CONSTRUCTION NOTIFICATION WORK IN YOUR NEIGHBORHOOD



PROJECT SSR 2024-04: 2024 PRE-LINING MANHOLE IMPROVEMENTS

PROJECT AREA: NEW HAVEN - WARDS 1, 8, 10, 19 AND 23

PROJECT OVERVIEW

This Project includes manhole improvements to facilitate the rehabilitation of approximately 5,600 feet of brick sanitary sewer pipes built prior to 1900 and ranging in size from 20"x30" to 48". The manholes that require work are on Derby Ave (3 locations), Canner St (5 locations), Elm St (2 locations), and East St (1 location). Enclosed are a project map and individual location maps for general reference. This work prepares access for the Cured-in-Place Pipe (CIPP) lining project scheduled for to begin in June. This work will be notified under separate cover.

BENEFITS

- > Rehabilitates aging infrastructure, creating over 50 years of service life.
- > Significantly reduces the likelihood of unplanned projects due to infrastructure failure.
- > Allows for increased sewer flow capacity, decreasing the likelihood of sewer backups.
- > Reduces potential of damage to sewers from future utility construction projects.

IMPACTS

- > Some traffic restrictions and night work are expected.
- Parking restrictions may be required.
- > Traffic will be guided by construction signs and police/flagman as required per City requirements.
- > Contractors shall follow all City of New Haven Traffic and Parking protocol.

TIMING AND COORDINATION

Construction Start: April 2024 **Duration:** The manhole preparation project is expected to take approximately 3 months. **Schedule:** Mon-Fri from 7 am to 7 pm

*Due to dynamics of construction schedule, weather and ot factors, dates and times are subject to change.

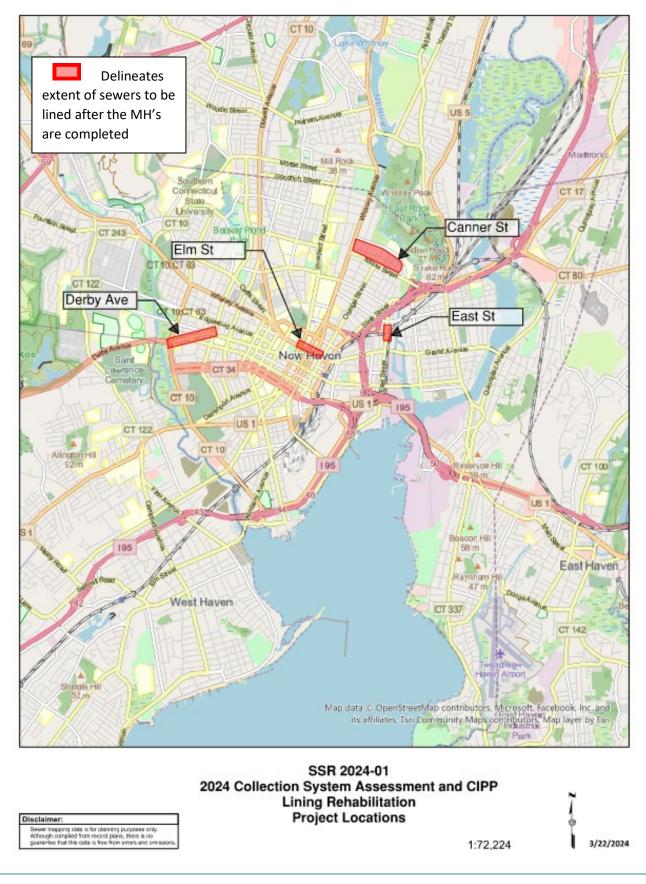
FOR MORE INFORMATION

Contact the Engineering Department at: 203-466-5280 <u>engineering@gnhwpca.com</u> or, visit the GNHWPCA website at www.gnhwpca.com

