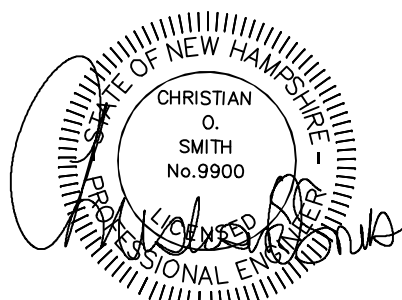


COLCORD MEADOW
RESIDENTIAL SITE PLAN
12 LITTLE RIVER ROAD
EXETER, NH
TAX MAP 62, LOT 90

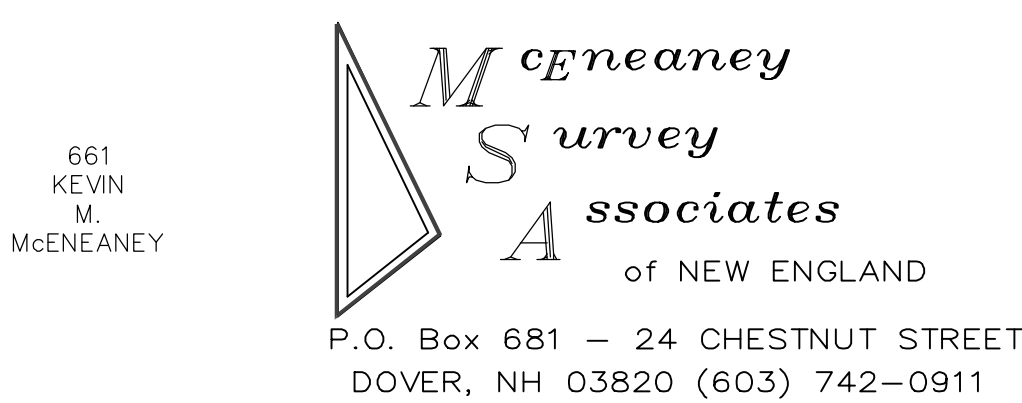
CIVIL ENGINEERS:



70 PORTSMOUTH AVE,
THIRD FLOOR, SUITE 2
STRATHAM, N.H. 03885
PHONE: 603-583-4860,
FAX: 603-583-4863

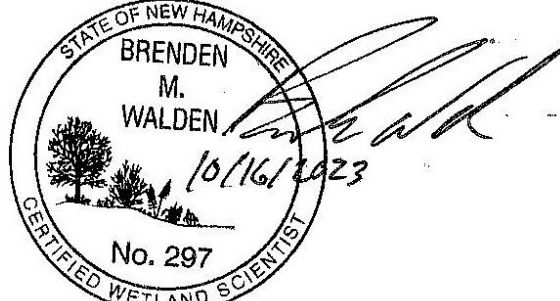


LAND SURVEYORS:



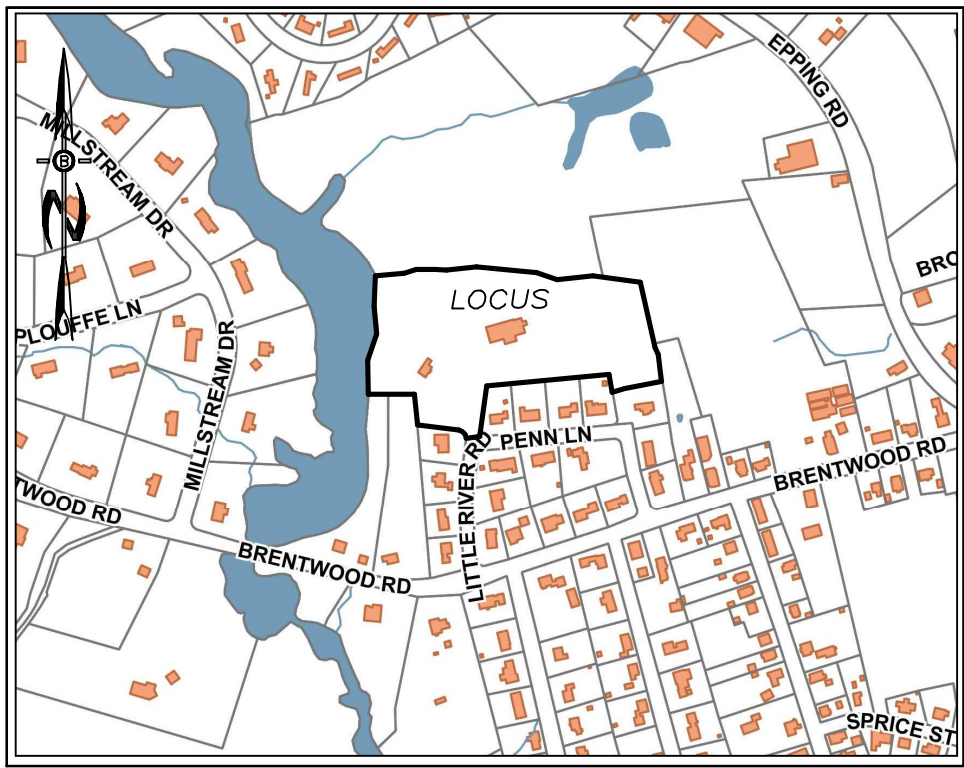
WETLAND / SOIL
CONSULTANT:

GOVE ENVIRONMENTAL SERVICES INC.
8 CONTINENTAL DRIVE,
BLDG 2 UNIT H
EXETER, NH 03833
1-603-778-0644



The Exeter Zoning Board of Adjustment, at its September 21st, 2021 meeting,
voted to grant the above-captioned application for a variance from Article 4,
Section 4.3 Schedule II: Density & Dimensional Regulations-Residential to permit a
proposed minor subdivision of the property located at 12 Little River Road with less
than the required minimum lot width/frontage requirements, as presented.

LOCATION MAP



SCALE: 1"=500'

INDEX

TITLE SHEET

- 1 EXISTING CONDITIONS PLAN
- 2 LOT LINE ADJUSTMENT PLAN
- 3 CONDOMINIUM SITE PLAN
- 4 YIELD PLAN
- 5 DEMOLITION/EROSION CONTROL PLAN
- 6 RESIDENTIAL SITE PLAN
- 7 PROFILE & UTILITY PLAN
- 8 CONSTRUCTION DETAILS SHEET
- 9 EROSION CONTROL DETAILS
- 10 EFFLUENT DISPOSAL DETAILS

PLAN SET LEGEND

5/8" REBAR	●	OVERHEAD ELEC. LINE	— x —
DRILL HOLE	○	FENCING	— D —
CONC. BOUND	□	DRAINAGE LINE	— S —
UTILITY POLE	⊙	SEWER LINE	— G —
DRAIN MANHOLE	⊗	GAS LINE	— W —
SEWER MANHOLE	⊕	WATER LINE	— — —
EXISTING LIGHT POLE	☆	STONE WALL	— — —
EXISTING CATCH BASIN	⊞	TREE LINE	— — —
PROPOSED CATCH BASIN	⊞	ABUT. PROPERTY LINES	— — —
WATER GATE	⊞	EXIST. PROPERTY LINES	— — —
WATER SHUT OFF	⊞	BUILDING SETBACK LINES	— — —
HYDRANT	⊞	EXIST. CONTOUR	— 100 —
PINES, ETC.	⊞	PROP. CONTOUR	— 100 —
MAPLES, ETC.	⊞	SOIL LINES	— — —
EXIST. SPOT GRADE	⊞		
PROP. SPOT GRADE	⊞		
DOUBLE POST SIGN	⊞		
SINGLE POST SIGN	⊞		

OWNER/APPLICANT:

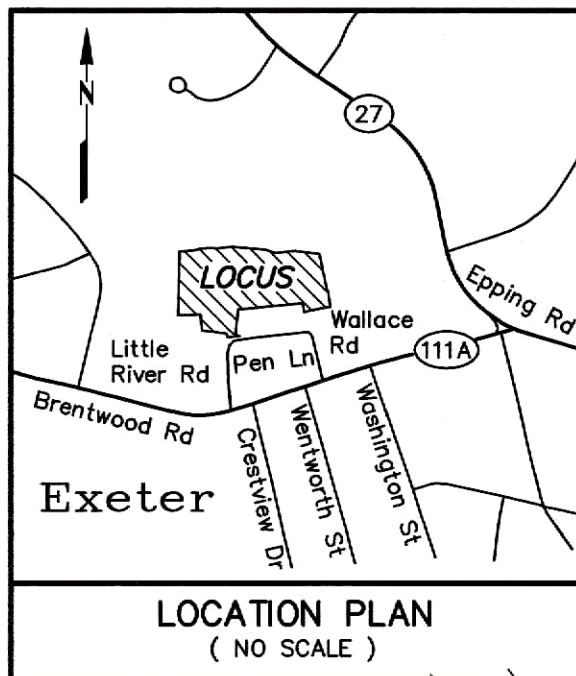
GRANTIE STATE CONSTRUCTION
SERVICES, LLC
34 AUBURN STREET
EXETER, NH

REQUIRED STATE AND FEDERAL PERMITS
NHDES SEWER EXT. #2023....
NHDES WATER EXT. #2023....
EPA CGP#:

PB CASE #

CHAIRMAN SIGNATURE:

	REVISIONS:	DATE:
1	ISSUED 8-29-23	
2	REVISED PER TRC REVIEW	10/10/23
3	REVISED PER TRC REVIEW	11/8/23
4		
5		



REFERENCE PLANS:

- SUBDIVISION PLAN PREPARED FOR GRANITE STATE CONSTRUCTION SERVICES, LLC, OF PROPERTY IN THE NAME OF CALVARY BAPTIST CHURCH OF EXETER, INC., SHOWN AS TAX MAP 62 / LOT 90 LOCATED AT 12 LITTLE RIVER ROAD, COUNTY OF ROCKINGHAM, EXETER, NH; SCALE: 1" = 40'; DATED: AUGUST 5, 2021, REVISED THROUGH 12/7/21; BY: DAVID W. VINCENT, LLS, LAND SURVEYING SERVICES; RECORDED R.C.R.D. PLAN D-43143.
- PLAN OF LAND FOR CALVARY BAPTIST CHURCH, LITTLE RIVER ROAD, EXETER, NH; DATED: JUNE 1982; BY: K. E. MOORE & B. G. STAPLES, REVISED BY PARKER SURVEY ASSOC., INC.; RECORDED R.C.R.D. PLAN D-10865.

55 / 3
BOULDERS REALTY CORP.
PO BOX 190
EXETER, NH 03833
5704 / 2344

55 / 3-2
INTEGRITY VENTURES, INC.
21 RED FOX LANE
BARRINGTON, NH 03825
5983 / 1221

55 / 3-1

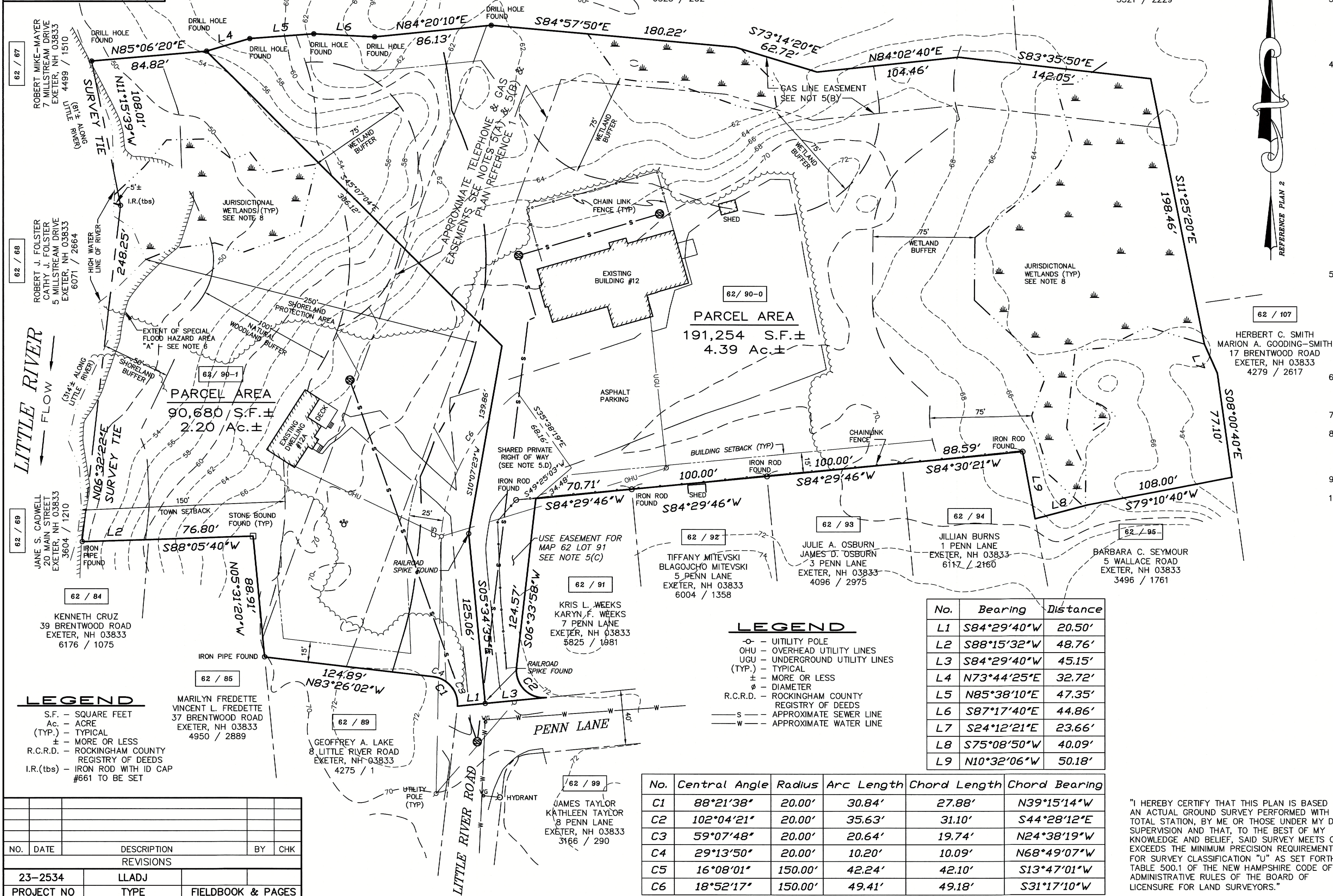
SEACOAST EARLY LEARNING CENTER
REAL ESTATE DEVELOPMENT, LLC
5 MCKAY DRIVE
EXETER, NH 03833
6323 / 202

55 / 3-3

COLCORD POND ASSOCIATES, LLC
80 NASHUA ROAD, SUITE 24
LONDONDERRY, NH 03053
5704 / 2406

62 / 111

PATRICIA A. WASHBURN REVOCAABLE TRUST 2004
PATRICIA A. WASHBURN, TRUSTEE
39 BOWVIEW DRIVE
STRAFFORD, NH 03884
3521 / 2229

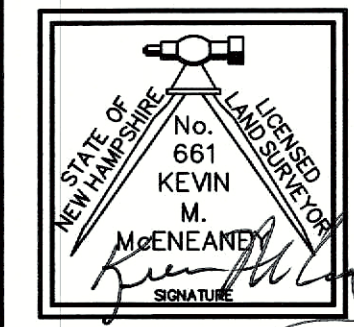
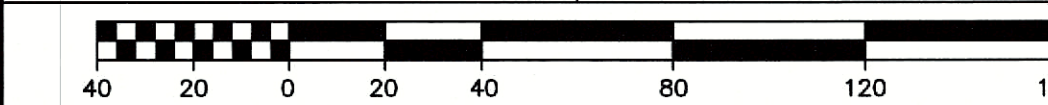


NOTES:

- OWNERS OF RECORD:
62 / 19-0 GRANITE STATE CONSTRUCTION SERVICES LLC
34 AUBURN STREET
EXETER, NEW HAMPSHIRE 03833
R.C.R.D. VOLUME 6502, PAGE 2920
62 / 19-1 TYLER J. PETERS
OLIVIA MICHAUD
12A LITTLE RIVER ROAD
EXETER, NEW HAMPSHIRE 03833
R.C.R.D. VOLUME 6414, PAGE 567
- 62 / 19-0 - DENOTES TAX MAP AND PARCEL NUMBER.
- THE INTENT OF THIS PLAN DEPICT THE EXISTING CONDITIONS OF THE SUBJECT PARCELS AS OF THE DATE OF THIS PLAN.
LOT ORIGINAL AREA NEW AREA
62/90-0 191,254 S.F. (4.39 Ac.) 218,160 S.F. (5.01 Ac.)
62/90-1 90,680 S.F. (2.20 Ac.) 63,775 S.F. (1.46 Ac.)
- ZONING DISTRICT: R-2 SINGLE FAMILY
DIMENSIONAL REQUIREMENTS:
MINIMUM LOT SIZE = 15,000 S.F. / UNIT
MINIMUM FRONTAGE = 100 FEET
MINIMUM WIDTH = 100 FEET
BUILDING SETBACK REQUIREMENTS:
FRONT SETBACK = 25 FEET
SIDE SETBACK = 15 FEET
REAR SETBACK = 25 FEET
MAXIMUM BUILDING HEIGHT = 35 FEET (3 STORIES)
WETLAND SETBACKS:
NO-DISURBANCE = 40 FEET
PARKING = 50 FEET
BUILDING = 75 FEET
THE EXETER ZONING BOARD OF ADJUSTMENT (CASE #21-10), AT ITS SEPTEMBER 21, 2021 MEETING, VOTED TO GRANT A VARIANCE FROM ARTICLE 4, SECTION 4.3 SCHEDULE II: DENSITY & DIMENSIONAL REGULATIONS-RESIDENTIAL TO PERMIT A PROPOSED MINOR SUBDIVISION OF THE PROPERTY LOCATED AT 12 LITTLE RIVER ROAD WITH LESS THAN THE REQUIRED MINIMUM LOT WIDTH/FRONTAGE REQUIREMENTS.
- THE PARCELS ARE SUBJECT TO THE FOLLOWING EASEMENTS
A.) PARCELS ARE SUBJECT TO AN EASEMENT TO NEW ENGLAND TELEPHONE & TELEGRAPH CO. AS DESCRIBED IN RCOR BK 992, PG 157.
B.) PARCELS ARE SUBJECT TO AN EASEMENT TO ALLIED-NEW HAMPSHIRE GAS CO. AS DESCRIBED IN RCOR BK 1378, PG 221.
C.) PARCEL 62/90-0 IS SUBJECT TO A USE EASEMENT TO BENEFIT MAP 62 LOT 91 AS DESCRIBED IN RCOR BK 2792, PG 597.
D.) PARCELS HAVE A SHARED PRIVATE RIGHT OF WAY AS SHOWN ON REFERENCE PLAN 2.
6.) A PORTION OF THE PARCEL IS LOCATED IN A FLOOD HAZARD ZONE A AS DEPICTED ON FLOOD INSURANCE RATE MAP, NO. 33015C0401E, ROCKINGHAM COUNTY, NH, (ALL JURISDICTIONS), EFFECTIVE DATE: MAY 17, 2005
7.) BASIS OF BEARING IS REFERENCE PLAN 2.
8.) THE WETLAND AREAS SHOWN HEREON WERE FIELD DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC., OF 8 CONTINENTAL DRIVE, BUILDING #2, UNIT H, EXETER, NH. IN 2021, AND RE-EVALUATED AND UPDATED ON AUGUST 1, 2023, AND PROVIDED BY BEALS ASSOCIATES, PLLC.
9.) PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM REFERENCE PLAN 2.
10.) PARCELS ARE SUBJECT TO THE STATE OF NEW HAMPSHIRE SHORELINE WATER QUALITY PROTECTION ACT (SWQPA). THOSE AREAS WITHIN 250 FEET OF THE LITTLE RIVER REFERENCE LINE.

EXISTING CONDITIONS PLAN
PREPARED FOR
TYLER J. PETERS & OLIVIA MICHAUD
AND
GRANITE STATE CONSTRUCTION SERVICES LLC
TAX MAP 62, LOT Nos. 90-0 & 90-1
12A & 12 LITTLE RIVER ROAD
TOWN of EXETER
COUNTY of ROCKINGHAM
STATE of NEW HAMPSHIRE

DRAWN BY: KJF
SCALE: 1" = 40'
FILE: MSA\2534\DW\23-2534
DATE: OCTOBER 16, 2023



Mcneaney
Survey
Associates
of NEW ENGLAND

P.O. Box 681 - 24 CHESTNUT STREET
DOVER, NH 03820 (603) 742-0911

SURVEYING - PLANNING - CONSULTING

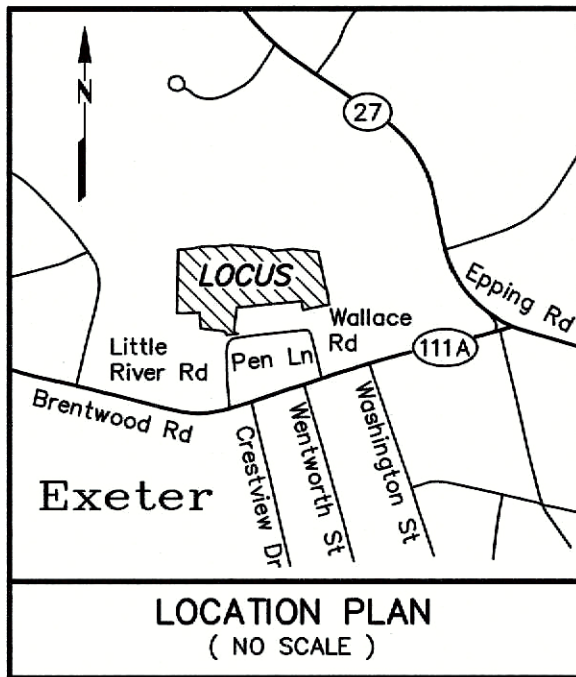
LEGEND

- UTILITY POLE
- OHU - OVERHEAD UTILITY LINES
- UGU - UNDERGROUND UTILITY LINES
- (TYP.) - TYPICAL
- ± - MORE OR LESS
- DIAMETER
- R.C.R.D. - ROCKINGHAM COUNTY
- REGISTRY OF DEEDS
- S - APPROXIMATE SEWER LINE
- W - APPROXIMATE WATER LINE

No.	Bearing	Distance
L1	S84°29'40"W	20.50'
L2	S88°15'32"W	48.76'
L3	S84°29'40"W	45.15'
L4	N73°44'25"E	32.72'
L5	N85°38'10"E	47.35'
L6	S87°17'40"E	44.86'
L7	S24°12'21"E	23.66'
L8	S75°08'50"W	40.09'
L9	N10°32'06"W	50.18'

No.	Central Angle	Radius	Arc Length	Chord Length	Chord Bearing
C1	88°21'38"	20.00'	30.84'	27.88'	N39°15'14"W
C2	102°04'21"	20.00'	35.63'	31.10'	S44°28'12"E
C3	59°07'48"	20.00'	20.64'	19.74'	N24°38'19"W
C4	29°13'50"	20.00'	10.20'	10.09'	N68°49'07"W
C5	16°08'01"	150.00'	42.24'	42.10'	S13°47'01"W
C6	18°52'17"	150.00'	49.41'	49.18'	S31°17'10"W

"I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL GROUND SURVEY PERFORMED WITH A TOTAL STATION, BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, SAID SURVEY MEETS OR EXCEEDS THE MINIMUM PRECISION REQUIREMENTS FOR SURVEY CLASSIFICATION "U" AS SET FORTH IN TABLE 500.1 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS."



REFERENCE PLANS:

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- PLAN OF LAND FOR CALVARY BAPTIST CHURCH, LITTLE RIVER ROAD, EXETER, NH; DATED: JUNE 1982; BY: K. E. MOORE & B. G. STAPLES, REVISED BY PARKER SURVEY ASSOC., INC.; RECORDED R.C.R.D. PLAN D-10865.

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5704 / 2344

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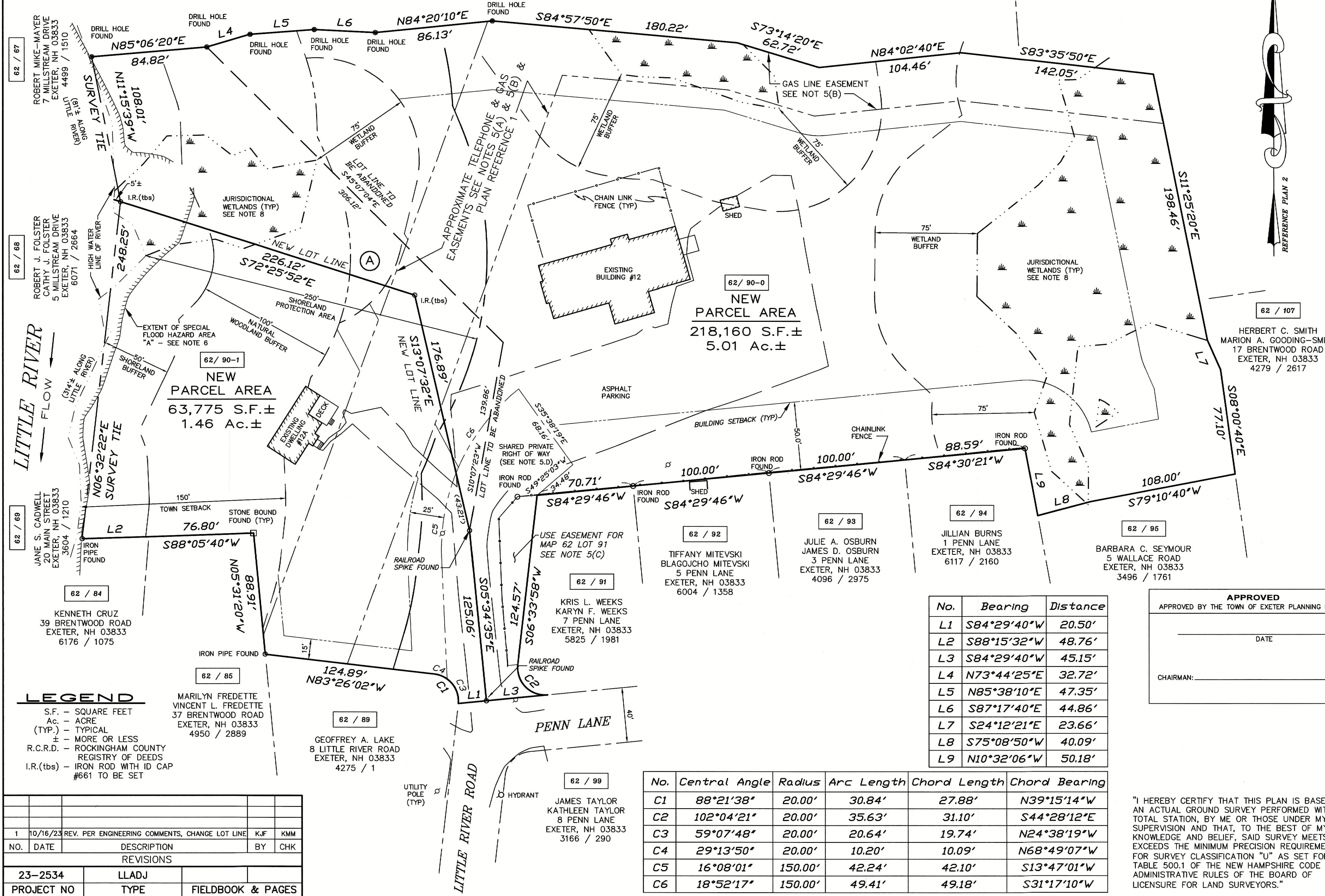
62 / 111

PATRICIA A. WASHBURN REVOCABLE TRUST 2004
PATRICIA A. WASHBURN, TRUSTEE
39 BOWVIEW DRIVE
STRAFFORD, NH 03884
3521 / 2229

NOTES:

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34 AUBURN STREET
EXETER, NEW HAMPSHIRE 03833
R.C.R.D. VOLUME 6502, PAGE 2920
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OLIVIA MICHAUD
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R.C.R.D. VOLUME 6414, PAGE 567
- 62 / 19-0 - DENOTES TAX MAP AND PARCEL NUMBER.
- THE INTENT OF THIS PLAN IS TO ADJUST THE LOT LINES OF THE SUBJECT PARCELS AS SHOWN. PARCEL A (26,906 S.F.) IS TO BE ADDED TO LOT 62/90-0:

LOT	ORIGINAL AREA	NEW AREA
62/90-0	191,254 S.F. (4.39 Ac.)	218,160 S.F. (5.01 Ac.)
62/90-1	90,680 S.F. (2.20 Ac.)	63,775 S.F. (1.46 Ac.)
- ZONING DISTRICT: R-2 SINGLE FAMILY
DIMENSIONAL REQUIREMENTS:
MINIMUM LOT SIZE = 15,000 S.F. / UNIT
MINIMUM FRONTAGE = 100 FEET
MINIMUM WIDTH = 100 FEET
BUILDING SETBACK REQUIREMENTS:
FRONT SETBACK = 25 FEET
SIDE SETBACK = 15 FEET
REAR SETBACK = 25 FEET
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BUILDING = 75 FEET
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B.) PARCELS ARE SUBJECT TO AN EASEMENT TO ALLIED-NEW HAMPSHIRE GAS CO. AS DESCRIBED IN RCRD BK 1378, PG 221.
C.) PARCEL 62/90-0 IS SUBJECT TO A USE EASEMENT TO BENEFIT MAP 62 LOT 91 AS DESCRIBED IN RCRD BK 2792, PG 597.
D.) PARCELS HAVE A SHARED PRIVATE RIGHT OF WAY AS SHOWN ON REFERENCE PLAN 2.
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- PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM REFERENCE PLAN 2.
- PARCELS ARE SUBJECT TO THE STATE OF NEW HAMPSHIRE SHORELINE WATER QUALITY PROTECTION ACT (SWQPA). THOSE AREAS WITHIN 250 FEET OF THE LITTLE RIVER REFERENCE LINE.



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L2	S88°15'32"W	48.76'
L3	S84°29'40"W	45.15'
L4	N73°44'25"E	32.72'
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L7	S24°12'21"E	23.66'
L8	S75°08'50"W	40.09'
L9	N10°32'06"W	50.18'

No.	Central Angle	Radius	Arc Length	Chord Length	Chord Bearing
C1	88°21'38"	20.00'	30.84'	27.88'	N39°15'14"W
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C3	59°07'48"	20.00'	20.64'	19.74'	N24°38'19"W
C4	29°13'50"	20.00'	10.20'	10.09'	N68°49'07"W
C5	16°08'01"	150.00'	42.24'	42.10'	S13°47'01"W
C6	18°52'17"	150.00'	49.41'	49.18'	S31°17'10"W

"I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL GROUND SURVEY PERFORMED WITH A TOTAL STATION, BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, SAID SURVEY MEETS OR EXCEEDS THE MINIMUM PRECISION REQUIREMENTS FOR SURVEY CLASSIFICATION "U" AS SET FORTH IN TABLE 500.1 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS."

LOT LINE ADJUSTMENT PLAN
PREPARED FOR
TYLER J. PETERS & OLIVIA MICHAUD
AND
GRANITE STATE CONSTRUCTION SERVICES LLC
TAX MAP 62, LOT Nos. 90-0 & 90-1
12A & 12 LITTLE RIVER ROAD
TOWN of EXETER
COUNTY of ROCKINGHAM
STATE of NEW HAMPSHIRE

DRAWN BY: KJF
SCALE: 1" = 40'

FILE: MSA\2534\DWG\23-2534
DATE: OCTOBER 4, 2023

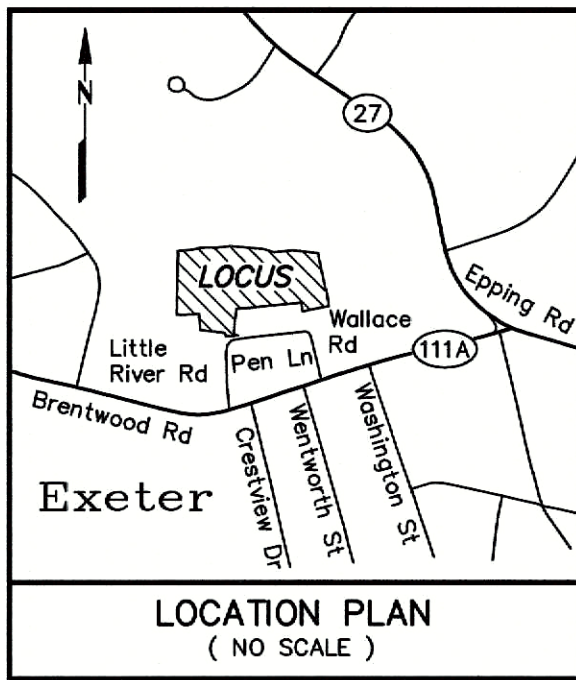
NEW STATE OF
NEW HAMPSHIRE
No. 661
KEVIN
M.
McNEANEY
Surveyor

LAND SURVEYOR
No. 661
KEVIN
M.
McNEANEY
Surveyor

Mcneaney
Survey
Associates
of NEW ENGLAND

P.O. Box 681 - 24 CHESTNUT STREET
DOVER, NH 03820 (603) 742-0911

SURVEYING — PLANNING — CONSULTING



REFERENCE PLANS:

- 1.) SUBDIVISION PLAN PREPARED FOR GRANITE STATE CONSTRUCTION SERVICES, LLC, OF PROPERTY IN THE NAME OF CALVARY BAPTIST CHURCH OF EXETER, INC., SHOWN AS TAX MAP 62 / LOT 90 LOCATED AT 12 LITTLE RIVER ROAD, COUNTY OF ROCKINGHAM, EXETER, NH; SCALE: 1" = 40'; DATED: AUGUST 5, 2021, REVISED THROUGH 12/7/21; BY: DAVID W. VINCENT, LLS, LAND SURVEYING SERVICES; RECORDED R.C.R.D. PLAN D-43143.
- 2.) PLAN OF LAND FOR CALVARY BAPTIST CHURCH, LITTLE RIVER ROAD, EXETER, NH; DATED: JUNE 1982; BY: K. E. MOORE & B. G. STAPLES, REVISED BY PARKER SURVEY ASSOC., INC.; RECORDED R.C.R.D. PLAN D-18065.
- 3.) LOT LINE ADJUSTMENT PLAN PREPARED FOR TYLER J. PETERS & OLIVIA MICHAUD AND CALVARY BAPTIST CHURCH OF EXETER, TAX MAP 62, LOT Nos. 90-0 & 90-1, 12A & 12 LITTLE RIVER ROAD, TOWN OF EXETER, COUNTY OF ROCKINGHAM, STATE OF NEW HAMPSHIRE; SCALE: 1" = 40'; DATED: AUGUST 24, 2023; BY: THIS OFFICE; TO BE RECORDED.

