

## GENERAL INFORMATION

### OWNER/APPLICANT

PUBLIC SERVICE CO OF NH  
D/B/A EVERSOURCE ENERGY  
P.O. BOX 270  
HARTFORD, CT 06141-0270

### PREPARED FOR

PUBLIC SERVICE CO OF NH  
D/B/A EVERSOURCE ENERGY  
P.O. BOX 270  
HARTFORD, CT 06141-0270

### RESOURCE LIST

#### PLANNING

229 MAIN STREET  
P.O. BOX 2019  
NASHUA, NH 03061-2019  
(603)-589-3114

#### CITY ENGINEERING OFFICE

9 RIVERSIDE STREET  
NASHUA, NH 03061-2019  
(603)-589-3123  
JEANNE WALKER, DEPUTY MANAGER

#### PENNICHUCK WATER WORKS

25 MANCHESTER STREET  
P.O. BOX 1947  
MERRIMACK, NH 03054-1947  
(603)-682-5191

#### RICHARD PHILBROOK ENVIRONMENTAL HEALTH

18 MULBERRY STREET  
P.O. BOX 2019  
NASHUA, NH 03061  
(603)-589-4530  
HEIDI PEEK

#### FIRE MARSHALL

177 LAKE STREET  
NASHUA, NH 03060  
(603)-589-3460

#### TRAFFIC ENGINEER

13 STADIUM DRIVE  
NASHUA, NH 03062  
(603)-589-4750  
WAYNE HUSBAND

#### STREET DEPARTMENT

9 STADIUM DRIVE  
NASHUA, NH 03061  
(603)-589-4750  
ERIC RYDER

#### GAS

LIBERTY UTILITIES  
15 BUTTRICK ROAD  
LONDONDERRY, NH 03053  
800-833-4200

#### ELECTRIC

EVSOURCE  
P.O. BOX 330  
MANCHESTER, NH 03105-0330  
800-662-7764

#### TELEPHONE

FAIRPOINT COMMUNICATIONS  
770 ELM STREET  
MANCHESTER, NH 03103  
(666)-984-3001

#### CABLE

COMCAST COMMUNICATIONS  
332 NASHUA ROAD  
1-800-2660-2278

### ABUTTERS

MAP 77-17, 77-30  
CITY OF NASHUA  
229 MAIN STREET  
NASHUA, NH 03060-0000

#### MAP 77-1

NASHUA MILLYARD ASSOCIATES  
P.O. BOX 766  
NASHUA, NH 03061

#### MAP 77-2A

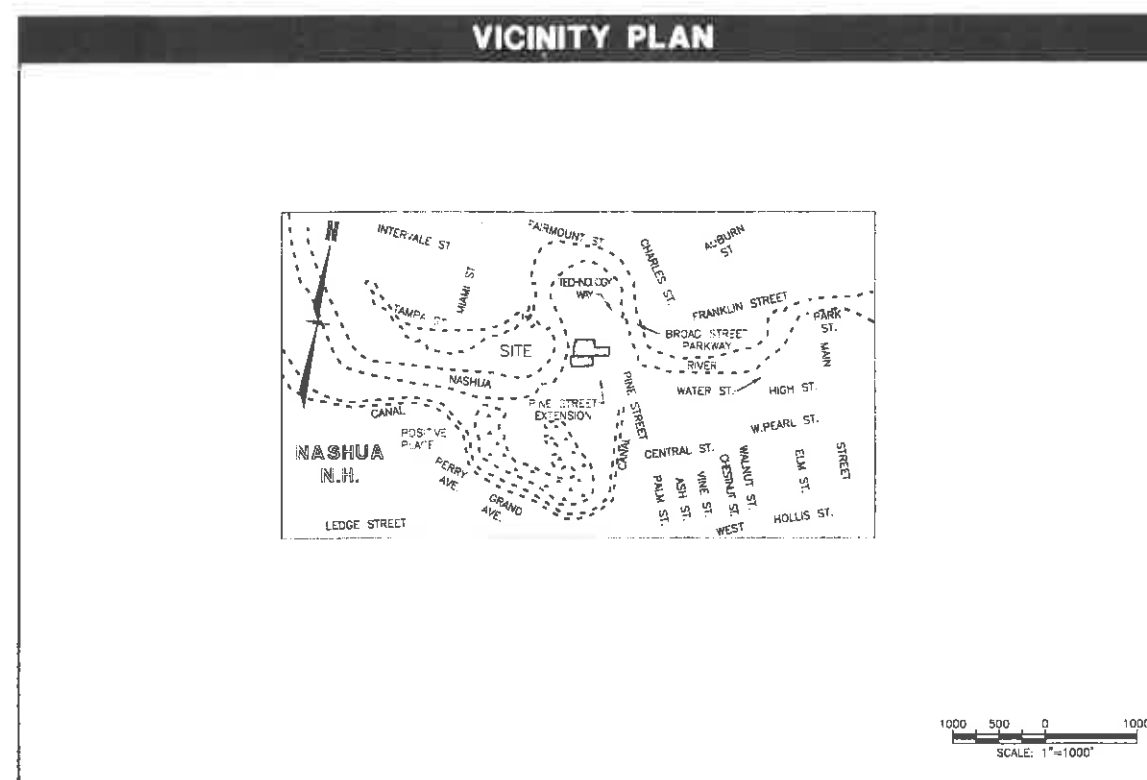
PUBLIC SERVICE CO. OF NH  
P.O. BOX 270  
HARTFORD, CT 06141-0270

#### MAP 77-13

AS TRUSTEE OF PLATO A SPILIOS  
C/O INDIANHEAD REALTY TRUST  
10 TECHNOLOGY WAY  
NASHUA, NH 03060

# MILLYARD SUBSTATION RELOCATION

3 PINE STREET & 21 PINE STREET  
NASHUA, NEW HAMPSHIRE



## INDEX OF SHEETS

SHEET	SHEET TITLE
1	COVER SHEET
2	EXISTING CONDITIONS
3	SITE PREPARATION PLAN
4	SITE LAYOUT PLAN
5	GRADING, DRAINAGE & UTILITY PLAN
6	STORM WATER MANAGEMENT PLAN
7-9	DETAIL SHEETS

## PERMITS / APPROVALS

TOWN SITE PLAN	NUMBER	APPROVED	EXPIRES



### APPROVED - NASHUA CITY PLANNING BOARD

CHAIRMAN: \_\_\_\_\_  
SECRETARY: \_\_\_\_\_  
DATE: \_\_\_\_\_

**TFM** Civil Engineers | 48 Constitution Drive  
Structural Engineers | Bedford, NH 03110  
Traffic Engineers | Phone (603) 472-4488  
Land Surveyors | Fax (603) 472-9747  
Landscape Architects | www.tfmoran.com  
Scientists | TFM Proj:

### COVER SHEET

**EVERSOURCE**  
ENERGY

D #  
CC

ENGINEER  
JB

CHECKED  
NG

APPROVED  
NG

DATE  
5/29/19

NEW HAMPSHIRE  
MAP 77 LOT 2A & 17  
3 PINE STREET & 21 PINE STREET  
NASHUA, NH  
MILLYARD SUBSTATION RELOCATION

SCALE AS NOTED

F.L.E. 17838-01 COVER-DETAILS.DWG

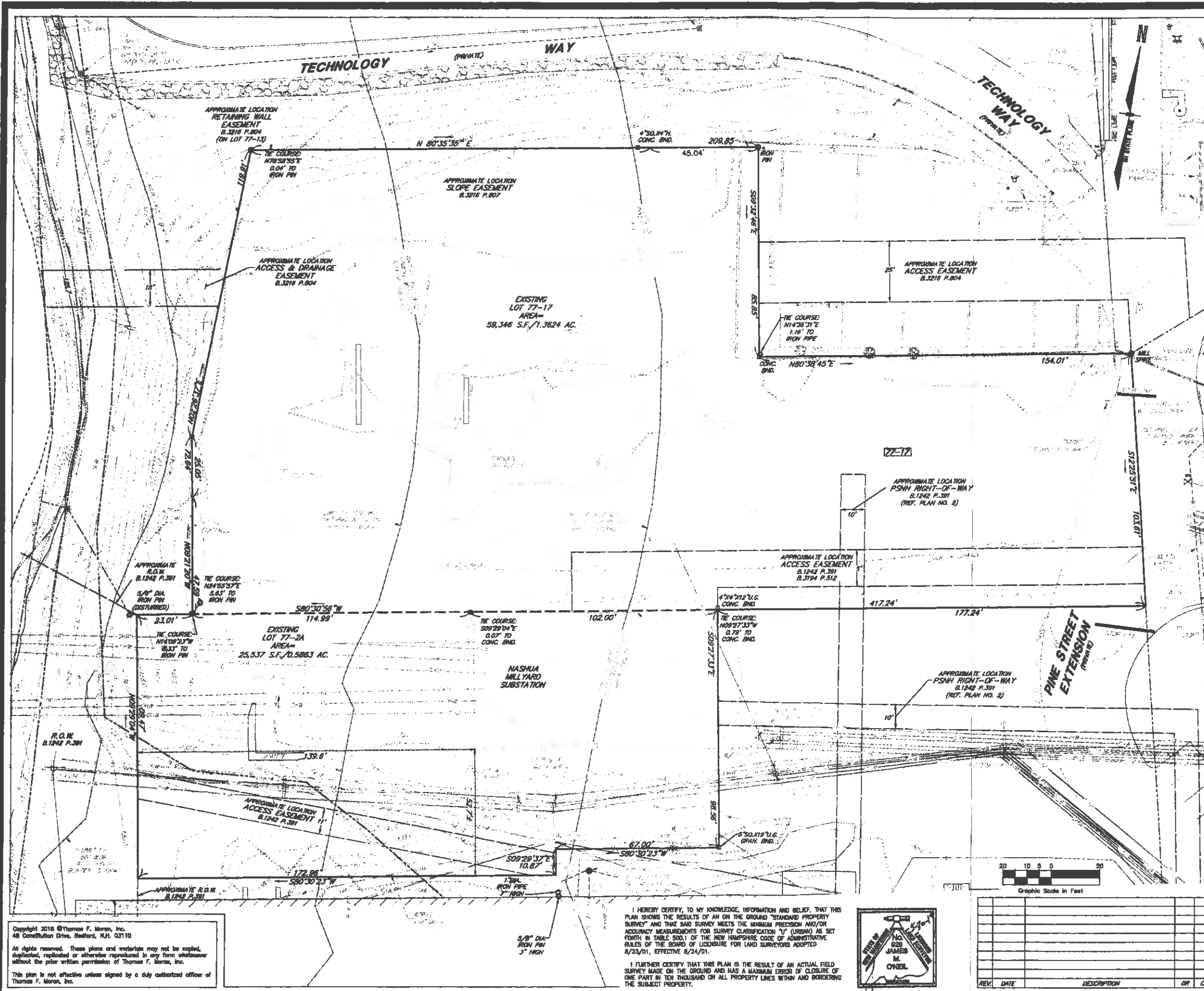
DRAWING NO.

1 OF 9

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**REFERENCE PLANS**

- EXHIBIT "A" LAND & RIGHT OF WAY FROM NASHUA NH FOUNDATION MAY 2, 1949 P.S.C.O. OF NH ENGR DEPT PLAN B-6888-4, HORD PLAN NO.168 AND EXHIBIT "B" LAND & RIGHT OF WAY FROM NASHUA NH FOUNDATION MAY 2, 1949 P.S.C.O. OF NH ENGR DEPT PLAN B-6888-4, HORD PLAN NO. 3075.
- EXHIBIT "B" APPROXIMATE LOCATION OF RIGHTS OF WAY ACROSS LAND OF NASHUA, N.H. FOUNDATION FOR DISTRIBUTION LINES OF PUBLIC SERVICE CO. OF NEW HAMPSHIRE 1949 AUG. 26, 1949 P.S.C.O. OF NH ENGR DEPT PLAN B-6888-3, NOT RECORDED.
- EXHIBIT "C" RIGHT OF WAY ACROSS LAND OF NASHUA, N.H. FOUNDATION JUNE 3, 1949 AND LAST REVISED 7-12-82 P.S.C.O. OF NH ENGR DEPT PLAN B-6888-3, NOT RECORDED. SEE PLAN NO. 3074.
- PLANS OF LAND ACQUIRED BY THE STATE OF NEW HAMPSHIRE RECORDED IN B.0675, P.2241, B.0671, P.2284, B.0611, P.2513 AND B.0611, P.2514.
- LOTS 1,27,28,7,14 AND 17- MAP 77 SUBDIVISION & CONSOLIDATION PLAN MILLIARD PROPERTIES NASHUA, NEW HAMPSHIRE NOW OR FORMERLY BELONGING TO NASHUA NEW HAMPSHIRE FOUNDATION JAN. 20, 1984 BY HAMILTON ENGINEERING ASSOCIATES, INC. HORD PLAN NO. 16524.
- LOT LINE RELOCATION AND EASEMENT PLAN TAX MAP 77 LOTS 13 & 17 PINE STREET EXT. NASHUA, NEW HAMPSHIRE PREPARED FOR 10 PINE STREET LIMITED PARTNERSHIP JULY 25, 1984 BY CLOOD & CORNER INC. HORD PLAN NO. 10845.
- LOTS 1,28,14,7,5 AND 18- MAP 77 LOT LINE RELOCATION PLAN MILLIARD PROPERTIES NASHUA, NEW HAMPSHIRE NOW OR FORMERLY BELONGING TO NASHUA NEW HAMPSHIRE FOUNDATION OCT. 24, 1984 BY HAMILTON ENGINEERING ASSOCIATES, INC. HORD PLAN NO. 17208.
- BOUNDARY PLAN OF LAND TAX MAP 77 LOTS 13 & 17 PINE STREET EXT. NASHUA, NEW HAMPSHIRE PREPARED FOR 10 PINE STREET LIMITED PARTNERSHIP JULY 25, 1984 AND REVISED DECEMBER 30, 1982 BY CLOOD & CORNER INC. HORD PLAN NO. 28303.
- LOTS 1,8,23 AND 20- MAP 77 LOT LINE RELOCATION PLAN MILLIARD PROPERTIES NASHUA, NEW HAMPSHIRE NOW OR FORMERLY BELONGING TO NASHUA NEW HAMPSHIRE FOUNDATION DEC. 12, 1985 BY HAMILTON ENGINEERING ASSOCIATES, INC. HORD PLAN NO. 18688.
- LAND AND BUILDING FOR JOHN COOY NASHUA NH NOV. 6, 1949 BY H. ALLEN ENGINEER HORD PLAN NO. 188F.
- BLEACHERY- LOT NASHUA N.H.-FOUNDATION NASHUA NH SEPT. 26, 1957 HORD PLAN NO.1517 AND NO. 3074.
- PLAN SHOWING LAND OF H.H. BAGSHAW CO. INC. & NASHUA INDUSTRIAL-MACHINE CO. NASHUA NH FEB. 17, 1980 HORD PLAN NO. 1803.
- PROPOSED ROAD-NASHUA NH FOUNDATION SPRINGE ELECT. CO. PARKING LOT NASHUA, N.H. NOVEMBER 1983 BY A.E. WYMAN & CO. HORD PLAN NO. 2588.
- SUBDIVISION PLAN MILLIARD PROPERTIES NASHUA, NEW HAMPSHIRE NOW OR FORMERLY BELONGING TO NASHUA NEW HAMPSHIRE FOUNDATION SEPT. 28, 1978 AND LAST REVISED 6-10-80 BY HAMILTON ENGINEERING ASSOCIATES, INC. HORD PLAN NO. 13237.
- RIGHT OF WAY PLAN BROAD STREET PARROWAY PROJECT NASHUA NEW HAMPSHIRE PREPARED FOR/RECORD OWNER: CITY OF NASHUA AUGUST 1, 2015 BY HAYNER/SIMMONS, INC. NOT RECORDED.
- SKETCH OF SURVEY TO TECHNOLOGY WAY NASHUA NEW HAMPSHIRE PREPARED FOR/RECORD OWNER: NDM HEAD REALTY TRUST 6 OCTOBER 2017 BY HAYNER/SIMMONS, INC. NOT RECORDED.
- CITY OF NASHUA PLAN FOR PARCEL 77-17, 21 PINE STREET EXTENSION PREPARED FOR: CITY OF NASHUA, 229 MAIN STREET, NASHUA, NEW HAMPSHIRE, APRIL 28, 2018. CITY ENGINEER'S OFFICE. HORD PLAN NO. 38941.

