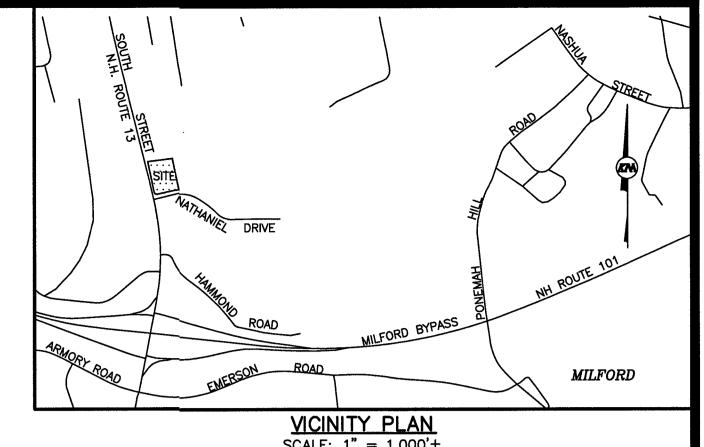


NON-RESIDENTIAL SITE PLAN

MILFORD RASHID GAS STATION

MAP 43 LOT 20-2 SOUTH STREET MILFORD, NEW HAMPSHIRE

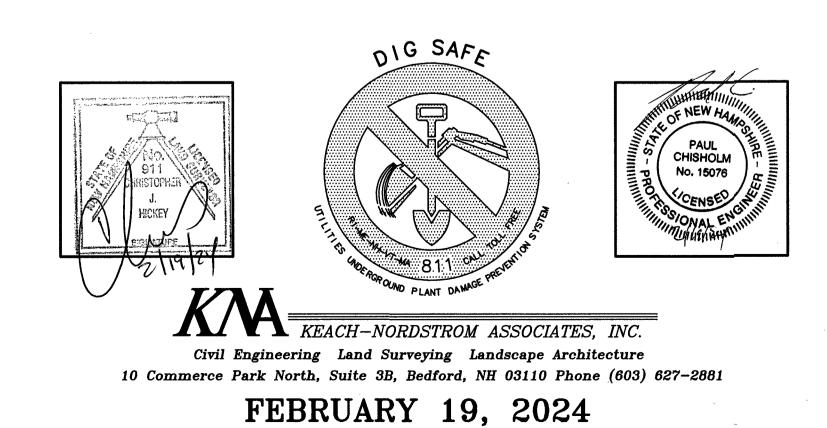


18 23 42 38 45 58 58 59 19-2 3 7 13 20 27 0 34 15 16 55 59 19-2 3 7 13 20 27 0 34 15 16 25 15 16 25 15 16 25 15 16 25 15 16 25 15 16 25 16

OWNER
SALT CREEK PROPERTIES, LLC
PO BOX 967
AMHERST, NEW HAMPSHIRE 03031

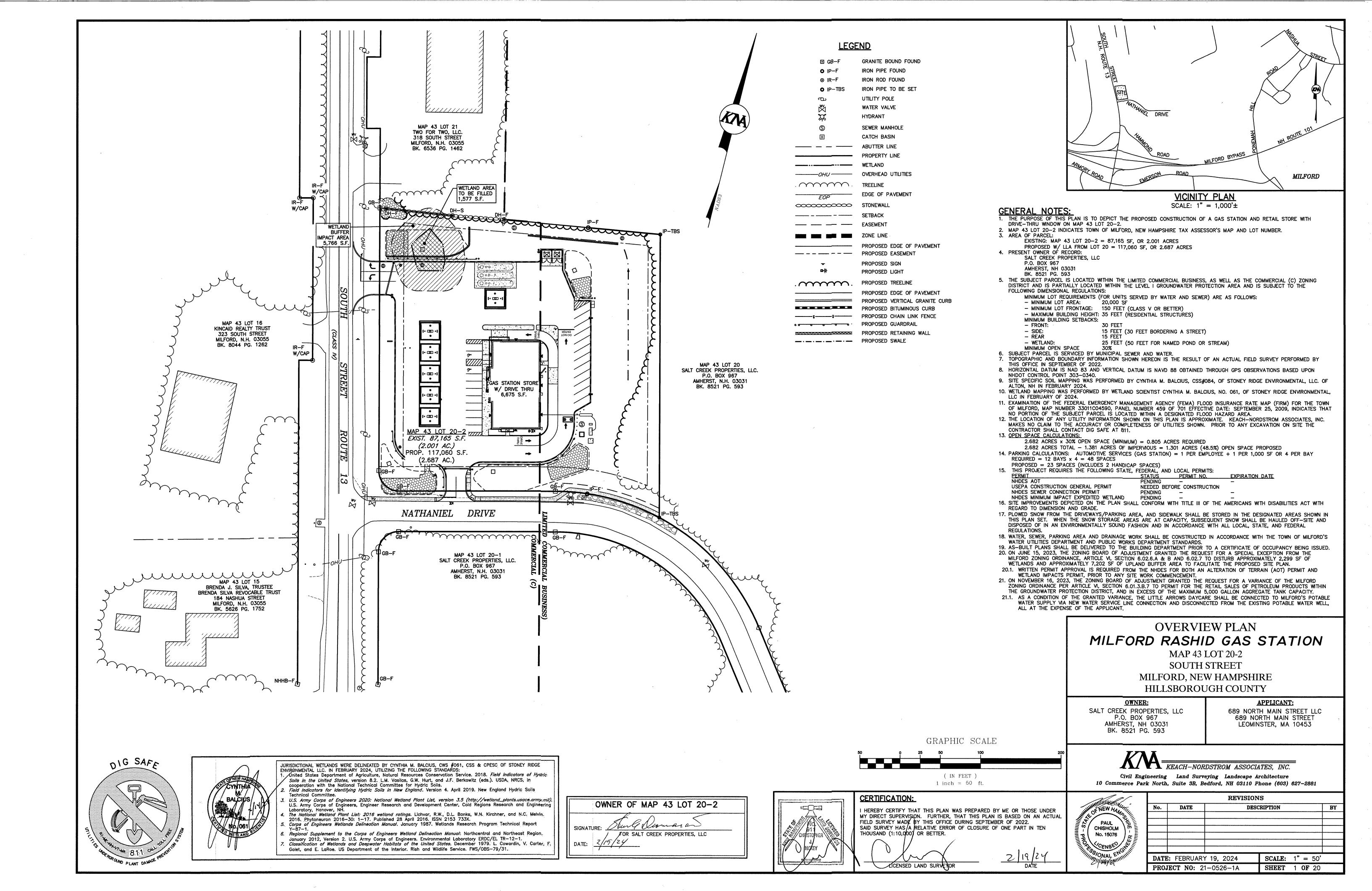
APPLICANT
689 NORTH MAIN STREET, LLC
689 NORTH MAIN STREET
LEOMEINSTER, MASSACHUSETTS 10453

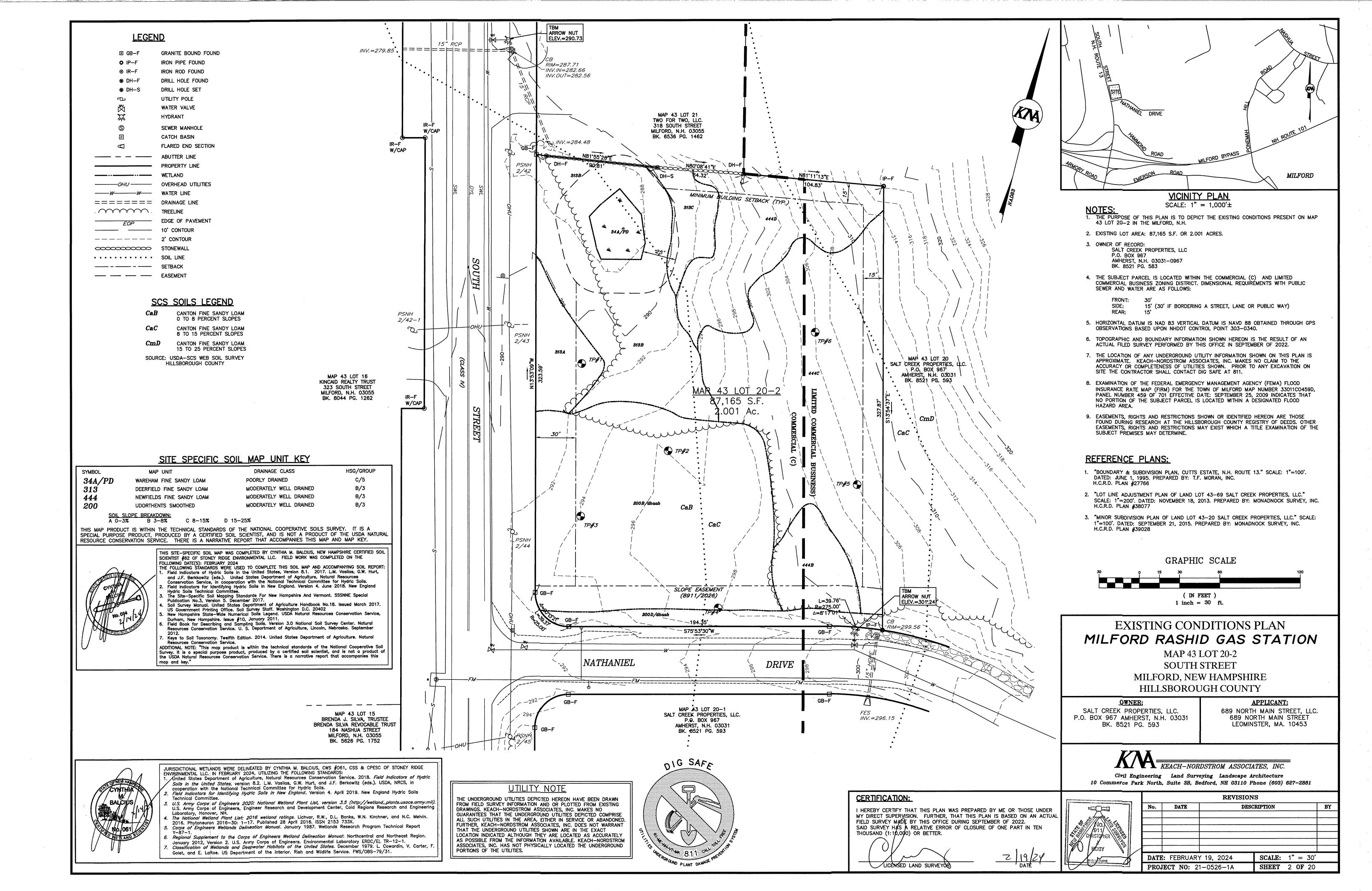
PREPARED BY:
KEACH-NORDSTROM ASSOCIATES, INC.
10 COMMERCE PARK NORTH, SUITE 3
BEDFORD, NEW HAMPSHIRE 03110
(603) 627-2881

