

BURLINGTON SOLAR ONE, LLC

Prospect Street Burlington, Connecticut



LIST OF DRAWINGS:

- 1 COVER SHEET
- 2 PROPERTY SURVEY
- 3 IMPROVEMENT LOCATION SURVEY
- 4 EROSION & SEDIMENTATION CONTROL PLAN - PHASE 1
- 5 EROSION & SEDIMENTATION CONTROL PLAN - PHASE 2
- 6 EROSION & SEDIMENTATION CONTROL PLAN - PHASE 3
- 7 FINAL GRADING PLAN
- 8 STORMWATER QUALITY BASIN #1
- 9 STORMWATER QUALITY BASIN #2
- 10 GRADING PLAN (COLOR)
- 11 LANDSCAPING PLAN
- 12 SITE DETAILS
- 13 SEDIMENT & EROSION CONTROL - DETAILS SHEET
- 14 PRE-DEVELOPED DRAINAGE MAP
- 15 DEVELOPED DRAINAGE MAP

REVISIONS:

- 10-30-20; Revised Panel Layout
- 02-10-21; First Design Submittal
- 04-07-21; Revised Landscaping
- 06-29-21; Revised Panel Layout and DEEP Comments
- 07-30-21; As per DEEP Comments

PREPARED FOR: Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, Connecticut 06103

ENGINEER: R. R. Hiltbrand Engineers & Surveyors
575 North Main Street
Bristol, Connecticut
06010

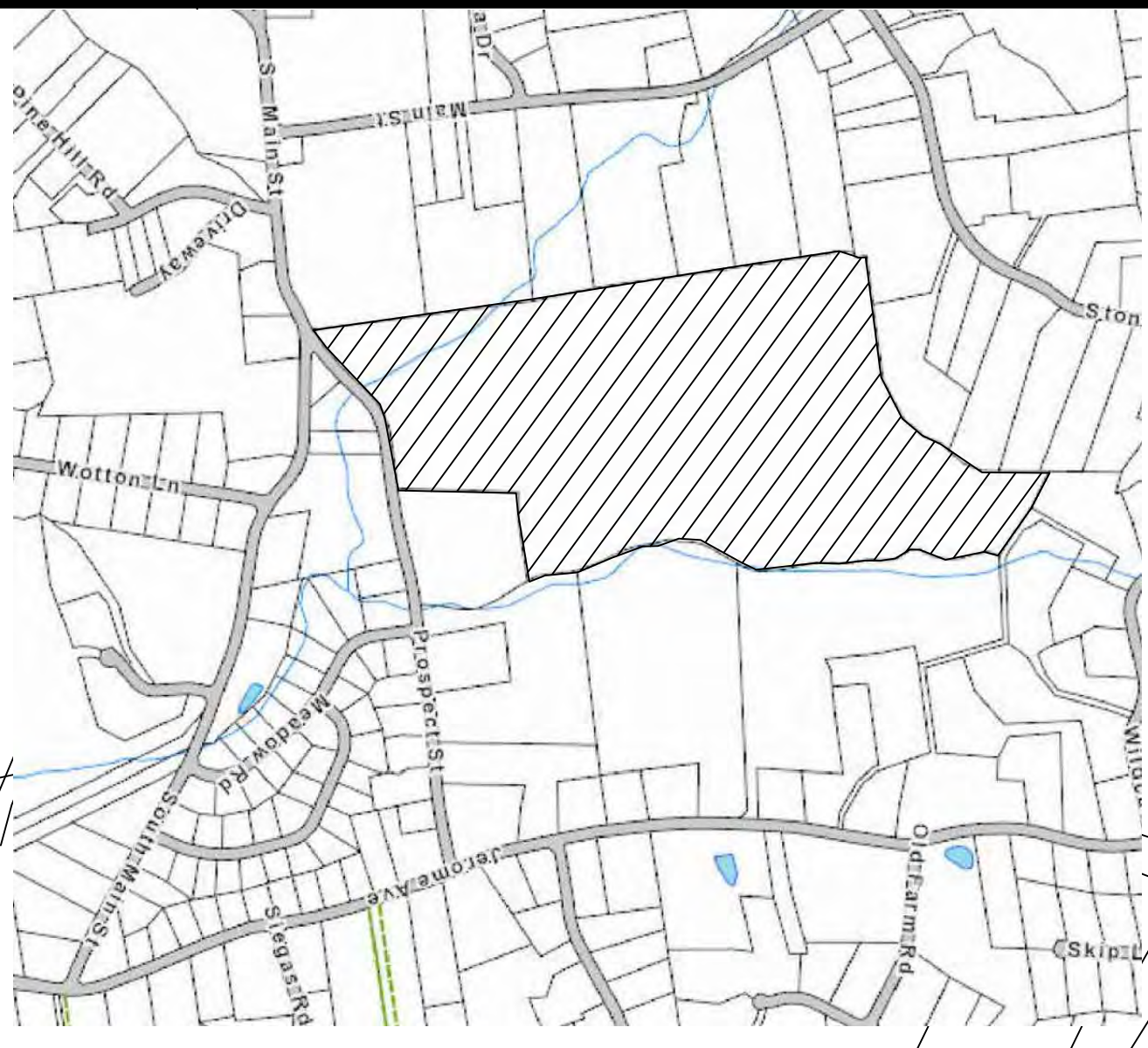
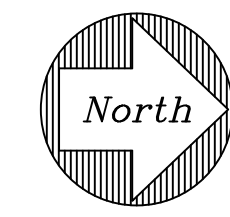
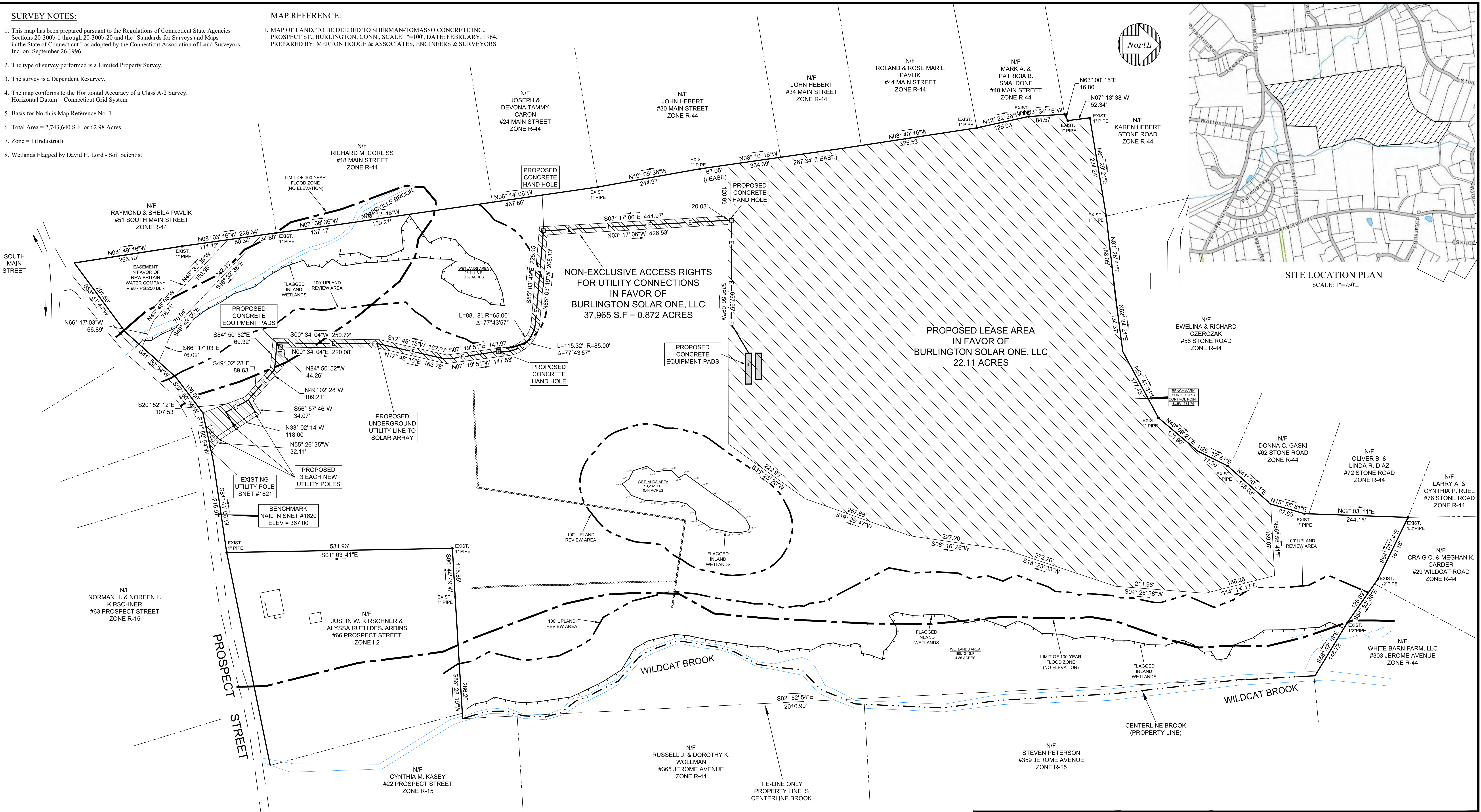


SURVEY NOTES:

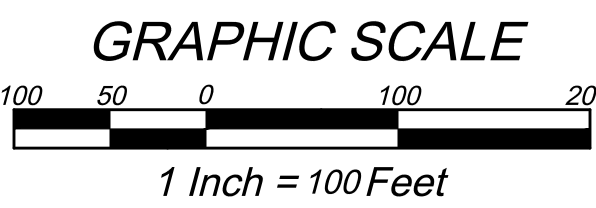
1. This map has been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996.
2. The type of survey performed is a Limited Property Survey.
3. The survey is a Dependent Resurvey.
4. The map conforms to the Horizontal Accuracy of a Class A-2 Survey.
Horizontal Datum = Connecticut Grid System
5. Basis for North is Map Reference No. 1.
6. Total Area = 2,743,640 S.F. or 62.98 Acres
7. Zone = I (Industrial)
8. Wetlands Flagged by David H. Lord - Soil Scientist

MAP REFERENCE:

1. MAP OF LAND, TO BE DEEDED TO SHERMAN-TOMASSO CONCRETE INC., PROSPECT ST., BURLINGTON, CONN., SCALE 1"=100', DATE: FEBRUARY, 1964. PREPARED BY: MERTON HODGE & ASSOCIATES, ENGINEERS & SURVEYORS



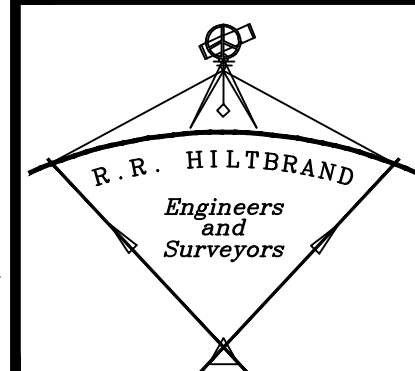
SITE LOCATION PLAN
SCALE: 1"=750'±



UTILITY NOTE:
LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED UPON FIELD SURVEY OF VISIBLE SURFACE STRUCTURES SUCH AS CATCH BASINS AND MANHOLES, TOGETHER WITH RECORD MAPPING OBTAINED FROM UTILITY COMPANIES AND GOVERNMENTAL AGENCIES AS NOTED UNDER MAP REFERENCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. IN ADDITION, OTHER UTILITIES MAY ALSO EXIST, UNKNOWN TO THE SURVEYOR. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS MAP AND SURVEY WERE PREPARED IN ACCORDANCE WITH THE STANDARDS OF A CLASS "A-2" SURVEY AS DEFINED IN THE CODE OF PRACTICE FOR STANDARDS OF ACCURACY OF SURVEYS AND MAPS, ADOPTED SEPT. 26, 1996 AS AMENDED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INCORPORATED.

PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103



PROPERTY SURVEY
Lot 33
Prospect Street
Burlington, Connecticut
June 16, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISED 06/29/21: REVISED LEASE AREA AND DEEP COMMENTS
REVISED 02/10/21: FIRST DESIGN SUBMITTAL

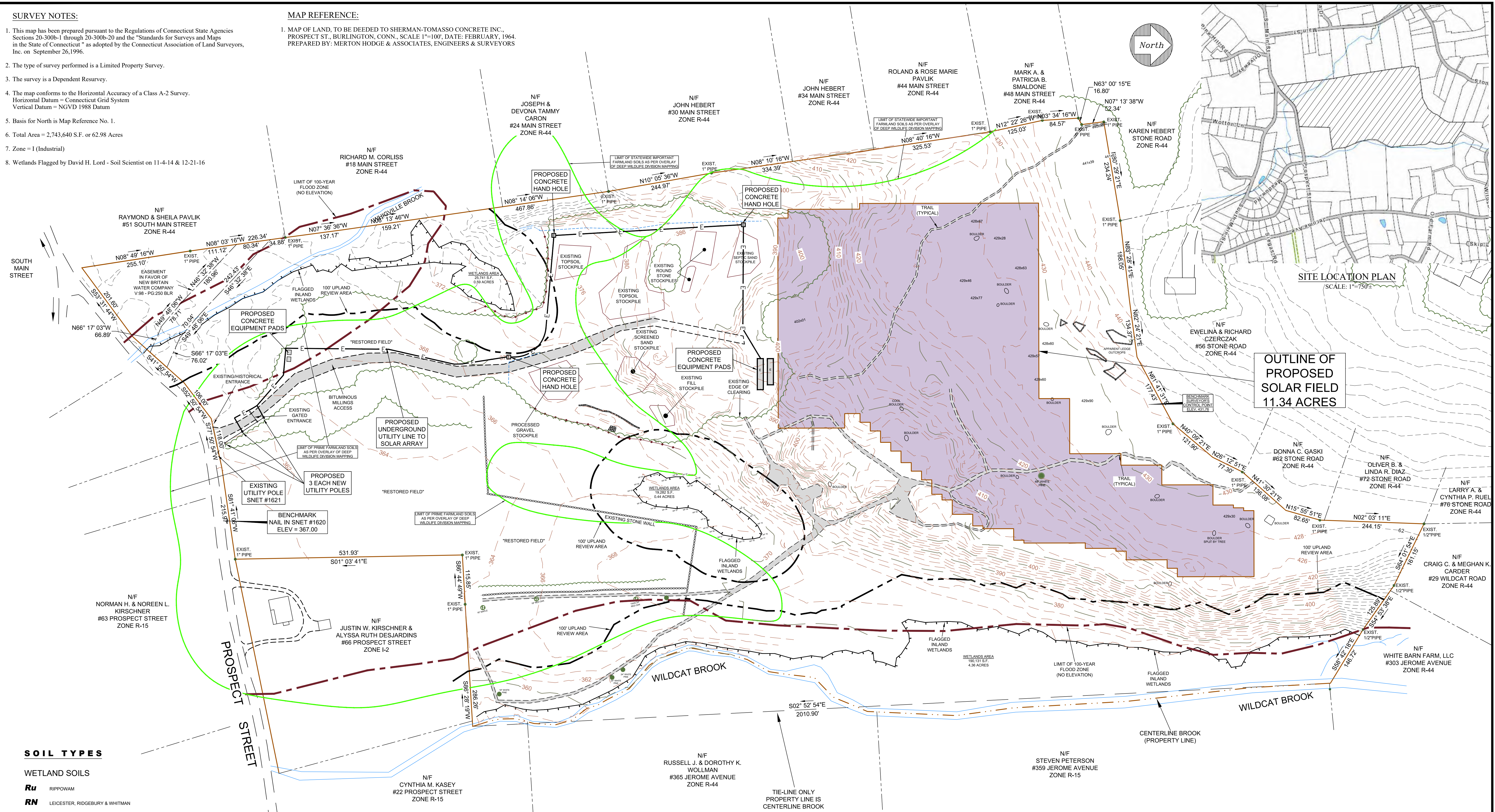
CARMINE J. MATRASCIA - L.S. # 70219
NOT VALID WITHOUT EMBOSSED SEAL

