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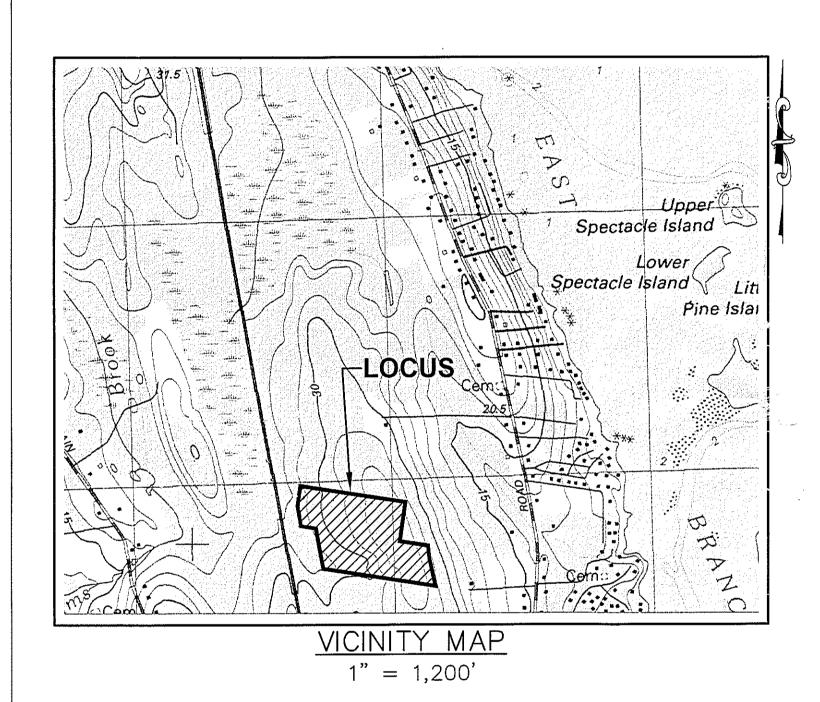
# SITE DEVELOPMENT PLANS FOR SOULES WAY SOLAR PROJECT

