRICULTURAL DISTRICT | N/A |
| PROPOSED TREE CLEARING | ±16.52 AC |
| PROPOSED FENCED AREA | ±14.89 AC |
| PROPOSED LIMITS OF DISTURBANCE | ±19.40 AC |



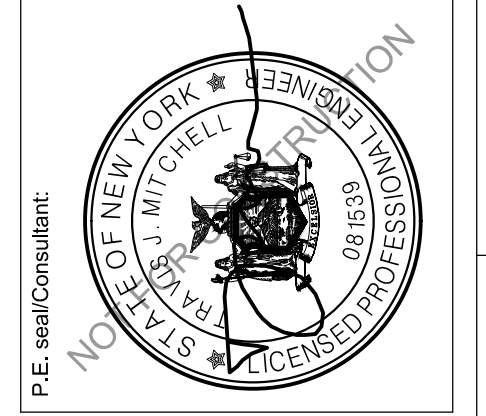
UTILITY NOTE:
1. PROPOSED UTILITY AND CUSTOMER POLE LOCATIONS ARE SUBJECT TO UTILITY APPROVAL AND MAY CHANGE. CONTRACTOR SHALL VERIFY FINAL POLE LOCATIONS WITH THE OWNER PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

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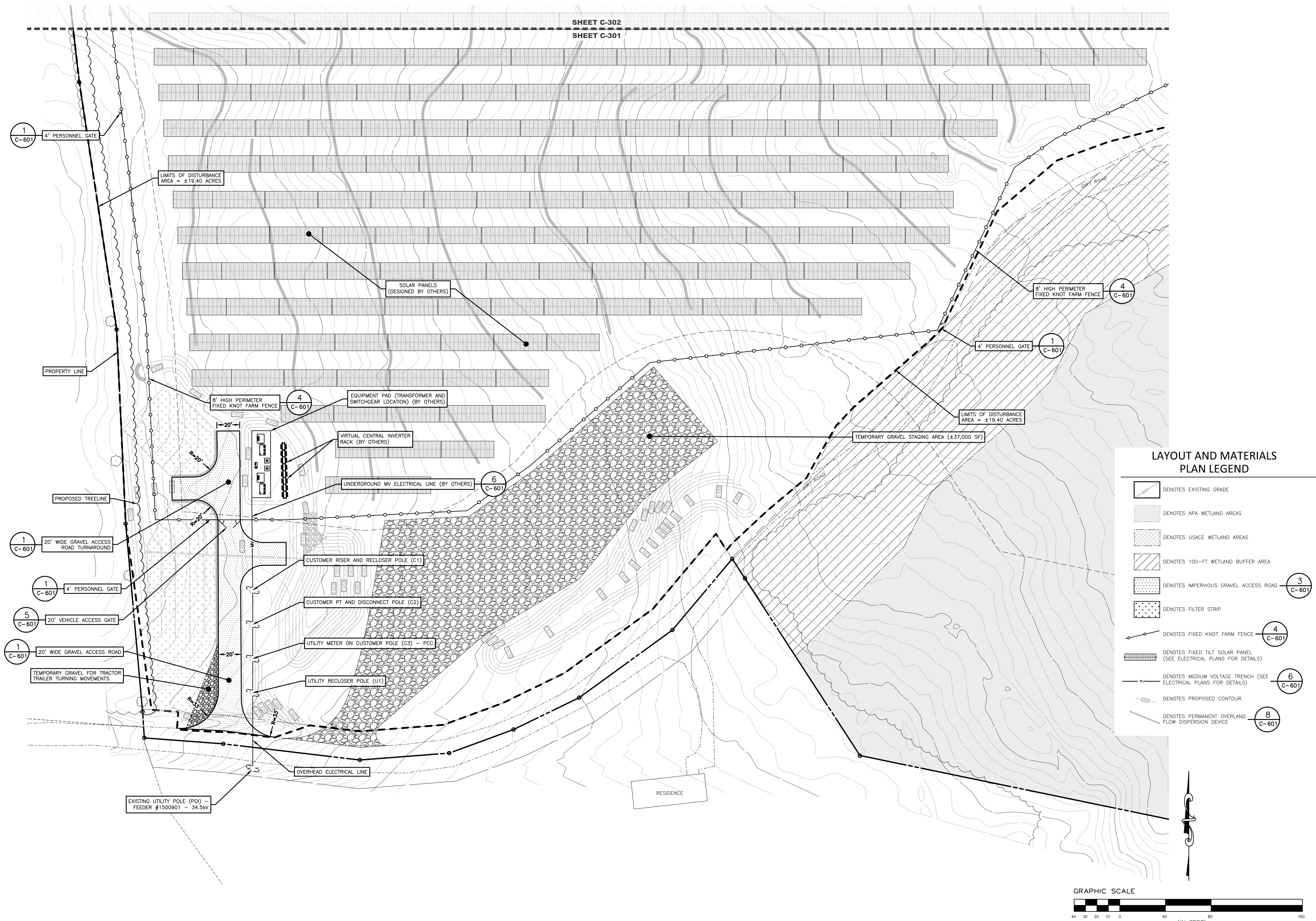


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Project: **OVERALL LAYOUT AND MATERIALS PLAN**
Drawing Title:
Drawn by: BMW Scale: AS SHOWN Approved by: TJM

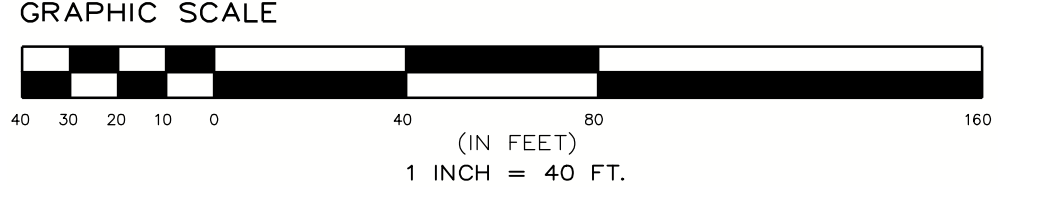
Dwg No: **C-300** Size: D Sheet Rev: **E**

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LAYOUT AND MATERIALS PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USAGE WETLAND AREAS
- DENOTES 100-FT WETLAND BUFFER AREA
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD **(3) C-601**
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE **(4) C-601**
- DENOTES FIXED TILT SOLAR PANEL (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) **(6) C-601**
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE **(8) C-601**



UTILITY NOTE:
1. PROPOSED UTILITY AND CUSTOMER POLE LOCATIONS ARE SUBJECT TO UTILITY APPROVAL AND MAY CHANGE. CONTRACTOR SHALL VERIFY FINAL POLE LOCATIONS WITH THE OWNER PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

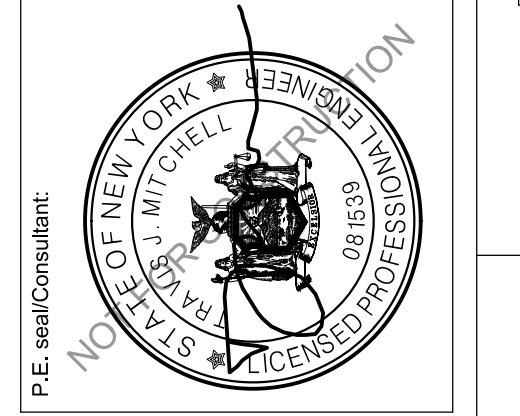
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LAYOUT AND MATERIALS PLAN

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Scale: AS SHOWN Approved by: TJM
Drawn by: BMW

Dwg No: **C-301** Size: D Sheet Rev: **E**

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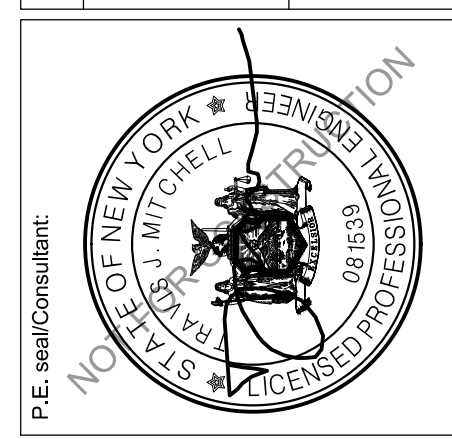
LAYOUT AND MATERIALS PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES 100-FT WETLAND BUFFER AREA
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3
C-601
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE 4
C-601
- DENOTES FIXED TILT SOLAR PANEL
(SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE
ELECTRICAL PLANS FOR DETAILS) 6
C-601
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND
FLOW DISPERSION DEVICE 8
C-601

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| E | EXTERNAL REVIEW REVISIONS | 1/20/2026 |



Project:

MAPLE RIDGE RENEWABLES LLC

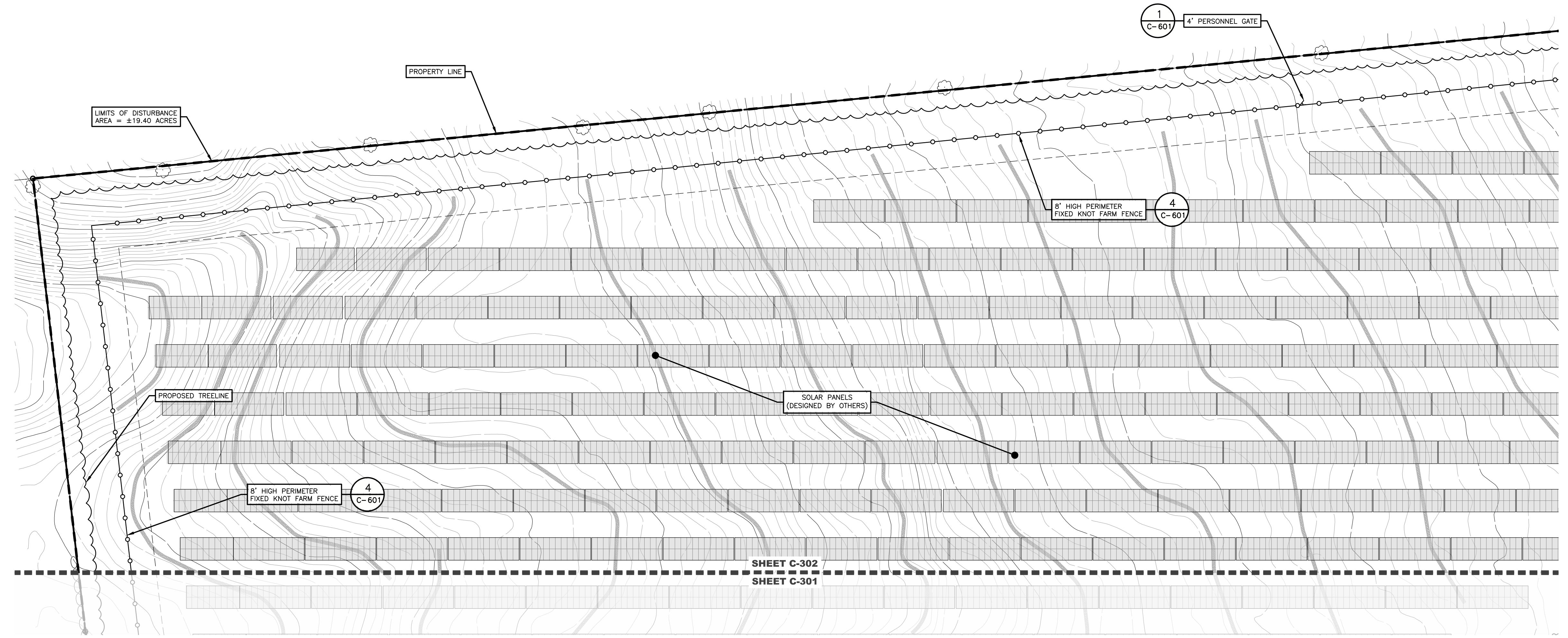
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Drawing Title:

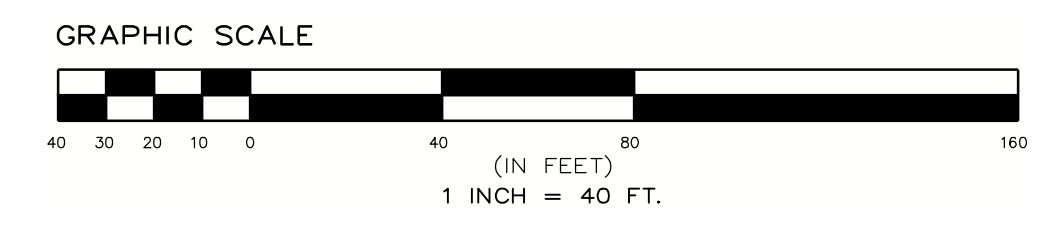
LAYOUT AND MATERIALS PLAN

Drawn by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-302** Size: D Sheet Rev: **E**



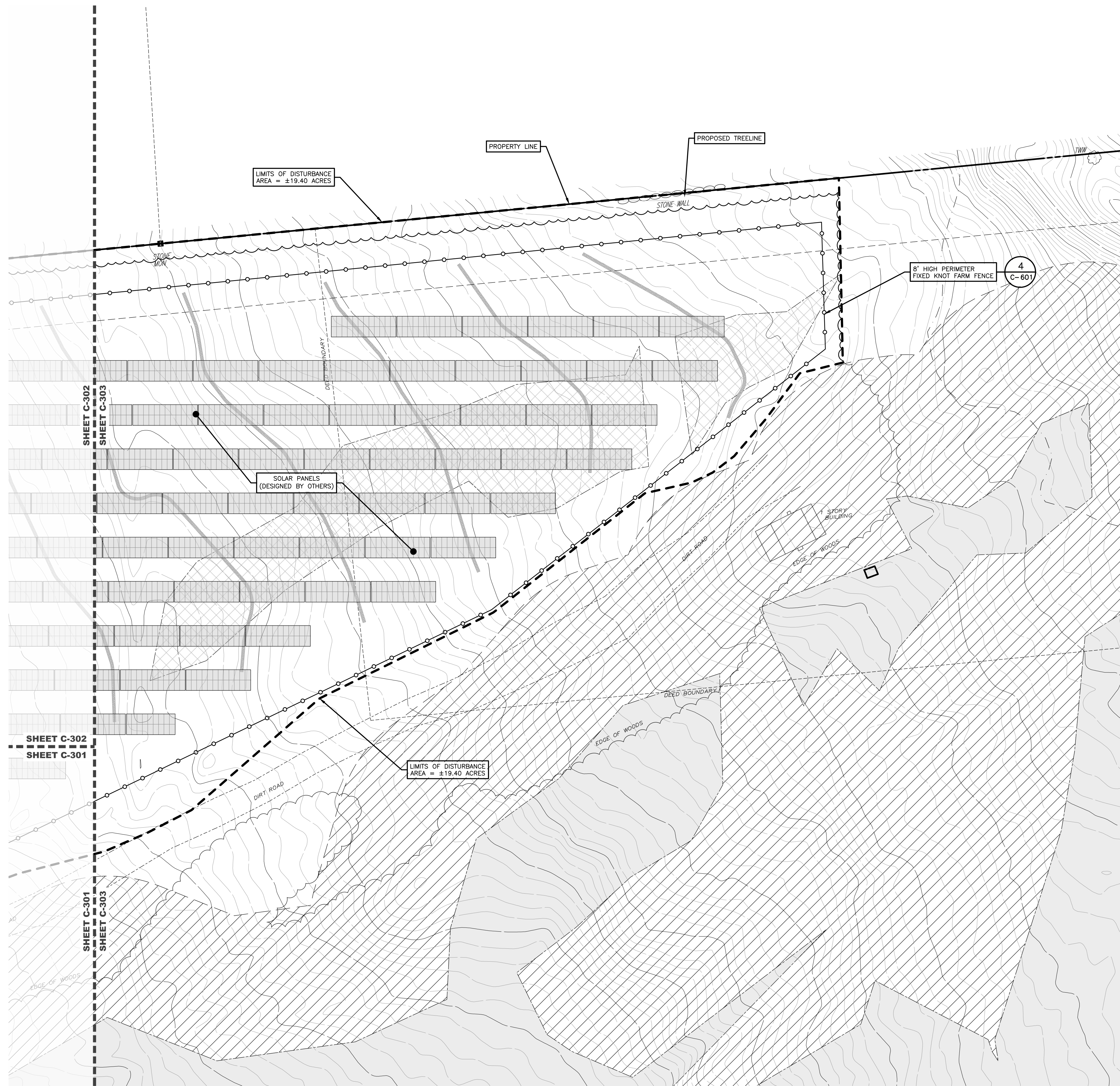
SHEET C-302
SHEET C-301



UTILITY NOTE:
1. PROPOSED UTILITY AND CUSTOMER POLE LOCATIONS ARE SUBJECT TO UTILITY APPROVAL AND MAY CHANGE. CONTRACTOR SHALL VERIFY FINAL POLE LOCATIONS WITH THE OWNER PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

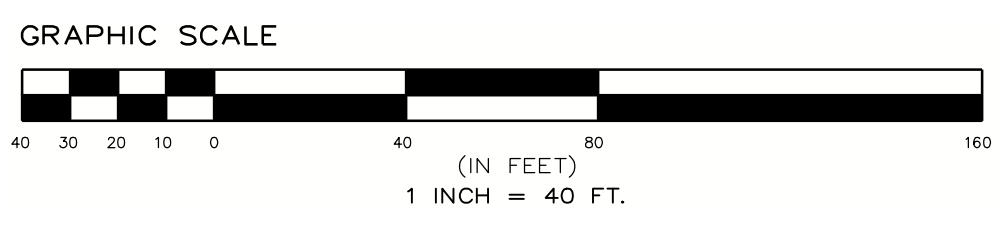
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LAYOUT AND MATERIALS PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES 100-FT WETLAND BUFFER AREA
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3
C-601
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE 4
C-601
- DENOTES FIXED TILT SOLAR PANEL (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) 6
C-601
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE 8
C-601

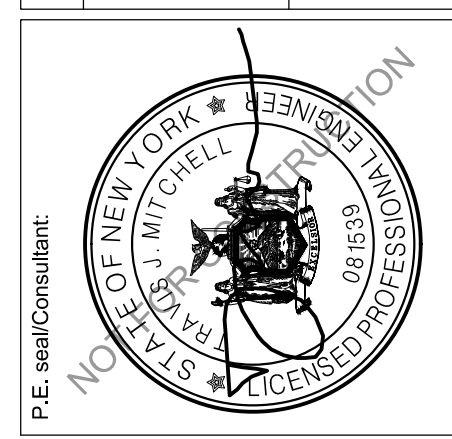


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LAYOUT AND MATERIALS PLAN
Drawing Title: _____
Drawing No: _____ Size: D Sheet Rev: _____
Drawn by: BMW Scale: AS SHOWN Approved by: TJM

C-303 E

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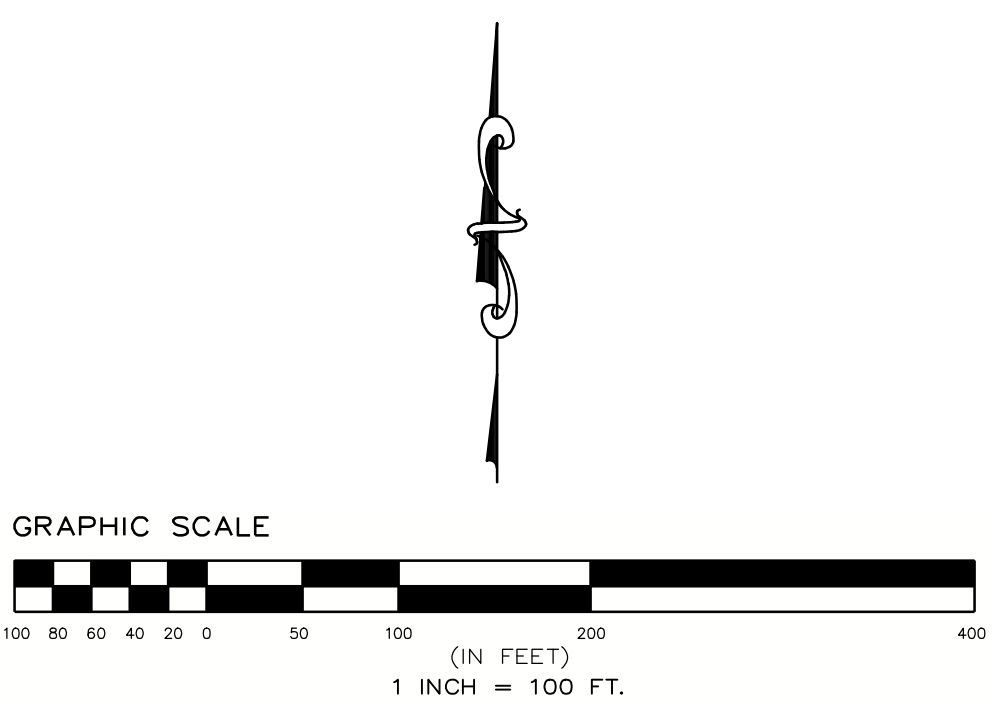
SHEET C-402 - EROSION AND SEDIMENT CONTROL PLAN

SHEET C-403 - EROSION AND SEDIMENT CONTROL PLAN

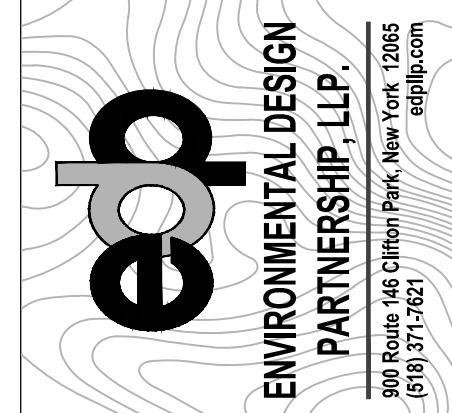
SHEET C-401 - EROSION AND SEDIMENT CONTROL PLAN

EROSION AND SEDIMENT CONTROL PLAN LEGEND

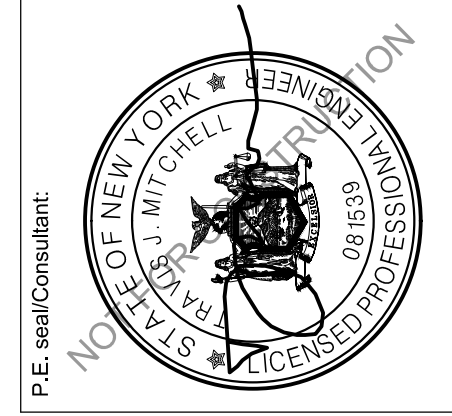
- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3 C-601
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE 4 C-601
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) 6 C-601
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE 8 C-601
- DENOTES PROPOSED 12" COMPOST FILTER SOCK 3 C-600



- EROSION AND SEDIMENT CONTROL NOTES:**
1. ALL AREAS TO BE REVEGETATED SHALL HAVE A MINIMUM OF FOUR INCHES OF TOPSOIL.
 2. AREAS USED FOR TEMPORARY LAYDOWN DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS INCLUDING, BUT NOT LIMITED TO, DECOMPACTION, REGRADING, LOAMING, AND SEEDING. IN NO CASE SHALL PARKING AREAS, LAYDOWN AREAS, CONSTRUCTION TRAILERS, AND PORTABLE TOILETS BE LOCATED WITHIN A WETLAND RESOURCE AREA AND/OR ANY BUFFER ZONES.
 3. WETLANDS NEAR THE SOLAR ARRAY SHALL BE PROTECTED WITH FILTREXX SILT SOCKS OR SILT FENCE. EROSION AND SEDIMENT CONTROL FEATURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF SOIL DISTURBING ACTIVITIES.
 4. AREAS DESIGNATED FOR CUTTING SHALL BE CUT, ONLY. NO GRUBBING OR STRIPPING OF TOPSOIL IS NECESSARY, EXCEPT FOR THOSE AREAS SHOWN ON THE SITE PLANS.
 5. PERMANENT STABILIZATION SHALL BE ESTABLISHED AS SOON AS FEASIBLE GIVEN THE GROWING SEASON.



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| C | INTERNAL REVISIONS | 10/31/2025 |
| D | EXTERNAL REVIEW REVISIONS | 1/12/2026 |
| E | EXTERNAL REVIEW REVISIONS | 1/20/2026 |



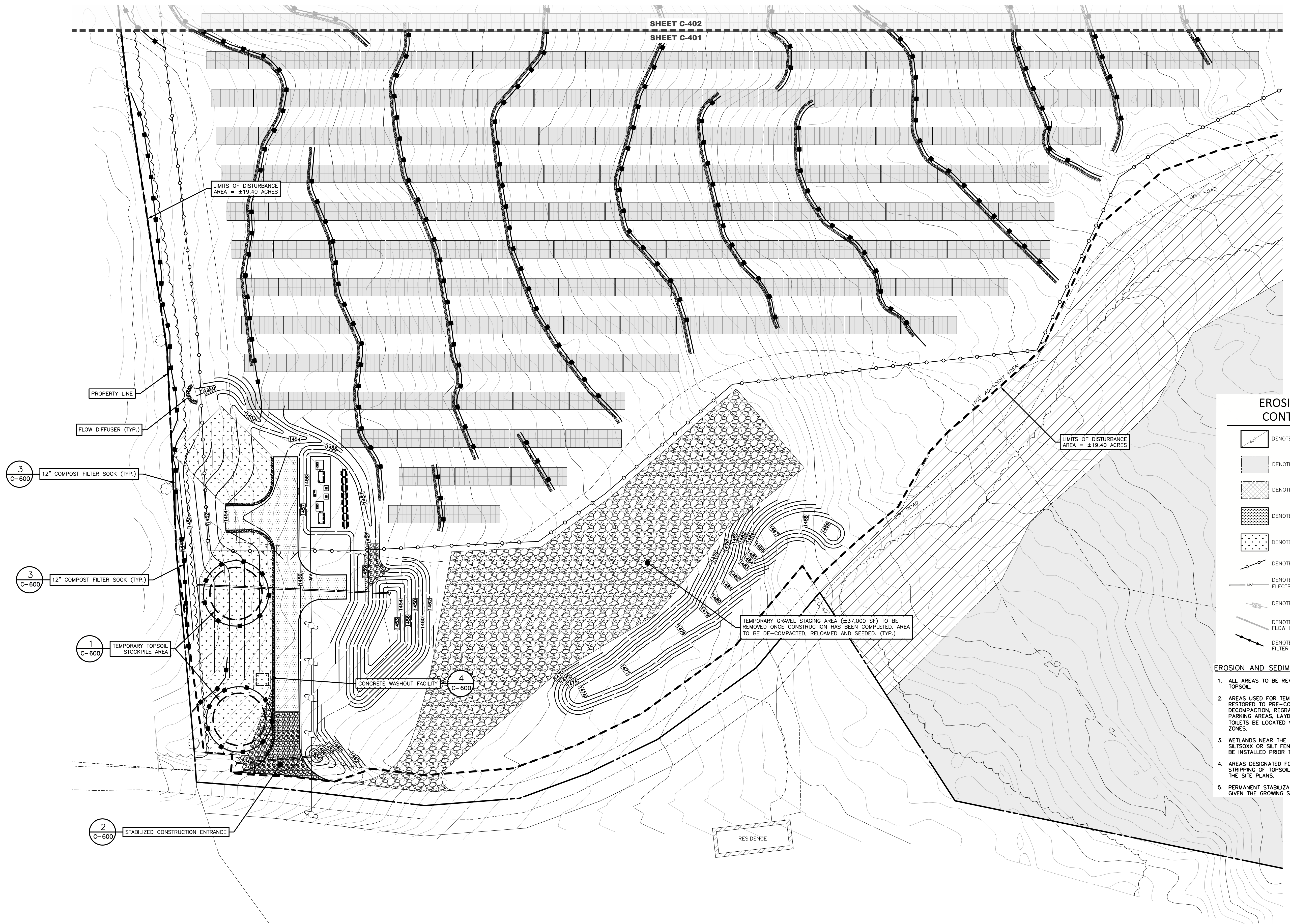
Project:
MAPLE RIDGE RENEWABLES LLC
HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title:
OVERALL EROSION AND SEDIMENT CONTROL PLAN
Drawn by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-400** Size: D Sheet Rev: **E**

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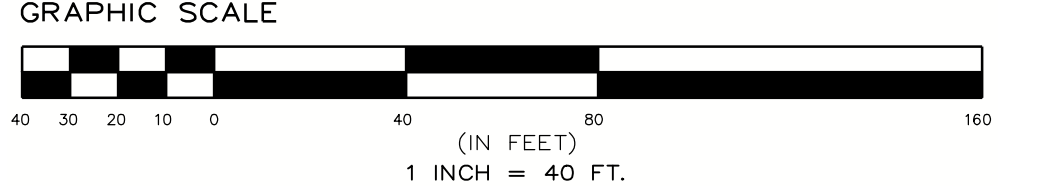
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EROSION AND SEDIMENT CONTROL PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD (3 C-601)
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE (4 C-601)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (8 C-601)
- DENOTES PROPOSED 12\"/>

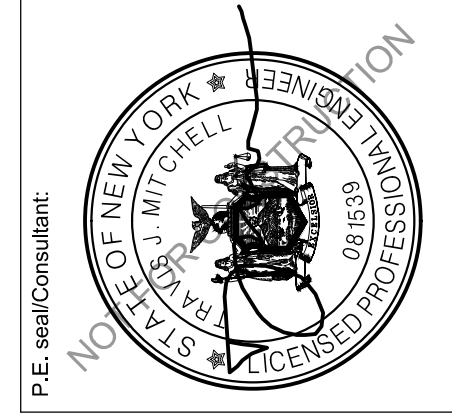
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 - PERMANENT STABILIZATION SHALL BE ESTABLISHED AS SOON AS FEASIBLE GIVEN THE GROWING SEASON.



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| E | EXTERNAL REVIEW REVISIONS | 1/28/2026 |



Project: **MAPLE RIDGE RENEWABLES LLC**
HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title: **EROSION AND SEDIMENT CONTROL PLAN**
Drawing No: **C-401** Size: D Sheet Rev: **E**
Drawn by: BMW Scale: AS SHOWN Approved by: TJM

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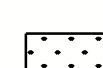

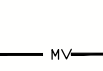



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EROSION AND SEDIMENT CONTROL NOTES:

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EROSION AND SEDIMENT CONTROL PLAN LEGEND

-  DENOTES EXISTING GRADE
-  DENOTES APA WETLAND AREAS
-  DENOTES USACE WETLAND AREAS
-  DENOTES IMPERVIOUS GRAVEL ACCESS ROAD
-  DENOTES FILTER STRIP
-  DENOTES FIXED KNOT FARM FENCE
-  DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS)
-  DENOTES PROPOSED CONTOUR
-  DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE
-  DENOTES PROPOSED 12" COMPOST FILTER SOCK

3
C-601

4
C-601

6
C-601

8
C-601

3
C-600

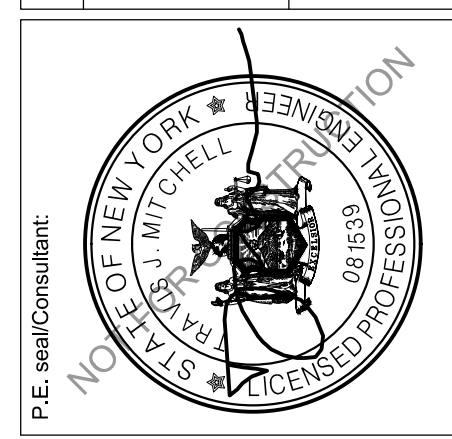
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| E | EXTERNAL REVIEW REVISIONS | 1/20/2026 |



Project:

MAPLE RIDGE RENEWABLES LLC

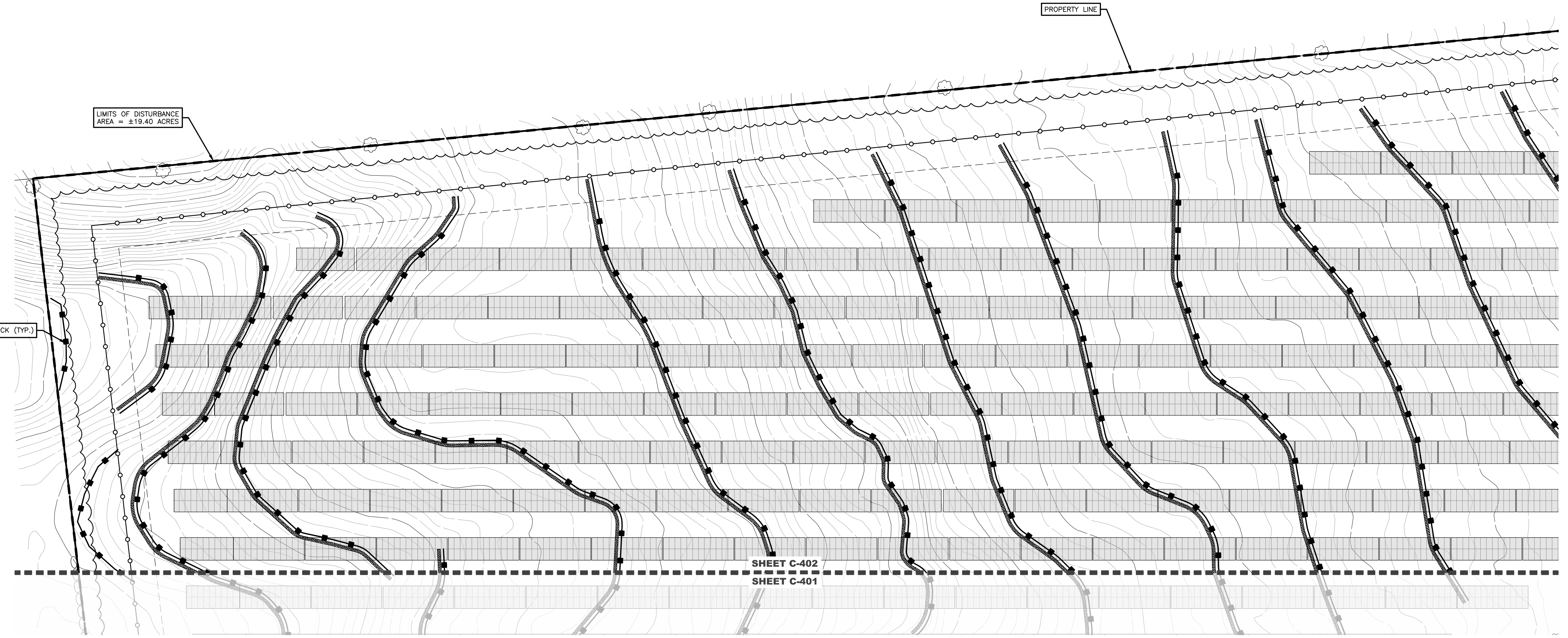
HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title:

EROSION AND SEDIMENT CONTROL PLAN

Drawn by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-402** Size: D Sheet Rev: **E**



LIMITS OF DISTURBANCE AREA = ±19.40 ACRES

PROPERTY LINE

3
C-600
12" COMPOST FILTER SOCK (TYP.)

SHEET C-402
SHEET C-401

GRAPHIC SCALE

40 30 20 10 0 40 80 160

(IN FEET)
1 INCH = 40 FT.

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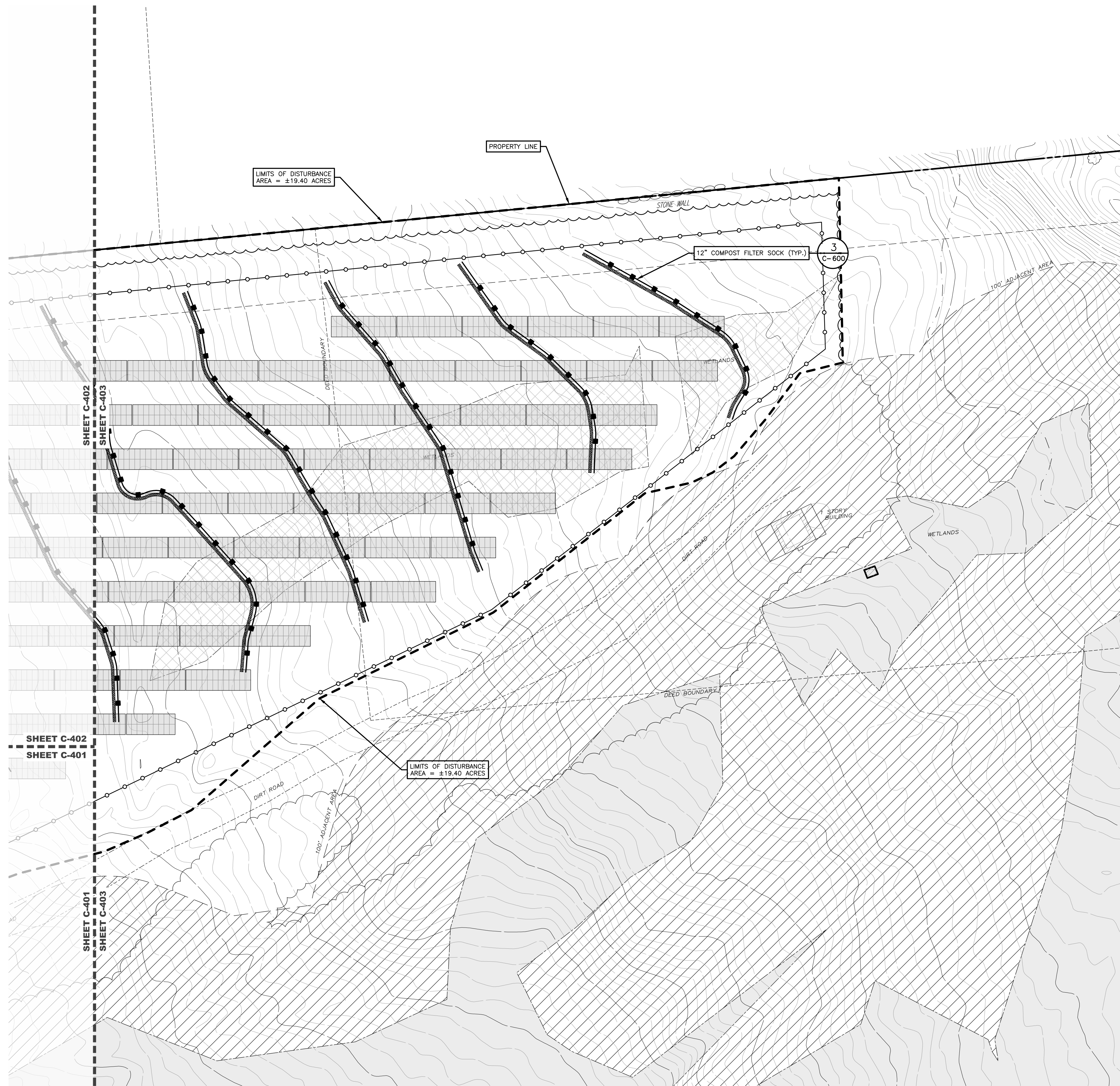
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EROSION AND SEDIMENT CONTROL PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3
C-601
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE 4
C-601
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) 6
C-601
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE 8
C-601
- DENOTES PROPOSED 12" COMPOST FILTER SOCK 3
C-600

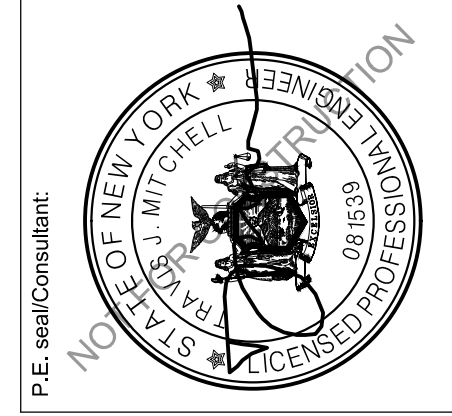
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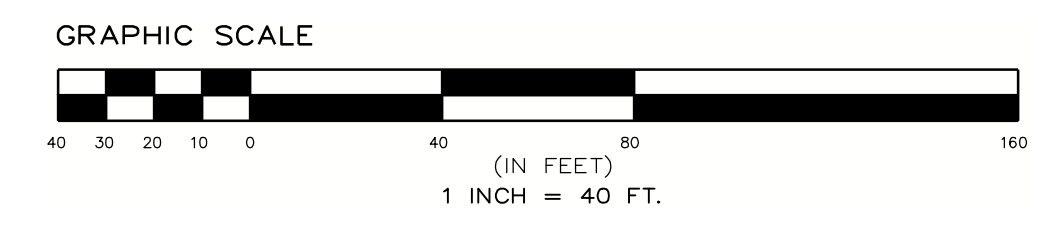
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Project: **MAPLE RIDGE RENEWABLES LLC**
HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title: **EROSION AND SEDIMENT CONTROL PLAN**
Drawing No: **C-403** Size: D Sheet Rev: **E**
Drawn by: BMW Scale: AS SHOWN Approved by: TJM



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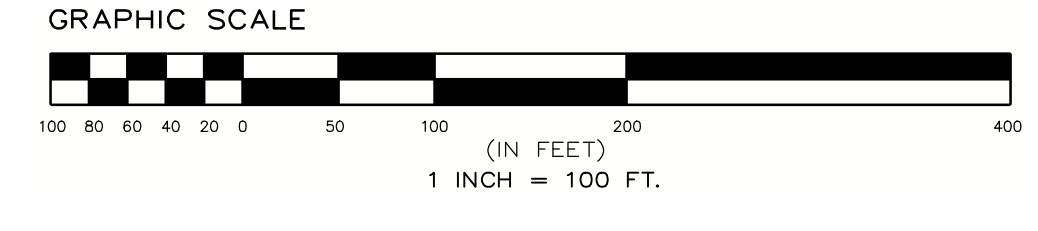
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SHEET C-502 - DRAINAGE AND GRADING PLAN

SHEET C-503 - DRAINAGE AND GRADING PLAN

SHEET C-501 - DRAINAGE AND GRADING PLAN

- DRAINAGE AND GRADING PLAN LEGEND**
- DENOTES EXISTING GRADE
 - DENOTES APA WETLAND AREAS
 - DENOTES USACE WETLAND AREAS
 - DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3
C-601
 - DENOTES FILTER STRIP
 - DENOTES FIXED KNOT FARM FENCE 4
C-601
 - DENOTES FIXED TILT SOLAR PANEL
(SEE ELECTRICAL PLANS FOR DETAILS)
 - DENOTES MEDIUM VOLTAGE TRENCH (SEE
ELECTRICAL PLANS FOR DETAILS) 6
C-601
 - DENOTES PROPOSED CONTOUR
 - DENOTES PERMANENT OVERLAND
FLOW DISPERSION DEVICE 8
C-601

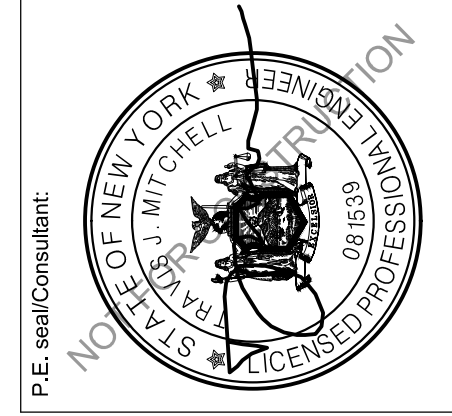


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| D | EXTERNAL REVIEW REVISIONS | 1/12/2026 |
| E | EXTERNAL REVIEW REVISIONS | 1/20/2026 |



Project:

MAPLE RIDGE RENEWABLES LLC

HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title:

OVERALL DRAINAGE AND GRADING PLAN

Drawn by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-500** Size: D Sheet Rev: **E**

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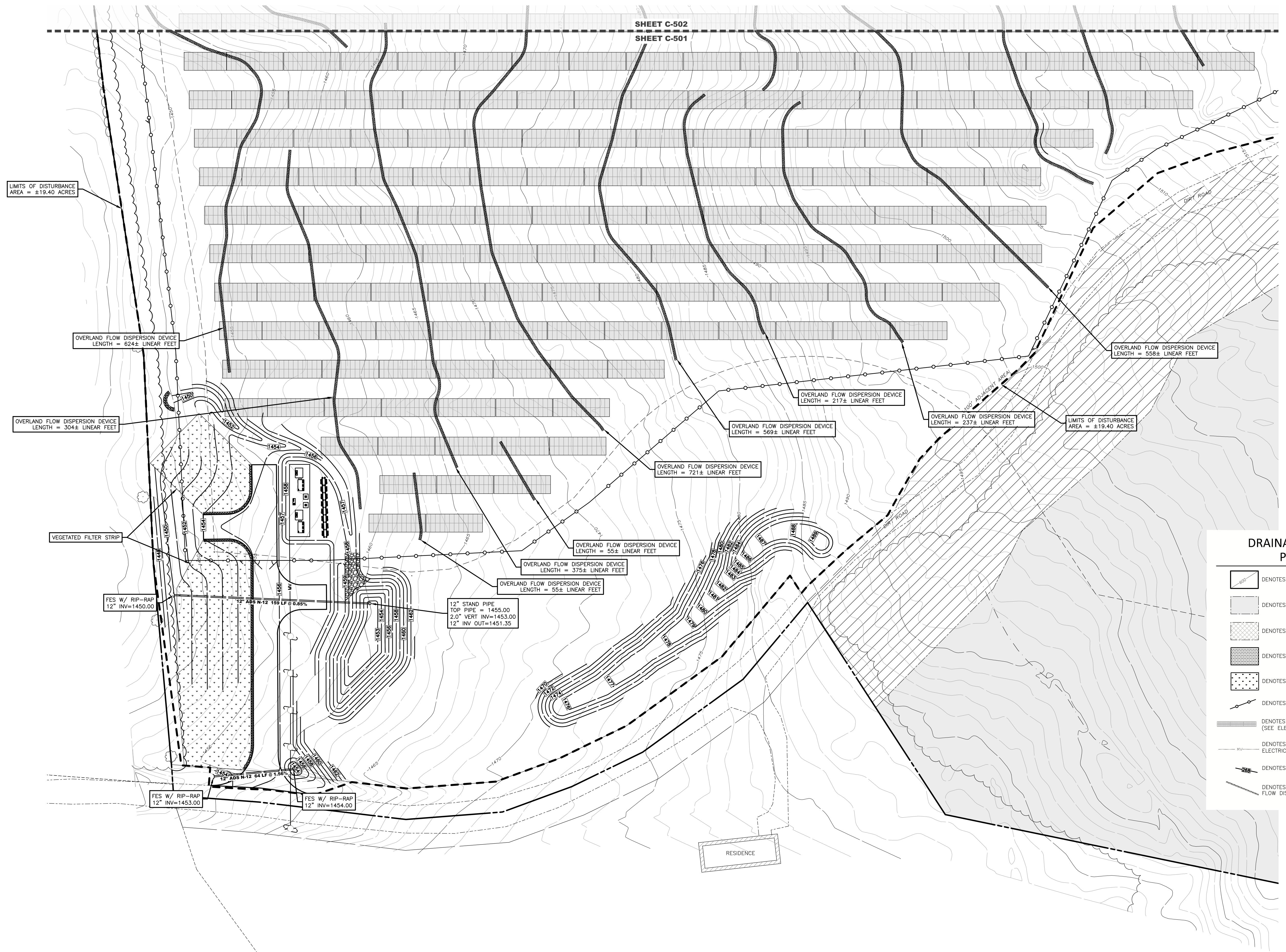
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SHEET C-502
SHEET C-501

