

CITRINE POWER, LLC "MIDDLETOWN/MIDDLEFIELD"

MERIDEN ROAD (ROUTE 66)
MIDDLEFIELD, CT 06455

LIST OF DRAWINGS

T-1 TITLE SHEET & INDEX

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: "MIDDLETOWN/MIDDLEFIELD"
LOCATION: MERIDEN ROAD (ROUTE 66)
MIDDLEFIELD, CT 06455

SITE TYPE/DESCRIPTION: ADD (2) GROUND MOUNTED SOLAR PANEL
ARRAY W/ ASSOCIATED EQUIPMENT.
EAST ARRAY 0.385+/-MW
WEST ARRAY 1.0+/-MW

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

APPLICANTS: CITRINE POWER, LLC,
OR MIDDLETOWN II, LLC &
OR MIDDLETOWN II, LLC,
55 GREEN FARMS ROAD
WESTPORT, CT 06880
PHONE: 203.557.5554

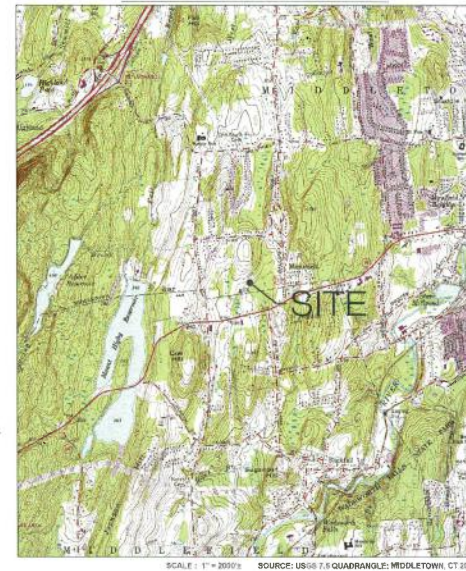
ENGINEER CONTACT: BRADLEY J. PARSONS, P.E.
(860) 683-1607 x208

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

ZONE: DESIGN DISTRICT #1 (MIDDLEFIELD)
RESIDENTIAL 15 (MIDDLEFIELD)
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



SCALE: 1" = 2000'
SOURCE: USGS 7.5 QUADRANGLE: MIDDLEFIELD, CT 2011



55 GREENS FARMS ROAD
WESTPORT, CT 06880
OFFICE: (203) 557-5554



2 SADDLERBROOK DRIVE PHONE: (860) 453-1807
KILLINGWORTH, CT 06455 FAX: (860) 453-1805
WWW.ALLPOINTSTECH.COM

PERMITTING

NO.	DATE	REVISION
1	3/28/19	FOR CBC REVIEW: BJP
2	4/24/19	REVISED PER REVIEW: RAG
3	4/28/19	FOR FINAL REVIEW: BJP
4	4/10/19	FOR CBC SUBMISSION: RAG
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS, P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 2 SADDLERBROOK DRIVE
KILLINGWORTH, CT 06455

OWNER: BARBARA J. PENNEY
AND ANN CHARTON
ADDRESS: 41 CHELSEA DRIVE
CROMWELL, CT 06416

MIDDLETOWN/MIDDLEFIELD

SITE: MERIDEN ROAD (ROUTE 66)
ADDRESS: MIDDLEFIELD, CT 06455
APT. FILING NUMBER: CT87105
DATE: 03/28/19
DRAWN BY: RAG
CHECKED BY: BJP

SHEET TITLE:

TITLE SHEET & INDEX

SHEET NUMBER:

T-1

MAP NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-200A THROUGH 20-200-20 AND "THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" HAVING AN EFFECTIVE DATE OF OCTOBER 26, 2018.
2. THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON 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. THE HORIZONTAL BASELINE CONFORMS TO A CLASS A2 ACCURACY.
5. GROUND CONTOURS 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 PUBLICLY AVAILABLE VIA WWW.CT.ECOLOGIC.COM. THE VERTICAL DATUM IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 USING GEOID 12B.

