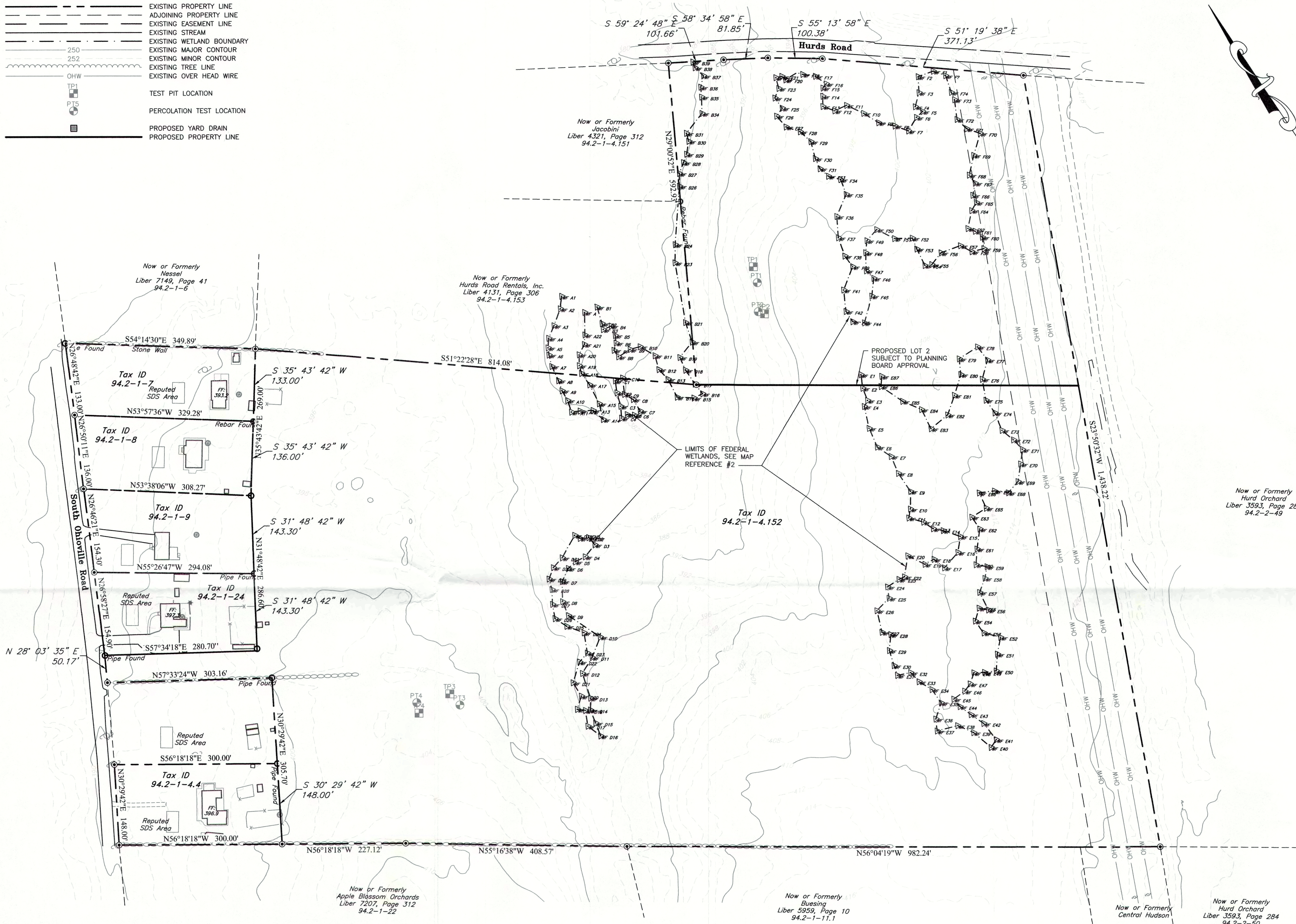


LEGEND:

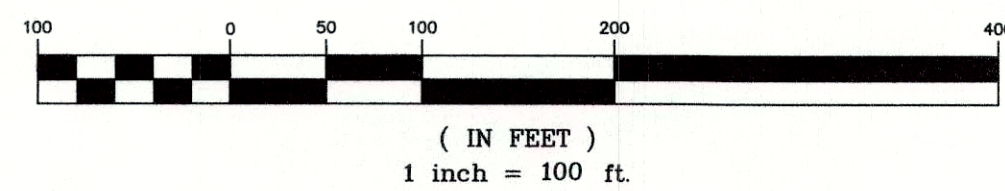
---	EXISTING PROPERTY LINE
---	ADJOINING PROPERTY LINE
---	EXISTING EASEMENT LINE
---	EXISTING STREAM
---	EXISTING WETLAND BOUNDARY
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	EXISTING TREE LINE
---	EXISTING OVER HEAD WIRE
PT	TEST PIT LOCATION
PT	PERCOLATION TEST LOCATION
□	PROPOSED YARD DRAIN
---	PROPOSED PROPERTY LINE



EXISTING CONDITIONS PLAN

SCALE: 1" = 100'

GRAPHIC SCALE



DRAWING INDEX:

SHEET 1: EXISTING CONDITIONS PLAN - PROPOSED LOT 2 (XC-1)

SHEET 2: LOT 2 DEVELOPMENT PLAN (SP-1)

SHEET 3: CONSTRUCTION DETAILS (CD-1)

DRAWN BY: LGP

CHECKED BY: DGK

REVISIONS:

REVISIONS:

NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY
1	02/20/24	PER UCHD COMMENTS	DGK				



SEAL



HUDSON LAND DESIGN
PROFESSIONAL ENGINEERING P.C.
174 MAIN ST., BEACON, NEW YORK 12508
13 CHAMBERS ST., NEWBURGH, NEW YORK 12550
PH: 845-440-6926

