

HISTORIC LANDMARK COMMISSION
MAY 21, 2012
APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS
C14H-1990-0012
Wooldridge Square
900 Guadalupe

PROPOSAL

Improvements to site utilities, and irrigation system and planting trees.

PROJECT SPECIFICATIONS

The applicant proposes to make the following grounds improvements:

- Electrical service improvements including undergrounded supply for pergola, path lighting, irrigation controller, vendor/concession location, special events, drinking fountain and future improvements in the right-of-way. Includes new 24" x 24" x 4'-6" high stainless steel electrical distribution vault at north edge of square.
- Installation of new irrigation system for turf and trees.
- Restoration of turf.
- Planting 8-10 trees including Texas Ash, Mexican White Oak, Burr Oak and Montezuma Cypress.
- Installation of temporary 8'-0" high construction fencing around perimeter of park, erosion control and tree protection. Fencing to remain until Spring 2013 months.

STANDARDS FOR REVIEW

The Commission's Standards for Review are:

- The distinguishing original qualities or character of a property and its environment shall not be destroyed. Removal or alteration of any historic material or distinctive architectural features should be avoided.
- All properties shall be recognized as products of their own time. Alterations which have no historical basis and which seek to create an earlier appearance shall be discouraged.
- Changes that have taken place in the course of time may have acquired significance in their own right, and shall be recognized and respected.
- Distinctive stylistic features or examples of skilled craftsmanship that characterize a property shall be treated with sensitivity.
- Deteriorated architectural features shall be repaired rather than replaced whenever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features should be based on an accurate duplication of features, substantiated by historical, physical, or pictorial evidence.
- Contemporary designs for alterations and additions to existing properties are appropriate when such alterations and additions do not destroy significant historic,

architectural, or cultural material and are compatible with the size, scale, color, material, and character of the property, neighborhood, or environment.

- Whenever possible, new additions or alterations to structures shall be done in such a manner that if such additions or alterations were to be removed in the future, the essential form and integrity of the structure would not be impaired.
- The installation of protective or code-required mechanical systems shall be concealed whenever possible so as not to intrude upon or detract from the property's aesthetic and historical qualities except where concealment would result in the alteration or destruction of historically significant materials or spaces.

COMMITTEE RECOMMENDATIONS

Approve plans as presented.

STAFF RECOMMENDATION

Approve plans as presented..

PHOTOS









Wooldridge Square Site Study, History and Usage Patterns

The following is a historic context taken from a UT report titled, “Wooldridge Square Site Study,” prepared by the School of Architecture at UT and sponsored by the Downtown Austin Alliance Parks Committee in June 2007.

The plot of land along the southern edge of the park was home to three different churches until the 1930s. In 1913, Mayor Wooldridge successfully petitioned the state legislature to rezone the southern edge of the Wooldridge Square for public library use. In 1926, with the help of the fundraising efforts of the Austin Chapter of the American Association of University Women, a temporary library structure was erected there. That building was replaced in 1933 by a permanent structure, designed by Hugo Keuhne. It served as the city’s central library until 1979 when the Faulk Library was built at 800 Guadalupe Street. In 1983, after extensive renovations, the original library building became the home of the Austin History Center, a use it continues to serve today.⁴ The building has been designated a Texas Historic Landmark, and is also on the National Register of Historic Places.

Along the northern edge of the park, Mayor Wooldridge’s own home, part of the intact residential fabric, was demolished to make way for the Travis County Courthouse which was constructed in 1930. Page Brothers Architects designed the art deco, multi-story courthouse, which introduced a major scalar shift for the area around the park. Subsequent additions were made to the courthouse in 1959 and 1962. Since then, the county has also added an annex building, a 5-story jail, and the high-rise Blackwell-Thurman Criminal Justice Center which was completed in 2001. Those blocks to the north and northwest of the park have been consolidated into one large block. While the jail has a 10th Street address, the larger courthouse complex is entered from 11th Street, and can no longer be accessed from the park.

The County also owns the block to the northeast of Wooldridge Square. It holds the Travis County Precinct 5 Constable Office and a print shop which are located in a low, one-story building. The County Public Relations and Human Resources Center is housed in a 4-story building on the northwest corner of that block. Both buildings are from the latter half of the 20th century and are of little architectural merit.

The block directly to the east was once filled with one and two-story homes. Most were removed by the 1970s. Today, the site contains a single-story drive-thru bank, currently operated by Bank of America. A converted 2-story mechanics garage on the northeast corner of the property is home to the Rusk Law firm. The remaining land is a surface parking lot. Both city blocks, to the east and northeast, are severely limited for future development by the Capitol View Corridor Ordinance, which will be discussed later in this section. A Moonlight Tower, also from the era of A.P. Wooldridge, occupies the corner to the southeast of Wooldridge Square.

The block to the west of Wooldridge Square is home to a 4-story parking garage that serves the Travis County complex and one private 2-story home. Occupying a large grassy lot, the house is surrounded by a low perimeter fence. On the block to the southwest of the square, there is a 9-story office building constructed in the 1980s.

What activities or uses has the park supported since its inception?

The park has a long history of supporting performance and political activities. The City organized concerts every Friday night for the twenty years following the bandstand’s construction. And in 1918 a Community Sing brought out nearly 10,000 civilians and soldiers for a show of solidarity during World War I. Boys and Girls Week, a celebration of the city’s

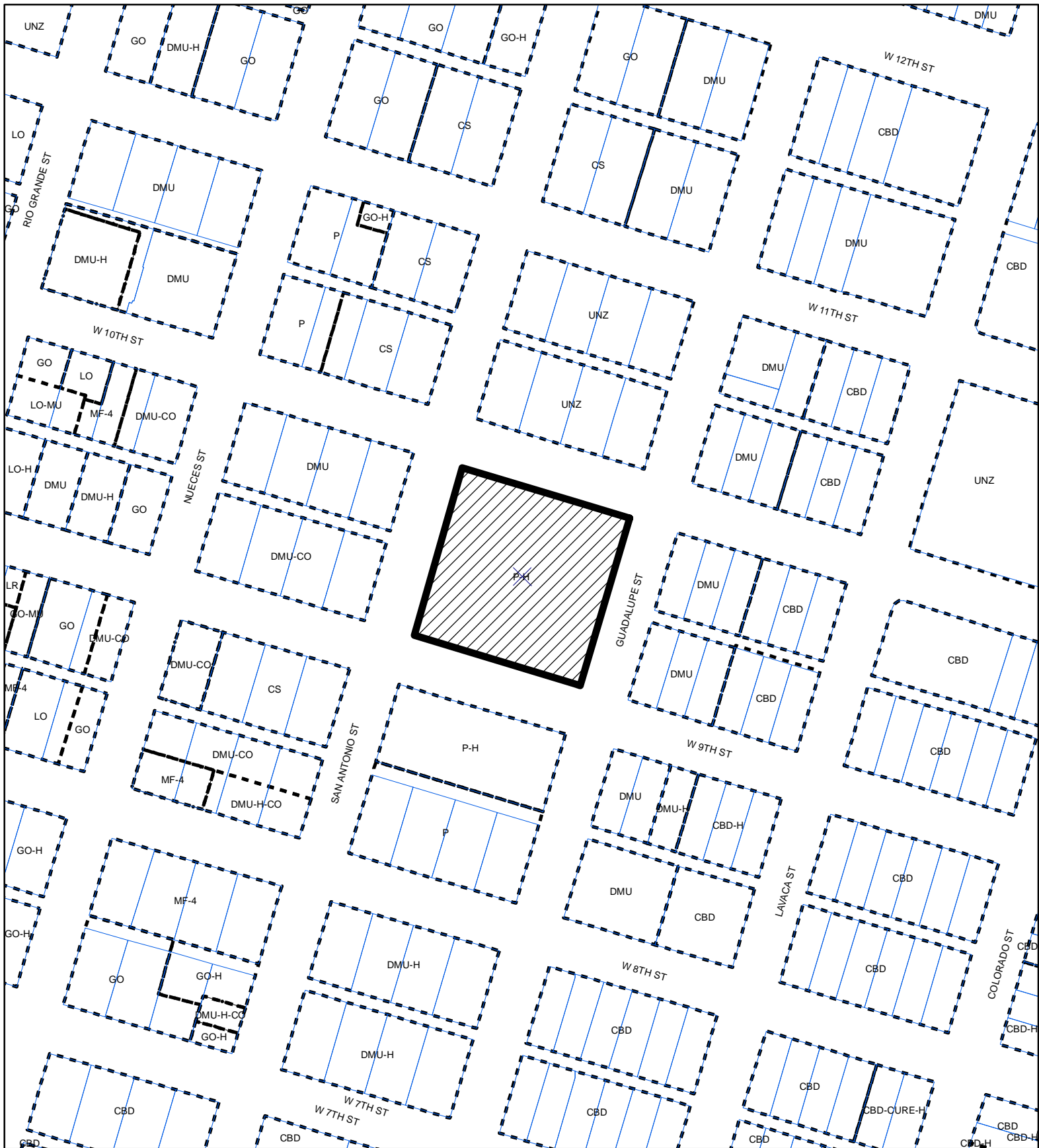
children by the Austin Parks Department, is an example of civic programming that occurred in the park in the 1930s. Since the late 1980s, the park has become host to temporary and seasonal programming, as well as annual events. These activities, as well as the entities responsible for their staging, are discussed in depth in Section 4, “Programming,” of this report.

Governor Colquitt (1911-1915) began the tradition of launching campaigns from the bandstand. Since that time, many politicians—including Lyndon Baines Johnson in his bid for the Presidency—began their campaigns from this spot. Wooldridge Square continues to be known as a forum for lively political speeches and debates. A 2004 editorial by University of Texas Department of Government lecturer Gary Keith says that former Congressman Bob Eckhardt of Austin argued, “American politics needed a national Wooldridge Park, where we could come to freely and passionately argue politics and policy.”⁵

What are the layers of physical and topographic manipulation and change that have occurred to the park?

The form and specific design of Wooldridge Square has changed over time. Topographically it remains a bowl, sloping downward from its street edges. Although the park served as a dump after the city was platted in 1839, that use was discontinued in the early part of the 20th century and the Square was formally dedicated as a park in 1909. The bandstand was constructed in 1910. In 1917 the diagonal sidewalk was added. The brook running through the Square is no longer in evidence, and the original ponds were filled in at some point. However, the dates associated with these changes are unclear, and little is written about the planting or design of the current landscape. Evaluation of the current state of the park occurs in Section 3 of this report, “Site systems and Infrastructure.”

The bandstand has undergone two major renovations in its 97-year history. The first, in 1942, was to replace rotted wood. The second, in 1996, addressed rotted wood as well as lead paint abatement. In both instances, the structure was completely disassembled and rebuilt according to its original design. The performance platform is 24’ x 24’ in dimension. At some point, perhaps in 1996, the foundation of the bandstand was filled in for storage/mechanical use and the bridge-like quality of the foundation, which was highlighted in early newspaper reports, is no longer in evidence. Every year, the city of Austin Parks Department repaints the pavilion.



HISTORIC ZONING

ZONING CASE#: C14H-90-0012



SUBJECT TRACT



PENDING CASE



ZONING BOUNDARY

1"=200'

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

This product has been produced by CTM for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.



SHEET INDEX:

- COVER SHEET: PROJECT INFORMATION
- GP.1 STANDARD NOTES AND DETAILS:
EROSION/SEDIMENTATION CONTROL
- GP.2 STANDARD NOTES AND DETAILS:
TREE PROTECTION AND ENVIRONMENTAL
NOTES
- L-0 TEMPORARY SEDIMENTATION, EROSION CONTROL and
TREE PROTECTION PLAN
- L-1 SITE UTILITY PLAN
- L-2 SITE IRRIGATION PLAN
- L-3 SITE LANDSCAPE PLAN

NOTES:

1. CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT
24 HOURS PRIOR TO STARTING CONSTRUCTION OR
CLEARING OPERATIONS.
2. CONTRACTOR SHALL CALL "ONE CALL" AT 1-800-344-8377 FOR
UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO ANY WORK IN
CITY EASEMENTS OR STREET RIGHT-OF-WAY.
3. THIS PROJECT IS LOCATED WITHIN THE SHOAL CREEK
WATERSHED (CLASSIFIED AS URBAN) AND SHALL BE DEVELOPED,
CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 25
OF THE CODE OF THE CITY OF AUSTIN.
4. X/NO PORTION OF THIS SITE IS LOCATED WITHIN PARKLAND
OR LAND USED FOR PARK PURPOSES. (IF SUCH LAND IS INCLUDED,
DOCUMENTATION OF PARKS AND RECREATION DEPARTMENT APPROVAL
IS REQUIRED AT THE TIME OF SUBMITTAL FOR GENERAL PERMIT
PROGRAM APPROVAL.)
5. /NO X PORTION OF THIS SITE IS LOCATED WITHIN THE
100-YEAR FLOODPLAIN PER CITY OF AUSTIN AND FEDERAL
EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAPS.
6. THIS PROJECT /IS/IS NOT X WITHIN THE EDWARDS AQUIFER
RECHARGE ZONE AS DEFINED BY THE CITY OF AUSTIN. THIS PROJECT
 /IS/IS NOT X WITHIN THE EDWARDS AQUIFER RECHARGE ZONE AS
REGULATED BY THE TEXAS NATURAL RESOURCES CONSERVATION
COMMISSION (TNRCC).
7. THERE /ARE/ARE NO X CRITICAL ENVIRONMENTAL FEATURES WITHIN 150' OF
ANY PORTION OF THIS PROJECT. A FIELD INVESTIGATION HAS BEEN PERFORMED
AS A PART OF THIS PROJECT. A FIELD INVESTIGATION X HAS NOT BEEN PERFORMED
AS A PART OF THIS PROJECT AND IS NOT REQUIRED.
8. PARTY RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE:

COMPANY: MARTY STUMP - PARD PHONE: 512-974-9460

PARTY RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE:

