

EASEMENT NUMBER	GRANTOR	GRANTEE	TYPE OF EASEMENT	DATE FILED	VOL/PG
1	JACQUES CONSTRUCTION, LLC	TOWN OF SOUTH WINDSOR	STREET TREE EASEMENT	---	---



ZONING TABLE

ZONE: AA-30 ZONE (LIMITED RESIDENTIAL)		
ITEM	REQUIRED/ ALLOWED*	PROPOSED LOT 1
LOT AREA	60,000 SF	92,709 SF (83,433 SF EXCLUSIVE OF ACCESSWAY)
LOT WIDTH	225'	345.8'
LOT DEPTH	150'	229.96'
FRONT YARD	50'	56.6'
SIDE YARD	20'	124.1'
REAR YARD	50'	110.7'
HEIGHT	30'	≤30'
STORIES	2 1/2	≤2 1/2
LOT COVERAGE	15%	2.5%
IMPERVIOUS COVERAGE	N/A	N/A

NOTE:
* INTERIOR LOT REQUIREMENTS

ZONING TABLE

ZONE: AA-30 ZONE (LIMITED RESIDENTIAL)		
ITEM	REQUIRED/ ALLOWED	PROPOSED LOT 2
LOT AREA	30,000 SF	104,170 SF
LOT FRONTAGE	150'	182.8'
LOT DEPTH	150'	446.12'
FRONT YARD	50'	274.3'
SIDE YARD	20'	76.7'
REAR YARD	50'	111.6'
HEIGHT	30'	≤30'
STORIES	2 1/2	≤2 1/2
LOT COVERAGE	15%	2.8%
IMPERVIOUS COVERAGE	N/A	N/A

PROPERTY OWNER:
JACQUES CONSTRUCTION LLC
67 RIDGE RD
SOUTH WINDSOR, CT 06074

APPLICANT:
JOHN JACQUES
JACQUES CONSTRUCTION, LLC
67 RIDGE RD
SOUTH WINDSOR, CT 06074
(860) 305-1861

REFERENCES:
THIS PLAN REFERS TO THE FOLLOWING:
1. PLAN ENTITLED "PROPERTY & TOPOGRAPHIC SURVEY, LAND OF JOHN SULLIVAN, #73 MILLER ROAD, SOUTH WINDSOR, CONNECTICUT" DATED 10-1-21 PREPARED BY DESIGN PROFESSIONALS, INC.

- SURVEY NOTES:**
- THIS SURVEY AND MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THRU 20-300b-20 AND THE "STANDARDS SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2018.
 - TYPE OF SURVEY IS A PROPERTY SURVEY AND IS INTENDED TO DEPICT THE LOCATION OF EXISTING CONDITIONS RELATIVE TO PROPERTY LINES.
 - THIS IS A INDEPENDENT RESURVEY BASED ON DEEDS AND REFERENCED MAPS.
 - HORIZONTAL ACCURACY MEETS CLASS A-2 STANDARDS.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Barry D. Clarke, L.S.

16766
LIC. NO.

MILLER HEIGHTS SUBDIVISION

67 RIDGE ROAD
SOUTH WINDSOR, CT

REVISIONS

SUBDIVISION PLAN

SHEET

C-S1

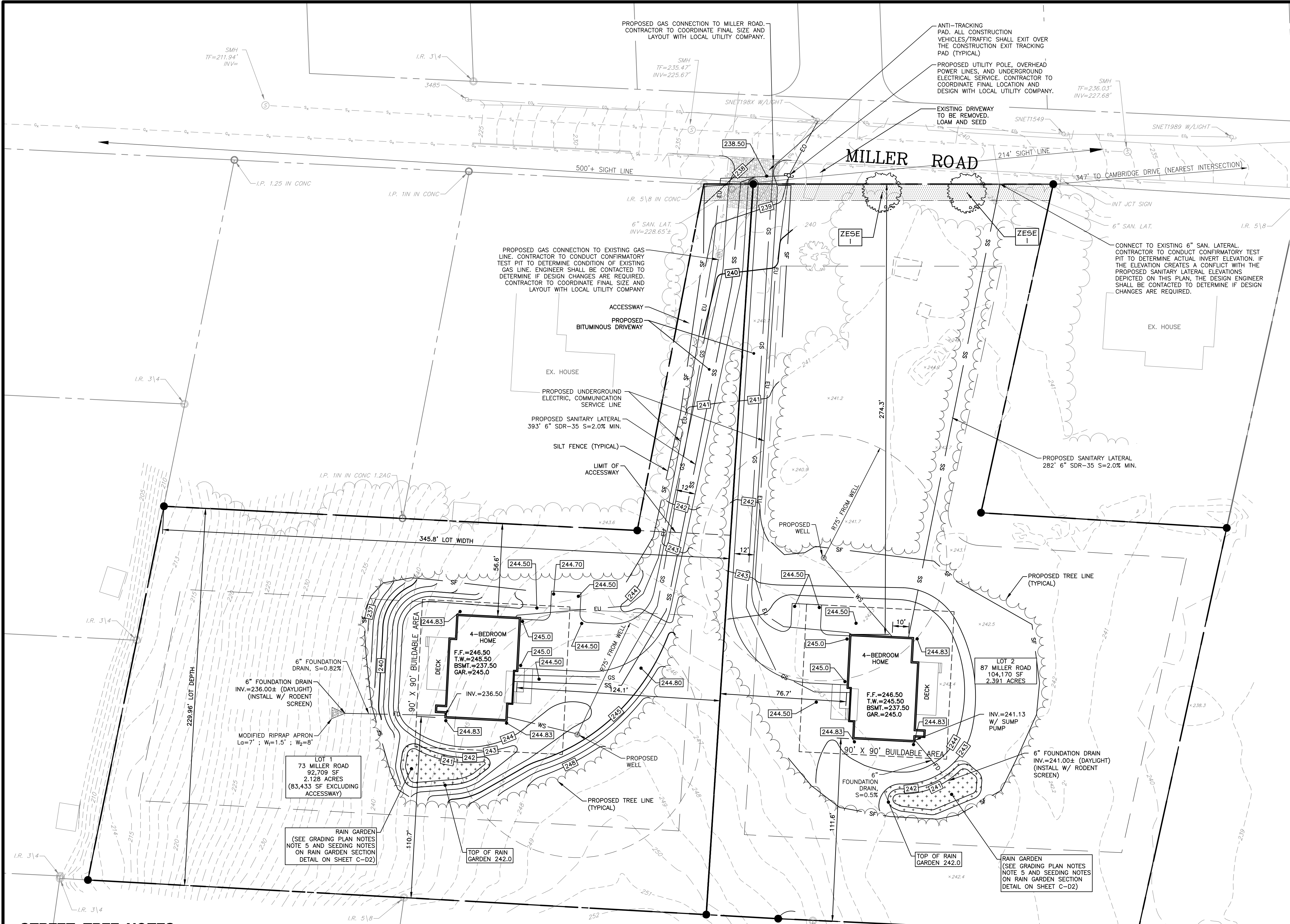
SHEET 2 OF 5

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21 EBBEY DRIVE
P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-291-8727 - F
www.designprofessionalsinc.com

