

Building Permit Application

Howard County Maryland

Department of Inspections, Licenses and Permits

3430 Court House Drive

Permits: 410-313-2455

www.howardcountymd.gov

Property Owner's Name:

| 3 | | | | | | 4-1 | | E. | | | | | | | | | | | | | | |
|---|---|----|---|----|----|-----|----|----|------|--|-----|---|---|-----|---|------|----|-----|---|-------|------|-----|
| ۲ | | ta | P | e. | ce | W | ar | | 2.50 | | | | | | | | | | | | 1. | - 3 |
| i | - | | | | 00 | | 00 | 48 | - | | 244 | - | - | -14 | - | · 16 | 44 | 200 | 4 | 74.00 | and. | 120 |

| City: [-43ad bloc | State:Zip Code: | City: State: Zip Code: Zip Code: |
|--|--|--|
| Suite/Apt. # | SDP/WP/BA #: | |
| of the state of th | | 대가 있는 것은 사람들은 사람들이 가는 다른 생각을 보고 있습니다. 그리고 있는데 그는데 그는데 그는데 그는데 그는데 그는데 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있는데 |
| Land Committee and Balancian and Salate Committee and | Parcel: | 그런 가는 프리아 그 사람들은 경기를 맞았다. 현실 하는 사람들은 경우 경우를 받는 이 경기를 받는 것으로 하는 것으로 가는 것으로 가는 것이 없다. 그런 그는 것이 없는 것이 없는 것이 없는 것이 없다. |
| | | Address: |
| Existing Use: | | Address: City: State: Zip Code: |
| Proposed Use: | Pasters Total | Phone: Fax: |
| Estimated Construction Cost: \$ | 9,000 | Email: 1 Markette 40 applied a chapter of approved and |
| Description of Work: | | Contractor Company: Test As |
| CARLON CONTRACTOR OF THE SAME OF THE PARTY O | the water mend | Contact Person: |
| TOTAL | | Address: |
| | | City: State: Zip Code: |
| Alaka () Edward Sala, as Politika (Salas) | | License No. : Fax: |
| | | Email: |
| Occupant/Tenant Name: | | |
| Was tenant space previously of | occupied? □Yes | □No Engineer/Architect Company: |
| | | Responsible Design Prof.: |
| A STATE OF THE STA | NO SECURE MANUAL MARKANIA MARK | Address: |
| Address: | man and the state of the state | |
| Gity! | State: Zip Code | |
| Rhone: | Fax: | Phone: Fax: |
| Email: | | Email: |
| | | |
| Commercial Building Chara Height: | | |
| No. of stories: | | Width Gas: □Yes □ No |
| Gross area, sq. ft./floor: | 1 st floor: | Water Supply |
| | 2 nd floor: | □ Public |
| Area of construction (sq. ft.) | | CI Decease |
| Use group: | ☐ Finished Basemen ☐ Unfinished Basemen | |
| U.O.O. ST. COMP. | ☐ Crawl Space | ☐ Public |
| Construction type | ☐ Slab on Grade | Private |
| ☐ Reinforced Concrete | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | Heating System |
| ☐ Structural Steel ☐ Masonry | Multi-family No. of efficiency units | Floritics Andrews Control of the Con |
| ☐ Wood Frame | No. of 1 BR units: | ☐ Natural Gas ☐ Propane Gas |
| ☐ State Certified Modular | No. of 2 BR units: | □ Other: |
| Elizabeth Charles | No. of 3 BR units: | Sprinkler System: |
| | Other Structure: | Yes □ No |
| > Roadside Tree Project | Dimensions: Permit Footings: | |
| _ Dives 🗇 | The section of the se | Grading Permit Number: |
| Roadside Tree Project Po | | |
| | ☐ Manufactured Hor | ne Building Shell Permit Number: |
| WITH ALL REGULATIONS OF HOWARD | COUNTY WHICH ARE APPLICABLE THERETO | IE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES. Print Name Date |
| | | to: DIRECTOR OF FINANCE OF HOWARD COUNTY |
| NO THE RESIDENCE | | *PLEASE WRITE NEATLY & LEGIBLY** -FOR OFFICE USE ONLY- |
| | | DPZ SETBACK INFORMATION Filling Fee \$ |
| AGENCY | DATE SIGNATURE OF APPROVAL | Front: Permit Fee \$ |
| State Highways | | Rear: Tech Fee \$ |

Building Officials

PSZA (Zoning)

PSZA (Engineering)

Health

Io 24 18

Is Sediment Control approval required for issuance?

Yes \(\text{No} \)

CONTINGENCY CONSTRUCTION START

Lot Coverage for New Town Zone: SDP/Red-line approval date:

All minimum setbacks met?

