

City Council Work Session Handouts

October 28, 2013

- I. Review and Discuss Zoning File 13-05
- II. Review and Discuss Zoning File 13-16
- III. Review and Discuss Zoning File 13-18
- IV. Review and Discuss Status Report on Parks and Recreation Capital Projects
- V. Review and Discuss an Update on the Implementation of RFID and Self-Check Technology at the Richardson Public Library

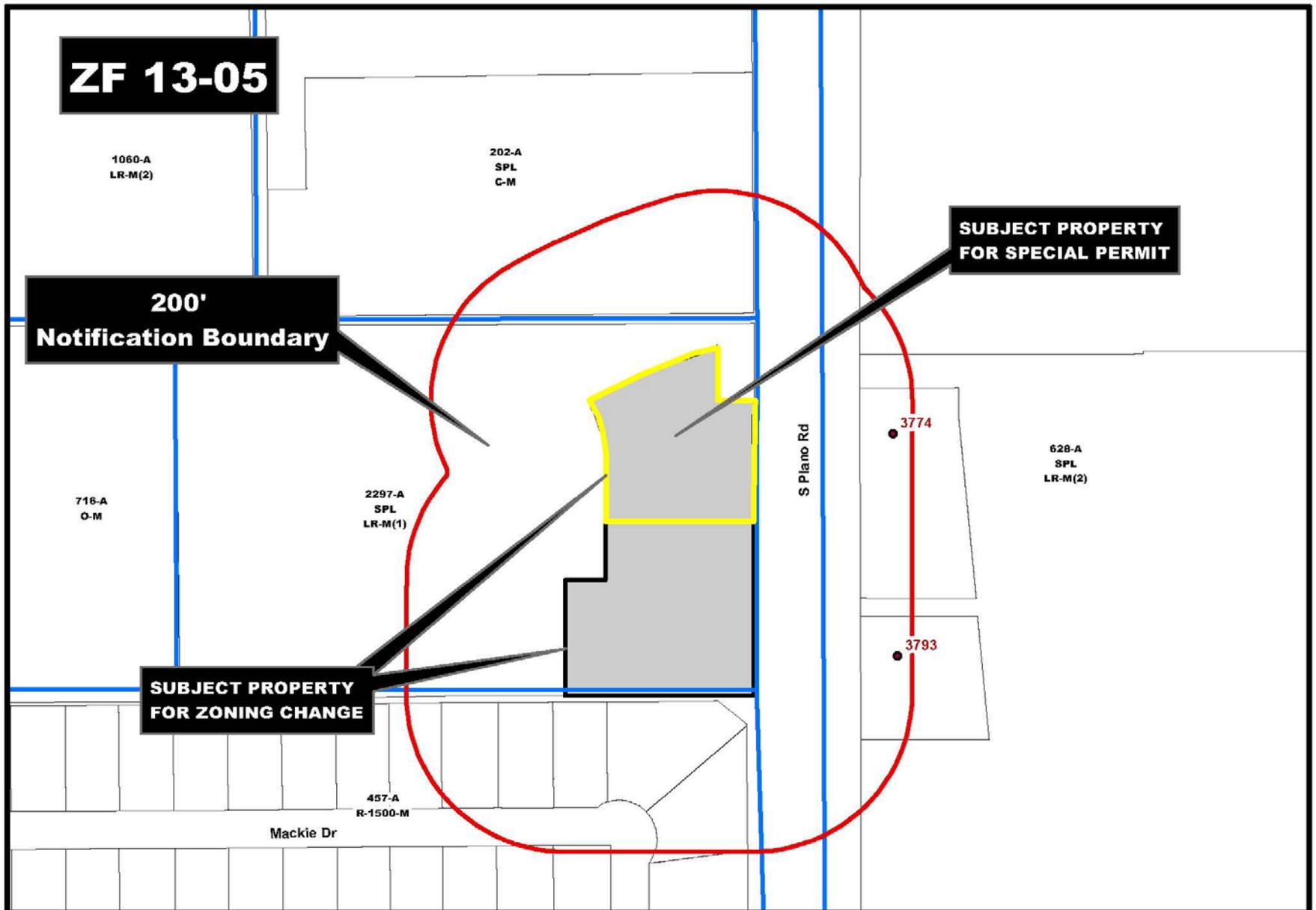
City Council Meeting



October 28, 2013

Meeting Begins at 7:30 P.M.

ZF 13-05

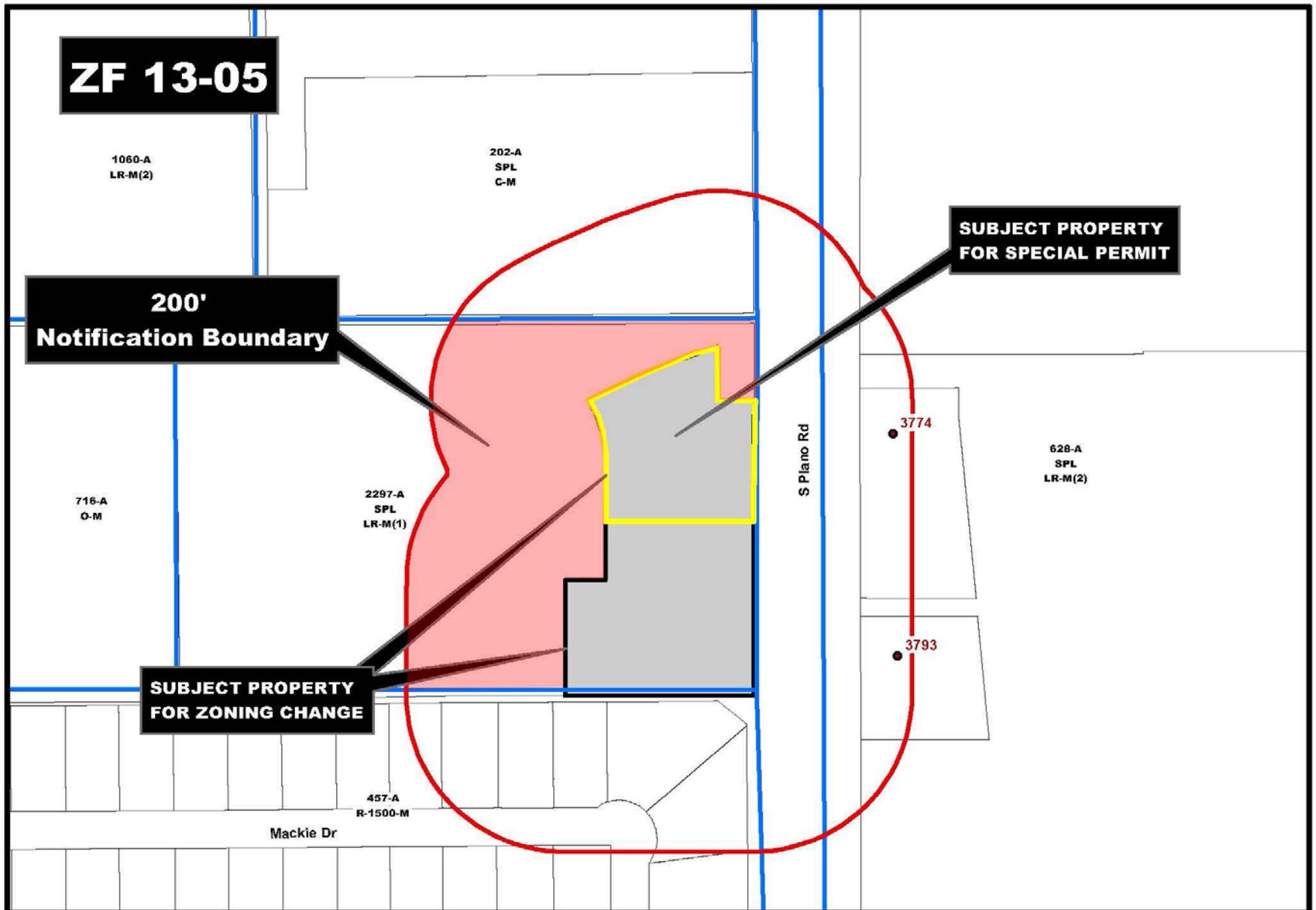


ZF 13-05 Notification Map

Updated By: shacklett, Update Date: March 12, 2013
 File: DSMapping\Cases\Z\2013\ZF1305\ZF1305 notification.mxd

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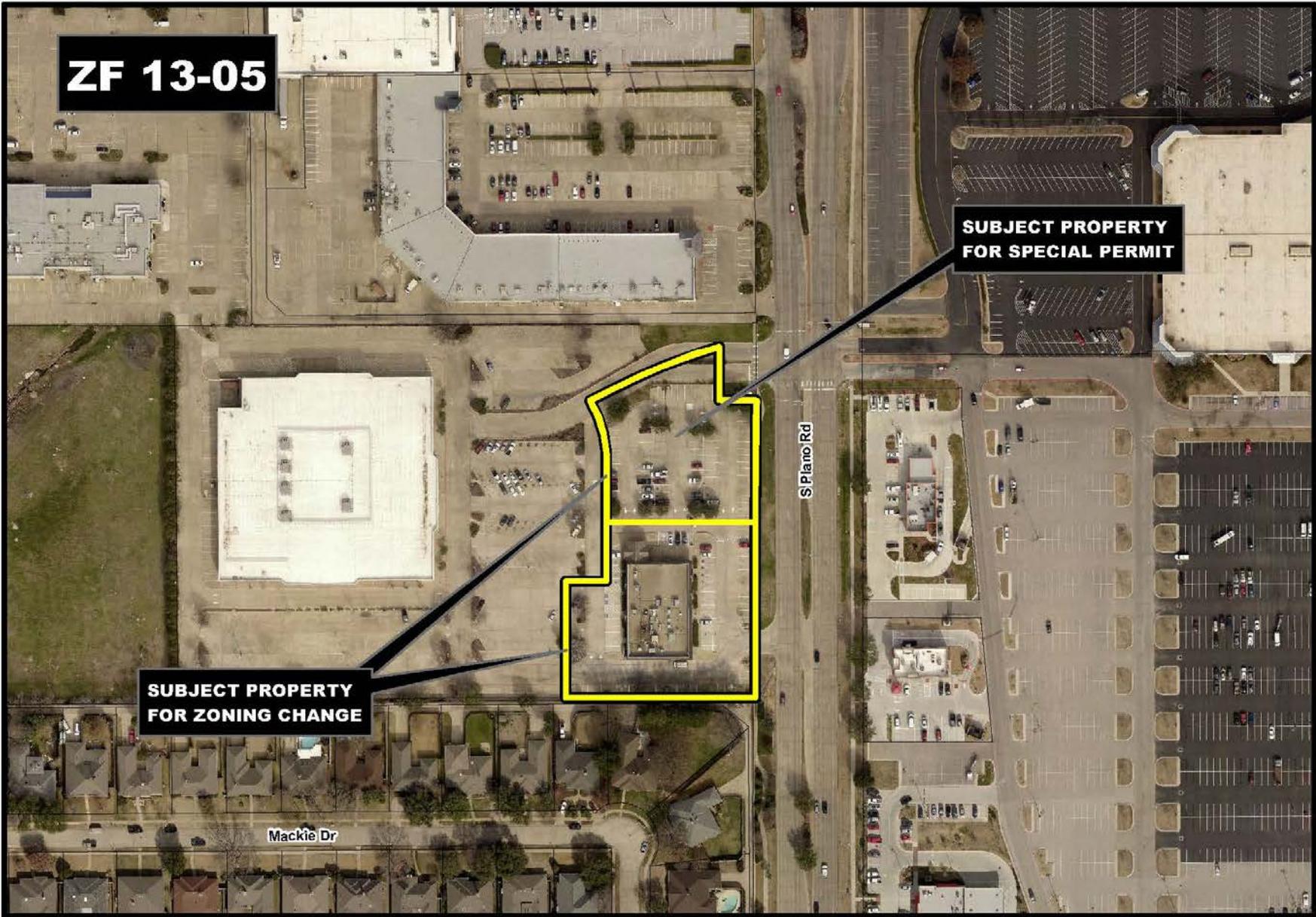


