



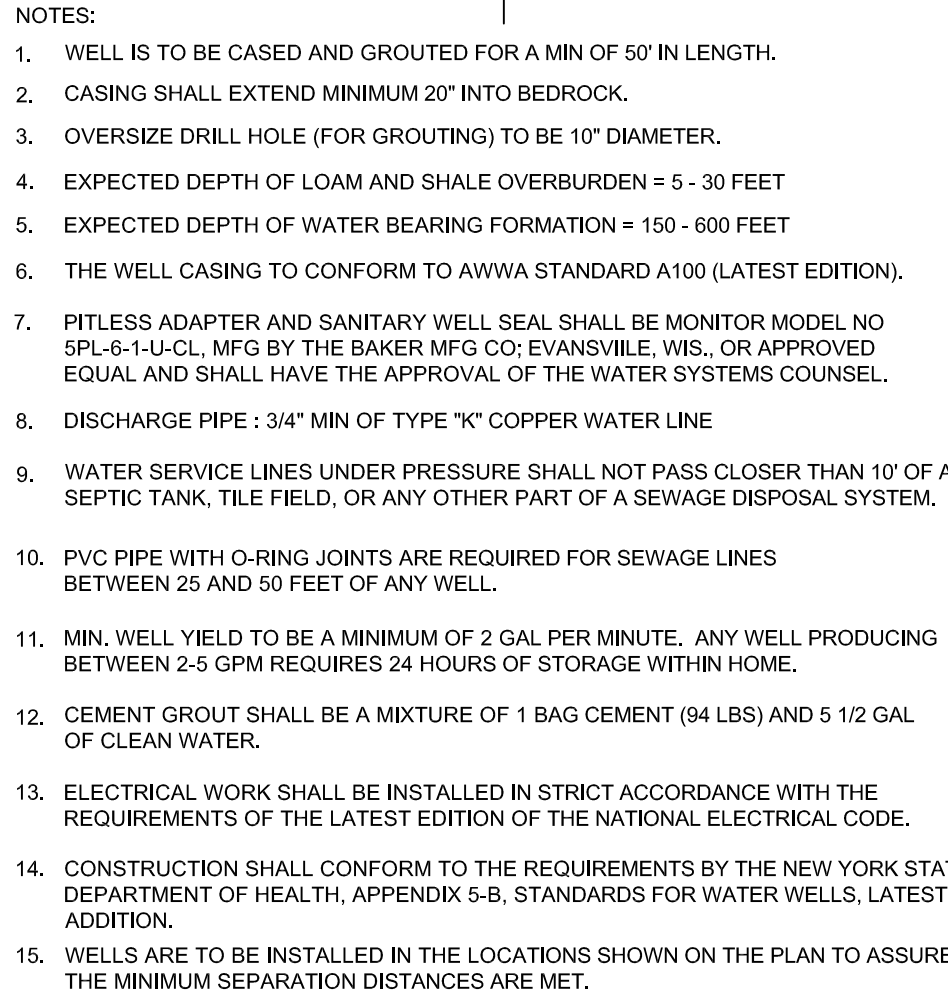
| SIEVE SIZE | PERCENT PASSING |
|------------|-----------------|
| 3/8" | 100% |
| No. 4 | 95%-100% |
| No. 8 | 80%-100% |
| No. 16 | 50%-85% |
| No. 30 | 25%-60% |
| No. 50 | 5%-30% |
| No. 100 | 0-10% |
| No. 200 | 0-5% |

| TEST HOLE # | TEST HOLE DEPTH | TEST HOLE DIA. | TIME | PERCOLATION TEST RUNS (TIME FOR 1" DROP IN WATER LEVEL - STOPWATCH USED) | | | | STABLE RATE |
|----------------|-----------------|----------------|--------|---|----------|----------|----------|-------------|
| | | | | | | | | |
| 05/13/15 P1 | 24" | 10" | FINISH | | | | | 38 MIN |
| | | | START | | | | | |
| | | | TIME | 00:18:00 | 00:25:49 | 00:35:53 | 00:37:43 | |
| 05/13/15 P2 | 24" | 10" | FINISH | | | | | 40 MIN |
| | | | START | | | | | |
| | | | TIME | 00:19:10 | 00:30:52 | 00:37:12 | 00:39:01 | |

