



**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: 4/15/19 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 4/15/19

APPROVAL DATE: 06/13/2019 **PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 13865 Mill Creek Court

SUBDIVISION: Crawford Subdivision LOT: 17 TAX ID: \_\_\_\_\_

CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.com

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: ESC MILL CREEK INC EMAIL: \_\_\_\_\_

OWNER ADDRESS: 1355 BEVERLY RD, SUITE 240, MCLEAN, VA 22101 PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Mayer Brothers or Equivalent

PUMP MODEL: Goulds WE 0511 H PUMP SIZE 1/2 PUMP TANK CAPACITY: 1500

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>313</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>8</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Plan Calls for 12 x 26' trenches	

ISSUED BY: Jeff Williams ISSUE DATE: 4/15/19 EXPIRATION DATE: 4/15/20

- 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 TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT 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 19001357
- 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.**

NOT TO SCALE

See attached sheet for as-built drawing

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 4' 8'

NUMBER OF TRENCHES 12

TOTAL LENGTH 312.5'

ABSORPTION AREA 312.5' + sidewall

DISTRIBUTION BOX LEVEL YES

DISTRIBUTION BOX BAFFLE NO

DISTRIBUTION BOX PORT YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL YES

MANUFACTURER BABYLON

CAPACITY 2000 GAL

SEAM LOC TOP

TANK LID DEPTH 1.5-3'

BAFFLES

BAFFLE FILTER NO

MANHOLE LOC FRONT + REAR

6" PORT LOC NONE

WATERTIGHT TEST NO

SLOTTED YES

DATE ON LID 3-15-19

PUMP/SEPTIC TANK LEVEL YES

MANUFACTURER BABYLON

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH 2-3'

BAFFLES NO

BAFFLE FILTER NO

MANHOLE LOC REAR

6" PORT LOC NONE

WATERTIGHT TEST NO

SLOTTED NO

DATE ON LID 3-5-19

Pump: Gould's 1/2 hp

PRE-CONSTRUCTION:

4/22/19 Met S. Carroll on site for layout. Tank + SDA corner stakes present. Trenches also staked. Shot elevations and line from house will make fall to tanks w/ 23' cover. Trench starts + ends close in elevations. OK to run pipe from D-box to lower trenches along SDA edge vs. through yard. (C)

INSTALLATION: 4/23/19 Pump tank set. 14-hole D-box and T1 installed - 3' wide, 3.5' to stone. (C)

4/24/19 Septic tank set. T2 installed - left open for inspection - 3' wide + 3.5' to stone. (C)

4/25/19 T3-T4 complete, T3 left open at ends for inspection and T4 left open. 3' wide, 3.5-4' to stone. (C)

4/29/19 - site inspection contractor onsite T5, T6, T7, T8 trenches complete, stone looks good, All trenches 26', 3" wide, 4ft Inlet, 8 ft depth. ok to continue. (C) 4/30/19 - site insp. Contractor onsite T9, T10, T11, T12 complete, same specs as T5-T8. (C) 5/1 - pump line & SHC installed, dbox not level, leveler on T6 taking on excess water, leveler adjustment needed. (C)

5/2/19 - leveler adjustment made w/ onsite equipment, Contractor showed levelers w/ dbox water test, pump alarm still required. 5/3/2019 SEP Pump OKS 10/20, HOOT ON 17/18, REINSP - NO ELECTRIC TO TANK. (C)

FINAL INSPECTOR

DATE OF APPROVAL 06/13/2019

6/13/2019 ALARM FUNCTIONS Pump FUNCTIONS (C)

W HO-17-0114

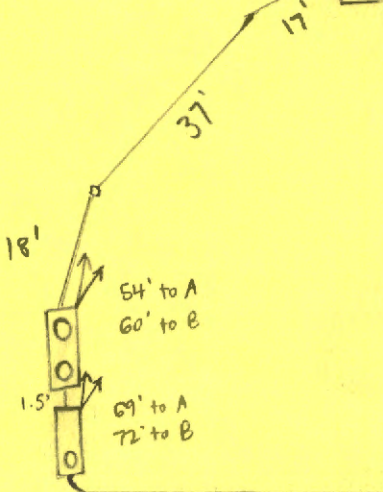
69'  
22'  
72'

Driveway

13865 Mill Creek Ct.

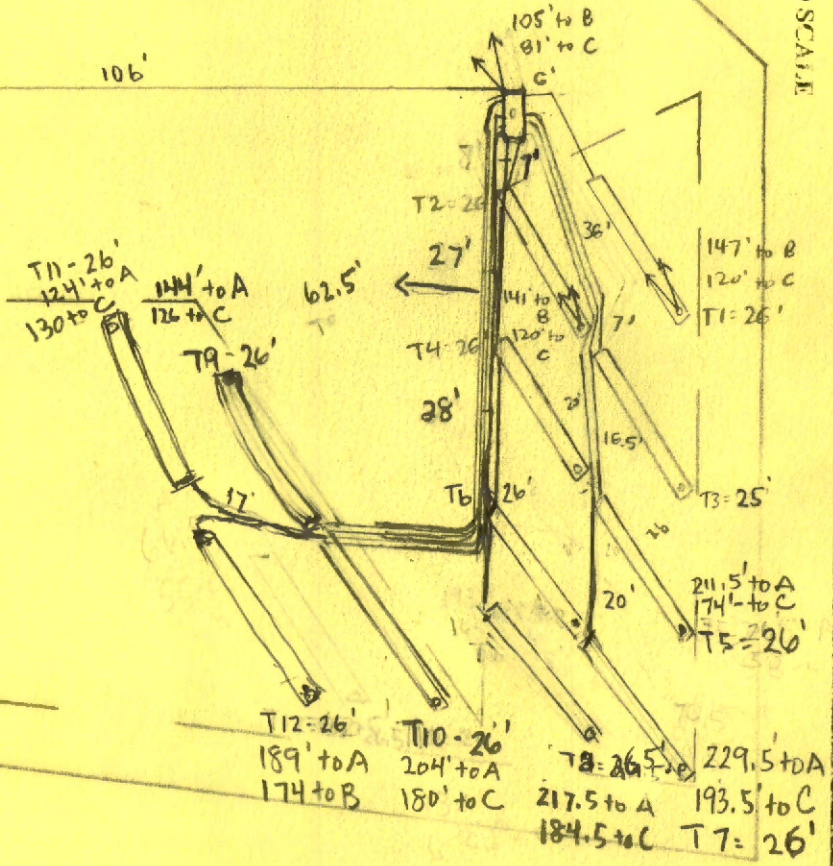
1" ≈ 30'

A B 4' C



106'

NOT TO SCALE





**MILL CREEK COURT**  
(PUBLIC ACCESS STREET)

15" D/W CULVERT, 20 L.F.  
(per Ho.Co. Det. R-6.06)  
INV IN= 426.25±  
INV OUT=425.55±

EX. SIP  
Per F-Plan

EX. SIP  
Per F-Plan

THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY G.L.W. (PROFESSIONAL LAND SURVEYORS) AND IS ACCURATELY SHOWN ON THIS PLAN.

PUBLIC STORMWATER DRAINAGE & UTILITY EASEMENT  
(PN 24600-24607)

NON-BUILDABLE PRESERVATION PARCEL C

LOT 18  
(to be built by NVR)

LOT 17  
58,120 SF

PRIVATE SEWAGE DISPOSAL AREA

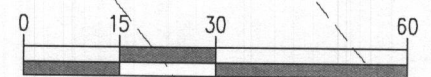
TEMPORARY STOCKPILE AREA

NEARING'S SUBDIVISION  
LOT 3  
PLAT NO. 21208  
MARTHA COLLINS MANN AND  
EDWARD FRANCIS ORLANDO  
LIBER 11810 FOLIO 69  
ZONE: RR-DEO

**DRYWELL (M-5) SIZE CHART**

DRYWELL No.	LENGTH x WIDTH	DEPTH OF STONE
1	6'x6'	5'
2	6'x6'	5'
3	7'x7'	5'
4	6'x6'	5'
5	5.33'x12'	5'

FOR CONSTRUCTION DETAILS OF DRYWELL(S) SEE F-17-016, SHEET 33.



GRAPHIC SCALE

NOTE: THE FRONT DOOR FOR LOT 17 FACES WEST.

**BUILDING PERMIT PLOT PLAN**



DES.  
DRN.  
CHK.

