

MILTON HILL DEVELOPMENT PROPOSED DEFINITIVE SUBDIVISION 34 MILTON HILL ROAD MILTON, MASSACHUSETTS MAY 23, 2022



LOCATIONAL MAP IMAGE FROM 2022 AERIAL PHOTO
1" = 200'

SHEETS

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

APPLICANT

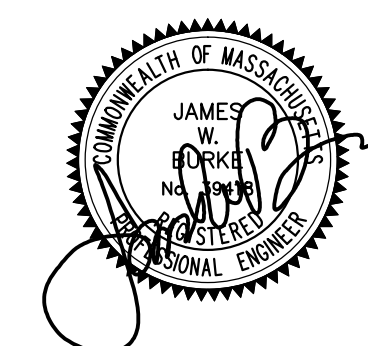
JOSHUA D. WILD
174 DORCHESTER STREET
BOSTON, MA 02127

CIVIL/SURVEY

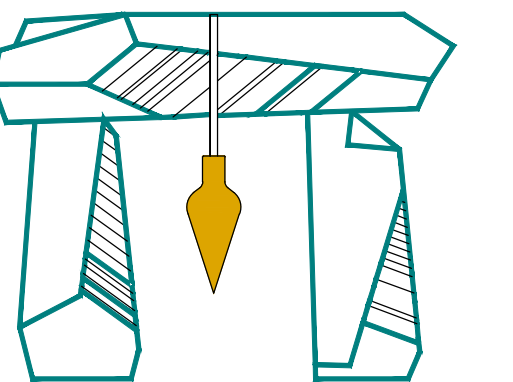
DECELLE-BURKE-SALA & ASSOCIATES, INC.
1266 FURNACE BROOK PARKWAY
SUITE 401
QUINCY, MA 02169



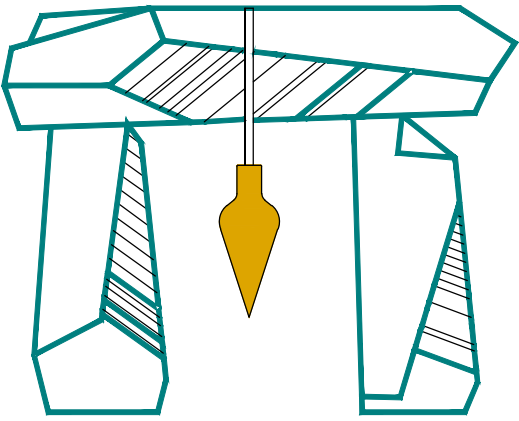
REVISIONS		
NO.	DATE	COMMENT
1	6/9/2022	PLANNING DEPT. COMMENTS
2	6/20/2022	PLANNING DEPT. SITE WALK COMMENTS



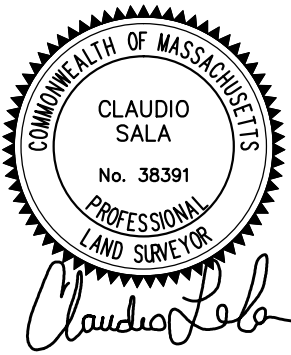
DeCelle-Burke-Sala



& Associates, Inc.
1266 Furnace Brook Parkway #401
Quincy, MA 02169
617-405-5100(o) 617-405-5101(f)
Project No. 2022.02



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Quincy, MA 02169
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www.decelle-burke-sala.com



CLAUDIO SALA, PLS

DATE

GENERAL NOTES:

- LOCUS: ASSESSORS MAP F BLOCK 8 LOT 9
RECORD OWNER: JOSEPH P. & DIANE E. GROGAN
DEED REFERENCE: BOOK 39906 PAGE 540
PLAN REFERENCE: PLAN 301 OF 1946 (LOT A & 3)
- THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JANUARY 2022.
- 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.
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- THE LOT SHOWN LIES WITHIN SPECIAL FLOOD HAZARD ZONE AE (EL 11) AS DELINEATED ON FIRM 25021C0068F, DATED JUNE 9, 2014.
- WETLANDS SHOWN DELINEATED BY ECOTEC, INC. ON JANUARY 27, 2022.
- PARCEL IS ZONED RESIDENCE A.

MIN. LOT AREA = 40,000 S.F.
MIN. FRONTAGE = 150 FT.
MIN. FRONT YARD = 30 FT.
MIN. SIDE YARD = 15 FT.
MIN. REAR YARD = 30 FT.

PROJECT TITLE & LOCATION:

MILTON HILL DEVELOPMENT
PROPOSED DEFINITIVE SUBDIVISION
34 MILTON HILL ROAD
MILTON, MASS.

PLAN TITLE:

EXISTING CONDITIONS

PREPARED FOR:

JOSHUA D WILD
174 DORCHESTER STREET
BOSTON, MA 02127

DATE: MAY 28, 2022

REVISED: JUNE 9, 2022

REVISED: JUNE 20, 2022

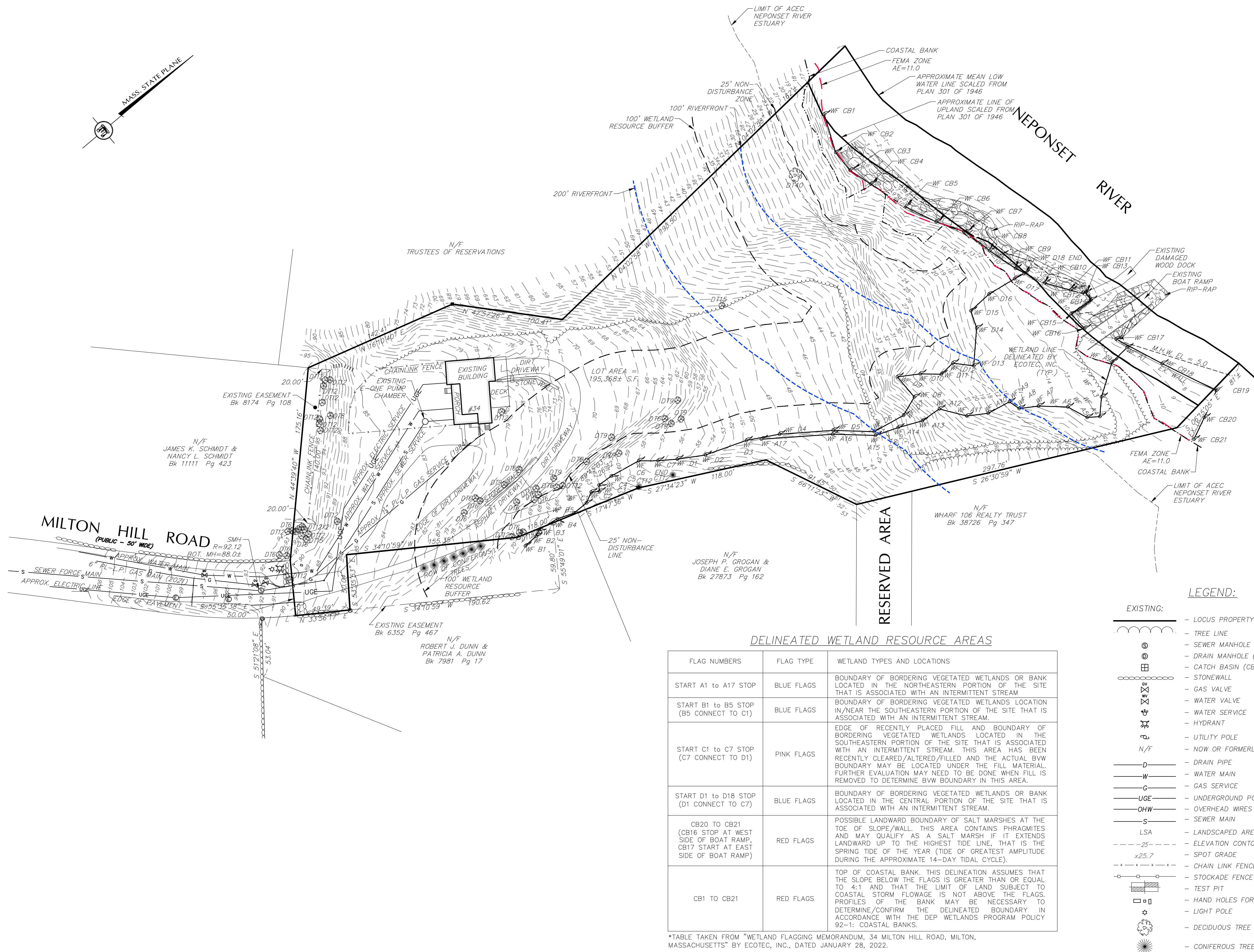
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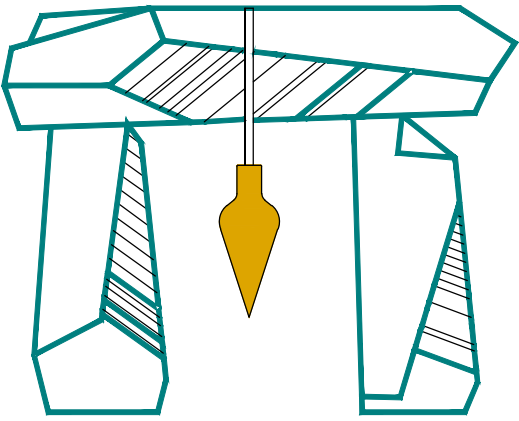
REVISED:

JOB NUMBER: 2022.002

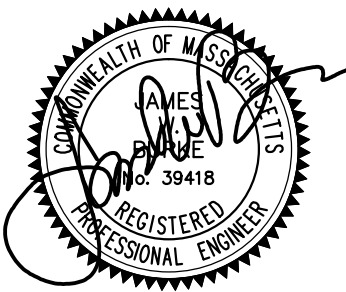
SHEET 2 OF 11

40 20 0 40 80
SCALE: 1" = 40'





& Associates, Inc.
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Quincy, MA 02169
617-405-5100 (o) 617-405-5101 (f)
www.decelle-burke-sala.com



JAMES W. BURKE, P.E.

DATE

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MILTON HILL DEVELOPMENT
PROPOSED DEFINITIVE SUBDIVISION
34 MILTON HILL ROAD
MILTON, MASS.

PLAN TITLE:

CONSTRUCTION MANAGEMENT

PREPARED FOR:

JOSHUA D WILD
174 DORCHESTER STREET
BOSTON, MA 02127

DATE: MAY 28, 2022

REVISED: JUNE 9, 2022

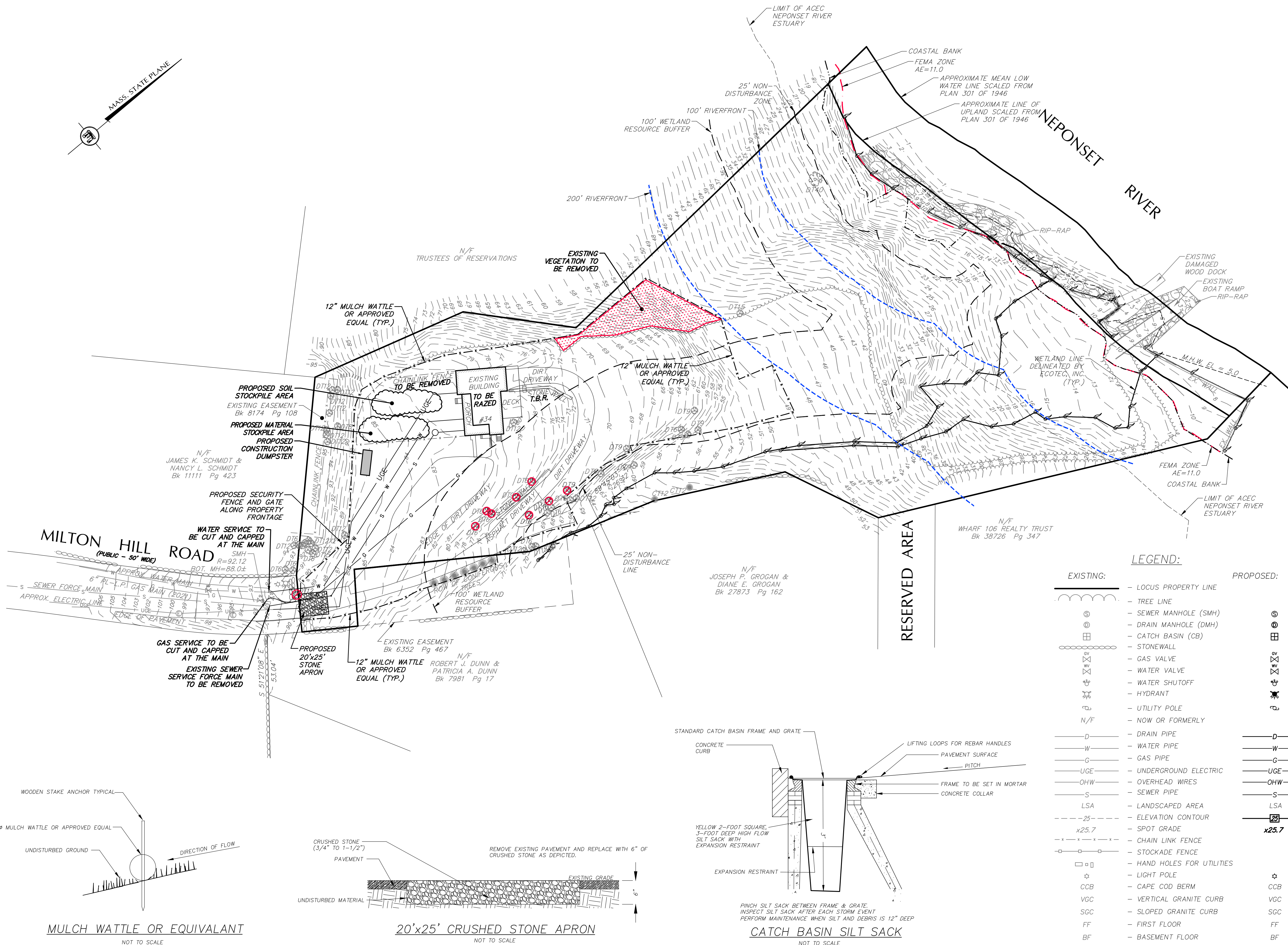
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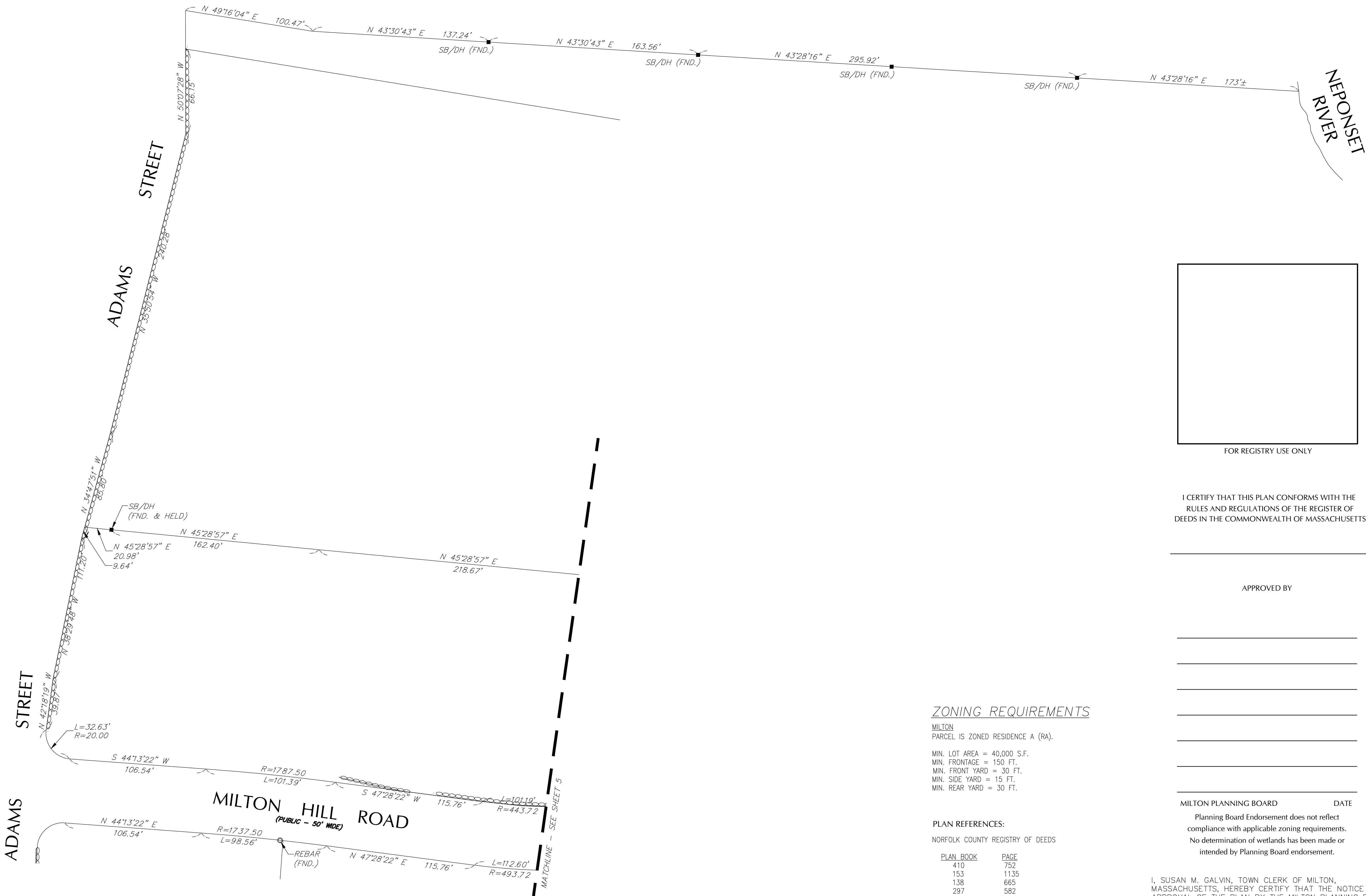
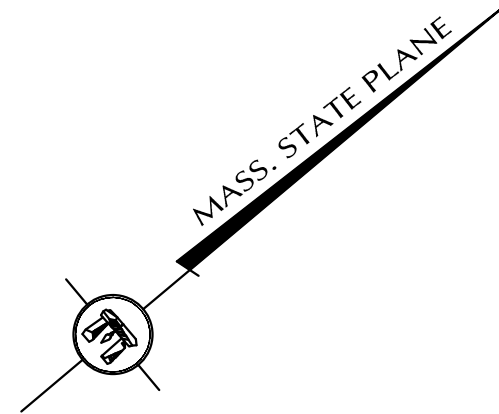
REVISED:

REVISED:

JOB NUMBER: 2022.002

SHEET 3 OF 11





LEGEND:

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

ZONING REQUIREMENTS

MILTON
PARCEL IS ZONED RESIDENCE A (RA).

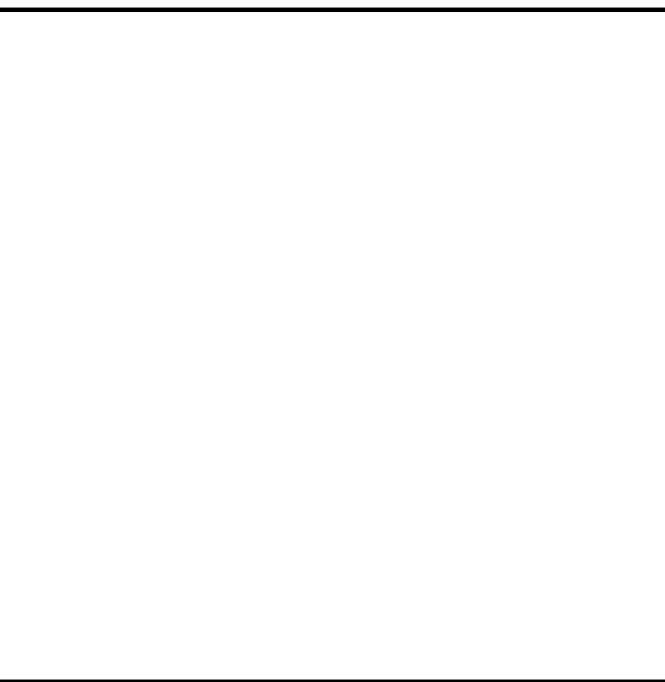
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PLAN REFERENCES:

NORFOLK COUNTY REGISTRY OF DEEDS

PLAN BOOK	PAGE
410	752
153	1135
138	665
297	582
145	232
21	976
140	6
302	311
159	1222
124	177

DEED BOOK	PAGE
2599	43
2946	58
897	489
1047	29
452	123
2542	25
2517	538
2169	54



FOR REGISTRY USE ONLY

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

APPROVED BY

MILTON PLANNING BOARD DATE

Planning Board Endorsement does not reflect
compliance with applicable zoning requirements.
No determination of wetlands has been made or
intended by Planning Board endorsement.

I, SUSAN M. GALVIN, TOWN CLERK OF MILTON,
MASSACHUSETTS, HEREBY CERTIFY THAT THE NOTICE OF
APPROVAL OF THE PLAN BY THE MILTON PLANNING BOARD
HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO
APPEAL WAS RECEIVED DURING THE TWENTY (20) DAYS NEXT
AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

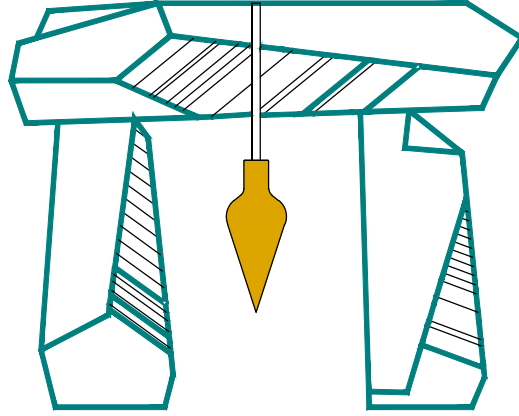
TOWN CLERK'S SIGNATURE

DATE

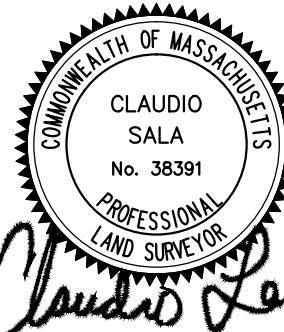
OWNED BY:

JOSEPH P. DIANE & DIANE E. GROGAN
DEED REFERENCE: BOOK 39906 PAGE 540

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CLAUDIO SALA, PLS

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PROPOSED DEFINITIVE SUBDIVISION
34 MILTON HILL ROAD
MILTON, MASS.