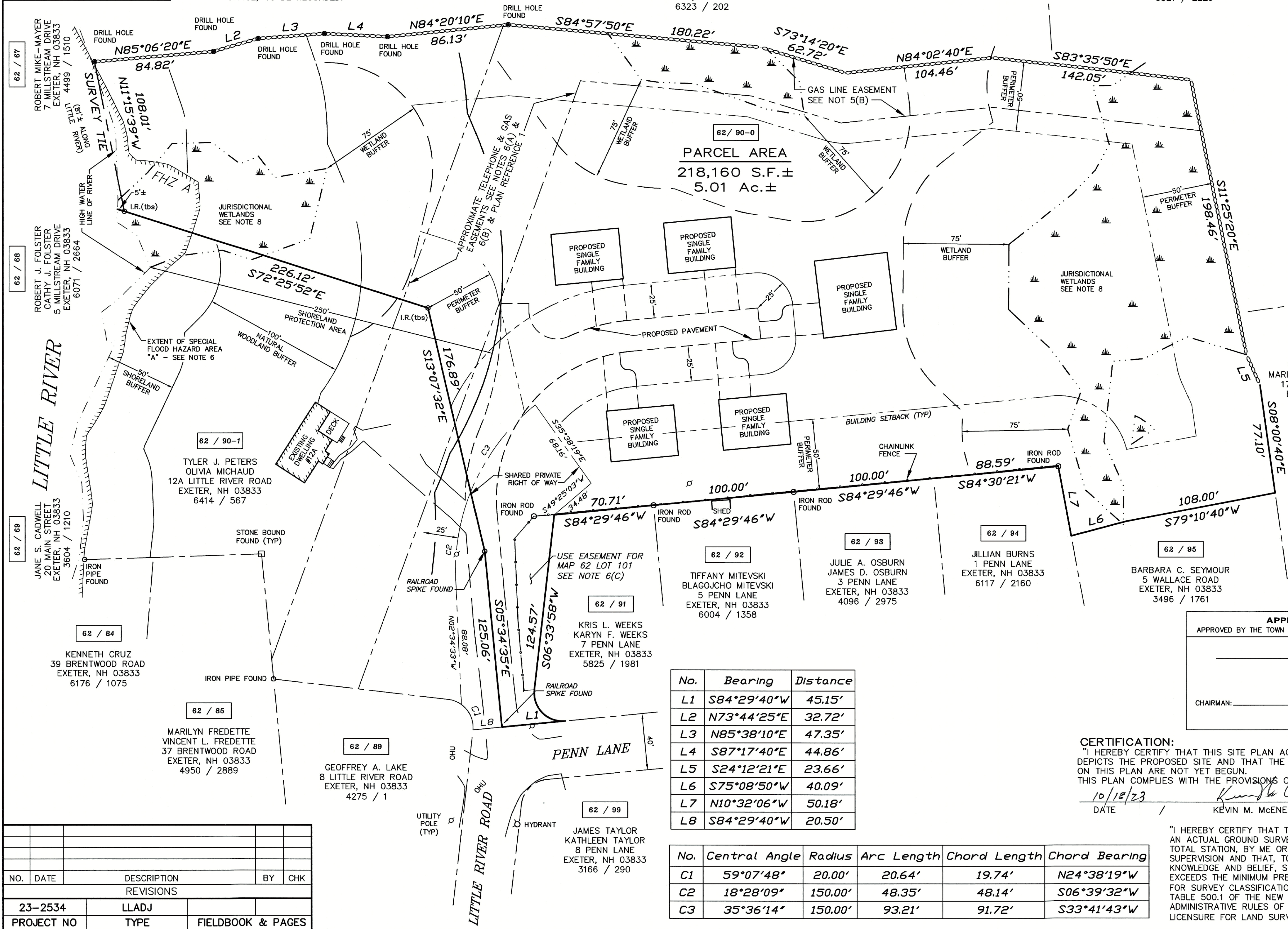
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PATRICIA A. WASHBURN, TRUSTEE
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NOTES:

- 1.) OWNERS OF RECORD:
GRANITE STATE CONSTRUCTION SERVICES LLC
34 AUBURN STREET
EXETER, NEW HAMPSHIRE 03833
R.C.R.D. VOLUME 6502, PAGE 2920
- 2.) 62 / 19-0 - DENOTES TAX MAP AND PARCEL NUMBER.
- 3.) THE INTENT OF THIS PLAN IS TO DEPICT A CONDOMINIUM WITH 5 DETACHED SINGLE FAMILY BUILDINGS. CONSTRUCTION IS NOT YET BEGUN.
- 4.) ZONING DISTRICT: R-2 SINGLE FAMILY
TO BE DEVELOPED UNDER "SINGLE FAMILY OPEN SPACE DEVELOPMENT"
- 5.) DIMENSIONAL REQUIREMENTS:
EXTERNAL BOUNDARY SETBACKS:
FRONT = 100 FEET FROM PUBLIC WAY
SIDE & REAR BUFFER = 50 FEET
INTERNAL SETBACKS:
FROM DRIVEWAY/PARKING LOT = 25 FEET
MAXIMUM BUILDING HEIGHT = 35 FEET (3 STORIES)
WETLAND SETBACKS:
NO-DISURBANCE = 40 FEET
PARKING = 50 FEET
BUILDING = 75 FEET
- 6.) THE PARCEL IS SUBJECT TO THE FOLLOWING EASEMENTS
A.) PARCEL IS SUBJECT TO AN EASEMENT TO NEW ENGLAND TELEPHONE & TELEGRAPH CO. AS DESCRIBED IN RCRD BK 992, PG 157.
B.) PARCEL IS SUBJECT TO AN EASEMENT TO ALLIED-NEW HAMPSHIRE GAS CO. AS DESCRIBED IN RCRD BK 1378, PG 221.
C.) PARCEL IS SUBJECT TO A USE EASEMENT TO BENEFIT MAP 62 LOT 91 AS DESCRIBED IN RCRD BK 2792, PG 597.
D.) PARCEL HAS A SHARED PRIVATE RIGHT OF WAY WITH PARCEL 62/90-1 AS SHOWN ON REFERENCE PLAN 2.
- 7.) A PORTION OF THE PARCEL IS LOCATED IN A FLOOD HAZARD ZONE A AS DEPICTED ON FLOOD INSURANCE RATE MAP, NO. 33015C0401E, ROCKINGHAM COUNTY, NH, (ALL JURISDICTIONS), EFFECTIVE DATE: MAY 17, 2005
- 8.) BASIS OF BEARING IS REFERENCE PLAN 2.
- 9.) THE WETLAND AREAS SHOWN HEREON WERE FIELD DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC., OF 8 CONTINENTAL DRIVE, BUILDING #2, UNIT H, EXETER, NH. IN 2021, AND RE-EVALUATED AND UPDATED ON AUGUST 1, 2023, AND PROVIDED BY BEALS ASSOCIATES, PLLC.
- 10.) PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM REFERENCE PLAN 3.
- 11.) PARCEL IS SUBJECT TO THE STATE OF NEW HAMPSHIRE SHORELINE WATER QUALITY PROTECTION ACT (SWQPA). THOSE AREAS WITHIN 250 FEET OF THE LITTLE RIVER REFERENCE LINE.

APPROVED
APPROVED BY THE TOWN OF EXETER PLANNING BOARD
DATE
CHAIRMAN:

CERTIFICATION:
"I HEREBY CERTIFY THAT THIS SITE PLAN ACCURATELY DEPICTS THE PROPOSED SITE AND THAT THE BUILDINGS AS SHOWN ON THIS PLAN ARE NOT YET BEGUN.
THIS PLAN COMPLIES WITH THE PROVISIONS OF RSA 356-B:20 I.
DATE 10/18/23 KEVIN M. McEANEY L.L.S. 661

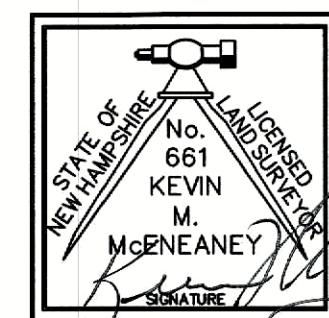
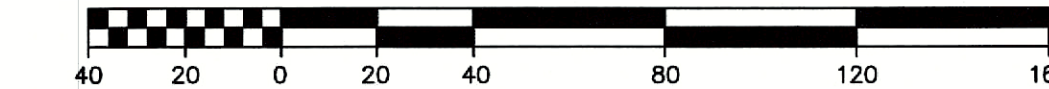
"I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL GROUND SURVEY PERFORMED WITH A TOTAL STATION, BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, SAID SURVEY MEETS OR EXCEEDS THE MINIMUM PRECISION REQUIREMENTS FOR SURVEY CLASSIFICATION "U" AS SET FORTH IN TABLE 500.1 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS."

No.	Bearing	Distance
L1	S84°29'40"W	45.15'
L2	N73°44'25"E	32.72'
L3	N85°38'10"E	47.35'
L4	S87°17'40"E	44.86'
L5	S24°12'21"E	23.66'
L6	S75°08'50"W	40.09'
L7	N10°32'06"W	50.18'
L8	S84°29'40"W	20.50'

No.	Central Angle	Radius	Arc Length	Chord Length	Chord Bearing
C1	59°07'48"	20.00'	20.64'	19.74'	N24°38'19"W
C2	18°28'09"	150.00'	48.35'	48.14'	S06°39'32"W
C3	35°36'14"	150.00'	93.21'	91.72'	S33°41'43"W

CONDOMINIUM SITE PLAN
PREPARED FOR
GRANITE STATE CONSTRUCTION SERVICES LLC
TAX MAP 62, LOT No. 90-0
12 LITTLE RIVER ROAD
TOWN of EXETER
COUNTY of ROCKINGHAM
STATE of NEW HAMPSHIRE

DRAWN BY: KJF FILE: MSA\2534\23-2534
SCALE: 1" = 40' DATE: OCTOBER 18, 2023

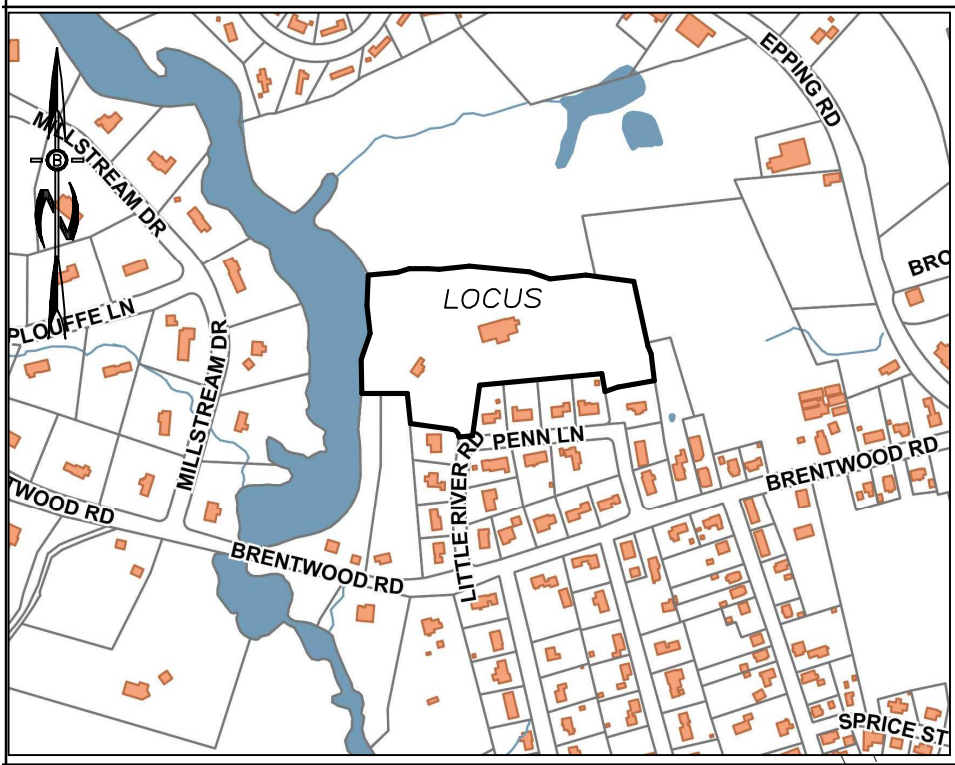


McEaney
Survey
Associates
of NEW ENGLAND

P.O. Box 681 - 24 CHESTNUT STREET
DOVER, NH 03820 (603) 742-0911

SURVEYING - PLANNING - CONSULTING

NO.	DATE	DESCRIPTION	BY	CHK
23-2534	LLADJ			
PROJECT NO	TYPE	FIELDBOOK & PAGES		



LOCATION MAP
1"=500'



UNDERGROUND FACILITIES, UTILITIES.
1-888-DIG-SAFE (1-888-344-7233).
AND EXETER DPW (603) 773-6157

ZONING REQUIREMENTS:
ZONING DISTRICT - RES.2 (R2)
MINIMUM LOT SIZE - 15,000 S.F.
MINIMUM LOT WIDTH - 100 FT.
MINIMUM LOT DEPTH - 100 FT.
MINIMUM FRONTAGE - 100'

BUILDING SETBACKS
FRONT=25 FT.
SIDE=15 FT.
REAR=25 FT.
BUILDING HEIGHT=35 FT.
MAXIMUM BUILDING COVERAGE = 25%

WETLAND SETBACKS
NO-DISTURBANCE - 40'
PARKING SETBACK - 50'
BUILDING SETBACK - 75'

PREPARED FOR:

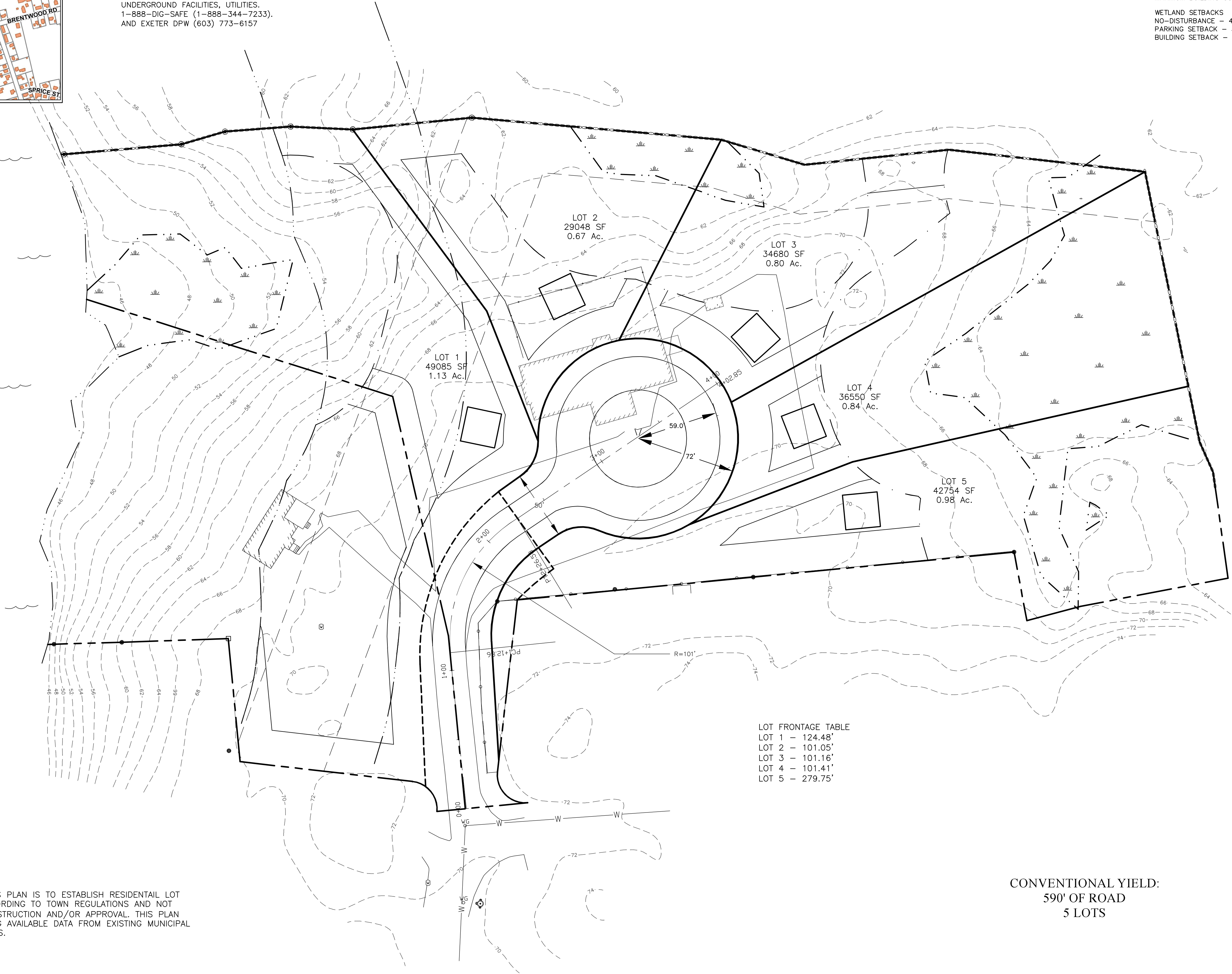
GRANTIE STATE CONSTRUCTION
SERVICES, LLC
34 AUBURN STREET
EXETER, NH

BA
BEALS
ASSOCIATES, PLLC

70 PORTSMOUTH AVE,
THIRD FLOOR, SUITE 2
STRATHAM, N.H. 03885
PHONE: 603-583-4860,
FAX. 603-583-4863

NOTES

1. UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN LOCATED FROM FIELD OBSERVATIONS AND THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. BEALS ASSOCIATES OR ANY OF THEIR EMPLOYEES TAKE NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES OR UTILITIES NOT SHOWN, THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND UTILITIES OR STRUCTURES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 1-888-DIG-SAFE, AND TOWN OF EXETER DPW.
2. THIS PLAN HAS BEEN PREPARED FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS. THIS INCLUDES ANY UNFORESEEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
3. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
4. THE LANDOWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL WETLAND REGULATIONS, INCLUDING ANY PERMITTING AND SETBACK REQUIREMENTS REQUIRED UNDER THESE REGULATIONS.
5. ALL CONSTRUCTION SHALL CONFORM TO TOWN OF EXETER STANDARDS AND REGULATIONS.
6. ALL WATER, SEWER, ROAD, AND DRAINAGE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 9.5 GRADING, DRAINAGE, AND EROSION AND SEDIMENT CONTROL AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC UTILITIES IN EXETER, NEW HAMPSHIRE. SEE SECTION 9.14 ROADWAYS, ACCESS POINTS, AND FIRE LANES AND SECTION 9.13 PARKING AREAS FOR EXCEPTIONS.
7. DISTURBANCE UNDER 100,000 SQ. FT. (0 S.F.+/- PROPOSED DISTURBANCE) NHDES ALTERATION OF TERRAIN PERMIT NOT REQUIRED.
8. WETLAND BUFFER PLACARDS (4" ROUND) SHALL BE NAILED TO TREES AS AVAILABLE OR SET ON STAKES ALONG WETLAND BUFFER LIMITS AT AN INTERVAL OF APPROXIMATELY 50 FEET. HOUSES WILL BE BUILT OUTSIDE OF THE WETLAND BUFFER.



LOT FRONTAGE TABLE

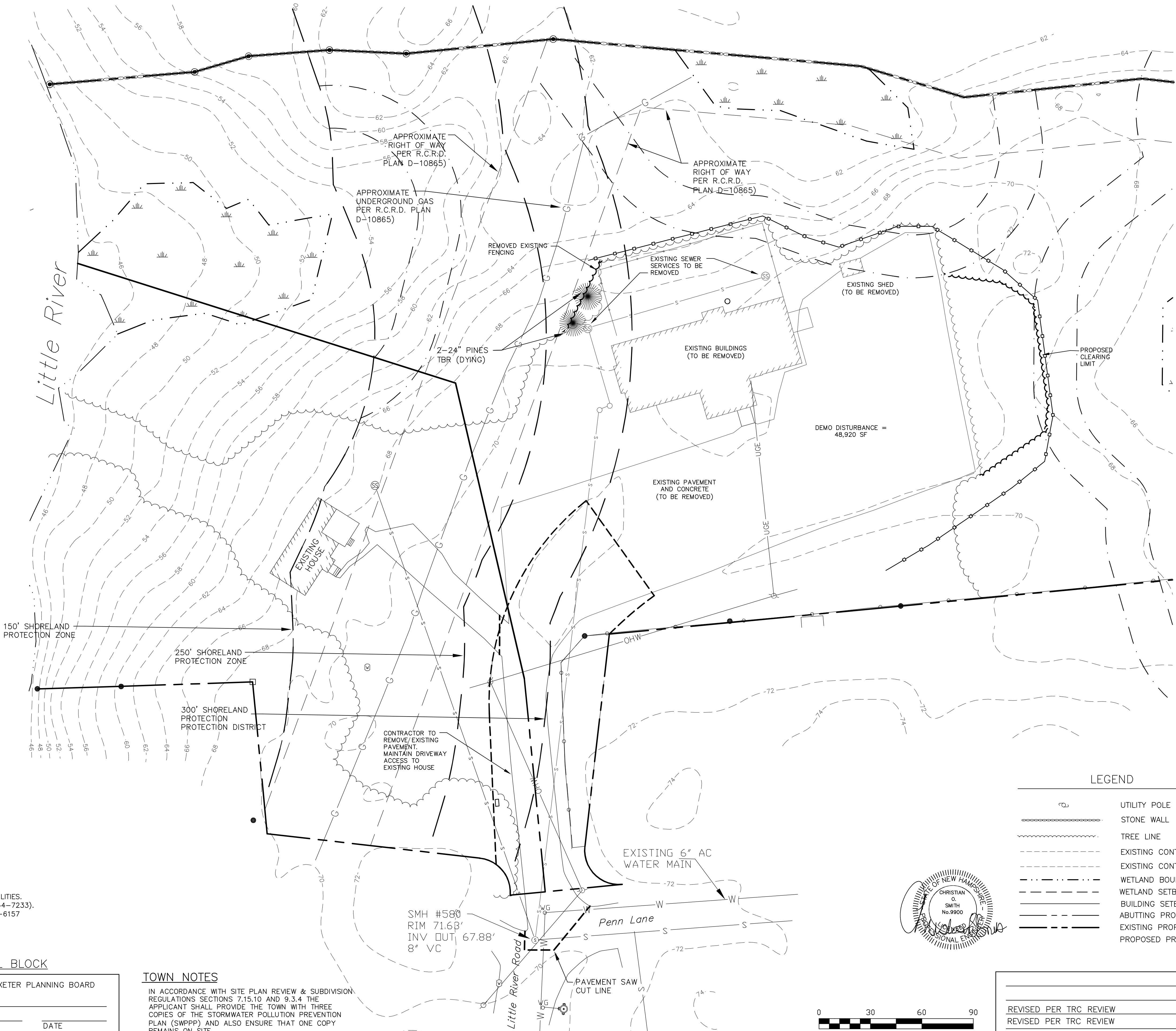
LOT 1	-	124.48'
LOT 2	-	101.05'
LOT 3	-	101.16'
LOT 4	-	101.41'
LOT 5	-	279.75'



THE INTENT OF THIS PLAN IS TO ESTABLISH RESIDENTAIL LOT DENSITY YIELD ACCORDING TO TOWN REGULATIONS AND NOT INTENDED FOR CONSTRUCTION AND/OR APPROVAL. THIS PLAN WAS CREATED USING AVAILABLE DATA FROM EXISTING MUNICIPAL AND STATE RECORDS.

CONVENTIONAL YIELD:
590' OF ROAD
5 LOTS

REVISED PER TRC REVIEW	10/10/23
REVISIONS:	DATE:
EXHIBIT YIELD PLAN	
PLAN FOR: COLCORD MEADOW 12 LITTLE RIVER ROAD EXETER, NH	
DATE: AUG, 2023	SCALE: 1"=40'
PROJ. NO: NH-1364	SHEET NO. 4



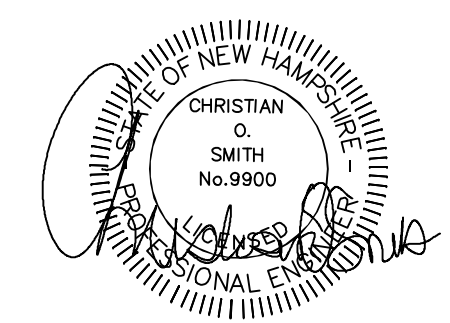
UNDERGROUND FACILITIES, UTILITIES,
1-888-DIG-SAFE (1-888-344-7233).
AND EXETER DPW (603) 773-6157

APPROVAL BLOCK

APPROVED TOWN OF EXETER PLANNING BOARD	
CHAIRPERSON	DATE

TOWN NOTES

IN ACCORDANCE WITH SITE PLAN REVIEW & SUBDIVISION REGULATIONS SECTIONS 7.15.10 AND 9.3.4 THE APPLICANT SHALL PROVIDE THE TOWN WITH THREE COPIES OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND ALSO ENSURE THAT ONE COPY REMAINS ON SITE.



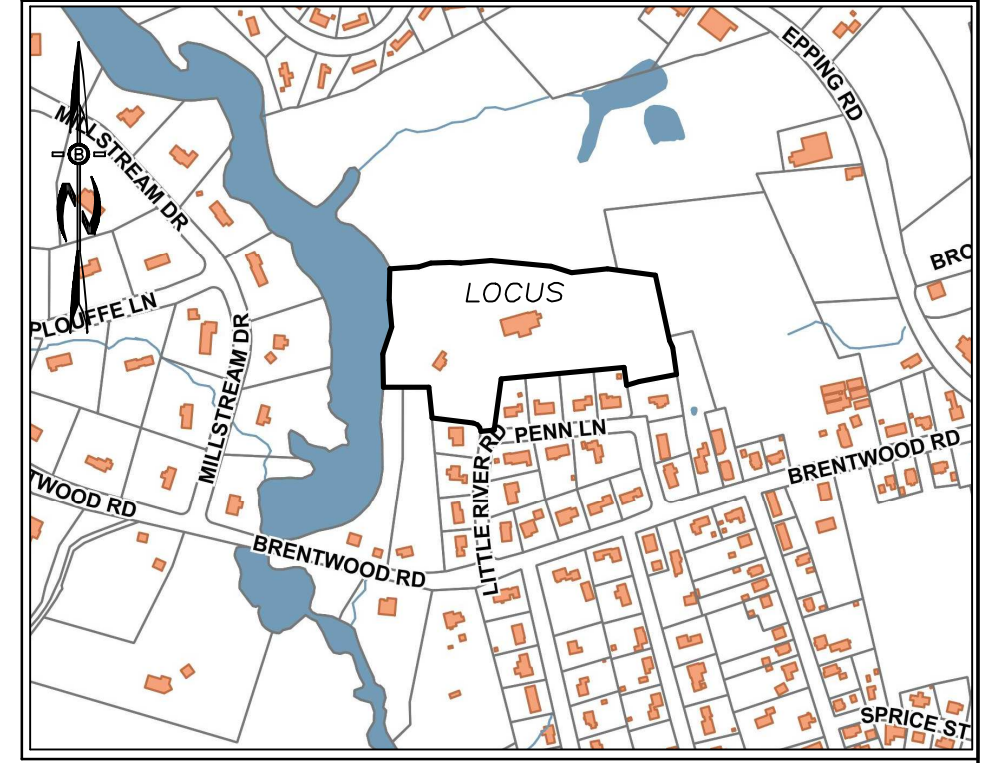
LEGEND

- UTILITY POLE
- STONE WALL
- TREE LINE
- EXISTING CONTOUR - 10'
- EXISTING CONTOUR - 2'
- WETLAND BOUNDARY
- WETLAND SETBACK LINE
- BUILDING SETBACK LINE
- ABUTTING PROPERTY LINE
- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE

REVISED PER TRC REVIEW	11/8/23
REVISED PER TRC REVIEW	10/10/23
REVISIONS:	DATE:

PREPARED FOR:
GRANTIE STATE CONSTRUCTION SERVICES, LLC
34 AUBURN STREET
EXETER, NH

BA BEALS
ASSOCIATES, PLLC
70 PORTSMOUTH AVE,
THIRD FLOOR, SUITE 2
STRATHAM, N.H. 03885
PHONE: 603-583-4860,
FAX: 603-583-4863



LOCATION MAP
1"=500'