ZF 13-05 Notification Map

Updated By: shacklett, Update Date: March 12, 2013
 File: DSMapping\Cases\Z12013\ZF1305\ZF1305 notification.mxd

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ZF 13-05 Aerial Map

Updated By: shacklett, Update Date: March 12, 2013
File: DSMapping\Cases\Z\2013\ZF1305\ZF1305_ortho.mxd

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**Existing Mervyn's/Burlington
Coat Factory Building**

**Existing Furr's
Building**

**Proposed Drive-thru
Restaurant Site**

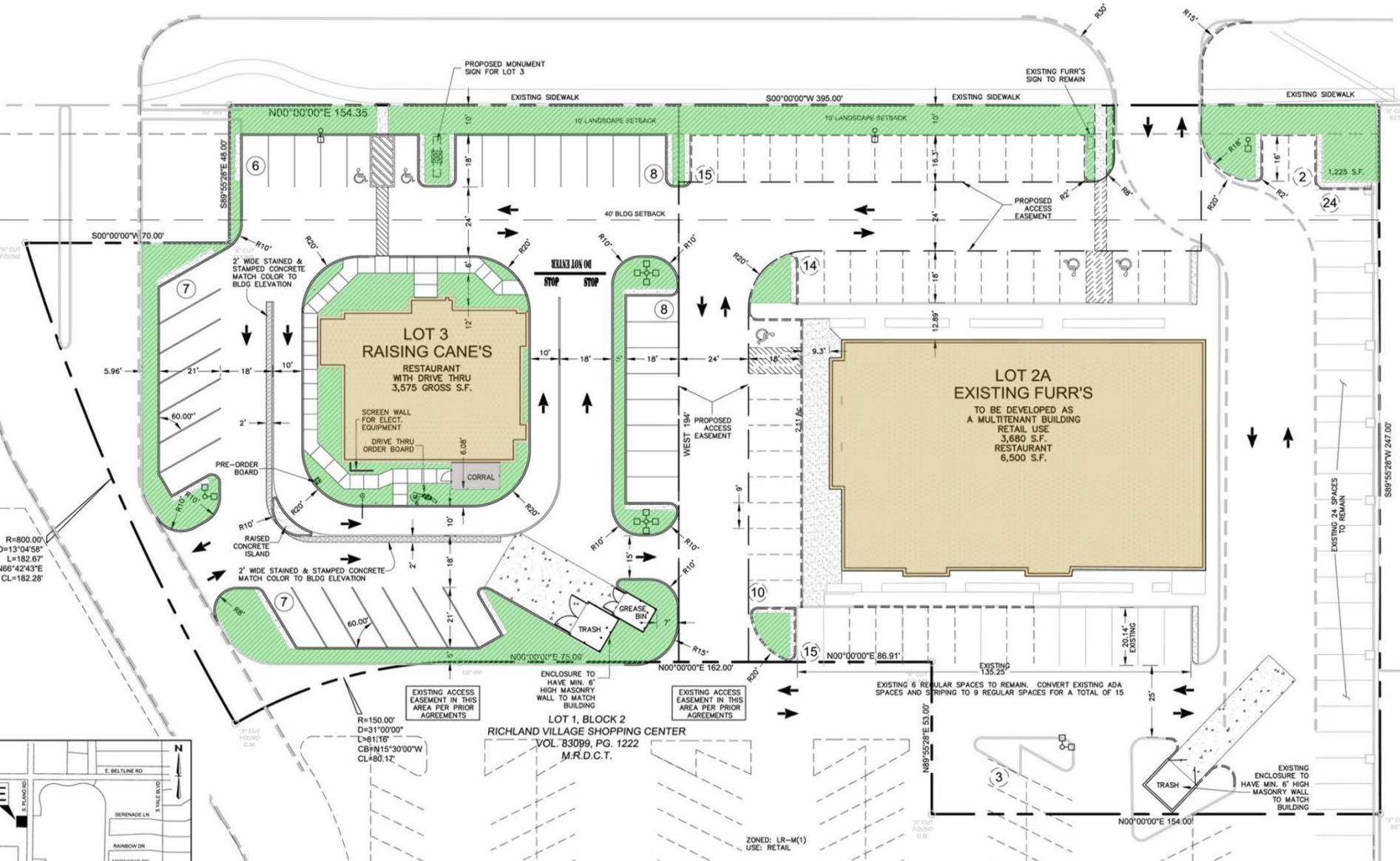
Plano Road

**Oblique Aerial
Looking West**



PLANO ROAD

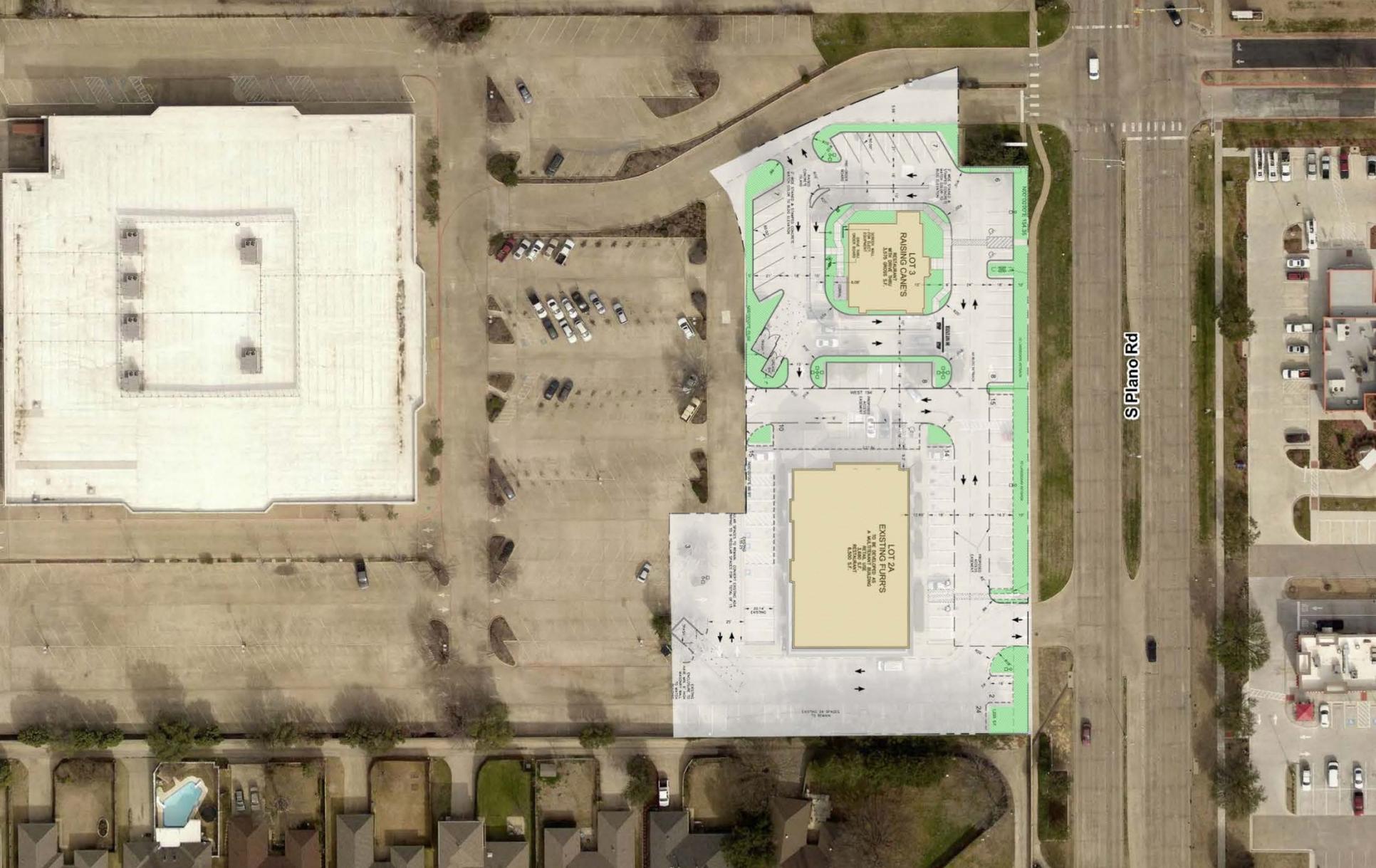
PLANO ROAD
(A 140.0 FOOT WIDTH R.O.W.)
(CONCRETE PAVEMENT)



LOT 1, BLOCK 2
RICHLAND VILLAGE SHOPPING CENTER
VOL. 83099, PG. 1222
M.R.D.C.T.