LIMITS OF DISTURBANCE
AREA = ±19.40 ACRES

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 624± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 304± LINEAR FEET

VEGETATED FILTER STRIP

FES W/ RIP-RAP
12" INV=1450.00

FES W/ RIP-RAP
12" INV=1453.00

FES W/ RIP-RAP
12" INV=1454.00

12" STAND PIPE
TOP PIPE = 1455.00
2.0" VERT INV=1453.00
12" INV OUT=1451.35

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 721± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 55± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 375± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 55± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 721± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 569± LINEAR FEET

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 217± LINEAR FEET

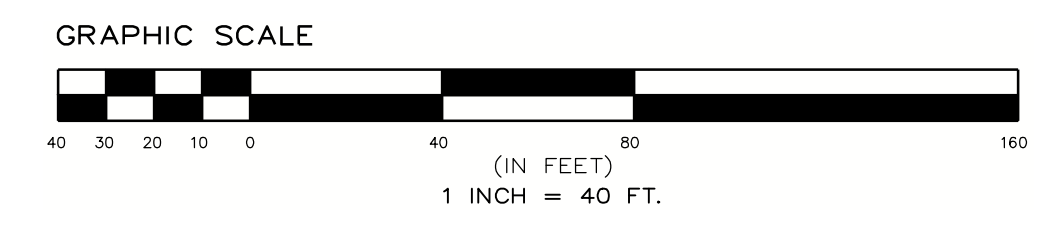
OVERLAND FLOW DISPERSION DEVICE
LENGTH = 237± LINEAR FEET

LIMITS OF DISTURBANCE
AREA = ±19.40 ACRES

OVERLAND FLOW DISPERSION DEVICE
LENGTH = 558± LINEAR FEET

DRAINAGE AND GRADING PLAN LEGEND

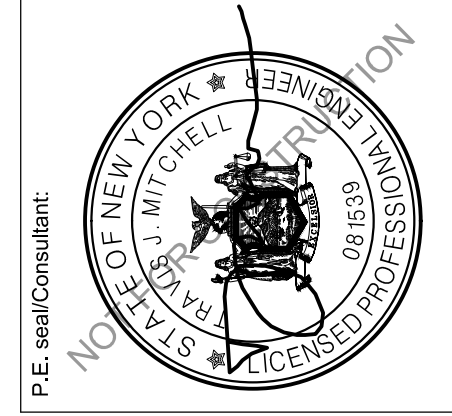
- DENOTES EXISTING GRADE
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- DENOTES USACE WETLAND AREAS
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD (3 C-601)
- DENOTES FILTER STRIP
- DENOTES FIXED KNOT FARM FENCE (4 C-601)
- DENOTES FIXED TILT SOLAR PANEL (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (B C-601)



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**MAPLE RIDGE
RENEWABLES LLC**
HARRIS ROAD
ELLENBURG CENTER, NY 12934

**DRAINAGE AND
GRADING PLAN**
Scale: AS SHOWN Approved by: TJM
Drawn by: BMW

Dwg No: **C-501** Size: D Sheet Rev: **E**

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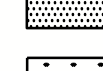






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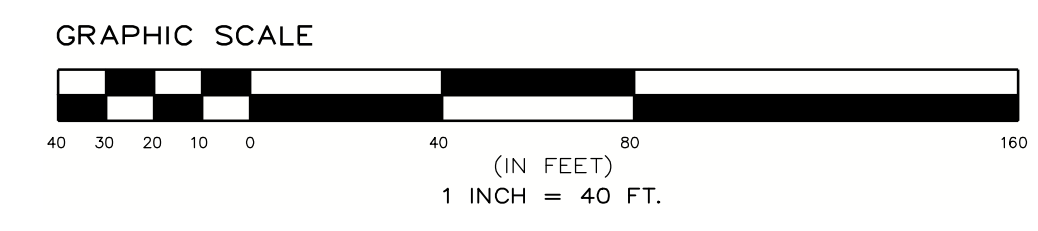
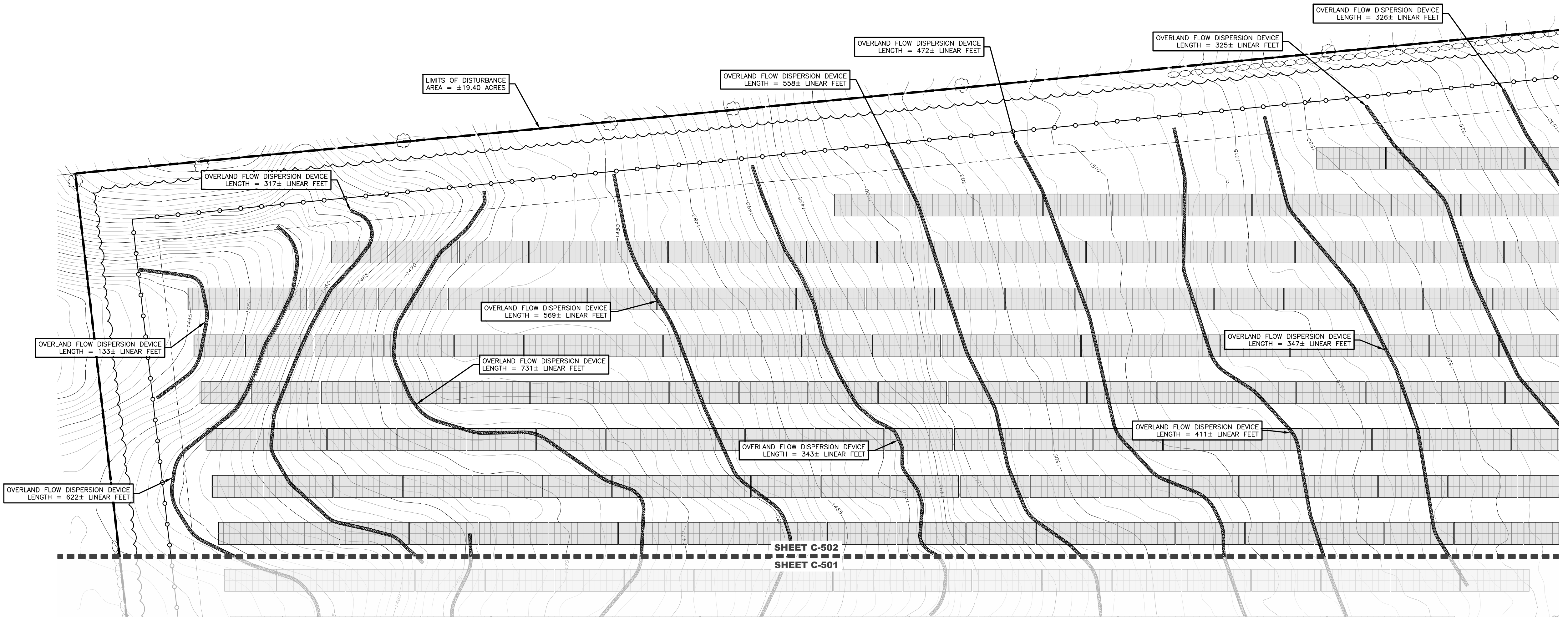
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DRAINAGE AND GRADING PLAN LEGEND

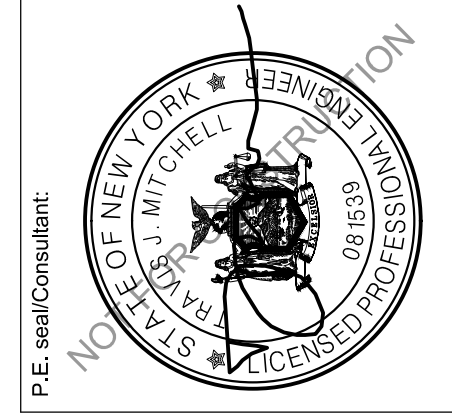
-  DENOTES EXISTING GRADE
-  DENOTES APA WETLAND AREAS
-  DENOTES USAGE WETLAND AREAS
-  DENOTES IMPERVIOUS GRAVEL ACCESS ROAD 3
C-601
-  DENOTES FILTER STRIP
-  DENOTES FIXED KNOT FARM FENCE 4
C-601
-  DENOTES FIXED TILT SOLAR PANEL
(SEE ELECTRICAL PLANS FOR DETAILS)
-  DENOTES MEDIUM VOLTAGE TRENCH (SEE
ELECTRICAL PLANS FOR DETAILS) 6
C-601
-  DENOTES PROPOSED CONTOUR
-  DENOTES PERMANENT OVERLAND
FLOW DISPERSION DEVICE 8
C-601



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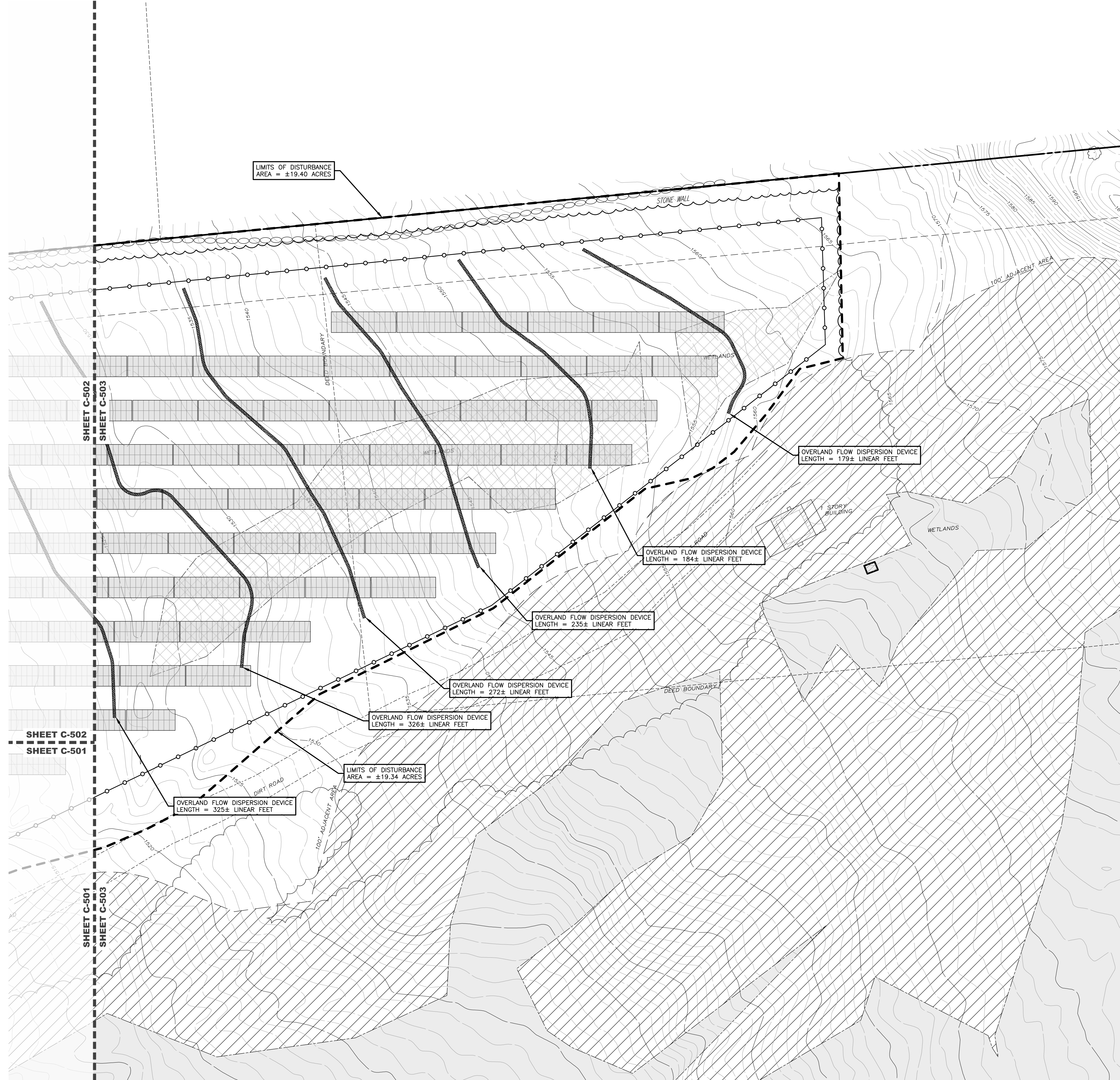
Project:
MAPLE RIDGE RENEWABLES LLC
HARRIS ROAD
ELLENBURG CENTER, NY 12934

Drawing Title:
DRAINAGE AND GRADING PLAN

Drawn by: BMW Scale: AS SHOWN Approved by: TJM

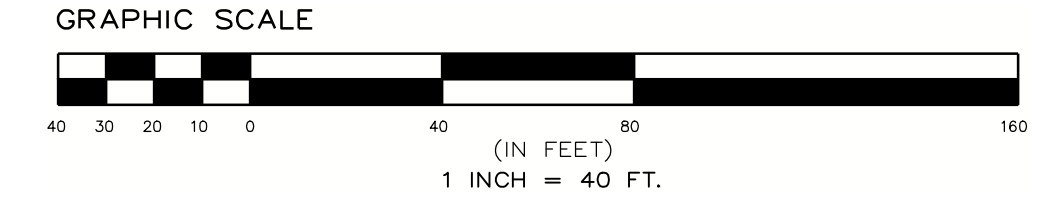
Dwg No: **C-502** Size: D Sheet Rev: **E**

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DRAINAGE AND GRADING PLAN LEGEND

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- DENOTES USACE WETLAND AREAS
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C-601
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C-601
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C-601
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C-601

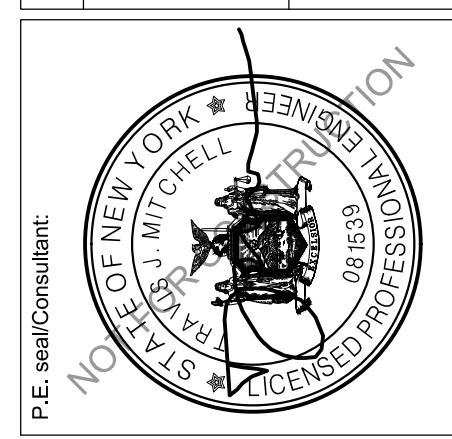


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| C | INTERNAL REVISIONS | 10/31/2025 |
| D | EXTERNAL REVIEW REVISIONS | 1/12/2026 |
| E | EXTERNAL REVIEW REVISIONS | 1/28/2026 |



Project:

MAPLE RIDGE RENEWABLES LLC

HARRIS ROAD
ELLENBURG CENTER, NY 12934

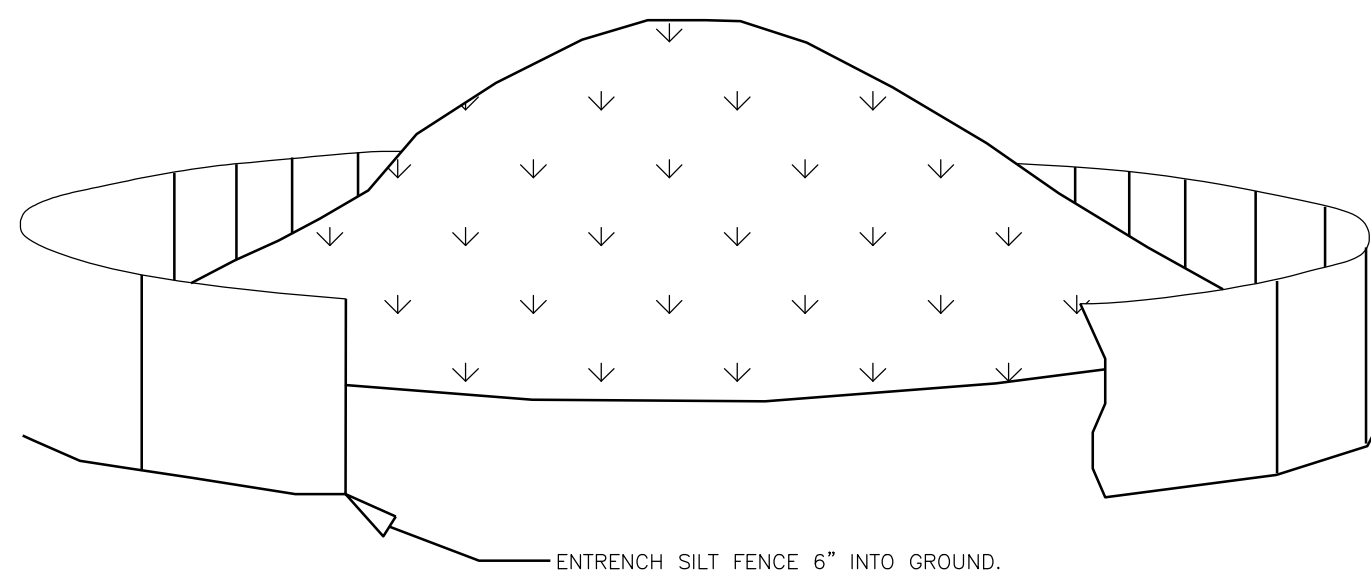
Drawing Title:

DRAINAGE AND GRADING PLAN

Scale: AS SHOWN Approved by: TJM

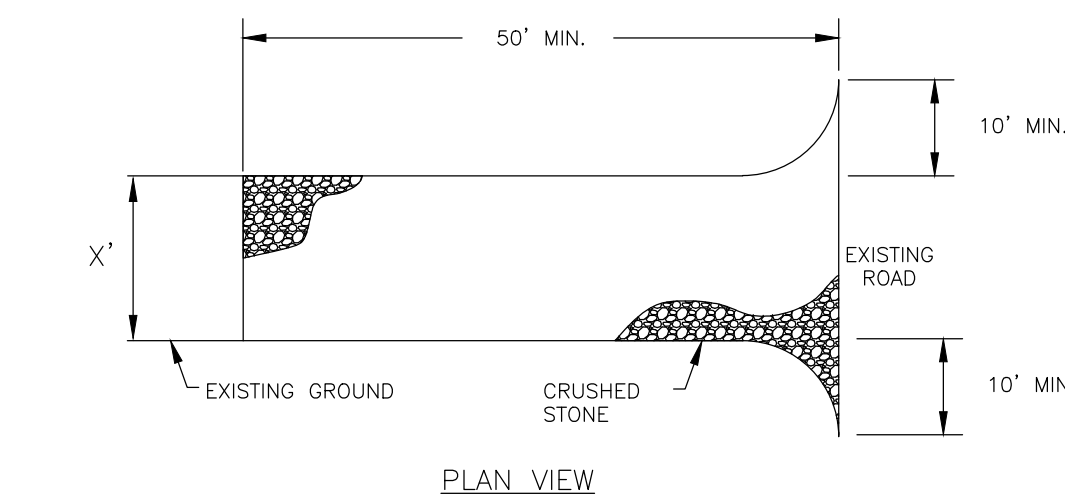
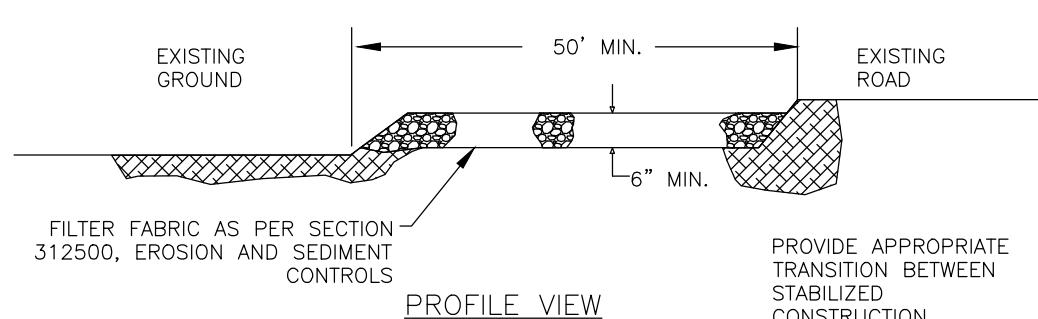
Dwg No: **C-503** Size: D Sheet Rev: **E**

NOTE: CHOOSE DRY AND STABLE AREA FOR STOCKPILE. SHAPE AND STABILIZE STOCK PILE; ALLOW TEMPORARY SEEDING.



1 SOIL STOCKPILE AREA

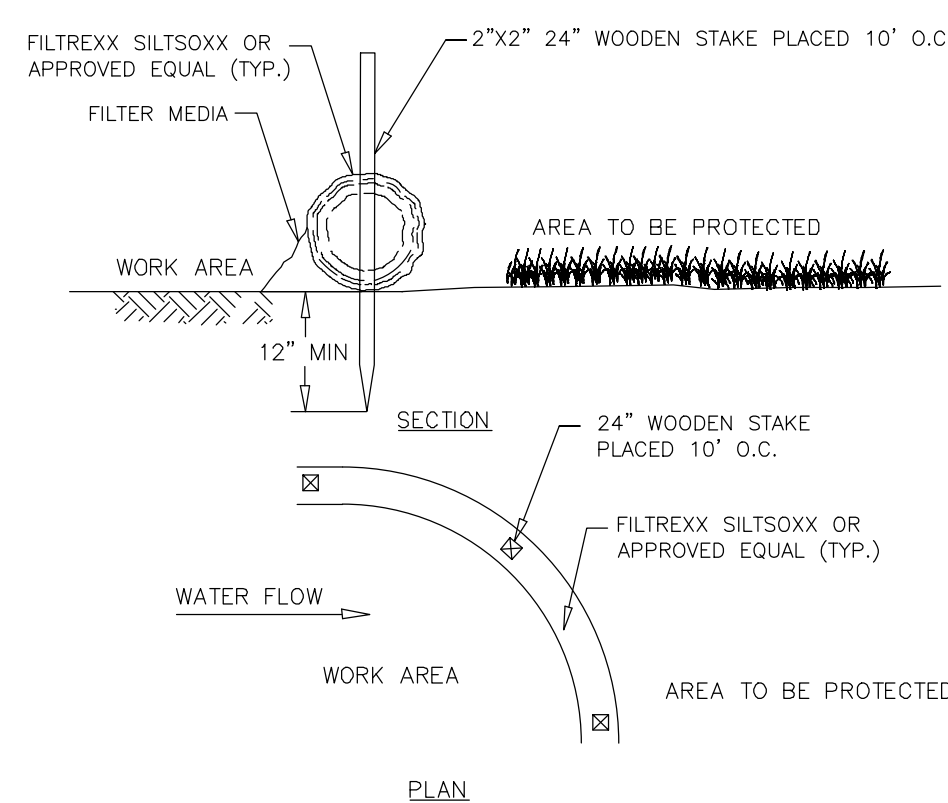
C-600 NOT TO SCALE



- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET.
- THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 4 INCHES.
- THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE PROPOSED ENTRANCE.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARDS THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE SURFACE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO EXISTING ROAD. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO EXISTING ROAD SHALL BE REMOVED IMMEDIATELY.