Is Entrance Permit Required? Yes No

Side St.:

Check

Excise Tax

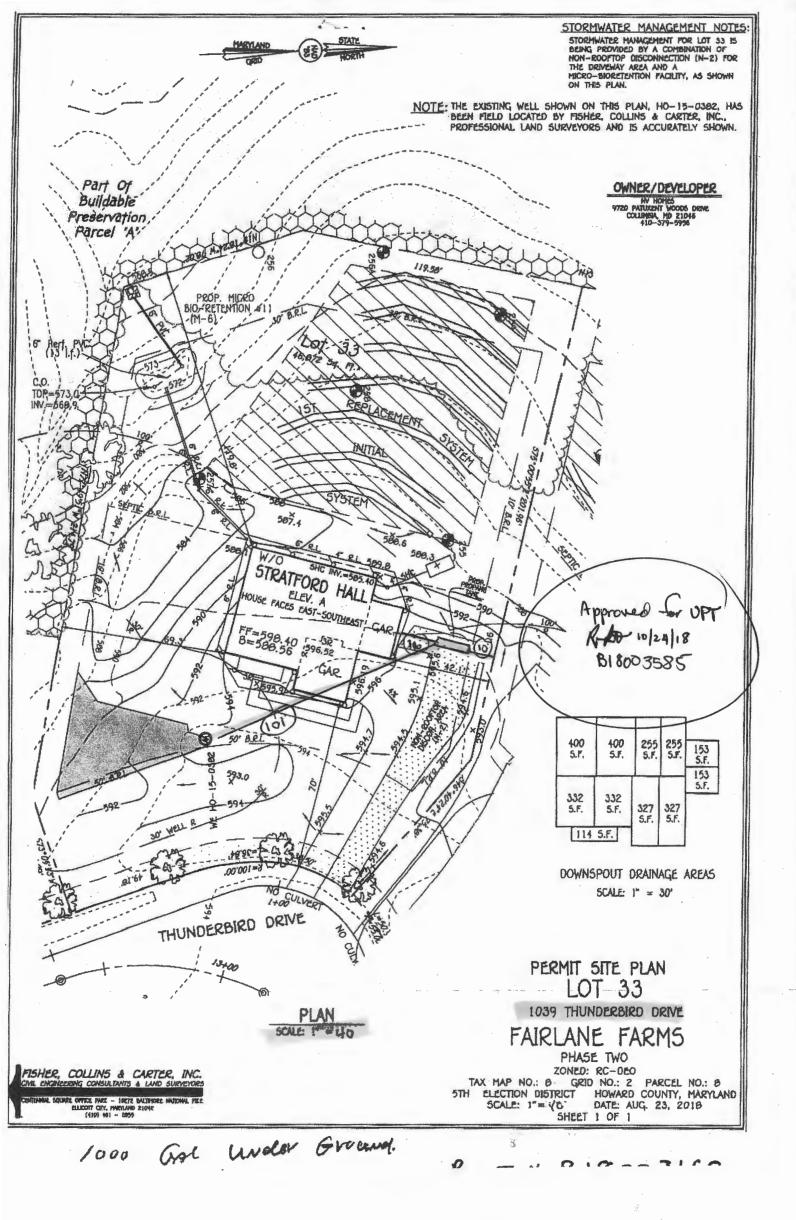
Guaranty Fund

Sub-Total Paid Balance Due

Add'I per Fee Total Fees

PSFS

\$



Oswald, Hank

From: Sent: Dave Harward, III < DaveH@fcc-eng.com>
Tuesday, September 18, 2018 8:15 AM

To:

Oswald, Hank

Cc:

Tony Fertitta; Cagle, Clint (ccagle@nvrinc.com)

Subject:

RE: Fairlane Farms Lots 28 & 33

That's great. We will make sure (on Lot 28) that the discharge pipe is installed at least 25 ft. away from the SDA. And I'll let NV Homes know about the basement room issue (and have them pass along that information to the homebuyer's).

Thanks Hank!

From: Oswald, Hank [mailto:hoswald@howardcountymd.gov]

Sent: Tuesday, September 18, 2018 8:08 AM

To: Dave Harward, III

Cc: Tony Fertitta; Cagle, Clint (ccagle@nvrinc.com)

Subject: RE: Fairlane Farms Lots 28 & 33

Hello Dave:

Lot 28 – the building permit has been approved but please make sure the invert out/discharge from the bio-retention pond is installed at least 25 feet from the SDA.

Lot 33 - the building permit has been approved but I must mention that if the future homeowners should want to install a wall adjacent the full bathroom in the basement (making it bedroom # 6 with a window), they will have to make upgrades to the system first (since the septic system only sized for 5 bedrooms).

Have a good day.

Hank

From: Dave Harward, III [mailto:DaveH@fcc-eng.com]

Sent: Tuesday, September 18, 2018 7:43 AM

To: Oswald, Hank Cc: Tony Fertitta

Subject: RE: Fairlane Farms Lots 28 & 33

OK, Thank You.

From: Oswald, Hank [mailto:hoswald@howardcountymd.gov]

Sent: Tuesday, September 18, 2018 7:42 AM

To: Dave Harward, III
Cc: Tony Fertitta

Subject: RE: Fairlane Farms Lots 28 & 33

Hi Dave:

Good morning. These two files were in my inbox this morning. I plan to review them this morning. I will keep you posted.

Thanks,

Hank

From: Dave Harward, III [mailto:DaveH@fcc-eng.com]

Sent: Tuesday, September 18, 2018 7:13 AM

To: Oswald, Hank Cc: Tony Fertitta

Subject: Fairlane Farms Lots 28 & 33

Good Morning Hank,

Re:

15212 Torino Way B18003159 Lot 28

1039 Thunderbird Dr B18003160 Lot 33

We need your help on these. These have not been signed off on yet. You had emailed Tony with a question about some angled lines showing outside of the septic area on Lot 33 (which he mentioned to you were structural fill lines, that we normally don't show on the OSDS plans). You suggested to Tony that he label them next time (we'll leave them off from now on). But it sounded like you were going to approve the plan as it was.

