

PERMIT NUMBER: B23002192

DATE ACCEPTED:



# RESIDENTIAL BUILDING PERMIT APPLICATION

HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS DIVISION

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4  
www.howardcountymd.gov

### BUILDING SITE ADDRESS REQUIRED

Street Address: 10504 Pudding Lane		Unit:
City: Ellicott City	State: MD	Zip Code: 21042
Subdivision/Village/Complex Name: Kings Forrest		SDP/WP/BA #:
Lot: 16	Tax Map:	Parcel:
		Grading Permit #:

### DESCRIPTION OF WORK REQUIRED

Existing Use: Vacant Lot	Proposed Use: SFD	Estimated Cost: \$ 300,000
Trade Work to Be Completed (Separate Permits Required): <input type="checkbox"/> Mechanical (HVACR) <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> None		
<i>New 2 story "Parkhurst" Craftsman elev, with 2 car side and 2 car attached garage, Multi-gen suite, luxury covered deck, prep kitchen, 2nd floor wet bar and unfinished lower level</i>		

### PROPERTY OWNER INFORMATION REQUIRED

Owner(s) Name(s) (As it appears on tax records): Toll Mid Atlantic Lp. Co. Inc. Contact: Summer Riley		Primary Residence: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Owner's Street Address: 250 Gibraltar Road		
City: Horsham	State: PA	Zip Code: 19044
Phone: (410) 872-9105	Email: sriley1@tollbrothers.com	

### APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION

Business Name: Decatur Building Services	Contact Name: Jim Kerwin
Street Address: PO Box 552	
City: Woodbine	State: MD
Phone: (410) 309-7792	Email: jim@decaturbuildingservices.com
Zip Code: 21797	

### CONTRACTOR INFORMATION REQUIRED

Business Name: Toll Brothers	Contact Name: Summer Riley
Licensee's Name: Toll Mid Atlantic Lp. Co. Inc.	License #: 8220
Street Address: 6731 Columbia Gateway Drive, Suite 120	
City: Columbia	State: MD
Phone: (410) 872-9105	Email: sriley1@tollbrothers.com
Zip Code: 21046	

### ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE

Business Name:	Name:
Street Address:	
City:	State:
Phone:	Email:
Zip Code:	

### BUILDING CHARACTERISTICS REQUIRED

Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*)	Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Utilities: <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gas   Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)
Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane <input type="checkbox"/> Other:	Roadside Tree Project: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: #
Sprinkler System: <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input checked="" type="checkbox"/> NFPA 13D <input type="checkbox"/> None	Fire Alarm System: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Voice Evac

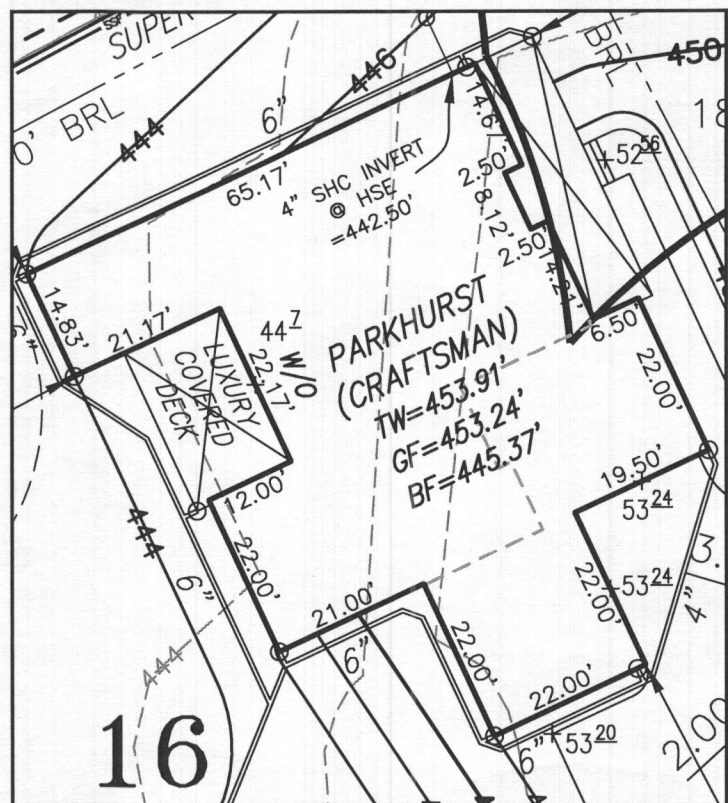
### ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)

Model Name & Options: <i>"Parkhurst" Craftsman w/ 2 car + 2 car side multi-gen suite, covered deck</i>				
# of Bedrooms (SF): 5	# of efficiency units (MF*):	# of 1 BR (MF*):	# of 2 BR (MF*):	# of 3 BR (MF*): 0
# Rooms: 12	# Full Baths: 5	# Half Baths: 1	# Fireplaces: 1	
Garage/Carport Info: <input checked="" type="checkbox"/> Attached Garage <input type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None				
Basement/Foundation Info: <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Post & Pier <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/> Finished Basement: <input type="checkbox"/> Full or <input type="checkbox"/> Partial				
1st Fl Width: 81	1st Fl Depth: 72	2nd Fl Width: 59	2nd Fl Depth: 56	Bsmt Width: 59   Bsmt Depth: 72
Energy Method: <input type="checkbox"/> Prescriptive <input checked="" type="checkbox"/> Performance <input type="checkbox"/> UA Alternative <input type="checkbox"/> ERI		Gross Area: 8617 sq ft	Occupiable Area: 8352 sq ft	

**LEGEND:**

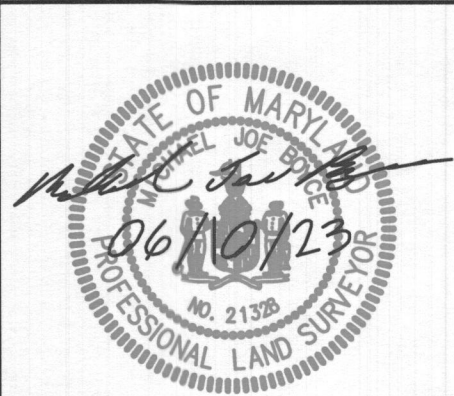
- BRL BUILDING RESTRICTION LINE
- W WELL LOCATION
- T.W. TOP OF WALL
- G.F. GARAGE FLOOR
- B.F. BASEMENT FLOOR
- ⬢ PASSED PERC LOCATION
- ⬢ FAILED PERC LOCATION
- ▨ SEWAGE DISPOSAL AREA
- ▩ WELL BOX AREA
- SILT FENCE
- SUPER SILT FENCE
- LIMITS OF DISTURBANCE
- PROPOSED TREE
- SCE STONE CONSTRUCTION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

NOTE:  
TOTAL LIMITS OF DISTURBANCE (LOD) = 30,070 SQ. FT.



HOUSE ENLARGEMENT  
NOT TO SCALE

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



HOUSE TYPE: PARKHURST (CRAFTSMAN)

- INTERIOR WET BAR
- TWO CAR SIDE ENTRY GARAGE
- WALKOUT BASEMENT
- DOUBLE WIDE TAIL IN REAR OF DRIVEWAY
- WET BAR ROUGH-IN
- ADD'L 2 CAR FRONT ENTRY GARAGE
- MULTI-GENERATIONAL SUITE ADDITION
- ALTERNATE KITCHEN ISLAND
- PREP KITCHEN
- LUXURY COVERED DECK

- OPTION No. 003
- OPTION No. 012
- OPTION No. 017
- OPTION No. 851
- OPTION No. 048246
- OPTION No. 263019
- OPTION No. 263073
- OPTION No. 263149
- OPTION No. 263158
- OPTION No. 263169

WELL NUMBER: HO-17-0373

ADDRESS: 10504 PUDDING LANE  
ELLICOTT CITY, MD 21042

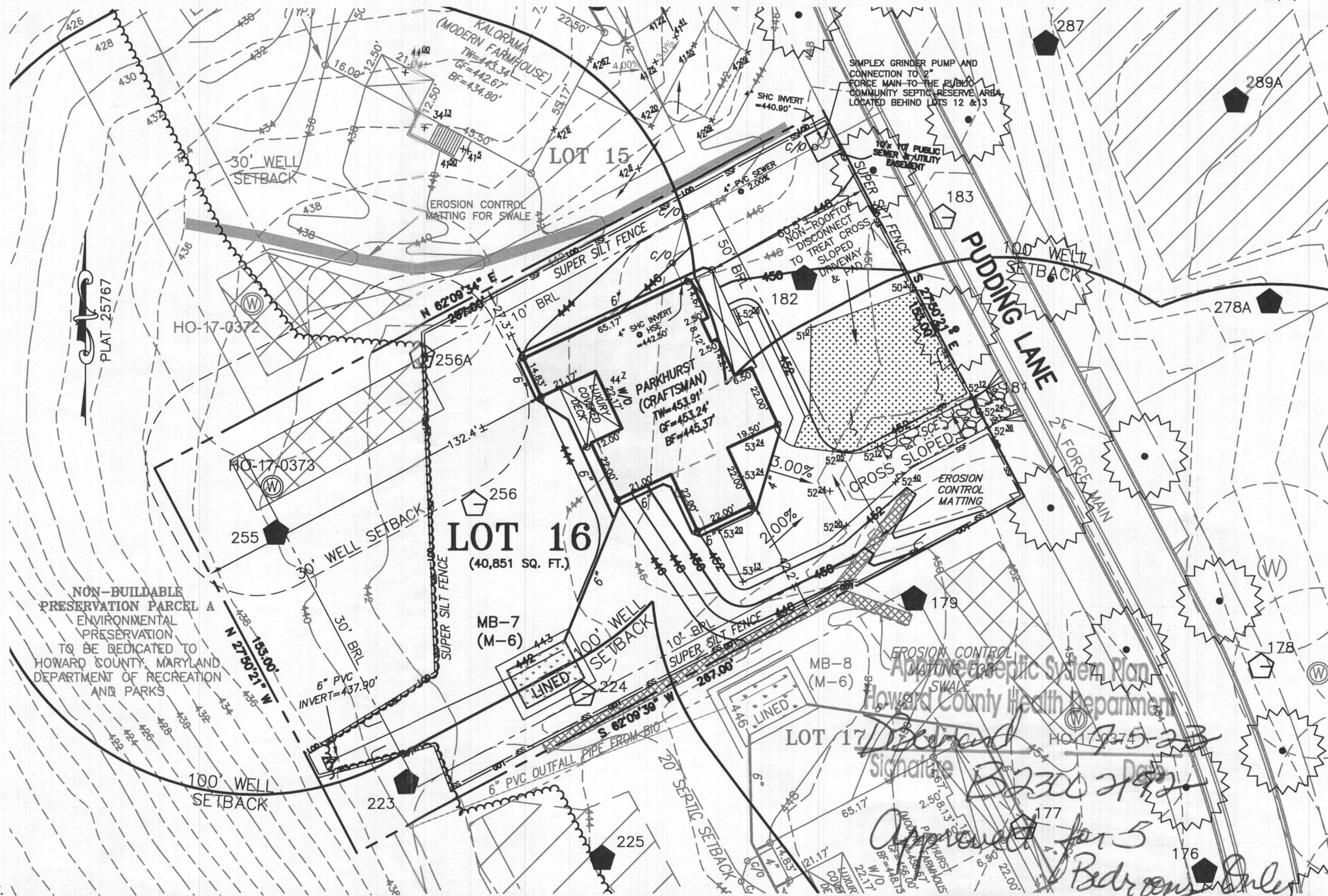
PLOT PLAN  
LOT 16  
**KINGS FOREST**  
LIBER 20039, FOLIO 212  
PLAT NO. 25767  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

