

LOCATION MAP
SCALE: 1"=2,000'

BULK REQUIREMENTS
SR-2 ZONING DISTRICT

(USE GROUP-SINGLE FAMILY DETACHED DWELLING)

	MIN. REQUIRED	PROVIDED
LOT AREA (AC.)	1	>1
LOT WIDTH (FT.)	150	>150
FRONT YARD (FT.)	60	>60
SIDE YARD (FT.)	30	>30
BOTH SIDE YARDS (FT.)	60	>60
REAR YARD (FT.)	60	>60
BLDG. COVERAGE (%)	15	<15
BLDG. HEIGHT (FT.)	35	35

RECORD OWNER/APPLICANT
MEADOW HILL, LLC
P.O. BOX 1053
MONROE, NEW YORK 10956

LEGEND:

- PROPOSED DWELLING
- PROPOSED WELL
- PROPOSED SDS
- PROPOSED PROP. LINE
- BUILDING SETBACK LINE
- EXISTING UTILITY POLE
- WETLAND LIMITS
- SLOPES > 30%
- EXISTING CONTOUR
- SOILS LINE

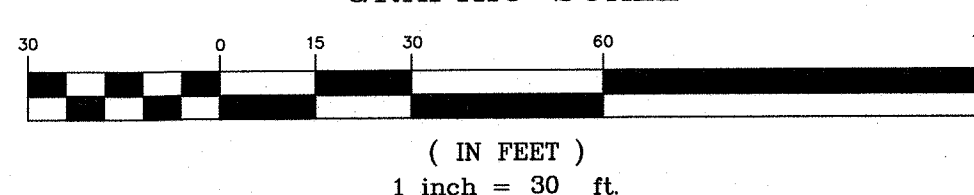


BEFORE YOU DIG, DRILL OR BLAST!
-CALL TOLL FREE 1-800-962-7962
-NY INDUSTRIAL CODE RULE 753 REQUIRES NO LESS THAN TWO WORKING DAYS NOTICE, BUT NOT MORE THAN TEN DAYS NOTICE.
-UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NYS EDUCATION LAW.
-THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THE SET.

CONSTRUCTION NOTES:

- CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND VERIFY ALL LOCATIONS, ELEVATIONS, INVERTS, ETC. PRIOR TO ANY CONSTRUCTION AND NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES ON THIS PLAN.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND HAVE UTILITIES FIELD LOCATED BY RESPECTIVE UTILITY COMPANIES AND SHALL ASSUME FULL RESPONSIBILITY AND SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING CONTINUOUS UTILITY SERVICE AND REPAIRS TO ANY DAMAGE.
- PROJECT SAFETY AND TRAFFIC MAINTENANCE ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR TO COORDINATE WITH ALL COMPANIES TO ASSURE ADEQUATE SUPPLY AND SCHEDULING OF NEW SERVICE, WHERE REQUIRED, TO FIT THE CONSTRUCTION SCHEDULING AND SEQUENCE TO ASSURE NO DAMAGE OR DISTURBANCE TO EXISTING SERVICES.

GRAPHIC SCALE



GENERAL NOTES:

- TAX MAP DESIGNATION: TOWN OF CHESTER: SECTION 15 BLOCK 1 LOT 24.
- TOTAL AREA OF PARCEL: 4.8± ACRES.
- TOTAL NUMBER OF RESIDENTIAL LOTS PROPOSED: 3.
- PROPOSED USE: SINGLE FAMILY DETACHED DWELLINGS.
- PARCEL IS LOCATED WITHIN THE SR-2 ZONING DISTRICT.
- PARCEL IS LOCATED WITHIN THE MONROE WOODBURY SCHOOL DISTRICT.
- ALL LOTS TO BE SERVED BY INDIVIDUAL WELLS AND SEPTICS.
- ALL UTILITY SERVICE TO THE SITE SHALL BE UNDERGROUND.
- A FIELD SURVEY WAS COMPLETED ON MARCH 28, 2019 BY NORTH COUNTRY ECOLOGICAL SERVICES AND HAS DETERMINED THAT THERE ARE NO A.C.O.E. JURISDICTIONAL WETLANDS ONSITE.
- A TIME OF YEAR RESTRICTION FOR TREE REMOVAL BETWEEN NOVEMBER 1ST AND MARCH 31ST IS TO BE IMPLEMENTED FOR THE PROJECT TO AVOID IMPACTS TO THE INDIANA BAT.

PLAN INDEX

SHEET NO.	DRAWING TITLE
1	COVER SHEET/SUBDIVISION PLAN
2	SUBDIVISION PLAT
3	EROSION CONTROL PLAN
4	EROSION CONTROL & SITE DETAILS
5	SANITARY & WATER SUPPLY DETAILS

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

4-12-19	UPDATE PLAN AS PER WL CONST. SOILS TESTS	JUP
10-10-18	SKETCH PLAN PREPARATION DATE	JUP
DATE	DESCRIPTION	INITIALS
	REVISIONS	
MAP CHECK DATE:	00/00/00	INITIALED BY: --