SURVEY NOTES:

1. This map has been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996.
2. The type of survey performed is a Limited Property Survey.
3. The survey is a Dependent Resurvey.
4. The map conforms to the Horizontal Accuracy of a Class A-2 Survey. Horizontal Datum = Connecticut Grid System Vertical Datum = NGVD 1988 Datum
5. Basis for North is Map Reference No. 1.
6. Total Area = 2,743,640 S.F. or 62.98 Acres
7. Zone = 1 (Industrial)
8. Wetlands Flagged by David H. Lord - Soil Scientist on 11-4-14 & 12-21-16

MAP REFERENCE:

1. MAP OF LAND, TO BE DEEDED TO SHERMAN-TOMASSO CONCRETE INC., PROSPECT ST., BURLINGTON, CONN., SCALE 1"=100', DATE: FEBRUARY, 1964. PREPARED BY: MERTON HODGE & ASSOCIATES, ENGINEERS & SURVEYORS

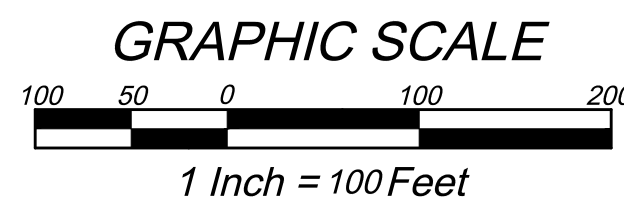


SITE LOCATION PLAN
SCALE: 1"=750'

OUTLINE OF PROPOSED SOLAR FIELD
11.34 ACRES

SOIL TYPES

- WETLAND SOILS**
- Ru** RIPPOWAM
 - RN** LEICESTER, RIDGEBURY & WHITMAN
- UPLAND SOILS**
- Af** AGAWAM - SANDY LOAM
 - Hk** HINCKLEY - SANDY LOAM



TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS MAP AND SURVEY WERE PREPARED IN ACCORDANCE WITH THE STANDARDS OF A CLASS "A-2 & T-2" SURVEY AS DEFINED IN THE CODE OF PRACTICE FOR STANDARDS OF ACCURACY OF SURVEYS AND MAPS, ADOPTED SEPT. 26, 1996 AS AMENDED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INCORPORATED.

CARMINE J. MATRASCIA - L.S. # 70219
NOT VALID WITHOUT EMBOSSED SEAL.

PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

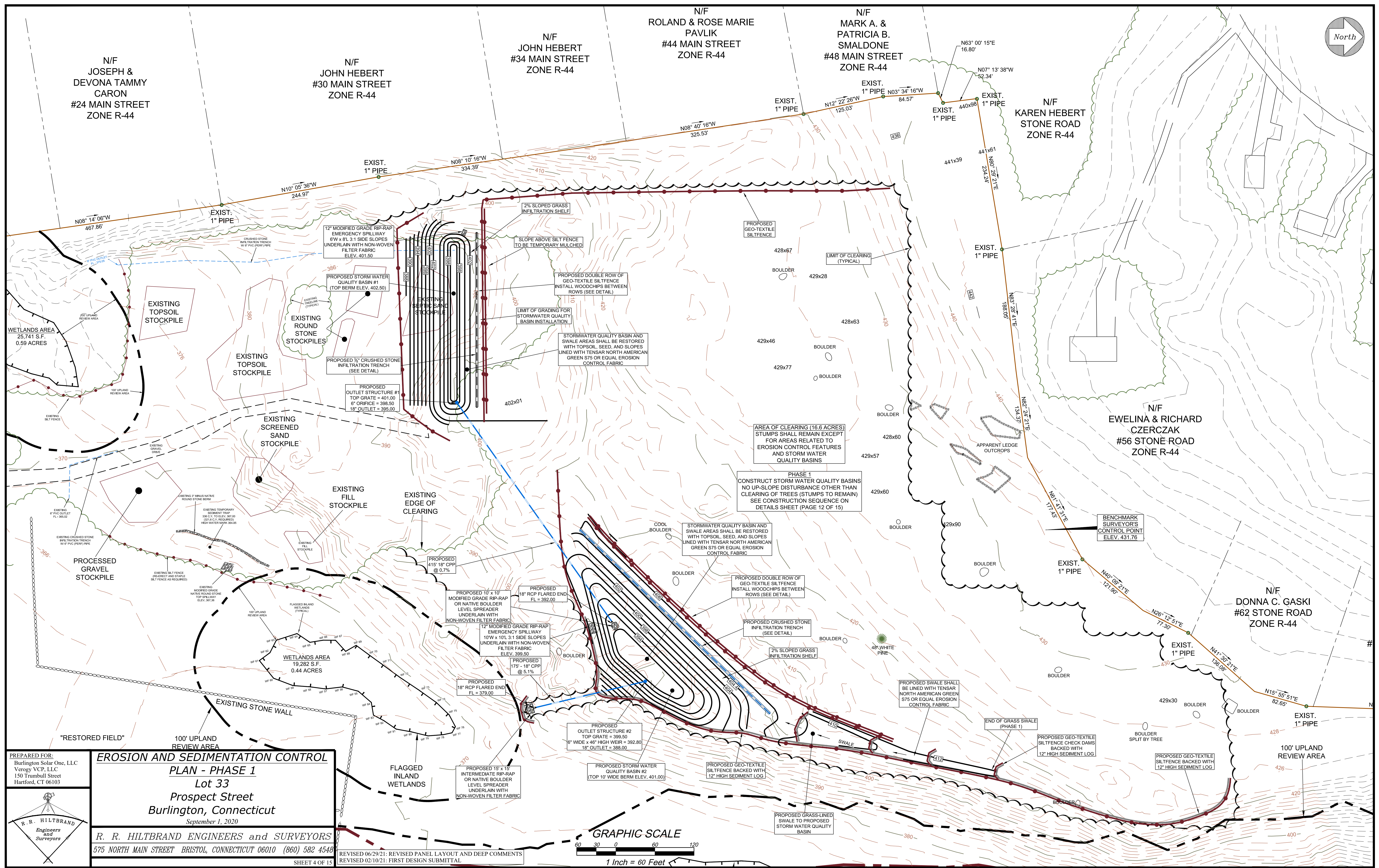
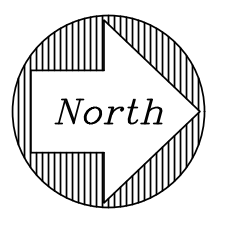
R. R. HILTBRAND
Engineers and Surveyors

IMPROVEMENT LOCATION SURVEY
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

SHEET 3 OF 15

REVISED 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISED 02/10/21: FIRST DESIGN SUBMITTAL.



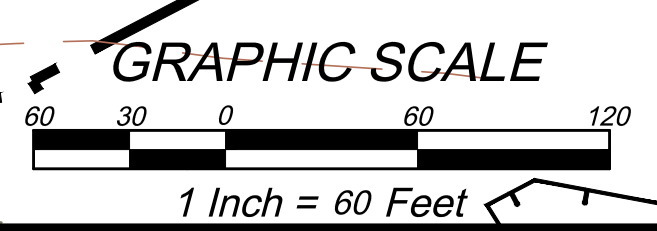
PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

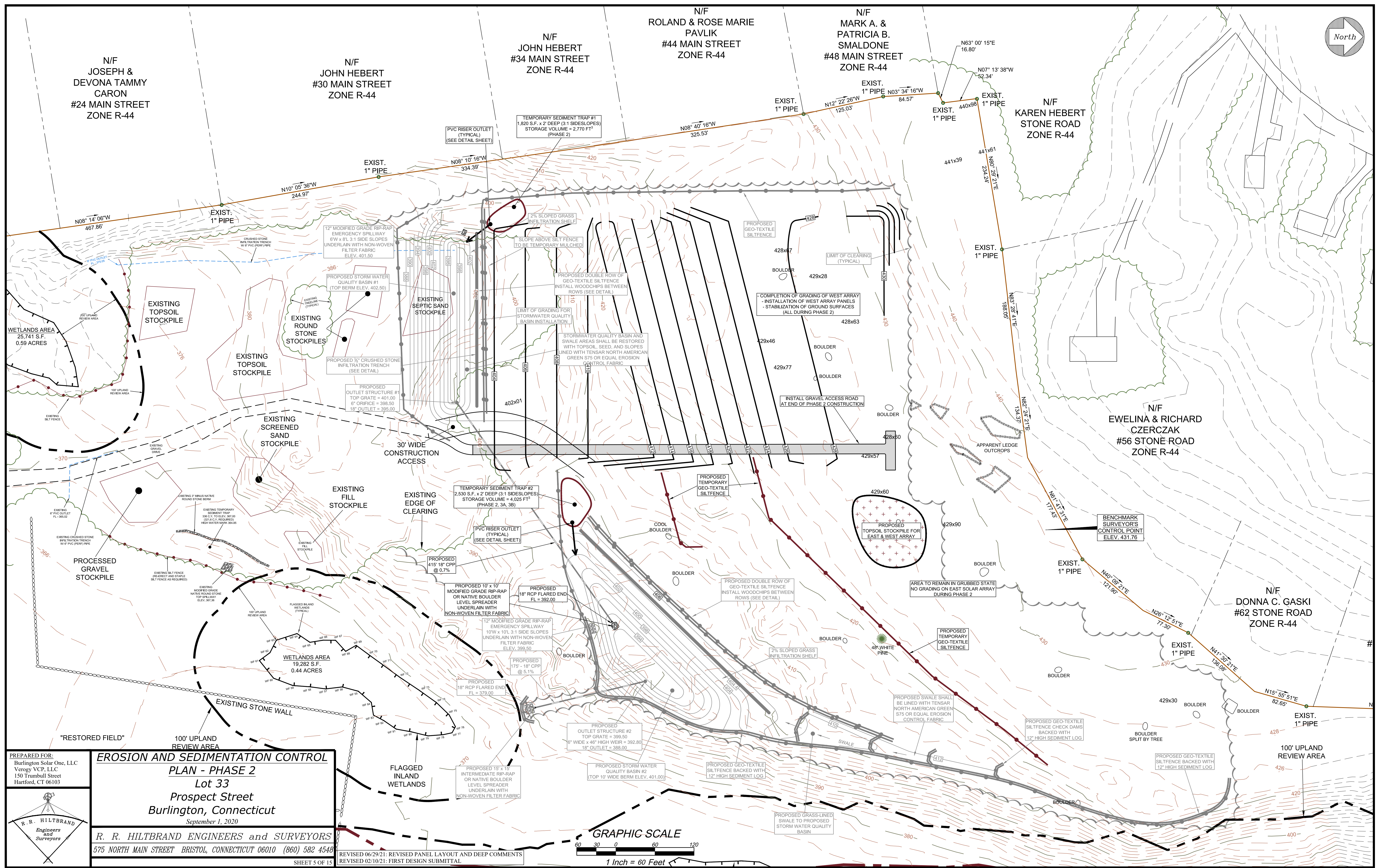
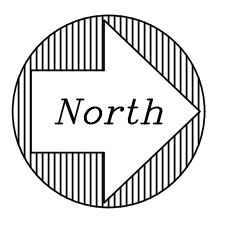
EROSION AND SEDIMENTATION CONTROL
PLAN - PHASE 1
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISOR 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISOR 02/10/21: FIRST DESIGN SUBMITTAL

SHEET 4 OF 15





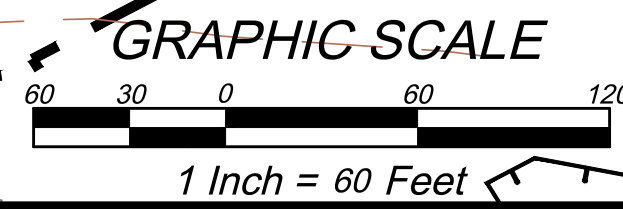
PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

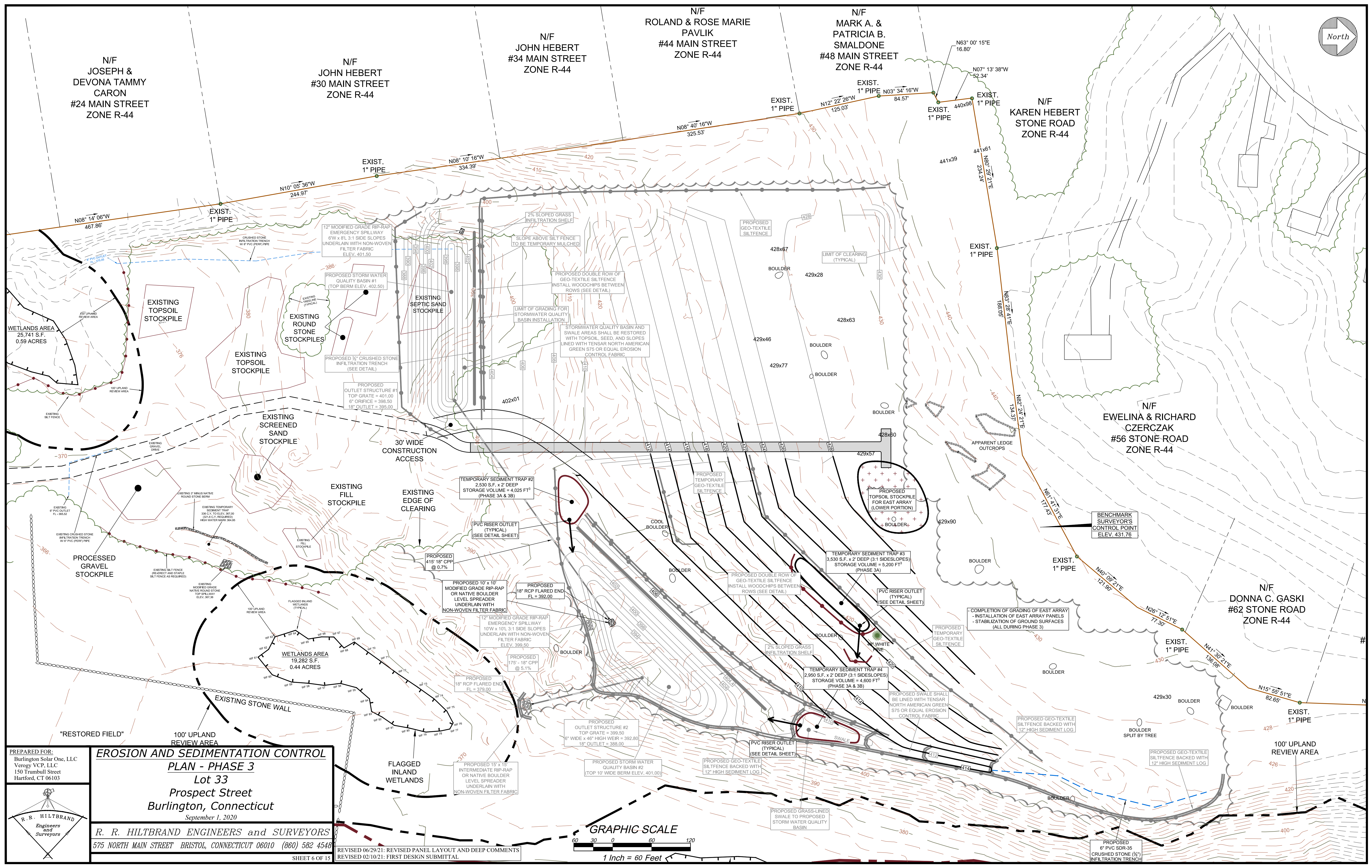
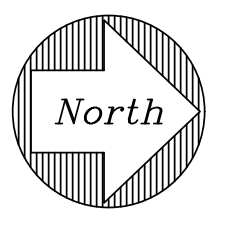
EROSION AND SEDIMENTATION CONTROL
PLAN - PHASE 2
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISOR 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISOR 02/10/21: FIRST DESIGN SUBMITTAL