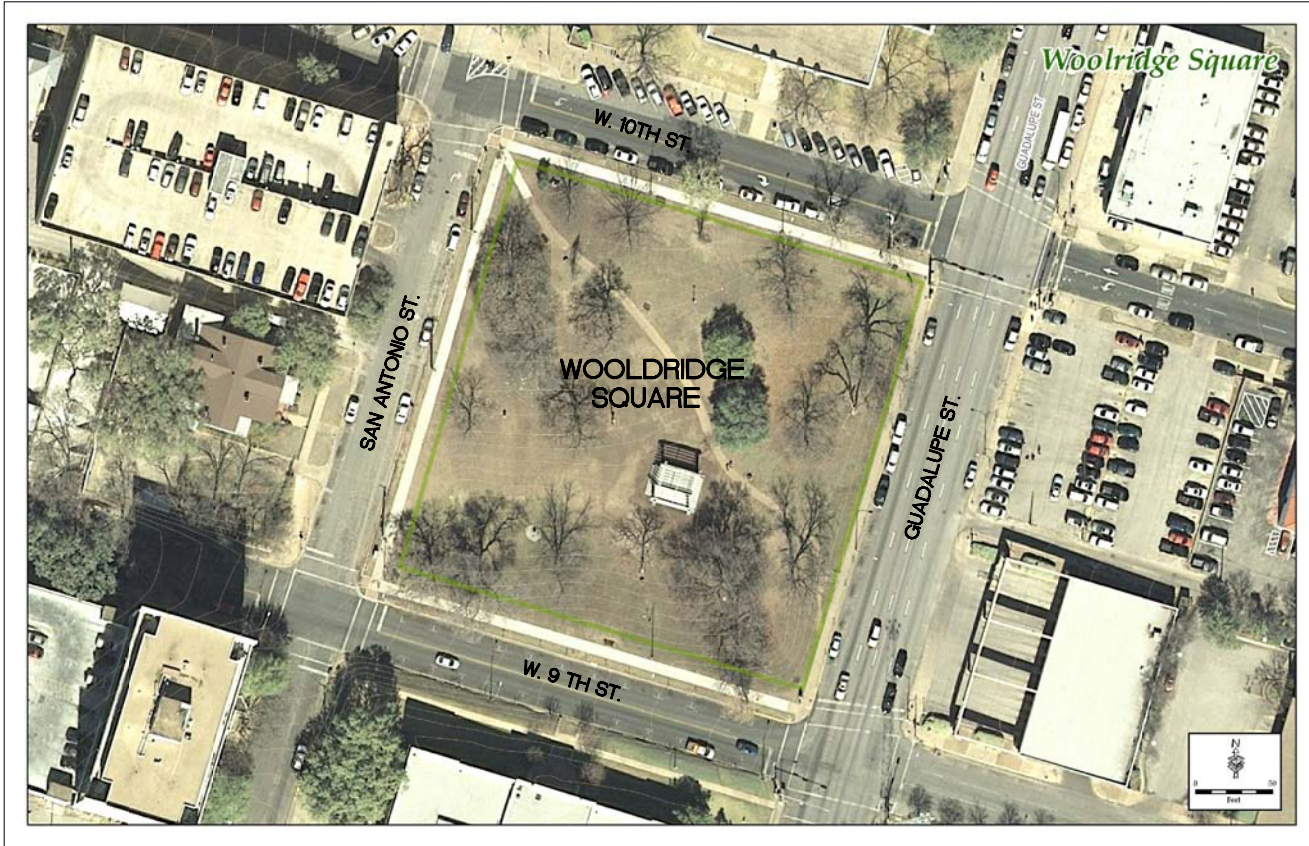
COMPANY: MARTY STUMP - PARD PHONE: 512-974-9460
9. THE STANDARD SHEETS INCLUDED IN THIS PLAN SET WERE PROVIDED BY THE
GENERAL PERMIT PROGRAM OFFICE FOR USE ON GENERAL PERMIT PROJECTS
ONLY. IF ANY MODIFICATIONS TO THE SHEETS WERE MADE, THEY ARE
CLEARLY INDICATED ON THE SHEET ITSELF AND IN THE COVER SHEET INDEX.
10. ADDITIONAL TRENCH E/S CONTROL: TRIANGULAR SEDIMENT FILTER DIKE (TYPE I)
WILL BE INSTALLED ACROSS FULL WIDTH OF TRAFFIC CLOSURE AND DOWNSTREAM
OF CONSTRUCTION AREA, PERPENDICULAR TO CURB, FILTER DIKE TO FOLLOW
ACTIVE CONSTRUCTION, REMOVING AND RE-SETTING TYPE I DIKE IS CONSIDERED
SUBSIDIARY TO BARRICADES AND TRAFFIC HANDLING.
11. PHASING, IF PROPOSED BY THE CONTRACTOR, WILL BE DELINEATED AND THE INFORMATION
PROVIDED TO THE GENERAL PERMIT OFFICE PRIOR TO THE FIELD PRE-CONSTRUCTION MEETING.
ADDITIONALLY, THE GENERAL PERMIT OFFICE WILL BE NOTIFIED VIA E-MAIL A MINIMUM
OF 24 HOURS IN ADVANCE OF TRANSITION BETWEEN PHASES.

GENERAL PERMIT PROGRAM CORRECTIONS RECORD						
No.	DESCRIPTION	BY	CORRECT (C) ADD (A) VOID (V) SHEET Nos.	TOTAL No. SHEETS IN CORRECTION PLAN SET	CITY OF AUSTIN APPROVAL/DATE	DATE IMAGED

CITY OF AUSTIN

PARKS AND RECREATION DEPT.

WOOLDRIDGE SQUARE SITE IMPROVEMENTS



LOCATION MAP

N.T.S.

CONSTRUCTION SEQUENCE:

1. INSTALLATION OF TREE PROTECTION AND EROSION CONTROLS.
2. PRECONSTRUCTION CONFERENCE WITH ENVIRONMENTAL INSPECTOR.
3. DELINEATION OF CONSTRUCTION ENTRANCE AND CONSTRUCTION STAGING AREA.
4. PROJECT CONSTRUCTION:
5. REMOVE DELINEATION OF CONSTRUCTION ENTRANCE AND CONSTRUCTION STAGING AREA.
6. RE--VEGETATION.
7. FINAL INSPECTION. REMOVAL OF TREE PROTECTION AND EROSION CONTROLS.

NOTES:
GENERAL PERMIT PROGRAM APPROVAL DOES NOT CONSTITUTE
UTILITY ALIGNMENT/ASSIGNMENT APPROVAL.

RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A
VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS
SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY
RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY
OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS
REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.

PROJECT INFORMATION:

STREET ADDRESS:
900 GUADALUPE ST.
OWNER:
CITY OF AUSTIN

CONTACT:
MR. MARTY STUMP
919 W. 28¹₂ STREET
AUSTIN, TX 78705
(512) 974-9460

LANDSCAPE ARCHITECT:
MR. MARTY STUMP
919 W. 28¹₂ STREET
AUSTIN, TX 78705
(512) 974-9460

SUBMITTAL PREPARED BY:



APPROVALS:

SUBMITTED FOR APPROVAL BY:

DATE

APPROVED BY:

GENERAL PERMIT HOLDER DATE

GP-12-0000.PAR
ANNUAL GENERAL PERMIT NUMBER

3/13/2004
ANNUAL GENERAL PERMIT EXPIRATION DATE

APPROVED BY:

GENERAL PERMIT PROGRAM COORDINATOR
WATERSHED PROTECTION DEPARTMENT DATE

CITY OF AUSTIN TRACKING NUMBER

SUBMITTAL DATE:

GENERAL PERMIT PROGRAM
STANDARD ENVIRONMENTAL NOTES

ADDITIONAL AREAS NOTES:

- ANY ADDITIONAL AREAS REQUIRED FOR CONSTRUCTION OF THIS PROJECT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MUST SECURE CITY OF AUSTIN APPROVAL OF PROPOSED ADDITIONAL AREAS PRIOR TO USE. APPROVAL MUST BE SECURED FROM THE GENERAL PERMIT OFFICE OF THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW DEPARTMENT.
- ALL ASSOCIATED PERMITS AND FEES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- IN ORDER TO SECURE APPROVAL FOR USE OF ADDITIONAL AREAS, CONTRACTOR MUST PROVIDE COMPLETE SUBMITTAL TO GENERAL PERMIT OFFICE AND ALLOW A ONE WEEK COMMENT PERIOD FOR EACH REVIEW. CONTRACTOR SHOULD REQUEST MORE INFORMATION ON THE ELEMENTS REQUIRED TO BE INCLUDED IN THE SUBMITTAL FROM THE OWNER'S CONTACT PERSON FOR THIS PROJECT (LISTED ON THE COVER OF THIS PLAN SET).
- CONTRACTOR MUST INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROLS AND TREE PROTECTION FOR ALL SUCH AREAS IN ACCORDANCE WITH THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL AND AS INCLUDED IN THE APPROVED SUBMITTAL OR DIRECTED IN THE FIELD BY THE GENERAL PERMIT OFFICE INSPECTOR.
- A SIGNED COPY OF THE GENERAL PERMIT OFFICE APPROVAL MUST BE KEPT ON SITE AND ACCESSIBLE AT ALL TIMES DURING PROJECT CONSTRUCTION.

DEWATERING NOTE:

CONTRACTOR IS RESPONSIBLE FOR DEWATERING OF WORK AREA. CONTRACTOR MUST SECURE CITY OF AUSTIN APPROVAL OF PROPOSED DEWATERING PROCEDURES PRIOR TO INSTALLATION OR USE. APPROVAL MUST BE SECURED FROM THE GENERAL PERMIT OFFICE OF THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW DEPARTMENT. CONTRACTOR MUST PROVIDE COMPLETE SUBMITTAL TO GENERAL PERMIT OFFICE AND ALLOW A ONE WEEK (MIN.) COMMENT PERIOD FOR EACH REVIEW. CONTACT THE GENERAL PERMIT OFFICE FOR SUBMITTAL REQUIREMENTS.

FUEL STORAGE NOTE:

FUEL STORAGE IS PROHIBITED ON THIS PROJECT. ADDITIONALLY, THE CONTRACTOR IS REQUIRED TO NOTIFY THE GENERAL PERMIT OFFICE IMMEDIATELY FOLLOWING ANY SPILL OF FUEL OR OTHER TOXIC MATERIAL. CONTRACTOR IS REQUIRED TO FOLLOW-UP WITH WRITTEN DOCUMENTATION, INCLUDING A COMPLETE DESCRIPTION OF THE INCIDENT, MATERIAL SPILLED, AND ACTIONS TAKEN TO CONTAIN AND CLEAN-UP MATERIAL.

FUGITIVE DUST CONTROL NOTE:

ALL PROJECTS APPROVED BY THE GENERAL PERMIT OFFICE MUST COMPLY WITH THE CODE OF THE CITY OF AUSTIN AND THE ENVIRONMENTAL CRITERIA MANUAL REQUIREMENTS TO CONTROL AIRBORNE DUST. COMPLIANCE IS REQUIRED FOR ENTIRE PROJECT SITE AS WELL AS ASSOCIATED OPERATIONS. CONTACT THE GENERAL PERMIT OFFICE FOR RECOMMENDED CONTROL METHODS.

PROJECT SEQUENCE:
(REFER TO COVER FOR PROJECT-SPECIFIC ADDITIONS, IF APPLICABLE.)

PRIOR TO CONSTRUCTION:

- SECURE APPLICABLE COA PERMITS, INCLUDING APPROVAL UNDER GENERAL PERMIT AND UTILITY STREET CUT PERMIT.
- NOTIFY GENERAL PERMIT OFFICE INSPECTOR PRIOR TO PLACEMENT OF E/S CONTROLS AND TREE PROTECTION FENCING. ALL PROPOSED PHASING OF CONTROLS MUST BE SUBMITTED TO AND APPROVED BY THE INSPECTOR PRIOR TO THE FIELD PRE-CONSTRUCTION CONFERENCE.
- NOTIFY COA TEMPORARY TRAFFIC CONTROL INSPECTOR PRIOR TO PLACEMENT OF TRAFFIC CONTROLS. ALL PROPOSED PHASING OF CONTROLS MUST BE INDICATED ON APPROVED TRAFFIC CONTROL PLAN AND SEALED BY PROFESSIONAL ENGINEER.
- PLACE TEMPORARY E/S CONTROLS AND TREE PROTECTION FENCING PRIOR TO BEGINNING ANY EXCAVATION. INSTALL C.I.P. SIGN, IF APPLICABLE.
- HOLD ENVIRONMENTAL PRE-CONSTRUCTION CONFERENCE ON SITE WITH THE CONTRACTOR, OWNER'S REPRESENTATIVE, AND GENERAL PERMIT OFFICE INSPECTOR AFTER INSTALLATION OF E/S CONTROLS AND TREE PROTECTION FENCING AND PRIOR TO ANY TRENCHING OPERATIONS.
- PLACE TEMPORARY TRAFFIC CONTROL DEVICES.

PROJECT CONSTRUCTION:

- BEGIN CONSTRUCTION. CONTACT GENERAL PERMIT OFFICE INSPECTOR FOR ADDITIONAL PRE-CONSTRUCTION CONFERENCES FOR EACH PHASE, IF REQUIRED.
- CONTACT GENERAL PERMIT OFFICE TO SCHEDULE FIELD INSPECTION PRIOR TO BEGINNING INSTALLATION OF PERMANENT E/S CONTROLS.
- COMPLETE RESTORATION OF ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES FOR THIS PROJECT. (PERMANENT E/S CONTROLS)
- HOLD ENVIRONMENTAL POST-CONSTRUCTION CONFERENCE ON SITE WITH THE CONTRACTOR, OWNER'S REPRESENTATIVE, AND GENERAL PERMIT OFFICE INSPECTOR. ALL PERMANENT E/S CONTROLS MUST BE ACCEPTED BY THE GENERAL PERMIT OFFICE INSPECTOR.
- FOLLOWING FINAL ACCEPTANCE OF PERMANENT E/S CONTROLS BY THE GENERAL PERMIT OFFICE INSPECTOR, REMOVE TEMPORARY E/S CONTROLS. CLEAN EXISTING STORM DRAINAGE SYSTEMS AS NECESSARY DUE TO CONSTRUCTION OPERATIONS.
- DRESS-UP AND RESTORE ANY AREAS DISTURBED BY REMOVAL OF TEMPORARY E/S CONTROLS DESCRIBED ABOVE.
- REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.

