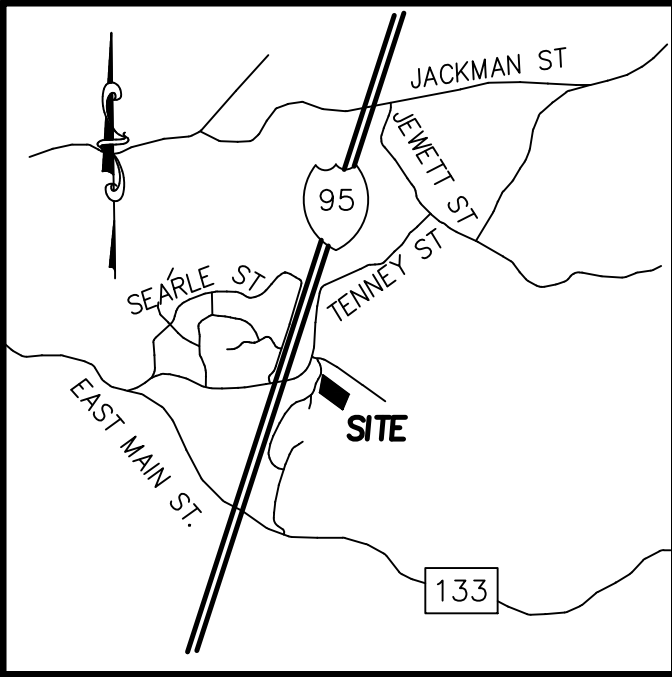




LOCUS MAP
N.T.S.

PROJECT LOCATION

2 NORINO WAY - GEORGETOWN
MAP 15, LOT 0-50H

OWNER OF RECORD

NO-RAL PROPERTIES, LLC
6 NORINO WAY
GEORGETOWN, MA 01833
BK. 26106 PG. 0180

BASIS OF BEARINGS

PLAN BK. 322 PLAN 61

PLAN REFERENCES

PLAN BK. 213 PLAN 6
PLAN BK. 299 PLAN 52
PLAN BK. 322 PLAN 61
PLAN BK. 373 PLAN 73
PLAN BK. 368 PLAN 72
PLAN BK. 374 PLAN 100
PLAN BK. 442 PLAN 62

VERTICAL DATUM

N.A.V.D. 1988

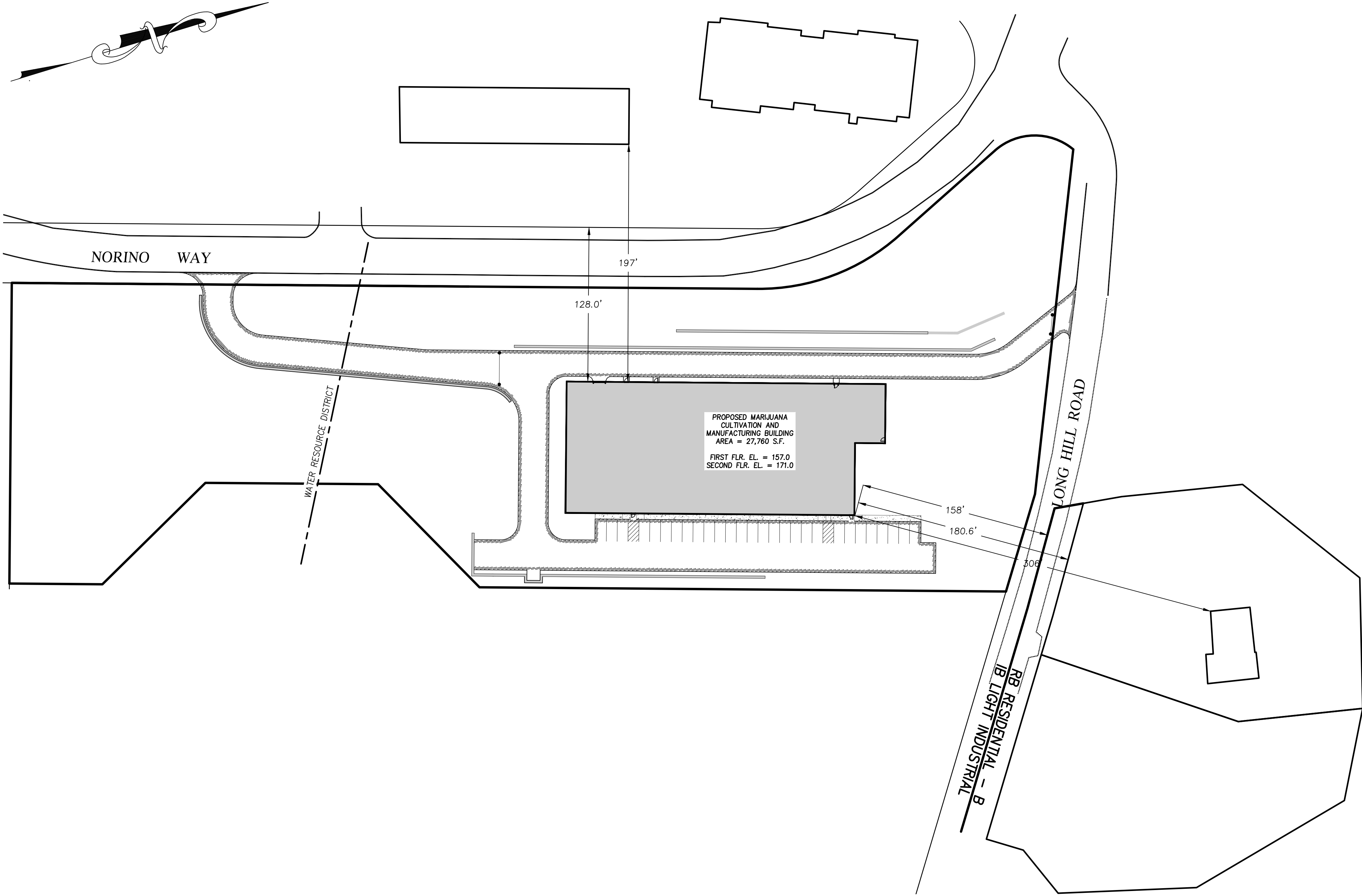
PLAN INDEX

SHEET NO.	TITLE
1	COVER SHEET
2	EXISTING CONDITIONS
3-5	SITE PLAN
6-8	GRADING PLAN
9-11	UTILITIES PLAN
12	EROSION CONTROL PLAN
13-17	CONSTRUCTION DETAILS
E-1	LIGHTING PLAN
L-1	LANDSCAPE PLAN

WAIVERS

- 1) NO MARIJUANA BUSINESS SHALL BE LOCATED WITHIN 300 LINEAR FEET OF A PROPERTY LINE WITHIN THE DISTRICTS LISTED IN SECTION 165-161 H. IN THE TOWN OF GEORGETOWN ZONING BY LAW.

SITE PLAN FOR 2 NORINO WAY IN GEORGETOWN, MA MAY 2021



GEORGETOWN PLANNING BOARD APPROVAL

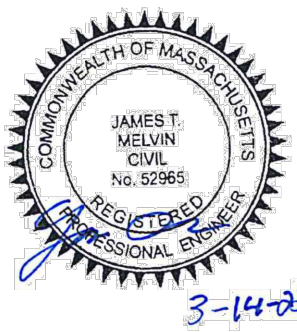
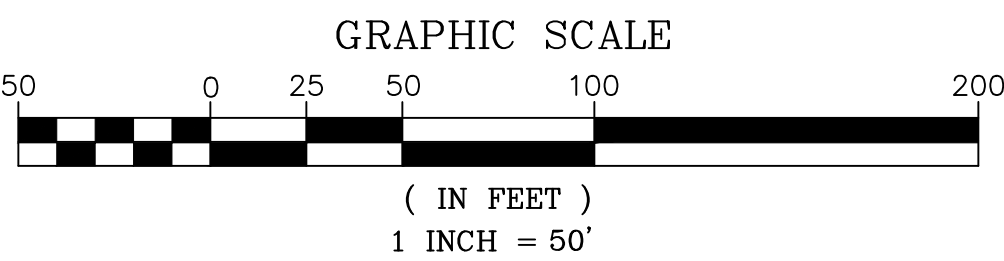
DATE

ZONING TABLE

2 NORINO WAY - ASSESSORS MAP 15 LOT 50H ZONING DISTRICT INDUSTRIAL IB LIGHT INDUSTRIAL DISTRICT & MARIJUANA BUSINESS OVERLAY DISTRICT**			
	REQUIRED	EXISTING	PROPOSED
LOT AREA:	80,000 S.F.	4.81 AC.	4.81 AC.
LOT FRONTAGE:	200 FT.	1,299.02 FT.	1,299.02 FT.
DEPTH:	200 FT.	-	-
FRONT SETBACK:	50 FT.*	-	78.5'
SIDE SETBACK:	50 FT.*	-	>461'
REAR SETBACK:	50 FT.*	-	62.5'
LOT COVERAGE:	60% MAX.	-	28.9%
BUILDING COVERAGE:	30% MAX.	-	13.1%
LANDSCAPED OPEN SPACE:	40% MIN.	-	42.3%
BLDG HEIGHT:	2 STORIES/40FT.	-	<40'

* WHEN MARIJUANA BUSHINESS ABUTS RESIDENTIAL DISTRICT, SETBACKS TO BE INCREASED TO 50'

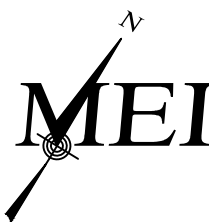
** MARIJUANA BUSINESS MUST BE GREATER THAN 300' FROM A RESIDENTIAL DISTRICT



PREPARED FOR

HUMBOLDTEAST, LLC
395B IPSWICH ROAD
BOXFORD, MA 01921

NO.	DATE	DESCRIPTION	BY
3	3/14/22	RESPONSE TO PEER REVIEW	J.T.M.
2	1/11/22	RESPONSE TO PEER REVIEW	J.T.M.
1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.



MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

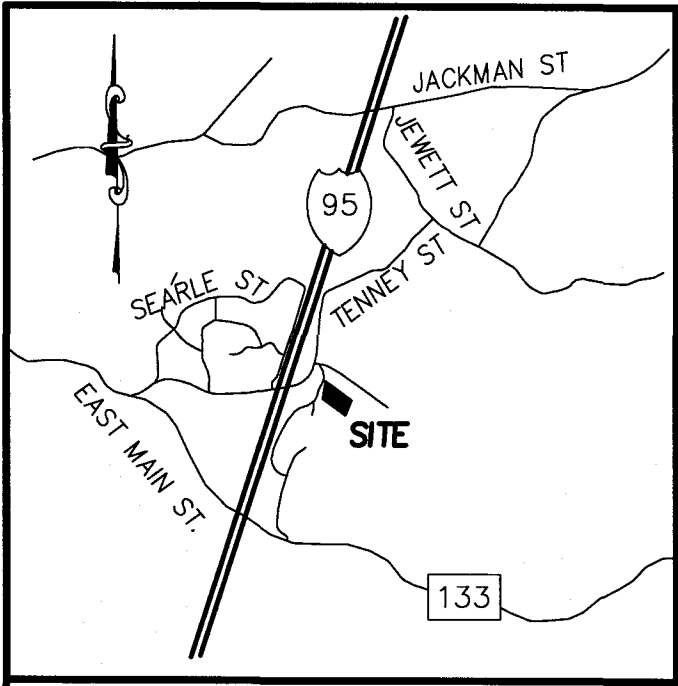
SCALE: 1"=50'	DESIG. BY: J.T.M.	PROJECT: M193651
DATE: MAY 24, 2021	CHKD. BY: E.W.B.	

**SITE PLAN
IN
GEORGETOWN, MA**

PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

**COVER
SHEET**

SHEET: 1 OF 17



LOCUS MAP
N.T.S.

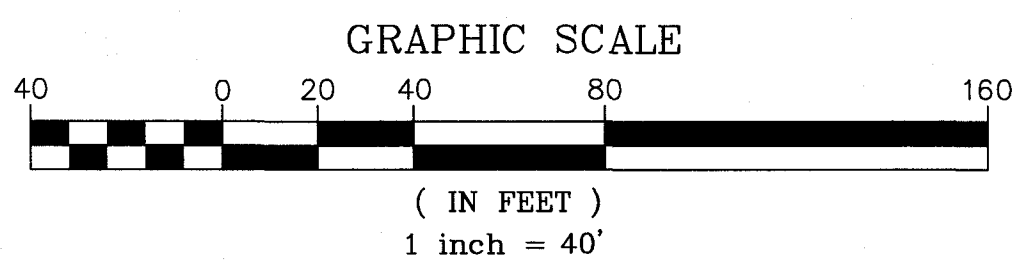
ACCESS ROAD

D.H.S.B. FND.
(HELD)

N/F
NO-RAL PROPERTIES, LLC
BK. 26106 PG. 180

LEGEND

- S.B. STONE BOUND
- D.H. DRILL HOLE
- MAG. MAGNETIC NAIL
- I.P. IRON PIPE
- I ROD IRON ROD
- FND. FOUND
- N/F NOW OR FORMERLY
- SIGN SIGN
- GUY GUY
- 160 EXISTING ELEVATION CONTOUR
- UP UTILITY POLE
- OHW OVERHEAD WIRES
- CB CATCH BASIN
- DMH DRAIN MANHOLE
- HYDRANT HYDRANT
- WATER VALVE WATER VALVE
- ASSESSORS MAP# ASSESSORS MAP#
- PARCEL# PARCEL#
- WF WETLAND FLAG; DESIGNATION



PREPARED FOR
HUMBOLDT EAST, LLC
395 IPSWICH ROAD
BOXFORD, MA 01921

NO.	DATE	DESCRIPTION	BY
2	1/11/22	RESPONSE TO PEER REVIEW	J.T.M.
1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.

MEI **MILLENNIUM ENGINEERING, INC.**
ENGINEERING AND LAND SURVEYING
62 ELM. ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=40'
DATE: MAY. 24, 2021

CALC. BY: D.R.B.
CHKD. BY: J.S.H.

PROJECT: M193651

PLAN OF LAND
IN
GEORGETOWN, MA
SHOWING
EXISTING CONDITIONS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

EXISTING CONDITIONS
SHEET: 2 OF 17

BASIS OF BEARINGS

PLAN BK. 322 PLAN 61

OWNER OF RECORD

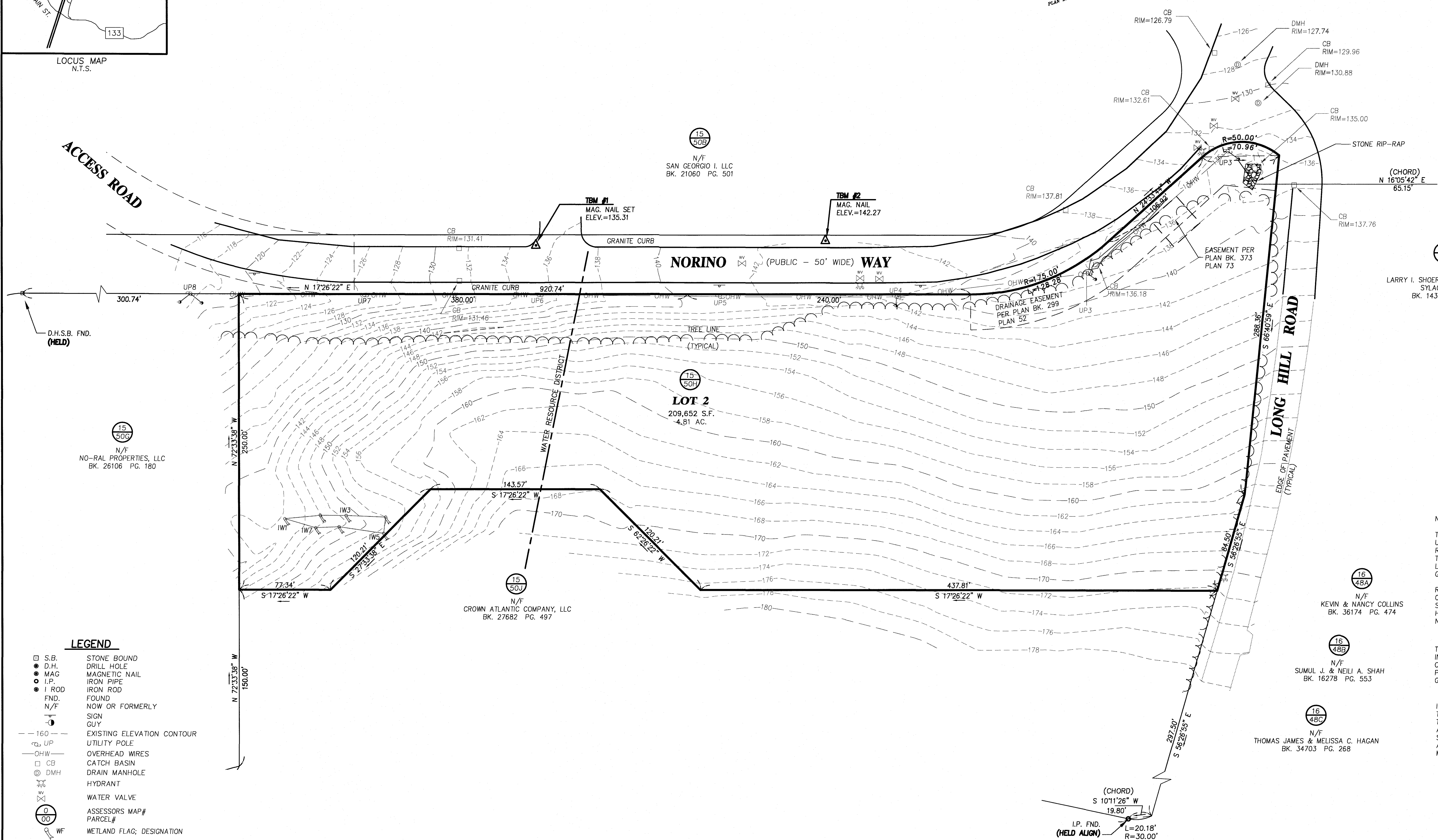
NO-RAL PROPERTIES, LLC
6 NORINO WAY
GEORGETOWN, MA 01833
BK. 26106 PG. 0180

PLAN REFERENCES

PLAN BK. 213 PLAN 6
PLAN BK. 299 PLAN 52
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PLAN BK. 373 PLAN 73
PLAN BK. 368 PLAN 72
PLAN BK. 374 PLAN 100
PLAN BK. 442 PLAN 62

VERTICAL DATUM

N.A.V.D. 1988



N/F
LARRY I. SHOER & CINDY M. MARTIN
SYLACIN TRUST
BK. 14389 PG. 520

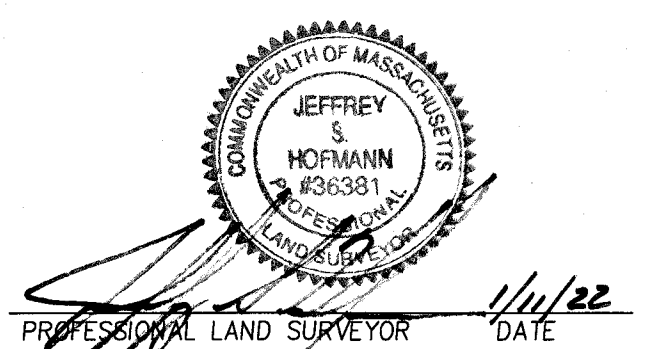
NOTES:

THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.

RECORD UTILITY INFORMATION HAS NOT BEEN OBTAINED FOR LOCUS. VISIBLE SURFACE STRUCTURES HAVE BEEN LOCATED AND ARE SHOWN HEREON HOWEVER, SUBSURFACE UTILITY LINES ARE NOT SHOWN.

THE CERTIFICATIONS SHOWN HEREON ARE NOT INTENDED AS CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN OF GEORGETOWN ASSESSORS RECORDS.

I CERTIFY:
THAT THIS ACTUAL SURVEY WAS MADE ON THE GROUND BETWEEN SEPTEMBER 26, AND SEPTEMBER 28, 2019, AND THAT THE STRUCTURES AND PHYSICAL FEATURES ARE LOCATED AS SHOWN TO THE BEST OF MY ABILITY AND BELIEF.



LEGEND

110

EXIST. CONTOUR

111

PROP. CONTOUR

PROP. RETAINING WALL

D

PROP. DRAIN LINE

RD

PROP. PERFORATED ROOF DRAIN

UE

PROP. UNDERGROUND ELECTRIC

PROP. CATCH BASIN

EXIST. CATCH BASIN

EXIST. UTILITY POLE

WETLANDS

VGC

PROP. VERT. GRAN. CURB

PARKING SPACE CALCS.

USE

MARIJUANA
MANUFACTURING

OF SPACES PROVIDED

28 SPACES

GEORGETOWN PLANNING BOARD APPROVAL

DATE _____

GRAPHIC SCALE

40

0

20

40

80

160

(IN FEET)

1 INCH = 40'

COMMONWEALTH OF MASSACHUSETTS

JAMIE T. MELVIN

CIVIL

REG. NO. 52965

REGISTERED PROFESSIONAL ENGINEER

3-14-22

PREPARED FOR

HUMBOLDTEAST, LLC

395B IPSWICH ROAD

BOXFORD, MA 01921

3	3/14/22	RESPONSE TO PEER REVIEW	J.T.M.
2	1/11/22	RESPONSE TO PEER REVIEW	J.T.M.
1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.
NO.	DATE	DESCRIPTION	BY

MEI

MILLENNIUM ENGINEERING, INC.

ENGINEERING AND LAND SURVEYING

62 ELM ST. SALISBURY, MA 01952 (978) 463-8980

13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=40'

DATE: MAY 24, 2021

DESIG. BY: J.T.M.

CHKD. BY: E.W.B.