PLAN TITLE:

DEFINITIVE SUBDIVISION PLAN
SHEET 1

PREPARED FOR:

JOSHUA D WILD
174 DORCHESTER STREET
BOSTON, MA 02127

DATE: MAY 28, 2022

REVISED: JUNE 9, 2022

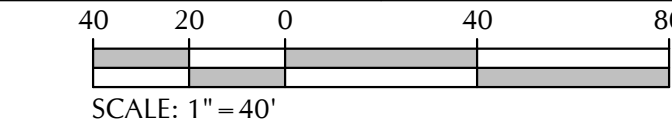
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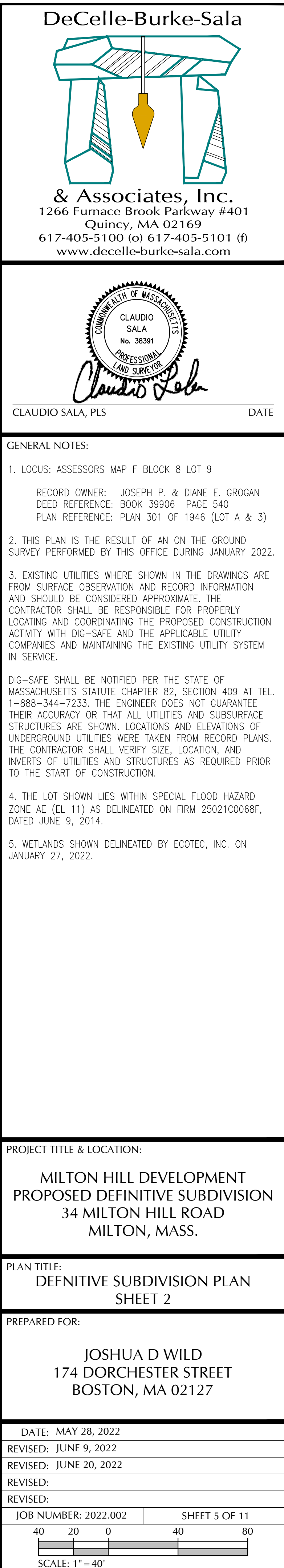
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JOB NUMBER: 2022.002

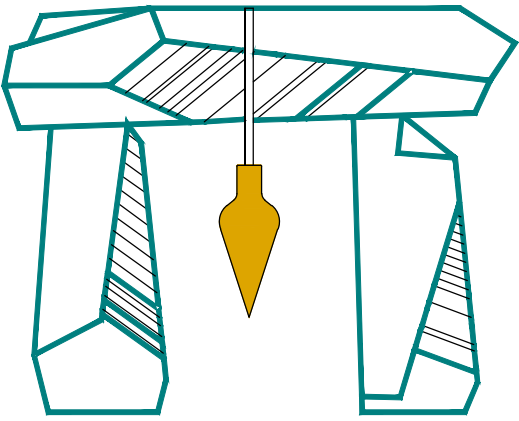
SHEET 4 OF 11



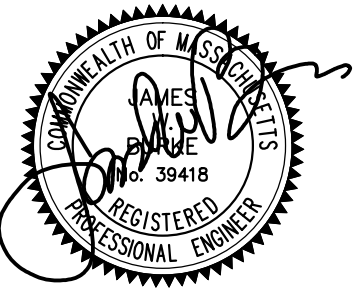


SCALE: 1" = 40'

JOSEPH P. DIANE & DIANE E. GROGAN
DEED REFERENCE: BOOK 39906 PAGE 540



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34 MILTON HILL ROAD
MILTON, MASS.

PLAN TITLE:

SITE LAYOUT PLAN

PREPARED FOR:

JOSHUA D WILD
174 DORCHESTER STREET
BOSTON, MA 02127

DATE: MAY 28, 2022

REVISED: JUNE 9, 2022

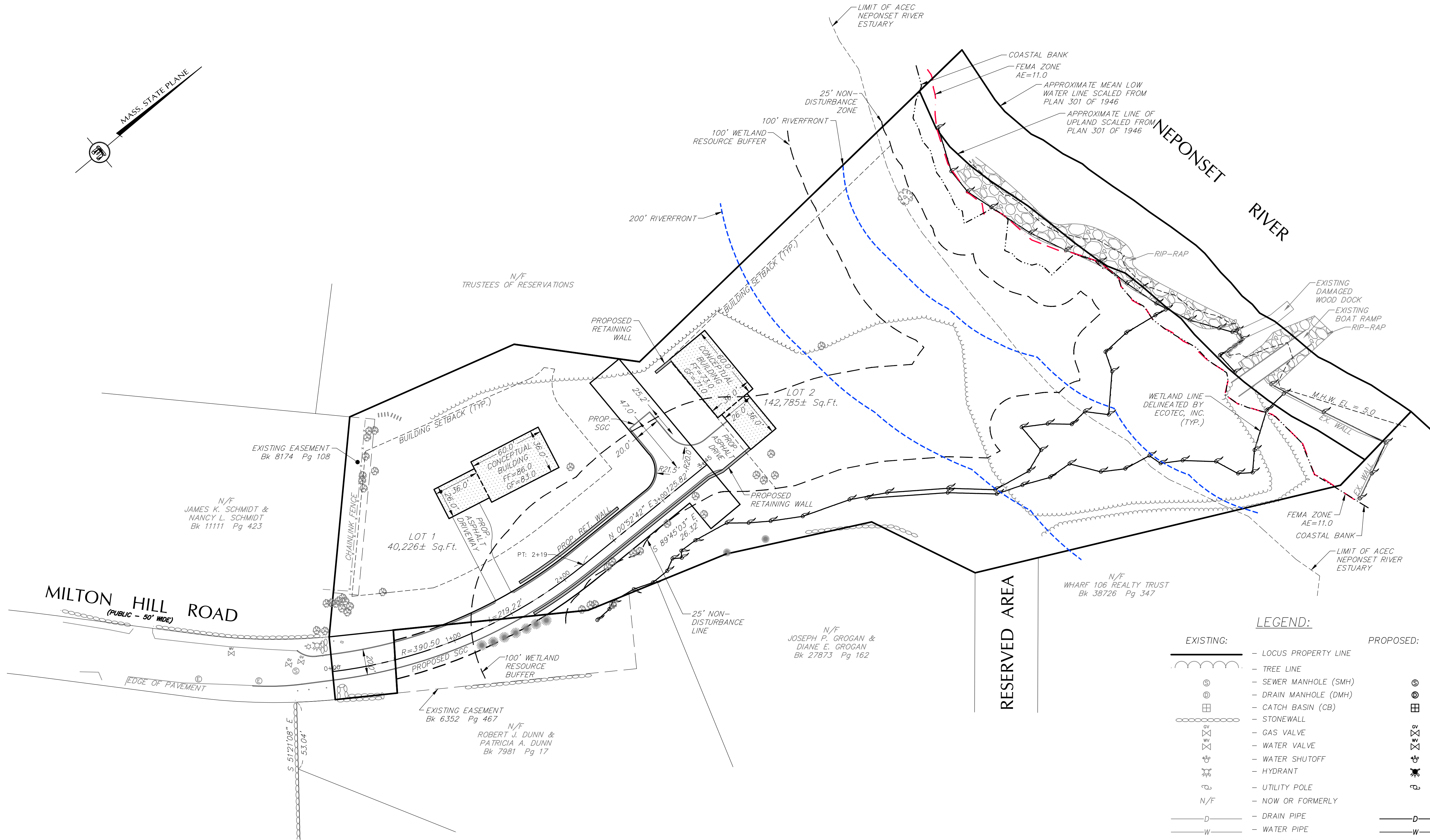
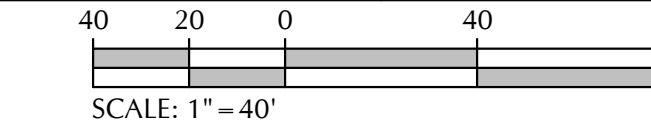
REVISED: JUNE 20, 2022

REVISED:

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JOB NUMBER: 2022.002

SHEET 6 OF 11



LEGEND:

EXISTING:

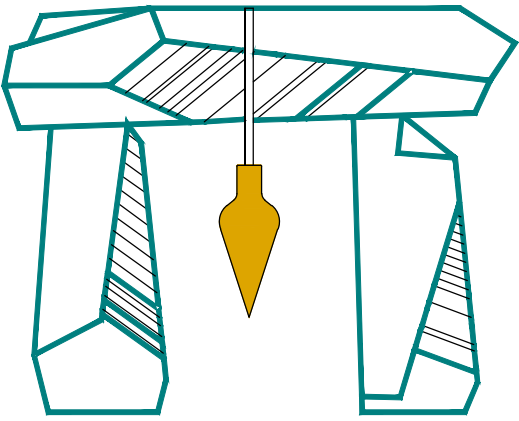
- LOCUS PROPERTY LINE
- TREE LINE
- SEWER MANHOLE (SMH)
- DRAIN MANHOLE (DMH)
- CATCH BASIN (CB)
- STONEWALL
- GAS VALVE
- WATER VALVE
- WATER SHUTOFF
- HYDRANT
- UTILITY POLE
- NOW OR FORMERLY
- DRAIN PIPE
- WATER PIPE
- GAS PIPE
- UNDERGROUND ELECTRIC
- OVERHEAD WIRES
- SEWER PIPE
- LANDSCAPED AREA
- 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
- EROSION CONTROL

PROPOSED:

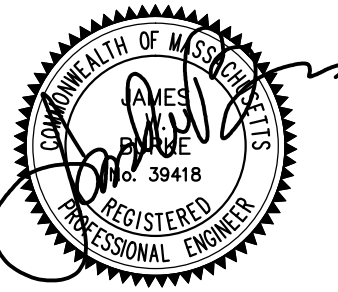
- PROPOSED LOT LINE
- PROPOSED TREE LINE
- PROPOSED SEWER MANHOLE (SMH)
- PROPOSED DRAIN MANHOLE (DMH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED STONEWALL
- PROPOSED GAS VALVE
- PROPOSED WATER VALVE
- PROPOSED WATER SHUTOFF
- PROPOSED HYDRANT
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- PROPOSED GARAGE FLOOR
- PROPOSED EROSION CONTROL

POINT COORDINATES FOR ROAD CENTERLINE USING HORIZONTAL DATUM NAD-83
(DATUM CORRELATES WITH MASSGIS AND TOWN OF MILTON HORIZONTAL DATUMS)

STATION	NORTH COORDINATE	EAST COORDINATE
0+00	2921812.8617	774715.3251
2+19	2922019.8036	774778.4383
3+45	2922145.6109	774780.3670



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PROPOSED DEFINITIVE SUBDIVISION
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MILTON, MASS.

