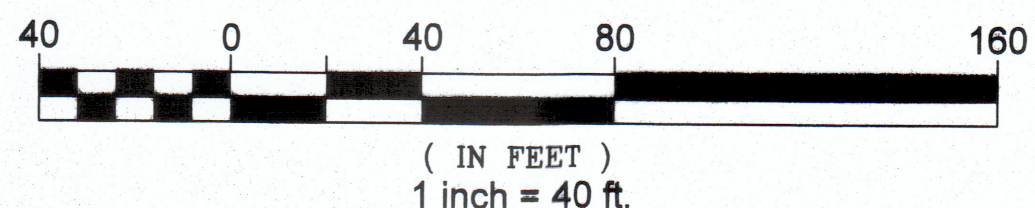


**LIST OF ABBREVIATIONS**

AC	ACRE	LVC	LENGTH OF VERTICAL CURVE
"ADS"	ADVANCED DRAINAGE SYSTEMS	MH	MANHOLE
BIT.	BITUMINOUS	P.A.G.	POINT OF APPLICATION OF GRADE
BVC	BEGIN VERTICAL CURVE	P.C.P.T	POINT OF CURVATURE/TANGENT
CATV	CABLE TV	PVC	POLYVINYL CHLORIDE
C.B.	CATCH BASIN	P.V.M.T	PAVEMENT
CL	CENTER LINE	RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE	RET	RETAINING WALL
C.O.	CLEANOUT TO GRADE	S.F.	SQUARE FEET
CONC.	CONCRETE	ST.	STORM SEWER
CORR.	CORRUGATED	STA.	STATION
DIA.	DIAMETER	S	SANITARY SEWER
DIP	DUCTILE IRON PIPE	SW	4" SOLID WHITE LINE
D.S.	DOWNSPOUT	SYL	4" SOLID YELLOW LINE
EL.	ELEVATION	T/E/CATV	TELEPHONE / ELECTRIC / CABLE
EVC	END VERTICAL CURVE	T.F.	TOP OF FRAME
EX.	EXISTING	VCP	VITRIFIED CLAY PIPE
F.B.F.	FINISHED BASEMENT FLOOR	W	WATER
F.F.	FINISHED FLOOR	W.V.	WATER VALVE
F.M.	FORCE MAIN	(N)	NORTH
FT.	FEET (')	(S)	SOUTH
FL.	FLOW LINE	(E)	EAST
G	GAS	(W)	WEST
HDPE	HIGH DENSITY POLYETHYLENE		
HYD.	HYDRANT		
IN.	INCHES (")		
INV.	INVERT		



**SITE DEVELOPMENT NOTES**

- FOR LOCATIONS OF ALL UNDERGROUND UTILITIES INQUIRE AT THE APPROPRIATE UTILITY AND CALL BEFORE YOU DIG, AT 1-800-922-4455.
- ALL PROPOSED EXTERIOR LIGHT FIXTURES SHALL BE SHIELDED TO CREATE DOWN LIGHTING ONLY.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDING THE TEMPORARY CONSTRUCTION ENTRANCE AS SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO DISTURBANCE OF THE NATURAL GROUND CONDITIONS.
- DRIVEWAYS SHALL HAVE A MINIMUM CURB RADIUS OF 5 FEET AT THE ROAD AND A MAXIMUM GRADE OF 12 PERCENT.
- ALL DRIVEWAY GRADES THAT EQUAL OR EXCEED 10 PERCENT SHALL BE PAVED WITH COMPACTED BITUMINOUS ASPHALT UNDERLAIN BY COMPACTED GRAVEL/PROCESSED STONE OR COMBINATION THEREOF. ALL DRIVEWAY APRONS SHALL BE PAVED FROM THE GUTTER LINE TO THE STREET LINE.
- THERE ARE WETLANDS LOCATED WITHIN 100 FEET OF THE PROPOSED DRIVEWAY CONSTRUCTION ACTIVITIES.
- THIS PROPERTY IS NOT IN A REGULATED FLOODPLAIN.
- THE WETLAND BOUNDARY SHOWN ON THIS PLAN WAS FLAGGED BY BILL JACKSON OF JACKSON ENVIRONMENTAL ON AUGUST 2-7, 2018 AND OCTOBER 8, 2018 AND FIELD SURVEYED BY PICARD LAND SURVEYING, LLC.
- NO FUEL TANKS SHALL BE BURIED WITHIN 75 FEET OF ANY WATER SUPPLY WELL.
- ALL ROOFWATER SHALL BE PIPED AWAY FROM THE LEACHING SYSTEM.
- THE SCS SOIL CLASSIFICATIONS ON THIS SITE ARE:
  - 3 - RIDGEBURY, LEICESTER & WHITMAN EXTREMELY STONY SOILS, 0-8% SLOPES, HYDR. GROUP "D".
  - 73C - CHARLTON-CHATFIELD COMPLEX, VERY ROCKY, 0-15% SLOPES, HYDR. GROUP "B".
  - 84B - PAXTON & MONTAUK FINE SANDY LOAM, 3-8% SLOPES, HYDR. GROUP "C".
  - 85C - PAXTON & MONTAUK FINE SANDY LOAMS, VERY STONY, 8 - 15% SLOPES, HYDR. GROUP "C".
- CONTOUR ELEVATIONS ARE DEVELOPED FROM LIDAR.
- ALL SWALES SHOWN ON THIS PROJECT ARE "V" SHAPED RIP-RAP OR GRASS LINED SWALES.
- ALL RIP-RAP USED IN THIS PROJECT FOR SLOPE PROTECTION, SWALES, DETENTION BASINS, STILLING BASIN, SCOUR PADS AND ANY MISCELLANEOUS USES SHALL BE UNDERLAIN WITH A HEAVY DUTY, NON-WOVEN GEOTEXTILE FABRIC.
- THE SITE LAYOUT FOR THIS SUBDIVISION PROVIDES EXCELLENT SOLAR ACCESS FOR FUTURE LOT DEVELOPERS DUE TO THE LARGE LOT AREAS AND THE PRESENCE OF SOUTHERLY SLOPES ON THE LOTS THAT ARE DOWNHILL OF THE POTENTIAL HOUSE SITES.
- SUBSURFACE SEWAGE DISPOSAL SYSTEMS FOR ALL LOTS IN THIS SUBDIVISION SHALL BE PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.

**STORMWATER DRAINAGE SYSTEM DATA**

- BASIN #1**
- CB-1 (TYPE "C", DOUBLE TYPE II INLET)
  - TF = 424.77'
  - INV = 422.8' IN (5 LF STUB, 12" HDPE)
  - INV = 421.2' OUT (15" HDPE)
  - X-PIPE = 18LF, 15" HDPE, S = 1.11%
- BASIN #2 (TYPE "C" DOUBLE TYPE II INLET)**
- TF = 424.77'
  - INV = 421.0' IN (15" HDPE)
  - INV = 418.0' OUT TO DIP SEPARATOR (15" CORRUGATED HDPE)
  - 6 LF, 15" CORRUGATED HDPE, S = 10.0%
- OIL / PARTICLE SEPARATOR - BASIN #1**
- TF = 420.0' +
  - INV = 418.0' IN (15" CORRUGATED HDPE)
  - INV = 418.0' OUT (15" STUB, CORRUGATED HDPE TO DETENTION BASIN)
- DETENTION BASIN #1 - BOTTOM EL = 415.0', TOP OF BERM = 420.5'**
- ENTIRE BASIN TO BE LINED WITH INTERMEDIATE RIP-RAP UNDERLAIN BY HEAVY GEOTEXTILE FABRIC.
- DETENTION BASIN OUTLET STRUCTURE**
- 4" DIA. CONCRETE RISER
  - 8" DIA. INLET PORT, INV. = 415.0'
  - 8" DIA. INLET PORT, INV. = 417.4'
  - 12" DIA. HDPE, OUTLET PIPE, INV. = 415.0'
  - 25 LF TO DISCHARGE POINT, INV. = 414.5', S = 2.00%
  - TOP OF CONCRETE RISER, WEIR EL. = 420.0'
- TWIN 18" RCP CULTVERT**
- SEE PROFILE SHEET FOR DETAILS

"I hereby certify that this plan is in compliance with the Town of Portland Soil Erosion and Sedimentation Control Regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control dated 2002, as amended."

The Planning and Zoning Commission of East Hampton, Connecticut certifies that the Soil Erosion and Sedimentation Control Plan complies with the requirements of the Town of Portland Regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control dated 2002, as amended.

Signature \_\_\_\_\_ (Commission Chairman)  
 P.E. No. 11,699  
 FRANK C. MAGNOTTA, P.E.  
 Date of Approval \_\_\_\_\_

APPROVED BY THE EAST HAMPTON PLANNING AND ZONING COMMISSION

CONDITIONAL APPROVAL \_\_\_\_\_ CHAIRMAN / SECRETARY

DATE: \_\_\_\_\_  
 EXPIRATION DATE: \_\_\_\_\_

FINAL APPROVAL \_\_\_\_\_ CHAIRMAN / SECRETARY

DATE: \_\_\_\_\_  
 EXPIRATION DATE: \_\_\_\_\_

Per Section 8-26c of the Connecticut General Statutes, as amended, approval automatically expires \_\_\_\_\_ if all physical public improvements required by this plan are not completed by that date.

EXISTING	LEGEND	PROPOSED
100'	SPOT ELEVATION	100'
---	CONTOUR ELEVATION	---
---	LIMITS OF DISTURBANCE	---
○	TEST HOLE	○
+	PERCOLATION TEST	+
U	UTILITY POLE	U
○	LIGHT POLE	○
□	CHECK DAM - HAYBALE	□
□	CHECK DAM - SILT FENCE	□
□	CHECK DAM (STONE)	□

VALID ONLY WITH LIVE SEAL AND SIGNATURE



**OWNER / INSPECTOR**  
 STANISLAW J. OLEKSENKO  
 84 CHURCHHILL DRIVE  
 NEWINGTON, CT 06111

REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	PAZ DATA	FCM	1-30-2020
2	IMWA COMMENTS	FCM	2-24-2020

ASSESSOR MAP 6, BK 37, LOT 6A

SUBDIVISION PROPERTY OF  
**STANISLAW J. OLEKSENKO**  
 #11 CONE ROAD  
 EAST HAMPTON, CT.

**SITE DEVELOPMENT & EROSION CONTROL PLAN**

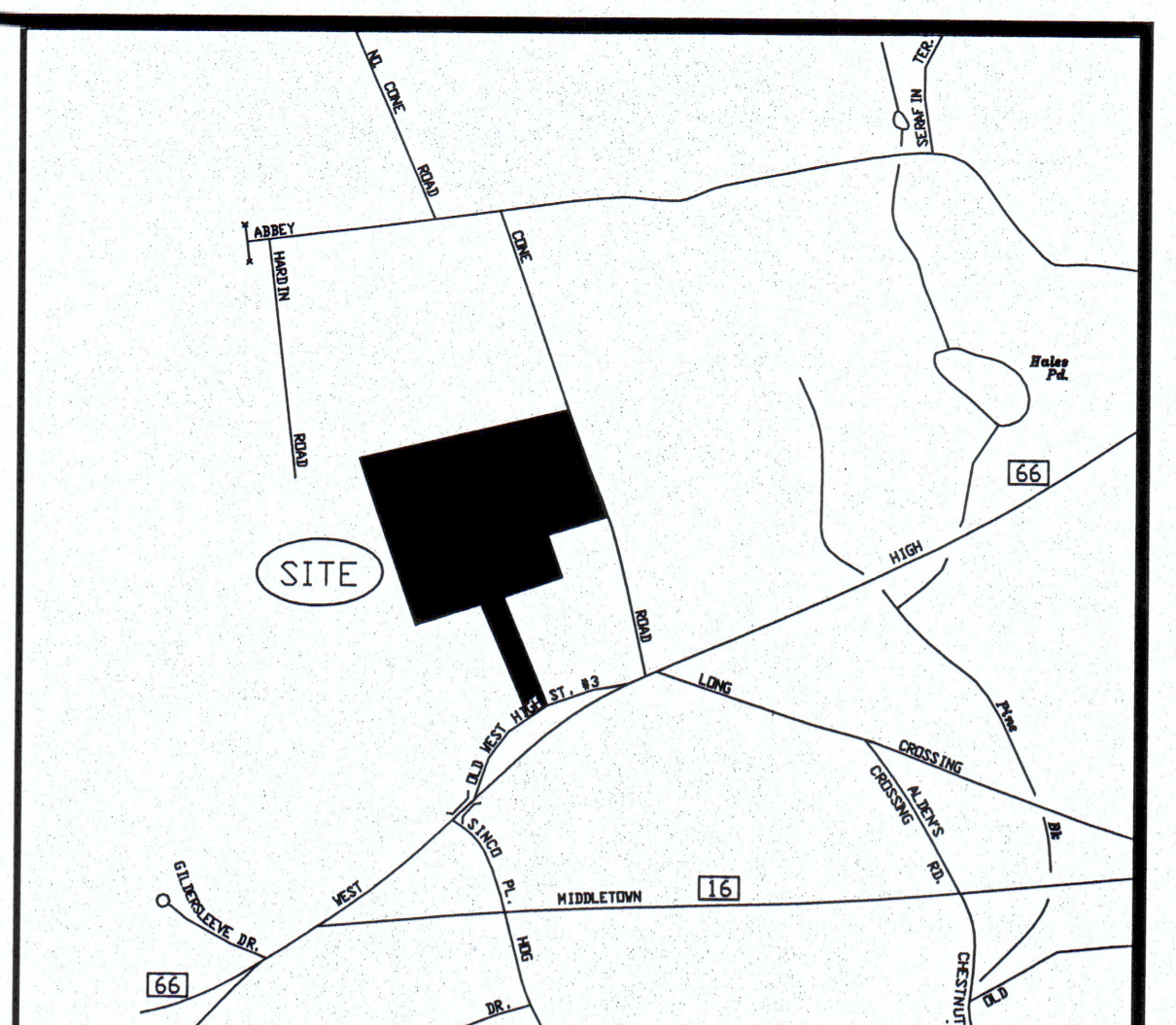
Project No. \_\_\_\_\_  
 Sheet No. 2

DATE: JAN. 27, 2020  
 SCALE: 1" = 40'

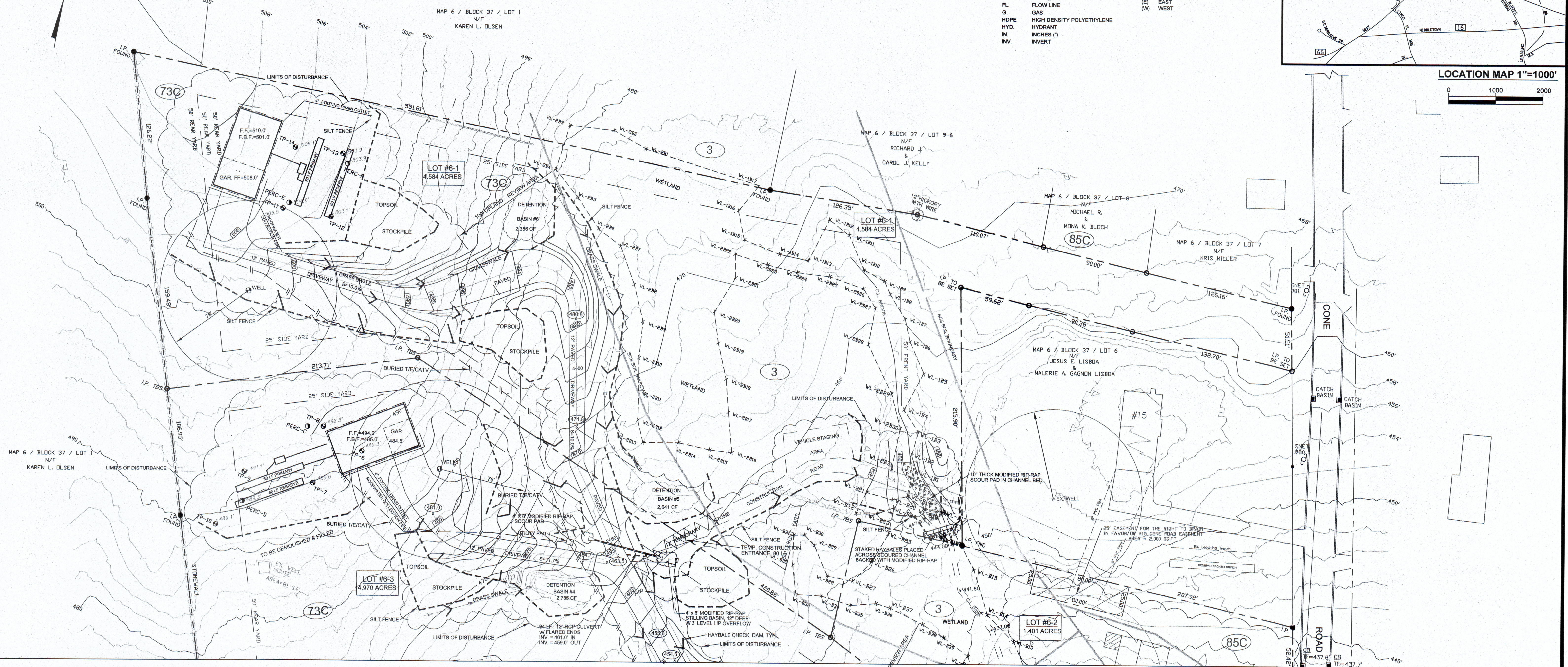
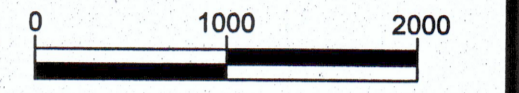
FRANK C. MAGNOTTA, P.E. PC  
 CONSULTING ENGINEER  
 FrankCMagnottaPE@aol.com  
 395 MAIN STREET, PORTLAND, CT 06480  
 TEL. 860-342-2191

**LIST OF ABBREVIATIONS**

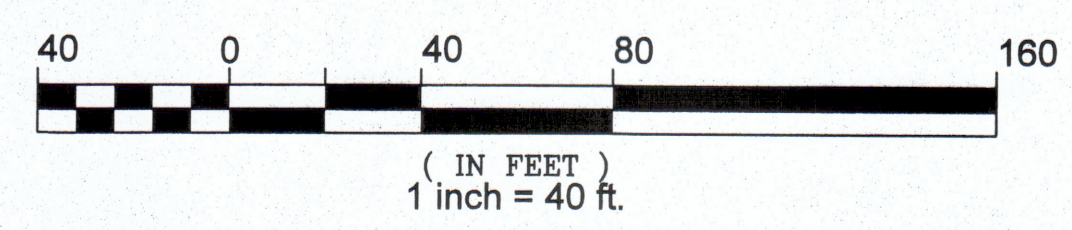
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HDPE	HIGH DENSITY POLYETHYLENE	(W)	WEST
HYD.	HYDRANT		
IN.	INCHES (")		
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**LOCATION MAP 1"=1000'**



MATCH LINE SHEET 2



APPROVED BY THE EAST HAMPTON PLANNING AND ZONING COMMISSION  
 CONDITIONAL APPROVAL \_\_\_\_\_ CHAIRMAN / SECRETARY

DATE: \_\_\_\_\_  
 EXPIRATION DATE: \_\_\_\_\_

FINAL APPROVAL \_\_\_\_\_ CHAIRMAN / SECRETARY

DATE: \_\_\_\_\_  
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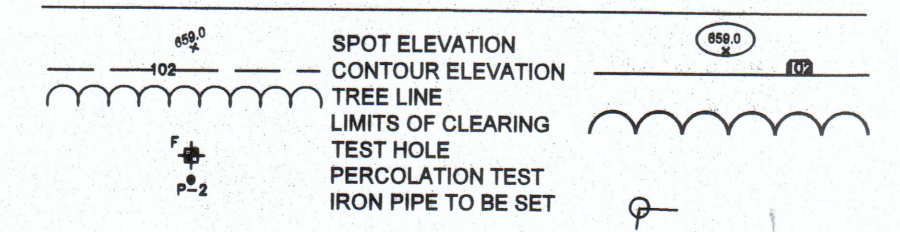
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Signature \_\_\_\_\_  
 (Commission Chairman)

Date of Approval \_\_\_\_\_

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 84 CHURCH HILL DRIVE  
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ASSESSOR MAP 6, BK 37, LOT 6A

SUBDIVISION PROPERTY OF  
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**SITE DEVELOPMENT  
 &  
 EROSION CONTROL PLAN**

Project No. \_\_\_\_\_  
 Sheet No. 3

Date: JAN. 27, 2020  
 Scale: 1" = 40'

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