PROJECT: M193651

SITE PLAN

IN

GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS

AT

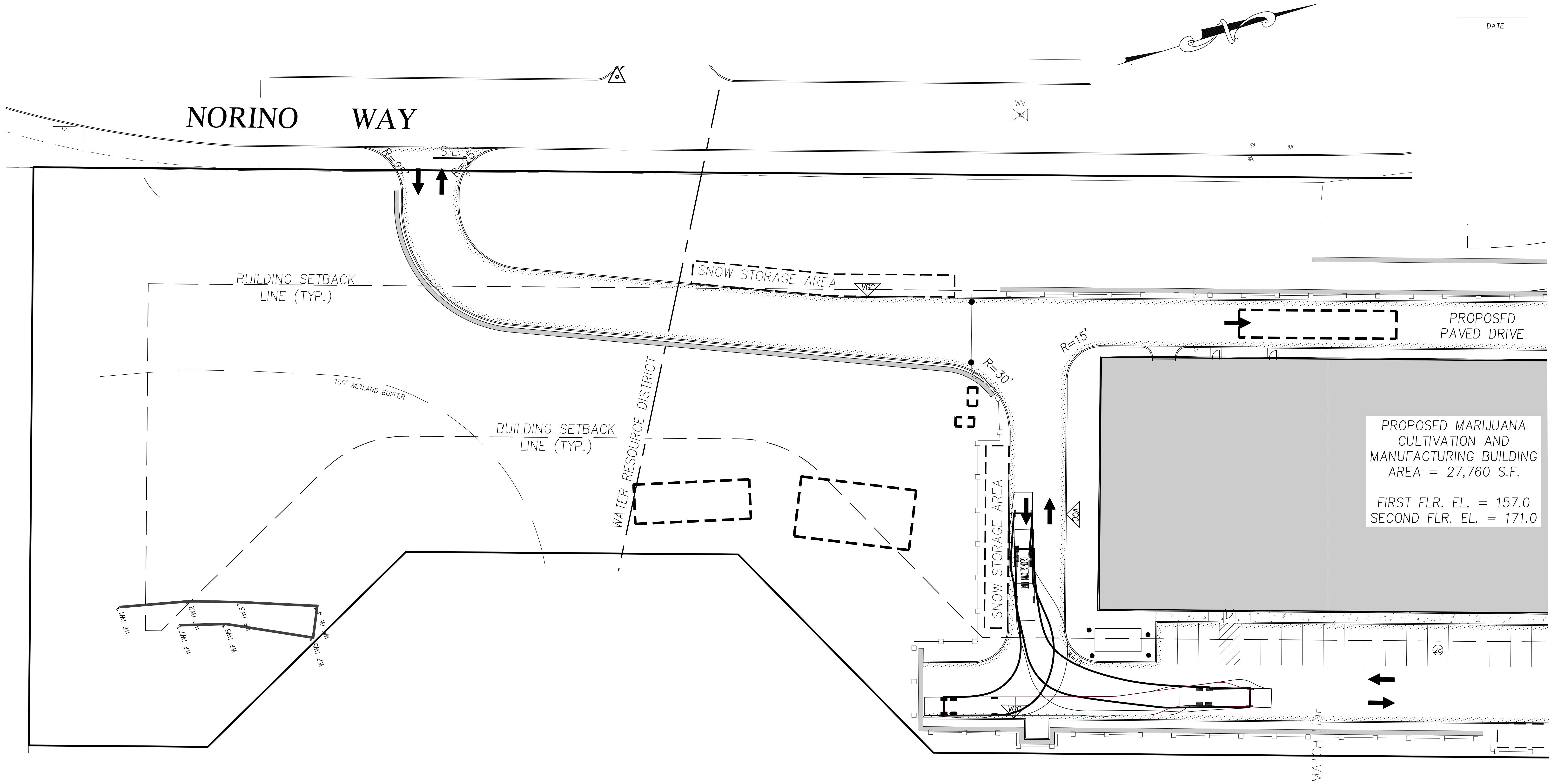
2 NORINO WAY

(MAP 15 - LOT 50H)

SITE PLAN

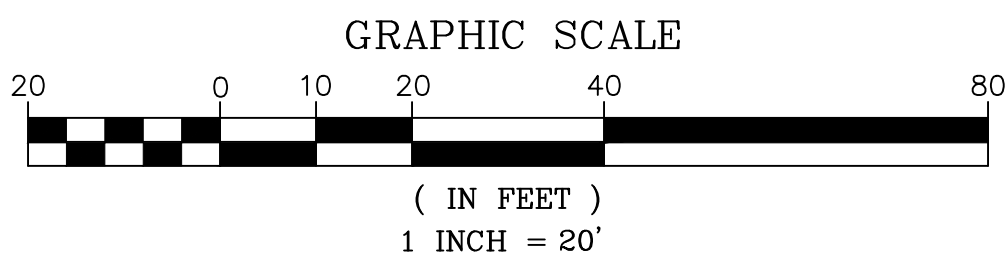
SHEET: 3 OF 17

DATE



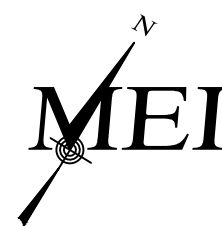
PROPOSED MARIJUANA
CULTIVATION AND
MANUFACTURING BUILDING
AREA = 27,760 S.F.

FIRST FLR. EL. = 157.0
SECOND FLR. EL. = 171.0



PREPARED FOR
HUMBOLDTEAST, LLC
395B IPSWICH ROAD
BOXFORD, MA 01921

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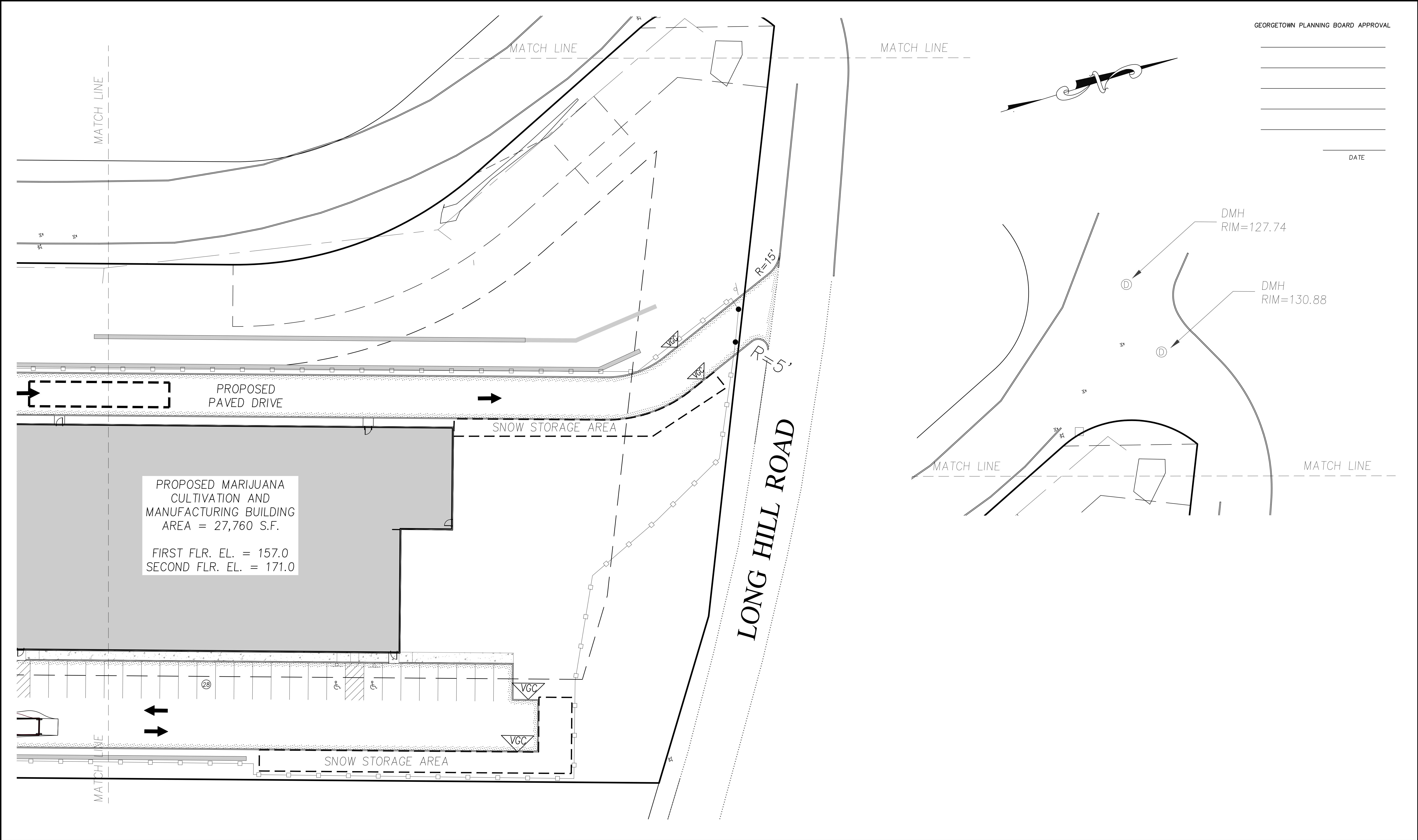


MILLENNIUM ENGINEERING, INC.
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62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=20'
DATE: MAY 24, 2021
DESIG. BY: J.T.M.
CHKD. BY: E.W.B.
PROJECT: M193651

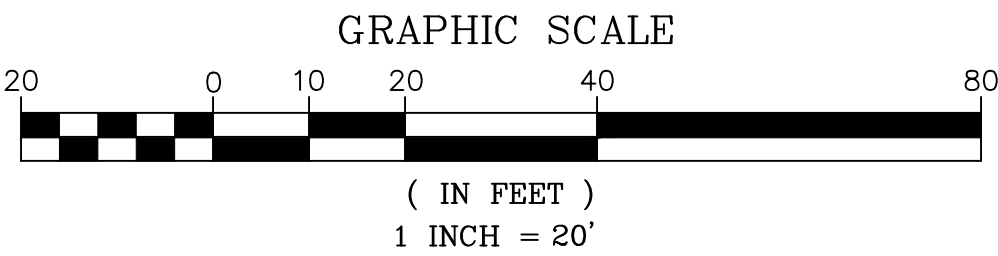
SITE PLAN
IN
GEORGETOWN, MA
PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

SITE PLAN



GEORGETOWN PLANNING BOARD APPROVAL

DATE

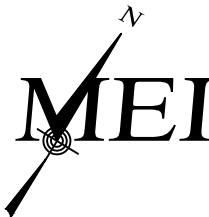


PREPARED FOR

HUMBOLDTEAST, LLC

395B IPSWICH ROAD
BOXFORD, MA 01921

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MILLENNIUM ENGINEERING, INC.
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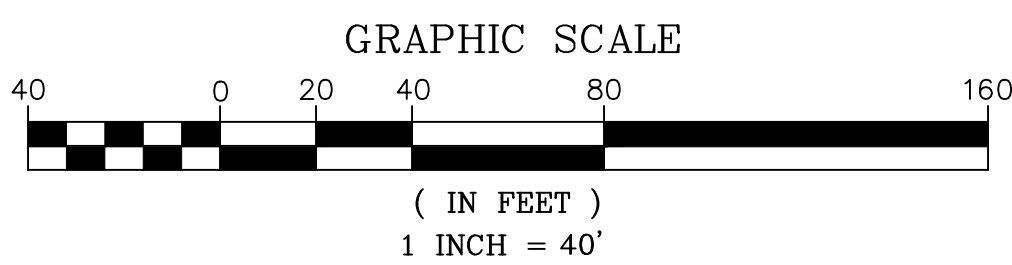
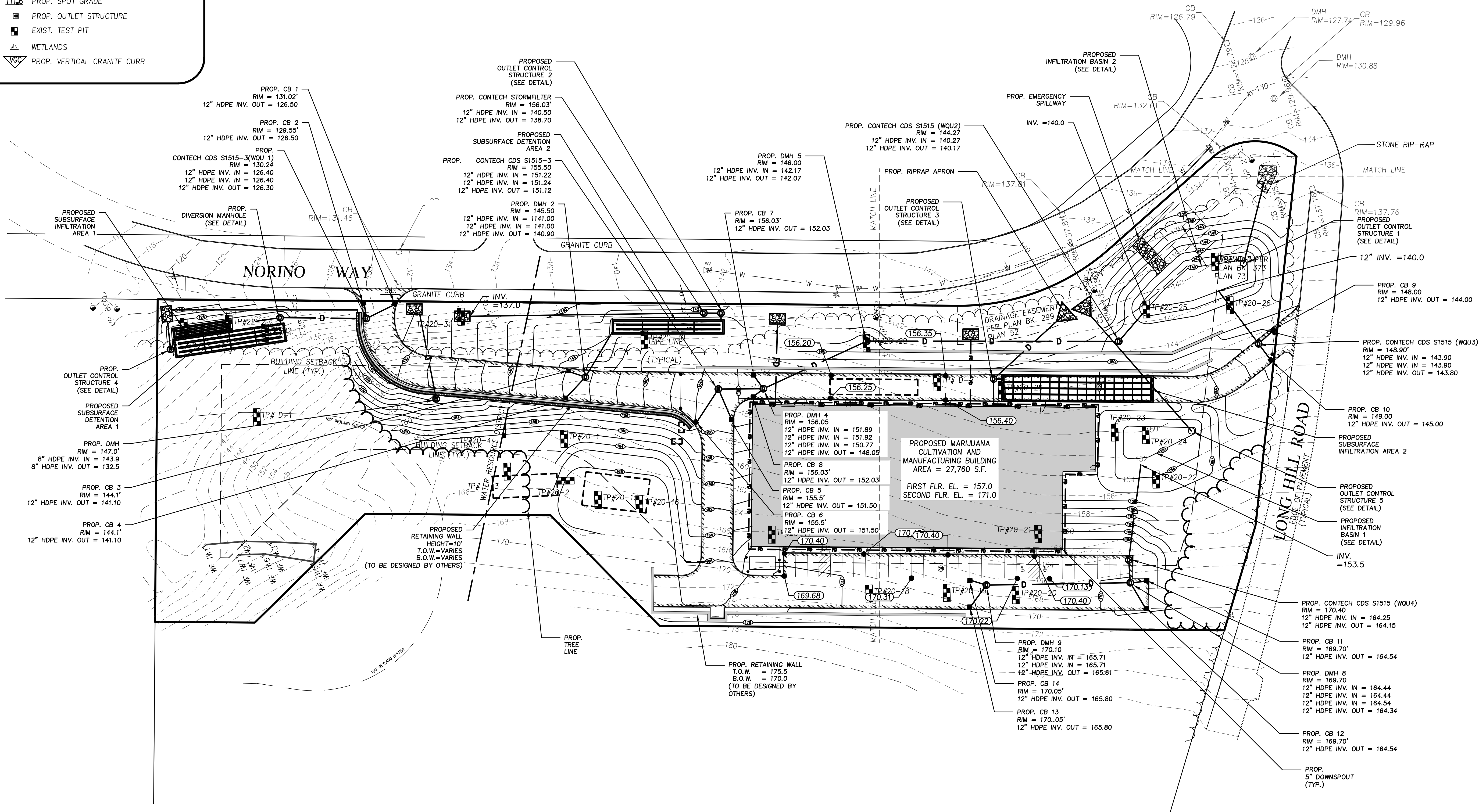
SITE PLAN
IN
GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

SITE PLAN

LEGEND

- 110 EXIST. CONTOUR
- 111 PROP. CONTOUR
- PROP. RETAINING WALL
- D PROP. DRAIN LINE
- RD PROP. PERFORATED ROOF DRAIN
- UE PROP. UNDERGROUND ELECTRIC
- PROP. CATCH BASIN
- EXIST. CATCH BASIN
- EXIST. UTILITY POLE
- ◀ PROP. BUILDING LIGHT
- 11.6 PROP. SPOT GRADE
- PROP. OUTLET STRUCTURE
- EXIST. TEST PIT
- WETLANDS
- PROP. VERTICAL GRANITE CURB



PREPARED FOR
HUMBOLDTEAST, LLC
395 IPSWICH ROAD
BOXFORD, MA 01921

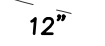
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MEI MILLENNIUM ENGINEERING, INC.
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SCALE: 1"=40'	DESIG. BY: J.T.M.	PROJECT: M193651
DATE: MAY 24, 2021	CHKD. BY: E.W.B.	

SITE PLAN
IN
GEORGETOWN, MA
PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

**GRADING
&
DRAINAGE
PLAN**
SHEET: 6 OF 17



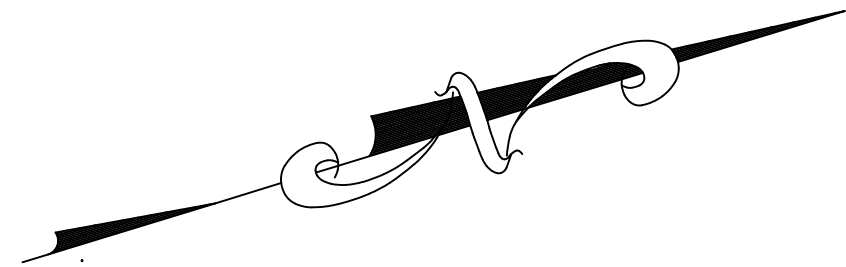
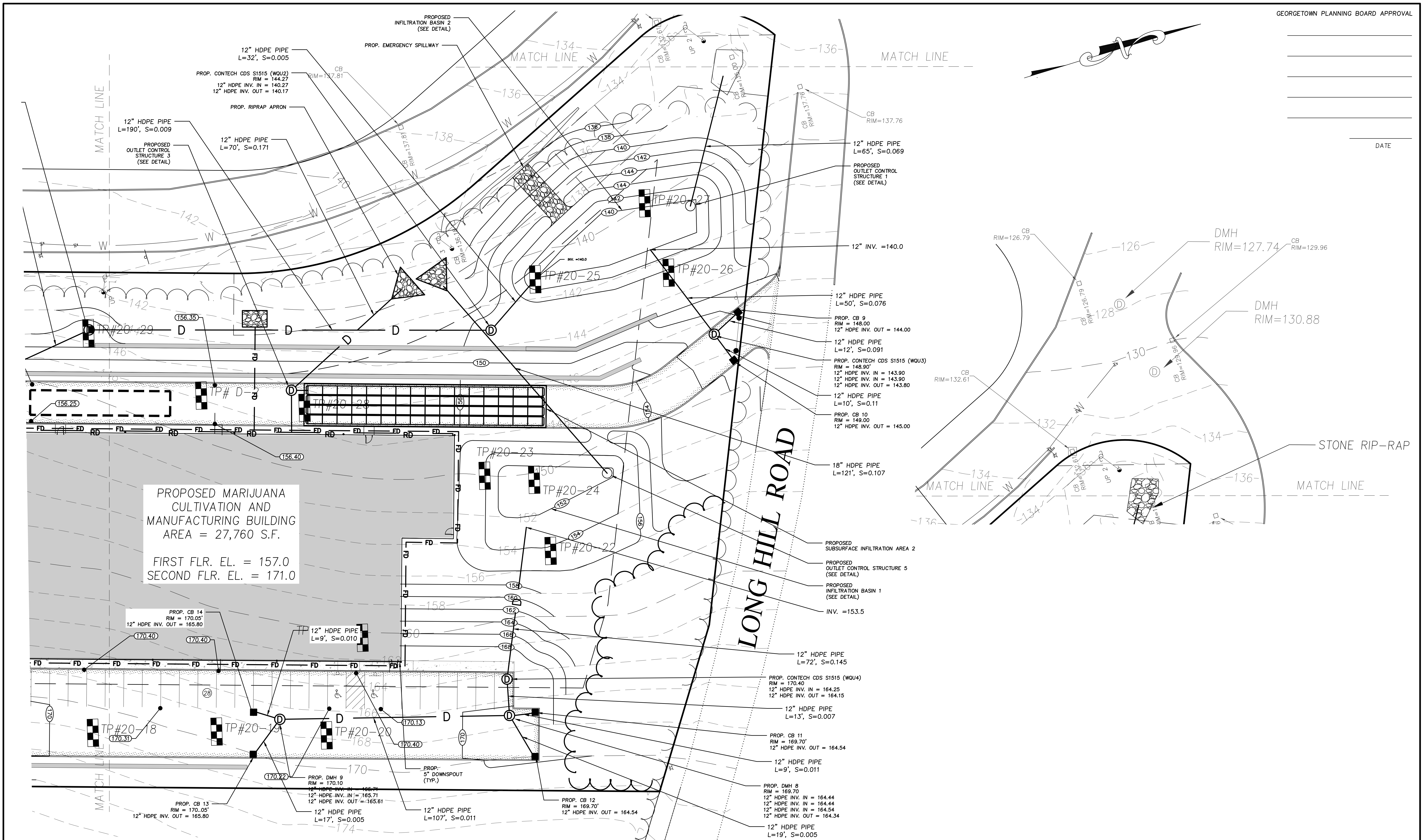
2	1/11/22	RESPONSE TO PEER REVIEW	J.T.M.
1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.
NO.	DATE	DESCRIPTION	BY



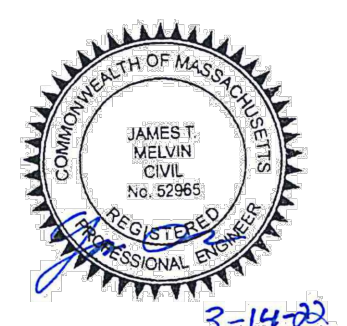
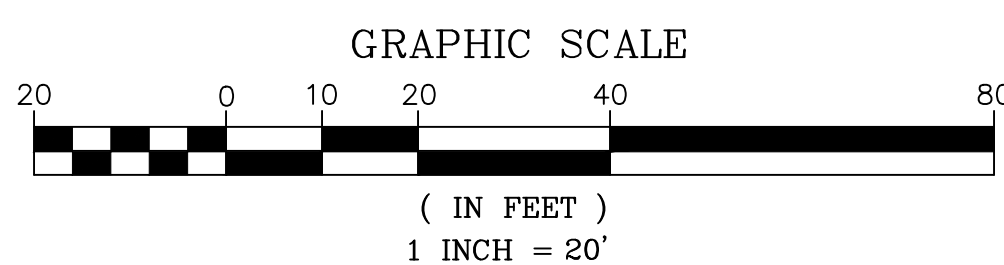
PROPOSED SITE IMPROVEMENTS

GRADING
&
DRAINAGE
PLAN

SHEET: 7 OF 17



DATE



PREPARED FOR
HUMBOLDTEAST, LLC
395 IPSWICH ROAD
BOXFORD, MA 01921

NO.	DATE	DESCRIPTION	BY
3	3/14/22	RESPONSE TO PEER REVIEW	J.T.M.
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1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.



MILLENNIUM ENGINEERING, INC.
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62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=20'	DESIG. BY: J.T.M.	PROJECT: M193651
DATE: MAY 24, 2021	CHKD. BY: E.W.B.	