Lot 28 we submitted on Aug. 13, and mentioned in the transmittal that we had adjusted the septic tank location and were able to get gravity sewer service for the basement.

Please check on these, since NV is needing this sign-off for their permit.

Thanks Hank,

Dave.





Building Permit Application

Howard County Maryland

Pepartment of Inspections, Licenses and Permits

3430 Court House Drive

Permits: 410-313-2455

www.howardcountymd.gov

| Date Received: | |
|----------------|--|
| Date Neceiveu. | |

Permit No.: <u>B1800 3160</u>

| Building Address: 1039 The | inderbird Drive | _ | Property Owner's Name: NVR | Inc | |
|---|---|--------|--|-------------|---|
| city: Woodbine State | : M> Zip Code: 21797 | | Address: 9720 Patricent | Vonds | Drive |
| Suite/Apt. #SD | | | City: <u>Columbia</u> State: Phone: <u>410-379-5956</u> | | |
| • | Subdivision: Fair lane Fair | ท | Email: | | |
| Section:Are | | | Applicant's Name & Mailing Addre | ess. (If of | ther than stated herein) |
| | Grid: | | Applicant's Name: Decator | Build | ing Services |
| Zoning: Re Man Coordin | ates:Lot Size: | | Address: POR SS | | |
| zoning: wap coordina | ates: Lot Size: | . | City: <u>Woodsine</u> State Phone: <u>443.309.779</u> | | |
| Existing Use: Vacant lat | | | Email: Jim & Decatur buile | lug Se | rvices com |
| Proposed Use: Single family | | | Contractor Company: NV Ho | mes | |
| Estimated Construction Cost: \$ 23 | | | Contact Person: Chat | | |
| | , | | Address: 9720 Paturat | | |
| Description of Work: New 2 5 | | - | City: Columbia State: 1 | 20 | _ Zip Code: _2.1046 |
| WIH ELV'A', 2 can Si | de garage / cm | - | License No. : 56 | F | |
| Side attacked garage, | trushed lower lavel | - | Phone: 410-379 - 5956 | | |
| Side attacked gange, Occupant or Tenant: (nee | RM+BALL ROM) | - | Email: CCagle @ NVR : | 416 | Corri |
| Was tenant space previously occupied | l? □Yes □No | | Engineer/Architect Company: | *** | ED |
| Contact Name: | | | Engineer/Architect Company: Responsible Design To E. C. F. | IV | ED |
| Address: | | | Address | | _ |
| | | | City: SEP 0 | 4 201 | 8 |
| | State: Zip Code: | | City:state: | • DEE | Zip Code: |
| Phone: | _Fax: | - | Phone: LICENSES DIV | ISION | (1)11.0 |
| Email: | | | Email: | | f' |
| Commercial Building Characteristics | Residential Building Characteristics | 7 | Utilities | | |
| Height: | SF Dwelling SF Townhouse | 111 | Water Supply | | |
| No. of stories: | Depth Width | | Public | | A Process which a second was a second |
| Gross area, sq. ft./floor: | 1 st floor: 54 × 54 | | Private | | |
| | 2 nd floor: 48 × 54 | _ | Sewage Disposal | | |
| Area of construction (sq. ft.): | Basement: 54 y 54 | _ | Public : | | Application of the second |
| | Finished Basement | -111 | Private | | |
| Use group: | ☐ Unfinished Basement ☐ Crawl Space | - | | | 138 |
| Construction type: | ☐ Slab on Grade | - | Electric: Yes 🗆 No | | |
| ☐ Reinforced Concrete | No. of Bedrooms: 5 | - | Gas: ✓ Yes ☐ No | | |
| ☐ Structural Steel | Multi-family Dwelling | 711 | Heating System | _ · | |
| ☐ Masonry | No. of efficiency units: | | Electric 🗆 Oil | | 14 No. 10 No. |
| ☐ Wood Frame | No. of 1 BR units: | _ | ☐ Natural Gas ☐ Propane Gas | | , 41 ³ ; * |
| State Certified Modular | No. of 2 BR units: | | ☐ Other: | | |
| | No. of 3 BR units: | | Sprinkler System: | | |
| | Other Structure: | | EYes □ No | | |
| | Dimensions: | | | | |
| Roadside Tree Project Permit | Footings: | | | | C-180002 |
| □Yes No | Roof: | | Grading Permit Nu | mber: | 6(80000 |
| Roadside Tree Project Permit # | State Certified Modular | _]] | | | |
| | ☐ Manufactured Home | | Building Shell Permit Nu | ımber: | |
| WITH ALL REGULATIONS OF HOWARD COUNTY THIS APPLICATION; (5) THAT HE/SHE GRANTS CO | EES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED WHICH ARE APPLICABLE THERETO; (4) THAT HE/SH UNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PI | E WILL | PERFORM NO WORK ON THE ABOVE REFERE | NCED PRO | PERTY NOT SPECIFICALLY DESCI |
| Email Address AGENT NV Homes | Services . com | | 9/4/2018 | | |
| Email Address | | Date | 2 / 1 / | | |
| AGENT NV Homes | | | | | |
| Title/Company | | E F1-1 | MCC OC HOWARD CO. W. | | |
| | Checks Payable to: DIRECTOR O **PLEASE WRITE I -FOR OFFI | VEATL | Y & LEGIBLY** | | |

| AGENCY | DATE | SIGNATURE OF APPROVAL |
|------------------------|------|-----------------------|
| State Highways | | |
| Building Officials | | |
| PSZA (Zoning) | | |
| PSZA (Engineering) | | |
| Commence of the second | 9/18 | 18 H.Oswa |

