# FRANKLIN SOLAR PROJECT

RECEIVED APR 2 6 2019

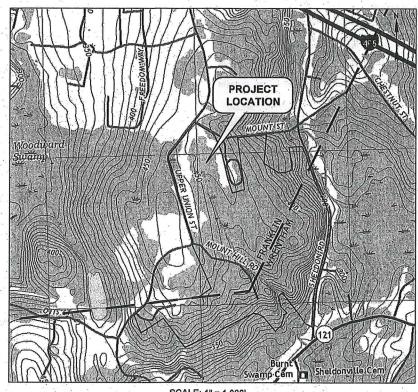
PLANNING DEPT

## PERMIT APPLICATION SET

# FRANKLIN, MASSACHUSETTS **DECEMBER 2018 REVISED APRIL 2019**

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

SHEET NO.	SHEET TITLE				1.			
C-009	SITE DETAILS - 3	BY INDUSTRIA	ENGINE	ERING		zł.		



ALL ABUTTING FRANKLIN PARCELS ARE LOCATED IN THE RURAL RESIDENTIAL I ZONE

#### **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







**PERMIT SET - NOT FOR CONSTRUCTION** 

**EXISTING BUILDING** 

PROPOSED ACCESS ROAD

#### PLAN REFERENCES:

GENERAL NOTES:

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.

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 FRANKLIN PRIOR TO ANY EXCAVATION, DEMOLITION AND REMOVAL OR CONSTRUCTION WORK.

4. 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 ENGINEER.

5. 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 ENTERING 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.

7. TEST PITS TO LOCATE EXISTING UTILITIES ARE STRONGLY ENCOURAGED AND MAY BE

8, 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.

6. LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED.

2.
3. 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

- 2. THE VERTICAL DATUM IS BASED ON NAVD 88.
- 3. THE HORIZONTAL DATUM IS MASSACHUSETTS STATE PLANE NAD83.
- 4. LAYOUT OF SOLAR ARRAY, INCLUDING SPACING, RACKING ARRANGEMENT, SIZE, ROAD LOCATION, AND FENCE LOCATION PROVIDED BY INDUSTRIA ENGINEERING.
- WETLAND SERIES A1 TO A60 AND 81 TO 84 WERE DELINEATED BY ECOTECH, INC. IN OCTOBER 2018.
- 6. PROJECT WILL BE SUBJECT TO AN ORDER OF CONDITIONS ISSUED BY THE FRANKLIN
- 7. ELECTRICAL DESIGN AND DETAILS TO BE PROVIDED BY OTHERS DURING FINAL DESIGN.
- 8, 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

#### EROSION CONTROL NOTES:

- 1. INSTALL ALL EROSION CONTROL MEASURES SHOWN, SPECIFIED AND REQUIRED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION OR MMEDIATELY UPON REQUEST, MAINTAIN ALL SUCH CONTROL
  MEASURES UNTIL FINAL SURFACE TREATMENTS ARE IN PLACE AND/OR
  UNTIL PERMANENT VEGETATION IS ESTABLISHED,
- 2. 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
- 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.
- 7. 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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Franklin Solar **Project** 

