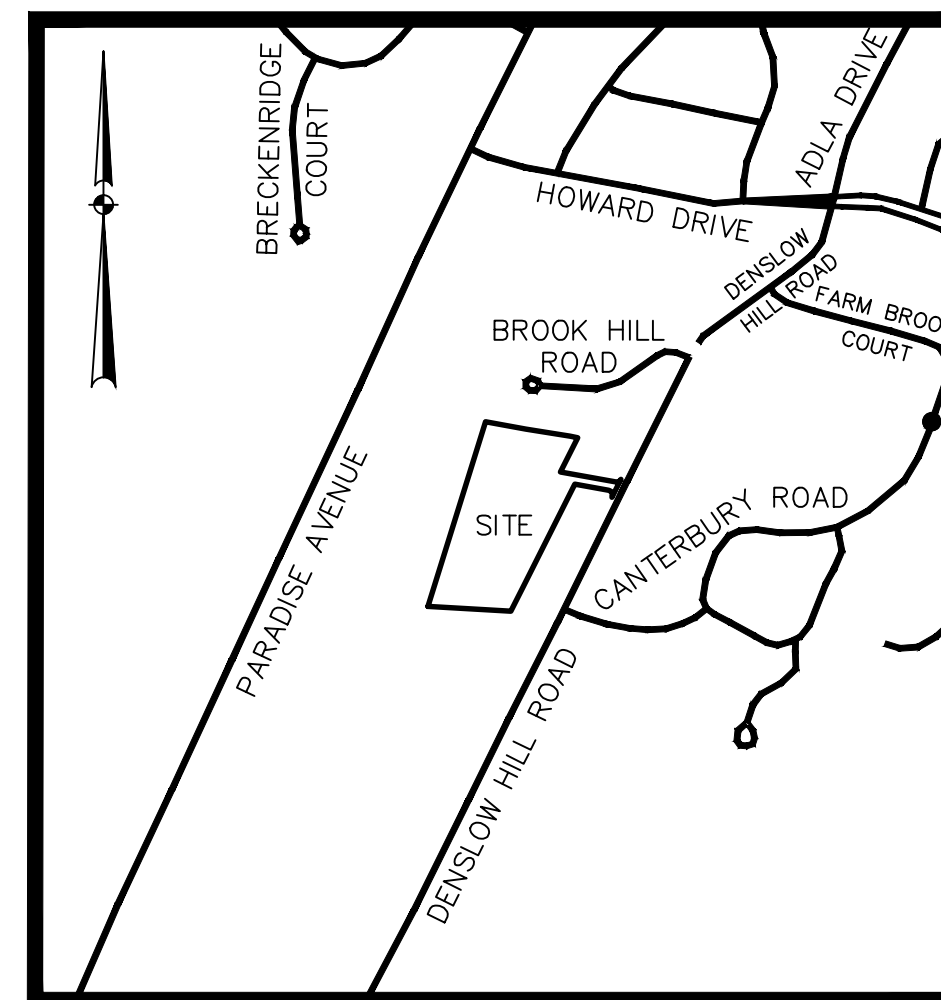


Denslow Hill Solar

410 Denslow Hill Road
Hamden, Connecticut 06514
Map 2626 Lot 33



LOCATION MAP

1"=1000'

Applicant

LSE Libra LLC
40 Tower Lane, Suite 201
Avon, CT 06001

Owner

Clover Ridge Hamden LLC
40 Tower Lane, Suite 201
Avon, CT 06001

Prepared By



J.R. Russo & Associates, LLC
PO Box 938, 1 Shoham Rd East Windsor CT 06088
www.jrusso.com · CT 860.623.0569 · MA 413.785.1158

DRAWING INDEX

SHEET TITLE	SHEET NO.	LATEST REVISION
<u>CIVIL</u>		
COVER SHEET	1 of 6	4-03-24
EXISTING CONDITIONS PLAN	2 of 6	4-03-24
OVERALL AERIAL PLAN	3 of 6	4-03-24
ARRAY SITE PLAN	4 of 6	4-03-24
EROSION CONTROL NOTES & DETAILS	5 of 6	4-03-24
DETAILS	6 of 6	4-03-24

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- Reference Maps:**
- Map 374A Hamden Land Records "Section One Denslow Hill Terrace Hamden, Connecticut Scale: 1 IN.=50 FT. Date: Sept. 22, 1967".
 - Map 485 Hamden Land Records "Map Of Land Rights To Be Acquired From The United Illuminating Company For The Farm Brook Watershed Program Hamden, Conn." Goodkind & O'Dea, Consulting Engineers Hamden, Conn. Map No. 351-02-23 Russell S. Andres Date 10/24/69.
 - Map 515A Hamden Land Records "Brook Hill Hamden Conn. Owner: Morris & MaryLou Cohen Scale 1"=50' May 15, 1974."
 - Map 521A Hamden Land Records "Brook Hill Sect. Two Hamden Conn." Scale 1"=50' Aug. 10, 1975 Rev. Oct., 1975"
 - "Property Survey Prepared For: Housewright Development Denslow Hill Road Hamden, Connecticut" Milone & Macbroom Scale 1"=40' Date June 15, 1999 Project No. 1927-01 Sheet No. 2. Revised Sept. 30 1999.
 - "Record Subdivision Map/Limited Property Boundary Survey Delucia 2-Lot Subdivision Prepared For Giuseppe And Amalia Delucia 270 Denslow Hill Road, Hamden, Connecticut" By Godfrey & Hoffman Associates, LLC Date: 12-28-2017 Scale: 1"=50' Project: 17-071 Drawing 1 Of 1 Revised 4/16/18.