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 284-0608

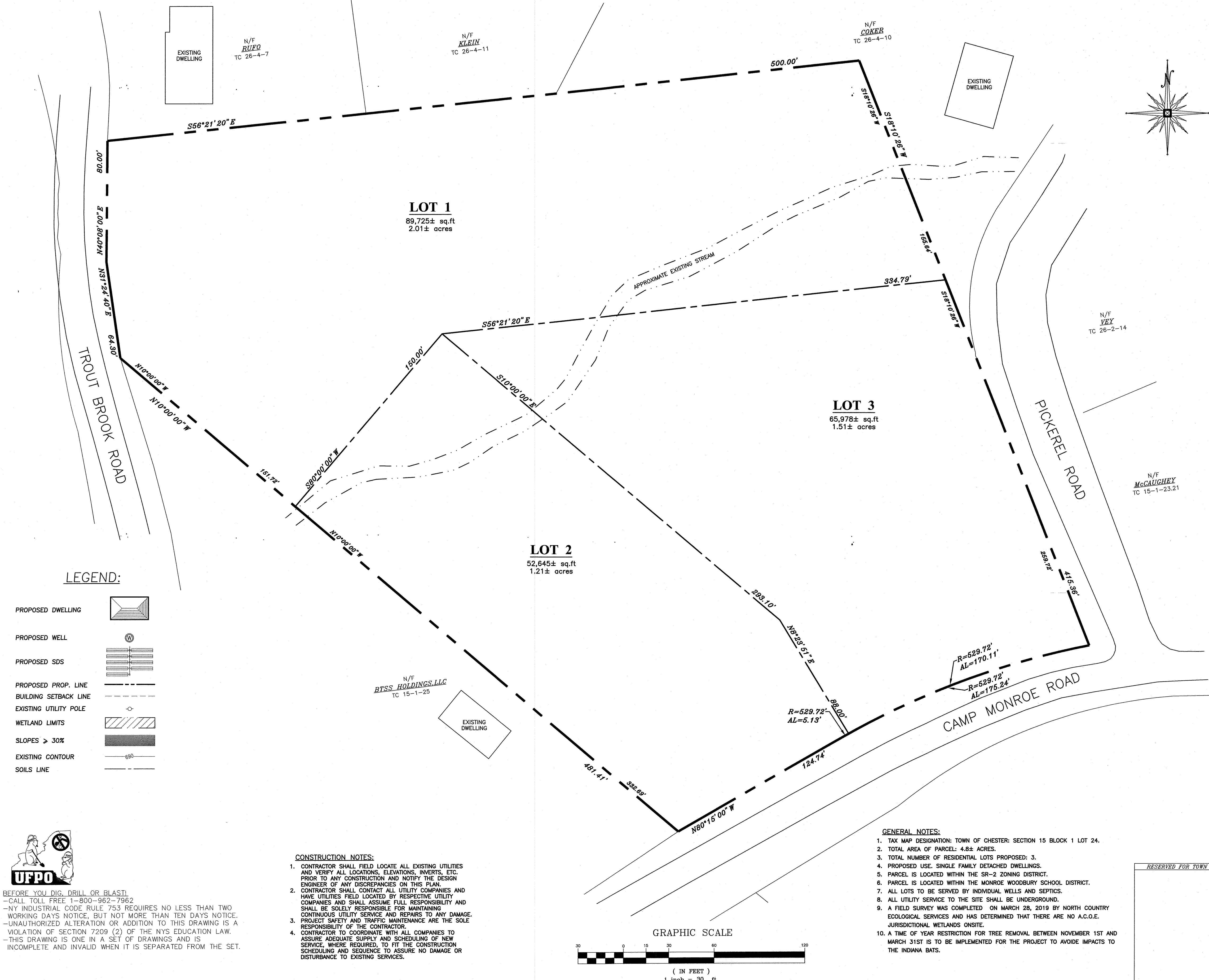
JOSEPH I. PIETRZAK, P.E., L.S.
LICENSE NO. 050323
MICHAEL F. CROGAN, P.E., L.S.
LICENSE NO. 050323
DATE: 4-12-19

LANDS OF MEADOW HILL
MINOR SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
**COVER SHEET/
SUBDIVISION PLAN**
SECTION 15 BLOCK 1 LOT 24

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE NYS STATE EDUCATION LAW.	
O.C.H.D. SHEET NO. N/A OF N/A	D.E.C. SHEET NO. N/A OF N/A
SCALE 1"=30'	CAD REFERENCE 18121-WORK-4-11-19
	PROJECT NUMBER 18121.01



BULK REQUIREMENTS
SR-2 ZONING DISTRICT
(USE GROUP-SINGLE FAMILY DETACHED DWELLING)

	MIN. REQUIRED	PROVIDED
LOT AREA (AC.)	1	>1
LOT WIDTH (FT.)	150	>150
FRONT YARD (FT.)	60	>60
SIDE YARD (FT.)	30	>30
BOTH SIDE YARDS (FT.)	60	>60
REAR YARD (FT.)	60	>60
MAX. PERMITTED		
BLDG. COVERAGE (%)	15	<15
BLDG. HEIGHT (FT.)	35	35

RECORD OWNER/APPLICANT
MEADOW HILL, LLC
P.O. BOX 1053
MONROE, NEW YORK 10958

- SURVEY NOTES:**
1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE N.Y.S. EDUCATION LAW.
 2. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
 3. CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNER.
 4. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN HEREON.
 5. CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS UNDERGROUND IMPROVEMENTS MAY EXIST WHICH WERE NOT LOCATED AT THE TIME OF THIS SURVEY.
 6. ALL INTERIOR FEATURES ARE NOT SHOWN HEREON.
 7. SUBJECT TO AN UP TO DATE AND ACCURATE TITLE REPORT.
 8. SUBJECT TO ANY EASEMENTS OR AGREEMENTS, IF ANY.
 9. SUBJECT TO ANY RIGHTS, TITLE OR INTEREST BY OTHERS TO PROPERTY IN/AND OR ALONG THE ROADWAYS SHOWN HEREON.
 10. SUBJECT TO ANY RIGHTS, TITLE, EASEMENTS, OR INTEREST BY UTILITY COMPANIES TO UTILITIES RUNNING IN AND/OR ALONG SAID PARCELS.
 11. TOPOGRAPHY AND SOME EXISTING FEATURES BASED ON AN AERIAL SURVEY PREPARED BY ROBINSON AERIAL SURVEYS, INC. ON JUNE 5, 2014.