Franklin Kearsarge, LLC

Franklin, Massachusetts

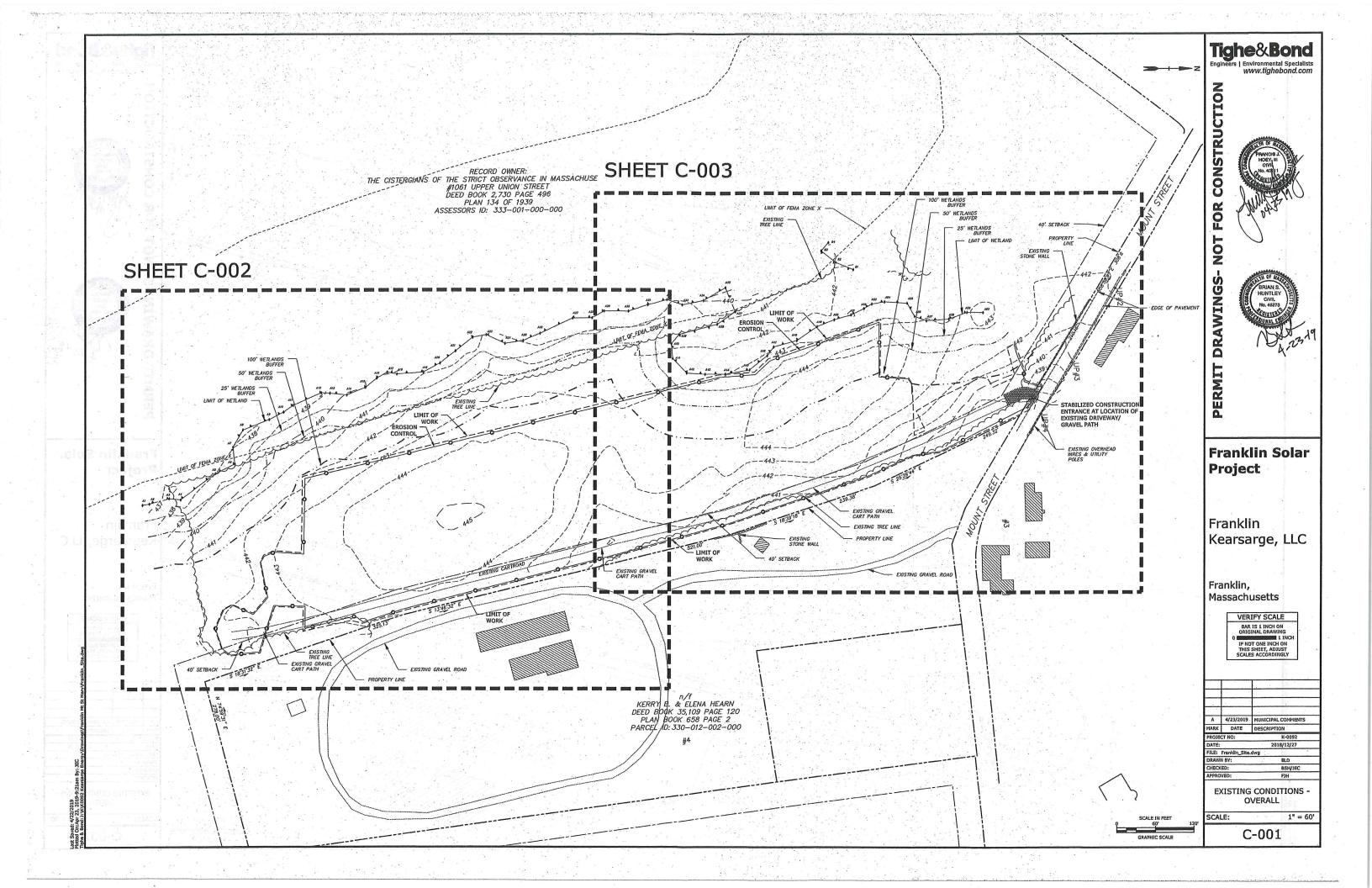
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