Design Professionals
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR:
Jacques Construction
67 Ridge Road
South Windsor, CT 06074

PROJECT NO.: 4736
DATE: 11/22/21
DESIGNER: CHM
CHECKED BY: BFW



STREET TREE NOTES:

1. ALL TREES SHALL BE HANDLED BY THE ROOT BALL AND NOT BY THE TRUNK OF THE TREE.
2. ALL ROPE OR TWINE SHALL BE COMPLETELY REMOVED ONCE THE TREE HAS BEEN PLACED IN THE PLANTING AREA, BURLAP SHALL BE ROLLED DOWN AND CUT OR TUCKED UNDER THE ROOT BALL.
3. ANY WIRE BASKETS SHALL BE CUT AND THE UPPER 2/3 REMOVED AFTER THE TREE IS PLACED IN THE PLANTING AREA.
4. ALL TREES SHALL BE FRESHLY DUG WITHIN 30 DAYS OF DELIVERY TO THE PLANTING SITE.
5. ALL TWINE, ROPE OR ANY OTHER OBJECTS AROUND THE ROOT BALL SHALL BE REMOVED.
6. A PLANTING AREA OF TWO TIMES THE DIAMETER OF THE ROOT BALL SHALL BE EXCAVATED. THE DEPTH OF THE EXCAVATION SHALL BE TWO INCHES LESS THAN THE OVERALL HEIGHT OF THE ROOT BALL AS MEASURED FROM THE ROOT FLAIR ON THE TRUNK TO THE BOTTOM OF THE ROOT BALL.
7. ALL EXCAVATED MATERIAL SHALL BE DEPOSITED AT AN APPROVED SITE.
8. WHEN BACK FILLING TREES, GROWING MEDIUM SHALL BE WORKED IN TO AVOID ANY AIR POCKETS. CARE MUST BE TAKEN NOT TO COMPACT GROWING MEDIUM EXCESSIVELY.
9. THE BEGINNING OF THE ROOT FLAIR SHALL BE SET TWO INCHES ABOVE FINAL GRADE.
10. WATER SHALL BE APPLIED AS SOIL CONDITIONS DICTATE.
11. ALL TREE TRUNKS SHALL BE FREE FROM ANY INJURY OR DAMAGE.
12. ALL TREES SHALL HAVE A SINGLE CENTRAL DOMINANT LEADER.
13. TREES SHALL NOT BE STAKED OR GUIED UNLESS DICTATED BY THE TREE WARDEN.
14. THE DEPTH OF ALL MULCH SHALL NOT EXCEED MORE THAN TWO INCHES.
15. ALL TAGS, RIBBONS, OR OTHER MARKINGS SHALL BE REMOVED.
16. NO PRUNING SHALL BE PERFORMED UNLESS DIRECTED BY THE TREE WARDEN.
17. NO FERTILIZERS OR WATER POLYMERS SHALL BE APPLIED AT PLANTING.

STREET TREE PLANTING SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	NOTES
TREES						
ZESE	2	Zelkova serrata 'Village Green'	Village Green Zelkova	3" cal.	B&B	PLANT AS SHOWN

REFERENCES:
THIS PLAN REFERS TO THE FOLLOWING:
1. PLAN ENTITLED "PROPERTY & TOPOGRAPHIC SURVEY, LAND OF JOHN SULLIVAN, #73 MILLER ROAD, SOUTH WINDSOR, CONNECTICUT" DATED 10-1-21 PREPARED BY DESIGN PROFESSIONALS, INC.

GRADING PLAN NOTES:
1. "CALL BEFORE YOU DIG" - CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF PENDING EXCAVATION BY CALLING 811 AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING EXCAVATION.
2. ALL PROPOSED PAVEMENT SPOT ELEVATIONS INDICATE TOP OF PAVEMENT. TOP OF CURB ELEVATIONS SHALL BE SIX INCHES ABOVE THE ADJACENT PAVEMENT ELEVATION UNLESS NOTED OTHERWISE.
3. THIS PLAN SHALL BE USED FOR GRADING & DRAINAGE PURPOSES ONLY
4. REFER TO NOTES SHEET FOR GRADING & DRAINAGE NOTES
5. AT THE TIME OF THE BUILDING PERMIT, DETAILS OF THE RAIN GARDENS, INCLUDING THE PROPOSED PLANTINGS, SHALL BE SHOWN ON THE PLOT PLAN SUBMITTED.

EROSION & SEDIMENTATION CONTROL MAINTENANCE AND INSPECTION PROGRAM (WEEKLY CONSTRUCTION REPORTS):

PER RECOMMENDATIONS MADE IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL PLAN, THE CONTRACTOR SHALL MAINTAIN WEEKLY REPORTS ON THE CONDITION OF ALL EROSION CONTROL MEASURES AND MAKE THEM AVAILABLE UPON REQUEST OF OWNER, LOCAL AUTHORITY HAVING JURISDICTION, OR ENGINEER. IN THE EVENT OF A MAJOR RAINSTORM, (0.5 INCHES OR GREATER) REPORTS SHALL BE PREPARED WITHIN 24 HOURS OF SAID EVENT.

EROSION & SEDIMENTATION CONTROL NARRATIVE

1. PRIOR TO THE START OF CONSTRUCTION, ALL EROSION CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THESE PLANS.
2. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHOWN ON THESE PLANS. THIS RESPONSIBILITY INCLUDES IMPLEMENTATION AS WELL AS MAINTENANCE. ANY PROPOSED CHANGES TO THIS PLAN MUST BE APPROVED BY THE ENGINEER AND/OR THE LOCAL AUTHORITY HAVING JURISDICTION.
3. CONSTRUCTION ACCESS SHALL BE INSPECTED REGULARLY TO ENSURE PROPER OPERATION. STONE SHALL BE ADDED OR REPLACED AS REQUIRED.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADJACENT ROADWAYS, (BOTH PUBLIC & COMPLETED PORTIONS OF THE PROJECT) FREE FROM ACCUMULATED DUST AND DIRT. STREETS SHALL BE SWEEPED CLEAN AT ALL TIMES.
5. AREAS WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, SHALL BE STABILIZATION WITH FINAL VEGETATION WITHIN 7 DAYS. AREAS TO BE LEFT BARE FOR MORE THAN 30 DAYS SHALL BE TREATED WITH AIR DRIED WOOD CHIP MULCH (6 CYDS / 1000 S.F.) OR SEEDED WITH PERENNIAL RYE-GRASS UNTIL FINAL GRADING AND STABILIZATION TAKES PLACE. WINTER STABILIZATION SHALL INCLUDE MULCH/STRAW OR HAY APPLIED AT THE SAME RATE WITH A TACKIFIER PER RECOMMENDATIONS MADE IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
6. ALL DISTURBED SLOPES EXCEEDING A 3:1 SLOPE SHALL IMMEDIATELY RECEIVE MULCH AND TEMPORARY SEEDING IN ACCORDANCE WITH THE FOLLOWING APPLICATION RATES:

MULCH:	RATE:
STRAW	90# / 1000 S.F.

