



**AGENDA  
CITY OF ALLEN  
PLANNING AND ZONING COMMISSION  
REGULAR MEETING  
TUESDAY, APRIL 15, 2014 – 7:00 P.M.  
CITY COUNCIL CHAMBERS  
ALLEN CITY HALL  
305 CENTURY PARKWAY  
ALLEN, TEXAS 75013**

**Call to Order and Announce a Quorum is Present**

**Pledge of Allegiance**

**Directors Report**

1. Action taken on the Planning & Zoning Commission items by City Council at the April 8, 2014 regular meeting.

**Consent Agenda** *(Routine P&Z business. Consent Agenda is approved by a single majority vote. Items may be removed for open discussion by a request from a Commission member or member of staff.)*

2. Approve minutes from the April 1, 2014 regular meeting.
3. Capital Improvement Program (CIP) Status Report.

**Regular Agenda**

4. Preliminary Plat – Consider a Preliminary Plat for Angel Field West, being 21.80± acres situated in the T.G. Kennedy Survey, Abstract No. 500, located south of Bethany Drive and west of Montgomery Blvd. (PP-2/10/14-9) [Angel Field West]
5. Preliminary Plat – Consider a Preliminary Plat for The Village at Twin Creeks, Phase One, Two, & Three, being 76.117± acres situated in the Catherine Parsons Survey, Abstract No. 711, located south of Exchange Parkway, east of Bray Central Drive and west of Watters Road. (PP-2/3/14-8) [The Village at Twin Creeks, Phases One, Two & Three]

**Executive Session** *(As needed)*

As authorized by Section 551.071(2) of the Texas Government Code, this meeting may be convened into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney on any agenda item listed herein.

**Adjournment**

This notice was posted at Allen City Hall, 305 Century Parkway, Allen, Texas, at a place convenient and readily accessible to the public at all times. Said notice was posted on Friday, April 11, 2014, at 5:00 p.m.

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Shelley B. George, City Secretary

Allen City Hall is wheelchair accessible. Access to the building and special parking are available at the entrance facing Century Parkway. Requests for sign interpreters or special services must be received forty-eight (48) hours prior to the meeting time by calling the City Secretary at 214-509-4105.

**Director's Report from 4/8/2014 City Council Meeting**

- There were no items taken to the April 8, 2014 City Council Meeting.



**PLANNING AND ZONING  
COMMISSION**

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**Regular Meeting  
April 1, 2014**

**ATTENDANCE:**

**Commissioners Present:**

Jeff Cocking, Chair  
Shirley Mangrum, 1<sup>st</sup> Vice Chair  
Ben Trahan, 2<sup>nd</sup> Vice Chair  
John Ogrizovich  
Michael Orr  
Stephen Platt, Jr.

**Absent:**

Barbara McNutt

**City Staff Present:**

Ogden "Bo" Bass, AICP, Director of Community Development  
Shawn Poe, PE, Assistant Director of Engineering  
Tiffany McLeod, Senior Planner  
Patrick Blaydes, Planner  
Kevin Laughlin, City Attorney

**Call to Order and Announce a Quorum is Present:**

With a quorum of the Commissioners present, Chairman Cocking called the meeting to order at 7:00 p.m. in the City Hall Council Chambers Room at Allen City Hall, 305 Century Parkway.

**Director's Report**

1. Action taken on the Planning & Zoning Commission items by City Council at the March 25, 2014 regular meeting.

**Consent Agenda**

2. Approve minutes from the March 18, 2014 regular meeting.

**Motion:**        Upon a motion by 2<sup>nd</sup> Vice Chair Trahan, and a second by 1<sup>st</sup> Vice Chair Mangrum, the Commission voted 6 IN FAVOR, and 0 OPPOSED to approve the Consent Agenda.

**The motion carried.**

## **Regular Agenda**

3. Public Hearing/Replat – Conduct a Public Hearing and consider a Replat for Lots 1R-1 and 2, Allen Business Centre, being a Replat of Lot 1R of Tract D and Tract E out of Allen Business Centre, being 3.53± acres, City of Allen, Collin County, Texas; located north of Bethany Drive and west of Prestige Circle. (FP-2/17/14-10) [Nine Band Brewing]

Patrick Blaydes, Planner, presented to Commission. The property is located north of Bethany Drive and west of Prestige Circle. The properties to the north and south are zoned Planned Development No. 3 Light Industrial (LI). The property to the east, across Prestige Circle, is zoned Planned Development No. 3 Light Industrial (LI) and Light Industrial (LI). The property to the west is zoned Planned Development No. 3 for Community Facilities (CF) and Light Industrial (LI) use.

Mr. Blaydes stated the property is zoned Planned Development PD No. 3 Light Industrial (LI) with a Specific Use Permit (SUP) for a Bottling Works and Distribution use on Lot 2.

He explained that the purpose of the Replat is to subdivide the property into two (2) lots and establish various easements primarily for the development of Lot 2.