CITY OF AUSTIN – STANDARD NOTES
TREE AND NATURAL AREA PROTECTION
(MODIFIED FOR USE ON GENERAL PERMIT PROJECTS)

- ALL TREES AND NATURAL AREAS SHOWN ON PLAN TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCING.
- PROTECTIVE FENCES SHALL BE ERECTED ACCORDING TO CITY OF AUSTIN STANDARDS FOR TREE PROTECTION.
- PROTECTIVE FENCES SHALL BE INSTALLED PRIOR TO THE START OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING), AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE PROJECT.
- EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD-UP WITHIN TREE DRIP LINES.
- PROTECTIVE FENCES SHALL COMPLETELY SURROUND THE TREES OR GROUP OF TREES AND WILL BE LOCATED AT THE OUTERMOST LIMIT OF BRANCHES (DRIP LINE). FOR NATURAL AREAS, PROTECTIVE FENCES SHALL FOLLOW THE LIMIT OF CONSTRUCTION LINE, IN ORDER TO PREVENT THE FOLLOWING:
 - SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIALS;
 - ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 6 INCHES CUT OR FILL) OR TRENCHING NOT REVIEWED AND AUTHORIZED BY THE GENERAL PERMIT OFFICE OF THE WATERSHED PROTECTION DEPARTMENT;
 - WOUNDS TO EXPOSED ROOTS, TRUNK OR LIMBS BY MECHANICAL EQUIPMENT;
 - OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING, AND FIRES.
- EXCEPTIONS TO INSTALLING PROTECTIVE FENCES AT CRITICAL ROOT ZONES MAY BE PERMITTED IN THE FOLLOWING CASES:
 - WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, TREE WELL, OR OTHER SUCH SITE DEVELOPMENT, ERECT THE FENCE APPROXIMATELY 2 TO 4 FEET BEYOND THE AREA DISTURBED.
 - WHERE PERMEABLE PAVING IS TO BE INSTALLED, ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA
 - WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE NO CLOSER THAN 6 FEET TO THE BUILDING.
 - WHERE THERE ARE SEVERE SPACE CONSTRAINTS DUE TO TRACT SIZE, OR OTHER SPECIAL REQUIREMENTS, CONTACT THE GENERAL PERMIT OFFICE AT 974-6330 TO DISCUSS ALTERNATIVES.

SPECIAL NOTE: FOR THE PROTECTION OF NATURAL AREAS, NO EXCEPTIONS TO INSTALLING FENCES AT THE LIMIT OF CONSTRUCTION LINE WILL BE PERMITTED.

WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN A FENCE BEING CLOSER THAN 4 FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF 8 FEET OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE REDUCED FENCING.

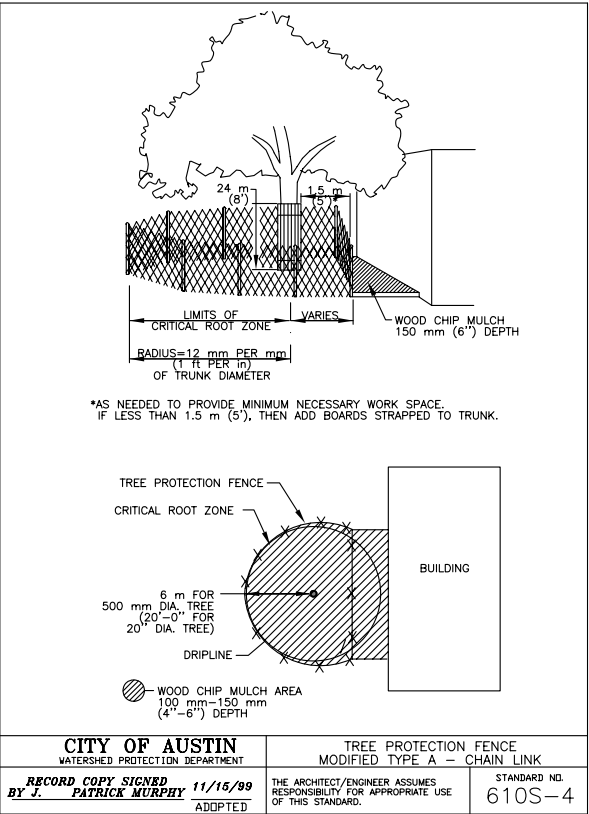
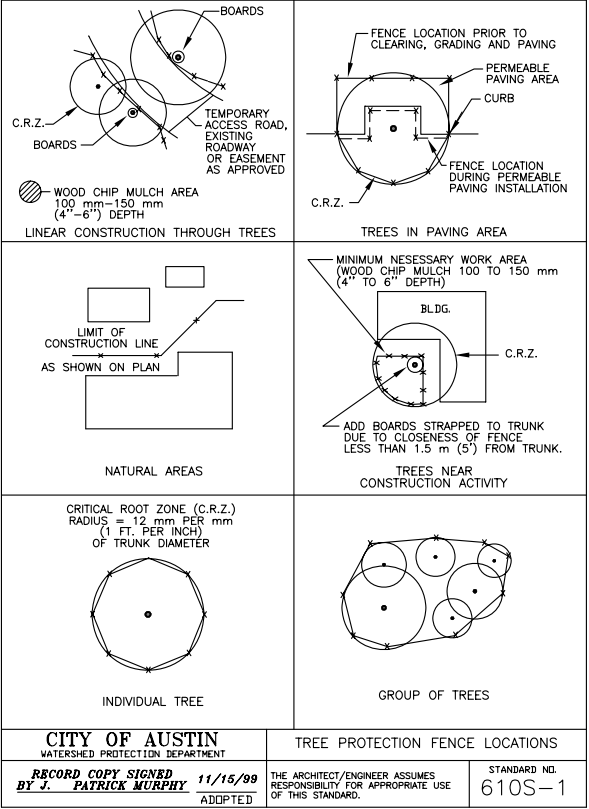
- WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN AREAS OF UNPROTECTED ROOT ZONES, THOSE AREAS SHOULD BE COVERED WITH 4 INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION.
- ALL GRADING WITHIN PROTECTED ROOT ZONE AREAS SHALL BE DONE BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE. PRIOR TO GRADING, RELOCATE PROTECTIVE FENCES TO 2 FEET BEHIND THE GRADE CHANGE AREA.
- ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN 2 DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
- PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIP LINES, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE DAMAGE TO REMAINING ROOTS.
- TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES SHOULD BE WATERED DEEPLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER. TREE CROWNS SHOULD BE SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
- ANY TRENCHING REQUIRED FOR THE INSTALLATION OF LANDSCAPE IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.
- NO LANDSCAPE TOPSOIL DRESSING GREATER THAN 4 INCHES SHALL BE PERMITTED WITHIN THE DRIP LINE OF TREES. NO SOIL IS PERMITTED ON THE ROOT FLARE OF ANY TREE.
- PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS.
- ALL FINISHED PRUNING MUST BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES AVAILABLE ON REQUEST FROM THE GENERAL PERMIT OFFICE).
- DEVIATIONS FROM THE ABOVE NOTES MAY BE CONSIDERED ORDINANCE VIOLATIONS IF THERE IS SUBSTANTIAL NONCOMPLIANCE OR IF A TREE SUSTAINS DAMAGE AS A RESULT.
- TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.