2 STABILIZED CONSTRUCTION ENTRANCE

C-600 NOT TO SCALE

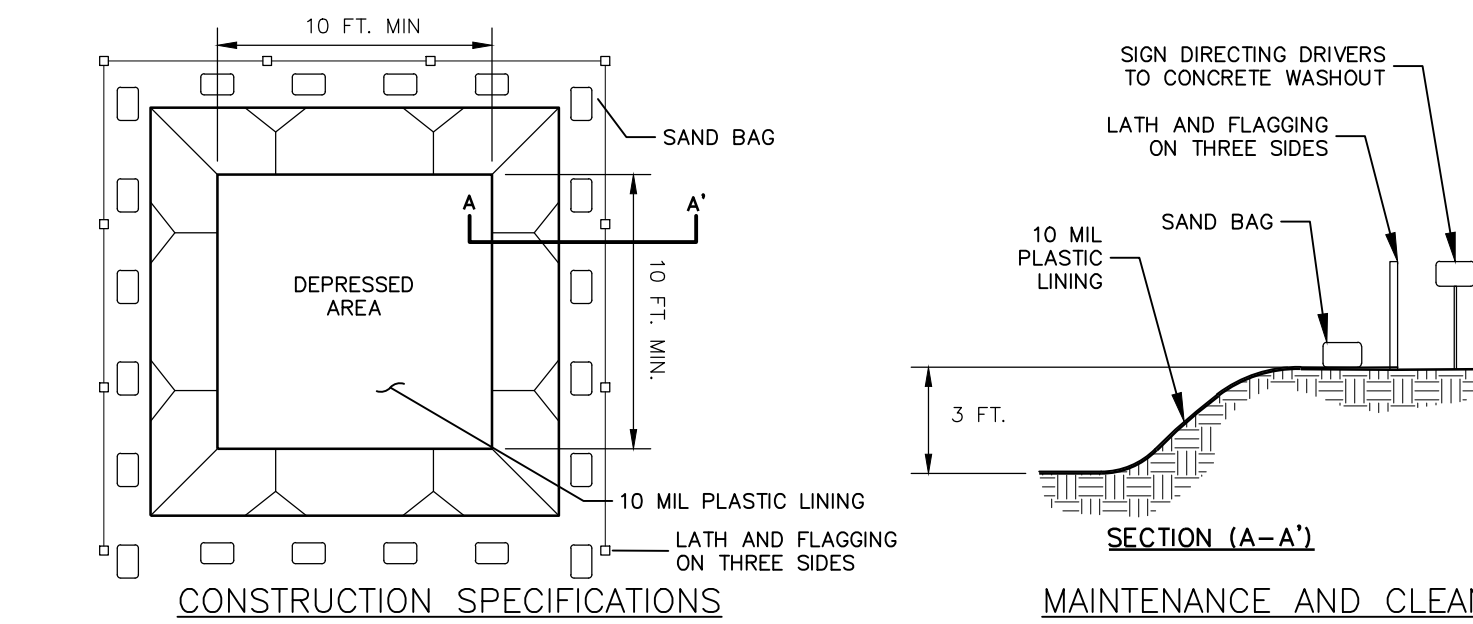


- FILTER SOCK SHALL BE 12" DIAMETER MIN.
- SOCKS TO BE FILLED WITH BIODEGRADABLE COMPOST MATERIAL.

| DIA | SLOPE % | | | | | |
|-----|---------|-----|-----|----|----|----|
| | 2 | 5 | 10 | 20 | 33 | 50 |
| 12" | 250* | 225 | 125 | 65 | 50 | 40 |
| | | | | | | 25 |

3 12 IN. FILTER SOCK

C-600 NOT TO SCALE

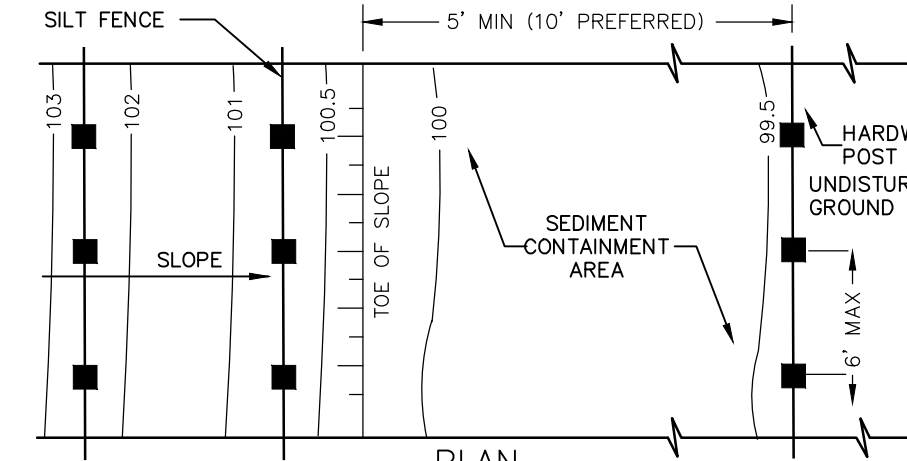


- #### CONSTRUCTION SPECIFICATIONS
- CONCRETE WASHOUT FACILITY SHALL BE LOCATED A MINIMUM OF FIFTY (50) FEET FROM SENSITIVE AREAS.
 - THE BASIN DIMENSIONS DEPICTED ABOVE ARE REQUIRED MINIMUMS.
 - CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. (APPROXIMATELY 60 GALLONS OF WASTE AND WATER PER TRUCK).
 - PLASTIC LINING MATERIAL SHALL BE A MINIMUM 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
 - WASHOUT FACILITY MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.
- #### MAINTENANCE AND CLEANING
- DO NOT DISCHARGE LIQUID OR SLURRY TO WATERWAYS, STORM DRAINS OR DIRECTLY ONTO GROUND.
 - DO NOT USE SANITARY SEWER WITHOUT LOCAL APPROVAL.
 - PLACE A SECURE NON COLLAPSING, NON-WATER COLLECTING COVER OVER THE FACILITY PRIOR TO PREDICTED WET WEATHER TO PREVENT ACCUMULATION AND OVERFLOW.
 - REMOVE AND DISPOSE OF HARDEN CONCRETE AND RETURN THE STRUCTURE TO A FUNCTIONAL STATE.
 - INSPECT THE WASHOUT FACILITY FOR SIGNS OF WEAKENING OR DAMAGE AND REPAIR AS NECESSARY. REPAIR THE STRUCTURE WITH NEW POLY SHEETING AFTER EACH CLEANING.

4 CONCRETE WASHOUT FACILITY

C-600 NOT TO SCALE

- SILT FENCE SHALL BE PLACED A MINIMUM OF 5 FT. FROM TOE OF SLOPE, 10 FT. PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
 - POSTS MAY BE 1.25"x1.25" (MINIMUM) HARDWOOD, TYPICALLY, FOR WIRE MESH BACK USE 2"x2" NOM. HARDWOOD, OR STEEL "T" OR "U" POSTS (1 lb per ft). SILT FENCE SHALL BE WOVEN GEOTEXTILE FABRIC (GEOTEX 2130 OR EQUAL).
 - SILT FENCE ASSEMBLIES MAY HAVE 4 FT. OR 6 FT. POST SPACING, AND MAY OR MAY NOT HAVE MESH REINFORCEMENT. SENSITIVE AREAS TO BE PROTECTED MAY NEED TO BE REINFORCED BY USING HEAVY WIRE FENCING FOR ADDED SUPPORT TO PREVENT COLLAPSE.
 - THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 6" BELOW GROUND. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.
 - MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUNOFF TO A SILT FENCE PLACED ON A SLOPE ARE:
- | SLOPE STEEPNESS | MAXIMUM SLOPE LENGTH / FENCE LENGTH (ft.) |
|-----------------|---|
| <2% | 300/1000 |
| 2-10% | 120/500 |
| 10-20% | 100/500 |
| 20-33% | 60/300 |
| 33-50% | 40/200 |
| >50% | 20/125 |
- MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED 1/4 ACRE PER 100 FEET OF FENCE, WITH MAXIMUM PONDING DEPTH OF 1.5 FEET BEHIND THE FENCE, AND EROSION WOULD OCCUR IN THE FORM OF SHEET EROSION, AND THERE IS NO CONCENTRATION OF WATER FLOWING TO THE BARRIER.
 - MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS, AFTER EACH RAINFALL, OF 5" OR MORE WITHIN A 12 HOUR PERIOD, OR DAILY DURING PROLONGED RAINFALL. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
 - SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-THIRD OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

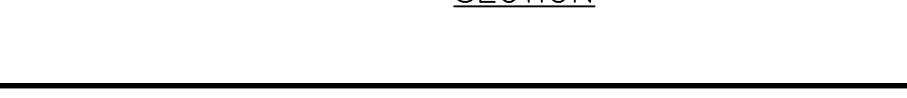
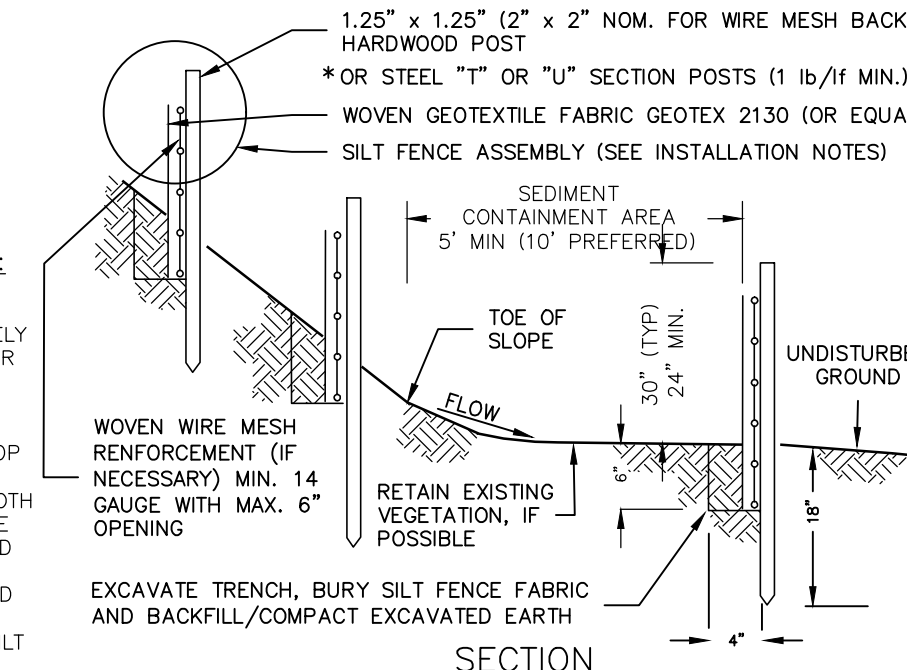


SILT FENCE INSTALLATION NOTES:

- GEOTEXTILE FABRIC AND WOVEN WIREMESH TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACES EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

5 SILT FENCE

C-600 NOT TO SCALE



6 FLOW DIFFUSER

C-600 NOT TO SCALE

EROSION AND SEDIMENT CONTROL AND STABILIZATION MEASURES, MAINTENANCE AND INSPECTION PRACTICES:

- THE FOLLOWING IS A LIST OF EROSION AND SEDIMENT CONTROLS TO BE USED ON THIS SITE DURING CONSTRUCTION:
 - STABILIZATION PRACTICES FOR THIS SITE INCLUDE:
 - LAND CLEARING ACTIVITIES SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND SHALL PROGRESS AS EARTHWORK IS NEEDED.
 - WATERING OF EXCAVATION AND FILL AREAS TO MINIMIZE WIND EROSION DURING CONSTRUCTION AS NEEDED.
 - USE OF STABILIZATION FABRIC FOR ALL SLOPES HAVING A SLOPE OF 1V:2H OR GREATER AND FILL SLOPES 1V:3H OR GREATER.
 - PERMANENT SEEDING AND PLANTING OF ALL UNPAVED AREAS USING THE HYDROMULCHING GRASS SEEDING TECHNIQUE.
 - STRUCTURAL PRACTICES FOR THIS SITE INCLUDE:
 - PERIMETER PROTECTION USING COMPOST FILTER SOCKS
 - STABILIZED CONSTRUCTION EXIT POINTS
 - SEDIMENT TRAPS OR FILTER SOCKS
 - CHECK DAMS
- THE FOLLOWING INSPECTION AND MAINTENANCE PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS AND STABILIZATION MEASURES.
 - ALL CONTROL MEASURES WILL BE INSPECTED ONCE EVERY SEVEN (7) DAYS BY A QUALIFIED INSPECTOR AS DESCRIBED IN PART IV, SECTION C OF THE SPDES PERMIT FOR CONSTRUCTION ACTIVITY NO. GP-0-20-001. SITES THAT HAVE A WAIVER TO DISTURB GREATER THAN FIVE (5) ACRES REQUIRE (2) INSPECTIONS EVERY SEVEN (7) DAYS WITH AT LEAST TWO (2) DAYS BETWEEN INSPECTIONS.
 - DISTURBED AREAS SHALL BE STABILIZED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES HAVE CONCLUDED IN AN AREA. ALL BARE AREAS AND AREAS SUBJECT TO EROSION SHALL BE BLANKETED OR SEEDED AND MULCHED WITHIN 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING.
 - ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF REPAIRS ARE FOUND TO BE NECESSARY, THEY WILL BE INITIATED WITHIN 24 HOURS OF REPORT. BUILT UP SEDIMENT WILL BE REMOVED FROM FILTER SOCKS WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE SOCK. AN ADDITIONAL FILTER SOCK MAY BE INSTALLED ON TOP OF THE ORIGINAL TO INCREASE SEDIMENT STORAGE CAPACITY/PREVENT SEDIMENT DISTURBANCE.
 - FILTER SOCKS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, DISLODGE, BREAKS, TEARS, ETC. DAMAGED OR DISLODGED FILTER SOCKS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
 - TEMPORARY AND PERMANENT SEEDING AND ALL OTHER STABILIZATION MEASURES WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT. BUILT UP SEDIMENT WILL BE REMOVED FROM FILTER SOCKS WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE CHECK DAM.
 - CHECK DAMS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, WASHOUT, ETC. BUILT UP SEDIMENT WILL BE REMOVED FROM THE CHECK DAM WHEN IT REACHES ONE-THIRD OF THE HEIGHT OF THE CHECK DAM.
 - A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. COPIES OF THE REPORT FORMS TO BE COMPLETED BY THE INSPECTOR ARE INCLUDED IN THIS SWPPP. UPON COMPLETION, COPIES OF THE REPORTS SHALL BE SUBMITTED TO THE TOWN.
 - THE JOB SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR SELECTING AND TRAINING THE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR THESE INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILING OUT INSPECTION AND MAINTENANCE REPORTS. ALL PERSONNEL PERFORMING INSPECTIONS MUST MEET THE REQUIREMENTS DESCRIBED IN PART IV, SECTION C OF THE SPDES PERMIT FOR CONSTRUCTION ACTIVITY NO. GP-0-20-001.
 - PERSONNEL SELECTED FOR THE INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE APPROPRIATE INSTRUCTION FROM THE JOB SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS THAT ARE USED ON SITE IN GOOD WORKING ORDER. THEY WILL ALSO BE TRAINED IN THE COMPLETION OF, INITIATION OF ACTIONS REQUIRED BY, AND THE FILING OF THE INSPECTION FORMS. DOCUMENTATION OF THIS PERSONNEL TRAINING WILL BE KEPT ON SITE WITH THE SWPPP. ALL PERSONNEL PERFORMING INSPECTIONS MUST MEET THE REQUIREMENTS DESCRIBED IN PART IV, SECTION C OF THE SPDES PERMIT FOR CONSTRUCTION ACTIVITY NO. GP-0-20-001.
 - DISTURBED AREAS AND MATERIAL STORAGE AREAS WILL BE INSPECTED FOR EVIDENCE OF OR POTENTIAL FOR POLLUTANTS ENTERING STORMWATER SYSTEMS.
 - REPORT TO THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WITHIN 24 HOURS ANY NONCOMPLIANCE WITH THE SWPPP THAT WILL ENDANGER PUBLIC HEALTH OR THE ENVIRONMENT. FOLLOW UP WITH A WRITTEN REPORT WITHIN 5 DAYS OF THE NONCOMPLIANCE EVENT.
 - NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. NO RE-FUELING SHALL BE OCCUR WITHIN 100 FEET OF ANY WETLAND RESOURCE AREA AND 200 FEET FROM RIVERFRONT. LEAKING EQUIPMENT OR SUPPLIES SHALL IMMEDIATELY BE REPAIRED OR EMOVED FROM THE SITE.
 - CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT DUST FROM FORMING.

SOIL RESTORATION:

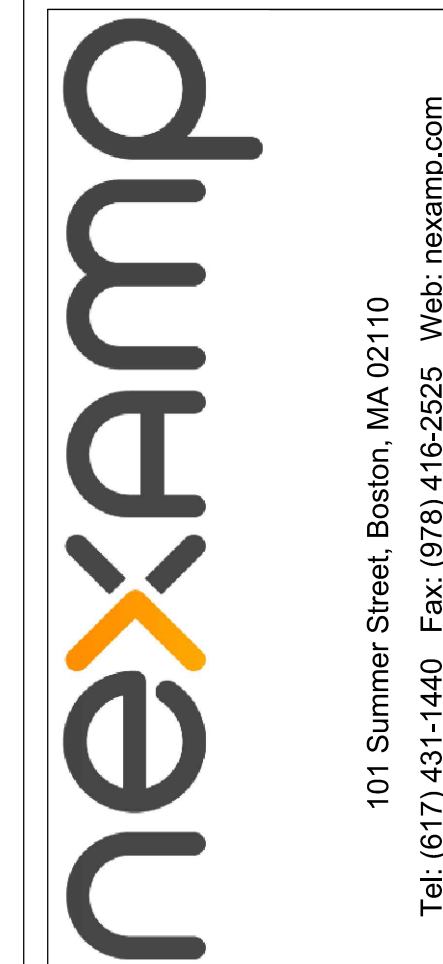
- AS PER CHAPTER 5 OF THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL, SOIL RESTORATION IS REQUIRED ON THIS SITE IN ALL NON-IMPERVIOUS AREAS ONCE FINAL SUBGRADE ELEVATION IS ACHIEVED. IN AREAS OF CUT OR FILL, THE SOILS SHALL BE AERATED AND 6 INCHES OF TOPSOIL SHALL BE APPLIED IN AREAS OF HEAVY CONSTRUCTION TRAFFIC (ESPECIALLY IN AREAS 5 TO 25 FEET FROM BUILDING, BUT NOT WITHIN 5 FEET OF FOUNDATION WALLS) FULL SOIL RESTORATION PER NYSDEC DEEP-RIPPING AND DECOMPACTION GUIDANCE APRIL 2008 SHALL BE APPLIED.

ADDITIONAL EROSION CONTROL AND GRADING NOTES:

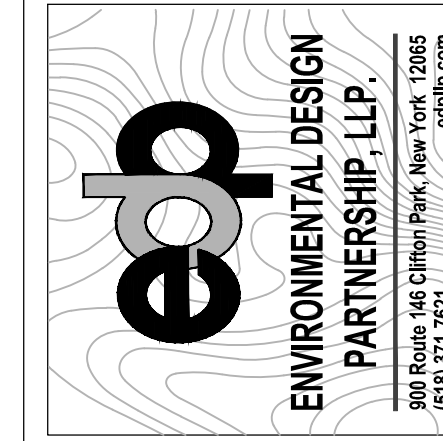
- MINIMAL EROSION CONTROL DEVICES ARE ILLUSTRATED ON SITE PLAN IN A SCHEMATIC MANNER BASED ON NY STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL. IT WILL BE NECESSARY TO ADJUST THE ACTUAL LOCATION AND QUANTITY OF EROSION CONTROL DEVICES DEPENDING UPON FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE MEASURES AS REQUIRED TO PROTECT THE SITE.
- SLOPES SHALL TYPICALLY BE GRADED AT A MAXIMUM OF 3:1 (3 HORIZ. 1 VERT.) WITHIN ALL CUT OR FILL AREAS, UNLESS OTHERWISE DESIGNATED ON PLANS.
- TEMPORARY SEED SHALL BE A COMMERCIALY AVAILABLE MIXTURE OF PERENNIAL RYE AND UTILITY GRADE FESCUE. PERCENTAGE OF PERENNIAL RYE SHALL NOT EXCEED 50%. PERMANENT SEED SHALL BE AS SPECIFIED ON THE PLANTING PLANS.
- SEEDED AREAS SHALL BE FULLY COVERED WITH A LEAN STRAW OR MULCH MATERIAL. IF ORDERED BY THE ENGINEER OR MUNICIPALITY, A BIODEGRADABLE NETTING (E.G., EXCELSIOR BLANKET, COIR GEOTEXTILE) SHALL BE ANCHORED OVER SEEDED AREAS WHICH DEMONSTRATE "RILLING" OR OTHER EROSION PROCESSES.
- TOPSOIL AND SEED SHALL BE REAPPLIED TO ANY AREAS WHICH FAIL TO ESTABLISH AS A RESULT OF PRESENT APPLICATION.
- FILTER SOCK BARRIERS SHALL BE PLACED WITHIN ALL AREAS OF EXPOSED SLOPES TO CONTROL SOIL EROSION DURING AND AFTER CONSTRUCTION.
- EROSION CONTROL (ERO-MAT), GEOTEXTILE FABRIC, COMPOST BLANKET, RIPRAP, OR APPROVED EQUAL, SHALL BE INSTALLED ON ALL 6:1V SLOPES; AN ORGANIC FIBER PROTECTIVE MAT, HALF INCH LAYER OF CHOPPED STRAW, KNITTED INTO A RUGGED MAT WITH A THIN NETTING OF PHOTODEGRADABLE POLYPROPYLENE. SECURE MAT TO SLOPE WITH 6" STEEL U-SHAPED STAPLES, 2 STAPLES PER SQUARE YARD, OR AS PER MANUFACTURER'S INSTRUCTIONS.
- PRIOR TO SEEDING, ACCESS AISLES, TEMPORARY STAGING AREAS, STORAGE, AND PARKING AREAS TO BE DECOMPACTED AND RELOADED.
- SEDIMENT BARRIERS SHALL BE CONSTRUCTED AROUND ALL SOIL STOCKPILE AREAS.
- STREAM REACHES ON-SITE AND DOWNSTREAM OF CONSTRUCTION SHALL NOT HAVE SUBSTANTIAL VISIBLE CONTRAST RELATIVE TO COLOR, TASTE, ODOR, TURBIDITY AND SEDIMENT DEPOSITION FROM THE REACHES UPSTREAM OF THE CONSTRUCTION ACTIVITY.
- VEHICULAR ACCESS POINTS SHALL BE MONITORED AND INSPECTED AT THE SAME FREQUENCY AS EROSION CONTROL FEATURES TO INSURE THAT DEPOSITS OF SAND, SILT OR OTHER MATERIAL IS NOT BEING DEPOSITED ON PUBLIC ROADWAYS. IN THE EVENT ANY SIGNIFICANT DEPOSITS OCCUR THEY SHALL BE CLEANED UP IMMEDIATELY.
- A SPDES PERMIT SHALL BE IN PLACE PRIOR TO COMMENCING ANY GROUND DISTURBANCE.
- PROJECT DRAINAGE FEATURES TO BE CLEANED OUT AFTER COMPLETION OF CONSTRUCTION.