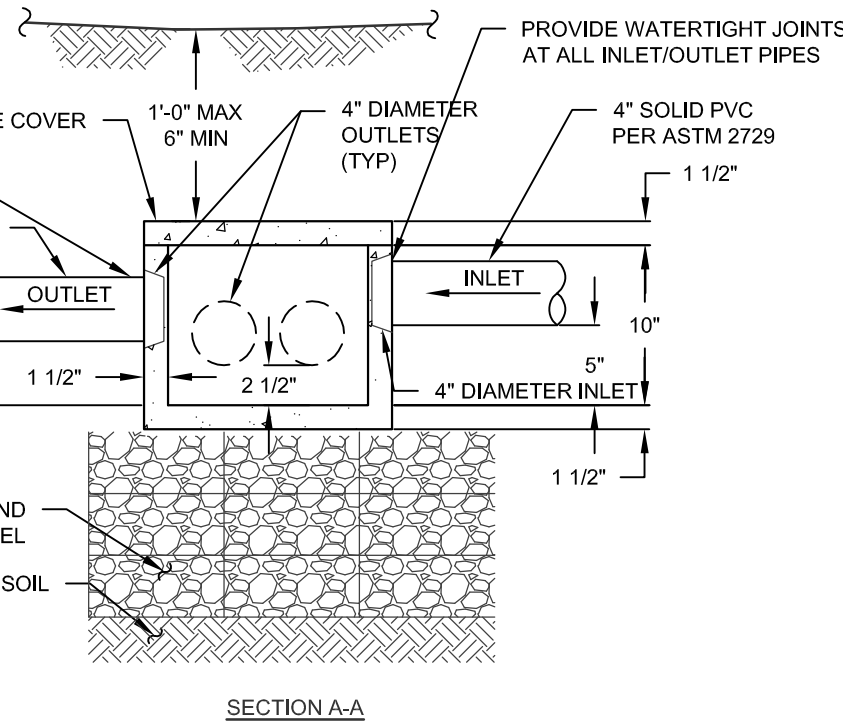
| TEST HOLE # | DATE | DEPTH | DESCRIPTION |
|-------------|----------|----------------------------|--|
| TP-1 | 05/13/15 | 0'-4" 4'-36" 36'-96" | TOP SOIL TAN SILTY LOAM WITH COBBLE BLACK SAND NO MOTTLING, NO BEDROCK, GROUNDWATER @ 84" |
| TP-2 | 05/13/15 | 0'-4" 4'-42" 42'-96" | TOP SOIL TAN SILTY LOAM WITH COBBLE BLACK SAND NO MOTTLING, NO BEDROCK, GROUNDWATER @ 84" |

| STABILIZE PERC RATE (min) | FLOW RATE (GPD) | APPLICATION RATE (GPD/Sq. ft.) | REQUIRED AREA (Sq. ft.) | REQUIRED ABSORPTION FIELD LENGTH (ft) | PROPOSED ABSORPTION FIELD (ft) |
|---------------------------------|-----------------------|--------------------------------------|-------------------------------|---|--------------------------------------|
| 40 | 1000 * | 0.50 | 2000 | 334 | 6 ROWS OF 15 ELJENS = 360' |

*NOTE: 0.08 GPD / SF



SCALE: N.T.S.



NOTES:

1. DROP BOX AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. CATALOG No. DB-6DB 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 ASPHALTIC MATERIAL OR EQUIVALENT.
5. PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS
6. UNUSED OUTLETS TO REMAIN PLUGGED.