SHEET 5 OF 15





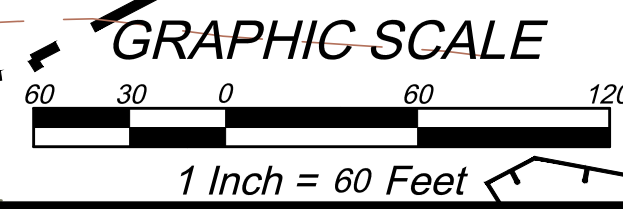
PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

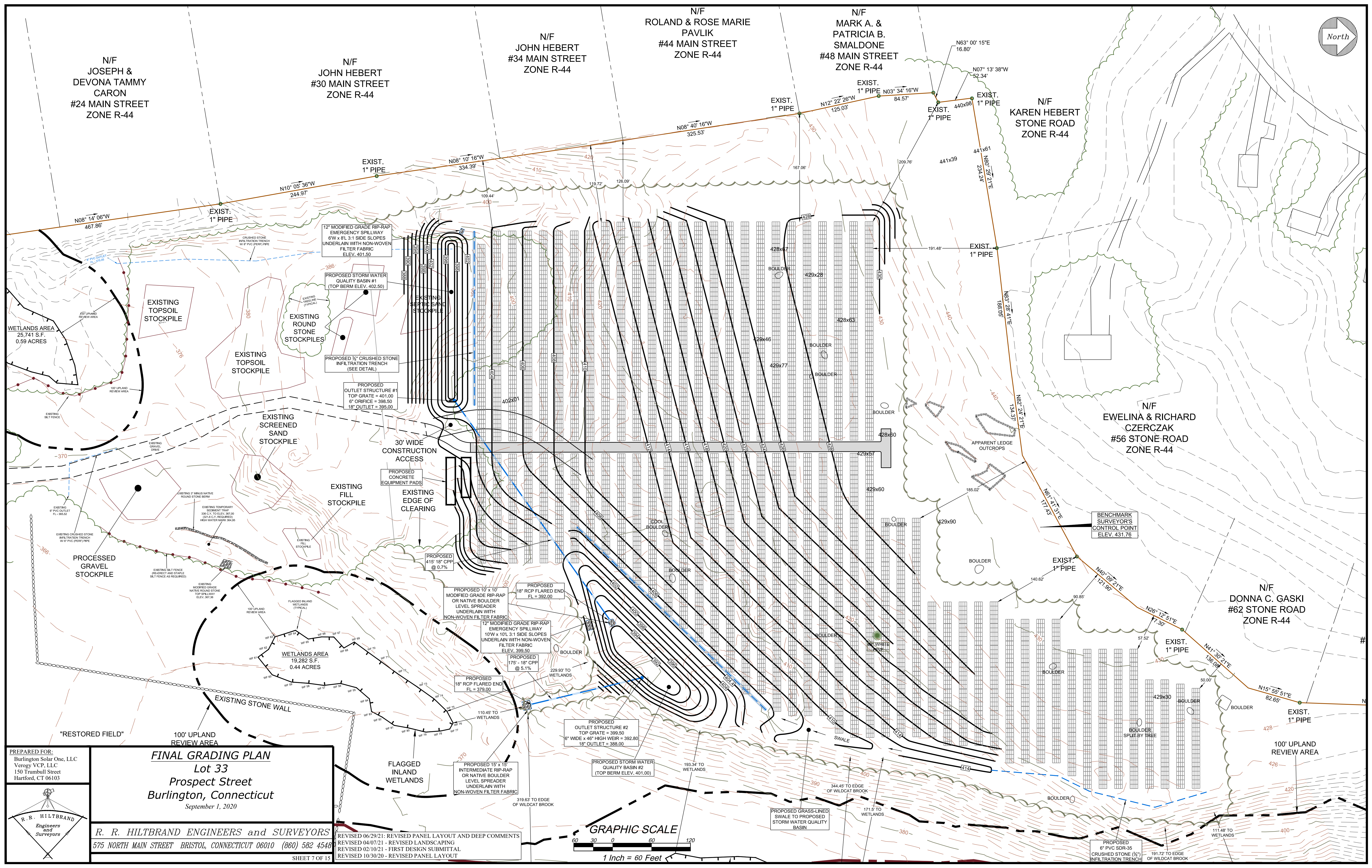
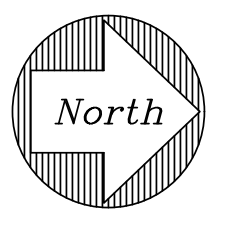
EROSION AND SEDIMENTATION CONTROL
PLAN - PHASE 3
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISOR 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISOR 02/10/21: FIRST DESIGN SUBMITTAL

SHEET 6 OF 15





N/F
JOSEPH &
DEVONA TAMMY
CARON
#24 MAIN STREET
ZONE R-44

N/F
JOHN HEBERT
#30 MAIN STREET
ZONE R-44

N/F
JOHN HEBERT
#34 MAIN STREET
ZONE R-44

N/F
ROLAND & ROSE MARIE
PAVLIK
#44 MAIN STREET
ZONE R-44

N/F
MARK A. &
PATRICIA B.
SMALDONE
#48 MAIN STREET
ZONE R-44

N/F
KAREN HEBERT
STONE ROAD
ZONE R-44

N/F
EWELINA & RICHARD
CZERCZAK
#56 STONE ROAD
ZONE R-44

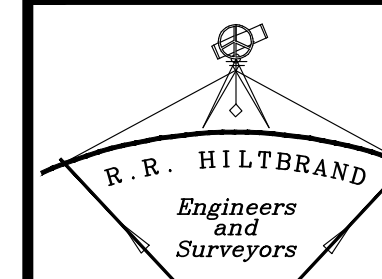
N/F
DONNA C. GASKI
#62 STONE ROAD
ZONE R-44

WETLANDS AREA
25,741 S.F.
0.59 ACRES

PROCESSED
GRAVEL
STOCKPILE

WETLANDS AREA
19,282 S.F.
0.44 ACRES

PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103



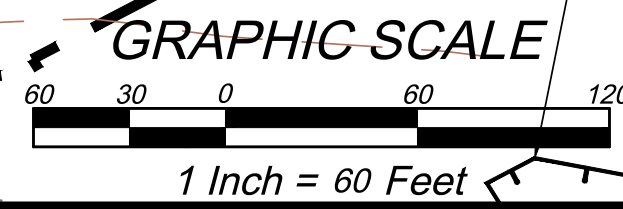
FINAL GRADING PLAN
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS

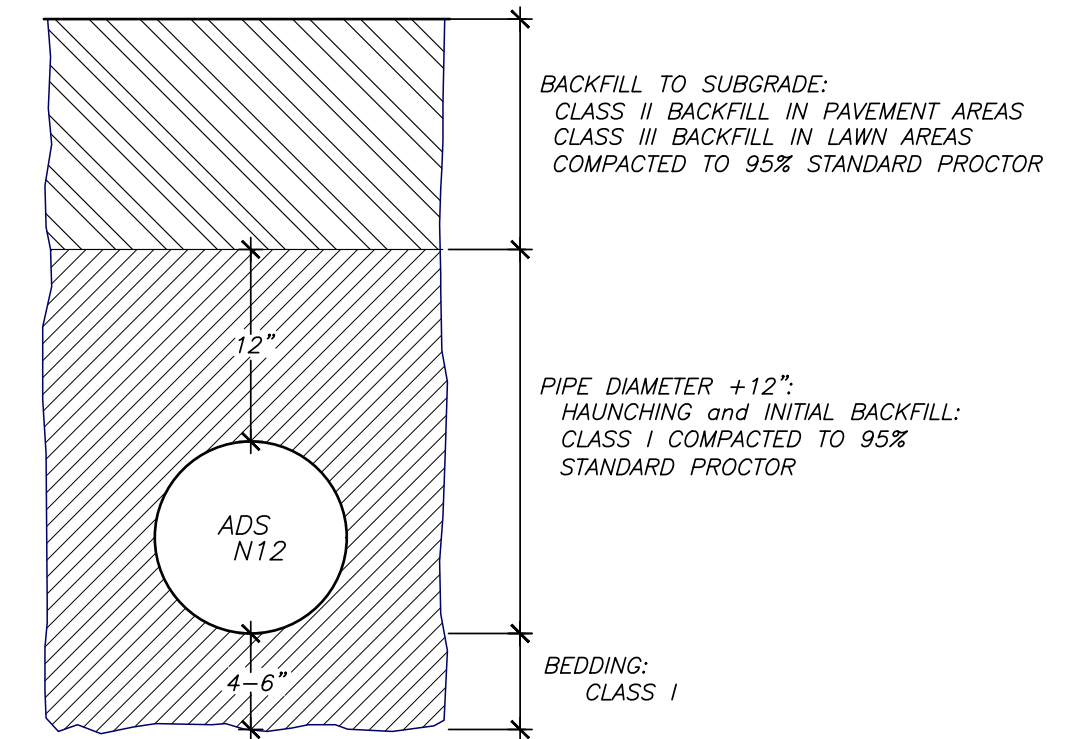
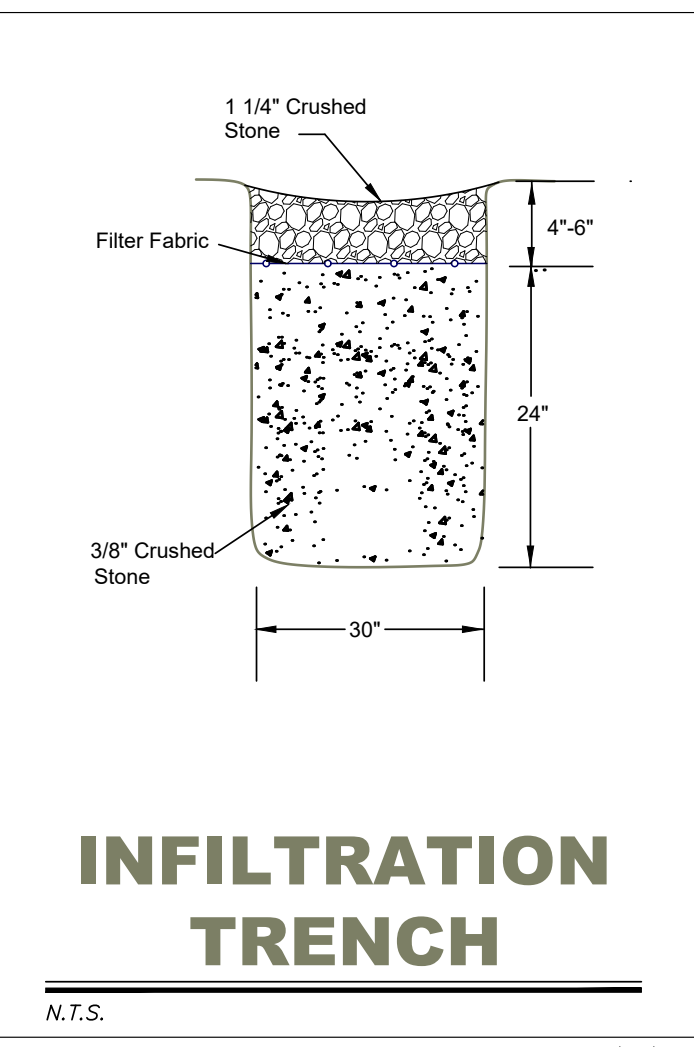
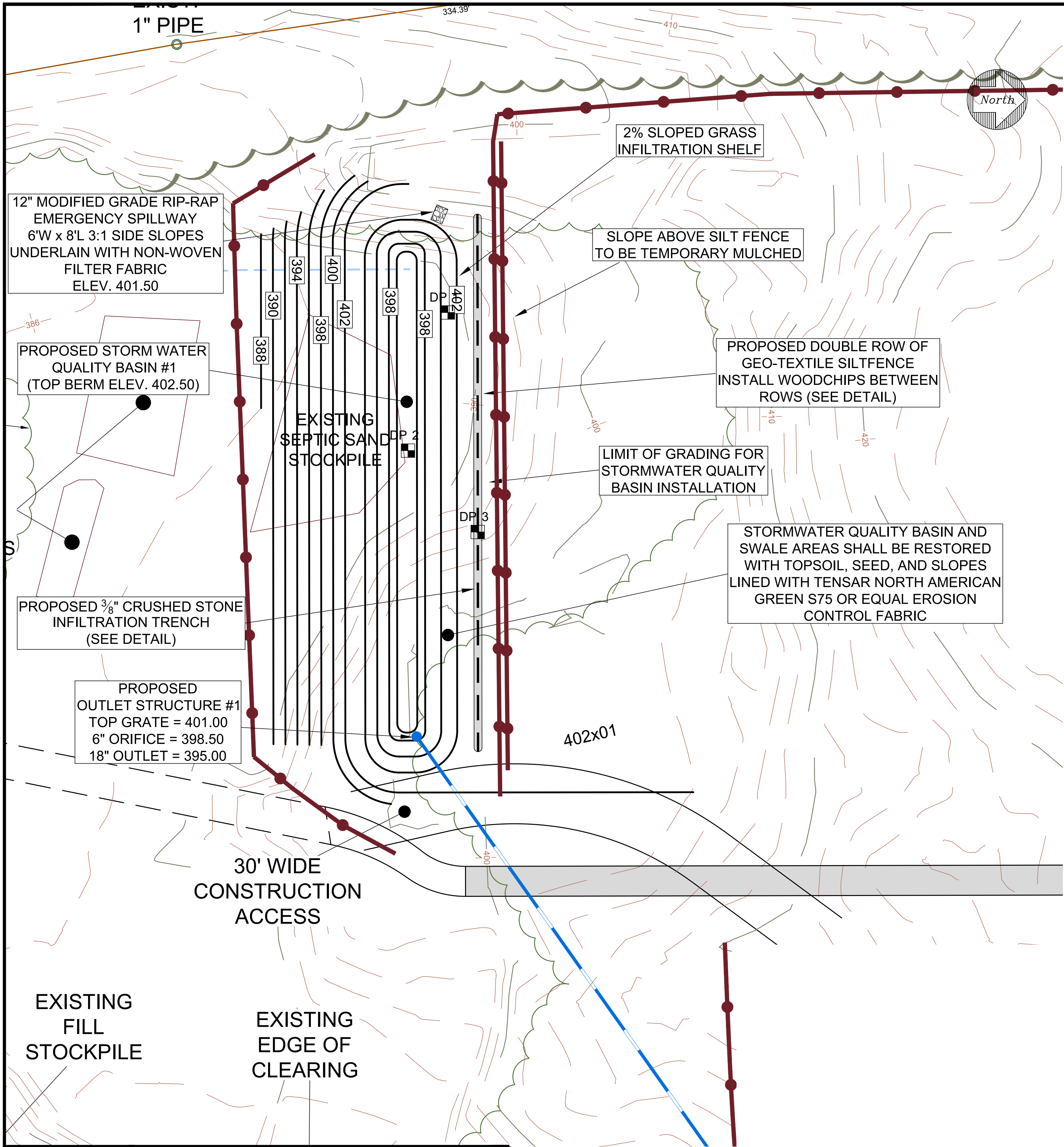
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

