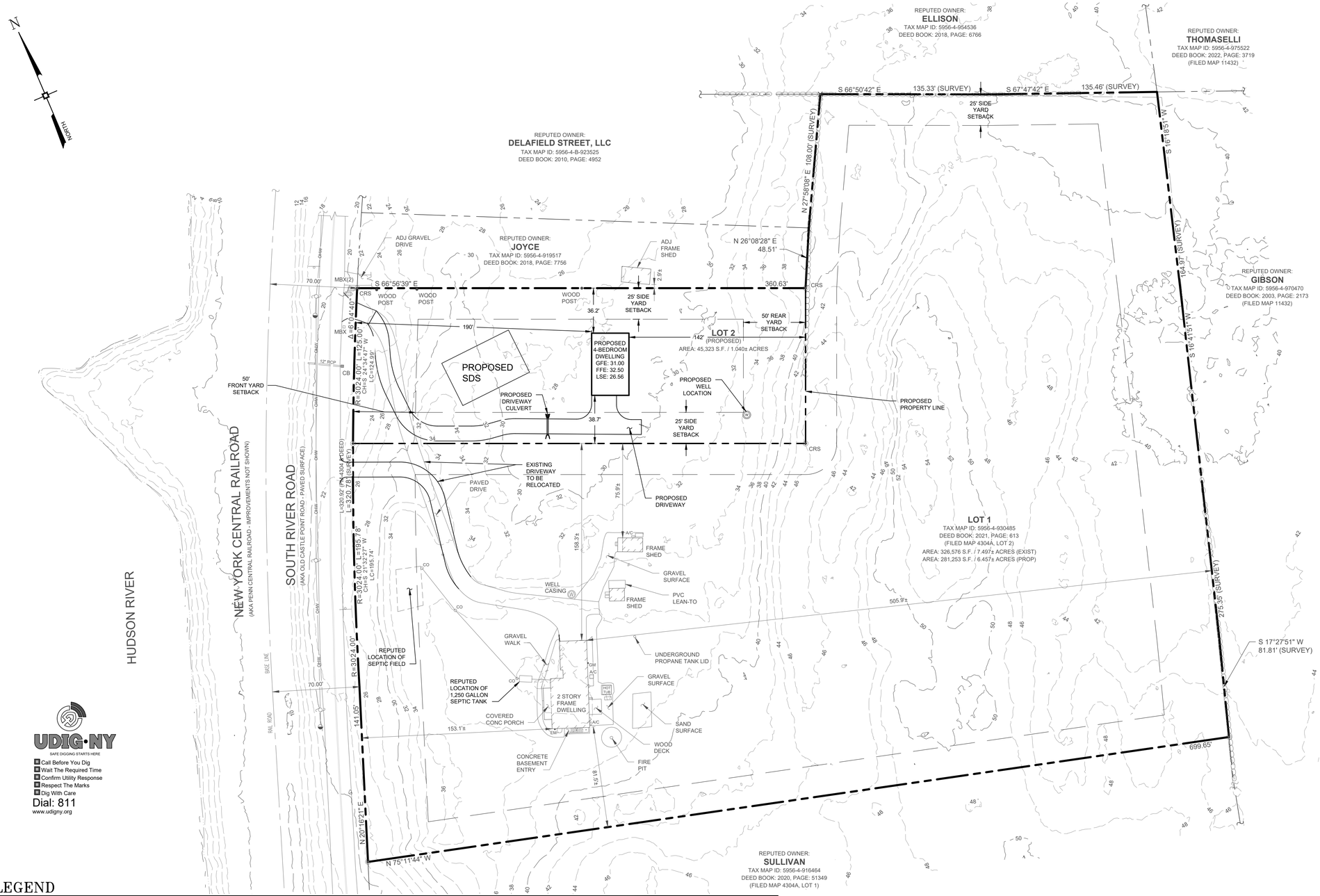

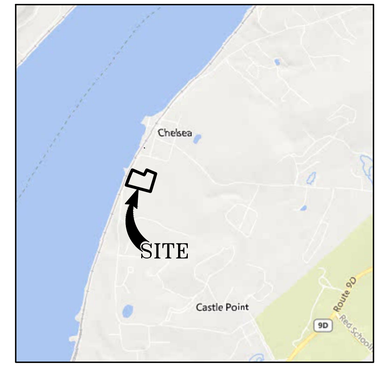

LOCATION MAP

SCALE: 1" = 2,000'

GENERAL NOTES

1. TAX MAP IDENTIFICATION NUMBER: SECTION 5956, BLOCK 4, LOT 930485
2. TOTAL AREA OF SUBJECT PARCEL: 7.497± ACRES.
3. BOUNDARY AND PLANIMETRIC INFORMATION BASED UPON FIELD SURVEY AS PERFORMED BY ENGINEERING & SURVEYING PROPERTIES, PC ON MARCH 28, 2018.
4. THE TOPOGRAPHY SHOWN HEREON WAS COMPILED FROM A USGS 1M HYDRO-FLATTENED DIGITAL ELEVATION MODEL (DEM) AS DERIVED FROM 2014 SOURCE LIDAR TO MEET THE MINIMUM STANDARD SET FORTH BY AMERICAN SOCIETY FOR PHOTOGRAMMETRY AND REMOTE SENSING (ASPRS) FOR USE AS 2FT CONTOURS. THE DEM WAS ACQUIRED AT ORTHOS.DHSES.NY.GOV. CONTOURS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
5. OWNER/APPLICANT: JOSEPH AND CARLIN FLYNN
   340 RIVER ROAD SOUTH
   WAPPINGER FALLS, NY 12590
6. PROPOSED NUMBER OF LOTS: 2
7. DUE TO THE PROXIMITY OF THE PROJECT SITE TO A KNOWN NORTHERN LONG-EARED BAT HIBERNACULUM, ANY TREE CUTTING OR REMOVAL SHALL OCCUR WITHIN THE APPROPRIATE TIME OF YEAR WORK WINDOW, NOVEMBER 1ST THROUGH MARCH 31ST, TO AVOID DIRECT IMPACTS TO INDIVIDUALS AND THE NEED FOR AN ARTICLE 11 TAKE PERMIT.
8. DUE TO THE PROXIMITY OF THE PROJECT SITE TO A KNOWN INDIANA BAT HIBERNACULUM, ANY TREE CUTTING OR REMOVAL SHALL OCCUR WITHIN THE APPROPRIATE TIME OF YEAR WORK WINDOW, OCTOBER 1ST THROUGH MARCH 31ST, TO AVOID DIRECT IMPACTS TO INDIVIDUALS AND THE NEED FOR AN ARTICLE 11 TAKE PERMIT.