- LEGEND:**
- PROPOSED DWELLING
 - PROPOSED WELL
 - PROPOSED SDS
 - PROPOSED PROP. LINE
 - BUILDING SETBACK LINE
 - EXISTING UTILITY POLE
 - WETLAND LIMITS
 - SLOPES > 30%
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 - SOILS LINE

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4-12-19 UPDATE PLAN AS PER WL CONST. SOILS TESTS JAP
10-10-18 SKETCH PLAN PREPARATION DATE JAP
DATE DESCRIPTION INITIALS
REVISIONS
MAP CHECK DATE: 00/00/00 INITIALED BY: --
PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
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2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 796-4848
JOSEPH J. PIETRZAK, P.E., S.E., L.S. LICENSE NO. 050323
MICHAEL F. PFAU, P.E., S.E., L.S. LICENSE NO. 050323
VINCENT A. PIETRZAK, P.E., S.E., L.S. LICENSE NO. 050075
VINCENT A. PIETRZAK, P.E., S.E., L.S. LICENSE NO. 050075
SIGNATURE DATE 9-12-19
LANDS OF MEADOW HILL
MINOR SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE
SUBDIVISION PLAT
SECTION 15 BLOCK 1 LOT 24
DRAWING TITLE
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.L.D. SHEET NO. N/A OF N/A D.E.C. SHEET NO. N/A OF N/A DRAWING NUMBER 2 OF 5
SCALE 1"=30' CAD REFERENCE 18121-WORK-4-11-19 PROJECT NUMBER 18121.01



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GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

4-12-19	UPDATE PLAN AS PER WL CONST. SOILS TESTS	JJP
10-10-18	SKETCH PLAN PREPARATION DATE	JJP
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JOSEPH I. PIETRZAK, P.E.
LICENSE NO. 050023
MICHAEL F. PFAU, P.E.
LICENSE NO. 050023
THOMAS A. PIETRZAK, P.E., LEEDS AP
P.E. LICENSE NO. 050023
P.E. LICENSE NO. 050023
DATE 4/12/19

LANDS OF MEADOW HILL
MINOR SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

EROSION CONTROL
PLAN

SECTION 15 BLOCK 1 LOT 24

DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.D. SHEET NO. N/A OF N/A D.E.C. SHEET NO. N/A OF N/A DRAWING NUMBER 3 OF 5

SCALE 1"=30' CAD REFERENCE 18121-WORK-4-11-19 PROJECT NUMBER 18121.01

SOIL TEST RESULTS & SEPTIC SYSTEM DESIGN

LOT #	DEEP TEST PIT #1 RESULTS	DEEP TEST PIT #2 RESULTS	WITNESSED DEEP TEST PIT RESULTS	PERC RATE	SEPTIC SYSTEM DESIGN
1	0"-10" TOPSOIL 10"-34" LIGHT BROWN SILTY LOAM WITH LARGE STONES 34"-72" SANDY LOAM WITH LARGE STONES SEEPAGE @ 68" NO BEDROCK	0"-8" TOPSOIL 8"-36" LIGHT BROWN SILTY LOAM WITH GRAVEL 36"-76" SANDY LOAM WITH GRAVEL SEEPAGE @ 74" NO BEDROCK		PT1: 5 MIN. DEPTH: 24" PT2: 4 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 66 L.F. TOTAL DESIGNED: 4 LATERALS @ 20', 80 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
2	0"-10" TOPSOIL 10"-42" LIGHT BROWN SILTY LOAM WITH GRAVEL AND STONES 42"-70" SAND WITH TRACE GRAVEL NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-8" TOPSOIL 8"-36" LIGHT BROWN SILTY LOAM WITH LARGE STONES 36"-70" COARSE SAND WITH PEA GRAVEL NO MOTTLING, NO BEDROCK, NO GROUNDWATER		PT1: 5 MIN. DEPTH: 24" PT2: 5 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 66 L.F. TOTAL DESIGNED: 4 LATERALS @ 20', 80 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
3	0"-8" TOPSOIL 6"-50" LIGHT BROWN SILTY LOAM WITH LARGE STONES 50"-72" COARSE SAND NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-6" TOPSOIL 6"-46" LIGHT BROWN SILTY LOAM WITH GRAVEL AND LARGE STONES 46"-68" COARSE SAND WITH SOME LARGE STONES NO MOTTLING, NO BEDROCK, NO GROUNDWATER		PT1: 8 MIN. DEPTH: 24" PT2: 8 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 88 L.F. TOTAL DESIGNED: 4 LATERALS @ 28', 112 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS

SOIL TESTING AND SEPTIC SYSTEM DESIGN NOTES:

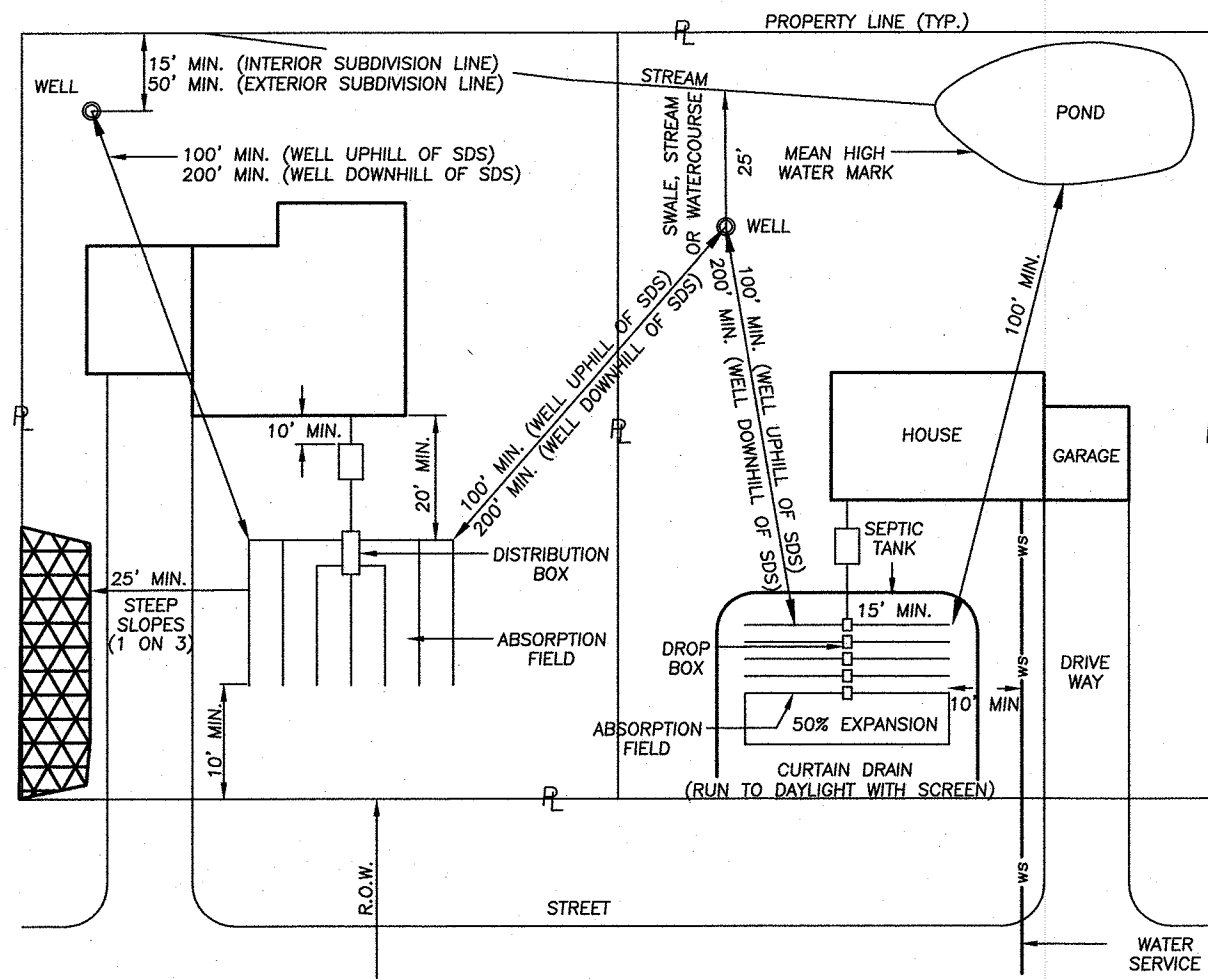
- PERCOLATION TESTS WERE PERFORMED BY PIETRZAK & PFAU, PLLC ON 4-11-19.
- PERCOLATION TESTS WERE PERFORMED AT A DEPTH OF 24" UNLESS NOTED OTHERWISE.
- DEEP TEST PITS WERE WITNESSED BY PIETRZAK & PFAU, PLLC ON 4-11-19.
- SEPTIC SYSTEM DESIGN BASED ON 110 GALLONS PER BEDROOM PER DAY.
- SEPTIC SYSTEM DESIGN FOR 4 BEDROOM MAXIMUM UNLESS NOTED OTHERWISE.
- ALL SEPTIC SYSTEM DESIGNS INCLUDE 35 GALLONS PER DAY OF BACKWASH FOR THE OPTIONAL WATER SORTER, MAKING A TOTAL DISCHARGE OF 475 GALLONS PER DAY.
- SURFACE WATER DIVERSION SWALES ARE REQUIRED ON ALL LOTS.

GENERAL NOTES - SEWAGE SYSTEMS

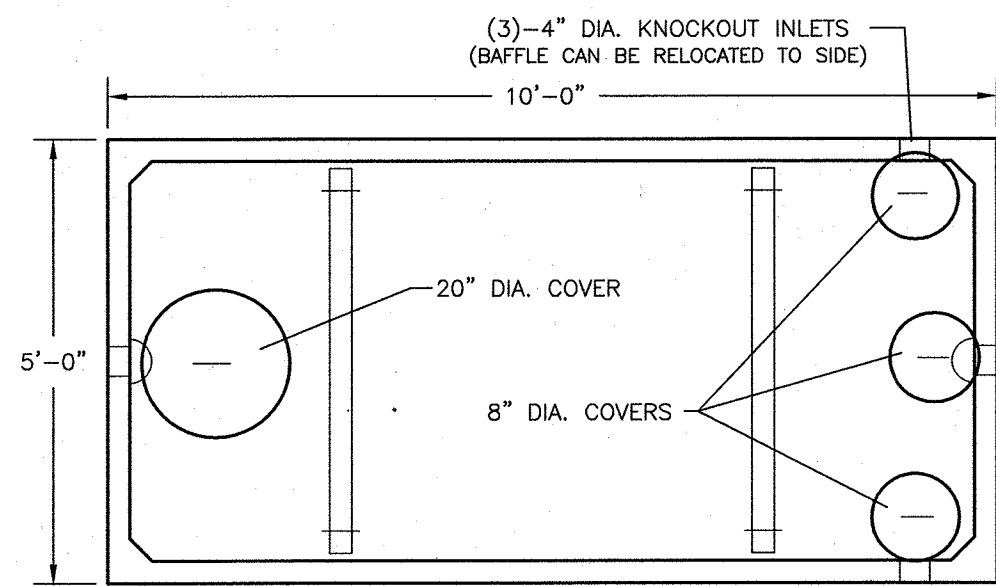
- SEPTIC SYSTEMS TO CONFORM TO THE MINIMUM REQUIREMENTS OF THE N.Y.S. HEALTH DEPARTMENT STANDARDS/CODES FOR INDIVIDUAL DISPOSAL SYSTEMS, APPENDIX 75-A, AND THE AUTHORITY HAVING JURISDICTION.
- THE SANITARY FACILITIES ON THESE PLANS SHALL BE INSPECTED FOR COMPLIANCE, WITH THE APPROVED PLANS, AT THE TIME OF CONSTRUCTION, BY A LICENSED PROFESSIONAL ENGINEER, WRITTEN CERTIFICATION TO THAT EFFECT SHALL BE SUBMITTED TO THE COUNTY HEALTH DEPARTMENT AND THE LOCAL BUILDING CODE ENFORCEMENT OFFICER PRIOR TO OCCUPANCY, AND SHALL INDICATE THAT ANY JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS AND THAT THE TANK IS INSTALLED IN ACCORDANCE WITH APPENDIX 75-A AND THE MANUFACTURER'S INSTRUCTIONS.
- SEPTIC FIELDS AND WELLS SHALL NOT BE RELOCATED.
- ALL PERCOLATION TESTS TAKEN AT 24" - 30" UNLESS OTHERWISE NOTED.
- SEPTIC SYSTEM DESIGNS ARE BASED ON THE SLOWEST PERCOLATION RATE FOUND WITHIN THE AREA OF THE SYSTEM.
- LAUNDRY WASTE IS TO BE DISCHARGED INTO THE SEPTIC SYSTEM.
- HOUSE SEWER AND SEWER RUNS SHALL NOT EXCEED 75' BETWEEN POINTS OF POSSIBLE CLEANOUT. AT LEAST ONE CLEANOUT IS TO BE PROVIDED. BENDS ARE TO BE AVOIDED BUT WHERE REQUIRED AN ADDITIONAL CLEANOUT SHALL BE INSTALLED.
- THE MAXIMUM LENGTH OF ABSORPTION LINES USED IN CONJUNCTION WITH GRAVITY DISTRIBUTION SHALL BE 60 FEET.
- FOOTING DRAINS ARE NOT TO DISCHARGE INTO THE SEPTIC SYSTEM. FOOTING DRAINS ARE TO RUN TO DAYLIGHT WITH ROCKET SCREEN.
- UNLESS OTHERWISE INDICATED ON THESE PLANS, INDIVIDUAL SEPTIC TANKS ARE NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS.
- TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOILS.
- SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING SAND.
- THE END OF ALL DISTRIBUTOR PIPES SHALL BE PLUGGED.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE TIE FIELD EXCEPT FOR THE ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD BEFORE, DURING AND AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- THERE IS NO REGRADING ALLOWED IN THE AREA OF THE ABSORPTION FIELD.
- NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES WHICH MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, OR "JACUZZI" TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SDS IS REDESIGNED TO ACCOUNT FOR THEM AND REAPPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.

