|       | DRAWING INDEX                                   |  |  |
|-------|---|--|--|
| SHEET | DESCRIPTION                                     |  |  |
| 1     | COVER SHEET                                     |  |  |
| 2     | PRELIMINARY PLAN                                |  |  |
| 3     | GRADING, SEDIMENT & EROSION CONTROL & SOILS MAP |  |  |
| 4     | LANDSCAPE PLAN                                  |  |  |
| 5     | FOREST CONSERVATION PLAN                        |  |  |

## PRELIMINARY PLAN MILK PRODUCERS SOUTH

TAX MAP 46, GRID 12, PARCEL 985 & TAX MAP 47, GRID 1, p/o PARCEL 2
6TH ELECTION DISTRICT HOWARD COUNTY, MD

OPEN SPACE

PLATS 5971, 5972, 5973, 6779, 7022 PARCEL 38 ZONED R-20

## 46FB (CONCRETE MONUMENT) DDC POINT #99 (1/2" STEEL REBAR)

BENCHMARK

DESCRIPTION

<u>BENCHMARK #1</u> N. 537149.8119

ELEV.

317.324

BENCHMARK #2 N. 536597.4034

332.04

1347468.9693

1347214.5476

| escription and the second contraction of the     | EXISTING MINOR CONTOUR (2' INTERVAL)  |
|--|---|
| where the contract contract contract $\phi \gg 0$ , which is a substitution of the contract contr | EXISTING MAJOR CONTOUR (10' INTERVAL)   |
|  | ADJACENT PROPERTY LINE  |
| N 06'45'45"W 120.00'   | EXISTING PROPERTY BOUNDARY  |
| mentiophine activated mentiophine planes. International participation and official participation and o     | EX. ROAD / EDGE OF PAVING   |
| <u> </u>   | EX. SEWER LINE & MANHOLES, CLEAN-OUTS   |
| **************************************   | EX. OVERHEAD ELECTRIC & UTILITY POLES   |
| 680  | PROPOSED MINOR CONTOUR (2' INTERVAL)  |
|  | PROPOSED MAJOR CONTOUR (10' INTERVAL)  PROP: STANDARD CURB & GUTTER / PROP: REVERSE CURB & GUTTER  PROP MOUNTABLE CURB & GUTTER/ PROP. REVERSE/MOUNTABLE CURB & GUTTER  PROPOSED PRIVATE ROAD/DRIVE CENTERLIN |
| The entire of the control of the con     | EX. BUILDING  |
|  | PROPOSED BUILDING EXPANSION   |
| + 665.5  | PROPOSED SPOT ELEVATION # FLOW ARROW  |
| 000  | EXISTING TREES  |
|  | PROPOSED ORNAMENTAL TREE PROPOSED SHADE TREE PROPOSED EVERGREEN TREE  |
|  | EXISTING TREELINE   |
|  | EXISTING SHRUB/BRUSH LINE   |
| PROP. 18" D.   | PROPOSED STORM DRAIN W/   |
| PROP. 18"  | PROPOSED INLET PROTECTION MEASURES  |
| PROP. 4" W.  | PROPOSED WATER LINE & HYDRANT   |
| SAN 8" PVC   | PROPOSED SEWER AND MANHOLES   |
| E  | PROPOSED ELECTRIC TRANSFORMER   |
| ☐ EM   | PROPOSED ELECTRIC METER   |
|  | PROPOSED FOREST CONSERVATION EASEMENT LIM   |
|  | PROPOSED FOREST CONSERVATION EASEMEN  |
| * * * * *  | EXISTING WETLANDS   |
| — мв — — мв — — мв —   | 25' WETLANDS BUFFER   |
| - SB SB SB   |   |
| - 35 - 35 - 35   |   |

DeMario Design Consultants, Inc. 192 East Main Street

Fax: (410) 386-0564

eMail: ddc@demariodesign.us

BOUNDARY AND TOPO PREPARED BY DEMARIO DESIGN CONSULTANTS, NOVEMBER 2007. WETLANDS SHOWN PER S-06-004 DERIVED FROM A REPORT PREPARED BY

Westminster, MD 21157 http://www.demariodesign.us

MCCARTHY & ASSOCIATES DATED MAY 2005

DATA SOURCES:

OWNER / DEVELOPER: MD & VA MILK PRODUCERS ASSN INC. C/O THOMAS BARBUTI WHITEFORD, TAYLOR, & PRESTON LLP.
7. ST. PAUL STREET BALTIMORE, MD 21202