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LEGEND

- BUILDING LINE
- BUILDING GARAGE LINE
- BUILDING ROOF LINE
- CONCRETE PAD LINE
- CONCRETE HATCH
- 310 MAJOR CONTOUR LINE
- 422 MINOR CONTOUR LINE
- LIMIT OF DISTURBANCE LINE
- DRIVEWAY LINE
- EASEMENT LINE
- SILT FENCE LINES
- X—X—X—X—X—X FENCE LINES
- GUIDERAIL LINES
- PROPERTY LINE
- ROAD CENTERLINE
- EDGE OF PAVEMENT LINE
- SEPTIC SYSTEM LATERALS
- BUILDING SETBACK LINES
- FM—FM—FM—FM—FM SEWER FORCE MAIN LINES
- DRAINAGE SWALE
- EXISTING BUILDING LINE
- 310 EXISTING MAJOR CONTOUR LINE
- 422 EXISTING MINOR CONTOUR LINE
- EXISTING CURB LINE
- EXISTING EDGE OF PAVEMENT LINE
- EXISTING EASEMENT LINE
- X—X—X—X—X—X EXISTING FENCE LINES
- ADJACENT PROPERTY LINE
- EXISTING PROPERTY LINE
- EXISTING ROAD CENTERLINE
- EXISTING STORM DRAIN LINES
- 19 + 00 ROAD STATIONING LABEL
- GF = 286.25 GARAGE FLOOR ELEVATION
- FF = 288.25 FIRST FLOOR ELEVATION
- BF = 278.25 BASEMENT FLOOR ELEVATION
- LSE = 284.25 LOWEST SEWERABLE ELEVATION
- × 455.78 HP SPOT GRADE ELEVATION
- 7/15/03 A PERC TEST LOCATION
- 2-A DEEP TEST HOLE LOCATION
- WELL LOCATION
- C.O. SEWER CLEANOUT
- STORM DRAINAGE PIPE END SECTION
- 6 HOLE DROP BOX
- (P) PUMP CHAMBER
- 1250 GALLON SEPTIC TANK
- END SECTION RIP-RAP OUTLET PROTECTION

No.	DATE	DESCRIPTION

DRAWING STATUS	ISSUE DATE: 04/23/2026		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		
☐ CONCEPT APPROVAL	N/A	OF	N/A
☑ PLANNING BOARD APPROVAL	2	OF	7
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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1 inch = 40 ft.

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SUBDIVISION PLAN

JOSEPH W. & CARLIN D. FLYNN
340 SOUTH RIVER ROAD
TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

JOB #:	1248.03	DRAWN BY:	SC
DATE:	04/23/2026	SCALE:	1"=40'
REVISION:	0	TAX LOT:	5956-4-930485

C-101

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☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

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1248.03	SC	C-102
DATE: 04/23/2026	SCALE: 1"=40'	
REVISION: 0	TAX LOT: 5956-4-930485	

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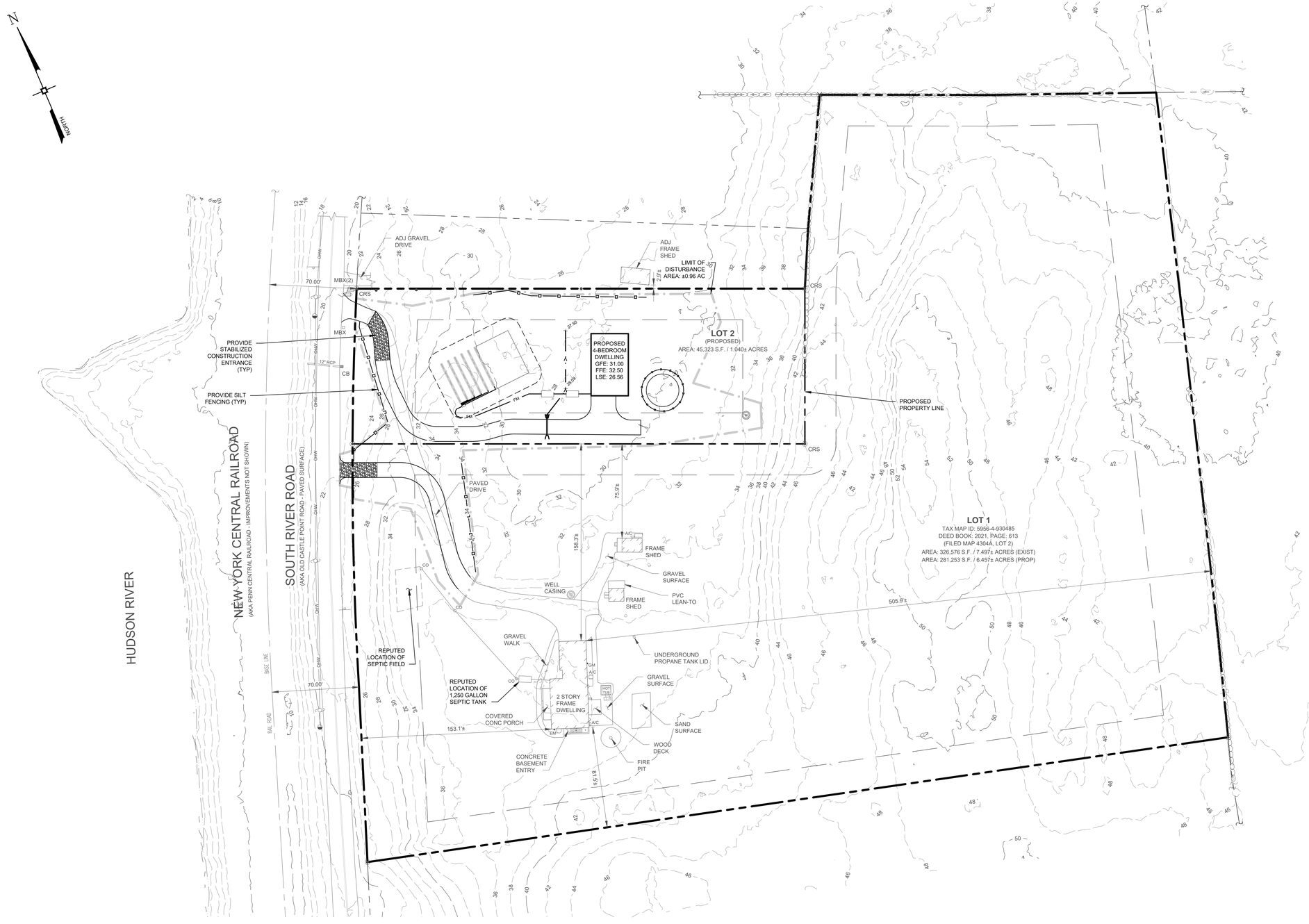