PLAN TITLE:

UTILITY PLAN

PREPARED FOR:

JOSHUA D WILD
174 DORCHESTER STREET
BOSTON, MA 02127

DATE: MAY 28, 2022

REVISED: JUNE 9, 2022

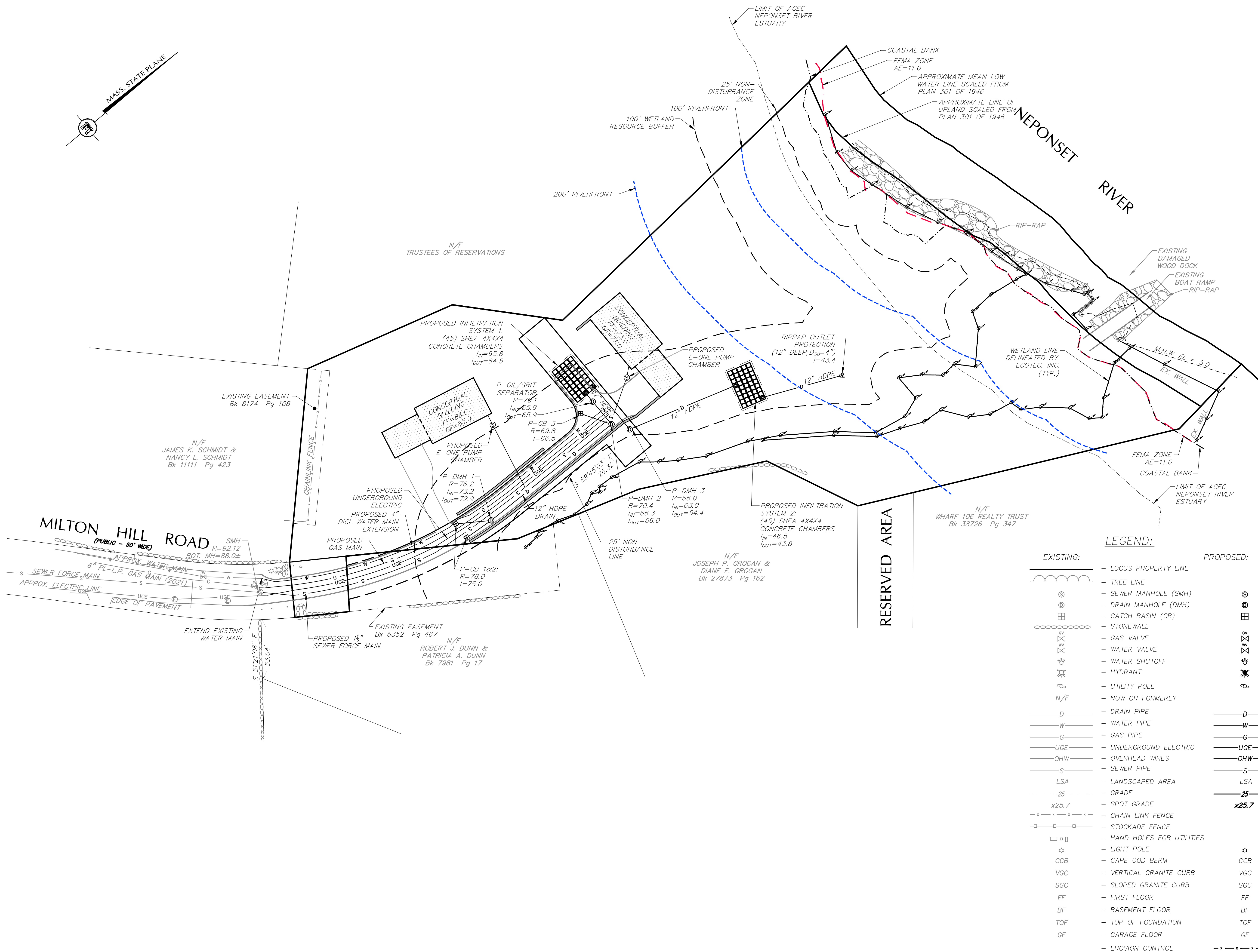
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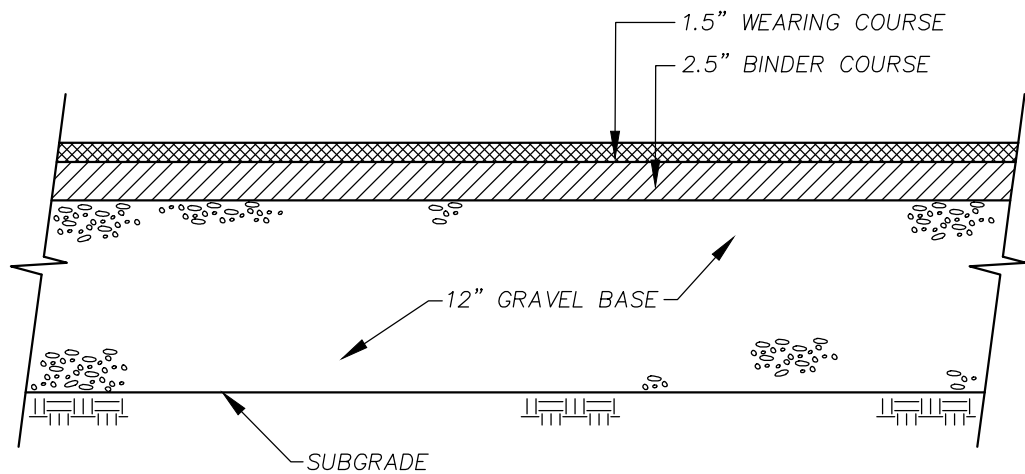
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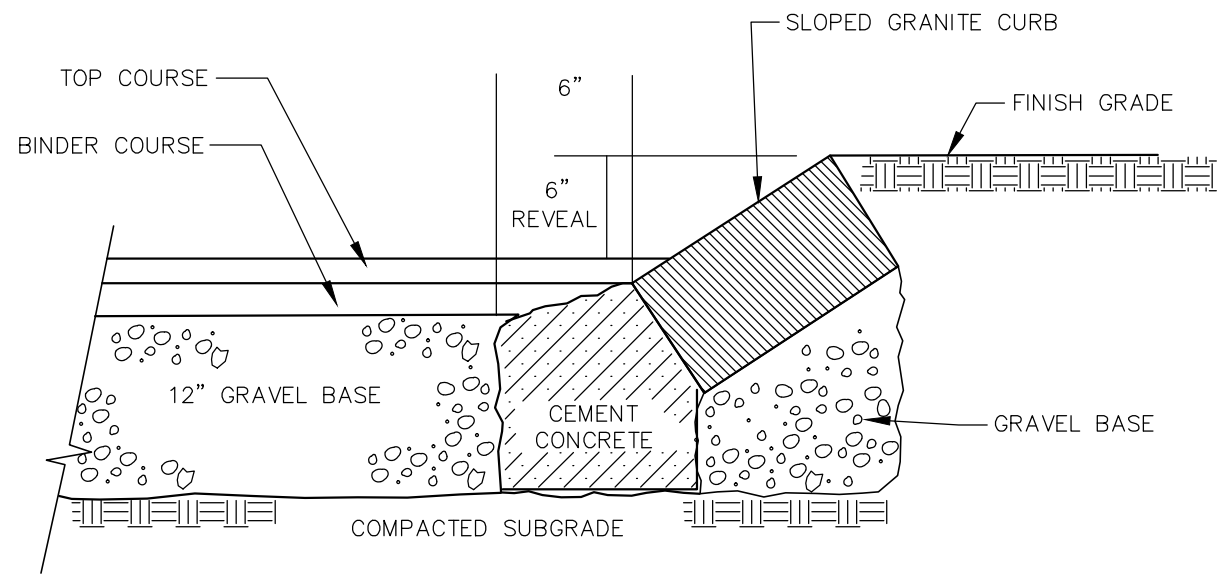
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SHEET 8 OF 11