EXISTING CONDITIONS PLAN - PROPOSED LOT 2

INFUSO

HURDS ROAD & SOUTH OHIOVILLE ROAD
TOWN OF LLOYD
ULSTER COUNTY, NEW YORK
TAX ID: 94.2-1-4.152

JOB #: 2021-046

DATE: 7/11/23

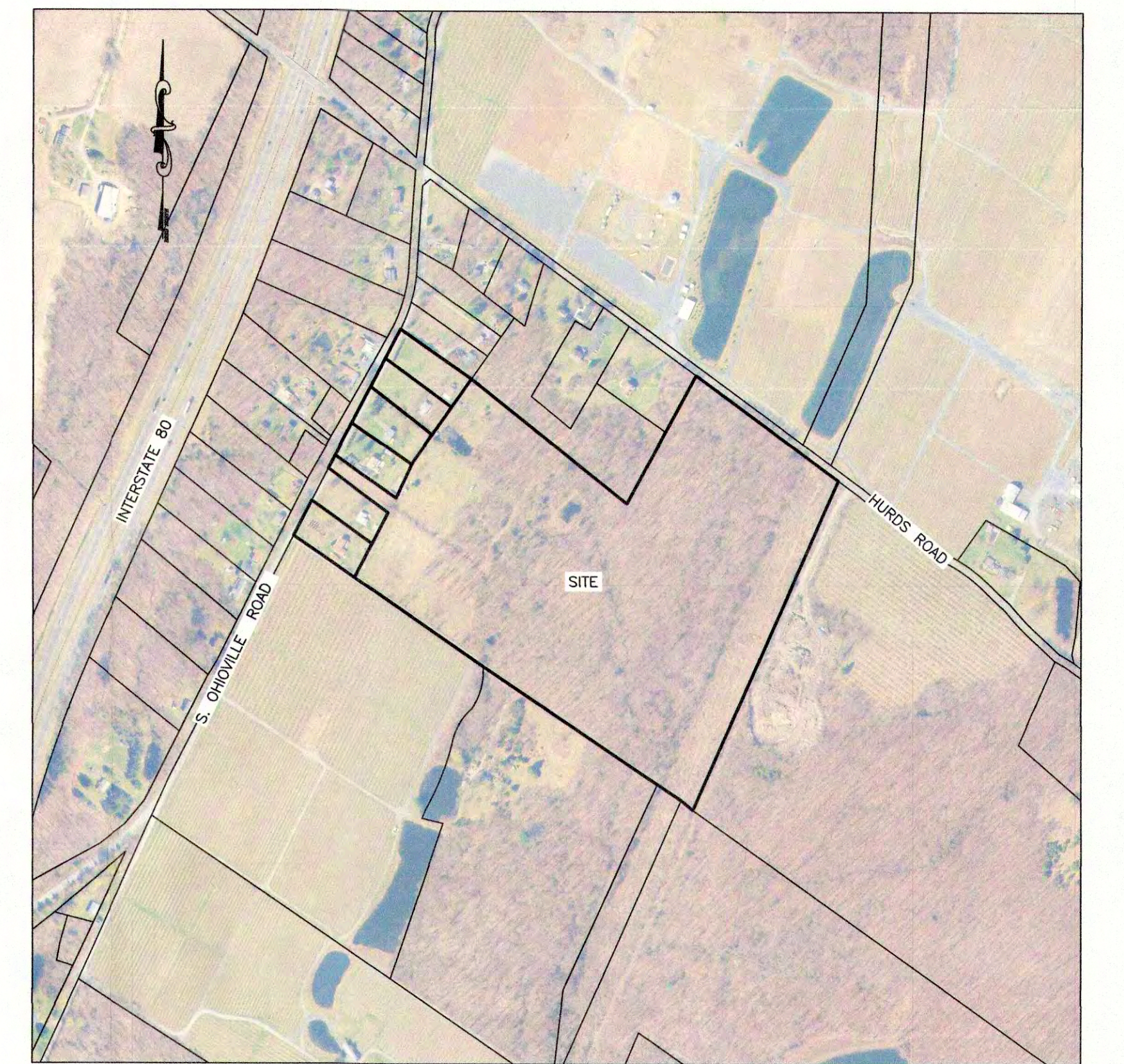
SCALE: 1" = 100'

TITLE: XC-1

SHEET: 1 OF 3

VICINITY MAP

SCALE: 1" = 500'



PROJECT INFORMATION:

PARCEL OWNER:	MARIA INFUSO: 191 BAY 13TH STREET, BROOKLYN, NY 11214-5805
PROJECT ENGINEER:	HUDSON LAND DESIGN P.C., 174 MAIN STREET, BEACON NY 12508
PROJECT SURVEYOR:	BRENDAN JOHNSON, L.S. 10 MEADOW LANE, PLEASANT VALLEY, NEW YORK 12569
PARCEL LOCATION:	SOUTH OHIOVILLE ROAD & HURDS ROAD, NEW PALTZ, NY 12561
TAX PARCEL IDS:	94.2-1-4.152 (42.5 AC)
PARCEL AREA:	±42.5-TOTAL ACRES
WATER SUPPLY:	PRIVATE WELLS
SEWAGE DISPOSAL:	PRIVATE SDS

MAP REFERENCES:

- EXISTING FEATURES INCLUDING EXISTING SEPTIC SYSTEMS, STRUCTURES, DRIVEWAYS AND TOPOGRAPHY ON THE SUBJECT PARCELS AND THEIR LOCATION PER THE PROVIDED SURVEY MAP ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY PREPARED FOR INFUSO; TOWN OF LLOYD, COUNTY OF ULSTER, STATE OF NEW YORK" PREPARED BY BRENDAN JOHNSON, P.L.S. AND DATED 5/1/2023.
- WETLANDS AS DELINEATED BY HUDSON HIGHLANDS ENVIRONMENTAL CONSULTING ON OCTOBER 25, 2022. FLAGS SURVEY LOCATED BY BRENDAN JOHNSON, P.L.S.

TOTAL PROJECT SITE AREA:

±1,851,300 SQ.FT. OR ±42.5 ACRES

TAX MAP REFERENCE:

TOWN OF LLOYD, ULSTER COUNTY, NEW YORK; 94.2-1-4.152

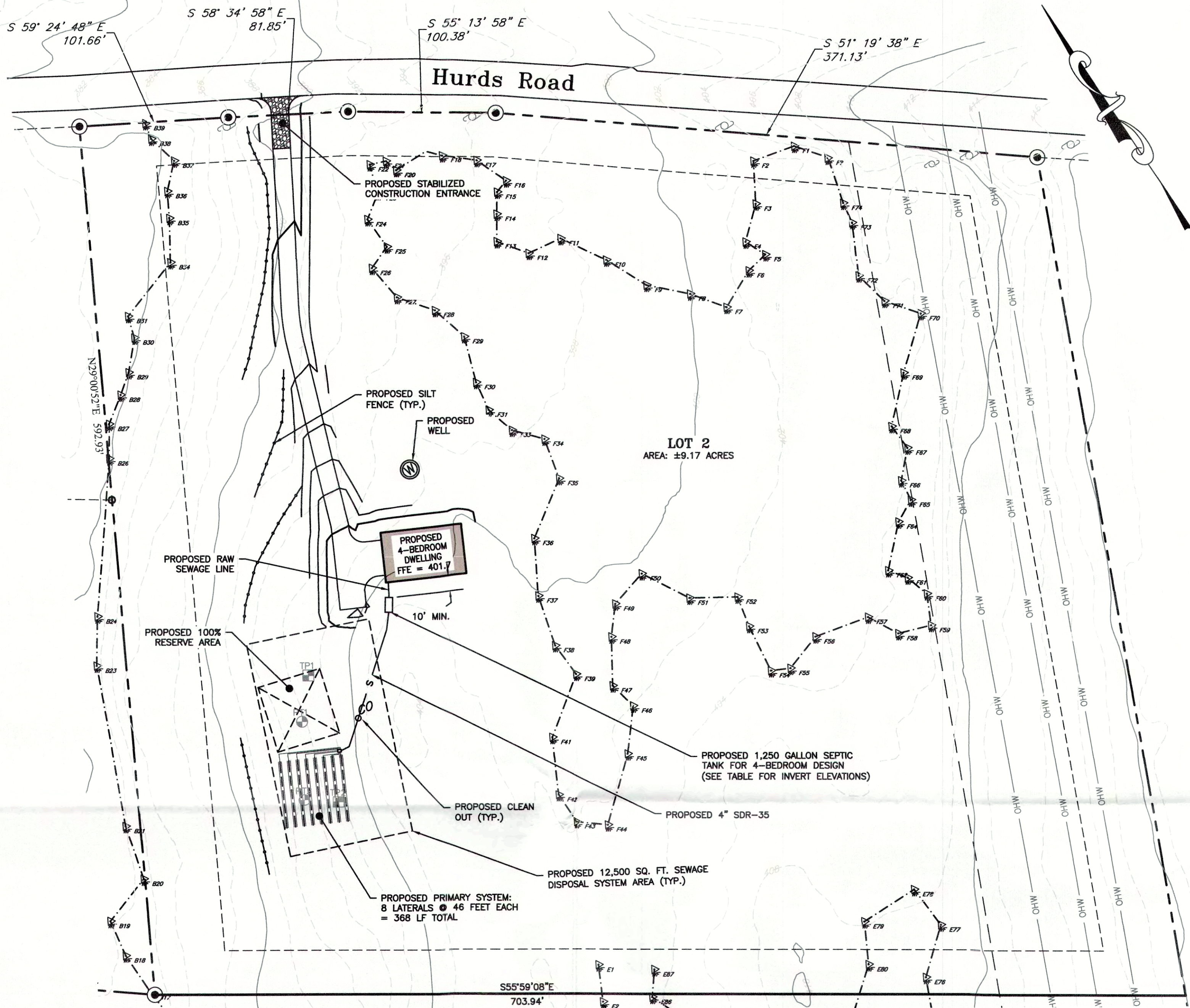
Reviewed and approved
for the Ulster County Health Department