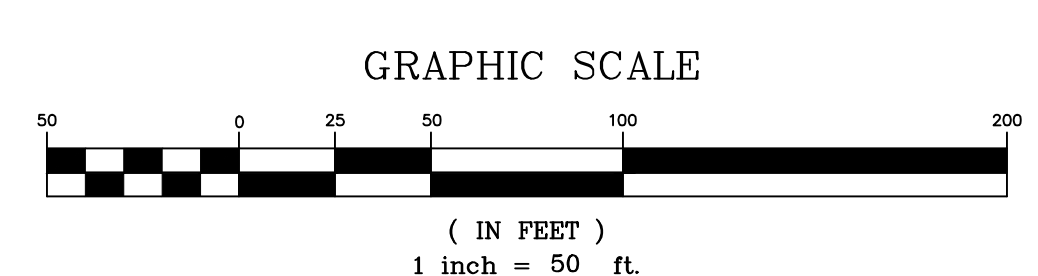
DATA BLOCK

	ZONE R-1	ZONE R-3
MIN. LOT WIDTH:	200'	100'
MIN. AREA:	80,000 S.F.	20,000 S.F.
FRONT YARD:	50'	40'
SIDE YARD:	30'	15'
REAR YARD:	50'	40'
MAX. BLDG COVERAGE:	15%	20%
MAX. IMPERV. COVERAGE:	20%	25%

- Notes:**
- Subject parcel is not located within inland wetlands per the Town of Hamden GIS.
 - Subject parcel is not located within a flood hazard zone per FEMA Flood Insurance Rate Map Panel 293 of 635 Map Number 09009C0293J Map Revised May 16, 2017 and Panel 431 of 635 Map Number 09009C0431J Map Revised May 16, 2017.
 - Topography and existing conditions shown hereon is based on aerial photography and is not the result of a field survey by J.R. Russo & Associates, LLC.
 - Underground utilities exist within Denslow Hill Road and are not shown hereon.
 - Horizontal datum is NAD 83. Vertical datum is NAVD 88.
 - 336 & 410 Denslow Hill Road conveyed subject to the following: Right of way for a sanitary sewer line and right of way for storm water drainage as reserved in Volume 597 Page 600 and Volume 600 Page 600. (See location adjacent to north property line.)
 - All underground utility locations on this plan are approximate and may not be complete. Anyone using this information without verifying the locations does so at their own risk. No construction will be done on this site prior to utility mark out. "Call Before You Dig 1-800-922-4455".

This survey and map has been prepared in accordance with Sections 20-300b-1 thru 20-300b-20 of the Regulations of Connecticut State Agencies - "Minimum Standards for Surveys and Maps in the State of Connecticut" as endorsed by the Connecticut Association of Land Surveyors, Inc. It is a Property Survey based on a Resurvey conforming to Horizontal Class A-2 & a Topographic Survey conforming to Class T-3.

This document and copies thereof are valid only if they bear the live signature and embossed seal of the designated professional. Unauthorized alterations render any declaration hereon null and void.



- LEGEND**
- EXISTING UTILITY POLE
 - ☆ EXISTING LIGHT POLE
 - OH- EXISTING OVERHEAD UTILITIES
 - EXISTING CATCH BASIN
 - ⊕ EXISTING SIGN
 - Ⓜ EXISTING MAILBOX
 - Ⓢ EXISTING IRON PIN (FOUND)
 - EXISTING SPOT GRADE
 - EXISTING CONTOUR
 - EXISTING STONE WALL
 - EXISTING TREETRUNK
 - EXISTING TREELINE
 - EASEMENT LINE
 - BUILDING LINE

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

RUSSO
SURVEYORS-ENGINEERS
SERVING CT & MA
J.R. Russo & Associates, LLC
PO Box 988, Shoham Rd East Windsor, CT 06088
www.jrusso.com • CT 860.623.0569 • MA 401.651.858

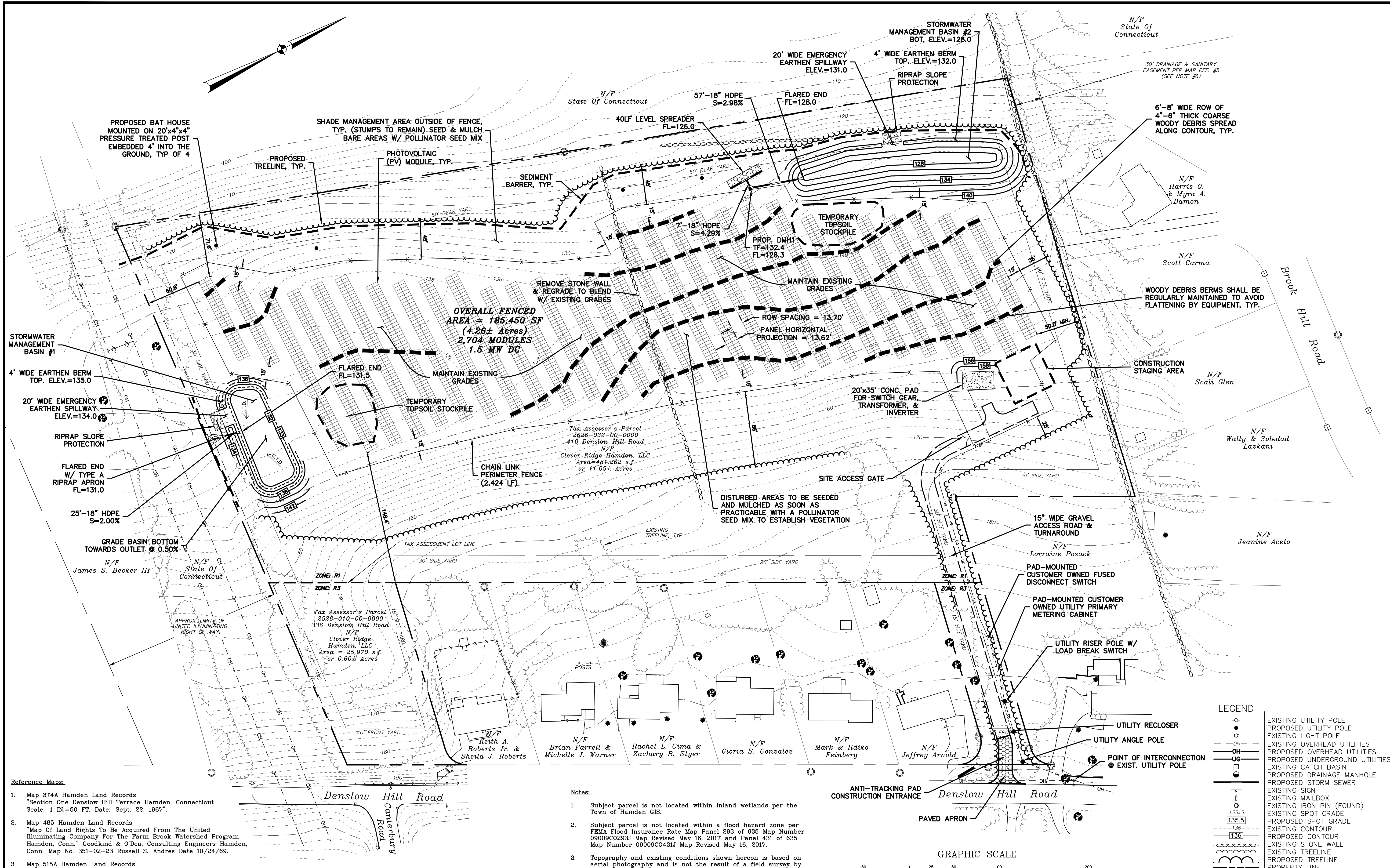
LODESTAR ENERGY

REVISIONS	
BY: CJC	CHK: TAC

Denslow Hill Solar

410 Denslow Hill Road
Hamden, Connecticut 06514
MBL: 2626-033-00-0000 (Zones: R-1 & R-3)

Existing Conditions Plan	
DATE	2-05-24
SCALE	1"=50'
JOB NUMBER	2023-024
SHEET	2 of 6



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This document and copies thereof are valid only if they bear the live signature and embossed seal of the designated professional. Unauthorized alterations render any declaration hereon null and void.