SEQUENCE OF CONSTRUCTION ACTIVITIES:

- SITE TO BE MOBILIZED. FIELD DELINEATION OF THE LIMITS OF DISTURBANCE FOR EACH PHASE ON THE PHASING PLAN AND THE OVERALL LIMITS OF DISTURBANCE. REFERENCE PHASING PLANS FOR FURTHER CONSTRUCTION SEQUENCING AS NEEDED.
- EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED IN CONJUNCTION WITH ANY BRUSH OR TREE CLEARING REQUIRED. NOTE: EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH SHEETS 11, #####, #####, AND ##### AND ASSOCIATED DETAILS AS WELL AS NYS DEC CONSTRUCTION GENERAL PERMIT #GP-0-20-001. IN ANY INSTANCE THAT A CONFLICT BETWEEN THESE TWO GUIDELINES IS PRESENT, THE MORE CONSERVATIVE GUIDELINE TAKES PRECEDENT.
- CLEARING AND GRUBBING OPERATIONS CREW SHALL CHIP AND MULCH DIRECTLY BEHIND OPERATION TO MAKE SURE NO AREAS ABOVE FIVE ACRES SHALL BE DISTURBED AT ANY TIME. NO MORE THAN FIVE ACRES SHALL BE DISTURBED AT ANY ONE TIME WITHOUT PRIOR APPROVAL FROM NYSDEC.
- INSTALLATION OF ACCESS ROAD TO COMMENCE. NOTE: ANY AREAS OF DISTURBANCE SHALL BE STABILIZED WITH TEMPORARY SEEDING PER THE REQUIRED TIMELINES AS PER NYS DEC CONSTRUCTION GENERAL PERMIT #GP-0-20-001.
- STRIP TOPSOIL AND STOCKPILE IN DESIGNATED AREA. TOPSOIL SHALL BE REDISTRIBUTED ACROSS THE SITE IN THE SIMILAR VICINITY OF WHERE IT WAS EXCAVATED FROM.
- EARTHWORK TO COMMENCE TO GRADE SITE TO PROPOSED ELEVATIONS.
- MY TRENCHES AND FOUNDATIONS INSTALLATION IN CONJUNCTION WITH THE PLACEMENT OF CONCRETE FOUNDATIONS FOR THE ELECTRICAL EQUIPMENT PADS TO COMMENCE.
- WATERING OF THE EXCAVATION AND FILL AREAS SHALL BE DONE TO MINIMIZE WIND EROSION AS NEEDED THROUGHOUT CONSTRUCTION.
- AS OVERLAND FLOW DISPERSION DEVICES ARE INSTALLED COMPOST FILTER SOCKS SHALL BE PLACED UP-GRADE AS SHOWN ON SHEETS 11, #####, #####, AND #####.
- RACKING, TABLES, MODULES, INVERTERS AND ELECTRICAL EQUIPMENT INSTALLATION TO COMMENCE.
- REMOVE LAYDOWN AREA, SPREAD GRAVEL ON ROADWAY, AND SEED AREAS. CONSTRUCT PERVIOUS MAINTENANCE ACCESS ROAD.
- FINAL SITE STABILIZATION TO COMMENCE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE REMOVED ONCE 80% VEGETATIVE COVER HAS BEEN ACHIEVED. REMOVE FILTER SOCKS, STABILIZED CONSTRUCTION ENTRANCES, AND OTHER TEMPORARY EROSION AND SEDIMENT CONTROLS. ANY RESULTING AREAS OF DISTURBANCE FROM SAID REMOVAL TO BE SEEDED PRIOR TO DEMOBILIZATION.
- SITE TO BE DEMOBILIZED.

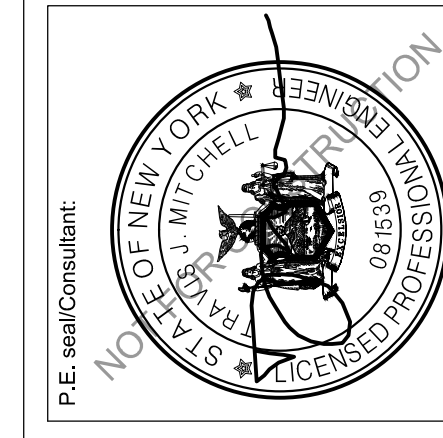


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815 371-7621

| Rev | Issued For | Date |
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P.E. Sean Consultant

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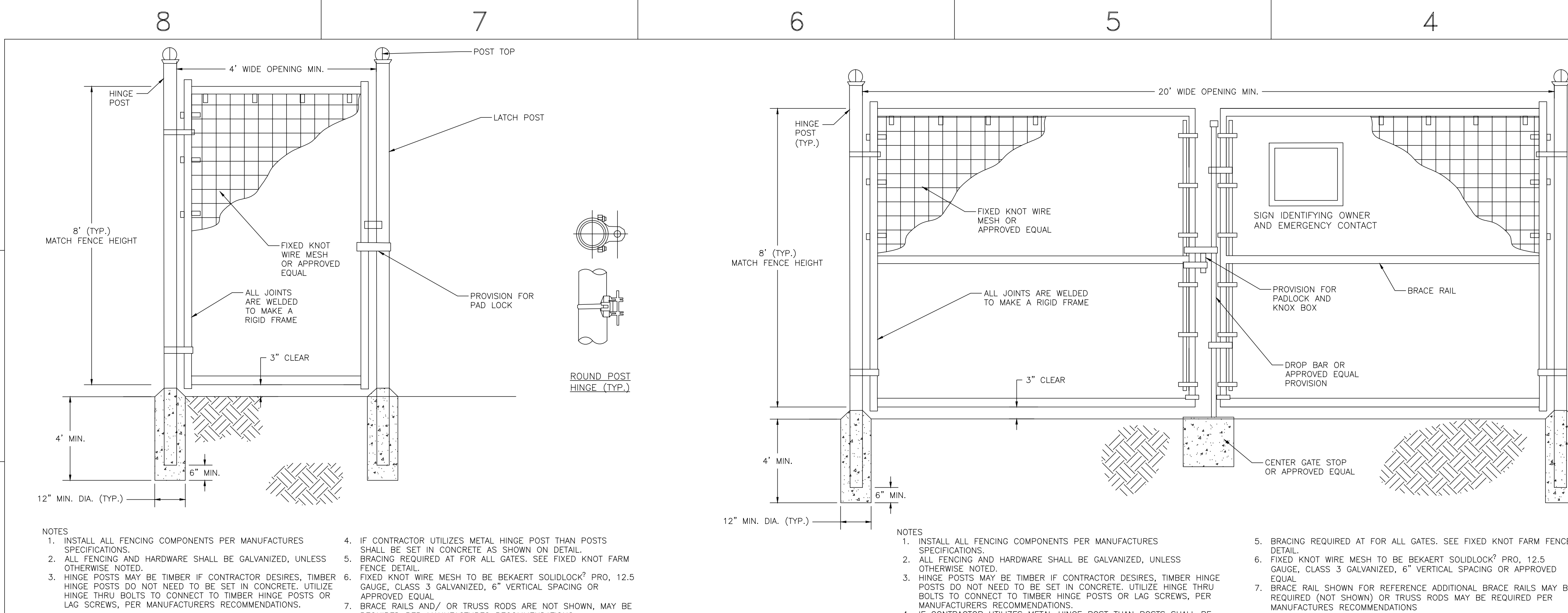
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EROSION AND SEDIMENT CONTROL DETAILS
Drawing Title:

Dwg No: C-600 Size: D Sheet Rev: E

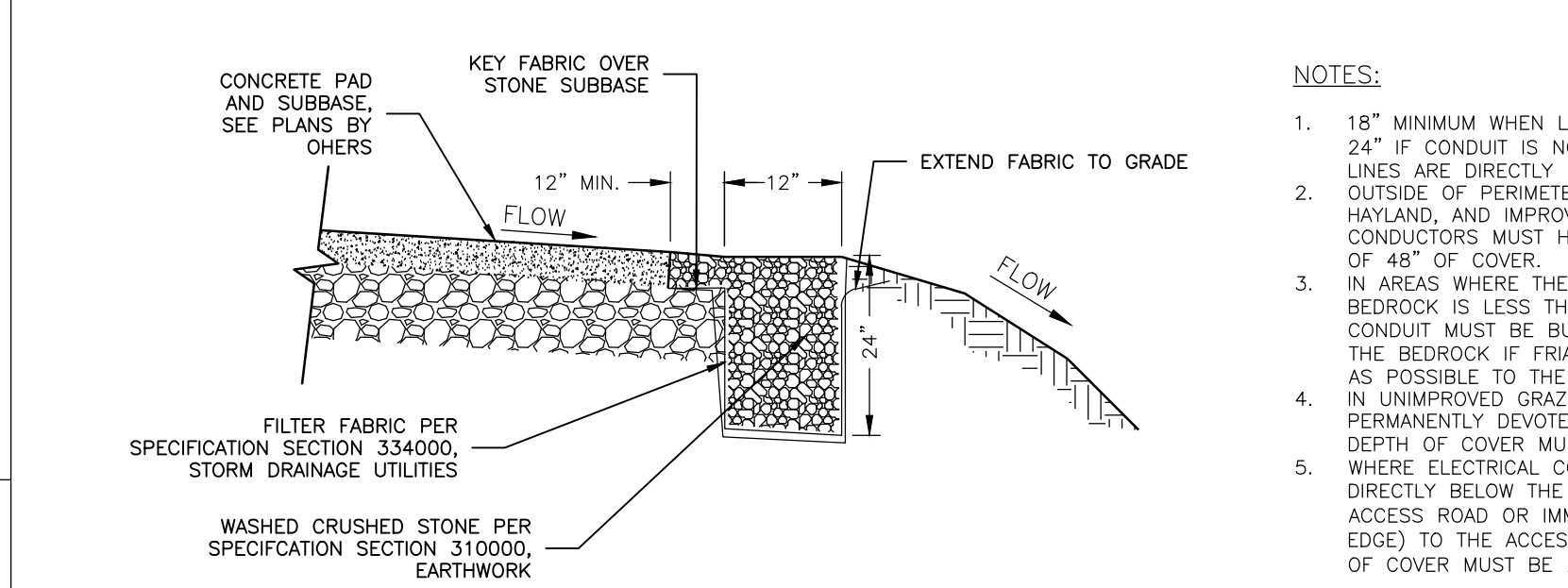
Scale: AS SHOWN Approved by: TJM
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1 FIXED KNOT FARM FENCE - PERSONNEL GATE
NOT TO SCALE

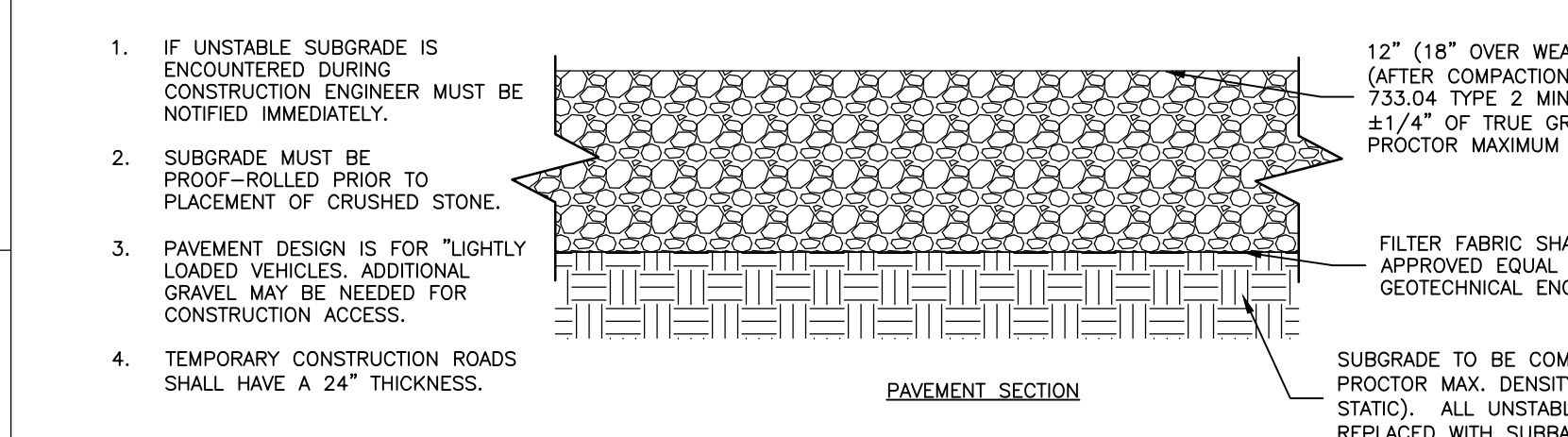
5 FIXED KNOT FARM FENCE - DOUBLE GATE
NOT TO SCALE



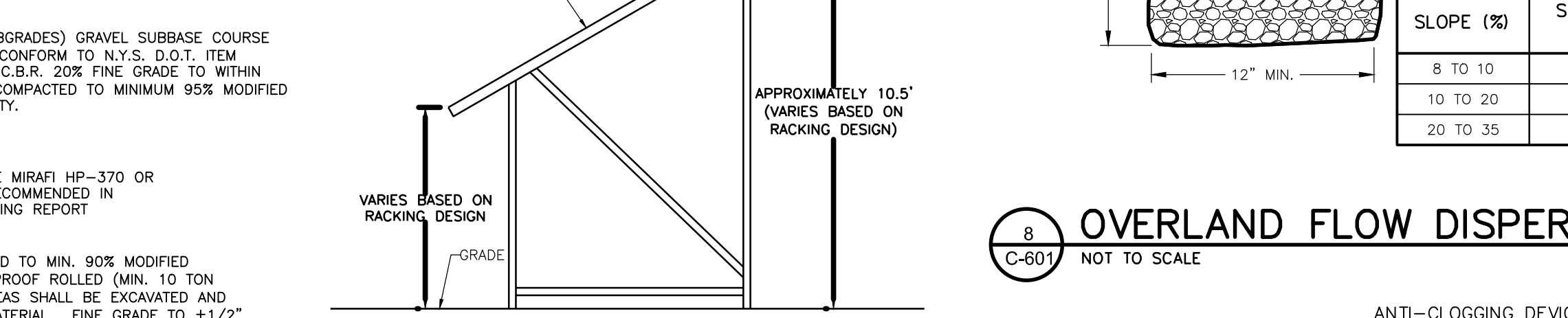
2 GRAVEL DIAPHRAGM
NOT TO SCALE



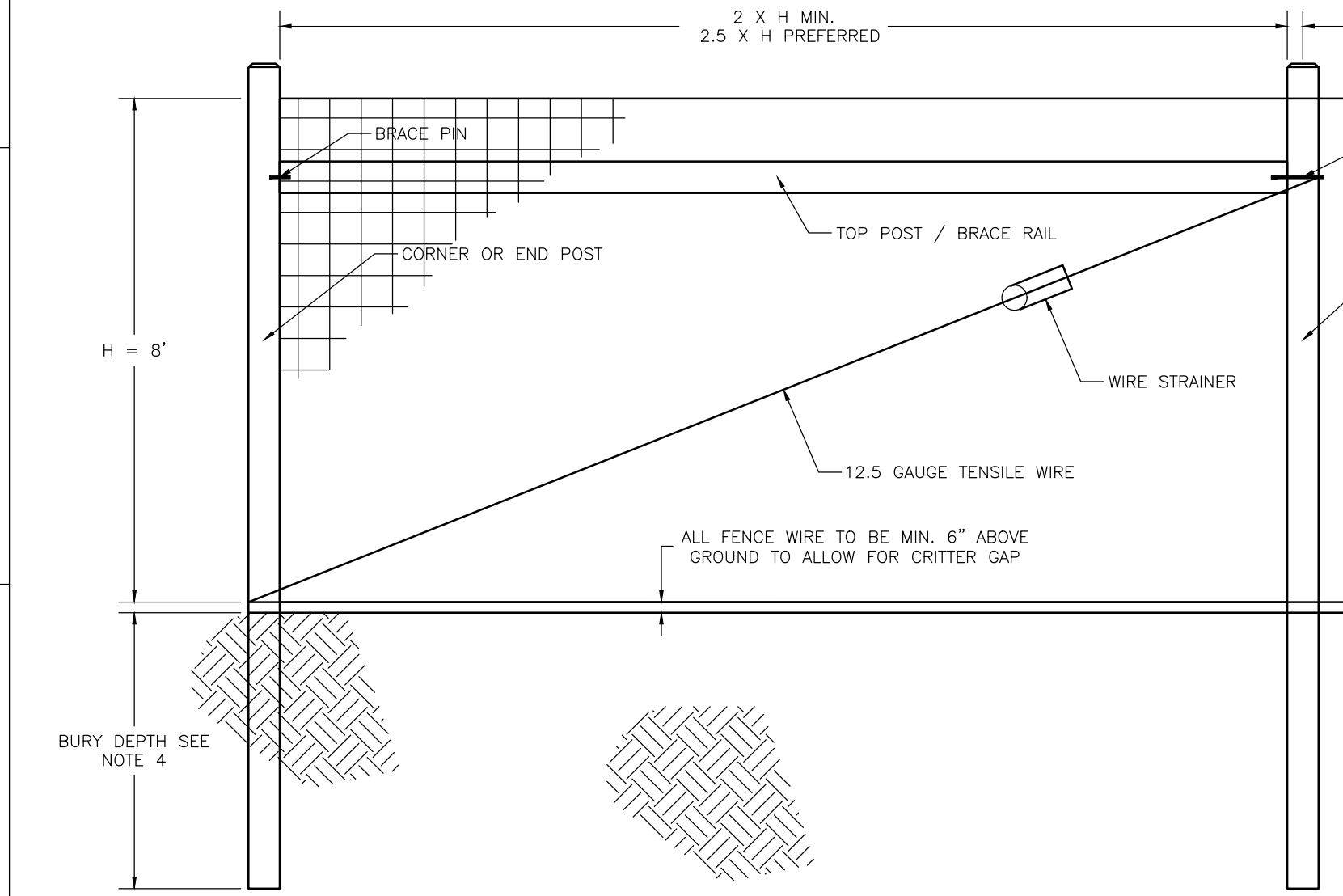
6 MV CABLE TRENCH
NOT TO SCALE



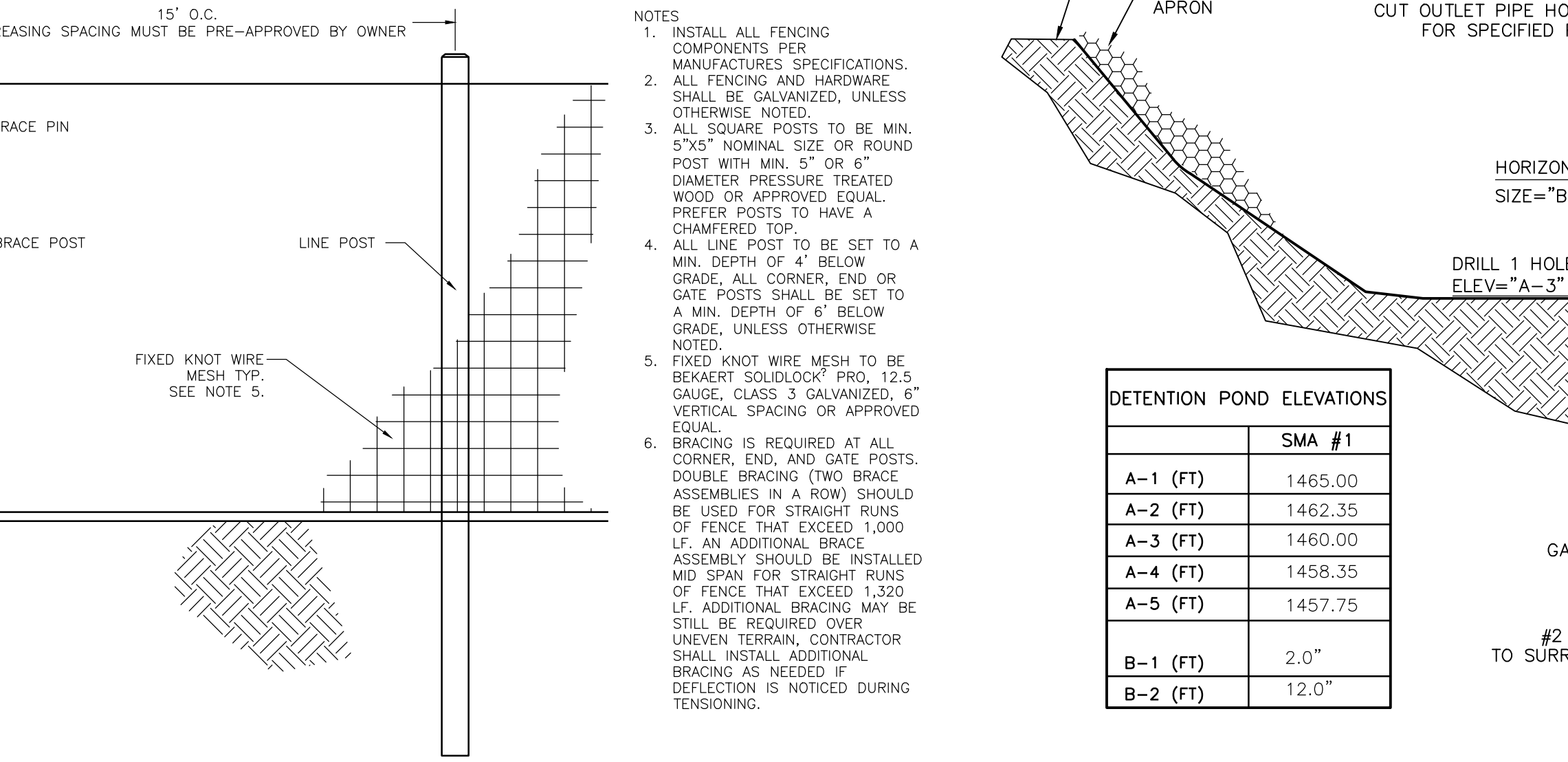
3 GRAVEL ACCESS DRIVE SECTION
NOT TO SCALE



7 SOLAR ARRAY RACK DETAIL
NOT TO SCALE



4 FIXED KNOT FARM FENCE
NOT TO SCALE



9 MICROPOL EXTENDED DETENTION POND
NOT TO SCALE

GENERAL NOTES:

THE ENVIRONMENTAL DESIGN PARTNERSHIP IS NOT RESPONSIBLE FOR ANY CONSTRUCTION WORK PERFORMED PRIOR TO FINAL APPROVAL OF ALL PLANS AND SECURING OF ALL PERMITS AND FILING OF ALL MAPS.