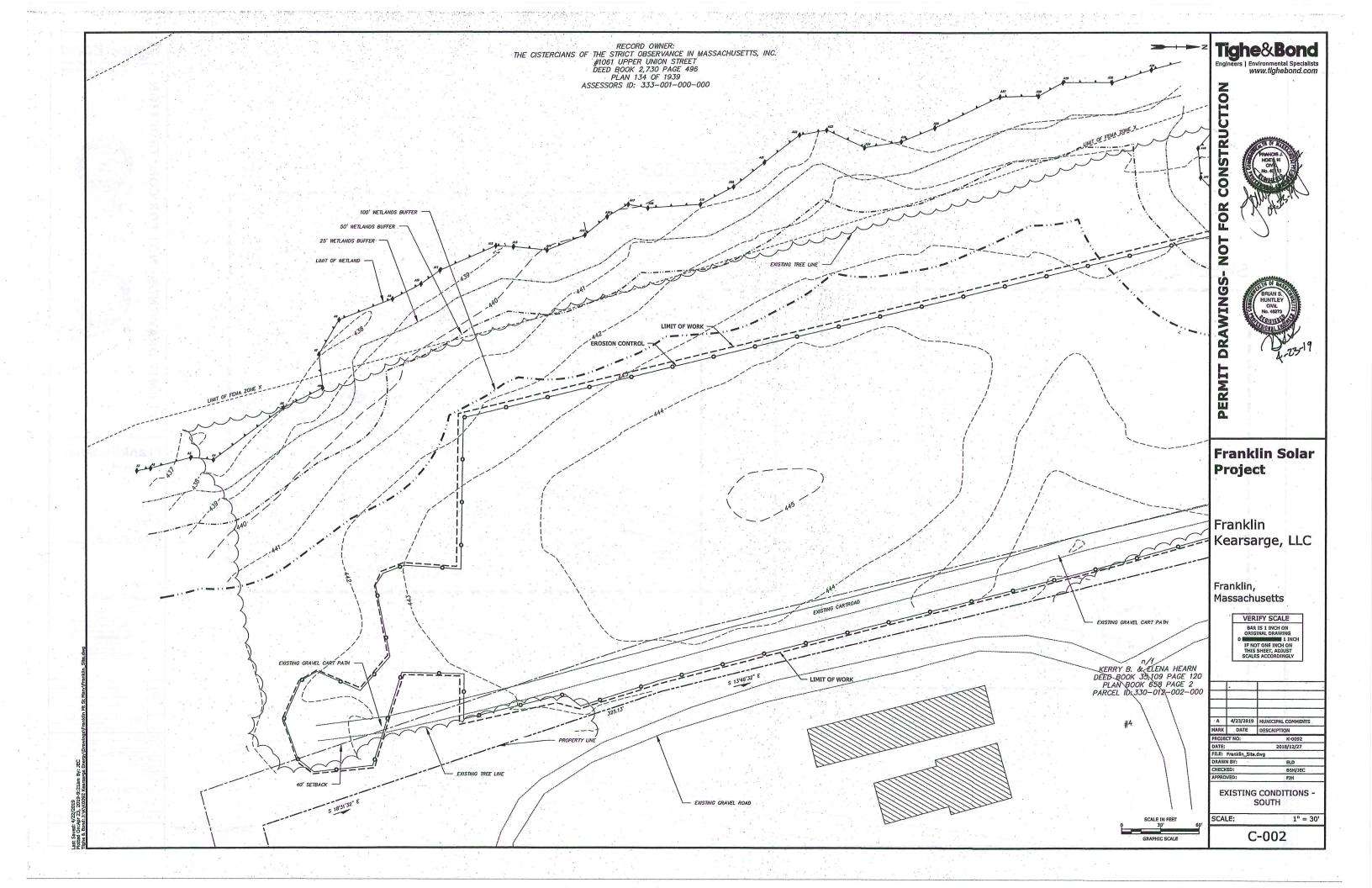
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A	4/23/2019	MUNICIPAL COMMENTS					