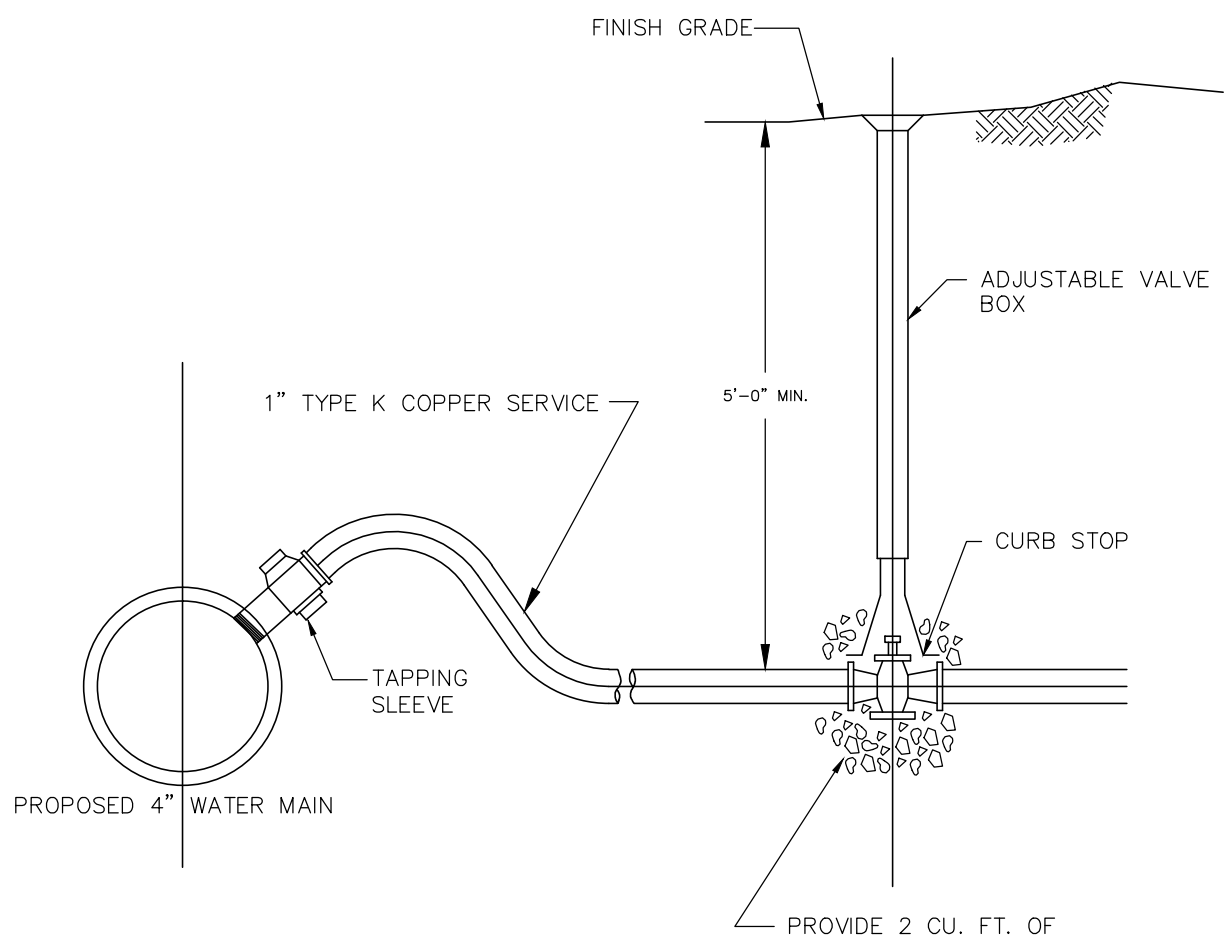




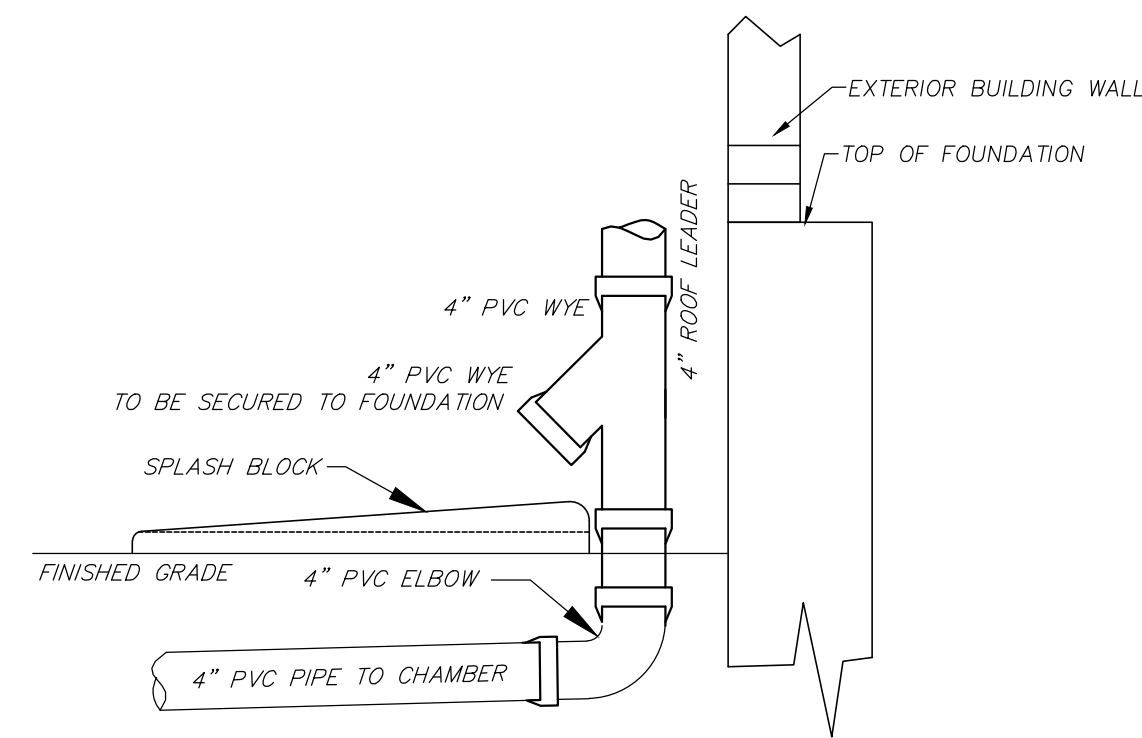
PAVEMENT SECTION
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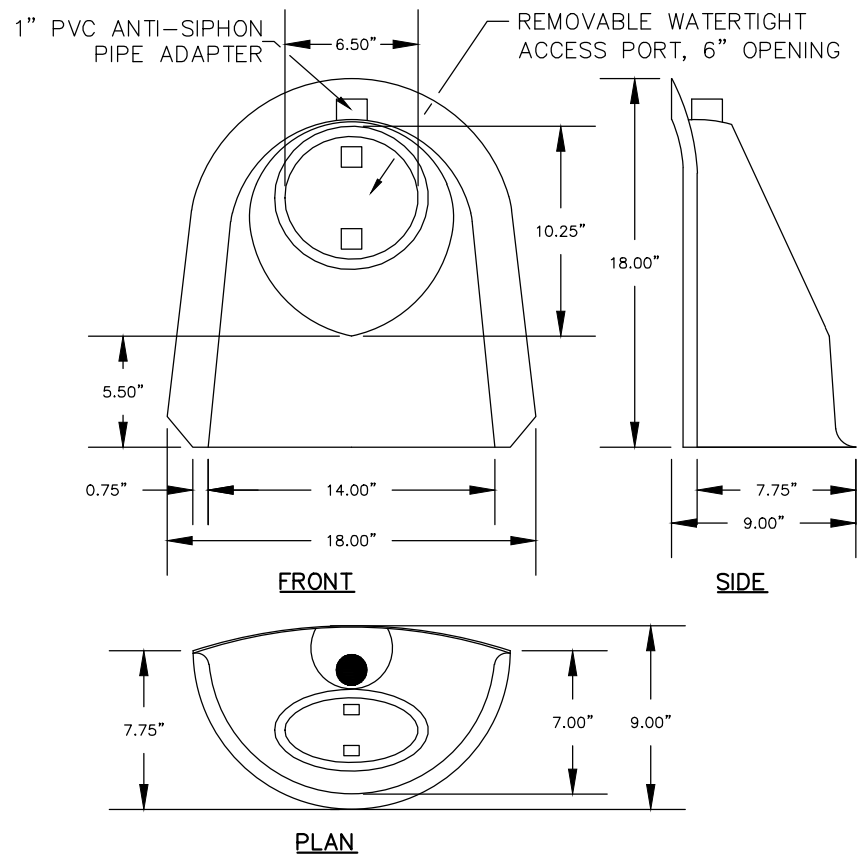
SLOPED GRANITE CURB
NOT TO SCALE



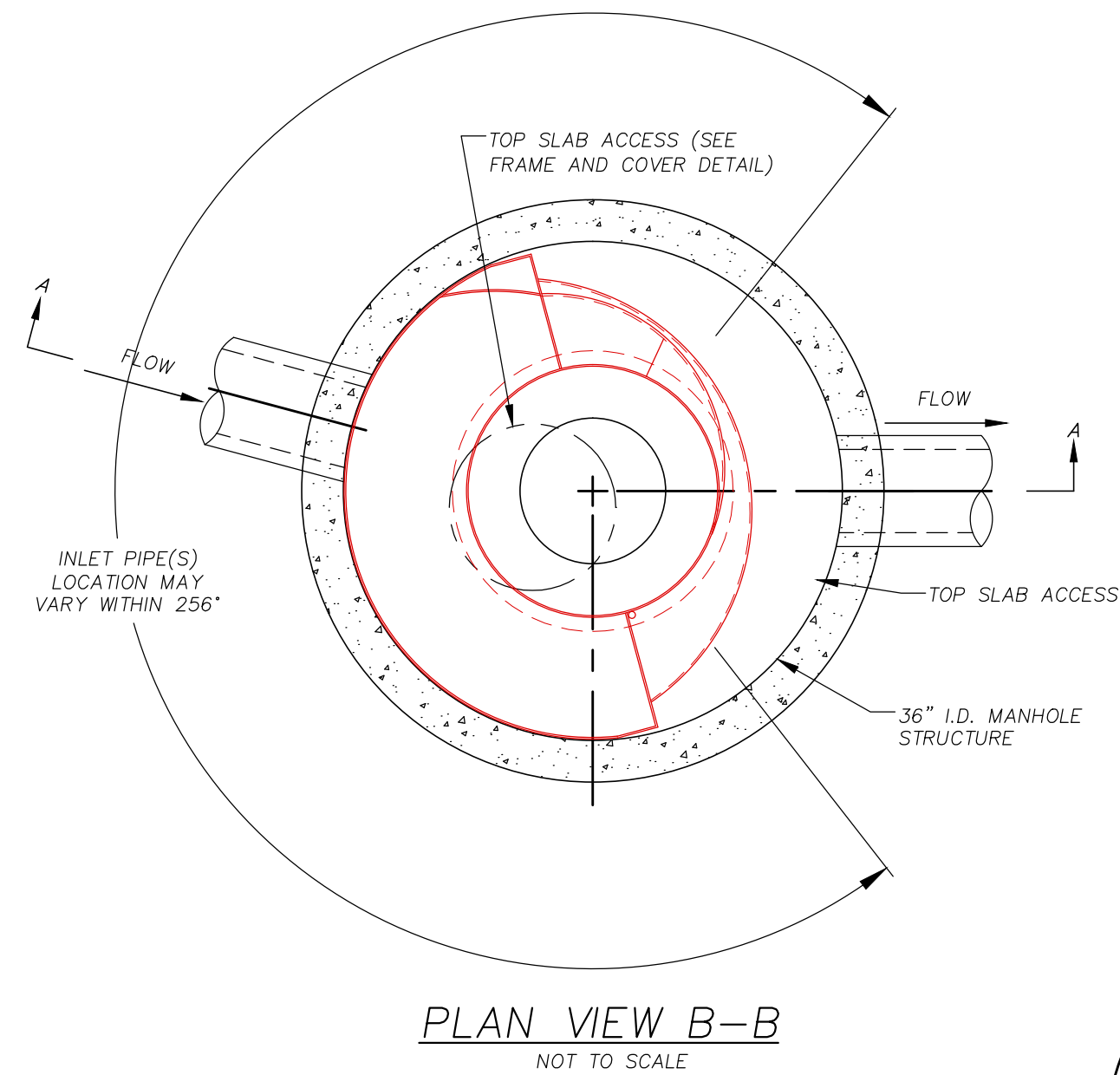
WATER SERVICE CONNECTION DETAIL
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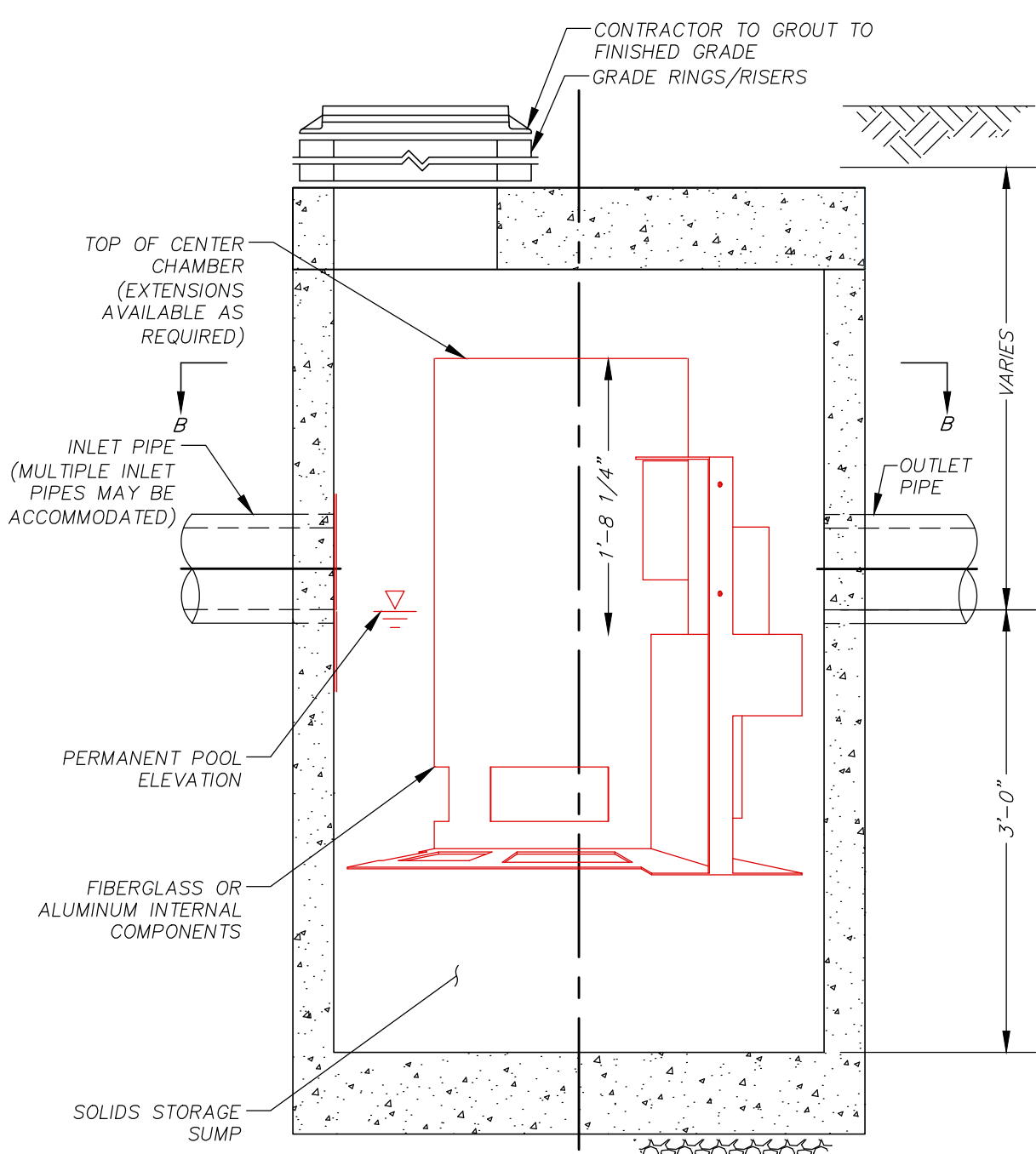
TYPICAL ROOF DRAIN W/ OVERFLOW
NOT TO SCALE