TEMPORARY SEEDING: RATE:
PERENNIAL RYEGRASS 1.0# / 1000 S.F.
7. CONTRACTOR SHALL CLEAN CATCHBASIN SUMPS, DIVERSION SWALES, & TEMPORARY SETTLING SUMPS AS REQUIRED DURING CONSTRUCTION.
8. DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL MANAGE STORMWATER RUNOFF SO THAT NO DIRECT DISCHARGE OF RUNOFF THAT CONTAINS SUSPENDED PARTICLES, FLOWS INTO RECEIVING WATERS. RUNOFF SHALL BE DIRECTED INTO TEMPORARY SEDIMENT SUMPS AND TREATED.
9. AT NO TIME DURING THE CONSTRUCTION EFFORT SHALL THERE BE ANY OPEN AND DISTURBED AREA GREATER THAN 5 ACRES WITHOUT SILT FENCE PERIMETER OF SET AREA.
10. AFTER ALL SITE WORK IS COMPLETED, INCLUDING THE SPREADING OF TOPSOIL AND SEEDING, THE CONTRACTOR SHALL CLEAN ANY SILT OR DEBRIS FROM ALL STORM DRAINAGE STRUCTURES AND CULVERTS.
11. AT ALL TIMES DURING THE CONSTRUCTION EFFORT, THE CONTRACTOR SHALL HAVE AVAILABLE THE APPROPRIATE EQUIPMENT FOR WATER APPLICATION FOR THE PURPOSES OF ALLAYING DUST. APPLY WATER, SUITABLE MATERIALS, OR COVERS TO MATERIAL STOCKPILES AND OTHER SURFACES THAT CAN GIVE RISE TO AIRBORNE PARTICULATE MATTER. COVER, WHILE IN MOTION, OPEN-BODIED TRUCKS OR OPEN-BODIED TRAILERS. MINIMIZE THE VOLUME OF WATER SPRAYED FOR CONTROLLING DUST AS TO PREVENT THE RUNOFF OF WATER. NO DISCHARGE OF DUST CONTROL WATER SHALL CONTAIN OR CAUSE A VISIBLE OIL SHEEN, FLOATING SOLIDS, VISIBLE DISCOLORATION, OR FOAMING IN THE RECEIVING STREAM.
12. THE DEVELOPER SHALL ENSURE THAT CONSTRUCTION ACTIVITIES COMPLY WITH THE NOISE ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
13. THE CONTRACTOR SHALL EXCAVATE A PIT TO BE DESIGNATED AS A WASHOUT AREA FOR CONCRETE, PAINT, AND OTHER MATERIALS. THIS AREA SHALL BE CLEARLY FLAGGED AND CONSTRUCTED TO BE ENTIRELY SELF-CONTAINED. THIS AREA SHALL BE OUTSIDE OF ANY BUFFERS AND AT LEAST 50 FEET FROM ANY STREAM, WETLAND, OR OTHER SENSITIVE SOURCE. DUMPING OF LIQUID WASTES IN STORM SEWERS IS PROHIBITED. THE WASHOUT AREA SHALL BE INSPECTED AT LEAST ONCE A WEEK TO ENSURE STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY, AND TO CHECK FOR LEAKS AND OVERFLOWS. ACCUMULATED DEBRIS SHOULD BE REMOVED ONCE THE WASHOUT AREA REACHES HALF WAY FULL OR IS DEEMED NECESSARY TO AVOID OVERFLOWS. REMOVE AND DISPOSE OF HARDENED CONCRETE WASTE CONSISTENT WITH PRACTICES DEVELOPED FOR THE WASTE DISPOSAL.
14. THE CONTRACTOR SHALL DESIGNATE A WASTE DISPOSAL AREA FOR TEMPORARY STORAGE OF MATERIALS TO BE REMOVED FROM THE SITE. THE DESIGNATED WASTE AREA SHALL BE SELECTED AS TO MINIMIZE TRUCK TRAVEL THROUGH THE SITE. THE AREA WILL NOT DRAIN DIRECTLY TO ADJACENT WETLANDS. PICKUPS SHALL BE SCHEDULED REGULARLY TO PREVENT THE CONTAINERS FROM OVERFILLING. SPILLS SHALL BE CLEANED UP IMMEDIATELY. DEFECTIVE CONTAINERS THAT MAY CAUSE LEAKS OR SPILLS WILL BE IDENTIFIED THROUGH REGULAR INSPECTION. ANY FOUND TO BE DEFECTIVE WILL BE REPAIRED OR REPLACED IMMEDIATELY. ANY STOCKPILING OF MATERIALS SHOULD BE CONFINED TO THE DESIGNATED AREA AS DEFINED BY THE CONTRACTOR.
15. ALL CHEMICAL AND PETROLEUM PRODUCT CONTAINERS STORED ON THE SITE (EXCLUDING THOSE CONTAINED WITHIN VEHICLES AND EQUIPMENT) SHALL BE PROVIDED WITH IMPERMEABLE CONTAINMENT WHICH WILL HOLD AT LEAST 110% OF THE VOLUME OF THE LARGEST CONTAINER, OR 10% OF THE TOTAL VOLUME OF ALL CONTAINERS IN THE AREA, WHICHEVER IS LARGER, WITHOUT OVERFLOW FROM THE CONTAINMENT AREA. ALL CHEMICALS AND THEIR CONTAINERS SHALL BE STORED UNDER A ROOFED AREA EXCEPT FOR THOSE CHEMICALS STORED IN CONTAINERS OF 100 GALLON CAPACITY OR MORE, IN WHICH CASE A ROOF IS NOT REQUIRED. DOUBLE-WALLED TANKS SATISFY THIS REQUIREMENT.
16. CONTRACTOR SHALL COORDINATE WITH THE PROPER AGENCIES FOR RELOCATION OF ANY UTILITIES OR SIGNS.
17. IF REQUIRED, AN APPROVED EROSION CONTROL BOND SHALL BE PREPARED BEFORE THE START OF ANY CONSTRUCTION ACTIVITY.
18. FROZEN MATERIAL SHALL NOT BE USED FOR FILL NOR SHALL FILL BE PLACED OR COMPACTED ON FROZEN GROUND.