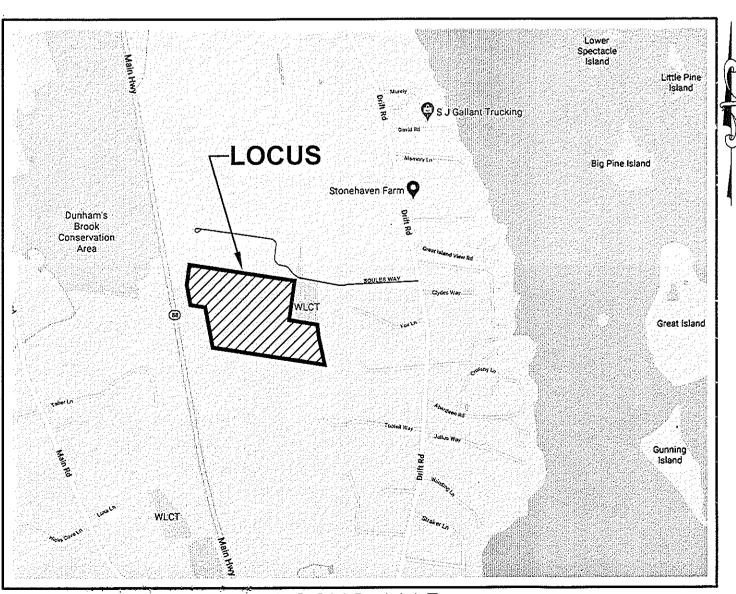
LOCATED AT 0 SOULES WAY

WESTPORT, MASSACHUSETTS 02790

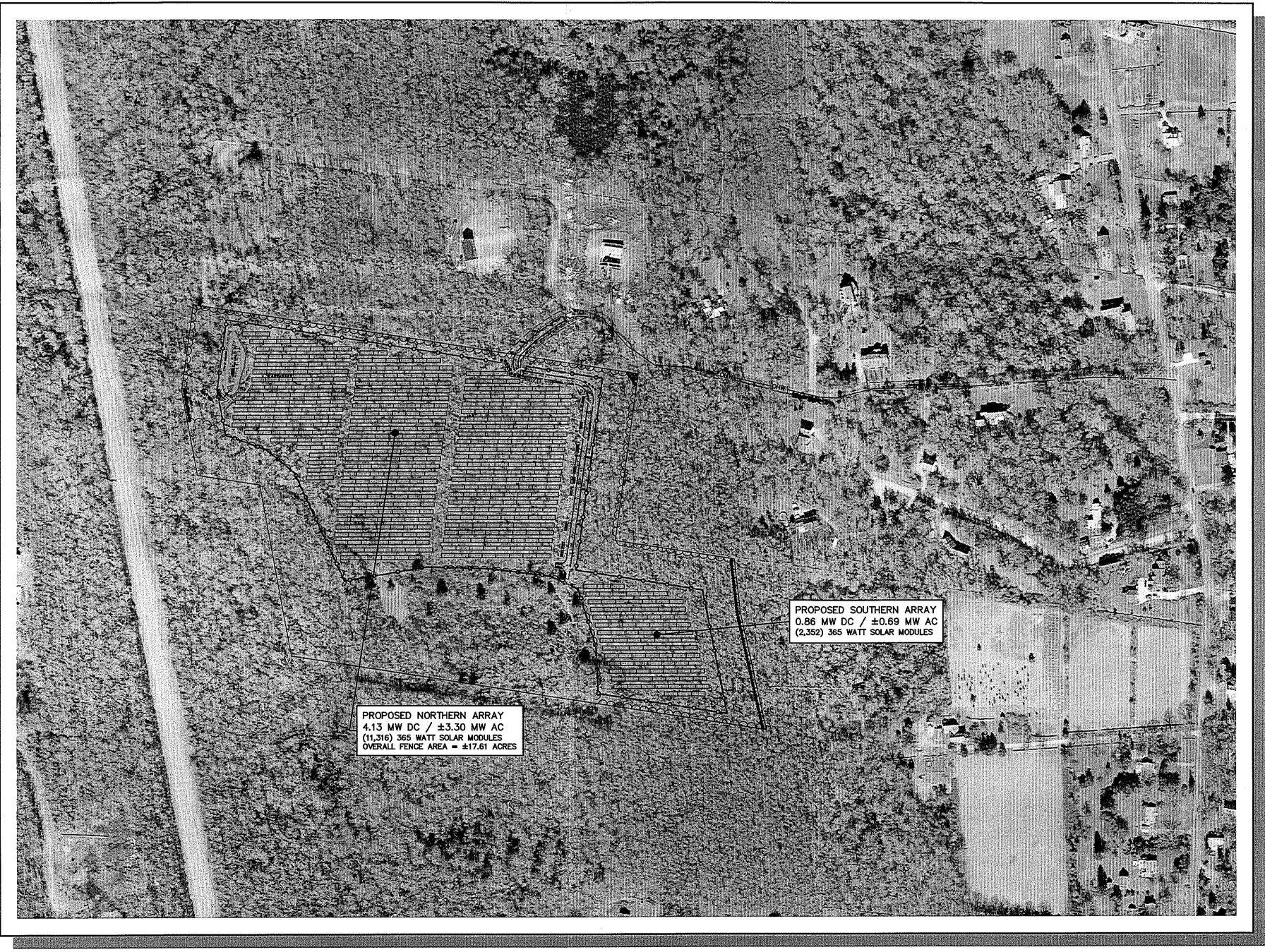
DATE: JULY 9, 2020

REVISED: AUGUST 25, 2020 - PER TOWN COMMENTS REVISED: SEPTEMBER 8, 2020 - PER TOWN COMMENTS REVISED: OCTOBER 21, 2020 - ADDED LANDSCAPE SCREENING





LOCUS MAP 1" = 1,200'



INDEX OF PLANS		
SHEET NO.	TITLE	SCALE
1	COVER SHEET	1" = 150'
2	OVERALL EXISTING CONDITIONS PLAN	1" = 100'
3	OVERALL SITE DEVELOPMENT PLAN	1" = 100'
4	SITE DEVELOPMENT PLAN	1" = 40'
5	SITE DEVELOPMENT PLAN	1" = 40'
6	DETAIL PLAN	N.T.S.

