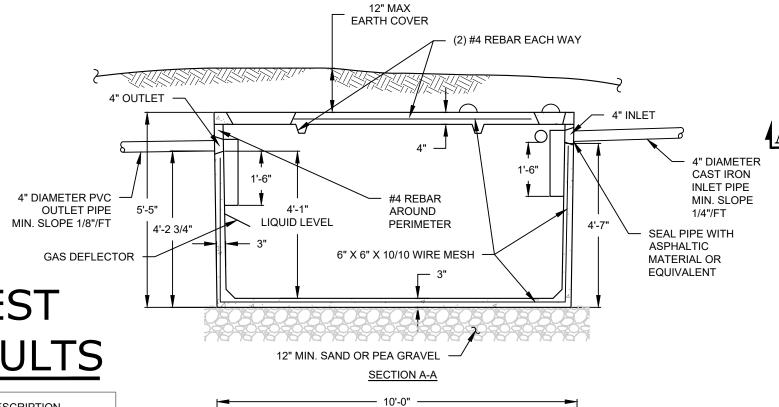
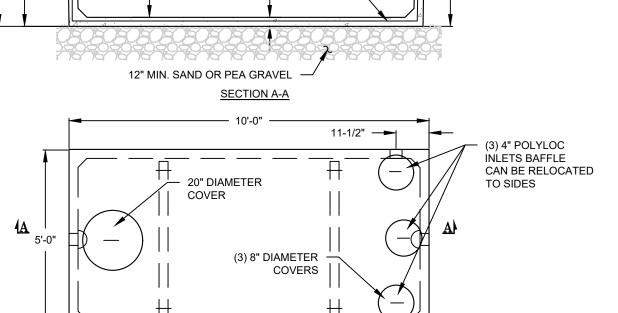


### SEPTIC SYSTEM DESIGN SCHEDULE REQUIRED ABSORPTION | PROPOSED ABSORPTION APPLICATION REQUIRED DESIGN RATE **PROPOSED** FIELD LENGTH PERC RATE RATE AREA FIELD LENGTH PERC RATE **BEDROOMS** (GPD) (GPD/Sq. ft.) (Sq. ft.) (ft) (ELJEN) 3 LATERALS @ 36 LF = 108 315 17 16-20 105 27 TOTAL ELJEN MATS PERCOLATION TEST RESULTS DEEP TEST HOLE RESULTS PERCOLATION TEST RUNS -STABLIZED STOPWATCH USED FOR ALL TESTS HOLE HOLE TIME HOLE # RATE DEPTH DIA (TIME FOR 1" DROP IN WATER LEVEL) DATE DEPTH DESCRIPTION **FINISH** HOLE # TP-07 03/01/23 0" - 12" BLACK TOP SOIL 03/01/23 12" - 18" TAN SANDY CLAY LOAM 10" START STOPWATCH USED FOR TIMED INTERVALS 2 MIN BROWN SAND 00:01:01 00:01:20 TIME TP-08 03/01/23 0" - 12" BLACK TOP SOIL 12" - 18" TAN SANDY CLAY LOAM **FINISH** 18" - 60" BROWN SAND STOPWATCH USED FOR TIMED INTERVALS 17 MIN START 00:016:13 00:16:16 00:16:00 - 4"Ø SDR-35 SEWER PIPE FROM MOUND TOPSOIL SEPTIC TANK @ 1.0% MIN FOR SETTLING TOPSOIL - PUMP TANK EXISTING GRADE (SEE DETAIL) ✓ CLEAN BACKFILL 4" PERFORATED PIPE 1.5"Ø SDR-26 FORCE MAIN WITH CONTINUOUS GEO-TEXTILE DISTRIBUTION BOX WITH ADJUSTABLE — SLOPE BACK TO PUMP TANK OUTLET LEVELERS AND INLET BAFFLES ELJEN MODULE **ELJEN IN-DRAINS** ∠ CONCRETE SAND 4" DIA. SDR 35 PERF. PIPE 00' MAX LENGTH PERF. PIPE & IN-DRAIN UNITS 4" DIA. OBSERVATION PORT — L 2' MIN TO BEDROCK PLAN VIEW OR GROUNDWATER **ELJEN IN-DRAIN SYSTEM** TYPICAL ELJEN TRENCH SECTION PER PLAN EXISTING GRADE MIN. TRENCH DEPTH UNDISTURBED NATIVE SOIL CAPPED PIPE TIGHT CLAY SOIL. HARDPAN, ROCK A-A - TILE FIELD OR GROUNDWATER FINISHED GRADE ABSORPTION TRENCH WITH ELJEN SYSTEM





PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY WOODARDS CONCRETE PRODUCTS, INC.MODEL ST 1250, OR APPROVED EQUAL. CONCRETE - 4000 PSI AT 28 DAYS.

REINFORCEMENT - 6" X 6" X 10 GAUGE WIRE MESH. SECTIONS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT

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

- TOP OF CASING MIN OF 2 FT ABOVE

SLOPE SURFACE AWAY FROM CASING

6" STEEL CASING IN COMPLIANCE WITH

MIN DRILL HOLE 10" DIA

1 1/2" MIN CEMENT GROUT SEAL

SAME AS NOTE 3

SUBMERSIBLE PUMP

(SIZED FOR HEAD &

**VOLUME CONDITIONS)** 

AWWA STANDARD A100, LATEST EDITION

IMPERVIOUS CLAY ANNULUS

100-YR FLOOD LEVEL

BURY ELECTRIC WIRE

WITH WATER LINE

COPPER WATER LINE

1" DIA, TYPE "K"

> PITLESS ADAPTER

1250 GALLON SEPTIC TANK

# DRIVEWAY PLAN - 6" THICKNESS OF 2" CLEAN STONE POLY-FILTER X FILTER CLOTH AS-MANUFACTURED BY CARTHAGE COMPACTED SUBGRADE MILLS OR APPROVED EQUAL

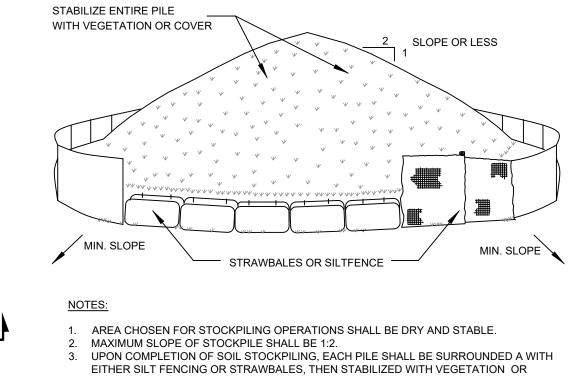
## SECTION A-A

ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

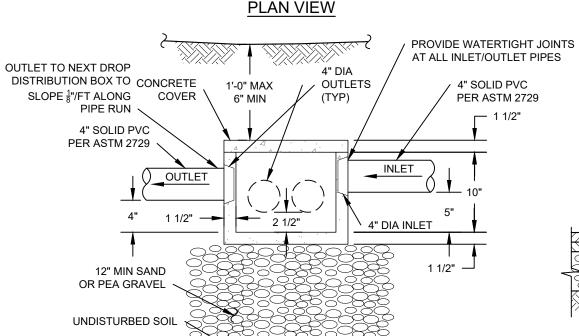
- STONE SIZE USE 2" STONE MIN, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. WIDTH - 10 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH OF DRIVEWAY AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM
- WITH 5:1 SLOPES WILL BE PERMITTED MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF- WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED
- WASHING WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED. IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH SIGNIFICANT

# STABILIZED CONSTRUCTION ENTRANCE

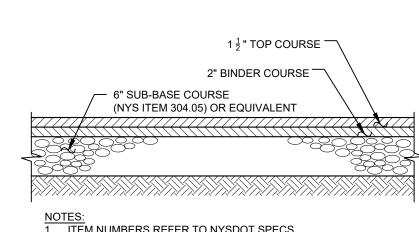
PLACE. OVER HAY OR STRAW MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED. 9. STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING LIME AND FERTILIZER AS SPECIFIED ABOVE AND SEEDING WITH THE FOLLOWING MIXTURE:



FIELD INSTALLED BAFFLE 4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE. SOIL STOCKPILING



4" FROM INLET



ITEM NUMBERS REFER TO NYSDOT SPECS

# DRIVEWAY PAVEMENT SECTION

## 3 DAYS PRIOR TO START OF CONSTRUCTION. CONSTRUCTION STAGING: STAKE OUT LIMIT OF DISTURBANCE. INSTALL SILT FENCE DOWNHILL OF PROPOSED CONSTRUCTION. INSTALL ORANGE

CONSTRUCTION FENCING ALONG THE LIMITS OF DISTURBANCE. INSTALL STABILIZED CONSTRUCTION ENTRANCE(S). INSTALL PERMANENT / TEMPORARY 3. CLEARING AND GRUBBING: REMOVE VEGETATION FROM AREA OF

CONSTRUCTION ACTIVITY

SURFACES. SOIL RESTORATION SHALL CONSIST OF THE FOLLOWING:

- CONSTRUCTION. STRIP TOPSOIL AND STOCKPILE IN AREAS SHOWN ON THE PLAN. INSTALL SEDIMENT SEDIMENT BARRIERS AROUND AND ESTABLISH TEMPORARY VEGETATION ON TOPSOIL STOCKPILES.
- ROUGH GRADING: CUT AND FILL SITE TO APPROXIMATE ELEVATIONS SHOWN ON THE PLAN. IMPLEMENT DUST CONTROL MEASURES AS NECESSARY. ESTABLISH PERMANENT STABLIZATION IN AREAS THAT ARE COMPLETE ESTABLISH TEMPORARY STABLIZATION ON AREAS THAT WILL BE GRADED AGAIN MORE THAN 21 DAYS FROM LAST DISTURBANCE. 5. DRIVEWAY / BUILDING CONSTRUCTION AND UTILITY INSTALLATION: FINAL

GRADING AND CONSTRUCTION OF DRIVEWAYS. BUILDING EXCAVATION AND

PRE-CONSTRUCTION: NOTIFY APPROPRIATE MUNICIPAL AND UTILITY OFFICIALS

EROSION AND SEDIMENTATION

SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION

SEDIMENT BASIN, TEMPORARY DIVERSION SWALE DRAINAGE STRUCTURES, AND RIP-RAP

PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND

3. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING

3.2. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY PH OF 6.0 TO 7.0.

CERTIFIED "AROOSTOOK" WINTER RYE (CEREAL RYE) PER ACRE.

2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE

PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.

8 LBS EMPIRE BIRDSFOOT TREFOIL OR COMMON WHITE CLOVER

DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF

3.1. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING

3.3. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED PER SOIL TEST RESULTS OR AT

3.4. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 30 DAYS SHALL BE SEEDED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER:

30 LBS. RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER, USE 100 LBS.

3.5. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN TOPSOIL AT THE FOLLOWING RATE:

3.6. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING

4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DRAINAGE STRUCTURES SHALL BE

PROMPTLY TO MAINTAIN PROPER FUNCTION. TRAPPED SEDIMENT SHALL BE REMOVED AND

5. TEMPORARY CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE

6. ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.

