NOTE:
1. PROPOSED FLOODPLAIN MATCHES THE EXISTING FLOODPLAIN.
2. AT THE SCALE SHOWN, THERE IS NO MAPPABLE DIFFERENCE BETWEEN THE FEMA 100-YEAR FLOODPLAIN AND THE CITY OF AUSTIN 100-YEAR REGULATORY FLOODPLAIN.
3. THE LIMITS OF CONSTRUCTION FOR THIS PROJECT IS 8.3 ACRES.

"ALL RESPONSIBILITY FOR ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER/LANDSCAPE ARCHITECT (AS APPLIES) WHO PREPARED THEM. IN APPROVING THESE PLANS, THE CITY OF AUSTIN MUST RELY ON THE ADEQUACY OF THE DESIGN ENGINEER."

REVIEWED BY:
FOR DIRECTOR OF PLANNING AND DEVELOPEMENT REVIEW DEPARTMENT DATE

NO.	DR	CK	DATE	DESCRIPTION
				REVISIONS

CAS CONSULTING & SERVICES INC.
6655 HWY 290 EAST, STE 104
AUSTIN, TEXAS 78723
REG. No. F-9097

STATE OF TEXAS
DOUG NICHOLS
56237
REGISTERED
PROFESSIONAL ENGINEER

AUSTIN WATER UTILITY
WALNUT CREEK OUTFALL BANK EROSION PHASE II

PROPERTY MAP

DESIGN BY:	DN
DRAWN BY:	DV/WC
REVIEW BY:	DN
APPROVED BY:	DN
PROJECT NO.:	3023.26
DATE	8/30/11
SCALE:	AS SHOWN
REVISION:	

