

# Definitive Subdivision Plan

# "Happy Acres"

## Southerly of South Bend Lane (A Portion of Parcel 54-6-0) East Longmeadow, MA

AS PREPARED FOR

Marlene Goldstein

43 South Bend Lane  
East Longmeadow, MA 01089

### SUBDIVISION REVIEW

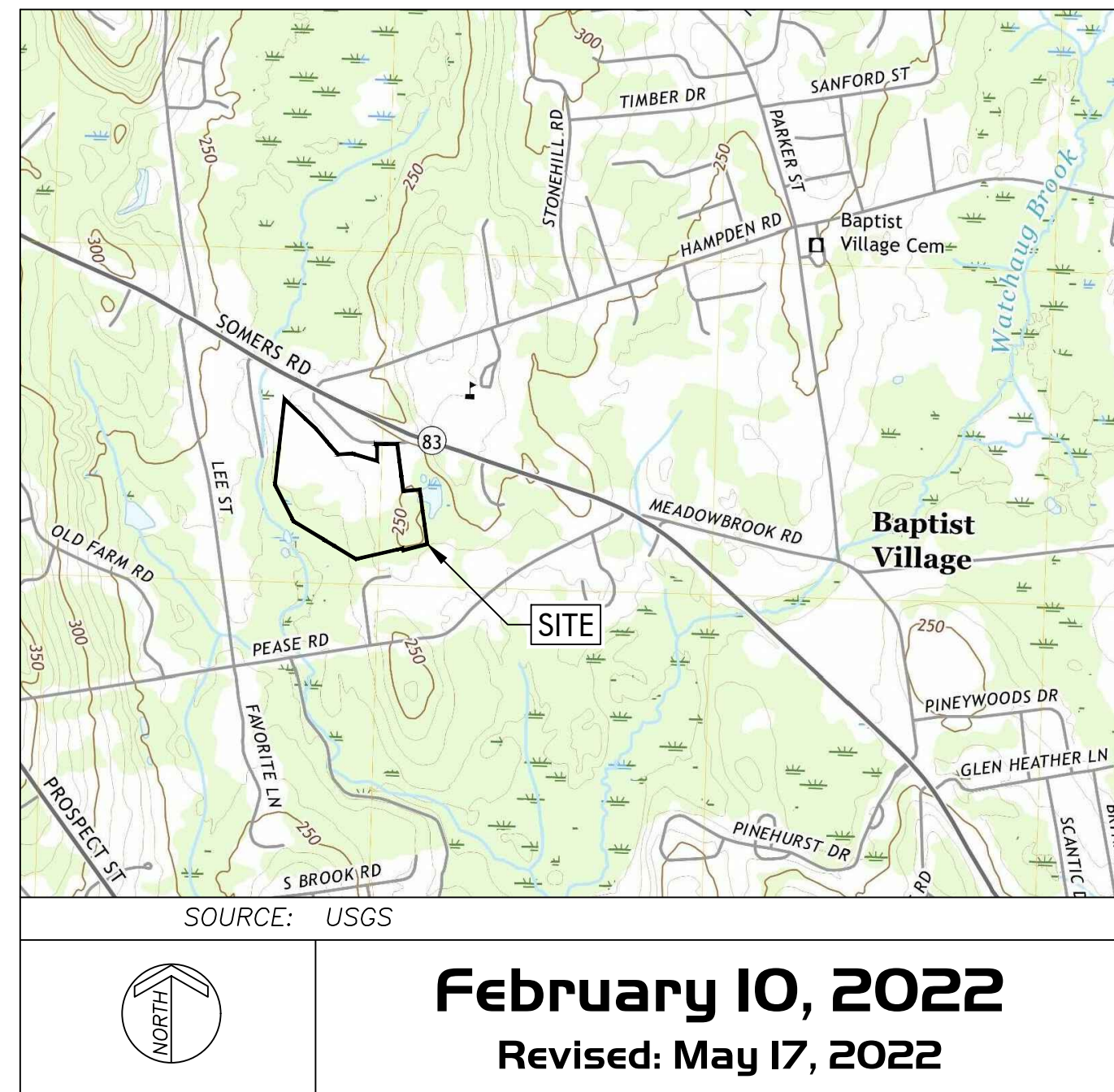
TYPE	MAXIMUM	PROPOSED
STREET LENGTH (HAPPY ACRES LANE)	1,300 FT *	950 FT
STREET LENGTH (FARMER CIRCLE)	1,300 FT *	1,230 FT
NUMBER OF LOTS	-	23

\* Per Preliminary Subdivision Approval dated March 26, 2021 "Cul-de-sac streets shall not be longer than 1,300 feet in length as determined by the Planning Board". Proposed lengths measured from the property line at South Bend Lane to the end of the right-of-way.

### ZONING REVIEW - RESIDENCE A (RES-A)

TYPE	REQUIRED
AREA	25,000 FT²
FRONTAGE	140 FT*
FRONT YARD	50 FT
SIDE YARD	20 FT
REAR YARD	50 FT
HEIGHT (MAX)	35 FT
LOT COVERAGE (MAX)	25%

\* On the turning radius of a cul-de-sac, lot frontage may be considered as the distance between side lot lines measured at the setback line, provided that the distance measured on the street line shall be at least 75 percent of the minimum frontage required for the zone in which the lot is situated.

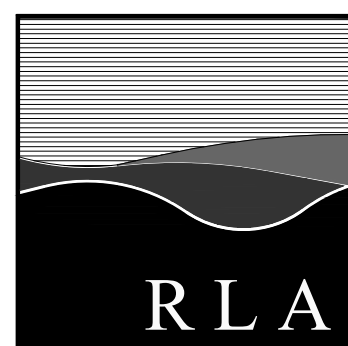


February 10, 2022  
Revised: May 17, 2022

### DRAWING INDEX

SHEET NO.	SHEET NAME	ISSUE DATE	REVISION DATE
T-1	TITLE SHEET	2/10/22	5/17/22
EX-1	EXISTING CONDITIONS PLAN	2/10/22	
P-1	DEFINITIVE SUBDIVISION PLAN	2/10/22	5/17/22
C-1	NOTES, SYMBOLS & LINE LEGEND AND ABBREVIATIONS	2/10/22	
C-2	CONSTRUCTION NOTES	2/10/22	
C-3	GRADING, EROSION & SEDIMENTATION CONTROL PLAN	2/10/22	5/17/22
C-4	PLAN & PROFILE - Happy Acres Lane - Sta -0+50 to Sta 10+00	2/10/22	5/17/22
C-5	PLAN & PROFILE - Farmer Circle - Sta -0+60 to Sta 9+50	2/10/22	5/17/22
C-6	PLAN & PROFILE - Utility Easement - Sta 0+00 to Sta 4+00	2/10/22	5/17/22
C-7	INFILTRATION BASIN #1	2/10/22	5/17/22
C-8	INFILTRATION BASIN #2	2/10/22	5/17/22
D-1	DETAILS	2/10/22	5/17/22
D-2	DETAILS	2/10/22	
D-3	DETAILS	2/10/22	5/17/22
D-4	DETAILS	2/10/22	
D-5	DETAILS	5/17/22	

BY



**R LEVESQUE ASSOCIATES INC**  
A LAND PLANNING SERVICES COMPANY

40 School Street · Westfield, MA · 01085  
ph 413.568.0985 · fax 413.568.0986  
www.rland.com

East Longmeadow Planning Board	
Action Taken	Date
Application Filed	
Preliminary Plan Filed	
Definitive Plan Filed	
Public Hearing	
Approval of Board of Health	
Plan Approved	
Plan Endorsed	
Names of Planning Board Members	

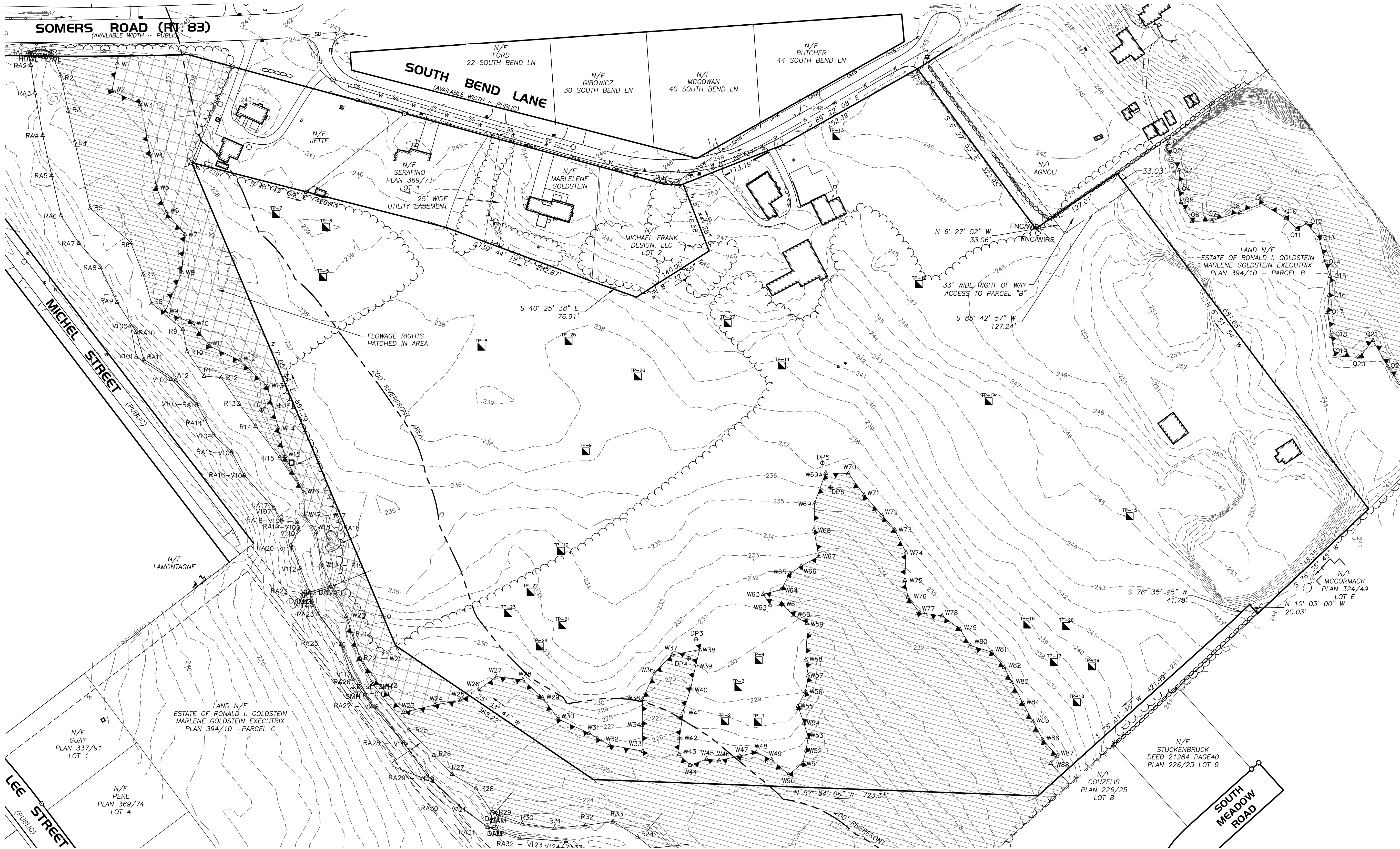
RLA Project Number: 200812

**PERMITTING**  
NOT FOR CONSTRUCTION



NOTES

1. THE RECORD OWNER OF THE SUBJECT PARCEL IS MARLENE GOLDSTEIN. SEE HAMPDEN COUNTY REGISTRY OF DEEDS BOOK 23627 PAGE 447.
2. THE PROPERTY LINES SHOWN HEREON ARE BASED UPON A PLAN TITLED, "PLAN OF LAND IN EAST LONGMEADOW SURVEYED AND MAPPED FOR MARLENE GOLDSTEIN" PREPARED BY SMITH ASSOCIATES SURVEYORS, INC. DATED 11-09-2021. SEE HAMPDEN COUNTY REGISTRY OF DEEDS BOOK OF PLANS 394 PAGE 10.
3. THIS PLAN HAS BEEN PREPARED FOR PLANNING PURPOSES AND SHALL BE USED FOR THE CONVEYANCE OF LAND OR FOR ANY OTHER USE.
4. THE SUBJECT PROPERTIES SHOWN HEREON MAY BE SUBJECT TO RIGHTS AND EASEMENTS AS CONTAINED IN THE VARIOUS DEEDS OF RECORD DESCRIBING SAID PROPERTIES. THE LOCATION AND EXTENT OF ANY SUCH RIGHTS AND EASEMENTS IS NOT THE SUBJECT OF THIS PLAN.
5. WETLANDS AND M.A.H.W. DELINEATED BY HEATHER COMEE WETLAND CONSULTANT.



WE HAVE CONFORMED WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS IN PREPARING THIS PLAN

PROFESSIONAL LAND SURVEYOR



I hereby certify that no notice of appeal was received during the twenty (20) days next after receipt and recording of notice from the planning board of the approval of this plan

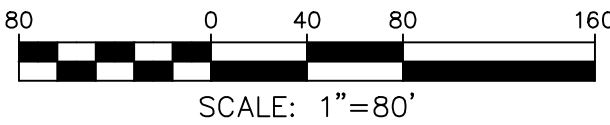
Town Clerk - East Longmeadow Date

Revisions			East Longmeadow Planning Board		
No.	Date	Description	Names of Planning Board Members	Action Taken	Date
				Preliminary Plan Filed	
				Definitive Plan Filed	
				Public Hearing	
				Approval of Board of Health	
				Plan Approved	
				Plan Endorsed	

ALL OF THE LOTS ON THIS PLAN ARE SUBJECT TO A COVENANT IN LIEU OF BOND UNDER M.G.L., CHAPTER 41, SECTION 81-U. SEE HAMPDEN COUNTY REGISTRY OF DEEDS BOOK PAGE

SYMBOL LEGEND

- IRON PIPE FOUND
- IRON PIPE TO BE SET
- ◻ CONCRETE BOUND FOUND
- CONCRETE BOUND TO BE SET
- ▲ CALCULATED POINT



EXISTING CONDITIONS PLAN

43 South Bend Lane · East Longmeadow, MA

Owner  
MARLENE GOLDSTEIN  
35 South Bend Lane · East Longmeadow, MA

DATE: 02-10-2022

SCALE: 1" = 80'

SMITH ASSOCIATES  
SURVEYORS, INC.

46 B BALDWIN STREET · EAST LONGMEADOW, MA 01028 · P: (413) 525-8801 F: (413) 525-8841  
SMITHASSOCIATESURVEYORS@HOTMAIL.COM WWW.SMITHASSOCIATESURVEYORS.COM

EX-1

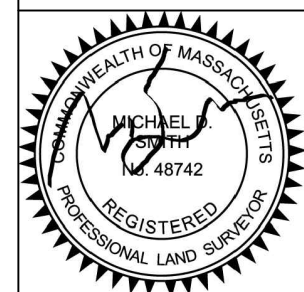




- NOTES**
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  5. WETLANDS AND M.A.H.W. DELINEATED BY HEATHER COMEE WETLAND CONSULTANT.

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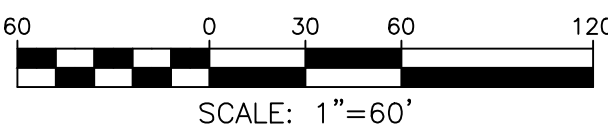
PROFESSIONAL LAND SURVEYOR



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				Public Hearing	
				Approval of Board of Health	
				Plan Approved	
				Plan Endorsed	
A	5/17/22	Planning & DPW review comments			

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- SYMBOL LEGEND**
- IRON PIPE FOUND
  - IRON PIPE TO BE SET
  - CONCRETE BOUND FOUND
  - CONCRETE BOUND TO BE SET
  - ▲ CALCULATED POINT



DATE: 02-10-2022 SCALE: 1" = 60'

**SMITH ASSOCIATES SURVEYORS, INC.**

46 B BALDWIN STREET - EAST LONGMEADOW, MA 01028 - P:(413) 525-8801 F: (413) 525-8841  
SMITHASSOCIATESSURVEYORS@HOTMAIL.COM WWW.SMITHASSOCIATESSURVEYORS.COM


















































**Owner**  
ESTATE OF  
RONALD I. GOLDSTEIN  
MARLENE GOLDSTEIN  
EXECUTRIX

**Definitive Subdivision Plan**  
"HAPPY ACRES"  
Happy Acres Lane & Farmer Circle  
East Longmeadow, MA

**Surveyed and Mapped for**  
MARLENE GOLDSTEIN  
35 South Bend Lane - East Longmeadow, MA



SYMBOL & LINE LEGEND

	IRON PIPE FOUND
	IRON PIPE TO BE SET
	CONCRETE BOUND FOUND
	CONCRETE BOUND TO BE SET
	COMPUTED POINT
	EXISTING SIGN
	EXISTING MAILBOX
 MW	EXISTING MONITORING WELL
	EXISTING LIGHT POLE
	UTILITY POLE
	GUY ANCHOR
	EXISTING ELECTRIC MANHOLE
	EXISTING TELEPHONE MANHOLE
	EXISTING CABLE TV BOX
	EXISTING WELL LOCATION
	EXISTING WATER VALVE
	EXISTING WATER SHUT-OFF
	EXISTING HYDRANT
	PROPOSED WATER VALVE
	PROPOSED HYDRANT
	EXISTING GAS VALVE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING CATCH BASIN
	EXISTING DRAIN MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED MANHOLE
 SB-1	SOIL BORING LOCATION
 TP-1	TEST PIT LOCATION
 P-1	PERC TEST LOCATION
 WF-1	WETLAND FLAG LOCATION
 R-1	M.A.H.W. FLAG LOCATION
	EXISTING STONE WALL
	TREE LINE
 x 102.4	EXISTING SPOT GRADE
 x 219	EXISTING CONTOUR
 x 94.7	PROPOSED SPOT GRADE
 214	PROPOSED CONTOUR
	EDGE OF WETLAND
	FENCE LINE
	GUARDRAIL
 OHW	EXISTING OVERHEAD WIRES
 UEL	EXISTING UNDERGROUND ELECTRIC
 TEL	EXISTING TELEPHONE LINE
 G	EXISTING GAS LINE
 W	EXISTING WATER LINE
 SD	EXISTING STORM DRAIN
 SS	EXISTING SANITARY SEWER
 LOW	LIMIT OF WORK LINE
 SF	SILT FENCE LINE

## ABBREVIATIONS

A.F.F. — ABOVE FINISHED FLOOR  
A.F.S. — ABOVE FINISHED SLAB  
APPROX. — APPROXIMATE  
A.T.F. — ABOVE TOP OF FOUNDATION  
BLDG. — BUILDING  
BLK. — BLOCK  
BOT. — BOTTOM  
B.O.W. — BOTTOM OF WALL  
BRG. — BEARING  
CB. — CATCH BASIN  
CL — CENTERLINE  
C.I. — CAST IRON  
CLR. — CLEAR  
CONC. — CONCRETE  
CONT. — CONTINUOUS  
CONTR. — CONTRACTOR  
DBL. — DOUBLE  
DET. — DETAIL  
D.I. — DUCTILE IRON  
DIA. — DIAMETER  
DIM. — DIMENSION  
DT'L. — DETAIL  
DWG. — DRAWING  
EA. — EACH  
ELEC. — ELECTRIC  
ELEV. — ELEVATION  
EXIST. — EXISTING  
EXT. — EXTERIOR  
FFE — FINISH FLOOR ELEVATION  
FIN. — FINISH  
FLR. — FLOOR  
FOUND. — FOUNDATION  
FT. — FOOT OR FEET  
INSTL. — INSTALLED  
LT. — LIGHT  
MAX. — MAXIMUM  
M.A.A.H.W. — MEAN ANNUAL HIGH WATER  
MH. — MANHOLE  
MIN. — MINIMUM  
MISC. — MISCELLANEOUS  
N.T.S. — NOT TO SCALE  
O.A. — OVERALL  
O.C. — ON CENTER  
PCB — PROPOSED CATCH BASIN  
PDMH — PROPOSED DRAIN MANHOLE  
PFES — PROP. FLARED END SECTION  
POCS — PROP. OUTLET CONTROL STRUCT.  
PROP. — PROPOSED  
PSMH — PROP. SANITARY SEWER MANHOLE  
PWQU — PROP. WATER QUALITY UNIT  
P.S.I. — POUNDS PER SQUARE INCH  
REINF. — REINFORCING  
R.H. — RIGHT HAND  
SHT. — SHEET  
SPEC. — SPECIAL OR SPECIFICATIONS  
SQ. — SQUARE  
ST. — STEEL  
STA. — STATION  
T.O.F. — TOP OF FOUNDATION  
T.O.W. — TOP OF WALL  
T.S. — TOP OF STEEL  
TYP. — TYPICAL  
W/ — WITH  
WTR. — WATER  
W.W.M. — WELDED WIRE MESH

EROSION & SEDIMENT CONTROL NOTES

## MANAGEMENT STRATEGIES

1. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO THE CONSTRUCTION ENTRANCE.
2. CONSTRUCTION SEQUENCE SHALL BE PHASED TO AVOID LEAVING LARGE AREAS EXPOSED FOR LONG PERIODS OF TIME.
3. TEMPORARY SEED AND MULCH SHALL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING.
4. SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED CONTINUOUSLY, ESPECIALLY FOLLOWING STORM EVENTS TO LOCATE FAILING CONTROL MEASURES AND CONDUCT ROUTINE MAINTENANCE OPERATIONS.
5. THE CONSTRUCTION SUPERINTENDENT SHALL INFORM ALL ON-SITE WORKERS OF THE SEDIMENTATION CONTROL PROGRAM.

## VEGETATIVE CONTROL PRACTICES

1. TOPSOIL STOCKPILING: TOPSOIL SHALL BE STRIPPED FROM AREAS TO BE DISTURBED AND STOCKPILED FOR LATER USE. STOCKPILE LOCATION SHALL BE APPROVED BY THE OWNER AND ENGINEER AND BE WITHIN LIMIT OF WORK.
  2. TEMPORARY SEEDING: THE TEMPORARY SEDIMENT BASIN, TOPSOIL STOCKPILE AND ROUGH GRADED AREAS SHALL BE SEEDDED WITH WINTER RYE AT A RATE OF 30 LBS. PER ACRE ANY SOILS THAT ARE LEFT EXPOSED AND UNDISTURBED FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDDED.
- A. SITE PREPARATION
- COMPLETE ALL ROUGH GRADING ACTIVITIES
  - REMOVE ALL ROCKS AND DEBRIS LARGER THAN 3" IN DIAMETER FROM AREAS TO BE TEMPORARILY SEEDDED. -EVENLY APPLY LIME TO ACHIEVE A PH VALUE OF 6.0.
  - EVENLY APPLY 14 LBS. OF 5-10-10 ANALYSIS FERTILIZER TO A DEPTH OF 4" USING SUITABLE EQUIPMENT.
  - SEEDBED IS TO BE LEFT IN FIRM AND SMOOTH CONDITION.
  - THE LAST TILLAGE OPERATION SHALL BE PERFORMED ACROSS THE SLOPE.
- B. ESTABLISHMENT
- EVENLY APPLY SEED IN ACCORDANCE WITH THE SPECIES AND RATE INDICATED ABOVE BY MEANS OF BROADCASTING OR HYDROSEEDING.
  - UNLESS HYDROSEED, COVER SEED WITH 1/4" TO 1/2" OF TOPSOIL.
  - APPLY MULCH OR EROSION CONTROL BLANKET IMMEDIATELY FOLLOWING SEEDING.
  - VERIFY SEEDING DATES WITH ENGINEER/LANDSCAPE ARCHITECT. IF ENGINEER/LANDSCAPE ARCHITECT DETERMINES THAT SEED CANNOT BE APPLIED DUE TO CLIMATE, TOPSOIL SHALL NOT BE SPREAD AND MULCHING SHALL BE APPLIED TO THE EXPOSED SURFACE TO STABILIZE SOILS UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.
  - PERMANENT SEEDING SHALL BE APPLIED BETWEEN APRIL 15 AND SEPTEMBER 30. TEMPORARY SEEDING SHALL BE APPLIED TO ALL DISTURBED AREAS OUTSIDE THIS TIME FRAME, UPON APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT.

## NONSTRUCTURAL CONTROL PRACTICES

1. SCARIFICATION: EXPOSED SLOPES EXCEEDING 4:1 SHALL BE SCARIFIED AT RIGHT ANGLES TO THE SLOPE. PROVIDE PERIODIC UPGRADING OF SERRATIONS DURING EXPOSED PERIOD UNTIL VEGETATION IS ESTABLISHED. PROVIDE VEGETATIVE COVER AS SOON AS POSSIBLE.
2. STRAW MULCH: STRAW MULCH SHALL BE APPLIED IN CONJUNCTION WITH TEMPORARY/PERMANENT SEEDING AND TO GRADED AREAS WHICH REMAIN EXPOSED OUTSIDE OF RECOMMENDED SEEDING DATES. MULCH SHALL BE APPLIED AT 90 LBS. PER 1000 S.F. CONTRACTOR SHALL PERIODICALLY INSPECT AND REAPPLY AS NECESSARY PARTICULARLY FOLLOWING SIGNIFICANT STORM EVENTS.
3. TOPSOIL: DISTURBED AREAS SHALL BE TOPSOILED PRIOR TO SEED APPLICATION.  
APPLICATION STANDARDS:
  - REMOVE ALL ROCKS AND DEBRIS OVER 1" - 1 1/2" IN DIAMETER.
  - SCARIFY SURFACE PRIOR TO SEED APPLICATION.
  - APPLY 6" DEPTH OF TOPSOIL.
4. SILT FENCE: SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE, AT CULVERT OUTLET LOCATIONS, OR AS INDICATED ON THE DRAWINGS. SILT FENCE SHALL BE INSPECTED AND REPAIRED ROUTINELY, ESPECIALLY FOLLOWING STORM EVENTS UNTIL THE SITE HAS BEEN STABILIZED (COVER > 70%) BY VEGETATION.