# ESE CONSULTANTS

ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

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

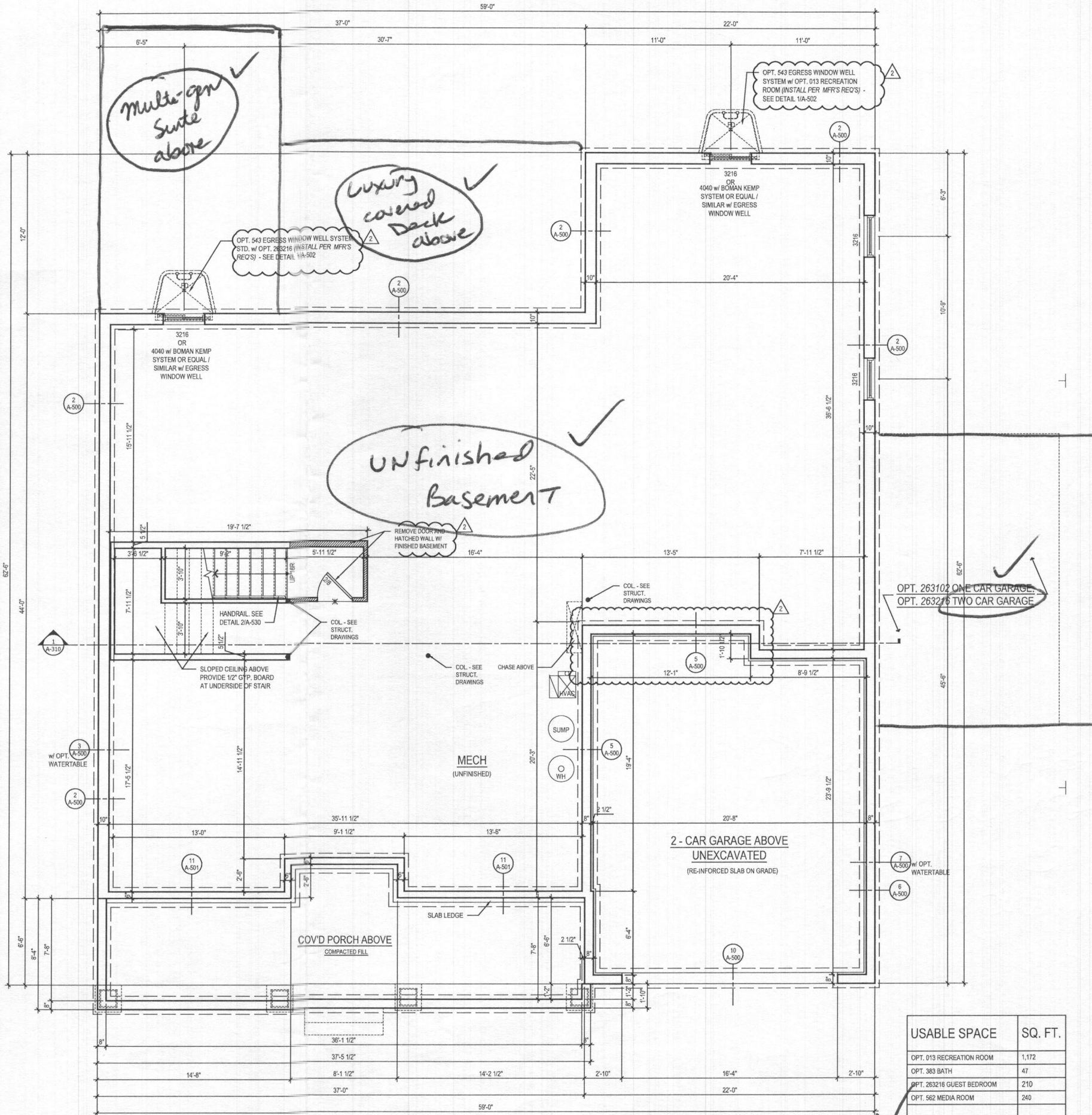
DATE: 06/08/2023 SCALE: 1" = 40' FILE: PP LOT 16 - PARKHURST CRAFTS.  
CHK'D: M.J.B. JOB NO: 3502 DRAWN: R.C.K.



Approved for 5 Bedrooms Only  
Signature: [Handwritten Signature]  
Date: 06/08/23  
Approved for 5 Bedrooms Only

- GENERAL PLAN NOTES**
- A. ALL WOOD STUD PARTITIONS NOT DIMENSIONED ARE TO BE 3 1/2" FOR INTERIOR AND 5 1/2" FOR EXTERIOR WALLS UNLESS OTHERWISE NOTED.
  - B. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUDS.
  - C. ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS.
  - D. ALL DIMENSIONS GOVERN OVER SCALE.
  - E. ALL SMOKE DETECTORS ARE TO BE WIRED IN SUCH A MANNER THAT ACTIVATION OF ONE WILL ACTIVATE THEM ALL.
  - F. ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS AND SOFFITS PROTECTED ON ENCLOSED SIDE WITH 1/2" GYPSUM BOARD.
  - G. ALL WINDOWS SIZE ARE NOTED IN FEET + INCHES AS MEASURED FROM SASH TO SASH.
  - H. REFER TO ELEVATIONS FOR WINDOW HEAD HEIGHTS.
  - I. ALL DOORS ARE TO BE 6'-8" HIGH UNLESS OTHERWISE NOTED.
  - J. WASHER ALWAYS TO BE ON LEFT SIDE OF DRYER.
  - K. DISHWASHER ALWAYS TO BE ON RIGHT SIDE OF SINK.

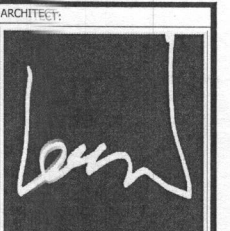
Health Dept  
 10504 Pudding Lane  
 Lot 16  
 Kings forest



**1 BASEMENT FLOOR PLAN**  
 A-100 SCALE: 1/4"=1'-0"  
 TOL081A\_A100.DWG

@ ELEV. 1 - CRAFTSMAN  
 @ UNFINISHED CONDITION

USABLE SPACE	SQ. FT.
OPT. 013 RECREATION ROOM	1,172
OPT. 383 BATH	47
OPT. 263216 GUEST BEDROOM	210
OPT. 562 MEDIA ROOM	240
<b>TOTAL</b>	<b>1,669</b>



**lessard**  
 DESIGN

8521 Leesburg Pike  
 Suite 700 | Vienna, VA 22182  
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SEAL & SIGNATURE:

OWNER:  
**TOLL BROTHERS**  
 19775 BELMONT EXECUTIVE PLAZA  
 ASHBURN, VA 20147  
 P: 571.291.8068  
 CONTACT: CHRISTINA LEMLEY  
 demley@tollbrothers.com

PROJECT NAME:  
**EXECUTIVE SERIES**  
 MARYLAND  
**PARKHURST**  
 FLOOR PLANS

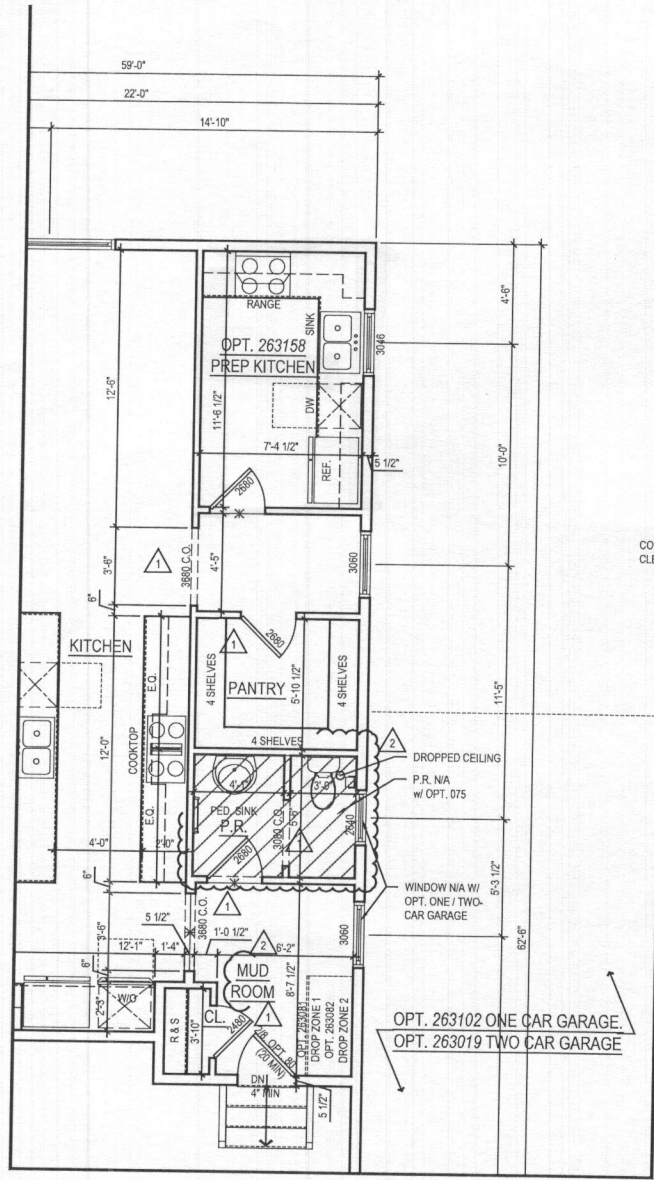
SHEET TITLE:

ISSUE / REVISION		
NO.	DESCRIPTION	DATE
1	BID SET	05.29.19
2	PERMIT SET	06.19.19
3	NO NEW STANDARDS	09.16.19
4	MR #226241	12.11.20

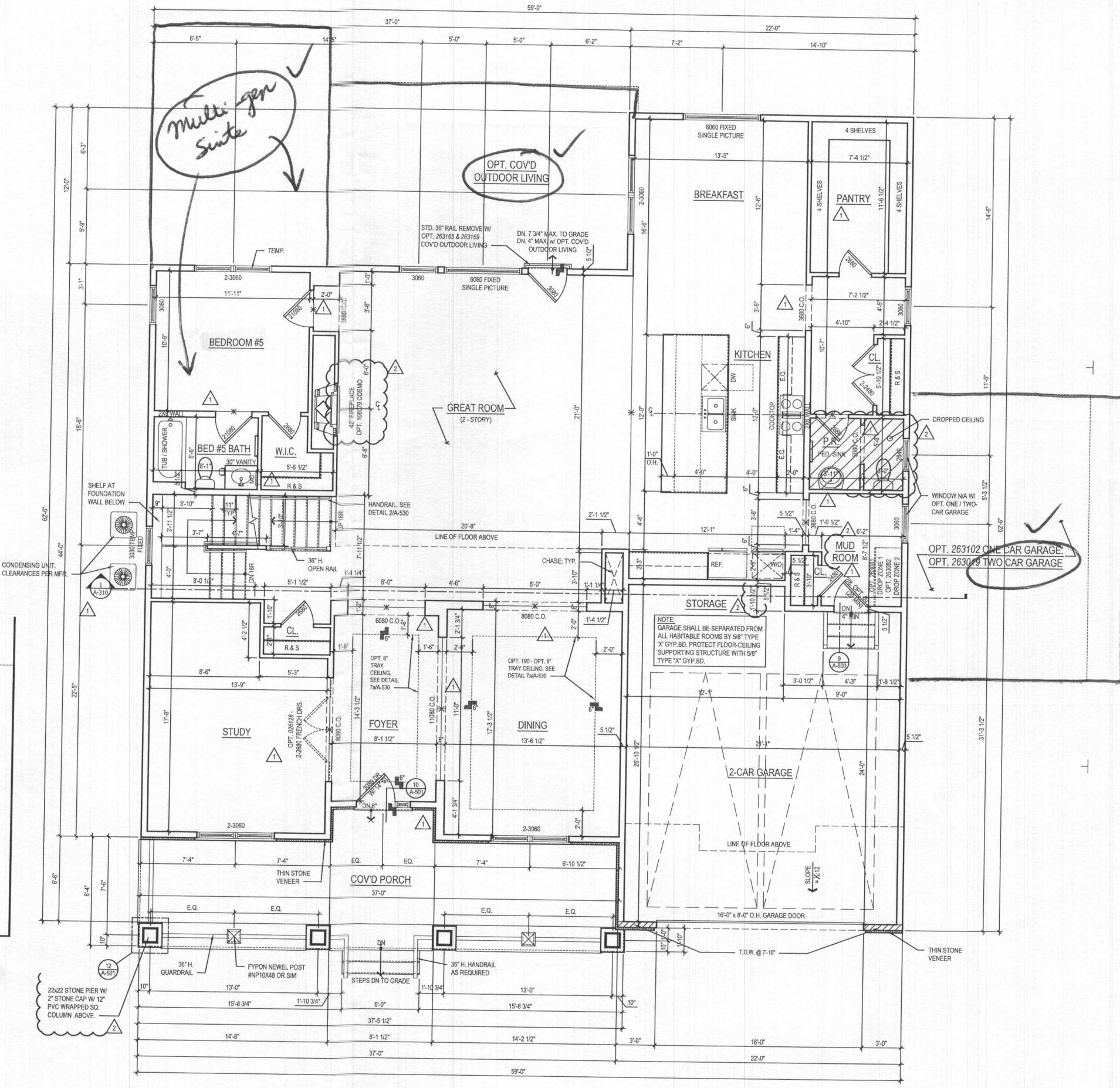
PROJECT No: TOL081a  
 DRAWN BY: AC/RN  
 CHECKED BY: [Signature]  
 PLOT DATE: Jan. 20, 2021  
 FILE NAME: TOL081a\_A100.dwg

