

MOO COW SOLAR PRELIMINARY PLAN APPLICATION

PROPERTY:

2446 VICTORY HIGHWAY
COVENTRY, RHODE ISLAND
AP 304, LOTS 27.1 AND 28

PROPERTY OWNERS

AP 304 LOT 27.1
NARYA LLC
574 GRAVELLY HILL ROAD
SOUTH KINGSTON, RI 02879

AP 304 LOT 28
MOO COW LLC
40 BANK STREET
COVENTRY, RI 02816



PREPARED FOR:

EDPR NA DISTRIBUTED GENERATION LLC
100 PARK AVE, SUITE 2400
NEW YORK, NEW YORK 10017
(203) 482-7817

FEBRUARY 1, 2024

REVISED: APRIL 24, 2024

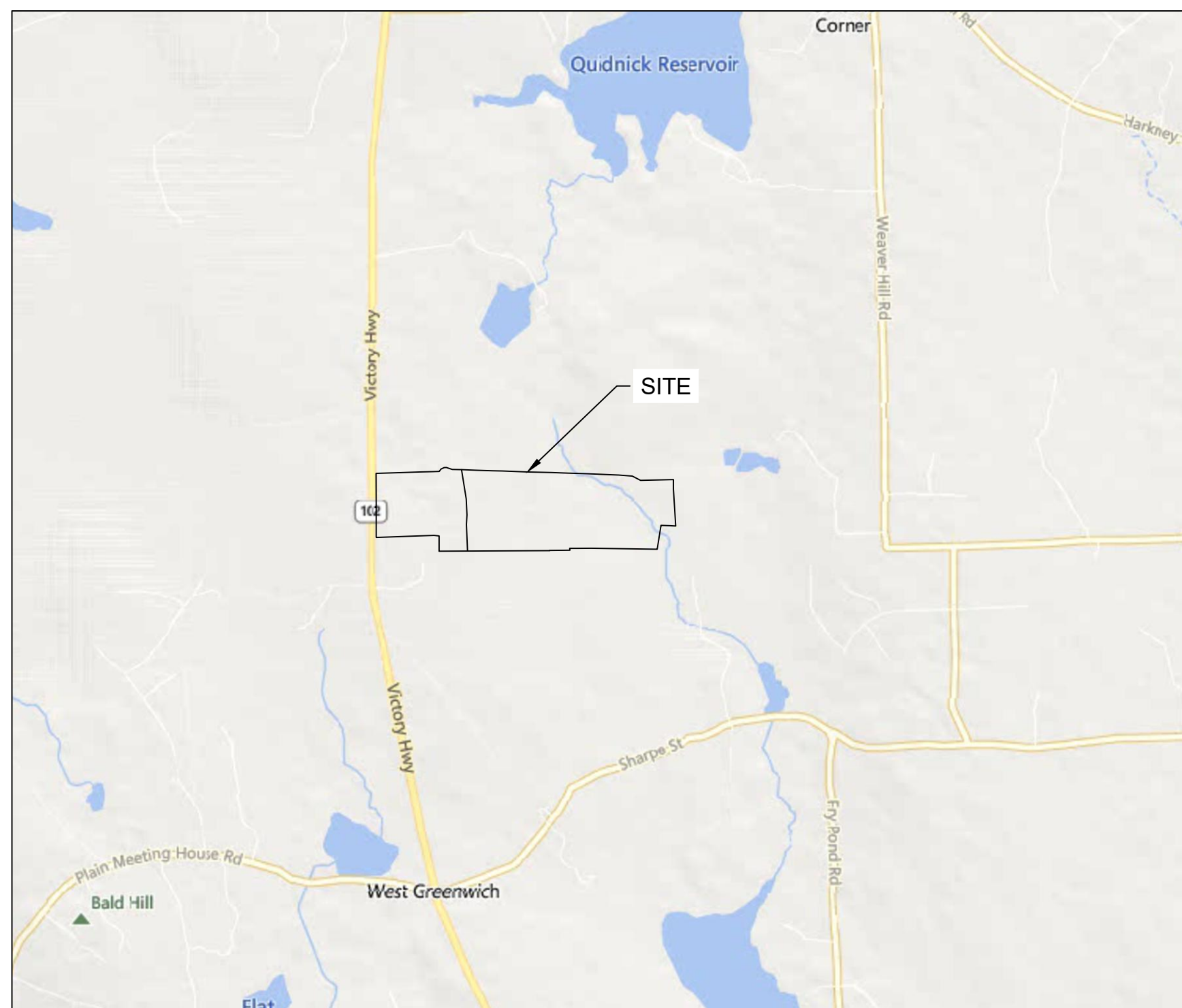
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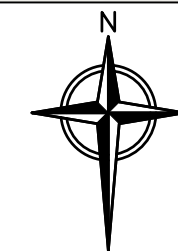
10 HEMINGWAY DRIVE, 2ND FLOOR
EAST PROVIDENCE, RHODE ISLAND 02915
401-434-5560

DRAWING INDEX

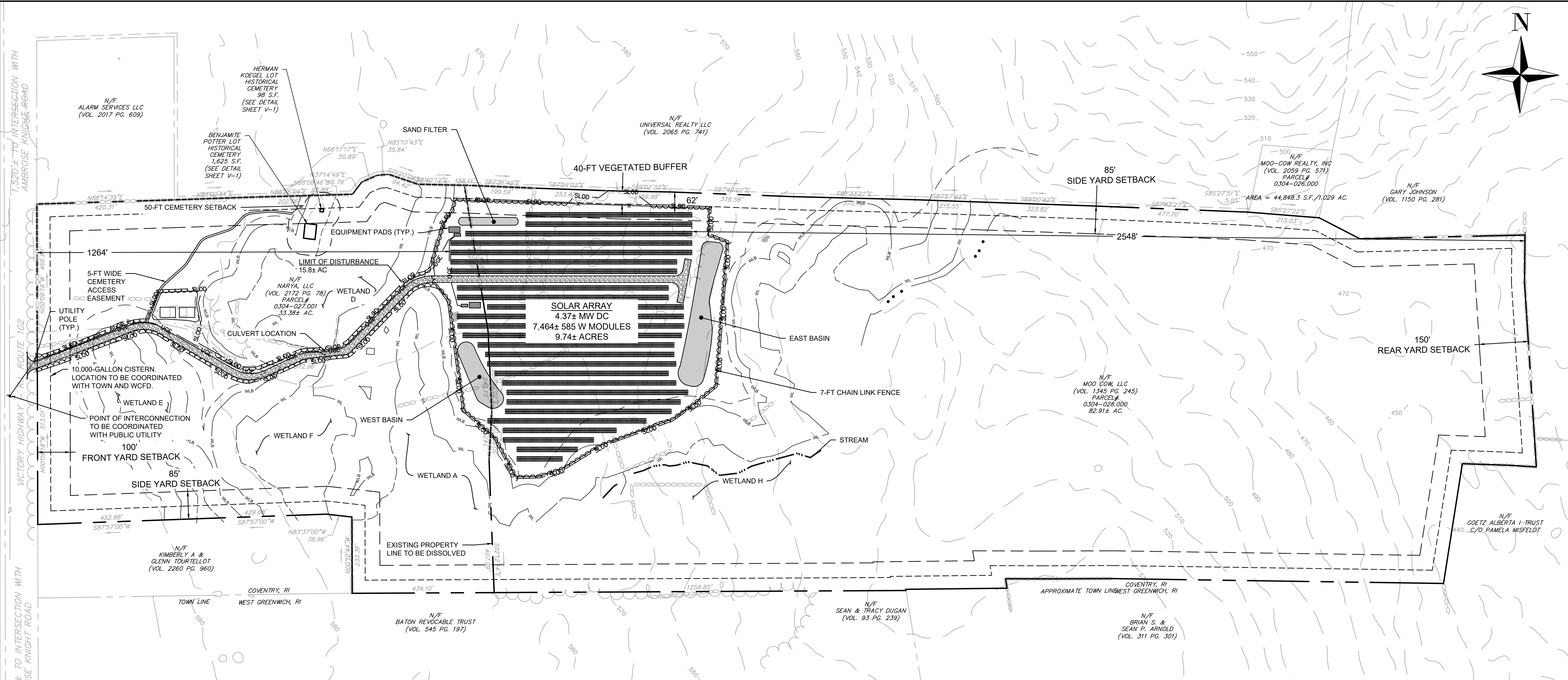
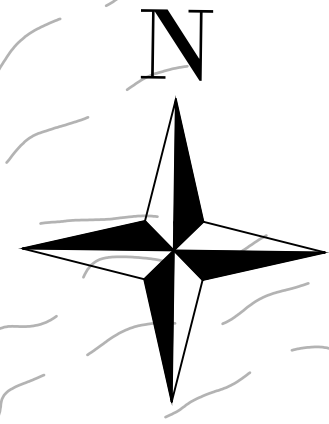
Sheet Number	Sheet Title
-	COVER
N-1	NOTES
SO-1	SITE OVERVIEW
C-1	LAYOUT AND MATERIALS
C-2	LAYOUT AND MATERIALS
C-3	GRADING AND DRAINAGE
C-4	GRADING AND DRAINAGE
C-5	EROSION AND SEDIMENT CONTROL
C-6	EROSION AND SEDIMENT CONTROL
D-1	DETAILS
D-2	DETAILS
D-3	DETAILS
D-4	DETAILS
L-1	LANDSCAPE PLAN
L-2	LANDSCAPE PLAN
L-3	LANDSCAPE DETAILS
L-4	LANDSCAPE DETAILS
ATTACHMENTS	
BASE PLAN: "PROPERTY & TOPOGRAPHIC SURVEY", DATED 03/06/23, LAST REVISED 03/31/23	
"SOLAR GROUND MOUNT SYSTEM AT COVENTRY - MOO COW" PREPARED BY PURE POWER ENGINEERING, DATED 01/31/2024	



LOCATION MAP
SCALE 1"=2000'



FOR PERMITTING ONLY



PROPERTY OWNERS
 AP 304 LOT 27.1
 NARYA LLC, ATT. FRANK A. ROBINSON IV
 574 GRAVELLY HILL RD
 SOUTH KINGSTON, RHODE ISLAND 02879

AP 304 LOT 28
 MOO COW LLC, C/O LEO BLAIS
 40 BANK STREET
 COVENTRY, RHODE ISLAND 02816

APPLICANT
 EDPR NA DISTRIBUTED GENERATION LLC
 100 PARK AVE, SUITE 2400
 NEW YORK, NEW YORK 10017
 (203) 482-7817

LEGAL COUNSEL
 DARROW EVERETT, LLP
 ONE TURKS HEAD PLACE, 12TH FLOOR
 PROVIDENCE, RHODE ISLAND 02903
 (401) 453-1200

- NOTES:**
- 10-FOOT CONTOUR DATA OBTAINED FROM RIGIS 2011 STATEWIDE LIDAR.
 - THE SITE IS LOCATED WITHIN THE WESTERN COVENTRY FIRE DISTRICT.
 - ** REFER TO GENERAL NOTE NO. 9 ON SHEET N-1 FOR DETAILS REGARDING A VARIANCE REQUEST FOR SOLAR PANELS WITHIN THE 85-FT SIDE YARD SETBACK.

DIMENSIONAL REGULATIONS		
ZONE RR-5 (NURSERY/GREENHOUSE) / MAJOR SOLAR INSTALLATIONS		
DESCRIPTION	REQUIRED	PROPOSED
MINIMUM LOT FRONTAGE	300 FT	980± FT
MINIMUM FRONT YARD SETBACK	100 FT	1277± FT
MINIMUM SIDE YARD SETBACK **	85 FT	62± FT
MINIMUM REAR YARD SETBACK	150 FT	2513± FT
MINIMUM VEGETATED BUFFER	40 FT	40 FT
MAXIMUM LOT COVERAGE	15 %	8± %

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MOO COW SOLAR
 AP 304, LOTS 27.1 and 28
 2446 VICTORY HIGHWAY
 COVENTRY, RHODE ISLAND

AARON CHIN-HUI TING
 No. 15252
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

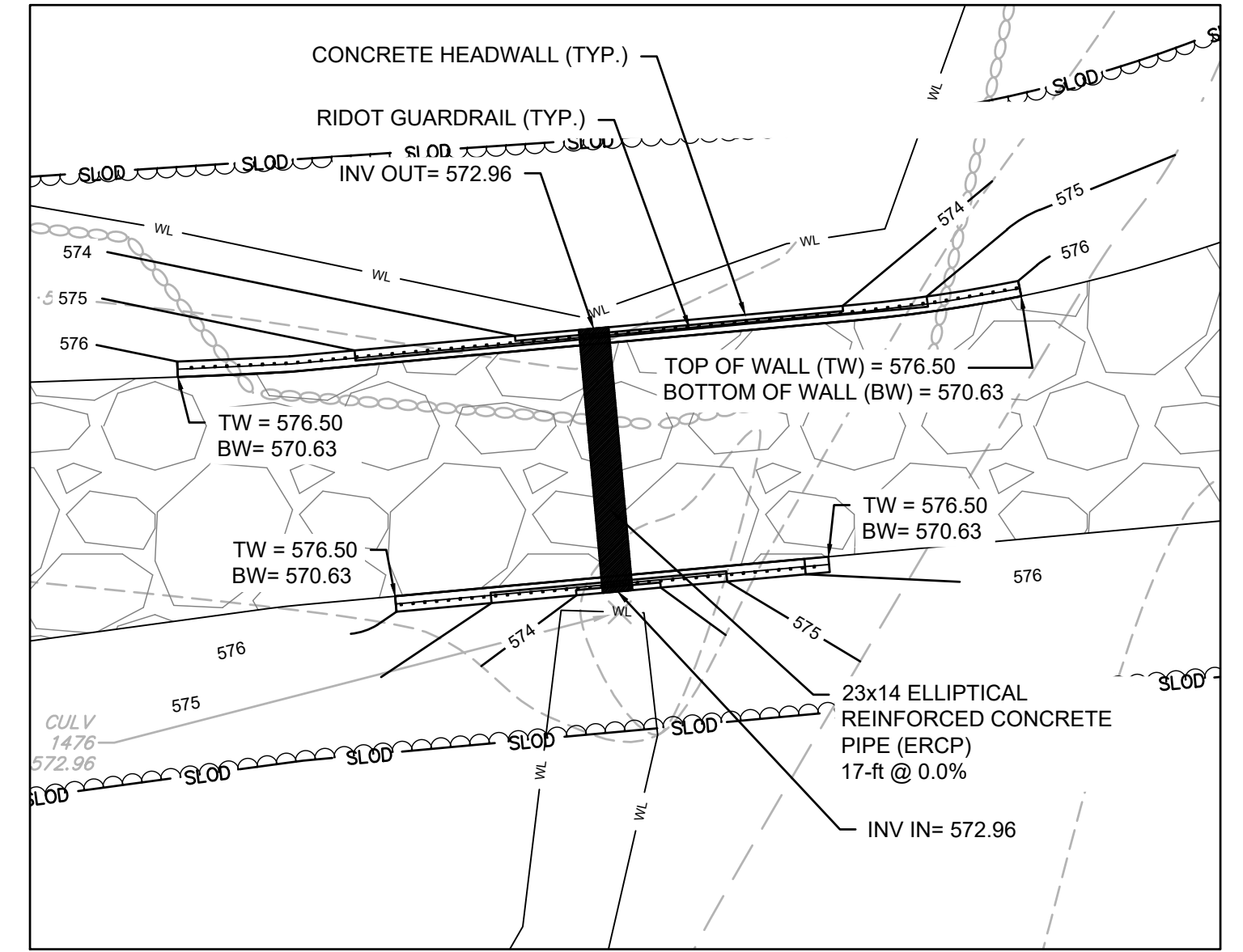
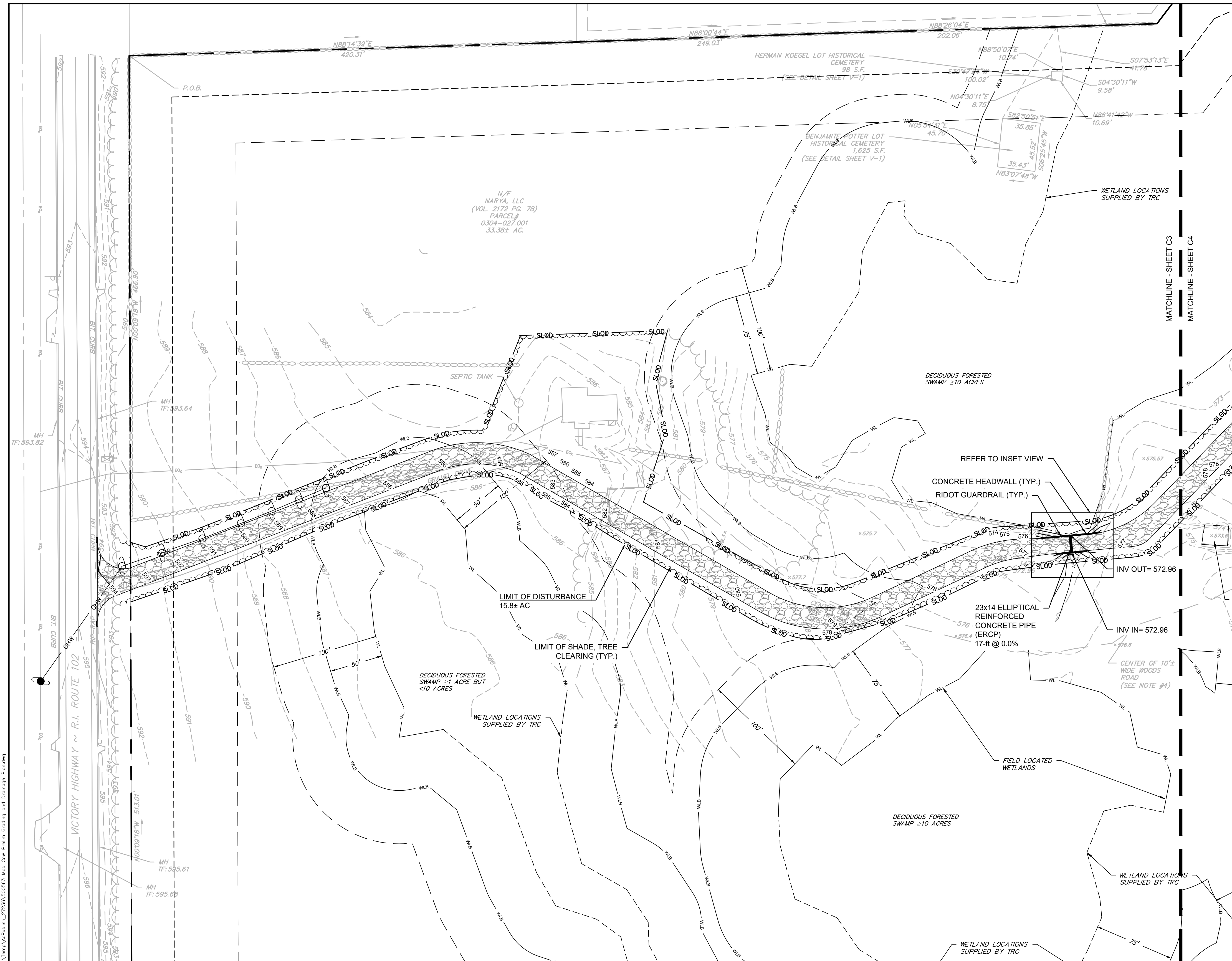
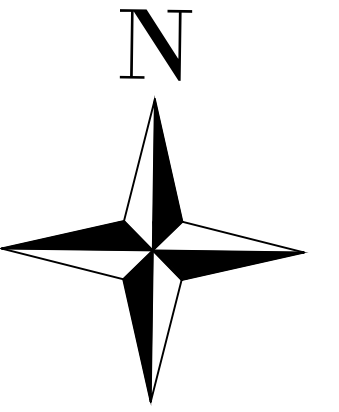
No.	REVISION	DATE	DRAWN	DESIGN	CHK
1	RESPONSE TO TOWN'S COMMENTS	4/24/2024	MMO	ACT	ACT

DRAWN BY: TL DESIGNED BY: TL CHECKED BY: PRW

PRELIMINARY PLAN APPLICATION
SITE OVERVIEW
FOR PERMITTING ONLY

DRAWING NO:
SO-1
 PROJECT NO: 500563
 DATE OF ISSUE: 2/1/2024
 SHEET NO: 3 OF 17

DATE: Apr 24, 2024 - 2:14PM
 USERNAME: C:\Users\emeredev\AppData\Local\Temp\A\Public_5128\500563_Moo Cow Prelim Site Overview.dwg
 Copyright © TRC 2024



1 CULVERT INSET VIEW
6 SCALE: 1" = 10'

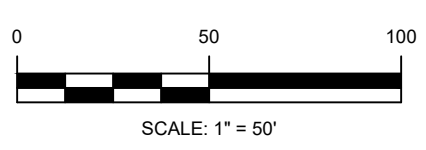
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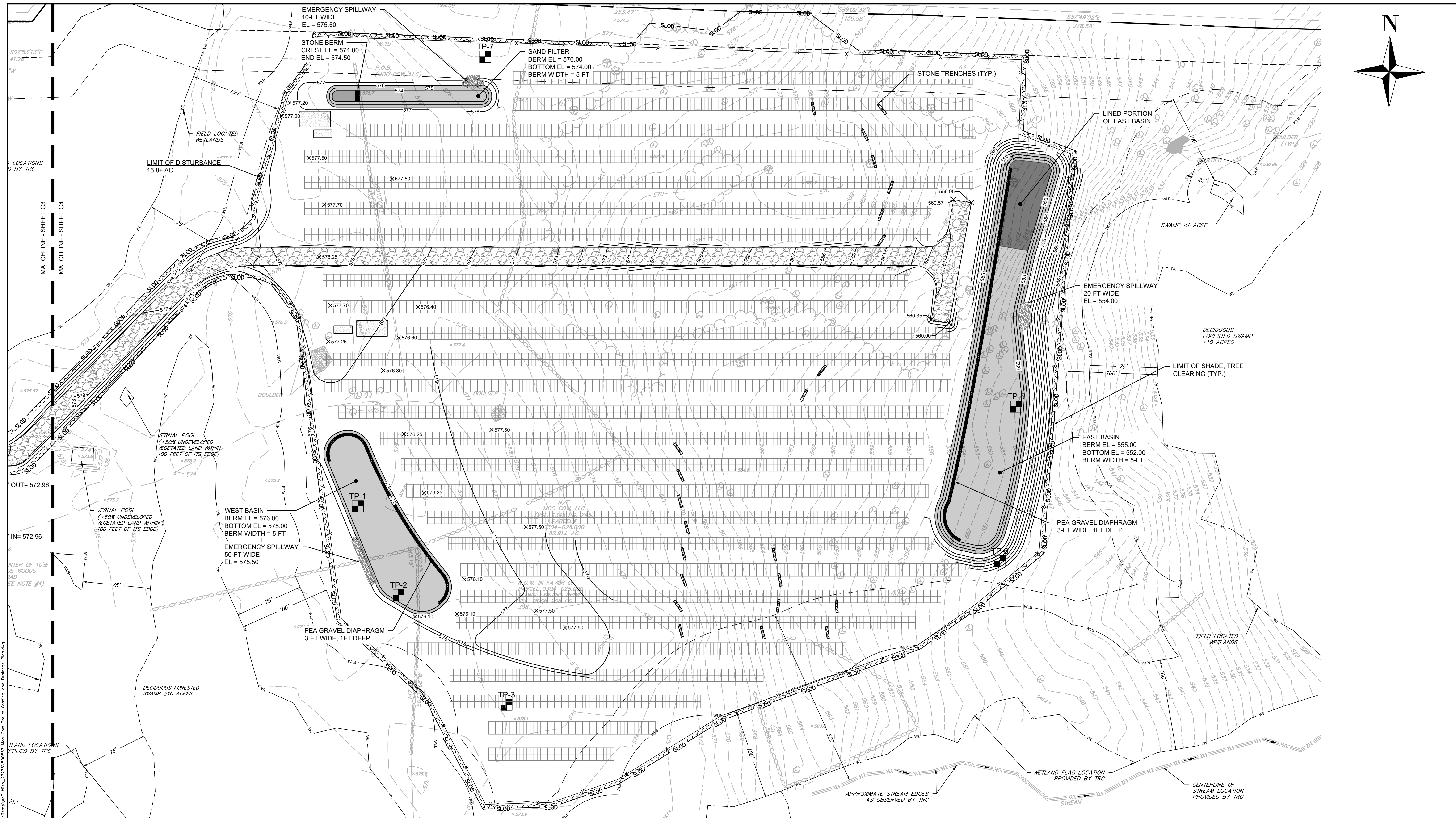
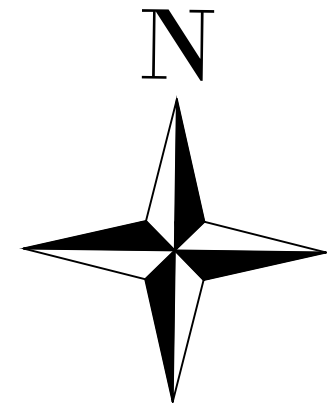


1	RESPONSE TO TOWN'S COMMENTS	4/24/2024	MMO	ACT	ACT
No.	REVISION	DATE	DRAWN	DESIGN	CHK
	DRAWN BY: TL	DESIGNED BY: TL	CHECKED BY: PRW		

PRELIMINARY PLAN APPLICATION
GRADING AND DRAINAGE

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DRAWING NO:
C-3
PROJECT NO: 500563
DATE OF ISSUE: 2/1/2024
SHEET NO: 6 OF 17

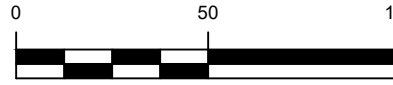



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CIVIL



SCALE: 1" = 50'

1	RESPONSE TO TOWN'S COMMENTS	4/24/2024	MMO	ACT	ACT
No.	REVISION	DATE	DRAWN	DESIGN	CHK
DRAWN BY: TL		DESIGNED BY: TL	CHECKED BY: PRW		

