

## GENERAL NOTES

1. THE PURPOSE OF THE PROPOSED SUBDIVISION AND LOT LINE CHANGE IS TO CREATE OPEN SPACE TO BE ACQUIRED BY THE ORANGE COUNTY LAND TRUST.

2. TAX MAP NUMBERS: SECTION 7, BLOCK 1, LOTS 35.1 AND 35.2

LOT 7-1-35.1: RICHARD L. PALMER 20 FOREST HILL LANE CHESTER, NY 10918

LOT 7-1-35.2: SCCRJAM, c/o CHRISTOPHER PALMER PO BOX 489 CHESTER, NY 10921

4. EXISTING LOT AREAS:

LOT 7-1-35.1: 19.1 ACRES± LOT 7-1-35.2: 151.0 ACRES±

5. ZONING DISTRICT: AGRICULTURAL RESIDENTIAL (AR-.3).
THE PROPERTIES ARE LOCATED IN THE RIDGE PRESERVATION OVERLAY DISTRICT.

6. SURVEY DATA PROVIDED BY JAMES DILLIN, PLS, GOSHEN, NY.

7. TOPOGRAPHIC INFORMATION OBTAINED FROM NYS GIS SOURCES.

# LIST OF DRAWINGS

101 OVERALL PLAN 102 SUBDIVISION PLAT - 1 OF 2 103 SUBDIVISION PLAT - 2 OF 2 104 GRADING & UTILITY PLAN 105 DRIVEWAY DETAILS 106 CONSTRUCTION DETAILS

COPIES OF THIS DOCUMENT

WITHOUT AN ACTUAL OR

ENGINEER'S SIGNATURE

AND AN ORIGINAL STAMP IN

INK SHALL BE CONSIDERED

FACSIMILE OF THE

INVALID.

UNAUTHORIZED ALTERATIONS OR

ADDITIONS TO THIS

SEAL OF A LICENSED

DOCUMENT BEARING THE

PROFESSIONAL ENGINEER IS A VIOLATION OF

SECTION 7209 SUBSECTION

EDUCATION LAW.

2 OF THE NEW YORK STATE

DAVID A. GETZ, P.E. NYS LICENSE No. 61265

ISSUE DATE:

2/14/23

SHEET

APPROVED FOR FILING:	
OWNER	DATE
APPROVED AS A FINAL SUBDIVI- RESOLUTION OF THE PLANNING OF CHESTER.	

PLANNING BOARD CHAIRMAN

DATE

262 GREENWICH AVE, STE. B

GOSHEN, NY 10924 845-457-7727 WWW.EP-PC.COM

GOSHEN OFFICE

OVERALL PLAN

PALMER SUBDIVISION & LOT LINE CHANGE LAROE ROAD TOWN OF CHESTER ORANGE COUNTY, NEW YORK

DRAWN BY: 12/28/22 1'' = 200'1 7-1-35.1 & 35.2

### SUMMARY OF ZONING REQUIREMENTS (AR-.3 DISTRICT)

**UTILITY NOTES:** 

ORANGE COUNTY DPW NOTE:

1. ALL NEW UTILITIES SHALL BE CONSTRUCTED UNDERGROUND.

2. THE LOCATIONS OF EXISTING ON-SITE UTILITIES SHOWN HEREON ARE APPROXIMATE.

WHETHER IN THE PUBLIC RIGHT-OF-WAY, IN EASEMENTS, OR IN PRIVATE PROPERTY PRIOR

TO STARTING ANY EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE

PROTECTION OF ALL UTILITY LINES THROUGHOUT THE COURSE OF CONSTRUCTION.

4. DIG SAFELY NEW YORK MUST BE CONTACTED 2 FULL WORKING DAYS PRIOR TO ANY

3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITY LINES,

PROJECT SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

EXCAVATION OR DEMOLITION, BY DIALING 811 OR AT www.udigny.org.

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL

COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

REQUIREMENT REQUIREMENT PROPOSED LOT 1 PROPOSED LOT 2 MIN. LOT AREA 3 ACRES 10.4 ACRES ± 10.2 ACRES ± MIN. LOT WIDTH 250 FT. > 250 FT. > 250 FT. 100 FT. \* 38.9 FT. 225 FT.± MIN. FRONT YARD 40 FT. 523.5 FT.± 71 FT.± MIN. SIDE YARD MIN. TOTAL SIDE YARDS 100 FT. 1,170 FT.± 1,296 FT.± MIN. REAR YARD 100 FT. 165.7 FT.± 155 FT.± MAX. BUILDING HEIGHT 35 FT. ≤ 35 FT. < 35 FT. MAX. BUILDING COVERAGE 10% < 10% < 10%