CONTRACTOR TO ARRANGE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL DESIGN PARTNERSHIP AND MUNICIPALITY PRIOR TO CONSTRUCTION.

FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP AND THE MUNICIPALITY'S ENGINEER PRIOR TO CONSTRUCTION.

CONTRACTOR IS TO VERIFY THAT ALL NECESSARY WORK PERMITS AND EASEMENTS ARE IN PLACE PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AND TAKE ALL SPECIAL TEMPORARY AND PERMANENT PRECAUTIONS NECESSARY TO ENSURE A STABLE AND SECURE JOB.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY TOWN, COUNTY OR STATE HIGHWAY CUT PERMITS.

THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION AND BECOME FAMILIAR WITH THE CONDITIONS OF EACH PERMIT.

THE CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS, AND DRIVEWAYS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RIGHT-OF-WAY PROPERTY LINES PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES SUCH AS GAS, POWER, TELEPHONE, CABLE TV, WATER, SEWER, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION.

AS PER NYS INDUSTRIAL CODE 53: CONTRACTOR TO CALL DIG SAFELY NEW YORK, INC. AT 1-800-492-7982 TO LOCATE BURIED CABLES OR OTHER UNDERGROUND UTILITIES NO LESS THAN TWO OR MORE THAN TEN WORKING DAYS PRIOR TO DIGGING, DRILLING, EXCAVATING, DRIVING POSTS, ETC.

CONTRACTOR MUST VERIFY THE ACCEPTABILITY OF ALL CONSTRUCTION MATERIALS WITH OWNER'S ENGINEER PRIOR TO ORDERING.

INSTALLATION AND MATERIAL SPECIFICATIONS FOR STORM SEWER SHALL CONFORM TO THE MUNICIPALITY'S STANDARD DETAILS AND REQUIREMENTS. INSTALLATION PROCEDURES AND MATERIALS MUST BE VERIFIED WITH MUNICIPALITY PRIOR TO CONSTRUCTION.

ANY EXISTING STORM SEWERS AND UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL HAVE THEIR EXACT LOCATION CHECKED AT THE SITE BEFORE CONSTRUCTION BEGINS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING PIPE INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES WHICH RESULT MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, GRADES, PIPE INVERTS AND ELEVATIONS AND REVIEW WITH CONSULTANT BEFORE CONSTRUCTION.

ALL EXCAVATION TO MEET OSHA AND NYS DOT SAFETY REGULATIONS AND STANDARDS.

THE CONTRACTOR SHALL FILL IN, AND RE-EXCAVATE, AS NECESSARY TO RESUME WORK. ANY EXCAVATIONS OR TRENCHING AT LOCATIONS AND AS OFTEN AS MAY BE REQUIRED TO ENSURE PROTECTION OF THE WORK, ANY ADJACENT EXISTING FACILITIES, OR THE PUBLIC.

THE CONTRACTOR SHALL CLEAN UP THE JOB SITE DAILY BEFORE LEAVING THE JOBSITE. ALL RUBBISH MUST BE CLEANED UP AND CONSTRUCTION EQUIPMENT MUST BE PROPERLY TAKEN CARE OF AND STORED AT THE END OF THE DAY.

CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND SAFETY DURING CONSTRUCTION. THE CONTRACTOR SHALL FURNISH ALL FLAGMEN AND SIGNS, DELINEATORS, BARRIERS, AND DEVICES NECESSARY FOR TRAFFIC CONTROL DURING ANY EARTH-MOVING OPERATION OR OTHER CONSTRUCTION ACTIVITY WHICH INVOLVES PUBLIC HIGHWAYS.

ALL TRAFFIC SIGNS, CONTROL DEVICES AND INFORMATIONAL ITEMS, IF DISTURBED DURING CONSTRUCTION WITHIN CONTRACT LIMIT LINES, SHALL BE RELOCATED AS PER APPROVAL OF MUNICIPALITY.

RESTORATION OF PAVEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPLACE AND RESTORE PAVEMENT WITH MATERIAL TO A CONDITION EQUAL TO OR BETTER THAN PRECONSTRUCTION CONDITIONS. ALL PAVED AND RIGHT-OF-WAY RESTORATION WORK TO BE DONE TO THE SATISFACTION OF THE STATE, COUNTY OR LOCAL MUNICIPAL HIGHWAY DEPARTMENT.

CONTRACTOR SHALL RESTORE ALL LAWNS, DRIVEWAYS, WALKS, WALLS, CURBS, FENCES, ETC. TO A CONDITIONS AT LEAST AS GOOD AS THEY WERE BEFORE BEING DISTURBED.

SPACING BETWEEN GRAVEL DIAPHRAGMS SHALL NOT EXCEED THE MAXIMUM SPACING SPECIFIED IN TABLE 1 FOR ANY FLOW PATH, LEAVING A SOLAR PANEL EDGE FOR ANY FLOW PATH PERPENDICULAR TO THE CONTOURS.

GRAVEL DIAPHRAGMS MAY BE CONTIGUOUS OR STAGGERED TO ALLOW MAINTENANCE ACCESS IN THE INTER-ROW SPACE. IF STAGGERED, PROVIDE SUFFICIENT OVERLAP, ALONG THE CONTOUR, TO ENSURE NO PERPENDICULAR FLOW PATH WILL BYPASS THE DOWNGRADE GRAVEL DIAPHRAGM AND THEREFORE EXCEED THE MAXIMUM SPACING REQUIREMENTS.

GRAVEL MATERIAL, FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSDOT ITEM 703-02 SIZE DESIGNATION 3-5 OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF AND SPREAD WITH A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED.

TO MINIMIZE SEDIMENT ACCUMULATION IN THE GRAVEL DIAPHRAGM, THE GEOTEXTILE FABRIC SHALL BE WRAPPED OVER THE TOP UNTIL FINAL STABILIZATION IS ACHIEVED. THE GEOTEXTILE OVER THE TOP SHALL BE REMOVED ONCE FINAL STABILIZATION IS ACHIEVED.

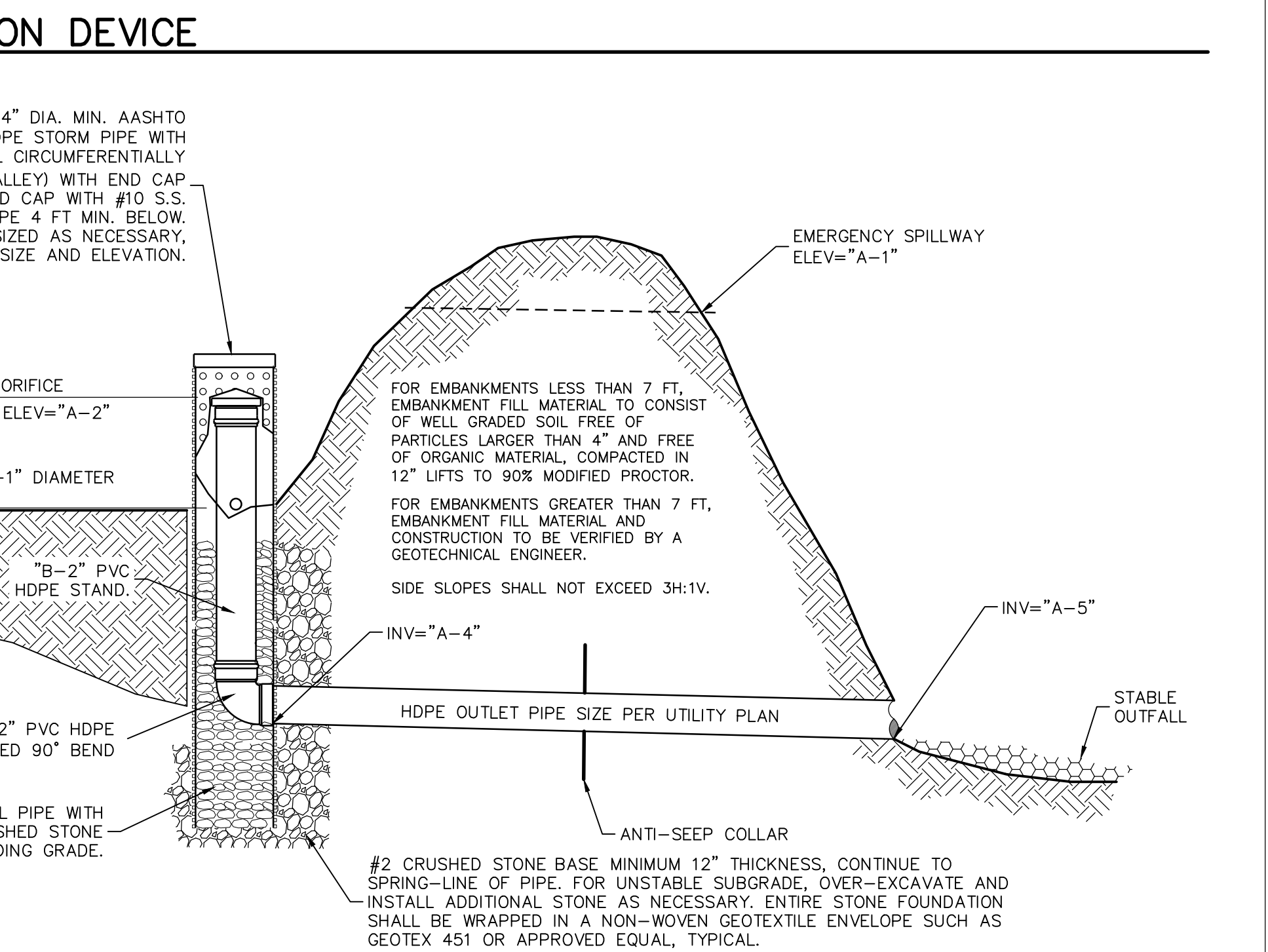
MIRAFI 140N FILTER FABRIC OR APPROVED EQUAL WILL SURROUND THE GRAVEL DIAPHRAGM. THE GEOTEXTILE LAYER SHALL MAINTAIN MATERIAL SEPARATION, ALLOW INFILTRATION TO MATCH NATURAL SOIL CONDITIONS, AND PROVIDES STRUCTURAL SUPPORT FOR MOWING AND OTHER MAINTENANCE VEHICLE ACTIVITIES. TO PREVENT EXCESS SILT AND DEBRIS DURING CONSTRUCTION, IT IS RECOMMENDED TO LEAVE EXCESS FABRIC TO FOLD OVER THE DIAPHRAGM FROM THE UPGRADIENT SIDE. THE EXCESS FABRIC SHOULD BE REMOVED ONCE THE SLOPE HAS BEEN VEGETATED AND STABILIZED.

THE GRAVEL DIAPHRAGM SHALL NOT BE DRIVEN UPON DURING SOLAR PANEL CONSTRUCTION ACTIVITIES, UNLESS THE GRAVEL IS PROTECTED WITH A RIGID BARRIER TO MINIMIZE COMPACTION, SUCH AS WITH PLYWOOD.

THE LOCATIONS OF THE OVERLAND FLOW DISPERSION DEVICES INDICATED ON THE PLANS ARE IN APPROXIMATE POSITIONS. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL CONDUCT A FIELD VERIFICATION TO CONFIRM THE PRECISE LOCATIONS. THE DISPERSION DEVICES SHALL BE INSTALLED LEVEL AND PARALLEL TO THE EXISTING GRADE TO ENSURE PROPER FUNCTIONALITY.

TABLE 1: SPACING

| SLOPE (%) | SPACING (FT) |
|-----------|--------------|
| 8 TO 10 | 100 |
| 10 TO 20 | 75 |
| 20 TO 35 | 50 |



8 OVERLAND FLOW DISPERSION DEVICE
NOT TO SCALE

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SITE DETAILS

Dwg No: Size: D Sheet Rev: **C-601 E**

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WETLAND DISTURBANCE PLAN LEGEND

NOTE: PERMANENT AND TEMPORARY DISTURBED WETLAND AREAS WITHIN THE SOLAR ARRAY TO BE SEEDED WITH PINELANDS NURSERY; WET SITE POLLINATOR MEADOW MIX AT A RATE OF 15 LB/ACRE OR OWNER APPROVED EQUAL. PERMANENT AND TEMPORARY DISTURBED WETLANDS AREAS OUTSIDE OF SOLAR ARRAY TO BE SEEDED WITH PINELANDS NURSERY, LOW GROW MIX FOR WET SITE AT A RATE OF 20 LB/ACRE OR OWNER APPROVED EQUAL

- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES 100-FT WETLAND BUFFER AREA
- DENOTES IMPERVIOUS GRAVEL ACCESS ROAD
- DENOTES FIXED KNOT FARM FENCE
- DENOTES FIXED TILT SOLAR PANEL (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE

3
C-601

4
C-601

6
C-601

B
C-601

H

G

F

E

D

C

B

A

PROPERTY LINE

PROPOSED TREELINE

STONE WALL

FENCE POSTS INSTALLATION DISTURBANCE

SOLAR PANELS (DESIGNED BY OTHERS)

WETLAND 'A'

PERMANENT WETLAND DISTURBANCE FROM INSTALLATION OF RACKING POSTS: 3.14 SF PER POST WITHIN WETLAND AREAS, TYP.

FENCE POSTS INSTALLATION DISTURBANCE

WETLAND 'A'

GRAVEL DIAPHRAGM AS REQUIRED BY NYSDEC FOR PANELS LOCATED ON SLOPES OVER 8%

8' HIGH PERIMETER FIXED KNOT FARM FENCE

1 STORY BUILDING

EDGE OF WOODS

DIRT ROAD

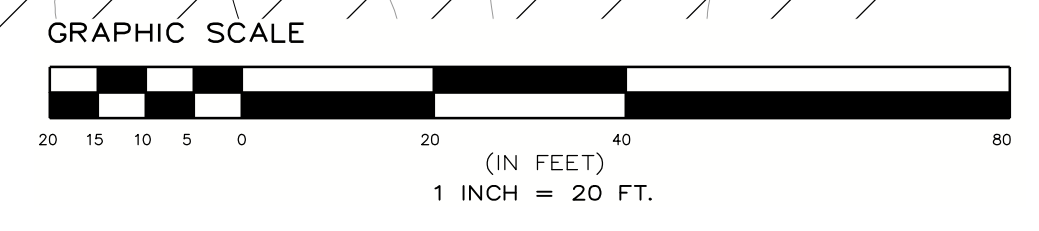
LIMITS OF DISTURBANCE AREA = ±18.72 ACRES

PERMANENT WETLAND DISTURBANCE FROM RACKING POLE INSTALLATION:
USACE WETLAND (WETLAND A) - 134 POSTS (3.14 SF PER POST) = 421 SF

PERMANENT WETLAND DISTURBANCE FROM GRAVEL DIAPHRAGM INSTALLATION:
USACE WETLAND (WETLAND A) - 585 SF

PERMANENT WETLAND DISTURBANCE FROM FENCE POST INSTALLATION:
USACE WETLAND (WETLAND A) - 61 SF

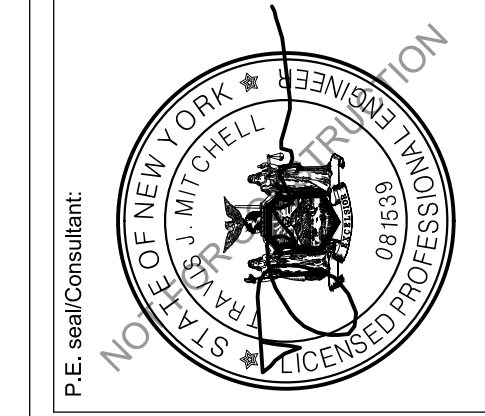
TOTAL PERMANENT DISTURBANCE - ±1,067 SF (±0.025 AC)



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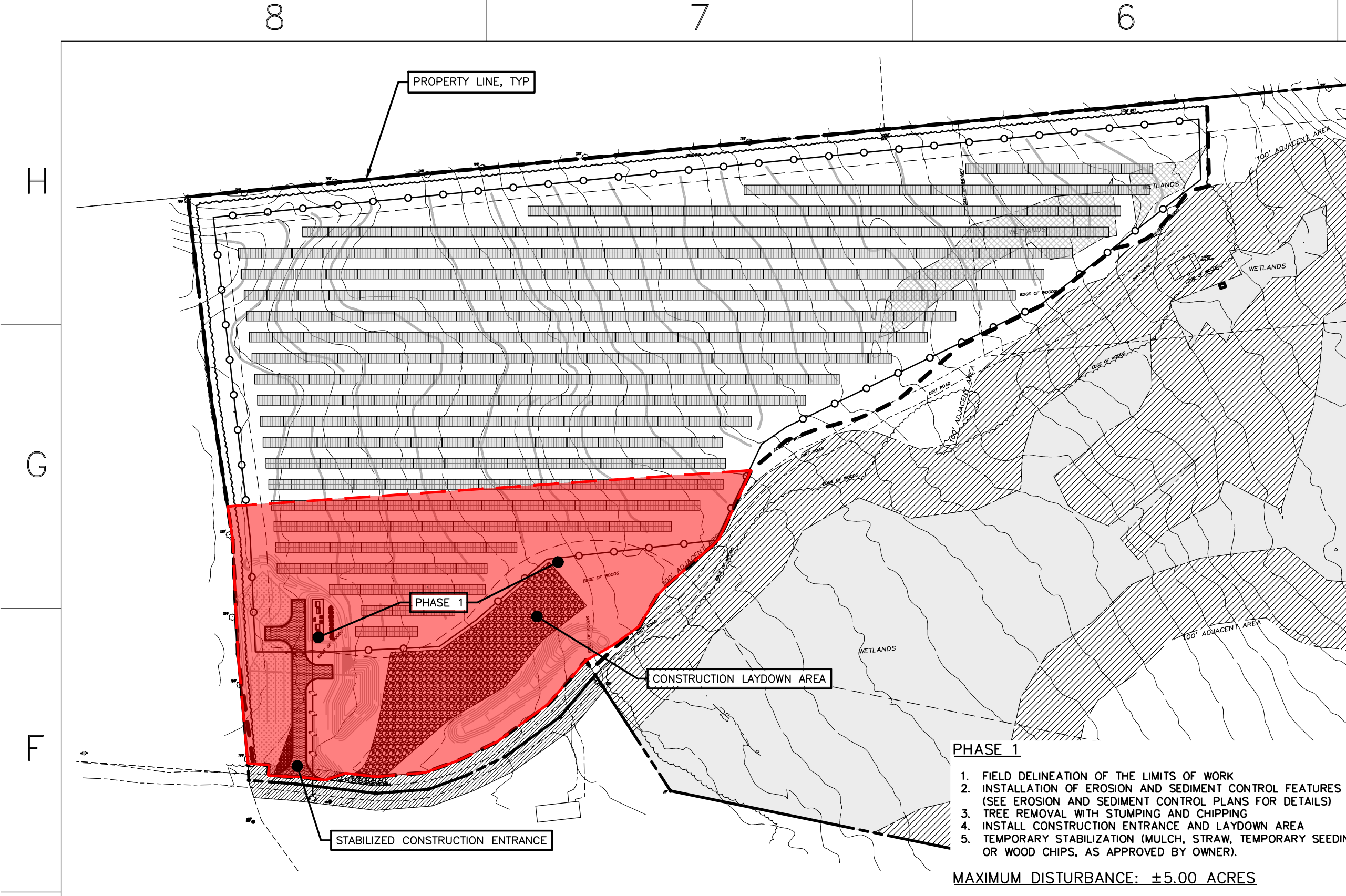
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WETLAND DISTURBANCE PLAN

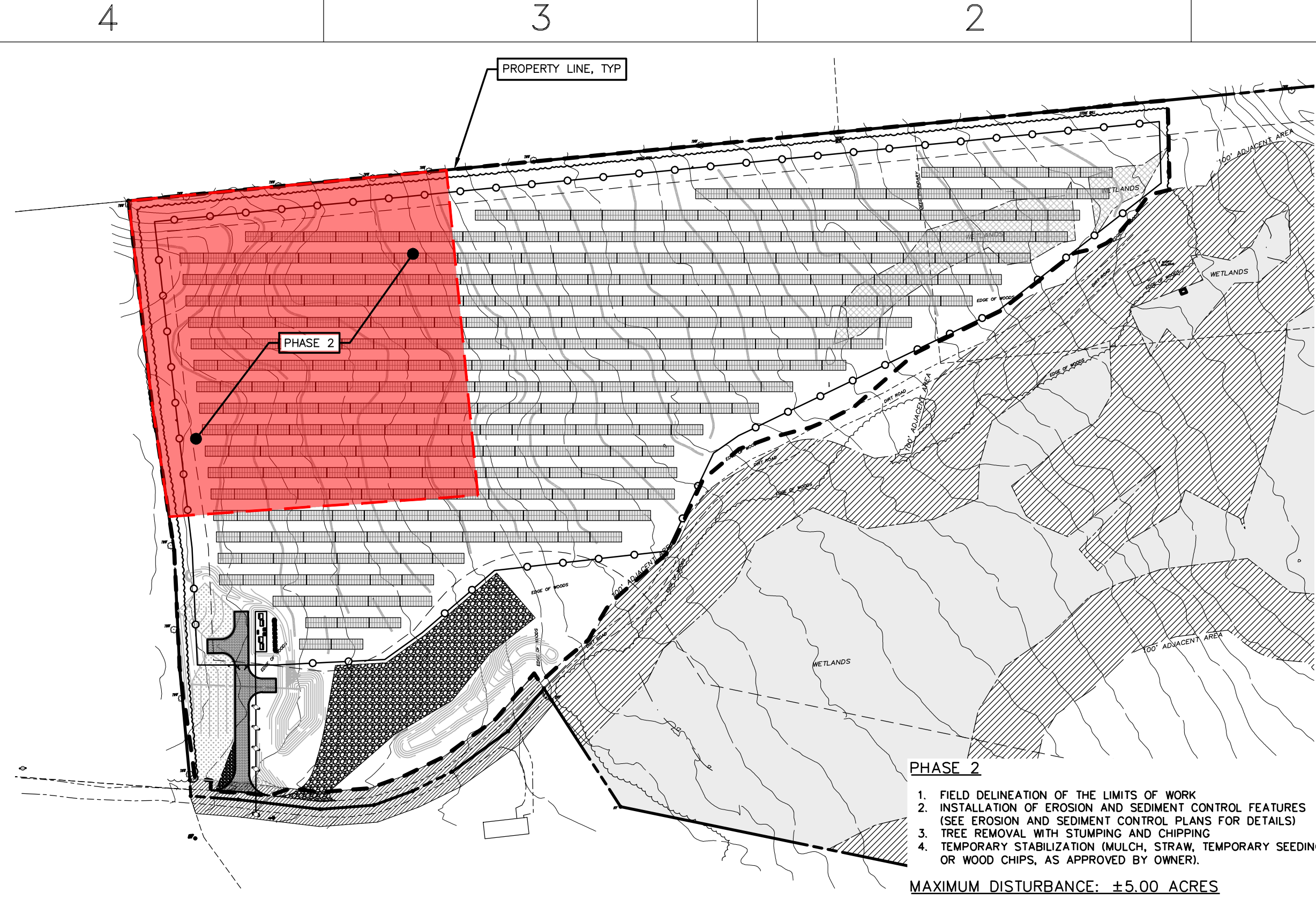
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Drawn by: BMW