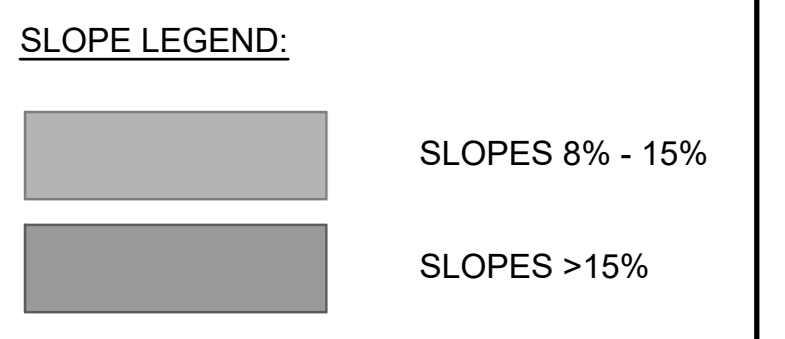
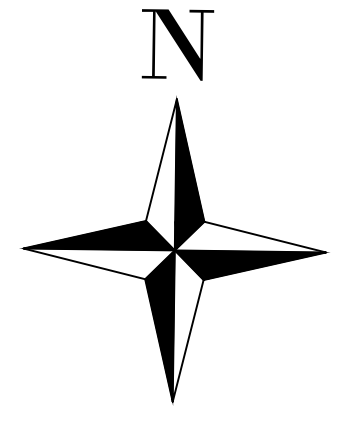
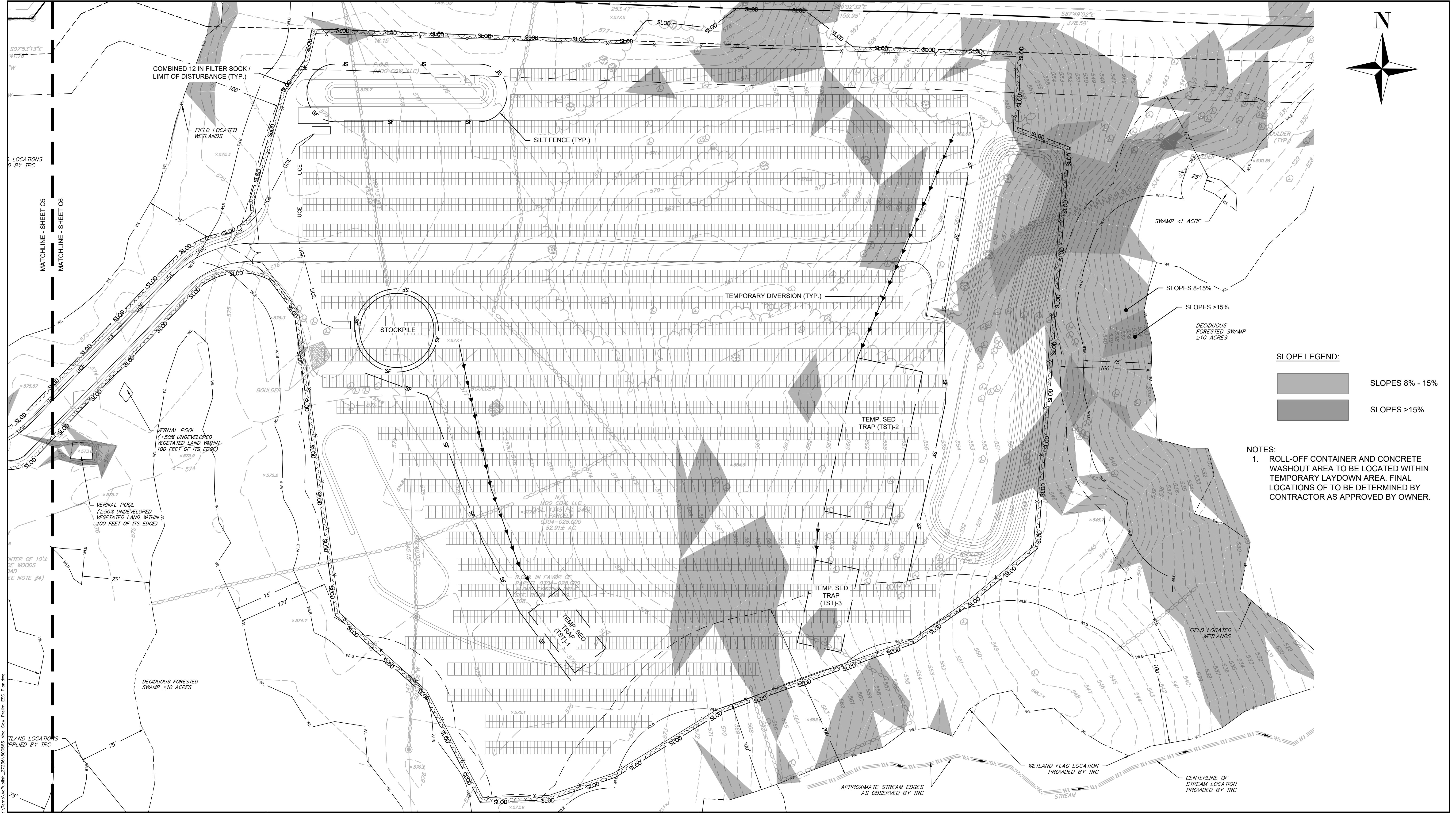
PRELIMINARY PLAN APPLICATION
GRADING AND DRAINAGE

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C-4

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DATE OF ISSUE: 2/12/2024
SHEET NO: 7 OF 17

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User: amend
Title: MOO COW SOLAR AP 304, LOTS 27.1 and 28
Author: Aaron Chin-Hui Ting
Plotter: HP DesignJet T1100e
Plot Style: TRC.ctb
Printer: HP DesignJet T1100e
Scale: 1" = 50'
Sheet: 7 of 17



NOTES:

- ROLL-OFF CONTAINER AND CONCRETE WASHOUT AREA TO BE LOCATED WITHIN TEMPORARY LAYDOWN AREA. FINAL LOCATIONS OF TO BE DETERMINED BY CONTRACTOR AS APPROVED BY OWNER.

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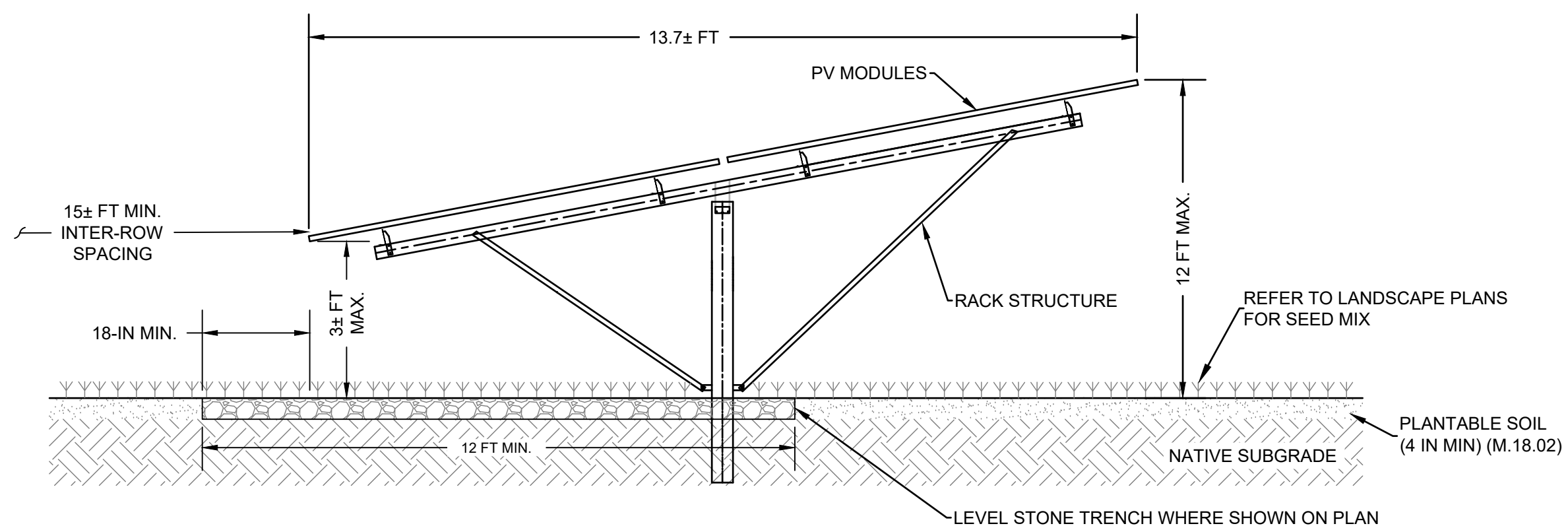
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SCALE: 1" = 50'
Not Valid Without Signature

1	RESPONSE TO TOWN'S COMMENTS	4/24/2024	MMO	ACT	ACT
No.	REVISION	DATE	DRAWN	DESIGN	CHK
DRAWN BY: TL		DESIGNED BY: TL		CHECKED BY: PRW	

PRELIMINARY PLAN APPLICATION
EROSION AND SEDIMENT CONTROL
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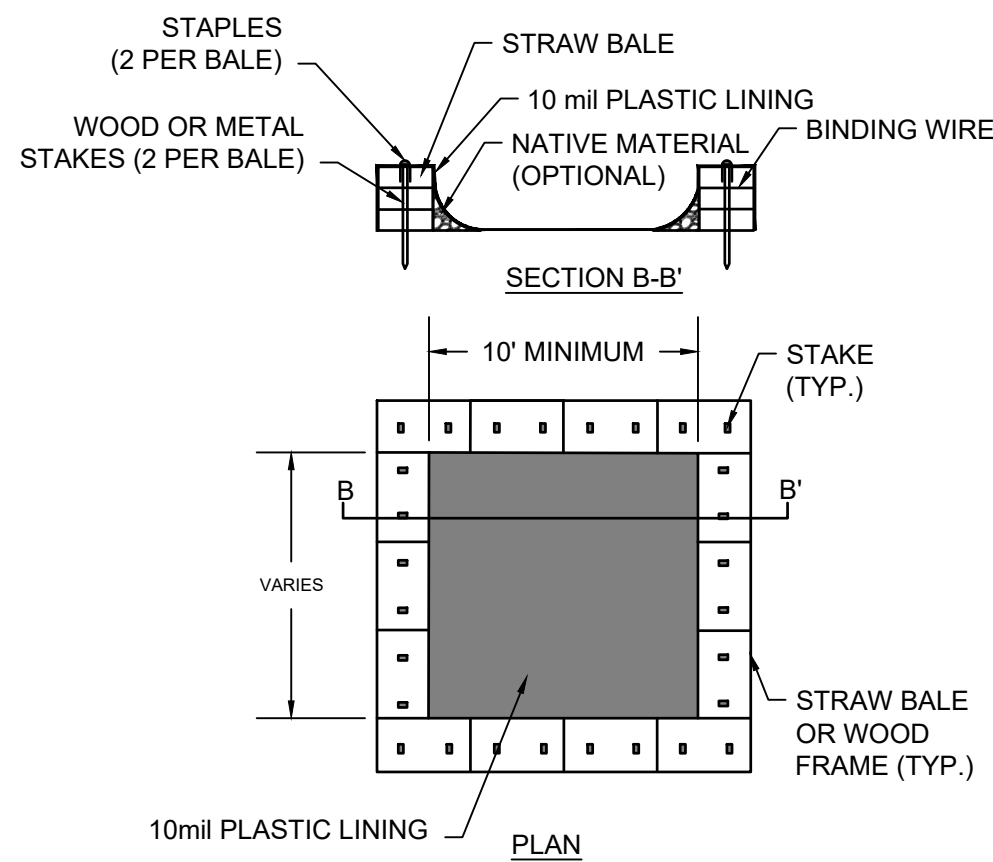
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SHEET NO: 9 OF 17

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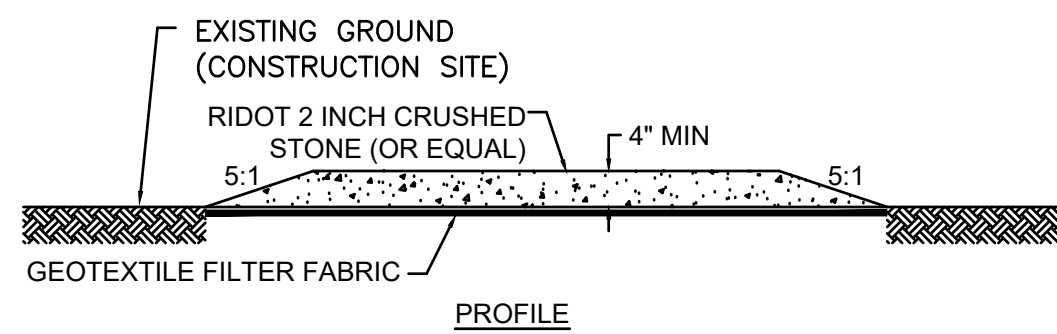
NOTE:
1. RACK STRUCTURE AND PV MODULES SHOWN FOR ILLUSTRATIVE PURPOSES. ACTUAL COMPONENTS AND DIMENSIONS AS APPROVED BY OWNER. FOUNDATION TYPE TO BE DETERMINED BY OTHERS. CONCRETE BALLASTS ARE NOT PERMITTED.

1
10 **TYPICAL SOLAR PANEL AND RACK**
SCALE: NTS



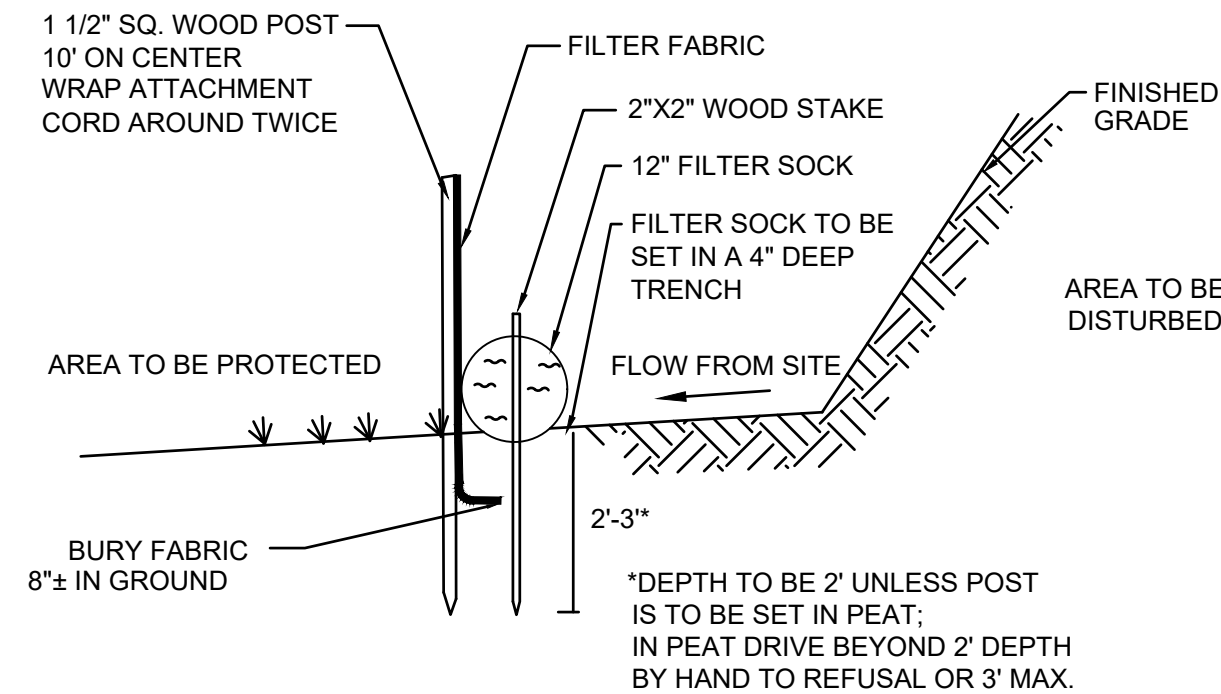
NOTES:
1. CONCRETE WASHOUT SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. PROVIDE 12 INCHES OF FREEBOARD.
2. PLASTIC LINING SHALL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
3. WASHOUT SHALL BE CLEANED OR REPLACED ONCE 75% FULL.
4. ACTUAL DIMENSIONS TO BE DETERMINED BY THE CONTRACTOR.

4
10 **TYPICAL CONCRETE WASHOUT**
SCALE: NTS

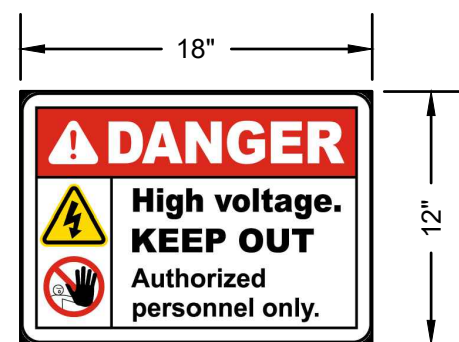


NOTES:
1. REFER TO DRAWING N-1 FOR TEMPORARY LAYDOWN AREA RESTORATION NOTES.

6
10 **TYPICAL LAYDOWN AREA**
SCALE: NTS



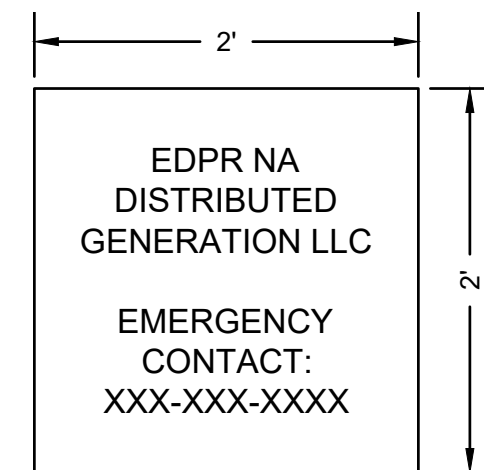
2
10 **TYPICAL COMBINED SILT FENCE & FILTER SOCK**
SCALE: NTS



DANGER SIGN NOTES:
1. SIGN SHALL BE 0.040 IN. RUST FREE ALUMINUM.
2. SIGN SHALL COMPLY WITH ANSI Z535.
3. DANGER SIGN TO BE SPACED EVERY 300 FEET ALONG FENCE LINE.

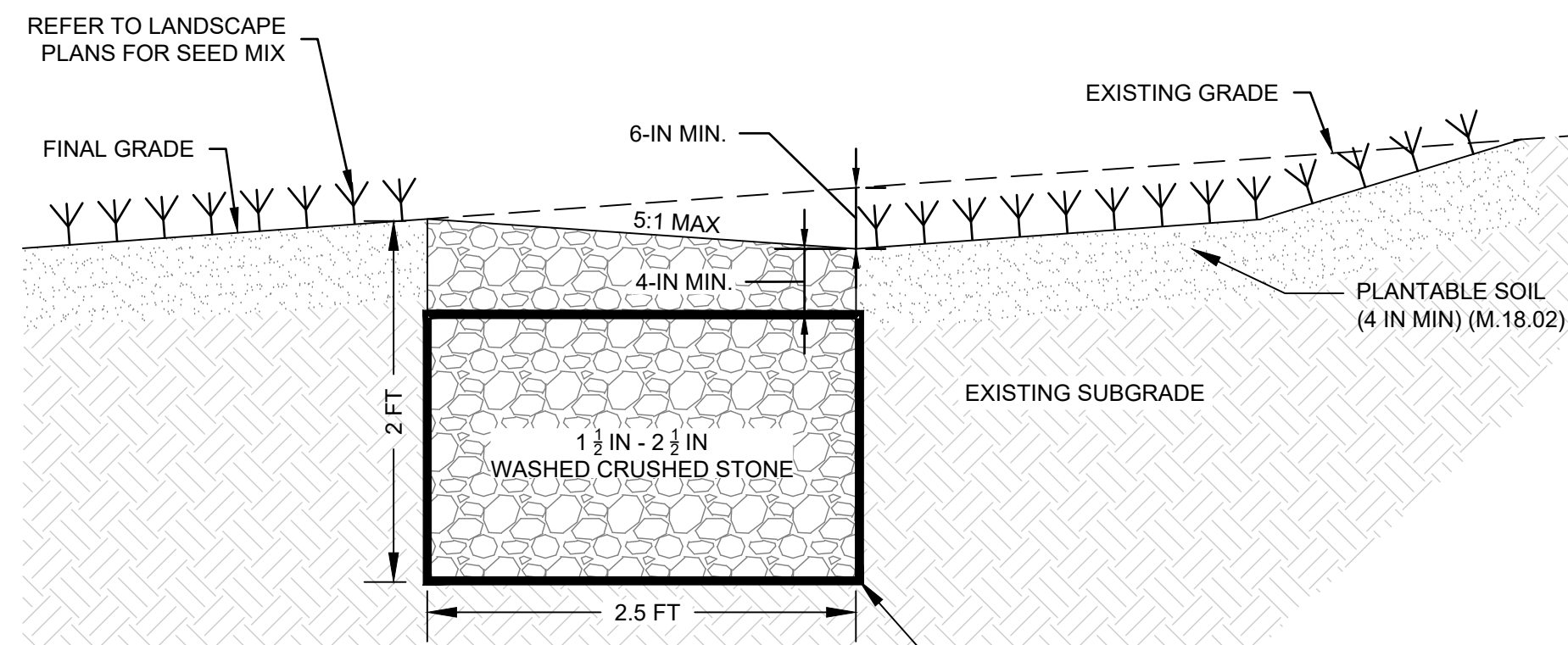


NO TRESPASSING SIGN NOTES:
1. SIGN SHALL BE 0.040 IN. RUST FREE ALUMINUM.
2. SIGN SHALL COMPLY WITH ANSI Z535.
3. NO TRESPASSING SIGN TO BE SPACED EVERY 100 FEET ALONG FENCE LINE.



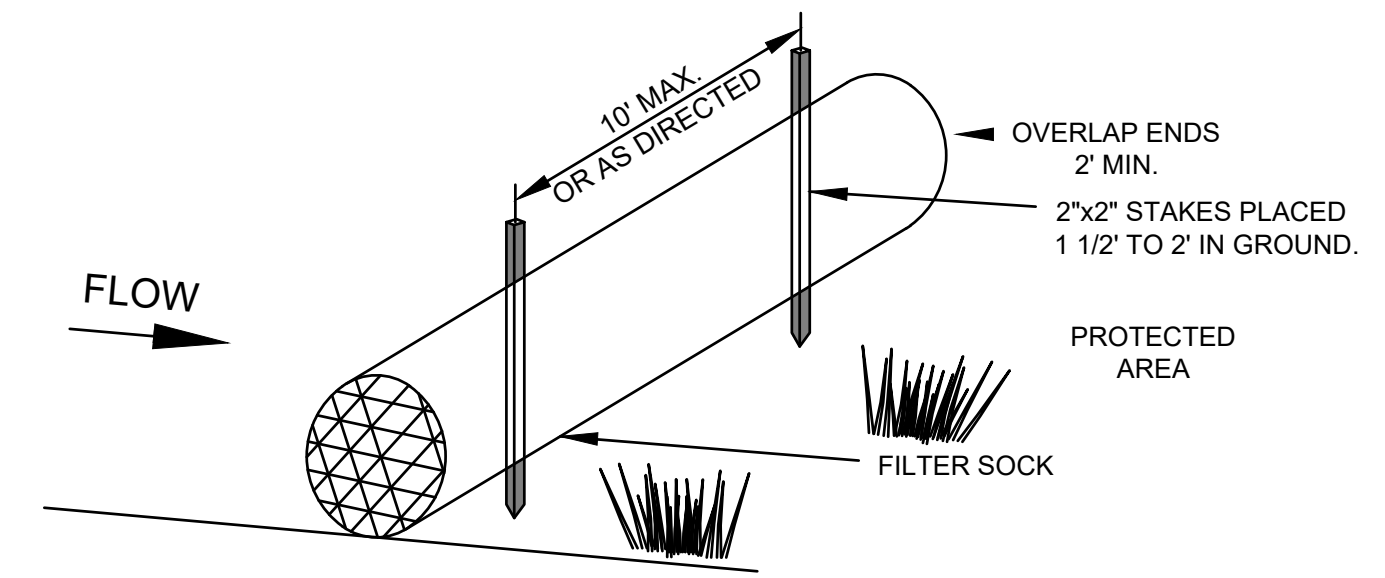
EMERGENCY CONTACT SIGN NOTES:
1. SIGN SHALL BE REFLECTIVE RUST FREE ALUMINUM.
2. EMERGENCY CONTACT TELEPHONE NUMBER TO BE PROVIDED BY OWNER.

5
10 **TYPICAL SIGN DETAILS**
SCALE: NTS



NOTES:
1. LEVEL STONE TRENCH SHALL RUN PARALLEL TO FINAL GRADE CONTOUR AT A CONSISTENT ELEVATION FOR A MINIMUM LENGTH OF 10 FEET.
2. GEOTEXTILE FABRIC: CLASS "C" APPARENT OPENING SIZE (ASTM D-4751).