\* : NO CHANGE PROPOSED TO AN EXISTING NONCONFORMING CONDITION

No. DATE DESCRIPTION

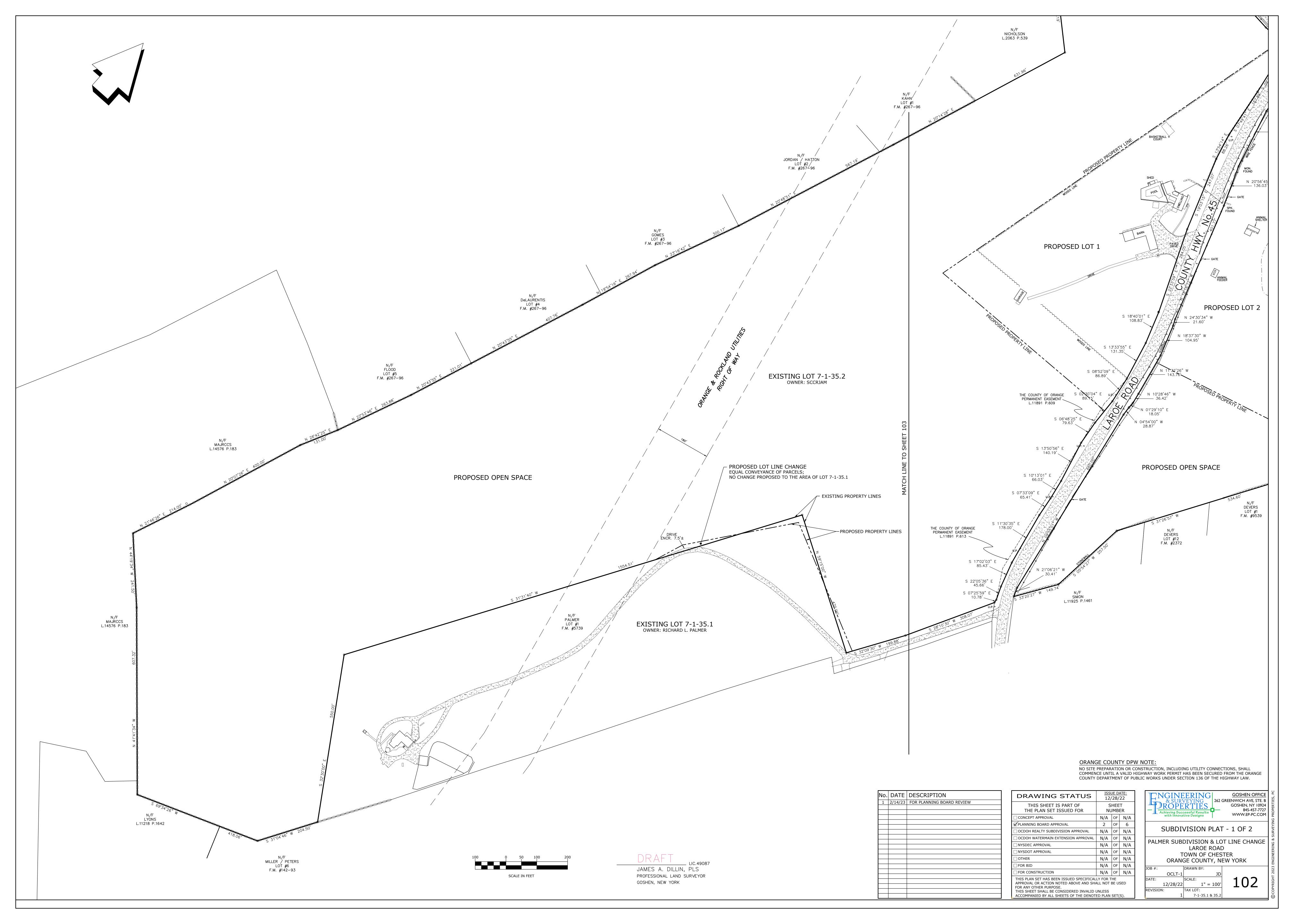
1 2/14/23 FOR PLANNING BOARD REVIEW

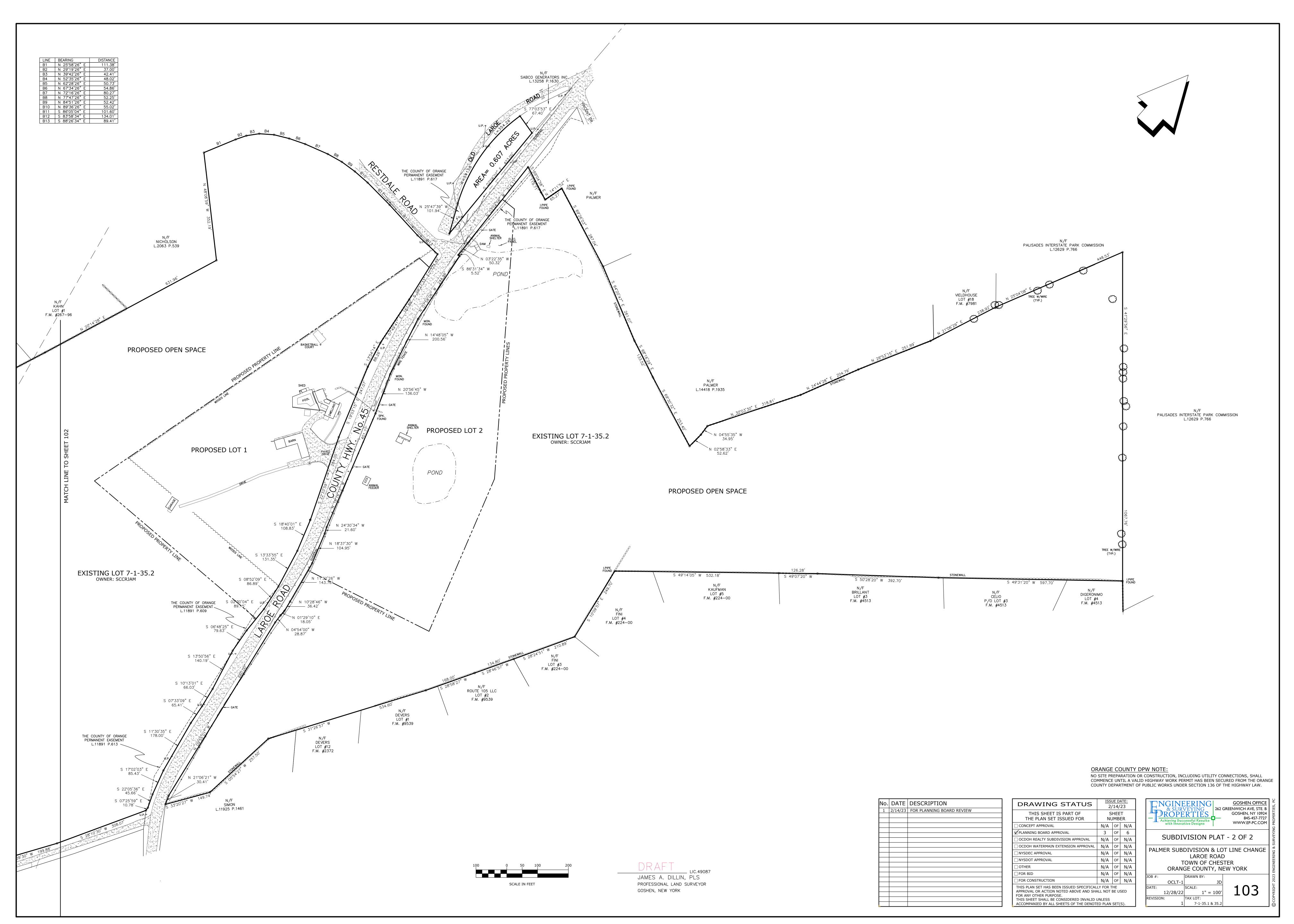
	THE PLAN SET ISSUED FOR	NUMBER		
	CONCEPT APPROVAL	N/A	OF	N/A
	✓ PLANNING BOARD APPROVAL	1	OF	6
	OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
	OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
	☐ NYSDEC APPROVAL	N/A	OF	N/A
	□ NYSDOT APPROVAL	N/A	OF	N/A
	OTHER	N/A	OF	N/A
	☐ FOR BID	N/A	OF	N/A
	☐ FOR CONSTRUCTION	N/A	OF	N/A
	THIS PLAN SET HAS BEEN ISSUED SPECIFICALI APPROVAL OR ACTION NOTED ABOVE AND SHAFOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID L ACCOMPANIED BY ALL SHEETS OF THE DENOTE	JNLESS	BE US	

DRAWING STATUS

THIS SHEET IS PART OF

JAMES A. DILLIN, PLS PROFESSIONAL LAND SURVEYOR GOSHEN, NEW YORK







# PERCOLATION TEST RESULTS

STABILIZED PERCOLATION RATE: 1.6 MINUTES/INCH

PERC. TEST 101, 24" DEEP, WITNESSED BY TOWN ENGINEER

STABILIZED PERCOLATION RATE: 2.2 MINUTES/INCH

STABILIZED PERCOLATION RATE: 4.8 MINUTES/INCH

STABILIZED PERCOLATION RATE: 4.2 MINUTES/INCH

PERC. TEST 201, 27" DEEP, WITNESSED BY TOWN ENGINEER

PERC. TEST 202, 27" DEEP, WITNESSED BY TOWN ENGINEER

NOT UTILIZED FOR DESIGN

STABILIZED PERCOLATION RATE: 5.2 MINUTES/INCH

TEST PIT RESULTS

PROPOSED LOT 1

TEST PIT 1 DATE: 12/14/22

DESCRIPTION TOPSOIL

20"-60" SILT LOAM W/ GRAVEL 60"-75" BANK RUN SAND & GRAVEL DEPTH OF PIT: 75" GROUNDWATER: NONE ENCOUNTERED BEDROCK: NONE ENCOUNTERED

MOTTLING: NONE ENCOUNTERED

DATE: 12/14/22 DESCRIPTION 0"-18" TOPSOIL 18"-48" SILT LOAM W/ GRAVEL

48"-78" BANK RUN SAND & GRAVEL

DEPTH OF PIT: 78" GROUNDWATER: NONE ENCOUNTERED BEDROCK: NONE ENCOUNTERED

TEST PIT 101, WITNESSED BY TOWN ENGINEER

DATE: 2/13/23

DEPTH DESCRIP 0"-12" TOPSOIL DESCRIPTION

MOTTLING: NONE ENCOUNTERED

12"-78" SANDY LOAM W/ GRAVEL, A FEW COBBLES

DEPTH OF PIT: 78" GROUNDWATER: SEEPAGE AT 72" BEDROCK: NONE ENCOUNTERED

MOTTLING: NONE ENCOUNTERED

TEST PIT 102, WITNESSED BY TOWN ENGINEER

DATE: 2/13/23 DESCRIPTION

TOPSOIL 12"-78" SANDY LOAM W/ GRAVEL, A FEW COBBLES

DEPTH OF PIT: 78" GROUNDWATER: NONE ENCOUNTERED BEDROCK: NONE ENCOUNTERED MOTTLING: NONE ENCOUNTERED

PROPOSED LOT 2

DATE: 12/14/22

0"-14" TOPSOIL 14"-70" SILT LOAM W/ COBBLES DEPTH OF PIT: 70"

GROUNDWATER: SEEPAGE AT 54", STANDING WATER AT 68" BEDROCK: NONE ENCOUNTERED MOTTLING: 36"

DATE: 12/14/22

0"-14" TOPSOIL 14"-84" SILT LOAM W/ GRAVEL AND COBBLES

DEPTH OF PIT: 84" GROUNDWATER: NONE ENCOUNTERED BEDROCK: NONE ENCOUNTERED

MOTTLING: NONE ENCOUNTERED

TEST PIT 201, WITNESSED BY TOWN ENGINEER DATE: 2/13/23

DESCRIPTION

0"-12" TOPSOIL
12"-67" SANDY LOAM W/ GRAVEL, A FEW COBBLES

DEPTH OF PIT: 67" GROUNDWATER: NONE ENCOUNTERED BEDROCK: NONE ENCOUNTERED MOTTLING: NONE ENCOUNTERED

TEST PIT 202, WITNESSED BY TOWN ENGINEER

DATE: 2/13/23

0"-12" TOPSOIL
12"-68" SANDY LOAM W/ GRAVEL, A FEW COBBLES

DEPTH OF PIT: 68" GROUNDWATER: STANDING WATER AT 66" BEDROCK: NONE ENCOUNTERED MOTTLING: NONE ENCOUNTERED

# PROPOSED LOT 1 - SEWAGE DISPOSAL SYSTEM DESIGN CRITERIA FOR FUTURE REPLACEMENT SYSTEM

1. EXISTING NUMBER OF BEDROOMS: 6

2. DESIGN FLOW = 6 BEDROOMS @ 110 GPD / BR = 660 GPD

4. DESIGN PERCOLATION RATE: 6-7 MINUTES / INCH

## PROPOSED LOT 2 - SEWAGE DISPOSAL SYSTEM DESIGN CRITERIA

.. PROPOSED NUMBER OF BEDROOMS: 4

2. DESIGN FLOW = 4 BEDROOMS @ 110 GPD / BR = 440 GPD 3. PROPOSED SIZE OF SEPTIC TANK: 1250 GALLONS

4. DESIGN PERCOLATION RATE: 6-7 MINUTES / INCH 5. REQUIRED LENGTH OF ABSORPTION FIELD = 165 LF

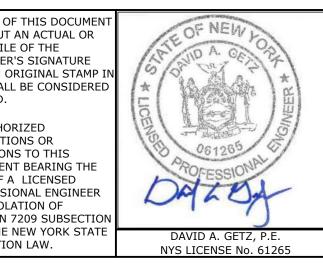
ORANGE COUNTY DPW NOTE:

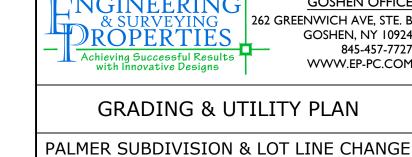
NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

	No.	DATE	DESCRIPTION
	1	2/14/23	FOR PLANNING BOARD REVIEW
-			

DRAWING STATUS	2/14/23			
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		•	
☐ CONCEPT APPROVAL	N/A	OF	N/A	
☑ PLANNING BOARD APPROVAL	4	OF	6	
OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A	
OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A	
☐ NYSDEC APPROVAL	N/A	OF	N/A	
☐ NYSDOT APPROVAL	N/A	OF	N/A	
☐ OTHER	N/A	OF	N/A	
☐ FOR BID	N/A	OF	N/A	
☐ FOR CONSTRUCTION	N/A	OF	N/A	
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED				

THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).