## STRUCTURAL CONTROL PRACTICES

1. RIP-RAP OUTLET PROTECTION: RIP-RAP SHALL BE PROVIDED AT ALL PIPE OUTLETS. MATERIAL SHALL BE HARD, DURABLE FIELD OR QUARRY STONE WHICH IS ANGULAR AND RESISTS BREAKING DOWN WHEN EXPOSED TO WATER OR WEATHERING.
2. CONSTRUCTION ENTRANCE: CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS.
3. DUST CONTROL: A WATER TRUCK SHOULD BE LOCATED ON-SITE FOR DUST CONTROL WHILE WORK IS PROCEEDING. MAINTENANCE SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT. THE FOLLOWING ITEMS SHALL BE CHECKED IN PARTICULAR:
  - A. RIP-RAP OUTLET PROTECTION SHALL BE CHECKED REGULARLY FOR SEDIMENT ACCUMULATION. IF SIGNIFICANT AMOUNTS OF SEDIMENT ACCUMULATE, RIP-RAP SHALL BE REMOVED AND REPLACED.
  - B. SILT FENCING SHALL BE INSPECTED REGULARLY FOR UNDERMINING AND DETERIORATION. REMOVE SEDIMENT FROM BEHIND FENCE WHEN IT BECOMES 6 INCHES DEEP.
  - C. SEEDED/MULCHED AREAS SHALL BE INSPECTED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.

## SILT FENCE INSTALLATION NOTES

3. THIS SEDIMENT BARRIER UTILIZES MIRAFI ENVROFENCE (100X) OR EQUAL. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.
2. THE HEIGHT OF THE BARRIER SHALL NOT EXCEED 36 INCHES (HIGHER BARRIERS MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE). IDEALLY THE FILTER FENCE SHALL BE PLACED 10 FEET AWAY FROM THE TOE OF SLOPE.
3. WHEN JOINTS ARE NECESSARY, FILTER FABRICS SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT STAKES WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED. SEE MANUFACTURER'S RECOMMENDATION.
4. STAKES SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). IN APPLICATIONS WHERE HEAVY FLOWS ARE EXPECTED SUCH AS IN-STREAM INSTALLATIONS STAKE SPACING SHALL BE PER MANUFACTURER'S RECOMMENDATIONS AND/OR THE ENGINEERS RECOMMENDATIONS.
5. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF STAKES AND UPSLOPE FROM THE BARRIER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
6. THE PRE ASSEMBLED SILT FENCE SYSTEM SHALL BE UNROLLED, POSITION THE STAKES ON THE DOWNHILL SIDE OF THE TRENCH AND HAMMER THE STAKES AT LEAST 12 INCHES INTO THE GROUND.
7. THE BOTTOM SIX (6) INCHES OF THE FABRIC SHALL BE LAID INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUNOFF.
8. BACKFILL THE TRENCH OVER THE FILTER FABRIC AND COMPACT SUFFICIENTLY TO PREVENT THE RUNOFF FROM ERODING THE BACKFILL.
9. THE FABRIC SHALL NOT EXTEND MORE THAN THAT 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES OR SUPPORTS OTHER THAN THE STANDARD STAKES.
10. INSTALLED SILT FENCE BARRIERS SHALL BE MAINTAINED ON A REGULAR SCHEDULE WHICH MAY BE PRESCRIBED BY THE LOCAL, STATE OF FEDERAL REGULATORY AUTHORITY; BUT, AT MINIMUM SHALL BE CHECKED WEEKLY AS WELL AS AFTER EACH STORM EVENT. MAINTENANCE SHALL CONSIST OF AN INSPECTION OF THE ENTIRE LENGTH OF THE BARRIER TO DETERMINE IF IT IS FUNCTIONING AS INTENDED. ALL BREAKS, DETACHED FABRIC, SLUMPED FABRIC, CLOGGED FABRIC, AND UNDERMINED AREAS SHALL BE FIXED THE DAY THAT THEY ARE DISCOVERED.
11. WHEN A MAXIMUM OF SIX (6) INCHES OF SEDIMENT HAS ACCUMULATED BEHIND THE SILT FENCE THIS SEDIMENT SHALL BE REMOVED AND THE FENCE SHALL BE INSPECTED FOR TEARS, CLOGGING OF BREAKS. ALL DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY EITHER BY REPAIR OR REPLACEMENT OF THE SILT FENCE BARRIER AND/OR STAKES AS NEEDED.
12. SILT FENCE BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN CLEANED OF SILT AND PERMANENTLY STABILIZED.

HAY BALE INSTALLATION & MAINTENANCE (AS REQ'D)

1. HAY BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE ON THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.
2. ALL BALES SHALL BE EITHER WIRE BOUND OR STRUNG TIES. BALES SHALL BE INSTALLED SO THAT BINDINGS ARE ORIENTED AROUND THE SIDES RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES TO PREVENT DETERIORATION OF THE BINDINGS.
3. THE BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF FOUR (4) INCHES AND A MAXIMUM DEPTH OF SIX (6) INCHES. AFTER THE BALES ARE STAKED AND CHINKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER. BACKFILL SOIL SHALL CONFORM TO THE GROUND LEVEL ON THE DOWNHILL SIDE AND SHALL BE BUILT UP TO FOUR (4) INCHES AGAINST THE UPHILL SIDE OF THE BARRIER.
4. EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO (2) STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER. STAKES OR REBARS SHALL BE DRIVEN DEEP ENOUGH INTO THE GROUND TO SECURELY ANCHOR THE BALES.
5. THE GAPS BETWEEN BALES SHALL BE CHINKED (FILLED BY WEDGING) WITH STRAW TO PREVENT WATER FROM ESCAPING BETWEEN THE BALES. (LOOSE STRAW SCATTERED OVER THE AREA IMMEDIATELY UPHILL FROM A STRAW BALE BARRIER TENDS TO INCREASE BARRIER EFFICIENCY.)
6. HAY BALES GENERALLY DETERIORATE IN 2-6 MONTHS AND THUS NEED REPLACEMENT.
7. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
8. BALE BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

SITE PREF

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATION, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH.
2. CONTRACTOR SHALL ERECT AND MAINTAIN SAFETY BARRICADES AND POST PROPER NOTICES PRIOR TO THE COMMENCEMENT OF WORK.
3. CONTRACTOR SHALL PROTECT EXISTING SITE IMPROVEMENTS, APPURTENANCES, AND LANDSCAPING TO REMAIN.
4. CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM FROM DAMAGE DURING DEMOLITION OPERATIONS.
5. DO NOT DAMAGE EXISTING UTILITIES TO REMAIN WITHIN PROJECT AREA. ALL DAMAGE TO EXISTING UTILITIES TO REMAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE UTILITY OWNER.
6. THERE SHALL BE NO BURNING OF DEMOLISHED MATERIAL ALLOWED ON SITE.
7. CONTRACTOR SHALL COORDINATE WITH OWNER FOR ANY ITEMS TO BE TURNED OVER TO OWNER.
8. DEMOLISH AND REMOVE ALL PAVEMENT, SLABS, FOOTINGS, SUBSURFACE ELEMENTS, MISCELLANEOUS DEBRIS, ETC. WITHIN PROPERTY LINES UNLESS NOTED OTHERWISE.
9. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST SO THAT DUST DOES NOT CREATE NUISANCE ON ADJACENT ROADS OR PROPERTIES. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR STREET SWEEPING AND CATCH BASIN CLEANING AFTER EACH PHASE OF CONSTRUCTION AND AS NEED IS DETERMINED BY THE ENGINEER.
10. CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY ABANDONED SUBSURFACE SOIL ABSORPTION SYSTEM (SAS) AND MISCELLANEOUS DEBRIS.
11. NO ACTIVITY OTHER THAN NORMAL MAINTENANCE SHALL OCCUR OUTSIDE OF LIMIT OF WORK LINES AS SHOWN ON PLAN WITHOUT THE APPROVAL OF THE ENGINEER.
12. THE CONTRACTOR SHALL NOTIFY DIG SAFE @ 1-888-344-7233 PRIOR TO COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITY.

LANDSCAPE NOTES

1. THE CONTRACTOR SHALL VERIFY FINAL SELECTION OF PLANT MATERIALS WITH THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO INSTALLATION.
2. NO PLANT MATERIAL WILL BE ACCEPTED WHICH DISPLAYS MAJOR IRREGULARITIES OR DAMAGE. THE OWNER/LANDSCAPE ARCHITECT RETAINS THE RIGHT TO REJECT ANY PLANT MATERIAL DEEMED UNFIT.
3. WARRANTEE: FOR A PERIOD OF TWO GROWING SEASONS FROM THE DATE THAT THE WORK UNDER THIS CONTRACT IS CERTIFIED AS SUBSTANTIALLY COMPLETE, THE CONTRACTOR SHALL: 1) WARRANT ALL PLANTS AND SEEDED AREAS UNDER THIS CONTRACT; 2) REMOVE AND REPLACE DURING THIS GUARANTEE PERIOD PLANTS WHICH DIE OR ARE IN POOR CONDITION AS DETERMINED BY THE OWNER; 3) REPLANT WITH STOCK OF SAME SIZE AND QUALITY AS ORIGINALLY SPECIFIED; 4) GUY AND MAINTAIN AS SPECIFIED HEREIN AT NO ADDITIONAL COST TO THE OWNER.
4. ALL NEW LAWN AREAS SHALL RECEIVE A MINIMUM OF 4 INCHES TOPSOIL OF THE PROPER PLANT AND ORGANIC CONTENT SUITABLE FOR THE HEALTHY GROWTH OF LAWNS. THESE AREAS SHALL BE SEEDDED WITH A FINE BLADE LAWN GRASS SEED OR SODDED. ADDITIONAL OFF-SITE TOPSOIL MAY BE REQUIRED.
5. ALL AREAS TO BE MULCHED SHALL RECEIVE 4 INCHES MINIMUM 100% SHREDDED BARK MULCH WITHIN 48 HOURS OF PLANTING UNLESS OTHERWISE NOTED IN PLANTING DETAILS.
6. ALL TREE AND SHRUB PITS SHALL BE AT LEAST 2 FEET WIDER AND 1 FOOT DEEPER THAN THE TREE OR SHRUB ROOT BALL TO BE PLANTED IN IT. BACKFILL SHALL BE HIGH QUALITY LOAM OF THE PROPER PH AND ORGANIC CONTENT SUITABLE FOR THE HEALTHY GROWTH OF PLANT MATERIALS.
7. ALL PLANTS SHALL BE NURSERY GROWN AND CONFORM TO THE LATEST EDITION OF "ANSI Z60.1, AMERICAN STANDARD FOR NURSERY STOCK".
8. EACH PLANT TO BE FREE FROM DISEASE, INSECT INFESTATION, MECHANICAL INJURIES, AND IN ALL RESPECTS BE SUITABLE FOR FIELD PLANTING.
9. EACH PLANT TO BE IN THE TOP OF ITS SIZE CLASS AFTER SHEARING AND PRUNING.
10. ADJACENT TO THE TOP OF ANY WALLS OVER 36" A FENCE OR WALL SHALL BE CONSTRUCTED PER PLAN THAT MEETS LOCAL BUILDING CODE AND ALL OTHER APPLICABLE STATE AND FEDERAL LAWS.
11. SEE DETAIL SHEETS FOR ADDITIONAL DETAILS & SPECIFICATIONS.

12. SHOULD GC OR ANY SUBCONTRACTOR ENCOUNTER A DISCREPANCY/CONFLICT IN THE PLAN AN THE ACTUAL LOCATION OF A SITE FEATURE, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT/ENGINEER AND OWNER IMMEDIATELY.

13. ALL AREAS DURING CONSTRUCTION NOT DESIGNATED TO RECEIVE OTHER TREATMENT SHALL BE LOAMED TO A MINIMUM DEPTH OF 4" AND SEEDED IN ACCORDANCE WITH THE FOLLOWING:

- INCORPORATE GROUND LIMESTONE INTO ALL AREAS TO BE SEEDED AT A RATE OF 50 LBS/1,000 S.F.
- APPLY 10-6-4 FERTILIZER TO ALL AREAS TO BE SEEDED AT A RATE OF 2 LBS/1,000 S.F.
- THOROUGHLY INCORPORATE LIME AND FERTILIZER INTO SEED BED TO DEPTH OF 3" BY DISCING OR OTHER APPROVED METHOD.
- SEED WITH THE FOLLOWING MIXTURE, APPLIED AT A RATE OF 10 LBS/1,000 S.F. SEED MIX:

NAME OF SEED	% BY WEIGHT IN MIXTURE	MIN. % PURITY	MIN. GERMINATION
POS. PRETENSES "BARON" BARON BLUEGRASS	50	90	75
FESTUCA RUBRA "PENNLAWN" PENNLAWN FESCUE	25	95	85
LOLIUM PERENNE "PENNFINE" PENNFINE	25	98	95

E. MULCH ALL SEEDED AREAS WITH STRAW AT A RATE OF 5 LBS/1,000 S.F. UNLESS HYDROSEEDING WAS USED.

F. ALL SLOPES OF 3:1 OR GREATER AFTER BEING LOAMED, SEEDED AND MULCHED IN ACCORDANCE WITH THE ABOVE SHALL BE SECURED WITH EROSION CONTROL BLANKETS (NO. AMERICAN GREEN S150 OR EQUAL). OVERLAP ALL NETTING JOINTS A MINIMUM OF 6" AND SECURE WITH DOUBLE ROW OF STAPLES.

F. ALL SLOPES OF 3:1 OR GREATER AFTER BEING LOAMED, SEEDED AND MULCHED IN ACCORDANCE WITH THE ABOVE SHALL BE SECURED WITH EROSION CONTROL BLANKETS (NO. AMERICAN GREEN S150 OR EQUAL). OVERLAP ALL NETTING JOINTS A MINIMUM OF 6" AND SECURE WITH DOUBLE ROW OF STAPLES.

## NOTES, SYMBOL & LINE LEGEND AND ABBREVIATIONS

**Southerly of South Bend Lane  
(A Portion of Parcel 54-6-0)  
East Longmeadow, Mass.**



**PREPARED FOR:**

Ms. Marlene Goldstein  
43 South Bend Lane  
East Longmeadow, Mass.

<b>ISSUANCE DATE:</b> February 10, 2022	
<b>REVISIONS:</b>	<b>DATE:</b>

**DRAFTED BY:** T.A. & J.T.

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RLA PROJ. NUMBER: 200812

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- | East Longmeadow Planning Board  |                             |      |
|---------------------------------|-----------------------------|------|
| Names of Planning Board Members | Action Taken                | Date |
|                                 | Application Filed           |      |
|                                 | Preliminary Plan Filed      |      |
|                                 | Definitive Plan Filed       |      |
|                                 | Public Hearing              |      |
|                                 | Approval of Board of Health |      |
|                                 | Plan Approved               |      |
|                                 | Plan Endorsed               |      |

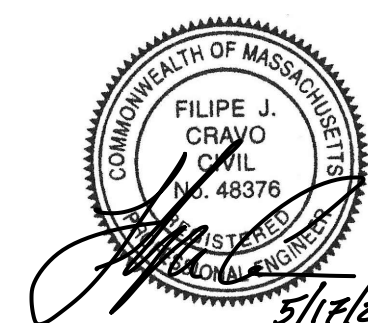
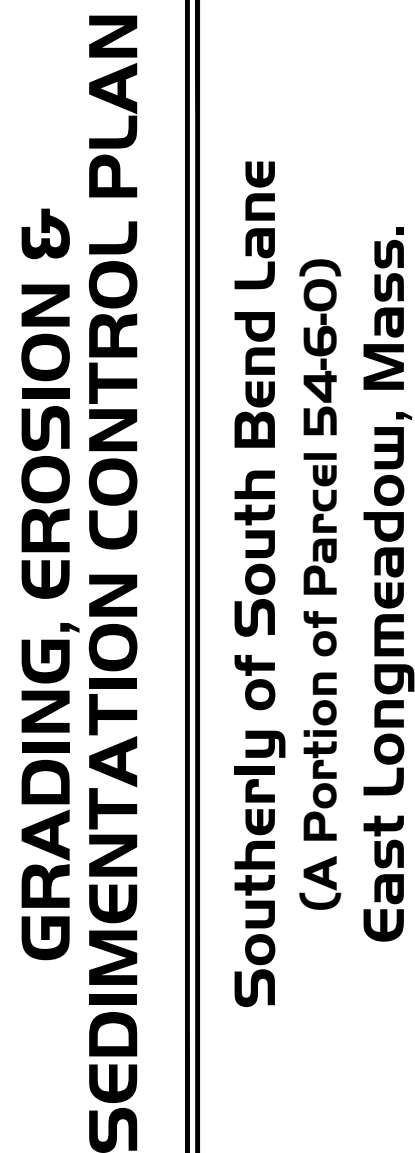
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1. ALL BMP EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO DEMOLITION OR ANY SITE WORK.
2. THE EROSION CONTROL BMPs SHALL CONFORM TO US EPA, NPDES, MA DEP AND MASSACHUSETTS EROSION AND SEDIMENTATION CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS.
3. THE CONTRACTOR OR SUBCONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING EACH CONTROL SHOWN ON THE SEDIMENTATION AND EROSION CONTROL PLAN.
4. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE RESPECTED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFF-SITE SEDIMENTATION IF DEEMED NECESSARY BY ON-SITE INSPECTION.
5. EFFECTIVE EROSION CONTROL MEASURES SHALL BE INITIATED PRIOR TO THE COMMENCEMENT OF CLEARING, GRADING, EXCAVATION, OR OTHER OPERATIONS THAT WILL DISTURB THE NATURAL PROTECTION.
6. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE MAINTAINED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD, AND THE INSPECTION SHALL BE DOCUMENTED IN WRITING. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED OR REPLACED, AS NECESSARY.
7. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO AVOID EXCESS EROSION OF THE SITE DUE TO THE CONSTRUCTION OF THIS PROJECT.
8. SILT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6-INCHES DEEP OR AS NEEDED. SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON-SITE.
9. DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.
10. ALL DITCHES/SWALES SHALL BE STABILIZED AS SOON AS IS PRACTICABLE TO MINIMIZE EROSION.
11. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN A GOOD WORKING STATE OF REPAIR UNTIL THEIR USE IS NO LONGER WARRANTED. AT THAT TIME, THE EROSION CONTROL DEVICES SHALL BE REMOVED UPON DIRECTION FROM THE CITY/TOWN AND DISPOSED OF SO AS TO CAUSE NO OFF-SITE SILTATION.
12. INSPECT AND MAINTAIN CONSTRUCTION ENTRANCE STONE SUCH THAT SEDIMENT DOES NOT TRACK ONTO THE STREET. ANY SEDIMENT TRACKED ONTO THE STREET SHALL BE CLEANED DAILY.
13. AFTER CATCH BASINS HAVE BEEN CONSTRUCTED AND THE SITE HAS BEEN PAVED, THE CONTRACTOR SHALL PROTECT THE INLETS BY CONSTRUCTING INLET PROTECTION AS SHOWN ON THE PLANS. INLET PROTECTION TO REMAIN IN PLACE AND MAINTAINED UNTIL DISTURBED AREAS HAVE BEEN STABILIZED, LOAMED AND SEED.
14. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SUBSTANTIALLY STABILIZED. AFTER REMOVAL OF MEASURES, DISTURBED AREAS SHALL BE REGRADED AND STABILIZED AS NECESSARY.
15. THIS PLAN IS PROVIDED AS A BASIS FOR THE INITIAL SEDIMENTATION AND EROSION CONTROL MEASURES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UPDATE AND EXPAND THIS PLAN AS SITE CONDITIONS DICTATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREVENT THE OCCURRENCE OF SILTATION TO WETLAND RESOURCE AREAS AND THE MOVEMENT OF SEDIMENT BEYOND THE SITE BOUNDARIES.

CONSTRUCTION SEQUENCE

1. CONTACT THE TOWN OF EAST LONGMEADOW AT LEAST FORTY-EIGHT HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION, OR EARTHWORK ACTIVITY ON THIS PROJECT.
2. CONSTRUCT ANTI-TRACKING PAD AT ENTRANCE AND INSTALL ANY REQUIRED INLET PROTECTION AS DEPICTED ON THE PLAN.
3. INSTALL SILT FENCE AS SHOWN ON THE PLANS.
4. UPON COMPLETION OF EROSION CONTROL MEASURES, CLEARING AND GRUBBING AND EARTHWORK MAY COMMENCE.
5. CLEAR AND GRUB SITE. STOCKPILE ANY CHIPPING OR TOPSOIL MATERIAL TO REMAIN ON SITE FOR LONGER THAN 30 DAYS AND INSTALL SILT FENCE AROUND THE PERIMETER OF THE STOCKPILE.
6. COMMENCE EARTHWORK BY EXCAVATING FOR THE CUT/FILL SLOPES AS SHOWN ON THE PLANS. STABILIZE/SLOPE ANY SLOPES THAT HAVE ACHIEVED FINAL GRADE.
7. INSTALL UTILITIES AS SHOWN ON PLANS INCLUDING ELECTRICAL AND COMMUNICATION SERVICES AND STORMWATER MANAGEMENT SYSTEM.
8. GRADE THE ALIGNMENT OF THE ROADWAY TO ACCEPT PAVEMENT SECTION MATERIALS.
9. INSTALL PAVEMENT AS SPECIFIED ON THE PLANS.
10. UPON INSTALLATION OF PAVEMENT SURFACE, INSTALL INLET PROTECTION AS REQUIRED ON ANY NEW INLET STRUCTURES.
11. FINAL GRADING AND STABILIZATION OF ANY REMAINING EXPOSED AREAS.
12. AT THE DIRECTION OF THE TOWN OF EAST LONGMEADOW, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED.

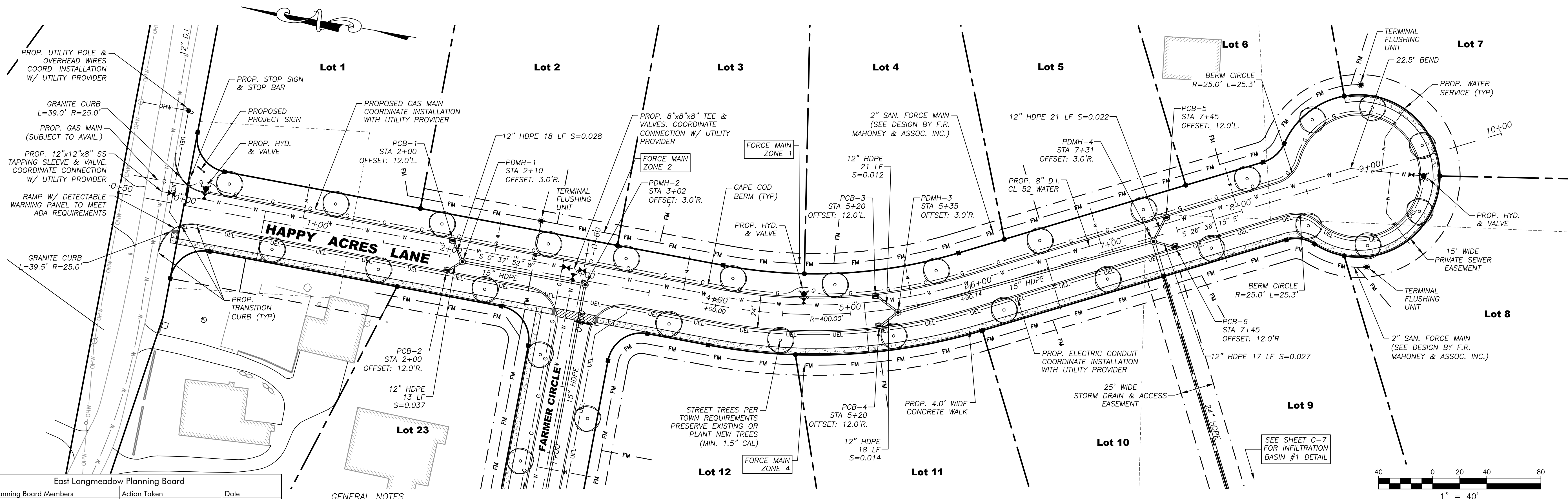
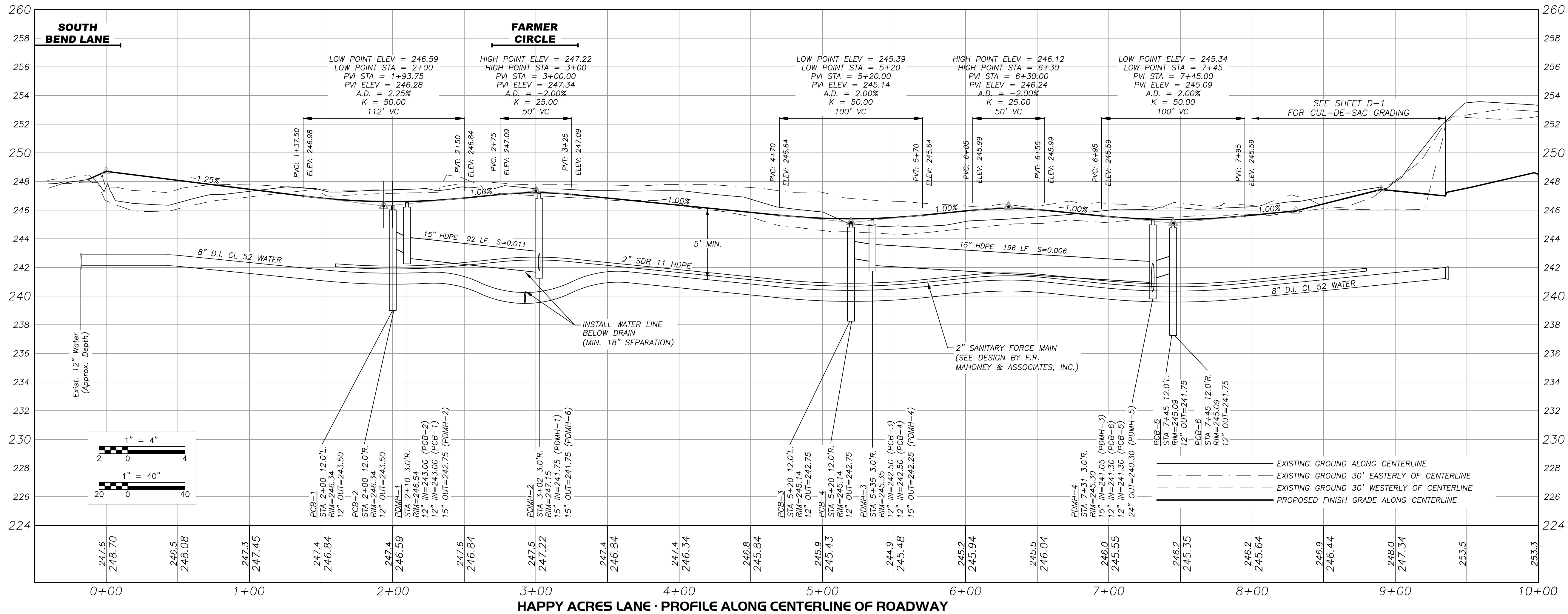


<b>PREPARED FOR:</b>	
Ms. Marlene Goldstein <hr style="border: 0.5px solid black; margin: 5px 0;"/> 43 South Bend Lane East Longmeadow, Mass.	
<b>ISSUANCE DATE:</b> February 10, 2022	
<b>REVISIONS:</b>	<b>DATE:</b>
A. Planning & DPW review	5/17/
<b>DRAFTED BY:</b> T.A. & J.T.	
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<b>RLA PROJ. NUMBER:</b> 200812	
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**GENERAL NOTES**

1. THE CONTRACTOR SHALL OBTAIN A LETTER OF APPROVAL FROM DPW PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
2. ALL WATER CONSTRUCTION SHALL CONFORM TO THE TOWN OF EAST LONGMEADOW REQUIREMENTS.
3. ALL WATER CONSTRUCTION SHALL BE INSPECTED BY THE TOWN OF EAST LONGMEADOW DPW BEFORE BEING BACKFILLED. TOWN SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS.