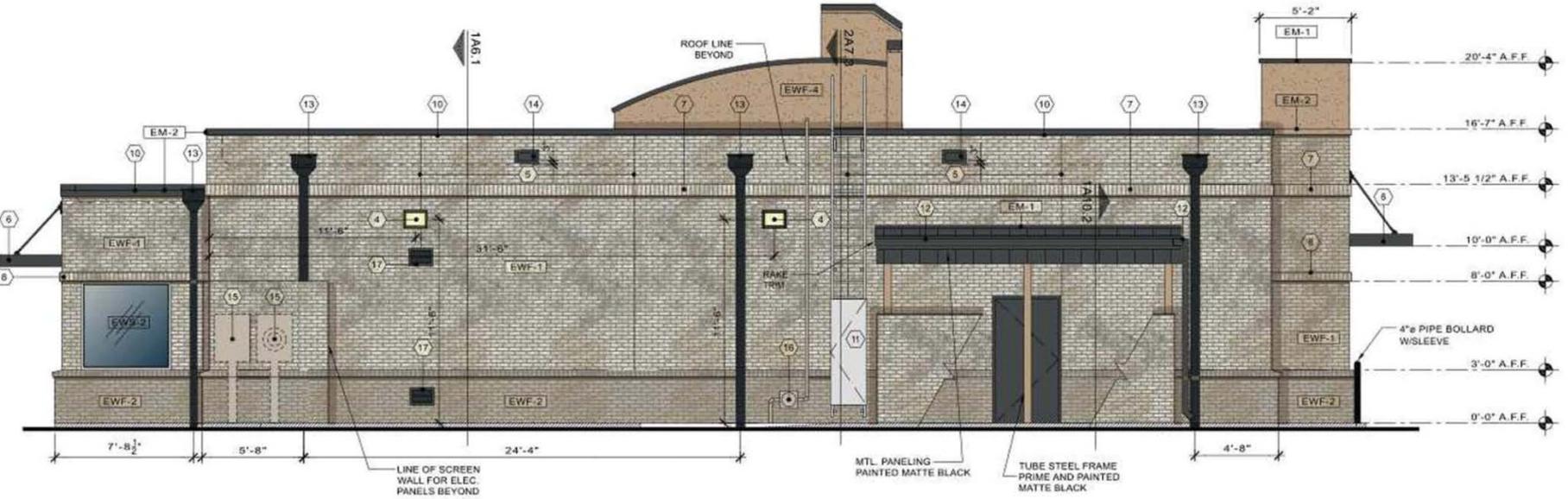
ZONED: LR-M(1)
USE: RETAIL

Zoning Exhibit



S Plano Rd

Zoning Exhibit



Raising Cane's Elevations (West & North)



PROPOSED
01 **NORTH ELEVATION**

1/8" = 1'-0"

PROPOSED
02 **EAST ELEVATION**

1/8" = 1'-0"



PROPOSED
03 **SOUTH ELEVATION**

1/8" = 1'-0"

PROPOSED
04 **WEST ELEVATION**

1/8" = 1'-0"

Elevation	Overall		North		East		South		West	
Total area	8520 sf		1768 sf		2846 sf		1521 sf		2385 sf	
Masonry Overall	8520 sf	100%	1768 sf	100%	2846 sf	100%	1521 sf	100%	2385 sf	100%
stone/brick/CMU	3662 sf	43%	1062 sf	60%	454 sf	16%	837 sf	55%	1309 sf	55%
(includes glass/HM doors)	1394 sf	16%	230 sf	13%	1050 sf	37%	46 sf	3%	68 sf	3%
(includes EIFS over CMU)	3464 sf	41%	476 sf	27%	1342 sf	47%	638 sf	42%	1008 sf	42%
EIFS without CMU	sf	0%								



5310 Harvest Hill Rd. Suite 146
Dallas, Texas 75230
main 972-385-9651
fax 972-385-3462

350 S. PLANO ROAD
RICHARDSON, TEXAS

STREET LEVEL INVESTMENTS

EL07

JOB#: 13-010
ISSUE DATE: 07/02/13
SCALES NOTED
APPROVED BY:

DATE:
GSO ARCHITECTS, P.C.
10000 W. LAKOTA AVE. SUITE 100
DALLAS, TX 75247
TEL: 972-385-9651
WWW.GSOARCHITECTS.COM

Possible Furr's Building Elevations



(1)

Looking Northwest at Existing Building



(2)

Looking West along
South Property Line



(3)

Looking Southwest
at Subject Site



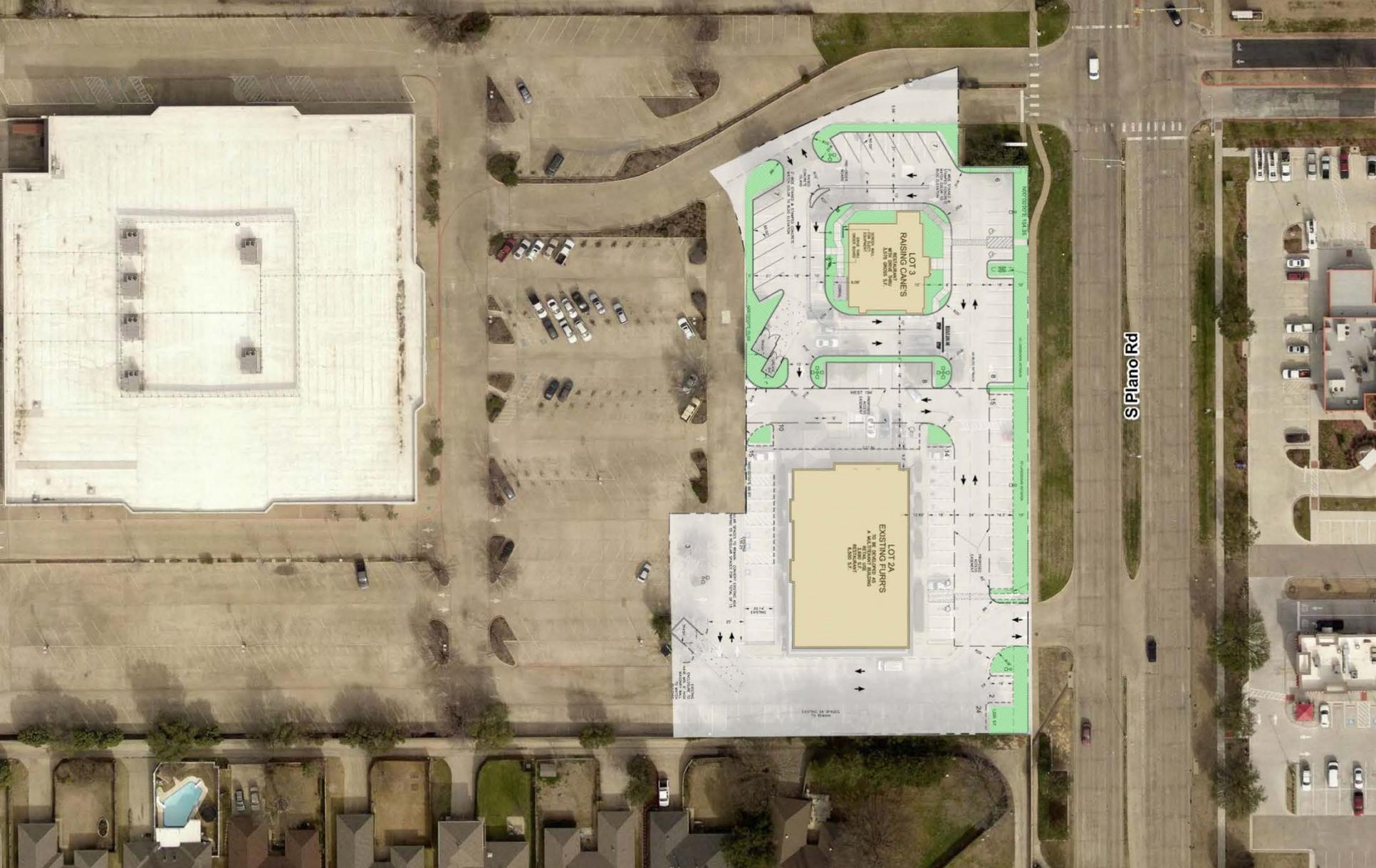
(4)

Looking East at
Rear of Existing Building



(5)

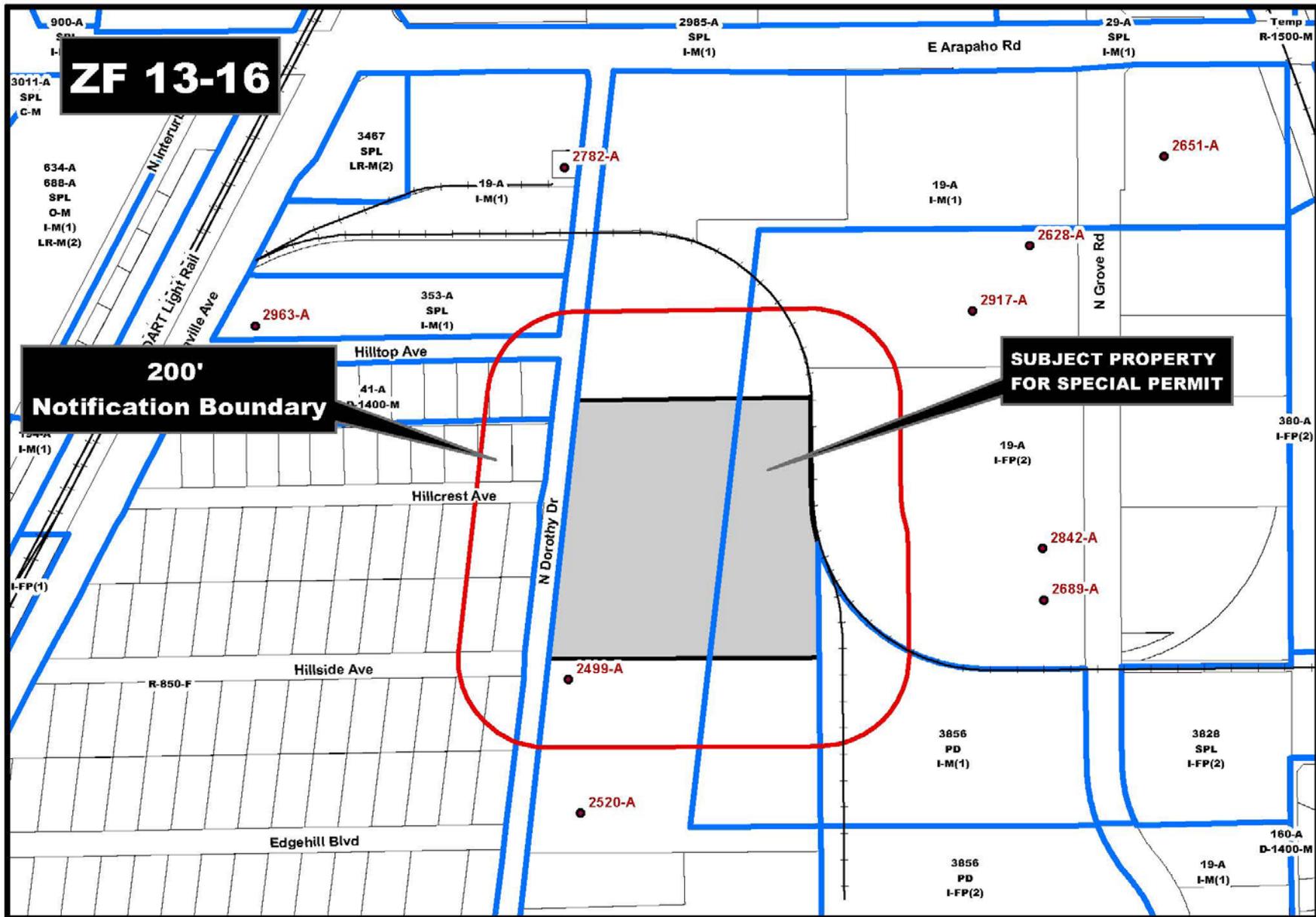
Looking West at
Burlington Coat Factory



S Plano Rd

Zoning Exhibit

ZF 13-16

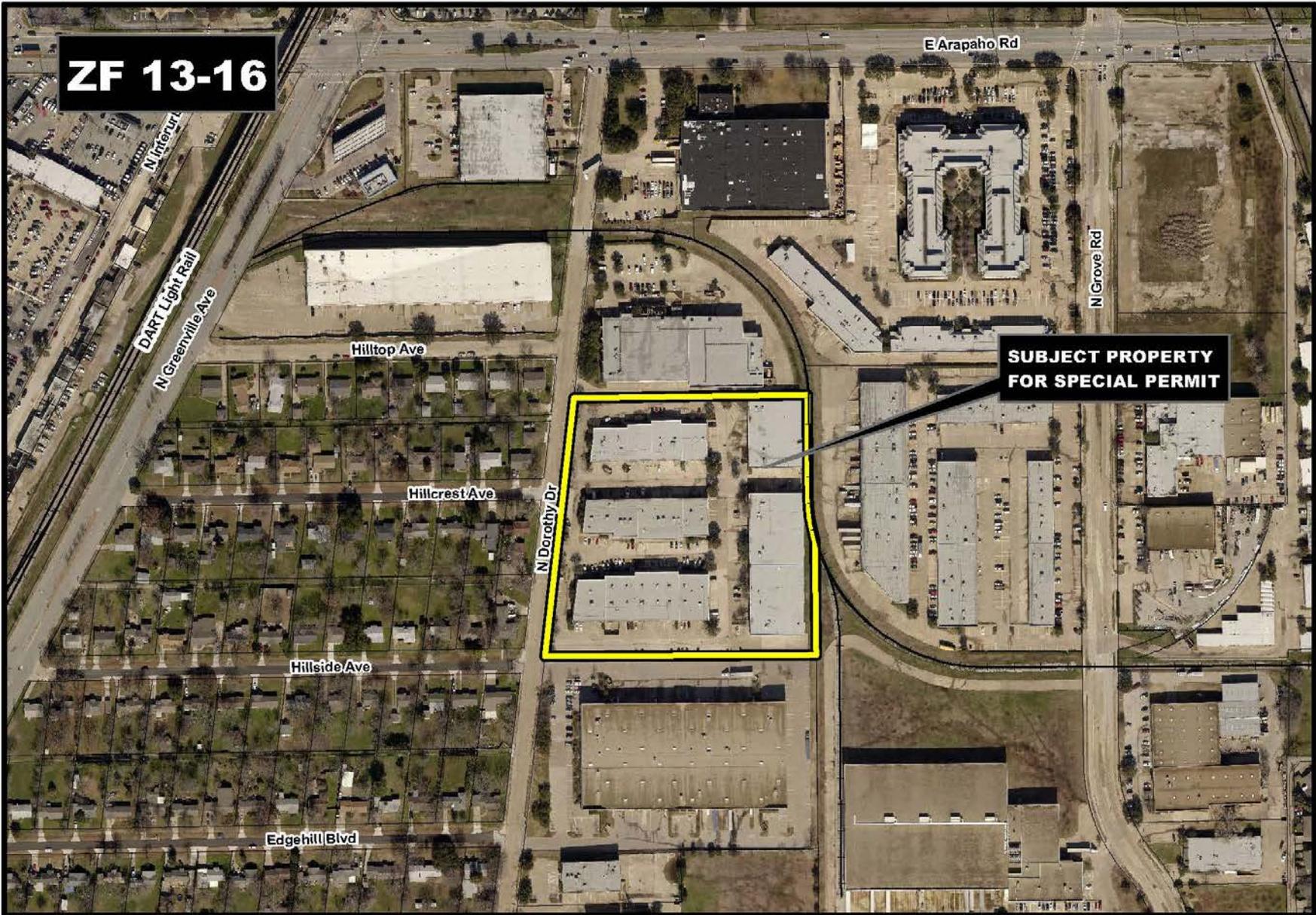


ZF 13-16 Notification Map

Updated By: shacklett, Update Date: September 16, 2013
 File: DSM\mapping\Cases\Z2013\ZF1316\ZF1316 notification.mxd

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ZF 13-16

E Arapaho Rd

N Grove Rd

Hilltop Ave

SUBJECT PROPERTY FOR SPECIAL PERMIT

Hillcrest Ave

N Dorothy Dr

Hillside Ave

Edgehill Blvd

DART Light Rail
N Greenville Ave

ZF 13-16 Aerial Map

Updated By: shacklett, Update Date: September 16, 2013
File: DSMMapping\Cases\Z\2013\ZF13-16\ZF1316_ortho.mxd

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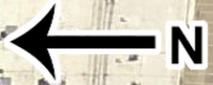