SHEET 7 OF 15

REVISED 06/29/21 - REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISED 04/07/21 - REVISED LANDSCAPING
REVISED 02/10/21 - FIRST DESIGN SUBMITTAL
REVISED 10/30/20 - REVISED PANEL LAYOUT



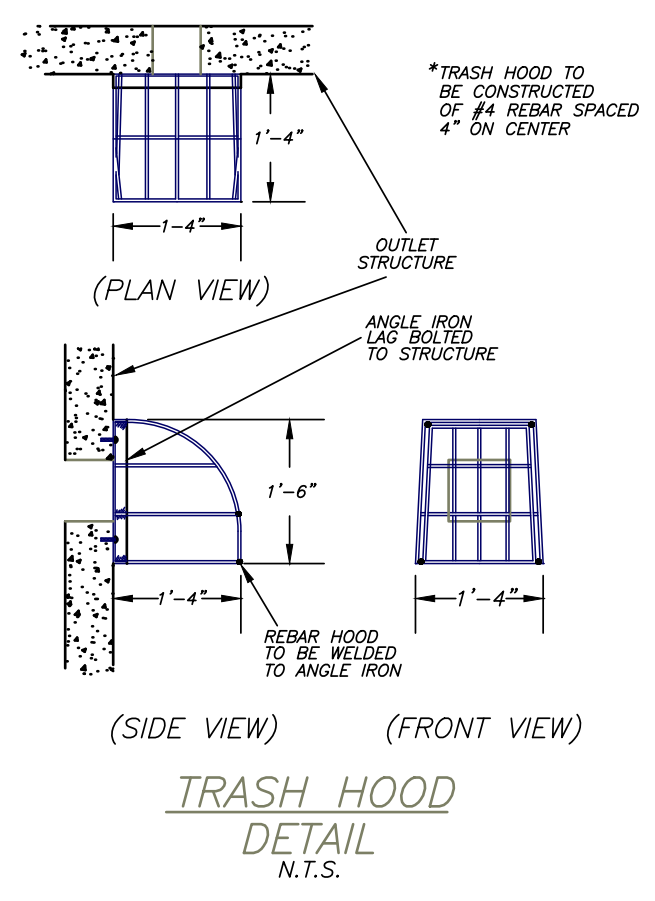
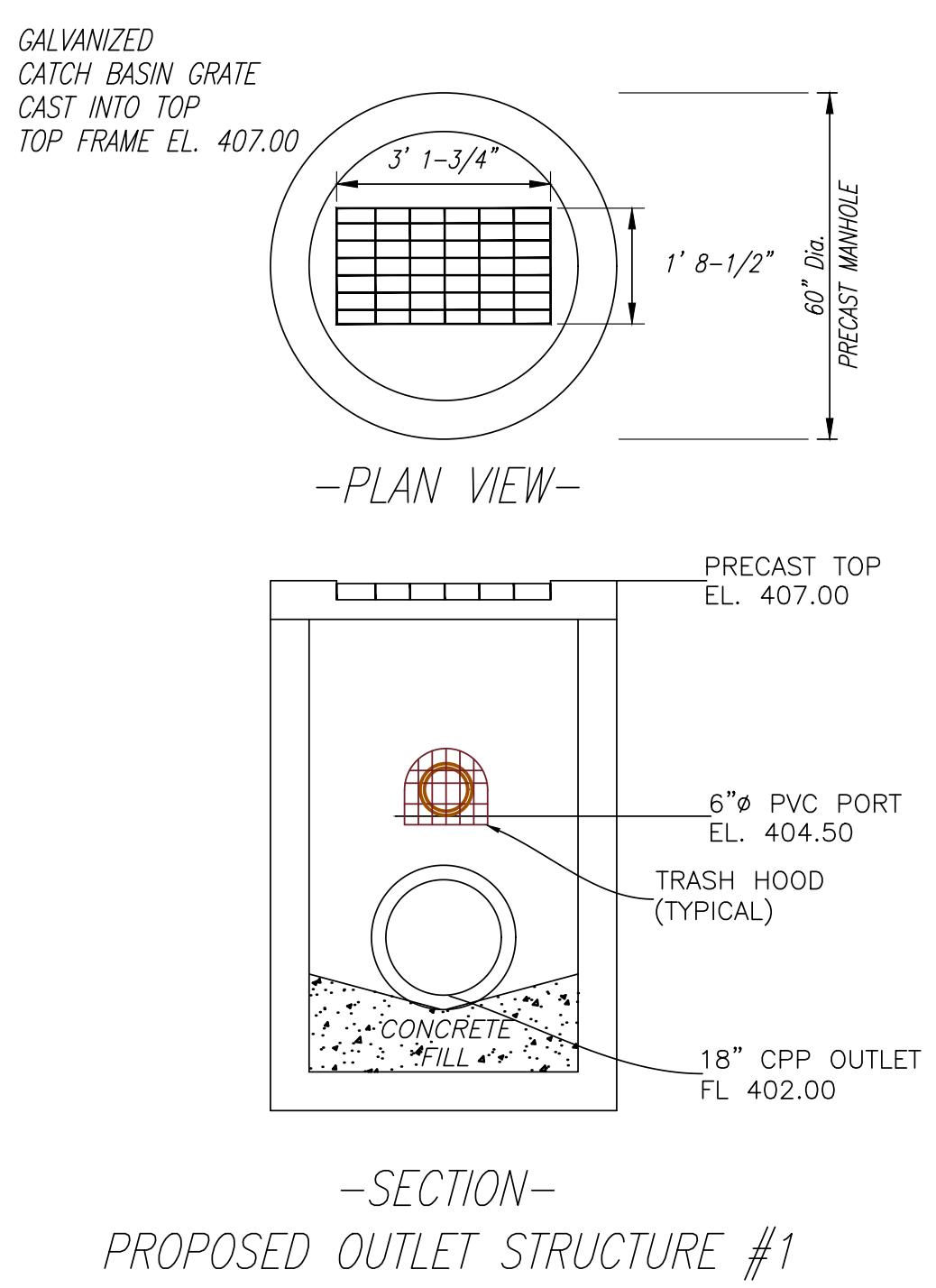
PROPOSED
6" PVC SDR-35
CRUSHED STONE (3/4")
INFILTRATION TRENCH



ADS N-12 (CPP) TRENCH DETAIL N.T.S.

DEEP TEST PITS - JANUARY 21, 2021

DP #1	0 - 2"	FOREST LITTER
EL. 403.0	2 - 10"	BROWN MEDIUM SAND
	10 - 60"	BROWN COARSE SAND & GRAVEL
DP #2	0 - 48"	MIXED NATIVE FILL
EL. 401.0		FINE TO MEDIUM SAND & GRAVEL
DP #3	0 - 2"	FOREST LITTER
EL. 404.0	2 - 70"	BROWN FINE/MEDIUM SAND & GRAVEL (LARGE ROCKS 24"-30") GROUNDWATER @ 63" (EL. 398.8±)

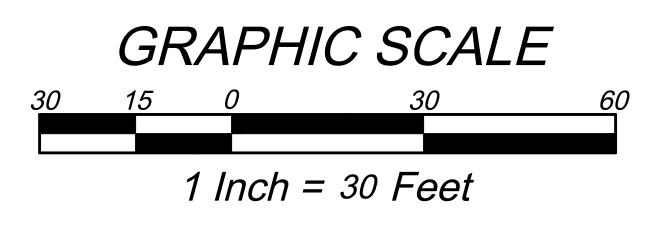


PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

STORMWATER QUALITY BASIN #1
Lot 33
Prospect Street
Burlington, Connecticut
January 15, 2021

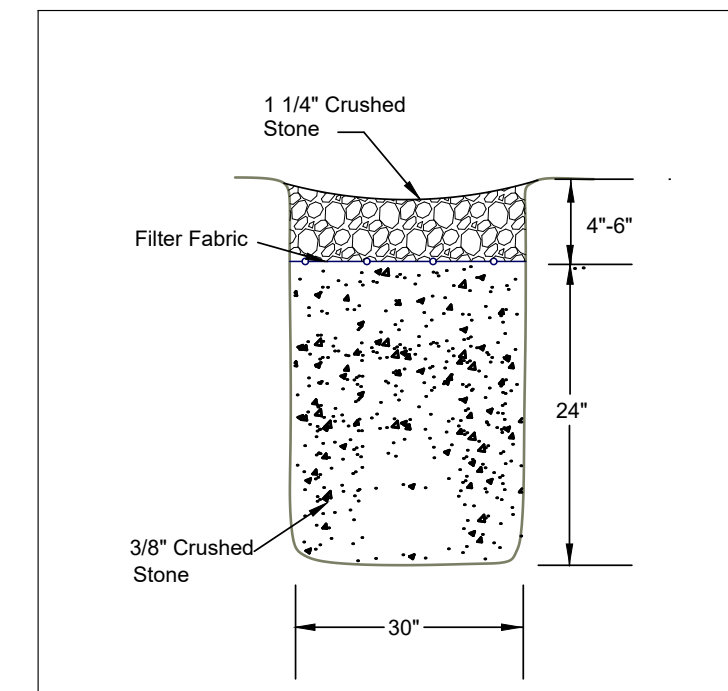
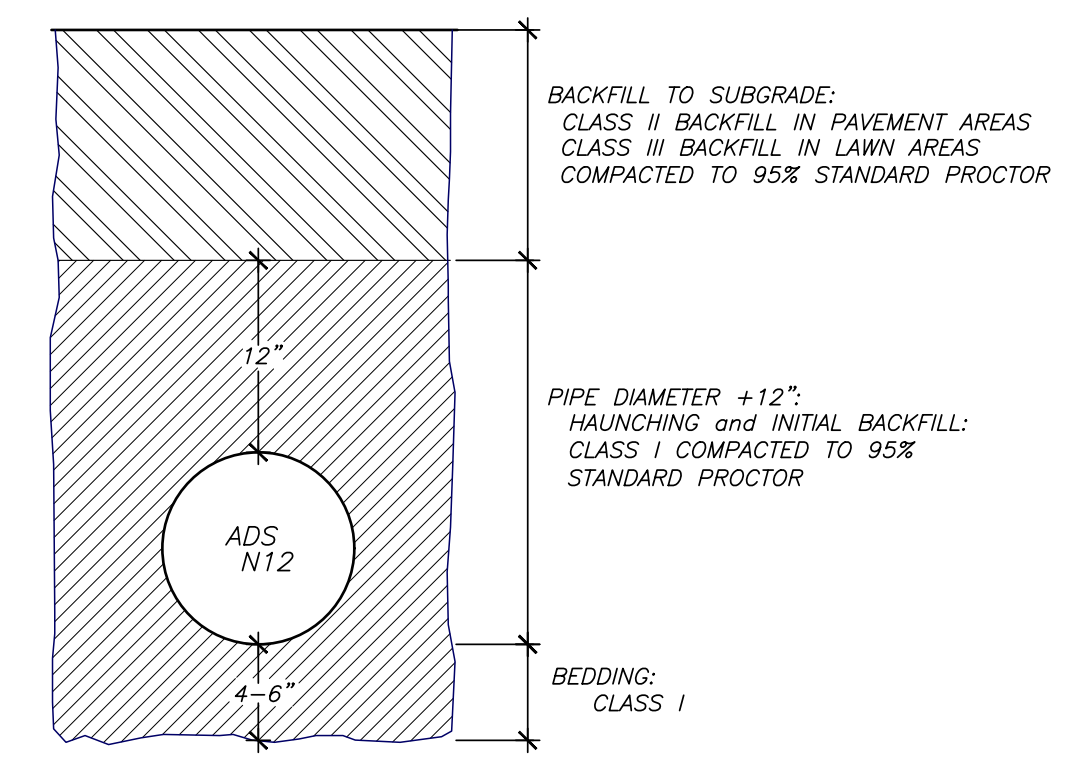
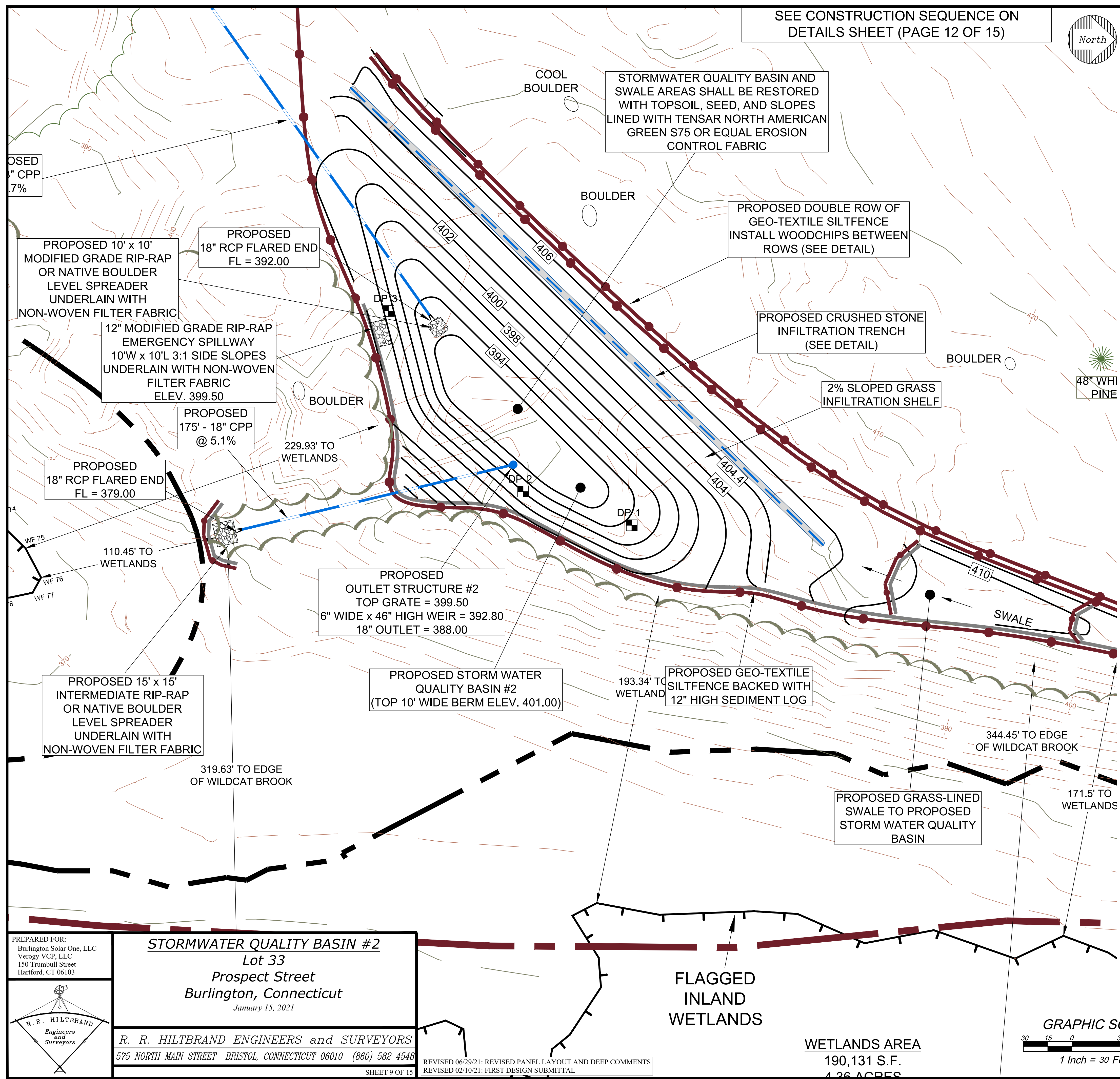
R. R. HILTBRAND
Engineers and Surveyors

