

CITRINE POWER, LLC "MIDDLETON/MIDDLEFIELD"

MERIDEN ROAD (ROUTE 66) MIDDLEFIELD, CT 06455

LIST OF DRAWINGS

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1 OF 1 EXISTING CONDITIONS PLAN PROVIDED BY MARTIN SURVEYING
ASSOC., LLC

OP-1 OVERALL LOCUS MAP

SP-1 SITE PLAN

EC-1 SEDIMENTATION & EROSION CONTROL PLAN

EC-2 SEDIMENTATION & EROSION CONTROL NOTES & DETAILS

DN-1 SITE DETAILS

DN-2 SITE NOTES

SITE INFORMATION

SITE NAME: "MIDDLETON/MIDDLEFIELD"

MERIDEN ROAD (ROUTE 66)

LOCATION: MIDDLEFIELD, CT 06455

SITE TYPE/DESCRIPTION: ADD (2) GROUND MOUNTED SOLAR PANEL
ARRAY W/ ASSOCIATED EQUIPMENT.
EAST ARRAY 0.986-MW
WEST ARRAY 1.02-MW

PROPERTY OWNER: BARBARA J. PENNEY
and
ANN CHARTON
41 CHELSEA DRIVE
CROMWELL, CT 06416

APPLICANT: CITRINE POWER, LLC,
OP MIDDLETON LLC &
OP MIDDLEFIELD LLC
55 GREEN FARMS ROAD
WESTPORT, CT 06880
PHONE: 203.557.5554

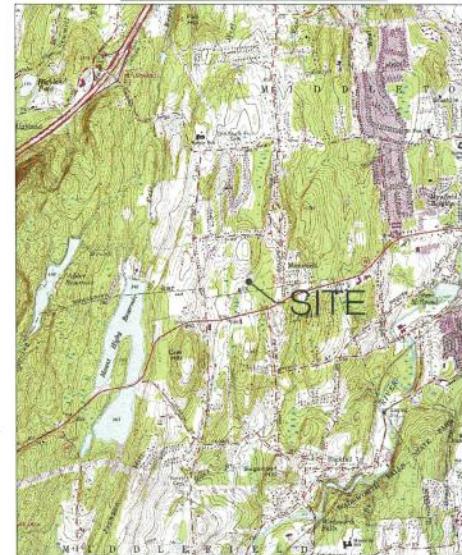
ENGINEER CONTACT: BRADLEY J. PARSONS, P.E.
(860) 663-1697 x208

LATITUDE: 41°32'45.22" N
LONGITUDE: 72°42'23.61" W
ELEVATION: 332± AMSL

ZONE: DESIGN DISTRICT #1 (MIDDLEFIELD)
RESIDENTIAL 15 (MIDDLETON)
EXISTING LAND USE: SINGLE FAMILY RESIDENTIAL & AGRICULTURAL
PROPOSED LAND USE: LARGE SCALE GROUND MOUNTED SOLAR
PHOTOVOLTAIC INSTALLATIONS

TOTAL PROJECT ACREAGE: 8.7± AC.
TOTAL DISTURBED AREA: 0.95± AC.

USGS TOPOGRAPHIC MAP



CITRINE		
55 GREENS FARMS ROAD WESTPORT, CT 06880 OFFICE: (203) 557-5554		
ALL-POINTS TECHNOLOGY CORPORATION		
3 SAOLBHRACH DRIVE, PHONE: (860) 653-1887 KILNIGHTON, CT 06419 FAX: (860) 653-0355 WWW.ALL-POINTSTECH.COM		
PERMITTING		
NO.	DATE	REVISION
0	3/28/19	FOR CSC REVIEW: BJP
1	4/04/19	REVISED PER REVIEW: RAG
2	4/05/19	FOR FINAL REVIEW: BJP
3	4/10/19	FOR CSC SUBMISSION: RAG
4		
5		
6		
DESIGN PROFESSIONAL OF RECORD		
PROF:	BRADLEY J. PARSONS P.E.	
COMP:	ALL-POINTS TECHNOLOGY CORPORATION	
ADD:	3 SAOLBHRACH DRIVE KILNIGHTON, CT 06419	
OWNER:	BARBARA J. PENNEY AND ANN CHARTON	
ADDRESS:	41 CHELSEA DRIVE CROMWELL, CT 06416	
MIDDLETON/MIDDLEFIELD		
SITE:	MERIDEN ROAD (ROUTE 66)	
ADDRESS:	MIDDLEFIELD, CT 06455	
APT/FILING NUMBER:	CT057100	
DRAWN BY:	RAG	
DATE:	03/26/19	
SHEET TITLE:		
TITLE SHEET & INDEX		
SHEET NUMBER:		T-1

MAP NOTE:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B THROUGH 20-300-20 AND THE "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" HAVING AN EFFECTIVE DATE OF OCTOBER 25, 2018.
2. THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREIN ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A PROPERTY SURVEY.
3. THE PROPERTY BOUNDARY DETERMINATION/OPINION IS BASED UPON A FIRST SURVEY OF THE SUBJECT PARCEL.
4. HORIZONTAL BASLINE CONFORMS TO A CLASS A2 ACCURACY.
5. GROUND CONTURS DEPICTED HEREON CONFORM TO A CLASS "D" VERTICAL STANDARD AND ARE BASED UPON DIGITAL ELEVATION MODELS DERIVED FROM AN AERIAL SURVEY CONDUCTED IN 2016 BY THE STATE OF CONNECTICUT THAT ARE BASED UPON THE 1988 NAD 83 COORDINATE SYSTEM AND THE 1988 Vertical Datum. AREAS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 USING GEOD 12B.

