

STRUCTURES:

DM#1047 RM=52.50 SHELF=47.50 W/OUT=47.70 (12" P.C. FROM CB#1046)	DM#1254 RM=66.50 SHELF=41.31 W/OUT=41.32 (12" P.C. FROM DM#1047)	SM#1049 RM=47.23 SHELF=38.89 W/OUT=38.27 (8" P.C. FROM SM#1046)	SM#1048 RM=52.13 SHELF=44.20 W/OUT=41.57 (8" P.C. TO SM#1049)
(12" P.C. FROM CB#1046)	(12" P.C. FROM DM#1047)	(8" P.C. FROM SM#1046)	(8" P.C. TO SM#1049)
DM#1043 RM=47.50 SHELF=47.50 (12" P.C. TO DM#1254)	DM#1050 RM=41.31 SHELF=41.32 (12" P.C. FROM CB#1043)	DM#1048 RM=41.31 SHELF=41.32 (12" P.C. FROM CB#1043)	DM#1049 RM=41.31 SHELF=41.32 (12" P.C. FROM CB#1043)
(12" P.C. TO DM#1254)	(12" P.C. FROM CB#1043)	(12" P.C. FROM CB#1043)	(12" P.C. FROM CB#1043)

LEGEND:

—	RIGHT-OF-WAY LINE	☉	UTILITY POLE, GUY & LIGHT
---	BOUNDARY LINE	□	CATCH BASIN (SQUARE)
---	ABUTTING LOT LINE	○	DRAIN WAY-HOLE
---	BUILDING SETBACK LINE	⊕	SEWER MAN-HOLE
---	EDGE OF PAVED ROAD	⊕	WATER HYDRANT
---	GRANITE CURB LINE	⊕	WATER VALVE
---	10' CONTOUR INTERVAL	⊕	WATER SHUT-OFF
---	2' CONTOUR INTERVAL	⊕	SINGLE SIGN POST
---	CHAIN-LINK FENCE	⊕	TAX MAP & LOT NUMBER
---	CULVERT		
---	OVERHEAD UTILITY LINE		
---	GAS LINE		
---	WATER LINE		
---	SEWER LINE		
□ G.B.(P)	GRANITE BOUND FOUND		
○ L.P.H.(P)	IRON PIN FOUND		
● L.P.H.(B.S)	IRON PIN TO BE SET		

NOTES (CONTINUED):

25. PARKING CALCULATION:
PROPOSED USE: SINGLE FAMILY DETACHED RESIDENTIAL

MINIMUM REQUIRED = 2 SPACES / UNIT
MAXIMUM ALLOWED = NONE

PROPOSED PARKING SPACES = GARAGE SPACE + 1 DRIVEWAY SPACE = PROVIDED

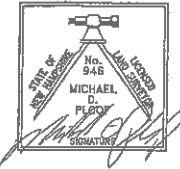
REFERENCE PLANS:

1. "CONSOLIDATION & SUBDIVISION PLAN - CHANDLER STREET, NASHUA, NEW HAMPSHIRE - PREPARED FOR 111 LOCK STREET REALTY - 111 LOCK STREET - NASHUA, N.H.", SCALE: 1"=20'. DATED APRIL 19, 1977. PREPARED BY ALAN H. SWANSON, INC. - LAND SURVEYORS AND RECORDED IN THE H.C.R.D. AS PLAN #10422.

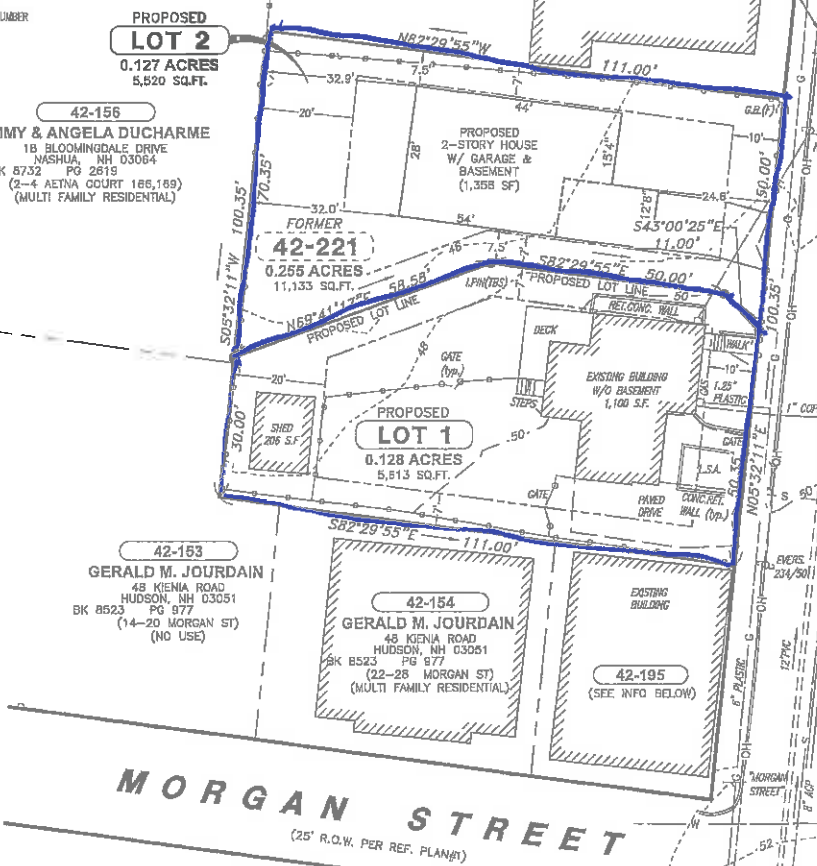
2. "LOT LINE RELOCATION PLAN SHEET 42 LOT 149 & 150 - MORGAN STREET - NASHUA, NEW HAMPSHIRE - PREPARED FOR LORDOR REAL ESTATE ENTERPRISES - 427-3 AMHERST STREET SUITE 318, NASHUA, NEW HAMPSHIRE 03083" SURVEYED BY ROLAND R. GIGLIARDI, DATED FEBRUARY 26, 1986. SCALE: 1"=20'. RECORDED IN THE H.C.R.D. AS PLAN #19474.

CERTIFICATION:

I HEREBY CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY MADE ON THE GROUND PER THE PRECISION AND ACCURACY STANDARDS FOR AN URBAN CLASSIFICATION SURVEY AS SPECIFIED IN THE NEW HAMPSHIRE LAND SURVEYOR'S ADMINISTRATIVE RULES (LAW 503.04) AND HAS A MAXIMUM ERROR OF CLOSURE OF ONE PART IN TEN THOUSAND (1:10,000) ON ALL PROPERTY LINES WITHIN AND BORDERING THE SUBJECT PROPERTY."



6/30/21



ABUTTER:

TAX MAP LOT 42-195
EDWARD J. PAQUIN REV. TRUST
EDWARD J. PAQUIN TRUSTEE
592 S MAIN STREET
NASHUA, NH 03060-5223
BK. 8503 PG. 1522
(30-34 MORGAN STREET)
(MULTI FAMILY RESIDENTIAL)

OWNERS SIGNATURE: *Robert Da Silva Parpinelli* DATE: 6-30-21

APPROVED BY NASHUA PLANNING BOARD

CHAIRMAN: _____ DATE: _____
SECRETARY: _____ DATE: _____



REV.	DATE	DESCRIPTION	C/O	DR	CK
A	05/29/21	ADDRESS STAFF COMMENTS			

NOTES:

- THE OWNER OF RECORD FOR TAX MAP 42 LOT 221 IS REBERT DA SILVA PARPINELLI & BRUNO ALEX RICCI - 54 CHANDLER STREET, NASHUA, NH 03064. DEED REFERENCE TO THE LOT IS BK8420 PG.2540, DATED FEBRUARY 3, 2021 IN THE H.C.R.D.
- THE APPLICANT IS LARRY KITTLE - 2 POLLARD ROAD, MERRIMACK, NH 03054. PHONE NUMBER: 603-306-3873.
- THE PURPOSE OF THIS PLAN IS TO DEPICT A TWO LOT SUBDIVISION OF EXISTING TAX MAP 42-221.
- THE TOTAL AREA OF EXISTING TAX MAP 42-221 IS 0.255 ACRES OR 11,133 SQ.FT.
- LOT NUMBERS REFER TO THE CITY OF NASHUA ASSESSORS MAP 42.
- ZONING FOR THE PARCEL IS THE "C" URBAN RESIDENCE (R-C)