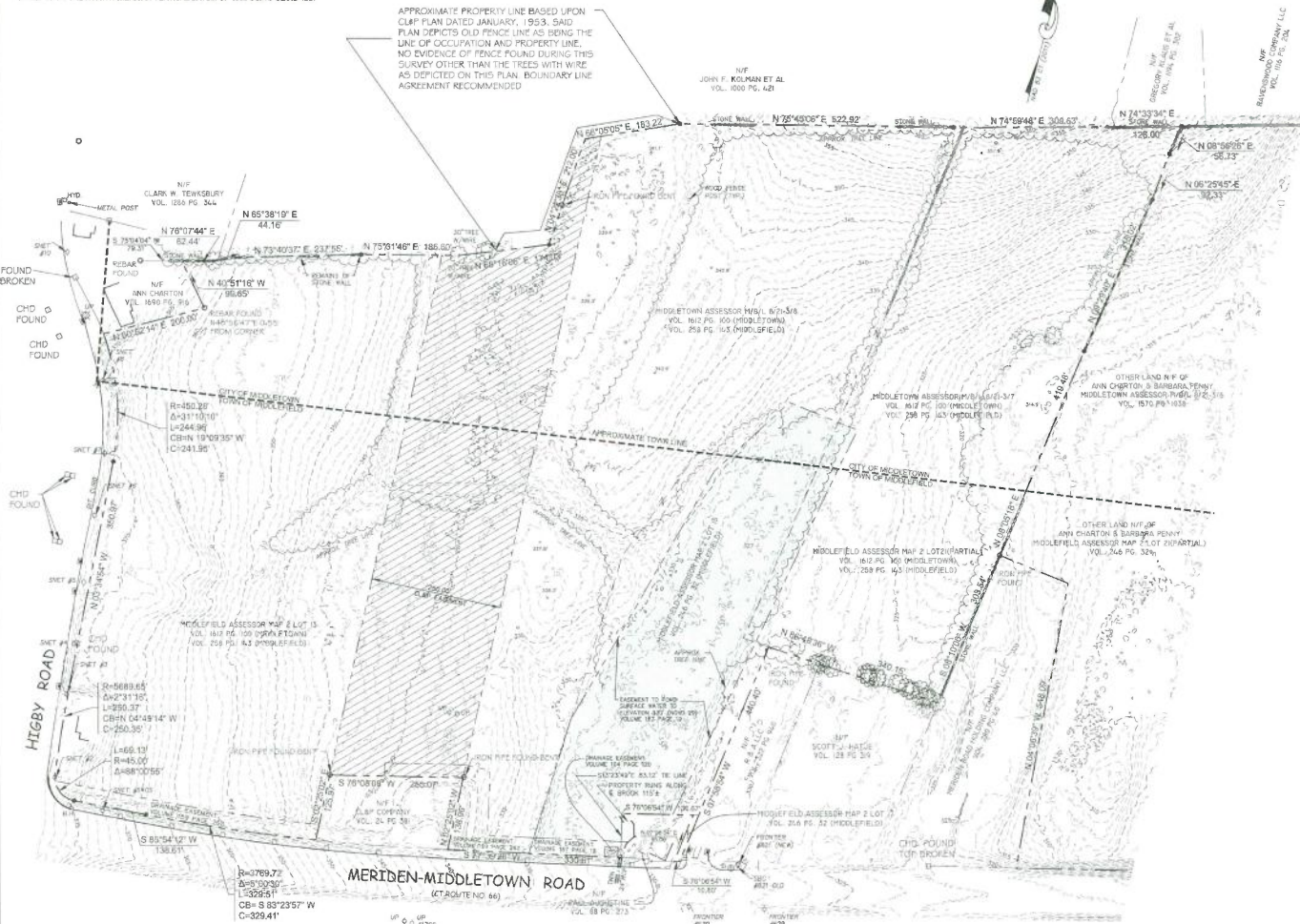
MAP NOTES (CONTINUED)

6. THE NORTH ARROW AND BEARINGS ARE BASED UPON THE CONNECTICUT STATE COORDINATE SYSTEM NAD 83 (2011). THE ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) USING GEOID 12B. COORDINATES AND ELEVATIONS WERE DETERMINED FROM RTK GPS OBSERVATIONS MADE ON JANUARY 6, 2019, USING THE CT 807 RTK NETWORK, KNOWN AS ACORN (CTNE BASE), HAVING THE FOLLOWING VALUES:
LATITUDE = N 41° 40' 24.71719"
LONGITUDE = W 72° 42' 52.25248"
ELLIPSOID HEIGHT = 41.7486'

THE FOLLOWING MAP REFERENCES CAN BE FOUND AT THE CONNECTICUT DEPARTMENT OF TRANSPORTATION DISTRICT 1

1. "RIGHT OF WAY MAP, TOWN OF MIDDLEFIELD, MERIDEN-MIDDLETOWN ROAD, FROM THE MIDDLEFIELD TOWN LINE WESTERLY ABOUT 5,000 FEET ROUTE NO. 14" (SHEETS 1-2) SCALE: 1"=40' DATED: OCTOBER 5, 1929 BY: CONNECTICUT STATE HIGHWAY DEPARTMENT.
2. "RIGHT OF WAY MAP, TOWN OF MIDDLEFIELD, MERIDEN-MIDDLETOWN ROAD, FROM BERESOCK LAKE ROAD EASTERLY ABOUT 7,100 FEET, ROUTE NO. 14" (SHEET 3 OF 3) SCALE: 1"=40' DATED: OCTOBER 5, 1933 BY: CONNECTICUT STATE HIGHWAY DEPARTMENT.

APPROXIMATE PROPERTY LINE BASED UPON CLMP 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 THIS SURVEY OTHER THAN THE TREES WITH WIRE AS DEPICTED ON THIS PLAN. BOUNDARY LINE AGREEMENT RECOMMENDED.