MAP NOTES (CONTINUED)

6 THE NORTH ARROW AND BEARINGS ARE BASED UPON THE CONNECTICUT STATE COORDINATE SYSTEM N.A.D. 1983 (2011). THE ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) USING GECID 128 COORDINATES AND ELEVATIONS WERE DETERMINED FROM RTK GPS OBSERVATIONS MADE ON JANUARY 8, 2016, USING THE CT DOT RTK NETWORK KNOWN AS ACORN (CTNE BASE), HAVING THE FOLLOWING VALUES

THE FOLLOWING MAP REFERENCES CAN BE FOUND AT THE CONNECTICUT

DEPARTMENT OF TRANSPORTATION DISTRICT 1

1. 'RIGHT OF WAY MAP, TOWN OF MIDDLEFIELD, MERIDEN-MIDDLETON ROAD, FROM THE MIDDLETON TOWN LINE WESTERLY ABOUT 5,005 FEET ROUTE NO. 14' (SHEET 1 OF 2) SCALE 1:400 DATED OCTOBER 9, 1933 BY CONNECTICUT STATE HIGHWAY DEPARTMENT.
2. 'RIGHT OF WAY MAP, TOWN OF MIDDLEFIELD, MERIDEN-MIDDLETON ROAD FROM BESECK LAKE ROAD EASTERLY ABOUT 7,100 FEET, ROUTE NO. 14' (SHEET 3 OF 3) SCALE 1:400 DATED OCTOBER 9, 1933 BY CONNECTICUT STATE HIGHWAY DEPARTMENT.

CONNECTICUT™ HAVING AN EFFECTIVE DATE OF OCTOBER 26, 2018.

2. THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED
HEREIN ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A PROPERTY
SURVEY.

SURVEY

3. THE PROPERTY/ BOUNDARY DETERMINATION/OPTION IS BASED UPON A FIRST SURVEY OF THE SUBJECT PARCEL.

4. THE HORIZONTAL BASELINE CONFORMS TO A CLASS A-2 ACCURACY.

5. GROUND CONTOURS DEPICTED HEREON CONFORM TO A CLASS "T-D" Y

STANDARD AND ARE BASED UPON DIGITAL ELEVATION MODELS DERIVED FROM AN AERIAL SURVEY CONDUCTED IN 2016 BY THE STATE OF CONNECTICUT THAT ARE PUBLICLY AVAILABLE VIA WWW.CTECO.UCONN.COM. THE VERTICAL DATUM IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 USING GEOID 12B.

APPROXIMATE PROPERTY LINE BASED UPON
CLIP PLAN DATED JANUARY, 1953. SAID
PLAN DEPICTS OLD FENCE LINE AS BEING THE
LINE OF OCCUPATION AND PROPERTY LINE.
NO EVIDENCE OF FENCE FOUND DURING THE
SURVEY OTHER THAN THE TREES WITH WIRES
AS DEPICTED ON THIS PLAN. BOUNDARY LINE
AGREEMENT RECOMMENDED

AREA
896,845 S.F., 20.59 ACRES (MIDDLETOWN)
1,1246,637 S.F., 25.82 ACRES (MIDDLEFIELD)
2,021,482 S.F. 46.41 ACRES (TOTAL)

50 6 50 100 11



SITE LOCATION MAP (NOT TO SCALE)

A. TOWN OF MIDDLEFIELD, MAP SHOWING LAND ACQUIRED FROM JENNIE MAKUCH, RELOCATION OF ROUTE 86 SCALE: 1"=40' DATED SEPTEMBER 15, 1957 BY THE STATE OF CONNECTICUT.

B. TOWN OF MIDDLEFIELD, MAP SHOWING LAND ACQUIRED FROM S.J. CARRITELLO, ESQ. TRUSTEE, RELOCATION OF ROUTE 86" SCALE: 1"=40' DATED SEPTEMBER 18, 1957 BY THE STATE OF CONNECTICUT.

C. TOWN OF MIDDLEFIELD AND CITY OF MIDDLETOWN, MAP SHOWING LAND ACQUIRED FROM S.J. CARRITELLO, ESQ. TRUSTEE, RELOCATION OF ROUTE 86" SCALE: 1"=40' DATED AUGUST 1, 1957 BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION.

E. TOWN OF MIDDLEFIELD, MAP SHOWING LAND ACQUIRED FROM JENNIE MAKUCH, RELOCATION OF ROUTE 86" SCALE: 1"=40' DATED JUNE 21, 1961 BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION.

F. "MAP OF A PORTION OF THE LAND OF FRANK MARUCH MIDDLETOWN, CONNECTICUT" SCALE: 1"=40' DATED AUGUST, 1961 BY LF, QURK.

G. "MAP SHOWING LAND PURCHASED BY FRANK MARUCH AND JENNIE MARUCH TOWN OF MIDDLEFIELD, CONNECTICUT" SCALE: 1"=100' DATE? JANUARY 1935 BY THE CONNECTICUT POWER COMPANY.

H. "MAP SHOWING RIGHT OF WAY ACROSS PROPERTY OF ADOLF MARUCH AND JENNIE MARUCH TOWNS OF MIDDLEFIELD AND MIDDLETOWN, CONNECTICUT" SCALE: 1"=200' DATED JANUARY 1937 BY THE CONNECTICUT POWER COMPANY.

I. "MAP SHOWING PORTION OF PROPERTY OF FRANK & JENNIE MARUCH PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED AUGUST 29, 1942 BY LF, QURK.

J. "MAP OF PROPERTY CONVEYED TO ALLEN C. ROBERTS BY FRANK MARUCH MIDDLEFIELD, CONNECTICUT" SCALE: 1"=50' DATED NOVEMBER 30, 1941 BY ILLEGIBLE.

K. "MAP FOR CONVEYANCE OF A PORTION OF THE FRANK MARUCH PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED MARCH 1943 BY THOMAS H. SELLIER JR.

L. "SKETCH SHOWING PORTION OF MARY JASZEKIEW PROPERTY MIDDLEFIELD TOWN ROAD MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED SEPTEMBER 12, 1941 BY LF, QURK.

