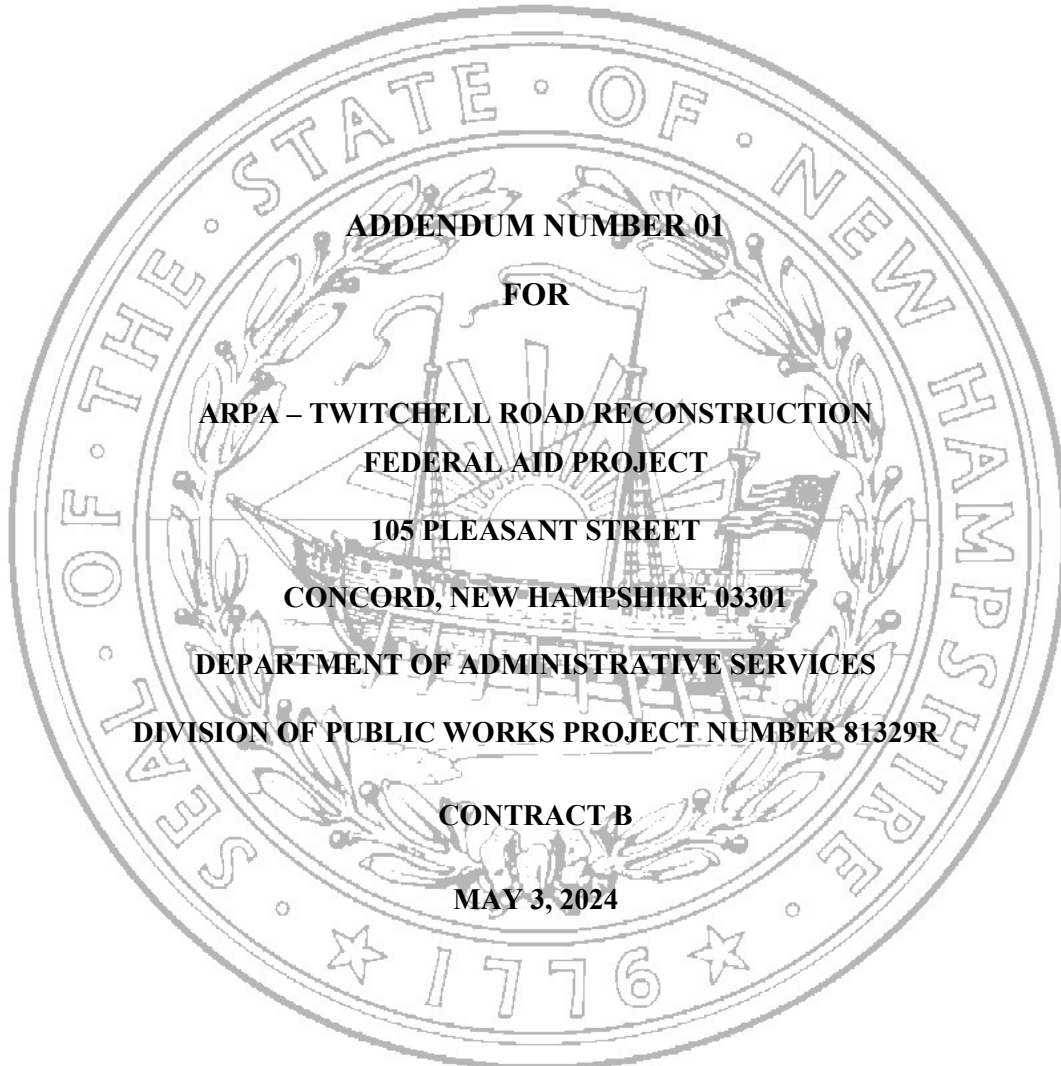




CHARLES M. ARLINGHAUS  
Commissioner

**STATE of NEW HAMPSHIRE**  
**DEPARTMENT of ADMINISTRATIVE SERVICES**  
**DIVISION of PUBLIC WORKS - DESIGN & CONSTRUCTION**  
POB 483, 7 Hazen Drive – Room 250  
Concord, New Hampshire 03302-0483  
Phone 603-271-3516, Fax 603-271-3515



**ADDENDUM NUMBER 01**  
**FOR**  
**ARPA – TWITCHELL ROAD RECONSTRUCTION**  
**FEDERAL AID PROJECT**  
**105 PLEASANT STREET**  
**CONCORD, NEW HAMPSHIRE 03301**  
**DEPARTMENT OF ADMINISTRATIVE SERVICES**  
**DIVISION OF PUBLIC WORKS PROJECT NUMBER 81329R**  
**CONTRACT B**  
**MAY 3, 2024**

## DOCUMENT 00911

## ADDENDUM NUMBER 01

**TO: ALL CONTRACT BIDDERS OF RECORD**

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated April 18, 2024, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Proposal Form. Failure to do so may disqualify the Bidder.