LEGEND

	EXISTING UTILITY POLE
	PROPOSED UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING OVERHEAD UTILITIES
	PROPOSED OVERHEAD UTILITIES
	EXISTING UNDERGROUND UTILITIES
	PROPOSED UNDERGROUND UTILITIES
	EXISTING CATCH BASIN
	PROPOSED DRAINAGE MANHOLE
	PROPOSED STORM SEWER
	EXISTING SIGN
	EXISTING MAILBOX
	EXISTING IRON PIN (FOUND)
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING STONE WALL
	EXISTING TREELINE
	PROPOSED TREELINE
	PROPERTY LINE
	EASEMENT LINE
	BUILDING LINE
	STAKED HAYBALES OR SILT FENCE

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

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LODESTAR ENERGY

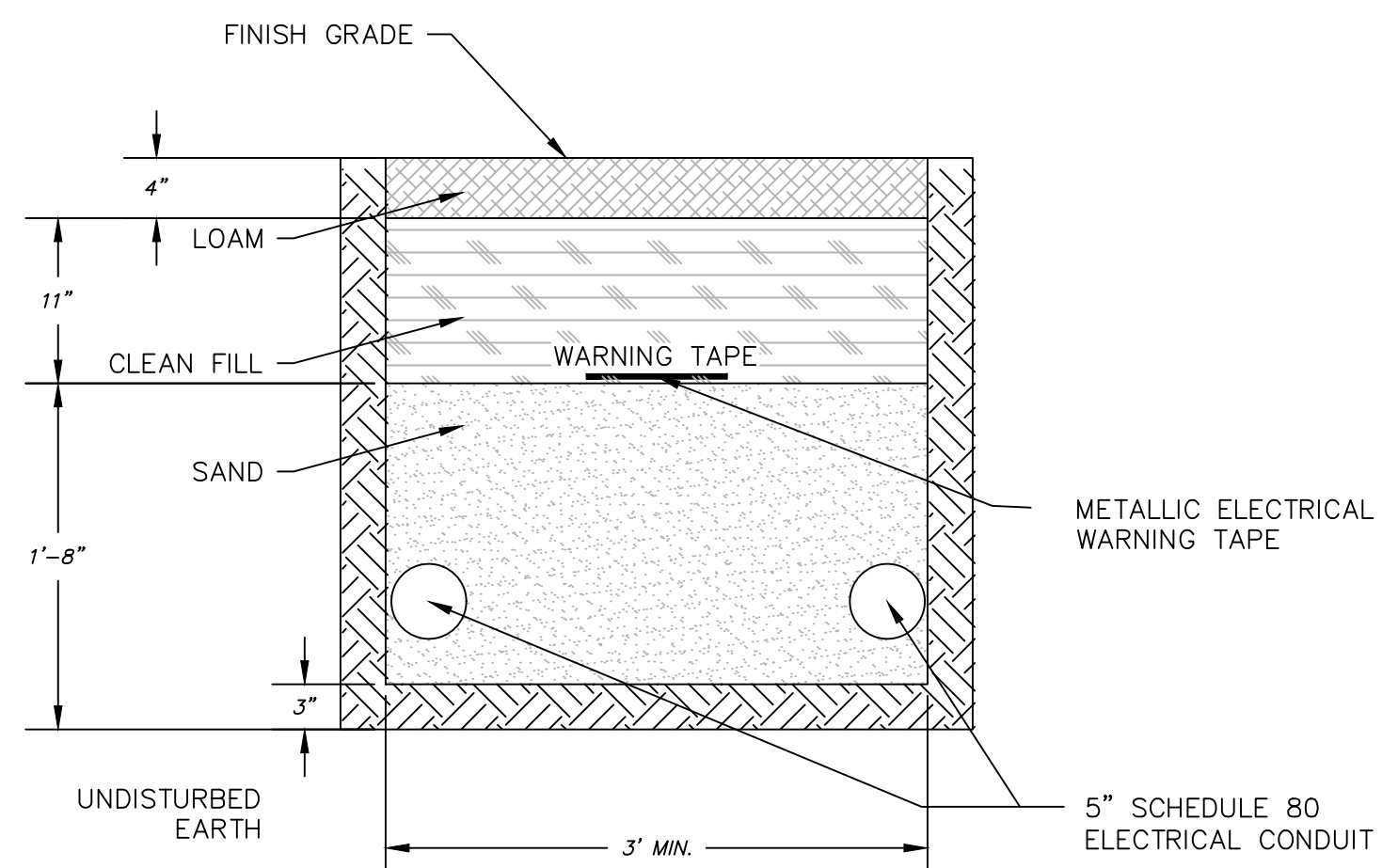
REVISIONS	
BY: JU	CHK: JEU

Denslow Hill Solar

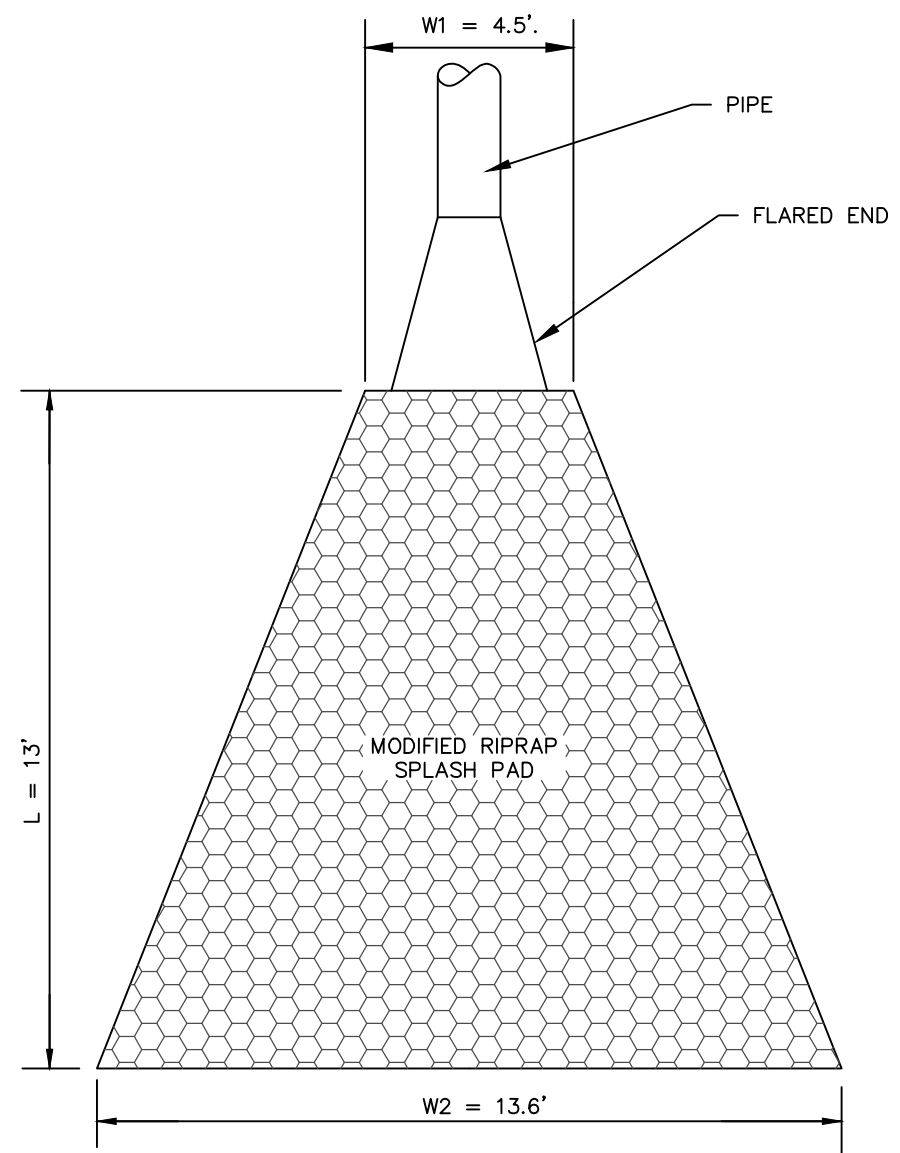
410 Denslow Hill Road
Hamden, Connecticut 06514
MBL: 2626-033-00-0000 (Zones: R-1 & R-3)

Array Site Plan

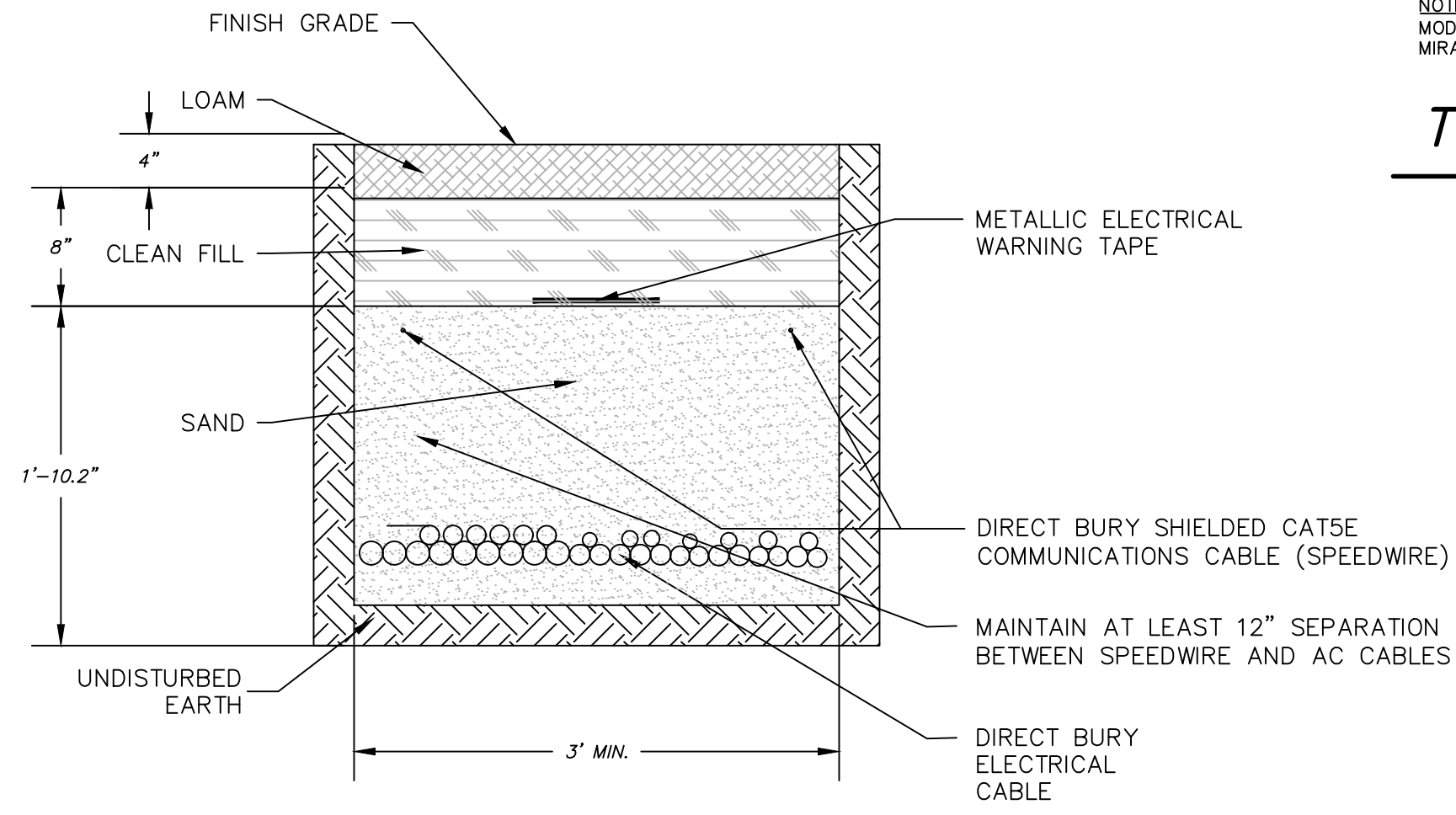
DATE	2-05-24
SCALE	1"=50'
JOB NUMBER	2023-024
SHEET	4 of 6