**NOTES**

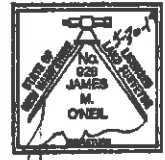
- OWNER OF RECORD OF MAP 77 LOT 17 IS THE CITY OF NASHUA 229 MAIN ST. NASHUA, NH 03060 PARCEL ADDRESS: 21 PINE ST. EXT., NASHUA, NH DEED REFERENCE TO PARCEL IS BK. 8513 PG. 1928 AND BK. 9063, PG. 2292 IN THE HORD. AREA = 58,339 SF +/- or 1.3222 ACRES +/-.
- OWNER OF RECORD OF MAP 77 LOT 2A IS PUBLIC SERVICE CO OF NH D/B/A EVERSOURCE ENERGY PO BOX 276, WILTON, CT 06414-0276. PARCEL ADDRESS: 77 PINE ST. NASHUA, NH DEED REFERENCE TO PARCEL IS BK. 1242 PG. 381 IN THE HORD. AREA = 25,537 SF +/- or 0.5863 ACRES +/-.
- 77-17 INDICATES TAX MAP AND LOT NUMBER.
- THE PURPOSE OF THIS PLAN IS TO SHOW THE RESULTS OF AN EXISTING CONDITIONS SURVEY OF LOTS 77-17 AND 77-2A.
- CURRENT ZONING IS Q/MU.
  - MIN. LOT SIZE: 8,000 SQUARE FEET
  - MIN. LOT WIDTH: 80 FEET
  - MIN. FRONTAGE: 80 FEET
  - MIN. LOT DEPTH: 75 FEET
  - MAX. HEIGHT: 80 FEET OR 5 STORIES
  - MIN. BUILDING SETBACKS: 10 FEET FRONT, 30 FEET REAR, 10 FEET SIDE
  - OPEN SPACE PERCENTAGE: 10 PERCENT
  - MAX. FLOOR AREA RATIO: 2.0
- EXAMINATION OF THE FLOOD INSURANCE RATE MAP FOR HILLSBOROUGH COUNTY, NEW HAMPSHIRE, (ALL JURISDICTIONS) MAP NUMBER 33011008130 EFFECTIVE DATE: SEPTEMBER 28, 2008, INDICATES THAT THE SUBJECT PARCELS ARE NOT LOCATED WITHIN A FLOOD HAZARD AREA, ZONE AE.
- BENCHMARK USED: HIND CORS BASE STATION VERTICAL DATUM: MVD 88 (CORS) BENCHMARK SET: AS NOTED
- HORIZONTAL COORDINATES: PROJECTION: NH STATE PLANE HORIZONTAL DATUM: MVD 83
- EASEMENTS, RIGHTS, AND RESTRICTIONS SHOWN OR IDENTIFIED ARE THOSE WHICH WERE FOUND DURING RESEARCH PERFORMED AT THE HILLSBOROUGH COUNTY REGISTRY OF DEEDS. OTHER EASEMENTS, RIGHTS OR RESTRICTIONS MAY EXIST WHICH A TITLE EXAMINATION OF SUBJECT PARCELS WOULD DETERMINE.
- THE LOCATION OF ANY UNDERGROUND UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. TFMORAN INC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UNDERGROUND UTILITIES SHOWN. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG-SAFE AT 811.

**TAX MAP 77 LOT 2A & 17  
EXISTING CONDITIONS PLAN  
CITY OF NASHUA AND EVERSOURCE ENERGY  
3 & 21 PINE STREET,  
NASHUA, NEW HAMPSHIRE  
OWNED BY  
CITY OF NASHUA (MAP 77, LOT 17)  
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
d/b/a EVERSOURCE ENERGY (MAP 77, LOT 2A)  
PREPARED FOR  
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
d/b/a EVERSOURCE ENERGY**

**SCALE: 1"=20'      603-634-3256      MAY 15, 2018**

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I HEREBY CERTIFY, TO MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THIS PLAN SHOWS THE RESULTS OF AN ON THE GROUND "STANDARD PROPERTY SURVEY" AND THAT SAID SURVEY MEETS THE MINIMUM PRECISION AND/OR ACCURACY MEASUREMENTS FOR SURVEY CLASSIFICATION "U" (URBAN) AS SET FORTH IN TABLE 500.1 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS ADOPTED 8/23/01, EFFECTIVE 8/24/01.  
I FURTHER CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY MADE ON THE GROUND AND HAS A MAXIMUM ERROR OF CLOSURE OF ONE PART IN TEN THOUSAND ON ALL PROPERTY LINES WITHIN AND BORDERING THE SUBJECT PROPERTY.

