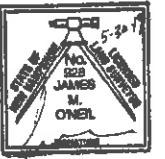
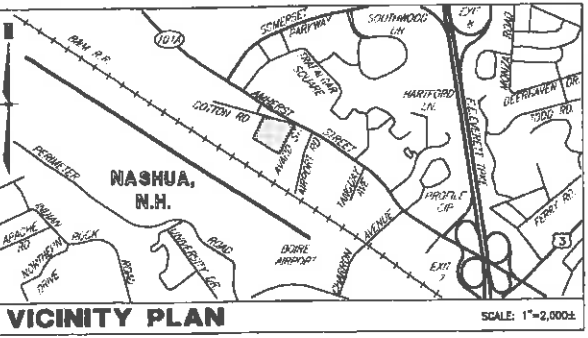


CERTIFICATION

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.



REFERENCE PLANS

- STATE OF NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS RIGHT OF WAY PLANS OF PROPOSED FEDERAL AID PROJECT U-010-1 (10) N.H. PROJECT NO. P-1330-B RELOCATION OF N.H. ROUTE 101A CITY OF NASHUA COUNTY OF HILLSBOROUGH. HCRD PLAN #9887.
- REVISED NOV. 4, 1977 PLAN OF LAND OF COREY, ARTHUR C., TAMPOSI, SAMUEL A. NASH, GERALD O. & BROOKFIELD ACRES IN NASHUA, N.H. JUNE 11, 1978 (HILLSBOROUGH COUNTY) PROJECT: NASHUA-P-1330B. HCRD PLAN NO. 10948.
- DEFINITIVE SUBDIVISION PLAN OF LAND IN NASHUA, N.H. (HILLSBOROUGH COUNTY) LORRAINE CADORETTE DIGITAL EQUIPMENT CORP. SEPTEMBER 8, 1980 AND LAST REVISED 3/21/81 BY BSC ENGINEERING. HCRD PLAN NO. 13033.
- AS-BUILT SITE PLAN-LOT 453/SHEET G 3 COTTON ROAD NASHUA, NEW HAMPSHIRE PREPARED FOR: MCDONALD'S CORPORATION APRIL 2, 1993 BY MAYNARD & PAGNETTE, INC. HCRD PLAN NO. 28327.
- FINAL SUBDIVISION PLAN (LOT 398, MAP G) 375-379 AMHERST ST. (N.H. RTE 101-A) NASHUA, NEW HAMPSHIRE PREPARED FOR VALLEY PROPERTIES 20 FEBRUARY 1987 AND LAST REVISED 12/21/87 BY ALLAN H. SWANSON, INC. HCRD PLAN NO. 21618.
- YARD PLAN, OFFICE & SERVICE BUILDING, SOUTHERN DIVISION, PREPARED BY PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE. CITY OF NASHUA PLAN NO. NR196.
- SITE PLAN, MAP G, LOT 99, 1 COTTON ROAD, NASHUA, NEW HAMPSHIRE, SCALE: 1"=20', DATED AUGUST 25, 2015, PREPARED BY HAYNER/SWANSON, INC. CITY OF NASHUA PLAN NO. NR2195.

NOTES:

- OWNER OF RECORD OF MAP G, LOT 83 IS PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE, D/B/A EVERSOURCE ENERGY, 780 NORTH COMMERCIAL STREET, MANCHESTER, NH 03101. PARCEL ADDRESS: 370 AMHERST STREET, NASHUA, NH. DEED REFERENCE TO PARCEL IS BK. 8928, PG. 803 AND BK. 5412, PG. 1615 IN THE HCRD. AREA = 211,988 SF +/- OR 4.8861 ACRES +/-.
- OWNER OF RECORD OF MAP G, LOT 99 IS 1987 TAMPOSI LIMITED PARTNERSHIP, 20 TRAFALGAR SQUARE, NASHUA, NH. DEED REFERENCE TO PARCEL IS BK. 9897, PG. 557. AREA = 11,108 SF +/- OR 0.2530 ACRES +/-.
- [C-83] INDICATES TAX MAP AND LOT NUMBER.
- THE PURPOSE OF THIS PLAN IS TO SHOW THE RESULTS OF AN EXISTING CONDITIONS SURVEY OF MAP G, LOTS 3 AND 99.
 - CURRENT ZONING IS P1/MJ, INDUSTRIAL AND MIXED USE OVERLAY.
 - MIN. LOT SIZE: 30,000 SQUARE FEET
 - MIN. LOT WIDTH: 120 FEET
 - MIN. FRONTAGE: 50 FEET
 - MIN. LOT DEPTH: 150 FEET
 - MAX. BLDG. HEIGHT: 75 FEET, 5 STORIES
 - MIN. BUILDING SETBACKS: 30' FRONT, 20' SIDE, 20' REAR
 - OPEN SPACE PERCENTAGE: 20 PERCENT
- EXAMINATION OF THE FLOOD INSURANCE RATE MAP FOR HILLSBOROUGH COUNTY, NEW HAMPSHIRE, (ALL JURISDICTIONS) MAP NUMBER 33011C04920 EFFECTIVE DATE: SEPTEMBER 25, 2009, INDICATES THAT THE SUBJECT PARCEL IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA. SITE IS LOCATED IN ZONE X.
- BENCHMARK USED: NHCO CORP. BASE STATION. VERTICAL DATUM: NAVD 88 (CORP). BENCHMARKS SET: AS NOTED.
- HORIZONTAL COORDINATES: PROJECTION: NH STATE PLANE. HORIZONTAL DATUM: NAD 83.
- EASEMENTS, RIGHTS, AND RESTRICTIONS: BK. 2581, PG. 149 AND BK. 2828, PG. 472 TAKING BY THE STATE OF NEW HAMPSHIRE, RESERVING TO PUBLIC SERVICE CO.: ONE POINT OF ACCESS 50' IN WIDTH AT THE RIGHT-OF-WAY LINE ON THE SOUTH SIDE OF THE NEW HIGHWAY AND ONE POINT OF ACCESS 50' IN WIDTH AT THE RIGHT-OF-WAY LINE ON THE WEST SIDE OF AWARD STREET.
- 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.
- NO WETLANDS WERE OBSERVED ON THE SUBJECT PREMISES DURING AN INSPECTION PERFORMED ON APRIL 3, 2019 BY CHRISTOPHER K. DANFORTH, CWS #077 OF TFMORAN, INC.
- BUILDING SETBACKS DEPICTED ON MAP G, LOT 99 ARE SHOWN AS DEFINED ON REFERENCE PLAN NO. 7 AND APPROVED BY THE CITY OF NASHUA PLANNING BOARD ON OCTOBER 15, 2015. BUILDING SETBACKS ARE AS FOLLOWS: FRONT: 9.37', SIDE: 20.50', REAR: 5.00'.

LEGEND

□	BOUND FOUND	—O—	TREELINE
■	SQUARE CATCH BASIN	—U—	OVERHEAD WIRE
○	SEWER MANHOLE	—D—	UNDERGROUND ELEC. & TV
⊙	LIGHT POLE	—S—	STORMWATER DRAINAGE
⊕	WATER VALVE	—W—	SANITARY SEWER
⊖	FIRE HYDRANT	—N—	WATER LINE
⊙	SIGN	—S—	SANITARY SEWER
⊙	UTILITY POLE	—E—	EDGE OF PAVEMENT
⊙	GLY WIRE	—SAC—	SLOPED ASPHALT CURB
⊙	DECIDUOUS TREE	—VRC—	VERTICAL GRANITE CURB
⊙	CONIFEROUS TREE	—SSW—	SINGLE SOLID WHITE LINE
		—SEW—	SINGLE BROKEN WHITE LINE
		—F.F.—	FINISH FLOOR ELEVATION



TAX MAP G LOT 93 & 99
EXISTING CONDITIONS PLAN
NASHUA AREA WORK CENTER
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY
370 AMHERST STREET (NH ROUTE 101-A) (MAP G, LOT 83)
NASHUA, NEW HAMPSHIRE
AND
1987 TAMPOSI LIMITED PARTNERSHIP
1 COTTON ROAD (MAP G, LOT 99)
NASHUA, NEW HAMPSHIRE
 PREPARED FOR
UDELSMAN ASSOCIATES
 SCALE: 1"=40' APRIL 12, 2019

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REV	DATE	DESCRIPTION	DP	CK

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

17977.01 DR/TNB/PB 2149
 CK/JMO/CAD/LE 17977-01 Survey SHEET 1 OF 1



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.