M. "MAP OF CONNETTICO S. CARITA PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=30' DATED MARCH 1947 BY LF, QURK.

N. "MAP OF GENEVIEVE A. CHARLES LOWKIEW PROPERTY MIDDLETON & MIDDLEFIELD, CONNECTICUT" SCALE: 1"=50' DATED MAY, 1955 BY LF, QURK.

O. "SKETCH OF PROPERTY OF EDWARD MARUCH MIDDLEFIELD, CONNECTICUT" DATED SEPTEMBER 10, 1941 BY LF, NORMAN GERMAN.

P. TOWN OF MIDDLEFIELD, MAP SHOWING EASEMENT TO BE ACQUIRED FROM ADD'L PH. J. MARUCH CLIMBING LANE ON ROUTE U.S. 64" SCALE: 1"=40' DATED APRIL, 1959 BY THE STATE OF CONNECTICUT.

Q. PLAT SHOWING THE DIVISION LINE BETWEEN THE TOWNS MIDDLETON AND MIDDLEFIELD ON THE NORTH SIDE OF MIDDLEFIELD" SCALE: 1"=100' DATE: ILLEGIBLE BY ILLEGIBLE.

THE FOLLOWING MAP REFERENCES CAN BE FOUND IN THE CITY OF MIDDLETOWN LAND RECORDS

AA. "NEW LOCATION OF HIGHWAY LINE FOR PORTION OF BULLARD ROAD MIDDLETON, CONNECTICUT" SCALE: 1"=40' DATED 1933 BY CURTIS F. QURK.

BB. "MAP OF SOPHIE & WALTER GANAK PROPERTY MIDDLETON, CONNECTICUT" SCALE: 1"=40' DATED APRIL, 1958 BY LF, QURK.

CC. "CURVE OF PORTION OF PROPERTY OF ADOLF & JENNIE MARUCH & LEONARD E. & VIRGINIA N. BURR AND OTHERS EAST SIDE OF HIGHWAY (ROUTE 1A) (NAR 1/27) TOWNS OF MIDDLEFIELD AND MIDDLETON, CONNECTICUT" SCALE: 1"=20' DATED MAY 26, 1962 BY ILLEGIBLE.

DD. "MAP OF A PORTION OF MARY JASZEKIEW PROPERTY MIDDLETON, CONNECTICUT" SCALE: 1"=40' DATED JUNE 1947 BY LF, QURK.

EE. "MAP OF A PORTION OF MARY JASZEKIEW PROPERTY MIDDLETON, CONNECTICUT" SCALE: 1"=40' DATED JUNE 22, 1977 BY P.F. JACHOWIAK.

FF. "PROPERTY SURVEY LAND OF DENNIS B. GILLS, RICHARD B. BIRDSEY & THOMAS E. BIRDSEY" SCALE: 1"=50' DATED NOVEMBER 1996 BY CONKLIN & SOROKA INC.

GG. "PROPERTY OF JOHN AND JAMES KOLMAN 1840 ROAD MIDDLETON, CONNECTICUT, SUBDIVISION PLAN A DEVELOPMENT PLAN" SCALE: 1"=40' DATED JULY, 10, 1997 BY ILLEGIBLE.

HH. "MAP SHOWING EASEMENT TO BE ACQUIRED FROM JOHN F. KOLMAN, JR. & JAMES KOLMAN, HIGHWAY ROAD MIDDLETON, CONNECTICUT" SCALE: 1"=40' DATED MARCH, 1996 BY GREINER INC.

II. "RESUBDIVISION MAP" LAND OF DENNIS B. GILLS, RICHARD H. BIRDSEY & THOMAS E. BIRDSEY SCALE: 1"=60' DATED JULY 1, 1995 BY CONKLIN & SOROKA INC.