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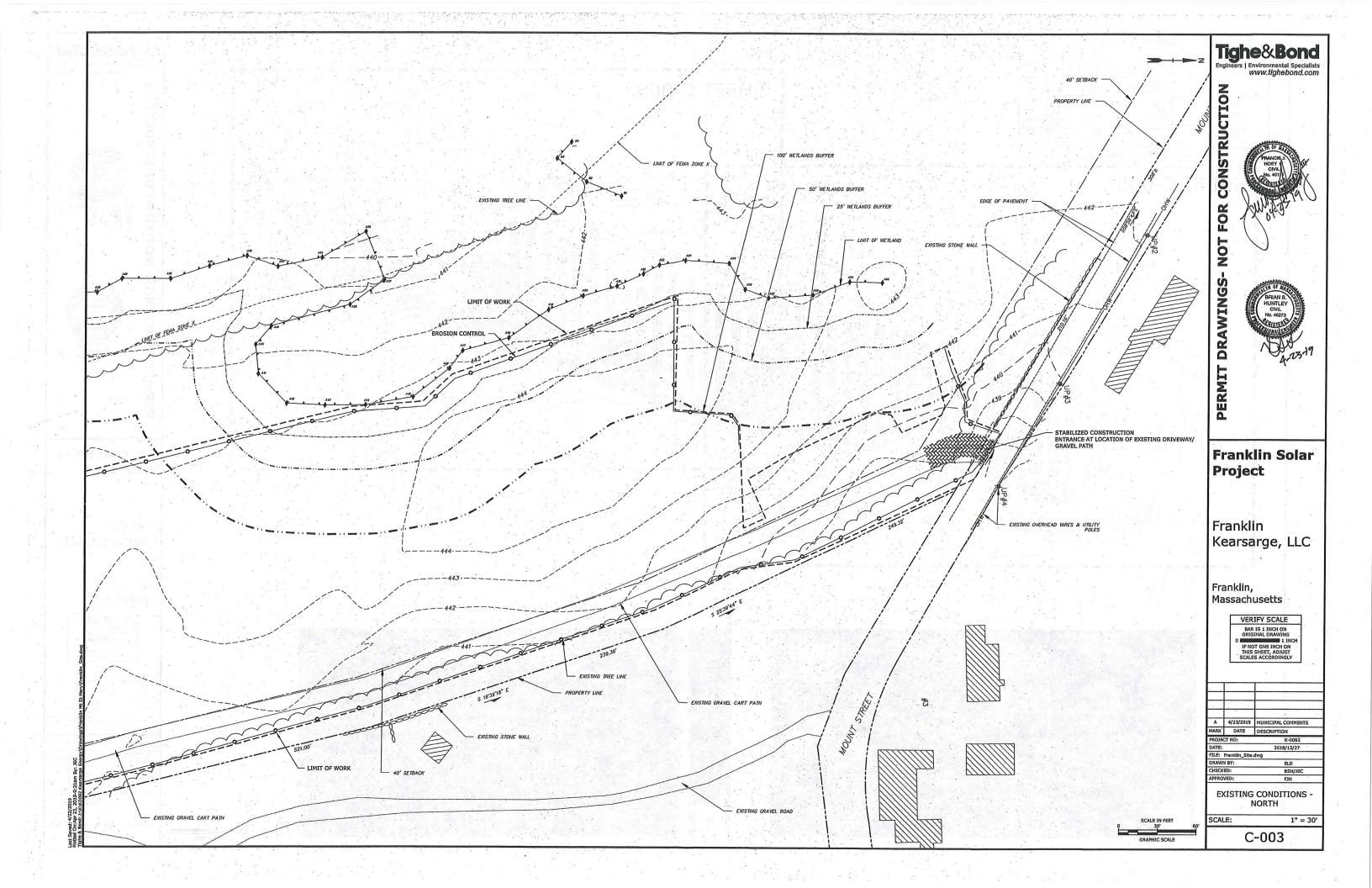
**GENERAL NOTES & LEGEND** 

