

CITY OF LOWELL

PETITION

CITY COUNCIL
Conduit Location

Service

TD Systems One

*To install 48 telecom conduits underground
and ducts on Webster St. intersection
of Dix & Morse St.*

In City Council

April 2, 2019

Read and hearing ordered for 7PM on

April 30, 2019

Read, Hearing Held,
Referred to Wire In-
spector, Development
Services

City Clerk

Review of Utility Company Request for New Conduit/Pole Location

Applicant Information

Project Address

Utility Gas Electric Telephone/com

953 Gorham St

(circle one) Other

Lowell, MA

Reason

Create connections between aerial + underground systems to extend network

Date Submitted 3/19/19

Review done by JC

Sidewalk Material

Concrete Asphalt Other

Note: material to be replaced in kind (Concrete in full panels)

Sidewalk Vaults present Y N

Work on Street under a Paving Moratorium Y N

Is this location within the Flood Plain? Y N

Are ADA requirements being met? Y N

Comments

Gorham St is under moratorium until 2021. Sidewalks are new concrete, will need special approval + resurvation for a street opening permits.

Outcome of Review

Approved

Approved With
Comments

Denied

Christine Clancy, P.E.
City Engineer

Christine Clancy



March 19, 2019

Mr. Michael Geary
City Clerk
Lowell City Hall
375 Merrimack Street
Lowell, MA 01852

**RE: TC Systems, Inc.
Petition for Underground Conduit Installation – Two Locations on Gorham Street**

Dear Mr. Geary,

On behalf of TC Systems, Inc., an affiliate of AT&T, Siena Engineering Group is petitioning for approval to install two telecommunications conduits on Gorham St in Lowell; one at the intersection of Dix and Moore St, about 28' long, and another across the intersection of Manchester St, about 42' long. Our proposal is for one (1) four-inch PVC conduit to be installed at each location, between an existing Verizon manhole and utility pole on each side of the railroad bridge. This will create a connection between the existing underground and aerial systems by means of a riser attachment on each pole, allowing cable to be installed underneath the railroad bridge, where aerial telecom cables cannot be hung. The proposed cable will be able to service cell sites and multiple potential customers in the area, which would not be possible without creating this connection.

Please find attached three sets (six plans in total) of fully developed engineering drawings, detailing our proposed installations and standard restoration details. Should you require additional information or wish to discuss the project more thoroughly, please contact me at (781) 221-8400 x7005 or adam.heller@sienaengineeringgroup.com.

Sincerely,

SIENA ENGINEERING GROUP, INC.

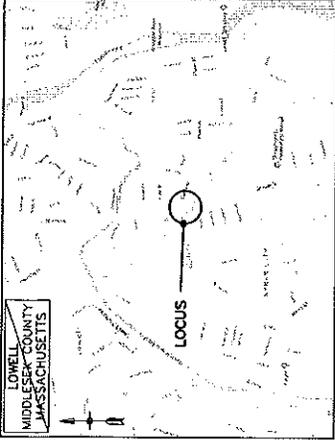
Adam Heller

Adam Heller
Permit Engineer

MAR 19 '19 PM 6:02
ENGINEERS

50 Mall Road, Suite 203 Burlington, MA 01803 p 781.221.8400 f 781.221.7117

www.sienaengineeringgroup.com



VICINITY MAP
NOT TO SCALE

TC SYSTEMS, INC
An Affiliate of **AT&T**

PROPOSED CONDUIT PLACEMENT GORHAM STREET AT MOORE STREET & DIX STREET LOWELL, MASSACHUSETTS

CONDUIT CONSTRUCTION PLANS
MIDDLESEX COUNTY
MARCH 13, 2019
PERMIT ISSUE

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PREPARED FOR RECORD

APPROVED FOR: [Signature]
 DATE: [Date]

TC SYSTEMS, INC
 An Affiliate of AT&T

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PROJECT NUMBER: [Number]
 DRAWING NUMBER: [Number]
 SHEET NUMBER: [Number]
 SCALE: [Scale]