**LANDSCAPE NOTES**

1. STREET TREE SELECTION SHALL BE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS.
2. PLANTING PERIOD SHALL BE NOTED AS MARCH 15 TO MAY 15 AND SEPTEMBER 15 TO NOVEMBER 15, WEATHER PERMITTING.

ALL MATERIALS AND CONSTRUCTION METHODS TO CONFORM TO TOWN OF EAST LONGMEADOW PLANNING BOARD REGULATIONS AND BOARD OF PUBLIC WORKS SPECIFICATIONS

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**RLA**

**R LEVESQUE ASSOCIATES INC.**

Landscape Architects  
Civil Engineers - Land Surveyors  
Environmental Consultants

ph: 413.568.0985 fax: 413.568.0986

40 School Street  
Westfield, MA 01085  
rlaland.com

**PLAN & PROFILE**

**HAPPY ACRES LANE**

Sta 0+50 to Sta 10+00

Southerly of South Bend Lane  
(A Portion of Parcel 54-60)  
East Longmeadow, Mass.

COMMONWEALTH OF MASSACHUSETTS  
FILIPE J. CRAVO  
CIVIL ENGINEER  
No. 8376  
EXPIRES 12/31/2022  
5/17/22

PREPARED FOR:

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43 South Bend Lane  
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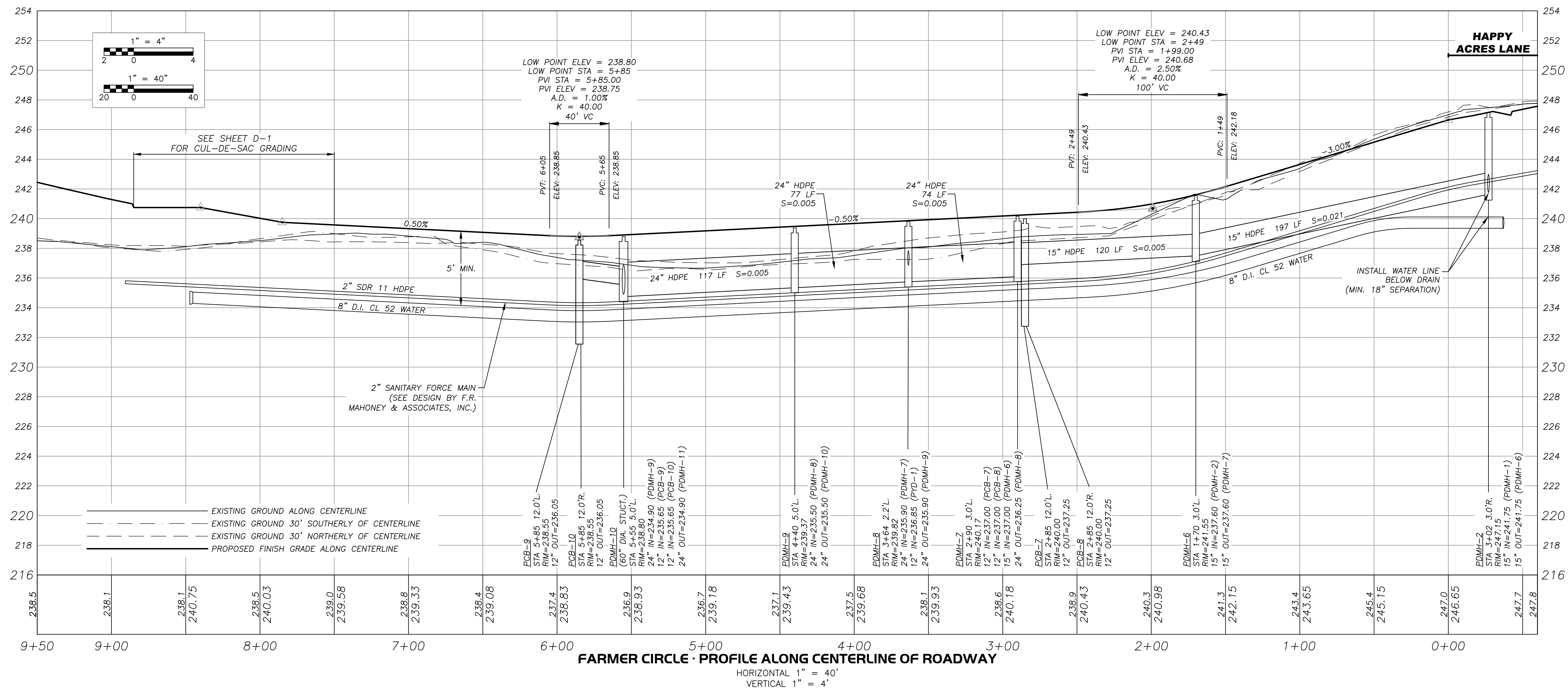
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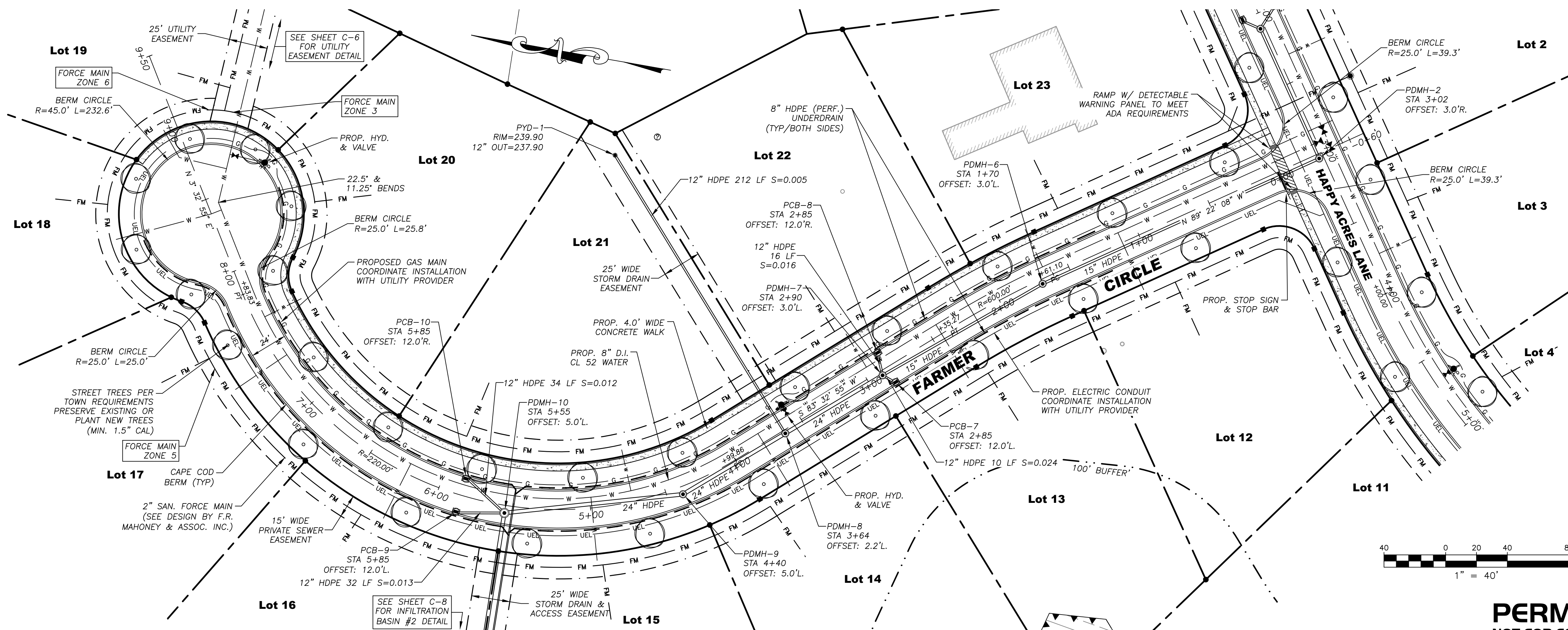


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  2. ALL WATER CONSTRUCTION SHALL CONFORM TO THE TOWN OF EAST LONGMEADOW REQUIREMENTS.
  3. ALL WATER CONSTRUCTION SHALL BE INSPECTED BY THE TOWN OF EAST LONGMEADOW 15 DAYS BEFORE BEING BACKFILLED. TOWN SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS.

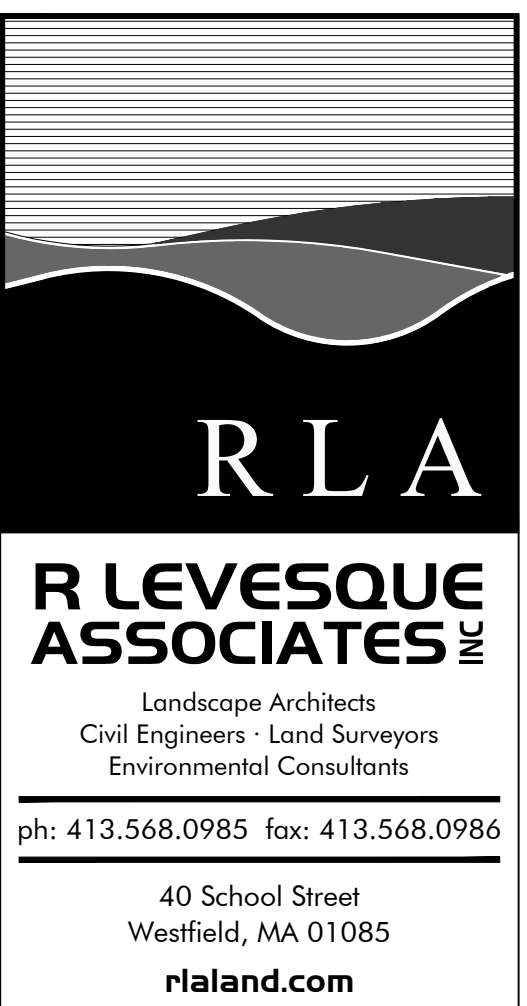
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PUBLIC WORKS SPECIFICATIONS

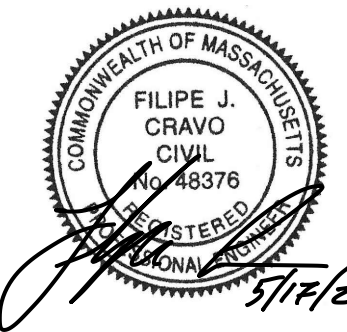
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**PLAN & PROFILE**  
**FARMER CIRCLE**  
Sta 0+60 to Sta 9+50

**Southerly of South Bend Lane**  
**(A Portion of Parcel 54-6-0)**  
**East Longmeadow, Mass.**



**PREPARED FOR:**

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East Longmeadow, Mass.

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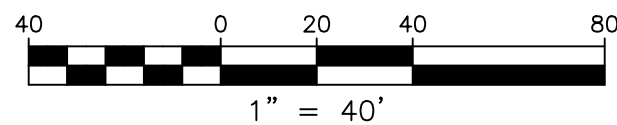
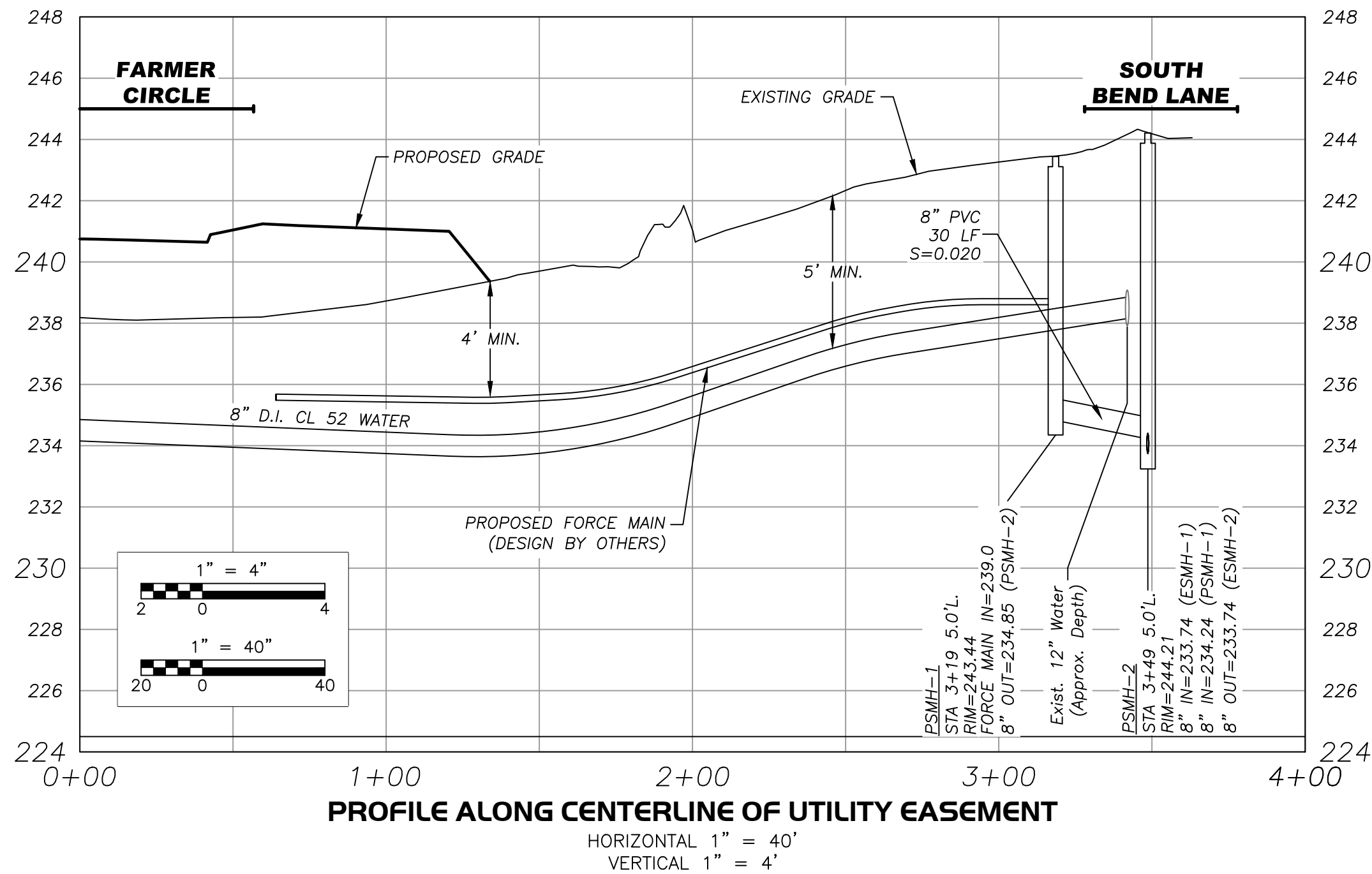
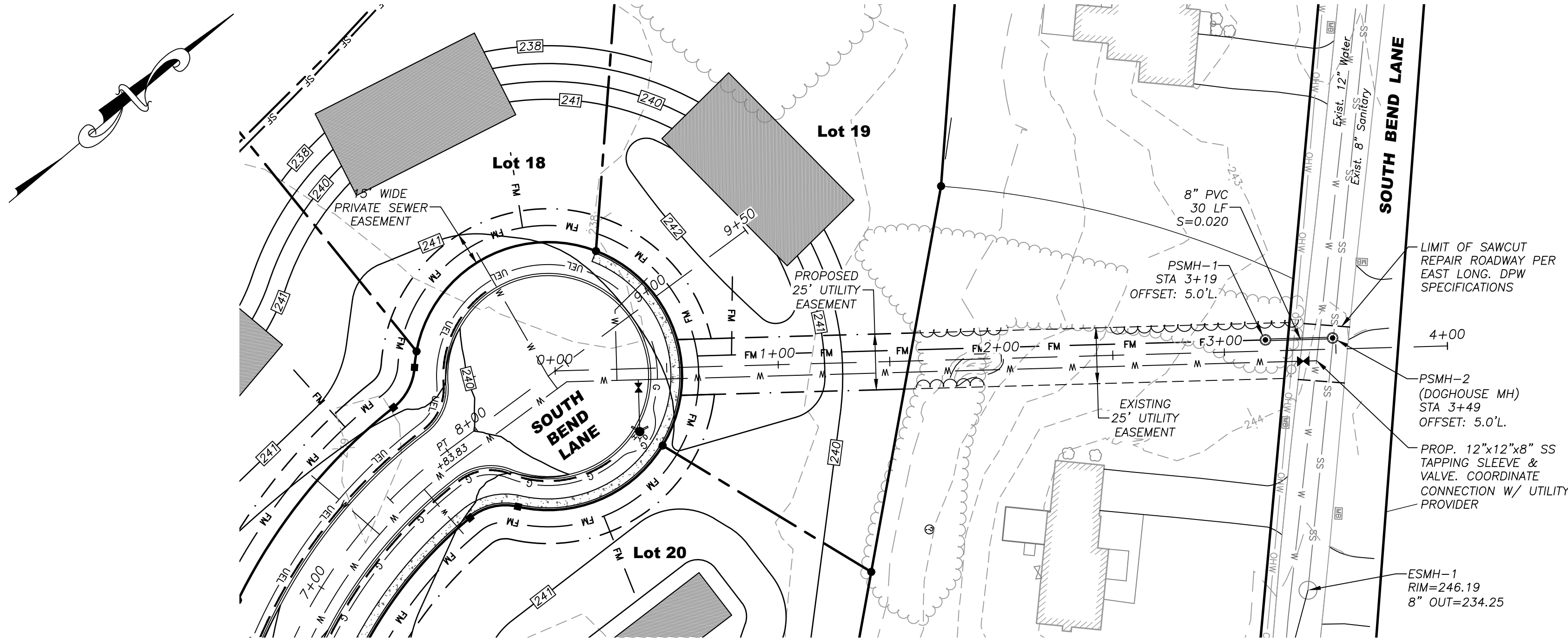
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East Longmeadow Planning Board		
Names of Planning Board Members	Action Taken	Date
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	Preliminary Plan Filed	
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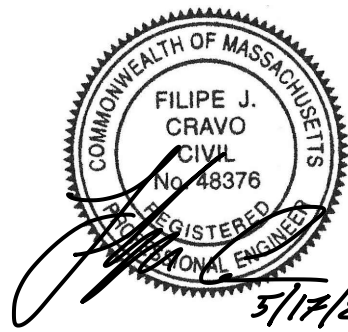


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**RLA**  
**R LEVESQUE ASSOCIATES INC**  
Landscape Architects  
Civil Engineers - Land Surveyors  
Environmental Consultants  
ph: 413.568.0985 fax: 413.568.0986  
40 School Street  
Westfield, MA 01085  
[rlaland.com](http://rlaland.com)

PLAN & PROFILE  
**UTILITY EASEMENT**  
Sta 0+00 to Sta 4+00  
**Southerly of South Bend Lane**  
(A Portion of Parcel 54-6-0)  
**East Longmeadow, Mass.**



