

GRAZ Engineering, L.L.C.



323 West Lake Road • Fitzwilliam, NH 03447 • Telephone (603) 585-6959 • Fax (603) 585-6960

Transmittal

To: Conservation Commission **Subject:** Parker Street (North) Definitive Subdivision
Company: Town of Leicester **NOI Revised Plans**
Address: 3 Washburn Square **Date:** September 13, 2021
City/State: Leicester, MA 01524 **Transmitted:** ☐ Mail ☒ Email ☒ Hand

- | | |
|--|---|
| <input checked="" type="checkbox"/> For Your Approval | <input checked="" type="checkbox"/> Which You requested |
| <input checked="" type="checkbox"/> For Your Review | <input type="checkbox"/> Approved |
| <input type="checkbox"/> For Your Signature | <input type="checkbox"/> Approved As Noted |
| <input checked="" type="checkbox"/> For Your Information | <input type="checkbox"/> Revise And Resubmit |
| <input type="checkbox"/> For Your Files | <input type="checkbox"/> Not Approved |

1 **copy** **Parker Street (North) Definitive Subdivision Plans – dated 09/08/21, Sheets 1-8, (24x36)**

1 **email** **PDF Digital Copy of Revised Plans**

_____ **copy** _____

_____ **copy** _____

Comments: Enclosed are the revised plans for the Parker Street (North) Definitive Subdivision NOI submittal prepared for Schold Development, LLC (Matt Schold) for the property located on the existing portion of Parker Street located off from Pine Street and being depicted on Assessors Map 42 as Parcels A1.0 & B1.0. We would note that this submittal includes the revised plans, in particular the revised horizontal location adjustment of the proposed infiltration basin in order to meet the required groundwater offset. There were no changes to the stormwater & hydrology computations and report.

I trust that these revised plans will assist the Commission in their review and subsequent approval of an Order of Conditions for this project.

Should you have any questions or require any additional information, please call my cell at 508-769-9084.

Respectfully yours,
GRAZ Engineering, L.L.C.

Brian MacEwen, PLS, BSCE
Project Manager

cc: Matt Schold, Applicant/Owner

APPLICANT & OWNER:
SCHOLD DEVELOPMENT, LLC, 77 CHICKERING ROAD, SPENCER, MA 01562

ENGINEER & SURVEYOR:
GRAZ ENGINEERING, L.L.C., 323 WEST LAKE ROAD, FITZWILLIAM, NH 03447

ENVIRONMENTAL CONSULTANT
EBT ENVIRONMENTAL CONSULTING, 2 WELLINGTON ROAD, OXFORD, MA 01540



SCALE: 1" = 750'

LEICESTER PROPERTY

ASSESSORS PARCELS: MAP 42, PARCELS A1.0 & B1.0

LOT ADDRESS: PARKER STREET & 89 PARKER STREET

OWNER OF RECORD: SCHOLD DEVELOPMENT, LLC

LOCUS DEED: *BOOK 60004, PAGE 48*

PLAN REFERENCE: PLAN BOOK 800, PLAN 29 - PARCELS A & C

LEICESTER
SUBURBAN-
AGRICULTURAL (SA)

LOT AREA 80,000 SQ

FRONTAGE & WIDTH 200 FT

FRONT SETBACK 40 FT

SIDE SETBACK 40 FT

REAR SETBACK 40 FT

MAX. BLDG. HEIGHT *35 FT.*

MAX. NO. STORIES 2-1/2

MAX. LOT COVERAGE 30%

ZONING DISTRICT SOURCES:

*TOWN OF LEICESTER ZONING BYLAWS AS ACCEPTED ON MAY 12, 1986
AND AMENDED THROUGH JUNE 2, 2020.*

- TOTAL LAND AREA: ± 3,195,623 SQ. FT. (± 73.36141 ACRES)
- TOTAL LOT AREA: ± 243,802 SQ. FT. (± 5.59693 ACRES)
- REMAINING LAND: ± 2,912,178 SQ. FT. (± 66.85441 ACRES)
- RIGHT-OF-WAY AREA: ± 50,322 SQ. FT. (± 1.15523 ACRES)
- EASEMENT AREA: ± 78,429 SQ. FT. (± 1.80049 ACRES)

1	COVER SHEET	5	PARKER STREET PLAN & PROFILE (SHT 1 OF 2)
2	KEY PLAN AND NOTES	6	PARKER STREET PLAN & PROFILE (SHT 2 OF 2)
3	LOT LAYOUT PLAN	7	CONSTRUCTION NOTES & DETAILS
4	EROSION CONTROL PLAN	8	DRAINAGE DETAILS

LEICESTER PLANNING BOARD WAIVERS REQUESTED



SECTION V.A.2.a - MINIMUM WIDTH OF TRAVELLED WAY, 28' MIN. REQUIRED:
& SECTION V.A.2 TO ALLOW A TRAVELLED WAY WIDTH OF 20'.

SECTION V.A.4.g - MAXIMUM LENGTH OF DEAD-END CUL-DE-SAC, 500' MIN. REQUIRED:
TO ALLOW DEAD-END STREET LENGTH OF 22+05.33' &
RIGHT-OF-WAY LENGTH OF 22+15.33'
BOTH AS MEASURED FROM SOUTHERLY EDGE OF PINE STREET.

SECTION VI.E.3 - STREET LIGHTING SHALL BE REQUIRED.
TO ALLOW STREET LIGHTING TO BE INSTALLED AS STIPULATED IN THE WRITTEN
PLANNING BOARD DECISION AND AS DEPICTED ON THE FINAL APPROVED PLANS.

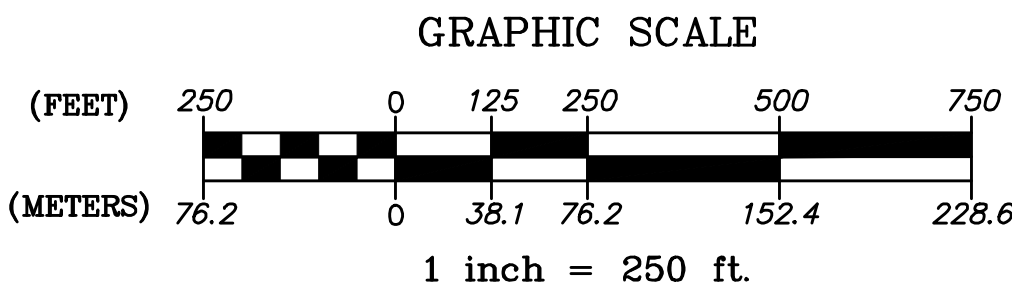
SECTION VI.G.1 - SIDEWALKS SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY.
TO ALLOW FOR NO SIDEWALKS INSTALLATION.