R-A ZONE CONVENTIONAL	REQUIRED	EX-42-221	LOT 1	LOT 2
MIN. LOT AREA	5,000 SF	11,133 SF	5,613 SF	5,520 SF
MIN. LOT WIDTH	50 FT	100.35 FT	57.35 FT	43 FT
MIN. LOT FRONTAGE	50 FT	100.35 FT	50.35 FT	80 FT
MIN. LOT DEPTH	75 FT	111 FT	111 FT	111 FT
MIN. FRONT SETBACK	10 FT	11.8 FT	11.9 FT	10 FT
MIN. SIDE SETBACK	7 FT	14.0 FT	7.3 FT	7 FT
MIN. REAR SETBACK	20 FT	66.7 FT	66.7 FT	20 FT
MAX. BUILDING HEIGHT	100 FT	<100 FT	<100 FT	<100 FT
MAX. STORIES	10	1.5 FT	1.5 FT	N/A
OPENSPACE FOR EACH LOT	35 %	38.3%	78.0%	100%

- THE SURFACE FEATURES AND BOUNDARY INFORMATION SHOWN WERE DEVELOPED FROM THE DEED CITED AND A PRECISE FIELD SURVEY BY THIS OFFICE DURING THE MONTH OF MARCH, 2021.
- HORIZONTAL ORIENTATION IS THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM, NAD83, BASED ON FIELD GPS OBSERVATIONS THAT WERE UPLOADED TO AND CALCULATED BY THE NOAA ONLINE POSITIONING USER SERVICE (OPUS). THE VERTICAL DATUM IS NASHUA CITY DATUM, CONVERTED FROM NAVD83. (CONVERSION TO NAVD83 = NASHUA CITY DATUM + 85.77)
- JURISDICTIONAL WETLANDS WERE NOT FOUND ON THE SUBJECT PARCEL PER AN ON-SITE FIELD INVESTIGATION BY THIS OFFICE IN MARCH, 2021 IN ACCORDANCE WITH THE "CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, TECHNICAL REPORT Y-87-1, DATED JANUARY 1987".
- THE SUBJECT PARCEL IS NOT LOCATED IN A FLOOD HAZARD AREA AS DETERMINED FROM THE FLOOD INSURANCE STUDY (FIRM), HILLSBOROUGH COUNTY, CITY OF NASHUA, NEW HAMPSHIRE, COMMUNITY NO. 330387, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, MAP NUMBER: 3301100514E, DATED: APRIL 18, 2011.
- THE SITE LIES WITHIN THE AQUIFER PER U.S.G.S. WATER RESOURCE INVESTIGATIONS REPORT 86-435B, PLATE NO. 4, PREPARED IN COOPERATION WITH THE NEW HAMPSHIRE WATER RESOURCES BOARD AND THE NASHUA REGIONAL PLANNING COMMISSION.
- THE SITE IS NOT LOCATED WITHIN THE WATER SUPPLY PROTECTION DISTRICT PER THE NASHUA ZONING ORDINANCE MAP.
- SOIL TYPE FOR THE ENTIRE SITE IS U - URBAN LAND.
- THE SITE IS CURRENTLY SERVICED BY OVERHEAD UTILITIES, MUNICIPAL SEWER, WATER BY PENNACUCK WATER WORKS & GAS BY LIBERTY UTILITIES.
- THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.
- PERMANENT MARKERS ARE TO BE SET AT ALL LOT CORNERS AND STONE BOUNDS AT ALL POINTS OF CURVATURE AND TANGENCY ALONG THE RIGHT-OF-WAY BY A LICENSED LAND SURVEYOR.
- TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO KNOWN EASEMENTS OR ENCUMBRANCES ON THE SUBJECT PARCEL.
- A VARIANCE FOR A REDUCED LOT WIDTH OF 43 FEET WHEREAS 50 FEET IS REQUIRED WAS GRANTED BY THE NASHUA ZONING BOARD OF ADJUSTMENT ON JUNE 23, 2021.
- PROPOSED BUILDING CONSTRUCTION SHALL INCORPORATE A FOUNDATION DRAINAGE SYSTEM, EXCEPT WHERE AN INVESTIGATION ESTABLISHES THAT THE SPECIFIC BUILDING SITE IS LOCATED IN WELL DRAINED SOILS AND THAT SUCH A SYSTEM IS NOT REQUIRED.
- PUBLIC STREET RESTORATION WORK, IF ANY, SHALL BE IN ACCORDANCE WITH N.H.R.C. SECTION 285-13.
- STREET AND UTILITY IMPROVEMENTS SHALL COMPLY WITH ALL APPLICABLE SECTIONS OF THE CITY OF NASHUA REVISED ORDINANCES (N.R.O.).
- THE APPLICANT SHALL COORDINATE WITH THE UTILITY COMPANY FOR ANY REQUIRED EASEMENTS THAT ARE NEEDED ON PRIVATE PROPERTY.
- A BOND OR OTHER FORM OF SECURITY TO BE REQUIRED FOR PROPOSED PUBLIC IMPROVEMENTS (ROADS & SIDEWALK) OR UTILITY EXTENSIONS.
- A DRIVEWAY PLAN SHALL BE APPROVED BY THE ENGINEERING DEPARTMENT PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- UTILITY INCLUDING ALL ELECTRIC, TELEPHONE, CABLE TELEVISION, AND OTHER COMMUNICATION LINES, BOTH MAIN AND SERVICE CONNECTIONS, SERVICING NEW DEVELOPMENTS SHALL BE PROVIDED BY UNDERGROUND WIRING WITHIN EASEMENTS OR DEDICATED PUBLIC RIGHT-OF-WAY, INSTALLED IN ACCORDANCE WITH THE BOARD OF PUBLIC WORKS SPECIFICATIONS.

SUBDIVISION PLAN
TAX MAP 42 LOT 221
(54 CHANDLER STREET)
NASHUA, NEW HAMPSHIRE

PREPARED FOR:
LARRY KITTLE
2 POLLARD ROAD, MERRIMACK, NH 03054 (603-306-3873)

LAND OF:
REBERT DA SILVA PARPINELLI & BRUNO ALEX RICCI
54 CHANDLER STREET, NASHUA, NH 03064

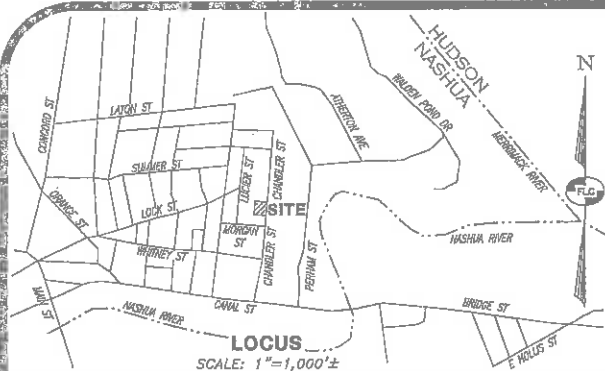
SCALE: 1" = 20' MAY 27, 2021

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

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FILE: 2844SBD.dwg PROJ. NO. 2844.00 SHEET: SB-1 PAGE NO. 1 OF 4



STRUCTURES:

DM#1047 RM=52.50 SHELF=47.50 INV.=47.70 (12" PVC FROM CB#1046) INV.=47.70 (12" PVC FROM CB#1043) INV.=47.70 (12" PVC FROM DM#1254)	DM#1254 RM=49.99 SHELF=41.93 INV.=41.92 (12" PVC FROM DM#1047) INV.=42.01 (12" PVC FROM CB#1030) INV.=41.99 (12" PVC FROM CB#1033) INV.=41.90 (12" PVC FROM DM#1032)	SM#1049 RM=17.23 SHELF=39.29 THROUGH=39.27 INV.=39.29 (8" PVC FROM SM#1048) INV.=39.29 (8" PVC FROM SM#1048) INV.=39.29 (8" PVC FROM SM#1048)	SM#1048 RM=22.23 SHELF=44.20 THROUGH=43.57 INV.=43.49 (8" AC" TO SM#1048)
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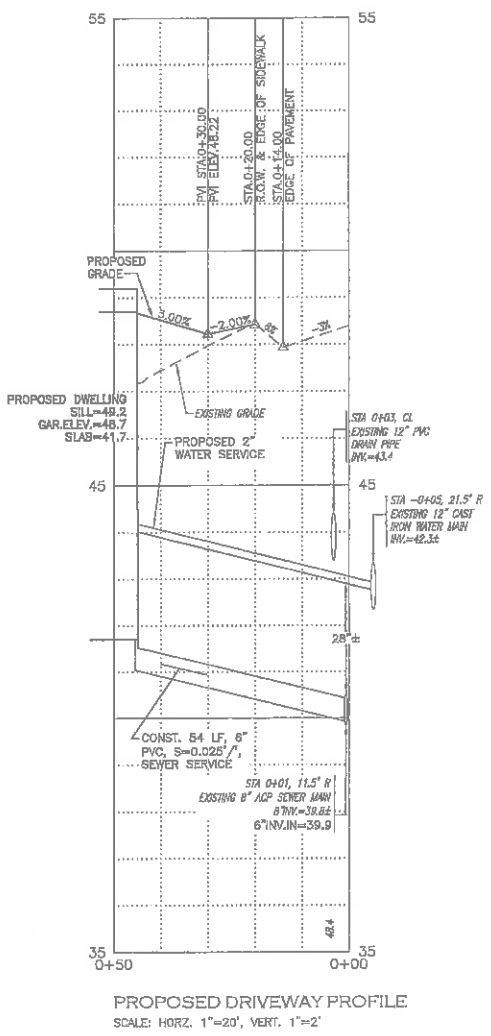
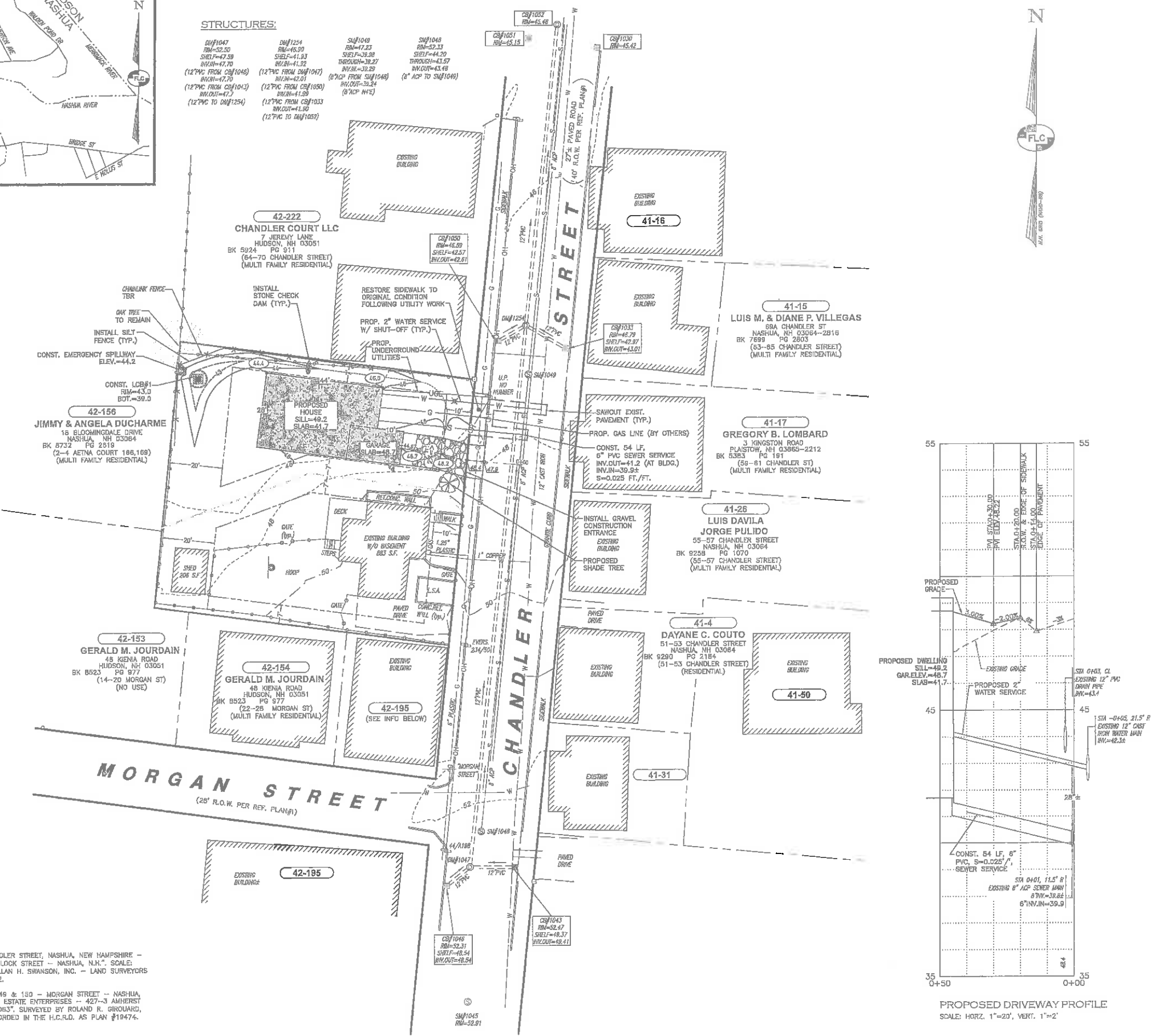
- LEGEND:**
- RIGHT-OF-WAY LINE
 - BOUNDARY LINE
 - ABUTTING LOT LINE
 - BUILDING SETBACK LINE
 - EDGE OF PAVED ROAD
 - GRANITE CURB LINE
 - 10' CONTOUR INTERVAL
 - 2' CONTOUR INTERVAL
 - CHAIN-LINK FENCE
 - INSTALL SILT FENCE (TYP.)
 - CONST. EMERGENCY SPILLWAY
ELEV.=44.2
 - CONST. LCB#1
RM=43.0
DOT=39.0
 - CHUNK FENCE
TBR
 - QRY TREE TO REMAIN
 - INSTALL STONE CHECK DAM (TYP.)
 - RESTORE SIDEWALK TO ORIGINAL CONDITION FOLLOWING UTILITY WORK
 - PROP. 2" WATER SERVICE W/ SHUT-OFF (TYP.)
 - PROP. UNDERGROUND UTILITIES
 - EXISTING BUILDING
 - PROPOSED HOUSE
SILL=49.2
SLAB=41.7
 - PROP. GAS LINE (BY OTHERS)
 - CONST. 54 LF, 6" PVC SEWER SERVICE
INV. OUT=41.2 (AT BLDG.)
INV. IN=39.9±
S=0.025 FT./FT.
 - EXISTING BUILDING
 - PROPOSED DWELLING
SILL=49.2
GARVEY=48.7
SLAB=41.7
 - EXISTING GRADE
 - PROPOSED 2" WATER SERVICE
 - EXISTING 12" PVC DRAIN PIPE
INV.=43.4
 - STA 0+00, 21.5' R
EXISTING 12" CAST IRON SEWER MAIN
8" INV.=39.6±
6" INV.=39.9

- PROPOSED FEATURES**
- EDGE OF PAVEMENT
 - 74 2 FT. CONTOUR
 - 80 10 FT. CONTOUR
 - W WATER SERVICE
 - OH OVERHEAD UTILITY LINES
 - S SEWER SERVICE
 - G GAS SERVICE
 - X SILT FENCE
 - X SILT SACK
 - LEACHING CATCH BASIN
 - WATER SERVICE SHUT-OFF
 - PAVED AREA
 - PROPOSED BUILDING
 - SPOT ELEVATION
 - SAWCUT LINE
 - DRAINAGE SHALE
 - X TEMPORARY SILT FENCE

REFERENCE PLANS:

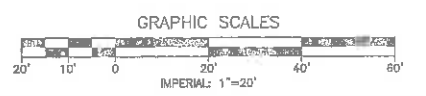
1. *CONSOLIDATION & SUBDIVISION PLAN - CHANDLER STREET, NASHUA, NEW HAMPSHIRE - PREPARED FOR 111 LOCK STREET REALTY - 111 LOCK STREET - NASHUA, N.H. SCALE: 1"=20'. DATED APRIL 19, 1977. PREPARED BY ALLAN H. SWANSON, INC. - LAND SURVEYORS AND RECORDED IN THE H.C.R.D. AS PLAN #10402.

2. *LOT LINE RELOCATION PLAN SHEET 42 LOT 148 & 150 - MORGAN STREET - NASHUA, NEW HAMPSHIRE - PREPARED FOR LORDOR REAL ESTATE ENTERPRISES - 427-3 AMHERST STREET SUITE 316, NASHUA, NEW HAMPSHIRE 03083. SURVEYED BY ROLAND R. GIROUARD, DATED FEBRUARY 28, 1986. SCALE: 1"=20'. RECORDED IN THE H.C.R.D. AS PLAN #19474.