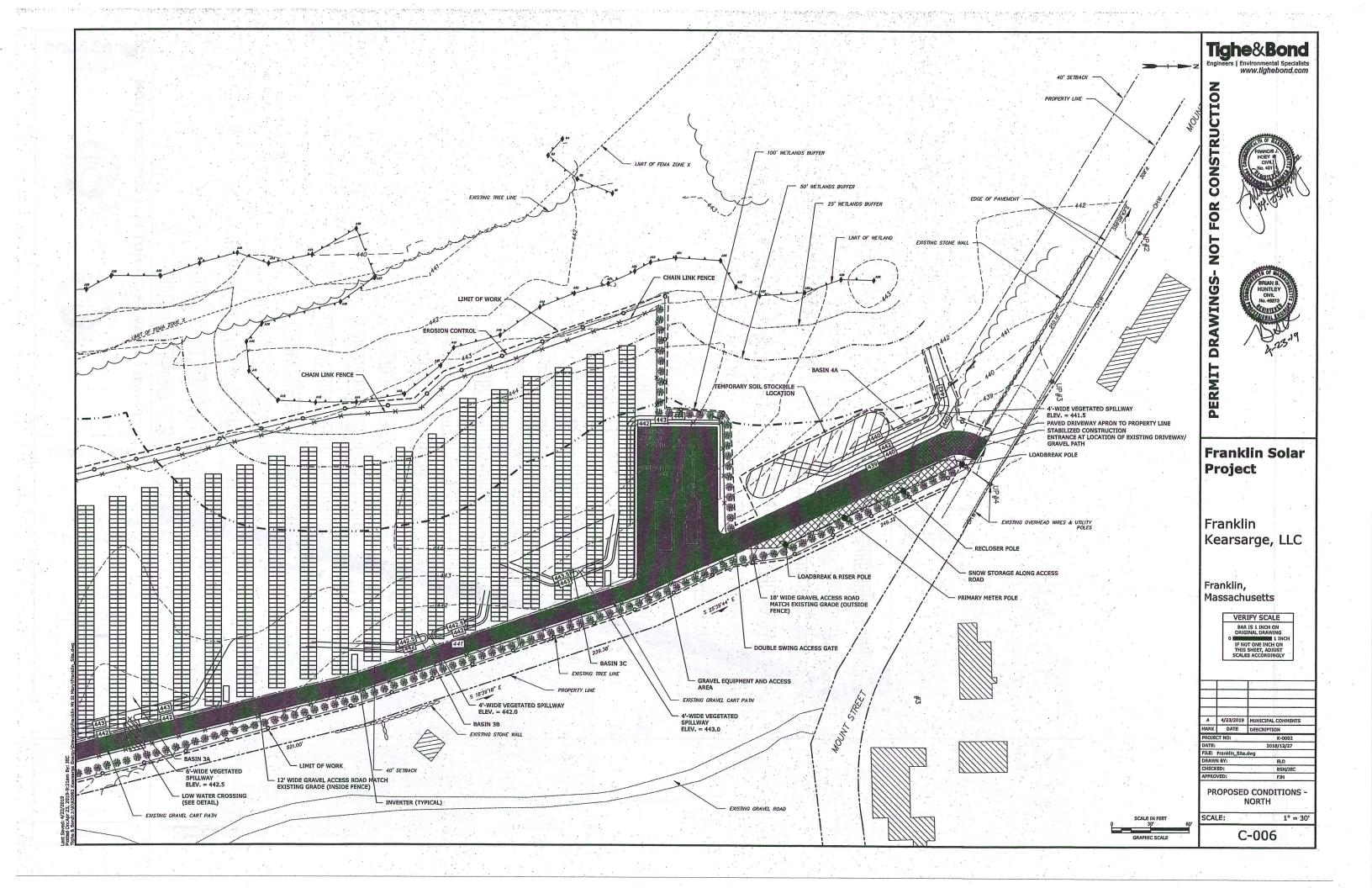
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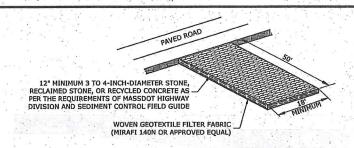
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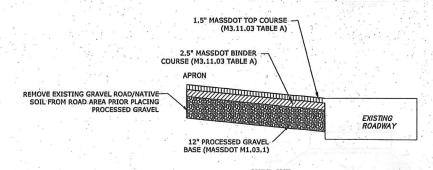


