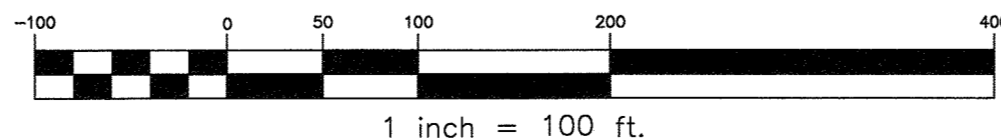


THE PURPOSE OF THE PROPOSED SUMP INLETS IS TO DIVERT SITE RUNOFF FROM ENTERING GORMAN ROAD RIGHT-OF-WAY. THE RUNOFF SHALL BE ROUTED VIA CLOSED STORM DRAIN SYSTEM AND IS INTENDED TO DISCHARGE ON THE SOUTH SIDE OF ROAD 'A'. THESE INLETS SHALL BE DESIGNED TO HANDLE THE 25-YEAR STORM EVENT AS REQUIRED FOR SUMP INLETS IN DESIGN MANUAL VOLUME I, STORM DRAINAGE.

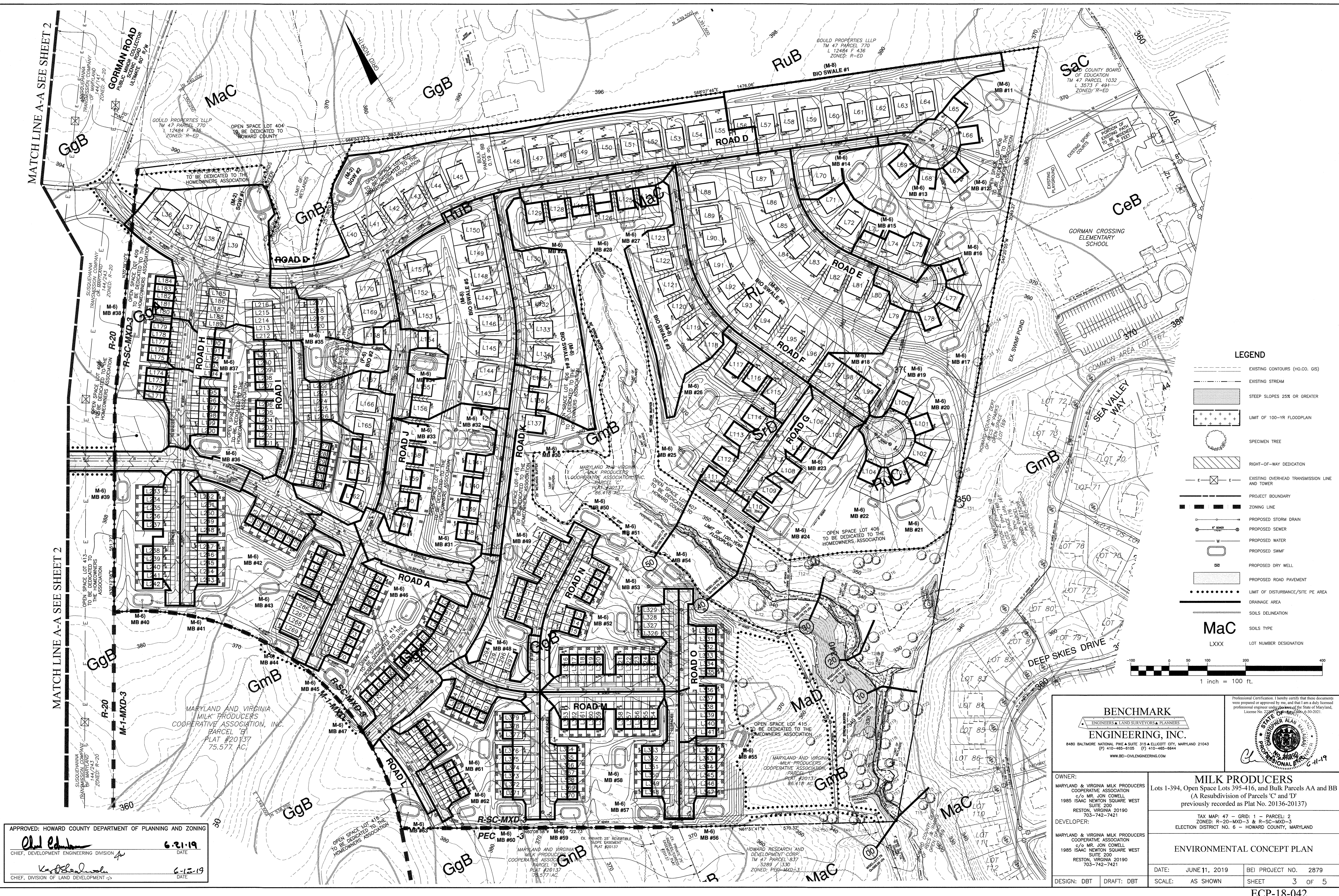
LEGEND

- - - - - EXISTING CONTOURS (HO.CO. GIS)
- - - - - EXISTING STREAM
- [Hatched Box] STEEP SLOPES 25% OR GREATER
- [Cross-hatched Box] LIMIT OF 100-YR FLOODPLAIN
- [Circle with X] SPECIMEN TREE
- [Hatched Box] RIGHT-OF-WAY DEDICATION
- [Square with X] EXISTING OVERHEAD TRANSMISSION LINE AND TOWER
- [Thick Dashed Line] PROJECT BOUNDARY
- [Thin Dashed Line] ZONING LINE
- [Line with Circle] PROPOSED STORM DRAIN
- [Line with Square] PROPOSED SEWER
- [Line with Triangle] PROPOSED WATER
- [Line with Diamond] PROPOSED SWMF
- [Line with Square] PROPOSED DRY WELL
- [Line with Circle] PROPOSED ROAD PAVEMENT
- [Dotted Line] LIMIT OF DISTURBANCE/SITE PE AREA
- [Thick Solid Line] DRAINAGE AREA
- [Thin Solid Line] SOILS DELINEATION
- [Thin Solid Line] SOILS TYPE
- [Thin Solid Line] LOT NUMBER DESIGNATION



