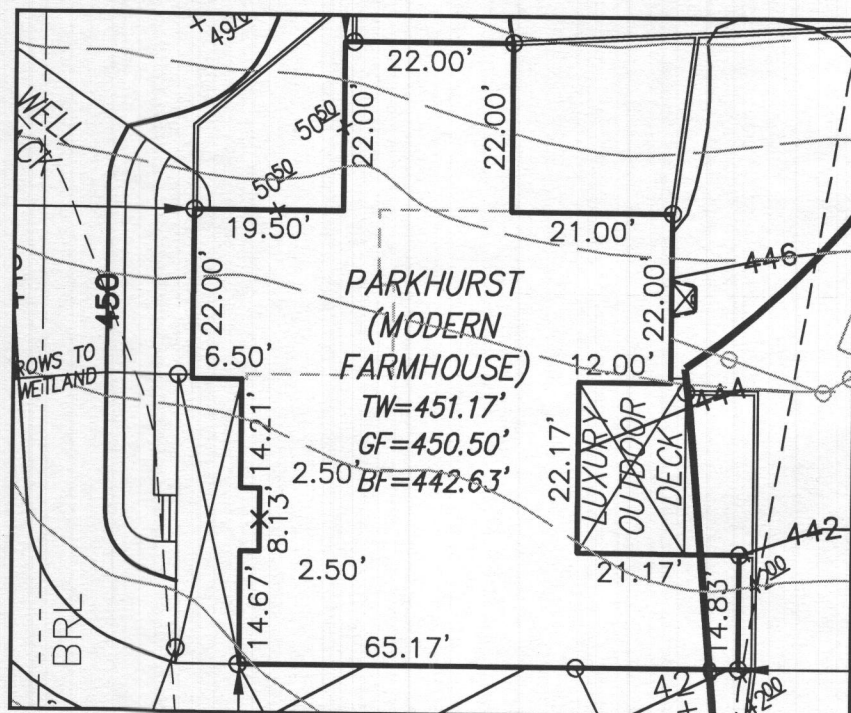


PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/23.

LEGEND:

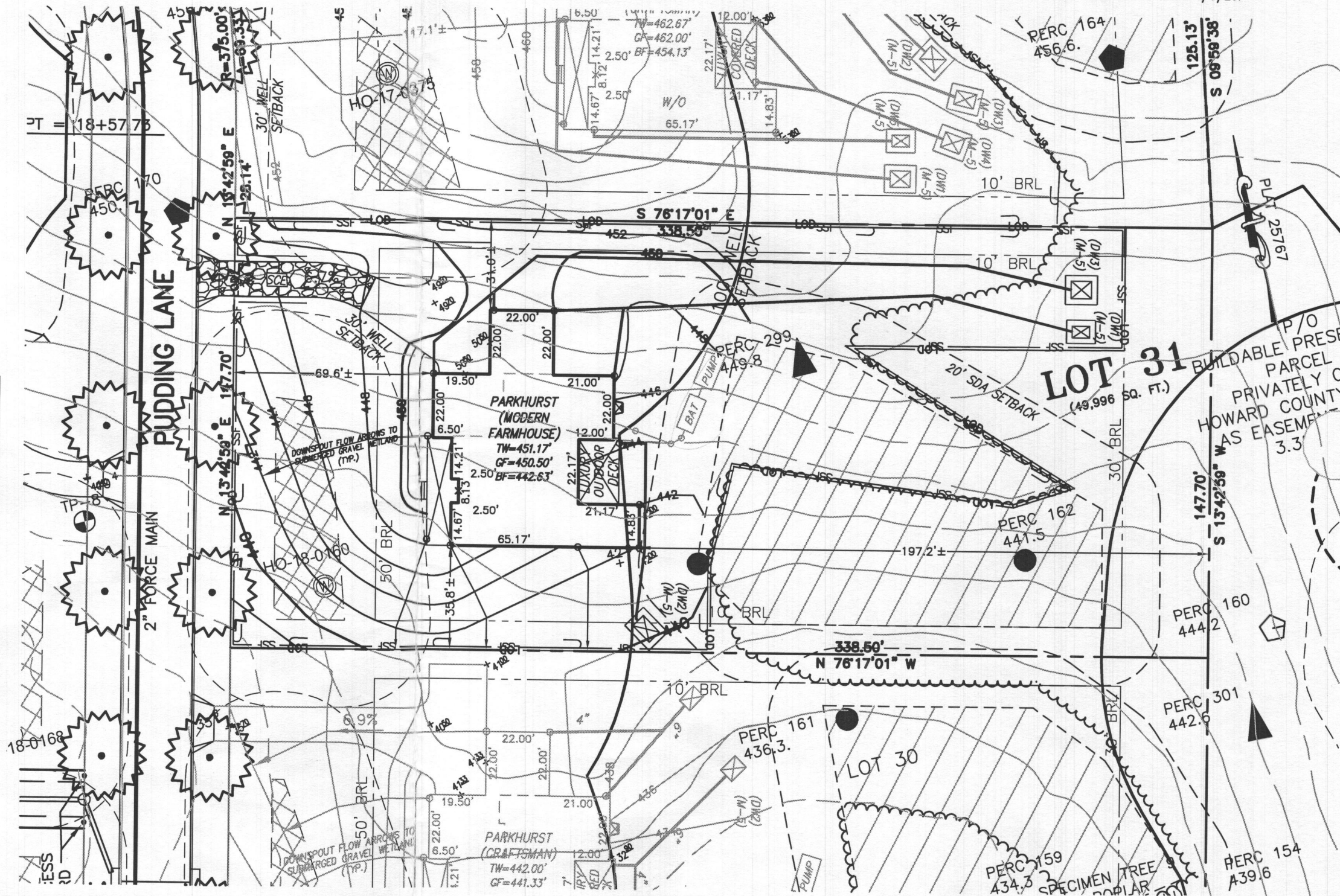
- BRL BUILDING RESTRICTION LINE
WELL LOCATION
T.W. TOP OF WALL
G.F. GARAGE FLOOR
B.F. BASEMENT FLOOR
PASSED PERC LOCATION
FAILED PERC LOCATION
SEWAGE DISPOSAL AREA
WELL BOX AREA
SILT FENCE
SUPER SILT FENCE
LIMITS OF DISTURBANCE
PROPOSED TREE
PROPOSED TREE
SCE STONE CONSTRUCTION ENTRANCE

NOTE:
TOTAL LIMITS OF DISTURBANCE (LOD) = 34,909 SQ. FT.