PREPARED FOR :  
NVR INC.  
9720 PATUXENTS WOODS DRIVE  
COLUMBIA, MD 21045  
PH: 410-379-5956

CRAWFORD SUBDIVISION  
LOT 17 (13865 MILL CREEK CT.)  
Plat No. 24600-24607

G. L. W. No.	17071
ZONING	RR-DEO
TAX MAP/GRID	34&39-19&6
DATE	JAN. 2019
SCALE	1"=30'
SHEET	1 OF 1

13865 Mill Creek Court

LOT 17

# STRATFORD HALL

Health Dept



NVR, Inc.  
Architectural Services  
Architects  
5285 Westview Drive, Suite 100  
Frederick, MD 21703

FULL BASEMENT		STANDARD DETAILS
DESCRIPTION	STP. DWGS.	
OPTIONS	OP-1	AD-1
SPEC SHEET	95-1	AD-1b
ELEVATIONS	4	DR-1
FOUNDATIONS	14	DR-2
FOUNDATION HOLD DOWNS	22, 23, 24, 25	DR-3
PLUMBING	26	DW-2
BASEMENT FLOOR PLAN	27	ET-1
FIRST FLOOR PLAN	29	ET-1b
SECOND FLOOR PLAN	32.1	ET-1c
BUILDING SECTIONS	34, 36	ET-1e
STAIR SECTIONS	38	ET-1f
KITCHEN - BATHS	41, 42, 43, 44	ET-2
BASEMENT ELECTRICAL	45	ET-2b
FIRST FLOOR ELECTRICAL	47	F-1
SECOND FLOOR ELECTRICAL	50	FA-1
FIRST FLOOR FRAMING	52	FC-1
SECOND FLOOR FRAMING	54	FC-2
ROOF FRAMING	55, 56	FC-4
TRUSS BRACING	61	FD-1
WALL BRACING LAYOUT	63	FD-2
HVAC LAYOUT	67	FD-2b
HVAC LAYOUT	68	FD-3
HVAC LAYOUT	69	FP-1
HVAC LAYOUT	70	GB-1
HVAC LAYOUT	71	IT-1
HVAC LAYOUT	72	IT-1b
HVAC LAYOUT	73	IT-1c
HVAC LAYOUT	74	IT-2
		JT-1
		JT-3
		JT-3b
		KT-1
		RF-1
		RF-1b
		SEP-1
		SEP-2
		SEP-3
		SEP-4
		SP-1
		SP-2
		SP-3
		ST-1
		ST-2
		MB-1
		MB-2
		MD-1
		MD-2
		MD-3
		MB-1

FIRST FLOOR SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR (BASE SF)	2157 SF
1ST FLOOR TWO CAR SIDE ATTACHED GARAGE (ADD. SF)	111 SF
	2268 SF

SECOND FLOOR SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
2ND FLOOR (BASE SF)	2193 SF
	2193 SF

GARAGE SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
TWO CAR GARAGE ELEV. 'A' OR 'K' OR 'R'	507 SF
TWO CAR SIDE ATTACHED GARAGE (ADD. SF)	448 SF
	1005 SF

BASEMENT SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.

UNFINISHED SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
UNFINISHED BASEMENT (BASE SF)	2161 SF
UNFINISHED STORAGE TWO CAR SIDE ATTACHED GARAGE (ADD. SF)	111 SF
	2242 SF

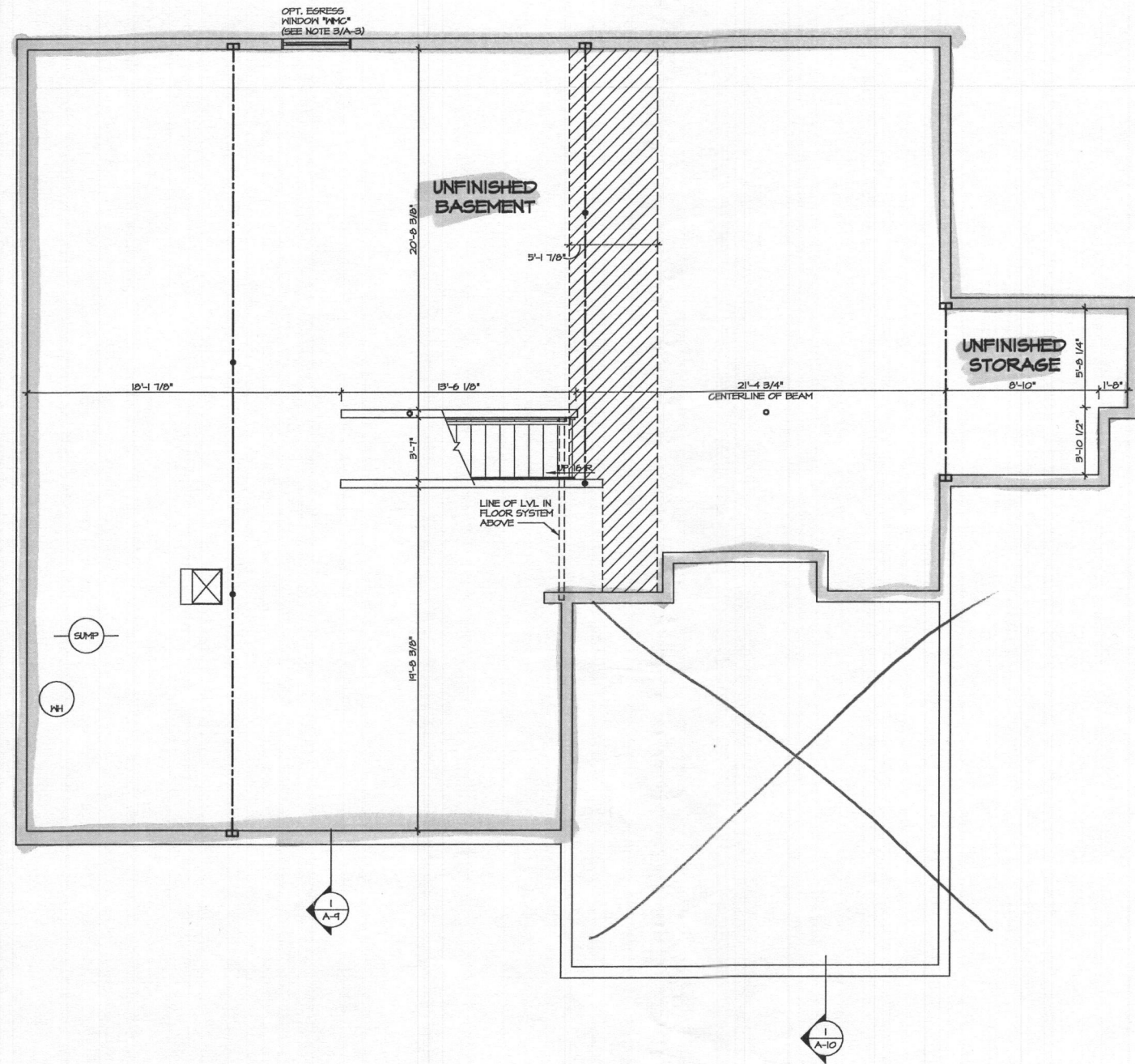
TOTAL FINISHED SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR (BASE SF)	2157 SF
1ST FLOOR TWO CAR SIDE ATTACHED GARAGE (ADD. SF)	111 SF
2ND FLOOR (BASE SF)	2193 SF
	4401 SF

SET - VERSION  
11900 - 01

CS-1

C:\NVR\Soiver\STRATFORD HALL\_11900\_01\WDE-NC-0017\086484\Sheets\Lot Specific\CS-1 COVER SHEET.dwg 01/21/19 - 8:04 am



**1**  
A-6 **BASEMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**FLOOR PLAN NOTES**

1. ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
6. SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
8. ALL WINDOWS HAVE T-O 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
9. ALL CASED OPENINGS AT T-11, UNLESS OTHERWISE NOTED.

**GYPHUM NOTES**

**AT GARAGE:**  
5/8" DRYWALL ON COMMON WALLS, CEILING, AND BEARING WALLS AS REQUIRED.

**AT STAIRS:**  
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET.

**WITH OPTION "SC1" - DRYWALL UNFINISHED BASEMENT CEILING AREA**

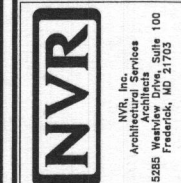
- NOTES:**
- 1/2" GYPSUM WALL BOARD REQUIRED ON CEILING IN UNFINISHED AREAS WHEN NO SPRINKLER SYSTEM IS INSTALLED.
  - A MAXIMUM AREA OF 80 SQ FT MAY BE OMITTED AS NEEDED FOR INSTALLATION OF PLUMBING, ELECTRICAL, AND/OR HVAC (TYPICALLY AN 8'-0"x8'-0" CEILING SPACE ABOVE MECHANICAL AREA).
  - PROVIDE FIRE BLOCKING AS REQUIRED AT PERIMETER OF ANY AREAS WHERE DRYWALL HAS BEEN OMITTED.