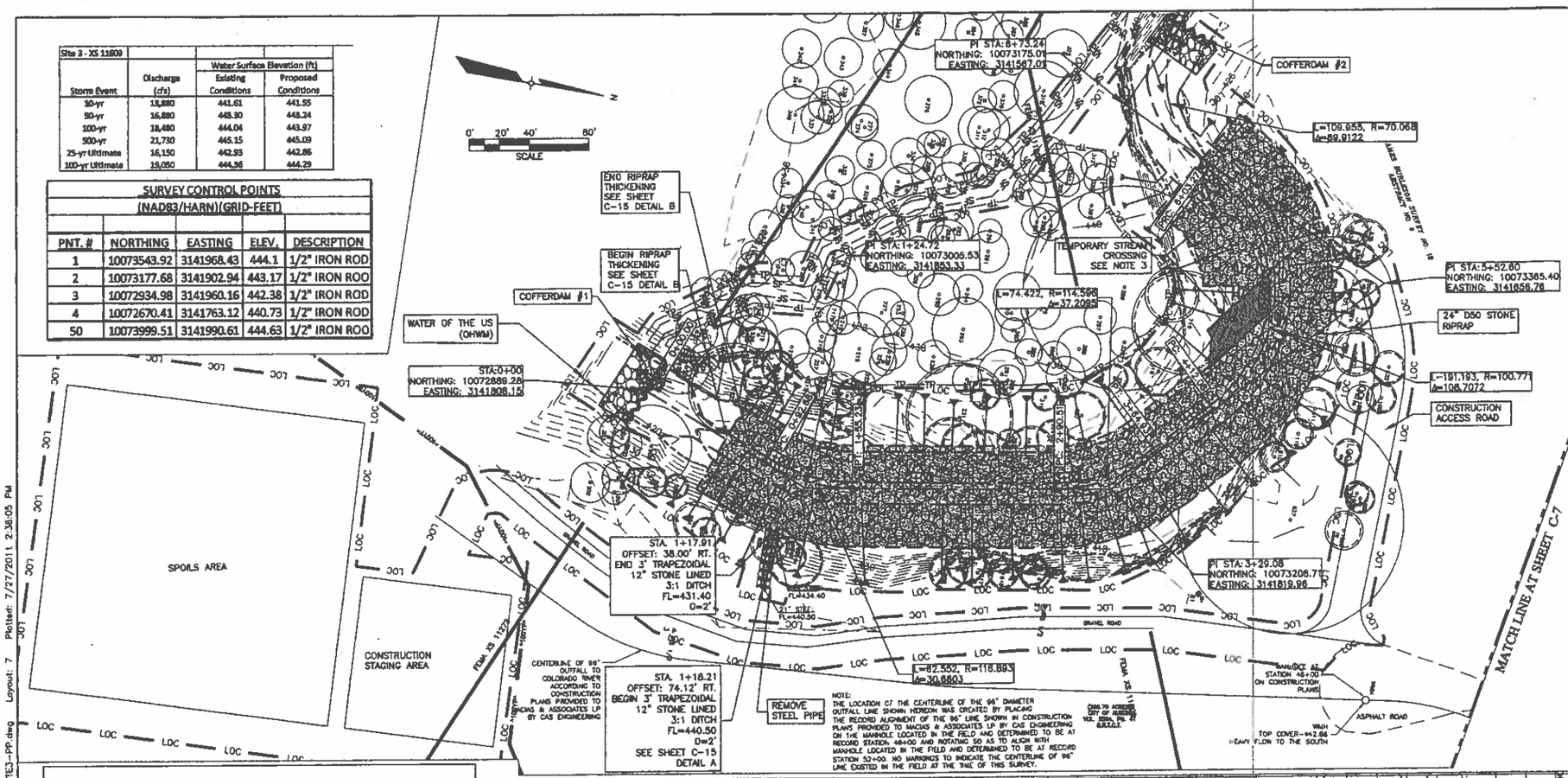
DWG. NO.
6
SHEET 6 OF 24

File: L:\ACTIVE PROJECTS\COA Watershed Rot06\Walnut Creek Phase II\100% Design\CAD\3023.026--ZONE MAP.dwg Layout: Layout1 Plotted: 8/30/2011 4:03:12 PM

Site 3 - XS 11809			
		Water Surface Elevation (ft)	
Storm Event	Discharge (cfs)	Existing Conditions	Proposed Conditions
10-yr	13,880	441.61	441.55
50-yr	16,880	443.30	443.24
100-yr	18,480	444.04	443.97
500-yr	21,730	445.15	445.09
25-yr Ultimate	16,150	442.93	442.86
100-yr Ultimate	19,050	444.36	444.29

SURVEY CONTROL POINTS
(NAD83/HARN)(GRID-FEET)

PNT. #	NORTHING	EASTING	ELEV.	DESCRIPTION
1	10073543.92	3141968.43	444.1	1/2" IRON ROD
2	10073177.68	3141902.94	443.17	1/2" IRON ROD
3	10072934.98	3141960.16	442.38	1/2" IRON ROD
4	10072670.41	3141763.12	440.73	1/2" IRON ROD
50	10073999.51	3141990.61	444.63	1/2" IRON ROD



LEGEND

- PROPOSED 24" D50 STONE RIPRAP
- LIMITS OF CONSTRUCTION — LOC — LOC — LOC —
- WATERS OF THE US (OHWM)
- DIRECTION OF FLOW
- TREES TO BE REMOVED
- 100 YEAR FLOOD PLAIN — "100YF" — "100YF" —

NOTES:

