## RESOLUTION NO. 20101216-098

WHEREAS, the City Council was requested to review and approve the use of certain portions of dedicated parkland known as the Upper Bull Creek Greenbelt for a permanent retrieval shaft, a permanent subterranean tunnel and a temporary staging area and material storage site in connection with the construction, use, maintenance, repair and replacement of a portion of the WTP4 Jollyville Water Transmission project (collectively, the "Proposed Use"); and

WHEREAS, notice of public hearing to be held on December 16, 2010 was given for three consecutive weeks on November 21, November 28, and December 5, 2010 in a newspaper of general circulation; and

WHEREAS, such public hearing was held December 16, 2010 by the City Council to consider the use of parkland for the Proposed Use; NOW, THEREFORE,

## BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

Having taken into account clearly enunciated local preferences, the City Council finds that there is no feasible and prudent alternative to the use of the parkland (detailed in the attached Exhibits "A," "B," and "C-1 through C-6") for the Proposed Use and the use of the parkland for the Proposed Use is approved.

The City Council finds that all reasonable planning has been done to minimize harm to the parkland from the Proposed Use.

The City Manager is authorized to take such measures as may be necessary, favorable or required to effectuate the purpose and intent of this Resolution.

ADOPTED: $\xrightarrow[\text { December } 16,2010 \text { ATTEST: Aheile, Q Aentry }]{\text { Shirley A. Gentry }}$ City Clerk

## Field Notes for 4635.27 TSAAMSS

BEING 0.344 OF ONE ACRE OF LAND, MORE OR LESS, OUT OF AND A PART OF THE GREEN MCCOY SURVEY NO. 29, ABSTRACT NO. 514 IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF THE 1.625 ACRE TRACT OF LAND CONVEYED TO CITY OF AUSTIN, A TEXAS MUNICIPAI CORPORATION SITUATED IN THE COUNTIES OF TRAVIS AND WLLLIAMSON, STATE OE TEXAS, BY GENERAL WARRANTY DEED DATED OCTOBER 16TH, 2000, FILED FOR RECORD ON OCTOBER 19TH, 2000, RECORDED IN DOCUMENT 2000167964 OF THE OEFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS, SAID 0.344 OF ONE ACRE OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS AND AS SHOWN ON THE ATTACHED SKETCH:

COMENCING at a $1 / 2$ inch iron rod found in the southeasterly right-ofoway line of Spicewood Springs Road (R.O.W. varies) at the most northerly corner of said 1.625 acre City of Austin tract and a corner of the remainder of the former spicewood Springs. Road vacated by Travis County Commissioner's Court in Volume 41, Page 326 of the recorded Minutes of the Commissioner's Court of Travis County, Texas, thence, with the southeasterly sight-of-way line of. Spicewood Springs Road and the northwesterly lune of said• 1.625 acre City of Austin tract, as follows;

South $57^{\circ} 32^{\prime} 29^{\prime \prime}$ West, a distance of $84: 56$ feet, to a $1 / 2$ inch iron rod found;
South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ West, a distance of 30.93 feet, to a calculated point for the point of Beginning and most northeriy corner of the Herein described tract af land loaving Texas State Plane (Texas Central Zone), NAD 83 (CORS96), U. S. Feet, Combined Scale Factor of 0.99989 ) values of $\mathrm{N}=10126386.70, \mathrm{E}=3096894.19$;

1) THENCE, South $01^{\circ} 44^{\prime 27 \prime}$ west; a distance of 64.05 feet, leaving the southeasterly right-oftway line of Spicewood Springs Road and the northwesterly line of said 1.625 acre. City of Austin tract, crossing said 1.625 acre City of Austin tract, to a calculated point for an angle point hereof;
2) THENCE, South $00^{\circ} 20^{\prime} 59^{\prime \prime}$.East, a distance of 109.29 feet, to a calculated point for an angle point hereof;
3) . THENCE, Souţh $02^{\circ} 322^{\prime} 45^{\prime \prime}$ East, a distance of 83.60 feet, to a calculated point for an angle point hereof;
4) THENCE, South $02^{\circ} 13^{\prime 2} 9^{\prime \prime}$.West, a distance of. 28.87 feet, to a calculated point in the curving northeasterly line of Spicewood Springs Road and the curving southwesterly line of said 2.625 acre City of Austin tract, for the most southerly corner of the herein described tract of land, from which, a calculated point in the northwesterly line of the remainder of said former Spicewood Sprangs Road, at the endpoint of said curve and the most southerly corner of said 1.625 acre City of Austin tract, bears along sald curve, to the right, having a radius of 414.53 feet, an angle of intersection of $46^{\circ} 58^{\prime} 29^{\prime \prime}$, an arc length of 339.86 feet, and a chord bearing South $17^{\circ} 51^{\prime} 01^{\prime \prime}$ East, a distance of 330.42 feet, and from the most southerly corner of said 1.625 acre City of Austin tract, a $1 / 2$ inch iron rod found descrabed in Document 2000167964 of the Official Public Records of Travis County, Texas, bears South $06^{\circ} 19^{\prime} 38^{\prime \prime}$ West, a distance of 11.19 feet;
5) THENCE, with the curving northeasterly right-of-way line of Spicewood Springs Road and the curving southwesterly line of said 1.625 acre City of Austin tract, along said curve, to the left, having a radius of 414.53 feet, an angle of intersection of $01^{\circ} 28^{\prime} 25^{\prime \prime}$, an arc length of 10.66 feet, and a chord bearing North $42^{\circ} 04^{\prime} 28^{\prime \prime}$ West, a distance of 10.66 feet, to a $1 / 2$ inch iron rod found at the endpoint of said curve;
6) THENCE, North $42^{\circ} 49^{\prime 2} 23^{\prime \prime}$ West, a distance of 183.02 feet, with the northeasterly right-of-way line of Spicewood Springs Road and a southwestorly line
of said 1.625 acre City of Austin tract, to a calculated point, for the point of curvature of a non-tangent circulax curve to the right;
7) THENCE, zlong said curve to the right, having a radius of 30.37 feet, an angle of intersection of $86^{\circ} 38^{\prime} 17^{\prime \prime}$, an arc length of 45.92 feet, and a chord bearing Norith $00^{\circ} 49^{\prime 51 " ~ E a s t, ~ a ~ d i s t a n c e ~ o f ~} 41.67$ feat, to a $1 / 2$ inch iron pipe found at the endpoint of said curve;
8) THENCE, North $43^{\circ} 40^{\prime} 00^{\prime \prime}$ East, a distance of 13.79 feet, to a calculated point for a northerly corner of the herean described tract of land, from which, a $1 / 2$ anch iron pipe found at a corner in the southeasterly right-of-way line of spicewood Springs Road and a corner of said 1.625 acre City of Austin tract beaxs North $43^{\circ} 40^{\prime} 00^{\prime \prime}$ East, a distance of 2.41 feet;
9) THENCE, South $37^{\circ} 36^{\prime} 40^{\prime \prime}$ East, a distance of 80.51 feet, leaving the southeasterly right-of-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract, crossing said 1.625 acre City of Austin tract, to a calculated point for a corner;
10) THENCE, North $52^{\circ} 23^{\prime} 20^{\prime \prime}$ East, a clistance of 80.00 feet, to a calculated point for a corner;
11) THENCE, North $37^{\circ} 36^{\prime} 40^{\prime \prime}$ West, a distance of 90.00 feet, to calculated point in the southeasterly right-of-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract, for a westerly corner of the herein described tract of land, from which, a $1 / 2$ inch 1 ron pipe found at an angle point in the southeasterly line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract: bears South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ West, a distance of 34.99 feet;
12) THENCE, North $52^{\circ} 23^{\prime} 20^{\prime \prime}$ East, a distance or 71.23 reet, to the point of Beginning ancl containing an area of 0.344 of one acre of land, more or less.

I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional Surveyors standards.


Registered Professional Land Surveyor 5010
MWM DesignGroup
305 East Huntland Drive, Suite 200
Austin, Texas, 78752 (512) 453-0767
Bearing Basis:
The coordinates shown axe based on the Texas State Plane, Central Zone NADB3(CORS96). FOr surface coordinates, divide Grid Coordinates by Combined Scale Factor of 0.99989 . All distances shown are surface distances.


