

Building Permit Application

Howard County Maryland

Department of Inspections, Licenses and Permits

3430 Court House Drive

Permits: 410-313-2455

www.howardcountymd.gov

|             |      | 7.2 |       |     |    |
|-------------|------|-----|-------|-----|----|
|             | 1-11 | tol | 100   | 1   | 10 |
| Permit No.: | 1 11 | 1/1 | 3 1 1 | 100 | 1  |

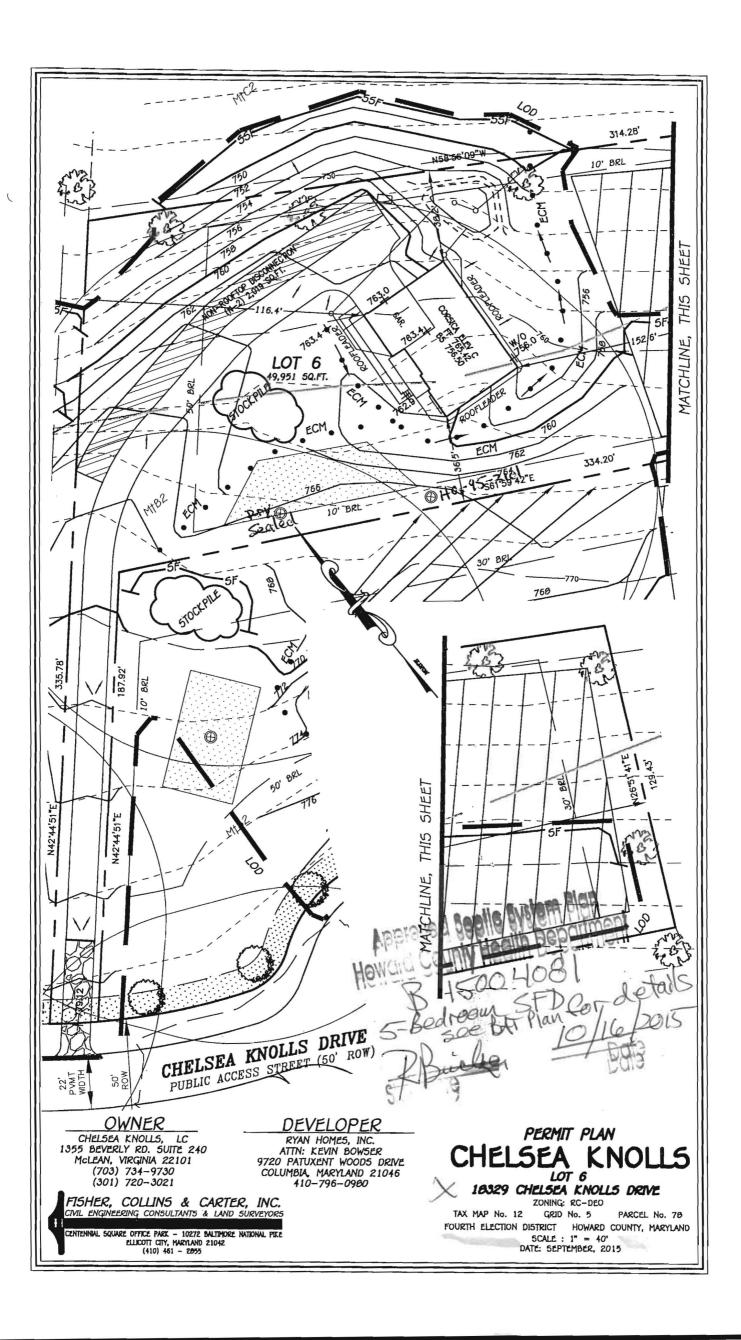
Date Received:

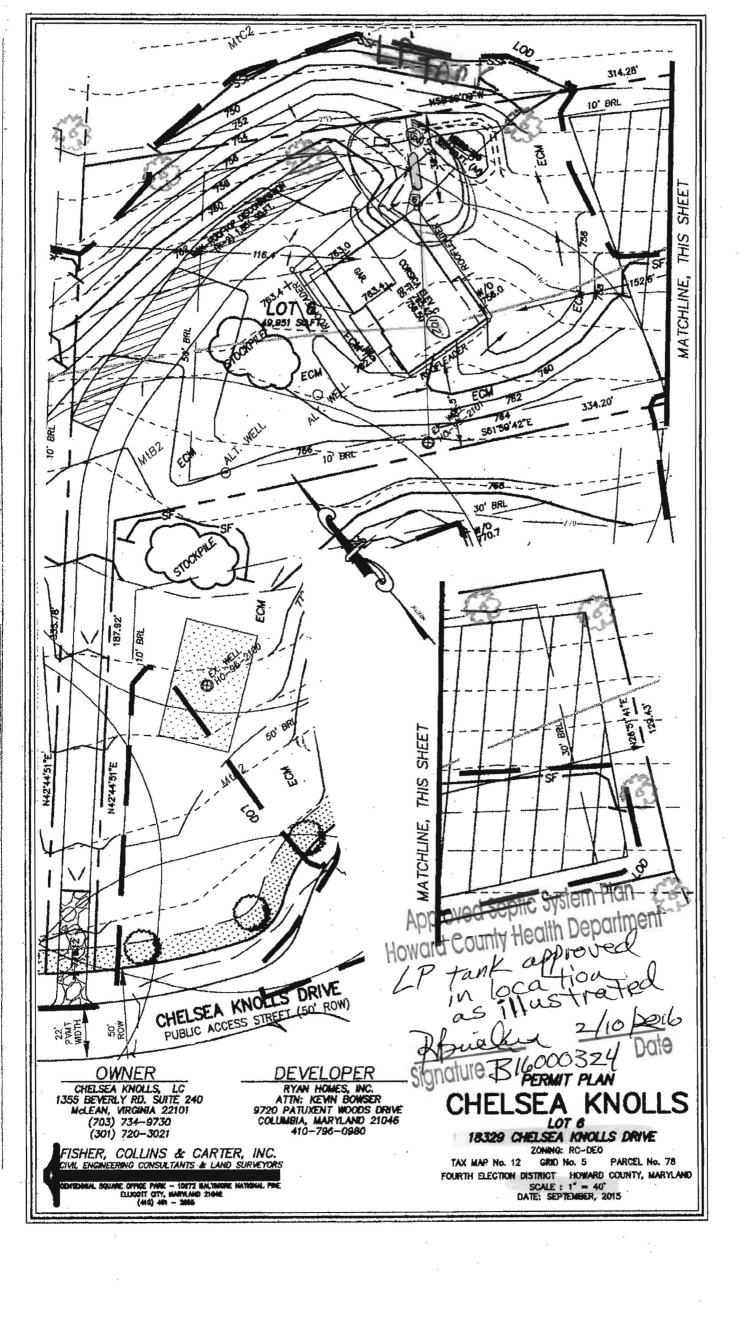
| Building Address:                                   | chea knows b  | Property Owner's Name: All Daniel Address:  |   |
|---|---|---|---|
| City: State:  | Zip Code:   | Address:State:  | Tie Code (*)  |
| Suite/Apt. #SDF                                     | P/WP/BA#:   | Phone: Fax  |   |
|   | Subdivision:  | Email:  |   |
|   |   | 0.01  | and the second of the sector.                               |
|   | a:Lot:  | Applicant's Name & Mailing Address, (If oth Applicant's Name:   |   |
| Tax Map: Parcel:                                    |   | Address: V  |   |
| Zoning: Map Coordina                                | ntes: Lot Size: Lot Size:   | City: State: State: Phone: 100 3-00 /d 100 Fax: Email:  | Zip Code: 41123   |
| Existing Use:                                       | 1   | Email:  | And Lypnesis !  |
| Proposed Use:                                       | Market Track  | Contractor Company:   |   |
| Estimated Construction Cost: \$                     |   | Contact Person: 73.   |   |
|   |   | Address: 1625 Feather 1   | (   |
| Description of Work:                                |   | City: State:  | Zip Code:   |
| TELESKIT TOOKE - II-2                               | - In Comme notice   |   |   |
| Trin(   |   | Phone: 413 44 54 51 Fax:  |   |
| Occupant or Tenant:                                 |   | Email:  |   |
| Was tenant space previously occupied                | I? □Yes □No   | Engineer/Architect Company:   |   |
|   |   |   |   |
| Contact Name:                                       |   | Responsible Design Prof.:   |   |
| Address:  |   | Address:  |   |
| City:   | State: Zip Code:  | City:State:2  | Zip Code:   |
| Phone:  | Fax:  | Phone: Fax:   |   |
| Email:  |   | Email:  |   |
| este.   |   |   |   |
| Commercial Building Characteristics                 | Residential Building Characteristics  | Utilities   |   |
| Height:   | SF Dwelling SF Townhouse  | Water Supply  | * H   |