PROPOSED UNDERGROUND UTILITIES

- | | |
|--------|---------------------------|
| — EU — | Electric & Communications |
| — WS — | 1" Domestic Water Supply |
| — GS — | Natural Gas |
| — FD — | 6" PVC Foundation Drain |
| — SS — | Sanitary Sewer |

21 EFFEY DRIVE
P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-291-9797 — F —
www.designprofessionals.com

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PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR
Jacques Construction
67 Ridge Road
South Windsor, CT 06074

PROJECT NO.
4736

DATE
11/22/21

SCALE
1" = 30'

**MILLER HEIGHTS
SUBDIVISION**

73 MILLER ROAD
SOUTH WINDSOR, CT

BY

NO.

DATE

REVISIONS

SITE PLAN

SHEET
C-GD1
SHEET 3 OF 5

CONSTRUCTION NOTES:

1. At least two full business days prior to starting any site activity or demolition, the contractor shall contact the applicable state utility location service by dialing 811 or submitting an online ticket request. The utilities shall be marked in all areas of proposed disturbance.

2. It is the contractor's responsibility to review all construction contract documents associated with the project scope of work, including, but not limited to, all drawings and specifications, architectural plans, boundary and topographic survey, wetlands assessment and reports, geotechnical reports, environmental reports, and approval conditions, prior to the commencement of construction. Should the contractor find conflict and/or discrepancy between the documents relative to the plans, specifications, reports, or the relative or applicable codes, regulations, laws, rules, statutes and/or ordinances, it is the contractor's sole responsibility to notify the Engineer, in writing, of said conflict and/or discrepancy prior to the start of construction.

3. The contractor shall be responsible for adhering to any conditions of approval placed on the project by the authorities having jurisdiction.

4. The contractor must comply, to the fullest extent, with the latest Occupational Safety and Health (OSHA) standards and regulations, and/or any other agency with jurisdiction for construction activities. The contractor is solely responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with work on the Project. The Engineer will not be responsible for the contractor's safety, schedules, or failure to carry out its work in accordance with the contract documents. The Engineer will not have control over or charge of acts or omissions of the contractor, subcontractors, or their agents or employees, or of any persons performing portions of work on the Project.

5. Contractor must notify the Engineer in writing if there are any questions concerning the accuracy or intent of these plans or related specifications. If such notification is given, no demolition or site activity may begin until such time that the Engineer provides a written response to same.

6. Contractor shall adhere to and is responsible for compliance with all details, notes, plans and specifications contained herein. It is the responsibility of the contractor to ensure that all work performed by their subcontractors is in full compliance with these requirements.

7. The contractor shall confirm that they are in receipt of the current version of the referenced documents prior to the commencement of any work.

8. Prior to commencing work, the contractor shall review and correlate all consultants plans and specifications including the entire site plan and the latest architectural plans (including, but not limited to, structural, mechanical, electrical, plumbing, and fire suppression plans, where applicable), in particular for building utility connection locations, grease trap requirements/ details, door access, and exterior grading. Contractor must immediately notify the Architect and the Engineer, in writing, of any conflicts, discrepancies or ambiguities which exist, and receive a written resolution prior to commencing construction.

9. Prior to commencing work, contractor is required to secure all necessary and/or required permits and approvals for the construction of the project, including, but not limited to, demolition work, and all off site material sources and disposal facilities. Copies of all permits and approvals shall be maintained on site throughout the duration of the project. The contractor shall thoroughly review and understand all permits and permit conditions prior to fabrication of any materials or products to be used as part of the project.

10. The contractor is responsible for independently verifying all existing onsite utilities within and adjacent to the limits of the project activities. Underground utility, structure and facility locations depicted and noted on the plans have been compiled, in part, from record mapping supplied by the respective utility companies or governmental agencies, from parcel testimony, and from other sources. These locations must be considered as approximate in nature. Additionally, other such features may exist on the site, the existence of which are unknown to the Engineer.

11. The contractor is responsible for ensuring the installation of all improvements comply with all requirements of utility companies with jurisdiction and/or control of the site.

12. Locations of all existing and proposed services are approximate. Final utility service sizes and locations, including, but not limited to, the relocation and/or installation of utility poles, or the relocation and/or installation of transformers, are at the sole discretion of the respective utility companies.

13. Prior to commencement of any work, the contractor shall independently coordinate and confirm with the appropriate utility companies to finalize all utility services and/or relocations to ensure no conflict with the design plans and that proper depths can be achieved. All discrepancies must immediately be reported to the Engineer in writing. Should a conflict arise due to the final designs of the utility company, the contractor shall notify the Engineer in writing and await a written resolution prior to proceeding with further utility installations.

14. Prior to commencing construction, the contractor shall field verify all existing conditions, topographic information, utility invert elevations, and proposed layout dimensions, and must immediately notify the Engineer in writing if actual site conditions differ or are in conflict with the proposed work. No extra compensation will be paid to the contractor for work which has to be redone or repaired due to dimensions or grades shown incorrectly on these plans unless the contractor receives written permission from Owner/developer giving authorization to proceed with such additional work.

15. Where utilities are proposed to cross/traverse existing underground utilities, the elevations of the existing utilities shall be verified in the field prior to construction by excavating a test pit at the proposed utility crossing point. Should the field verified existing utility be in conflict with the proposed site designs, the contractor shall notify the Engineer in writing and shall not proceed with said utility construction until further direction is given from the Engineer.

16. At least 72 hours prior to starting any site activity or demolition, the contractor shall notify, at a minimum, the building official, the engineering department of public works, planning and zoning commission, the Engineer, and local inland wetland commission, as applicable. The contractor shall also attend a pre-construction meeting with the local municipality, if required, prior to commencing any site activity or demolition.

17. Prior to starting any site activity or demolition, the contractor shall implement the soil erosion and sediment control measures as noted on the plans. Refer to the Erosion and Sedimentation Control Notes.

18. No work, including but not limited to tree clearing, beyond the limits of disturbance shown shown on the approved plans shall be completed without approval. No trees and/or vegetation outside the limits shown on the drawings shall be removed. Any items desired to be removed outside the limits shown must be approved in writing by the engineer and the local authorities having jurisdiction. All equipment and construction activities must be confined to the property, right-of-way, and designated work space.

19. The demolition plan or existing features designated to be removed are intended to provide only general information regarding items to be demolished and/or removed. The contractor shall review all site plans (and architectural drawings as applicable) to assure that all demolition activities and incidental work necessary for the construction of the new site improvements are completed.

20. The contractor shall protect and maintain the operation and service of all active utilities and systems that are not being removed during all construction activities. Should a temporary interruption of utility services be required as part of the proposed construction activities, the contractor shall coordinate with
- appropriate utility companies and the affected end users to minimize impact and service interruption.

21. The contractor shall arrange for and coordinate with the appropriate utility companies for all services that require temporary or permanent termination for the project, whether shown on the site plans or not. Termination of utilities shall be performed in compliance with all local, state and/or federal regulations.

22. Contractor must prepare record drawings depicting the location of existing utilities that are capped, abandoned in place, or relocated and provide to the Owner and the Engineer of record.

23. Should hazardous material be discovered/encountered, which was not anticipated/addressed in the project plans and specifications, cease all work immediately and notify Owner and Engineer regarding the discovery of same. Do not continue work in the area until written instructions are received from an environmental professional.

24. The contractor is responsible for preventing movement, settlement, damage, or collapse of existing structures, and any other improvements that are to remain. If any existing structures that are to remain are damaged during construction, repairs shall be made using new product/materials resulting in a pre-damage condition, or better. Contractor is responsible for all repair costs. Contractor shall document all existing damage and to notify the Owner prior to the start of construction.

25. The use of explosives, if required, must comply with all local, state and federal regulations. The contractor shall obtain all permits that are required by the federal, state and local governments, and shall also responsible for all notification, inspection, monitoring or testing as may be required.

26. All debris from removal operations must be removed from the site at the time of excavation. Stockpiling of demolition debris will not be permitted. Debris shall not be burned or buried on site. All demolition materials to be disposed of, including, but not limited to, stumps, limbs, and brush, shall be done in accordance with all municipal, county, state, and federal laws and applicable codes. The contractor must maintain records of all disposal activities.

27. The contractor is responsible for repairing all damage to any existing utilities during construction, at its own expense.

28. All property monumentation shall be protected during construction. It is the contractor's sole responsibility to protect all property monumentation. If monumentation is disturbed, it is the contractor's responsibility to have a licensed land surveyor in the State of Connecticut replace the monumentation to town or state standards.

29. All new utilities/services, including electric, telephone, cable tv, etc., are to be installed underground unless noted otherwise on the plans. The Contractor shall be responsible for installing all new utilities/services in accordance with the utility/service provider's written installation specifications and standards.

30. All earthwork activities must be performed in accordance with these plans and specifications and the recommendations set forth in the geotechnical report completed for this project. In the absence of a geotechnical report, all earthwork activities must comply with the standard state Department of Transportation (DOT) specifications (latest edition) and any amendments or revisions thereto. All earthwork activities must comply all applicable requirements, rules, statutes, laws, ordinances and codes for the jurisdictions where the work is being performed.

31. The contractor is responsible for removing and replacing unsuitable materials with suitable materials. All excavated or filled areas must be properly compacted. Moisture content at time of placement must be submitted in a compaction report prepared by a qualified geotechnical engineer, licensed in the state where the work is performed, verifying that all filled areas and subgrade areas within the building pad area and areas to be paved have been compacted in accordance with these plans, specifications and the recommendations. Subbase material for building pads, sidewalks, curb, or asphalt must be free of organics and other unsuitable materials. Should subbase be deemed unsuitable by Owner/developer or Owner/developer's representative, subbase is to be removed and filled with suitable material and properly compacted at the contractor's expense. All fill, compaction, and backfill materials required for utility installation must be coordinated with the applicable utility company specifications. The Engineer shall have no liability or responsibility for or as related to fill, compaction, backfill, or the balancing of earthwork.

32. Pavement must be saw cut into straight lines and must extend to the full depth of the existing pavement, except for edge of butt joints.

33. The tops of existing manholes, inlet structures, and sanitary cleanout tops must be adjusted as necessary, to match proposed grades.

34. Where retaining walls (whether or not they meet the jurisdictional definition) are identified on plans, elevations identified herein are for the exposed portion of the wall. Wall footings/foundation elevations are not identified herein and are to be set/determined by the contractor based on final structural design shop drawings prepared by an appropriate professional licensed in the state where the construction occurs.

35. Unless indicated otherwise or required by the authority having jurisdiction, all pipes shall be as follows:

Reinforced Concrete pipe (RCP) shall meet the requirements of AASHTO M 170 Class IV with silt tight joints.

High-Density Polyethylene pipe (HDPE) shall conform to AASHTO M 294, Type S (smooth interior with angular corrugations) with gaskets for silt tight joints.

Polyvinyl chloride (PVC) pipe for roof drain connections shall be SDR 35 gasket pipe. Polyvinyl Chloride (PVC) pipe for sanitary sewer pipe shall be SDR 35 gasket pipe.

36. Storm sewer pipe lengths indicated are approximate and measured to the inside of inlet and/or manhole structure. Sanitary sewer pipe lengths indicated are approximate and measured to center of inlet and/or manhole structure to center of structure.

37. Stormwater roof drain locations are approximate and are based on preliminary architectural plans. Contractor is responsible for reviewing and coordinating the final architectural plans to verify final locations and sizes of all roof drains.

38. Sewers crossing streams and/or location within 10 feet of the stream embankment, or where site conditions so indicate, must be constructed of steel, reinforced concrete, ductile iron or other suitable material. Sewers conveying sanitary flow, combined sanitary and stormwater flow or industrial flow must be separated from water mains by a distance of at least 10 feet horizontally. If such lateral separations are not possible, the pipes must be in separate trenches with the sewer at least 18 inches below the bottom of the water main, or such other separation as approved by the agency with jurisdiction over same. Where appropriate separation from a water main is not possible, the sewer must be encased in concrete, or constructed of ductile iron pipe using mechanical or slip-on joints for a distance of at least 10 feet on either side of the crossing. In addition, one full length of sewer pipe should be located so both joints will be as far from the water line as possible. Where a water main crosses under a sewer, adequate structural support for the sewer must be provided.

39. Contractor's price for water service must include all fees, costs and appurtenances required by the utility to provide full and complete working service.

40. Contractor must contact the applicable water company to confirm the proper water meter and vault, prior to commencing construction. Water main and

water service piping shall be installed in accordance with the requirements and specifications of the water authority having jurisdiction. In the absence of such specifications, water main piping must ductile iron (DI) minimum Class 54. All work and materials must comply with the applicable American Water Works Association (AWWA) standards in effect at the time of the service application.