This Addendum consists of 2 pages and the following Drawings:

No.	Drawing Title	Issue Date
CG501	Addendum 1 - Grading & Utility Details	5/2/2024
CU101	Addendum 1 – Site Utility Plan	5/2/2024

**CHANGES TO THE DRAWINGS**

DRAWINGS – Revised Drawings CG501 and CU101

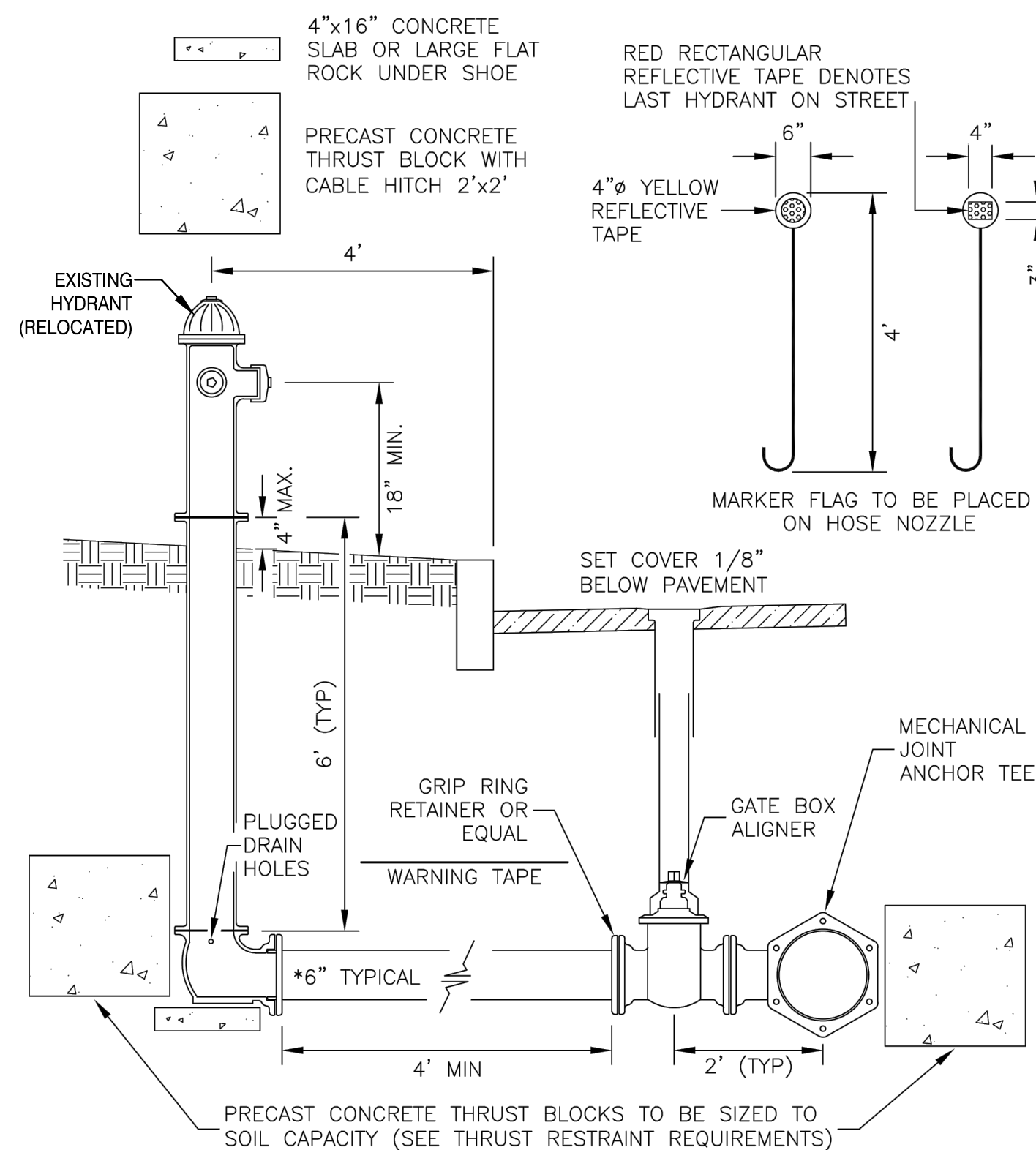
1. The drawings are revised to include the City of Concord utility details to be used for the project.



---

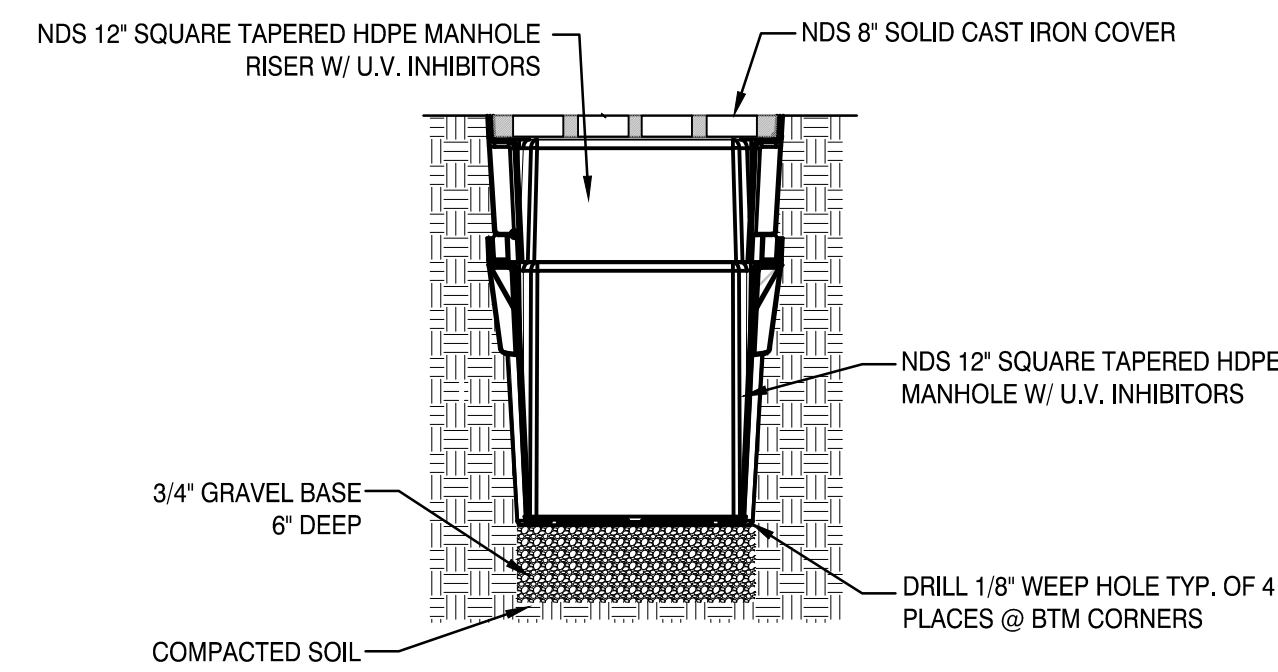
Michelle L. Juliano, P.E., Deputy Director  
Division of Public Works Design and Construction