SECTION VI.L - STREET SHADE TREES SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY.
TO ALLOW FOR STREET TREE PLANTINGS TO BE INSTALLED ONLY ON THE WESTERLY
SIDE OF THE PROPOSED ROADWAY AS DEPICTED ON THE FINAL APPROVED PLANS
AND AS STIPULATED IN THE CONDITIONS OF THE WRITTEN PLANNING BOARD DECISION.

FOR REGISTRY USE ONLY	THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET THE REGISTRY OF DEEDS REQUIREMENTS AND ARE NOT A CERTIFICATION TO THE TITLE OR OWNERSHIP OF THE PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE SHOWN ACCORDING TO THE CURRENT TOWNS OF LEICESTER & SPENCER ASSESSOR'S RECORDS. I CERTIFY THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS. CONDITIONS OF APPROVAL ARE CONTAINED IN THE WRITTEN DECISION OF THE PLANNING BOARD ENTITLED, "CERTIFICATE OF APPROVAL OF A DEFINITIVE SUBDIVISION PLAN", DATED _____, 2019 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS IN BOOK _____, PAGE _____. THE CONSTRUCTION OF WAYS AND INSTALLATION OF SERVICES SHOWN ON THIS PLAN ARE SECURED BY WAY OF A COVENANT, DATED _____ TO BE RECORDED HEREWITH. APPROVAL OF THE LEICESTER PLANNING BOARD IS FOR ____ YEARS ONLY. IN THE EVENT THE WAYS AND SERVICES SHOWN ON THIS PLAN ARE NOT CONSTRUCTED AND INSTALLED WITHIN ____ YEARS FROM THE DATE OF ENDORSEMENT, THE BOARD'S APPROVAL IS RESCINDED, AND THIS PLAN IS AND SHALL BE NULL AND VOID.		<h3 style="text-align: center; margin: 0;">CERTIFICATE OF NO APPEAL</h3> <p>THIS IS TO CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE LEICESTER PLANNING BOARD WAS RECEIVED AND RECORDED AT THIS OFFICE ON _____ AT _____ AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.</p> <p>TOWN CLERK — LEICESTER _____</p> <p>DATE _____</p>	<p style="text-align: center;">APPROVED UNDER THE SUBDIVISION CONTROL LAW PLANNING BOARD OF LEICESTER</p> <p>DATE: _____</p>	
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GENERAL NOTES

- 1) THE EXISTING TOPOGRAPHY, SITE FEATURES, AND UTILITIES DEPICTED HEREON ARE BASED ON AERIAL PHOTOGRAMMETRY PREPARED BY COL-EAST, INC. FROM AERIAL PHOTOGRAPHS TAKEN IN 2004.
- 2) THE EXISTING BOUNDARY LINES AND THE AERIAL PHOTOGRAMMETRY INFORMATION DEPICTED HEREON ARE THE RESULT OF THE RESULT OF AN ACTUAL ON THE GROUND FIELD SURVEY PERFORMED BY THE BSC GROUP, INC. IN JUNE THROUGH JULY 2005 AND MARCH 2005 AND COMPIATION OF THE DEEDS AND PLANS OF RECORD CITED HEREON.
- 3) THE HORIZONTAL AND VERTICAL DATUMS WERE ESTABLISHED BY NETWORK-RTK GNSS GPS PERFORMED AT THE SITE.
- HORIZONTAL DATUM & BEARING BASIS = MASSACHUSETTS MAINLAND GRID (NAD83)
- VERTICAL DATUM = NAVD88 (REFER TO PLAN FOR LOCATION OF BENCHMARKS SET DURING SURVEY)
- NOTE: THE NGVD 1929 DATUM IS 0.68 FEET HIGHER THAN THE NAVD 1988 DATUM.
1929 NGVD DATUM ELEV = 378.49'
- 4) THE TOWN LINE DEPICTED HEREON WAS DETERMINED BY NETWORK RTK-GNSS LOCATION OF THE TOWN BOUNDS (MASSACHUSETTS MAINLAND GRID, NAD 83).
- 5) THE WETLANDS WERE FIELD DELINEATED BY EBT ENVIRONMENTAL CONSULTING, INC. IN OCTOBER 2005 AND WERE LOCATED BY THE FIELD SURVEY CITED ABOVE.
- 6) THE PORTION OF THE SITE ADJOINING THE EASTERLY SIDE OF STILES LAKE LIES WITHIN ZONE A, SPECIAL FLOOD HAZARD AREA WITH NO ELEVATIONS DETERMINED AS SET FORTH ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOE INSURANCE RATE MAP (FIRM) 25027C0780E WITH THE REMAINDER OF THE SITE BEING IN ZONE X, MINIMAL FLOOD HAZARD AS SET FORTH ON THE FIRM 25027C0783E, BOTH MAPS BEARING EFFECTIVE DATES OF JULY 4, 2011.
- 7) THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON, ARE APPROXIMATE AND ARE BASED ON THE FIELD LOCATION OF THE OBSERVABLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER GATES, ETC. AND THE COMPIATION OF INFORMATION OBTAINED FROM VARIOUS UTILITY COMPANIES, AND GOVERNMENT AGENCIES. THE ENGINEER DOES NOT GUARANTEE THAT ALL UTILITIES AND SUB-SURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATIONS OF THE UTILITIES AND STRUCTURES, AS REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE OBSERVED BETWEEN THE EXISTING CONDITIONS DEPICTED HEREON AND THE ACTUAL CONDITIONS.
- 8) IN ACCORDANCE WITH CHAPTER 82, SECTION 40, INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK AND CALL DIG-SAFE AT 1-888-344-7233 72 HOURS BEFORE ANY EXCAVATION.
- 9) A FIFTEEN FOOT (15') WIDE TEMPORARY SLOPE AND CONSTRUCTION EASEMENT SHALL BE PROVIDED PARALLEL AND ALONG THE ENTIRE PROPOSED RIGHT-OF-WAY ACROSS THE FRONTAGE OF EACH LOT. THE TEMPORARY SLOPE AND CONSTRUCTION EASEMENT SHALL BE EXTINGUISHED UPON ACCEPTANCE OF THE ROADWAY BY THE TOWN OF LEICESTER.
- 10) THE DRAINAGE AND UTILITY EASEMENTS DEPICTED HEREON ARE REQUIRED BY THE TOWN OF LEICESTER DEPARTMENT OF PUBLIC WORKS IN ORDER TO MAINTAIN THE DRAINAGE INFRASTRUCTURE (SWALES, PONDS, ETC.) AND SHALL BE GRANTED TO THE TOWN OF LEICESTER.



