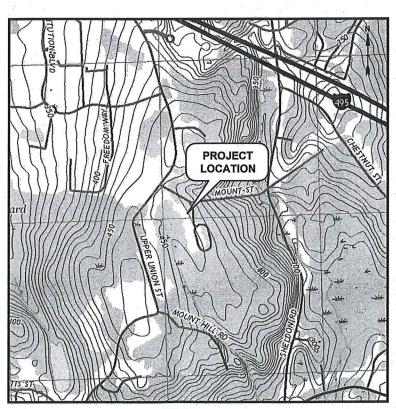
# FRANKLIN SOLAR PROJECT

## PERMIT APPLICATION SET

## FRANKLIN, MASSACHUSETTS **DECEMBER 2018**

SHEET NO.	SHEET TITLE	100		-
	COVER SHEET	10		
G-001	GENERAL NOTES & LEGEND		* ,	
C-001	EXISTING CONDITIONS - OVERALL	1		***
C-002	EXISTING CONDITIONS - SOUTH			
C-003	EXISTING CONDITIONS - NORTH			
C-004	PROPOSED CONDITIONS - OVERALL	i i		
C-005	PROPOSED CONDITIONS - SOUTH	12		
C-006	PROPOSED CONDITIONS - NORTH			
C-007	SITE DETAILS - 1			
C-008	SITE DETAILS - 2	1		







**DEVELOPER:** 

KEARSARGE FRANKLIN, LLC 1200 SOLDIERS FIELD ROAD SUITE 202 BOSTON, MA 02134

LAND OWNER:

THE CISTERCIANS OF THE STRICT **OBSERVANCE IN MASSACHUSETTS, INC.** #1061 UPPER UNION STREET FRANKLIN, MA 02038

**CIVIL ENGINEER:** 

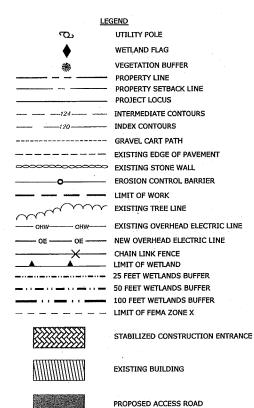
TIGHE & BOND 53 SOUTHAMPTON ROAD WESTFIELD, MA 01085

RECEIVED JAN 4 2019

PLANNING DEPT.

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**COMPLETE SET 10 SHEETS** 



GENERAL NOTES:

- PER MASSACHUSETTS LAW, CALL 1-888-DIG-SAFE, (1-888-344-7233), THE MUNICIPALITY
  AND THE PROPERTY OWNER PRIOR TO ANY UNDERGROUND EXCAVATION ON SITE. THE
  DIG-SAFE VERIFICATION NUMBER SHALL BE SUBMITTED TO THE TOWN OF LUDLOW AND
  TOWN OF GRANBY PRIOR TO ANY EXCAVATION, DEMOLITION AND REMOVAL OR
  CONSTRUCTION WORK.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF FIELD CONDITIONS ARE OBSERVED THAT SIGNIFICANTLY VARY FROM THOSE SHOWN ON THESE PLANS, IMMEDIATELY NOTIFY THE ENGINEER FOR RESOLUTION OF THE CONFLICTING INFORMATION.
- 3. COMPLY WITH OSHA'S LATEST STANDARDS. PROVIDE ALL REQUIREMENTS OF OSHA'S EXCAVATION STANDARDS, INCLUDING BUT NOT LIMITED TO PROVISION FOR A COMPETENT PERSON ON SITE AND ALL DOCUMENTATION REQUIRING CERTIFICATION BY A PROFESSIONAL PROFINEER
- 4. MAINTAIN ALL UTILITIES IN THE AREAS UNDER CONSTRUCTION. LEAVE ALL PIPES, SWALES AND STRUCTURES WITHIN THE LIMIT OF THIS CONTRACT IN CLEAN AND OPERABLE CONDITION AT THE COMPLETION OF THE WORK. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SAND AND SILT FROM DISTURBED AREAS FROM BUTERING THE SYSTEM. CONTRACTOR IS RESPONSIBLE FOR DAMAGE SUSTAINED TO ANY EXISTING UTILITIES AND WILL MAKE REPAIRS THAT COMPLY WITH REQUIREMENTS OF OWNER OR RESPECTIVE UTILITY COMPANY.
- 5. LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED.
- 6. TEST PITS TO LOCATE EXISTING UTILITIES ARE STRONGLY ENCOURAGED AND MAY BE ORDERED BY ENGINEER.
- UNDERDRAIN SYSTEMS ARE COMMON IN AGRICULTURAL FIELDS AND ARE NOT DOCUMENTED ON SITE NOR LOCATED BY SURVEY, IF UNDERDRAINS ARE DAMAGED DURING CONSTRUCTION THEY SHALL BE REPAIRED SO EXISTING SUBSURFACE DRAINAGE SYSTEM IS FUNCTIONAL AT THE END OF THE CONSTRUCTION.

#### PLAN REFERENCES:

- EXISTING CONDITIONS INFORMATION USED ON THIS PROJECT WAS OBTAINED FROM AN EXISTING CONDITIONS PLAN TITLED "FRANKLIN MASSACHUSETTS" DATED NOVEMBER 12, 2018 AND PREPARED BY TAUPER LAND SURVEY INC.
- 2. LAYOUT OF SOLAR ARRAY, INCLUDING SPACING, RACKING ARRANGEMENT, SIZE, ROAD LOCATION, AND FENCE LOCATION PROVIDED BY INDUSTRIA ENGINEERING.
- 3. WETLAND SERIES A1 TO A60 AND B1 TO B4 WERE DELINEATED BY ECOTECH, INC. IN
- PROJECT WILL BE SUBJECT TO AN ORDER OF CONDITIONS ISSUED BY THE FRANKLIN CONSERVATION COMMISSION.
- 5. ELECTRICAL DESIGN AND DETAILS TO BE PROVIDED BY OTHERS DURING FINAL DESIGN.
- FEMA ZONE X AREA CONSTITUTES AREAS OF 0.2% ANNUAL CHANCE FLOOD, PER FLOOD INSURANCE RATE MAP (FIRM) OF NORFOLK COUNTY, MAP NUMBER 25021C0317E DATED JULY 17,2012.

EROSION CONTROL NOTES:

- INSTALL ALL EROSION CONTROL MEASURES SHOWN, SPECIFIED AND REQUIRED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION OR IMMEDIATELY UPON REQUEST. MAINTAIN ALL SUCH CONTROL MEASURES UNTIL FINAL SURFACE TREATMENTS ARE IN PLACE AND/OR UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- MARK WORK LIMIT LINE(S) PRIOR TO STARTING WORK, DO NOT DISTURB VEGETATION AND TOPSOIL BEYOND THE PROPOSED LIMIT LINE, COORDINATE WITH THE ENGINEER FOR THE LOCATIONS FOR THE TEMPORARY STOCKPILING OF TOPSOIL DURING CONSTRUCTION.
- FINE GRADE AND IMMEDIATELY SEED ALL SIDE SLOPES, SHOULDER AREAS, AND DISTURBED VEGETATED AREAS. ALL GRADING TO BE A MAXIMUM SLOPE OF 3:1 UNLESS OTHERWISE SHOWN, COMPACTED, AND STABILIZED.
- 4. REMOVE AND DISPOSE OF ALL SILT TRAPPED AT BARRIERS IN UPLAND AREAS OUTSIDE BUFFER ZONES. REMOVE MATERIALS DEPOSITED IN ANY TEMPORARY SETTLING BASIN AT THE COMPLETION OF THE PROJECT, RESTORE ALL DISTURBED AREAS TO PRE-CONSTRUCTION CONDITIONS.
- 5. REMOVE ALL SEDIMENTS FROM SILT LADEN WATER PRIOR TO RELEASE DOWNSTREAM OF THE DEWATERED AREAS.
- 6. REMOVE ALL SEDIMENT TRACKED ON PUBLIC RIGHT-OF-WAYS AT THE END OF EACH DAY.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DURING CONSTRUCTION OF THE PROJECT. CONTRACTOR TO INSTALL ADEQUATE EROSION CONTROL. TO ENSURE SITE STABILIZATION THROUGHOUT THE DURATION OF CONSTRUCTION.

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NOT FOR CONSTRUCTION

BRIAN S. HUNTLEY CIVIL No. 46273

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DRAWING

PERMIT

Franklin Solar Project

Franklin Kearsarge, LLC

Franklin, Massachusetts

VERIFY SCALE

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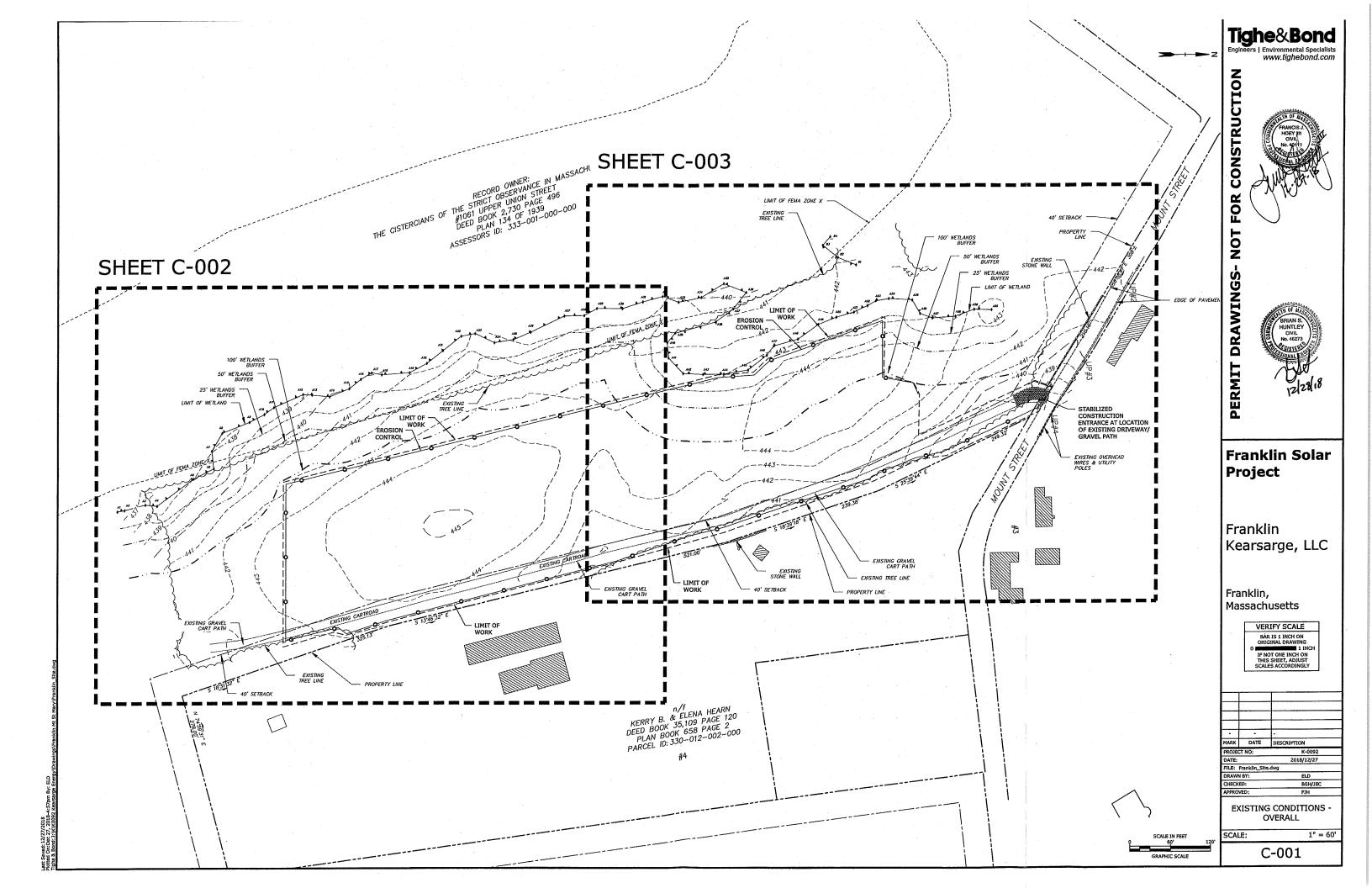
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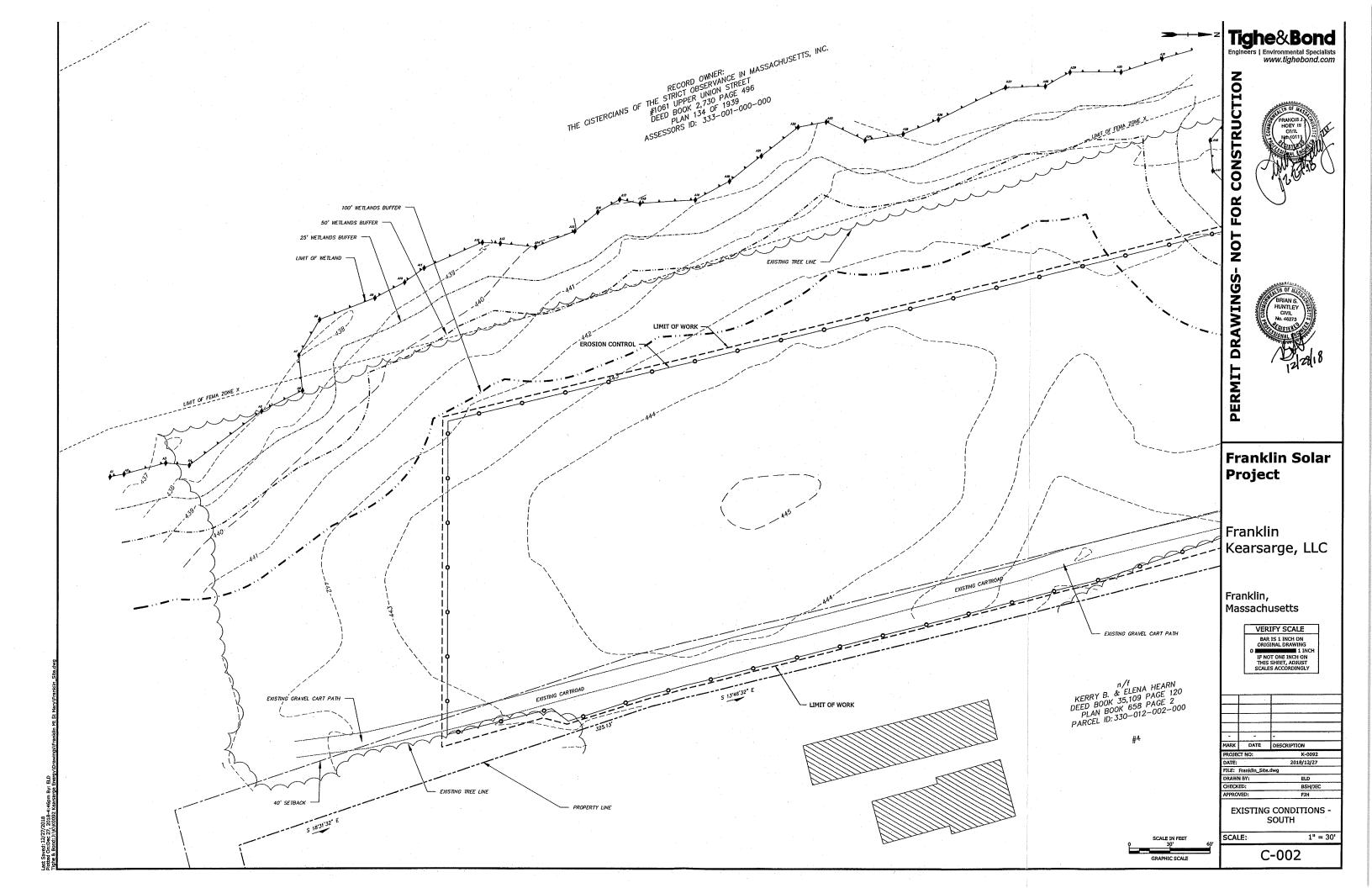
**GENERAL NOTES & LEGEND** 