410-913-7987 SITE ADDRESS: LEISHEAR RD @ MD ROUTE 216

LAUREL, MD 20723 PRELIMINARY PLAN

COVER SHEET

MILK PRODUCERS - SOUTH

| abelon  | TAX | APPLICABLE DPZ<br>1AP 46 GRID 12 PARCEL 985 ¢<br>ELECTION DISTRICT |          |      |      | RCEL 2 |
|---|-----|--|----------|------|------|--------|
| DATE  |     | REVISION   | NS       |      |      |        |
| sional Certification.   |     |  |          |      |      |        |
| y certify that these documents were prepared or<br>ed by me, and that I am a duly licensed professional |     |  |          |      | ~~~~ |        |
| er under the laws of the State of Maryland, License   |     |  |          |      |      |        |
| 420, Expiration Date: 7/20/10.  |     |  |          |      |      |        |
| THE OF MARY   | NO. | DESCRIPTION OF CHAN  | GES      | DRN. | REV. | DATE   |
| S THE THE   | TAX | ACC.#. 06-414435   | DES. BY: | SDS  |      |        |
|   | ZON | NE / USE: R-20   | DRN. BY: | SDS  |      |        |
|   | DW  | G. SCALE: 1"=100'  | CHK. BY: | JCO  |      |        |
| WAL EXPLINIT  | DAT | E: 8/25/08   |          |      | -    |        |
| MARK THAYER P.E. 25420  | DDC | JOB#: 07106.1  | 1        | of   | 5    |        |

ZONED R-20

**SCAGGSVILLE ROAD - MD RT. 216** S63°02'17"E 414.11 MILKSHAKE DRIVE TRANSMISSION COMPANY OF MARYLAND 144/218 ZONED R-20 ALMA J. SANDY 746/626 399/519 PARCEL 169 ZONED R-20 DENNIS M.
SWEENEY
AND DARLA I
SWEENEY
6426/384
PARCEL 34
ZONED R-20
R-20
PARCEL 35

GENERAL NOTES

Existing Zoning: R-20
Plat Reference: N/A
Gross Area of Tract: 7.7864 Ac.
Area of 100 Year Floodplain: 0 Ac
Area of Steep Slopes: 0.4526 Ac. (ON-SITE)
Net Area of Tract: 7.3338 Ac.
Number of Proposed Lots/Parcels: 12 + 4 Open Space Lots
Area of Proposed Lots/Parcels:

a) Buildable Lots: 3.38 Ac.

a) Buildable Lots: 3.38 Ac.
b) Open Space:
Required - (40%): 3.11 Ac.
Provided - (44%): 3.40 Ac. (Credited)
0.07 Ac. (Non-Credited)
c) Area of Proposed Public Roads: 1.22 Ac. (0.93 Ac. On-Site, 0.29 Ac. BGE Right of Way)
d) Total Disturbed Area: 6.08 Ac. (5.63 Ac. On-Site, 0.45 Ac. BGE Right of Way)
Land for a Public Road will be dedicated under a plat to be submitted with the Final Plan.
This project is in conformance with the latest Howard County Standards unless waivers have

been approved.

10. The existing topography and boundary shown hereon were provided by DDC, Inc dated November, 2007.

11. Landscaping for this development and landscaping surety will be provided as part of the Developers Agreement, at final plan stage, in accordance with the latest edition of the Howard County Landscape Manual.

12. The coordinates shown hereon are based upon the Howard County Geodetic Control, which is based upon the Maryland State Coordinate System. Howard County Monument No 46FB (1/2" diameter steel rebar with ridges) and DDC Point No. 99 were used for this project.

13. This property is within the Metropolitan District.

14. Water is public.
15. Sewer is public.
16. Stormwater management for this development will be provided by the following means:
Recharge volume (REV) will be via rooftop impervious disconnection, non-rooftop impervious
disconnection and sheet flow to buffer credits. The Water Quality (WQV) will be provided
through 2 sand filters, the aforementioned credits and the natural area conservation credit.
Channel protection volume (CPV) will not be required because the proposed condition 1-year
storm is less than 2 cfs at each design point. Overbank flood protection volume is not
required. Extreme flood protection volume will be addressed by proving that the 100-year
storm will adequately convey through the three existing pipes that pass under the noise wall.
The sand filter facilities are to be privately owned and maintained by the HOA. If the building
footprints on the lots utilizing rain gardens(lots 2-4, 11, 12 \$ 14) exceeds 2,000 sf., additional
stormwater management measures will be required.
17. Existing utilities shown hereon are based on field surveys and record drawings.
18. Non-Tidal wetlands shown hereon are based on a field investigation prepared by McCarthy \$
Associated, Inc. dated May, 2005.
19. Traffic study provided under S-06-004.
20. The geotechnical study for this project was prepared by Hillis-Carnes dated November, 2007.
21. Project Background Information:
a) Subdivision Name: Milk Producer's South

a) Subdivision Name: Milk Producer's South
b) Tax Map/Block/Parcel: 46/12/985 \$ 47/1/p/o 2

c) Zoning: R-20 d) Election District: 6th

) Total (Gross) Tract Area: 7.7864 ac. ) Number of Proposed Lots/Parcels: 12 + 4 Open Space Lots ) Applicable Department of Planning & Zoning File No's.: S-06-004

. No dwellings on site. . The proposed access place shall be public. . BRL denotes the Building Restriction Line.