| No. of stories: Gross area, sq. ft./floor:          | Depth Width  1 <sup>st</sup> floor:   | ☐ Public  |   |
| 01033 4104, 34, 11, 11001.                          | 2 <sup>nd</sup> floor:  | ☐ Private   |   |
| Area of construction (sq. ft.):                     | Basement:   | Sewage Disposal   |   |
|   | ☐ Finished Basement   | ☐ Public  |   |
| Use group:  | ☐ Unfinished Basement   | 📋 Private   | . + *: <sup>8</sup>   |
|   | ☐ Crawl Space   | Electric: ☐ Yes ☐ No  |   |
| Construction type:  ☐ Reinforced Concrete           | ☐ Slab on Grade  No. of Bedrooms:   | Gas: □ Yes □ No   |   |
| ☐ Structural Steel                                  | Multi-family Dwelling   | Heating System  |   |
| ☐ Masonry   | No. of efficiency units:  | ☐ Electric ☐ Oil  |   |
| ☐ Wood Frame  | No. of 1 BR units:  | ☐ Natural Gas ☐ Propane Gas   | 8   |
| ☐ State Certified Modular                           | No. of 2 BR units:  | ☐ Other:  |   |
| <u>-</u>  | No. of 3 BR units:  | Sprinkler System:   |   |
|   | Other Structure:  Dimensions:   | ☐ Yes ☐ No  |   |
| > Roadside Tree Project Permit                      | Footings:   |   | 9   |
| □Yes □No  | Roof:   | Grading Permit Number:  |   |
| Roadside Tree Project Permit #                      | ☐ State Certified Modular   |   |   |
|   | ☐ Manufactured Home   | Building Shell Permit Number:   |   |
| WITH ALL REGULATIONS OF HOWARD COUNTY               | WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE<br>DUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PRO | O MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CO WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROF OPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITT | PERTY NOT SPECIFICALLY DESCRIBE<br>TED AND POSTING NOTICES. |
| Applicant's Signature                               |   | 1/27/20   | 5   |
| Applicant's Signature  Email Address  Title/Company | spole las isprout a   | Date  |   |

