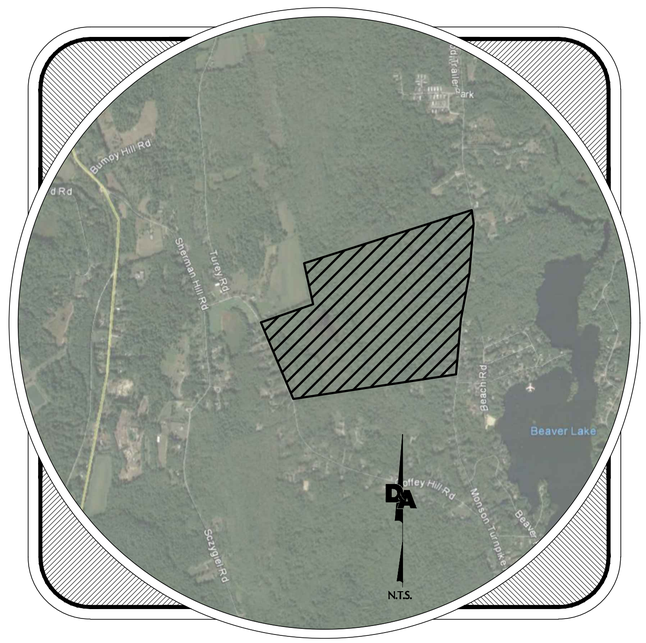
Permit Drawings
for
PV Array
Monson Turnpike Road
Ware, MA

SITE INDEX

NO.	DRAWING TITLE	LATEST ISSUE
C-1	Cover Sheet	8/20/2018
C-2.1	Key Map	8/20/2018
C-2.2	Overall Site Plan	8/20/2018
C-3.1	Site Plan	8/20/2018
C-3.2	Grading & Utility Plan	8/20/2018
C-4.1	Site Plan	8/20/2018
C-4.2	Grading & Utility Plan	8/20/2018
C-5.1	Site Plan	8/20/2018
C-5.2	Grading & Utility Plan	8/20/2018
C-6.1	Site Plan	8/20/2018
C-6.2	Grading & Utility Plan	8/20/2018
C-7.1	Site Plan	8/20/2018
C-7.2	Grading & Utility Plan	8/20/2018
C-8.1	Site Plan	8/20/2018
C-8.2	Grading & Utility Plan	8/20/2018
C-9.1	Site Plan	8/20/2018
C-9.2	Grading & Utility Plan	8/20/2018
C-10.1	Site Plan	8/20/2018
C-10.2	Grading & Utility Plan	8/20/2018
C-11	Details	8/20/2018
C-12	Details	8/20/2018
C-13	Erosion Control Plan	8/20/2018

ATTACHMENTS

NO.	DRAWING TITLE	LATEST ISSUE
1	Existing Conditions Survey	12/1/2006



VICINITY MAP

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Austin, Texas · Gonzales, Texas · Easthampton, Massachusetts
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REVISIONS:

NO.	DESCRIPTION	REVISION DATE

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Phone: (413) 203-2349
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Ecos Energy LLC.

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	N.T.S.
Designed by:	SPC
Drawn by:	SPC
Reviewed by:	LAR
Date:	August 3, 2018

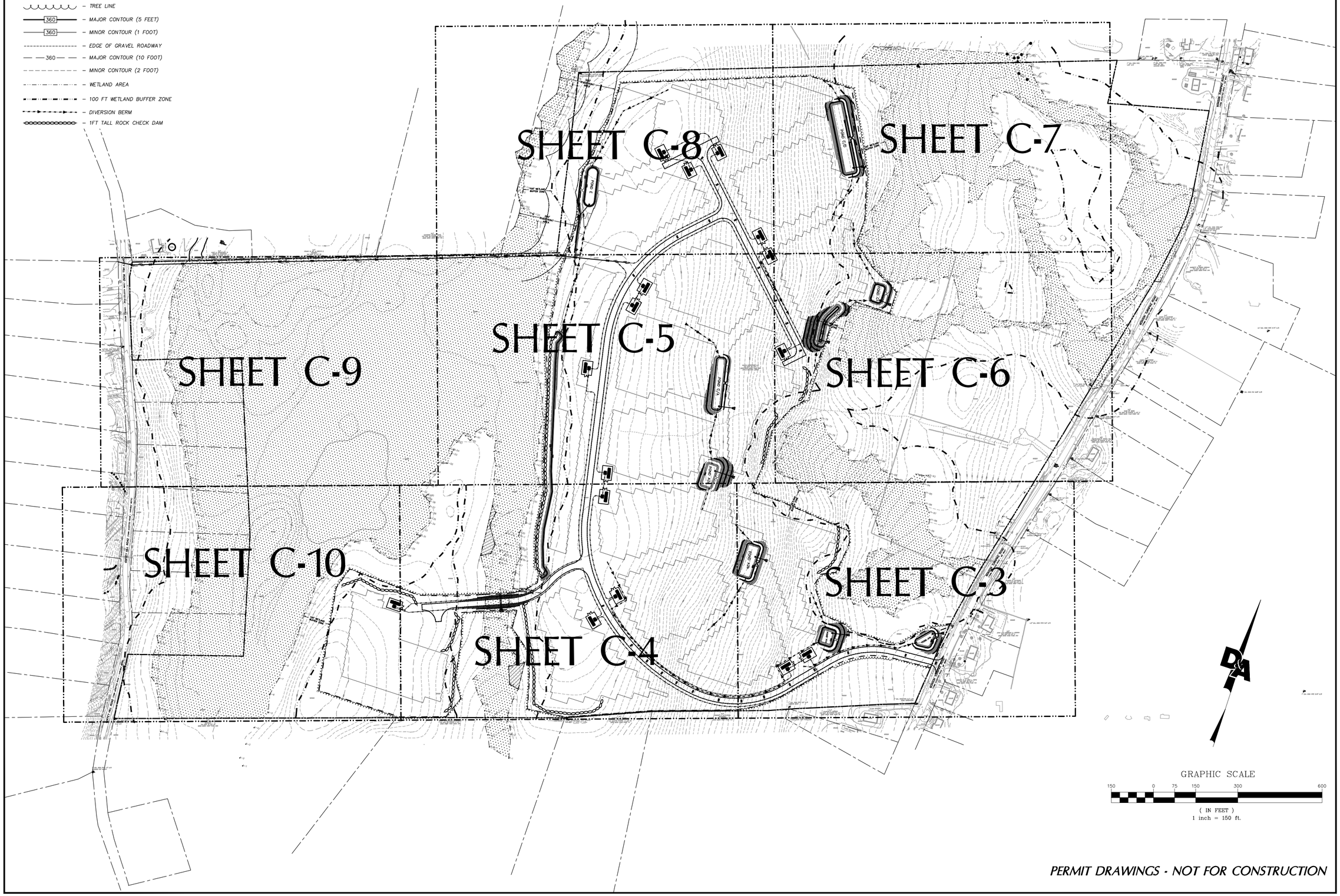
SHEET
C-1
1 OF 22

Project No.:
1700-003

Plot Date/Time: Aug. 20, 18 - 11:56:31

LEGEND

- PROPERTY LINE
- SHEET MATCH LINE
- CHAIN LINK FENCE
- TREE LINE
- 360 — MAJOR CONTOUR (5 FEET)
- 360 — MINOR CONTOUR (1 FOOT)
- EDGE OF GRAVEL ROADWAY
- 360 — MAJOR CONTOUR (10 FOOT)
- MINOR CONTOUR (2 FOOT)
- WETLAND AREA
- 100 FT WETLAND BUFFER ZONE
- DIVERSION BERM
- 1FT TALL ROCK CHECK DAM



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NO.	DATE	REVISION	APP.
6			
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Key Map

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47684
REGISTERED PROFESSIONAL ENGINEER

8-20-2018

Scale:	1" = 150'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-2.1
2 OF 22

Project No:
1700-003

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Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:54:58
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LEGEND

- PROPERTY LINE
- SHEET MATCH LINE
- TREE LINE
- 360 — MAJOR CONTOUR (5 FEET)
- 360 — MINOR CONTOUR (1 FOOT)
- EDGE OF GRAVEL ROADWAY
- 360 — MAJOR CONTOUR (10 FOOT)
- MINOR CONTOUR (2 FOOT)
- WETLAND AREA
- 100 FT WETLAND BUFFER ZONE
- DIVERSION BERM
- 1FT TALL ROCK CHECK DAM

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6			
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Overall Site Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

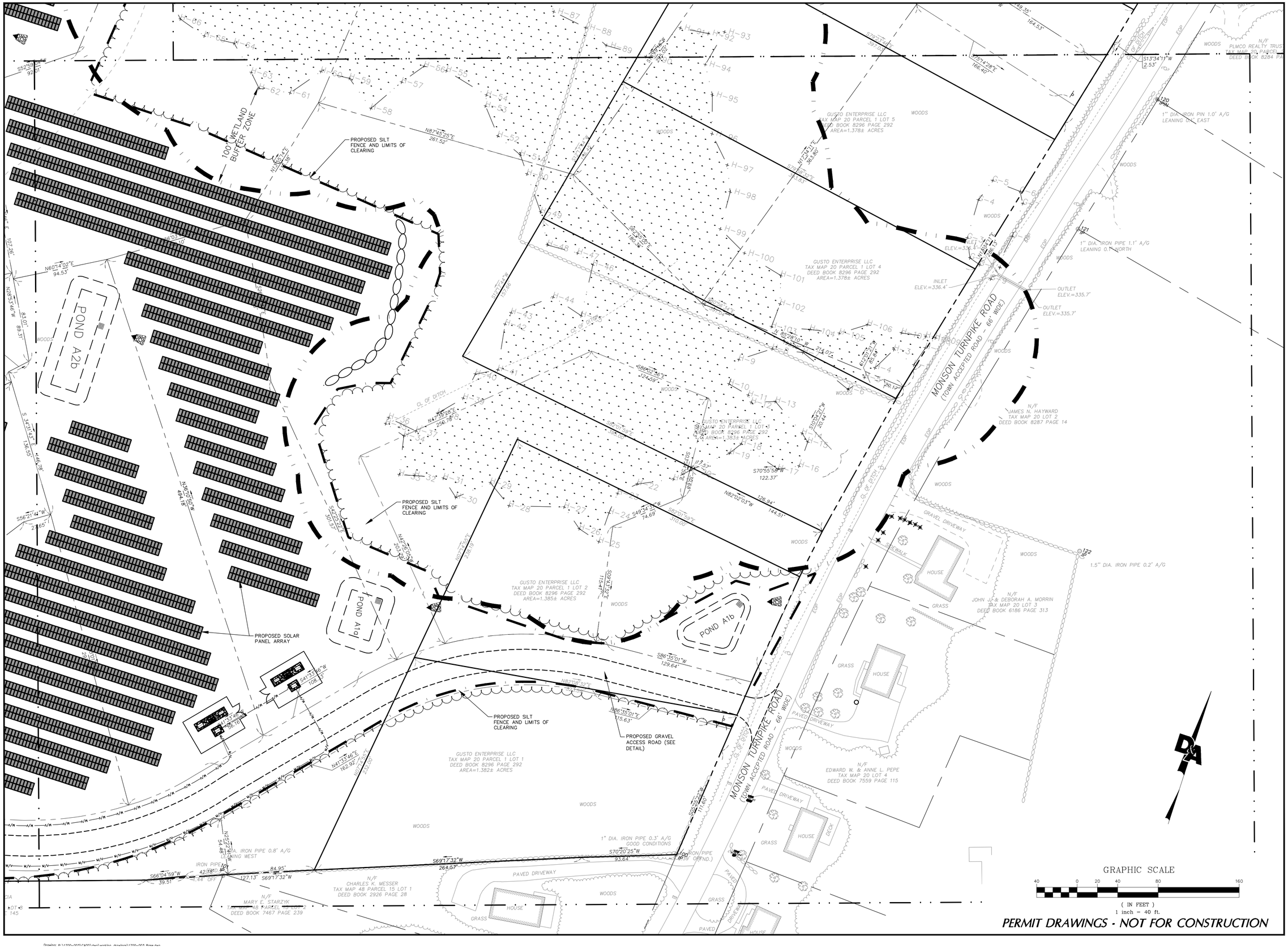
COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47684
REGISTERED PROFESSIONAL ENGINEER