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Chad Edmonson 6-21-19
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
Keith Adcock 6-18-19
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

BENCHMARK ENGINEERS, LAND SURVEYORS, PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE & SUITE 315 • ELLCOTT CDT, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644 WWW.BE-CIVILENGINEERING.COM		PROFESSIONAL CERTIFICATION STATE OF MARYLAND PROFESSIONAL ENGINEER License No. 22199 6-11-19
OWNER: MARYLAND & VIRGINIA MILK PRODUCERS COOPERATIVE ASSOCIATION c/o MR. JON COWELL 1985 ISAAC NEWTON SQUARE WEST SUITE 200 RESTON, VIRGINIA 20190 703-742-7421	MILK PRODUCERS Lots 1-394, Open Space Lots 395-416, and Bulk Parcels AA and BB (A Resubdivision of Parcels 'C' and 'D' previously recorded as Plat No. 20136-20137)	
DEVELOPER: MARYLAND & VIRGINIA MILK PRODUCERS COOPERATIVE ASSOCIATION c/o MR. JON COWELL 1985 ISAAC NEWTON SQUARE WEST SUITE 200 RESTON, VIRGINIA 20190 703-742-7421	TAX MAP: 47 - GRID: 1 - PARCEL: 2 ZONED: R-20-MXD-3 & R-SC-MXD-3 ELECTION DISTRICT NO. 6 - HOWARD COUNTY, MARYLAND	ENVIRONMENTAL CONCEPT PLAN
DATE: JUNE 11, 2019 DESIGN: DBT DRAFT: DBT	BEI PROJECT NO. 2879 SHEET 2 OF 5	