Sewer Emergencies (24/7) Call: 203-466-5260

GNHWPCA | 260 East Street | New Haven, CT 06511 | 203-466-5280 | www.gnhwpca.com

"To protect the environment, to serve the public and to maintain a reputation for quality and value"



GNHWPCA | 260 East Street | New Haven, CT 06511 | 203-466-5280 | www.gnhwpca.com

"To protect the environment, to serve the public and to maintain a reputation for quality and value"



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE THE REQUIRED MANHOLE RECONSTRUCTION IS UP TO 5 VERTICAL FEET (VF), CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

CANNER STREET @ WHITNEY AVE

PLAN 1" = 20'





Call before you dig Call 611 or visit www.cbyd.

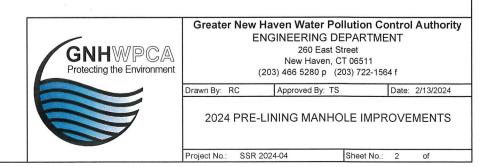
D LOCATION OF UNDERGROUND AND OTHER ILITIES IS NOT GUARANTEED TO BE ACCURATE OF L INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE G HIS OWN DETERMINATION AS TO THE



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE THE REQUIRED MANHOLE RECONSTRUCTION IS UP TO 5 VERTICAL FEET (VF), CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

CANNER STREET @ EVERIT STREET

PLAN 1" = 20'





now what's below Call before you dig. Call 811 or visit www.cbyd.com

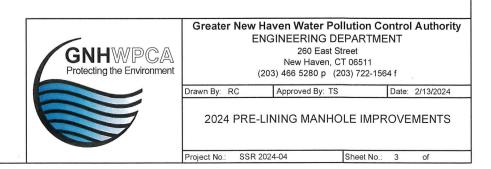
AND LOCATION OF UNDERGROUND AND OTHER JTILITIES IS NOT GUARANTEED TO BE ACCURATE OR LLL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE TYPE AND LOCATION OF UNDERGROUND AND C UTILITIES AS MAY BE NECESSARY TO AVOID DAN



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE THE REQUIRED MANHOLE RECONSTRUCTION IS UP TO 5 VERTICAL FEET (VF), CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

109 CANNER STREET

PLAN 1" = 20'





what's halow Call before you dig. Call 811 or visit www.cbyd.com

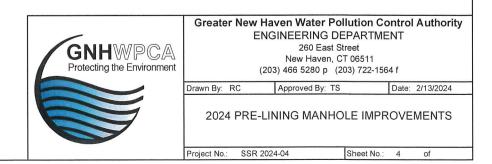
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATED OF UNDERGEDENING DUP OF UND THE AND LOGATION OF UNDERGROUND AND OTHE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE VERTICAL FEET (VF), CONTRACTOR SHALL RECONSTRUCT THE MANHOLE WITH PRECAST 4 FT DIAMETER MANHOLE RISERS AS NEEDED TO THE ELEVATION WHERE THE MANHOLE CONE WOULD BE INSTALLED. THE CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- 4
- INSTALL TEMPORARY TRAFFIC PLATE(S) AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, 5. CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

CANNER STREET @ ANDERSON STREET

PLAN 1" = 20'



THE REQUIRED MANHOLE RECONSTRUCTION IS GREATER THAN 5



Call before you dig Call 811 or visit www

NTEED TO BE ACCURATE ON OF UNDERGROUND AND O ILITIES AS MAY BE NECESSARY TO AVOID E



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE VERTICAL FEET (VF), CONTRACTOR SHALL RECONSTRUCT THE MANHOLE WITH PRECAST 4 FT DIAMETER MANHOLE RISERS AS NEEDED TO THE ELEVATION WHERE THE MANHOLE CONE WOULD BE INSTALLED. THE CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER. CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

CANNER STREET @ FOSTER STREET

PLAN 1" = 20'

THE REQUIRED MANHOLE RECONSTRUCTION IS GREATER THAN 5



Call before you dig. Call 811 or visit www.cbyd.com call two days in advance to locate sure