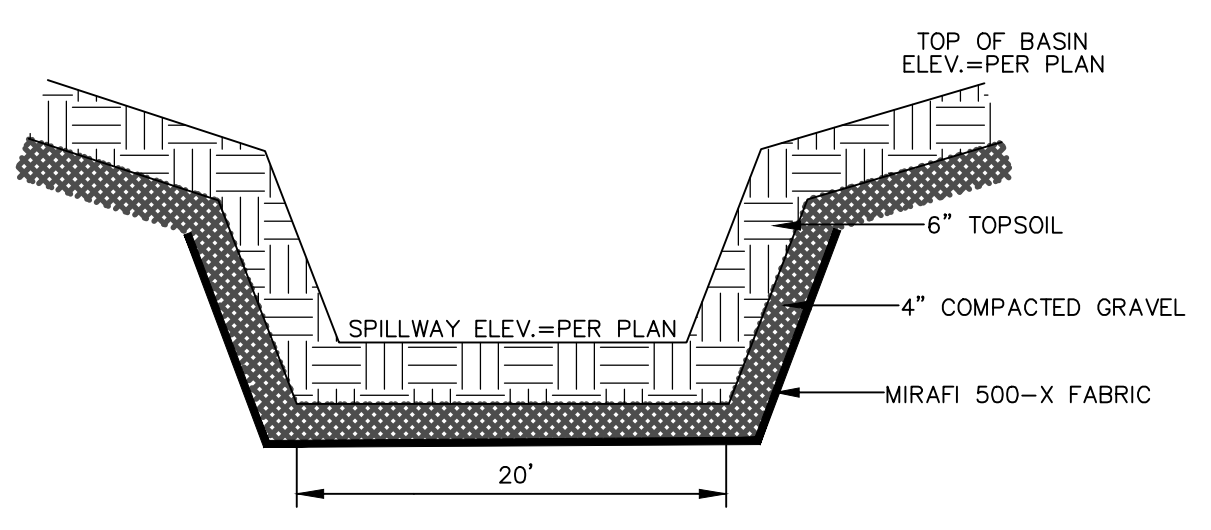
MEDIUM VOLTAGE CABLE TRENCH DETAIL (MV)
NOT TO SCALE



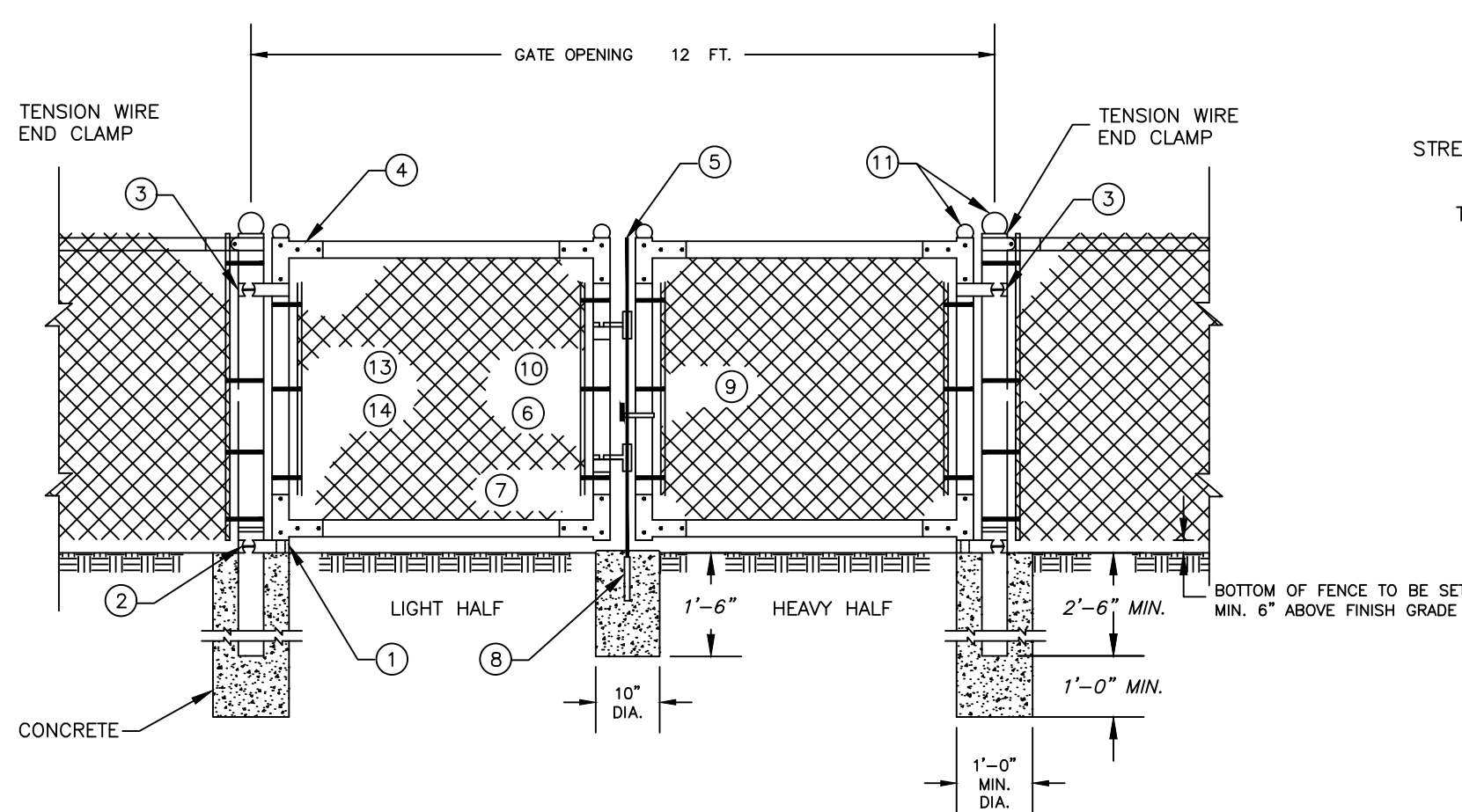
TYPE A RIPRAP APRON (OP)
N.T.S.