# **OWNER:**

PERRY, DANIEL C. 388 COUNTRY STREET 2ND FL NEW BEDFORD, MA 02740

# **APPLICANT:**

CVE NORTH AMERICA 109 W. 27TH STREET, 8TH FLOOR NEW YORK, NY 10001

# **ENGINEER:**



P.O. Box 1051, Sandwich, MA 02563
PHONE NUMBER: (508) 888-9282

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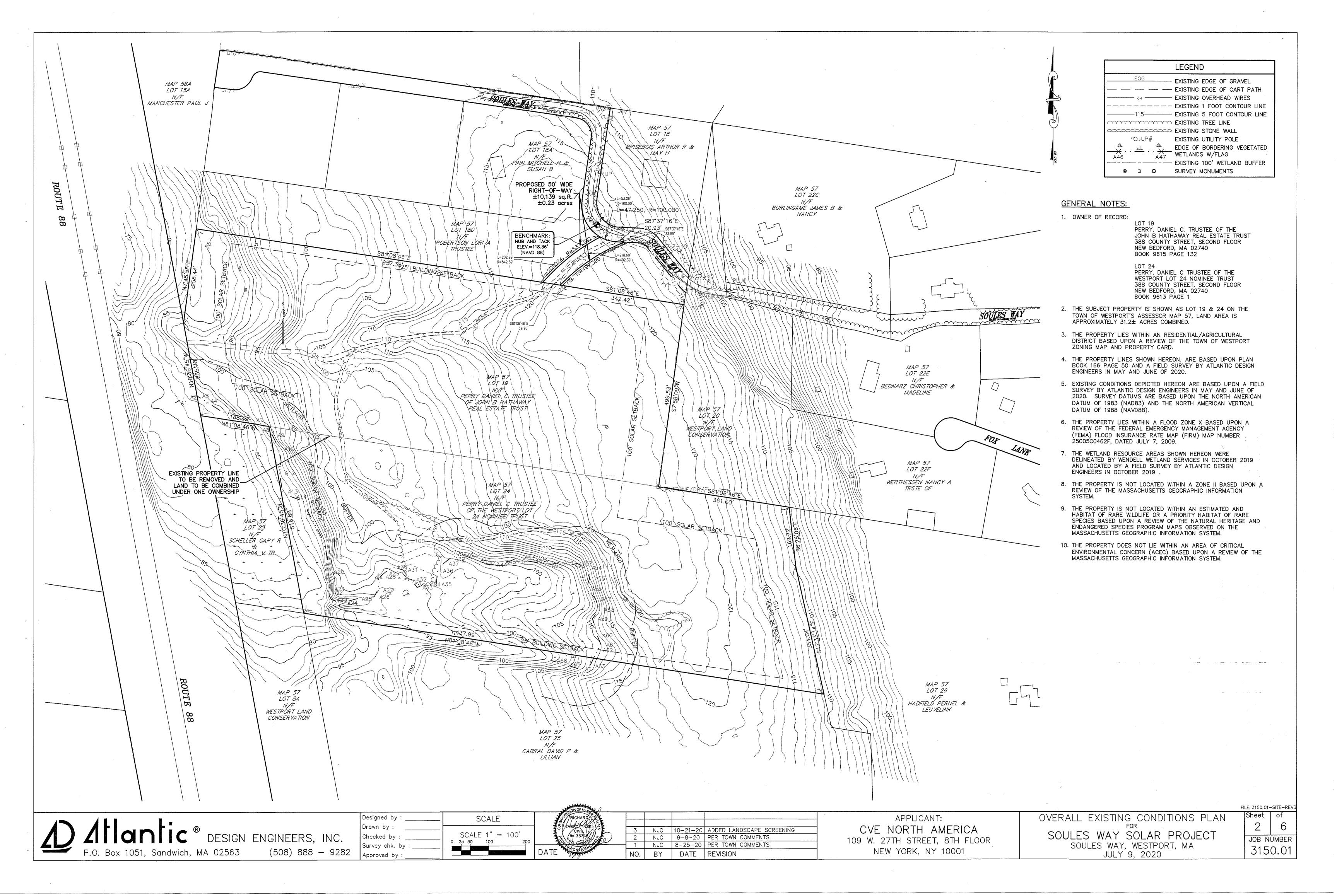
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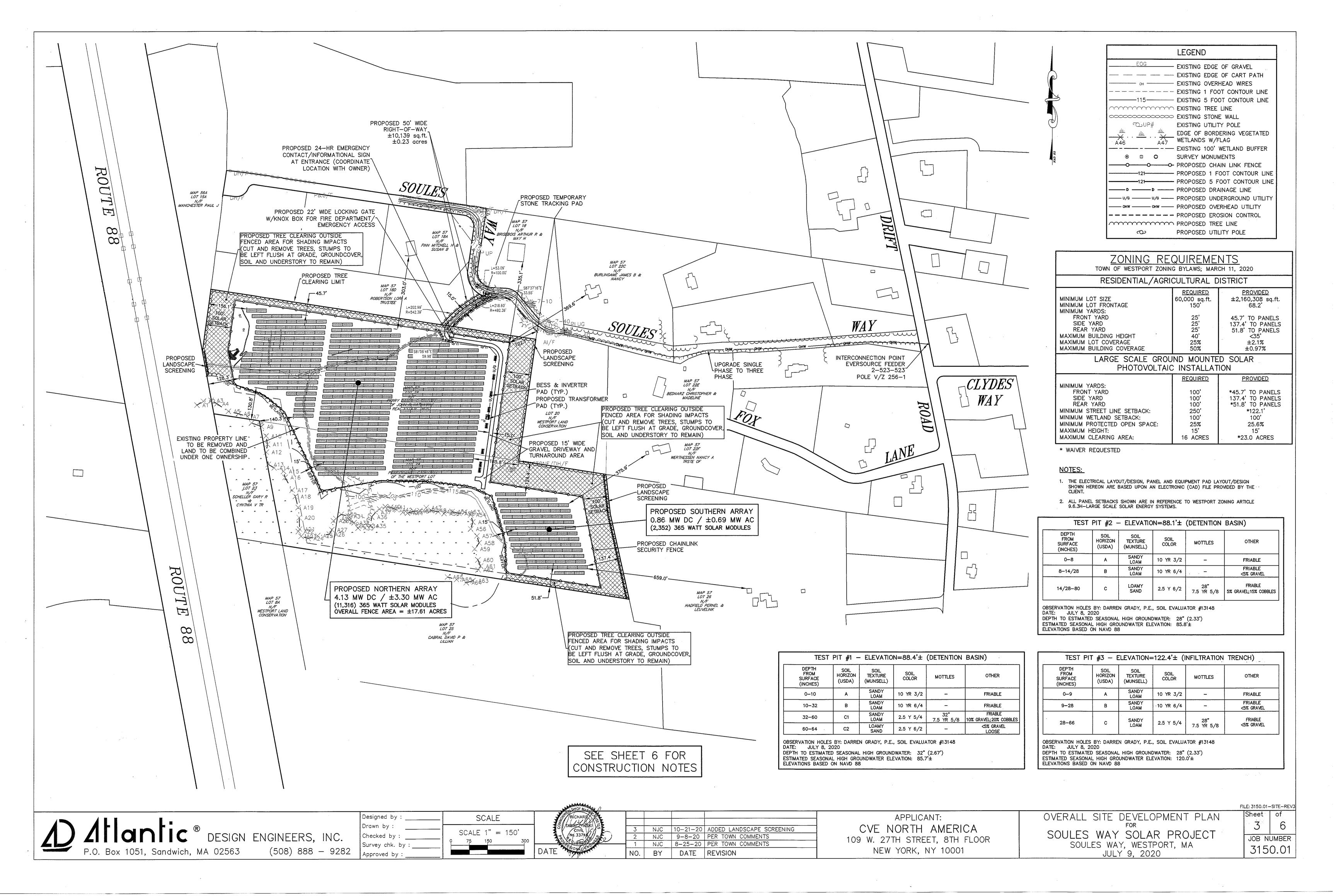
WESTPORT
PLANNING BOARD

