

#### **CANYON COUNTY DEVELOPMENT SERVICES DEPARTMENT**

111 North 11<sup>th</sup> Ave., Ste. 310, Caldwell, ID 83605 | Office: 208-454-7458 <u>DSDInfo@canyonco.org</u> | www.canyonco.org/dsd

### AGENCY NOTIFICATION – RESPONSE REQUESTED

Case No.:	RZ2021-0056 & SD2021-0059	RESPOND BY:	MARCH 24, 2023
Address:	R37597, R3706, R37605010, R37602010	Hearing Body:	PZ Commission
	Middleton 187, LLC represented by	Transmission	
Applicant:	Ardurra (Zane Cradic, PE)	Date:	2/24/2023
Planner:	Deb Root	Phone :	208-455-6034
Your agency	is hereby notified that Canyon County Develop	ment Services has acc	epted an application:

Case No. RZ2021-0056 & SD2021-0059: Middleton 187, LLC is requesting a Conditional Rezone of approximately 217 acres from an "A" (Agricultural) zone to "CR-R1" (Single Family Residential) zone with municipal sewer and water subject to a pre-annexation agreement with the City of Middleton and development agreement with Canyon County. Also requested is approval of a preliminary plat, phasing plan, landscape, irrigation, drainage, and hillside development plans for Farmington Hills Subdivision. The proposed development contains 492 total lots: 421 residential lots with an average lot size of 12,780 sq. ft. and 71 common lots. The properties are designated "Residential" in the Canyon County 2020 Comprehensive Plan. The subject parcels R37605, R37605010, R37602010, R37597 are located north of Foothill Road between Lansing Lane and Duff Lane, Middleton, in a portion of the SW ¼ and the SE ¼ of Section 33, T5N, R2W, BM, Canyon County, Idaho.

The property is list not located within a Fleedhlein and lar Fleedham.	Flood Horond Zono.	V
The property is/is not located within a Floodplain and/or Floodway.	Flood Hazard Zone:	X

Your agency response is critical to the evaluation of this proposal. A copy of the letter of intent and other applicable documents are enclosed for your review. If you need further information please send an email request or phone call to the planner of record listed below. Your response will be forwarded to the hearing body for consideration and will be incorporated into the staff review and report.

Please reference the Case No. listed above in responses and/or correspondence regarding this case. You may respond in the following formats:

- Mail: 111 North 11<sup>th</sup> Ave., Ste. 310, Caldwell, ID 83605
- Email: debbie.root@canyoncounty.id.gov

# RESPONSE DEADLINE: 3/24/2023

At a minimum, please address the following questions specific to your agency listed below and any additional concerns regarding the requested use. Information submitted will be a part of the record as evidence for the Findings of this case:

#### SOUTHWEST DISTRICT HEALTH DEPARTMENT

✓ Will adequate sewer systems be provided to accommodate the use?

#### **HIGHWAY DISTRICTS/ITD**

- ✓ Does legal access to the property exist for the requested use?
- ✓ Will there be any undue interference with existing or future traffic patterns created by the requested use?

#### **IRRIGATION DISTRICTS**

- ✓ Will adequate irrigation be provided to accommodate said use?
- ✓ Will any of the services provided by the irrigation district be negatively impacted by the requested use or require additional public funding to meet the needs created by the requested use?

#### **IDAHO DEPARTMENT OF WATER RESOURCES**

✓ Will adequate water be provided to accommodate said use?

#### **SCHOOL FACILITIES**

- ✓ Will essential services be provided to accommodate the requested use?
- ✓ Will any school services be negatively impacted by the requested or require additional public funding in order to meet the needs created by the requested use? (For example, what is the school's existing capacity and will it meet the demand of any additional growth created from the requested use?)

#### POLICE, FIRE, AND EMERGENCY MEDICAL SERVICES

- ✓ Will essential services be provided to accommodate said use?
- ✓ Will services be negatively impacted by such use or require additional public funding in order to meet the needs created by the requested use?
- ✓ What is the estimated response time to the subject property? Is this response time adequate for life safety concerns?

#### **DEPARTMENT OF ENVIORNMENTAL QUALITY**

#### Air Quality

✓ Will the use have a negative impact on air quality?

#### Waste Water & Drinking Water

✓ Will essential services accommodate said use?

#### Surface Water

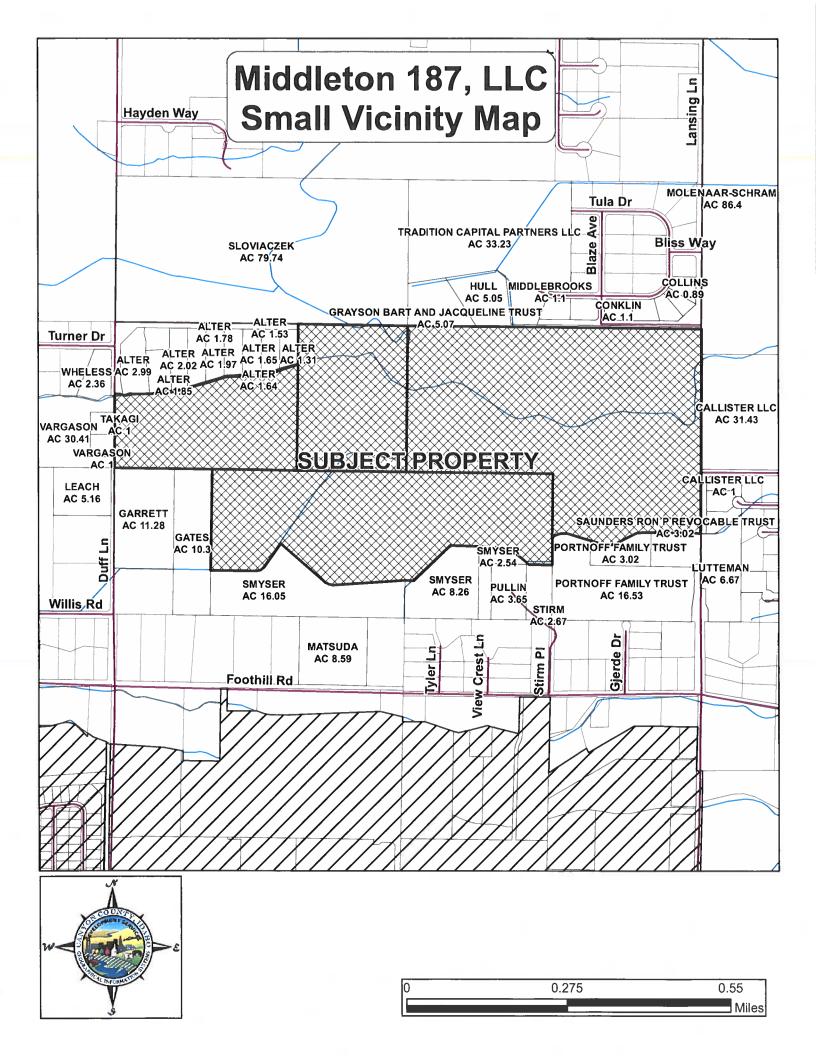
✓ Will the use impact any nearby surface water sources?