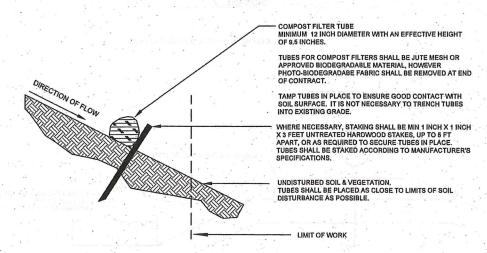


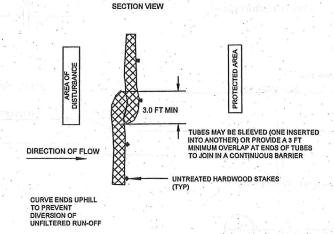


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#### STABILIZED CONSTRUCTION ENTRANCE/EXIT

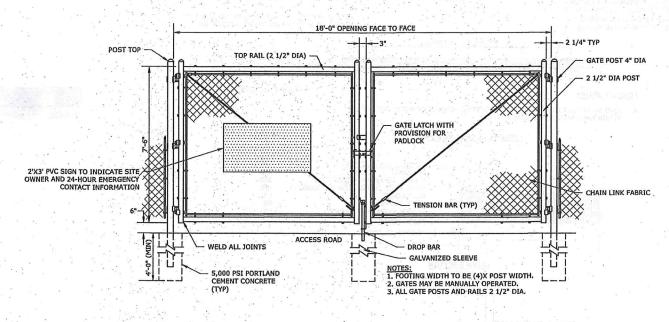






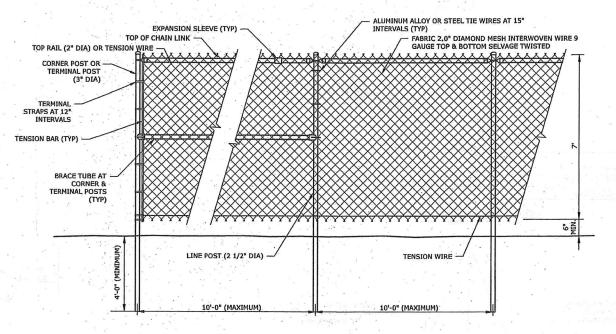
PLAN VIEW

EROSION CONTROL BARRIER
NO SCALE



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### 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.
- 2. CHAIN LINK FABRIC SHALL BE MADE OF 9 GAUGE STEEL WIRE, 2" MESH 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.
- 5. LINE & TERMINAL POSTS, BRACE TUBES, TOP RAILS, & GATE POSTS SHALL ALL BE SCHEDULE 40 PIPE, REFERENCED DIAMETER IS NOMINAL.
- 6. CHAIN LINK FENCE SHALL HAVE 1 "NO TRESPASSING" SIGN & 1 "DANGER-HIGH VOLTAGE-KEEP OUT" SIGN MOUNTED SIDE BY SIDE EVERY 100 FEET AROUND ENTIRE FENCE PERIMETER. SIGNS WILL BE 10-INCHES BY 14-INCHES,