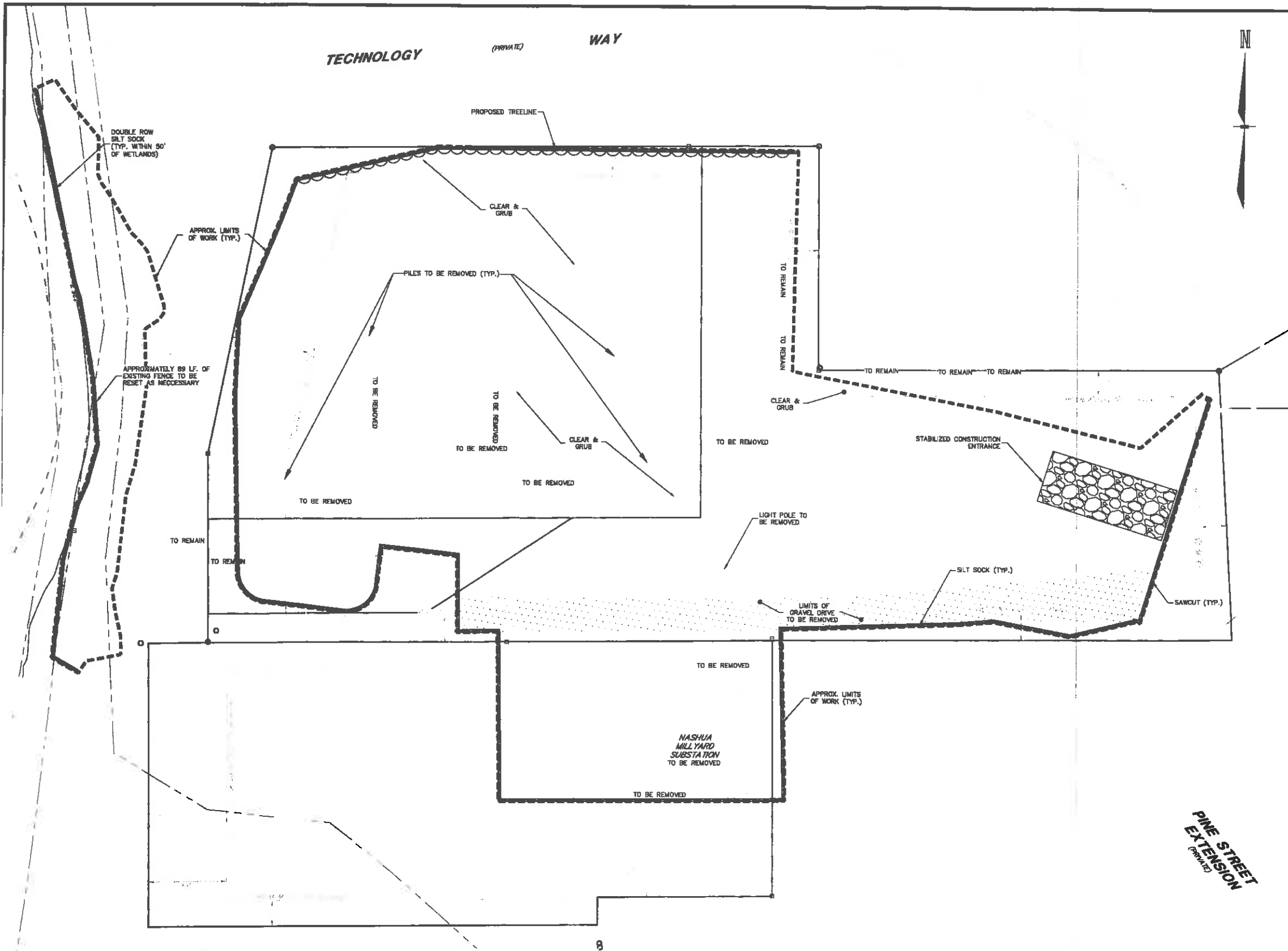


REV.	DATE	DESCRIPTION	BY	CHK

**TFM** Civil Engineers, Structural Engineers, Traffic Engineers, Land Surveyors, Landscape Architects, Scientists

48 Constitution Drive  
Bedford, NH 03110  
Phone (603) 472-4488  
Fax (603) 472-9747  
www.tfmoran.com

17939.00    DR TNB    PS    2127  
CK JMO    DATE/PLN    17939-00 SURVEY    SHEET 2 OF 9



**NOTES**

1. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
2. THE CONTRACTOR SHALL VERIFY ALL SURVEY INFORMATION IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
3. EXISTING UTILITY SERVICES TO BE DISCONTINUED ARE TO BE CAPPED AS REQUIRED BY THE RESPECTIVE UTILITY COMPANIES.
4. ALL DEMOLITION AND CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.
5. CONTRACTOR TO LIMIT AREA OF DISTURBANCE DURING CONSTRUCTION.
6. CONTRACTOR TO INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE WORK. THE MEASURES SHOWN ON THIS PLAN ARE ONLY TO BE USED AS A GUIDE.
7. EXISTING STRUCTURE RELOCATION/REMOVAL SHALL BE COORDINATED WITH OWNER.
8. EXISTING UTILITY POLE RELOCATION/REMOVAL SHALL BE BY OWNER.
9. CONTRACTOR TO PROTECT EXISTING TREES TO REMAIN WITH ORANGE CONSTRUCTION FENCE - CONTACT OWNER IF ANY TREES ARE DAMAGED.
10. FINAL LIMITS OF OVERHEAD WIRE AND UTILITY POLE REMOVAL TO BE COORDINATED WITH EVERSOURCE.

**NRCS SOILS LEGEND**

SOILS INFORMATION SHOWN HEREIN IS GRAPHICALLY REPRODUCED FROM THE USDA NATURAL RESOURCES CONSERVATION SERVICE NATIONAL COOPERATIVE SOIL SURVEY OF HILLSBOROUGH COUNTY, NEW HAMPSHIRE, SURVEY AREA DATA, VERSION 16, SEPTEMBER 11, 2017.

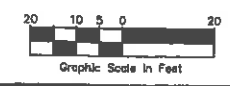
- WINDSOR LOAMY SAND, 15 TO 35 PERCENT SLOPES
- URBAN LAND
- WATER

**LEGEND**

- EXISTING**
- CHAIN LINK FENCE
  - UTILITY POLE
  - SPOT GRADE
  - INDEX CONTOUR
  - INTERMEDIATE CONTOUR
  - EXISTING TREELINE
  - OVERHEAD UTILITIES
  - UNDERGROUND ELECTRIC
- PROPOSED**
- SILT-SOCK
  - TREELINE



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REV	DESCRIPTION	ENG/PEJ	DATE	DRN	CHKD	APPRD

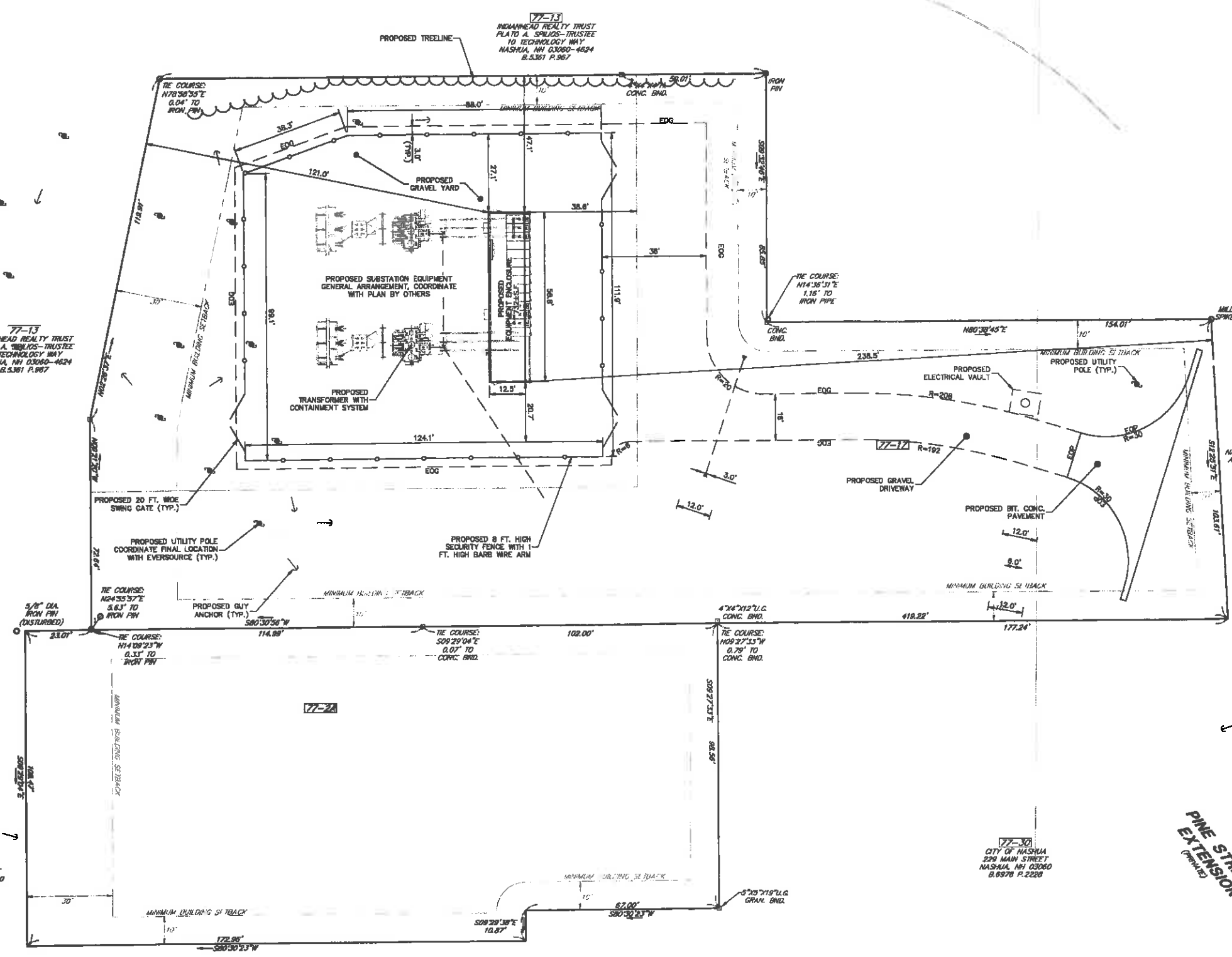


**TFM** Civil Engineers, Structural Engineers, Traffic Engineers, Land Surveyors, Landscape Architects, Scientists  
 48 Constitution Drive, Bedford, NH 03110  
 Phone (603) 472-4488, Fax (603) 472-9747, www.tfmoran.com  
 TFM Proj: \_\_\_\_\_

<b>SITE PREPARATION PLAN</b>		D	#
<b>EVERSOURCE ENERGY</b>			
NEW HAMPSHIRE			
MAP 77 LOT 2A & 17 3 PINE STREET & 21 PINE STREET NASHUA, NH MILLYARD SUBSTATION RELOCATION			
SCALE: 1" = 20'	FILE: 17638-01 SITE/DWG	DATE: 5/28/19	DRAWING NO.: 3 OF 9

5/29/2019 10:50 AM - location - E:\VTL Projects\17639-01 Milliard Engineering Services\Academics\17639-01 Site.dwg - 5/29

**TECHNOLOGY WAY** (PRIVATE)



**NOTES**

- OWNER OF RECORD OF MAP 77 LOT 17 IS THE CITY OF NASHUA 229 MAIN ST. NASHUA, NH 03080 PARCEL ADDRESS: 21 PINE ST. EXT., NASHUA, NH DEED REFERENCE TO PARCEL IS ENL. 6313 PG. 1628 IN THE HCOR. NO DEED FOUND FOR PARCEL "A". AREA = 58,338 SF± or 1.3822 ACRES±. (INCLUDES PARCEL "A")
- OWNER OF RECORD OF MAP 77 LOT 2A IS PUBLIC SERVICE CO OF NH 8/B/A EVERSOURCE ENERGY PO BOX 270, HARTFORD, CT 06141-0270. PARCEL ADDRESS: 77 PINE ST. NASHUA, NH DEED REFERENCE TO PARCEL IS ENL. 1242 PG. 381 IN THE HCOR. AREA = 28,837 SF± or 0.6682 ACRES±.
- THE PURPOSE OF THIS PLAN IS TO OCCUPATION AND RECONSTRUCT THE MILLIARD SUBSTATION INCLUDING AN APPROXIMATELY 15,000 SF± SUBSTATION YARD.
- CURRENT ZONING IS (O/UM) ZONING DISTRICT.
 