Carol M. Smith, MD, MPH
Public Health Director

Carol M. Smith, MD, MPH
Commissioner of Health.

Recommended for Approval

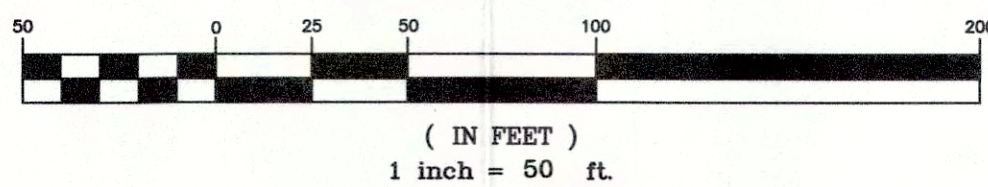
Boyan Collins
County Engineer



LOT 2 DEVELOPMENT PLAN

SCALE: 1" = 50'

GRAPHIC SCALE



SEWAGE DISPOSAL SYSTEM MAINTENANCE NOTES:

ADEQUATE MAINTENANCE OF THE SEWAGE DISPOSAL SYSTEM IS IMPERATIVE. UNATTENDED SYSTEMS WILL NOT FUNCTION PROPERLY. THE FOLLOWING ARE GENERAL GUIDELINES THAT SHOULD BE ADJUSTED BASED ON ACTUAL USAGE AND PERFORMANCE. NEVER ENTER ANY TANK.

1. SEPTIC TANKS: PUMP EVERY TWO TO THREE YEARS, OR WHENEVER:
 - 1.1. THE TOTAL DEPTH OF SLUDGE AND SCUM EXCEEDS $\frac{1}{3}$ OF THE LIQUID DEPTH OF THE TANK
 - 1.2. THE BOTTOM OF THE SCUM LAYER IS WITHIN THREE INCHES OF THE BOTTOM OF THE OUTLET BAFFLE
 - 1.3. THE TOP OF THE SLUDGE LAYER IS WITHIN TEN INCHES OF THE BOTTOM OF THE BAFFLE.
2. DISTRIBUTION:
 - 2.1. DISTRIBUTION BOXES: INSPECT PERIODICALLY TO ENSURE EQUAL FLOW TO ALL LINES AND CHECK FOR SOLIDS.
3. ABSORPTION FACILITIES:
 - 3.1. KEEP TREES AWAY FROM THE IMMEDIATE AREA OF THE ABSORPTION FIELD AS THEIR ROOTS MAY ENTER AND CLOG THE SYSTEM.
 - 3.2. DO NOT PAVE OR BUILD STRUCTURES OVER AN ABSORPTION FACILITY.
 - 3.3. RUNOFF TO THE ABSORPTION AREA SHOULD BE ELIMINATED BY REGRADING, DITCHING OR BERMING SURROUNDING AREAS.
 - 3.4. PERIODICALLY OBSERVE THE ABSORPTION FACILITY FOR SURFACE DISCHARGE OR PONDING OF EFFLUENT.

DEEP TEST HOLE TABLE:

DEEP TEST HOLE RESULTS ESTABLISHED ON JANUARY 20, 2023
AND WITNESSED BY UCDH REPRESENTATIVE MIKE MACLARY

TP1:	4" TOPSOIL, 4"-33" LIGHT BROWN SILTY LOAM, 33"-60" DARK BROWN SILTY LOAM. BEDROCK @ 60". NO MOTTLING, NO WATER.
TP2:	4" TOPSOIL, 4"-36" LIGHT BROWN SILT LOAM, 36"-60" DARK BROWN SILTY LOAM. NO BEDROCK, NO MOTTLING, NO WATER.

PERC TEST TABLE :

PERC TESTS RESULTS ESTABLISHED ON JANUARY 20, 2023

PT1: 27" DEEP:	2 min/in; 3 min/in; 3 min/in; 3 min/in.
PT2: 24" DEEP:	22 min/in; 28 min/in; 28 min/in.

SEWAGE DISPOSAL SYSTEM SCHEDULE FOR LOT 2

LOT#	MIN. RAW LINE INVERT ELEV.	EFFLUENT LINE FROM HOUSE TO SEPTIC TANK*	SEPTIC TANK SIZE (GAL.)	SEPTIC TANK INVERT (FT)		PORTION OF PROPOSED SDS SYSTEM	EFFLUENT LINE FROM SEPTIC TANK TO DISTRIBUTION BOX**	DIST. BOX INVERT (FT)	
				IN	OUT			IN	OUT
2	398.9	11 LF @ 4.0%	1,250	398.49	398.13	PRIMARY	102 LF @ 1.3%	396.79	396.58
						RESERVE	63 LF @ 2.1%	396.81	396.60

* RAW LINE TO BE 4" CAST IRON OR SCH-40 PVC @ 2.0% MINIMUM.
*** SEPTIC TANK EFFLUENT LINE TO BE 4" SDR-35 PVC @ 1.0% MINIMUM.

LOT 2 ABSORPTION FIELD SCHEDULE

LOT#	PORTION OF PROPOSED SDS SYSTEM	SEWAGE DISPOSAL SYSTEM TYPE	FIELD CONFIGURATION FOR 4-BEDROOM RESIDENCE	DOSING/PUMPING REQUIRED	ENERGY DISSIPATION BOX	CURTAIN DRAIN
2	PRIMARY	INGROUND	8 LATS @ 46' = 368 FT	NO	NO	NO
	RESERVE	INGROUND	8 LATS @ 46' = 368 FT	NO	NO	NO

LOT 2 SEWAGE DISPOSAL SYSTEM DESIGN NOTES:

1. SEWAGE DISPOSAL SYSTEM (SDS) DESIGNS ARE BASED ON THE NUMBER OF BEDROOMS PER RESIDENTIAL DWELLING. A DESIGN FLOW OF 110 GALLONS PER DAY (GPD) PER BEDROOM IS UTILIZED, BASED UPON NEW STANDARD FIXTURES (POST-1994 WATER FIXTURES). THESE INCLUDE: 1.6 GPF (MAX) TOILETS, AND 2.5 GPM (MAX) FAUCETS & SHOWERHEADS.
2. NO FOOTING OR ROOF DRAINS, WATER SOFTENER BACKWASHES, ETC. SHALL BE DISCHARGED TO THE SEWAGE DISPOSAL SYSTEM.
3. NO KITCHEN SINK GARBAGE DISPOSAL SYSTEMS ARE PLANNED OR INCLUDED IN THE DESIGN.