12R SNOUT OUTLET HOOD
NOT TO SCALE



PLAN VIEW B-B
NOT TO SCALE



ELEVATION A-A
NOT TO SCALE

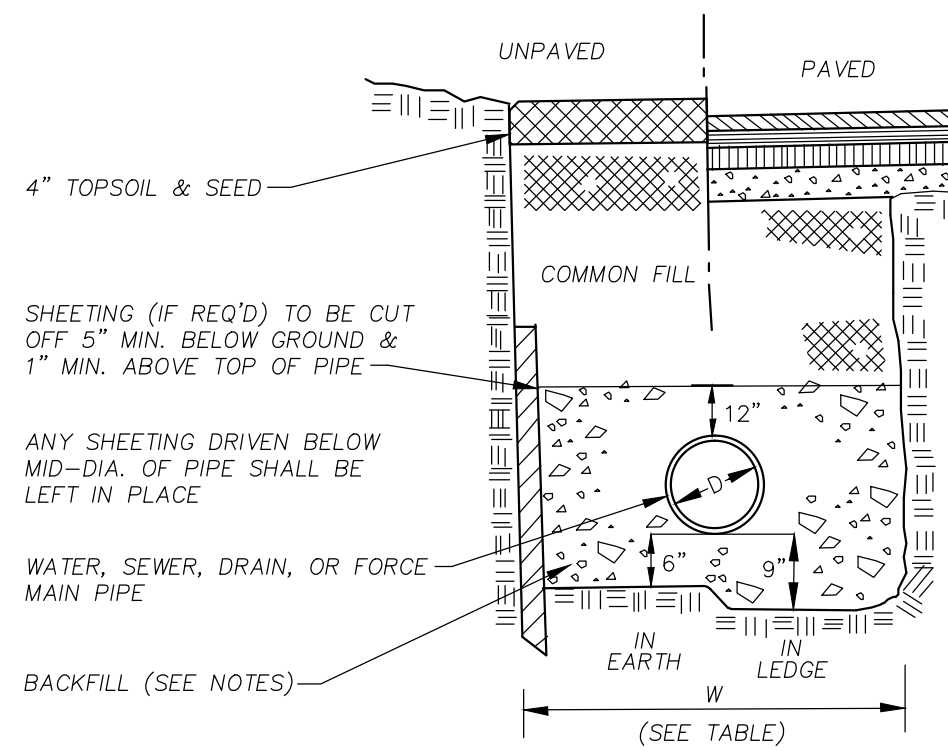
CONTECH CS-3 CASCADE SEPARATOR
NOT TO SCALE

- 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.



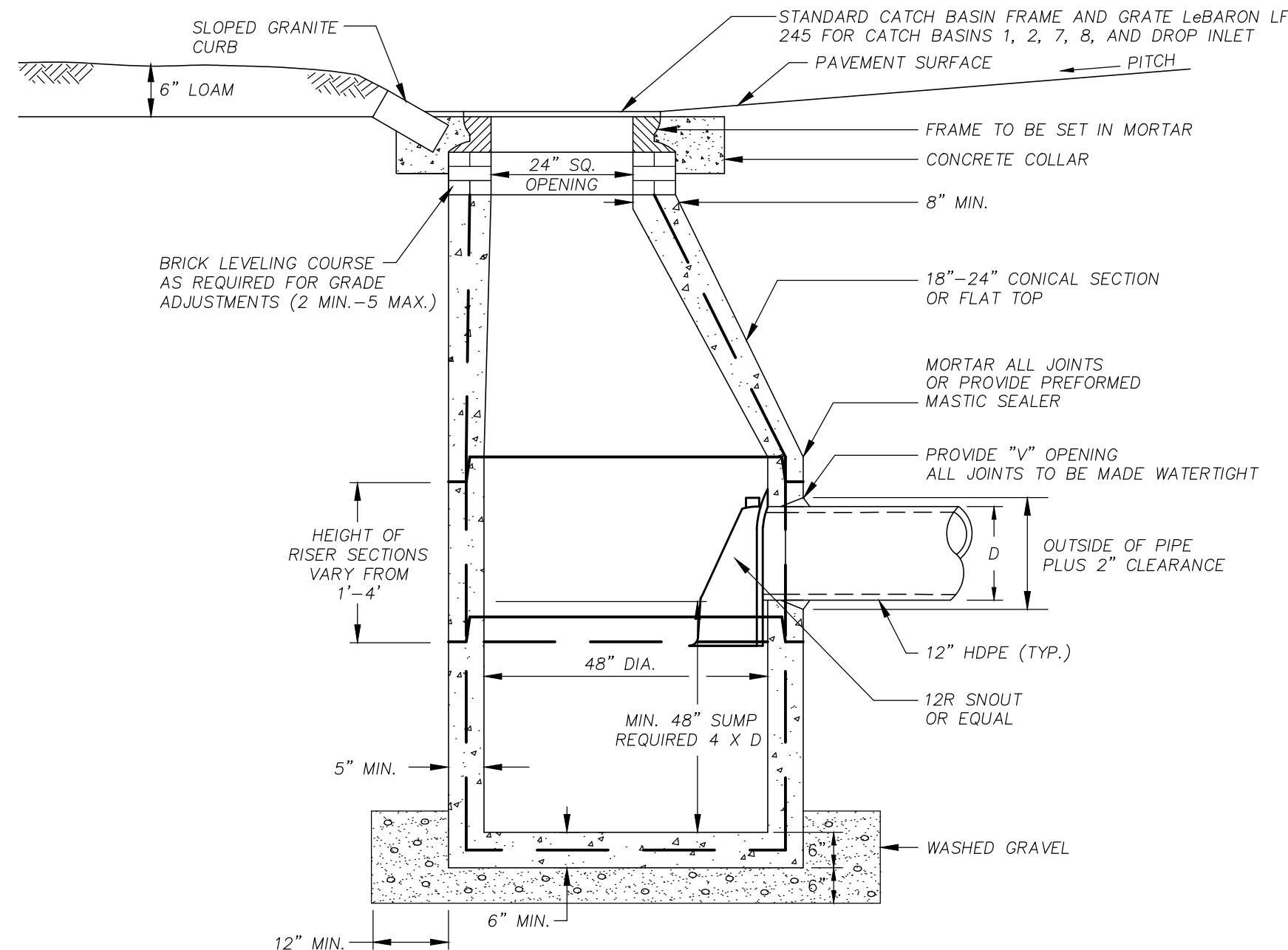
THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,786,846; 5,847,722; 6,511,006; 6,981,781; RELATED FOREIGN PATENTS, OR OTHER PATENTS PENDING.



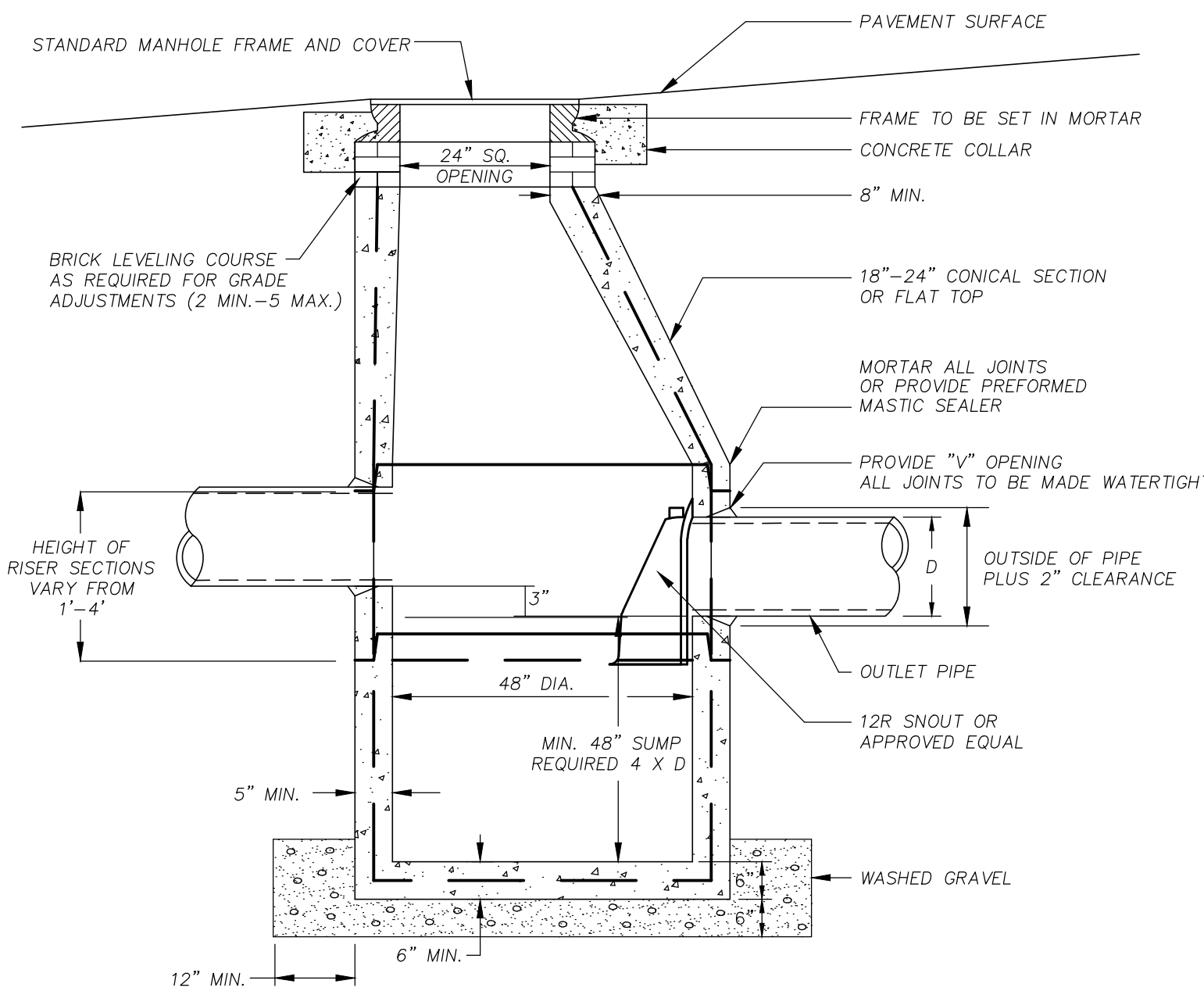
TRENCH WIDTH		
D DIAMETER OF PIPE	W UNSHEETED	W SHEETED
1" TO 12"	3'	4'
14" TO 24"	4'	5'
30" TO 36"	5'	6'

- NOTES:**
- ALL TRENCH CONSTRUCTION TO CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
 - COMPACT FILL AND TAMP PIPE TO 93% MAX. DENSITY UNLESS OTHERWISE SPECIFIED.