AREA
898,845 S.F., 20.59 ACRES (MIDDLEFIELD)
1,124,637 S.F., 25.82 ACRES (MIDDLEFIELD)
2,021,482 S.F., 46.41 ACRES (TOTAL)

SCALE: 1" = 100'



THE FOLLOWING MAP REFERENCES CAN BE FOUND IN THE TOWN OF MIDDLEFIELD LAND RECORDS

- A. "TOWN OF MIDDLEFIELD, MAP SHOWING LAND ACQUIRED FROM JENNIE MAKUCH, RELOCATION OF ROUTE 66" SCALE: 1"=40' DATED: SEPTEMBER 16, 1937 BY THE STATE OF CONNECTICUT.
- B. "TOWN OF MIDDLEFIELD, MAP SHOWING LAND ACQUIRED FROM S.J. CARTELLI, ESQ., TRUSTEE, RELOCATION OF ROUTE 66" SCALE: 1"=40' DATED: AUGUST 1, 1937 BY THE STATE OF CONNECTICUT.
- C. "TOWN OF MIDDLEFIELD AND CITY OF MIDDLETOWN, MAP SHOWING LAND ACQUIRED FROM S.J. CARTELLI, ESQ., TRUSTEE, RELOCATION OF ROUTE 66" SCALE: 1"=40' DATED: AUGUST 1, 1937 BY THE STATE OF CONNECTICUT.
- D. "TOWN OF MIDDLEFIELD - MAP SHOWING EASEMENT ACQUIRED FROM HEIRS OF ADOLF MAKUCH FOR THE RELOCATION OF CONNECTICUT ROUTE 66" SCALE: 1"=40' DATED: AUGUST 1, 1937 BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION.
- E. "TOWN OF MIDDLEFIELD, MAP SHOWING LAND ACQUIRED FROM JENNIE MAKUCH, RELOCATION OF ROUTE 66" SCALE: 1"=40' DATED: JULY, 2001 BY THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION.
- F. "MAP OF A PORTION OF LAND OF FRANK MAKUCH, MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: AUGUST 1, 1931 BY L.F. QUIRK.
- G. "MAP SHOWING LAND TO BE PURCHASED FROM ADOLF MAKUCH AND JENNIE MAKUCH TOWN OF MIDDLEFIELD, CONNECTICUT" SCALE: 1"=100' DATED: JANUARY, 1933 BY THE CONNECTICUT POWER COMPANY.
- H. "MAP SHOWING RIGHT OF WAY ACROSS PROPERTY OF ADOLF MAKUCH AND JENNIE MAKUCH TOWN OF MIDDLEFIELD AND MIDDLETOWN, CONNECTICUT" SCALE: 1"=200' DATED: JANUARY, 1933 BY THE CONNECTICUT POWER COMPANY.
- I. "MAP SHOWING PORTION OF PROPERTY OF FRANK & ANNA MAKUCH PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: AUGUST 29, 1942 BY L.F. QUIRK.
- J. "MAP OF PROPERTY CONVEYED TO ALLEN C. ROBERTS BY FRANK MAKUCH MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: NOVEMBER 30, 1941 BY L.F. QUIRK.
- K. "MAP FOR CONVEYANCE OF A PORTION OF THE FRANK MAKUCH PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: MARCH 1945 BY THOMAS H. SELLEW JR.
- L. "SKETCH SHOWING PORTION OF MARY JARZEBSKI PROPERTY MERIDEN-MIDDLEFIELD ROAD MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: SEPTEMBER 10, 1941 BY L.F. QUIRK.
- M. "MAP OF CONNETTINA S. CARTA PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=30' DATED: MARCH, 1947 BY L.F. QUIRK.
- N. "MAP OF GENEVIEVE J. & CHARLES LOCHOWSKI PROPERTY MIDDLEFIELD AND MIDDLEFIELD, CONNECTICUT" SCALE: 1"=50' DATED: MAY, 1955 BY L.F. QUIRK.
- O. "SKETCH OF PROPERTY OF EDWARD MAKUCH MIDDLEFIELD, CONNECTICUT" DATED: SEPTEMBER 10, 1941 BY L.F. QUIRK.
- P. "TOWN OF MIDDLEFIELD, MAP SHOWING EASEMENT TO BE ACQUIRED FROM ADOLF A. MAKUCH, CLIMBING LANE ON ROUTE U.S. 66" SCALE: 1"=40' DATED: APRIL, 1958 BY THE STATE OF CONNECTICUT.
- Q. "PLAN SHOWING THE DIVISION LINE BETWEEN THE TOWNS MIDDLEFIELD AND MIDDLEFIELD ON THE NORTH SIDE OF MIDDLEFIELD" SCALE: 1"=500' DATE: ILLIGIBLE BY ILLIGIBLE.

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

- AA. "NEW LOCATION OF HIGHWAY LINES FOR PORTION OF BALFALL ROAD MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: 1933 BY LOUIS F. QUIRK.
- BB. "MAP OF SORHIE J. & WALTER GAVLAK PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: APRIL, 1956 BY L.F. QUIRK.
- CC. "SURVEY OF PORTION OF PROPERTY OF ADOLF & JENNIE MAKUCH & LEONARD E. & VIRGINIA N. BIRD AND OTHERS, EAST SIDE OF HIGHWAY ROAD (AIA #11) TOWNS OF MIDDLEFIELD AND MIDDLEFIELD, CONNECTICUT" SCALE: 1"=200' DATED: MAY 20, 1962 BY ILLIGIBLE.
- DD. "MAP OF A PORTION OF MARY JARZEBSKI PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: JUNE 1947 BY L.F. QUIRK.
- EE. "MAP OF A PORTION OF MARY JARZEBSKI PROPERTY MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: JUNE 22, 1971 BY P.F. JACHOWAK.
- FF. "PROPERTY SURVEY LAND OF DEANNA S. GILLS, RICHARD H. BIRDSEY & THOMAS E. BIRDSEY" SCALE: 1"=90' DATED: DECEMBER 18, 1996 BY CONKLIN & SOROKA INC.
- GG. "PROPERTY OF JOHN AND JAMES KOLMAN-HIGBY ROAD MIDDLEFIELD, CONNECTICUT, SUBDIVISION PLAN & SITE DEVELOPMENT PLAN SCALE: 1"=40' DATED: JULY, 10, 1992 BY ILLIGIBLE.
- HH. "MAP SHOWING EASEMENT TO BE ACQUIRED FROM JOHN F. KOLMAN, JR. & JAMES KOLMAN, HIGBY ROAD MIDDLEFIELD, CONNECTICUT" SCALE: 1"=40' DATED: MARCH, 1999 BY GREENBERG.
- I. "RESUBDIVISION MAP, LAND OF DEANNA S. GILLS, RICHARD H. BIRDSEY & THOMAS E. BIRDSEY" SCALE: 1"=90' DATED: JULY 1, 1998 BY CONKLIN & SOROKA INC.

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

DEAN MARTIN
LICENSE NO. 70147

THIS DOCUMENT AND COPIES HEREOF ARE VALID ONLY IF THEY BEAR THE SIGNATURE AND EXPIRATION DATE OF THE SURVEYOR LICENSED HEREON. UNAUTHORIZED ALTERATIONS TO THIS PLAN VIOLATE THE PROFESSIONAL ETHICS AND CAN BE PENALIZED.

- LEGEND:
- IRON PIN (FOUND)
 - Rebar/DIT Hole (To Be Set)
 - MONUMENT (FOUND)
 - MANHOLE
 - DRAINAGE MANHOLE
 - SANITARY MANHOLE
 - ELEC. MANHOLE
 - TELE. MANHOLE
 - "C" CATCH BASIN
 - "C-L" CATCH BASIN
 - DECIDUOUS TREES
 - EVERGREEN TREES
 - SHRUB/SUSH
 - 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
 - A.C. UNIT
 - BUTTON BOX
 - TRAFFIC LIGHT POLE

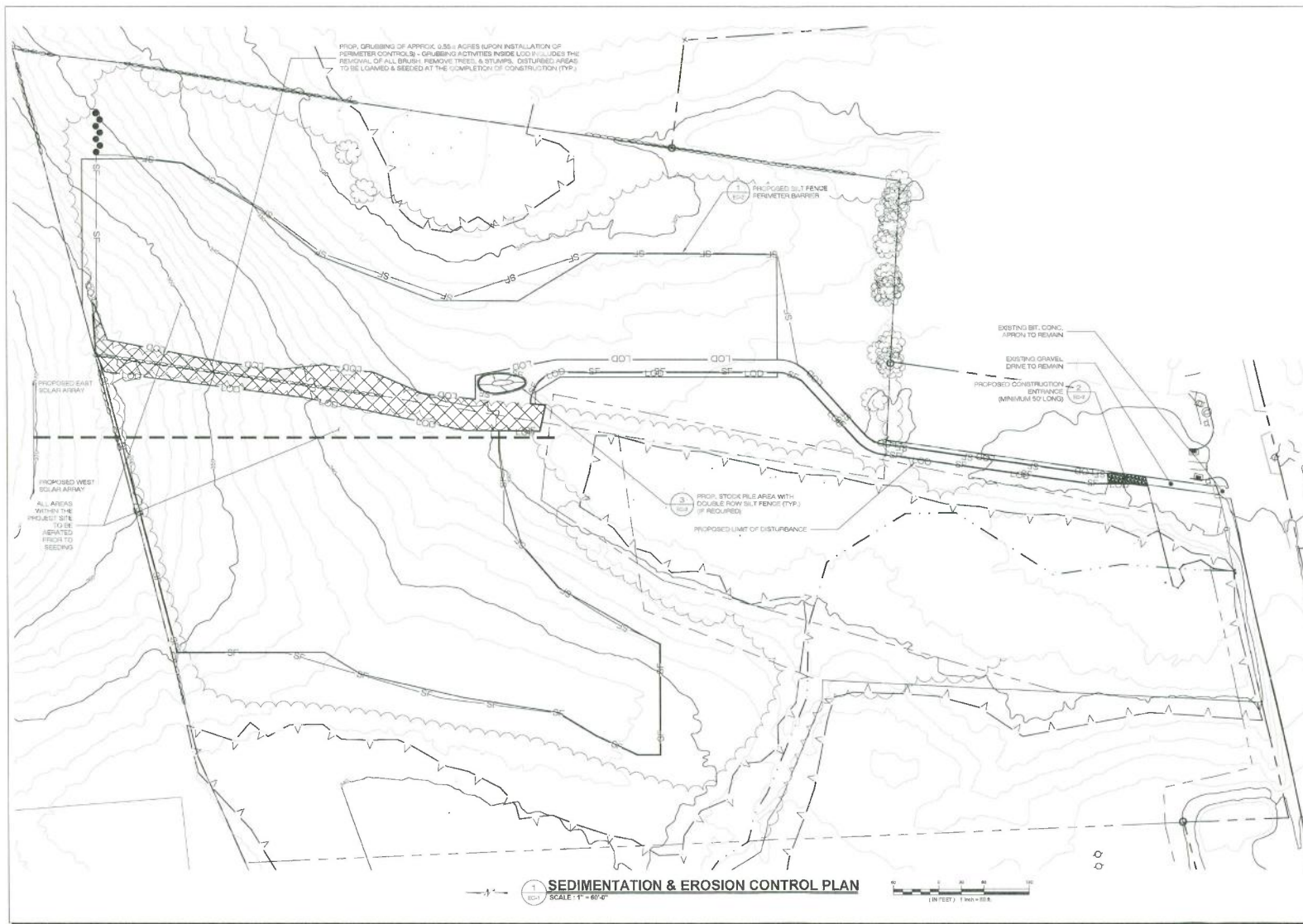
- BOUNDARY LINE
- GUARD RAIL
- UNDERGROUND PIPING (See Note)
- U/G GAS LINE
- U/G ELEC. LINE
- WATER LINE
- OVERHEAD UTILITIES
- U/G TELE. LINE
- CHAIN LINK FENCE
- TREE LINE

