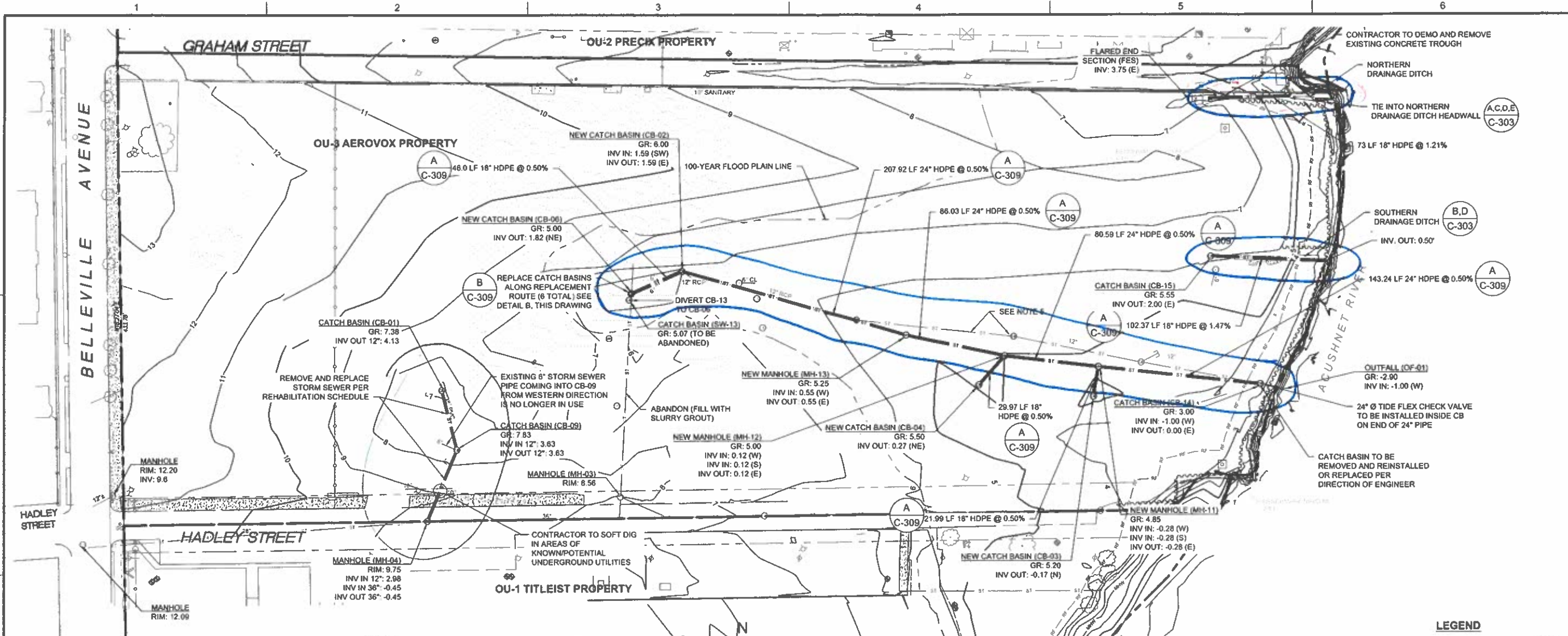






1 STORM SEWER MODIFICATIONS

SCALE 1" = 50'

0 50 100
SCALE IN FEET

STORM SEWER REACH	EXISTING NOMINAL PIPE DIAMETER	NEW PIPE DIAMETER	APPROXIMATE LENGTH (LF)	MATERIAL
CB-09 - CB-01	8	12	55	HDPE
CB-09 - MH-04	6	12	66	HDPE
CB-02 - CB-06	12	18	46	HDPE
MH-13 - CB-02	12	24	208	HDPE
MH-12 - MH-13	N/A	24	86	HDPE
MH-11 - MH-12	N/A	24	81	HDPE
CB-14 - MH-11	N/A	24	143	HDPE