41. The contractor shall ensure that all work located in existing pavement be repaired in accordance with municipal, county and/or DOT details as applicable. Contractor is responsible to coordinate the permitting, inspection and approval of completed work with the agency having jurisdiction over the proposed work.
42. Where sump pumps are installed, all discharges must be connected to the storm sewer or discharged to an approved location.
43. For single and multi-family residential projects, spot elevation(s) adjacent to the buildings are schematic for non-specific building footprints. Grades must be adjusted based on final architectural plans and shall provide a minimum of six (6) inches below top of foundation/concrete and/or six (6) inches below the facade treatment, whichever is lower, and must provide positive drainage away from the structure (minimum of 2%). All areas shall be graded to preclude ponding adjacent to buildings, and on or adjacent to walks/driveways leading to the buildings. All construction, including grading, must comply with all applicable building codes, local, state and federal requirements, regulations and ordinances.
44. Contractor shall maintain and control traffic on and offsite in conformance with the current Federal Highway Administration (FHWA) "Manual on Uniform Traffic Control Devices" (MUTCD), and the federal, state, and local regulations for all aspects of demolition and site work. If a Maintenance of Traffic Plan is required for work that affects public travel either on or offsite, the contractor shall be responsible for the cost and implementation of said plan.
45. All temporary and permanent onsite and offsite signage and pavement markings shall conform to MUTCD, ADA, state DOT, and/or local approval requirements.
46. Contractor shall prevent the emission of dust, sediment, and debris from the site, and shall be responsible for corrective measures such as street sweeping, and clean-up work as deemed necessary by the Engineer or the authority having jurisdiction.
47. All concrete must be air entrained with a minimum compressive strength of 4,000 psi at 28 days unless otherwise specified on the plans, details and/or geotechnical report.
48. The Engineer will review contractor submittals which the contractor is required to submit, but only for the sole purpose of checking for general conformance with the intent of the design and contract documents. The Engineer is not responsible for any deviations from the construction documents unless contractor received explicit direction to do so, in writing, from the Engineer. The contractor remains responsible for details and accuracy, for confirming and correlating all quantities and dimensions, and for techniques of assembly and/or fabrication processes.
49. All dimensions are to face of curb, edge of pavement, or edge of building, unless noted otherwise.
50. The contractor shall install and/or construct all aspects of the project in strict compliance with and accordance with manufacturer's written installation standards, recommendations and specifications.
51. All pumped discharge must utilize silt-soc or approved equal. Monitor to ensure dewatering activities do not cause erosion downstream. Stabilize area utilizing winter stabilization if appropriate for season of construction. Dewatering activities shall be completed in accordance with the 2002 CT Guidelines for Soil Erosion and Sediment Control.

AMERICANS WITH DISABILITY ACT NOTES TO CONTRACTOR:

The contractor shall review the proposed construction with the local building official prior to the start of construction. Contractors shall be precise in the construction of Americans with Disabilities Act (ADA) accessible parking, components, and accessible routes for the project. These components shall comply with all applicable state and local accessibility laws and regulations and the current ADA regulations and construction standards. These components include, but are not limited to the following:

- Parking spaces and parking aisles shall not exceed a 1:50 (nominally 2.0%) slope in any direction.

Accessible routes shall be a minimum of 36" wide (unobstructed). Handrails and car overhangs may not obstruct these areas. Longitudinal slopes (direction of travel) shall not exceed 1:20 (5.0%) and shall have a cross slope no greater than 1:50 (2.0%).

Accessible routes exceeding 1:20 (5.0%) shall be considered a "ramp". Maximum slopes of a ramp shall be 1:12 (8.3%) in the direction of travel, and a cross slope of 1:50 (2.0%). Ramps shall have maximum rise of thirty (30) inches, shall be equipped with hand rails on both sides, and landings at the top and bottom of the ramp. Landings shall not exceed 1:50 (2.0%) in any direction and have positive drainage away from the landing.

A landing shall be provided at the exterior of all doors and at each end of ramps. Landings shall not exceed 1:50 (2.0%) in any direction and have positive drainage away from the landing and/or building. The landing shall be no less than 60 inches long unless permitted otherwise per the ADA regulations.

Curb ramps- shall not exceed a 1:12 (8.3%) slope for a maximum length of six (6) feet or a maximum rise of six (6) inches.

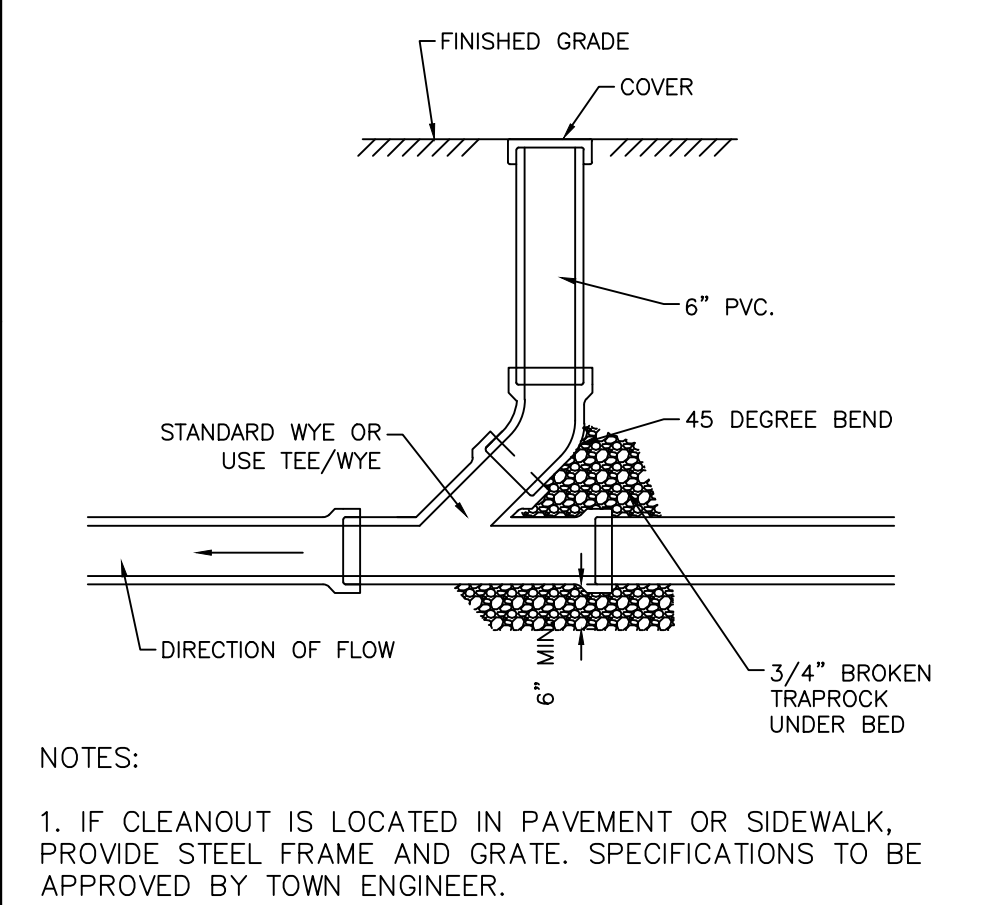
The contractor shall verify all existing elevations shown on the plan in areas of existing doorways, accessible routes or other areas where re-construction is proposed. The contractor shall immediately notify the Owner and Engineer in writing if any of the proposed work intended to meet ADA requirements is incapable of doing so, or if there is any ambiguity regarding which design components are intended to meet ADA requirements. The contractor shall not commence the work in the affected area until receiving written resolution from Engineer.

PROPERTY OWNER:
JACQUES CONSTRUCTION LLC
67 RIDGE RD
SOUTH WINDSOR, CT 06074

APPLICANT:
JOHN JACQUES
JACQUES CONSTRUCTION, LLC
67 RIDGE RD
SOUTH WINDSOR, CT 06074
(860) 305-1861

LEGEND

EXISTING	DESCRIPTION	PROPOSED
BORINGS		
	BORING / TEST PIT LOCATION	
COMMUNICATION		
--- C _u ---	UNDERGROUND COMMUNICATION LINES	--- C ---
DOMESTIC WATER		
--- W _u ---	WATER MAIN	--- W ---
--- WS _u ---	WATER SERVICE	--- WS ---
--- F _u ---	FIRE SERVICE LINE	--- F ---
--- NPW _u ---	NON-POTABLE WATER LINE	--- NPW ---
	WATER VALVE / FIXTURES	
	FIRE HYDRANT	
LIQUID FUEL		
--- LF _u ---	MAIN LIQUID FUEL LINE	--- LF ---
--- LFS _u ---	LIQUID FUEL SERVICE LINE	--- LFS ---
--- L _u ---	LIQUID FUEL LINE, ABANDONED	
IRRIGATION		
--- I _u ---	IRRIGATION LINES	--- I ---
LIGHTING		
	POLE / GROUND MOUNTED LIGHT	
NATURAL GAS		
--- G _u ---	GAS MAIN	--- G ---
--- GS _u ---	GAS SERVICE LINE	--- GS ---
POWER		
--- E _u ---	ELECTRICAL LINES, OVERHEAD	--- EO ---
--- EL _u ---	ELECTRICAL LINES, UNDERGROUND	--- EU ---
	UTILITY POLE	
PROPERTY		
---	PROPERTY LINE	---
---	EASEMENT LINE	---
	IRON PIPE	
	IRON ROD	
	MONUMENT	
ROADS		
---	GUARD RAIL	---
EROSION CONTROL		
	SILT FENCE	--- SF ---
SITE FEATURES		
	4" DOUBLE SOLID YELLOW LINE	DSYL
	4" SINGLE SOLID WHITE LINE	SSWL
	BIT. CONC. LIP CURB	BCLC
	PRECAST CONCRETE CURB	PCC
SANITARY SEWER		
--- S _u ---	SANITARY SEWER MAIN	--- S ---
--- SS _u ---	SANITARY SEWER SERVICE LINE	--- SS ---
	SANITARY SEWER MANHOLE	
STORM SEWER		
---	STORM DRAIN PIPE	---
--- RL _u ---	ROOF LEADER	--- RL ---
--- UD _u ---	UNDERDRAIN	--- UD ---
	STORM DRAIN MANHOLE	
	CURB INLET	
	CATCH BASIN	
	YARD DRAIN	
TOPOGRAPHY		
--- 95 ---	CONTOUR	
X 61.95	SPOT ELEVATION	
OTHER		
---	RAMP	--- R ---
---	LANDSCAPE AREA	--- LSA ---



ROOF LEADER CLEAN OUT

N.T.S

NOTE:
INSTALLATION OF ELECTRICAL SERVICES SHALL BE IN ACCORDANCE WITH APPLICABLE UTILITY COMPANY REQUIREMENTS AND THE CONNECTICUT BUILDING CODE.

ELECTRIC TRENCH

N.T.S.

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21 EFFEY DRIVE
P.O. BOX 167
SOUTH WINDSOR, CT 06074
860-291-8727 - F
www.designprofessionals.com

design
Professionals
CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS
PLANNERS / LANDSCAPE ARCHITECTS