MATCH LINE A-A SEE SHEET 2

MATCH LINE A-A SEE SHEET 2

LEGEND

- EXISTING CONTOURS (H.O.CO. GIS)
- EXISTING STREAM
- STEEP SLOPES 25% OR GREATER
- LIMIT OF 100-YR FLOODPLAIN
- SPECIMEN TREE
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- PROPOSED SEWER
- PROPOSED WATER
- PROPOSED SWM
- PROPOSED DRY WELL
- PROPOSED ROAD PAVEMENT
- LIMIT OF DISTURBANCE/SITE PE AREA
- DRAINAGE AREA
- SOILS DELINEATION
- SOILS TYPE
- LOT NUMBER DESIGNATION

MaC
LXXX

1 inch = 100 ft.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 6.21.19 DATE

CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 6.13.19 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT

BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE SUITE 315 ELICOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6444
WWW.BEI-CIVILENGINEERING.COM

OWNER:
MARYLAND & VIRGINIA MILK PRODUCERS COOPERATIVE ASSOCIATION
c/o MR. JON COWELL
1985 ISAAC NEWTON SQUARE WEST SUITE 200
RESTON, VIRGINIA 20190

DEVELOPER:
MARYLAND & VIRGINIA MILK PRODUCERS COOPERATIVE ASSOCIATION
c/o MR. JON COWELL
1985 ISAAC NEWTON SQUARE WEST SUITE 200
RESTON, VIRGINIA 20190

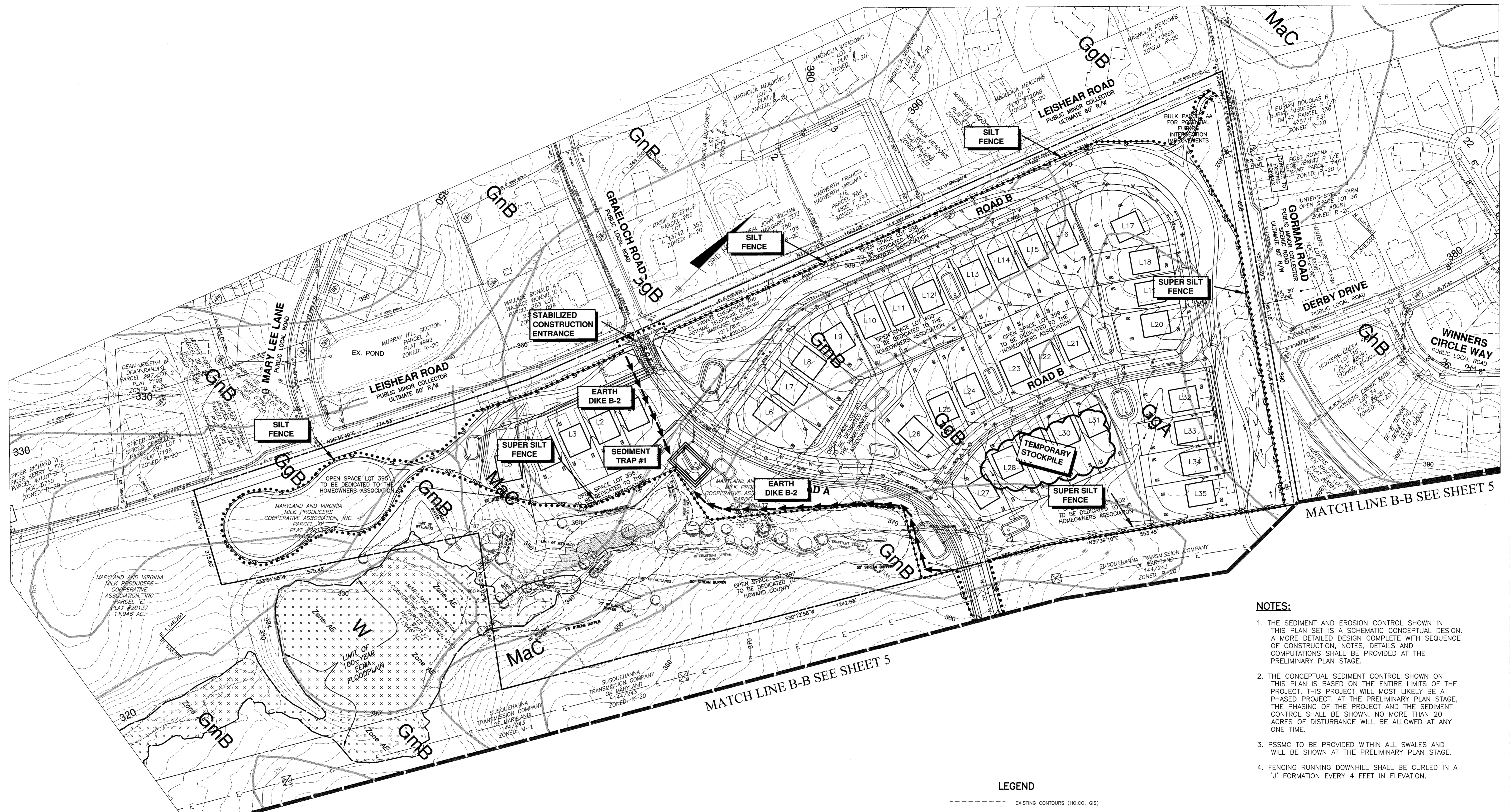
MILK PRODUCERS
Lots 1-394, Open Space Lots 395-416, and Bulk Parcels AA and BB
(A Resubdivision of Parcels 'C' and 'D'
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TAX MAP: 47 - GRID: 1 - PARCEL: 2
ZONED: R-20-MXD-3 & R-SC-MXD-3
ELECTION DISTRICT NO. 6 - HOWARD COUNTY, MARYLAND