MIN. LOT SIZE:	REQUIRED: 5,000 SF	PROVIDED: 58,338 SF
MIN. LOT WIDTH:	50'	103.81'
MIN. LOT FRONTAGE:	80'	103.81'
MIN. LOT DEPTH:	75'	
MIN. BUILDING SETBACKS:		
FRONT:	10'	47.1'
SIDE:	10'	121.0'
REAR:	18'	N/A
OPEN SPACE PERCENTAGE:	10%	85%
MAX. BUILDING HEIGHT:	30' (3 STORES)	1 STORY
MAX. FLOOR AREA RATIO:	2.0	0.01
- PARKING CALCULATIONS:
 

REQUIRED:	
UTILITY LINES:	N/A
PROPOSED:	

 AS THE SUBSTATION USE REQUIRES NO DEDICATED PARKING NONE HAS BEEN SPECIFICALLY DEDICATED. PARKING FOR EVERSOURCE TECHNICIANS IS AVAILABLE INSIDE THE SUBSTATION AND WITHIN THE GRAVEL PARKING AREA.
- THE PROPERTY WILL BE SERVICED BY THE FOLLOWING:
 

DRAINAGE:	PRIVATE
SEWER:	N/A
WATER:	N/A
GAS:	N/A
ELECTRIC:	EVERSOURCE ENERGY
TELEPHONE:	FIBERPOINT COMMUNICATIONS / COMCAST
- IN THE EVENT THAT THE SNOW STORAGE AREAS PROVIDED ON THE SITE ARE COMPLETELY UTILIZED, EXCESS SNOW SHALL BE TRANSPORTED OFF SITE FOR DISPOSAL IN ACCORDANCE WITH N.H.D.E.S. REGULATIONS. IF SNOW IS STORED WITHIN PARKING AREA KEEP CATCH BASINS CLEAR.
- THE CONTRACTOR SHALL BID AND PERFORM THE WORK IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES, SPECIFICATIONS, REGULATIONS AND STANDARDS.
- ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS NOTED OTHERWISE.
- WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR CONDITIONS AT THE SITE. THESE PLANS, PREPARED BY TFMORAN, INC., DO NOT EXTEND TO OR INCLUDE SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR THEIR EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF THE SURVEYOR OR ENGINEER HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED INTO THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS WHICH MAY BE REQUIRED BY THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND/OR LOCAL REGULATIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL SURROUNDING CONDITIONS. THE CONTRACTOR SHALL ADVISE THE APPROPRIATE AUTHORITY OF HIS INTENTIONS AT LEAST 48 HOURS IN ADVANCE.
- THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
- LIGHTING, SIGNAGE, LANDSCAPING, AND SCREENING SHALL MEET THE REQUIREMENTS OF THE CITY OF NASHUA ZONING ORDINANCE AND SITE PLAN REGULATIONS.
- SITE WORK SHALL BE CONSTRUCTED FROM A COMPLETE SET OF PLANS. NOT ALL FEATURES ARE DETAILED ON EVERY PLAN. THE ENGINEER IS TO BE NOTIFIED OF ANY CONFLICT WITHIN THIS PLAN SET.
- ALL WORK IS TO CONFORM TO THE CITY OF NASHUA, DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS.
- IN THE EVENT OF A CONFLICT BETWEEN PLANS, SPECIFICATIONS, AND DETAILS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATION.
- IF CONDITIONS AT THE SITE ARE DIFFERENT THAN SHOWN ON THE PLANS, THE ENGINEER SHALL BE NOTIFIED PRIOR TO PROCEEDING WITH THE AFFECTED WORK.
- THESE PLANS WERE PREPARED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER. TFMORAN, INC. ASSUMES NO LIABILITY AS A RESULT OF ANY CHANGES OR NON-COMFORMANCE WITH THESE PLANS EXCEPT UPON THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- TFMORAN, INC. ASSUMES NO LIABILITY FOR WORK PERFORMED WITHOUT AN ACCEPTABLE PROGRAM OF TESTING AND INSPECTION AS APPROVED BY THE ENGINEER OF RECORD.

77-13  
INDIANHEAD REALTY TRUST  
PLAT A. SPUDS-TRUSTEE  
TO TECHNOLOGY WAY  
NASHUA, NH 03080-4824  
8.5381 P.987

77-1  
MILLIARD SUBSTATION  
ASSOCIATES, INC.  
PO BOX 708  
NASHUA, NH  
03080-0708  
8.3769 P.97

77-30  
CITY OF NASHUA  
229 MAIN STREET  
NASHUA, NH 03080  
8.6978 P.2228

APPROVED - NASHUA CITY PLANNING BOARD

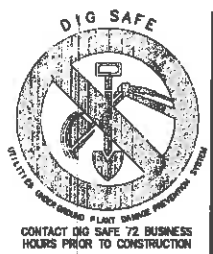
CHAIRMAN: \_\_\_\_\_  
SECRETARY: \_\_\_\_\_  
DATE: \_\_\_\_\_



**TFM**  
Civil Engineers  
Structural Engineers  
Traffic Engineers  
Land Surveyors  
Landscape Architects  
Scientists

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TFM Proj:

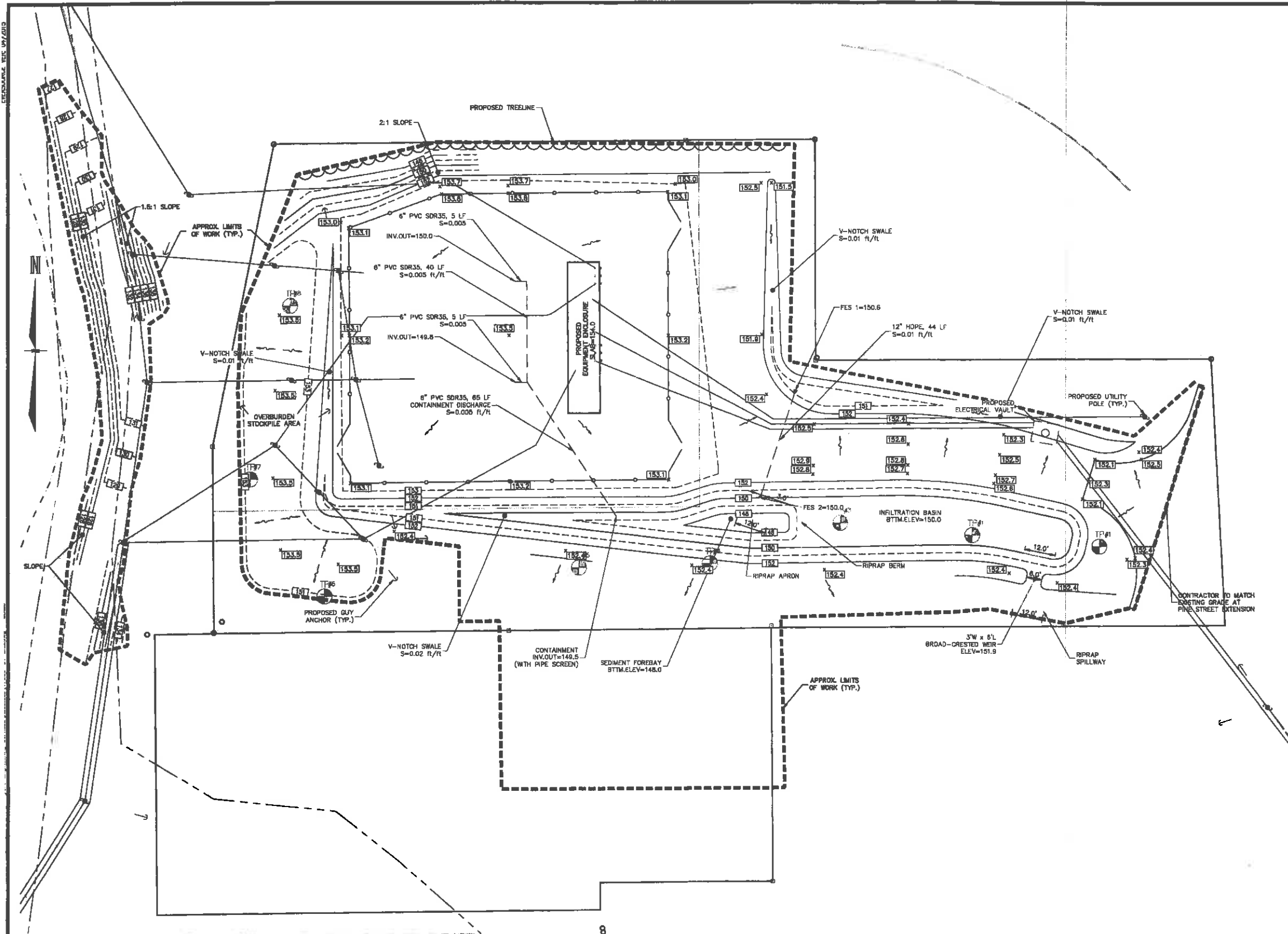
PINE STREET  
EXTENSION



REV	DESCRIPTION	ENG/PCB	DATE	DRN	CHKD	APPR

SITE LAYOUT PLAN	
<b>EVERSOURCE ENERGY</b>	D   P
NEW HAMPSHIRE	DRN   JS
MAP 77 LOT 2A & 17 3 PINE STREET & 21 PINE STREET NASHUA, NH MILLIARD SUBSTATION RELOCATION	CHECKED   NG APPROVED   NG DATE   5/29/19
SCALE: 1" = 20'	FILED 17639-01 SITE LAYOUT PLAN DATE: 5/29/19 DRAWING NO.   4 OF 9

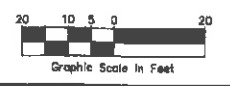
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**NOTES**

1. ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE CITY OF NASHUA, AND SHALL BE BUILT IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL SURROUNDING CONDITIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT "DIGSAFE" (811) AT LEAST 72 HOURS BEFORE DIGGING.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL COORDINATE AS NECESSARY WITH THE UTILITY COMPANIES OF SAID UTILITIES. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECTIONS.
6. ROAD AND DRAINAGE CONSTRUCTION SHALL CONFORM TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS, AND SHALL MEET LOCAL STANDARDS AND THE REQUIREMENTS OF THE LATEST MDOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGE CONSTRUCTION AND THE MDOT STANDARD STRUCTURE DRAWINGS UNLESS OTHERWISE NOTED.
7. STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. CONSTRUCTION METHODS SHALL CONFORM TO MDOT STANDARD SPECIFICATIONS, SECTION 803. CATCH BASINS AND DRAIN MANHOLES SHALL CONFORM TO SECTION 804. ALL CATCH BASIN GRATES SHALL BE TYPE B AND CONFORM TO MDOT STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
8. ALL MANHOLES IN PAVEMENT SHALL HAVE RIMS SET TO FINISH GRADE REGARDLESS OF ANY ELEVATIONS OTHERWISE SHOWN.
9. ALL ELEVATIONS SHOWN AT CURB ARE TO THE BOTTOM OF CURB UNLESS OTHERWISE NOTED. CURBS HAVE A 6" REVEAL UNLESS OTHERWISE NOTED.
10. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
11. THE SITE CONTRACTOR SHALL PREPARE, MAINTAIN, AND EXECUTE A S.N.P.P.P. IN ACCORDANCE WITH EPA REGULATIONS AND THE CONSTRUCTION GENERAL PERMIT.
12. THE SITE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO SUBMIT AN W-01 AT LEAST 14 DAYS IN ADVANCE OF ANY EARTHWORK ACTIVITIES AT THE SITE.
13. THE EROSION CONTROL PRACTICES SHOWN ON THESE PLANS ARE ILLUSTRATIVE ONLY AND SHALL BE SUPPLEMENTED BY THE SITE CONTRACTOR AS NEEDED.
14. COORDINATE WITH ARCHITECTURAL PLANS FOR DETAILED GRADING AT BUILDING, AND SIZE AND LOCATION OF ALL BUILDING SERVICES.
15. COORDINATE WITH GEOTECHNICAL/STRUCTURAL PLANS FOR SITE PREPARATION AND OTHER BUILDING INFORMATION.
16. COORDINATE WITH MECHANICAL AND PLUMBING PLANS FOR ROOF DRAIN INFORMATION.
17. LIMITS OF WORK ARE SHOWN AS APPROXIMATE. THE CONTRACTOR SHALL COORDINATE ALL WORK TO PROVIDE SMOOTH TRANSITIONS. THIS INCLUDES GRADING, PAVEMENT, CURBING, SIDEWALKS AND ALIGNMENTS.
18. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION ABOUT GROUNDWATER CONDITIONS. THE CONTRACTOR SHALL FOLLOW THE GEOTECHNICAL ENGINEERS RECOMMENDED METHODS TO ADDRESS ANY GROUNDWATER ISSUES THAT ARE FOUND ON SITE.
19. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE CONDITIONS AT THE SITE. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES TO THE ENGINEER.
20. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK THE ACCURACY OF THE TOPOGRAPHY AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO ANY EARTHWORK BEING PERFORMED ON THE SITE. NO CLAIM FOR EXTRA WORK WILL BE CONSIDERED FOR PAYMENT AFTER EARTHWORK HAS COMMENCED.
21. VERIFY TBM ELEVATIONS PRIOR TO CONSTRUCTION.
22. IN THE EVENT OF A CONFLICT BETWEEN PLANS, SPECIFICATIONS, AND DETAILS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATION.
23. IF CONDITIONS AT THE SITE ARE DIFFERENT THAN SHOWN THE ENGINEER SHALL BE NOTIFIED PRIOR TO PROCEEDING WITH THE AFFECTED WORK.
24. THESE PLANS WERE PREPARED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER. TFMORAN INC. ASSUMES NO LIABILITY AS A RESULT OF ANY CHANGES OR NON-COMFORMANCE WITH THESE PLANS EXCEPT UPON THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
25. TFMORAN INC. ASSUMES NO LIABILITY FOR WORK PERFORMED WITHOUT AN ACCEPTABLE PROGRAM OF TESTING AND INSPECTION AS APPROVED BY THE ENGINEER OF RECORD.
26. THE SITE CONTRACTOR SHALL ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF NHDES ENV-WO 1500 AS APPLICABLE.
27. AT COMPLETION OF CONSTRUCTION, THE SITE CONTRACTOR SHALL PROVIDE A LETTER CERTIFYING THAT THE PROJECT WAS COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND A LETTER STAMPED BY A QUALIFIED ENGINEER THAT THEY HAVE OBSERVED ALL UNDERGROUND DETENTION SYSTEMS, INFILTRATION SYSTEMS, OR FILTERING SYSTEMS PRIOR TO BACKFILL, AND THAT SUCH SYSTEMS CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS.
28. IF ANY DEVIATIONS FROM THE APPROVED PLANS AND SPECIFICATIONS HAVE BEEN MADE, THE SITE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS STAMPED BY A LICENSED SURVEYOR OR QUALIFIED ENGINEER ALONG WITH A LETTER STAMPED BY A QUALIFIED ENGINEER DESCRIBING ALL SUCH DEVIATIONS, AND BEAR ALL COSTS FOR PREPARING AND FILING ANY NEW PERMITS OR PERMIT AMENDMENTS THAT MAY BE REQUIRED.