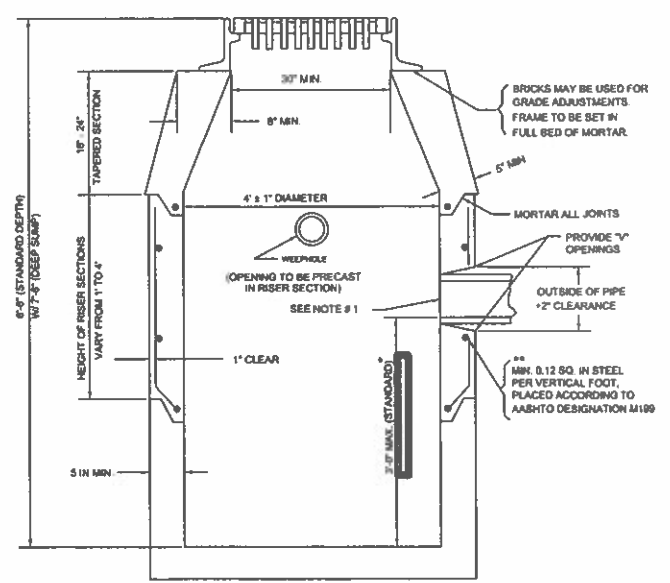
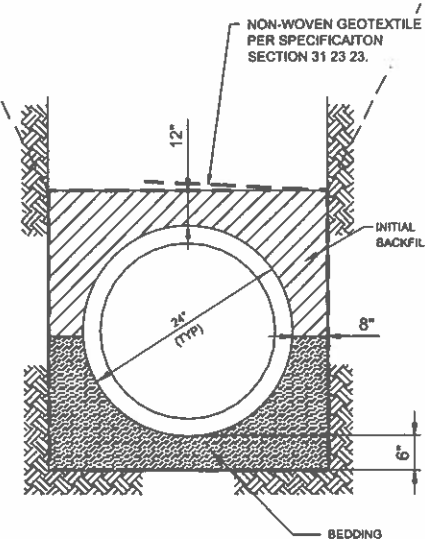
CB / MH	NORTHING	EASTING
CB-01	2706754.883	814801.13
CB-02	2706863.815	815021.4637
CB-03	2706748.821	815397.6175
CB-04	2706759.467	815292.8219
CB-06	2706843.334	814974.558
CB-09	2706700.255	814814.9582
CB-10	2707023.971	815536.1332
CB-14	2706759.963	815550.2004
CB-15	2706876.914	815505.2791
MH-03	2706657.326	814964.4051
MH-04	2706634.997	814787.6723
MH-11	2706776.013	815402.2093
MH-12	2706785.948	815316.5873
MH-13	2706805.23	815227.0062

- NOTES:
1. ALL STORM SEWERS MUST BE INSPECTED AND CLEANED PRIOR TO LINING.
 2. PROVIDE UV CURED CIPP LINER PER SECTION 33 01 30.72.
 3. REPLACE DESIGNATED STORM SEWER AND CATCH BASINS PER SECTIONS 33 05 13, 33 42 00, AND 33 44 13.
 4. LATITUDE AND LONGITUDE BASED ON: HARNNE Massachusetts State Planes, Mainland Zone, US Foot

- NOTES:
1. BEDDING AND INITIAL BACKFILL: SEE SPECIFICATION SECTION 31 23 00.
 2. SUBSEQUENT BACKFILL: SEE SPECIFICATION SECTION 31 23 00.

A STORM PIPE REPLACEMENT DETAIL

NOT TO SCALE



- NOTES:
1. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
 2. FOR DESCRIPTION, MATERIALS, AND CONSTRUCTION METHOD, SEE STANDARD SPECIFICATIONS.
 3. ALL CONCRETE TO BE AIR ENTRAINED.