| AGENCY                   | DATE | SIGNATURE OF APPROVAL    |
|--------------------------|------|--------------------------|
| State Highways           |      |                          |
| Building Officials       |      | The Property             |
| PSZA (Zoning)            |      |                          |
| PSZA ( Engineering )     |      | - N - D                  |
| Health                   | 7/0/ | ex6 Bully                |
| Is Sediment Control appr |      | ed for issuance?  Yes No |

| DPZ SETBACK INFORMATION      |       |     |
|------------------------------|-------|-----|
| Front:                       |       |     |
| Rear:                        |       | (8) |
| Side:                        |       |     |
| Side St.:                    |       |     |
| All minimum setbacks met?    | ☐ Yes | □No |
| Is Entrance Permit Required? | ☐ Yes | □No |
| Historic District?           | ☐ Yes | □No |
| Lot Coverage for New Town Z  | one:  |     |
| SDP/Red-line approval date:  |       |     |

| Filing Fee           | \$   |
|----------------------|------|
| Permit Fee           | \$   |
| Tech Fee             | \$   |
| Excise Tax           | \$ . |
| PSFS                 | \$   |
| <b>Guaranty Fund</b> | \$   |
| Add'l per Fee        | \$   |
| Total Fees           | \$   |
| Sub-Total Paid       | \$   |
| Balance Due          | \$   |
| Check                | #    |