M Martin
Surveying Associates, LLC
201 CHRISTIAN LANE, BERLIN, CT 06037
860-432-9328 860-357-4504 (FAX)

REVISIONS:

PROPERTY SURVEY
LAND OF
ANN CHARTON & BARBARA PENNY
MERIDEN-MIDDLEFIELD ROAD (A/K/A CT RT 66)
&
HIGBY ROAD & MIDDLEFIELD, CONNECTICUT

MSA PROJECT NO: 16-119
SCALE: 1"=100'
DATE: 03/20/19
DRAWN BY: D.S.D.
CHECKED BY: D.S.M.
SHEET
1 OF 1



CITRINE
55 GREENS FARMS ROAD
WESTPORT, CT 06880
OFFICE: (203)-557-5554

**ALL-POINTS
TECHNOLOGY CORPORATION**
3 SADDLEBROOK DRIVE PHONE (860)-863-1887
MILFORD, CT 06455 FAX (860)-863-0805
WWW.ALLPOINTSTECH.COM

PERMITTING	
NO.	DATE REVISION
1	5/28/19 FOR CSC REVIEW: BJP
2	4/24/19 REVISED PER REVIEW: RAG
3	4/29/19 FOR FINAL REVIEW: BJP
4	4/10/19 FOR CSC SUBMISSION: RAG
5	
6	

DESIGN PROFESSIONAL OF RECORD

PROF. BRADLEY J. PARSONS P.E.
COMP. ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
MILFORD, CT 06455

OWNER: BARBARA J. PENNEY & ANN CHARLTON
ADDRESS: 44 CHELSEA DRIVE
CROMWELL, CT 06416

MIDDLETOWN/MIDDLEFIELD

SITE: MERDEN ROAD (ROUTE 84)
ADDRESS: MIDDLEFIELD, CT 06455
APT FILING NUMBER: CT87100

DATE: 05/26/19 DRAWN BY: RAG
CHECKED BY: BJP

SHEET TITLE:

SEDIMENTATION & EROSION CONTROL PLAN

SHEET NUMBER:

EC-1

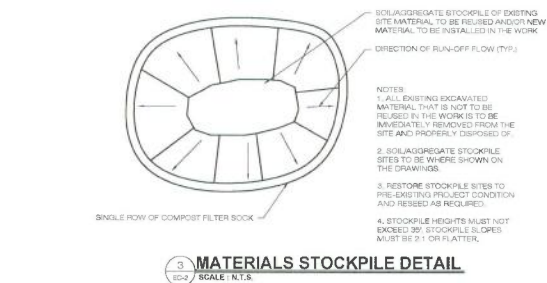
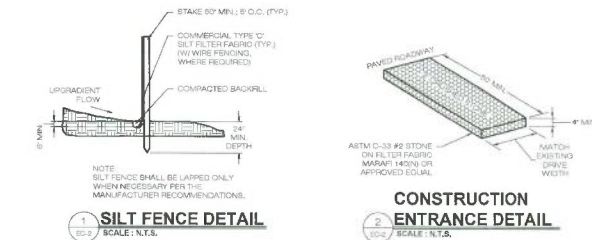
EROSION AND SEDIMENT CONTROL PLAN NOTES

EROSION AND SEDIMENT CONTROL PLAN NOTES

- [illegible]