B CATCH BASIN / MANHOLE DETAIL

NOT TO SCALE

- LEGEND
- GROUND ELEVATION CONTOUR (NAVD 88)
 - SHEETPILE BULKHEAD WALL
 - EXISTING STORM SEWER
 - STORM SEWER TO BE CIPP REHABILITATED OR REPLACED
 - CATCH BASIN
 - STORM MANHOLE

- NOTES:
1. SITE BOUNDARY SHOWN IS AS DEPICTED ON EXHIBIT 3, COOPERATION & SETTLEMENT AGREEMENT, AEROVOX PROPERTY.
 2. BASED ON FIGURE FROM DEPARTMENT OF ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS, DATED DECEMBER 2009, CURRENT RTN SITE BOUNDARY EXTENDS BEYOND AEROVOX PROPERTY.
 3. ALL INVERTS SHOWN ARE FOR PIPES. ALL SUMPS SHALL BE 2'-0" BELOW PIPE INVERTS.
 4. ANY STORM SEWER MODIFICATIONS BEYOND THE EXTENT OF THE SHEETPILE BULKHEAD WALL IS ASSUMED TO BE DONE BY OTHERS.
 5. EXISTING STORM SEWER PIPE SHALL BE DEMOLISHED WHERE IN CONFLICT WITH PROPOSED STORM SEWER SYSTEM INSTALLATION. ALL OTHER PIPE SHALL BE FILLED WITH FLOWABLE FILL AND ABANDONED IN PLACE. ALL EXISTING CATCH BASINS AND MANHOLES SHALL BE DEMOLISHED DOWN TO TWO FEET BELOW EXISTING SURFACE. HOLES DRILLED THROUGH THE BASE SLAB CONCRETE AT 6" ON CENTER AND FILLED WITH CRUSHED STONE AND ABANDONED BENEATH.

Brown and Caldwell
BROWN AND CALDWELL
101 INDUSTRIAL PARK ROAD, SUITE 205
TAUNTON, MASSACHUSETTS

ALAN R. KIRSCHNER
MA PROFESSIONAL ENGINEER
LIC NO. MA 32770

FORMER AEROVOX FACILITY
740 BELLEVILLE AVENUE
NEW BEDFORD, MA

REVISIONS		
REV	DATE	DESCRIPTION
1	7/10/20	ISSUED TO MASSDEP
2	4/7/21	REVISIONS IN RESPONSE TO US EPA COMMENTS
3	6/7/21	ISSUED FOR CONSTRUCTION
4	7/19/21	REVISIONS TO EXISTING CATCH BASIN THROUGHOUT FOR REMOVAL OF POWER JUNCTION
5	9/7/21	REVISE NORTH DRAINAGE DITCH/ROADWAY PLAN
6	3/10/22	REVISE CB-01 TO MH-04 TO BE REPLACED
7	7/20/22	WCD-008

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: J. SPADT / B. PAULSEN

DRAWN: A. SANTIAGO

CHECKED: K. DYSON

CHECKED: D. VARJABEDIAN

APPROVED: M. WADE

FILENAME
C-309.DWG

BC PROJECT NUMBER
155041

CLIENT PROJECT NUMBER

CIVIL

AEROVOX STORM SEWER MODIFICATIONS PLAN

DRAWING NUMBER
C-309

SHEET NUMBER
24 OF 47

ALAN R. KIRSCHNER
MA PROFESSIONAL ENGINEER
LIC NO. MA 32770

FORMER AEROVOX FACILITY
740 BELLEVILLE AVENUE
NEW BEDFORD, MA

REVISIONS		
REV	DATE	DESCRIPTION
1	7/19/20	ISSUED TO MASSDEP
2	5/7/21	ISSUED FOR CONSTRUCTION
3	9/7/21	REVISE NORTH DRAINAGE SWALE

DESIGNED: J. SPADT
DRAWN: A. SANTIAGO
CHECKED: K. DYSON
APPROVED: M. WADE
FILENAME: C-303.DWG
BC PROJECT NUMBER: 155041
CLIENT PROJECT NUMBER: —