ENVIRONMENTAL CONCEPT PLAN

DATE: JUNE 11, 2019 BEI PROJECT NO. 2879

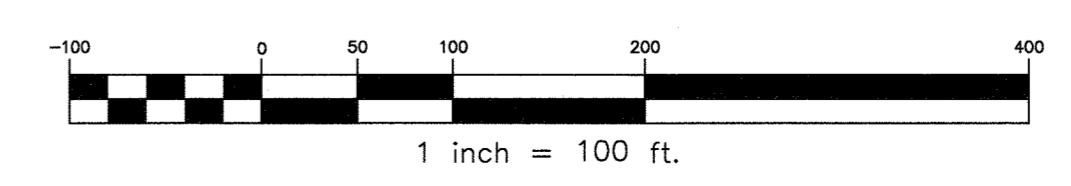
DESIGN: DBT DRAFT: DBT SCALE: AS SHOWN SHEET 3 OF 5



- NOTES:**
1. THE SEDIMENT AND EROSION CONTROL SHOWN IN THIS PLAN SET IS A SCHEMATIC CONCEPTUAL DESIGN. A MORE DETAILED DESIGN COMPLETE WITH SEQUENCE OF CONSTRUCTION, NOTES, DETAILS AND COMPUTATIONS SHALL BE PROVIDED AT THE PRELIMINARY PLAN STAGE.
 2. THE CONCEPTUAL SEDIMENT CONTROL SHOWN ON THIS PLAN IS BASED ON THE ENTIRE LIMITS OF THE PROJECT. THIS PROJECT WILL MOST LIKELY BE A PHASED PROJECT. AT THE PRELIMINARY PLAN STAGE, THE PHASING OF THE PROJECT AND THE SEDIMENT CONTROL SHALL BE SHOWN. NO MORE THAN 20 ACRES OF DISTURBANCE WILL BE ALLOWED AT ANY ONE TIME.
 3. PSSMC TO BE PROVIDED WITHIN ALL SWALES AND WILL BE SHOWN AT THE PRELIMINARY PLAN STAGE.
 4. FENCING RUNNING DOWNHILL SHALL BE CURLED IN A 'J' FORMATION EVERY 4 FEET IN ELEVATION.

