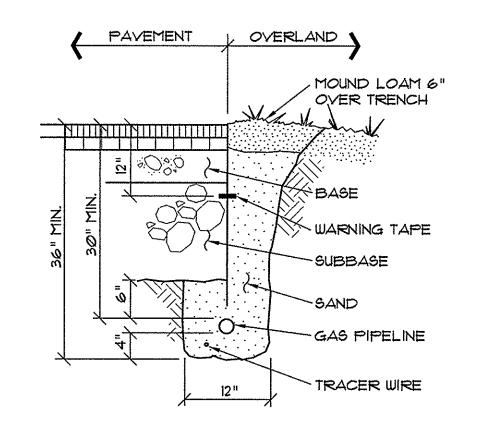


POLYETHYLENE ENCASEMENT GENERAL SPECIFICATIONS

- I. TUBE TYPE POLYETHYLENE ENCASEMENT SHALL BE INSTALLED ON ALL DUCTILE IRON PIPE AND FITTINGS IN ACCORDANCE WITH AWWA STANDARD CIØ5 LATEST REVISION, METHOD A.
- 2. POLYETHYLENE ENCASEMENT SHALL BE EITHER LINEAR LOW-DENSITY POLYETHYLENE (LLDPE) FILM WITH A MINIMUM THICKNESS OF 8-MIL OR HIGH-DENSITY, CROSS-LAMINATED POLYETHYLENE (HDCLPE) FILM WITH A MINIMUM THICKNESS OF 4-MIL.
- 3. CIRCUMFERENTIAL WRAPS OF TAPE OR PLASTIC TIE STRAPS SHALL BE PLACED AT 2-FT. INTERVALS ALONG THE BARREL OF THE PIPE.
- 4. THE POLYETHYLENE ENCASEMENT SHALL PREVENT CONTACT BETWEEN THE PIPE AND THE SURROUNDING BACKFILL AND BEDDING MATERIAL BUT IS NOT INTENDED TO BE A COMPLETELY AIRTIGHT OR WATERTIGHT ENCLOSURE. ALL LUMPS OF CLAY, MUD, CINDERS, AND SO FORTH, ON THE PIPE SURFACE SHALL BE REMOVED PRIOR TO INSTALLATION OF THE POLYETHYLENE ENCASEMENT. DURING INSTALLATION, CARE SHALL BE EXERCISED TO PREVENT SOIL OR EMBANKMENT MATERIAL FROM BECOMING TRAPPED BETWEEN THE PIPE AND THE POLYETHYLENE.
- 5. THE POLYETHYLENE FILM SHALL BE FITTED TO THE CONTOUR OF THE PIPE TO EFFECT A SNUG, BUT NOT TIGHT, ENCASEMENT WITH MINIMUM SPACE BETWEEN THE POLYETHYLENE AND THE PIPE. SUFFICIENT SLACK SHALL BE PROVIDED IN CONTOURING TO PREVENT STRETCHING THE POLYETHYLENE WHERE IT BRIDGES IRREGULAR SURFACES, SUCH AS BELL-SPIGOT INTERFACES, BOLTED JOINTS, OR FITTINGS, AND TO PREVENT DAMAGE TO THE POLYETHYLENE DUE TO BACKFILLING OPERATIONS. OVERLAPS AND ENDS SHALL BE SECURED WITH ADHESIVE TAPE, STRING, PLASTIC TIE STRAPS, OR ANY OTHER MATERIAL CAPABLE OF HOLDING THE POLYETHYLENE ENCASEMENT IN PLACE UNTIL BACKFILLING OPERATIONS ARE COMPLETE.
- 6. THREE LAYERS OF POLYETHYLENE ADHESIVE TAPE SHALL BE WRAPPED AROUND ANY POLYWRAPPED PIPE WHERE A TAPPING MACHINE WILL BE PLACED. ALL COPPER SERVICES CONNECTED TO A PIPE WRAPPED IN POLYETHYLENE ENCASEMENT SHALL BE WRAPPED WITHIN THREE FEET OF THE PIPE

TYPICAL WATER MAIN SECTION ON-SITE

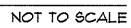
NOT TO SCALE

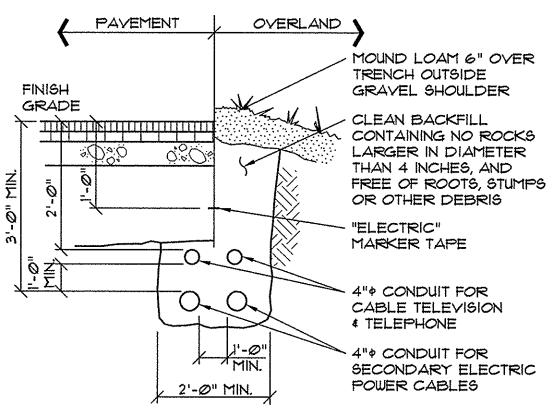


GRAVITY WALL, BY REDI-ROCK® INTERNATIONAL LLC, 28" WIDE - LOAM & SEED ALL GRAVITY BLOCKS, AREAS DISTURBED BY STYLE: COBBLESTONE WALL CONSTRUCTION (www.redi-rock.com) -12" MIN. GRAVEL BACKFILL, MDOT TYPE C GROUND LEVEL CRUSHED STONE BURY LEVELING PAD NOTE: WALL SUPPLIER TO MIN. PROVIDE WALL DESIGN PLAN AND DETAILS STAMPED BY A PROFESSIONAL ENGINEER

GAS PIPING TRENCH SECTION

5 MODULAR BLOCK WALL





NOT TO SCALE

NOT TO SCALE

NOTES:
1. INSTALLATION SHALL NOT ALLOW INTER-TWINING OF CABLES.
2. DIRECT BURY CABLES EXCEPT UNDER PAVED AREAS.
PROVIDE SCH. 40 PVC CONDUIT UNDER PAVED AREAS,
EXTEND CONDUIT 5'-0" BEYOND EDGE OF PAVEMENT.

8 CABLE TRENCH SECTION

FINISH FLOOR

3'-0" MIN.

LOAM & SEED

LOAM & SEED

1 1/2" STONE

4" PERFORATED PVC SDR
35. MAINTAIN POSITIVE
SILOPE TO OUTLET. MINIMUM
1/2% SLOPE.

LINE TRENCH WITH
GEOTEXTILE FABRIC,
AMERICAN ENGINEERING
FABRICS GNIØO, MIRAFI 140N
OR APPROVED EQUAL

STONE DRIPSTRIP SECTION

NOT TO SCALE

UNDERGROUND UTILITIES WARNING TAPE

IDENTIFICATION TAPE TO BE INSTALLED ABOVE ALL NEW UNDERGROUND UTILITIES AND ABOVE ANY EXISTING UTILITIES THAT MAY BE EXPOSED BY THIS CONSTRUCTION.

DETECTABLE UNDERGROUND MARKING TAPE TO BE PERMANENT, BRIGHT-COLORED, CONTINUOUS-PRINTED PLASTICIZED ALUMINUM TAPE, INTENDED FOR DIRECT-BURIAL SERVICE NOT LESS THAN 3" WIDE x 5 MILS THICK. PROVIDE TAPE WITH BLACK PRINTING IDENTIFYING THE UTILITY. DETECTABLE WARNING TAPE REQUIRED OVER ALL WATER, SEWER, DRAINAGE, OR GAS UTILITIES. TAPE TO BE TERRA TAPE BY REEF INDUSTRIES, INC., www.reefindustries.com, OR EQUAL.

APWA UNIFORM COLOR CODE:

WHITE PROPOSED EXCAVATION

PINK TEMPORARY SURVEY MARKINGS

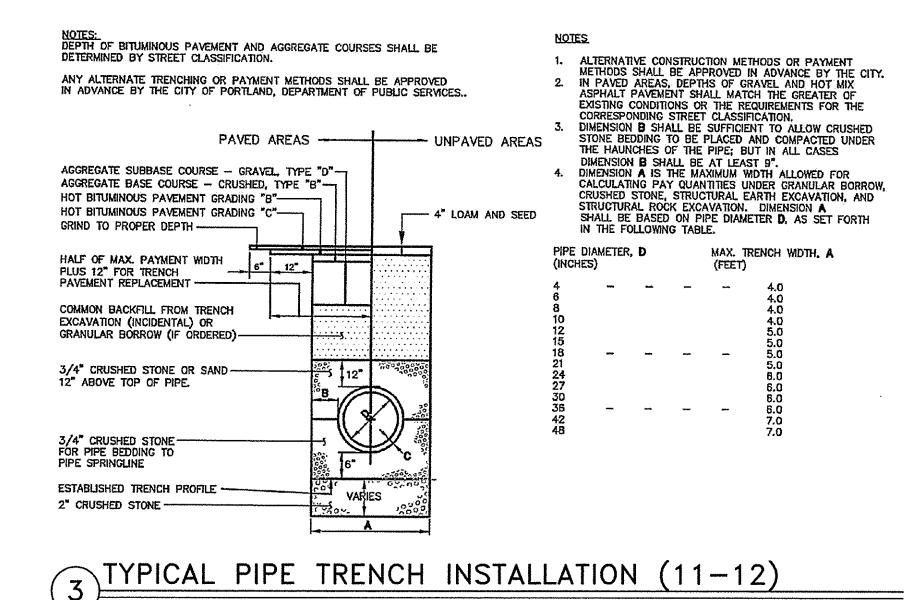
RED ELECTRIC POWER LINES, CABLES, CONDUIT AND LIGHTING CABLES YELLOW GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS

ORANGE COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT BLUE POTABLE WATER

BLUE POTABLE WATER
PURPLE RECLAIMED WATER, IRRIGATION AND SLURRY LINES

GREEN SEWERS AND DRAIN LINES

UNDERGROUND UTILITIES WARNING TAPE



THOMAS GREEK NO. 4206

NO. 4206

S. GREEK NO. 4206

BRIGGS STREET PROPERTY, LLC
55 SALEM ST #B
PORTLAND, ME. 04102

SCALE: AS SHOWN DRN BY: JDC/RJS 2 7/14/15 REV
DATE: APRIL 7, 2015 DESG BY: TSG 1 5/20/15 FOR
PROJECT: 14164 CHK BY: 15 6 REV. DATE DES

BRIGGS STREET ORTLAND, MAINE

5 Po

C2.2

MAP/LOT 57/J/29 & 57/J/31