**LEGEND**

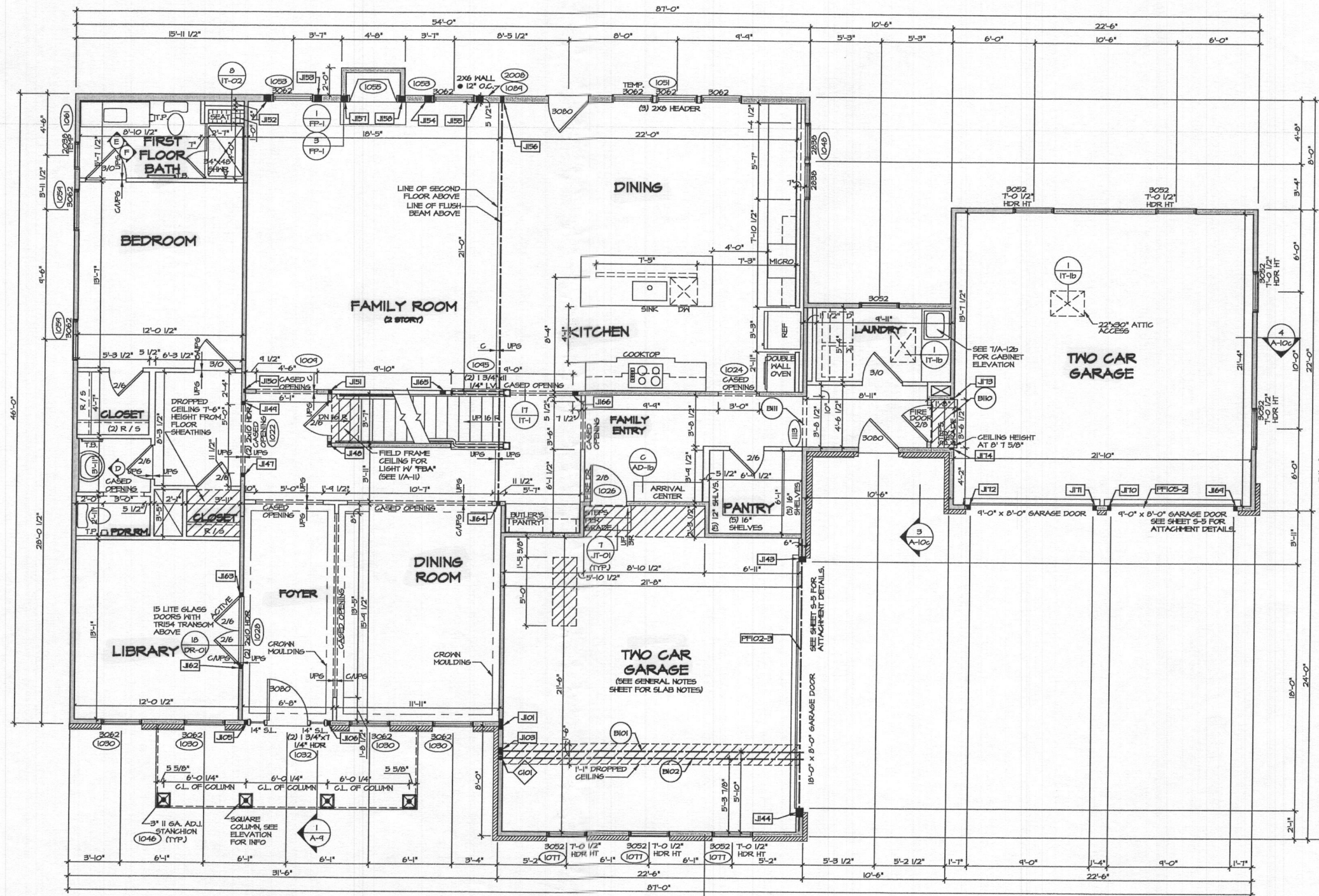
- BEARING WALL
  - NON BEARING WALL
  - ⊙ INDICATES BEARING FROM POINT-LOAD ABOVE
  - J JACKS
  - B BEAM/HEADER
  - F PAD FOOTING
  - C STEEL COLUMN
  - X PORTAL FRAME
  - X JOIST/TRUSS
  - L LVL
  - X ENGINEERING PAGE NUMBER
- SEE FG DETAILS FOR FRAMING CONNECTORS

REV. NO.	DATE	REMARKS
	07/24/11	TM - STANDARD DETAILS 9.0

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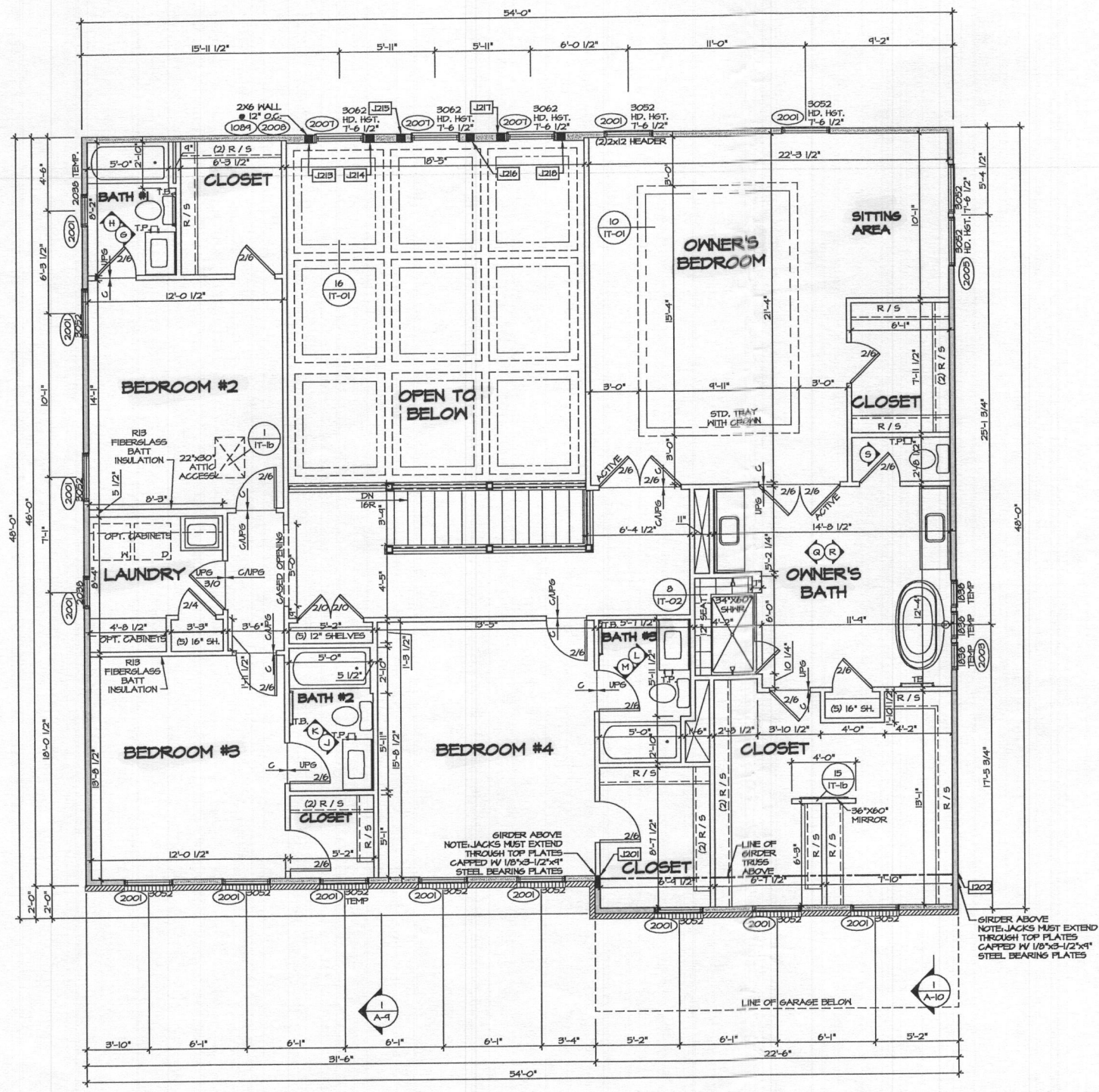
SHEET NO. <b>A-6</b>	MODEL <b>STRATFORD HALL</b>	SET NO. 11900
	DRAWING TITLE <b>BASEMENT FLOOR PLAN</b>	VERSION 01
OPTION <b>27</b>	DRAWN BY <b>BIM</b>	DATE:
	OPTION DESCRIPTION	OPTION