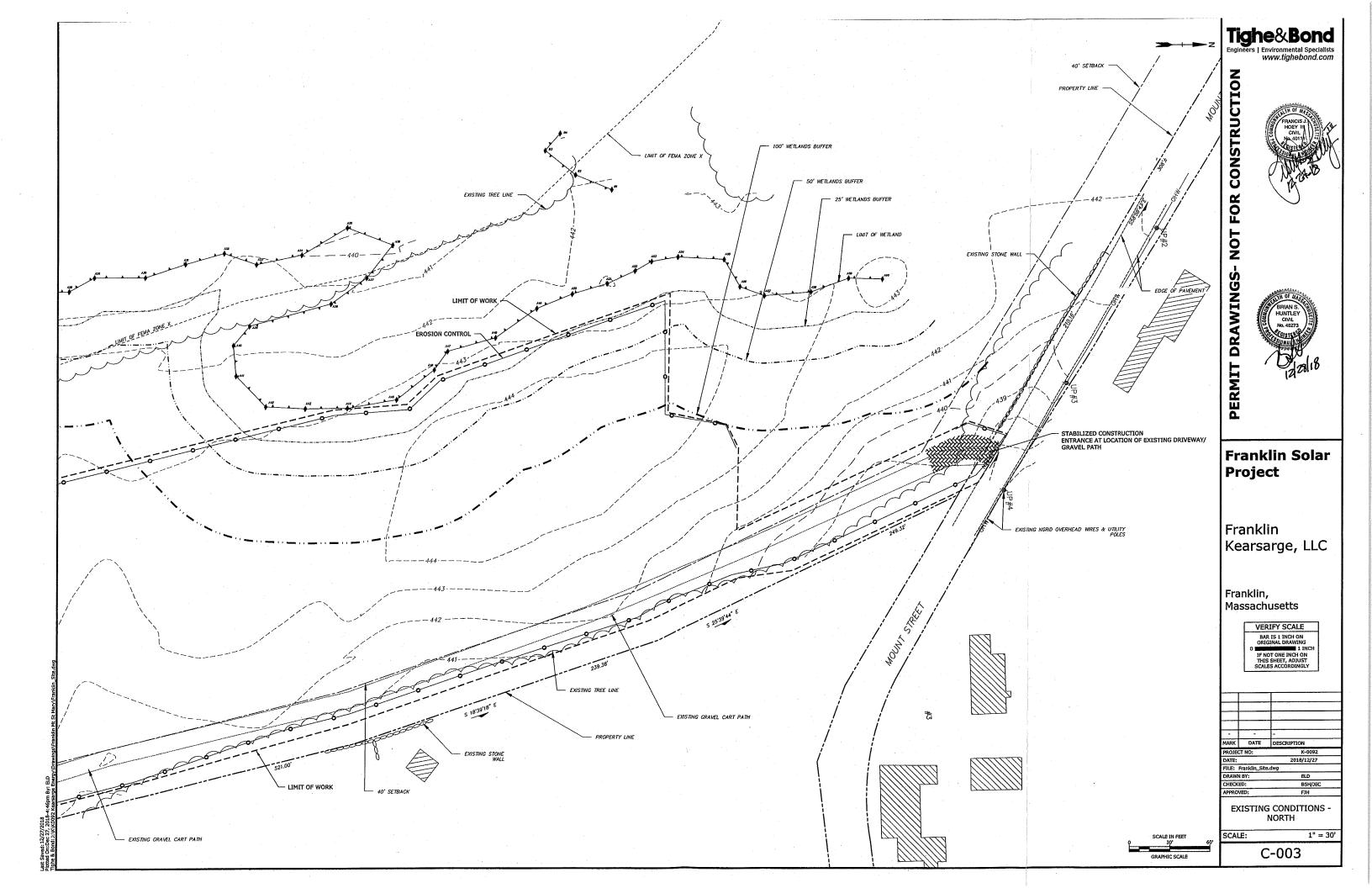
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