Dwg No: **C-700** Size: D Sheet Rev: **E**

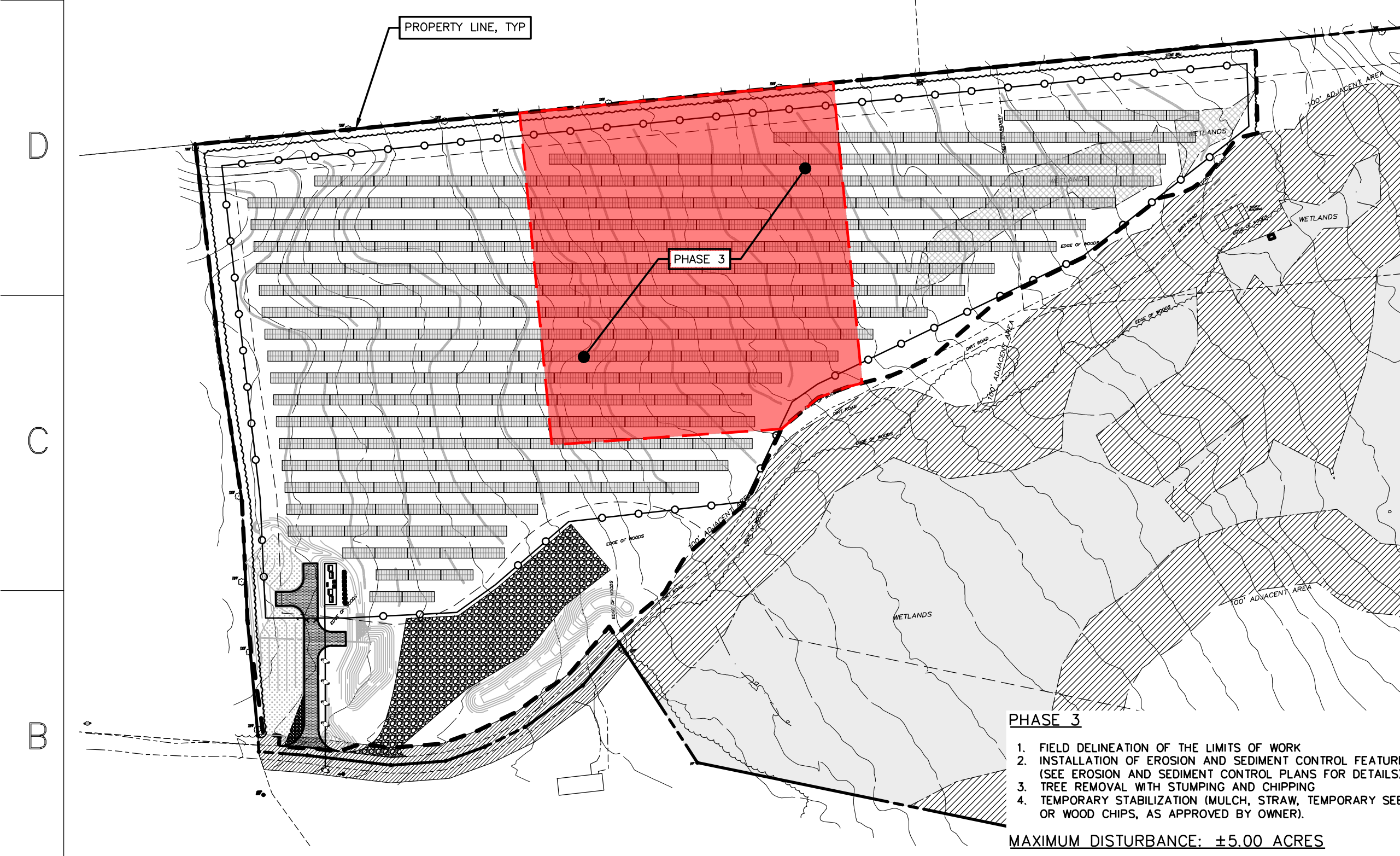
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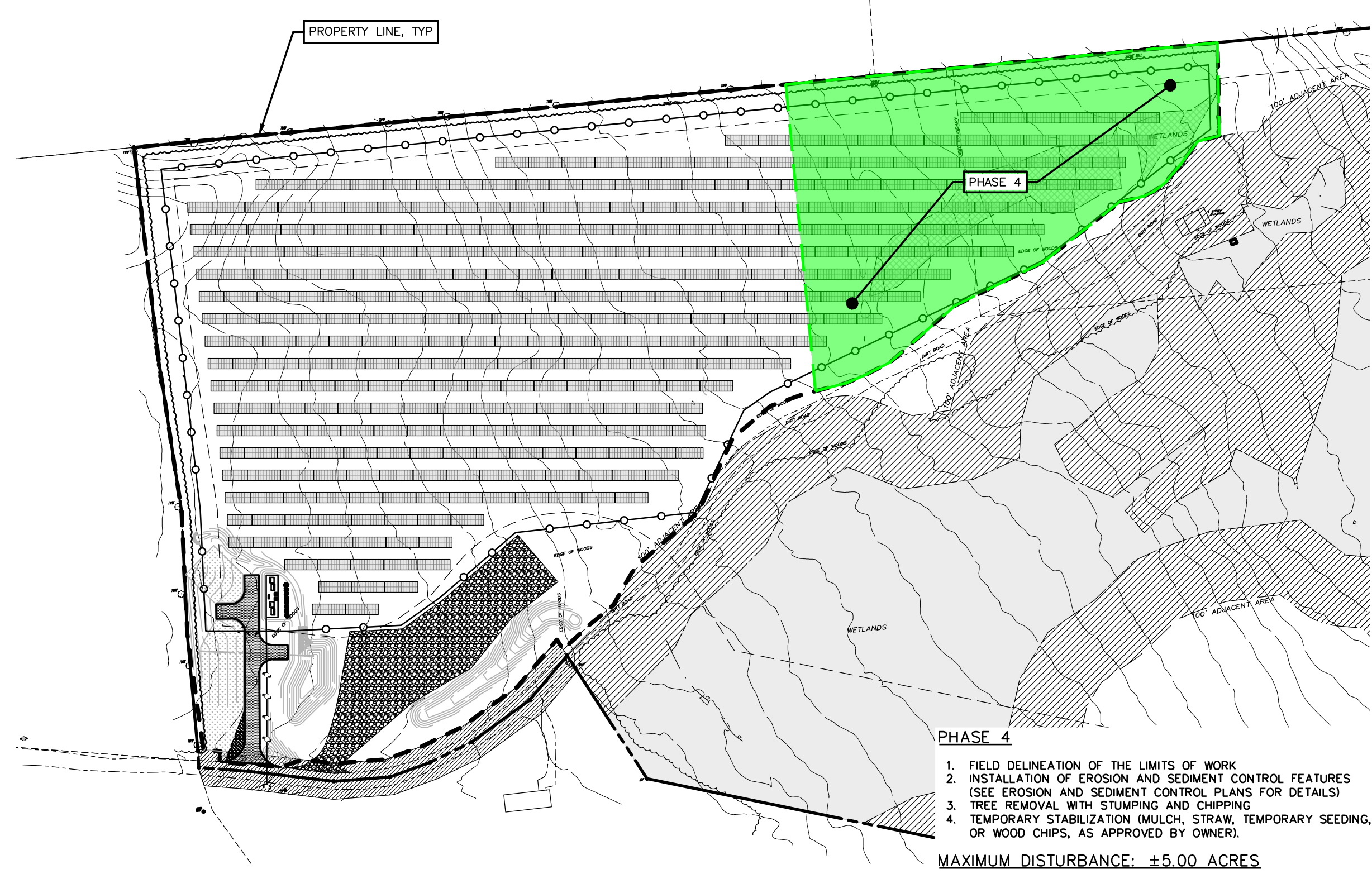
PHASE 1 DISTURBANCE
SCALE: 1"=150'



PHASE 2 DISTURBANCE
SCALE: 1"=150'



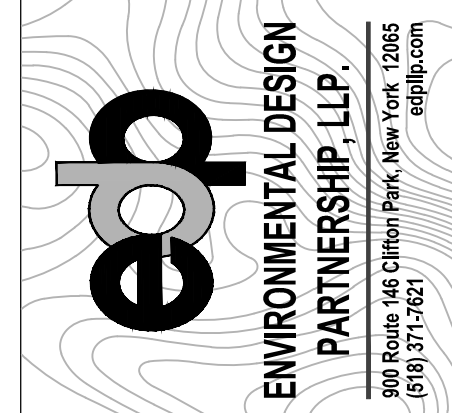
PHASE 3 DISTURBANCE
SCALE: 1"=150'



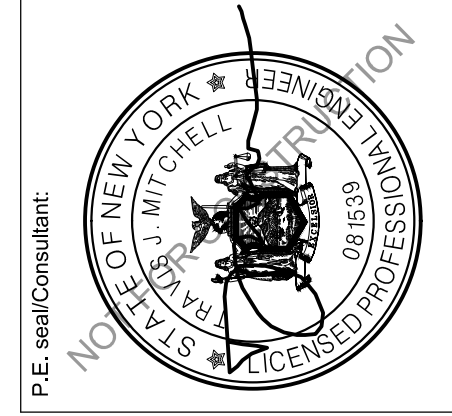
PHASE 4 DISTURBANCE
SCALE: 1"=150'



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| E | EXTERNAL REVIEW REVISIONS | 1/28/2026 |

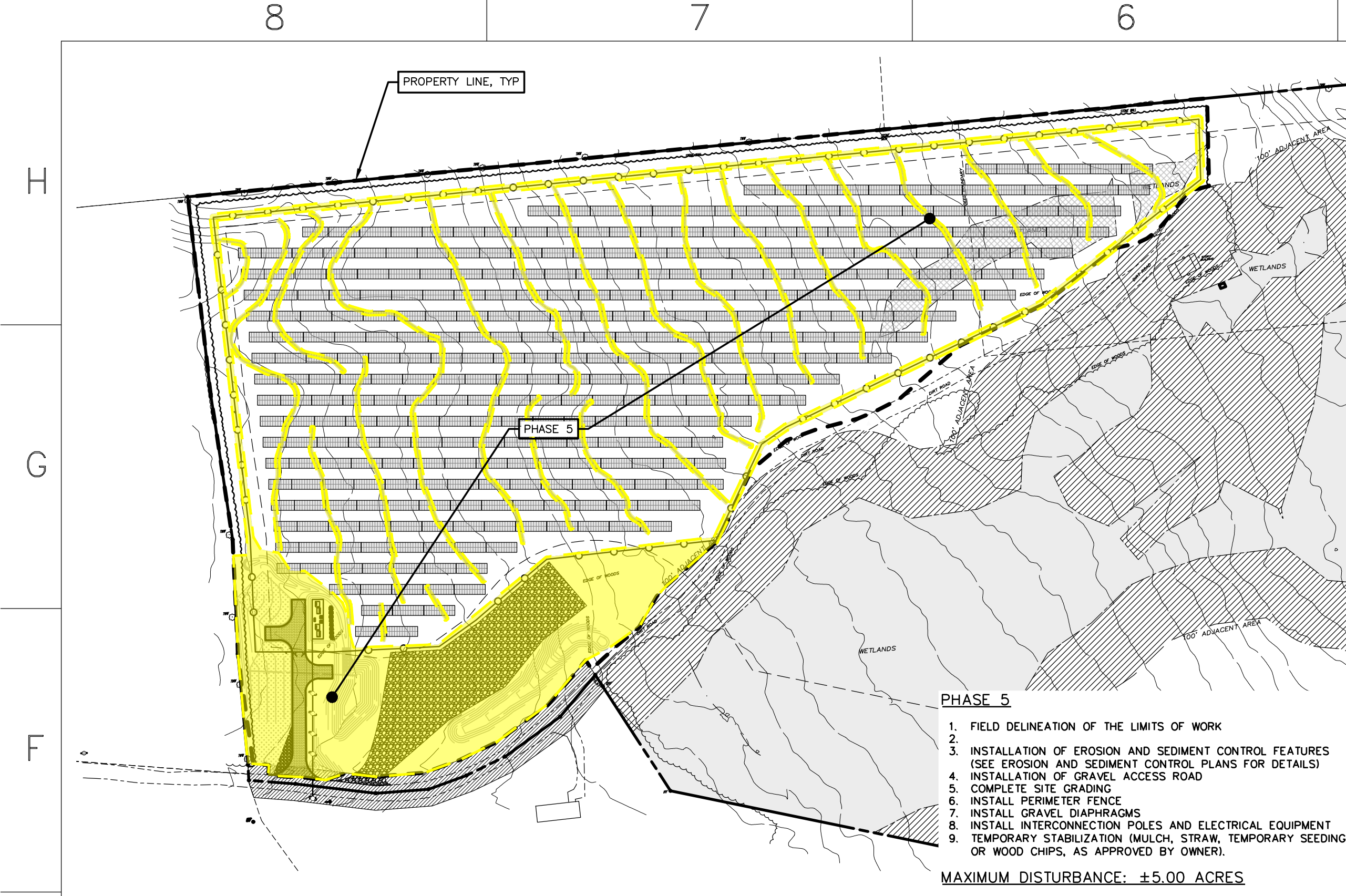


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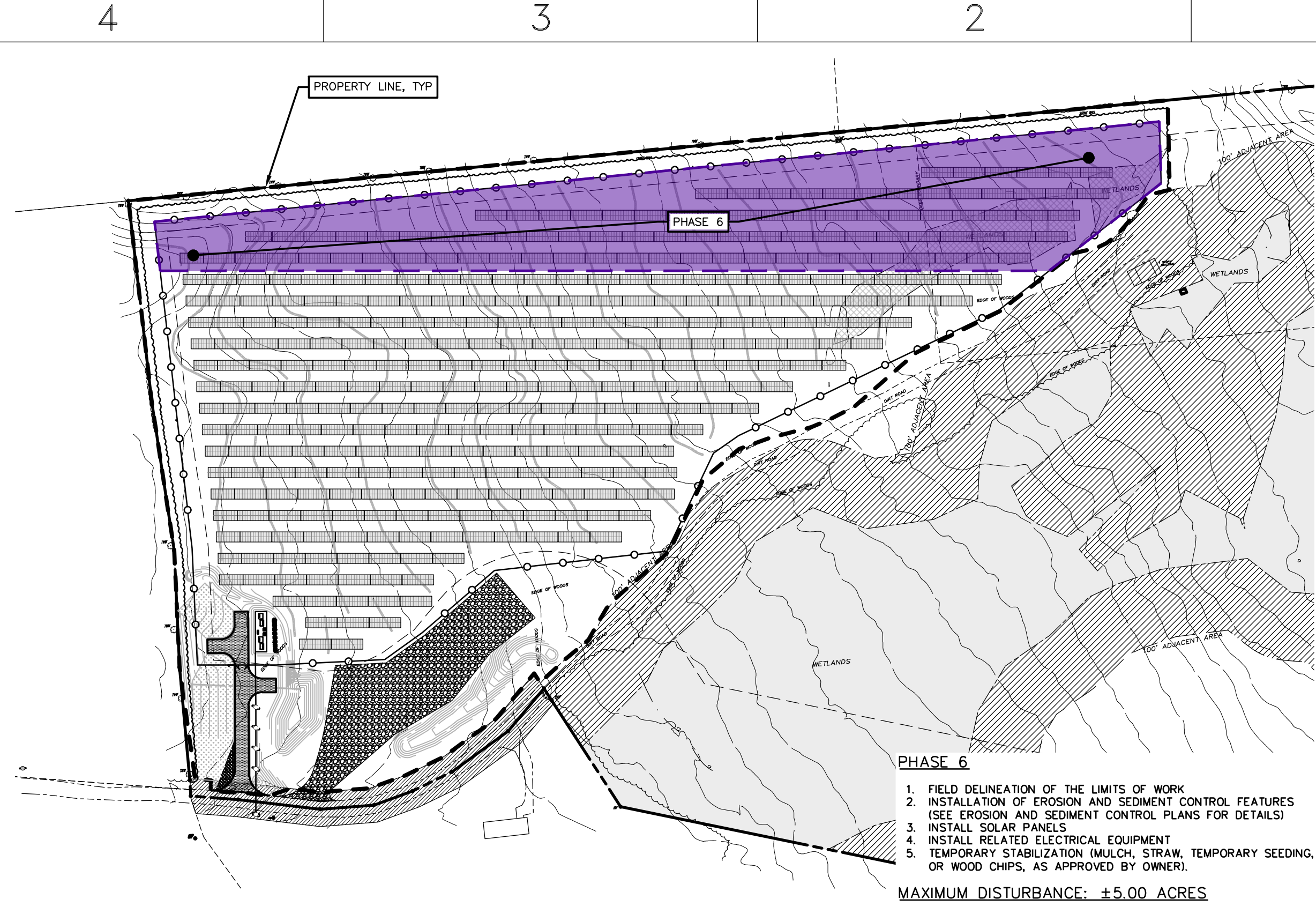
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Drawing by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-800** Size: D Sheet Rev: **E**

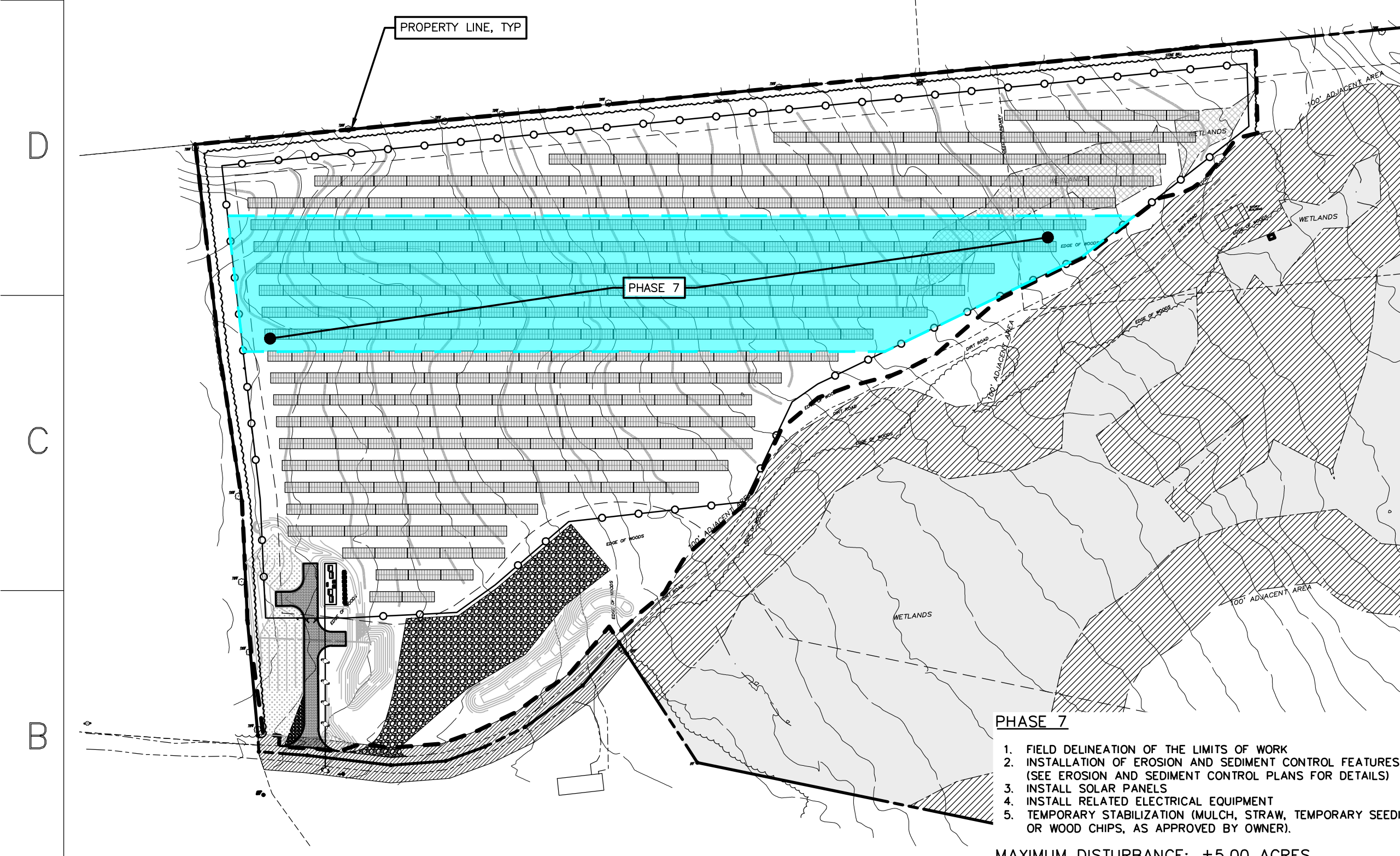
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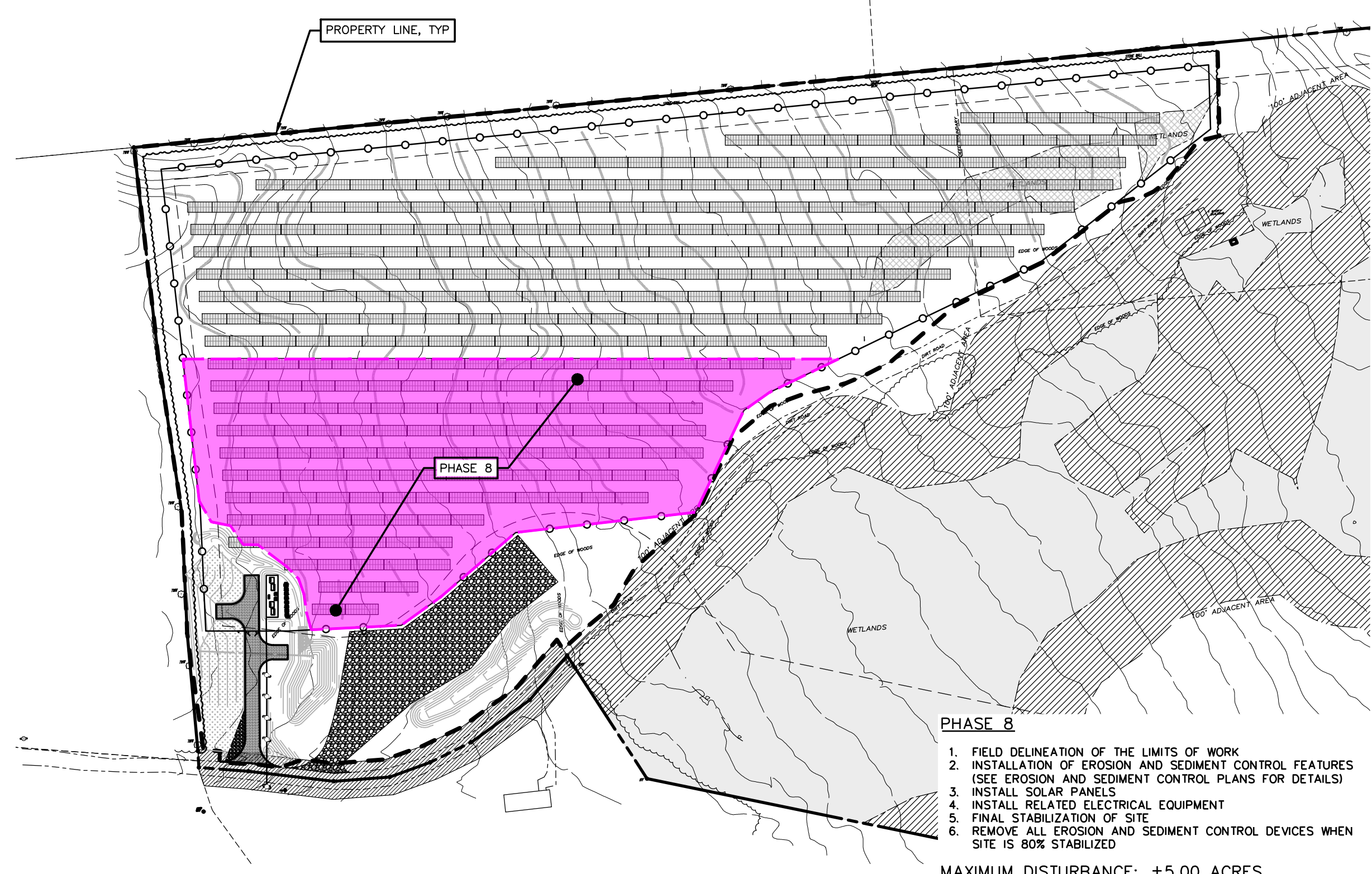
PHASE 5 DISTURBANCE
SCALE: 1"=150'