HOUSE ENLARGEMENT
NOT TO SCALE

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN
SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.



HOUSE TYPE: PARKHURST (MODERN FARMHOUSE)

TWO CAR SIDE ENTRY GARAGE
FINISHED LOWER LEVEL
WALK-OUT BASEMENT
ADDITIONAL TWO CAR FRONT ENTRY GARAGE
POWDER ROOM - FINISHED BASEMENT
MULTI-GENERATIONAL SUITE ADDITION
OPTIONAL DROP ZONE
PREP KITCHEN
OUTDOOR LIVING DECK
FINISHED SPACE UNDER MULTI GEN SUITE
FINISHED THIRD FLOOR WALK-UP SPACE W/ 1/2 BATH
MEDIA ROOM - FINISHED BASEMENT
DOUBLE WIDE DRIVEWAY TAIL
DAYLIGHT WINDOW/WELL IN BASEMENT

WELL NUMBER: HO-18-0160

ADDRESS: 10521 PUDDING LANE
ELLICOTT CITY, MD 21042

OPTION No. 012
OPTION No. 013
OPTION No. 017
OPTION No. 263019
OPTION No. 263036
OPTION No. 263073
OPTION No. 263081
OPTION No. 263158
OPTION No. 263168
OPTION No. 263279
OPTION No. 263381
OPTION No. 562
OPTION No. 851
OPTION No. 543

PERMIT PLOT PLAN
LOT 31
KINGS FOREST
LIBER 11372, FOLIO 431
PLAT NO. 25767
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.

6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046

T: 410-872-9105

DATE: 02/24/2022

SCALE: 1" = 40'

FILE: PP LOT 31 PARKHURST MF

CHK'D: M.J.B.

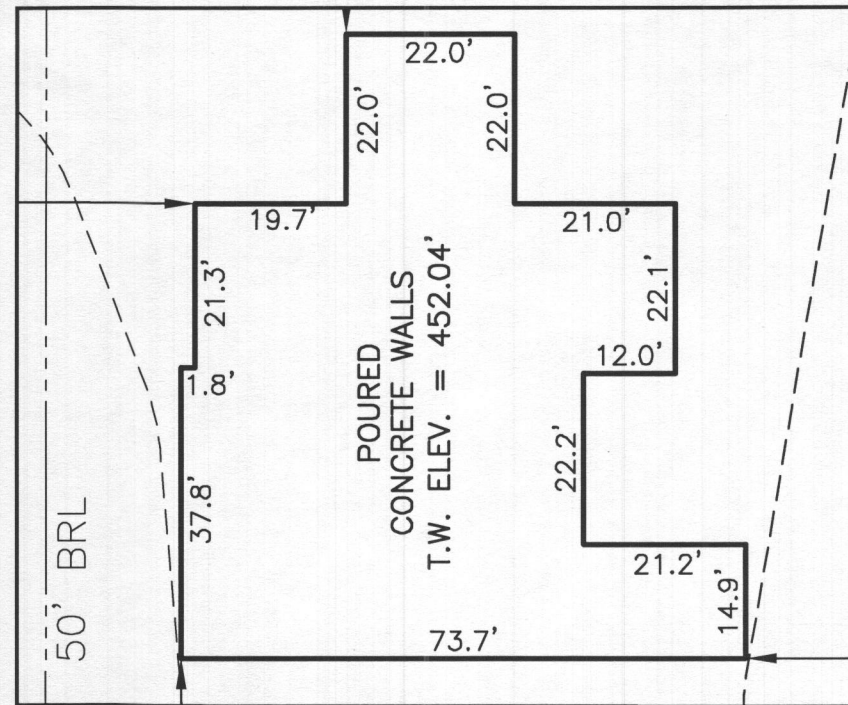
JOB NO: 3502

DRAWN: V.X.P.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/23.