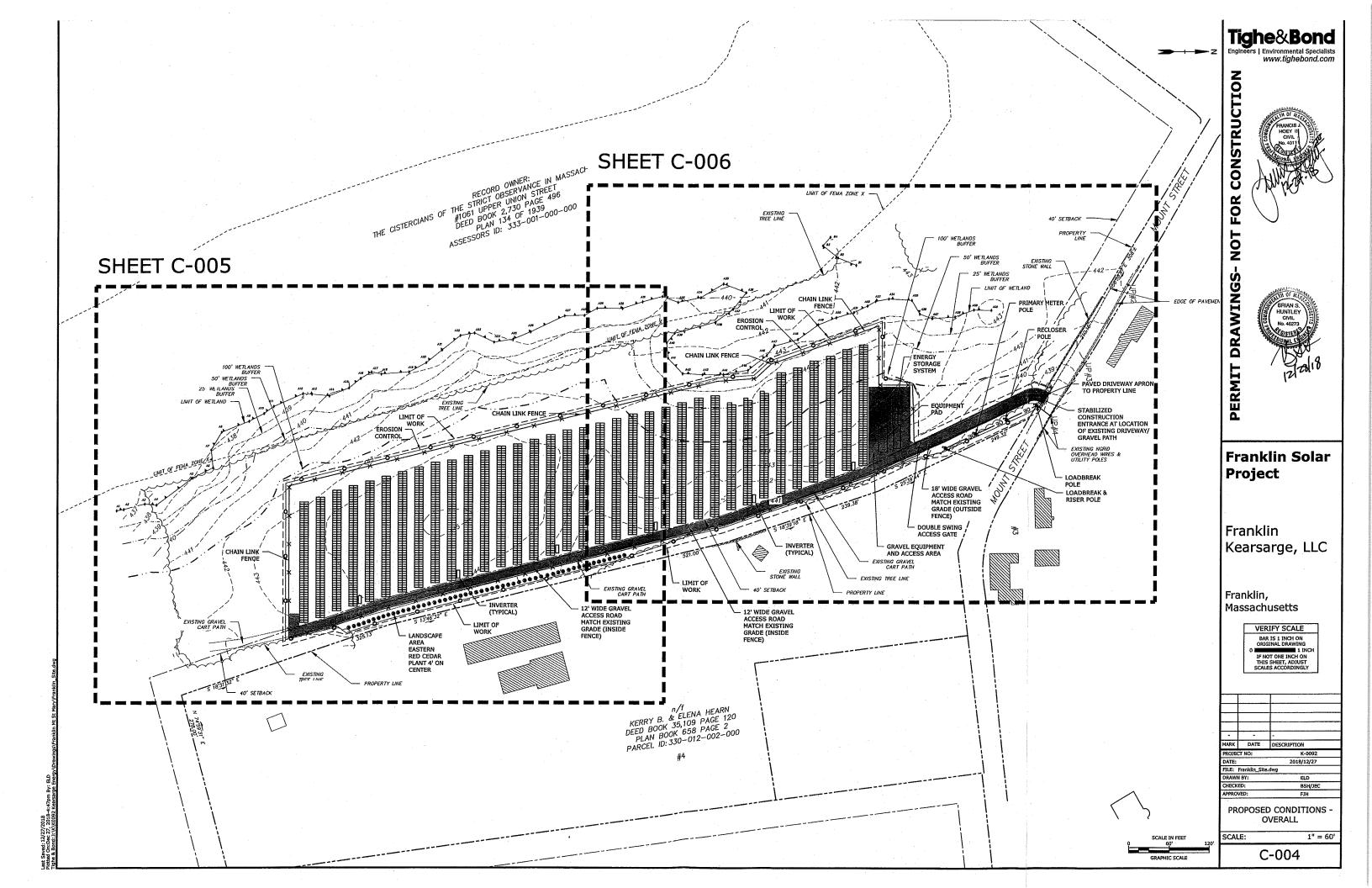
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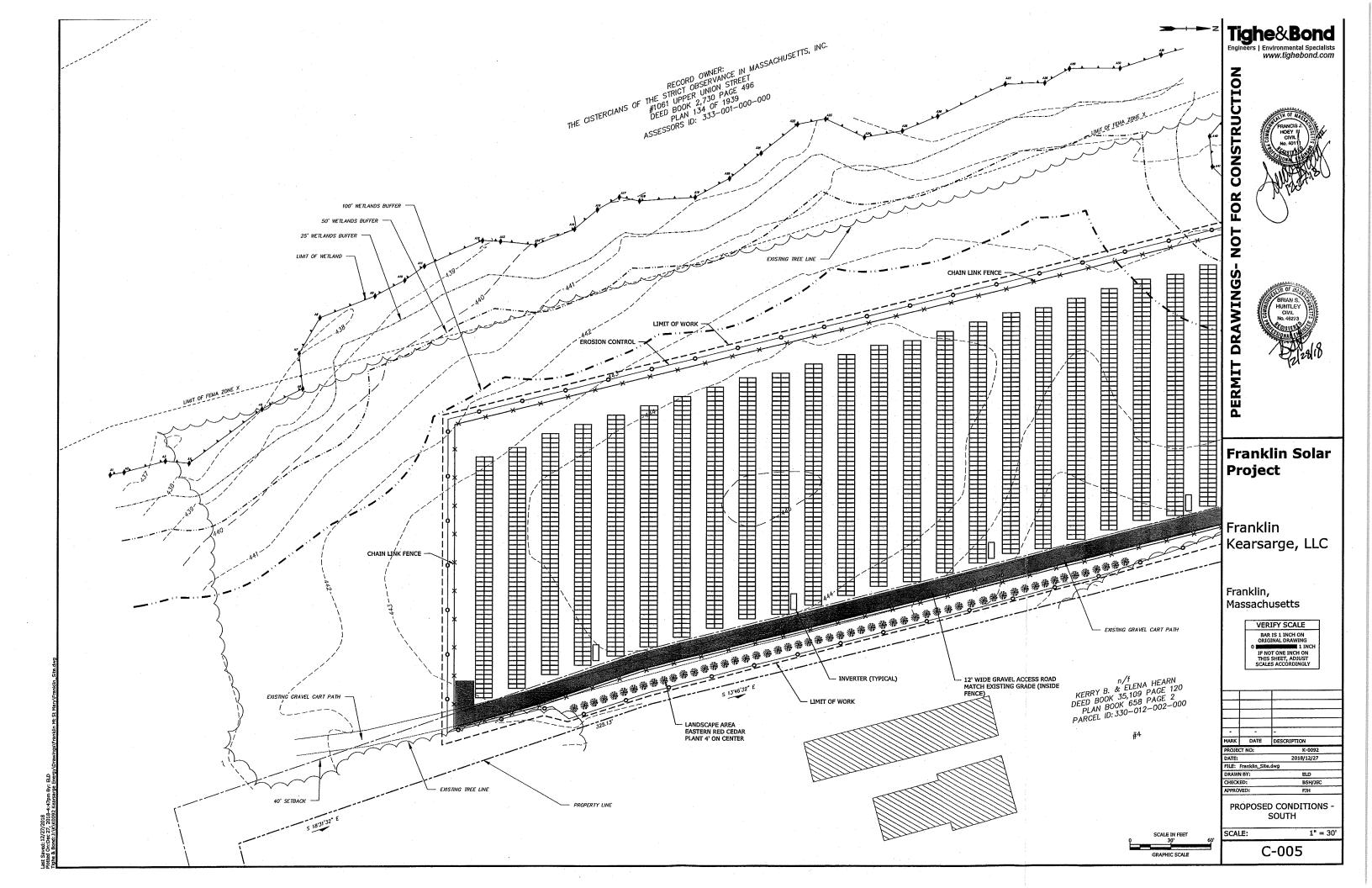