1. RIPRAP THICKENING REQUIRED ALONG THE ENTIRE DOWNSTREAM EDGE OF 24" D50 RIPRAP.(SEE SHEET C-15).
2. NO CUT OR FILL WITHIN 14' OF TREE# 208, 10' OF TREE# 236, 34' OF TREE# 290 AND 38' OF TREE# 837, WITHOUT APPROVAL OF CITY ARBORIST.
3. TEMPORARY STREAM CROSSING AS NEEDED TO ACCESS WEST SIDE OF CREEK WHEN COFFERDAMS ARE NOT INSTALLED. ALSO SEE NOTE 2 & 3 ON TEMPORARY CROSSING DETAIL SHEET. (SEE SHEET C-16).
4. CONSTRUCTION ACCESS ROAD TO BE GENERALLY FLUSH WITH EXISTING GROUND EXCEPT AT TEMPORARY STREAM CROSSING.
5. SEE SHEET C-15 & C-16 FOR DETAILS.
6. SLOPES IN SPOILS AREA SHALL BE 4:1 OR FLATTER.
7. A PRE-CONSTRUCTION SAFETY MEETING IS REQUIRED WITH AUSTIN ENERGY 48 HOURS BEFORE COMMENCEMENT OF CONSTRUCTION. FAILURE TO DO SO WILL RESULT IN THE PROJECT BEING SHUTDOWN. CALL DOUG WEISE AT 512.505-7023 TO SCHEDULE A TAILGATE SAFETY MEETING.
8. ANY RELOCATION OF ELECTRIC TRANSMISSION FACILITIES OR OUTAGES CAUSED BY THIS PROJECT WILL BE CHARGED TO THE PROPERTY OWNER AND CONTRACTOR.
9. WARNING SIGNS MUST BE PLACED UNDER THE OVERHEAD ELECTRIC TRANSMISSION FACILITIES AS NOTIFICATION OF THE ELECTRICAL HAZARD.
10. NO DUMPSTERS, STAGING OR SPOILS AREAS SHALL BE PERMITTED WITHIN 20 FEET OF THE ELECTRIC TRANSMISSION FACILITIES EASEMENT FOR SAFETY REASONS.
11. PRIOR TO MOBILIZING TALL EQUIPMENT SUCH AS CRANES, CALL DOUG WEISE AT 512-505-7023 TO COORDINATE WITH TRANSMISSION PERSONNEL.
12. 24-HOUR ACCESS TO TRANSMISSION FACILITIES SHALL BE MAINTAINED.
13. ANY TEMPORARY OR PERMANENT SECURITY FENCE PREVENTING ACCESS TO THE EASEMENT, SHALL BE COORDINATED AUSTIN ENERGY STAFF. AE STAFF SHALL INSTALL A LOCK ON THE GATE/FENCE FOR ACCESS.
14. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROLS FOR INSULATORS AND TO PREVENT FLASHING AND ALL OUTAGES CAUSED BY THE DUST FROM THIS PROJECT.

NO.	DR	CK	DATE	DESCRIPTION
				REVISIONS

CAS CONSULTING & SERVICES INC.
5933 BTY 290 EAST, SUITE 104
AUSTIN, TEXAS 78723
ENG. No. F-003872

STATE OF TEXAS
DOUG NICHOLS
56237
REGISTERED PROFESSIONAL ENGINEER
7-27-2011

AUSTIN WATER UTILITY WALNUT CREEK OUTFALL BANK EROSION PHASE II

SITE 3 PLAN AND PROFILE

SP-2011-0113D

SITE PLAN APPROVAL SHEET ___ OF ___
FILE NUMBER: ___ APPLICATION DATE: ___
APPROVED BY COMMISSION ON ___ UNDER SECTION ___ OF CHAPTER ___ OF THE CITY OF AUSTIN CODE.
EXPIRATION DATE(25-6-81, LDC) ___ CASE MANAGER ___
PROJECT EXPIRATION DATE (ORD. #970905-A) ___ DNPZ ___ DDZ ___

Director, Watershed Protection and Development Review
RELEASED FOR GENERAL COMPLIANCE ___ ZONING ___
Rev. 1 ___ Correction 1 ___
Rev. 2 ___ Correction 2 ___
Rev. 3 ___ Correction 3 ___
Final Plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

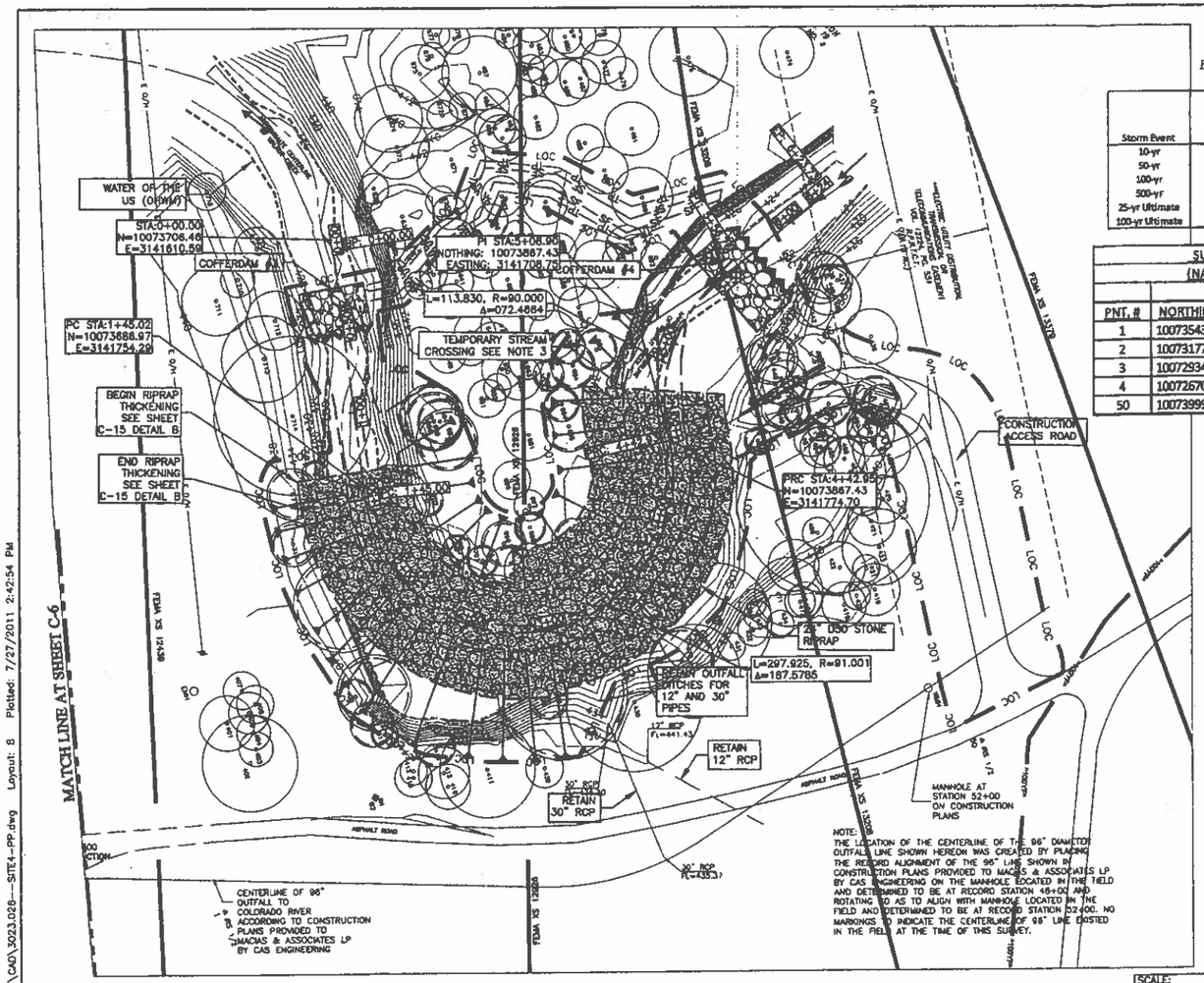
"ALL RESPONSIBILITY FOR ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER/LANDSCAPE ARCHITECT (AS APPLICES) WHO PREPARED THEM. IN APPROVING THESE PLANS, THE CITY OF AUSTIN MUST RELY ON THE ADEQUACY OF THE DESIGN ENGINEER."

REVIEWED BY: ___
FOR DIRECTOR OF PLANNING AND DEVELOPEMENT REVIEW DEPARTMENT DATE

DESIGN BY:	DN
DRAWN BY:	EV/WC
REVIEW BY:	DN
APPROVED BY:	DN
PROJECT NO.	3023.26
DATE	7/27/11
SCALE:	AS SHOWN
REVISION:	

DWG. NO.
7

File: L:\ACTIVE PROJECTS\COA Watershed Rot\05\Walnut Creek Phase II\1003 Design\CAD\3023.026---SITE3-PP.dwg Layout: 7 Plotted: 7/27/2011 2:38:05 PM