There are two (2) access points into the site; one (1) access points off of Prestige Circle and one (1) access point through a firelane/access easement on the property to the south.

This Replat has been reviewed by the Technical Review Committee and meets the standards of the Allen Land Development Code and Planned Development PD No. 3.

Commissioner Ogrizovich asked if the building on the south end of the property was vacant and if the was intent to tear down the building.

Mr. Blaydes stated that it was currently in use and there was no intention to tear down the building at this time.

Chairman Cocking opened the Public Hearing.

With no one choosing to come forward, the Public Hearing was closed.

**Motion:**           **Upon a motion by Commissioner Platt, and a second by Commissioner Ogrizovich, the Commission voted 6 IN FAVOR, and 0 OPPOSED to approve the Replat for Lots 1R-1 and 2, Allen Business Centre.**

**The motion carried.**

4. Combination Plat – Consider a Combination Plat for AVH Kennels Addition, Lots 1 and 2, Block A, being 3.15± acres out of the Peter Wetzel Survey, Abstract No. 990, City of Allen, Collin County, Texas; located at the northwest corner of Main Street and Roaring Springs Drive. (FP-3/3/14-13) [Pet Resort]

Patrick Blaydes, Planner, presented to Commission. The property is located at the northwest corner of Main Street and Roaring Springs Drive. The property to the north is zoned Single Family Residential (R-5). The property to the south, across Main Street, is zoned Community Facilities (CF) and Single Family

Residential (R-5). The properties located to the east and west are zoned Planned Development PD No. 5 Shopping Center (SC). The subject property is part of Planned Development PD No. 5 with a base zoning of Shopping Center (SC). The proposed use for this site is a veterinary hospital and animal boarding facility.

He explained that a Combination Plat may be submitted if a tract of land is subdivided into less than three lots, there is no change in street locations and the requirements for both the preliminary plat and final plat are met.

He stated that the Combination Plat shows two (2) lots. There are three (3) access points for the site. One access point is located on Main Street. Another access point is located on Roaring Springs Drive. The third access point is provided through an existing public access and firelane easement to the west of the site. The existing driveway, located on the property to the west, will also be closed with the development of this site.

This plat also shows various firelane, access, and utility easements.

The Combination Plat for AVH Kennels Addition has been reviewed by the Technical Review Committee and meets the standards of the Allen Land Development Code and Planned Development PD No. 5.

**Motion:** Upon a motion by Commissioner Orr, and a second by 2<sup>nd</sup> Vice Chair Trahan, the Commission voted 6 IN FAVOR, and 0 OPPOSED to approve the Combination Plat for AVH Kennels Addition, Lots 1 and 2, Block A, being 3.15± acres out of the Peter Wetzel Survey, Abstract No. 990, City of Allen, Collin County, Texas.

**The motion carried.**

### **Adjournment**

Upon acclamation, the meeting adjourned at 7:15 p.m.

These minutes approved this \_\_\_\_\_ day of \_\_\_\_\_ 2014.

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Jeff Cocking, Chairman

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Patrick Blaydes, Planner

### **Director's Report from 3/25/2014 City Council Meeting**

- A request to adopt an ordinance to amend the development regulations of PD No. 108, District H to allow an Assisted Living/Memory Care Use and adopt a Concept Plan, Landscape Plan and Building Elevations for Twin Creeks Assisted Living (located North of Exchange Parkway and East of Bossy Boots Drive) was approved.

<b>PLANNING &amp; ZONING COMMISSION AGENDA COMMUNICATION</b>
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**AGENDA DATE:** April 15, 2014

**SUBJECT:** Capital Improvement Program (CIP) Status Report

**STAFF RESOURCE:** Chris Flanigan, PE  
Director of Engineering

**PREVIOUS COMMISSION/COUNCIL ACTION:** None

**PUBLIC NOTICE:** None

**BACKGROUND**

Every month the Engineering Department will provide a status update of the City's Capital Improvement projects.

**STAFF RECOMMENDATION**

N/A

**MOTION**

N/A

**ATTACHMENTS**

CIP Progress Report through March 2014  
CIP Map through March 2014



# ENGINEERING CIP PROGRESS REPORT - THROUGH MARCH 2014

		PROJECT		STATUS / COMMENTS	
FACILITIES	1	Fire Station 2 Reconstruction	PS1303	In design. Construction anticipated to occur February 2015 through February 2016.	
	2	Fire Station 4 Kitchen Remodel	PS1407	Construction anticipated to be complete April 2014.	
	3	MCPAR Lighting Upgrades	PS1405	In design. Construction anticipated to begin June 2014.	
ROADS	CITY	4	2013 Street and Alley Rehabilitation Project	ST1305	Street, alley, accessibility, and sidewalk improvements. Repairs on a section of Bethany expected to be complete March 2014. Project completion anticipated Spring 2014.
		5	Bray Central Widening	ST1309	Partnership with developer and AISD to widen Bray Central and construct roundabout at Bossy Boots. Design is complete and Quality Excavation came in as the lowest bidder. Construction anticipated to begin April 2014.
		6	Exchange Parkway (Alma - Allen Heights)	ST1302	Addition of 2 lanes. Construction anticipated to be complete October 2014. Watters Road closure will last through June.
		7	Ridgeview Drive (Watters - US75)	ST1202	No formal construction schedule. Awaiting development trends in this area.
		8	Ridgeview Drive (Alma through Stacy) Ph 1	ST1308	Roadway connection through the Bush/Elkin and Johnson properties. Design for 4-lane roadway and 6-lane bridge underway. Construction anticipated in Summer 2014.
	OTHERS	9	Stacy Road, Ph 2 (Greenville - FM 1378)	ST0704	TxDOT roadway project under design. ROW acquisition underway. NTMWD waterline relocation has begun. Anticipate TxDOT letting December 2014 with construction starting Spring 2015.
		10	US 75 Widening	TXDOT	Addition of 2 general purpose lanes and selected ramp improvements. Anticipate construction starting in Spring 2014. Estimated 30 month duration.
UTILITIES	11	755 Heritage Pkwy San Sew Extension	WA1401	Construct 8" sewer main crossing Bethany through steel encasement. Construction expected to be complete April 2014.	
	12	Whis-Lynge Water/SS Replacement	WA1209	Water, sanitary sewer, and paving improvements for Whis-Lynge and Rolling Hills Estates. Paving phase has begun with an anticipated project completion January 2015.	
OTHER	13	Allen Old Stone Dam Gabion Repair	DR1301	Repair of existing gabion walls. Design is 95% complete. Construction anticipated when CDC funding is disbursed in Summer 2014.	
	14	Signal - Watters / Bossy Boots	ST1314	Will be constructed with the AISD Service Center Project with completion required prior to facility opening. City reviewing 30% design plans.	
	15	Signal - Watters / Bray Central	ST1304	Underground facilities are being installed. The project is scheduled to be complete by the end of June 2014.	

# STATUS

- CONSTRUCTION
- DESIGN
- DESIGN  
(BY OTHERS)
- CONSTRUCTION  
(BY OTHERS)

# STATUS

- CONSTRUCTION
- DESIGN
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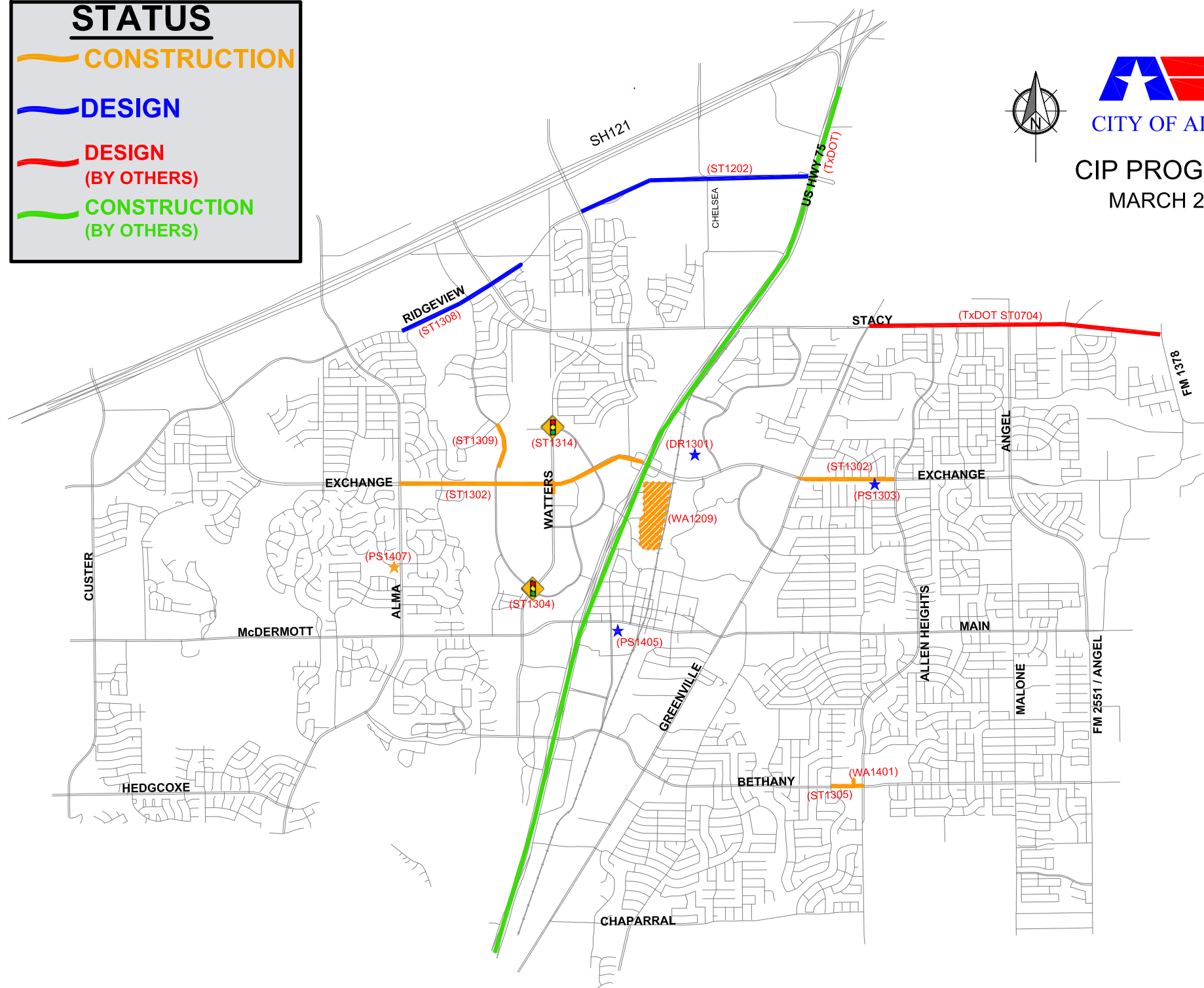
# STATUS