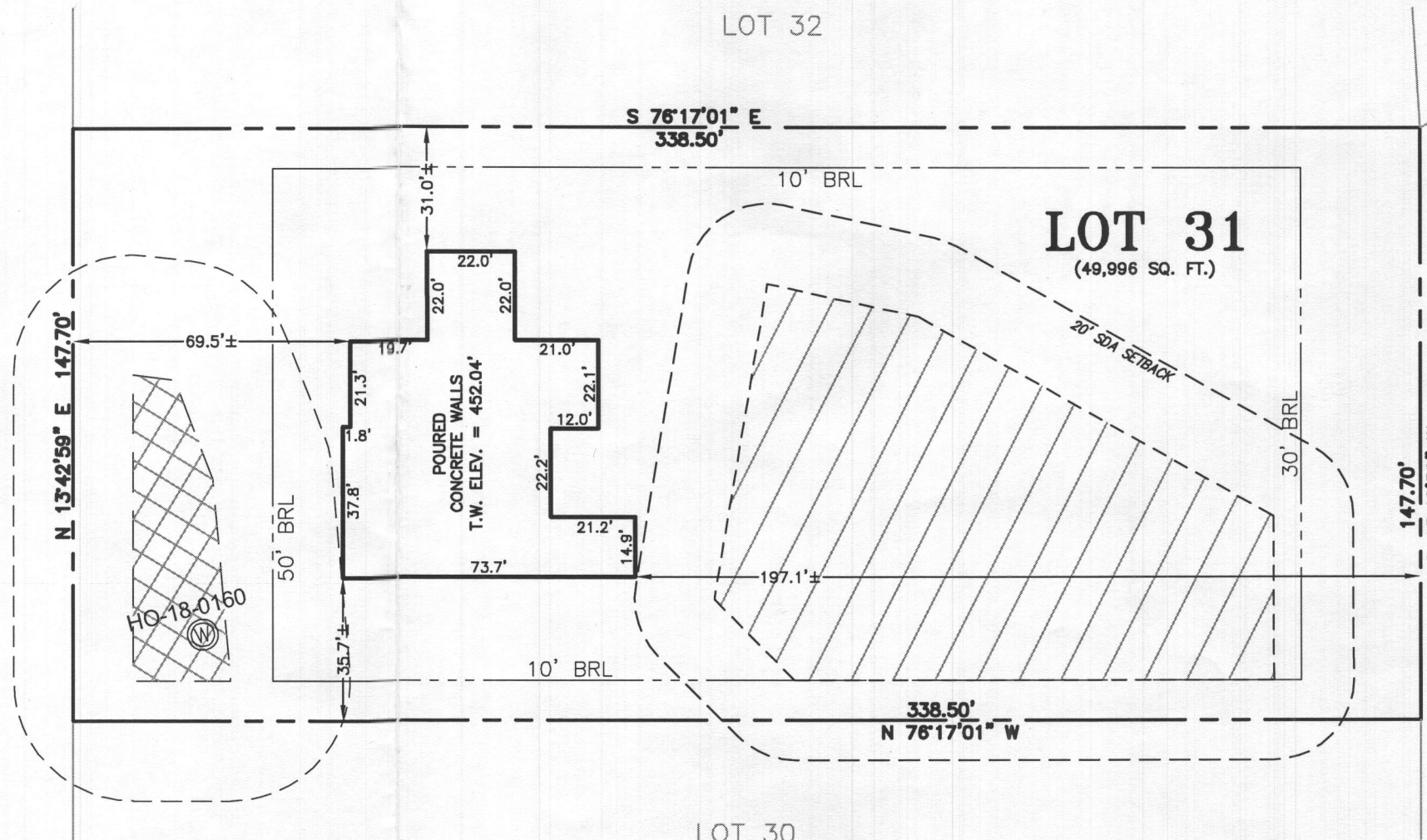
LEGEND:

BRL BUILDING RESTRICTION LINE
W WELL LOCATION
T.W. TOP OF WALL
SEWAGE DISPOSAL AREA
WELL BOX AREA



HOUSE ENLARGEMENT
NOT TO SCALE

PUDDING LANE



BUILDABLE PRESERVATION
PARCEL D
PRIVATELY OWNED,
HOWARD COUNTY AND HOA
AS EASEMENT HOLDERS
3.35 ACRES

WELL NUMBER: HO-18-0160
ADDRESS: 10521 PUDDING LANE
ELLICOTT CITY, MD 21042
PERMIT No.: B22000806

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN
SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

SURVEYOR'S CERTIFICATE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, 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.

SIGNATURE: MICHAEL JOE BOYCE 21328 10/17/22
MD. LIC NO. DATE

WALLCHECK
LOT 31
KINGS FOREST
LIBER 11372, FOLIO 431
PLAT NO. 25767
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-872-9105

DATE: 10/13/2022
CHK'D: M.J.B.

SCALE: 1" = 40'
JOB NO: 3502

FILE: WC LOT 31
DRAWN: T.L.L.

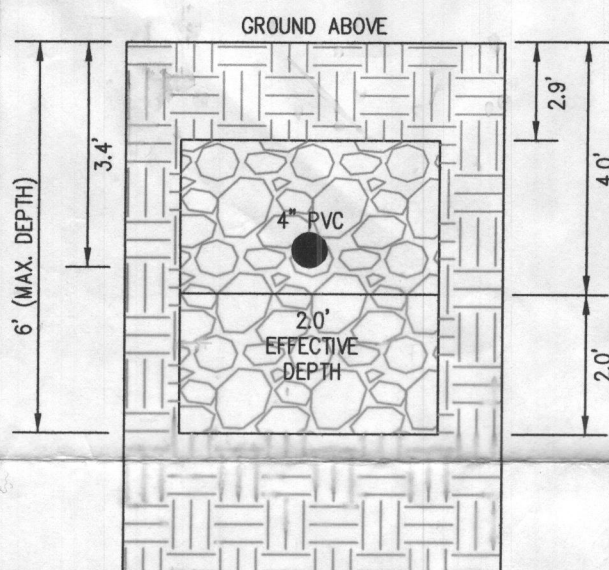
HOUSE OPTIONS:

HOUSE TYPE: PARKHURST (MODERN FARMHOUSE)
TWO CAR SIDE ENTRY GARAGE
FINISHED LOWER LEVEL
WALK-OUT BASEMENT
ADDITIONAL TWO CAR FRONT ENTRY GARAGE
POWDER ROOM - FINISHED BASEMENT
MULTI-GENERATIONAL SUITE ADDITION
OPTIONAL DROP ZONE
PREP KITCHEN
OUTDOOR LIVING DECK
FINISHED SPACE UNDER MULTI GEN SUITE
FINISHED THIRD FLOOR WALK-UP SPACE W/ 1/2 BATH
MEDIA ROOM - FINISHED BASEMENT
DOUBLE WIDE DRIVEWAY TAIL
DAYLIGHT WINDOW/WELL IN BASEMENT