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☑ PLANNING BOARD APPROVAL	4	OF	7
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☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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340 SOUTH RIVER ROAD
TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

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04/23/2026	1"=40'	
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0	5956-4-930485	

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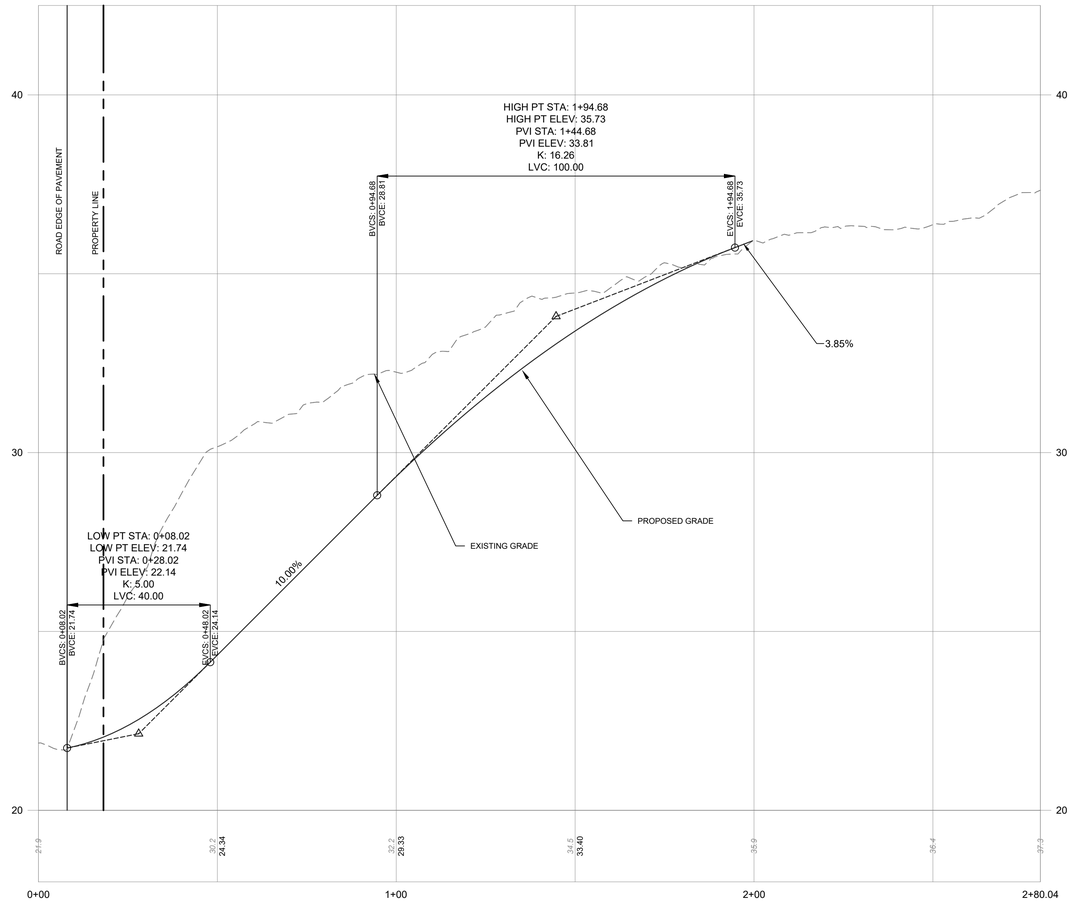
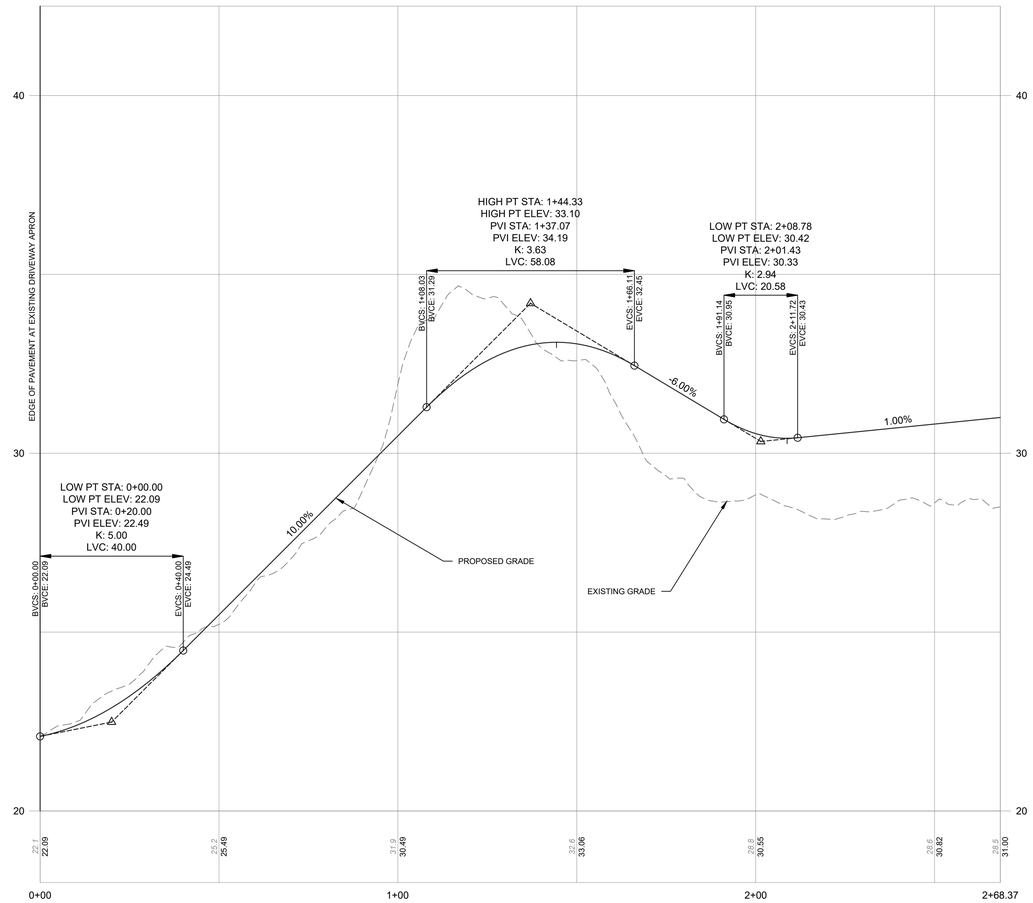