**A-100**

- GENERAL PLAN NOTES**
- A. ALL WOOD STUD PARTITIONS NOT DIMENSIONED ARE TO BE 3 1/2" FOR INTERIOR AND 5 1/2" FOR EXTERIOR WALLS UNLESS OTHERWISE NOTED.
  - B. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUDS.
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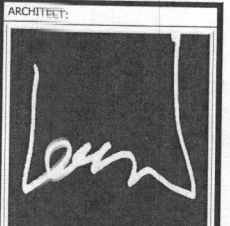


**2 PART. FIRST FLOOR PLAN w/ OPT. 263158 - OPT. PREP KITCHEN**  
 A-110 SCALE: 1/4"=1'-0"  
TOL081A\_A110.DWG



**1 FIRST FLOOR PLAN**  
 A-110 SCALE: 1/4"=1'-0"  
TOL081A\_A110.DWG

@ ELEV. 1 - CRAFTSMAN



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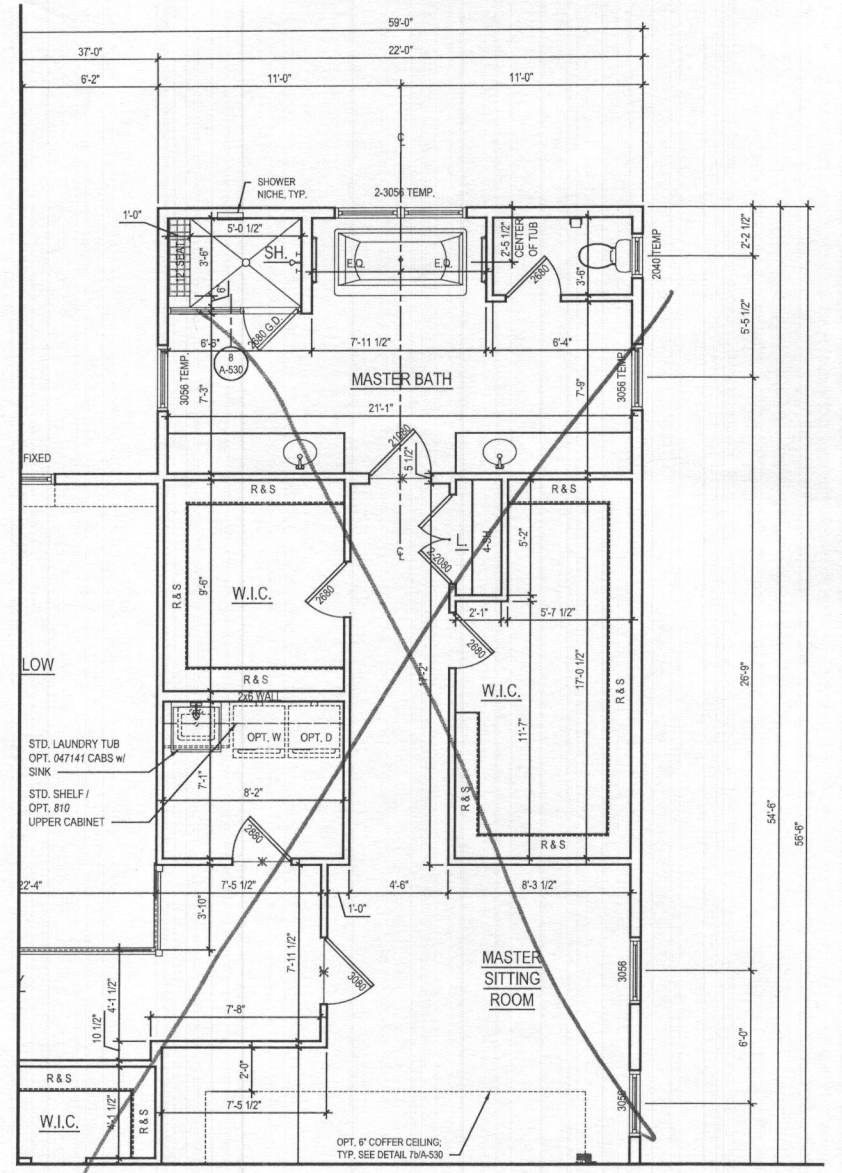
EXECUTIVE SERIES  
 MARYLAND  
**PARKHURST**  
 FLOOR PLANS

PROJECT NAME:  
 SHEET TITLE:

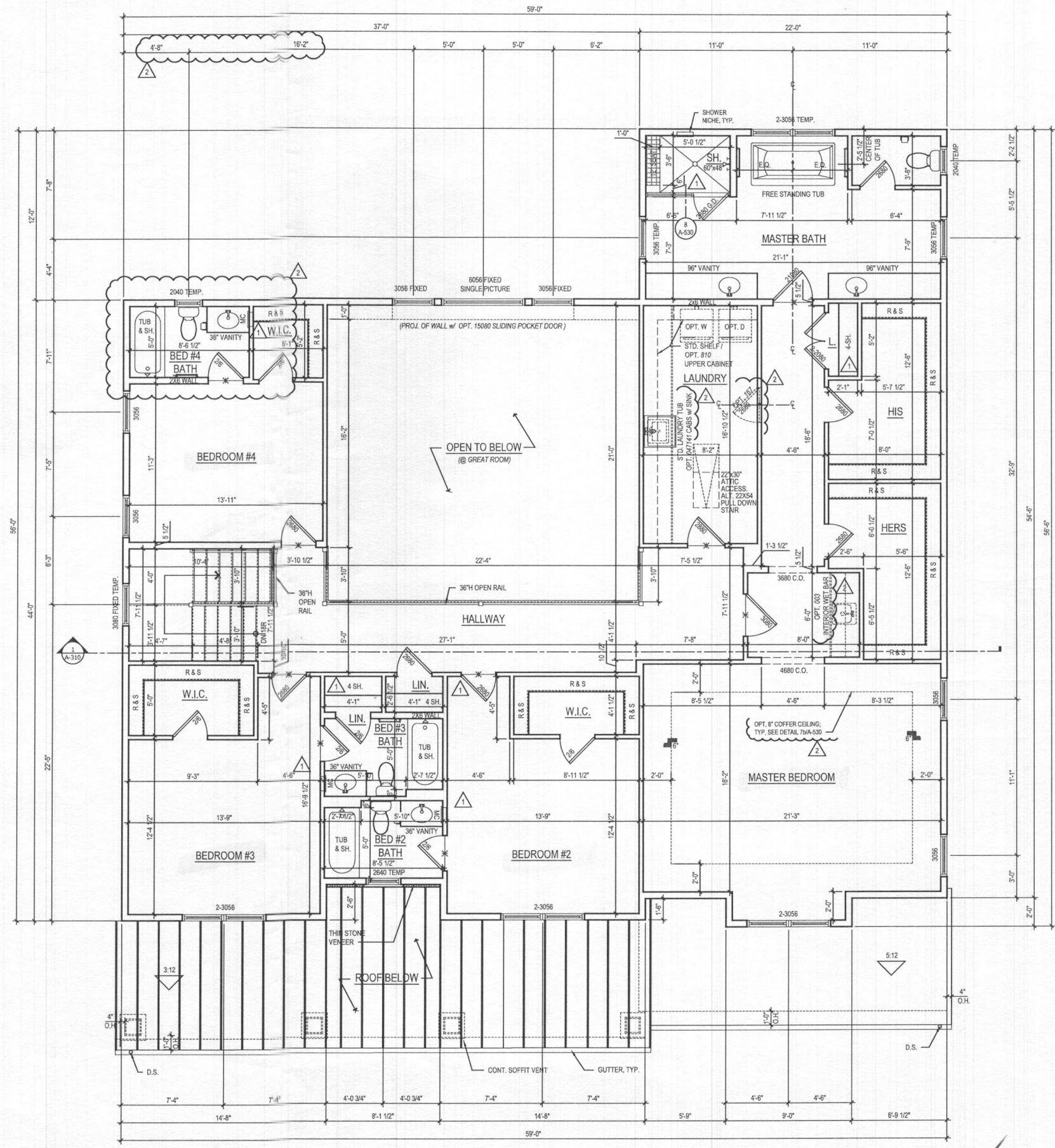
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PROJECT NO: TOL081A  
 DRAWN BY: AC/RN  
 CHECKED BY: AP  
 PLOT DATE: Jan. 20, 2021  
 FILE NAME: TOL081A\_A110.dwg

**A-110**



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- A. ALL WOOD STUD PARTITIONS NOT DIMENSIONED ARE TO BE 3 1/2" FOR INTERIOR AND 5 1/2" FOR EXTERIOR WALLS UNLESS OTHERWISE NOTED.
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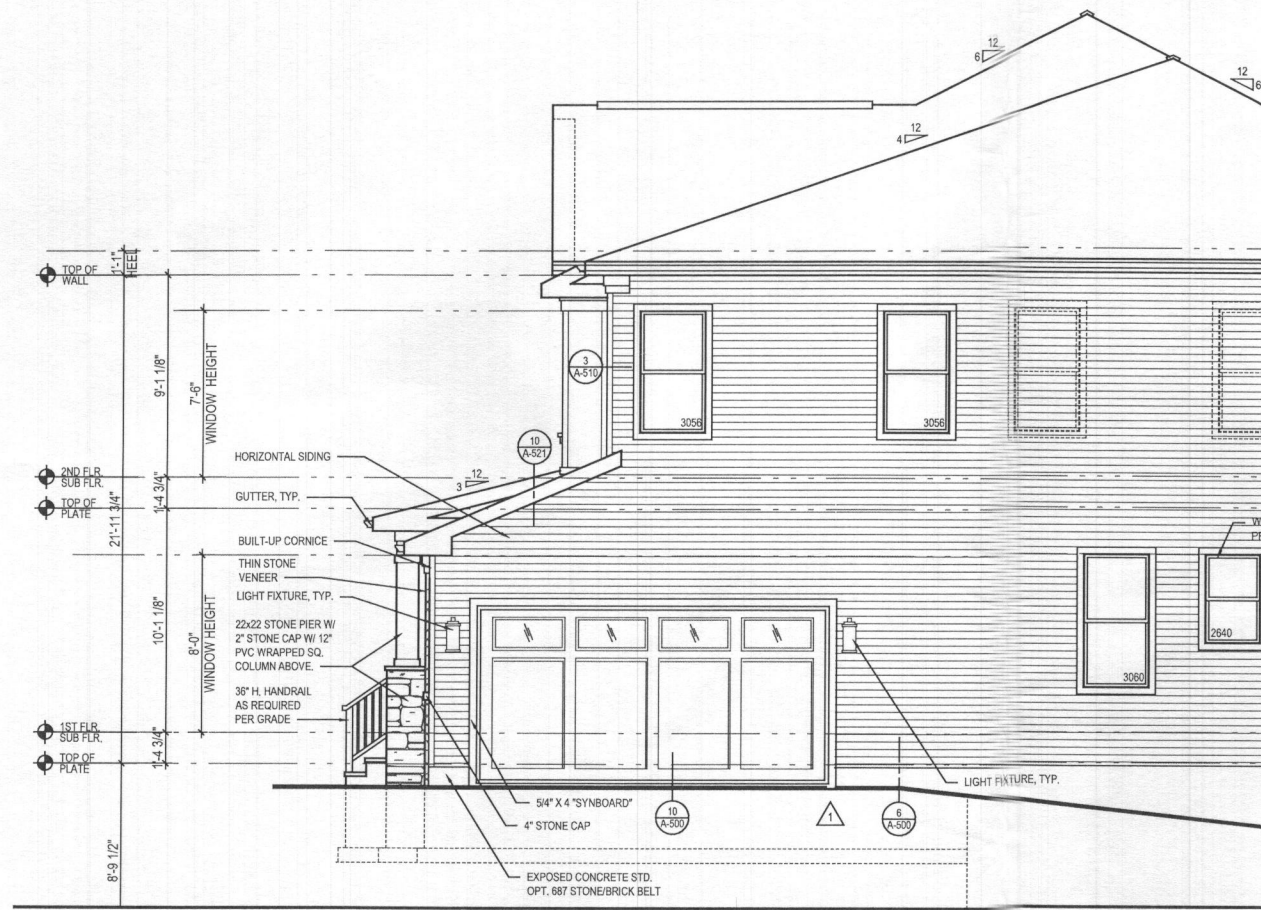
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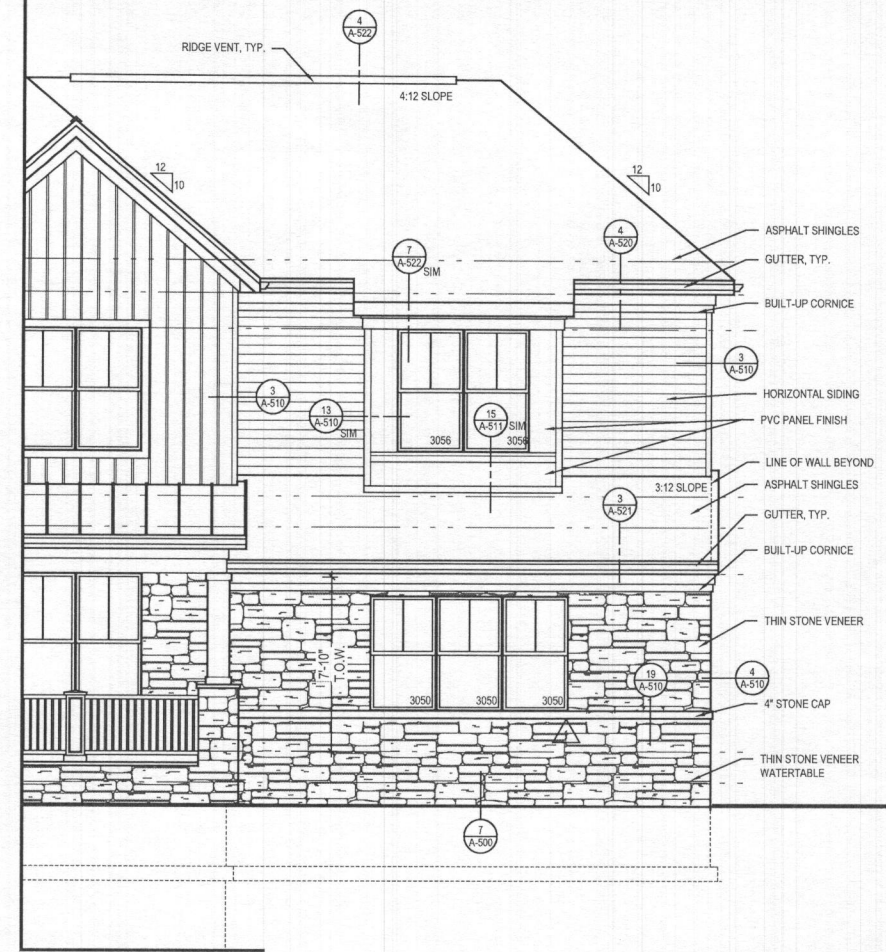
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 DRAWN BY: AC/RN  
 CHECKED BY: AC/RN  
 PLOT DATE: Jan. 20, 2023  
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**A-120**

Plot By: amalk File No: TOL081a\_A120.dwg

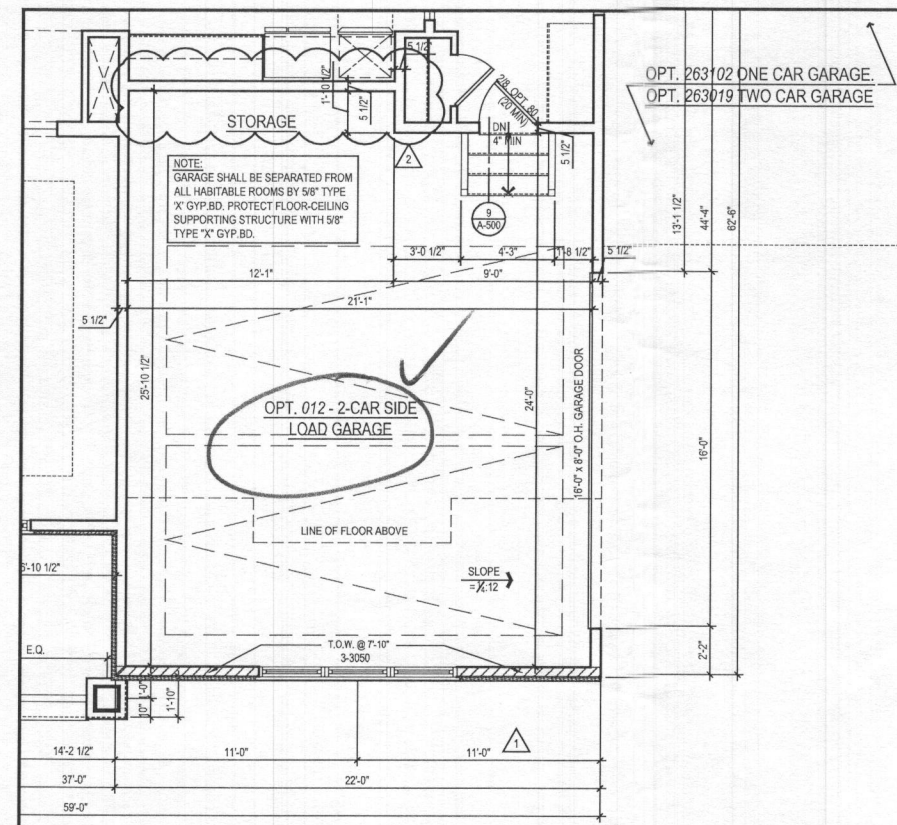


**4 PART. RIGHT SIDE ELEVATION** w/ OPT. 012 - SIDE LOAD GARAGE  
 SCALE: 1/4"=1'-0"  
 TOL081A\_A400.DWG

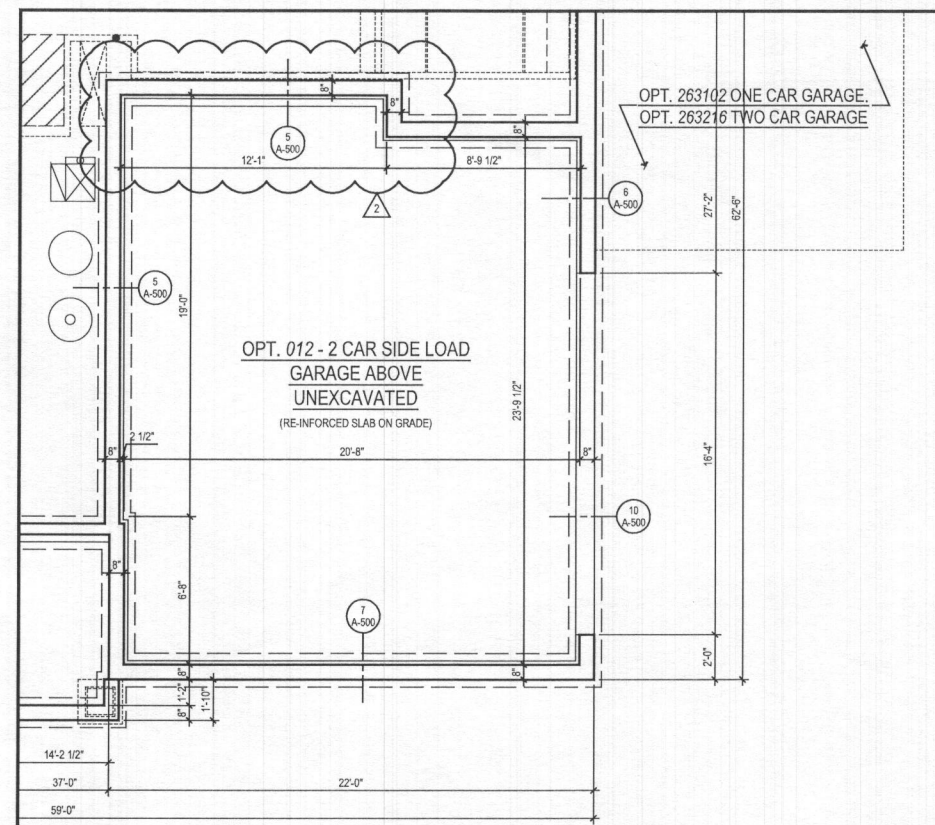


**3 PART. FRONT ELEVATION** w/ OPT. 012 - SIDE LOAD GARAGE  
 SCALE: 1/4"=1'-0"  
 TOL081A\_A400.DWG

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**2 PART. FIRST FLOOR PLAN** w/ OPT. 012 - SIDE LOAD GARAGE  
 SCALE: 1/4"=1'-0"  
 TOL081A\_A400.DWG



**1 PART. BASEMENT FLOOR PLAN** w/ OPT. 012 - SIDE LOAD GARAGE  
 SCALE: 1/4"=1'-0"  
 TOL081A\_A400.DWG

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EXECUTIVE SERIES  
 MARYLAND  
 PARKHURST  
 OPTIONS

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 CHECKED BY: AP  
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**A-400**