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**TFM**  
 Civil Engineers  
 Structural Engineers  
 Traffic Engineers  
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 Landscape Architects  
 Scientists

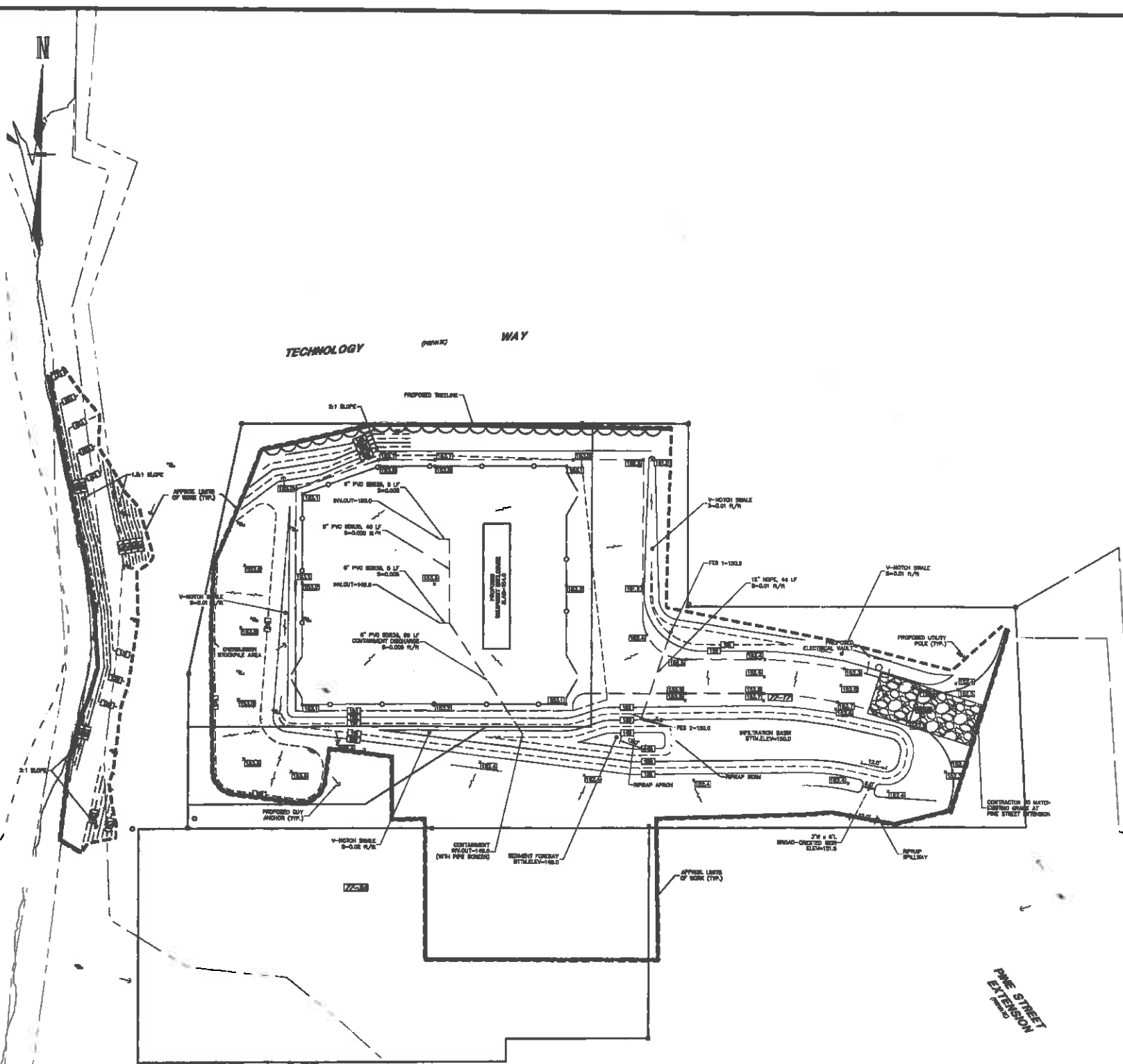
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 TFM Proj:

CONTRACT SERVICES	REV	DESCRIPTION	ENR/DES	DATE	DRN	CHGD	APPR

**EVERSOURCE ENERGY**  
 NEW HAMPSHIRE

MAP 77 LOT 2A & 17  
 3 PINE STREET & 21 PINE STREET  
 NASHUA, NH  
 MILLIARD SUBSTATION RELOCATION

SCALE: 1" = 20'  
 FILE: 17930-01 SITE.DWG  
 SHEET: 5 OF 9



### CONSTRUCTION GENERAL PERMIT

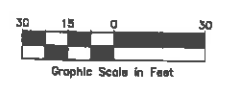
1. THE OWNER, IN CONJUNCTION WITH THE CONTRACTOR (OPERATORS), NEEDS TO OBTAIN A CONSTRUCTION GENERAL PERMIT (CGP) FOR LARGE CONSTRUCTION ACTIVITIES (FIVE OR MORE ACRES) OR SMALL CONSTRUCTION ACTIVITIES (GREATER THAN ONE ACRE BUT LESS THAN FIVE ACRES) FROM THE ENVIRONMENTAL PROTECTION AGENCY (EPA). AS PART OF THE CGP, A STORM WATER NOTICE OF INTENT (NOI) WILL NEED TO BE SUBMITTED TO THE EPA AT LEAST 7 DAYS PRIOR TO COMMENCING CONSTRUCTION. THE NOI WILL NEED TO BE SUBMITTED TO STORM WATER NOTICE OF INTENT (420334), USEPA, 1200 PENNSYLVANIA AVE. NW, WASHINGTON, DC 20460.
2. THE CGP OUTLINES A SET OF PROVISIONS MANDATING THE OWNER AND CONTRACTOR TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER REGULATIONS, INCLUDING, BUT NOT LIMITED TO, STORM WATER POLLUTION PREVENTION PLANS (SWPPP), IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROLS, EQUIPMENT MAINTENANCE GUIDELINES, ETC. PLEASE CONTACT USEPA OFFICE OF WASTEWATER MANAGEMENT AT 202-264-8545 OR AT WWW.EPA.GOV/NPDES/STORMWATER FOR ADDITIONAL INFORMATION. IN ADDITION, ONE CAN CONTACT ABBY SWAIN OF NEW ENGLAND'S EPA REGION 1 AT 817-916-1841.