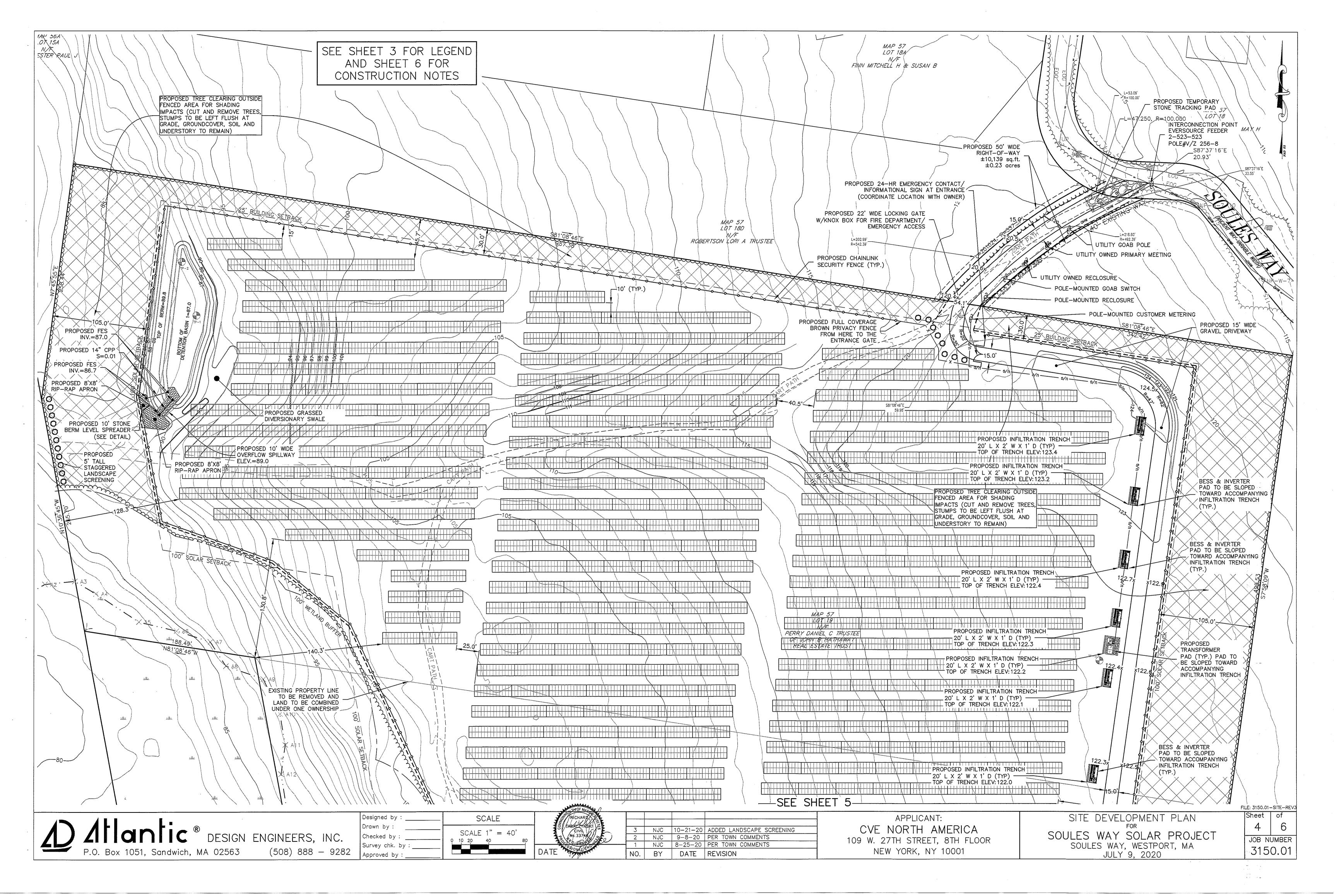


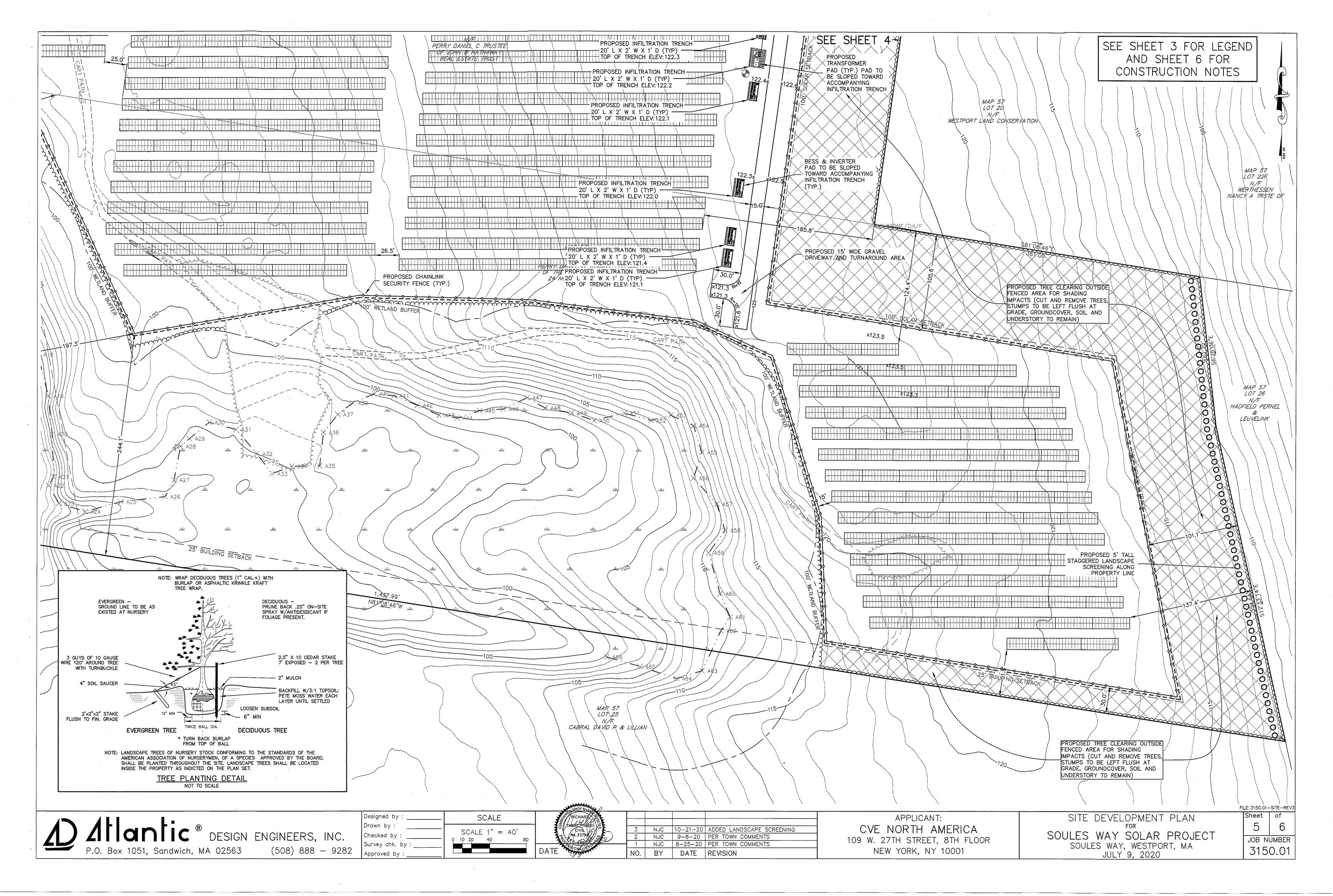
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