

USGS QUADRANGLE MAPS
SCALE 1" = 2000'

1. TAX MAP IDENTIFICATION NUMBER: SECTION 1, BLOCK 1, LOT 77.2 & 82


- TAX MAP IDENTIFICATION NUMBER: SECTION 1, BLOCK 1, LOT 77.2 & 82
2. TOTAL AREA OF SUBJECT PARCEL: 5.069± ACRES
3. RECORD OWNER(S):
- RONALD & MARJORIE NELSON
26 MCBRIDE ROAD
CHESTER, NY 10918
4. APPLICANT:
- RONALD NELSON, JR.
600 STRATFORD LANE, APT# 138
MIDDLETOWN, NY 10940
5. DEED REFERENCE:
DEED LIBER 14634, PAGE 1118
6. MAP REFERENCES:
- A. A MAP ENTITLED, "CLUSTER SUBDIVISION FOR CHESTERDALE ESTATES" BY KIRK ROTHBERG, P.E., DATED AUGUST 2004 AND FILED IN THE OFFICE OF THE ORANGE COUNTY CLERK ON MARCH 20, 2018 AS MAP NUMBER 648-18.
- B. A MAP ENTITLED, "SUBDIVISION OF PROPERTY FOR WILLIAM DURMA" BY MATTHEW A. NOVELLIO, P.E., DATED OCTOBER 2015 AND FILED IN THE OFFICE OF THE ORANGE COUNTY CLERK ON AUGUST 29, 2017 AS MAP NUMBER 234-17.
5. THIS SURVEY IS BASED ON NEW YORK STATE PLANE NAD 83 (2011), ZONE 3101 DATUM (USFT) DERIVED FROM GPS OBSERVATIONS.
6. THE TOPOGRAPHY SHOWN HEREON WAS COMPILED BY ENGINEERING & SURVEYING PROPERTIES P.C. FROM USGS 1 M HYDRO-FILLING DIGITAL ELEVATION MODELS (DEMS) AS DERIVED FROM 2014 SOURCE LIDAR. THE DEMS WERE PROVIDED BY NYS GIS.GOV AND CORRESPOND TO ACTUAL SURVEY OBSERVATIONS TAKEN IN THE FIELD. CONTOURS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
- THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF SURVEY PREPARED FROM A TITLE SEARCH AND IS THEREFORE SUBJECT TO WHATEVER STATEMENT OF FACTS THAT MAY BE REVEALED IN SUCH REPORTS.
8. SUBJECT TO ANY UNWRITTEN AND/OR WRITTEN LICENSES, EASEMENTS, RESTRICTIONS, AND/OR AGREEMENTS OF RECORD.
9. OFFSETS OR DIMENSIONS FROM THE PROPERTY LINES TO STRUCTURES OR IMPROVEMENTS ARE SHOWN FOR THE SPECIFIC PURPOSE OF INTERPRETATION OF COMPLIANCE WITH ZONING AND ARE NOT INTENDED TO MONUMENT THE PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES OR ANY OTHER IMPROVEMENTS TO THE LAND.
10. CERTIFICATIONS ON THIS BOUNDARY SURVEY MAP SIGNIFY THAT THE MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT PRACTICE CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC. THE CERTIFICATION IS LIMITED TO THE PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED, TO THE TITLE, COVENANTS TO THE GOVERNMENTAL AGENCY, AND TO THE LENDING INSTITUTION LISTED ON THIS BOUNDARY SURVEY MAP.
11. CERTIFICATIONS HEREON ARE NOT TRANSFERABLE.
12. ISSUING OF A NEW TITLE POLICY OR REDATING OF AN EXISTING POLICY REFERENCING THIS SURVEY WITHOUT THE BENEFIT OF AN UPDATE OF THIS SURVEY BY ENGINEERING & SURVEYING PROPERTIES, P.C. SHALL TERMINATE ANY LIABILITY EXPRESSED OR IMPLIED HEREON.
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14. ALL UNDERGROUND UTILITIES AND/OR IMPROVEMENTS OR THE ENCROACHMENT OF SUCH IMPROVEMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. IF THE ENCROACHMENT OF SUCH UNDERGROUND IMPROVEMENTS EXIST OR ARE KNOWN HEREON, THE ENCROACHMENT SHALL BE SHOWN UNDERGROUND UTILITIES AND/OR IMPROVEMENTS ARE NOT COVERED BY THIS CERTIFICATE.


[illegible]

DRAWING STATUS		ISSUE DATE:	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input type="checkbox"/> PLANNING BOARD APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OCOOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OCOOH 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 checked="" type="checkbox"/> OTHER	1	OF	1
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> 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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	<p>BRIAN D. BABCOCK, L.S.</p> <p>NEW YORK STATE LICENSE # 050830</p>



1 inch = 40 ft.



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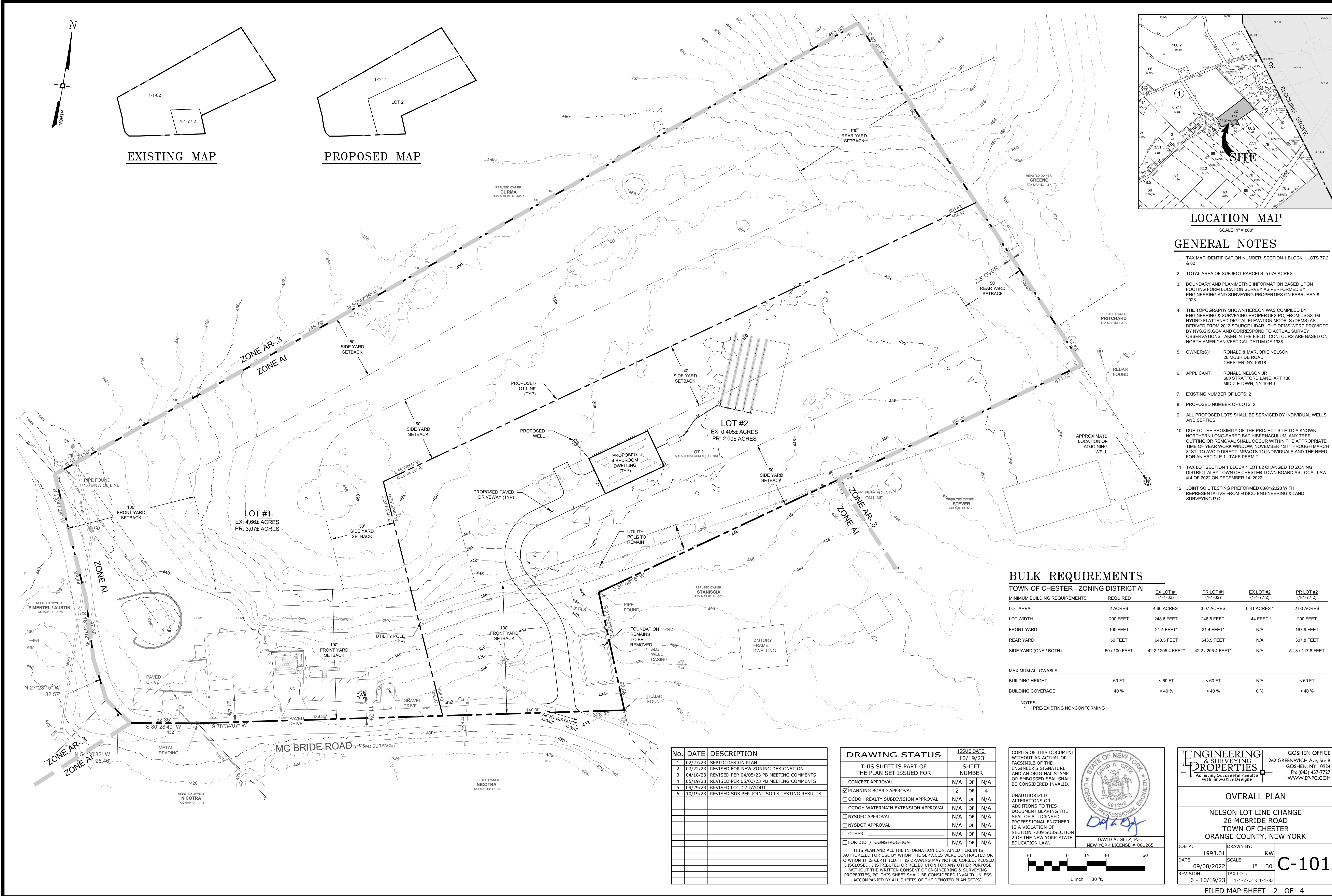
**LOT LINE CHANGE &
TOPOGRAPHIC MAPPING PLAN**