Is Sediment Control approval required for Issuance? ☐ Yes No ☐ CONTINGENCY CONSTRUCTION START

| DPZ SETBACK INFORMATION | | |
|------------------------------|-------|-----|
| Front: | | |
| Rear: | | |
| 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: | ٠. | |

| Filing Fee | \$ 100 |
|----------------|-----------|
| Permit Fee | \$ |
| Tech Fee | \$ |
| Excise Tax | \$ |
| PSFS | \$ |
| Guaranty Fund | \$ 50 |
| Add'l per Fee | \$ |
| Total Fees | \$ |
| Sub-Total Paid | \$ |
| Balance Due | \$ 210271 |
| Check | #01001 |

Vistribution of Copies:

White: Building Officials

Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA

FINAL
STORMWATER MANAGEMENT
REPORT
Fairlane Farms, Lot 33

GP-18-35

Zoned: RC-DEO
Howard County, Maryland
Sixth Election District
Tax Map #8 Grid 2 & 3 Parcel 8 & 17

Friday, August 10, 2018

Builder:
NV Homes

9720 Patuxent Woods Drive
Columbia, MD 21046
410-379-5956

Prepared By:

Fisher, Collins and Carter, Inc. Centennial Square Office Park 10272 Baltimore National Pike Ellicott City, Maryland 21042 410-461-2855 w.o. #12036

Professional Certification: I hereby certify that these documents were prepared by me and that I am a duly Licensed Professional Surveyor under the laws of the State of Maryland.

License No. 20748, Expiration Date: 2/22/19.



SEP 1 3 2018

CHAP 20745 OVAL Exceptions Correspondence 0/3/19

TABLE OF CONTENTS

| I. Narrative and Summary of Standards for the 2000 MDE Regulations | 3-5 |
|--|-------|
| II. Chapter 5 Table 5.2 Summary of Site Strategies | 6-7 |
| III. Site Data for Project | 8-9 |
| IV. Chapter 5 SWM Computations | 10-14 |
| V. Conclusion | 15-16 |

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OWARD COUNTY HEALTH DEPT. FOOD PROTECTION PROGRAM **I.NARRATIVE**

Introduction:

This report will demonstrate how the criteria set forth in the Maryland Stormwater Design Manual, Volumes I and II (effective October 2000, revised May 2009) will be satisfied on this project. The goal of creating hydrology similar to that of "Woods in Good Condition" will be accomplished though the use of the practices contained within Chapter 5 of said manual. The achievement of this goal will remove the requirement of providing Channel Protection Volume.

General Site Conditions:

"This Property is zoned RC-DEO and consist of Parcels 8 & 17 located on both Tax Map 3 & Tax Map 8 of the Howard County, Maryland Tax Map Database System. Parcel 8 which is 69.2 acres in size borders Morgan Station Road and Old Frederick Road. Parcel 17 consist of three separate portions of land. One portion which is 28.0 acres in size is adjacent to the aforementioned Parcel 8 and also borders Old Frederick Road. Located to the northeast of this portion is another area of Parcel 17 that is 4.83 in size. The final piece is 36.71 acres and borders the South Branch of the Patapsco River. These three portions of Parcel 17 total 69.4 acres in size. Parcel 8 and the portion of Parcel 17 that border Old Frederick Road create the developable area where improvements have been proposed. The other portions of Parcel 17 (totaling 41.5) along with a proposed contiguous parcel that meanders through the developable area created by Parcels 8 & 17 (totaling 36.7) are planned to be in presentation by the design of this project. The total area of preservation that is currently proposed by this development is approximately 78.2 acres.

The developable area mostly contains 'B' Soils with some 'C' soils located in the area of the wetland, which no disturbance is proposed. Several existing drainage swales travel from the south to the north and develop into two streams, which discharge into the South Branch of the Patapsco River."

I. Natural Resource Protection:

To ensure the protection of natural resources located on this site, all buffers will be honored by locating improvements away from environmentally sensitive areas.

II. Maintenance of Natural Flow Patterns:

It is the intent of the proposed design to discharge runoff similar to the characteristics and direction of this site prior to any of the proposed improvements.

III. Reduction of impervious areas through better site design, alternative surfaces and Nonstructural Practices

This project maintains the original design provided by F-15-054.

- IV. <u>Integration of Erosion and Sediment Controls into Stormwater Strategy:</u>
 Erosion Control Matting is being used in the proposed swale and super silt fence as shown on the approved GP plans.
- V. <u>Implementation of ESD Planning Techniques and practices to the Maximum Extent Practicable (MEP)</u>

The full required ESD volume is being provided.

VI. Request for Design Manual Waiver:

No waivers are expected to be required on this project.