LOT 1 DRIVEWAY PROFILE

SCALE: 1"=20'H
1"=2'V



LOT 2 DRIVEWAY PROFILE

SCALE: 1"=20'H
1"=2'V

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☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
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DATE: 04/23/2026	SCALE: 1"=20'	
REVISION: 0	TAX LOT: 5956-4-930485	

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DUTCHESS COUNTY DEPARTMENT OF HEALTH STANDARD NOTES

1. THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:
   - "APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
   - "NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS", NYSDEC
   - "RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS, DESIGN HANDBOOK", NEW YORK STATE DEPARTMENT OF HEALTH.
   - "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT", NEW YORK STATE DEPARTMENT OF HEALTH.
   - "NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."
   - "DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."
   - "DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER."
2. THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES; AND, AS A CONDITION OF THIS APPROVAL, A CONSTRUCTION INSPECTION BY A REPRESENTATIVE OF THE DC EHSD SHALL BE DONE TO DETERMINE THAT CONSTRUCTION AT THE TIME OF INSPECTION WAS COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS AND ANY AMENDMENT THEREOF.
3. APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF 5 YEARS FROM THE DATE OF APPROVAL, FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.
4. THE DC EHSD SHALL BE CONTACTED PRIOR TO THE COMMENCEMENT OF THE HOME CONSTRUCTION AND/OR ISSUANCE OF A BUILDING PERMIT FOR A PRE-CONSTRUCTION INSPECTION TO ENSURE THAT THE ARRANGEMENTS FOR WATER SUPPLY AND SEWAGE DISPOSAL ARE COMMENCED IN ACCORDANCE WITH THE APPROVED PLANS AND AMENDMENTS THERETO AND GENERALLY ACCEPTED STANDARDS.
5. ALL WELLS AND ONSITE WASTEWATER TREATMENT SYSTEMS, EXISTING OR APPROVED, LOCATED WITHIN 300 FEET OF THE PROPOSED WELLS AND ONSITE WASTEWATER TREATMENT SYSTEM ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE ONSITE WASTEWATER TREATMENT SYSTEM AND WELL.
6. IF THE TANK IS DELIVERED TO THE SITE IN SECTIONS, THEN IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DC EHSD FIELD INSPECTOR AND/OR DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE TANK MUST ALSO MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL AND SAFETY STANDARDS.
7. THE PROPOSED WELL AND SERVICE LINES AS SHOWN ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.
8. NO CELLAR, FOOTING, FLOOR, GARAGE, OR ROOF DRAINS SHALL BE DISCHARGED INTO THE ONSITE SEWAGE DISPOSAL SYSTEM OR WITHIN 50' OF THE PROPOSED WELL.
9. ALL REQUIRED EROSION & SEDIMENT CONTROL AND ANY STORMWATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.

DUTCHESS COUNTY DEPARTMENT FILL SYSTEM NOTES

1. SEPTIC FILL SPECIFICATION: SAND & GRAVEL WITH A STABILIZED PERCOLATION RATE WHICH IS LESS THAN OR EQUIVALENT TO THE PERCOLATION RATE OF THE VIRGIN SOIL (MUST BE BETWEEN 1 & 5 MINUTES PER INCH AFTER INSTALLATION).
2. A NEW YORK STATE REGISTERED PROFESSIONAL ENGINEER SHALL CERTIFY IN WRITING TO THE DUTCHESS COUNTY DEPARTMENT OF HEALTH THAT THE FILL MATERIAL IS IN THE PROPER LOCATION, OF PROPER QUANTITY AND DIMENSIONS, AND OF PROPER QUALITY. PROPER QUALITY MUST BE DEMONSTRATED BY STABILIZED PERCOLATION TESTS, THE RESULTS OF WHICH SHALL BE SUBMITTED WITH THE PROFESSIONAL ENGINEER'S CERTIFICATION.
3. PRIOR TO THE PLACEMENT OF FILL, THE AREA OF THE SEWAGE DISPOSAL SYSTEM SHALL BE CLEARED OF DEBRIS, AND ALL BRUSH, TREES, OR OTHER VEGETATION CUT TO A LEVEL OF THE VIRGIN GROUND. NO TOPSOIL SHALL BE REMOVED UNLESS SPECIFICALLY INDICATED ON THE PLANS.

DEEP TEST HOLE RESULTS

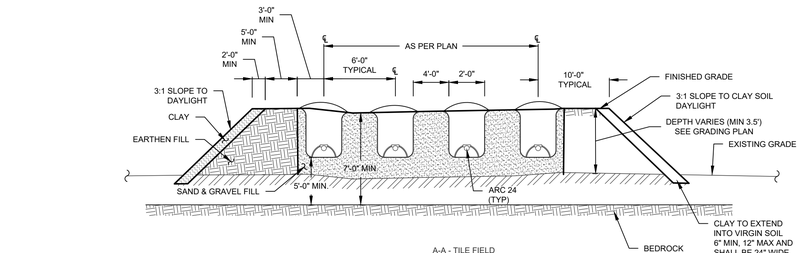
TEST HOLE #	DATE	DEPTH	DESCRIPTION
TP-1	03/25/25	0" - 6" 6" - 12" 12" - 14 / 26"	TOPSOIL WITH SHALL FRAGMENTS BROWN SILT LOAM WITH RIPPABLE SHALE RIPPABLE SHALE ROCK LEDGE VARIES BETWEEN 14" - 26", NO GROUNDWATER, NO MOTTLING
TP-2	03/25/25	0" - 6" 6" - 12" 12" - 46" OTHER	TOPSOIL WITH SHALL FRAGMENTS BROWN SILT LOAM WITH RIPPABLE SHALE RIPPABLE SHALE ROCK LEDGE AT 46", NO GROUNDWATER, NO MOTTLING
TP-3	03/25/25	0" - 6" 6" - 12" 12" - 40" OTHER	TOPSOIL WITH SHALL FRAGMENTS BROWN SILT LOAM WITH RIPPABLE SHALE RIPPABLE SHALE ROCK LEDGE AT 50", NO GROUNDWATER, NO MOTTLING
TP-4	03/25/25	0" - 6" 6" - 12" 12" - 40" OTHER	TOPSOIL WITH SHALL FRAGMENTS BROWN SILT LOAM WITH RIPPABLE SHALE RIPPABLE SHALE ROCK LEDGE AT 40", NO GROUNDWATER, NO MOTTLING