MERIDIAN OF MASSACHUSETTS MAINLAND GRID (NAD83)

APPROVED UNDER THE SUBDIVISION CONTROL LAW PLANNING BOARD OF LEICESTER

DATE:

CERTIFICATE OF NO APPEAL

THIS IS TO CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE LEICESTER PLANNING BOARD WAS RECEIVED AND RECORDED AT THIS OFFICE ON _____ AT _____ AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

TOWN CLERK - LEICESTER

DATE

FOR REGISTRY USE ONLY

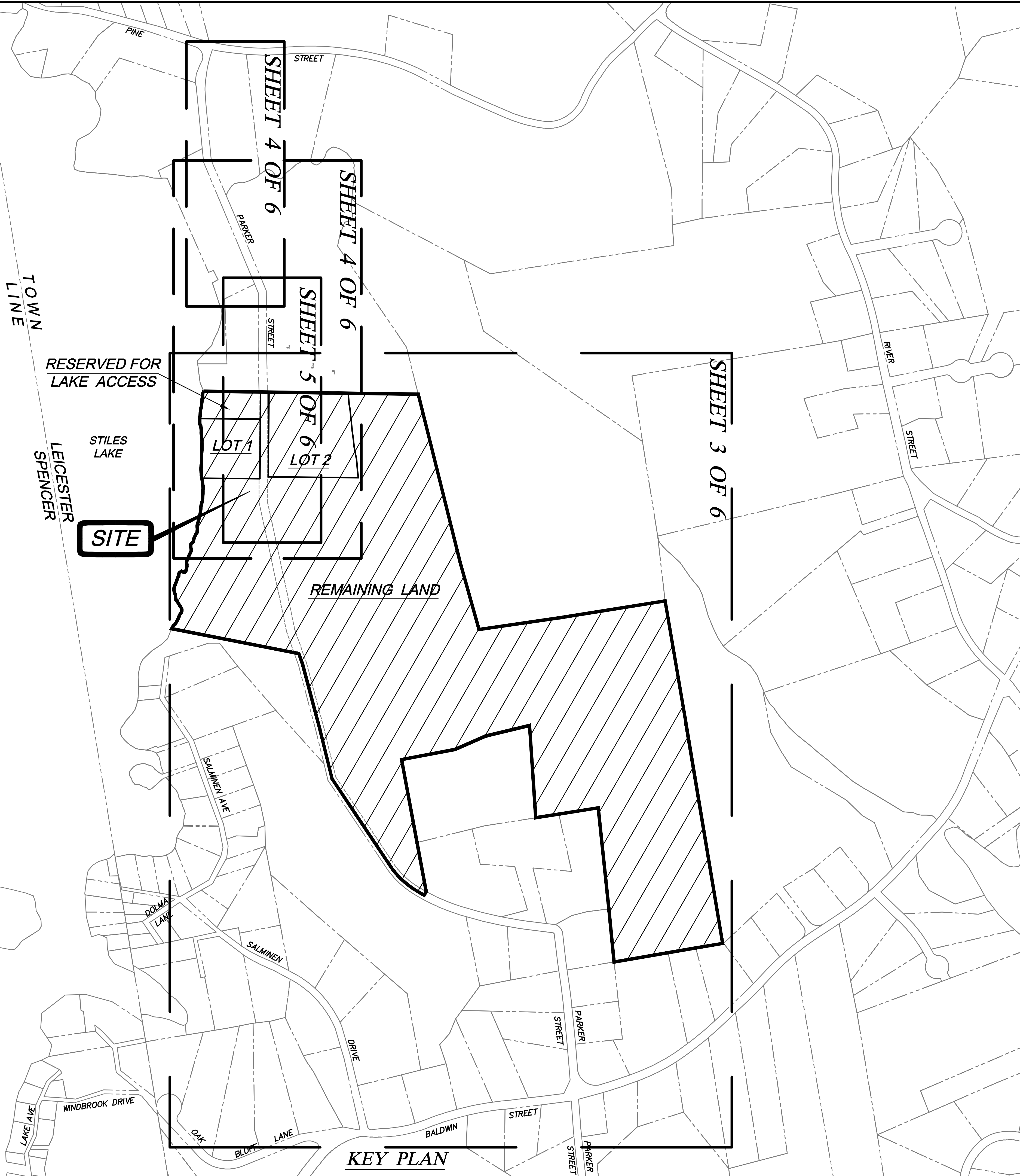
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I CERTIFY THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

CONDITIONS OF APPROVAL ARE CONTAINED IN THE WRITTEN DECISION OF THE PLANNING BOARD ENTITLED, "CERTIFICATE OF APPROVAL OF A DEFINITIVE SUBDIVISION PLAN", DATED _____, 2019 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS IN BOOK _____, PAGE _____.

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KEY PLAN

GRAZ Engineering, L.L.C.