SITE PLAN
IN
GEORGETOWN, MA
PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

GRADING & DRAINAGE PLAN
SHEET: 8 OF 17

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO: THE GEORGETOWN PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, THE WETLANDS PROTECTION ACT (310 CMR 10.00), THE ORDER OF CONDITIONS ISSUED BY THE GEORGETOWN CONSERVATION COMMISSION, AND THESE PLANS.
2. THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS. ANY PROPOSED REVISIONS TO THE WORK SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED BY THE OWNER AND REGULATING MUNICIPAL AND/OR STATE AGENCIES.
3. THE LOCATION OF ALL UTILITIES, AS SHOWN ON THESE PLANS, ARE BASED UPON PLANS AND RECORD INFORMATION PROVIDED BY MUNICIPAL AND PRIVATE UTILITY COMPANIES AND ARE CONSIDERED APPROXIMATE BOTH AS TO SIZE AND LOCATION. NO WARRANTY IS MADE TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL NOT RELY ON THESE PLANS FOR SUCH INFORMATION AND SHALL MAKE EXAMINATIONS IN THE FIELD BY VARIOUS AVAILABLE RECORDS, UTILITY COMPANIES AND INDIVIDUALS, AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES.
4. THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE NEW WORK. HE/SHE SHALL EXCAVATE TO VERIFY PERTINENT DRAINAGE INVERTS AND POTENTIAL UTILITY CONFLICTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER IMMEDIATELY.
5. THE CONTRACTOR IS RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THE PUBLIC, EMPLOYEES, AND ALL OTHER PERSONS ASSOCIATED WITH THE PROJECT. HE/SHE SHALL COORDINATE AND BE RESPONSIBLE FOR ALL SAFETY SIGNING, BARRIERS AND TEMPORARY PAVEMENT MARKINGS NECESSARY TO PROVIDE A SMOOTH AND PROPER TRANSITION FOR TRAFFIC FLOW.
6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BY CONTACTING "DIG-SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION. DIG-SAFE TELEPHONE NUMBER: 1-888-344-7233.
7. 14 DAYS PRIOR TO COMMENCING CONSTRUCTION, THE OWNER/DEVELOPER SHALL PRESENT A CONSTRUCTION SCHEDULE TO THE PLANNING DEPARTMENT.
8. TWO HARD COPIES OF AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE PLANNING DEPARTMENT UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL INCLUDE ALL LANDBASE AND UTILITIES INFORMATION.
9. ONSITE BURIAL OF STUMPS OR ANY OTHER DEBRIS IS PROHIBITED.
10. THE PROPERTY DOES NOT LIE WITHIN THE 100-YEAR FLOOD PLAIN ACCORDING TO F.I.R.M. COMMUNITY PANEL NUMBER 25009C0117G.
11. ELEVATIONS ARE BASED UPON AN 1988 NAV DATUM.
12. SIZE AND LOCATION OF THE FIRE SERVICE TO BE DESIGNED BY A FIRE PROTECTION DESIGNER. PIPE SHALL BE DR18 IN 40' LENGTHS WITH FUSED JOINTS.
13. WATER AND SEWER MAINS SHOWN ARE APPROXIMATE. FURTHER INFORMATION IS REQUIRED FROM GEORGETOWN DPW PRIOR TO CONSTRUCTION TO VERIFY SIZE AND LOCATION OF THESE UTILITIES.

WATER INSTALLATION NOTES

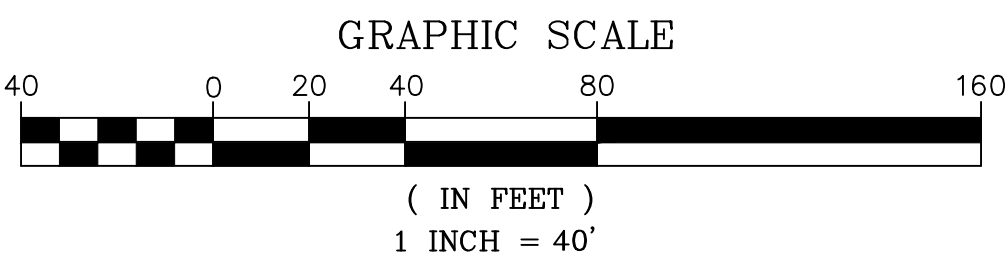
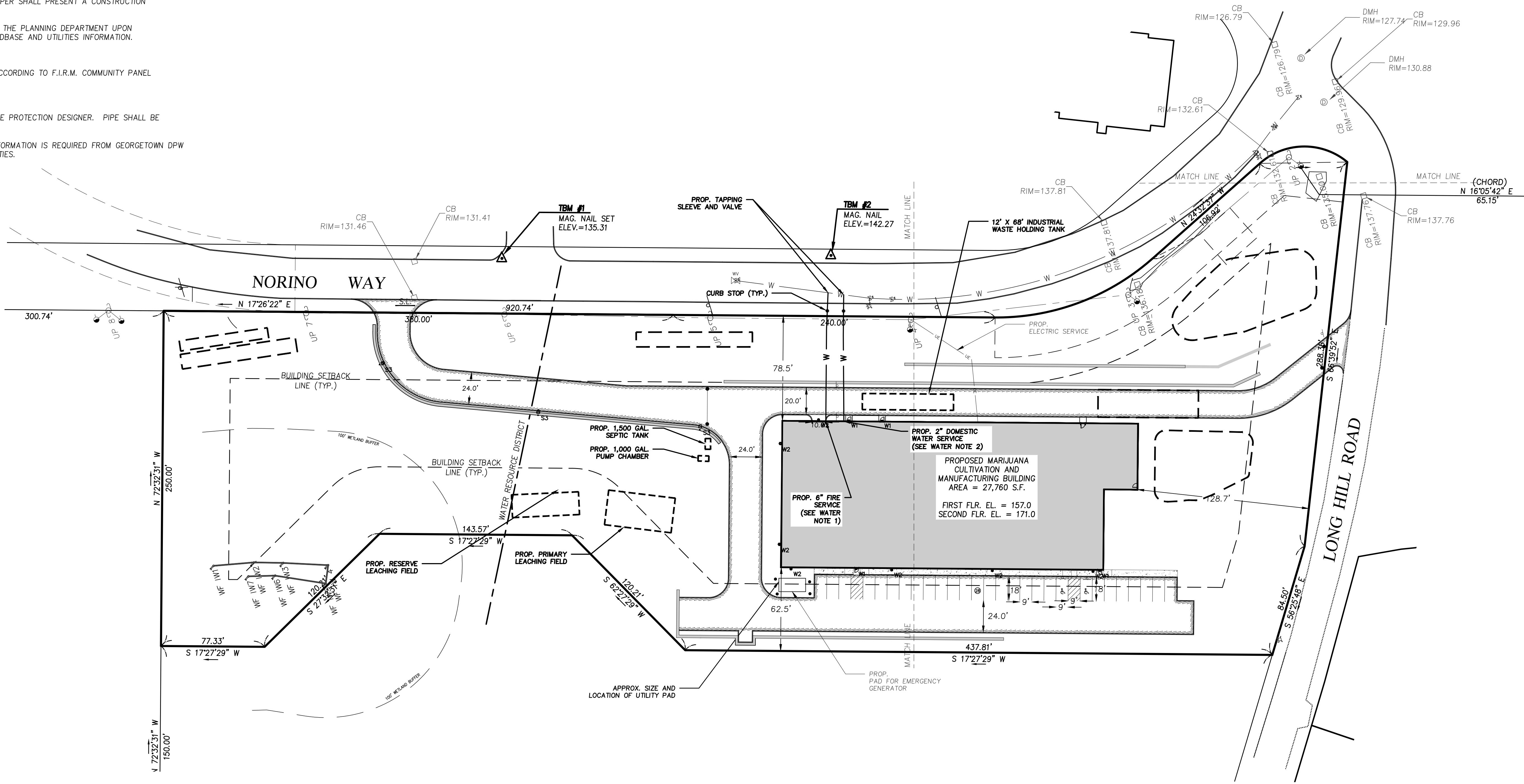
1. THE SIZE OF THE FIRE SERVICE SHALL BE SIZED AND DESIGNED BY A FIRE PROTECTION PROFESSIONAL. THE PROPOSED SIZE IS APPROXIMATE.
2. THE SIZE OF THE DOMESTIC SERVICE SHALL BE DESIGNED ONCE ADDITIONAL MEP INFORMATION FOR THE BUILDING IS PROVIDED.

SEPTIC SYSTEM NOTES

1. THE PUMP CHAMBER AND TANK SHOWN ARE APPROXIMATE. A SEPTIC SYSTEM DESIGN WILL BE PROVIDED SHOWING FINAL TANK LOCATION AND SIZE.

GEORGETOWN PLANNING BOARD APPROVAL

DATE



PREPARED FOR
HUMBOLDTEAST, LLC
395B IPSWICH ROAD
BOXFORD, MA 01921

NO.	DATE	DESCRIPTION	BY
3	3/14/22	RESPONSE TO PEER REVIEW	J.T.M.
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MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=40'	DESG. BY: J.T.M.	PROJECT: M193651
DATE: MAY 24, 2021	CHKD. BY: E.W.B.	

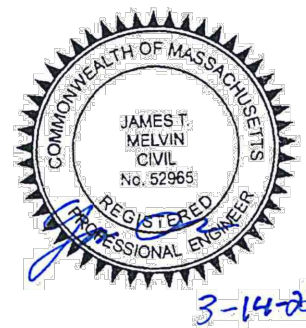
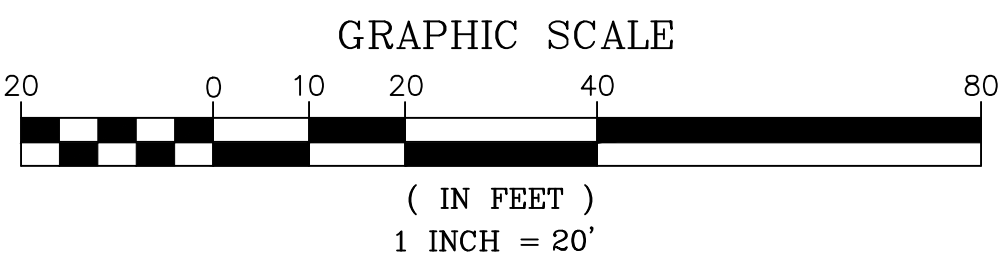
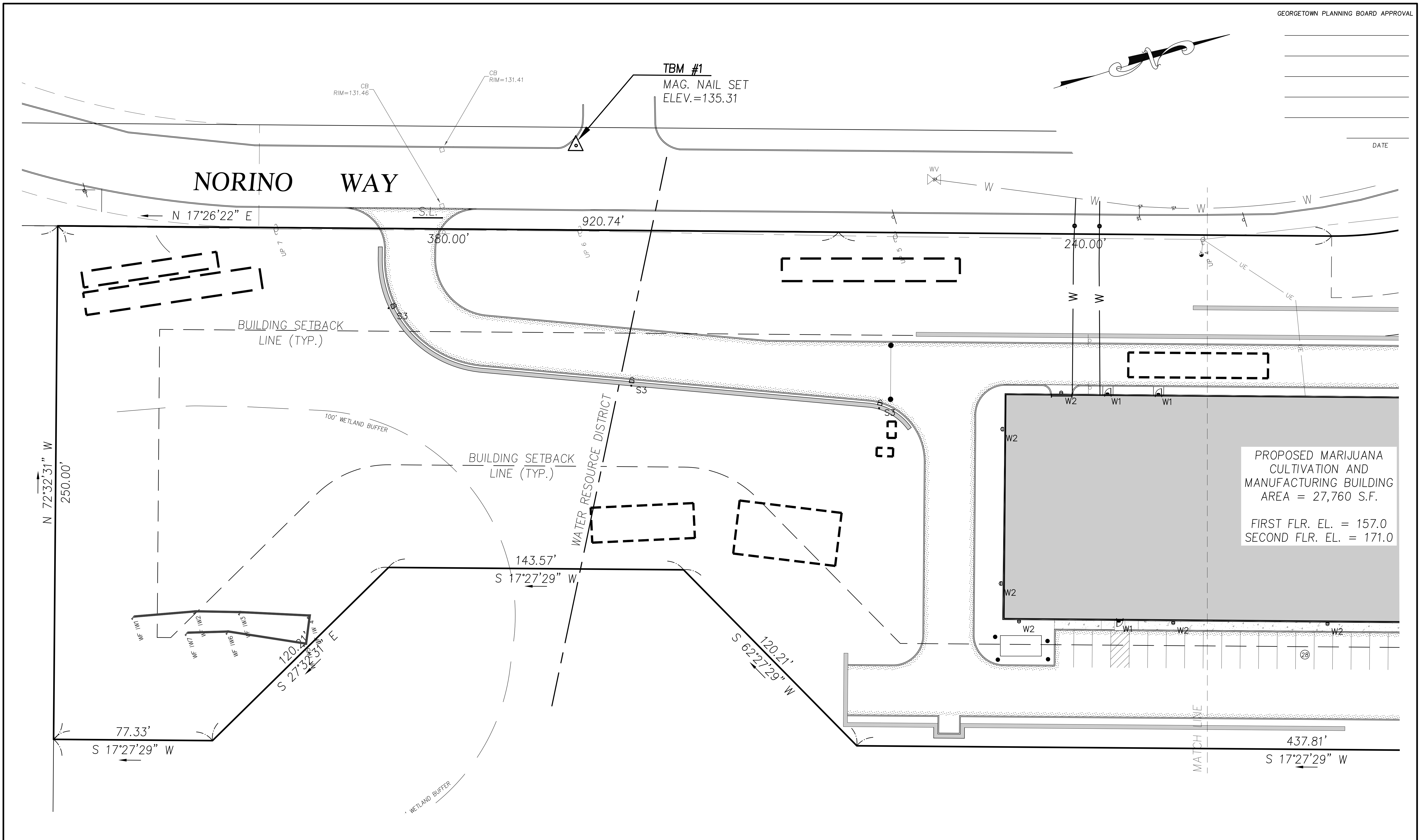
SITE PLAN
IN
GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

UTILITIES
PLAN

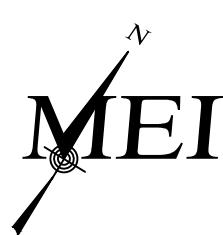
SHEET: 9 OF 17

DATE



PREPARED FOR
HUMBOLDTEAST, LLC
395B IPSWICH ROAD
BOXFORD, MA 01921

NO.	DATE	DESCRIPTION	BY
3	3/14/22	RESPONSE TO PEER REVIEW	J.T.M.
2	1/11/22	RESPONSE TO PEER REVIEW	J.T.M.
1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.

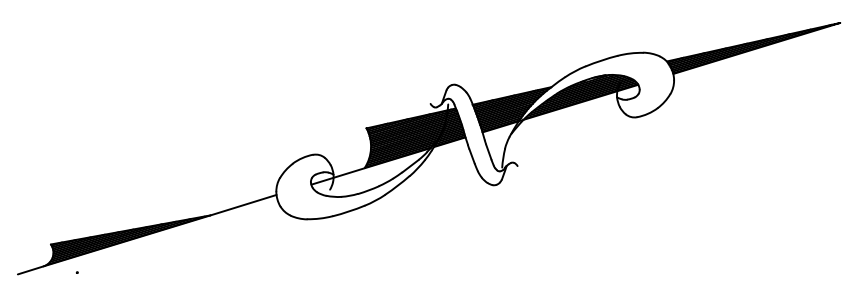
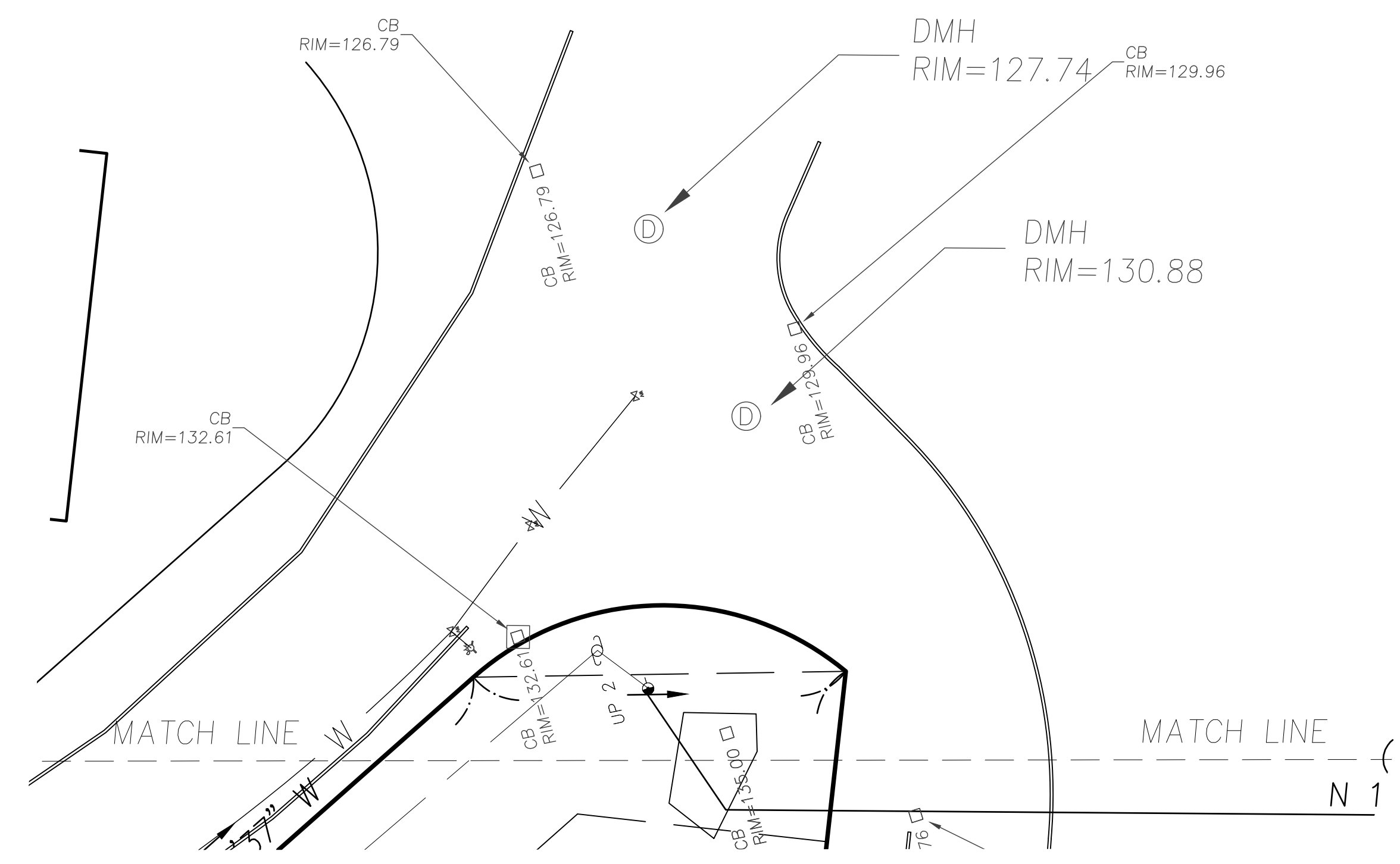
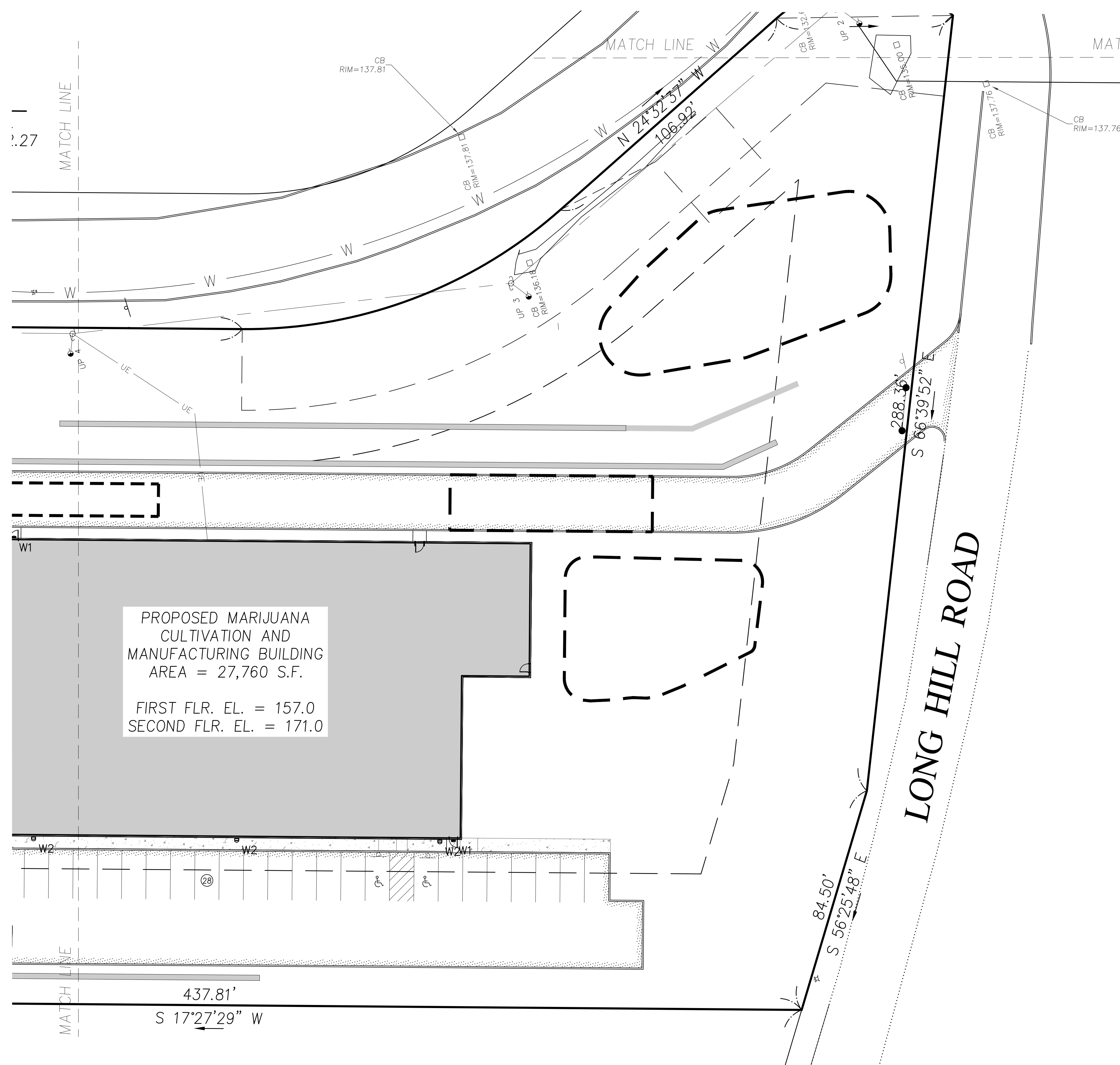


MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

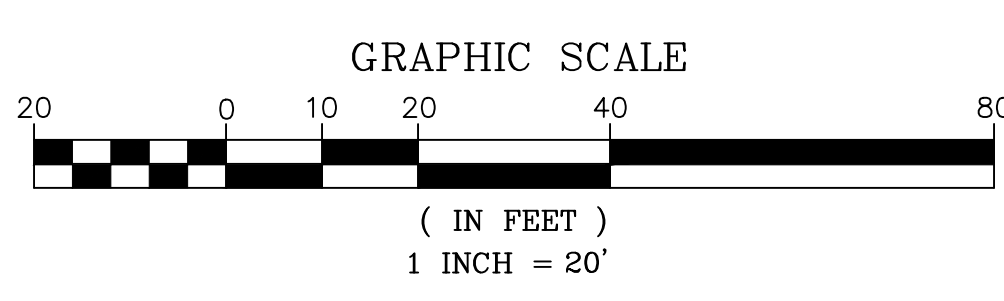
SCALE: 1"=20'	DES. BY: J.T.M.	PROJECT: M193651
DATE: MAY 24, 2021	CHKD. BY: E.W.B.	