### **Hazardous Water & Ground Water Contamination**

- ✓ Will the use negatively impact ground water?
- ✓ Is there a hazardous waste concern?

If you have questions regarding the application and/or materials received, you may contact the planner assigned to the case, <a href="mailto:debbie.root@canyoncounty.id.gov">debbie.root@canyoncounty.id.gov</a> or by phone (208) 455-6034.

Idaho Code 37-6509(a) requires notice of a public hearing to be sent to political subdivisions of the state that provided services within the planning jurisdiction at least fifteen (15) days prior to the public hearing.





January 11, 2023

Canyon County
Development Services Department
111 N 11<sup>th</sup> Ave
Caldwell. ID 83605

RE: Farmington Hills Subdivision | Hillside Development, Conditional Zoning Amendment & Preliminary

Dear Canyon County Development Services Department, Planning & Zoning Commission, and Board of County Commissioners.

This letter is to accommodate and describe the intent of Farmington Hills Subdivision, preliminary plat, and conditional rezone. Canyon Highway District No. 4 has provided comments with an initial review of the preliminary plat, and the design team is resubmitting to address such comments. Along with this letter, applications & materials have been submitted for hillside development, revegetation plan, zoning amendment & preliminary plat.

#### **Project Overview**

- Project Size: ±216.65
- Location: between Duff Ln and Lansing Ln, north of Foothill Rd, & south of Meadow Park Blvd.
- Total Number of Lots: 492
  - o 425 buildable, & Common 421 residential, 71 Common Jan 17, 2023 email
- Average lot size: 12,978 Sf.
- Density: 1.96 DUA
- Open Space: 22% or ±47.67 acres
- 13 Phases
- Parcel(s): R3759700000, R3760500000, R3760201000, & R3760501000

#### **Current Zoning**

- On site: Agricultural
- East: County zoned R-1 developments
- North: County zoned R-1 developments, Ag parcels
- West: County zoned Ag parcels
- South and Southwest: County R-R, Ag parcels & City of Middleton R-3 (med density residential)

#### Proposed Zoning

R-1; Low Density Residential



#### Applicable Canyon County 2020 Comprehensive Plan Policies for Rezone

#### 9. Transportation Component

Policy 7. Work with existing neighborhoods and highway district to manage traffic on local, neighborhood streets to promote safety through use of traffic calming and other measures.

The project team has worked closely with the City of Middleton, Canyon Highway District, Idaho Department of Transportation, and surrounding neighbors to create a site layout that best manages local traffic conditions. Willis Rd, the main east-west corridor on site, will have landscaped medians as a traffic calming measures, along with landscape buffers on either side. Landscape buffers will also be provided along Duff Ln and Lansing Ln adjacent to the project.

Policy 9. Promote the design of continuous collector streets that minimize impacts of traffic on local streets but aids internal circulation for new developments.

Willis Rd is a master planned continuous collector to provide access and circulation for all internal lots on site. Willis will connect the internal access streets to Duff Ln and Lansing Ln, which are major north-south corridors.

Policy 11. Promote connectivity through design of well-connected local street systems and pathways.

With the multi-jurisdictional aid in the design of Farmington Hills, several pathways and local street systems are provided to promote local & greater community connectivity as shown in the Landscape Plan.

Policy 12. Work with the highway districts and local jurisdictions to develop, implement, and apply minimum connectivity requirements to improve traffic flow, pedestrian connectivity, bicycle access, transit access and to minimize projected vehicle miles traveled from new development.

Farmington Hills is designed beyond minimum connectivity requirements as depicted on the site and landscape plans. The implemented design will improve traffic flow, pedestrian connectivity, bicycle access, and transit access to ultimately minimize projected vehicle miles in the local and greater community.

### 10. Special Areas, Sites, and Recreation Component

Policy 1. Encourage the continuation of existing and encourage the creation of new recreational areas and the opportunity for outdoor public recreation areas and activities.

The design team has created a product with ample, connective pathways throughout the entirety of the project to connect the public and residents to outdoor recreational activities. These are to include landscaped pathways, natural ponds, play field areas, sporting courts, and a private pool.

Policy 2. Encourage the development of new and the connection between parks, greenbelts, and walking paths.



Again, Farmington Hills provides and encourages connection between its walking paths, outdoor activities, and ponds, as highlighted in the Landscape Plan. These will be easily accessed from the greater community system.

# 12. Community Design Component

Policy 1. Consider community design features that promote the health, safety, and welfare of the citizens of the county.

Farmington Hills is designed with easy, safe access to outdoor activities and open space via on-foot, bike, or car. The overall design of roadways and roadway orientation of development will provide efficient and safe access for residents and emergency services.

Policy 4. Encourage innovation and excellence in design for all development.

This product goes above and beyond design minimums and will provide housing with family-oriented amenities. Landscaping and focal points on site will distinguish this community from others.

Policy 5. Encourage each development to address concerns regarding roads, lighting, drainage, stormwater runoff, landscaping, re-vegetation of disturbed areas, underground utilities, and weed control.

The design team has worked and continues to work & communicate closely with neighbors, the City of Middleton, Canyon County, Canyon Highway District, Idaho Department of Transportation, Black Canyon Irrigation District to address all listed concerns.

Policy 6. Encourage new or expanding subdivision to consider stub roads, pathways connecting to adjacent subdivision, and pathway connecting to schools.

A stub road has been provided to an adjacent property due to a lack of direct roadway access. Pathways and roadways of Farmington Hills connect the internal sites to the greater City of Middleton and Canyon County pathway, bikeway, and roadway systems.

Policy 9. Encourage pressurized irrigation systems using non-potable water where reasonably possible.

All landscaping on site is to be irrigated with a pressurized irrigation system from existing water rights on site.