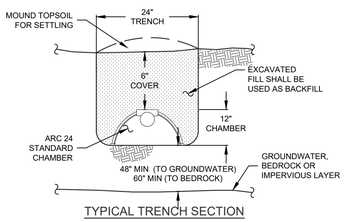
PERCOLATION TEST RESULTS

PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME	PERCOLATION TEST RUNS - STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)				STABLIZED RATE
03/25/25 PT-01	18"	12"	FINISH					6 MIN
			START	STOPWATCH USED FOR TIMED INTERVALS				
			TIME	00:04:56	00:05:07	00:05:23		
03/25/25 PT-02	24"	12"	FINISH					12 MIN
			START	STOPWATCH USED FOR TIMED INTERVALS				
			TIME	00:09:39	00:11:01	00:11:38		

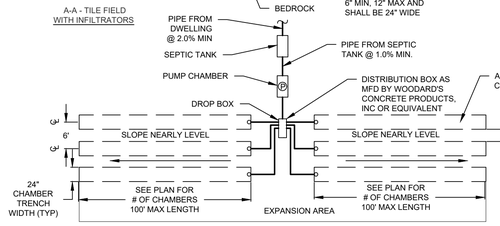
SEPTIC SYSTEM DESIGN SCHEDULE

STABILIZE PERC RATE (min)	FLOW RATE (GPD)	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft) (BASED UPON 2' WIDE TRENCH)	REQUIRED FIELD LENGTH BASED USING GRAVELESS CHAMBERS (25% REDUCTION)	PROPOSED ABSORPTION FIELD LENGTH (ft)	MINMUM FILL DEPTH (ft)
12	440	0.80	550	275	207	42 UNITS = 210 EQ. LF.	4





TYPICAL TRENCH SECTION

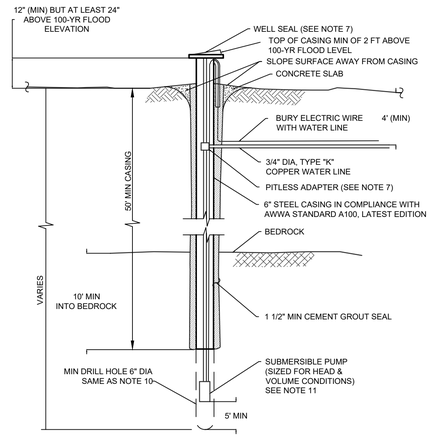


PLAN VIEW
INFILTRATOR SYSTEM

NOTES:
1. ALL FILL SHALL BE WITNESSED BY THE DESIGN ENGINEER OR ITS REPRESENTATIVE TO FACILITATE CERTIFICATION OF THE FILL MATERIAL.
2. THE SAND AND GRAVEL FILL SHALL HAVE A PERCOLATION RATE OF 1"-5" PER MINUTE AFTER BEING PLACED.
3. ADDITIONAL PERCOLATION TESTS SHALL BE REQUIRED TO BE COMPLETED AFTER THE COMPLETION OF THE PLACEMENT OF FILL.
4. THE SAND AN GRAVEL SHALL BE MECHANICALLY COMPACTED IN 6" LAYERS AND IN A MANOR NOT TO OVER COMPACT THE FILL MATERIAL.
5. ADDITIONAL DEEP TESTS SHALL BE REQUIRED TO BE COMPLETED AFTER THE COMPLETION OF THE PLACEMENT OF THE FILL.
6. PRIOR TO PLACEMENT OF ANY FILL, THE SEPTIC AREA SHALL BE CLEARED OF DEBRIS AND ALL BRUSH, TREES, AND/OR OTHER VEGETATION SHALL BE CUT TO THE LEVEL OF VIRGIN GROUND.
7. NO TOPSOIL SHALL BE REMOVED FROM THE PROPOSED SEPTIC AREA UNLESS SPECIFICALLY NOTED ON THE PLANS.
8. THE SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE DWELLING.
9. THERE SHALL BE NO REGRADING, IN THE AREA OF THE SEPTIC AREA, EXCEPT AS SHOWN ON THE APPROVED PLANS.
10. SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED OVER ABSORPTION FIELDS.
11. ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL PIPES AND COVERS.
12. NO TRENCHES TO BE INSTALLED IN WET OR FROZEN SOIL.
13. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING CHAMBERS IN ABSORPTION TRENCH.
14. GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP BOX.
15. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "NEW YORK STATE 10NYCRR APPENDIX 75-A AND DUTCHESS COUNTY DEPARTMENT OF HEALTHS ADAPTATION OF APPENDIX 75-A ENTITLED "MODULE 1".
16. ABSORPTION CHAMBER TO BE CAPPED AT ENDS.
17. PROVIDE A MINIMUM OF 30" OF SOLID PIPE PRIOR TO START OF LEACHING CHAMBERS AND BE BACKFILLED WITH NATIVE MATERIAL.
18. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
19. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO TO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
20. A POLICY OF CLEAN SCRAPING ANY SOLIDS FROM THE WASTE STREAM BEFORE DISCHARGE INTO THE DISPOSAL SYSTEM IS REQUIRED. USE OF GARBAGE GRINDERS WITHIN THE FACILITY SHALL REQUIRE THE REVIEW AND APPROVAL OF THE NYSDEC AND DUTCHESS COUNTY DEPARTMENT OF HEALTH.
21. ALL ARC 24 UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