SEDIMENT & EROSION CONTROL NARRATIVE

- THE PROJECT INVOLVES THE CONSTRUCTION OF A GROUND MOUNTED SOLAR PANEL FACILITY WITH ASSOCIATED EQUIPMENT, INCLUDING THE CLEARING, GRUBBING AND GRADING OF APPROXIMATELY 0.63 ACRES OF DISTURBED LOT.
- THE PROPOSED PROJECT INVOLVES THE FOLLOWING CONSTRUCTION:
- A. CLEARING, GRUBBING, AND GRADING OF EXISTING LOT.
 - B. CONSTRUCTION OF 1,000 GROUND MOUNTED SOLAR PANELS AND ASSOCIATED EQUIPMENT.
 - C. THE STABILIZATION OF DISTURBED AREAS WITH PERMANENT GRASS TREATMENTS.
- FOR THIS PROJECT, THERE ARE APPROXIMATELY 0.9% AREA OF THE SITE BEING DISTURBED WITH NEGLIGIBLE INCREASE IN THE IMPERVIOUS AREA OF THE SITE, AS ALL EXCESS THROUGH THE SITE WILL BE GRAVEL. IMPERVIOUS AREAS ARE LIMITED TO THE CONCRETE PADS FOR ELECTRICAL EQUIPMENT.
- THE PROJECT SITE, AS MAPPED IN THE SOIL SURVEY OF MOOREHEAD COUNTY (SCS 1978), CONTAINS TYPE C



CITRINE

55 GREENS FARMS ROAD
WESTPORT, CT 06880
OFFICE: (203)-557-5554



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KILLINGWORTH, CT 06419 FAX (860)-663-0935
WWW.ALLPOINTSTECH.COM

PERMITTING

NO	DATE	REVISION
0	3/29/19	FOR CSC REVIEW: BJP
1	4/04/19	REVISED PER REVIEW: RAG
2	4/08/19	FOR FINAL REVIEW: BJP
3	4/10/19	FOR CSC SUBMISSION: RAG
4		
5		
6		

CONSTRUCTION ENTRANCE DETAIL

SCALE: N.T.S.

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: BARBARA J. PENNEY
& ANN CHARLTON
ADDRESS: 41 CHELSEA DRIVE
CROMWELL, CT 06416

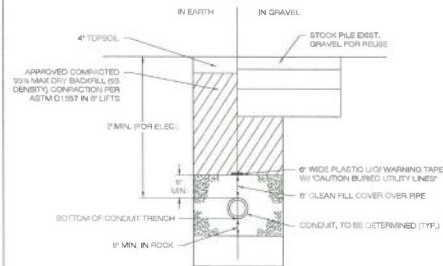
MIDDLETOWN/MIDDLEFIELD

SITE		MERIDEN ROAD (ROUTE 66)	
ADDRESS:		MIDDLEFIELD, CT 06455	
APT FILING NUMBER: CT567100			
		DRAWN BY: RAG	
DATE: 03/29/18		CHECKED BY: BJP	

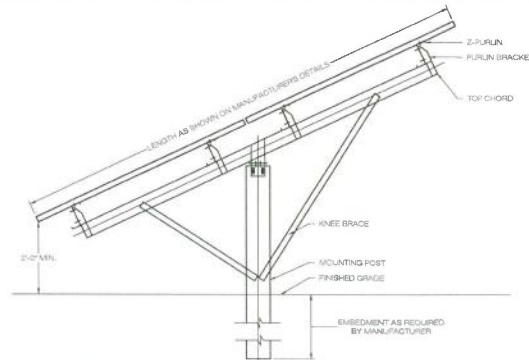
SHEET TITLE:
**SEDIMENTATION &
EROSION CONTROL PLAN
NOTES**

SHEET NUMBER:

EC-2

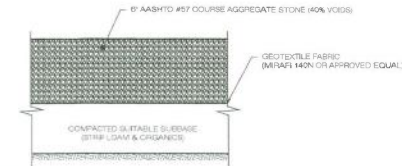


1 ELECTRICAL TRENCH DETAIL
SCALE: N.T.S.



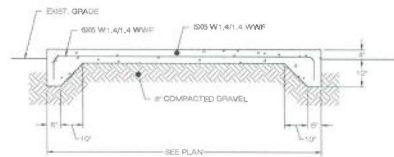
NOTES:
SEE MANUFACTURERS DETAIL SHEETS FOR ADDITIONAL INFORMATION REGARDING RACKING SYSTEM REQUIREMENTS AND INSTALLATION PROCEDURES. RACKING SYSTEM TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.

2 TYPICAL POST MOUNTED RACKING SYSTEM
SCALE: N.T.S.

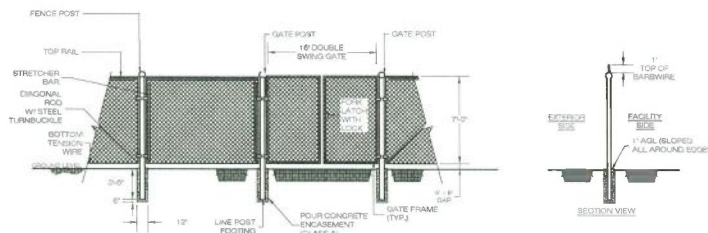


NOTES:
1. SUBBASE MAY CONSIST OF NATIVE MATERIALS IF FOUND ACCEPTABLE BY THE ENGINEER. SUBBASE TO BE COMPACTED TO 95% MAX. DRY DENSITY.
2. SUBBASE IS TO BE FREE FROM DEBRIS AND UNSUITABLE MATERIALS.