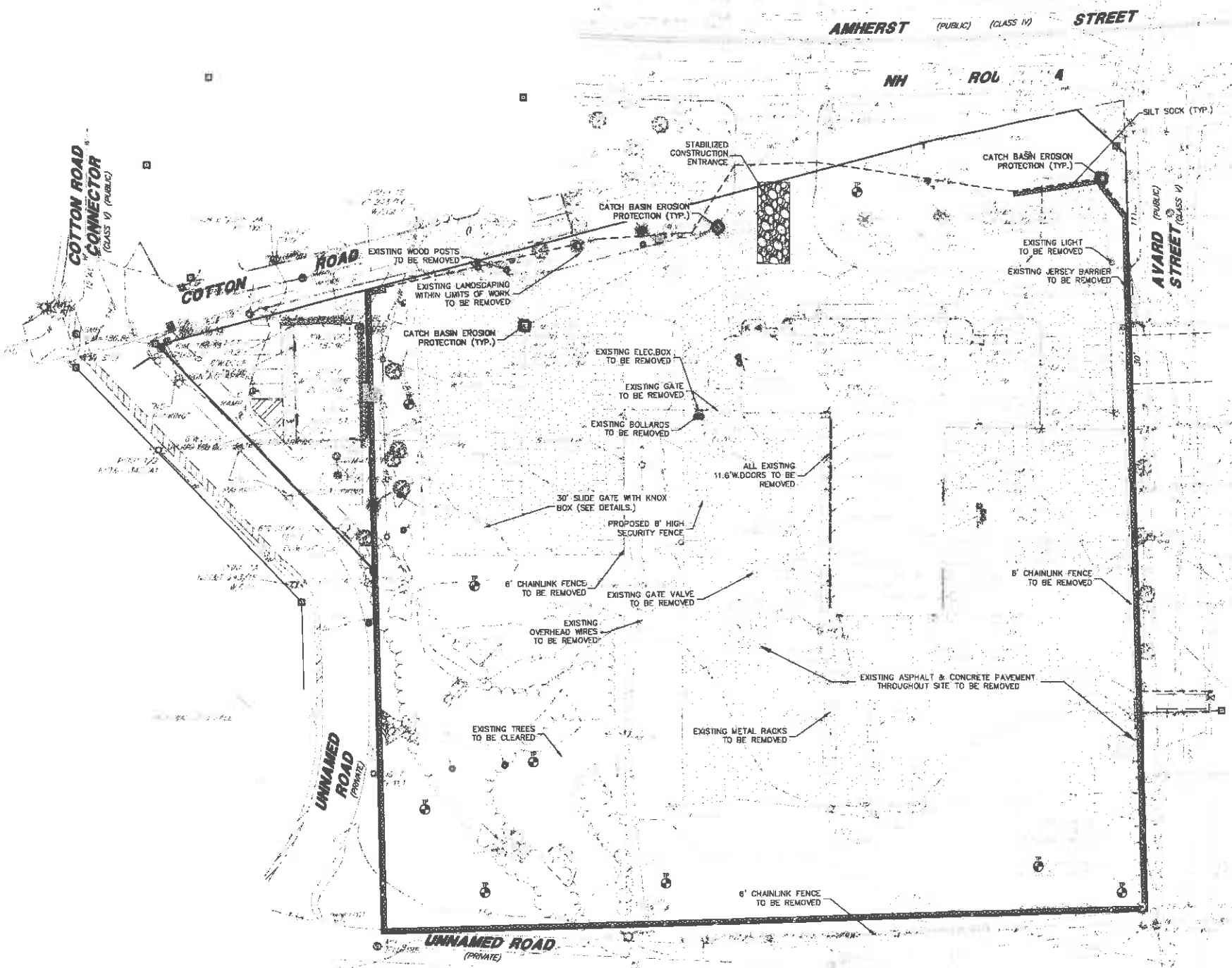
NRCS SOILS LEGEND

SOILS INFORMATION SHOWN HEREON IS GRAPHICALLY REPRODUCED FROM THE USDA NATURAL RESOURCES CONSERVATION SERVICE NATIONAL COOPERATIVE SOIL SURVEY OF HILLSBOROUGH COUNTY, NEW HAMPSHIRE, SURVEY AREA DATA, VERSION 18, SEPTEMBER 11, 2017.

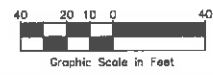
- DEERFIELD LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES
- URBAN LAND

LEGEND

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



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: 17977-02



REV	DESCRIPTION	ENG/PEJ	DATE	DRN	DWG	APPR

SITE PREPARATION PLAN	
EVERSOURCE ENERGY	#
NEW HAMPSHIRE	DRAWN JB
TAX MAP G LOT 99 370 AMHERST STREET NASHUA, NEW HAMPSHIRE NASHUA AREA WORK CENTER	CHECKED JB NG APPROVED NG DATE 5/30/19
SCALE 1" = 40'	DWG NO. 3 OF 16

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C-250
MAYNARD COMPANY, INC.
40 AMHERST STREET,
SUITE 202
NASHUA, NH 03083-1032
B. 5533 P. 1083

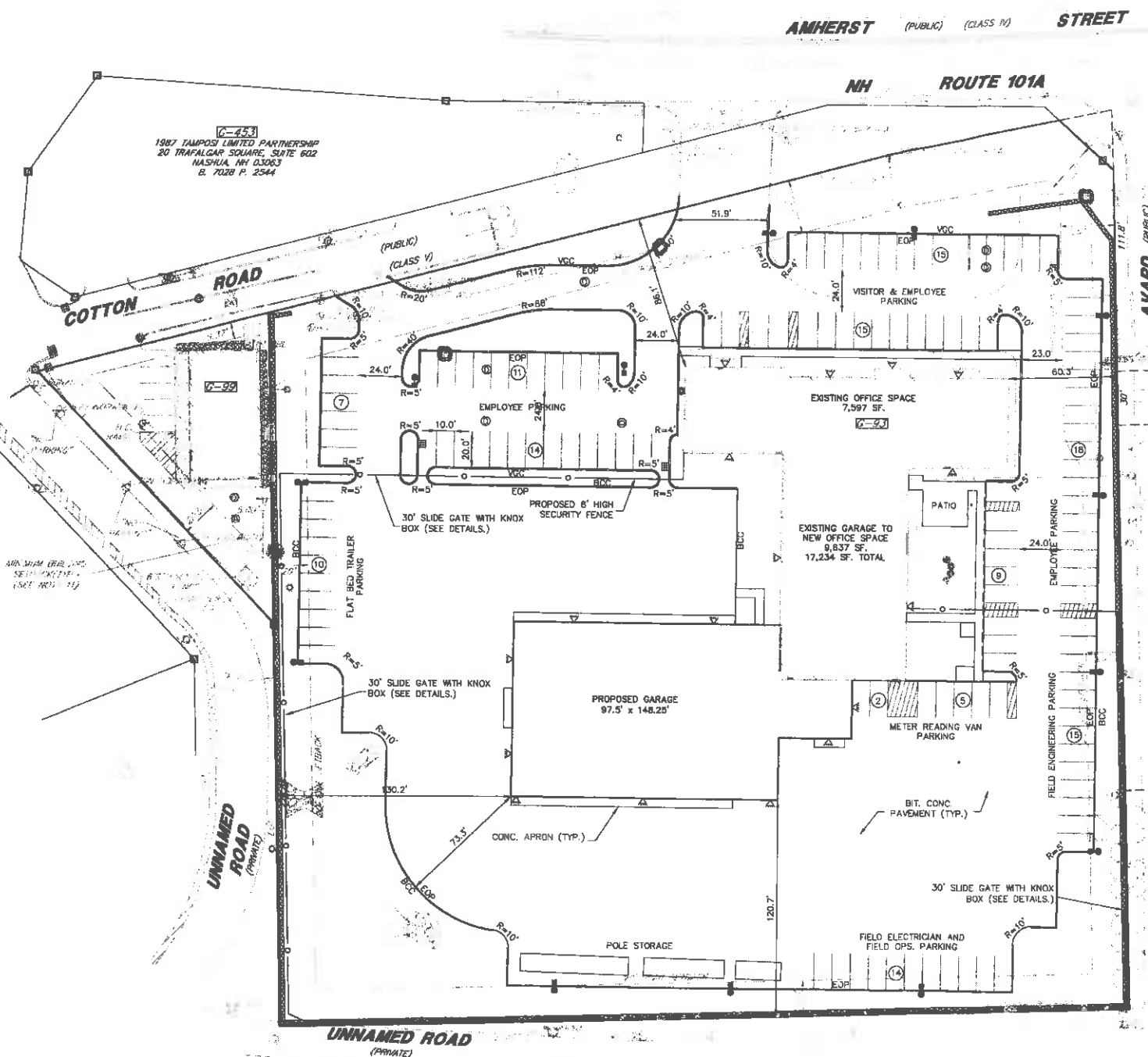


C-7
COTTONRIDGE PROPERTIES LLC
PO BOX 3359
NASHUA, NH 03081
B. 8888, PG. 907

MINIMUM (EAL) LINES
SEE PLAN (E) 11

C-398
DSM MD I LLC
875 EAST STREET
TEWKSBURY, MA
01876-1469
B. 8716 P. 390

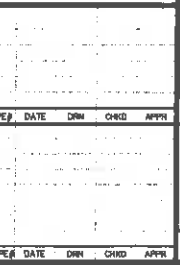
C-26
HAMILTON REALTY
CORPORATION
500 BRODIE STREET
LANDER, WY 82530
B. 2065 P. 181