7
10 **TYPICAL LEVEL STONE TRENCH**
SCALE: NTS

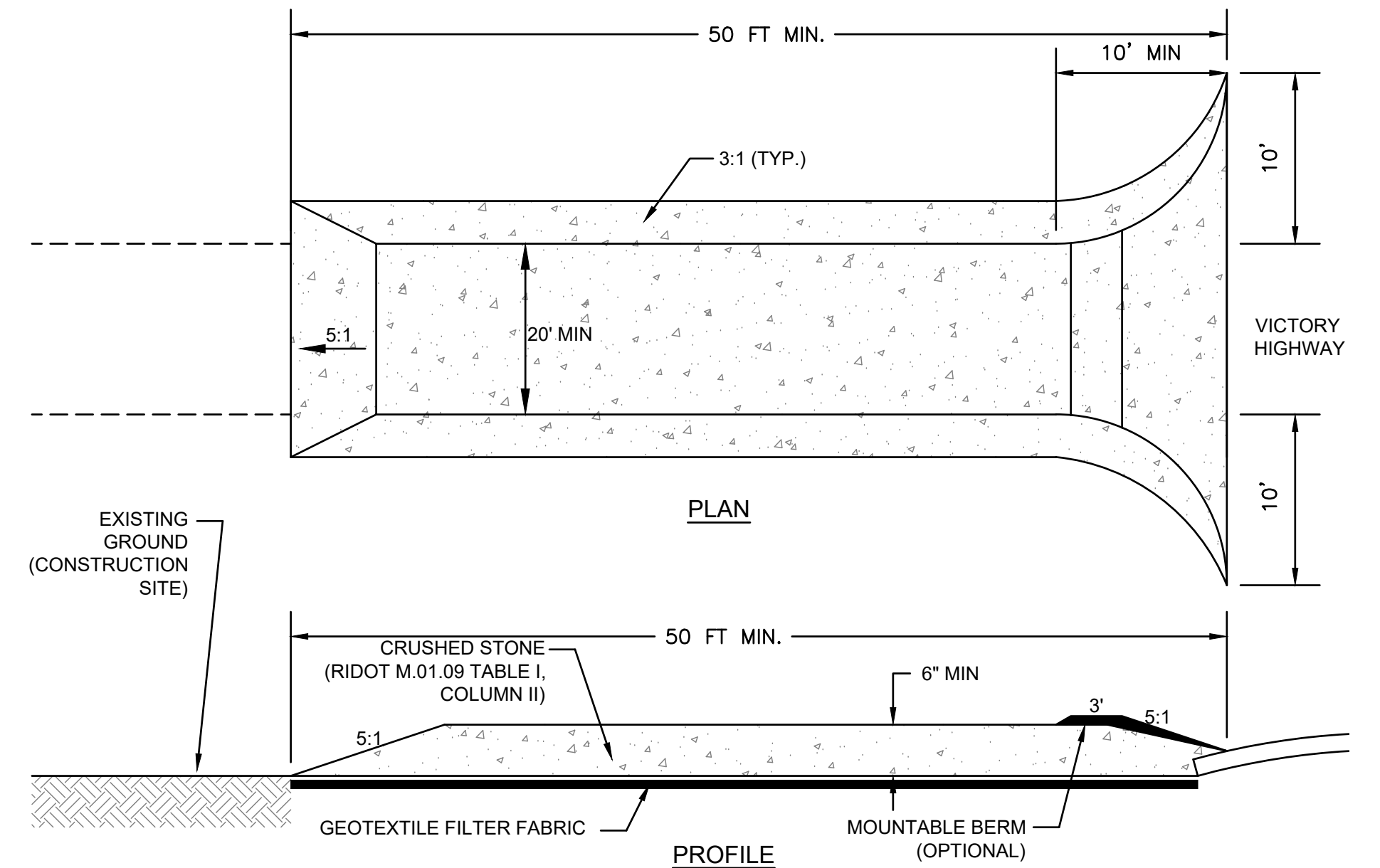


3
10 **TYPICAL FILTER SOCK**
SCALE: NTS

CONSTRUCTION SPECIFICATIONS

- FILTER SOCKS SHALL BE FILTREXX SILTSOXX OR APPROVED EQUIVALENT. FILTER SOCK AND COMPOST MATERIALS SHALL BE IN ACCORDANCE WITH AASHTO MP 9-06, LATEST REVISION.
- FILTER SOCKS SHALL BE 12 INCHES IN DIAMETER.
- FILTER SOCKS SHALL BE PLACED IN ACCORDANCE WITH THIS PLAN SET AND IN A ROW WITH ENDS OVERLAPPING 2 FEET (MIN.).
- FILTER SOCKS SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES, 10 FEET ON CENTER (MAX).
- INSPECTION SHALL BE FREQUENT AND REPAIR AND/OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- FILTER SOCKS SHALL NOT BE MOVED TO OTHER LOCATIONS IN THE PROJECT ONCE PLACED.

3
10 **TYPICAL FILTER SOCK**
SCALE: NTS



8
10 **TYPICAL CONSTRUCTION ENTRANCE**
SCALE: NTS



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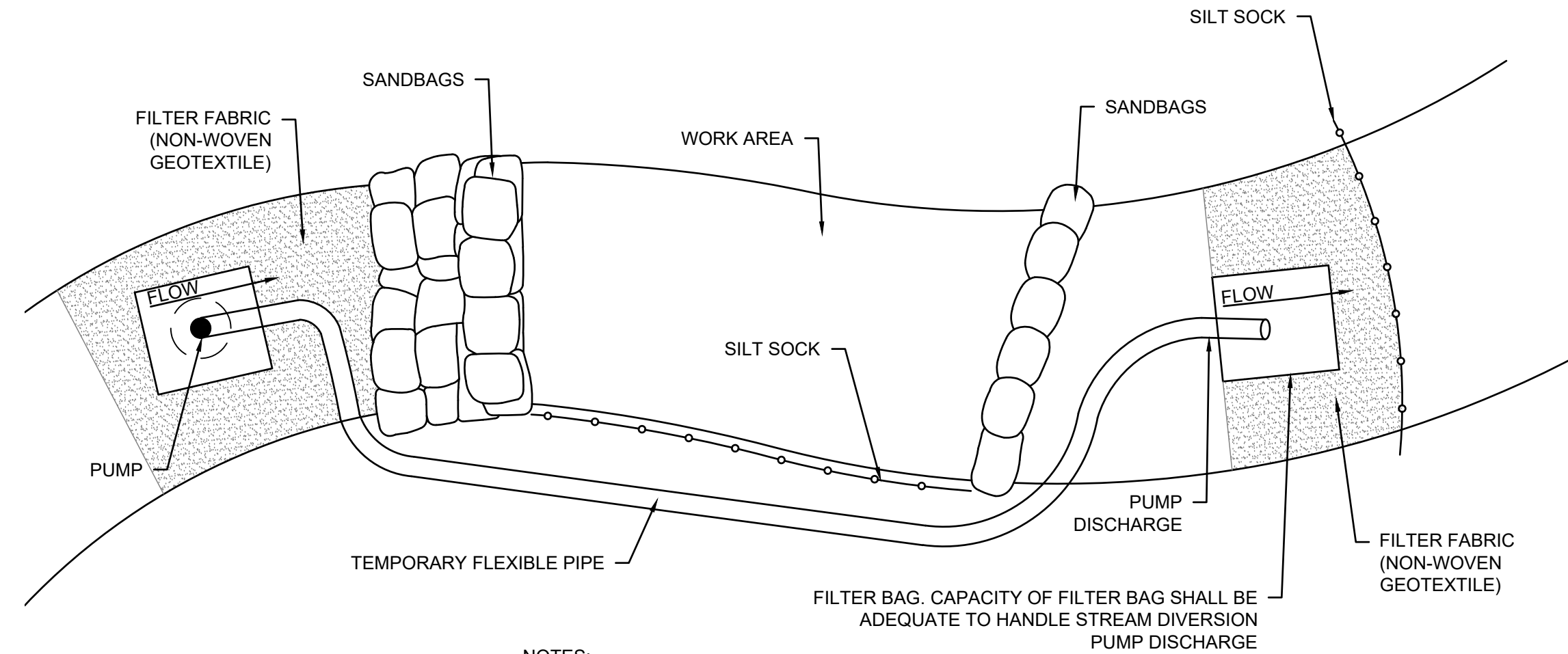
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No.	REVISION	DATE	DRAWN	DESIGN	CHK
DRAWN BY: TL		DESIGNED BY: TL	CHECKED BY: PRW		

PRELIMINARY PLAN APPLICATION DETAILS

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D-1

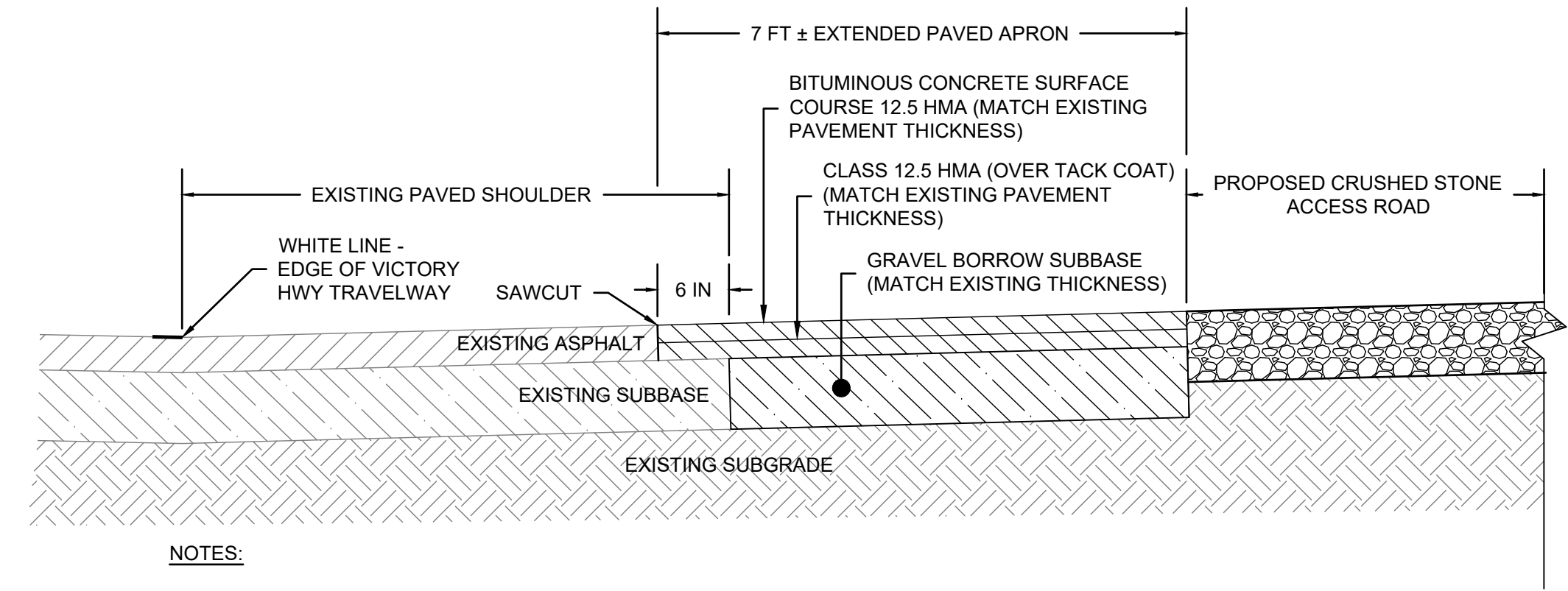
PROJECT NO: 500563
DATE OF ISSUE: 2/1/2024
SHEET NO: 10 OF 17



NOTES:

1. INSTALL TEMPORARY SANDBAGS AND SILT SOCK OR EQUIVALENT TO MAINTAIN A DRY WORK AREA FOR CONSTRUCTION ACTIVITIES AND TO PREVENT SEDIMENTATION.
2. SANDBAGS TO BE LOCATED UPSTREAM OF THE WORK AREA AND DOWNSTREAM OF THE WORK AREA. A TEMPORARY FLEXIBLE PIPE SHALL CONVEY FLOW AROUND THE WORK AREA.
3. SIZE AND PROVIDE A TEMPORARY FLEXIBLE PIPE TO BE WITH ADEQUATE CAPACITY TO MAINTAIN BASE STREAM FLOW.
4. DIVERSION PUMP AND DISCHARGE LINE SIZE AND TYPE TO BE DETERMINED BY CONTRACTOR BASED ON DEWATER OPERATIONS.

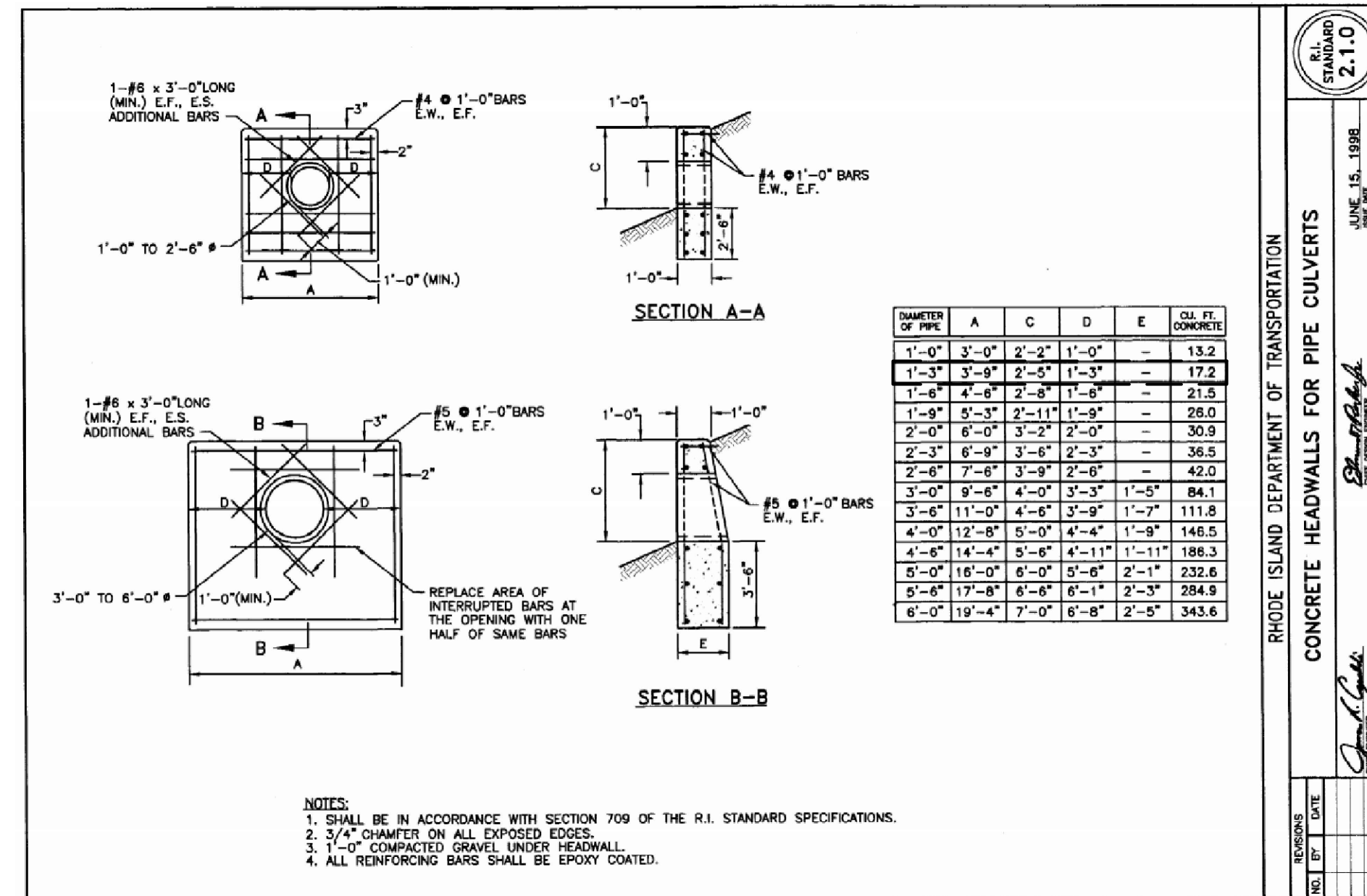
1
12 **TYPICAL CULVERT DIVERSION**
SCALE: NTS



NOTES:

1. MATCH EXISTING DRAINAGE PATTERNS WITHIN RIGHT OF WAY.
2. SAW CUT EXISTING PAVEMENT 6 INCHES FROM EDGE OF PAVEMENT. TACK COAT FACE BEFORE PAVING.

2
12 **TYPICAL PAVED APRON**
SCALE: NTS



3
12 **CONCRETE HEADWALL**
SCALE: NTS



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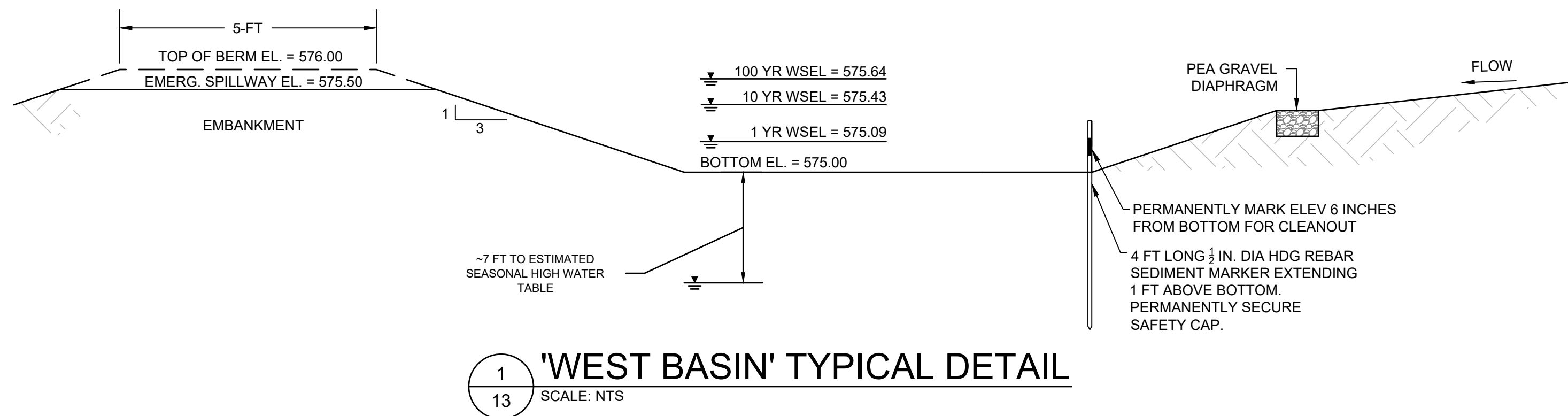
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**PRELIMINARY PLAN APPLICATION
DETAILS**

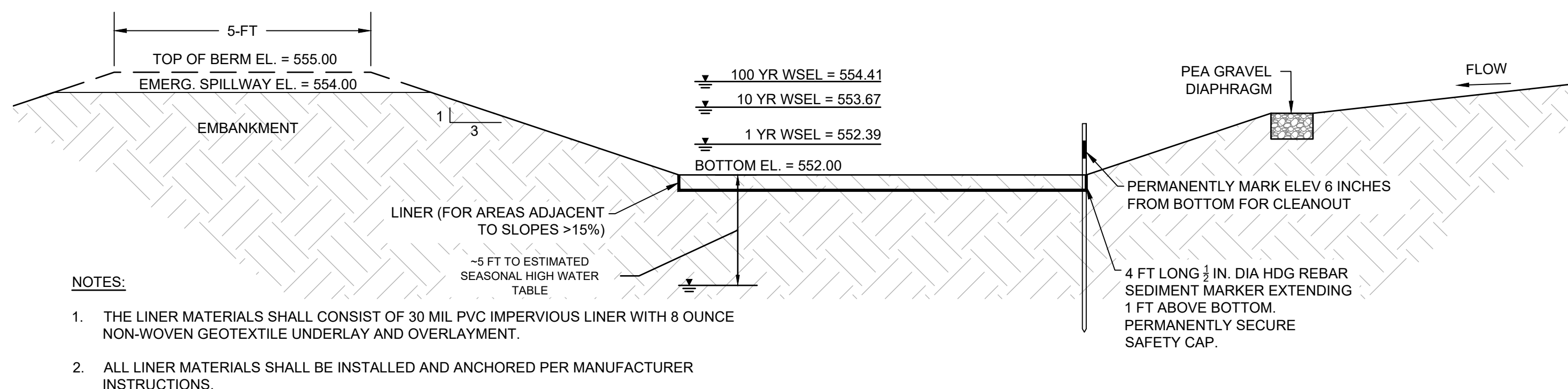
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D-3

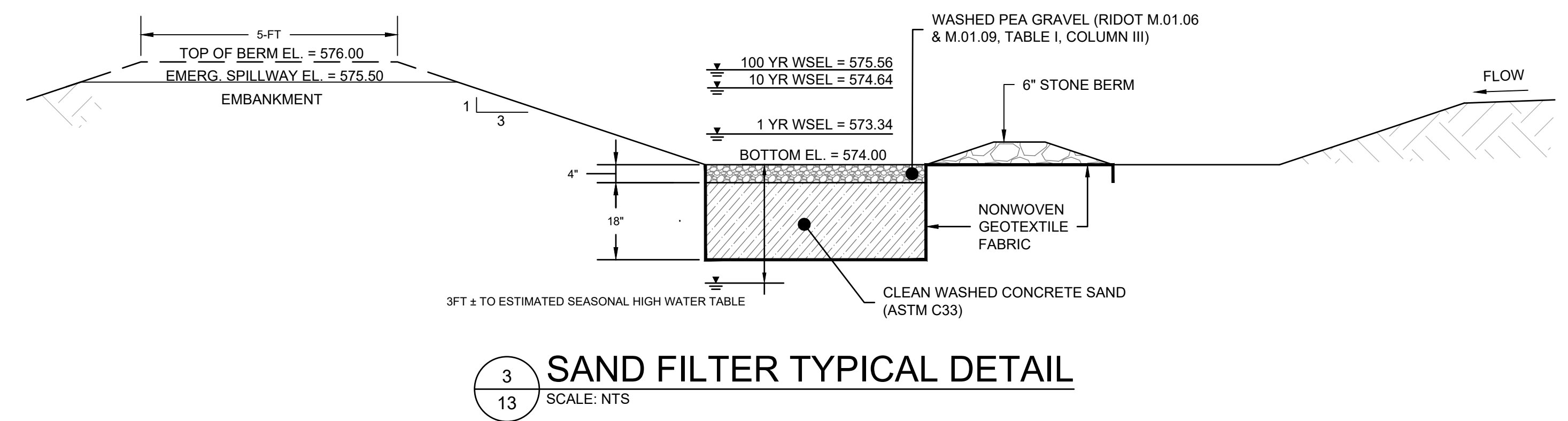
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DATE OF ISSUE: 2/1/2024
SHEET NO: 12 OF 17



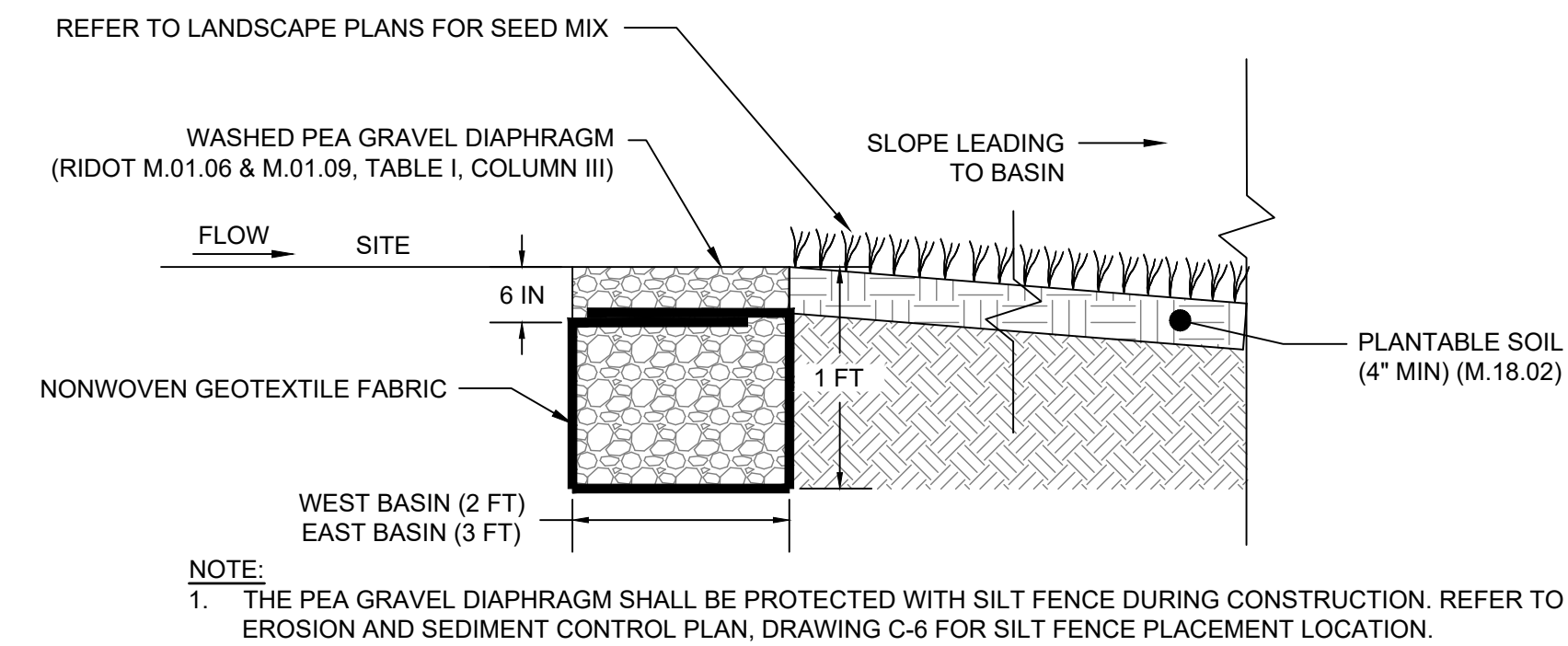
1 'WEST BASIN' TYPICAL DETAIL
SCALE: NTS