SITE PLAN
IN
GEORGETOWN, MA
PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

UTILITIES
PLAN

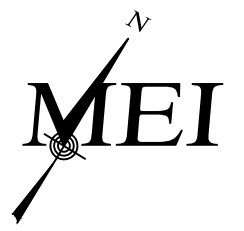


DATE _____



PREPARED FOR
HUMBOLDTEAST, LLC
395B IPSWICH ROAD
BOXFORD, MA 01921

NO.	DATE	DESCRIPTION	BY
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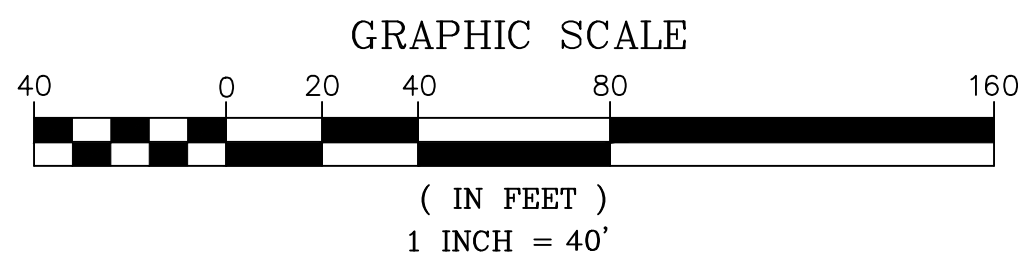
SCALE: 1"=20'	DESIG. BY: J.T.M.	PROJECT: M193651
DATE: MAY 24, 2021	CHKD. BY: E.W.B.	

SITE PLAN
IN
GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

UTILITIES PLAN

SHEET: 11 OF 17



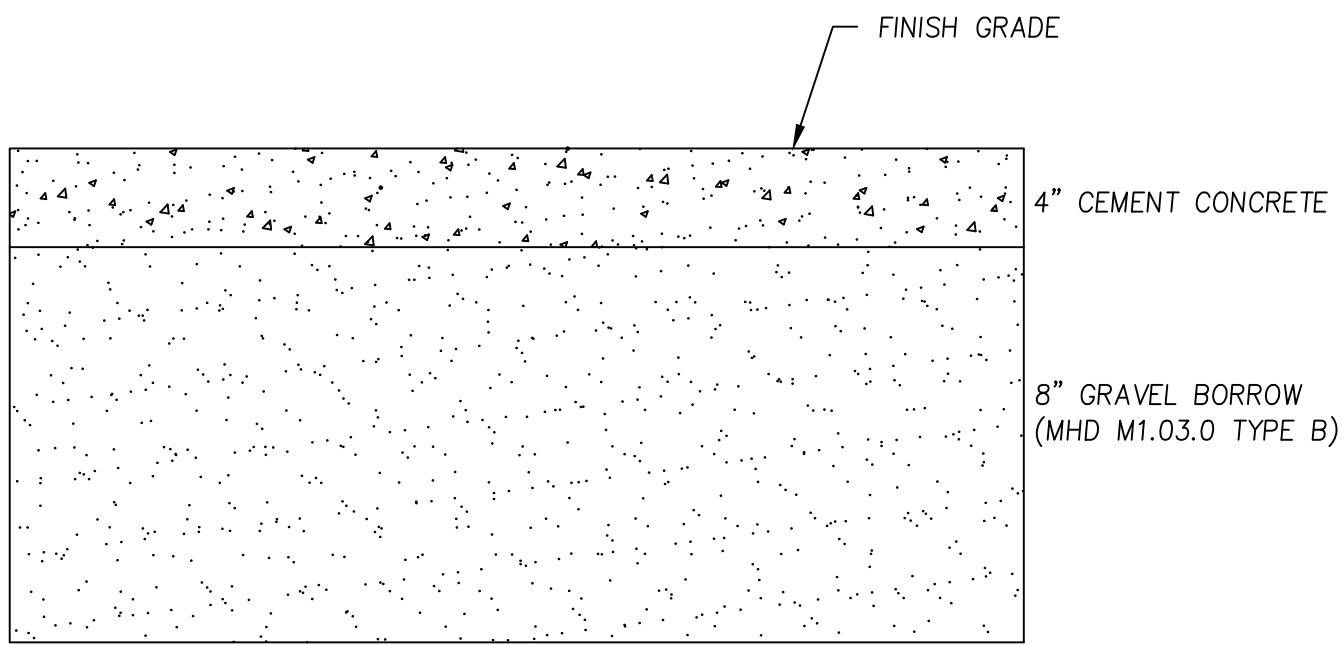
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1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.
NO.	DATE	DESCRIPTION	BY

SITE PLAN
IN
GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

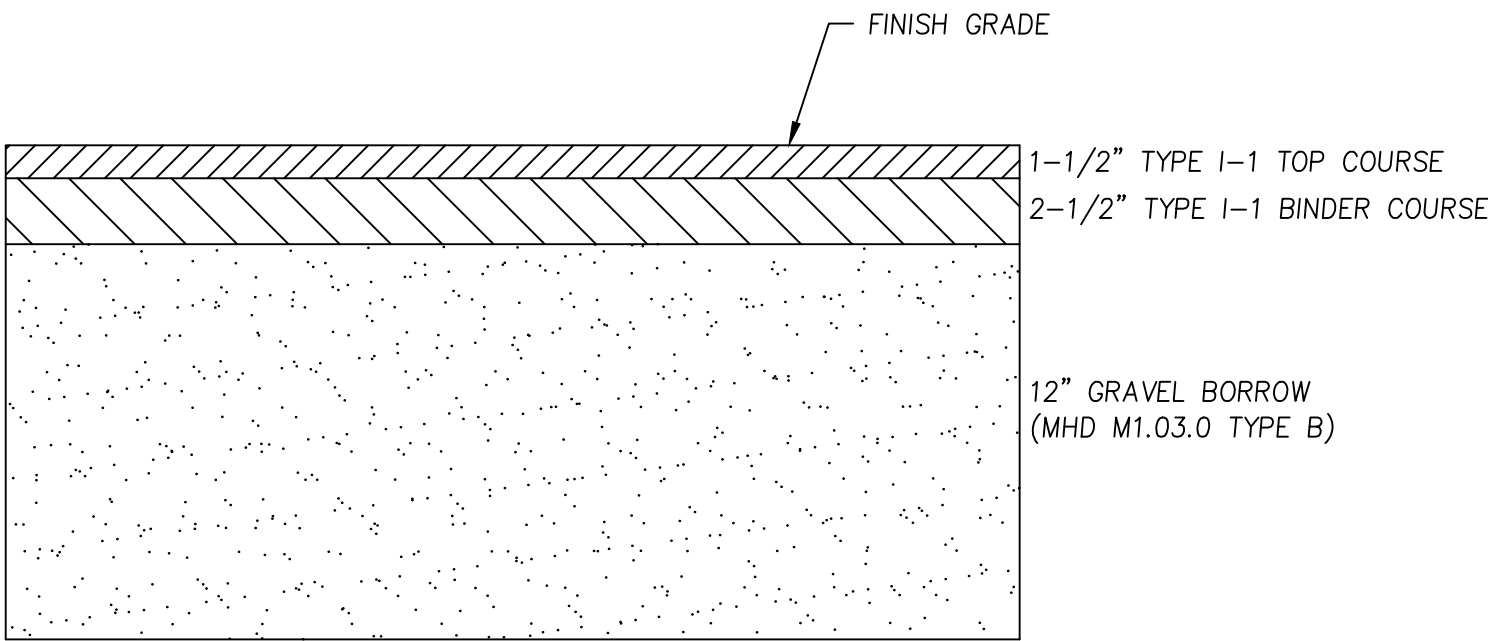
EROSION
AND
SEDIMENTATION
CONTROL
PLAN

SHEET: 12 OF 17



CONCRETE SIDEWALK
DETAIL

N.T.S.

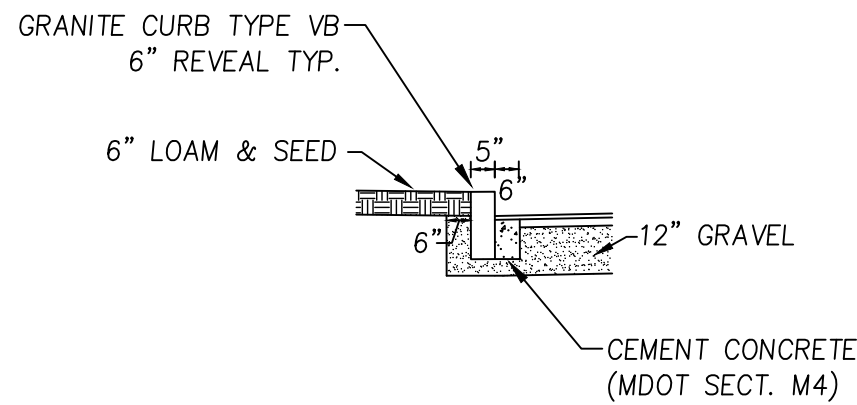


PAVEMENT
DETAIL

N.T.S.

PAVEMENT NOTES

- 1.) ALL STUMPS, ROCKS AND LEDGE WITHIN THE LIMITS OF THE PROPOSED PAVED WAY SHALL BE REMOVED. ALL LEDGE SHALL BE REMOVED TO A MINIMUM DEPTH OF 2" BELOW FINISHED PAVEMENT GRADE.
- 2.) PAVEMENT SHALL NOT BE CONSTRUCTED DURING FREEZING WEATHER OR ON WET OR FROZEN SUBGRADE.
- 3.) GRADING AND ROLLING SHALL BE REQUIRED TO PROVIDE A SMOOTH, EVEN, AND UNIFORM COMPACTED BASE WHICH IS COMPACTED TO A MINIMUM DRY DENSITY OF 95 PERCENT.
- 4.) ALL UNSUITABLE MATERIAL SHALL BE EXCAVATED AND REPLACED WITH SATISFACTORY MATERIAL AND BROUGHT UP TO GRADE WITH GRAVEL BORROW CONTAINING NO STONES GREATER THAN 6" DIAMETER.
- 5.) AT ALL TIMES DURING CONSTRUCTION, THE SUB-GRADE AND ALL DITCHES SHALL BE CONSTRUCTED AND MAINTAINED SO THAT THE TRACK WILL EFFECTIVELY BE DRAINED.
- 6.) THE CONTRACTOR SHALL REFER TO THE GEORGETOWN PLANNING BOARD SUBDIVISION REGULATIONS ARTICLE VI.

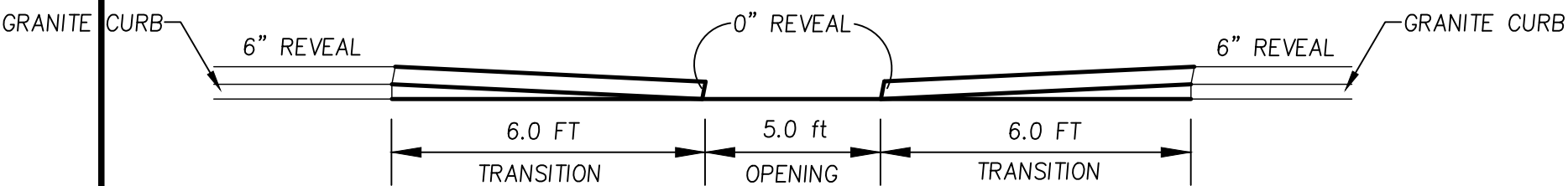


NOTES:

ALL CURBING ON SITE SHALL BE INSTALLED IN ACCORDANCE WITH THIS DETAIL.

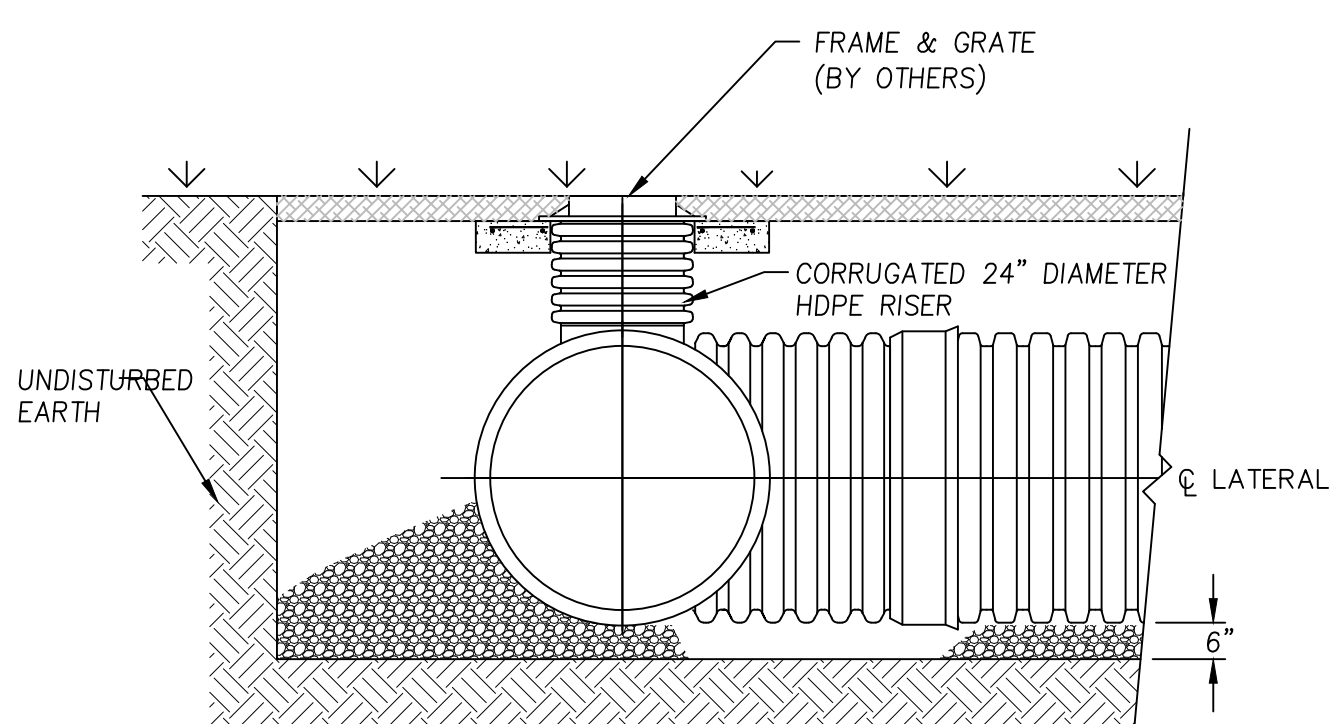
TYPICAL GRANITE CURBING
INSTALLATION DETAIL

N.T.S.

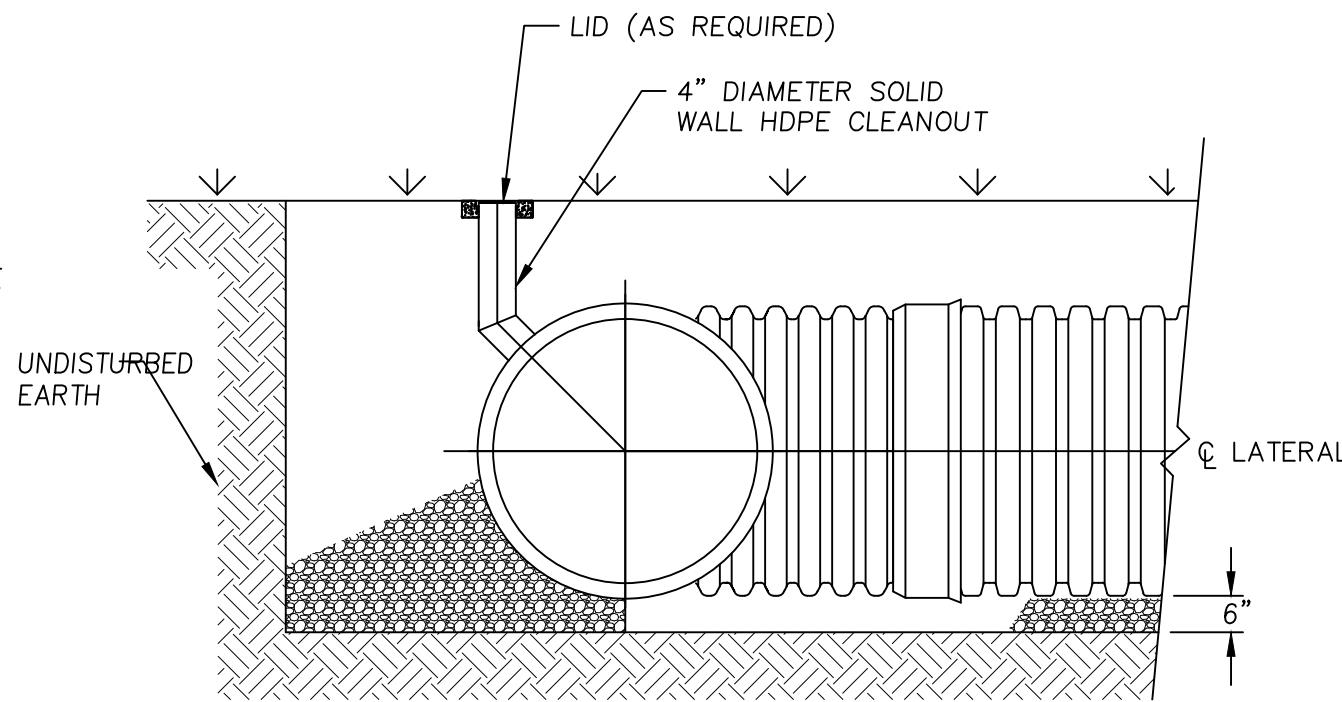


CURB OPENING
DETAIL

N.T.S.



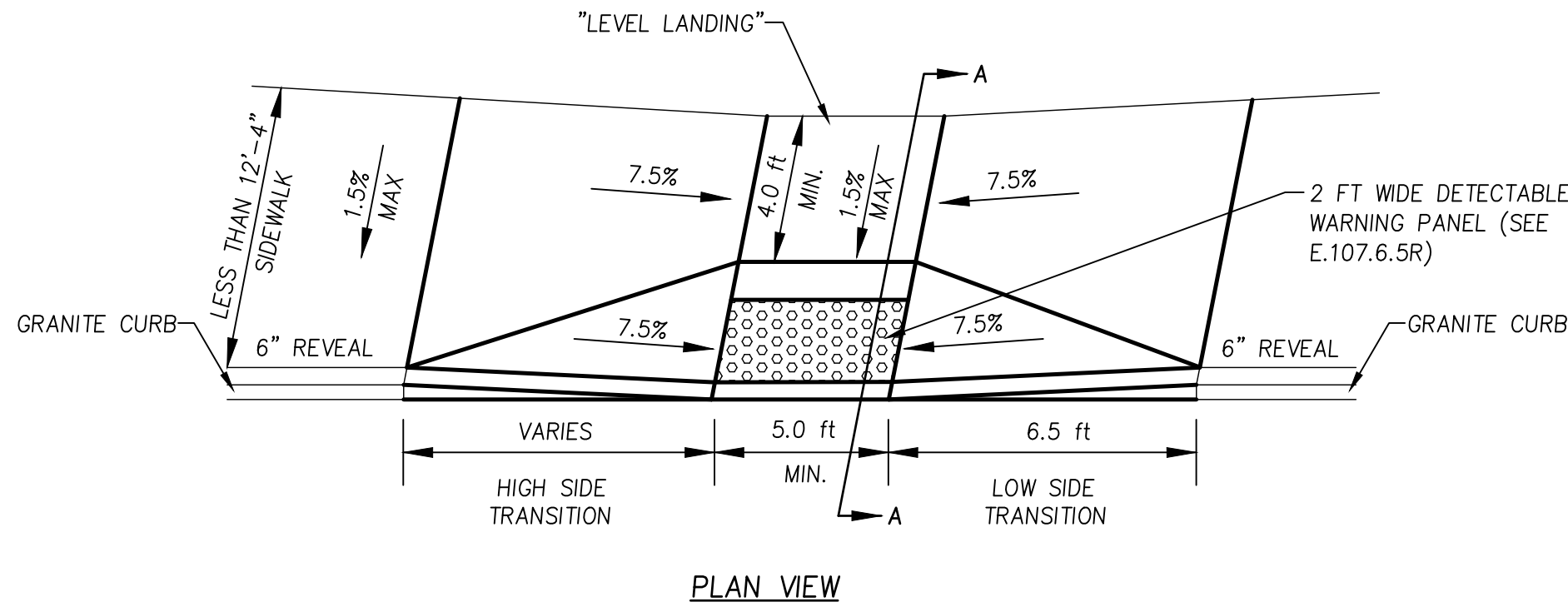
SECTION A-A



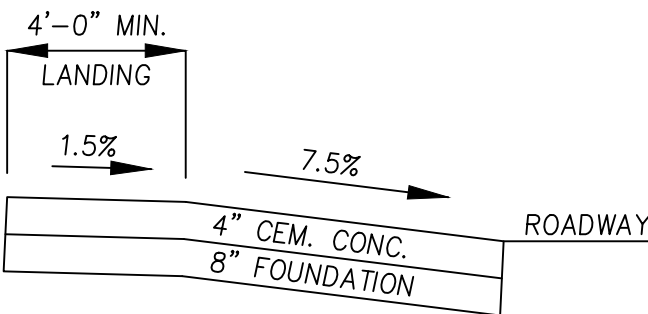
SECTION B-B

UNDERGROUND DETENTION RISER/CLEANOUT
DETAIL

N.T.S.



PLAN VIEW



SECTION A-A

NOTES:

RAMP CROSS SECTION TO BE SAME AS SIDEWALK; I.E. DEPTH OF SURFACE AND FOUNDATION.

