

BENCHMARK:

City Disc In T.C. Adj. to F.H.
17.5' North of Monterey. At the
South West Corner of Lot 10
Block C Auburn Hills 15th
Addition.
Elev. = 177.39 (City Datum)

City Disc In T.C. Adj. to F.H.
27' North of Monterey. At the
Intersection of Monterey and
Auburn Hills.
Elev. = 179.40 (City Datum)

P.V.I.
Elev. = 183.50
No V.C.

P.V.I.
Elev. = 187.90
30' V.C.

Scale: 1" = 20' Horizontal
1" = 5' Vertical
• = Iron

*NOTE: Warp crown
shall conform to
approx. midpoint of
pvmt.

Sta 8+76.60, End construction
of 5" A.C. pvmt. W/5" reinf.
rock base and 4' sidewalk.

Remove trees only as necessary
for street construction and only
with permission of Developer or
Baughman Co. Cost of removal
to be incidental to lump sum
bid item "Site Clearing &
Restoration".

Sidewalk location will be field
adjusted to allow for saving trees.
Contractor shall include in bid
"hand-forming" methods to
construct sidewalk. Extra sidewalk
concrete may be required to
allow for added curves and bends
to avoid trees.

Curve #2L				
Curve Data Based on Fc				
Rad. = 194.37' Delta = 47° 35' 03" Tangent = 85.70'				
Arc = 161.43' L.C. = 156.83' Def/Ft. = 8.84300 Min.				
FACE CHORD LENGTHS				
Station	Arc	8 Lt.	Defl.	T. Defl.
A			0°00'00"	0°00'00"
B	26.91'	27.99'	3°57'58"	3°57'58"
C	26.90'	27.99'	3°57'52"	7°55'50"
D	26.91'	27.99'	3°57'58"	11°53'48"
E	26.90'	27.99'	3°57'52"	15°51'41"
F	26.91'	27.99'	3°57'58"	19°49'39"
G	26.90'	27.98'	3°57'52"	23°47'31"

Curve #2R				
Curve Data Based on Fc				
Rad. = 183' Delta = 47° 58' 08" Tangent = 81.42'				
Arc = 153.21' L.C. = 148.77' Def/Ft. = 9.39277 Min.				
FACE CHORD LENGTHS				
Station	Arc	8 Rt.	Defl.	T. Defl.
J	25.54'	24.40'	3°59'53"	3°59'53"
K	25.53'	24.39'	3°59'48"	7°59'41"
L	25.53'	24.39'	3°59'48"	11°59'29"
M	25.54'	24.40'	3°59'53"	15°59'22"
N	25.53'	24.39'	3°59'48"	19°59'10"
O	25.54'	24.40'	3°59'53"	23°59'04"

Curve #3R				
Curve Data Based on Fc				
Rad. = 1386.36' Delta = 5° 30' 41" Tangent = 66.73'				
Arc = 133.65' L.C. = 133.31' Def/Ft. = 1.23712 Min.				
FACE CHORD LENGTHS				
Station	Arc	8 Rt.	Defl.	T. Defl.
P	26.73'	26.82'	0°00'00"	0°00'00"
Q	26.73'	26.82'	0°03'04"	0°03'04"
R	26.73'	26.82'	0°03'04"	0°06'08"
S	26.73'	26.82'	0°03'04"	0°09'12"
T	26.73'	26.82'	0°03'04"	0°12'16"



AUBURN HILLS
STA 4+68.83 TO STA 8+76.60

ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-83931

DESIGN
AEO

APPROVED
DATE
06/05

SCALE
Noted
SHEET
8 OF 25

Auburn Hills 15th Addition - Phase 2A

0411E097