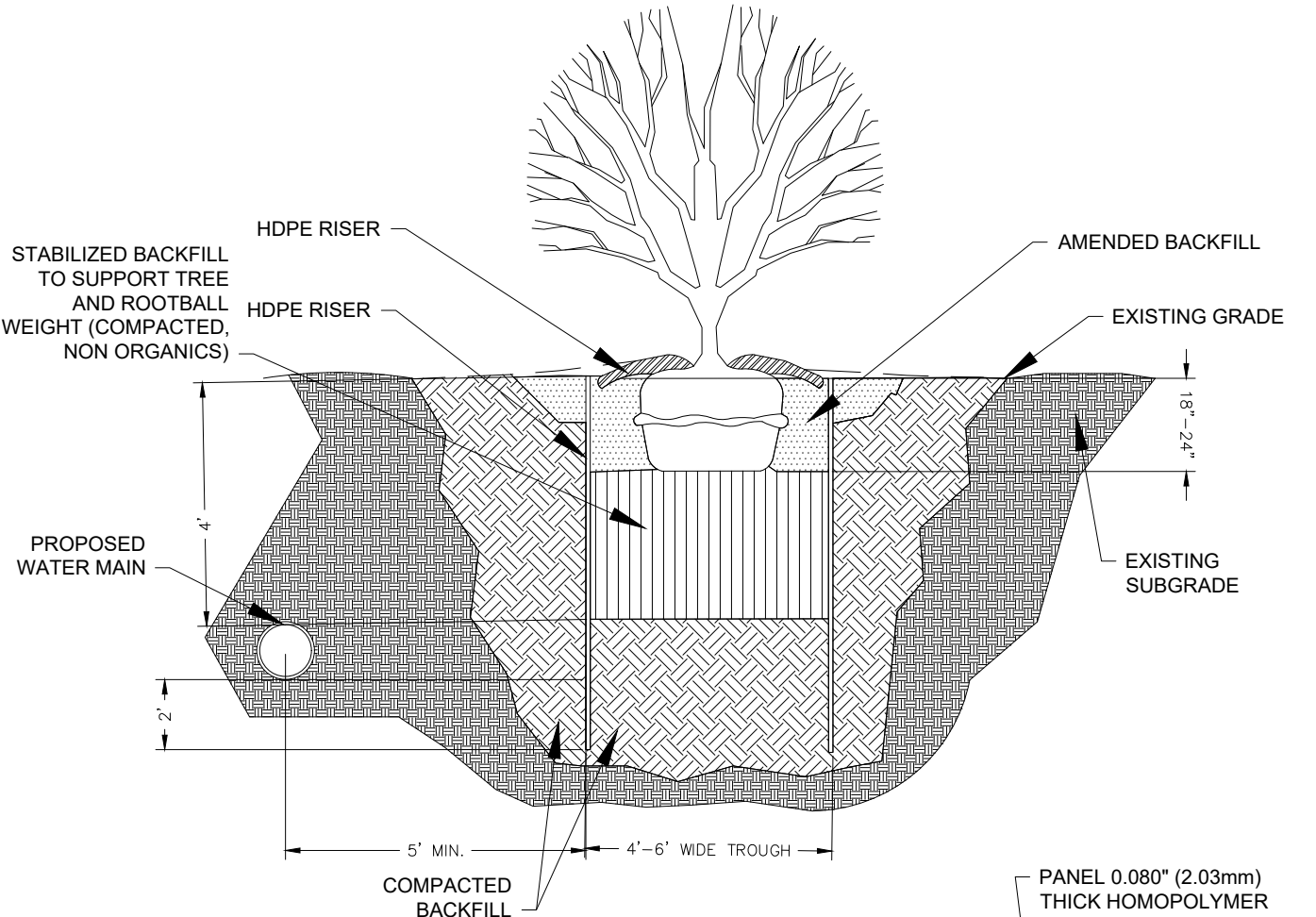


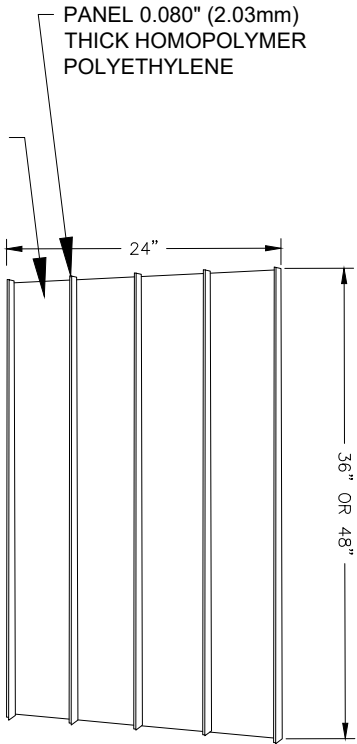


UB 36-2/UB 48-2 SPECIFICATIONS 36" AND 48" DEEPROOT TREE ROOT BARRIER

- A. MATERIALS
1. THE CONTRACTOR SHALL FURNISH AND INSTALL TREE ROOT BARRIER AS SPECIFIED. THE ROOT BARRIER SHALL BE EITHER PRODUCT #UB 36-2 OR UB 48-2 AS MANUFACTURED BY DEEPROOT GREEN INFRASTRUCTURE, LLC, 530 WASHINGTON STREET, SAN FRANCISCO, CA, WWW.DEEPROOT.COM (800).458.7668).
 2. ROOT BARRIER SHALL BE RECYCLABLE, BLACK, EXTRUDED PANELS WITH 0.80" (2.03MM) WALL THICKNESS IN MODULES 24" (609MM) LONG AND EITHER 36" (910MM) OR 48" (1220MM) DEEP.
 3. ROOT BARRIER SHALL BE MANUFACTURED WITH 100% REPROCESSED HOMOPOLYMER POLYETHYLENE WITH ADDED ULTRAVIOLET INHIBITORS.
 4. ROOT BARRIER SHALL BE COMPRISED OF 24" (609mm) MODULES. EACH PANEL SHALL HAVE NO LESS THAN FOUR (4) MOLDED INTEGRAL VERTICAL ROOT DIRECTING RIBS OF A MINIMUM 0.080" (2.03mm) THICKNESS, PROTRUDING 1/2" (12.7mm) AT 90 DEGREES FROM INTERIOR OF THE BARRIER PANEL, SPACED 6" (152.4mm) APART. (SEE DETAIL A)
 5. ROOT BARRIER SHALL HAVE AN INTEGRATED JOINING SYSTEM FOR ASSEMBLY BY SLIDING ONE PANEL INTO ANOTHER.

MATERIAL AND THICKNESS	HOMOPOLYMER POLYETHYLENE 0.080 INCH EXTRUDED	
PROPERTIES	TYPICAL VALUE	ASTM TEST METHOD
TENSILE STRESS @ YIELD	3800 PSI	D638
ELONGATION @ BREAK %	10%	D638
TENSILE MODULUS	155,000 PSI	D638
NOTCHED IZOD IMPACT	0.4 - 4.0	D256A
FLEXUAL MODULUS 73 PSI	145,000	D790
HARDNESS SHORE	P66	D2240

90 DEGREE ROOT DEFLECTING RIBS INTEGRAL PART OF PANEL



DETAIL A
TREE ROOT BARRIER FENCE



FULTON COUNTY STANDARD DETAILS

ROOT BARRIER SYSTEM
NOT TO SCALE

DATE: 02-18-2026

FULTON COUNTY PUBLIC WORKS
141 PRYOR ST.
ATLANTA, GA. 30303
404-612-7400
FAX: 404-224-0498

DETAIL NO. P-026