- GENERAL CONSTRUCTION NOTES:**
- ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE REQUIREMENTS AND SPECIFICATIONS OF THE CITY OF NASHUA.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL VERIFY THAT ALL THE INFORMATION SHOWN HEREON IS CONSISTENT, COMPLETE, ACCURATE, AND CAN BE CONSTRUCTED PRIOR TO AND/OR DURING CONSTRUCTION. FIELDSTONE LAND CONSULTANTS, PLLC, AS THE DESIGN ENGINEER, SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR EXISTING UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT NECESSARY ACTION MAY BE TAKEN BEFORE PROCEEDING WITH THE WORK.
 - THE CONTRACTOR SHALL CONTACT "UNSAFE" 72 HOURS PRIOR TO THE START OF CONSTRUCTION (1-800-266-4977 IN NH, 1-603-344-7233 IN MA).
 - COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND SPECIAL CONDITIONS OF TOWN/CITY AGENCIES, SUCH AS THE PLANNING BOARD, ZONING BOARD, CONSERVATION COMMISSION, AND OTHERS, IS MANDATORY AND IS THE RESPONSIBILITY OF THE OWNER.
 - ANY ALTERATION OF THIS DESIGN OR CHANGE DURING CONSTRUCTION MAY REQUIRE APPROVAL OF VARIOUS TOWN/CITY BOARDS OR AGENCIES AND SHALL BE DISCUSSED WITH THE OWNER AND FIELDSTONE LAND CONSULTANTS, PLLC PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE CITY DEPARTMENTS PRIOR TO CONSTRUCTION TO ARRANGE FOR NECESSARY INSPECTIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCURATE AS-BUILT INFORMATION OF ALL WORK, ESPECIALLY UNDERGROUND CONSTRUCTION OF UTILITY LINES, SERVICES, CONNECTIONS, ETC. AND APPROPRIATE TIES TO ABOVE GROUND PERMANENT STRUCTURES, FIELD SURVEY COORDINATES, OR SOME OTHER METHOD OF ESTABLISHING THE AS-BUILT CONDITION OF ALL CONSTRUCTION.
 - THE CONTRACTOR AND OWNER ARE RESPONSIBLE FOR OBSERVING AND MANAGING THE PROJECT PER RSA 430:53 AND AGR 3800 REGARDING INVASIVE SPECIES (PLANTS AND INSECTS). NO INVASIVE SPECIES PLANT OR INSECT SHALL BE INTRODUCED ONTO THE SITE.

- LANDSCAPING LEGEND**
- PLANT SYMBOLS** **PLANT LIST** **QTY.**
- QRY QUERCUS RUBRA (RED OAK) (1) 2.5'-3" GAL.
- LANDSCAPING CALCULATION:
REQUIRED: 1 SHADE TREE / 40 LINEAR FEET OF FRONTAGE
50 FEET OF FRONTAGE / 40 = 1.25 TREES
EXISTING TREES TO REMAIN: 1 TREE
PROPOSED TREES TO BE PLANTED: 1 TREE
TOTAL TREES PROVIDED = 2 SHADE TREES



REV.	DATE	DESCRIPTION	C/O	DR	CK

GRADING & UTILITY PLAN
TAX MAP 42 LOT 221
(54 CHANDLER STREET)
NASHUA, NEW HAMPSHIRE

PREPARED FOR:
LARRY KITTLE
 2 POLLARD ROAD, MERRIMACK, NH 03054

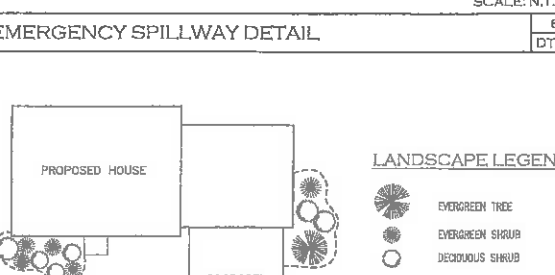
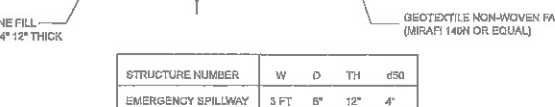
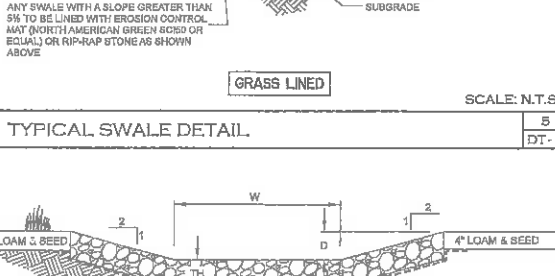
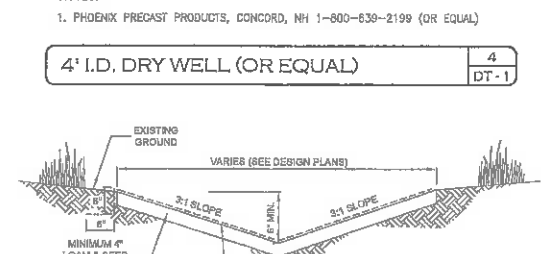
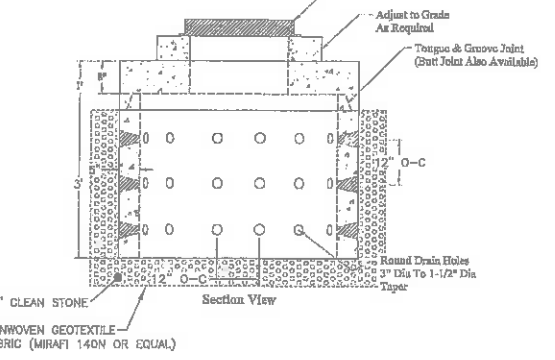
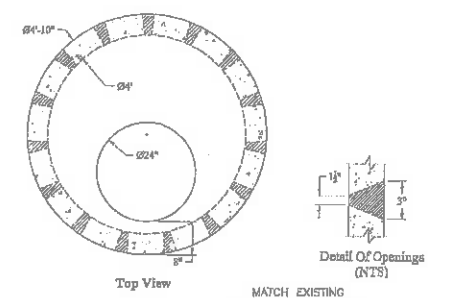
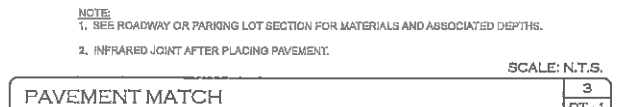
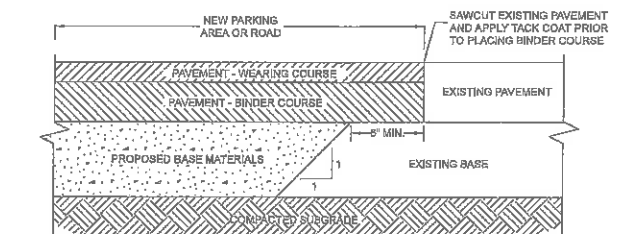
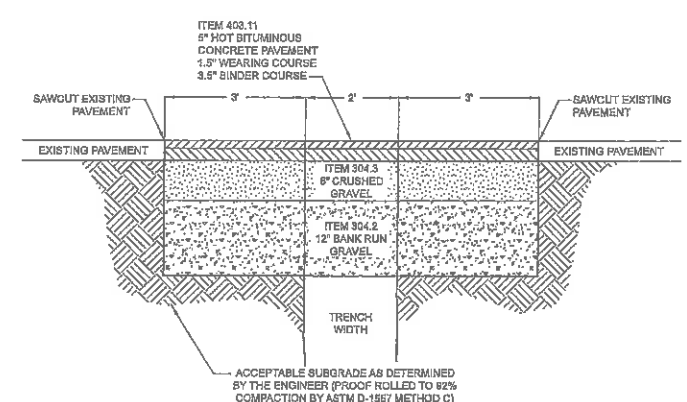
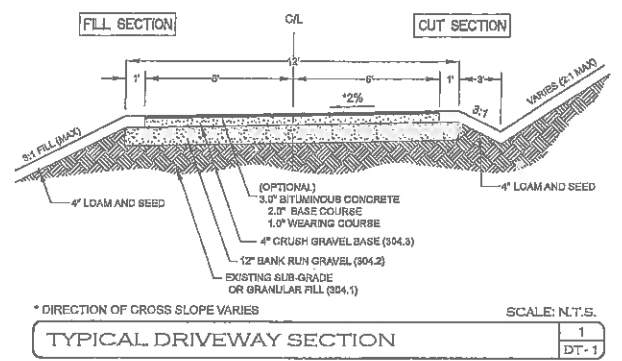
LAND OF:
REBERT DA SILVA PARPINELLI & BRUNO ALEX RICCI
 54 CHANDLER STREET, NASHUA, NH 03084