262 GREENWICH AVE, STE. B

GRADING & UTILITY PLAN

LAROE ROAD TOWN OF CHESTER ORANGE COUNTY, NEW YORK

7-1-35.1 & 35.2

GOSHEN OFFICE

GOSHEN, NY 10924

WWW.EP-PC.COM

845-457-7727

#### **GENERAL NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS, GUIDE RAILS, GUIDE POSTS, CULVERT PIPES, MAILBOXES, HEADWALLS, ETC. WHICH MUST BE REMOVED FOR CONSTRUCTION. CONTRACTOR SHALL REINSTALL ANY REMOVED ITEMS ON A DAILY BASIS. ANY ITEMS DAMAGED BY

REMOVAL OR REINSTALLATION SHALL BE REPLACED AND REINSTALLED BY THE CONTRACTOR WITH A NEW ITEM. 2. NO UTILITY WORK (WATER, SEWER STORM DRAINAGE) IS ALLOWED TO BE PERFORMED WITHIN THE COUNTY RIGHT-OF-WAY BETWEEN NOVEMBER 15 AND MARCH 15. 3. NO TRACK EQUIPMENT IS ALLOWED ON THE COUNTY ROAD WITHOUT PLACING MATS, PLYWOOD, TIRES, ETC. TO PROTECT THE ASPHALT ROAD.

4. NO OPEN TRENCHES ARE ALLOWED TO REMAIN OPEN OVERNIGHT WITHIN THE COUNTY RIGHT-OF-WAY. ALL TRENCHES ARE REQUIRED TO BE BACKFILLED ON A 5. ALL DISTURBED AREAS FOR THE INSTALLATION OF THE DRIVEWAYS ARE REQUIRED TO BE SHAPED AND GRADED, SEEDED AND MULCHED (WITHIN 24 HOURS) OF COMPLETION OF THE STABILIZED ENTRANCE.

### **MONUMENTATION:**

1. WHERE A PARCEL ABUTTING THE COUNTY HIGHWAY IS SUBDIVIDED, THE OWNER/APPLICANT SHALL BE REQUIRED TO PROVIDE PERMANENT MONUMENTATION OF THE HIGHWAY BOUNDARY IN A MANNER ACCEPTABLE TO THE COMMISSIONER OF PUBLIC WORKS OR HIS REPRESENTATIVE. MONUMENTATION SHALL BE INSTALLED BY A PROFESSIONAL LAND SURVEYOR LICENSED TO PRACTICE IN NEW YORK STATE. 2. SEE THE ATTACHED PRECAST SURVEY CONCRETE MONUMENT CUT SHEET WITH SPECIFICATIONS. AN APPROVED EQUAL IS ACCEPTABLE, ONLY AFTER IT HAS BEEN SUBMITTED FOR REVIEW AND APPROVAL BY ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS. THE PRECAST MONUMENT IS REQUIRED TO HAVE THE

#### LANDSCAPING:

I. NO PLANTINGS (SHRUBS / TREES) OR LANDSCAPING FEATURES (GATES, FENCES, STONE PILLARS, STONE WALLS, SIGNS, ETC.) SHALL BE PLACED WITHIN THE COUNTY RIGHT OF WAY. 2. ANY PLANTING AND LANDSCAPING FEATURES ARE REQUIRED TO BE OFFSET FROM THE PROPERTY LINE BY A MINIMUM OF 4 FEET

#### BACKFILL MATERIALS:

1. PROVIDE CROSS SECTION DETAILS FOR BACKFILL REQUIREMENTS WITHIN THE ASPHALT, WITHIN 8 FEET OF THE EDGE OF PAVEMENT, AND 8 FEET BEYOND FROM EDGE OF PAVEMENT. 2. DRY K-CRETE SHALL BE USED AT ALL ROAD CROSSINGS (TOWN ROADS), COMMERCIAL ENTRANCES, AND ALL TRENCHES WITH ASPHALT OR AS DIRECTED BY

ORANGE COUNTY INSPECTOR 3. ITEM NO. 4: ITEM 304.12 SUBBASE COURSE TYPE 2 IS REQUIRED TO BE USED AS BACKFILL FROM EDGE OF PAVEMENT OUT 8 FEET. 4. EXCAVATED MATERIAL IS ALLOWED TO BE USED AS BACKFILL MATERIAL 8 FEET BEYOND THE EDGE OF PAVEMENT. NO BOULDERS / ROCKS OVER 12 INCHES ARE ALLOWED TO BE USED AS BACKFILL 5. MATERIAL TICKETS ARE REQUIRED TO BE PROVIDED TO THE ORANGE COUNTY INSPECTOR ON A DAILY BASIS FOR ALL MATERIAL USED IN THE COUNTY RIGHT

## **ASPHALT RESTORATION:**

. ALL PAVEMENT RESTORATION NEEDS TO BE COMPLETED ON A DAILY BASIS.

PROPERTY CORNER SCRIBED IN THE SURFACE OF THE CONCRETE MONUMENT.

- 2. RAGGED TRENCH EDGES MUST BE SAW CUT PRIOR TO ANY PAVING (TEMPORARY OR PERMANENT). 3. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE 5" OF BINDER COURSE FLUSH WITH THE EXISTING PAVEMENT SURFACE THROUGHOUT THE DURATION OF THE PROJECT.
- 4. FINAL ASPHALT RESTORATION IS TO BE COMPLETED AT THE COMPLETION OF THE PROJECT. 5. ALL TEMPORARY ASPHALT IS REQUIRED TO BE 5 INCHES THICK AND PLACED IN 2 LIFTS OF 2∛ INCHES.
- 6. ALL EDGES OF EXISTING ASPHALT ARE REQUIRED TO BE SWEPT AND TACK COATED PRIOR TO PAVING. 7. ALL ASPHALT IS REQUIRED TO BE SAW CUT PARALLEL OR PERPENDICULAR TO THE TRENCH OR TO THE EXISTING ASPHALT. NO RAGGED EDGES ARE ACCEPTABLE
- B. ALL SAW CUTTING IS REQUIRED TO BE PERFORMED PRIOR TO PLACING ASPHALT BINDER. MILLING OUT THE JAGGED EDGES ON THE TOP COURSE OR FINAL ASPHALT WILL NOT BE ACCEPTED BY ORANGE COUNTY. 9. ALL ASPHALT JOINTS ARE REQUIRED TO BE CRACKED SEALED UPON COMPLETING FINAL PAVING.

#### MAINTENANCE AND PROTECTION OF TRAFFIC:

 ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ORANGE COUNTY REQUIREMENTS. 2 THE FOLLOWING SIGNS ARE REQUIRED TO BE PLACED IN EACH DIRECTION TO PERFORM THE WORK PER THE APPROVED PLANS: ROAD WORK 1500 FT. ROAD WORK 1000 FT, ROAD WORK 500 FT, ONE LANE ROAD AHEAD, FLAGGER SYMBOL ON EACH APPROACH WHEN TAKING A TRAVEL LANE. 3. WHEN WORK IS PERFORMED ON THE SHOULDER THE FOLLOWING SIGNS ARE REQUIRED: ROAD WORK 1500 FT, ROAD WORK 1000 FT, ROAD WORK 500 FT, NO

SHOULDER. FLAGGER SYMBOLS ARE REQUIRED TO BE AVAILABLE FOR A "NO SHOULDER" WORK ZONE IN CASE FLAGGERS ARE USED TO DIRECT TRAFFIC. 4. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONSTRUCTION SIGNAGE SHALL BE INSTALLED AND IN PLACE PRIOR ANY WORK STARTING. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO MEET THE REQUIREMENTS AS PER THE "NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND NYS SUPPLEMENT LATEST EDITION AND REVISIONS. IN A CASE WHERE COUNTY REQUIREMENTS ARE MORE STRINGENT WITH REGARD TO REQUIRED MPT SIGNAGE, THE COUNTY REQUIREMENTS ARE THE STANDARD TO BE ADHERED TO. THE CONSTRUCTION SIGNAGE SHALL BE INSTALLED ON PERMANENT POSTS, ON BREAKAWAY POSTS OR ON WIND-MASTERS AND COVERED AND UNCOVERED ON A DAILY BASIS. THE CONTRACTOR MUST HAVE ALL THE NECESSARY CONSTRUCTION SIGNS TO PERFORM THE WORK SAFELY; I.E. ADDITIONAL SIGNAGE: ONE LANE ROAD AHEAD, FLAGGER SYMBOL, IF A LANE

HAS TO BE CLOSED TO PERFORM WORK 5. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO BE 730-05.02 - ASTM TYPE III (CLASS B) AS PER NYS STANDARD SPECIFICATIONS: CONSTRUCTION AND MATERIALS. HI-INTENSITY REFLECTIVE SHEETING OFTEN REFERRED TO AS HIGH INTENSITY. IT IS RECOMMEND FOR HIGHWAY SIGNS, CONSTRUCTION SIGNS. DELINEATORS AND OTHER WORK ZONE DEVICES

5. WORK ZONE IS REQUIRED TO BE PROPERLY DELINEATED WITH CONES OR CONSTRUCTION BARRELS. . ORANGE COUNTY RESERVES THE RIGHT TO PRECLUDE ALL WORK AND LANE CLOSURES DURING ANY INCLEMENT WEATHER OR OTHER UNFORESEEN CIRCUMSTANCES (I.E. WET, ICY CONDITIONS, REDUCED VISIBILITY, TRAFFIC ACCIDENTS ON STATE, COUNTY, TOWN OR VILLAGE ROAD, OR OTHER EMERGENCIES). B NO LANE CLOSURES WILL BE PERMITTED FROM 12 NOON PRIOR TO A HOLIDAY AND LINTIL 10 AM THE DAY AFTER THE HOLIDAY 9. FLAGGERS SHALL NOT CONTROL MORE THAN ONE APPROACH AT ANY TIME THROUGHOUT THE DURATION OF THE WORK ZONE. ADDITIONAL FLAGGERS ARE REQUIRED TO CONTROL ALL APPROACHES IN A WORK ZONE.

#### **SEQUENCE OF CONSTRUCTION:**

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE. 2. INSTALL SILT FENCES AND OTHER PROTECTIVE MEASURES AS SHOWN ON THE SITE PLAN.

O. EIGHTEEN (18) INCH STOP AND SLOW PADDLES ARE REQUIRED TO DIRECT TRAFFI

11. TWO WAY RADIOS ARE REQUIRED FOR FLAGGERS TO COMMUNICATE BETWEEN EACH OTHER.

3. BEGIN CONSTRUCTION (DRIVEWAY, STRUCTURES, UTILITIES, ETC.) 4. STABILIZE ALL DISTURBED AREAS.

5. AFTER STABILIZATION OF ALL DISTURBED AREAS, BEGIN DRIVEWAY PAVEMENT AS SHOWN ON THE PLANS 6. REMOVE SILT FENCES AND OTHER PROTECTIVE MEASURES.

## **POLICY AND STANDARDS:**

1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW. 2. NO LANE CLOSURES WILL BE PERMITTED BETWEEN 12:00 NOON ON THE DAY PRIOR TO A HOLIDAY AND 10:00 AM ON THE DAY AFTER A HOLIDAY. NO WORK IS PERMITTED

ON HOLIDAYS AS PER ORANGE COUNTY'S APPROVED HOLIDAY SCHEDULE. 3. ORANGE COUNTY RESERVES THE RIGHT TO PRECLUDE ALL WORK AND LANE CLOSURES DURING ANY INCLEMENT WEATHER OR OTHER UNFORESEEN CIRCUMSTANCES (I.E. WET, ICY CONDITIONS, REDUCED VISIBILITY, TRAFFIC ACCIDENTS ON STATE, COUNTY, TOWN OF VILLAGE ROADS) OR DURING ANY OTHER EMERGENCIES. 4. NO ROAD PLATES ARE ALLOWED TO BE USED OVERNIGHT. ROAD PLATES ARE ONLY ALLOWED TO BE USED DURING DAILY OPERATIONS TO MAINTAIN TRAFFIC THROUGH THE 5. OSHA REQUIREMENTS (29 CFR 1926) MUST BE ADHERED TO AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING ANY TRENCH OR EXCAVATION THAT IS

GREATER THAN FIVE (5) FEET OR WHICH, IN THE OPINION OF THE OCDPW INSPECTOR IN THE FIELD, POSES A DANGER TO THE CONTRACTOR'S PERSONNEL ON THE JOB. THE CONTRACTOR HAS THE OPTION OF USING A PREFABRICATED SHORING SYSTEM, INSTALLING A TIMBER—CONSTRUCTED SYSTEM PER OSHA SPECIFICATIONS, OR A TIMBER SYSTEM DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER. NO OTHER SHORING SYSTEM WILL BE APPROVED FOR USE. 6. ALL BACKFILL IS REQUIRED TO BE PLACED AND COMPACTED IN TWELVE (12) INCH LIFTS, MAXIMUM.

7. A MECHANICAL SWEEPER MUST BE AVAILABLE AT ALL TIMES TO SWEEP AND MAINTAIN SAFE ROAD CONDITIONS ON THE COUNTY ROAD. THE ROADWAY SHALL BE SWEPT DAILY OR AS OTHERWISE REQUIRED BY THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS. 8. FOR EXCAVATION WORK, THE FOLLOWING EQUIPMENT IS REQUIRED TO BE ON-SITE AND FULLY OPERATIONAL

A. VIBRATORY TRENCH ROLLER - PRIMARY COMPACTION EQUIPMENT B. JUMPING JACK COMPACTOR - SECONDARY COMPACTION EQUIPMENT FOR USE IN TIGHT AREAS WHERE THE VIBRATORY TRENCH ROLLER CAN NOT BE USED. C. MECHANICAL SWEEPER

D. SIDE DUMP LOADER OR SKID STEER (I.E. BOBCAT) F. ASPHALT ROLLER IF ANY OF THE ABOVE EQUIPMENT IS NOT OPERATIONAL, NO EXCAVATION SHALL BE PERFORMED UNTIL ALL EQUIPMENT IS FUNCTIONING PROPERLY. 9. ALL ASPHALT SHALL BE SAW-CUT PRIOR TO REMOVAL. CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE TRENCH OR TO EXISTING ASPHALT. RAGGED EDGES ARE

NOT ACCEPTABLE AND MUST BE CUT OR RE-CUT PRIOR TO ANY PAVING (TEMPORARY OR PERMANENT). MILLING OUR THE RAGGED PAVEMENT EDGES PRIOR TO PLACING THE TOP OR FINAL ASPHALT WILL NOT BE ACCEPTED. 10. ALL DISTURBED PAVEMENT IS REQUIRED TO BE RESTORED ON A DAILY BASIS. ALL TEMPORARY ASPHALT IS REQUIRED TO BE FIVE (5) INCHES THICK AND PLACED IN TWO (2) LIFTS OF TWO AND HALF (21) INCHES.

11. THE PERMITTEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY ASPHALT FLUSH WITH THE SURROUNDING EXISTING PAVEMENT SURFACE THROUGHOUT THE DURATION OF THE PROJECT MAINTENANCE SHALL BE COMPLETED DAILY OR AS OTHERWISE NECESSARY. FINAL ASPHALT RESTORATION IS TO BE COMPLETED AT THE END OF THE PROJECT. 12. ALL EDGES OF EXISTING ASPHALT ARE REQUIRED TO BE SWEPT AND TACK COATED PRIOR TO PAVING.

13. ALL ASPHALT JOINTS ARE REQUIRED TO BE CRACK SEALED UPON COMPLETING FINAL PAVING. 14. NO PLANTINGS, SIGNS, OR LANDSCAPING FEATURES (TREES, SHRUBS, GATES, FENCES, STONE WALLS, STONE PILLARS, SIGNS, ETC.) SHALL BE PLACED WITH ANY COUNTY RIGHT-OF-WAY. NO STONE OR BOULDERS SHALL BE PLACED OR INSTALLED WITH ANY COUNTY RIGHT-OF-WAY FOR ANY PURPOSE (I.E. LANDSCAPING FEATURES, RETAINING STRUCTURES, OR TO CREATE A FLARE AT THE END OF A CULVERT). 15. ALL PROPOSED SIGNS, EXCEPT FOR HIGHWAY TRAFFIC SIGNS, ARE REQUIRED TO BE OFFSET FROM THE RIGHT-OF-WAY/FRONT PROPERTY BOUNDARY BY FOUR (4) FEET

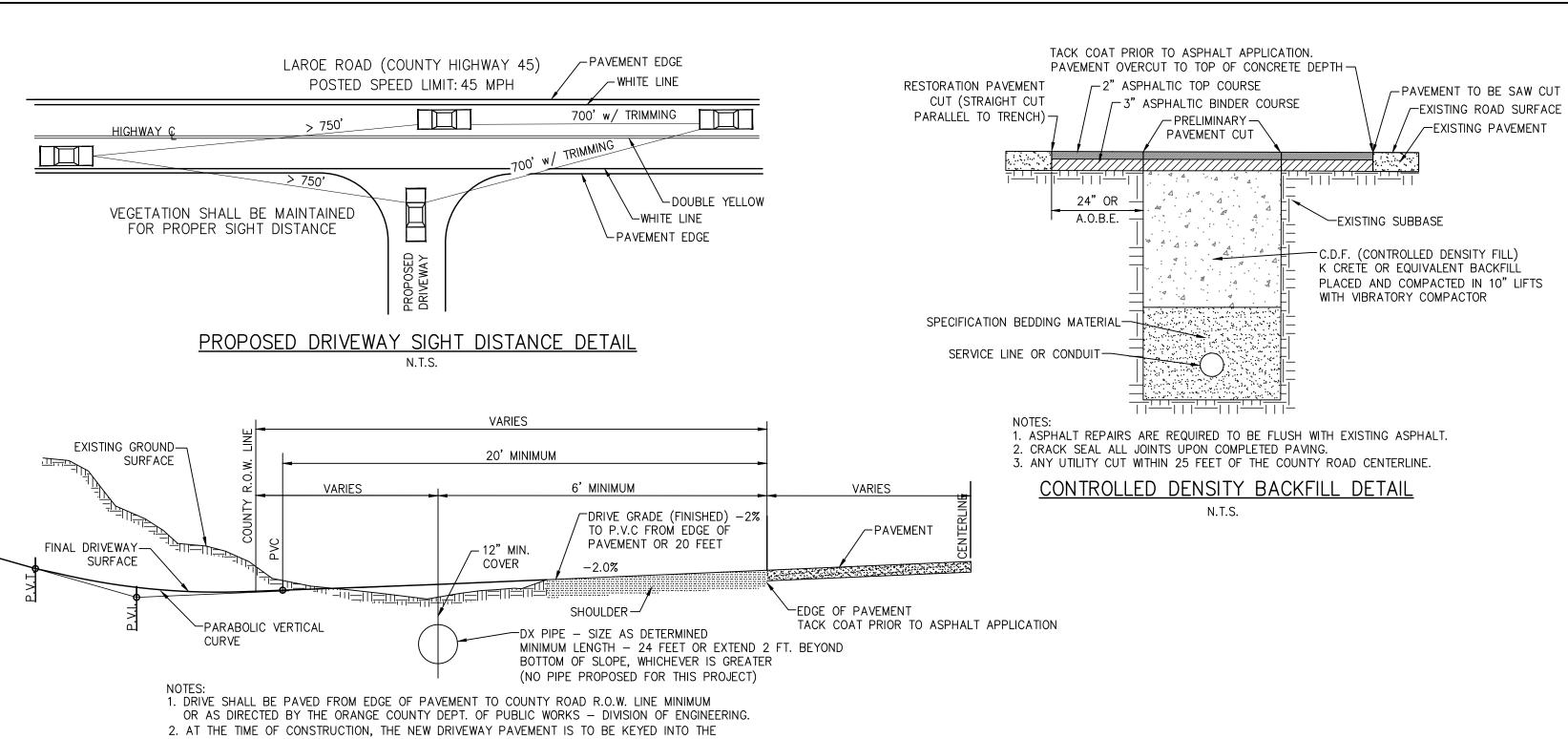
AND MUST BE FULLY CONTAINED ON PRIVATE PROPERTY. ALL PROPOSED FENCES, WALLS, GATES, AND LANDSCAPING FEATURES ARE REQUIRED TO BE OFFSET BY FIVE (5) FEET FROM THE PROPERTY BOUNDARY AND MUST BE FULLY CONTAINED ON, AND MAINTAINABLE FROM, PRIVATE PROPERTY. 16. ALL REQUIRED RIGHT-OF-WAY MONUMENTATION SHALL BE INSTALLED BY A PROFESSIONAL LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF NEW YORK. 17. THE PERMITTEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH ADJACENT PROPERTY OWNERS, RESIDENTS AND BUSINESSES TO ENSURE

THAT THEY CAN SAFELY ENTER AND EXIT THEIR DRIVEWAYS DURING THE COURSE OF DAY TO DAY OPERATIONS. 18. THE PERMITTEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL SIGNS, GUIDE RAILS, GUIDE POST, CULVERT PIPES, MAILBOXES, HEADWALLS, ETC. WHICH MUST BE REMOVED TO FACILITATE CONSTRUCTION. ALL ITEMS REMOVED SHALL BE REINSTALLED ON A DAILY BASIS. ANY ITEMS DAMAGED BY REMOVAL OR REPLACEMENT SHALL BE REPLACED WITH NEW AND REINSTALLED BY THE PERMITTEE

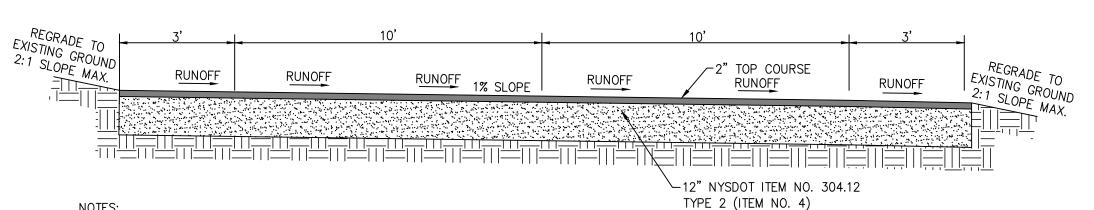
19. MAINTENANCE AND PROTECTION OF TRAFFIC IS REQUIRED TO BE PERFORMED IN ACCORDANCE WITH ORANGE COUNTY REQUIREMENTS. THE MORE STRINGENT SIGN REQUIREMENTS OF ORANGE COUNTY ARE IN ADDITION TO THE REQUIREMENTS DESCRIBED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE NEW YORK STATE SUPPLEMENT, LATEST EDITIONS AND REVISIONS. 20. ALL CONSTRUCTION SIGNS FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN PLACE AND INSTALLED PRIOR TO STARTING ANY WORK. SIGNS SHALL BE

INSTALLED ON BREAKAWAY POSTS OR "WIND-MASTER" SUPPORTS AND SHALL BE COVERED AND UNCOVERED ON DAILY BASIS. IF A LANE HAS TO BE CLOSED TO PERFORM WORK, ALL NECESSARY SIGNS (SUCH AS "ONE LANE ROAD AHEAD" AND "FLAGGER" SYMBOL) FOR THE LANE CLOSURE MUST BE INSTALLED IN ADDITION TO THOSE SHOWN ON THE APPROVED MPT PLAN. 21. FLAGGERS SHALL NOT CONTROL MORE THAN ONE APPROACH TO OR THROUGH A WORK ZONE AT ANY TIME. ONE FLAGGER FOR EACH TRAFFIC APPROACH IS REQUIRED AT 22. ALL CONSTRUCTION SIGNS ARE REQUIRED TO BE FABRICATED WITH ASTM TYPE III (CLASS B), HIGH INTENSITY, REFLECTIVE SHEETING CONFORMING TO SECTION 730-5.02 OF THE NYSDOT STANDARD SPECIFICATIONS.

23. EIGHTEEN (18) INCH STOP/SLOW PADDLES REQUIRED TO DIRECT TRAFFIC. 24. TWO-WAY RADIOS ARE REQUIRED FOR FLAGGERS TO COMMUNICATE WITH EACH OTHER.



COUNTY ROAD SHOULDER ASPHALT AS DIRECTED BY THE ORANGE COUNTY DEPT. OF PUBLIC WORKS - DIVISION OF ENGINEERING. TYPICAL EXCAVATION SECTION



1. EXISTING SWALES ALONG THE COUNTY ROAD TO BE GRADED TO ENSURE POSITIVE DRAINAGE. 2. THE EDGE OF THE NEW ASPHALT APRON IS REQUIRED TO BE BACKED UP WITH ITEM NO.4 AND TAPERED INTO THE EXISTING GRADES. 3. ALL DISTURBED AREAS ARE REQUIRED TO BE PROPERLY GRADED (SEEDED & STRAWED OR OTHERWISE STABILIZED) UPON INSTALLATION OF

N.T.S.

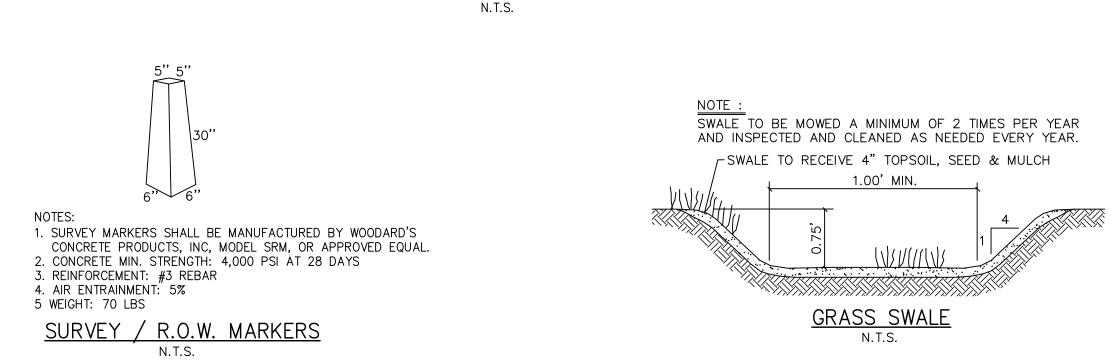
THE CULVERT PIPE (IF A CULVERT PIPE IS REQUIRED). 4. NO STONES / BOULDERS ALLOWED TO BE USED AT HEADWALLS.

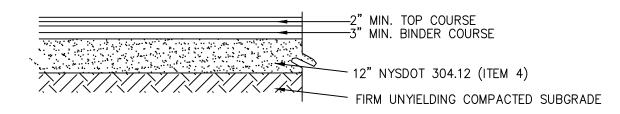
5. NO PAVERS ALLOWED WITHIN COUNTY R.O.W. 6. NEW GUTTERS / SWALES SHALL BE GRADED TO EXISTING ROAD SWALES AND / OR DRIVEWAY CULVERTS TO MAINTAIN POSITIVE DRAINAGE

FLOWS AND PREVENT FLOODING OF ROADWAYS. 7. AT THE TIME OF CONSTRUCTION, THE NEW DRIVEWAY PAVEMENT TO BE KEYED INTO THE COUNTY ROAD SHOULDER ASPHALT AS DIRECTED

BY THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS - DIVISION OF ENGINEERING. 8. SLOPE DRIVEWAY ENTRANCE TO ALLOW RUNOFF TO CROSS THE DRIVEWAY APRON.

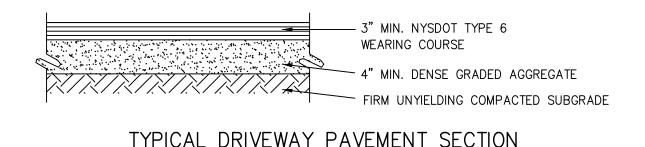
SECTION - ORANGE COUNTY DRIVEWAY ENTRANCE DETAIL



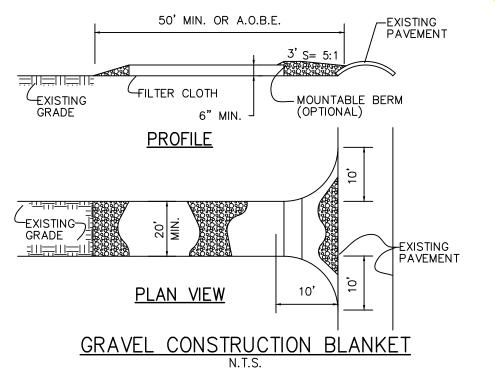


## PAVEMENT SECTION FROM EDGE OF COUNTY ROAD TRAVEL LANE

NOTE: DRIVEWAY SHALL BE PAVED PER ORANGE COUNTY DPW SPECIFICATIONS FROM THE EDGE OF TRAVEL LANE FOR 50 FEET.



NOTE: THIS DETAIL APPLIES TO PORTIONS OF THE DRIVEWAY BEYOND THE FIRST 50 FEET.



GRAVEL CONSTRUCTION ENTRANCE BLANKET <u>SPECIFICATIONS:</u>

STONE SIZE - USE 1"-4" STONE AGGREGATE LENGTH - 50 FT.

THICKNESS - 6" MINIMUM THICKNESS.

WIDTH - NOT LESS THAN THE FULL WIDTH DRIVEWAY WIDTH AT POINTS OF INGRESS OR EGRESS. 5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO

PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE

6. 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.

7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED

ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE

AND WHICH DRAINS INTO A APPROVED SEDIMENT TRAPPING DEVICE. 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED

10. ONCE ONSITE CLEARING, GRADING, AND EXCAVATION IS COMPLETE, THE DRIVEWAY SUBBASE (ITEM 4) CAN BE INSTALLED.

ORANGE COUNTY DPW NOTE:

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

	DESCRIPTION	DAIL	IVO.
	FOR PLANNING BOARD REVIEW	2/14/23	1
□С			
<b>✓</b> PI			
□0			
□N			
□N			
□0			
☐ F			
☐ F			
TH:			
API FOI TH:			
AC			

No DATE DESCRIPTION

DRAWING STATUS	ISSUE DATE: 2/14/23		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		
☐ CONCEPT APPROVAL	N/A	OF	N/A
✓ PLANNING BOARD APPROVAL	5	OF	6
OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).			

COPIES OF THIS DOCUMENT WITHOUT AN ACTUAL OR FACSIMILE OF THE ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP IN INK SHALL BE CONSIDERED INVALID.	STA STANDARD
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209 SUBSECTION	OF ESSIONAL DA
2 OF THE NEW YORK STATE EDUCATION LAW.	DAVID A. GETZ, P.E. NYS LICENSE No. 61265

of the same of	IC IA	_	
ATE OF I	IEW GE	00	
O'STA	10	1 / 1/2/2 / 1/2 /	Ì
			No. of Particular Part
06	1265	100	/
A Dr	SSION	Al	
DA 2	(8)	1	9
DAVID A			
NYS LICEN	ISE NO	. 61265	

	ROPE Achieving Successible Innovation
	DR:
-	PALMER SUBE
	T( ORANG

DR	IVEWAY DE	ΓAILS
ALMER SUBI	DIVISION & LC	T LINE CHANGE
	LAROE ROAI	)
Т	OWN OF CHES	STER
ORANG	GE COUNTY, N	EW YORK
#•	DRAWN BY:	

262 GREENWICH AVE, STE. E

GOSHEN, NY 10924

WWW.EP-PC.COM

845-457-7727

### **CONSTRUCTION NOTES:**

- SEWAGE DISPOSAL SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE HEALTH CODE.
- EROSION CONTROL MEASURES SHALL BE ESTABLISHED PRIOR TO THE START OF CONSTRUCTION AND BE MAINTAINED TO THE TOWN BUILDING INSPECTOR'S SATISFACTION UNTIL DISTURBED AREAS HAVE BEEN STABILIZED.
- SEWAGE DISPOSAL LOCATIONS SHALL NOT TO BE CHANGED. "AS-BUILT" PLANS, CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER, SHALL BE SUBMITTED TO THE TOWN OF CHESTER UPON THE COMPLETION OF CONSTRUCTION.
- CELLAR, ROOF AND FOOTING DRAINS SHALL NOT DISCHARGE TO THE SEWAGE DISPOSAL SYSTEM.
- THE PROPOSED SEWAGE DISPOSAL SYSTEM LOCATION CONFORMS TO THE REQUIRED SEPARATION DISTANCES WITH RESPECT TO THE LOCATION OF EXISTING WELLS ON THE SITE AND ON NEARBY LOTS. 5. THE SEWAGE DISPOSAL SYSTEM HAS BEEN DESIGNED TO HANDLE A TOTAL OF 4 BEDROOMS

SEWAGE DISPOSAL SYSTEM MUST BE A MINIMUM 35 FEET FROM ANY STORMWATER DRAINAGE SYSTEMS.

- 8. ALL FOOTING DRAINS WITHIN 25 FEET OF A WELL MUST BE WATERTIGHT, AND WATER LINES SHALL BE LOCATED AT LEAST 10 FEET FROM ANY PART OF A SEWAGE DISPOSAL SYSTEM.
- 9. DRAINAGE DITCHES SHALL BE FREE FLOWING AND NOT LESS THAN 25 FEET FROM A WELL.
- I. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELD EXCEPT DURING THE ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD BEFORE, DURING, OR AFTER
- 12. NO SWIMMING POOLS, DRIVEWAYS OR STRUCTURES WHICH MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PART OF THE ABSORPTION FIELD. 3. THE SEWAGE DISPOSAL SYSTEM HAS NOT BEEN DESIGNED TO ACCOMMODATE GARBAGE GRINDERS,

WATER SOFTENERS, OR "JACUZZI" TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS

SHALL NOT BE INSTALLED UNLESS THE SEWAGE DISPOSAL SYSTEM IS REDESIGNED TO ACCOUNT

- 14. INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE USED FOR HOUSEHOLD DOMESTIC PURPOSES IN THE EVENT THAT PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC FACILITIES SHALL BE REQUIRED WITHIN ONE YEAR OF AVAILABILITY.
- 5. THE NYSDOH RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS DESIGN HANDBOOK, 2012, APPENDIX C IDENTIFIES THE LIST OF "ACCEPTED' GRAVELLESS PRODUCTS.

## SOIL EROSION CONTROL NOTES

SILT FENCE BARRIERS SHALL BE INSTALLED PRIOR TO CONSTRUCTION

10. NO REGRADING IS ALLOWED IN THE AREA OF THE ABSORPTION FIELD.

FOR THEIR USE, AND RE-APPROVED BY THE TOWN OF CHESTER.

2. DISTURBANCE TO BE LIMITED TO THE MINIMUM NECESSARY FOR THE GRADING AND CONSTRUCTION OF THE DWELLING, DRIVEWAY, LAWN, UTILITIES, ETC. . TEMPORARY SEEDING WITH ANNUAL RYE GRASS OR OTHER RAPID GROWING

MIXTURE SHALL BE PERFORMED ON DISTURBED SOIL REMAINING VACANT FOR

- MORE THAN 14 DAYS AS FOLLOWS: a. LOOSEN SEEDBED BY DISCING TO 4" DEPTH
- FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 FERTILIZER (20 LBS. PER 1,000 SQ. FT.)
- c. SEED WITH ANNUAL RYEGRASS (2.5 LBS. PER 1,000 SQ. FT.) d. MULCH WITH STRAW (90 LBS. PER 1,000 SQ. FT.)
- I. ALL DISTURBED AREAS TO BE MULCHED TO PREVENT EROSION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUESTS OF THE TOWN ENGINEER OR BUILDING INSPECTOR DURING CONSTRUCTION WITH REGARD TO EROSION CONTROL DEVICES.
- 5. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED. . DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY CEASES
- SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY, AS FOLLOWS: a. LOOSEN SEVERELY COMPACTED AREAS BY DISCING TO 12" DEPTH.
- b. FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 FERTILIZER (20 LBS. PER 1,000 SQ. FT.) c. SEED WITH THE FOLLOWING MIXTURE AT 5 LBS. PER 1,000 SQ. FT.:

4" DIA. POLYLOC INLET w/ BAFFLE-

S= 2% MIN. ---

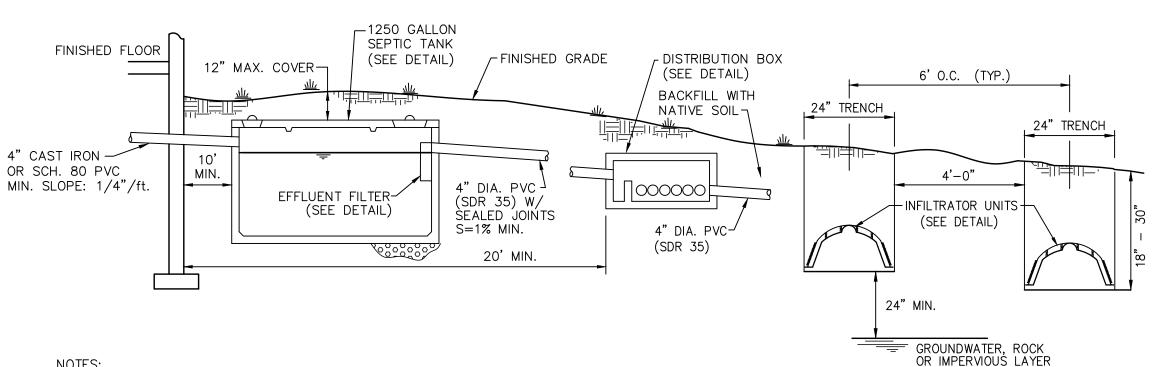
FROM BUILDING

4-1/4"-

SUBGRADE ———

4" DIA. C.I. OR SCH. 80 PVC -

- 50% KENTUCKY BLUEGRASS 25% MANHATTAN RYE GRASS 25% PENNLAWN CREEPING RED FESCUE
- d. MULCH WITH SALT HAY OR STRAW (90 LBS. PER 1,000 SQ. FT.) TEMPORARY STONE CHECK DAMS SHALL BE INSTALLED IN DRIVEWAY SWALES WHERE THE SLOPE EXCEEDS 8%.
- 8. SEED SHALL BE PLACED DURING SPRING, SUMMER OR FALL IN ACCORDANCE WITH INDUSTRY STANDARDS.



1. AS SHOWN ON THE PLANS, A DIVERSION SWALE SHALL BE CONSTRUCTED

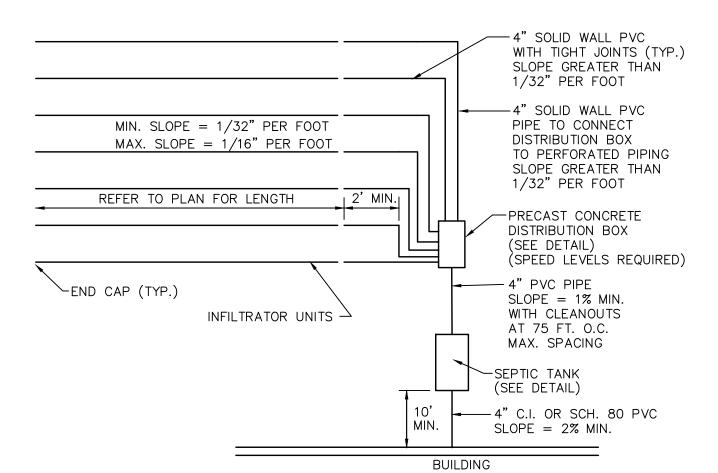
- UPHILL FROM THE ABSORPTION FIELD AREA TO DIVERT SURFACE RUNOFF AND PREVENT IT FROM ENTERING THE TRENCHES.
- 2. TRENCHES SHALL NOT BE INSTALLED IN WET SOILS.
- 3. TRENCH BOTTOMS SHALL BE LEVEL. SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED PRIOR TO PLACEMENT OF INFILTRATOR.
- 4. AS SHOWN ON THE PLAN, TRENCHES SHALL BE INSTALLED PARALLEL
- TO THE GROUND CONTOURS. 5. A MINIMUM OF 4 FEET OF UNDISTURBED SOIL SHALL BE MAINTAINED BETWEEN TRENCHES.
- 6. LATERALS SHALL SLOPE FROM 1/16 INCH TO 1/32 INCH PER FOOT.
- INSTALLED TO PROVIDE THE CONNECTION FROM THE DISTRIBUTION BOX TO THE INFILTRATOR UNITS. THIS 2-FOOT SECTION SHALL BE BACKFILLED WITH NATIVE SOIL. 8. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO

7. A SECTION OF SOLID-WALLED PVC PIPE AT LEAST 2 FEET IN LENGTH SHALL BE

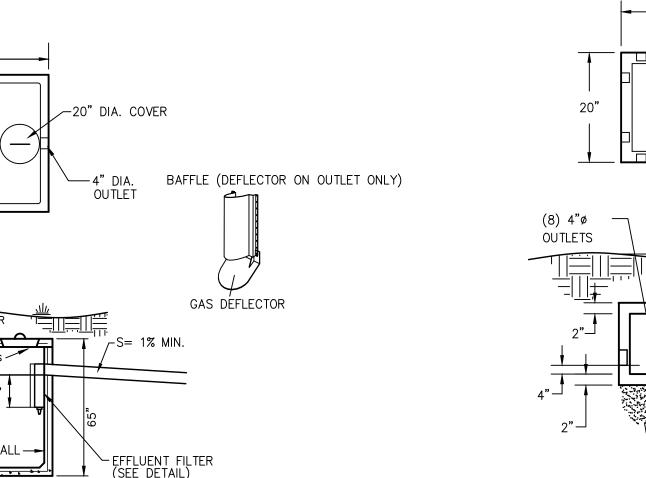
- DISCHARGE THROUGH THE STACK VENT.
- 9. GRAVELLESS ABSORPTION SYSTEM PRODUCTS SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S INSTRUCTIONS

10. ALL GRAVELLESS TRENCHES SHALL BE OF EQUAL LENGTH.

SECTION - INFILTRATOR SUBSURFACE SEWAGE DISPOSAL SYSTEM N.T.S.



SCHEMATIC PLAN - ABSORPTION FIELD AREA N.T.S.



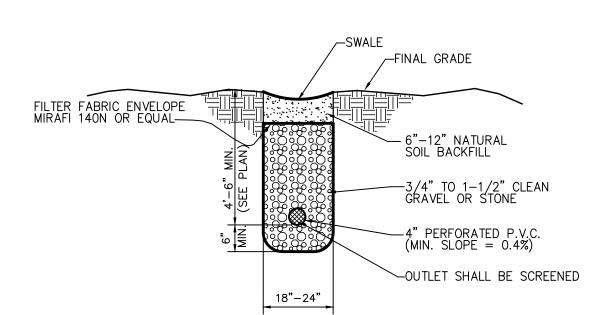
1250 GALLON SEPTIC TANK

FIRM UNYIELDING 3" MIN. PEA GRAVEL

COVERS

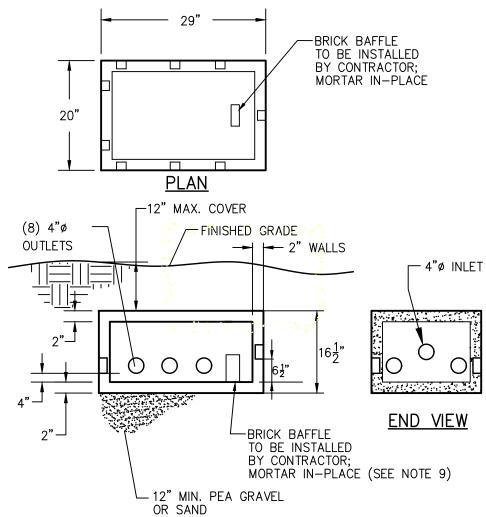
N.T.S. 1. TANK SHALL BE PRECAST TANK AS MANUFACTURED BY WOODARD'S

- CONCRETE PRODUCTS, INC. OR APPROVED EQUAL. 2. CONCRETE MINIMUM STRENGTH: 4,000 PSI AT 28 DAYS
- 3. STEEL REINFORCEMENT: 6"x6"x10 GA STEEL WIRE MESH 4. CONSTRUCTION JOINT: SEALED WITH BUTYL RUBBER SEALANT OR EQUIVALENT 5. SEPTIC TANKS SHALL BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.



CURTAIN DRAIN

1. PERFORATIONS IN THE PIPE ARE TO FACE DOWNWARDS. 2. PERFORATED PIPE SHALL BE USED IN THE CURTAIN DRAIN AROUND THE ENTIRE SEPTIC SYSTEM WHICH INCLUDES THE EXPANSION AREA. AT THE END OF THE EXPANSION AREA THE PIPE SHALL BE CHANGED TO SOLID PVC UNTIL THE OUTLET IS AT GRADE. (SEE PLANS FOR LOCATIONS.)

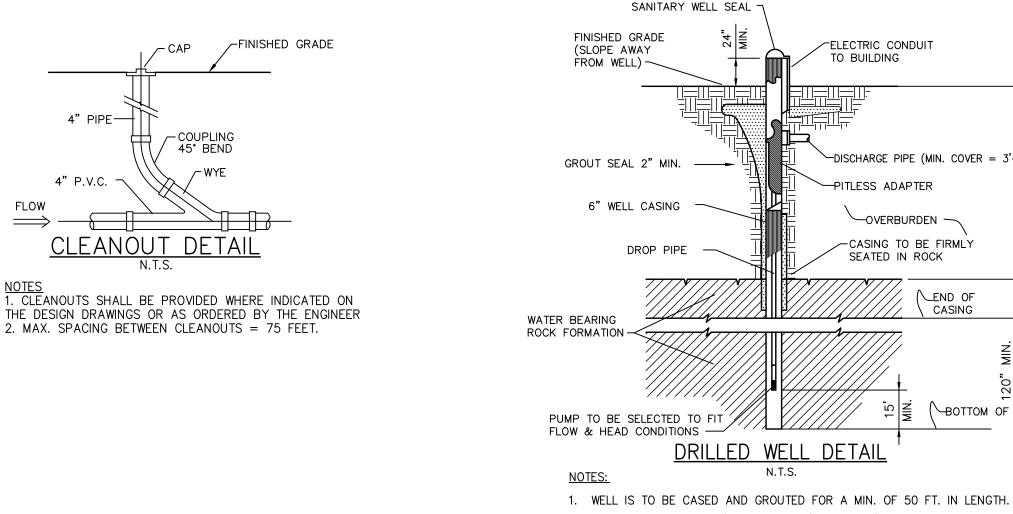


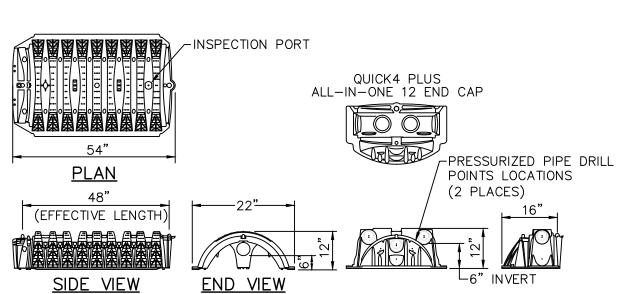
8-WAY DISTRIBUTION BOX

N.T.S. 1. DISTRIBUTION BOX SHALL BE MODEL DB-9/8 AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. OF BULLVILLE , N.Y. OR APPROVED EQUAL.

- MINIMUM CONCRETE STRENGTH: 4,000 PSI AT 28 DAYS PIPE CONNECTIONS SHALL BE WATERTIGHT
- 4. UNUSED OUTLETS TO BE PLUGGED OR CAPPED 5. A SPEED LEVELER SHALL BE INSTALLED ON EACH OUTLET 6. OUTLETS MUST BE USED IN A MANNER THAT WILL ALLOW ACCESS
- FOR EXPANSION WITHOUT DISTURBING EXISTING PIPING. 7. THE DISTRIBUTION BOX SHOULD BE INSPECTED PERIODICALLY TO
- ASSURE IT IS LEVEL AND OPERATING PROPERLY.

  8. ALL OUTLET INVERTS MUST BE SET AT THE SAME ELEVATION. 9. THE BAFFLE IS TO BE INSTALLED VERTICALLY TO THE INLET CENTERLINE, AND LATERALLY APPROXIMATELY 4" FROM THE INLET.





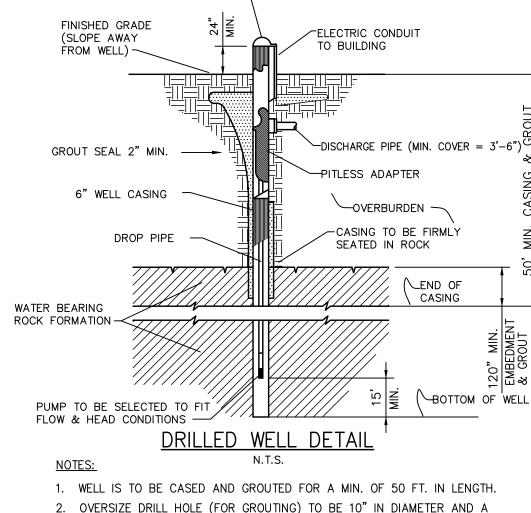
FLOW

THE QUICK 4 EQUALIZER 36 CHAMBER STANDARD CHAMBER INFILTRATOR UNIT N.T.S.



# SPEED LEVELER DETAIL FSL-4

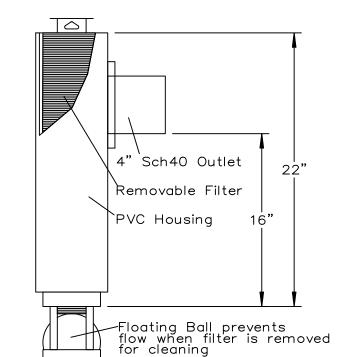
- 1. INSERT A SPEED LEVELER TM IN THE END OF ALL OUTLET PIPES IN THE DISTRIBUTION BOX. 2. ROTATE UNTIL EFFLUENT ENTERS ALL OUTLETS EQUALLY. 3. COMPENSATES FOR UP TO 1-1/4" DIFFERENCE IN PIPE END ELEVATIONS. 4. FITS ALL 4" SMOOTH WALL AND CORRUGATED PIPES.
- 5. MFG.: WOODARD'S CONCRETE PRODUCTS, INC. (OR EQUAL) 629 LYBOLT ROAD, BULLVILLE NY 10915 (914) 361-3471



- MINIMUM OF 50 FT. IN LENGTH. 3. EXPECTED DEPTH OF OVERBURDEN = UNKNOWN
- 4. EXPECTED DEPTH OF WATER BEARING FORMATION = UNKNOWN
- 5. WELL CASING TO CONFORM TO AWWA STANDARD A100, LATEST, EDITION. 6. PITLESS ADAPTER AND SANITARY WELL SEAL SHALL BE MONITOR MODEL
- NO. 5PL-6-U-CL, MFG. BY THE BAKER MFG. CO.; EVANSVILLE, WISC. 7. DISCHARGE PIPE: HEAVY DUTY POLYBUTYLENE 160, AWWA C902. 8. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER
- THAN 10 FT. TO A SEPTIC TANK, TILE FIELD OR ANY OTHER PART OF A SEWAGE DISPOSAL SYSTEM.
- 9. CAST IRON PIPES WITH WATERTIGHT JOINTS SHALL BE PROVIDED FOR SEWAGE LINES WITHIN 50 FT. OF ANY WELL.
- 10. MINIMUM WELL YIELD SHALL BE 5.0 GPM.
- 11. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS.) AND 5 TO 5-1/2 GALLONS OF CLEAN WATER.

WITH APPENDIX 5—B, TABLE 1, NOTE 1.

- 12. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, LATEST EDITION.
- 13. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION RURAL WATER SUPPLY, NYS DEPT. OF HEALTH, LATEST EDITION. 14. THE PUMP AND DISCHARGE PIPING SELECTED MUST BE CAPABLE OF DELIVERING
- THE REQUIRED FLOW RATE TO MEET WELL DEPTH AND SYSTEM REQUIREMENTS. 15. THE WELL CASING SHALL EXTEND A MINIMUM OF 24 INCHES ABOVE THE
- FINAL GROUND ELEVATION AND NOT LESS THAN 24 INCHES ABOVE THE 100-YEAR FLOOD LEVEL. 16. IF THE DEPTH AT WHICH WATER ENTERS THE WELL IS LESS THAN 50 FEET BELOW GRADE, EITHER THERE MUST BE A MINIMUM OF 50 FEET OF PROPERLY GROUTED CASING INSTALLED OR SEPARATIONS MUST BE INCREASED BY 50% IN ACCORDANCE

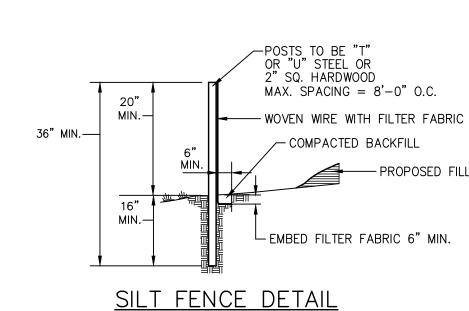


Construction: PVC or Polyethylene plastic

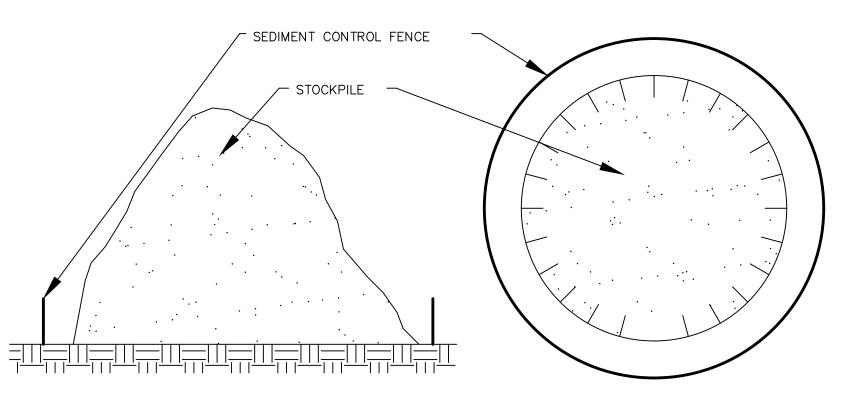
NSF Standard 45 Certified | Flow | Slot | L. Feet | Pipe BrandModelGPDSizeFiltrationSizeUsed ForPolylokPL-688001/16"684"Residential

# EFFLUENT FILTER - POLYLOK PL - 68

N.T.S. 1. EFFLUENT FILTER SHALL BE A POLYLOK, PL-68 OR APPROVED EQUAL. 2. EFFLUENT FILTER WILL OPERATE EFFICIENTLY FOR SEVERAL YEARS UNDER NORMAL CONDITIONS BEFORE REQUIRING CLEANING. IT IS RECOMMENDED THAT THE FILTER BE CLEANED EVERY TIME THE SEPTIC TANK IS PUMPED, OR AT LEAST EVERY THREE



- WHERE TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY
- SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- 3. SILT FENCE FABRIC TO BE MIRAFI 100X OR APPROVED EQUAL 4. WOVEN WIRE FENCE (MIN. 14.5 GAUGE, MAX 6" MESH SPACING)



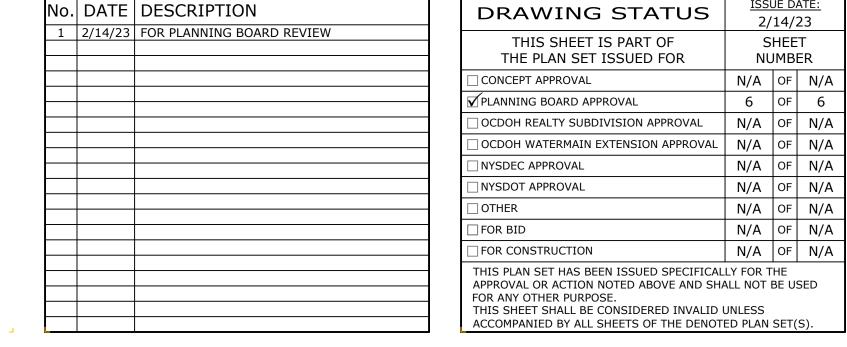
SEDIMENT CONTROL FENCE TO BE INSTALLED AROUND STOCKPILE (SEE SEDIMENT CONTROL FENCE DETAIL).

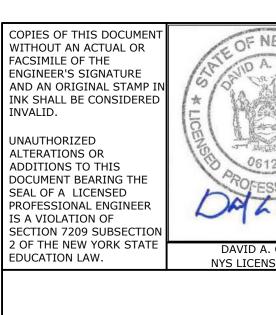
STOCKPILE TO RECEIVE TEMPORARY SEEDING IF IT REMAINS IN PLACE FOR MORE THAN 30 DAYS.

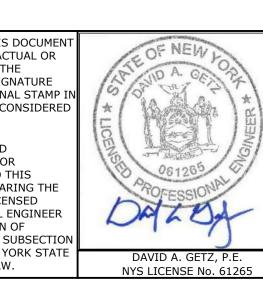
TOPSOIL STOCKPILE DETAIL

ORANGE COUNTY DPW NOTE: NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

2/14/23







CONSTRUCTION DETAILS PALMER SUBDIVISION & LOT LINE CHANGE

LAROE ROAD TOWN OF CHESTER ORANGE COUNTY, NEW YORK DRAWN BY:

AS NOTED

7-1-35.1 & 35.2

GOSHEN OFFICE

GOSHEN, NY 10924

WWW.EP-PC.COM

845-457-7727

262 GREENWICH AVE, STE. B