

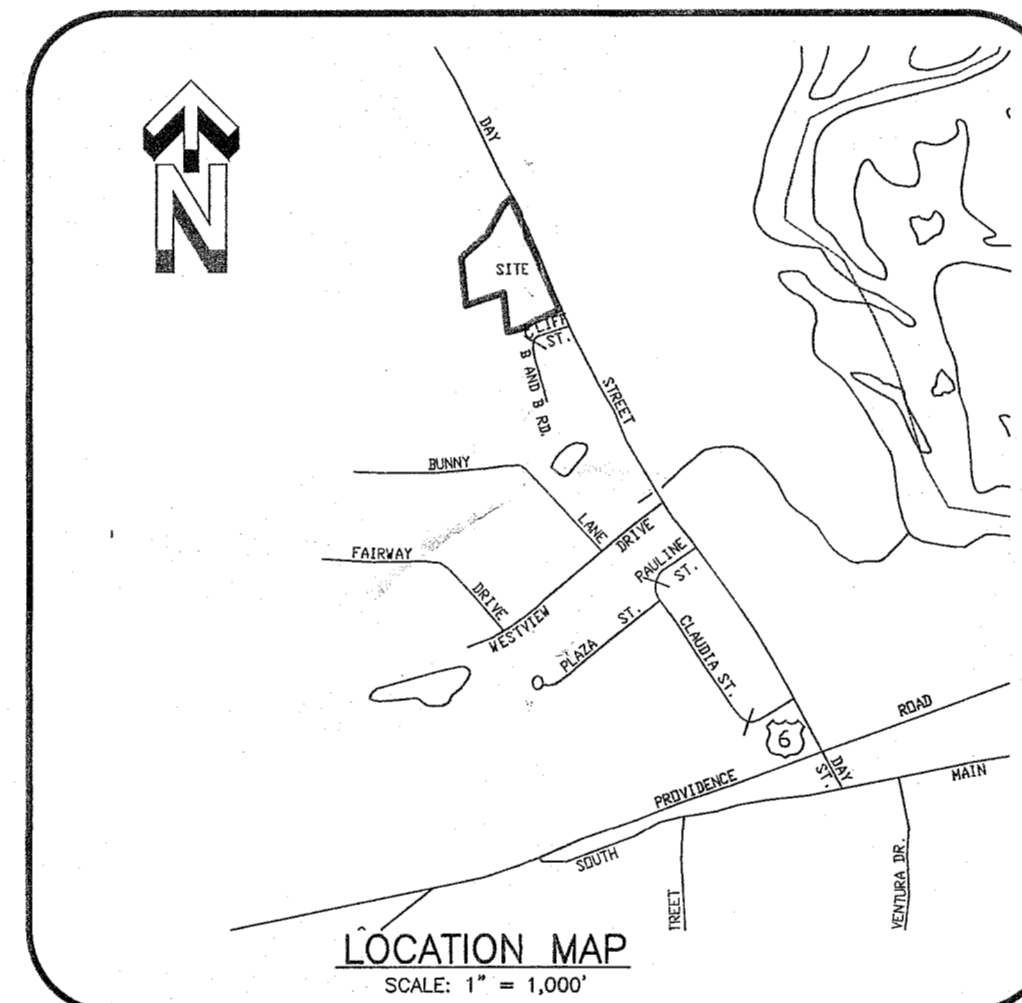
4 LOT SUBDIVISION

PREPARED FOR

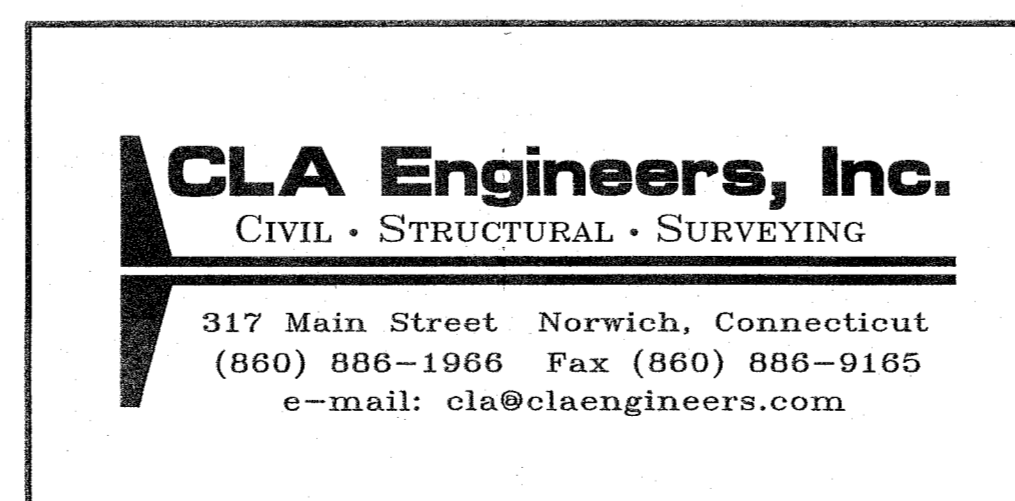
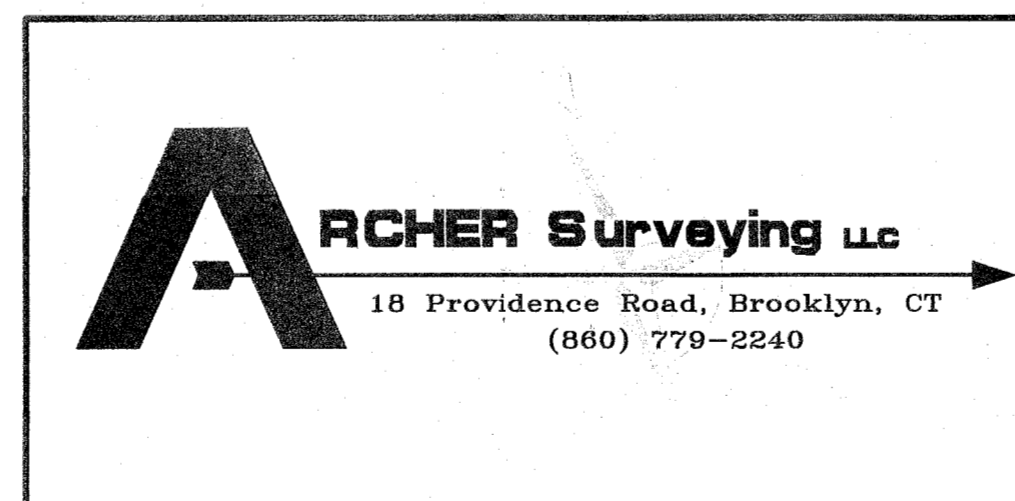
CNG Holdings LLC

Day Street
Brooklyn, Connecticut

April 12, 2021



PREPARED BY



RECEIVED
MAY 19 2021

INDEX OF DRAWINGS

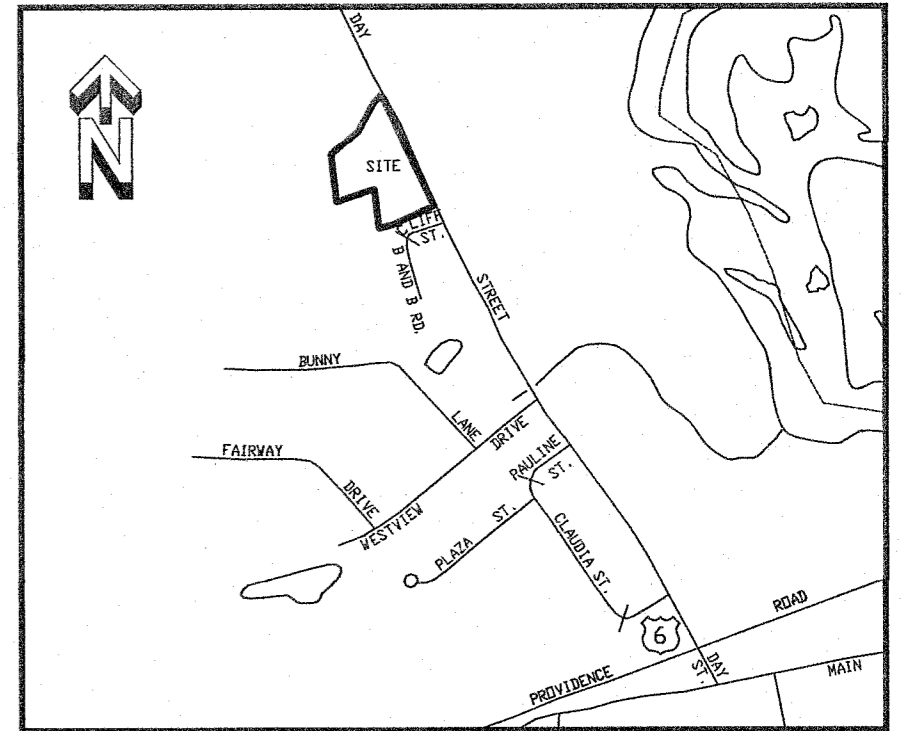
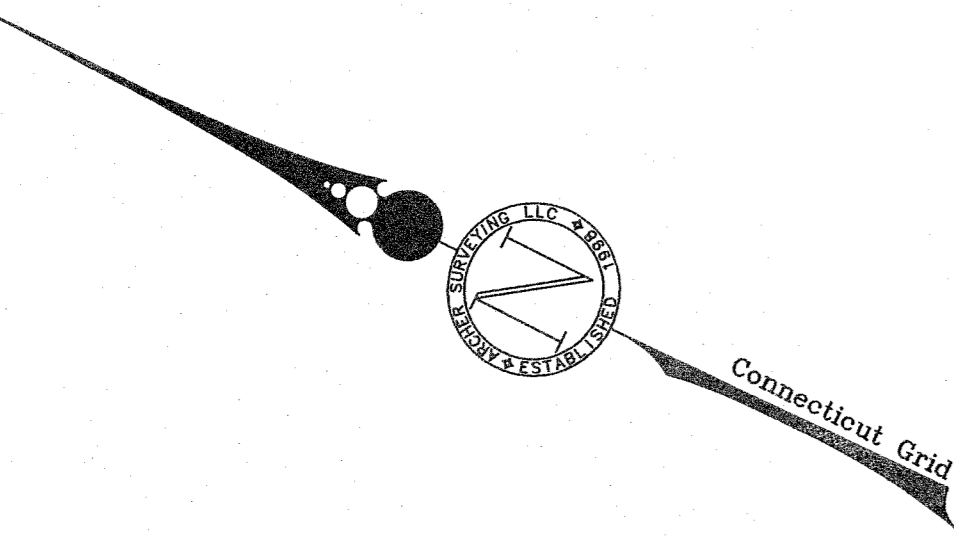
| | |
|--------------------------|--------------|
| COVER SHEET | SHEET 1 OF 7 |
| EXISTING CONDITIONS PLAN | SHEET 2 OF 7 |
| SUBDIVISION PLAN | SHEET 3 OF 7 |
| SITE DEVELOPMENT PLAN | SHEET 4 OF 7 |
| DETAIL SHEET #1 | SHEET 5 OF 7 |
| SITE ANALYSIS PLAN | SHEET 6 OF 7 |
| PARCEL HISTORY PLAN | SHEET 7 OF 7 |

APPROVED BY THE BROOKLYN
INLAND WETLANDS COMMISSION

CHAIRMAN _____ DATE _____
Expiration date per section 22A-42A of the Connecticut
General Statutes. Date: _____

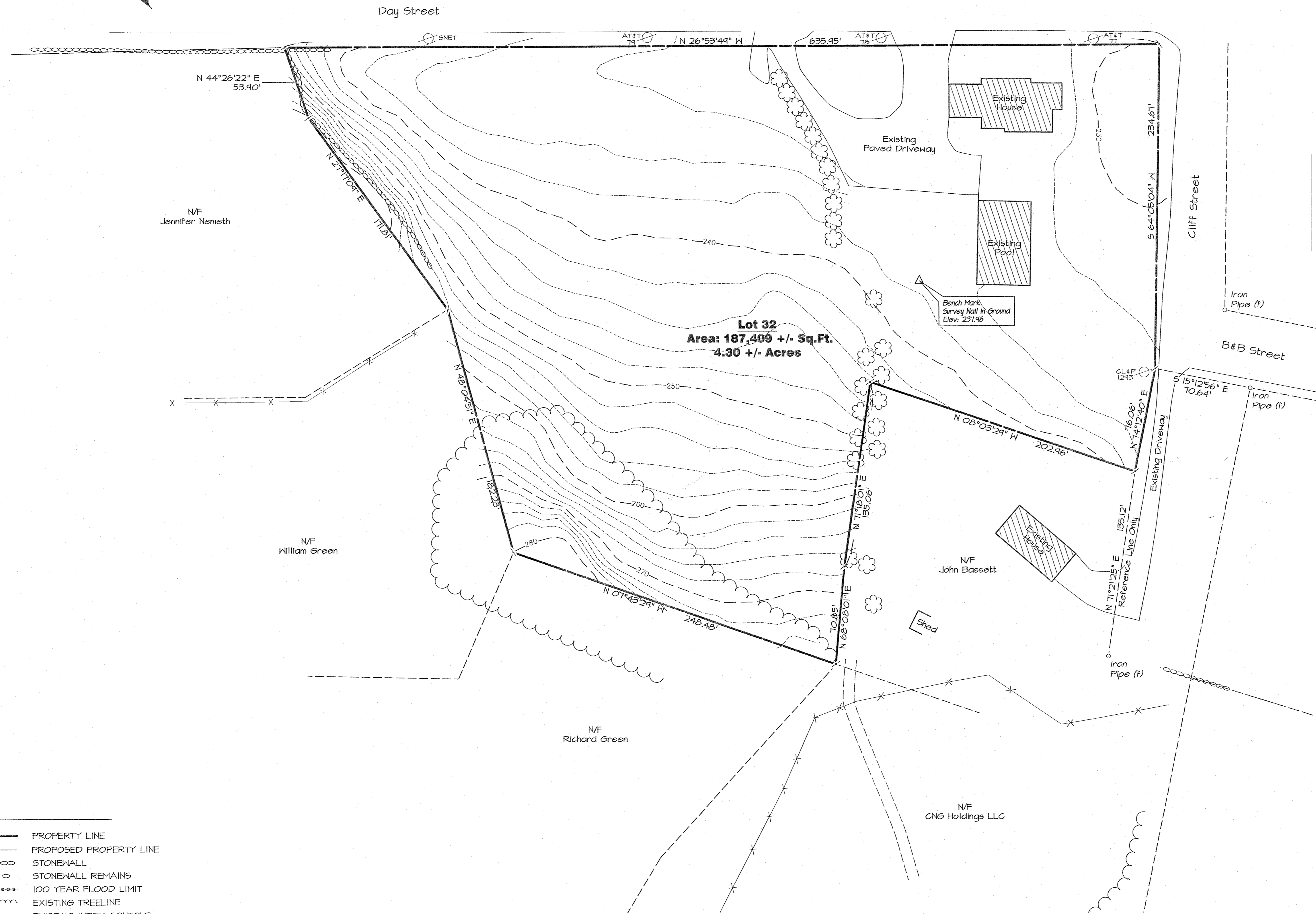
APPROVED BY THE BROOKLYN
PLANNING AND ZONING COMMISSION