1  
A-7 **FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

FOR NOTES AND SCHEDULES SEE PAGE A-7b

SHEET NO. <b>A-7</b>	MODEL <b>STRATFORD HALL</b>	SET NO. 11900	REV. NO. 1	DATE 1/24/11	REMARKS
	DRAWING TITLE <b>FIRST FLOOR PLAN</b>	VERSION 01	1/24/11 TH - STANDARD DETAILS 9.0		
OPTION DESCRIPTION	DRAWN BY ZDM	DATE 9/16/16	NVR, Inc. hereby represents to all persons that NVR, Inc. and its employees, agents, and other property rights in these plans, these plans are not to be reproduced, changed, or copied in any form or manner whatsoever, without the written consent of NVR, Inc.		
OPTION	DATE 9/16/16	NVR Architectural Services 5265 Washburn Drive, Suite 100 Frederick, MD 21705			
29	CANVA/SOLVES/STRATFORD_HALL_11900_01A.WIDE-MC-0017A.108664A.SHEET/01_SpecSheet.29_A-7_PRT.IS PER PLAN.dwg 01/24/19 - 6:04 AM				



**1 SECOND FLOOR PLAN**  
 A-8 SCALE: 1/4" = 1'-0"

- FLOOR PLAN NOTES**
1. ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
  2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
  3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
  4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
  5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
  6. SEE STANDARD DETAIL CATEGORY "IT" SHEETS(S) FOR INTERIOR TRIM DETAILS.
  7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TAB.
  8. ALL WINDOWS HAVE T-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
  9. ALL CASED OPENINGS AT T-11", UNLESS OTHERWISE NOTED.

- LEGEND**
- BEARING WALL
  - NON BEARING WALL
  - INDICATES BEARING FROM POINT-LOAD ABOVE
  - JACKS
  - BEAM/HEADER
  - PAD FOOTING
  - STEEL COLUMN
  - PORTAL FRAME
  - JOIST/TRUSS
  - LVL
  - ENGINEERING PAGE NUMBER
- SEE FC DETAILS FOR FRAMING CONNECTORS

**SECOND FLOOR JACK SCHEDULE**

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. N.M.	REMARKS
J201	JACK - (6) 2X4 SPM		2005	
J202	JACK - (6) 2X4 SPM		2005	
J213	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J214	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J215	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J216	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J217	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J218	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS

REMARKS

REV. NO. DATE 01/24/11 TH - STANDARD DETAILS B.O

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**NVR**  
 Architectural Services  
 5285 Washburn Drive, Suite 100  
 Frederick, MD 21705

SET NO. 11400  
 VERSION 01  
 DRAWN BY BJM  
 DATE:  
 OPTION

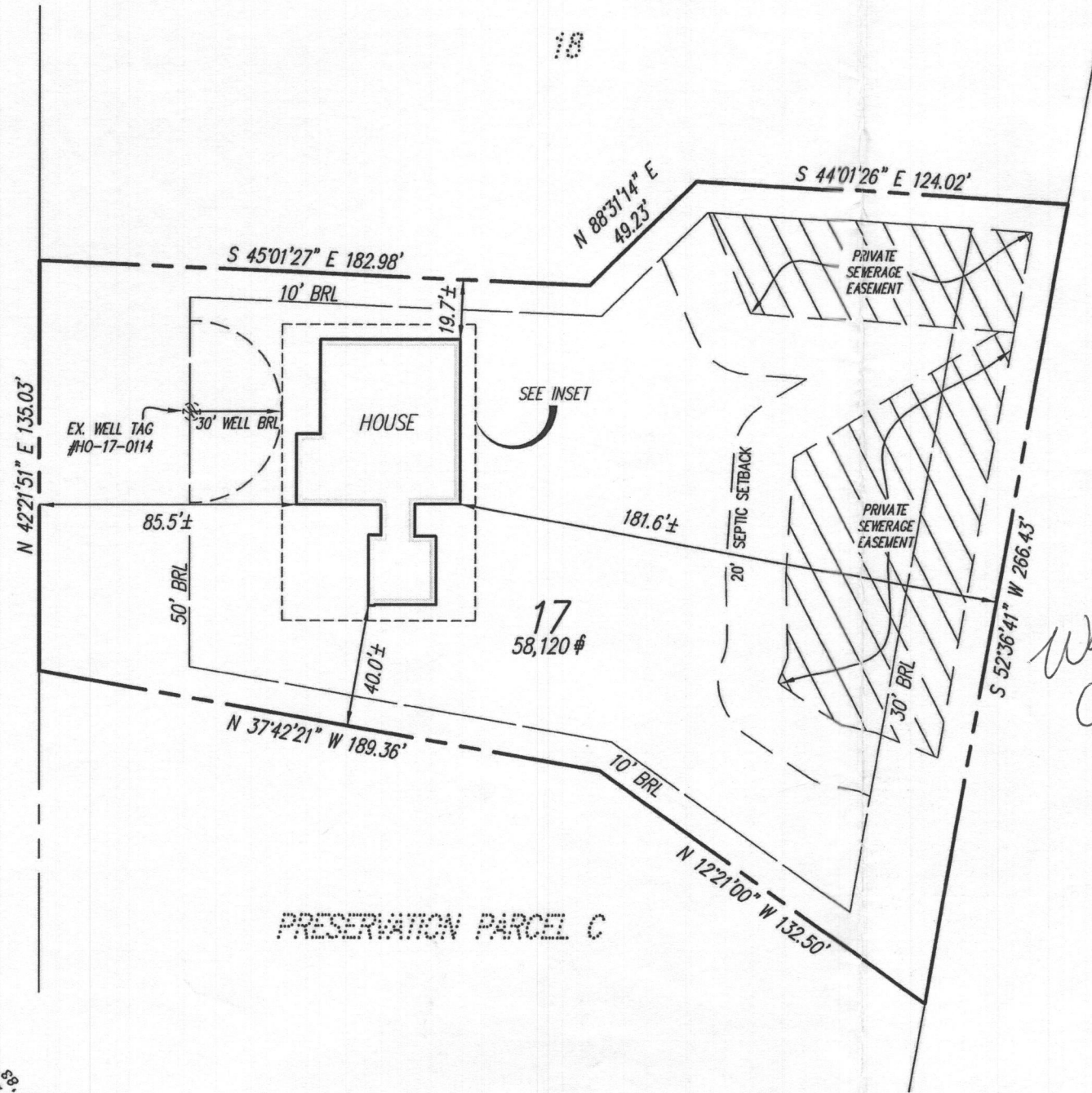
USER: STRATFORD HALL  
 DRAWING TITLE: SECOND FLOOR PLAN  
 OPTION DESCRIPTION

SHEET NO. A-8  
 32.1

CA:\NVA\Solves\STRATFORD\_HALL\_11800\_01.MXD-MC-0017A.108648A\_Sheets\01\_Spec\01A.32.1\_A-8\_P1N2\_LS.dwg 07/21/19 - 6:05 am

S:\Survey Drawings\WALLCHECK\MILL CREEK-1707\WCK-17.dwg, 3/28/2019 1:53:13 PM, morgamb, 5501\_SURVEY (COLOR).pc3, 1:1

MILL CREEK COURT  
(PUBLIC ACCESS STREET)



PRESERVATION PARCEL C

Wall  
check  
OK  
DB  
4-15-19

**SURVEYOR'S CERTIFICATE**

THIS IS TO CERTIFY TO:  
'NVR, INC.;

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF,  
THE POSITION OF THIS BUILDING FOUNDATION  
HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

*[Signature]* 3/28/2019  
For Gutschick, Little and Weber, P.A. :  
Thomas C. O'Connor, Jr.,  
Professional Land Surveyor, No. 10954 (EXP. DATE: 07/03/2020)

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

**NOTES:**

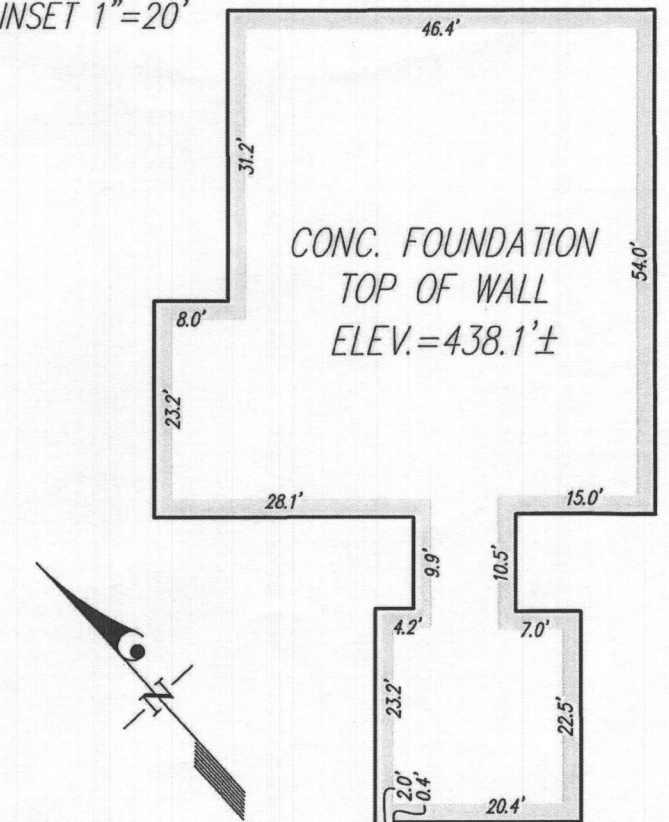
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED. THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NUMBER 24027C01400, EFFECTIVE DATE NOVEMBER 6, 2013.