- CONSTRUCTION
- DESIGN
- DESIGN  
(BY OTHERS)
- CONSTRUCTION  
(BY OTHERS)



## CIP PROGRESS

## CIP PROGRESS



<b>PLANNING &amp; ZONING COMMISSION</b>	<b>AGENDA COMMUNICATION</b>
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**AGENDA DATE:** April 15, 2014

**SUBJECT:** Consider a Preliminary Plat for Angel Field West, being 21.80± acres situated in the T.G. Kennedy Survey, Abstract No. 500, located south of Bethany Drive and west of Montgomery Blvd. (PP-2/10/14-9) [Angel Field West]

**STAFF RESOURCE:** Tiffany McLeod  
Senior Planner

**PREVIOUS COMMISSION/COUNCIL ACTION:** PD 96 Adopted – December, 2004  
Zoning changed from PD 96 to PD 105 – July, 2010

**BACKGROUND**

The subject property is located on the southwest corner of Bethany Drive and Montgomery Boulevard. It is currently zoned Planned Development PD No. 105 for Single Family Residential (R-5) use. The property to the north (across Bethany Drive) is zoned Planned Development PD No. 76 for Single Family Residential (R-5) use and Planned Development PD No. 26 for Single Family (SF) use. The property to the east (across Montgomery Boulevard) is zoned Planned Development PD No. 76 for Local Retail (LR) and Townhome (TH) uses. The property to the west is zoned Planned Development PD No. 74 for Single Family Residential (R-5) use and Planned Development PD No. 105 for Single Family Residential (R-5) use. The property to the south is zoned Planned Development PD No. 74 for Single Family Residential (R-5) use and Planned Development PD No. 105 for Single Family Residential (R-5) use.

A PD Concept Plan for this property was approved in 2004. The subject Preliminary Plat is the next step in the development process. This plat is for 21.80± acres of land and shows two phases of development. There are a total of 62 residential lots (front and rear entry) and approximately five (5) acres of open space. The plat also shows various access, maintenance, and utility easements required for development.

There are two (2) access points for the subdivision; both located on Montgomery Boulevard. A temporary turnaround is also provided on the southwest end of the property. All four lanes of Montgomery Boulevard will be built to the southern property line.

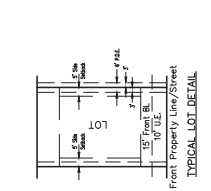
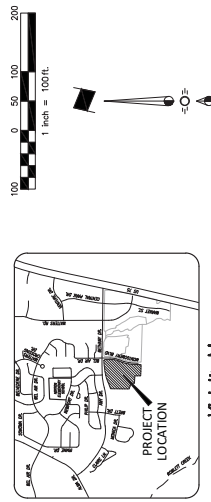
The Preliminary Plat has been reviewed by the Technical Review Committee, is consistent with the approved PD Concept Plan and meets the standards of the *Allen Land Development Code (ALDC)*.

**STAFF RECOMMENDATION**

Approval

**ATTACHMENTS**

Preliminary Plat



**Site Data Summary Table**

[illegible]

Boundary Line Table		
Line #	Length	Direction
BL1	133.59'	N01° 49' 43"E
BL2	141.63'	N73° 36' 01"W
BL3	6.00'	S88° 53' 03"E
BL4	145.34'	N01° 06' 57"E
BL5	150.27'	N67° 14' 27"E
BL6	34.63'	S45° 57' 18"E
BL7	112.68'	S20° 16' 28"W