DEPOSITED IN A PROTECTED AREA IN A PROPER MANNER WHICH WILL NOT RESULT IN FROSION

PERMANENTLY STABILIZED AND GROUND COVER IS COMPLETELY REESTABLISHED. FOLLOWING

STABILIZATION. TEMPORARY MEASURES SHALL BE REMOVED TO AVOID INTERFERENCE WITH

SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN

. MULCH NETTING SUCH AS PAPER, JUTE, EXCELSIOR, COTTON OR PLASTIC MAY BE USED. STAPLE IN

11. ALL UPSTREAM SITE WORK AND STABILIZATION SHALL OCCUR BEFORE CONNECTING UNDERGROUND

12. IN ACCORDANCE WITH THE NYSDEC SPDES GP 0-20-001, THERE SHALL BE NO MORE THAN 5 ACRES

DETENTION/INFILTRATION FACILITY TO PREVENT ANY ERODED SEDIMENTS FROM ENTERING

EARTHWORK CONSTRUCTION NOTES

ALL TOPSOIL, ROOTS, STUMPS AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM ALI

4. CELLAR, ROOF AND FOOTING DRAINS SHALL CONNECT TO THE STORM DRAINAGE SYSTEM OR OTHER

ANCHORING IN ACCORDANCE WITH NOTES ENTITLED "SEDIMENTATION FROSION CONTROL"

ALL FILL FOR POND CONSTRUCTION, BELOW BUILDINGS AND PAVEMENT TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.

FREE-FLOWING OUTLET AT A MINIMUM SLOPE OF 0.5%. FOOTING DRAIN SHALL BE INSTALLED BENEATH

6. ALL SLOPES IN EXCESS OF 3H:1V SHALL BE CONSTRUCTED WITH LOCALLY AVAILABLE GLACIAL TILL. THE

TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D155

CONSTRUCT POND EMBANKMENT WITH LOCALLY AVAILABLE GLACIAL TILL WITH 3H:1V SIDE SLOPES OR AS

NOTED ON PLAN. THE EMBANKMENT FILL SHALL BE PLACED IN A SIX-INCH THICK CONTINUOUS LAYER OVER THE ENTIRE LENGTH.EACH LIFT SHALL BE PLACED AT OPTIMUM MOISTURE CONTENT AND COMPACTED TO

95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.

8. STABILIZATION OF POND BERMS, AND ALL SLOPES IN EXCESS OF 3H:1V IN ACCORDANCE WITH "EROSION AND

). ALL POND OUTLETS SHALL HAVE SEEPAGE CONTROL COLLARS PLACED AT 1/3 AND 2/3 THE WIDTH OF THE

10.B. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER,

TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS.

10.C. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED

10. SOIL RESTORATION SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL REMAIN AS PERVIOUS

ALL WORK TO BE PERFORMED TO THE SPECIFICATIONS OF THE TOWN OF CHESTER.

3.7. ALL DISTURBED AREAS SHALL BE STABILIZED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF

STRAW MULCH PER ACRE. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 LBS OF WOOD

FIBER MULCH PER ACRE WITH A HYDROSEEDER. OR TUCKING THE MULCH WITH SMOOTH DISCS

OR OTHER MULCH ANCHORING TOOLS TO A DEPTH OF 3". MULCH ANCHORING TOOLS SHALL BE

INSPECTED FOLLOWING EVERY RAIN EVENT, AND MAINTENANCE AND REPAIRS SHALL BE PERFORMED

TEMPORARY EROSION CONTROL MEASURES. INCLUDING SILT FENCES AND/OR STRAW BALE DIKES.

CONTROL NOTES

REMOVAL REQUIRED FOR CONSTRUCTION.

SURFACE DEBRIS AND OBSTACLES.

20 LBS TALL FESCUE PER ACRE PLUS

A RATE OF 600 LBS. PER ACRE.

UNLESS OTHERWISE APPROVED.

SUFFICIENT QUANTITIES.

PERENNIAL RYE GRASS

10. OPTIMUM SEEDING PERIODS ARE 3/15-6/1 AND 8/1-10/15.

SPREADING FESCUE

CROWN VETCH

DISTURBED AT ANYONE TIME.