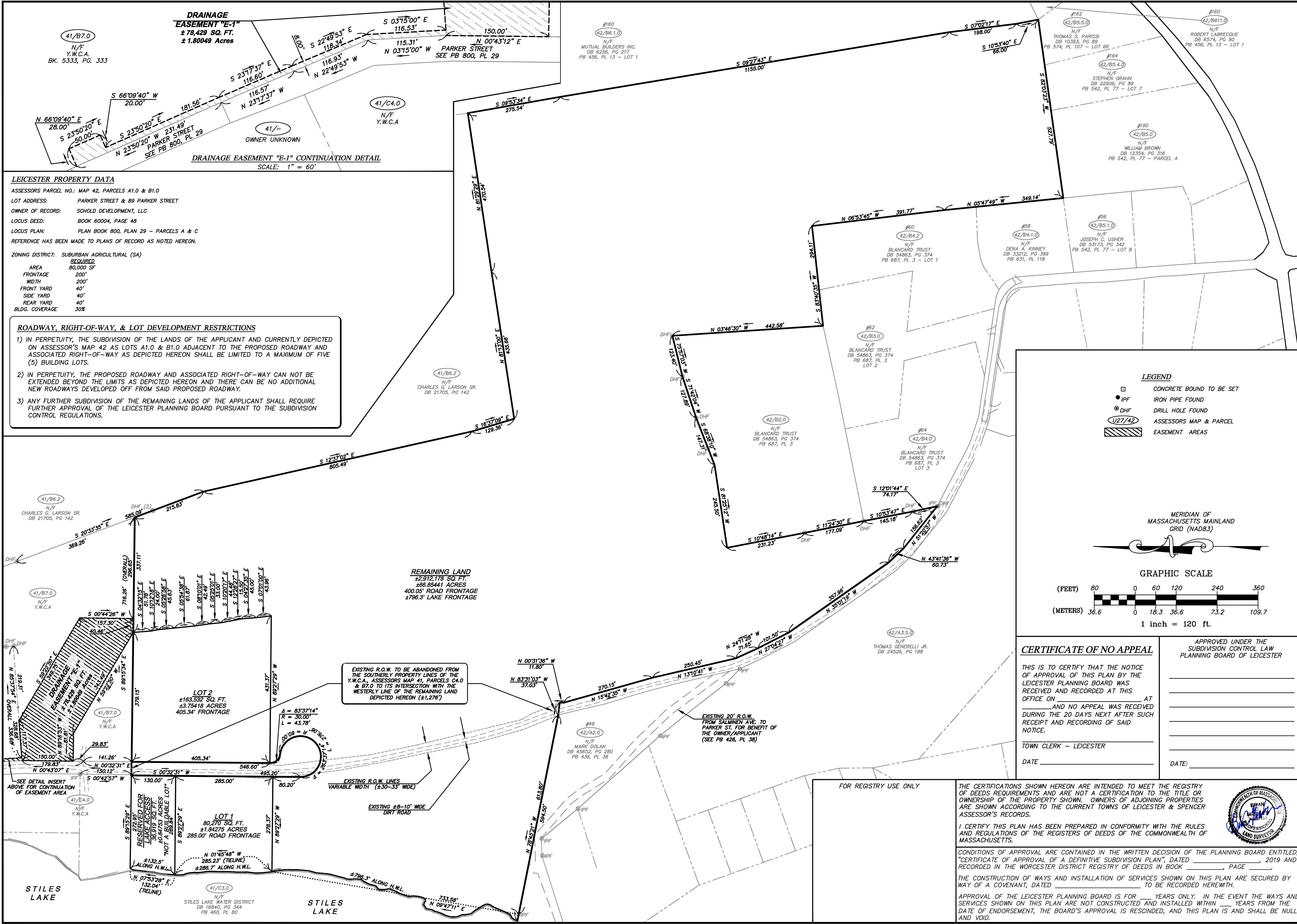
323 West Lake Road, Fitzwilliam, NH 03447
Phone: (603) 885-9559 Fax: (603) 885-9960

PARKER STREET (NORTH) - DEFINITIVE SUBDIVISION
LEICESTER, MASSACHUSETTS

KEY PLAN & NOTES
PREPARED FOR: SCHOLD DEVELOPMENT, LLC (OWNER/APPLICANT)
77 CHICKERING ROAD, SPENCER, MA 01562

SCALE:	AS NOTED	DATE	DRAWN:	CHECKED:	PLAN DATE:
REV.	DATE	DESCRIPTION	BY	DATE	
1	8/24/21	REVS PER QUINN ENG. TECH. REVIEW & LPB	BCM		
2	9/8/21	REVS PER QUINN ENG. TECH. REVIEW & LPB	BCM		





LEICESTER PROPERTY DATA

ASSESSORS PARCEL NO.: MAP 42, PARCELS A1.0 & B1.0

LOT ADDRESS: PARKER STREET & 89 PARKER STREET

OWNER OF RECORD: SCHOLD DEVELOPMENT, LLC

LOCUS DEED: BOOK 60004, PAGE 48

LOCUS PLAN: PLAN BOOK 800, PLAN 29 - PARCELS A & C

REFERENCE HAS BEEN MADE TO PLANS OF RECORD AS NOTED HEREON.

ZONING DISTRICT: SUBURBAN AGRICULTURAL (SA)

REQUIRED:

AREA 80,000 SF

FRONTAGE 200'

WIDTH 200'

FRONT YARD 40'

SIDE YARD 40'

REAR YARD 40'

BLDG. COVERAGE 30%

ROADWAY, RIGHT-OF-WAY, & LOT DEVELOPMENT RESTRICTIONS

1) IN PERPETUITY, THE SUBDIVISION OF THE LANDS OF THE APPLICANT AND CURRENTLY DEPICTED ON ASSESSOR'S MAP 42 AS LOTS A1.0 & B1.0 ADJACENT TO THE PROPOSED ROADWAY AND ASSOCIATED RIGHT-OF-WAY AS DEPICTED HEREON SHALL BE LIMITED TO A MAXIMUM OF FIVE (5) BUILDING LOTS.

2) IN PERPETUITY, THE PROPOSED ROADWAY AND ASSOCIATED RIGHT-OF-WAY CAN NOT BE EXTENDED BEYOND THE LIMITS AS DEPICTED HEREON AND THERE CAN BE NO ADDITIONAL NEW ROADWAYS DEVELOPED OFF FROM SAID PROPOSED ROADWAY.

3) ANY FURTHER SUBDIVISION OF THE REMAINING LANDS OF THE APPLICANT SHALL REQUIRE FURTHER APPROVAL OF THE LEICESTER PLANNING BOARD PURSUANT TO THE SUBDIVISION CONTROL REGULATIONS.