GENERAL NOTES - WATER SYSTEMS

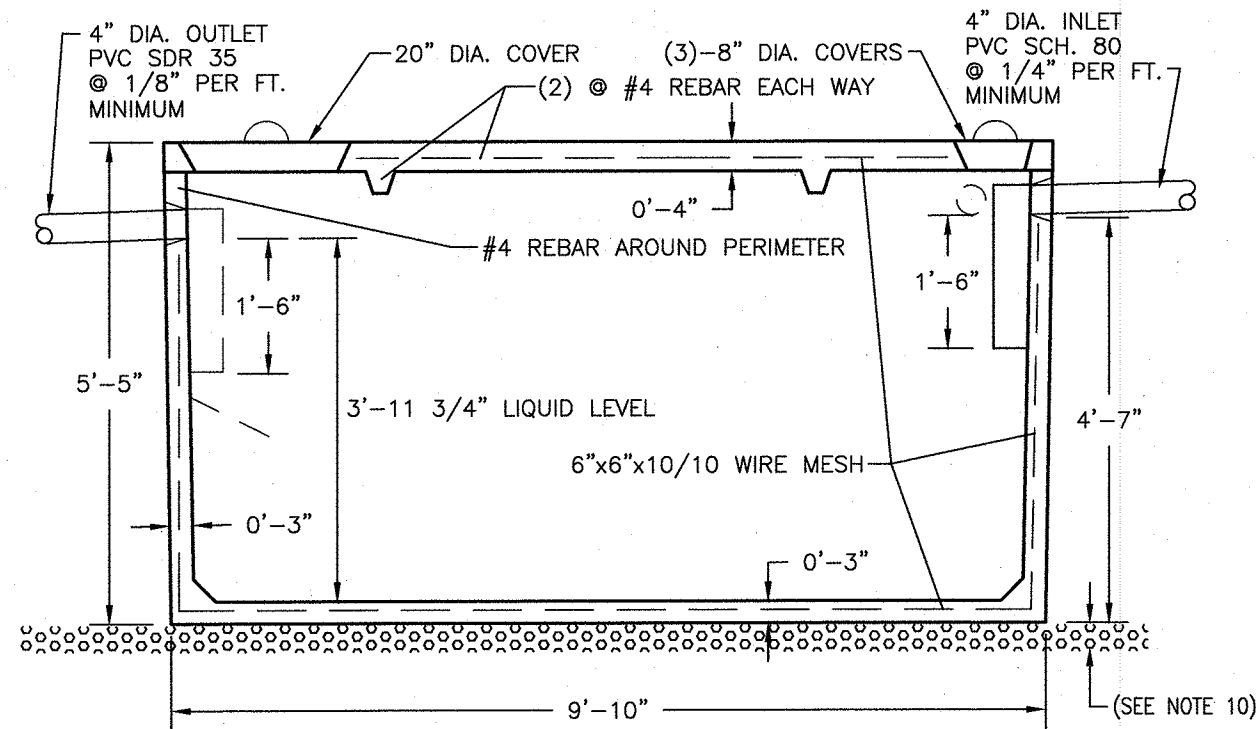
- WELL CONSTRUCTION SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE N.Y.S. HEALTH DEPARTMENT STANDARDS.
- TREATMENT FOR HARDNESS SHOULD BE CONSIDERED ONLY IF EXCESSIVE HARDNESS IS FOUND (GREATER THAN 150 MG/L).
- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED.
- FOOTING DRAINS WITHIN 25 FEET OF A WELL MUST BE WATER TIGHT.
- WELLS ARE TO BE INSTALLED 100 FEET FROM ANY SEPTIC SYSTEM, AND 200 FEET FROM ANY SEPTIC SYSTEM UPHILL FROM THE WELL.
- WELL CASING IS TO BE INSTALLED 10 FEET INTO IMPERVIOUS BEDROCK.
- NEW YORK STATE SANITARY CODE, PART 5, APPENDIX 5-B REQUIRES A 50% INCREASE IN SEPARATION DISTANCES OR 50' MINIMUM WELL CASING IF AQUIFER WATER ENTERS THE WELL LESS THAN 50' BELOW GRADE.