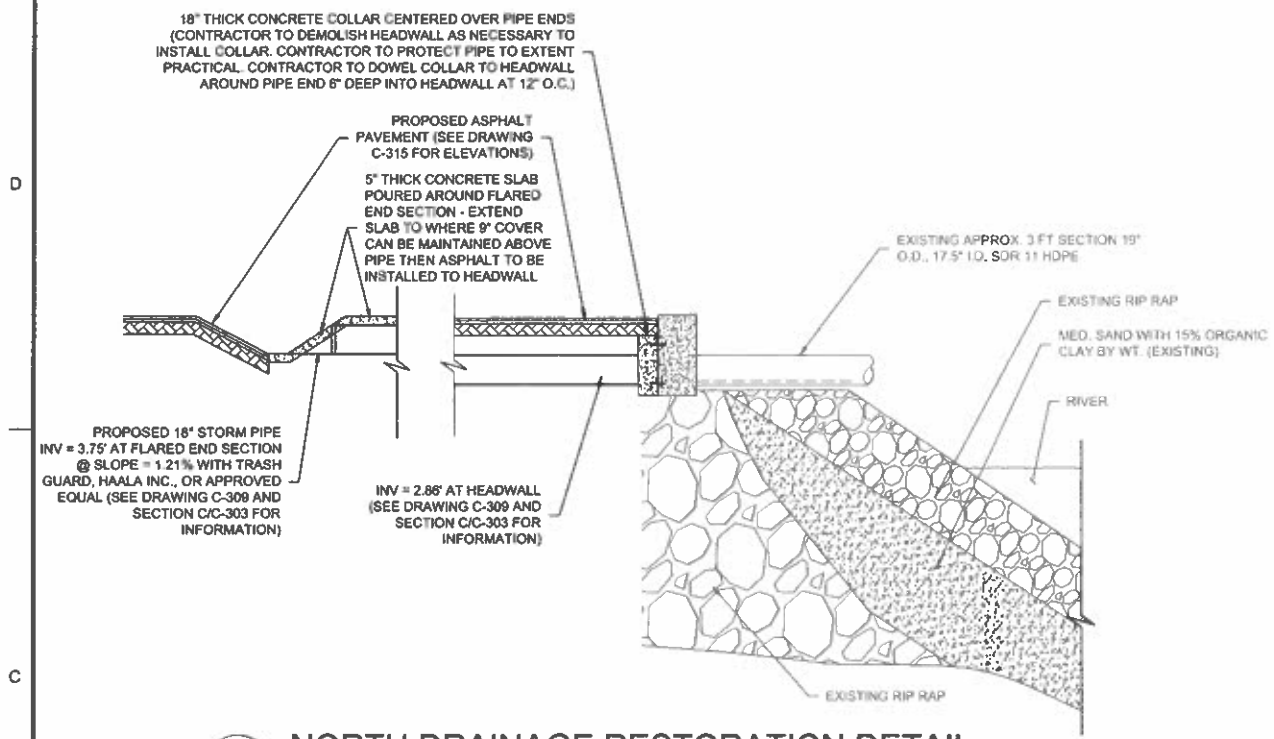
CIVIL

AEROVOX
DRAINAGE DITCH
RESTORATION
DETAILS