CERTIFICATE OF NO APPEAL

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TOWN CLERK - LEICESTER

DATE _____

APPROVED UNDER THE SUBDIVISION CONTROL LAW PLANNING BOARD OF LEICESTER

DATE: _____

FOR REGISTRY USE ONLY

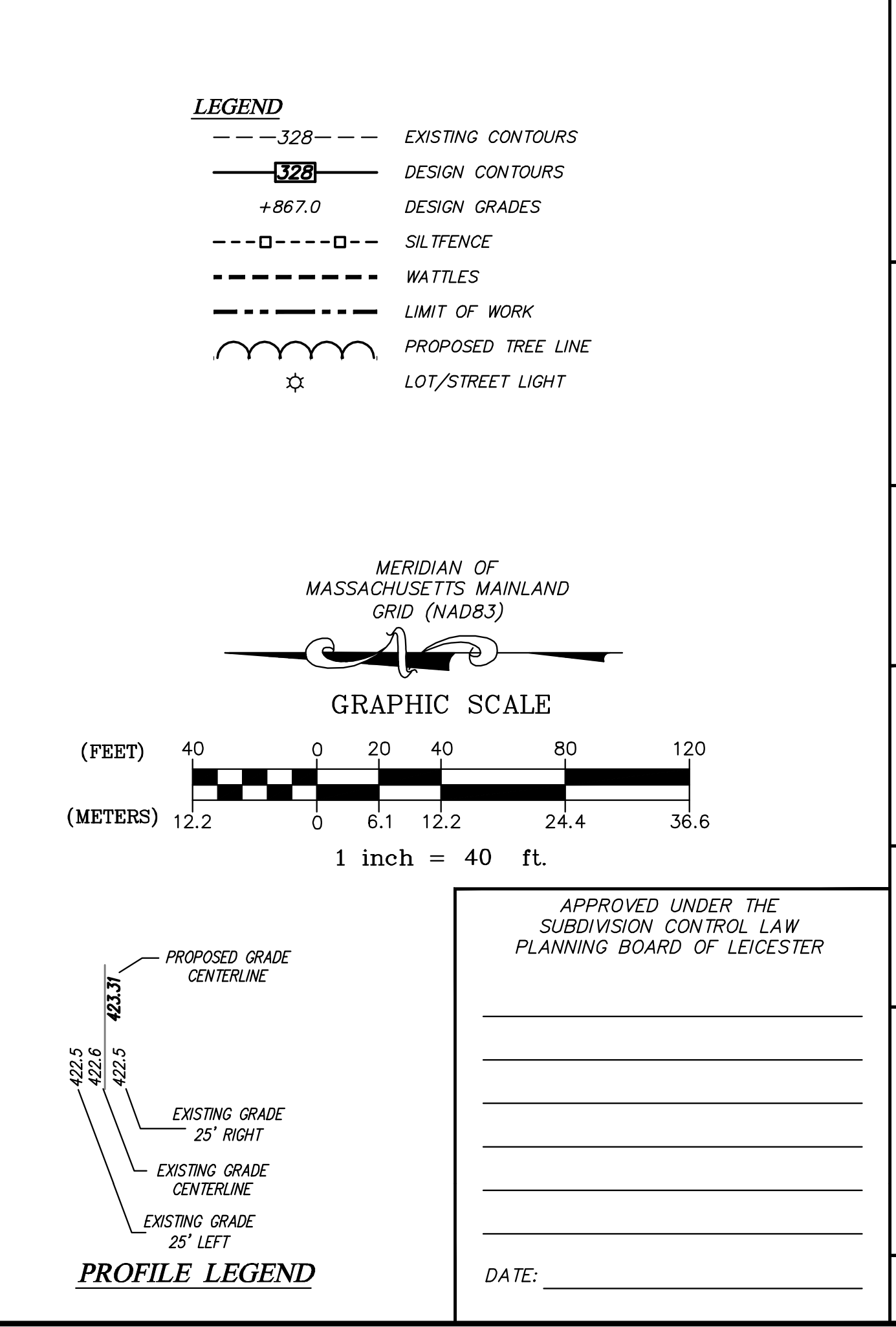
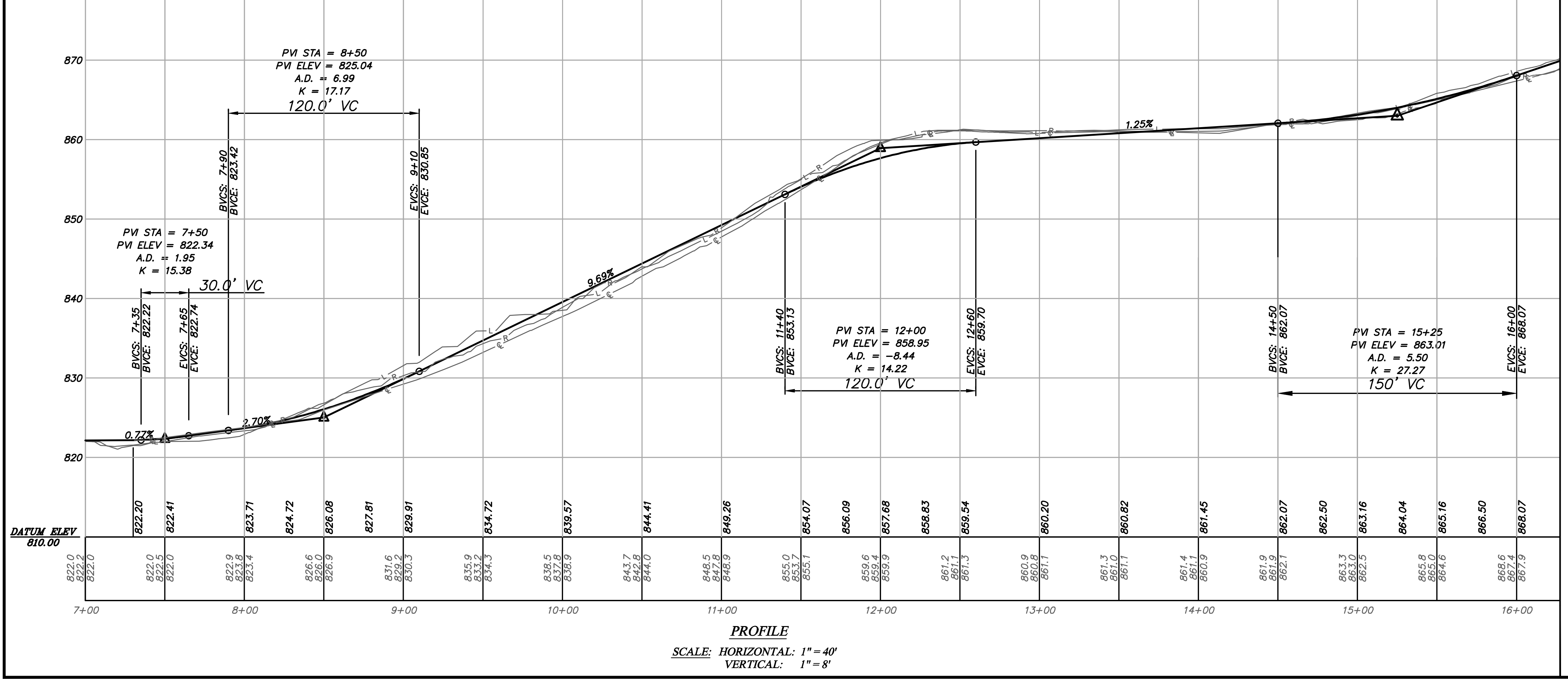
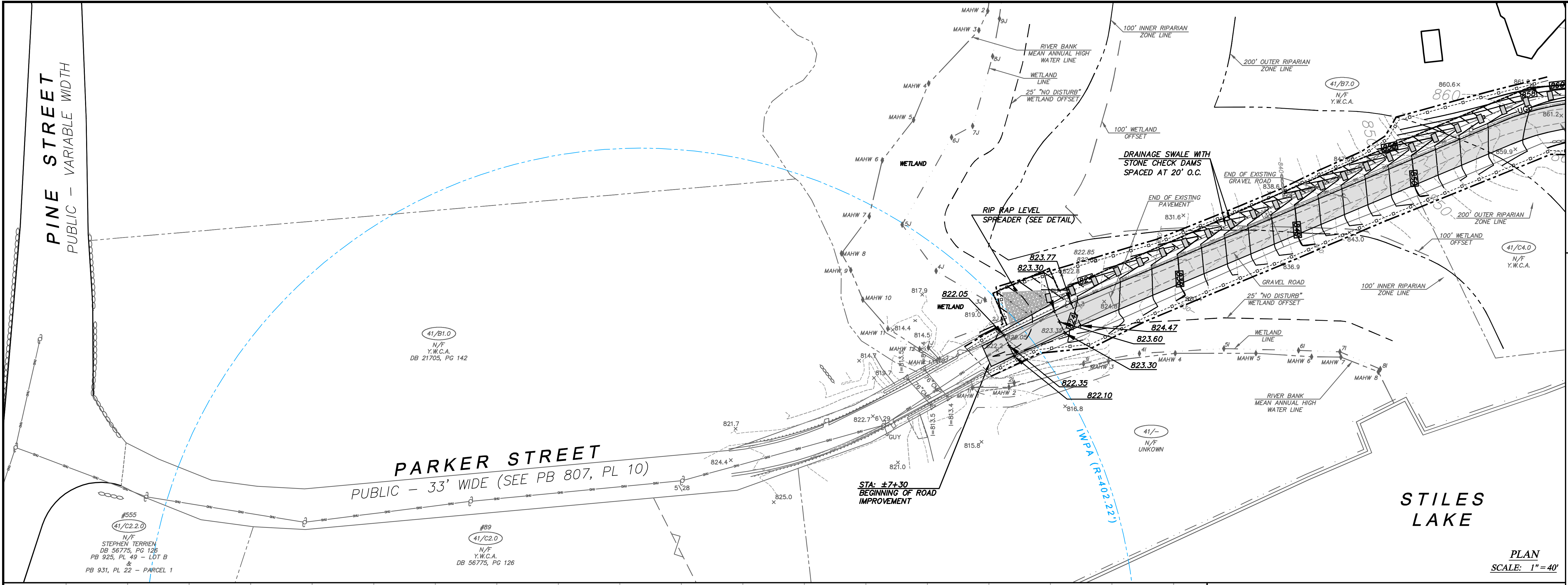
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GRAZ Engineering, L.L.C.