Reviewed and Approved by:




Exhibit A
Page 3 of 5

| LINE TABLE |  |  |
| :---: | :---: | :---: |
| LINE | BEARING | LENGTH |
| L1 | S01*44*27"W | 64.05* |
| L2 | S00'20'59"E | 109.29 ${ }^{\circ}$ |
| L3 | S02*32'45"E | 83.60' |
| 1.4 | S02*13'29"W | 28.87' |
| L5 | N43'40'00'E | 13.79 ${ }^{\prime}$ |
| L6 | N43*40'00'E | $2.41{ }^{\prime}$ |
| L7 | S37³6'40'E | $80.51^{\prime}$ |
| L8 | N52'23'20'E | 80.00' |
| L9 | N37*36. $40^{\prime \prime} \mathrm{W}$ | $80.00^{\circ}$ |
| 110 | 552.23'20"W | 34.99' |
| 1.11 | N52 ${ }^{\circ} 23^{\prime} 20^{\prime \prime} \mathrm{E}$ | $71.23^{\circ}$ |
| L12 | S43*40'00'W | 16.19' |
| (L12) | (N46.36'23"E) | (16.28') |
| L13 | S53*34'17"W | 42.64' |
| (L13) | (N56.17'42"E) | (42.62') |
| L14 | S07.33'37"E | $164.57^{\prime}$ |
| (L14) | (S04.56'39"E) | (164.61') |
| L15 | S07.33'37'E | 164.57' |
| (L15) | (S04.56'39"E) | (164.61') |
| L16 | S06.19.38"W | 11.19 ${ }^{\prime}$ |
| (L16) | (S08.56.22"W) | (11.19') |


| CURVE TABLE |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CURVE | RADIUS | DELTA | LENGTH | BEARING | CHORD |
| C1 | $414.53{ }^{1}$ | 46.58'29" | $339.86^{\prime}$ | S17.51'01"E | $330.42^{\prime}$ |
| C2 | 414.53' | $01^{\circ} 28^{\prime} 25^{\prime \prime}$ | 10.66 ${ }^{\circ}$ | N42\% ${ }^{\circ} 4^{\prime} 28^{\prime \prime} \mathrm{W}$ | 10.66 ${ }^{\circ}$ |
| C3 | 30.37' | $86^{\circ} 38^{\prime} 17^{\prime \prime}$ | 45.92' | N00'49'51 ${ }^{\prime \prime} \mathrm{E}$ | 41.67 ${ }^{\circ}$ |
| (c3) | (30.37) |  |  | (NO3.24'47'E) | (41.66') |



| mWM <br> Design Group | 305 East Huntand Divive sulte 200 <br> Austin. Texas 70752 <br>  | SKETCH TO ACCOMPANY FIELD NOTES |  |
| :---: | :---: | :---: | :---: |
|  |  | TRAVIS COUNTY, TEXAS | $4$ |

Exhibit A Page 4 of 5

Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLEFST-0.344 Acre Temporary Staging Area and Materials Storage Site City of Austin

## Surveyor Cerlification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been revicwed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information slown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October, 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {si }}$ Street, Austin, Texas 78745


City of Austin (Water Line Easement)

Field Notes for $4635.27 W \mathrm{LE}$

BEING 0.147 OF ONE ACRE OF LAND ( 6420 S.F.), MORE OR LESS, OUT OF AND A PART OF THE GREEN MCCOY SURVEY NO. 29, ABSTRACT NO. 514 IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF THE 1.625 ACRE TRACT OF LAND CONVEYED TO CITY OF AUSTIN, A TEXAS MUNICIPAL CORPORATION SITUATED IN THE COUNTIES OF TRAVIS AND WILLIAMSON, STATE OE TEXAS, BY GENERAL WARRANTY DEED DATED ON OCTOBER lGTH, 2000, FILED FOR RECORD ON OCTOEER 19TH, 2000, RECORDED IN DOCUMENT 2000167964 OF THE OFEICIAL PUBLIC RECORDS OE TRAVIS COUNTY, TEXAS, SAID 0.147 OF ONE ACRE OF LAND $(6420$ S.E. $)$ BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS AND AS SHOWN ON THE ATTACHED SKETCH:

COMMENCING at a $1 / 2$ inch ron rod found in the southeasterly right-of-way line of Splcewood Springs Road (R.O.W. varies) at the most northerly corner of said 1.625 acre City of Austin tract and a conner of the remainder of the former Spicewood Springs Road vacated by Travis County Commissioner's Court in Volume 41, Page $32 G$ of the recorded Minutes of the Commissioner's Court of Travis County, Texas, thence, with the southeasterly right-of-way line of Spicewood Springs Road and a northwesterly line of said 1.625 acre City of Austin tract, as follows;

South $57^{\circ} 32^{\prime} 29^{\prime \prime}$ Nest, a distance of 84.56 feet, to a $1 / 2$ inch iron rod found;
South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ West, a distance of 102.16 feet, to a calculated point, for the Point of Beginning and most northerly corner of the herein described tract of land having Texas State Plane (Texas Central Zone), NAD 83 (CORSS6), U. S. Feet, Combined Scale Eactor of 0.99989 ) values of $17=10126343.23, E=3096837.77$;

1) THENCE, South $37^{\circ} 36^{\prime} 40^{\prime \prime}$ East, a distance of 80.00 feet, leaving the southeasterly right-of-way line of Spicewood Springs Road and the northwesterly llne of said 1.625 acre City of Austin tract, crossing sald 1.625 acre City of Austin tract, to a calculated point for the most easterly corner of the herean clescribed tract of land;
2)     - THENCE, South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ West, a distance of 80.00 feet, to a calculated point for the most southerly cozner of the herein described tract of land;
3) THENCE, North $37^{\circ} 36^{\prime} 40^{\prime \prime}$ West, a distance of 80.51 feet, to a calculated point in the southeasterly right-of-way line of Spicewood Sprangs Road and the northwesterly line of said 1.625 acre City of Rustin tract, for the most westerly corner of the herein described tract of land, from which, a $1 / 2$ inch iron pipe found at a point of curvature in the right-of-way line of spicewood Springs Road and a westerly corner of said 2.625 acre City of Austin tract, bears South $43^{\circ} 40^{\prime} 00^{\prime \prime}$ West, a distance of 13.79 feet;
4) THENCE, North $43^{\circ} 40^{\prime} 00^{\prime \prime}$ East, a distance of 2.41 feet, with the southeasterly right-of-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract, to a $1 / 2$ inch iron pipe found for a corner;
5) THENCE, North $53^{\circ} 34^{\prime} 17^{\prime \prime}$ East, a distance of 42.64 Feet, to a $1 / 2$ inch iron pipe found for an angle point hereof;
6) THENCE, North $52^{\circ} 23^{\prime} 20^{\prime \prime}$ East, a distance of 34.99 feet, to the Paint of Beginning containing an area of 0.147 of one acre of land ( 6420 s.f.), more or less.

I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional Surveyors standards.


Reviewed and Approved by:



Exhibit B

Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLE-0.147 Acre Water Line Easement - City of Austin

## Surveyor Certification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information shown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October. 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {si }}$ Street Austin. Texas 78745 512-442-7875


City of Austin
(Water Line Easement for Subterranean Tunnel)

## Field Notes for 4635.27WLEEST

BEING 0.067 OF ONE ACRE OF LAND (292.3 S.F.), MORE OR LESS, OUT OF AND A PART OF THE GREEN MCCOY SURVEY NO. 29, ABSTRACT NO. 514 IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF THE 1.625 ACRE TRACT OF LAND CONVEYED TO CITY OF AUSTIN, A TEXAS MUNICIPAL CORPORATION SITUATED IN THE COUNTIES OF TRAVIS AND WILLIAMSON, STATE OF TEXAS, BY GENERAL WARRANTY DEED DATED ON OCTOBER 16TH, 2000, FILED FOR FECORD ON OCTOBER 19TH, 2000, RECORDED IN DOCUMENT 2000167964 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS, SAID 0.067 OF ONE ACRE OF LAND ( 2923 S.F.) HEREINAETER DESIGNATED AS PART 2 AND PART 2 AND BEING MORE PARTICULARLY DESCRIBED GY METES AND gOUNDS AS FOLLOWS AND AS SHOWN ON THE ATTACHED SKETCH:

Part 1
COMENCING at a $1 / 2$ inch iron rod found in the southeasterly right-of-way line of Spicewood Springs Road (R.O.W. varies) at the most northerly corner of said 1.625 acre City of Austin tract and a corner of the remainder of the former Spicewood Springs Road vacated by Travis County Commissioner's Court in Volume 41 , Page 326 of the recorded Minutes of the Comissioner's Court of Travis County, Texas, thence, with the southeasterly right-of-way line of Spicewood Springs Roac and the northwesterly line of said 1.625 acre City of Austin tract, as follows;

South $57^{\circ} 32^{\prime} 29^{\prime \prime}$ West, a distance of 84.56 feet, to a $1 / 2$ inch iron rod found;
South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ West, a distance of 137.15 feet, to a $1 / 2$ inch iron pipe found;
South $53^{\circ} 34^{\prime} 17^{\prime \prime}$ West, a clistance of 42.64 feet, to a $1 / 2$ inch iron pipe found;
South $43^{\circ} 40^{\prime} 00^{\prime \prime}$ West, a distance of 2.41 feet, to a calculated point, for the Paint of Beginning, and the most northerly corner of the herein described tract of land having Texas State Plane (Texas Central Zone), NAD 83 (CORS96), U. S. Feet, Combined Scale Factor of 0.99989) values of $\mathrm{N}=10126294.82, \mathrm{E}=3096774.09$;

1) THENCE, South $37^{\circ} 36^{\prime} 40^{\prime \prime}$ East, a clistance of 5010 feet, leaving the southeasterly right-oŕ-way line of Spicewood Springs Road and the northwesterly line oŕ said 1.625 acre City of Austin tract and crossing said 1.625 acre City of Austin tract, to a calculated point for the most easterly corner of the heroin described tract of land;
2) THENCE, South $76^{\circ} 08^{\prime} 14^{\prime \prime}$ West, a distance of 43.31 feet, to a calculated point in the curving easterly right-of-way line of Spicewood Springs Road and the curving westerly line of said 1.625 acre City of mustin tract, for the most southerly corner of the herein described tract of land, from which, a $1 / 2$ Inch iron pipe found at the endpoint of said curve, bears along said curve, to the left, having a radius of 30.37 feet, an angle of intersection of $03^{\circ} 54^{\prime} 30^{\prime \prime}$, an arc length of 2.07 feet, and a chord bearing South $40^{\circ} 32^{\prime} 02^{\prime \prime}$ East, a distance of 2.07 feet;
3) THENCE, with the curvang easterly right-of-way line of Spicewood Springs poad and the curving westerly line of said 1.625 acre City of Austin tract, along said curve to the right, having a radius of 30.37 feet, an angle of intersection of $82^{\circ} 43^{\prime \prime} 47^{\prime \prime}$, an arc length of 43.85 feet, and a chord bearing North $02^{\circ} 47^{\prime} 06^{\prime \prime}$ East, a distance of 40.14 feet, to a $1 / 2$ inch iron pipe found at the endpoint of said curve;
4) THENCE, North $43^{\circ} 40^{\prime} 00^{\prime \prime}$ East, a distance of 13.79 feet, to the point of Eeginning and containing an area of 0.032 of one acre of land (1383 s.f.), more or less.

Part 2
COMAENCING at a $1 / 2$ inch iron rod found in the southeasterly right-of-way line of Spicewood Springs Road (R.O.W. varies) at the most northerly corner of said 1.625 acre City of Austin tract and a corner of the remainder of the former Spicewood Springs Road vacated by Travis County Commissioner's Court in Volume 41, Page 326 of the recorded Minutes of the Commissioner's Court of Travis County, Texas, .thence, with the southeasterly right-of-way line of spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract, as follows;

South 57 $32^{\prime} 29^{\prime \prime}$ West, a distance of 84.56 feet, to a $1 / 2$ inch iron rod found;
South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ West, a distance of 32.41 feet, to a calculated point, for the point of Beginning, the most northerly corner and most easterly corner of the herein described tract of land having Texas state Plane (Texas Central Zone), NAD 83 (CORS961, 4.5. Eeet, Combined Scale Factor of 0.99989) values of Na10126385.79, Em3096893.02;

1) THENCE, South $20^{\circ} 03^{\prime} 46^{\prime \prime}$ West, a distance of 82.55 feet, leaving the southeasterly right-of-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract and crossing said 1.625 acre city of Austin tract, to a calculated point for the most southerly comer of the herein described tract of land;
2) THENCE, North $37^{\circ} 36^{\prime} 40^{\prime \prime}$ West, a distance of 44.14 上eet, to a calculated point in the southeastarly right-of́-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract, for the most westerly corner of the herein described tract of land, from which, a $1 / 2$ inch iron pipe found at an angle point in southeasterly right-of-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract bears South $52^{\circ} 23^{\prime} 20^{\prime \prime}$ west, a distance of 34.99 feet;
3) 'HElHCE, North $52^{\circ} 23^{\prime} 20^{\prime \prime}$ East, a distance of 69.76 feet, with the southeasterly right-of-way line of Spicewood Springs Road and the northwesterly line of said 1.625 acre City of Austin tract, to the Point of Beginning and containing an area of 0.035 of one acre of land (1540 s.f.), more or less.

| Part 1 | 0.032 ac $(1383 \mathrm{s.f})$. |
| :--- | :--- |
| Part 2 | $0.035 \mathrm{ac}(1540 \mathrm{s.f)}$. |
| Total | $0.067 \mathrm{ac}(2923 \mathrm{s.f)}$. |

I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional Surveyors standards.


Registered Professional Land Surveyor 5010

## MWM DesignGroup

305 East Huntiand Drive, Suite 200
Austin, Texas, 78752 (512) 453-0767
Bearing Basis:


The coordinates shown are based on the Texas State Plane, Central Zone NAD83(CORS96), For surface coordinates, divide Grid Coordinates by Combined Scale Factor of 0.99999. All distances shown are surface distances.

Base
Station
DE7995
DF4373
DF4070

PID $\frac{\text { Designation }}{\text { HOT1 }} \begin{aligned} & \text { Carterburgess CoOp (CORS) } \\ & \text { TXAU Austin Rrp2 (CORS) }\end{aligned}$
EZAU Easy Austin COOP (CORS)
TCAD No.: 0164130703

Reviewed and Approved by:
Latitude N301608.940 N301842.087 W301235.483

CITY GRID No.:

F35
Longitude MACIAS \& ASSOCIATES, L.P Lonqitude MACIAS \& PSSOCIATES
w0974713.440
w0974522.712
wo $974412.279 /$ Late: $10 / 05 / 20 / 0$

J^ckis < $4 \ll \pi D 0)$
R.PL.S 5209


Exhibit C-1

Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLEFST-0.067 Acre Subterranean Tunnel Easement - City of Austin

## Surveyor Certification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised -- January, 2007) and that the information slown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October, 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {st }}$ Street Austin, Texas 78745 512-442-7875


Field Notes for $4635.27 W L E F G T$

BEING 0.490 OF ONE ACRE OF LAND, MORE OR LESS, OUT OF AND A PART OF THE JOHN M. SWISHER SURVEY 32, ABSTRACT NO. 2405 IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF LOT 1 , BLOCK "Y", THE BEND AT THE VIILAGES OF SPICEWOOD, RECORDED IN BOOK 92, PAGE 289 OF THE PLAT RECORDS OF TRAVIS COUNTY, TEXAS, CONVEYED TO THE CITY OF AUSTIN, BY WARRANTY DEED OF GIET DATED ON JANUARY 14, 1994, ETLED EOR RECORD ON DECEMEER 28, 1998, RECORDED IN VOLUME 13337, PAGE I49 OF THE REAL PROPERTY RECORDS OE TRAVIS COUNTY, TEXAS, SAID 0.490 OF ONE ACRE OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS AND AS SHOWN ON THE ATTACHED SKETCH:

BEGINNING at a calculated point in a northeasterly line of said Lot 1 , Block " $Y$ " and the southwesterly line of a 35.00 acre tract of land conveyed to Round Rock Independent School District by deed recorded in Volume 7780 , Page 183 of the Deed Records of rravis County, Texas, for the Point of Beginning and most northerly corner of the herein described tract of land having texas gtate piane (Teyas Central zone), NAD 83 (CORS96), U. S. Feet, Combined scale Factor of $0.99989\}$ values of $N=10127800.45, E=3098659.29$, from which, a $1 / 2$ inch iron rod found at a corner of said Lot 1, Block "Y" and the most westerly corner of said 35.00 acre Round Rock Independent School District tract bears North 73"41'01" West, a distance of 81.85 feet;