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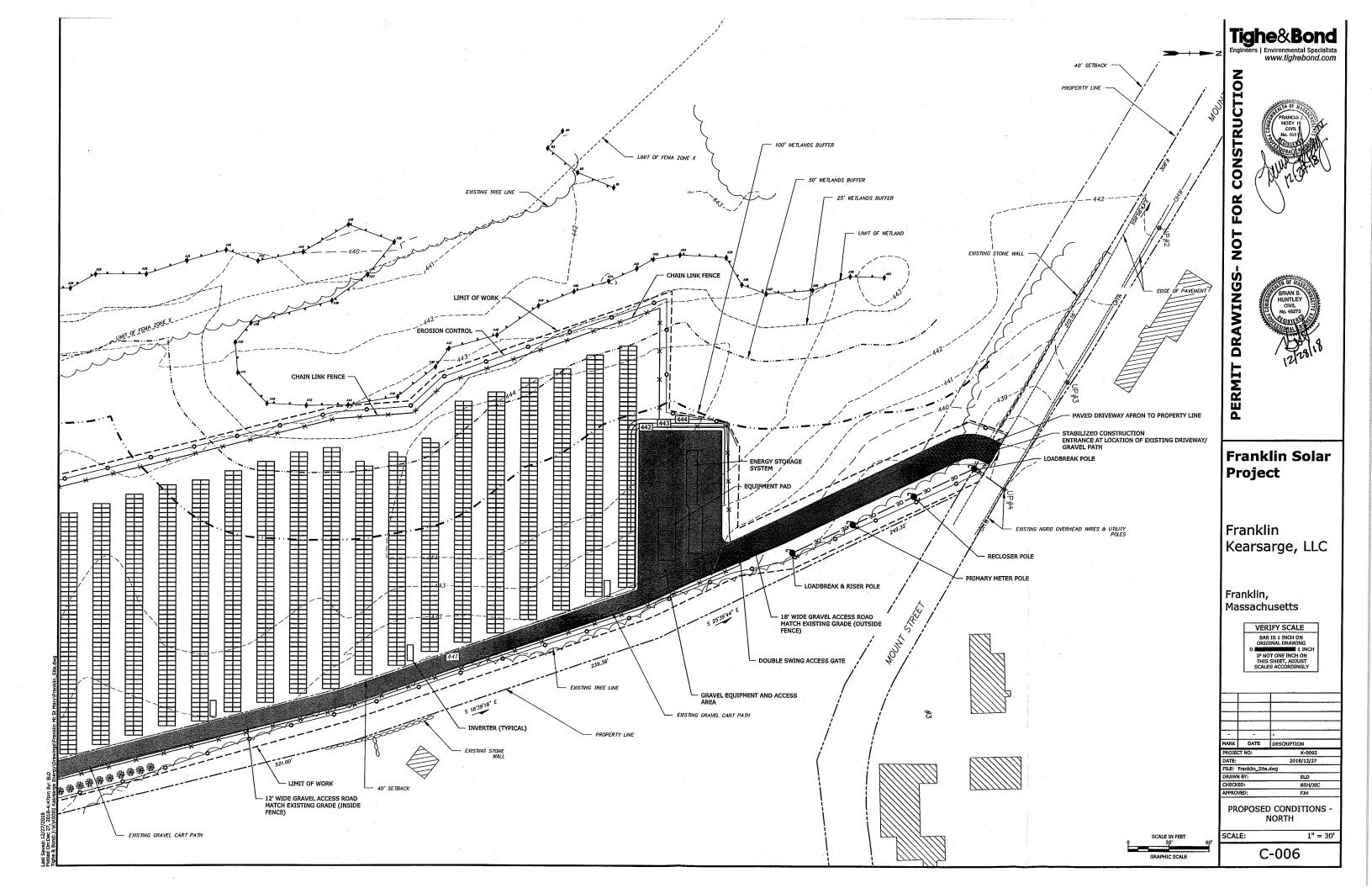