INVERTER POWER & COMMS CABLE TRENCH DETAIL (INV/C)
NOT TO SCALE



EARTHEN SPILLWAY
NOT TO SCALE

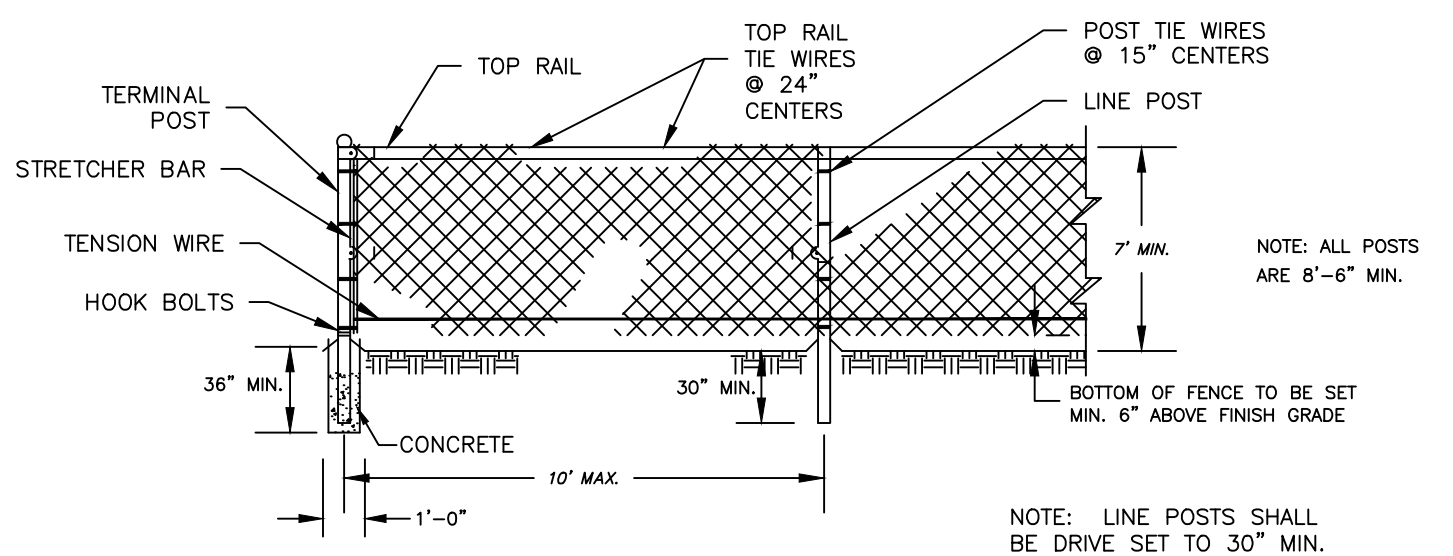


LEGEND

PART NO.	DESCRIPTION	QUANTITY
1	STRAIGHT PLUG	2
2	BOTTOM HINGE	2
3	TOP HINGE	2
4	CORNER ELBOW	8
5	PLUNGER ROD	1
6	LATCH FORK	2
7	FORK CATCH	2
8	PLUNGER ROD CATCH	1
9	LOCK KEEPER GUIDE	1
10	LOCK KEEPER	1
11	ORNAMENTAL TOPS	6
12	TRUSS RODS	4
13	STRETCHER BAR	4
14	HOOK BOLTS	12

NOTE: THE FENCING SHALL BE #9 GAGE FENCE FABRIC, STANDARD 2-INCH CHAIN LINK DIAMOND MESH.

CHAIN LINK FENCE DETAIL
NOT TO SCALE



SHAPE, SIZE AND WEIGHT REQUIREMENTS FOR FENCE POSTS AND RAILS

ITEM	SHAPE	OUTSIDE DIMENSIONS INCHES	WEIGHT LBS./LIN. FT.
** TERMINAL POSTS	ROUND	2.375	3.65
** LINE POSTS	*ROUND	1.90	2.72
TOP & BRACE RAILS	*ROUND	1.66	2.27
	*ROUND	1.66	1.84

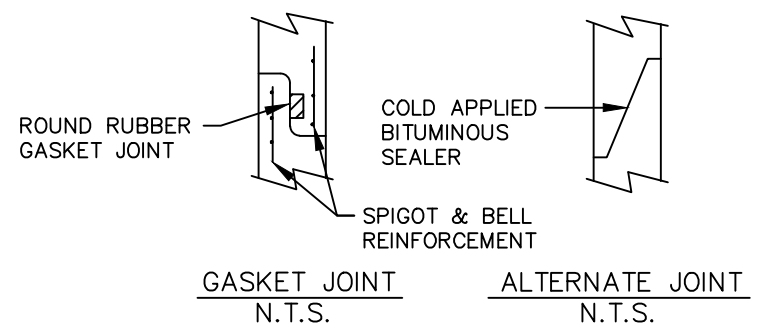
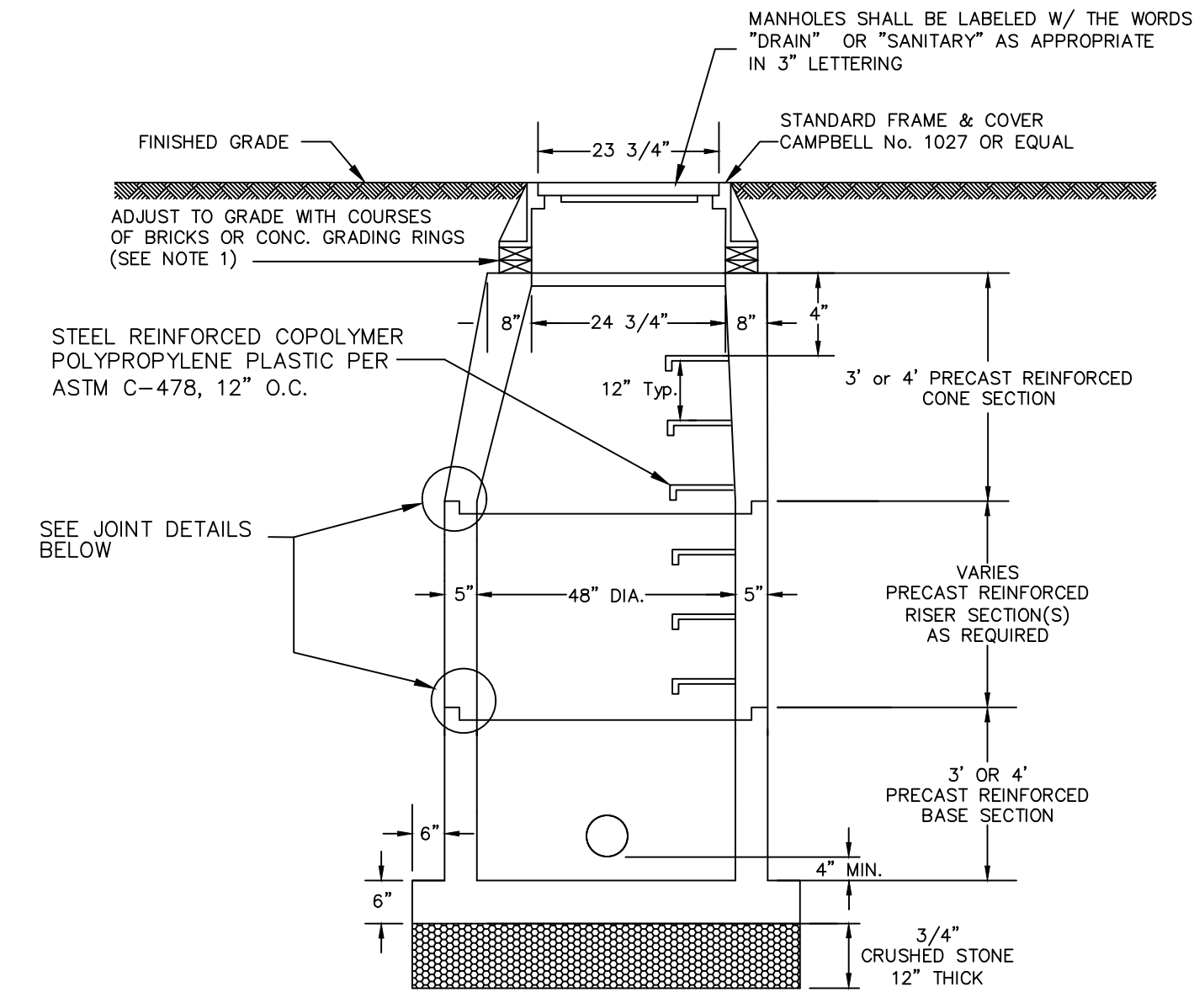
GATE FRAME MEMBERS SIZE AND WEIGHT

GATE FRAME	OUTSIDE DIMENSIONS INCHES	WEIGHT LBS./LIN. FT.
ROUND	1.66	2.27
*ROUND	1.66	1.84

GATE POST SIZE AND WEIGHT

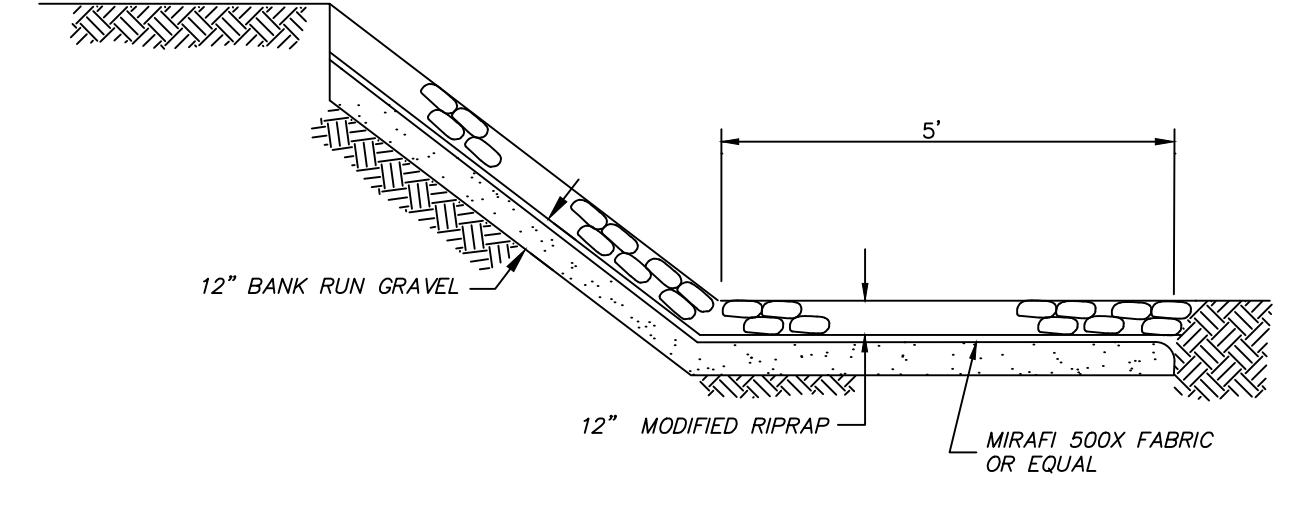
GATE LEAF WIDTH OF 6 FT. OR LESS	OUTSIDE DIMENSIONS INCHES	WEIGHT LBS./LIN. FT.
ROUND	2.875	5.79
*ROUND	2.875	4.64

- CONSTRUCTION NOTES**
- MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE MANUFACTURER'S SPECIFICATIONS.
 - ALL POSTS SHALL BE INSTALLED VERTICALLY. WHERE POSTS ARE INSTALLED ON AN INCLINED SURFACE, THE ANGLE OF THE POST SHALL BE ADJUSTED SO THAT THE POST WILL BE VERTICAL.
 - THE FENCING SHALL BE #9 GAGE FENCE FABRIC, STANDARD 2-INCH CHAIN LINK DIAMOND MESH.