BUILDING SETBACKS (B.R.L.'S) SHOWN HEREON PER PLOT PLAN.

SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF ± 0.1' FOOT.

INSET 1"=20'



WALLCHECK  
(SPECIAL PURPOSE SURVEY)

CRAWFORD SUBDIVISION

LOT 17  
13865 MILL CREEK COURT

HOWARD COUNTY, MARYLAND

DATE OF LATEST FIELD WORK: 3/27/2018

G.L.W. FILE No. 17071

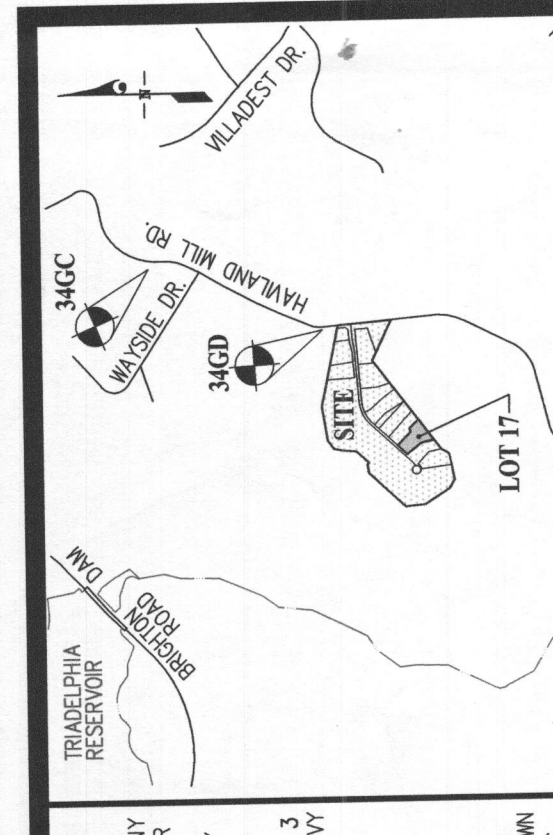
REFERENCE : PLAT No.: 24602

SCALE: 1"=50'



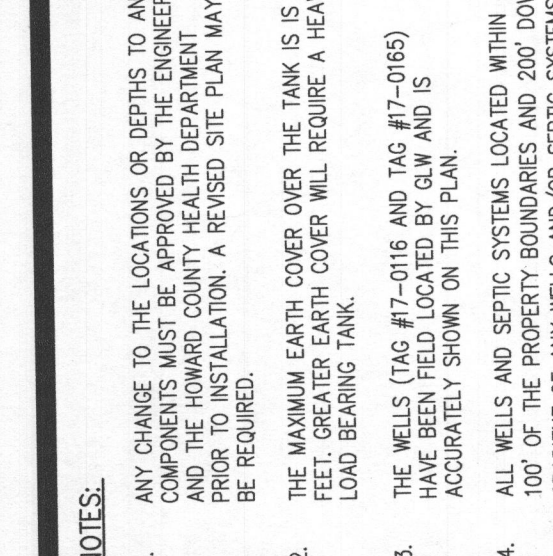
DES.  
DRN. MAB  
CHK.

PREPARED FOR:  
NVR, INC.  
9720 PATUXENT  
WOODS DRIVE  
COLUMBIA, MD 21046



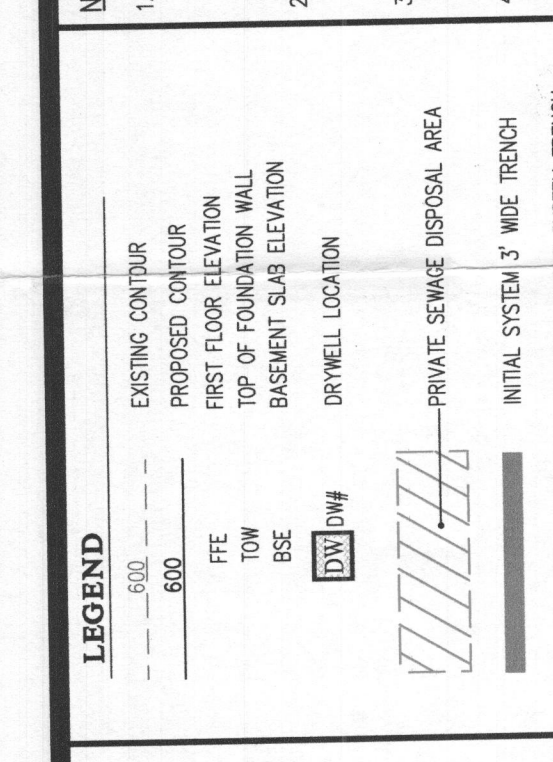
NOTES:  
 1. ANY CHANGE TO THE LOCATIONS OR DEPTHS OF ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. A REVISION TO THIS PLAN MAY BE REQUIRED.  
 2. THE MAXIMUM EARTH COVER OVER THE TANK IS 6.3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.  
 3. THE WELLS TAG #17-016 AND TAG #17-016S HAVE BEEN LOCATED BY G.M.W. AND IS ACCURATELY SHOWN ON THIS PLAN.  
 4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.

BENCHMARKS  
 34CC ELEV. 455.82360 E = 1,314,246.688  
 34CD ELEV. 465.298 N = 533,333.762 E = 1,313,736.594



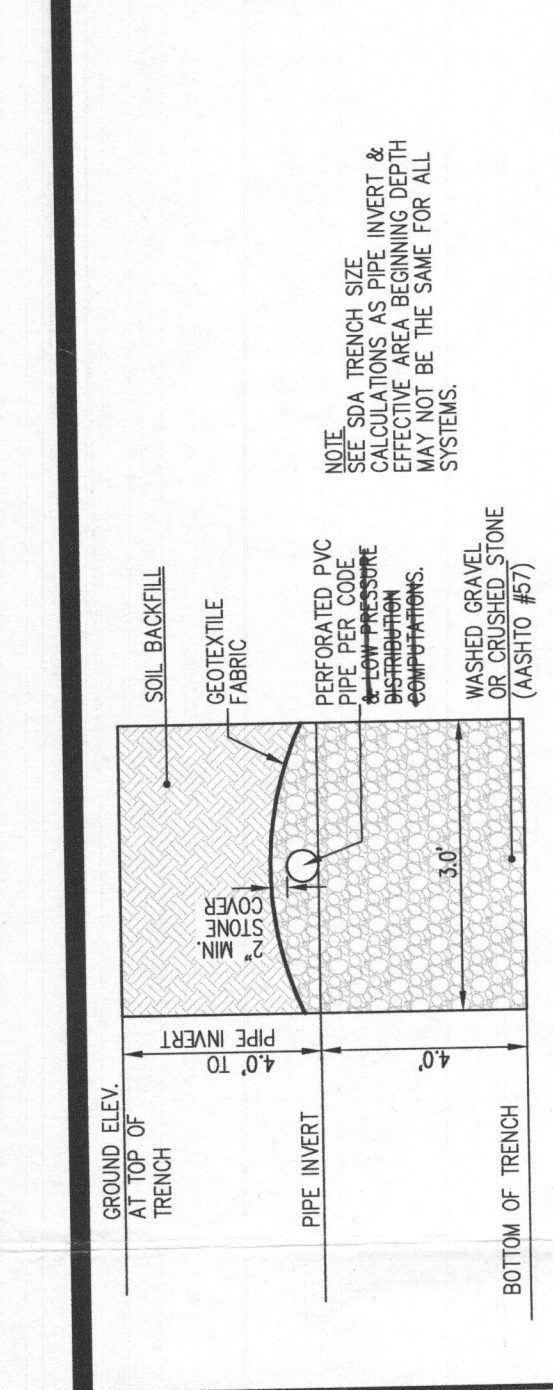
LEGEND  
 EXISTING CONTOUR  
 PROPOSED CONTOUR  
 TOP OF FOUNDATION WALL  
 BASEMENT SLAB ELEVATION  
 DRYWELL LOCATION  
 PRIVATE SEWAGE DISPOSAL AREA  
 INITIAL SYSTEM 'J' W/SE TRENCH  
 14" REPLACEMENT SYSTEM TRENCH  
 24" REPLACEMENT SYSTEM TRENCH  
 PERCOLATION TEST HOLES (PASSED)  
 PERCOLATION TEST HOLES (FAILED)  
 EXISTING WELL LOCATION

SEPTIC TRENCH DETAIL  
 NO SCALE



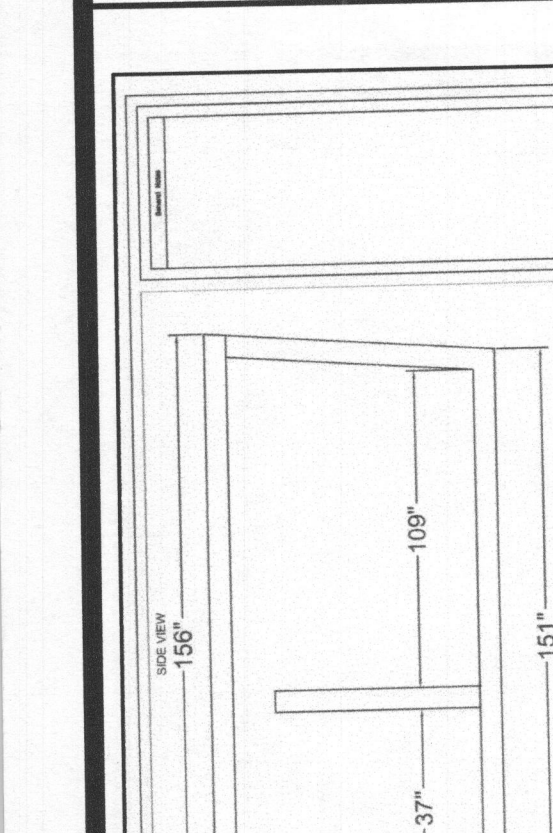
SEPTIC TRENCH DETAIL  
 NO SCALE

System Input Information	Initial	Replacements	Regeneration
Number of Bedrooms	5	5	5
Design flow at 150 gal./day/room	750	750	750
Number of Trenches	5	5	5
Number of Chambers	5	5	5
Number of Inverts	5	5	5
Number of Trenches	5	5	5
Number of Chambers	5	5	5
Number of Inverts	5	5	5



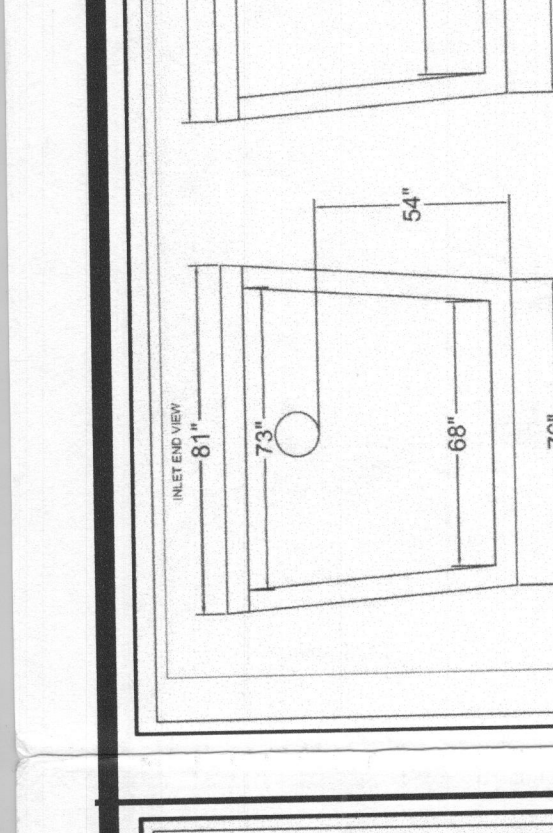
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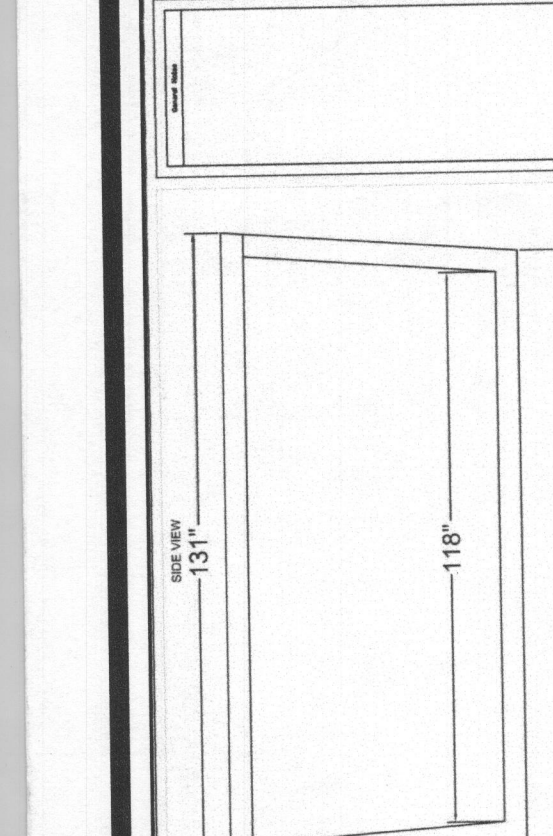
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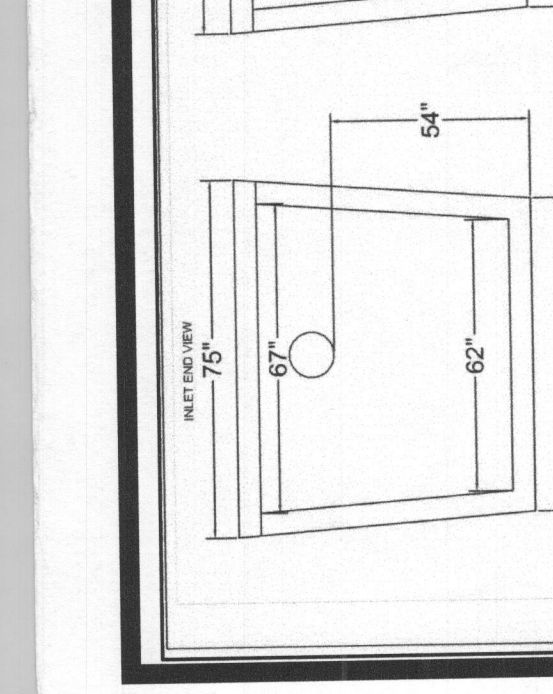
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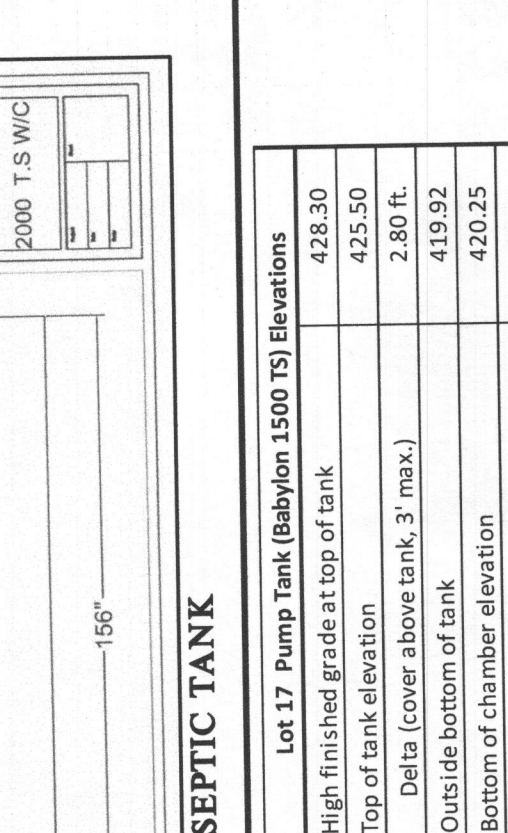
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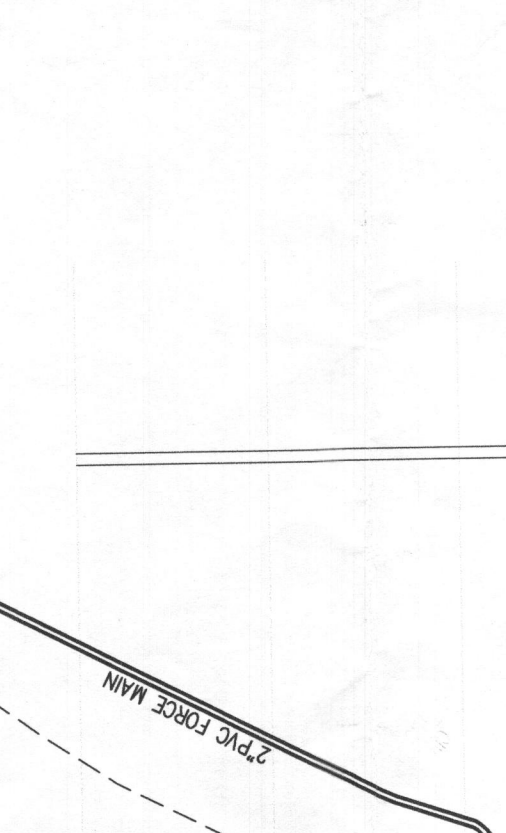


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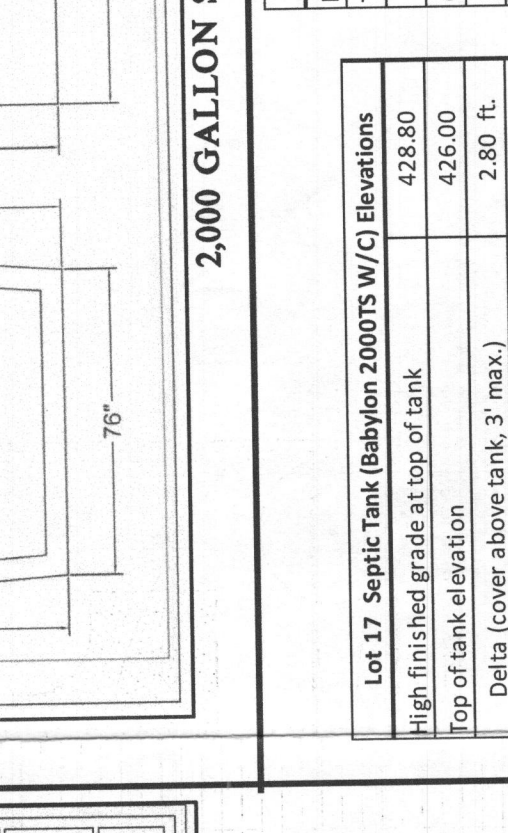
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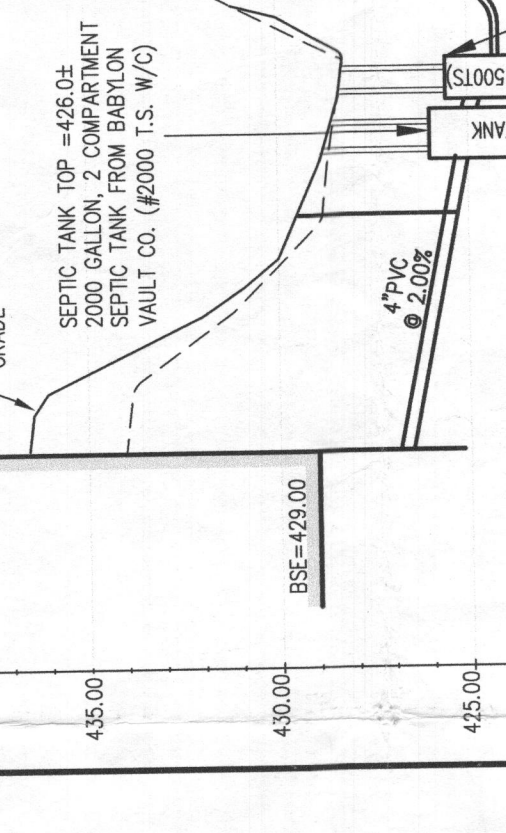
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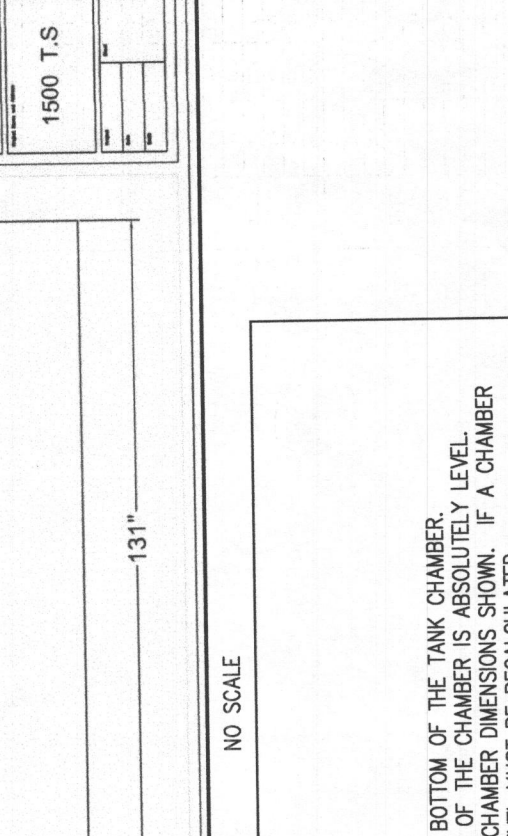
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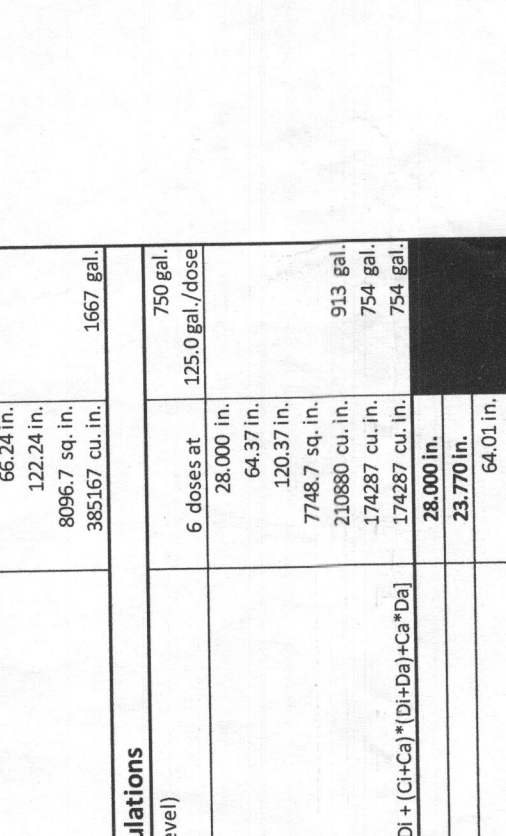
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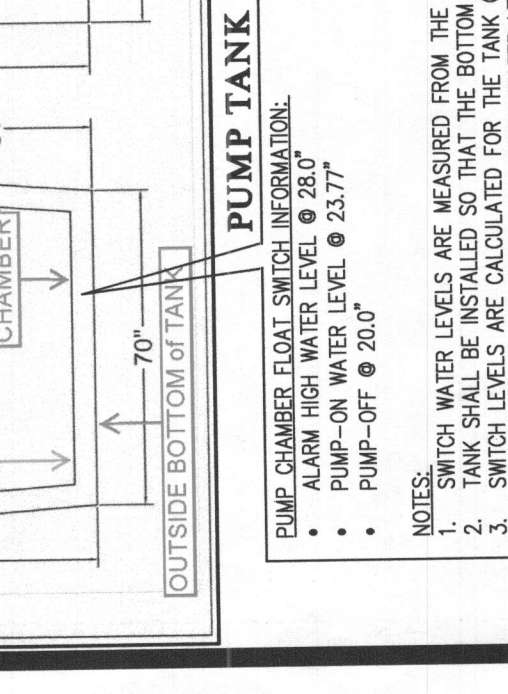