**Utilities** 

Water: Individual services provided by the City of Middleton. A municipal well will be provided in

Lot 1. Block 2.

Sewer: Individual services provided by the City of Middleton. Lot 13, Block 1 will be the location for

a new sewer lift station.



Irrigation: Individual services are provided with pressure irrigation from an irrigation pump located in

Lot 1, Block 4.

#### **Roadways**

Internal roadways on site are to be dedicated to the public and designed per City of Middleton standards with 50' ROW. Willis Rd will be a west-east corridor through the site connecting Lansing Ln & Duff Ln, major north-south corridors, as proposed in the City's Master Transportation Plan. Willis is to be constructed at 60' ROW with 24' landscape buffers and 8' detached walkways on either side with access to all internal streets. Landscaped islands will be strategically placed along this corridor for traffic calming & visual appeal. A local, north-south corridor, Blaze Ave, will be provided for connection and internal access between Willis Rd & Meadow Park Blvd, which forms the northern property boundary. Meadow Park Blvd is a proposed east-west corridor on Middleton's Master Transportation Plan. A 50' and 30' ROW has been given along Meadow Park Blvd for future build-out. The 30' ROW is adjacent to the two 20' flag lots between Farmington Hills Subdivision and Cascade Hills Subdivision. Beyond these flag lots, the full, 50' half-width ROW is provided. No residential lots are to the front, Wills Rd. Lansing Ln, and Duff Ln. Lansing and Duff have been given 50' ROW per request of Canyon Highway District with 8' detached, paved pathways once improved.

Local roadway spacing along Willis Rd was not in compliance with Canyon Highway District standards on the initially submitted preliminary plat. Also, internal local roadway alignments, intersections, and turning radii were also substandard per highway district and City of Middleton standards. The revised preliminary plat addresses comment provided by CHD and has brought all roadways to highway district standard. An additional approach off Meadow Park has been provided at Farmington Hills Way,

#### **Traffic**

Expected traffic counts & patterns are determined in the included Traffic Impact Study (TIS). The study has been performed and is under review with Canyon Highway District, City of Middleton, and Idaho Department of Transportation. Impacts of this study are to be assessed by each agency for proposed impacts and to inform any improvements and/or mitigation required.

#### Landscaping

Landscaping, park space, and other amenities have been provided within the development's open space areas as shown in the provided Landscape Plan. Lot 24 & 25, Block 10 will be the focal point of outdoor amenities, centrally located in the development with two 120' x 180' sports fields, a 75' x 125', and a tot lot. A private pool house will be in Lot 23, Block 10. Also, Lots 1, 36, 37, and 44, Block 4 are open spaces, park areas with ponds, pathways, and landscaping. Landscaped pathways are located throughout the entire project to provide pedestrian connectivity to the open space and amenities, homes, natural features, and the greater pathway system of Middleton. These will be publicly available. Trees and shrubs will line Willis Rd in a 24' landscape buffer throughout the entire project and an 8-foot planting median. Landscaping will be provided in a 25' landscape buffer along Duff, Lansing, Willis and most of Meadow Park Blvd.

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Two entryway monuments are also proposed at the two main entrance points into the project at Willis Rd/Lansing Ln and Willis Rd/Duff Ln.

#### **Stormwater**

Internal site stormwater will be routed to future infiltration facilities, as well as to the existing ponds located in common areas. Storm drainage will be designed in accordance with the Catalog of Storm Water Best Management Practices for Idaho Cities and Counties and the City of Middleton.

### Hillside Development

Where development is to impact areas with slopes at or greater than 15%, a preliminary grading plan has been included for the Hillside Development Application. Two specific areas of roadway development are applicable with included lots that are affected. A required revegetation plan has also been included in the landscape plan for areas impacted by the hillside development. Additionally, a preliminary hydrology report and geotechnical reports have been provided, as requested by Canyon County Engineering.

#### Easements

An existing 75' gas pipeline easement runs through the central portion of the site with a no build restriction. A landscaped concrete pathway travels with this easement, as shown in the Landscape Plan. Also, a 60' irrigation easement will run through the development for the current and future realignment and piping of the C-Line Canal East. This same irrigation line will run along the southwest property line with a 30' irrigation easement. The Willow Creek Pump Lateral currently runs along the southern boundary of the site and travels north to the C-Line Canal. The north-flowing portion will be realigned to run west along the south property line to meet the C-Line. The unaffected alignment along the property line will be in a 25' easement, while the realigned portion will be contained in a 50' easement per discussion with Black Canyon Irrigation District.

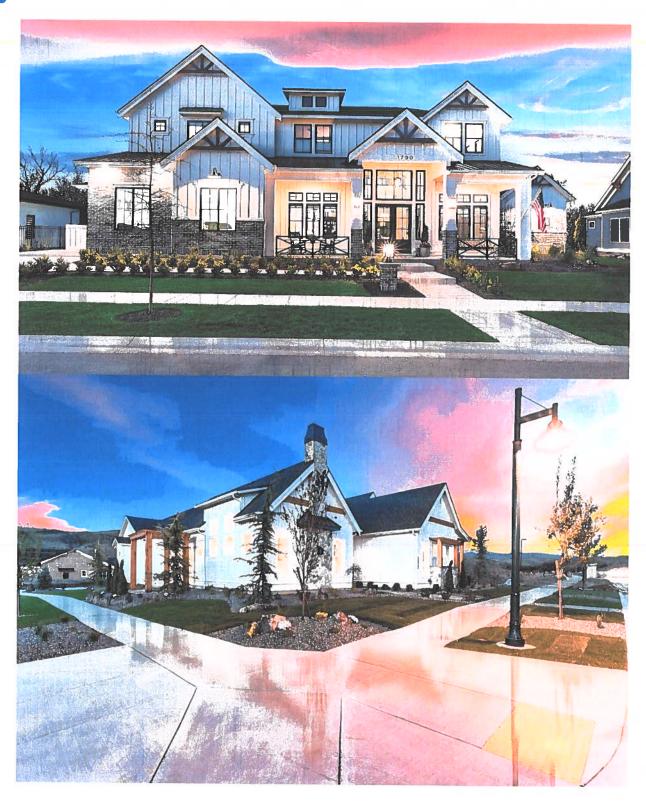
#### **Fencing**

Perimeter 6-foot vinyl fencing will be provided for the development. View lots will have 6-foot wrought-iron fencing to protect views and open space. See the Landscape plan.