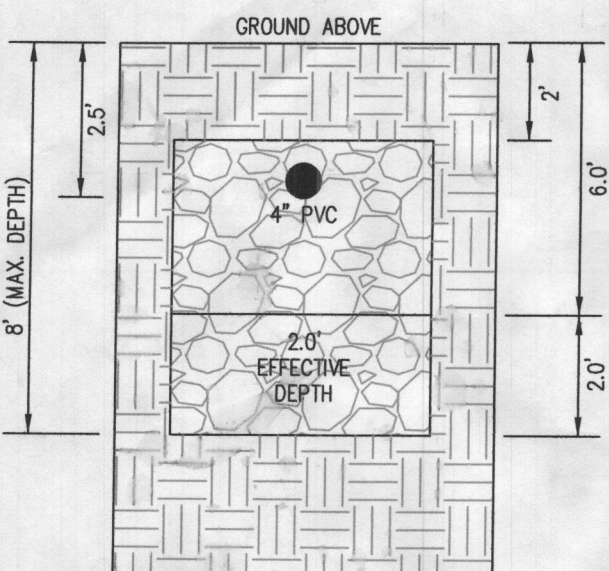
OPTION No. 012
OPTION No. 013
OPTION No. 017
OPTION No. 263019
OPTION No. 263036
OPTION No. 263073
OPTION No. 263081
OPTION No. 263158
OPTION No. 263168
OPTION No. 263279
OPTION No. 263281
OPTION No. 562
OPTION No. 851
OPTION No. 543

INITIAL TRENCH DATA

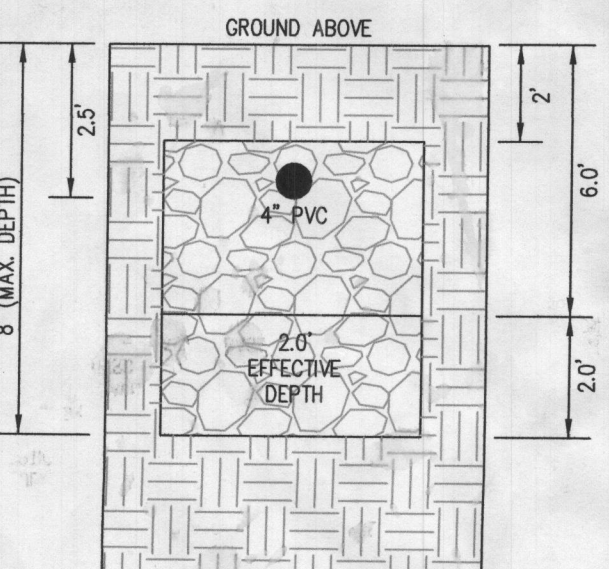
BOTTOM MAX. DEPTH (6.0')
TRENCH 1 (T1): 49.25 L.F.
GROUND ABOVE = 448.40'
INV. IN = 445.00'
BOTTOM TRENCH = 442.400'
TRENCH 2 (T2): 49.25 L.F.
GROUND ABOVE = 448.80'
INV. IN = 443.40'
BOTTOM TRENCH = 440.80'
TRENCH 3 (T3): 49.25 L.F.
GROUND ABOVE = 444.60'
INV. IN = 441.20'
BOTTOM TRENCH = 443.60'
TRENCH 4 (T4): 49.25 L.F.
GROUND ABOVE = 444.60'
INV. IN = 441.20'
BOTTOM TRENCH = 443.60'



INITIAL SYSTEM
TRENCH DETAIL (T1) THRU (T4)
(NOT TO SCALE)



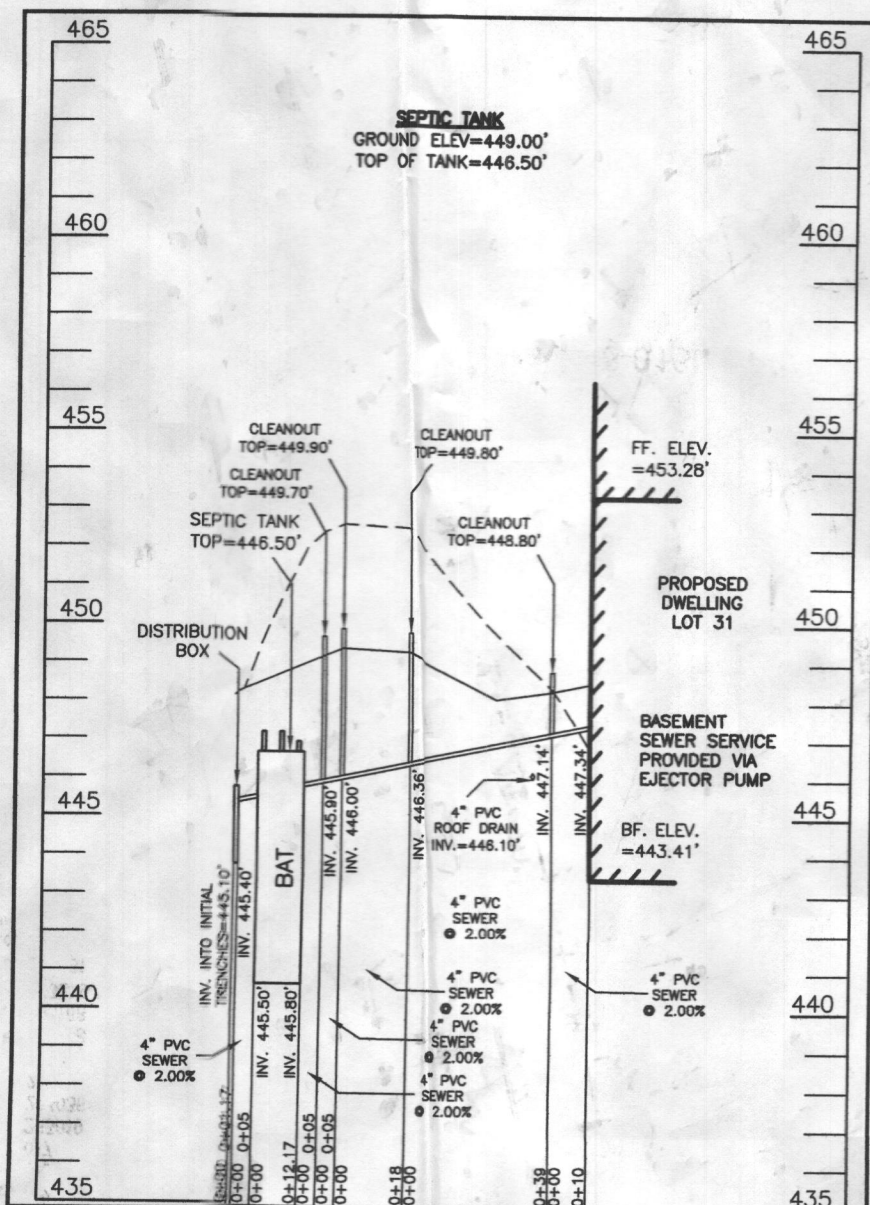
1ST REPLACEMENT SYSTEM
TRENCH DETAIL (T5) THRU (T7)
(NOT TO SCALE)