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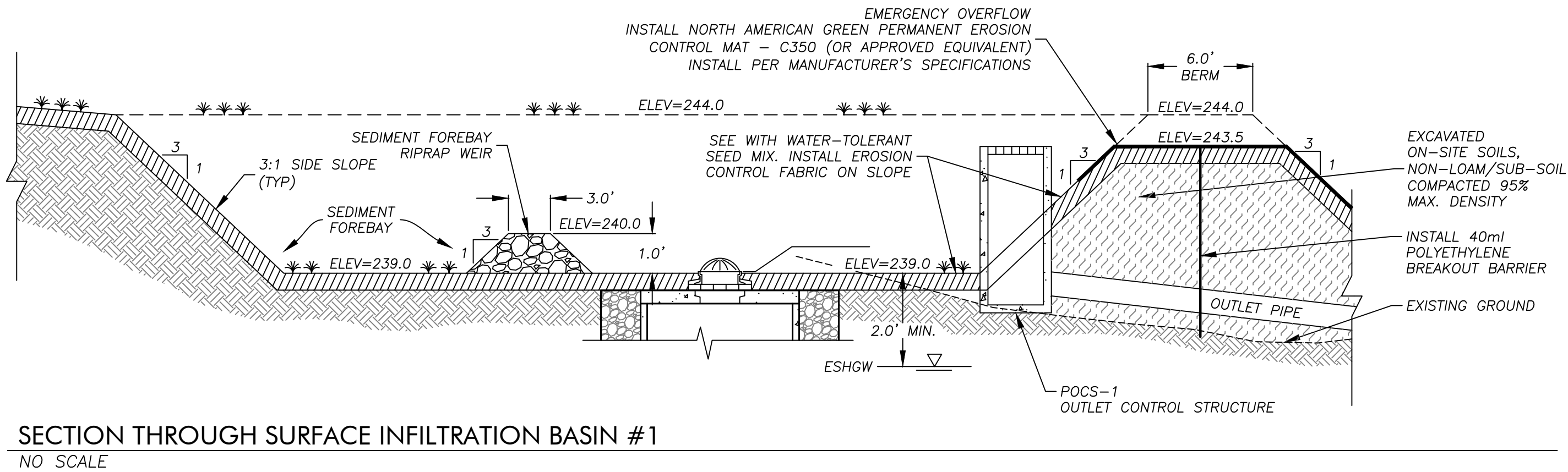
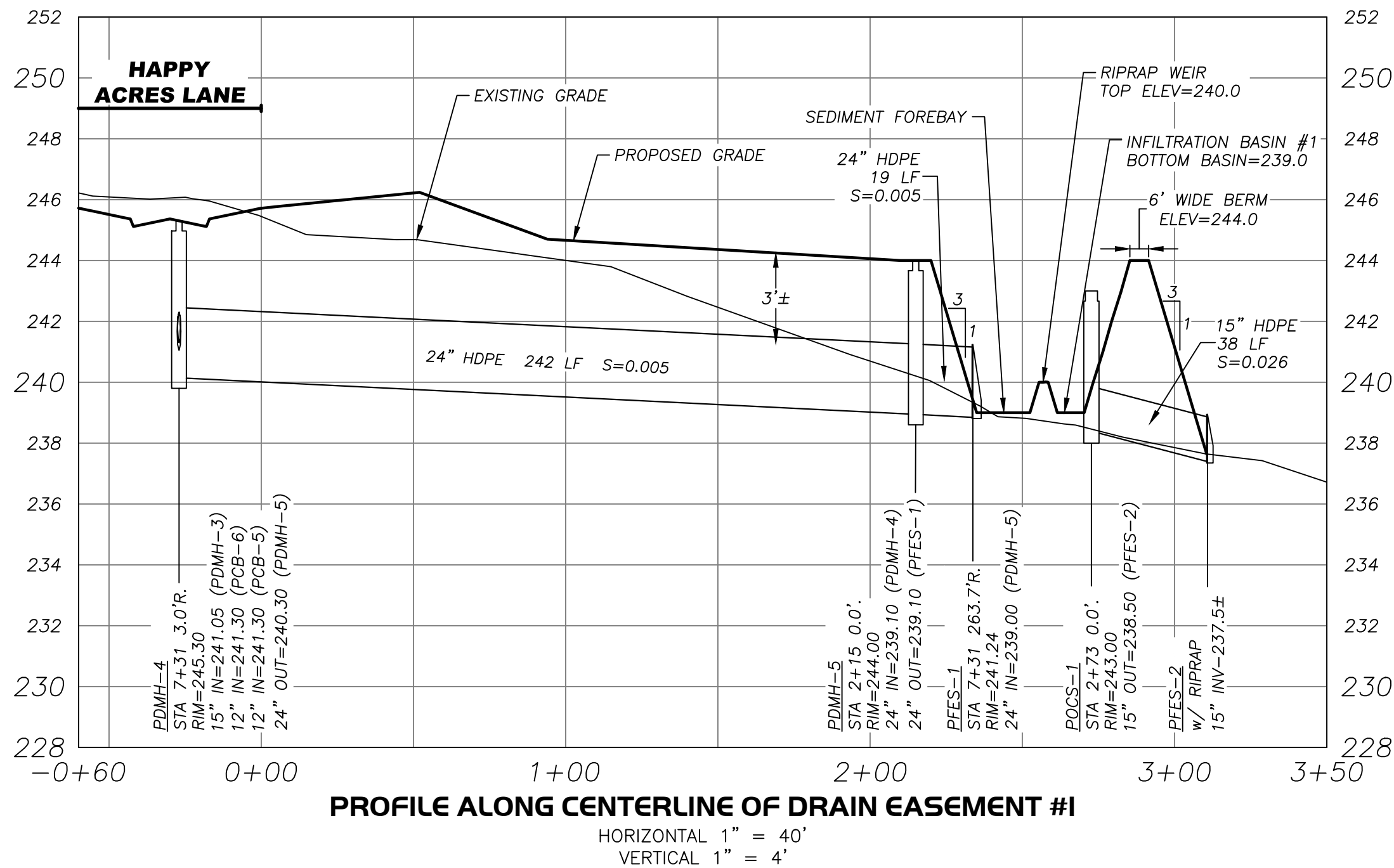
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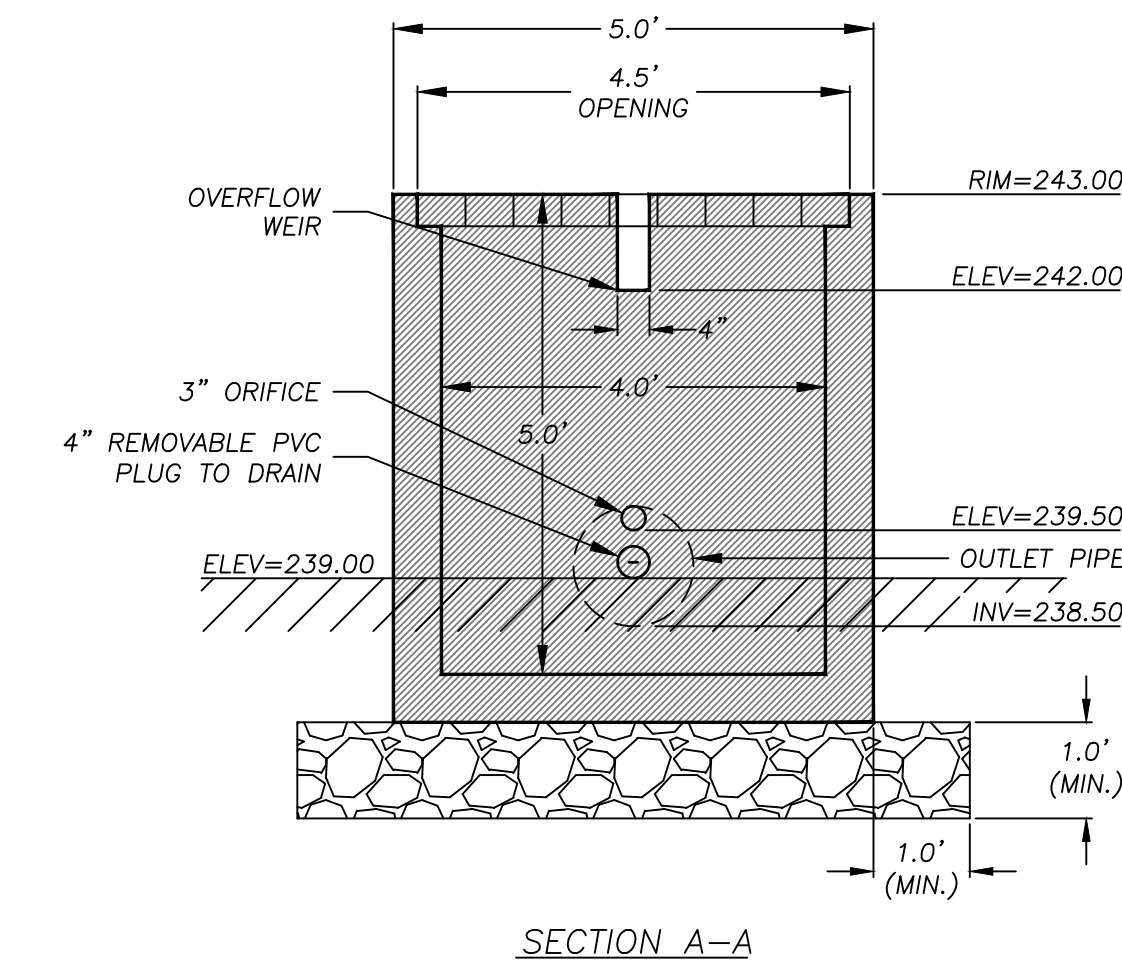
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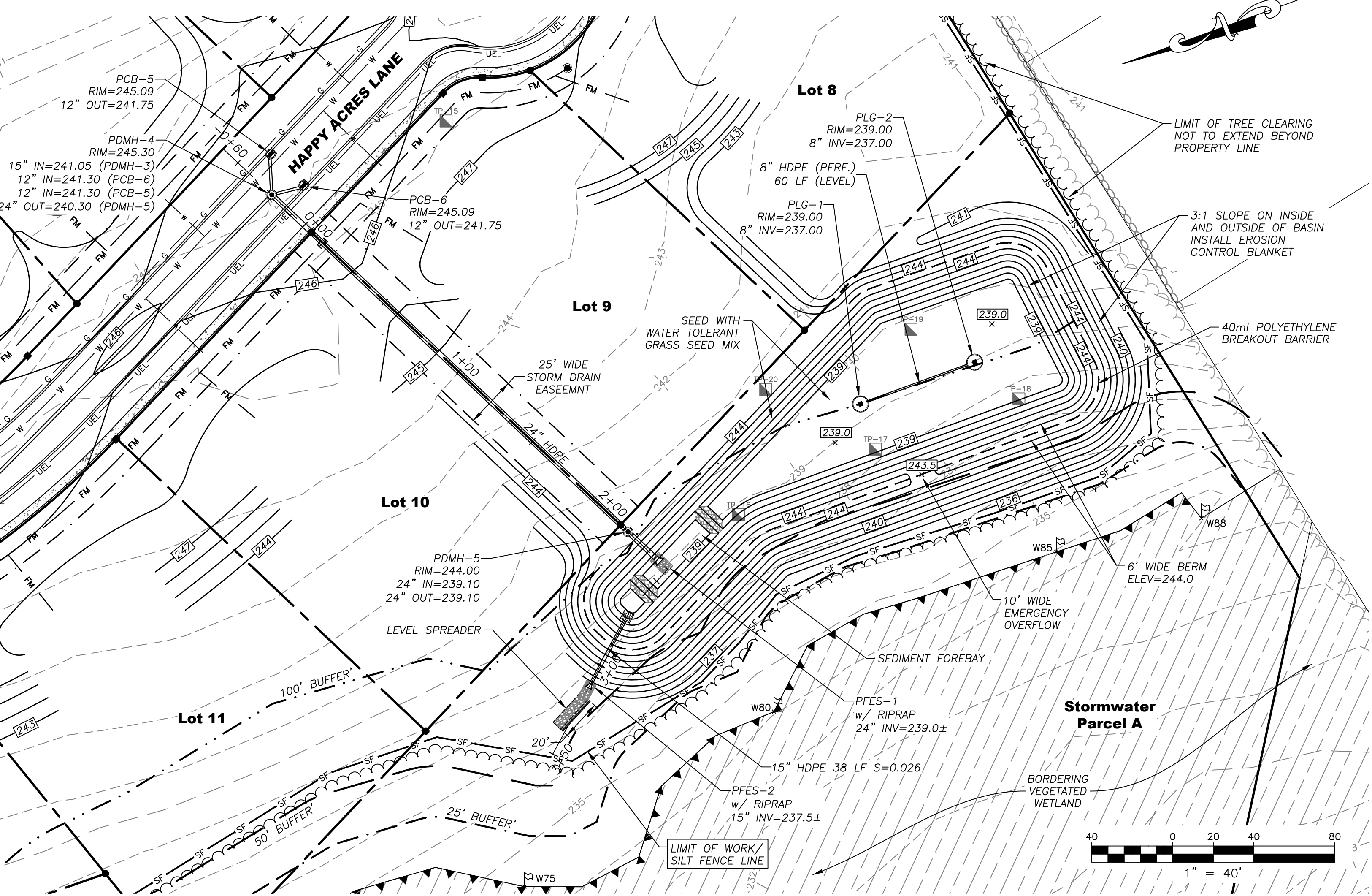
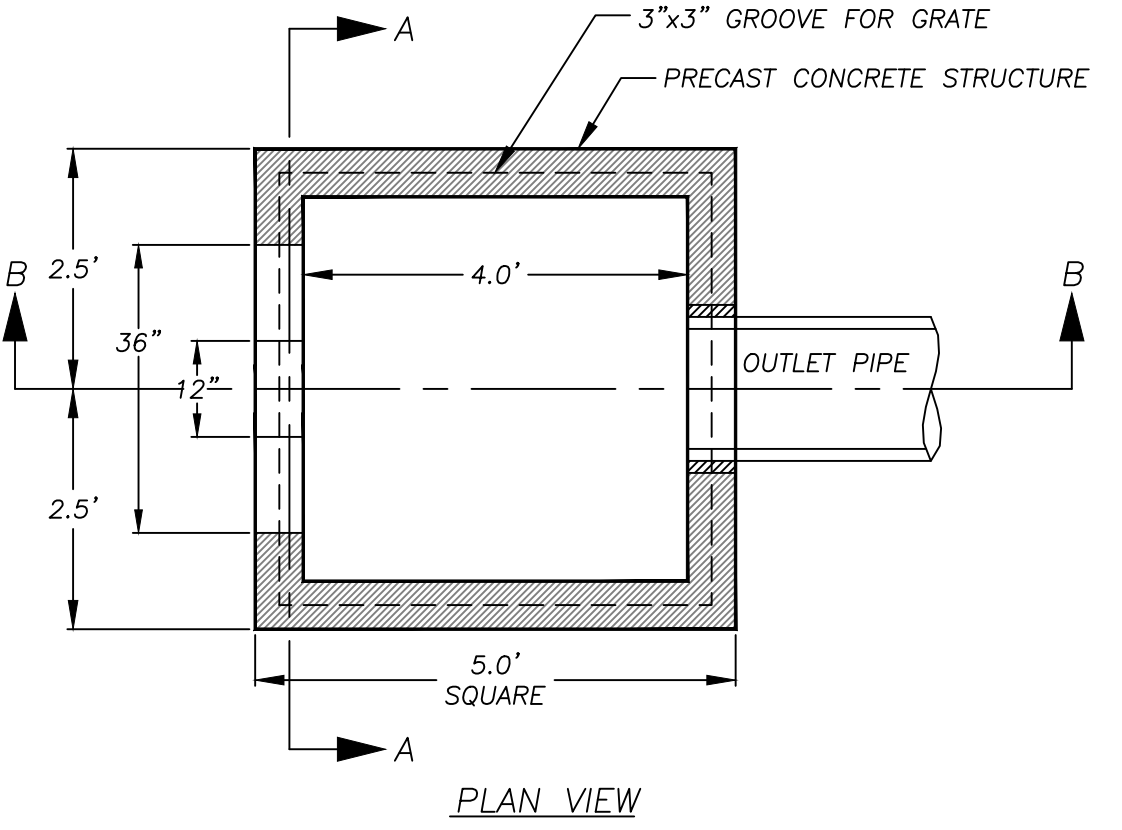
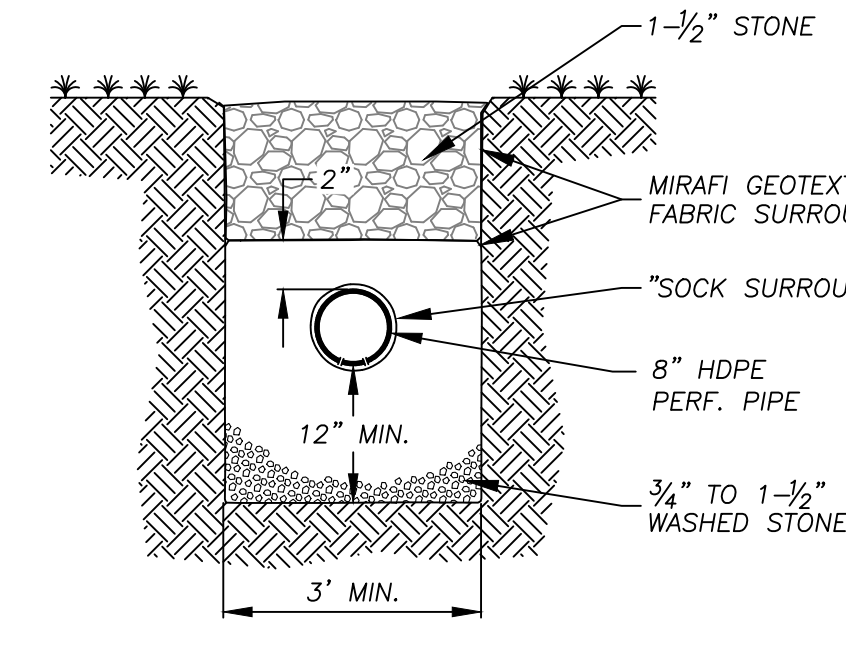
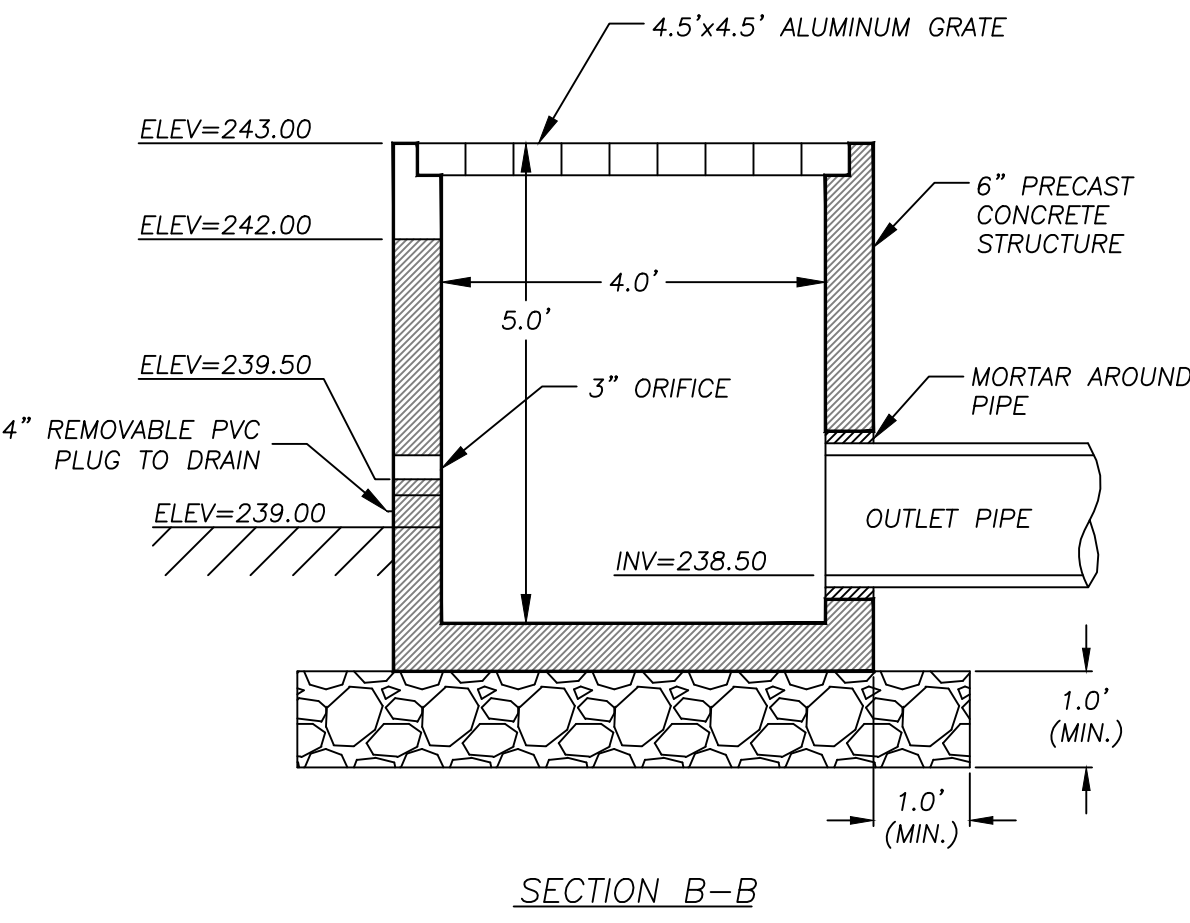
**SURFACE INFILTRATION BASIN CONSTRUCTION NOTE**

THE ENGINEER SHALL INSPECT THE CONSTRUCTION OF THE BASIN AT THE MILESTONES LISTED BELOW. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION ON THE FOLLOWING:

1. COMPLETION OF EXCAVATION FOR THE INFILTRATION BASIN AREA TO SUBGRADE
2. AFTER SPREADING OF DENSE TURF SEED OR WATER-TOLERANT GRASS



- INFILTRATION BASIN NOTES**
1. INFILTRATION BASIN BOTTOM TO BE LOCATED A MINIMUM OF 2.0' ABOVE ESTIMATED SEASONAL HIGH GROUNDWATER (ESHGW).
  2. IMMEDIATELY AFTER CONSTRUCTING THE BASIN, STABILIZE THE BOTTOM AND SIDE SLOPES WITH WATER-TOLERANT GRASS.
  3. DURING BASIN EXCAVATION, USE NATIVE SOILS THAT WERE EXCAVATED FROM THE A OR B HORIZONS AND MIX WITH COMPOST, PROPERLY AGED TO KILL ANY SEED STOCK. SCARIFY THE NATIVE MATERIALS AND USE THE COMPOST MATERIAL TO SHAPE THE BASIN. MIX INTO THE PARENT MATERIAL TO A DEPTH OF 12 INCHES.
  4. DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF, WATER FROM EXCAVATIONS, ETC.) TO THE INFILTRATION BASIN AREAS DURING ANY STAGE OF CONSTRUCTION.
  5. DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH HEAVY CONSTRUCTION EQUIPMENT. PERFORM EXCAVATIONS WITH LIGHT EARTH-MOVING EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM IF FEASIBLE.
  6. IF INFILTRATION BASIN AREAS ARE EXPOSED DURING CONSTRUCTION AND DO RECEIVE SEDIMENT DEPOSITS, BASIN BOTTOM MUST BE OVER EXCAVATED 6-8" INTO NATIVE MATERIAL TO REMOVE SEDIMENT DEPOSITS.
  7. ALL DRAINAGE AREAS TO AN INFILTRATION BASIN FACILITY ARE TO BE STABILIZED PRIOR TO INSTALLATION OF TOPSOIL/COMPOST MIX AND SEED MIX.
  8. INFILTRATION BASIN BOTTOMS AND EMBANKMENTS TO BE SEEDED AS NOTED ON PLANS. NO TREES OR SHRUBS TO BE PLANTED WITHIN INFILTRATION BASINS OR EMBANKMENTS. DO NOT USE SOD.



INFILTRATION BASIN #1 AND STORM DRAIN EASEMENT DETAIL  
1" = 40'

East Longmeadow Planning Board		
Names of Planning Board Members	Action Taken	Date
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	Plan Endorsed	

PERFORATED PIPE TRENCH DETAIL  
NO SCALE

OUTLET CONTROL STRUCTURE (POCS-1)  
NO SCALE

**PERMITTING**  
NOT FOR CONSTRUCTION

**RLA**  
**R LEVESQUE ASSOCIATES INC.**  
Landscape Architects  
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ph: 413.568.0985 fax: 413.568.0986  
40 School Street  
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**INFILTRATION BASIN #1**  
Southerly of South Bend Lane  
(A Portion of Parcel 54-6-0)  
East Longmeadow, Mass.

**PREPARED FOR:**  
Ms. Marlene Goldstein  
43 South Bend Lane  
East Longmeadow, Mass.

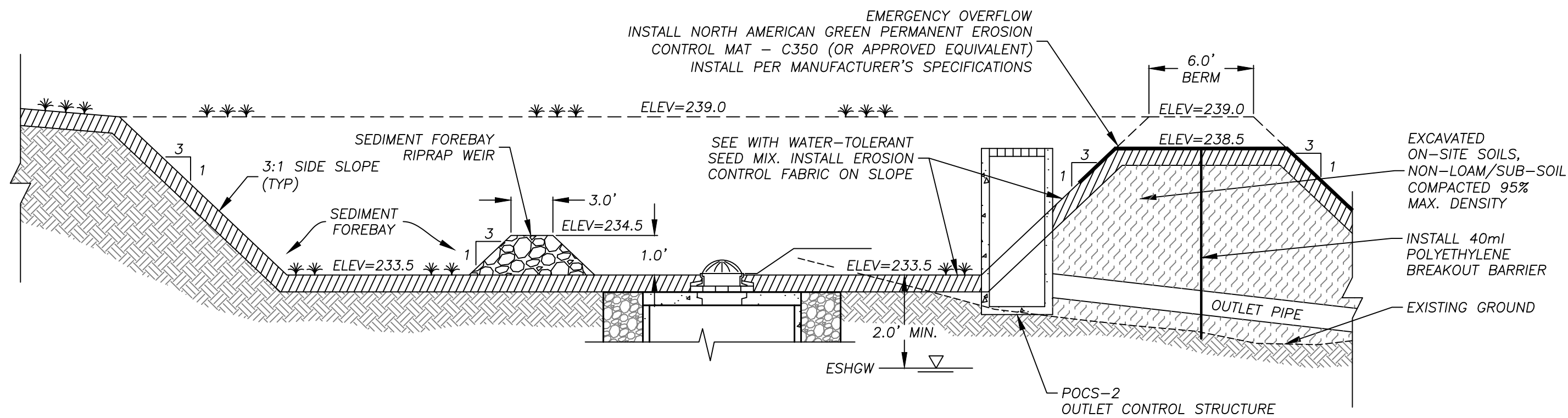
**ISSUANCE DATE:** February 10, 2022  
**REVISIONS:**  
A. Planning & DPW review 5/17/22

**DRAFTED BY:** T.A. & J.T.

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**SCALE:** AS NOTED  
**RLA PROJ. NUMBER:** 200812  
**DRAWING#** **REV.**  
**C-7** **A**