LEGEND

- EXISTING CONTOURS (FO.O. GIS)
- EXISTING STREAM
- STEEP SLOPES 25% OR GREATER
- ⊗ LIMIT OF 100-YR FLOODPLAIN
- SPECIMEN TREE
- ← EARTH DIKE
- SF SILT FENCE
- SSF SUPER SILT FENCE
- SEDIMENT TRAP/BASIN
- LIMIT OF DISTURBANCE

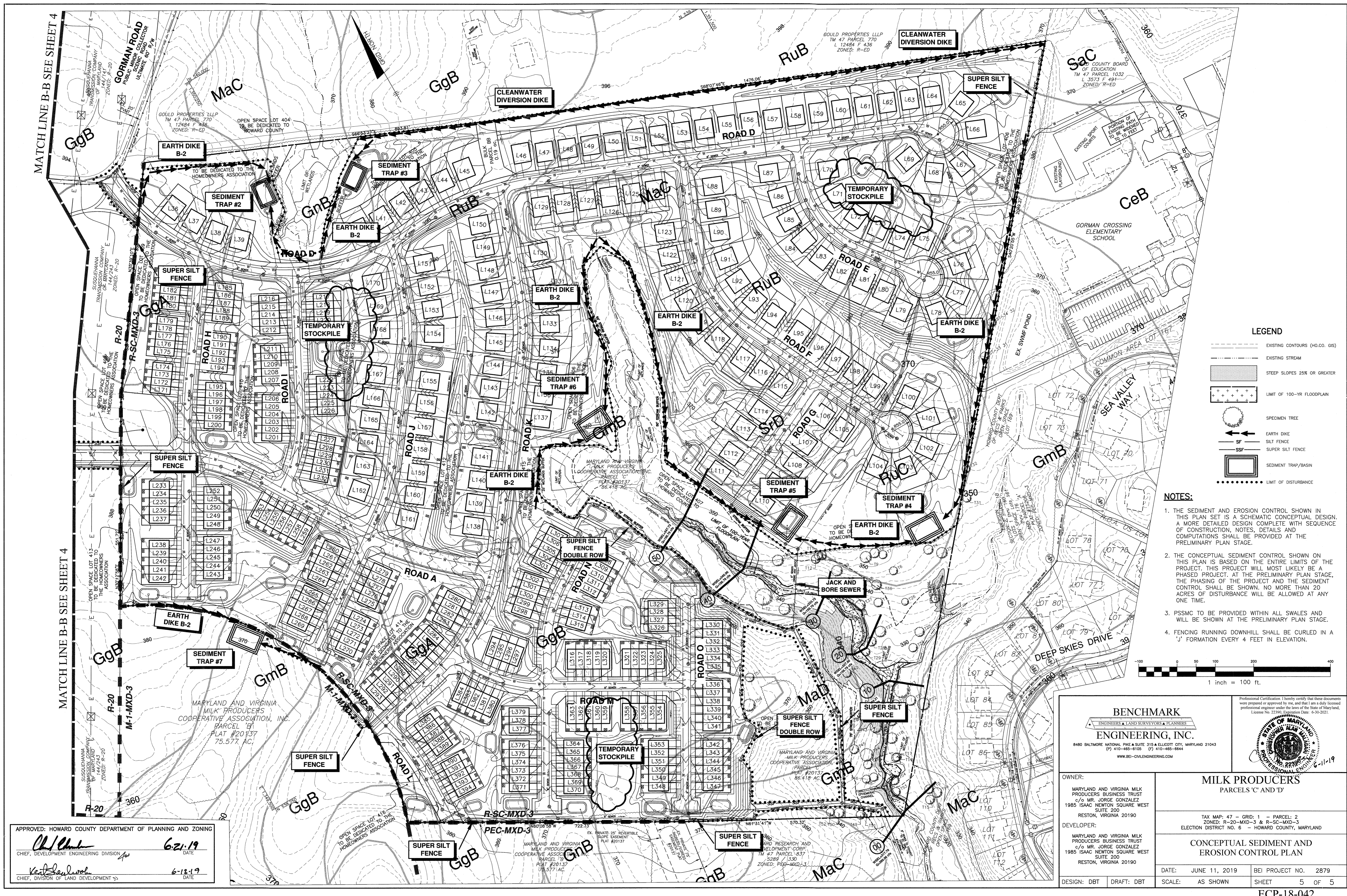


APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Edmister 6-21-19
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE

Kent DeLoach 6-18-19
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DATE

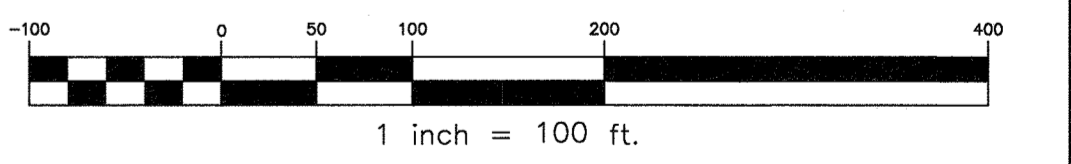
BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE SUITE 315 A ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6444 WWW.BE-CIVILENGINEERING.COM		
OWNER: MARYLAND AND VIRGINIA MILK PRODUCERS BUSINESS TRUST c/o MR. JORGE GONZALEZ 1985 ISAAC NEWTON SQUARE WEST SUITE 200 RESTON, VIRGINIA 20190		
DEVELOPER: MARYLAND AND VIRGINIA MILK PRODUCERS BUSINESS TRUST c/o MR. JORGE GONZALEZ 1985 ISAAC NEWTON SQUARE WEST SUITE 200 RESTON, VIRGINIA 20190		MILK PRODUCERS PARCELS 'C' AND 'D' TAX MAP: 47 - GRID: 1 - PARCEL: 2 ZONED: R-20-MXD-3 & R-SC-MXD-3 ELECTION DISTRICT NO. 6 - HOWARD COUNTY, MARYLAND
DESIGN: DBT DRAFT: DBT		CONCEPTUAL SEDIMENT AND EROSION CONTROL PLAN DATE: JUNE 11, 2019 BEI PROJECT NO. 2879 SCALE: AS SHOWN SHEET 4 OF 5



LEGEND

- - - - - EXISTING CONTOURS (H.O.C.O. GIS)
- - - - - EXISTING STREAM
- ▨ STEEP SLOPES 25% OR GREATER
- ▨ LIMIT OF 100-YR FLOODPLAIN
- SPECIMEN TREE
- SF — EARTH DIKE
- SSF — SUPER SILT FENCE
- ▭ SEDIMENT TRAP/BASIN
- LIMIT OF DISTURBANCE

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<p>BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE & SUITE 315 & ELLCOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644 WWW.BE-CIVILENGINEERING.COM</p>		
<p>OWNER: MARYLAND AND VIRGINIA MILK PRODUCERS BUSINESS TRUST c/o MR. JORGE GONZALEZ 1985 ISAAC NEWTON SQUARE WEST SUITE 200 RESTON, VIRGINIA 20190</p>		
<p>DEVELOPER: MARYLAND AND VIRGINIA MILK PRODUCERS BUSINESS TRUST c/o MR. JORGE GONZALEZ 1985 ISAAC NEWTON SQUARE WEST SUITE 200 RESTON, VIRGINIA 20190</p>		<p>MILK PRODUCERS' PARCELS 'C' AND 'D'</p> <p>TAX MAP: 47 - GRID: 1 - PARCEL: 2 ZONED: R-20-MXD-3 & R-SC-MXD-3 ELECTION DISTRICT NO. 6 - HOWARD COUNTY, MARYLAND</p>
<p>APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING</p> <p><i>[Signature]</i> 6-21-19 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE</p> <p><i>[Signature]</i> 6-18-19 CHIEF, DIVISION OF LAND DEVELOPMENT DATE</p>		<p>CONCEPTUAL SEDIMENT AND EROSION CONTROL PLAN</p> <p>DATE: JUNE 11, 2019 BEI PROJECT NO. 2879</p> <p>DESIGN: DBT DRAFT: DBT SCALE: AS SHOWN SHEET 5 OF 5</p>