II. CHAPTER 5 TABLE 5.2 SUMMARY OF SITE STRATEGIES

Table 5.2 Summary of Site Development Strategies

| Better Site Design Technique | MDE Recommendations | Proposed Strategies |
|---|--|--|
| Using narrower, shorter streets, rights of ways and sidewalks | Streets may be as narrow as 22-feet in neighborhoods serving low traffic volumes; open space designs and clustering will reduce street lengths; rights-of-ways can be reduced by minimizing sidewalk width, providing sidewalks on one side of the road, and reducing the border width between the street and sidewalk | N/A |
| Cul-de-sacs | Allow for smaller radii for turn around as low as 35-feet; use a landscaped island in the center of the Cul-de-sac and design these areas to treat stormwater runoff. | N/A |
| Open vegetated channels | Allow grass channels or biofilters for residential street drainage and stormwater treatment. | N/A |
| Parking ratios, parking codes, parking lots, and structured parking | Parking ratios should be interpreted as maximum number of spaces; use shared parking arrangements; minimum parking stall width should be less than 9-feet and stall length lass than 18-feet; parking garages are encouraged rather than surface lots. | N/A |
| Roadway Runoff | Runoff from proposed roadways will be Open Section with offset filter areas located on Open Space Lots. | N/A |
| Open Space | Flexible design criteria should be provided to developers who wish to use cluster development and open space designs | N/A |
| Setbacks and frontages | Relax setbacks and allow narrower frontages to reduce total road length; eliminate driveways | N/A |
| Driveways | Allow for shared driveways and alternative impervious surfaces | Disconnection |
| Rooftop runoff | Direct to pervious surfaces | Micro-bioretention Facility |
| Buffer systems | Designate a minimum buffer width and provide mechanisms for long-term protection | N/A |
| Clearing and grading | Clearing, grading, and earth disturbance should be limited to that required to develop lot. | Smaller LOD |
| Tree conservation | Provide long-term protection of large tracts of contiguous forested areas; promote the use of native plantings. | Forest Conservation addressed by F-01- 191. |
| Conservation incentives | Provide incentives for conserving natural areas through density compensation, property tax reduction, and flexibility in the design process. | N/A |

AND COUNTY OF THE PROPERTY OF

III. SITE DATA FOR PROJECT

LOT 19, STORMWATER MANAGEMENT CONCEPT SUMMARY

Site Data:

Total Site Area: 1.08 acres

LOD (Limit of Disturbance): 34,302 SqFt. or .79 Acres.

Soil Condition: 0% "A", 100% "B", 0% "C", 0% "D"

Measured Impervious Area: 4,612 SqFt. or 0.11 Acres+/-



IV. CHAPTER 5 SWM COMPUTATIONS

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OWARD COUNTY HEALTH DEPT. FOOD PROTECTION PROGRAM

Stormwater Management Requirements

Initial Site Assessment (Site Data):

1. Existing Conditions

Total L.O.D:

34,302sq.ft. or 0.79acres +/-

Soil Types:

100% B Soil

Land Use:

Residential

Lot Size

46,872 sq.ft.

2. Proposed Conditions

Impervious Cover: 4,612 sq.ft. or 0.11 acres +/-. (1,676 sq.ft. Paving + 2,936 sq.ft. Rooftop = 4,612 sq.ft. = 0.11 acre)

RCN's for Wooded Conditions: Target Pe Using Table 5.3

% Impervious: 0.11 acres/0.79 acres (LOD) = "I" = 0.134 USE 14%

Using Table 5.3 and applying 14% Impervious

Pe Target for ESD Practices: 1.0 inches

ESD Targets

Impervious Area 14%

$$Rv = 0.05 + 0.009 (I)$$

= 0.05 + 0.009 (14)
= 0.18

ESDv =
$$\frac{\text{(Pe)(Rv)(A)}}{12}$$

= $\frac{(1.0)(0.18)(34,302)}{12}$

Minimum Required ESDv = 503.10

Use 504 cu.ft.

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ESDv Provided - Disconnection of Non-Rooftop Runoff

ESDv provided by N-2 (33) Non-Rooftop Runoff Lot: 147 cu.ft.

Determine Treatment for the proposed driveway: 1,680 SqFt. of Driveway A non-rooftop disconnect area has been proposed along the driveway, The following calculations reflect the most extream of the the disconnectuin area. Impervious Ratio = 100.0%

Disconnection Length / Impervious Length = 15.0/14.0

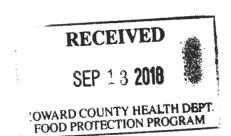
Using Table 5.7(page 5.62) the PE treatment provided based on a 1:1 ratio is 1.0"

Pervious ratio = Disconnection Length / Contribution Length = N/A

Using Table 5.7 (page 5.62) the PE treatment provided based one a 1:1 ratio is 1.0" Using a treated Pe of 1.0" Environmental Site Design has been provided.

 $ESDv = \underline{(Pe)(Rv)(A)}$ 12

ESDv Required: (1.0)(0.95)(1,680)/12 = 133.00 cu.ft.



ESDv Provided - Micro Bio retention

ESDv provided by Micro-Bioretention M-6 (1): 229 cu.ft.

Drainage Area: 4898 sq.ft.

Impervious Area: 3300 sq.ft. or 67% Impervious

$$ESDv = (Pe)(Rv)(A)$$

12

ESDv Required: (1.0)(0.66)(4898)/12 = 267.91 cu.ft.