SEDIMENTATION CONTROL NOTES".

10.A. APPLY 3 INCHES OF COMPOST OVER SUBSOIL

10.D. APPLY TOPSOIL TO A DEPTH OF 6 INCHES.

SEQUENCE OF

- CONSTRUCTION. INSTALL UTILITIES. ENSURE ALL EROSION CONTROL MEASURES ARE IN WORKING ORDER. 6. FINAL GRADING AND LANDSCAPING: COMPLETE FINE GRADING OF SITE. SPREAD
- TOPSOIL AND PREPARE FOR PERMANENT SEEDING AND PLANTING. ESTABLISH PERMANENT VEGETATION IN ALL REMAINING UNSTABILIZED AREAS. INSTALL ALL SITE LANDSCAPING AND PLANTINGS. POST CONSTRUCTION: UPON STABILIZATION OF THE SITE AND ESTABLISHMENT

### OF ALL VEGETATION COVER, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES SUCH AS SILT FENCE. REMOVE ALL SILT AND DEBRIS FROM THE SITE INCLUDING ROADWAYS, CATCH BASINS AND STORM DRAINS.

## THEY ARE LEVEL AND OPERATING PROPERLY. 6 HOLE DROP DISTRIBUTION BOX

DISTRIBUTION BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT

**SECTION A-A** 

1. DROP BOX AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC.

3. CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION

4. SEAL ALL JOINTS AT INLET/OUTLET PIPES ASPHALTIC MATERIAL OR

5. PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS

CATALOG No. DB-6DB OR APPROVED EQUAL

6. UNUSED OUTLETS TO REMAIN PLUGGED

2. MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS

		<u></u>
SILT FENCE FABRIC (3'-0" WIDE) MIRAFI 100X  SILT  GRADE  NATIVE SOIL  EXCAVATED TRENCH  6"	TAMPED BACKFILL	<ol> <li>WELL IS TO BE CASED AND GROUTED FOR A MIN OF 50' IN LENGTH.</li> <li>CASING SHALL EXTEND MINIMUM 20" INTO BEDROCK.</li> <li>OVERSIZE DRILL HOLE (FOR GROUTING) TO BE 10" DIAMETER.</li> <li>EXPECTED DEPTH OF LOAM AND SHALE OVERBURDEN = 5 - 30 FEET</li> <li>EXPECTED DEPTH OF WATER BEARING FORMATION = 300 - 600 FEET</li> <li>THE WELL CASING TO CONFORM TO AWWA STANDARD A100 (LATEST EDITION).</li> <li>SANITARY WELL SEAL SHALL BE MONITOR MODEL NO 6WE-1, MFG BY THE BAKER MFG CO; EVANSVIILE, WIS., OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.</li> <li>PITLESS ADAPTOR SHALL BE MONITOR MODEL NO 8PL61U, MFG BY THE BAKER MFG CO; EVANSVIILE, WIS., OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.</li> <li>DISCHARGE PIPE: 1" MIN OF TYPE "K" COPPER WATER LINE.</li> <li>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.</li> <li>PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEE' ANY WELL.</li> <li>MIN. WELL YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN GPM REQUIRES 24 HOURS OF STORAGE WITHIN HOME.</li> <li>CEMENT GROUT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.</li> </ol>
NOTES:		15. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "RURAL WATER SUPPLY", NYS DEPT OF HEALTH, LATEST EDITION.
SILT FENCE TO BE MAINTAINED IN     PLACE DURING CONSTRUCTION AND		16. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE THE MINIMUM SEPARATION DISTANCES ARE MET.

SOIL STABILIZATION PERIOD.