CHAIRMAN _____ DATE _____
Expiration date per section 8-26C of the Connecticut
General Statutes. Date: _____



Location Map

SCALE
1" = 1000 FT



Notes

- This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20-300b-20 and the "Standards for Surveys and Maps in State of Connecticut" as adopted by the Connecticut Associations of Land Surveyors, Inc. on September 26, 1996
 - This Survey conforms to a Class "A-2" Horizontal Accuracy Class "T-2" Vertical Accuracy
 - Survey Type: Existing Conditions Survey
 - Boundary Determination: Resurvey
 - Intent: Depict Existing Conditions with Respect to Property Lines
- Parcels shown as 32 on Assessors Tax Map 42 of the Brooklyn Assessors Office
- Property is owned by: CNG Holdings LLC
- Topographic information obtained through field location, Connecticut Grid
- As per the Wetlands Report by Joseph Theroux, Soil Scientist, there are no wetlands located on the property

Map References

- Compilation Plan showing Parcels to Be Conveyed By Patricia Bassett, Justine Blackmer, Clifford B. Green Jr., Frederick Green, Richard Green, Verna Jacobson & Isabel Nichols, Day Street, Cliff Street & B&B Street, Brooklyn, Connecticut, Date: September 2018 - Revised January 2019, Scale: 1"=100', Prepared by PC Survey
- Subdivision Plan Prepared for Clifford B Green & Frances Green, Cliff Street, Brooklyn, Connecticut, Date: June 1986, Scale: 1"=40' Prepared by Kletyuka, Woodis & Pike
- Survey Plan Prepared for Clifford B Green Jr. & Kathleen Green, Clifford B. Green Sr. & Frances V. Green, Ernest Nichols & Isabelle Nichols, Westerly of Day Street, Brooklyn, Connecticut, Date: March 1993, Scale: 1"=50', Prepared by KNP Associates
- Compilation Plan of Land to be Conveyed to Richard & Carleen Green, 23 Frances Lane, Danielson, Connecticut, Date: May 1999, Scale: 1"=200', Prepared by Normandin & Associates
- Compilation Plan Prepared for Clifford B Green & Sons, Day Street, Brooklyn, Connecticut, Date: November 2007, Scale: 1"=200', Prepared by KNP Associates
- Plan of land Surveyed for Clifford B Green and Frances Green in the Town of Brooklyn, Connecticut, Date: 1"=40', Date: October 1954, Prepared by William Pike
- Subdivision of Land of Clifford B Green and Frances Green, Day Street, Brooklyn, Connecticut, Date: April 1977, Scale: 1"=50', Prepared by Kletyuka Woodis and Pike

LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- STONEWALL
- STONEWALL REMAINS
- 100 YEAR FLOOD LIMIT
- EXISTING TREELINE
- EXISTING INDEX CONTOUR
- EXISTING CONTOUR
- BUILDING SETBACK
- IRON PIN FOUND
- DRILL HOLE FOUND
- MONUMENT FOUND
- PROPERTY POINT
- UTILITY POLE

To My Knowledge and Best Information is substantially Correct as noted hereon
 Paul M. Archer LLS #10013
 Date 5-10-2021

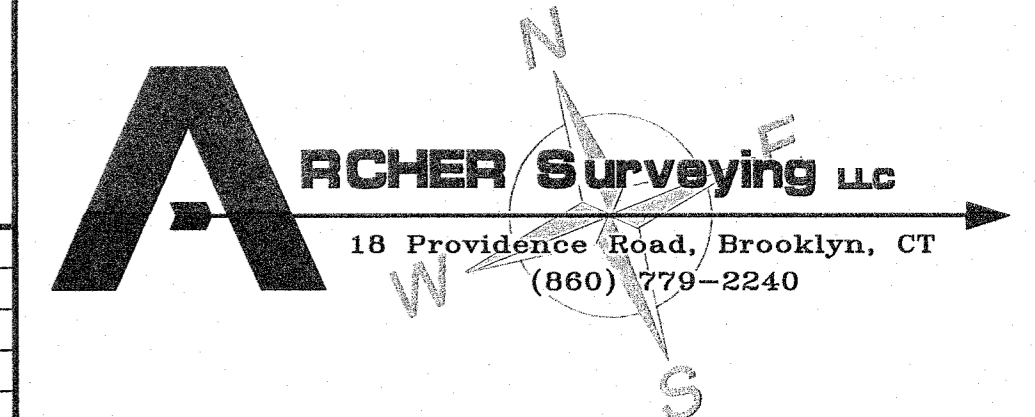
No Certification is expressed or implied unless this map bears the embossed seal of the land surveyor whose signature appears hereon.

| REVISIONS | |
|-----------|-------------------------------|
| Date | Revisions Per NECCOG Comments |
| 5/10/2021 | |
| | |
| | |
| | |

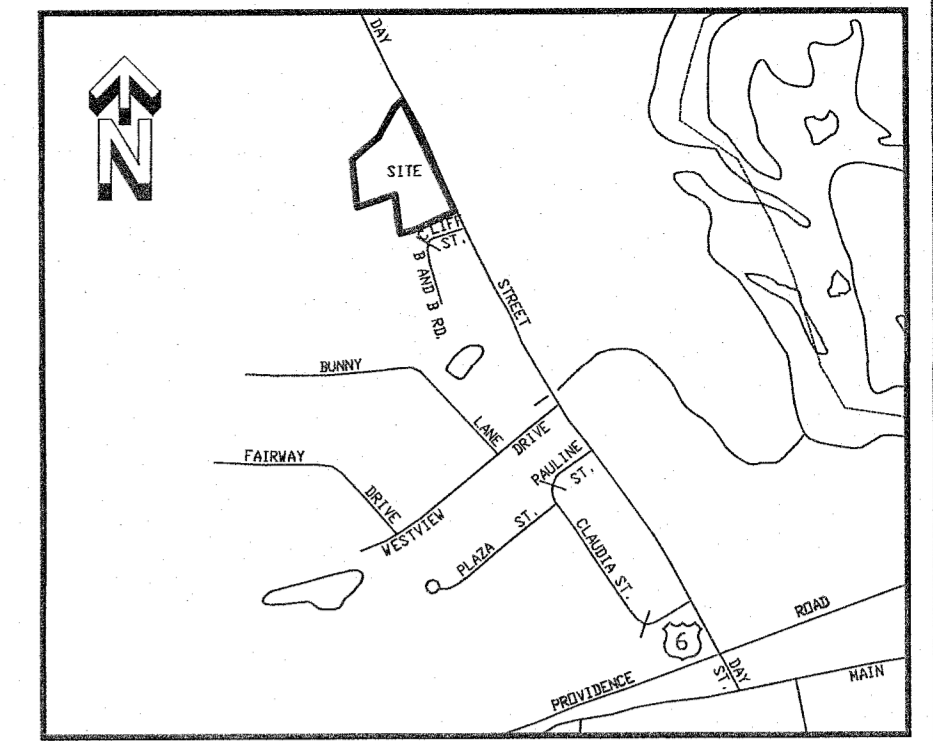
Existing Condition Plan

Prepared For:
 CNG Holdings LLC
 Day Street
 Brooklyn, Connecticut

DRAWING SCALE: 1"=10'



Sheet No. 2 OF 7 Project No. 1892 Date: April 12, 2021



Location Map
SCALE
1000 0 1000
1" = 1000 FT

Notes

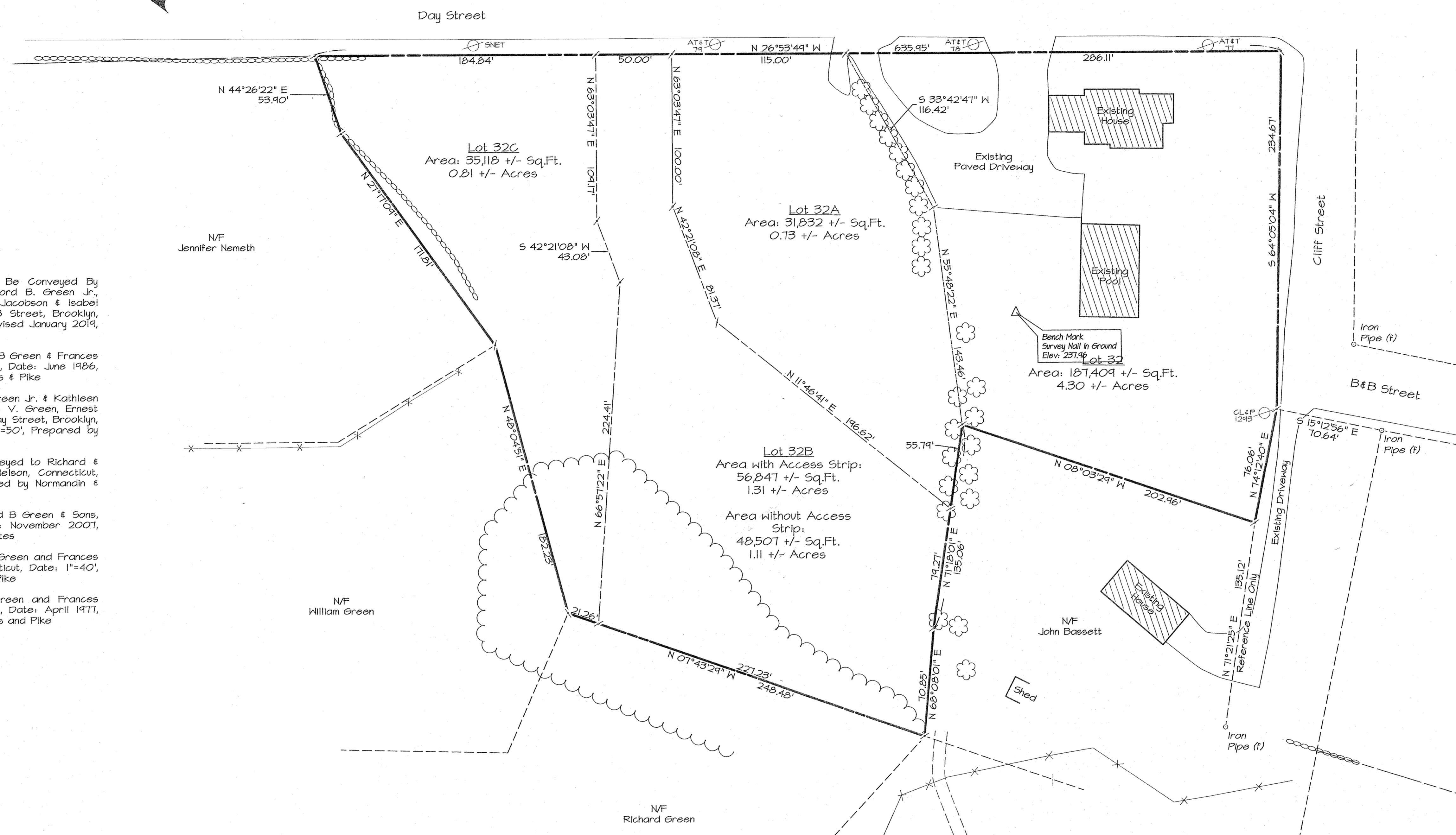
- This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20-300b-20 and the "Standards for Surveys and Maps in State of Connecticut" as adopted by the Connecticut Associations of Land Surveyors, Inc. on September 26, 1996
- This Survey conforms to a Class "A-2" Horizontal Accuracy Class "T-2" Vertical Accuracy
- Survey Type: Subdivision Plan
- Boundary Determination: Resurvey on Existing Boundary Original on Proposed Boundary
- Intent: 4 Lot Subdivision
- Total Lot Area = 4.30 Acres
Total Area of Subdivision = 4.30 Acres
- Zone = R-30
Area = 30.00 Sq.Ft.
Frontage = 110'
Front/Rear Setback = 50'
Side Setback = 30'
- Owner / Applicant = CNG Holdings LLC
84 Covell Road
Plainfield Center, CT 06254
- Parcel is shown as Lot #32 on Assessor's Map #42
- This Subdivision does not include land areas within the Federal Emergency Management Agency's 100 year Flood hazard area
- There are not known endangered species or species of special concern on the subject property nor within 2 miles of the subject property per the December 2006 Natural Diversity Data Base Mapping
- Parcel does not lie within an aquifer protection area
- The Subdivision Regulations of the Town of Brooklyn are a part of this plan. Approval of this plan is contingent on completion of the requirements of said regulations, excepting any variances or modifications are on file in the office of the commission.
- North orientation, bearings and coordinate values shown are based on North American Datum of 1983 (NAD83)
- Passive Solar Energy techniques were considered in the design of the subdivision
- As per the Wetlands Report by Joseph Theroux, Soil Scientist, there are no wetlands located on the property