GORHAM STREET AT
 MOORE STREET & DIX STREET
 DORVILL, VA

LIST OF DRAWINGS
 PT001

LIST OF DRAWINGS

PT001	COVER
PT002	LIST OF DRAWINGS
DN001	LEGEND & REFERENCES
DT001	PROPOSED CONDUIT PLACEMENT PLAN
DT002	TYPICAL TRENCH & SURFACE RESTORATION DETAILS
	TYPICAL UTILITY POLE RISER & MANHOLE BREAKOUT DETAIL

PLANIMETRIC SYMBOL & LINETYPE LEGEND

UP -○-	UTILITY POLE
GM ⊗	GAS METER
GC ⊕	GAS VALVE
TMH ○	TELEPHONE MANHOLE
WM ⊞	WATER METER
HYD ⊙	2-NOZZLE FIRE HYDRANT
HYD ⊙	3-NOZZLE FIRE HYDRANT
WG ⊗	WATER GATE
CO ○	SEWER CLEAN OUT
SMH ○	SEWER MANHOLE
DMH ○	DRAIN MANHOLE
CB □	CATCH BASIN
VZ MH ○	VERIZON MANHOLE
⊔	SIGN
LP ⊗	LIGHT POLE
■	AT&T HANDHOLE

—○—	OVERHEAD WIRES
—E—	BURIED ELECTRIC LINE
—T—	BURIED TELEPHONE LINE
—TV—	BURIED CABLE TV LINE
—SAN—	SANITARY SEWER LINE
—SD—	STORM DRAIN LINE
—W—	WATER LINE
—C—	GAS LINE
—	PROPOSED BURIED CONDUIT

REFERENCES & NOTES

1. ELECTRIC UTILITY INFORMATION PER RECORD PLANS PROVIDED BY NATIONAL GRID.
2. TELECOM UTILITY INFORMATION PER RECORD PLANS PROVIDED BY VERIZON, LEVEL(3), AT&T, COMCAST AND TDC.
3. GAS UTILITY INFORMATION PER RECORD PLANS PROVIDED BY NATIONAL GRID.
4. WATER, SEWER & DRAIN UTILITY INFORMATION PER RECORD PLANS PROVIDED BY CITY OF LOWELL.



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PREPARED FOR RECORD
DATE: 1/20/2019
DRAWN BY: JCC
CHECKED BY: JCC
SCALE: AS SHOWN

TC SYSTEMS, INC
An Affiliate of AT&T



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OWNER: TC SYSTEMS, INC
PROJECT NUMBER: 16-1200
CABLE CALL: 1-800-433-8339

SCALE: AS SHOWN

GORHAM STREET AT
MOORE STREET & DIX STREET
LOWELL, MA

LEGEND & REFERENCES

PT002

LOWELL
MIDDLESEX COUNTY
MASSACHUSETTS



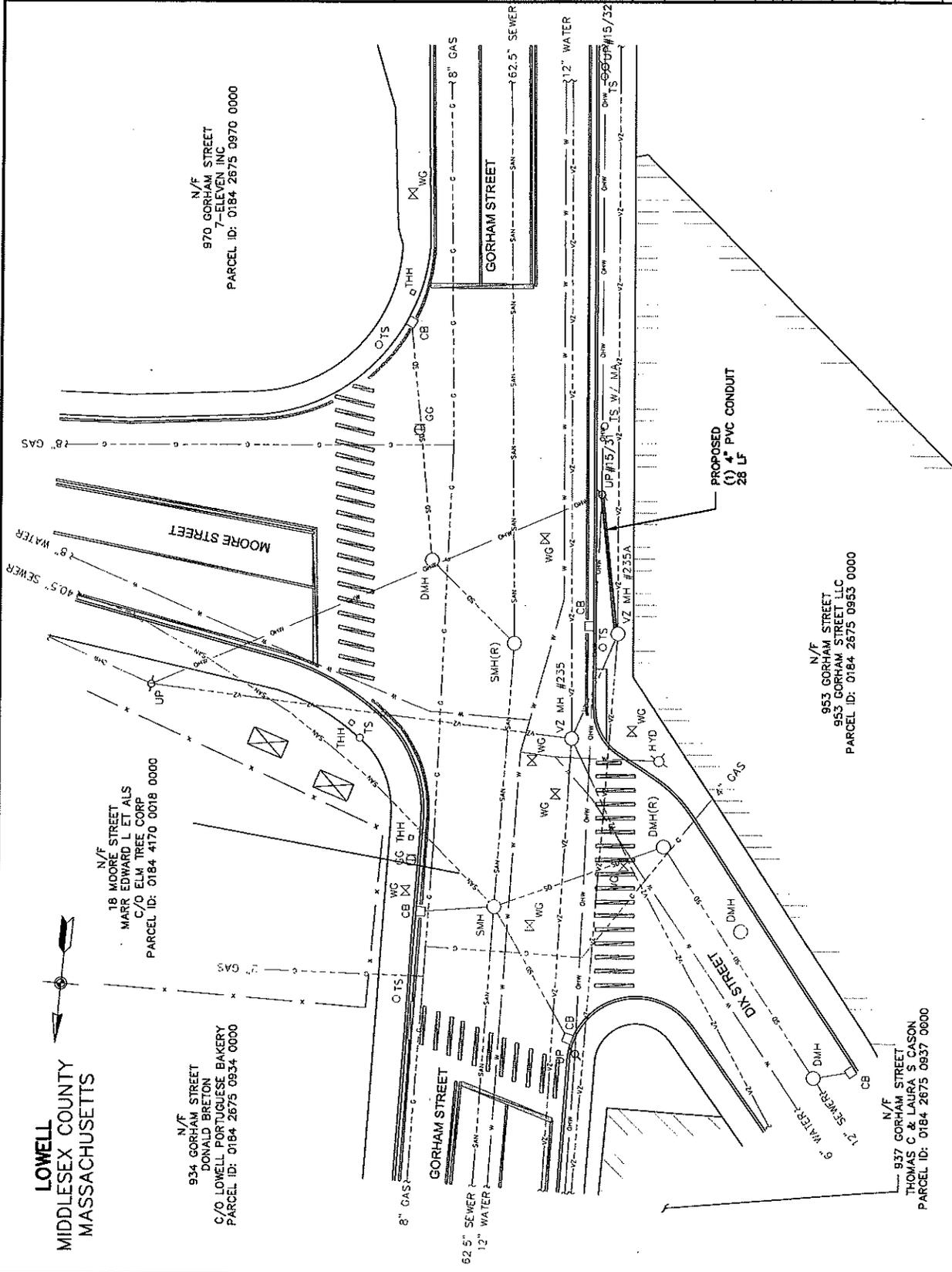
N/F
18 MOORE STREET
MARR EDWARD L ET ALS
C/O ELM TREE CORP
PARCEL ID: 0184 4170 0018 0000

N/F
934 GORHAM STREET
DONALD BRETON
C/O LOWELL PORTUGUESE BAKERY
PARCEL ID: 0184 2675 0934 0000

N/F
970 GORHAM STREET
7-ELEVEN INC
PARCEL ID: 0184 2675 0970 0000

N/F
953 GORHAM STREET
953 GORHAM STREET LLC
PARCEL ID: 0184 2675 0953 0000

N/F
937 GORHAM STREET
THOMAS C & LAURA S CASON
PARCEL ID: 0184 2675 0937 0000



DATE: 11/15/2019 10:47 AM
SCALE: 1" = 20'

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NOTES:
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DATE: 11/15/2019 10:47 AM

APPROVED FOR:
DATE: 11/15/2019 10:47 AM

TC SYSTEMS, INC
An Affiliate of AT&T



PROPRIETARY
SIENA ENGINEERING GROUP, INC.
14-12200 gorham street build WS.dwg

PROJECT NUMBER:
LINE CODE:
CABLE CUI:

SCALE: 1" = 20'

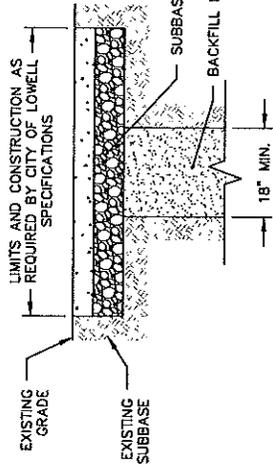
GORHAM STREET AT
MOORE STREET & DIX STREET
LOWELL, MA