ON OF UNDERGROUND AND OTHER NOT GUARANTEED TO BE ACCURATE OR TON AS TO THE TYPE AND LOCATION OF UNDERGROUND AND UTILITIES AS MAY BE NECESSARY TO AVOID DAI



Greater New Haven Water Pollution Control Authority ENGINEERING DEPARTMENT 260 East Street New Haven, CT 06511 (203) 466 5280 p (203) 722-1564 f

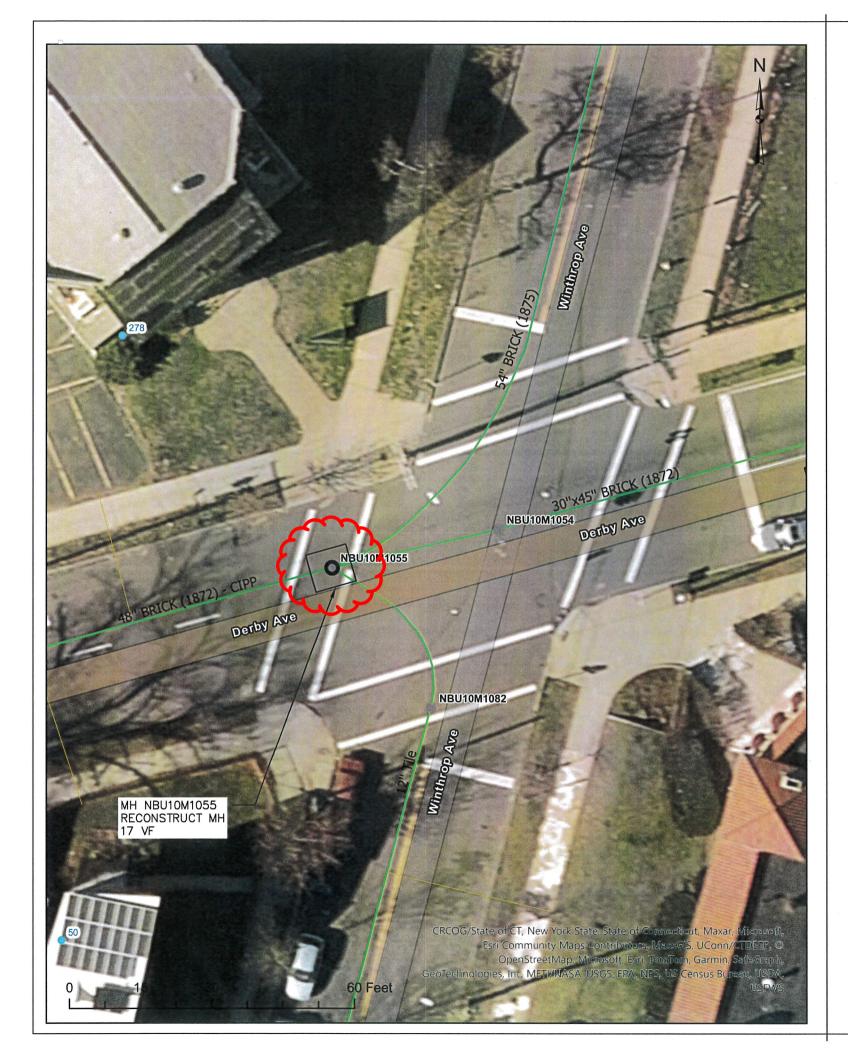
> Approved By: TS Date: 2/13/2024

2024 PRE-LINING MANHOLE IMPROVEMENTS

Project No.: SSR 2024-04

Sheet No.: 5

of



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- THE REQUIRED MANHOLE RECONSTRUCTION IS GREATER THAN 5 3. WHERE VERTICAL FEET (VF), CONTRACTOR SHALL RECONSTRUCT THE MANHOLE WITH PRECAST 4 FT DIAMETER MANHOLE RISERS AS NEEDED TO THE ELEVATION WHERE THE MANHOLE CONE WOULD BE INSTALLED. THE CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER. CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