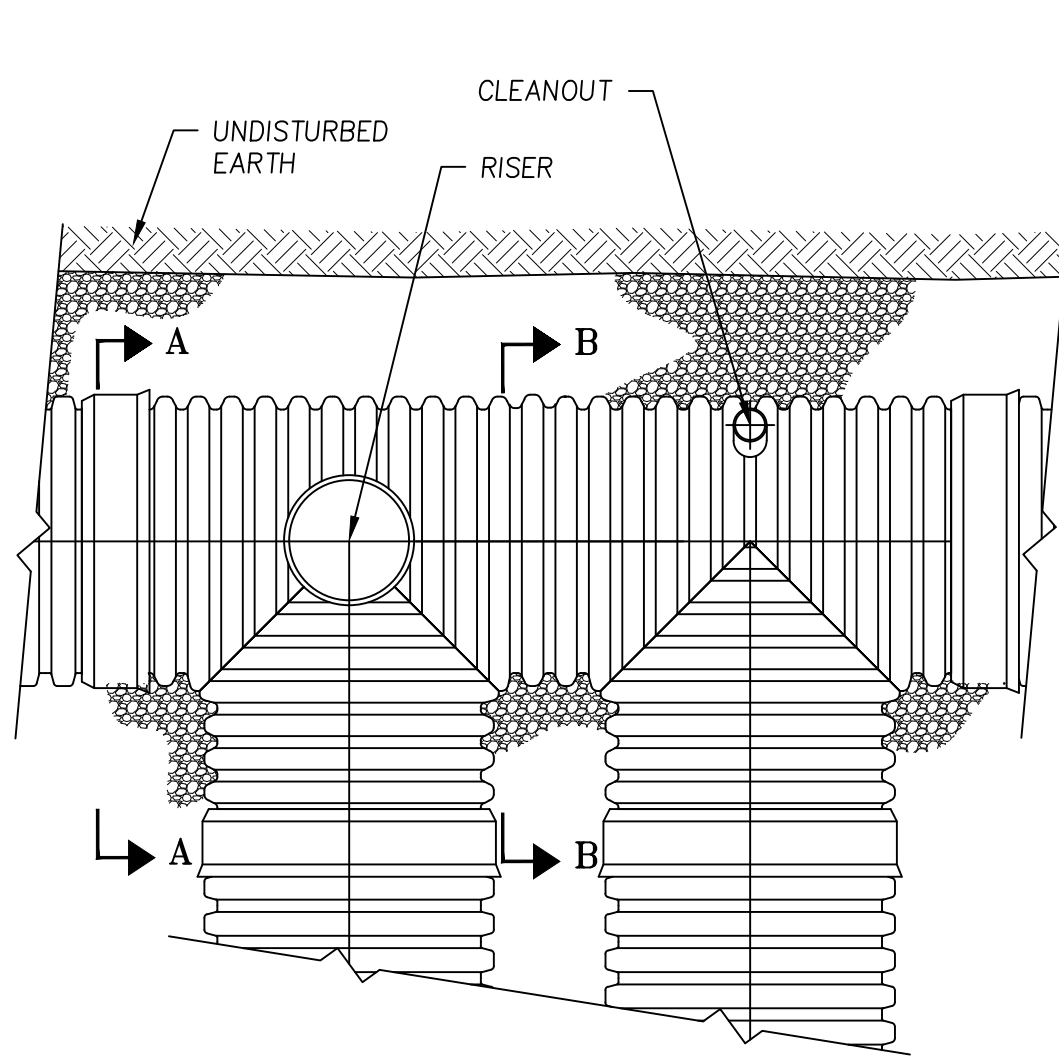
BASE OF RAMP SHALL MEET PAVEMENT GUTTER SUCH THAT THERE IS NO DIFFERENCE IN ELEVATION. RAMP SHALL BE CONSTRUCTED SUCH THAT WATER DOES NOT "PUDDLE" AT THE BASE OF THE RAMP.

THE PAVEMENT AT THE BASE OF THE RAMP SHALL BE PART OF THE CONTINUOUS TOP COURSE. THE USE OF A "PAVEMENT PATCH" TO COMPLY WITH THE CONDITIONS IN NOTE 2, ABOVE IS PROHIBITED.

RAMPS SHALL CONFORM TO MASS DOT WHEELCHAIR RAMP STANDARDS - LATEST REVISIONS.

CEMENT CONCRETE WHEELCHAIR
RAMP DETAIL

N.T.S.



KEY

- 1.) SELECT MATERIAL OR GRAVEL BORROW PLACED AND COMPACTED IN 6" LIFTS.
- 2.) SAND MATERIAL SHALL BE GRADED SAND FREE FROM ORGANIC MATERIALS, GRADED SUCH THAT 100% PASSES A 0.5" SIEVE AND A MAXIMUM OF 15 PERCENT PASSES A #200 SIEVE.
- 3.) GRANULAR BEDDING, 6" IN DEPTH.
- 4.) HDPE WATERTIGHT NON-WOVEN GEOTEXTILE REQUIRED, WRAPPING TRENCH ONLY.

MATERIAL NOTES

ALL MATERIALS OF THE ELEMENTS IN THE SITE PLAN MUST CONFORM TO THE FOLLOWING STANDARDS:

1. COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES (LATEST EDITION)
2. 521 CMR RULES AND REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD (AAB) AND THE AMERICANS WITH DISABILITIES ACT (ADA)

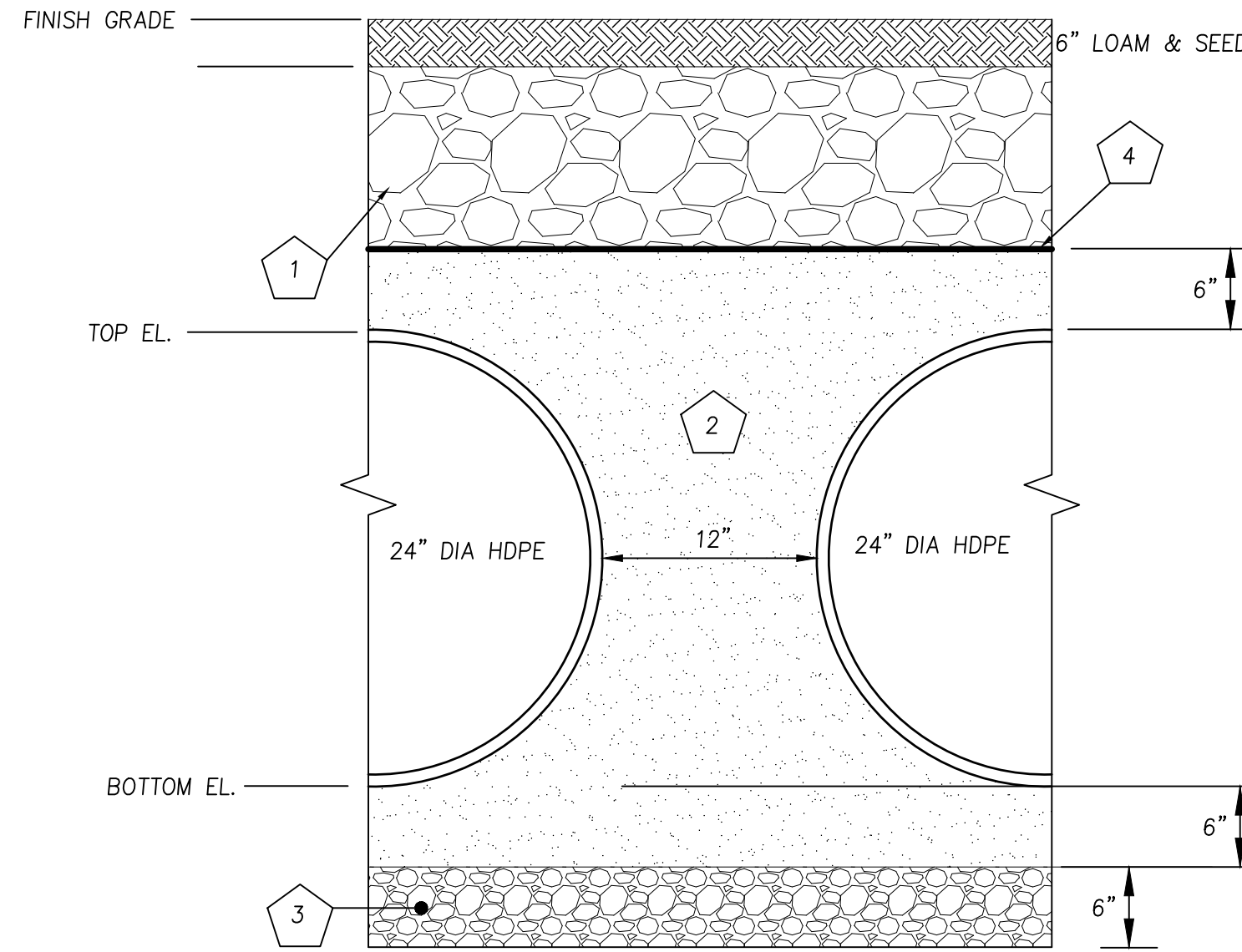
FOUNDATION/BEDDING PREPARATION

PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND BROUGHT BACK TO THE GRADE WITH A FILL MATERIAL AS APPROVED BY THE ENGINEER. ONCE THE FOUNDATION PREPARATION IS COMPLETE, THE 4 INCHES OF A WELL-GRADED GRANULAR MATERIAL SHALL BE PLACED AS THE BEDDING.

BACKFILL

SAND MATERIAL SHALL BE GRADED SAND FREE FROM ORGANIC MATERIALS, GRADED SUCH THAT 100% PASSES A 0.5" SIEVE AND A MAXIMUM OF 15 PERCENT PASSES A #200 SIEVE. WHEN PLACING THE FIRST LIFTS OF BACKFILL IT IS IMPORTANT TO MAKE SURE THAT THE BACKFILL IS PROPERLY COMPACTED UNDER AND AROUND THE PIPE HAUNCHES. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO LIFT (16") DIFFERENTIAL BETWEEN ANY OF THE PIPES AT ANY TIME DURING THE BACKFILL PROCESS. THE BACKFILL SHALL BE ADVANCED ALONG THE LENGTH OF THE DETENTION SYSTEM AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING ON THE PIPE.

OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. REFER TO TYPICAL BACKFILL DETAIL FOR MATERIAL REQUIRED.

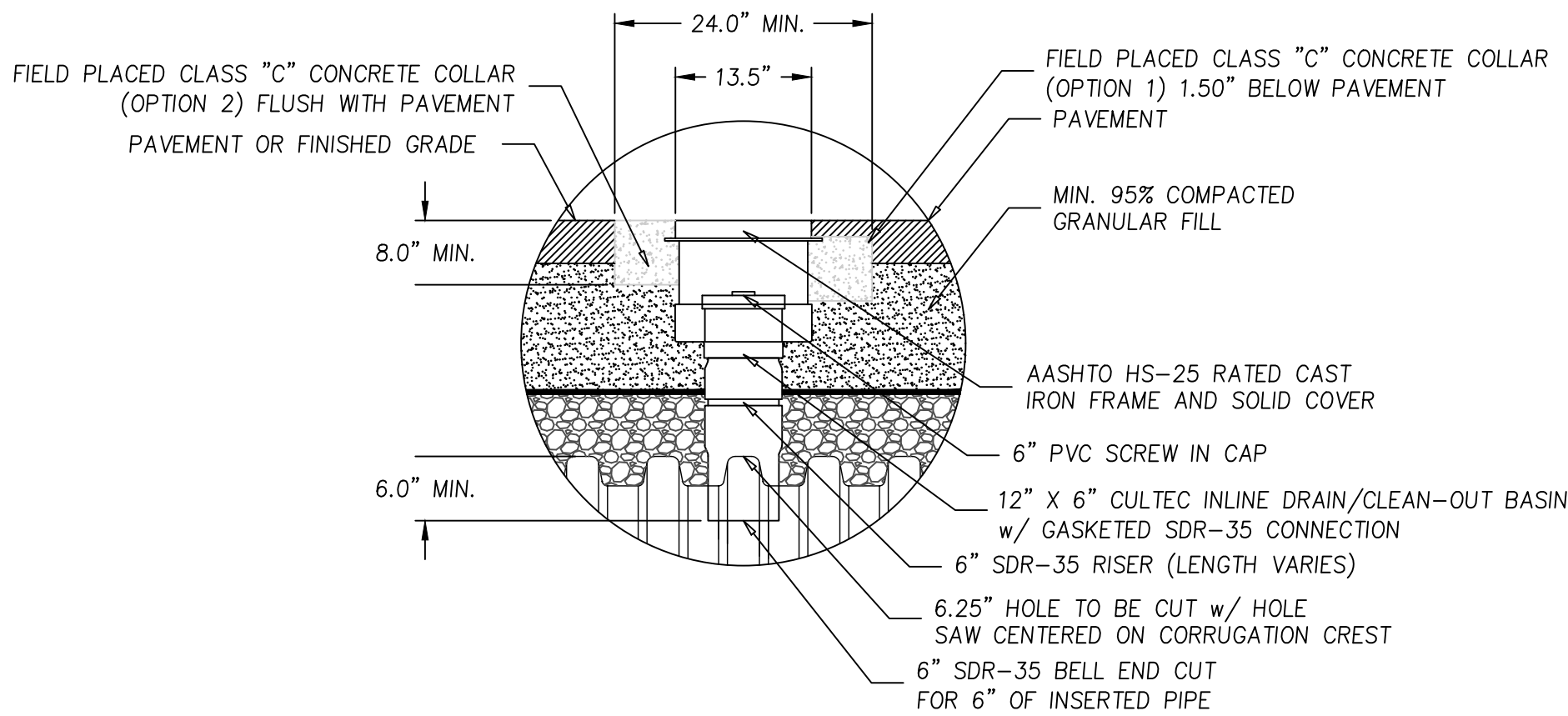


ESHWT

DETENTION AREA	BOT. STONE ELEV.	BOT. PIPE ELEV.	TOP PIPE ELEV.	TOP STONE ELEV.	MIN. COVER ELEV.
1	124.00	125.00	127.00	127.50	129.00
2	140.10	140.60	142.60	143.10	144.10

BACKFILL
DETAIL

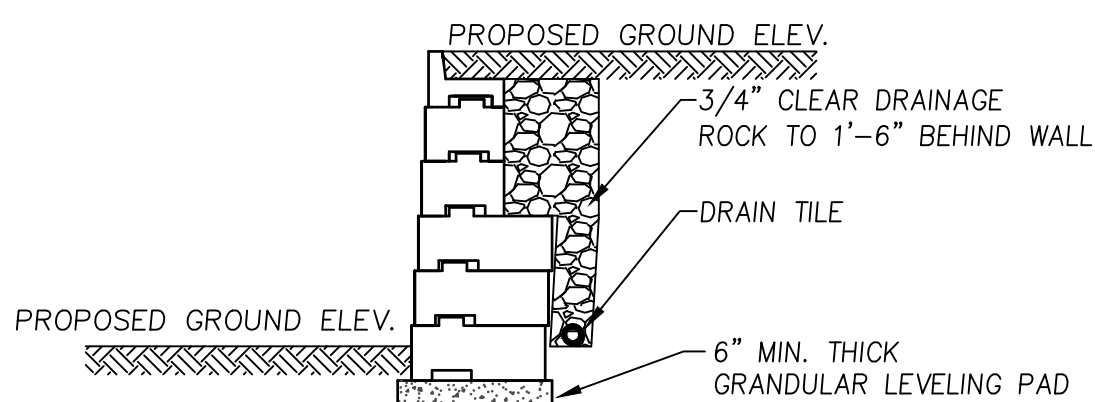
N.T.S.



INSPECTION PORT

TESTING NOTE:

HDPE PIPE SHALL BE TESTED AFTER OR DURING INSTALLATION TO ENSURE A SOUND INSTALLATION IS ACCOMPLISHED. JOINT TESTING FOR WATERTIGHTNESS SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM F2487 STANDARD PRACTICE FOR INFILTRATION AND EXFILTRATION ACCEPTANCE TESTING OF INSTALLED CORRUGATED HIGH DENSITY POLYETHYLENE PIPELINES.



SEGMENTAL BLOCK
RETAINING WALL

N.T.S.



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395 IPSWICH ROAD
BOXFORD, MA 01921

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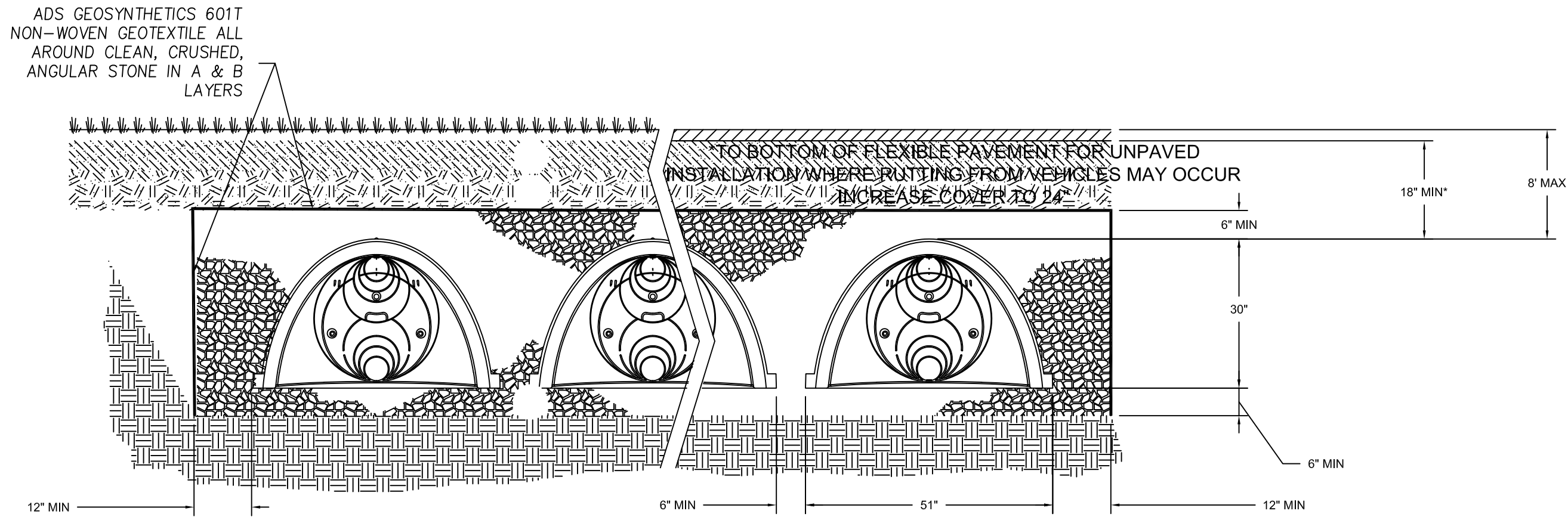
MEI MILLENNIUM ENGINEERING, INC. ENGINEERING AND LAND SURVEYING 62 ELM ST. SALISBURY, MA 01952 (978) 463-8980 13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528	
SCALE: 1"= AS NOTED	DESIG. BY: J.T.M.
DATE: MAY 24, 2021	CHKD. BY: E.W.B.
PROJECT: M193668	

SITE PLAN
IN
GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

CONSTRUCTION
DETAILS

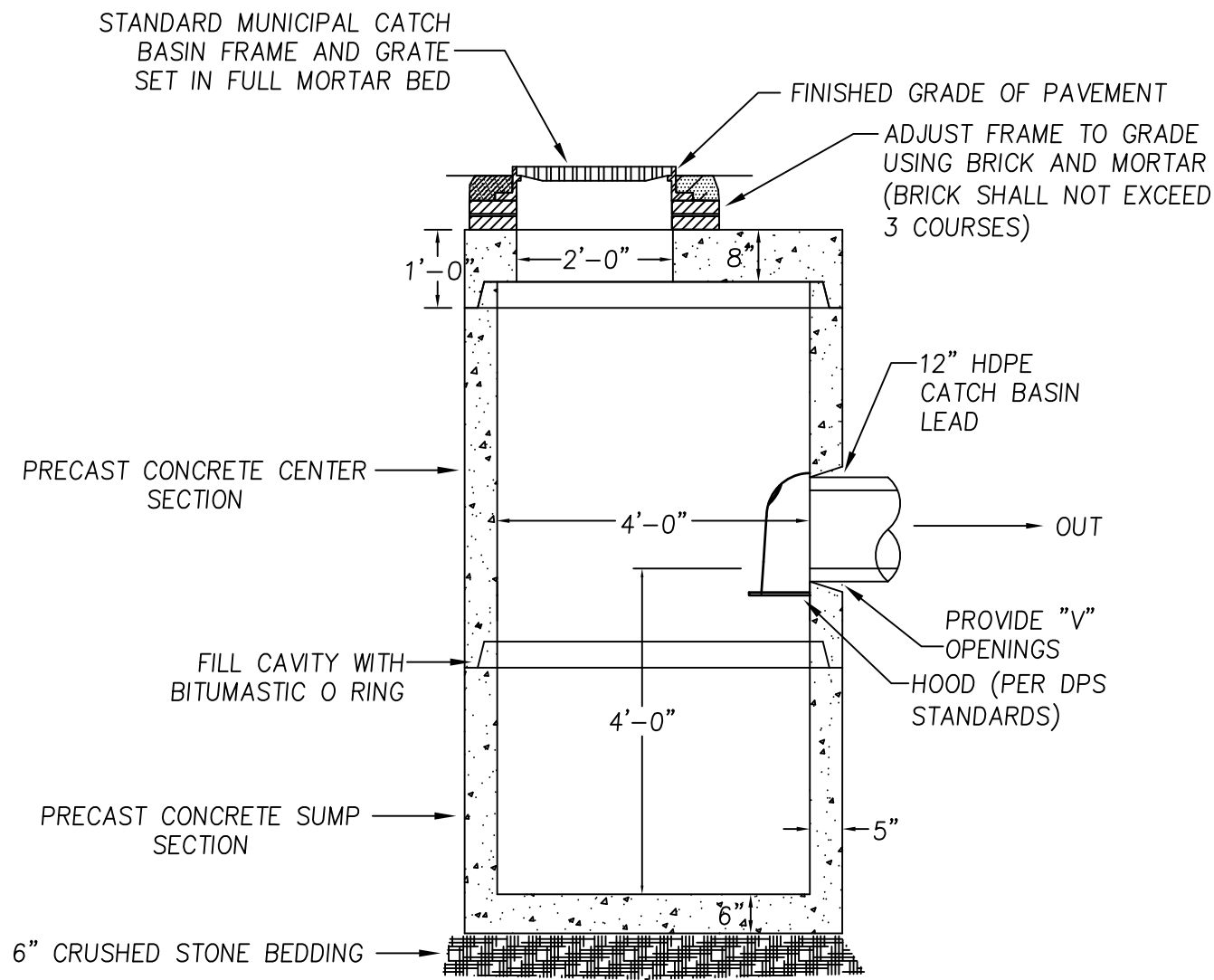
SHEET: 13 OF 17



INFILTRATION AREA	BOT. STONE ELEV.	BOT. CHAMVER ELEV.	TOP CHAMBER ELEV.	TOP STONE ELEV.	100-YR STORM ELEV.
INF. AREA 2	150.00	150.50	153.00	153.50	153.14

STORMTECH SC 740 INFILTRATION CHAMBER

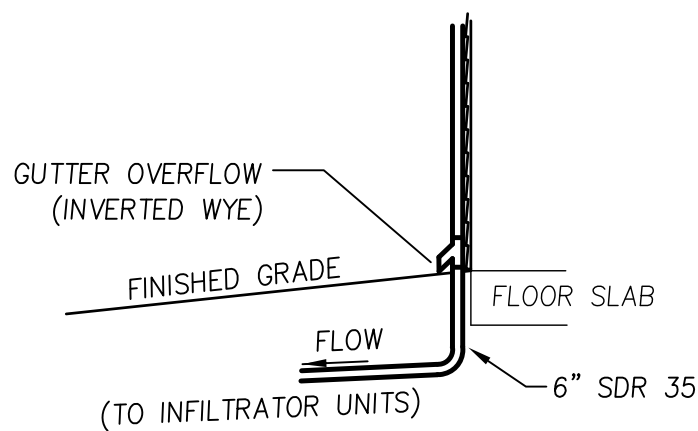
N.T.S.