ABSORPTION TILE FIELD OVERALL PLAN

SCALE: NTS



NOTES:
1. WELL IS TO BE CASED AND GROUTED FOR A MIN OF 50' IN LENGTH.
2. CASING SHALL EXTEND MINIMUM 10' INTO BEDROCK.
3. OVERSIZE DRILL HOLE (FOR GROUTING) TO BE 10" DIAMETER.
4. EXPECTED DEPTH OF LOAM AND SHALE OVERBURDEN = 5 - 30 FEET
5. EXPECTED DEPTH OF WATER BEARING FORMATION = 300 - 600 FEET
6. THE WELL CASING TO CONFORM TO AWWA STANDARD A100 (LATEST EDITION).
7. PITLESS ADAPTER AND SANITARY WELL SEAL SHALL BE MONITOR MODEL NO 5PL-6-1-U-CL, MFG BY THE BAKER MFG CO; EVANSVIILE, WIS., OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
8. DISCHARGE PIPE : 3/4" MIN OF TYPE "K" COPPER WATER LINE
9. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10' OF A SEPTIC TANK, TILE FIELD, OR ANY OTHER PART OF A SEWAGE DISPOSAL SYSTEM.
10. PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEET OF ANY WELL.
11. MIN. WELL YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN 2-5 GPM REQUIRES 24 HOURS OF STORAGE WITHIN HOME.
12. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS) AND 5 1/2 GAL OF CLEAN WATER.
13. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
14. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "RURAL WATER SUPPLY", NYS DEPT OF HEALTH, LATEST EDITION.
15. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE THE MINIMUM SEPARATION DISTANCES ARE MET.

TYPICAL DRILLED WELL SECTION

SCALE: N.T.S.

REQUIRED SEPARATION DISTANCES FROM WASTEWATER SYSTEM COMPONENTS					
SYSTEM COMPONENTS	WELL (f) OR SUCTION LINE	STREAM, LAKE, WATERCOURSE (b), OR DEC WETLAND	DWELLING	PROPERTY LINE	DRAINAGE DITCH(b), (g)
HOUSE SEWER	50'	25'	3'	10'	-
SEPTIC TANK	50'	50'	10'	10'	10'
EFFLUENT LINE TO D-BOX	50'	50'	10'	10'	10'
DISTRIBUTION BOX	100'	100'	20'	10'	20'
ABSORPTION FIELD	100' (a)	100'	20'	10'	50'
SEEPAGE PIT	150' (a)	100'	20'	10'	50'
DRY WELL (ROOF & FOOTING)	50'	25'	20'	10'	50'
RAISED OR MOUND SYSTEM (c)	100' (a)	100'	20'	10'	50'
INTERMITTEN SAND FILTER (c)	100' (a)	100'	20'	10'	50'
EVAPOTRANSPIRATION-ABSORPTION SYSTEM (c)	100' (a)	50'	20'	10'	50'
COMPOSTER	50'	50'	20'	10'	10'
SANITARY PRIVY PIT	100'	50'	20'	10'	20'
PRIVY, WATERTIGHT VAULT	50'	50'	20'	10'	10'

NOTES:
a. WHEN SEWAGE TREATMENT SYSTEMS ARE LOCATED IN COARSE GRAVEL OR UPGRADE AND IN THE GENERAL PATH OF DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 200 FEET AWAY FROM THE WELL.

b. MEAN HIGH WATER MARK

c. FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF SLOPE OF THE FILL

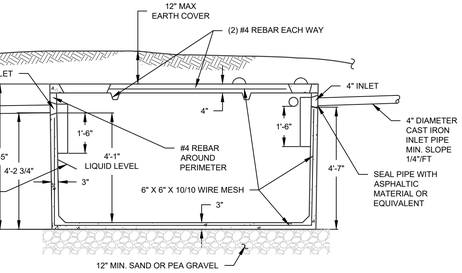
d. ANY WATER SERVICE LINE UNDER PRESSURE (i.e. PUBLIC WATER SUPPLY MAIN, HOUSEHOLD SERVICE LINE, WELL TO HOUSEHOLD SERVICE LINE) LOCATED WITHIN 10 FEET OF ANY ABSORPTION FIELD, SEEPAGE PIT OR SANITARY PRIVY SHALL BE INSTALLED INSIDE A LARGER DIAMETER WATER MAIN TO PROTECT THE POTABLE WATER SUPPLY

e. ANY WATER SERVICE LINE UNDER PRESSURE (i.e. PUBLIC WATER SUPPLY MAIN, HOUSEHOLD SERVICE LINE, WELL TO HOUSEHOLD SERVICE LINE) CROSSING A SEWER SHALL BE INSTALLED WITH ONE FULL LENGTH OF WATER MAIN CENTERED ABOVE THE SEWER SO BOTH WATER CONNECTING JOINTS ARE AS FAR AS POSSIBLE FROM THE SEWER. SECTION 8.6 OF THE GLUMRB RECOMMENDED STANDARDS FOR WATER WORKS, SHALL BE FOLLOWED FOR SEPARATION OF WATER MAINS, SANITARY SEWERS AND STORM SEWERS

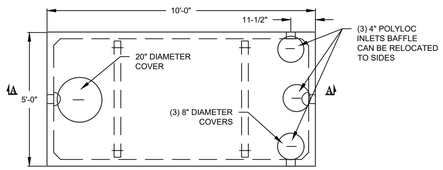
f. MINIMUM SEPARATION REQUIREMENTS

ADDITIONAL SEPARATION REQUIREMENTS

1. WELL TO SWALE, WATERCOURSE OR STREAM - 25'
2. ABSORPTION FIELD TO OPEN DRAINAGE, CULVERT, OR STORM SEWER(NON-GASKETED PIPE) OR CATCH BASIN - 50'
3. ABSORPTION FIELD TO CULVERT OF STORM SEWER (GASKETED, TIGHT PIPE) - 35'
4. ABSORPTION FIELD TO CURTAIN DRAIN - 15'
5. ABSORPTION FIELD, PITS, EXPANSION AREA, TO TOP OF EMBANKMENT OR STEEP(1 ON 3) SLOPES - 25'
6. DRAINAGE PIPES WITHIN 25' OF ANY WELL MUST BE WATERTIGHT
7. WELL TO CEMETERY PROPERTY LINE - 100'



SECTION A-A



NOTES:
1. PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY WOODARDS CONCRETE PRODUCTS, INC.MODEL ST 1250, OR APPROVED EQUAL.
2. CONCRETE - 4000 PSI AT 28 DAYS.
3. REINFORCEMENT - 6" X 6" X 10 GAUGE WIRE MESH.
4. SECTIONS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT.
5. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK, OR ANY PUMPING OR DOSING CHAMBER, TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
6. SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.