C-40
BIR INC. ATTC ROBERTA
2 TALMONT ST
PLAINVILLE, MA 02762
B. 3365 P. 633

C-4
LAW REALTY CO. INC.
50 DANIEL WEBSTER HIGHWAY
SUITE 110
MERRIMACK, NH 03054
B. 1367 P. 498

C-87
HUDSON-RRM
DISTRIBUTORS, LLC
8 COTTON ROAD
NASHUA, NH 03063
B. 8041 P. 2970

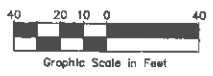


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Fax (603) 472-9747
www.tfmoran.com
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SITE LAYOUT PLAN		DRAWN	
EVERSOURCE ENERGY		JB	
NEW HAMPSHIRE		JB	
TAX MAP G LOT 99 370 AMHERST STREET NASHUA, NEW HAMPSHIRE NASHUA AREA WORK CENTER		NG	
SCALE: FILE: 17977-02 SITE LAYOUT.DWG		DATE: 5/30/19	
DRAWING NO. 4 OF 16			

REV	DESCRIPTION	ENG/PEP	DATE	DRN	CHKD	APPR



NOTES

- OWNER OF RECORD OF MAP G, LOT 93 IS PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE, D/B/A EVERSOURCE ENERGY, 780 NORTH COMMERCIAL STREET, MANCHESTER, NH, 03101
PARCEL ADDRESS: 370 AMHERST STREET, NASHUA, NH
DEED REFERENCE TO PARCEL IS BK. 8928, PG. 803 AND BK. 5412, PG. 1615 IN THE HCRD.
AREA = 211,968 SF +/- OR 4.8661 ACRES +/-.
 - THE PURPOSE OF THIS PLAN IS TO RENOVATE THE EXISTING EVERSOURCE AREA WORK CENTER TO CONVERT AN EXISTING GARAGE TO OFFICE SPACE AND CONSTRUCT A NEW 14,500 SF± GARAGE.
 - CURRENT ZONING IS PL/MUL INDUSTRIAL AND MIXED USE OVERLAY.
- | MIN. LOT SIZE: | REQUIRED | PROVIDED |
|-------------------------|----------------|--------------|
| MIN. LOT FRONTAGE: | 30,000 S.F. | 211,968 S.F. |
| MIN. BUILDING SETBACKS: | 50' | |
| FRONT | 30' | 88.1' |
| SIDE | 20' | 60.5' |
| REAR | 20' | 120.7' |
| MAX. BUILDING HEIGHT: | 75' (5 STORES) | |
| OPEN SPACE PERCENTAGE: | 20% | |
- PARKING CALCULATIONS:
REQUIRED:
OFFICE: 1 SP./1,000 S.F. = 16 SPACES
WAREHOUSE: 1 SP./1,000 S.F. = 15 SPACES
TOTAL = 33 SPACES
PROPOSED: 135 SPACES (INCL. 4 ACCESSIBLE)
 - THE PROPERTY WILL BE SERVICED BY THE FOLLOWING:
DRAINAGE: PRIVATE & MUNICIPAL
SEWER: MUNICIPAL
WATER: MANCHESTER WATER WORKS
GAS: LIBERTY UTILITIES
ELECTRIC: EVERSOURCE
TELECOM: COMCAST / FAIRPOINT COMMUNICATIONS
Pemickuk Water Works
 - 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 OR TOWN 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 CITY OR TOWN OF *xx* 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.

APPROVED BY THE NASHUA PLANNING BOARD

IN _____ AND _____
CHAIRMAN: _____ SECRETARY: _____

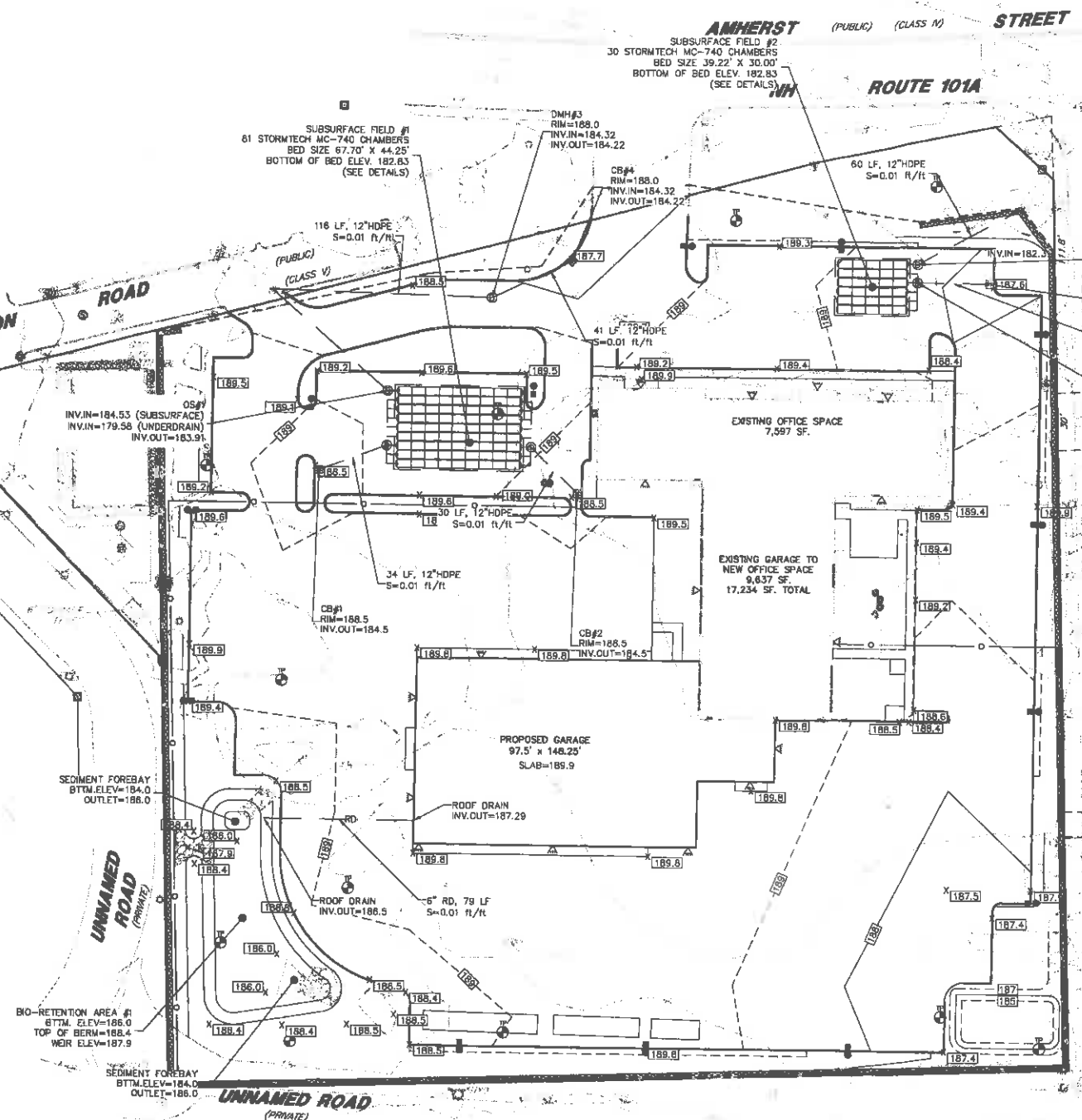
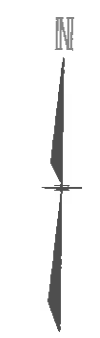
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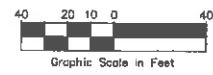
This plan is not effective unless signed by a duly authorized officer of Thomas F. Moran, Inc.