END OF DOCUMENT



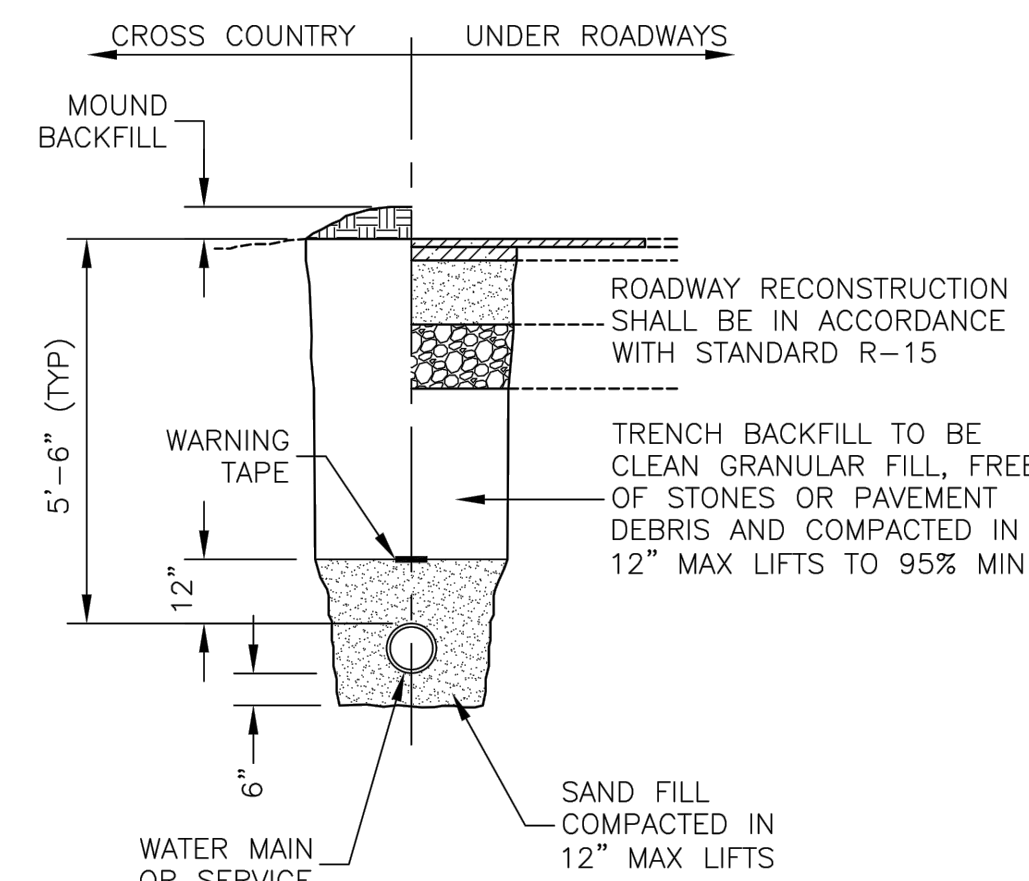
**RELOCATED FIRE HYDRANT** (G11)  
NOT TO SCALE

\* SHOULD THE HYDRANT BE MORE THAN 20' FROM THE MAIN, THE HYDRANT SERVICE SHALL BE 8" TO A POINT IMMEDIATELY ADJACENT TO THE HYDRANT WHERE THE SERVICE WILL BE REDUCED TO 6"

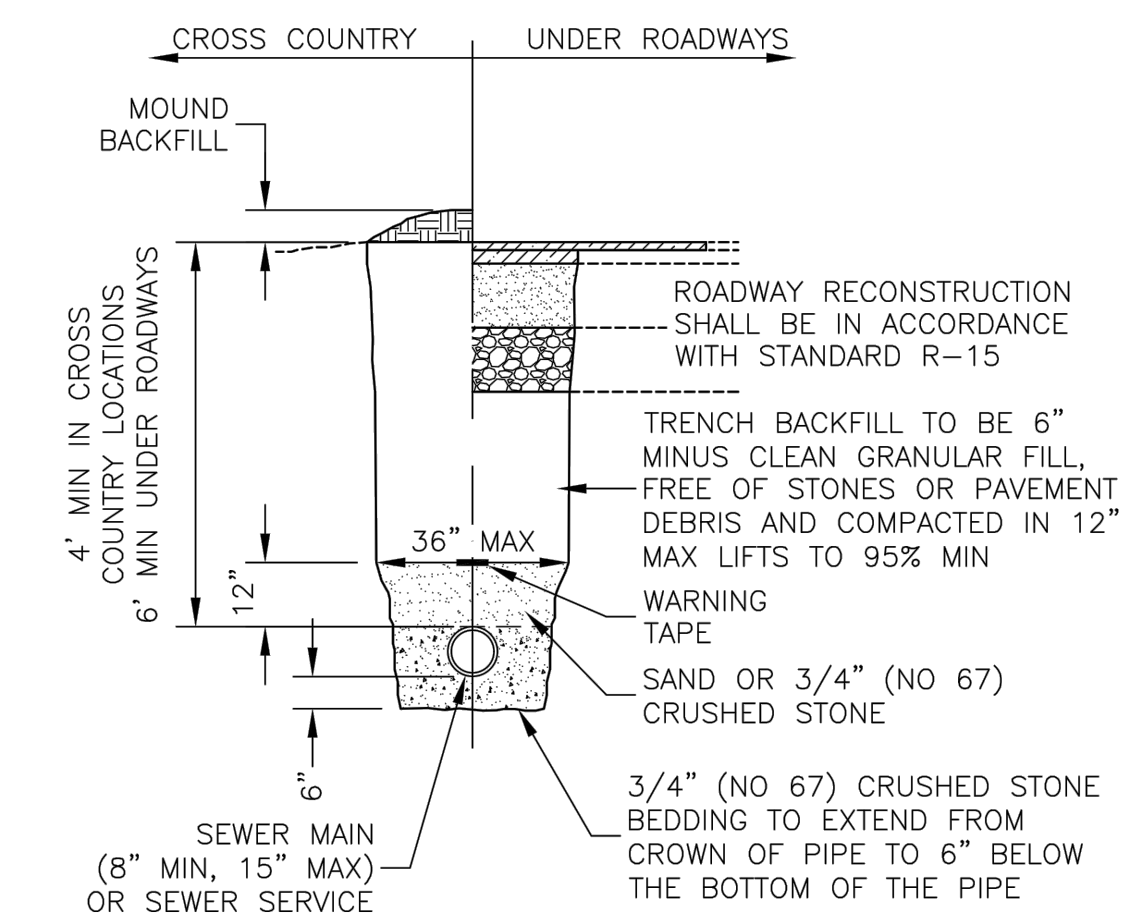


- NOTES:**
1. RISER CAN BE CUT TO ACHIEVE EXACT ELEVATION.
  2. DO NOT USE OVER 5 RISERS WITH MANHOLE.
  3. COVER TO BE ATTACHED TO MANHOLE WITH SCREW PROVIDED AT TIME OF INSTALLATION.

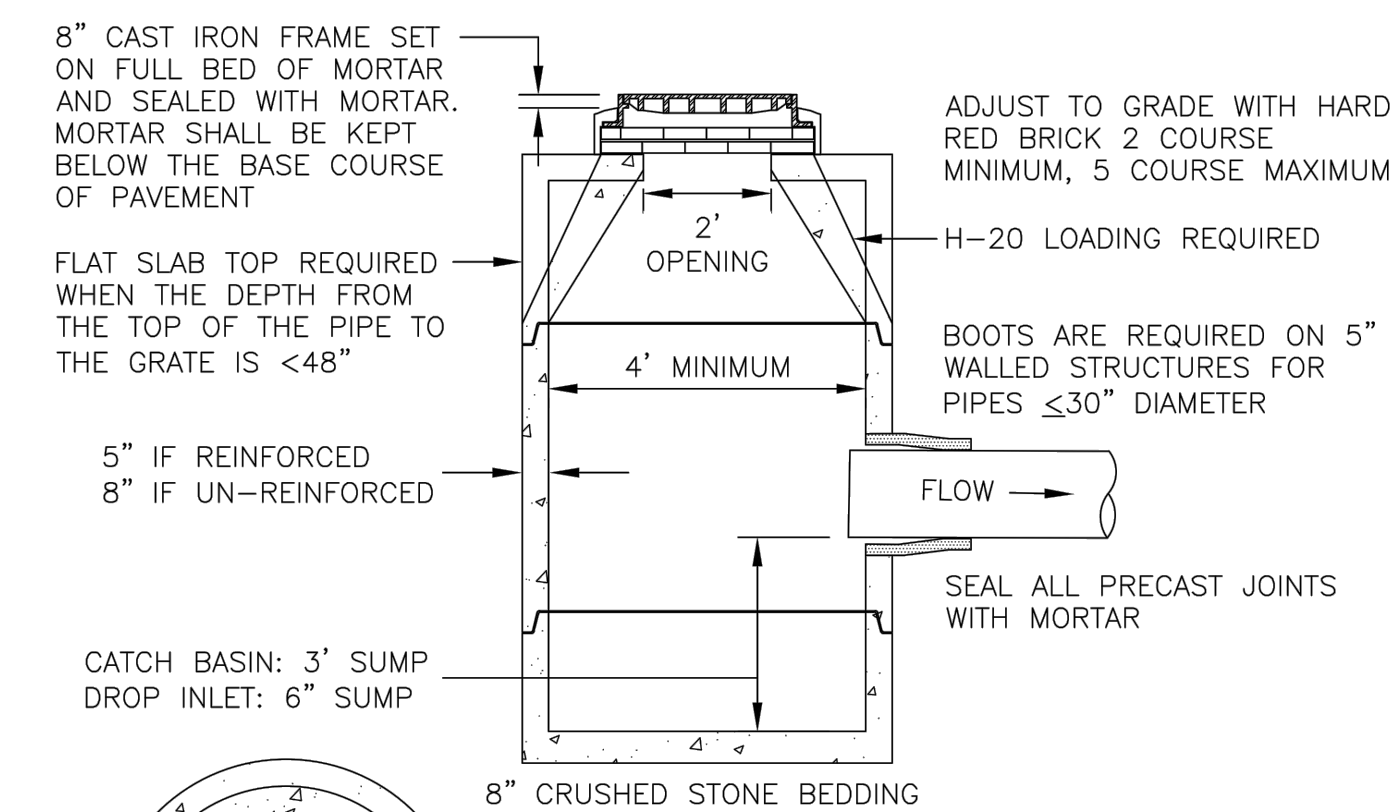
**NYLOPLAST DRAIN** (D11)  
N.T.S.



**WATER TRENCH** (D6)  
NOT TO SCALE

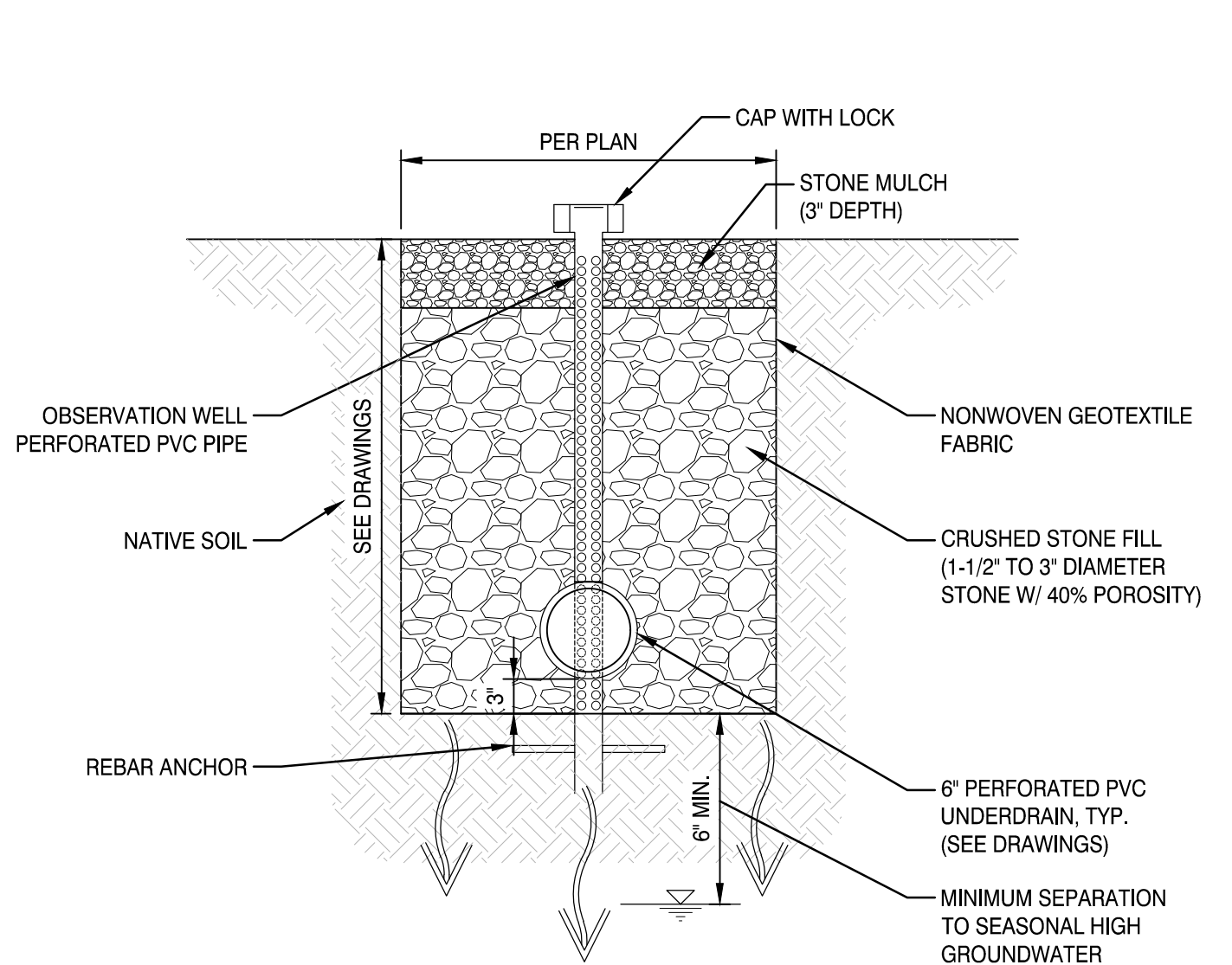


**SEWER TRENCH** (D1)  
NOT TO SCALE

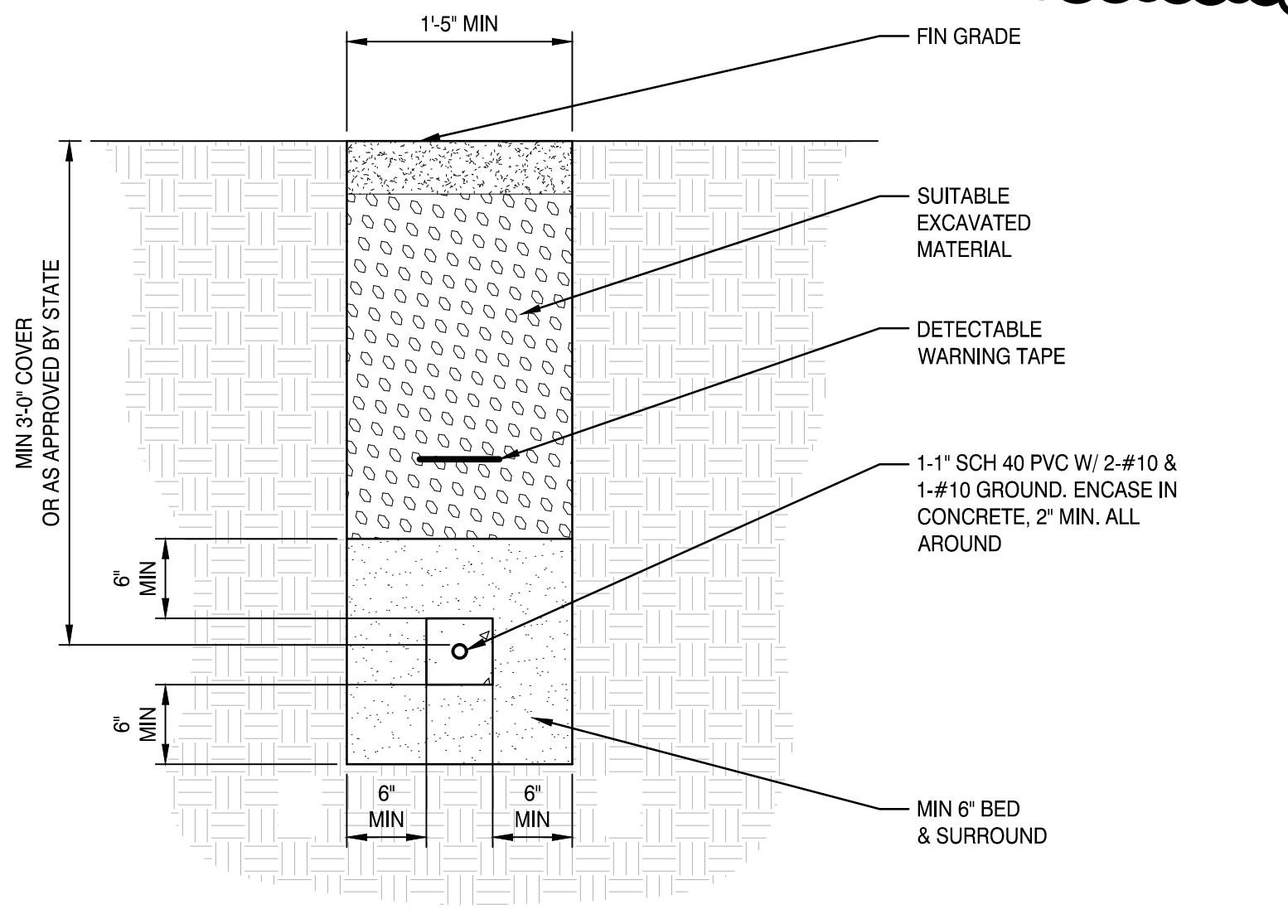


- NOTES:**
1. CONCRETE SHALL BE 4,000 PSI AFTER 28 DAYS.
  2. SEAL ALL PRECAST JOINTS WITH BITUMASTIC SEAL.
  3. LIFT HOLES AND BOOT RECESSES ARE TO BE SEALED WITH MORTAR FLUSH TO THE OUTSIDE STRUCTURE WALL PRIOR TO BACKFILLING.
  4. MINIMUM DEPTH FROM RIM TO INVERT OF THE HIGHEST PIPE SHALL BE: 12"Ø=3.7', 15"Ø=3.9', 18"Ø=4.2', 24"Ø=4.8', 30"Ø=5.3', 36"Ø=5.8'
  5. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES. NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS.
  6. MANHOLES AND TRAFFIC SIGNAL LOOPS SHALL BE SEPARATED BY A MINIMUM OF 2' TO ALLOW FOR MAINTENANCE OF STRUCTURE.
  7. THREE FLANGED FRAMES SHALL BE USED FOR INSTALLATIONS ADJACENT TO VERTICAL GRANITE CURB.
  8. NHDOT TYPE "F" GRATE REQUIRED FOR ROADWAYS HAVING SLOPES EQUAL TO OR GREATER THAN 3%. TYPE "F" SHALL BE BICYCLE SAFE.
  9. BRICK WORK SHALL BE RECTANGULAR AND CONFORM TO THE DIMENSIONS OF THE GRATE BEING USED. TYPE "B" GRATES SHALL BE ALIGNED WITH THE 22" DIMENSION AGAINST THE CURB.