TYPICAL SEPARATION DISTANCE REQUIREMENTS



PLAN



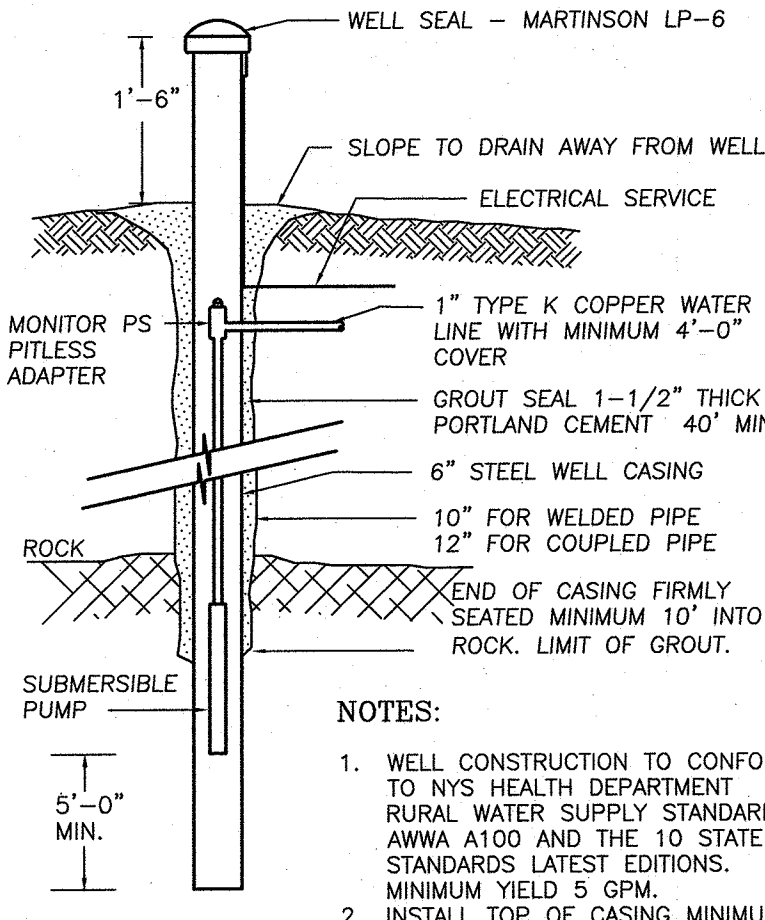
SECTION

NOTES:

- BUILDING SEWER TO BE SCHEDULE 80 PVC.
- SEPTIC TANK TO BE INSTALLED A MINIMUM OF TEN (10) FEET FROM BUILDING FOUNDATION.
- LOCATION STAKE TO BE SET IN GROUND DIRECTLY ABOVE THE INLET END COVER.
- SEPTIC TANK TO BE COVERED WITH EARTH TO A MINIMUM DEPTH OF 6" AND A MAXIMUM DEPTH OF 12".
- PRECAST CONCRETE TO REACH 4000 PSI STRENGTH @ 28 DAYS. TANK CONSTRUCTION JOINTS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT.
- INLET INVERT TO BE 3" HIGHER THAN OUTLET INVERT.
- INLET AND OUTLET JOINTS TO BE SEALED WITH PORTLAND CEMENT GROUT.
- PRECAST CONCRETE SEPTIC TANK TO BE AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL ST1250 OR EQUAL.
- 4" MINIMUM OF SAND, PEA GRAVEL OR TRENCH AGGREGATE FOR BEDDING.
- SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.

1,250 GALLON SEPTIC TANK DETAIL

N.T.S.

