

Record Detail \* (This section is required.)

Permit Type Building/Residential/Alteration/SFD Permit Number B24002534 Opened Date 07/09/2024  
 Description of Work SFD/INTERIOR ALTERATIONS TO FINISH BASEMENT TO CREATE ENTERTAINMENT AREA, STORAGE AREA, WET BAR AND SINK, PANTRY, ONE FULL BATHROOM, ONE BEDROOM, GYM AREA, STORAGE AREA. APPROX 3917 SQFT\*\*STORAGE AREAS TO HAVE FIRE SEPARATION, SMOKE DETECTORS REQUIRED, SUBJECT TO FIELD INSPECTION\*\*

[check spelling](#)

Address \* (This section is required.)

Search Reset Clear Get Parcel & Owner  
 Street # 11905 Street Name NORTHERN BELL Street Type WAY  
 Unit Type --Select-- Unit # X Coordinate -76.96981 Y Coordinate 39.23243  
 City CLARKSVILLE State MD Zip Code 21029 Primary Yes

On HOLD,  
 need septic system  
 upgrade. g& 7/23/24

Parcel \* (This section is required.)

Search Reset Clear Get Address & Owner  
 GIS ID 1104855 Parcel 48 Parcel Area 49944 Land Value 326400 Improved Value 1460300 Exemption Value 0 Plan Area RURAL  
 Legal Description LOT 15 49.944 SF [ ]11905 NORTHERN BELL WAY [ ]GREENBERRY

Revised floor plans OK  
 House to remain 6BDR.  
 g& 8/16/24

[check spelling](#)

Block 15 Census Tract 605101 Council Dist 5 Inspection Dist Supervisor Dist Map # DAP Zone  
 Plan Area State Tax Id 1405598678 Subdivision Name Greenberry  
 Section Area Tax Map 28  
 Grid Zoning District RR-DEO ADC Map 4933-E3  
 SDP No. Final Plan No. ECP-13-026 WP File No. Primary Yes  
 Record Plat No. 23453-2346 WS Contract No. FDP No.  
 Owner Occupied Year Built 2016 Historic District Yes No  
 Historic District Registry No. Stat Area 5-02A Flood Plain Yes No  
 Building No

Owner (This section is not required.)

Search Reset Clear

Name ARAIN  
 Address Line 1 14732 MATTAWOMAN DR  
 Address Line 2

Address Line 3

Mail City BRANDYWINE  
 Mail State MD  
 Mail Zip Code 20613  
 Phone 917-971-7088  
 Primary Yes  
 E-mail

darakhader@hotmail.com

Cell Number

Fax Number

Professionals (This section is not required.)

License # \* Business Name

License Type \* First Name Middle Name Last Name  
 --Select--  
 Primary Address Line 1  
 Yes Address Line 2  
 City State ZIP Code  
 Phone 1 Phone 2 Fax  
 E-mail

Applicant (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type \* First Name MI Last Name  
 Applicant Dara Khader  
 Relationship Full Name  
 Applicant Dara Khader  
 Primary Organization Name  
 No Tri Fusion Inc  
 Street Address  
 14732 MATTAWOMAN DR  
 Address Line 2  
 City State Zip Code  
 BRANDYWINE MD 20613  
 Phone Cell Fax  
 917-971-7088  
 E-mail \*  
 darakhader@hotmail.com

Contact (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type First Name MI Last Name  
 Contact Dara Khader  
 Relationship Full Name  
 Agent for Owner Dara Khader  
 Primary Organization Name  
 Yes Tri Fusion Inc  
 Street Address  
 14732 MATTAWOMAN DR  
 Address Line 2  
 City State Zip Code  
 BRANDYWINE MD 20613  
 Phone Cell Fax  
 917-971-7088  
 E-mail  
 darakhader@hotmail.com

Addtl Info

Est Construction Cost \* Housing Units \* Number of Buildings \* Public Owned  
 50000 0 0 No  
 Construction Type  
 434 - Additions, Alterations and Conversions - Residential

RESIDENTIAL ALTERATION INFO

RESIDENTIAL ALTERATION INFORMATION

Total Square Footage *	No of Stories *	Basement	Bedrooms	Full Baths	Half Baths	Water *	Sewage *
3917	SQFT (Number) 3	(Number) Unfinished	1	(Number) 1	(Number) 0	(Number) Private	Private

**11905 NORTHERN BELL WAY, CLARKSVILLE, MD 21029**  
**INTERIOR RENOVATION - BASEMENT**



# 11905 NORTHERN BELL WAY, CLARKSVILLE, MD 21029



### SCOPE OF WORK

THE SCOPE OF WORK IS RENOVATION AT BASEMENT ONLY. NO STRUCTURAL WORK.

- WORK DETAILS:
- ADD BATHROOM
  - FLOORING
  - PAINTING
  - WET BAR
  - ADD BEDROOM
  - ADD GYM ROOM
  - ADD STORAGE

#### PROJECT COMPLIES WITH

- (1) THE INTERNATIONAL BUILDING CODE, 2018 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- (2) THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- (3) THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- (4) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- (5) THE LIFE SAFETY CODE, 2018 EDITION, PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION.
- (6) THE HOWARD COUNTY ELECTRICAL CODE, ADOPTED PURSUANT TO TITLE 3, SUBTITLE 2 OF THE HOWARD COUNTY CODE.
- (7) THE PLUMBING AND GAS FITTING CODE FOR HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE HOWARD COUNTY CODE.
- (8) THE MARYLAND STATE ACCESSIBILITY CODE.
- (9) THE HOWARD COUNTY SIGN CODE, ADOPTED PURSUANT TO TITLE 3, SUBTITLE 5 OF THE HOWARD COUNTY CODE.

1. ALL INTERIOR WALLS SHALL BE COVERED WITH 1/2" GYPSUM BOARD, WITH METAL CORNER REINFORCING, TAPE FLOAT AND SAND, (3 COATS) USE 5/8" GYPSUM BOARD ON CEILINGS WHEN SUPPORTING MEMBERS ARE 24" O.C. OR GREATER. USE 1/2" GYPSUM BOARD ON CEILING MEMBERS LESS THAN 24" O.C.
2. ALL BATH AND TOILET AREA WALLS AND CEILINGS SHALL HAVE WATER RESISTANT GYPSUM BOARD.
3. ATTIC HVAC UNITS SHALL BE LOCATED WITHIN 20' OF ITS SERVICE OPENING. RETURN AIR GRILLES SHALL NOT BE LOCATED WITHIN 10 FEET OF A GAS FIRED APPLIANCE.
4. MAIN FLOOR CEILINGS TO BE 10' UNLESS NOTED.
5. BUILDER TO APPROVE & VERIFY ALL PLANS BEFORE CONSTRUCTION.
6. HVAC & W.H. TO BE IN ATTIC UNLESS OTHERWISE NOTED.
7. PROVIDE SHUT-OFF VALVE FOR ALL GAS APPLIANCES. REFERENCE IRC SECTION G2419
8. ATTIC HVAC UNITS SHALL BE LOCATED WITHIN 20' OF ITS SERVICE OPENING. RETURN AIR GRILLES SHALL NOT BE LOCATED WITHIN 10 FEET OF A GAS FIRED APPLIANCE.
9. APPLIANCE.
10. ALL WALLS AND CEILINGS IN GARAGE AND GARAGE STORAGE AREAS TO HAVE 5/8" TYPE-X GYP. BOARD W/ 1-HOUR FIRE RATING. ALL EXT. DOORS IN GARAGE TO
11. BE METAL OR SOLID CORE DOORS INCLUDING DOORS ENTERING HEAT/COOLED PORTION OF RESIDENCE.
12. ALL FIREPLACE CHASE WALLS SHALL BE INSULATED INSIDE AND OUTSIDE. PROVIDE HORIZONTAL "DRAFT STOPS" AT EACH FLOOR LEVEL BY PACKING 6" (R-19)
13. INSULATION BETWEEN 2X4 JOISTS.
14. ALL INTERIOR WALLS SHALL BE COVERED WITH 1/2" GYPSUM BOARD, WITH METAL CORNER REINFORCING, TAPE FLOAT AND SAND, (3 COATS) USE 5/8" GYPSUM BOARD ON CEILINGS WHEN SUPPORTING MEMBERS ARE 24" O.C. OR GREATER. USE 1/2" GYPSUM BOARD ON CEILING MEMBERS LESS THAN 24" O.C.
15. BOARD ON CEILINGS WHEN SUPPORTING MEMBERS ARE 24" O.C. OR GREATER. USE 1/2" GYPSUM BOARD ON CEILING MEMBERS LESS THAN 24" O.C.
16. ALL BATH AND TOILET AREA WALLS AND CEILINGS SHALL HAVE WATER RESISTANT GYPSUM BOARD.

#### Stairs & Handrail Notes

STAIR DIMENSIONS:			
MAX RISE	=		7 1/2"
MIN RUN	=		10"
MIN TREAD	=		9 1/2"
MIN NOSING	=		1"
MIN HEADROOM	=		6' 5"
GUARD HEIGHT AT STAIR RUN	=		42"
GUARD HEIGHT AT LANDING	=		42"
ALL OTHER GUARD HEIGHT	=		42"
HANDRAIL HEIGHT	=	MIN 31" AND MAX 38"	

#### INSULATION AND WEATHERSTRIPPING

1. BEAMS AND LINTELS  
MINIMUM 89MM END BEARING FOR WOOD BEAMS, WITH 190MM SOLID MASONRY BENEATH THE BEAM.  
PROVIDE SOLID BLOCKING THE FULL WIDTH OF THE SUPPORTED MEMBER UNDER ALL CONCENTRATED LOADS.
2. INSULATION AND WEATHERPROOFING:  
CEILING WITH ATTIC RSI 7.00  
EXTERIOR WALL RSI 3.34  
EXPOSED FLOOR RSI 4.40
3. SUPPLY DUCTS IN UNHEATED SPACE INSULATION SHALL BE PROTECTED WITH GYPSUM BOARD OR AN EQUIVALENT INTERIOR FINISH, EXCEPT FOR UNFINISHED BASEMENTS.
4. CAULKING SHALL BE PROVIDED FOR ALL EXTERIOR DOORS AND WINDOWS BETWEEN THE FRAME AND THE EXTERIOR CLADDING.
5. WEATHERSTRIPPING SHALL BE PROVIDED ON ALL DOORS AND ACCESS HATCHES TO THE EXTERIOR, EXCEPT DOOR FROM A GARAGE TO THE EXTERIOR.
6. EXTERIOR WALL, CEILINGS AND FLOOR SHALL BE CONSTRUCTED SO AS TO PROVIDE A CONTINUOUS BARRIER TO THE THE PASSAGE OF WATER VAPOUR FROM THE INTERIOR AND TO THE LEAKAGE OF AIR FROM THE EXTERIOR.

#### NATURAL VENTILATION

1. EVERY ROOF SPACE ABOVE AN INSULATED CEILING SHALL BE VENTILATED WITH UNOBSTRUCTED OPENINGS EQUAL TO NOT LESS THAN 1/300 OF THE INSULATED CEILING AREA.
2. INSULATED ROOF SPACES NOT INCORPORATING AN ATTIC SHALL BE VENTILATED WITH UNOBSTRUCTED OPENING TO NOT LESS THAN 1/50 OF THE INSULATED CEILING AREA.
3. ROOF VENTS SHALL BE UNIFORMLY DISTRIBUTED WITH MIN 25% AT TOP OF THE SPACE AND 25% AT BOTTOM.
4. MINIMUM NATURAL VENTILATION WHERE MECHANICAL IS NOT PROVIDED:  
BATHROOM 0.09M2  
OTHER ROOMS 0.28M2

### GENERAL AND CONSTRUCTION NOTES

1. HANDRAILS SHALL BE PLACED BETWEEN 34 AND 38 INCHES ABOVE THE NOSING OF TREADS AND LANDINGS.
2. HANDGRIP TYPE 1 OR TYPE 2 AS PER DCRC SEC. R311.7.8.3
3. SPACE BETWEEN HANDRAIL AND WALL NOT LESS THAN 1 1/2"
4. SPACING BETWEEN INTERMEDIATE RAILS OF OPEN HANDRAILS SHALL BE LESS THAN 4 3/8"
5. STAIRWAY HANDRAIL SHALL NOT PROJECT MORE THAN 4 1/2" EITHER SIDE OF THE STAIRWAYS
6. WALKING SURFACE OF TREADS AND LANDING OF STAIRS SHALL NOT BE SLOPED GREATER THAN 1:48 (2%)

#### LEGEND

ALUM	ALUMINUM	LTL	LINTEL
CONC	CONCRETE	ME	MATCH EXISTING
DB	DEAD BOLT	MIN	MINIMUM
DIA.	DIAMETER	MANU	MANUFACTURER
D.J.	DOUBLE JOIST	MAX	MAXIMUM
DN	DOWN	N.T.S.	NOT TO SCALE
DW	DISH WASHER	O.A.	OPEN AIR
DWG	DRAWING	O.C.	ON-CENTER
E.P.	ELECTRICAL PANEL	P.T.	PRESSURE TREATED
EQ	EQUAL	PREFIN	PREFINISHED
FD	FLOOR DRAIN	RAD.	RADIUS
FR	FRIDGE	S.L.	STEEL LINTEL
FTG	FOOTING	SF	STEP FOOTING
FDN.	FOUNDATION	SIM	SIMILAR
HMD	HOLLOW METAL DOOR	SPF	SPRUCE PIN FIR
HMDI	HOLLOW METAL DOOR INSULATED	ST	STOVE
HMF	HOLLOW METAL FRAME	T.J.	TRIPLE JOIST
HMF1	HEAT RECOVERY VENTILATOR	TYP	TYPICAL
HWH	HOT WATER HEATER	U.N.O.	UNLESS NOTED OTHERWISE
		URS	UNDERSIDE

### DRAWINGS INDEX

SHEET NO.	NAME	DESCRIPTION
1	A1	COVER PAGE
2	A2	EXISTING PROPOSED BASEMENT FLOOR PLAN
3	A3	EXISTING FIRST FLOOR PLAN (NO WORK)
4	A4	EXISTING 2ND FLOOR PLAN (NO WORK)
5	A5	ENERGY NOTES
5	A6	ENERGY NOTES

#### APPLICANT

DARA KHADER  
M : 1 (917) 971 7088  
E: DARAKHADER@HOTMAIL.COM  
ADDRESS: 14732 MATTAWOMAN DR BRANDYWINE MD 20613

#### OWNER

SAJID ARAIN  
NAUSHEEN ARAIN

#### ADDRESS

11905 NORTHERN BELL WAY, CLARKSVILLE, MD 21029

#### NOTES

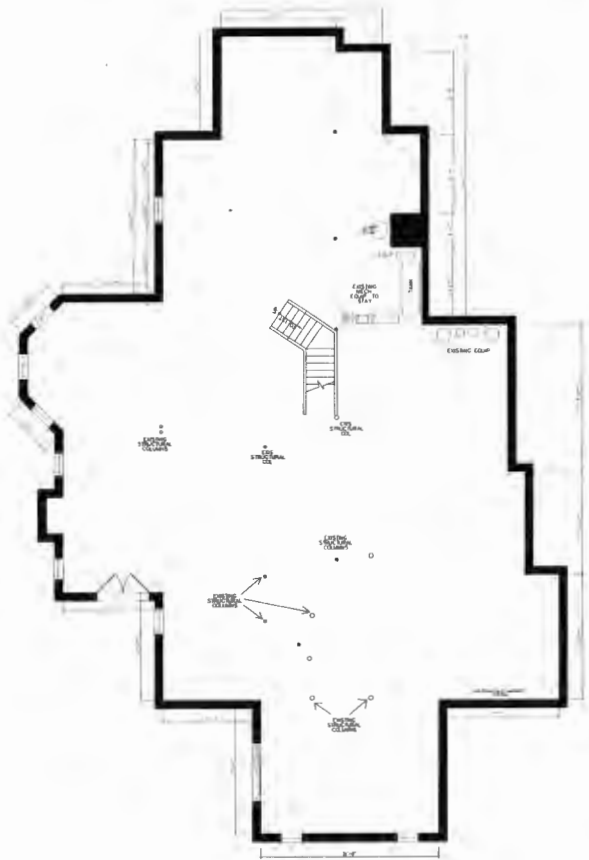
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SHEET NO. A1

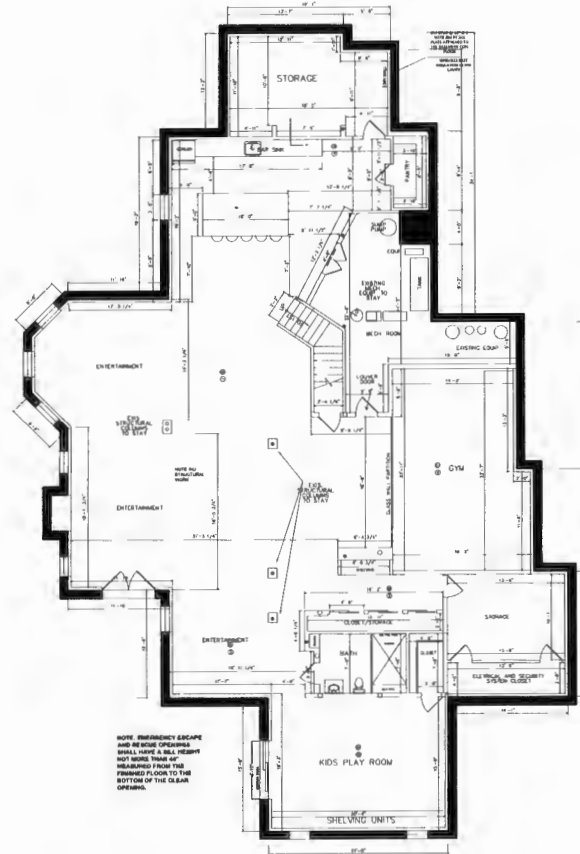
**COVER PAGE**

# Revised Floor Plans:

## Basement 08/01/24

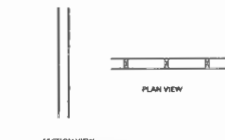


EXISTING BASEMENT FLOOR LAYOUT  
SCALE: 1/4" = 1'-0" 3917 SF



PROPOSED BASEMENT FLOOR LAYOUT  
SCALE: 1/4" = 1'-0" 3917 SF

NOTE: EMERGENCY ESCAPE AND EGRESS OPENINGS SHALL HAVE A MIN. HEIGHT OF 20" MEASURED FROM THE FINISHED FLOOR TO THE BOTTOM OF THE CLEAR OPENING.



SECTION VIEW  
2 X 4 INTERIOR WALL - W1  
SCALE: 1/2" = 1'-0"

W1 38 MM X 89MM WOOD STUDS SPACED 406 MM OR 610 MM O.C.  
WITH ABSORPTIVE MATERIAL  
1 LAYER OF GYPSUM BOARD ON EACH SIDE

**CONTRACTOR TO VERIFY MEASUREMENTS AT FIELD**

PREPARED BY  
**UDES**  
UNITED DESIGN AND ENGINEERING SERVICES

**APPLICANT**  
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11905 NORTHERN BELL WAY,  
CLARKSVILLE, MD  
21029

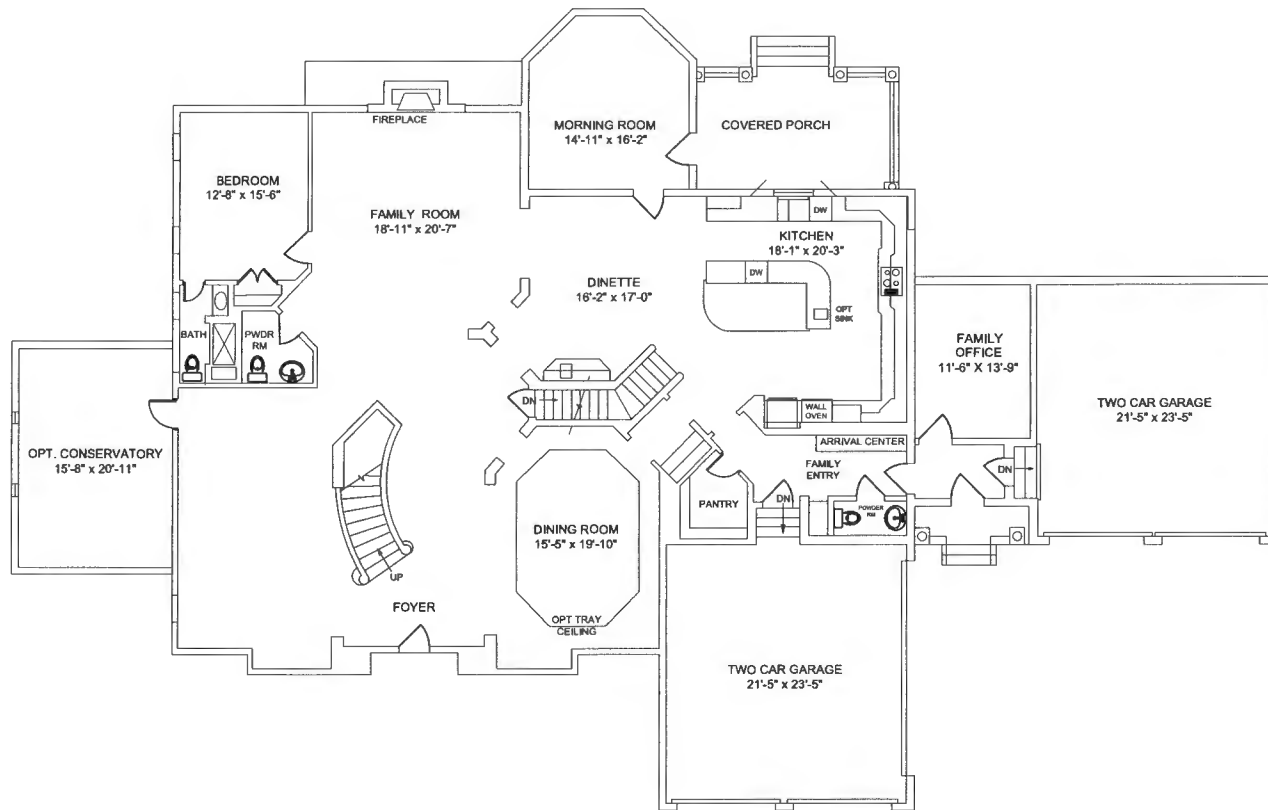
**NOTES**

**SHEET INFO**

SHEET NO. | A2

**EXISTING PROPOSED BASEMENT FLOOR PLAN**





EXISTING FIRST FLOOR LAYOUT NO WORK

SCALE: 1/4" = 1'-0"

PREPARED BY  
**UDES**  
 UNITED DESIGN AND ENGINEERING SERVICES

**APPLICANT**

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 ADDRESS: 14732 MATTAWOMAN  
 DR BRANDYWINE MD 20613

**OWNER**

SAJID ARAIN  
 NAUSHEEN ARAIN

**ADDRESS**

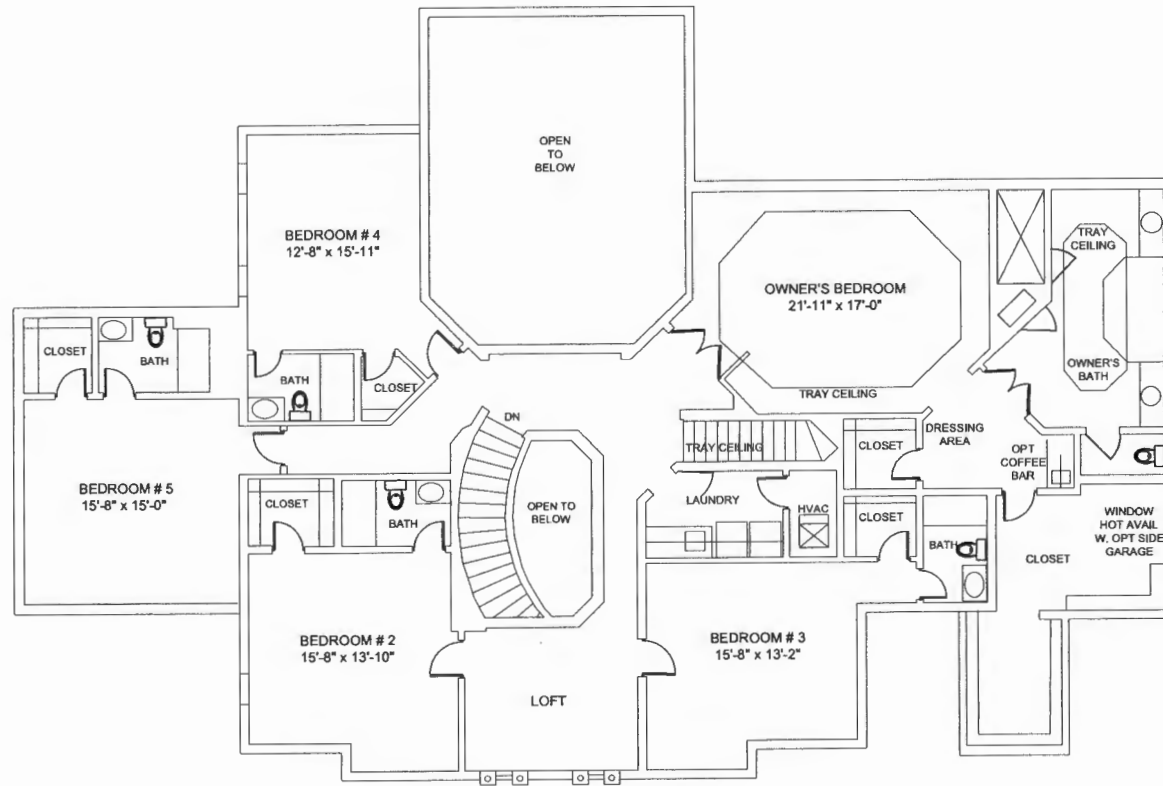
11905 NORTHERN  
 BELL WAY,  
 CLARKSVILLE, MD  
 21029

**NOTES**

**SHEET INFO**

SHEET NO. | A3

**EXISTING FIRST  
 FLOOR PLAN**



EXISTING 2ND FLOOR LAYOUT

NO WORK

SCALE: 1/4" = 1'-0"

**APPLICANT**

DARA KHADER  
 M : 1 (917) 971 7088  
 E: DARAKHADER@HOTMAIL.COM  
 ADDRESS: 14732 MATTAWOMAN  
 DR BRANDYWINE MD 20613

**OWNER**

SAJID ARAIN  
 NAUSHEEN ARAIN

**ADDRESS**

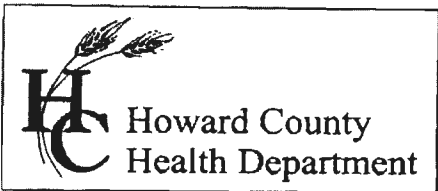
11905 NORTHERN  
 BELL WAY,  
 CLARKSVILLE, MD  
 21029

**NOTES**

**SHEET INFO**

SHEET NO. | A4

**EXISTING 2ND FLR  
 PLAN - NO WORK**



**Bureau of Environmental Health**  
 8930 Stanford Boulevard, Columbia, MD 21045  
 Main: 410-313-2640 | Fax: 410-313-2648  
 TDD 410-313-2323 | Toll Free 1-866-313-6300  
[www.hchealth.org](http://www.hchealth.org)  
 Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 11-10-15 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 557454

APPROVAL DATE: 1/20/16 **PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 11905 Northern Bell Way, Clarksville, MD 21029.

SUBDIVISION: Greenberry LOT: 15 TAX ID: 05-598678

CONTRACTOR: South Carrol EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:  MDE  MANUFACTURER:

PROPERTY OWNER: NRV, Inc. EMAIL: \_\_\_\_\_

OWNER ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

BAT UNIT MODEL: Hoot 600 BNR 11-1000 12/3/15 PUMP SIZE: 0.4 HP PUMP TANK CAPACITY: 2000 1500 gal 12/3/15

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 9/1/2015 DATE RECORDED: 9/1/2015

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>

LOCATION: **PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**

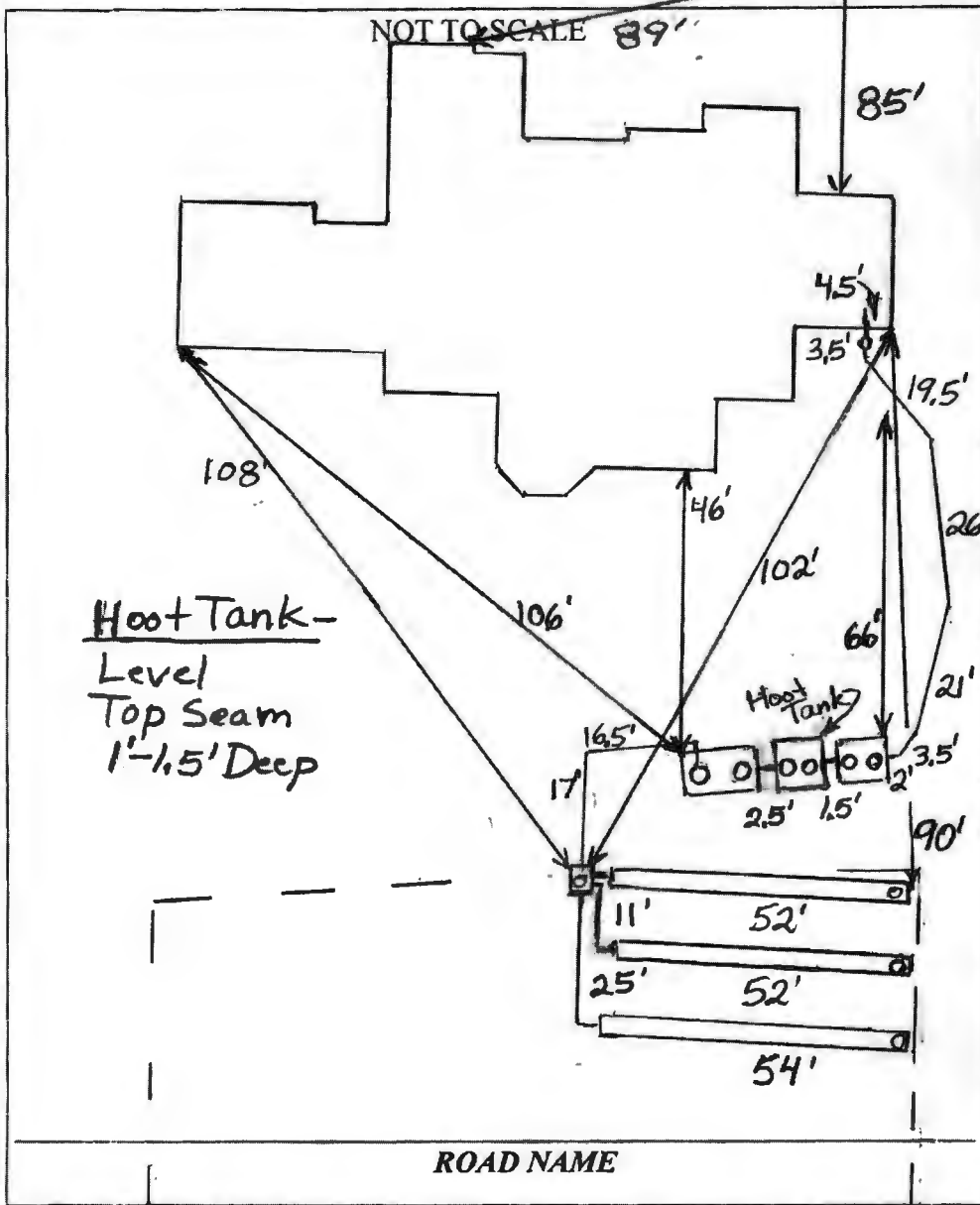
NOTES: 3 x 52' Trenches

ISSUED BY: Robert Bricker ISSUE DATE: 11/10/15 EXPIRATION DATE: 11/10/16

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
- ELECTRICAL PERMIT ISSUED E \_\_\_\_\_
- NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.  
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

HO-14-0161



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		158'
ABSORPTION AREA		474 + Sidewall
DISTRIBUTION BOX LEVEL		
DISTRIBUTION BOX BAFFLE		
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Mayer
CAPACITY	1000 GAL
SEAM LOC	Top
TANK LID DEPTH	0.5'-1'
BAFFLES	
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Dry
PUMP/SEPTIC TANK LEVEL	
Yes	
MANUFACTURER	Mayer Bros.
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-1.5'
BAFFLES	
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	Nov 2015

Hoot Tank -  
Level  
Top Seam  
1'-1.5' Deep

PRE-CONSTRUCTION: 12/9/2015 Three 52' trenches laid out on contour across the top western part of the septic easement. Put the dist. box near the top middle of the easement. Septic tank locations are staked. (BB)

INSTALLATION: 12/11/2015 First two tanks set. (BB) 12/17/2015 Pump chamber installed. (BB) 12/18/2015 (AM) Top two trenches done. (BB) 12/18/2015 (PM) Bottom trench finished. Need plumbing from tank to house and from tank to trenches. Need pump and alarm test and BAT approval. (BB)

1/6/16 House connection made. D-box installed and connected to pump tank and trenches. Need Hoot startup. (SC) 1/7/15 On site for Hoot startup. Pump pumps effluent to D-box. Recirculation line bent white backfilling - S. Carroll must for before startup. (SC)  
FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 1/20/16  
1/20/16 Hoot startup received. (SC)