

MATCH C-8  
LINE C-7

**LEGEND**

- G — G — NEW GAS SERVICE
- G — G — EXISTING GAS SERVICE
- G ? — G ? SUSPECTED LOCATION OF EXISTING GAS SERVICE
- GAS TRENCH

**NOTES:**

1. PIPE AND FITTINGS TO BE SUPPLIED AND INSTALLED BY NATIONAL GRID. PIPE SHOWN FOR REFERENCE. PIPE SIZE HAS BEEN DETERMINED BY NGRID TO BE A 4" STEEL PIPE. THE TRENCH WIDTH IS SHOWN AS A 36" WIDE TRENCH BASED ON DISCUSSIONS WITH NGRID AND THE NEED FOR FIELD WELDING (NGRID STANDARD DETAIL IS 18" WIDE TRENCH). TRENCH WIDTH SHALL INCREASE AS NEEDED TO ACCOMMODATE WELDING JOINTS INSIDE THE TRENCH WHERE REQUIRED. ACTUAL TRENCH DEPTH AND WIDTH WILL DEPEND ON FIELD CONDITIONS.
2. NEW GAS MAIN WILL BE INSTALLED WITH A 12-IN SEPARATION TO CLEAR EXISTING UTILITIES. IF NEW MAIN WILL HAVE LESS THAN THE REQUIRED COVER, INSTALL STEEL PLATES.

**NOTE TO NATIONAL GRID:**

- TWO OPTIONS FOR THIS LOCATION EXIST:
- A) SHALLOW TRENCH GAS OVER DUCTBANK — PROVIDE 6-IN SEPARATION BETWEEN BOT OF GAS AND TOP OF DUCTBANK; WITH 18-IN COVER AND STEEL PLATES
  - B) DEEP TRENCH GAS UNDER DRAIN — EXCAVATE BELOW 12-IN DRAIN WITH 6-IN SEPARATION BETWEEN BOTTOM OF DRAIN AND TOP OF GAS — BOTTOM OF TRENCH WILL BE 7.5 FEET BELOW GRADE.
- PLEASE ADVISE AS TO WHICH IS PREFERRED

EXCAVATE TO 28" BELOW SEWER. BOT OF TRENCH APPROX 65" BELOW GRADE (APPROX EL = 6.32)

TEMPORARILY RELOCATE HANDICAPPED PARKING SPACES AND PROVIDE TEMPORARY RAMP(S) AS REQUIRED FOR ACCESS

NEW 3'X5' CONC PAD FOR METER AND REGULATOR — COORDINATE WITH NGRID

CONNECT SERVICE SIDE OF METER TO EXISTING GAS PIPE (BY BOND)

INSTALL CATCH BASIN PROTECTION

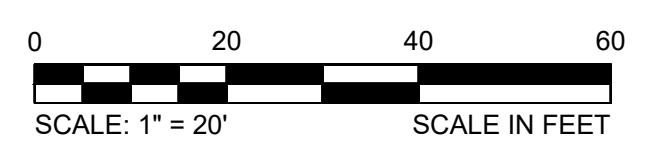
EXCAVATE ADJACENT TO EXISTING MAIN — NEW MAIN TO FOLLOW SAME ALIGNMENT AS EXISTING SEE NOTE 1

TREES TO REMAIN

MATCH C-7  
LINE C-6

**GENERAL NOTES:**

1. THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP BETWEEN SEPTEMBER 9 — 22, 2015 AND COMPLEMENTED BY AN ON THE GROUND SURVEY NORTH AND WEST OF DILLON FIELD HOUSE PERFORMED BY GREEN INTERNATIONAL AFFILIATES, INC. ON MAY 13 AND 23, 2016.
2. HORIZONTAL DATUM IS MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83) BASED ON HARVARD CONTROL DISKS USING STATIC GPS. VERTICAL DATUM IS BOSTON CITY BASE ESTABLISHED USING HARVARD CONTROL DISK ALB02.



CAD FILE: C:\Users\Ryan.Chase\Documents\Bristol\Engineering\clients\Harvard\_University\Harvard Stadium Gas\Drawings\Harvard Stadium Gas\Drawings\Harvard Stadium Gas Test PPT Design 2022-08-19.dwg LAYOUT: C7 GAS TRENCH-3

REVISIONS		DATE
01/08/24	FINAL CONSTRUCTION SET	
06/16/23	CONFORMED SET TRENCH WIDTH, BOLLARDS, CONC. PAD AT TRINK	

HARVARD UNIVERSITY	PROJECT NO. XX	NO.
HARVARD ATHLETICS AREA GAS MAIN PROJECT GAS TRENCH PLAN-3	DRAWN BY RDC	
	CHECKED BY TAT	
	FILE NAME	