PHASE 6 DISTURBANCE
SCALE: 1"=150'



PHASE 7 DISTURBANCE
SCALE: 1"=150'



PHASE 8 DISTURBANCE
SCALE: 1"=150'

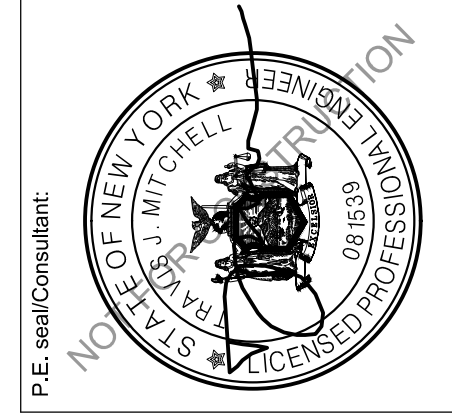


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PHASING PLAN
Drawing Title: _____
Project: _____
Drawn by: BMW Scale: AS SHOWN Approved by: TJM

Dwg No: **C-801** Size: D Sheet Rev: **E**

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PLANTING PLAN LEGEND

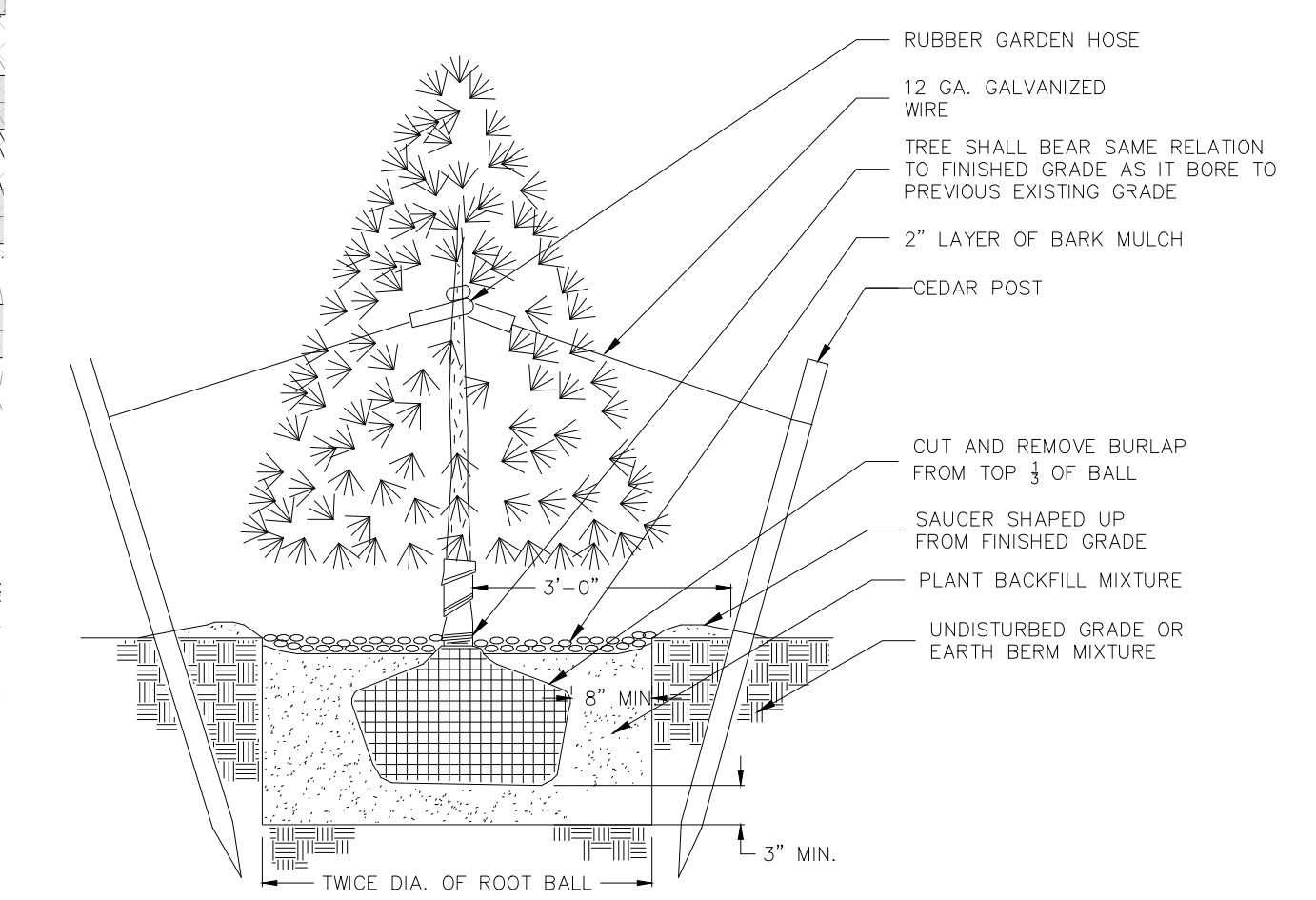
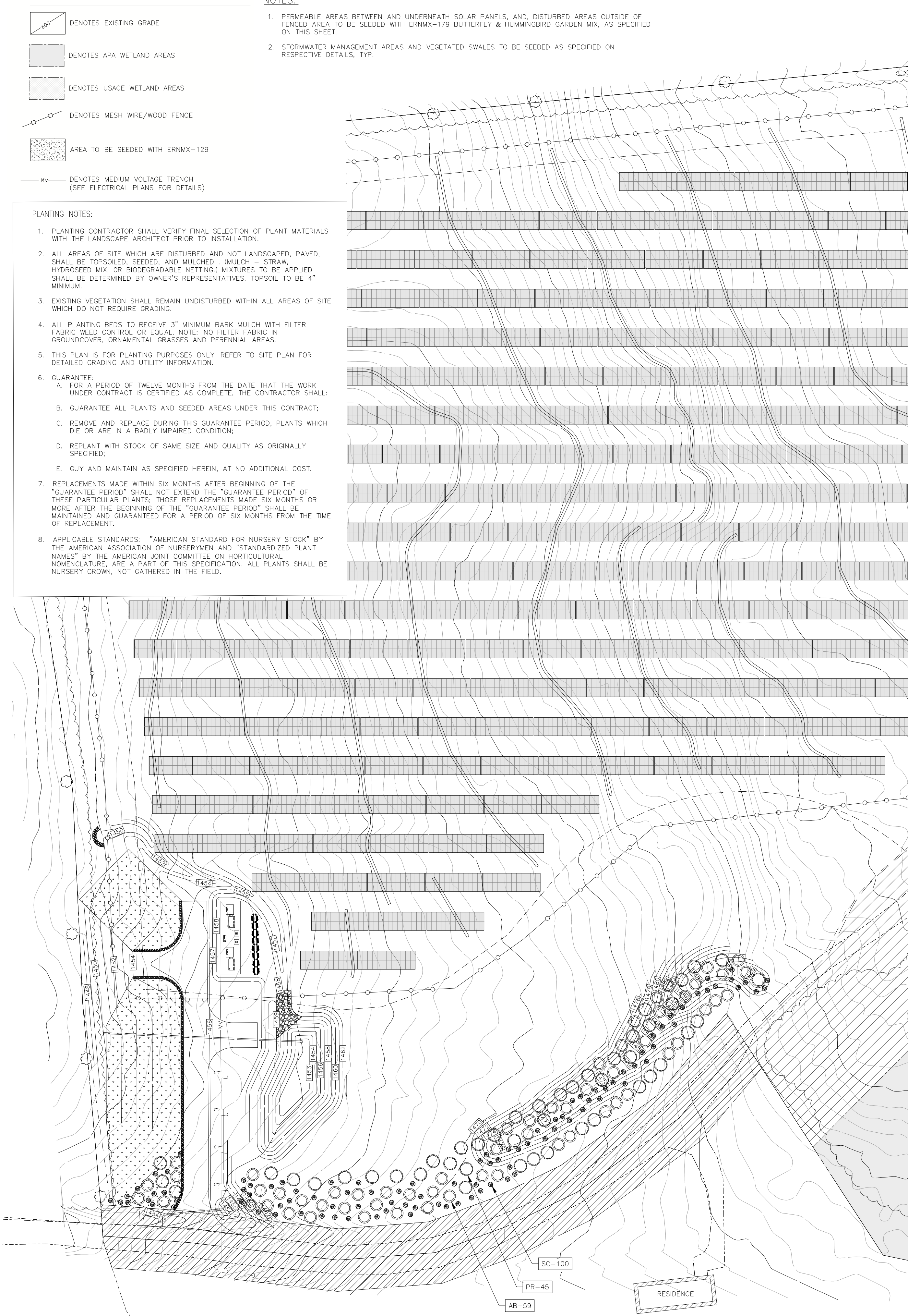
- DENOTES EXISTING GRADE
- DENOTES APA WETLAND AREAS
- DENOTES USACE WETLAND AREAS
- DENOTES MESH WIRE/WOOD FENCE
- AREA TO BE SEEDED WITH ERNM-129
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS)

NOTES:

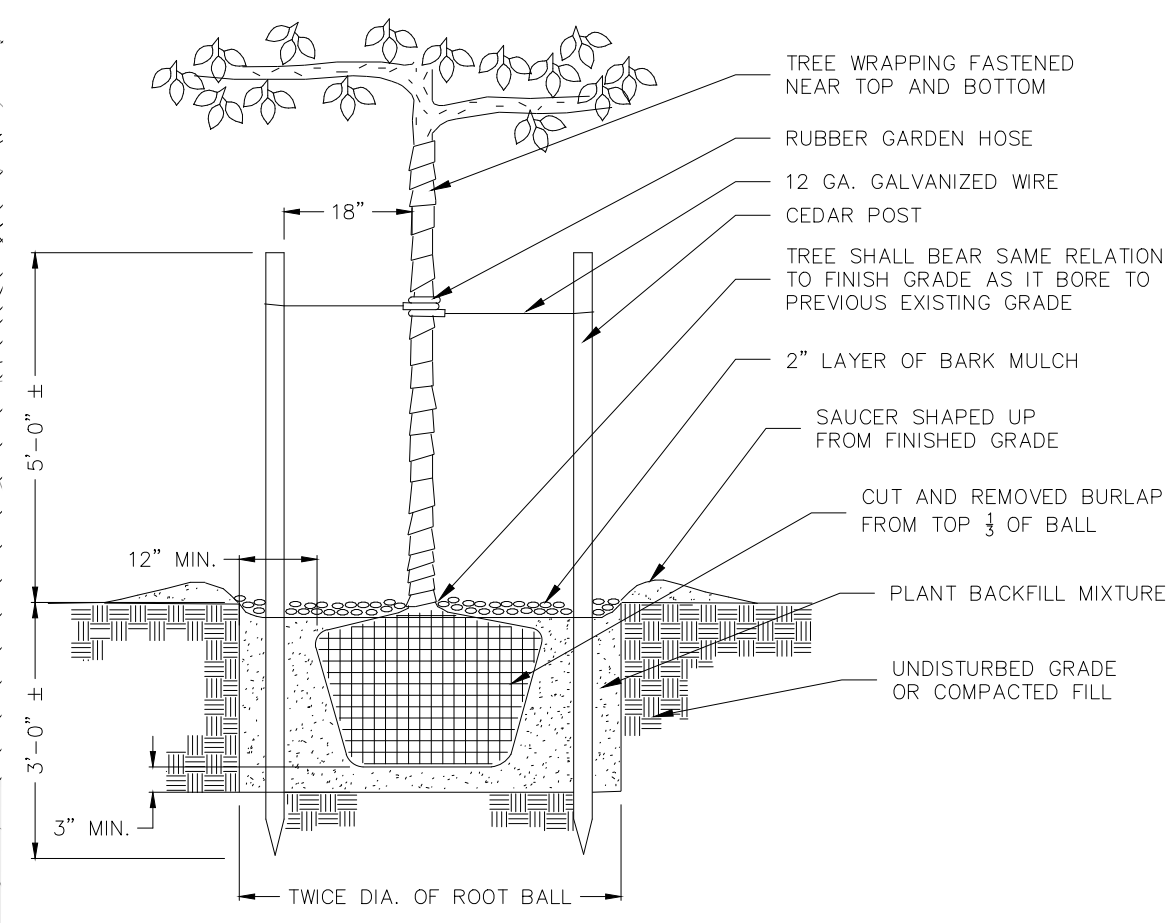
1. PERMEABLE AREAS BETWEEN AND UNDERNEATH SOLAR PANELS, AND, DISTURBED AREAS OUTSIDE OF FENCED AREA TO BE SEEDED WITH ERNM-179 BUTTERFLY & HUMMINGBIRD GARDEN MIX, AS SPECIFIED ON THIS SHEET.
2. STORMWATER MANAGEMENT AREAS AND VEGETATED SWALES TO BE SEEDED AS SPECIFIED ON RESPECTIVE DETAILS, TYP.

PLANTING NOTES:

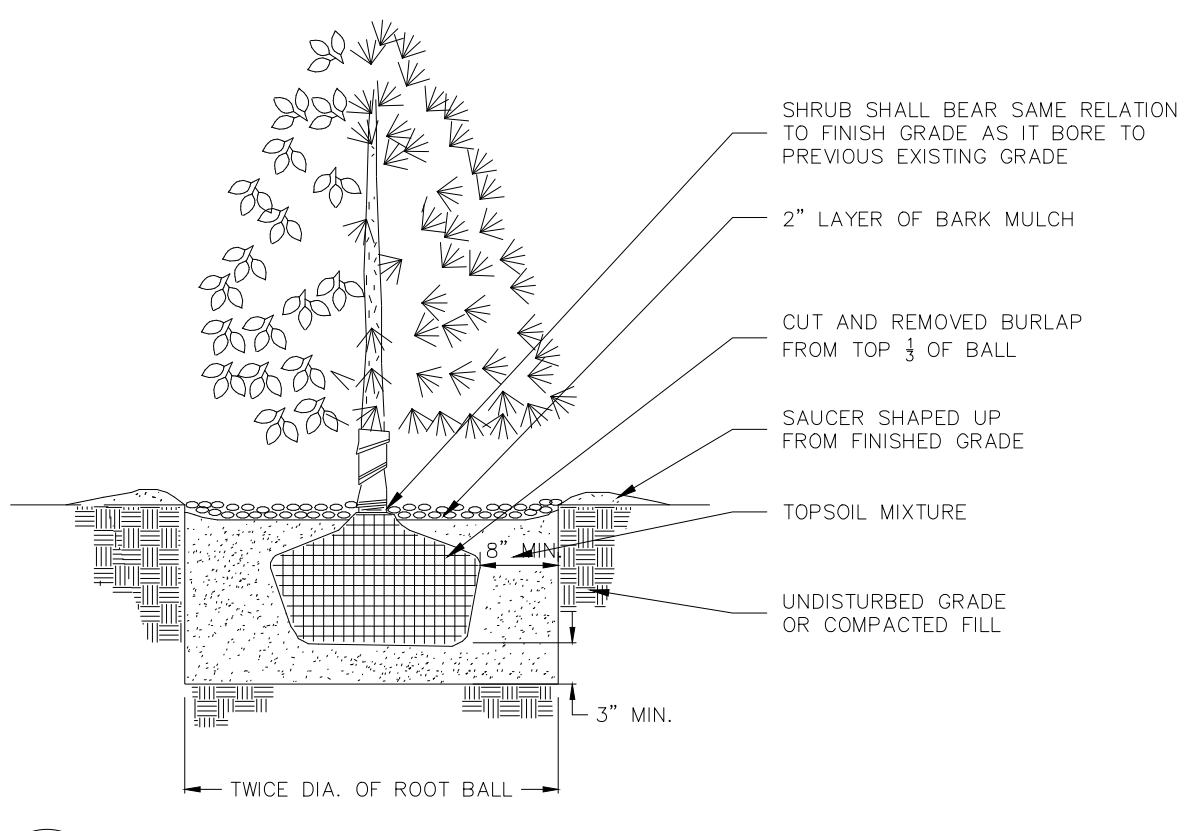
1. PLANTING CONTRACTOR SHALL VERIFY FINAL SELECTION OF PLANT MATERIALS WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. ALL AREAS OF SITE WHICH ARE DISTURBED AND NOT LANDSCAPED, PAVED, SHALL BE TOPSOILED, SEEDED, AND MULCHED (MULCH - 3" STRAW, HYDROSEED MIX, OR BIODEGRADABLE NETTING) MIXTURES TO BE APPLIED SHALL BE DETERMINED BY OWNER'S REPRESENTATIVES. TOPSOIL TO BE 4" MINIMUM.
3. EXISTING VEGETATION SHALL REMAIN UNDISTURBED WITHIN ALL AREAS OF SITE WHICH DO NOT REQUIRE GRADING.
4. ALL PLANTING BEDS TO RECEIVE 3" MINIMUM BARK MULCH WITH FILTER FABRIC WEED CONTROL OR EQUAL. NOTE: NO FILTER FABRIC IN GROUNDCOVERS, ORNAMENTAL GRASSES AND PERENNIAL AREAS.
5. THIS PLAN IS FOR PLANTING PURPOSES ONLY. REFER TO SITE PLAN FOR DETAILED GRADING AND UTILITY INFORMATION.
6. GUARANTEE:
 - A. FOR A PERIOD OF TWELVE MONTHS FROM THE DATE THAT THE WORK UNDER CONTRACT IS CERTIFIED AS COMPLETE, THE CONTRACTOR SHALL:
 - B. GUARANTEE ALL PLANTS AND SEEDED AREAS UNDER THIS CONTRACT;
 - C. REMOVE AND REPLACE DURING THIS GUARANTEE PERIOD, PLANTS WHICH DIE OR ARE IN A BADLY IMPAIRED CONDITION;
 - D. REPLANT WITH STOCK OF SAME SIZE AND QUALITY AS ORIGINALLY SPECIFIED;
 - E. GUY AND MAINTAIN AS SPECIFIED HEREIN, AT NO ADDITIONAL COST.
7. REPLACEMENTS MADE WITHIN SIX MONTHS AFTER BEGINNING OF THE "GUARANTEE PERIOD" SHALL NOT EXTEND THE "GUARANTEE PERIOD" OF THESE PARTICULAR PLANTS; THOSE REPLACEMENTS MADE SIX MONTHS OR MORE AFTER THE BEGINNING OF THE "GUARANTEE PERIOD" SHALL BE MAINTAINED AND GUARANTEED FOR A PERIOD OF SIX MONTHS FROM THE TIME OF REPLACEMENT.
8. APPLICABLE STANDARDS: "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND "STANDARDIZED PLANT NAMES" BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE, ARE A PART OF THIS SPECIFICATION. ALL PLANTS SHALL BE NURSERY GROWN, NOT GATHERED IN THE FIELD.



1 CONIFEROUS TREE
NOT TO SCALE



2 DECIDUOUS TREE
NOT TO SCALE



3 SHRUB PLANTING
NOT TO SCALE

ERNST SOLAR SEED MIX: FUZZ AND BUZZ MIX STANDARD (ERNM-146)

| QUANTITY | SPECIES | COMMON | APPLICATION RATE |
|----------|--|--|------------------|
| 26.4% | LOLIUM PERENNE, "GRAVE", TETRAPLOID | PERENNIAL RYEGRASS, "GRAVE", TETRAPLOID | 26.5 LB PER ACRE |
| 18.9% | DCTYLIS GLOMERATA, "PENNLATE" | ORCHARDGRASS, "PENNLATE" | |
| 18.9% | FSTUCA ELATOR | MEADOW FESCUE | |
| 18.9% | POA PRATENSIS, "TROY" | KENTUCKY BLUEGRASS, "TROY"(PASTURE TYPE) | |
| 5.7% | TRIFOLIUM HYBRIDUM | ALSIKE CLOVER | |
| 5.7% | TRIFOLIUM PRATENSE, MEDIUM, VARIETY NOT STATED | RED CLOVER, MEDIUM, VARIETY NOT STATED | |
| 1.3% | CHRYSANTHEMUM LEUCANTHEMUM | OXEYE DAISY | |
| 1.3% | CICHORIUM INTYBUS | BLUE CHICORY | |
| 1.1% | LOTUS CORNICULATUS, "LEO" | BIRD'S FOOT TREFOL, "LEO" | |
| 0.9% | COREOPSIS LANCEOLATA | LANCELEAF COREOPSIS | |
| 0.9% | SOLIDAGO JUNCEA, PA ECOTYPE | EARLY GOLDENROD, PA ECOTYPE | |

SEED MIX TO BE USED IN ALL AREAS WHERE GROUND DISTURBANCE OCCURS

PLANTING SCHEDULE

| KEY | COMMON | BOTANICAL | SIZE | NO. | SPACING |
|-----|-------------------|--------------------------|------------|-----|----------|
| | BALSAM FIR | ABIES BALSAMEA (ABI) | 10'-12' HT | 59 | AS SHOWN |
| | RED SPRUCE | PICEA RUBENS (PR) | 10'-12' HT | 45 | AS SHOWN |
| | COMMON ELDERBERRY | SAMBUCUS CANADENSIS (SC) | 2'-3' HT | 100 | AS SHOWN |

*NO. DENOTES TOTAL NUMBER OF PROPOSED PLANTINGS FOR ENTIRE SITE PLAN

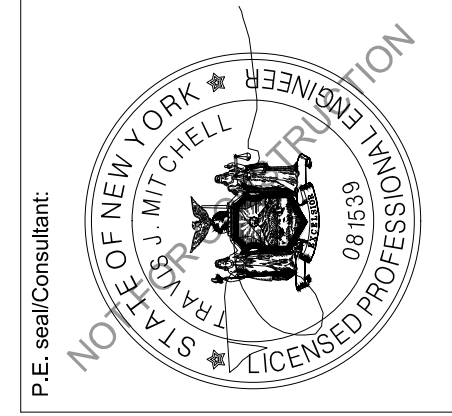
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LANDSCAPING PLAN

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Drawn by: BMW

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