This Bio Retention Facility has the total storage potential of 229 CuFt. Provided by a surface area of 151 SqFt having a perimeter of 52' and a depth of 1'. This is beyond the required 200.93 CuFt (267.91 CuFt x 0.75) needed to store at least 75% of overall ESDv within the surface area. The remaining 25% of ESDv is accounted for within the stone reservoir at the bottom of the facility. In summary 100% of the required ESDv is being provided within the proposed facility.

Total ESDv required: 504 CuFt.

-ESDv credit provided by N-2 Disconnection of Non-Rooftop Runoff: 147 CuFt.

Total ESDv remaining: 357 Cu.Ft.

Required ESDv storage (357 Cu.Ft. x .75) = 268 Cu.Ft.

-ESDv storage provided by M-6 Micro-Bioretention: 229 CuFt.

Total ESDv storage provided 376 CuFt.

VI. Conclusion:

Contained within this SWM report, we have attempted to demonstrated the ability to mimic the runoff characteristics of "woods in good condition" through approved MDE Chapter V practices. It is this firms opinion that Environmental Site Design (ESD) to the Maximum Extent Practicable (MEP) has been achieved through the use of 3 drywells & non-rooftop disconnection, to meet and exceed the required ESD volume.

Fairlane Farm LOT 33

STRATFORD HALL

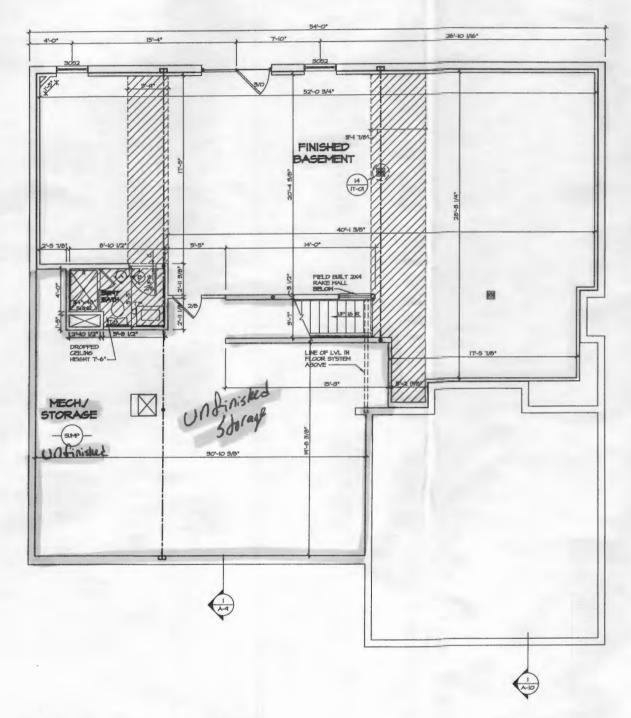
Health Dept.

| 1039 790 | nderbird Drive |
|--|---|
| | FULL BASEMENT |
| | ý I I I I I I I I I I I I I I I I I I I |
| | 94G (2E) |
| OPTIONS | OP-1 |
| SPEC SHEET | 55-1 |
| ELEVATIONS | |
| FOUNDATIONS FOUNDATION HOLD DOWNS | 22, 23, 24, 25 |
| PLIMBING | 26 |
| BASEMENT FLOOR PLAN | |
| FIRST FLOOR PLAN | 24 |
| SECOND FLOOR PLAN | 321 |
| BUILDING SECTIONS | 34, 36 |
| STAIR SECTIONS | 36 |
| KITCHEN - BATHS BASEMENT ELECTRICAL | 41, 42, 43, 44 |
| BASEMENT ELECTRICAL FIRST FLOOR ELECTRICAL | 45 47 |
| SECOND FLOOR ELECTRICAL | 50 |
| FIRST FLOOR FRAMING | 52 |
| SECOND FLOOR FRAMING | 54 |
| ROOF FRAMING | 55, 56 |
| TRUSS BRACING | 61 |
| WALL BRACING LAYOUT | 63 |
| HVAC LAYOUT | 67 68 |
| HVAC LAYOUT | |
| HVAC LAYOUT | 10 |
| HVAC LAYOUT | |
| HVAC LAYOUT | 72 |
| HVAC LAYOUT | |
| HVAC LAYOUT | 14 |
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NVR, Inc. Architectural Services Architects 5285 Westview Drive, Suite 100 Frederick, MD 21703

| FIRST FLOOR SQUARE FO | OTAGE |
|--|---|
| DESCRIPTION | TOTAL SQ. FT. |
| IST FLOOR (BASE SF) | 2151 SF |
| | 2151 SF |
| | |
| | |
| | |
| SECOND FLOOR SQUARE F | T |
| DESCRIPTION | TOTAL, SQ. FT. |
| 2ND FLOOR (BASE SF) | 2133 SF |
| | 2155 SF |
| GARAGE SQUARE FOOT | A.C.B. |
| DESCRIPTION | TOTAL SQ. FT. |
| THO CAR GARAGE ELEY, "A" OR "K" OR "R" | 501 SF |
| ONE CAR SIDE ATTACHED GARAGE (ADD. SF) | 314 SF |
| | 821 SF |
| | |
| | |
| BASEMENT SQUARE FOO | |
| DESCRIPTION | TOTAL 5Q. FT. |
| FINISHED BASEMENT | 1451 SF 1451 SF |
| | |
| UNFINISHED SQUARE FOO | |
| DESCRIPTION | TOTAL SQ. FT. |
| MECHANICAL ROOM | 429 SF 295 SF |
| MECHANICAL ROOM | 724 SF |
| - Propression and American | 1273 |
| | |
| TOTAL FINISHED SQUARE FO | OOTAGE |
| DESCRIPTION | TOTAL SQ. FT. |
| IST FLOOR (BASE SF) | 2 5 SF |
| 2ND FLOOR (BASE SF) | 2133 SF |
| FINISHED BASEMENT | 1451 SF |
| | 5785 SF |
| | |
| | |
| | |
| | 2 5 9F 2 33 9F 45 9F 5785 9F |
| | |
| SET - VERSION | |



