



**305-1002
SPECIFICATIONS**

INTENT: THIS IS A RECYCLABLE, PORTABLE ENERGY DISBURSEMENT CELL. IT IS THE INTENT OF THIS SPECIFICATION TO DESCRIBE A LIGHTWEIGHT PORTABLE PLASTIC TRAFFIC CONTROL DEVICE. THE INTENDED USE OF THE 305-1002 IS TO ASSIST IN THE PREVENTION OF VEHICULAR PENETRATION OF A WORK ZONE OR GORE AREA, STREET AND ROAD CLOSURES, AS WELL AS PROVIDING CLEAR DELINEATION FOR TRAFFIC CHANNELIZATION AND PEDESTRIAN SAFETY.

SCOPE: THIS SPECIFICATION RECOGNIZES THE NEED FOR A LIGHTWEIGHT, PORTABLE TRAFFIC CONTROL DEVICE TO PERFORM SOME OF THE FUNCTIONS OF CONCRETE BARRIERS, CONES, BARRELS, TYPE I, II, III, BARRICADES AND OTHER SUCH DEVICES USED TO CONTROL, DIRECT, CHANNEL AND STOP VEHICULAR AND PEDESTRIAN TRAFFIC FOR PURPOSES OF AIDING IN CONTAINMENT AND/OR SAFETY.

CONSTRUCTION: THIS IS MADE USING ROTATIONAL MOLDING TO INSURE WATERTIGHTNESS AND INTEGRITY. THE UNIT IS MANUFACTURED WITH INTERNALLY MOLDED BAFFLES IN ORDER TO MAINTAIN ITS SHAPE, BE PROPERLY SEALED AND LEAKPROOF. THE UNIT IS PROVIDED WITH DRAINPLUGS AND UNDERSIDE GROOVES TO ALLOW FLOW OF SURFACE DRAINAGE. THE DIMENSIONS OF THE UNIT ARE AS FOLLOWS:

HEIGHT: 32"

BASE WIDTH: 18"

FUNCTIONAL LENGTH: 72"

MALE CONNECTION: 5.25"

FEMALE INDENTATION: 6"

TOP FILL HOLES: 4"

POST BOOT: 3.75 AND 2.75"

THE UNIT IS JOINED BY A UNIQUE COUPLING DEVICE THAT AIDS IN THE PREVENTION OF SEPARATION OF THE INDIVIDUAL PORTABLE ENERGY DISBURSEMENT CELL UNITS IN THE EVENT OF AN IMPACT. THE UNIT HAS PORTS DEvised TO ALLOW FOR GROUND MOUNTING AND FORKLIFT HOLES FOR EASE OF MOBILITY WHEN FILLED.

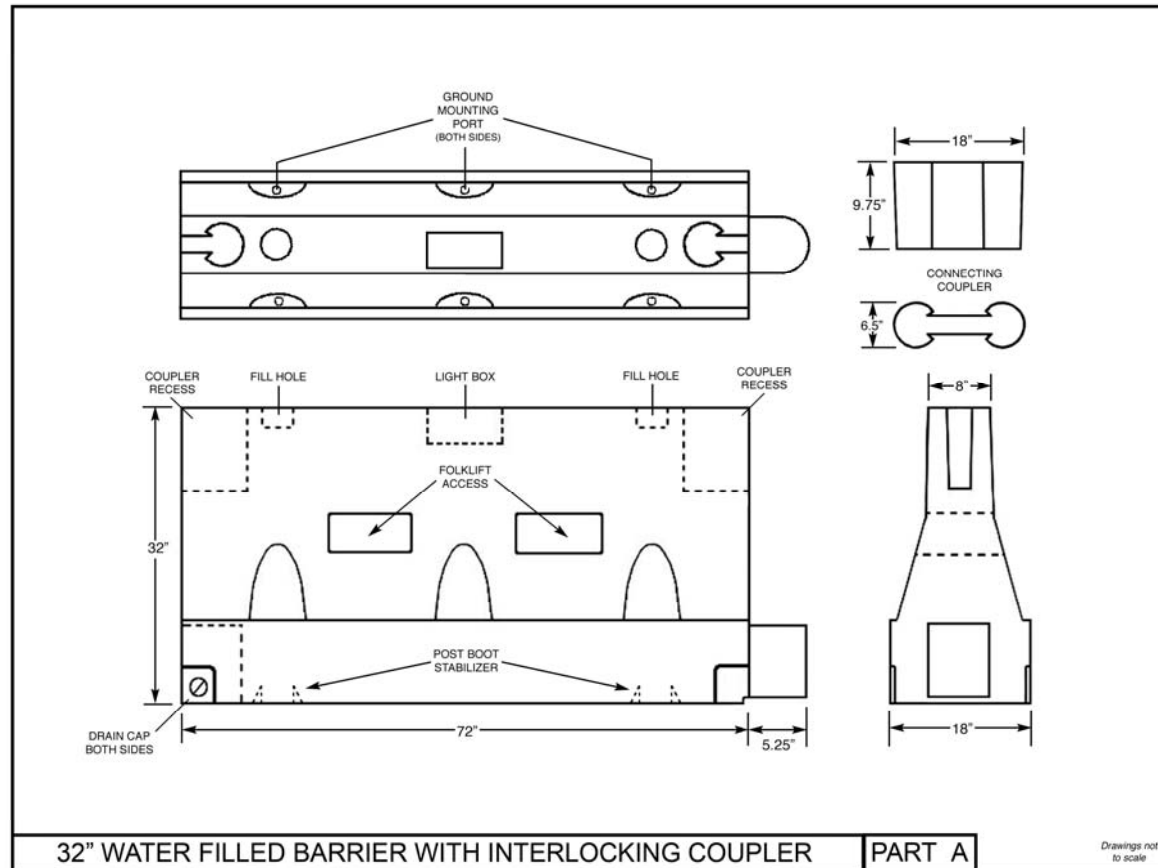
MATERIAL: THE MATERIAL IS A RECYCLABLE POLYETHYLENE. IT IS ROTATIONALLY MOLDED TO A THICKNESS OF APPROXIMATELY 8mm

ULTRAVIOLET LIGHT: AN ULTRAVIOLET LIGHT INHIBITOR IS INTRODUCED INTO THE RAW MATERIAL MIX TO PROVIDE SUFFICIENT PROTECTION TO ENSURE REASONABLE LIFE OF THE PRODUCT IN REASONABLE WEATHER CONDITIONS.

COLORS: THE STANDARD COLORS OF THE 305-1002 IS OPAQUE IVORY AND ORANGE. OTHER COLORS MAY BE INTRODUCED FROM TIME TO TIME AS REQUIRED TO COMPLY WITH STATE AND FEDERAL REGULATIONS.

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INSTALLATION: EACH UNIT SHALL WEIGH APPROXIMATLY 75 POUNDS EMPTY AND UP TO APPROXIMATLY 880 POUNDS WHEN WATER FILLED. WHEN INSTALLED AS A LONGITUDINAL CHANELIZER, THE UNITS CAN BE INTERLOCKED END TO END AT BOTTOM WITH FEMALE INDENTATION AND MALE CONNECTION, AND AT TOP WITH LOCKING COUPLING DEVICE AND BALLASTED. WHEN INSTALLED AS A WORK ZONE SAFETY DEVICE OR ROAD CLOSURE THE UNITS MAYBE USED EMPTY, BALLASTED, OR COMPLETELY FILLED WITH WATER. WARNING FLAGS, STEADY BURNING LIGHTS OR FLASHING LIGHTS CAN BE SECURELY MOUNTED TO EACH UNIT IF CONDITIONS REQUIRE.



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