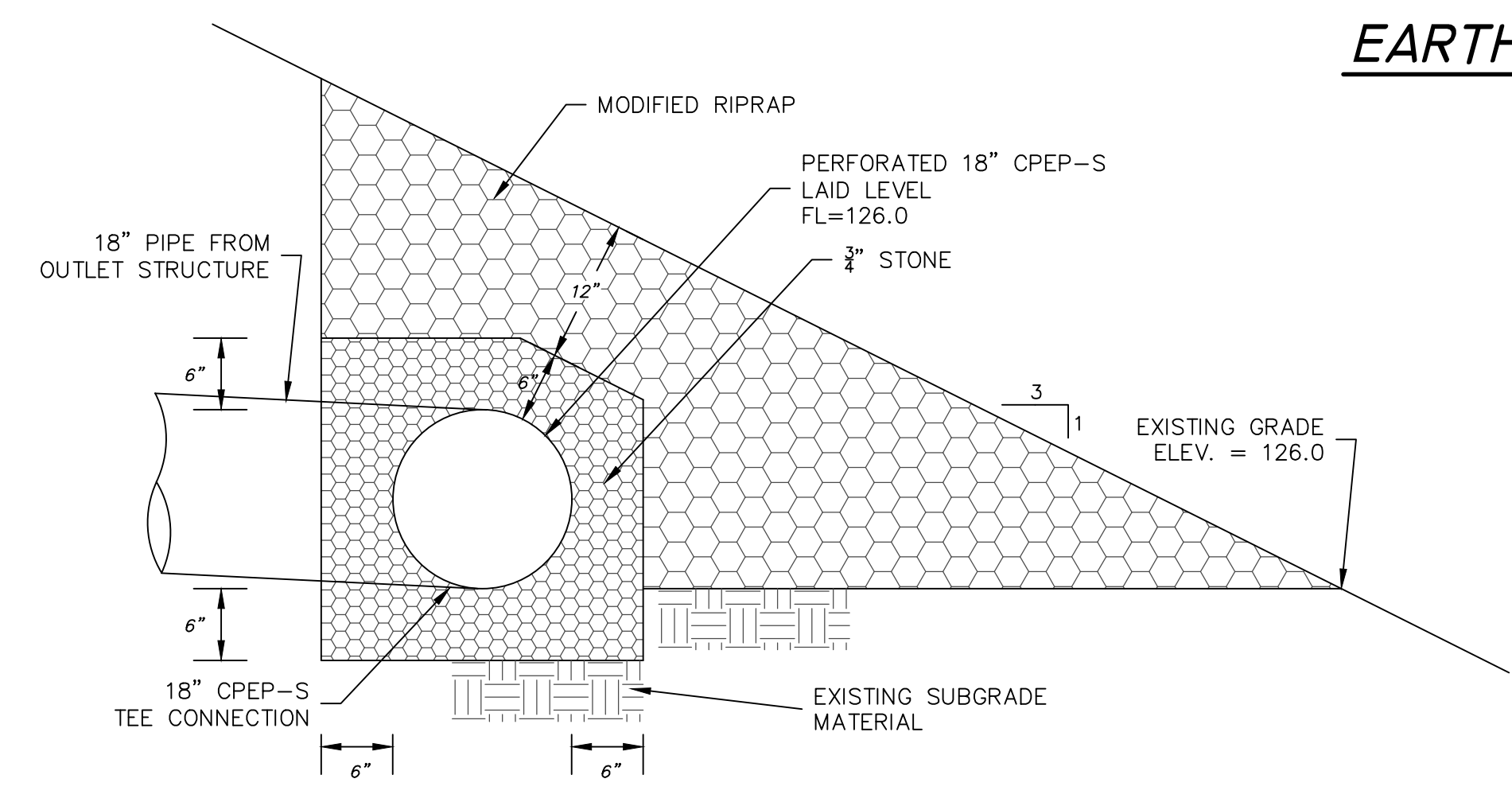


- NOTES:**
- MINIMUM COVER OVER TOP OF PIPE SHALL BE 2'-0" UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 - TOP STEP TO BE A MAXIMUM OF 24" BELOW TOP OF MANHOLE FRAME & COVER.
 - WALL THICKNESS SHALL BE SUFFICIENT TO MEET HS 20 LOADING.
 - MANHOLE INSIDE DIAMETER MAY BE INCREASED AS DIRECTED BY THE ENGINEER TO ACCOMMODATE SIZE AND NUMBER OF PIPES. INCREASE WALL THICKNESS 1" FOR EACH 1 FT. OF INSIDE DIAMETER INCREASE.
 - FOR SHALLOW STRUCTURES, USE 8" SLAB IN PLACE OF CONE SECTION.
 - ALL PIPES SHALL BE CUT FLUSH WITH INSIDE WALLS. FILL LIFTING HOLES WITH MORTAR.

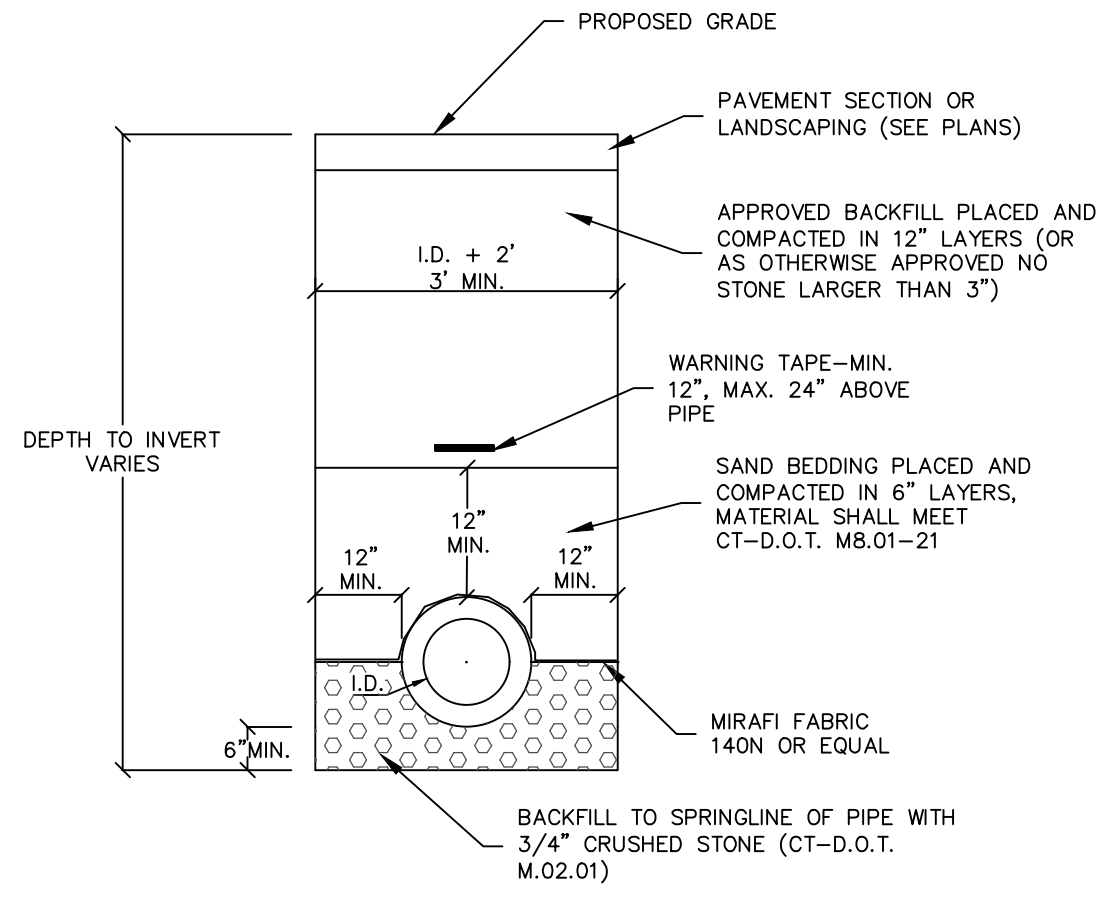
PRECAST CONCRETE MANHOLE
NOT TO SCALE



RIPRAP SLOPE PROTECTION AT SPILLWAY
NOT TO SCALE



LEVEL SPREADER SECTION
NOT TO SCALE



STANDARD STORM DRAIN DETAIL
NOT TO SCALE