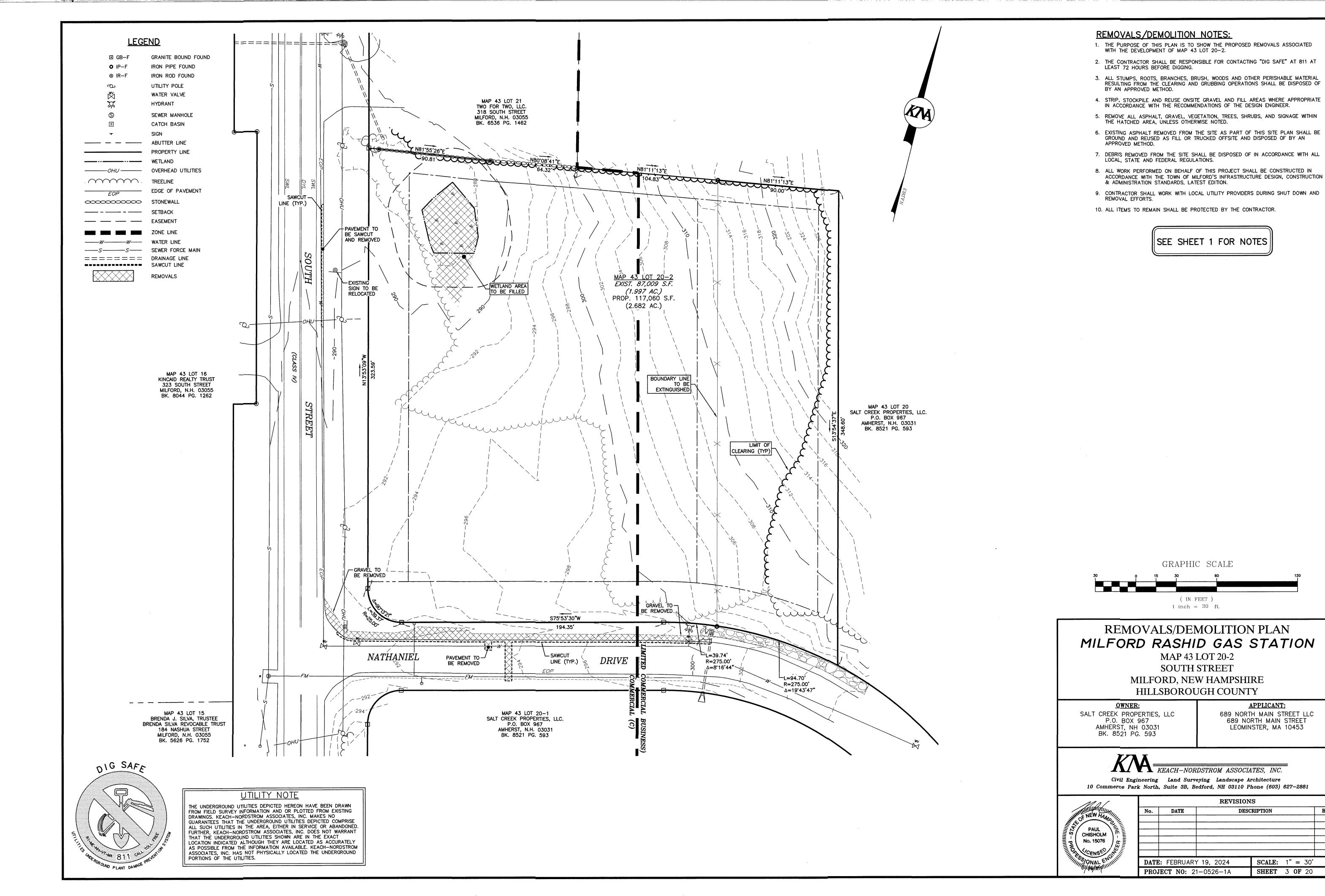


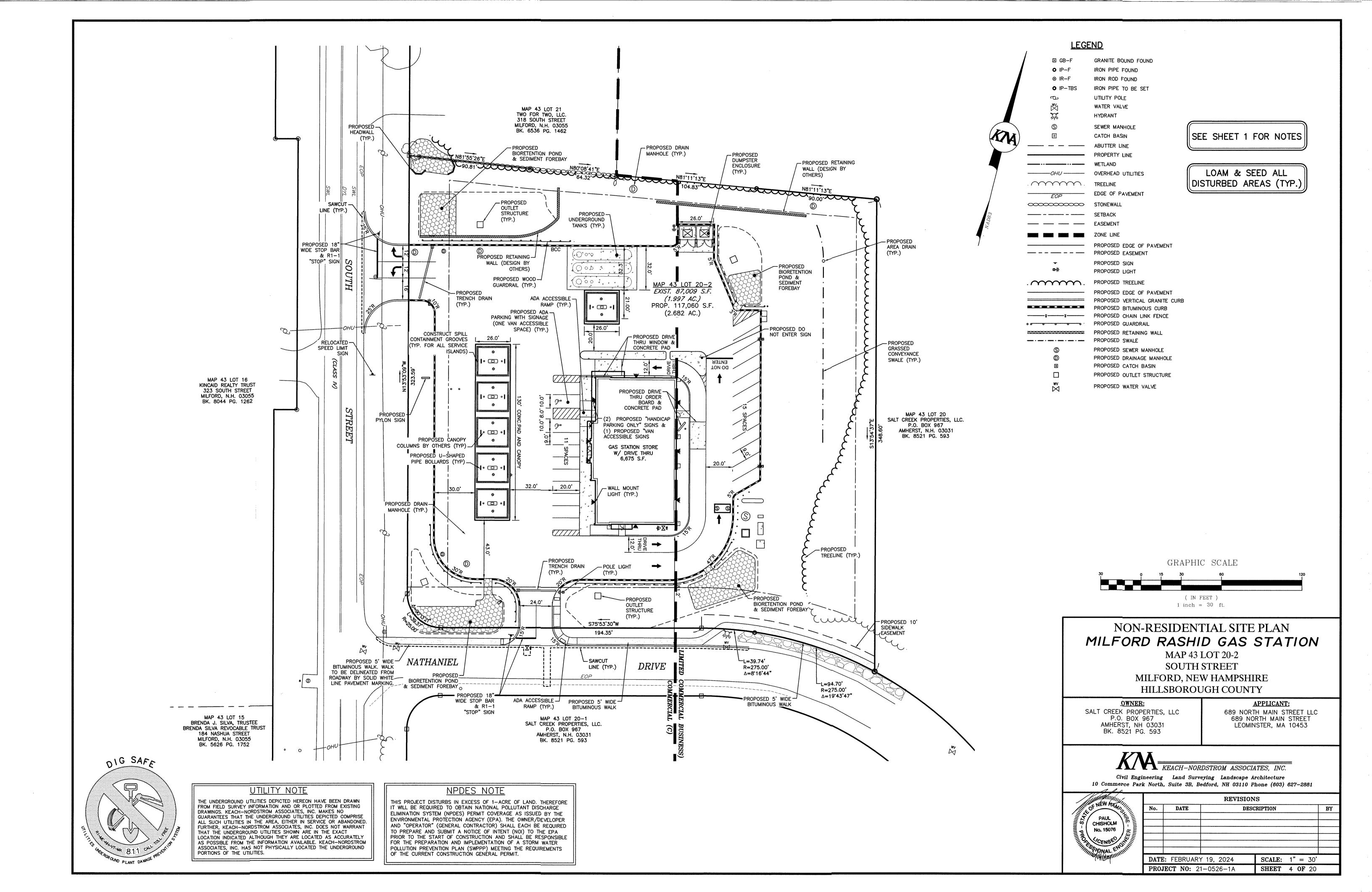
PROJECT NO. 21-0526-1A

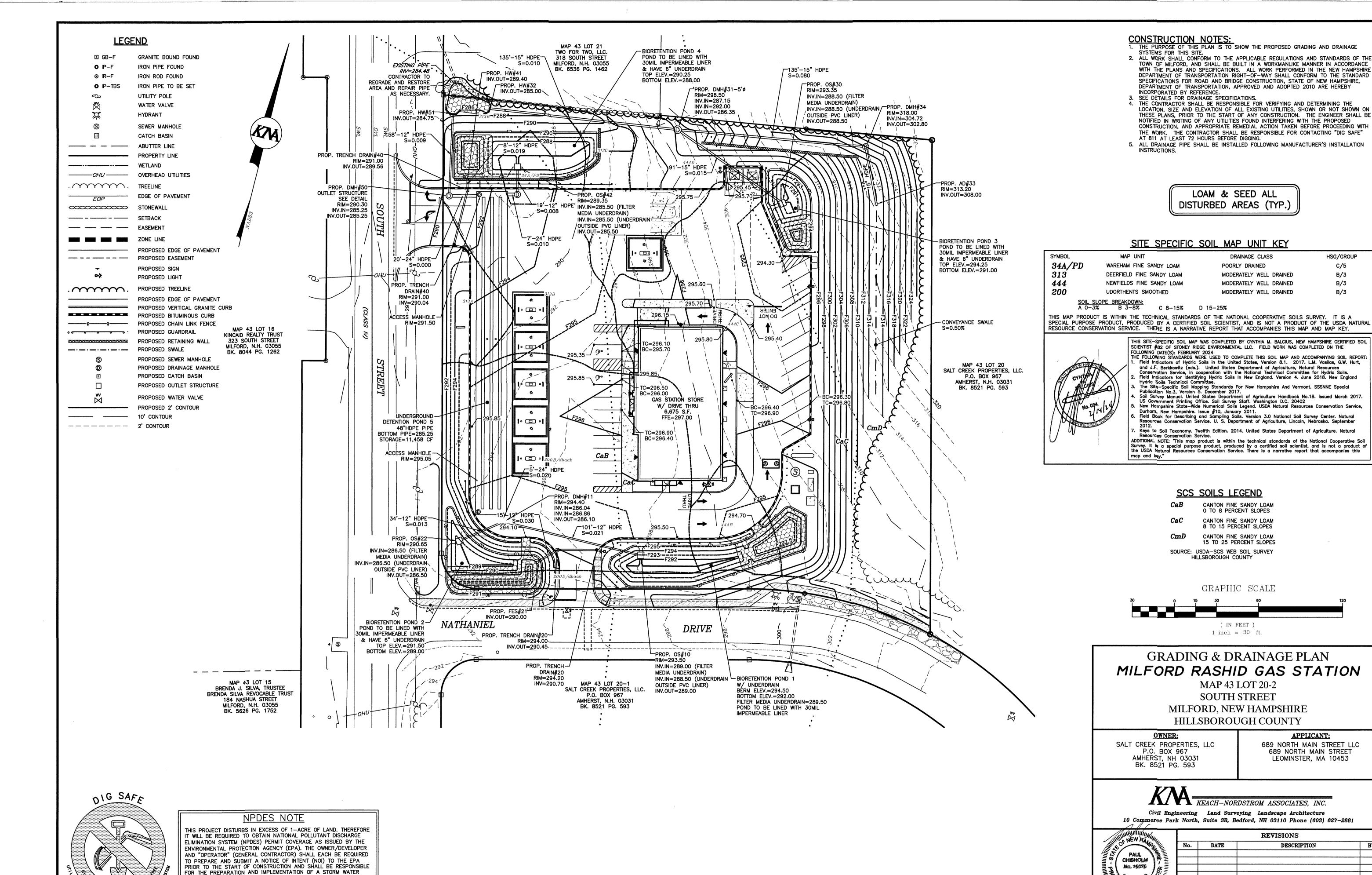
SHEET No.
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11-12
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14-20











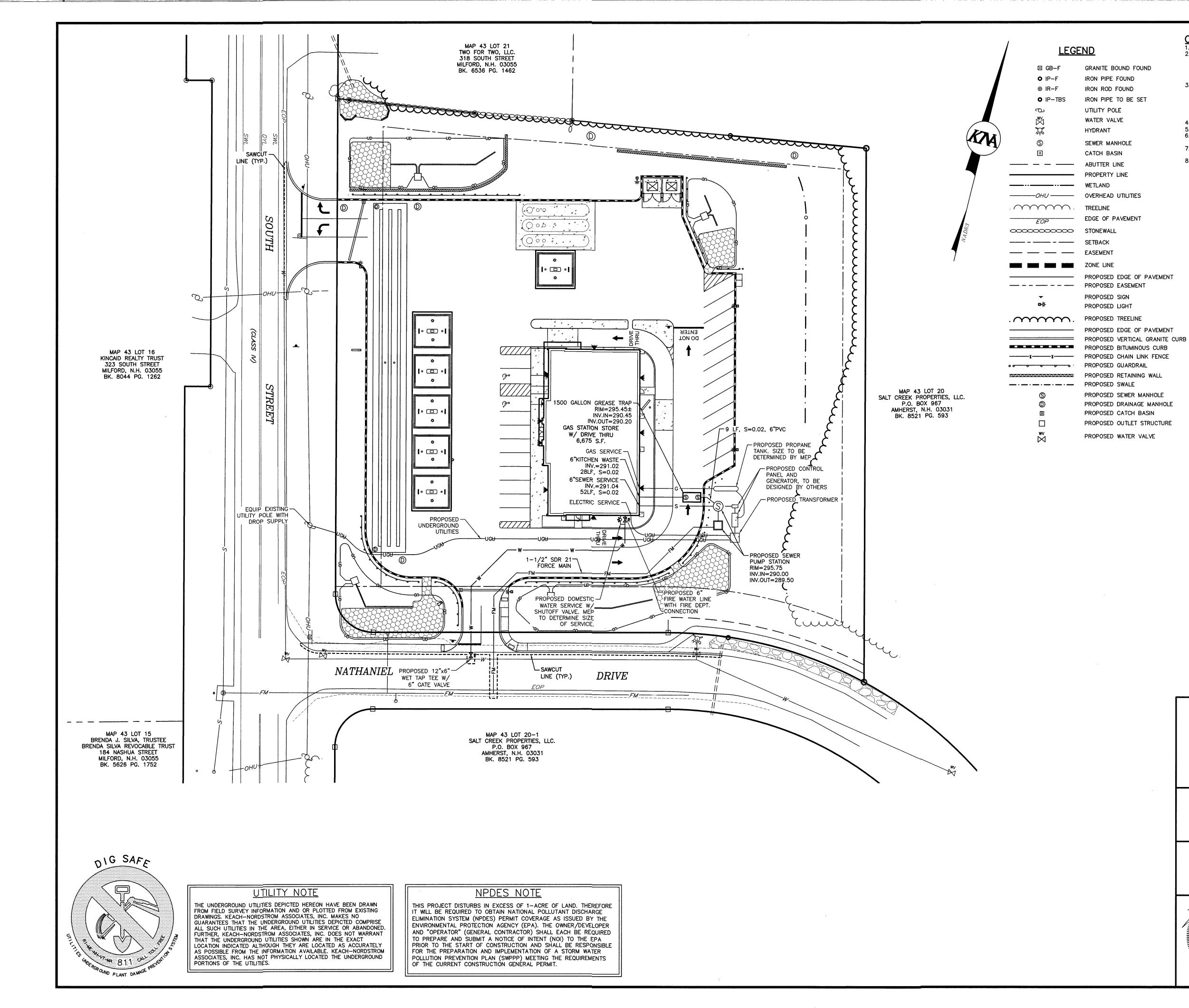
DATE: FEBRUARY 19, 2024

PROJECT NO: 21-0526-1A

SCALE: 1" = 30'

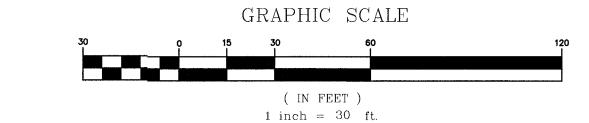
SHEET 5 **OF** 20

POLLUTION PREVENTION PLAN (SWPPP) MEETING THE REQUIREMENTS OF THE CURRENT CONSTRUCTION GENERAL PERMIT.



CONSTRUCTION NOTES:

- THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED UTILITY SYSTEMS FOR THIS SITE. 2. ALL WORK SHALL CONFORM TO THE TOWN OF MILFORD CONSTRUCTION STANDARDS AND DETAILS, LATEST EDITION. IN THE ABSENCE OF STANDARDS/SPECIFICATIONS, WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION, APPROVED AND ADOPTED 2010 ARE HEREBY INCORPORATED BY REFERENCE.
- 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 TAKEN BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 811 AT LEAST 72 HOURS BEFORE DIGGING.
- 4. ALL DISTURBED AREAS NOT TO BE PAVED SHALL BE LOAMED AND SEEDED.
- 5. ALL PIPE SHALL BE INSTALLED FOLLOWING MANUFACTURER'S INSTALLATION INSTRUCTIONS. 6. CONTRACTOR TO VERIFY SIZE OF WATER AND GAS SERVICE LINES WITH MECHANICAL
- CONTRACTOR/FIRE SUPPRESSION ENGINEER PRIOR TO THE START OF CONSTRUCTION. 7. LAYOUT OF UNDERGROUND ELECTRICAL SERVICE SHALL BE CONFIRMED BY LOCAL PROVIDER
- 8. PRIOR TO CONSTRUCTION, THE SITE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ELECTRICIAN FOR THE EXACT LOCATION, LAYOUT, CONDUIT SIZE AND CIRCUITS ASSOCIATED WITH



UTILITY PLAN MILFORD RASHID GAS STATION

MAP 43 LOT 20-2 **SOUTH STREET**

MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY

OWNER:

AMHERST, NH 03031

BK. 8521 PG. 593

SALT CREEK PROPERTIES, LLC P.O. BOX 967

689 NORTH MAIN STREET LLC 689 NORTH MAIN STREET LEOMINSTER, MA 10453

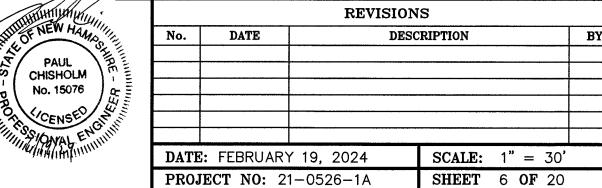
APPLICANT:

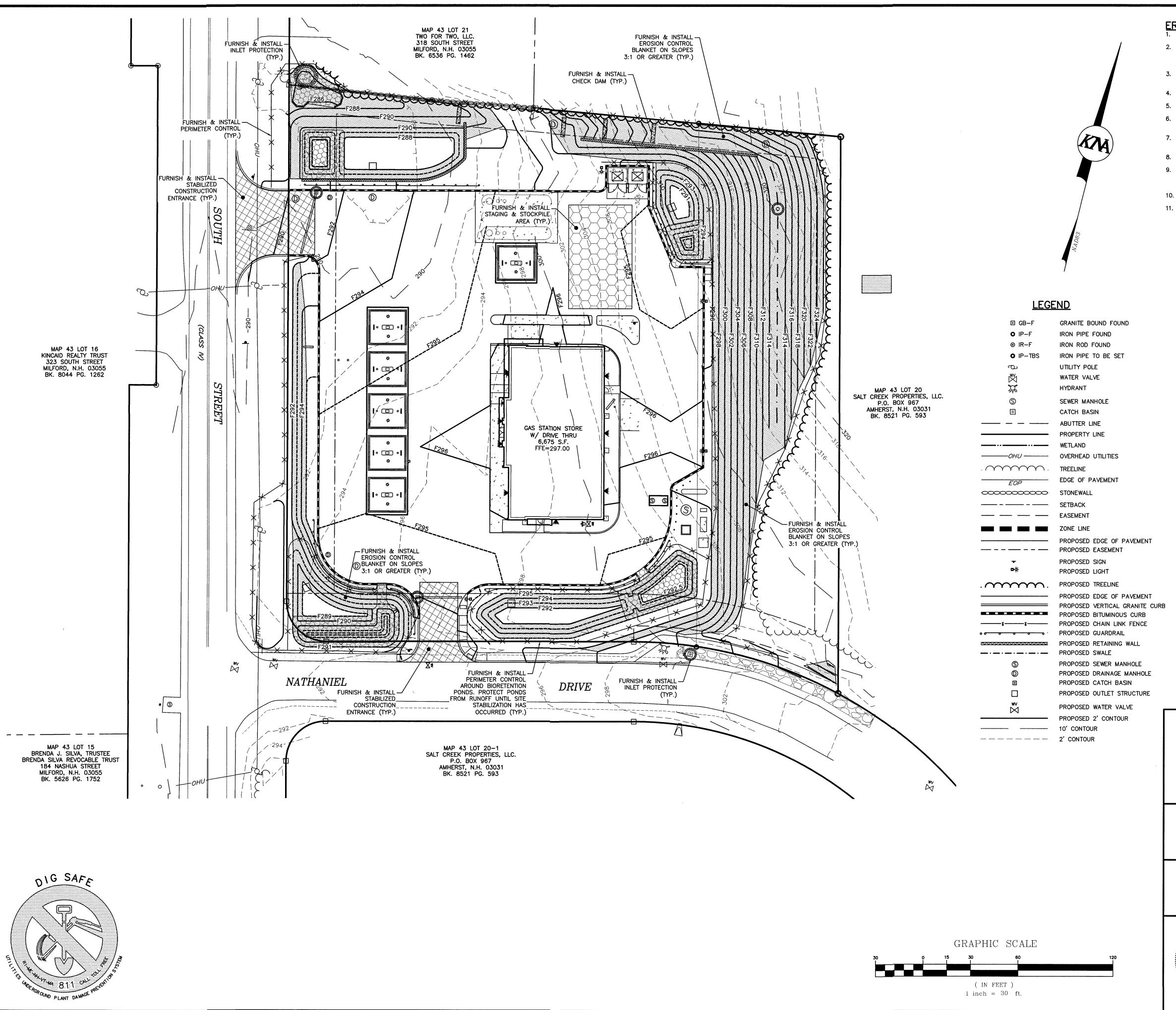


▼ ■ KEACH-NORDSTROM ASSOCIATES, INC.

Civil Engineering Land Surveying Landscape Architecture

10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881 REVISIONS





EROSION CONTROL NOTES:

- THE PURPOSE OF THIS PLAN IS TO DEPICT THE REQUIRED ONSITE TEMPORARY CONSTRUCTION EROSION CONTROL MEASURES AS WELL AS THE PERMANENT EROSION CONTROL MEASURES.
 ALL MEASURES IN THE PLAN SHALL MEET AS A MINIMUM THE BEST MANAGEMENT PRACTICES SET FORTH IN VOLUME 3 OF THE NEW HAMPSHIRE STORMWATER MANUAL TITLED "EROSION"
- AND SEDIMENT CONTROLS DURING CONSTRUCTION," DATED DECEMBER 2010, AS AMENDED FROM TIME TO TIME BY THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES.

 3. WHENEVER PRACTICAL, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED OR SUPPLEMENTED. THE STRIPPING OF VEGETATION, WHEN NECESSARY, SHALL BE DONE IN A
 - MANNER THAT MINIMIZES SOIL EROSION.

 4. APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO LAND DISTURBANCE.
 - 5. THE AREA OF DISTURBANCE SHALL BE KEPT TO A MINIMUM. DISTURBED AREAS REMAINING IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED.
 - 6. MEASURES SHALL BE TAKEN TO CONTROL EROSION WITHIN THE PROJECT AREA. SEDIMENT IN RUNOFF WATER SHALL BE TRAPPED AND RETAINED WITHIN THE PROJECT AREA USING
 - APPROVED MEASURES.

 7. OFFSITE SURFACE WATER AND RUNOFF FROM UNDISTURBED AREAS SHALL BE DIVERTED AWAY FROM DISTURBED AREAS WHERE FEASIBLE OR CARRIED NON-EROSIVELY THROUGH THE
 - PROJECT AREA: INTEGRITY OF DOWNSTREAM DRAINAGE SYSTEMS SHALL BE MAINTAINED.

 8. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN
 - FUNCTIONING CONDITION UNTIL FINAL SITE STABILIZATION IS ACCOMPLISHED.

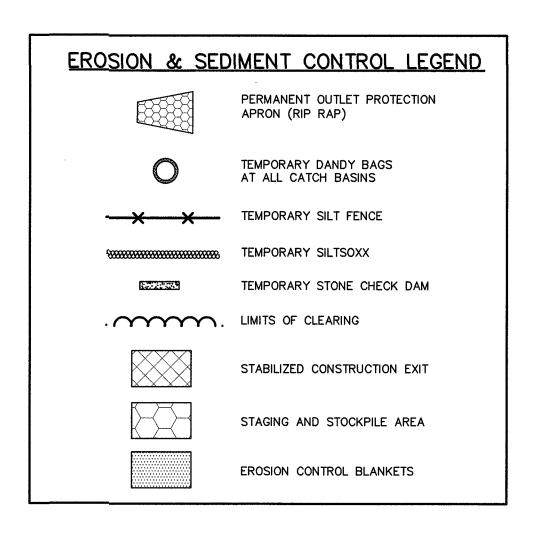
 9. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL SITE STABILIZATION. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED WITHIN
 - 30 DAYS UNLESS CONDITIONS DICTATE OTHERWISE.

 10. THE TOWN OF MILFORD SHALL RESERVE THE RIGHT TO REQUIRE FURTHER EROSION CONTROL PRACTICES DURING CONSTRUCTION SHOULD THEY FIND IT NECESSARY.
- 11. CONSTRUCTION DEWATERING SHALL INCLUDE BYPASS PUMPING AND DEWATERING AROUND AND WITHIN SANDBAG COFFERDAMS. DEWATERING DISCHARGE SHALL FILTER THROUGH A SEDIMENT BAG PRIOR TO DISCHARGE.

LOAM & SEED ALL DISTURBED AREAS (TYP.)

NPDES NOTE

THIS PROJECT DISTURBS IN EXCESS OF 1—ACRE OF LAND. THEREFORE IT WILL BE REQUIRED TO OBTAIN NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COVERAGE AS ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA). THE OWNER/DEVELOPER AND "OPERATOR" (GENERAL CONTRACTOR) SHALL EACH BE REQUIRED TO PREPARE AND SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA PRIOR TO THE START OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THE PREPARATION AND IMPLEMENTATION OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) MEETING THE REQUIREMENTS OF THE CURRENT CONSTRUCTION GENERAL PERMIT.