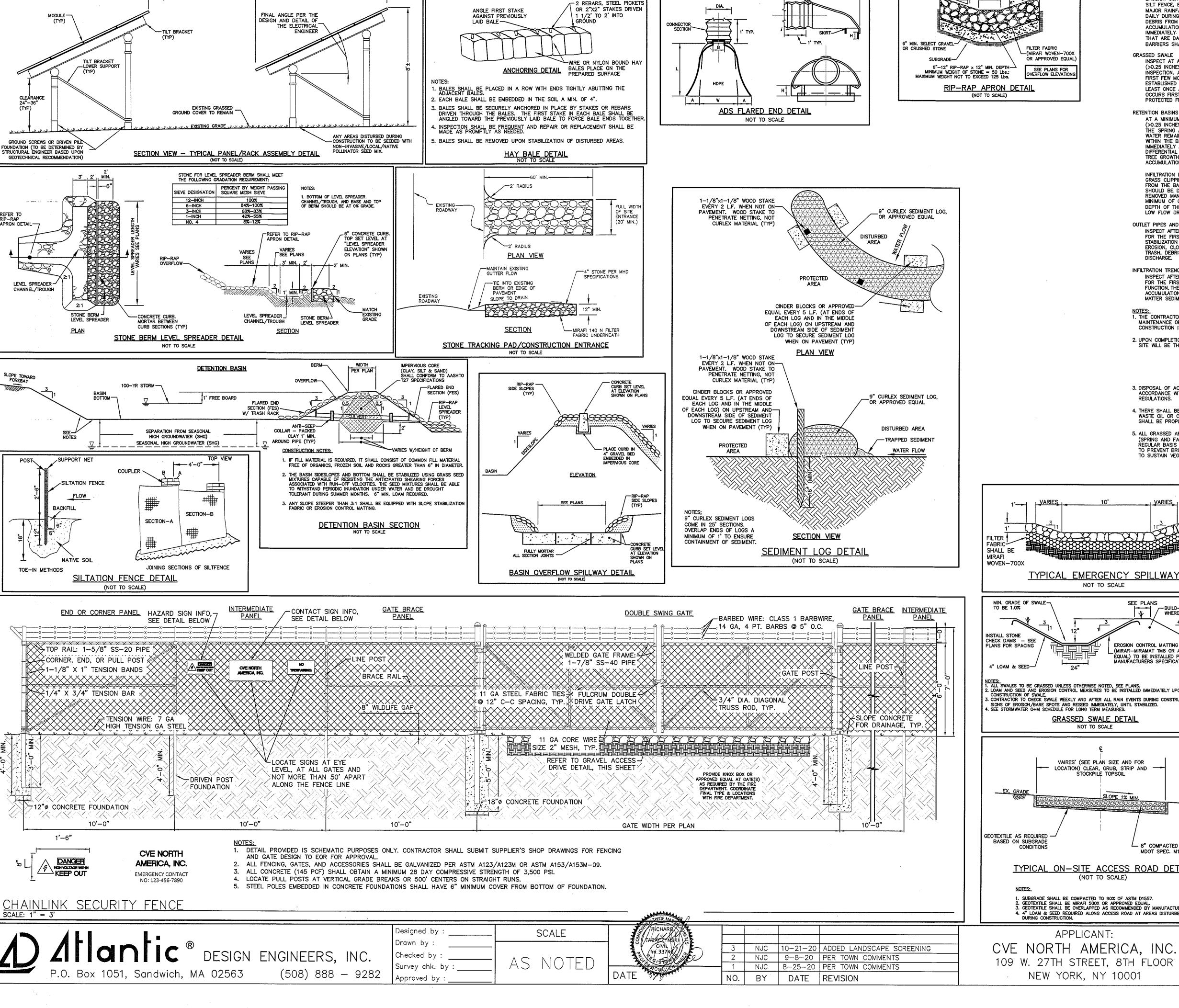
OVERALL LOCATION PLAN
SCALE: 1" = 200'