- NOTES: 1) CATCH BASINS SHALL CONFORM TO ASTM C478 AND ASTM C185
2) FLAT TOP STRUCTURES SHALL BE PRECAST SECTIONS AND HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI REINFORCED FOR AASHTO H-20 LOADING.
3) CONICAL SECTIONS MAY BE SUBSTITUTED FOR FLAT-TOP STRUCTURES IN AREAS WHERE MORE THAN 4 FEET OF COVER IS PROVIDED FOR DRAIN PIPE.

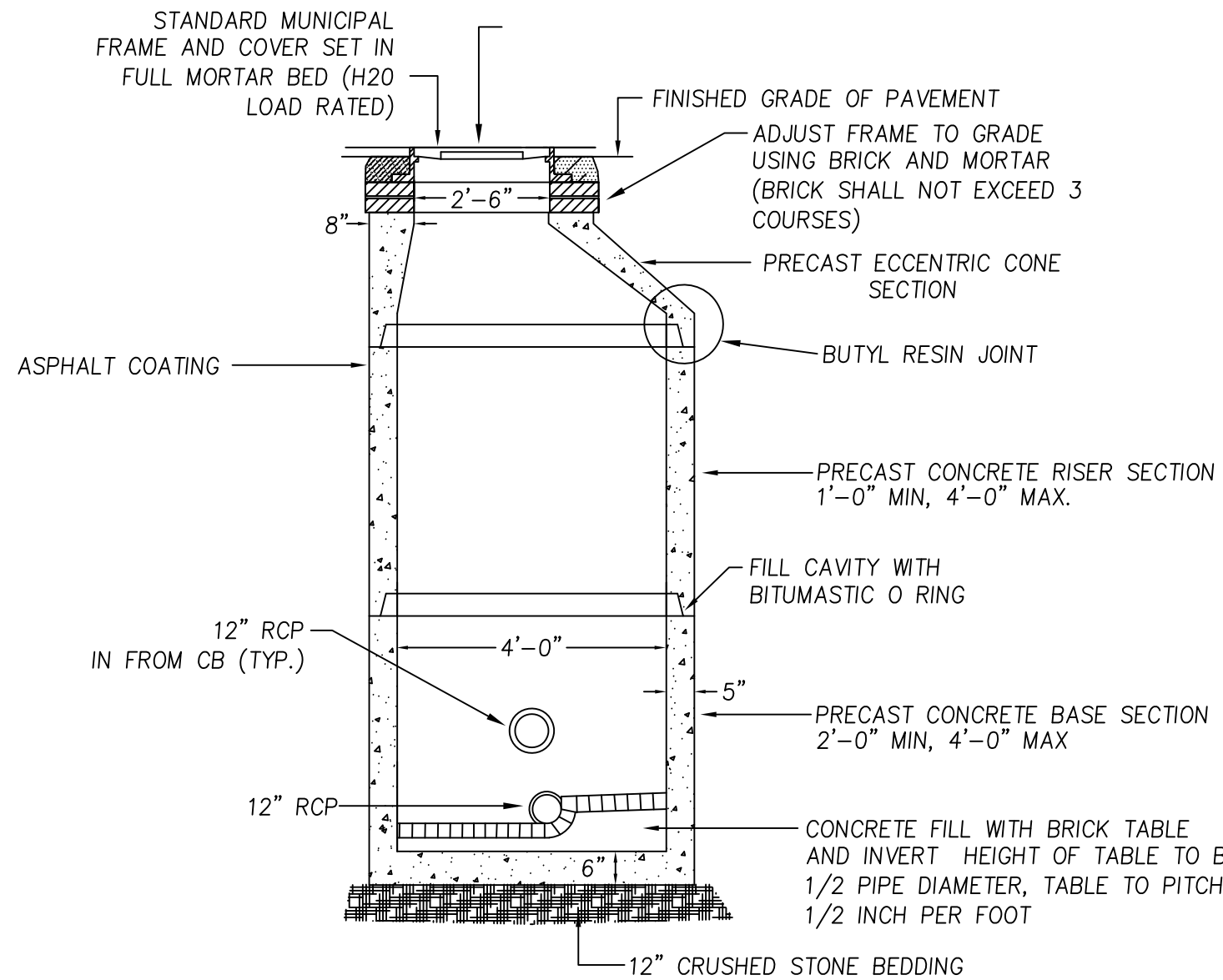
PRECAST CATCH BASIN DETAIL

N.T.S.



GUTTER DOWN SPOUT DETAIL

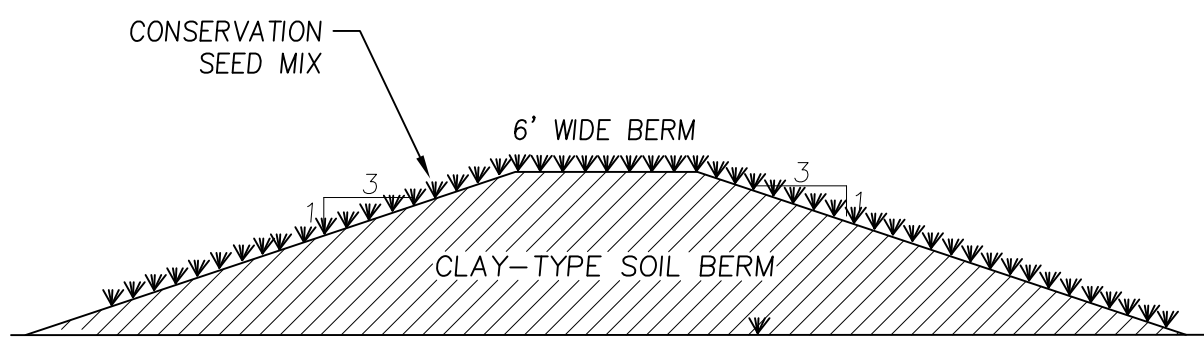
N.T.S.



- NOTES: 1) DRAIN MANHOLES SHALL CONFORM TO ASTM C478 AND ASTM C185
2) FLAT TOP STRUCTURES SHALL BE PRECAST SECTIONS AND HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI REINFORCED FOR AASHTO H-20 LOADING.
3) CONICAL SECTIONS MAY BE SUBSTITUTED FOR FLAT-TOP STRUCTURES IN AREAS WHERE MORE THAN 4 FEET OF COVER IS PROVIDED FOR DRAIN PIPE.

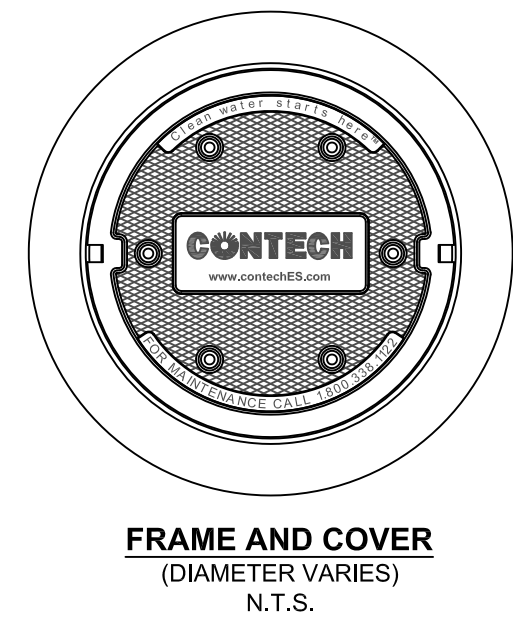
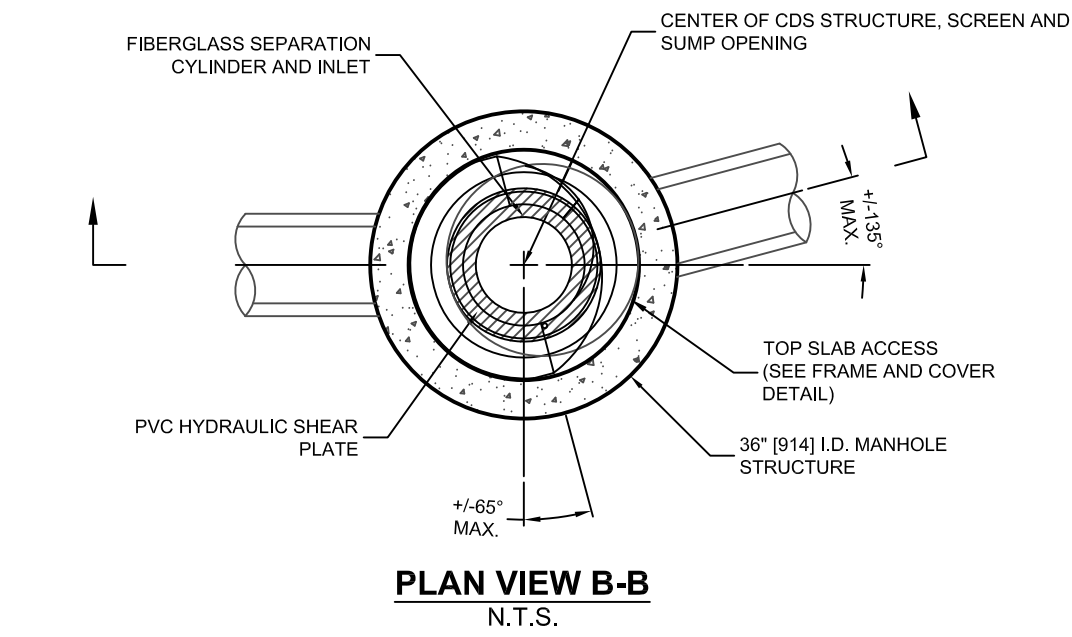
PRECAST DRAIN MANHOLE DETAIL

N.T.S.



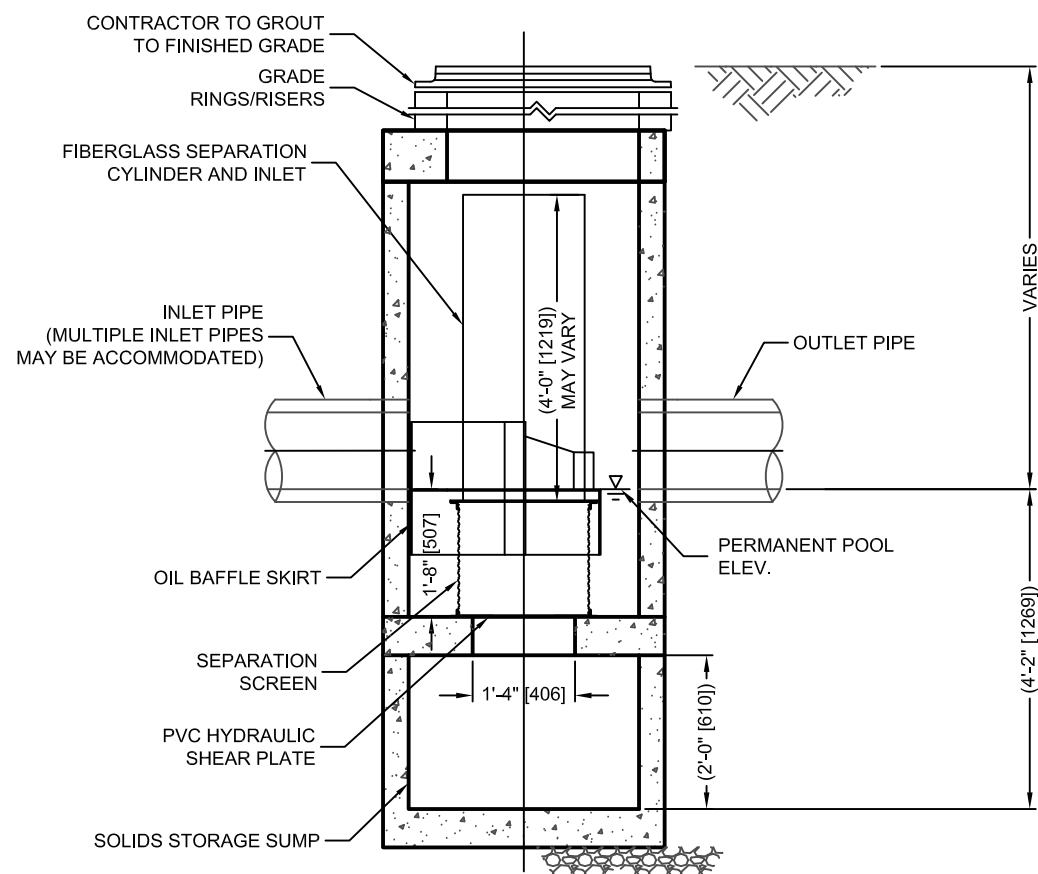
INFILTRATION BASIN BERM DETAIL

N.T.S.



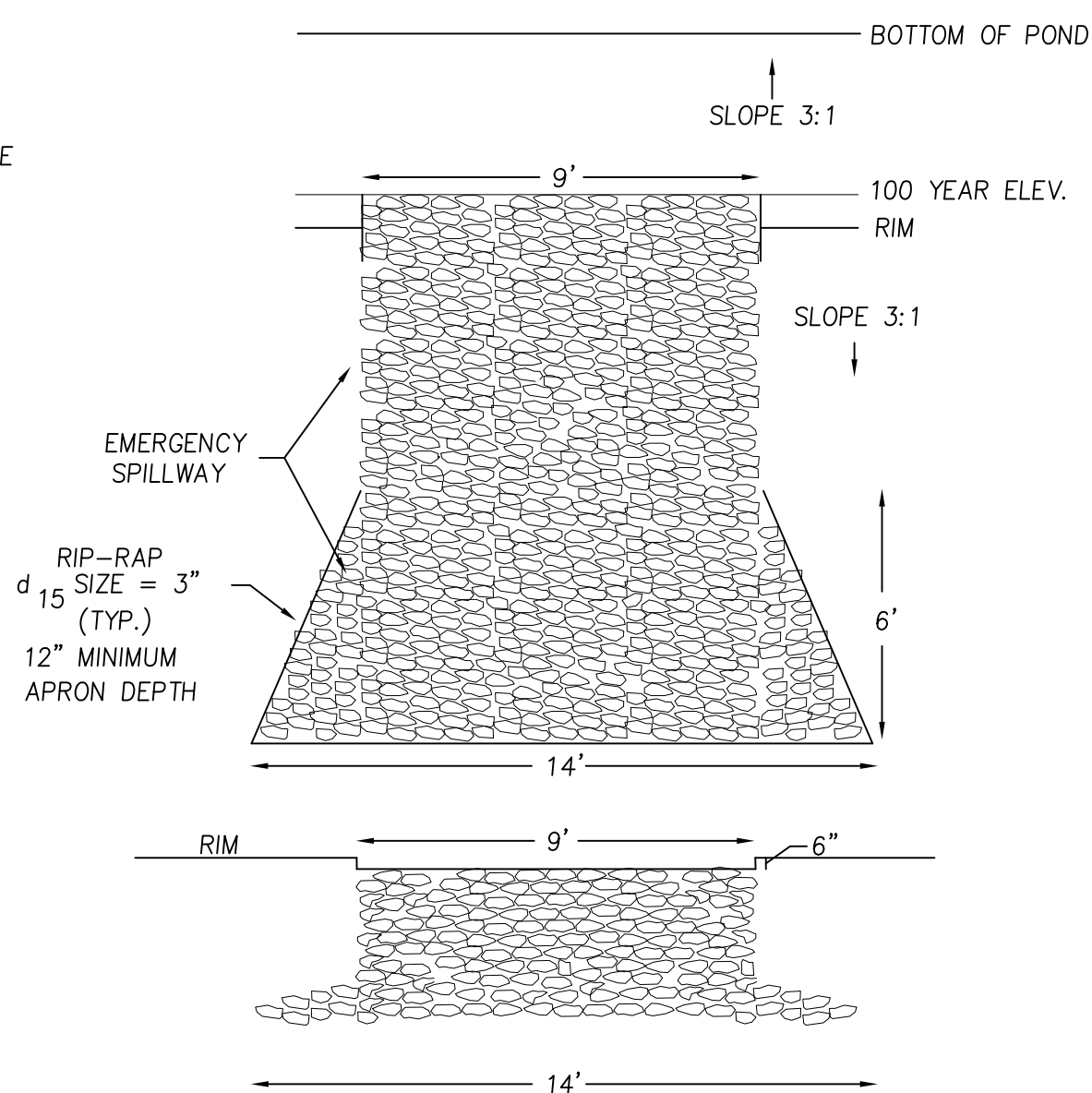
- GENERAL NOTES
- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE
 - FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE: www.conteches.com
 - CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
 - STRUCTURE SHALL MEET AASHTO H20 LOAD RATING, ASSUMING EARTH COVER OF 8'-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.
 - IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
 - CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 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 CDS MANHOLE STRUCTURE.
 - CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
 - CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
 - 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.



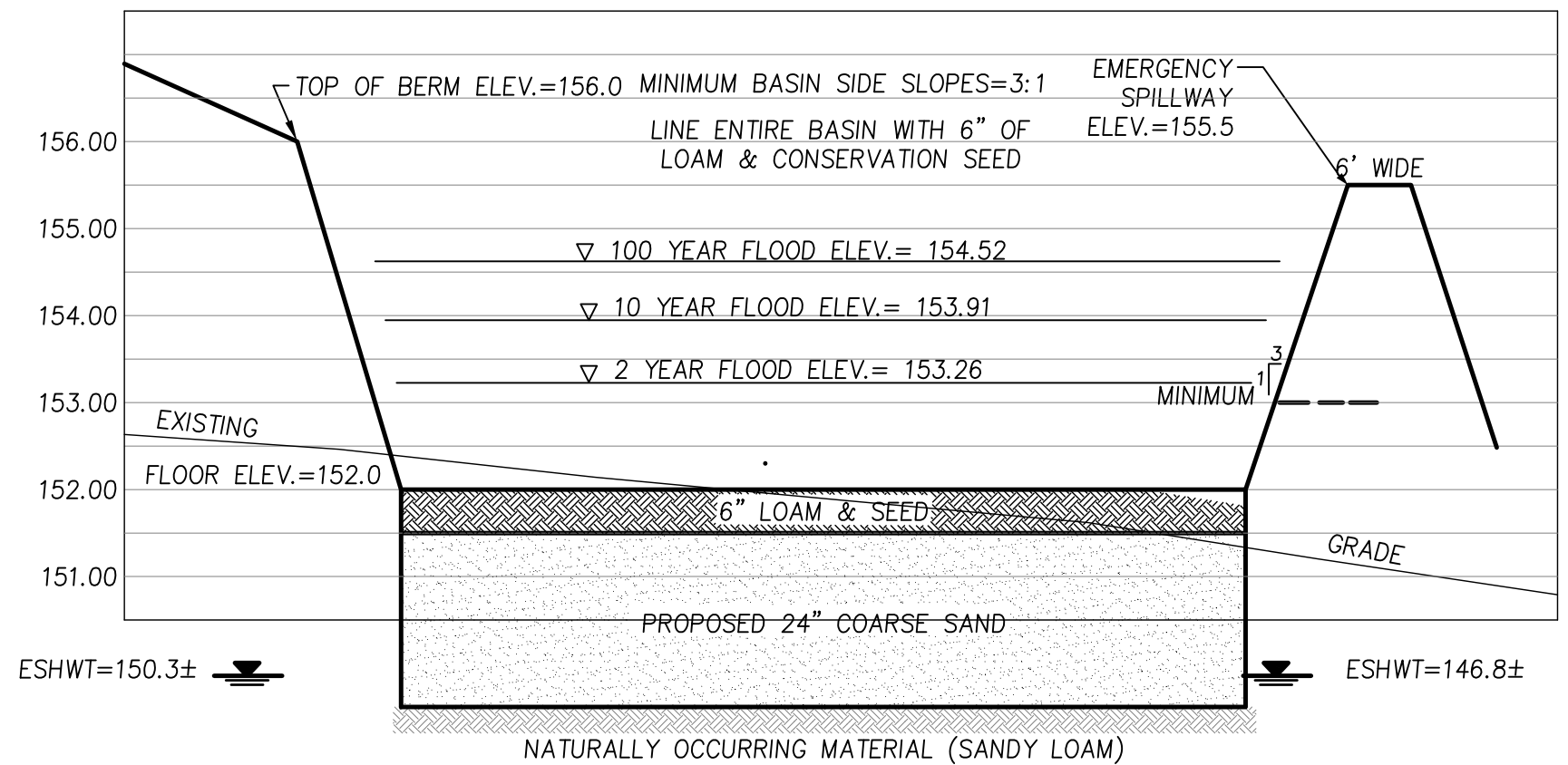
CONTECH CDS DETAIL

N.T.S.



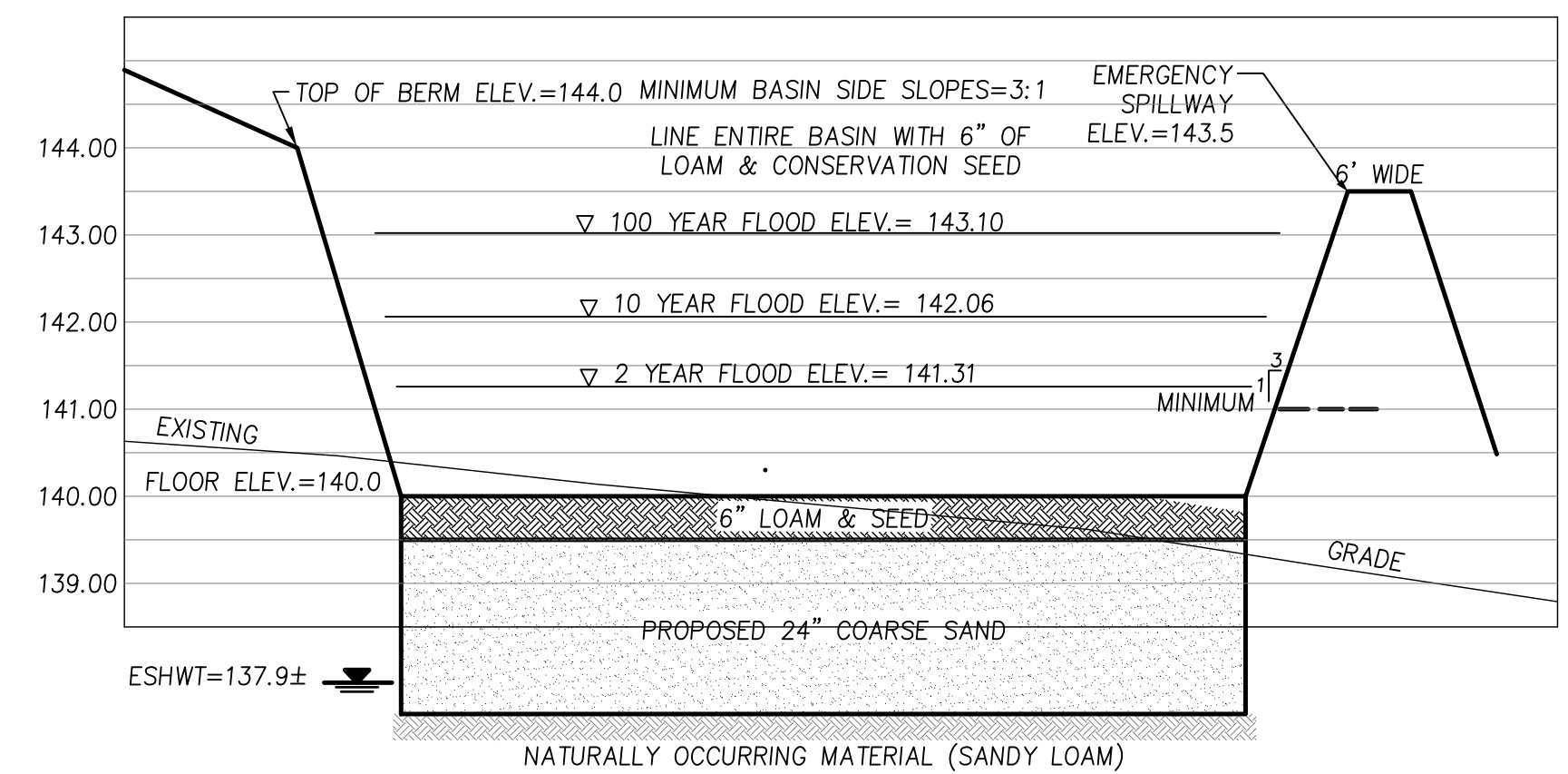
TYPICAL SPILLWAY PLAN VIEW

N.T.S.