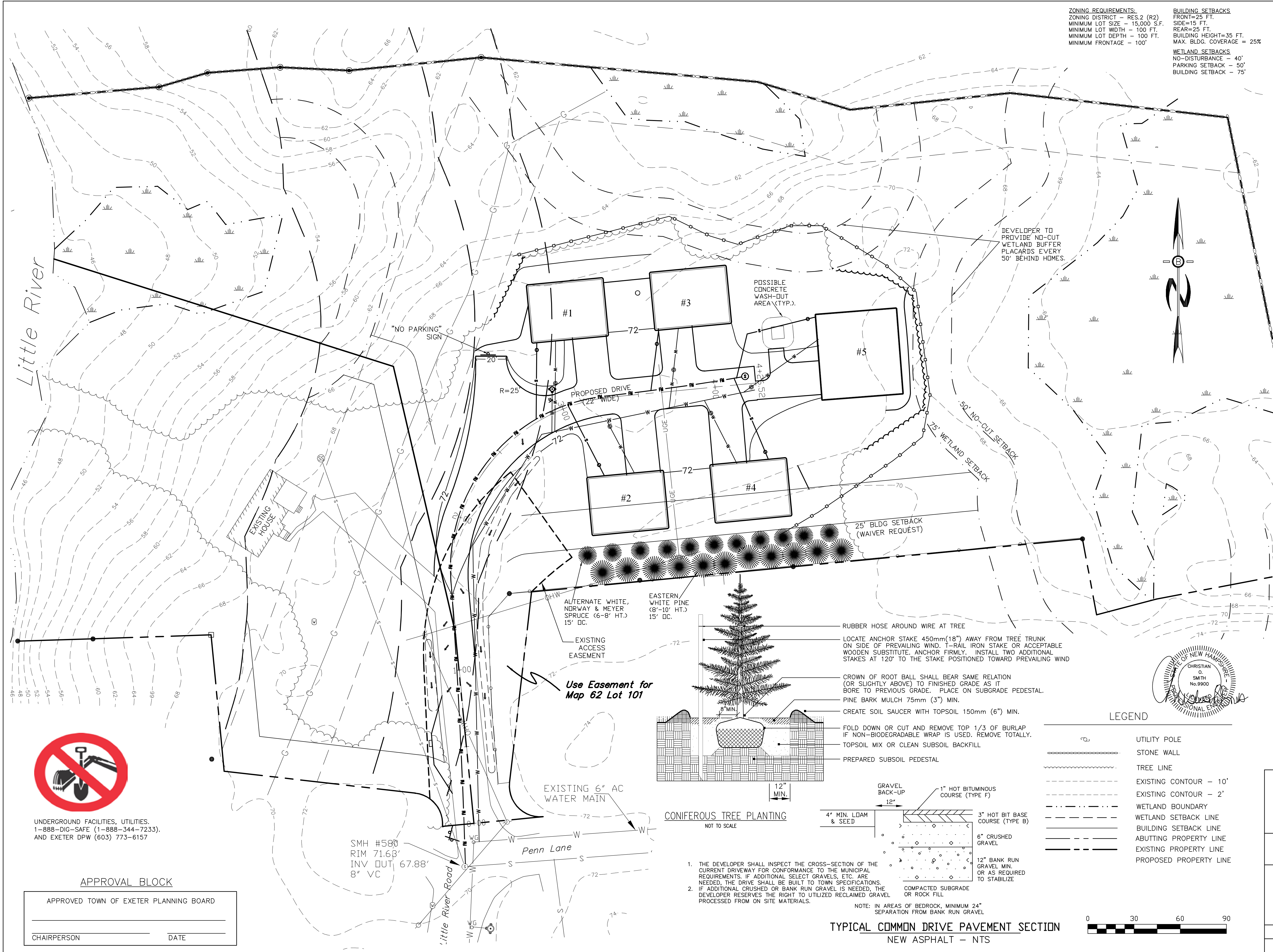
NOTES

- ALL EXISTING STRUCTURES IN THE CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. UNLESS NOTED TO REMAIN ON THE SITE PLANS. ANY BURNING ON-SITE SHALL BE SUBJECT TO LOCAL ORDINANCES.
- ALL EXISTING UTILITIES SHALL BE TERMINATED AT THE PROPERTY LINE, OR AS SHOWN ON THE DESIGN PLANS, IN CONFORMANCE WITH LOCAL, STATE AND UTILITY COMPANY STANDARDS, SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES PRIOR TO THE START OF WORK.
- EROSION AND SEDIMENTATION CONTROLS ARE TO BE INSTALLED PRIOR TO ANY EARTH MOVING ACTIVITIES.
- A TREE CLEARING PERMIT FROM LOCAL AND STATE AUTHORITIES MAY BE REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL STUMPS AND DEBRIS ARE TO BE REMOVED FROM SITE.
- THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING ALONG PROPERTY LINES IN ALL AREAS WHERE SILT FENCING IS NOT REQUIRED WHERE CONSTRUCTION IS PROPOSED ADJACENT TO ABUTTING PROPERTIES.
- EXISTING SEWER SERVICE AND APPURTENANCES TO BE REMOVED AND DISPOSED OF PER TOWN AND STATE REQUIREMENTS. NEW SERVICES FOR EACH UNIT TO BE INSTALLED & CONNECTED PER TOWN SPECIFICATIONS. SEQUENCING AND SCHEDULING: (SEE DETAIL SHEETS FOR COMPLETE CONSTRUCTION SEQUENCE AND EROSION CONTROL SPECIFICATION.)
- DEMOLITION REQUIREMENTS: CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH THE ADJACENT AND OCCUPIED BUILDING AREAS, IN COMPLIANCE WITH THE GOVERNING LAWS. PRIME CONSIDERATION SHALL BE GIVEN TO THE SAFETY, PROTECTION AND CONVENIENCE OF THE PUBLIC AND OWNER'S PERSONNEL.
2.1: EMPLOY TARPULINS ON TRUCKS CARRYING DEBRIS TO PREVENT SPREADING DUST OR DEBRIS. CLEAN UP LOOSE DEBRIS DAILY TO PREVENT THE WIND SPREADING DEBRIS.
- LEAVE SITE IN CLEAN CONDITION.
- STUMP DISPOSAL TO BE OUTSIDE LIMITS OF PAVEMENT, DRAINAGE STRUCTURES, ETC.
- TEMPORARY EARTH MATERIAL STOCKPILES TO BE IN UPLAND AREAS AND COMPLETELY IMPOUNDED BY SILT FENCE/HAYBALE EROSION CONTROLS.
- THE LANDOWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, INCLUDING ANY PERMITTING AND SETBACK REQUIREMENTS REQUIRED UNDER THESE REGULATIONS.
- WETLAND AREA SHOWN WAS FIELD DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. OF EXETER, NH.
- ALL WATER, SEWER, ROAD (INCLUDING DRIVEWAY), AND DRAINAGE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 9.3, STORMWATER MANAGEMENT STANDARDS, STORMWATER MANAGEMENT PLAN, STORMWATER POLLUTION PREVENTION PLAN, AND EROSION AND SEDIMENT CONTROL STANDARDS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC UTILITIES IN EXETER, NEW HAMPSHIRE. SEE SECTION 9.14, ROADWAYS, ACCESS POINTS, AND FIRE LANES AND SECTION 9.13, PARKING AREAS FOR EXCEPTIONS.
- THE CONTRACTOR MUST OBTAIN A VALID UTILITY PIPE INSTALLER'S LICENSE AND THE JOB SUPERVISOR OR FOREMAN MUST BE CERTIFIED BY THE TOWN PRIOR TO WORKING ON ANY WATER, SEWER, OR DRAINAGE PIPES THAT ARE IN A TOWN STREET OR RIGHT OF WAY, OR THAT WILL CONNECT OR MAY BE CONNECTED TO A TOWN WATER, SEWER, OR DRAINAGE SYSTEM. A LICENSED SUPERVISOR OR FOREMAN MUST BE PRESENT AT THE JOB SITE AT ALL TIMES DURING CONSTRUCTION OF THESE UTILITIES.
- EXISTING WATER SERVICE TO THE CHURCH TO BE DISCONTINUED AT THE MAIN PER EXETER REGULATIONS.

DEMOLITION PLAN

PLAN FOR:
COLCORD MEADOW
12 LITTLE RIVER ROAD
EXETER, NH

DATE: JUNE, 2023	SCALE: 1"=30'
PROJ. NO: NH-1364	SHEET NO. 5



PREPARED FOR:

GRANTIE STATE CONSTRUCTION SERVICES, LLC
34 AUBURN STREET
EXETER, NH

BA BEALS ASSOCIATES, PLLC

70 PORTSMOUTH AVE,
THIRD FLOOR, SUITE 2
STRATHAM, N.H. 03885
PHONE: 603-583-4860,
FAX: 603-583-4863

LOCATION MAP
1"=500'

NOTES

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- THIS PLAN HAS BEEN PREPARED FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS. THIS INCLUDES ANY UNFORESEEN CONDITIONS, SUBSURFACE, OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS OF THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
- ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
- THE LANDOWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL WETLAND REGULATIONS, INCLUDING ANY PERMITTING AND SETBACK REQUIREMENTS REQUIRED UNDER THESE REGULATIONS.
- ALL CONSTRUCTION SHALL CONFORM TO TOWN OF EXETER STANDARDS AND REGULATIONS.
- ALL WATER, SEWER, ROAD, AND DRAINAGE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 9.5 GRADING, DRAINAGE, AND EROSION AND SEDIMENT CONTROL AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC UTILITIES IN EXETER, NEW HAMPSHIRE. SEE SECTION 9.14 ROADWAYS, ACCESS POINTS, AND FIRE LANES AND SECTION 9.13 PARKING AREAS FOR EXCEPTIONS.
- DISTURBANCE UNDER 100,000 SQ. FT. (43,580 sf) NHDES ALTERATION OF TERRAIN PERMIT NOT REQUIRED.

TOWN NOTES

ALL SNOW SHALL BE STORED OFF OF PAVEMENT ACCESS WAYS. IN THE EVENT THAT THE AREA(S) APPROVED FOR SNOW STORAGE BECOME FULL, THE OWNER SHALL REASONABLY REMOVE EXCESS SNOW FROM THE SITE, AND SHALL NOT ALLOW SNOW TO BE STORED WITHIN TRAVEL AISLES.

ALL WASTE MATERIALS AND RECYCLABLE SHALL BE CONTAINED WITHIN THE BUILDING(S) OR APPROVED STORAGE FACILITIES AND SHALL NOT BE OTHERWISE STORED ON THE PROPERTY. REFUSE COLLECTION WILL BE BY CURBSIDE PICK-UP.

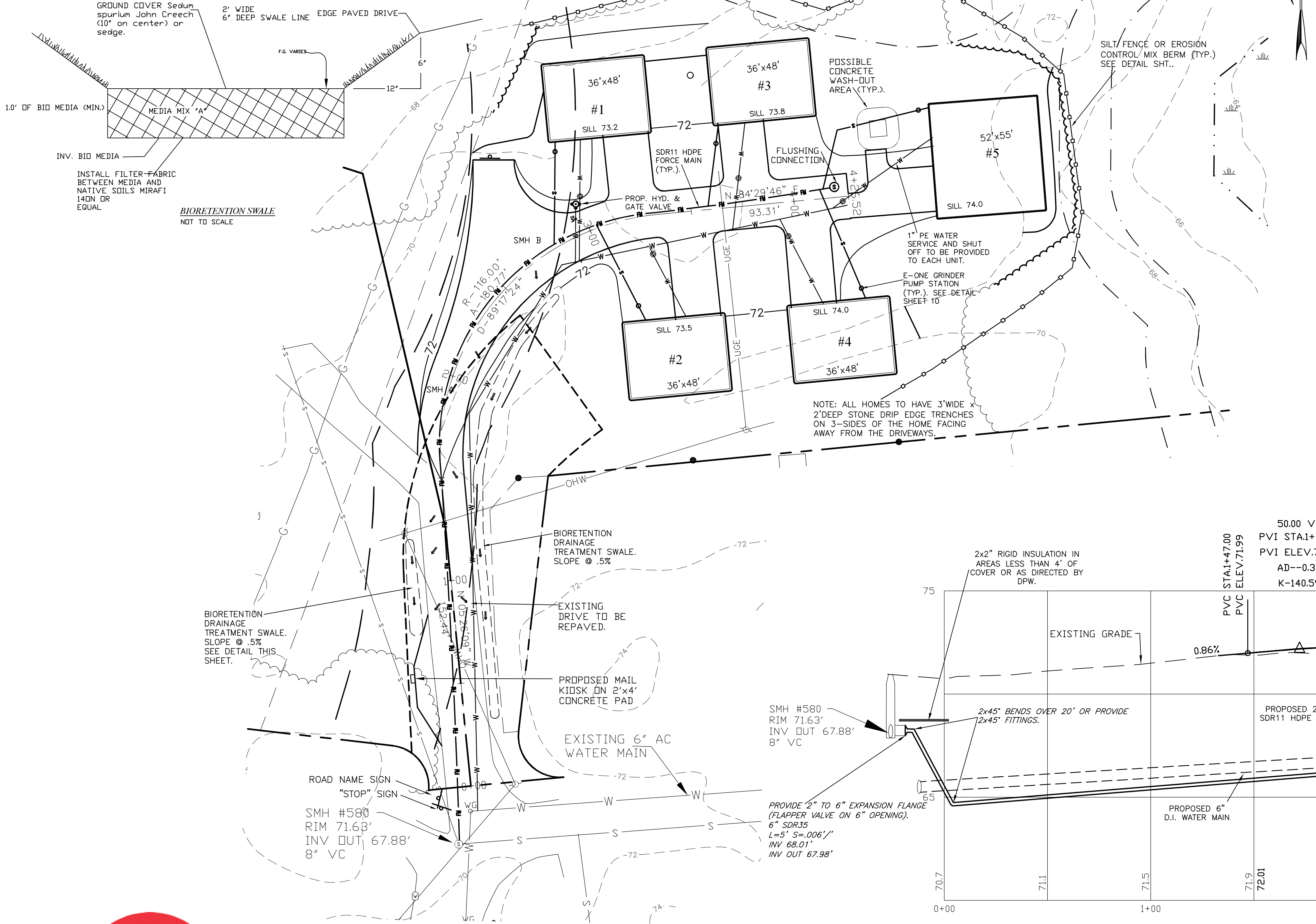
REVISED PER TRC REVIEW	11/8/23
REVISED PER TRC REVIEW	10/10/23
REVISIONS:	DATE:

SITE PLAN

PLAN FOR:
COLCORD MEADOW
12 LITTLE RIVER ROAD
EXETER, NH

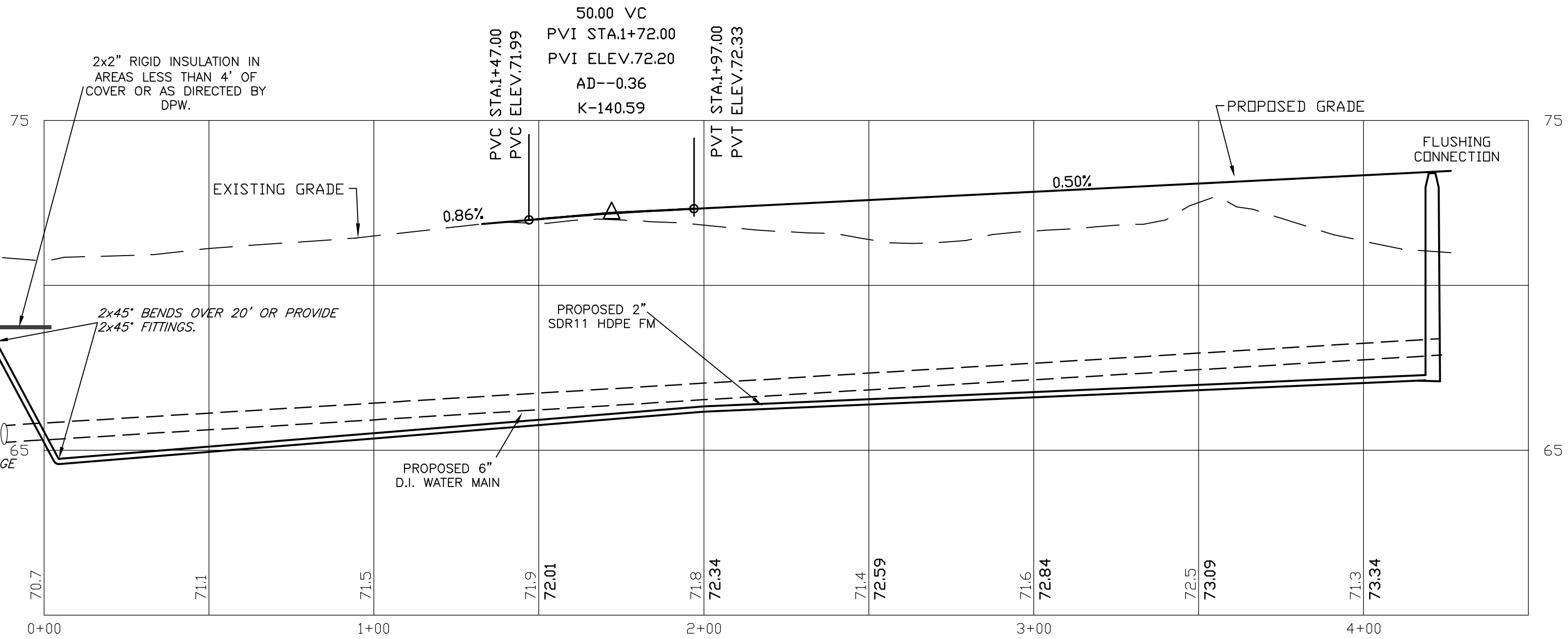
DATE: JUNE, 2023	SCALE: 1"=30'
PROJ. NO: NH-1364	SHEET NO. 6

FILTER MEDIA MIXTURE			
Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5

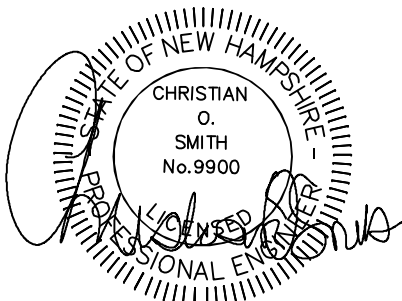


UTILITY NOTES:

- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER, ARCHITECT AND/OR OWNER, IN ORDER TO OBTAIN AND/OR PAY ALL THE NECESSARY LOCAL PERMITS, FEES AND BONDS.
- THE CONTRACTOR SHALL PROVIDE NOTICE TO ALL COMPANIES AND LOCAL AUTHORITIES OWNING OR HAVING A JURISDICTION OVER UTILITIES RUNNING TO, THROUGH OR ACROSS PROJECT AREAS PRIOR TO DEMOLITION AND/OR CONSTRUCTION ACTIVITIES.
- THE SPECIFICATIONS FOR PROPOSED PRIVATE UTILITY SERVICES SHALL BE TO THE STANDARDS AND REQUIREMENTS OF THE RESPECTIVE UTILITY CO. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES FOR PROPER UTILITY CROSSING REQUIREMENTS PRIOR TO THE PRE-CONSTRUCTION MEETING UCE&T PLANS FROM THE UTILITY COMPANIES NEED TO BE REDRAWN ON THIS SHEET. ADDITIONALLY THE CONTRACTOR NEEDS TO HAVE A COMPLETED SWPPP. A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE OWNER, ENGINEER, ARCHITECT, CONTRACTOR, LOCAL OFFICIALS, AND ALL UTILITY COMPANIES (PUBLIC AND PRIVATE) PRIOR TO START OF CONSTRUCTION.
- ALL CONSTRUCTION SHALL CONFORM TO EXETER STANDARDS AND REGULATIONS, UNLESS OTHERWISE SPECIFIED. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO LABOR (OSHA) RULES AND REGULATIONS. BUILDINGS ARE TO BE SERVICED BY UNDERGROUND UTILITIES.
- THE CONTRACTOR IS TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITY STUBS PRIOR TO CONSTRUCTION AND DISCONNECT ALL EXISTING SERVICE CONNECTIONS AT THEIR RESPECTIVE MAINS (IF REQUIRED) IN ACCORDANCE WITH THE RESPECTIVE UTILITY COMPANY'S STANDARDS AND SPECIFICATIONS.
- SEWER AND WATER INFRASTRUCTURE ON PRIVATE PROPERTY SHALL REMAIN PRIVATE. HOWEVER, THE TOWN RESERVES THE RIGHT TO ENTER THE PROPERTY IN ORDER TO INSPECT, REPAIR AND/OR TERMINATE INDIVIDUAL SEWER OR WATER SERVICES (AT OWNER'S EXPENSE). THIS RIGHT IS TO BE CONVEYED TO THE TOWN IN THE SITE'S DECLARATION OF CONDOMINIUM DOCUMENTS, AND IN ALL INDIVIDUAL DEEDS.
- AN AS-BUILT PLAN IS TO BE PREPARED AND SUBMITTED TO DEPARTMENT OF PUBLIC WORKS IN DIGITAL AND MYLAR FORMATS.
- THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF ALL CONNECTION FEES.
- SANITARY SEWER FLOW CALCULATIONS:
5 UNITS AT 4 BEDROOMS EACH= 20 BEDROOMS
ESTIMATED FLOW AT 150 GPD/BEDROOM= 3,000.
- FOR WATER MAIN AND SEWER LINE CROSSINGS REFER TO THE DETAIL ON SHEET 5 FOR MINIMUM VERTICAL AND HORIZONTAL SEPARATION.
- ALL WATER AND SANITARY LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLANS AND SHALL BE PROVIDED WITH A TEMPORARY CAP AND WITNESS AT END.
- THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES AND MECHANICAL JOINTS.
- CONTRACTOR SHALL MINIMIZE DISRUPTIONS TO EXISTING WATER SERVICES AND ALL REQUIREMENTS OF EXETER WATER DEPARTMENT SHALL BE FOLLOWED REGARDING NOTIFICATION OF INTERRUPTION OF SERVICE (MIN 48 HOURS). TEE INSTALLATION MAY NEED TO BE CONDUCTED AT NIGHT AS DIRECTED BY EXETER WATER DEPT.
- WATER VALVES ARE TO BE OPERATED ONLY BY MUNICIPAL STAFF.
- THE INSTALLATION OF SMOKE, HEAT, FIRE , OR CARBON MONOXIDE ALARMS OR SYSTEMS SHALL COMPLY WITH NFPA 72 REQUIREMENTS.
- ALL SEWER SERVICE BENDS SHALL HAVE CLEANOUTS INSTALLED (SEE DETAIL SHEET FOR DETAILS).
- EACH UNIT TO BE PROVIDED WITH AN INDIVIDUAL WATER SHUT-OFF.
- THE CONTRACTOR MUST OBTAIN A VALID UTILITY PIPE INSTALLER'S LICENSE AND THE JOB SUPERVISOR OR FOREMAN MUST BE CERTIFIED BY THE TOWN PRIOR TO WORKING ON ANY WATER, SEWER, OR DRAINAGE PIPES THAT ARE IN A TOWN STREET OR RIGHT OF WAY, OR THAT WILL CONNECT OR MAY BE CONNECTED TO A TOWN WATER, SEWER, OR DRAINAGE SYSTEM. A LICENSED SUPERVISOR OR FOREMAN MUST BE PRESENT AT THE JOB SITE AT ALL TIMES DURING CONSTRUCTION OF THESE UTILITIES.



UNDERGROUND FACILITIES, UTILITIES.
1-888-DIG-SAFE (1-888-344-7233).
AND EXETER DPW (603) 773-6157



REVISED PER ENG. REVIEW & PB COA	12/8/23
REVISED PER TRC REVIEW	11/8/23
REVISED PER TRC REVIEW	10/10/23
REVISIONS:	DATE:

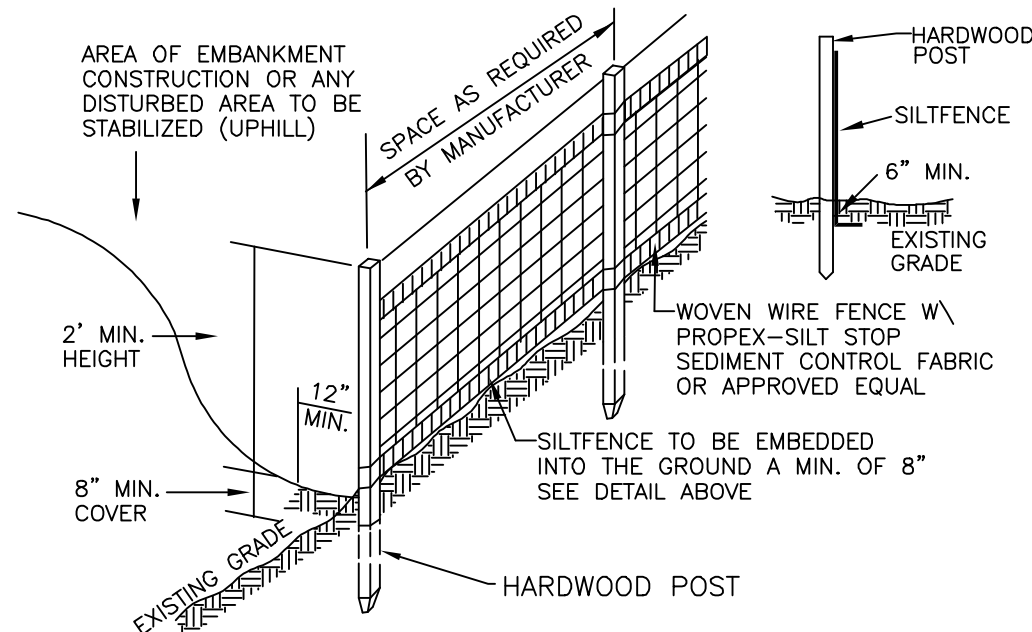
PROFILE & UTILITY PLAN

PLAN FOR:
COLCORD MEADOW
12 LITTLE RIVER ROAD
EXETER, NH

DATE: AUG, 2023	SCALE: 1" = 30'
PROJ. NO: NH-1364	SHT NO. 7

CONSTRUCTION SEQUENCE

1. CUT AND REMOVE TREES IN CONSTRUCTION AREAS AS REQUIRED OR DIRECTED.
2. CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT EROSION AND DETENTION CONTROL FACILITIES AS REQUIRED. EROSION, SEDIMENT AND DETENTION CONTROL FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY EARTH MOVING OPERATION AND PRIOR TO DIRECTING RUNOFF TO THEM.
3. CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. STUMPS AND DEBRIS ARE TO BE REMOVED FROM SITE AND DISPOSED OF PER STATE AND LOCAL REGULATIONS.
4. EXCAVATE AND STOCKPILE TOPSOIL /LOAM. ALL AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
5. CONSTRUCT TEMPORARY CULVERTS AS REQUIRED OR DIRECTED.
6. CONSTRUCT THE ROADWAY AND ITS ASSOCIATED DRAINAGE STRUCTURES.
7. INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. ALL DISTURBED AREAS SHALL STABILIZED IMMEDIATELY AFTER GRADING.
8. BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEEDED OR MULCHED AS REQUIRED, OR DIRECTED.
9. DAILY OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE CHECK DAMS, DITCHES, SEDIMENT TRAPS, ETC. TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ABUTTING WATERS OR PROPERTY.
10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION
11. COMPLETE PERMANENT SEEDING AND LANDSCAPING
12. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND RE-VEGETATE ALL DISTURBED AREAS.
13. ALL SWALES AND DRAINAGE STRUCTURES WILL BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUNOFF DIRECTED TO THEM.
14. FINISH PAVING ALL DRIVEWAYS



SILT FENCE CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A
2. MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER.
3. THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BYPASSING MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT
4. REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE
5. FOR SEDIMENT STORAGE SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND
6. THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED

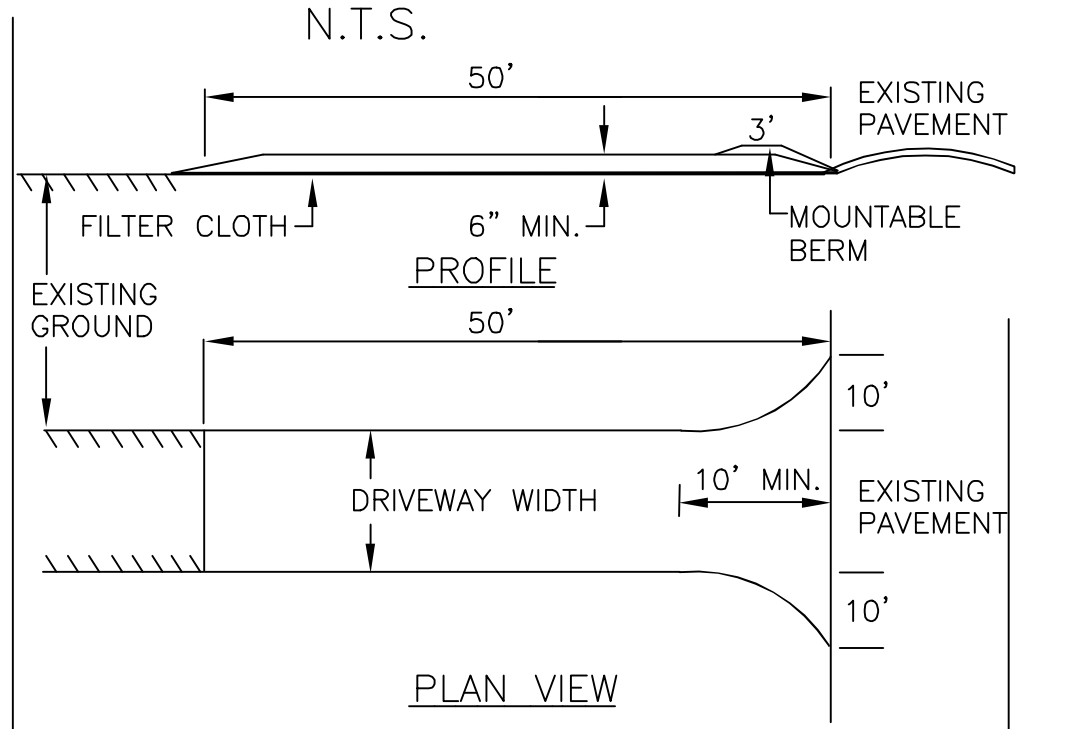
SILT FENCE MAINTENANCE

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME
2. INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT.
3. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE
4. FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

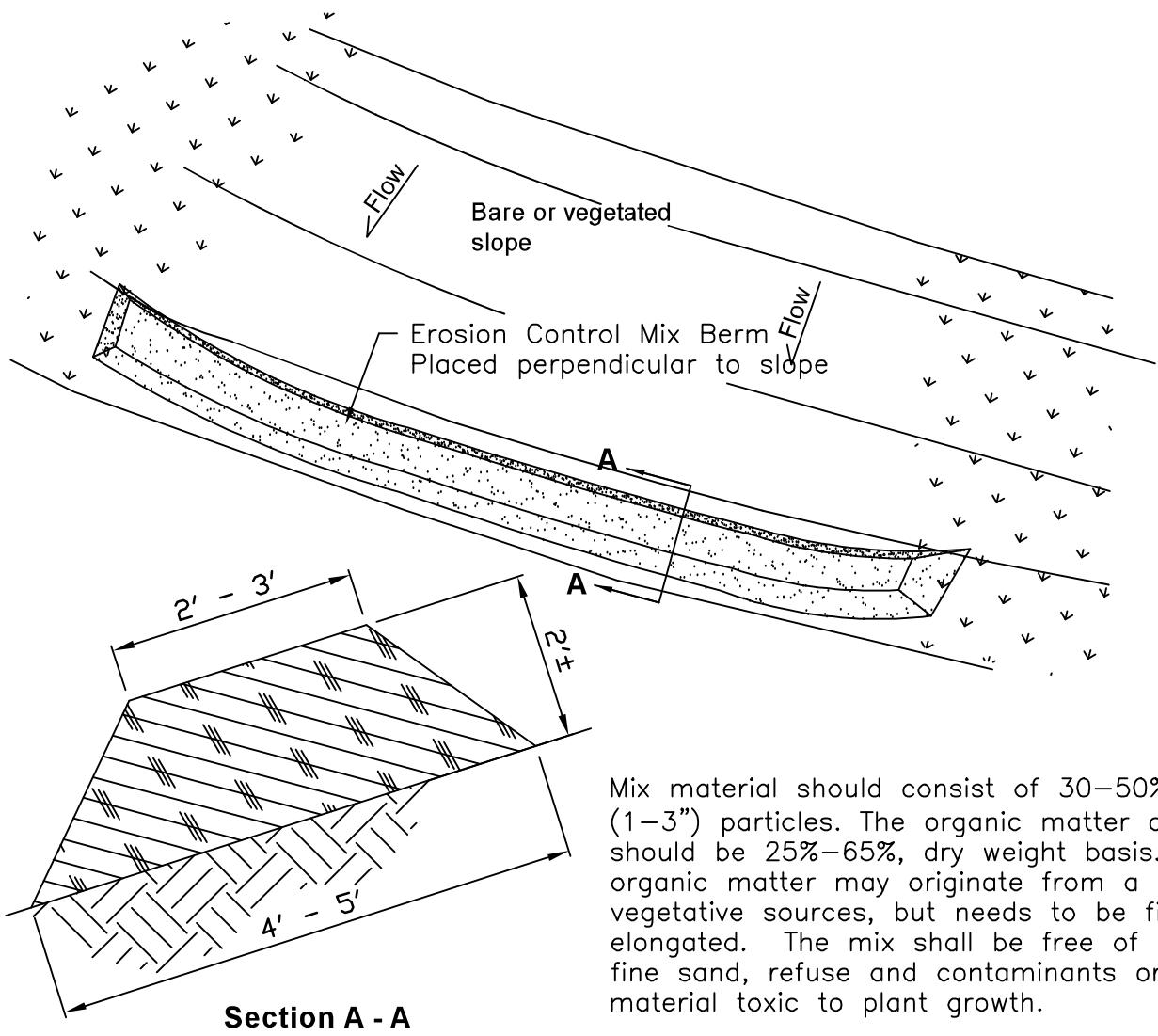
SEEDING SPECIFICATIONS

1. GRADING AND SHAPING
 - A. SLOPES SHALL NOT BE STEEPER THAN 2:1;3:1 SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
2. SEEDBED PREPARATION
 - A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
 - B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
3. ESTABLISHING A STAND
 - A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS PER 1,000 SQ. FT..
NITROGEN(N), 50 LBS PER ACRE OR 1. 1 LBS PER 1,000 SQ.FT.
PHOSPHATE(P2O5), 100 LBS PER ACRE OR 2. 2 LBS PER 1,000 SQ.FT.
POTASH(K2O), 100 LBS PER ACRE OR 2. 2 LBS PER 1,000 SQ.FT.
(NOTE: THIS IS THE EQUIVALENT OF 500 LBS PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS PER ACRE OF 5-10-10.)

STABILIZED CONSTRUCTION ENTRANCE



1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET,
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.



Mix material should consist of 30-50% large (1-3") particles. The organic matter content should be 25%-65%, dry weight basis. The organic matter may originate from a variety of vegetative sources, but needs to be fibrous and elongated. The mix shall be free of silt, clay, fine sand, refuse and contaminants or any material toxic to plant growth.

Erosion Control Mix berms are effective filters for overland flow conditions and should not be used to filter concentrated flow such as that found in drainage ditches, streams, etc.

Erosion Control Mix Berm

- B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
- C. REFER TO TABLE(G-E1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE(H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWN VETCH, BIRDS FOOT TREFOIL, AND FLAT PEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
- D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
4. MULCH
 - A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
 - B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 SQ. FT.
5. MAINTENANCE TO ESTABLISH A STAND
 - A. PLANTED AREA SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
 - B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIAL STAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
 - C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

SEEDING RATES

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 Sq. Ft.
A. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREeping RED FESCUE	10	0.25
CROWN VETCH	15	0.35
OR		
FLAT PEA	30	0.75
TOTAL	40 OR 55	0.95 OR 1.35
C. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDS FOOT TREFOIL	8	0.20
TOTAL	48	1.10
D. TALL FESCUE	20	0.45
FLAT PEA	30	0.75
TOTAL	50	1.20
E. CREeping RED FESCUE 1/2	50	1.15
KENTUCKY BLUEGRASS 1/2	50	1.15
TOTAL	100	2.30
F. TALL FESCUE 1	150	3.60

TEMPORARY EROSION CONTROL MEASURES

1. NO MORE THAN 1.58 ACRES OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED OR DIRECTED BY THE ENGINEER ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS.
3. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN 1.10 POUNDS OF SEED PER 1000 SQUARE FEET OF AREA. (48 POUNDS PER ACRE) SEE SEED SPECIFICATIONS THIS SHEET.
4. SILT FENCES AND OTHER EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT GREATER THAN 0.5" DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
5. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
6. AREAS MUST BE SEEDED AND MULCHED WITHIN 3 DAYS OF FINAL GRADING, PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL.