Permits: 410-313-2455 Inspections: 410-313-1810 Automated Line: 410-313-3800

## Howard County Building/Fire Permit Application Department of Inspections, Licenses & Permits 3430 Court House Drive Ellicott City, MD 21043

Permit Number:

B15004081

| Building Address: 18329 Chelsea        | Knolls Drive  | Property Owner's Name: Ryan H                        | omes  |  |
|--|---|--|---|--|
| Mt. Airy MD 21                         | 771   | Address: 9720 Patuxent Woods Drive                   |   |  |
| Suite/Apt. #SDF                        | P/WP/BA #:  | City: Columbia State                                 |   |  |
| Census Tract:                          | Subdivision: Chelsea Knolls   | Home Phone:  | Work Phone: 410.796.0980  |  |
| Section:Area:                          | Lot: 6  | Applicant's Name & Mailing Addr                      | ess, (If other, than stated herein):  |  |
| Tax Map: <u>12</u> Parcel: 78          | Grid: 5   |  |   |  |
| Zoning: RC-DEO Map Coordinate          | s:Lot Size:   |  |   |  |
|  | <u> </u>  | Phone:   | _Fax:   |  |
|  |   | Email:   |   |  |
| Existing Use: Vacant Lot               |   | 8  |   |  |
| Proposed Use: New - Single Fam         | nily  |  |   |  |
| Estimated Construction Cost: \$250     |   | Contractor Company: Ryan Hom                         | es  |  |
| Description of Work: Model Core        | sica 2 story full basement  | Contact Person: Daren Snyder                         | 3   |  |
|  | HB and Garage (4 bdrm) opt-FP   | Address: 9720 Patuxent Woods                         | Drive   |  |
| and Deck                               |   | City: Columbia Sta                                   | te: MD Zip Code:21046   |  |
|  | · · · · · · · · · · · · · · · · · · ·   | License No.: 56                                      |   |  |
| Occupant or Topanti Buen Harra         | <del></del>   | Phone: 410.796.0980 Fax: 410.796.7094                |   |  |
| Occupant or Tenant: Ryan Homes         |   | Email: dsnyder@nvrinc.com                            |   |  |
| Was tenant space previously occu       | pied?   |  |   |  |
| Contact Name: Daren Snyder             | 0.  | Engineer/Architect Company: Fis                      | sher, Collins, & Carter   |  |
| Address: 9720 Patuxent Woods D         | rive  | Responsible Design Prof.: Mark                       | Kubel   |  |
| City: Columbia State:                  | MD Zin Codo: 21046  | Address: 10272 Baltimore Nation                      | 1al Pike  |  |
| Phone: 410.796.0980                    | Fax:  | City: Ellicott City State Phone:410.461.2855         | E: <u>WD</u>  |  |
| Email: dsnyder@nvrinc.com              |   | Email:   |   |  |
| 22.05                                  |   | Littur.  |   |  |
|  | TION - COMMERICAL   |  | TION - RESIDENTIAL  |  |
| Building Characteristics               |   | Building Characteristics  ☐ SF Dwelling ☐ SF Townhse | Utilities   |  |
| Height:                                | Water Supply  | SF Dwelling SF Townhse                               | Water Supply  |  |
| No. of stories:                        | Public  | Donth Width  | ☐ Public  |  |
| Gross area, sq. ft./floor:             | ☐ Private   | 1 <sup>st</sup> floor: 40 54                         | □ Private     □   |  |
|  |   | 2 floor: 40 54                                       | Sewage Disposal   |  |
|  | Sewage Disposal   | Dasement, 40 04                                      | ☐ Public  |  |
| Area of construction (sq. ft.):        | Public  |  |   |  |
|  | Private   | Unfinished Basement                                  | Electric: X Yes No  |  |
|  | Electric: Yes No  | Crawl Space  | Gas: ⊠ Yes □ No   |  |
| Use group:                             | Gas: Yes No   | Slab on Grade  | Heating System  |  |
|  | 11 (: -6 /  | No. of Bedrooms: 4                                   | ☐ Electric  |  |
| Compting the second                    | Heating System  | Multi-family Dwelling                                |   |  |
| Construction type:                     | ☐ Electric ☐ Oil  | No. of efficiency units:                             | ☐ Natural Gas   |  |
| Reinforced Concrete Structural Steel   | ☐ Natural Gas ☐ Propane Gas   | No. of 1 BR units: No. of 2 BR units:                | ☐ Propane Gas   |  |
| Masonry                                | Sprinkler System:   | No. of 3 BR units:                                   |   |  |
| ☐Wood Frame                            | □ N/A   | Other Structure:                                     |   |  |
| State Certified Modular                | Full  | Dimensions:  | · · · · · · · · · · · · · · · · · · ·   |  |
| Roadside Tree Project Permit           | ☐ Partial   | Footings:  | Roadside Tree Project Permit  |  |
| Yes No                                 | Other Suppression   | Roof:  | Yes X No  |  |
| Roadside Tree Project Permit#          | No. of Heads:   | State Certified Modular                              | Roadside Tree Project Permit#   |  |
|  | Tro. o. Fraude.   | Manufactured Home                                    |   |  |
| MILL COMPLY MITH ALL DECULATIONS OF HO | AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHOR<br>WARD COUNTY WHICH ARE APPLICABLE THERETO<br>DN; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS | O AN THAT HE CHE WILL DEDECTIVE NO MODIL ON          | THE ABOVE REFERENCED PROPERTY NOT RETHE PURPOSE OF INSPECTING THE WORK  SEP 1 8 2015  |  |
|  |   |  |   |  |
| 7                                      | Charles Davidle to DIDECTOR OF  | EINANCE OF HOWARD COUNTY                             |   |  |
|  |   | FINANCE OF HOWARD COUNTY<br>IEATLY & LEGIBLY**       | •   |  |
|  |   |  |   |  |
|  |   | E USE ONLY-  | The late of the second |  |