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548



REVISED 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISED 02/10/21: FIRST DESIGN SUBMITTAL

SEE CONSTRUCTION SEQUENCE ON
DETAILS SHEET (PAGE 12 OF 15)



INFILTRATION TRENCH
N.T.S.

REV. 11/27/2013

CLASS I BACKFILL:
ANGULAR CRUSHED STONE OR ROCK, DENSE OR OPEN-GRADED
WITH LITTLE OR NO FINES (1/4 INCH TO 3/8 INCHES IN SIZE).

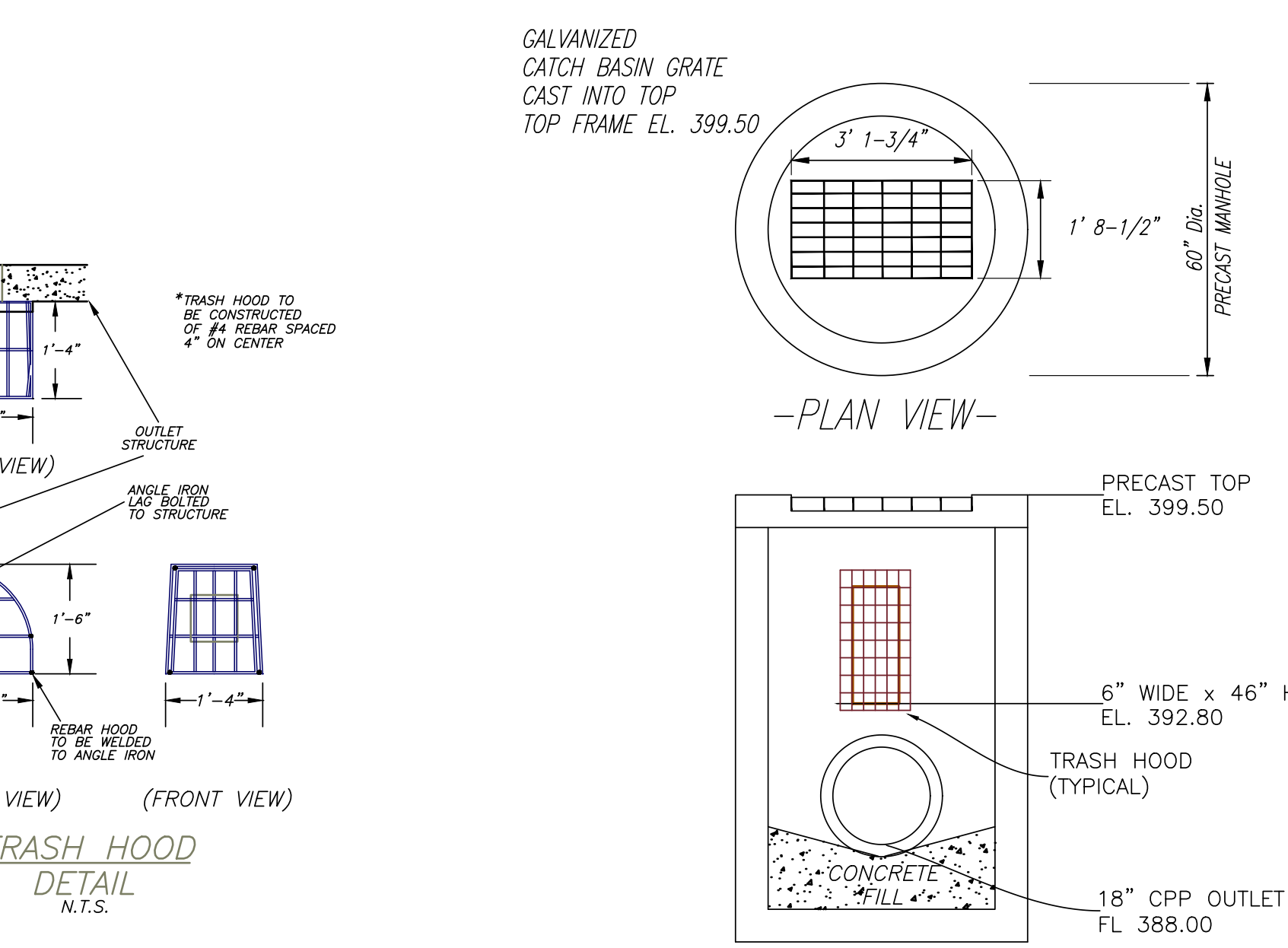
CLASS II BACKFILL:
CLEAN, COARSE-GRAINED MATERIALS, SUCH AS GRAVEL,
COARSE SANDS AND GRAVEL/SAND MIXTURES (1" 3/8 INCHES MAX. SIZE).

CLASS III BACKFILL:
COARSE-GRAINED MATERIALS WITH FINES INCLUDING SILTY OR CLAYEY
GRAVELS OR SANDS. GRAVEL OR SAND MUST COMPRISE MORE THAN
50 PERCENT OF CLASS III MATERIALS (1" 3/8 INCHES MAX. SIZE).

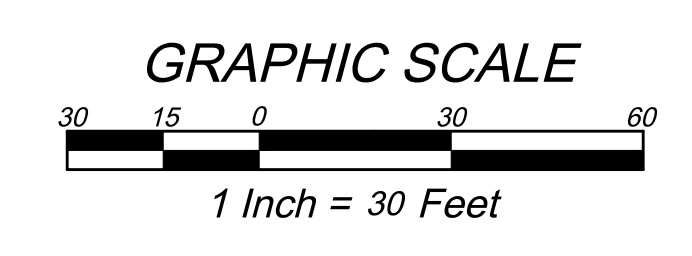
ADS N-12 (CPP) TRENCH DETAIL N.T.S.

DEEP TEST PITS - JANUARY 21, 2021

DP #	(IN PATH)	SOIL DESCRIPTION
DP #1	EL. 402.0	0 - 20" BROWN FINE TO MEDIUM SAND
		20 - 62" TAN MEDIUM TO COARSE SAND
		62 - 140" TAN COARSE SAND & GRAVEL
		NO GROUNDWATER
DP #2	EL. 400.0	0 - 2" FOREST LITTER
		2 - 36" TAN FINE TO MEDIUM SAND
		36 - 120" TAN COARSE SAND & GRAVEL
		NO GROUNDWATER
DP #3	EL. 400.0	0 - 2" FOREST LITTER
		3 - 11" TOP SOIL
		11 - 26" ORANGE BROWN FINE SANDY LOAM
		26 - 108" TAN COARSE SAND & GRAVEL
		GROUNDWATER @ 98" (EL. 392.0±)



PROPOSED OUTLET STRUCTURE #2



PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

STORMWATER QUALITY BASIN #2
Lot 33
Prospect Street
Burlington, Connecticut
January 15, 2021

R. R. HILTBRAND
Engineers and Surveyors

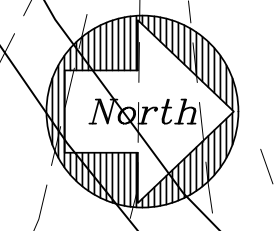
R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISD 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISD 02/10/21: FIRST DESIGN SUBMITTAL

SHEET 9 OF 15

FLAGGED INLAND WETLANDS

WETLANDS AREA
190,131 S.F.
4.26 ACRES



N/F JOSEPH & DEVONA TAMMY CARON #24 MAIN STREET ZONE R-44

N/F JOHN HEBERT #30 MAIN STREET ZONE R-44

N/F JOHN HEBERT #34 MAIN STREET ZONE R-44

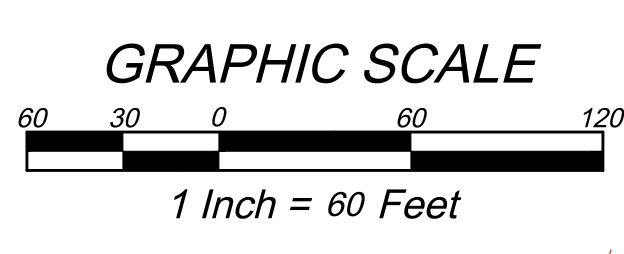
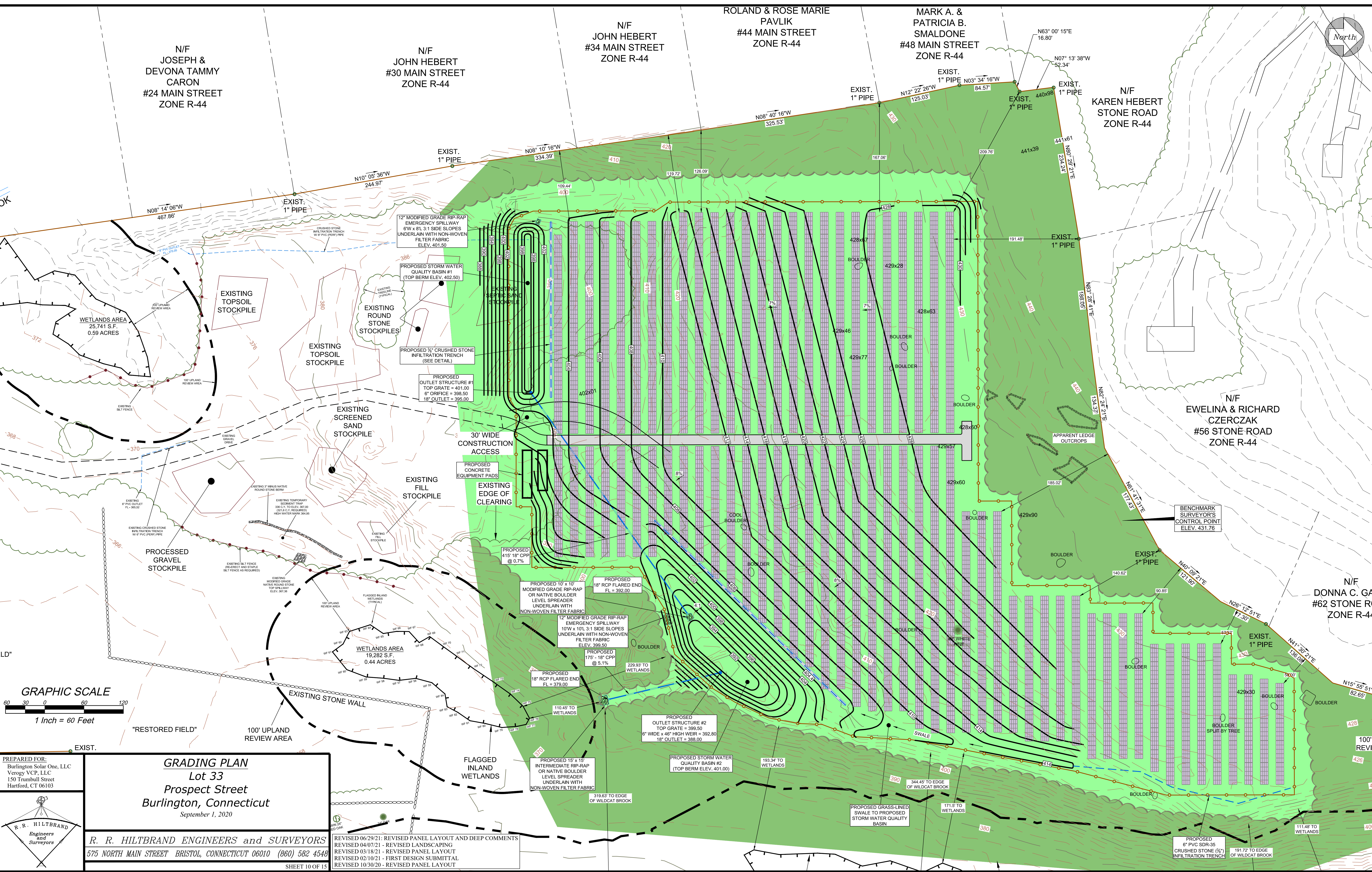
ROLAND & ROSE MARIE PAVLIK #44 MAIN STREET ZONE R-44

MARK A. & PATRICIA B. SMALDONE #48 MAIN STREET ZONE R-44

N/F KAREN HEBERT STONE ROAD ZONE R-44

N/F EWELINA & RICHARD CZERCZAK #56 STONE ROAD ZONE R-44

N/F DONNA C. GA #62 STONE ROAD ZONE R-44



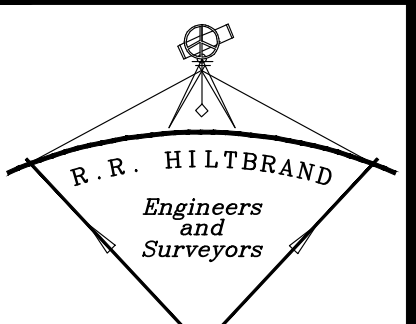
PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