SCALE: N.T.S

NOTES

1. SEPTIC TANK SHALL BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE BUILDING.
2. THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF THE TILE FIELDS OR WELLS.
4. SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED OVER TILE FIELDS.
5. ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL PIPES AND COVERS.
6. NO TRENCHES TO BE INSTALLED IN WET SOIL.
7. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING SAND IN ABSORPTION TRENCH.
8. GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP BOX.
9. PERFORATED PIPE TO BE CAPPED AT END.
10. ABSORPTION SYSTEM TO BE LOCATED A MINIMUM DISTANCE OF 20 FEET FROM ANY BUILDING.
11. SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR WATER TIGHTNESS.
12. PROVIDE 30" OF SOLID PIPE PRIOR TO START OF ELIEN SYSTEM AND BACKFILL WITH NATIVE MATERIAL.
13. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION, THERE SHALL BE NO UNNECESSARY MOVEMENT OF HEAVY EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDEQUE COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.

[illegible]

| DRAWING STATUS | | ISSUE DATE: | |
|--|-----|-------------|-----|
| THIS SHEET IS PART OF THE PLAN SET ISSUED FOR | | 07/22/15 | |
| SHEET NUMBER | | | |
| <input type="checkbox"/> PLANNING APPROVAL | N/A | OF | N/A |
| <input checked="" type="checkbox"/> CLINIC BOARD APPROVAL | 3 | OF | 4 |
| <input type="checkbox"/> OGDH REALTY SUBDIVISION APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> NYSDEC APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> NYSDOT APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> OTHER | N/A | OF | N/A |
| <input type="checkbox"/> FOR BID | N/A | OF | N/A |
| <input type="checkbox"/> FOR CONSTRUCTION | N/A | OF | N/A |

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ORIGINAL SCALE IN INCHES

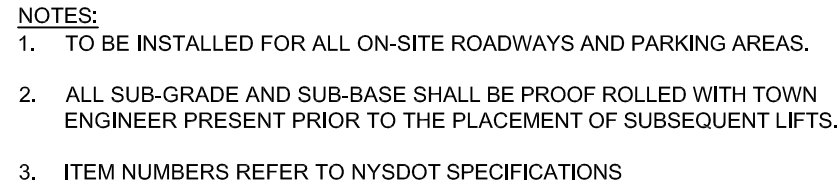
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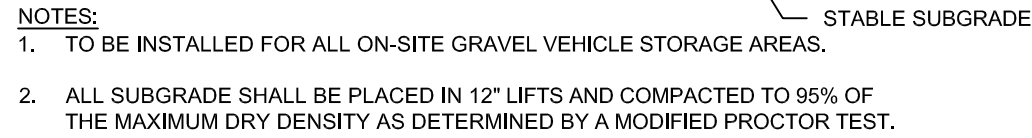
DETAILS

SURESKY & SONS
39 ELKAY DRIVE
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

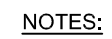
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SCALE: NTS



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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 WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILTFENCE.

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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 HEREIN, TO BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL NOT BE IN ACCORD WITH NORMAL FLOW.
3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONALITY OF THE WATERWAY.
4. FILL SHALL BE COMPACTED AS NEEDED IN CONSTRUCTION TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETED WATERWAY.
5. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARD AND SPECIFICATIONS FOR VEGETATIVE PRACTICES.

SCALE: NTS

- NOTES:

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. WIDTH - 24 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
3. 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.
4. 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 AND PERMANENT DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. 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.
6. PERIODIC INSPECTIONS AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

SCALE: NTS



SCALE: NTS



1. SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.

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| <input type="checkbox"/> OGDON REALTY SUBDIVISION APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> OGDON WATERMAIN EXTENSION APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> NYSDEC APPROVAL | N/A | OF | N/A |
| <input type="checkbox"/> NYSDOT APPROVAL | N/A | OF | N/A |
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