NOTES

- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL SURROUNDING CONDITIONS.
- 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.
- 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.
- THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECTIONS.
- 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 NHDOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGE CONSTRUCTION AND THE NHDOT STANDARD STRUCTURE DRAWINGS UNLESS OTHERWISE NOTED.
- STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. CONSTRUCTION METHODS SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS, SECTION 603. CATCH BASINS AND DRAIN MANHOLES SHALL CONFORM TO SECTION 604. ALL CATCH BASIN GRATES SHALL BE TYPE B AND CONFORM TO NHDOT STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
- ALL MANHOLES IN PAVEMENT SHALL HAVE RIMS SET TO FINISH GRADE REGARDLESS OF ANY ELEVATIONS OTHERWISE SHOWN.
- ALL ELEVATIONS SHOWN AT CURB ARE TO THE BOTTOM OF CURB UNLESS OTHERWISE NOTED. CURBS HAVE A 6" REVEAL UNLESS OTHERWISE NOTED.
- ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
- IN ACCORDANCE WITH RSA 430:83 AND Agr 3800, THE CONTRACTOR SHALL NOT TRANSPORT INVASIVE SPECIES OFF THE PROPERTY, AND SHALL DISPOSE OF INVASIVE SPECIES ON-SITE IN A LEGAL MANNER.
- THE SITE CONTRACTOR SHALL PREPARE, MAINTAIN, AND EXECUTE A S.M.P.P.P. IN ACCORDANCE WITH EPA REGULATIONS AND THE CONSTRUCTION GENERAL PERMIT.
- THE SITE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO SUBMIT AN ANCI AT LEAST 14 DAYS IN ADVANCE OF ANY EARTHWORK ACTIVITIES AT THE SITE.
- THE EROSION CONTROL PRACTICES SHOWN ON THESE PLANS ARE ILLUSTRATIVE ONLY AND SHALL BE SUPPLEMENTED BY THE SITE CONTRACTOR AS NEEDED.
- COORDINATE WITH ARCHITECTURAL PLANS FOR DETAILED GRADING AT BUILDING, AND SIZE AND LOCATION OF ALL BUILDING SERVICES.
- COORDINATE WITH GEOTECHNICAL/STRUCTURAL PLANS FOR SITE PREPARATION AND OTHER BUILDING INFORMATION.
- COORDINATE WITH MECHANICAL AND PLUMBING PLANS FOR ROOF DRAIN INFORMATION.
- 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.
- THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION ABOUT GROUNDWATER CONDITIONS. THE CONTRACTOR SHALL FOLLOW THE GEOTECHNICAL ENGINEER'S RECOMMENDED METHODS TO ADDRESS ANY GROUNDWATER ISSUES THAT ARE FOUND ON SITE.
- 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.
- 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.
- VERIFY TBM ELEVATIONS PRIOR TO CONSTRUCTION.
- 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 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.
- THE SITE CONTRACTOR SHALL ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF NHDES ENV-WO 1500 AS APPLICABLE.
- 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.
- 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, Land Surveyors, Landscape Architects, Scientists
 148 Constitution Drive, Bedford, NH 03110
 Phone (603) 472-4488, Fax (603) 472-9747, www.tfmoran.com, TFM Proj: 17877-02

REV	DESCRIPTION	ENG/PE#	DATE	CHKD	APPR

GRADING & DRAINAGE PLAN

EVERSOURCE ENERGY

NEW HAMPSHIRE

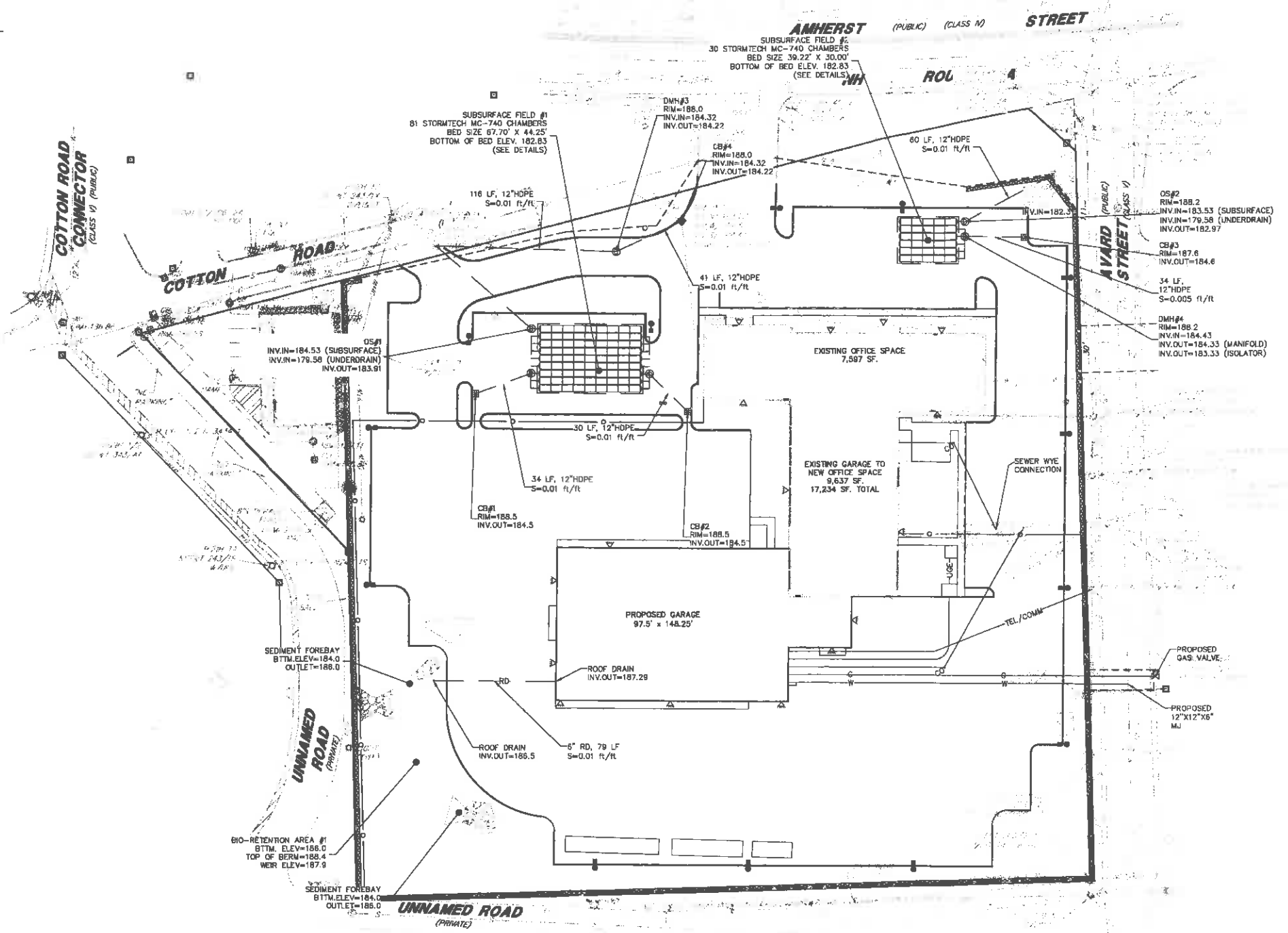
TAX MAP G LOTS 93 & 99
 370 AMHERST STREET
 NASHUA, NEW HAMPSHIRE
 NASHUA AREA WORK CENTER

DATE: 5/30/19

SCALE: 1" = 40'

FILE: 17877-02 SITE LAYOUT.DWG

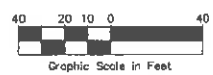
DRAWING NO: 5 OF 18



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. ALL MANHOLES IN PAVEMENT SHALL HAVE RIMS SET TO FINISH GRADE REGARDLESS OF ANY ELEVATIONS OTHERWISE SHOWN.
7. SANITARY SEWER SHALL BE CONSTRUCTED TO THE STANDARDS AND SPECIFICATIONS AS SHOWN ON THESE PLANS. ALL SEWER MAINS AND FITTINGS SHALL BE PVC AND SHALL CONFORM TO ASTM F 679 (SDR 35 MINIMUM). SANITARY MANHOLES SHALL CONFORM TO NHDES WATER DIVISION WASTEWATER ENGINEERING BUREAU STANDARDS AND SPECIFICATIONS SHOWN HEREON.
8. ON-SITE WATER DISTRIBUTION SHALL BE TO MANCHESTER WATER WORKS STANDARDS AND SPECIFICATIONS. WATER MAINS SHALL HAVE A MINIMUM OF 5.0 FEET COVER. WHERE WATER PIPES CROSS SEWER LINES A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN THE TWO OUTSIDE PIPE WALLS SHALL BE OBSERVED. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER SHALL BE 10 FEET MINIMUM.
9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONDUIT AND WIRING TO ALL SIGNS AND LIGHTS. CONDUIT TO BE A MINIMUM OF 24" BELOW FINISH GRADE.
10. VERIFY UTILITY CONNECTIONS TO BUILDING WITH ARCHITECTURAL DRAWINGS.
11. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
12. 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.
13. 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.
14. UNLESS OTHERWISE SPECIFIED, ALL UNDERGROUND STRUCTURES, PIPES, CHAMBERS, ETC. SHALL BE COVERED WITH A MINIMUM OF 18" OF COMPACTED SOIL BEFORE EXPOSURE TO VEHICLE LOADS.

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TFM Civil Engineers 48 Constitution Drive
 Structural Engineers Bedford, NH 03110
 Traffic Engineers Phone (603) 472-4488
 Land Surveyors Fax (603) 472-8747
 Landscape Architects www.tfmoran.com
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CONTRACT SERVICES	REV	DESCRIPTION	ENG/PEL	DATE	DRN	CHKD	APPR

UTILITY PLAN

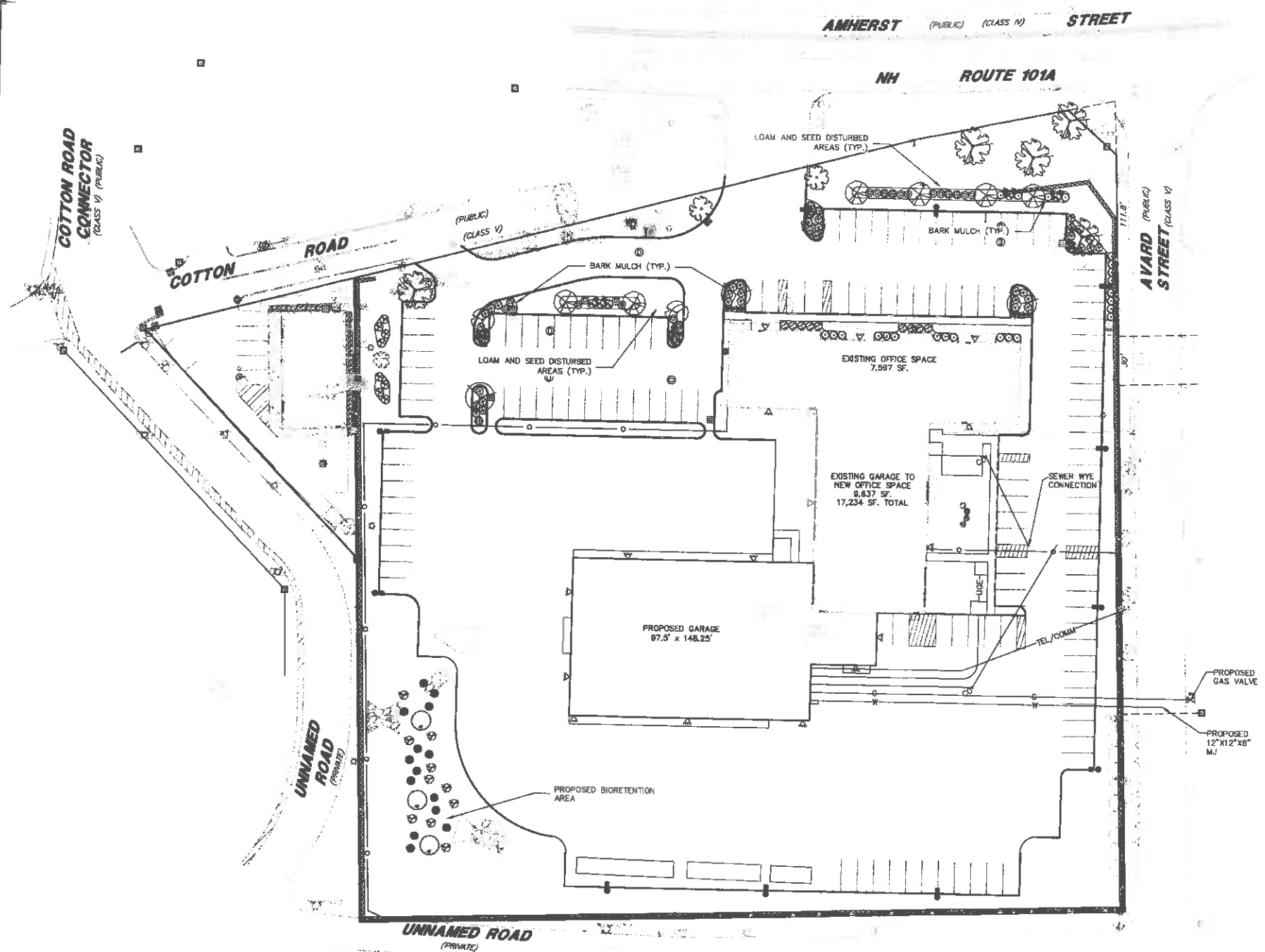
EVERSOURCE ENERGY

NEW HAMPSHIRE

TAX MAP G LOTS 93 & 99
 370 AMHERST STREET
 NASHUA, NEW HAMPSHIRE
 NASHUA AREA WORK CENTER

DESIGN	JB
CHECKED	NG
APPROVED	NG
DATE	5/30/19

SCALE: 1" = 40'
 FILE: 17977-02 SITE LAYOUT.DWG
 DRAWING NO: 6 OF 16



LANDSCAPE LEGEND

SYMBOL	QTY	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
	3	ACER FREEMANII 'ARMSTRONG' ARMSTRONG MAPLE	2 1/2" TO 3" CAL.	B&B
	5	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE	2 1/2" TO 3" CAL.	B&B
	6	MALUS 'SNOWDRIFT' SNOWDRIFT FLOWERING CRABAPPLE	2 1/2" TO 3" CAL.	B&B
	2	PLATANUS ACROFOLIA 'EXCLAMATION' EXCLAMATION PLANTREE	2 1/2" TO 3" CAL.	B&B
	3	TILIA CORDATA 'GREENSPIRE' GREENSPIRE LITTLELEAF LINDEN	2 1/2" TO 3" CAL.	B&B
	8	CORNUS SANGUINEA 'ARCTIC SUN' ARCTIC SUN DOGWOOD	2' TO 3'	CONT.
	7	FORSYTHIA 'LYNWOOD GOLD' LYNWOOD GOLD FORSYTHIA	2' TO 3'	B&B
	8	VIBURNUM P.T. 'SHOSHONI' SHOSHONI DOUBLEFILE VIBURNUM	2' TO 3'	B&B
	18	JUNIPERUS C. 'PITZERIANA COMPACTA' COMPACT PITZER JUNIPER	18" TO 24"	CONT.
	32	JUNIPERUS H. 'PLUMOSA COMPACTA' YOUNGTOWN JUNIPER	18" TO 24"	CONT.
	9	RHODODENDRON 'NOVA ZEMBLA' NOVA ZEMBLA RHODODENDRON	18" TO 24"	B&B
	24	TAXUS M. 'GREENWAVE' GREENWAVE YEW	18" TO 24"	B&B
	27	PANICUM V. 'HEAVY METAL' HEAVY METAL SWITCH GRASS	3 GAL.	CONT.

LANDSCAPE LEGEND

BIO-RETENTION

SYMBOL	QTY	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
	3	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY	5' TO 6' CLUMP	B&B
	10	CORNUS BAILEYI BAILEY DOGWOOD	2' TO 3'	CONT.
	14	PANICUM V. 'CLOUD NINE' CLOUD NINE SWITCH GRASS	3 GAL.	B&B

LANDSCAPE CALCULATIONS

LANDSCAPE BUFFER: WHEN THE PI DISTRICT ADJUTS THE GB DISTRICT, BUFFER TYPE C IS REQUIRED.
 REQUIRED: 20' MINIMUM WIDTH
 2 LARGE TREES
 2 MEDIUM/SMALL TREES
 20 SHRUBS
 PROPOSED: >2 LARGE TREES
 >2 MEDIUM TREES
 >20 SHRUBS

FRONTAGE PLANTINGS
 REQUIRED:
 FRONTAGE LENGTH ALONG PUBLIC R.O.W. = 605'
 1 SHADE TREE/ 40' OF FRONTAGE ALONG PUBLIC R.O.W. = 15 TREES
 1 SHRUB/ 5' OF FRONTAGE ALONG PUBLIC R.O.W. = 121 SHRUBS
 PROPOSED:
 SHADE TREES = 4 EXISTING TREES AND 12 PROPOSED TREES FOR A TOTAL OF 16
 SHRUBS = 42

LANDSCAPE NOTES

(SEE DETAILS FOR ADDITIONAL NOTES)