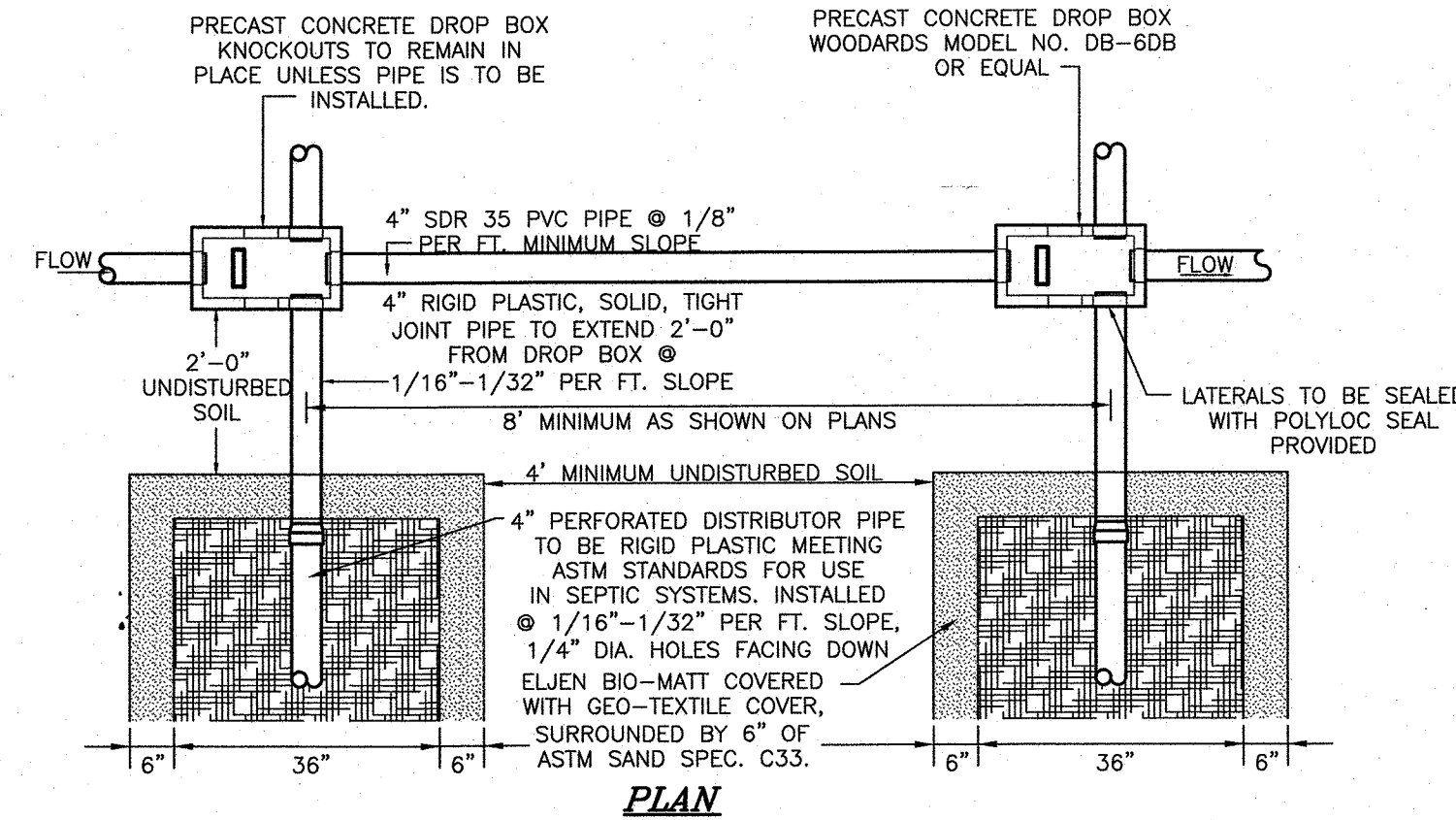


WELL DETAIL

N.T.S.

NOTES:

- WELL CONSTRUCTION TO CONFORM TO NYS HEALTH DEPARTMENT RURAL WATER SUPPLY STANDARDS, AWWA A100 AND THE 10 STATE STANDARDS LATEST EDITIONS. MINIMUM YIELD 5 GPM.
- INSTALL TOP OF CASING MINIMUM 24" ABOVE THE 100 YEAR FLOOD LEVEL.
- ANTICIPATED DEPTHS OF WELL CASINGS ARE 40' AND THROUGH BEDROCK.
- DIAMETER OF DRILL HOLES TO BE 10"-12" THROUGH OVERBURDEN, AND 6" THROUGH ROCK.
- IF WATER IS ENCOUNTERED AT A DEPTH OF LESS THAN 50 FEET, THE MINIMUM CASING AND REQUIREMENT SHALL BE 50 FEET.



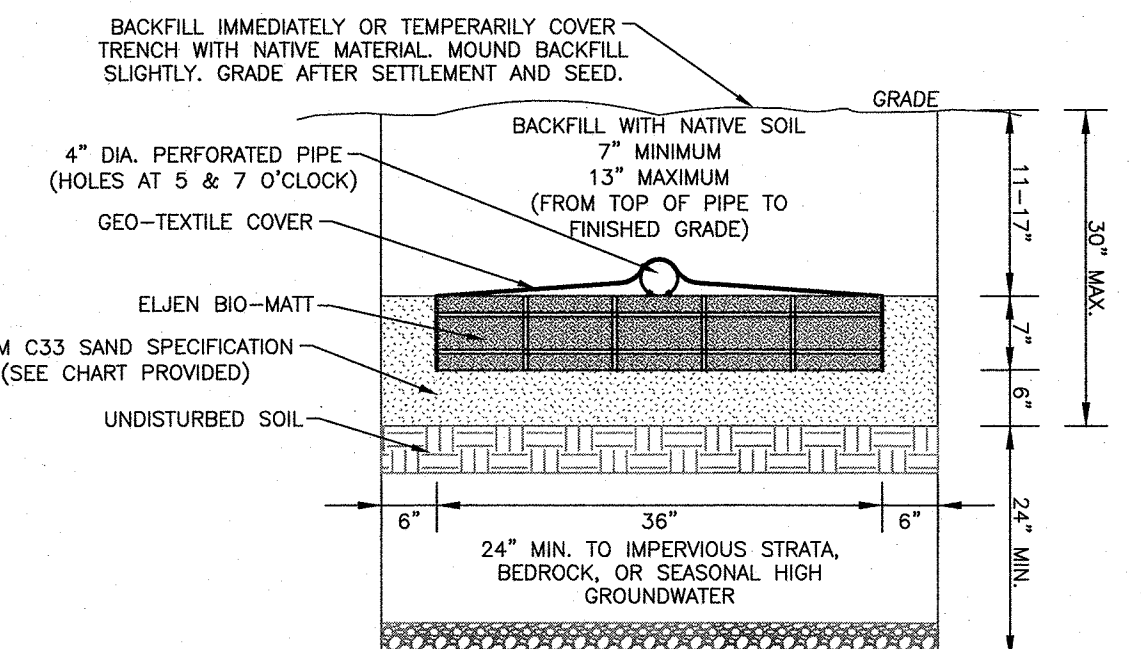
PLAN

NOTES:

- ABSORPTION FIELDS SHALL NOT BE BUILT UNDER DRIVEWAYS, PARTS OF BUILDINGS, OR UNDER ABOVE GROUND POOLS, OR OTHER AREAS SUBJECT TO HEAVY LOADINGS.
- THE SAND BEDDING SHALL BE COVERED WITH THE GEOTEXTILE FABRIC PROVIDED WITH EACH UNIT.
- TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOIL.
- SIDES AND BOTTOM OF TRENCH SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING SAND.
- THE END OF ALL DISTRIBUTOR PIPES SHALL BE PLUGGED.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE FIELD EXCEPT FOR ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD, BEFORE OR AFTER CONSTRUCTION.
- DISTRIBUTION LATERALS SHALL BE SLOPED AT 1/16"-1/32" PER FOOT.
- ABSORPTION TRENCH BOTTOM TO BE SET LEVEL.
- DISTRIBUTION LATERALS ARE TO BE SET WITH PERFORATIONS FACING DOWN.

ELJEN IN-DRAIN SYSTEM
DROP BOX/ABSORPTION TRENCH DETAIL

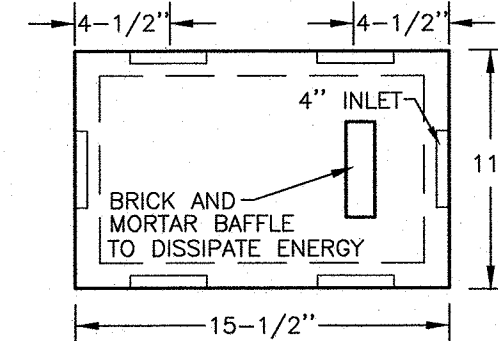
N.T.S.



ASTM C33 SAND SPECIFICATION		
SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION % PASSING (WET SIEVE)
0.375"	9.5 mm	100.0 - 100.0
#4	4.75 mm	95.0 - 100.0
#5	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 µm	25.0 - 60.0
#50	300 µm	5.0 - 30.0
#100	150 µm	< 10.0
#200	75 µm	< 5.0

ELJEN IN-DRAIN CROSS SECTION DETAIL

N.T.S.



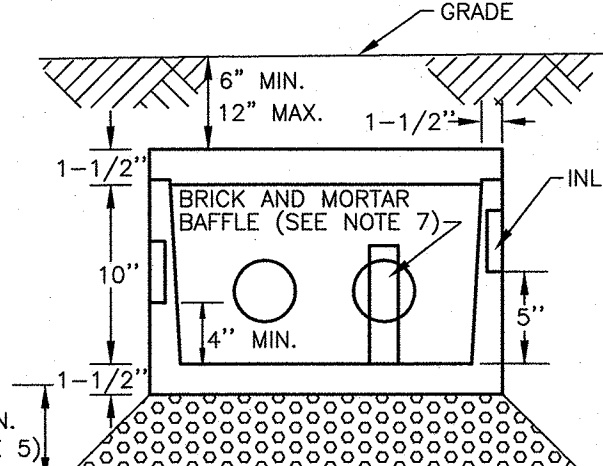
PLAN

NOTES:

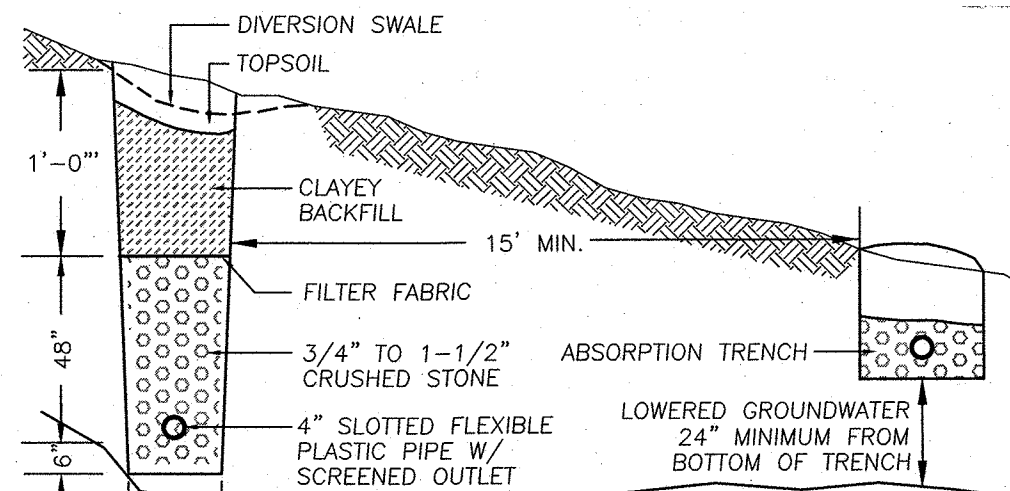
- DROP BOX TO BE AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL NO. DB-60B OR APPROVED EQUAL.
- CONCRETE TO TEST 4,000 PSI AT 28 DAYS.
- ALL OUTLETS NOT USED SHALL REMAIN PLUGGED.
- BOX TO BE INSTALLED WITH A MIN. 6" AND MAX. 12" EARTH COVER.
- BOX TO BE INSTALLED ON 12" MIN. OF SAND, PEA GRAVEL, OR TRENCH AGGREGATE.
- PIPE JOINTS TO BE SEALED WITH POLYLOK SEAL OR EQUAL.
- BRICK AND MORTAR BAFFLE TO BE INSTALLED IN THE CENTER, FOUR (4) INCHES FROM THE INLET END.

5-OUTLET DROP BOX DETAIL

N.T.S.

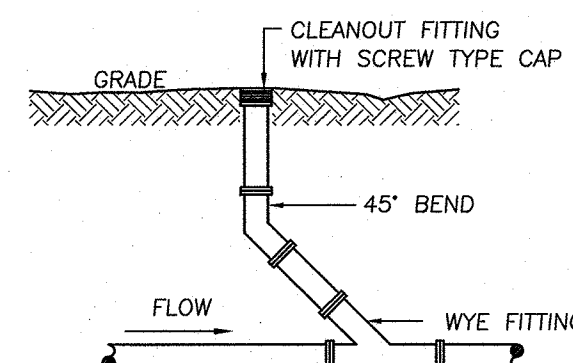


SIDE VIEW



CURTAIN DRAIN DETAIL

N.T.S.



CLEANOUT DETAIL

N.T.S.



BEFORE YOU DIG, DRILL OR BLAST!
-CALL TOLL FREE 1-800-962-7962

- NY INDUSTRIAL CODE RULE 753 REQUIRES NO LESS THAN TWO WORKING DAYS NOTICE, BUT NOT MORE THAN TEN DAYS NOTICE.
- UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NYS EDUCATION LAW.
- THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THE SET.

4-12-19	UPDATE PLAN AS PER WL CONST. SOILS TESTS	JJP
10-10-18	SKETCH PLAN PREPARATION DATE	JJP
DATE	DESCRIPTION	INITIALS
REVISIONS		
MAP CHECK DATE:	00/00/00	INITIALED BY: --

PIETRZAK & PFAU
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UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. 1 D.E.C. SHEET NO. 1 DRAWING NUMBER 5 OF 5

SCALE NONE CAD REFERENCE 18121-WRK-4-11-19 PROJECT NUMBER 18121.01

LANDS OF MEADOW HILL
MINOR SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

SANITARY & WATER
SUPPLY DETAILS

SECTION 15 BLOCK 1 LOT 84

DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. 1 D.E.C. SHEET NO. 1 DRAWING NUMBER 5 OF 5

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RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL