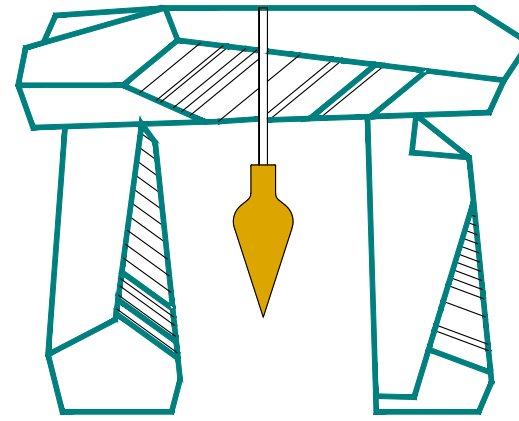


CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MASSACHUSETTS
FEBRUARY 6, 2023

DeCelle-Burke-Sala



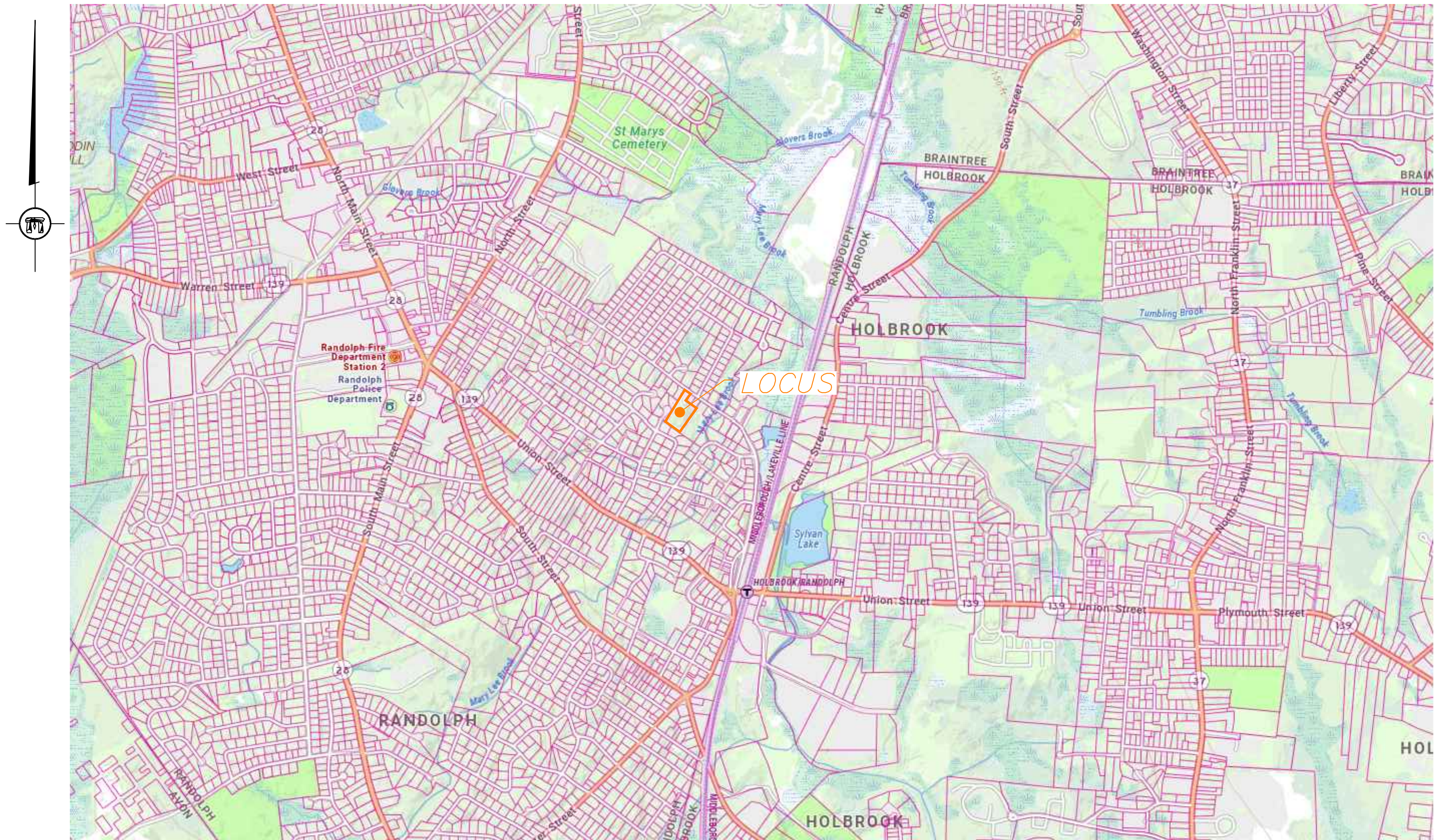
& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100(o) 617-405-5101(f)
www.decelle-burke-sala.com

APPLICANT
217 MILL ST, LLC
228 PARK AVENUE S, PMB35567
NEW YORK, NY 89135

OWNER
ARSENAULT FAMILY TRUST
217 MILL STREET
RANDOLPH, MA 02368

ARCHITECT
DONAHUE ARCHITECTS, INC.
21 McGRATH HIGHWAY
QUINCY, MA 02169

CIVIL/SURVEY
DECILLE-BURKE-SALA & ASSOCIATES
1266 FURNACE BROOK PKWY., SUITE 401
QUINCY, MA 02169

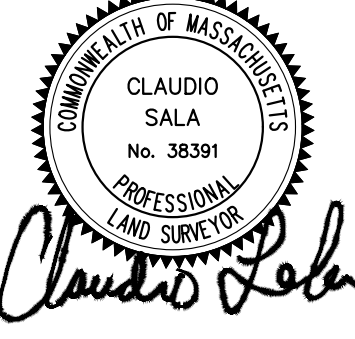
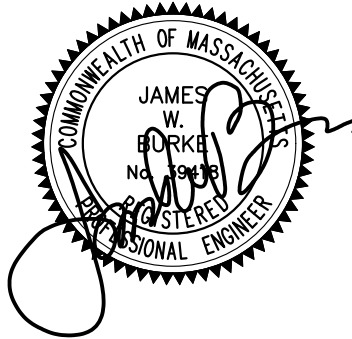


- SHEETS**
- 1 COVER SHEET
 - 2 EXISTING CONDITIONS
 - 3 CONSTRUCTION MANAGEMENT
 - 4 SUBDIVISION PLAN - SHEET 1
 - 5 SUBDIVISION PLAN - SHEET 2
 - 6 PROPOSED SITE LAYOUT
 - 7 PROPOSED SITE GRADING
 - 8 PROPOSED SITE UTILITIES
 - 9 PROPOSED ROAD PROFILE
 - 10 CONSTRUCTION DETAILS
 - 11 CONSTRUCTION DETAILS

LOCUS MAP
IMAGE FROM MASSGIS 2022
1" = 800'

ZONING SCHEDULE	
(TOWN OF RANDOLPH ZONING CODE DATED AUGUST 9, 2021)	
LOT ZONING CLASSIFICATION : RSHDD o/k/o RSFHD	
ZONING REQUIREMENT	REQUIRED
MIN. LOT AREA	12,000 S.F.
MIN. LOT FRONTAGE	100 FEET
MIN. LOT WIDTH	75 FEET
MIN. LOT DEPTH	100 FEET
MIN. FRONT SETBACK	25 FEET
MIN. SIDE SETBACK	15 FEET
MIN. REAR SETBACK	15 FEET
MAX. BUILDING HEIGHT	2.5 STORIES/40 FEET

LIST OF WAIVERS			
(TOWN OF RANDOLPH SUBDIVISION REGULATIONS EFFECTIVE JANUARY 28, 2020)			
SUBDIVISION REQUIREMENT	REQUIRED	PROPOSED	SUBDIVISION REGULATION SECTION
MIN. INTERSECTION OFFSET	200 FEET	129+ FEET	SECTION VIII.B.3
DRAINAGE STRUCTURES ON SEPARATE LOTS			SECTION VIII.D.9
DRAINAGE STRUCTURES ON SEPARATE LOTS	1" = 40' SCALE (HORIZONTAL) 1" = 4' SCALE (VERTICAL)	1" = 30' SCALE (HORIZONTAL) 1" = 3' SCALE (VERTICAL)	SECTION V.D.1



Project No. 2022.030

REVISIONS		
NO.	DATE	COMMENT
1.	04-10-2023	PEER REVIEW & PLANNING BOARD COMMENT REVISIONS

SOIL TEST PIT DATA:

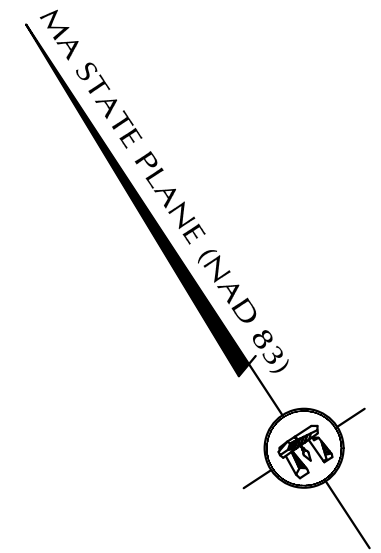
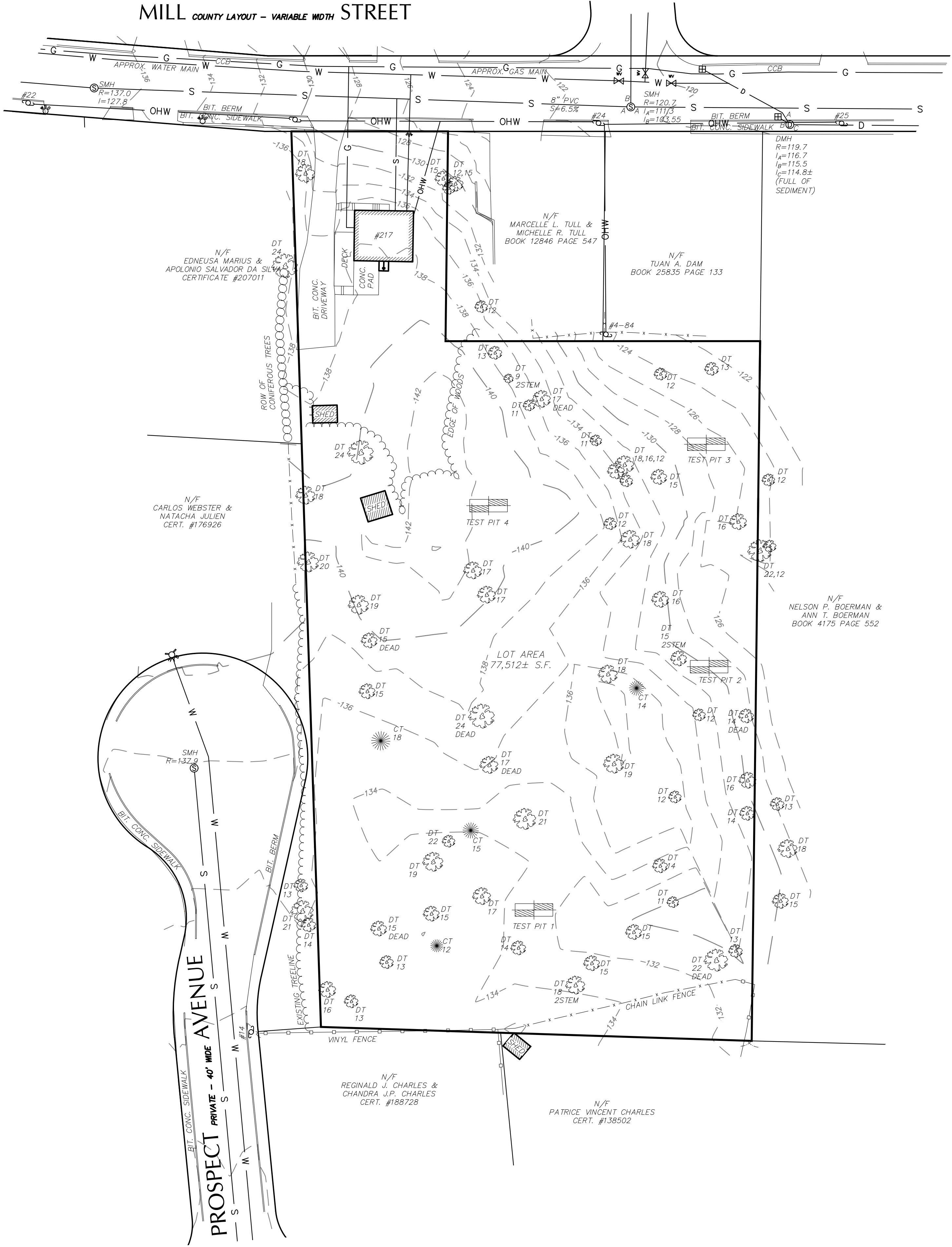
TEST PIT	1	TEST PIT	2
GRD. EL.	132.8	GRD. EL.	128.3
GW. EL.	126.8	GW. EL.	NGWO
0"	Ap, Sandy Loom 10YR3/2, Granular, Very Friable	0"	Ap, Sandy Loom 10YR5/6, Massive, Friable
12"	Bw, Sandy Loom 10YR5/6, Massive, Friable	12"	Bw, Sandy Loom 10YR5/6, Massive, Friable
24"	C ₁ SAND 2.5Y5/3, Single Grained, Loose Coarse gravelly sand with cobbles	30"	C ₁ SAND 2.5Y5/3, Single Grained, Loose Coarse gravelly sand with cobbles
41"	C ₂ SAND 2.5Y5/3, Single Grained, Loose medium sand, little to no gravel		
75"	Redox. @ 72" 7.5YR5/8 C ₂ SAND 2.5Y5/3, Single Grained, Loose Coarse gravelly sand with cobbles		
114"±	Standing water	84"±	

TEST PIT	3	TEST PIT	4
GRD. EL.	127.0	GRD. EL.	141.5
GW. EL.	NGWO	GW. EL.	NGWO
0"	Ap, Sandy Loom 10YR3/2, Granular, Very Friable	0"	Ap, Sandy Loom 10YR3/2, Granular, Very Friable
9"	Bw, Sandy Loom 10YR5/6, Massive, Friable	10"	Bw, Sandy Loom 10YR5/6, Massive, Friable
24"	C ₁ SAND 2.5Y5/4, Single Grained, Loose Coarse gravelly sand with cobbles	24"	C ₁ SAND 2.5Y5/4, Single Grained, Loose Coarse gravelly sand with cobbles
84"±		120"±	

DATE:
02/22/2023
TEST BY:
Kameron Campbell, SE #14227

INDICATES
ESTIMATED
SEASONAL HIGH
GROUND WATER
INDICATES
OBSERVED
GROUND WATER

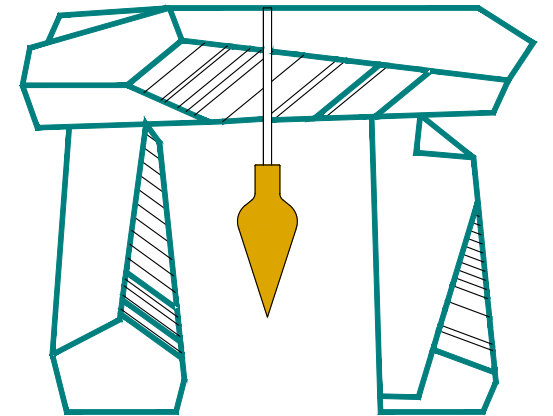
MILL COUNTY LAYOUT - VARIABLE WIDTH STREET



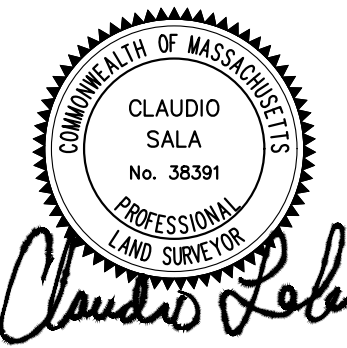
LEGEND:

- EXISTING:
- LOCUS PROPERTY LINE
 - TREE LINE
 - SEWER MANHOLE (SMH)
 - DRAIN MANHOLE (DMH)
 - CATCH BASIN (CB)
 - STONEWALL
 - GAS VALVE
 - WATER VALVE
 - WATER SERVICE
 - HYDRANT
 - UTILITY POLE
 - NOW OR FORMERLY
 - DRAIN PIPE
 - WATER MAIN
 - GAS SERVICE
 - UNDERGROUND POWER
 - OVERHEAD WIRES
 - SEWER MAIN
 - LANDSCAPED AREA
 - ELEVATION CONTOUR
 - SPOT GRADE
 - CHAIN LINK FENCE
 - STOCKADE FENCE
 - TEST PIT
 - HAND HOLES FOR UTILITIES
 - LIGHT POLE
 - DECIDUOUS TREE
 - CONIFEROUS TREE

DeCelle-Burke-Sala



& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



CLAUDIO SALA, PLS DATE

- GENERAL NOTES:
- LOCUS:
 - ASSESSORS ID: 51-H-8.01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997
 - THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.
 - EXISTING UTILITIES WHERE SHOWN IN THE DRAWINGS ARE FROM SURFACE OBSERVATION AND RECORD INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING THE PROPOSED CONSTRUCTION ACTIVITY WITH DIG-SAFE AND THE APPLICABLE UTILITY COMPANIES AND MAINTAINING THE EXISTING UTILITY SYSTEM IN SERVICE.
 - DIG-SAFE SHALL BE NOTIFIED PER THE STATE OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 409 AT TEL. 1-888-344-7233. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES WERE TAKEN FROM RECORD PLANS. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERTS OF UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
 - LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.
 - PARCEL IS ZONED RSFH.

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

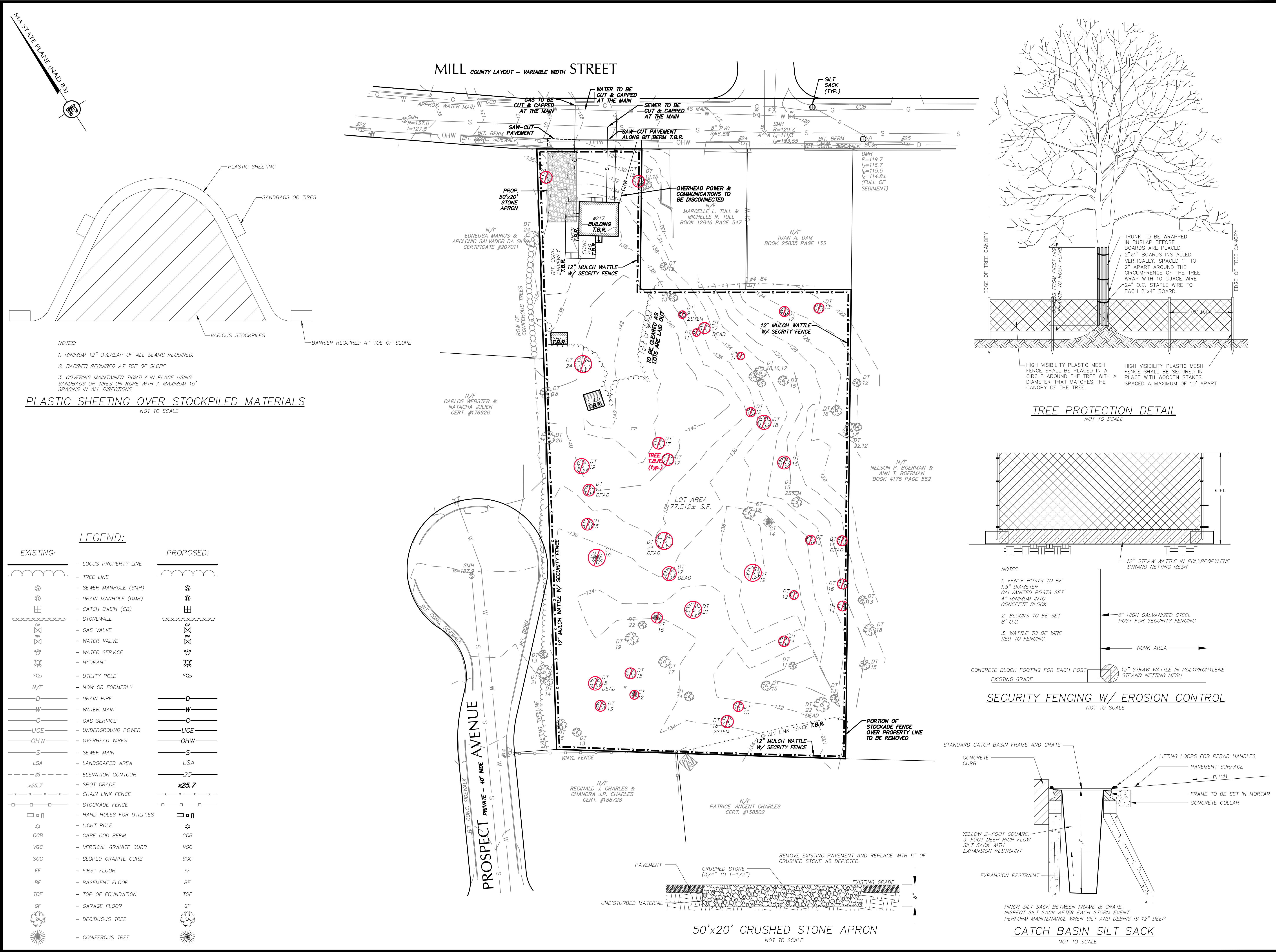
PLAN TITLE:

EXISTING CONDITIONS

PREPARED FOR:

217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023	
REVISED: APRIL 10, 2023	
REVISED:	
REVISED:	
REVISED:	
JOB NUMBER: 2022.030	SHEET 2 OF 11
30 15 0 30 60	
SCALE: 1" = 30'	



DeCelle-Burke-Sala

& Associates, Inc.

1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com

JAMES W. BURKE, P.E.

DATE

GENERAL NOTES:

1. LOCUS:

ASSESSORS ID: 51-H-8-01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997

2. THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.

3. EXISTING UTILITIES WHERE SHOWN IN THE DRAWINGS ARE FROM SURFACE OBSERVATION AND RECORD INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING THE PROPOSED CONSTRUCTION ACTIVITY WITH DIG-SAFE AND THE APPLICABLE UTILITY COMPANIES AND MAINTAINING THE EXISTING UTILITY SYSTEM IN SERVICE.

DIG-SAFE SHALL BE NOTIFIED PER THE STATE OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 409 AT TEL: 1-888-344-7233. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES WERE TAKEN FROM RECORD PLANS. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERTS OF UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.

4. LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.

5. PARCEL IS ZONED RS4D.

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

PLAN TITLE:

CONSTRUCTION MANAGEMENT

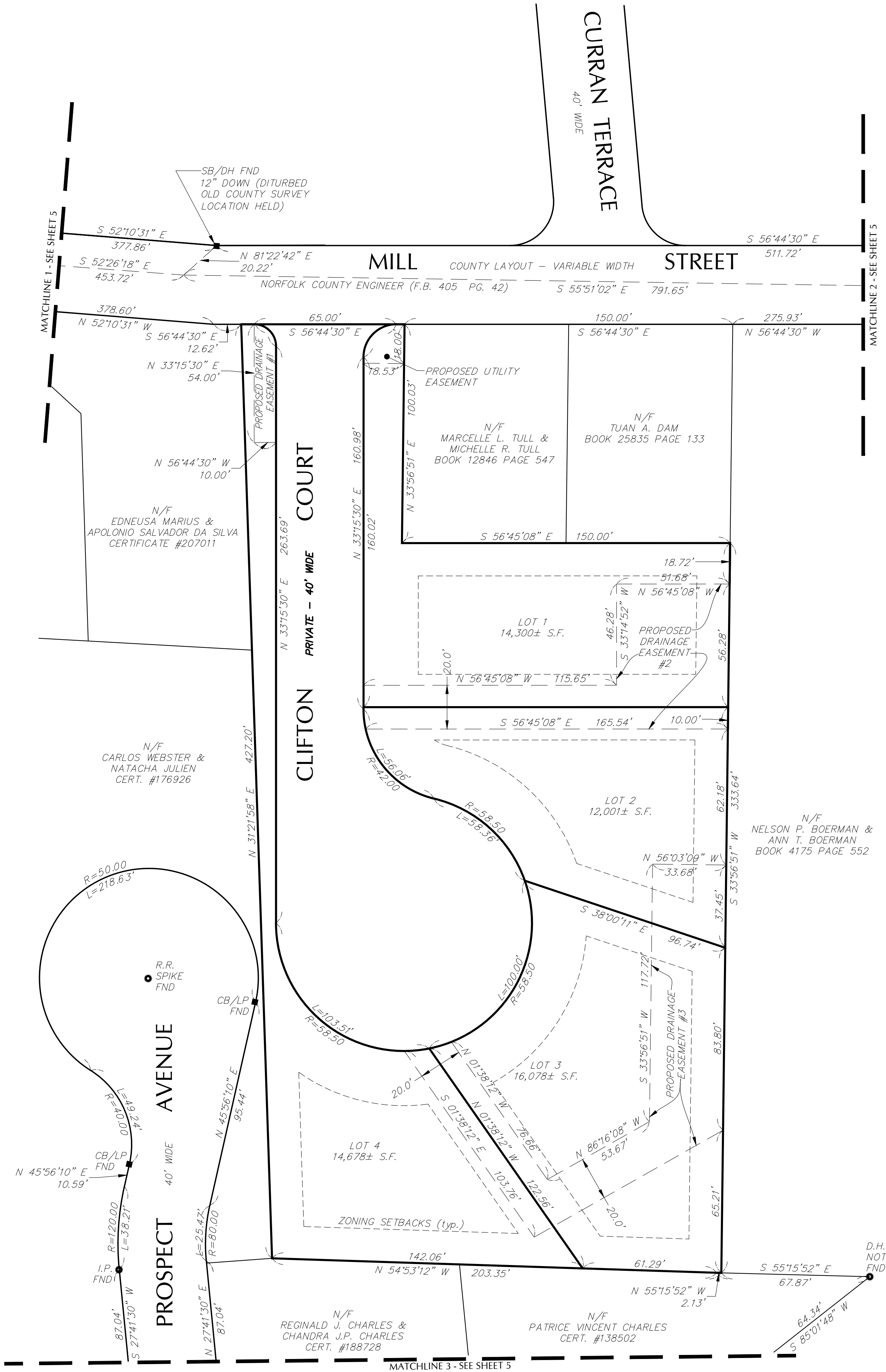
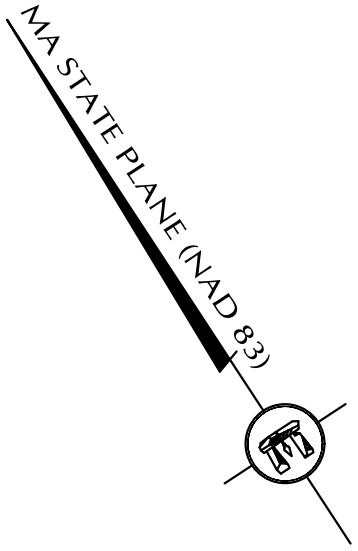
PREPARED FOR:

217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023
REVISED: APRIL 10, 2023
REVISED:
REVISED:
REVISED:

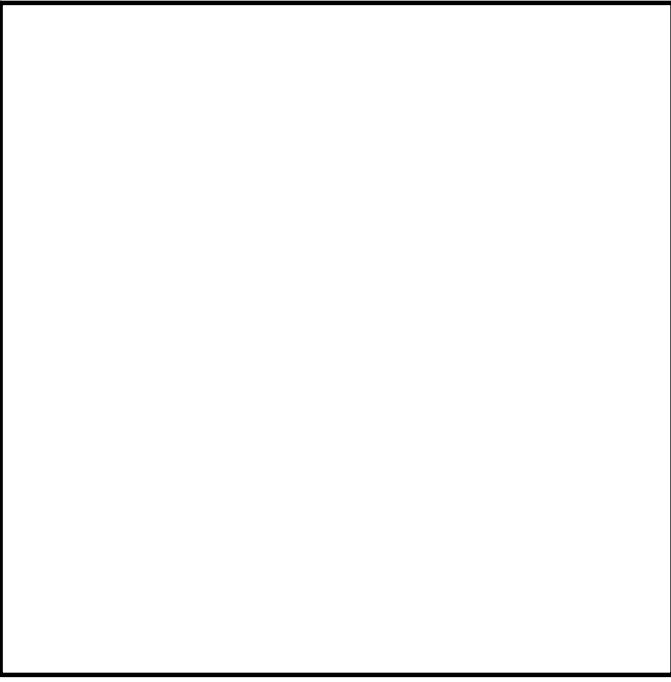
JOB NUMBER: 2022.030 SHEET 3 OF 11

SCALE: 1" = 30'



- EXISTING:
- N/F
 - SB/DH FND
 - CB/LP FND
 - CB/DH FND
 - DH/FND
 - PIPE/FND
- LOCUS PROPERTY LINE
- NOW OR FORMERLY
- STONE BOUND W/ DRILL HOLE FOUND
- CONCRETE BOUND W/ LEAD PLUG FOUND
- CONCRETE BOUND W/ DRILL HOLE FOUND
- DRILL HOLE FOUND
- PIPE FOUND

LEGEND:



I CERTIFY THAT THIS PLAN CONFORMS WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS IN THE COMMONWEALTH OF MASSACHUSETTS

CLAUDIO SALA, PLS DATE

APPROVED BY
PLANNING BOARD
TOWN OF RANDOLPH

Date:

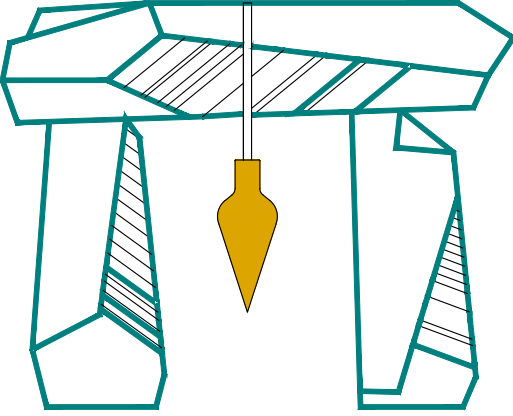
PLANNING BOARD ENDORSEMENT UNDER THE SUBDIVISION CONTROL LAW SHOULD NOT BE CONSIDERED AS EITHER AN ENDORSEMENT OR APPROVAL OF ZONING REQUIREMENTS.

ZONING SCHEDULE	
(TOWN OF RANDOLPH ZONING CODE DATED AUGUST 9, 2021)	
LOT ZONING CLASSIFICATION : RSHDD a/k/a RSFHD	
ZONING REQUIREMENT	REQUIRED
MIN. LOT AREA	— 12,000 S.F.
MIN. LOT FRONTAGE	— 100 FEET
MIN. LOT WIDTH	— 75 FEET
MIN. LOT DEPTH	— 100 FEET
MIN. FRONT SETBACK	— 25 FEET
MIN. SIDE SETBACK	— 15 FEET
MIN. REAR SETBACK	— 15 FEET
MAX. BUILDING HEIGHT	— 2.5 STORIES/40 FEET

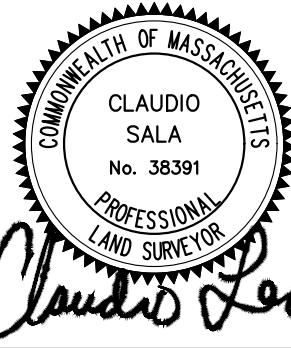
OWNED BY:

ARSENAULT FAMILY TRUST
217 MILL STREET, RANDOLPH, MA 02368
DEED REFERENCE: BOOK 14059 PAGE 498

DeCelle-Burke-Sala



& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



CLAUDIO SALA, PLS DATE

GENERAL NOTES:

- LOCUS:
- ASSESSORS ID: 51-H-8.01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997
- THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.
- LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.

PLAN REFERENCES:

NORFOLK COUNTY REGISTRY OF DEEDS

PL. BK. 96 PLAN No. 4658
PL. BK. 319 PLAN No. 207 of 1985
PL. BK. 383 PLAN No. 682 of 1989
PL. BK. 406 PLAN No. 638 OF 1992
PL. BK. 446 PLAN No. 204 of 1997
PL. BK. 449 PLAN No. 515 of 1997
PL. BK. 491 PLAN No. 693 of 2001
PLAN No. 770 of 1957
PLAN No. 267 of 1972
PLAN No. 529 of 1976

LAND COURT

LC PLAN 24454
LC PLAN 29830
LC PLAN 30039
LC PLAN 35883

NORFOLK COUNTY ENGINEERING DEPARTMENT

FIELD BOOK 15 PAGES 18-25
FIELD BOOK 405 PAGES 13-24
FIELD BOOK 405 PAGES 35-55
PLAN BOOK 8 PAGE 529

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

PLAN TITLE:

DEFINITIVE SUBDIVISION PLAN
SHEET 1

PREPARED FOR:

217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023

REVISED: APRIL 10, 2023

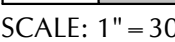
REVISED:

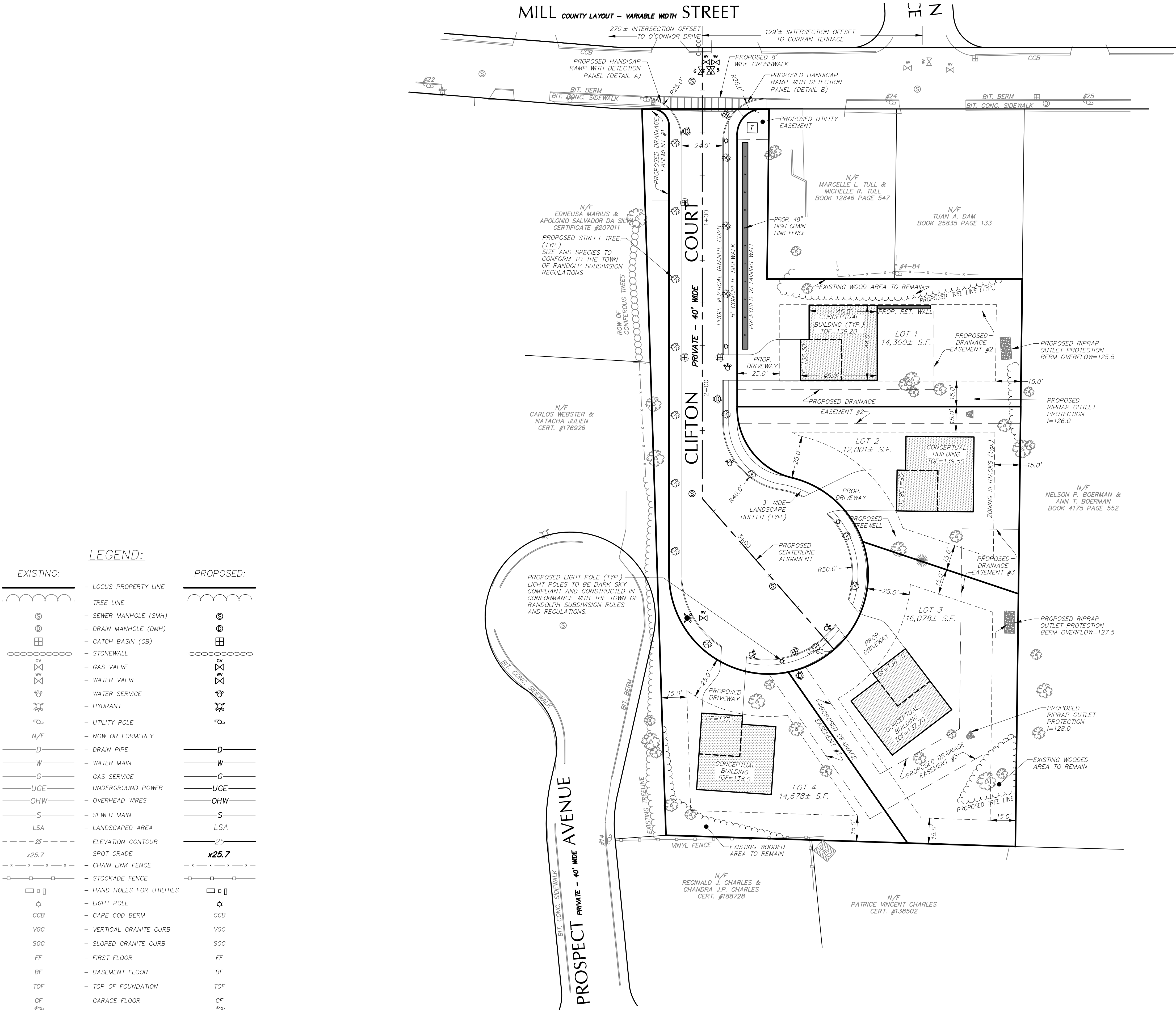
REVISED:

REVISED:

JOB NUMBER: 2022.030 SHEET 4 OF 11

30 15 0 30 60
SCALE: 1" = 30'





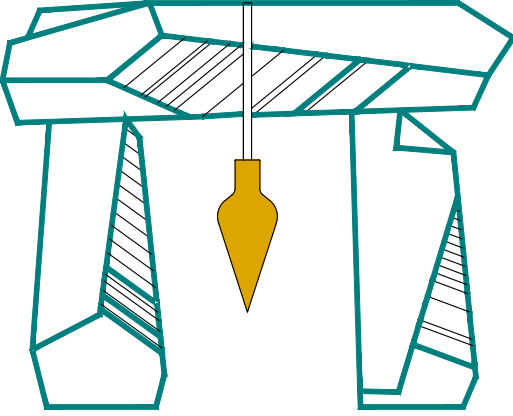
LEGEND:

EXISTING:		PROPOSED:	
	- LOCUS PROPERTY LINE		- TREE LINE
	- SEWER MANHOLE (SMH)		- DRAIN MANHOLE (DMH)
	- CATCH BASIN (CB)		- STONEWALL
	- GAS VALVE		- WATER VALVE
	- WATER SERVICE		- HYDRANT
	- UTILITY POLE		- NOW OR FORMERLY
	- DRAIN PIPE		- WATER MAIN
	- GAS SERVICE		- UNDERGROUND POWER
	- OVERHEAD WIRES		- SEWER MAIN
	- LANDSCAPED AREA		- ELEVATION CONTOUR
	- SPOT GRADE		- CHAIN LINK FENCE
	- STOCKADE FENCE		- HAND HOLES FOR UTILITIES
	- LIGHT POLE		- CAPE COD BERM
	- VERTICAL GRANITE CURB		- SLOPED GRANITE CURB
	- FIRST FLOOR		- BASEMENT FLOOR
	- TOP OF FOUNDATION		- GARAGE FLOOR
	- DECIDUOUS TREE		- CONIFEROUS TREE

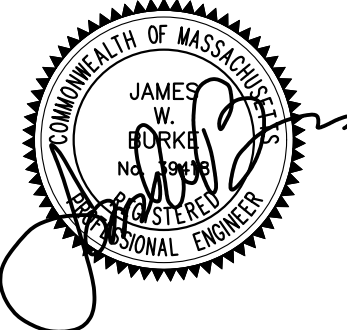
ZONING SCHEDULE	
(TOWN OF RANDOLPH ZONING CODE DATED AUGUST 9, 2021)	
LOT ZONING CLASSIFICATION : RSHDD o/k/a RSFHD	
ZONING REQUIREMENT	REQUIRED
MIN. LOT AREA	= 12,000 S.F.
MIN. LOT FRONTAGE	= 100 FEET
MIN. LOT WIDTH	= 75 FEET
MIN. LOT DEPTH	= 100 FEET
MIN. FRONT SETBACK	= 25 FEET
MIN. SIDE SETBACK	= 15 FEET
MIN. REAR SETBACK	= 15 FEET
MAX. BUILDING HEIGHT	= 2.5 STORIES/40 FEET

LIST OF WAIVERS		
(TOWN OF RANDOLPH SUBDIVISION REGULATIONS EFFECTIVE JANUARY 28, 2020)		
SUBDIVISION REQUIREMENT	REQUIRED	PROPOSED
MIN. INTERSECTION OFFSET	200 FEET	129± FEET
DRAINAGE STRUCTURES ON SEPARATE LOTS		

DeCelle-Burke-Sala



& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



JAMES W. BURKE, P.E. DATE

- GENERAL NOTES:
- LOCUS:
 - ASSESSORS ID: 51-H-8.01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997
 - THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.
 - EXISTING UTILITIES WHERE SHOWN IN THE DRAWINGS ARE FROM SURFACE OBSERVATION AND RECORD INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING THE PROPOSED CONSTRUCTION ACTIVITY WITH DIG-SAFE AND THE APPLICABLE UTILITY COMPANIES AND MAINTAINING THE EXISTING UTILITY SYSTEM IN SERVICE.
 - DIG-SAFE SHALL BE NOTIFIED PER THE STATE OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 409 AT TEL. 1-888-344-7233. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES WERE TAKEN FROM RECORD PLANS. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERTS OF UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
 - LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.
 - PARCEL IS ZONED RSFHD.

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

PLAN TITLE:

PROPOSED SITE LAYOUT

PREPARED FOR:

217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023

REVISED: APRIL 10, 2023

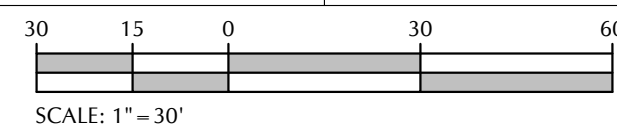
REVISED:

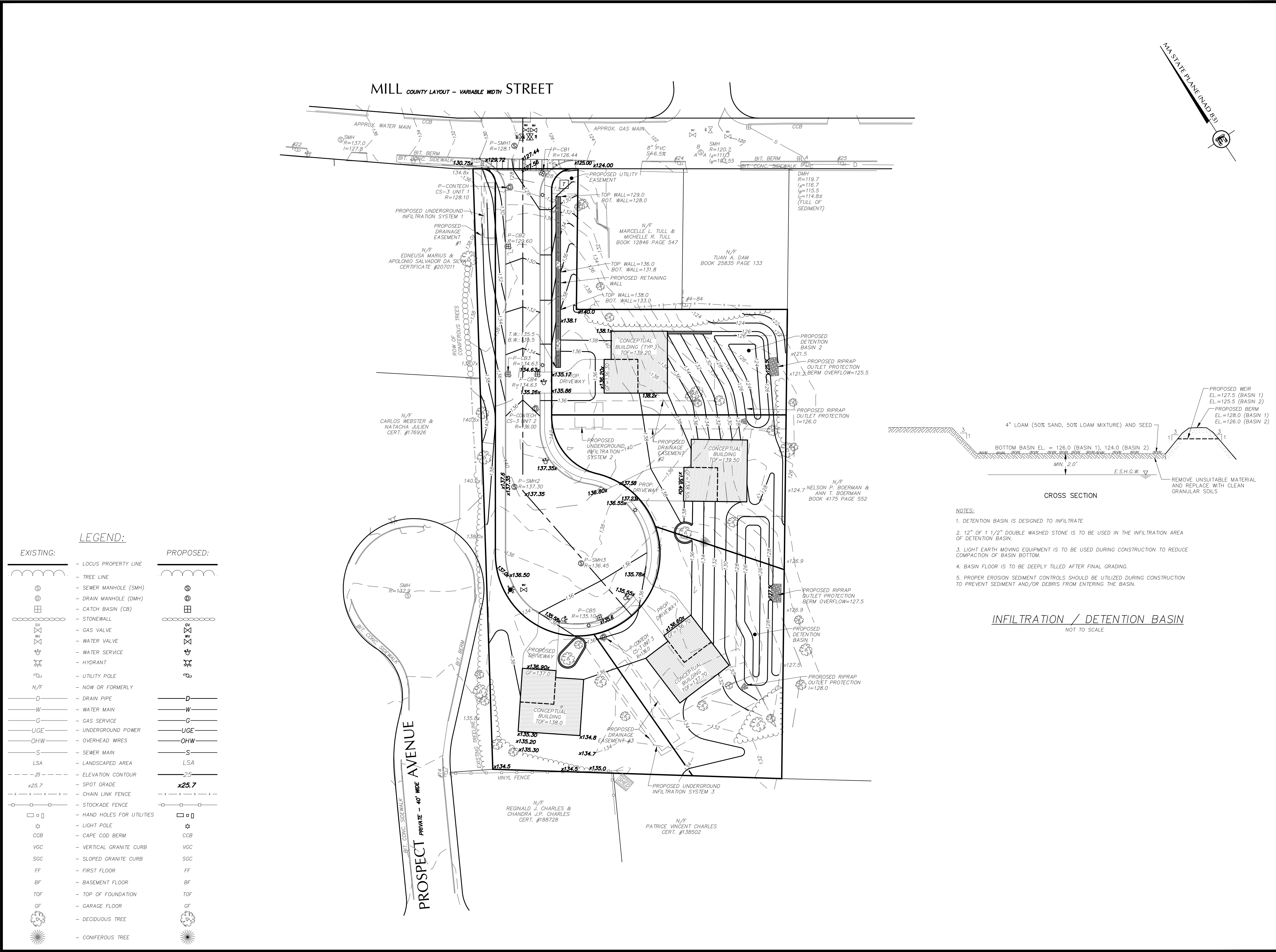
REVISED:

REVISED:

REVISED:

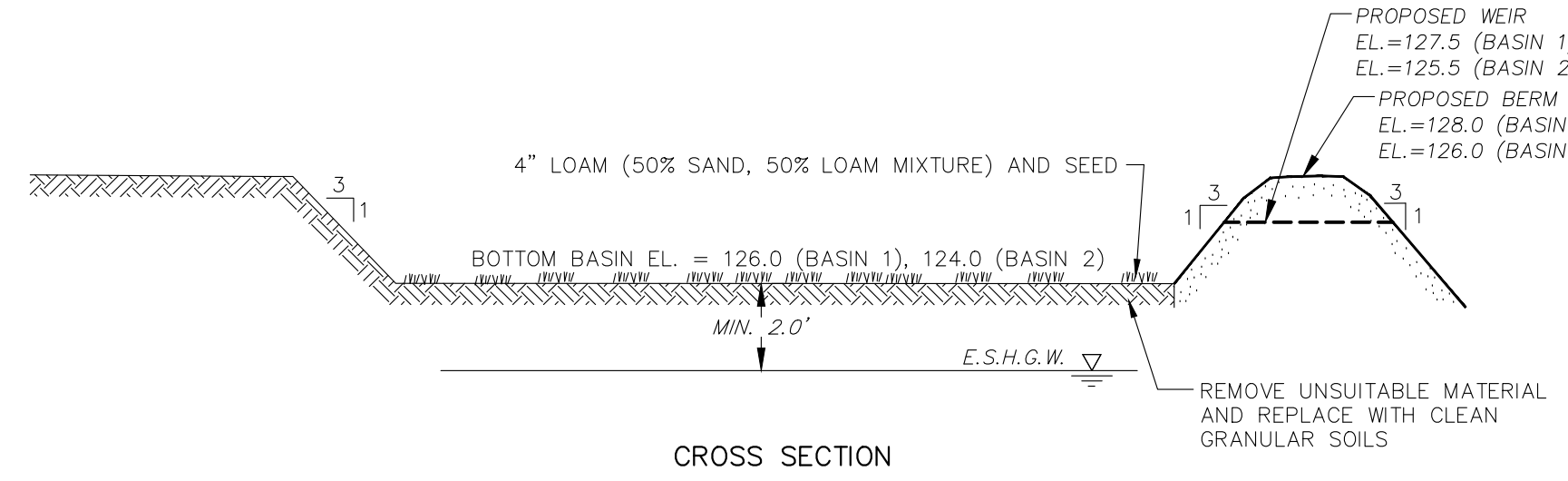
JOB NUMBER: 2022.030 SHEET 6 OF 11





LEGEND:

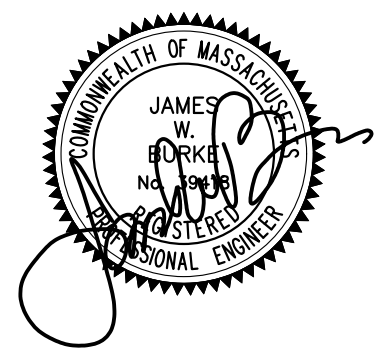
EXISTING:		PROPOSED:	
	- LOCUS PROPERTY LINE		
	- TREE LINE		
	- SEWER MANHOLE (SMH)		
	- DRAIN MANHOLE (DMH)		
	- CATCH BASIN (CB)		
	- STONEWALL		
	- GAS VALVE		
	- WATER VALVE		
	- WATER SERVICE		
	- HYDRANT		
	- UTILITY POLE		
	- NOW OR FORMERLY		
	- DRAIN PIPE		
	- WATER MAIN		
	- GAS SERVICE		
	- UNDERGROUND POWER		
	- OVERHEAD WIRES		
	- SEWER MAIN		
	- LANDSCAPED AREA		
	- ELEVATION CONTOUR		
	- SPOT GRADE		
	- CHAIN LINK FENCE		
	- STOCKADE FENCE		
	- HAND HOLES FOR UTILITIES		
	- LIGHT POLE		
	- CAPE COD BERM		
	- VERTICAL GRANITE CURB		
	- SLOPED GRANITE CURB		
	- FIRST FLOOR		
	- BASEMENT FLOOR		
	- TOP OF FOUNDATION		
	- GARAGE FLOOR		
	- DECIDUOUS TREE		
	- CONIFEROUS TREE		



- NOTES:
1. DETENTION BASIN IS DESIGNED TO INFILTRATE
 2. 12" OF 1 1/2" DOUBLE WASHED STONE IS TO BE USED IN THE INFILTRATION AREA OF DETENTION BASIN.
 3. LIGHT EARTH MOVING EQUIPMENT IS TO BE USED DURING CONSTRUCTION TO REDUCE COMPACTION OF BASIN BOTTOM.
 4. BASIN FLOOR IS TO BE DEEPLY TILLED AFTER FINAL GRADING.
 5. PROPER EROSION SEDIMENT CONTROLS SHOULD BE UTILIZED DURING CONSTRUCTION TO PREVENT SEDIMENT AND/OR DEBRIS FROM ENTERING THE BASIN.

INFILTRATION / DETENTION BASIN
NOT TO SCALE

DeCelle-Burke-Sala
& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



JAMES W. BURKE, P.E. DATE

- GENERAL NOTES:
1. LOCUS:
 - ASSESSORS ID: 51-H-8.01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997
 2. THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.
 3. EXISTING UTILITIES WHERE SHOWN IN THE DRAWINGS ARE FROM SURFACE OBSERVATION AND RECORD INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING THE PROPOSED CONSTRUCTION ACTIVITY WITH DIG-SAFE AND THE APPLICABLE UTILITY COMPANIES AND MAINTAINING THE EXISTING UTILITY SYSTEM IN SERVICE.
 - DIG-SAFE SHALL BE NOTIFIED PER THE STATE OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 409 AT TEL. 1-888-344-7233. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES WERE TAKEN FROM RECORD PLANS. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERTS OF UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
 4. LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.
 5. PARCEL IS ZONED RSFH.

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

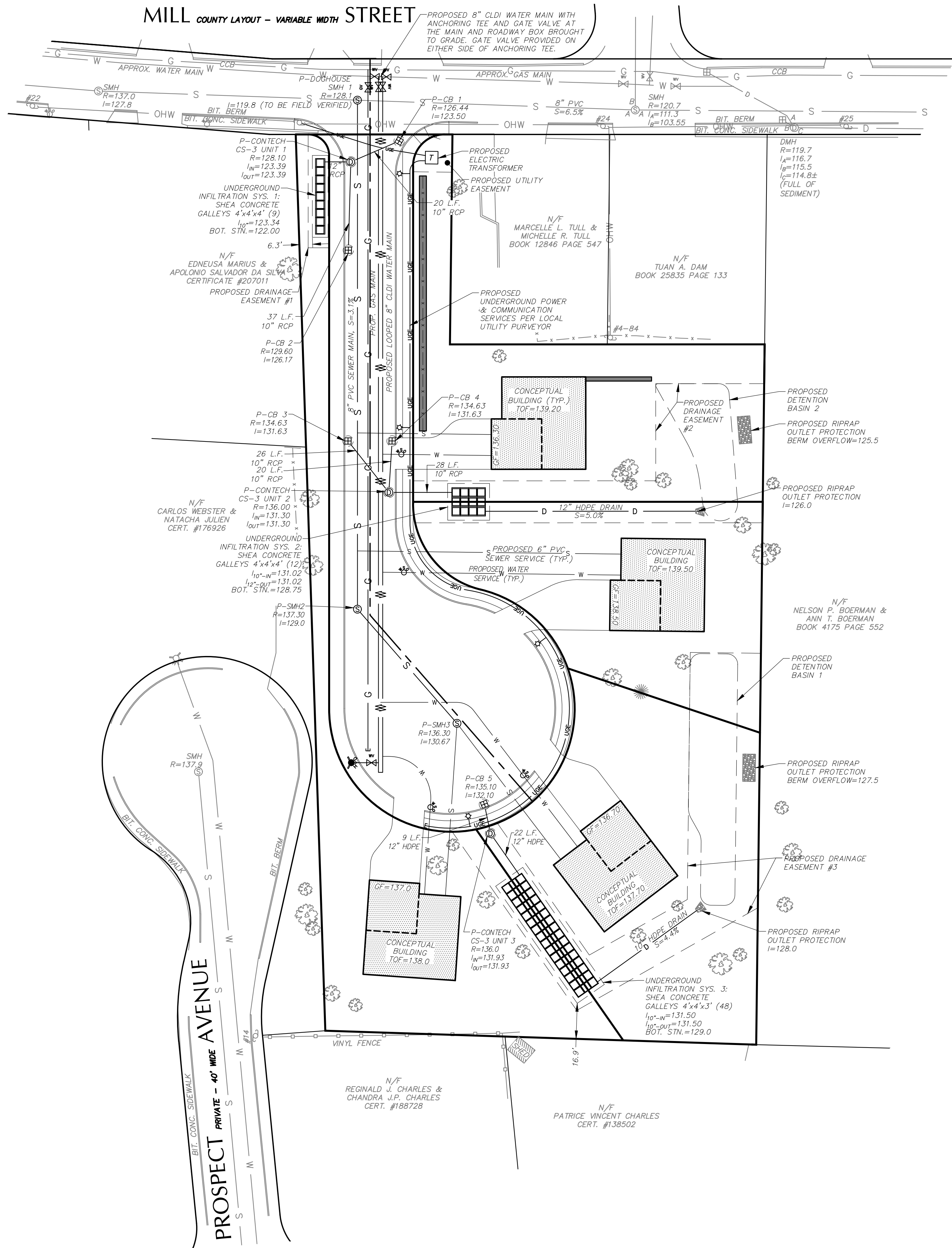
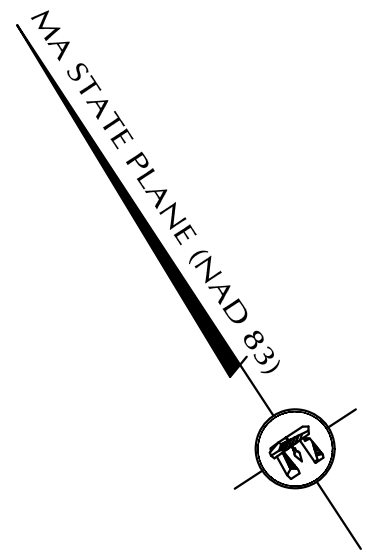
PLAN TITLE:

PROPOSED SITE GRADING

PREPARED FOR:

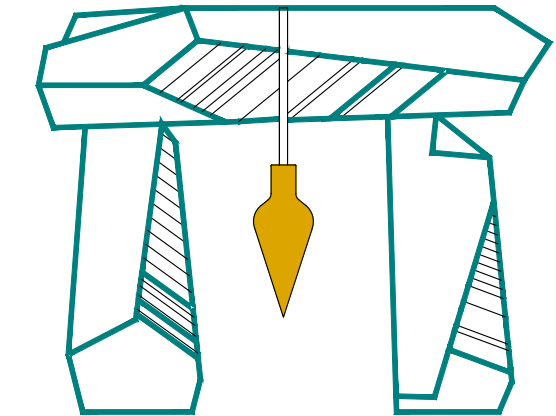
217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023	
REVISED: APRIL 10, 2023	
REVISED:	
REVISED:	
REVISED:	
JOB NUMBER: 2022.030	SHEET 7 OF 11
30 15 0 30 60	
SCALE: 1" = 30'	

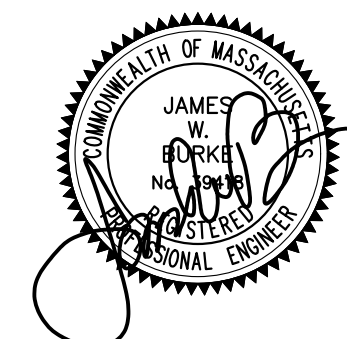


LEGEND:	
EXISTING:	PROPOSED:

DeCelle-Burke-Sala



& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



JAMES W. BURKE, P.E. DATE

- GENERAL NOTES:
- LOCUS:
 - ASSESSORS ID: 51-H-8-01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997
 - THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.
 - EXISTING UTILITIES WHERE SHOWN IN THE DRAWINGS ARE FROM SURFACE OBSERVATION AND RECORD INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING THE PROPOSED CONSTRUCTION ACTIVITY WITH DIG-SAFE AND THE APPLICABLE UTILITY COMPANIES AND MAINTAINING THE EXISTING UTILITY SYSTEM IN SERVICE.
 - DIG-SAFE SHALL BE NOTIFIED PER THE STATE OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 409 AT TEL. 1-888-344-7233. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES WERE TAKEN FROM RECORD PLANS. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERTS OF UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
 - LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.
 - PARCEL IS ZONED RSFH.

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

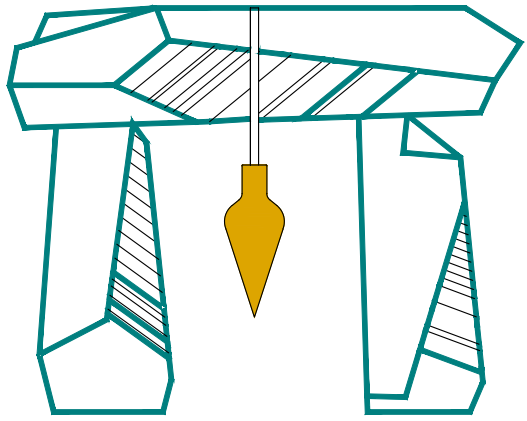
PLAN TITLE:

PROPOSED SITE UTILITIES

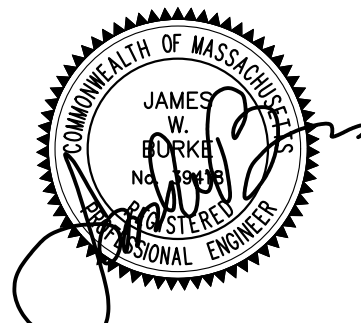
PREPARED FOR:

217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023	
REVISED: APRIL 10, 2023	
REVISED:	
REVISED:	
REVISED:	
JOB NUMBER: 2022.030	SHEET 8 OF 11
30 15 0 30 60	
SCALE: 1" = 30'	



& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



JAMES W. BURKE, P.E. DATE

GENERAL NOTES:

- LOCUS:
ASSESSORS ID: 51-H-8.01
RECORD OWNER: ARSENAULT FAMILY TRUST
DEED REFERENCE: BOOK 14059 PAGE 498
PLAN REFERENCE: PLAN No. 204 of 1997
- THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JUNE 2022. ELEVATIONS SHOWN REFER TO NAVD-88.
- EXISTING UTILITIES WHERE SHOWN IN THE DRAWINGS ARE FROM SURFACE OBSERVATION AND RECORD INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING THE PROPOSED CONSTRUCTION ACTIVITY WITH DIG-SAFE AND THE APPLICABLE UTILITY COMPANIES AND MAINTAINING THE EXISTING UTILITY SYSTEM IN SERVICE.
- DIG-SAFE SHALL BE NOTIFIED PER THE STATE OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 409 AT TEL. 1-888-344-7233. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES WERE TAKEN FROM RECORD PLANS. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERTS OF UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
- LOCUS IS LOCATED WITHIN A ZONE X, AS DELINEATED ON FIRM 25021C0217E, EFFECTIVE 07/17/2012.
- PARCEL IS ZONED RSFH.

PROJECT TITLE & LOCATION:

CLIFTON COURT DEVELOPMENT
DEFINITIVE SUBDIVISION
217 MILL STREET
RANDOLPH, MA

PLAN TITLE:

PROPOSED ROAD PROFILE

PREPARED FOR:

217 MILL ST, LLC
228 PARK AVENUE S, PMB 35567
NEW YORK, NY 89135

DATE: FEBRUARY 6, 2023

REVISED: APRIL 10, 2023

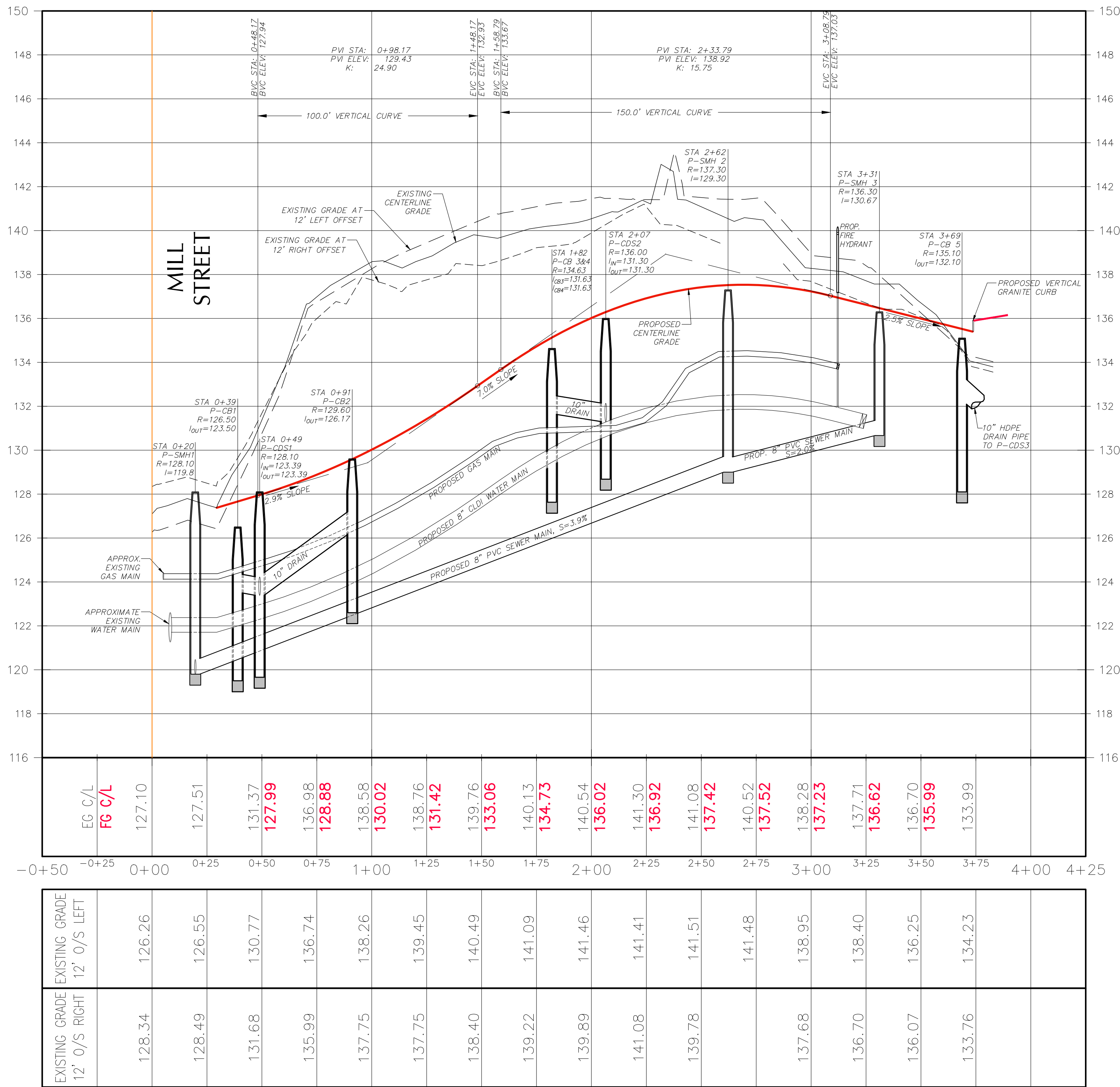
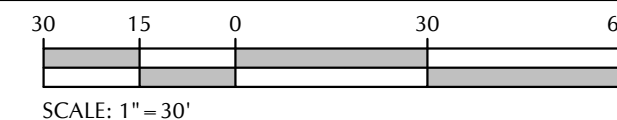
REVISED:

REVISED:

REVISED:

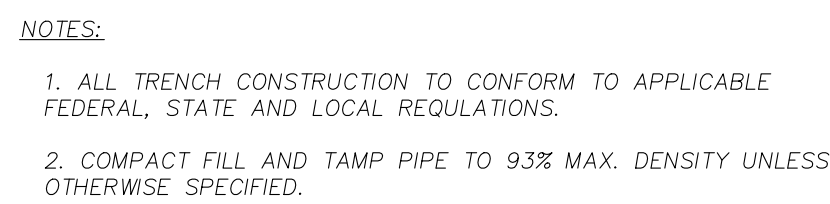
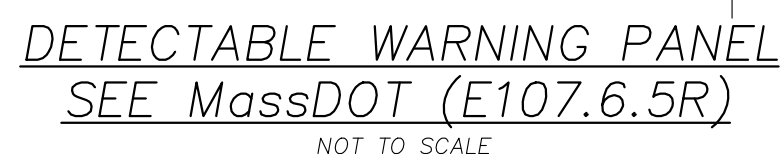
JOB NUMBER: 2022.030

SHEET 9 OF 11

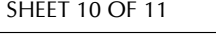


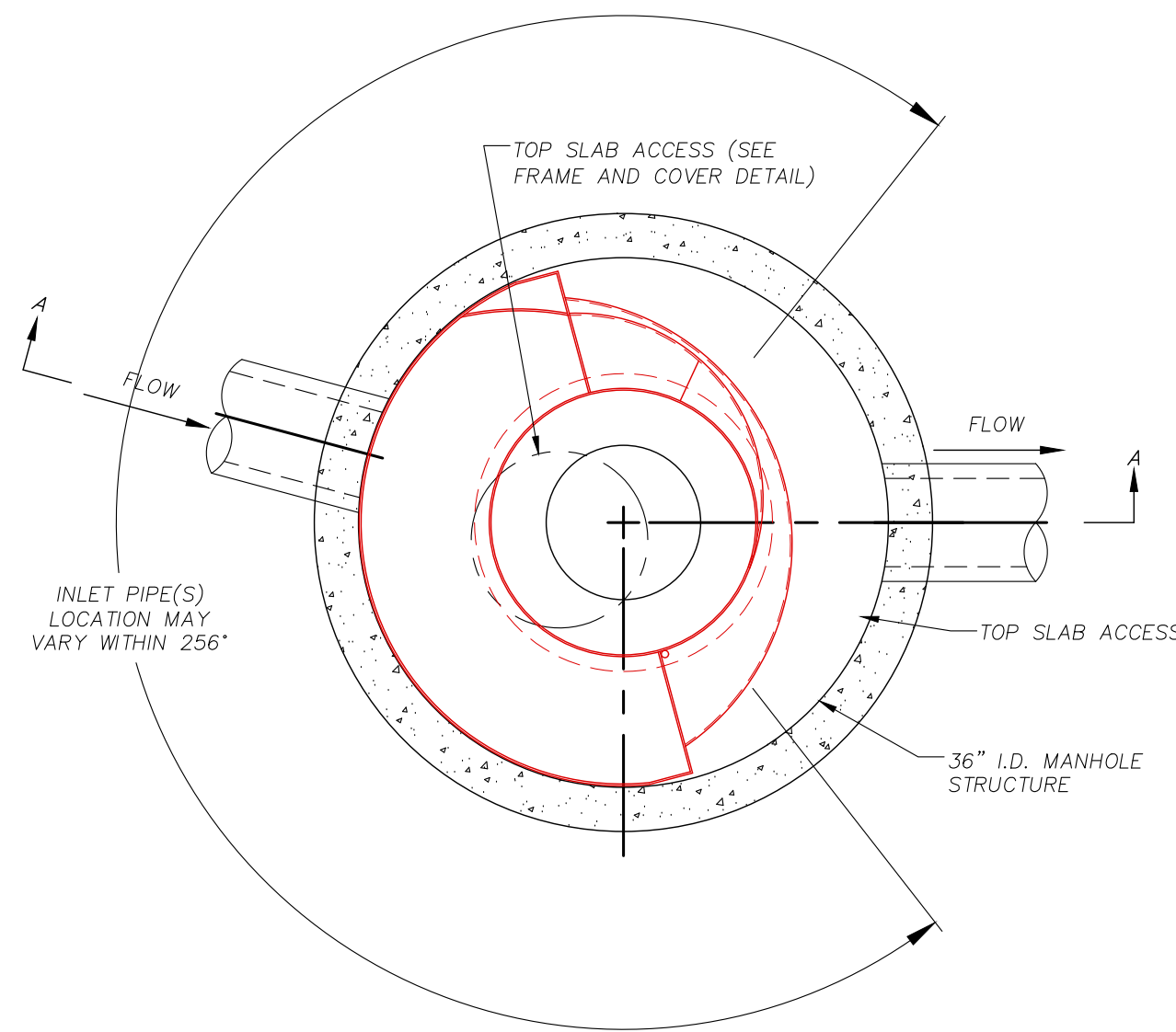
PROPOSED ROAD PROFILE

VERTICAL SCALE: 1" = 3'
HORIZONTAL SCALE: 1" = 30'

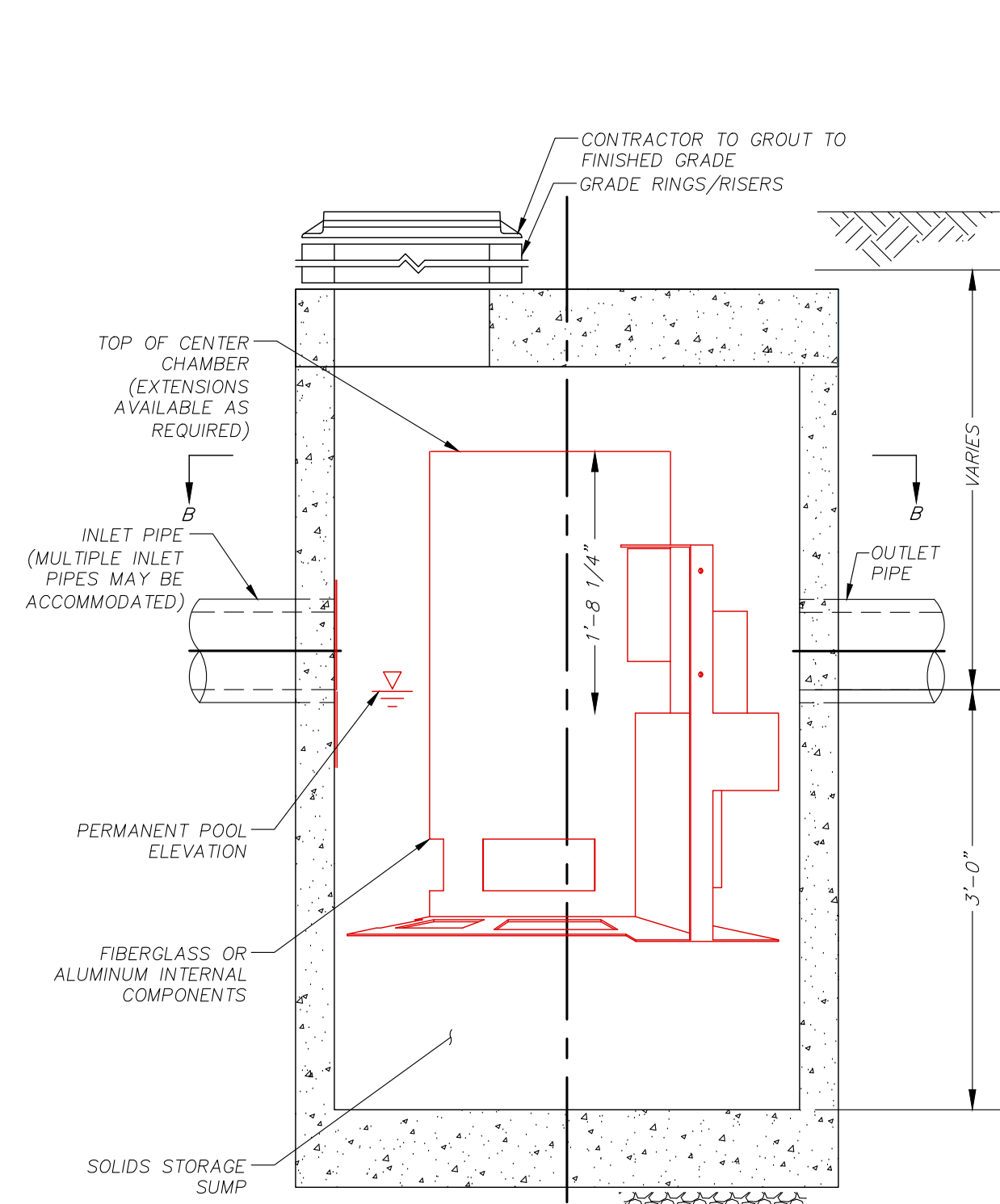


TYPICAL TRENCH SECTIONS
NOT TO SCALE





PLAN VIEW B-B
NOT TO SCALE



ELEVATION A-A
NOT TO SCALE

CONTECH CS-3 CASCADE SEPARATOR
NOT TO SCALE



- GENERAL NOTES**
- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
 - FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contechES.com
 - CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
 - CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0'-2' AND GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
 - CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.

