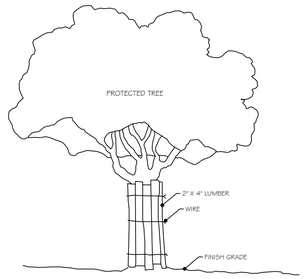
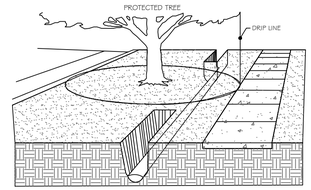


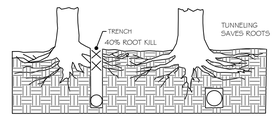
In situations where a protected tree remains in the immediate area of intended construction and the tree may be in danger of being damaged by construction equipment or other activity, the contractor or subcontractor shall protect the tree with 2" x 4" lumber encircled with wire or other means that do not damage the tree. The intent is to protect the trunk of the tree against incidental contact by large construction equipment.

BARK PROTECTION

N.T.S.

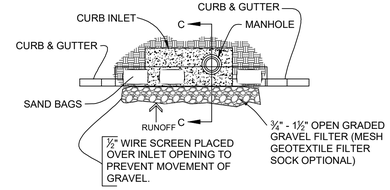


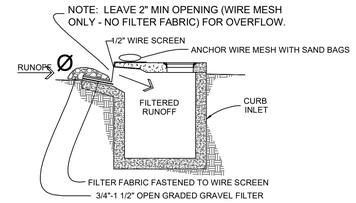
BORING: Boring of utilities under protected trees shall be required in those circumstances where it is not possible to trench around the critical root zone of the protected tree. When required, the length of the bore shall be the width of the critical root zone at a minimum and shall be a minimum depth of 48 inches.



BORING AND TUNNELING

N.T.S.



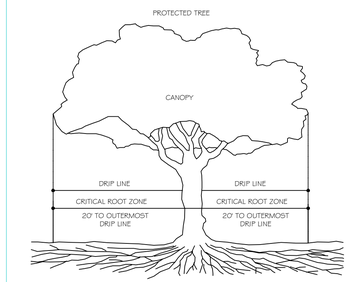


CROSS SECTION C-C

Ø SEDIMENT REMOVAL SHALL BE PERFORMED CONTINUOUSLY FOR PROPER FUNCTION.

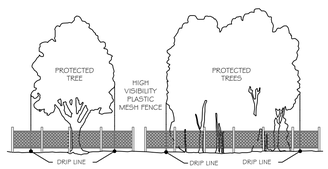
(HIGHER VOLUME TRAFFIC AREAS)

CURB INLET PROTECTION



CRITICAL ROOT ZONE AREA

N.T.S.

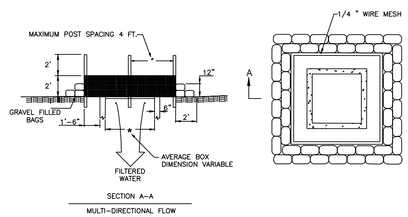


PROTECTIVE FENCING: Orange vinyl construction fencing, chain link fencing, snow fencing, or other similar fencing at least four feet (4') high and supported at a maximum of ten-foot (10') intervals by approved methods sufficient enough to keep the fence upright and in place. The fencing shall be of a highly visible material.

PRIOR TO CONSTRUCTION: The contractor or subcontractor shall construct and maintain, for each protected tree or group of trees on a construction site, a protective fencing which encircles the outer limits of the critical root zone of the trees to protect it from construction activity. All protective fencing shall be in place prior to commencement of any site work and remain in place until all exterior work has been completed.

TREE PROTECTION FENCING

N.T.S.



SECTION A–A

MULTI–DIRECTIONAL FLOW

1. SEDIMENT CONTROL STONE SHALL BE NO. 5 OR NO. 57.

2. WIRE MESH SHALL BE HARDWARE CLOTH 23 GAUGE MIN. AND SHALL HAVE 1/4 INCH MESH OPENINGS.

3. TOP OF WIRE MESH SHALL BE A MINIMUM OF ONE FOOT BELOW THE SHOULDER OR ANY DIVERSION POINT.

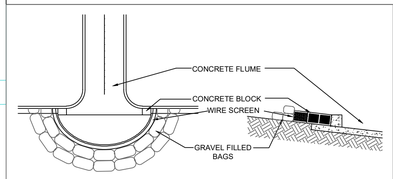
4. STEEL POST SHALL BE 5 FT. IN HEIGHT, BE INSTALLED 1.5 FT. DEEP MINIMUM AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.