## Tighe&Bond Engineers | Environmental Specialists

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Franklin Kearsarge, LLC

Franklin, Massachusetts

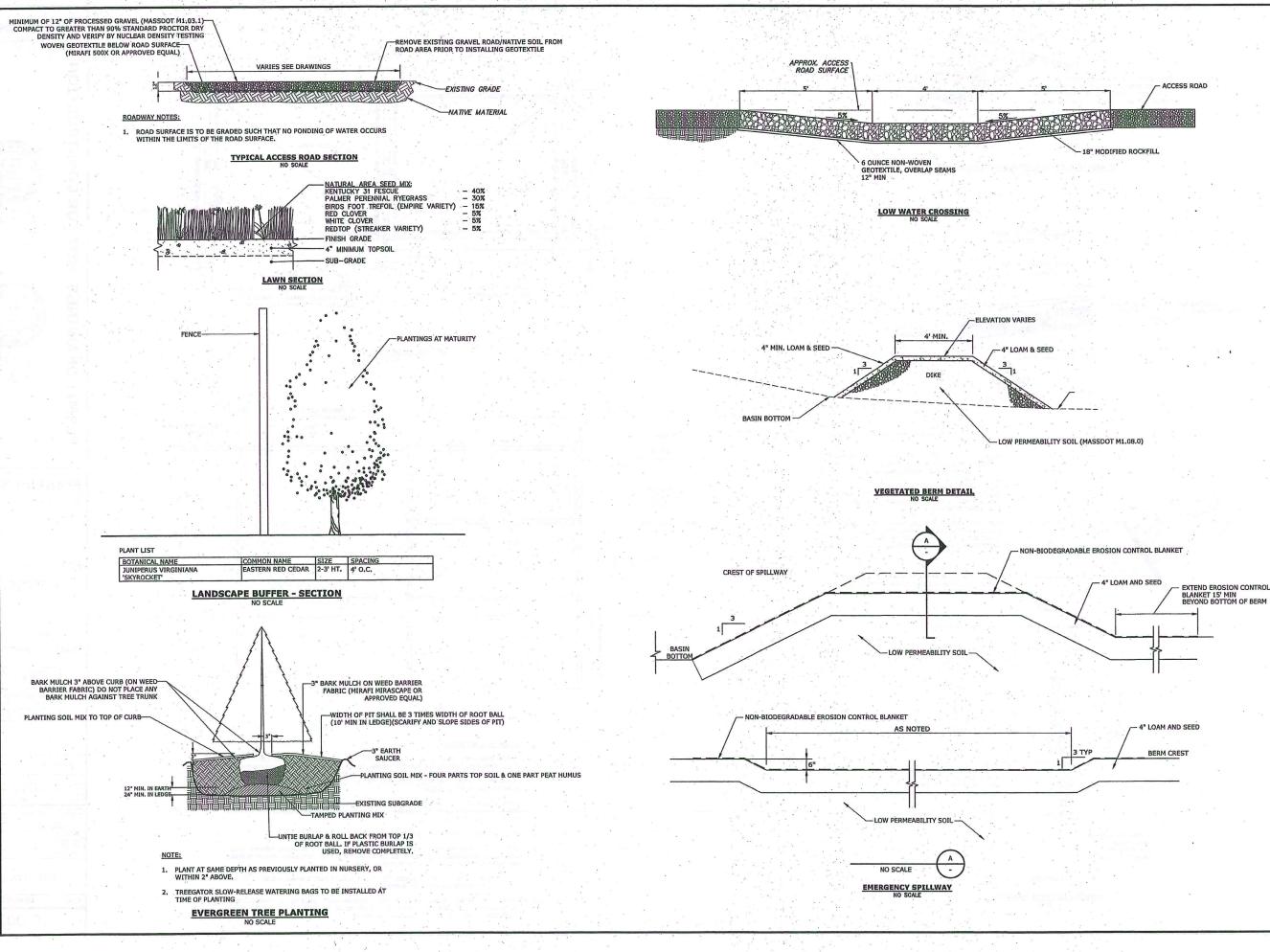
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SITE DETAILS - 1

SCALE: AS NOTED

C-007



Tighe&Bond

CONSTRUCTION FOR NOT

PERMIT DRAWINGS-

Franklin Solar **Project** 

Franklin Kearsarge, LLC

Franklin, Massachusetts

> VERIFY SCALE BAR 15 1 INCH ON ORIGINAL DRAWING 1 INCH
> IF NOT ONE INCH ON
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> SCALES ACCORDINGLY

A 4/23/2019 MUNICIPAL COMMENTS MARK DATE DESCRIPTION 2018/12/27 BSH/JEC

SITE DETAILS - 2

SCALE: AS NOTED

C-008