GENERAL

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE RULES, REGULATIONS, LAWS, AND ORDINANCES HAVING JURISDICTION OVER THIS PROJECT SITE.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND NOTIFY OWNER'S REPRESENTATIVE OF CONFLICTS.
3. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON PLANS BEFORE PRICING THE WORK. ANY DIFFERENCE IN QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. LANDSCAPE QUANTITIES SHOWN ON THE PLAN SHALL SUPERCEDE QUANTITIES LISTED IN LANDSCAPE LEGEND.
4. THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT PRIOR TO STARTING WORK AND VERIFY THAT THE PLANS IN THE CONTRACTOR'S POSSESSION ARE THE MOST CURRENT PLANS AVAILABLE AND ARE THE APPROVED PLAN SET FOR USE IN CONSTRUCTION.
5. ALL PLANT MATERIALS INSTALLED SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE 'AMERICAN STANDARDS FOR NURSERY STOCK' AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERMEN.
6. ALL PLANTS SHALL BE FIRST CLASS AND SHALL BE REPRESENTATIVE OF THEIR NORMAL SPECIES AND/OR VARIETIES. ALL PLANTS MUST HAVE GOOD, HEALTHY, WELL-FORMED UPPER GROWTH AND A LARGE, FIBROUS, COMPACT ROOT SYSTEM.
7. ALL PLANTS SHALL BE FREE FROM DISEASE AND INSECT PESTS AND SHALL COMPLY WITH ALL APPLICABLE STATE AND FEDERAL LAWS PERTAINING TO PLANT DISEASES AND INFESTATIONS.
8. ALL TREES SHALL BE BALLED AND BURLAPPED (B & B) UNLESS OTHERWISE NOTED OR APPROVED BY LANDSCAPE ARCHITECT.
9. ALL LANDSCAPED AREAS INCLUDING LAWNS SHALL BE PROVIDED WITH UNDERGROUND IRRIGATION. SEE IRRIGATION NOTES.
10. IF APPLICABLE, THE CONTRACTOR SHALL HAVE ALL FALL TRANSPANTING HAZARD PLANTS DUG IN THE SPRING AND STORED FOR FALL PLANTING.
11. ALL INVASIVE PLANT SPECIES FROM THE 'NEW HAMPSHIRE PROHIBITED INVASIVE PLANT SPECIES LIST', TO BE REMOVED SHALL BE DONE SO IN ACCORDANCE WITH THE 'INVASIVE SPECIES ACT, HB 1258-FH.'

GUARANTEE

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE WORK FOR A PERIOD OF ONE YEAR, BEGINNING AT THE START OF THE MAINTENANCE PERIOD.

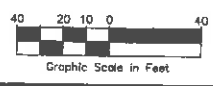
IRRIGATION NOTES

1. THE IRRIGATION SYSTEM SHALL BE DESIGNED BY AN APPROVED IRRIGATION DESIGN/BUILD CONTRACTOR OR BY AN APPROVED EQUAL TO BE DETERMINED BY THE OWNERS REPRESENTATIVE/LANDSCAPE ARCHITECT.
2. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE IRRIGATION SYSTEM DESIGN AND SHOP DRAWINGS TO THE OWNER 30 DAYS PRIOR TO THE START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED UTILITIES AND NOTIFY THE OWNER'S REPRESENTATIVE OF CONFLICTS.
4. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR, BUT NOT LIMITED TO, THE COMPLETE INSTALLATION OF THE IRRIGATION SYSTEM AND SHALL FOLLOW ALL APPLICABLE CODES.
5. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF THE IRRIGATION SYSTEM'S BUILDING CONNECTION.
6. REFER TO MANUFACTURER'S INSTRUCTIONS AND PRODUCT SPECIFICATIONS FOR INSTALLATION.

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LANDSCAPE PLAN

EVERSOURCE ENERGY

NEW HAMPSHIRE

TAX MAP G LOTS 93 & 99
 370 AMHERST STREET
 NASHUA, NEW HAMPSHIRE
 NASHUA AREA WORK CENTER

SCALE: 1" = 40'

FILE: 17977-02 SITE LAYOUT.DWG

DRAWING NO. 7 OF 16

DATE: 5/30/19



CONSTRUCTION GENERAL PERMIT

- 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 (4203M), USEPA, 1200 PENNSYLVANIA AVE. NW, WASHINGTON, DC 20460.
- THE CGP OUTLINES A SET OF PROMISONS 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 (SWPPPS), IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROLS, EQUIPMENT MAINTENANCE GUIDELINES, ETC. PLEASE CONTACT USEPA OFFICE OF WASTEWATER MANAGEMENT AT 202-864-8545 OR AT WWW.EPA.GOV/NPDES/STORMWATER FOR ADDITIONAL INFORMATION. IN ADDITION, ONE CAN CONTACT ABEY SWANE OF NEW ENGLAND'S EPA REGION 1 AT 617-918-1841.

- 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) 424-8802; IN WASHINGTON, D.C., CALL (202) 426-2675.
 - 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.

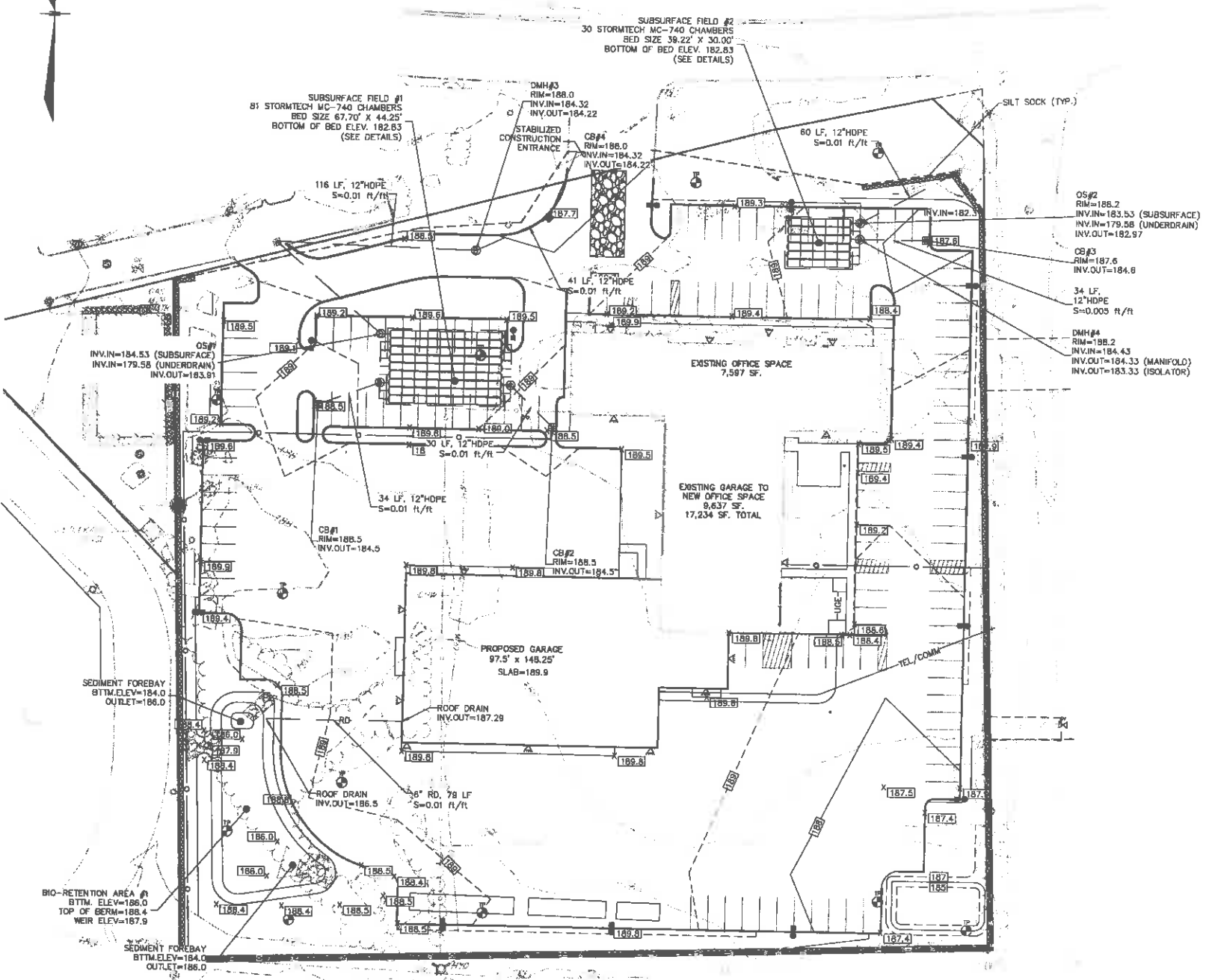
- PRODUCT SPECIFIC PRACTICES:**
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:
- PETROLEUM PRODUCTS:**
ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED 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 SEALED 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 WILL 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.

- SOIL 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, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SANDUST, 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 HAZY FROM 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.

- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES, INCLUDING DATES OF MAJOR GRADING ACTIVITIES, DATES WHEN CONSTRUCTION ACTIVITIES HAVE 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.
- 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. INSPECTIONS 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.