EROSION CONTROL PLAN MILFORD RASHID GAS STATION

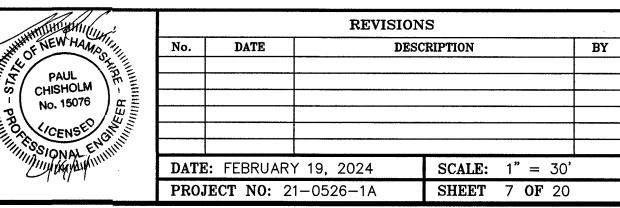
MAP 43 LOT 20-2 SOUTH STREET MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY

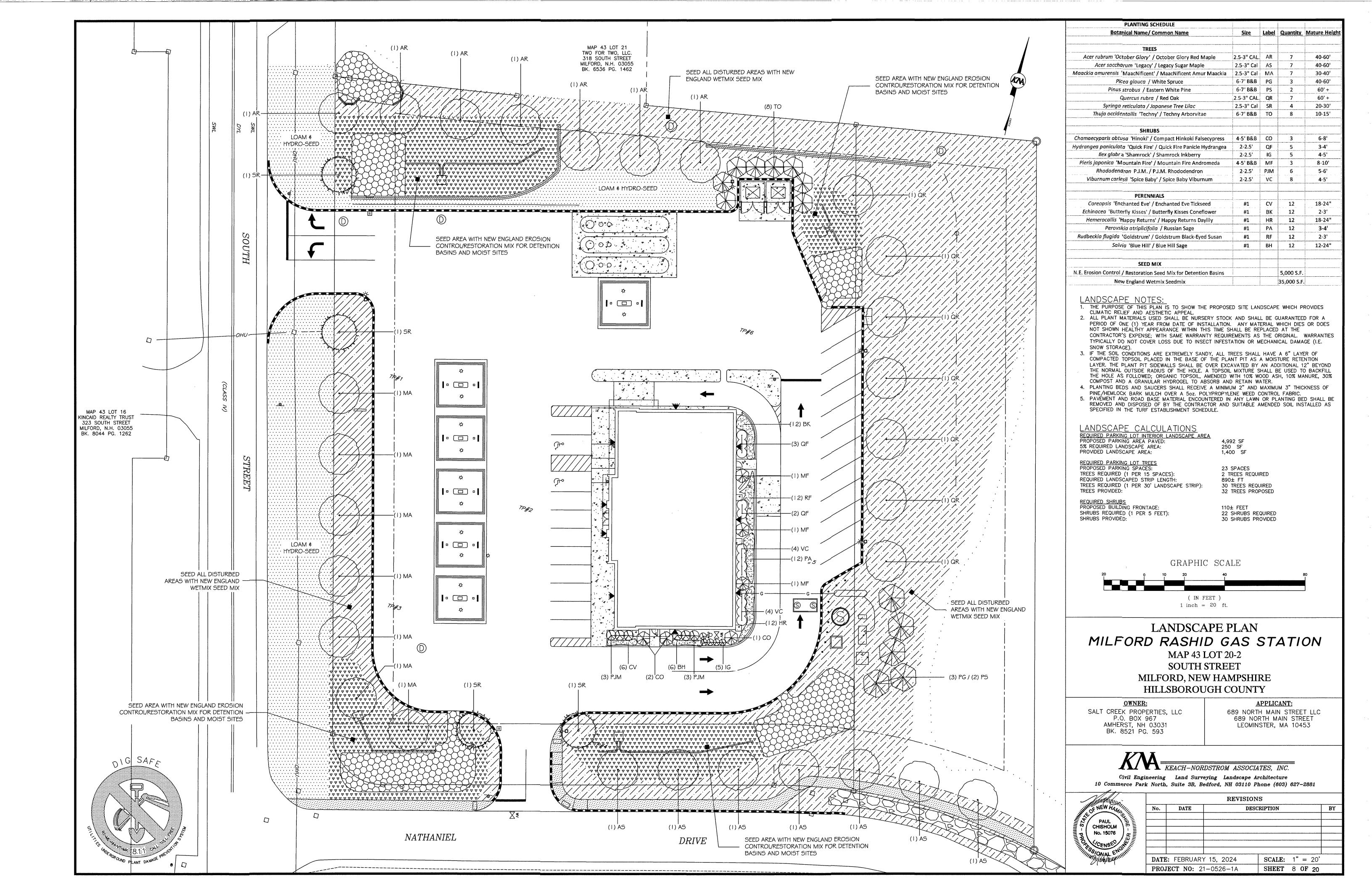
OWNER:

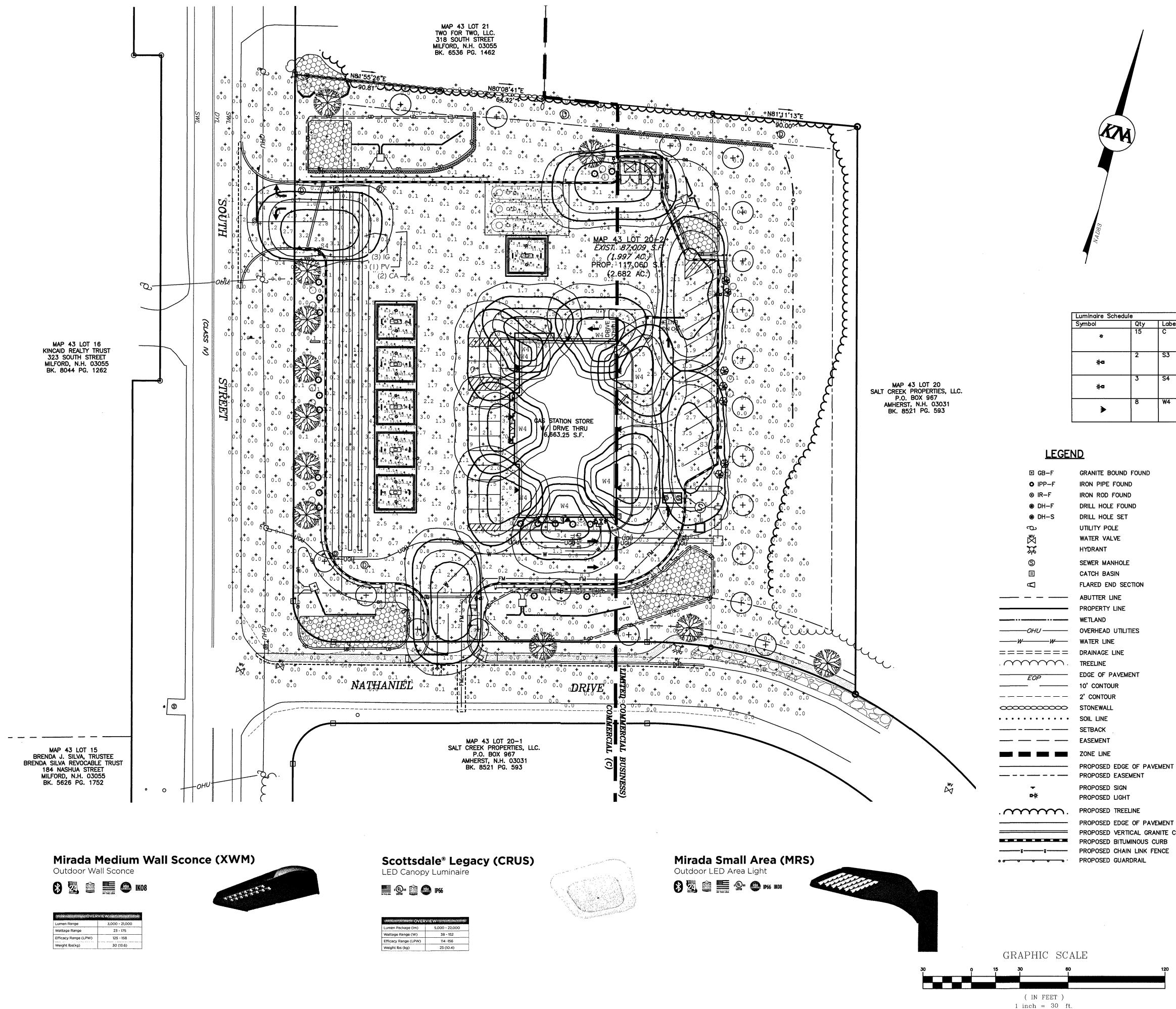
SALT CREEK PROPERTIES, LLC P.O. BOX 967 AMHERST, NH 03031 BK. 8521 PG. 593 APPLICANT:
689 NORTH MAIN STREET LLC
689 NORTH MAIN STREET
LEOMINSTER, MA 10453

KEACH-NORDSTROM ASSOCIATES, INC. Civil Engineering Land Surveying Landscape Architecture

Civil Engineering Land Surveying Landscape Architecture 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881









1. ALL LIGHTS/FIXTURES SHALL BE AS SPECIFIED BY CHARRON INCORPORATED. FIXTURES AND POLES SHALL BE LIGHT GRAY.

2. ALL PROPOSED FIXTURES ARE TO BE FULL CUTOFF.

3. POLE MOUNTED FIXTURES SHALL BE 15' ABOVE FINISH GRADE, WALL MOUNTED FIXTURES SHALL BE 10' ABOVE FINISH GRADE.

Steel Poles Square Straight





Luminaire Sche	dule				
Symbol	Qty	Label	Arrangement	Description	[MANUFAC]
41	15	С	Single	CRUS SC LED SLW 30 UE WHT DFL / CANOPY MOUNTED	LSI INDUSTRIES, INC.
≯¤	2	S3	Single	MRS LED 09L SIL 3 UNV DIM 30 70CRI IL / 4SQ B3 S11G 20 S GA (20' AFG)	LSI INDUSTRIES, INC.
≯¤	3	S4	Single	MRS LED 09L SIL FT UNV DIM 30 70CRI IL / 4SQ B3 S11G 20 S GA (20' AFG)	LSI INDUSTRIES, INC.
>	8	W4	Single	XWM FT LED 04L 30 UE CXX / WALL MTD 12' AFG	LSI INDUSTRIES, INC.

HYDRANT

SEWER MANHOLE

ABUTTER LINE

WETLAND

PROPERTY LINE

PROPOSED SIGN

PROPOSED LIGHT

PROPOSED EDGE OF PAVEMENT

PROPOSED VERTICAL GRANITE CURE

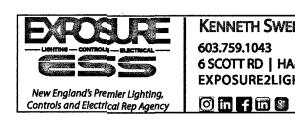
StatArea_1 GRANITE BOUND FOUND LARGE FUEL CANOPY IRON PIPE FOUND Illuminance (Fc) IRON ROD FOUND Average = 9.85Maximum = 17.2DRILL HOLE FOUND Minimum = 4.2DRILL HOLE SET Avg/Min Ratio = 2.35Max/Min Ratio = 4.10UTILITY POLE WATER VALVE

> FROM LARGE CANOPY TO FRONT OF STORE Illuminance (Fc) Average = 2.09Maximum = 7.3Minimum = 0.6Avg/Min Ratio = 3.48

Max/Min Ratio = 12.17

StatArea_2 SMALL FUEL CANOPY Illuminance (Fc) Average = 8.80Maximum = 14.0Minimum = 3.2Avg/Min Ratio = 2.75Max/Min Ratio = 4.38

StatArea_4 PARKING IN REAR OF STORE Illuminance (Fc) Average = 2.14Maximum = 3.5Minimum = 0.8Avg/Min Ratio = 2.68Max/Min Ratio = 4.38



KENNETH SWEENEY | APPLICATIONS ENGINEER 603.759.1043

6 SCOTT RD | HAMPTON, NH 03842 | 603.601.8080 **EXPOSURE2LIGHTING.COM**

LIGHTING PLAN MILFORD RASHID GAS STATION MAP 43 LOT 20-2

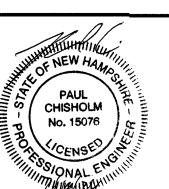
SOUTH STREET MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY

OWNER:

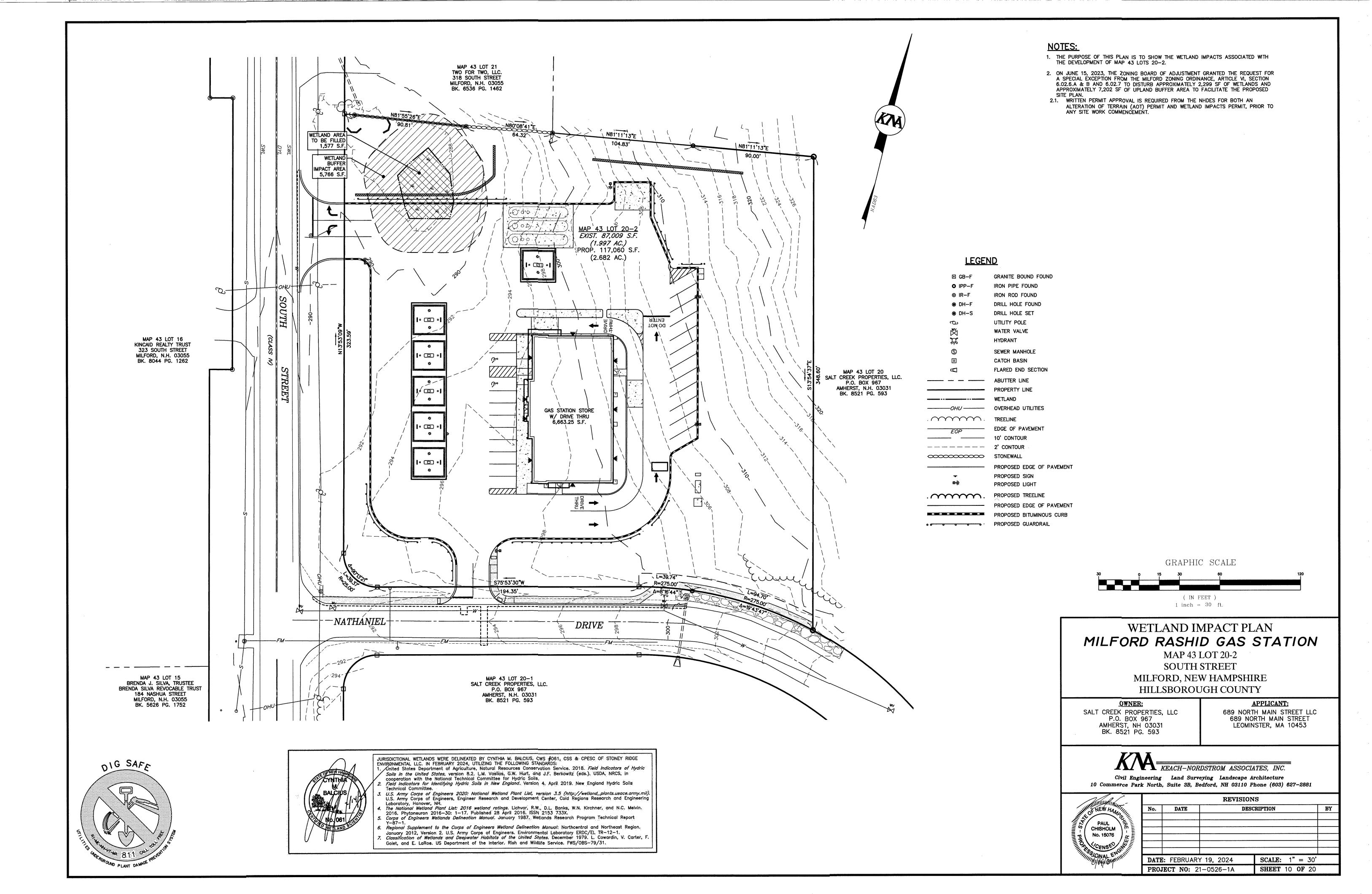
SALT CREEK PROPERTIES, LLC P.O. BOX 967 AMHERST, NH 03031 BK. 8521 PG. 593

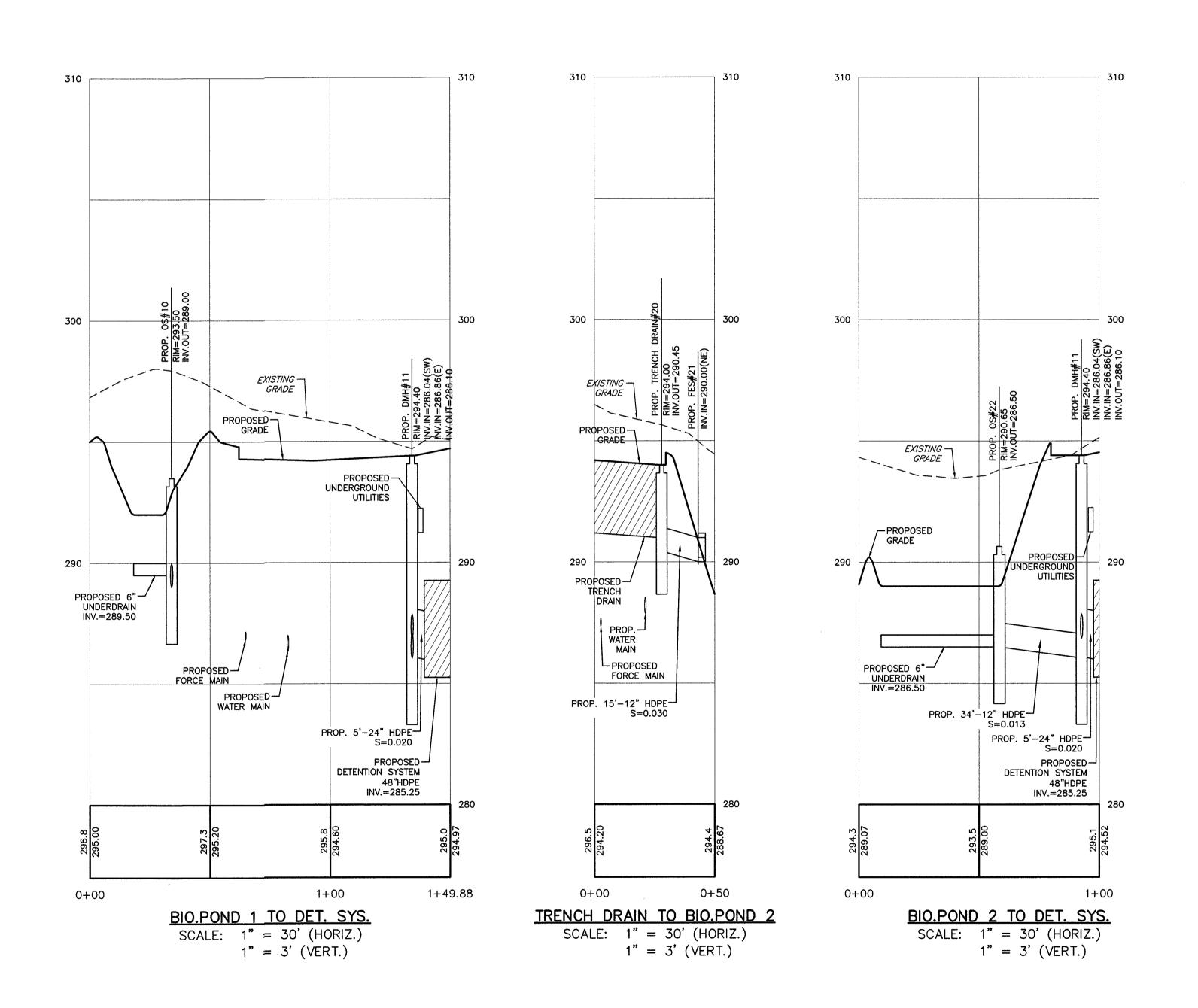
APPLICANT: 689 NORTH MAIN STREET LLC 689 NORTH MAIN STREET LEOMINSTER, MA 10453

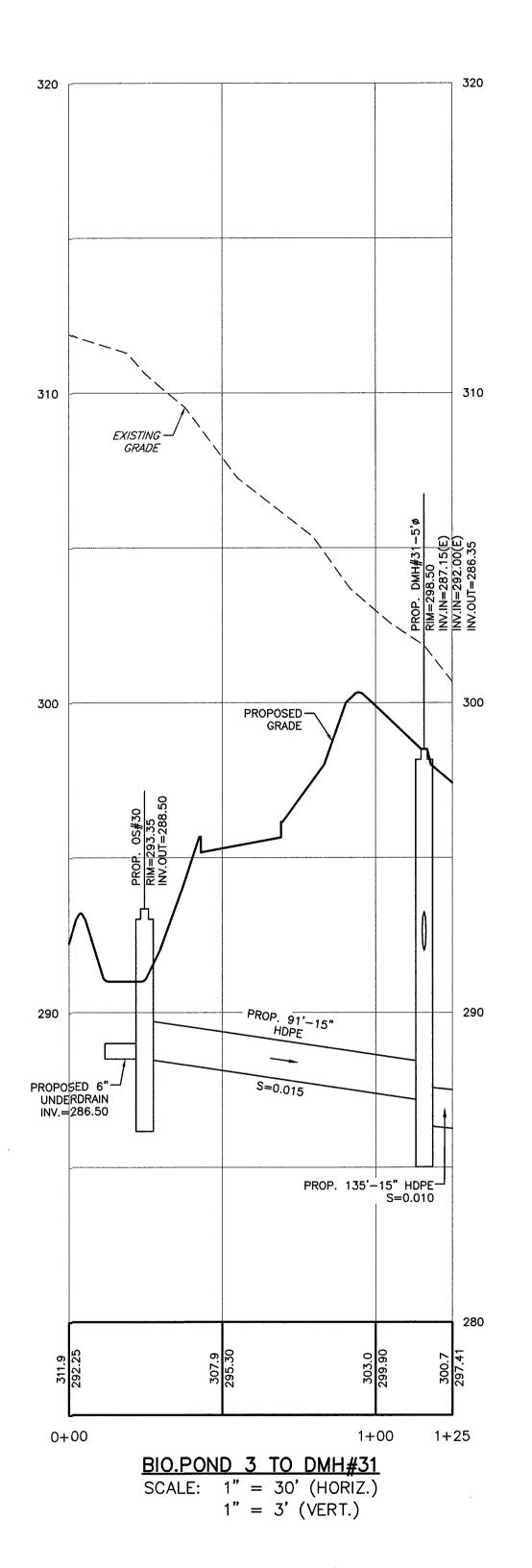
Civil Engineering Land Surveying Landscape Architecture 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881



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No	. DATE	DESCRIPTION			
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PR	OJECT NO: 2	1-0526-1A	SHEET	9 OF 20	









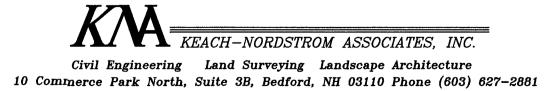
DRAINAGE PROFILES MILFORD RASHID GAS STATION

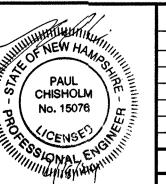
MAP 43 LOT 20-2 SOUTH STREET MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY

OWNER:

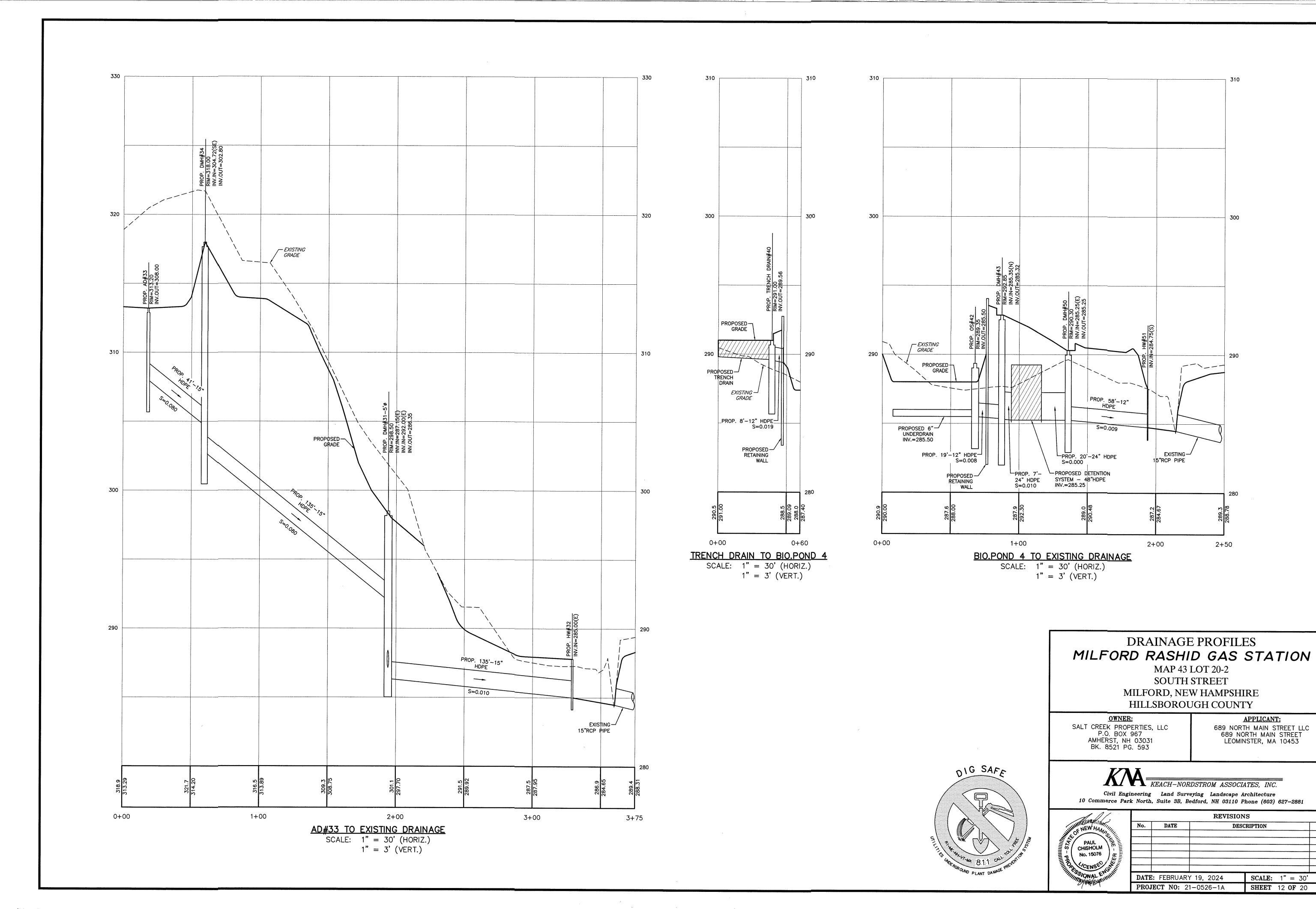
SALT CREEK PROPERTIES, LLC P.O. BOX 967 AMHERST, NH 03031 BK. 8521 PG. 593 689 NORTH MAIN STREET LLC 689 NORTH MAIN STREET LEOMINSTER, MA 10453

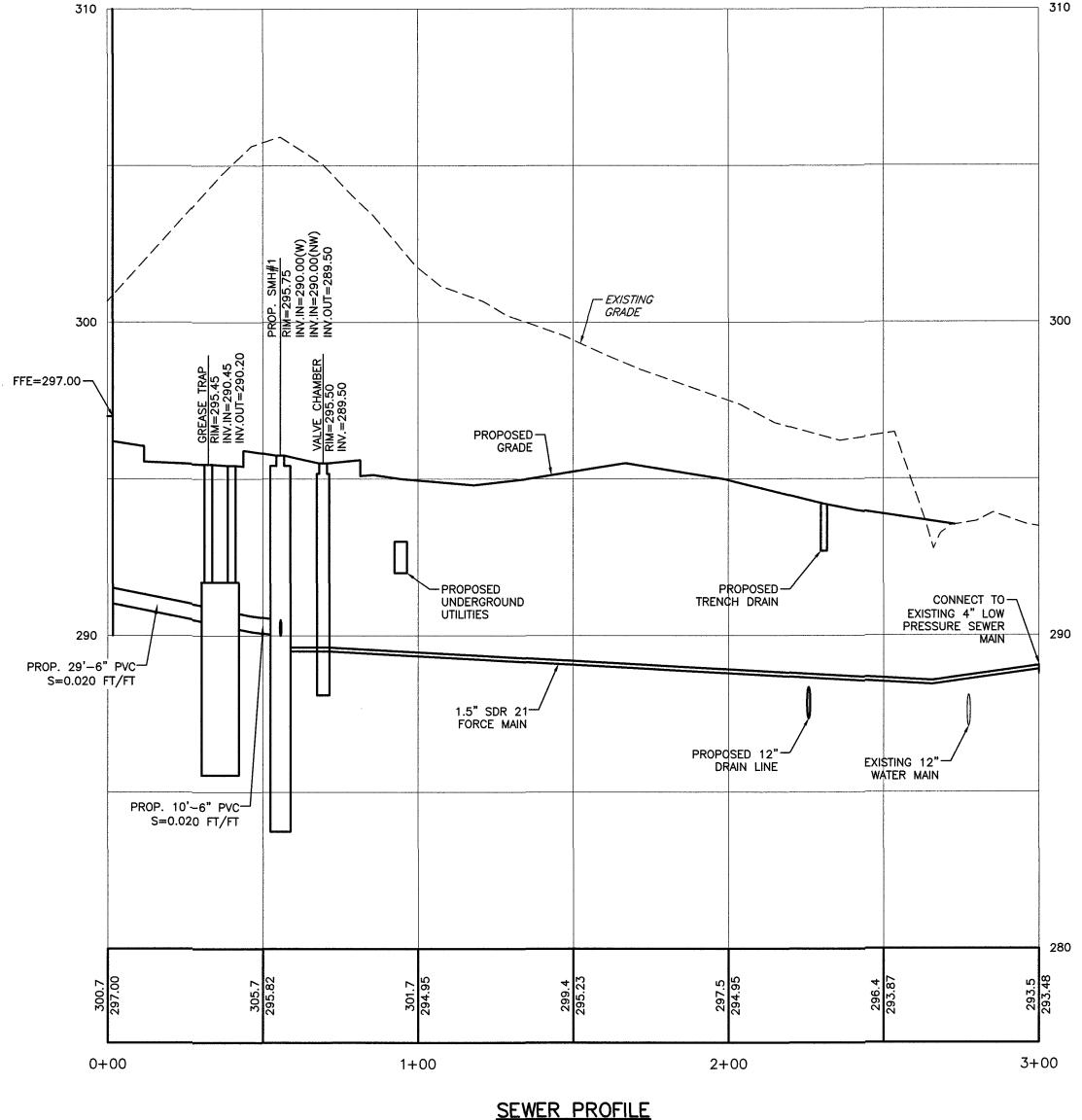
APPLICANT:





		REVISIO	ONS		
No.	DATE	DATE DESCRIPTION			
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DATE	: FEBRUAR	Y 19, 2024	SCALE:	1" = 30'	
PROJ	ECT NO: 2	1-0526-1A	SHEET	11 OF 20	





SEWER PROFILE

SCALE: 1" = 30' (HORIZ.)

1" = 3' (VERT.)



SEWER PROFILE MILFORD RASHID GAS STATION MAP 43 LOT 20-2

SOUTH STREET MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY

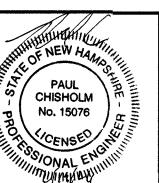
OWNER:
SALT CREEK PROPERTIES, LLC
P.O. BOX 967
AMHERST, NH 03031
BK. 8521 PG. 593

APPLICANT:
689 NORTH MAIN STREET LLC
689 NORTH MAIN STREET
LEOMINSTER, MA 10453

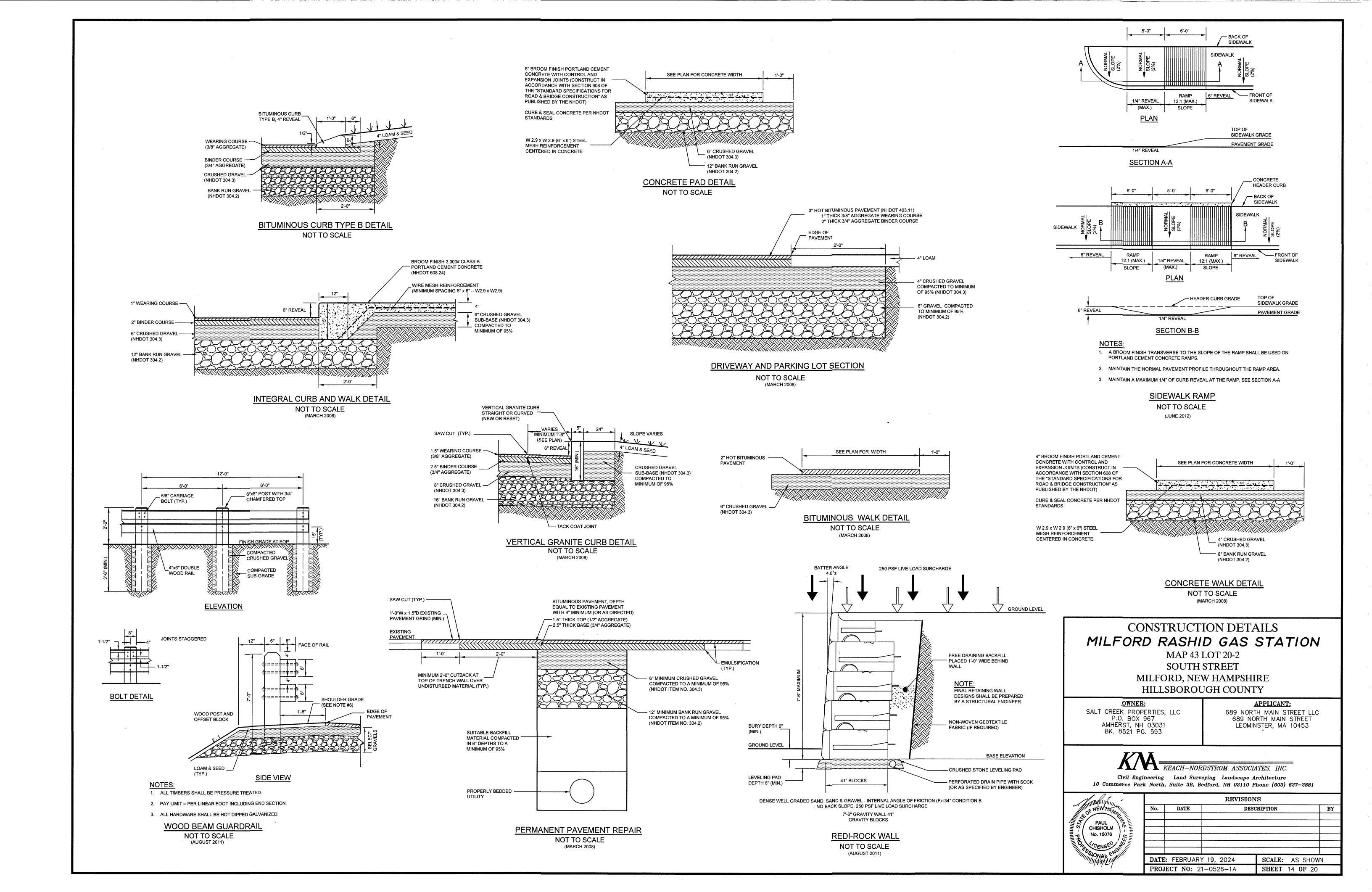
KEACH-NORDSTROM ASSOCIATES, INC.

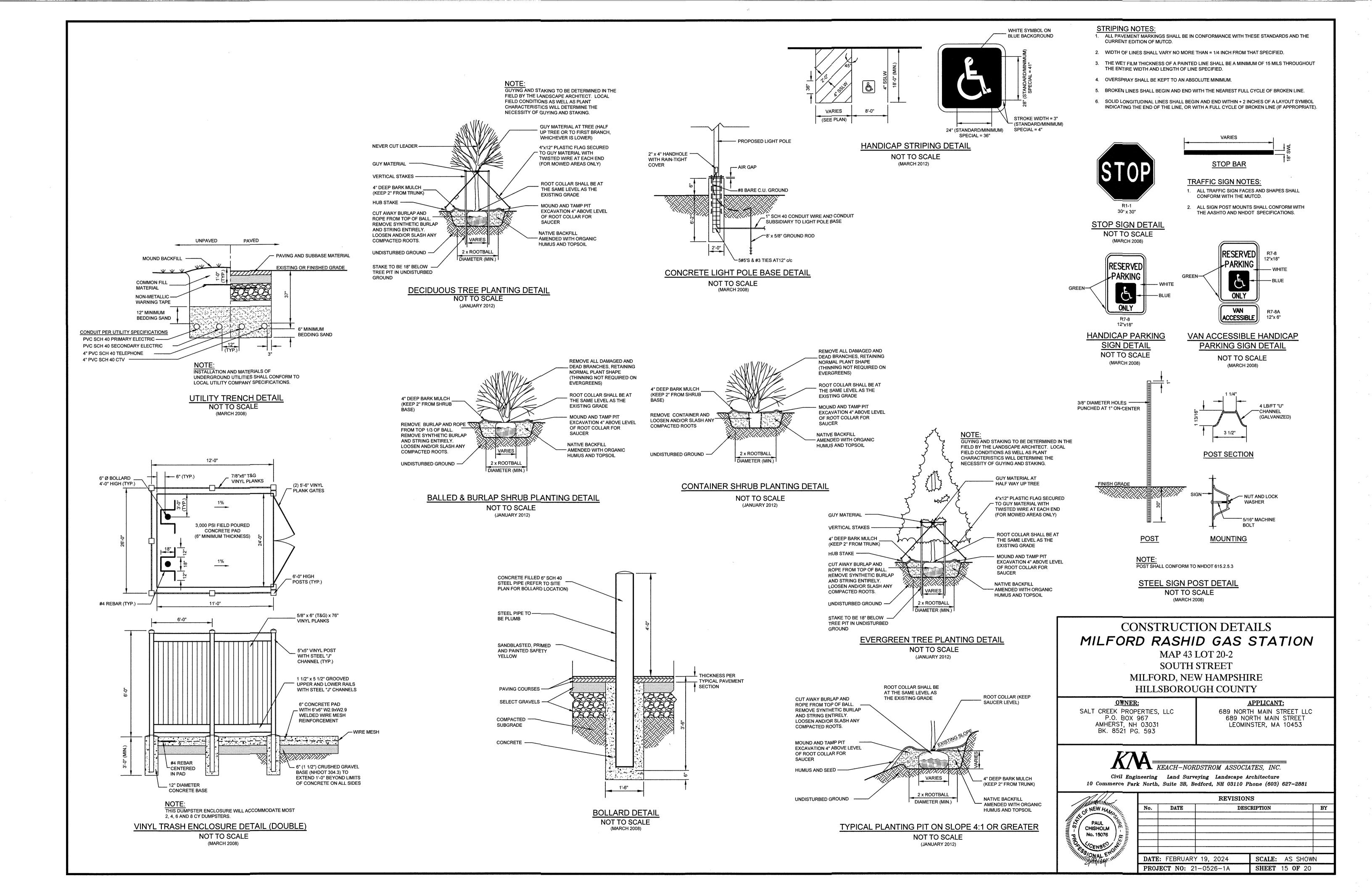
Civil Engineering Land Surveying Landscape Architecture

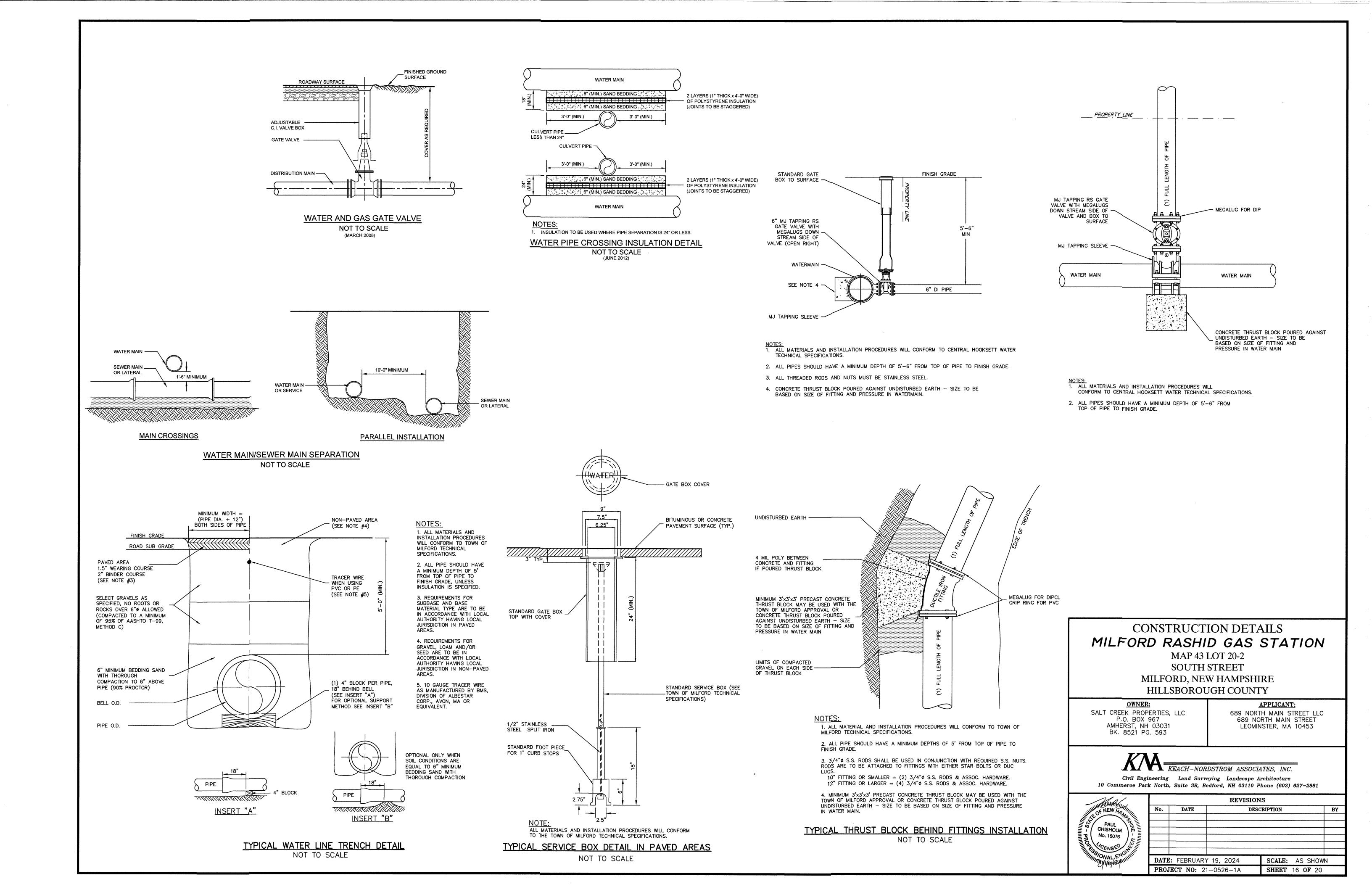
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

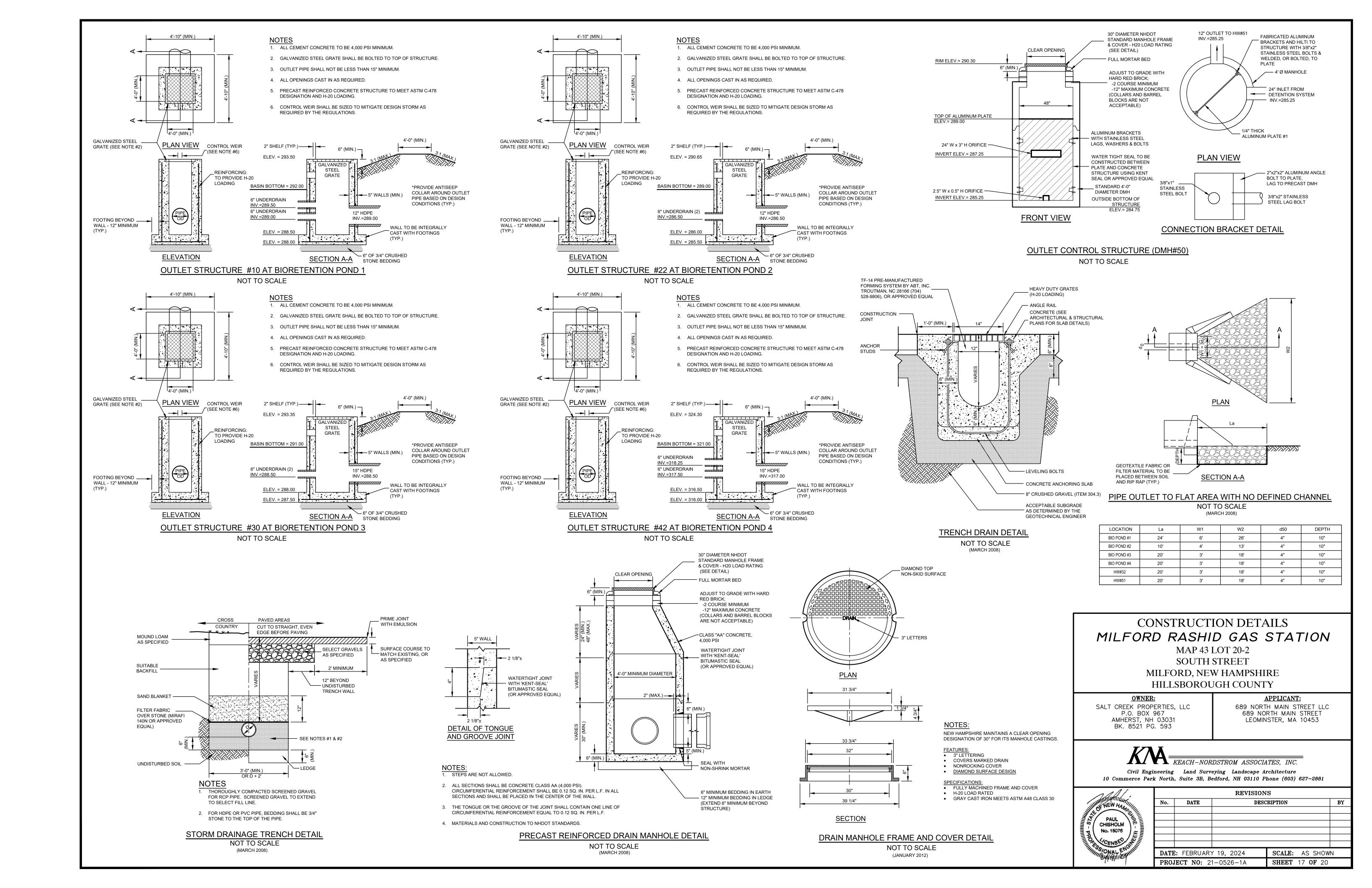


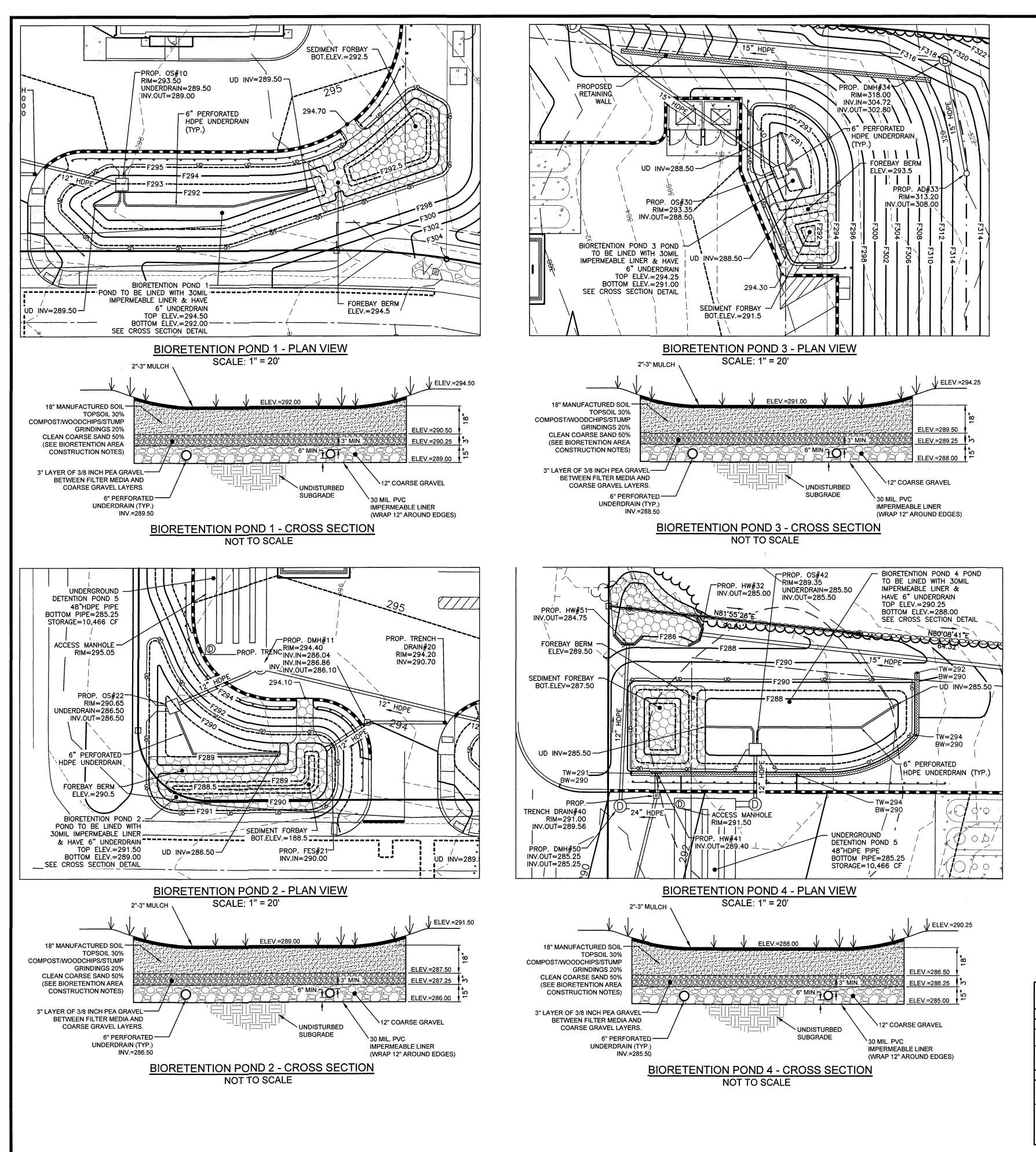
No.	DATE	DESCRIPTION		
				
DATE:	: FEBRUAR	19, 2024	SCALE: $1" = 30'$	
PROJ	ECT NO: 2	I-0526-1A	SHEET 13 OF 20	

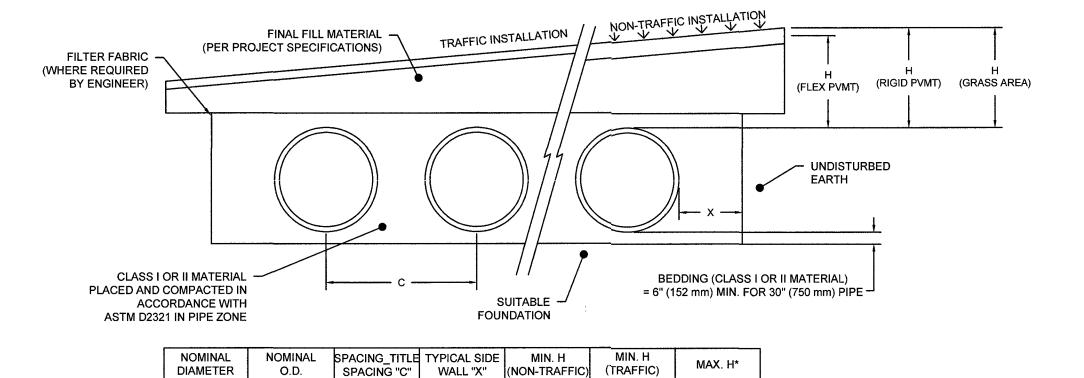












(1200 mm) (1372 mm) (1981 mm) (457 mm) (305 mm) (2.4 m)

* MAXIMUM FILL HEIGHTS OVER MANIFOLD FITTINGS. CONTACT MANUFACTURER'S REPRESENTATIVE FOR

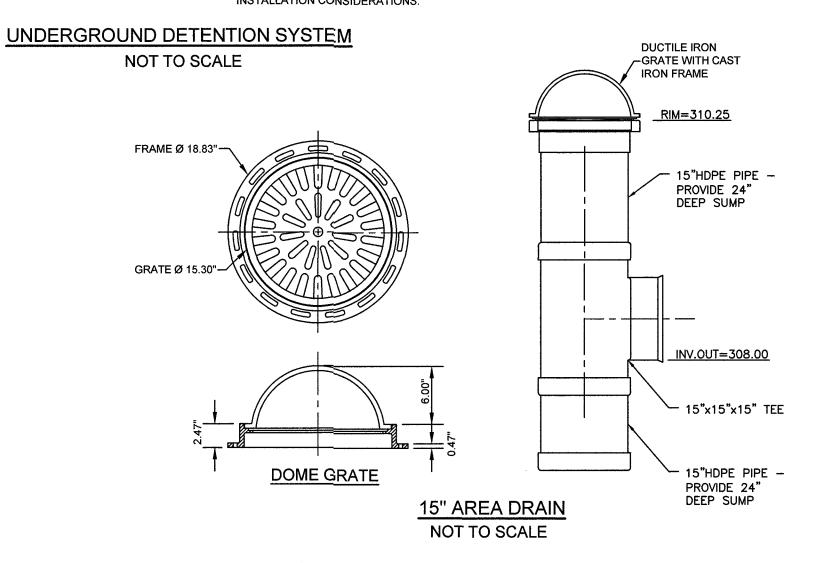
INSTALLATION CONSIDERATIONS WHEN COVER EXCEEDS 8 FT (2.4 m).