SCALE: 1" = 20' MAY 27, 2021

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

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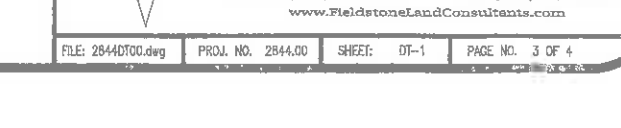
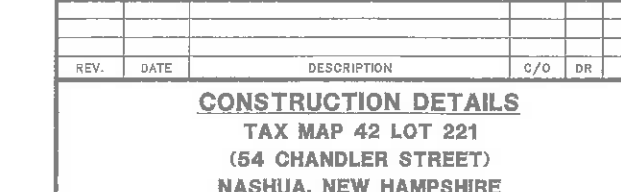
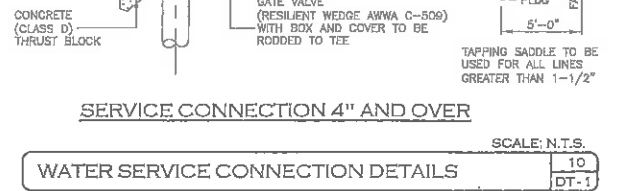
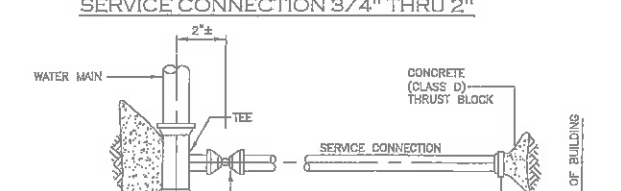
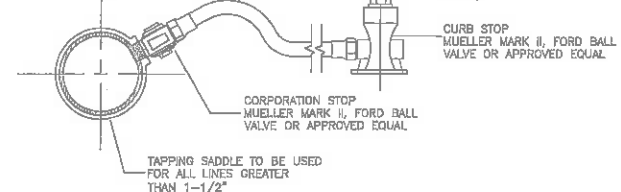
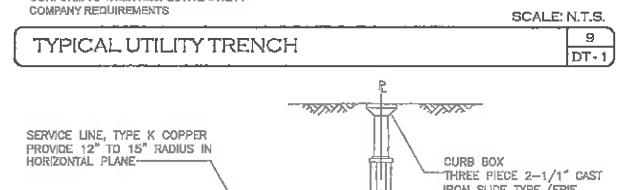
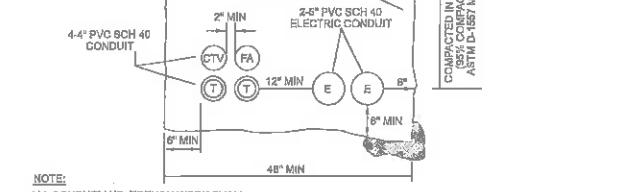
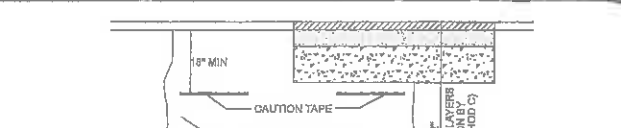
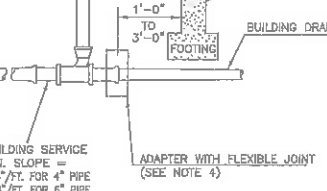
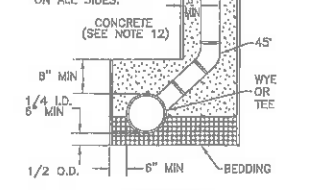
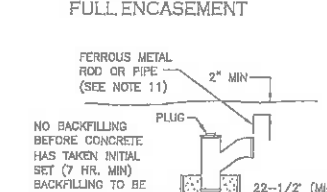
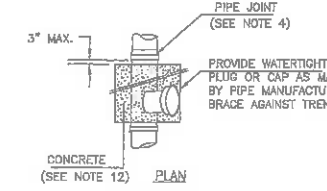
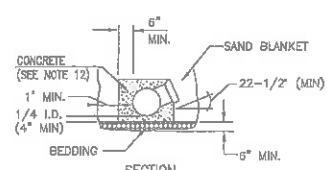


- NOTES:**
1. MINIMUM SIZE PIPE FOR SEWER SERVICE SHALL BE 6 INCHES.
2. PIPE AND JOINT MATERIALS:
A. PLASTIC SEWER PIPE
1. PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING ASTM STANDARDS:
GENERAL PIPE SIZES APPROVED
ASTM STANDARD MATERIAL APPROVED
D3034 PVC (SOLID WALL) 8" THROUGH 15" (SDR 35)
F879 PVC (SOLID WALL) 15" THROUGH 27" (7'-1" & 7'-2")
F799 PVC (SOLID WALL) 4" THROUGH 15" (7'-1" TO 7'-3")
F784 PVC (ROBBED WALL) 8" THROUGH 36"
D2680 ABS (COMPOSITE WALL) 8" THROUGH 15"

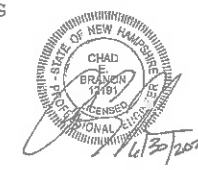
2. JOINTS SEALS FOR PVC PIPE SHALL BE OIL RESISTANT COMPRESSION RINGS OF ELASTOMERIC MATERIAL CONFORMING TO ASTM D-3212 AND SHALL BE PUSH-ON, BELL AND SPIGOT TYPE.
ABS TRUSS PIPE AND FITTINGS SHALL CONFORM TO ASTM D-2880, POLYMER COMPOUNDING SHALL BE TO ASTM D-1789 (CLASS 322).
JOINTS FOR ABS TRUSS PIPE SHALL BE CHEMICAL WELDED COUPLINGS TYPE 50 IN ACCORDANCE WITH ASTM D-2880, FORMING A CHEMICAL WELDED JOINT.

3. DUCTILE-IRON PIPE, FITTINGS AND JOINTS.
1. DUCTILE IRON PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING STANDARDS OF THE UNITED STATES OF AMERICA STANDARDS INSTITUTE:
A21.50 THICKNESS DESIGN OF DUCTILE IRON PIPE AND WITH ASTM A-538 DUCTILE IRON CASTINGS.
A21.51 DUCTILE IRON PIPE, CENTRICALLY CAST IN METAL MOLDS OR SWAG-INED USED UNDER LIQUIDS.
2. JOINTS SHALL BE OF THE MECHANICAL OR PUSH-ON TYPE. JOINTS AND GASKETS SHALL CONFORM TO:
A21.11 RUBBER GASKETS JOINTS FOR CAST IRON PRESSURE PIPE AND FITTINGS.