WINTER MAINTENANCE

1. ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 85% VEGETATIVE COVERAGE PRIOR TO OCTOBER 15TH, SHALL BE STABILIZED BY APPLYING MULCH AT A RATE OF 3-4 TONS PER ACRE. ALL SIDE SLOPES, STEEPER THAN 4:1, THAT ARE NOT DIRECTED TO SWALES OR DETENTION BASINS, SHALL BE LINED WITH BIODEGRADABLE/PHOTODEGRADABLE "JUTE MATTING" (EXCELSIOR'S CURLEX II OR EQUAL). ALL OTHER SLOPES SHALL BE MULCHED AND TACKED AT A RATE OF 3-4 TONS PER ACRE. THE APPLICATION OF MULCH AND/OR JUTE MATTING SHALL NOT OCCUR OVER EXISTING SNOW COVER. IF THE SITE IS ACTIVE AFTER OCTOBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED. PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
2. ALL SWALES THAT DO NOT HAVE FULLY ESTABLISHED VEGETATION SHALL BE EITHER LINED WITH TEMPORARY JUTE MATTING OR TEMPORARY STONE CHECK DAMS (APPROPRIATELY SPACED). STONE CHECK DAMS WILL BE MAINTAINED THROUGHOUT THE WINTER MONTHS. IF THE SWALES ARE TO BE MATTED WITH PERMANENT LINERS OR RIPRAP WITH ENGINEERING FABRIC, THIS SHALL BE COMPLETED PRIOR TO WINTER SHUTDOWN OR AS SOON AS THEY ARE PROPERLY GRADED AND SHAPED.
3. PRIOR TO OCT. 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS' ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE PLACED AND COMPACTED. THIS WILL ALLOW THE SUBGRADE TO SHED RUNOFF AND WILL REDUCE ROADWAY EROSION. THIS CRUSHED GRAVEL DOES NOT HAVE TO CONFORM TO NH DOT 304.3, BUT SHALL HAVE BETWEEN 15-25% PASSING THE #200 SIEVE AND THE LARGEST STONE SIZE SHALL BE 2". IF THE SITE IS ACTIVE AFTER NOVEMBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
4. AFTER OCTOBER 15TH, THE END OF NEW HAMPSHIRE'S AVERAGE GROWING SEASON, NO ADDITIONAL LOAM SHALL BE SPREAD ON SIDE SLOPES AND SWALES. THE STOCKPILES THAT WILL BE LEFT UNDISTURBED UNTIL SPRING SHALL BE SEEDED BY THIS DATE. AFTER OCTOBER 15TH, ANY NEW OR DISTURBED PILES SHALL BE MULCHED AT A RATE OF 3-4 TONS PER ACRE. ALL STOCKPILES THAT WILL REMAIN THROUGHOUT THE WINTER SHALL BE SURROUNDED WITH SILT FENCING.

SEEDING GUIDE

USE	SEEDING MIXTURE*	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	FAIR	FAIR
	C	POOR	GOOD	EXCELLENT	GOOD
	D	FAIR	FAIR	GOOD	EXCELLENT
	E	FAIR	EXCELLENT	EXCELLENT	POOR
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER.	A	GOOD	GOOD	GOOD	FAIR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	EXCELLENT	FAIR
	D	FAIR	GOOD	GOOD	EXCELLENT
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	F	FAIR	EXCELLENT	EXCELLENT	**
	G	FAIR	EXCELLENT	EXCELLENT	
GRAVEL PIT. SEE NH-PW-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.					
* REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-36.					
** POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAY AREAS OR ATHLETIC FIELDS.					

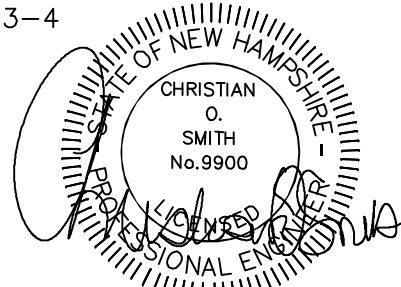
NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR OATS AT A RATE OF 2.5 LBS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCT. 15, IF PERMANENT SEEDING NOT YET COMPLETE.

PREPARED FOR:

GRANTIE STATE CONSTRUCTION SERVICES, LLC
34 AUBURN STREET
EXETER, NH

BA
BEALS
ASSOCIATES, PLLC

70 PORTSMOUTH AVE,
THIRD FLOOR, SUITE 2
STRATHAM, N.H. 03885
PHONE: 603-583-4860
FAX. 603-583-4863



EROSION & SEDIMENT CONTROL DETAILS

PLAN FOR:
COLCORD MEADOW
12 LITTLE RIVER ROAD
EXETER, NH

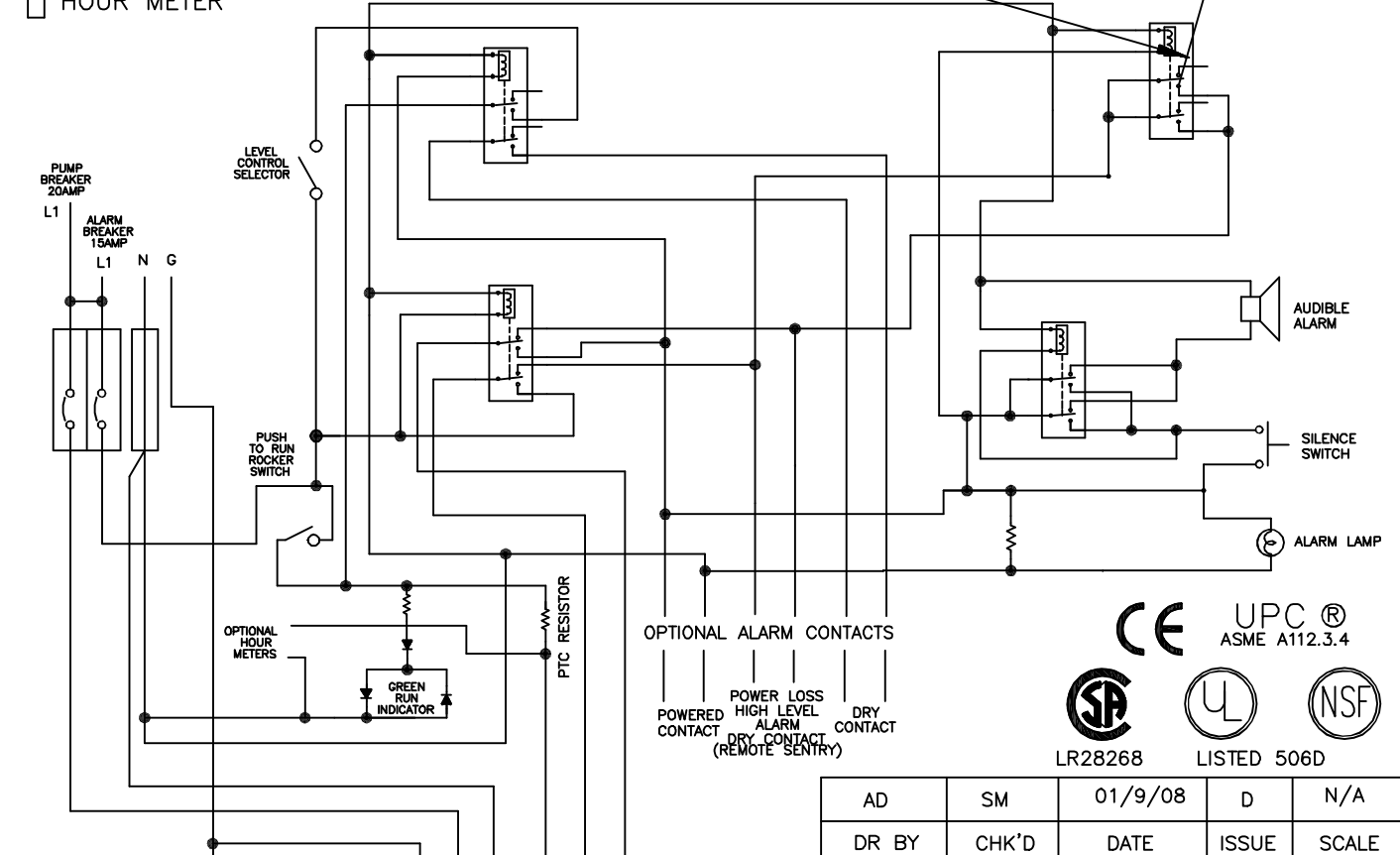
DATE: AUG, 2023 SCALE: NTS'
PROJ. NO: NH-1364 SHEET NO. 9

SIMPLEX SENTRY

REDUNDANT RUN (HIGH LEVEL)
EXTERNAL VISUAL & AUDIBLE ALARM
EXTERNAL LATCHING MANUAL SILENCE
MANUAL RUN
PUMP RUN INDICATOR
CONFORMAL COATED CIRCUIT BOARD
PADLOCK
NEMA 4X ENCLOSURE ASSEMBLY
CORROSION PROOF THERMOPLASTIC
POLYESTER APPROVED BY UL FOR
ELECTRICAL CONTROL ENCLOSURE

OPTIONS:

- ☐ ALARM CONTACTS
☐ EMERGENCY GENERATOR TRANSFER
SWITCH
☐ HOUR METER

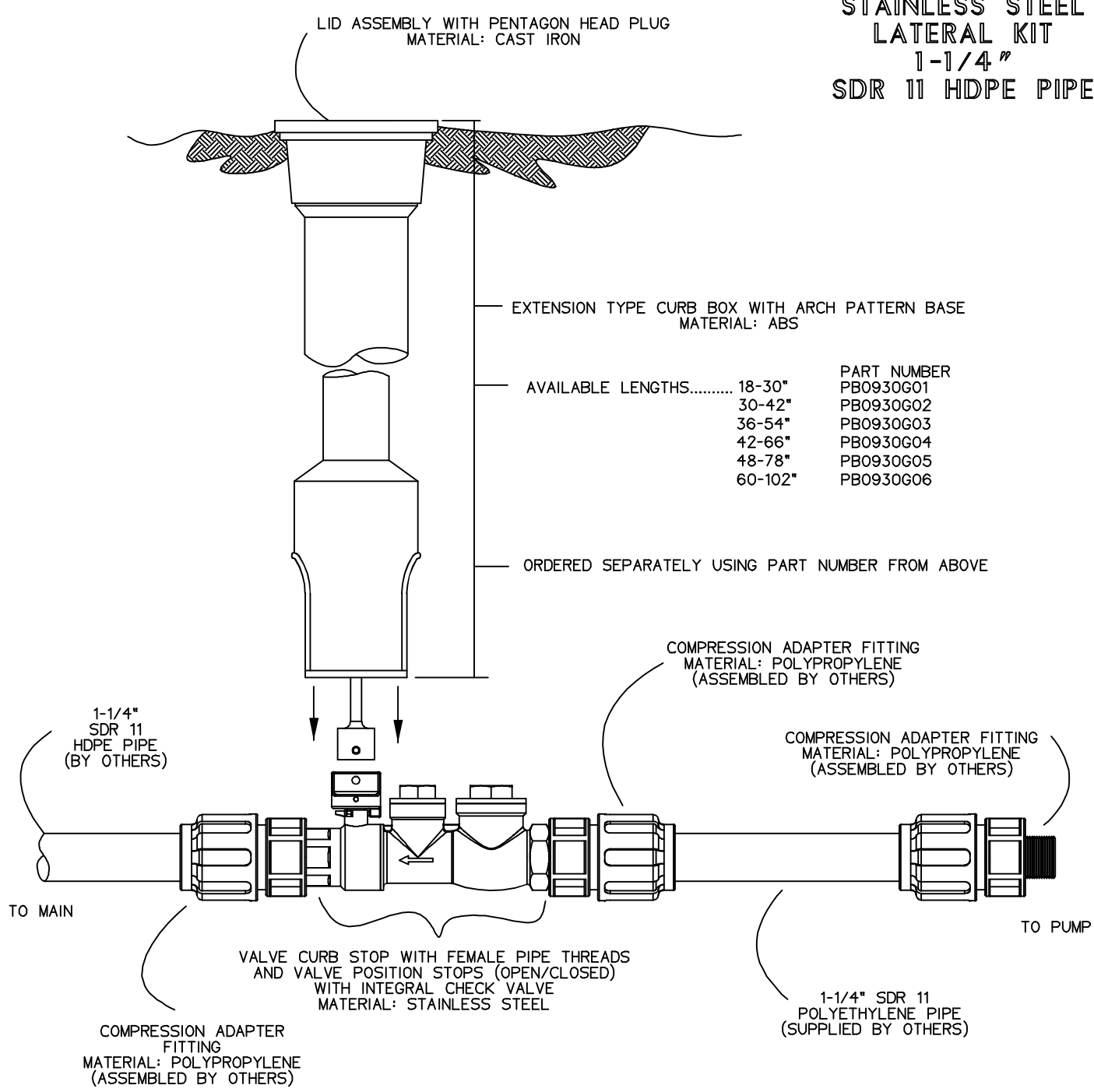


PIN	FUNCTION	2000S	EXTREME
1	MANUAL RUN	RED	BROWN
2	LI	BLACK	RED
3	N	WHITE	BLACK
4	GN	GREEN	ORANGE/YEL
5	ALARM FEED	ORANGE	YELLOW
6	ALARM RETURN	BLUE	BLUE