8-20-2018

Scale:	1" = 150'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-2.2
3 OF 22

Project No:
1700-003



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NO.	DATE	REVISION	APP.
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Site Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

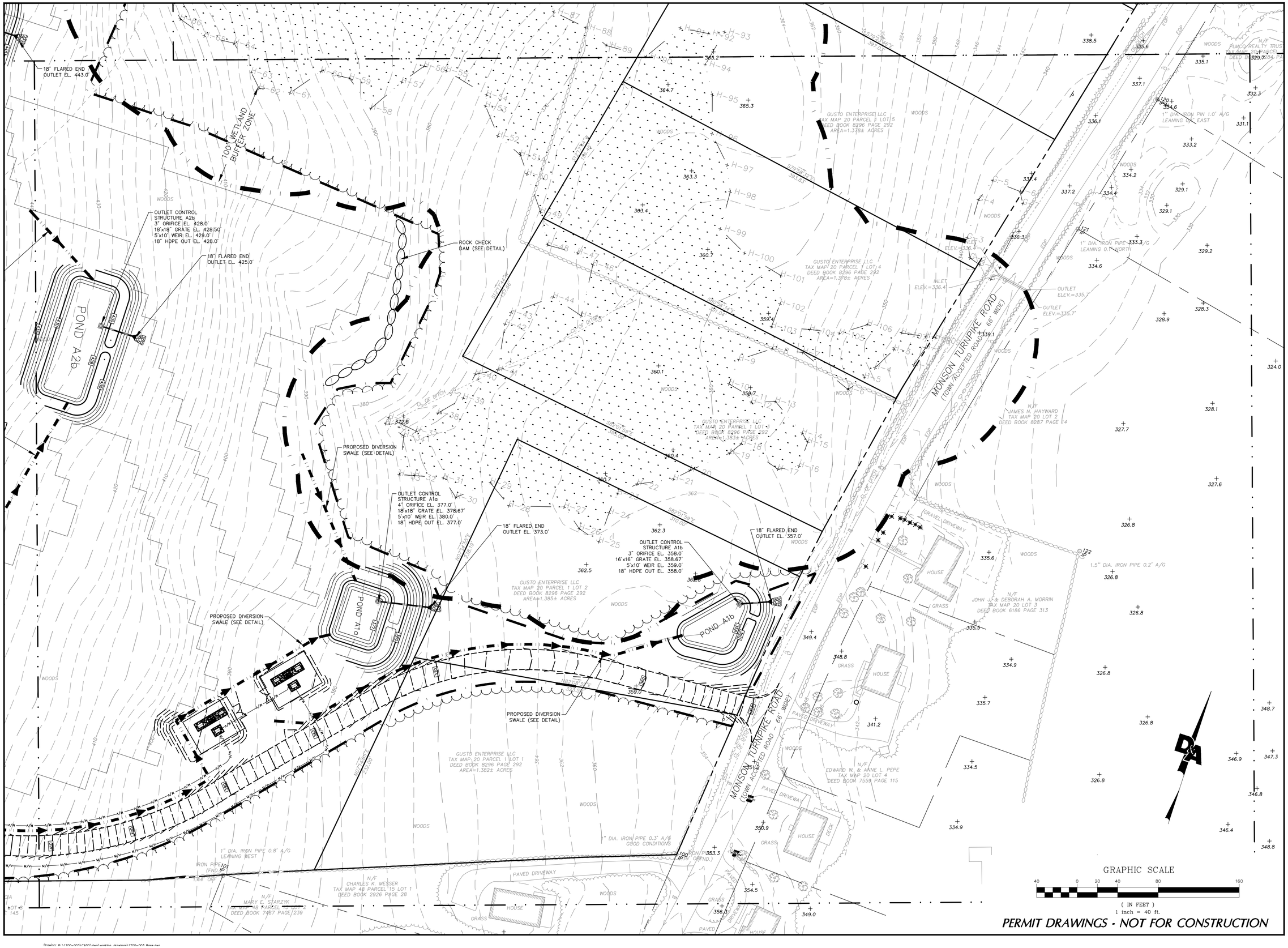
COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-3.1
4 OF 22

Project No.:
1700-003

Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:53:27



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NO.	DATE	REVISION	APP.
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Grading & Utility Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
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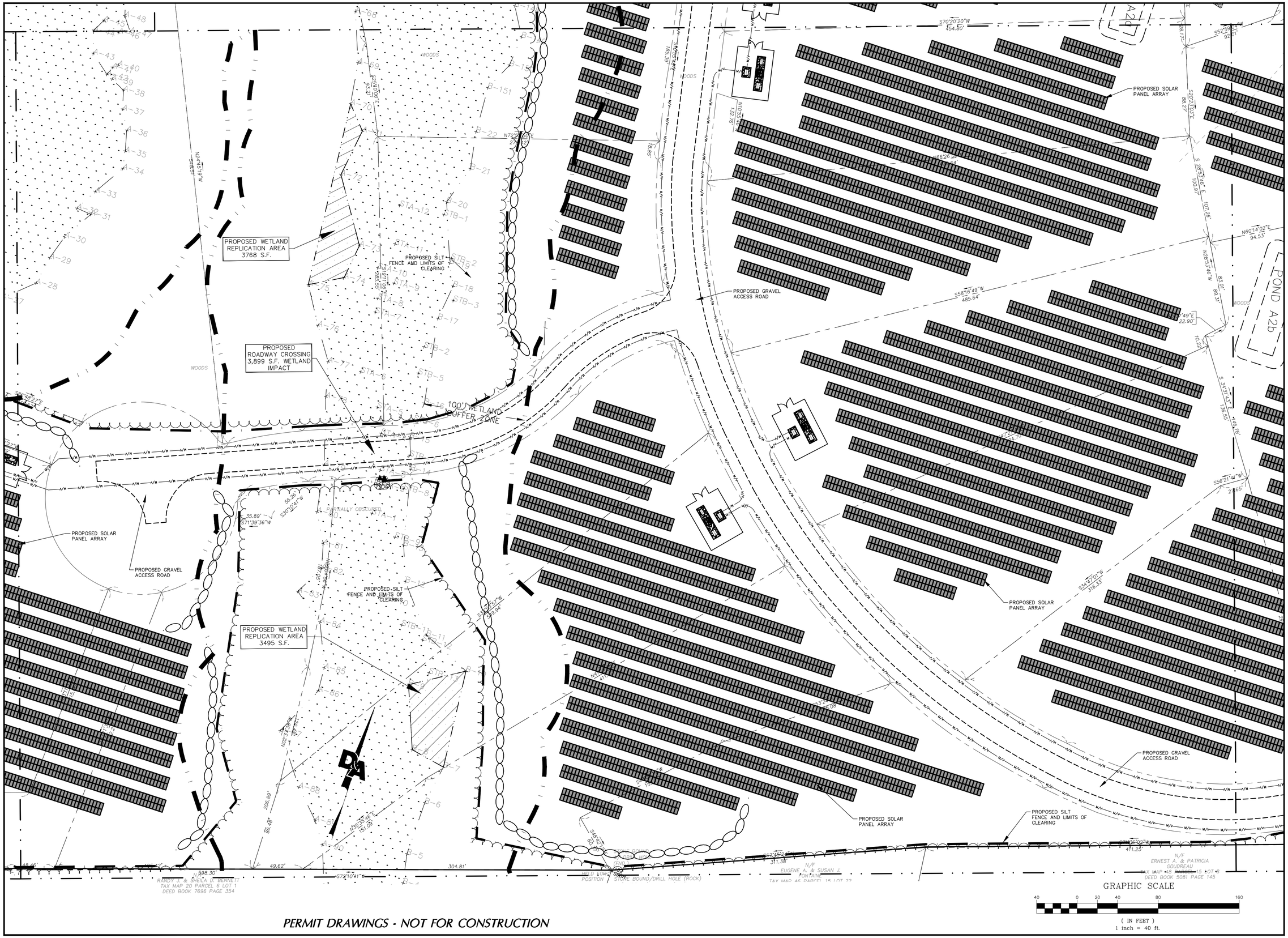
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-3.2
5 OF 22

Project No.:
1700-003



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Site Plan

Ecos Energy, LLC

Solar Development

Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47684
REGISTERED PROFESSIONAL ENGINEER