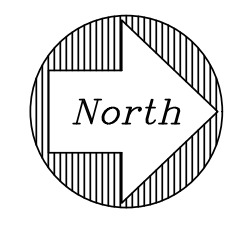
GRADING PLAN
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISD 06/29/21: REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISD 04/07/21 - REVISED LANDSCAPING
REVISD 03/18/21 - REVISED PANEL LAYOUT
REVISD 02/10/21 - FIRST DESIGN SUBMITTAL
REVISD 10/30/20 - REVISED PANEL LAYOUT

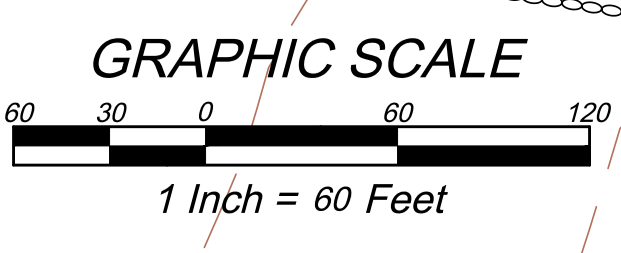
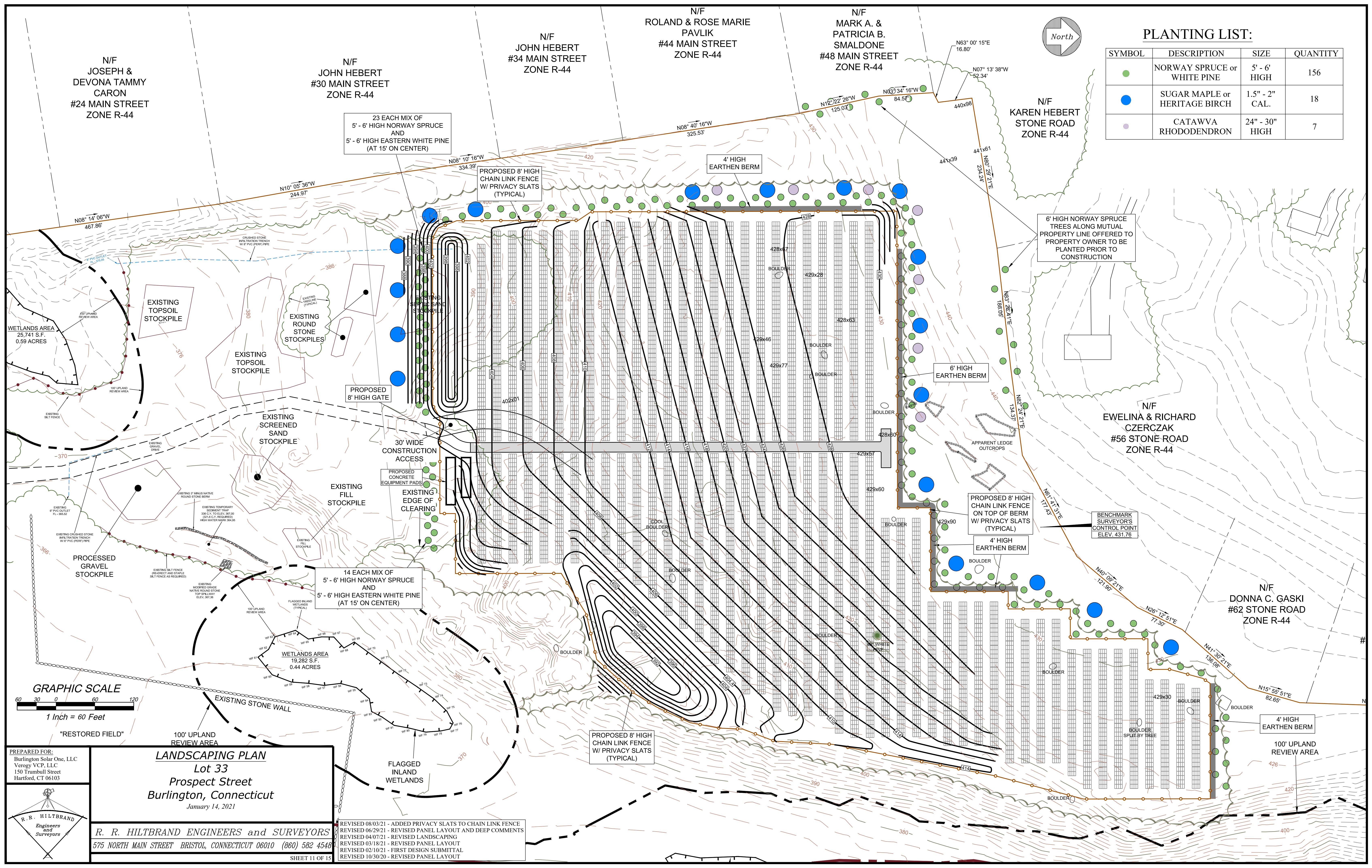
SHEET 10 OF 15





PLANTING LIST:

SYMBOL	DESCRIPTION	SIZE	QUANTITY
●	NORWAY SPRUCE or WHITE PINE	5' - 6' HIGH	156
●	SUGAR MAPLE or HERITAGE BIRCH	1.5" - 2" CAL.	18
●	CATAWVA RHODODENDRON	24" - 30" HIGH	7



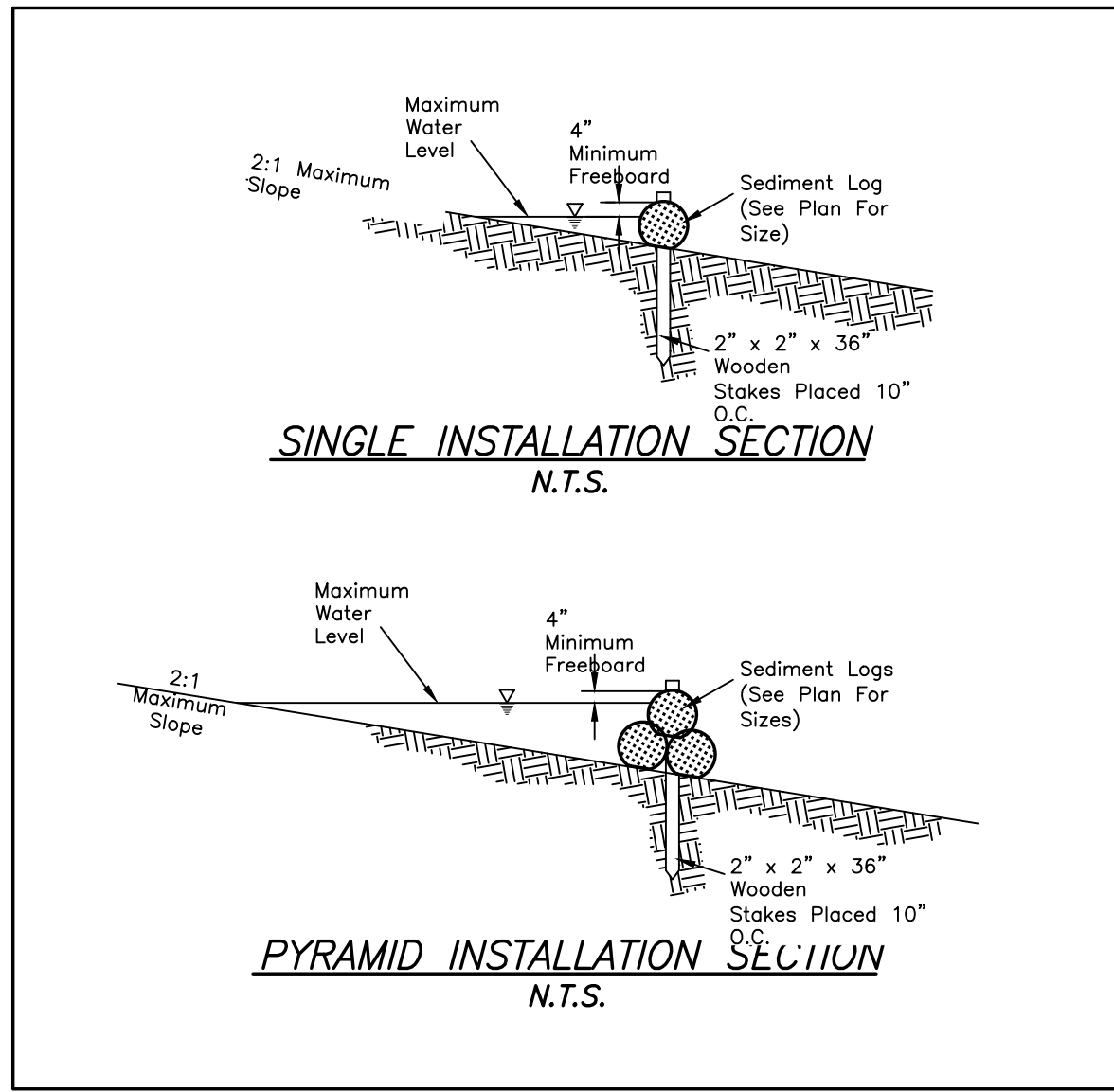
PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103

LANDSCAPING PLAN
Lot 33
Prospect Street
Burlington, Connecticut
January 14, 2021

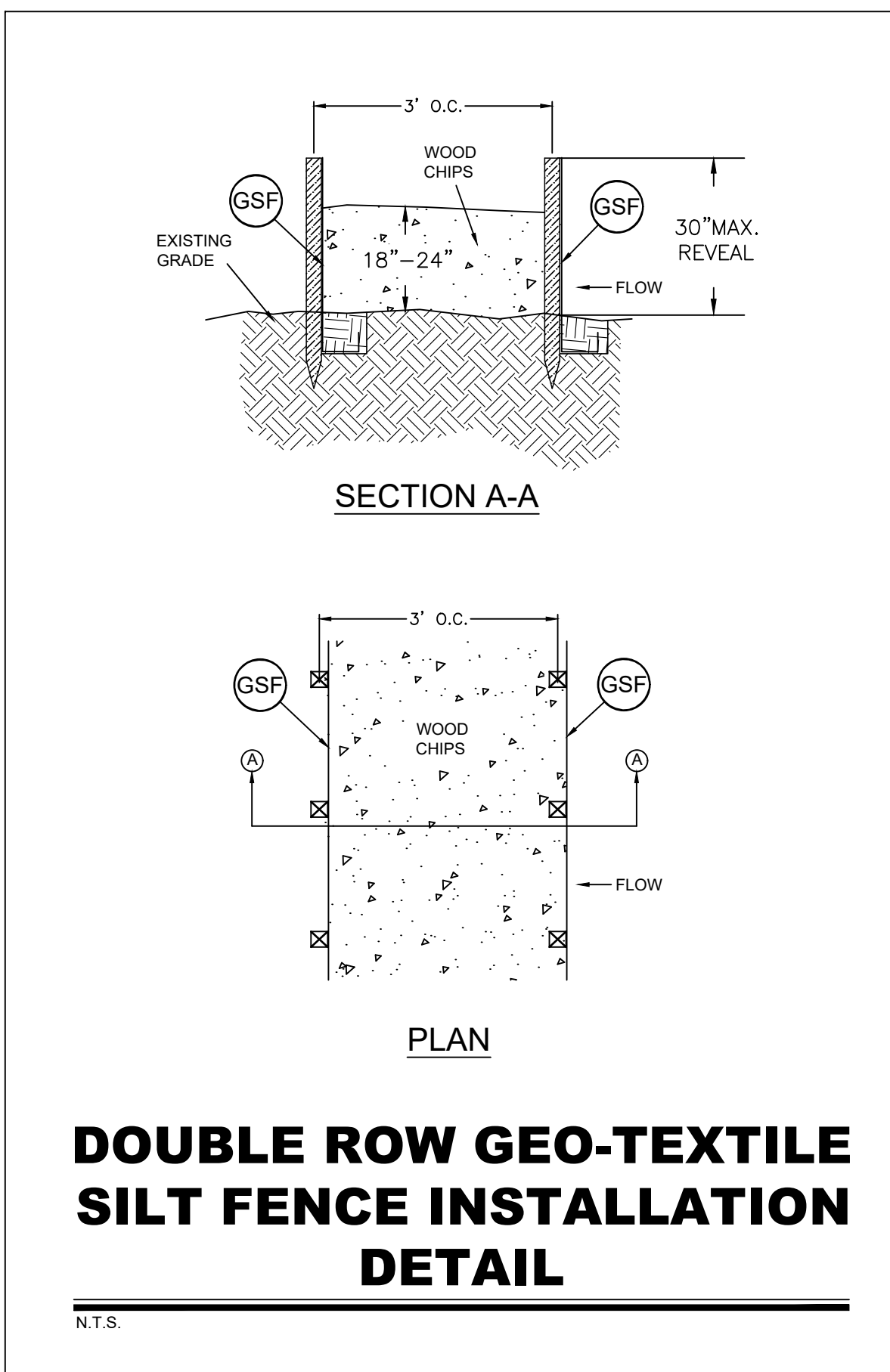
R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

SHEET 11 OF 15

REVISED 08/03/21 - ADDED PRIVACY SLATS TO CHAIN LINK FENCE
REVISED 06/29/21 - REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISED 04/07/21 - REVISED LANDSCAPING
REVISED 03/18/21 - REVISED PANEL LAYOUT
REVISED 02/10/21 - FIRST DESIGN SUBMITTAL
REVISED 10/30/20 - REVISED PANEL LAYOUT

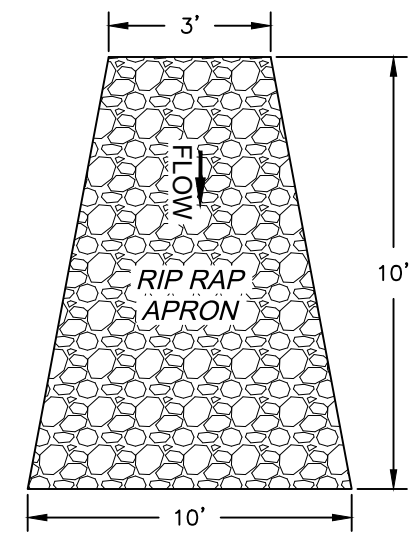


SEDIMENT LOG
N.T.S.



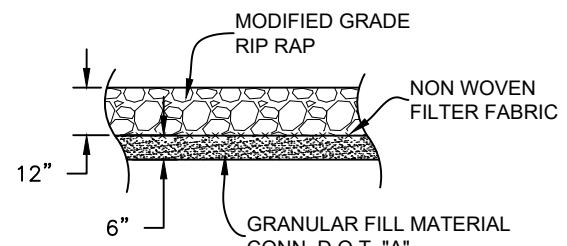
DOUBLE ROW GEO-TEXTILE SILT FENCE INSTALLATION DETAIL

N.T.S.