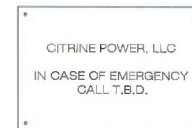
3 GRAVEL ACCESS DRIVE SECTION
SCALE: N.T.S.



4 CONCRETE EQUIPMENT PAD
SCALE: N.T.S.

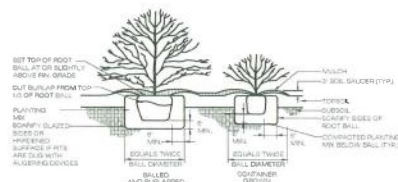


5 CHAIN-LINK FENCING & GATE DETAIL
SCALE: N.T.S.



NOTES:
EMERGENCY CALL NUMBER TO BE PROVIDED ONCE DETERMINED.

6 NOTIFICATION SIGN DETAIL
SCALE: N.T.S.



NOTE:
FURNISHES OF HARD PLANTING CONTINUOUSLY EXHIBITS AND SALES ENTIRE BED.

7 EVERGREEN TREE PLANTING
SCALE: N.T.S.

CITRINE
55 GREENS FARMS ROAD
WESTPORT, CT 06880
OFFICE: (203)-857-5554

ALL-POINTS
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PERMITTING	
NO.	DATE / REVISION
1	3/28/19 FOR CSC REVIEW: BJP
2	4/24/19 REVISED PER REVIEW: RAG
3	4/28/19 FOR FINAL REVIEW: BJP
4	4/10/19 FOR CSC SUBMISSION: RAG
5	
6	

DESIGN PROFESSIONAL OF RECORD
PROF. BRADLEY J. PARSONS P.E.
CORP. ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
HILLINGWORTH, CT 06035
OWNER: BARBARA J. PENNEY & ANN CHARLTON
ADDRESS: 41 CHELSEA DRIVE
CROMWELL, CT 06415

MIDDLETOWN/MIDDLEFIELD
SITE: MERIDEN ROAD (ROUTE 84)
ADDRESS: MIDDLEFIELD, CT 06458
APT. FILING NUMBER: CTR19109
DATE: 03/28/19 CHECKED BY: BJP

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:
DN-1

1. ALL CONSTRUCTION SHALL COMPLY WITH PROJECT DEVELOPER STANDARDS, CITY OF MIDDLETOWN AND TOWN OF MIDDLEFIELD STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND ANY OTHER STANDARDS INCREASING HEREAFTER. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT STANDARD SHALL PREVAIL.
2. IF NO PROJECT CONSTRUCTION SPECIFICATION PACKAGE IS PROVIDED BY THE PROJECT DEVELOPER OR THEIR REPRESENTATIVE, THE CONTRACTOR SHALL COMPLY WITH THE CITY OF MIDDLETOWN AND TOWN OF MIDDLEFIELD STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND ANY STANDARDS INCREASING HEREAFTER.
3. THE PROJECT DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING AND PERMITTING INFORMATION FROM THE CITY OF MIDDLETOWN AND TOWN OF MIDDLEFIELD. THE CONTRACTOR SHALL OBTAIN ALL CITY OF MIDDLETOWN AND TOWN OF MIDDLEFIELD PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
4. 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 DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL SITE CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL SITE CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL SITE CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL SITE CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO COMMENCING CONSTRUCTION.
5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS, MATERIALS PERMITS AND INSURANCE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS, MATERIALS PERMITS AND INSURANCE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS, MATERIALS PERMITS AND INSURANCE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS, MATERIALS PERMITS AND INSURANCE PRIOR TO CONSTRUCTION.
6. IF ANY UNKNOWN OR INCORRECTLY LOCATED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE PROJECT DEVELOPER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
7. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY THE PROJECT DEVELOPER. IF ANY EXISTING UTILITIES ARE DAMAGED OR DESTROYED, THE PROJECT DEVELOPER HAS BEEN AUTHORIZED IN WRITING BY THE PROJECT DEVELOPER AND THE CITY OF MIDDLETOWN AND TOWN OF MIDDLEFIELD TO OBTAIN NECESSARY PERMITS AND INTERUPTION SERVICE HAS BEEN PROVIDED.
8. THE CONTRACT LINE IS THE PROPERTY LINE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
9. THE CONTRACTOR SHALL ABIDE BY ALL CITY, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING EROSION, SEDIMENT, LANDSCAPED AREAS OR SEDIMENT CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND INTERUPTION SERVICE HAS BEEN PROVIDED.
10. THE CONTRACTOR SHALL COMPLY WITH CISHA OR 23P PART 1526 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
11. THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EMPLOYING THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION AND INSURANCE TO BE EMPLOYED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EMPLOYING THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION AND INSURANCE TO BE EMPLOYED.
12. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, CONDUIT, EXCAVATION, EROSION, SEDIMENT, LANDSCAPED AREAS OR SEDIMENT CONTROL CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER AS APPROVED BY THE PROJECT DEVELOPER OR TOWN.
13. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONTRIBUTION INCLUDING ALL EXISTING UTILITIES AND DRAINAGE STRUCTURES.
14. ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER, ENGINEER, AND APPROPRIATE AGENCY PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.
15. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO ANY EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO ANY EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO ANY EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS.
16. THE CONTRACTOR SHALL GIVE 24 HOURS BEFORE COMMENCEMENT OF WORK AT 9:01 AM AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATION.
17. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLAN, SPECIFICATIONS, AND BIDDING DOCUMENTS IS OBTAINED FROM THE PROJECT DEVELOPER.