SUPPLEMENTAL TREE PROTECTION NOTES

- ALL TREES 8" AND LARGER LOCATED WITHIN THE LIMITS OF CONSTRUCTION OR WITH CANOPIES/CRITICAL ROOT ZONES EXTENDING INTO THE LIMITS OF CONSTRUCTION HAVE BEEN SURVEYED AND ARE SHOWN IN THIS PLAN SET. DAMAGE TO, OR REMOVAL OF, TREES SHOWN IN DOCUMENT SET TO BE PRESERVED SHALL CONSTITUTE A VIOLATION OF THE CITY OF AUSTIN (COA) PERMIT.
- ALL TREE PROTECTION FENCING MUST COMPLY WITH CITY OF AUSTIN REQUIREMENTS AS OUTLINED IN THE ENVIRONMENTAL CRITERIA MANUAL AND AS INDICATED BY STANDARD COA NOTES AND DETAILS INCLUDED WITHIN THIS DOCUMENT SET. CONTRACTOR SHALL INSTALL FENCING PRIOR TO PRE-CONSTRUCTION CONFERENCE, MAKE ADJUSTMENTS TO FENCING AS DIRECTED BY THE COA ENVIRONMENTAL INSPECTOR, AND MAINTAIN FENCING UNTIL PROJECT IS COMPLETE.
- TYPE AND LOCATION OF ALL TREE PROTECTION FENCING MUST BE APPROVED IN THE FIELD BY THE GENERAL PERMIT OFFICE INSPECTOR PRIOR TO CONSTRUCTION.
- ALL TRENCHING WITHIN THE CRITICAL ROOT ZONE OF A TREE TO BE PRESERVED WILL BE SAW CUT.
- CONTACT GENERAL PERMIT OFFICE FOR INSPECTION PRIOR TO ANY PRUNING ACTIVITIES ON TREES IN PROJECT AREA.
- TREE SURVEY SIZE REQUIREMENTS VARY BY PROJECT AREA AND/OR PROPERTY OWNERSHIP.

OAK WILT PREVENTION NOTES

- PRUNING OF AN EXISTING TREE THAT IS NECESSARY AS PART OF THIS PROJECT SHALL BE CONDUCTED IN ACCORDANCE WITH ANSI A300-1995 STANDARDS, OR LATEST APPROVED EDITION. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS. TO PREVENT BARK TEARS, THE WEIGHT OF THE BRANCH SHALL BE REMOVED BEFORE MAKING FINAL PRUNING CUT.
- ALL PRUNING SHALL PRESERVE THE NATURAL CHARACTER OF THE TREE.
- ONLY COLLAR CUTS ARE ACCEPTABLE. NO FLUSH CUTS OR STUB CUTS WILL BE ALLOWED.
- ALL TREE BRANCHES NECESSARY TO BE REMOVED FOR THE SAFE CONSTRUCTION OF THIS PROJECT SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE GENERAL PERMIT OFFICE INSPECTOR PRIOR TO REMOVAL.
- ALL BRANCHES THAT ARE BROKEN OR DAMAGED DURING CONSTRUCTION SHALL BE REMOVED.
- PRUNING CUTS OR DAMAGED AREAS ON AN OAK TREE SHALL BE PAINTED WITHIN FIVE MINUTES WITH A STANDARD TREE WOUND DRESSING. TREE WOUND DRESSING SHALL BE EITHER TREEKOTE AEROSOL OR TANGLEFOOT PRUNING SEALER (OR APPROVED EQUAL).
- ANY TREE ROOTS THAT ARE EXPOSED, CUT, OR TORN DURING CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SURROUNDING SOIL. (REFER ALSO TO NUMBER 9 OF THE TREE AND NATURAL AREA PROTECTION NOTES INCLUDED IN THIS PLAN SET.)



GENERAL PERMIT OFFICE
TREE PROTECTION
AND ENVIRONMENTAL NOTES
CITY OF AUSTIN STANDARD NOTES AND DETAILS

REVISIONS		REMARKS	
NO.	DATE	BY	DATE

SHEET INFORMATION	
DATE	March xx, 2012
SHEET	OF
CAD REF. NO.	WOOLDRIDGE

GENERAL PERMIT PROGRAM

1. THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR EXCAVATION).
2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE ENVIRONMENTAL CRITERIA MANUAL AND THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
3. THE PLACEMENT OF TREE/NATURAL AREA PROTECTIVE FENCING SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADING/TREE AND NATURAL AREA PLAN.
4. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR, DESIGN ENGINEER, PERMIT APPLICANT, AND GENERAL PERMIT OFFICE INSPECTOR AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND THE TREE/NATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK. THE CONTRACTOR SHALL NOTIFY THE GENERAL PERMIT OFFICE AT 512/974-6330, AT LEAST 3 DAYS PRIOR TO THE MEETING DATE.
5. ANY SIGNIFICANT VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS MUST BE APPROVED BY THE REVIEWING ENGINEER AND THE GENERAL PERMIT OFFICE INSPECTOR.
6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. ANY ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES. SILT ACCUMULATION AT TYPE II INLET DEVICES MUST BE REMOVED WHEN THE DEPTH REACHES TWO (2) INCHES.
7. PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAIL ROUNDS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING SPILLS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
8. ALL WORK MUST STOP IF A VOID IN THE ROCK SUBSTRATE IS DISCOVERED WHICH IS ONE SQUARE FOOT OR LARGER IN TOTAL AREA, BLOWS AIR FROM WITHIN THE SUBSTRATE, AND/OR CONSISTENTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME, IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT THE GENERAL PERMIT OFFICE INSPECTOR FOR FURTHER INVESTIGATION.
9. FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE GENERAL PERMIT OFFICE INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES. MAJOR REVISIONS MUST BE APPROVED BY THE GENERAL PERMIT OFFICE OF THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW DEPARTMENT.
10. PERMANENT EROSION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.
 - a. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK) AND BETWEEN THE CURB AND RIGHT-OF-WAY LINE.
 - b. THE SEEDING FOR PERMANENT EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS (OR AS INDICATED IN NOTE g. BELOW):
 - i. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF 1 POUND PER 1,000 SQUARE FEET OF UNHILLED BERMIUDA AND 1 POUND PER 1,000 SQUARE FEET OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.
 - ii. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HILLED BERMIUDA AT A RATE OF 1 POUND PER 1,000 SQUARE FEET WITH A PURITY OF 95% WITH 85% GERMINATION.
 - c. FERTILIZER SHALL HAVE AN ANALYSIS OF 15-15-15 AND SHALL BE APPLIED AT THE RATE OF 65 POUNDS PER ACRE.
 - d. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES. THE IRRIGATION SHALL OCCUR AT TEN-DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF 1/2 INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE WEEK.
 - e. MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1000 SQUARE FEET.
 - f. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1-1/2 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST.
 - g. NATIVE GRASS IS _____ OR IS NOT X REQUIRED ON THIS PROJECT. NATIVE GRASS SEEDING SHALL COMPLY WITH REQUIREMENTS OF THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL.
11. DEVELOPER INFORMATION:

PHONE: 512-974-9460
FAX: 512-974-9469

COMPANY: C.O.A.
CONTACT: MARTY STUMP
ADDRESS: 919 W. 28 1
PHONE: 512-974-9460
FAX: 512-974-9469

COMPANY: CONTRACTOR

COMPANY: _____ CONTRACTOR

12. THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE GENERAL PERMIT OFFICE, AT 499-6330, AT LEAST 48 HOURS PRIOR TO THE SPOILS REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL.
13. INLET PROTECTION SHALL BE INSTALLED IMMEDIATELY PRIOR TO STREET WORK, AND WILL BE REMOVED AS SOON AS THE GENERAL PERMIT OFFICE INSPECTOR AGREES THAT THERE IS NO POTENTIAL FOR SEDIMENTATION.



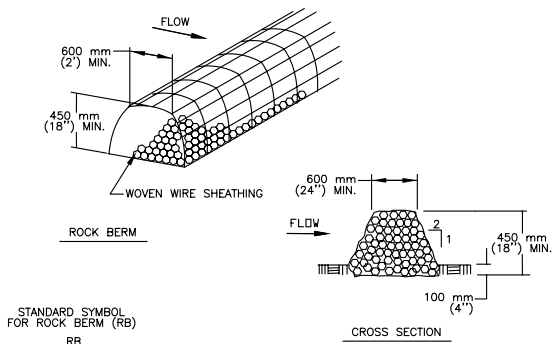
1. THE TEMPORARY SPOILS/STOCKPILE STORAGE AREA AND STAGING AREA WILL BE LOCATED DIRECTLY ADJACENT TO THE EXCAVATION AND ON THE PAVEMENT.
2. ANY SPOIL NOT INTENDED TO BE REUSED WILL BE HAULED TO AN APPROVED OR PERMITTED DISPOSAL SITE DAILY.
3. INSTALL TRIANGULAR SEDIMENT FILTER DIKE (TYPE I) ACROSS FULL WIDTH OF TRAFFIC CLOSURE AND DOWNSTREAM OF CONSTRUCTION AREA. PERPENDICULAR TO CURB, FILTER DIKE TO FOLLOW ACTIVE CONSTRUCTION, ACTIVE CONSTRUCTION, REMOVING AND RE-SETTING TYPE I DIKE IS CONSIDERED SUBSIDIARY TO BARRICADES AND TRAFFIC HANDLING.

Diagram illustrating a rock pile structure for erosion control. The structure is a trapezoidal pile of rocks with a 2:1 side slope. The top edge is covered by a geotextile fabric secured to wire on the uphill end. The pile is 2' high. The rocks are 4"-8" diameter open graded rock. The structure is placed on an existing grade. A trench in the fabric is shown, with a note: "TRENCH IN FABRIC (SEE SILT FENCE DETAIL, THIS SHEET.)". The flow direction is indicated by an arrow labeled "FLOW". The structure is labeled "WOVEN WIRE SHEATHING OR CHAIN LINK FENCE FABRIC".

1. USE ONLY OPEN GRADED ROCK, 4-8 INCH DIAMETER, FOR STREAM FLOW CONDITION. USE OPEN GRADED ROCK, 3-5 INCH DIAMETER, FOR OTHER CONDITIONS.
2. ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 1 INCH OPENING AND MINIMUM WIRE DIAMETER OF 20 GAUGE.
3. ROCK BERM SHALL BE INSPECTED WEEKLY OR AFTER EACH RAIN, AND THE STONE AND/OR FABRIC CORE-WOVEN WIRE SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE AND IN A MANNER AS TO NOT CREATE A SILTATION PROBLEM.
5. DAILY INSPECTION SHALL BE MADE ON SEVERE SERVICE ROCK BERMS; SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 6 INCHES.
6. WHEN SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

FABRIC COVERED (SEVERE SERVICE) ROCK BERM

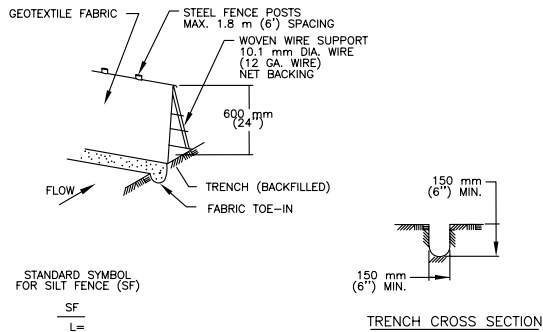
CITY OF AUSTIN		
GENERAL PERMIT PROGRAM APPROVED	ADOPTED:	STANDARD NO. N/A
	SCALE: N.T.S.	
	INITIAL:	



STANDARD SYMBOL
FOR ROCK BERM (RB)

1. USE ONLY OPEN GRADED ROCK 100 to 200 mm (4 to 8") DIAMETER FOR STREAM BEDS AND OPEN GRADED ROCK 75 to 125 mm (3 to 5") DIAMETER FOR OTHER CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25 mm (1") OPENING AND MINIMUM WIRE DIAMETER OF 12.9 mm (20 GAUGE). ROCK BERM SHALL BE 1.5 m (5') HIGH AND 1.5 m (5') WIDE. THE BERM SHALL BE COVERED WITH A MINIMUM OF 150 mm (6") WITH T-POSTS OR WITH 15M OR 20M (#5 OR #6) REBAR, WITH MAXIMUM SPACING OF 2.4 m (8') ON CENTER.
3. THE ROCK BERM SHALL BE INSPECTED FOR EROSION. EROSION OF THE ROCK AND THE STONE AND/OR FABRIC COVER—WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SILT ACCUMULATION.
4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR 150 mm (6"), WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE AND IN A MANNER THAT WILL NOT CREATE A SILTATION PROBLEM.
5. DAILY INSPECTION SHALL BE MADE ON SEVERE—SERVICE ROCK BERMS; SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 150 mm (6").
6. WHEN SILT ACCUMULATION REACHES 150 mm (6") ON STREAM BEDS AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

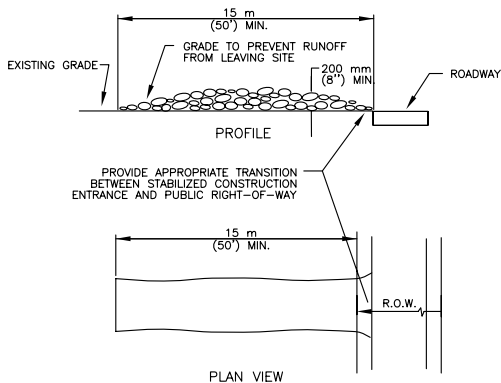
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		ROCK BERM	
RECORD COPY SIGNED BY J. PATRICK MURPHY 5/29/00		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 639S-1
ADOPTED			



TRENCH CROSS SECTION

- NOTES:
1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (1").
 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TRENCHED INTO SURFACE (E.G. PAVEMENT), THE FABRIC FLAP SHALL BE WEIGHTED DOWN WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
 3. THE TRENCH MUST BE A MINIMUM OF 150 mm (.6 inches) DEEP AND 150 mm (.6 inches) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
 4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
 5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
 7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (.6 inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

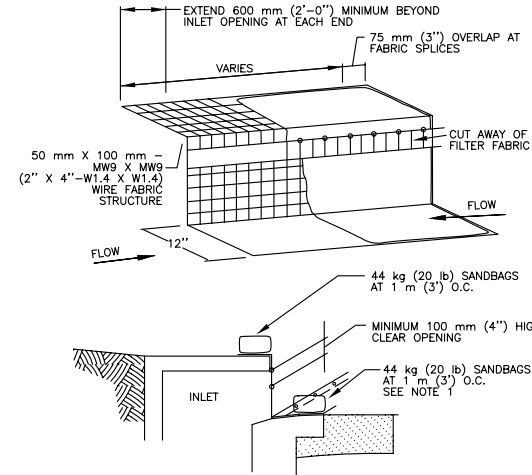
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		SILT FENCE	
RECORD COPY SIGNED BY J. PATRICK MURPHY		5/23/00	STANDARD NO. 642S-1
		ADOPTED	



PLAN VIE

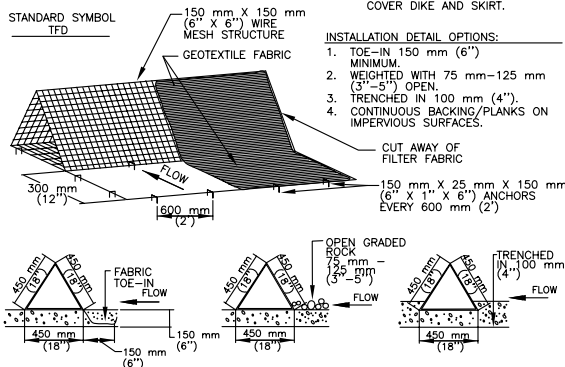
- NOTES:
1. STONE SIZE: 75-125 mm (3-5") OPEN GRADED ROCK.
 2. LENGTH: AS EFFECTIVE BUT NOT LESS THAN 15 m (50').
 3. THICKNESS: NOT LESS THAN 200 mm (8").
 4. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.
 5. WASHING: WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING PUBLIC ROADWAY. IF WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP, SEDIMENT BASIN, ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
 6. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC CLEANING OF THE ENTRANCE AS WELL AS CONDITIONS DEMAND, AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT IS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE IMMEDIATELY REMOVED.
 7. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		STABILIZED CONSTRUCTION ENTRANCE	
RECORD COPY SIGNED BY J. PATRICK MURPHY		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 641S-1
5/23/00 ADOPTED			



- CONTRACTOR MAY SUBSTITUTE A 25 mm (1" x 100 mm (1" x 4") BOARD SECURED WITH CONCRETE NAILS 1 m (3') O.C. NAILED INTO THE GUTTER IN LIEU OF SANDBAGS TO HOLD FILTER FABRIC IN PLACE. IF THE GUTTER IS DIRTY/DIRTY FROM PROXIMATE DRAINING LOCATIONS, APPLY CHEMICAL SANDING AGENT AND APPLY NON-SHRINK GROUT, GUSH WITH FIBRIC, AND GROUT GUTTER.
- CONTRACTOR TO FILTER FABRIC TO BE REMOVED AS SHOWN ON THIS DETAIL OR AS DIRECTED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. FABRIC MUST BE SEQUENTIALLY REMOVED FROM THE GUTTER TO THE CURB TO PREVENT SILT ACCUMULATION.
- DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 50 mm (2").
- CONTRACTOR SHALL MAINTAIN PROTECTIVE CURB PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM-WATER BEGINS TO OVERTOP THE CURB.
- INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		FILTER DIKE CURB INLET PROTECTION	
RECORD COPY SIGNED BY J. PATRICK MURPHY		2/21/01	STANDARD NO. 628S-2
		ADOPTED	



NOTE:
FILTER FABRIC SHALL ENTIRELY
COVER DIKE AND SKIRT.

- INSTALLATION DETAIL OPTIONS:
FOE-IN 150 mm (6")
MINIMUM.
WEIGHTED WITH 75 mm-1
3"-5") OPEN.
TRENCHED IN 100 mm (4
CONTINUOUS BACKING/PLA
IMPERVIOUS SURFACES.

— CUT AWAY OF
FILTER FABRIC

— 150 mm X 25 mm X 150 mm
(6" X 1" X 6") ANCHORS
EVERY 600 mm (2')

GENERAL NOTES:

1. DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT DIKE.
2. THE FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS WRAPPING OF GEOTEXTILE. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE FABRIC ON THE UPSTREAM FACING.
3. THE SKIRT SHALL BE WEIGHED WITH A CONTINUOUS LAYER OF 75-125 mm (3-5") OPEN GRADED ROCK OR TOED-IN 150 mm (6") WITH MECHANICALLY COMPACTED FILL TO THE OTHER SIDE OF THE SKIRT.
4. DIKES AND SKIRT SHALL BE SECURELY ANCHORED IN PLACE USING 150 mm (6") WIRE STAPLES ON 600 mm (2') CENTERS ON BOTH EDGES AND SKIRT, OR STAKE USING 10M (3/8") DIAMETER REBAR WITH TEE ENDS.
5. FILTER MATERIAL BEING USED SHALL BE 150 mm (6") TO COVER DIKE TO DIKE JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOOT RINGS.
6. THE DIKE STRUCTURE SHALL BE M440-150mmX150 mm (6 GA. 6"x6") WIRE MESH, 450 mm (18") ON A SIDE.
7. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
8. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6") AND DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
9. AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED. SILT SHALL BE DISPOSED OF AS INDICATED IN GENERAL NOTE 8 ABOVE.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TRIANGULAR SEDIMENT FILTER DIKE	
RECORD COPY SIGNED BY J. PATRICK MURPHY 3/27/00		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 6285
ADOPTED			



GENERAL PERMIT OFFICE
EROSION/SEDIMENTATION
CONTROL
CITY OF AUSTIN STANDARD NOTES AND DETAILS

CITY OF AUSTIN STANDARD NOTES AND DETAILS

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SHEET INFORMATION

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WOOLDRIDGE