NOTES

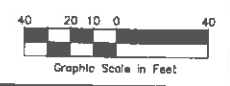
- IT IS BEING PROPOSED TO RENOVATE THE EXISTING EVERSOURCE AREA WORK CENTER TO CONVERT AN EXISTING GARAGE TO OFFICE SPACE AND CONSTRUCT A NEW 14,500 SF± GARAGE.
- TOTAL SITE AREA: 4.6 AC.
TOTAL AREA OF DISTURBANCE: 4.5 AC.
- SOILS SHOWN ARE FROM THE SOIL SURVEY OF HILLSBOROUGH COUNTY, NH, EASTERN PART, PREPARED BY USDA-SOIL CONSERVATION SERVICES.
Dca - DEERFIELD LOAMY SAND
Ux - URBAN LAND
- 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: C=0.05
IMPERVIOUS SURFACE AREA: 1000± AC.
- STABILIZATION PRACTICES FOR EROSION AND SEDIMENTATION CONTROLS:**
TEMPORARY STABILIZATION - TOPSOIL STOCKPILES AND DISTURBED AREAS OF THE CONSTRUCTION SITE THAT WILL NOT BE REDISTRIBUTED 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 PERMANENT 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 TREFLOIL. 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.
- 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 TARPULIN.
CATCH BASINS - WILL BE CLEANED ON AN ANNUAL BASIS TO REMOVE ALL SEDIMENTS FROM T-2 CATCH BASIN SUMPS.
CATCH BASIN PROTECTION - WILL BE INSTALLED AT ALL CATCH BASINS WITHIN THE CONSTRUCTION AREA. FILTER FABRIC WILL BE INSTALLED AROUND THE GRATES OF CATCH BASINS THAT ARE LOCATED IN THE TRAVEL WAY AND STONE/FILTER FABRIC PROTECTION WILL BE INSTALLED AT THE CATCH BASINS FOUND WITHIN THE PARKING AREA AND GRASS.
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:**
STORM WATER DRAINAGE FOR DEVELOPED AREAS WILL BE COLLECTED BY A PIPE AND CATCH BASIN CLOSED DRAINAGE SYSTEM. APPROXIMATELY 0.11 ACRES OF THE 4.85 ACRE SITE WILL REMAIN UNTOUCHED AND IN ITS NATURAL STATE.
- 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.



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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:17977-02

REV	DESCRIPTION	ENG/PE/	DATE	DRN	DWG	APPR

STORMWATER MANAGEMENT PLAN

EVERSOURCE ENERGY

NEW HAMPSHIRE

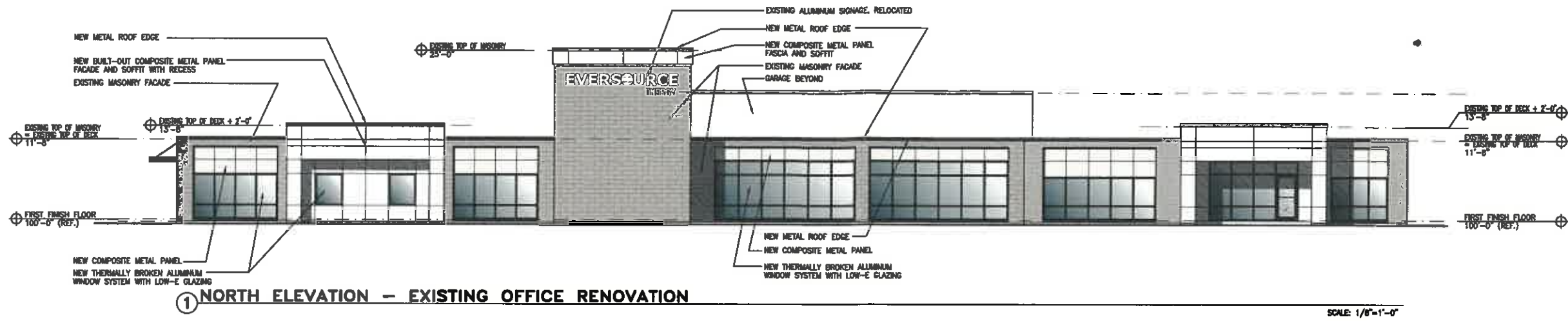
TAX MAP G LOTS 93 & 99
370 AMHERST STREET
NASHUA, NEW HAMPSHIRE
NASHUA AREA WORK CENTER

SCALE: 1" = 40'

FILE: 17977-02 SITE LAYOUT.DWG

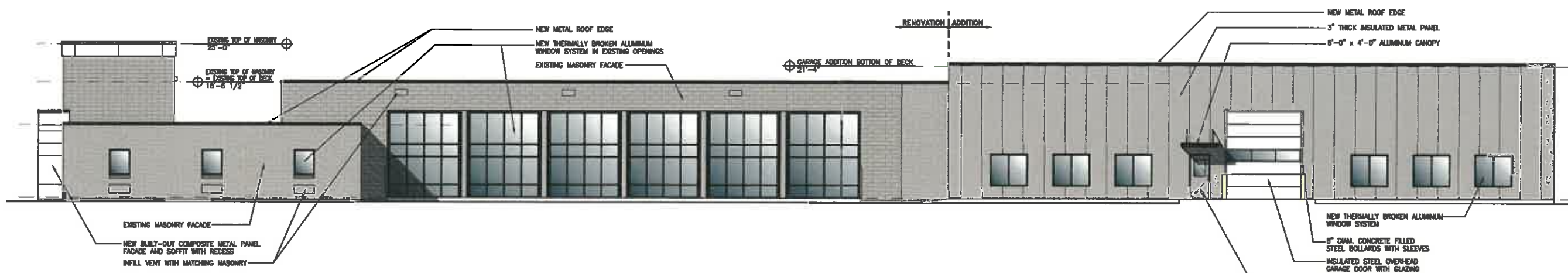
DRAWING NO: 8 OF 16

DATE: 5/30/19



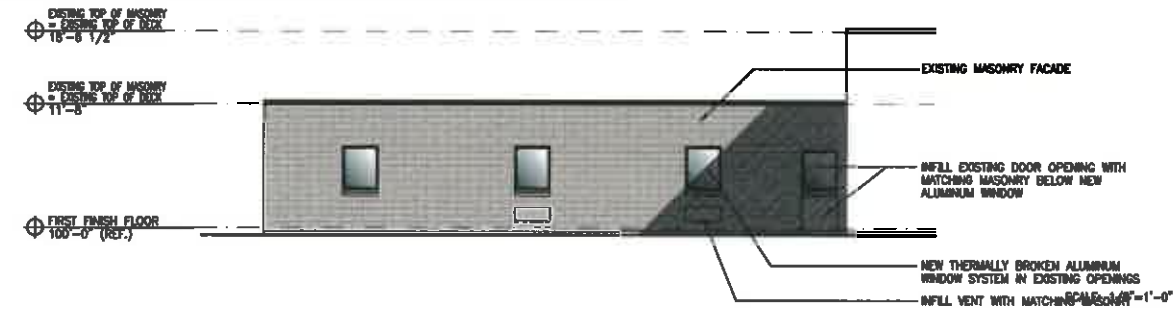
1 NORTH ELEVATION - EXISTING OFFICE RENOVATION

SCALE: 1/8"=1'-0"



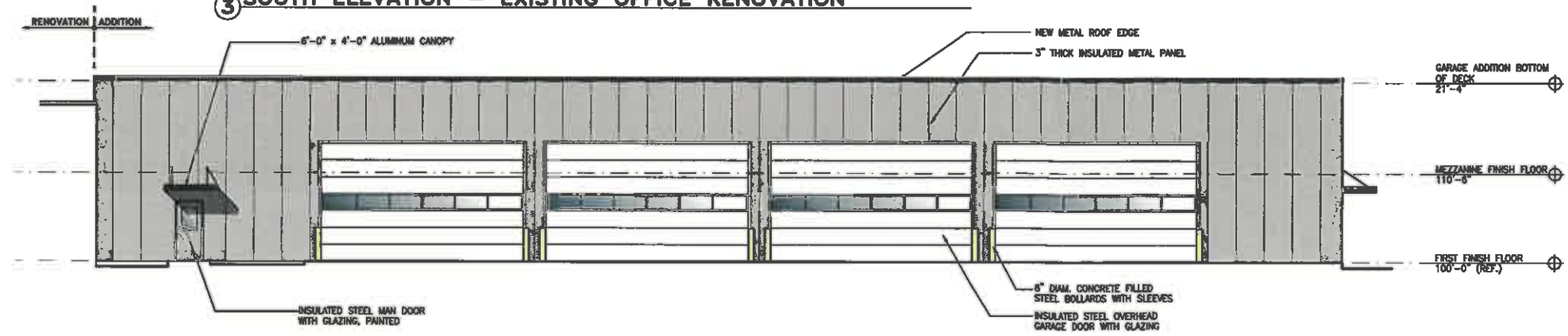
2 WEST ELEVATION - EXISTING OFFICE RENOVATION & GARAGE ADDITION

SCALE: 1/8"=1'-0"



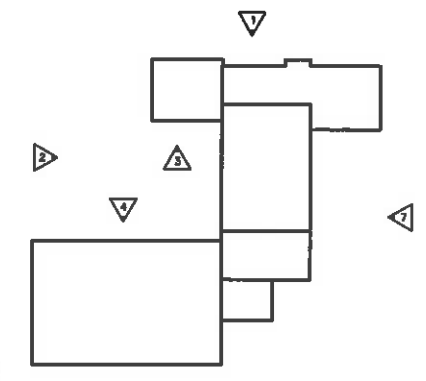
3 SOUTH ELEVATION - EXISTING OFFICE RENOVATION