PREPARED FOR

Jacques Construction
67 Ridge Road
South Windsor, CT 06074

PROJECT NO.
4736

DATE
11/22/21

OWNER BY
JCH

DESIGNED BY
JCH

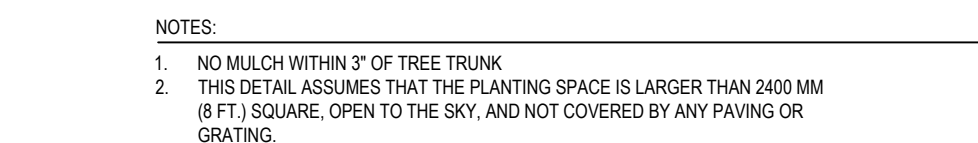
CHECKED BY
JCH

MILLER HEIGHTS
SUBDIVISION

73 MILLER ROAD
SOUTH WINDSOR, CT

NOTES, LEGEND &
DETAILS

SHEET
C-D1
SHEET 4 OF 5



N.T.S

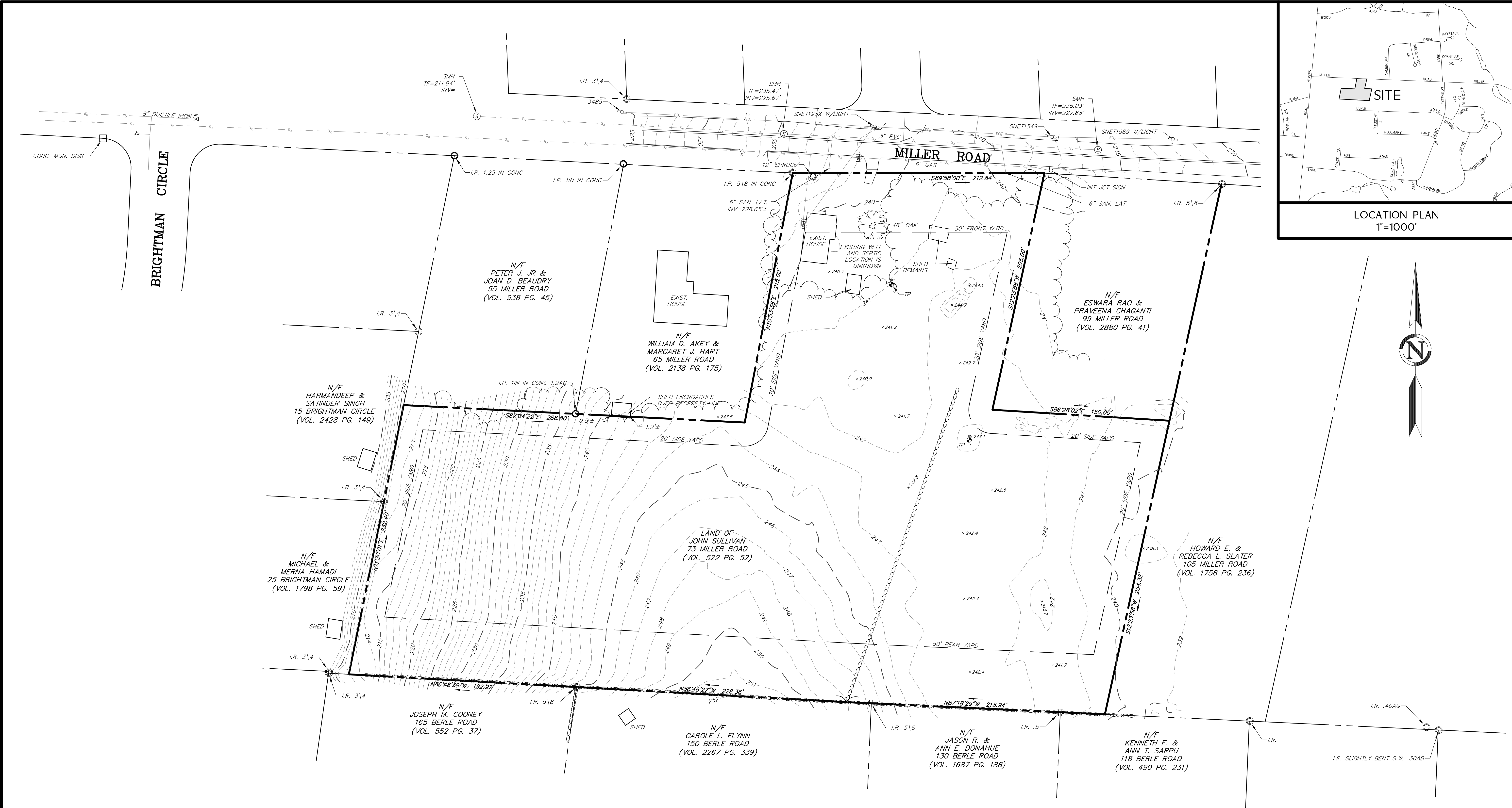


N.T.S.



1. RAINGARDEN SEED MIXTURE:
RAIN GARDEN MIX - ENRMX-180 By Ernst
Conservation Seeds, 9006 Mercer Pike,
Meadville, PA 16335
(800) 873-3321
APPLICATION RATE: 0.50 LBS PER
1,000 S.F., 20 LBS PER ACRE
2. PLANTING SOIL MIXTURE (BY VOLUME) SHALL
BE EQUAL TO:
 - A. BARK MULCH/COMPOST 10%-12%
 - B. COARSE SAND 40-45%
 - C. TOPSOIL 45-50%

APPLICANT:
JOHN JACQUES
JACQUES CONSTRUCTION, LLC
67 RIDGE RD
SOUTH WINDSOR, CT 06074
(860) 305-1861



NOTES:
1. PROPERTY IS IN THE A430 ZONE.
2. PARCEL CONTAINS 196,879 SQUARE FEET OR 4.520 ACRES.
3. HORIZONTAL DATUM IS BASED ON NAD83. VERTICAL DATUM IS BASED ON NAVD83.
4. EXISTING HOUSE IS NON-COMFORMING TO FRONT AND SIDE PROPERTY LINE SETBACKS.
5. PROPERTY IS LOCATED IN FLOOD ZONE "X" AND DOES NOT FALL WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD ZONE AS DEPICTED ON: "FIRM FLOOD INSURANCE RATE MAP NUMBER 09003C0381F TOWN OF SOUTH WINDSOR, CONNECTICUT EFFECTIVE DATE: 9-26-2008 FEDERAL EMERGENCY MANAGEMENT AGENCY FEDERAL INSURANCE ADMINISTRATION.
6. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO DESIGN PROFESSIONALS, INC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" FOR UNDERGROUND UTILITY MARKING AT LEAST TWO FULL WORKING DAYS PRIOR TO START OF CONSTRUCTION: 1-800-922-4455 OR WWW.CBYD.COM.

MAP REFERENCES:

1. IMPROVEMENT LOCATION SURVEY SHOWING EXISTING CONDITIONS ALONG WITH A PROPOSED DRIVEWAY EASEMENT AREA ON #125 MILLER ROAD DAVID R. BURNETT #125 & 133 MILLER ROAD SOUTH WINDSOR, CONNECTICUT SCALE 1"=40' DATED: 7-9-2013 REV. 4-5-2014 BY: E.B. HARVEY, JR. & SONS, INC.
2. OAK GROVE ACRES SECTION NO. 1 OWNER & DEVELOPER CARLO PRESTILO BERLE ROAD & CHRISTINE LANE - SOUTH WINDSOR, CONN. SCALE 1"=40' DATED: 4-20-71 BY: HATDEN L. GRISWOLD
3. RESURVEY PREPARED FOR BRIGHTMAN CIRCLE MILLER ROAD & NEVERS ROAD SOUTH WINDSOR, CONNECTICUT DATED: 10-27-04 REV. THROUGH 10-18-05 BY: DESIGN PROFESSIONALS, INC.
4. PROPERTY OF THE MARY SEDGWICK ESTATE MILLER ROAD SOUTH WINDSOR SCALE 1"=40' DATED: AUG. 1965 BY: WILLIAM J. CARRINGTON

SURVEY NOTES:

THIS SURVEY AND MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-302b-1 THRU 20-302b-20 AND THE "STANDARDS SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019.

- TYPE OF SURVEY IS A PROPERTY & TOPOGRAPHIC SURVEY AND IS INTENDED TO DEPICT THE LOCATION OF EXISTING CONDITIONS RELATIVE TO PROPERTY LINES.
- THIS IS AN INDEPENDENT RESURVEY BASED ON DEEDS AND REFERENCED MAPS.
- HORIZONTAL ACCURACY MEETS CLASS A-2 STANDARDS. VERTICAL ACCURACY MEETS CLASS V-2 STANDARDS. TOPOGRAPHICAL ACCURACY MEETS CLASS 1-2 STANDARDS.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

BARRY D. CLARKE, L.S.

16766
LIC. NO.

PROPERTY & TOPOGRAPHIC SURVEY

NO. DATE REVISIONS BY

BY

LAND OF JOHN SULLIVAN

#73 MILLER ROAD SOUTH WINDSOR, CONNECTICUT

PREPARED FOR:

JOHN JACQUES

JACQUES CONSTRUCTION, LLC

67 RIDGE ROAD SOUTH WINDSOR, CT 06074

(860) 432-1823

PROJECT NO.

4736

DESIGN BY:

10-1-21

DRAWN BY:

BARRETT

CHECKED BY:

LEG

SCALE: 0 20' 40'

1" = 40'

SHEET

V-1

design professionals

CIVIL & TRAFFIC ENGINEERS / PLANNERS / SURVEYORS

CIVIL ANALYSTS / LANDSCAPE ARCHITECTS

21 JEFFREY DRIVE

P.O. BOX 1167

SOUTH WINDSOR, CT 06074

860-291-4757

860-291-4757

www.designprofessionalsinc.com

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