TYPICAL TRENCH SECTIONS
NOT TO SCALE

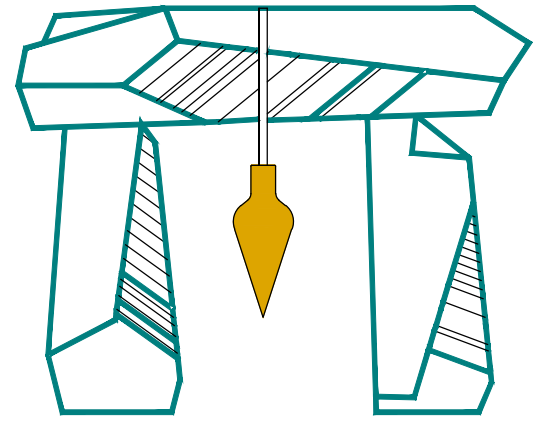


PRECAST CONCRETE CATCH BASIN
NOT TO SCALE



DEEP SUMP DRAIN MANHOLE
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:

- LOCUS: ASSESSORS MAP F BLOCK 8 LOT 9

RECORD OWNER: JOSEPH P. & DIANE E. GROGAN
DEED REFERENCE: BOOK 39906 PAGE 540
PLAN REFERENCE: PLAN 301 OF 1946 (LOT A & 3)
- THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE DURING JANUARY 2022.
- 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.
- THE LOT SHOWN LIES WITHIN SPECIAL FLOOD HAZARD ZONE AE (EL 11) AS DELINEATED ON FIRM 25021C0068F, DATED JUNE 9, 2014.
- WETLANDS SHOWN DELINEATED BY ECOTEC, INC. ON JANUARY 27, 2022.
- PARCEL IS ZONED RESIDENCE A.

MIN. LOT AREA = 40,000 S.F.
MIN. FRONTAGE = 150 FT.
MIN. FRONT YARD = 30 FT.
MIN. SIDE YARD = 15 FT.
MIN. REAR YARD = 30 FT.

PROJECT TITLE & LOCATION:

MILTON HILL DEVELOPMENT
PROPOSED DEFINITIVE SUBDIVISION
34 MILTON HILL ROAD
MILTON, MASS.

PLAN TITLE:

CONSTRUCTION DETAILS

PREPARED FOR:

JOSHUA D WILD
174 DORCHESTER STREET
BOSTON, MA 02127

DATE: MAY 28, 2022

REVISED: JUNE 9, 2022

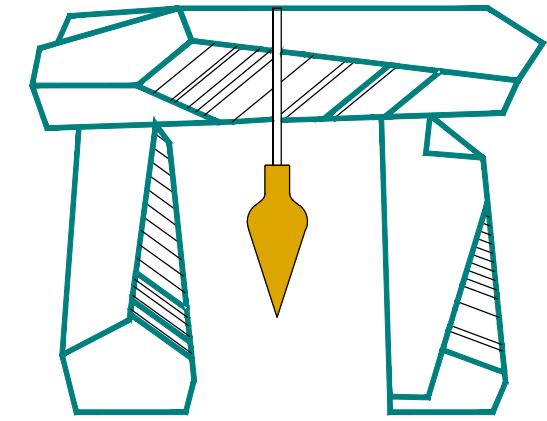
REVISED: JUNE 20, 2022

REVISED:

REVISED:

JOB NUMBER: 2022.002

SHEET 10 OF 11



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Quincy, MA 02169
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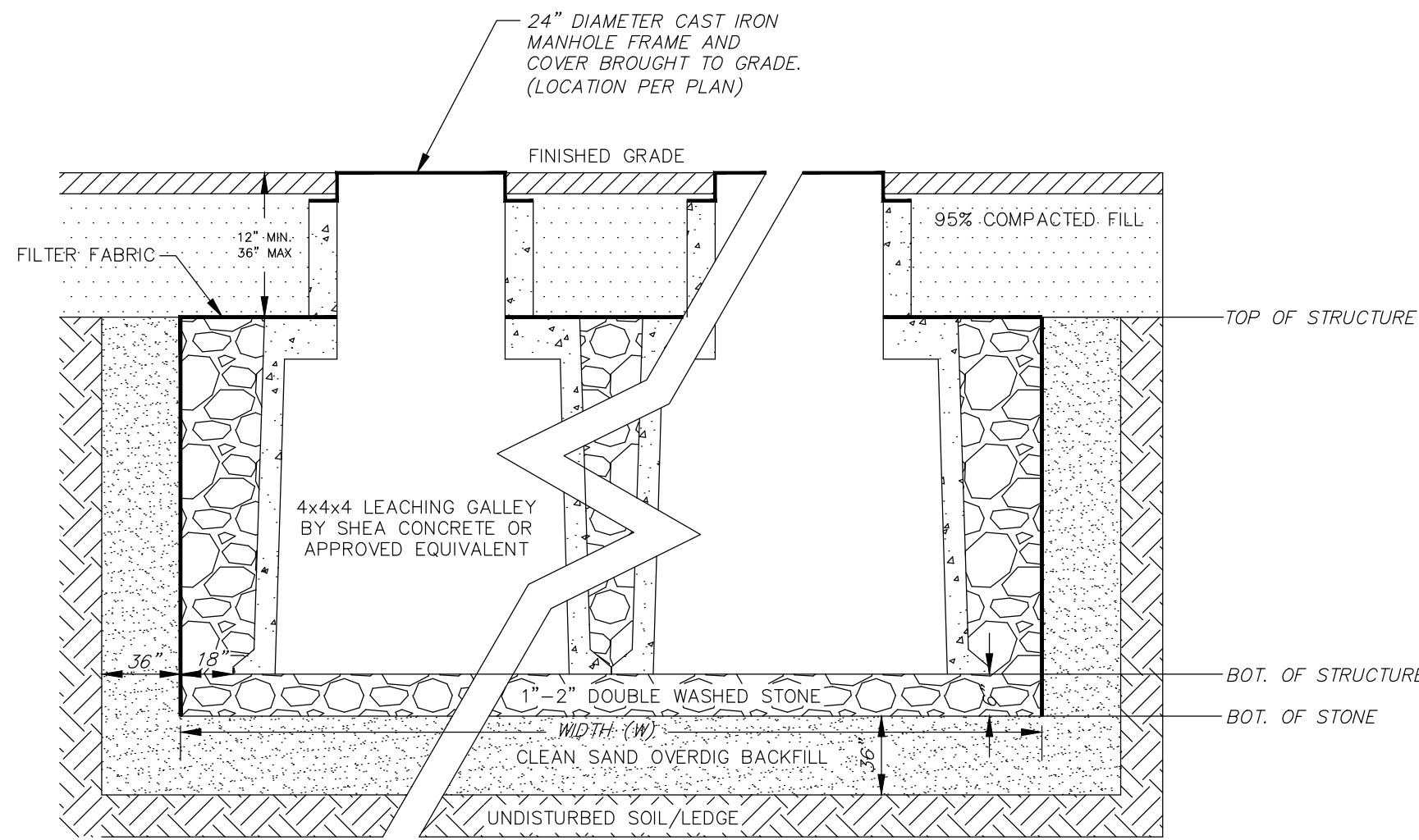
REVISED: JUNE 20, 2022

REVISED:

REVISED:

JOB NUMBER: 2022.002

SHEET 11 OF 11



INFILTRATION NOTES:

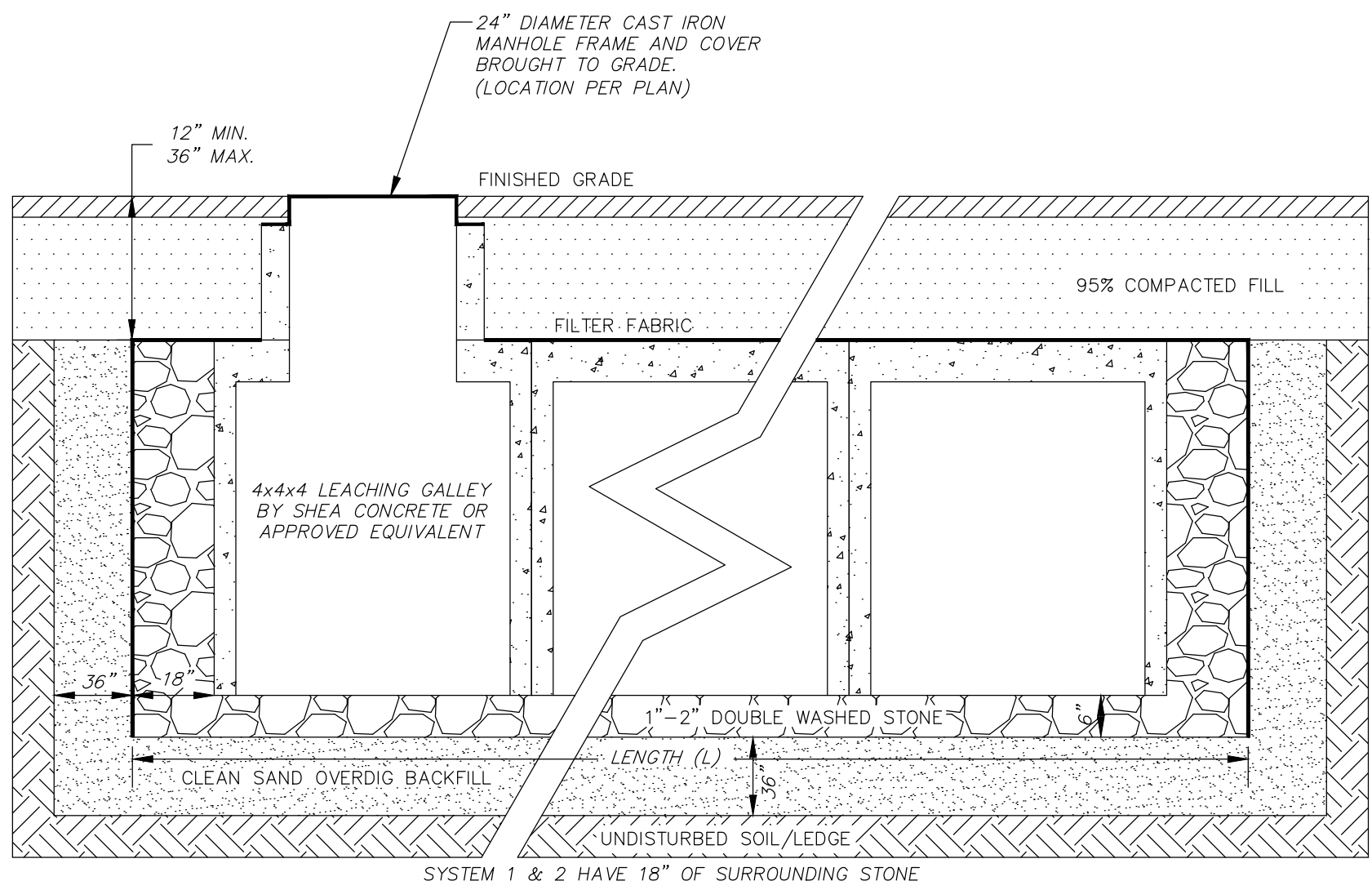
- ALL LEDGE AND DELETERIOUS MATERIAL TO BE REMOVED WITHIN A MINIMUM OF 36 INCHES OF THE LIMIT OF STONE FOR THE INFILTRATION SYSTEMS. 36" MINIMUM BETWEEN LEDGE AND DELETERIOUS MATERIAL SHALL BE BACKFILLED WITH CLEAN SAND.
- STRUCTURES TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER FOR AN INSPECTION OF THE EXCAVATION FOR THE INFILTRATION SYSTEMS PRIOR TO INSTALLATION.
- STONE SURROUNDING INFILTRATION STRUCTURES TO BE 1 TO 2 INCH DOUBLE WASHED STONE.