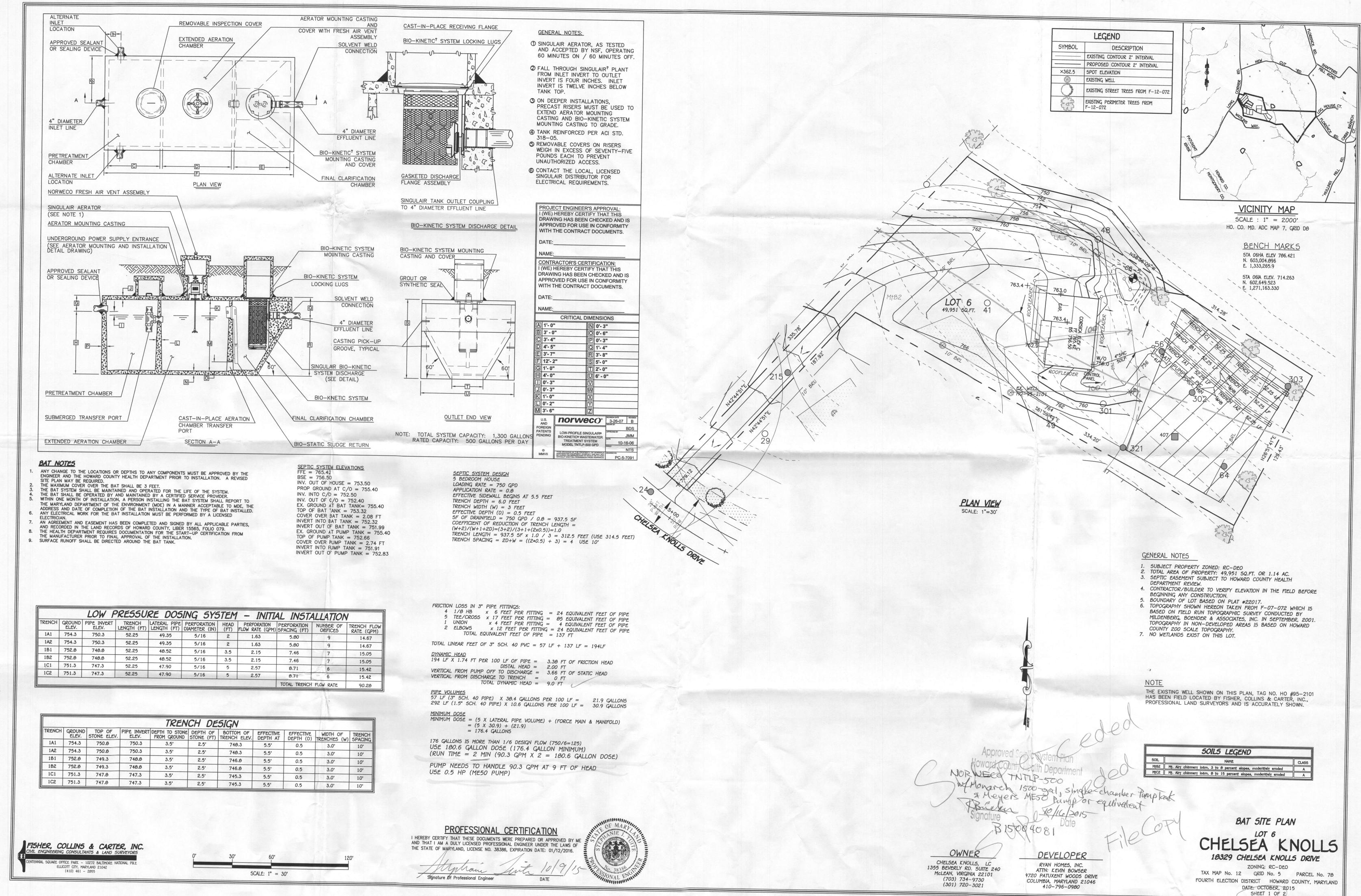
|                          |                   |                       | -FOR OFFICE USE ONLY-           |          |                |         |
|--------------------------|-------------------|-----------------------|---------------------------------|----------|----------------|---------|
| AGENCY                   | DATE              | SIGNATURE OF APPROVAL | DPZ SETBACK INFORMATION         |          | Filing Fee     | \$ 100  |
| State Highways           |                   |                       | Front:                          |          | Permit Fee     | \$      |
| Building Officials       |                   |                       | Rear:                           |          | Tech Fee       | \$      |
| PSZA (Zoning)            |                   |                       | Side:                           |          | Excise Tax     | \$      |
| PSZA (Engineering)       | , ,               | 0 1                   | Side St.:                       |          | PSFS           | \$      |
| Health                   | 10/10/201         | 5 Buckey              | All minimum setbacks met?       | Yes No   | Guaranty Fund  | \$ 50   |
| Fire Protection          | 1                 |                       | Is Entrance Permit Required?    | ☐Yes ☐No | Add'l per Fee  | \$      |
| Is Sediment Control appr | oval required for | rissuance? Yes No     | Historic District?              | ☐Yes ☐No | Total Fees     | . \$    |
| ☐ CONTINGENCY CON        |                   |                       | Lot Coverage for New Town Zone: |          | Sub-Total Paid | \$      |
| ONE STOP SHOP            |                   |                       | SDP/Red-line approval date:     |          | Balance Due    | \$      |
| (a) **                   |                   | *                     |                                 |          | CKS            | 950942+ |