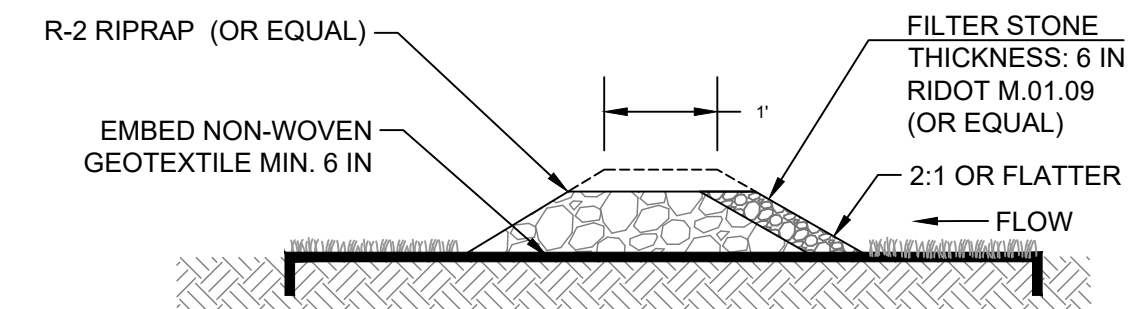
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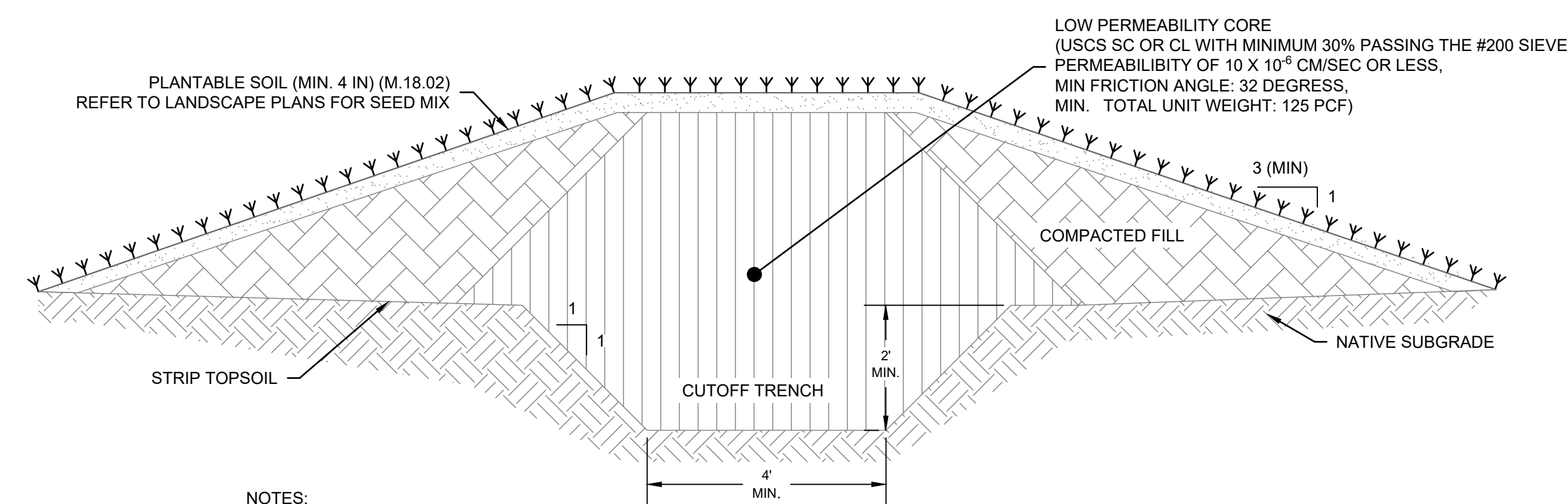
3 SAND FILTER TYPICAL DETAIL
SCALE: NTS



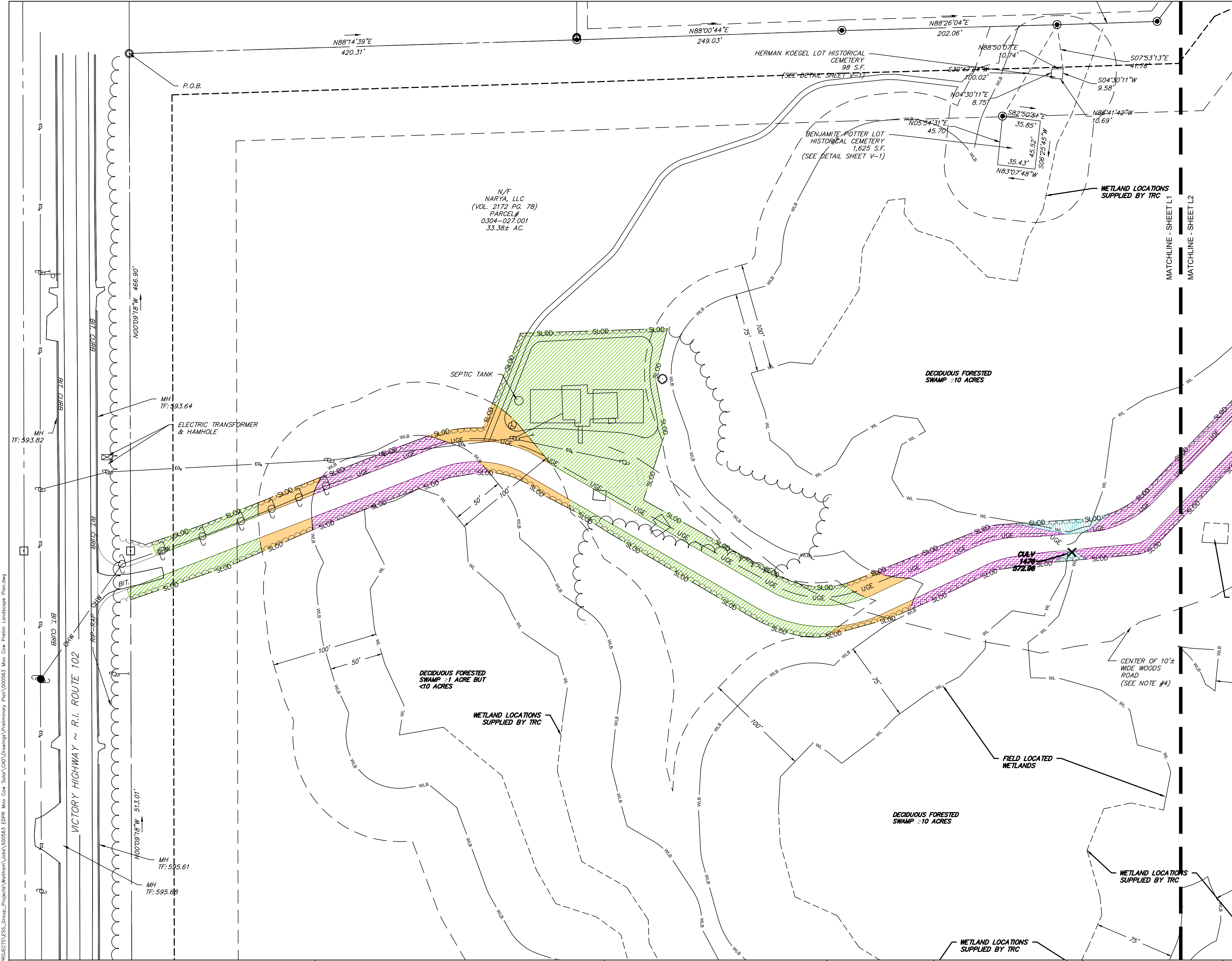
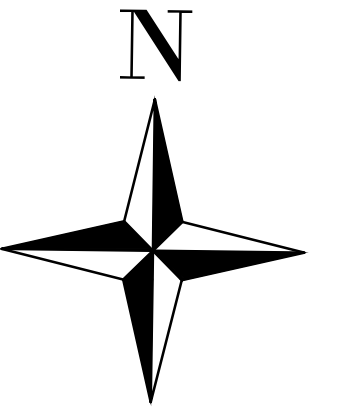
4 TYPICAL PEAT GRAVEL DIAPHRAGM
SCALE: NTS



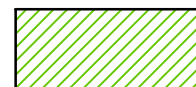


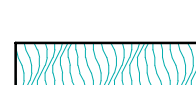
5 TYPICAL STONE BERM
SCALE: NTS



6 TYPICAL BASIN EMBANKMENT CROSS SECTION
SCALE: NTS



LEGEND - REFER TO L4 DETAILS

-  ACCESS ROAD - UPL SEED MIXES - 28,400 SF = .65 ACRES
-  ACCESS ROAD - FACU SEED MIXES - 5,000 SF = .11 ACRES
-  ACCESS ROAD - FAC SEED MIXES - 17,000 SF = .39 ACRES
-  ACCESS ROAD - FACW SEED MIXES - 818 SF = .02 ACRES

NOTES:

1. FINAL LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRES, POLES, INVERTERS, ETC. TO BE DETERMINED BY OTHERS AND APPROVED BY OWNER. ALL ELECTRICAL CONNECTION AND DISTRIBUTION WITHIN THE ARRAY SHALL BE UNDERGROUND. ALL UNDERGROUND ELECTRICAL NOT SHOWN ON THIS PLAN SET.
2. FINAL NUMBER AND LOCATION OF SOLAR MODULES TO BE DESIGNED BY OTHERS. PRIOR TO INSTALLATION, FINAL NUMBER AND LOCATION MAY VARY AS NEEDED WITHIN PROPOSED FENCE LINE. MAX PANEL HEIGHT SHALL NOT EXCEED 12 FEET.
3. SIGNAGE INDICATING MANUFACTURER'S IDENTIFICATION, INSTALLER'S IDENTIFICATION, EQUIPMENT INFORMATION, INDICATION OF OWNERSHIP, AND APPROPRIATE WARNING STATEMENTS SHALL BE POSTED ON OR NEAR THE SOLAR MODULES IN A CLEAR VISIBLE MANNER AND SHALL COMPLY WITH PREVAILING REGULATIONS.
4. WARNING/DANGER SIGNAGE TO BE INSTALLED AT 300 FT INTERVALS ON PERIMETER FENCE AND NO TRESPASSING SIGN TO BE INSTALLED AT 100 FT INTERVALS, WITH A MINIMUM OF ONE (1) SIGN EACH FENCE SIDE AROUND THE FULL INSTALLATION PERIMETER.
5. POST SIGNAGE WITH 24-HOUR EMERGENCY CONTACT INFORMATION ON THE VEHICLE GATE.
6. EXTERIOR LIGHTING IS NOT PROPOSED.
7. DECORATIVE ACCESS GATE SUBJECT TO APPROVAL BY TOWN PLANNER PRIOR TO INSTALLATION.

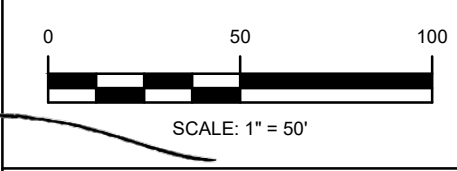
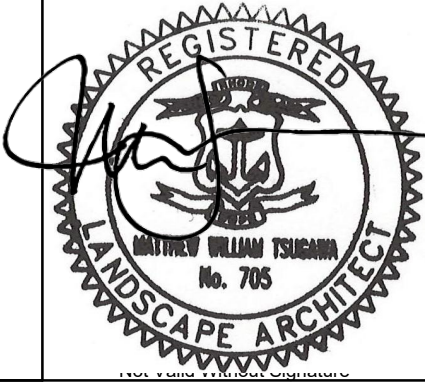
DATE: Apr 23, 2024 12:18PM FILENAME: \\vernemba\Users\jgibson\1-PROJECTS\ESS_Group-Projects\Waltham\Jobs\500563_EDPR_Moo_Cow_Solar\Drawings\Final\500563_Moo_Cow_Prelim_Landscape_Plan.dwg



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AP 304, LOTS 27.1 and 28
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No.	REVISION	DATE	DRAWN	DESIGN	CHK

**APPLICATION FOR SIGNIFICANT ALTERATION
LANDSCAPE PLAN**

FOR PERMITTING ONLY

DRAWING NO:
L-1

PROJECT NO: 500563
DATE OF ISSUE: 2/15/2024
SHEET NO: 16 OF 19

GENERAL LANDSCAPE AND SEEDING NOTES

- THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
- THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF (1) ONE YEAR AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. MAINTENANCE RESPONSIBILITIES INCLUDE INVASIVE SPECIES MONITORING, REMOVAL, AND SUPPLEMENTATION. MONITORING OF THE PROJECT SITE SHALL OCCUR IN THE SPRING AND THE FALL TO DETERMINE THE PRESENCE OF INVASIVE SPECIES. SHOULD ANY INVASIVE SPECIES BE IDENTIFIED WITHIN THE PROJECT SITE, THE INVASIVE SPECIES SHALL BE REMOVED ACCORDING TO METHODS MOST LIKELY TO BE EFFECTIVE IN CONTROLLING THAT SPECIES AND SUPPLEMENTING ITS REPLACEMENT WITH APPROPRIATE VEGETATION AND SEED MIX IDENTIFIED (AND APPROVED) ON THIS PLAN AND/OR AN APPROVED EQUAL. ADDITIONAL MAINTENANCE RESPONSIBILITIES INCLUDE: APPROVED CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING OF TREE STRAP GUYES, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL 90 DAYS AFTER FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND LISTED IN THE PLANT SCHEDULE(S) AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACQUIRED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF (2) TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
- THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO PLANTING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THE PLANT MATERIAL.
- ALL SHRUB MASSING AREAS SHALL BE MULCHED TO A DEPTH OF 2" WITH SHREDDED HARDWOOD BARK MULCH.
- NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE CONTRACTOR. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED AS PER THE DETAIL. SEE LANDSCAPING PLAN(S) FOR PLANTING DETAILS.
- COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND/OR UTILITY PLANS FOR STORM, SANITARY, GAS, ELECTRIC, TELEPHONE AND WATER LINES. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
- LANDSCAPE PLANTING PITS MUST BE FREE DRAINING, PAVEMENT, COMPACTED SUBGRADE, AND BLASTED ROCK SHALL BE REMOVED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL WITH MODERATELY COMPACTED LOAM OR SANDY LOAM FREE FROM STONES AND RUBBISH 1" OR GREATER IN DIAMETER AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT. PLANTING INSTALLATION SHALL BE AS DETAILED AND CONTAIN PLANTING MIX AS SPECIFIED UNLESS OTHERWISE RECOMMENDED OTHERWISE BY SOIL ANALYSIS.

PLANTING SOIL MIXTURE:
 2 PARTS PEAT MOSS
 5 PARTS TOPSOIL
 MYCORRHIZA INOCULANT - "TRANSPLANT 1-STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL.
 USE PER MANUFACTURER'S RECOMMENDATIONS FOR TREES AND SHRUBS.
 FERTILIZER/LIME APPLY AS RECOMMENDED BY SOIL ANALYSIS

- TREES, AND SHRUBS: TREES AND SHRUBS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED AND HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCATION OF THE PROJECT. THEY SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY, WITH STRONG, HEALTHY, VIGOROUS, WELL-BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF DISEASE, INSECT PESTS, EGGS OR LARVAE. THEY SHALL HAVE HEALTHY AND WELL-DEVELOPED ROOT SYSTEMS. ALL TREES SHALL HAVE STRAIGHT SINGLE TRUNKS WITH THEIR MAIN LEADER INTACT UNLESS OTHERWISE STATED. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL ONLY PERMIT SUBSTITUTIONS UPON WRITTEN APPROVAL. THEIR SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED ON THE DRAWINGS MAY BE USED IF APPROVED. THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL TREES AND SHRUBS SHALL BE MULCHED IN ACCORDANCE WITH THE RESPECTIVE PLANTING DETAIL(S) PROVIDED IN THE LANDSCAPING PLAN.
- ALL PRUNING SHALL CONFORM TO THE TREE CARE INDUSTRY ASSOCIATION (TCIA) ANSI A300 (PART 1) - 2017 PRUNING STANDARDS. PRUNING STANDARDS SHALL RECOGNIZE BUT, ARE NOT LIMITED TO, THE FOLLOWING PRUNING OBJECTIVES: MANAGE RISK, MANAGE HEALTH, DEVELOP STRUCTURE, PROVIDE CLEARANCE, MANAGE SIZE OR SHAPE, IMPROVE AESTHETICS, MANAGE PRODUCTION OF FRUIT, FLOWERS, OR OTHER PRODUCTS, AND/OR MANAGE WILDLIFE HABITAT. DEVELOPING STRUCTURE SHALL IMPROVE BRANCH AND TRUNK ARCHITECTURE. PROMOTE OR SUBORDINATE CERTAIN LEADERS, STEMS, OR BRANCHES; PROMOTE DESIRABLE BRANCH SPACING; PROMOTE OR DISCOURAGE GROWTH IN A PARTICULAR DIRECTION (DIRECTIONAL PRUNING); MINIMIZE FUTURE INTERFERENCE WITH TRAFFIC, LINES OF SIGHT, INFRASTRUCTURE, OR OTHER PLANTS; RESTORE PLANTS FOLLOWING DAMAGE; AND/OR REMOVE UNDESIRABLE SHRUBS. PROVIDING CLEARANCE SHALL ENSURE SAFE AND RELIABLE UTILITY SERVICES; MINIMIZE CURRENT INTERFERENCE WITH TRAFFIC, LINES OF SITE, INFRASTRUCTURE, OR OTHER PLANTS; RAISE CROWN(S) FOR MOVEMENT OF TRAFFIC OR LIGHT PENETRATION; ENSURE LINES OF SIGHT OR DESIRED VIEWS; PROVIDE ACCESS TO SITES, BUILDINGS, OR OTHER STRUCTURES; AND/OR COMPLY WITH REGULATIONS.

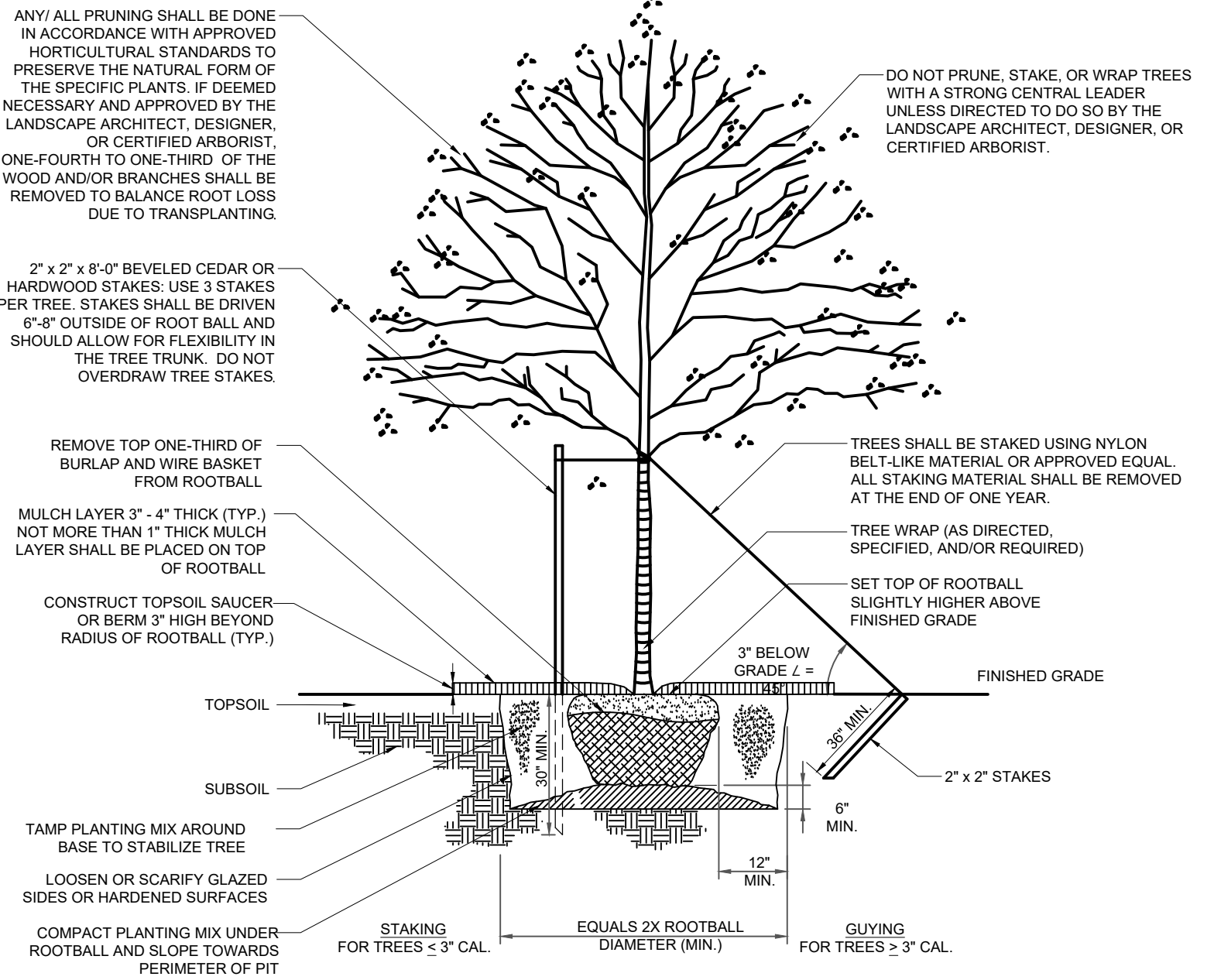
TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4 INCHES. CONTRACTOR SHALL SUBMIT TOPSOIL TO A CERTIFIED TESTING LABORATORY TO DETERMINE PH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS FROM REGIONAL EXTENSION OFFICE OF USDA TO THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR GOOD PLANT GROWTH AND PROPER SOIL ACIDITY RECOMMENDED FROM THE TOPSOIL TEST.

NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS/GRASSES AND PLANTINGS FROM ESTABLISHING PROPERLY.

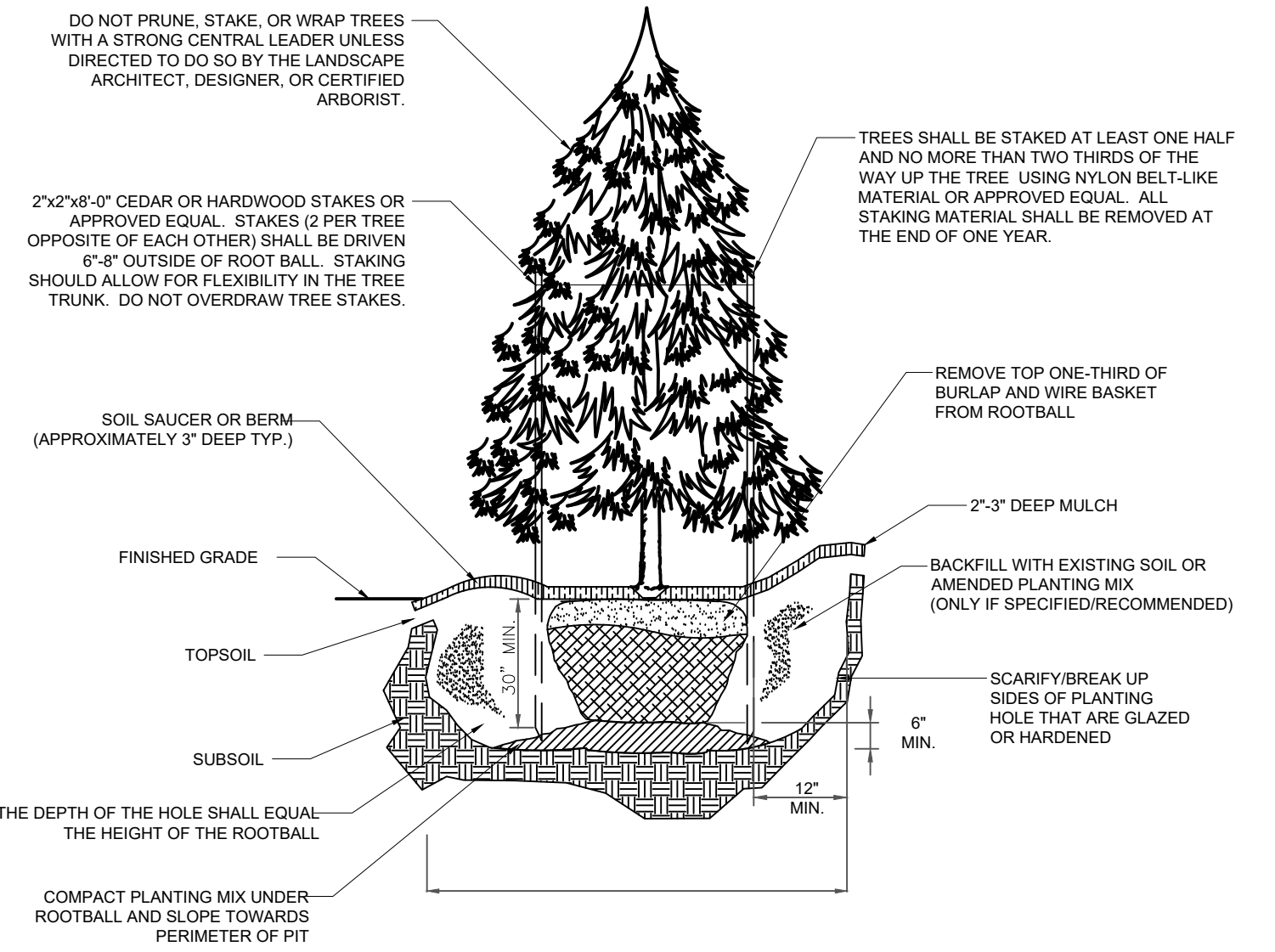
IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL APPLICABLE STANDARDS, REQUIREMENTS, AND/OR REGULATIONS.

ALL SLOPES GREATER THAN 3:1 RECEIVING A WILDFLOWER, WETLAND, AND/OR GRASS SEEDING MIXTURE SHALL BE COVERED WITH AN EROSION CONTROL BLANKET.

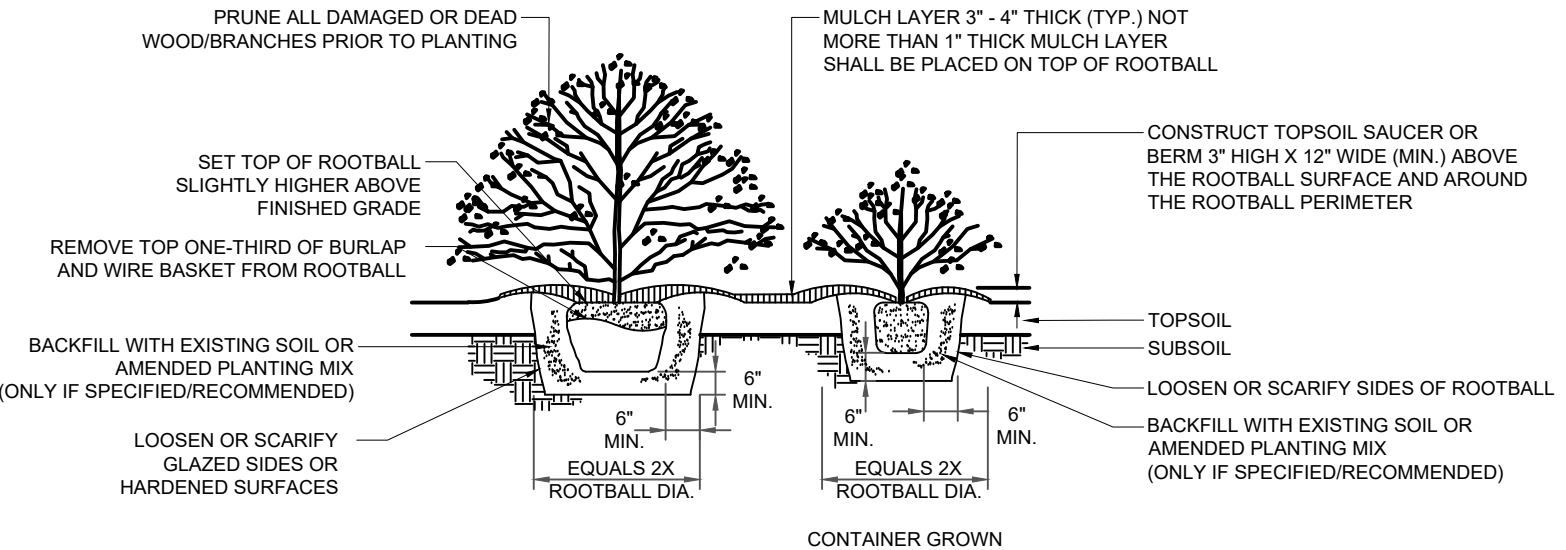
ALL WILDFLOWERS AND GRASSES SOWED SHALL BE ALLOWED TO GROW TO THEIR NATURALLY OCCURRING HEIGHTS WHENEVER POSSIBLE. NATIVE WILDFLOWERS AND/OR GRASSES CAN BE MOWED/MAINTAINED (WITHIN ACCEPTABLE AREAS IDENTIFIED AND/OR APPROVED BY APPROPRIATE REGULATORY AGENCIES) AS OFTEN AS NEEDED TO KEEP THE VEGETATION AT A DESIRED AND/OR MANAGEABLE/MANICURED HEIGHT.