CONTROL CABLE:
TYPE TC, DIRECT BURIAL, 12AWG,
SIX CONDUCTOR

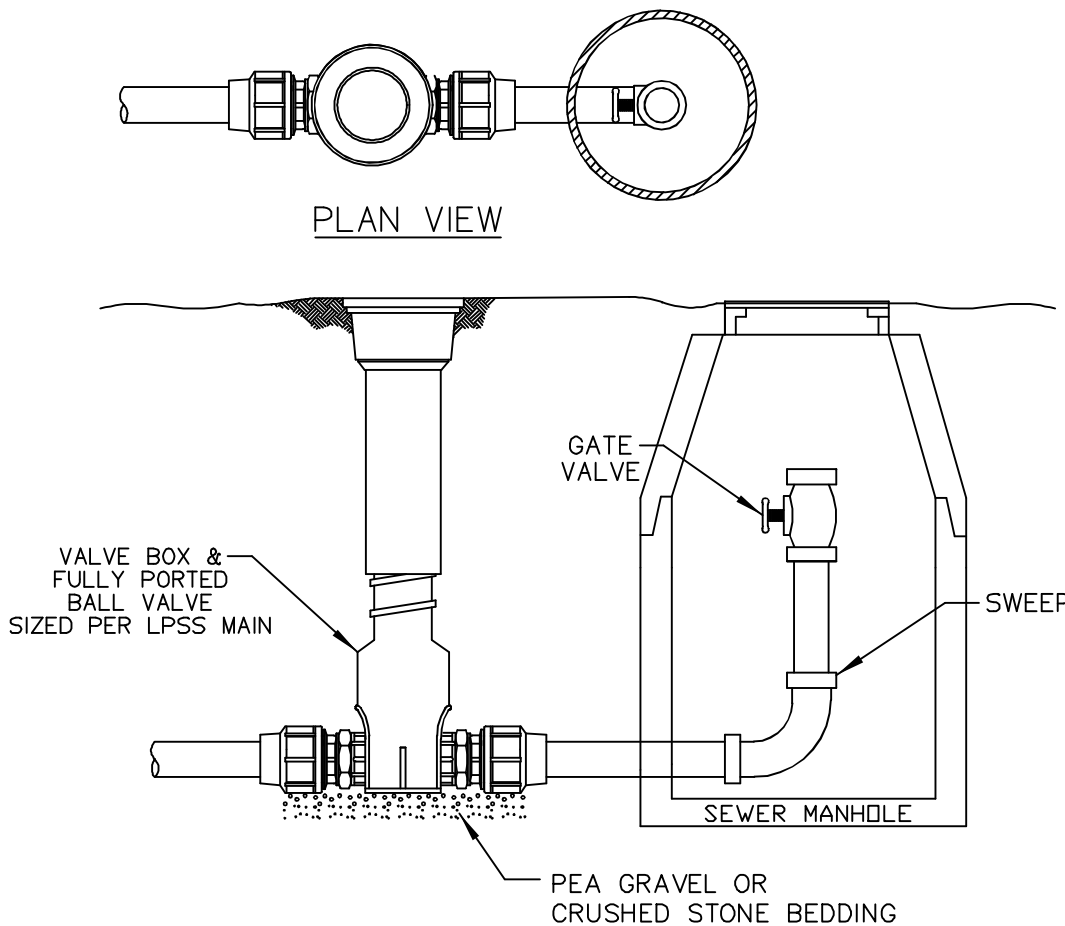
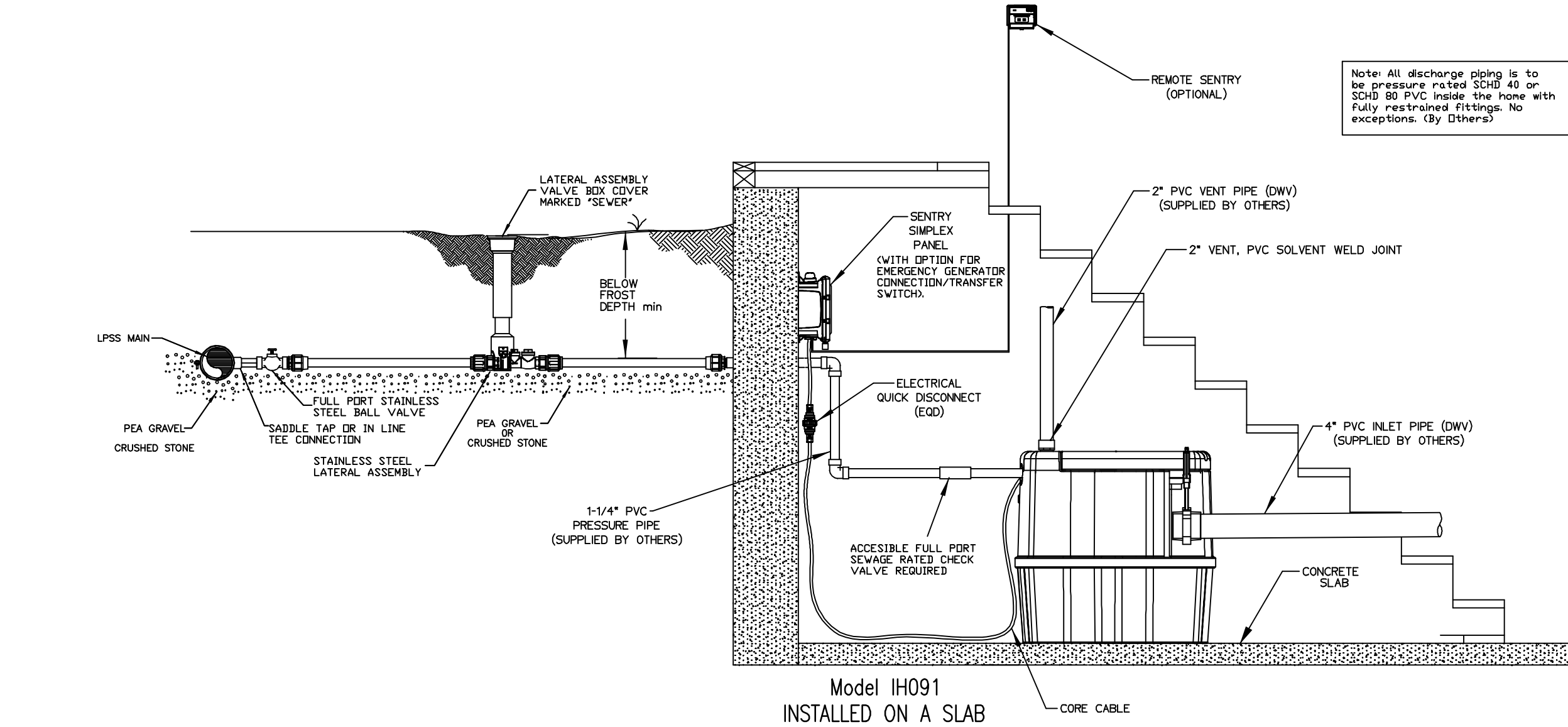
AD	SM	01/9/08	D	N/A
DR BY	CHK'D	DATE	ISSUE	SCALE
eone				
SEWER SYSTEMS				
SIMPLEX SENTRY, 120V 60Hz.				
SINGLE POLE POWER				
LM000327				

STAINLESS STEEL LATERAL KIT
1-1/4" SDR 11 HDPE PIPE



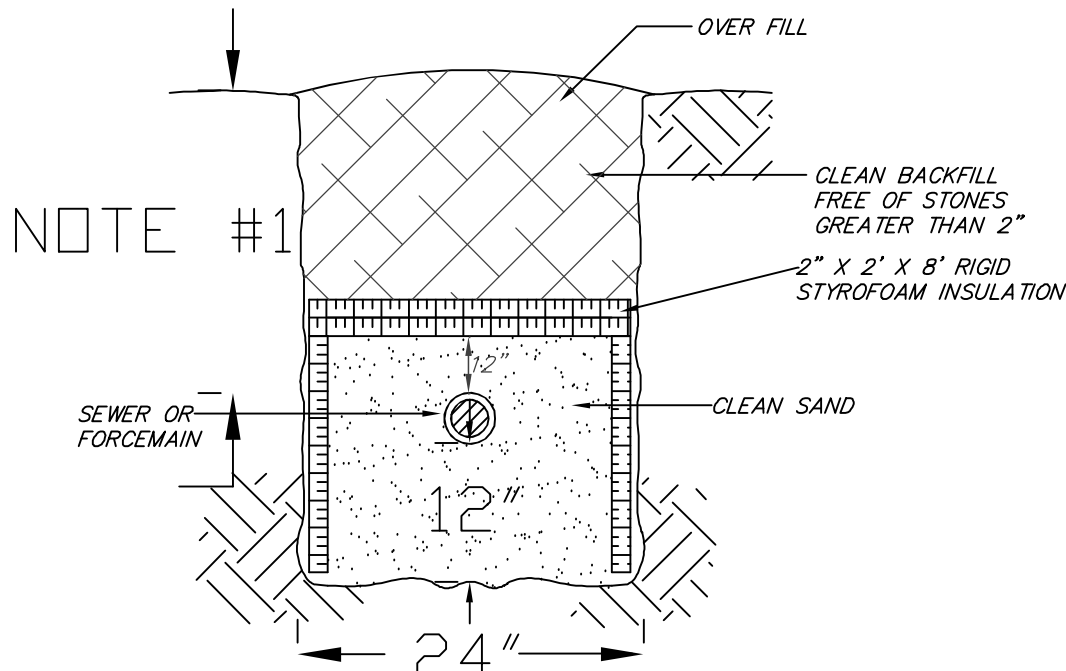
- NOTES:
- SS CURB STOP/CHECK VALVE AND FITTINGS ARE PROVIDED SEPARATELY, TO BE ASSEMBLED BY OTHERS
 - TO ASSEMBLE, APPLY A DOUBLE LAYER OF TEFLON TAPE, AND A LAYER OF PIPE DOPE (SUPPLIED BY OTHERS) TO THE THREADS ON THE PLASTIC FITTINGS AND INSTALL PER THE MANUFACTURER'S INSTRUCTIONS
*FOR SS FITTING INTO SS THREAD, USE PIPE DOPE OR TEFLON TAPE, NOT BOTH
 - ASSEMBLY IS TO BE PRESSURE TESTED (BY OTHERS)
 - ASSEMBLY IS TO BE USED WITH SDR11 HDPE PIPE
 - TO ORDER SS LATERAL KIT, USE PART NUMBER NC0193G01
 - CURB BOX IS TO BE ORDERED SEPARATELY, SEE ABOVE

KIT PARTS ARE NOT ASSEMBLED				
SGS	DN	11/02/11	B	3/16
DR BY	CHK'D	DATE	ISSUE	SCALE
eone				
SEWER SYSTEMS				
STAINLESS STEEL LATERAL KIT				
1-1/4" SDR 11 HDPE PIPE				
NA0330P02				



TYPICAL TERMINAL FLUSHING CONNECTION

SGS	OS-13-10	1	1/32
DR BY	CHK'D	DATE	ISSUE
eone			
SEWER SYSTEMS			
TYPICAL TERMINAL FLUSHING CONNECTION			
ESD 10-0094			

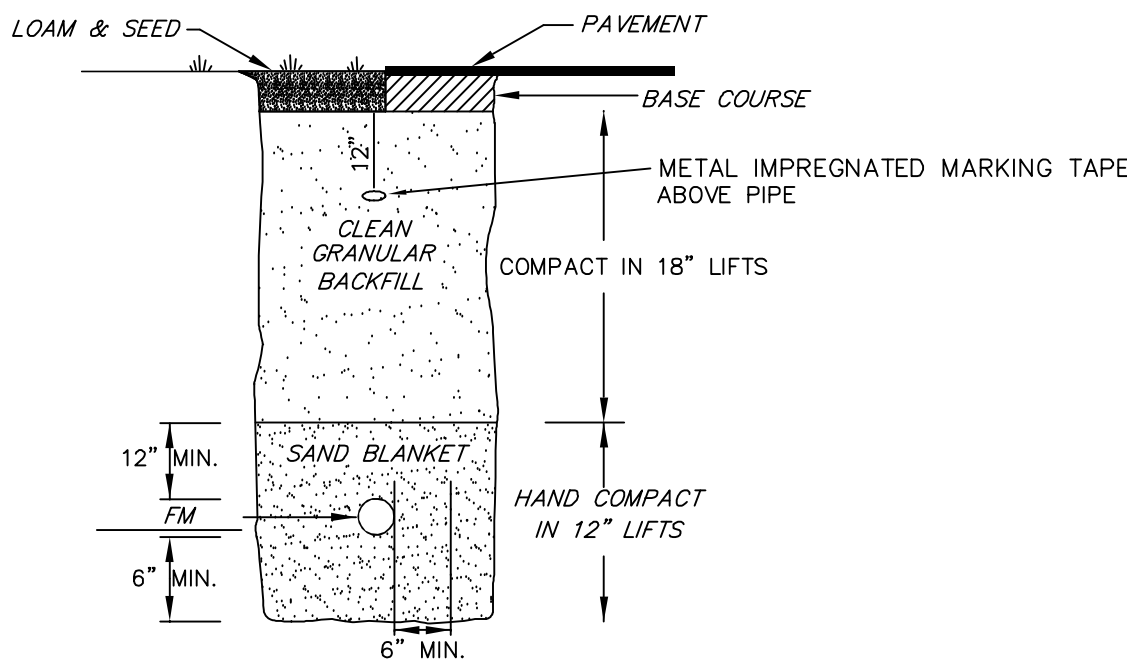


- NOTES:
- INSULATE SEWER OR FORCEMAIN WHERE PIPE WILL BE LESS THAN 6" BELOW PLOWED AREAS OR LESS THAN 4" BELOW AREAS RUNNING CROSS COUNTRY
 - GAPS BETWEEN SECTIONS OF INSULATION TO BE COVERED WITH 2" X 2" X 2" PIECE OF INSULATION CENTERED OVER GAP.

PIPE INSULATION DETAIL
N.T.S.

PUMP SCHEDULE
1 HP - 1725 RPM

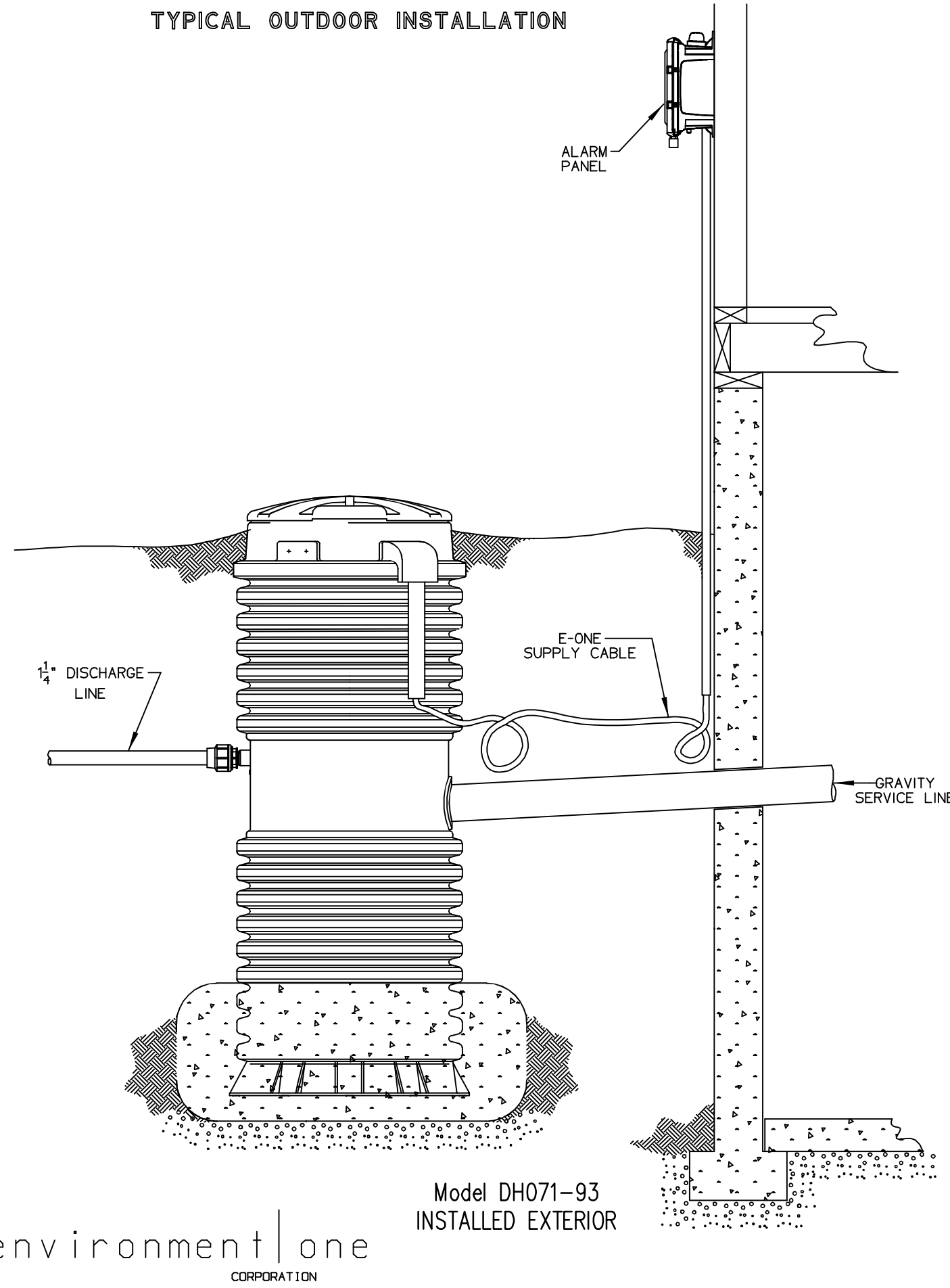
Zone Number	Connects to Zone	Accumulated Total of Pumps in Zone	Pipe Size (inches)	Gallons per 100 feet per Day	Length of Zone (feet)	Capacity of Zone (gallons)	Average Daily Flow (gallons per Day)	Average Final Changes per Day	Average Retention Time (hr)	Accumulated Retention Time (hr)
1.00	1.00	5	2.00	15.40	430.00	66.23	2.250	33.97	0.71	0.71



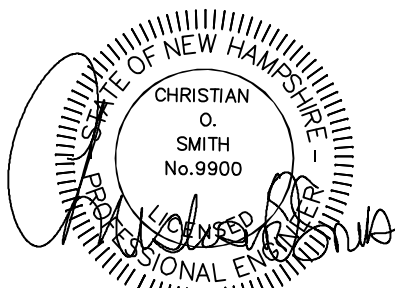
- NOTES:
- MINIMUM COVER SHALL BE 6" FOR PLOWED AREAS, 4" FOR CROSS COUNTRY
 - MULTIPLE PIPES IN THE SAME TRENCH SHALL BE SEPARATED BY 12"±

STANDARD TRENCH DETAIL
N.T.S.

TYPICAL OUTDOOR INSTALLATION



Model DH071-93
INSTALLED EXTERIOR



EFFLUENT DISPOSAL DETAILS

PLAN FOR:
COLCORD MEADOW
12 LITTLE RIVER ROAD
EXETER, NH

DATE: AUG, 2023	SCALE: NTSNTS
PROJ. NO: NH-1364	SHEET NO. 10