2ND REPLACEMENT SYSTEM
TRENCH DETAIL (T8) THRU (T10)
(NOT TO SCALE)

LEGEND:

● WELL LOCATION
I.W. TOP OF WALL
C.F. GARAGE FLOOR
B.F. BASEMENT FLOOR
● PASSED PERC LOCATION
● FAILED PERC LOCATION
SEWAGE DISPOSAL AREA
WELL BOX AREA
PROPOSED TREE



SEPTIC SYSTEM PROFILE
SCALE = HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

Approved Septic System Plan Howard County Health Department

Signature *D. Bernard* Date *8-26-22*
B2200006

SEWAGE DISPOSAL SYSTEM DATA (5 BDRM)

- PROPOSED INVERT AT FOUNDATION WALL: 447.34'
- EX. GRADE OVER TANK: 451.90'
PROPOSED GRADE OVER TANK: 449.00'
INVERT IN: 445.80' INVERT OUT: 445.50'
 - DISTRIBUTION BOX
EXISTING GRADE OVER TANK: 448.40'
PROPOSED GRADE OVER TANK: 448.40'
INVERT IN: 445.40' INVERT OUT: 445.10'
 - INITIAL TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 0.8 APP. RATE = 937.50 SF
USE 3' WIDE TRENCH WITH 31" GRAVEL BELOW PIPE
10' MIN. SPACING BETWEEN TRENCH EDGES
937.50 SF ÷ 3' WIDTH = 312.50 LF x 0.63 (SIDEWALL REDUCTION) = 196.88 LF MIN.
USE 4 49.25' LONG TRENCHES = 197 LF
 - 1ST REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 0.8 APP. RATE = 937.50 SF
USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
10' MIN. SPACING BETWEEN TRENCH EDGES
937.50 SF ÷ 3' WIDTH = 312.50 LF x 0.63 (SIDEWALL REDUCTION) = 196.88 LF MIN.
USE 3 65.75' LONG TRENCHES = 197.25 LF
 - 2ND REPLACEMENT TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
750 GPD ÷ 0.8 APP. RATE = 937.50 SF
USE 3' WIDE TRENCH WITH 66" GRAVEL BELOW PIPE
10' MIN. SPACING BETWEEN TRENCH EDGES
937.50 SF ÷ 3' WIDTH = 312.50 LF x 0.63 (SIDEWALL REDUCTION) = 196.88 LF MIN.
USE 3 65.75' LONG TRENCHES = 197.25 LF

WELL LOCATION CERTIFICATION:

THE EXISTING WELL SHOWN FOR FUTURE LOT 31 (TAG NO. HO-18-0160)
HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN HEREON.

Approved Septic System Plan Howard County Health Department

Signature *D. Bernard* Date *8-26-22*

SITE PLAN FOR BAT INSTALLATION
LOT 31
KINGS FOREST
LIBER 11372, FOLIO 431
PLAT NO. 25767
ELECTION DISTRICT No. 2
HOWARD COUNTY, MARYLAND
ADDRESS: 10521 PUDDING LANE
ELLICOTT CITY, MARYLAND 21042

ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

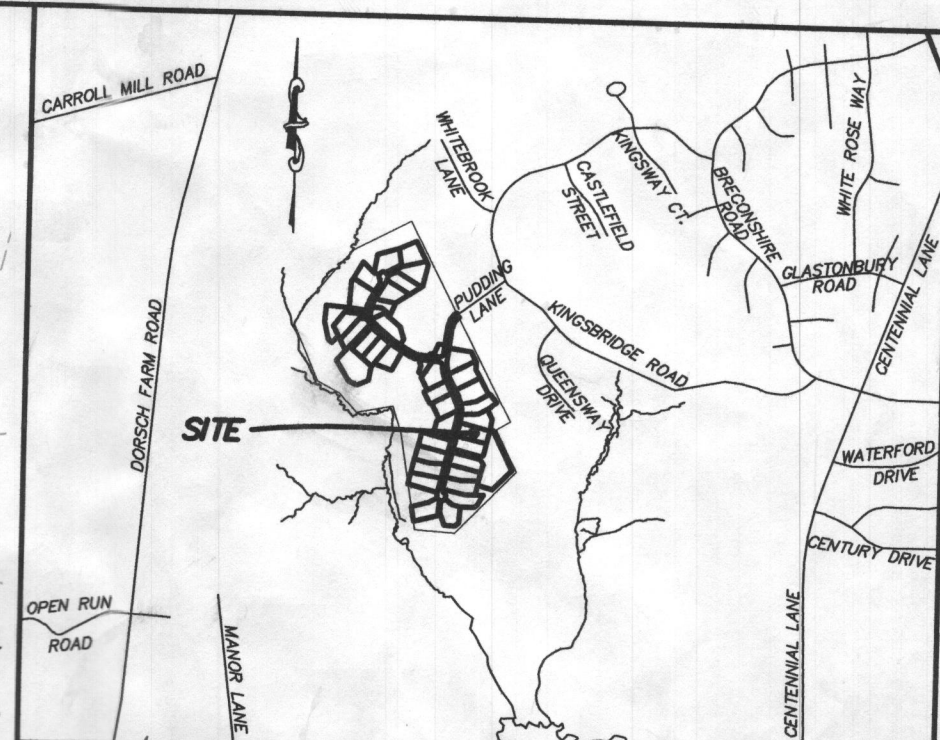
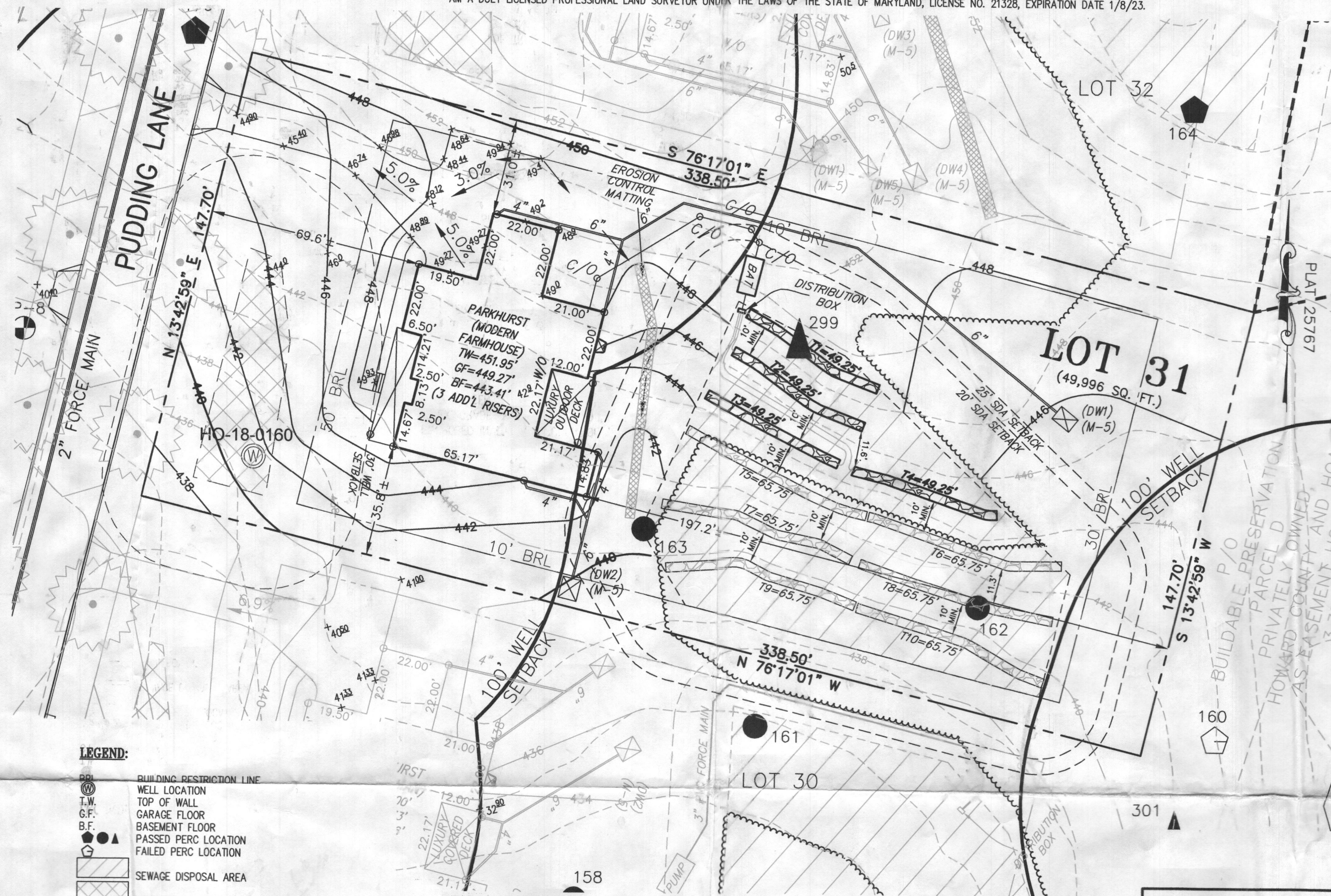
ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-872-9105

DATE: 08/04/2022
CHK'D: M.J.B.

SCALE: 1"= 30'
JOB NO: 3502

FILE: BAT LOT 31
DRAWN: R.C.K.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/23.

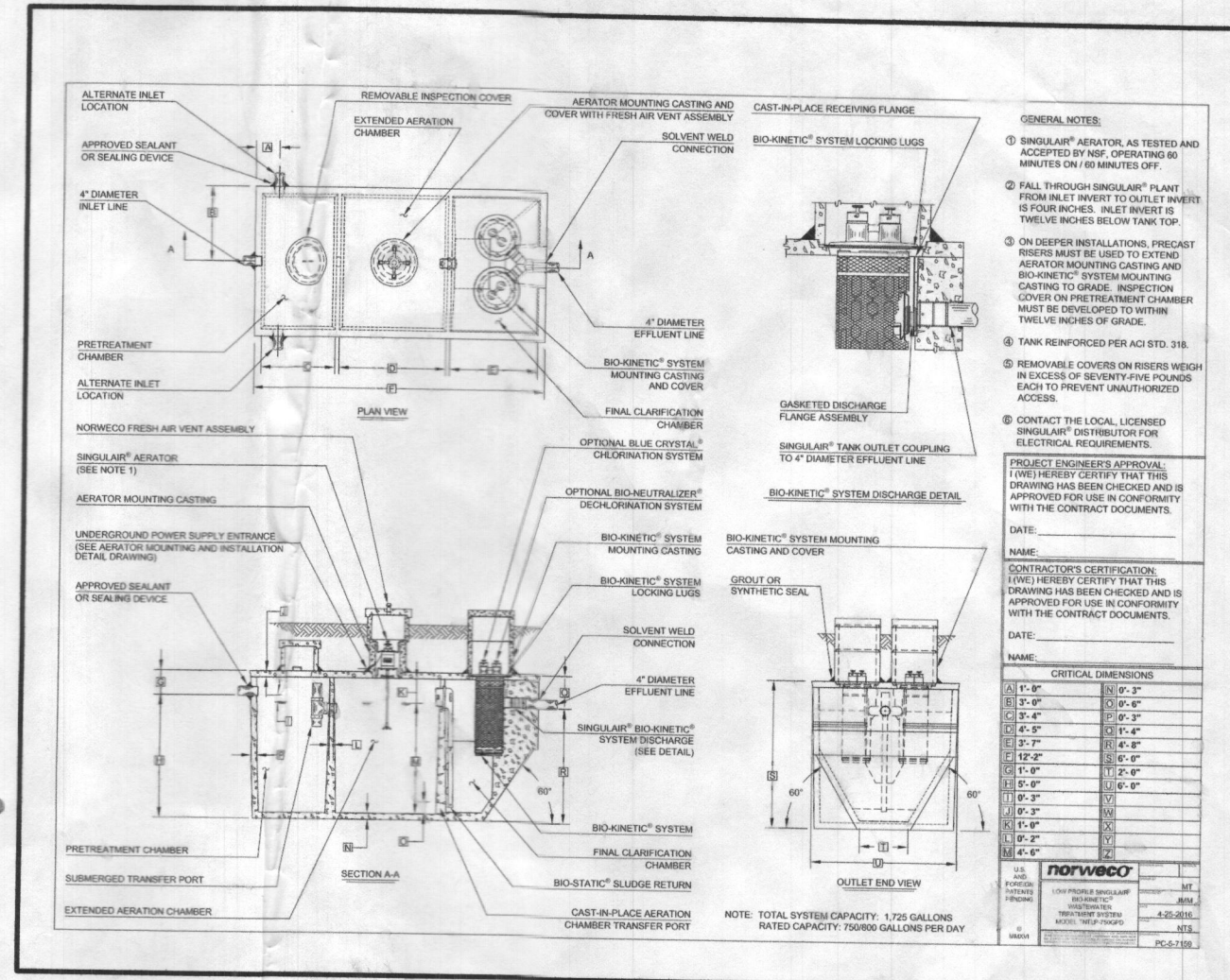


VICINITY MAP

1" = 1000'

GENERAL NOTES:


- THESE AREAS DESIGNATE A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEPTIC RESERVE AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEPTIC RESERVE AREAS HAVE BEEN SHOWN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.
- ANY CHANGES TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM EARTH COVER OVER THE TANK IS THREE (3) FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY GIS, ±1' CONTOUR INTERVAL AND FIELD VERIFIED BY BENCHMARK ENGINEERING, INC., IN FEBRUARY 2014.
- LOTS SHOWN HEREON ARE PER THE F-19-014 PLAN, APPROVED ON MARCH 5, 2020. RECORD PLATS ARE NOT RECORDED AT THIS TIME BUT ARE IN PROCESS THEREOF.




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LEGEND:


- BRL



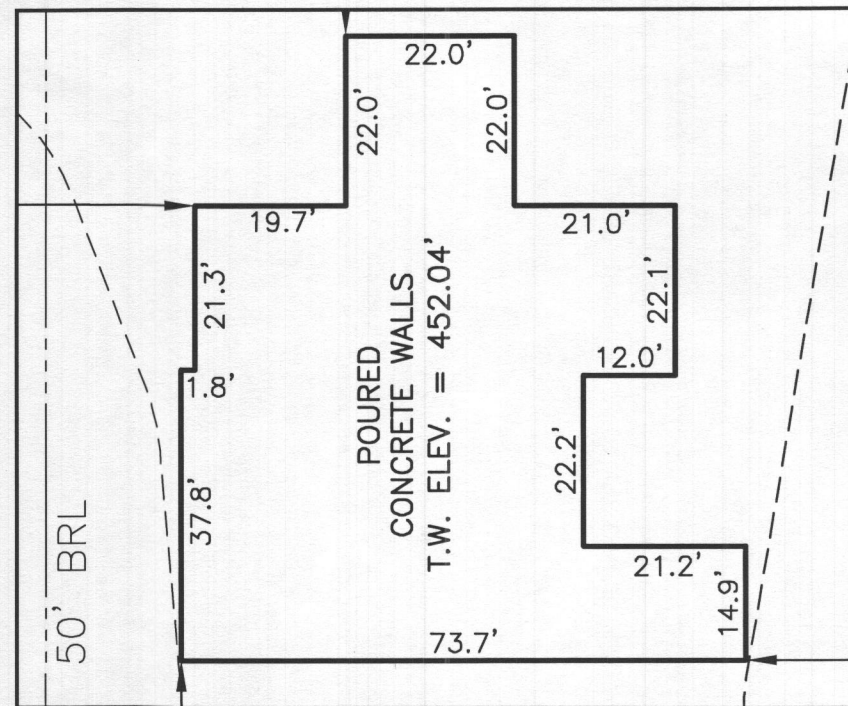
BUILDING RESTRICTION LINE
- T.W.



TOP OF WALL
- 

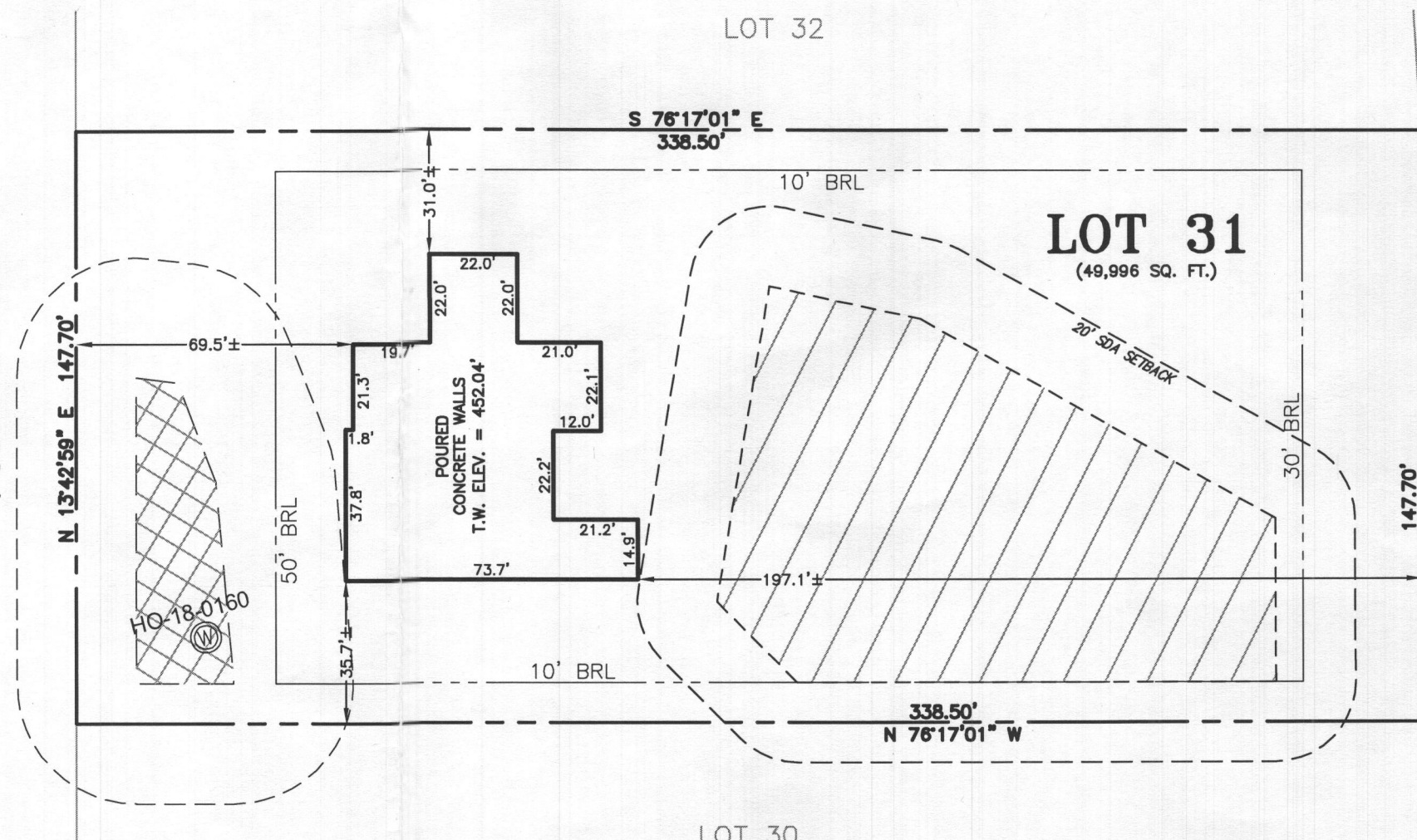
SEWAGE DISPOSAL AREA
- 

WELL BOX AREA



HOUSE ENLARGEMENT
NOT TO SCALE

PUDDING LANE



P/O
BUILDABLE PRESERVATION
PARCEL D
PRIVATELY OWNED,
HOWARD COUNTY AND HOA
AS EASEMENT HOLDERS
3.35 ACRES

WELL NUMBER: HO-18-0160

ADDRESS: 10521 PUDDING LANE
ELLICOTT CITY, MD 21042

PERMIT No.: B22000806

12/21/22
Wall Check Okay.
-H.O.

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN
SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

SURVEYOR'S CERTIFICATE

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THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

 21328 10/17/22
SIGNATURE: MICHAEL JOE BOYCE MD. LIC NO. DATE

WALLCHECK
LOT 31
KINGS FOREST
LIBER 11372, FOLIO 431
PLAT NO. 25767
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-872-9105

DATE: 10/13/2022 SCALE: 1" = 40' FILE: WC LOT 31
CHK'D: M.J.B. JOB NO: 3502 DRAWN: T.L.L.