Curve	Length	Radius	Ground	Ground Bearing	Delta
Bc1	35.04'	322.65'	75.34°	N 64° 52' 12" E	75° 34'
Bc2	33.54'	1133.50'	66.86°	N 70° 36' 30" E	64° 01'
Bc3	196.06'	1016.50'	88.31°	N 72° 45' 59" E	110° 03'
Bc4	516.61'	3152.01'	255.68°	N 82° 36' 30" E	92° 57'
Bc5	51.70'	312.00'	25.91°	S 69° 05' 10" N	92° 57'
Bc6	154.71'	1040.75'	85.37°	S 152° 03' 30" W	92° 38'
Bc7	342.85'	1095.00'	72.73°	S 115° 13' 30" W	175° 54'

PRELIMINARY PLAT

**ANGEL FIELD WEST**

IDENTIAL LOTS & 11 OPEN SPACE/HOA LOTS (5.21.80 ACRES OUT OF THE T.G. KENNEDY SURVEY ~ ABSTRACT NO. 500 CITY OF ALLEN, COLLIN COUNTY, TEXAS

Applicant	Engineer / Supervisor
J.B.C. Capital, LP 3131 Perdado Avenue, Suite 103 Dorland Avenue, Suite 103 Dorland Avenue, Suite 103 Telephone (409) 450-5685 Contact: Jed Dalsen, P.E.	SBS Engineering, Inc. 7635 Cluster Road, Suite 100 Custer Road, Suite 100 Telephone (972) 422-0077 Contact: Matt Dorsett

SHEET 1 OF 2

Scale: 1"=100' April 3, 2014





<b>PLANNING &amp; ZONING COMMISSION</b> <b>AGENDA COMMUNICATION</b>
---

**AGENDA DATE:** April 15, 2014

**SUBJECT:** Consider a Preliminary Plat for The Village at Twin Creeks, Phase One, Two, & Three, being 76.117± acres situated in the Catherine Parsons Survey, Abstract No. 711, located south of Exchange Parkway, east of Bray Central Drive and west of Watters Road. (PP-2/3/14-8) [The Village at Twin Creeks, Phases One, Two & Three]

**STAFF RESOURCE:** Tiffany McLeod  
Senior Planner

**PREVIOUS COMMISSION/COUNCIL ACTION:** PD 108 Adopted – October, 2011  
Amend PD 108 Development Regulations – January, 2014

**BACKGROUND**

The subject property is located south of Exchange Parkway in between Bray Central Drive and Watters Road. It is zoned Planned Development No. 108 for Single Family Residential (SF) use. The property to the north is zoned Planned Development No. 108 for Mixed Use (MIX). The property to the east (across Watters Road) is zoned Planned Development No. 54 for Industrial Technology (IT) use. The property to the south is zoned Planned Development No. 54 for Multi-family Residential (MF-18) use. The property to the west (across Bray Central Drive) is zoned Planned Development No. 54 for Multi-family Residential (MF) and Single Family Residential (R-7) uses.

In January 2014 a Concept Plan for a portion of Planned Development PD No. 108 District D, known as The Village at Twin Creeks, was approved. The subject Preliminary Plat is the next step in the development process. The plat is for 76.117± acres of land and shows three (3) phases of development. There are a total of 344 residential lots and approximately fifteen (15) acres of open space. The plat also shows various drainage, access, maintenance, and utility easements required for development.

There are a total of eleven (11) access points into the development. There are two (2) access points on Bray Central Drive, one (1) access point on Exchange Parkway, two (2) access points (one being emergency access only) on Watters Road and six (6) access points on Raintree Circle.

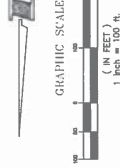
The Preliminary Plat has been reviewed by the Technical Review Committee, is consistent with the approved PD Concept Plan and meets the standards of the *Allen Land Development Code (ALDC)*.

**STAFF RECOMMENDATION**

Approval

**ATTACHMENTS**

Phasing Plan  
Preliminary Plat



344 RESIDENTIAL LOTS  
39 OPEN SPACE LOTS (13.42 AC.)  
1 AMENITY CENTER LOT (1.16 AC.)  
TOTAL AC. = 76.117 ACRES  
3,315,656 S.F.