**Subject
Lease Space**

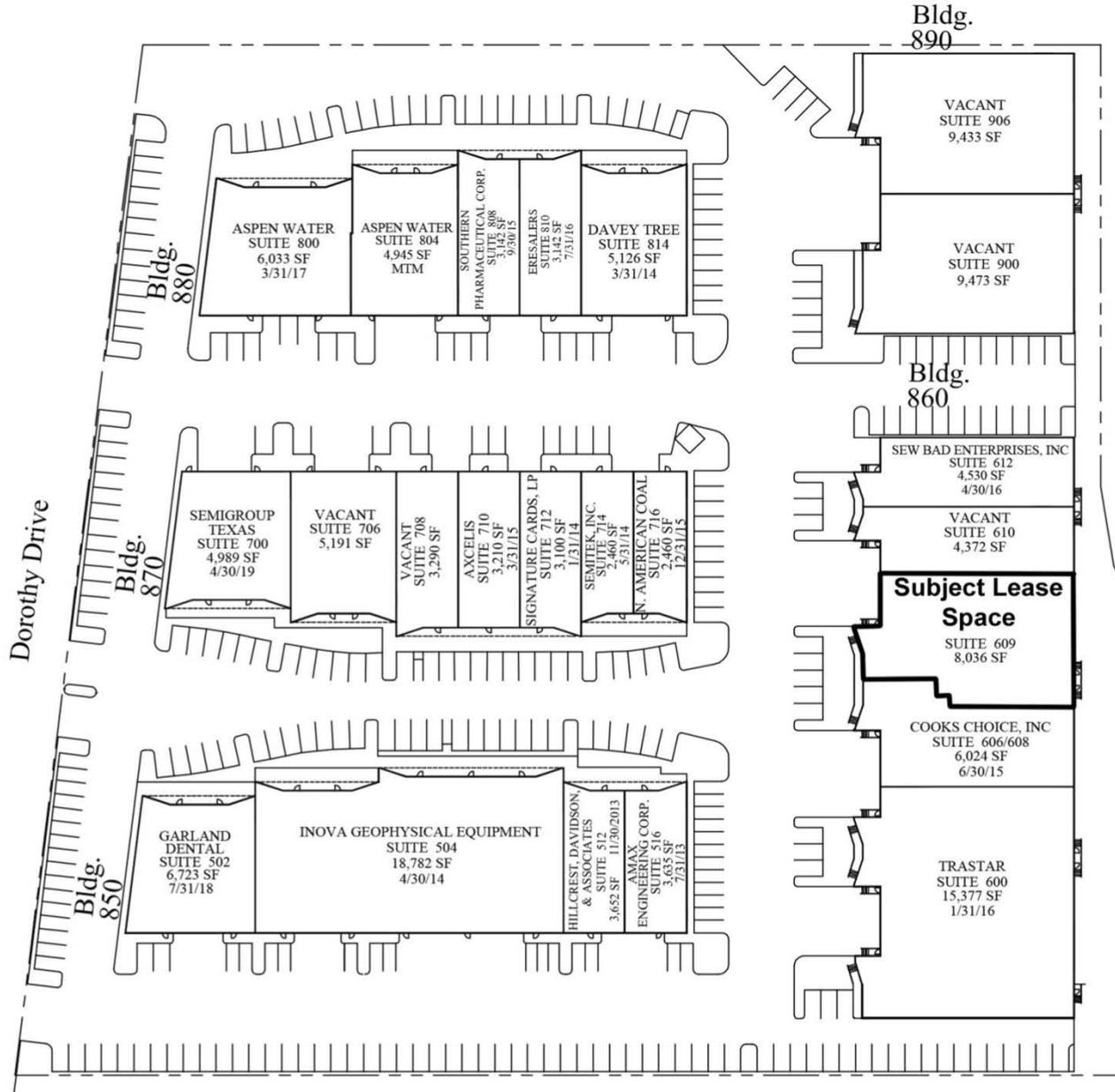


Dorothy Drive

Hilltop Avenue



**Oblique Aerial
Looking East**

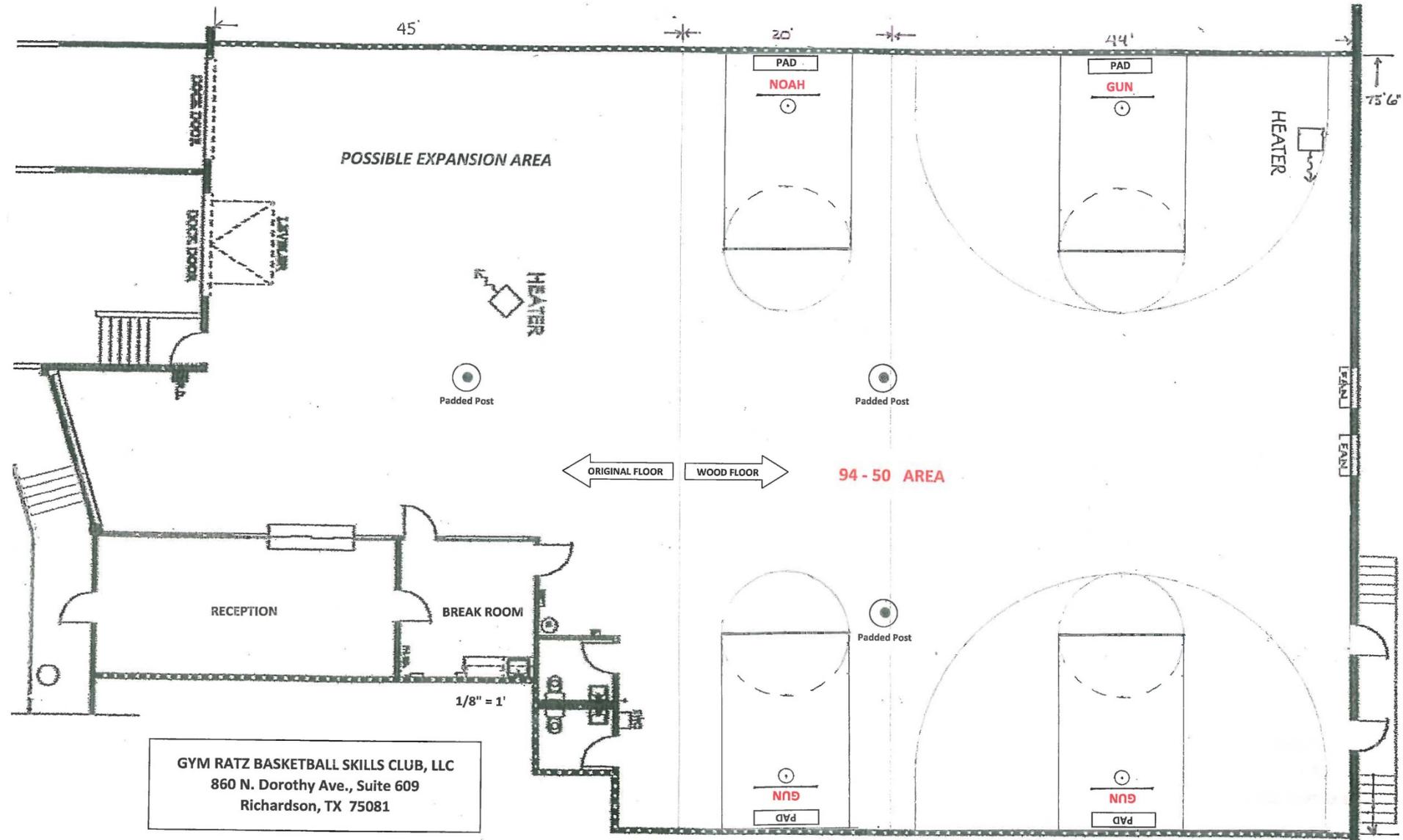


Project Summary	
Existing Zoning	I-M (1) amd I-FP(2)
Proposed Zoning	SUP Permit for Basketball Skills Gym
Setbacks	40' along Dorothy
Lot Area	8.3 Acres (361,548 SF)
Bldg SF	850 Dorothy: 32,792
	860 Dorothy: 38,339
	870 Dorothy: 24,700
	880 Dorothy: 22,388
	890 Dorothy: 18,906
	137,125
Parking Ratios	1/250 Office ; 1/1000 Warehouse; 1/500 Basketball Skills Gym
Required Parking	293
Provided Parking	293
FAR	37.93%
Landscape	In Accordance with Approved Site Plan

850 DOROTHY: 32,792 SF
 860 DOROTHY: 38,339 SF
 870 DOROTHY: 24,700 SF
 880 DOROTHY: 22,388 SF
 890 DOROTHY: 18,906 SF

TOTAL SQUARE FOOTAGE: 137,125 SF
 PARKING SPACES: 293

Zoning Exhibit



Floor Plan



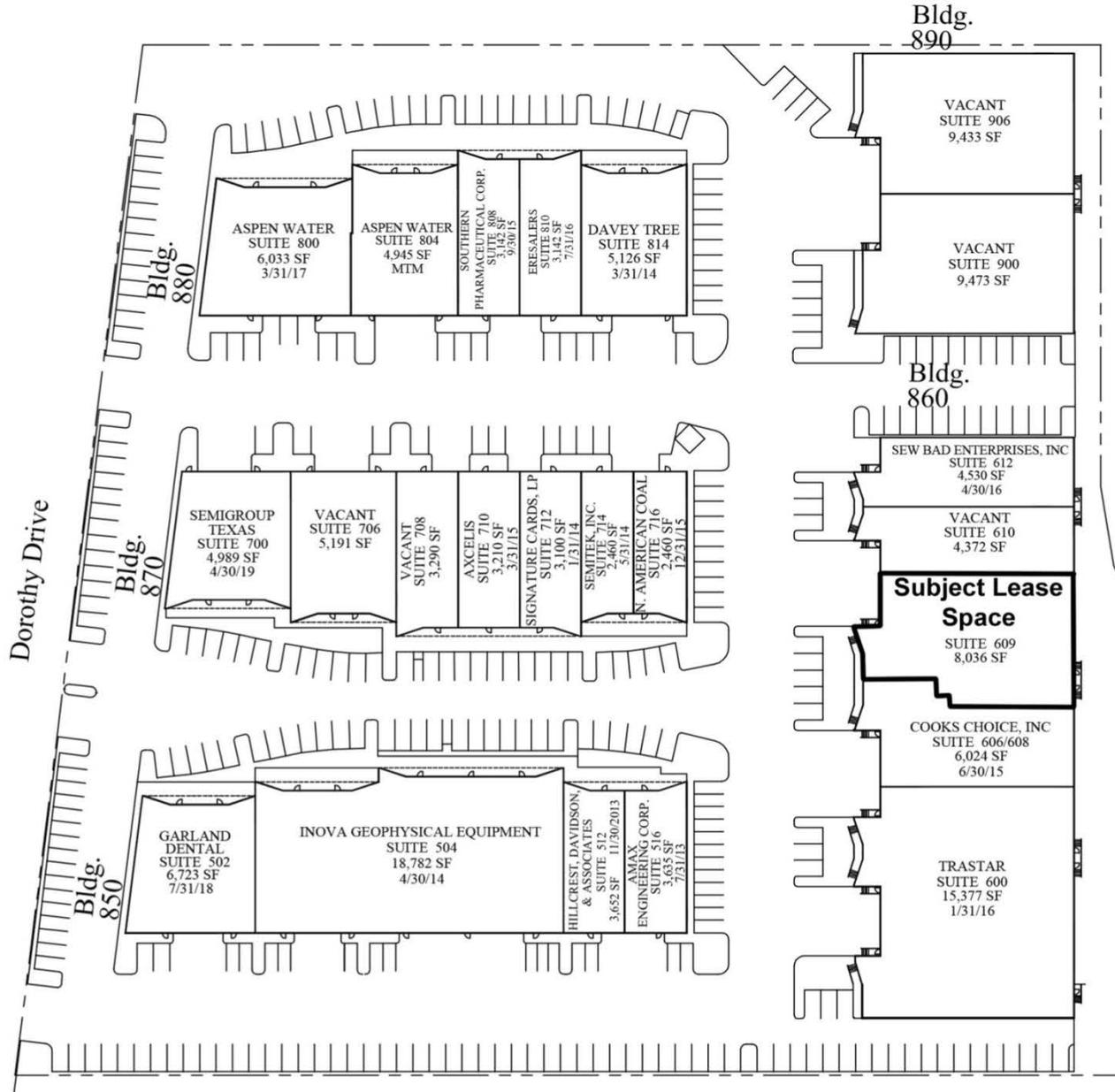
(1)

Looking Southeast at
Subject Lease Space



(2)

Looking West from
Subject Lease Space



Project Summary	
Existing Zoning	I-M (1) amd I-FP(2)
Proposed Zoning	SUP Permit for Basketball Skills Gym
Setbacks	40' along Dorothy
Lot Area	8.3 Acres (361,548 SF)
Bldg SF	850 Dorothy: 32,792
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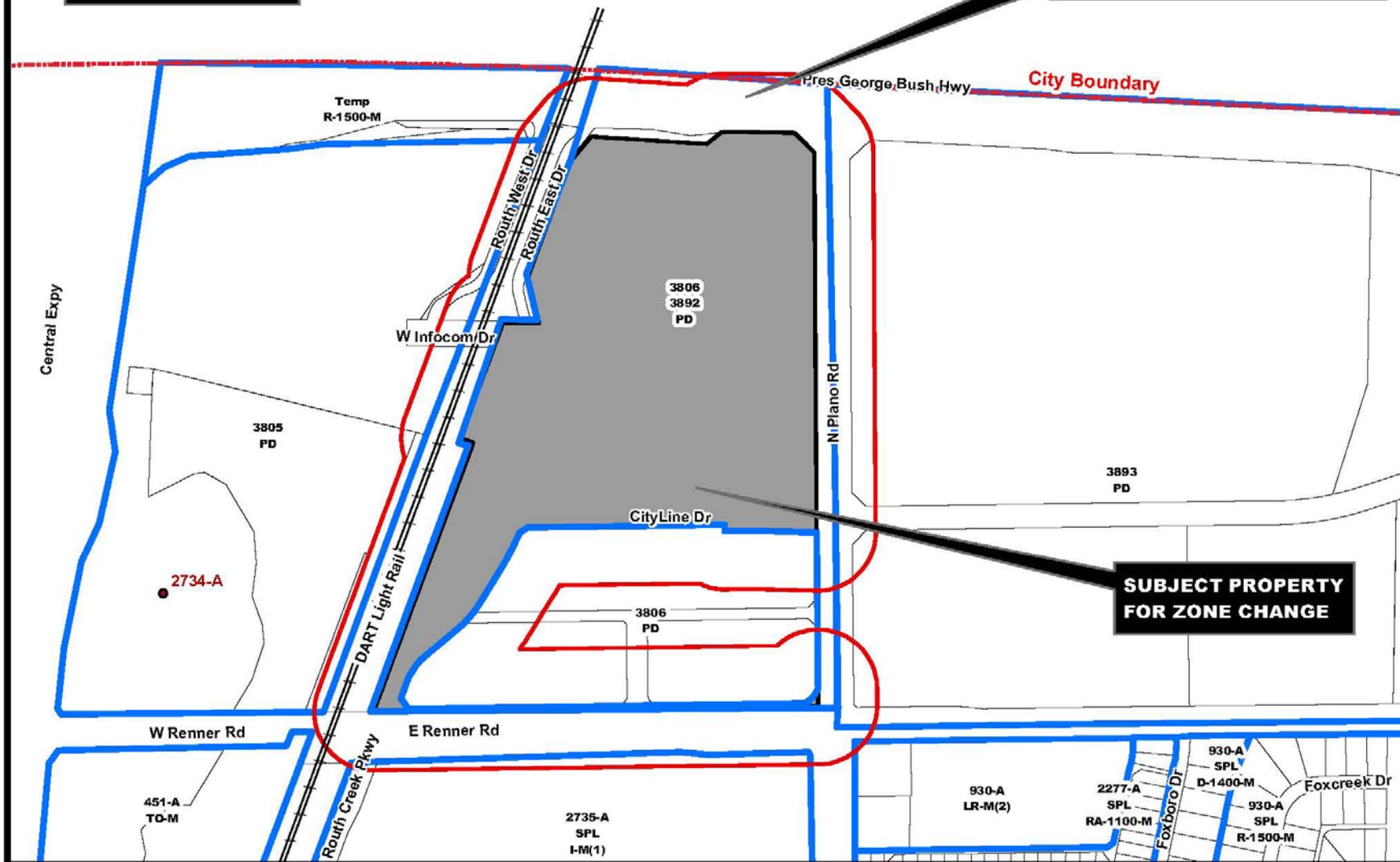
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 890 DOROTHY: 18,906 SF
 TOTAL SQUARE FOOTAGE: 137,125 SF
 PARKING SPACES: 293

