

### McGOEY, HAUSER and EDSALL CONSULTING ENGINEERS D.P.C.

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# TOWN OF NEWBURGH PLANNING BOARD TECHNICAL REVIEW COMMENTS

PROJECT:

**PEAK SUMMIT SUBDIVISION** 

PROJECT NO.:

16-13

**PROJECT LOCATION:** 

SECTION 17, BLOCK 1, LOT 40.2

**REVIEW DATE:** 

**11 NOVEMBER 2016** 

**MEETING DATE:** 

**17 NOVEMBER 2016** 

PROJECT REPRESENTATIVE: ZEN DESIGN

- 1. Status of the road name with the Town of Newburgh Town Board should be addressed.
- 2. County Planning circulation was sent on 6 September 2016. Status of Orange County review should be addressed.
- 3. The Applicants representative have revised the common driveway and location of the houses on the site to reduce the amount of disturbance on the site. Previously the amount of disturbance was approaching the 1 acre threshold for the need for a Stormwater SPDES permit. Re-location of the houses have reduced the potential impacts to below the permit threshold.
- 4. Any approvals should be conditioned on receipt of an Orange County Department of Public Works highway access permit.
- 5. Common driveway access and maintenance agreement approval from Mike Donnelly's office is required.

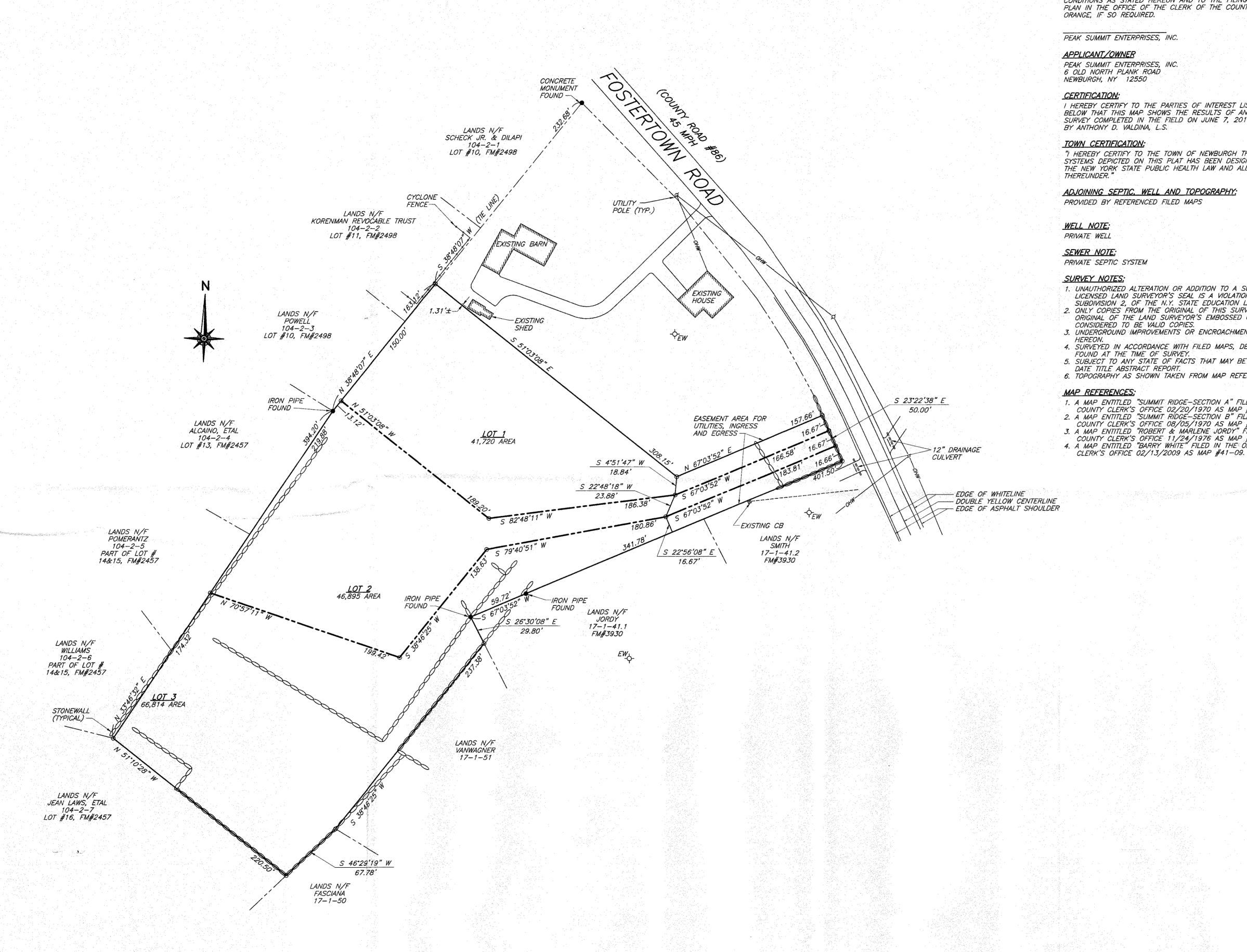
Respectfully submitted,

McGoey, Hauser and Edsall Consulting Engineers, D.P.C.

Patrick J. Hines Principal

PJH/kbw

• Regional Office • 111 Wheatfield Drive • Suite 1 • Milford, Pennsylvania 18337 • 570-296-2765 •



#### OWNER'S CONSENT NOTE:

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS PLAN, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS PLAN IN THE OFFICE OF THE CLERK OF THE COUNTY OF ORANGE, IF SO REQUIRED.

PEAK SUMMIT ENTERPRISES, INC.

PEAK SUMMIT ENTERPRISES, INC. 6 OLD NORTH PLANK ROAD NEWBURGH, NY 12550

I HEREBY CERTIFY TO THE PARTIES OF INTEREST LISTED BELOW THAT THIS MAP SHOWS THE RESULTS OF AN ACTUAL SURVEY COMPLETED IN THE FIELD ON JUNE 7, 2016 BY ANTHONY D. VALDINA, L.S.

#### TOWN CERTIFICATION:

"I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THE SEWAGE DISPOSAL SYSTEMS DEPICTED ON THIS PLAT HAS BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE PUBLIC HEALTH LAW AND ALL REGULATIONS PROMULGATED

#### ADJOINING SEPTIC. WELL AND TOPOGRAPHY:

PRIVATE SEPTIC SYSTEM

#### SURVEY NOTES:

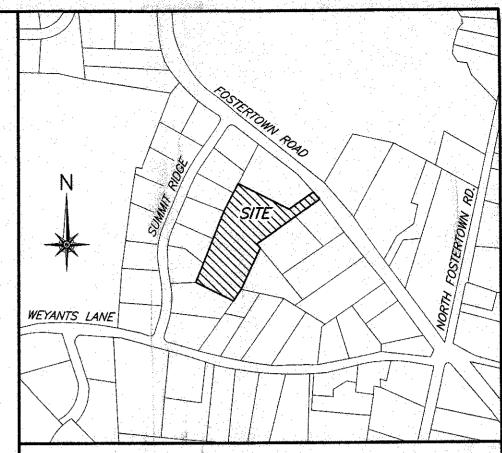
- 1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE N.Y. STATE EDUCATION LAW.

  2. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED OR INK SEAL SHALL BE
- CONSIDERED TO BE VALID COPIES. 3. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN
- 4. SURVEYED IN ACCORDANCE WITH FILED MAPS, DEEDS, AND PHYSICAL MONUMENTATION FOUND AT THE TIME OF SURVEY.
- 5. SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN UP TO
- DATE TITLE ABSTRACT REPORT. 6. TOPOGRAPHY AS SHOWN TAKEN FROM MAP REFERENCE #4.

#### MAP REFERENCES:

- 1. A MAP ENTITLED "SUMMIT RIDGE-SECTION A" FILED IN THE ORANGE COUNTY CLERK'S OFFICE 02/20/1970 AS MAP #2498.
  2. A MAP ENTITLED "SUMMIT RIDGE-SECTION B" FILED IN THE ORANGE
- COUNTY CLERK'S OFFICE 08/05/1970 AS MAP #2547.

  3. A MAP ENTITLED "ROBERT & MARLENE JORDY" FILED IN THE ORANGE
- COUNTY CLERK'S OFFICE 11/24/1976 AS MAP #3930.
  4. A MAP ENTITLED "BARRY WHITE" FILED IN THE DRANGE COUNTY



LOCATION MAP

SCALE 1"=1000'



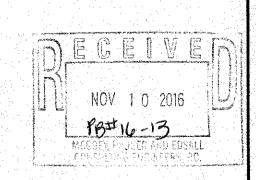
## LEGEND PROPOSED CONTOURS \_\_\_\_ EXISTING CONTOURS ---- PROPOSED PROPERTY LINE EXISTING PROPERTY LINE BUILDING SETBACKS EXISTING WELL PROPOSED HOUSE □ PROPOSED D-BOX

PROPOSED SEPTIC TANK

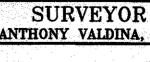
@ PROP. ROOF DRAIN OUTLET

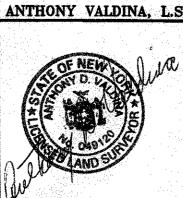
PROP. FOOTING DRAIN OUTLET

		TOWN: NEWBURGH ZONE: R2 TOTAL ACREAGE: 3.58±					
	As Bas a line as	SINGLE	SINGLE FAMILY				
		REQUIRED	LOT #1	LOT #2	LOT #3		
	INIMUM LOT AREA	40,000sf	41,720sf	46,895sf	66,814sf		
5.	INIMUM YARDS FRONT REAR SIDE 1 SIDE BOTH	50' 40' 30' 80'	57' 53' 73' 163'	50' 67' 79' 163'	120' 79' 102' 191'		
MI	INIMUM LOT WIDTH DEPTH	150° 150°	250' 150'	194' 164'	207' 245'		



2. REVISED 11/05/2016 AS PER PLANNING BOARD COMMENTS
1. REVISED 09/18/2016 AS PER PLANNING BOARD COMMENTS





PEAK SUMMIT ENTERPRISES, INC. 3 LOT SUBDIVISION
SURVEY PLAT
FOSTERTOWN ROAD, SBL: 17-1-40.2
TOWN OF NEWBURGH, ORANGE COUNTY, NY

JOB NUMBER 15-035-KAL 07/30/2016

COUNTY HIGHWAY 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."



CONSULTANTS, INC. 6 OLD NORTH PLANK ROAD NEWBURGH, NEW YORK 12550 (845)-629-1567 (phone)

### LEGEND

PROPOSED CONTOURS EXISTING CONTOURS PROPOSED PROPERTY LINE EXISTING PROPERTY LINE BUILDING SETBACKS ----EW -----EW EXISTING WATER SERVICE PROPOSED WATER SERVICE EXISTING WELL PROPOSED HOUSE □ PROPOSED D-BOX PROPOSED SEPTIC TANK

#### EROSION CONTROL STANDARD NOTES

1. EXCAVATION, FILLING, GRADING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MATTER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.

2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE VEGETATION, TOPOGRAPHY AND OTHER NATURAL FEATURES OF THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS FEASIBLE. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS

4. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE

CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL 6. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL

BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.

PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF 8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY

AFFECT THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR

ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL AND SOFT OR EASILY COMPRESSIBLE MATERIAL 10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT

11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH

STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION. 12. PRIOR TO, DURING AND AFTER SITE PREPARATION AND

CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT, HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING

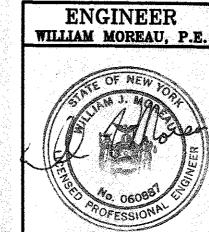
IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY

TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND

16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIVERSIONS AND SEDIMENT, DEBRIS AND RETENTION BASINS.

17. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT AND TO ENSURE THAT THE FREE FLOW OF WATER IS NOT OBSTRUCTED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

2. REVISED 11/05/2016 AS PER PLANNING BOARD COMMENTS
1. REVISED 09/18/2016 AS PER PLANNING BOARD COMMENTS

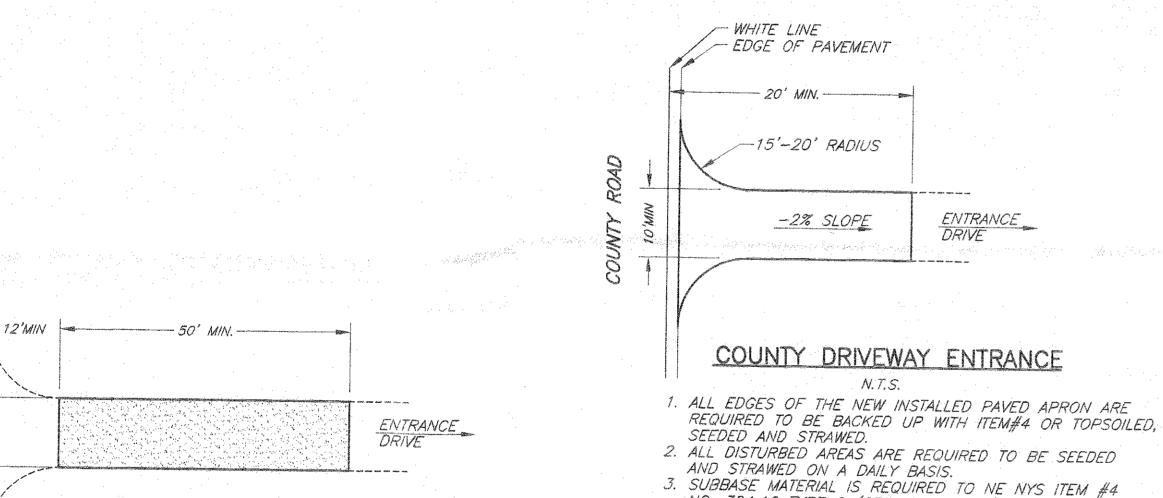


#### PEAK SUMMIT ENTERPRISES, INC. 3 LOT SUBDIVISION LOT LAYOUT FOSTERTOWN ROAD, SBL: 17-1-40.2 TOWN OF NEWBURGH, ORANGE COUNTY, NY

15-035-KAL 2 OF 4

### SEPTIC SYSTEM DESIGN DATA:

	LOT #1-INGROUND	LOT #2-INGROUND	LOT #3-INGROUND
PERCOLATION  DATA +	PT1 24" DEEP 02/01/16 STABILIZED RATE— 03 MIN/INCH PT2 24" DEEP 02/01/16 STABILIZED RATE— 05 MIN/INCH	PT3 24" DEEP 02/01/16 STABILIZED RATE- 18 MIN/INCH PT4 24" DEEP 02/01/16 STABILIZED RATE- 22 MIN/INCH	PT7 24" DEEP 02/01/16 STABILIZED RATE- 04 MIN/INCH PT8 24" DEEP 02/01/16 STABILIZED RATE- 05 MIN/INCH
DEEP PIT DATA	DT1 4'-2" DEEP 02/01/16 0"-6" TOPSOIL 6"-12" SANDY LOAM 12"-50" LOAM W/ SHALE DT2 4'-6" DEEP 02/01/16 0"-3" TOPSOIL 3"-24" SANDY LOAM 24"-54" LOAM W/ SHALE	DT3 4'-0" DEEP 02/01/16 0"-3" TOPSOIL 3"-48" SANDY LOAM  DT4 4'-0" DEEP 02/01/16 0"-10" TOPSOIL 10"-24" GRAVELLY LOAM 24"-48" LIGHT BROWN LOAM	DT7 4'-4" DEEP 02/01/16 0"-3" TOPSOIL 3"-12" SILTY LOAM 12"-48" GRAVELLY LOAM  DT8 4'-4" DEEP 02/01/16 0"-6" TOPSOIL 6"-18" SILTY LOAM 18"-52" GRAVELLY LOAM
DESIGN DATA	1.) NO OF BEDROOMS — 4 (MAX) 2.) DAILY FLOW — 440 G.P.D. 3.) SEPTIC TANK CAPACITY — 1,250 GAL. 4.) STABILIZED PERCOLATION RATE— 5 MIN/INCH 5.) ABSORPTION FIELD LENGTH— REQ'D (4BDRM)— 80 L.F. PROV'D—2 @ 40'= 80 L.F. (ELJEN SEPTIC SYSTEM)	1.) NO OF BEDROOMS — 4(MAX) 2.) DAILY FLOW — 440 G.P.D. 3.) SEPTIC TANK CAPACITY — 1,250 GAL. 4.) STABILIZED PERCOLATION RATE— 22 MIN/INCH 5.) ABSORPTION FIELD LENGTH— REQ'D (4BDRM)— 122 L.F. PROV'D—4 @ 32'= 128 L.F. (ELJEN SEPTIC SYSTEM)	1.) NO OF BEDROOMS — 4(MAX)  2.) DAILY FLOW — 440 G.P.D.  3.) SEPTIC TANK CAPACITY — 1,250 GAL.  4.) STABILIZED PERCOLATION RATE— 5 MIN/INCH  5.) ABSORPTION FIELD LENGTH— REQ'D (4BDRM)— 80 L.F. PROV'D—2 @ 40'= 80 L.F. (ELJEN SEPTIC SYSTEM)



12" THICKNESS OF 1"-1 1/2" CRUSHED STONE -COMPACTED SUB-GRADE

FILTER FABRIC-TREVIRA #1127 OR APPROVED EQUAL

SECTION VIEW

PLAN VIEW

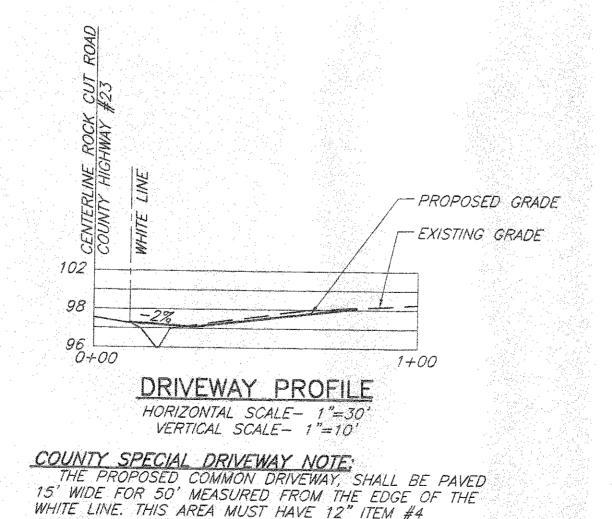
NOTE: ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO THE PUBLIC R.O.W.

- 1. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS, 2. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHENEVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 6" DEPTH OF 1"-1 1/2" CRUSHED STONE, WILL BE AT LEAST 12' x 50' AND SHOULD BE PLACED ON COMPACTED SUB-GRADE AND SHALL BE MAINTAINED.

  3. ALL DRIVEWAYS MUST BE STABILIZED WITH 1"-1 1/2" CRUSHED STONE OR SUB-BASE PRIOR TO
- INDIVIDUAL HOME CONSTRUCTION. 4. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- 5. ALL CATCH BASIN INLETS WILL BE PROTECTED WITH A CRUSHED STONE OR HAYBALE FILTER (FILTER DETAILS APPEAR ON PLAN) 6. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE DISCHARGE POINTS BECOME OPERATIONAL.
- 7. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES MUST BE DETAILED ON THE PLAN. SEE SECTION VII. (SOIL EROSION & SEDIMENT CONTROL), PAGE 14.

### COUNTY STABILIZED CONSTRUCTION ENTRANCE

-2" ASPHALT TOP COURSE 12" ITEM #4 COUNTY DRIVEWAY CROSS SECTION

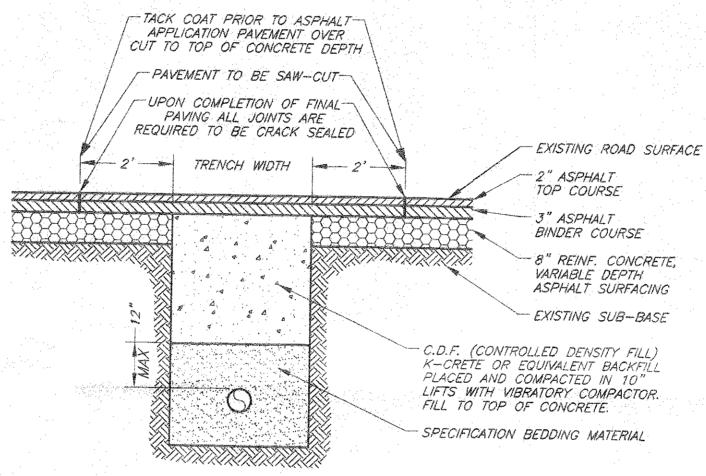


SUBBASE AND 2" ASPHALT TOP COURSE.

NO. 304.12 TYPE 2 (CRUSHED STONE).

### GENERAL OCDPW 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. 2. ANY ITEMS DAMAGED BY REMOVAL OR REINSTALLATION SHALL BE REPLACED AND REINSTALLED BY THE CONTRACTOR WITH A NEW ITEM.
- 3. NO UTILITY WORK (WATER, SEWER, STORM DRAINAGE) IS ALLOWED TO BE PERFORMED BETWEEN NOVEMBER 15 AND MARCH 15 WITHIN THE COUNTY RIGHT OF WAY.
- 4. NO TRACK EQUIPMENT IS ALLOWED ON THE COUNTY ROAD WITHOUT PLACING MATS, PLYWOOD, TIRES, ETC. TO PROTECT THE ASPHALT ROAD.
- 5. NO OPEN TRENCHES ARE ALLOWED TO REMAIN OPEN OVER NIGHT. ALL OPEN TRENCHES ARE REQUIRED TO BE BACKFILLED ON A DAILY BASIS.
- 6. NO ROAD PLATES ARE ALLOWED TO BE USED OVERNIGHT. ROAD PLATES ARE ONLY ALLOWED TO BE USED DURING DAILY OPERATIONS TO MAINTAIN TRAFFIC ON THE ROADWAY AND AT RESIDENTIAL AND/OR COMMERCIAL DRIVEWAYS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER COORDINATION WITH HOMEOWNERS AND BUSINESSES TO ENSURE THAT THEY CAN ENTER AND EXIT THEIR DRIVEWAYS DURING THE COURSE OF DAY TO DAY OPERATIONS.



### OCDPW TRENCH DETAIL

NOTES:

1. ASPHALT REPAIRS ARE REQUIRED TO BE FLUSH WITH EXISTING ASPHALT. 2. CRACK SEAL ALL JOINTS UPON COMPLETED PAVING.

SEPTIC SYSTEM GENERAL NOTES:

- 1. ALL PORTIONS OF THE SEPTIC FIELD WILL BE A MINIMUM DISTANCE OF 200 FEET UP SLOPE AND 100 FEET DOWN SLOPE FROM ANY WELL. 2. SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM ANY BUILDING OR PROPERTY LINE.
- 3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF ABSORPTION FIELD.
- 4. NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL NOT BE CONSTRUCTED OVER ANY PORTION OF THE ABSORPTION FIELD.

CONSULTANTS, INC 6 OLD N. PLANK RD. #103 NEWBURGH, NEW YORK 12550 (845)-629-1567 (office phone)

- 5. NO TRENCHES TO BE INSTALLED IN WET SOIL 6. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
- 7. GROUT ALL PIPE PENETRATIONS TO CONC. SEPTIC TANK & DISTRIBUTION BOX. 3. DISTRIBUTION LINE ARE TO BE CAPPED.
- 9. THE PERIMETER OF THE ABSORPTION FIELD SHOULD BE GRADED TO DIVERT SURFACE WATER.
- 10. ALL NEWLY DISTURBED AREAS SHALL BE IMMEDIATELY STABILIZED UPON
- CONSTRUCTION COMPLETION USING GRASS SEED & MULCH. 11. NO SEWAGE SYSTEM SHALL BE PLACED WITH IN 100' OF ANY WATER COURSE OR 50' OF DRAINAGE DITCH. THIS DISTANCE IS TO BE MEASURED FROM THE TOE OF ANY
- 12. ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO SEWAGE SYSTEM.
- 13. BENDS SHALL BE USED WHEN ENTRANCE OR EXIT FROM SEPTIC TANK IS NOT APPROXIMATELY STRAIGHT. IF BENDS ARE USED AT POINTS OTHER THAN ENTRANCE OR EXIT POINTS, THEN A CLEANOUT IS REQUIRED.
- 14. THE DESIGN AND LOCATION OF THE SANITARY FACILITIES SHALL NOT BE CHANGED WITHOUT RESUBMISSION TO THE TOWN OF NEWBURGH FOR
- REVIEW AND APPROVAL,
  15. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO 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 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. 16. THE SEWAGE DISPOSAL SYSTEMS WERE NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS OR JACUZZI TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOMMODATE THEM.
- 17. 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.
- 18 THE PURCHASER OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES. THE PURCHASER SHALL ALSO BE ADVISED OF ANY ROUTINE OR SPECIAL MAINTENENCE PROCEDURES THAT MAY BE NECESSARY (REFER TO PAGES 58-61 OF THE NYSDOH DESIGN HANDBOOK FOR RECOMMENDED
- ROUTINE OPERATION AND MAINTENENCE ITEMS). 19. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPT.) SHALL INSPECT THE SANITARY FACILITIES (WATER, ANY TREATMENT AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY OF THE DWELLING, THE ENGINEER SHALL CERTIFY TO THE TOWN OF NEWBURGH THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS.

### STANDARD NOTES:

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

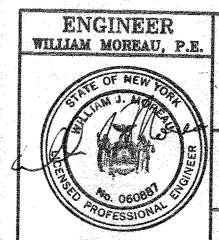
"APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE. "WASTE TREATMENT HANDBOOK, INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE DEPARTMENT OF HEALTH." "RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH." "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT, NEW

YORK STATE DEPARTMENT OF HEALTH." "THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.

ALL WELLS AND S.D.S. EXISTING OR APPROVED WITHIN 200' OF THE PROPOSED WELLS AND S.D.S. ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE S.D.S. AND WELL. IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE CERTIFYING ENGINEER THAT THE SEPTIC TANK IS SEALED, WATER TIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AS A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR

INSTALLATION AND PLACEMENT. TRENCH BOTTOMS TO BE SET LEVEL AND PARALLEL TO EXISTING CONTOURS.

2. REVISED 11/05/2016 AS PER PLANNING BOARD COMMENTS 1. REVISED 09/18/2016 AS PER PLANNING BOARD COMMENTS



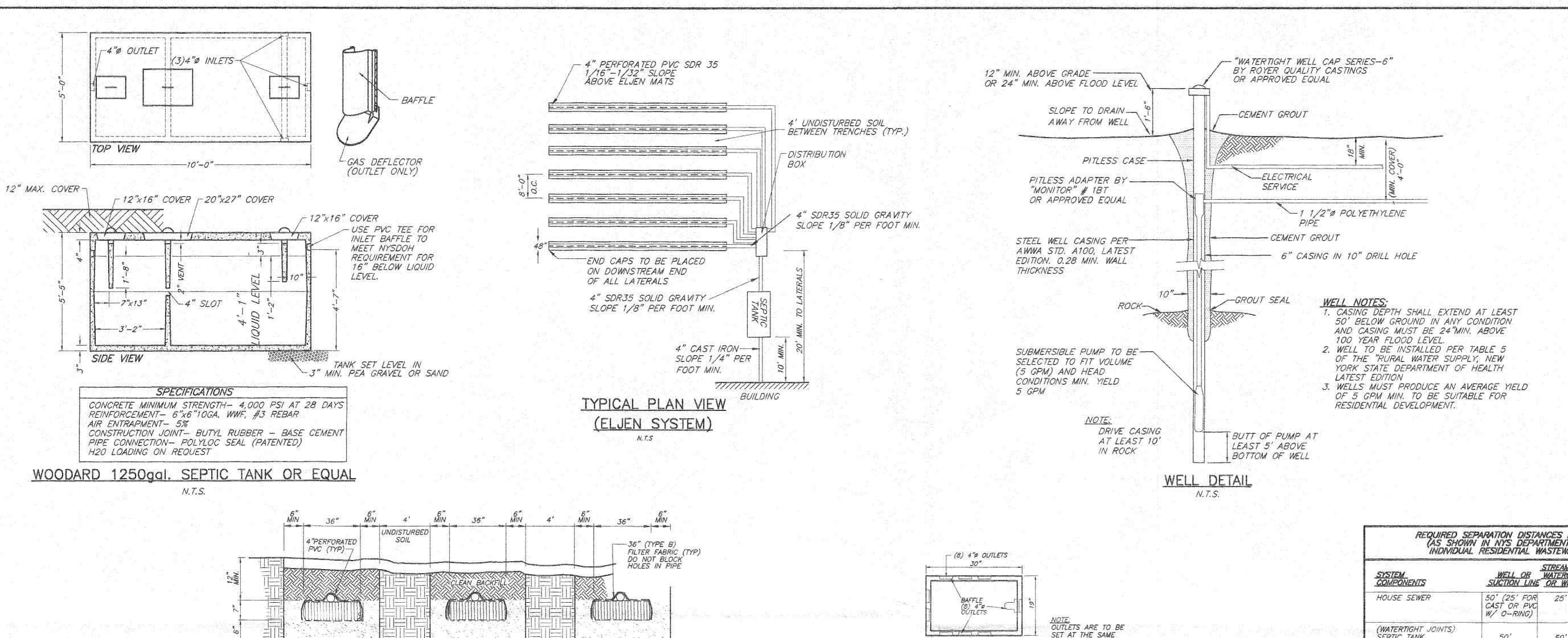
PEAK SUMMIT ENTERPRISES. INC. 3 LOT SUBDIVISION MISC. DETAILS FOSTERTOWN ROAD, SBL: 17-1-40.2 TOWN OF NEWBURGH, ORANGE COUNTY, NY

07/30/2016 N.T.S.

15-035-KAL

COUNTY HIGHWAY NOTE:

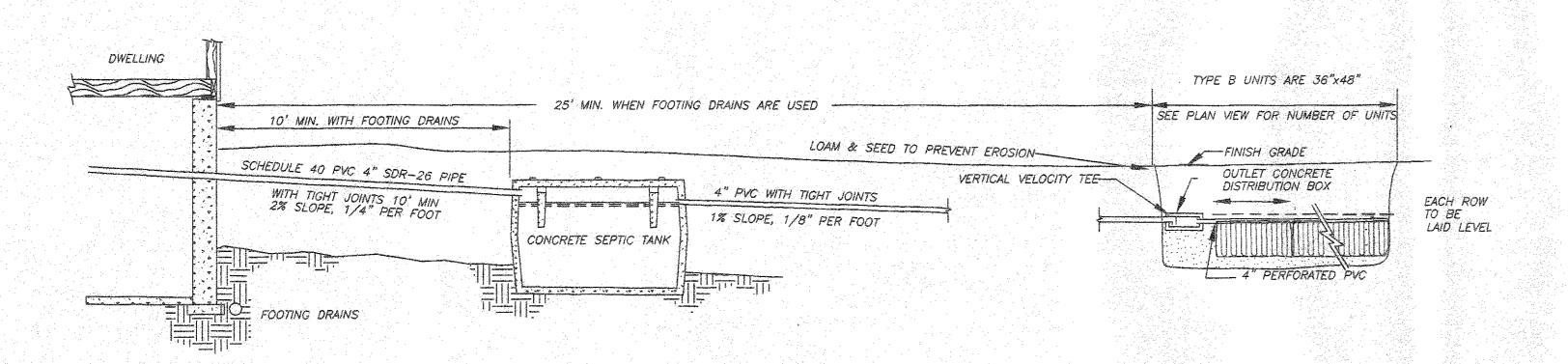
"NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW."



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	100	—	OR SANE	<b>5</b> -		
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		DISTRIB	LITION	BUX D	FTAIIS	
						-
4.			WOODAKL	IS DB-9	<u> </u>	
			SPECIFIC	CATTONS		
	14 July 12 1					
grania de la composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición del composición dela	5.00	CONCRETE MIN. STR				
1945				A. WIRE ME	SH	
	1,211,71		5%			
		PIPE CONNECTION:	POLYLOK	SEAL (PATE	ENTED)	10.00
		LOAD RATING: 300	PSF			
		Santa Salaga Santa S				4 - 5 - 1

REQUIRED SEPARATION DISTANCES FROM WASTEWATER SYSTEM COMPONENTS (AS SHOWN IN NYS DEPARTMENT OF HEALTH DESIGN HANDBOOK FOR INDIVIDUAL RESIDENTIAL WASTEWATER TREATMENT SYSTEMS, ed. 1996)					
SYSTEM_ COMPONENTS	WELL OF SUCTION LINE	STREAM. LAKE. WATERCOURSE OR WETLAND	DWELLING	PROPERTY LINE	DRAINAGE DITCH
HOUSE SEWER	50' (25' FOR CAST OR PVC W/ O-RING)		<b>3'</b>	10'	
(WATERTIGHT JOINTS) SEPTIC TANK	50'	50'	10'	10'	10'
EFFLUENT LINE TO DISTRIBUTION BOX	50'	50'	10'	10"	10'
DISTRIBUTION BOX	100'	100'	20'	10'	20'
ABSORPTION FIELD	100'	100'	20'	10'	50'
SEEPAGE PIT	150'	100'	20'	10'	50'
DRY WELL (ROOF AND FOOTING)	50'	25"	20'	10'	10'
RAISED OR MOUND SYSTEM	100'	100'	20'	10'	50'
INTERMITTENT SAND FILTER	100'	100'	20'	10'	50'
EVAPOTRANSPIRATION— ABSORPTION SYSTEM	100'	50'	20'	10'	50'
COMPOSTER	50'	50'	20'	10'	10'
SANITARY PRIVY PIT	100'	50'	20'	10'	20'
PRIVY, WATERTIGHT VAULT	50'	50'	20'	10'	10'



TYPICAL SECTION OF ELJEN IN-DRAIN SYSTEM

SPEC. % PASSING (WET SIEVE)

100.0-100.0

95.0-100.0

80.0-100.0

50.0-85.0

25.0-60.0

5.0-30.0

< 10.0

< 5.0

INSTALLER SHALL INSTALL A 6" LAYER OF WASHED MEDIUM TO COURSE CONCRETE SAND OR EQUIV. SEE ELJEN IN-DRAIN DESIGN

SIEVE SIZE

0.375.

#8

#16

#30

#50

#100

#200

AND INSTALLATION MANUAL FOR DETAILS

ASTM C33 SAND SPECIFICATION

SIEVE SQ. OPNG. SIZE

9.5 mm

4.75 mm

2.36 mm

1.18 mm

600 um

300 um

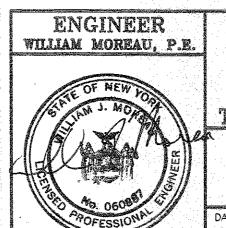
150 mm

75 um

TRENCH CROSS SECTION FOR ELJEN SYSTEM

N.T.S.

2. REVISED 11/05/2016 AS PER PLANNING BOARD COMMENTS 1. REVISED 09/18/2016 AS PER PLANNING BOARD COMMENTS



PEAK SUMMIT ENTERPRISES, INC.

3 LOT SUBDIVISION
SEPTIC DETAILS
FOSTERTOWN ROAD, SBL: 17-1-40.2
TOWN OF NEWBURGH, ORANGE COUNTY, NY

6 OLD N. PLANK RD. \*103

NEWBURGH, NEW YORK 12550 (845)-629-1567 (office phone)

 DATE
 SCALE
 JOB NUMBER
 SHEET NUMBER

 07/30/2016
 N.T.S.
 15-035-KAL
 4 OF 4

"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."

COUNTY HIGHWAY NOTE: