

TYPICAL AIR VALVE SECTION (1")

TYPICAL PIPE INSTALLATION DETAIL

N.T.S.

DIMENSION

В

0'-10"

0'-8 1/4"

0'-6 1/2"

SEED IN LAWN AREAS

COMMON BACKFILL FROM TRENCH —— EXCAVATION OR GRANULAR

FLEXIBLE PIPE: CRUSHED STONE, 703.30, 12" ABOVE TOP OF PIPE.

RIGID PIPE: SAND, 703.06 (b), 12" ABOVE TOP OF PIPE

COMPACTED SPECIAL BACKFILL -

SAND NOT ALLOWED.

CRUSHED STONE FOR PIPE BEDDING, 703.30

ESTABLISHED TRENCH PROFILE -

EXCAVATION BELOW ESTABLISHED TRENCH PROFILE -

2" CRUSHED STONE -

BORROW (IF ORDERED)

DIAMETER

12"

18" AND LARGER

NOTE: TRENCH PAVEMENT REPLACEMENT SHALL

EXTEND 9" BEYOND EDGE OF TRENCH.

\* PAVEMENT THICKNESSES NOTED ARE A MINIMUM. CONTRACTOR

SHALL MATCH THICKNESS OF EXISTING PAVEMENT IN

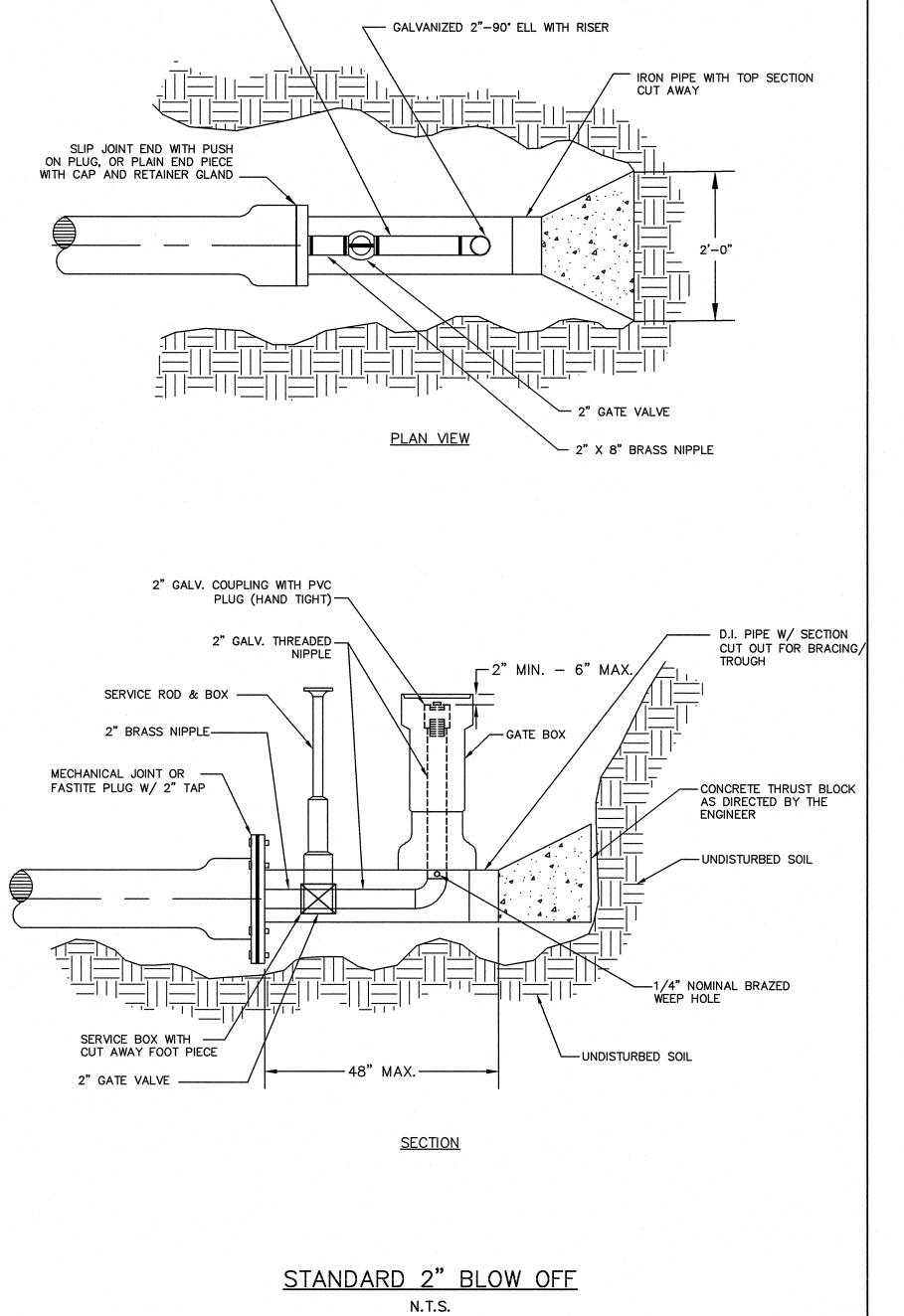
MARGINAL WAY

1 1/2" HOT BITUMINOUS PAVEMENT GRADING "C" \*

2" HOT BITUMINOUS PAVEMENT GRADING "B" \*

\_\_\_\_ 3" AGGREGATE BASE COURSE - CRUSHED, TYPE "A"

\_\_ 15" AGGREGATE SUBBASE COURSE - GRAVEL, TYPE "D"





MITCHELL & ASSOCIATES The Staples School 70 Center Street Portland, Maine 04101 Tel. (207) 774-4427 Fax (207) 874-2460

Gorrill-Palmer Consulting Engineers, Inc. Traffic and Civil Engineering Services 15 Shaker Road 207-657-6910 Gray, ME 04039 FAX: 207-657-6912

Project Title

**84 MARGINAL WAY** Portland, Maine

06196 HA Project No.

ISSUED FOR CONSTRUCTION 05.08.07 03.26.07 100% DESIGN DEVELOPMENT Mark Date Description Issue Dates

Drawing Status ISSUED FOR CONSTRUCTION

Drawing Title

UTILITY AND DRAINAGE DETAILS

PA / PE: WCH Drawing Number

Drawn By: BVD

WATER SERVICE TRENCH SECTION

N.T.S.