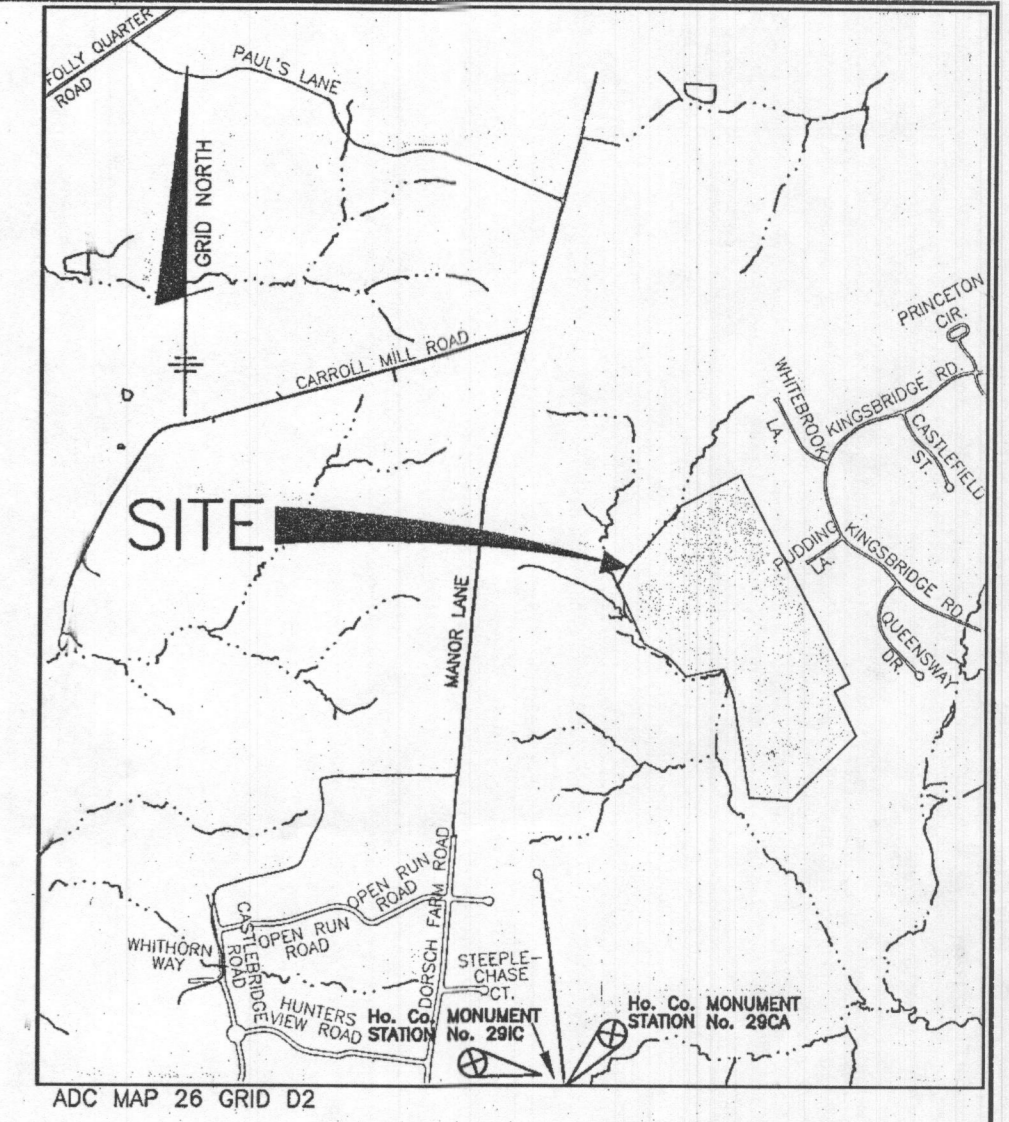
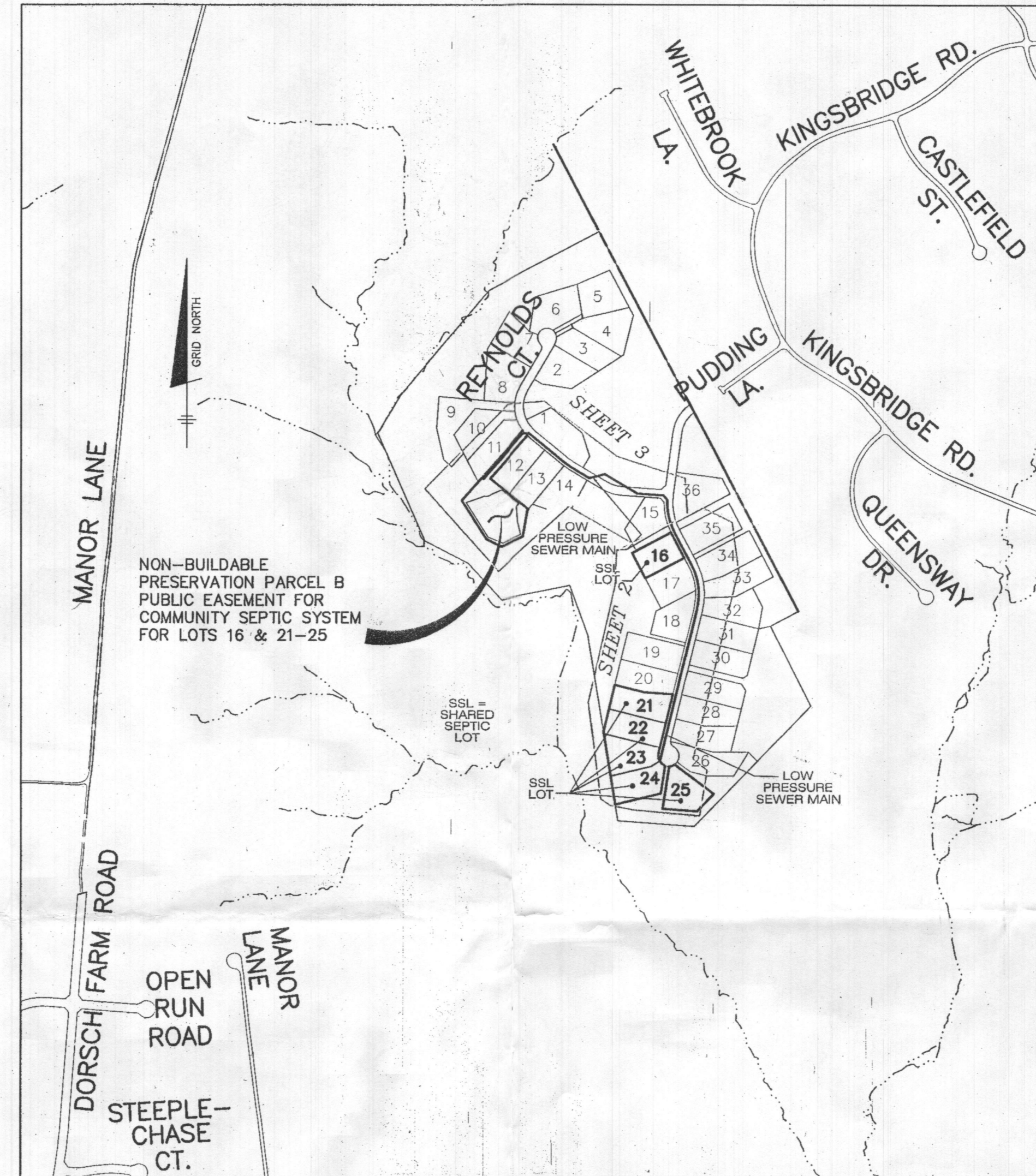


# KINGS FOREST

## FINAL PUBLIC SHARED SEPTIC PLANS

### CONTRACT NO. 50-4866-D

QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUF./SUPPLIER
FLUSHING CONNECTIONS	7			
1.25" LOW PRESSURE LATERAL PIPE	300			
2.0" LOW PRESSURE SEWER SEWER	2,566			
4" PVC SEWER	353			
MANHOLE	2			
3000 GALLON SEPTIC TANK	1			
SIMPLEX GRINDER PUMP	2			
DUPLEX GRINDER PUMP	2			
1/16 HB	1			
1/8 HB	7			
MONITORING WELL	2			
CONC. VAULT w/CONDUCTING ROD	4			
6700 GALLON DOSE TANK	1			
DOSE PUMPS	3			
AIR RELEASE VALVE	1			
4500 GALLON BIO-MICROBICS TANK	1			
3' WIDE TRENCH	1824			
NAME OF UTILITY CONTRACTOR:				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE:				



**VICINITY MAP**  
SCALE: 1" = 2000'

NOTE: ALL JOINTS AND CONNECTIONS LOCATED WITHIN STRUCTURAL FILL AREAS SHALL BE MECHANICALLY RESTRAINED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION)

- SHARED SEPTIC SYSTEM NOTES:**
- WELLS ON THE LOTS SURROUNDING THE COMMON SHARED SEPTIC AREAS SHALL BE TESTED FOR BACKGROUND LEVELS OF CONTAMINANTS TO BE SPECIFIED BY THE DEPARTMENT OF PUBLIC WORKS PRIOR TO PUTTING THE SHARED SEPTIC SYSTEM IN SERVICE.
  - THE BUILDER SHALL INSTALL BACKFLOW PREVENTER AND RELIEF VENT ON THE SEWER SERVICE AT THE HOUSE, AT THE TIME OF THE HOUSE CONSTRUCTION OR AS REQUIRED BY THE PLUMBING INSPECTOR.
  - INSTALLATION OF GRINDER PUMPS AND APPURTENANCES, AND THE 4" PVC SEWER HOUSE CONNECTIONS (SHC) SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
  - ALL PRESSURE SEWER SHALL BE SDR 26 PVC OR HDPE EQUIVALENT. SDR 26 PVC PIPE SHALL BE SOLVENT WELDED EXCEPT PORTIONS WITHIN 50 FEET OF A WELL, IN THOSE INSTANCES THE SEWER SHALL BE HDPE SDR11, A 6 GAUGE TRACER WIRE SHALL BE WRAPPED AROUND OR ATTACHED TO THE PVC PIPE.
  - SEPTIC TANKS SHALL BE VACUUM OR WATER TESTED ON-SITE BY THE MANUFACTURER. SEPTIC TANK SHOP DRAWINGS FROM THE MANUFACTURER SHOULD BE SUBMITTED TO THE HOWARD COUNTY ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO ISSUANCE OF SHARED SEPTIC SYSTEM PERMIT.
  - ALL PRESSURE SEWER IS TO BE PRESSURE TESTED ACCORDING TO THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL NOTIFY HOWARD CO. HEALTH DEPARTMENT AT 410-313-1771 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY PRESSURE TEST OF PRESSURE SEWERS, AND ANY SEPTIC TANKS VACUUM OR WATER TESTING IS PERFORMED.
  - OBSERVATION WELLS TO BE INSTALLED AFTER TRENCH INSTALLATION IS COMPLETED.
  - LOTS WITH "CELLAR NOT SERVICED VIA GRAVITY" IS INDICATED, EJECTOR PUMPS LOCATED INSIDE THE BASEMENT ARE REQUIRED IN ORDER TO SERVICE THE CELLAR, FIRST FLOOR SERVICE IS PROVIDED BY GRAVITY.
  - TRENCH REQUIREMENTS, SEPTIC PRETREATMENT AND TANK CAPACITY IS OBTAINED ON HYDRO-TERRA DESIGN ON SHEETS 9-14.

**LEGEND**

EXISTING STRUCTURE	
PROPOSED STRUCTURE	
SEWAGE DISPOSAL AREA	
PROPOSED WELL BOX	
STREAM	
LOW PRESSURE SEWER (LPS)	
SEPTIC TANK	
DRAINFIELD DIVIDE	
SEPTIC TRENCH	
CONTINUITY TEST STATION (C.T.S.)	
FOREST CONSERVATION EASEMENT	
20% AND GREATER SLOPES	
25% AND GREATER SLOPES	
FENCE LINE	

- DMW2 19-015 DESIGN MANUAL WAIVER DESCRIPTIONS**
- ON APRIL 12, 2019 THE DEPUTY DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS APPROVED A DESIGN MANUAL WAIVER TO DESIGN MANUAL VOLUME II, SECTIONS 4.3.B.3.D.4, 4.5.B.2 AND 4.5.E WHICH REQUIRES ALL SEWER HOUSE CONNECTIONS TO BE INSTALLED AT THE REQUIRED DEPTHS TO PROVIDE GRAVITY SERVICE TO THE CELLAR OF EACH LOT. THE APPROVAL OF THIS WAIVER ALLOWS LOTS 22 AND 34 TO PROVIDE AN EJECTOR PUMP FOR BASEMENT SERVICE.
  - THIS DESIGN MANUAL WAIVER WAS EXPANDED TO INCLUDE A WAIVER OF SECTION 5.4.B.5 FOR THE SEPARATION DISTANCE BETWEEN A STRUCTURE AND A PUBLIC SEWER EASEMENT WHICH WAS APPROVED BY A REVISED APPROVAL LETTER DATED JULY 5, 2019. THE APPROVAL OF THIS WAIVER ALLOWS THE EASEMENT SETBACK REQUIREMENT TO 1.3' AND 4.0' IN TWO SPECIFIED LOCATIONS OF THE STREAM CROSSING WINGWALL FOOTERS.

**LOCATION MAP**  
SCALE: 1" = 600'  
ADC MAP PAGE: 26,  
GRID: D2

**SHEET INDEX**

NO.	TITLE
1	TITLE SHEET
2	PLAN & PROFILE VIEW
3	PLAN & PROFILE VIEW
4	PLAN & PROFILE VIEW
5	PLAN & PROFILE VIEW
6	PERCOLATION TEST RESULTS
7	CONSTRUCTION DETAILS, AND NOTES
8	SITE PLAN AND PFD
9	DRAINFIELD PLAN
10	TREATMENT SYSTEM DETAIL
11	DISTRIBUTION DETAILS

TYPE OF BUILDING:	SFD
NO. OF LOTS/PARCELS/UNITS:	6
NUMBER OF SHC'S:	6
NUMBER OF WHC'S:	NA
DRAINAGE AREA:	LITTLE PATUXENT
WATER ZONE:	NA
TEST GRADIENT:	NA

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER F-19-014.