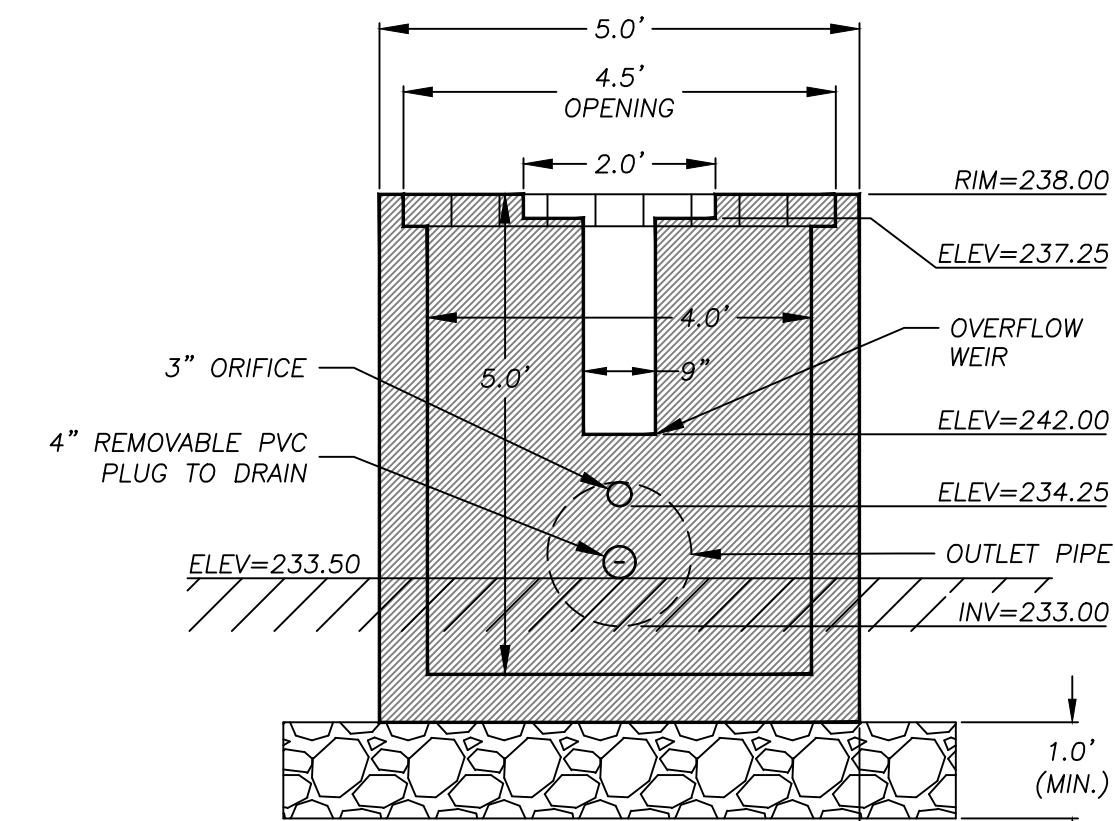




SECTION THROUGH SURFACE INFILTRATION BASIN #2  
NO SCALE

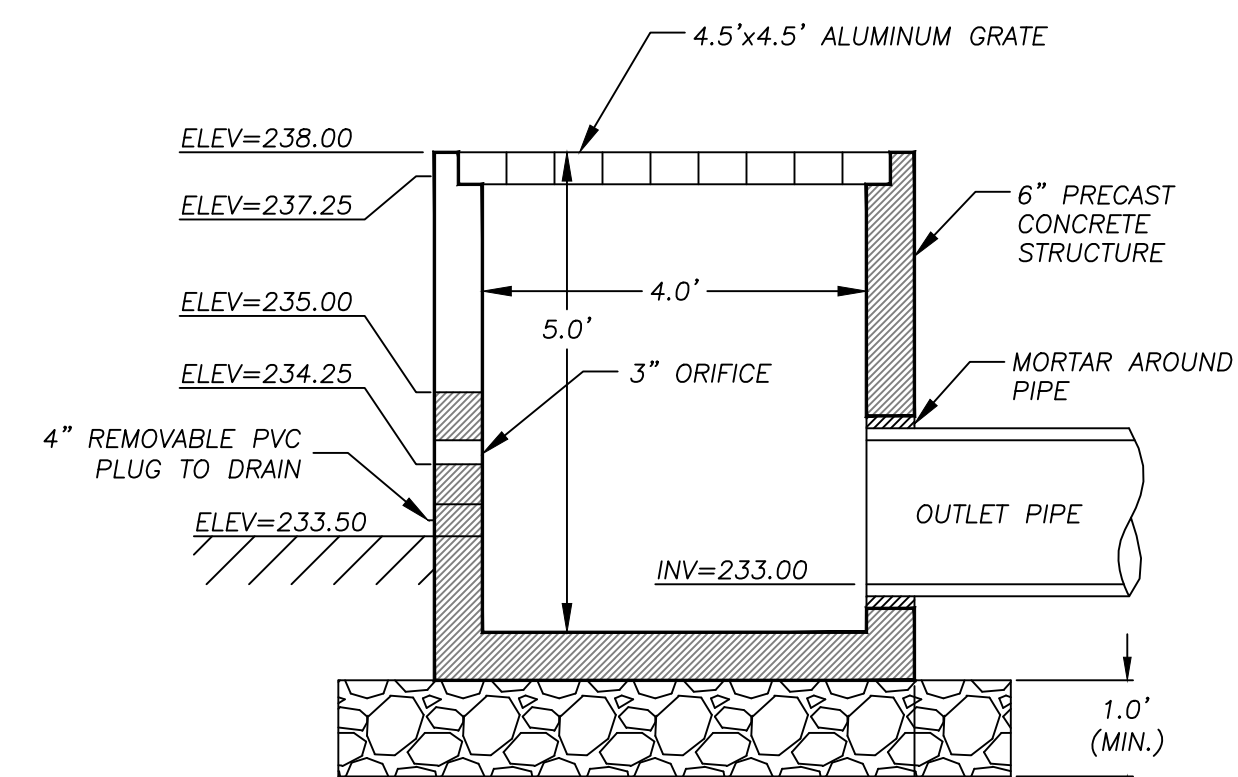
THE ENGINEER SHALL INSPECT THE CONSTRUCTION OF THE BASIN AT THE MILESTONES LISTED BELOW. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION ON THE FOLLOWING:

1. COMPLETION OF EXCAVATION FOR THE INFILTRATION BASIN AREA TO SUBGRADE
2. AFTER SPREADING OF DENSE TURF SEED OR WATER-TOLERANT GRASS

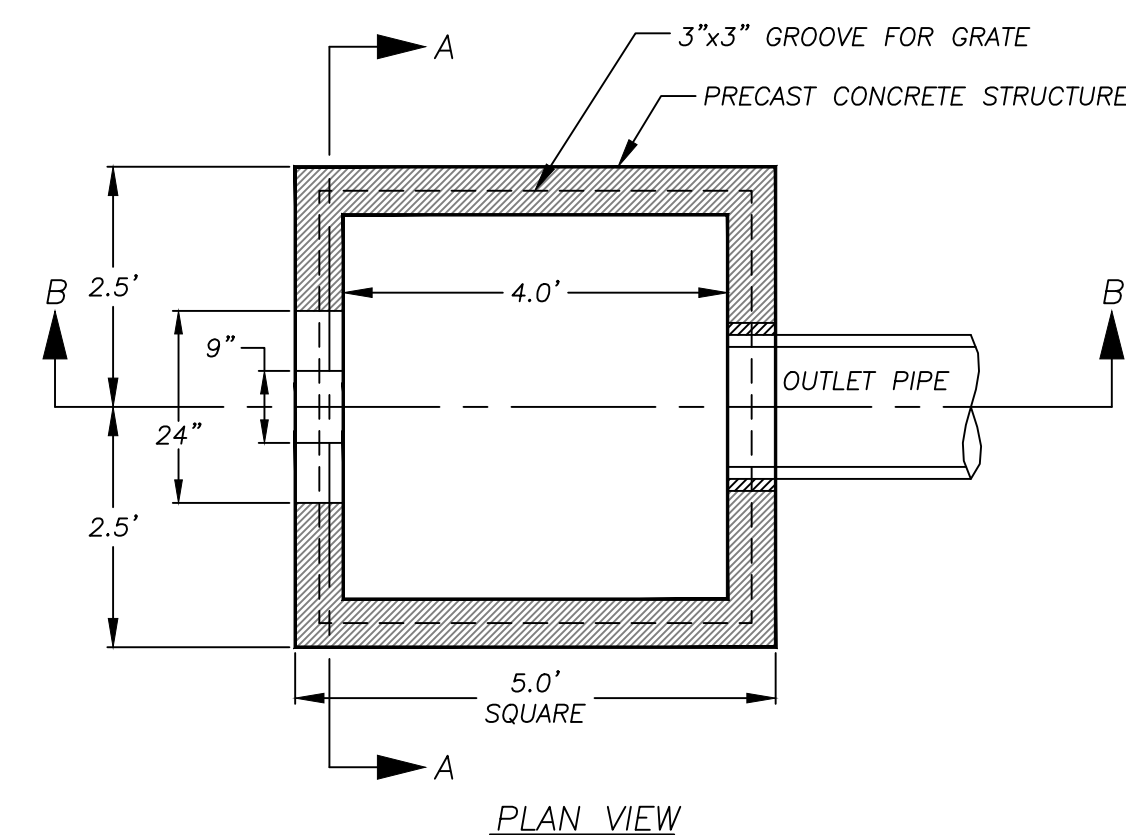


SECTION A-A

1. INFILTRATION BASIN BOTTOM TO BE LOCATED A MINIMUM OF 2.0' ABOVE ESTIMATED SEASONAL HIGH GROUNDWATER (ESHWG).
2. IMMEDIATELY AFTER CONSTRUCTING THE BASIN, STABILIZE THE BOTTOM AND SIDE SLOPES WITH WATER-TOLERANT GRASS.
3. DURING BASIN EXCAVATION, USE NATIVE SOILS THAT WERE EXCAVATED FROM THE A OR B HORIZONS AND MIX WITH COMPOST, PROPERLY AGED TO KILL ANY SEED STOCK. SCARIFY THE NATIVE MATERIALS AND USE THE COMPOST MATERIAL TO SHAPE THE BASIN. MIX INTO THE PARENT MATERIAL TO A DEPTH OF 12 INCHES.
4. DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF, WATER FROM EXCAVATIONS, ETC.) TO THE INFILTRATION BASIN AREAS DURING ANY STAGE OF CONSTRUCTION.
5. DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH HEAVY CONSTRUCTION EQUIPMENT. PERFORM EXCAVATIONS WITH LIGHT EARTH-MOVING EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM IF FEASIBLE.
6. IF INFILTRATION BASIN AREAS ARE EXPOSED DURING CONSTRUCTION AND DO RECEIVE SEDIMENT DEPOSITS, BASIN BOTTOM MUST BE OVER EXCAVATED 6-8" INTO NATIVE MATERIAL TO REMOVE SEDIMENT DEPOSITS.
7. ALL DRAINAGE AREAS TO AN INFILTRATION BASIN FACILITY ARE TO BE STABILIZED PRIOR TO INSTALLATION OF TOPSOIL/COMPOST MIX AND SEED MIX.
8. INFILTRATION BASIN BOTTOMS AND EMBANKMENTS TO BE SEEDS AS NOTED ON PLANS. TREES OR SHRUBS TO BE PLANTED WITHIN INFILTRATION BASINS OR EMBANKMENTS TO BE USED.

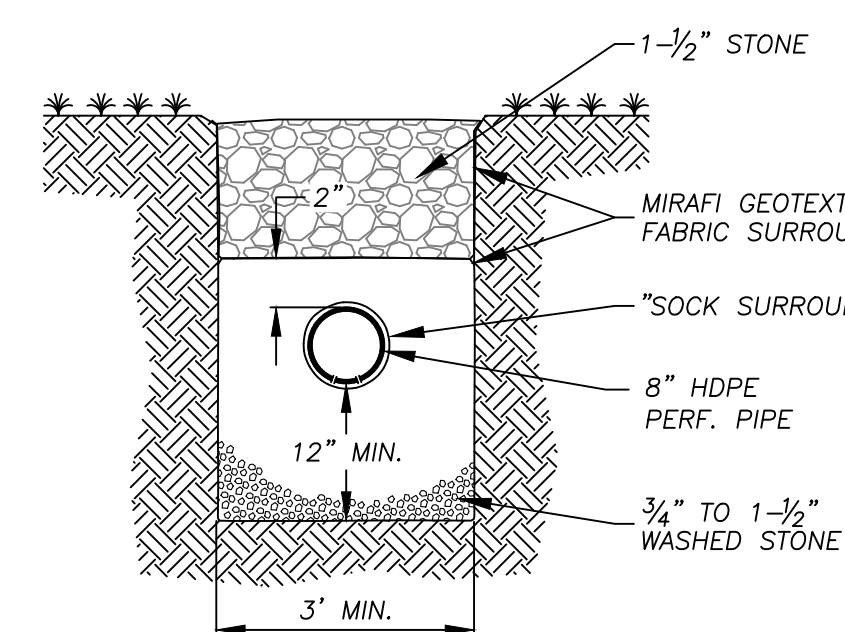


SECTION B-B



## OUTLET CONTROL STRUCTURE (POCS-2)

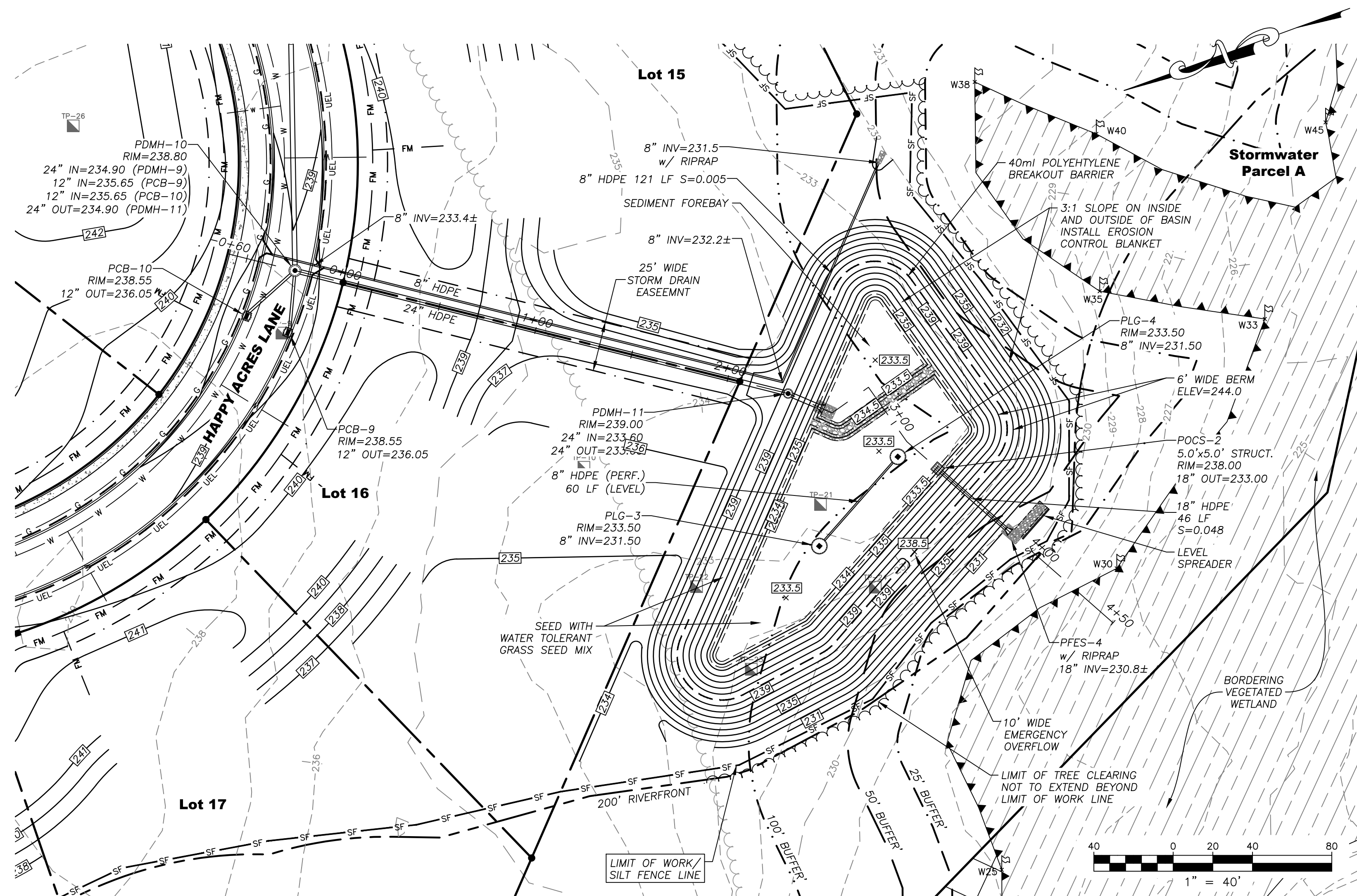
NO SCALE



PERFORATED PIPE TRENCH DETAIL

NO SCALE

**PERMITTING**  
NOT FOR CONSTRUCTION



## INFILTRATION BASIN #2 AND STORM DRAIN EASEMENT DETAIL

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$$1'' = 40'$$

East Longmeadow Planning Board		
Names of Planning Board Members	Action Taken	Date
	Application Filed	
	Preliminary Plan Filed	
	Definitive Plan Filed	
	Public Hearing	
	Approval of Board of Health	
	Plan Approved	
	Plan Endorsed	

**R LEVESQUE  
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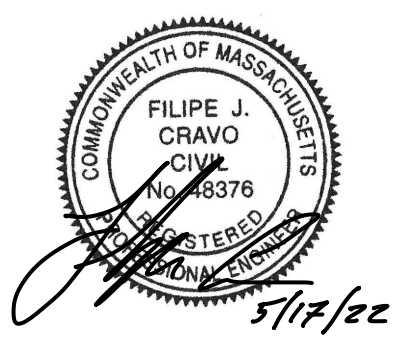
ph: 413.568.0985 fax: 413.568.0986

40 School Street  
Westfield, MA 01085

rlaland.com

## INFILTRATION BASIN #2

**Southerly of South Bend Lane  
(A Portion of Parcel 54-6-0)  
East Longmeadow, Mass.**



**PREPARED FOR:**

Ms. Marlene Goldstein  
43 South Bend Lane  
East Longmeadow, Mass.

ISSUANCE DATE: February 10, 2022

<b>REVISIONS:</b>	<b>DATE:</b>
A. Planning & DPW review	5/17/22

**DRAFTED BY:** T.A. & J.T.

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**SCALE:** AS NOTED

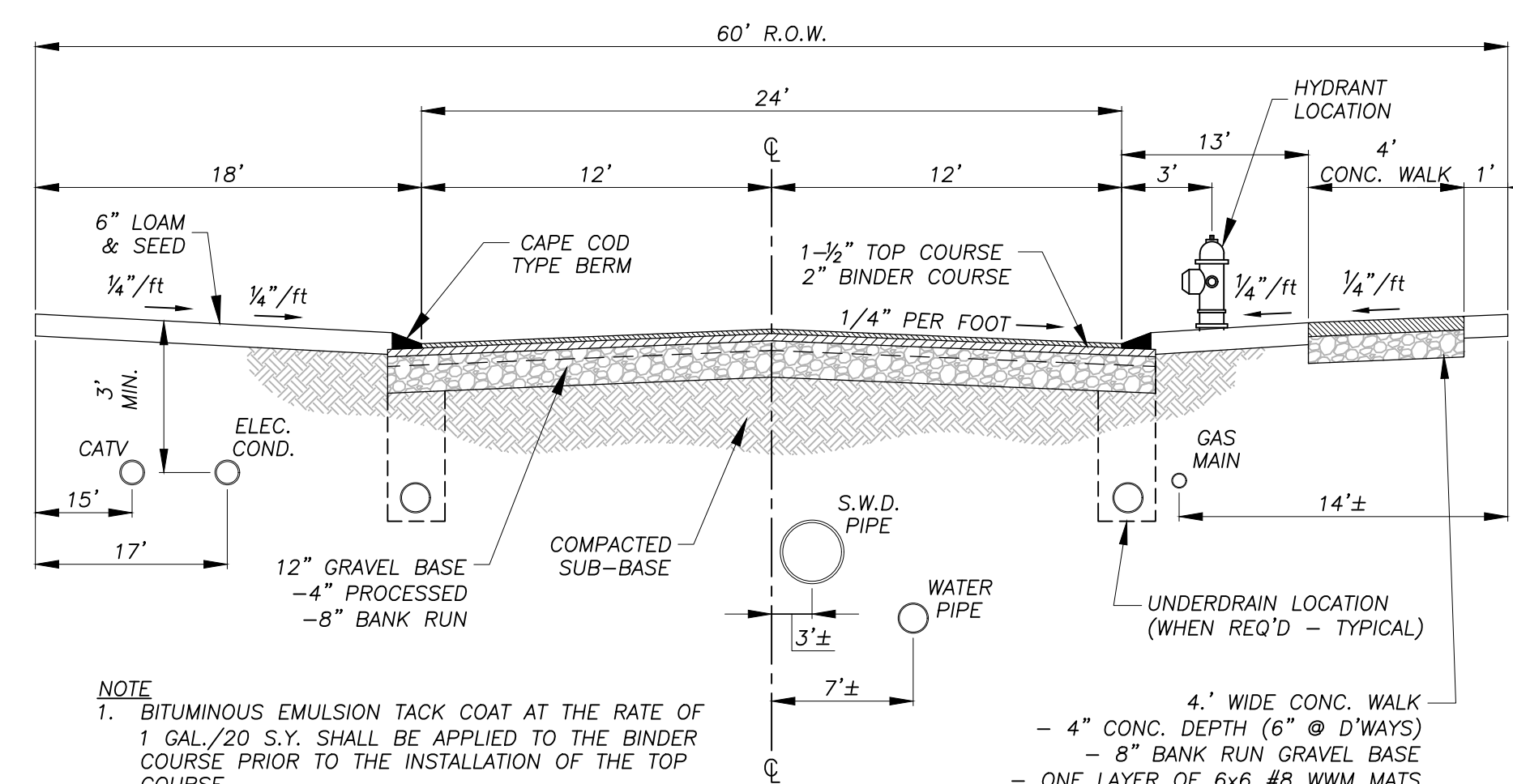
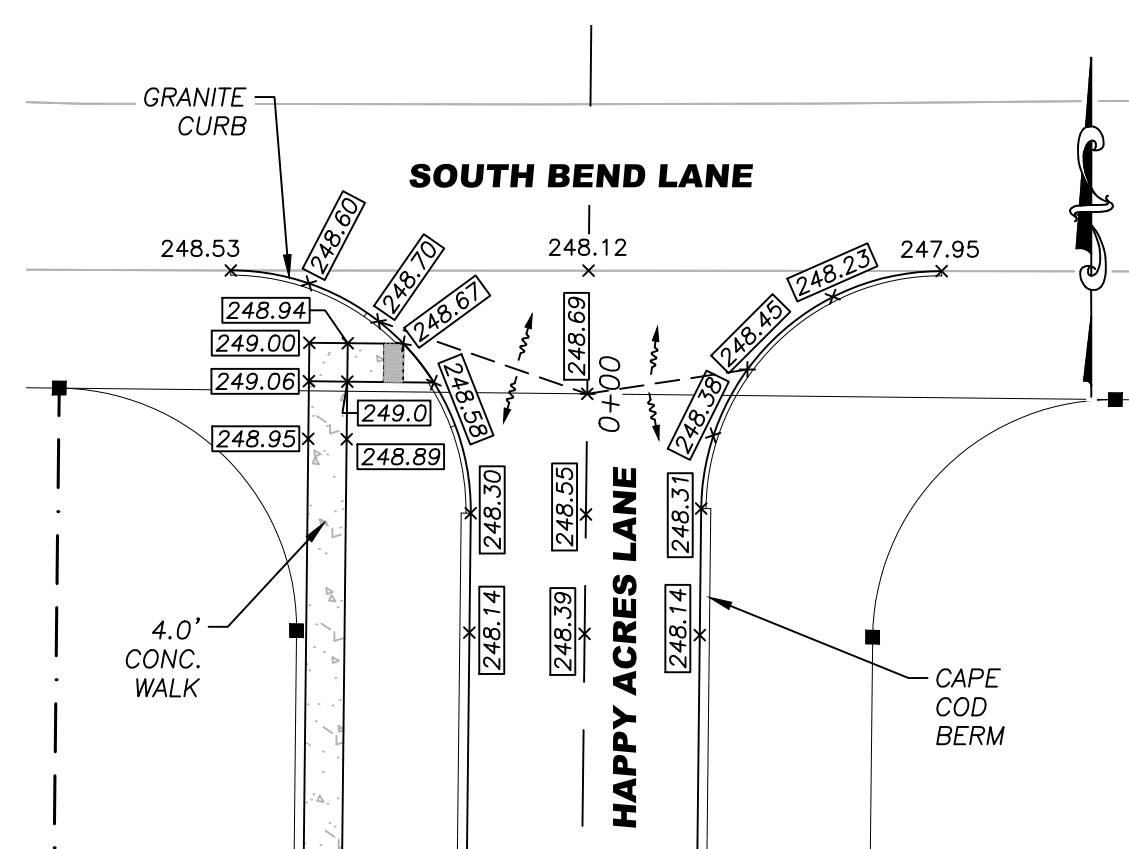
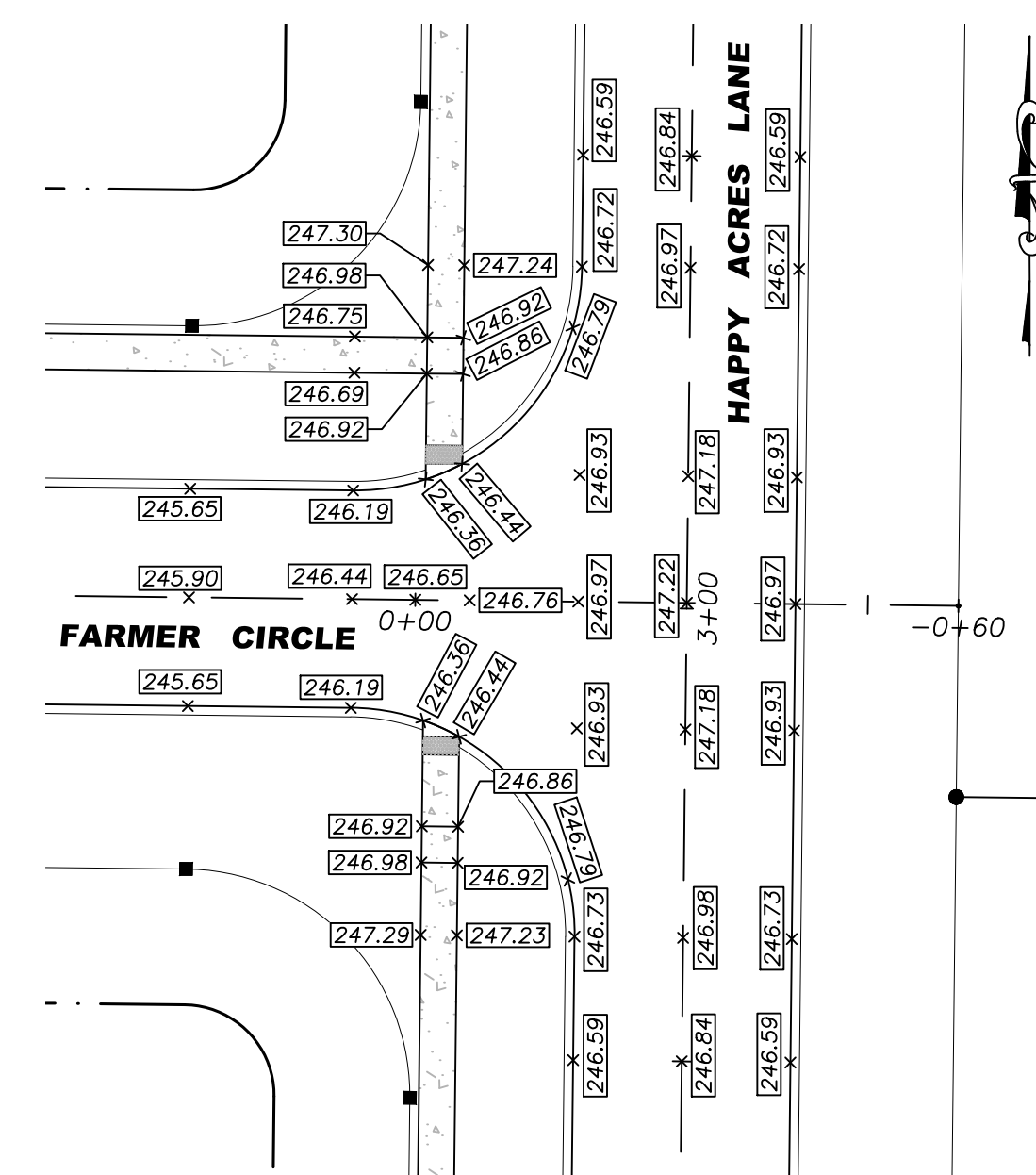
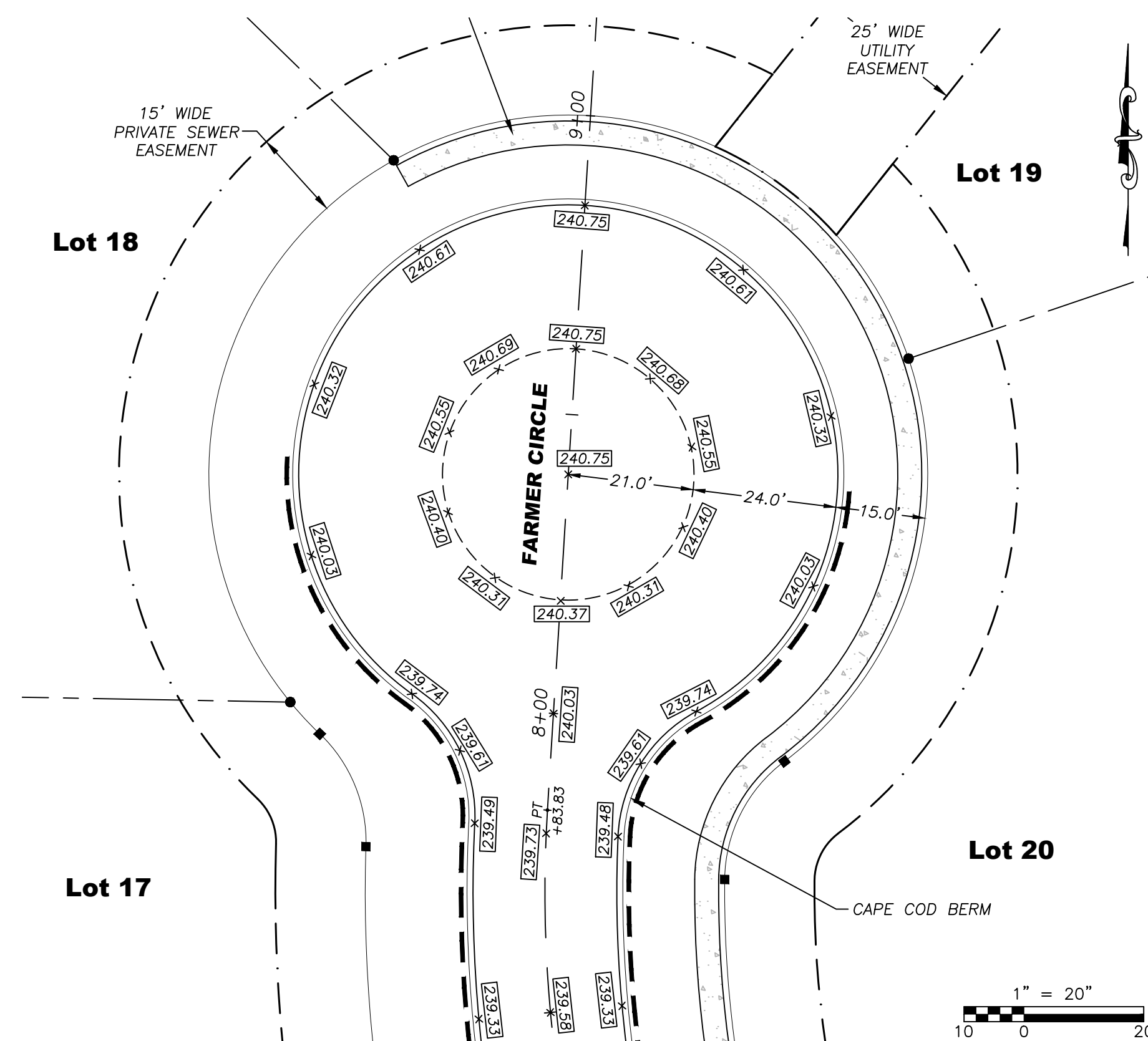
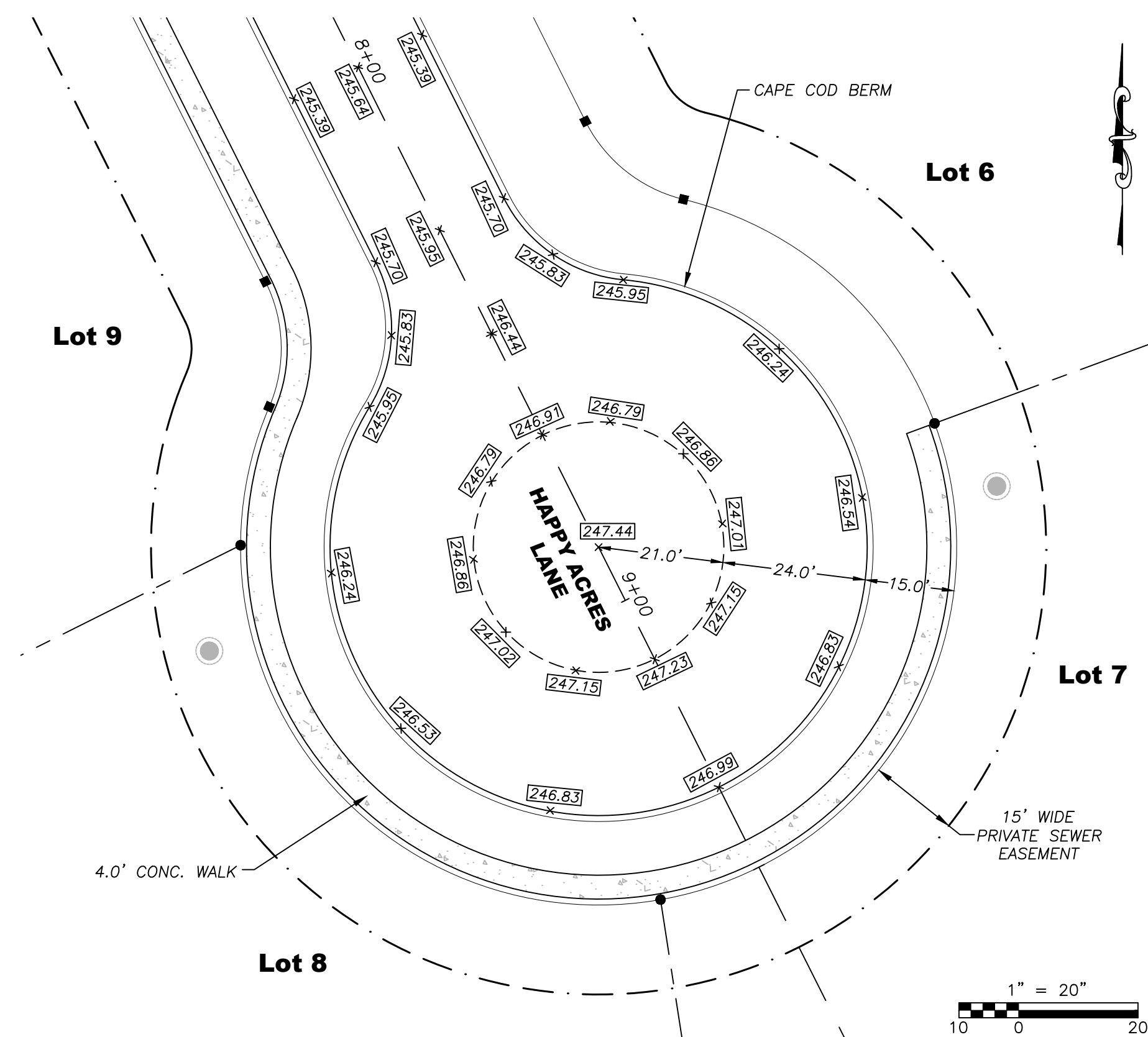
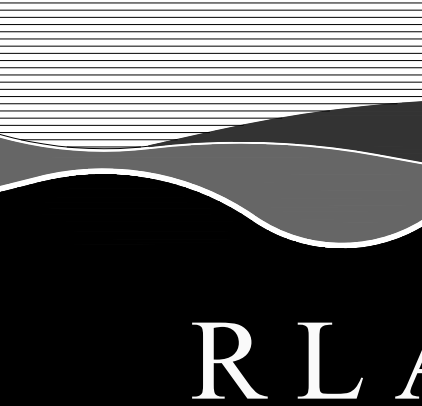
RLA PROJ. NUMBER: 200812