BASEMENT FLOOR PLAN
SCALE 144" - 14-0"

FLOOR PLAN NOTES

- ILOOR PLAN NOTES

 1. ALL MEADERS ARE (2) 266 W 22M WALLS OR (3) 266 W 26M WALLS OR (3) 266 W 26M WALLS OR (3) 26M W 26M WALLS (MESS OTHERWISE NOTED.

 2. ALL MEADERS TO HAVE (1) 26M OR 26M JACK EACH END, INLESS OTHERWISE NOTED.

 3. ALL EXTERIOR WALLS TO BE 47 AND ALL INTERIOR WALLS TO BE 91/21, MESS OTHERWISE NOTED.

 3. ALL EXTERIOR WALLS TO BE 91/20 AND ALL INTERIOR WALLS TO BE 91/21, MELLS DECORPTED CEILINGS, ALL DROOPTED CEILINGS, ALL DROOPTED CEILINGS, ALL DROOPTED CEILINGS AND PROPERTY SEELINGS, ALL PRANTING LOCATIONS AND HEADER SIZES, IF APPLICABLE.

 6. SEE STANDARD DETAIL CATEGORY "IT SHEET(S) FOR RIBERIOR TRIM DETAILS.

 7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIE MISSION TRIM OPTION TABLE.

 A. OTHERWISE MITTING TO 1/21 MEADER REIGHT UNLESS AND ALL CAREGO OTHERWISE MITTING.

 NOTED.

SYPSUM NOTES

AT GARAGE:

5/8" DRYWALL ON COMMON WALLS, CEILING, AND BEARING WALLS AS REQUIRED.

AT STAIRS

1/2" SYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

WITH OPTION "SCI" - DRYWALL. UNFINISHED BASEMENT CEILING AREA

NOTES:

- LZ STISSM MALL BOAKD REQUIRED ON CELLING IN UPFINISHED AREAS IMEN NO SPRINKLER SYSTEM IS INSTALLED.

 A MADINIM AREA OF BO SO IT MAY BE OMITTED AS REDUCE FOR INSTALLING OF PLANIBING. ELECTRICAL, ANDOR IMAC (THROALTY AN BIOLOGY)—O' CELLING STACE ADVICE MECHANICAL AREAS.

 FROMDE TIME BLOCKING AS REQUIRED AT PERIMETER. OF ANY AREAS IMERE DRYMALL HAS BEEN OMITTED.