3. DAMAGED PIPE SHALL BE REJECTED AND REMOVED FROM THE JOB SITE.
4. JOINTS SHALL BE DEPENDENT UPON A NEOPRENE OR ELASTOMERIC GASKET FOR WATER-TIGHTNESS. ALL JOINTS SHALL BE PROPERLY MATCHED WITH THE PIPE MATERIALS USED. WHERE DIFFERENT MATERIALS ARE TO BE CONNECTED AS AT THE STREET SEWER "Y" OR AT THE FOUNDATION WALL, APPROPRIATE ADAPTERS SHALL BE USED.
5. "T" AND "Y" WHERE A "T" OR "Y" IS NOT AVAILABLE IN THE EXISTING STREET SEWER, AN APPROPRIATE CONNECTION SHALL BE MADE IN THE STREET, FOLLOWING MANUFACTURERS' INSTRUCTIONS USING A BOLTED, CLAMPED, OR EPOXY CEMENTED SADDLE TAPPED INTO A SMOOTHLY DRILLED OR SAWN OPENING. THE PRACTICE OF BREAKING AN OPENING WITH A SLEDGE HAMMER, STUFFING CLOTH (OR OTHER SUCH MATERIAL) AROUND THE JOINT OR APPLYING MORTAR TO HOLD THE CONNECTION AND ANY OTHER SIMILAR CURSIVE PRACTICES OR HEPT OR HASTY IMPROVISATIONS WILL NOT BE PERMITTED. THE CONNECTION SHALL BE CONCRETE ENCASED, AS SHOWN IN THE DETAIL, UP TO AND INCLUDING 15" DIAMETER.
6. SLOPING SERVICE INSTALLATION THE PIPE SHALL BE HANGERS PLACED AND TIGHTENED IN ACCORDANCE WITH INSTALLATION GUIDES OF THE APPROVED MANUFACTURER. IT SHALL BE CAREFULLY BEDDED ON A 4" HIGH LAYER OF CRUSHED STONE AND/OR GRAVEL AS SPECIFIED IN NOTE 10, BEDDING AND RE-FILL FOR A DEPTH OF 12 INCHES ABOVE THE TOP OF THE PIPE SHALL BE CAREFULLY TAPPED BY HAND OR WITH APPROPRIATE MECHANICAL DEVICES. THE PIPE SHALL BE LAID AT A CONTINUOUS AND CONSTANT GRADE FROM THE STREET SEWER CONNECTION TO THE HOUSE FOUNDATION AT A GRADE OF NOT LESS THAN 1/4" PER FOOT. PIPE JOINTS SHALL BE MADE UNDER DRY CONDITIONS. IF WATER IS PRESENT, ALL NECESSARY STEPS SHALL BE TAKEN TO SEWER THE TRENCH. A CLEANOUT SHALL BE INSTALLED OUTSIDE THE BUILDING (SEE DETAIL) AND A MINIMUM OF ONE (1) EVERY ONE-HUNDRED (100) FEET THEREAFTER.
7. LEAKING THE COMPLETED HOUSE SEWER SHALL BE SUBJECT TO A LEAKAGE TEST IN ANY OF THE FOLLOWING MANNERS (PRIOR TO BACKFILLING):
A. AN OBSERVATION "T" SHALL BE INSTALLED AS SHOWN. WHEN READY TESTING, AN INFLATABLE BLADDER OR PLUG SHALL BE INSERTED JUST UPSTREAM FROM THE OPENING IN THE "T". AFTER INFLATION, WATER SHALL BE INTRODUCED INTO THE SYSTEM ABOVE THE PLUG TO A HEIGHT OF 5 FEET ABOVE THE LEVEL OF THE PLUG.
B. THE PIPE SHALL BE LEFT EXPOSED AND LIBERALLY HOSED WITH WATER TO SIMULATE, AS NEARLY AS POSSIBLE, WET TRENCH CONDITIONS. IF THE TRENCH IS WET, THE GROUND WATER SHALL BE PERMITTED TO RISE IN THE TRENCH OVER THE PIPE. OBSERVATION FOR LEAKS SHALL BE MADE IN THE FIRST MANHOLE DOWNSTREAM. LEAKAGE SHALL BE OBSERVED IN ANY OF THE ABOVE ALTERNATE TESTS SHALL BE CAUSE FOR NON-ACCEPTANCE AND THE PIPE SHALL BE DUG UP, IF NECESSARY, AND RE-LAID SO AS TO ASSURE WATER-TIGHTNESS.
C. DRY FLOUORESCENT DYE SHALL BE SPRINKLED INTO THE TRENCH OVER THE PIPE. IF THE TRENCH IS DRY, THE PIPE SHALL BE LIBERALLY HOSED WITH WATER. IF THE TRENCH IS WET, GROUND WATER SHALL BE PERMITTED TO RISE IN THE TRENCH OVER THE PIPE. OBSERVATION FOR LEAKS SHALL BE MADE IN THE FIRST MANHOLE DOWNSTREAM. LEAKAGE SHALL BE OBSERVED IN ANY OF THE ABOVE ALTERNATE TESTS SHALL BE CAUSE FOR NON-ACCEPTANCE AND THE PIPE SHALL BE DUG UP, IF NECESSARY, AND RE-LAID SO AS TO ASSURE WATER-TIGHTNESS.
8. LEGAL CONNECTIONS NOTHING BUT SANITARY WASTE FLOW FROM THE BUILDING TOILETS, SINKS, KITCHEN, ETC. SHALL BE PERMITTED. ROOF LEADERS, FLOOR DRAIN, SUMP PUMPS OR ANY OTHER SIMILAR CONNECTION CARRYING RAIN WATER, DRAINAGE OR GROUND WATER SHALL NOT BE PERMITTED.
9. BUILDING WATER SERVICE SHALL NOT BE LAID IN THE SAME TRENCH AS THE SEWER SERVICE.
10. BEDDING, SCREENED GRAVEL AND/OR CRUSHED STONE FREE FROM CLAY, LOAM, ORGANIC MATERIAL AND MEETING ASTM C33-87.
100# PASSING 1" INCH SCREEN
90-100# PASSING 3/4" INCH SCREEN
20-55# PASSING 3/8" INCH SCREEN
0-10# PASSING #4 SIEVE
0-5# PASSING #6 SIEVE
WHERE ORDERED BY THE ENGINEER TO STABILIZE THE TRENCH BASE, SCREENED GRAVEL OR CRUSHED STONE (1-1/2" TO 1/2" INCH) SHALL BE USED.
11. LOCATION THE LOCATION OF THE "T" OR "Y" SHALL BE RECORDED AND FILED IN THE MUNICIPAL RECORDS. IN ADDITION, A FERROUS METAL ROD OR PIPE SHALL BE PLACED OVER THE "T" OR "Y", AS DESCRIBED IN THE TYPICAL CHIMNEY DETAIL, TO AID IN LOCATING THE BURIED PIPE WITH A DP NEEDLE OR PIPEFINDER.
12. CONCRETE CONCRETE SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A (3000 PSI) CONCRETE OF THE VT. AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS AS FOLLOWS: CEMENT: 6.0 BAGS/CY. WATER: 5.75 GALS/BAG CEMENT AGGREGATE: 1" MAX. IF VERTICAL DROP INTO THE SEWER IS GREATER THAN 4 FEET, A CHIMNEY SHALL BE CONSTRUCTED FOR THE BLDG. CONNECTION. CHIMNEY INSTALLATION AS RECOMMENDED BY THE PIPE MANUFACTURER MAY BE USED IF APPROVED BY THE ENGINEER.



CONSTRUCTION DETAILS
TAX MAP 42 LOT 221
(54 CHANDLER STREET)
NASHUA, NEW HAMPSHIRE
PREPARED FOR:
LARRY KITTLE
2 POLLARD ROAD, MERRIMACK, NH 03054
LAND OF:
REBERT DA SILVA PARPINELLI & BRUNO ALEX RICCI
54 CHANDLER STREET, NASHUA, NH 03064
SCALE: AS SHOWN
JANUARY 19, 2021
Surveying + Engineering + Land Planning + Permitting + Septic Designs
FIELDSTONE
LAND CONSULTANTS, PLLC
206 Elm Street, Merrimack, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com
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- INSTALL STONE CHECK DAMS AND SILTATION CONTROL FENCES IN LOCATIONS SHOWN ON PLANS. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATION.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE(S).
- CUT AND CLEAR TREES; DISPOSE OF DERRIS. STUMPS ARE TO BE BURIED ON SITE. STUMPS SHALL BE COMPACTED AND ALL VOIDS FILLED WITH SUITABLE MATERIAL. COVER WITH 4" OF LOAM AND SEED PER THE EROSION CONTROL NOTES.
- REMOVE TOPSOIL AND STOCKPILE AWAY FROM ANY WETLAND. STABILIZE STOCKPILE IMMEDIATELY BY SEEDING. PLACE SILT FENCE AROUND THE DOWN SLOPE SIDE OF EARTH STOCKPILES.
- ROUGH GRADE SITE - CONSTRUCT LEACHING CATCH BASINS AND SWALES DURING INITIAL PORTION OF CONSTRUCTION. STABILIZE IMMEDIATELY PER THE CONSTRUCTION AND EROSION CONTROL DETAILS. DO NOT DIRECT STORM WATER RUNOFF TO THESE STRUCTURES UNTIL A HEALTHY VEGETATIVE COVER IS ESTABLISHED.
- CONSTRUCT BUILDINGS, DRIVEWAYS AND ASSOCIATED SITE IMPROVEMENTS AS SHOWN. ALL CUT AND FILL SLOPES SHALL BE STABILIZED UPON COMPLETION OF ROUGH GRADING PER THE EROSION CONTROL NOTES.
- PLACE STONE CHECK DAMS AROUND INLETS AROUND ALL STRUCTURES UNTIL PAVED/GRAVEL AREAS ARE STABLE AND ALL NON-PAVED DISTURBED AREAS HAVE A HEALTHY VEGETATIVE COVER. SILT BAGS MAY BE UTILIZED IN PLACE OF STONE CHECK DAMS ON CATCH BASINS.
- INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER EVERY 0.25" OR GREATER RAINFALL.
- DAILY OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, CULVERTS, DITCHES, SILTATION FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- FINISH GRADING AND PREPARE FOR LOADING. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS AFTER FINAL GRADING.
- FINISH CONSTRUCTING DRIVEWAYS. PERMANENT SEEDING SHALL BE PERFORMED UPON COMPLETION OF PAVING, IF ANY (SEE EROSION CONTROL NOTES).
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- STORMWATER FLOWS ARE NOT TO BE DIRECTED INTO THE LEACHING CATCH BASINS OR DRAINAGE SWALES UNTIL THE CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
- ALL STRUCTURES SHALL BE CLEANED OF SEDIMENTS ONCE CONSTRUCTION IS COMPLETE.

CONSTRUCTION SEQUENCE NOTES

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DT-2

EROSION CONTROL (GENERAL CONSTRUCTION)

- PRIOR TO STARTING ANY WORK ON THE SITE THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PER PLANS AND DETAILS. PERIMETER CONTROLS SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF EARTH DISTURBING ACTIVITIES.
- EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEN POSSIBLE.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE KEPT CLEAN DURING CONSTRUCTION. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EVERY 0.25-INCH OR GREATER RAINFALL. SEDIMENTS SHALL BE DISPOSED OF IN AN UPLAND AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND BE PERMANENTLY STABILIZED.
- THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION.
- THE LAND AREA EXPOSED SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME. ALL NON-ACTIVE DISTURBED AREAS SHALL BE STABILIZED WITHIN 30 DAYS OF THE DISTURBANCE. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF FINAL GRADING.
- DITCHES, SWALES AND DRAINAGE BASINS SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3-INCHES OF NON-EROSIVE MATERIAL, SUCH AS STONE OR RIPRAP, HAS BEEN INSTALLED; OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- EROSION CONTROL BLANKETS SHALL BE INSTALLED ON ALL SLOPES THAT ARE STEEPER THAN 3:1 (HORIZONTAL / VERTICAL), UNLESS OTHERWISE SPECIFIED THE CONTRACTOR SHALL USE NORTH AMERICAN GREEN SC150, OR APPROVED EQUAL.
- ALL AREAS RECEIVING EROSION CONTROL STONE OR RIPRAP SHALL HAVE A GEOTEXTILE MATERIAL INSTALLED BELOW THE STONE (SEE APPROPRIATE DETAILS).
- ALL DISTURBED AREAS TO TURF FINISHED SHALL BE COVERED WITH A MINIMUM THICKNESS OF 4 INCHES OF COMPACTED LOAM. LOAM SHALL BE COVERED WITH THE APPROPRIATE SEED MIXTURE AS INDICATED BELOW:

PERMANENT SEED (LAWN AREAS)	POUNDS / 1,000 SQUARE FEET
CREeping RED FESCUE	0.92 LBS
PERENNIAL RYEGRASS	1.10 LBS
KENTUCKY BLUEGRASS	0.58 LBS
REDTOP	0.12 LBS
APPLICATION RATE TOTALS 2.8 LBS PER 1,000 SF	

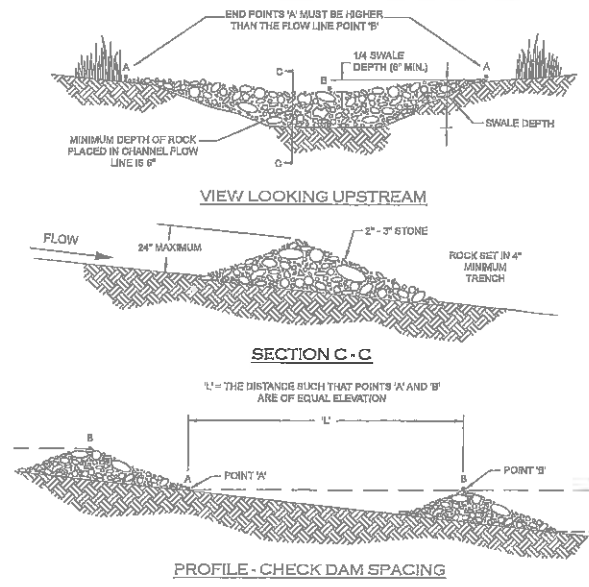
- APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE (CRITICAL TIME FRAMES OR VARIABLE SITES) THEN APPLY FERTILIZER AT A RATE OF 11 POUNDS PER 1,000 SF AND LIMESTONE AT A RATE OF 50 POUNDS PER 1,000 SF. FERTILIZER SHALL BE LOW PHOSPHATE (LESS THAN 2% PHOSPHORUS).
- CAUTION SHOULD BE TAKEN WHEN THE PROPERTY IS LOCATED WITHIN 250 FEET OF A WATER BODY. IN THIS CASE ALL FERTILIZERS SHALL BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER. SLOW RELEASE FERTILIZERS MUST BE AT LEAST 80% SLOW RELEASE NITROGEN COMPONENT. NO FERTILIZER EXCEPT LIMESTONE SHALL BE APPLIED WITHIN 25 FEET OF THE SURFACE WATER. THESE ARE REGULATED LIMITATIONS.
- PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS (SEE WINTER CONSTRUCTION NOTES). NO DISTURBED AREAS SHALL BE LEFT EXPOSED DURING THE WINTER MONTHS.
- A VISCIDIOUS DUST CONTROL PROGRAM SHALL BE APPLIED BY THE SITE CONTRACTOR. DUST SHALL BE MANAGED THROUGH THE USE OF WATER AND/OR CALCIUM CHLORIDE.
- IN NO WAY ARE THE MEASURES INDICATED ON THE PLANS OR IN THESE NOTES TO BE CONSIDERED ALL-INCLUSIVE. THE CONTRACTOR SHALL USE JUDGEMENT TO INSTALL ADDITIONAL EROSION CONTROL MEASURES AS SITE CONDITIONS, WEATHER OR CONSTRUCTION METHODS WARRANT.
- FOLLOWING PERMANENT STABILIZATION, TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND ACCUMULATED SEDIMENTATION IS TO BE DISPOSED OF IN AN APPROVED LOCATION, OUTSIDE OF JURISDICTIONAL WETLANDS.

EROSION CONTROL (WINTER CONSTRUCTION)

- ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED. STABILIZATION METHODS SHALL INCLUDE SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL OR PROPERLY INSTALLED EROSION CONTROL BLANKETS COVERED WITH MULCH. OTHER STABILIZATION OPTIONS ARE TO BE APPROVED BY THE APPROPRIATE AGENCIES AND THE DESIGN ENGINEER. IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER MONTHS THEN THE ROAD SHOULD BE CLEARED OF ACCUMULATED SNOW AFTER EACH STORM EVENT.

EROSION CONTROL NOTES

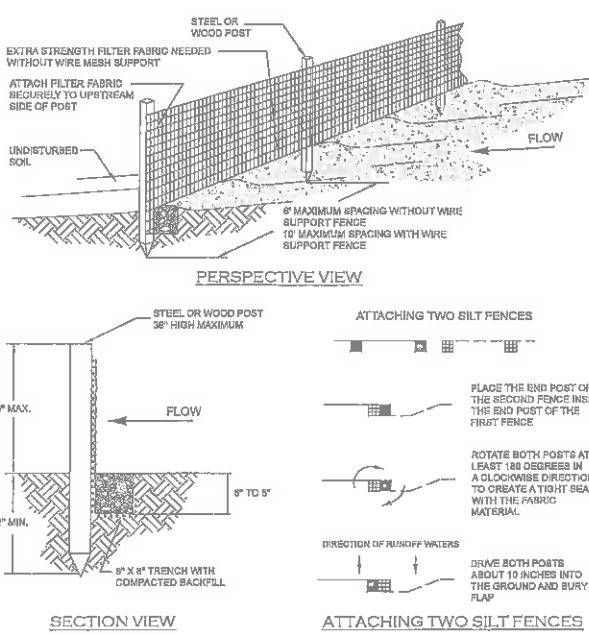
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- NOTES:**
- STONE CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
 - THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE CHECK DAM SHOULD BE LESS THAN ONE ACRE.
 - STONE CHECK DAMS SHOULD NOT BE USED IN A FLOWING STREAM.
 - STONE CHECK DAMS SHOULD BE CONSTRUCTED OF WELL-GRADED ANGULAR 2 TO 3 INCH STONE. THE INSTALLATION OF 3/4-INCH STONE ON THE UPGRADIENT FACE IS RECOMMENDED FOR BETTER FILTERING.
 - WHEN INSTALLING STONE CHECK DAMS THE CONTRACTOR SHALL KEY THE STONES INTO THE CHANNEL BANKS AND EXTEND THE STONE BEYOND THE ABUTMENTS A MINIMUM OF 18-INCHES TO PREVENT FLOW AROUND THE DAM.
 - STONE CHECK DAMS SHOULD BE REMOVED ONCE THE SWALE OR DITCH HAS BEEN STABILIZED UNLESS OTHERWISE SPECIFIED.

STONE CHECK DAM

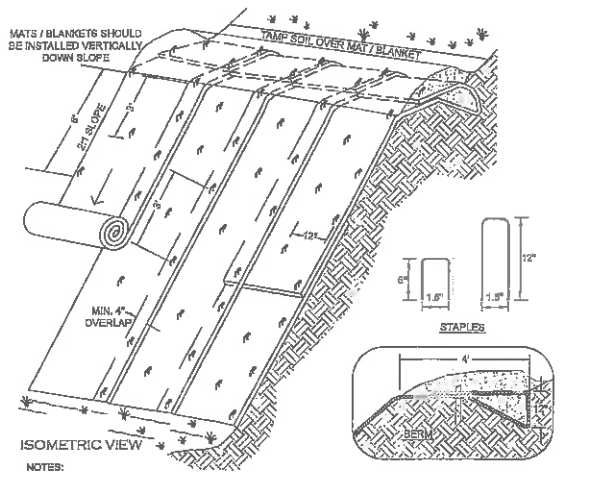
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- NOTES:**
- SILT FENCES SHOULD NOT BE USED ACROSS STREAMS, CHANNELS, SWALES, DITCHES OR OTHER DRAINAGE WAYS.
 - SILT FENCE SHOULD BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE AND THE ENDS OF THE SILT FENCES SHOULD BE FLARED UPSLOPE.
 - IF THE SITE CONDITIONS INCLUDE FROZEN GROUND, LEDGE OR THE PRESENCE OF HEAVY ROOTS THE BASE OF THE FABRIC SHOULD BE EMBEDDED WITH A MINIMUM THICKNESS OF 8 INCHES OF 3/4-INCH STONE.
 - SILT FENCES PLACED AT THE TOE OF SLOPES SHOULD BE INSTALLED AT LEAST 8 FEET FROM THE TOE TO ALLOW SPACE FOR SHALLOW PONDING AND ACCESS FOR MAINTENANCE.
 - THE MAXIMUM SLOPE ABOVE THE FENCE SHOULD BE 2:1 AND THE MAXIMUM LENGTH OF SLOPE ABOVE THE FENCE SHOULD BE 100 FEET.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - SILT FENCES SHOULD BE REMOVED WHEN THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

SILT FENCE

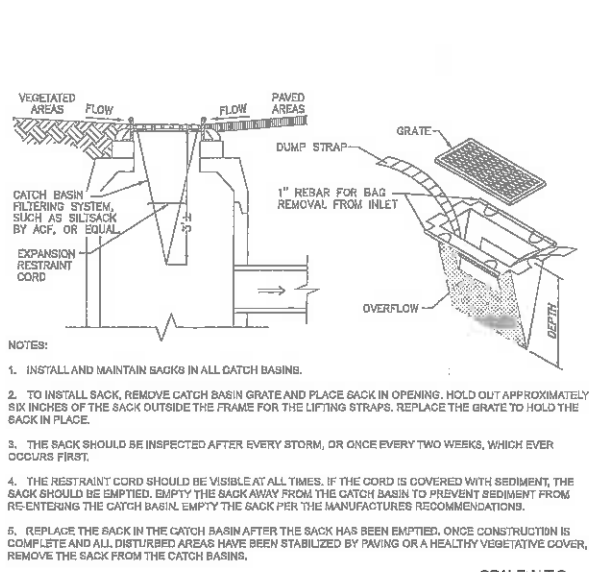
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- NOTES:**
- DIMENSIONS GIVEN IN THIS DETAIL ARE EXAMPLES; DEVICE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 - INSTALL STRAW/COCO/MAT FIBER EROSION CONTROL MAT SUCH AS NORTH AMERICAN GREEN SC150 OR EQUAL ON ALL SLOPES EXCEEDING 3' HORIZ.: 1' VERT.
 - THE EROSION CONTROL MATERIAL(S) SHALL BE ANCHORED WITH "U" SHAPED 11 GAUGE WIRE STAPLES OR WOODEN STAKES WITH A MINIMUM TOP WIDTH OF 1 INCH AND LENGTH OF 7 INCH.
 - SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 - APPLY LIME, FERTILIZER AND PERMANENT SEEDING BEFORE PLACING BLANKETS.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET AS SHOWN. ROLL THE BLANKETS DOWN THE SLOPE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES OR STAKES IN APPROPRIATE LOCATIONS. REFER TO MANUFACTURER'S STAPLE GUIDE FOR CORRECT STAPLE PATTERN.
 - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
 - IN LOOSE SOIL CONDITIONS THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 8 INCHES MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
 - THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL COMPORT OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED AND REMULCHED AS DIRECTED.

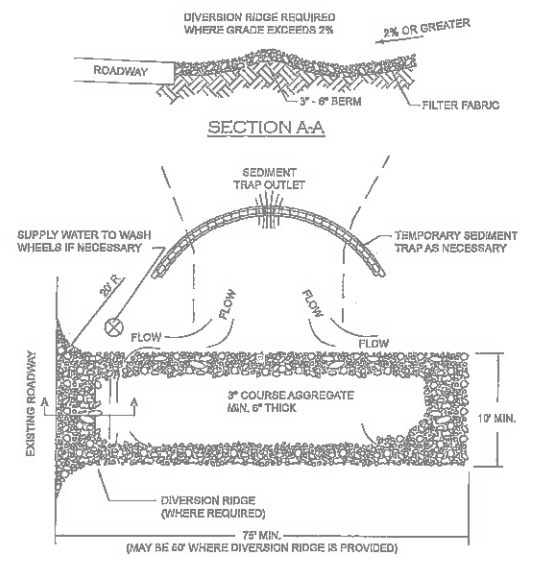
EROSION BLANKETS - SLOPE INSTALLATION

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SILT SACK SEDIMENT FILTER

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DT-2



- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - THE MINIMUM STONE USED SHOULD BE 3-INCH CRUSHED STONE.
 - THE MINIMUM LENGTH OF THE PAD SHOULD BE 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 60 FEET IF A 5-INCH TO 6-INCH HIGH BERM IS INSTALLED AND THE ENTRANCE OF THE PAD SITE.
 - THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS ROAD OR 10 FEET, WHICHEVER IS GREATER.
 - THE PAD SHOULD SLOPE AWAY FROM THE EXISTING ROADWAY.
 - THE PAD SHOULD BE AT LEAST 8-INCHES THICK.
 - THE GEOTEXTILE FILTER FABRIC SHOULD BE PLACED BETWEEN THE STONE PAD AND THE EARTH SURFACE BELOW THE PAD.
 - THE PAD SHALL BE MAINTAINED OR REPLACED WHEN MUD AND SOIL PARTICLES CLOG THE VOIDS IN THE STONE SUCH THAT MUD AND SOIL PARTICLES ARE TRACKED OFF-SITE.
 - NATURAL DRAINAGE THAT CROSSES THE LOCATION OF THE STONE PAD SHOULD BE INTERCEPTED AND PIPED BENEATH THE PAD, AS NECESSARY, WITH SUITABLE OUTLET PROTECTION.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 - ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT. SEE NOTES ERO-03.

TEMPORARY GRAVEL CONSTRUCTION EXIT

SCALE: N.T.S.
7
DT-2

CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION
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STATE OF NEW HAMPSHIRE
CHAD E. BRANNON
6/30/2021

REV. DATE DESCRIPTION C/O DR CK

EROSION CONTROL DETAILS
TAX MAP 42 LOT 221
(54 CHANDLER STREET)
NASHUA, NEW HAMPSHIRE
PREPARED FOR:
LARRY KITTLE
2 POLLARD ROAD, MERRIMACK, NH 03054
LAND OF:
REBERT DA SILVA PARPINELLI & BRUNO ALEX RICCI
54 CHANDLER STREET, NASHUA, NH 03064
SCALE: AS SHOWN JULY 1, 2021
Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs
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LAND CONSULTANTS, PLLC
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Phone: (603) 672-5456 Fax: (603) 413-5456
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