THE SURVEY WAS PROVIDED BY MARTIN SURVEYING ASSOCIATES, LLC., DATED 3/2019.

2. THERE ARE WETLANDS LOCATED ON THE SITE AS POINTED OUT ON THE PLANS, THE BOUNDARIES WERE FLAGGED AND LOCATED BY ALL FIELDS TECHNOLOGY CORP. JANUARY 2019.

3. THERE WILL BE MANUAL GRADING ON THE SITE IN THE AREAS OF THE MUDFLAT CLEARING, TO ENSURE THAT PROPER DRAINAGE IS MAINTAINED.

THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SCHEDULE OF CONSTRUCTION NOTICES PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR REVIEW BY THE DISTRICT ENGINEER OF THE ADVISORY BOARD OF CONSTRUCTION. AT THE START OF CONSTRUCTION, ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.

4. PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL AS TO PREVENT THE SETTING OF ANY WATERCOURSE OR WETLANDS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. IN ADDITION, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY THE DISTRICT ENGINEER AND ANY AGENCIES WHICH WILL GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.

5. ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION SPECIFICATIONS FOR EARTHWORK AND STORM DRAINAGE WORK SHALL CONFORM TO THE SPECIFICATIONS FOR EARTHWORK AND STORM DRAINAGE WORK OF THE ADVISORY BOARD OF CONSTRUCTION. OTHERWISE THIS WORK SHALL CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION AND HIGHWAYS (DOT) SPECIFICATIONS FOR EARTHWORK. THERE IS NO PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND UNDER PAVEMENT SHALL BE COMPACTED IN LIFTS OF 9 INCHES OF THE MAXIMUM DRY DENSITY PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ADVISORY BOARD OF CONSTRUCTION. ALL FILL MATERIAL BY AN ENGINEER, MATERIAL SHALL BE COMPACTED IN LIFTS OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 AT 95% PERCENT OF OPTIMUM MOISTURE CONTENT.

6. ALL DISTURBANCE INCURRED BY FEDERAL, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF MIDDLETOWN, THE TOWN OF MIDDLEBURY, OR THE STATE OF CONNECTICUT.

7. IMPACTED CONTAMINATED AREAS, IS ENGINEERED BY THE CONTRACTOR. THE CONTRACTOR SHALL, BEFORE BEGINNING WORK OF IMPACTED AREAS, AND NOTIFY THE PROJECT DEVELOPER AND PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT AND PRESIDENT OF THE PROJECT DEVELOPER AND PROJECT DEVELOPERS LOCAL BOARD. FURTHER INSTRUCTION BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS.

[illegible]

CITRINE 55 GREENS FARMS ROAD WESTPORT, CT 06880 OFFICE: (203)-557-5554	
ALL-POINTS TECHNOLOGY CORPORATION 3 SADDLEBROOK DRIVE PHONE: (860)-863-4100 ALLINDORPT, CT 06419 FAX: (860)-863-4100 WWW.ALLPOINTS-TECH.COM	
(PROJECT INFO)	
NO	DATE REVISION
0	3/26/19 FOR CSC REVIEW: B.J.P.
1	4/04/19 REVIEWED FOR REVIEW: R.A.
2	4/03/19 FOR FINAL REVIEW: B.J.P.
3	4/11/19 FOR CSC SUBMISSION: R.A.
4	
5	
6	
(DESIGN PROFESSIONAL OF RECORD)	
PROF: BRADLEY J. PARSONS P.E. COMP: ALL-POINTS TECHNOLOGY CORPORATION ADD: 3 SADDLEBROOK DRIVE NELLINGWOOD, CT 06419 OWNER: BARBARA J. PENNEY 2 ANN CHARLTON ADDRESS: 10 CHURCH BLVD CROMWELL, CT 06415	
(MIDDLETOWN/MIDDLEFIELD)	
SITE: MERRICK ROAD (ROUTE 69) ADDRESS: MIDDLEFIELD, CT 06485 APT FILING NUMBER: CT067109	
DATE: 03/29/19	DRAWN BY: RAG CHECKED BY: R.A.
SHEET TITLE:	
SITE NOTES	
SHEET NUMBER:	
DN-2	