Zoning Exhibit

ZF 13-18

ZF 13-18

200' Notification Boundary



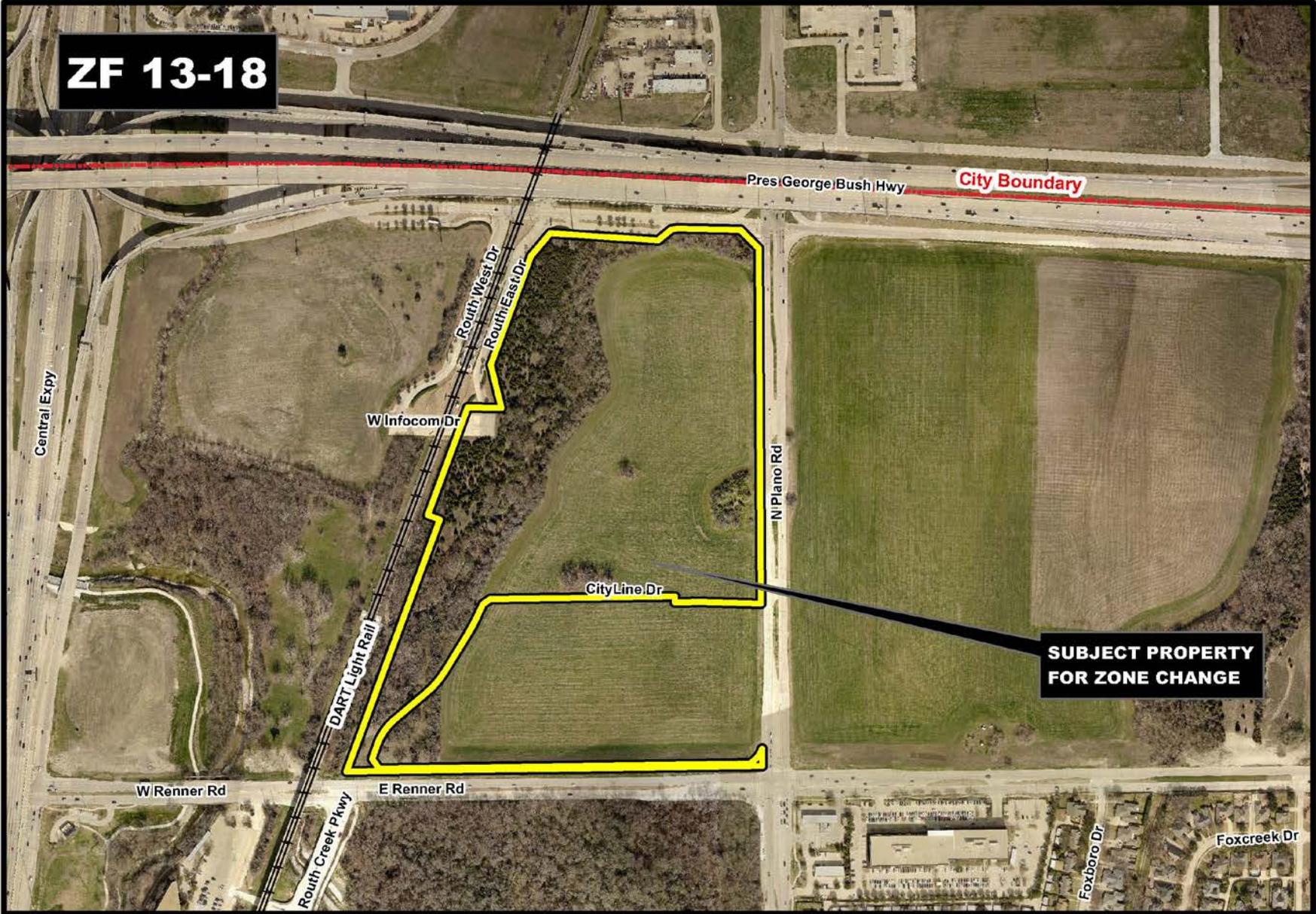
ZF 13-18 Notification Map

Updated By: shacklettc, Update Date: October 3, 2013
File: DSMMapping\Cases\Z2013\ZF1213\ZF1318 notification.mxd

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ZF 13-18



ZF 13-18 Aerial Map

Updated By: shacklett, Update Date: October 2, 2013
File: DS\Mapping\Cases\Z\2013\ZF1213\ZF1318 ortho.mxd

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



PGBT

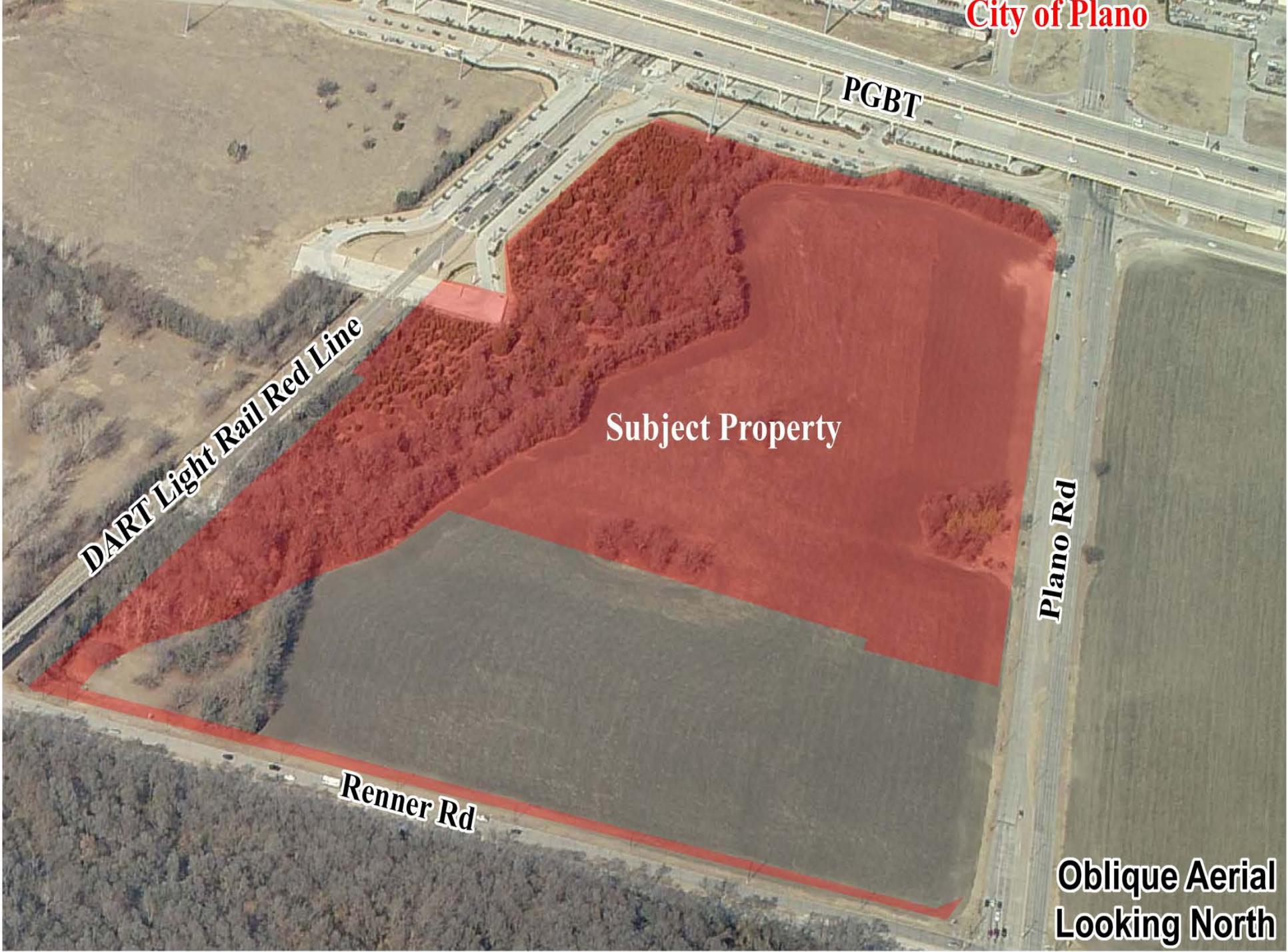
DART Light Rail Red Line

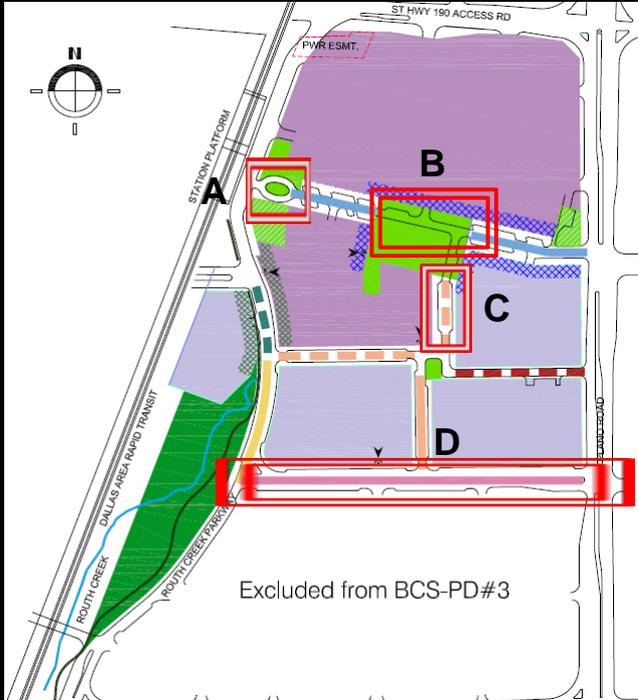
Subject Property

Plano Rd

Renner Rd

Oblique Aerial
Looking North





LEGEND	
CHARACTER ZONES	
TOD Core	14.83 Acres
TOD Mixed Use	9.66 Acres
CIVIC / OPEN SPACE TYPES	
Mandatory Public Open Space	1.80 Acres
Mandatory Park	3.57 Acres
Non-Mandatory Green or Square	0.54 Acres
SPECIAL FRONTAGE TYPES	
Main Street Frontage	
Pedestrian Priority Frontage	
STREET DESIGNATIONS	
Street Type 1	Street Type 2
Street Type 3	Street Type 4
Street Type 5	Street Type 6
Solid line denotes Type 'A' Street	Dashed line denotes Type 'B' Street
Note: Plano Road, SH 190 Access Road and the Station Platform frontage shall be considered as Type 'B' Street frontages for the purposes of the Bush Central PD #3.	
OTHER	
Approximate District Boundary	Property Line (Property line at back-of-curb)
Multi-Use Trail	Existing Creek
Terminated Vista	