Map References

- Compilation Plan showing Parcels to Be Conveyed By Patricia Bassett, Justin Blackmer, Clifford B. Green Jr., Frederick Green, Richard Green, Verna Jacobson & Isabel Nichols, Day Street, Cliff Street & B&B Street, Brooklyn, Connecticut, Date: September 2018 - Revised January 2019, Scale: 1"=100', Prepared by PC Survey
- Subdivision Plan Prepared for Clifford B Green & Frances Green, Cliff Street, Brooklyn, Connecticut, Date: June 1986, Scale: 1"=40' Prepared by Kietlyka, Woods & Pike
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- Plan of land Surveyed for Clifford B Green and Frances Green in the Town of Brooklyn, Connecticut, Date: 1"=40', Date: October 1959, Prepared by William Pike
- Subdivision of Land of Clifford B Green and Frances Green, Day Street, Brooklyn, Connecticut, Date: April 1977, Scale: 1"=50', Prepared by Kietlyka Woods and Pike

LEGEND

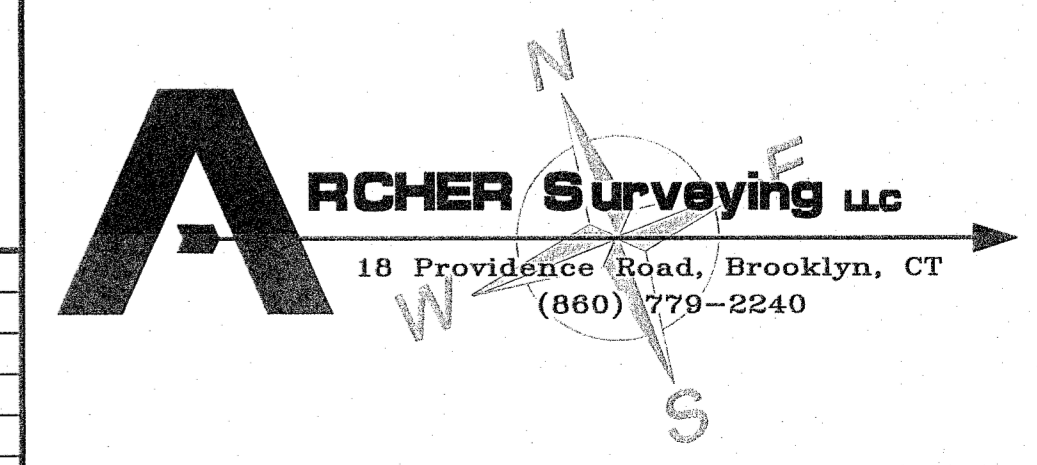
- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- ○ ○ ○ ○ STONEWALL
- ○ ○ ○ ○ STONEWALL REMAINS
- 100 YEAR FLOOD LIMIT
- ~ ~ ~ EXISTING TREELINE
- - - EXISTING INDEX CONTOUR
- - - EXISTING CONTOUR
- BUILDING SETBACK
- IRON PIN FOUND
- DRILL HOLE FOUND
- MONUMENT FOUND
- PROPERTY POINT
- CL&P 1645 UTILITY POLE



| REVISIONS | |
|-----------|-------------------------------|
| 5/10/2021 | Revisions Per NECCOG Comments |
| | |
| | |
| | |

Subdivision Plan
"4 Lot Subdivision"
Prepared For:
CNG Holdings LLC
Day Street
Brooklyn, Connecticut

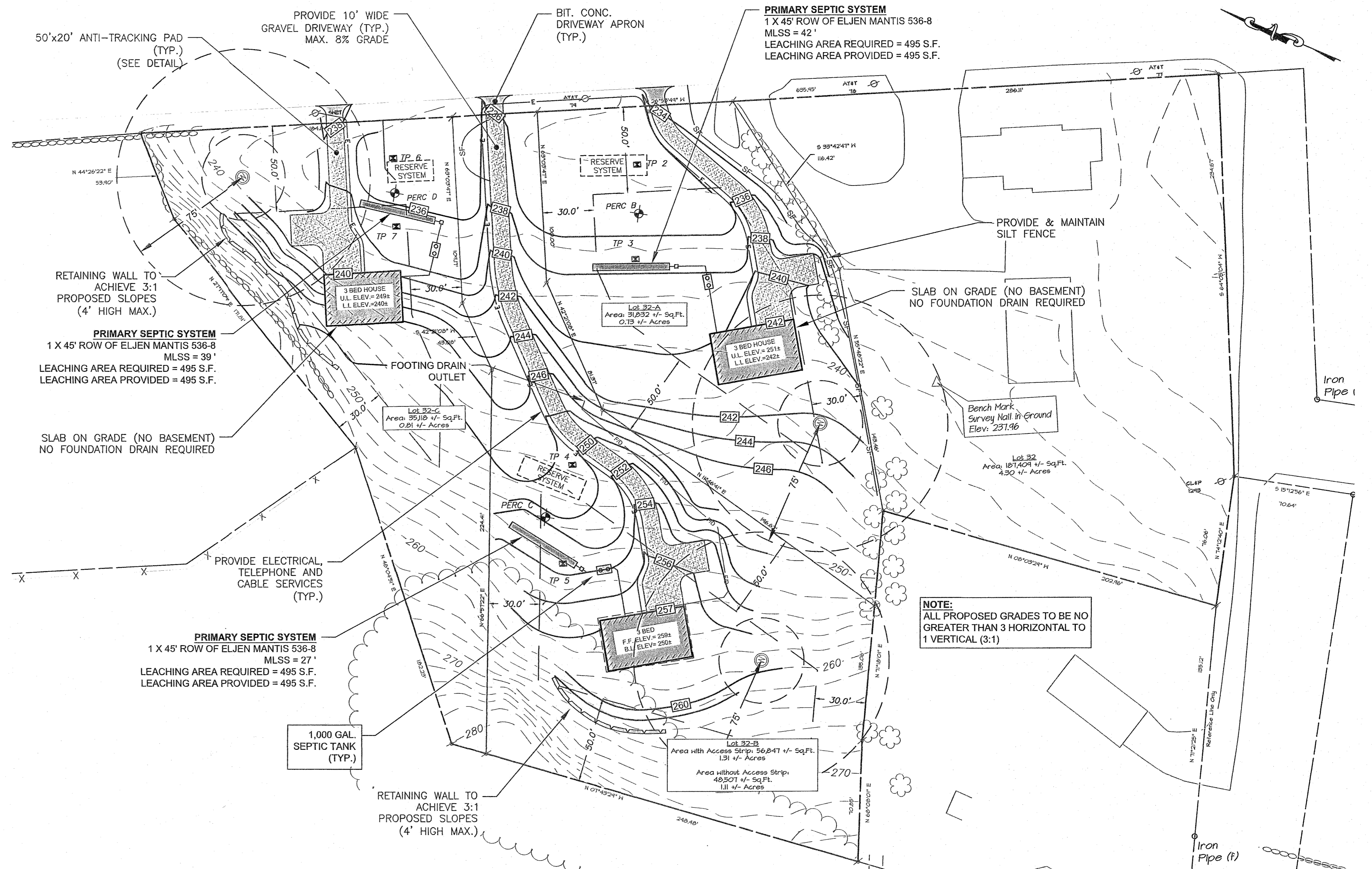
DRAWING SCALE: 1"=10'



Sheet No. 3 OF 7 Project No. 1892 Date: April 12, 2021

Notes

- This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20-300b-20 and the "Standards for Surveys and Maps in State of Connecticut" as adopted by the Connecticut Associations of Land Surveyors, Inc. on September 26, 1996
- This Survey conforms to a Class "A2" Horizontal Accuracy Class "T-2" Vertical Accuracy
- Survey Type: Subdivision Plan
- Boundary Determination: Resurvey on Existing Boundary Original on Proposed Boundary
- Intent: 4 Lot Subdivision
- Total Lot Area = 4.30 Acres
Total Area of Subdivision = 4.30 Acres
- Zone = R-30
- Owner / Applicant = CNS Holdings LLC
24 Covell Road
Pomfret Center, CT 06254
- Parcel is shown as Lot #32 on Assessor's Map #42
- This Subdivision does not include land areas within the Federal Emergency Management Agency's 100 year flood hazard area
- There are not Known endangered species or species of special concern on the subject property nor within 2 miles of the subject property per the December 2006 Natural Diversity Data Base Mapping
- Parcel does not lie within an aquifer protection area
- The Subdivision Regulations of the Town of Brooklyn are a part of this plan. Approval of this plan is contingent on completion of the requirements of said regulations, excepting any variances or modifications are on file in the office of the commission.
- North orientation, bearings and coordinate values shown are based on North American Datum of 1983 (NAD83)
- Passive Solar Energy techniques were considered in the design of the subdivision
- As per Report by Joseph Theroux, Soil Scientist, there are no wetlands located on the property



| DEEP TEST PIT DATA / SOIL DESCRIPTIONS | |
|---|--|
| PERFORMED BY: Maureen Marcoux WITNESSED BY: NORTHEAST DISTRICT DEPARTMENT OF HEALTH DATE: 03/10/2021 | |
| TEST PIT: 2 0" - 24" Junk Fill Material 24" - 43" Loamy Sand, Some Stone 43" - 104" Compact Loamy Fine Sand, Some Stone | TEST PIT: 3 0" - 8" Topsoil 8" - 34" Loamy Sand, Rocks 34" - 86" Mod. Compact Loamy Fine Sand, Rocks |
| MOTTLES: 43" GROUNDWATER: NO LEDGE: NO ROOTS: NO RESTRICTIVE: 43" | MOTTLES: NO GROUNDWATER: NO LEDGE: NO ROOTS: NO RESTRICTIVE: 34" |

| PERCOLATION DATA PERC B - DEPTH 44" | |
|---|---------------|
| TIME | DROP (INCHES) |
| 10:55 | 5.5 |
| 11:00 | 7.5 |
| 11:06 | 9.0 |
| 11:12 | 10.25 |
| 11:18 | 11 |
| PERCOLATION RATE > 8.0 MIN./IN. | |
| NOTES: PERCOLATION TEST PERFORMED ON 3/10/2021 PERFORMED BY Maureen Marcoux | |

| PERCOLATION DATA PERC C - DEPTH 26" | |
|---|---------------|
| TIME | DROP (INCHES) |
| 10:05 | 7.25 |
| 10:08 | 9.0 |
| 10:16 | 11.5 |
| 10:25 | 13.5 |
| 10:36 | 15.5 |
| 10:46 | 17.0 |
| PERCOLATION RATE > 6.6 MIN./IN. | |
| NOTES: PERCOLATION TEST PERFORMED ON 3/10/2021 PERFORMED BY Maureen Marcoux | |

| PERCOLATION DATA PERC D - DEPTH 42" | |
|---|---------------|
| TIME | DROP (INCHES) |
| 10:58 | 2.75 |
| 11:04 | 5.25 |
| 11:10 | 7.0 |
| 11:20 | 9.25 |
| 11:30 | 11.25 |
| PERCOLATION RATE > 5.0 MIN./IN. | |
| NOTES: PERCOLATION TEST PERFORMED ON 3/10/2021 PERFORMED BY Maureen Marcoux | |

| | |
|--|--|
| TEST PIT: 4 0" - 9" Topsoil 9" - 39" Loamy Sand, Rocks 39" - 97" Grey Mod. Compact Loamy Fine Sand | TEST PIT: 5 0" - 11" Topsoil Some Lrg Rocks 11" - 31" Sandy Loam, Some Lrg Rocks 31" - 52" Loamy Sand 52" - Grey Mod. Comp. Loamy Fine Sand |
| MOTTLES: 39" GROUNDWATER: NO LEDGE: NO ROOTS: NO RESTRICTIVE: 39" | MOTTLES: NO GROUNDWATER: NO LEDGE: NO ROOTS: NO RESTRICTIVE: 52" |

| LOT 32-C CONCEPT SEPTIC SYSTEM | UNIT | LOT 32-B CONCEPT SEPTIC DESIGN | UNIT |
|--|--------|--|--------|
| SINGLE FAMILY - 3 BEDROOM HOUSE | | SINGLE FAMILY - 3 BEDROOM HOUSE | |
| PERCOLATION RATE = 5.0 | Min/in | PERCOLATION RATE = 6.6 | Min/in |
| EFFECTIVE LEACHING AREA REQUIRED = 495.0 | SF | EFFECTIVE LEACHING AREA REQUIRED = 495.0 | SF |
| USE ELJEN MANTIS 536-8 | | USE ELJEN MANTIS 536-8 | |
| EFFECTIVE LEACHING AREA OF GALLERY = 11.0 | SF/LF | EFFECTIVE LEACHING AREA OF GALLERY = 11.0 | SF/LF |
| REQUIRED LENGTH = 45.0 | LF | REQUIRED LENGTH = 45.0 | LF |
| MLSS CALCULATION | | MLSS CALCULATION | |
| HYDRAULIC FACTORS: | | HYDRAULIC FACTORS: | |
| DOWNSTREAM SLOPE = 5.0 | % | DOWNSTREAM SLOPE = 15.0 | % |
| DEPTH TO RESTRICTIVE LAYER = 39.0 | IN | DEPTH TO RESTRICTIVE LAYER = 39.0 | IN |
| HYDRAULIC FACTOR (HF) = 26.0 | | HYDRAULIC FACTOR (HF) = 18.0 | |
| FLOW FACTOR (FF) = 1.5 | | FLOW FACTOR (FF) = 1.5 | |
| PERCOLATION FACTOR (PF) = 1.0 | | PERCOLATION FACTOR (PF) = 1.0 | |
| MLSS REQUIRED = 26 x 1.5 x 1.0 | 39.0 | MLSS REQUIRED = 18 x 1.5 x 1.0 | 27.0 |
| PROPOSED SYSTEM | | PROPOSED SYSTEM | |
| NUMBER OF ROWS OF 536-8 Full Profile = 1.0 | | NUMBER OF ROWS OF 536-8 Full Profile = 1.0 | |
| MLSS PROVIDED = 45.0 | LF | MLSS PROVIDED = 45.0 | LF |
| LEACHING AREA PROVIDED = 495 | SF | LEACHING AREA PROVIDED = 495 | SF |

| | |
|---|---|
| TEST PIT: 6 0" - 12" Topsoil Some Lrg Rocks 12" - 25" Sandy Loam, Some Lrg Rocks 25" - 46" Loamy Sand, Some Lrg Rocks 46" - 103" Mod. Compact Loamy Fine Sand, Lrg Rocks | TEST PIT: 7 0" - 9" Topsoil Some Rocks 9" - 22" Sandy Loam some Rocks 22" - 39" Loamy sand, some rocks 39" - 98" Mod Compact Loamy Fine Sand, stones |
| MOTTLES: NO GROUNDWATER: NO LEDGE: NO ROOTS: NO RESTRICTIVE: 46" | MOTTLES: NO GROUNDWATER: NO LEDGE: NO ROOTS: NO RESTRICTIVE: 39" |