8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET

C-4.1

6 OF 22

Project No.: 1700-003

Last Modified: Aug. 20, 18 - 11:41
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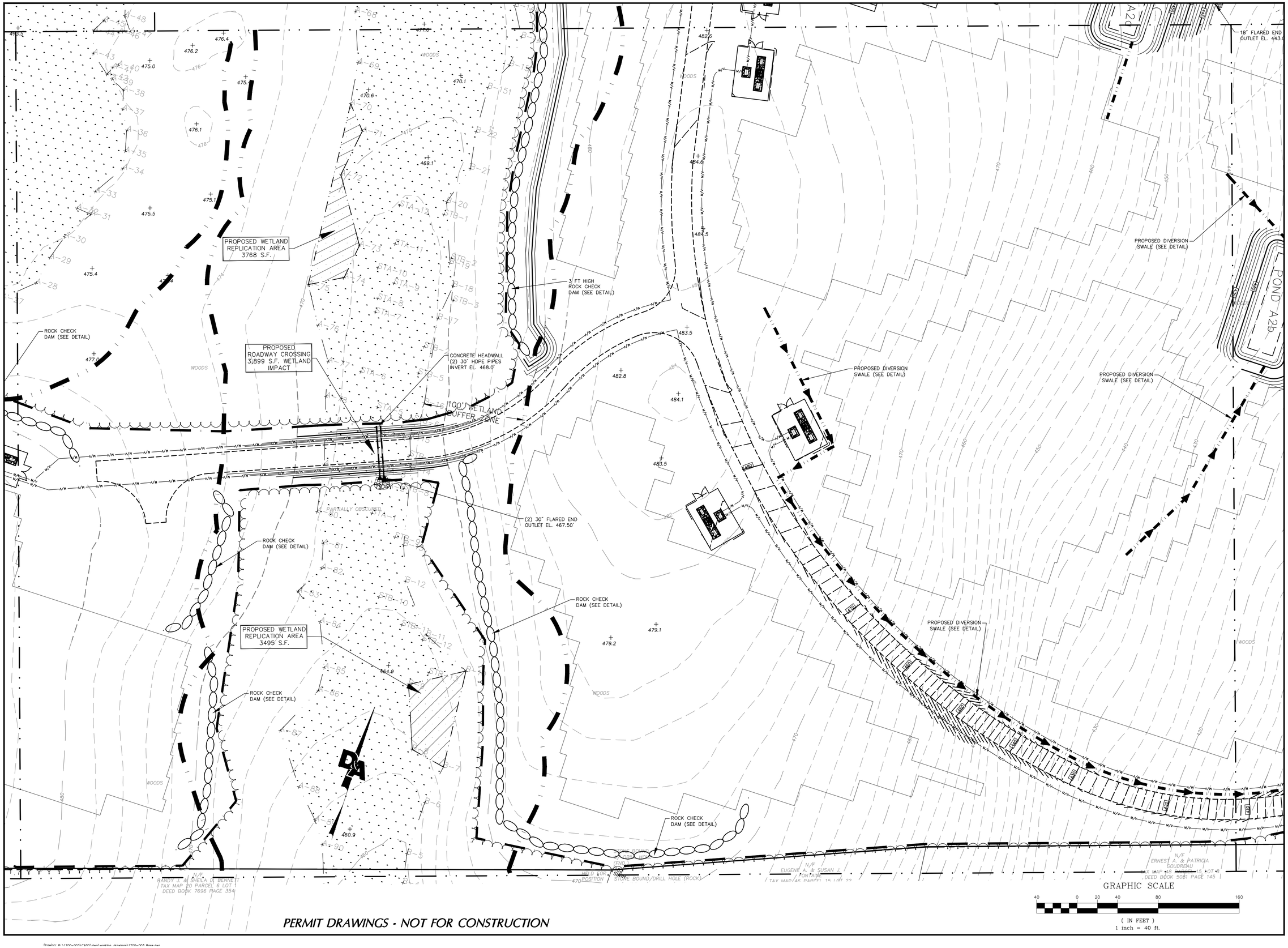

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Grading & Utility Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-4.2
7 OF 22

Project No.:
1700-003

Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:51:58

PROPOSED SOLAR PANEL ARRAY
PROPOSED SILT FENCE AND LIMITS OF CLEARING
PROPOSED GRAVEL DRIVEWAY
POND C/A
POND A2P
WOODS
PARTIALLY OBSCURED
S73°36'30"W 691.37'
N73°36'30"E 423.19'
N72°12'41"E 666.20'
S73°36'30"W 417.85'
S70°20'20"W 454.50'
N73°39'51"E 180.34'
S78°27'26"E 388.33'
S19°27'18"W 123.59'
S27°20'18"W 89.97'
N76°32'03"E
S76°32'03"W 100.99'
N16°27'30"W 145.70'
S19°46'12"E 128.17'
S05°18'12"E 160.82'
S67°59'35"E 93.01'
N16°27'30"W 48.89'
N10°55'46"W 162.87'
N18°52'01"W 150.07'
S10°55'46"E 150.58'
S10°55'46"E 185.39'
S10°55'46"E 170.48'
S10°55'46"E 159.62'
N73°36'30"E 174.89'
S78°56'25"W 342.28'
N18°52'01"W 136.96'
N73°36'30"E 120.19'
N73°36'30"E 517.16'
N73°36'30"E 151.12'
N70°53'04"E 244.94'
N17°43'21"E 284.03'
N43°42'30"W 82.00'
S24°46'02"E 94.61'
S24°46'02"E 155.66'
S24°46'02"E 160.82'
S24°46'02"E 93.01'
S24°46'02"E 128.17'
S24°46'02"E 128.26'
S24°46'02"E 156.43'
S24°46'02"E 97.41'
S24°46'02"E 48.89'
S24°46'02"E 162.87'
S24°46'02"E 150.07'
S24°46'02"E 150.58'
S24°46'02"E 185.39'
S24°46'02"E 170.48'
S24°46'02"E 159.62'
S24°46'02"E 136.96'
S24°46'02"E 151.12'
S24°46'02"E 342.28'
S24°46'02"E 517.16'
S24°46'02"E 174.89'
S24°46'02"E 120.19'
S24°46'02"E 423.19'
S24°46'02"E 666.20'
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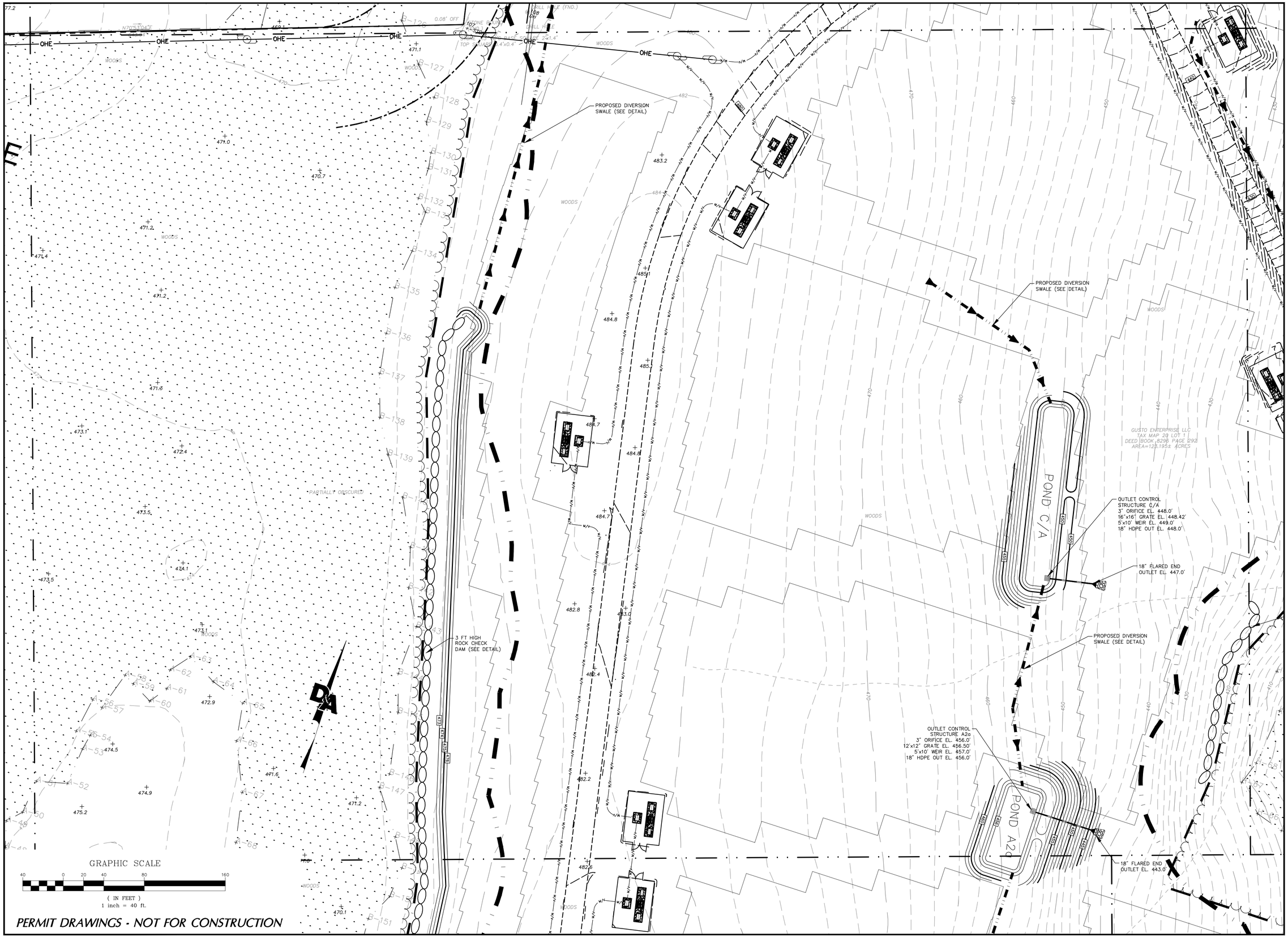
S24°46'02"E 244.94'
S24°46'02"E 284.03'
S24°46'02"E



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Grading & Utility Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