NATIVE/DECIDUOUS TREE PLANTING DETAIL
N.T.S.



EVERGREEN TREE PLANTING DETAIL
N.T.S.



SHRUB PLANTING DETAIL
N.T.S.

ADDITIONAL LANDSCAPE AND SEEDING NOTES

- THE LANDSCAPING SEED MIXTURES AND SPECIFICATIONS ARE FOR INFORMATIONAL PURPOSES ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
- THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL SEEDING AREAS ON SITE ARE HEALTHY AND FREE OF DISEASE FOR THE LIFE OF THE PROJECT AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL RESEED ANY DEAD, UNHEALTHY, OR BARREN SEEDING AREAS AT CONTRACTOR'S EXPENSE. FINAL ACCEPTANCE SHALL BE MADE IF ALL VEGETATIVE AREAS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE AND COVERAGE PERCENTAGES REQUIRED BY THE STORMWATER POLLUTION PREVENTION PLAN. MAINTENANCE RESPONSIBILITIES INCLUDE INVASIVE SPECIES MONITORING, REMOVAL, AND SUPPLEMENTATION. MONITORING OF THE PROJECT SITE SHALL OCCUR IN THE SPRING AND THE FALL TO DETERMINE THE PRESENCE OF INVASIVE SPECIES. SHOULD ANY INVASIVE SPECIES BE IDENTIFIED WITHIN THE PROJECT SITE, THE INVASIVE SPECIES SHALL BE REMOVED ACCORDING TO METHODS MOST LIKELY TO BE EFFECTIVE IN CONTROLLING THAT SPECIES AND SUPPLEMENTING ITS REPLACEMENT WITH APPROPRIATE VEGETATION AND SEED MIX IDENTIFIED (AND APPROVED) ON THIS PLAN AND/OR AN APPROVED EQUAL. ADDITIONAL MAINTENANCE RESPONSIBILITIES MAY INCLUDE BUT NOT LIMITED TO: APPROVED CULTIVATING, WEEDING, WATERING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE FOR THE DURATION OF SOLAR ARRAY USE BY THE OWNER/OPERATOR AFTER FINAL ACCEPTANCE. WATERING OF THE LANDSCAPE AREAS SHALL BE IMPLEMENTED BY THE USE OF A WATERING TRUCK.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND SPECIFICATIONS AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE SEED SCHEDULES AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL SEED MIXTURES SHALL BE OF THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE SEED MATERIAL HAS BEEN GROWN LOCALLY, AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
- THE LOCATIONS FOR SEEDING AREAS ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO SEEDING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL AREAS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THESE AREAS.
- COORDINATE SEEDING AREA LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND/OR UTILITY PLANS FOR STORM, SANITARY, GAS, ELECTRIC, TELEPHONE AND WATER LINES. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DISTURBING THESE AREAS AND AVOID POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
- HYDROMULCH APPLICATION RATES FOR SLOPES GREATER THAN 3:1 RECEIVING A WILDFLOWER, AND/OR GRASS SEEDING MIXTURE MAY INCREASE PER SITE CONDITIONS. SEE MANUFACTURER'S RECOMMENDATIONS FOR STEEP SLOPES.
- ALL WILDFLOWERS AND GRASSES SOWED SHALL BE ALLOWED TO GROW TO THEIR NATURALLY OCCURRING HEIGHTS WHENEVER POSSIBLE. NATIVE WILDFLOWERS AND/OR GRASSES CAN BE MOWED/MAINTAINED (WITHIN ACCEPTABLE AREAS IDENTIFIED AND/OR APPROVED BY APPROPRIATE REGULATORY AGENCIES) AS OFTEN AS NEEDED TO KEEP THE VEGETATION AT A DESIRED AND/OR MANAGEABLE/MANICURED HEIGHT.

- SEEDING**
- APPLY SEED AT RATE PER - SEED MIXTURES
 - PLANTING SEASON: SEED FROM MARCH 15 TO MAY 1, AND AUGUST 15 TO OCTOBER 1. TEMPORARY SEEDING CAN OCCUR OUTSIDE OF THE PLANTING SEASON IN ACCORDANCE WITH THE MIXTURES AND RATES SPECIFIED WITHIN THE APPROVED STORMWATER POLLUTION PREVENTION PLAN.
 - DO NOT SOW IMMEDIATELY FOLLOWING RAIN, WHEN GROUND IS TOO DRY, OR WHEN WINDS EXCEED 12 MPH.
 - APPLY WATER WITH FINE SPRAY IMMEDIATELY AFTER EACH AREA HAS BEEN MULCHED. SATURATE TO 4 INCHES OF SOIL.

- HYDROSEEDING**
- APPLY GeoEARTH, GeoPERM BONDED FIBER MATRIX, AND SEEDED SLURRY WITH HYDRAULIC SEEDER AT RATE OF 5,000 LBS. PER ACRE, DRY WEIGHT, AND SEED COMPONENT IS DEPOSITED EVENLY IN ONE PASS AND NOT LESS THAN THE SPECIFIED SEED-SOWING RATE; MANUFACTURED BY GeoE Environmental OR AN APPROVED EQUIVALENT.
 - GeoEARTH: 2,000 LBS./ACRE
 - GeoPERM: 3,000 LBS./ACRE
 - SEED MIXTURE: PER SEED MIX (ADD SEED DRY WEIGHT TO TOTAL APPLICATION RATE)
 - AFTER APPLICATION, APPLY WATER WITH FINE SPRAY IMMEDIATELY AFTER EACH AREA HAS BEEN HYDROSEEDED. SATURATE TO 4 INCHES OF SOIL AND MAINTAIN MOISTURE LEVELS TWO TO FOUR INCHES.
 - THE CONTRACTOR SHALL ALSO FOLLOW THE TYPICAL INSTRUCTIONS AND RECOMMENDATIONS PER THE MANUFACTURER'S RECOMMENDATIONS AND FINAL APPLICATION RATES.

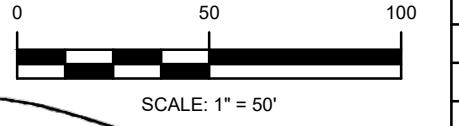
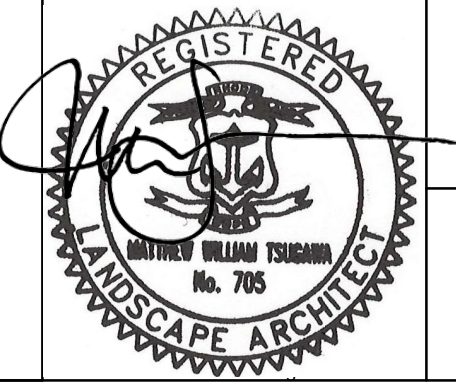
- MAINTENANCE**
- OCCASIONALLY MOW GRASS WITHIN THE SOLAR FARM TO MAINTAIN SEPARATION DISTANCES BETWEEN LOWER SIDE OF THE SOLAR PANEL AND VEGETATION TO AVOID ANY POTENTIAL SHADING OF THE SOLAR PANELS. AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE - MINIMUM OF 2 TO 3 TIMES PER GROWING SEASON.
 - WATER TO PREVENT SEED MIXTURES AND SOIL FROM DRYING OUT.
 - HAD RAKE AND SMOOTH SURFACE TO REMOVE MINOR DEPRESSIONS OR IRREGULARITIES.
 - CONTROL GROWTH OF WEEDS AND INVASIVE SPECIES USING MECHANICAL METHODS OR NATURAL/ORGANIC HORTICULTURAL HERBICIDES. REMEDY DAMAGE RESULTING FROM IMPROPER USE OF HERBICIDES.
 - IMMEDIATELY RESEED AREAS SHOWING BARE SPOTS WITH SPECIFIED SEED MIXTURE AND APPLICATION RATE.
 - REPAIR WASHOUTS OR GULLIES.
 - PROTECT SEEDING AREAS WITH WARNING SIGNS DURING MAINTENANCE PERIOD.



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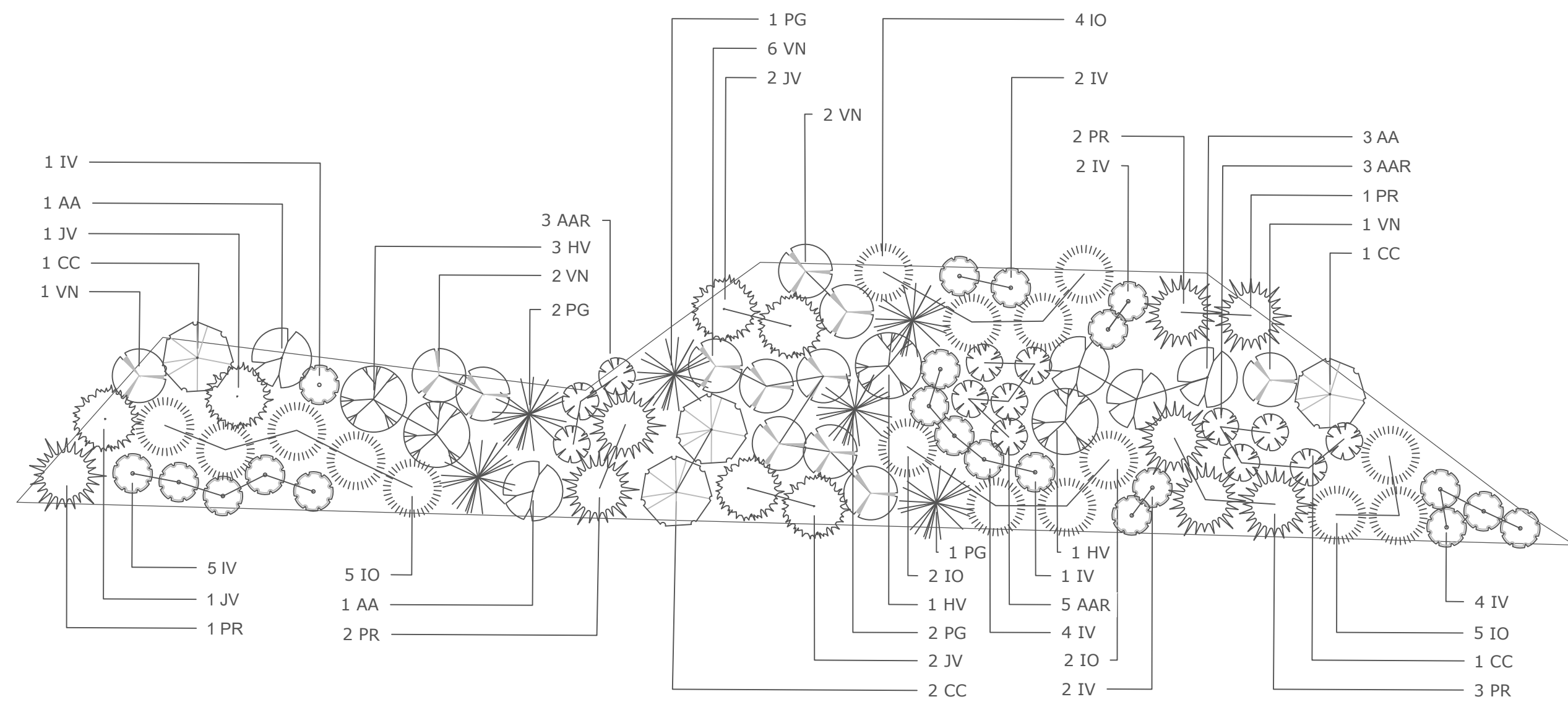
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**APPLICATION FOR SIGNIFICANT ALTERATION
 LANDSCAPE DETAILS**

FOR PERMITTING ONLY

DRAWING NO:
L-3
 PROJECT NO: 500563
 DATE OF ISSUE: 2/15/2024
 SHEET NO: 18 OF 19

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ACCESS ROAD - UPL SEED MIXES

NEW ENGLAND ROADSIDE MATRIX UPLAND SEED MIX (UPL AND FACU)				
	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
	SORGHASTUM NUTANS	INDIANGRASS	35	1250
	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM		
	CHAMAECRISTA FASCICULATA	PARTRIDGE PEA		
	FESTUCA RUBRA	RED FESCUE		

ACCESS ROAD - UPL SEED MIXES

ACCESS ROAD - FACU SEED MIXES

NEW ENGLAND WETLAND PLANTS (FACU)				
	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
	FESTUCA RUBRA	RED FESCUE	35	1250
	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM		
	AGROSTIS PERENNANS	UPLAND BENTGRASS		

ACCESS ROAD - FACU SEED MIXES

ACCESS ROAD - FACW SEED MIXES

NEW ENGLAND WETLAND PLANTS (FACW)				
	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
	ELYMUS RIPARIUS	RIVERBANK WILD RYE	35	1250
	BIDENS FRONDOSA	BEGGAR TICKS		
	EUPATORIUM PERFOLIATUM	BONESET		
	SCIRPUS CYPERINUS	WOOL GRASS		

ACCESS ROAD - FACW SEED MIXES

ACCESS ROAD - FAC SEED MIXES

NEW ENGLAND WETLAND PLANTS (FAC)				
	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
	ANDROPOGON GERARDII	BIG BLUESTEM	35	1250
	PANICUM VIRGATUM	SWITCH GRASS		

ACCESS ROAD - FAC SEED MIXES

DETENTION BASIN - NATIVE GRASS SEED MIXES
DETENTION BASIN SEED MIXES

NATIVE GRASS SEED MIX				
PERCENT	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
25%	ANDROPOGON GERARDII	BIG BLUESTEM	20	0.50
20%	SORGHASTUM NUTANS	INDIANGRASS		
20%	ANDROPOGON SCOPARIUS	LITTLE BLUESTEM		
20%	BOUTELOUA CURTIPENDULA	SIDEOATS GRAMA		
10%	ELYMUS CANADENSIS	CANADA WILD RYE		
5%	PANICUM VIRGATUM	SWITCH GRASS		

DETENTION BASIN SEED MIXES

SOLAR FARM GRASS SEED MIXES

ERNST SOLAR FARM SEED MIX: ERNMX - 186				
MIX CONCENTRATION	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
45.5%	FESTUCA RUBRA	CREeping RED FESCUE	262	6
15.0%	FESTUCA OVINA VAR. DURIUSCULA, 'JETTY'	HARD FESCUE, 'JETTY'		
15.0%	FESTUCA OVINA VAR. DURIUSCULA, 'GLADIATOR'	HARD FESCUE, 'GLADIATOR'		
10.0%	FESTUCA RUBRA SSP. COMMUTATA	CHEWING FESCUE		
5.0%	POA PRATENSIS, 'KELLY'	KENTUCKY BLUEGRASS, 'KELLY'		
5.0%	POA PRATENSIS, 'MAVERICK'	KENTUCKY BLUEGRASS, 'MAVERICK'		
4.5%	TRIFOLIUM REPENS, DUTCH	WHITE CLOVER, DUTCH		

NOTE:
GRASS SEED MIXES ARE COMPRISED OF GRASSES THAT ARE NATIVE AND/OR INDIGENOUS TO THE AREA AND/OR CONSIDERED FAVORABLE FOR WILDLIFE HABITAT AND SUSTAINABLE GROWTH. ADDITIONALLY, THE SOLAR FARM SEED MIX WAS DEVELOPED ESPECIALLY FOR GRASS PLANTINGS AROUND SOLAR ARRAY FIELDS AND SHALL BE UTILIZED ACCORDINGLY. THESE GRASSES WILL MATURE OUT TO A HEIGHT OF APPROXIMATELY 1 TO 3 FEET HIGH. WHITE CLOVER IS THE ONLY WILDFLOWER OR POLLINATOR SEED SPECIES CONTAINED IN THESE GRASS SEED MIX.

PRELIMINARY SOLAR FARM GRASS SEED MIXES

POLLINATOR FRIENDLY BUFFER SEED MIXES

ERNST NORTHEAST SOLAR POLLINATOR 3' MIX: ERNMX - 612				
MIX CONCENTRATION	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
94.9%	FESTUCA OVINA, VARIETY NOT STATED	SHEEP FESCUE, VARIETY NOT STATED	60	1.4
2.5%	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED		
2.0%	CHAMAECRISTA FASCICULATA, PA ECOTYPE	PARTRIDGE PEA, PA ECOTYPE		
0.3%	OENOTHERA FRUTICOSA VAR. FRUTICOSA	SUNDRUPS		
0.3%	TRADESCANTIA OHIENSIS, PA ECOTYPE	OHIO SPIDERWORT, PA ECOTYPE		

SEED AT A RATE OF 60 LB / ACRE WITH 45 LBS / ACRE OF A COVER CROP. FOR A COVER CROP USE EITHER GRAIN OATS (1 JAN TO 31 JUL) OR GRAIN RYE (1 AUG TO 31 DEC)

NOTE:
NATIVE POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE AN EXCELLENT WILDLIFE FOOD AND SHELTER THAT WILL ATTRACT A VARIETY OF POLLINATORS AND SONGBIRDS. THE NATIVE WILDFLOWERS AND GRASSES IN THIS MIX PROVIDE AN ATTRACTIVE DISPLAY OF COLOR FROM SPRING TO FALL. POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE NECTAR AND FOOD SOURCES FOR A VARIETY OF POLLINATORS AND LARVA. THESE MIXES ARE COMPRISED OF A FAIRLY EVEN MIX OF NATIVE AND/OR INDIGENOUS WILDFLOWERS AND GRASSES. THE POLLINATOR SEED MIX IS INTENDED TO BE SOWN IN THE DESIGNATED AREAS OR POCKETS THAT ARE ADJACENT TO THE SOLAR ARRAY FIELD AND AROUND THE INSIDE PERIMETER OF THE SECURITY FENCE. SEE CIVIL DRAWING FOR APPROXIMATE LOCATIONS.

FLOWERING HERBACEOUS LAYER/NORTHEAST SOLAR POLLINATOR SEED MIXES

BUFFER PLANTING

LEGEND VISUAL MITIGATION PLANTING TEMPLATE - TYPE A
LANDSCAPE PLANTING SCHEDULE (30' VISUAL BUFFER/SCREENING EFFORT)

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	5	8' MIN. HT. CLUMP	B&B	15'-20' HT.
CC	CARPINUS CAROLINIANA AMERICAN HORNBEAM	4	2" MIN. CAL.	B&B	25'-30' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	4	8' MIN. HT. CLUMP	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	6	8' MIN. HT.	B&B	40'-50' HT.
PR	PICEA RUBENS RED SPRUCE	8	8' MIN. HT.	B&B	30'-60' HT.
PG	PICEA GLAUCA WHITE SPRUCE	6	8' MIN. HT.	B&B	40'-60' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AAR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	13	36" HT. MIN.	3 / 5 GAL. CONT.	5'-12' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	21	36" HT. MIN.	3 / 5 GAL. CONT.	10'-12' HT.
IO	ILEX OPACA AMERICAN HOLLY	16	36" HT. MIN.	5 / 7 GAL. CONT.	12'-30' HT.
VN	VIBURNUM NUDUM VAR. NUDUM WITHEROD	12	36" HT. MIN.	3 / 5 GAL. CONT.	6'-12' HT.

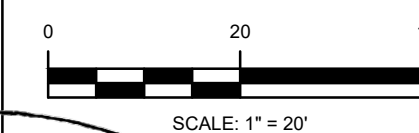
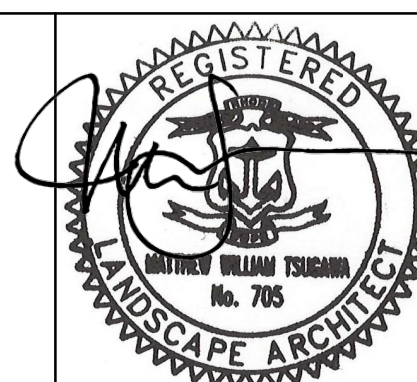
BUFFER PLANTING SCHEDULE



10 HEMINGWAY DRIVE, 2ND FL.
EAST PROVIDENCE, RI 02915
P: 401-434-5560
WWW.TRCCOMPANIES.COM

EDPR NA DISTRIBUTED GENERATION LLC
100 PARK AVE, SUITE 2400
NEW YORK, NEW YORK
10017

MOO COW SOLAR
AP 304, LOTS 27.1 and 28
2446 VICTORY HIGHWAY
COVENTRY, RHODE ISLAND



No.	REVISION	DATE	DRAWN	DESIGN	CHK

**APPLICATION FOR SIGNIFICANT ALTERATION
LANDSCAPE DETAILS**

DRAWING NO:

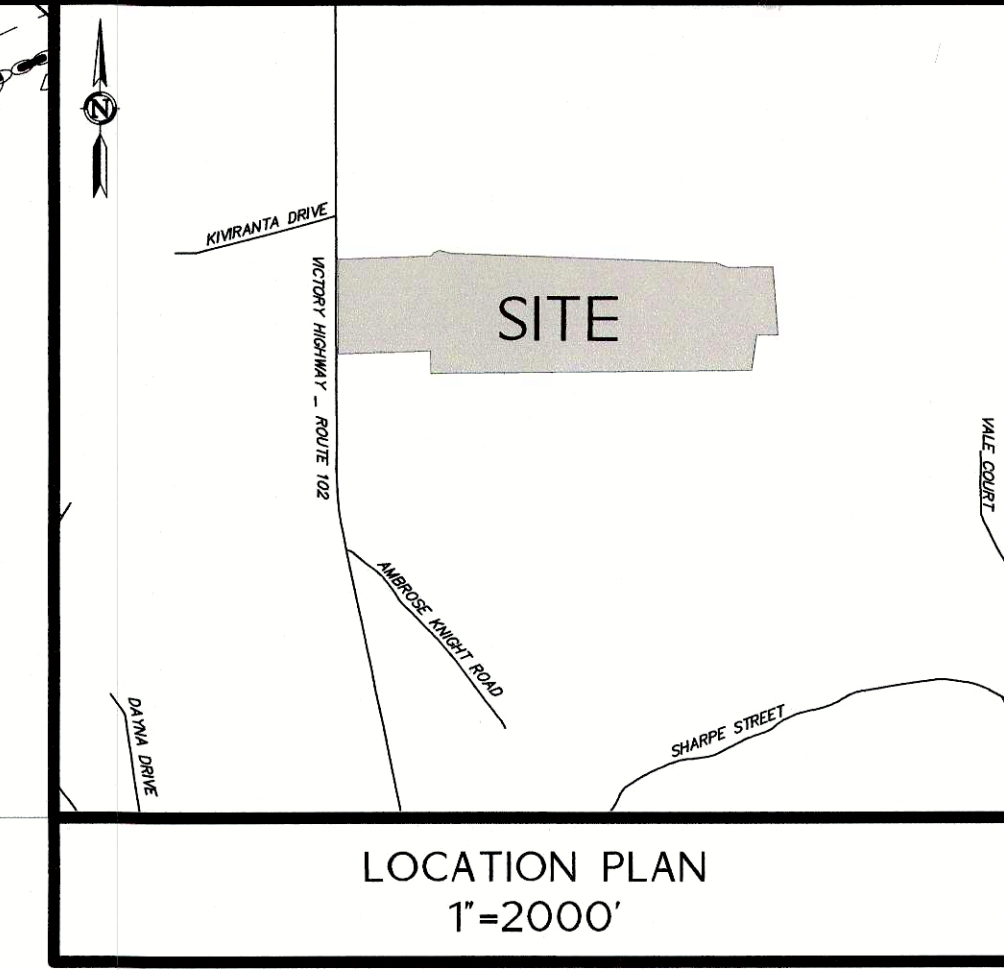
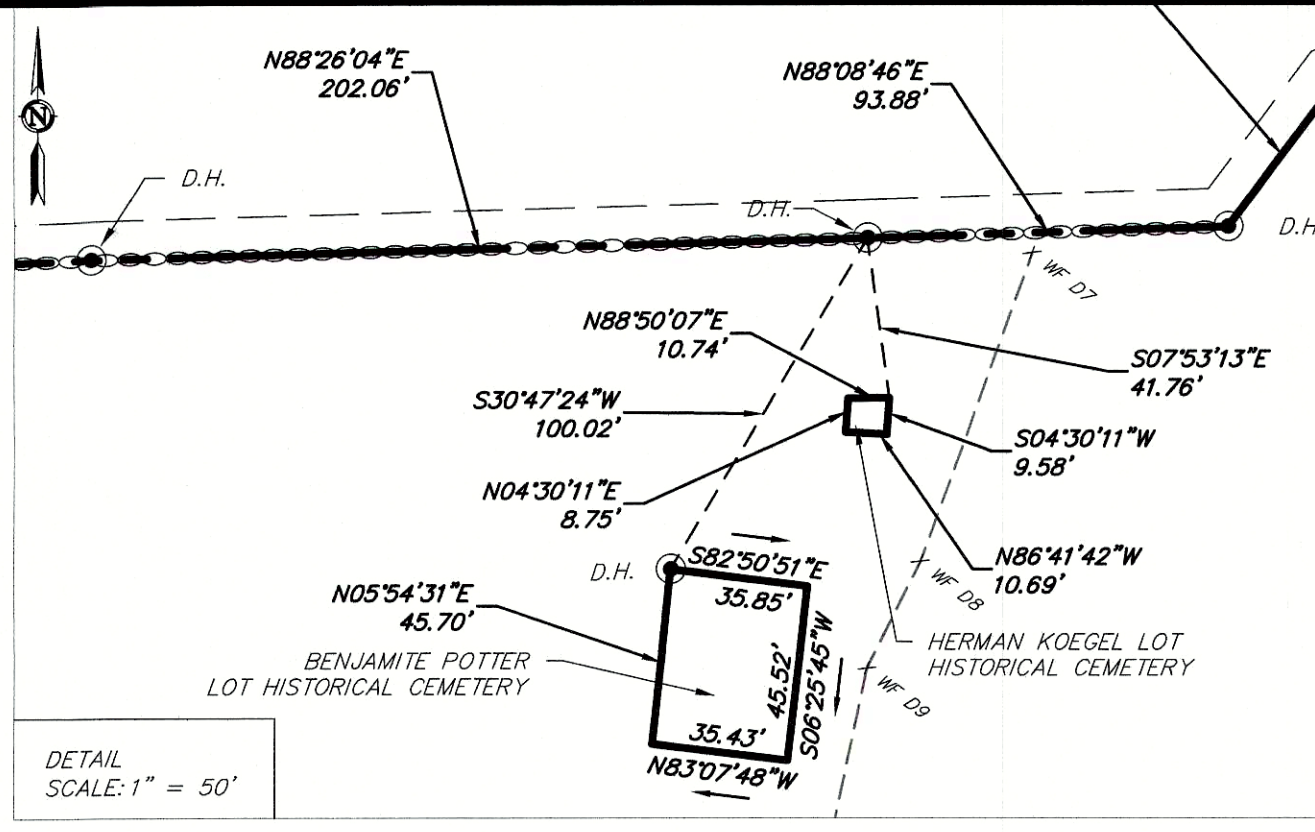
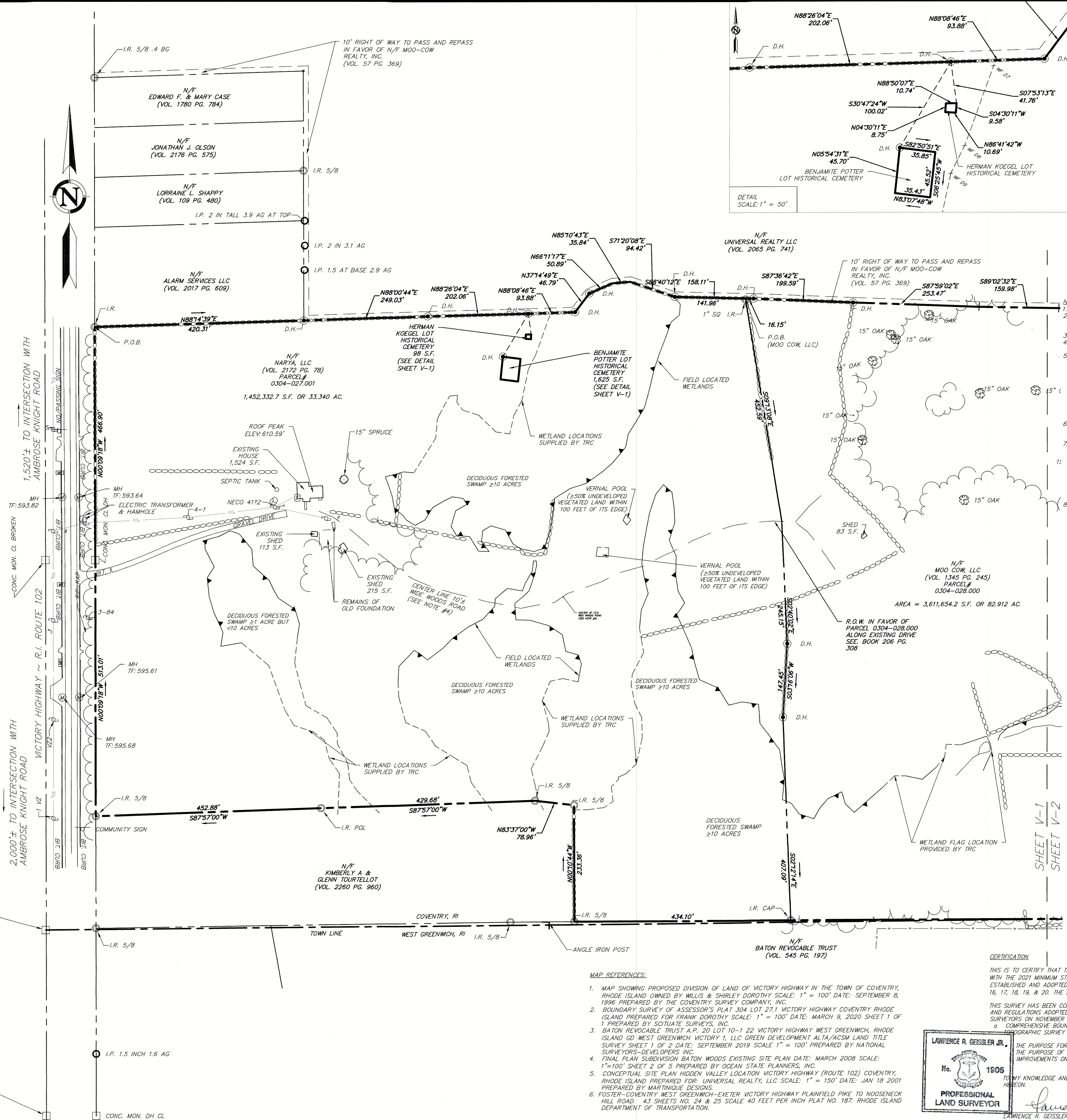
L-4

PROJECT NO: 500563
DATE OF ISSUE: 2/15/2024
SHEET NO: 19 OF 19

FOR PERMITTING ONLY

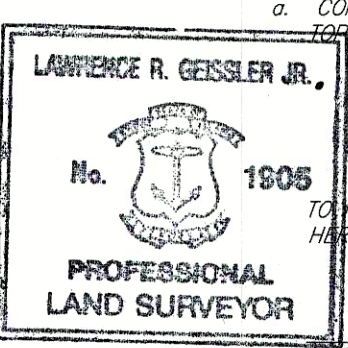
DATE: Feb 20, 2024 - 11:58AM FILENAME: \\ny01\projects\500563 - Project\With\500563 - EDRP - Moos Cow Solar\04\Drawings\500563 - Moos Cow Prelim Landscape Planting

LEGEND	
EXISTING	DESCRIPTION
	BORING / TEST PIT LOCATION
	OVERHEAD COMM. LINES (CABLE, TEL, ETC.)
	APPROX. UNDERGROUND COMMUNICATION LINES
	BENCHMARK
	APPROX. WATER MAIN
	APPROX. WATER SERVICE
	WATER VALVE
	FIRE HYDRANT
	POLE MOUNTED LIGHT
	GAS VALVE
	APPROX. GAS MAIN
	APPROX. GAS SERVICE LINE
	ELECTRICAL LINES, OVERHEAD
	APPROX. ELECTRICAL LINES, UNDERGROUND
	UTILITY POLE
	UTILITY POLE WITH LIGHT
	UTILITY POLE WITH TRANSFORMER
	PROPERTY LINE
	EASEMENT LINE
	IRON PIPE
	IRON ROD
	MONUMENT
	GUARD RAIL
	SIGN
	EDGE OF WATER
	BARBED WIRE FENCE
	CHAIN LINK FENCE
	RAIL FENCE
	STOCKADE FENCE
	WIRE FENCE
	STONE WALL
	TREE
	TREE LINE
	APPROX. SANITARY SEWER MAIN
	APPROX. SANITARY SEWER SERVICE LINE
	SANITARY SEWER MANHOLE
	SEWER CLEAN OUT
	APPROX. STORM DRAIN PIPE
	STORM DRAIN MANHOLE
	CURB INLET
	CATCH BASIN
	CONTOUR
	SPOT ELEVATION
	WETLANDS LINE



- NOTES:**
- PROPERTY IS IN THE RR5 (RURAL RESIDENTIAL - 5 ACRES) ZONE.
 - PARCEL #0304-027.001 CONTAINS 1,452,332.7 SQUARE FEET OR 33.340 ACRES. PARCEL #0304-028.000 CONTAINS 3,611,654.2 SQUARE FEET OR 82.912 ACRES. PARCEL #0304-028.000 CONTAINS 44,848 SQUARE FEET OR 1.029 ACRES.
 - HORIZONTAL DATUM IS BASED ON NAD83. VERTICAL DATUM IS BASED ON NAVD83.
 - PARCEL 0304-027.001 IS SUBJECT TO A R.O.W. IN FAVOR OF PARCEL 0304-028.00 ALONG EXISTING PATH. SEE BOOK 206 PG. 308.
 - PROPERTY DOES NOT FALL WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD ZONE AS DEPICTED ON: "FIRM FLOOD INSURANCE RATE MAP NUMBER 44003000904 TOWN OF COVENTRY RHODE ISLAND KENT COUNTY" PANEL 90 OF 251 COMMUNITY NUMBER 440004 EFFECTIVE DATE: APRIL 3, 2020 AS DEPICTED ON "FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION AND AS DEPICTED ON: "FIRM FLOOD INSURANCE RATE MAP NUMBER 44003000905 TOWN OF COVENTRY RHODE ISLAND KENT COUNTY PANEL 95 OF 251 COMMUNITY NUMBER 440004 EFFECTIVE DATE: DECEMBER 3, 2010 AS DEPICTED ON "FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION.
 - NO RECENT EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED DURING THE PROCESS OF CONDUCTING FIELD WORK.
 - UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO DESIGN PROFESSIONALS, INC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" FOR UNDERGROUND UTILITY MARKING AT LEAST TWO FULL WORKING DAYS PRIOR TO START OF CONSTRUCTION: 1-800-922-4455 OR WWW.CBYD.COM.

- MAP REFERENCES:**
- MAP SHOWING PROPOSED DIVISION OF LAND OF VICTORY HIGHWAY IN THE TOWN OF COVENTRY, RHODE ISLAND OWNED BY WILLIS & SHIRLEY DOROTHY SCALE: 1" = 100' DATE: SEPTEMBER 8, 1996 PREPARED BY THE COVENTRY SURVEY COMPANY, INC.
 - BOUNDARY SURVEY OF ASSESSOR'S PLAT 304 LOT 27.1 VICTORY HIGHWAY COVENTRY RHODE ISLAND PREPARED FOR FRANK DOROTHY SCALE: 1" = 100' DATE: MARCH 9, 2020 SHEET 1 OF 1 PREPARED BY SCITUALE SURVEYS, INC.
 - BATON REVOCABLE TRUST A.P. 20 LOT 10-1 22 VICTORY HIGHWAY WEST GREENWICH, RHODE ISLAND GO WEST GREENWICH VICTORY 1, LLC GREEN DEVELOPMENT ALTA/AGSM LAND TITLE SURVEY SHEET 1 OF 2 DATE: SEPTEMBER 2019 SCALE: 1" = 100' PREPARED BY NATIONAL SURVEYORS-DEVELOPERS INC.
 - FINAL PLAN SUBDIVISION BATON WOODS EXISTING SITE PLAN DATE: MARCH 2008 SCALE: 1"=100' SHEET 2 OF 5 PREPARED BY OCEAN STATE PLANNERS, INC.
 - CONCEPTUAL SITE PLAN HIDDEN VALLEY LOCATION VICTORY HIGHWAY (ROUTE 102) COVENTRY, RHODE ISLAND PREPARED FOR: UNIVERSAL REALTY, LLC SCALE: 1" = 150' DATE: JAN 18 2001 PREPARED BY MARTINIQUE DESIGNS.
 - FOSTER-COVENTRY WEST GREENWICH-EXETER VICTORY HIGHWAY PLAINFIELD PIKE, TO NOOSENECK HILL ROAD, 43 SHEETS NO. 24 & 25 SCALE 40 FEET PER INCH PLAT NO. 187, RHODE ISLAND DEPARTMENT OF TRANSPORTATION.



CERTIFICATION:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6a, 6b, 7b(1), 7c, 8, 11a, 13, 14, 15, 16, 17, 18, 19, & 20. THE FIELD WORK WAS COMPLETED ON 12/30/22.

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

a. COMPREHENSIVE BOUNDARY SURVEY CLASS 1
b. TOPOGRAPHIC SURVEY ACCURACY CLASS T-2

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Lawrence R. Geissler, Jr.
1905
DATE: 4/3/2023
LIC. NO.

design Professionals
CIVIL & TRAFFIC ENGINEERS / PLANNERS / SURVEYORS
GIS ANALYSTS / LANDSCAPE ARCHITECTS

21 BETHELY DRIVE
P.O. BOX 187
SOUTH WINDSOR, CT 06074
860-291-8727
www.designprofessionals.com

PREPARED FOR:
TRC Companies, Inc.
404 Wyman Street,
Suite 375
Waltham, MA 02451

VICTORY HIGHWAY
2446 VICTORY HIGHWAY
COVENTRY, RHODE ISLAND

ALTA/NSPS LAND TITLE SURVEY

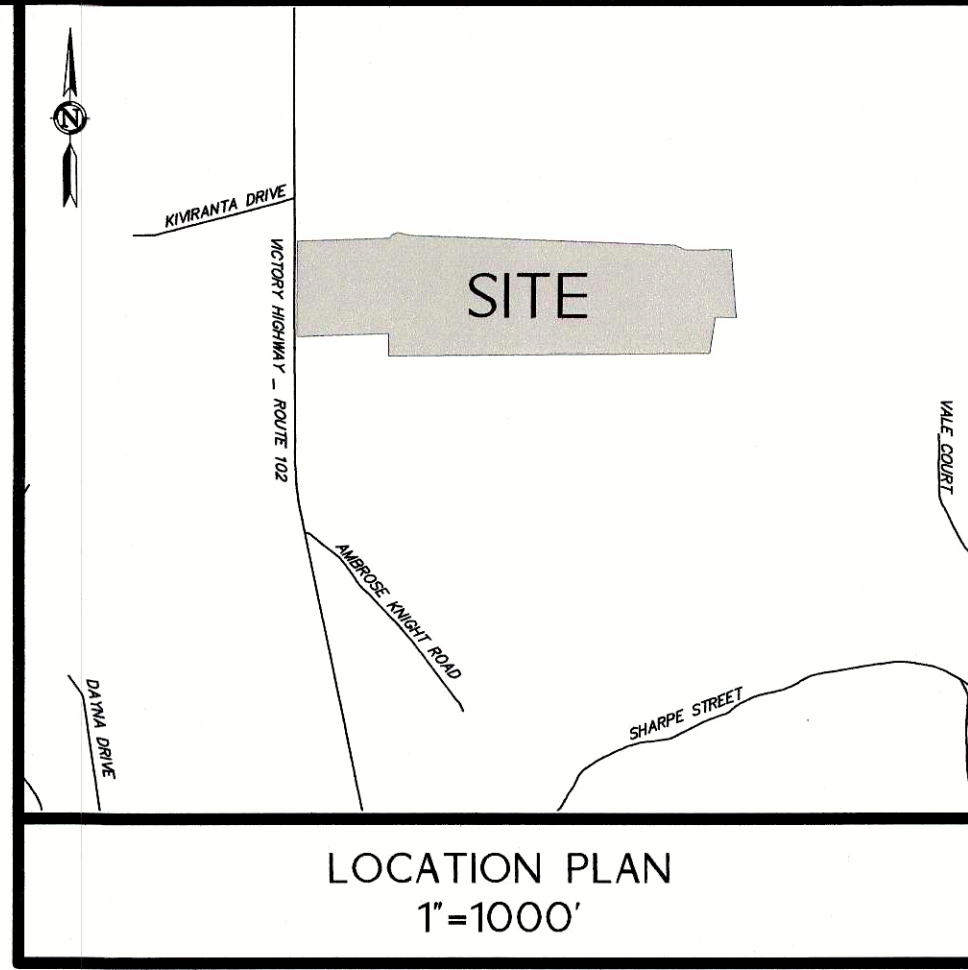
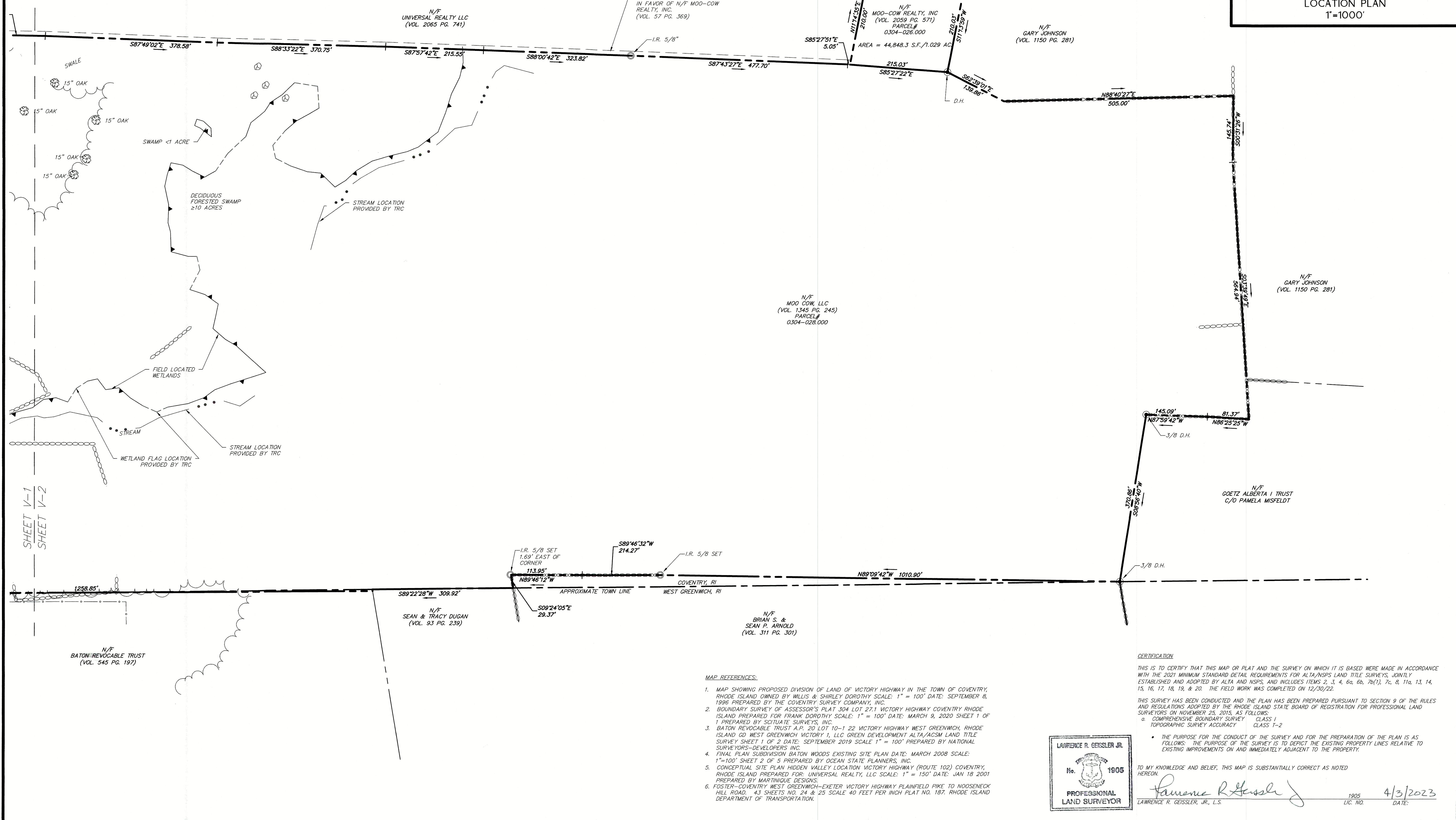
NO. DATE REVISIONS BY

1	3/31/23	SHOW 10' EASEMENT AND PARCEL #0304-028.000	MHA
---	---------	--	-----

SCALE: 0 50' 100' 200'
1" = 100'

SHEET V-1

- NOTES:**
- PROPERTY IS IN THE RRS (RURAL RESIDENTIAL - 5 ACRES) ZONE.
 - PARCEL #0304-027.001 CONTAINS 1,452,332.7 SQUARE FEET OR 33.340 ACRES. PARCEL #0304-028.000 CONTAINS 5,616,644.2 SQUARE FEET OR 128.912 ACRES. PARCEL #0304-026.000 CONTAINS 44,848.3 SQUARE FEET OR 1.029 ACRES.
 - HORIZONTAL DATUM IS BASED ON NAD83. VERTICAL DATUM IS BASED ON NAVD88.
 - PARCEL 0304-027.001 IS SUBJECT TO A R.O.W. IN FAVOR OF PARCEL 0304-028.00 ALONG EXISTING PATH, SEE BOOK 206 PG. 309.
 - PROPERTY DOES NOT FALL WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD ZONE AS DEPICTED ON: "FIRM FLOOD INSURANCE RATE MAP NUMBER 44003C00900H TOWN OF COVENTRY RHODE ISLAND KENT COUNTY PANEL 90 OF 251 COMMUNITY NUMBER 440004 EFFECTIVE DATE: APRIL 3, 2020 AS DEPICTED ON FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION AND AS DEPICTED ON: "FIRM FLOOD INSURANCE RATE MAP NUMBER 44003C0095G TOWN OF COVENTRY RHODE ISLAND KENT COUNTY PANEL 95 OF 251 COMMUNITY NUMBER 440004 EFFECTIVE DATE: DECEMBER 3, 2010 AS DEPICTED ON FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION.
 - NO RECENT EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED DURING THE PROCESS OF CONDUCTING FIELD WORK.
 - UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO DESIGN PROFESSIONALS, INC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" FOR UNDERGROUND UTILITY MARKING AT LEAST TWO FULL WORKING DAYS PRIOR TO START OF CONSTRUCTION: 1-800-922-4455 OR WWW.CBYD.COM.



- MAP REFERENCES:**
- MAP SHOWING PROPOSED DIVISION OF LAND OF VICTORY HIGHWAY IN THE TOWN OF COVENTRY, RHODE ISLAND OWNED BY HILLIS & SHIRLEY DOROTHY SCALE: 1" = 100' DATE: SEPTEMBER 8, 1996 PREPARED BY THE COVENTRY SURVEY COMPANY, INC.
 - BOUNDARY SURVEY OF ASSESSOR'S PLAT 304 LOT 27.1 VICTORY HIGHWAY COVENTRY RHODE ISLAND PREPARED FOR FRANK DOROTHY SCALE: 1" = 100' DATE: MARCH 9, 2020 SHEET 1 OF 1 PREPARED BY SCITUATE SURVEYS, INC.
 - BATON REVOCABLE TRUST A.P. 20 LOT 10-1 22 VICTORY HIGHWAY WEST GREENWICH, RHODE ISLAND GD WEST GREENWICH VICTORY 1, LLC GREEN DEVELOPMENT ALTA/ACSM LAND TITLE SURVEY SHEET 1 OF 2 DATE: SEPTEMBER 2019 SCALE 1" = 100' PREPARED BY NATIONAL SURVEYORS-DEVELOPERS INC.
 - FINAL PLAN SUBDIVISION BATON WOODS EXISTING SITE PLAN DATE: MARCH 2008 SCALE: 1"=100' SHEET 2 OF 5 PREPARED BY OCEAN STATE PLANNERS, INC.
 - CONCEPTUAL SITE PLAN HIDDEN VALLEY LOCATION VICTORY HIGHWAY (ROUTE 102) COVENTRY, RHODE ISLAND PREPARED FOR: UNIVERSAL REALTY, LLC SCALE: 1" = 150' DATE: JAN 18 2001 PREPARED BY MARTINIQUE DESIGNS.
 - FOSTER-COVENTRY WEST GREENWICH-EXETER VICTORY HIGHWAY PLAINFIELD PIKE TO NOOSENECK HILL ROAD, 43 SHEETS NO. 24 & 25 SCALE 40 FEET PER INCH PLAT NO. 187, RHODE ISLAND DEPARTMENT OF TRANSPORTATION.

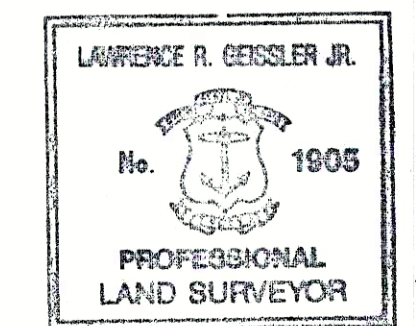
CERTIFICATION

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THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 28, 2015, AS FOLLOWS:

- COMPREHENSIVE BOUNDARY SURVEY CLASS 1
- TOPOGRAPHIC SURVEY ACCURACY CLASS T-2

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: THE PURPOSE OF THE SURVEY IS TO DEPICT THE EXISTING PROPERTY LINES RELATIVE TO EXISTING IMPROVEMENTS ON AND IMMEDIATELY ADJACENT TO THE PROPERTY.