#### **Housing**

The homes will be designed & constructed by Todd Campbell Custom Homes, LLC who is also the owner of the development. These custom homes feature high end finishes and customizations and will range from 1,800 square feet to 3,500 square feet in size. The customization of homes will provide to a range of homeowners and be visually appealing with façade variability. See the following examples:

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# TO

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332 N. Broadmore Way | Nampa. ID 83687 | P: 208.442.6300 | to-engineers.com

# T-O ENGINEERS



#### Conclusion

Thank you for your consideration for this project. We believe this will be a great, collaborative project for Canyon County, the City of Middleton, Canyon Highway District, and all other pertinent agencies. Our design team has worked diligently on this project to create a distinguishable, well-planned product. If you have any questions and/or comments pertaining to Farmington Hills, please contact me with the information below.

Sincerely,

T-O Engineers

Becky Yzaguirre Land Use Planner

bely be

BYzaguirre@to-engineers.com

(208) 323-2288

#### **Debbie Root**

From: Zane Cradic <zcradic@to-engineers.com>

Sent: Tuesday, January 17, 2023 1:26 PM

To: Debbie Root Cc: Becky Yzaquirre

Subject: RE: [External] RE: Please clarify...

Deb,

It looks like we have 421 residential lots and 71 common lots.

49 acres of common lot (22.6% gross open space) 123.5 acres of buildable lots 44 acres of ROW

I will get the preplat updated an back out to you this week. Thanks,



Zane Cradic, PE (ID) Project Manager

O: 208.442.6300 | M: 602.456.ZANE

**ARDURRA** 

From: Debbie Root <Debbie.Root@canyoncounty.id.gov>

Sent: Tuesday, January 17, 2023 9:33 AM To: Zane Cradic <zcradic@to-engineers.com> Subject: RE: [External] RE: Please clarify...

Zane,

Can you confirm for me the actual # of residential and common lots so that I can get my legal notification prepared.

Thank You,

Deb Root, MBA **Canyon County Development Services** debbie.root@canyoncounty.id.gov 208-455-6034

**Development Services Department (DSD)** NEW public office hours Effective Jan. 3, 2023 Monday, Tuesday, Thursday and Friday 8am - 5pm Wednesday 1pm - 5pm

\*\*We will not be closed during lunch hour \*\*

From: Zane Cradic < <a href="mailto:czcradic@to-engineers.com">czcradic@to-engineers.com</a>>
Sent: Tuesday, January 17, 2023 8:38 AM

**To:** Debbie Root < Debbie.Root@canyoncounty.id.gov > Cc: Becky Yzaguirre < BYzaguirre@to-engineers.com >

Subject: RE: [External] RE: Please clarify...

Deb,

Thanks for getting us on the calendar. We will get those updated and back over to you. It will probably be later this week before I have the preliminary plat updated.



Zane Cradic, PE (ID)
Project Manager

O: 208.442.6300 | M: 602.456.ZANE

From: Debbie Root < Debbie.Root@canyoncounty.id.gov >

Sent: Tuesday, January 17, 2023 8:21 AM
To: Zane Cradic < zcradic@to-engineers.com >
Subject: RE: [External] RE: Please clarify...

Zane,

Thank you for the notes. I don't believe a meeting is necessary at this time but I need the correct residential and common lot count. My count of the residential lots is 420 versus the called out 425 and the common lot count is also off as indicated in my previous comments.

I have tentatively put this case on the calendar for March 16, 2023 with the Planning and Zoning Commission.

Deb Root, MBA
Canyon County Development Services
<a href="mailto:debbie.root@canyoncounty.id.gov">debbie.root@canyoncounty.id.gov</a>
208-455-6034

Development Services Department (DSD)
NEW <u>public</u> office hours
Effective Jan. 3, 2023
Monday, Tuesday, Thursday and Friday
8am - 5pm
Wednesday
1pm - 5pm
\*\*We will not be closed during lunch hour \*\*

From: Zane Cradic < <a href="mailto:czcradic@to-engineers.com">czcradic@to-engineers.com</a> Sent: Monday, January 16, 2023 11:45 AM

To: Debbie Root <Debbie.Root@canyoncounty.id.gov>

# **MASTER APPLICATION**

# **CANYON COUNTY DEVELOPMENT SERVICES DEPARTMENT**

111 North 11th Avenue, #140, Caldwell, ID 83605

www.canyonco.org/dsd.aspx Phone: 208-454-7458 Fax: 208-454-6633



OWNER NAME: NAME:			
OWNER TEATURE. MIC	dleton 187, LLC		
PROPERTY MAILING ADDRESS: OWNER	PO Box 140298	Boise, ID 83714	}
PHONE: (208) 94	-8607 EMAIL:	pm.tccinc@gmail.co	m
I consent to this application and allow DSD sta	Commissioners to enter the pruments, including those that indicate	operty for site inspections. If own	ner(s) are a business entity,
Signature:		Date:	15/25/01
(AGENT) CONTACT NAME: -	A <del>les Egurrola</del> Be	cky zaquir	re Zane Cri
ARCHITECT COMPANY NAME:	T-O Engineers	100	
BUILDER MAILING ADDRESS:	332 N. Broadmore W	ay Nampa,ID	83687
PHONE: (208) 442	-6300 EMAIL:	aegurrola@to-engine	ers.com
STREET ADDRESS:	3	Laguire	70-Engine
P2750	00000, R3760500000,	Cradico-	TO-Enginee
R37602	01000, R3760501000	LOT SIZE/AREA: +/- 21	7 acres
SITE INFO LOT: BLOC	K: SUBDIVIS	SION:	
QUARTER: North	1/2 SECTION: 33	TOWNSHIP: 5N	RANGE: 2W
ZONING DISTRICT:	AG FLO	ODZONE (YES/NO): NO	)
HEARINGCONDITIONAL US	COMP P	LAN AMENDMENT	CONDITIONAL REZONE
LEVEL ZONING AMENDA	IENT (REZONE)DEV. AGI	REEMENT MODIFICATION	VARIANCE > 33%
APPS MINOR REPLAT	VACATIO	N	APPEAL
SHORT PLAT SUBC	IVISION PRELIMINARY	PLAT SUBDIVISION	_FINAL PLAT SUBDIVISION
DIRECTORSADMINISTRATIVE	LAND DIVISIONE	ASEMENT REDUCTION	SIGN PERMIT
DECISION PROPERTY BOUND	ARY ADJUSTMENT	HOME BUSINESS	VARIANCE 33% >
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# **LAND USE WORKSHEET**