323 West Lake Road, Fitzwilliam, NH 03447
Phone: (603) 585-0959 Fax: (603) 585-0960

PARKER STREET (NORTH) - DEFINITIVE SUBDIVISION
LEICESTER, MASSACHUSETTS

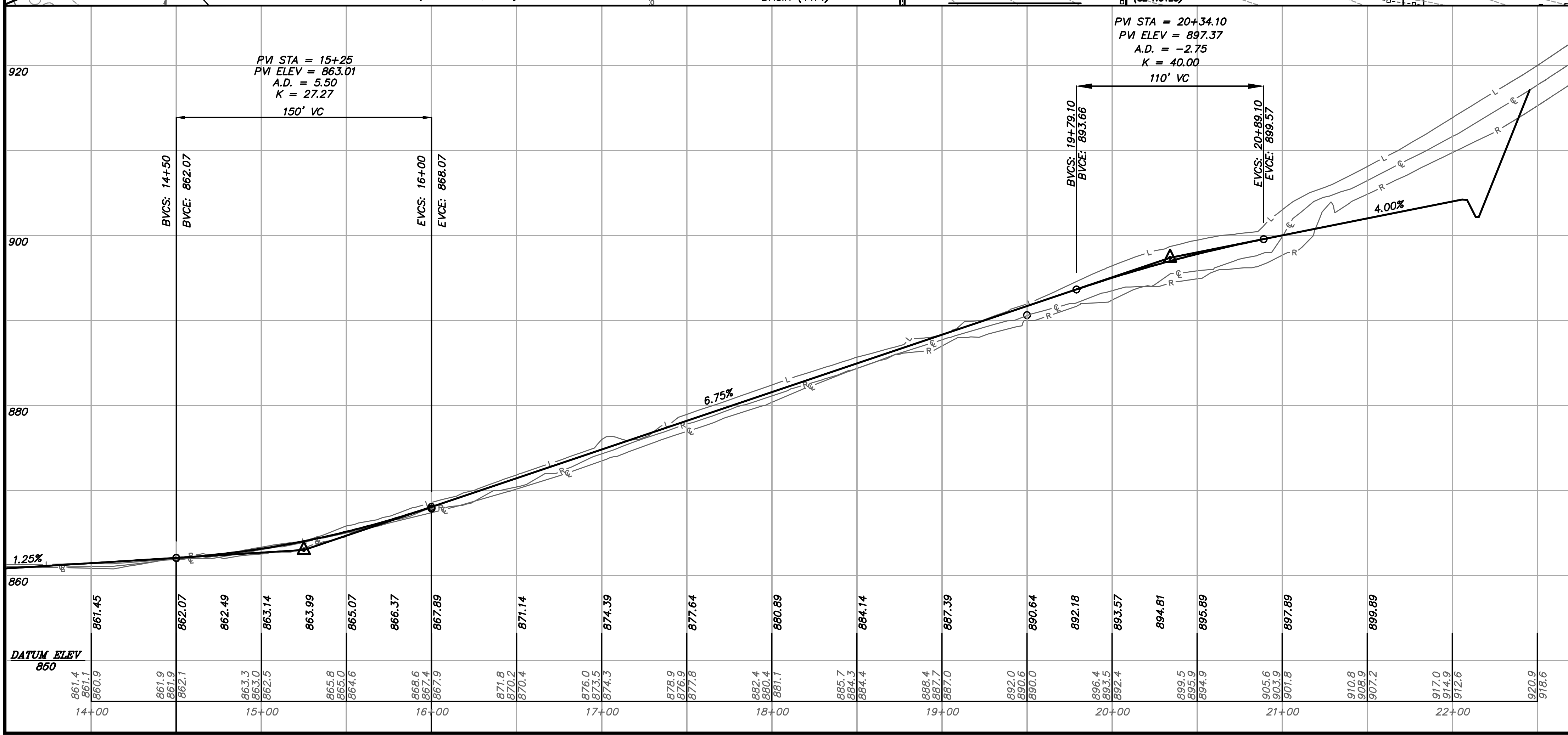
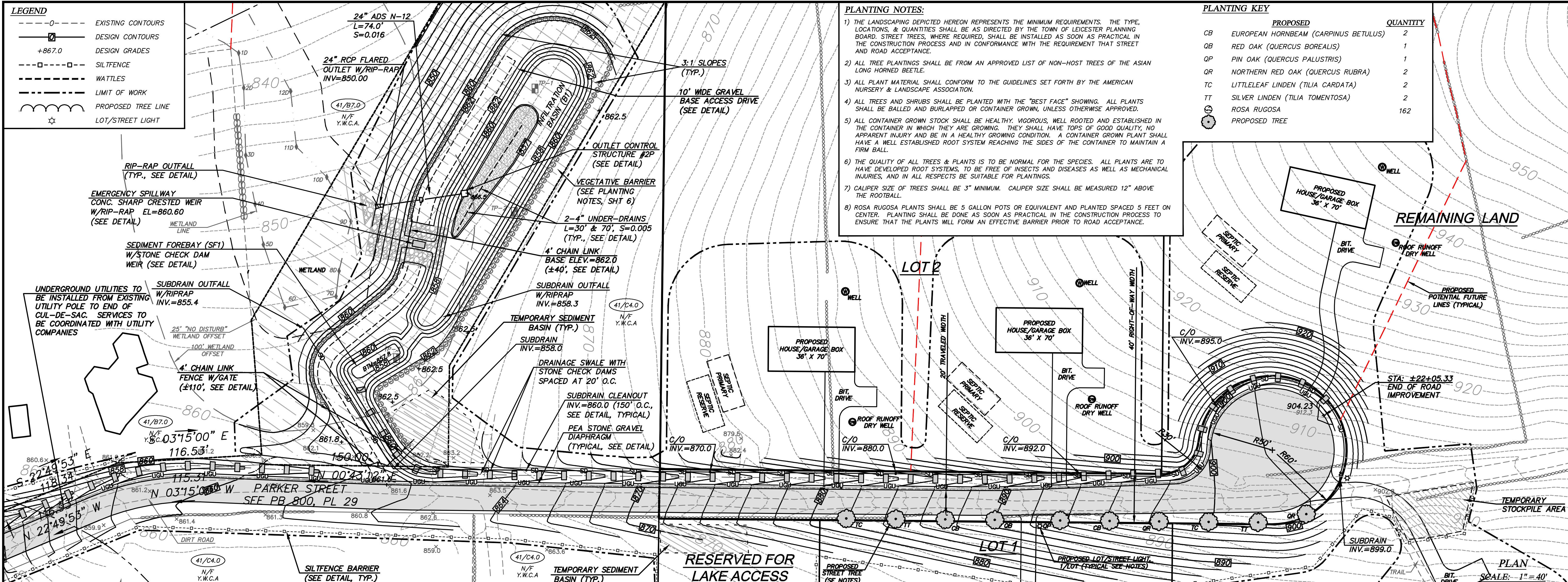
PARKER STREET - PLAN & PROFILE (SHEET 1 OF 2)
PREPARED FOR: SCHOLD DEVELOPMENT, LLC (OWNER/APPLICANT)
77 CHICKERING ROAD, SPENCER, MA 01562

SCALE:	AS NOTED	DATE	PLAN DATE	CHECKED:	DRAWN:
REV.	DATE	DESCRIPTION	BY	PG & BCM	BCM
1	8/24/21	REVS PER QUINN ENG. TECH. REVIEW & LPB	BCM		
2	9/8/21	REVS PER QUINN ENG. TECH. REVIEW & LPB	BCM		

APPROVED UNDER THE
SUBDIVISION CONTROL LAW
PLANNING BOARD OF LEICESTER

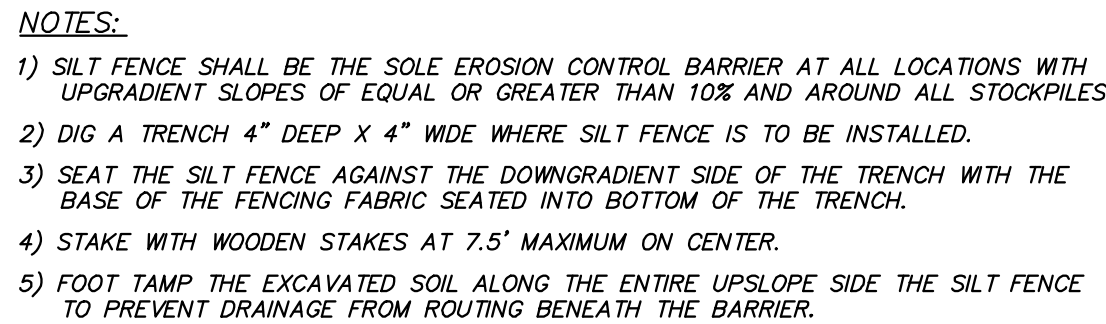
DATE: _____

SHEET 5 OF 8



- 1) ALL REQUIRED PERMITS SHALL BE SECURED PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
- 2) THE TOWN OF LEICESTER CONSERVATION COMMISSION'S ORDER OF CONDITIONS ARE HEREBY MADE CONDITIONS OF THE JURISDICTIONAL WORK FOR THIS PROJECT.
- 3) AT LEAST 10 DAYS PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TOWN LEICESTER PLANNING BOARD, CONSERVATION COMMISSION, BUILDING DEPARTMENT, HIGHWAY DEPARTMENT, & BOARD OF HEALTH, GRAZ ENGINEERING, LLC, AND QUINN ENGINEERING, INC.
- 4) IN ACCORDANCE WITH CHAPTER 82, SECTION 40, INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK AND CALL DIG-SAFE AT 1-888-344-7233, 72 HOURS BEFORE ANY EXCAVATION.
- 5) THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON, ARE APPROXIMATE AND ARE BASED ON THE FIELD LOCATION OF THE OBSERVABLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER GATES, ETC. AND THE COMPILATION OF INFORMATION OBTAINED FROM VARIOUS UTILITY COMPANIES, AND GOVERNMENT AGENCIES. THE ENGINEER DOES NOT GUARANTEE THAT ALL UTILITIES AND SUB-SURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATIONS OF THE UTILITIES AND STRUCTURES, PRIOR TO THE START OF CONSTRUCTION.
- 6) ALL WORK AND MATERIALS SHALL CONFORM TO THE TOWN OF LEICESTER SUBDIVISION RULES & REGULATIONS, ZONING BYLAWS, PLANNING BOARD DECISIONS, CONSERVATION COMMISSION ORDERS, & HIGHWAY DEPARTMENT STANDARDS, AND THE LATEST EDITION OF THE MASSACHUSETTS HIGHWAY DEPARTMENT OF PUBLIC WORKS (MHPDW) CONSTRUCTION STANDARDS AND THE MHPDW "STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES" AND ALL OF THEIR RESPECTIVE AMENDMENTS, UNLESS OTHERWISE SPECIFIED BY THE LOCAL AUTHORITY OR THE ENGINEER.
- 7) THE CONTRACTOR SHALL COORDINATE ALL UTILITY AND ROADWAY CONSTRUCTION WITHIN THE TOWN RIGHT-OF-WAYS WITH THE HIGHWAY DEPARTMENT SUPERINTENDENT AND/OR THE APPROPRIATE UTILITY COMPANY.
- 8) THE CONTRACTOR SHALL PROVIDE EVERYTHING NECESSARY TO CONSTRUCT THE UTILITIES AND ROADWAY WITHIN THE SPECIFIED PARAMETERS AND IN A WORKMANSHIP LIKE MANNER.
- 9) THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE OBSERVED BETWEEN THE EXISTING CONDITIONS DEPICTED HEREON AND THE FIELD VERIFIED CONDITIONS.
- 10) THE CONTRACTOR SHALL CONTROL AIRBORNE DUST WITH USE OF SPRAYED WATER AS REQUIRED TO MINIMIZE THE IMPACTS TO NEIGHBORING PROPERTIES. THE USE OF CALCIUM CHLORIDE OR OTHER CHEMICALS ARE PROHIBITED.
- 11) THIS ROADWAY PROJECT SHALL BE BUILT ALL IN ONE PHASE. IF AT ANY TIME SHOULD THE DEVELOPER DECIDE TO CONSTRUCT THE PROJECT IN PHASES, A CONSTRUCTION SEQUENCING PLAN SHALL BE SUBMITTED TO THE PLANNING BOARD FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
- 12) ALL PROPOSED LOTS ARE TO BE SERVICED BY PRIVATE ON-SITE SEPTIC AND WELLS.
- 13) THE TEST PITS FOR THE PROPOSED STORMWATER INFILTRATION BASIN SHALL BE PERFORMED PRIOR THE COMMENCEMENT OF ANY ROADWAY CONSTRUCTION.
- 14) BACK FILL FOR UTILITY TRENCHES SHALL BE PLACED IN 12-INCH LOOSE LIFTS AND COMPACTED TO 95 PERCENT DRY DENSITY, IN ACCORDANCE WITH ASTM DESIGNATION 1557-70 METHOD D.
- 15) "GRAVEL BASE" MATERIALS SHALL CONFORM WITH THE CURRENT TOWN SUBDIVISION REGULATIONS AND THE 1997 MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES. M1.0.3 TYPE "B" GRAVEL SHALL BE USED AND PLACED IN CONFORMANCE WITH MASS DOT SECTION 401.
- 16) TOP COURSE, BINDER COURSE, & MODIFIED CAPE COD BERM SHALL BE BE CLASS 1, TYPE I-1 (M3.11.0 & M3.12.0), PLACED IN ACCORDANCE WITH MASS DOT SECTION 460.
- 17) PLACE 4" OF LOAM AND SEED IN ALL DISTURBED AREAS OF THE PROJECT NOT OTHERWISE IMPROVED (E.G. PAVED, RIP-RAPPED, ETC.).
- 18) ALL PROPOSED GRADES SHALL BE GRADED SMOOTHLY AND EVENLY INTO THE EXISTING GRADES AND PROVIDE POSITIVE DRAINAGE. THE TOPS AND BOTTOMS OF ALL SLOPES SHALL BE ROUNDED OFF.
- 19) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED, INCLUDING TIES TO SERVICE LATERALS, AND SUBMIT ONE SET OF RED-LINED AS BUILT DRAWINGS TO THE ENGINEER OF RECORD.
- 20) FINAL DRIVEWAY LOCATIONS SHALL BE DETERMINED BY DEVELOPER DURING CONSTRUCTION. CURB CUTS AND DRIVEWAY OPENINGS SHALL BE COORDINATED WITH THE HIGHWAY DEPARTMENT SUPERINTENDENT AND COMPLY WITH THE TOWN DPW & SUBDIVISION REGULATIONS.

- 1) THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICES. ANY DAMAGE TO THE EXISTING UTILITIES BY THE CONTRACTOR'S OPERATION SHALL BE IMMEDIATELY AND COMPLETELY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 2) THE CONTRACTOR SHALL SAW CUT THE EXISTING BITUMINOUS PAVEMENT ON PARKER STREET WHERE REQUIRED TO CONSTRUCT AND SMOOTHLY BLEND THE PROPOSED ROADWAY WITH THE EXISTING PAVEMENT.
- 3) ALL EXISTING FEATURES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND DISPOSED OF LEGALLY OFF SITE UNLESS NOTED OTHERWISE.
- 4) THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE GOVERNMENT AGENCIES AND UTILITY COMPANIES FOR DETAILS ON THE TEMPORARY REMOVAL, RELOCATION, AND ABANDONMENT OF ALL OVERHEAD AND UNDERGROUND UTILITY SERVICES INCLUDING ELECTRICAL, COMMUNICATIONS, WATER, SEWER, DRAINAGE, CATV, AND GAS.
- 5) THE TREE CLEARING LIMITS SHALL NOT EXTEND BEYOND THE HYABALE/SILT FENCE BARRIER. AREAS OF EXISTING VEGETATION TO REMAIN ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION. REVIEW THE ACTUAL LIMITS OF CLEARING WITH THE OWNER, AND SELECTIVELY CLEAR AND PRUNE AS REQUIRED TO REMOVE DEAD, DISEASED, OR POORLY FORMED VEGETATION.



A cross-sectional diagram of a vegetative filter strip. On the left, a slope of 'FOOT TAMPED EXCAVATED SOIL ON UPSLOPE SIDE' is shown with '1" X 1" WOODEN OR METAL STAKES (6" O.C. MIN.)' driven into it. A 'SEDIMENT-LADEN RUNOFF' arrow points from the left towards the filter strip. The filter strip itself is a mound of soil with a '6" MIN.' depth at its base. A 'STRAW WATTLE (12" Ø MIN.)' is shown as a circular structure at the base of the mound. To the right of the filter strip is a 'WETLANDS' area with a 'FILTERED RUNOFF' arrow pointing towards it. A 'BUFFER ZONE' is indicated by a dashed line between the filter strip and the wetlands.

NOTES:

- 1) SHEATHING FOR STRAW WATTLES SHALL BE 100% BIODEGRADABLE AND WITHOUT FIXED DIAMETER OPENING.
- 2) WATTLES SHALL BE AS THE SOLE EROSION CONTROL BARRIER AT ALL LOCATIONS WITH UPGRADIENT SLOPES OF LESS THAN 10%.
- 3) DIG A TRENCH 2'-3" DEEP X 9" WIDE WHERE WATTLES ARE TO BE INSTALLED.
- 4) SEAT WATTLE FIRMLY INTO TRENCH AND STAKE WITH WOODEN STAKES AT 6' O.C. MINIMUM.
- 5) FOOT TAMP THE EXCAVATED SOIL ALONG THE ENTIRE UPSLOPE SIDE THE WATTLES TO PREVENT DRAINAGE FROM ROUTING BENEATH THE BARRIER.

STRAW WATTLE EROSION CONTROL BARRIER DETAIL
N.T.S.



ACCESS & STORM WATER BASIN BERM DRIVE CROSS-SECTION
N.T.S.