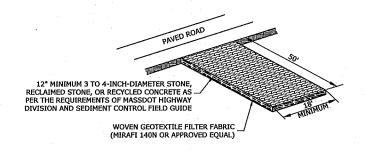




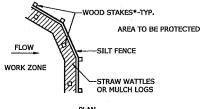


- 3. SLOPE SURFACE TO BE FREE OF STICKS, ROCKS, AND OTHER OBSTRUCTIONS. 4. BLANKETS TO BE ROLLED OUT LOOSELY AND STAKED/STAPLED TO MAINTAIN DIRECT SOIL
- CONTACT, DO NOT STRETCH THE BLANKETS.
- 5. STAKES AND STAPLES MUST NOT IMPACT CAP.

### EROSION CONTROL BLANKET

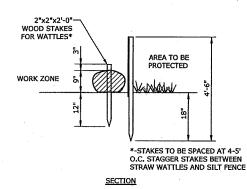


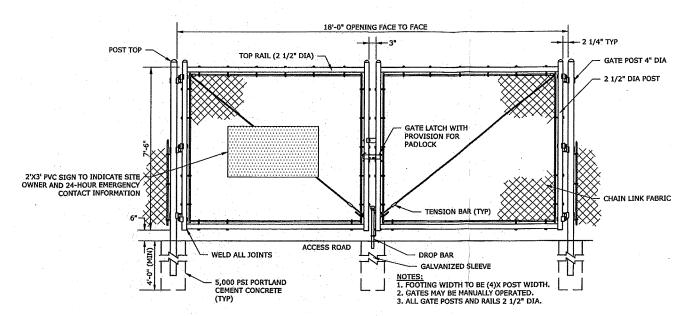
### STABILIZED CONSTRUCTION ENTRANCE/EXIT



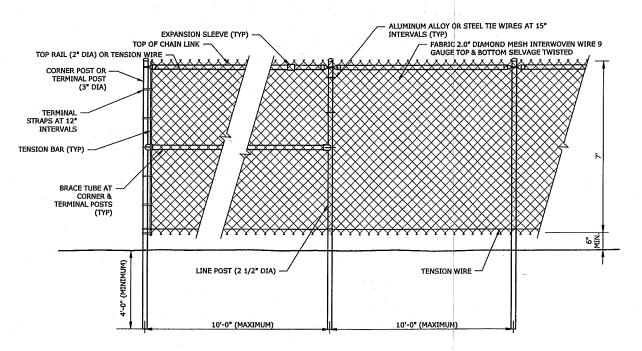
- NOTES:

  1. SILT SOCK SHALL BE SILT SOXX BY FILTREXX OR
- 2. SILT SOCK SHALL BE FILLED WITH FILTERMEDIA BY FILTREXX OR APPROVED EQUAL.
- 3. WHERE TWO SILT SOCKS ARE JOINED, A MINIMUM OF 2 FEET OF OVERLAP SHALL BE
- 4. SILT SOCKS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.