### **CANYON COUNTY DEVELOPMENT SERVICES DEPARTMENT**

111 North 11<sup>th</sup> Avenue, #140, Caldwell, ID 83605

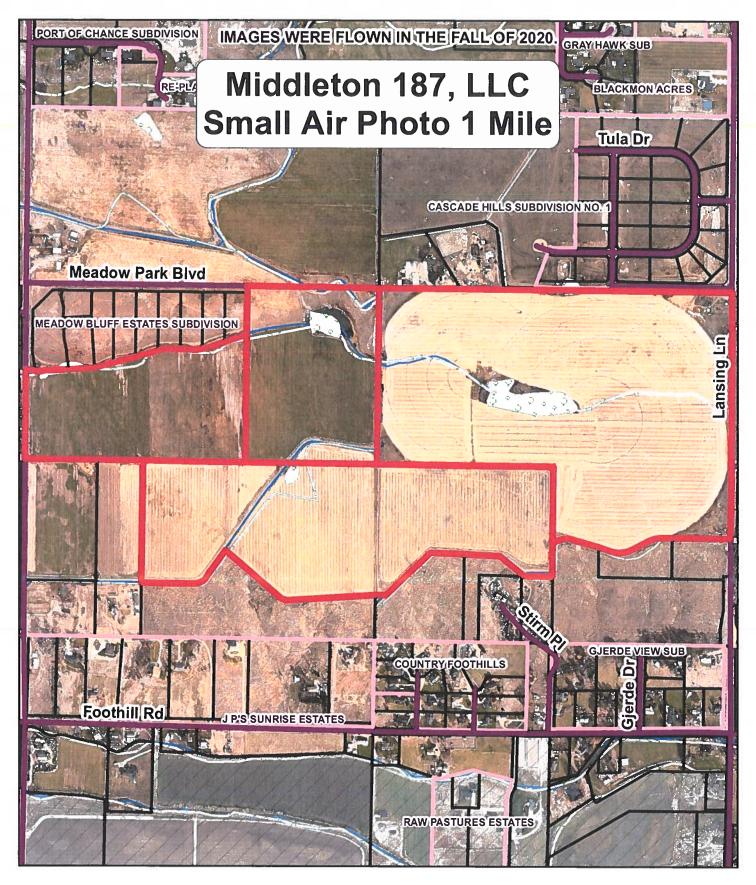
www.canyonco.org/dsd.aspx Phone: 208-454-7458 Fax: 208-454-6633



	Required for Conditional Use Permit, Comprehensive Plan and Zoning Ordinance Amendment Applications
PLEASE	CHECK ALL THAT APPLY TO YOUR REQUEST:
	GENERAL INFORMATION
1.	DOMESTIC WATER: ☐ Individual Domestic Well ☐ Centralized Public Water System ☐ City
	N/A - Explain why this is not applicable:
	How many Individual Domestic Wells are proposed?
2.	SEWER (Wastewater) □ Individual Septic
3.	IRRIGATION WATER PROVIDED VIA:  Surface  Irrigation Well  None
4.	IF IRRIGATED, PROPOSED IRRIGATION:  ✓ Pressurized □ Gravity
5.	ACCESS:  Frontage   Easement widthInst. #
6.	INTERNAL ROADS:  Public
7.	FENCING Fencing will be provided (Please show location on site plan)  Type: Vinyl, wrought-iron Height: 6'
8.	STORMWATER: Retained on site Swales Ponds Borrow Ditches  Other:
9.	SOURCES OF SURFACE WATER ON OR NEARBY PROPERTY: (i.e. creeks, ditches, canals, lake)  C-Line Canal East, Willow Creek Pump Lateral, 2 unnamed ponds, existing concrete drains & ditches See Sheets C1.00 & C1.01 of Preliminary Plat

	RESIDENTIAL USES
1.	NUMBER OF LOTS REQUESTED:
	Residential 420 421   Commercial Industrial
	Common <u>56</u> 7
2.	FIRE SUPPRESSION:
	Water supply source: Hydrants
3.	INCLUDED IN YOUR PROPOSED PLAN?
	Sidewalks Curbs Gutters Street Lights  None
	N/A NON-RESIDENTIAL USES
1.	SPECIFIC USE:
2.	DAYS AND HOURS OF OPERATION:
	□ Monday to
	□ Tuesday to
	□ Wednesday to
	□ Thursday to
	□ Friday to
	□ Saturday to
	□ Sunday to
3.	WILL YOU HAVE EMPLOYEES?   Yes If so, how many?   No
4.	WILL YOU HAVE A SIGN? ☐ Yes ☐ No ☐ Lighted ☐ Non-Lighted
	Height: ft Width: ft. Height above ground: ft
	What type of sign:Wall Freestanding Other
	5. PARKING AND LOADING: How many parking spaces?
	Is there is a loading or unloading area?

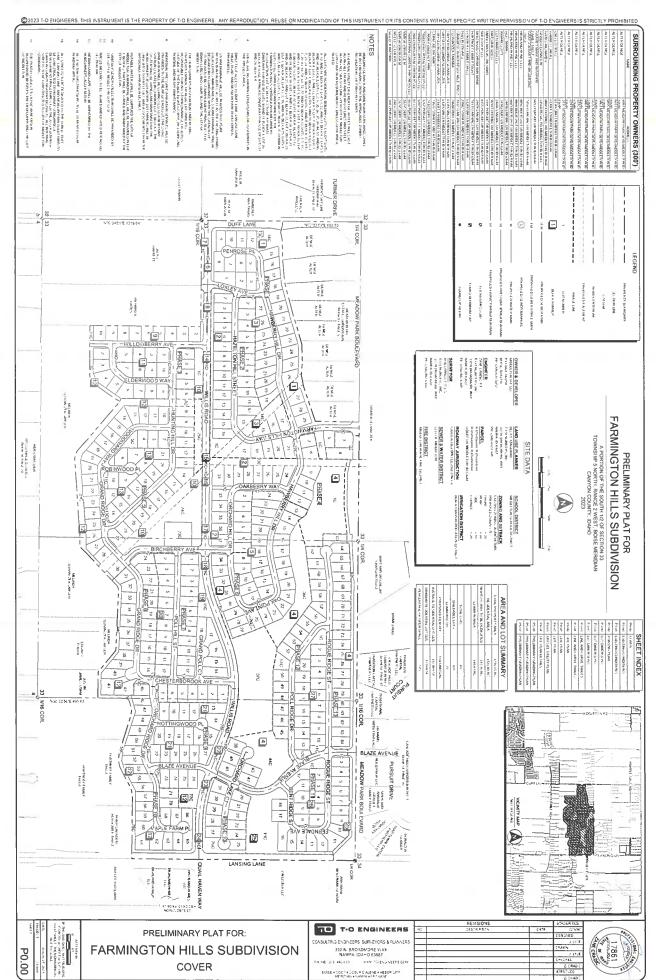
	N/A ANIMAL CARE RELATED USES
1.	MAXIMUM NUMBER OF ANIMALS:
2.	HOW WILL ANIMALS BE HOUSED AT THE LOCATION?
	☐ Building ☐ Kennel ☐ Individual Housing ☐ Other
3.	HOW DO YOU PROPOSE TO MITIGATE NOISE?
	□ Building □ Enclosure □ Barrier/Berm □ Bark Collars
4.	ANIMAL WASTE DISPOSAL
	☐ Individual Domestic Septic System ☐ Animal Waste Only Septic System
	□ Other:

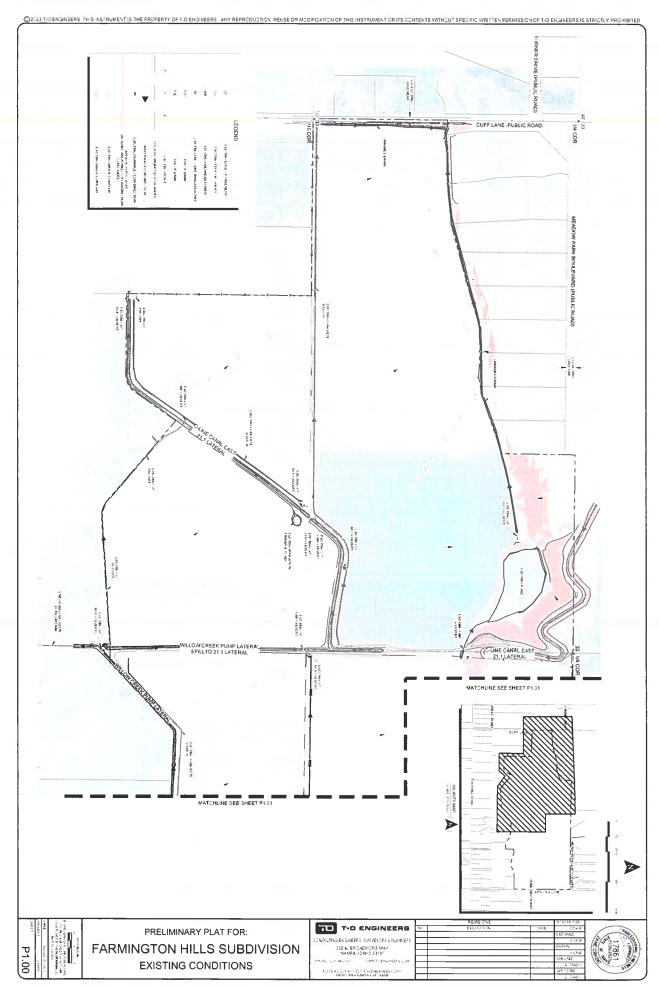




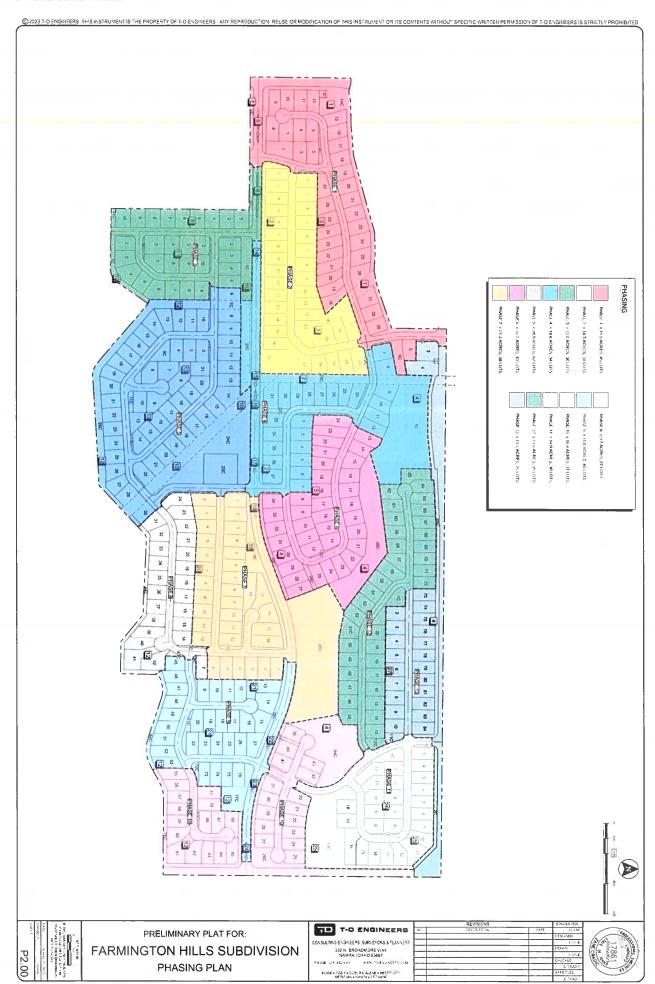
City\_Limits
Wetlands

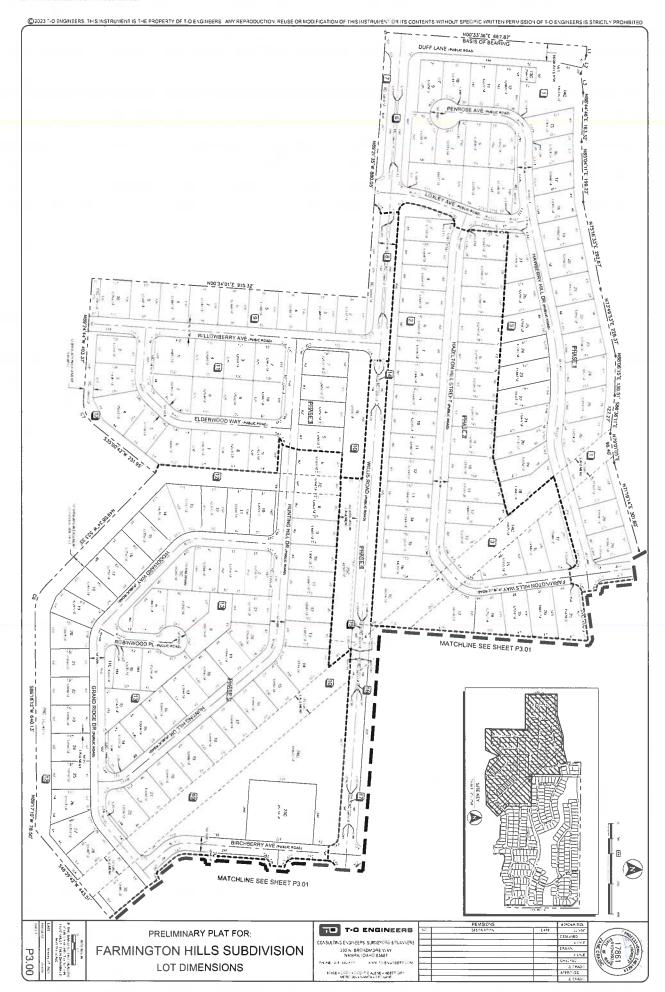
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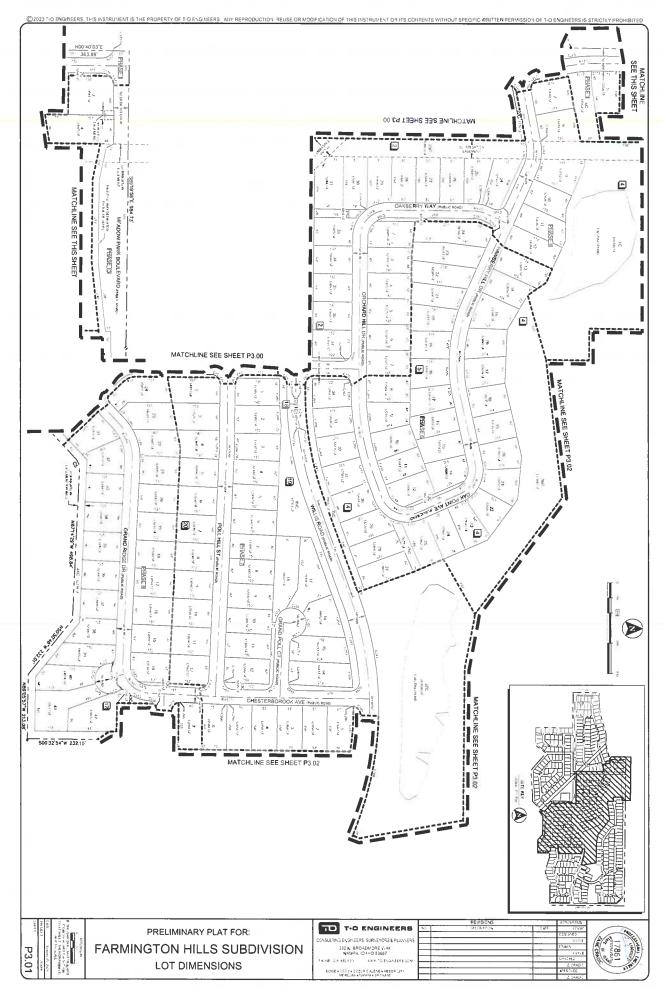


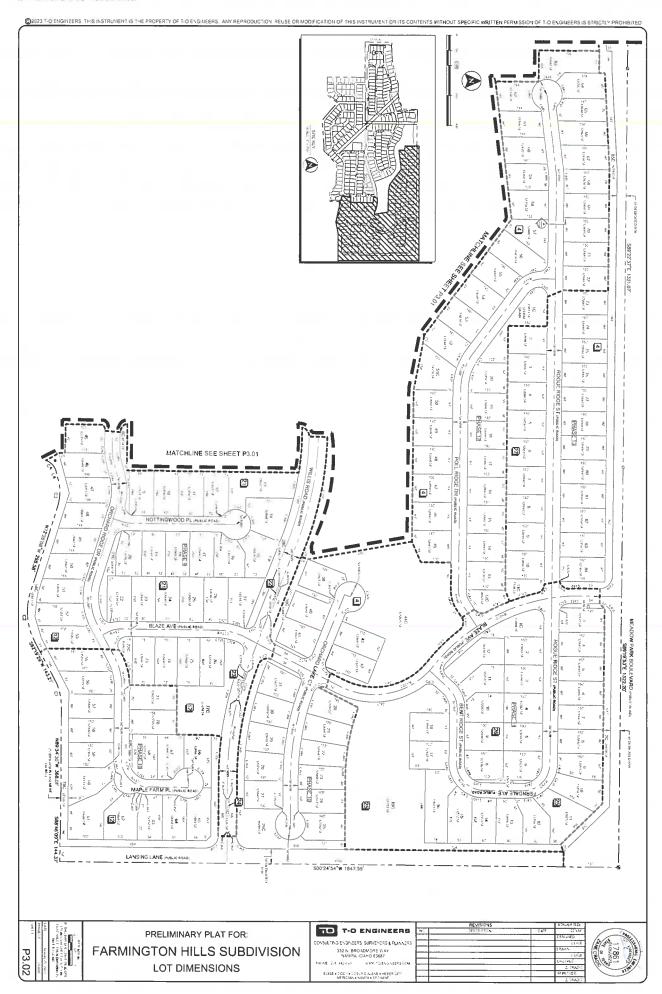












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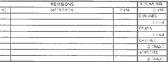
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Case	COMP   CAMPA   TABLE	CAMP   MARCA   CAMPA   MARCA   CAMPA   CAMPA

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PRELIMINARY PLAT FOR: FARMINGTON HILLS SUBDIVISION LINE AND CURVE TABLES









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C451	50.00	44,68	85.18.32°	S13'55'38'W	40 66
2432	30.00	44,55	CC.01.CB	MQ0,44,47_M	40 86
0433	65.00	35.62*	34'07'70"	573'36'35"W	36 05
0434	115 00	W 32'	34'02'70"	573'36'35"W	67.52"
6435	225 00"	/166	1874"53"	M_AB_11.0RN	71.36
C430	275 00"	70 83	10,05,15,	MP2.00.10,M	70 54
E437	175 00	v4 30	30,25,20	M,20,75,1N	93 16°
C436	175 00	16.53	374.73	R055747729798	16.34
C439	115.00	37 22"	18:32:29"	Marcharlen	37.05
C440	115 00	20.79	29'47'17"	M19:53'02"W	36 12
C441	05.00	34 98	30.40.24	N37'40'12"W	34.56
C442	30 00	59.11	1125239	N/4/11/16/1/	.00 00.
C443	30.00	44.50	84'36'51"	M4.02,43,8	40.39
0444	175.00	22 45	1.20,36	W./11/5,005	27.43
C#45	275 00"	28.86	1.20.7	NS0.27,17,5	28.84
0446	20 00"	17.45	49759'41"	#, PC, 91, PC	F6 90"
C44/	50.00"	98 94"	11372733	S89'58'24"W	83.57