LEGEND

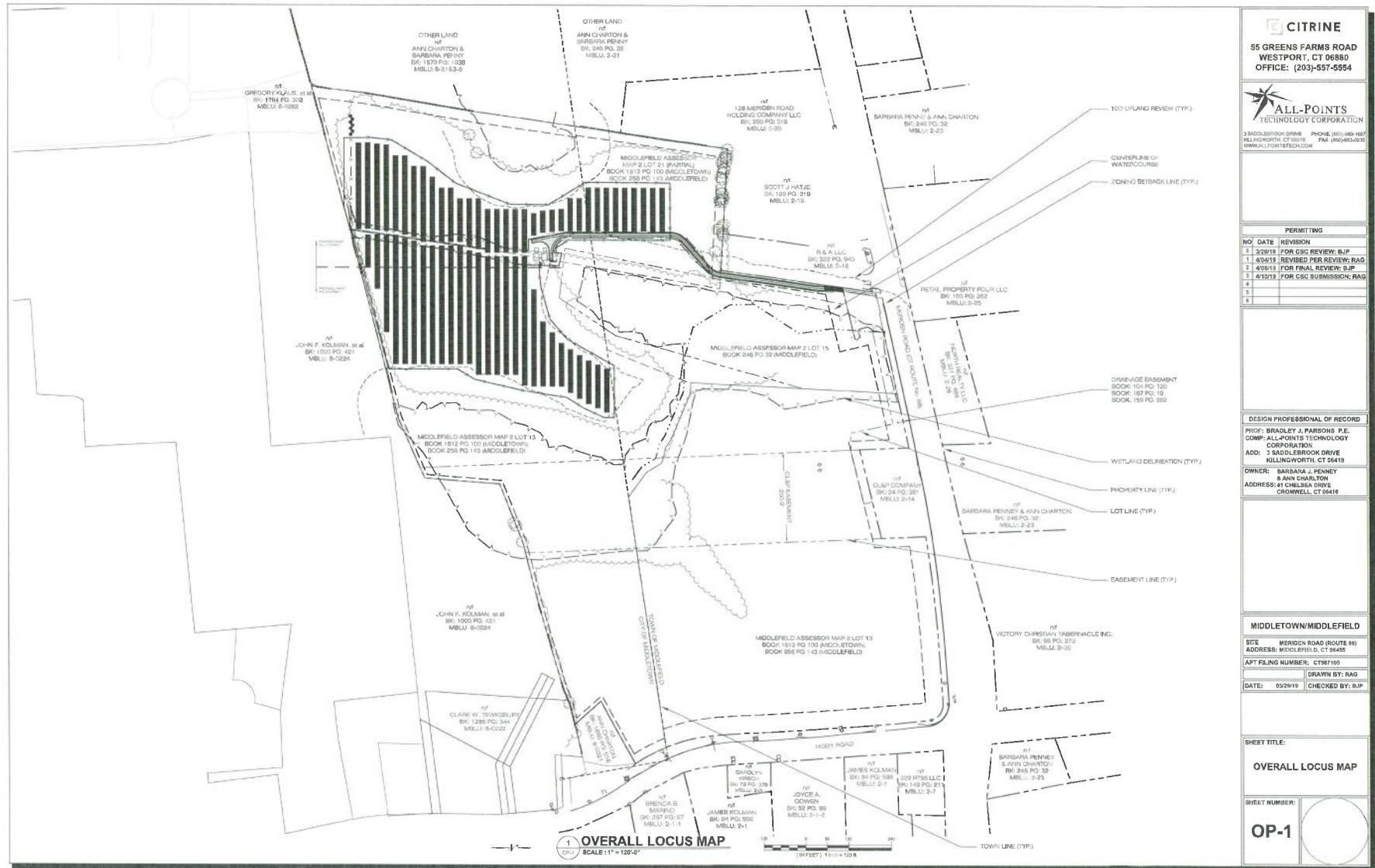
- IRON PUN (FOUND)
- Rebar/Drill Hole (To Be Set)
- MONUMENT (FOUND)
- MANHOLE
- DRAINAGE MANHOLE
- SANITARY MANHOLE
- ELEC. MANHOLE
- TELE. MANHOLE
- "C" CATCH BASIN
- "C-L" CATCH BASIN
- DECODUCED TREES
- EVERGREEN TREES
- SHRUB/BUSH
- FLAG POLE
- TRAFFIC CONTROL BOX
- △ SIGN
- POST
- LIGHT POLE
- GUY ANCHOR
- UTILITY POLE
- WATER GATE
- WATER METER
- GAS VALVE
- GAS METER
- TRANSFORMER
- ELEC. METER
- MAIL BOX
- HAND POLE
- BUTTON BOX
- A.C. UNIT
- △ TRAFFIC LIGHT POLE

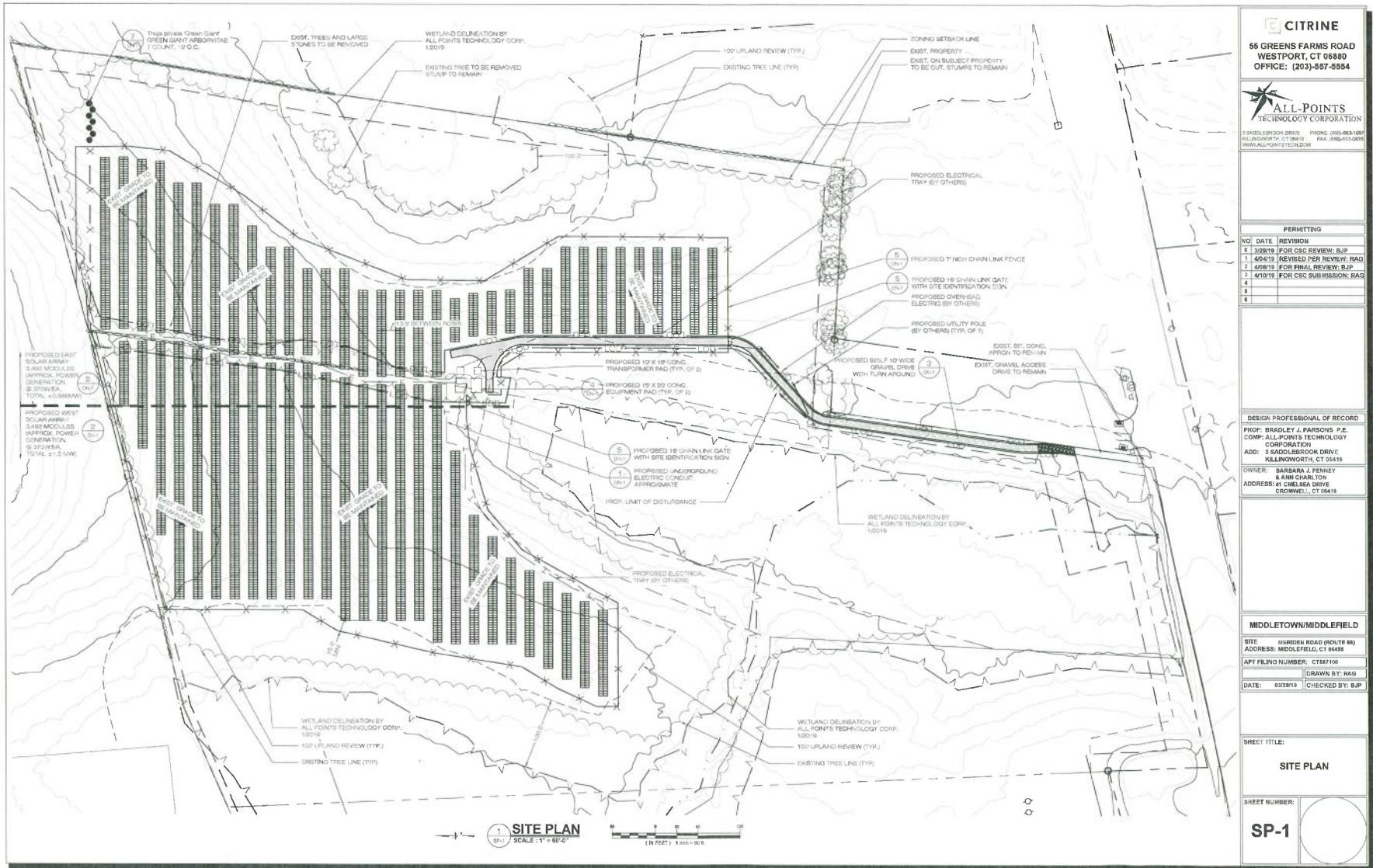
The logo for Martin Surveying Associates, LLC. It features the word "martin" in a lowercase, sans-serif font, with a stylized orange "M" graphic above it. Below "martin" is a smaller "Surveying Associates, LLC" in a similar font. The "M" graphic is composed of two overlapping orange shapes: a trapezoid on top and a triangle on the bottom, with a vertical line segment connecting them.