5. WOOD POST SHALL BE 6 FT. IN HEIGHT, BE INSTALLED TO 1.5 FT. DEEP MINIMUM, AND BE 3 INCHES IN DIAMETER.

6. POST SPACING SHALL BE A MAXIMUM OF 4 FT.

WIRE MESH AND GRAVEL BAG GRATE INLET PROTECTION

N.T.S.



OUTLET PROTECTION BLOCK & GRAVEL BAG

N.T.S.

STABILIZED CONSTRUCTION ENTRANCE

1. STONE SHALL BE 5 TO 10 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.

2. LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.

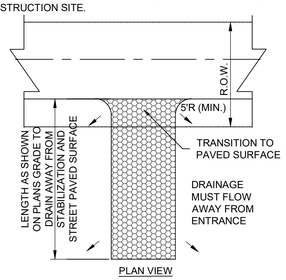
3. THE THICKNESS SHALL NOT BE LESS THAN 8 INCHES.

4. THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.

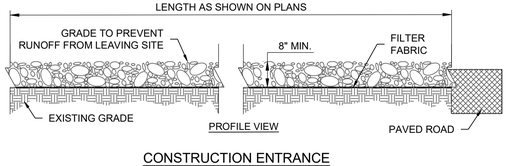
5. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN FLASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.

6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED SURFACES, MUST BE REMOVED IMMEDIATELY.

7. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.



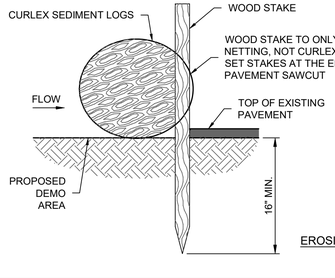
PLAN VIEW

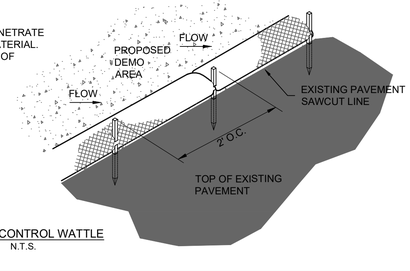


PROFILE VIEW

CONSTRUCTION ENTRANCE

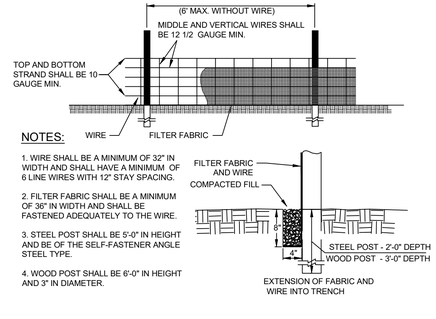
N.T.S.





EROSION CONTROL WATTLE

N.T.S.



NOTES:

1. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.

2. FILTER FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE.

3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.

4. WOOD POST SHALL BE 6'-0" IN HEIGHT AND 3" IN DIAMETER.

SEDIMENT FENCE DETAIL

REV	DATE	DESCRIPTION	BY
----	01/16/2017	ISSUE FOR PERMIT	HJM
----	02/28/2017	PER CITY AND NMDOT COMMENTS	HJM
----	----	----	----
----	----	----	----

ADAMS JOB NO.: 2012.299

Adams
8951 Cypress Waters Blvd, Suite 150 ■ Dallas, Texas 75019 ■ (817) 328-3200

ROBERT G. KOBALD JR. NEW MEXICO 15142 LICENSED PROFESSIONAL ENGINEER
2.28.17

PLAN APPROVALS		
OFFICE	MTN. SOUTHWEST FIELD EXECUTION TEAM	McDONALD'S L/C: 030-00014
ADDRESS	KROC DRIVE - OAK BROOK, ILLINOIS 60521	

SIGNATURE (2 REQUIRED)	DATE
REGIONAL MGR.	
CONST. MGR.	
OPERATIONS DEPT.	
REAL ESTATE DEPT.	

CO-SIGN SIGNATURES	
CONTRACTOR	
OWNER	

McDonald's USA, LLC

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1501 COORS BLVD NW
ALBUQUERQUE, NM

	DATE	BY
DESIGNED	JAN 2017	HJM
DRAWN	JAN 2017	HJM
CHECKED	----	----
AS-BUILT		

EROSION CONTROL DETAILS

C3.1

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FULL PATH: U:\Projects\2012\2012.299 McDonalds - Albuquerque, NM (Hanover)\Drawings\03-Production-MCD\C3.1 EROSION CONTROL DETAILS.dwg
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PLOT DATE: Tuesday, February 28, 2017
PLOTTED BY: Heather Maccomber
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