DERBY AVENUE @ WINTHROP AVENUE

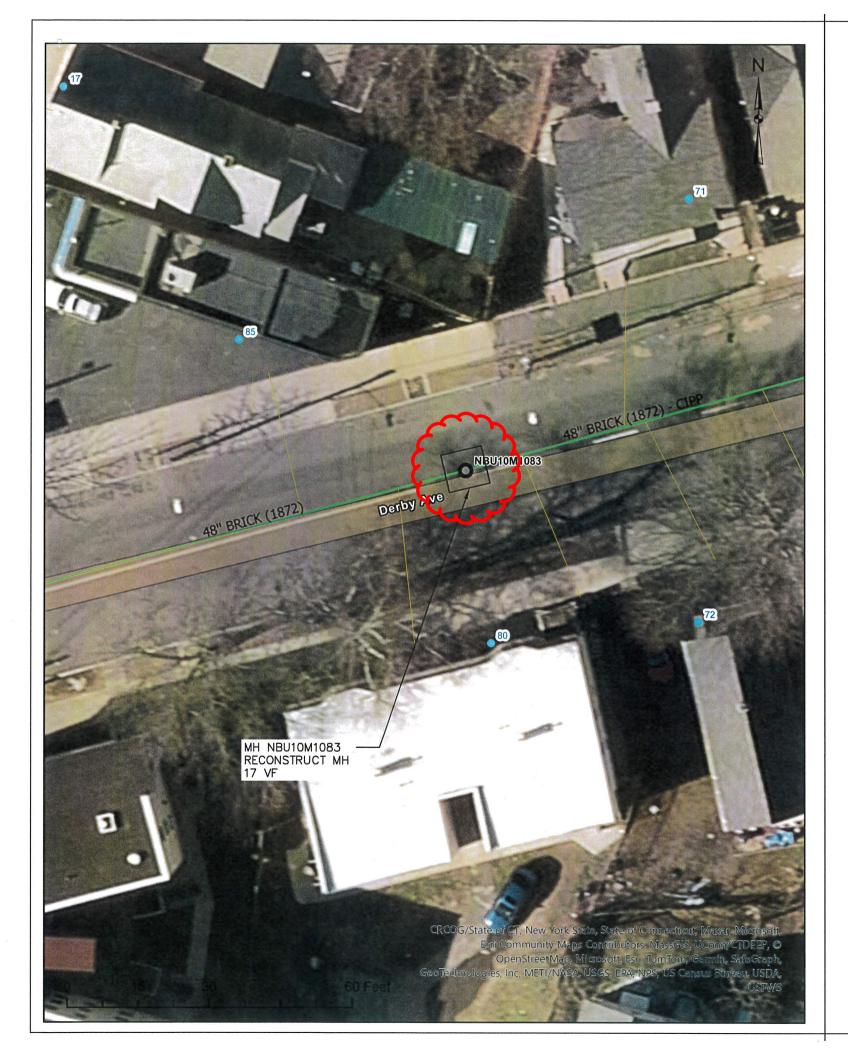
PLAN 1" = 20'





Call before you dig all 611 or visit ww

NTEED TO BE ACC OF UNDERGROUND AND OT ILITIES AS MAY BE NECESSARY TO AVOID D



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE VERTICAL FEET (VF), CONTRACTOR SHALL RECONSTRUCT THE MANHOLE WITH PRECAST 4 FT DIAMETER MANHOLE RISERS AS NEEDED TO THE ELEVATION WHERE THE MANHOLE CONE WOULD BE INSTALLED. THE CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, 5. CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

80 DERBY AVENUE

PLAN 1" = 20'

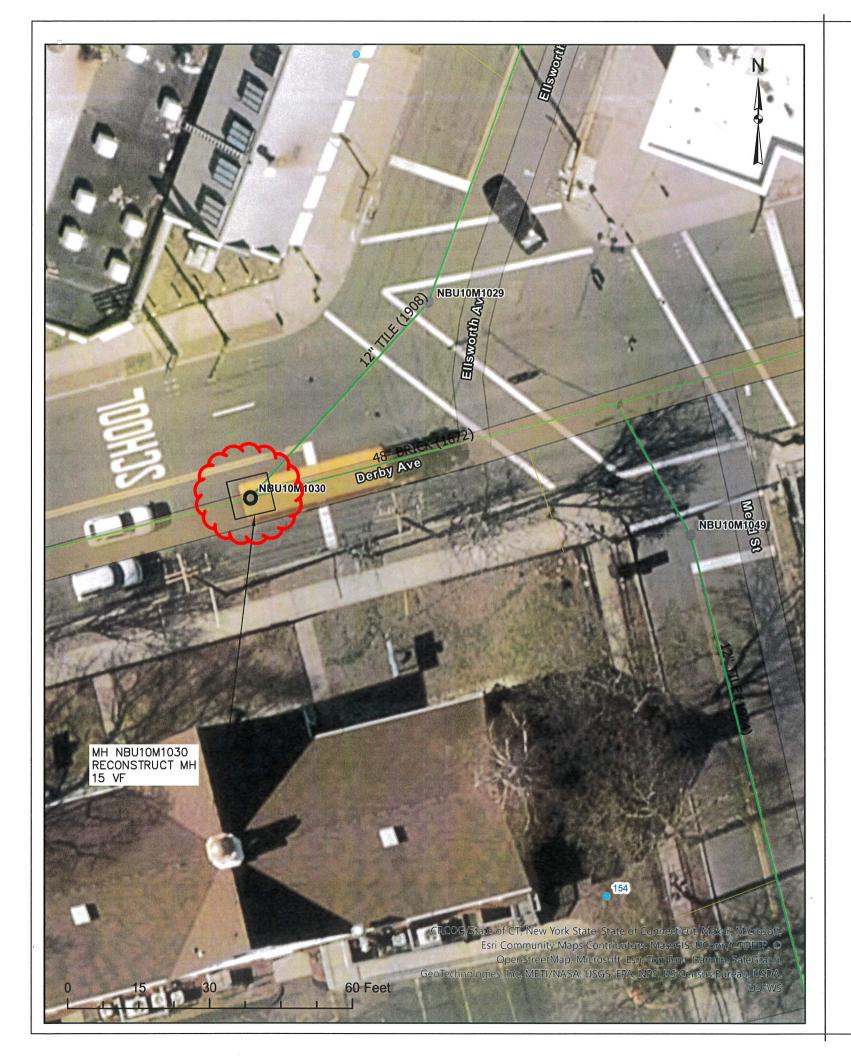


THE REQUIRED MANHOLE RECONSTRUCTION IS GREATER THAN 5



what's **below** Call before you dig. Call 811 or visit www

NOT GUARANTEED TO BE ACCURATE OF ION AS TO TH TON OF UNDERGRO ILITIES AS MAY BE NECESSARY TO AVOID



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE VERTICAL FEET (VF), CONTRACTOR SHALL RECONSTRUCT THE MANHOLE WITH PRECAST 4 FT DIAMETER MANHOLE RISERS AS NEEDED TO THE ELEVATION WHERE THE MANHOLE CONE WOULD BE INSTALLED. THE CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