<b>DRAWING#</b>	<b>REV.</b>
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C-8

A



[illegible]

**R L A**

**R LEVESQUE**  
**ASSOCIATES INC.**

Landscape Architects  
Civil Engineers • Land Surveyors  
Environmental Consultants

ph: 413.568.0985 fax: 413.568.0986

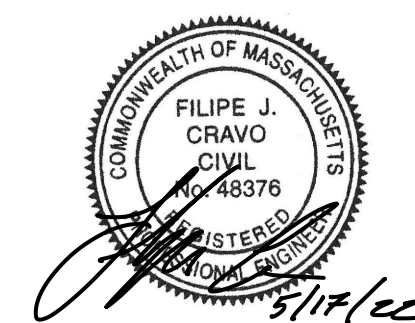
40 School Street  
Westfield, MA 01085

**rlaland.com**

**DETAILS**

---

**Southerly of South Bend Lane  
(A Portion of Parcel 54-6-0)  
East Longmeadow, Mass.**



<b>ISSUANCE DATE:</b> February 10, 2022	
<b>REVISIONS:</b>	<b>DATE:</b>
A. Planning & DPW review	5/17/22

**DRAFTED BY:** T.A. & J.T.

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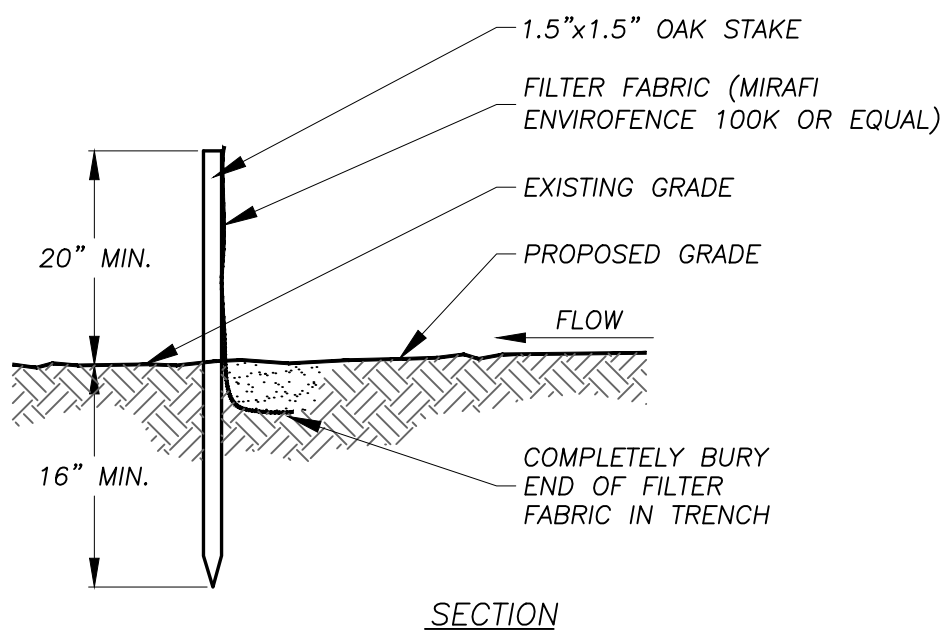
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<b>DRAWING#</b>	<b>REV.</b>
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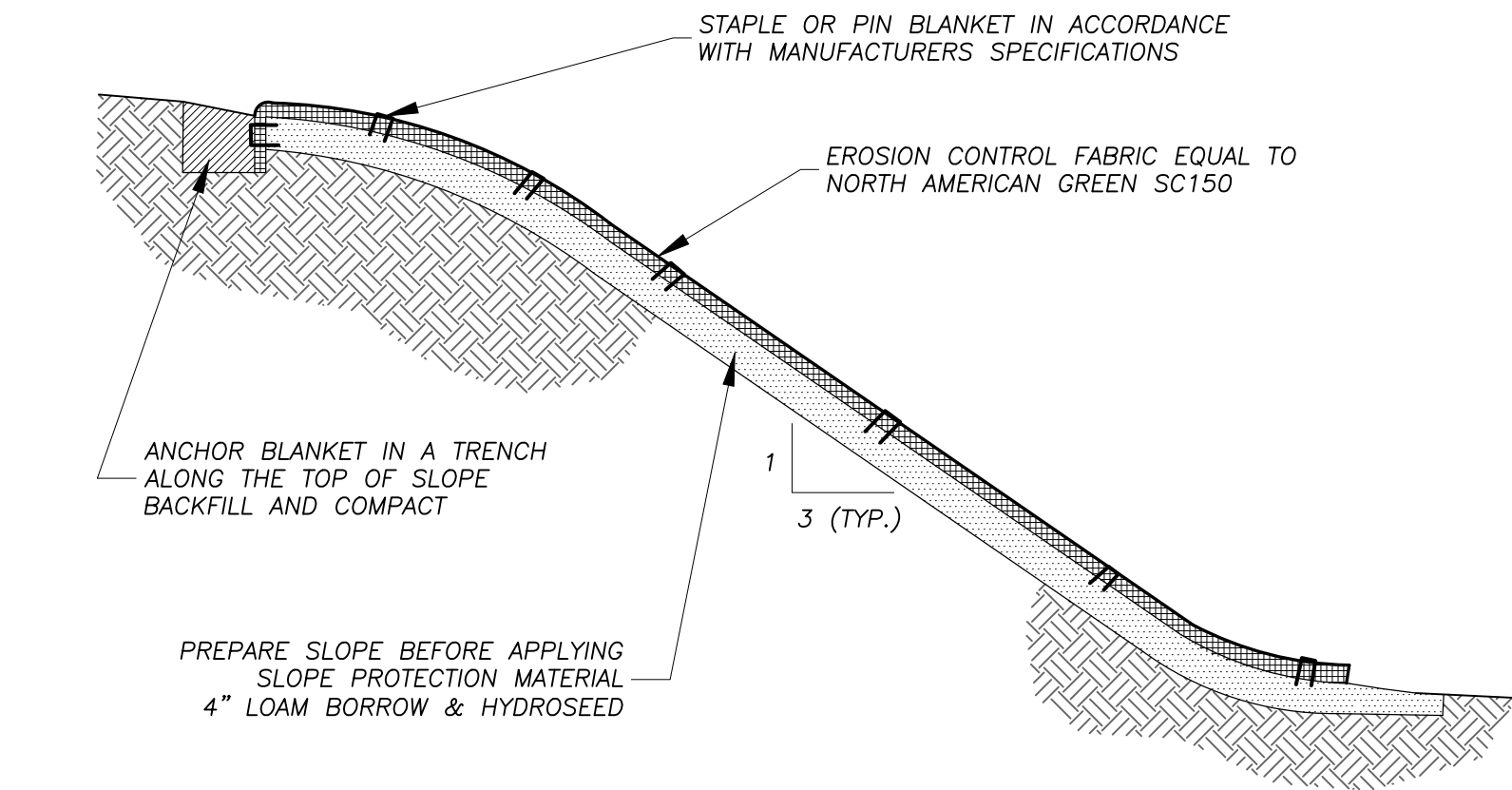
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**PERMITTING**  
NOT FOR CONSTRUCTION

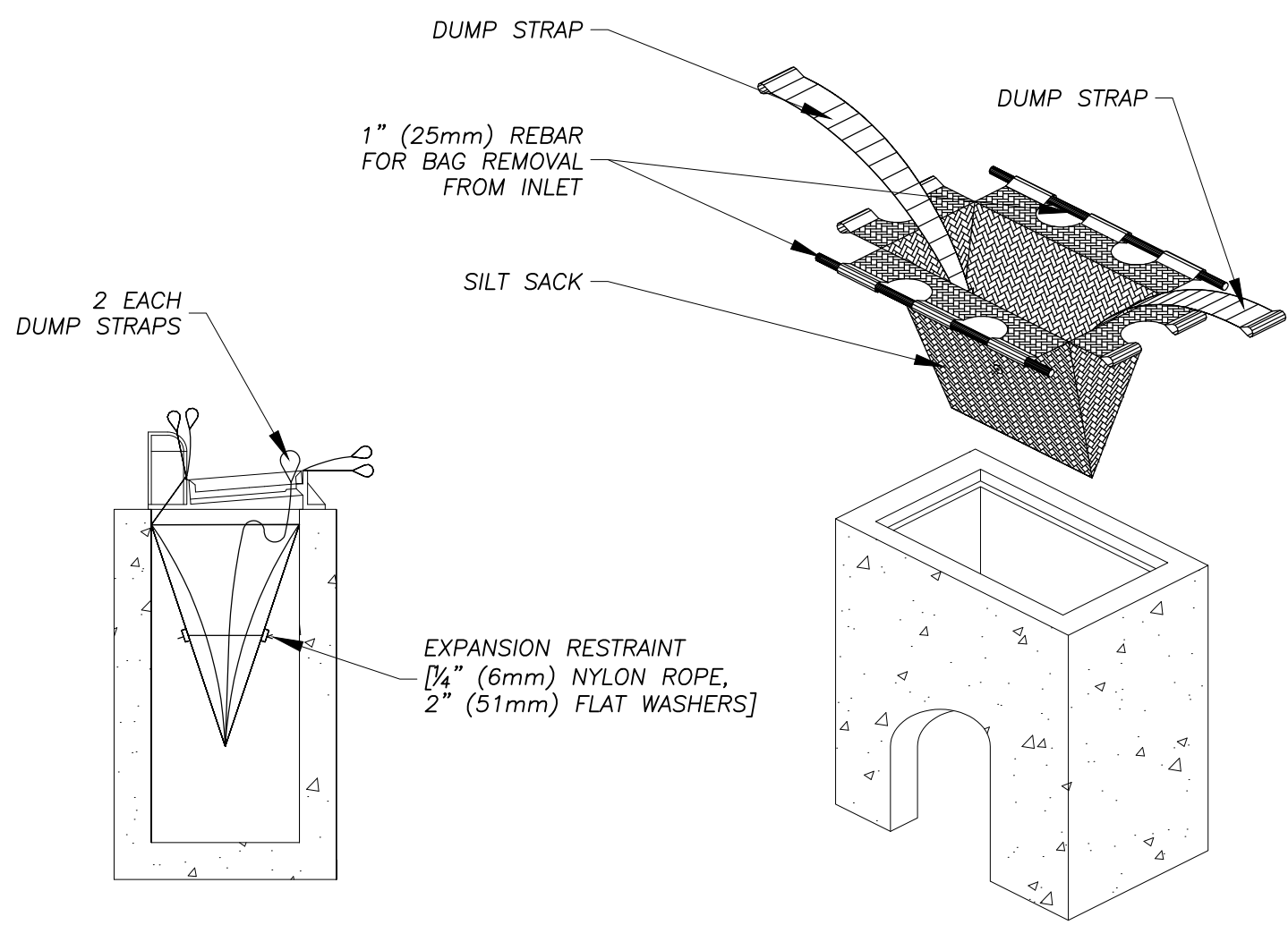




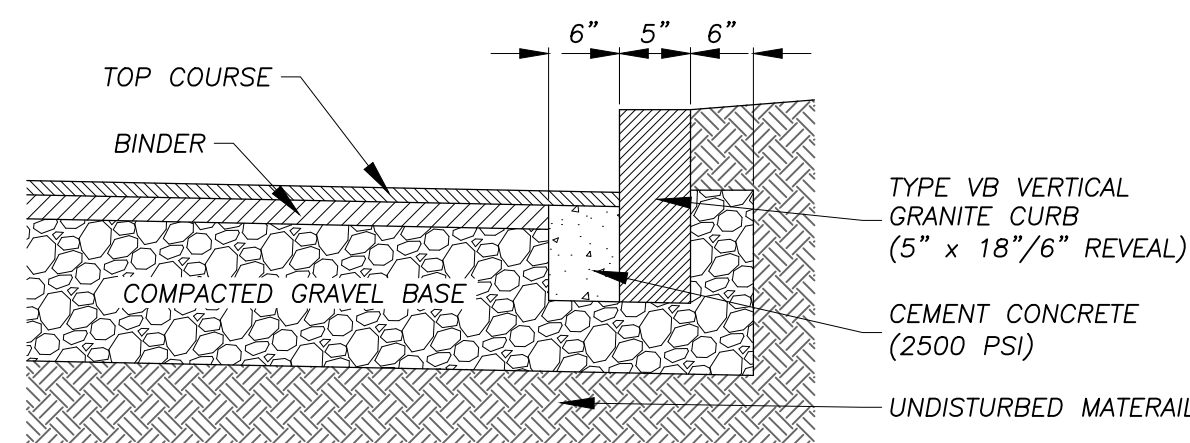
SILT FENCE DETAIL  
NO SCALE



SLOPE PROTECTION MATERIAL INSTALLATION (AS REQ'D)  
NO SCALE



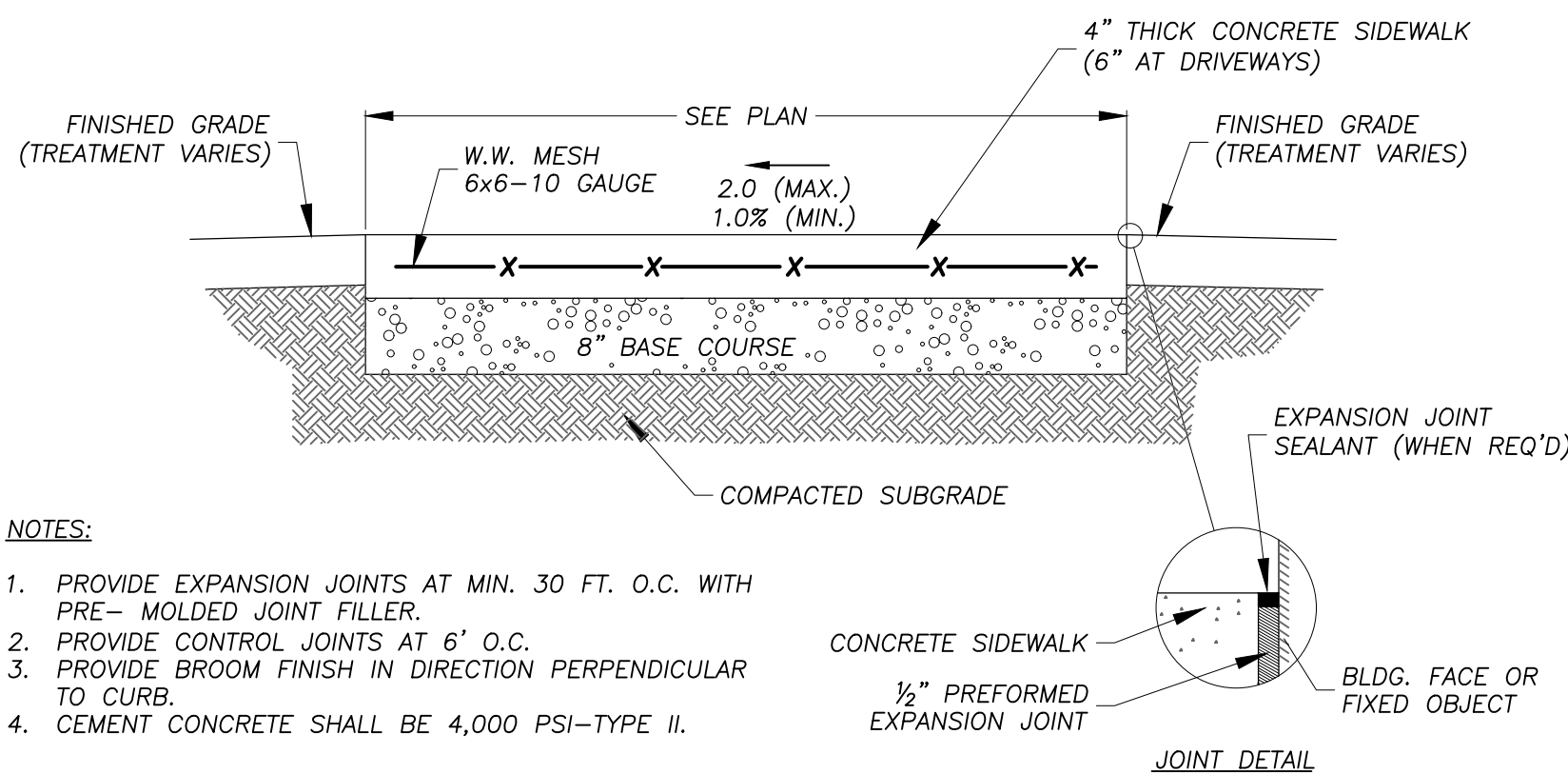
INLET PROTECTION - SEDIMENT FILTER SACK  
NO SCALE



PROCEDURE DESCRIBED HEREIN IS APPLICABLE ONLY IF CURB IS TO BE SET AFTER BASE AND/OR BINDER COURSE ARE IN PLACE. OTHERWISE CEMENT CONCRETE WILL BE ELIMINATED AND GRAVEL WILL BE BROUGHT UP TO THE BOTTOM OF THE BASE COURSE. FOR DESCRIPTION, MATERIALS AND CONSTRUCTION METHODS, SEE SPECIFICATIONS.