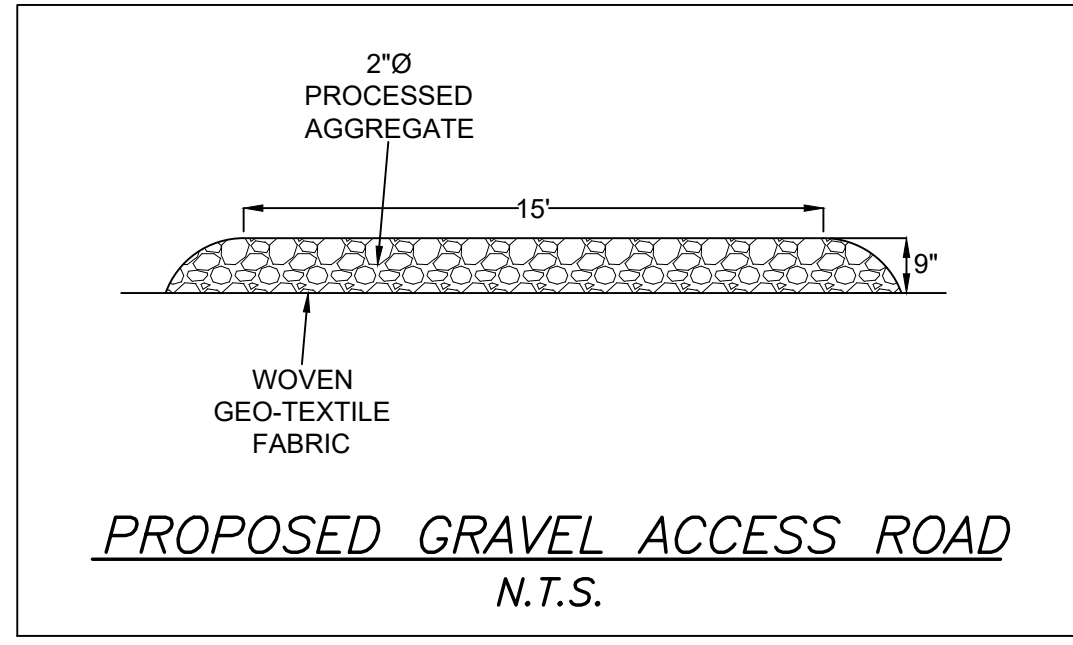


RIP RAP APRON FOR 18" RCP OUTFALLS

N.T.S.

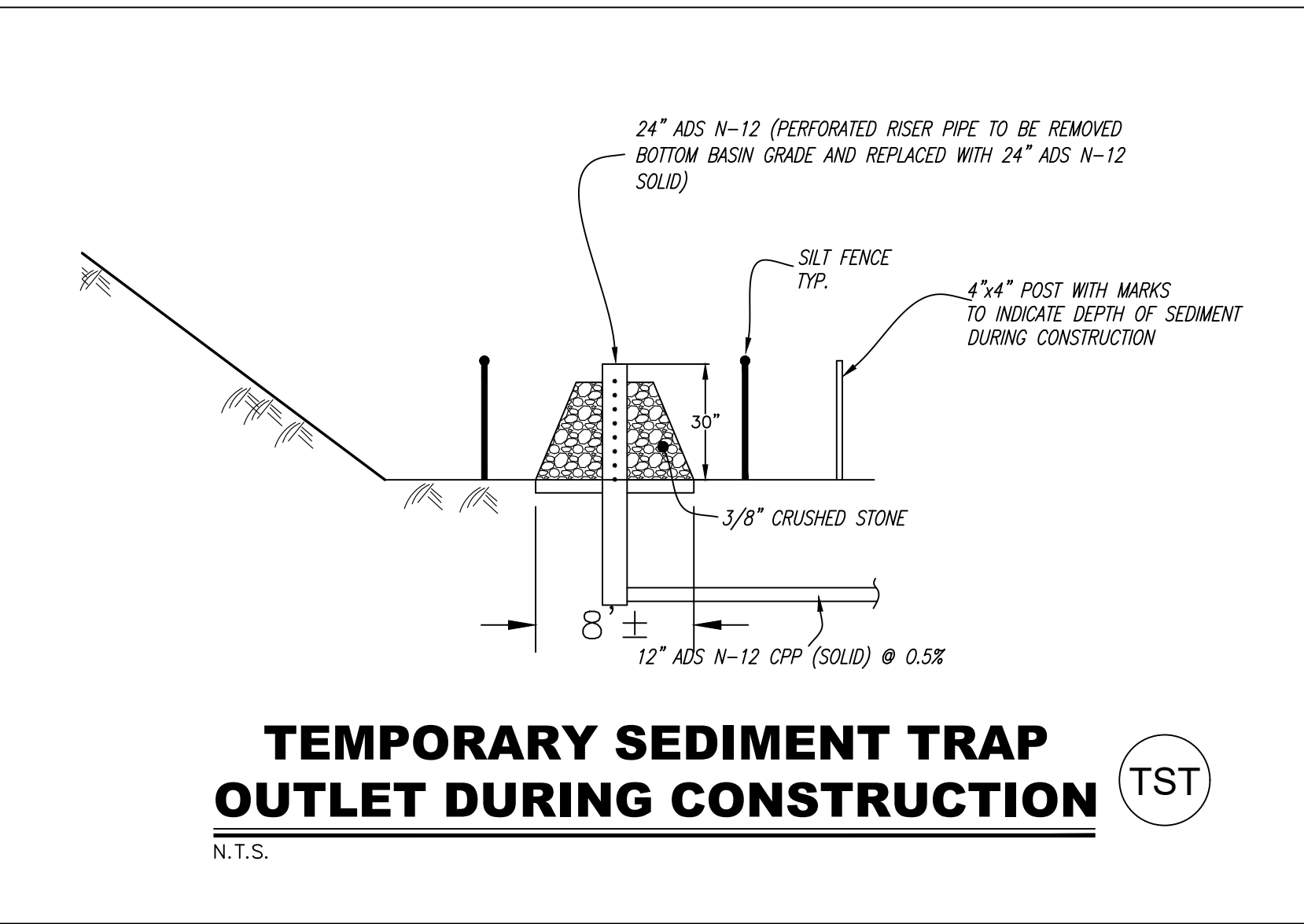


OP



PROPOSED GRAVEL ACCESS ROAD

N.T.S.



TEMPORARY SEDIMENT TRAP OUTLET DURING CONSTRUCTION

N.T.S.

TST

TEMPORARY SEDIMENT TRAP SIZING (WEST ARRAY)

AREA = 6.3 ACRES
DISTURBANCE TIMEFRAME - 6 MONTHS OR LESS
FAILURE WILL NOT RESULT IN DAMAGE TO PROPERTY

(A) AVERAGE EROSION 50 TONS PER ACRE PER YEAR
(DR) DELIVERY RATIO - 37%
(TE) TRAP EFFICIENCY - 80%
Y - 110 LBS PER FT³

VOLUME = $6.3 (50) (0.80) (2000 \text{ LBS/TON}) = 0.105 \text{ AcFt} = 4,581 \text{ FT}^3$
(110) (43,560)

(2) SEDIMENT TRAPS COMBINED #1 & #2 = 6,795 FT³

TEMPORARY SEDIMENT TRAP SIZING (EAST ARRAY)

AREA = 4.3 ACRES (NORTH) - 2.75 ACRES (SOUTH)
DISTURBANCE TIMEFRAME - 3 MONTHS OR LESS
FAILURE WILL NOT RESULT IN DAMAGE TO PROPERTY

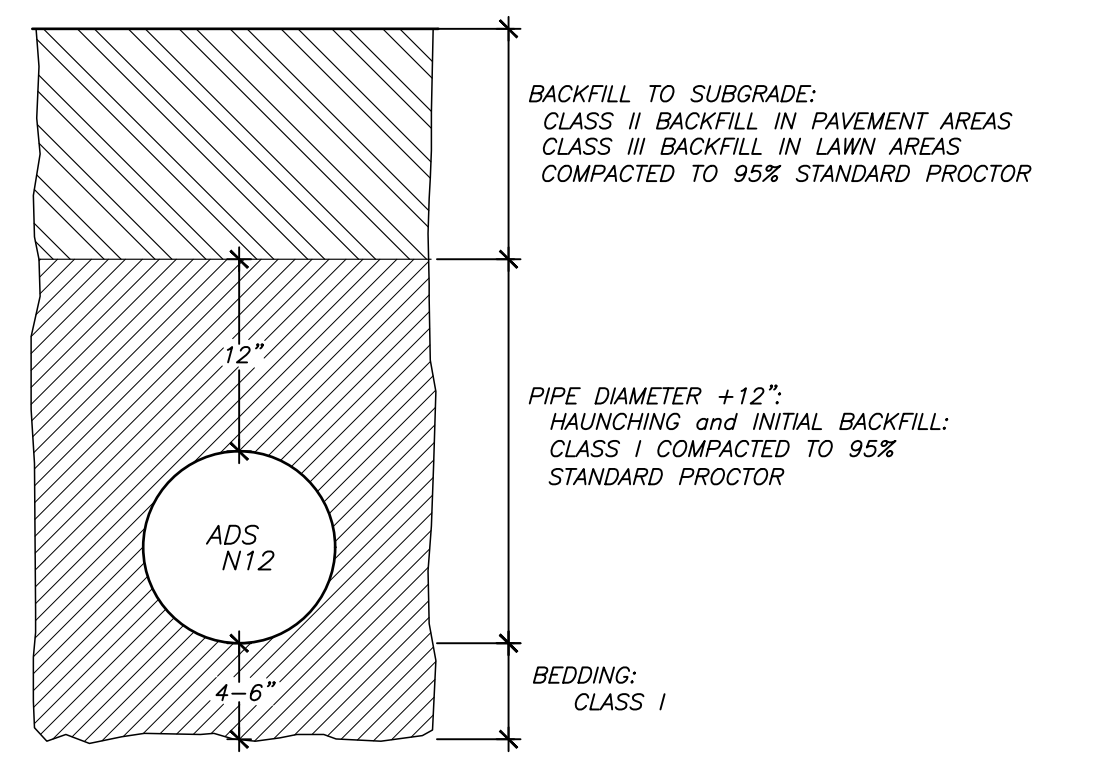
(A) AVERAGE EROSION 50 TONS PER ACRE PER YEAR
(DR) DELIVERY RATIO - 37%
(TE) TRAP EFFICIENCY - 80%
Y - 110 LBS PER FT³

VOLUME NORTH = $4.3 (50) (0.80) (2000 \text{ LBS/TON}) = 0.072 \text{ AcFt} = 3,127 \text{ FT}^3$
(110) (43,560)

SEDIMENT TRAP #3 = 5,200 FT³

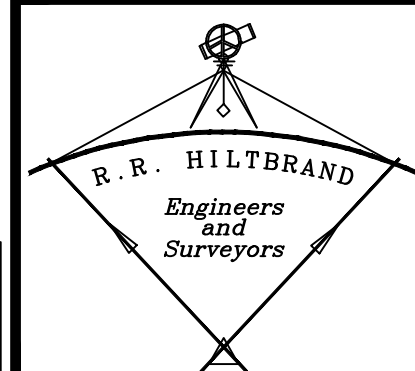
VOLUME SOUTH = $2.75 (50) (0.80) (2000 \text{ LBS/TON}) = 0.046 \text{ AcFt} = 2,000 \text{ FT}^3$
(110) (43,560)

(2) SEDIMENT TRAPS COMBINED #2 & #4 = 8,625 FT³



ADS N-12 (CPP) TRENCH DETAIL N.T.S.

PREPARED FOR:
Burlington Solar One, LLC
Verogy VCP, LLC
150 Trumbull Street
Hartford, CT 06103



SITE DETAILS
Lot 33
Prospect Street
Burlington, Connecticut
September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISED 07/30/21 - AS PER DEEP COMMENTS
REVISED 06/29/21 - REVISED PANEL LAYOUT AND DEEP COMMENTS
REVISED 02/10/21 - FIRST DESIGN SUBMITTAL
REVISED 10/30/20 - REVISED PANEL LAYOUT

NEW ENGLAND WETLAND PLANTS, INC.

820 WEST STREET, AMHERST, MA 01002
PHONE: 413-548-8000 FAX 413-548-4000
EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites

Botanical Name	Common Name	Indicator
<i>Elymus riparius</i>	Riverbank Wild Rye	FACW
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Andropogon gerardi</i>	Big Bluestem	FAC
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Veronica noveboracensis</i>	New York Ironweed	FACW+
<i>Agrostis perennans</i>	Upland Bentgrass	FACU
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium maculatum (Eurochium maculatum)</i>	Spotted Joe Pye Weed	OBL
<i>Eupatorium perfoliatum</i>	Boneset	FACW
<i>Aster novae-angliae (Symphyotrichum novae-angliae)</i>	New England Aster	FACW-
<i>Scirpus cyperinus</i>	Wood Grass	FACW
<i>Juncus effusus</i>	Soft Rush	FACW+

PRICE PER LB. \$37.00 MIN. QUANTITY 3 LBS. TOTAL: \$111.00 APPLY: 35 LBS/ACRE 1250 sq ft/lb

The New England Erosion Control/Restoration Mix for Detention Basins and Moist Sites contains a selection of native grasses and wildflowers designed to colonize generally moist, recently disturbed sites where quick growth of vegetation is desired to stabilize the soil surface. It is an appropriate seed mix for ecologically sensitive restorations that require stabilization as well as long-term establishment of native vegetation. This mix is particularly appropriate for detention basins that do not hold standing water. Many of the plants in this mix can tolerate infrequent inundation, but not constant flooding. The mix may be applied by hand, by mechanical spreader, or by hydro-seeder. After covering, lightly rake, roll or cultipack to insure good seed-to-soil contact. Best results are obtained with a Spring or late Summer seeding. Late Fall and Winter dormant seeding requires an increase in the application rate. A light mulching of clean, weed-free straw is recommended.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.

SEED MIX FOR BOTTOM OF INFILTRATION BASINS

NEW ENGLAND WETLAND PLANTS, INC.