RONALD J. NELSON & MARJORIE NELSON

26 MC BRIDE ROAD
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

JOB #:	DRAWN BY:	
1993.01	KMP/DBB	
DATE:	SCALE:	
02/08/23	1" = 40'	
REVISION:	TAX LOT:	
0	1-1-77.2 & 82	

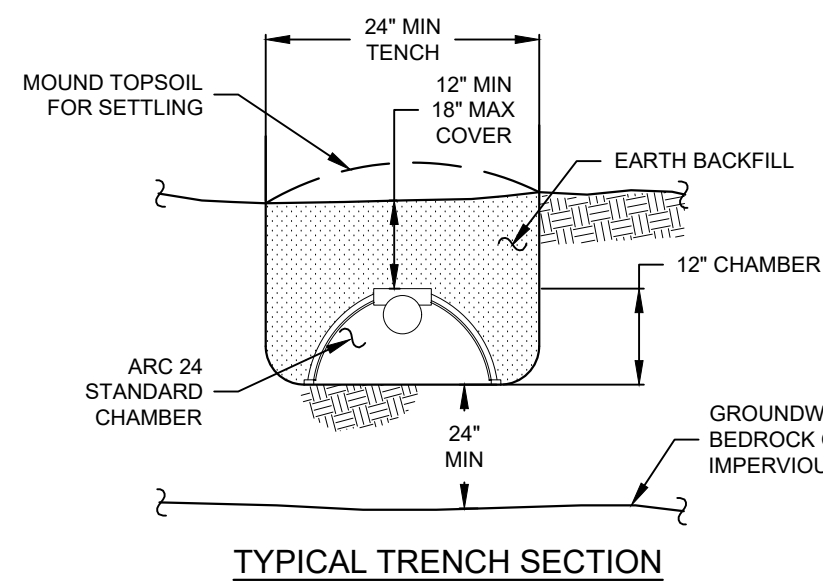
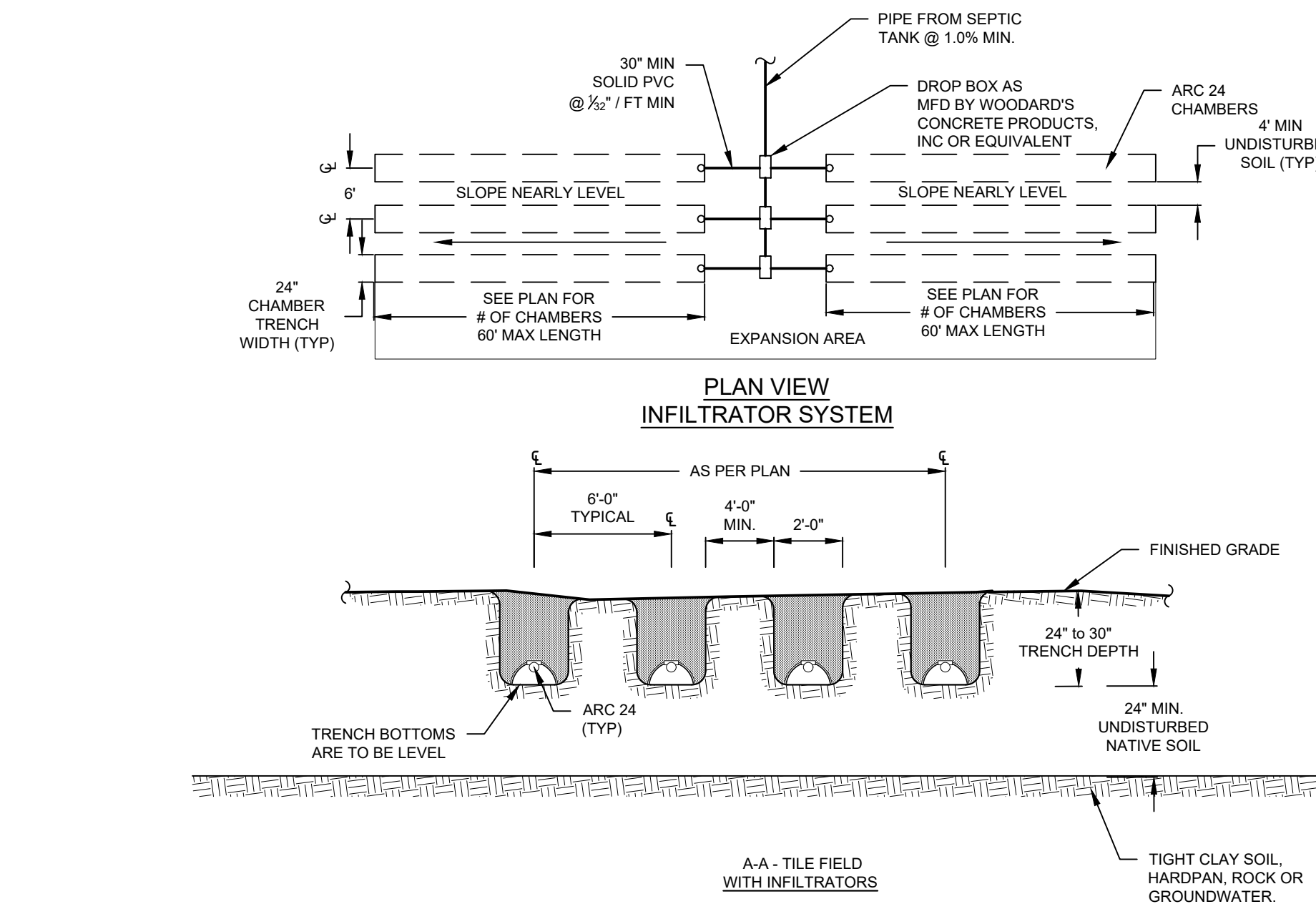
RS-1



LOT #	TEST HOLE #	TEST HOLE DEPTH	TEST HOLE DIA	TIME	PERCOLATION TEST RUNS - STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)				STABILIZED RATE	
2	03/01/23 PT-01*	24"	10"	FINISH					2 MIN	
				START	STOPWATCH USED FOR TIMED INTERVALS					
				TIME	0:01:01	0:01:00	0:01:20			
2	03/01/23 PT-02*	24"	10"	FINISH					17 MIN	
				START	STOPWATCH USED FOR TIMED INTERVALS					
				TIME	0:16:13	0:16:16	0:16:01			
2	09/15/23 PT-03	24"	10"	FINISH					5 MIN	
				START	STOPWATCH USED FOR TIMED INTERVALS					
				TIME	0:02:00	0:03:10	0:04:15	0:04:59		
2	09/15/23 PT-04	24"	10"	FINISH					2 MIN	
				START	STOPWATCH USED FOR TIMED INTERVALS					
				TIME	0:00:57	0:01:06	0:01:12	0:01:21		
2	10/10/23 PT-05*	28"	10"	FINISH					4 MIN	
				START	STOPWATCH USED FOR TIMED INTERVALS					
				TIME	0:03:20	0:03:45	0:04:43	0:03:47		
2	10/10/23 PT-06*	24"	10"	FINISH					29 MIN	
				START	STOPWATCH USED FOR TIMED INTERVALS					
				TIME	0:18:46	0:21:37	0:27:45	0:28:08		

SEPTIC SYSTEM DESIGN SCHEDULE

LOT #	STABILIZED PERC RATE (min)	DESIGN PERC RATE (min)	PROPOSED BEDROOMS	FLOW RATE (GPD)	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft) (INFILTRATOR)	PROPOSED ABSORPTION FIELD LENGTH (ft)
2	29	21 - 30	4	440	0.60	734	275	5 LATERALS @ 55 LF = 275 55 TOTAL ARC 24 UNITS



SCALE: N.T.S

TEST HOLE #	DATE	DEPTH	DESCRIPTION
TP-01	03/30/23	0' - 12" 12' - 18" 18' - 60"	TOPSOIL TAN SANDY CLAY LOAM BROWN SAND NO GROUNDWATER, NO BEDROCK
TP-02	03/30/23	0' - 12" 12' - 18" 18' - 60"	TOPSOIL TAN SANDY CLAY LOAM BROWN SAND NO GROUNDWATER, NO BEDROCK
TP-03	10/10/23	0' - 6" 6' - 36" 36' - 96"	TOPSOIL LIGHT BROWN SANDY SILT LOAM BROWN SILT LOAM W/ CLAY NO GROUNDWATER, NO BEDROCK
TP-04	10/10/23	0' - 6" 6' - 36" 36' - 72"	TOPSOIL LIGHT BROWN SANDY SILT LOAM BROWN SILT LOAM W/ CLAY NO GROUNDWATER, NO BEDROCK

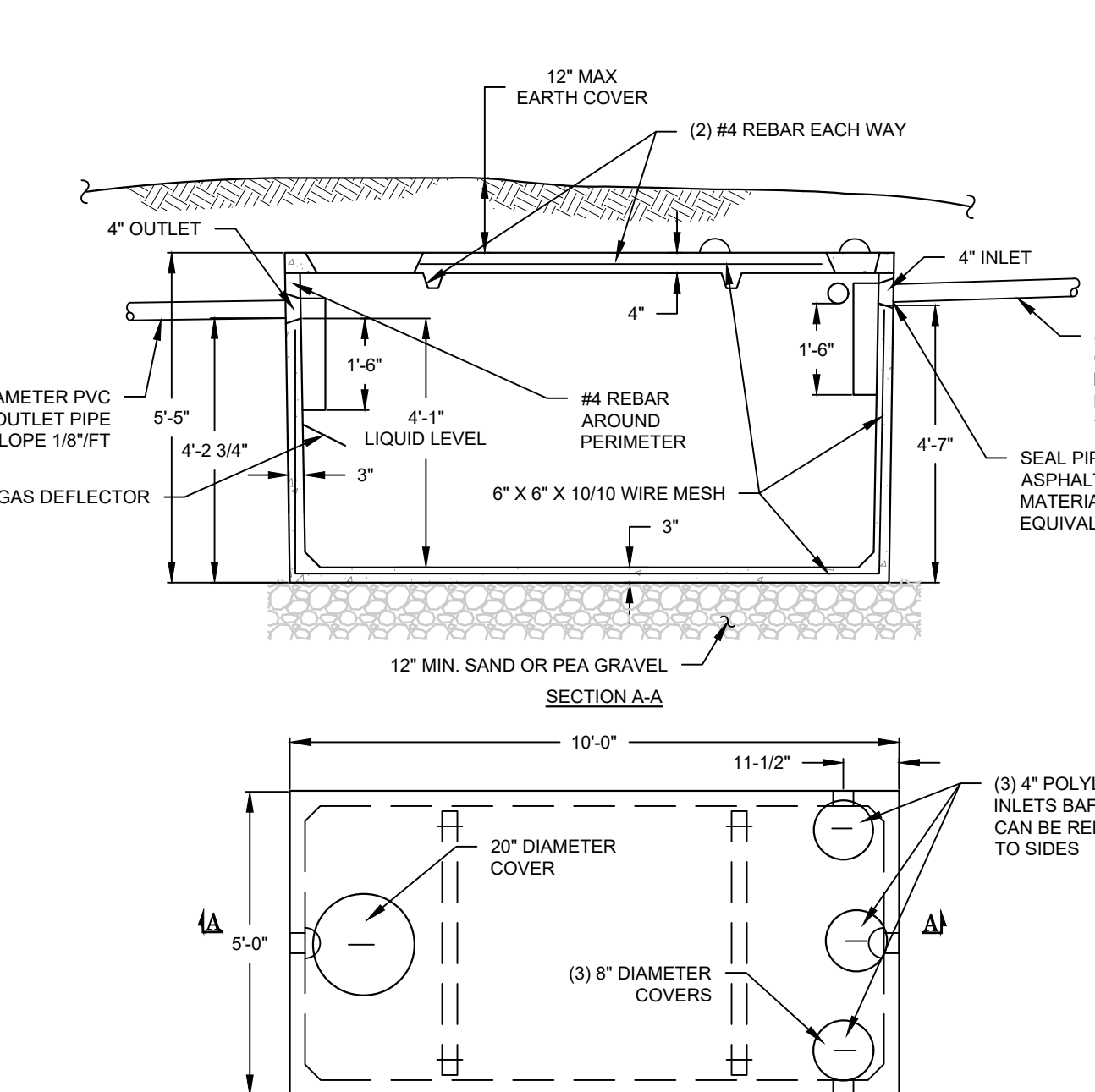
1 1/2" TOP COURSE

2" BINDER COURSE

6" SUB-BASE COURSE
(NYS ITEM 304.05) OR EQUIVALENT

1. WELL IS TO BE Cased AND GROUTED FOR A MIN OF 50' IN LENGTH.
2. CASING SHALL EXCEED MINIMUM 20" INTO BEDROCK.
3. OVERSIZE DRILL HOLE (FOR GROUTING) TO 10" DIAMETER.
4. EXPECTED DEPTH OF LOAM AND SHALE TO BEDROCK 30 - 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. SANITARY WELL SEAL SHALL BE MONITOR MODEL NO 6WE-1 MFG BY THE BAKER MFG CO. EVANSVILLE INDS. OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
8. PITLESS ADAPTOR SHALL BE MONITOR MODEL NO 8PLU6-1 MFG BY THE BAKER MFG CO. EVANSVILLE INDS. OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
9. DISCHARGE PIPE: 1" MIN OF TYPE "K" COPPER WATER LINE.
10. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10' OF A SEPTIC TANK OR LEACH FIELD, OR ANY OTHER DISPOSAL SYSTEM.
11. PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEET OF ANY WELL.
12. MINIMUM FLOW YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN 2-5 GPM REQUIRES 24 HOURS OF STORAGE WITHIN ONE HOUR.
13. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS) AND 5 1/2 GAL OF CLEAN WATER.
14. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
15. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "RURAL WATER SUPPLY," NYS DEPT OF HEALTH, LATEST EDITION
16. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE THE MINIMUM SEPARATION DISTANCES ARE MET.

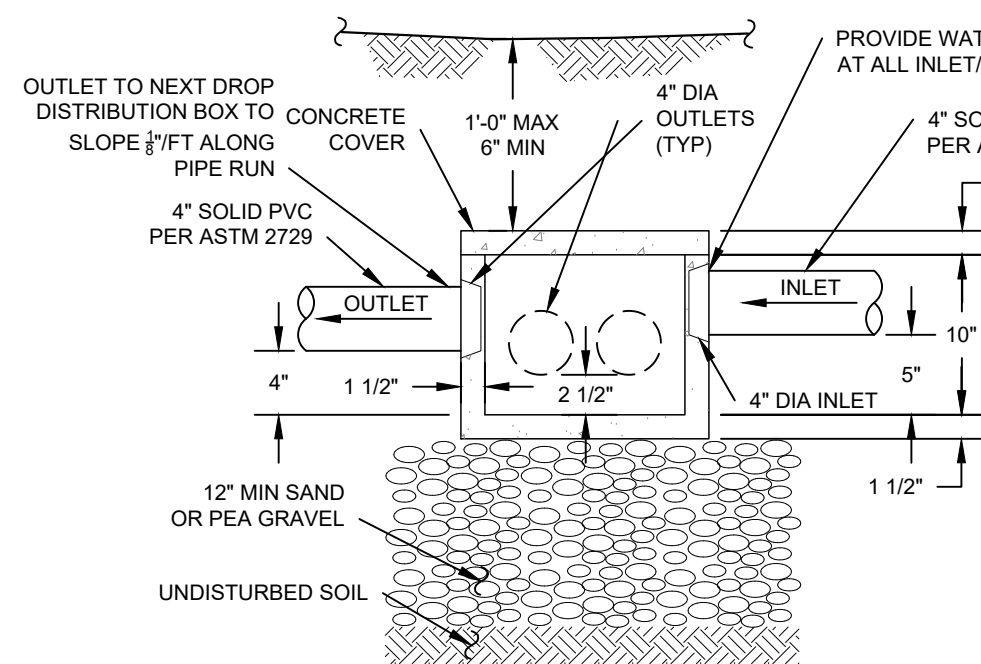
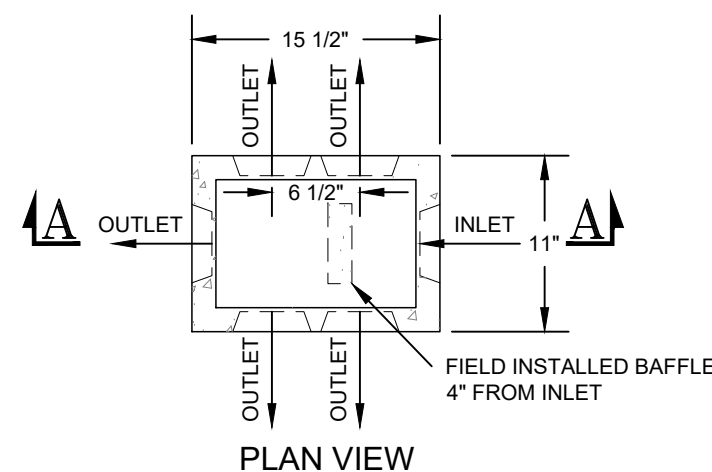
SCALE: N.T.S.



NOTES:

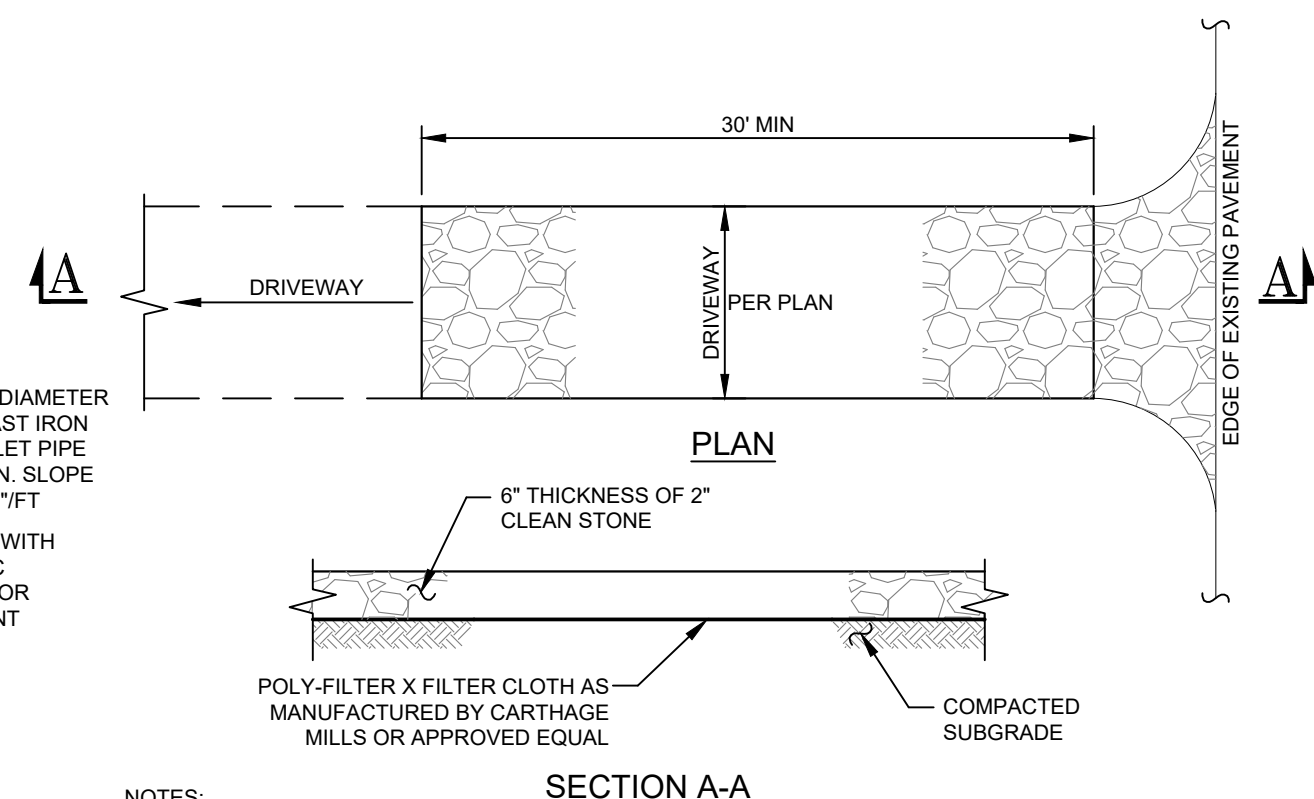
1. PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY WOODARDS CONCRETE PRODUCTS, INC. MODEL ST 1250, OR APPROVED EQUAL.
2. CONCRETE - 4000 PSI AT 28 DAYS.
3. REINFORCEMENT - 6" x 6" x 10 GAUGE WIRE MESH.
4. SECTIONS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT.
5. THERE MUST BE AN UNINTERRUPTED POSITIVE 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.

SCALE: N.T.S.



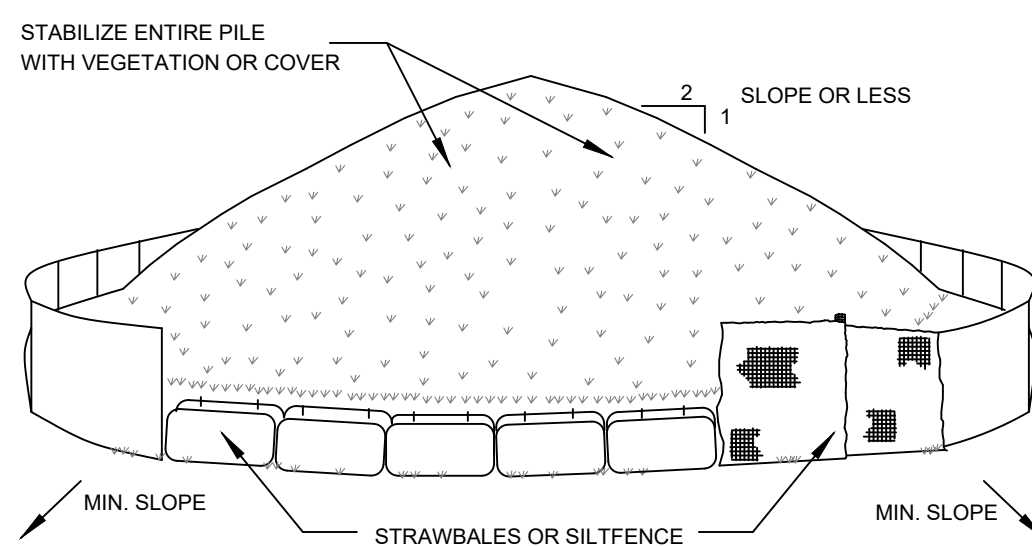
1. DROP BOX AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. CATALOG NO. DB-6DB OR APPROVED EQUAL
2. MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS
3. CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION
4. SEAL ALL JOINTS AT INLET/OUTLET PIPES ASPHALTIC MATERIAL OR EQUIVALENT
5. PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS
6. UNUSED OUTLETS TO REMAIN PLUGGED
7. DISTRIBUTION BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.

SCALE: N.T.S

[illegible]

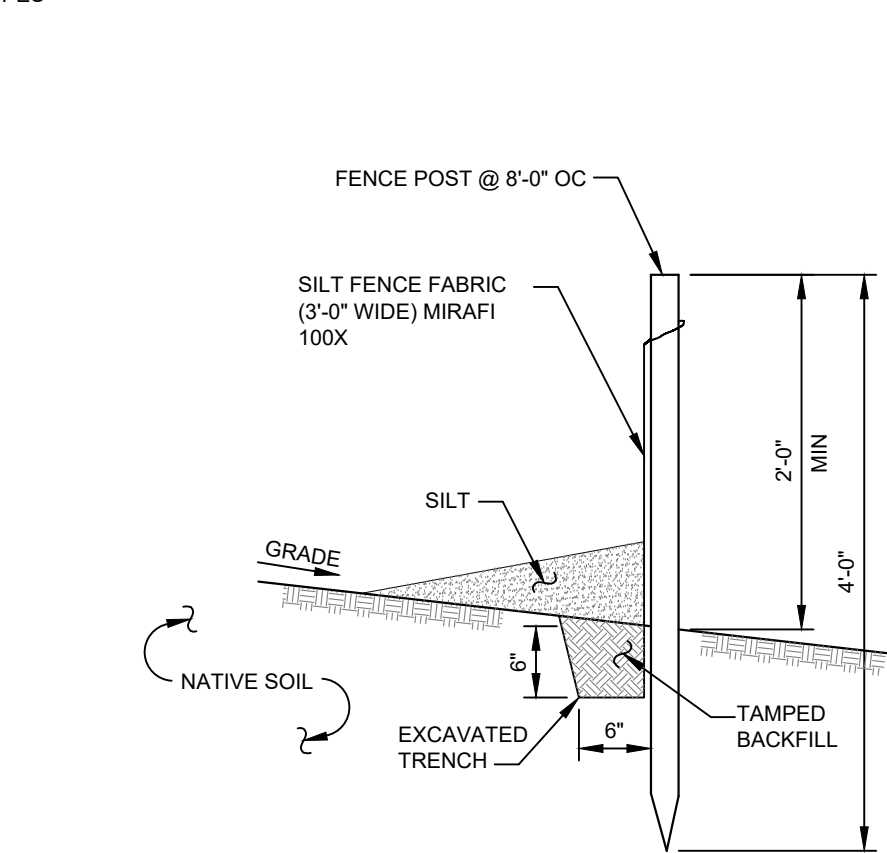
1. STONE SIZE - USE 2" STONE MIN. OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. WIDTH - 10 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH OF DRIVEWAY AT POINTS WHERE INGRESS OR EGRESS OCCURS.
3. DRAINAGE - THE WATER FROM THE SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BENT WITH 5' SLOPES WILL BE PERMITTED.
4. MAINTENANCE - TRUCKS AND TRAILERS SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR TROWING 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 OFF OF THE RIGHT-OF-WAY SHALL 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 NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH SIGNIFICANT RAINFALL EVENT.

SCALE: N.T.S.



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 SILT FENCE.

SCALE: N.T.S



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

SCALE: N.T.S

DRAWING STATUS		ISSUE DATE: 10/19/23	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	4	OF	4
<input type="checkbox"/> OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OCDOH 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 / CONSTRUCTION	N/A	OF	N/A


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DAVID A. GETZ, P.E.
NEW YORK LICENSE # 06126



ORIGINAL

1. PRE-CONSTRUCTION: NOTIFY APPROPRIATE MUNICIPAL AND UTILITY OFFICIALS 3 DAYS PRIOR TO START OF CONSTRUCTION
2. CONSTRUCTION STAGING: STAKE OUT LIMIT OF DISTURBANCE, INSTALL SILT FENCE AND STAKE OUT LIMIT OF PROTECTION. INSTALL GRASS/GRASS CONSTRUCTION FENCING ALONG THE LIMITS OF DISTURBANCE. INSTALL STABILIZED CONSTRUCTION TRENCHES (INSIDE) PERMANENT / TEMPORARY GRASSED SWALES
3. CONSTRUCTION GRADING: REMOVE EXISTING GRASS AND TOPSOIL. CONSTRUCTION STRIP TOPSOIL AND STOCKPILE AREAS SHOWN ON THE PLAN. INSTALL SEDIMENT BARRIERS AROUND AND ESTABLISH TEMPORARY VEGETATION ON CONSTRUCTION STOCKPILES
4. CONSTRUCTION GRADING, CUT AND FILL SITE TO APPROXIMATE ELEVATIONS SHOWN ON THE PLAN. IMPLEMENT DUST CONTROL MEASURES AS NECESSARY. ESTABLISH PERMANENT STABILIZATION IN AREAS THAT ARE COMPLETE. ESTABLISH TEMPORARY STABILIZATION ON AREAS THAT WILL BE GRADDED AGAIN MORE THAN 21 DAYS FROM COMPLETION
5. DRIVEWAY / BUILDING CONSTRUCTION AND UTILITY INSTALLATION: FINAL GRADING AND CONSTRUCTION OF DRIVEWAYS, BUILDING EXCAVATION AND CONSTRUCTION. IMPLEMENT 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 REMAINING UNSTABILIZED AREAS. INSTALL ALL SITE LANDSCAPING AND PLANTINGS.
7. POST CONSTRUCTION: UPON STABILIZATION OF THE SITE AND ESTABLISHMENT OF ALL VEGETATION COVER, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES WHICH ARE NOT NECESSARY FOR PROTECTING FEATURES FROM THE SITE INCLUDING ROADWAYS, CATCH BASINS AND STORM DRAINS.

1. SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION REMOVAL REQUIRED FOR CONSTRUCTION.
2. DURING CONSTRUCTION, EROSION CONTROL, SILT FENCES AND/OR STRAW BALE DICES, SEDIMENT BASIN, TEMPORARY DIVERSION SWALE DRAINAGE STRUCTURES, AND RIP-RAP PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND CONSTRUCTION.
3. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION:
 - a. AN ADEQUATE SEEDED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND OBSTACLES.
 - b. SEED LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY PH OF 6.0 TO 7.0.
 - c. SEEDS (85% MIXTURE OF GRASS AND LEGUMES) SHALL BE APPLIED PER THE FOLLOWING RESULTS OR AT A RATE OF 600 LBS. PER ACRE
 - d. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 90 DAYS SHALL BE SEEDED AND MULCHED TO MAINTAIN A MINIMUM OF 50% PERCENT GROUND COVER. 30 LBS. RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER. USE 100 LBS. CERTIFIED "ARROOSTOK" WINTER RYE (CEREAL RYE) PER ACRE.
 - e. PERMANENT SEEDING SHALL BE COMPLETED ON 4/1/20 AT THE FOLLOWING RATES:
 - 1. LBS PER ACRE BIRDSFOOT TREFOIL
 - 2. LBS PER ACRE WHITE CLOVER
 - 3. LBS PER ACRE

3. 2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE
4. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE APPROVED
5. 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 HYDROSEDER, OR TUCKING THE MULCH WITH SMOOTH DISKS. ANCHORING TOOLS TO A DEPTH OF 3" MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.
6. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DRAINAGE STRUCTURES SHALL BE MAINTAINED FOLLOWING EVERY RAIN EVENT, AND MAINTENANCE AND REPAIRS SHALL BE PERFORMED PROMPTLY TO MAINTAIN PROPER FUNCTION. TRAPPED SEDIMENT SHALL BE REMOVED AND DEPOSITED IN A PROTECTED AREA IN A PROPER MANNER WHICH WILL NOT CAUSE POLLUTION IN THE DISCHARGE.
7. TEMPORARY CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED AND GROUND COVER IS COMPLETELY REESTABLISHED. FOLLOWING STABILIZATION, TEMPORARY MEASURES SHALL BE REMOVED TO AVOID INTERFERENCE WITH DRAINAGE.
8. ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.
9. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN ACCORDANCE WITH THE FOLLOWING MIXTURE:
10. MULCH NETTING SUCH AS PAPER, JUTE, EXCELSIOR, COTTON OR PLASTIC MAY BE USED, STAPLE IN PLACE, OVER HAY OR STRAW MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MAINTAINED.
11. STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING LIME AND FERTILIZER AS SPECIFIED ABOVE AND SEEDING WITH THE FOLLOWING MIXTURE:

MATERIAL	LBS/ACRE
PERENNIAL RYE GRASS	30
CROWN VETCH	12
SPOONING FESCUE	25
12. OPTIMUM SEEDING PERIODS ARE 3/15/01 AND 8/11/01/15.
13. ALL UPSTREAM SITE WORK AND STABILIZATION SHALL OCCUR BEFORE CONNECTING UNDERGROUND DETENTION/INFILTRATION FACILITY TO PREVENT ANY ERODED SEDIMENTS FROM ENTERING UNDERGROUND FACILITY.
14. IN ACCORDANCE WITH THE EROSION CONTROL SPDES GP 0-20-001, THERE SHALL BE NO MORE THAN 5 ACRES DISTURBED AT ANYONE TIME.

1. ALL WORK TO BE PERFORMED TO THE SPECIFICATIONS OF THE TOWN OF CHESTER.
2. ALL TOPSOIL, ROOTS, STUMPS AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM ALL CONSTRUCTION AREAS.
3. 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.
4. ALL EXCESS MATERIAL SHALL BE PLACED IN A DRAINAGE DITCH OR TO THE STORM DRAINAGE SYSTEM OR OTHER FREE-FLOWING OUTLET AT A MINIMUM SLOPE OF 0.5%. FOOTING DRAIN SHALL BE INSTALLED BENEATH BOTTOM OF FOOTING.
5. ALL EXCESS SOIL, GRASSING AND BASIN, BERMS AFTER OCTOBER 15 SHALL REQUIRE MULCHING AND ANCHORING IN ACCORDANCE WITH NOTES ENTITLED "SEDIMENTATION EROSION CONTROL".
6. ALL SLOPES IN EXCESS OF 3H:1V SHALL BE CONSTRUCTED WITH LOCALLY AVAILABLE GLACIAL TILL. EXCESS TILL SHALL BE PLACED IN A DRAINAGE DITCH OR TO THE STORM DRAINAGE SYSTEM AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
7. ALL EXCESS TILL AND EROSION CONTROL SHALL BE PLACED 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 SEDIMENTATION CONTROL NOTES".
9. ALL SHALL HAVE SEVERAGE CONTROL COLLARS PLACED AT 1/3 AND 2/3 THE WIDTH OF THE EMBANKMENT.
10. SOIL RESTORATION SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL REMAIN AS PERVIOUS TRACERS. SOIL RESTORATION SHALL BE DONE AS FOLLOWS:
 - A. APPLY 3 INCHES OF COMPOST OVER SUBSOIL.
 - B. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER OR CAT-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS.
 - C. ROCK-PILE UNTIL UNLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE EXPOSED OR OFF THE SURFACE.
 - D. APPLY TOPSOIL TO A DEPTH OF 6 INCHES.

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