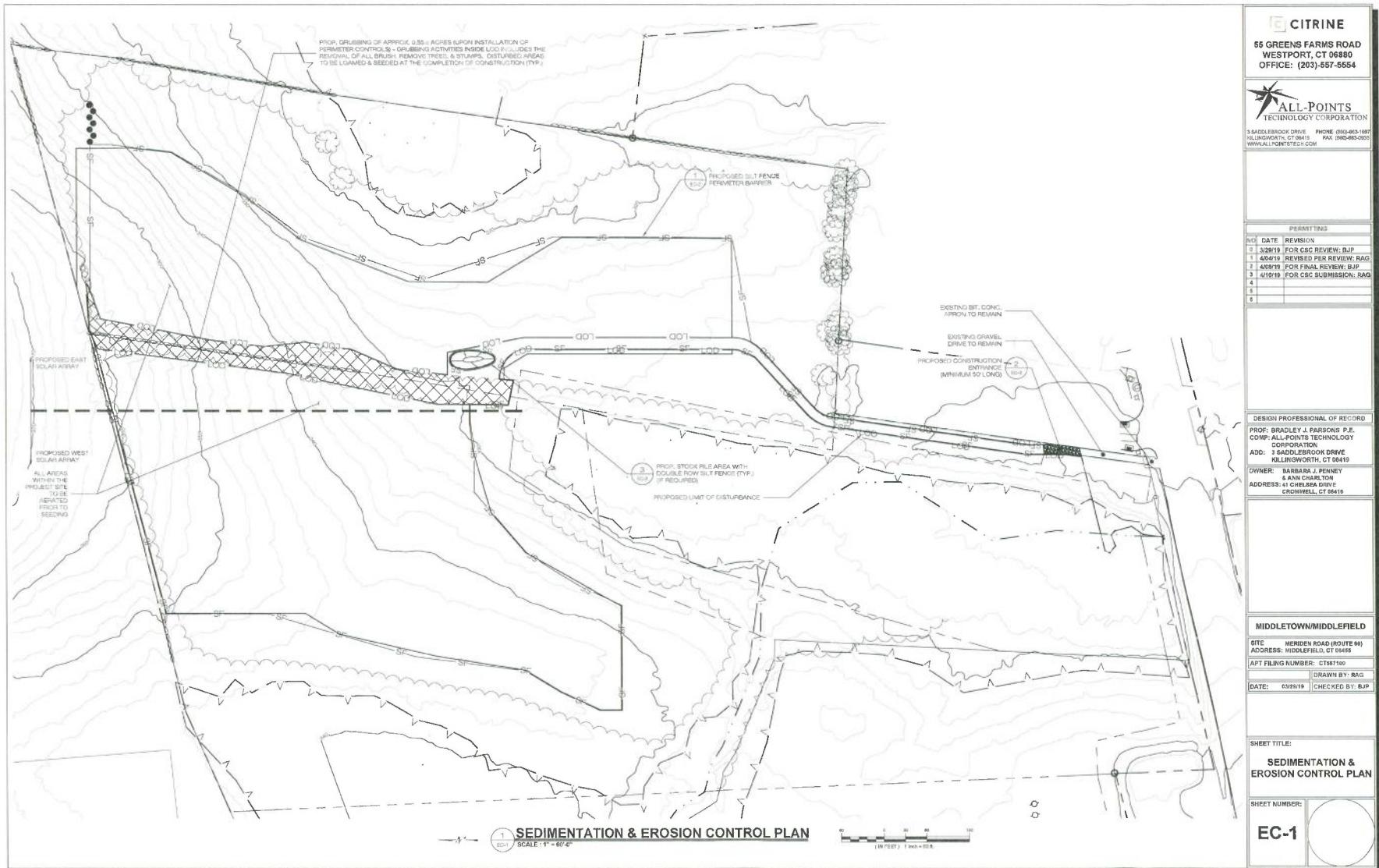
REVIEWERS

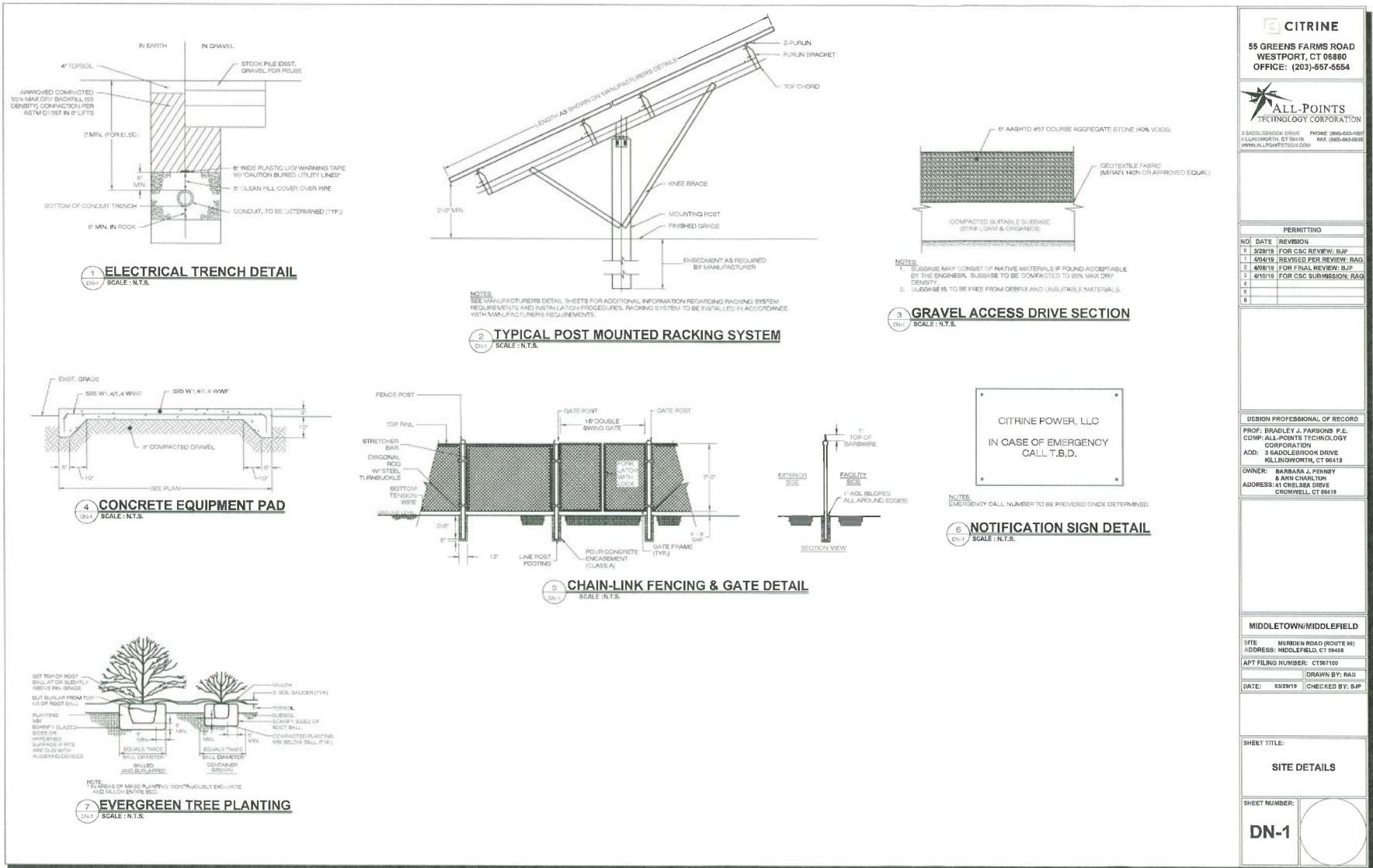
PROPERTY SURVEY
LAND OF
ANN CHARTON & BARBARA
MERIDEN-MIDDLETOWN ROAD (AIR)
HIGHBY ROAD
MIDDLEFIELD & MIDDLETON
CONNECTICUT

A circular red seal for the State of Connecticut Land Surveyor. The outer ring contains the text "STATE OF CONNECTICUT" at the top and "LAND SURVEYOR" at the bottom. The center features a shield with a plow, a sheaf of wheat, and a compass rose, with the number "No. 72147" below it.









GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH PROJECT DEVELOPER STANDARDS, CITY OF MIDDLEFIELD, CONNECTICUT, STANDARDS AND REQUIREMENTS, AND THE REQUIREMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL BE USED.
- IF NO PROJECT CONSTRUCTION SPECIFICATION PACKAGE IS PROVIDED BY THE PROJECT DEVELOPER OR THEIR REPRESENTATIVE, THE CONTRACTOR SHALL COMPLY WITH THE MANUFACTURE, CITY OF MIDDLEFIELD, TOWN OF MIDDLEFIELD, OR CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL BE USED.
- THE PROJECT CONSTRUCTION SPECIFICATION PACKAGE IS PROVIDED BY THE PROJECT DEVELOPER OR THEIR REPRESENTATIVE, THE CONTRACTOR SHALL COMPLY WITH THE MANUFACTURE, CITY OF MIDDLEFIELD, TOWN OF MIDDLEFIELD, OR CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL BE USED.
- THE PROJECT DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING AND STORMWATER PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT BE HELD LIABLE FOR ANY ZONING OR STORMWATER CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- REFER TO PLANS, DETAILS AND REPORTS PREPARED BY ALL-POINTS TECHNOLOGY CORPORATION FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE PROJECT DEVELOPER IF THERE ARE ANY QUESTIONS. THE CONTRACTOR SHALL CONSULT THE CONTRACTOR'S AND/OR FIELD CONDITIONS SO THAT APPROPRIATE CONSTRUCTION CAN BE MADE PRIOR TO BIDDING/CONSTRUCTION. ANY CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS SHALL BE RESOLVED WITH THE PROJECT DEVELOPER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS, PER PLANS AND SPECIFICATIONS TO THE PROJECT DEVELOPER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION OR DELIVERY TO THE SITE, ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- SHOULD ANY UNKNOWN OR INCORRECTLY LOCATED EXISTING PIPE OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE PROJECT DEVELOPER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK THIS AREA.
- DO NOT INTERRUPT EXISTING UTILITY SERVICING FACILITIES COULDN'T AND USED BY THE PROJECT DEVELOPER. IF AN UTILITY IS INTERRUPTED, THE CONTRACTOR SHALL NOTIFY THE UTILITY PROVIDER IN WRITING BY THE END OF THE DAY IT IS DISCOVERED AND THE LOCAL UTILITY INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL OWN THE PROPERTY LINE, UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
- THE CONTRACTOR SHALL, ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANE, BOOMS, HOSTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTRACTOR SHALL NOTIFY THE PROJECT DEVELOPER AND TAKE APPROPRIATE SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH OSHA CFR 29 PART 1625 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
- THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFETY OF THE CONTRACTOR'S WORKERS OR OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR PERSONNEL ON THE SUPERVISE SAFETY AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OF CONTRACTOR.
- THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, CONDUIT, PAVING, SIDEWALK, CURB, GUTTER, ETC. AS LANDSCAPED AREAS OR SURFACE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE PROJECT DEVELOPER OR TOWN.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE PROJECT DEVELOPER AT THE END OF CONSTRUCTION.
- ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER, ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN PROVIDED BY THE PROJECT DEVELOPER. IN THE EVENT OF A CONFLICT, THE PROJECT DEVELOPER MAPS AND/OR FIELD SURVEY AND NOT GUARANTEED CORRECT OR COMPLETE UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THIS INFORMATION. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS, INCLUDING SERVICES, PRIOR TO DEMOLITION OR CONSTRUCTION. THE CONTRACTOR SHALL NOT BE HELD LIABLE FOR ANY DAMAGE TO EXISTING UTILITIES DUE TO WORK AT 911 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.

SITE PLAN NOTES

- THE SURVEY WAS PROVIDED BY MARTIN SURVEYING ASSOC., LLC, DATED JANUARY 31, 2019.
- THERE ARE WETLANDS LOCATED ON THE SITE AS INDICATED ON THE PLANS. THE WETLANDS WERE PLACED AND LOCATED BY ALL POINTS TECHNOLOGY CORP, JANUARY 2019.
- THERE WILL BE MINIMAL GRADING ON SITE IN THE AREAS OF THE MINOR CLEARING, TO ENSURE THAT PROPER DRAINAGE IS MAINTAINED.
- THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SEQUENCE OF CONSTRUCTION NOTED PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR APPROVAL BY THE PROJECT DEVELOPER. THE CONTRACTOR SHALL NOT BEGIN ANY PART OF CONSTRUCTION, ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SITING OF ANY WATEROURCE OR WETLANDS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. IN THE EVENT OF A CONFLICT WITH THE PROJECT DEVELOPER'S AND/OR FIELD CONDITIONS SO THAT APPROPRIATE CONSTRUCTION CAN BE MADE PRIOR TO BIDDING/CONSTRUCTION, ANY CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS SHALL BE RESOLVED WITH THE PROJECT DEVELOPER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK, SHALL CONFORM TO THE SPECIFICATIONS PROVIDED BY THE PROJECT DEVELOPER. THE CONTRACTOR SHALL NOT USE ANY MATERIALS OTHERWISE. THIS WORK SHALL CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION'S STORM DRAINAGE DESIGN MANUAL. IF THERE IS NO PROJECT SPECIFICATIONS MANUAL, ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS AND/OR PROJECT DEVELOPER'S REQUIREMENTS. ALL OTHER MATERIALS SHALL BE CONFORM TO THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER. MATERIAL SHALL BE COMPAKED IN 8 LIFTS TO 95% OF THE MAXIMUM DRY CONTENT AS DETERMINED BY ASTM D 1557 AT 95% PERCENT OF OPTIMUM MOISTURE CONTENT.
- ALL DISTANCE REQUIRED TO PUBLIC, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF MIDDLEFIELD, THE TOWN OF MIDDLEFIELD OR THE STATE OF CONNECTICUT.
- IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SLOWDOWN EXCAVATION WORK ON IMPACTED SOIL AND NOTIFY THE PROJECT DEVELOPER AND ENGINEER IN WRITING. THE CONTRACTOR SHALL NOT CONTINUE TO EXCAVATE UNTIL APPROVED BY THE PROJECT DEVELOPER AND AN ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPER ENVIRONMENTAL CONSULTANT.
- ALL EXISTING PIPE WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER THE INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL TEMPORARY REINFORCEMENT AND REPAIRS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE TOWN OF MIDDLEFIELD.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER.
- RELOCATION OF UTILITY PROVIDER FACILITIES, SUCH AS POLES, SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
- THE CONTRACTOR SHALL COMPACT PIPE BACKFILL IN 8 LIFTS ACCORDING TO THE PIPE BACKFILL DETAILS. STORM BOTTOM SHALL BE STABILE IN HIGH GROUNDWATER AREAS. A CONCRETE BASE SHALL BE USED FOR THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION.
- CONTRACTOR TO PROVIDE STEEL, SLEEVES AND ANNUAL SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER POTHoles.
- UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING. CONTRACTOR SHALL NOT BACKFILL UNTIL APPROVAL IS RECEIVED.
- A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED. A 8-INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN STORM DRAIN AND SANITARY SEWER. A CONCRETE BASE SHALL BE USED FOR THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION. STORM PIPING SHALL REQUIRE CONCRETE ENCASING OF THE PROP. SANITARY PIPING.
- THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, CONDUIT, PAVING, CURB, SIDEWALK, GUTTER, ETC. TO THE PROJECT DEVELOPER'S REQUIREMENTS, INCLUDING SIDEWALK, PAVING, UTILITY, ETC. CONTRACTOR IS TO RESTORE THE EXISTING CONSTRUCTION, OR THEIR GENERAL CONDITON OR BETTER TO THE SATISFACTION OF THE PROJECT DEVELOPER, CITY OF MIDDLEFIELD AND TOWN OF MIDDLEFIELD.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM THE PROJECT DEVELOPER. THE CONTRACTOR SHALL NOT USE ANY MATERIALS OTHER THAN THOSE PROVIDED BY THE PROJECT DEVELOPER. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UTILITIES AND STORM DRAINAGE) TO THE PROJECT DEVELOPER. THE CONTRACTOR SHALL NOT BE HELD LIABLE FOR ANY DAMAGE TO EXISTING UTILITIES DUE TO WORK AT 911 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED ON PRIVATE PROPERTY. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT DEVELOPER'S MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
- ELECTRIC DRAWINGS AND REQUIREMENTS ARE NOT INCLUDED AS PART OF THIS CRAVING BET AND MUST BE OBTAINED FROM THE PROJECT DEVELOPER.
- THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING UTILITIES WITHOUT INTERRUPTION UNTIL AUTHORIZED TO DISCONNECT BY THE PROJECT DEVELOPER, TOWN OF MIDDLEFIELD, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.