### DOUBLE SWING GATE



## CHAIN LINK FENCE

#### CHAIN LINK FENCING NOTES:

- 1. UNLESS OTHERWISE NOTED ON THE SITE PLANS, ALL CHAIN LINK FENCING COMPONENTS SHALL HAVE A HOT DIPPED GALVANIZED FINISH, ANY CHIPS IN THE GALVANIZED FINISH DUE TO SITE INSTALLATION SHOULD BE MINIMIZED AND REPAIRED WITH INDUSTRIAL GRADE GALVANIZED PAINT. ALL CUT ENDS ARE TO BE FINISHED WITH INDUSTRIAL GRADE PAINT-ON GALVANIZED FINISH.
- CHAIN LINK FABRIC SHALL BE MADE OF 9 GAUGE STEEL WIRE, 2" NESH SIZE, AND HOT DIPPED GALVANIZED PRIOR TO WEAVING, THE FABRIC SHALL BE FINISHED WITH A SELVAGE TWIST TOP AND BOTTOM.
- 3. ALL POSTS ARE TO BE PLUMB IN ALL DIRECTIONS.
- LINE POSTS TO BE HAMMER DRIVEN. POST END MUST BE CUT TO FINAL HEIGHT AFTER DRIVING IS COMPLETED. CUT END IS TO BE SQUARE AND FREE OF BENDS, MUSHROOMING, AND BURS. CUT END TO BE TREATED AS PER NOTE #1.
- LINE & TERMINAL POSTS, BRACE TUBES, TOP RAILS, & GATE POSTS SHALL ALL BE SCHEDULE 40 PIPE. REFERENCED DIAMETER IS NOMINAL.
- CHAIN LINK FENCE SHALL HAVE 1 NO TRESPASS SIGN & 1 DANGER HIGH VOLTAGE SIGN MOUNTED SIDE BY SIDE EVERY 100 FEET AROUND ENTIRE FENCE PERIMETER.

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CONSTRUCTION

FOR

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Franklin Solar **Project** 

Franklin Kearsarge, LLC

Franklin, Massachusetts

> VERIFY SCALE BAR IS 1 INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

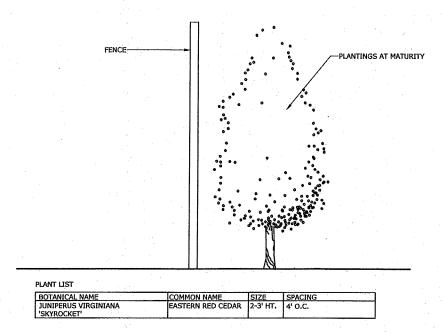
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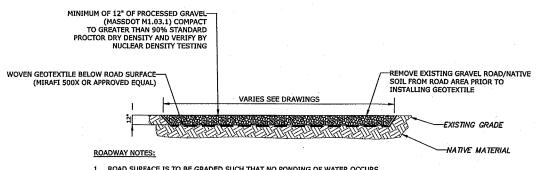
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EROSION CONTROL BARRIER
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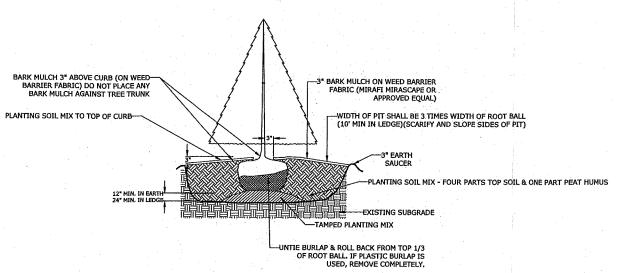


LANDSCAPE BUFFER - SECTION
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1. ROAD SURFACE IS TO BE GRADED SUCH THAT NO PONDING OF WATER OCCURS WITHIN THE LIMITS OF THE ROAD SURFACE.

TYPICAL ACCESS ROAD SECTION

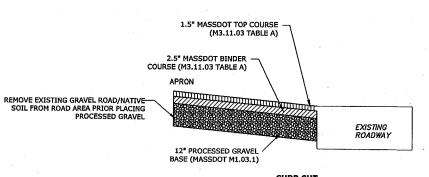


#### NOTE:

- PLANT AT SAME DEPTH AS PREVIOUSLY PLANTED IN NURSERY, OR WITHIN 2" ABOVE.
- 2. TREEGATOR SLOW-RELEASE WATERING BAGS TO BE INSTALLED AT TIME OF PLANTING

### **EVERGREEN TREE PLANTING**

NO SCALE



NO SCALE

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Franklin Solar Project

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Franklin, Massachusetts

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SITE DETAILS - 2

SCALE: AS NOTED

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Last Saved: 12/27/2018 Plotted On:Dec 27, 2018-5-16-m B.v. B.p.