- INSTALLATION NOTES**
- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
 - CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE.
 - CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
 - CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
 - CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,789,898; 6,441,126; 6,511,090; 6,509,176; 6,511,091; 6,511,092; 6,511,093; 6,511,094; 6,511,095; 6,511,096; 6,511,097; 6,511,098; 6,511,099; 6,511,100; 6,511,101; 6,511,102; 6,511,103; 6,511,104; 6,511,105; 6,511,106; 6,511,107; 6,511,108; 6,511,109; 6,511,110; 6,511,111; 6,511,112; 6,511,113; 6,511,114; 6,511,115; 6,511,116; 6,511,117; 6,511,118; 6,511,119; 6,511,120; 6,511,121; 6,511,122; 6,511,123; 6,511,124; 6,511,125; 6,511,126; 6,511,127; 6,511,128; 6,511,129; 6,511,130; 6,511,131; 6,511,132; 6,511,133; 6,511,134; 6,511,135; 6,511,136; 6,511,137; 6,511,138; 6,511,139; 6,511,140; 6,511,141; 6,511,142; 6,511,143; 6,511,144; 6,511,145; 6,511,146; 6,511,147; 6,511,148; 6,511,149; 6,511,150; 6,511,151; 6,511,152; 6,511,153; 6,511,154; 6,511,155; 6,511,156; 6,511,157; 6,511,158; 6,511,159; 6,511,160; 6,511,161; 6,511,162; 6,511,163; 6,511,164; 6,511,165; 6,511,166; 6,511,167; 6,511,168; 6,511,169; 6,511,170; 6,511,171; 6,511,172; 6,511,173; 6,511,174; 6,511,175; 6,511,176; 6,511,177; 6,511,178; 6,511,179; 6,511,180; 6,511,181; 6,511,182; 6,511,183; 6,511,184; 6,511,185; 6,511,186; 6,511,187; 6,511,188; 6,511,189; 6,511,190; 6,511,191; 6,511,192; 6,511,193; 6,511,194; 6,511,195; 6,511,196; 6,511,197; 6,511,198; 6,511,199; 6,511,200; 6,511,201; 6,511,202; 6,511,203; 6,511,204; 6,511,205; 6,511,206; 6,511,207; 6,511,208; 6,511,209; 6,511,210; 6,511,211; 6,511,212; 6,511,213; 6,511,214; 6,511,215; 6,511,216; 6,511,217; 6,511,218; 6,511,219; 6,511,220; 6,511,221; 6,511,222; 6,511,223; 6,511,224; 6,511,225; 6,511,226; 6,511,227; 6,511,228; 6,511,229; 6,511,230; 6,511,231; 6,511,232; 6,511,233; 6,511,234; 6,511,235; 6,511,236; 6,511,237; 6,511,238; 6,511,239; 6,511,240; 6,511,241; 6,511,242; 6,511,243; 6,511,244; 6,511,245; 6,511,246; 6,511,247; 6,511,248; 6,511,249; 6,511,250; 6,511,251; 6,511,252; 6,511,253; 6,511,254; 6,511,255; 6,511,256; 6,511,257; 6,511,258; 6,511,259; 6,511,260; 6,511,261; 6,511,262; 6,511,263; 6,511,264; 6,511,265; 6,511,266; 6,511,267; 6,511,268; 6,511,269; 6,511,270; 6,511,271; 6,511,272; 6,511,273; 6,511,274; 6,511,275; 6,511,276; 6,511,277; 6,511,278; 6,511,279; 6,511,280; 6,511,281; 6,511,282; 6,511,283; 6,511,284; 6,511,285; 6,511,286; 6,511,287; 6,511,288; 6,511,289; 6,511,290; 6,511,291; 6,511,292; 6,511,293; 6,511,294; 6,511,295; 6,511,296; 6,511,297; 6,511,298; 6,511,299; 6,511,300; 6,511,301; 6,511,302; 6,511,303; 6,511,304; 6,511,305; 6,511,306; 6,511,307; 6,511,308; 6,511,309; 6,511,310; 6,511,311; 6,511,312; 6,511,313; 6,511,314; 6,511,315; 6,511,316; 6,511,317; 6,511,318; 6,511,319; 6,511,320; 6,511,321; 6,511,322; 6,511,323; 6,511,324; 6,511,325; 6,511,326; 6,511,327; 6,511,328; 6,511,329; 6,511,330; 6,511,331; 6,511,332; 6,511,333; 6,511,334; 6,511,335; 6,511,336; 6,511,337; 6,511,338; 6,511,339; 6,511,340; 6,511,341; 6,511,342; 6,511,343; 6,511,344; 6,511,345; 6,511,346; 6,511,347; 6,511,348; 6,511,349; 6,511,350; 6,511,351; 6,511,352; 6,511,353; 6,511,354; 6,511,355; 6,511,356; 6,511,357; 6,511,358; 6,511,359; 6,511,360; 6,511,361; 6,511,362; 6,511,363; 6,511,364; 6,511,365; 6,511,366; 6,511,367; 6,511,368; 6,511,369; 6,511,370; 6,511,371; 6,511,372; 6,511,373; 6,511,374; 6,511,375; 6,511,376; 6,511,377; 6,511,378; 6,511,379; 6,511,380; 6,511,381; 6,511,382; 6,511,383; 6,511,384; 6,511,385; 6,511,386; 6,511,387; 6,511,388; 6,511,389; 6,511,390; 6,511,391; 6,511,392; 6,511,393; 6,511,394; 6,511,395; 6,511,396; 6,511,397; 6,511,398; 6,511,399; 6,511,400; 6,511,401; 6,511,402; 6,511,403; 6,511,404; 6,511,405; 6,511,406; 6,511,407; 6,511,408; 6,511,409; 6,511,410; 6,511,411; 6,511,412; 6,511,413; 6,511,414; 6,511,415; 6,511,416; 6,511,417; 6,511,418; 6,511,419; 6,511,420; 6,511,421; 6,511,422; 6,511,423; 6,511,424; 6,511,425; 6,511,426; 6,511,427; 6,511,428; 6,511,429; 6,511,430; 6,511,431; 6,511,432; 6,511,433; 6,511,434; 6,511,435; 6,511,436; 6,511,437; 6,511,438; 6,511,439; 6,511,440; 6,511,441; 6,511,442; 6,511,443; 6,511,444; 6,511,445; 6,511,446; 6,511,447; 6,511,448; 6,511,449; 6,511,450; 6,511,451; 6,511,452; 6,511,453; 6,511,454; 6,511,455; 6,511,456; 6,511,457; 6,511,458; 6,511,459; 6,511,460; 6,511,461; 6,511,462; 6,511,463; 6,511,464; 6,511,465; 6,511,466; 6,511,467; 6,511,468; 6,511,469; 6,511,470; 6,511,471; 6,511,472; 6,511,473; 6,511,474; 6,511,475; 6,511,476; 6,511,477; 6,511,478; 6,511,479; 6,511,480; 6,511,481; 6,511,482; 6,511,483; 6,511,484; 6,511,485; 6,511,486; 6,511,487; 6,511,488; 6,511,489; 6,511,490; 6,511,491; 6,511,492; 6,511,493; 6,511,494; 6,511,495; 6,511,496; 6,511,497; 6,511,498; 6,511,499; 6,511,500; 6,511,501; 6,511,502; 6,511,503; 6,511,504; 6,511,505; 6,511,506; 6,511,507; 6,511,508; 6,511,509; 6,511,510; 6,511,511; 6,511,512; 6,511,513; 6,511,514; 6,511,515; 6,511,516; 6,511,517; 6,511,518; 6,511,519; 6,511,520; 6,511,521; 6,511,522; 6,511,523; 6,511,524; 6,511,525; 6,511,526; 6,511,527; 6,511,528; 6,511,529; 6,511,530; 6,511,531; 6,511,532; 6,511,533; 6,511,534; 6,511,535; 6,511,536; 6,511,537; 6,511,538; 6,511,539; 6,511,540; 6,511,541; 6,511,542; 6,511,543; 6,511,544; 6,511,545; 6,511,546; 6,511,547; 6,511,548; 6,511,549; 6,511,550; 6,511,551; 6,511,552; 6,511,553; 6,511,554; 6,511,555; 6,511,556; 6,511,557; 6,511,558; 6,511,559; 6,511,560; 6,511,561; 6,511,562; 6,511,563; 6,511,564; 6,511,565; 6,511,566; 6,511,567; 6,511,568; 6,511,569; 6,511,570; 6,511,571; 6,511,572; 6,511,573; 6,511,574; 6,511,575; 6,511,576; 6,511,577; 6,511,578; 6,511,579; 6,511,580; 6,511,581; 6,511,582; 6,511,583; 6,511,584; 6,511,585; 6,511,586; 6,511,587; 6,511,588; 6,511,589; 6,511,590; 6,511,591; 6,511,592; 6,511,593; 6,511,594; 6,511,595; 6,511,596; 6,511,597; 6,511,598; 6,511,599; 6,511,600; 6,511,601; 6,511,602; 6,511,603; 6,511,604; 6,511,605; 6,511,606; 6,511,607; 6,511,608; 6,511,609; 6,511,610; 6,511,611; 6,511,612; 6,511,613; 6,511,614; 6,511,615; 6,511,616; 6,511,617; 6,511,618; 6,511,619; 6,511,620; 6,511,621; 6,511,622; 6,511,623; 6,511,624; 6,511,625; 6,511,626; 6,511,627; 6,511,628; 6,511,629; 6,511,630; 6,511,631; 6,511,632; 6,511,633; 6,511,634; 6,511,635; 6,511,636; 6,511,637; 6,511,638; 6,511,639; 6,511,640; 6,511,641; 6,511,642; 6,511,643; 6,511,644; 6,511,645; 6,511,646; 6,511,647; 6,511,648; 6,511,649; 6,511,650; 6,511,651; 6,511,652; 6,511,653; 6,511,654; 6,511,655; 6,511,656; 6,511,657; 6,511,658; 6,511,659; 6,511,660; 6,511,661; 6,511,662; 6,511,663; 6,511,664; 6,511,665; 6,511,666; 6,511,667; 6,511,668; 6,511,669; 6,511,670; 6,511,671; 6,511,672; 6,511,673; 6,511,674; 6,511,675; 6,511,676; 6,511,677; 6,511,678; 6,511,679; 6,511,680; 6,511,681; 6,511,682; 6,511,683; 6,511,684; 6,511,685; 6,511,686; 6,511,687; 6,511,688; 6,511,689; 6,511,690; 6,511,691; 6,511,692; 6,511,693; 6,511,694; 6,511,695; 6,511,696; 6,511,697; 6,511,698; 6,511,699; 6,511,700; 6,511,701; 6,511,702; 6,511,703; 6,511,704; 6,511,705; 6,511,706; 6,511,707; 6,511,708; 6,511,709; 6,511,710; 6,511,711; 6,511,712; 6,511,713; 6,511,714; 6,511,715; 6,511,716; 6,511,717; 6,511,718; 6,511,719; 6,511,720; 6,511,721; 6,511,722; 6,511,723; 6,511,724; 6,511,725; 6,511,726; 6,511,727; 6,511,728; 6,511,729; 6,511,730; 6,511,731; 6,511,732; 6,511,733; 6,511,734; 6,511,735; 6,511,736; 6,511,737; 6,511,738; 6,511,739; 6,511,740; 6,511,741; 6,511,742; 6,511,743; 6,511,744; 6,511,745; 6,511,746; 6,511,747; 6,511,748; 6,511,749; 6,511,750; 6,511,751; 6,511,752; 6,511,753; 6,511,754; 6,511,755; 6,511,756; 6,511,757; 6,511,758; 6,511,759; 6,511,760; 6,511,761; 6,511,762; 6,511,763; 6,511,764; 6,511,765; 6,511,766; 6,511,767; 6,511,768; 6,511,769; 6,511,770; 6,511,771; 6,511,772; 6,511,773; 6,511,774; 6,511,775; 6,511,776; 6,511,777; 6,511,778; 6,511,779; 6,511,780; 6,511,781; 6,511,782; 6,511,783; 6,511,784; 6,511,785; 6,511,786; 6,511,787; 6,511,788; 6,511,789; 6,511,790; 6,511,791; 6,511,792; 6,511,793; 6,511,794; 6,511,795; 6,511,796; 6,511,797; 6,511,798; 6,511,799; 6,511,800; 6,511,801; 6,511,802; 6,511,803; 6,511,804; 6,511,805; 6,511,806; 6,511,807; 6,511,808; 6,511,809; 6,511,810; 6,511,811; 6,511,812; 6,511,813; 6,511,814; 6,511,815; 6,511,816; 6,511,817; 6,511,818; 6,511,819; 6,511,820; 6,511,821; 6,511,822; 6,511,823; 6,511,824; 6,511,825; 6,511,826; 6,511,827; 6,511,828; 6,511,829; 6,511,830; 6,511,831; 6,511,832; 6,511,833; 6,511,834; 6,511,835; 6,511,836; 6,511,837; 6,511,838; 6,511,839; 6,511,840; 6,511,841; 6,511,842; 6,511,843; 6,511,844; 6,511,845; 6,511,846; 6,511,847; 6,511,848; 6,511,849; 6,511,850; 6,511,851; 6,511,852; 6,511,853; 6,511,854; 6,511,855; 6,511,856; 6,511,857; 6,511,858; 6,511,859; 6,511,860; 6,511,861; 6,511,862; 6,511,863; 6,511,864; 6,511,865; 6,511,866; 6,511,867; 6,511,868; 6,511,869; 6,511,870; 6,511,871; 6,511,872; 6,511,873; 6,511,874; 6,511,875; 6,511,876; 6,511,877; 6,511,878; 6,511,879; 6,511,880; 6,511,881; 6,511,882; 6,511,883; 6,511,884; 6,511,885; 6,511,886; 6,511,887; 6,511,888; 6,511,889; 6,511,890; 6,511,891; 6,511,892; 6,511,893; 6,511,894; 6,511,895; 6,511,896; 6,511,897; 6,511,898; 6,511,899; 6,511,900; 6,511,901; 6,511,902; 6,511,903; 6,511,904; 6,511,905; 6,511,906; 6,511,907; 6,511,908; 6,511,909; 6,511,910; 6,511,911; 6,511,912; 6,511,913; 6,511,914; 6,511,915; 6,511,916; 6,511,917; 6,511,918; 6,511,919; 6,511,920; 6,511,921; 6,511,922; 6,511,923; 6,511,924; 6,511,925; 6,511,926; 6,511,927; 6,511,928; 6,511,929; 6,511,930; 6,511,931; 6,511,932; 6,511,933; 6,511,934; 6,511,935; 6,511,936; 6,511,937; 6,511,938; 6,511,939; 6,511,940; 6,511,941; 6,511,942; 6,511,943; 6,511,944; 6,511,945; 6,511,946; 6,511,947; 6,511,948; 6,511,949; 6,511,950; 6,511,951; 6,511,952; 6,511,953; 6,511,954; 6,511,955; 6,511,956; 6,511,957; 6,511,958; 6,511,959; 6,511,960; 6,511,961; 6,511,962; 6,511,963; 6,511,964; 6,511,965; 6,511,966; 6,511,967; 6,511,968; 6,511,969; 6,511,970; 6,511,971; 6,511,972; 6,511,973; 6,511,974; 6,511,975; 6,511,976; 6,511,977; 6,511,978; 6,511,979; 6,511,980; 6,511,981; 6,511,982; 6,511,983; 6,511,984; 6,511,985; 6,511,986; 6,511,987; 6,511,988; 6,511,989; 6,511,990; 6,511,991; 6,511,992; 6,511,993; 6,511,994; 6,511,995; 6,511,996; 6,511,997; 6,511,998; 6,511,999; 6,512,000; 6,512,001; 6,512,002; 6,512,003; 6,512,004; 6,512,005; 6,512,006; 6,512,007; 6,512,008; 6,512,009; 6,512,010; 6,512,011; 6,512,012; 6,512,013; 6,512,014; 6,512,015; 6,512,016; 6,512,017; 6,512,018; 6,512,019; 6,512,020; 6,512,021; 6,512,022; 6,512,023; 6,512,024; 6,512,025; 6,512,026; 6,512,027; 6,512,028; 6,512,029; 6,512,030; 6,512,031; 6,512,032; 6,512,033; 6,512,034; 6,512,035; 6,512,036; 6,512,037; 6,512,038; 6,512,039; 6,512,040; 6,512,041; 6,512,042; 6,512,043; 6,512,044; 6,512,045; 6,512,046; 6,512,047; 6,512,048; 6,512,049; 6,512,050; 6,512,051; 6,512,052; 6,512,053; 6,512,054; 6,512,055; 6,512,056; 6,512,057; 6,512,058; 6,512,059; 6,512,060; 6,512,061; 6,512,062; 6,512,063; 6,512,064; 6,512,065; 6,512,066; 6,512,067; 6,512,068; 6,512,069; 6,512,070; 6,512,071; 6,512,072; 6,512,073; 6,512,074; 6,512,075; 6,512,076; 6,512,077; 6,512,078; 6,512,079; 6,512,080; 6,512,081; 6,512,082; 6,512,083; 6,512,084; 6,512,085; 6,512,086; 6,512,087; 6,512,088; 6,512,089; 6,512,090; 6,512,091; 6,512,092; 6,512,093; 6,512,094; 6,512,095; 6,512,096; 6,512,097; 6,512,098; 6,512,099; 6,512,100; 6,512,101; 6,512,102; 6,512,103; 6,512,104; 6,512,105; 6,512,106; 6,512,107; 6,512,108; 6,512,109; 6,512