PRIMARY AND RESERVE SDS DESIGN FOR 4-BEDROOM RESIDENCE:

PRIMARY SYSTEM SHALL BE A IN-GROUND ABSORPTION SYSTEM.

DESIGN FLOW = 110 GPD (BASED ON A 4-BEDROOM RESIDENCE @ 110 GPD/BEDROOM = 440 GPD)

PRIMARY SDS DESIGN IS BASED UPON AN APPLICATION RATE OF 0.60 GPD/SF FOR A PERCOLATION RATE RANGE OF 21-30 MIN/IN, RESULTING IN 367 LF OF 2' WIDE ABSORPTION TRENCHES REQUIRED. THE DESIGN PROVIDES EIGHT (8) LATERAL (PERFORATED PIPE) TRENCHES AT 46 LF EACH FOR A TOTAL OF 368 LF.

SEPTIC TANK SIZE IS 1,250 GALLONS FOR A 4-BEDROOM DESIGN, AS PER REQUIRED BY NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH).

SEPTIC SYSTEM LOCATIONS SHALL BE STAKED OUT PRIOR TO CONSTRUCTION BY A NEW YORK STATE LICENSED LAND SURVEYOR.

RESERVE SYSTEM: THE DESIGN FOR THE RESERVE SYSTEM WILL BE SIMILAR TO THE PRIMARY SYSTEM. THE RESERVE SYSTEM SHALL BE AN IN-GROUND SYSTEM, COMPOSED OF EIGHT (8) LATERAL TRENCHES AT 46 LF EACH. THE RESERVE SYSTEM SHALL ONLY BE BUILT IF THE PRIMARY SYSTEM FAILS.

GENERAL NOTES FOR RESIDENTIAL PROJECTS (ONSITE WATER SOURCE & SEWAGE DISPOSAL)

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."

"RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS, DESIGN HANDBOOK", NEW YORK STATE DEPARTMENT OF HEALTH.

"UCDOH SANITARY CODES."

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, UCDOH 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.

THE UCDOH 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.

IF THE SEPTIC TANK IS DELIVERED TO THE SITE IN SECTIONS, THEN IT SHALL BE DEMONSTRATED BY THE CONTRACTOR, TO THE UCDOH 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.

ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS SHALL BE DISCHARGED INTO THE ONSITE WASTEWATER TREATMENT SYSTEM OR WITHIN 50 FEET OF ANY WELL.

ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE ONSITE WASTEWATER TREATMENT SYSTEM'S SEPTIC TANK AND ABSORPTION FIELD.

THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE ONSITE WASTEWATER TREATMENT SYSTEM. PRIOR TO CONSTRUCTION, THE AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF.

ONSITE WASTEWATER TREATMENT SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.

SEE FIRST PAGE FOR APPROVAL

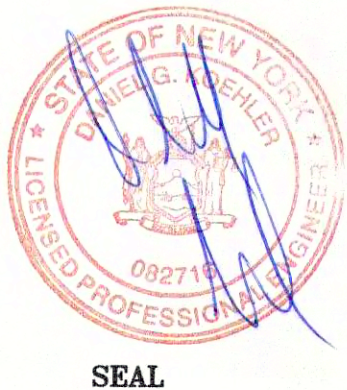
DRAWN BY: LGP

CHECKED BY: DGK

REVISIONS:

REVISIONS:

NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY
1	02/20/24	PER UCDH COMMENTS	DGK				



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LOT 2 DEVELOPMENT PLAN

INFUSO

HURDS ROAD & SOUTH OHIOVILLE ROAD
TOWN OF LLOYD
ULSTER COUNTY, NEW YORK
TAX ID: 94.2-1-4.152

JOB #: 2021-046

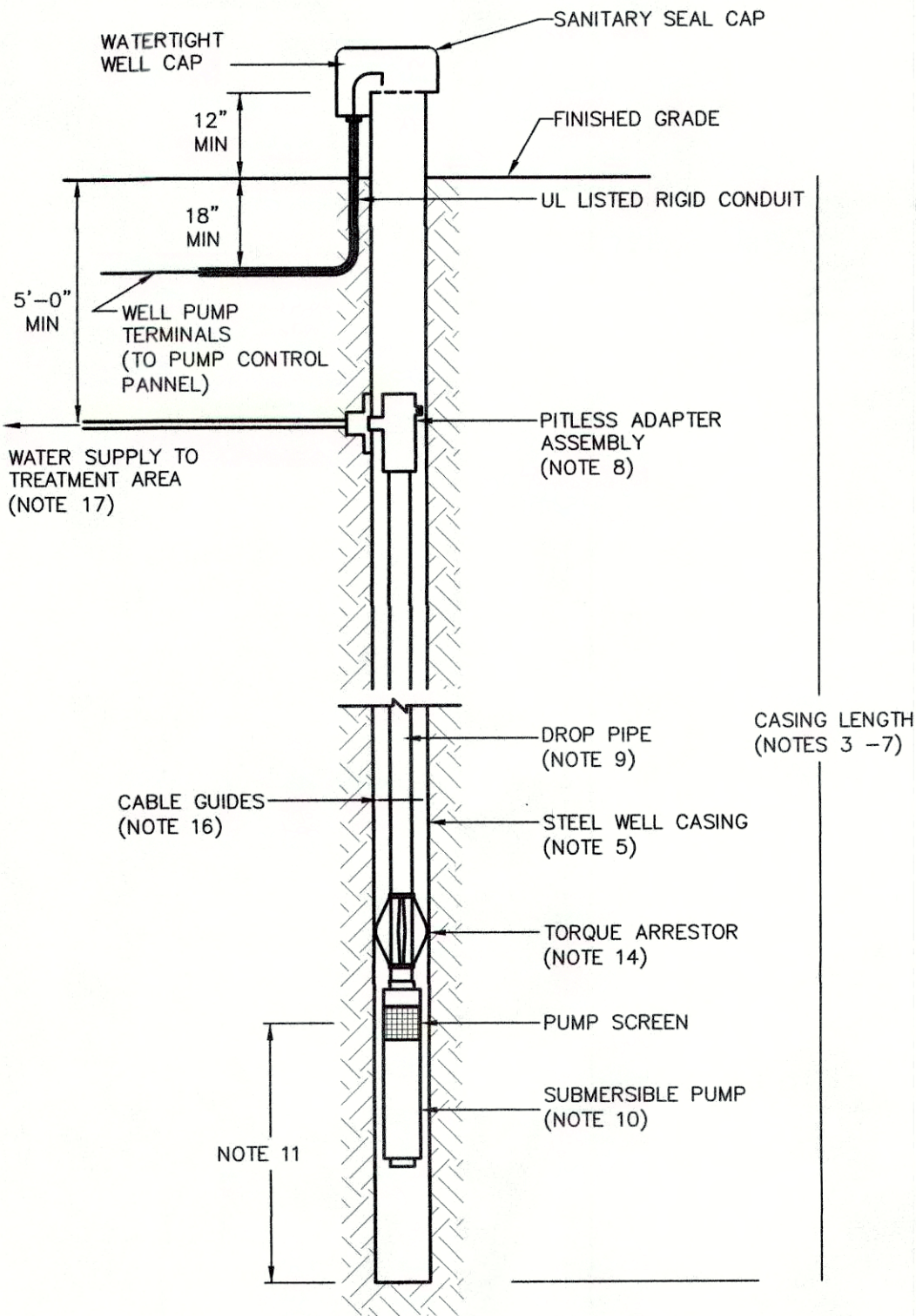
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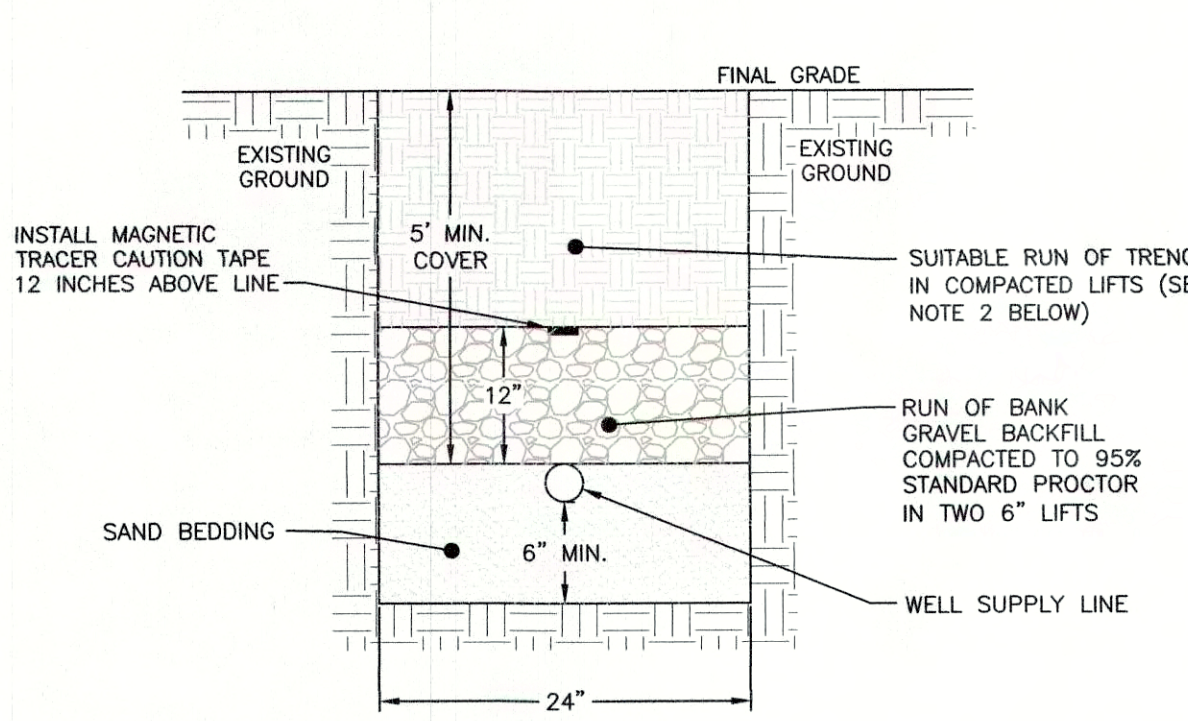
TITLE: SP-1