# PRELIMINARY PLAT

## THE VILLAGE AT TWIN CREEKS PHASE ONE, TWO, & THREE

AN ADDITION TO THE CITY OF ALLEN  
CATHERINE PARSONS SURVEY - ABSTRACT NO. 711

APRIL 2014 COLLIN COUNTY, TEXAS

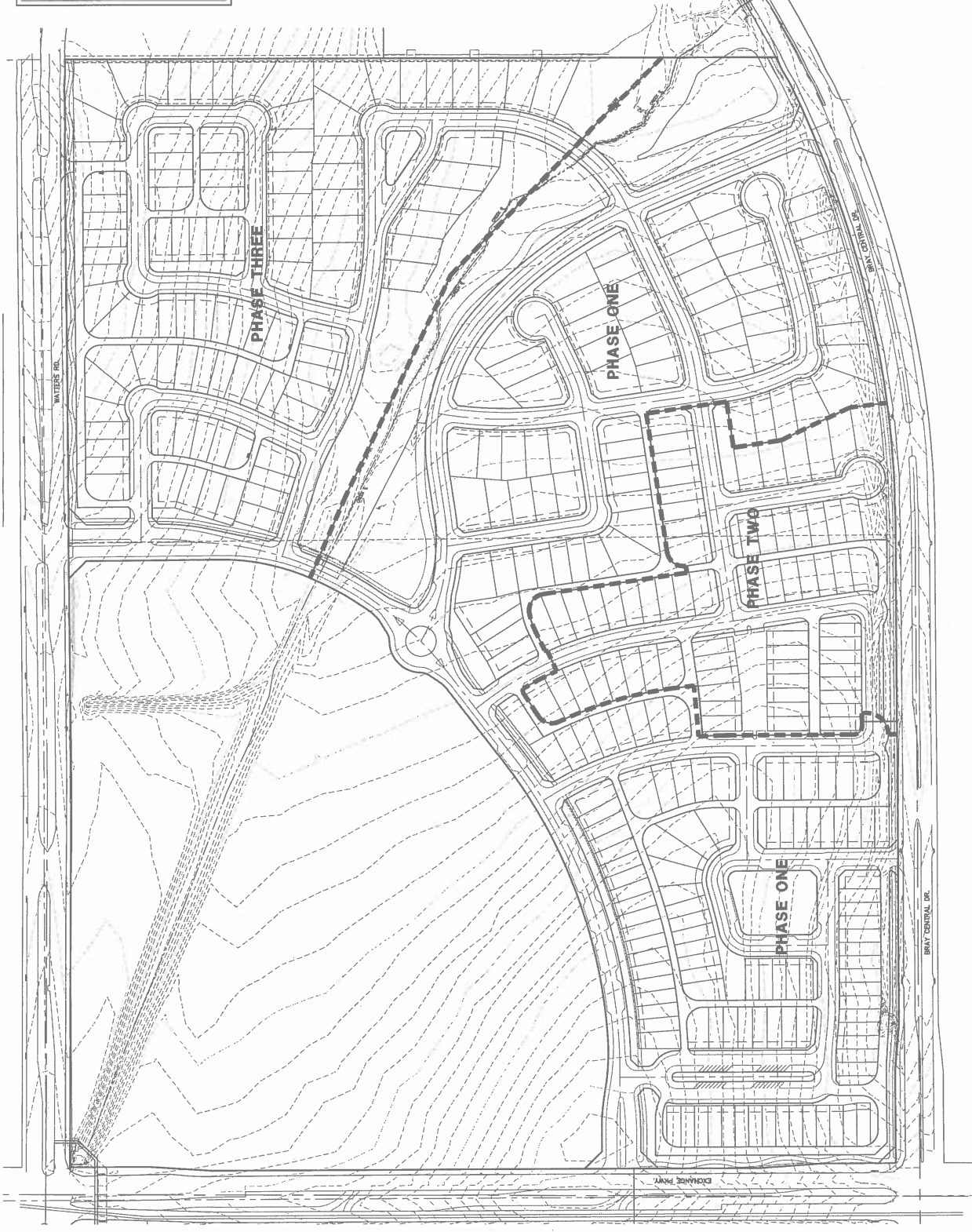
SCALE: 1"=60'

OWNER

JBGL EXCHANGE, LLC  
3131 HARVARD AVENUE, SUITE 103  
214-453-0829 DALLAS, TEXAS 75205

ENGINEER

DOUGREY ANDERSON & ASSOCIATES, INC.  
2221 WEST GARDEN LANE, SUITE 200  
DALLAS, TEXAS 75201 (214) 343-1884  
STATE REGISTRATION NUMBER 7139