DERBY AVENUE @ ELSWORTH AVENUE

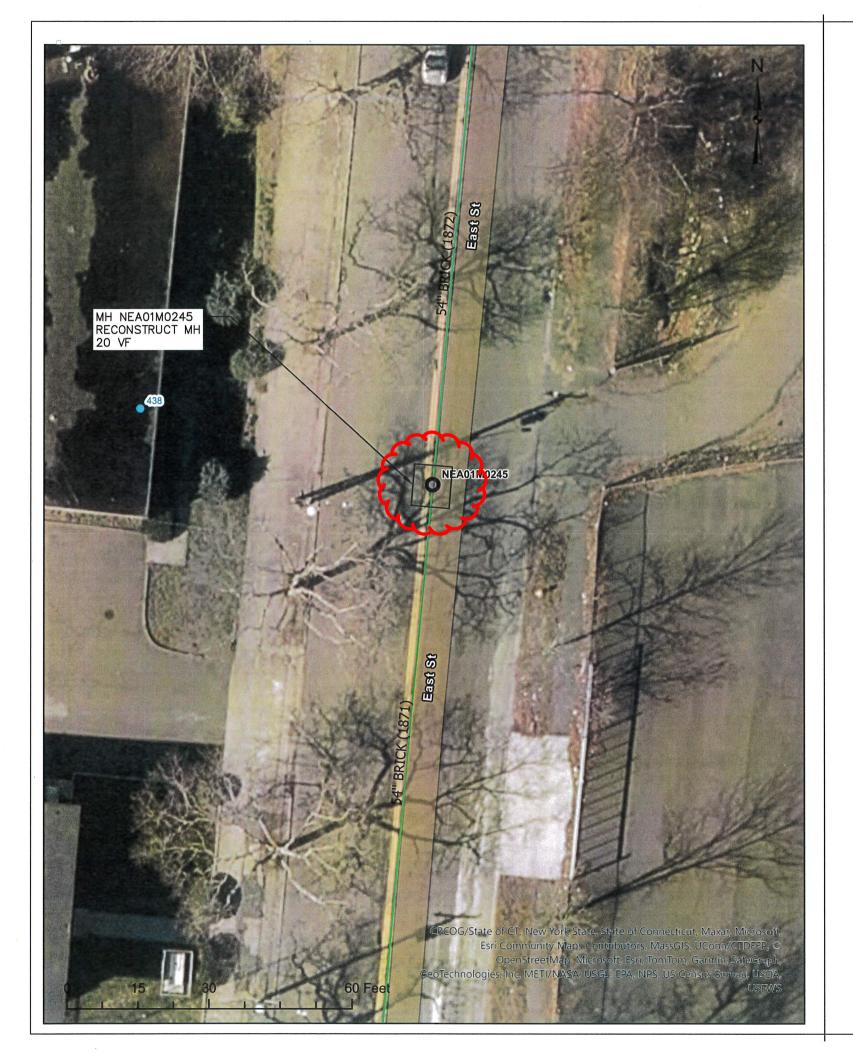
PLAN 1" = 20'



THE REQUIRED MANHOLE RECONSTRUCTION IS GREATER THAN 5



Call before you all 811 or visit www



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- WHERE 3. VERTICAL FEET (VF), CONTRACTOR SHALL RECONSTRUCT THE MANHOLE WITH PRECAST 4 FT DIAMETER MANHOLE RISERS AS NEEDED TO THE ELEVATION WHERE THE MANHOLE CONE WOULD BE INSTALLED. THE CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- 4.

PLAN

1" = 20'

- INSTALL TEMPORARY TRAFFIC PLATE(S) AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, 5. CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

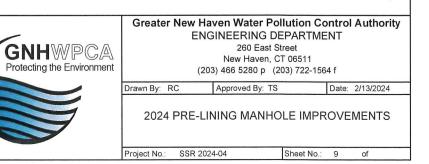
THE REQUIRED MANHOLE RECONSTRUCTION IS GREATER THAN 5

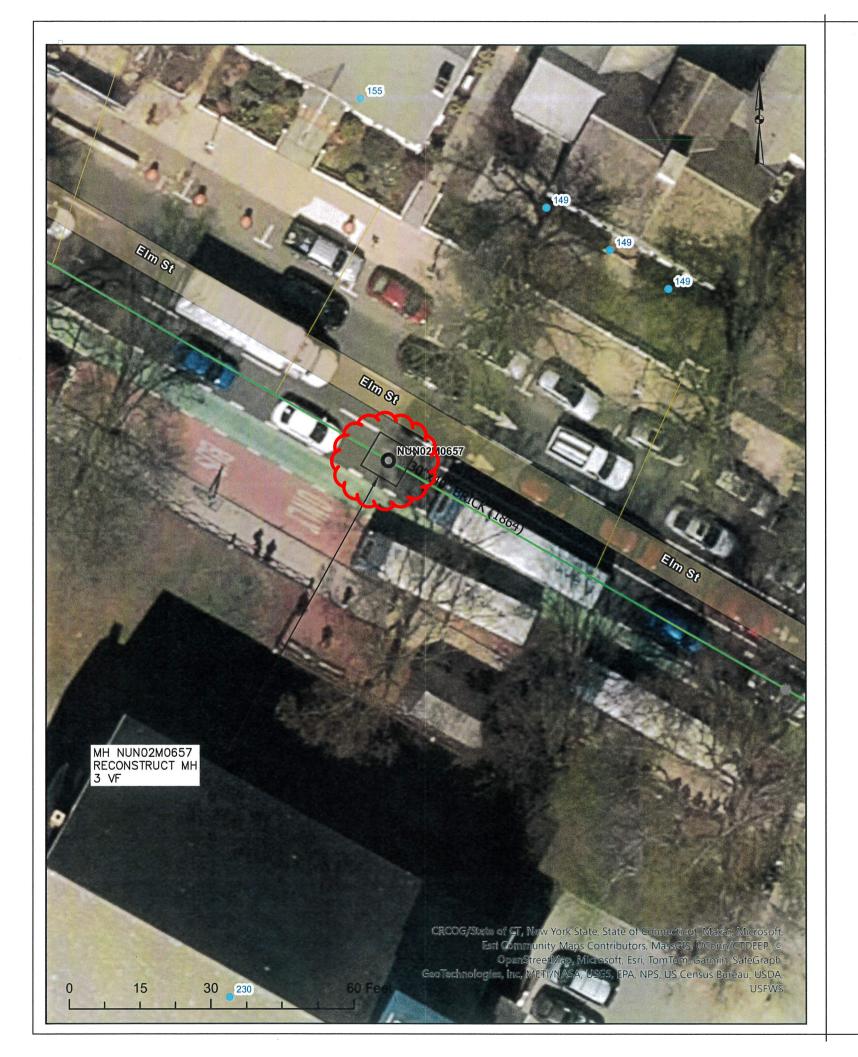
438 EAST STREET



Call before you dig. Call 811 or visit www

NTEED TO BE ACCURATE OR TION AS TO THE ITIES AS MAY BE NECESS.





- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE THE REQUIRED MANHOLE RECONSTRUCTION IS UP TO 5 VERTICAL FEET (VF). CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION. FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

149 ELM STREET

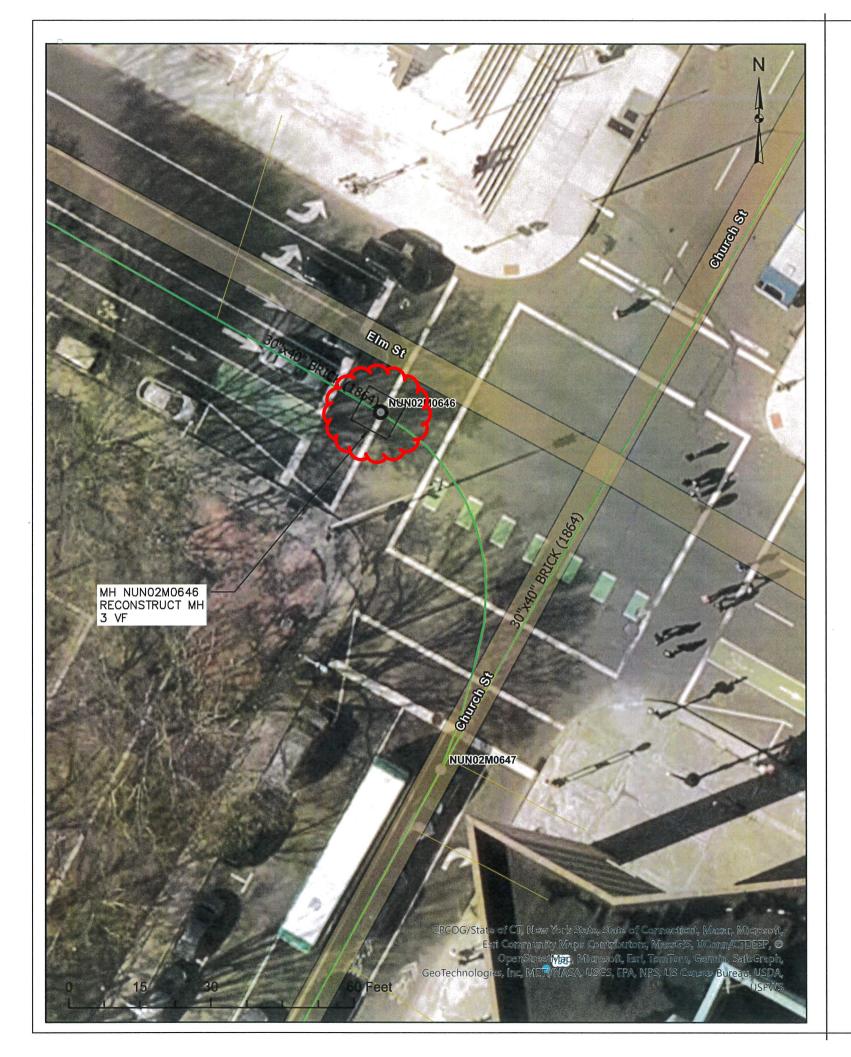
PLAN 1" = 20'





Call before you dig. Call 811 or visit www.cbyd.com

AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE O ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBIL TYPE AND LOCATION OF UNDERGROUND AND OTHE JTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE



- 1. CONTRACTOR SHALL SECURE PROJECT SITE AND IMPLEMENT TRAFFIC CONTROL PLAN BASED ON THE APPROPRIATE CITY OF NEW HAVEN CONSTRUCTION TRAFFIC CONTROL PLANS TEMPLATE.
- 2. EXCAVATE AND REMOVE THE EXISTING MANHOLE CONE/RISERS TO THE DEPTH SHOWN. CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INSIDE THE MANHOLE.
- 3. WHERE THE REQUIRED MANHOLE RECONSTRUCTION IS UP TO 5 VERTICAL FEET (VF), CONTRACTOR SHALL INSTALL A TEMPORARY 48" PVC PIPE RISER, CENTERED ON THE MANHOLE AND EXTENDING TO THE SURFACE OF THE ROAD, AND BACKFILL AROUND IT WITH STONE OR PROCESSED BASE.
- INSTALL TEMPORARY TRAFFIC PLATE(S)
 AFTER CIPP LINING REHABILITATION OF THE SANITARY SEWER PIPE BY OTHERS, CONTRACTOR SHALL COMPLETE THE RECONSTRUCTION OF THE MANHOLE PER GNHWPCA STANDARDS BY COMPLETING THE INSTALLATION OF THE MANHOLE CONE SECTION, FRAME AND COVER.
- 6. FINAL SITE RESTORATION AND PAVING PER CITY STANDARDS.

ELM STREET @ CHURCH STREET

PLAN

1" = 20'



Call before you dig. Call 811 or visit www.cbyd.com

ID LOCATION OF UNDERGROUND AND OTHER ILITIES IS NOT GUARANTEED TO BE ACCURATE OR L INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE KING HIS OWN DETERMINATION AS TO THE TION OF UNDERGROUND AND