INFILTRATION SYSTEM 1 & 2 SECTION

NOT TO SCALE

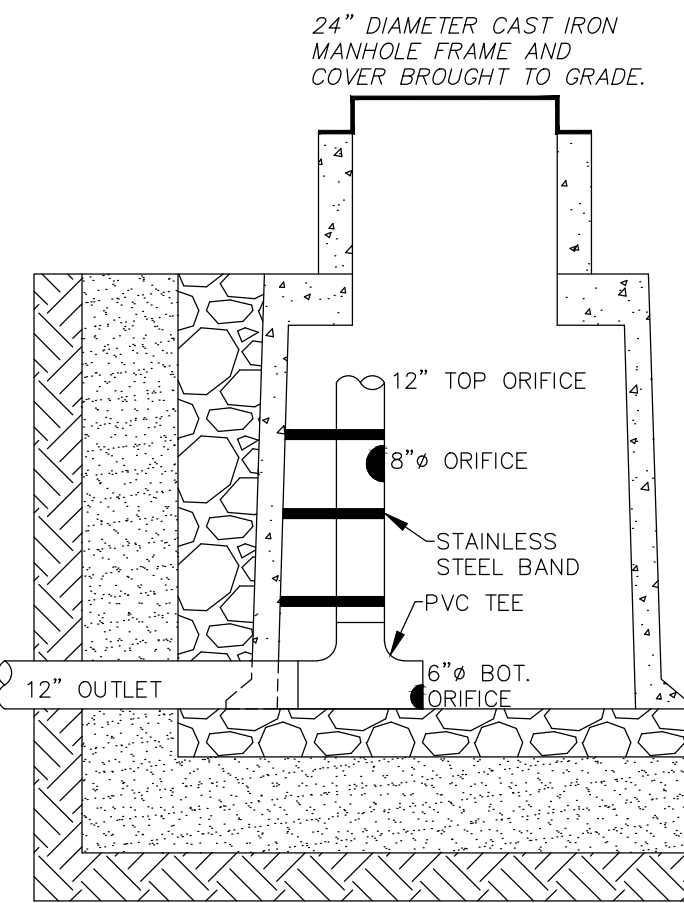
	SYSTEM 1	SYSTEM 2
# OF GALLIES	45	45
WIDTH OF FIELD (W) (FT.)	25.50'	25.50'
LENGTH OF FIELD (L) (FT.)	39.00'	39.00'
TOP OF STRUCTURE (ELEVATION)	68.70	48.00
INVERT OF 12" IN (ELEVATION)	65.80	46.50
INVERT OF 12" OUT (ELEVATION)	64.50	43.80
BOTTOM OF STRUCTURE (ELEVATION)	64.45	43.75
BOTTOM OF STONE (ELEVATION)	63.95	43.75

INFILTRATION SYSTEM 1 & 2 DIMENSION SCHEDULE



INFILTRATION SYSTEM 1 & 2 PROFILE

NOT TO SCALE

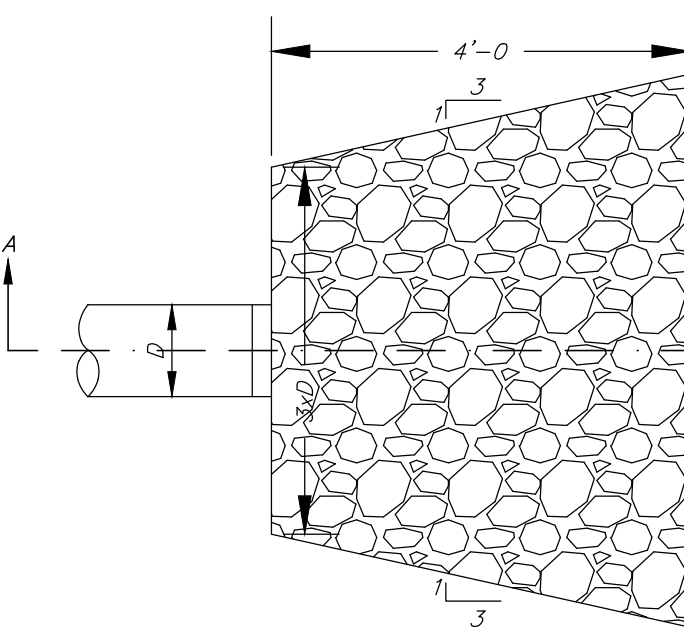


INFILTRATION SYSTEM 1 & 2 OUTLET DETAIL

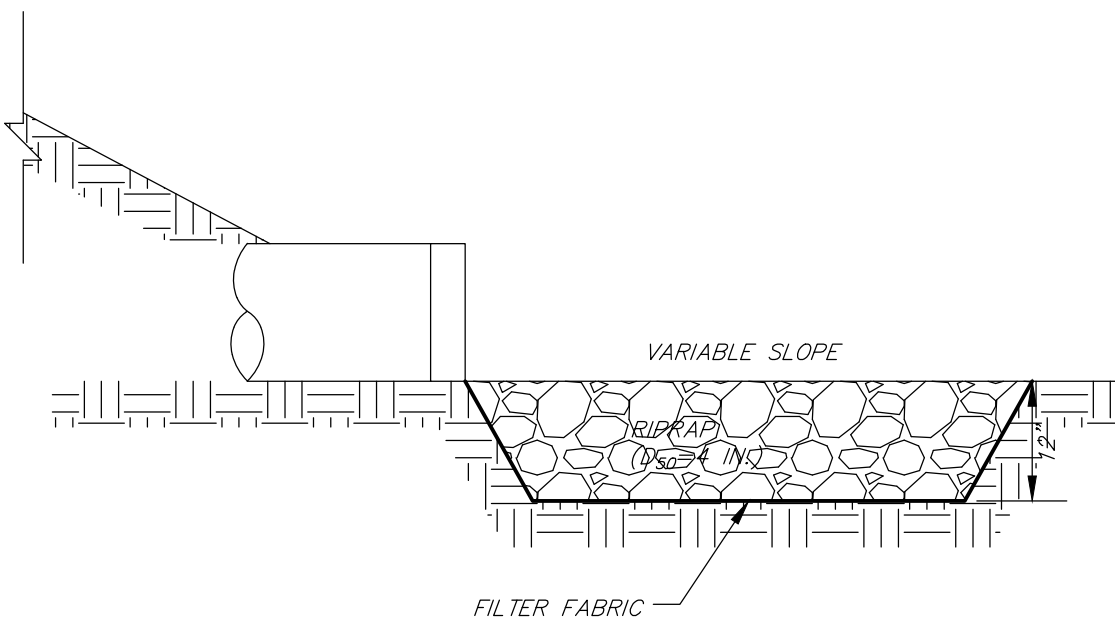
NOT TO SCALE

	SYSTEM 1	SYSTEM 2
12" (SYS. 1) 12" (SYS. 2) INVERT OUT	64.50	43.80
6" DIA. BOT. ORIFICE	64.50	43.80
8" DIA. ORIFICE	66.65	45.75
12" (SYS. 1) 12" (SYS. 2) TOP ORIFICE	67.70	47.00

INFILTRATION SYSTEM 1 & 2 OUTLET SCHEDULE



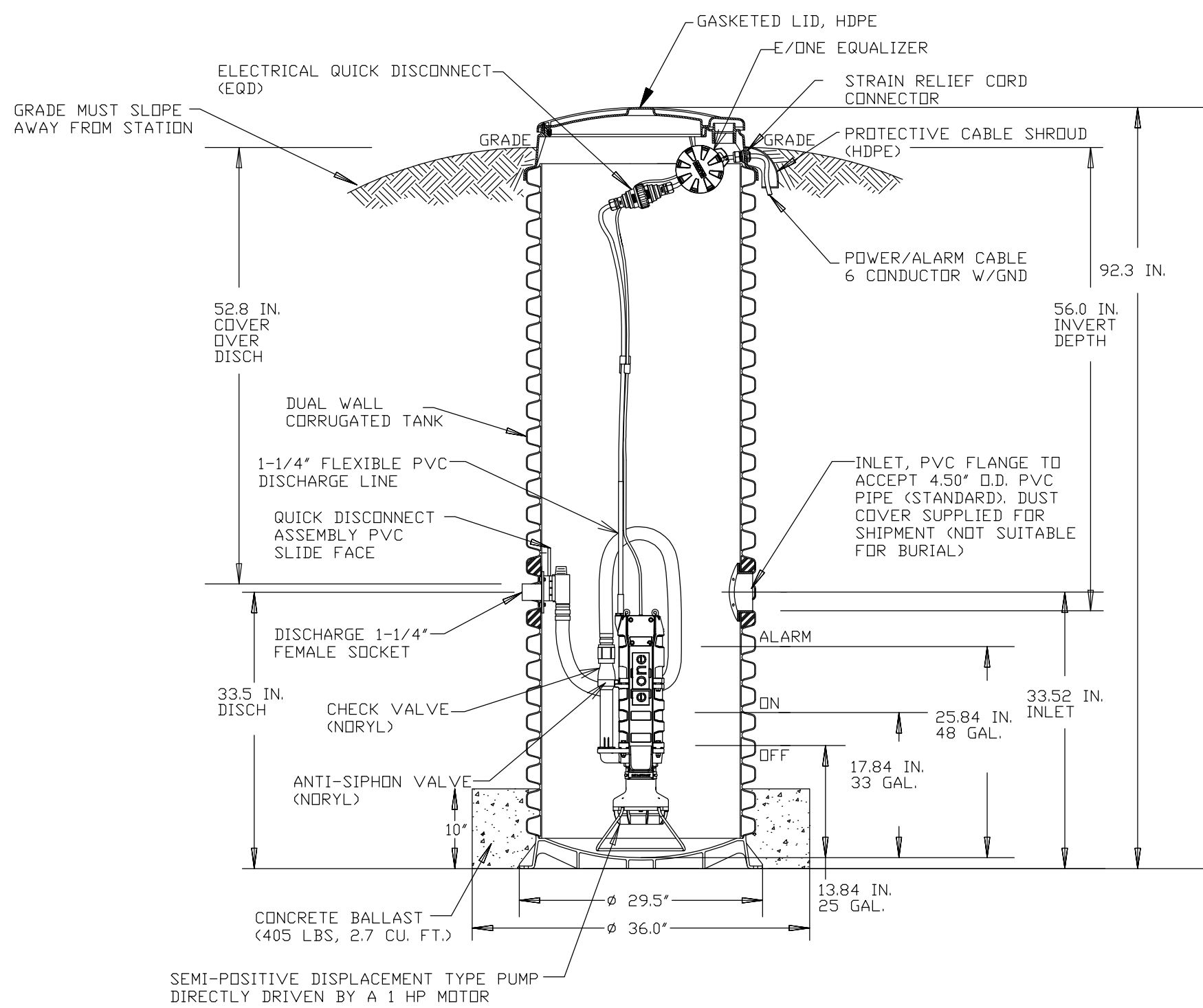
PLAN VIEW



SECTION A-A

RIP-RAP AT OUTLET

NOT TO SCALE



E-EJECTOR PUMP MODEL WH101-92

NOT TO SCALE