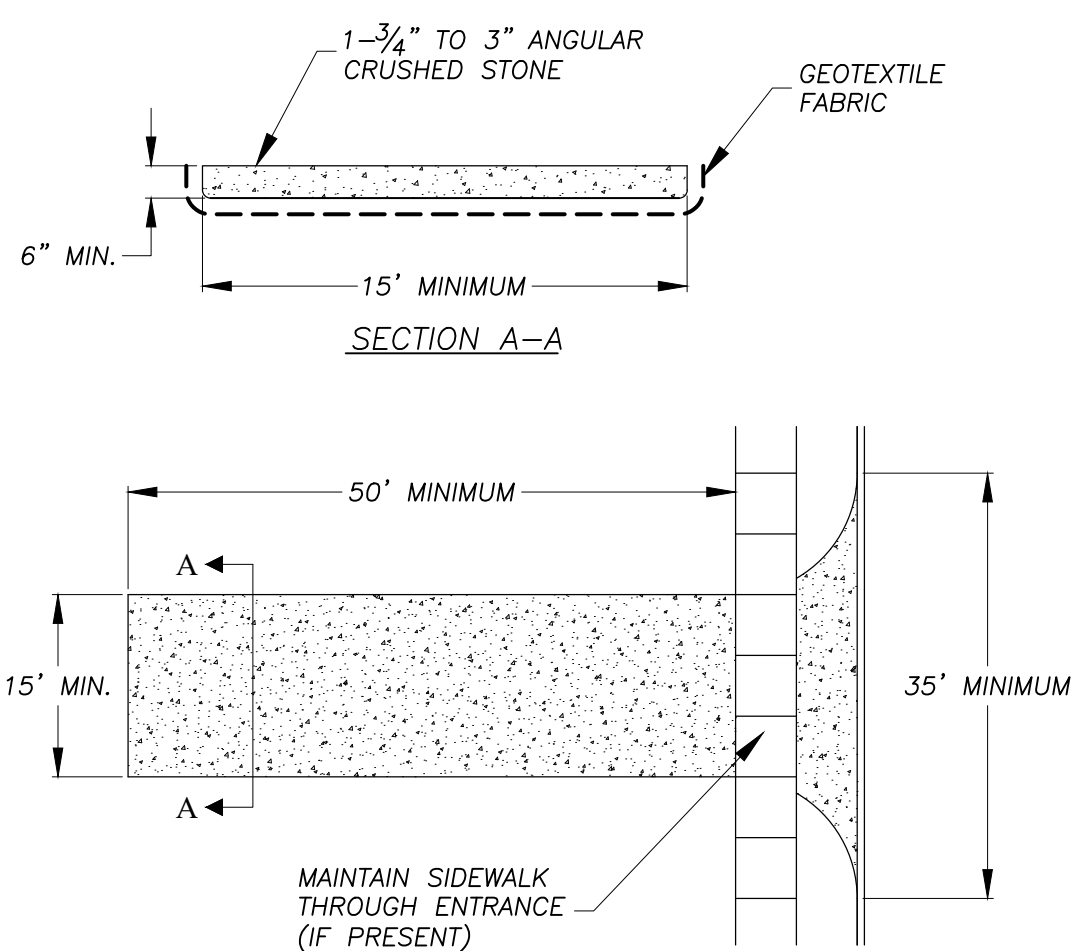
- NOTES:
- CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BINDER, BASE AND STONE, AND REPLACE WITH CEMENT CONCRETE.
  - ACCEPTABLE CEMENT CONCRETE IS ANY CLASS UNDER SECTION M4 OF THE 1988 MHD STANDARD SPECIFICATIONS; ALL TEST REQUIREMENTS ARE WAIVED. HMA IS NOT AN ACCEPTABLE SUBSTITUTE
  - WHEN SET ON RADII, THE CURBING SHALL BE CUT WITH THE REQUIRED RADIUS OF CURVATURE.

VERTICAL GRANITE CURB  
NO SCALE



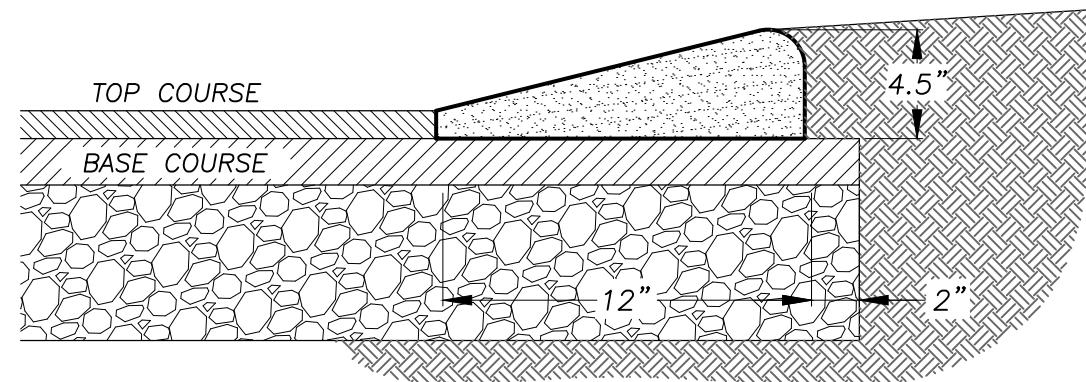
- NOTES:
- PROVIDE EXPANSION JOINTS AT MIN. 30 FT. O.C. WITH PRE- MOLDED JOINT FILLER.
  - PROVIDE CONTROL JOINTS AT 6' O.C.
  - PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
  - CEMENT CONCRETE SHALL BE 4,000 PSI-TYPE II.

REINFORCED CONCRETE SIDEWALK SECTION  
NO SCALE

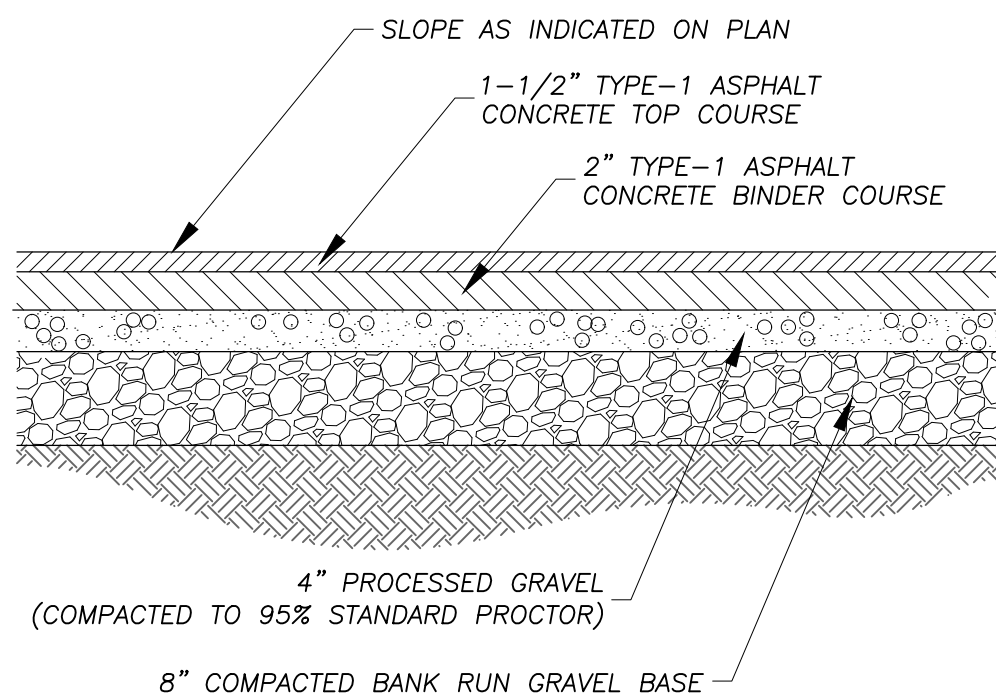


- NOTES
- EACH SITE ENTRANCE IS TO HAVE A TEMPORARY CONSTRUCTION ENTRANCE.
  - STONE IS TO BE 1-3/4" TO 3" ANGULAR CRUSHED STONE.
  - PLACE GEOTEXTILE OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
  - ANY SEDIMENT TRACKED INTO THE ROADWAY NEEDS TO BE CLEANED IMMEDIATELY.
  - ADDITIONAL STONE IS TO BE ADDED TO THE PAD AS NEEDED TO MAINTAIN THE ORIGINAL DEPTH.
  - ANY SIDEWALK DAMAGED DURING CONSTRUCTION MUST BE REPLACED AT THE CONTRACTORS/DEVELOPERS EXPENSE.
  - SIDEWALK MUST REMAIN PASSABLE, IF THE SIDEWALK BECOMES UNSAFE OR IMPASSABLE, A TEMPORARY SIDEWALK/ SIDEWALK DETOUR MUST BE PROVIDED.

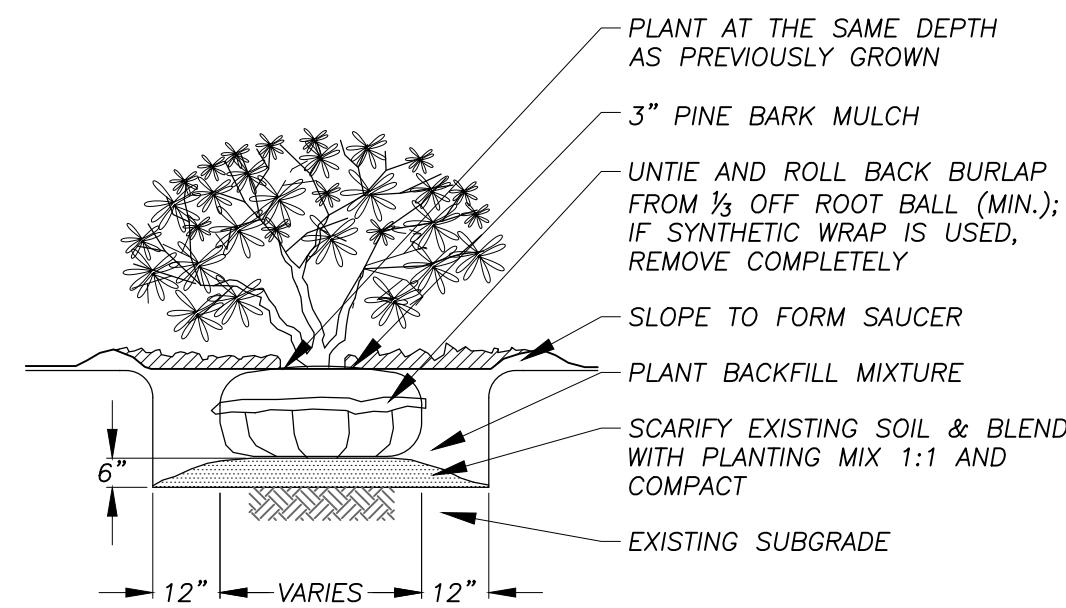
ANTI-TRACKING APRON (AS REQ'D)  
NO SCALE



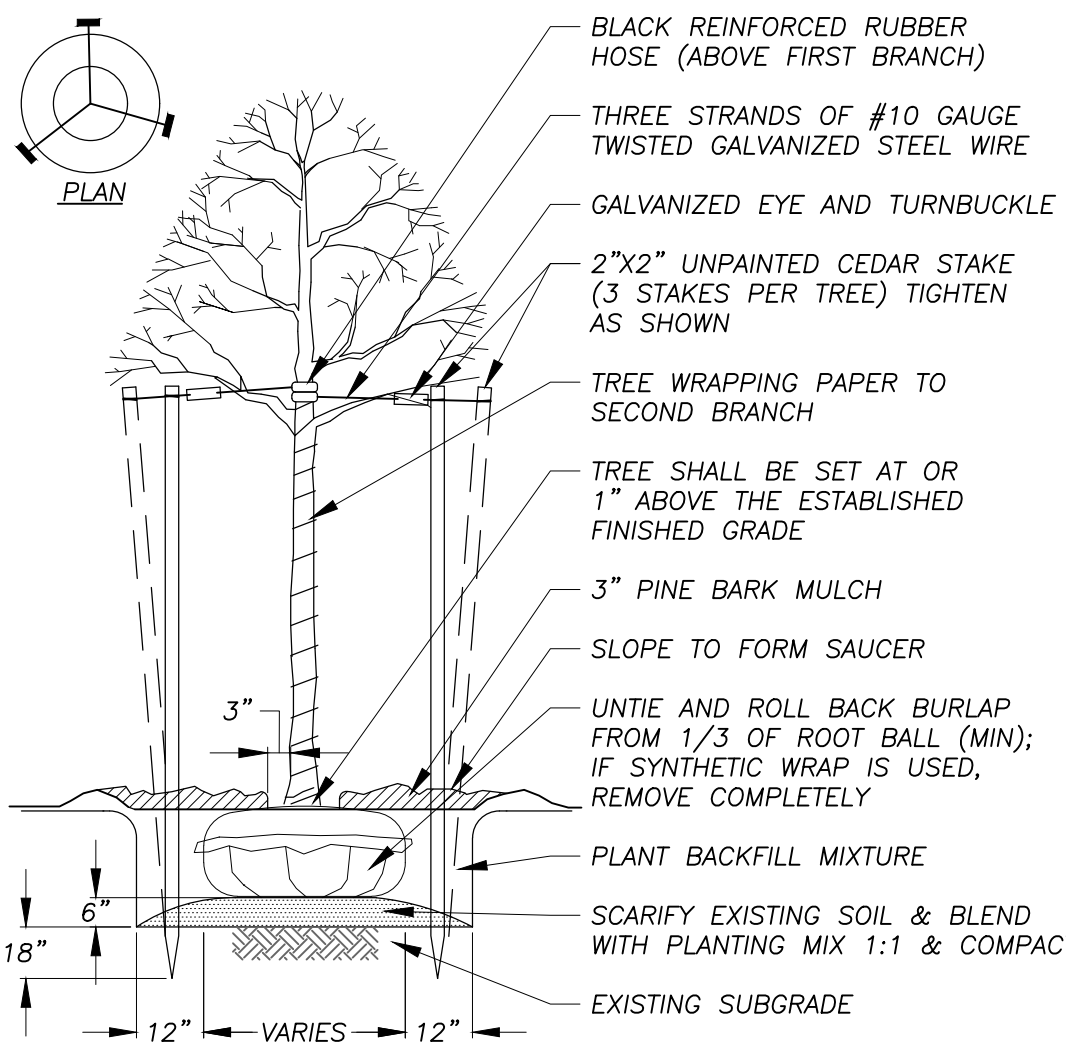
BITUMINOUS CONCRETE BERM (CAPE COD)  
NO SCALE



BITUMINOUS CONCRETE PAVING DETAIL  
NO SCALE



SHRUB PLANTING DETAIL  
NO SCALE



TREE PLANTING DETAIL  
NO SCALE

DETAILS

Southerly of South Bend Lane  
(A Portion of Parcel 54-6-0)  
East Longmeadow, Mass.



PREPARED FOR:

Ms. Marlene Goldstein  
43 South Bend Lane  
East Longmeadow, Mass.

ISSUANCE DATE: February 10, 2022

REVISIONS: DATE:

DRAFTED BY: T.A. & J.T.

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SCALE: AS NOTED

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DRAWING# REV.

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NOT FOR CONSTRUCTION





## WATER MAIN · HORIZONTAL THRUST BLOCK DETAILS

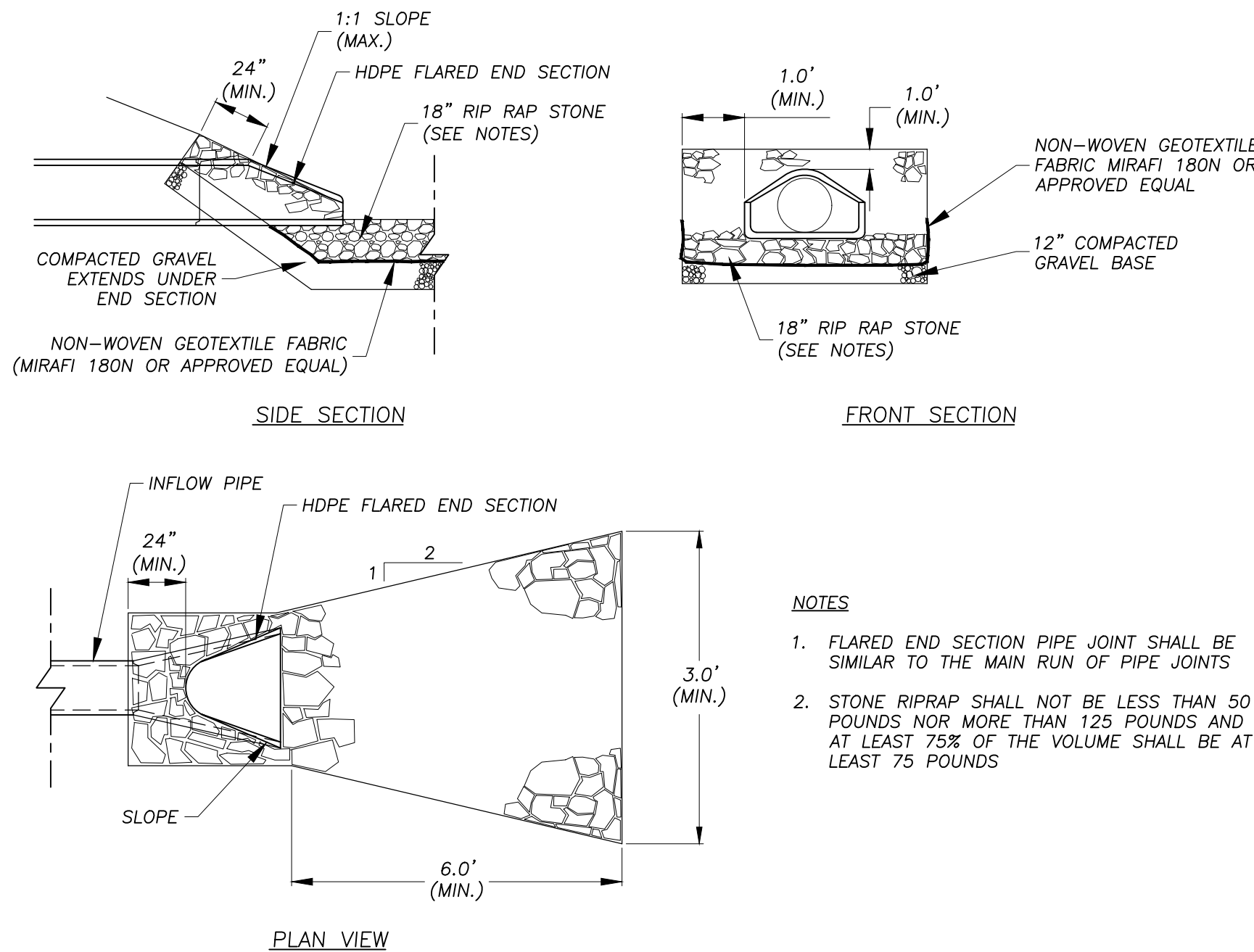


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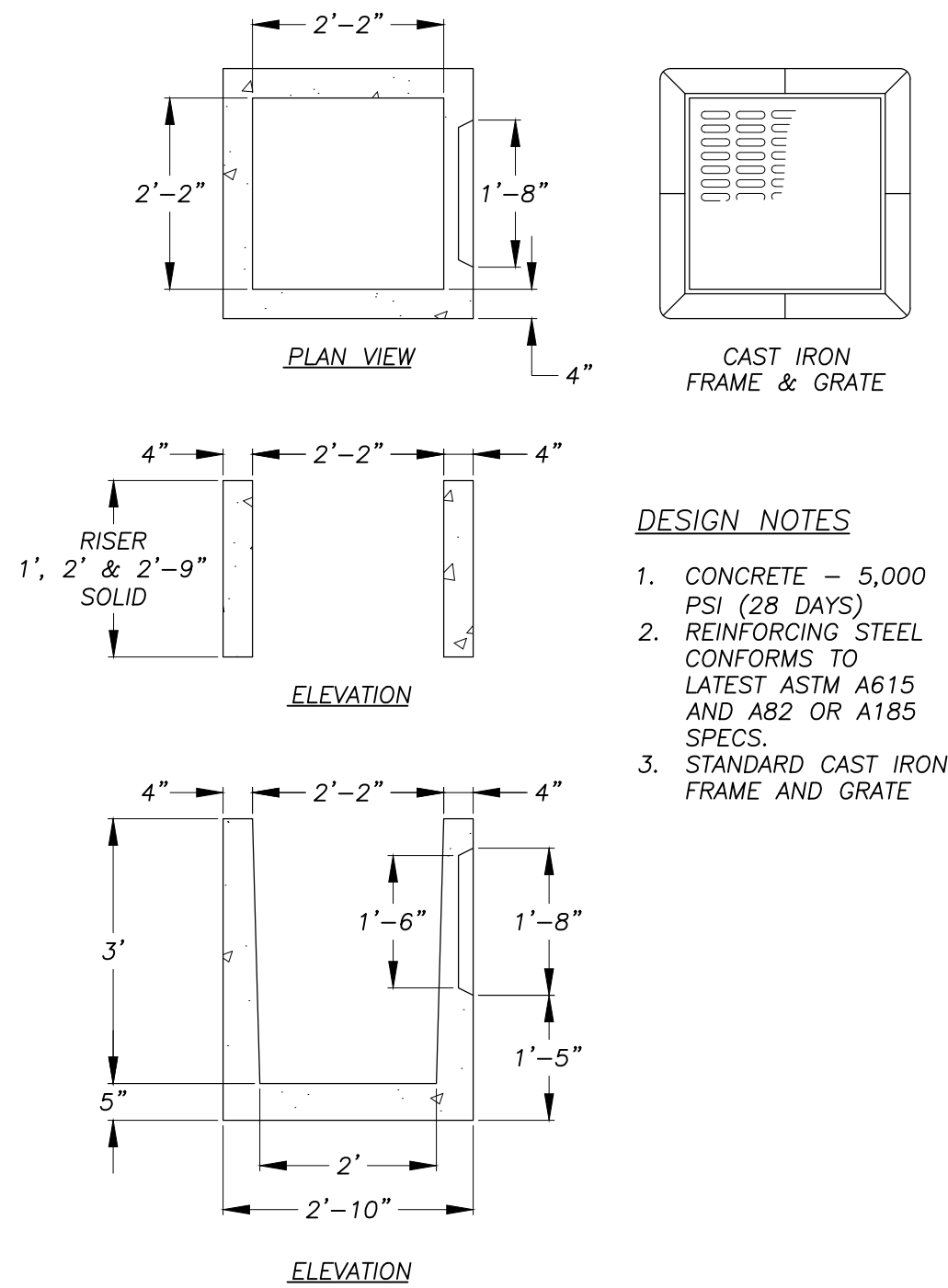