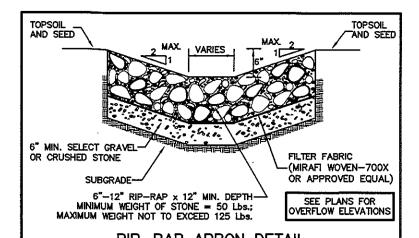






FLOW DIRECTION

**EMBEDDING DETAIL** 



NOTE: CONSULT MANUFACTURER FOR PIPE DIAMETER SIZES

 12
 6.5
 10
 6.5
 25
 29

 15
 8.5
 10
 6.5
 25
 29

EROSION CONTROL BARRIERS: EROSION CONTROL BARRIERS (HAY BALES, SEDIMENT LOG, STRAW WATTLES,

DAILY DURING PROLONGED RAINFALL REMOVE BUILT UP SEDIMENT AND DEBRIS FROM EROSION BARRIERS/SEDIMENT LOGS AND "SILT SOCKS" WHEN ACCUMULATION HAS REACHED 50% OF THE STRUCTURE HEIGHT AND IMMEDIATELY: REPLACE ANY EROSION AND SEDIMENT CONTROL STRUCTURES THAT ARE DAMAGED. (ADDITIONAL EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE STORED ONSITE).

INSPECTION. ADDITIONAL INSPECTIONS SHOULD BE SCHEDULED DURING THE FIRST FEW MONTHS TO ENSURE THAT THE VEGETATION IN THE CHANNELS I LEAST ONCE A YEAR OR BEFORE IT EXCEEDS 0.5' IN DEPTH, WHICHEVER OCCURS FIRST. SEDIMENT SHALL BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURAL OR VEGETATIVE MEANS.

RETENTION BASINS (INCLUDING SPILLWAYS) AT A MINIMUM SHALL BE INSPECTED AFTER EVERY MAJOR STORM EVENT (>0.25 INCHES PER 2017 CGP) FOR THE FIRST SIX (6) MONTHS, THEN IN THE SPRING AND FALL OF EVERY YEAR, THEREAFTER. NOTE HOW LONG WATER REMAINS STANDING IN BASIN AFTER A STORM; STANDING WATER WITHIN THE BASIN >72 HOURS AFTER STORM EVENTS SHOULD BE IMMEDIATELY ADDRESSED. ALSO, WITHIN THE BASIN, CHECK FOR SIGNS OF DIFFERENTIAL SETTLEMENT, CRACKING, EROSION, LEAKAGE IN EMBANKMENTS, TREE GROWTH IN EMBANKMENTS, CONDITION OF RIPRAP, SEDIMENT ACCUMULATION AND THE HEALTH OF THE TURF.

OUTLET PIPES AND FLARED END SECTIONS INSPECT AFTER EVERY MAJOR STORM EVENT (>0.25 INCHES PER 2017 CGP) FOR THE FIRST FEW MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND FUNCTION, THEREAFTER INSPECT TWICE A YEAR FOR EROSION, CLOGGING, SETTLING, AND EXCESSIVE ACCUMULATION OF LEAVES,

2. UPON COMPLETION OF CONSTRUCTION, THE OPERATION AND MAINTENANCE OF SITE WILL BE THE RESPONSIBILITY OF THE SYSTEM OWNER: CVE NORTH AMERICA, INC.

CONSTRUCTION PERIOD STORMWATER OPERATION AND MAINTENANCE:

CONSTRUCTION NOTES:

ENGINEERS IN MAY AND JUNE 2020.

1. THE PROPERTY LINES SHOWN HEREON, ARE BASED UPON PLAN BOOK BOOK 166 PAGE 50 AND A FIELD SURVEY BY ATLANTIC DESIGN

2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS SHOWN AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY BE FOUND IN

CONTRACTOR SHALL VERIFY ALL CRITICAL ELEVATIONS AND INVERTS PRIOR TO CONSTRUCTION.

4. WHERE AN EXISTING PUBLIC UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY BETERMINED AND THE INFORMATION FURNISHED TO

THE UTILITY COMPANY AND OWNER FOR RESOLUTION OF THE CONFLICT.

SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY. NO STATEMENT IS MADE

CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES THAT MAY AFFECT THE USE OR DEVELOPMENT

IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY DIGSAFE, THE TOWN OF WESTPORT DEPARTMENT OF PUBLIC WORKS, AND ALL UTILITY

FOR LOCATION OF ALL UNDERGROUND UTILITIES AND UTILITY COMPANY

ALL BUILDINGS, SURFACE, AND SUBSURFACE IMPROVEMENTS ON AREAS ADJACENT TO THE SITE ARE NOT NECESSARILY SHOWN HEREON.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL DETERMINE

THE EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK, AND

THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENTS OF ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES WITH THE UTILITY COMPANY, IF NECESSARY, IF ANY

INTERRUPTIONS IN SERVICE ARE NECESSARY TO ABUTTING PROPERTY

10. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND MASSACHUSETTS HIGHWAY DEPARTMENT REQUIREMENTS FOR ALL

AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE

ANNOUNCED BUILDING POSSESSION, AND THE FINAL CONNECTION OF

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SURVEY

CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE PROPOSED

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED.