*******	114 RF	W96 00'	0367
0.05,18,	94 66	061 00	C386
61,20.9	66,00	816 00'	CSes
5'41'24"	86.00	866.00	CS84
5'41'24"	25.91	296,00	CJBS
57730	63.00	661.00	C.382
34,40,5	71,54"	615.00	CJBI
43175	57.89	866 00"	C,380
2.01.54	8/ 32"	996 00"	C379
48'41'05"	25 49	30 00'	C378
4871725	25.25	30 00'	C377
31 30'05"	15 67	30.00	E376
61,90,25	27.30	30.00	C375
497776	25.81	30.00	£3/4
467471	24 21	30.00	C373
RUBELLA	2611	30 00'	C372
34"30"15"	1807	70 00.	C371
10,000.01	24.11	20 00'	0370
1937778	100 82"	50 00	C369
7774725	67.35	50.00	C368
DLLIA	ПИСТИ	HADRUS	CUMM
	CIM DLLIA	+	Писти

		CUR	CUR <b>VE</b> TABLE		
CUHVI	HADIUS	LINGTH	DILTA	Distance (III)	CHOHO
C448	50.00	00,00	6875187	N1.02,20.1	36.46
C449	50 00'	60 00'	81,54.99	MO9"47"37"E"	36.467
C450	50.00	25.40	, P1.90,02	36176'37"E	25 (3"
C451	20.00	1745	49'59'41"	571'43'71'E	16 20'
C452	845,00	47.79	3'48'03"	M1.19.24.M	47.78
C453	393.00'	47 73"	4'32'54"	3,02,90.15	47.27
0454	40 00'	67 83	.00,00,00	944395578	36.37
2455	40 00:	62 B3	00'00'00"	545'60'07'W 54.57'	10.00

CNAM	KADIUS	LUNGIN	AITIO	200	
COOR		There is not a	I	Or other Park	0
ľ	866 00	86.00	5'41'24"	NB1"50"32"W	gt. 96
CJgra	R15 00'	80 00"	9,000,000	3,542,42,47L	4E 96
C390	661 00	99 66	6.02,10.	MR2,42,42,M	63 63
CJWI	296 00	9/11	. cc 00.7	M.55,11,29N	87.08
C392	866 00'	75 74	200.72	W.CC.11.79W	75.71
CJVJ	816.00	42 24	7",1"58"	58872'53'E	42 24
C394	001.00	34 22"	227.26*	M9812'53"W	34 22"
CJOS	20.00	212	6103,246,	M,CC,65,99N	217
0390	20.00	15.35	4355'43"	NC1'40'03"W	14 %
C39/	.00 00.	160 41	185'49'12"	548(25'15"W	33 24
0396	50 00	83 92	96,10,11,	N88'25'37'E	14 41
CSVS	20 00'	17 45	49'59'41"	371/BLC9M	16 90
C400	225 00"	30'4 18"	78'44'00"	M1207.72,8	285 43°
C401	275 00'	306,96	63'57'15"	54'44'15'L	791.27
C402	645.00	150 96	1324.35	N44'47'37"W	10.61
C403	30.00	41.88	79'36'40"	M_OF.CO.CS	38.41
C404	30.00	75.82	4978749"	M,50,95.27N	25 03
0405	.00 OC	20 69	39"30"36"	"02.78,09.m.	20 28
C408	115 00'	15 90'	15526	240,21,33,8	15.89
0407	,00 G11	,00 00,	24.52.M.	M_PO,191,095	28.32

_	۰	_	_	_		_		_	-	-	-		_	-				_	_	_	,
C426	245	C424	0423	C422	C431	C420	C419	C418	C417	Cale	C415	C414	Cars	C417	C4H	C410	C4DW	C408	COMM		
70 00.	20 00.	30.00	30.00	30.00	115.00	115 00"	115 00	115 00	65 00'	03.00	65.00	85.00	115 00'	115 00'	115 00'	115 00	92.00	115.00	RADHE.		
40 21	0 21	42,74	26.66	17.88	27.60	60 00'	00 00	32 82"	15 44	36.55	36.5.5	05.09	37.10	60 00	60 00'	22 HF	24 14	19 96	LINGIH	e e	
MANY	12/02/46	81'42'55"	21'18'20"	34'88'46"	13'45'06"	29.27,36,	29'53'36"	16'21'10"	57'41'14"	37'17'15"	321715	5/54'16"	1855537*	793,3'36"	29'53'36"	33.23,41,4	47'46'17"	3,21,75,6	DELTA	CURVE TABLE	
1775,95,055	N64'36'22'L	N3743'32'L	176,10,625	1,00.51275	3.02,1,2,20,5	3,00,37,20,5	530'44'72"E	37'36'50"L	3,91,62,075	3,11,25,515	710.39'44"W	561'45'00"W	\$10'01'25"W	\$34'26'02"w	26479736"W	584"46"17"W	A. F.C. 00. 90°C	M_00,18,585	BLARNG		
37 76	8	39 25	25 98	17.62	2704	59 32"	50 32	32 /1"	62.71	36 06	36.06	62 93	37 82"	39 32	39 32	22 85	32 64	10.35	CHOHD		

	LINE TABLE	E
ž	DINNEY TH	DINTER
Ξ	3,11,05,695	30.10
5	200,92,92	1.3 06
ī,	MAN12"52"E	6.3.39
2	1,50,00,57M	30 57

ATTENDADE

PRELIMINARY PLAT FOR:
FARMINGTON HILLS SUBDIVISION
LINE AND CURVE TABLES

COSSATTS ENGINEERS SURFEITORS & PLANTAIL

137 N. BRODDWORE WAY
NAMED LOAD ESTEED

FRAME OF ALCENS OF STANDARD SERVICES

ESSENCE OF STANDARD SERVICES

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	REVISIONS		BOKDER SIZE
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