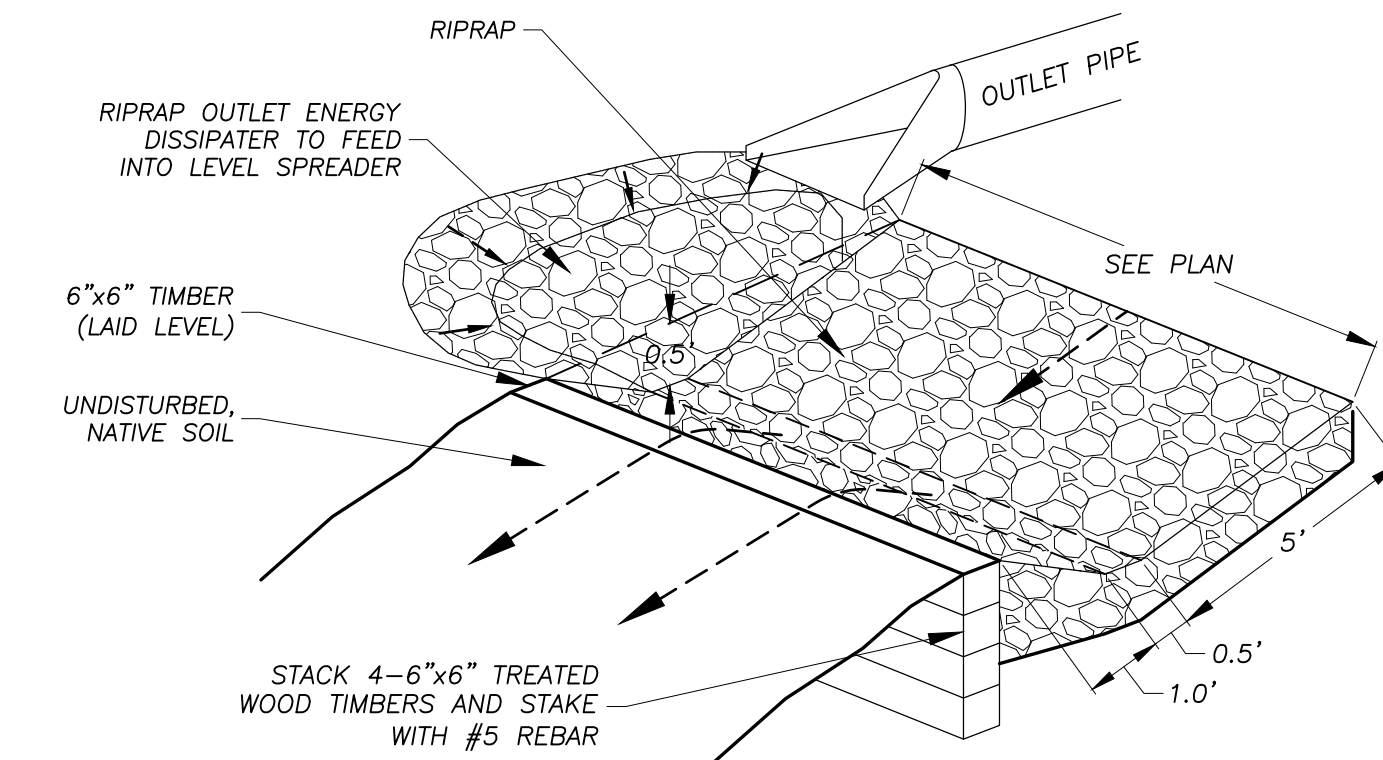
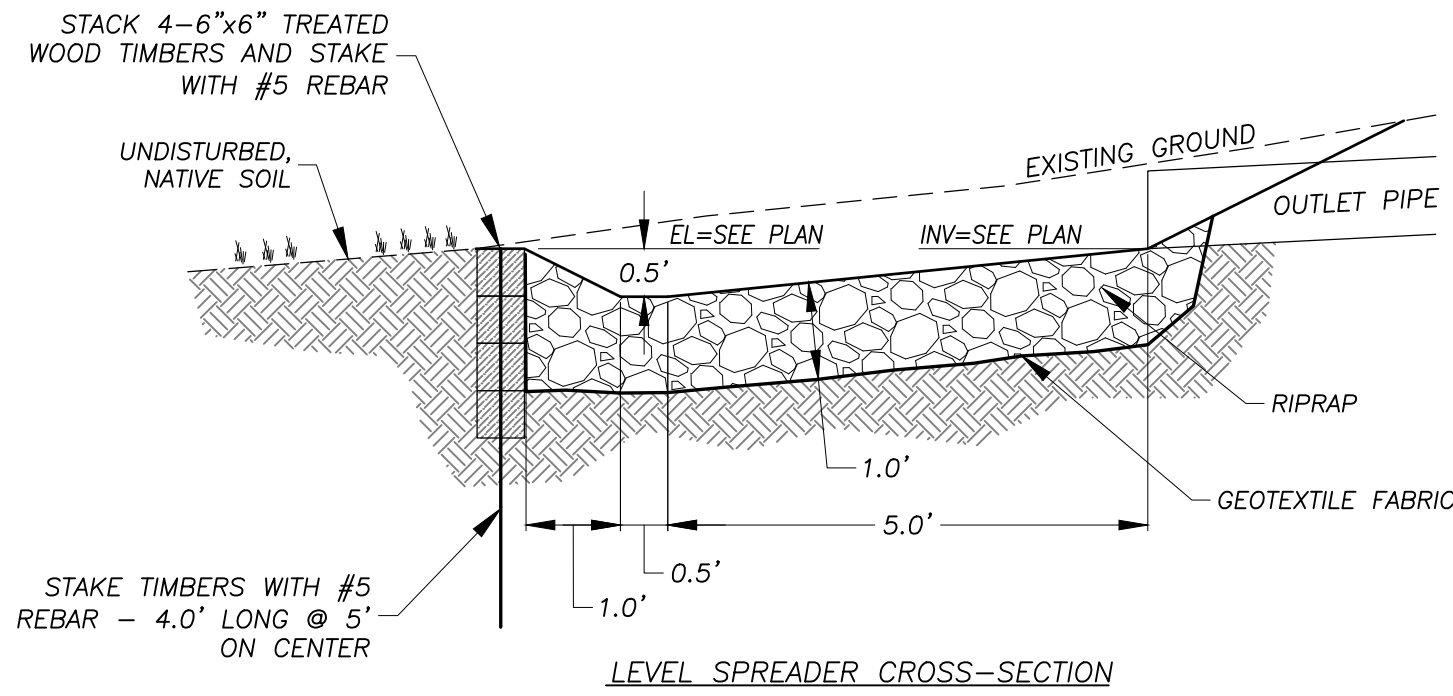
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STANDARD RIP RAP PIPE OUTLET  
NO SCALE

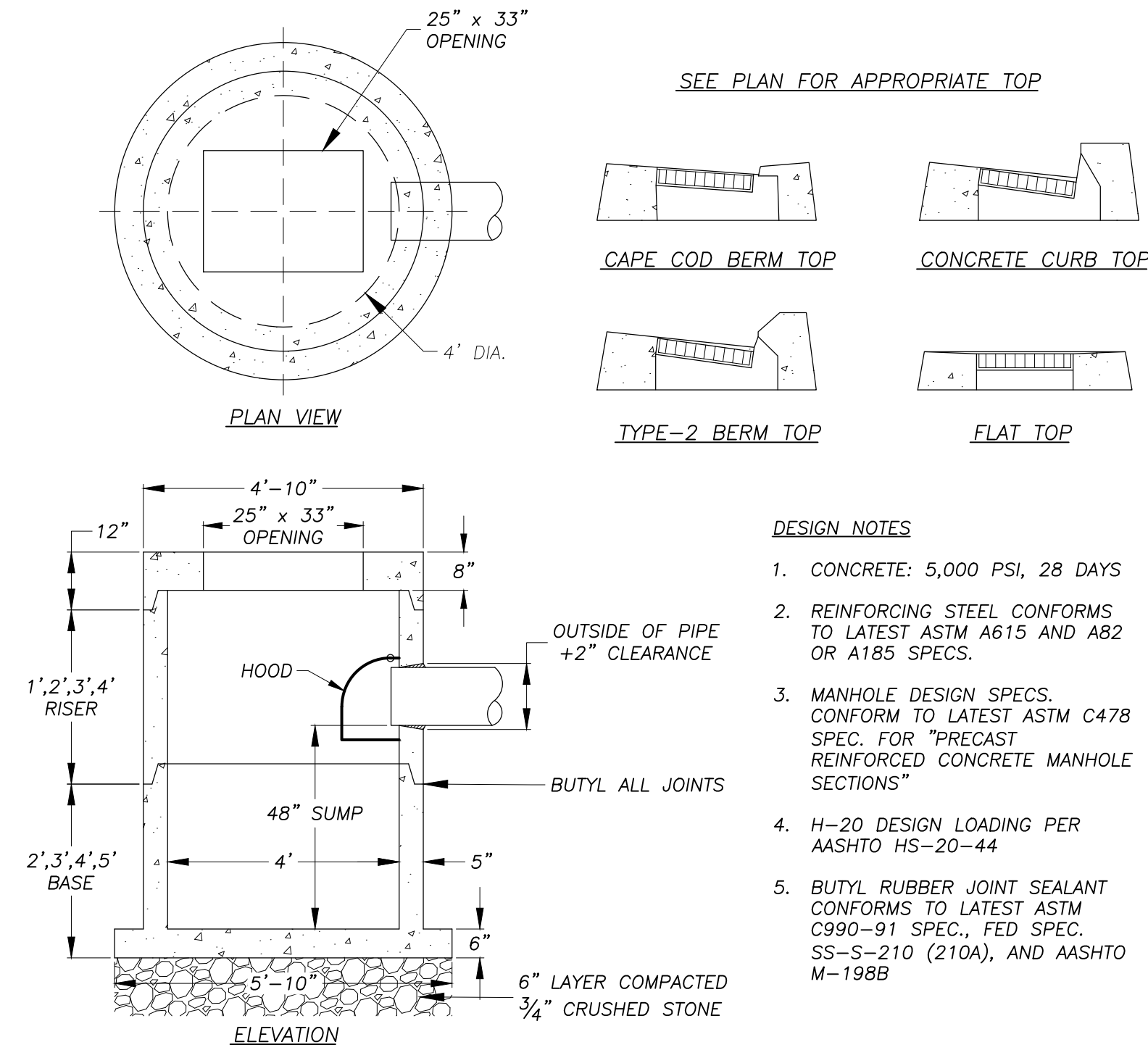


YARD DRAIN DETAIL  
NO SCALE

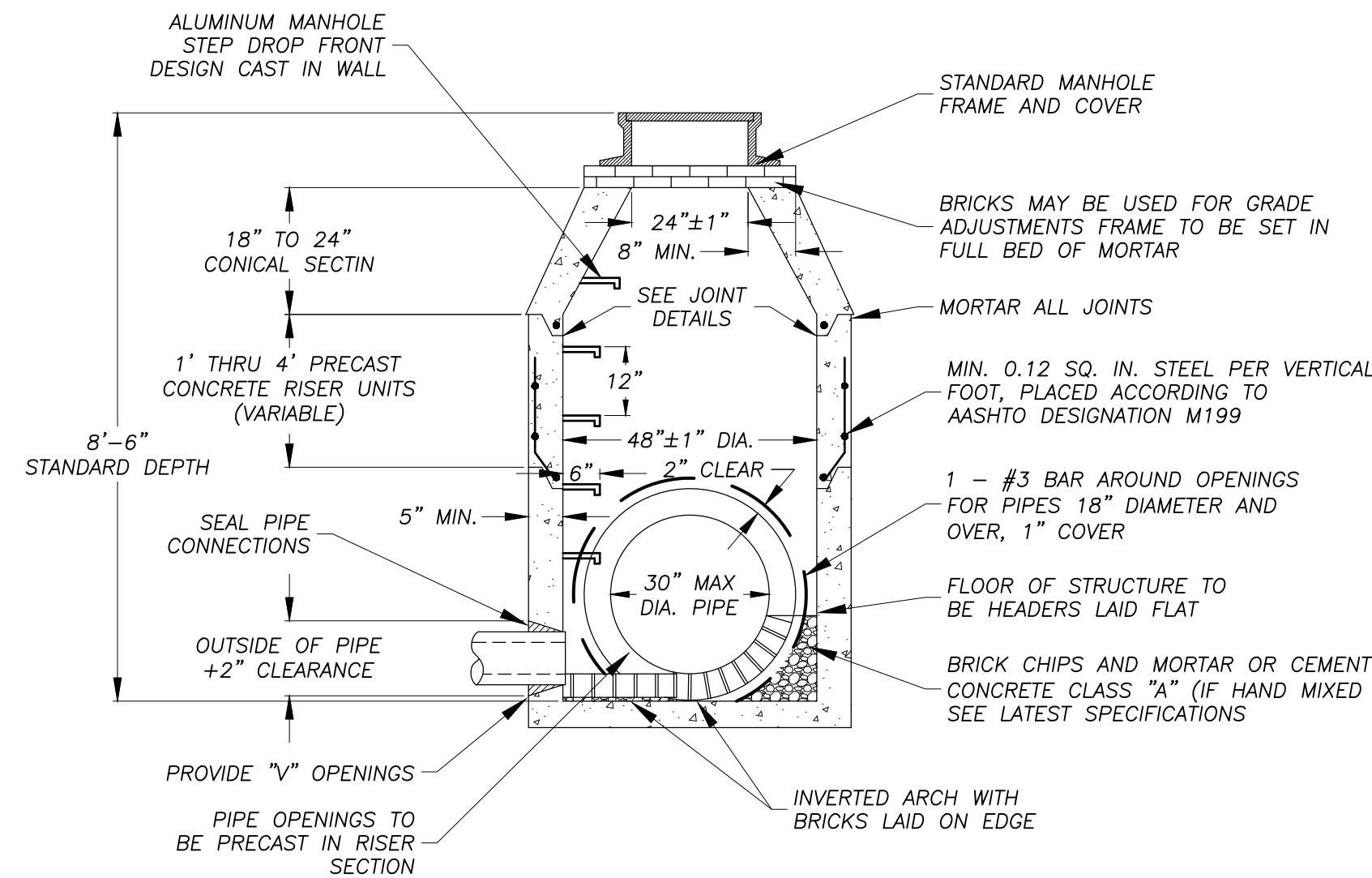


- NOTES**
- 1.) LEVEL SPREADER SHALL BE INSTALLED WITH A LEVEL INSTRUMENT. CONSTRUCT LEVEL UP TO 0% GRADE TO ENSURE UNIFORM SHEET FLOW. LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL.
  - 2.) CONSTRUCTION OF LEVEL SPREADER SHALL BE FROM UPHILL SIDE ONLY. LEVEL LIP AND AREA BELOW SPREADER SHALL BE AT EXISTING GRADES AND UNDISTURBED BY EARTHWORK OR EQUIPMENT.
  - 3.) CONSTRUCT SPREADER WITH LIP AT EXISTING GRADE AS SPECIFIED.
  - 4.) DOWNGRADIENT RECEIVING AREA MUST BE NATURALLY WELL VEGETATED.

LEVEL SPREADER DETAIL  
NO SCALE




PRECAST CONCRETE CATCH BASIN-CT STYLE/ROUND BASE  
NO SCALE



PRECAST CONCRETE MANHOLE  
NO SCALE

East Longmeadow Planning Board		
Names of Planning Board Members	Action Taken	Date
	Application Filed	
	Preliminary Plan Filed	
	Definitive Plan Filed	
	Public Hearing	
	Approval of Board of Health	
	Plan Approved	
	Plan Endorsed	



**RLA**

**R LEVESQUE ASSOCIATES INC.**

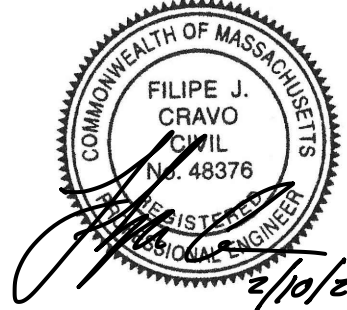
Landscape Architects  
Civil Engineers - Land Surveyors  
Environmental Consultants

ph: 413.568.0985 fax: 413.568.0986

40 School Street  
Westfield, MA 01085  
[rlaland.com](http://rlaland.com)

**DETAILS**

Southerly of South Bend Lane  
(A Portion of Parcel 54-6-0)  
East Longmeadow, Mass.



PREPARED FOR:

Ms. Marlene Goldstein  
43 South Bend Lane  
East Longmeadow, Mass.

ISSUANCE DATE: February 10, 2022

REVISIONS:	DATE:

DRAFTED BY: T.A. & J.T.

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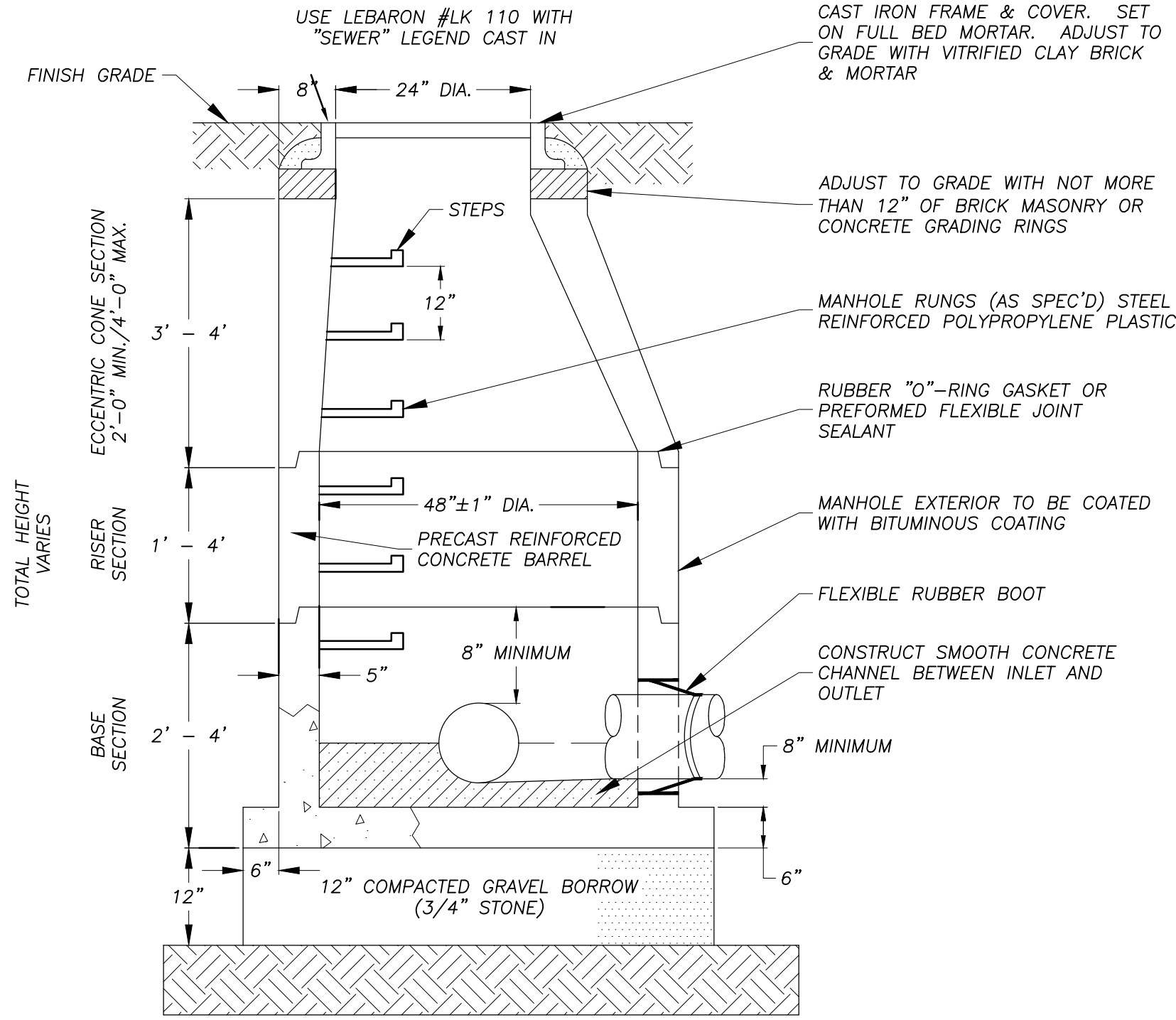
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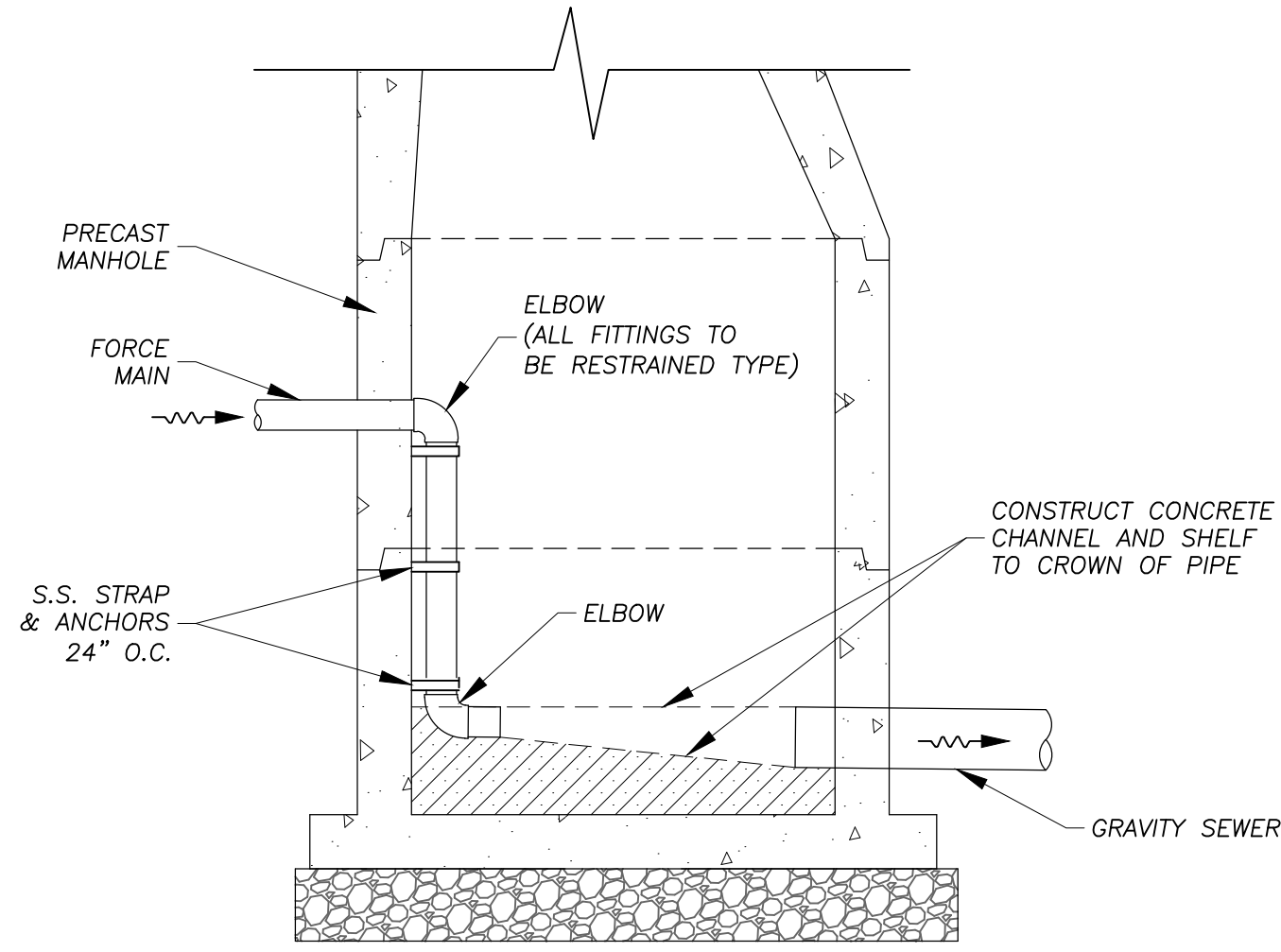
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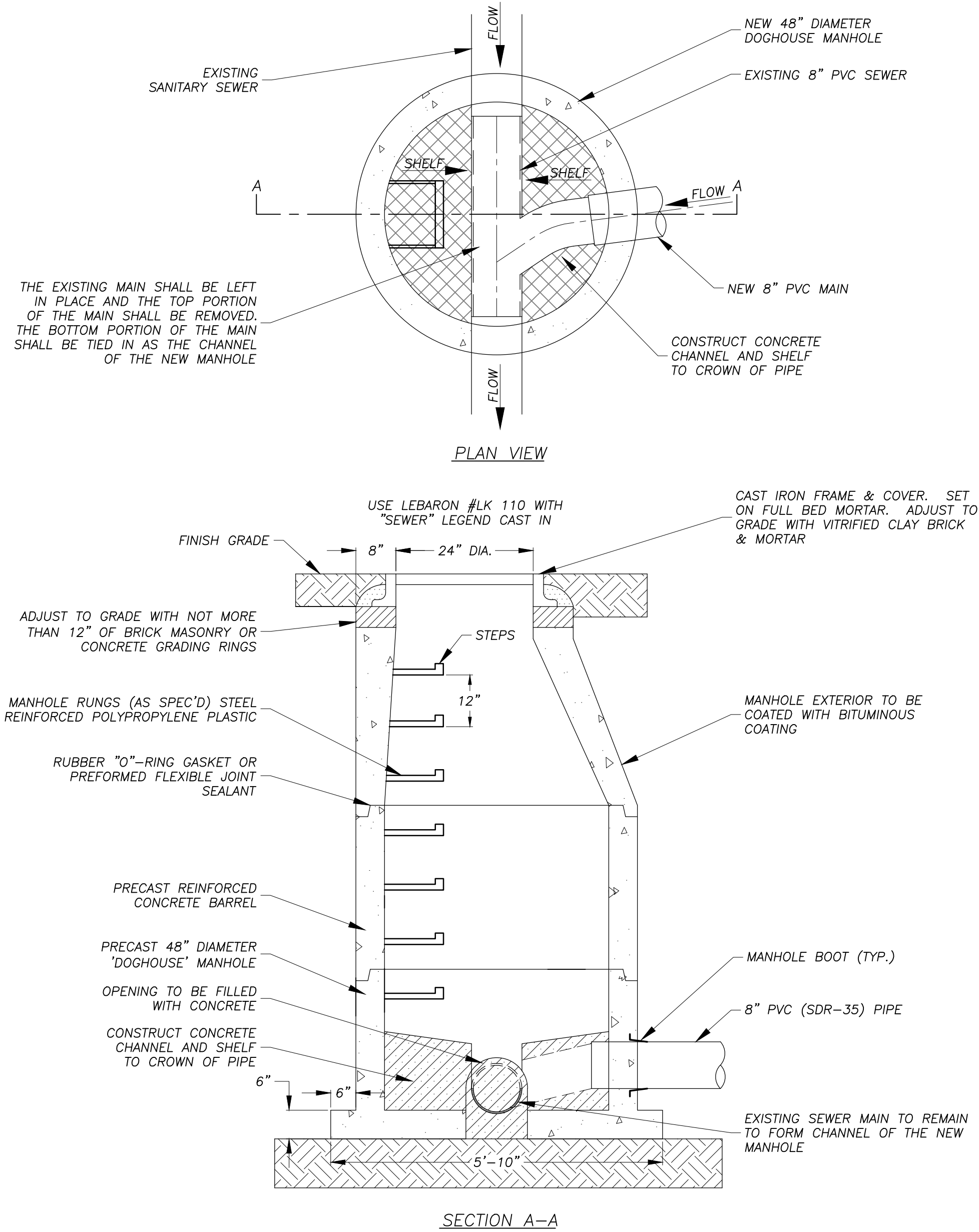
S:\Projects\2020\200812 - Goldstein - Happy Acres - 43 South Bend Ln, East Longmeadow\Civil 3D\200812 - DEFN.dwg



STANDARD SANITARY SEWER MANHOLE DETAIL  
NO SCALE




FORCE MAIN CONN. TO GRAVITY SEWER MANHOLE  
NO SCALE



PRECAST CONCRETE DOGHOUSE SEWER MANHOLE (PSMH-2)  
NO SCALE

East Longmeadow Planning Board		
Names of Planning Board Members	Action Taken	Date
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	Preliminary Plan Filed	
	Definitive Plan Filed	
	Public Hearing	
	Approval of Board of Health	
	Plan Approved	
	Plan Endorsed	

**PERMITTING**  
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**RLA**

**R LEVESQUE ASSOCIATES INC**


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40 School Street  
Westfield, MA 01085  
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**DETAILS**

**Southerly of South Bend Lane  
(A Portion of Parcel 54-6-O)  
East Longmeadow, Mass.**



5/17/22

PREPARED FOR:

Ms. Marlene Goldstein  
43 South Bend Lane  
East Longmeadow, Mass.

ISSUANCE DATE: May 17, 2022

REVISIONS:	DATE:

DRAFTED BY: T.A. & J.T.

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