ARCHER Surveying LLC
18 Providence Road, Brooklyn, CT
(860) 779-2240

CLA Engineers, Inc.
Civil · Structural · Surveying
317 Main Street Norwich, CT 06360
(860) 886-1966 Fax (860) 886-9165

| | | |
|-----|----------|-----------------------|
| 1 | 05/11/21 | VARIOUS MODIFICATIONS |
| No. | DATE | REVISION |

CNS HOLDINGS, LLC
SUBDIVISION DAY STREET BROOKLYN, CT
GRADING AND SEPTIC DESIGN PLAN

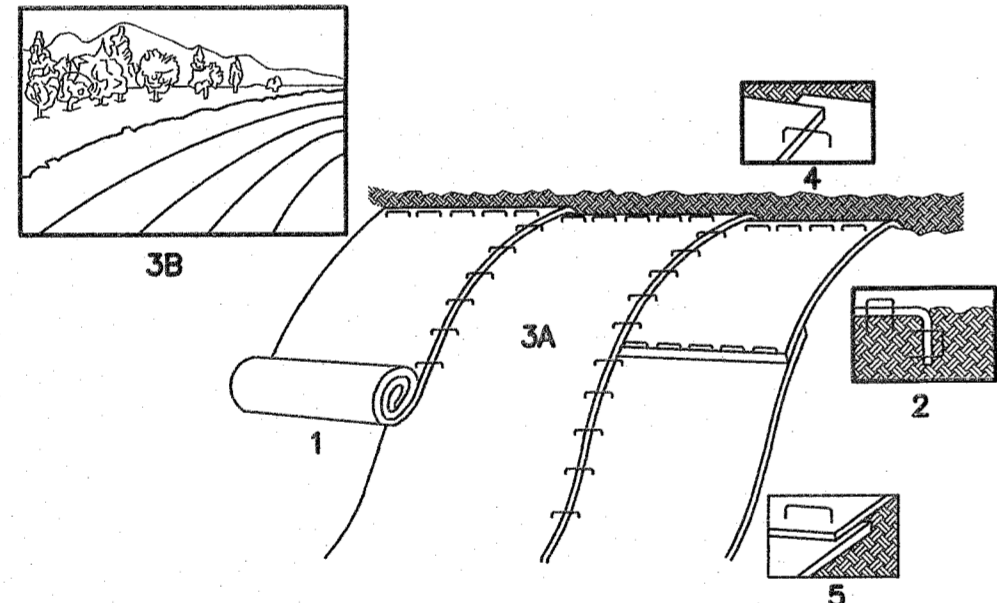
Project No. CLA-6736
Proj. Engineer R.A.D.
Date: 04/21/21
Sheet No. 4 of 7

EROSION & SEDIMENTATION CONTROL NARRATIVE

1. THE EROSION & SEDIMENTATION CONTROL PLAN AND DETAILS HAVE BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION. THIS PLAN IS BASED ON THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEP.
2. THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL MEASURES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROVIDE SILT FENCE, STONE CHECK DAMS AND/OR OTHER EROSION CONTROL MEASURES AS NEEDED OR DIRECTED BY THE ENGINEER OR TOWN STAFF TO ADEQUATELY PREVENT SEDIMENT TRANSPORT.
3. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
4. THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT. SEDIMENT DEPOSITS MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.
5. STAKED HAY BALE SILT BARRIERS OR SILT FENCE SHALL BE INSTALLED AROUND ANY TEMPORARY STOCKPILE AREAS. TEMPORARY VEGETATIVE COVER MAY BE REQUIRED (SEE NOTE).
6. INLET SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED UNDER THE GRATES OF ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION, AND UNDER THE GRATES OF EXISTING CATCH BASINS IN THE CONSTRUCTION AREA.
7. CONTINUOUS DUST CONTROL USING WATER, CALCIUM CHLORIDE OR APPROVED EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED ROADWAY SURFACES.
8. IF DEWATERING IS NECESSARY DURING ANY TIME OF CONSTRUCTION A CLEAR WATER DISCHARGE SHALL BE PROVIDED AS SHOWN IN THE HAY-BALE BARRIER DEWATERING DETAIL OR ALTERNATE METHOD PROPOSED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
9. ALL DISTURBED AREAS SHALL BE RESTORED PER THE SLOPE STABILIZATION AND PERMANENT VEGETATION DETAILS. ALL DISTURBED AREAS THAT ARE SLOPED LESS THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) SLOPE SHALL BE LOAMED, SEDED, FERTILIZED AND MULCHED PER THE PERMANENT VEGETATIVE COVER SPECIFICATIONS. EROSION CONTROL MATTING SHALL BE PROVIDED ON ALL DISTURBED AREAS THAT ARE SLOPED MORE THAN THREE HORIZONTAL TO ONE VERTICAL (3:1).
10. IF FINAL SEEDING OF DISTURBED AREAS IS NOT TO BE COMPLETED BEFORE OCTOBER 15, THE CONTRACTOR SHALL PROVIDE TEMPORARY MULCHING (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY PERMANENT SEEDING.
11. WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISHED GRADED SHALL BE COMPLETED PRIOR TO OCTOBER 15.
12. ANY EROSION WHICH OCCURS WITHIN THE DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED AND STABILIZED. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT SHALL BE RETURNED TO THE SITE. POST SEEDING, INTERCEPTED SEDIMENT, IF ANY, SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE TOWN AND ENGINEER.
13. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED OR SLOPES ARE STABILIZED AND REMOVAL IS APPROVED BY THE TOWN.
14. UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEP.
15. THE CONTRACTOR SHALL PROVIDE THE NAME AND EMERGENCY CONTACT INFORMATION FOR THE PROJECT PERSONNEL RESPONSIBLE FOR EROSION AND SEDIMENTATION CONTROLS PRIOR TO THE START OF CONSTRUCTION.

NOTE: THE CONTRACTOR SHALL CONTINUALLY STORE THE FOLLOWING MATERIALS ONSITE DURING CONSTRUCTION TO MEET UNEXPECTED EROSION NEEDS

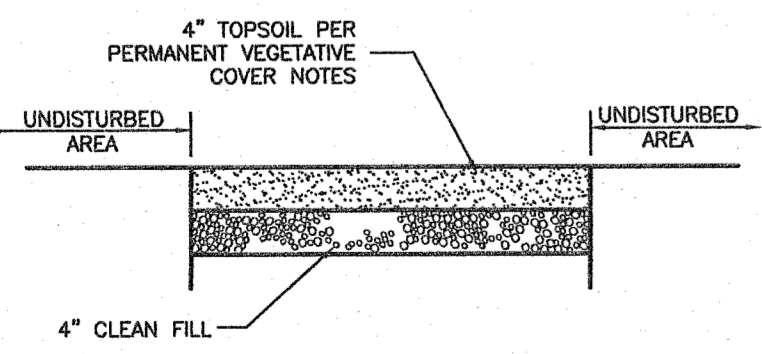
- 100 LF OF SILT FENCE
- 10 HAY BALES
- 10 CY OF WOOD CHIPS OR CRUSHED STONE



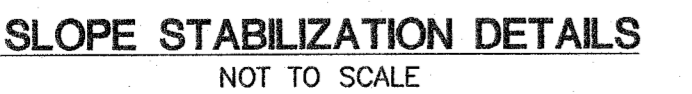
1. PROVIDE 4" THICKNESS OF TOPSOIL OVER CLEAN FILL. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED MIX PER PERMANENT VEGETATIVE COVER NOTES. (SHALL BE PAID FOR AT THE UNIT PRICE FOR LOAM, SEED, FERTILIZER & MULCH)
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP x 6" WIDE TRENCH, BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKET (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

NOTE: ALL PERMANENT EROSION CONTROL BLANKETS ARE TO BE NORTH AMERICAN GREEN BROWN GREEN OR APPROVED EQUAL.

EROSION CONTROL MATTING DETAIL (FOR 3:1 SLOPES OR GREATER)



TYPICAL LOAM & SEED SECTION DETAIL (FOR ALL DISTURBED AREAS)



SLOPE STABILIZATION DETAILS

NOT TO SCALE

TEMPORARY VEGETATIVE COVER

A TEMPORARY SEEDING OF RYE GRASS WILL BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF STOCKPILES. IF THE SOIL IN THE STOCKPILE HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS IT SHALL BE LOOSENED TO A DEPTH OF 2 INCHES BEFORE THE FERTILIZER, LIME AND SEED IS APPLIED. 10-10-10 FERTILIZER AT A RATE OF 7.5 POUNDS PER 1000 S.F. LIMESTONE AT A RATE OF 90 LBS. PER 1000 S.F. SHALL BE USED. RYE GRASS APPLIED AT A RATE OF 1 LB. PER 1000 S.F. SHALL PROVIDE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE MATTER SHALL BE USED AT A RATE OF 70-90 LBS. PER 1000 S.F. AS A TEMPORARY MULCH. APPLY MULCH AND DRIVE TRACKED EQUIPMENT UP AND DOWN SLOPE OVER ENTIRE SURFACE SO CLEAT MARKS ARE PARALLEL TO THE CONTOURS.

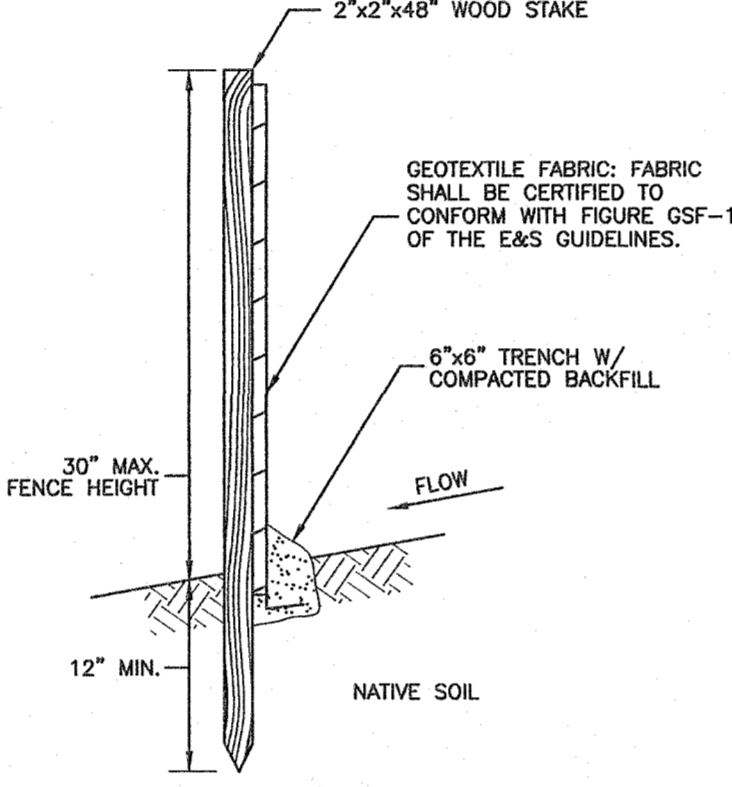
PERMANENT VEGETATIVE COVER

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATIONS HAVE BEEN COMPLETED AND THE SLOPES ARE GRADED AS SHOWN ON THE PLANS. PROVIDE SLOPE PROTECTION AS CALLED FOR ON THE PLANS AND DETAILS. TOPSOIL SHALL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS.

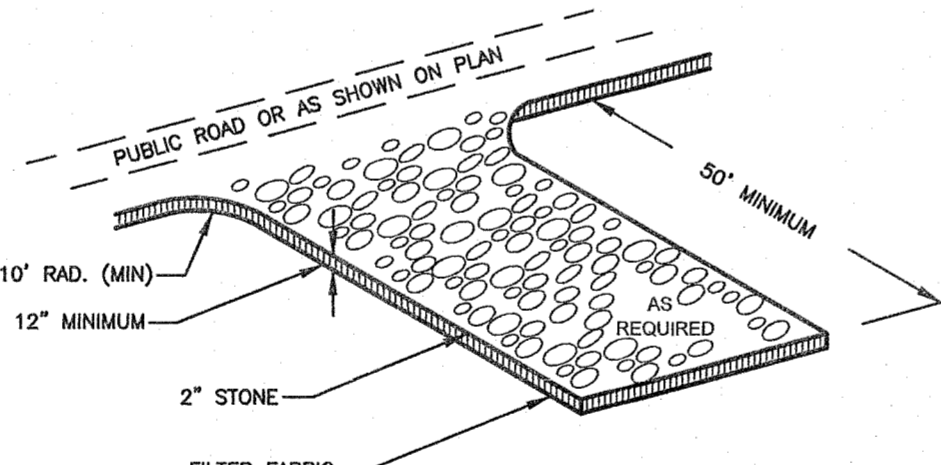
- APPLY AGRICULTURAL GROUND LIMESTONE AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F.
- APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 300 LBS. PER ACRE OR 7.5 LBS. PER 1000 S.F.
- WORK LIMESTONE AND FERTILIZER INTO THE SOIL TO A DEPTH OF 4 INCHES.
- INSPECT SEEDBED BEFORE SEEDING.
- IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS.
- APPLY THE FOLLOWING GRASS SEED MIX:

TYPICAL SEED MIXTURE

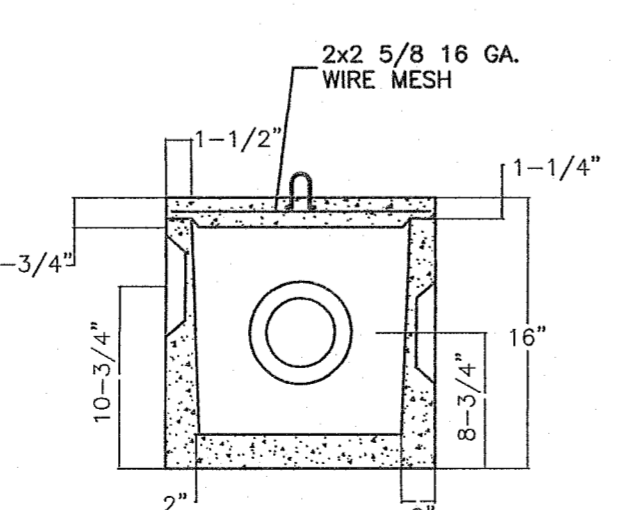
| ALL DISTURBED AREAS | LBS./ACRE | LBS./1000 S.F. |
|---------------------|-----------|----------------|
| KENTUCKY BLUEGRASS | 20 | 0.45 |
| CREeping RED FESCUE | 20 | 0.45 |
| PERENNIAL RYEGRASS | 5 | 0.10 |
| | 45 | 1.00 |



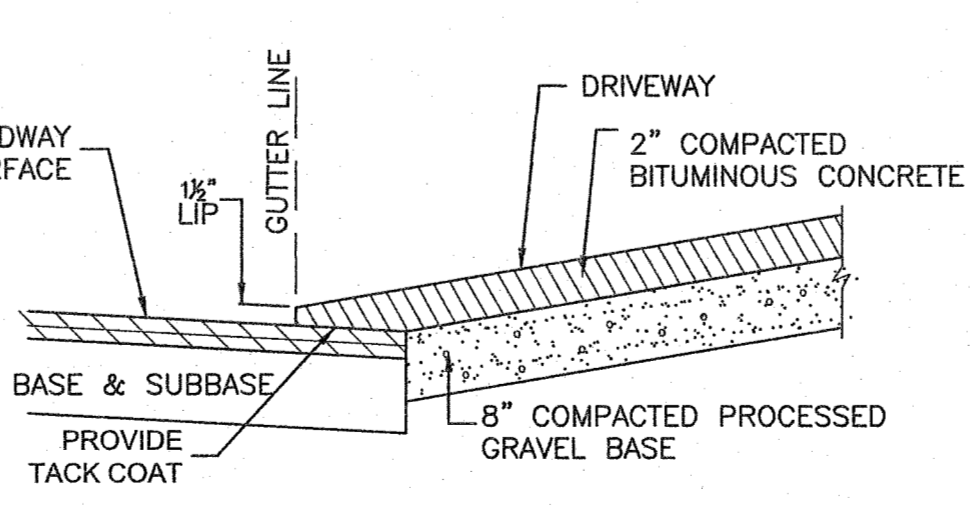
SILT FENCE SECTION
NOT TO SCALE



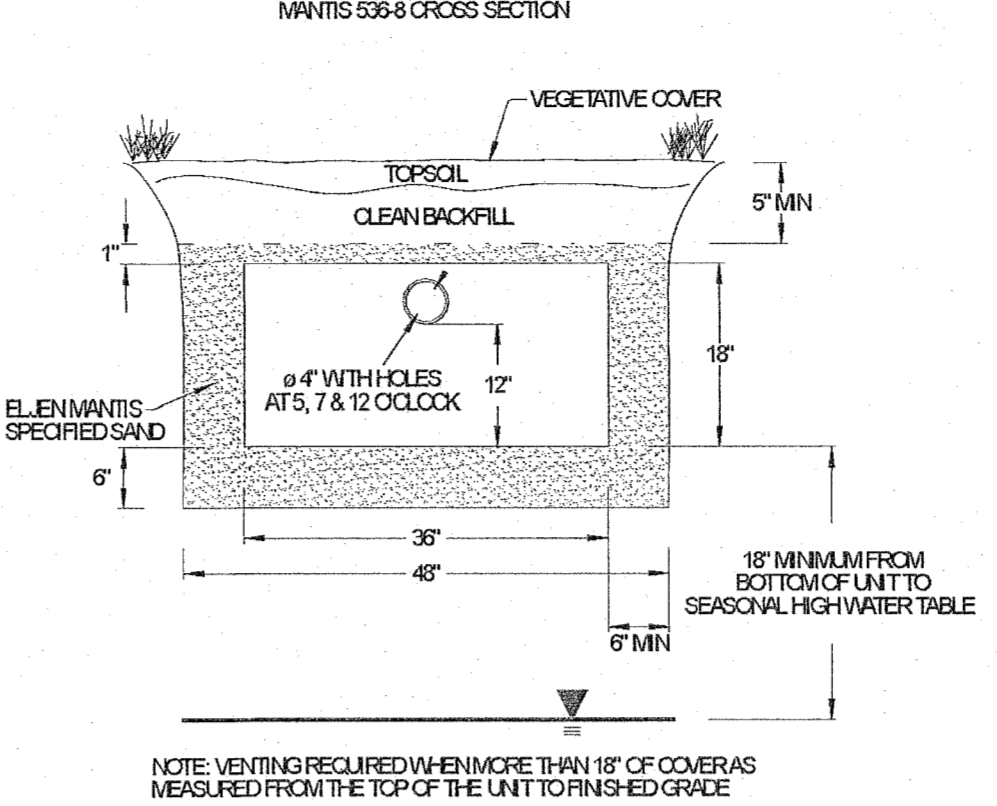
ANTI-TRACKING PAD DETAIL
NOT TO SCALE



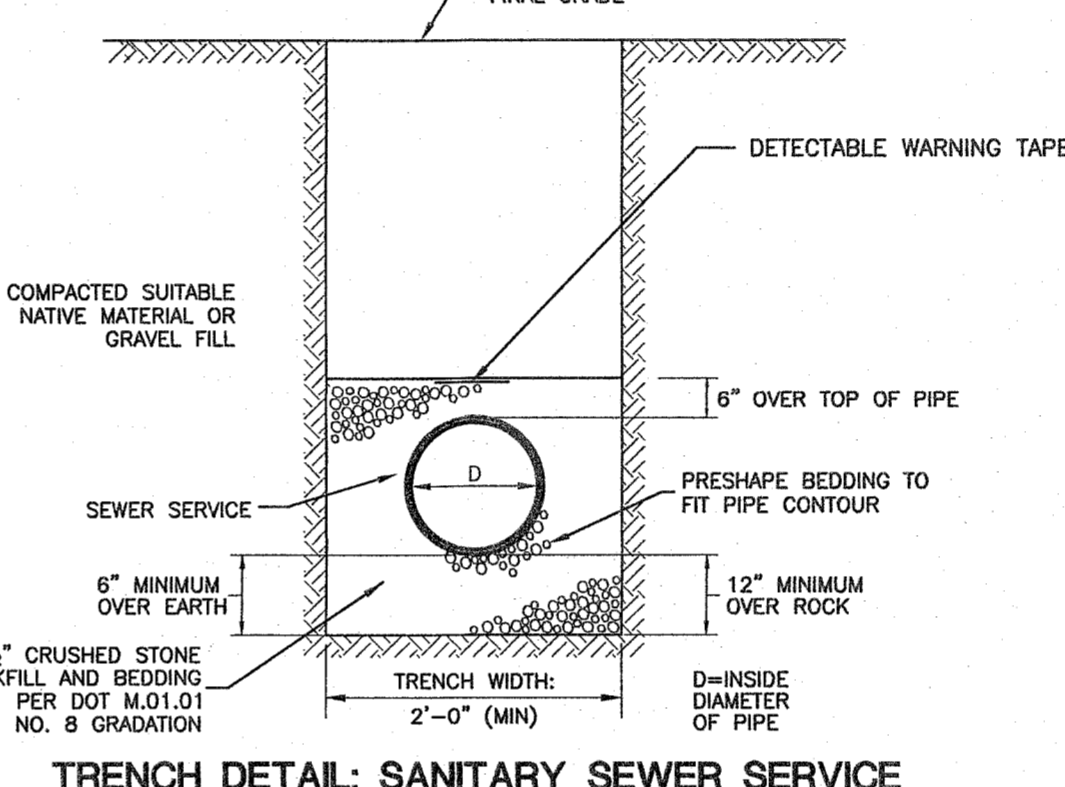
STANDARD D-BOX
NOT TO SCALE



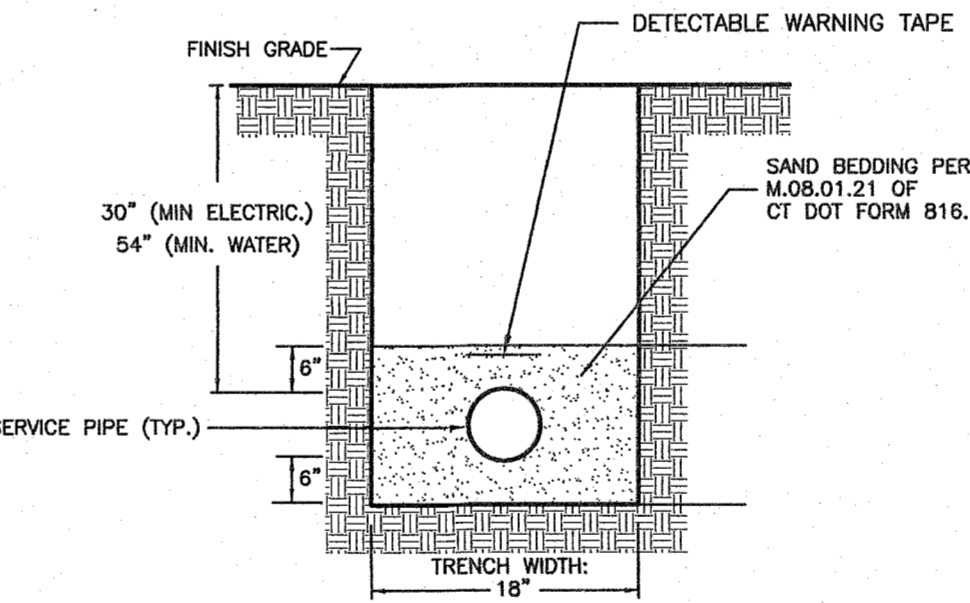
BITUMINOUS CONCRETE DRIVEWAY SECTION VIEW (NO CURB)
NOT TO SCALE