25. Sediment and erosion control measures will be provided in accordance with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control and will be shown on the Final Plan. 26. Street trees will be provided on the access street in accordance with Section 16.124 of the Howard County Subdivision Regulations.
27. Sidewalks are provided in accordance with Section 16.134 of the Howard County Subdivision

Regulations.

28. The open space lots are to privately owned by the HOA.

29. A noise study for this project was prepared by DeMario Design Consultants dated March, 2008.

Noise mitigation is provided by the existing SHA noise wall along MD RTE. 216.

30. There are no historic structures or cemeteries located on the subject property.

31. No grading, removal of vegetative cover or trees, paving and new structures shall be permitted within the wetlands, stream or their required buffers, flood plain and forest conservation easement except as approved. 32. There are two necessary stream crossings for this development. The stream crossing at the proposed road is necessary since the stream runs the entire length of the property at the only accessible road since MD RTE 216 is a restricted access road. A bottomless arch culvert is

proposed at the crossing to minimize environmental impacts. The stream crossing for the sewer main is necessary to serve the lots located on the east side of the BGE Right-of-Boring and jacking is proposed under the stream to minimize environmental impacts.

33. Street light placement and the type of fixture and pole shall be in accordance with the Howard County Design Manual, Volume III (1993) and as modified by "Guidelines for Street Lights in Residential Developments (June 1993)."

A minimum spacing of 20' shall be maintained between any street light and any tree. 34. All sign posts used for traffic control signs installed in the County Right-of-way shall be mounted on a 2" galvanized steel, perforated, square tube post (14 gauge) inserted into a 2-1/2" galvanized steel, perforated, square tube sleeve(12 gauge)-3' long. A galvanized steel pole cap shall be mounted on top of each post.

| STREET LIGHT CHART |                  |                         |  |  |
|--------------------|------------------|-------------------------|--|--|
| *                  | 150 WATT PREMIER | € STA. 0+35, 22' RIGHT  |  |  |
| <b>举</b>           | 100 WATT PREMIER | € 9TA. 3+60, 15' LEFT   |  |  |
| <b>举</b>           | 100 WATT PREMIER | € STA. 6+90, 15' LEFT   |  |  |
| <b>举</b>           | 100 WATT PREMIER | LP STA. 2+46', 3' RIGHT |  |  |

|       |         |         | CE        | NTERLINE CURVE | TABLE       |         |
|-------|---------|---------|-----------|----------------|-------------|---------|
| CURVE | RADIUS  | LENGTH  | DELTA     | CHORD BRG.     | CHORD DIST. | TANGENT |
| C-1   | 210.001 | 57.061  | 15°34'02" | 579°24'10"E    | 56.881      | 28.71   |
| C-2   | 210.001 | 105.981 | 28°54'57" | N72°43'43"W    | 104.861     | 54.15   |
| C-3   | 210.001 | 51.931  | 14°10'10" | 565°21'19"E    | 51.801      | 26.10   |
| C-4   | 495.001 | 189.57  | 21°56'34" | N61*28'08"W    | 188.411     | 95.96   |
| C-5   | 505.001 | 94.13'  | 10°40'48" | S55*50'15"E    | 94.001      | 47.20   |
| C-6   | 225.001 | 287.561 | 73°13'33" | N24°33'52"W    | 268.381     | 167.18  |

| C     | COORDINATE TABLE |            |  |  |  |
|-------|------------------|------------|--|--|--|
| POINT | NORTH            | EAST       |  |  |  |
| 1     | 536635.14        | 1347417.45 |  |  |  |
| 2     | 5366524.21       | 1347324.74 |  |  |  |
| 3     | 536466.71        | 1347288.84 |  |  |  |
| 4     | 536458.69        | 1347254.30 |  |  |  |
| 5     | 536338.93        | 1347627.92 |  |  |  |
| 6     | 536476.18        | 1347708.11 |  |  |  |
| 7     | 536521.86        | 1347640.31 |  |  |  |
| 8     | 536362.70        | 1347931.36 |  |  |  |
| 9     | 536174.95        | 1348300.46 |  |  |  |
| 10    | 535595.39        | 1348085.26 |  |  |  |
| - 11  | 535889.61        | 1347654.95 |  |  |  |

Open Space Tabulations

Open Space Required - 40%: Open Space Provided - 44%: 3.40 Ac. (Credited) 0.07 Ac. (Non-Credited) Recreation Open Space Required: 2,400 s.f. (12 Lots x 200 s.f.)

Recreation Open Space Provided: 2,400 s.f.

TENTATIVELY APPROVED DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

rank b. le gll\_ LANNING DIRECTOR