NOTES:

- 1. ALL REFERENCES TO CLASS I OR II MATERIAL ARE PER ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
- 2. ALL RETENTION AND DETENTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, LATEST EDITION AND THE MANUFACTURER'S PUBLISHED INSTALLATION GUIDELINES.
- 3. MEASURES SHOULD BE TAKEN TO PREVENT THE MIGRATION OF NATIVE FINES INTO THE BACKFILL MATERIAL, WHEN REQUIRED. SEE ASTM D2321.
- 4. <u>FILTER FABRIC:</u> A GEOTEXTILE FABRIC MAY BE USED AS SPECIFIED BY THE ENGINEER TO PREVENT THE MIGRATION OF FINES FROM THE NATIVE SOIL INTO THE SELECT BACKFILL MATERIAL.
- 5. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE. THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- 6. <u>BEDDING:</u> SUITABLE MATERIAL SHALL BE CLASS I OR II. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (102 mm) FOR

4"-24" (100-600 mm); 6" (152 mm) FOR 30-60" (750-1500 mm).

- . <u>INITIAL BACKFILL:</u> SUITABLE MATERIAL SHALL BE CLASS I OR II IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" (152 mm) ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
- 8. COVER: MINIMUM COVER OVER ALL RETENTION/DETENTION
 SYSTEMS IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE
 AREAS) IS 12" (305 mm) FROM TOP OF PIPE TO GROUND SURFACE.
 ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATATION.
 FOR TRAFFIC APPLICATIONS, MINIMUM COVER IS 12" (305 mm) UP TO
 36" (900 mm) DIAMETER PIPE AND 24" (610 mm) OF COVER FOR 42-60"
 (1050-1500 mm) DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO
 BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.
 MAXIMUM FILL HEIGHT LIMITED TO 8 FT (2.4 m) OVER FITTINGS FOR
 STANDARD INSTALLATIONS. CONTACT A SALES REPRESENTATIVE
 WHEN MAXIMUM FILL HEIGHTS EXCEED 8 FT (2.4 m) FOR
 INSTALLATION CONSIDERATIONS.



BIORETENTION NOTE:

- DO NOT PLACE THE BIORETENTION SYSTEMS INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
 DO NO DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF, WATER FROM EXCAVATIONS, ETC) TO THE BIORETENTION AREAS DURING ANY STAGE OF CONSTRUCTION.
- DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM.

	PERCENT OF	GRADATION OF MATERIAL			
COMPONENT MATERIAL	MIXTURE BY VOLUME	SIEVE NO.	PERCENT BY WEIGHT PASSING STANDARD SIEVE		
	FILTER MEDIA O	PTION 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		
FILTER MEDIA OPTION B					
MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH, WITH FINES AS INDICATED	20 TO 30	200	<5		
	70 TO 80	10	85 TO 100		
LOAMY COARSE SAND		20	70 TO 100		
LOVINI GOARGE SAIND		60	15 TO 40		
		200	8 TO 15		

CONSTRUCTION DETAILS MILFORD RASHID GAS STATION

MAP 43 LOT 20-2 SOUTH STREET MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY

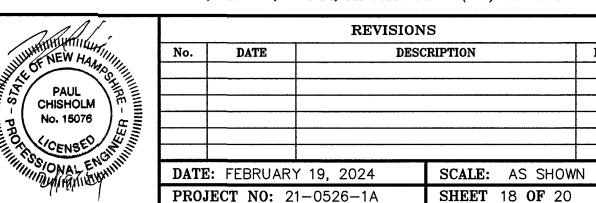
<u>owner:</u>				
SALT CREEK PROPERTIES,	LLC			
P.O. BOX 967				
AMHERST, NH 03031				
BK. 8521 PG. 593				

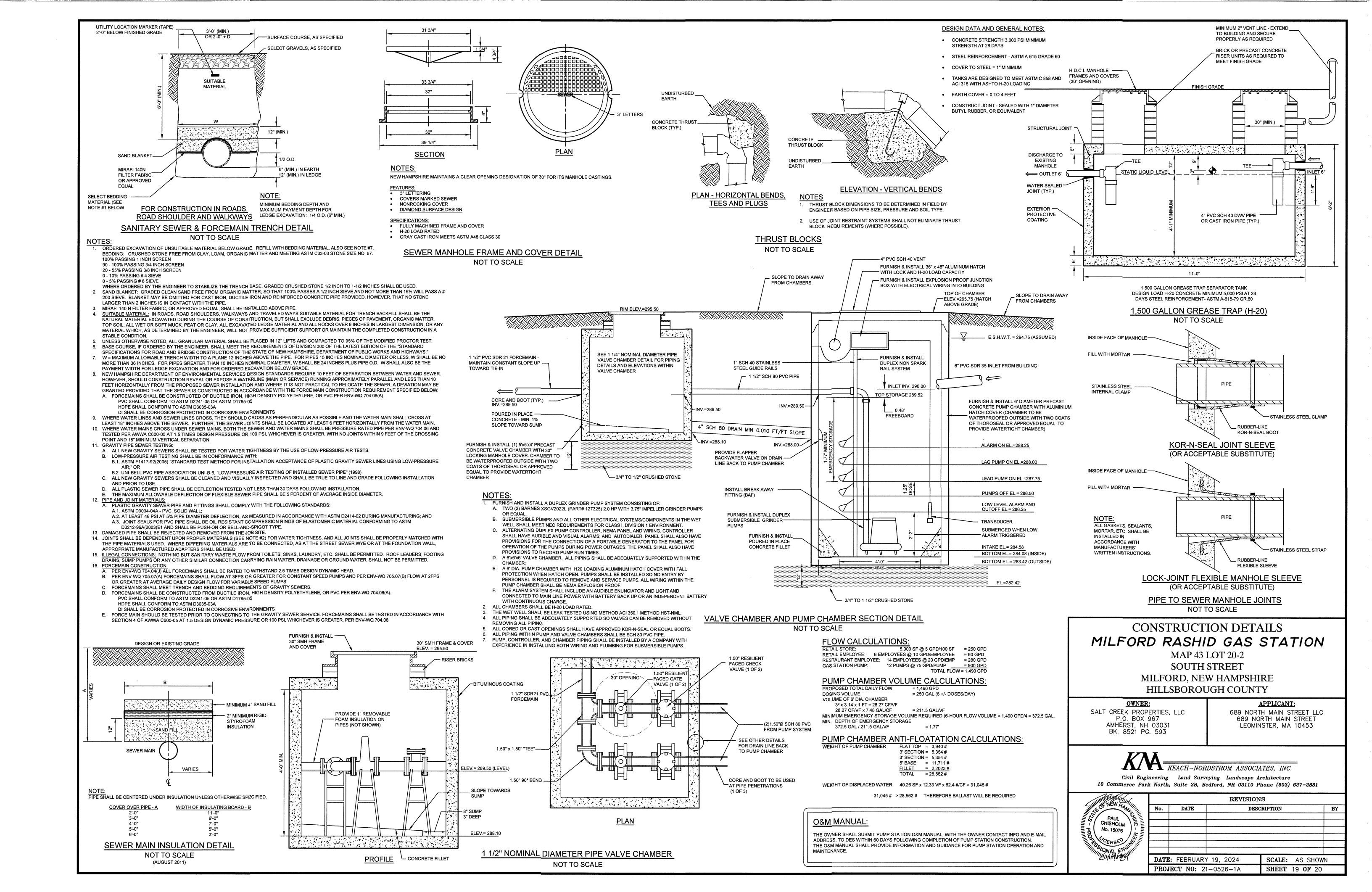
APPLICANT:
689 NORTH MAIN STREET LLC
689 NORTH MAIN STREET
LEOMINSTER, MA 10453

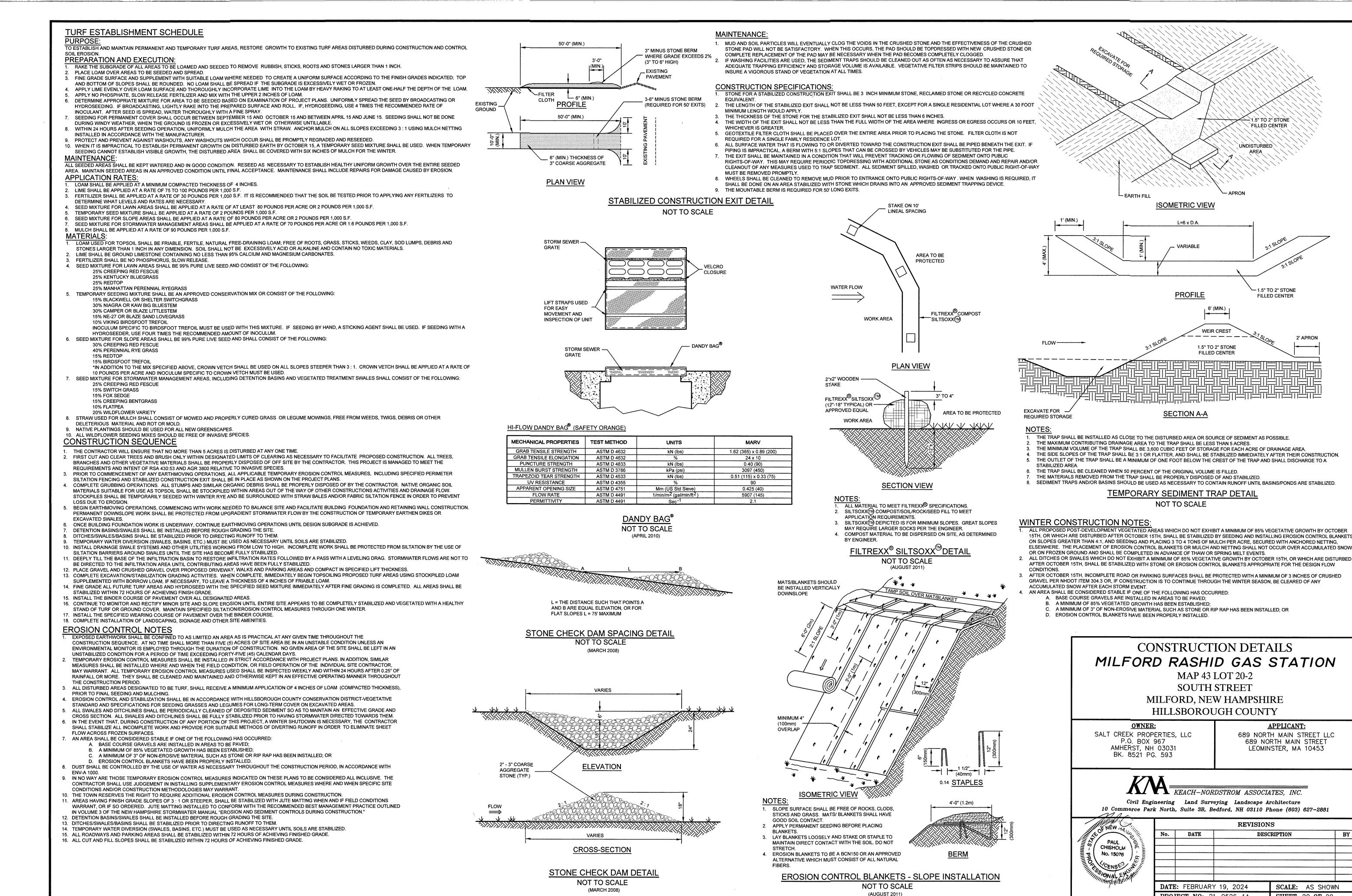
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KEACH-NORDSTROM ASSOCIATES, INC.

Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881







PROJECT NO: 21-0526-1A

SHEET 20 **OF** 20