APPROVED:

APPROVED FOR PRIVATE WATER AND SHARED SEPTIC SYSTEM FOR LOTS 16, 21-25, & NON-BUILDABLE PRESERVATION PARCEL B, AND PRIVATE WATER & SEWER FOR LOTS 1-15, 17-20 & 26-36, BUILDABLE PRESERVATION PARCEL D, NON-BUILDABLE PRESERVATION PARCELS A, B, C & E-1

COUNTY HEALTH OFFICER DATE

**\*\*MAXIMUM NUMBER OF BEDROOMS FOR EACH HOUSE ON LOTS 16, 21-25 SHALL BE FIVE (5).**

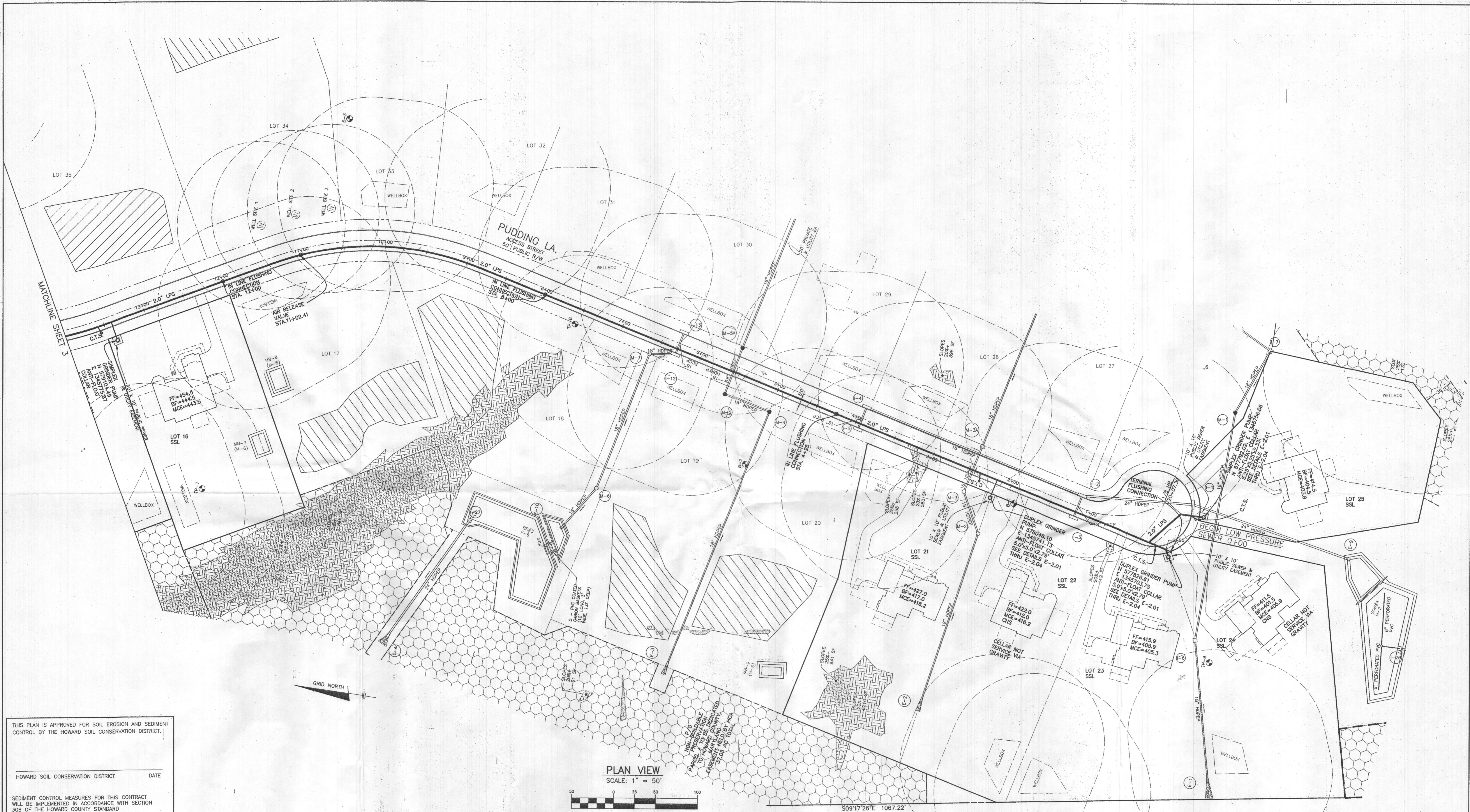
**\*\*ALL SEWAGE GRINDER PUMPS ARE TO BE PUBLICLY OWNED AND MAINTAINED**

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. 45577, Expiration Date: 06-08-2020.

OWNERS: NATALIE ZIEGLER, JONATHAN IAN SCHWARTZ, JESSICA AND SOPHIE ZIEGLER, C/O SOPHIE ZIEGLER, 730 DOLORES STREET, SAN FRANCISCO, CA 94110, 212-877-8897

DEVELOPER: TOLL BROS., INC., 7164 COLUMBIA GATEWAY DRIVE, SUITE 230, COLUMBIA, MD 21046, 410-381-3263

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CHIEF, BUREAU OF UTILITIES DATE	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE	<b>BENCHMARK</b> ENGINEERS • LAND SURVEYORS • PLANNERS <b>ENGINEERING, INC.</b> 8480 BALTIMORE NATIONAL PIKE • SUITE 315 ELLCOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644	DESIGN: JC DRAFT: JC CHK: - DATE: 11-26-19	<b>FINAL PUBLIC SHARED SEPTIC SYSTEM PLANS</b> <b>TITLE SHEET</b>	<b>KINGS FOREST</b> LOTS 16, 21 thru 25 and NON-BUILDABLE PRESERVATION PARCEL 'B' SCALE: AS SHOWN SHEET NO. 1 OF 11
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THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

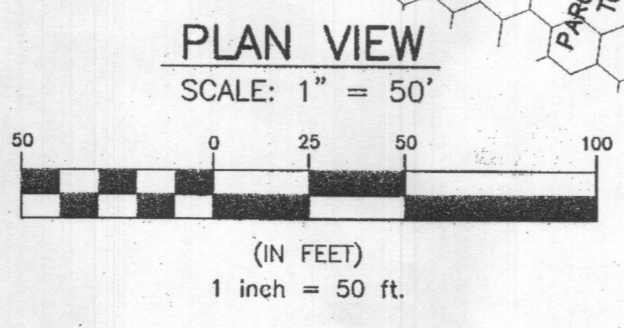
HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 303 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER F-19-014.

APPROVED:  
APPROVED FOR PRIVATE WATER AND SHARED SEPTIC SYSTEM FOR LOTS 16, 21-25, & NON-BUILDABLE PRESERVATION PARCEL B, AND PRIVATE WATER & SEWER FOR LOTS 1-15, 17-20 & 26-36, BUILDABLE PRESERVATION PARCEL D, NON-BUILDABLE PRESERVATION PARCELS A, B, C & E-1

COUNTY HEALTH OFFICER DATE

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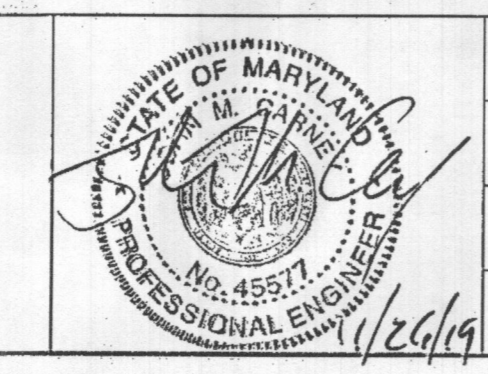
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OWNERS: NATALE ZIEGLER, 4289 MANOR LANE, ELLICOTT CITY, MARYLAND 21042  
 DEVELOPER: TOLL BROS., INC., 7164 COLUMBIA GATEWAY DRIVE, SUITE 230, COLUMBIA, MD 21046, 410-381-3263  
 JONATHAN IAN SCHWARTZ, JESSICA AND SOPHIE ZIEGLER, C/O SOPHIE ZIEGLER, 730 DOLORES STREET, SAN FRANCISCO, CA 94110, 212-877-8697

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**BENCHMARK**  
ENGINEERS • LAND SURVEYORS • PLANNERS  
ENGINEERING, INC.  
8480 BALTIMORE NATIONAL PIKE & SUITE 315  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644



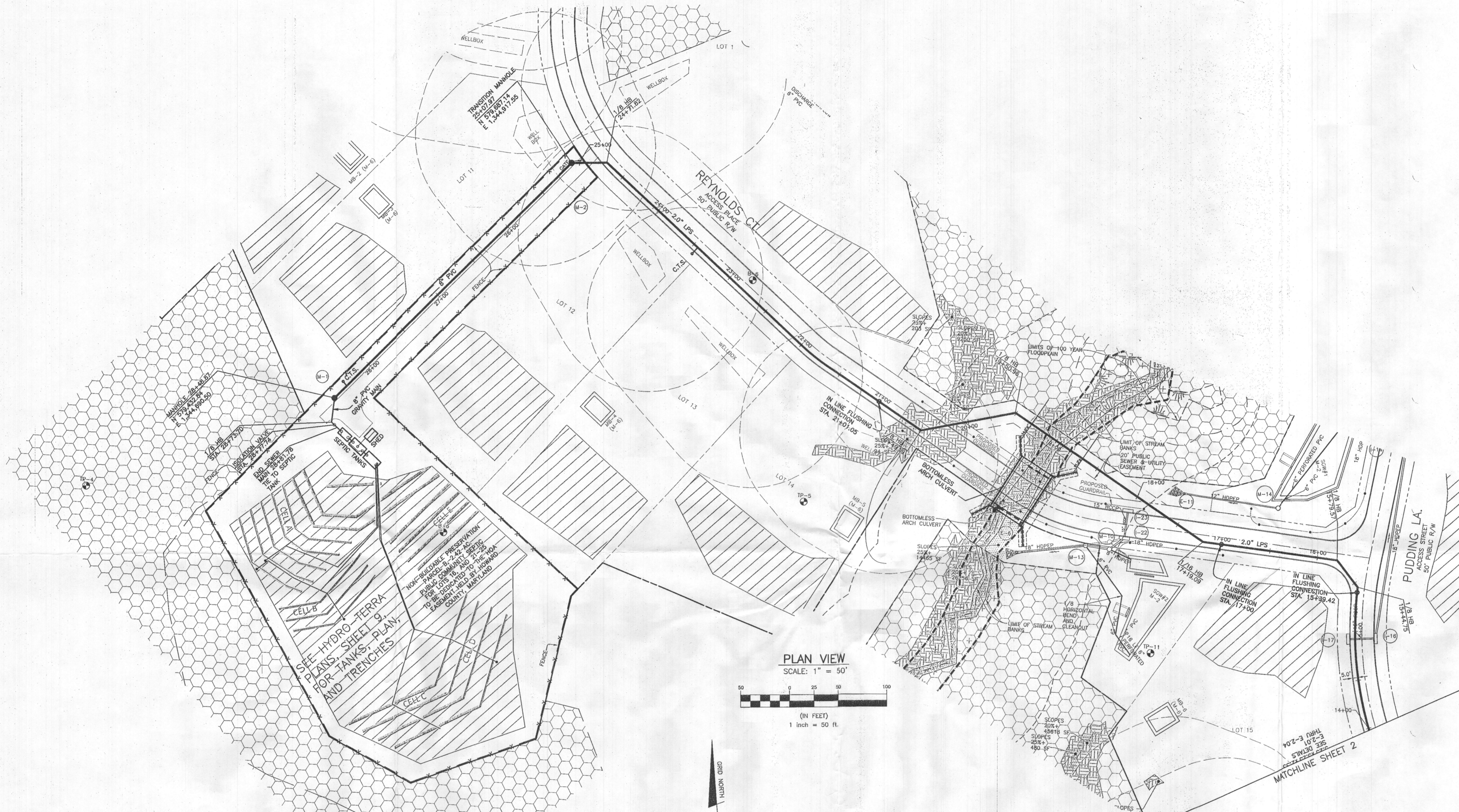
DESIGN: JC			
DRAFT: JC			
CHK: -			
DATE: 11-26-19	BY NO.	REVISIONS	DATE

**FINAL PUBLIC SHARED SEPTIC SYSTEM PLANS  
PLAN & PROFILE**  
600 SCALE MAP No.: 23 BLOCK: 23 200 SCALE MAP No.:

**KINGS FOREST**  
LOTS 16, 21 thru 25 and  
NON-BUILDABLE PRESERVATION PARCEL 'B'  
TX MAP: 23 - BLOCK: 23 - PARCEL: 148 - ZONED: RC-DEO - ELECTION DISTRICT: 2  
**CONTRACT NO. 50-4866-D**

SCALE: AS SHOWN  
SHEET NO. 2 OF 11

J:\5041 Carroll-Ziegler Parcel Rpt\fig\6000 revision in process.dwg, 11/26/2019 8:42:40 AM



PLAN VIEW  
SCALE: 1" = 50'  
(IN FEET)  
1 inch = 50 ft.

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT \_\_\_\_\_ DATE \_\_\_\_\_

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 30B OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER F-19-014.

APPROVED:  
APPROVED FOR PRIVATE WATER AND SHARED SEPTIC SYSTEM FOR LOTS 16, 21-25, & NON-BUILDABLE PRESERVATION PARCEL B, AND PRIVATE WATER & SEWER FOR LOTS 1-15, 17-20 & 28-36, BUILDABLE PRESERVATION PARCEL D, NON-BUILDABLE PRESERVATION PARCELS A, B, C & E-1

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

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OWNERS: NATALE ZIEGLER, 4288 MANOR LANE, ELLICOTT CITY, MARYLAND 21042

DEVELOPER: TOLL BROS., INC., 7164 COLUMBIA GATEWAY DRIVE, SUITE 230, COLUMBIA, MD 21046, 410-381-3263

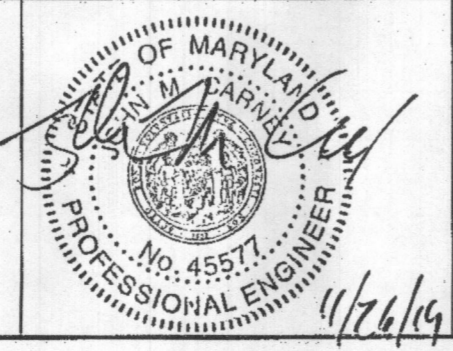
DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES \_\_\_\_\_ DATE \_\_\_\_\_

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION \_\_\_\_\_ DATE \_\_\_\_\_

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE A SUITE 315  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-8105 FAX: 410-465-8644



DESIGN: JC			
DRAFT: JC			
CHK: -			
DATE: 11-26-19	BY NO.	REVISIONS	DATE

**FINAL PUBLIC SHARED SEPTIC SYSTEM PLANS  
PLAN & PROFILE**

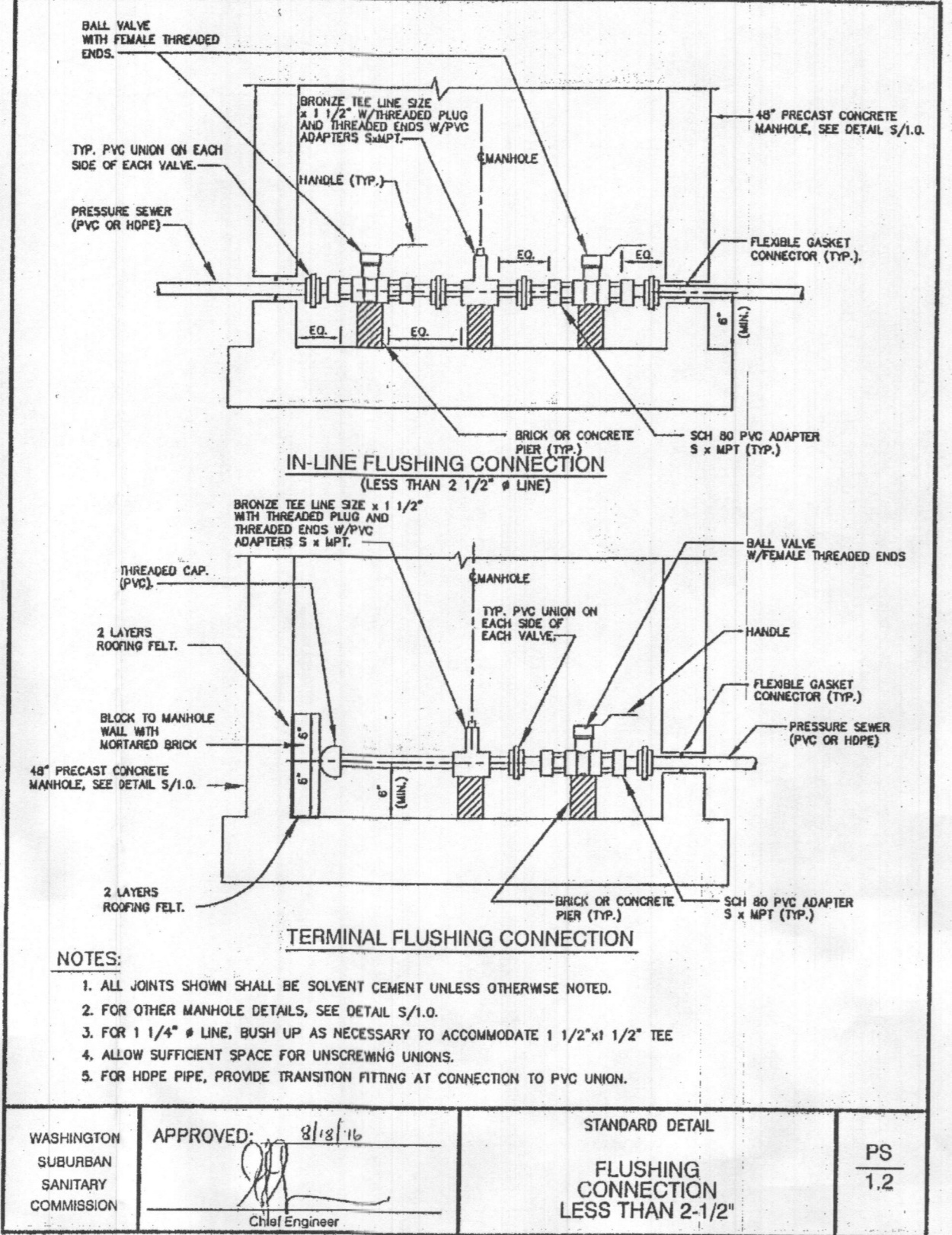
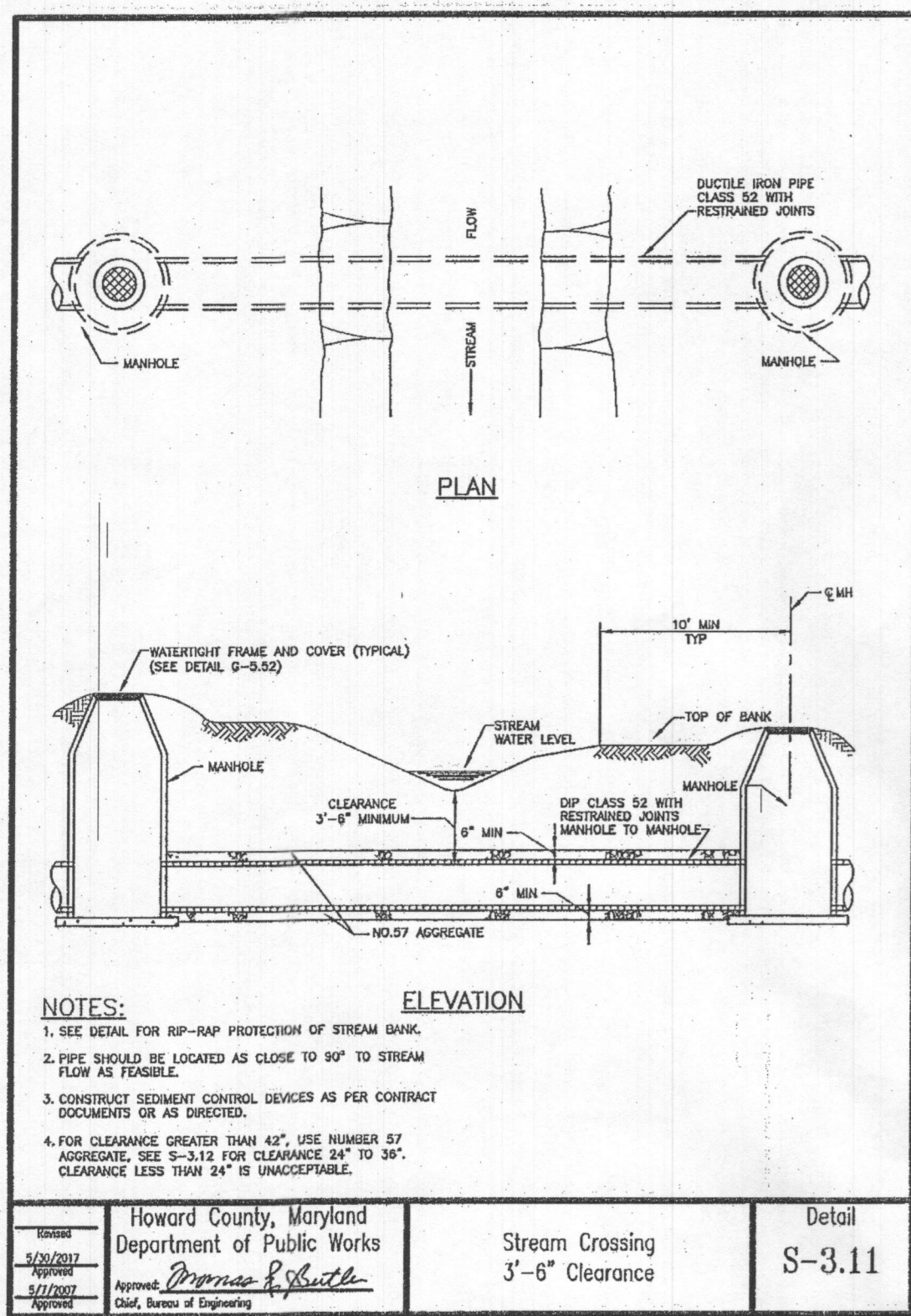
600 SCALE MAP No.: 23 BLOCK: 23 200 SCALE MAP No.:

**KINGS FOREST**  
LOTS 16, 21 thru 25 and  
NON-BUILDABLE PRESERVATION PARCEL 'B'  
TAX MAP: 23 - BLOCK: 23 - PARCEL: 148 - ZONED: RC-DEO - ELECTION DISTRICT: 2  
**CONTRACT NO. 50-4866-D**

SCALE:  
AS SHOWN

SHEET NO.  
3 OF 11

1/25/2019 Carol-Ziegler Parcel Kdshg6000 revision in process.dwg, 11/26/2019 12:06:27 PM



NOTES:  
 1. SEE DETAIL FOR RIP-RAP PROTECTION OF STREAM BANK.  
 2. PIPE SHOULD BE LOCATED AS CLOSE TO 90° TO STREAM FLOW AS FEASIBLE.  
 3. CONCRETE SEGMENT CEMENTS SHOULD BE AS PER CONTRACT DOCUMENTS OR AS DIRECTED.  
 4. FOR CLEARANCE GREATER THAN 42", USE NUMBER 57 AGGREGATE. SEE 9-31.5 FOR CLEARANCE 24" TO 30". CLEARANCE LESS THAN 24" IS UNACCEPTABLE.