L_-_ LVL

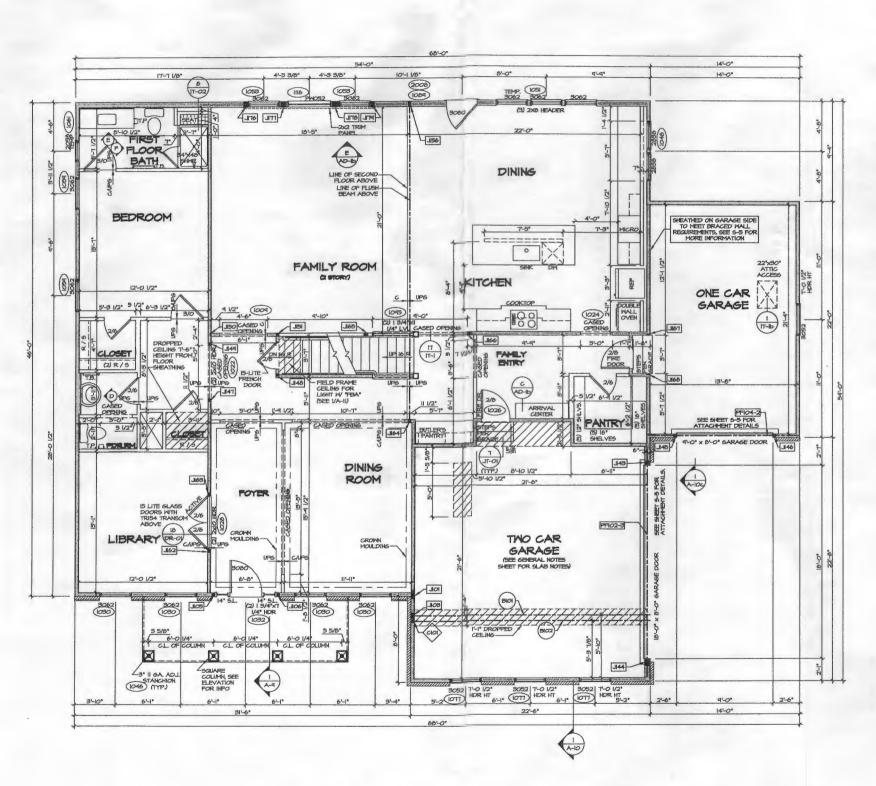
SEE FC DETAILS FOR



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A-6



FIRST FLOOR PLAN

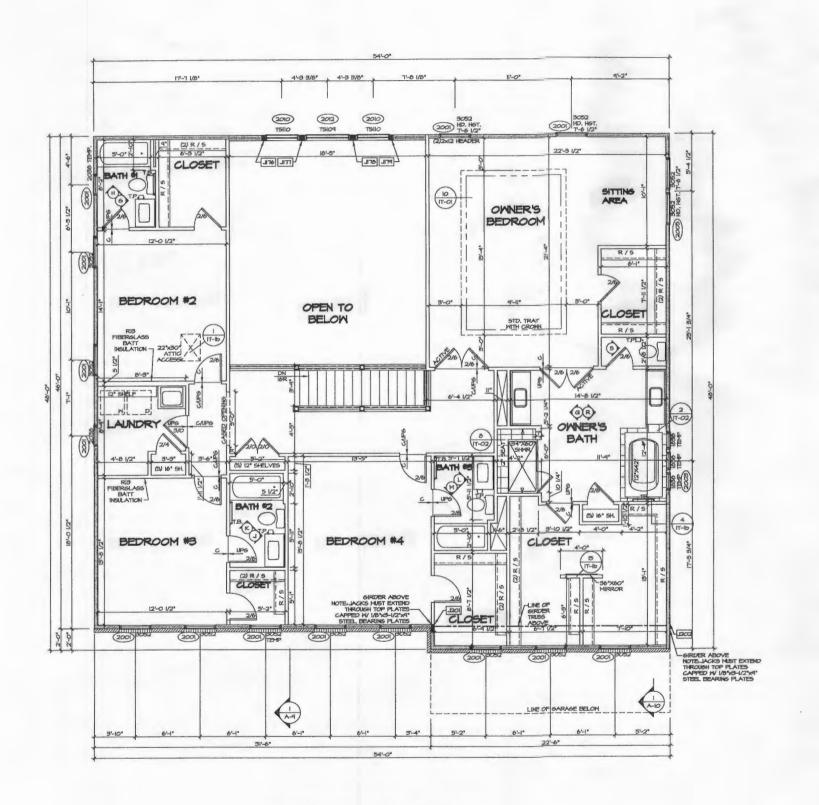
SCALE 14" - 1-0"

FOR NOTES AND SCHEDULES SEE PAGE A-76

WAR, olher repro

MODEL STRATFORD I DRAWING TITLE FIRST FLOOR PLAN

29





ALL HEADERS ARE (2) 266 W 264 WALLS OR (6) 266 W
26 WALLS, INLESS OTHERWISE NOTED.

ALL HEADERS TO HAVE (1) 264 OR 266 LACK BACH BID,
INLESS OTHERWISE NOTED.

ALL HEADERS TO HAVE (1) 264 OR 266 LACK BACH BID,
INLESS OTHERWISE NOTED.

INLESS OTHERWISE NOTED.

HALLS TO BE 3 (22; INLESS OTHERWISE NOTED.

HALLS TO BE 3 (22; INLESS OTHERWISE NOTED.

HATCHED AREAS INDICATE PROPREDE CEILINGS. ALL

DROPPED CEILINGS ARE 12' INLESS OTHERWISE NOTED.

SEE TRACED MALL PANEL DETAIL SHETT'FOR SPECIAL

WALL FRAMING LOCATIONS AND HEADER SIZES, IF

APPLICABLE

SEE STANDARD PETAIL. CATEGORY "IT" SHETTIS) FOR

INTERIOR TRIM DETAIL. SHETT "AD" FOR HOUSE

SFECIFIC INTERIOR TRIM OPTION TAKE.

ALL MINDOWS HAVE "YO (2" HEADER HEIGHT LINLESS

OTHERWISE NOTED.

ALL CASED OFENINGS AT "I-II", INLESS OTHERWISE

NOTED.

LEGEND BEARING HALL NON BEARING HALL ⊗ INDICATES BEARING FROM POINT-LOAD ABOVE L JACKS B. BEAMHEADER P... PAD FOOTING C. STEEL COLUMN X PORTAL FRAME X JOIST/TRUSS L_-_ LVL

SEE FC DETAILS FOR

| SECOND FLOOR JACK SCHEDULE | | | | | | | |
|----------------------------|-----------------------|---------|-----------|----------------------|--|--|--|
| DENTIFIER | DESCRIPTION | OPTIONS | ENG. NUM. | REMARKS | | | |
| JH76 | JACK - (9) 2X6 SFF #2 | | 2014 | FULL HEIGHT STUDS | | | |
| JITT | JACK - (4) 2X6 SPT *2 | | 2015 | FULL HEIGHT STUDS | | | |
| JITO | JACK - (4) 2X6 5FF #2 | | 2015 | FULL HEIGHT STUDS | | | |
| PLIF | JACK - (8) 2X6 5PF #2 | | 2014 | FULL HEIGHT | | | |
| J201 | JACK - (6) 2X4 5P# | | 2008 | | | | |
| J202 | JACK - (6) 2X4 5PM | | 2008 | | | | |

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SECOND FLOOR PLAN 1 A-0