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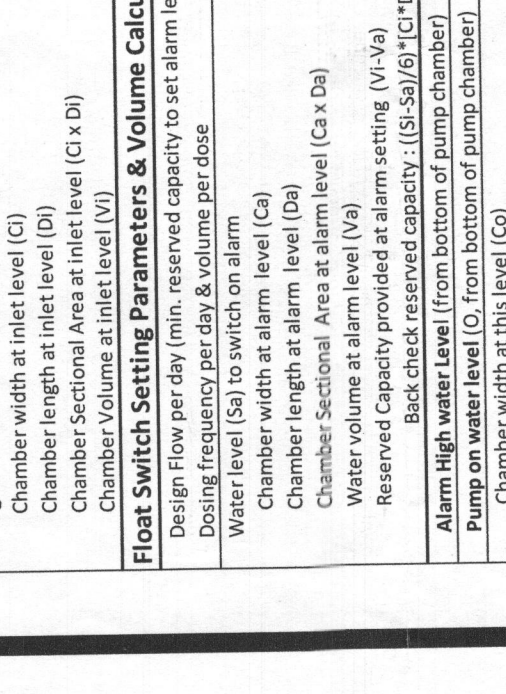
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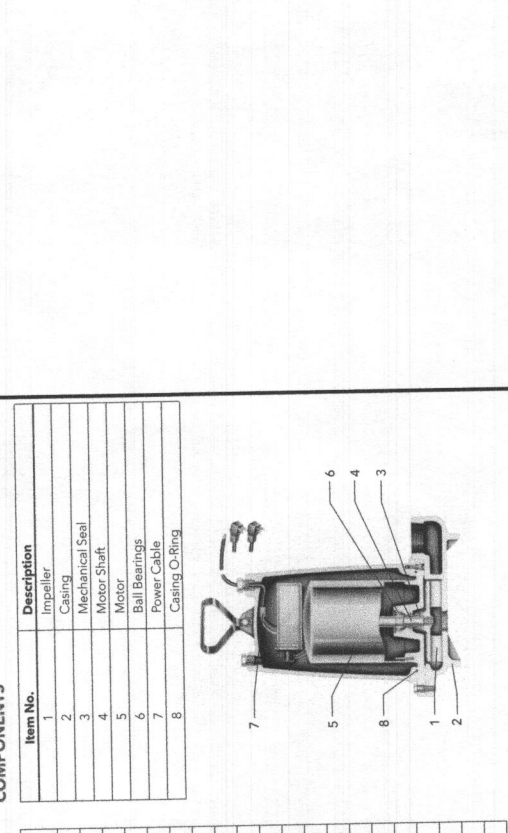
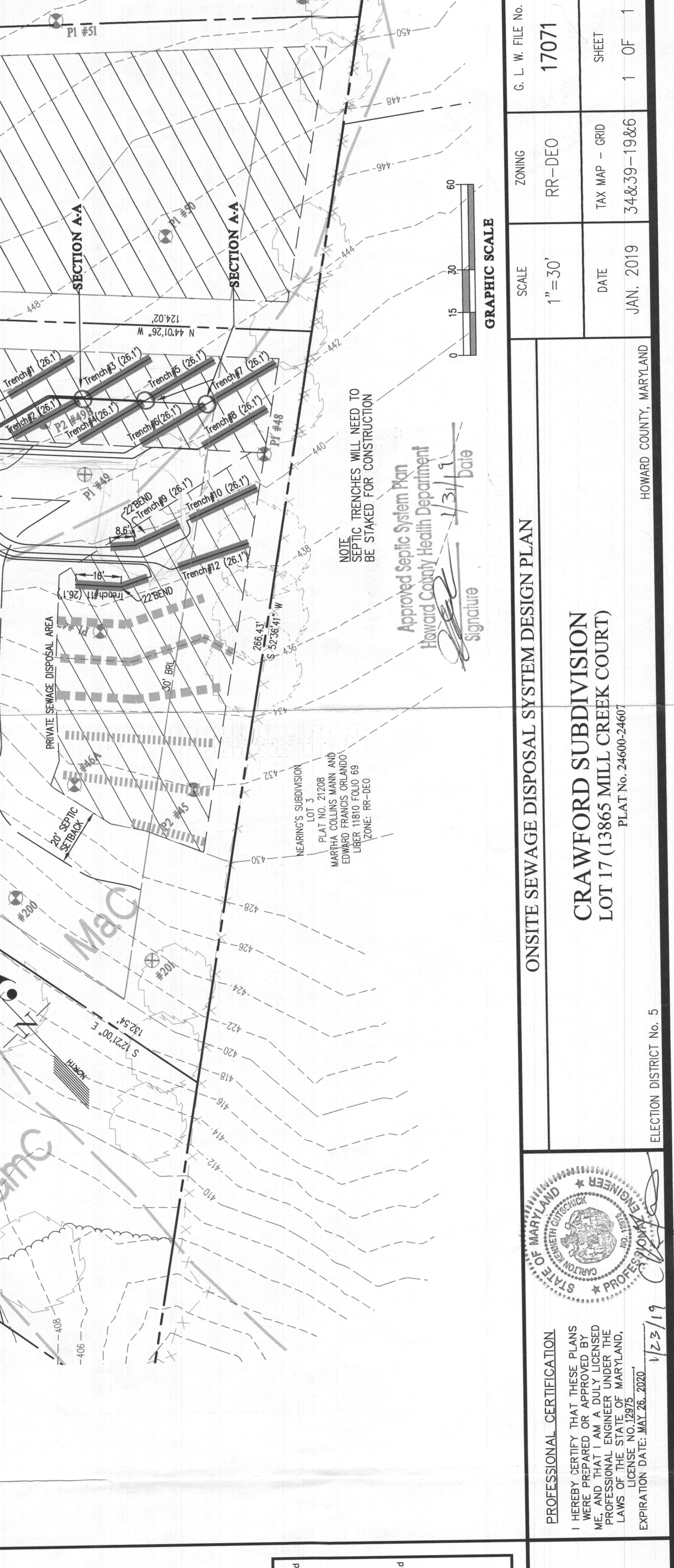
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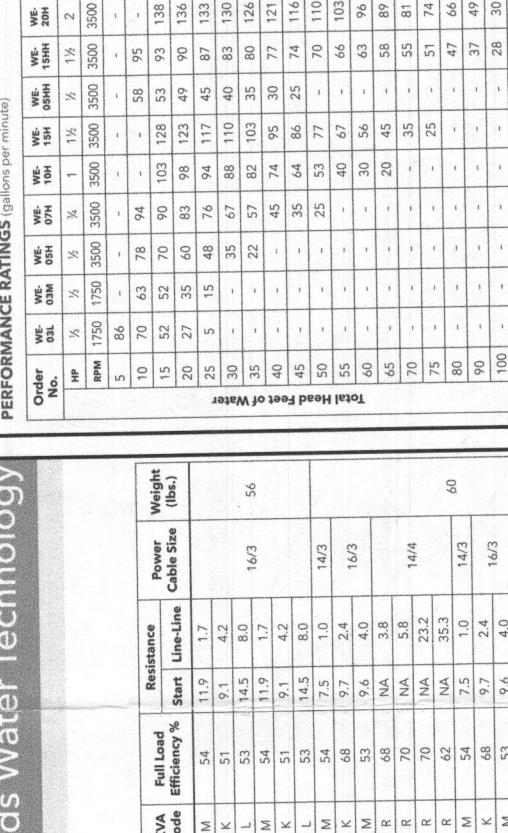
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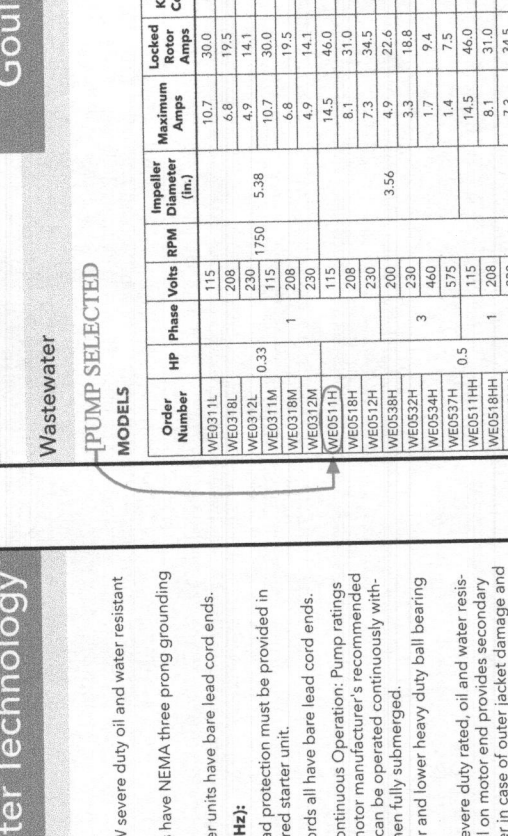
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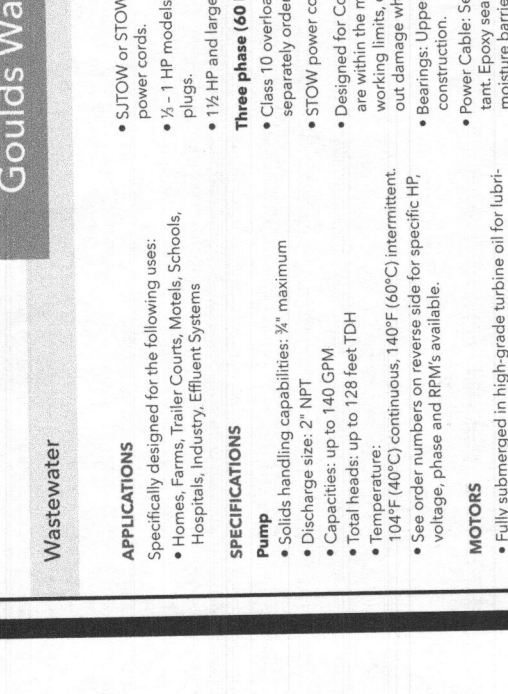
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