DRAFT

REGULATING PLAN - APPENDIX A-1
 Bush Central Station
 Planned Development Code #3
 October 8, 2013

- A. New Street Cross Section (Elliptabout Cross Section)
- B. Reconfigured Mandatory Public Open Space w/o elliptabout
- C. Changed to a Type 'B' Street
- D. Revised Street Cross Section showing bump-outs and tree placement



LEGEND	
CHARACTER ZONES	
TOD Core	14.83 Acres
TOD Mixed Use	9.66 Acres
CIVIC / OPEN SPACE TYPES	
Mandatory Plaza	0.7 Acres
Mandatory Green or Square	1.10 Acres
Mandatory Park	3.57 Acres
Non-Mandatory Green or Square	0.54 Acres
SPECIAL FRONTAGE TYPES	
Main Street Frontage	
Pedestrian Priority Frontage	
STREET DESIGNATIONS	
Street Type 1	Street Type 2
Street Type 3	Street Type 4
Street Type 5	Street Type 6
Solid line denotes Type 'A' Street	Dashed line denotes Type 'B' Street
Note: Plano Road, SH 190 Access Road and the Station Platform frontage shall be considered as Type 'B' Street frontages for the purposes of the Bush Central PD #2.	
OTHER	
Approximate District Boundary	Property Line
Multi-Use Trail	Existing Creek
Terminated Vista	

REGULATING PLAN - APPENDIX A-1
 Bush Central Station
 Planned Development Code #2
Exhibit C

Text Amendments Summary

Building Placement & Design

- Porte-cocheres, balconies, awnings, outdoor seating
- Increase building masonry on Type B streets
- Utility equipment placement
- Allowance for easements
- Build-to corners
- Sign review/approval

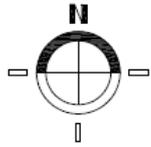
Street & Streetscape

- On-street valet parking pick-up and drop-off
- Street screen placement
- Street tree, lighting and furniture placement

Open Space

- Kiosk size and type limitations





LEGEND	
CHARACTER ZONES	
	TOD Core 14.83 Acres
	TOD Mixed Use 9.66 Acres
CIVIC / OPEN SPACE TYPES	
	Mandatory Public Open Space 1.80 Acres
	Mandatory Park 3.57 Acres
	Non-Mandatory Green or Square 0.54 Acres
SPECIAL FRONTAGE TYPES	
	Main Street Frontage
	Pedestrian Priority Frontage
STREET DESIGNATIONS	
	Street Type 1
	Street Type 3
	Street Type 5
	Street Type 2
	Street Type 4
	Street Type 6
	Solid line denotes Type 'A' Street
	Dashed line denotes Type 'B' Street
<p>Note: Plano Road, SH 190 Access Road and the Station Platform frontage shall be considered as Type 'B' Street frontages for the purposes of the Bush Central PD #2</p>	
OTHER	
	Approximate District Boundary
	Property Line (Property line at back-of-curb)
	Multi-Use Trail
	Existing Creek
	Terminated Vista

DRAFT

REGULATING PLAN - APPENDIX A-1

Bush Central Station

Planned Development Code #3

October 8, 2013

Not to scale

Parks & Recreation Capital Projects Update

Richardson City Council
October 28, 2013

Parks and Recreation Capital Projects - Overview

2010 Bond Program Completed Projects:

- | | |
|----------------------------------|----------------|
| • 8 ball field shade structures | Completed 2011 |
| • Gymnastics Center | Completed 2013 |
| • Heights Recreation Center | Completed 2013 |
| • Heights Aquatics Center | Completed 2013 |
| • Breckinridge Pedestrian Bridge | Completed 2013 |
| • Durham Park | Completed 2013 |

2010 Bond Program Projects in design or under construction:

- | | |
|--------------------------------------|--------------------|
| • Central Trail | Under Construction |
| • City Wide Neighborhood Park Trails | Under Construction |
| • New Park - Northrich Neighborhood | Design Phase |
| • City Entry Signs | Design Phase |
| • City Wide Playground Upgrades | Design Phase |
| • City Wide ADA Upgrades | Design Phase |

Other Capital Improvements Projects funded from grants:

- | | |
|------------------------------|--------------|
| • Duck Creek Trail Extension | Design Phase |
| • KDC – CityLine Area | Design Phase |

Central Trail - South



Central Trail - South



Central Trail – South



Central Trail - South



City Wide - Neighborhood Park Trails



Canyon Creek - Completed

2010 Bond

City Wide - Neighborhood Park Trails



Terrace Park - Completed

City Wide - Neighborhood Park Trails



Woodhaven Grove Park - Completed

2010 Bond

City Wide - Neighborhood Park Trails



Point North Trail - *Under Construction*

City Wide - Neighborhood Park Trails



Glenville Park Trail - *Construction Documents*

2010 Bond

City Wide - Neighborhood Park Trails



Glenville Park Trail - *Construction Documents*

2010 Bond

New Park – Northrich Area



NORTHRICH ELEMENTARY



0 30 60 120 Feet



New Park – Northrich Area



Playground



Shelter



Outdoor Classroom



Bike Rack



Furniture



Playground



Playground



Walking Trail

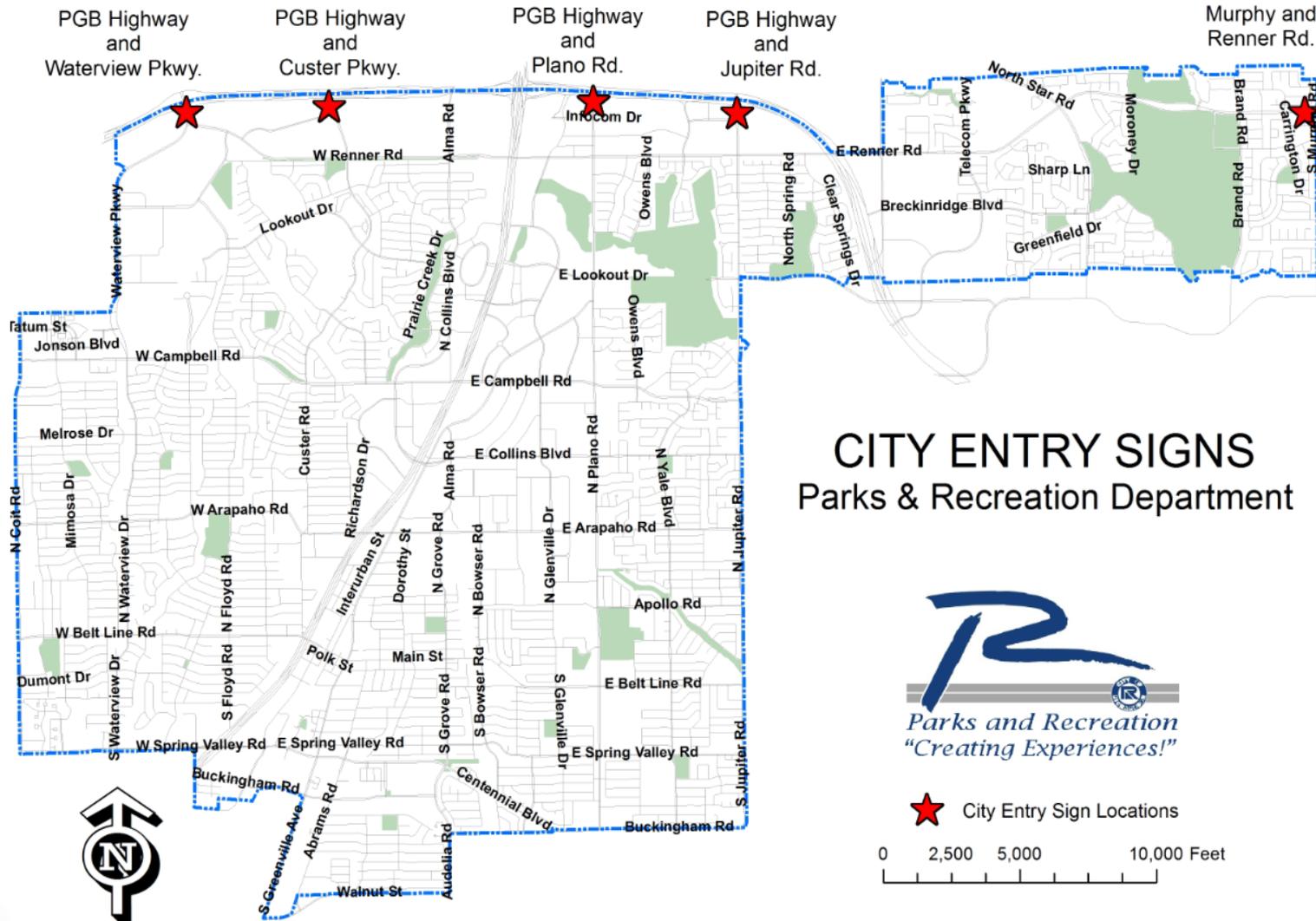


NORTHRICH ELEMENTARY Mid Century Modern Concept

0 30 60 120 Feet



City Entry Signs



CITY ENTRY SIGNS Parks & Recreation Department



Parks and Recreation
"Creating Experiences!"