SHEET: 2 OF 3

- NOTES:**
1. THE WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH), APPENDIX 5B, "STANDARDS FOR WATER WELLS".
 2. COMPLETED WELL SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C654.
 3. MINIMUM CASING LENGTH SHALL BE 19 FEET BELOW GRADE.
 4. CASING LENGTH SHALL BE IN BASED ON THE WATER BEARING FORMATION ENCOUNTERED AND SHALL BE IN ACCORDANCE WITH NYSDOH, APPENDIX 5B, TABLE 2.
 5. STEEL WELL CASING SHALL BE IN ACCORDANCE WITH AWWA A100.
 6. FOR BEDROCK WELLS, THE STEEL CASING SHALL BE FITTED WITH A DRIVE SHOE AND PERMANENTLY SEATED INTO THE BEDROCK.
 7. ANNULAR SPACE BETWEEN THE WELL CASING AND BOREHOLE SHALL BE GROUTED MINIMUM 10 FEET INTO BEDROCK IN ACCORDANCE WITH NYSDOH, APPENDIX 5B, TABLE 2.
 8. INSTALL PITLESS ADAPTOR WITH ADEQUATE CLEARANCE WITHIN THE INTERNAL DIAMETER IF THE WELL CASING TO PERMIT INSERTION OR WITHDRAWAL OF WATER SYSTEM COMPONENTS. ADAPTOR SHALL BE THREADED TO ACCOMMODATE A LIFTING PIPE.
 9. DROP PIPE SHALL HAVE A MINIMUM WORKING PRESSURE OF 160 PSI, AND:
 - a. CONTINUOUS, UN-SPLICED PLASTIC PIPE APPROVED FOR DRINKING WATER COMPLIANT WITH NSF OR UL, OR
 - b. THREADED AND COUPLED SCHEDULE 80 OR HEAVIER PVC PIPE COMPLIANT WITH NSF OR UL, OR
 - c. THREADED OR COUPLED GALVANIZED, STAINLESS STEEL OR COPPER PIPE.
 10. PROVIDE SUBMERSIBLE PUMP WITH INTEGRAL CHECK VALVE.
 11. WELL PUMP SHALL BE SET A MINIMUM OF 10 FEET ABOVE THE WELL BOTTOM, OR AT THE ELEVATION DETERMINED BY THE GEOLOGIST OR ENGINEER.
 12. PUMP DISCHARGE SHALL NOT EXCEED THE DEPENDABLE YIELD OF THE WELL.
 13. PROVIDE WATER TREATMENT AS REQUIRED.
 14. PROVIDE TORQUE ARRESTOR IMMEDIATELY ABOVE WELL PUMP.
 15. PROVIDE 1/4" TWISTED POLYPROPYLENE LIFTING ROPE, TIED OFF AT THE TOP OF THE WELL CASING.
 16. PROVIDE CABLE GUIDES AT MINIMUM INTERVAL RECOMMENDED BY MANUFACTURER.
 17. PROVIDE AND/OR REVISE TREATMENT SCHEME AS NECESSARY BASED ON RESULTS OF WATER QUALITY TESTING FOLLOWING WELL PUMP TEST.