NOTE: VENTING REQUIRED WHEN MORE THAN 18" OF COVER IS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE

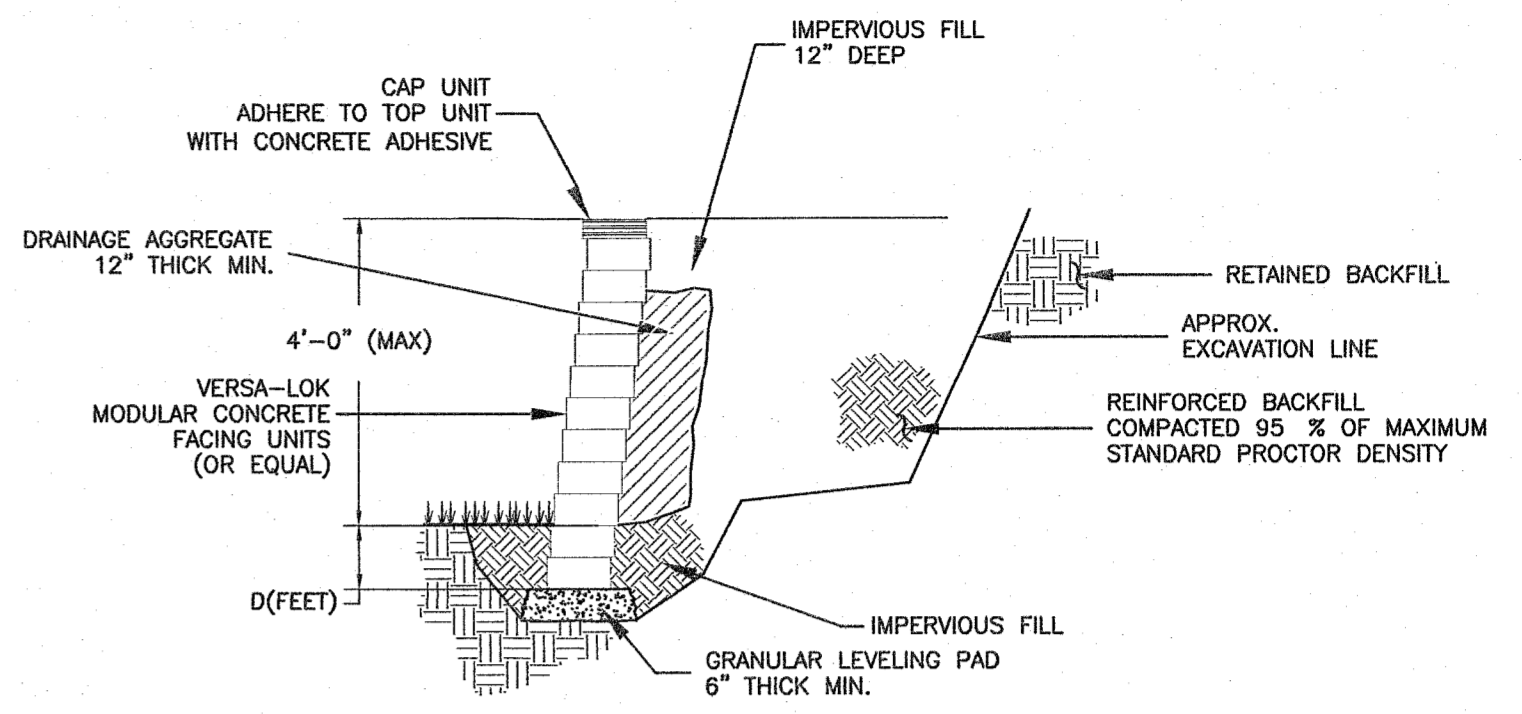


TRENCH DETAIL: SANITARY SEWER SERVICE
NOT TO SCALE



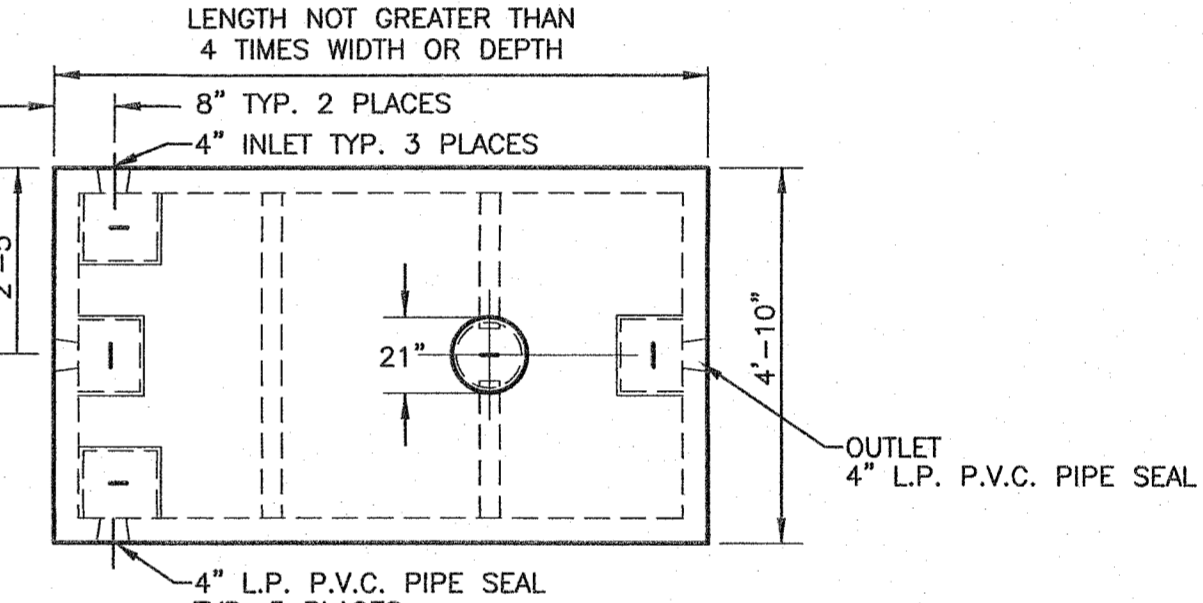
NOTES:
1. TRENCH WIDTHS NOTED ARE SET TO ESTABLISH PAY LIMITS ONLY.
2. ALL EXCAVATIONS MUST MEET OSHA STANDARDS.
3. CONTRACTOR TO PROVIDE COMPACTION ON ALL TRENCH BACKFILLS, EXCAVATIONS AND PAVEMENT BASES TO NOT LESS THAN 90% OF THE DRY DENSITY FOR THAT MATERIAL.
4. MAINTAIN 2" SEPARATION BETWEEN MULTIPLE CONDUIT TRENCHES

TYPICAL SERVICE PIPE TRENCH DETAIL
NOT TO SCALE

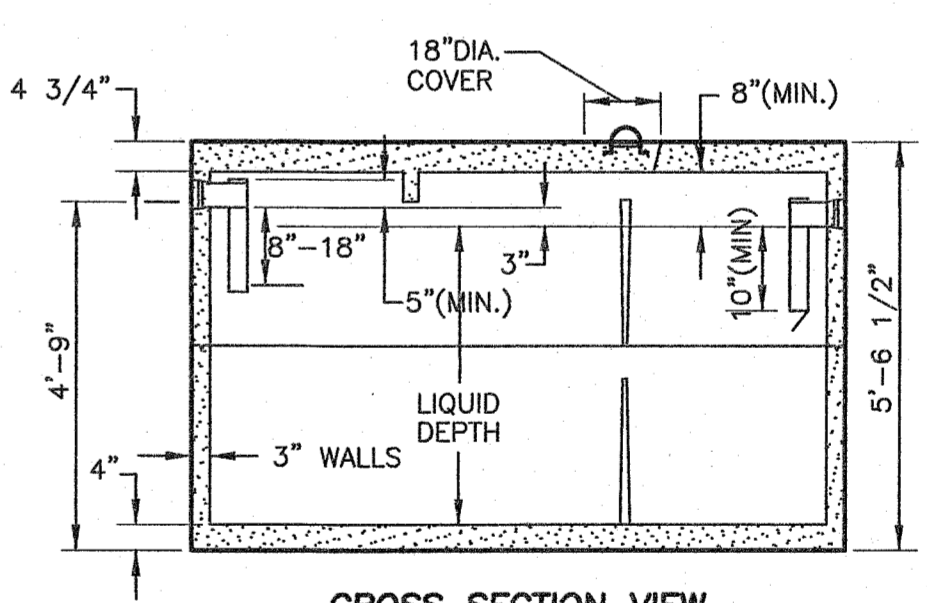


NOTE: FINAL DESIGN OF WALL TO BE APPROVED BY MANUFACTURERS ENGINEER PRIOR TO INSTALLATION.

CONCRETE BLOCK RETAINING WALL
NOT TO SCALE

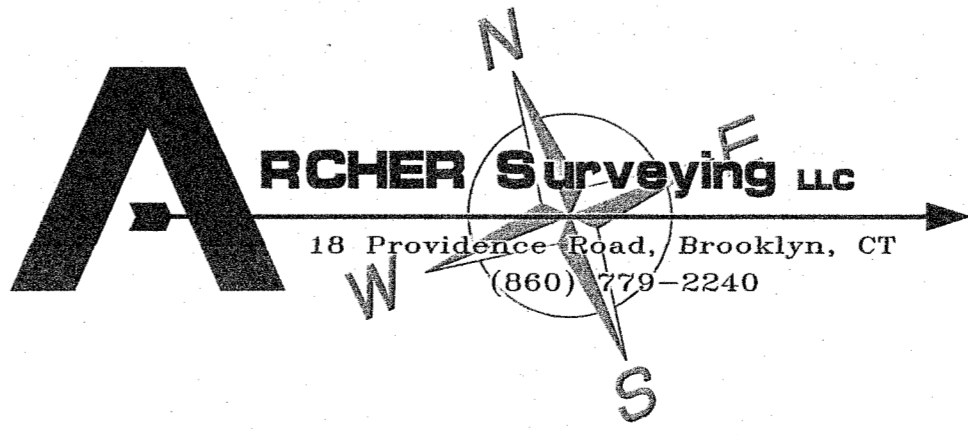


PLAN VIEW

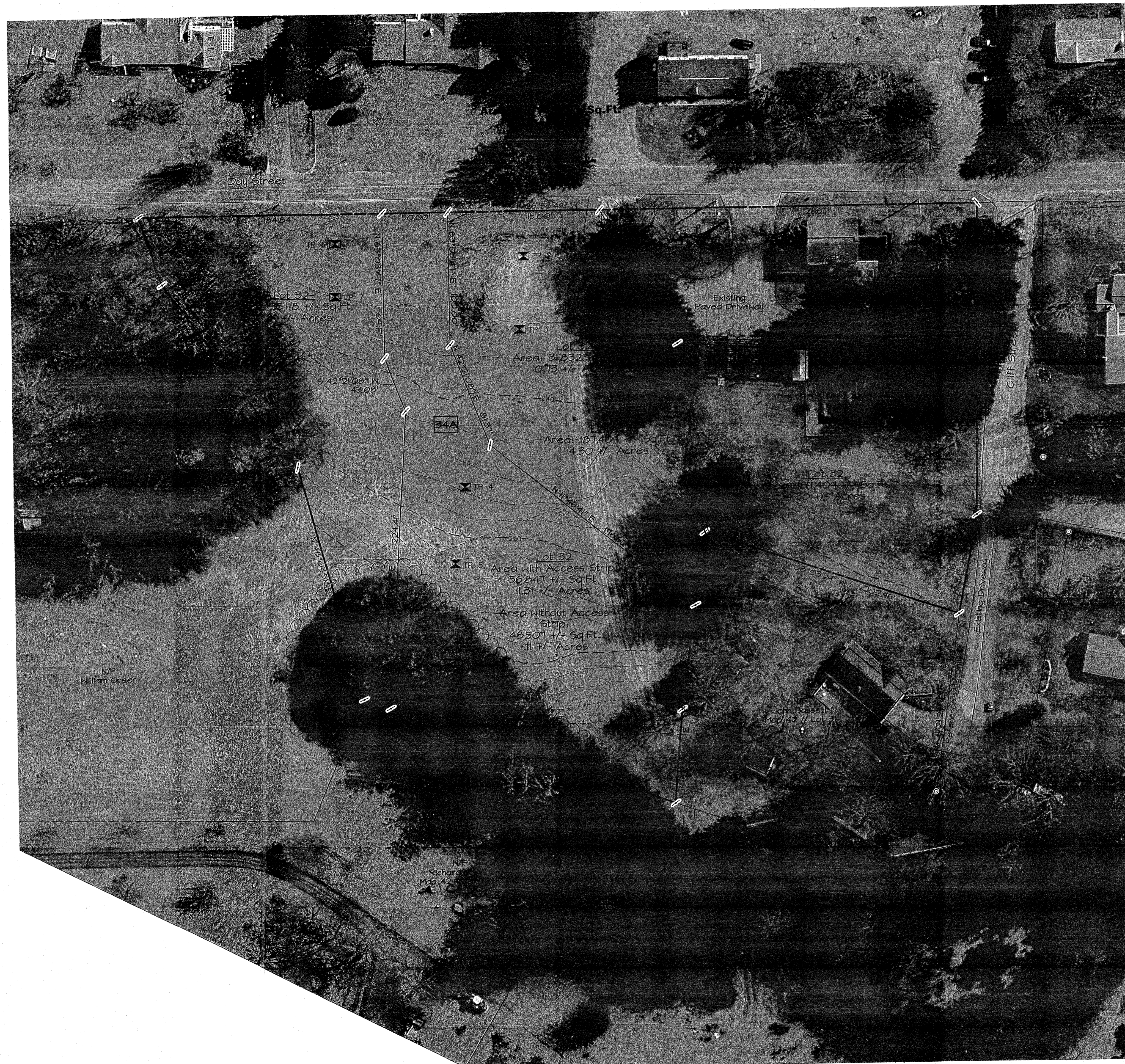


CROSS SECTION VIEW

1,000 GALLON SEPTIC TANK
NOT TO SCALE



| | | |
|---|--------------------------|--|
| <p>CLA Engineers, Inc. CIVIL • STRUCTURAL • SURVEYING</p> <p>317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165</p> | | <p>Project No. CLA-6736</p> <p>Proj. Engineer R.A.D.</p> <p>Date: 04/21/21</p> <p>Sheet No. 5 of 7</p> |
| <p>1 05/11/21 VARIOUS MODIFICATIONS</p> | <p>NO. DATE REVISION</p> | <p>CNG HOLDINGS, LLC</p> <p>SUBDIVISION DAY STREET BROOKLYN, CT</p> <p>NOTES & CONSTRUCTION DETAILS</p> |



LEGEND

| | |
|--|------------------------|
| | PROPERTY LINE |
| | EASEMENT |
| | STONEWALL |
| | STONEWALL REMAINS |
| | 100 YEAR FLOOD LIMIT |
| | EXISTING TREELINE |
| | EXISTING INDEX CONTOUR |
| | EXISTING CONTOUR |
| | WETLANDS FLAG |
| | BUILDING SETBACK |
| | IRON PIN FOUND |
| | DRILL HOLE FOUND |
| | MONUMENT FOUND |
| | PROPERTY POINT |
| | UTILITY POLE |

| Soil Data | |
|-----------|--|
| T3C | Charlton - Chatfield Complex, 0 to 15 percent Slopes, Very Rocky |
| 34A | Merrimac Fine Sandy Loam 0 to 3 percent Slopes |
| 34B | Merrimac Fine Sandy Loam 3 to 8 Percent Slopes |

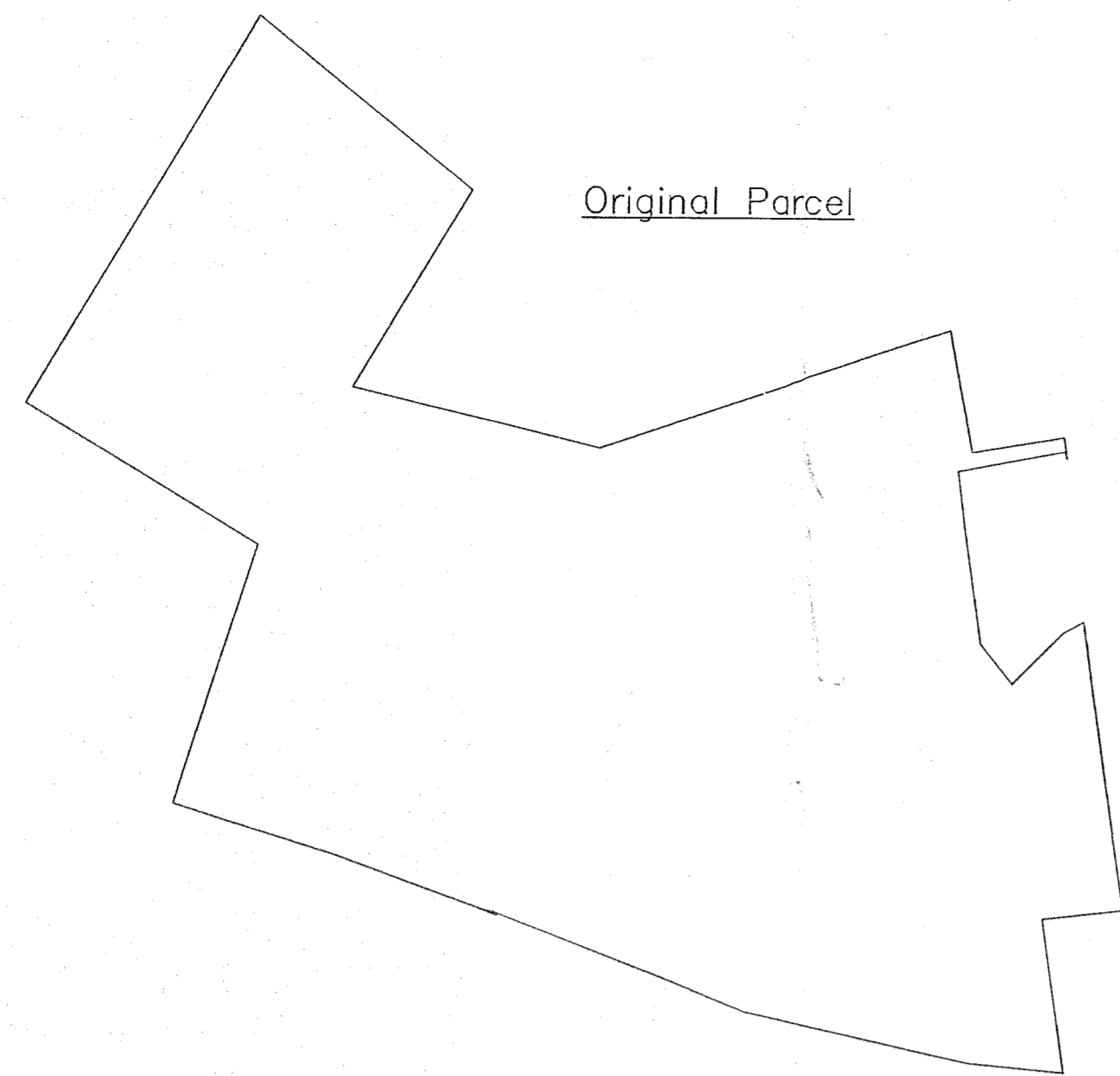
Site Analysis Plan

Prepared For:
CNG Holdings LLC
 Day Street
 Brooklyn, Connecticut

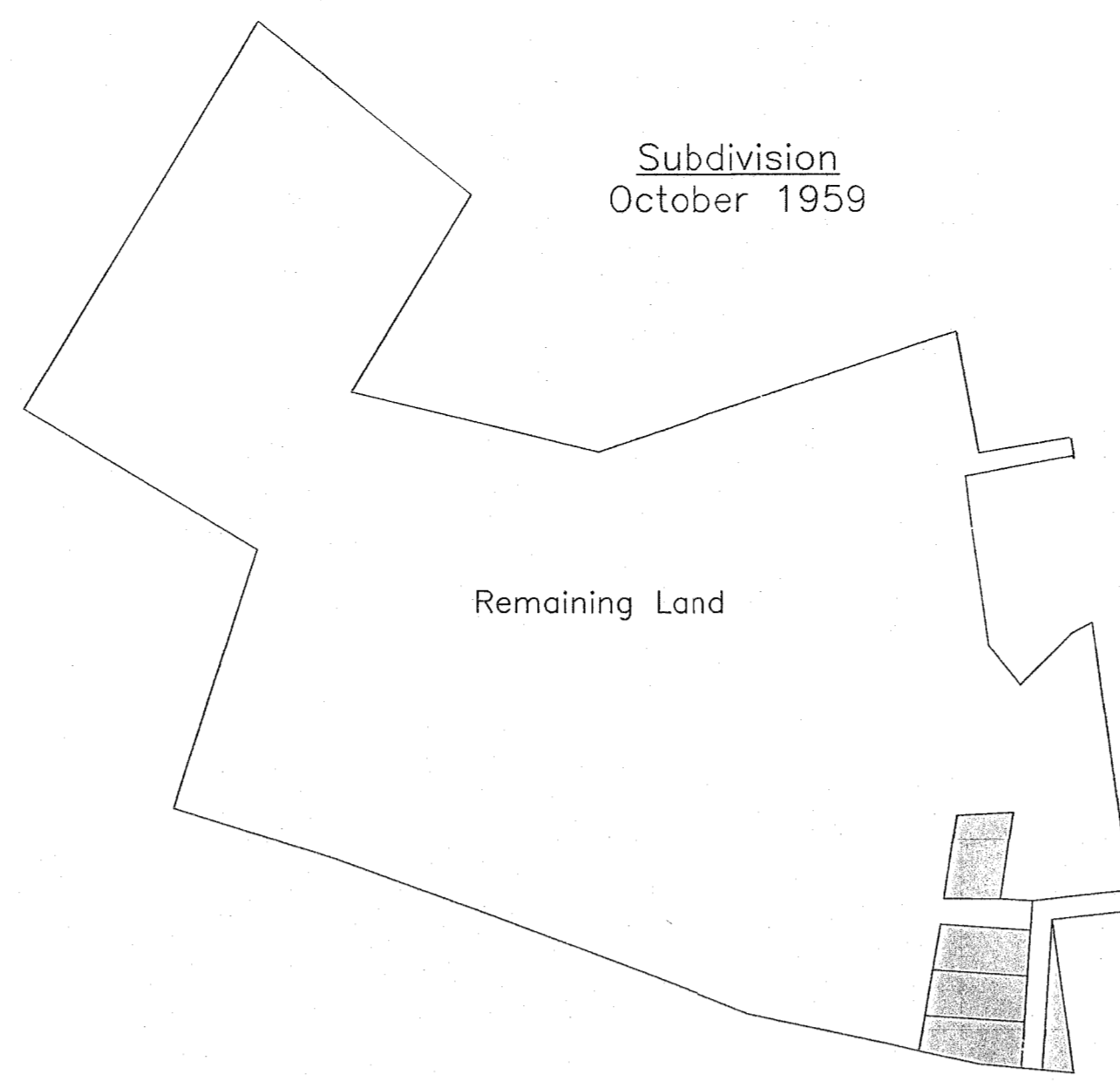
DRAWING SCALE: 1"=40'

ARCHER Surveying LLC
 18 Providence Road, Brooklyn, CT
 (860) 779-2240

| | | |
|------------------|------------------|----------------------|
| Sheet No. 6 OF 7 | Project No. 1892 | Date: April 12, 2021 |
|------------------|------------------|----------------------|