1) THENCE, South $73^{\circ} 41^{\prime} 01$ " East, a distance of 72.28 feet, with a northeasterly line of said Lot 1 , Block "Y" and the southwesterly line of said 35.00 acre Round Rock Independent School District tract, to a calculated point for the most easterly corner of the herein described tract of land, from which, a $1 / 2$ inch iron rod found in the southwesterly line of said 35.00 acre found Rock Independent School District tract, at a corner of said Lot 1, Block "Y" and the most westerly corner of Lot 22 , Block " $G$ " of said The Bend at the Villages of Spicewood, bears South $73^{\circ} 41^{\prime} 01^{\prime \prime}$ East, a distance of 440.24 feet;
2) THENCE, South $62^{\circ} 33^{\prime} 02^{\prime \prime}$ West, a distance of 491.19 feet, leaving a northeasterly line of said Lot 1 , Block " $Y$ " and the southwesterly line of said 35.00 acre Round Rock Independent School District tract and crossing said Lot 1, Block " $Y$ ", to a calculated point in a northwesterly line of said Lot 1, Block "Y" and a southeasterly line of Lot 94, Block "D" of The Park at Spicewood Springs Ehase One, Section IV, recorded in Book 84, Page 192B of the Plat Records of Travis County, Texas, for the most southerly and most westexly corner of the herein described tract of land, from which, a $1 / 2$ inch iron rod found at a corner of said Lot 1, Block "Y" and a corner of said Lot 94, Block "D" bears South $29^{\circ} 24^{1} 46^{\prime \prime}$ West, a distance of 199.26 feet, South $40^{\circ} 56^{\prime} 30^{\prime \prime}$ West, a distance of 130.35 feet, South $13^{\circ} 02^{\prime} 1^{\prime \prime}$ West, a distance of 145.53 feet and South $29^{\circ} 52^{\prime} 48^{\prime \prime}$ West, a distance of 164.05 feet;
3) THENCE, North $29^{\circ} 24^{\prime} 4^{\prime \prime}$ East, a distance of 91.47 feet with a northwesterly line of said Lot 1 , Block "Y" and a southeasterly line of said Lot 94, Block "D", to a calculated point for a corner, from which, a $1 / 2$ inch iron rod found in the noltheasterly line of Lot 88, Block "D" of said The Park at Spicewood Springs, Phase One, Section IV, at a corner of said Lot 1 , Block $Y_{\text {, }}$ and the most southerly and easterly corner of Lot 69, Block "N" of the Enclave Section One at the Villages of Spicewood, recorded in Book 93, Page 146 or the Plat Records of Travis County, Texas, bears North $29^{\circ} 24^{\prime} 46^{\prime \prime}$ East, a distance of 265.67 feet, North $22^{\circ} 50^{\prime} 32^{\prime \prime}$ East, a distance of 298.42 feet, North $03^{\circ} 07^{\prime} 26^{\prime \prime}$ East, a distance of 165.32 feet, North $16^{\circ} 56^{\prime} 37^{\prime \prime}$ East, a distance of 367.06 feet, North $03^{\circ} 43^{\prime} 25^{\prime \prime}$ East, a distance of 299.11 feet, North $09^{\circ} 58^{\prime} 36^{\prime \prime}$ West, a distance of 460.92 feet, North $60^{\circ} 45^{\prime} 36^{\prime \prime}$ West, a
distance of 251.83 feet, North $62^{\circ} 10^{\prime} 51^{\prime \prime}$ West, a distance of 105.71 feet, and North $61^{\circ} 51^{\prime} 43^{\prime \prime}$ West, a distance of 117.95 feet;
4) THENCE, North 62 $33^{\prime} 02^{\prime \prime}$ East, a distance of 362.40 feet, leaving a northwesterly line of said Lot 1 , BLock " $Y$ " and a southeasterly line of said Lat 94 , Block "D", and crossing saicl Lot 1 , Block "Y" to the Point of Beginning and containing an area of 0.490 of one acre of land, more or less.

I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas society of Professional Surveyors standards.

## Celvereso. Mends

Eduardo O. Mendez
Registered Professional Land Surveyor 5010

MWM DesignGroup
305 East Huntland Drive, Suite 200
Austin, Texas, 78752 (512) 453-0767


Bearing Basis: The coordinates shown are based on the Texas State Plane, Central Zone NAD83(CORS96). For surface coordinates, divide Grid Coordinates by Combined Scale Factor Of 0.99989 , All distances shown are surface distances.


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TCAD NO.:
CITY GRID NO.: G35
0164110636
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Reviewed and Approved by:




Exhibit C-2


Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLEFST- 0.490 Acre Subterranean Tunnel Easement - City of Austin

## Surveyor Certification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information shown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October, 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {st }}$ Street Austin, Texas 78745 512-442-7875


5410 South $1^{\text {st }}$ Street - Austin. Texas $78745 \cdot(512) 442-7875$ - Fax (512) 442-7876. w w w. maciasworld.com

## Field Notes for 4635.27WLEFST

BEING 1. OB6 ACRES OF LAND, MORE OR LESS, OUT OF AND A PART OF THE JOHN M. SWISHER SURVEY NO. 32, ABSTRACT NO. 2405, IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF LOT 94, BLOCK "D", THE PARK AT SPICEWOOD SPRINGS, PHASE ONE, SECTION IV, RECORDED IN BOOK 84, PAGE 192 B OF THE PLAT RECORDS OF TRAVIS COUNTY, TEXAS, A PORTION OF WHICH WAS CONVEYED TO THE CITY OE AUSTIN, BY WARRANTY DEED OF GIFT DATED ON APRIL 27, 198B, EILED FOR RECORD ON APRIL 29, 1988, RECORDED IN VOLUME 10665, PAGE 978 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS, SAID $1.0 B 6$ ACRES OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS AND AS SHOWN ON THE ATTACHED SKETCH:

COMMENCING at a $1 / 2$ inch iron rod found in the northeasterly right-of-way line of Tweedsmuir Drive (50' R.O.W.), at the most westerly corner of Lot 10 , 日lock " $D$ " of The Park at Spicewood Springs, thase One, Section I, recorded in Book 81 , Page 355 of the Plat Records of Travis County, Texas, and the most southerly corner of Lot 11 , Block " $D$ " of said The Parls at Spicewood Springs, Phase One, Section I, thence as rollows;

Worth $81^{\circ} 19^{\prime} 16^{\prime \prime}$ East, a distance of 199.94 feet, with the northwesterly line of said Lot 10 , Block: "D" and the southeasterly line of said Lot 11 , Block "D", to a calculated point in a southwesterly line of Lot 1 , Block "D" of said The Park at Spicewood Springs, Phase One, Section 1 , at the most easterly corner of said Lot 11 , Block "D" and the most northerly corner of said Lot 10 , Block "D", from which, a $1 / 2$ inch iron rod found bears North $72^{\circ} 28^{\prime \prime} 15^{\prime \prime}$ West, a distance of 1.30 feet;

North $09^{\circ} 40^{\prime} 44^{\prime \prime}$ West, a distance of 1.11 feet, with the northeasterly line of said Lot 11 and a southwesterly line of said lot 1 , Block "D", to a calculated point at a corner of said lot 94, Block " $D$ " and at the most northerly corner of said Lot 1, Block "D";

South 61"48'44" East, a clistance of 940.88 feet, with a southwesterly line of said Lot 94, Block "D" and the northeasterly line of said Lot 1, Block: "D" to a calculated point for the foint of Beginning and most westerly corner of the herein described tract of land having Texas State Plane (Texas Central Zonel, NAD 03 (CORS96), U. S. Feet, Combined Scale factor of 0.99989 ) values of $\mathrm{N}=10127171.77, \mathrm{C}=3097449.00$;

1) THENCE, North $62^{\circ} 33^{\prime} 02^{\prime \prime}$ East, a distance of 1001.59 feet, leaving a southwesterly line of said Lat 94 , Block " D " and the northeasterly line of said Lot 1 , Block "D", crossing said Lot 94, Block "D", to a calculated point in a southeastexly line of said Lot 94, Block " $D$ " and a northwesterly line of Lot 1 , Block " $Y$ " of The Bend at the Villages of Spicewood, recorded in Book 92, Page 289 of the Plat Records of Travis County, Jexas, for the most northerly corner of the herein described tract of land, from which, a $1 / 2$ inch iron rod found in the northeasterly line of Lot B8, Block "D" of said The Park at Spicewood Springs, Phase One, Section IV, at a corner of said Lot 1, Block Y, and the most southerly and easterly corner of Lot 69, Block "N" of the Enclave Section One at the Villages of Spicewood, recorded in Book 93, Page 245 of the plat Records of Travis County, Texas, bears North $29^{\circ} 24^{\prime} 46^{\prime \prime}$ East, a distance of 265.67 feet, North $22^{\circ} 50^{\prime} 32^{\prime \prime}$ East, a distance of 298.42 feet, North $03^{\circ} 07^{\prime} 26^{\prime \prime}$ East, a distance of 165.32 feet, North $16^{\circ} 56^{\prime} 37^{\prime \prime}$ East, a distance of 367.06 feet, North 0343'25" East, a distance of 299.11 feet, North 09058'36" West, a distance of 460.92 feet, North $60^{\circ} 45^{\prime} 36^{\prime \prime}$ West, a distance of 251.83 feet, North $62^{\circ} 10^{\prime} 51^{\prime \prime}$ West, a distance of 105.71 feet, and North $61^{\circ} 51^{\prime} 43^{\prime \prime}$ West, a distance of 117.95 feet;
2) THENCE, South $29^{\circ} 24^{\prime \prime} 16^{\prime \prime}$ Mest, a distance of 91.47 feet, with a southeasterly line of said Lot 94, Block "D" and a northwesterly line of said Lot 1, Block "Y", to a calculated point for a corner, from which, a $1 / 2$ inch iron rod found at a corner of said Lot 1, Block "Y" and a corner of said Lot 94, Block "D" bears South 29"24'46" West, a distance of 199.26 feet, South $40^{\circ} 56^{\prime} 30^{\prime \prime}$ West, a distance of 130.35 feet,

South $13^{\circ} 02^{\prime} 19^{\prime \prime}$ West, a distance of 145.53 feet and South $29^{\circ} 52^{\prime} 4 B^{\prime \prime}$ West, a distance of 164.05 Eeet;
3) THENCE, South $62^{\circ} 33^{\prime} 02^{\prime \prime}$ West, a distance of 890.81 feet, leaving a southeasterly line of said Lot $94, \operatorname{lock}$ " $D$ " and a northwesterly line of said Lot 1 , Block "Y", crossing said Lot 94 , Block "D", to a calculated point in a southwesterly line of said Lot 94, Block "D" and the northeasterly-line of said Lot 1, Block "D", for the most southerly corner of the herein described tract of land, from which, a $5 / 8$ inch iron rod with MWM cap set at a northerly corner in the Spicewood Springs Road right-of-way line, in a southwesterly line of said Lot 94, Block "D", at the most easterly corner of said Lot 1 , Block " $D^{\prime \prime}$, bears South 6148'44" East, a distance of 556.92 feet;
4) THENCE, North $61^{\circ} 48^{\prime} 44^{\prime \prime}$ West, a distance of 60.57 feet, with a southwesterly line of said Lot 94, Block " $D$ ", and the northeasterly line of said Lot 1, glock "D", to the point of Beginning and containing an area of 1.086 acres of land, more or less.

I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional Surveyors standards.


Registered Professional Land Surveyor 5010
MWM DesignGroup
305 East Huntland Drive, Suite 200
Austin, Teras, 78752 (512) 453-0767


Bearing Basis: The coordinates shown are based on the Texas State Plane, Central zone NAD83(CORS96). For surface coordinates, divide Grid Coordinates by Combined Scale factor Of 0.99989. All distances shown are surface distances.

| Base |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Station | PID | Designation | Latitude | Langitude |
| DE7995 | HOT1 | Carterburgess Coop (CORS) | N301608.940 | W0974713.440 |
| DE4373 | TXAU | Austin Rrp2 (CORS) | N301842.087 | W0974522.712 |
| DE4070 | EZAU | Easy Austin Coop (CORS) | N301235.483 | W0974412.279 |

TCAD No.:
0166110124
CITY GRID No.: F35

Reviewed and Approved by:

R.P.C.S. 55209


Exhibit C-3
Page 3 of 6


Exhibit C-3
Page 4 of 6


Exhibit C-3
Page 5 of 6

Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLEFST- 1.086 Acre Subterranean Tunnel Easement - City of Austin

## Surveyor Certification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information shown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Ausin, Travis County, Texas, this 6th day of October, 2010, A.D.

Macias \& Associates, L.P. 5410 South $1{ }^{\text {sl }}$ Street Austin, Texas 78745 512-442-7875


5410 South $1^{51}$ Street • Austin, Texas $78745 \cdot$ (512) 442-7875 • Fax (512) 442-7876 • www.maciasworld.com

City of Austin<br>(Water Line Easement For Subterranean Tunnel)

## Field Notes for 4635.27WLEFST

BEING 0.770 OF ONE ACRE OF LAND, MORE OR LESS, OUT OF AND A PART OF THE GREEN MCCOY SURVEY NO. 29, ABSTRACT NO. 514, IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF LOT 3, BLOCK "D", THE PARK AT SPICEWOOD SPRINGS, PHASE ONE, SECTION I, RECORDED IN BOOK BI, PAGE 355 OF THE PLAT RECORDS OF TRAVIS COUNTY, TEXAS, CONVEYED TO THE CITY OF AUSTIN, BY WARRANTY DEED OF GIFT DATED ON APRIL 27, 1986, EILED FOR RECORD ON APRIL 29, 1988, RECORDED IN VOLUME 10665, PAGE 97日 OF THE REAL PROPERTY RECORDS OE TRAVIS COUNTY, TEXAS, SAID 0.770 OF ONE ACRE OF LAND BEING MORE PARTICULARLY described by metes and bounds as follows and as shown on rhe attached SKEPCH:

COMENCING at a $1 / 2$ inch iron rod found in the northeasterly right-of-way line of Tweedsmuir Drive (50' R.O.W.), at the most westerly corner of Lot 10 , Block " $\mathrm{D}^{\prime}$ of said The Park at Spicewood Springs, phase One, Section I and the most southerly corner of Lot 11, Block "D" of said The Park at Spicewood Springs, Shase One, Section I, thence as follows;

Worth $81^{\circ} 19^{\prime} 16^{\prime \prime}$ East, a clistance of 199.94 feet, with the northwesterly line of said Lot 10 , Block " $D$ " and the southeasterly line of said Lot 11 , Block " D ", to a calcuiated point at the most easterly corner of said Lot 11, Block "D" and the most northerly corner of said Lot 10 , Block "D", from which, a $1 / 2$ inch iron rad found bears North $72^{\circ} 2 \theta^{\prime} 15^{\prime \prime}$ West., a distance of 1.30 feet;

Worth 080 $0^{\prime}$ '4 $^{\prime \prime}$ West, a distance of 1.11 feet, to a calculated point at the most northerly corner of said Lot 1 , Block "D", and a corner of Lot 94, Block "D" of The Park at Spicewood Springs flase One, Section IV, recorded in Book B4, Page 192 B of the Plat Records of Travis County, Texas;

South 610 $68^{\prime} 4^{\prime \prime}$ ' Cast, a distance of $940.8 B$ feet, with the northeasterly line of said Lot 1 , Block "D" and a southwesterly line of said Lot 94 , Block "D", to a calculated point for the Point of Beginning and most northeriy cornex of the herein described tract of land having Texas State Plane (Texas Central Zone), NAD 83 (CORS96), U. S. Eeet, Combined Scale Factor of 0.99989 ) values of $N=10127171.77, E=3097449.00$;