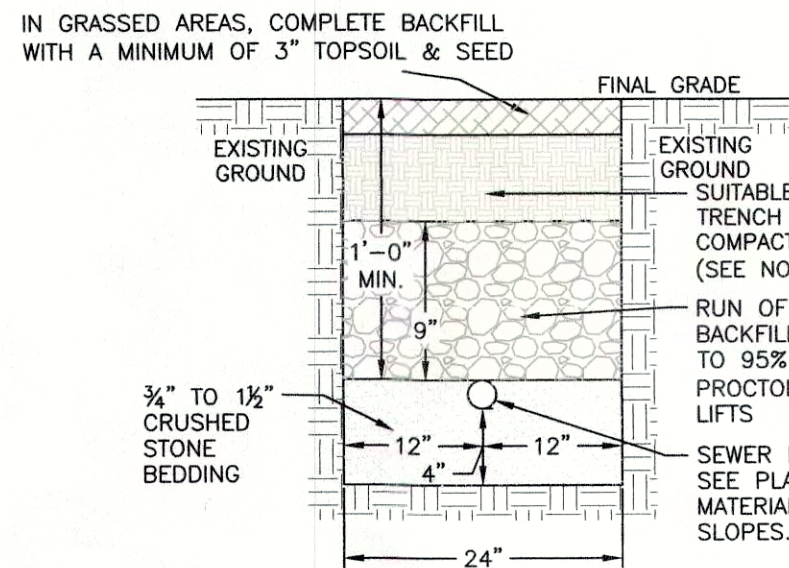


WELL DETAIL
NOT TO SCALE



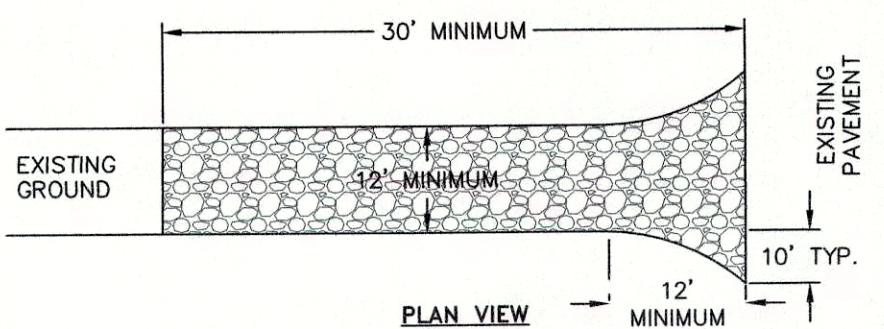
- NOTES:**
1. EXCAVATION AND TRENCHING SHALL MEET ALL OSHA REQUIREMENTS.
 2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED.

WELL SUPPLY LINE TRENCH DETAIL
NOT TO SCALE



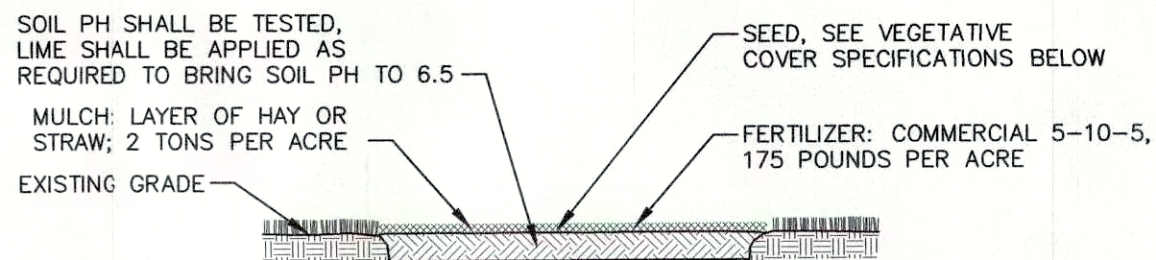
- NOTES:**
1. EXCAVATION AND TRENCHING SHALL MEET ALL OSHA REQUIREMENTS.
 2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED.

SEWER LINE TRENCH DETAIL
NOT TO SCALE



- NOTES:**
1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 2. LENGTH - NOT LESS THAN 30 FEET FOR A SINGLE RESIDENCE LOT.
 3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
 4. WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
 5. GEOTEXTILE - 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 BENEATH 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. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN 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 DETAIL
NOT TO SCALE

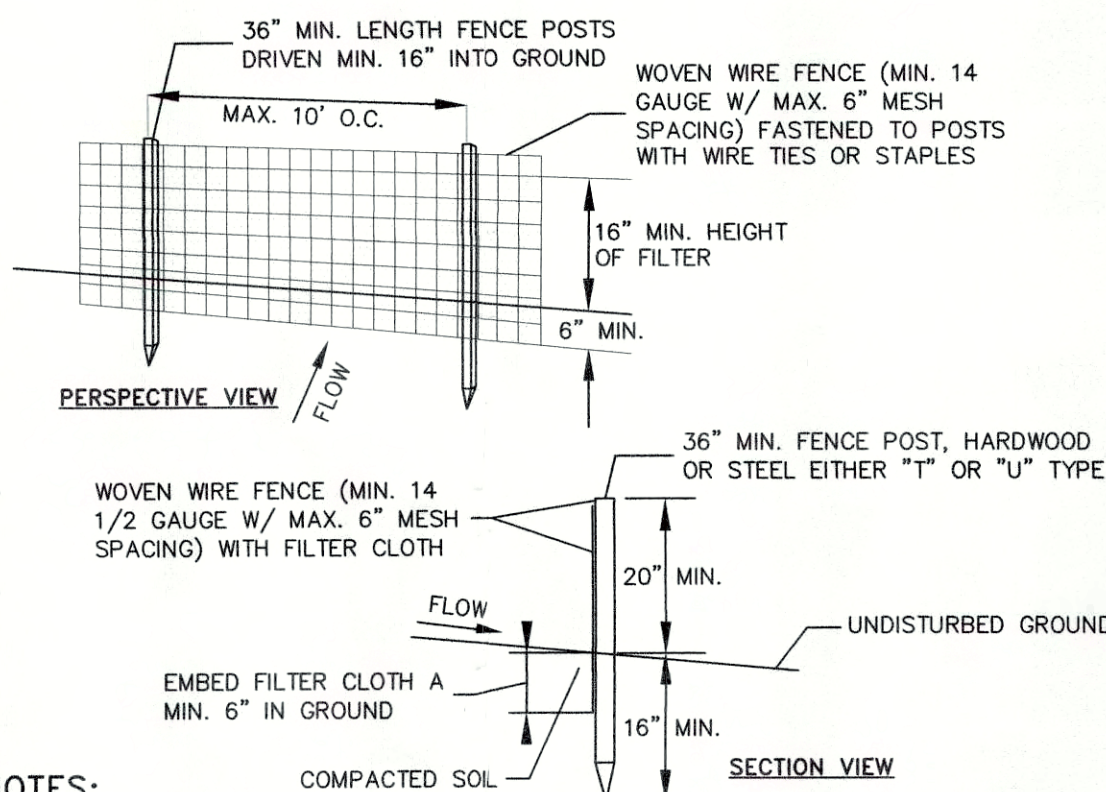


- NOTES:**
1. TOPSOIL, SEED, MULCH, AND FERTILIZE DISTURBED SOIL AREAS THAT WILL BE LEFT EXPOSED FOR 14 DAYS OR MORE.
 2. SEED MIXTURE FOR USE ON LAWNS IN SUNNY AREAS:

65% KENTUCKY BLUE GRASS BLEND	114 POUNDS PER ACRE
20% PERENNIAL RYEGRASS	35 POUNDS PER ACRE
15% FINE FESCUE	28 POUNDS PER ACRE
	175 POUNDS PER ACRE
 3. SEED MIXTURE FOR USE IN SHADY AREAS:

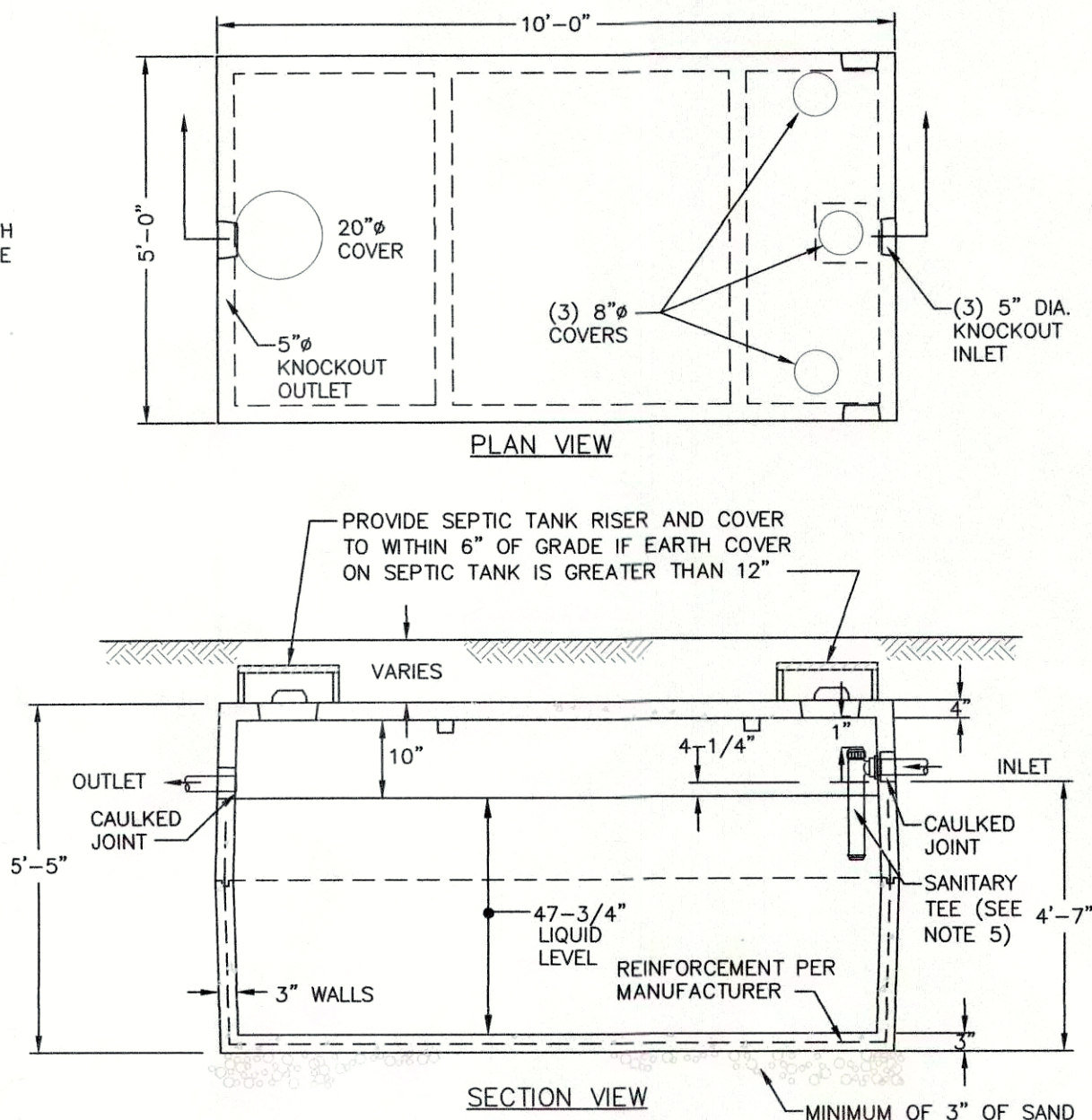
80% BLEND OF SHADE TOLERANT KENTUCKY BLUEGRASS	138 POUNDS PER ACRE
20% FINE FESCUE	37 POUNDS PER ACRE
	175 POUNDS PER ACRE
 4. SEED BETWEEN APRIL 1ST AND MAY 15TH OR AUGUST 15TH AND OCTOBER 15TH. SEEDING MAY OCCUR BETWEEN MAY 15TH AND AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.
 5. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20% TOPSOIL SHALL HAVE NOT LESS THAN 20% FINE TEXTURED MATERIAL (PASSING THE NO. 200 SIEVE) AND NOT MORE THAN 15% CLAY.

TOPSOIL, SEED AND MULCH DETAIL
NOT TO SCALE



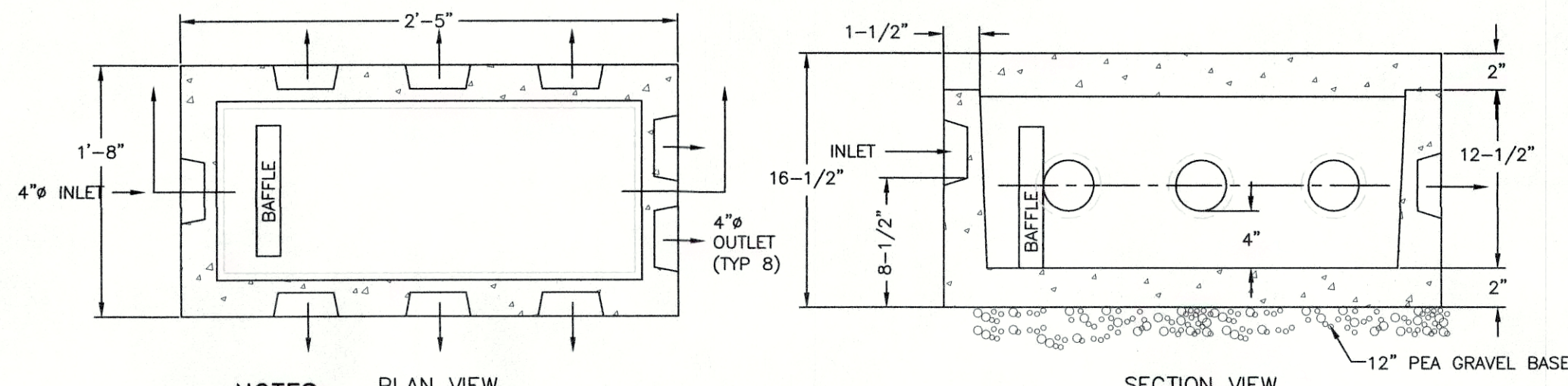
- NOTES:**
1. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>
 2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
 3. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE OR APPROVED EQUAL.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL
NOT TO SCALE