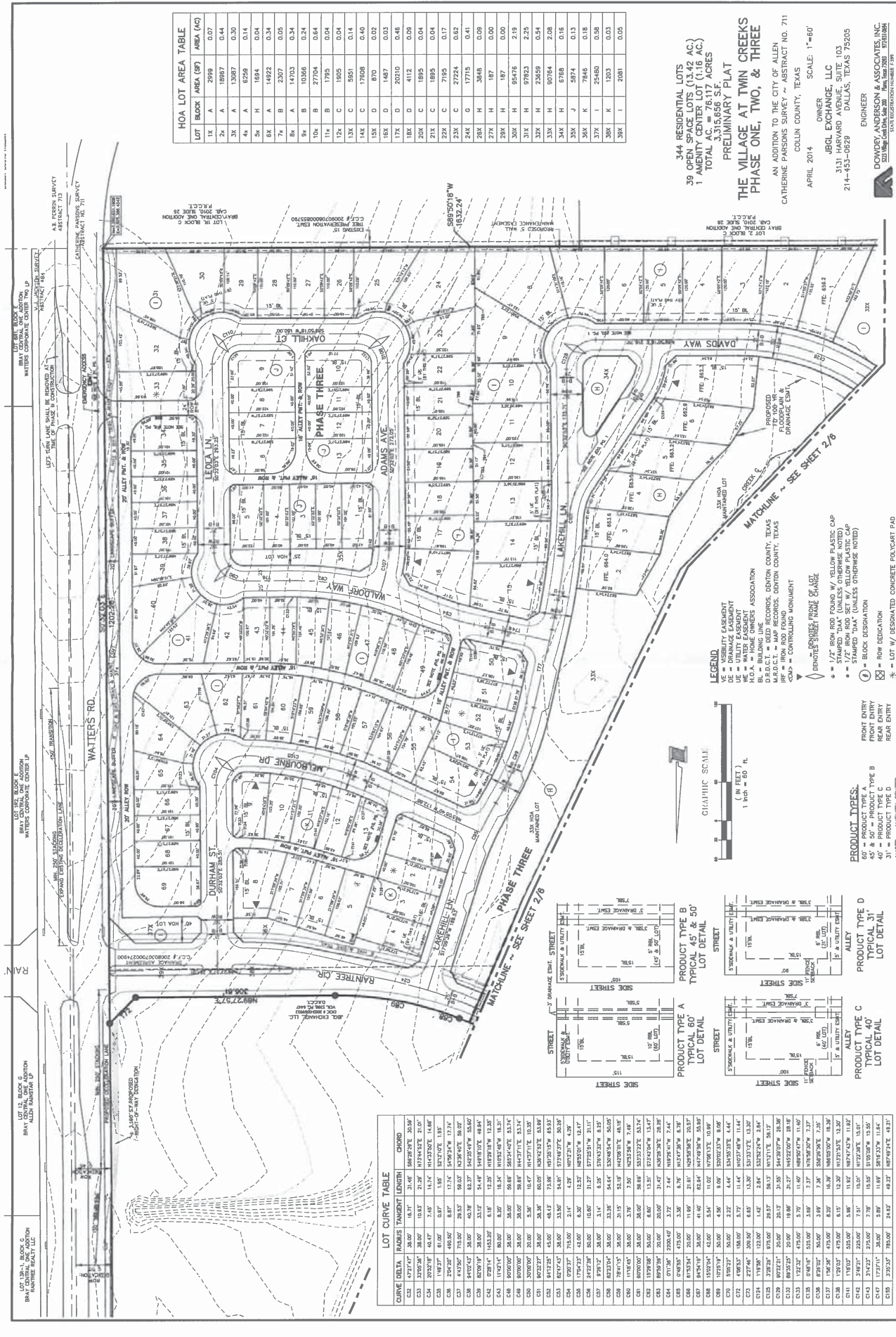












LOT	BLK	AREA (SF)	AREA (AC)
1X	A	2999	0.07
2X	A	1867	0.44
3X	A	1307	0.30
4X	A	6250	0.14
5X	A	1684	0.04
6X	A	1452	0.34
7X	B	2307	0.05
8X	B	1413	0.34
9X	B	1338	0.24
10X	B	2704	0.64
11X	B	1795	0.04
12X	C	1905	0.04
13X	C	951	0.14
14X	C	1768	0.40
15X	D	870	0.02
16X	D	1487	0.03
17X	D	2010	0.46
18X	D	4112	0.08
19X	D	1885	0.04
20X	C	1895	0.04
21X	C	7195	0.17
22X	C	2724	0.62
23X	C	17715	0.41
24X	C	3846	0.09
25X	H	187	0.00
26X	H	187	0.00
27X	H	187	0.00
28X	H	187	0.00
29X	H	187	0.00
30X	H	187	0.00
31X	H	187	0.00
32X	H	187	0.00
33X	H	187	0.00
34X	H	187	0.00
35X	H	187	0.00
36X	H	187	0.00
37X	H	187	0.00
38X	H	187	0.00
39X	H	187	0.00
40X	H	187	0.00
41X	H	187	0.00
42X	H	187	0.00
43X	H	187	0.00
44X	H	187	0.00
45X	H	187	0.00
46X	H	187	0.00
47X	H	187	0.00
48X	H	187	0.00
49X	H	187	0.00
50X	H	187	0.00
51X	H	187	0.00
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70X	H	187	0.00
71X	H	187	0.00
72X	H	187	0.00
73X	H	187	0.00
74X	H	187	0.00
75X	H	187	0.00
76X	H	187	0.00
77X	H	187	0.00
78X	H	187	0.00
79X	H	187	0.00
80X	H	187	0.00
81X	H	187	0.00
82X	H	187	0.00
83X	H	187	0.00
84X	H	187	0.00
85X	H	187	0.00
86X	H	187	0.00
87X	H	187	0.00
88X	H	187	0.00
89X	H	187	0.00
90X	H	187	0.00
91X	H	187	0.00
92X	H	187	0.00
93X	H	187	0.00
94X	H	187	0.00
95X	H	187	0.00
96X	H	187	0.00
97X	H	187	0.00
98X	H	187	0.00
99X	H	187	0.00
100X	H	187	0.00