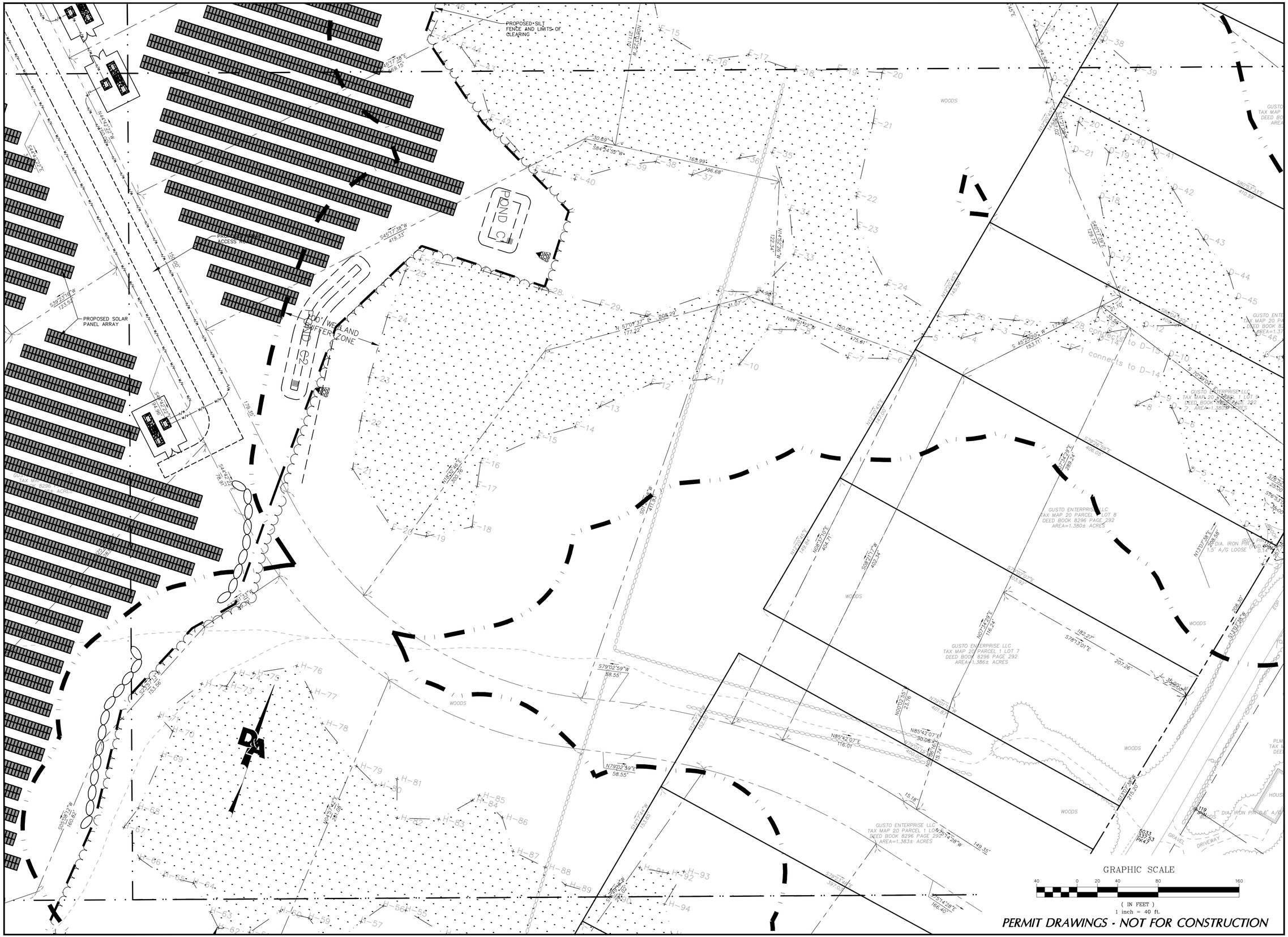
COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-5.2
9 OF 22

Project No.:
1700-003

Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:55:04



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6			
5			
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Site Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
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REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
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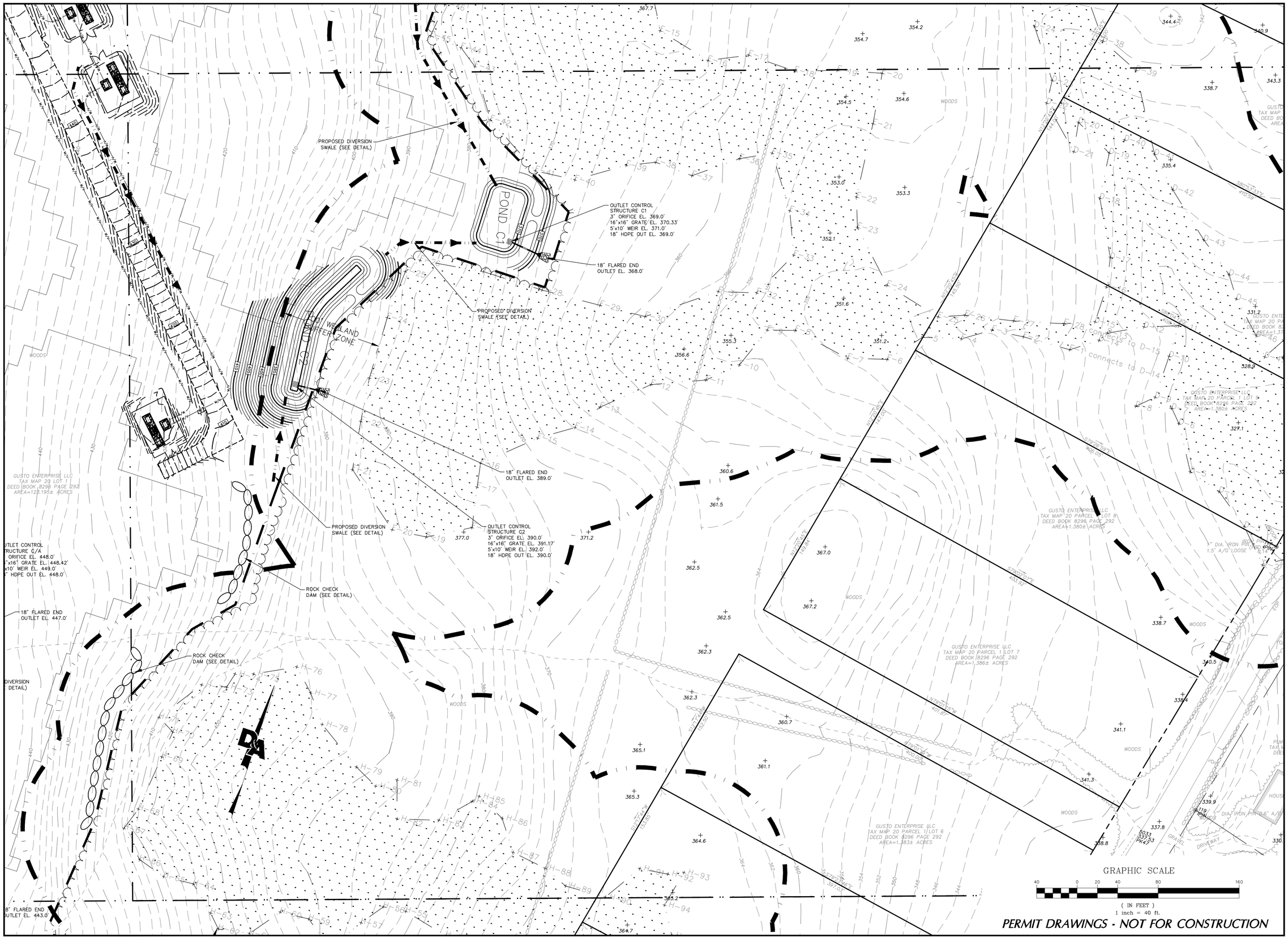
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-6.1
10 OF 22

Project No.:
1700-003



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Grading & Utility Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. FUSCHINI
CIVIL
No. 47684
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
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Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-6.2
11 OF 22

Project No.:
1700-003

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NO.	DATE	REVISION	APP.
6			
5			
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Site Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

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LAWRENCE A. RUSIECKI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER

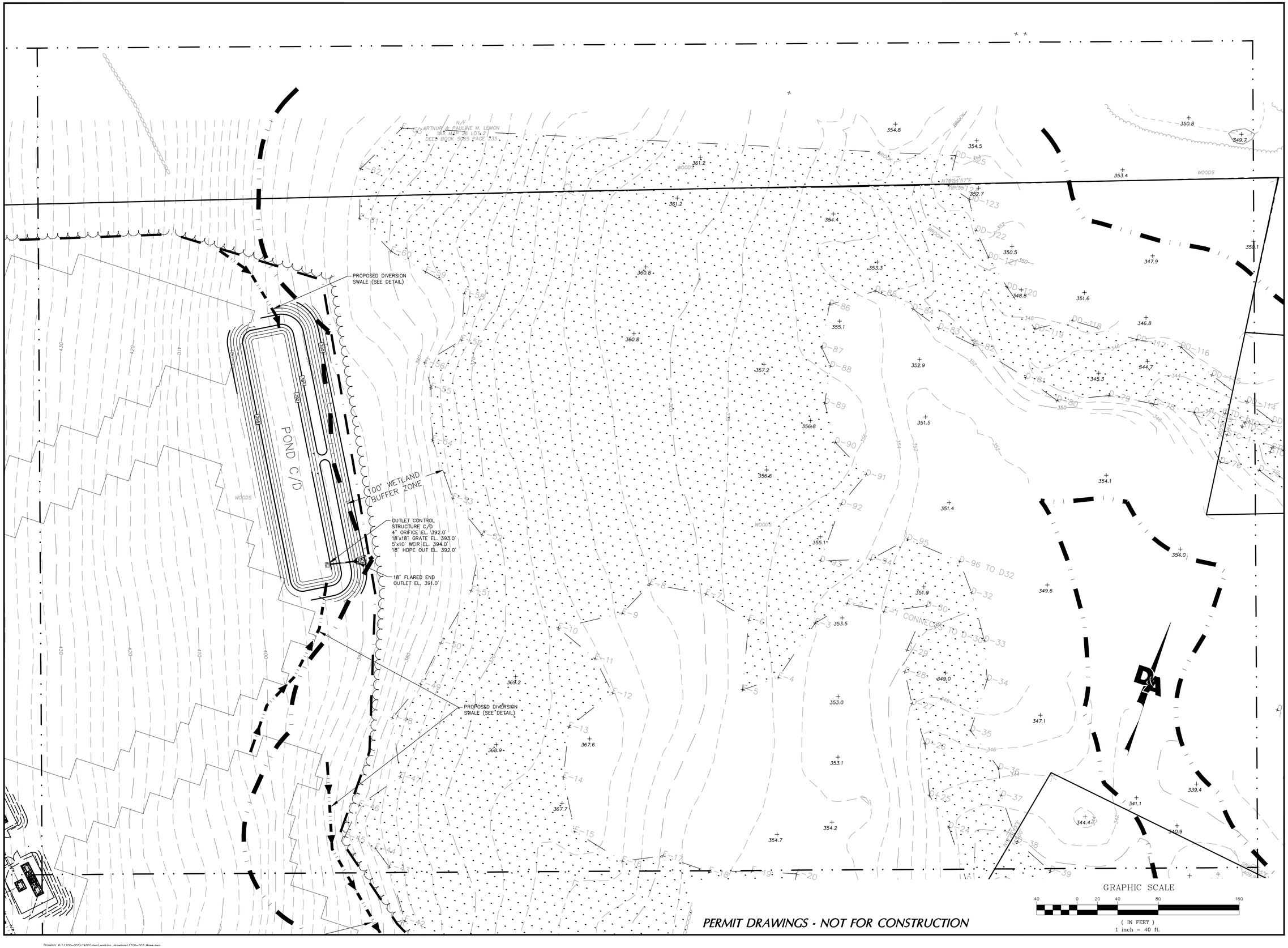
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-7.1
12 OF 22

