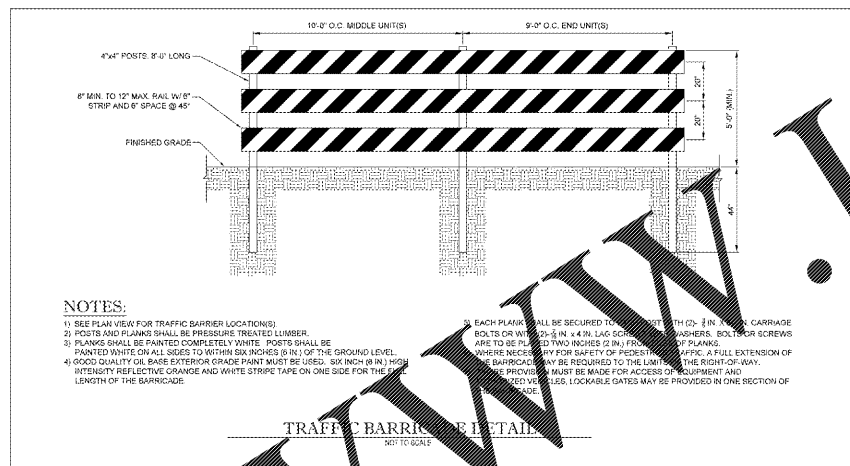


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- NOTES:**
- SEE PLAN VIEW FOR TRAFFIC BARRIER LOCATIONS.
 - POSTS AND PLANS SHALL BE PRESSURE TREATED LUMBER.
 - PLANS SHALL BE PAINTED COMPLETELY WHITE. POSTS SHALL BE PAINTED WHITE ON ALL SIDES TO WITHIN ONE INCHES (8 IN.) OF THE GROUND LEVEL.
 - GOOD QUALITY OIL BASE EXTERIOR GRADE PAINT MUST BE USED. SIX INCH (6 IN.) HIGH HIGHLY REFLECTIVE ORANGE AND WHITE STRIPS TAPE ON ONE SIDE FOR THE LENGTH OF THE BARRICADE.
 - EACH PLANK SHALL BE SECURED TO THE POST WITH (2) #8 x 4 IN. CARRIAGE BOLTS OR WITH (2) #8 x 4 IN. LAG SCREWS. WASHERS, BOLTS OR SCREWS ARE TO BE PAINTED TWO INCHES (2 IN.) FROM EACH END OF PLANKS.
 - POSTS SHALL BE SPACED 10 FEET ON CENTER FOR SAFETY OF PEDESTRIANS. A FULL EXTENSION OF THE BARRICADE MAY BE REQUIRED TO THE LIMIT OF THE RIGHT-OF-WAY.
 - POSTS SHALL BE SPACED TO ALLOW FOR ACCESS OF PEDESTRIANS AND VEHICLES. LOCKABLE GATES MAY BE PROVIDED IN ONE SECTION OF THE BARRICADE.

ADS SINGLE WALL HEAVY DUTY PIPE

SCOPE
This specification describes 3'-through 24'-length 175 to 600 mm ADS single wall heavy duty corrugated polyethylene highway pipe for use in gravity flow drainage applications.

PIPE REQUIREMENTS
ADS single wall corrugated heavy duty pipe shall meet the following requirements:
 • 3' through 175 to 350 mm shall meet ASTM F467.
 • 3' through 24' shall meet 2001 to 600 mm shall meet ASTM F467.

JOINT PERFORMANCE
Joints for 3' to 24' shall meet 175 to 600 mm shall be made with gaskets or gasket rings. Standard gaskets shall meet the requirements of the ASTM F467 or ASTM F467. Gasketed connections shall incorporate a 175mm end splined interlock member meeting the requirements of ASTM F1709 Grade 242. Details when applicable shall be required by the pipe manufacturer.

FITTINGS
Fittings shall conform to ASTM F467 or ASTM F467.

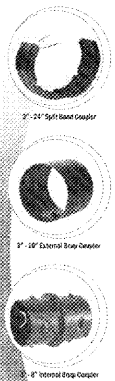
MATERIAL PROPERTIES
The resulting material shall be high density polyethylene conforming with the minimum requirements of cell compound 4224300 as defined and described in the latest version of ASTM D3350 or ASTM D3349 Type II, Class II, Category A, Grade P48.

INSTALLATION
Installation shall be in accordance with ASTM D2922 and ADS recommended installation guidelines with the exception that installation shall be on a prepared subgrade. ADS shall provide detailed installation instructions for 3' through 24' and 175 to 600 mm. Customers shall be directed to the ADS website for ADS installation and ADS pipe details. www.ads-pipe.com for a copy of the latest installation guidelines.

PIPE DIMENSIONS

Length	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'	22'	23'	24'	
Weight (kg)	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10.0

ADS Pipe Details: www.ads-pipe.com



TIMBER RETAINING WALLS

- GENERAL NOTES:**
- All timber shall be 6x6, weather proof, grade 62 or better and pressure treated in accordance with American Wood Protection Association standards for ground contact.
 - All systems shall be 4x4 or equivalent, but aligned galvanized or stainless steel and treated base (see note 1). Posts shall be of sufficient length to penetrate the base member a minimum of 2 inches.
 - Member joints shall be staggered a maximum of 5.0 feet from the left of the corner above and below.

WALL CONSTRUCTION:
The construction of a timber retaining wall shall conform to the details shown in FIGURE 1 through FIGURE 3.

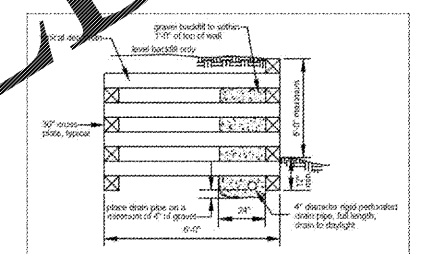
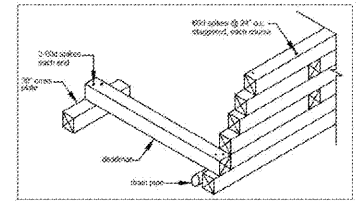


FIGURE 1: TYPICAL ELEVATION
FIGURE 2: TYPICAL SECTION

BEADMAN REQUIREMENTS

Division shall be paid at X feet on center or shown in FIGURE 1. Division and cover plate shall be constructed as shown in FIGURE 3. Divisions are not required in the tension corner before grade.



CORNER REQUIREMENTS

Each end member shall be secured in each end with 2-6061 splines driven vertically into the member below. The members shall be secured with 2-6061 splines and driven horizontally as shown in FIGURE 4.

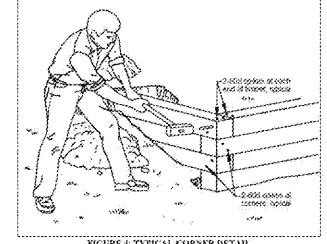


FIGURE 3: TYPICAL BEADMAN DETAIL
FIGURE 4: TYPICAL CORNER DETAIL

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THE FOLLOWING STATE REQUIREMENTS BY REGULATORY AGENCIES OR BY FEDERAL REGULATIONS SHALL BE OBSERVED AND MAINTAINED TO THE EXTENT OF THE STATE OF VIRGINIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

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SITE DETAILS

WALMART SUPERCENTER #1904-005 - SPAM #1
CATOCTIN ELECTION DISTRICT
LEESBURG, LOUDOUN COUNTY, VA

WAL-MART STORES, INC.
BENTONVILLE, AR

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DATE	12/22/16
SCALE	AS SHOWN
JOB NO.	S148200
SHEET	

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SHEET 58 OF 103