PROPOSED CONDUIT
PLACEMENT PLAN

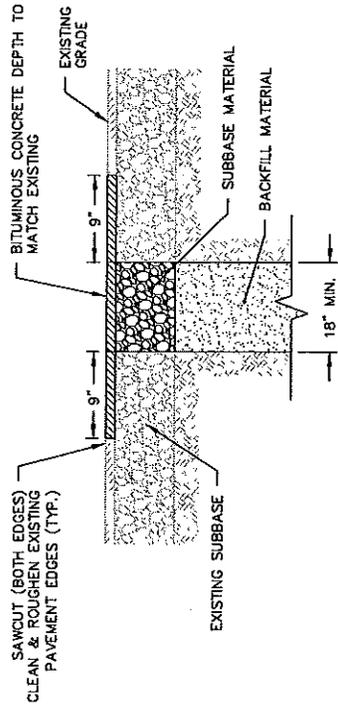
DN001

SIENA ENGINEERING GROUP, INC.
14-12200 gorham street build WS.dwg
Printed: March 15, 2019 - 2:15 PM by Joseph Connor - Siena.cjb
Date: 11/15/2019 10:47 AM

RESTORATION REQUIREMENTS:
 SUBBASE & TRENCH BACKFILL SHALL
 CONFORM TO CITY OF LOWELL
 SPECIFICATIONS FOR MATERIAL,
 PLACEMENT & COMPACTION.

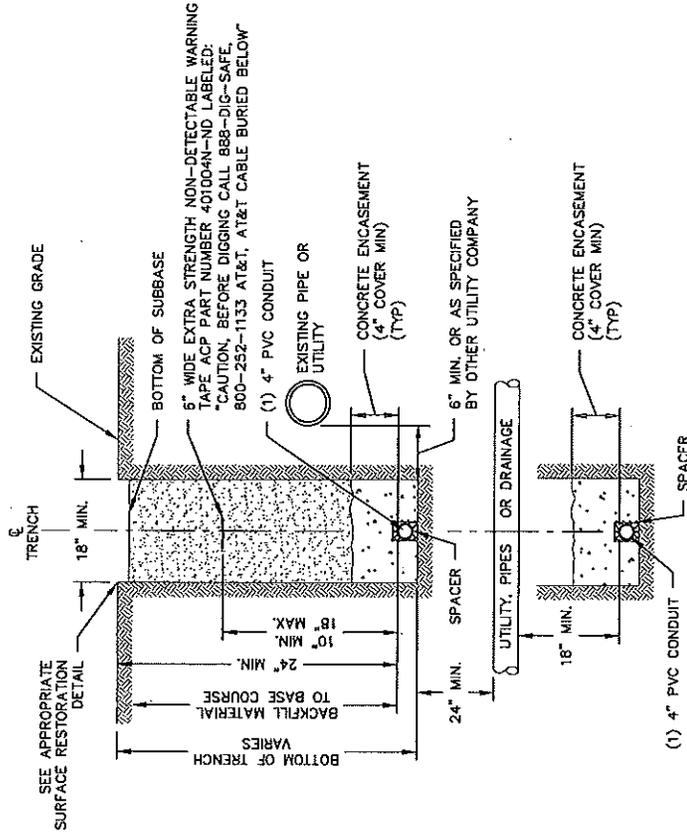


**CONCRETE SIDEWALK
 RESTORATION DETAIL**
 NOT TO SCALE



**BITUMINOUS CONCRETE
 ROADWAY RESTORATION DETAIL**
 NOT TO SCALE

NOTE:
 DEPTH SHALL VARY BASED UPON
 ENCOUNTERS WITH EXISTING UTILITIES.
 CONTRACTOR SHALL MAINTAIN A MINIMUM OF
 24" DEPTH OF COVER. IF 24" MINIMUM
 DEPTH OF COVER CANNOT BE ACHIEVED,
 CONSULT W/ ENGINEER.
 TRENCH WIDTH DIMENSIONS SHOWN FOR
 CLARITY. ACTUAL WIDTH WILL DEPEND ON
 FIELD CONDITIONS.



TYPICAL TRENCH DETAIL
 NOT TO SCALE

<p>REFERENCE: 1. LOWELL CITY PUBLIC WORKS DEPT.</p>	<p>DATE: 03/15/2019</p>
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<p>SCALE: AS NOTED</p>	
<p>GORHAM STREET AT MOORE STREET & DIX STREET LOWELL, MA</p>	
<p>TYPICAL TRENCH AND SURFACE RESTORATION DETAILS</p>	
<p>DT001</p>	

Google Maps 953 Gorham St

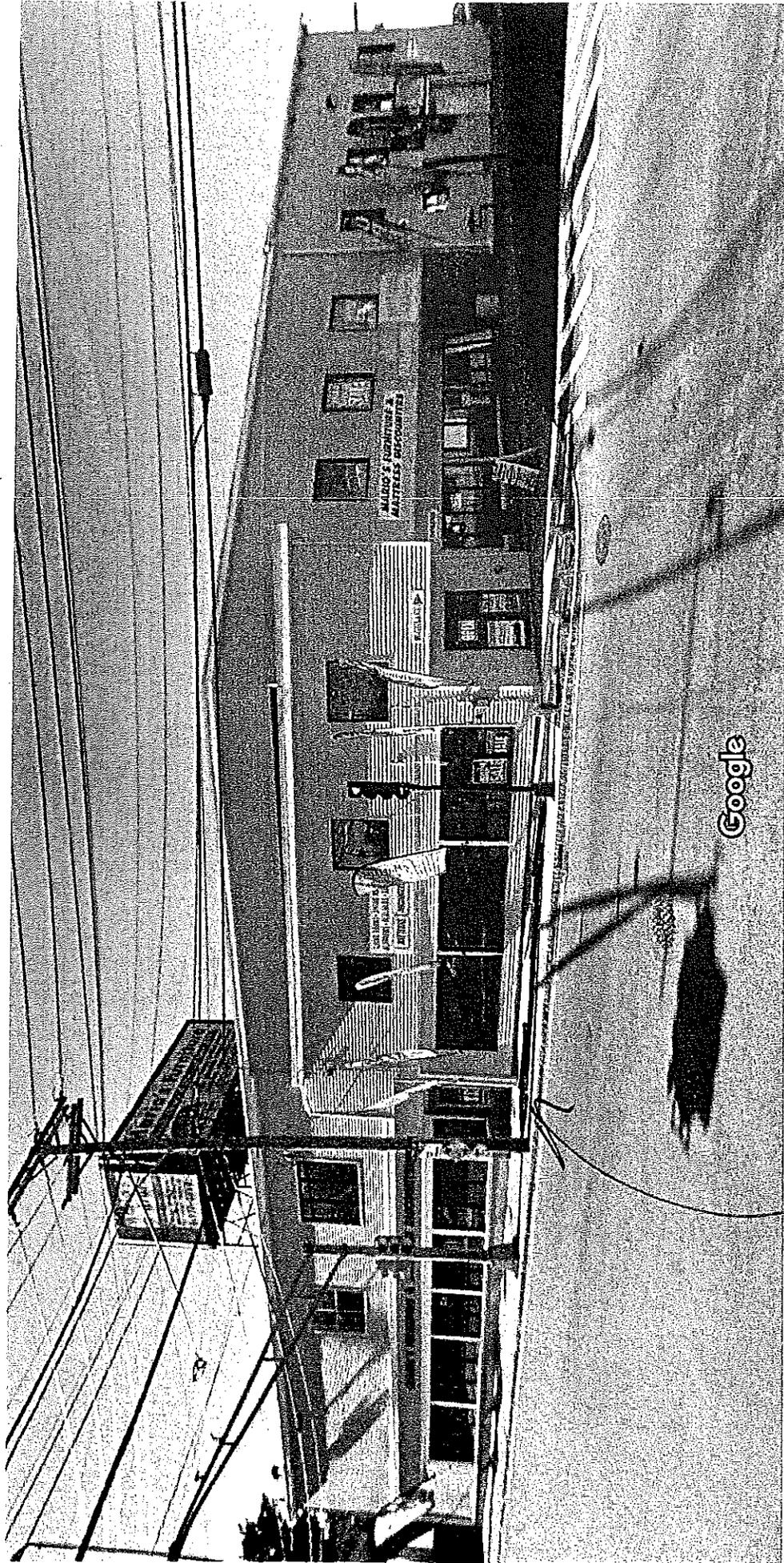
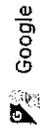


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Lowell, Massachusetts



Street View - Nov 2018

Location of work

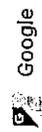
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Google Maps 934 Gorham St



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Lowell, Massachusetts



Street View - Nov 2018