1) THENCE, South 6148'44' East, a distance of 60.57 feet, to a calculated point for the most easterly corner of the herein described tract: of land, from which, a $5 / 8$ inch iron rod with MWM cap set at a northerly corner in the Spicewood Springs Road right-of-way line and the most easterly corner of said Lot 1 , Block "D" and in a southwesterly line of said Lot 94, Block "D", bears South 6148'44" East, a distance of 434.69 feet;
2) THENCE, South $62^{\circ} 33^{\prime} 02^{\prime \prime}$ West, a distance of 185.32 feet, leaving the northeasterly line of said Lot $1, B$ lock " $D$ " and a southwesterly line of said Lot 94 , Block " $D$ ", and crossing said Lot 1 , Block " $D$ ", to a calculated point for the point of curvature of a tangent circular curve to the left;
3) THENCE, along said curve to the left, having a radius of 715.00 feet, an angle of intersection of $37^{\circ} 55^{\prime} 40^{\prime \prime}$, an arc length of 473.30 feet, and a chord bearing South $43035^{\prime} 12$ " West, a distance of 464.71 feet, to a calculated point in the northerly right-of-way line of Spicewood Springs Road and the southerly line of said Lot 1 , Block "D", for a southerly corner of the herein described tract of land, from which, a $5 / 8$ inch iron rod with MWM cap set at a northerly cornex in the Spicewood Springs Road right-of-way line and the most easterly corner of said Lot 1 , Block " $D$ " and in a southwesterly line of said Lot 94 , Block " $\mathrm{D}^{\prime}$, bears Noxth $87^{\circ} 32^{\prime} 42^{\prime \prime}$ East, a distance of 76.02 feet, along a curve to the left, having a radius of llob. 51 feet, an angle of intersection of $15^{\circ} 24^{\prime 4} 5^{\prime \prime}$, an arc length of 298.19 feet, and a chord bearing North
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79*50'20" East, a distance of 297.29 feat, and Narth 72*07'57" East, a distance of
524.72 feet;
4) THENCE, South \(87^{\circ} 32^{\prime} 42^{\prime \prime}\) West, a distance of 55.68 feet, with the northerly right-of-way line of Spicewood Springs Road and the southerly line of said Lot 1 , Block "D", to a calculated point for the most westerly corner of the herein described tract of land, from which, a \(1 / 2\) inch iron rod found at the most westerly corner of said Lot 1 , Block "D", and the most southerly corner of Lot 2, Block "D" of said The Park at Spicewood Springs, Phase One, Section I, bears South 87032'42" West, a distance of 167,89 feet, and along a curve to the right, having a radius of 355.97 feet, an angle of intersection of \(48^{\circ} 50^{\prime} 00^{\prime \prime}\), ant arc length of 303.39 feet, and a chord bearing North 64으'15' West, a distance of 294.29 feet;
5) THENCE, leaving the northerly right-of-way line of Spicewood Springs Road and the southerly line of said Lot 1, Block "D", crossing said Lot 1, Black "D", along a curve to the right, having a radius of 765.00 feet, an angle of intersection of 3949'35", an arc length of 531.75 feet, and a chord bearing North 42"38'14" East, a distance of 521.11 feet, to a calculated point of tangency;
6) THENCE, North 62033'02" East, a distance of 151.13 feet, to the Point of Beginning and containing an area of 0.770 acres of land, more or less.
I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional Surveyors standards.
\(\frac{\text { Edna nd do } \theta \text { Mender }}{\text { Eduardo o. Mendez }}\)
Registered Professional Land Surveyor 5010
MWM Designgroup
305 East Hunt land Drive, Suite 200
Austin, Texas, 78752 (512) 453~0767
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Bearing Basis: The coordinates shown are based on the Texas state Plane, Central zone NAD83(CORS96). For surface coordinates, divide Grid Coordinates by Combined Scale Factor Of 0.99989 . All distances shown are surface distances.

Base

| Station | RID | Designation | Latitude | Longitude |
| :--- | :--- | :--- | :--- | :--- |
| DE 7995 | HOT1 | Carterburgess Coop (CORS) | N30160B.940 | W0974713.440 |
| DF4373 | TAU | Austin Rrp2 (CORS) | $N 301842.087$ | W0974522.712 |
| DF4070 | E2AU | Easy Austin COOp (CORS) | N301235.483 | W0974412.279 |

TCAD No.:
0164130501
CITY GRID No.: $E 35$
Reviewed and Approved by:
MACIAS. \& ASSOCIATES, LP.


| LINE | BEARING | LENGTH |
| :---: | :---: | :---: |
| L1 | S08*40'44"E | $78.80^{\prime}$ |
| L2 | N81'19'16"E | 199.94' |
|  | (N81.19'16"E) | (200.0') |
| L3 | S08.40'44"E | 79.91' |
|  | (N08.20' ${ }^{\text {W }}$ ) | (80.0') |
| L4 | S08*40'44"E | $79.91^{\prime}$ |
|  | (N08.20'W) | (80.0') |
| L5 | S08*40'44"E | 159.82' |
| L6 | $561^{\circ} 48^{\circ} 44^{\circ} \mathrm{E}$ | 60.57 ${ }^{+}$ |
| L 7 | S62 ${ }^{\circ} 33^{\prime} 02^{\prime \prime} \mathrm{W}$ | 185.32 ${ }^{\circ}$ |
| L8 | S87\%32'42" ${ }^{\prime \prime}$ | 55.68 ${ }^{\circ}$ |
| 49 | N62.33'02'E | 151.13' |



| CURVE TABLE |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CURVE | RADIUS | DELTA | LENGTH | BEARING | CHORD |
| C1 | $715.00^{\circ}$ | 37'55'40' | $473.30^{\circ}$ | S43.35'12"W | $464.71^{\circ}$ |
| C2 | 355.97' | $48^{\circ} 50^{\prime} 00^{\prime \prime}$ | $303.39^{\prime}$ | N68.02'15"W | 294.29 |
| (C2) | (355.97) | (48.50') | (303.39) | (N80.11'35"E) | (297.29') |
| C3 | $765.00^{\circ}$ | 39'49'35' | 531.75' | N42.38 ${ }^{\prime} 14^{\prime \prime} \mathrm{E}$ | 521.11 ${ }^{\circ}$ |
| C4 | 1108.51'. | $15^{\prime} 24^{\prime} 45^{\prime \prime}$ | $298.19^{\prime}$ | N79*50'20"E | 297.29 |
| (C4) | (1108.51') | (15 ${ }^{\prime \prime} 4^{\prime} 45^{\prime \prime}$ ) | (298.19') | ( $\mathrm{N} 67^{\circ} 41^{\prime} \mathrm{W}$ ) | (297.29) |



| mWm <br> Désign Group | 305 East Muntland Drive Sulte 200 <br> Austin, Texas 78752 <br> p: 512.153 .0767 <br> . 512.153 .1734 | SKETCH TO ACCOMPANY FIELD NOTES |  |
| :---: | :---: | :---: | :---: |
|  |  | TRAVIS COUNTY, TEXAS | $4084$ |

Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLEFST-0.770 Acre Subterranean Tunnel Easement - City of Austin

## Surveyor Certification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in fomn to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information shown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October: 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {st }}$ Street Austin, Texas 78745 512-442-7875


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5410 South 'si Strect * Austin, Texas 78745 - (512) 442-7875 * Fa, (512) 442-7876 *
    www.macia m w orld.com
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beIng 0.473 OF ONE ACRE OE LAND, MORE OR LESS, OUT OE AND A PART OF THE GREEN MCCOY SURVEY NO. 29, ABSTRACT NO. 514 IN TRAVIS COUNTY, TEXAS, SAME BEING A PORTION OF LOT 6O, BLOCK "A" OF THE PARK AT SPICEWOOD SPRINGS, PHASE ONE, SECTION III, DEDICATED TO THE PUBLIC AS GREEUBELT-DRAIMAGE PND PUBLIC UTILITY EASEMENT, FILED FOR RECORD ON August 27, 19B4, AND RECORDED IN BOOK 84, PG. 1908 OF THE PLAT RECORDS OE TRAVIS COUNTY, TEXAS, SAID 0.473 OF ONE ACRE OF LAND BEING MORE FARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS AND AS SHONN ON THE ATTACHED SKETCH:

BEGINHING at a calculated point in the northwesterly right-of-way line of old Lampasas Trail (R.O.W. varies) and in a southeasterly line of said Lot 60, Block "A", for the Point of beginning, the most southerly and the most westerly corner of the herein described tract of land having Texas state plane (Texas Central Zone), NAD 83 (CORS96), U. S. Feet, Combined Scale Factor of 0.99989 ) values of $N=10125589.40$, $E=3095012.12$, from which, a $1 / 2$ inch iron rod found in the northwesterly right-of-way line of Spicewood Springs Road, at the most southerly corner of said Lot 60, Block " A " and a corner of Lot 40 , Block "H" of Northwest Balcones Amended, recorded in Book 78, Page 14B of the Plat Records of Travis County, Texas bears South $64^{\circ} 12^{\prime} 58^{\prime \prime}$ West, a distance of 8.16 feet;

1) THENCE, leaving the northwesterly right-of-way line of Old Lampasas Trail and a southeasterly line of said Lot 60, Block "A", crossing said Lot 60, Elock "A", along a curve to the left, having a radius of 735.00 feet, an angle of intersection of $20^{\circ} 59^{\circ} 05^{\prime \prime}$, an arc length of 269.20 feet, and a chord bearing North $49^{\circ} 5^{\prime} 02^{\prime \prime}$ East, a distance of 267.69 feet, to a calculated point, for the point of reverse curvature of a non-tangent circular curve to the right;
2) THENCE, along said curve to the right, having a radius of 765.00 feet, an angle of intersection of $25^{\circ} 13^{\prime} 23^{\prime \prime}$, an arc length of 336.77 feet, and a chord bearing North $52^{\circ} 46^{\prime} 20^{\prime \prime}$ East, a distance of 334.06 feet, to a calculated point in $\bar{a}$ northeasterly line of said Lot 60, Block "A", and a southwesterly line of Lot 59, Block "A" of The Park at Spicewood Springs, Fhase One, Section II, recorded in Book 84, Page 62C of the Plat Records of Travis County, Texas, for the most northerly corner of the herein described tract of land, from which, a $1 / 2$ inch iron rod found at a corner of said Lot 60 , Block " $A$ ", and a corner of said Lot 59, Block "A" bears North $33^{\circ} 18^{\circ} 23^{\prime \prime}$ West, a distance of 69.25 feet;
3) THENCE, South $33^{\circ} 18^{\prime} 23^{\prime \prime}$ East, a distance of 16.80 feet, with a northeasterly line of said Lot 60, 日lock "A", and a southwesterly line of said Lot 59, Block "A", to a $5 / 8$ inch iron rod with MWM cap set in the curving northwesterly rightmof-way line of Old Lampasas Trail, at an easterly corner of said Lot 60, Block " $A$ " and the most southerly corner of said Lot 59 , Block "A", for the most easterly corner of the herein described tract of land;
4) THENCE, with the curving northwesterly right-of-way line of old Lampasas Trail and a curving southeasterly line of said Lot 60, Block "A", along said curve to the left, having a radius of 345.00 feet, an angle of intersection of $22^{\circ} 11^{\prime \prime} 39^{\prime \prime}$, an arc length of 133.64 feet, and a chord bearing South $48^{\circ} 27^{\prime \prime} 41^{\prime \prime}$ West, a distance of 132.81 feet, to a calculated point for the endpoint of said curve;
5) THENCE, South $37^{\circ} 21^{\prime} 58^{\prime \prime}$ West, a distance of 18.68 feet, to a calculated point for the point of curvature of a non-tangent circular curve to the left;
6) THENCE, leaving the northwesterly right-of-way line of old Lampasas Trail and a southeasterly line of said Lot 60, Block "A", and crossing saicl Lot 60, Block "A", along said curve to the lent, having a radius of 715.00 feet, an angle of intersection of $13^{\circ} 48^{\prime} 07 \prime$ ", an arc length of 172.24 feet, and a chord bearing South $47^{\circ} 06^{\prime} 33^{\prime \prime}$ West, a distance of 171.82 feet, to a calculated point for the point of reverse curvature of a non-tangent circular curve to the right;
7) THENCE, along said curve to the right, having a radius of 785.00 feet, an angle of intersection of $04^{\circ} 10^{\prime} 27^{\prime \prime}$, an arc length of 57.19 feet, and a chord bearing South $40^{\circ} 53^{\prime} 30^{\prime \prime}$ West, a distance of 57.18 feet, to a calculated point in the curving northwesterly right-of-way line of Old Lampasas Trail and a curving southeasterly line of said Lot 60 , Block "A", for the point of compound curvature of a non-tangent circular curve to the right;
8) THENCE, with the curving northwesterly right-of-way line of old Lampasas Trail and a curving southeasterly line of said Lot 60 , Block "A", along said curve to the right, having a radius of 418.93 feet, an angle of intersection of $04^{\circ} 05^{\prime} 54^{\prime \prime}$, an arc length of 29.97 feet, and a chord bearing South 62009'56" West, a distance of 29.96 feet, to a calculated point for the endpoint of said curve;
9) THENCE, South $64^{\circ} 12^{\prime} 58^{\prime \prime}$ West, a distance of 197.09 feet, to the Point of Beginning and containing an area of 0.473 of one acre of land, more or less.

I hereby declare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional. Surveyors standards.

## Eencrar O. Mend

Eduardo 0. Mendez
Registered Professional Land Surveyor 5010
MWM DesignGroup
305 East Huntland Drive, Suite 200
Austin, Texas, 78752 (512) 453-0767
Bearing Basis:


The coordinates shown are based on the Texas State Plane, Central Zone NADB3(CORS96). FOr surface coordinates, divide Grid Coordinates by Combined Scale Factor of 0.99989. All distances shown are surface distances.

Base

| Station | RID | Designation |  | Latitude | Longitude |
| :--- | :--- | :--- | :--- | :--- | :--- |
| DE7995 | HOT | Carterburgess Coop (CORS) | N301608.940 | W0974713.440 |  |
| DF4373 | TAU | Austin Rrp2 (CORS) | N301842.0B7 | W0974522.712 |  |

TCAD No.:
0164130351
CITY GRID No.:
E35

Reviewed and Approved by:
MACIAS T\& ASSOCIATES, L.P.


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Exhibit C-5
Page 3 of 7



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| LINE | BEARING | LENGTH |
| :---: | :---: | :---: |
| $L 1$ | $S 33^{\circ} 18^{\prime} 23^{\prime \prime} E$ | $16.80^{\circ}$ |
| $L 2$ | $N^{\prime} 33^{\circ} 18^{\prime} 23^{\prime \prime} W$ | $69.26^{\circ}$ |
| $L 3$ | $S 37^{\circ} 21^{\circ} 58^{\prime \prime} W$ | $18.68^{\prime}$ |
| $L 4$ | $S 37^{\circ} 21^{\prime} 58^{\prime \prime} W$ | $64.41^{\prime}$ |



Gourds s. Deuce
$10 / 4 / 10$


Exhibit C-5
Page 6 of 7

Project: Jollyvilie Water Transmission Main
Parcel No. 4635.27 WLEFST-0.473 Acre Subterranean Tunnel Easement - City of Austin

## Surveyor Certification

1, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information shown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of this document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October, 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {st }}$ Street Austin, Texas 78745 512-442-7875


5410 South $1^{\text {si }}$ Street • Austin, Texas $78745 \cdot(512) 442-7875 \cdot$ Fax (512) 442-7876.
w w w. maciasworld.com

City of Austin
(Water Line Easement For Subterranean Tunnel)

## Field Notes for 4635.27 WLEFST

BEING 0.841 OF ONE ACRE OF LAND, MORE DR LESS, OUT OF AND A PART OF THE GREEN MCCOY SURVEY NO. 29, ABSTRACT NO. 514 IN TRAVIS COUNTY, TEXAS, SAME BEXNG A FORTION OF THE REMAINOER OF LOT 59, BLOCK "A" OF THE PARK AT SEICEWOOD SERINGS, Phase one, section in, oEdicated to the public as greenbelt-orainage and public UTILITY EASEMENT, FILED FOR RECORD ON AUGUST 27, 1984, AND RECORDED IN BOOK 日4, PG. 62C OF THE RLAT RECORDS OF TRAVES COUNTY, TEXAS, SAID 0.841 OF ONE ACRE OF LAND EEING MORE PARTTCULARLY DESCRIBED BY METES PMD BOUNDS AS FOLLOWS AND AS SHONN ON THE ATTACHED SKETCH:

COMRENCING at a $1 / 2$ inch iron rod found in the northwesterly right-of-way line of old Lampasas Trail (R.O.W. varies), at the most southerly corner of Lot 60, Block "A" of The Park at Spicewood Springs Phase One, Section III, recorded in Book 84, Page 190B of the Plat Records of Travis County, Texas, and a corner of Lot 40 , Block " $H$ " of Northwest Balcones Amended, recorded in Book 78 , Page 148 of the Plat Records of Travis County, Texas, thence as follows;

North 64 $12^{\prime} 5 \theta^{\prime \prime}$ East, a distance of 205.25 feet with the northwesterly right-of-way line of Old Lampasas Trail and a southeasterly line of sajd Lot 60, Block " A ", to a calculated point for the point of curvature of a non-tangent circular curve to the left;

Along said curve to the left, having a radius of 418.93 feet, an angle of intersection of $26^{\circ} 50^{\prime} 50^{\prime \prime}$, an arc length of 196.30 feet, and a chord bearing North $50^{\circ} 47$ '28" East, a distance of 194.51 feet, to a calculated point for the endpoint of said curve;

North $37^{\circ} 21^{\prime} 58^{\prime \prime}$ East, a distance of 83.11 feet, to a calculated point, for the point of curvature of a non-tangent circular curve to the right;

Along said curve to the right, having a radius of 345.00 , an angle of intersection of $22^{\circ} 11^{\prime 2} 6^{\prime \prime}$, an arc length of 133.62 feet, and a chord bearing North $48^{\circ} 27^{\prime} 47^{\prime \prime}$ East, a distance of 132.78 seet, to a $5 / 8$ inch ircon rod with MWM cap set the most easterly corner of said Lot 60, Block " $A$ " and the most southerly corner of the remainder of said Lot 59 , Block "A", for the Point of Beginning and most southerly corner of the herein described tract of land, having levas state plane (Texas Central zone), WAD 83 (CORS96), $0 . S$. Feet, Combined Scale Factor of 0.99989) values of Hal0125952.15, E=3095490.11;

1) THENCE, North $33^{\circ} 18^{\prime} 23^{\prime \prime}$ West, a distance of 16.80 feet, leaving the curving northwesterly right-of-way line of old Lampasas Trail, with a southwesterly line of the remainder of said Lot 59 , Block "A" and a northeasterly line of said Lot 60, Block "A", to a calculated point, for the most westerly corner of the herein described tract of land, from which, a $1 / 2$ inch iron rod found at a corner of said Lot 60, Block "A", and a corner of said Lot 59, Block " $\mathrm{A}^{\prime \prime}$, bears North $33^{\circ} 18^{\prime} 23^{\prime \prime}$ West, a distance of 69.26 feet;
2) THENCE, leaving a southwesterly line of said Lot 59, Block "A" and a northeasterly line of said Lot 60, Block "A", and crossing the remainder of said Lot 59, Block "A", along a curve, to the right, having a radius of 765.00 feat, an angle of intersection of $10^{\circ} 44^{\prime} 59^{\prime \prime}$, an arc length of 243.53 feet, and a chord bearing North $70^{\circ} 45^{\prime 3} 31^{\prime \prime}$ East, a distance or 243.32 feet, to calculated point for the point of tangency;
3) THENCE, North $75^{\circ} 08^{\prime} 00^{\prime \prime}$ East, a distance of 1005.46 feet, to a calculated point in the curving northwesterly right-of-way line of Spicewood Springs Road, a curving southeasterly line of the remainder or said Lot 59, Block "A" and a curving northwesterly line of a 0.5560 acre tract of land conveyed to Travis County for street Purposes, recorded in Volume 11328, Page 605 of the Real Property Records of Travis County, Texas, for the most northerly and most easterly corner of the herein described tract of land, from which, a $5 / 8$ inch iron rod with MWM cap set in the northwesterly right-or-way line of Splcewood Springs Road, at a corner of the remainder of said Lot 59, Block "A", and the most northerly corner of said 0.5560 acre Travis County tract, bears along said curve, to the left, having a radius of 555.00 feet, an angle of intersection of 01053.58", an arc length of 18.40 feet, and a chord bearing Horth $49^{\circ} 10^{\prime \prime} 10^{\prime \prime}$ East, a distance of 18.40 feet, and North $4^{\circ} 21^{\prime} 26^{\prime \prime}$ East, a distance of 297.19 feet;
4) THENCE, with the curving northwesterly right-of-way line of spicewood Springs Road, a curving southeasterly line of the remainder of said Lot 59, Block "A", and a curving northwesterly line of said 0.5560 acre Travis County tract, along said curve, to the right, having a radius of 555.00 feet, and angle of intersection of $17^{\circ} 41^{\prime} 15^{n}$, an arc length of 171.33 feet, and a chord bearing South $59^{\circ} 05^{\prime \prime} 6^{\prime \prime}$ West, a distance of 170.65 feet, to a calculated point for the endpoint of said curve;
5) THENCE, South $76^{\circ} 00^{\prime} 00^{\prime \prime}$ West, a distance of 351.54 feet, leaving the curving northwesterly right-oftway line of Spicewood Springs Road, a curving southeasterly line of the remainder of said Lot 59 , Block "A", and a curving northwesterly line of said 0.5560 acre Travis County tract, and crossing the remainder of said Lot 59, Block "A", to a calculated point in the northwesterly line of Old Lampasas Trail and a southeasterly line of said Lot 59, Block "A", for a corner;
6) THENCE, South $85^{\circ} 53^{\prime} 58^{\prime \prime}$ West, a distance of 63.58 feet, with the northwesterly line of old Lampasas lrail and a southeasterly line of the remainder of said Lot 59 , Block "A", to a calculated point for the point of curvature of a non-tangent circular curve to the lerti
7) THENCE, with the curving northwesterly right-of-itay line of old Lampasas Trail and a curving southeasterly line of the remainder of said Lot 59, Block "4", along said, curve to the left, having a radius of 1061.90 feet, an angle of intexsection $08^{\circ} 36^{\prime} 57^{\prime \prime}$, an arc length of 159.68 feet, and a chord bearing South $81^{\circ} 35^{\prime 2} 0^{\prime \prime}$ West, a distance of 159.53 feet, to a calculated point for the endpoint of said curve;
8) THENCE, South $77^{\circ} 16^{\prime} 58^{\prime \prime}$ West, a distance of 281.36 feet, to a calculated point, for the point of curvature of a non-tangent circular curve to the left;
9) THENCE, along said curve to the left, having a radius of 345.00 feet, an angle of intersection of $17^{\circ}$ 43'14", an arc length of 106.70 feet, and a chord bearing South $68^{\circ} 25^{\prime} 34^{\prime \prime}$ West, a distance of 106.2 feet, to the Point of Beginring ard containing an area of 0.841 of one acre of land, more or less.

I hereby dectare that this survey was made on the ground, under my supervision, and that it substantially complies with the current Texas Society of Professional Surveyors standards.


Registered Professional Land Surveyor 5010
NWM DesignGroup
305 East Huntland Drive, Suite 200
Austin, Texas, 78752 (512) 453-0767
Bearing Basis:


The coordinates shown are based on the Texas State Plane, Central zone NaD83(CORS96). For surface coordinates, divide Grid Coordinates by Combined Scale Factor of 0.99989. All distances shown are surfiace distances.



Exhibit C-6


Exhibit C-6
Page 3 of 7


Exhibit C-6



Exhibit C-6


MACLAS \& ASSOCLATES, L.P.
LAND SURVEYORS

Project: Jollyville Water Transmission Main
Parcel No. 4635.27 WLEFST-0.841 Acre Subterranean Tunnel Easement - City of Austin

## Surveyor Certification

I, Jackie Lee Crow, a Registered Professional Land Surveyor, do hereby certify that this document has been reviewed by me, does substantially comply in form to the Legal Description Guidelines for the Department of Public Works of the City of Austin (Revised - January, 2007) and that the information shown on the legal description and sketch does match that information shown in the closure report provided with the document. No review has been made regarding the correctness of boundary line determination, boundary line configuration, easement configuration and calculations used in the production of tlus document.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, this 6th day of October, 2010, A.D.

Macias \& Associates, L.P. 5410 South $1^{\text {st }}$ Street Austin, Texas 78745 512-442-7875


5410 Soutl $1^{\text {si }}$ Street • Austin, Texas 78745 • (512) 442-7875 • Fax (512) $442-7876$.
w w w. maciasworld.com


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