Project No.:
1700-003

Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:48:37



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6			
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4			
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Grading & Utility Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
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No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
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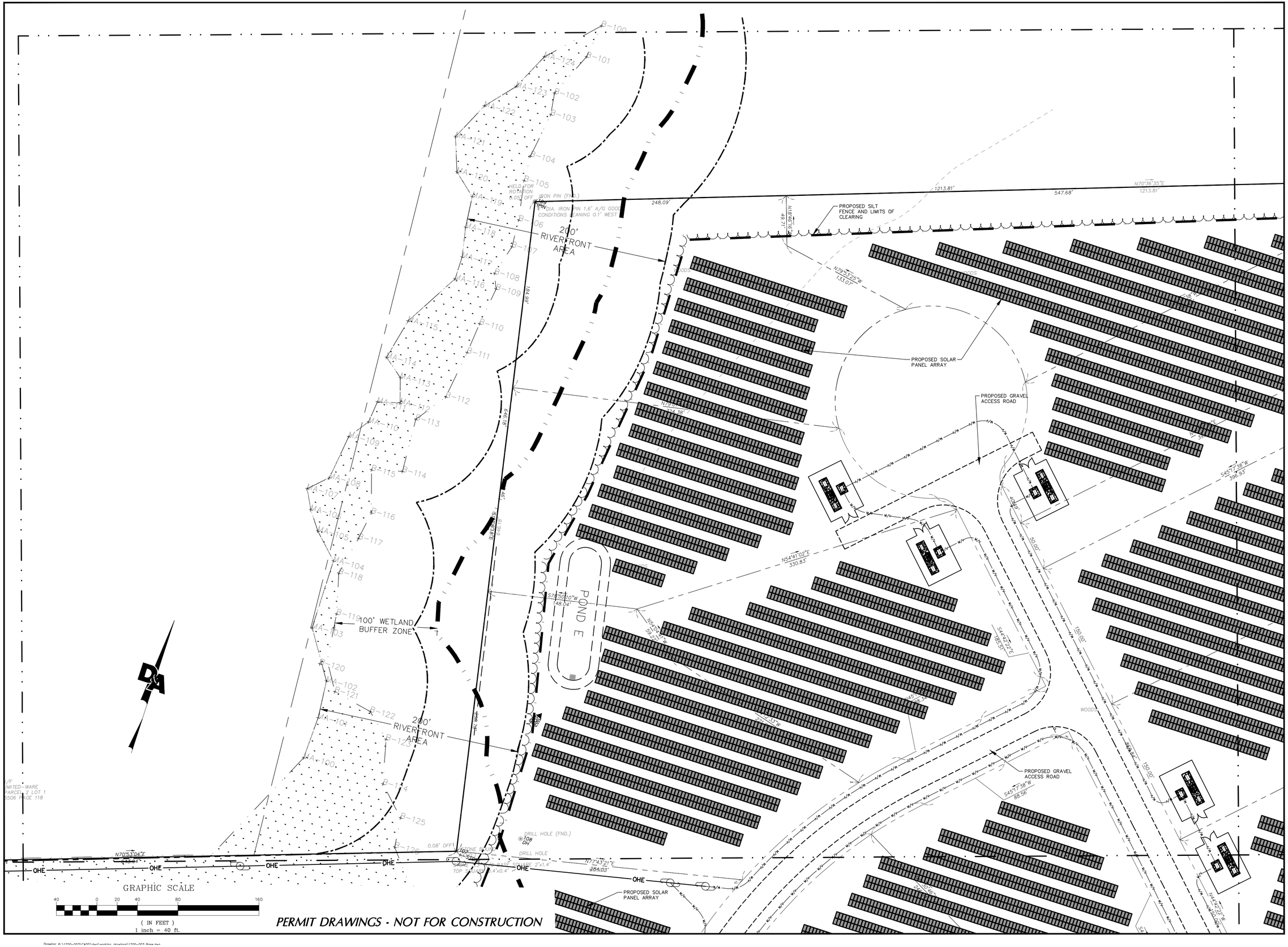
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-7.2
13 OF 22

Project No.:
1700-003

Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:48:08



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Site Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSSONI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
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Drawn:	SPC
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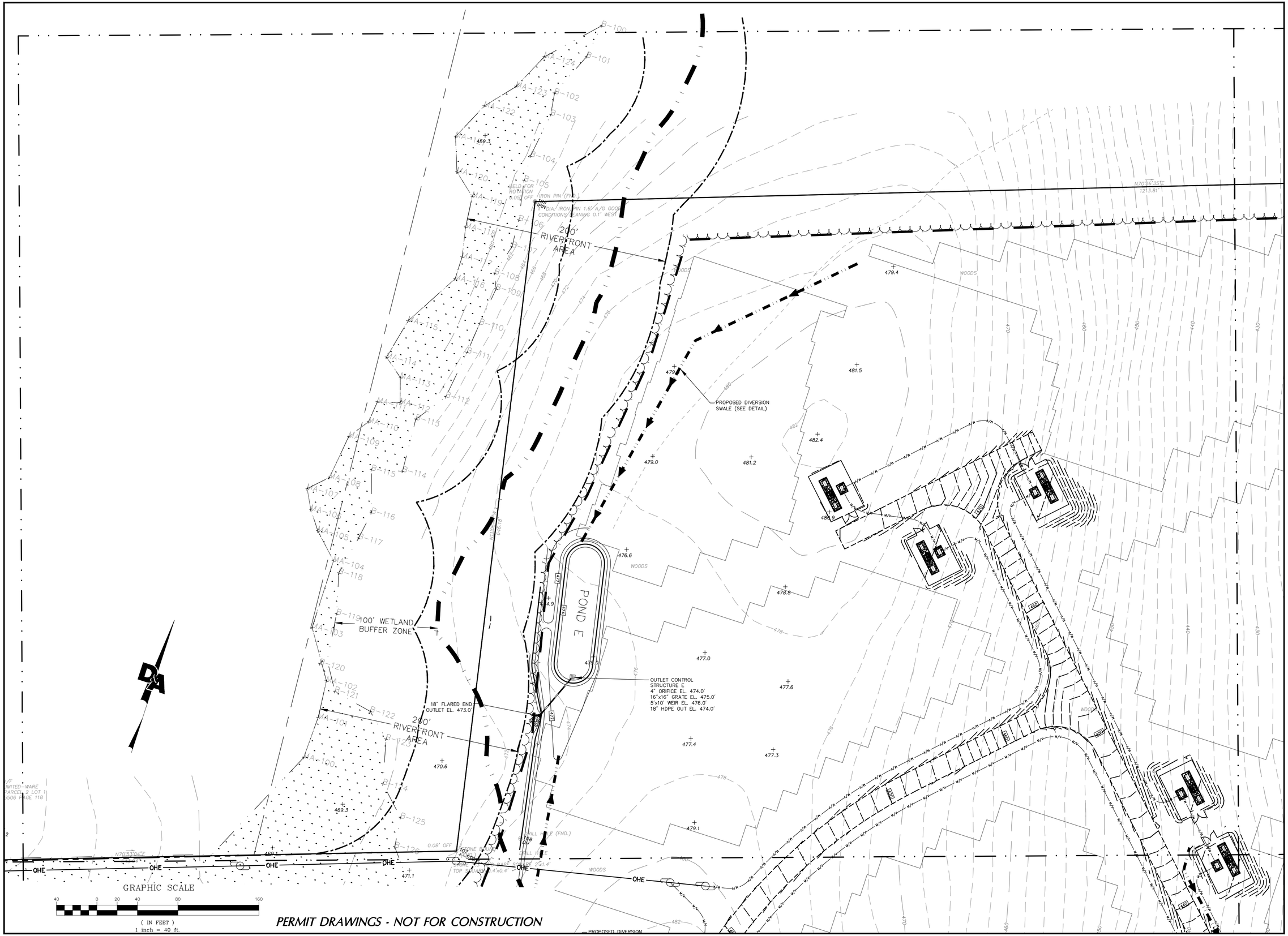
Date:	August 20, 2018

SHEET
C-8.1
14 OF 22

Project No.:
1700-003



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Grading & Utility Plan

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8-20-2018

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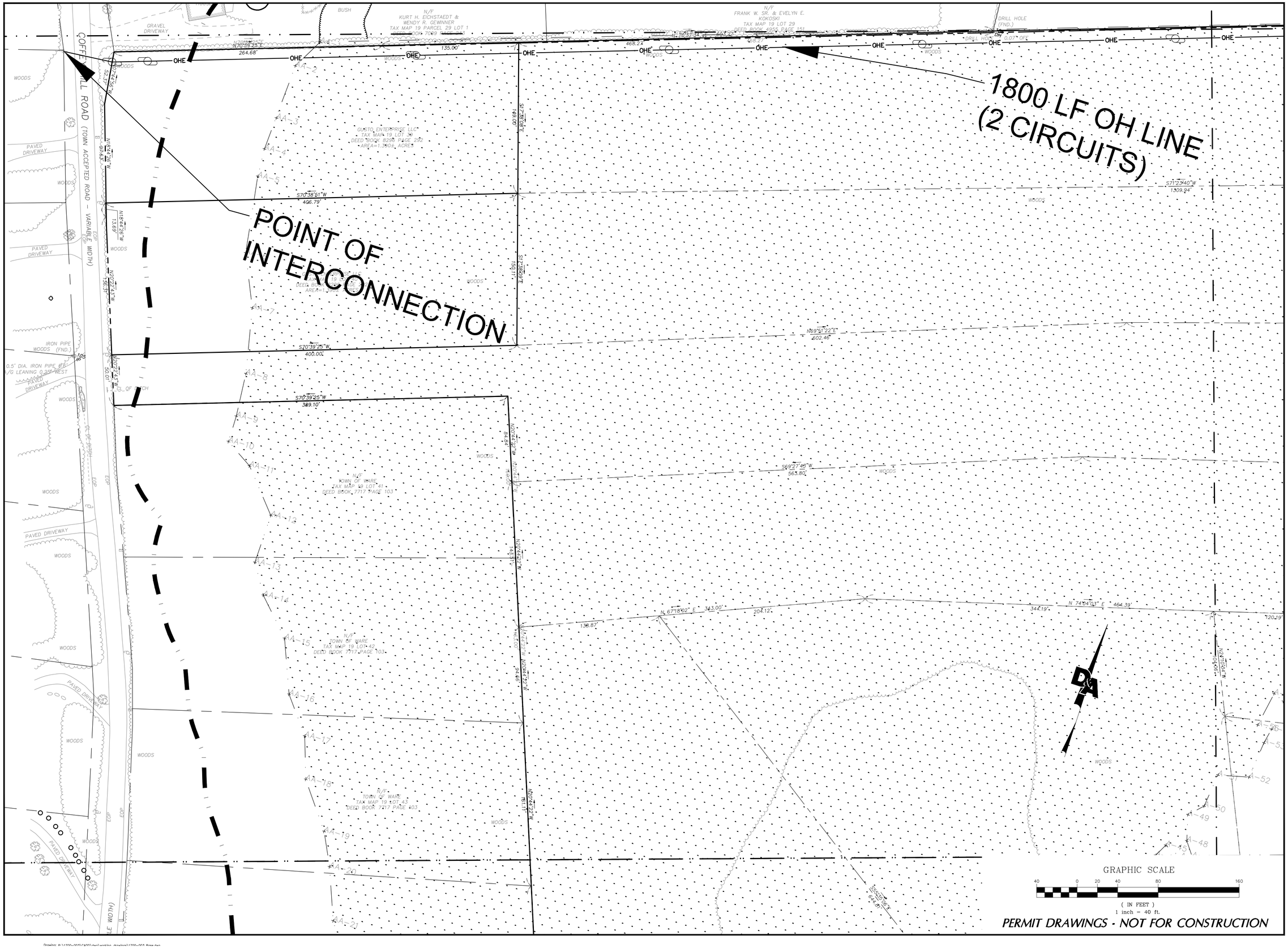
SHEET
C-8.2
15 OF 22