15. THE CONTRACTOR SHALL INSTITUTE AND MAINTAIN ALL SAFETY MEASURES NECESSARY TO PROTECT THE PUBLIC DURING CONSTRUCTION, INCLUDING,

16. THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM THE ACCUMULATION OF WASTE MATERIAL AND OTHER DEBRIS RESULTING FROM

THE WORK. AT THE END OF CONSTRUCTION THE CONTRACTOR SHALL

AND ALL DISCARDED MATERIALS, BLOWN OR WATER CARRIED DEBRIS,

18. ACCESS ROAD AND TRACKING PAD TO BE KEPT CLEAR OF DEBRIS AFTER THE COMPLETION OF EACH WORK DAY.

PROPOSED PANELS, FENCING, EQUIPMENT PAD AND ELECTRICAL LAYOUT IS BASED UPON AN ELECTRONIC (CAD) FILE PROVIDED BY THE CLIENT DATED

MAY 11, 2020. REFER TO ELECTRICAL AND STRUCTURAL PLANS BY

YEAR (SPRING AND FALL) TO REDUCE WEED GROWTH, INSPECT GRASSED AREAS ON A REGULAR BASIS TO EVALUATE THE NEED FOR ADDITIONAL PERIODS OF MOWING TO PREVENT BRUSH FIRES. IF AREAS BECOME BARE,

1. PRIOR TO COMMENCING SITE WORK OR EARTHWORK OPERATIONS, INSTALL EROSION CONTROL BARRIERS AND MAINTAIN THROUGHOUT CONSTRUCTION

2. ONCE EROSION CONTROL BARRIERS HAVE BEEN INSTALLED, CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE TOWN OF WESTPORT ENGINEERING DIVISION FOR PRE—INSPECTION PRIOR TO THE START OF

4. ALL MATERIALS AND STOCKPILES SHALL BE STORED ON LEVEL AREAS OUTSIDE OF ANY FLOOD ZONES, WETLANDS OR BUFFER ZONE AREAS. ALL STOCKPILES SHALL BE SURROUNDED BY HAYBALES, SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND SHALL BE SEEDED OR STABILIZED IF

5. SEDIMENTATION CONTROL DEVICES AND EROSION CONTROL BARRIERS SHALL BE INSPECTED WEEKLY AND MAINTAINED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION AND PROMPTLY AFTER EACH

CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER AND/OR THE

7. THE CONTRACTOR MUST REPAIR OR RE—SEED ANY AREAS THAT DO NOT DEVELOP WITHIN A PERIOD OF ONE YEAR AT NO ADDITIONAL EXPENSE TO

8. SEDIMENT CONTROL DEVICES AND EROSION CONTROL BARRIERS MAY BE

9. ALL DISTURBED OR EXPOSED AREAS SUBJECT TO EROSION, WHICH REMAIN

AND SEDIMENT CONTROL GUIDELINES. IN ALL CASES, STABILIZATION

MEASURES SHALL BE IMPLEMENTED AS SOON AS POSSIBLE IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT

10. THE CONTRACTOR SHALL KEEP ON SITE, AT ALL TIMES, ADDITIONAL HAYBALES AND EXTRA SILTATION FENCING FOR INSTALLATION AT THE

11. REFER TO CONSTRUCTION DETAILS FOR ADDITIONAL EROSION CONTROL

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITING, RELOCATION AND AUGMENTATION OF EROSION CONTROL DEVICES AS THE PROJECT PROGRESSES AND THE SITE DRAINAGE CONDITIONS CHANGE.

13. THE CONTRACTOR SHALL MINIMIZE THE AREA OF DISTURBED SOIL.

EFFORTS SHALL BE MADE TO LIMIT THE TIME OF EXPOSURE OF DISTURBED

DISTURBED BUT INACTIVE FOR AT LEAST THIRTY DAYS, SHALL RECEIVE TEMPORARY SEEDING IN ACCORDANCE WITH THE MASSACHUSETTS EROSION

DIRECTION OF THE ENGINEERS OR THE PLANNING BOARD TO MITIGATE ANY

REMOVED ONLY AFTER THE SITE HAS BEEN STABILIZED.

CONTROL GUIDELINES.

EMERGENCY CONTROL

PROVIDE TEMPORARY FILTER FABRIC COVER FOLD. FOLD TO FOLLOW SLOPE/FLOW DIRECTION. CUT AND REMOVED ONCE SITE IS STABILIZED

6. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTITUTED AS

3. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.

20. ALL GRASSED AREAS MUST BE MOWED A MINIMUM OF TWO TIMES PER

THEY MUST BE RESEEDED TO SUSTAIN VEGETATIVE COVER.

REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIALS FROM THE

SITE. A THOROUGH INSPECTION OF THE WORK PERIMETER IS TO BE MADE

RENCHES ARE TO REMAIN OPEN OVERNIGHT.

OTHERS FOR ADDITIONAL INFORMATION.

**EROSION CONTROL NOTES:** 

CONSTRUCTION ACTIVITIES OR AS REQUIRED.

LEFT UNDISTURBED FOR TWO WEEKS OR MORE.

SHALL BE COLLECTED AND REMOVED FROM THE SITE.

BUT NOT LIMITED TO BARRICADES, SIGNS, FENCES, FLAGGERS, LIGHTING, POLICE DETAIL, AND ANY OTHER MEANS AS DIRECTED BY THE TOWN. NO

CONTRACTOR'S OPERATION SHALL BE RESTORED BY THE CONTRACTOR TO

INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY COMPANIES ARE COMPLETED PRIOR TO INSTALLATION, BACKFILLING,

OWNERS, A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN.

THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

12. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED

AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND

PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

WORK WITHIN PUBLIC STREETS.