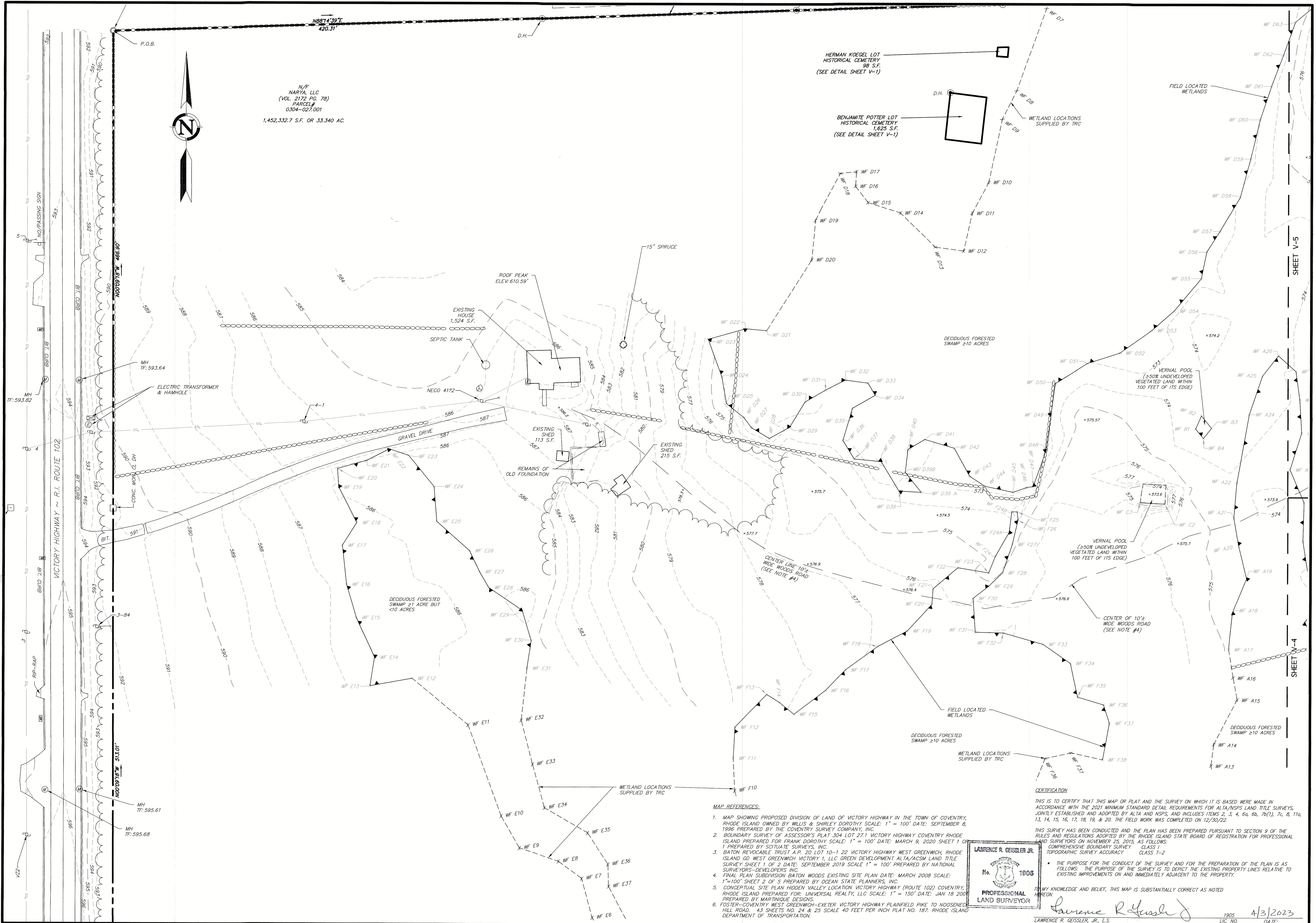


TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Lawrence R. Geissler, Jr.
LAWRENCE R. GEISSLER, JR., L.S. 1905
DATE: 4/3/2023

design professionals CIVIL & TRAFFIC ENGINEERS / PLANNERS / SURVEYORS CIVIL, GIS ANALYSTS / LANDSCAPE ARCHITECTS	
21 JERRY DRIVE SOUTH WINDSOR, CT 06074 860-291-8795 860-291-8795 www.designprofessionals.com	
PROJECT NO. 4372	PREPARED FOR: TRC Companies, Inc. 404 Wyman Street, Suite 375 Waltham, MA 02451
DATE: 3-06-23	CHECKED BY: MHA
DRAWN BY: MHA	IN CHARGE BY: LSC
VICTORY HIGHWAY 2446 VICTORY HIGHWAY COVENTRY, RHODE ISLAND	
NO. 1 DATE 3-31-23	REVISIONS SHOW 10' EASEMENT AND PARCEL K0304-26.000
ALTA/NSPS LAND TITLE SURVEY	
SCALE: 0 50' 100' 200' 1" = 100'	
SHEET V-2	

File C:\Users\43722\Survey\Survey_Base\43722_Survey_Base.dwg Layout V-3 TOPO 40 SCALE Plotted 3/31/2023 10:04 AM Last Saved 3/21/2023 9:52 AM Last Saved By: Matt Aronoff



N/F
NARYA, LLC
(VOL. 2172 PG. 78)
PARCEL#
0304-027.001
1,452,332.7 S.F. OR 33,340 AC.

HERMAN KOEGL LOT
HISTORICAL CEMETERY
98 S.F.
(SEE DETAIL SHEET V-1)

BENJAMITE POTTER LOT
HISTORICAL CEMETERY
1,625 S.F.
(SEE DETAIL SHEET V-1)

ROOF PEAK
ELEV: 610.59'

EXISTING
HOUSE
1,524 S.F.

EXISTING
SHED
113 S.F.

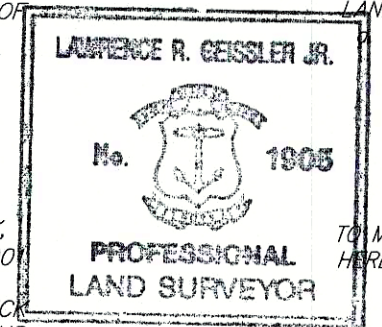
EXISTING
SHED
215 S.F.

CENTER LINE 10'±
WIDE WOODS ROAD
(SEE NOTE #4)

CENTER OF 10'±
WIDE WOODS ROAD
(SEE NOTE #4)

MAP REFERENCES:

- MAP SHOWING PROPOSED DIVISION OF LAND OF VICTORY HIGHWAY IN THE TOWN OF COVENTRY, RHODE ISLAND OWNED BY WILLIS & SHIRLEY DOROTHY SCALE: 1" = 100' DATE: SEPTEMBER 8, 1989 PREPARED BY THE COVENTRY SURVEY COMPANY, INC.
- BOUNDARY SURVEY OF ASSESSOR'S PLAT 304 LOT 27.1 VICTORY HIGHWAY COVENTRY RHODE ISLAND PREPARED FOR FRANK DOROTHY SCALE: 1" = 100' DATE: MARCH 9, 2020 SHEET 1 OF 1 PREPARED BY SCOTLATE SURVEYS, INC.
- BATON REVOCABLE TRUST A.P. 20 LOT 10-1 22 VICTORY HIGHWAY WEST GREENWICH, RHODE ISLAND GD WEST GREENWICH VICTORY 1, LLC GREEN DEVELOPMENT ALTA/ACSM LAND TITLE SURVEY SHEET 1 OF 2 DATE: SEPTEMBER 2019 SCALE 1" = 100' PREPARED BY NATIONAL SURVEYORS-DEVELOPERS INC.
- FINAL PLAN SUBDIVISION BATON WOODS EXISTING SITE PLAN DATE: MARCH 2008 SCALE: 1"=100' SHEET 2 OF 5 PREPARED BY OCEAN STATE PLANNERS, INC.
- CONCEPTUAL SITE PLAN HIDDEN VALLEY LOCATION VICTORY HIGHWAY (ROUTE 102) COVENTRY, RHODE ISLAND PREPARED FOR: UNIVERSAL REALTY, LLC SCALE: 1" = 150' DATE: JAN 18 2009 PREPARED BY MARTINIQUE DESIGNS.
- FOSTER-COVENTRY WEST GREENWICH-EXETER VICTORY HIGHWAY PLAINFIELD PIKE TO NOOSENECK HILL ROAD. 43 SHEETS NO. 24 & 25 SCALE 40 FEET PER INCH PLAT NO. 187, RHODE ISLAND DEPARTMENT OF TRANSPORTATION.



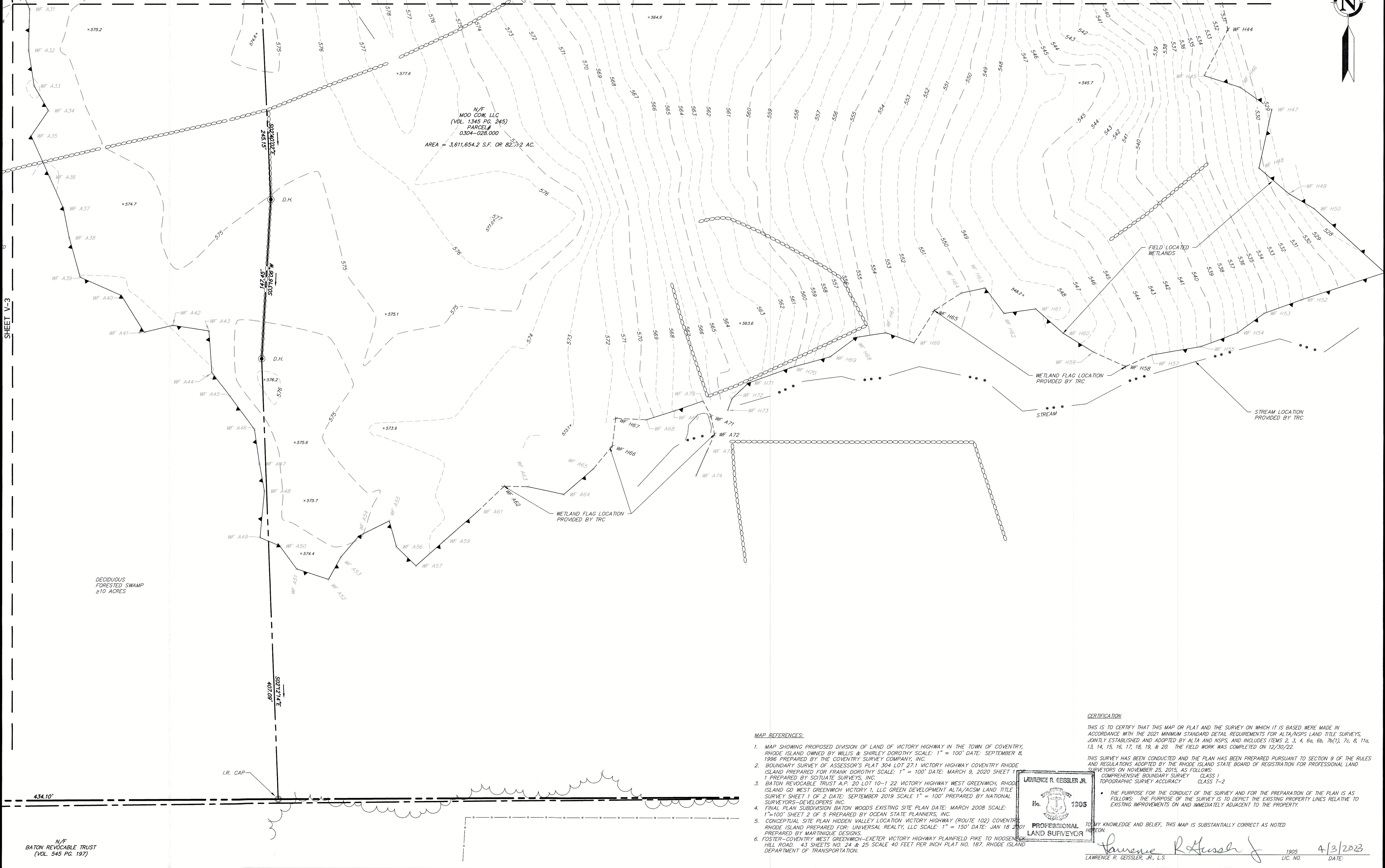
CERTIFICATION
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6a, 6b, 7a(1), 7c, 8, 11a, 13, 14, 15, 16, 17, 18, 19, & 20. THE FIELD WORK WAS COMPLETED ON 12/30/22.
THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:
COMPREHENSIVE BOUNDARY SURVEY CLASS 1 TOPOGRAPHIC SURVEY ACCURACY CLASS T-2
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS. THE PURPOSE OF THE SURVEY IS TO DEPICT THE EXISTING PROPERTY LINES RELATIVE TO EXISTING IMPROVEMENTS ON AND IMMEDIATELY ADJACENT TO THE PROPERTY.
TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Lawrence R. Geissler Jr.
LAWRENCE R. GEISLER, JR., L.S.
1905
DATE: 4/3/2023

<p>design Professionals CIVIL ENGINEERING ARCHITECTS</p> <p>21 JEFFREY DRIVE SOUTH WINDSOR, CT 06474 860-291-8755 - F 860-291-8757 - P www.designprofessionals.com</p>	
<p>PREPARED FOR: TRC Companies, Inc. 404 Wymon Street Waltham, MA 02451</p>	<p>PROJECT NO: 4372</p> <p>DATE: 3-06-23</p> <p>DRAWN BY: MHA</p> <p>CHECKED BY: RGC</p>
<p>VICTORY HIGHWAY</p> <p>2446 VICTORY HIGHWAY COVENTRY, RHODE ISLAND</p>	
<p>NO. 1</p> <p>DATE 3-21-23</p> <p>BY MHA</p>	<p>REVISIONS</p> <p>SHOW 10' EASEMENT AND PARCEL #0304-026.000</p>
<p>PROPERTY & TOPOGRAPHIC SURVEY</p> <p>SCALE 0' 20' 40' 60'</p> <p>1" = 40'</p> <p>SHEET V-3</p>	

SHEET V-5

SHEET V-3



N/F
MOO COW, LLC
(VOL. 1345 PG. 245)
PARCEL #
0304-028.000
AREA = 3,611,654.2 S.F. OR 82.32 AC.

DECIDUOUS
FORESTED SWAMP
≥10 ACRES

MAP REFERENCES:

- MAP SHOWING PROPOSED DIVISION OF LAND OF VICTORY HIGHWAY IN THE TOWN OF COVENTRY, RHODE ISLAND OWNED BY WILLIS & SHIRLEY DOROTHY SCALE: 1" = 100' DATE: SEPTEMBER 8, 1996 PREPARED BY THE COVENTRY SURVEY COMPANY, INC.
- BOUNDARY SURVEY OF ASSESSOR'S PLAT 304 LOT 271 VICTORY HIGHWAY COVENTRY RHODE ISLAND PREPARED FOR FRANK DOROTHY SCALE: 1" = 100' DATE: MARCH 9, 2020 SHEET 1 PREPARED BY SOCIUATE SURVEYS, INC.
- BATON REVOCABLE TRUST A.P. 20 LOT 10-1 22 VICTORY HIGHWAY WEST GREENWICH, RHODE ISLAND GO WEST GREENWICH VICTORY 1, LLC GREEN DEVELOPMENT ALTA/ACSM LAND TITLE SURVEY SHEET 1 OF 2 DATE: SEPTEMBER 2019 SCALE: 1" = 100' PREPARED BY NATIONAL SURVEYORS-DEVELOPERS INC.
- FINAL PLAN SUBDIVISION BATON WOODS EXISTING SITE PLAN DATE: MARCH 2008 COVENTRY RHODE ISLAND PREPARED FOR: UNIVERSAL REALTY, LLC SCALE: 1" = 150' DATE: JAN 18 2001 PREPARED BY MARTINIQUE DESIGNS.
- CONCEPTUAL SITE PLAN HIDDEN VALLEY VICTORY HIGHWAY PLAINFIELD PIKE TO MOOSEHILL ROAD, 43 SHEETS NO. 24 & 25 SCALE 40 FEET PER INCH PLAT NO. 187, RHODE ISLAND DEPARTMENT OF TRANSPORTATION.

CERTIFICATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6a, 6b, 7b(1), 7c, 8, 11a, 13, 14, 15, 16, 17, 18, 19, & 20. THE FIELD WORK WAS COMPLETED ON 12/30/22.

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS IN NOVEMBER 25, 2015, AS FOLLOWS:

COMPREHENSIVE BOUNDARY SURVEY CLASS 1-2
TOPOGRAPHIC SURVEY ACCURACY CLASS 1-2

THE PURPOSE OF THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: THE PURPOSE OF THE SURVEY IS TO DEPICT THE EXISTING PROPERTY LINES RELATIVE TO EXISTING IMPROVEMENTS ON AND IMMEDIATELY ADJACENT TO THE PROPERTY.



Lawrence R. Geissler, Jr. 1305 4/3/2023
LAWRENCE R. GEISSELER, JR., L.S. LIC. NO. DATE:

21 JEFFREY DRIVE
P.O. BOX 1167
SOUTH WINDSOR, CT 06074
860-291-8757 - F
www.designprofessionalsinc.com

design professionals
CIVIL & TRAFFIC ENGINEERS / PLANNERS / SURVEYORS
GIS ANALYSTS / LANDSCAPE ARCHITECTS

PREPARED FOR:
TRC Companies, Inc.
404 Wyman Street,
Suite 375
Waltham, MA 02451

PROJECT NO:
4372

DATE:
3-06-23

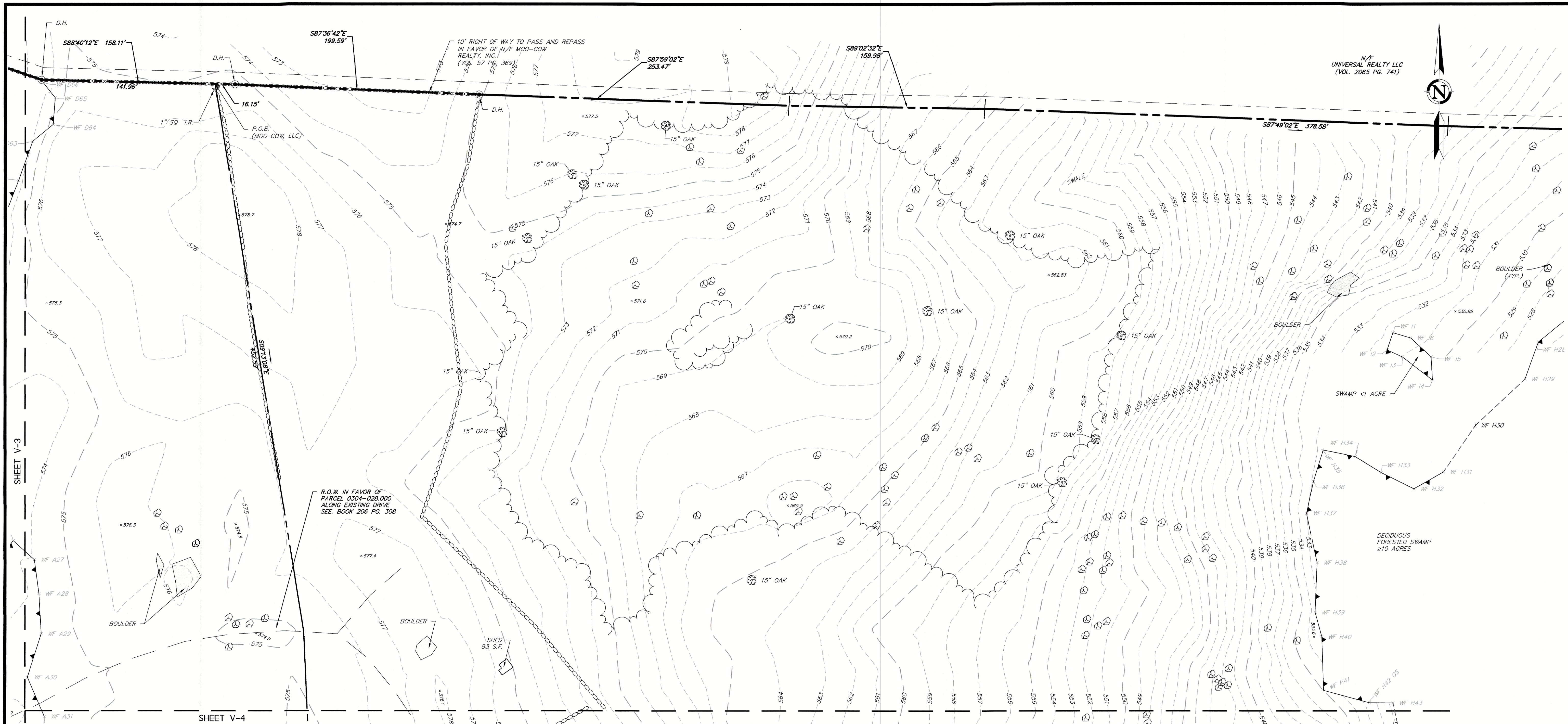
DESIGNED BY:
MMA

CHECKED BY:
MMA

SCALE:
1" = 40'

SHEET
V-4

VICTORY HIGHWAY
2446 VICTORY HIGHWAY
COVENTRY, RHODE ISLAND



N/F UNIVERSAL REALTY LLC
(VOL. 2065 PG. 741)



SHEET V-3

SHEET V-4

LEGEND	
EXISTING	DESCRIPTION
	BORING / TEST PIT LOCATION
	OVERHEAD COMM. LINES (CABLE, TEL, ETC.) APPROX. UNDERGROUND COMMUNICATION LINES
	BENCHMARK
	APPROX. WATER MAIN APPROX. WATER SERVICE WATER VALVE FIRE HYDRANT
	POLE MOUNTED LIGHT
	GAS VALVE APPROX. GAS MAIN APPROX. GAS SERVICE LINE
	ELECTRICAL LINES, OVERHEAD APPROX. ELECTRICAL LINES, UNDERGROUND UTILITY POLE UTILITY POLE WITH LIGHT UTILITY POLE WITH TRANSFORMER
	PROPERTY LINE EASEMENT LINE

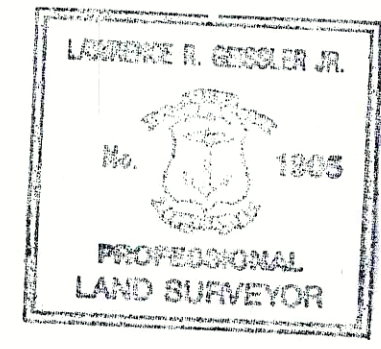
	IRON PIPE
	IRON ROD
	MONUMENT
	GUARD RAIL SIGN
	BOULDER EDGE OF WATER BARBED WIRE FENCE CHAIN LINK FENCE RAIL FENCE STOCKADE FENCE WIRE FENCE STONE WALL TREE TREE LINE
	APPROX. SANITARY SEWER MAIN APPROX. SANITARY SEWER SERVICE LINE SANITARY SEWER MANHOLE
	APPROX. STORM DRAIN PIPE STORM DRAIN MANHOLE CURB INLET CATCH BASIN
	CONTOUR SPOT ELEVATION
	WETLANDS LINE

MAP REFERENCES:

- MAP SHOWING PROPOSED DIVISION OF LAND OF VICTORY HIGHWAY IN THE TOWN OF COVENTRY, RHODE ISLAND OWNED BY WILLIS & SHIRLEY DOROTHY SCALE: 1" = 100' DATE: SEPTEMBER 8, 1996 PREPARED BY THE COVENTRY SURVEY COMPANY, INC.
- BOUNDARY SURVEY OF ASSESSOR'S PLAT 304 LOT 271, VICTORY HIGHWAY COVENTRY RHODE ISLAND PREPARED FOR FRANK DOROTHY SCALE: 1" = 100' DATE: MARCH 9, 2020 SHEET 1 OF 1 PREPARED BY SCITUATE SURVEYS, INC.
- BATON REVOCABLE TRUST A.P. 20 LOT 10-1 22 VICTORY HIGHWAY WEST GREENWICH, RHODE ISLAND GO WEST GREENWICH VICTORY 1, LLC GREEN DEVELOPMENT ALTA/ACSM LAND TITLE SURVEY SHEET 1 OF 2 DATE: SEPTEMBER 2019 SCALE 1" = 100' PREPARED BY NATIONAL SURVEYORS-DEVELOPERS INC.
- FINAL PLAN SUBDIVISION BATON WOODS EXISTING SITE PLAN DATE: MARCH 2008 SCALE: 1"=100' SHEET 2 OF 8 PREPARED BY OCEAN STATE PLANNERS, INC.
- CONCEPTUAL SITE PLAN HIDDEN VALLEY LOCATION VICTORY HIGHWAY (ROUTE 102) COVENTRY, RHODE ISLAND PREPARED FOR: UNIVERSAL REALTY, LLC SCALE: 1" = 150' DATE: JAN 18 2001 PREPARED BY MARTINIQUE DESIGNS.
- FOSTER-COVENTRY WEST GREENWICH-EXETER VICTORY HIGHWAY PLAINFIELD PIKE TO NOOSENECK HILL ROAD, 43 SHEETS NO. 24 & 25 SCALE 40 FEET PER INCH PLAT NO. 187, RHODE ISLAND DEPARTMENT OF TRANSPORTATION.

NOTES:

- PROPERTY IS IN THE RR5 (RURAL RESIDENTIAL - 5 ACRES) ZONE.
- PARCEL #0304-027.001 CONTAINS 1,432,332.7 SQUARE FEET OR 33.340 ACRES.
- PARCEL #0304-028.000 CONTAINS 3,611,654.2 SQUARE FEET OR 82.912 ACRES.
- PARCEL #0304-026.000 CONTAINS 44,848 SQUARE FEET OR 1.029 ACRES.
- HORIZONTAL DATUM IS BASED ON NAD83. VERTICAL DATUM IS BASED ON NAVD88.
- PARCEL 0304-027.001 IS SUBJECT TO A R.O.W. IN FAVOR OF PARCEL 0304-028.000 ALONG EXISTING PATH, SEE BOOK 206 PG. 309.
- PROPERTY DOES NOT FALL WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD ZONE AS DEPICTED ON: FIRM FLOOD INSURANCE RATE MAP NUMBER 440030000H TOWN OF COVENTRY RHODE ISLAND KENT COUNTY PANEL 90 OF 251 COMMUNITY NUMBER 440004 EFFECTIVE DATE: APRIL 3, 2020 AS DEPICTED ON FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION AND AS DEPICTED ON: FIRM FLOOD INSURANCE RATE MAP NUMBER 4400300006 TOWN OF COVENTRY RHODE ISLAND KENT COUNTY PANEL 95 OF 251 COMMUNITY NUMBER 440004 EFFECTIVE DATE: DECEMBER 3, 2010 AS DEPICTED ON FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION.
- NO RECENT EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED DURING THE PROCESS OF CONDUCTING FIELD WORK.
- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO DESIGN PROFESSIONALS, INC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" FOR UNDERGROUND UTILITY MARKING AT LEAST TWO FULL WORKING DAYS PRIOR TO START OF CONSTRUCTION: 1-800-922-4455 OR WWW.CBYD.COM.



CERTIFICATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NPS, AND INCLUDES ITEMS 2, 3, 4, 6a, 6b, 7b(1), 7c, 8, 11a, 13, 14, 15, 16, 17, 18, 19, & 20. THE FIELD WORK WAS COMPLETED ON 12/30/22.