FOR XS 12928

Storm Event	Discharge (cfs)	Water Surface Elevation (ft) Existing Conditions	Proposed Conditions
10-yr	13,880	444.14	443.92
50-yr	16,880	445.62	445.40
100-yr	18,480	446.13	445.95
500-yr	21,790	446.94	446.81
25-yr Ultimate	16,150	445.33	445.10
100-yr Ultimate	19,050	446.31	446.15

SURVEY CONTROL POINTS
(NAD83/HARN)(GRID-FEET)

PNT. #	NORTHING	EASTING	ELEV.	DESCRIPTION
1	10073543.92	3141968.43	444.1	1/2" IRON ROD
2	10073177.68	3141902.94	443.17	1/2" IRON ROD
3	10072934.98	3141960.16	442.38	1/2" IRON ROD
4	10072670.41	3141763.12	440.73	1/2" IRON ROD
50	10073999.51	3141990.61	444.63	1/2" IRON ROD

0' 20' 40' 80'
SCALE

LEGEND

PROPOSED 24" D50 STONE RIPRAP

LIMITS OF CONSTRUCTION — LOC — LOC — LOC

WATERS OF THE US (OHWM)

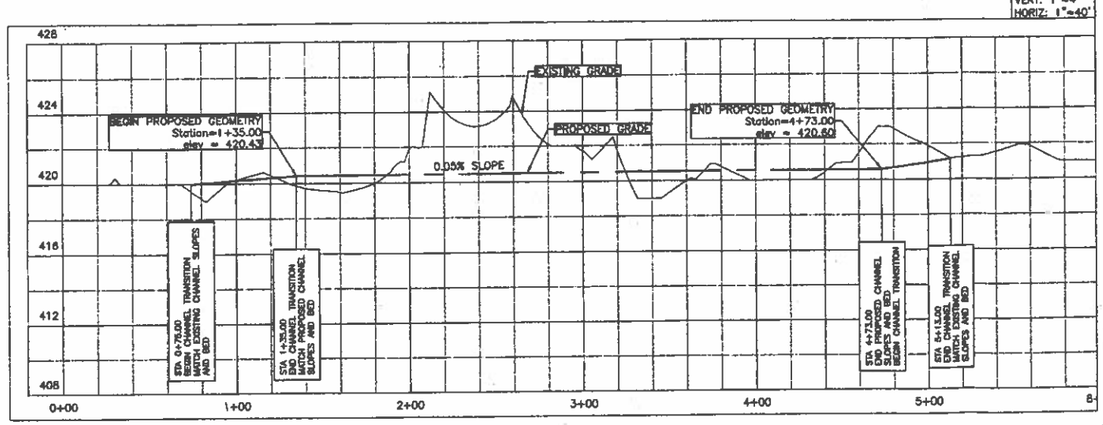
DIRECTION OF FLOW

TREES TO BE REMOVED

100 YEAR FLOOD PLAIN — 100YR — 100YR

NOTES:

1. RIPRAP THICKENING REQUIRED ALONG THE ENTIRE DOWNSTREAM EDGE OF 24" D50 RIPRAP.(SEE SHEET C-15).
2. NO CUT OR FILL WITHIN 14' OF TREE# 208, 10' OF TREE# 230, 34' OF TREE# 290 AND 38' OF TREE# 837, WITHOUT APPROVAL OF CITY ARBORIST.
3. TEMPORARY STREAM CROSSING AS NEEDED TO ACCESS WEST SIDE OF CREEK WHEN COFFERDAMS ARE NOT INSTALLED. ALSO SEE NOTE 2 & 3 ON TEMPORARY CROSSING DETAIL SHEET. (SEE SHEET C-18)
4. CONSTRUCTION ACCESS ROAD TO BE GENERALLY FLUSH WITH EXISTING GROUND EXCEPT AT TEMPORARY STREAM CROSSING.
5. SEE SHEET C-15 & C-18 FOR DETAILS.
6. SLOPES IN SPOILS AREA SHALL BE 4:1 OR FLATTER.
7. A PRE-CONSTRUCTION SAFETY MEETING IS REQUIRED WITH AUSTIN ENERGY 48 HOURS BEFORE COMMENCEMENT OF CONSTRUCTION. FAILURE TO DO SO WILL RESULT IN THE PROJECT BEING SHUTDOWN. CALL DOUG WEISE AT 512.505-7023 TO SCHEDULE A TAILGATE SAFETY MEETING.
8. ANY RELOCATION OF ELECTRIC TRANSMISSION FACILITIES OR OUTAGES CAUSED BY THIS PROJECT WILL BE CHARGED TO THE PROPERTY OWNER AND CONTRACTOR.
9. WARNING SIGNS MUST BE PLACED UNDER THE OVERHEAD ELECTRIC TRANSMISSION FACILITIES AS NOTIFICATION OF THE ELECTRICAL HAZARD.
10. NO DUMPSTERS, STAGING OR SPOILS AREAS SHALL BE PERMITTED WITHIN 20 FEET OF THE ELECTRIC TRANSMISSION FACILITIES EASEMENT FOR SAFETY REASONS.
11. PRIOR TO MOBILIZING TALL EQUIPMENT SUCH AS CRANES, CALL DOUG WEISE AT 512-505-7023 TO COORDINATE WITH TRANSMISSION PERSONNEL.
12. 24-HOUR ACCESS TO TRANSMISSION FACILITIES SHALL BE MAINTAINED.
13. ANY TEMPORARY OR PERMANENT SECURITY FENCE PREVENTING ACCESS TO THE EASEMENT, SHALL BE COORDINATED AUSTIN ENERGY STAFF. AE STAFF SHALL INSTALL A LOCK ON THE GATE/FENCE FOR ACCESS.
14. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROLS FOR INSULATORS AND TO PREVENT FLASHING AND ALL OUTAGES CAUSED BY THE DUST FROM THIS PROJECT.



"ALL RESPONSIBILITY FOR ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER/LANDSCAPE ARCHITECT (AS APPLIES) WHO PREPARED THEM. IN APPROVING THESE PLANS, THE CITY OF AUSTIN MUST RELY ON THE ADEQUACY OF THE DESIGN ENGINEER."

REVIEWED BY:
FOR DIRECTOR OF PLANNING AND DEVELOPEMENT REVIEW DEPARTMENT DATE

SP-2011-0113D

SITE PLAN APPROVAL SHEET ____ OF ____
FILE NUMBER: ____ APPLICATION DATE:
APPROVED BY COMMISSION ON ____ UNDER SECTION ____ OF CHAPTER ____ OF THE CITY OF AUSTIN CODE.
EXPIRATION DATE(25-5-81, LDC) ____ CASE MANAGER ____
PROJECT EXPIRATION DATE (ORD. 970905-A) ____ DWPZ ____ DCZ ____

Director, Watershed Protection and Development Review
RELEASED FOR GENERAL COMPLIANCE ____ ZONING ____
Rev. 1 ____ Correction 1 ____
Rev. 2 ____ Correction 2 ____
Rev. 3 ____ Correction 3 ____
Final Plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

NO.	DR.	CK.	DATE	DESCRIPTION

REVISIONS

CAS CONSULTING & SERVICES INC.
6633 SOUTH MOPAC EXPY. 104
AUSTIN, TEXAS 78703
REG. No. F-005578

STATE OF TEXAS
DOUG NICHOLS
56237
REGISTERED PROFESSIONAL ENGINEER
7-27-2011

AUSTIN WATER UTILITY
WALNUT CREEK OUTFALL
BANK EROSION PHASE II

SITE 4 PLAN AND PROFILE

DESIGN BY:	DN
DRAWN BY:	EV/WC
REVIEW BY:	DN
APPROVED BY:	DN
PROJECT NO.:	3023.26
DATE	7/27/11
SCALE:	AS SHOWN

REVISION:

DWG. NO.
8
SHEET 8 OF 24

File: L:\ACTIVE PROJECTS\COA Watershed Rel06\Walnut Creek Phase II\100% Design\CAD\3023.026---SITE4-PP.dwg Layout: 8 Plotted: 7/27/2011 2:42:54 PM