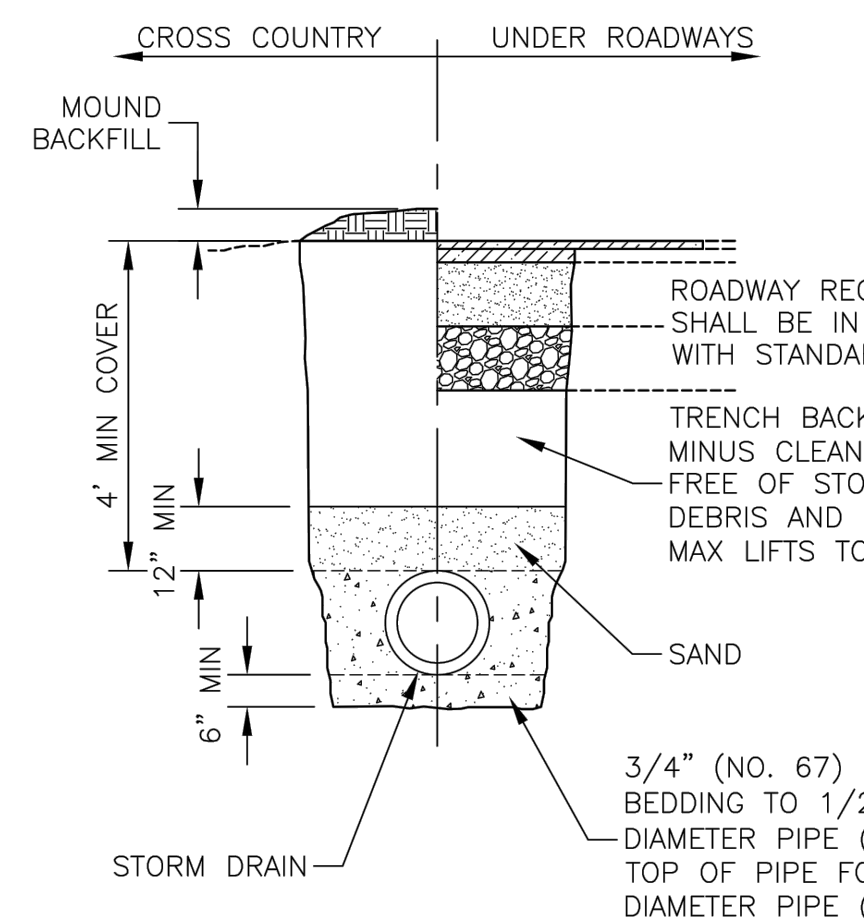
**CATCH BASIN** (A1)  
NOT TO SCALE



**INFILTRATION TRENCH** (A12)  
N.T.S.



**ELECTRICAL TRENCH** (A8)  
1" = 1"



**STORM DRAIN TRENCH** (A5)  
NOT TO SCALE

REV	DESCRIPTION	DATE
1	ADDENDUM 1	05-02-24
0	ISSUED FOR BID	04-18-24

**ADDENDUM 1**  
05-02-24

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
1	ADDENDUM 1	05-02-24
0	ISSUED FOR BID	04-18-24

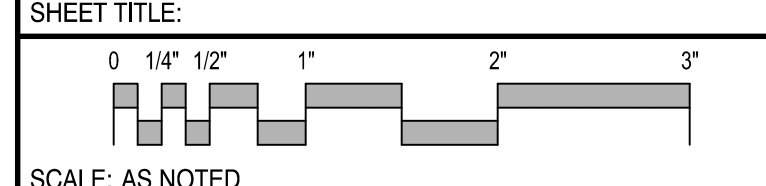
**SMRT** SMRT Architects and Engineers  
200 Brickstone Square, Suite 303  
Andover, Massachusetts 01810  
1.877.700.7678  
www.smrtninc.com

**NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS**  
TWITCHELL ROAD RECONSTRUCTION

105 PLEASANT ST., CONCORD, NH 03301

**GRADING & UTILITY DETAILS**

SHEET TITLE:



SCALE: AS NOTED

PROJECT MANAGER: KDC PROJECT NO: 23087

A/E OF RECORD: MAF

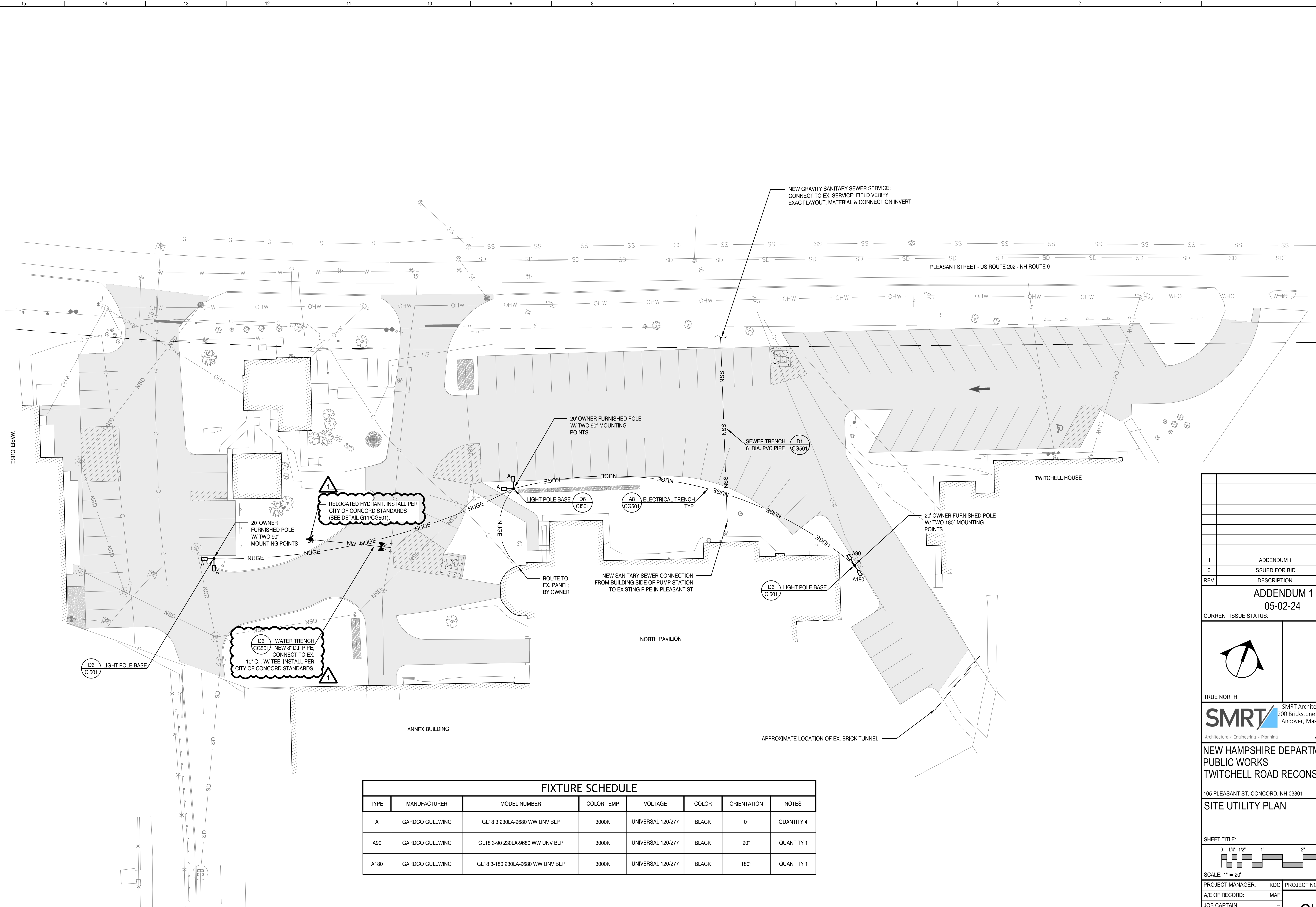
JOB CAPTAIN: --

DRAWN BY: EMS

SMRT FILE: CG501-23087 SHEET No.

**CG501**

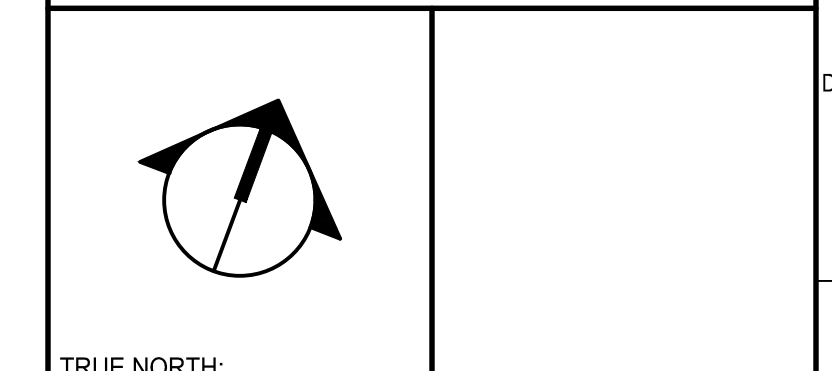
NOT FOR CONSTRUCTION



FIXTURE SCHEDULE							
TYPE	MANUFACTURER	MODEL NUMBER	COLOR TEMP	VOLTAGE	COLOR	ORIENTATION	NOTES
A	GARDCO GULLWING	GL18 3-230LA-9680 WW UNV BLP	3000K	UNIVERSAL 120/277	BLACK	0°	QUANTITY 4
A90	GARDCO GULLWING	GL18 3-90 230LA-9680 WW UNV BLP	3000K	UNIVERSAL 120/277	BLACK	90°	QUANTITY 1
A180	GARDCO GULLWING	GL18 3-180 230LA-9680 WW UNV BLP	3000K	UNIVERSAL 120/277	BLACK	180°	QUANTITY 1

REV	DESCRIPTION	DATE
1	ADDENDUM 1	05-02-24
0	ISSUED FOR BID	04-18-24

ADDENDUM 1  
05-02-24  
CURRENT ISSUE STATUS:

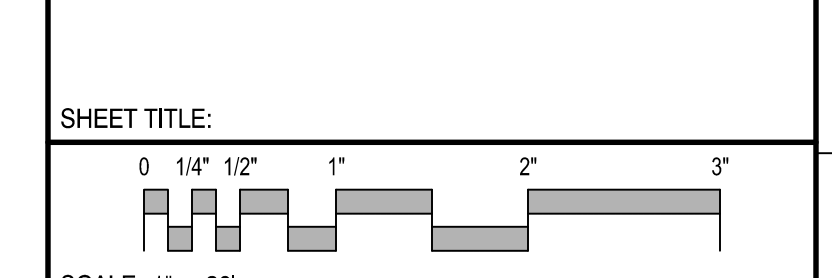


**SMRT** SMRT Architects and Engineers  
200 Brickstone Square, Suite 303  
Andover, Massachusetts 01810  
1.877.700.7678  
www.smrtinc.com

NEW HAMPSHIRE DEPARTMENT OF  
PUBLIC WORKS  
TWITCHELL ROAD RECONSTRUCTION

105 PLEASANT ST., CONCORD, NH 03301

SITE UTILITY PLAN



PROJECT MANAGER: KDC PROJECT NO: 23087  
A/E OF RECORD: MAF  
JOB CAPTAIN: --  
DRAWN BY: EMS  
SMRT FILE: CU101-23087 SHEET No.

**CU101**

NOT FOR CONSTRUCTION