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

a. COMPREHENSIVE BOUNDARY SURVEY CLASS 1
TOPOGRAPHIC SURVEY ACCURACY CLASS 1-2

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS:
THE PURPOSE OF THE SURVEY IS TO DEPICT THE EXISTING PROPERTY LINES RELATIVE TO EXISTING IMPROVEMENTS ON AND IMMEDIATELY ADJACENT TO THE PROPERTY.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Lawrence R. Geissler, Jr.
LAWRENCE R. GEISLER, JR., L.S.

1905
LIC. NO. DATE: 4/3/2023

design professionals
CIVIL & LANDSCAPE ARCHITECTS

PREPARED FOR:
TRC Companies, Inc.
404 Wyman Street,
Suite 375
Waltham, MA 02451

PROJECT NO:
4372

DATE:
3-06-23

DRAWN BY:
MHA

CHECKED BY:
MHA

DESIGNED BY:
MHA

SCALE:
1" = 40'

SHEET
V-5

PROPERTY & TOPOGRAPHIC SURVEY

REVISIONS

NO. DATE BY

1 3-9-23 MHA

SHOW TO EASEMENT AND PARCEL 0304-026.000

2446 VICTORY HIGHWAY
COVENTRY, RHODE ISLAND

21 JEFFREY DRIVE
SOUTH WINDSOR, CT 06074
860-291-8755 - F
860-291-8757 - T
www.designprofessionals.com

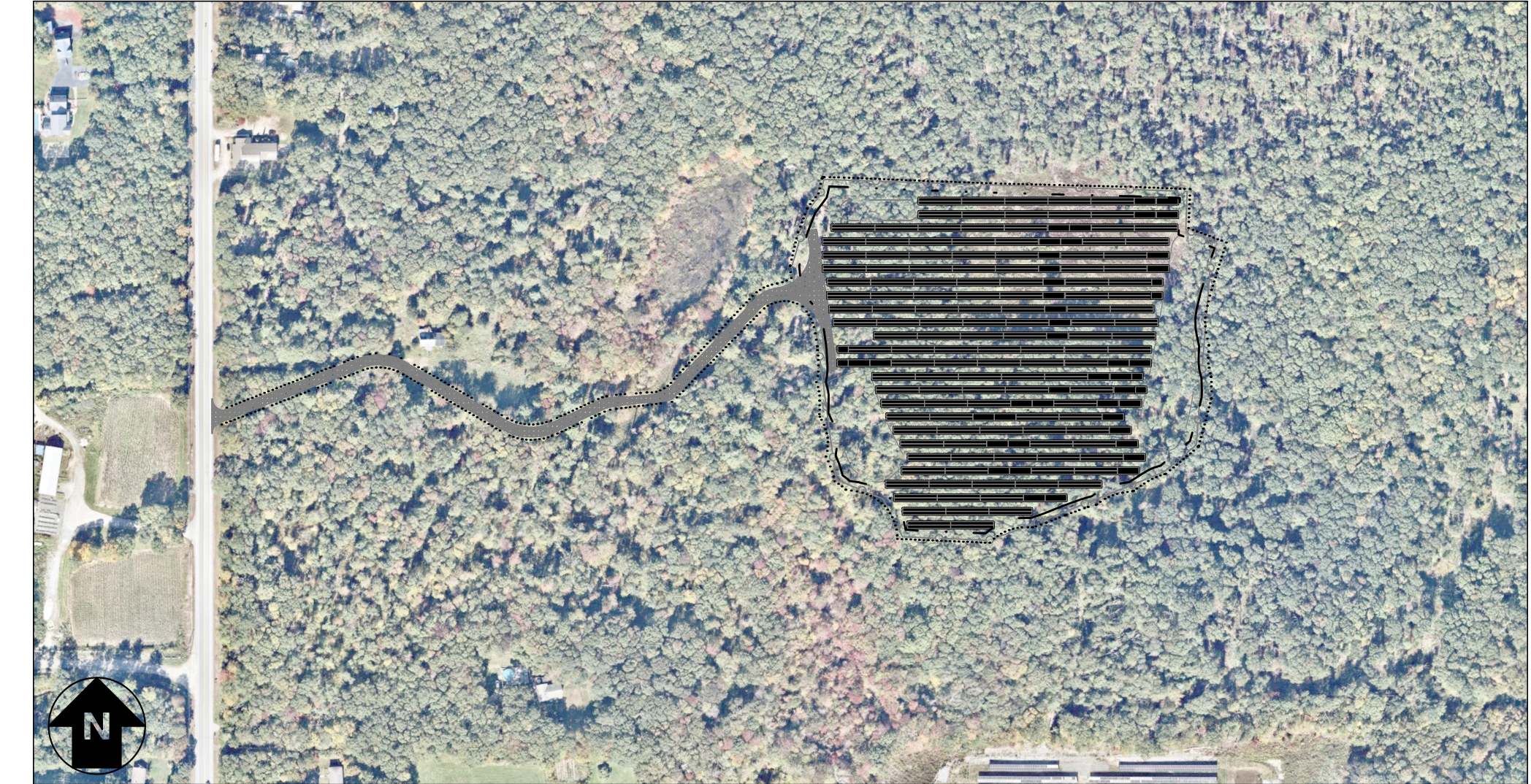
RULER IN INCHES: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

SOLAR GROUND MOUNT SYSTEM AT COVENTRY — MOO COW

2473 VICTORY HIGHWAY, COVENTRY, RI 02816
41.661673, -71.688727



LOCATION MAP
SCALE: 1" = 1500'-0"



SYSTEM PLAN
SCALE: 1" = 300'-0"

TOTAL SYSTEM SUMMARY:

TOTAL DC SYSTEM SIZE: 4,366.440 kWDC
 TOTAL AC SYSTEM SIZE: 3,500.000 kWAC

MODULE MANUFACTURER: HANHWA
 (QTY) MODULE TYPE 1: (2,112) Q.PEAK DUO XL-G11 585W
 (QTY) MODULE TYPE 2: (5,352) Q.PEAK DUO XL-G11S 585W

MODULE TILT: 30°
 MODULE AZIMUTH: 180°

INVERTER MANUFACTURER: CPS
 (QTY) INVERTER TYPE: (28) SCH125KTL-US 125KW

SCOPE OF WORK SUMMARY

- GROUND MOUNT PV ARRAY:**
- INSTALL SOLAR MODULES AND RACKING SYSTEM ON GROUND LEVEL.
 - INSTALL INVERTERS AND ELECTRICAL DISTRIBUTION EQUIPMENT.
 - INTERCONNECT AT NEW UTILITY SERVICE

DEVELOPER:



100 PARK AVENUE 24TH FLOOR
NEW YORK, NY 10016

ENGINEERED BY:



111 RIVER STREET, SUITE 1110
HOBOKEN, NEW JERSEY 07030

DRAWING INDEX

GENERAL	CONCEPTUAL DESIGN	CONCEPTUAL DESIGN (REV 1)	PERMIT SET 90%
G001 TITLE SHEET	●	●	●
ELECTRICAL			
E001 ELECTRICAL NOTES & SYMBOLS LIST			●
E100 OVERALL ELECTRICAL PLAN	●	●	●
E110 ELECTRICAL PLAN - EQUIPMENT AREA			●
E200 DC ELECTRICAL PLAN			●
E201 STRING WIRING DETAILS			●
E300 ONE LINE DIAGRAM - SYSTEM A	●	●	●
E301 ONE LINE DIAGRAM - SYSTEM B	●	●	●
E310 SCHEDULES & CALCULATIONS			●
E311 SCHEDULES & CALCULATIONS			●
E410 GROUNDING DETAILS			●
E411 FENCE GROUNDING DETAILS			●
E420 ELECTRICAL DETAILS			●
E500 LABELS & SIGNAGE			●
E600 EQUIPMENT DATA SHEETS			●
STRUCTURAL			
S100 STRUCTURAL PAD DETAILS			
S200 STRUCTURAL RACK DETAILS			

LEGEND:

UPDATED DRAWING ISSUED	●
UNCHANGED, PREVIOUSLY ISSUED DRAWING STILL CURRENT	○
DRAWING REMOVED FROM SET	×

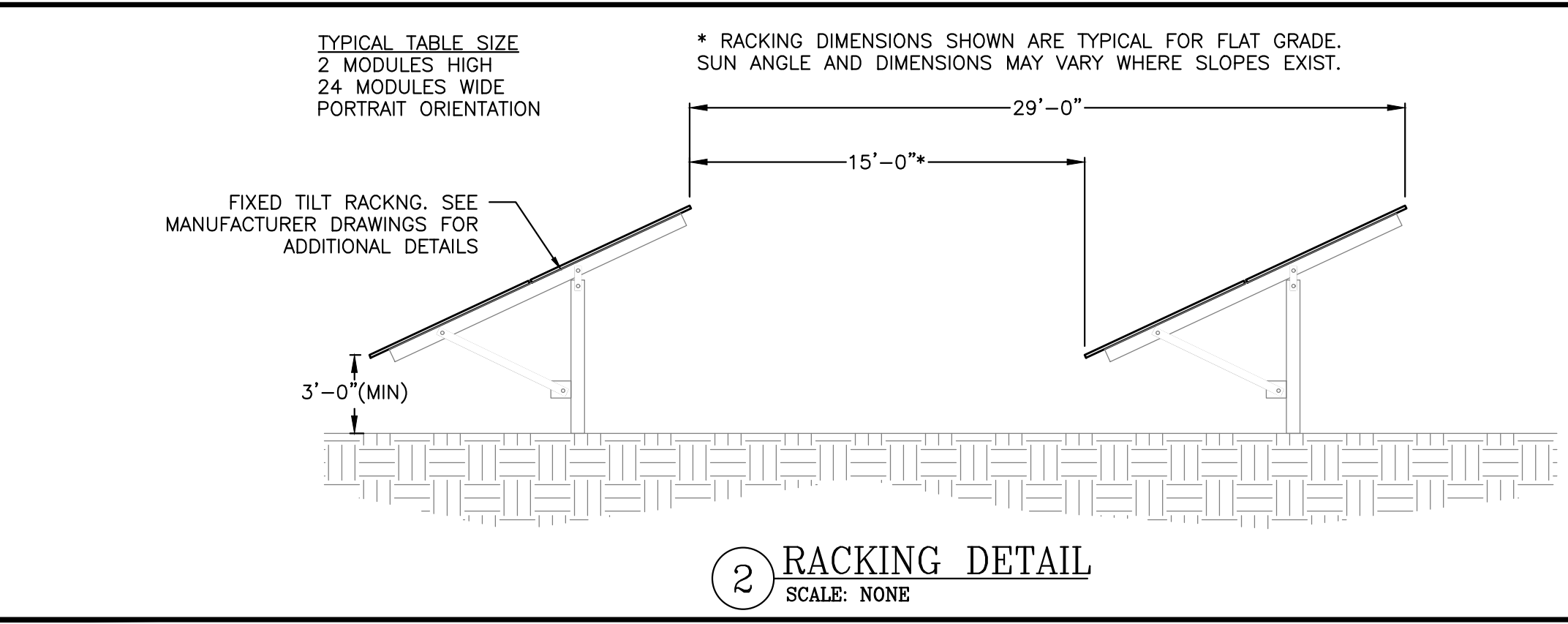
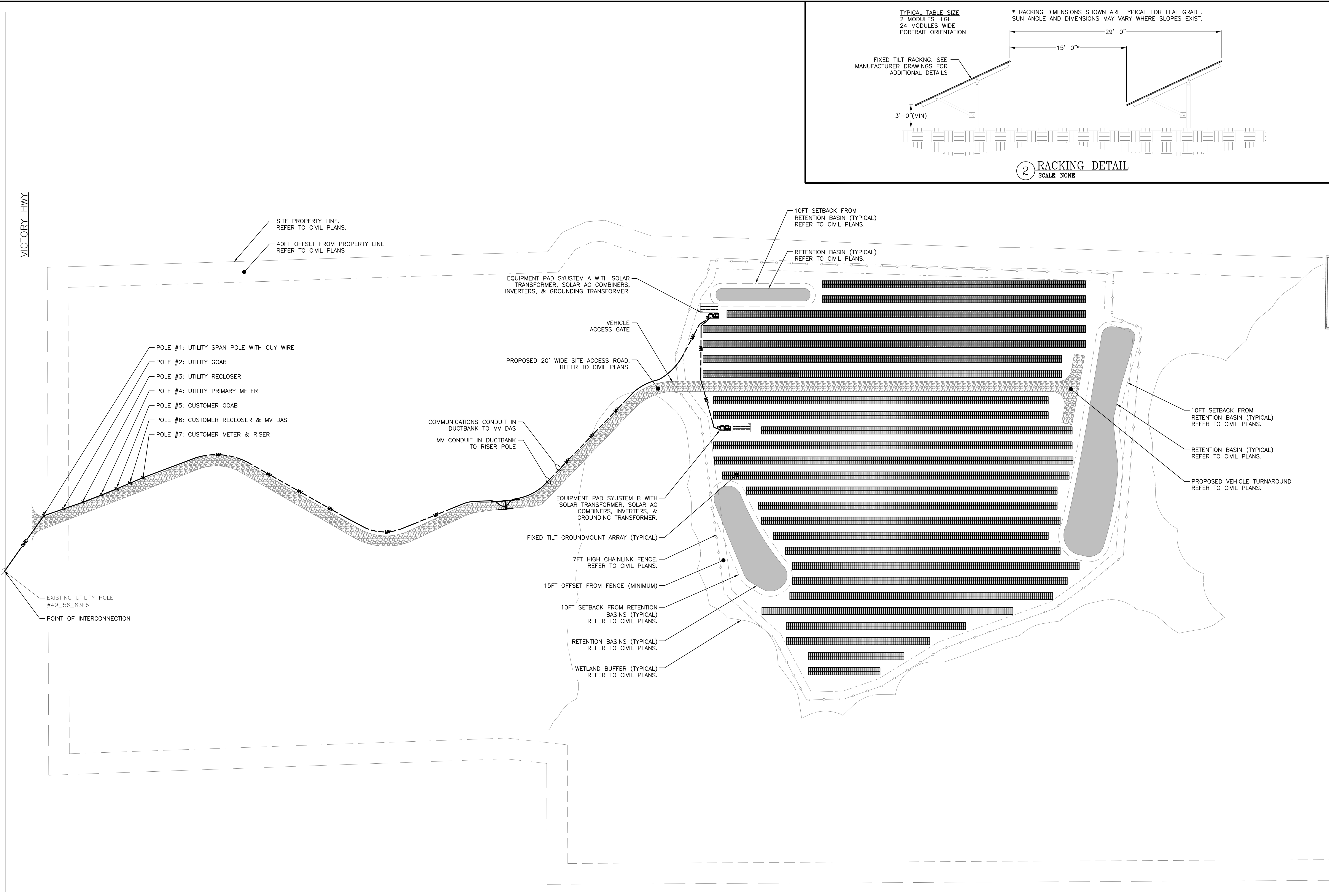
CONCEPTUAL DESIGN	10/20/2023
CONCEPTUAL DESIGN (REV 1)	12/01/2023
PERMIT SET 90%	01/31/2024

DRAWING TITLE	TITLE SHEET
DRAWING #	G001

PROJECT: SOLAR GROUND MOUNT SYSTEM MOO COW
 2473 VICTORY HIGHWAY, COVENTRY, RI 02816
 DC SYSTEM SIZE: 4,366.44 kW
 AC SYSTEM SIZE: 3,500.00 kW
 MODULE TYPE: HANHWA Q.PEAK 585W
 MODULE QUANTITY: 7464
 ORIENTATION: 30° TILT, 180° AZIMUTH
 DEVELOPER: edp Renewables
 PROJECT # 04759.02
 ENGINEER: RICHARD A. IVINS, REGISTERED PROFESSIONAL ELECTRICAL ENGINEER
 LICENSE No. 10105
 PUREPOWER ENGINEERING
 111 RIVER STREET, HOBOKEN, NJ
 WWW.PUREPOWER.COM
 RICHARD A. IVINS
 RI LICENSE No. 10105
 REVISIONS:
 10/17/2023 LAYOUT REVISION SK MAB RI
 10/20/2023 CONCEPTUAL DESIGN SK MAB RI
 12/01/2023 CONCEPTUAL DESIGN (REV 1) SK MAB RI
 01/31/2024 PERMIT SET 90% SK MAB RI

RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

PLOT DATE: 4/16/2024, 1:23 PM



MODULE LEGEND

	HANWHA Q.PEAK DUO XL-G11.3 585W
	HANWHA Q.PEAK DUO XL-G11S.3 585W

1 ELECTRICAL PLAN
SCALE: 1" = 80'



DRAWING TITLE
ELECTRICAL PLAN

<p>EDP RENEWABLES 100 PARK AVENUE, 24TH FLOOR NEW YORK, NY 10017 WWW.EDP-R.COM</p>	<p>PUREPOWER ELECTRICAL 111 RIVER STREET, FREDERICK, IN WWW.PUREPOWER.COM RICHARD A. IVINS RI LICENSE No. 10105</p>	<p>REVISION DESCRIPTION DATE 02/28/2024 PERMIT SET 90% 12/07/2023 CONCEPTUAL DESIGN (REV. 1) 10/20/2023 CONCEPTUAL DESIGN 10/17/2023 LAYOUT REVISION</p>	<p>PM ENG CHK SK MAB RI SK MAB RI SK MAB RI SK MAB RI</p>
<p>PROJECT SOLAR GROUND MOUNT SYSTEM MOO COW 2473 VICTORY HIGHWAY, COVENTRY, RI 02816</p>	<p>DC SYSTEM SIZE: 4,366.44 kW AC SYSTEM SIZE: 3,500.00 kW MODULE TYPE: HANWHA Q.PEAK 585W MODULE QUANTITY: 7464 ORIENTATION: 30° TILT, 180° AZIMUTH</p>	<p>DEVELOPER edp Renewables</p>	<p>PAGE SIZE 3.6" x 24"</p> <p>PROJECT # 04759.02</p>
DRAWING #		E100	

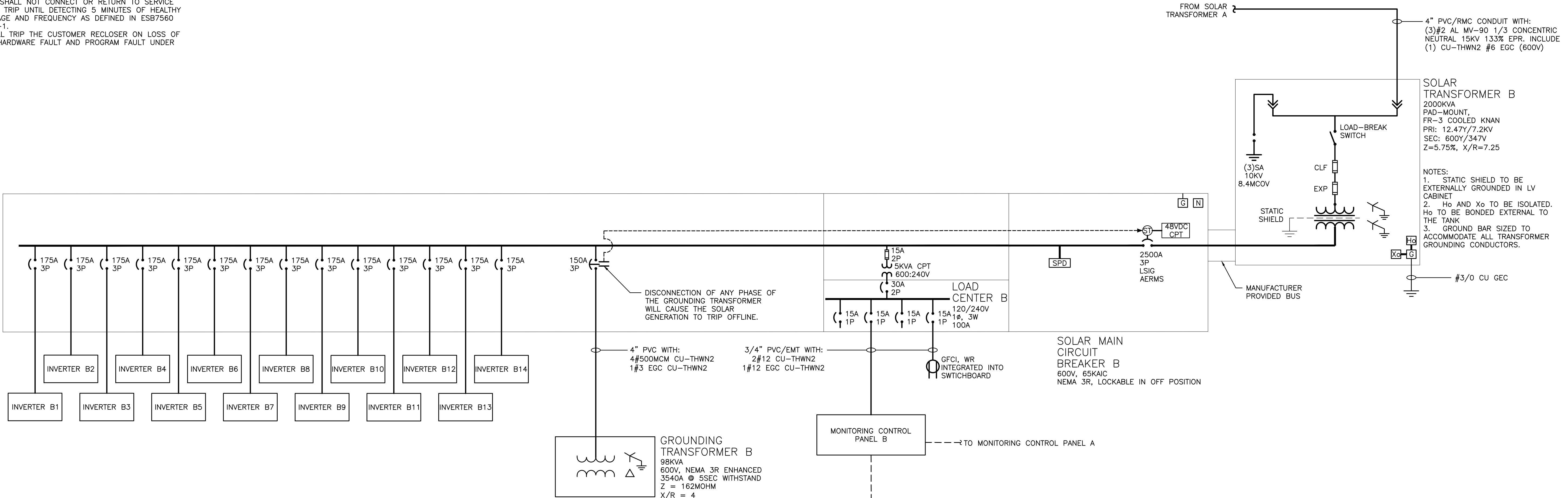
RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

SEL-651R							
ANSI ELEMENT #	Pickup	Real	Level	Delay (sec)*	Total Clear Time (sec)	Curve	Description
27	1.26V	6335.6V	88.0%	1.95	2.00		Slow UV
27	0.71V	3599.7V	50.0%	1.05	1.10		Fast UV
59	1.58V	7919.5V	110.0%	1.95	2.00		Slow OV
59	1.72V	8639.4V	120.0%	0.11	0.16		Fast OV
81U-1	56.50	56.5Hz	94.3%	0.11	0.16		Fast UF
81U-2	58.50	58.5Hz	97.5%	299.95	300.00		Slow UF
81O-1	62.00	62Hz	103.4%	0.11	0.16		Fast OF
81O-2	61.20	61.2Hz	102.0%	299.95	300.00		Slow OF
51	2.87A	324.4A	200.0%			U1,TD=2	Time Phase OC
51G	0.42A	42A	25.9%			U1,TD=1.1	Timed Ground Overcurrent
79	1.36V	6839.5V	95.0%	300.00	300.05		Minimum Voltage Value
79	1.51V	7559.5V	105.0%	300.00	300.05		Maximum Voltage Value
79	59.50	59.5Hz	99.2%	300.00	300.05		Minimum Frequency Value
79	60.50	60.5Hz	100.8%	300.00	300.05		Maximum Frequency Value
74				1.90			Relay Alarm
162.23A USED FOR 50/51 ELEMENTS				7199.5V USED FOR 27/59 ELEMENTS			
CT RATIO FACTOR = 100				LEA RATIO FACTOR = 5000			

INVERTER UL1741-SA Compliant							
ANSI ELEMENT #	Pickup	Real	Level		Total Clear Time (sec)	Curve	Description
27	305.36	305.36V	88.0%		2.00		Slow UV
27	173.50	173.5V	50.0%		1.10		Fast UV
59	381.70	381.7V	110.0%		2.00		Slow OV
59	416.40	416.4V	120.0%		0.16		Fast OV
81U-1	56.50	56.5Hz	94.3%		0.16		Fast UF
81U-2	58.50	58.5Hz	97.5%		300.00		Slow UF
81O-1	62.00	62Hz	103.4%		0.16		Fast OF
81O-2	61.20	61.2Hz	102.0%		300.00		Slow OF
79	329.65V	329.6V	95.0%	300.00	300.05		Minimum Voltage Value
79	364.35V	364.3V	105.0%	300.00	300.05		Maximum Voltage Value
79	59.50	59.5Hz	99.2%	300.00	300.05		Minimum Frequency Value
79	60.50	60.5Hz	100.8%	300.00	300.05		Maximum Frequency Value
PF Set Point		1.00					Power Factor Control
Var Control		OFF					Reactive Power Control
Ramp Rate		2%/1 sec					dI/dt
Freq Control		OFF					Speed Control
Factory Settings (Voltage is measured between phase & neutral)							

- NOTE:
- DER MUST CHECK FOR HEALTHY VOLTAGE AND FREQUENCY FOR 5 MINUTES BEFORE INTERCONNECTING PER IEEE 1547.
 - THE DER SHALL NOT CONNECT OR RETURN TO SERVICE FOLLOWING A TRIP UNTIL DETECTING 5 MINUTES OF HEALTHY UTILITY VOLTAGE AND FREQUENCY AS DEFINED IN ESB7560 TABLE 7.8.3-1.
 - RELAY WILL TRIP THE CUSTOMER RECLOSE ON LOSS OF DC POWER, HARDWARE FAULT AND PROGRAM FAULT UNDER 2 SECONDS.

SOLAR AC SWITCHBOARD B
600Y/347V, 3Ø, 4W
2500A, 65KAIC
NEMA 3R



SYSTEM SUMMARY - SYSTEM B	
DC SYSTEM SIZE	2,204.280 KW
AC SYSTEM SIZE	1,750.000 KW
(QTY) MODULE TYPE	(3768) Q.PEAK DUO XL-G11S.3 585W
INVERTER	CPS SCH125KTL-US
INVERTER QTY	14
UTILITY	NATIONAL GRID - RI

1 ONE LINE DIAGRAM - SYSTEM B
SCALE: NONE

- DRAWING NOTES:
- CONTRACTOR SHALL FIELD-VERIFY INTERCONNECTION MEANS/METHODS PRIOR TO INSTALLATION. COORDINATED SHUTDOWN MAY BE REQUIRED.
 - ALL GROUND BARS AND LUGS SHALL BE DUAL RATED AL/CU.
 - UNLESS OTHERWISE NOTED EQUIPMENT IS PERMITTED TO BE 80% OR 100% RATED.
 - PVC SCH80 REQUIRED WHERE PVC IS SPECIFIED. PVC SCH40 IS PERMITTED FOR UNDERGROUND STRAIGHT RUNS ONLY.
 - SET NEW ELECTRONIC-TRIP BREAKERS TO THE SETTINGS BELOW, UNLESS OTHERWISE NOTED IN POWER STUDY. "NOMINAL TRIP" REFERS TO BREAKER TRIP RATING INDICATED ON ONLINE. SETTINGS BELOW ARE NOT FOR COORDINATION PURPOSES.
 - L = 100% OF NOMINAL TRIP (EXACT) MINIMUM TIME DELAY
 - S = 125% OF NOMINAL TRIP (OR NEXT HIGHER) MINIMUM TIME DELAY
 - I = MINIMUM VALUE GREATER THAN NOMINAL TRIP
 - G = 20% OF NOMINAL TRIP (OR NEXT HIGHER) 0.5 SEC TIME DELAY

PROJECT: SOLAR GROUND MOUNT SYSTEM
 MOO COW
 2473 VICTORY HIGHWAY,
 COVENTRY, RI 02816
 DEVELOPER: EDP RENEWABLES
 100 PARK AVENUE, 24TH FLOOR
 NEW YORK, NY 10017
 WWW.EDP-RI.COM
 REGISTERED PROFESSIONAL ENGINEER
 RICHARD A. IVINS
 RI LICENSE No. 10105
 ENGINEER
 No. 10105
 RICHARD A. IVINS
 111 RIVER STREET, FREDERICK, MD
 WWW.PUREPOWER.COM
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