UTILITY NOTES

- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF MIDDLEFIELD AND THE TOWN OF MIDDLEFIELD, TOWN OF MIDDLEFIELD, OR CONNECTICUT DEPARTMENT OF TRANSPORTATION FOR STRIPE CUTS AND CONNECTION TO EXISTING UTILITIES. PAYMENT OF FEES, PAY BY OTHERS, FOR STRIPE CUTS AND CONNECTION TO EXISTING UTILITIES.
- REFER TO DRAWINGS BY PROJECT DEVELOPER FOR THE SITE ELECTRICAL DRAWINGS AND INTERCONNECTION TO EXISTING ELECTRICAL GRID. SITE CONTRACTOR WILL BURLY AND BURRY THE EXISTING UTILITY LINES AND CONNECT TO THE PROJECT DEVELOPER'S UTILITY CH/PIPE CONNECTION POINT. THESE DETAILS ARE NOT INCLUDED IN THESE PLANS.
- UTILITY LOCATIONS AND PENETRATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION AND SHALL BE VERIFIED WITH THE ELECTRICAL ENGINEER AND THE PROJECT DEVELOPER'S ENGINEER.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE PROP. SANITARY SEWER AND WHERE PROJ. STORM PIPING IS LOCATED. IF ANY CONFLICTS ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE UTILITY PROVIDER. THE CONTRACTOR SHALL CONTACT THE PROJECT DEVELOPER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN THE EXISTING UTILITY LINES AND THE PROJ. STORM PIPING AND UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
- THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER.
- THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS. ALL ASSOCIATED FEES SHALL BE PAID BY OTHERS, FOR CONNECTIONS, DESIGNATIONS, ETC. CONTRACTOR IS TO RESTORE THE EXISTING UTILITY CONNECTIONS AS STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THIS CONTRACT.
- ALL EXISTING PIPE WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER THE INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL TEMPORARY REINFORCEMENT AND REPAIRS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE TOWN OF MIDDLEFIELD.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER.
- RELOCATION OF UTILITY PROVIDER FACILITIES, SUCH AS POLES, SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
- THE CONTRACTOR SHALL COMPACT PIPE BACKFILL IN 8 LIFTS ACCORDING TO THE PIPE BACKFILL DETAILS. STORM BOTTOM SHALL BE STABILE IN HIGH GROUNDWATER AREAS. A CONCRETE BASE SHALL BE USED FOR THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION.
- CONTRACTOR TO PROVIDE STEEL, SLEEVES AND ANNUAL SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER POTHoles.
- UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING. CONTRACTOR SHALL NOT BACKFILL UNTIL APPROVAL IS RECEIVED.
- A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED. A 8-INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN STORM DRAIN AND SANITARY SEWER. A CONCRETE BASE SHALL BE USED FOR THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION. STORM PIPING SHALL REQUIRE CONCRETE ENCASING OF THE PROP. SANITARY PIPING.
- THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, CONDUIT, PAVING, CURB, SIDEWALK, GUTTER, ETC. TO THE PROJECT DEVELOPER'S REQUIREMENTS, INCLUDING SIDEWALK, PAVING, UTILITY, ETC. CONTRACTOR IS TO RESTORE THE EXISTING CONSTRUCTION, OR THEIR GENERAL CONDITON OR BETTER TO THE SATISFACTION OF THE PROJECT DEVELOPER, CITY OF MIDDLEFIELD AND TOWN OF MIDDLEFIELD.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM THE PROJECT DEVELOPER. THE CONTRACTOR SHALL NOT USE ANY MATERIALS OTHER THAN THOSE PROVIDED BY THE PROJECT DEVELOPER. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UTILITIES AND STORM DRAINAGE) TO THE PROJECT DEVELOPER. THE CONTRACTOR SHALL NOT BE HELD LIABLE FOR ANY DAMAGE TO EXISTING UTILITIES DUE TO WORK AT 911 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED ON PRIVATE PROPERTY. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT DEVELOPER'S MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
- ELECTRIC DRAWINGS AND REQUIREMENTS ARE NOT INCLUDED AS PART OF THIS CRAVING BET AND MUST BE OBTAINED FROM THE PROJECT DEVELOPER.
- THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING UTILITIES WITHOUT INTERRUPTION UNTIL AUTHORIZED TO DISCONNECT BY THE PROJECT DEVELOPER, TOWN OF MIDDLEFIELD, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.

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PERMITTING	
NO.	DATE
3	3/29/19, FOR CSC REVIEW: B/P
4	4/6/19, REVISED PER REVIEW: RAG
2	4/5/19, FOR FINAL REVIEW: B/P
3	4/5/19, FOR CSC SUBMISSION: RAG
4	
5	
6	

DESIGN PROFESSIONAL OF RECORD	
PROF: BRADLEY J. PARSONS P.E.	
COMP: ALL-POINTS TECHNOLOGY CORPORATION	
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E: J.PENNEY@ALLPOINTS.TECH.COM	
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MIDDLETOWN/MIDDLEFIELD	
SITE:	MIDDLEFIELD, (ROUTE #6)
ADDRESS:	104 MIDDLEFIELD, CT 06445
APT/FLOOR NUMBER:	C1651109
DRAWN BY:	RAG
DATE:	12/29/19
CHECKED BY:	RAG

SHEET TITLE:	
SITE NOTES	
SHEET NUMBER:	DN-2