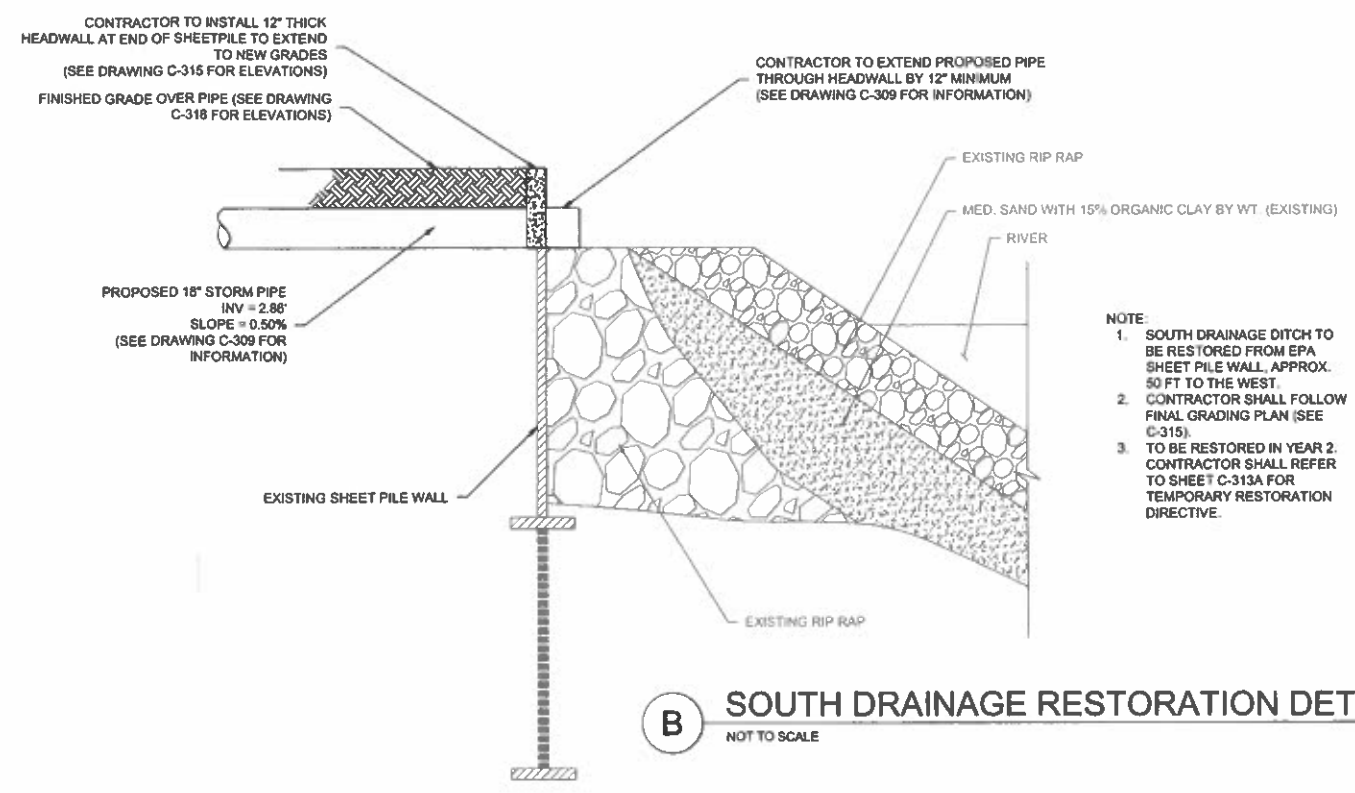
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C-303

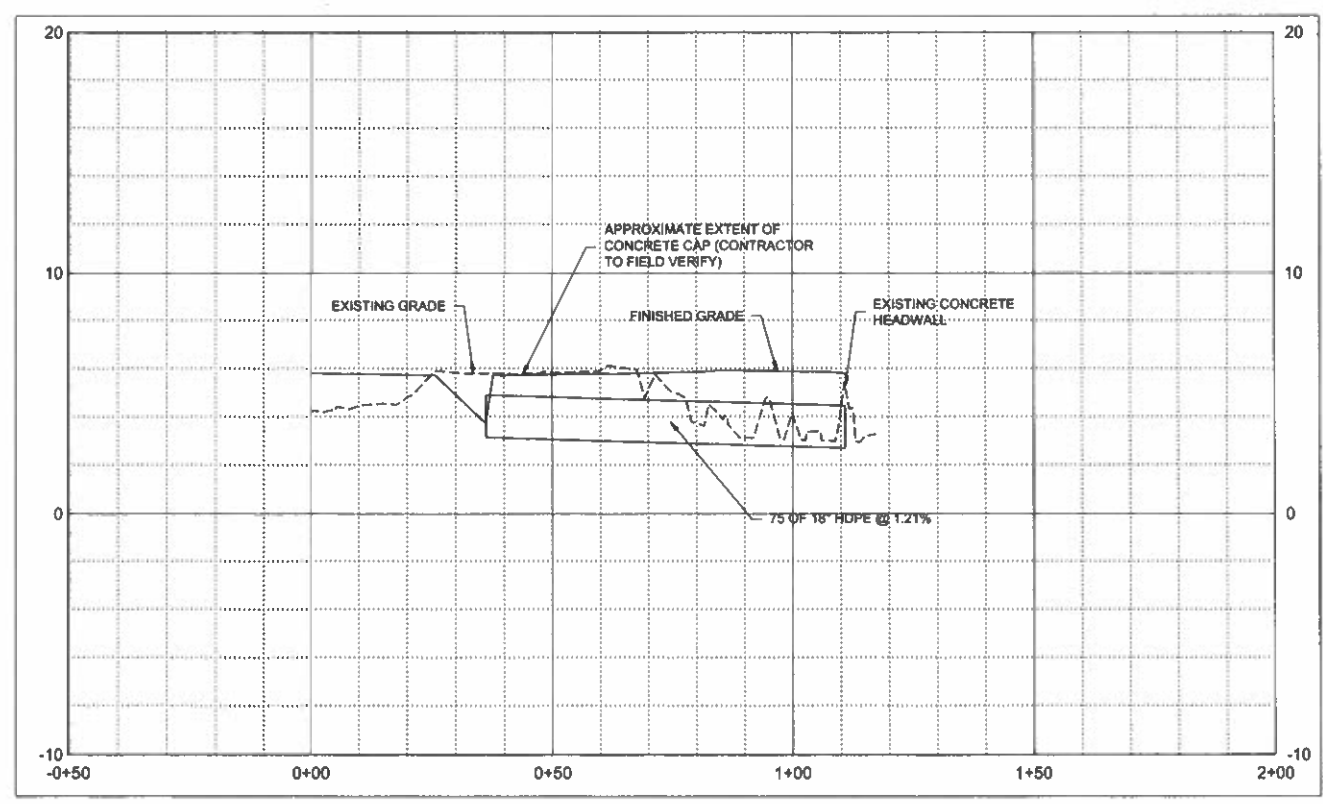
SHEET NUMBER
18 OF 47



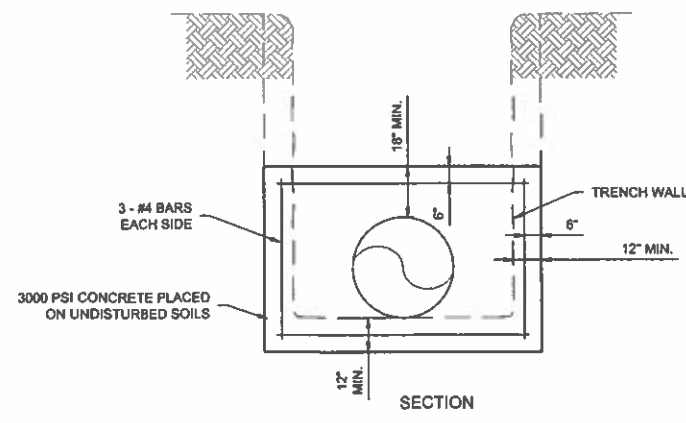
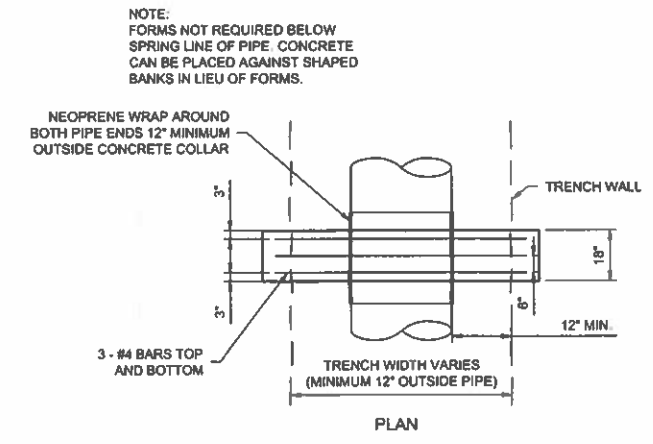
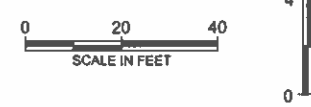
A NORTH DRAINAGE RESTORATION DETAIL
NOT TO SCALE



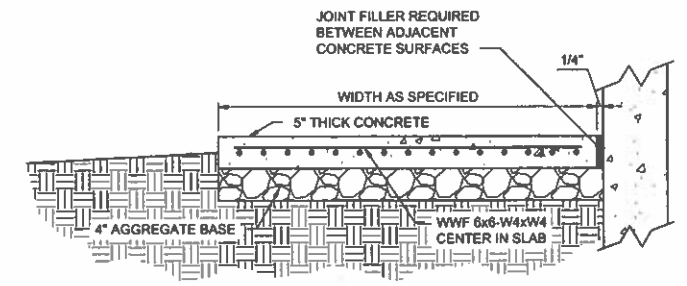
- NOTE:
1. SOUTH DRAINAGE DITCH TO
BE RESTORED FROM EPA
SHEET PILE WALL, APPROX.
50 FT TO THE WEST.
 2. CONTRACTOR SHALL FOLLOW
FINAL GRADING PLAN (SEE
C-315).
 3. TO BE RESTORED IN YEAR 2
CONTRACTOR SHALL REFER
TO SHEET C-313A FOR
TEMPORARY RESTORATION
DIRECTIVE.



C NORTH DRAINAGE RESTORATION SECTION
NOT TO SCALE



D CONCRETE COLLAR DETAIL
NOT TO SCALE



E CONCRETE PAVEMENT
NOT TO SCALE

33558

TEXAS CAPITAL BANK

Houston, Texas

32-1797/1110

FORGEN, LLC - Operating
6020 WEST OAKS, SUITE 220
ROCKLIN, CA 95765

8/26/2022

PAY TO THE
ORDER OF

City of New Bedford - Public Infrastructure

\$

300.00

THREE HUNDRED AND 0/100 *****

DOLLARS

City of New Bedford - Public Infrastructure
PO Box 844551
Boston, MA 02284

MEMO



[Signature]
AUTHORIZED SIGNATURE



⑈033558⑈ ⑆111017979⑆ 3211013473⑈



CITY OF NEW BEDFORD
Jonathan F. Mitchell, Mayor

PERMISSION SLIP

I hereby authorize MAUR STARKIE of _____

(Applicant Name)

at the address of _____

(Company Name & Telephone Number)

6025 S. QUEBEC ST. STE 300 to act on my behalf including affixing

(Company Address) CENTENNIAL CO, 80111

my signature in securing permits for Plot 112, Lot 88/252

740 BAEVILLE AVENUE

(Address for permit location)

Sewer Service Permits ☒
Stormwater Permits ☐
Water Service Permits ☐
Driveway Installation Permits ☐
Sidewalk Installation Permits ☐

I further agree to conform to, and abide by, all City rules and regulations applicable to the permit(s) being applied for.

Property Owner Information:

Printed Name

Michael Paul for City of New Bedford

Signature

[Signature]

Address

133 William St, Rm 304 New Bedford, MA 02740

City

State

Zip Code

Today's Date

9/8/22

Telephone Number

508-979-1487