820 WEST STREET, AMHERST, MA 01002
PHONE: 413-548-8000 FAX 413-548-4000
EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

New England Conservation/Wildlife Mix

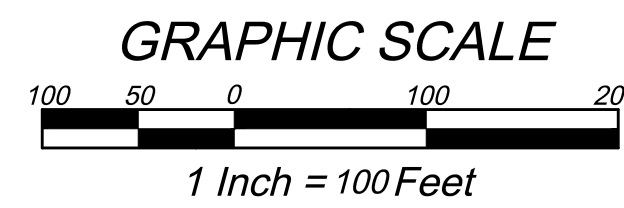
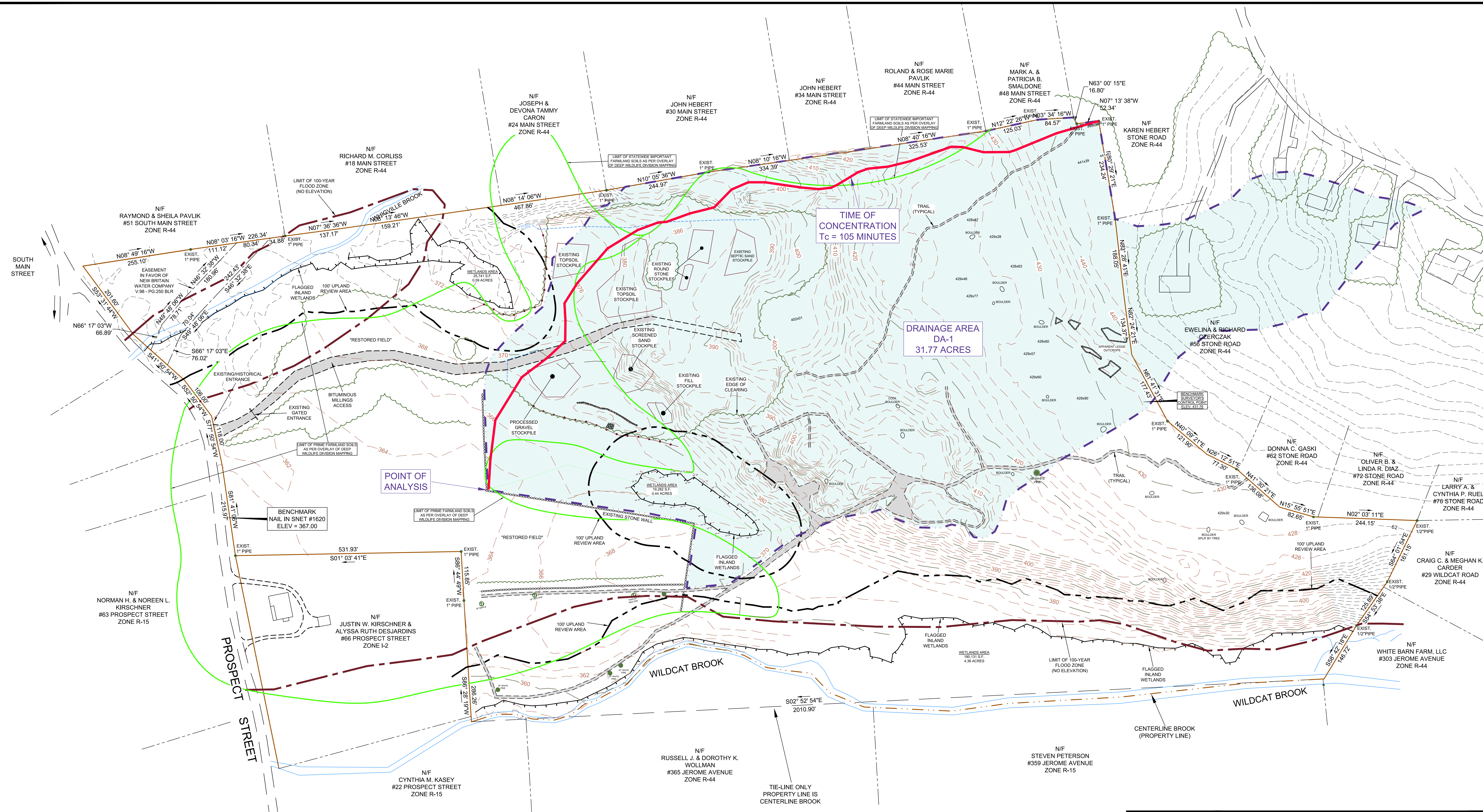
Botanical Name	Common Name	Indicator
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW-
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Andropogon gerardi</i>	Big Bluestem	FAC
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Sorghastrum nutans</i>	Indian Grass	UPL
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Chamaecrista fasciculata</i>	Partridge Pea	FACU
<i>Dianthus canadense</i>	Showy Tick Trefoil	FAC
<i>Anclystis hirsuta</i>	Butterfly Milkweed	NI
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium purpureum (Eurochium maculatum)</i>	Purple Joe Pye Weed	FAC
<i>Rudbeckia hirta</i>	Black Eyed Susan	FACU
<i>Aster pilosus (Symphyotrichum pilosum)</i>	Heath (or Harry) Aster	UPL
<i>Solidago serotina</i>	Early Goldenrod	

PRICE PER LB. \$39.50 MIN. QUANTITY 2 LBS. TOTAL: \$79.00 APPLY: 25 LBS/ACRE 1750 sq ft/lb

The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes. For both good erosion control and wildlife habitat value. The mix is designed to be no maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects.

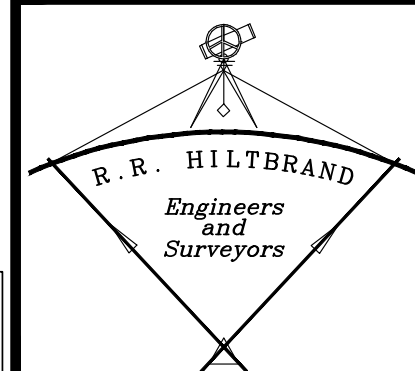
New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.

SEED MIX FOR INFILTRATION BASIN SLOPES & OUTSIDE OF FENCE TO LIMIT OF DISTURBANCE



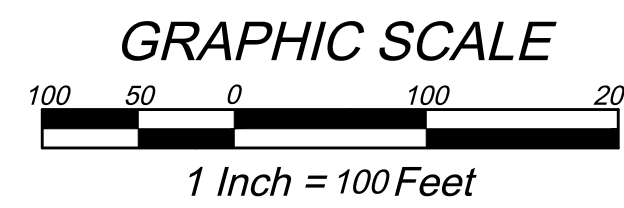
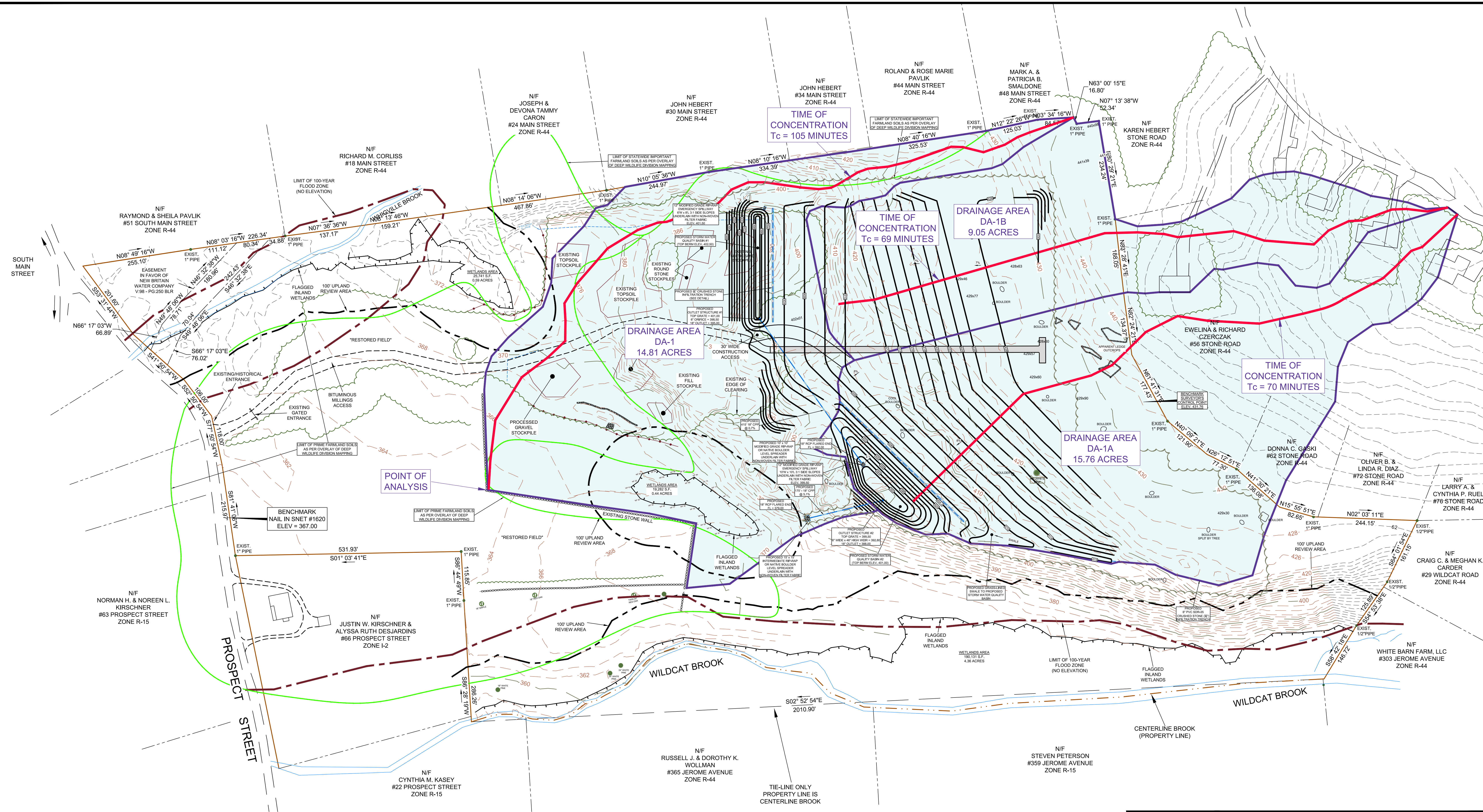
PREPARED FOR:
 Burlington Solar One, LLC
 Verogy VCP, LLC
 150 Trumbull Street
 Hartford, CT 06103

PRE-DEVELOPED DRAINAGE MAP
 Lot 33
 Prospect Street
 Burlington, Connecticut
 September 1, 2020



R. R. HILTBRAND ENGINEERS and SURVEYORS
 575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

REVISED 06/29/21 - REVISED PANEL LAYOUT AND DEEP COMMENTS
 REVISED 02/10/21 - FIRST DESIGN SUBMITTAL
 REVISED 10/30/20 - REVISED PANEL LAYOUT



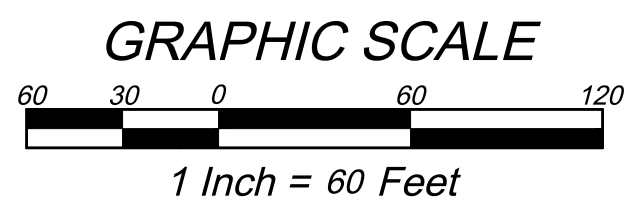
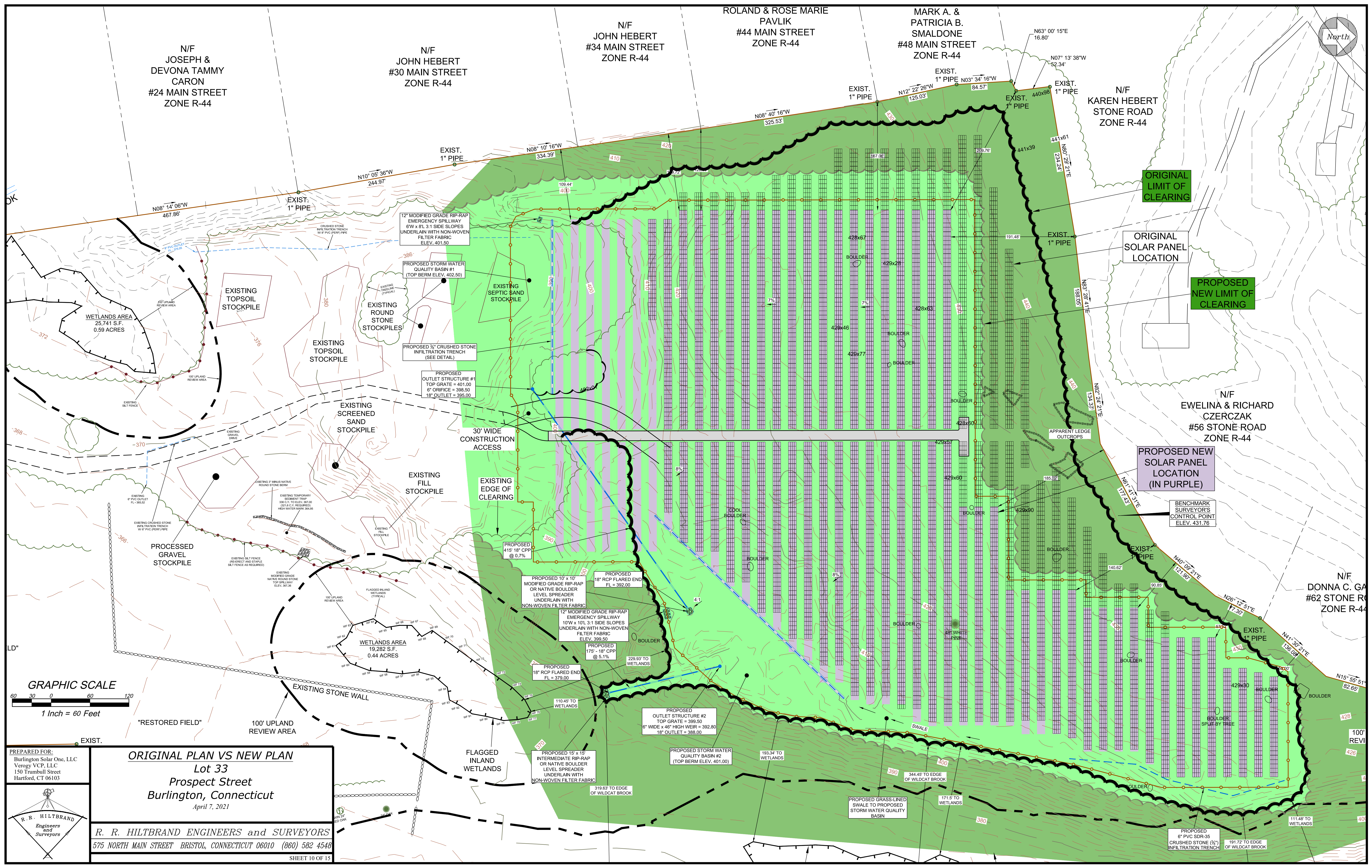
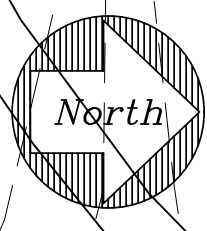
REVISED 06/29/21 - REVISED PANEL LAYOUT AND DEEP COMMENTS
 REVISED 02/10/21 - FIRST DESIGN SUBMITTAL
 REVISED 10/30/20 - REVISED PANEL LAYOUT

PREPARED FOR:
 Burlington Solar One, LLC
 Verogy VCP, LLC
 150 Trumbull Street
 Hartford, CT 06103

DEVELOPED DRAINAGE MAP
 Lot 33
 Prospect Street
 Burlington, Connecticut
 September 1, 2020

R. R. HILTBRAND ENGINEERS and SURVEYORS
 575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548

SHEET 15 OF 15



PREPARED FOR:
 Burlington Solar One, LLC
 Verogy VCP, LLC
 150 Trumbull Street
 Hartford, CT 06103

ORIGINAL PLAN VS NEW PLAN
 Lot 33
 Prospect Street
 Burlington, Connecticut
 April 7, 2021

R. R. HILTBRAND ENGINEERS and SURVEYORS
 575 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 (860) 582 4548