★ City Entry Sign Locations

0 2,500 5,000 10,000 Feet

City Entry Signs



City Wide Playground - Redevelopment



Yale Park

City Wide Playground - Redevelopment



Mimosa Park

2010 Bond

City Wide Playground - Redevelopment



Glenville Park

City Wide Playground - Redevelopment



Custer Park

2010 Bond

City Wide Playground - Redevelopment



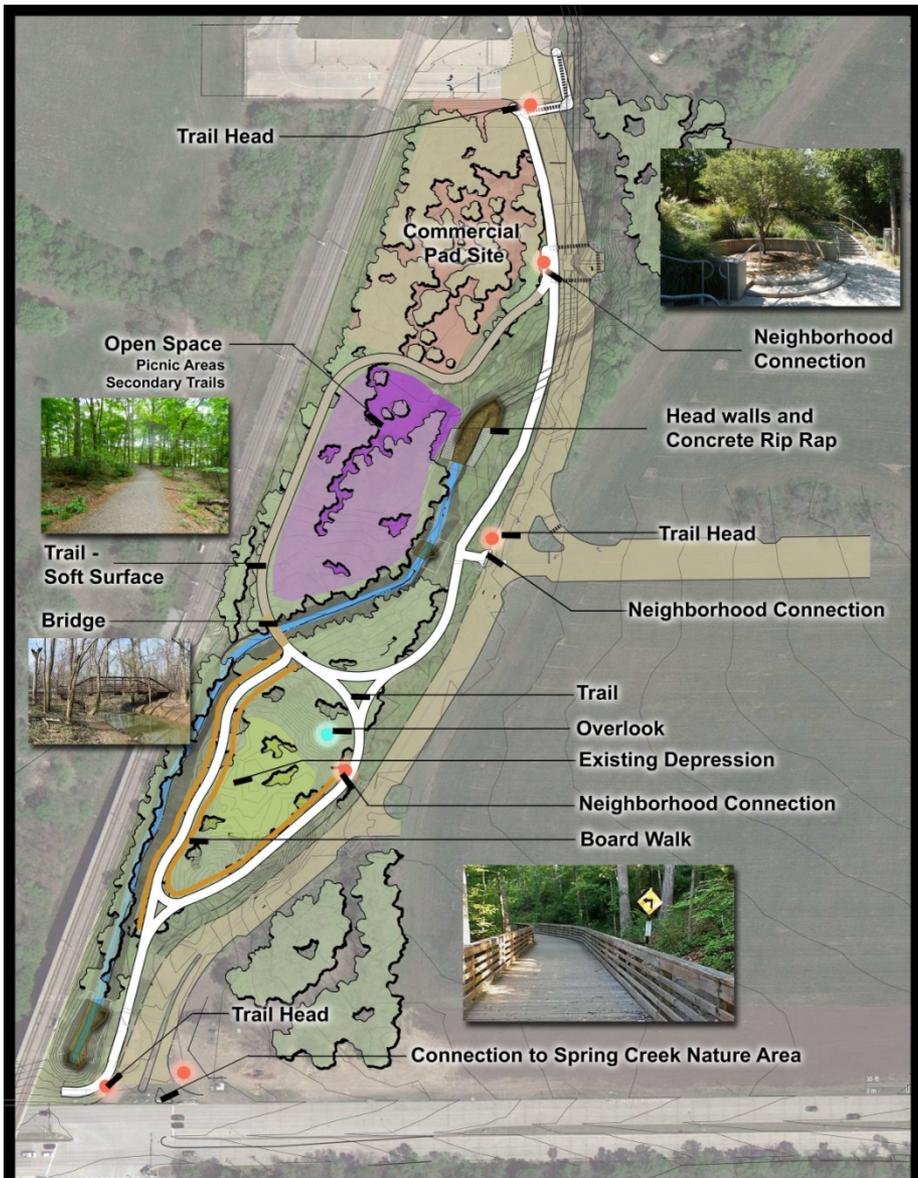
Custer Park – Relocation

2010 Bond

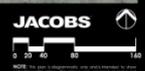
Duck Creek Trail Extension



KDC CityLine Area



Preferred Trail Plan
KDC Property
 City of Richardson, Texas
 February 4, 2013



KDC CityLine Area



Summary & Next Steps

Central Trail - South

- 50% construction completed
- May 2014 project completion

Citywide - Neighborhood Park Trails

- 3 parks complete
- Point North Park complete mid-November
- Glenville Park bidding and construction complete March 2014

New Park - Northrich Area

- Awaiting RISD concept plan approval
- Neighborhood input process
- 11 months for construction documents, bidding and construction

City Entry Signs

- 50% design complete
- Bidding and construction complete Spring 2014

Citywide - Playground Redevelopment

- Preparing RFP's for each site
- Spring 2014 project completion

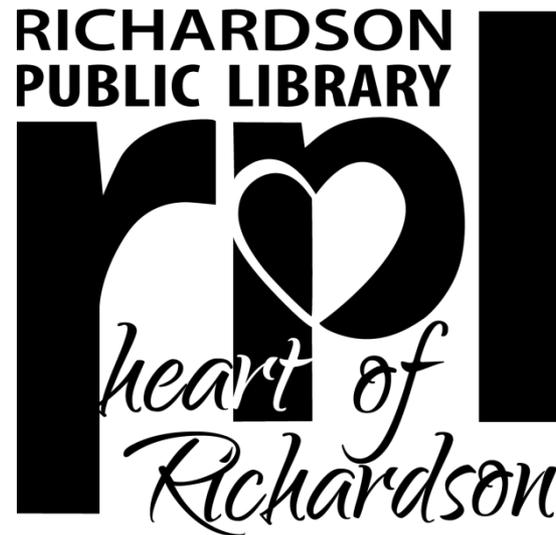
Duck Creek Trail Extension

- Funding available to begin project design and construction documents Fall 2014

KDC CityLine Area

- October 2014 begin construction with completion Spring 2015

Library RFID Project

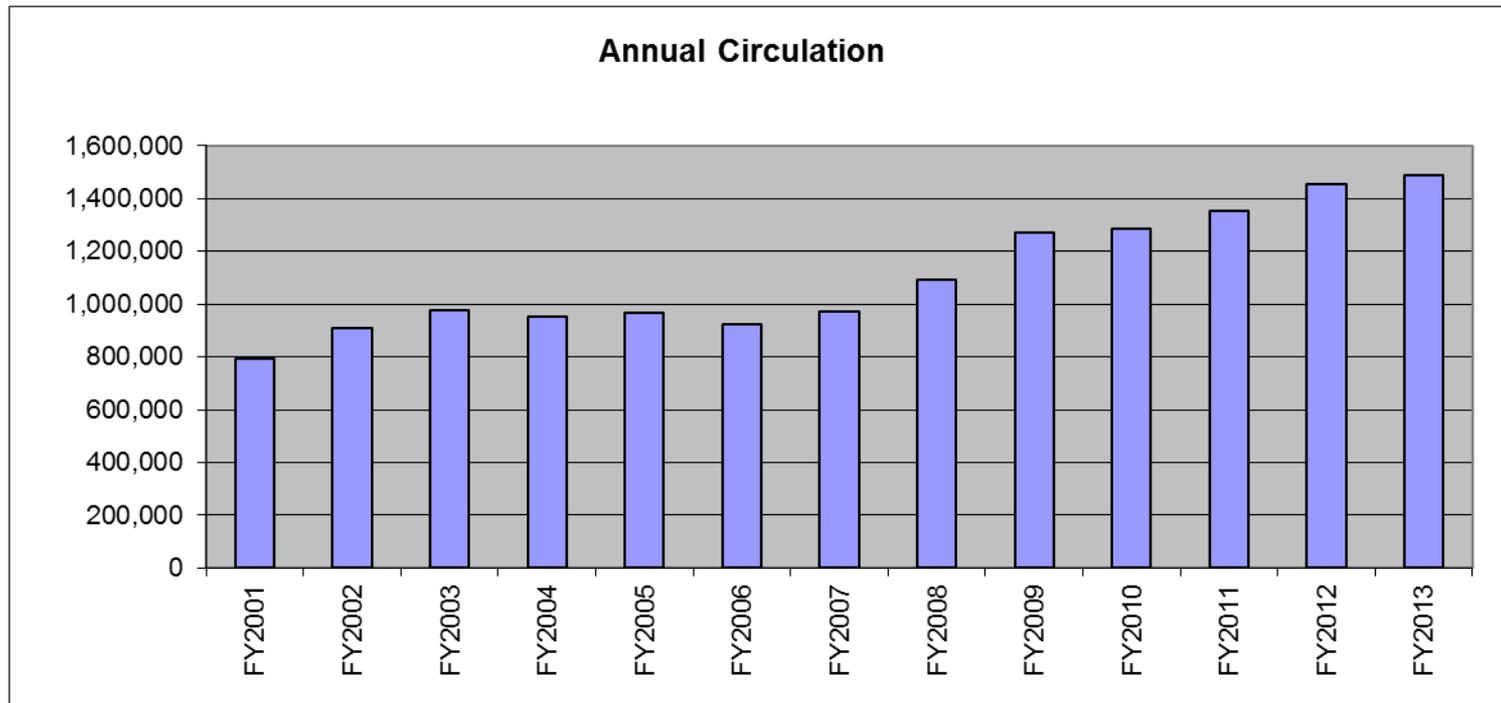


City of Richardson

City Council Work Session

October 28, 2013

Circulation capacity stretched



Circulation was 978,000 in 2003 and 1,486,000 in 2013
52% increase

Needed Efficiencies From a RFID System

1) A key feature of the automated materials handler will allow stacks of materials to be deposited by patrons in the book returns. The system will separate and then sort them.

This feature reduces the time each patron has to spend at the book return because they can put in a stack of books as they always have rather than putting them into the book return one at a time. This was a key feature in the Tech Logic system that was not available in other systems.

2) A second key efficiency is at the checkout stations, allowing all four of these stations to be available all the time.

Currently lines form at checkout stations because staffing levels allow staffing at only two of the four stations. The new system allows stations to function as either self-service checkout or staff checkout so that they will always be available. Lines at checkout should be a thing of the past.

This 2010 Bond Project Is Comprised of Several Parts

1) Radio Frequency Identification (RFID) system

Tags, security gates, monitors, scanners, RF receivers, computers, software interface with existing circulation system

It includes two self-service checkout kiosks and four staff stations that have the option to also function as self-service stations. There will be six checkout service points compared to the two or three we had in the past.

2) Retagging Library Materials

252,000 items tagged with RFID tags

3) Automated Materials Handling System

Automated conveyor and sorting system that utilizes RFID to check in materials and sort them

Project Budget

\$690,000 was available for this project

535,000	RFID System Security gates, RFID tags, RF receivers, self-check kiosks, software interface, automated materials handling system
75,000	Retagging all existing materials
30,000	Miscellaneous expenses Minor electrical modifications, Circulation Workroom modifications, Installation of computer data lines, acquisition of computer touch screens for Circulation Desk stations
640,000	Total Cost (Estimated)

Project Timeline

- ✓ Bond project approved May 2010
- ✓ An RFP for RFID system was published in May 2012
- ✓ Four companies submitted quotes
- ✓ Tech Logic was selected

- ✓ An RFP for tagging was published July 2013
- ✓ Three companies submitted quotes
- ✓ AMH & RFID Solutions was selected

- ✓ Tagging 9/2013
- ✓ Materials handler / Sorter installed 10/14-18/2013
- ✓ Self Service checkout kiosks installed 10/28-31/2013

Then and Now