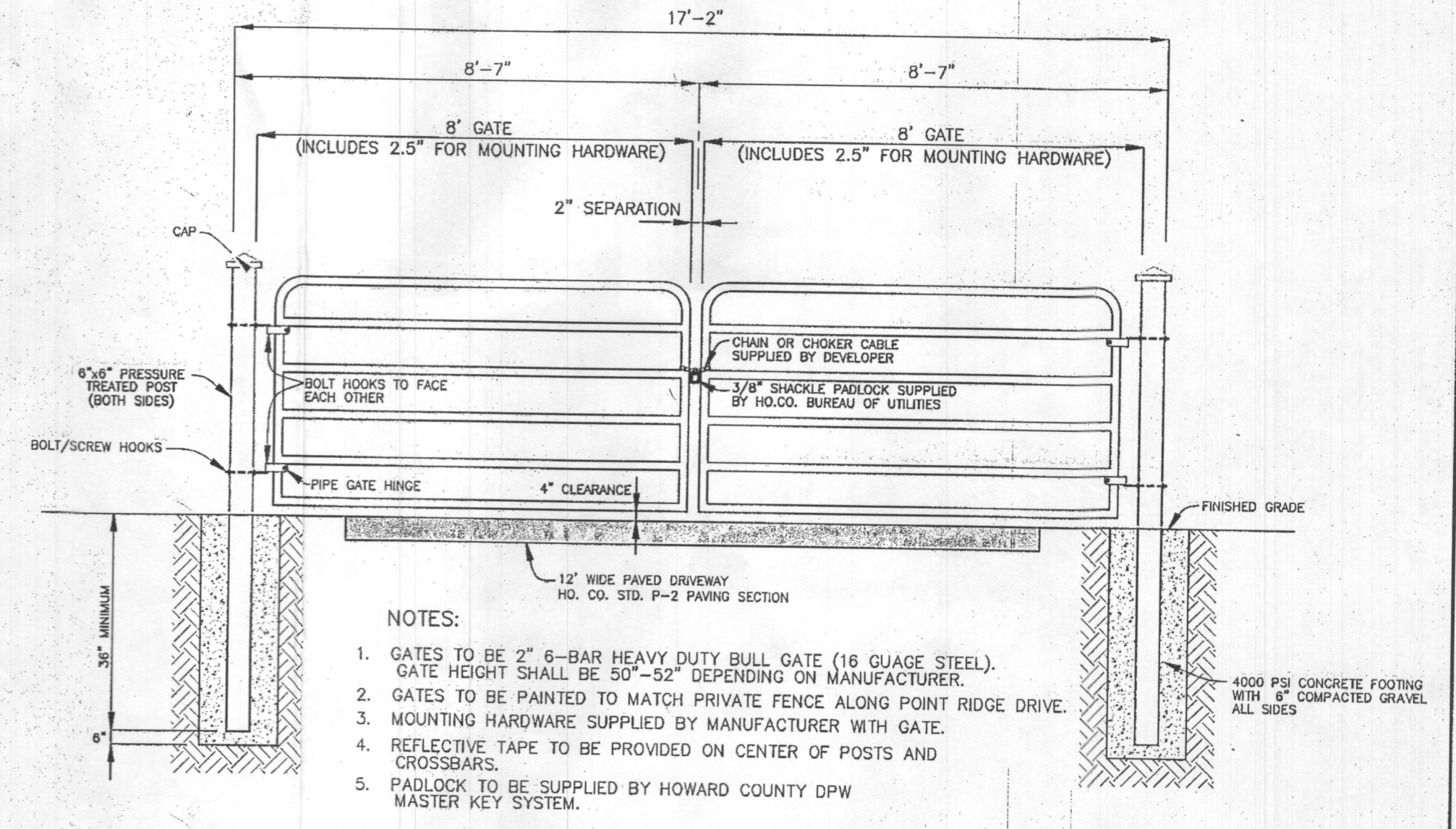
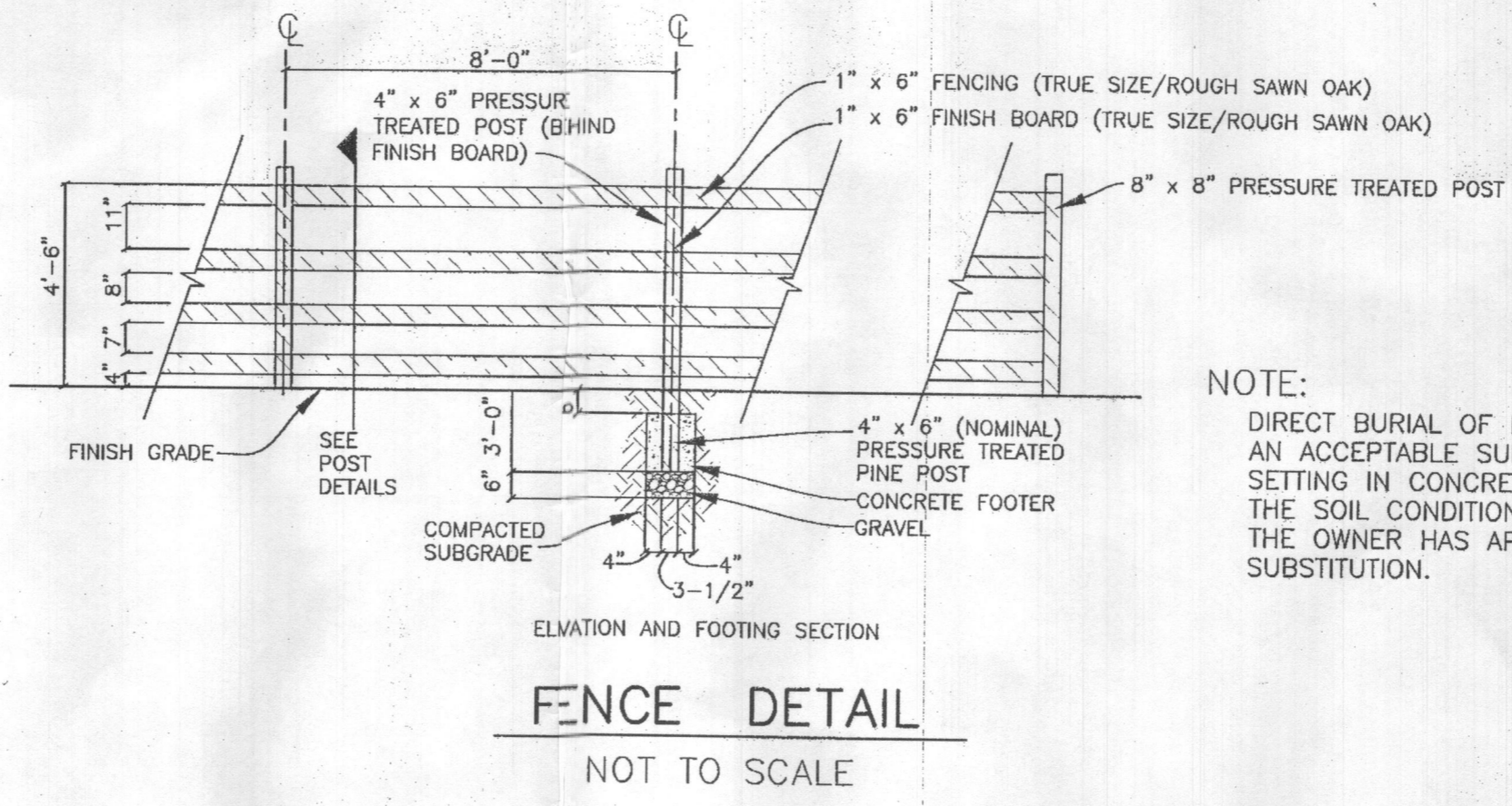
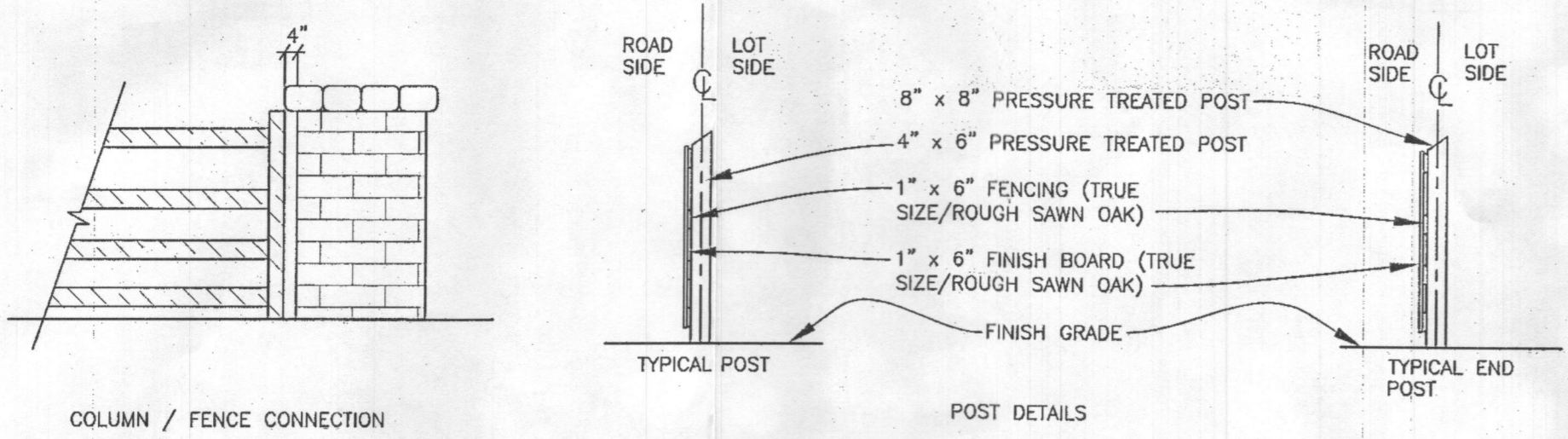
Howard County, Maryland  
 Department of Public Works  
 Stream Crossing  
 3'-6" Clearance  
 Detail  
 S-3.11

NOTES:  
 1. ALL JOINTS SHOWN SHALL BE SOLVENT CEMENT UNLESS OTHERWISE NOTED.  
 2. FOR OTHER MANHOLE DETAILS, SEE DETAIL S/1.0.  
 3. FOR 1 1/4" # LINE, BUSH UP AS NECESSARY TO ACCOMMODATE 1 1/2" x 1 1/2" TEE.  
 4. ALLOW SUFFICIENT SPACE FOR UNDERDRIVING UNIONS.  
 5. FOR HDPE PIPE, PROVIDE TRANSITION FITTING AT CONNECTION TO PVC UNION.

WASHINGTON SUBURBAN SANITARY COMMISSION  
 APPROVED: [Signature]  
 STANDARD DETAIL  
 FLUSHING CONNECTION  
 LESS THAN 2-1/2"  
 PS 1.2  
 PS12

LOTS	TOP ELEV.	GRINDER PUMP BASIN BOTTOM ELEV.	DEPTH	INLET ELEV.	DISCHARGE ELEV.	ANTI-FLOAT VOLUME	ANTI-FLOAT DIMENSIONS	REMARKS
16	446.8	436.8	10.00' (120")	440.9	444.3	44.27 C.F.	5.25'x5.25'x2.33'	HO. CO. STANDARD SIMPLEX
21 & 22	418.1	408.1	10.00' (120")	412.0	415.6	45.34 C.F.	5.0'x5.0'x2.79'	HO. CO. STANDARD DUPLEX
23 & 24	408.0	398.0	10.00' (120")	402.0	405.5	45.34 C.F.	5.0'x5.0'x2.79'	HO. CO. STANDARD DUPLEX
25	406.5	396.5	10.00' (120")	400.0	404.0	44.27 C.F.	5.25'x5.25'x2.33'	HO. CO. STANDARD SIMPLEX

NOTE: SEE MANUFACTURER'S MANUAL FOR GRINDER PUMP INSTALLATION REQUIREMENT, PROCEDURE, AND ELECTRICAL CONNECTION.



THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE

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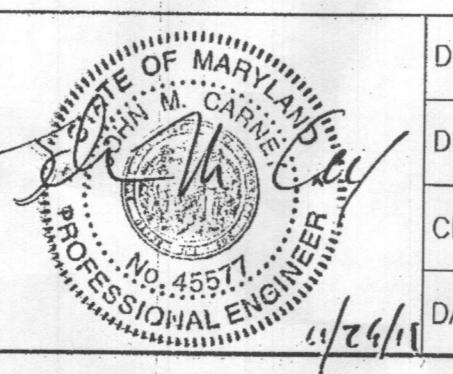
DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**BENCHMARK ENGINEERING, INC.**  
 ENGINEERS • LAND SURVEYORS • PLANNERS  
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 PHONE: 410-465-8105 FAX: 410-465-8644



DESIGN: JC			
DRAFT: JC			
CHK: -			
DATE: 11-26-19	BY NO.	REVISIONS	DATE

**FINAL PUBLIC SHARED SEPTIC SYSTEM PLANS  
 CONSTRUCTION DETAILS,  
 AND NOTES**

600 SCALE MAP No.: 23 BLOCK: 23 200 SCALE MAP No.:

**KINGS FOREST**  
 LOTS 16, 21 thru 25 and  
 NON-BUILDABLE PRESERVATION PARCEL 'B'  
 TX MAP: 23 - BLOCK: 23 - PARCEL: 148 - ZONED: RC-DEO - ELECTION DISTRICT: 2

**CONTRACT NO. 50-4866-D**

SCALE:  
 AS SHOWN

SHEET NO.  
 7 OF 11