### NOTES

1. IT IS BEING PROPOSED TO RELOCATE THE EVERSOURCE MILLIARD SUBSTATION IN COORDINATION WITH A LOT LINE ADJUSTMENT AND LAND SWAP WITH THE CITY OF NASHUA.
2. TOTAL SITE AREA: 1.95 AC.  
TOTAL AREA OF DISTURBANCE: 1.4 AC.
3. SOILS SHOWN ARE FROM THE SOIL SURVEY OF HILLSBOROUGH COUNTY, NH, EASTERN PART, PREPARED BY USDA-SOIL CONSERVATION SERVICES.  
W40 - MINDSOR LOAMY SAND, 15 TO 35 PERCENT SLOPES  
U - URBAN LAND  
W - WATER
4. STORM WATER DRAINAGE SYSTEM IS SHOWN ON THE PLAN. SEE GRADING & DRAINAGE PLAN FOR RIM, INVERT, PIPE LENGTH AND SLOPE INFORMATION.  
POST-CONSTRUCTION RUNOFF COEFFICIENT: C0=60  
IMPERVIOUS SURFACE AREA: 0.31± AC.
5. STABILIZATION PRACTICES FOR EROSION AND SEDIMENTATION CONTROLS:  
TEMPORARY STABILIZATION - TOPSOIL STOCKPILES AND DISTURBED AREAS OF THE CONSTRUCTION SITE THAT WILL NOT BE RESTORED FOR 14 DAYS OR MORE MUST BE STABILIZED BY THE 14TH DAY AFTER THE LAST DISTURBANCE. THE TEMPORARY SEED SHALL BE ANNUAL RYE APPLIED AT THE RATE OF 1.1 LBS PER 1,000 SQUARE FEET. PRIOR TO SEEDING, A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 1.5 TONS PER ACRE OF HAY MULCH. MULCH TO BE ANCHORED IN PLACE WHERE NECESSARY. AREAS OF THE SITE THAT WILL BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILES AND A STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED. CALCIUM CHLORIDE SHALL BE USED FOR DUST CONTROL IF NEEDED.  
PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 3 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE PERMANENT SEED MIX SHALL CONSIST OF 0.45 LBS/1,000 S.F. TALL FESCUE, 0.20 LBS/1,000 S.F. CREEPING RED FESCUE, AND 0.20 LBS/1,000 S.F. BIRDFOOT TREFOIL. PRIOR TO SEEDING, A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 1.5 TONS PER ACRE OF HAY MULCH. MULCH TO BE ANCHORED IN PLACE WHERE NECESSARY.
6. STRUCTURAL PRACTICES FOR EROSION AND SEDIMENTATION CONTROL:  
SILT SOCK - WILL BE CONSTRUCTED AROUND THE PERIMETER OF THE DISTURBED AREAS AND WILL DELINEATE THE LIMITS OF WORK FOR THE PROPOSED CONSTRUCTION. THE SILT SOCK WILL BE INSTALLED BY OTHERS. POSTS SHALL BE USED WITH AT LEAST 8 INCHES OF THE POST BURIED BELOW THE GROUND SURFACE TO PREVENT THE SILT SOCK FROM FORMING GAPS NEAR THE GROUND SURFACE. RUNOFF WILL FLOW THROUGH THE OPENINGS IN THE SILT SOCK WHILE RETAINING THE SEDIMENT WITHIN THE CONSTRUCTION AREA.  
SILT FENCE - WILL BE CONSTRUCTED AROUND THE PERIMETER OF THE DISTURBED AREAS AND WILL DELINEATE THE LIMITS OF WORK FOR THE PROPOSED CONSTRUCTION. THE SILT FENCE WILL BE INSTALLED BY STRETCHING REINFORCED FILTER FABRIC BETWEEN POSTS WITH AT LEAST 8 INCHES OF THE FABRIC BURIED BELOW THE GROUND SURFACE TO PREVENT GAPS FROM FORMING NEAR THE GROUND SURFACE. RUNOFF WILL FLOW THROUGH THE OPENINGS IN THE FILTER FABRIC WHILE RETAINING THE SEDIMENT WITHIN THE CONSTRUCTION AREA.  
STABILIZED CONSTRUCTION ENTRANCE - WILL BE INSTALLED IN ACCORDANCE WITH THE DETAIL AT THE ENTRANCE TO THE CONSTRUCTION SITE TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS OFF THE SITE. THE STABILIZED ENTRANCE WILL BE 20 FEET WIDE AND FLARE AT THE ENTRANCE TO THE PAVED ROAD AND HAVE A DEPTH OF 12 INCHES OF STONE. THE STABILIZED ENTRANCE SHALL BE MAINTAINED UNTIL THE REMAINDER OF THE CONSTRUCTION SITE HAS BEEN FULLY STABILIZED. THE PAVED STREET ADJACENT TO THE SITE SHALL BE SWEEPED ON A WEEKLY BASIS TO REMOVE EXCESS MUD AND DIRT FROM BEING TRACKED FROM THE SITE. TRUCKS HAULING MATERIAL TO AND/OR FROM THE SITE SHALL BE COVERED WITH A TARP/AULAN.  
BLANKET SLOPE PROTECTION - SHALL BE INSTALLED ON ALL 2:1 SLOPES OR STEEPER ON SITE. ANCHOR THE TOP OF THE BLANKET BY ANCHORING THE BLANKET IN A 6" DEEP TRENCH BACKFILL AND COMPACT TRENCH AFTER STAPLING ROLL THE BLANKET IN THE DIRECTION OF STORM WATER FLOW. WHERE 2 OR MORE STRIPS OF BLANKET ARE REQUIRED, A MINIMUM OF 4" OF OVERLAP SHALL BE PROVIDED.  
STONE CHECK DAMS - WILL BE INSTALLED IN EXISTING AND PROPOSED GRASS SWALES TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS AND PREVENT EROSION OF THE SWALE.  
STORM WATER MANAGEMENT  
7. STORM WATER DRAINAGE FOR DEVELOPED AREAS WILL BE COLLECTED BY A COMBINATION OF OPEN DRAINAGE AND A PIPE CLOSED DRAINAGE SYSTEM. APPROXIMATELY 0.55 ACRES OF THE 1.95 ACRE SITE WILL REMAIN UNTOUCHED AND IN ITS NATURAL STATE. WHEN CONSTRUCTION IS COMPLETE THE MAJORITY OF THE SITE WILL DRAIN TO CONVEYANCE SWALES PRIOR TO DISCHARGING INTO AN INFILTRATION BASIN.  
8. ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND STORED IN SECURE DUMPSTERS OR APPROVED ENCLOSURE AND REMOVED FROM THE SITE ON A WEEKLY BASIS. NO CONSTRUCTION WASTE SHALL BE BURIED ON SITE. PORTABLE TOILET SANITARY WASTE FACILITIES WILL BE PROVIDED DURING CONSTRUCTION AND MAINTAINED/DISPOSED OF ON A REGULAR BASIS IN ACCORDANCE WITH TOWN AND STATE REGULATIONS.

9. A LIST OF CONSTRUCTION ITEMS AND OTHER PRODUCTS USED ON THIS PROJECT SHALL BE KEPT ON RECORD WITH THIS PLAN ONSITE. ALL CHEMICALS, PETROLEUM PRODUCTS AND OTHER MATERIALS USED DURING CONSTRUCTION SHALL BE STORED IN A SECURE AREA, AND PRECAUTIONS USED TO PREVENT POTENTIAL SOURCES OF CONTAMINATION OR POLLUTION. ANY SPILL OF THESE TYPES OF SUBSTANCES SHALL BE CLEANED UP AND DISPOSED OF IN A LEGAL MANNER AS SPECIFIED BY STATE REGULATIONS AND THE MANUFACTURER. ANY SPILL IN AMOUNTS EQUAL TO OR EXCEEDING REPORTABLE QUANTITY AS DEFINED BY THE EPA SHALL TAKE THE FOLLOWING STEPS:  
- NOTIFY THE NATIONAL RESPONSE CENTER IMMEDIATELY AT (888) 424-6802; IN WASHINGTON, D.C., CALL (202) 438-2875.  
- WITHIN 14 DAYS, SUBMIT A WRITTEN DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE.  
- MODIFY THE POLLUTION PREVENTION PLAN TO INCLUDE THE INFORMATION LISTED ABOVE.
- GOOD HOUSEKEEPING:  
THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT:  
- AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.  
- ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.  
- PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.  
- SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.  
- WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.  
- MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.  
- TRASH DUMPSTERS SHALL BE GASKETED OR HAVE A SECURE WATERTIGHT LID AND BE PLACED AWAY FROM STORMWATER CONVEYANCES AND DRAINS.  
- THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.
- HAZARDOUS PRODUCTS:  
THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.  
- PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.  
- ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.  
- IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.
- PRODUCT SPECIFIC PRACTICES:  
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:  
PETROLEUM PRODUCTS:  
ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.  
FERTILIZERS:  
FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.  
PAINTS:  
ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER BUT BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.  
CONCRETE TRUCKS:  
EXCESS CONCRETE SHALL BE USED IN AREAS DESIGNATED BY THE SITE CONTRACTOR. WASH WATER SHALL BE DISPOSED OF USING BEST MANAGEMENT PRACTICES. BUILDING CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL DRUM WASH WATER ASSOCIATED WITH CONCRETE FOR THE BUILDING PAD. SITE CONTRACTOR TO COORDINATE AND PROVIDE BUILDING CONTRACTOR WITH AN AREA FOR DRUM WASH WATER.  
SPILL CONTROL PRACTICES:  
IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:  
- MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.  
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DIRT PANS, MOPS, RAGS, GLOVES, GOGGLES, RITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.  
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.  
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT CONTACT WITH A HAZARDOUS SUBSTANCE.  
- SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF SIZE.  
- THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.  
- THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THEY WILL DESIGNATE AT LEAST THREE OTHER SITE PERSONNEL WHO WILL EACH RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.
10. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES, INCLUDING DATES OF MAJOR GRADING ACTIVITIES, DATES WHEN CONSTRUCTION ACTIVITIES WERE TEMPORARILY CEASED ON A PORTION OF THE SITE, DATES WHEN WORK IS COMPLETED ON A PORTION OF THE SITE, AND DATES WHEN STABILIZATION MEASURES ARE INITIATED ONSITE.
11. THE CONTRACTOR SHALL PERFORM INSPECTIONS OR HAVE A CONSULTING ENGINEER PERFORM INSPECTIONS EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS AFTER A STORM OF 0.5 INCH OR GREATER. INSPECTION REPORTS ARE TO BE KEPT ON FILE AT THE SITE WITH THIS PLAN. MAINTENANCE OR MODIFICATION SHALL BE IMPLEMENTED AND ADDED TO THE PLAN AS RECOMMENDED BY THE QUALIFIED INSPECTOR.

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		Civil Engineers Structural Engineers Traffic Engineers Land Surveyors Landscape Architects Scientists 48 Constitution Drive Bedford, NH 03110 Phone (603) 472-4488 Fax (603) 472-6747 www.tfmoran.com TFM Proj:	
STORMWATER MANAGEMENT PLAN			
EVERSOURCE ENERGY		D	#
NEW HAMPSHIRE		DRAWN	JB
MAP 77 LOT 2A & 17		OWNER	JB
3 PINE STREET & 21 PINE STREET		CHECKED	NG
NASHUA, NH		APPROVED	NG
MILLIARD SUBSTATION RELOCATION		DATE	7/2/18
SCALE	R.D. 17839-01 SITE/DWG	SHEET NO.	
1" = 30'		6 OF 9	

REV	DESCRIPTION	ENR/PE#	DATE	DRN	CHGD	APPR