

GRAVEL ← GRASS AREAS

FINISH GRADE-

18" OF AGGREGATE

BACKFILL W/EXCAVATED

MATERIAL OR COMMON

BORROW AS DIRECTED

BY ENGINEER —

PIPE BEDDING

MATERIAL SELECT

SUBBASE COURSE

GRAVEL

© PIPE AND TRENCH

3'-0" + PIPE I.D.

TRENCH WIDTH

—LOAM AND SEED

- DEPTH VARIES

BACKFILL W/ SAND

-2" RIGID INSULATION

WIDTH OF TRENCH

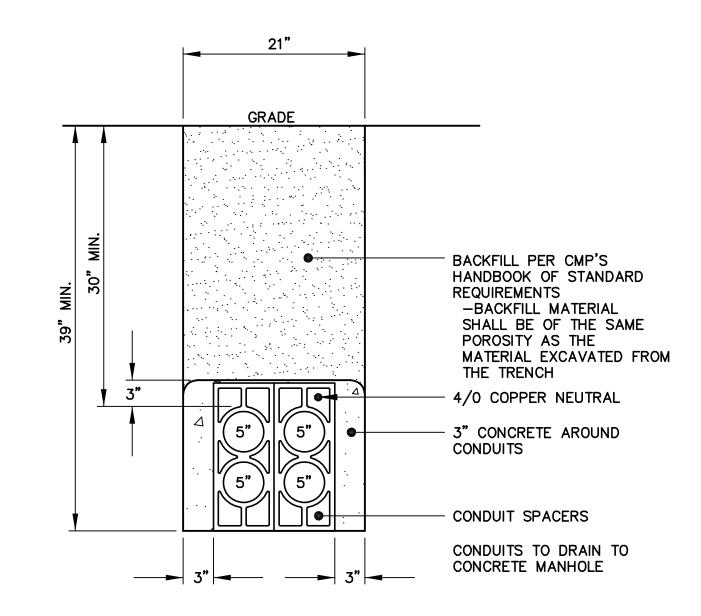
THAN 4'

1/2 0.D.+6"

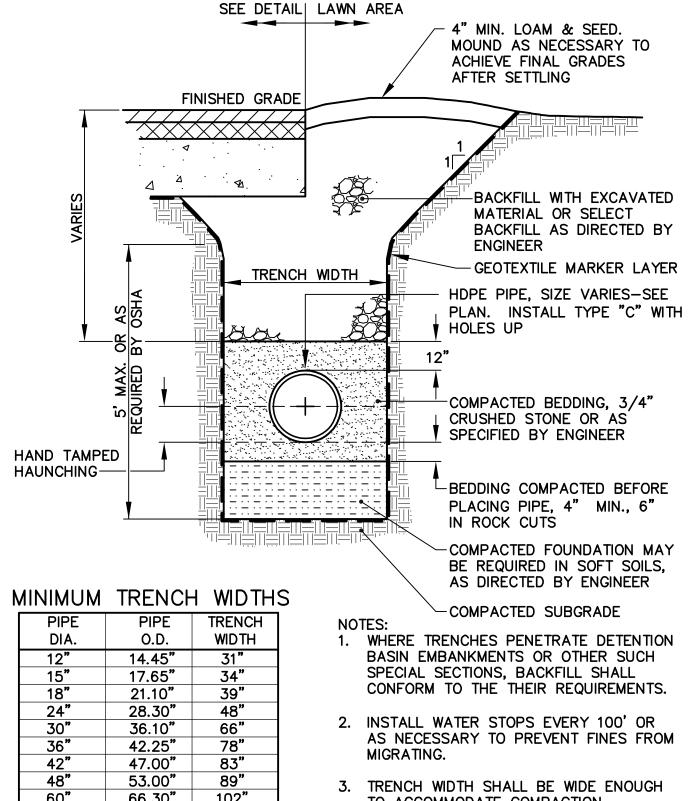
WHERE SPECIFIED OR

WHERE COVER IS LESS

BEDDING MÁTERIAL (6")

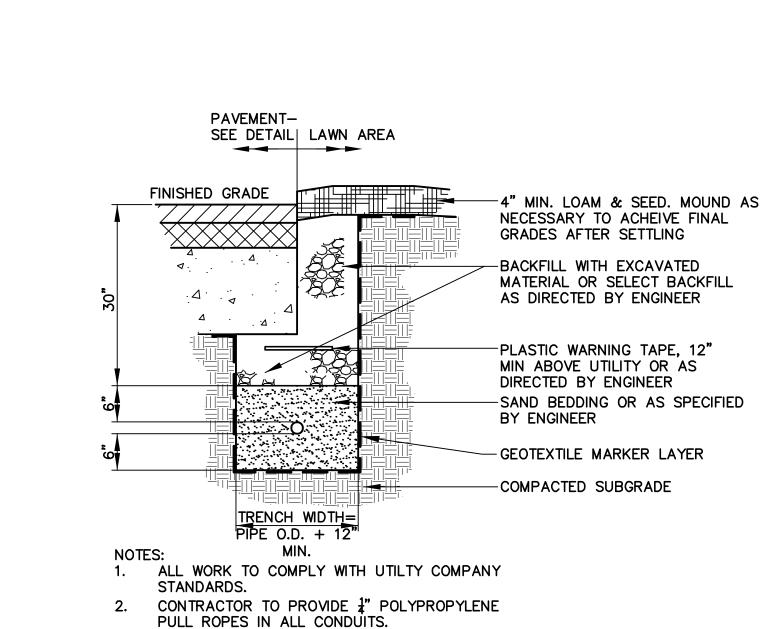


3 CONCRETE ENCASED DUCT



PAVEMENT-





GAS OR ELECTRIC UTILITY TRENCH SECTION
NOT TO SCALE

RANSOM Engineers and Scientists 400 Commercial Street, Suite 404

20 THAMES STREET

RESIDENTIAL

CONDOMINIUM

20 THAMES STREET

PORTLAND, MAINE

PORTLAND NORWICH

ACQUISITION, LLC

P.O. Box 1383

SANIBEL, FL 33957

ESSEXNORTH

PORTLAND LLC

P.O. BOX 394

TOPSFIELD, MA 01983

McGLONE

MAUREEN P. McGLONE, PE #7705 400 COMMERCIAL STREET, SUITE 404

PORTLAND, ME 04101

207-772-2891

CONSTRUCTION **DETAILS**

Portland, ME 04101

Tel. (207) 772-2891

Fax (207) 772-3248

www.ransomenv.com

03/09/1 CITY SUBMISSION Date Revision/Issue Checked by: Design by: SJB

Approved by: SJB 150.06094 MARCH 2017