344 RESIDENTIAL LOTS  
39 OPEN SPACE LOTS (13.42 AC.)  
1 AMENITY CENTER LOT (1.16 AC.)  
TOTAL 455,852 SF  
PRELIMINARY PLAT  
THE VILLAGE AT TWIN CREEKS  
PHASE ONE, TWO, & THREE  
AN ADDITION TO THE CITY OF ALLEN  
CATHERINE PARSONS SURVEY, ABSTRACT NO. 711  
COLLIN COUNTY, TEXAS  
APRIL 2014  
OWNER  
JBOL EXCHANGE, LLC  
3131 HARVARD AVENUE, SUITE 103  
214-453-0829 DALLAS, TEXAS 75205  
ENGINEER  
DOWNEY ANDERSON & ASSOCIATES, INC.  
2021 W. CAMPBELL ST., SUITE 200  
DALLAS, TEXAS 75208  
STATE REGISTRATION NUMBER 1799

LOT CURVE TABLE			
CURVE	DELTA	RADIUS	TANGENT LENGTH
C13	47.7347°	38.00'	16.31'
C14	3.7030°	38.00'	0.83'
C15	293.218°	46.47'	11.94'
C16	148.237°	61.00'	8.87'
C17	243.507°	71.00'	15.53'
C18	84.9554°	38.00'	40.38'
C19	82.9791°	38.00'	33.57'
C20	119.714°	143.35'	6.35'
C21	114.214°	80.00'	8.00'
C22	100.007°	38.00'	38.00'
C23	200.007°	38.00'	38.00'
C24	84.9554°	38.00'	40.38'
C25	82.9791°	38.00'	33.57'
C26	119.714°	143.35'	6.35'
C27	114.214°	80.00'	8.00'
C28	100.007°	38.00'	38.00'
C29	200.007°	38.00'	38.00'
C30	84.9554°	38.00'	40.38'
C31	82.9791°	38.00'	33.57'
C32	119.714°	143.35'	6.35'
C33	114.214°	80.00'	8.00'
C34	100.007°	38.00'	38.00'
C35	200.007°	38.00'	38.00'
C36	84.9554°	38.00'	40.38'
C37	82.9791°	38.00'	33.57'
C38	119.714°	143.35'	6.35'
C39	114.214°	80.00'	8.00'
C40	100.007°	38.00'	38.00'
C41	200.007°	38.00'	38.00'
C42	84.9554°	38.00'	40.38'
C43	82.9791°	38.00'	33.57'
C44	119.714°	143.35'	6.35'
C45	114.214°	80.00'	8.00'
C46	100.007°	38.00'	38.00'
C47	200.007°	38.00'	38.00'
C48	84.9554°	38.00'	40.38'
C49	82.9791°	38.00'	33.57'
C50	119.714°	143.35'	6.35'
C51	114.214°	80.00'	8.00'
C52	100.007°	38.00'	38.00'
C53	200.007°	38.00'	38.00'
C54	84.9554°	38.00'	40.38'
C55	82.9791°	38.00'	33.57'
C56	119.714°	143.35'	6.35'
C57	114.214°	80.00'	8.00'
C58	100.007°	38.00'	38.00'
C59	200.007°	38.00'	38.00'
C60	84.9554°	38.00'	40.38'
C61	82.9791°	38.00'	33.57'
C62	119.714°	143.35'	6.35'
C63	114.214°	80.00'	8.00'
C64	100.007°	38.00'	38.00'
C65	200.007°	38.00'	38.00'
C66	84.9554°	38.00'	40.38'
C67	82.9791°	38.00'	33.57'
C68	119.714°	143.35'	6.35'
C69	114.214°	80.00'	8.00'
C70	100.007°	38.00'	38.00'
C71	200.007°	38.00'	38.00'
C72	84.9554°	38.00'	40.38'
C73	82.9791°	38.00'	33.57'
C74	119.714°	143.35'	6.35'
C75	114.214°	80.00'	8.00'
C76	100.007°	38.00'	38.00'
C77	200.007°	38.00'	38.00'
C78	84.9554°	38.00'	40.38'
C79	82.9791°	38.00'	33.57'
C80	119.714°	143.35'	6.35'
C81	114.214°	80.00'	8.00'
C82	100.007°	38.00'	38.00'
C83	200.007°	38.00'	38.00'
C84	84.9554°	38.00'	40.38'
C85	82.9791°	38.00'	33.57'
C86	119.714°	143.35'	6.35'
C87	114.214°	80.00'	8.00'
C88	100.007°	38.00'	38.00'
C89	200.007°	38.00'	38.00'
C90	84.9554°	38.00'	40.38'
C91	82.9791°	38.00'	33.57'
C92	119.714°	143.35'	6.35'
C93	114.214°	80.00'	8.00'
C94	100.007°	38.00'	38.00'
C95	200.007°	38.00'	38.00'
C96	84.9554°	38.00'	40.38'
C97	82.9791°	38.00'	33.57'
C98	119.714°	143.35'	6.35'
C99	114.214°	80.00'	8.00'
C100	100.007°	38.00'	38.00'