INFILTRATION BASIN #1 TYP. CROSS-SECTION

HORIZ. SCALE: N.T.S.
VERT. SCALE: 1"=2'



INFILTRATION BASIN #2 TYP. CROSS-SECTION

HORIZ. SCALE: N.T.S.
VERT. SCALE: 1"=2'



PREPARED FOR
HUMBOLDTEAST, LLC
395 IPSWICH ROAD
BOXFORD, MA 01921

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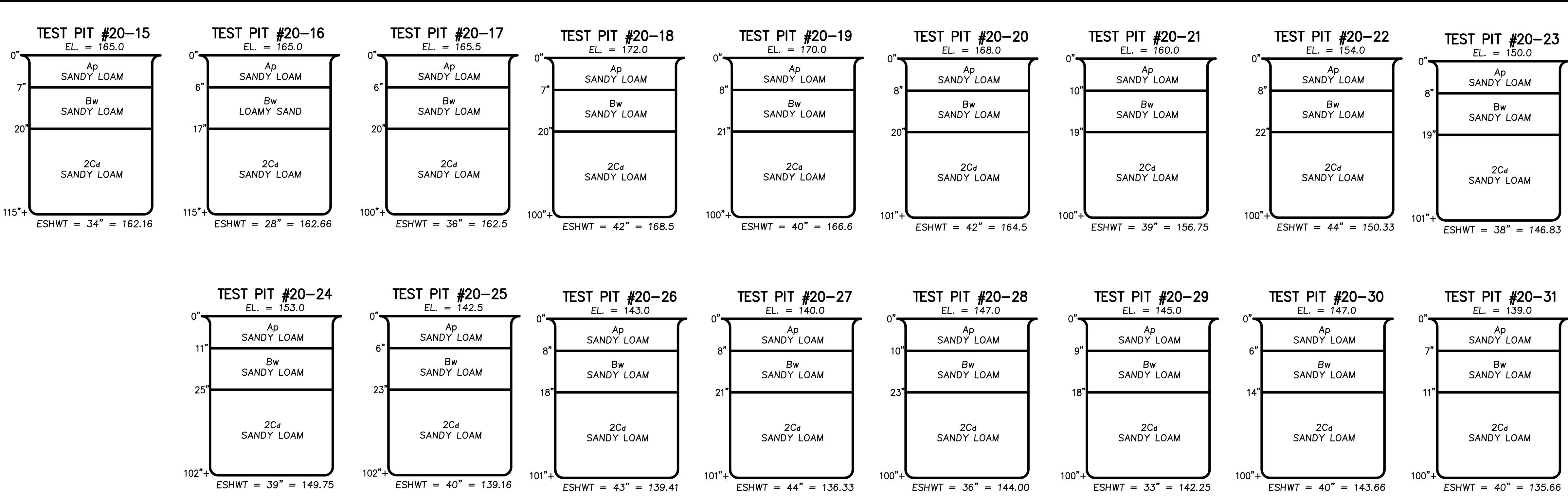
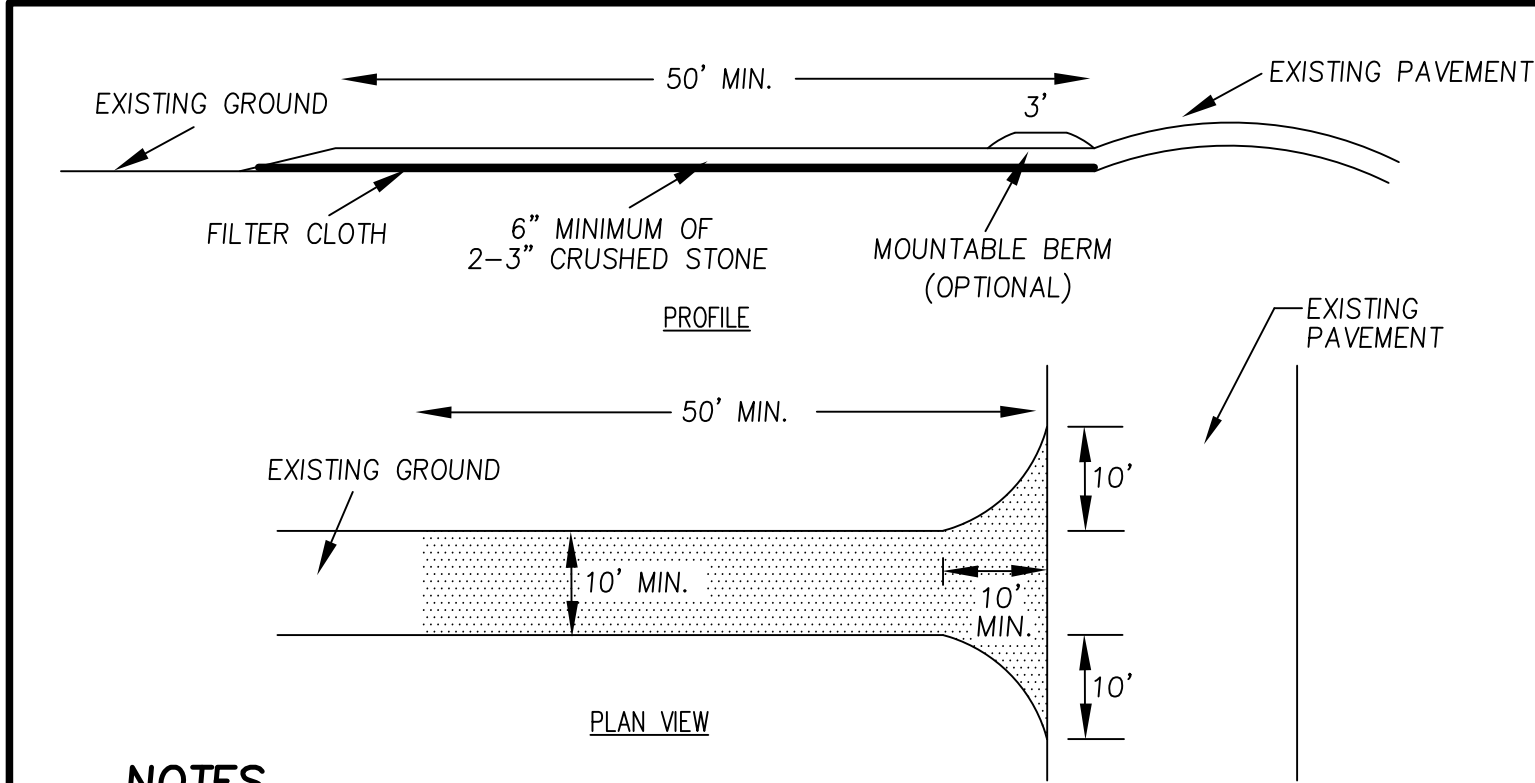
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SCALE: AS NOTED	DESIG. BY: J.T.M.
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PROJECT: M193651	

SITE PLAN
IN
GEORGETOWN, MA
PROPOSED SITE IMPROVEMENTS
AT
2 NORINO WAY
(MAP 15 - LOT 50H)

CONSTRUCTION
DETAILS

SHEET: 14 OF 17

SHEET: 15 OF 17



- NOTES**
- STONE SHALL BE 2-3" STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
 - THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50'.
 - THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6".
 - GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
 - ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP-DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED PROMPTLY.
 - WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

STABILIZED CONSTRUCTION

ENTRANCE

N.T.S.

GENERAL EROSION

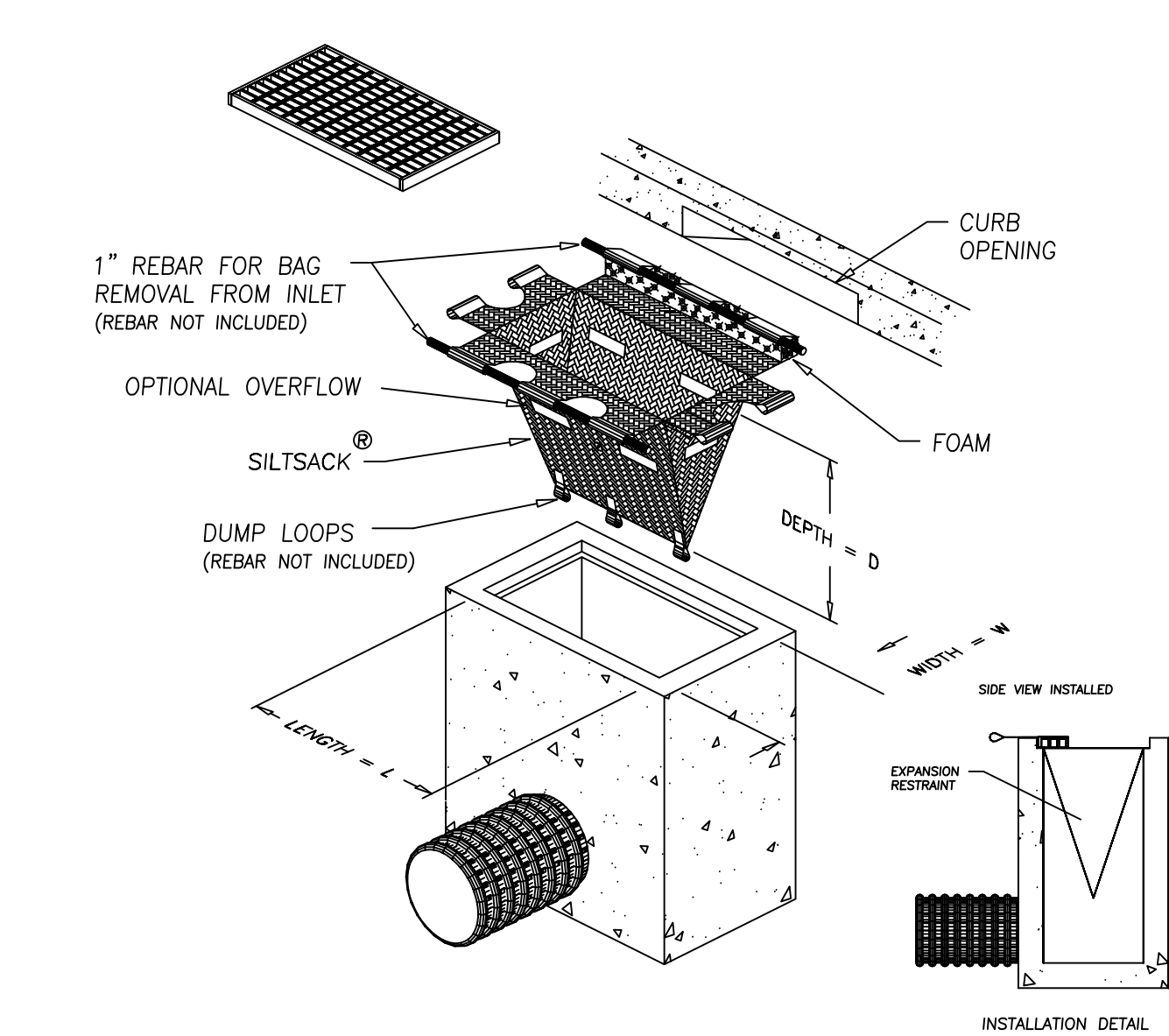
CONTROL NOTES

- ALL SILT FENCE SHALL BE INSTALLED BEFORE THE START OF CONSTRUCTION. SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT AND STABILIZATION OF ALL SOIL.
- ALL FILL SHALL BE FREE OF STUMPS AND LARGE STONES. LEDGE ENCOUNTERED ONSITE CAN BE GROUND UP TO A MAXIMUM 3" SIZE AND USED FOR FILL.
- ANY STANDING BODIES OF WATER CREATED DURING EXCAVATION SHALL BE ELIMINATED.
- EROSION CONTROL BARRIERS SHALL BE INSPECTED WEEKLY AND AFTER EVERY 0.5" OF RAINFALL AND PROMPTLY REPAIRED OR REPLACED AS NECESSARY.
- ACCUMULATED SEDIMENT DEPOSITS UPSTREAM OF BARRIERS SHALL BE PROPERLY DISPOSED OF ON A REGULAR BASIS.
- AREAS OUTSIDE THE LIMITS OF WORK (EROSION CONTROL/SILT FENCE LOCATIONS) DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION AND/OR SEDIMENT CONTROLS DURING CONSTRUCTION. HE/SHE SHALL INSPECT CONTROLS WEEKLY AND AFTER ALL STORM EVENTS. REPAIRS, IF REQUIRED, SHALL BE MADE IMMEDIATELY.
- TEMPORARY GROUND COVER SHALL BE ESTABLISHED IN AREAS OF CONSTRUCTION WHERE REQUIRED BY THE GEORGETOWN PLANNING BOARD AND CONSERVATION COMMISSION.
- ANY DISTURBED AREAS OF THE SITE NOT USED FOR ROADWAY OR UTILITY CONSTRUCTION SHALL BE STABILIZED WITH LOAM AND SEED UNTIL FURTHER DISTURBANCE IS REQUIRED FOR BUILDING CONSTRUCTION.
- AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED: BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED; A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- THE CONTRACTOR SHALL IDENTIFY TO THE TOWN HIS/HER TOPSOIL STOCKPILING OPERATIONS AND LOCATIONS.
- PROVIDE SILTSACK (OR APPROVED EQUAL) SEDIMENT FILTER AT ALL CATCH BASINS.
- A MINIMUM OF 6" OF LOAM SHALL BE INSTALLED ON ALL DISTURBED UNPAVED SURFACES.
- SEED MIX SHALL BE NO LESS THAN 4 LBS./1000 S.F. OF LAND AREA. SEED SHALL CONSIST OF A MAXIMUM OF 10% RYE GRASS AND A MINIMUM OF 90% PERMANENT BLUEGRASS AND/OR FESCUE. LIME SHALL BE APPLIED AT A RATE OF 2 TONS/ACRE.
- NO MORE THAN 6 ACRES SHALL BE DISTURBED AT ONE TIME. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

CONSTRUCTION

SEQUENCE

- INSTALL SILT FENCE AT LIMIT OF WORK & STAKE OUT INFILTRATION BASIN.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS DEPICTED.
- CLEAR AND GRUB DEBRIS TO THE LIMIT OF WORK AND DISPOSE OF PROPERLY.
- STRIP, SCREEN AND STOCKPILE TOPSOIL. TOPSOIL CAN BE TEMPORARILY STOCKPILED ON SITE PROVIDING THAT THE PERIMETER OF THE STOCKPILES ARE PROPERLY STAKED WITH SILT FENCE AT THE TOE OF SLOPE.
- ROUGH GRADE INFILTRATION BASIN.
- GRADE PAVEMENT TO TOP OF SUBGRADE ELEVATIONS. ALL ROADWAYS MUST BE STABILIZED IMMEDIATELY AFTER GRADING.
- BEGIN BUILDING CONSTRUCTION.
- INSTALL UTILITIES/DRAINAGE STRUCTURES.
- PLACE RIPRAP WHERE SHOWN ON PLANS. LOAM AND HYDROSEED SIDESLOPES AND ALL DISTURBED AREAS WITHIN 72 HOURS.
- SPREAD, SHAPE, AND COMPACT PAVEMENT SUBBASE AS PER TYPICAL PAVEMENT SECTION TO ATTAIN FINAL DESIGN ELEVATIONS.
- PERFORM BINDER COURSE PAVING.
- LOAM AND HYDROSEED ANY DISTURBED SURFACES ALONG EDGES OF PAVEMENT AS REQUIRED.
- PERFORM FINAL PAVING (TOP COURSE).
- REMOVE EROSION CONTROL.



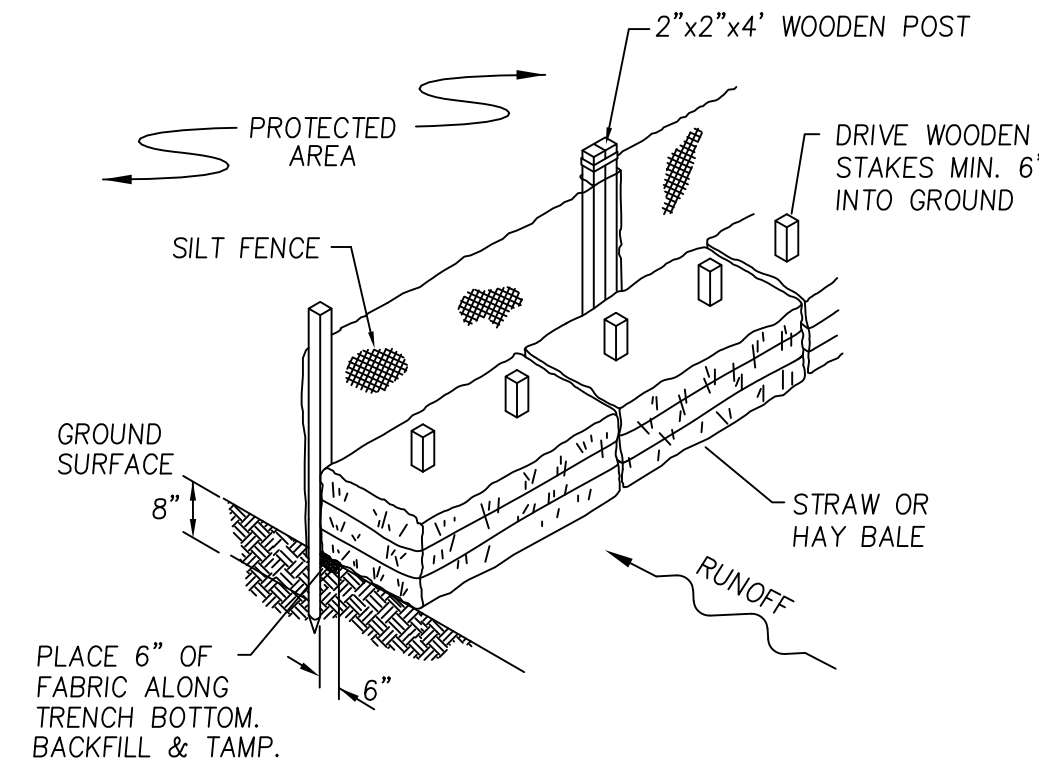
NOTES

- TO INSTALL SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
- WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK IS FULL AND SHOULD BE EMPTIED.
- TO REMOVE SILTSACK, TAKE TWO PIECES OF 1" DIAMETER REBAR AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE THE LIFTING OF SILTSACK.
- TO EMPTY SILTSACK, PLACE UNIT WHERE THE CONTENTS WILL BE COLLECTED. PLACE THE REBAR THROUGH THE LIFT STRAPS (CONNECTED TO THE BOTTOM OF THE SACK) AND LIFT. THIS WILL LIFT SILTSACK FROM THE BOTTOM AND EMPTY THE CONTENTS. CLEAN OUT AND RINSE. RETURN SILTSACK TO ITS ORIGINAL SHAPE AND PLACE BACK IN THE BASIN.
- SILTSACK IS REUSABLE. ONCE THE CONSTRUCTION CYCLE IS COMPLETE, REMOVE SILTSACK FROM THE BASIN AND CLEAN. SILTSACK SHOULD BE STORED OUT OF SUNLIGHT UNTIL NEXT USE.

SILT SACK

DETAIL

N.T.S.



NOTES

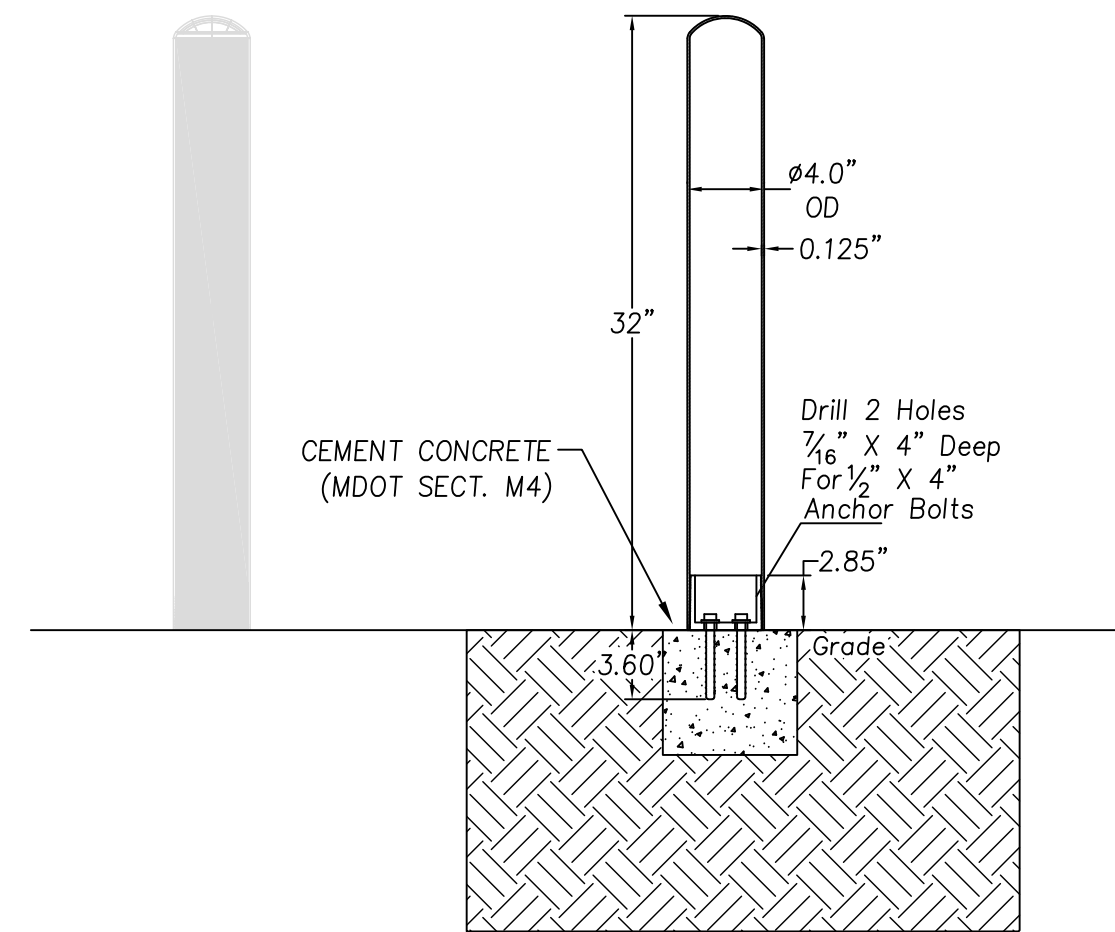
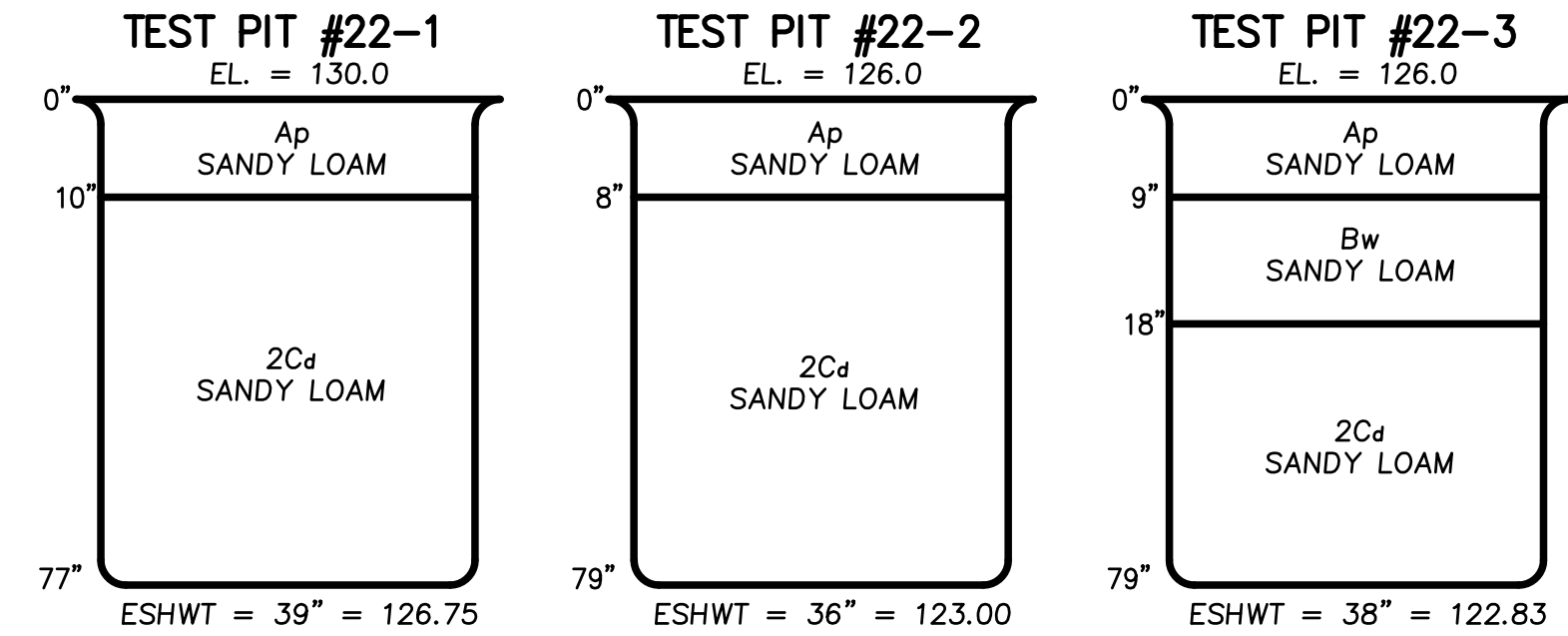
- POSTS SHALL BE DOUBLED AND COUPLED AT FILTER CLOTH SEAMS.
- FILTER CLOTH TO BE FASTENED SECURELY TO SUPPORT NETTING WITH TIES SPACED EVERY 24" AT TOP, MID SECTION, AND BOTTOM.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.

MAINTENANCE

- SILT FENCE SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE FABRIC ON THE SILT FENCE SHALL DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHALL BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE/ HAYBALE INSTALLATION

N.T.S.



BOLLARD

DETAIL

N.T.S.

SITE PLAN IN GEORGETOWN, MA

PROPOSED SITE IMPROVEMENTS

AT
2 NORINO WAY
(MAP 15 - LOT 50H)

CONSTRUCTION DETAILS

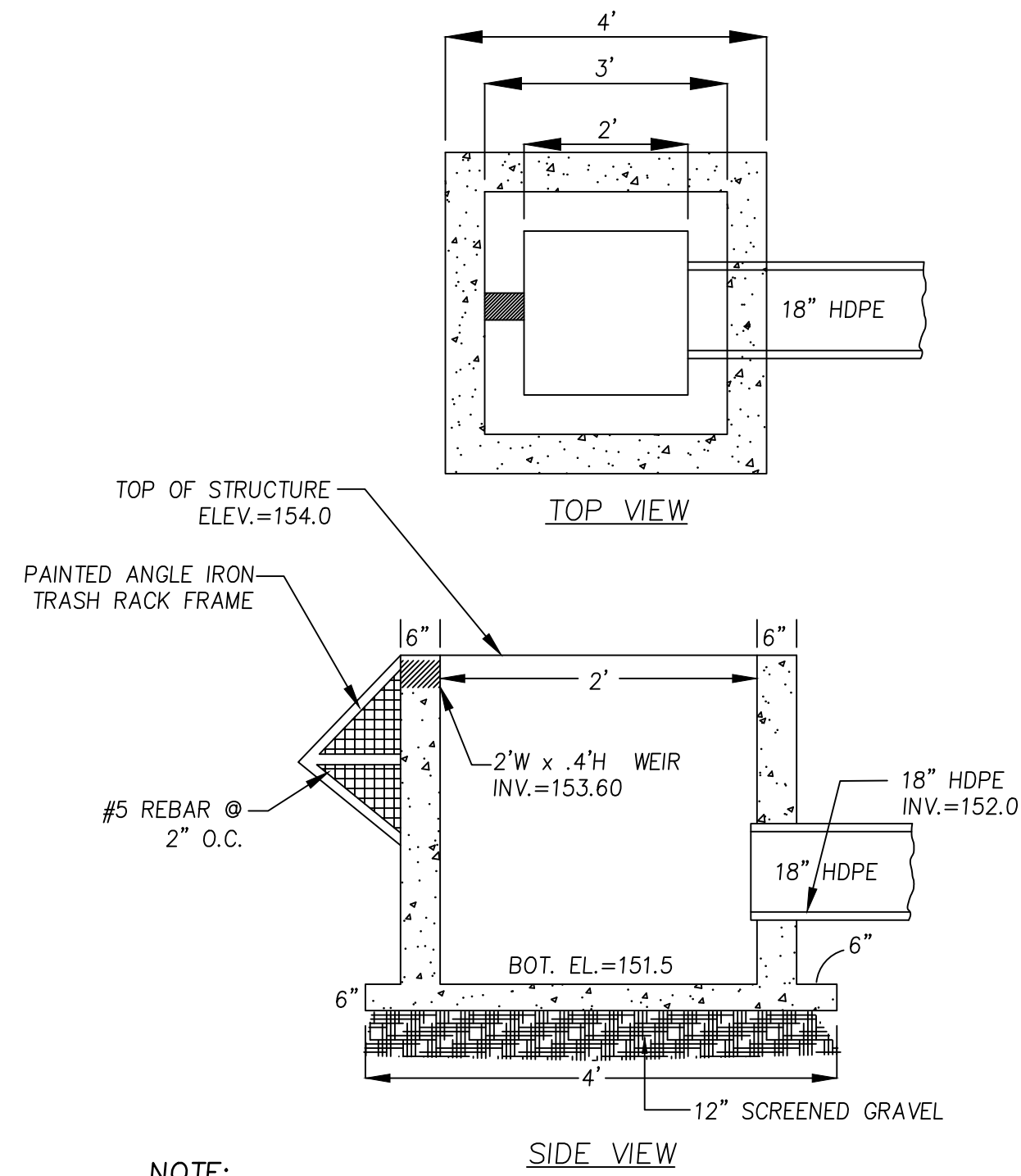
SHEET: 16 OF 17



PREPARED FOR
HUMBOLDTEAST, LLC
395 IPSWICH ROAD
BOXFORD, MA 01921

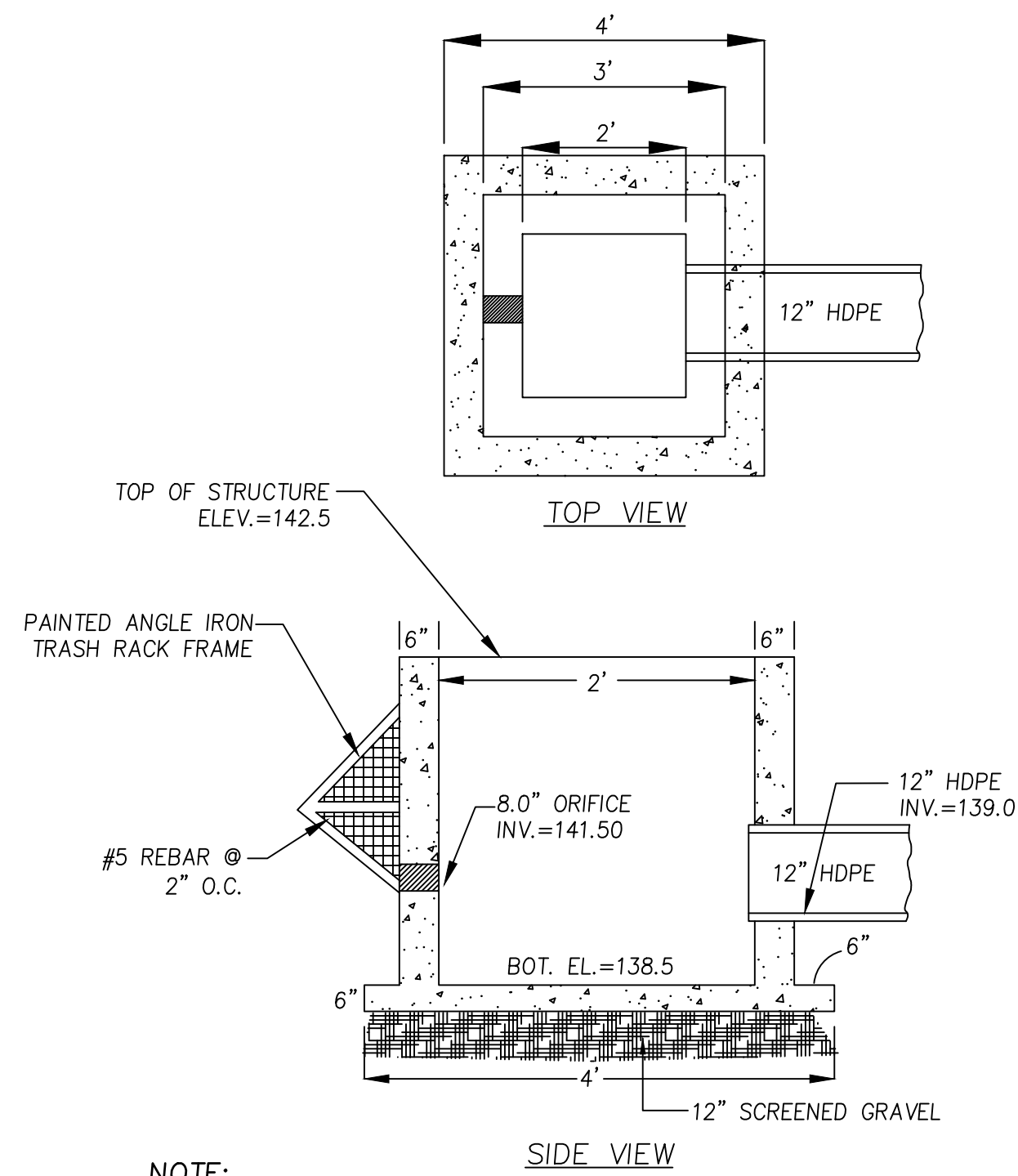
3	3/14/22	RESPONSE TO PEER REVIEW	J.T.M.	
2	1/11/22	RESPONSE TO PEER REVIEW	J.T.M.	
1	6/22/21	RESPONSE TO TOWN COMMENTS	J.T.M.	
NO.	DATE	DESCRIPTION	BY	

		MILLENNIUM ENGINEERING, INC. ENGINEERING AND LAND SURVEYING 62 ELM ST. SALISBURY, MA 01952 (978) 463-8980 13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528	
SCALE: AS NOTED		DESIG. BY: J.T.M.	
DATE: MAY 24, 2021		CHKD. BY: E.W.B.	
PROJECT: M193668			



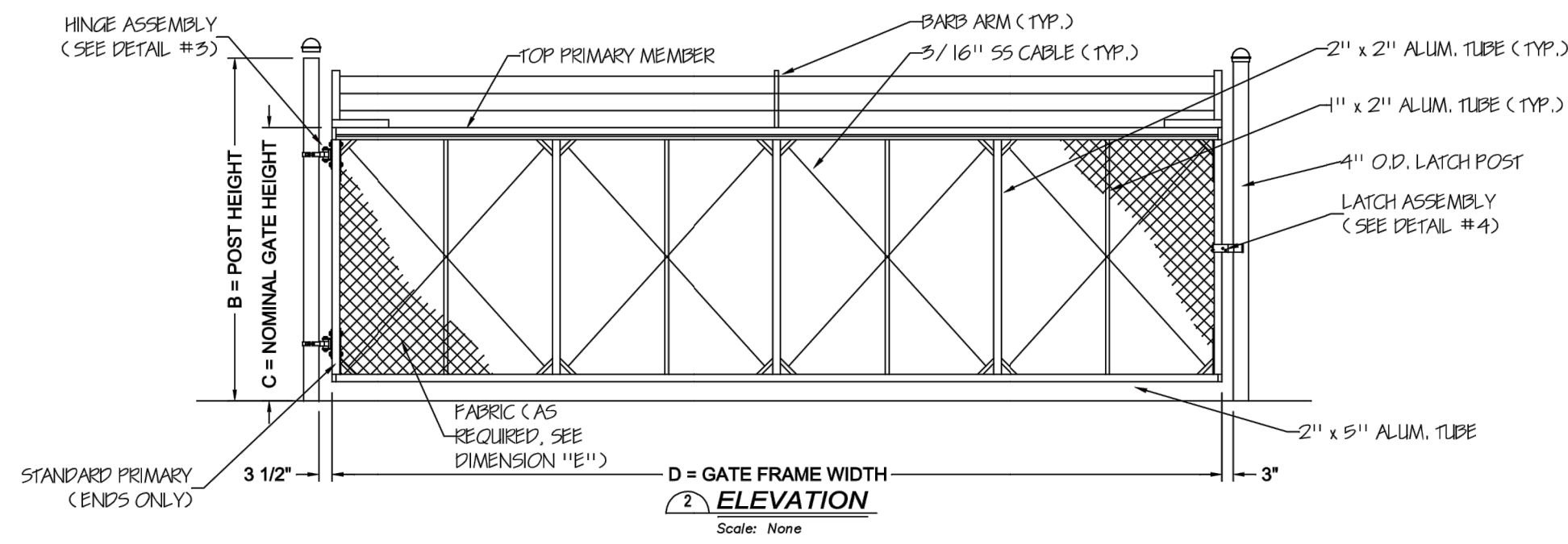
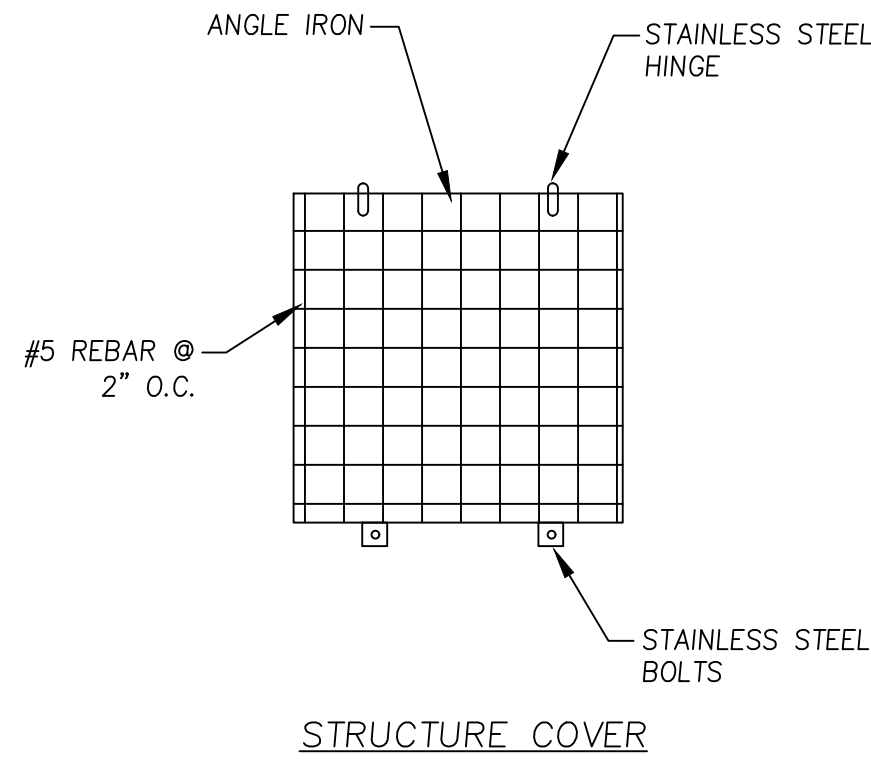
NOTE:
1. ANY EXPOSED REBAR SHALL BE COATED WITH A RUST-RESISTANT PAINT.

OUTLET STRUCTURE (BASIN 1)
DETAIL N.T.S.

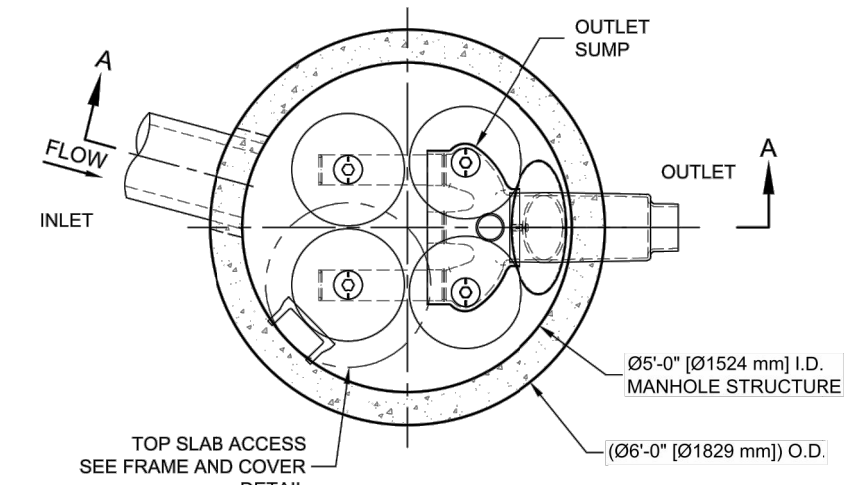


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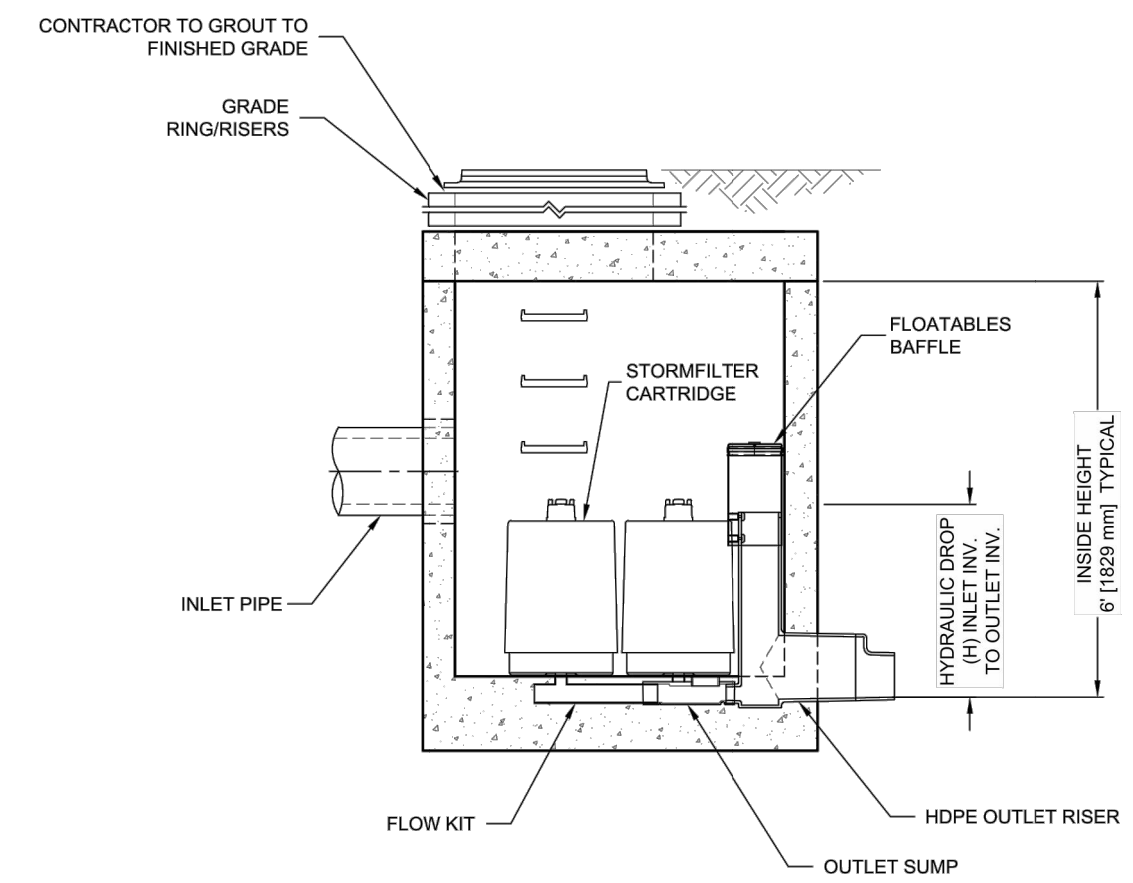
OUTLET STRUCTURE (BASIN 2)
DETAIL N.T.S.



GATE
DETAIL N.T.S.



PLAN VIEW
STANDARD OUTLET RISER
FLOWKIT: 41A



CONTECH STORMFILTER
DETAIL N.T.S.



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395 IPSWICH ROAD
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SITE PLAN
IN
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CONSTRUCTION
DETAILS