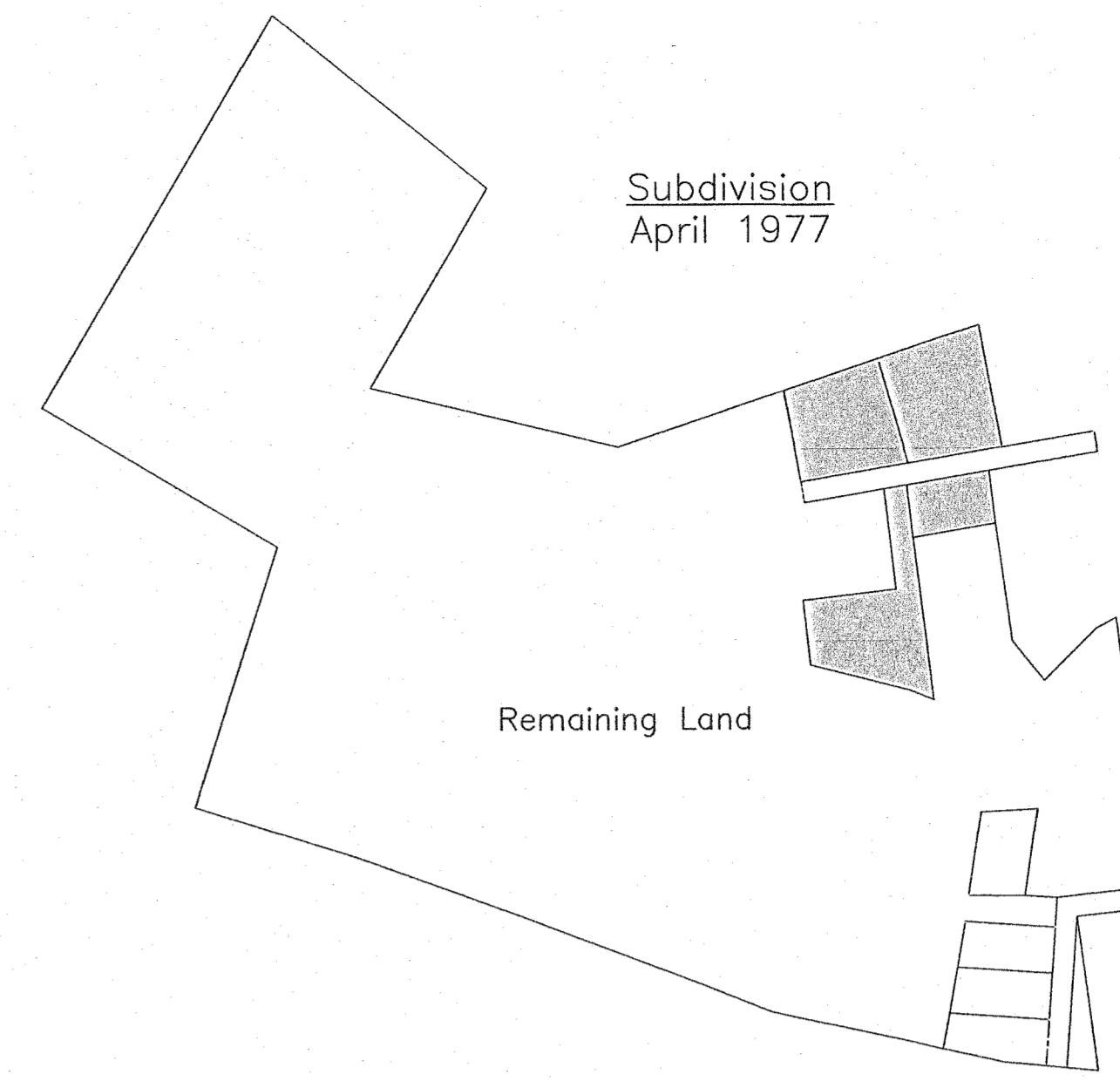


Original Parcel



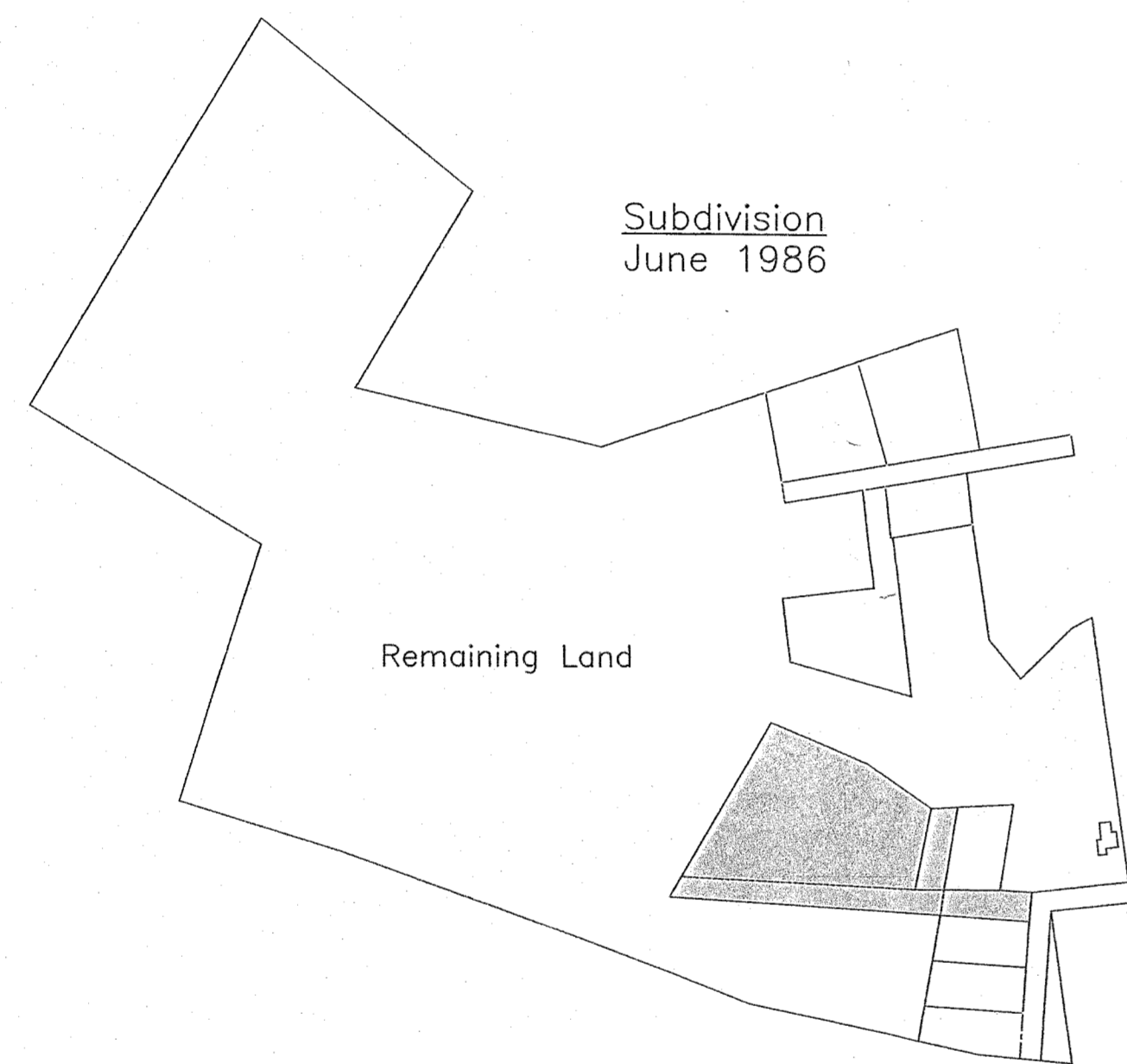
Subdivision
October 1959

Remaining Land



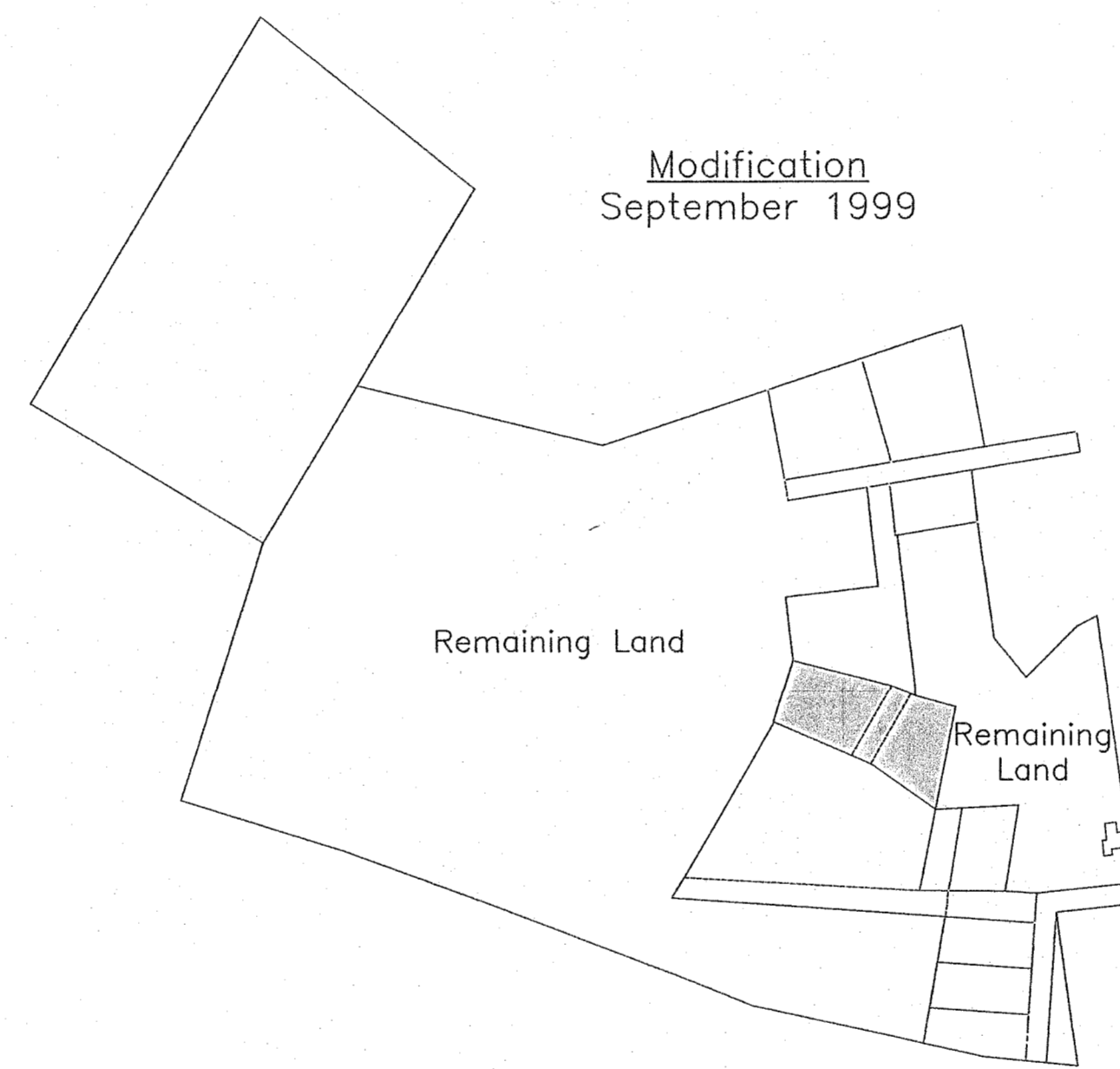
Subdivision
April 1977

Remaining Land



Subdivision
June 1986

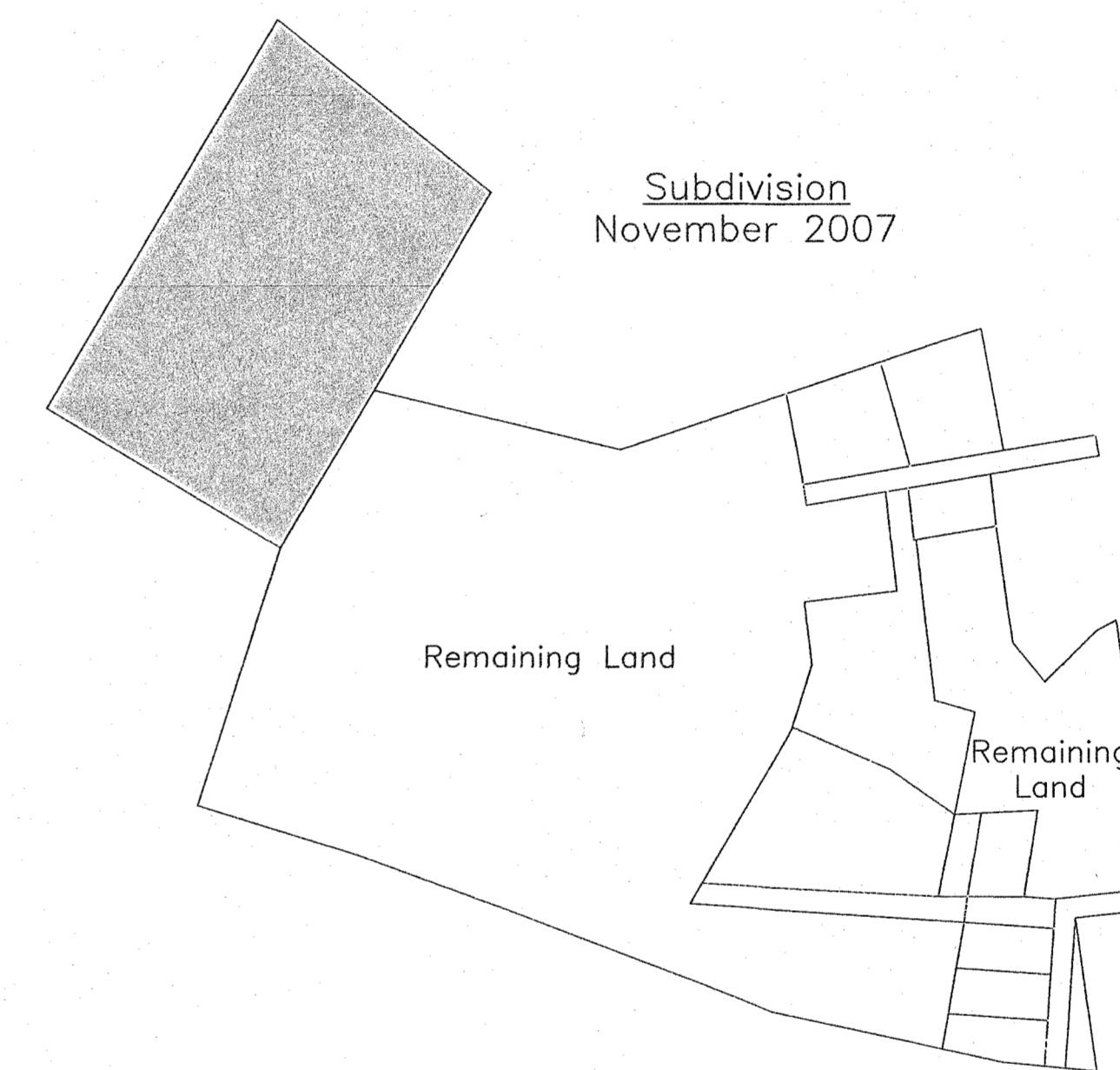
Remaining Land



Modification
September 1999

Remaining Land

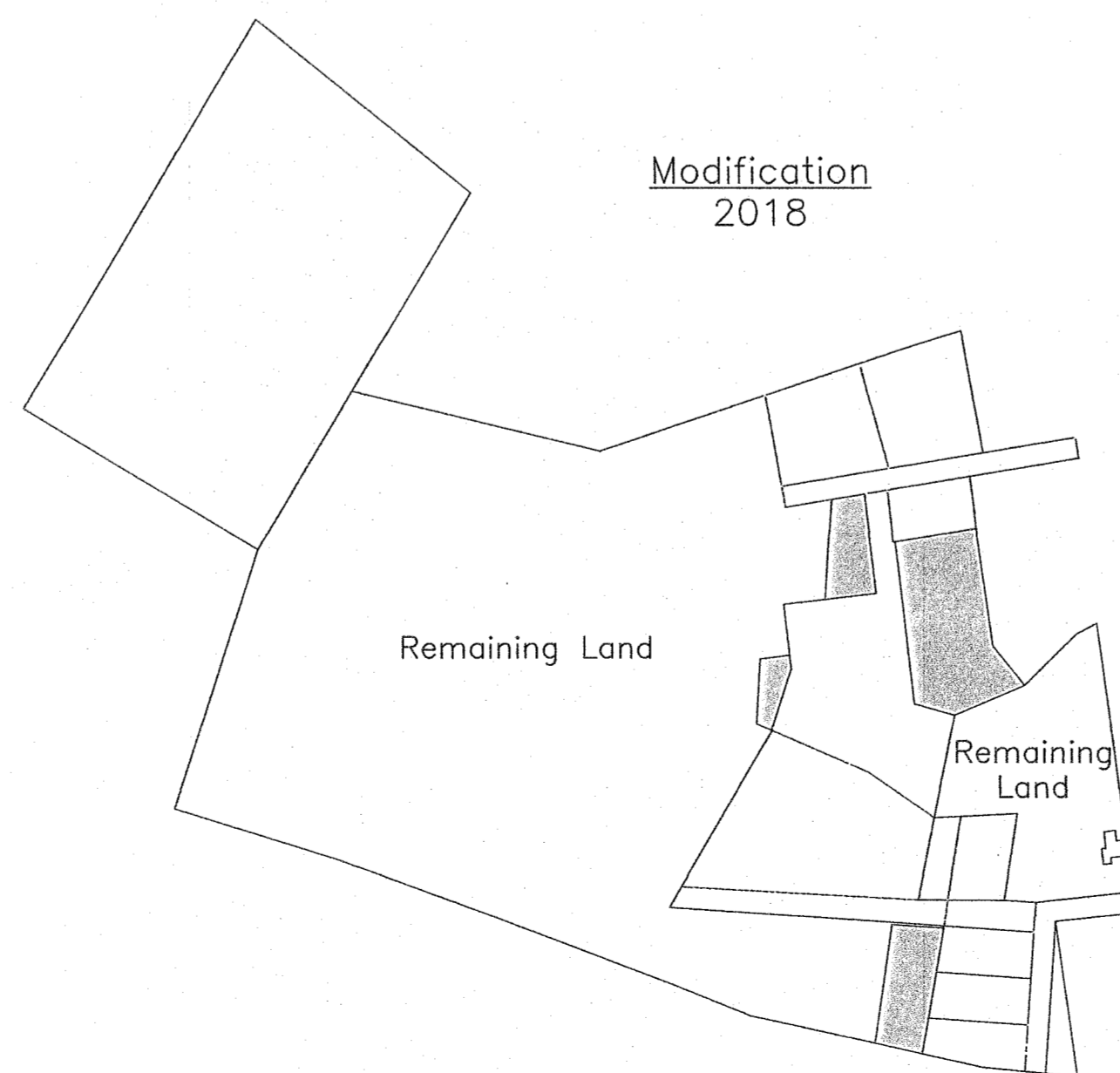
Remaining Land



Subdivision
November 2007

Remaining Land

Remaining Land



Modification
2018

Remaining Land

Remaining Land

Parcel History Plan

Prepared For:
CNG Holdings LLC
Day Street
Brooklyn, Connecticut