1250 GALLON SEPTIC TANK

SCALE: N.T.S.

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- Call Before You Dig
- Wait The Required Time
- Confirm Utility Response
- Respect The Marks
- Dig With Care

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No.	DATE	DESCRIPTION

DRAWING STATUS	ISSUE DATE: 04/23/2026		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		
☐ CONCEPT APPROVAL	N/A	OF	N/A
☑ PLANNING BOARD APPROVAL	6	OF	7
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

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DETAILS

JOSEPH W. & CARLIN D. FLYNN
340 SOUTH RIVER ROAD
TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

JOB #:	1248.03	DRAWN BY:	SC
DATE:	04/23/2026	SCALE:	1"=40'
REVISION:	0	TAX LOT:	5956-4-930485

C-301

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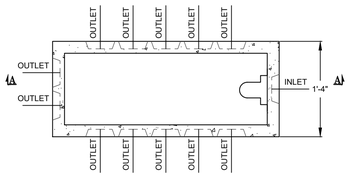
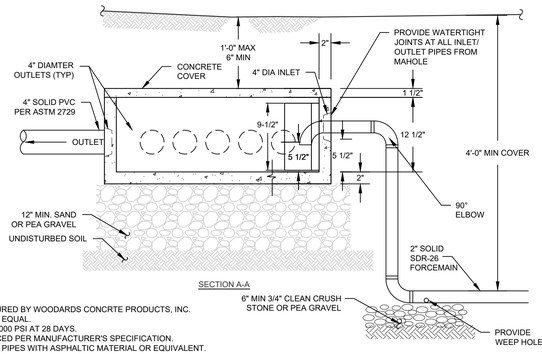


PLAN VIEW

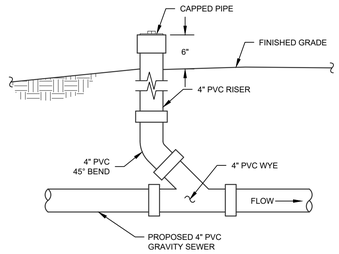


SECTION A-A

NOTES:
1. DISTRIBUTION BOX AS MANUFACTURED BY WOODARDS CONCRTE PRODUCTS, INC. CATALOG No. DB-12 OR APPROVED EQUAL.
2. MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS.
3. CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION.
4. SEAL ALL JOINTS AT INLET/OUTLET PIPES WITH ASPHALTIC MATERIAL OR EQUIVALENT.
5. PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS.
6. FIRST 30" MIN. OF OUTLET PIPE(S) TO BE SOLID PVC.
7. UNUSED OUTLETS TO REMAIN PLUGGED.

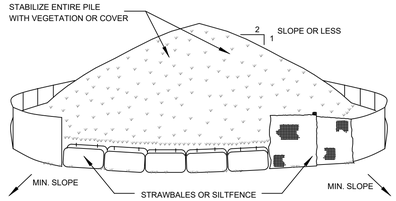
12 HOLE DISTRIBUTION BOX W/ FORCEMAIN INLET

SCALE: NTS



TYPICAL CLEANOUT

SCALE: N.T.S.



NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED A WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILTFENCE.

SOIL STOCKPILING

SCALE: NTS

PUMP STATION CALCULATIONS

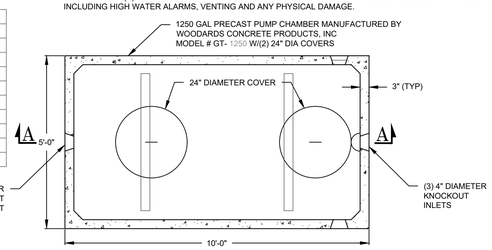
PUMP VOLUME CALCULATIONS:

210 LF x (3.14)(.333) ^{2} / 4 = 18.28 CF x 7.48 GAL/CF = 136.73 GALLONS (TILE FIELD)
83 LF x (3.14)(.166) ^{2} / 4 = 1.80 CF x 7.48 GAL/CF = 13.43 GALLONS (FORCE MAIN)
ELEVATION BETWEEN PUMP OFF TO PUMP ON TRY 4.5" OR 0.375'
9.5 FT x 4.50 FT x 0.375 FT = 16.03 CF = 119.91 GAL
119.91 GAL / (136.73 + 13.43) GAL = 79.9 %

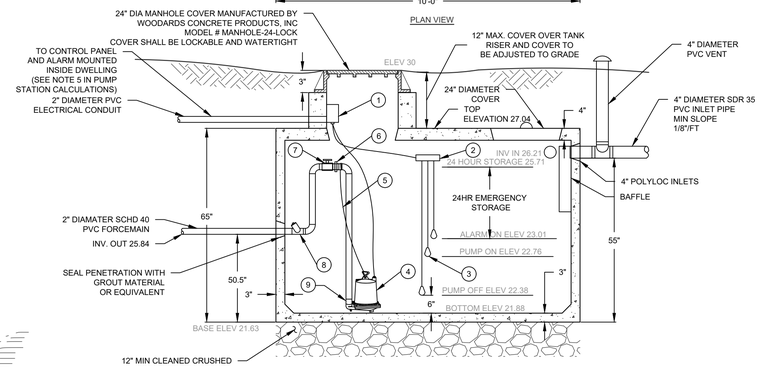
24 HOUR STORAGE CALCULATIONS:

24 HOUR STORAGE = 440 GAL / 7.48 GAL/CF = 58.82 CF
24 HOUR STORAGE HEIGHT = 58.82 CF / (9.5 FT x 4.50 FT) = 1.38 FT
24 HOUR STORAGE AVAILABLE TO INVERT IN = 2.70 FT

NOTES:
1. PRECAST CONCRETE PUMP CHAMBER AS MFG. BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL GT 1250, W/ (2) 24" DIA COVERS OR APPROVED EQUAL
2. CONCRETE - 4,000 PSI AT 28 DAYS
3. REINFORCEMENT - WWM, #4 REBAR
4. CONSTRUCTION JOINT TO BE SEALED WITH BUTYL RUBBER SEALANT
5. CONTROL PANEL AS MFG. GOULDS PUMPS, INC. MODEL SES SERIES CUSTOMIZED CONTROL PANEL- NEMA 1 SIMPLEX CONTROLLER WITH ALARM. CONTROL PANEL IS TO BE MOUNTED WITHIN THE DWELLING AND WIRED TO CIRCUIT BREAKER.
6. ALL ELECTRICAL WORK SHALL MEET WITH THE NATIONAL ELECTRICAL CODE LATEST EDITION
7. PUMP STATION(S) SHOULD BE INSPECTED PERIODICALLY BY A PROPERLY TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALARMS, VENTING AND ANY PHYSICAL DAMAGE.