SCALE: 1/8"=1'-0"



4 NORTH ELEVATION - GARAGE ADDITION

SCALE: 1/8"=1'-0"



ELEVATION LOCATION KEY

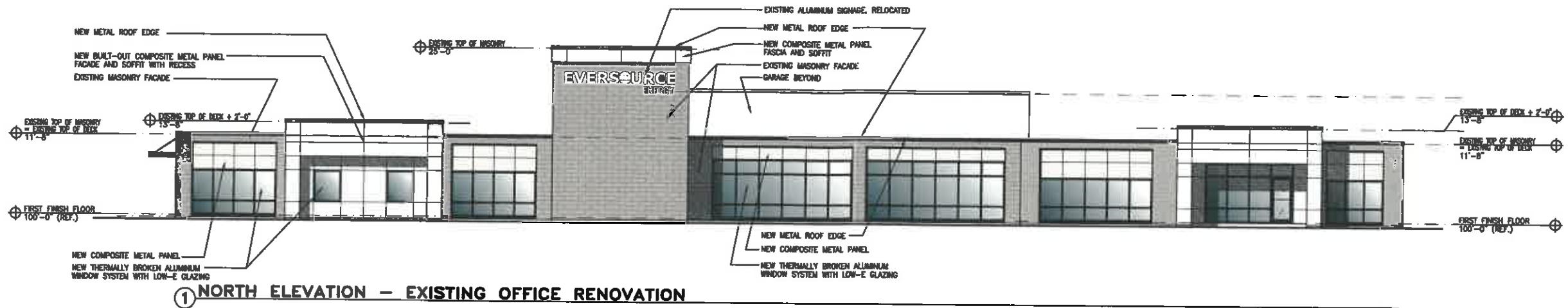
REV. NO.	REVISIONS	DATE

PROJECT: EVERSOURCE NASHUA AREA WORK CENTER RENOVATION
 NASHUA, NEW HAMPSHIRE
 SUBJECT: EXTERIOR ELEVATIONS
 SCALE: 1/8"=1'-0"
 DATE: 09/25/19

UDEL'SMAN ASSOCIATES
 ARCHITECTURE • PLANNING • DESIGN
 161 FEDERAL HILL ROAD
 HOLLIS, NEW HAMPSHIRE 03049
 PHONE • 603 465 6960

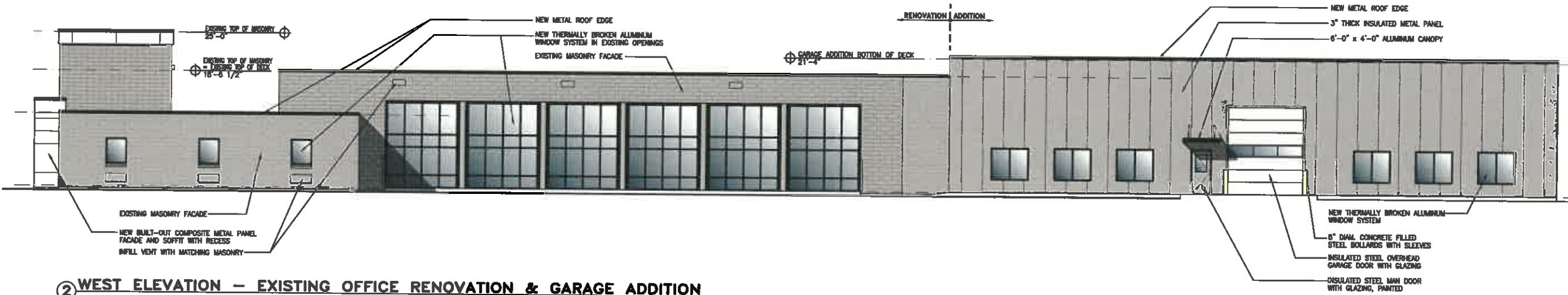
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SHEET NO.: A4.1



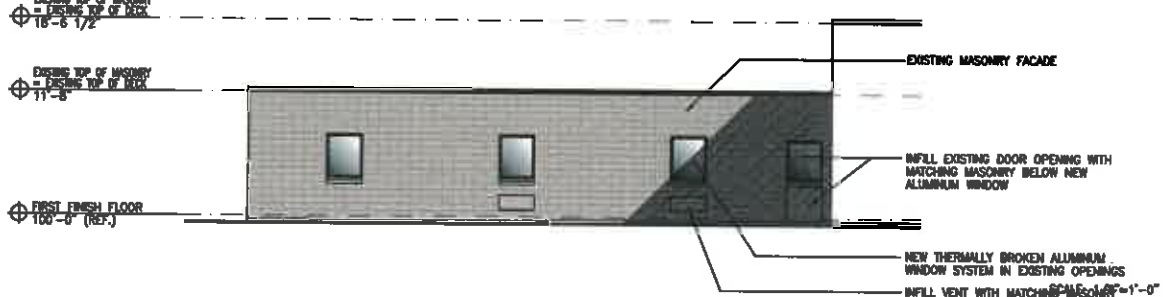
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SCALE: 1/8"=1'-0"

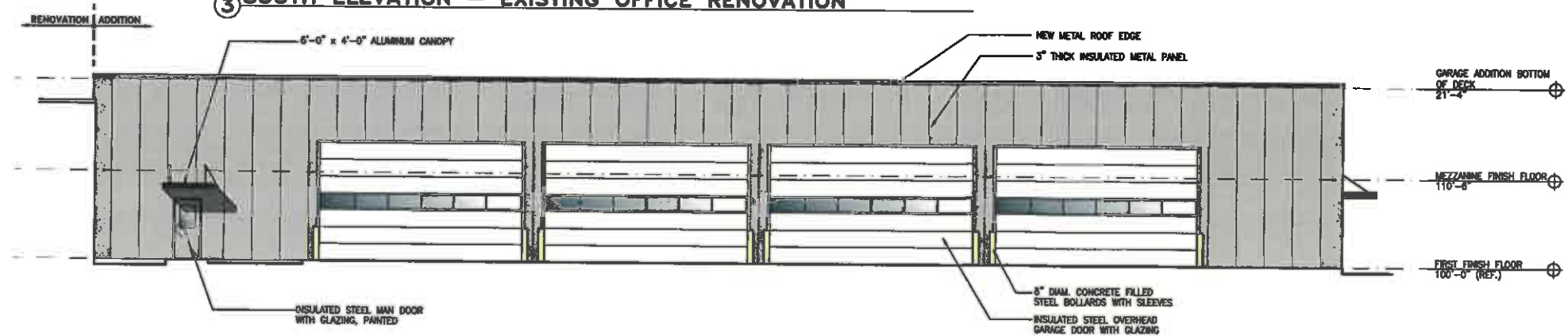


2 WEST ELEVATION - EXISTING OFFICE RENOVATION & GARAGE ADDITION

SCALE: 1/8"=1'-0"

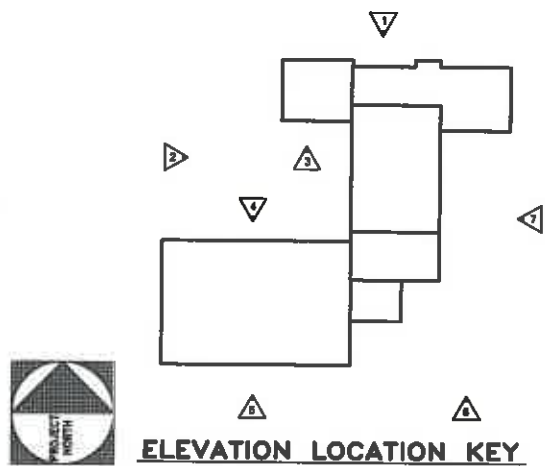


3 SOUTH ELEVATION - EXISTING OFFICE RENOVATION



4 NORTH ELEVATION - GARAGE ADDITION

SCALE: 1/8"=1'-0"



ELEVATION LOCATION KEY

REV. NO.	REVISIONS	DATE

PROJECT: EVERSOURCE NASHUA AREA WORK CENTER RENOVATION
 SUBJECT: EXTERIOR ELEVATIONS
 ARCHITECTURE: UDELSMAN ASSOCIATES
 DATE: 06/25/19
 SCALE: 1/8"=1'-0"

U UDELSMAN ASSOCIATES
 ARCHITECTURE • PLANNING • DESIGN
 161 FEDERAL HILL ROAD
 HOLLIS, NEW HAMPSHIRE 03049
 PHONE • 603 465 6960

PROJECT NO.: 1848

SHEET NO.: A4.1