Project No:
1700-003



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Site Plan

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SHEET
C-9.1
16 OF 22

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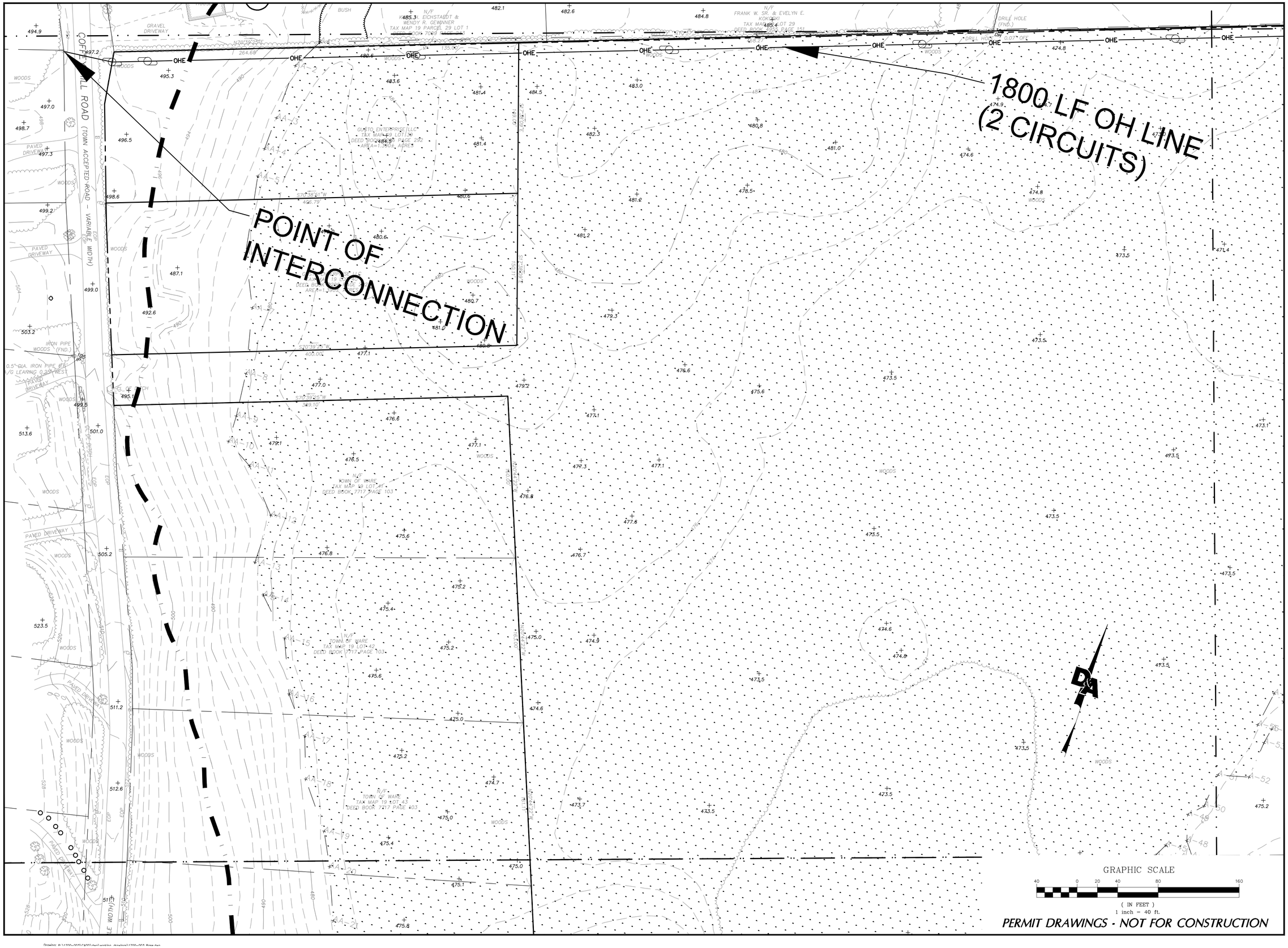

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SHEET
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17 OF 22

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Site Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47884
PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-10.1
18 OF 22

Project No:
1700-003

Drawing: P:\1700-003\5400\dwg\working drawings\1700-003 Rev.dwg
Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:44:29

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

DOUCET & ASSOCIATES
Civil Engineering & Planning
123 Union Street - Suite 302
Easthampton, MA 01027
Phone: (413) 203-2349
www.doucetengineers.com

NO.	DATE	REVISION	APP.
6			
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2			
1			

Grading & Utility Plan

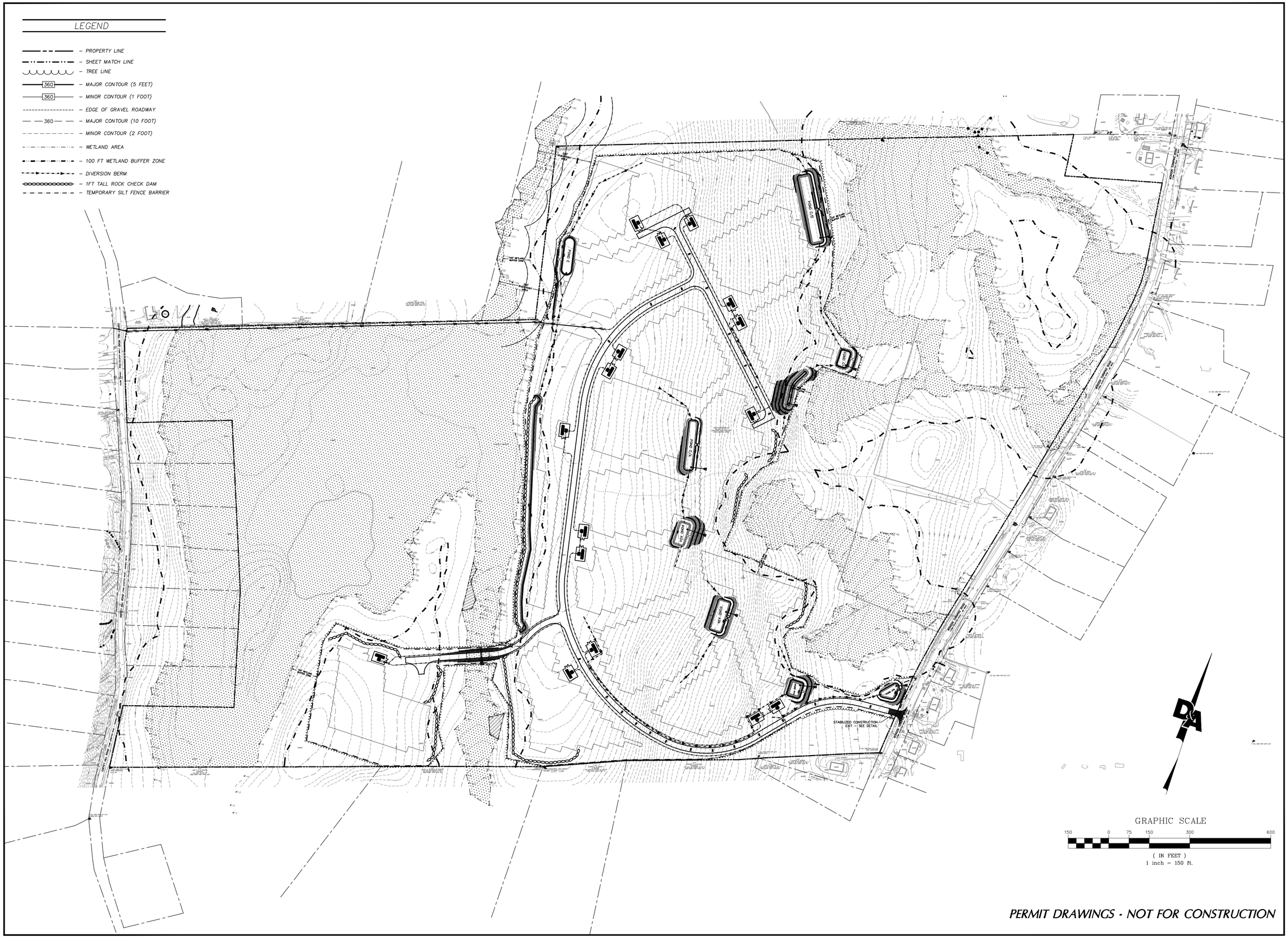
Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47684
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	1" = 40'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-10.2
19 OF 22

Project No.:
1700-003



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Easthampton, MA 01027
Phone: (413) 203-2349
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NO.	DATE	REVISION	APP.
6			
5			
4			
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1			

Erosion Control Plan

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. RUSIECKI
CIVIL
No. 47684
REGISTERED PROFESSIONAL ENGINEER

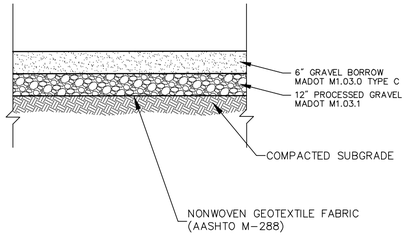
8-20-2018

Scale:	1" = 150'
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-13
22 OF 22