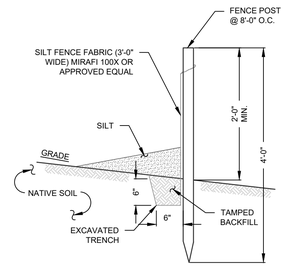
PLAN VIEW



SECTION A-A

1250 GALLON PUMP CHAMBER

SCALE: N.T.S.



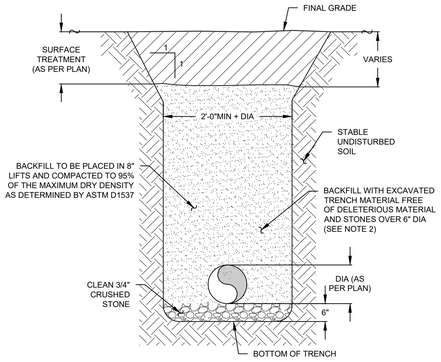
NOTES:
1. SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.
2. SILT SHALL BE REMOVED WHEN HEIGHT OF SILT EXCEEDS 1/2 OF THE EXPOSED SILT FENCE HEIGHT

SILT FENCE

SCALE: N.T.S.

SCHEDULE OF MECHANICAL EQUIPMENT

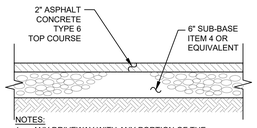
REF#	QTY.	DESCRIPTION & WOODARD'S MODEL #	A	O	D
1	1	ELECTRICAL JUNCTION BOX - A8-1J			
2	1	STAINLESS STEEL FLOAT BRACKET - FSB1			
3	3	MERCURY FLOAT SWITCH - A2K23			
4	1	GOULDS 3885 SUBMERSIBLE EFFLUENT PUMP- MODEL #WE03L			
5	1	10' LIFT CABLE - ACBL-10			
6	1	2' UNION - FUNION-2			
7	1	2" BALL VALVE - FBALLVALVE-2			
8	1	2" FLAP CHECK VALVE - FFLAPCHECK-2			
9	1	2" NPT THREADED ADAPTER - FMA-2			
10	1	GOULDS SIMPLEX CONTROL PANEL W/ALARM - WOODARDS MODEL # S10020N1			



NOTES:
1. ALL FILL BELOW BUILDINGS, PAVEMENT AREAS, SIDEWALKS, CURBS, ETC; SHALL BE WITH R.O.B. GRAVEL (NYSDOT SPEC) FOR THE FULL DEPTH THE EXCAVATION. BACKFILL SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST.
2. ALL DRAINAGE PIPE SHALL BE HDPE WITH A SMOOTH INVERT.
3. ALL EXCAVATION AND TRENCHING TO MEET OSHA REQUIREMENTS.

DRAINAGE PIPE TRENCH

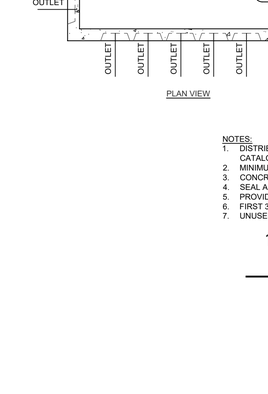
SCALE: N.T.S.



NOTES:
1. ANY DRIVEWAY WITH ANY PORTION OF THE DRIVEWAY GREATER THAN 6% MUST BE PAVED IN ITS ENTIRETY.
2. DRIVEWAY LOCATIONS SHALL BE STAKED BY A NYS LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION.

DRIVEWAY PAVEMENT SECTION

SCALE: NTS

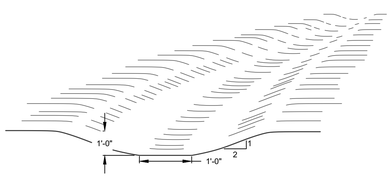


SECTION A-A

NOTES:
1. RIP-RAP TO BE PROVIDED AT THE END OF THE FLARED END SECTION AS PER PLANS.
2. ALL DRAINAGE END SECTIONS SHALL BE HDPE WITH A SMOOTH INVERT.

FLARED END SECTION

SCALE: N.T.S.



CHANNEL CROSS-SECTION

CONSTRUCTION SPECIFICATIONS:
1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREON, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF OUTSIDE THE WETLAND SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
4. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARDS AND SPECIFICATIONS FOR VEGETATIVE PRACTICES. SEEDING AND MULCHING SHALL BE USED FOR ESTABLISHMENT OF THE VEGETATION. VEGETATION PROVIDED SHALL BE REED CANARY GRASS, TALL FESCUE, KENTUCKY BLUEGRASS.

GRASSED SWALE

SCALE: N.T.S.

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- Wait The Required Time
- Confirm Utility Response
- Respect The Marks
- Dig With Care

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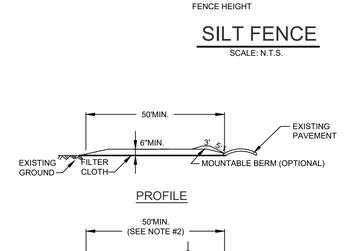
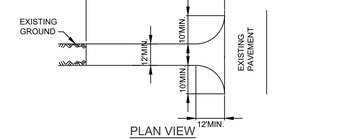


PROFILE



PLAN VIEW

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE MIN. 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

No.	DATE	DESCRIPTION

DRAWING STATUS	ISSUE DATE: 04/23/2026		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		
☐ CONCEPT APPROVAL	N/A	OF	N/A
☑ PLANNING BOARD APPROVAL	7	OF	7
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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