Distribution of Copies: White: Building Officials Green: PSZA,Zoning T:\Operations\Updated Forms\New building app 11.10.2010.docx

Yellow: PSZA,Engineering

Pink: Health Gold: SHA

850943



2013\13038\dwg\GP\BAT Site Plans\13038 Lot 6 BAT.dwg, 10/9/2015 12:04:53 PM, 1:1

1.5" PERFORATED NOTE: OBSERVATION PIPE MUST BE INSTALLED AT EACH END OF EACH TRENCH TRENCH DETAIL

ME SERIES

Trust The Pump Experts. Myers has a market leading portfolio of horsepower and pump curve combinations, delivered with distinctive service.

## Features

RELIABLE AND TOUGH

 Rugged, oil-cooled motor provides continuous bearing lubrication and maximizes heat dissipation

EXTENDED SERVICE Lubricated ball bearings and shaft seal for
 Anti-airlock hole in base reduces longer service life

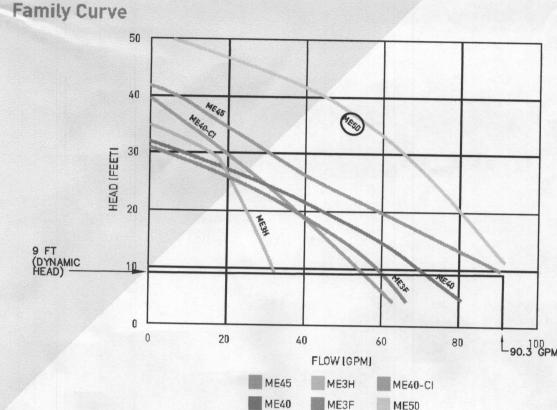
MOTOR PROTECTION Long-life carbon/ceramic seal protects motor against water leakage

THERMAL OVERLOAD

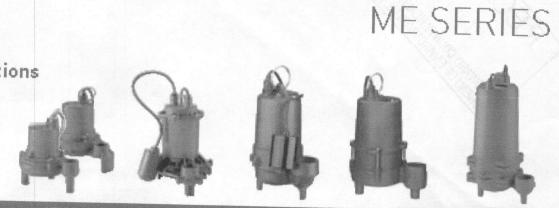
 Heat sensor overload protection with automatic reset when motor cools to safe operating temperature

NO DRILLING REQUIRED added labor

EASY SERVICEABILITY Pump, intake screen volute base. switch and power cord are serviceable