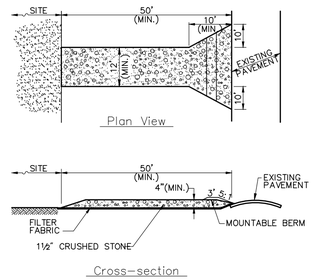
Project No:
1700-003

Last Modified: Aug 20, 18 - 11:41
Plot Date/Time: Aug 20, 18 - 11:42:31



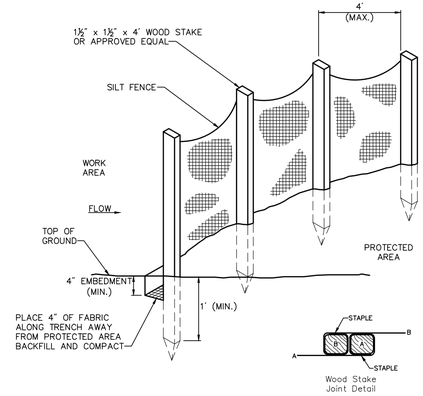
NOTES:
1. CONTRACTOR SHALL COMPACT SUBGRADE TO PROVIDE SUITABLE SURFACE TO PLACE ROAD.
2. GEOTEXTILE FABRIC SHALL MEET THE FOLLOWING REQUIREMENTS.
   2.1. TENSILE STRENGTH: 150 LB MIN
   2.2. ELONGATION: 50%
   2.3. CBR PUNCTURE: 400 LB MIN
   2.4. MINIMUM WATER FLOW RATE: 120 GPM / FT2
3. CONTRACTOR SHALL FOLLOW GEOTEXTILE FABRIC MANUFACTURER INSTALLATION PROCEDURES.
4. WHERE OVERLAPPING OF GEOTEXTILE FABRIC IS REQUIRED, CONTRACTOR SHALL OVERLAP A MINIMUM OF 24".
5. ROADWAY WIDTH SHALL BE 12FT WIDE.

SCALE: NOT TO SCALE — **GRAVEL ACCESS AISLE** — DATE 3/21/2013



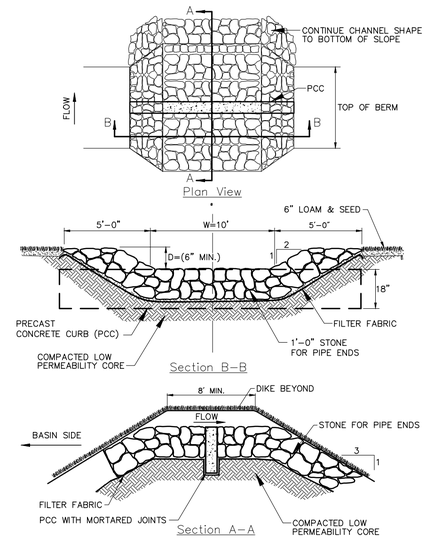
Notes:
1. ENTRANCE WIDTH SHALL BE A TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.

SCALE: NOT TO SCALE — **STABILIZED CONSTRUCTION EXIT** — 2/6/03 SED-9

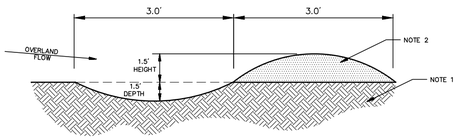


SOURCE: DOUCET & ASSOCIATES, INC.

SCALE: NOT TO SCALE — **SILT FENCE BARRIER** — 2/6/03 SED-1



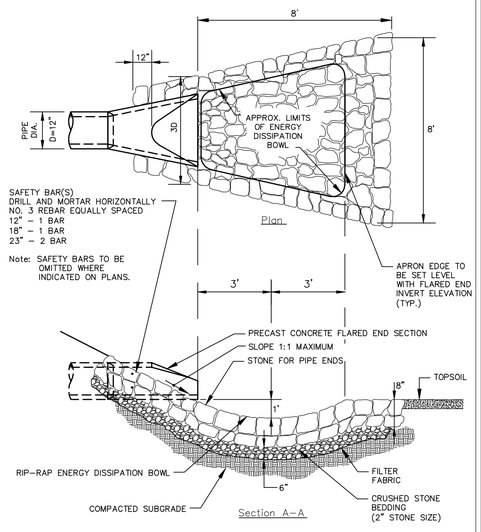
SCALE: NOT TO SCALE — **OVERFLOW STONE SWALE** — 12/20/04 D-14



TYPICAL PARABOLIC DIVERSION

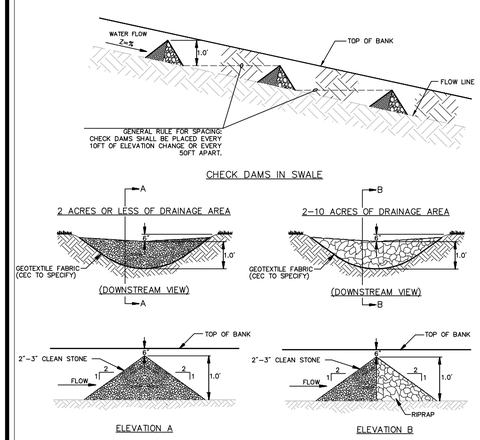
NOTES:
1. REMOVE ANY EXISTING VEGETATION AND SCARIFY OR BENCH ADJACENT SOILS PRIOR TO PLACING BERM.
2. BERM MATERIALS MUST BE ADEQUATELY COMPACTED AND STABILIZED.
3. BERM SHALL NOT BE CONSTRUCTED OF TOPSOIL.
4. SEE ROCK CHECK DAM DETAIL.

SCALE: NOT TO SCALE — **Diversion Berm** — 11/1/07 SED-17



SCALE: NOT TO SCALE — **Flared End Section (FES) with Stone Protection** — 2/6/03 D-12

NOTE: SEE SITE MAP FOR LOCATION OF CHECK DAM(S).



SCALE: NOT TO SCALE — **Rock Check Dam** — 11/1/07 SED-19

EROSION CONTROL GENERAL NOTES:

1. NO GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
2. ALL EXPOSED AREAS SHALL BE LOAMED AND SEED AS SPECIFIED WITHIN 14 DAYS OF FINAL GRADING OR AS WEATHER PERMITS.
3. SHOULD CONSTRUCTION STOP FOR LONGER THAN 14 DAYS, THE DISTURBED AREAS SHALL BE SEEDED OR HAVE STRAW PLACED.
4. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE AND/OR ENTERING WETLAND RESOURCE AREAS. STORMWATER CONTROLS SHOWN HEREIN SHALL BE CONSIDERED THE FULL EXTENT OF BMPS NECESSARY FOR ADEQUATE SEDIMENT MANAGEMENT FOR THIS SITE. ADDITIONAL SEDIMENT CONTROL MEASURES INCLUDING BUT NOT LIMITED TO SILT/SEDIMENTATION BASINS, SEDIMENTATION TRAPS, AREA INLETS, ETC., SHALL BE EMPLOYED BY THE CONTRACTOR AS NEEDED TO PREVENT ANY SEDIMENTATION FROM EXTENDING BEYOND THE LIMIT OF WORK.
5. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
6. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
7. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM GOVERNING AUTHORITIES.
8. EXISTING STRUCTURES, FENCES, TREES, ETC. WITHIN THE CONSTRUCTION AREAS SHALL BE REMOVED AND DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES.
9. CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
10. MATERIAL STOCKPILE LOCATIONS SHALL BE CONFIRMED WITH OWNER PRIOR TO PLACEMENT OF MATERIALS. ALL STOCKPILES MUST BE LOCATED OUTSIDE OF ANY WETLAND RESOURCE AREA, BUFFER ZONES, RIVERFRONT ZONES, AND BORDERING LAND SUBJECT TO FLOODING (100-YEAR FLOODPLAIN). ALL STOCKPILES MUST BE SURROUNDED BY PERIMETER EROSION CONTROLS SUCH AS SILT FENCE AND STABILIZED IF THEY ARE GOING TO REMAIN FOR MORE THAN 14 DAYS.
11. THE LOCATION OF THE EQUIPMENT STORAGE AND REFUELING AREAS MUST BE LOCATED OUTSIDE OF ANY WETLAND RESOURCE AREA, BUFFER ZONES, RIVERFRONT ZONE AND BORDERING LAND SUBJECT TO FLOODING (100-YEAR FLOODPLAIN). IF POSSIBLE THE CONTRACTOR SHALL NOT PROVIDE ANY REFUELING OR VEHICULAR MAINTENANCE ON THE PROJECT SITE.
12. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL OR APPROVED EQUAL TO INSPECT STORMWATER BMPS AFTER RAINFALL OF A QUARTER OF AN INCH OR GREATER.

EROSION CONTROL MEASURES

1. SILT FENCE. SILT FENCE SHALL BE A MINIMUM OF 4 FEET HIGH WITH 1.5" SQUARE STAKES ON 4 FOOT CENTERS AND THE FABRIC SUFFICIENTLY STAPLED TO THE PICKET. APPROVED SILT FENCE INCLUDES
   A. ACF ENVIRONMENTAL SUPER GRADE, 120 LB.
   B. APPROVED EQUAL.

   SILT CAN ALSO BE SUPPORTED BY STEEL POSTS, DRIVEN A MINIMUM OF THREE (3) FEET INTO THE GROUND, SPACED AT A MINIMUM OF 6 FEET ON CENTER. SUPER SILT FENCE CONSISTS OF REINFORCED (WIRE BACKED) SILT FENCE AND EITHER STEEL POSTS OF WOODEN STAKES. THE REINFORCED SILT FENCE IS CONNECTED TO SUPPORT WITH WIRE TIES.

   SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED AND SHALL BE INSTALLED DOWNSTREAM OF ANY SITE DISTURBANCE ACTIVITIES.

2. SEEDING AND MULCHING. EXISTING TOPSOIL (LOAM) IS NOT ANTICIPATED TO BE STRIPPED AND REPLACED. HOWEVER, AREAS OF THE SITE THAT ARE DISTURBED DURING CONSTRUCTION AND WILL NOT BE WORKED ON FOR 14 DAYS, OR WILL BE WINTERED, SHALL BE SEEDED WITH EROSION CONTROL MIX AND MULCHED WITH CERTIFIED WEED-FREE HAY.

   TYPICAL APPLICATION RATES FOR STRAW (HAY) OR GRASS MULCH ARE 3,000 – 4,000 LBS./ACRE.

3. GRASS SEED MIXTURE. NOT MORE THAN 0.5% BY WEIGHT SHALL BE WEED SEED AND NOT MORE THAN 1.75% BY WEIGHT CROP SEED OR MOLD FREE SEED SHALL BE DELIVERED TO THE SITE IN SEALED CONTAINERS, LABELED WITH THE SEED GROWER AND MIXTURE.

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

DOUCET & ASSOCIATES
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NO.	DATE	REVISION	APP.
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1			

Details

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

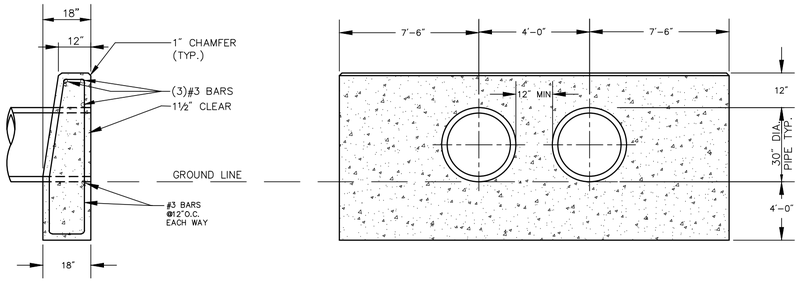
COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. FUSSIONI
CIVIL
No. 47864
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	N.T.S.
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

SHEET
C-11
20 OF 22

Project No: 1700-003

Last Modified: Aug. 20, 18 - 10:17
Plot Date/Time: Aug. 20, 18 - 11:06:04



END ELEVATION

FRONT ELEVATION

SCALE:
NOT TO SCALE

Concrete Headwall for 30" Pipes

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

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NO.	DATE	REVISION	APP.
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Details

Ecos Energy, LLC
Solar Development
Monson Turnpike Road
Ware, MA

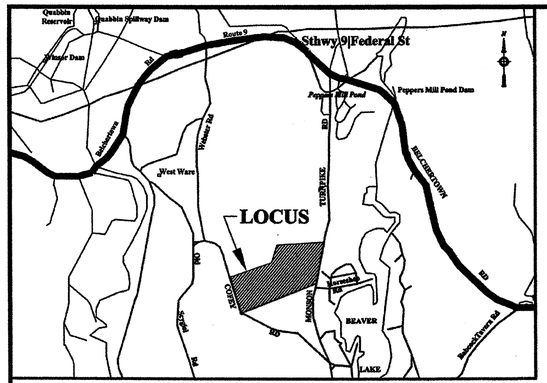
COMMONWEALTH OF MASSACHUSETTS
LAWRENCE A. FUSSECKI
CIVIL
No. 47884
REGISTERED PROFESSIONAL ENGINEER
8-20-2018

Scale:	N.T.S.
Designed:	LAR
Drawn:	SPC
Reviewed:	LAR
Date:	August 20, 2018

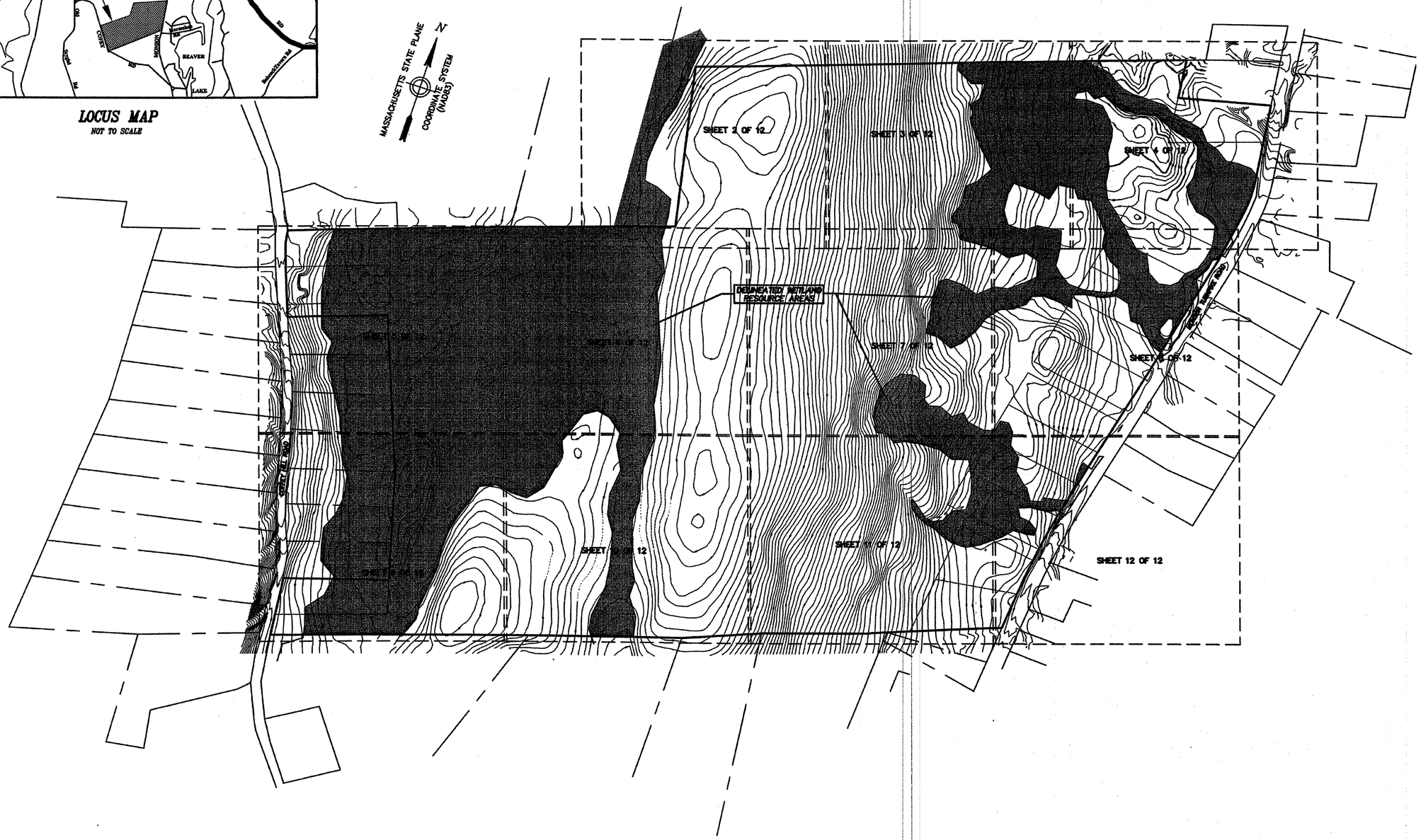
SHEET
C-12
21 OF 22

Project No.:
1700-003

Last Modified: Aug. 20, 18 - 10:17
Plot Date/Time: Aug. 20, 18 - 11:05:42



LOCUS MAP
NOT TO SCALE



REVISIONS:

No.	DATE	

GENERAL NOTES:

1. DETAIL SHOWN HEREON IS THE RESULT OF AERIAL MAPPING PERFORMED BY MINUTEMAN MAPPING BASED ON PHOTOGRAPHY OBTAINED ON MAY 3, 2005, AND AN ON-THE-GROUND SURVEY PERFORMED BY COLER & COLANTONIO, INC., BETWEEN JUNE 24, AND JULY 18, 2005.

2. UNLESS OTHERWISE NOTED, PLAN AND DEED REFERENCES ARE TO THE HAMPSHIRE COUNTY REGISTRY OF DEEDS.

3. THE REFERENCE MERIDIAN FOR THIS PLAN IS BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (MAINLAND ZONE – 2001), NAD83.

4. THE VERTICAL DATUM OF THIS PLAN IS "NAVD 88" AND IS REFERENCED TO THE PUBLISHED NATIONAL GEODETIC SURVEY STATION (COORS) "HAMP", TRANSFERRED TO THE SITE VIA GPS SURVEY METHODS.

5. TOPOGRAPHY SHOWN HEREON WAS GENERATED USING AERIAL PHOTOGRAPHY METHODS. THE AERIAL MAPPING WAS PREPARED BY MINUTEMAN MAPPING (603)-627-5010. THE PHOTOGRAPH WAS TAKEN IN MAY, 2005.

6. THE LOCUS LOT IS LOCATED IN FLOOD ZONE "C" AREA OF MINIMAL FLOODING AS SHOWN ON FLOOD INSURANCE RATE MAP (FEMA) FOR THE TOWN OF WARE, COMMUNITY PANEL NUMBER 250172 0010 B, DATED AUGUST 17, 1981.

7. THE LOCUS PARCEL FALLS WITHIN THE TOWN OF WARE ZONING DISTRICT RESIDENTIAL "RR1" AS SHOWN ON THE TOWN OF WARE OFFICIAL ZONING MAP. DIMENSIONAL REQUIREMENTS AS FOLLOWS.

MINIMUM LOT SIZE	MINIMUM FRONTAGE	MINIMUM SETBACKS FRONT	SIDE	REAR	MAXIMUM NO. OF STORIES
60,000 S.F.	150'	30'	30'	40'	2.5

8. UNDERGROUND UTILITIES MAY EXIST ON THIS SITE THAT ARE NOT SHOWN ON THIS PLAN. CONTRACTOR TO CONTACT DIG-SAFE (1-888-DIG SAFE) AND FIELD VERIFY LOCATION OF ALL UTILITIES AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.

9. WETLAND FLAGS SHOWN HEREON WERE DELINEATED BY "JMP ENVIRONMENTAL CONSULTING, INC." IN JULY 2005.

10. RECORD OWNER GUSTO ENTERPRISES LLC
BOOK 8296 PAGE 292

ASSESSOR MAP	BLOCK	LOT(S)
19		39, 40, 48
20		1
20	1	1-12 INCLUSIVE

11. PLAN REFERENCES:

PLAN BOOK:	PAGE:
155	16 & 17
157	21
158	41
167	19
178	62

COLER & COLANTONIO INC
ENGINEERS AND SCIENTISTS

413-313-0100
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Holyoke, MA 01040

COMMONWEALTH OF MASSACHUSETTS
NORMAN L. LIPSITZ
No. 39447
PROFESSIONAL LAND SURVEYOR
12.1.06

TITLE:

EXISTING CONDITION SURVEY

MONSON TURNPIKE ROAD
WARE MASSACHUSETTS
(HAMPSHIRE COUNTY)

PREPARED FOR:

DOUCET & ASSOCIATES
251 NORTHAMPTON STREET
EASTHAMPTON
MASSACHUSETTS
01027

DATE: NOVEMBER 7, 2006
COMP./DESIGN: HH/JTG/BPR
CHECK: JTG/EJP/NIL
DRAWN: HH/JTG/BPR
SCALE: 1"=200'
PATH: F:\Project\Doucet\63-130 Ware MA\DWG-LDD
DWG NO.: 63-130EC | SHEET 1 OF 12

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