COMPANIES A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION ACTIVITIES

SILT FENCE, ETC.) SHOULD BE INSPECTED WEEKLY, PROMPTLY AFTER EACH MAJOR RAINFALL EVENT (>0.25 INCHES PER 2017 CGP) AND AT LEAST

INSPECT AT A MINIMUM OF TWICE A YEAR, OR AFTER MAJOR STORM EVENTS (>0.25 INCHES PER 2017 CGP). REPAIR ERODED SPOTS IMMEDIATELY AFTER ESTABLISHED ADEQUATELY. ACCUMULATED SEDIMENT SHALL BE REMOVED AT

INFILTRATION BASINS SHALL BE MOWED A MINIMUM OF TWICE PER YEAR.
GRASS CLIPPINGS AND ACCUMULATED ORGANIC MATTER SHOULD BE REMOVED FROM THE BASIN TO A NON-SENSITIVE AREA. REPAIRS AND RESEEDING SHOULD BE DONE AS REQUIRED, SEDIMENT AND DEBRIS SHOULD BE REMOVED MANUALLY WHEN DETENTION BASIN IS THOROUGHLY DRY, A MINIMUM OF ONCE PER YEAR OR WHEN THE SEDIMENT LEVEL REACHES A DEPTH OF THREE INCHES (3") IN THE BASIN OR HALF AN INCH (42") IN THE

TRASH, DEBRIS OR SEDIMENT AND CHANNELIZATION OF STORMWATER

INSPECT AFTER EVERY MAJOR STORM EVENT (>0.25 INCHES PER 2017 CGP) FOR THE FIRST FEW MONTHS AFTER CONSTRUCTION TO ENSURE PROPER FUNCTION, THEREAFTER INSPECT AT LEAST TWICE PER YEAR FOR ACCUMULATION OF SEDIMENT, DEBRIS AND LEAF LITTER. REMOVE ORGANIC MATTER SEDIMENT, TRASH AND DEBRIS AS NECESSARY.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL FACILITIES UNTIL THE PROJECT CONSTRUCTION IS COMPLETED.

109 W. 27TH STREET, 8TH FLOOR

3. DISPOSAL OF ACCUMULATED SEDIMENT AND HYDROCARBONS TO BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES AND

NEW YORK, NY 10001

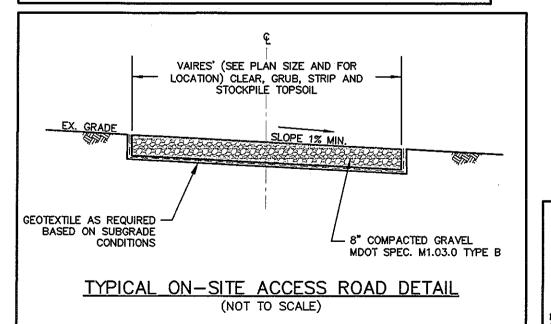
4. THERE SHALL BE NO ILLICIT DISCHARGE OF ANY WASTE OR WASTE WATER. ANY WASTE OIL OR OTHER WASTE PRODUCTS GENERATED DURING MAINTENANCE 17. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPROVED PERMITS AND WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES AND REGULATIONS.

5. ALL GRASSED AREAS MUST BE MOWED A MINIMUM OF TWO TIMES PER YEAR (SPRING AND FALL) TO REDUCE WEED GROWTH. INSPECT GRASSED AREAS ON A REGULAR BASIS TO EVALUATE THE NEED FOR ADDITIONAL PERIODS OF MOWING O PREVENT BRUSH FIRES. IF AREAS BECOME BARE, THEY MUST BE RESEEDED

- FOR PIPE ENDS (SEE RIPRAP APRON DETAIL)

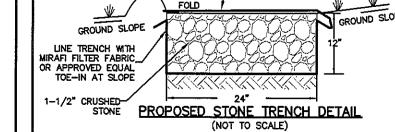
MIN. GRADE OF SWALE-TO BE 1.0% BUILD-UP BERM WHERE REQUIRED W INSTALL STONE CHECK DAMS — SEE PLANS FOR SPACING **EROSION CONTROL MATTING** (MIRAFI-MIRAMAT TM8 OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS 1. ALL SWALES TO BE GRASSED UNLESS OTHERWISE NOTED, SEE PLANS.
2. LOAM AND SEED AND EROSION CONTROL MEASURES TO BE INSTALLED IMMEDIATELY UPON CONSTRUCTION OF SWALE.
3. CONTRACTOR TO CHECK SWALE WEEKLY AND AFTER ALL RAIN EVENTS DURING CONSTRUCTION FOR SIGNS OF EROSION/BARE SPOTS AND RESEED IMMEDIATELY, UNTIL STABILIZED 4. SEE STORMWATER O+M SCHEDULE FOR LONG TERM MEASURES. GRASSED SWALE DETAIL NOT TO SCALE

NOT TO SCALE



. SUBGRADE SHALL BE COMPACTED TO 90% OF ASTM D1557. 2. GEOTEXTILE SHALL BE MIRAFI 500X OR APPROVED EQUAL. 3. GEOTEXTILE SHALL BE OVERLAPPED AS RECOMMENDED BY MANUFACTURER. 4. 4" LOAM & SEED REQUIRED ALONG ACCESS ROAD AT AREAS DISTURBED DURING CONSTRUCTION.

APPLICANT: CVE NORTH AMERICA, INC. 109 W. 27TH STREET, 8TH FLOOR NEW YORK, NY 10001



DETAIL SHEET SOULES WAY SOLAR SOULES WAY, WESTPORT, MA JULY 9, 2020

FILE: 3150.01-DET-REV3 Sheet | of 6 JOB NUMBER 3150.01