Specifications



|                       |   | 1015-40   | ME40+CI   | ME45   | (MESERIES)  |
|-----------------------|---|---|---|--|---|
| Capacities            | ME3H:36 GPM<br>[136 LPM]<br>ME3F: 66 GPM<br>[249 LPM]                                       | 90 GPM (303 LPM)  | 60 G РМ  227 L РМ)  | 97 GPM (229 LPM)   | 120 GPM K54 LPM)  |
| Shut-off Head         | ME3H: 35" [10.7 m]<br>ME3F: 31" [9.5 m]   | 32' [9.75 m]  | 40' [12 m]  | 44" [13,41 m]  | 95' [28.9 m]  |
| Operation             | Automatic or manual   | Automatic or manual   | Automatic or manual   | Automatic or manual  |   |
| SolidsHandling        | 3/4"[19 mm]   | 3/4"[19 mm]   | 3/4" [19 m m]   | 3/4"[19 mm]  | Automatic or manual   |
| Liquids Handling      | Domestic effluent and drain water   | Domestic effluentand<br>drain water   |   | Domestic effluent and drain water  | 3,4" (19 mm)  Domestic effluent and drain water   |
| Liquid Temp           | Intermittent up to<br>140° F (60°C)   | Intermittent<br>up to 140°F (60°C)  | Continuous 130°F<br> 55°C   | Intermittentup to<br>140°F (60°C)  | Intermittent up to<br>140° F [60°C]   |
| Motor Electrical Data | 1/3 HP, 1550 RPM,<br>shaded pole, oil-filled,<br>115V, 12A, 1s, 50Hz,<br>230V, 6A, 1s, 50Hz | 4/10 HP, 1650 R PM,<br>PSC with the most<br>overload, oit-filled;<br>115V, 12A, 1s, 60Hz;<br>230V, 6A, 1s, 60Hz | 4/10 HP, 2450 RPM,<br>PSC with thermal<br>overload, 115V,<br>10FLVA, 1ø, 60Hz | 1/2 HP: 3450 R PM,<br>PSC with thermal<br>overload, oil-filled;<br>115V, 8.6.A., 1ø, 60 Hz;<br>230V, 4.3.A., 1ø, 60 Hz | 1,2 HP, 115V, 1s, 1/2<br>to 1-1/2 HP, 230V, 1s,<br>08/230/460,575V, 3s,<br>PSC with the most<br>overload, oil-filled,<br>permainent split<br>calpacitor type, 1s,<br>3450 RPM, 60H <sub>2</sub> |
| Acceptable pH Range   | 6-9   | 5-9   | 5-9   | 5-9  | 6-9   |
| ShaftSeal             | Carbon and ceramic mechanical seal  | Carbon and ceramic mechanical seal.   | Carbon and ceramic mechanical seal  | Carbon and ceramic mechanical, seal.   | Carbon and ceramic mechanical seal  |
| Housing/Volute        | Cast iron   | Castiron  | Cast iron   | Castiron   | Castiron  |
| Volute Base           | Castiron  | Fiberglass reinforced polypropylene   | Cast iron   | Cast iron  | Castiron  |
| mpeller               | Fiberglass-reinforced<br>Nory(**  | Castiron  | Thermoplastic, non-<br>clog, vortex type                                      | Cast iron  | Castiron  |
| Exterior Hardware     | Stainless steel   | Stainless steel   | Stainless steet   | Stainless steel  | Stainless steel   |
| Power Cord            | 20°, 16/3, SJTW   | 20', 16/3, SJTW   | 20'  6 m), 16/3,<br>SJTW-A/SJTW   | 20', 16/3, SJTW  | 10'   |
| Discharge, NPT        | 1-1/2"[39.1 mm]   | 1-1/2" (39.1 mm)  |   | 2"(50.9 mm)  | 2"[50.8 mm]   |

ME3F/ME3H ME40/ME40-CI ME45

NOTE: USE A MESO PUMP



HORIZONTAL SCALE: 1"=30"

VERTICAL SCALE: 1"=3"

BAT SITE PLAN

18329 CHELSEA KNOLLS DRIVE

ZONING: RC-DEO TAX MAP No. 12 GRID No. 5 PARCEL No. 78 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND DATE: OCTOBER, 2015 SHEET 2 OF 2

-SECTION-PRECAST 1 COMPARTMENT PUMP TANK 1500 GALLON CAPACITY DWG. PT-15-1

PUMP ALARMS / INFORMATION A PUMP OFF : 749.16 B PUMP ON : 749.56 C HIGH WATER ALARM: 750.26 D TOP OF ACCESS COVER: 755.40

E TOP OF TANK : 752.66 F BOTTOM OF TANK : 747.66 G DISCHARGE OUT OF TANK : 752.83 H INVERT INTO TANK : 751.91

NOTE: SEPTIC SYSTEM ALARM WILL BE ON A CIRCUIT SEPARATE FROM ANY OTHER SEPTIC SYSTEM COMPONENTS OR ALARMS.

PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 38386, EXPIRATION DATE: 01/12/2016.

the man

Signature Of Professional Engineer

OWNER

McLEAN, VIRGINIA 22101

(703) 734-9730

(301) 720-3021

DEVELOPER RYAN HOMES, INC. ATTN: KEVIN BOWSER

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS INIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042

CHELSEA KNOLLS, LC 1355 BEVERLY RD. SUITE 240 9720 PATUXENT WOODS DRIVE COLUMBIA, MARYLAND 21046 410-796-0980