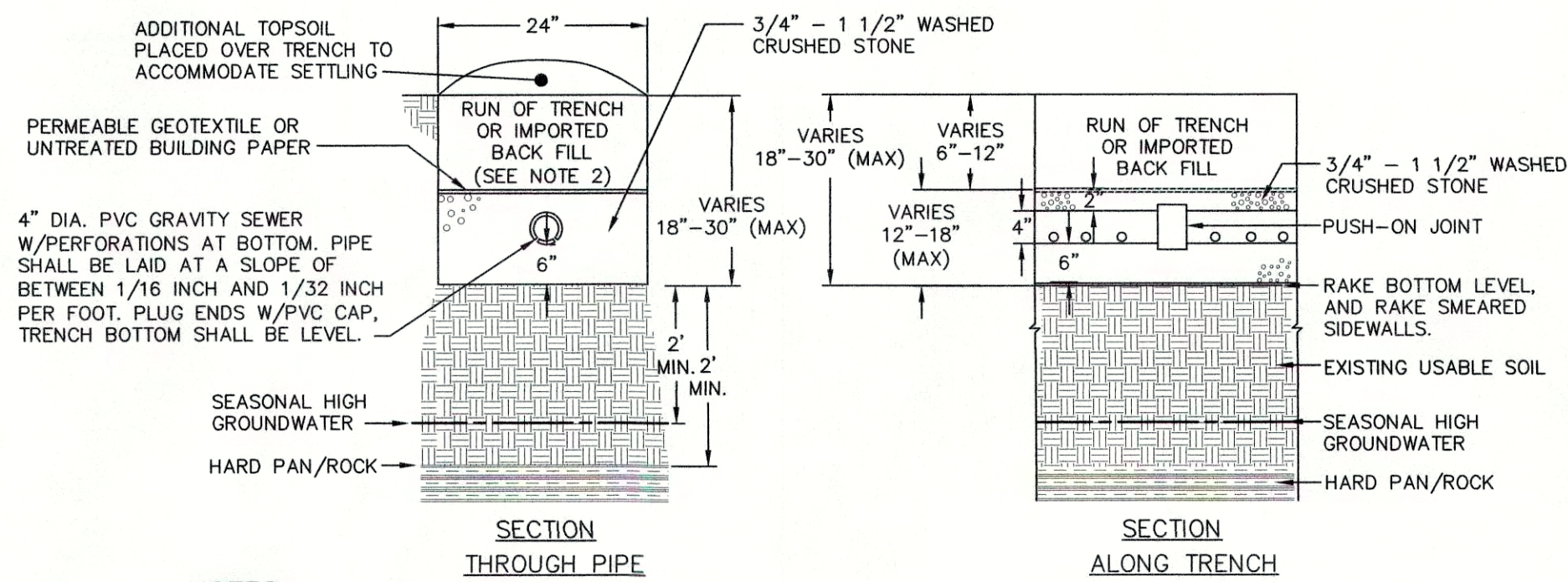
- NOTES:**
1. IF TANK IS DELIVERED TO THE SITE IN SECTIONS, THE CONTRACTOR SHALL MAKE IT WATER TIGHT. A WATER TIGHTNESS TEST SHALL BE COMPLETED BY THE CONTRACTOR, WITNESSED BY THE ENGINEER AND THE UCHD, AND SHALL INCLUDE FILLING THE TANK AND MEASURING WATER LEVEL OVER A 24-HOUR PERIOD.
 2. ALL JOINTS SHALL BE CAULKED.
 3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
 4. PRE-CAST SEPTIC TANK SHOWN IS MODEL ST-1,250 BY WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY, 10915 (845) 361-3471.
 5. SANITARY TEE SHALL BE USED ON INLET SIDE TO MEET REQUIRED 16\"/>
 6. THE UNDERSIDE OF TOP OF TANK AND THE TOP OF THE BAFFLES SHALL HAVE A MINIMUM OF 1\"/>

PRECAST CONCRETE 1,250 GALLON SEPTIC TANK SDS DETAIL
NOT TO SCALE



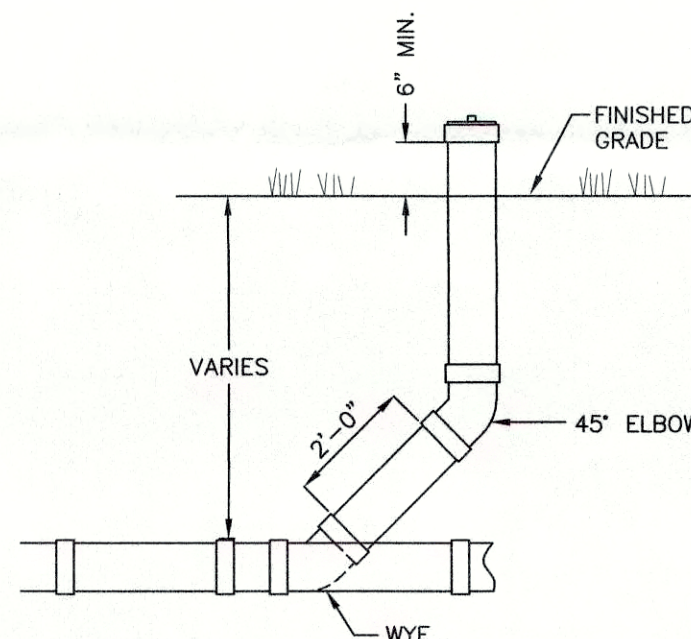
- NOTES:**
1. ALL OUTLETS SHALL BE SET AT THE SAME ELEVATION. DISTRIBUTION BOX SHALL BE SET LEVEL AND ALL UNUSED OUTLETS SHALL BE PLUGGED.
 2. PRE-CAST DISTRIBUTION BOX SHOWN IS MODEL DB-9 / 8 OUTLET BOX BY WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY, 10915 (845) 361-3471.
 3. BAFFLE SHALL BE PROVIDED BY CONTRACTOR.
 4. MAXIMUM EARTH COVERAGE ABOVE DISTRIBUTION BOX SHALL NOT EXCEED 12\"/>

PRECAST CONCRETE DISTRIBUTION BOX WITH BAFFLE DETAIL
NOT TO SCALE



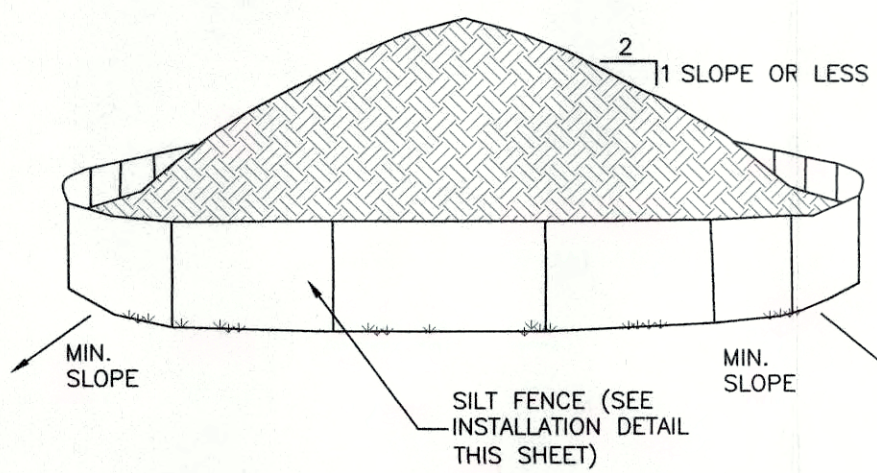
- NOTES:**
1. SPACING BETWEEN ABSORPTION FIELD TRENCHES IS 6' O.C.
 2. FOR INGROUND SYSTEM, BACKFILL TRENCH WITH RUN OF TRENCH BACKFILL. FOR FILL SYSTEMS, THE BACKFILL SHALL MATCH THE QUALITY OF THE SAND AND GRAVEL FILL. THE FINAL 6\"/>
 3. TOTAL TRENCH DEPTH NOT TO EXCEED 30\"/>

CONVENTIONAL ABSORPTION TRENCH DETAIL
NOT TO SCALE



- NOTES:**
1. SEWER PIPE AND FITTINGS SHALL BE ASTM D-3033 OR D-3034 SDR-35.
 2. CLEANOUT SHALL BE INSTALLED UPSTREAM OF THE PROPOSED 45\"/>

CLEANOUT DETAIL
NOT TO SCALE



- NOTES:**
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.

TEMPORARY SOIL STOCKPILE DETAIL
NOT TO SCALE

DRAWN BY: LGP				CHECKED BY: DGK			
REVISIONS:				REVISIONS:			
NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY
1	02/20/24	PER UCHD COMMENTS	DGK				



SEAL

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PROFESSIONAL ENGINEERING P.C.
174 MAIN ST., BEACON, NEW YORK 12508
13 CHAMBERS ST., NEWBURGH, NEW YORK 12550
PH: 845-440-6926

CONSTRUCTION DETAILS

INFUSO

HURDS ROAD & SOUTH OHIOVILLE ROAD
TOWN OF LLOYD
ULSTER COUNTY, NEW YORK
TAX ID: 94.2-1-4.152

JOB #: 2021:046

DATE: 7/11/23

SCALE: AS SHOWN

TITLE: CD-1

SHEET: 3 OF 3