PROPOSED 4" PVC

**GRAVITY SEWER** 

TYPICAL CLEANOUT

4" PVC RISER

45° BEND

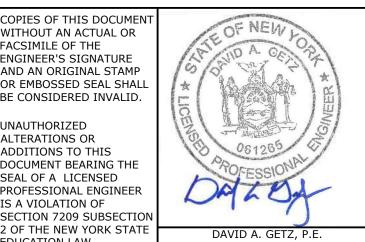
FENCE POST @ 8'-0" OC -

No. DATE DESCRIPTION 02/27/23 SEPTIC DESIGN PLAN 2 | 03/22/23 | REVISED FOR NEW ZONING DESIGNATION NDER PRESSURE SHALL NOT PASS CLOSER THAN 10' OF A SEPTIC INTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEET OF MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN 2-5 BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF ONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION

DRAWING STATUS THIS SHEET IS PART OF THE PLAN SET ISSUED FOR NUMBER N/A OF N/A CONCEPT APPROVAL ✓ PLANNING BOARD APPROVAL 4 OF 4 OCDOH REALTY SUBDIVISION APPROVAL OCDOH WATERMAIN EXTENSION APPROVAL ☐NYSDEC APPROVAL NYSDOT APPROVAI OTHER ☐FOR BID TFOR CONSTRUCTION THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED

ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP OR EMBOSSED SEAL SHALL BE CONSIDERED INVALID. JNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209 SUBSECTION OF THE NEW YORK STATE EDUCATION LAW.

FACSIMILE OF THE



ORIGINAL SCALE IN INCHES

NELSON LOT LINE CHANGE

Achieving Successful Results

with Innovative Designs

26 MCBRIDE ROAD TOWN OF CHESTER ORANGE COUNTY, NEW YORK

**DETAILS** 

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GOSHEN, NY 10924

Ph: (845) 457-7727

WWW.EP-PC.COM

AS SHOWN \_\_\_\_ 2-03/22/2023 1-1-77.2 & 1-1-82

N/A OF N/A FOR ANY OTHER PURPOSE.

## TYPICAL DRILLED WELL SECTION COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

12" (MIN) BUT AT LEAST 24"

ABOVE 100-YR FLOOD

**ELEVATION** 

20" MIN

INTO BEDROCK

MIN DRILL HOLE 6" DIA

ABSORPTION TILE FIELD OVERALL PLAN

1. SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE

THERE SHALL BE NO REGRADING IN THE AREA OF THE ABSORPTION FIELDS.

AND REAPPROVED BY THE TOWN OF CHESTER AND THE ORANGE COUNTY

4. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED

SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY COMPACT THE

ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL

RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN

9. GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP

10. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN

SYSTEMS, DESIGN HANDBOOK", LATEST EDITION, AND APPENDIX 75-A OF THE

THE PUBLICATION "INDIVIDUAL RESIDENTIAL WASTEWATER TREATMENT

12. ABSORPTION SYSTEM TO BE LOCATED A MINIMUM DISTANCE OF 20 FEET FROM

14. PROVIDE 30" OF SOLID PIPE PRIOR TO START OF PERFORATED ABSORPTION PIPE,

15. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK

16. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS

EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO

(OR ANY PUMPING OR DOSING CHAMBER) TO THE DWELLING, ALLOWING SEPTIC

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

13. SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR WATERTIGHTNESS.

IN THE VICINITY OF THE TILE FIELDS OR WELLS.

7. NO TRENCHES TO BE INSTALLED IN WET SOIL.

NEW YORK STATE DEPARTMENT OF HEALTH.

11. ABSORPTION TRENCH PIPE TO BE CAPPED AT END.

TO BE BACKFILLED WITH NATIVE MATERIAL.

GASES TO DISCHARGE THROUGH THE STACK VENT.

PIPES AND COVERS.

SOIL ARE NOT TO BE CONSTRUCTED OVER TILE FIELDS.

WATER SOFTENERS, GARBAGE GRINDERS AND/OR JACUZZI TYPE SPA TUBS OVER

100 GALLONS ARE NOT PERMITTED WITHOUT THE SYSTEM BEING REDESIGNED