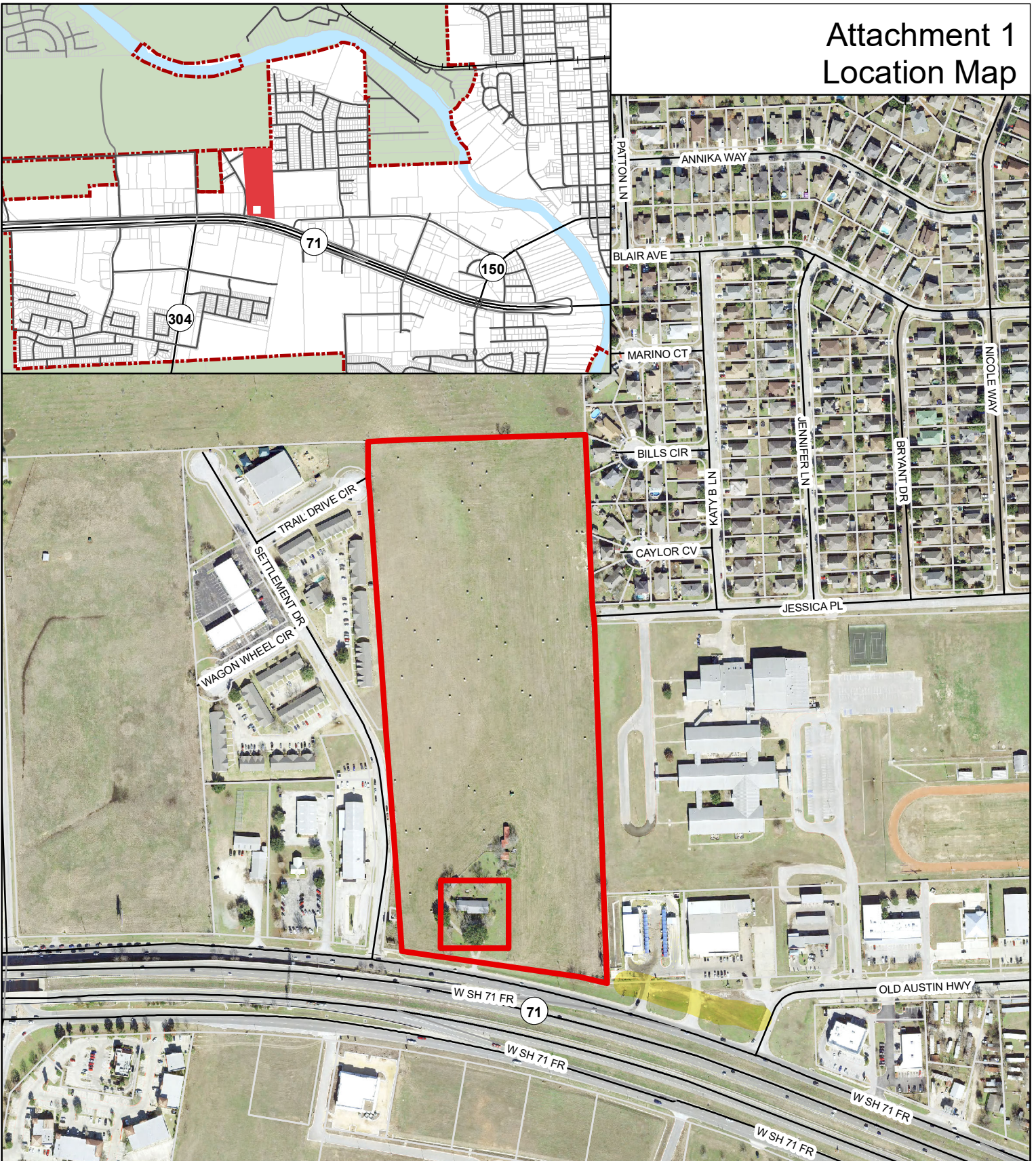
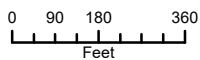


Attachment 1 Location Map



Reed Ranch Property Location Map



1 inch = 400 feet



Date: 8/17/2023

The accuracy and precision of this cartographic data is limited and should be used for information /planning purposes only. This data does not replace surveys conducted by registered Texas land surveyors nor does it constitute an "official" verification of zoning, land use classification, or other classification set forth in local, state, or federal regulatory processes. The City of Bastrop, nor any of its employees, do not make any warranty of merchantability and fitness for particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any such information, nor does it represent that its use would not infringe upon privately owned rights.

ZONING CONCEPT PLANS FOR **REED RANCH** **615 SH 71 W** **BASTROP TX, 78602**

OWNER

ROSANKY, CHARLES G
FAMILY TRUST
615 HWY 71 W
BASTROP, TX 78602

DEVELOPER

HOLT LUNSFORD HOLDINGS
5950 BERKSHIRE LANE, SUITE 900
DALLAS, TX 75225

ARCHITECT

ARCHON CORPORATION
210 N. PARK BLVD, SUITE 100
GRAPEVINE, TX 76051

ENGINEER

HOLLIS SCHEFFLER, P.E.
8701 N. MOPAC EXPY, SUITE 320
AUSTIN, TEXAS 78759
PHONE: (512) 485-0831

SURVEYOR

MICHAEL JACK NEEDHAM
8701 N. MOPAC EXPY, SUITE 320
AUSTIN, TEXAS 78759
PHONE: (512) 485-0831



LEGAL DESCRIPTION:

A98 BLAKEY, NANCY, ACRES 23.0400



VICINITY MAP
(1"=2000')

PROJECT ZONING: P-2

PROJECT ADDRESS: 615 SH 71 W

SUBMITTAL DATE: JULY 10, 2032

Sheet List Table	
Sheet Number	Sheet Title
1	COVER
2	PEDESTRIAN SHED
3	PD SITE PLAN
4	LOT AND BLOCK LAYOUT
5	EXISTING DRAINAGE AREA MAP
6	PROPOSED DRAINAGE AREA MAP
7	UTILITY PLAN 1 OF 2
8	UTILITY PLAN 2 OF 2

REVISIONS		BY
NO.	DATE	DESCRIPTION

REED RANCH
615 SH 71 W
BASTROP TX, 78602
COVER

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DATE: xx/xx/xxxx

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JDW	CAH	JULY 2023

SHEET NO.
1

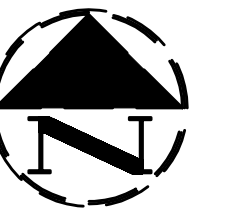
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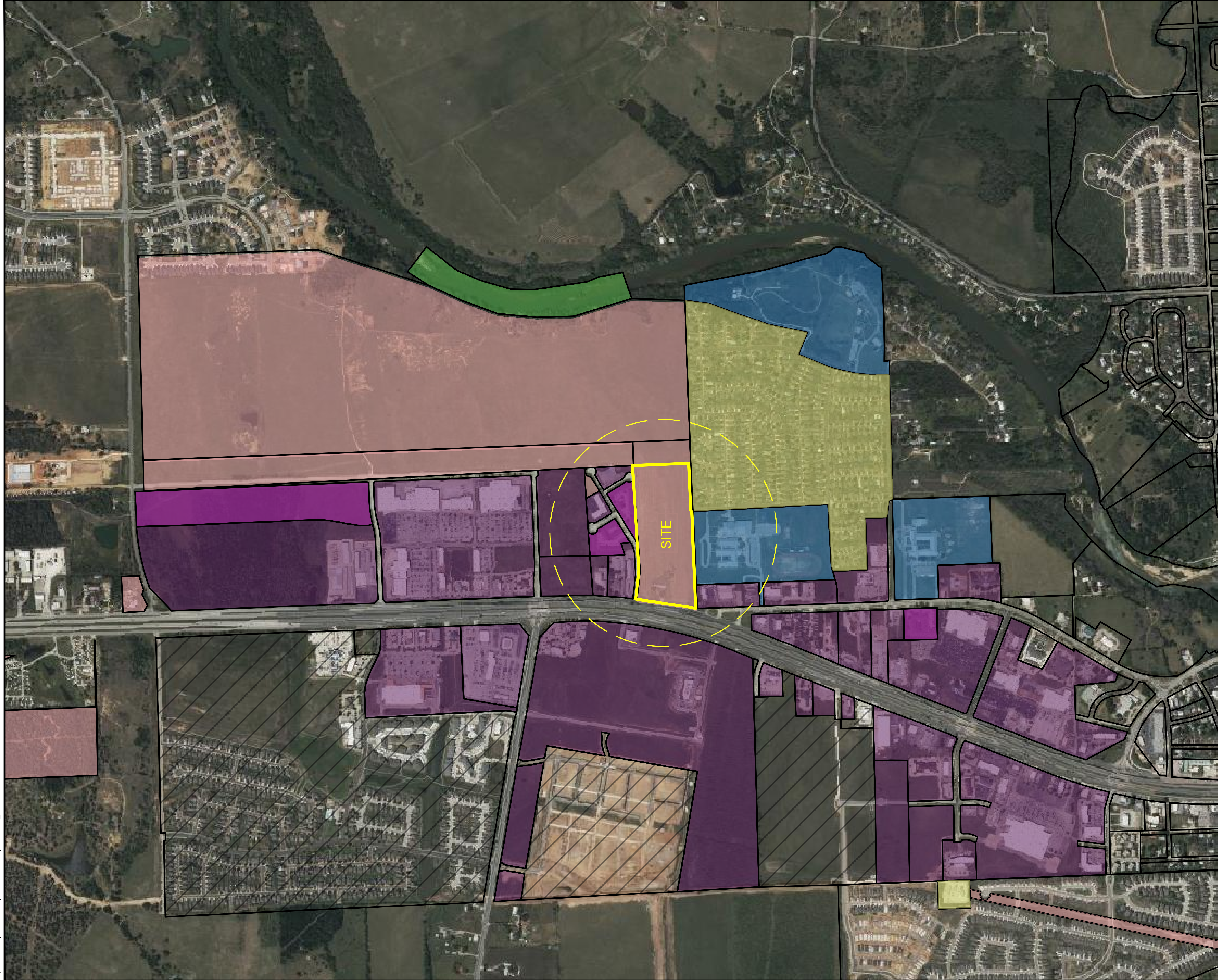
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0 250 500 1000 1500
GRAPHIC SCALE IN FEET



P2	P3	P4	CIVIC	P5	TOTAL
30.40%	12.35%	4.90%	14.68%	24.58%	86.91%

- PLANNED DEVELOPMENT
- NATURE
- CIVIC SPACE
- RURAL
- NEIGHBORHOOD
- MIX
- CORE

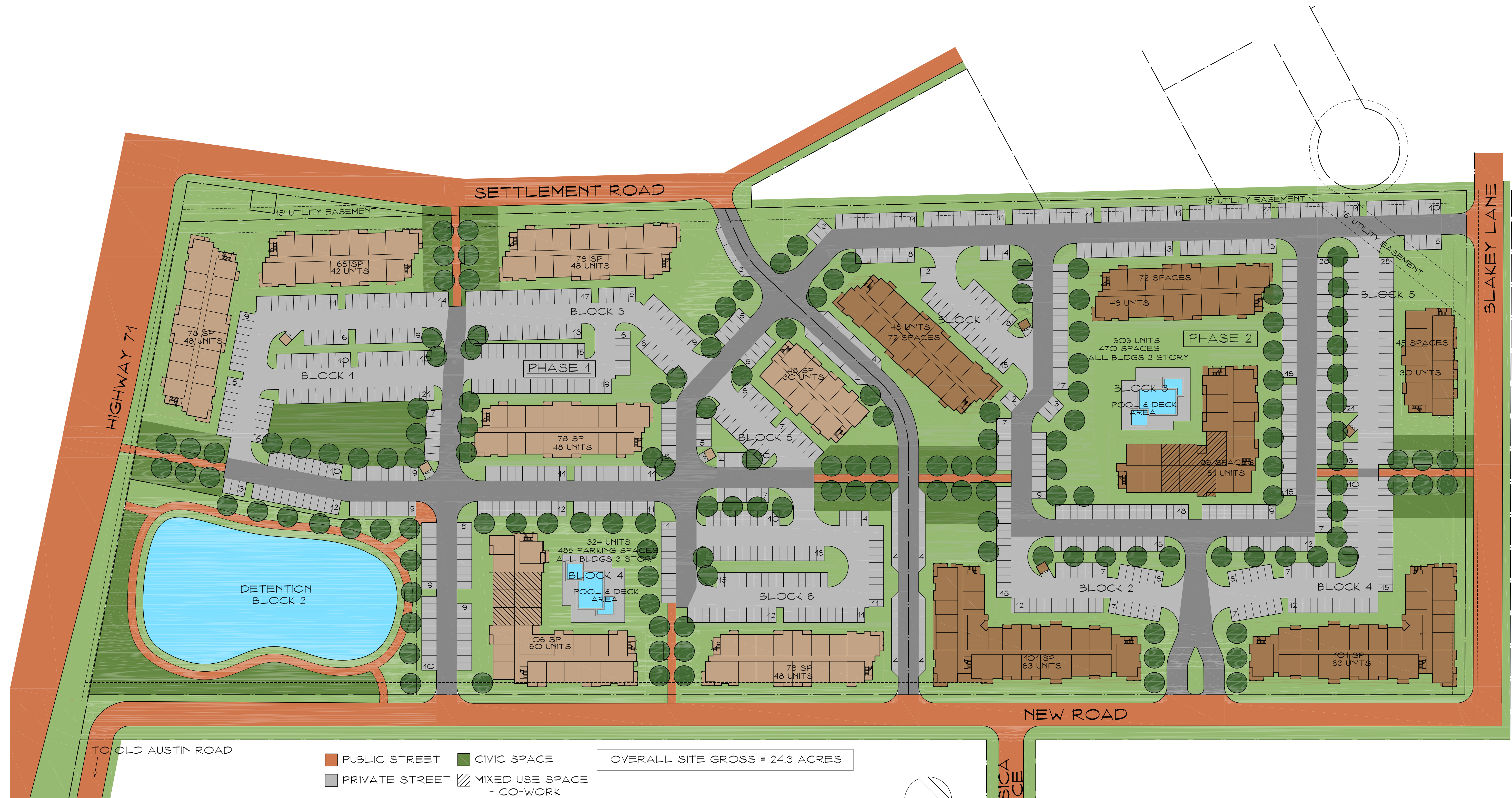
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PROPOSED PEDESTRIAN SHED (1/4 MILE)

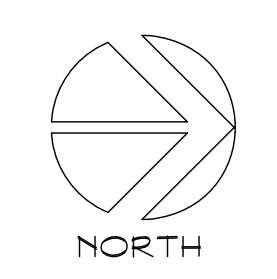
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NP	NP	5/31/2023	1"=500'			EXHB

NP0927
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- PUBLIC STREET
- CIVIC SPACE
- PRIVATE STREET
- MIXED USE SPACE
 - CO-WORK
 - FITNESS
 - POOL

OVERALL SITE GROSS = 24.3 ACRES



ARCHITECT:
 GARY G. WOOD #12202
 PRELIMINARY - NOT TO BE USED FOR
 REGULATORY APPROVAL, PERMITTING,
 OR CONSTRUCTION
 DATE: 10 JUL 23

COLORED CONCEPT PD SITE PLAN

PROJECT NAME: REED RANCH

ACERAGE: 24.3 A.

DATE: 10 JUL 23

SCALE: 1" = 60'-0"

ARCHON CORPORATION
 ARCHITECTS / PLANNERS
 210 NORTH PARK BLVD.
 SUITE 100 - GRAPEVINE, TX
 76051 214/526-0731



ARCHITECT:
 GARY G. WOOD #12202
 PRELIMINARY - NOT TO BE USED FOR
 REGULATORY APPROVAL, PERMITTING,
 OR CONSTRUCTION
 DATE: 10 JUL 23

PUBLIC STREET
 PRIVATE STREET



LOT/BLOCK PLAN

PROJECT NAME: REED RANCH

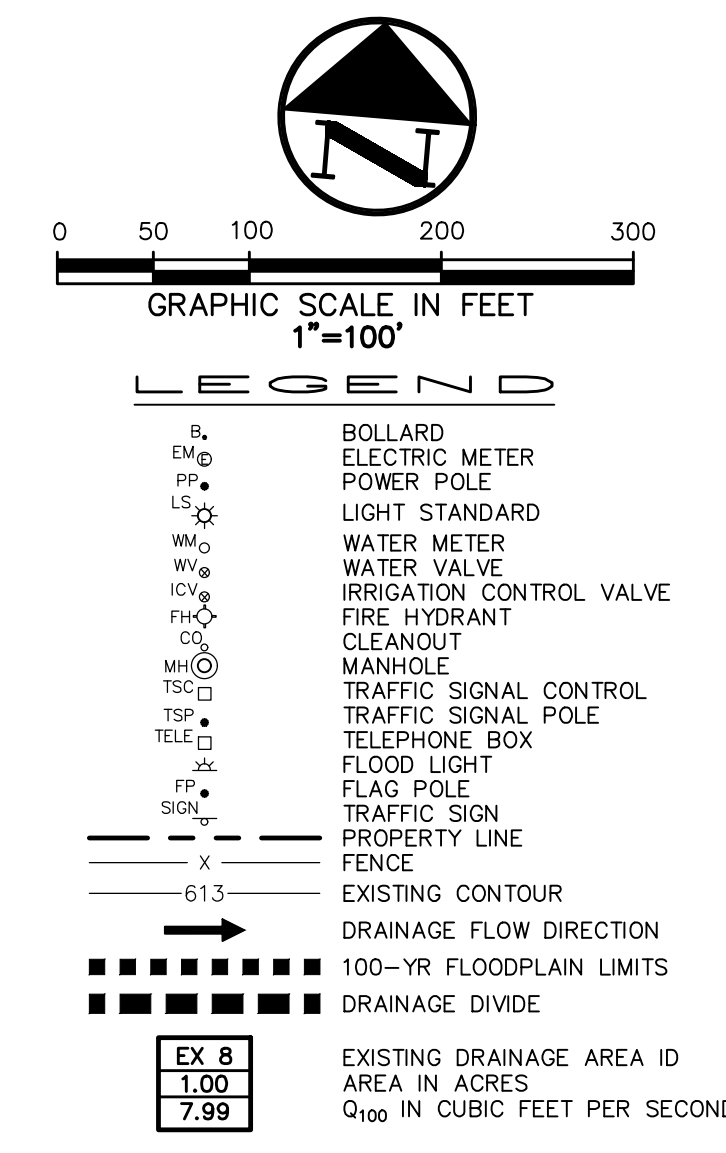
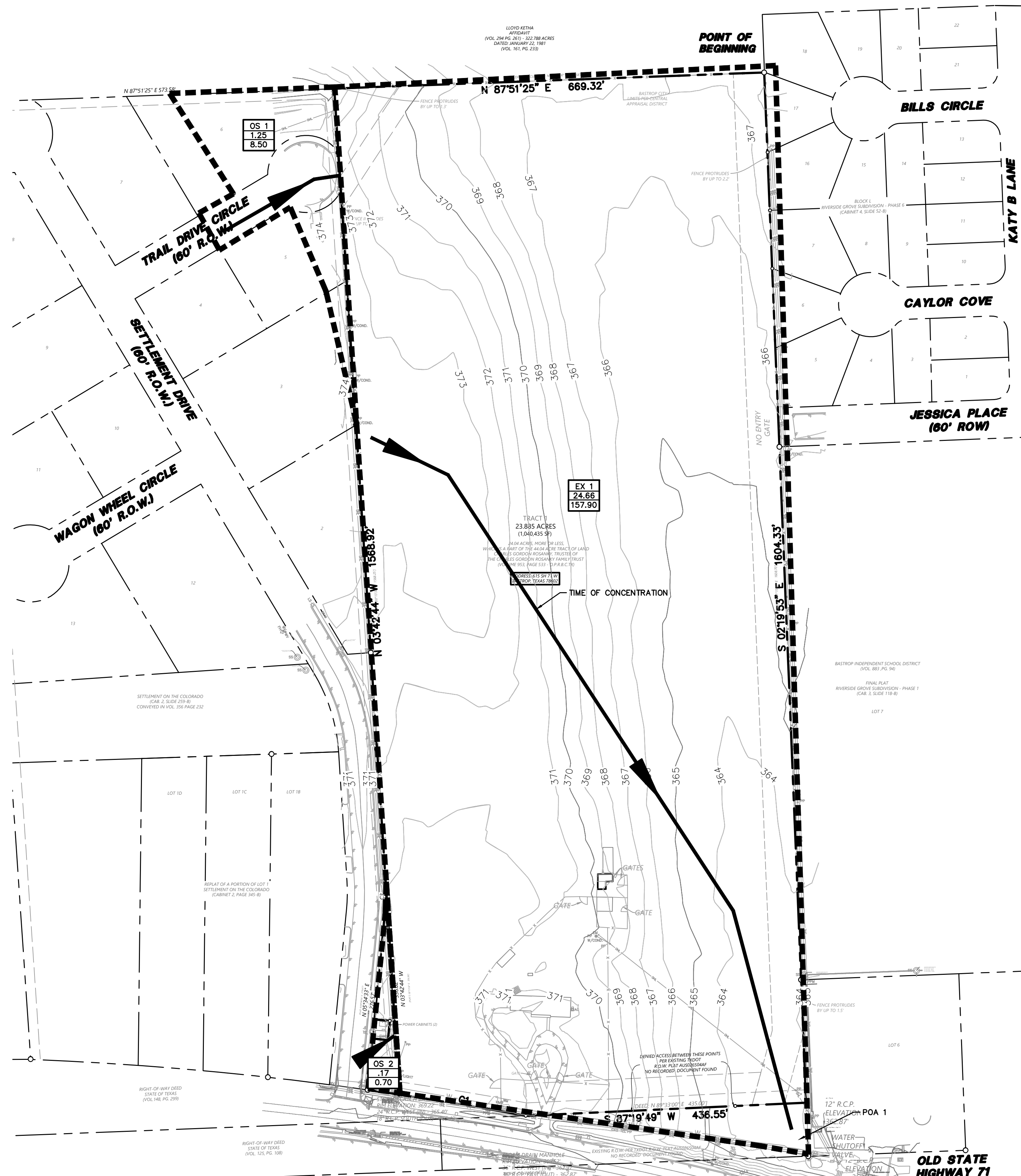
ACERAGE: 24.3 A.

DATE: 10 JUL 23

SCALE: 1" = 60'-0"

ARCHON CORPORATION
 ARCHITECTS / PLANNERS
 210 NORTH PARK BLVD.
 SUITE 100 - GRAPEVINE, TX
 76051 214/526-0731

JWHITTER
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SHEET FLOW										SHALLOW CONCENTRATED FLOW					CHANNEL FLOW						
DRAINAGE NUMBER	INLET NUMBER	AREA (acres)	Length (ft)	Slope (ft/ft)	Surface Cover	Velocity (ft/s)	Manning's n	T _{sheet} (min)	Length (ft)	Slope (ft/ft)	Surface Type	Velocity (ft/s)	K	T _{shallow} (min)	Length (ft)	Slope (ft/ft)	Type	K (ft)	Velocity (ft/s)	T _{channel} (min)	T _c (min)
OS 1	OS 1	1.25	50.00	0.01	SHORT GRASS PRAIRIE	0.07	0.15	11.88	150.00	0.01	UNPAVED	1.61	16.13	1.55	0.00	0.01	36" RCP	94.36	9.44	0.00	13.43
OS 2	OS 2	0.17	50.00	0.01	SHORT GRASS PRAIRIE	0.03	0.15	32.22	0.00	0.01	UNPAVED	1.61	16.13	0.00	0.00	0.01	36" RCP	94.36	9.44	0.00	32.22
EX 1	EX 1	24.66	50.00	0.01	SHORT GRASS PRAIRIE	0.31	0.15	2.67	990.00	0.03	UNPAVED	2.79	16.13	5.90	0.00	0.01	36" RCP	94.36	9.44	0.00	8.58

HEC-HMS SUMMARY: EXISTING CONDITIONS

Drainage Area Basin Designation	Drainage Area (ac)	Base Curve Number CN	Lag Time (min)	Impervious Cover %	2 YEAR STORM		10 YEAR STORM		25 YEAR STORM		100 YEAR STORM	
					Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)
OS 1	1.25	61	8.06	34.64%	2.50	5.50	6.10	8.50				
OS 1	1.25	61	19.33	0.00%	0.10	0.40	0.50	0.70				
EX 1	24.66	61	5.15	1.32%	27.40	86.20	103.80	157.90				
POA 1					27.40	86.20	103.80	157.90				

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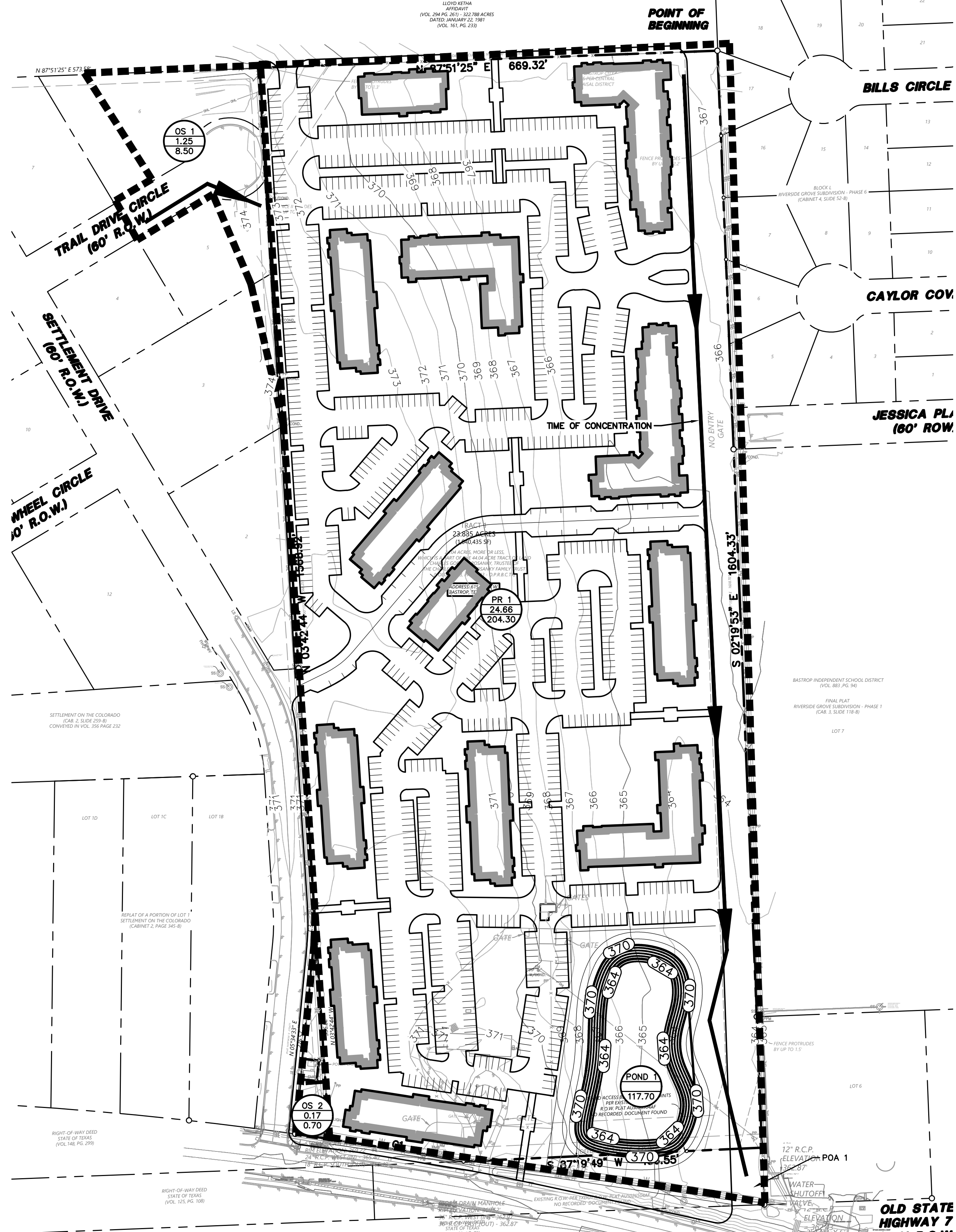
NO.	DATE	BY	DESCRIPTION

REED RANCH
615 SH 71 W
BASTROP TX, 78602
EXISTING DRAINAGE AREA MAP

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 PLANS PREPARED UNDER THE DIRECT
 REGISTRATION NO. 135049.
 DATE: 07/10/2023

DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023

SHEET NO. **5**



GRAPHIC SCALE IN FEET
1"=100'

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CL	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
TS	TRAFFIC SIGN
PL	PROPERTY LINE
FENCE	FENCE
613	EXISTING CONTOUR
450	PROPOSED CONTOUR
→	DRAINAGE FLOW DIRECTION
---	100-YR FLOODPLAIN LIMITS
---	DRAINAGE DIVIDE
U 8	PROPOSED DRAINAGE AREA ID
1.00	AREA IN ACRES
7.99	Q ₁₀₀ IN CUBIC FEET PER SECOND

DRAINAGE NUMBER	INLET NUMBER	AREA (acres)	SHEET FLOW					SHALLOW CONCENTRATED FLOW					CHANNEL FLOW								
			Length (ft)	Slope (ft/ft)	Surface Cover	Velocity (ft/s)	Manning's n	T _{sheet} (min)	Length (ft)	Slope (ft/ft)	Surface Type	Velocity (ft/s)	K	T _{shallow} (min)	Length (ft)	Slope (ft/ft)	Type	K (ft)	Velocity (ft/s)	T _{channel} (min)	T _c (min)
OS 1	OS 1	1.25	50.00	0.01	SHORT GRASS PRAIRIE	0.07	0.15	11.88	150.00	0.01	UNPAVED	1.61	16.13	1.55	0.00	0.01	36" RCP	94.36	9.44	0.00	13.43
OS 2	OS 2	0.17	50.00	0.01	SHORT GRASS PRAIRIE	0.03	0.15	32.22	0.00	0.01	UNPAVED	1.61	16.13	0.00	0.00	0.01	36" RCP	94.36	9.44	0.00	32.22
PR 1	PR 1	24.66	50.00	0.01	ASPHALT	1.87	0.02	0.45	990.00	0.03	PAVED	3.52	20.33	4.69	0.00	0.01	36" RCP	94.36	9.44	0.00	5.13

HEC-HMS SUMMARY: DEVELOPED CONDITIONS													
Drainage Area Basin Designation	Drainage Area (ac)	Base Curve Number CN	Lag Time (min)	Cumulative Area (ac)	Impervious Cover %	2 YEAR STORM		10 YEAR STORM		25 YEAR STORM		100 YEAR STORM	
						Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)
OS1	1.25	61	8.06	34.64		2.50		5.50		6.10		8.50	
OS2	0.17	61	19.33	0.00		0.10		0.40		0.50		0.70	
PR 1	24.66	61	3.08	62.90		78.00		149.00		155.70		204.30	
POND 1						27.20		27.20		82.50		82.50	
POA 1						27.20		82.50		91.00		117.70	

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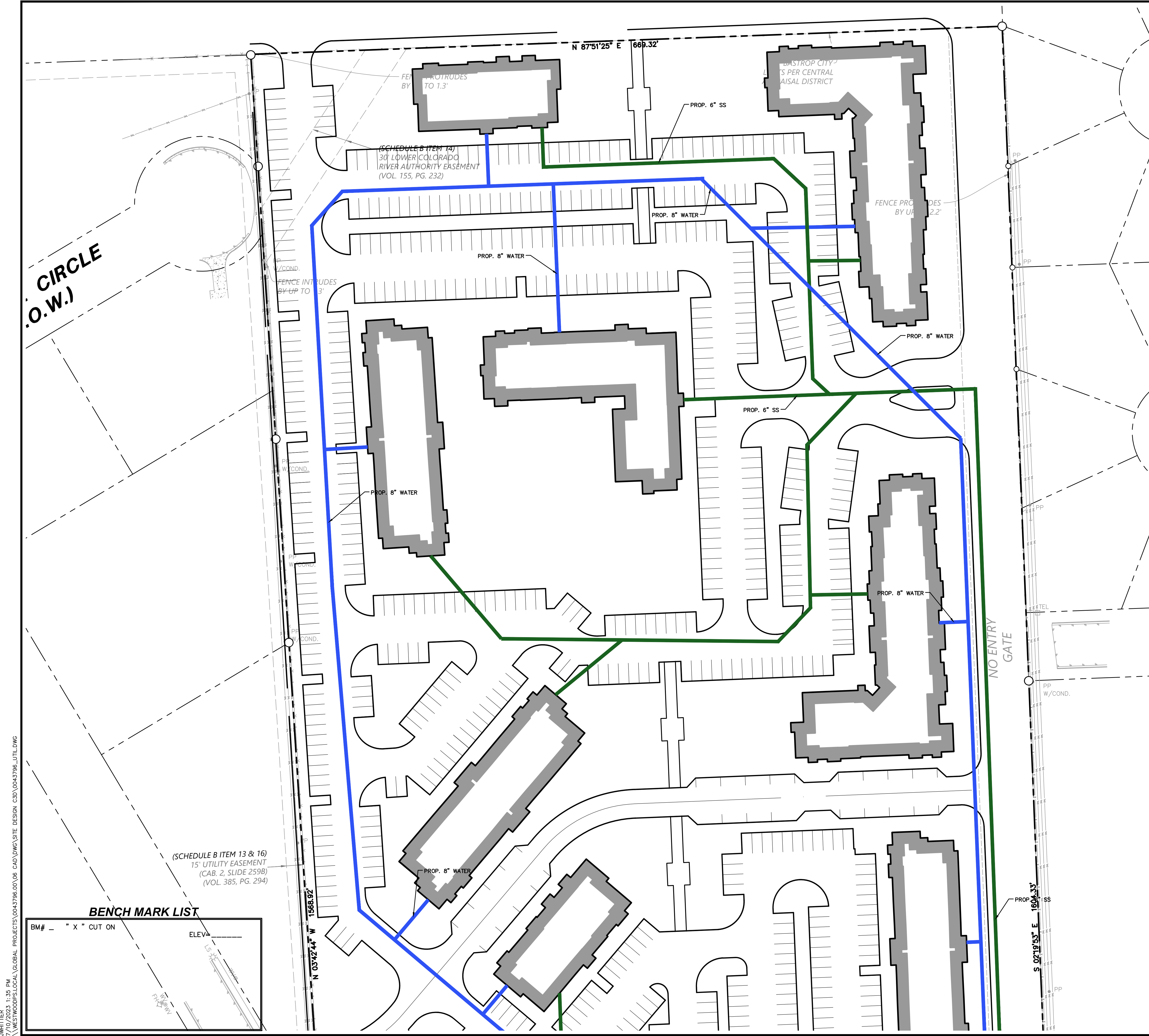
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NO.	DESCRIPTION

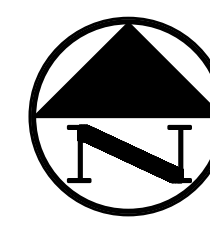
REED RANCH
615 SH 71 W
BASTROP TX, 78602
PROPOSED DRAINAGE AREA MAP

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 PLANS PREPARED UNDER THE DIRECT
 SUPERVISION AND SEAL OF REGISTERED PROFESSIONAL ENGINEER, P.E. TEXAS
 REGISTRATION NO. 13580-06.
 DATE: 07/10/2023

DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023

SHEET NO. **6**





 GRAPHIC SCALE IN FEET
 1"=40'
LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CL	CLEANOUT
CO	MANHOLE
MH	TRAFFIC SIGNAL CONTROL
TSC	TRAFFIC SIGNAL POLE
TP	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
TS	TRAFFIC SIGN
IR	1/2-INCH IRON ROD
IRS	W/"PACHECO KOCH" CAP SET
(C.M.)	CONTROLLING MONUMENT
X	PROPERTY LINE
DHL	OVERHEAD UTILITY LINE
U	UNDERGROUND ELECTRIC LINE
T	UNDERGROUND TELEPHONE LINE
C	UNDERGROUND CABLE LINE
6"W	UNDERGROUND WATER LINE
6"SS	UNDERGROUND SANITARY SEWER LINE
PP	PROP. FDC LOCATION
PP	PROP. WATER VALVE
PP	PROP. FIRE HYDRANT
PP	PROP. WATER LINE W/ BEND
PP	PROP. SANITARY SEWER LINE
PP	PROP. SANITARY SEWER MANHOLE
PP	PROP. SANITARY SEWER CLEANOUT

- WATER & SANITARY SEWER GENERAL NOTES**
- ALL CONCRETE SHALL BE CLASS "A" (3000 PSI), UNLESS OTHERWISE NOTED.
 - ALL WATER MAINS SHALL BE PVC C900, DR 18, CLASS 215, FIRE PROTECTION SERVICES SHALL BE PVC C900, DR 14, CLASS 305 AND INSTALLED IN ACCORDANCE WITH THE DESIGN AND SPECIFICATIONS OF THE FIRE PROTECTION PLANS TO BE PREPARED BY A LICENSED FIRE PROTECTION CONTRACTOR.
 - WATER AND SANITARY SEWER SERVICES SHALL MEET PLUMBING CODE REQUIREMENTS.
 - ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 48 INCHES BELOW IMPROVED FINISHED GRADE, UNLESS OTHERWISE NOTED.
 - SANITARY SEWER PIPE SHALL BE PVC SDR-35.
 - WHEN WATER AND SANITARY SEWER MAINS, SERVICES, AND LATERALS ARE INSTALLED, THEY SHALL BE INSTALLED NO CLOSER TO EACH OTHER THAN NINE FEET IN ALL DIRECTIONS AND PARALLEL LINES MUST BE INSTALLED IN SEPARATE TRENCHES. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, THE FOLLOWING TCEQ CHAPTERS SHALL APPLY:
 - TCEQ CHAPTER 217.53 PIPE DESIGN, SECTION (d) SEPARATION DISTANCES.
 - TCEQ CHAPTER 290.44 WATER DISTRIBUTION, SECTION (e) LOCATION OF WATERLINES.
 - CONTRACTOR TO VERIFY ALL EXISTING SEWER FLOW LINES BEFORE BEGINNING CONSTRUCTION.
 - CONTRACTOR SHALL TIE A ONE INCH WIDE PIECE OF RED PLASTIC FLAGGING TO THE END OF SEWER SERVICE AND SHALL LEAVE A MINIMUM OF 36 INCHES OF FLAGGING EXPOSED AFTER BACKFILL. AFTER CURB AND PAVING IS COMPLETED, CONTRACTOR SHALL MARK THE LOCATION OF THE SEWER SERVICE ON THE CURB OR ALLEY IN ACCORDANCE WITH THE STANDARD CITY SPECIFICATIONS.
 - ALL SANITARY SEWER LINES SHALL BE TESTED IN ACCORDANCE WITH THE STANDARD CITY SPECIFICATIONS.
 - THE UTILITY CONTRACTOR SHALL INSTALL THE WATER SERVICES TO A POINT TWO FEET BACK OF THE CURB LINE AT A DEPTH OF 12 INCHES. THE METER BOX SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AFTER THE PAVING CONTRACTOR HAS COMPLETED THE FINE GRADING BEHIND THE BACK OF THE CURB. EACH SERVICE LOCATION SHALL BE MARKED ON THE CURB WITH A BLUE LETTER "W" BY THE UTILITY CONTRACTOR AND TIED TO PROPERTY CORNERS ON THE "RECORD DRAWINGS."
 - ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS.
 - TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.2 AND SHALL BE MECHANICALLY COMPACTED IN 6-INCH LIFTS TO THE TOP OF SUBGRADE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - EMBEDMENT SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - VALVE BOXES SHALL BE FURNISHED AND SET ON EACH GATE VALVE. AFTER THE FINAL CLEAN-UP AND ALIGNMENT HAS BEEN COMPLETED, THE UTILITY CONTRACTOR SHALL POUR A 24"x24"x6" CONCRETE BLOCK AROUND ALL VALVE BOX TOPS LEVEL WITH THE FINISHED GRADE.
 - CONTRACTOR SHALL RECONNECT ALL EXISTING SERVICES AND MAINTAIN EXISTING SERVICES THROUGHOUT CONSTRUCTION.
 - IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTOR'S EXPENSE.

BENCH MARK LIST

BM#	" X " CUT ON	ELEV.
1568.82	N 03°42'44" W	1568.82
1604.33	S 02°19'53" E	1604.33



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 Toll Free (866) 937-5150 Austin, TX 78759
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 TBPB FIRM REGISTRATION NO. LS-100080-00

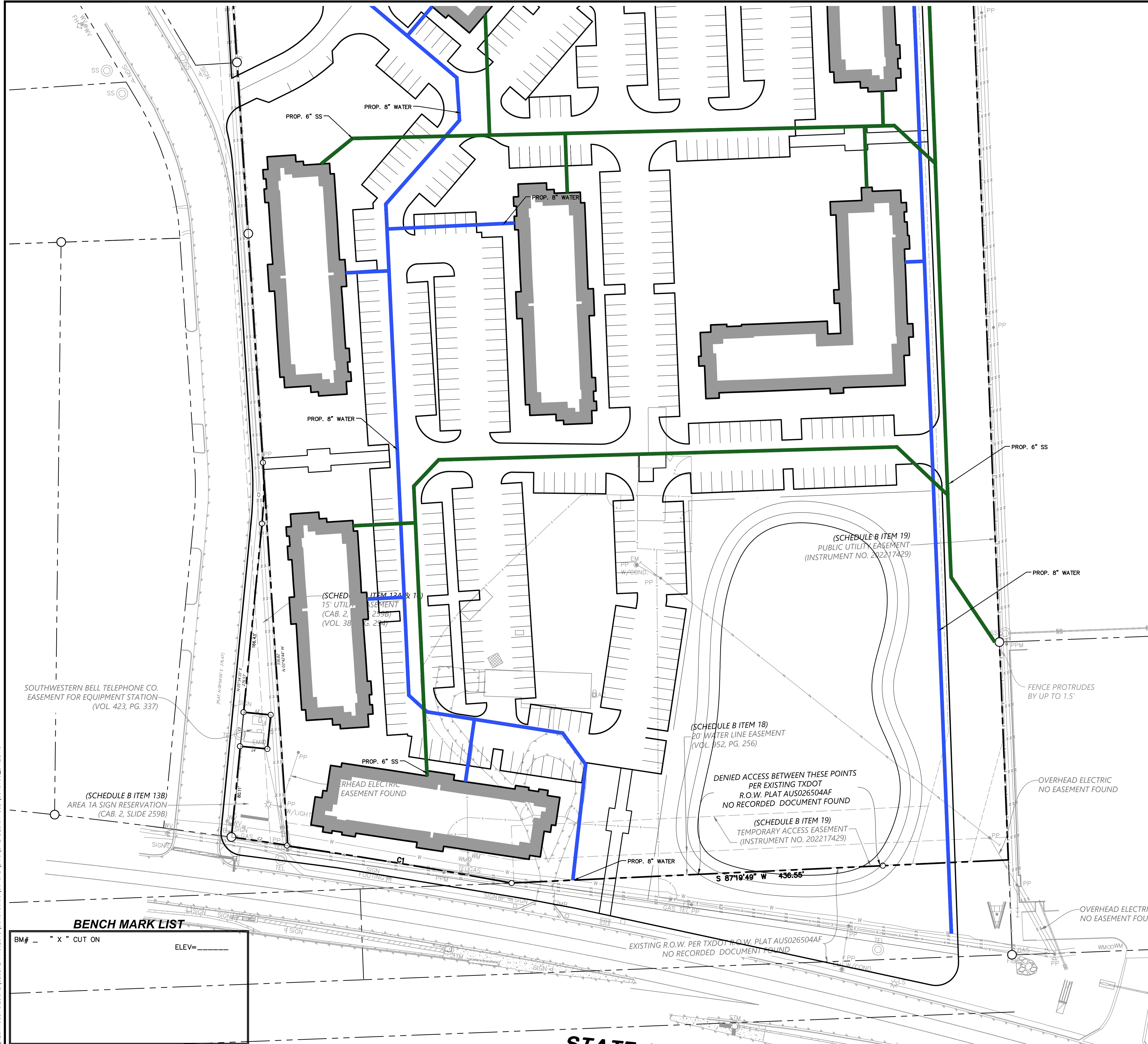
REVISIONS	
NO.	DESCRIPTION

REED RANCH
615 SH 71 W
BASTROP TX, 78602

UTILITY PLAN 1 OF 2

DESIGN	DRAWN	DATE
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SHEET NO. 7		
7 OF 8		

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0 20 40 80 120
GRAPHIC SCALE IN FEET
1"=40'

LEGEND

EM	BOLLARD
PP	ELECTRIC METER
LS	POWER POLE
LS*	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FM	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
TR	TRAFFIC SIGN
IR	1/2-INCH IRON ROD
IRS	W/"PACHCO KOCH" CAP SET
(C.M.)	CONTROLLING MONUMENT
---	PROPERTY LINE
X	FENCE
DHL	OVERHEAD UTILITY LINE
---	UNDERGROUND ELECTRIC LINE
-T-	UNDERGROUND TELEPHONE LINE
---	UNDERGROUND CABLE LINE
---	UNDERGROUND WATER LINE
6"W	UNDERGROUND SANITARY SEWER LINE
6"SS	PROP. FDC LOCATION
+	PROP. WATER VALVE
+	PROP. FIRE HYDRANT
+	PROP. WATER LINE W/ BEND
+	PROP. SANITARY SEWER LINE
+	PROP. SANITARY SEWER MANHOLE
+	PROP. SANITARY SEWER CLEANOUT

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 - ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS.
 - TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.2 AND SHALL BE MECHANICALLY COMPACTED IN 6-INCH LIFTS TO THE TOP OF SUBGRADE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - EMBEDMENT SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - VALVE BOXES SHALL BE FURNISHED AND SET ON EACH GATE VALVE. AFTER THE FINAL CLEAN-UP AND ALIGNMENT HAS BEEN COMPLETED, THE UTILITY CONTRACTOR SHALL POUR A 24"x24"x6" CONCRETE BLOCK AROUND ALL VALVE BOX TOPS LEVEL WITH THE FINISHED GRADE.
 - CONTRACTOR SHALL RECONNECT ALL EXISTING SERVICES AND MAINTAIN EXISTING SERVICES THROUGHOUT CONSTRUCTION.
 - IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTOR'S EXPENSE.

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

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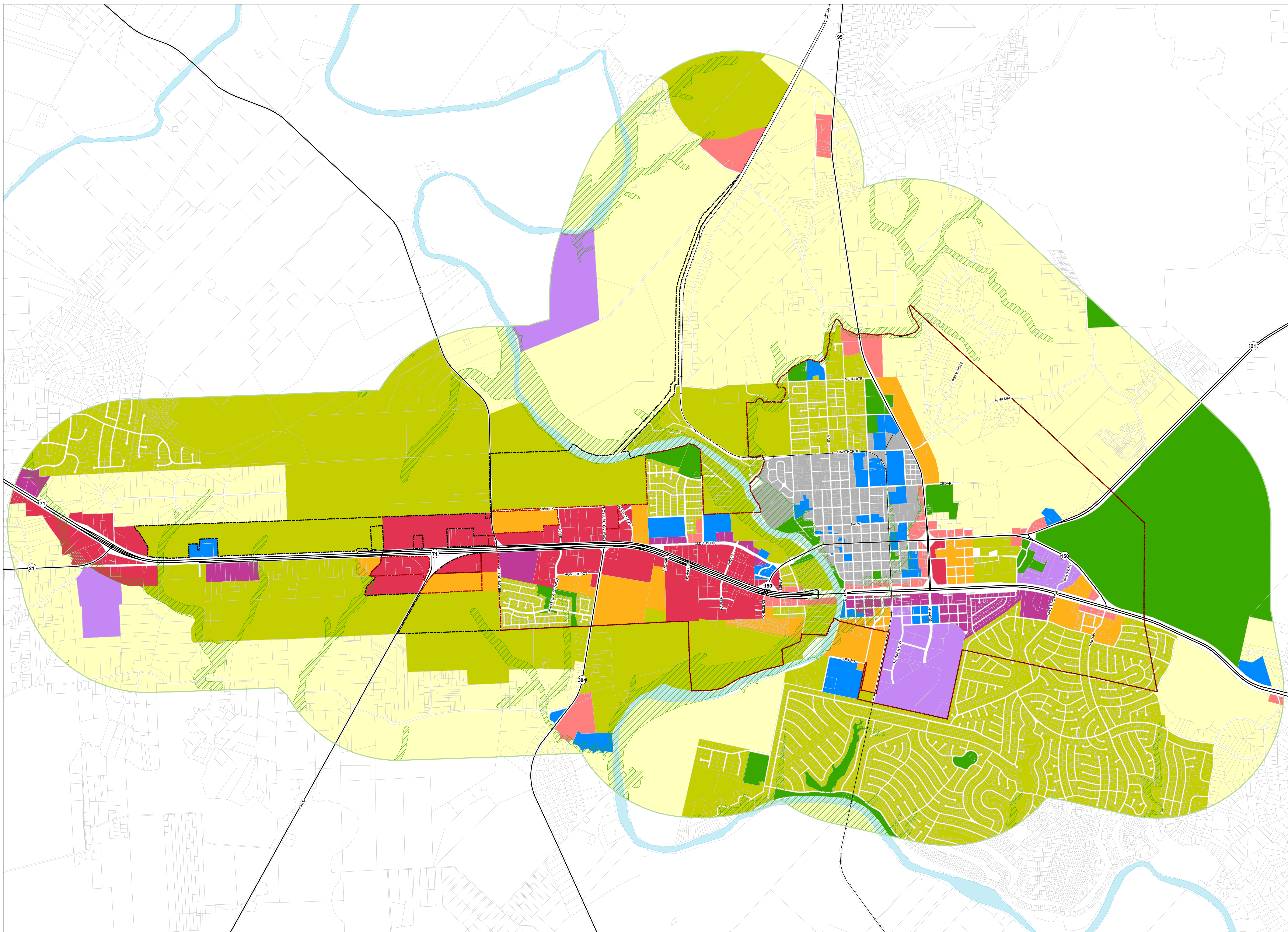
REED RANCH
615 SH 71 W
BASTROP TX, 78602
UTILITY PLAN 2 OF 2

DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023
SHEET NO. 8		

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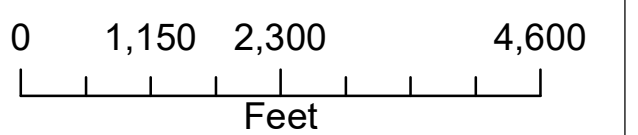
Future Land Use

- Legend**
-  Statutory ETJ
 -  City Limit
 -  City Boundary
 -  Parcels
 -  Floodplain Overlay
- Land Use Description**
-  Parks and Open Space
 -  Rural Residential
 -  Neighborhood Residential
 -  Transitional Residential
 -  Neighborhood Commercial
 -  General Commercial
 -  Professional Services
 -  Downtown Bastrop
 -  Public and Institutional
 -  Industrial



*Boundary is similar to the DB-FBC

1 inch = 1,700 feet



Date: 4/12/2017


 The accuracy and precision of this cartographic data is limited and should be used for information/planning purposes only. This data does not replace surveys conducted by registered Texas land surveyors nor does it constitute an "official" verification of zoning, land use classification, or other classification set forth in local, state, or federal regulatory processes. The City of Bastrop, nor any of its employees, do not make any warranty of merchantability and fitness for particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any such information, nor does it represent that its use would not infringe upon privately owned rights.

Exhibit C – Warrant List

B3 Code Section	Description	Development Issue	Proposed Alternative & Reasoning
7.1.002(k)	To prevent future conflicts regarding Street maintenance, private Streets are prohibited, except where justified by special considerations.	Dedication requirement does not permit developer to manage and maintain streets.	Allowing for streets to be privately owned, managed, and maintained is fiscally sustainable.
7.2.003	Street right-of-way . . . must be dedicated		
7.3.004	Traffic Lanes: Two lanes at 10 feet each Parking Lanes: Both sides parallel at 8 feet, marked	Complying with health/safety codes requires lanes to be wider. Only parallel parking does not allow for a financially feasible amount of parking spaces.	Permitting 12.5' lanes such that the street can meet fire lane requirements meets the intent of the code and is fiscally sustainable. Allowing for head-in parking to be 18' is fiscally sustainable.
7.5.002(d)	Storm Drainage Facilities, if equipped to provide Civic Space, may be counted toward the 10% Civic Place Type allocations requirement by warrant.	Drainage requires a large portion of the project to be a pond. Not allocating this space toward the Civic Space requirement makes project fiscally infeasible.	An amenitized wet pond with a trail meets the intent of code, is fiscally sustainable, and authentically Bastrop.
7.1.002(h)	Dead-end Streets must be avoided.	Proposed design does not show dead-end streets. Rather, internal drives culminate into left and right parking aisles for buildings or walkway plazas in line with 5.2.002(d).	For avoidance of doubt, internal drives culminating into 20' walkway easement places as generally shown in the Conceptual PD Master Plan meets the intent of code.
5.2.002	Preferred block size is 330' by 330' and max block perimeter of 1,320'	Drainage block is large due to odd shape of site and need for a large pond. Treating private streets/driveways as block boundaries for this measurement results in an urban fabric of slow	Allowing for a single larger block complies with intent of code. Permitting private drives as shown on the Conceptual PD Master Plan is fiscally sustainable and meets the intent of code.

		streets, with the plazas acting as traffic calming devices.	
5.2.002(f)	In the P4 Mix, a minimum Residential mix of three Building Types (not less than 20%) shall be required.	Proposed design elects only apartment buildings with amenity and civic spaces. A variety of building types is not fiscally sustainable.	As the project is unlikely to move forward if a variety of building types are required, allowing for a warrant is fiscally sustainable.
6.5.003	-70 percent max lot coverage; -60% minimum buildout at build-to-line; -Build-to-line is 5-15 ft	Conceptual PD Master Plan generally meets build-to-line requirements of P4 but may not meet all façade buildout or lot coverage requirements. Specifically, the 60% buildout line is doable along the publicly dedicated streets but not interior privately owned and maintained streets.	Permitting lot occupation as shown in Conceptual PD Master Plan is fiscally sustainable.
7.5.002	Plazas not permitted in P4 and require a minimum size of ½ acres.	Walkway/paseos as shown on Conceptual PD Master Plan allow for improved site design/walkability.	Allowing warrant meets the intent of code in that it improves walkability.

ZONING CONCEPT PLANS FOR REED RANCH 615 SH 71 W BASTROP TX, 78602

OWNER

ROSANKY, CHARLES G
FAMILY TRUST
615 HWY 71 W
BASTROP, TX 78602

DEVELOPER

HOLT LUNSFORD HOLDINGS
5950 BERKSHIRE LANE, SUITE 900
DALLAS, TX 75225

ARCHITECT

ARCHON CORPORATION
210 N. PARK BLVD, SUITE 100
GRAPEVINE, TX 76051

ENGINEER

HOLLIS SCHEFFLER, P.E.
8701 N. MOPAC EXPY, SUITE 320
AUSTIN, TEXAS 78759
PHONE: (512) 485-0831

SURVEYOR

MICHAEL JACK NEEDHAM
8701 N. MOPAC EXPY, SUITE 320
AUSTIN, TEXAS 78759
PHONE: (512) 485-0831



LEGAL DESCRIPTION:

A98 BLAKEY, NANCY, ACRES 23.0400



VICINITY MAP
(1"=2000')

PROJECT ZONING: P-2

PROJECT ADDRESS: 615 SH 71 W

SUBMITTAL DATE: JULY 10, 2032

Sheet List Table	
Sheet Number	Sheet Title
1	COVER
2	PEDESTRIAN SHED
3	PD SITE PLAN
4	LOT AND BLOCK LAYOUT
5	EXISTING DRAINAGE AREA MAP
6	PROPOSED DRAINAGE AREA MAP
7	UTILITY PLAN 1 OF 2
8	UTILITY PLAN 2 OF 2

REVISIONS		BY
NO.	DATE	DESCRIPTION

**REED RANCH
615 SH 71 W
BASTROP TX, 78602
COVER**

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REGISTRATION NO. 158046.
DATE: xx/xx/xxxx

DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023

SHEET NO.
1

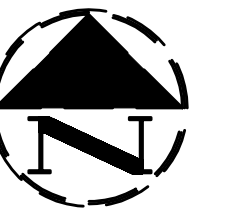
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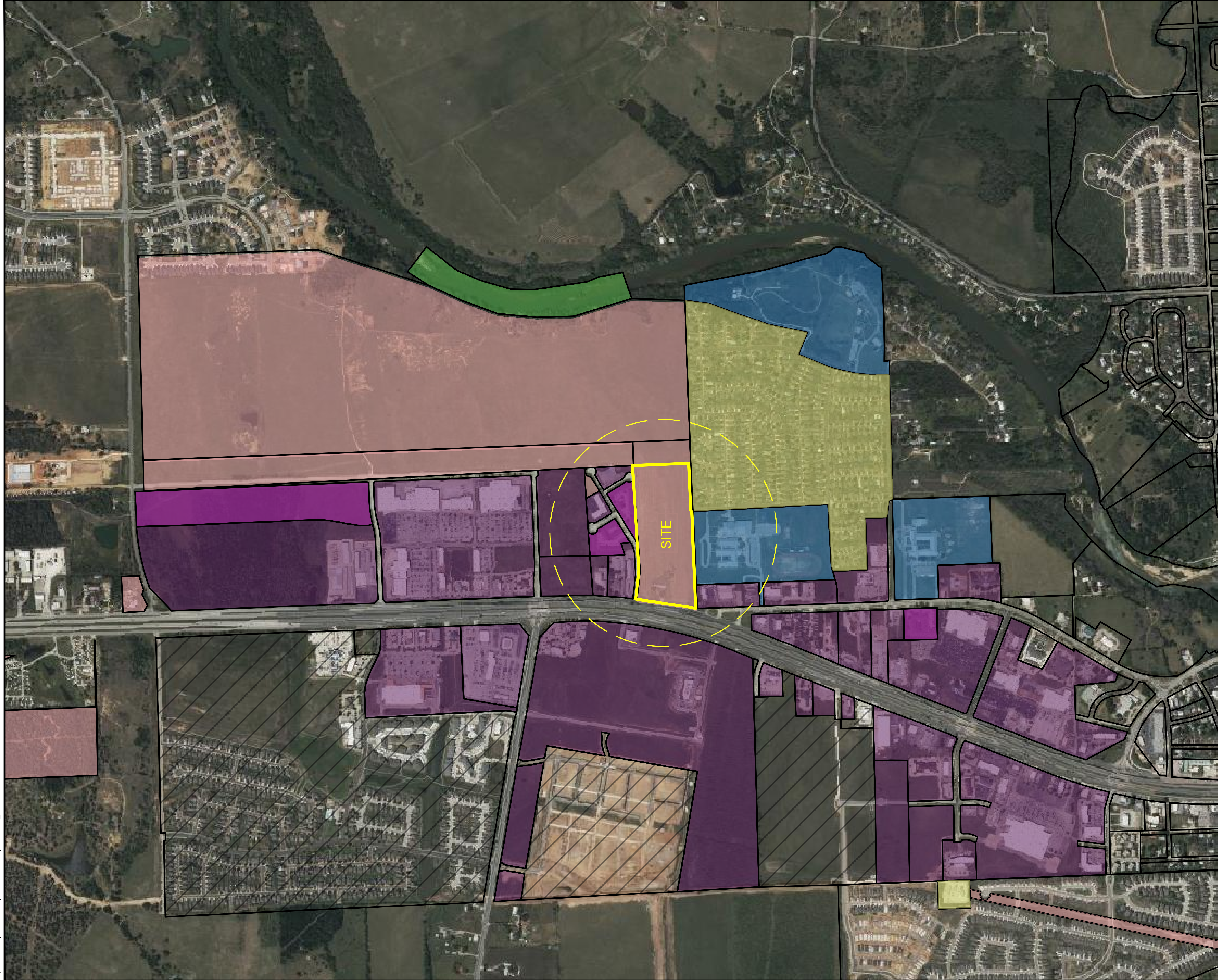
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 TBPLS FIRM REGISTRATION NO. LS-100800-00



0 250 500 1000 1500
GRAPHIC SCALE IN FEET



P2	P3	P4	CIVIC	P5	TOTAL
30.40%	12.35%	4.90%	14.68%	24.58%	86.91%

-  PLANNED DEVELOPMENT
-  NATURE
-  CIVIC SPACE
-  RURAL
-  NEIGHBORHOOD
-  MIX
-  CORE

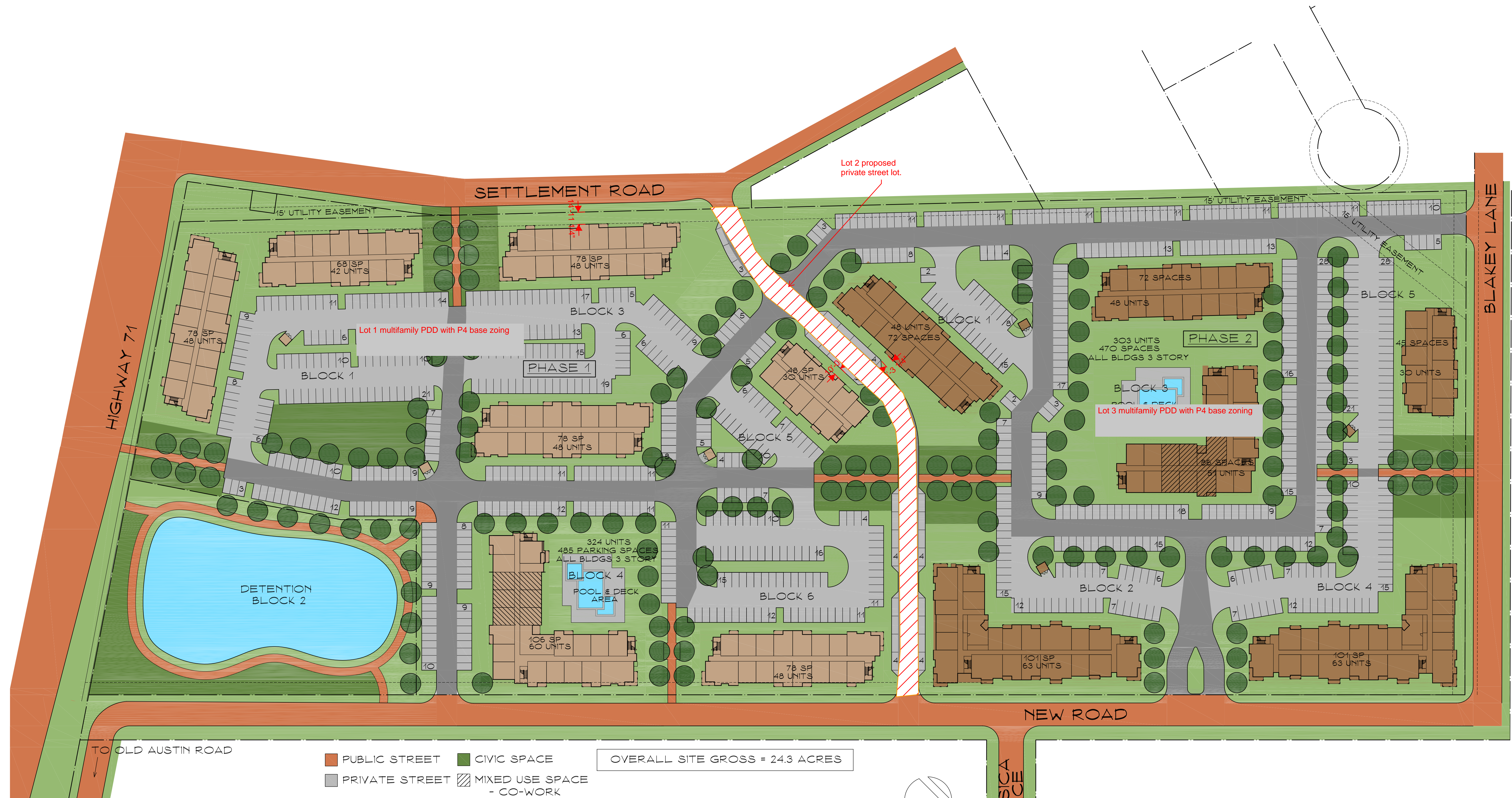
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TYPE FIRM REGISTRATION NO. F-11756
 TBPLS FIRM REGISTRATION NO. LS-10074301

PROPOSED PEDESTRIAN SHED (1/4 MILE)

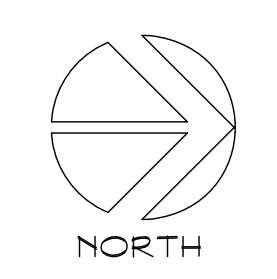
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- PUBLIC STREET
- CIVIC SPACE
- PRIVATE STREET
- MIXED USE SPACE
 - CO-WORK
 - FITNESS
 - POOL

OVERALL SITE GROSS = 24.3 ACRES



ARCHITECT:
 GARY G. WOOD #12202
 PRELIMINARY - NOT TO BE USED FOR
 REGULATORY APPROVAL, PERMITTING,
 OR CONSTRUCTION
 DATE: 10 JUL 23

COLORED CONCEPT PD SITE PLAN

PROJECT NAME: REED RANCH

ACERAGE: 24.3 A.

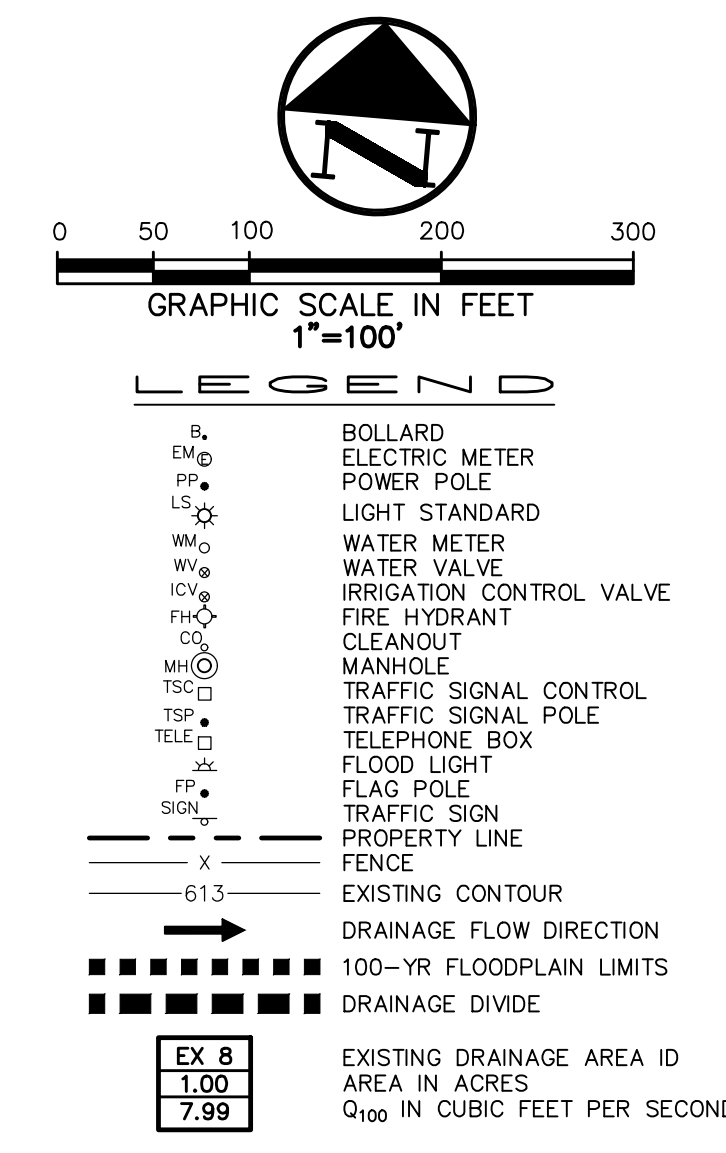
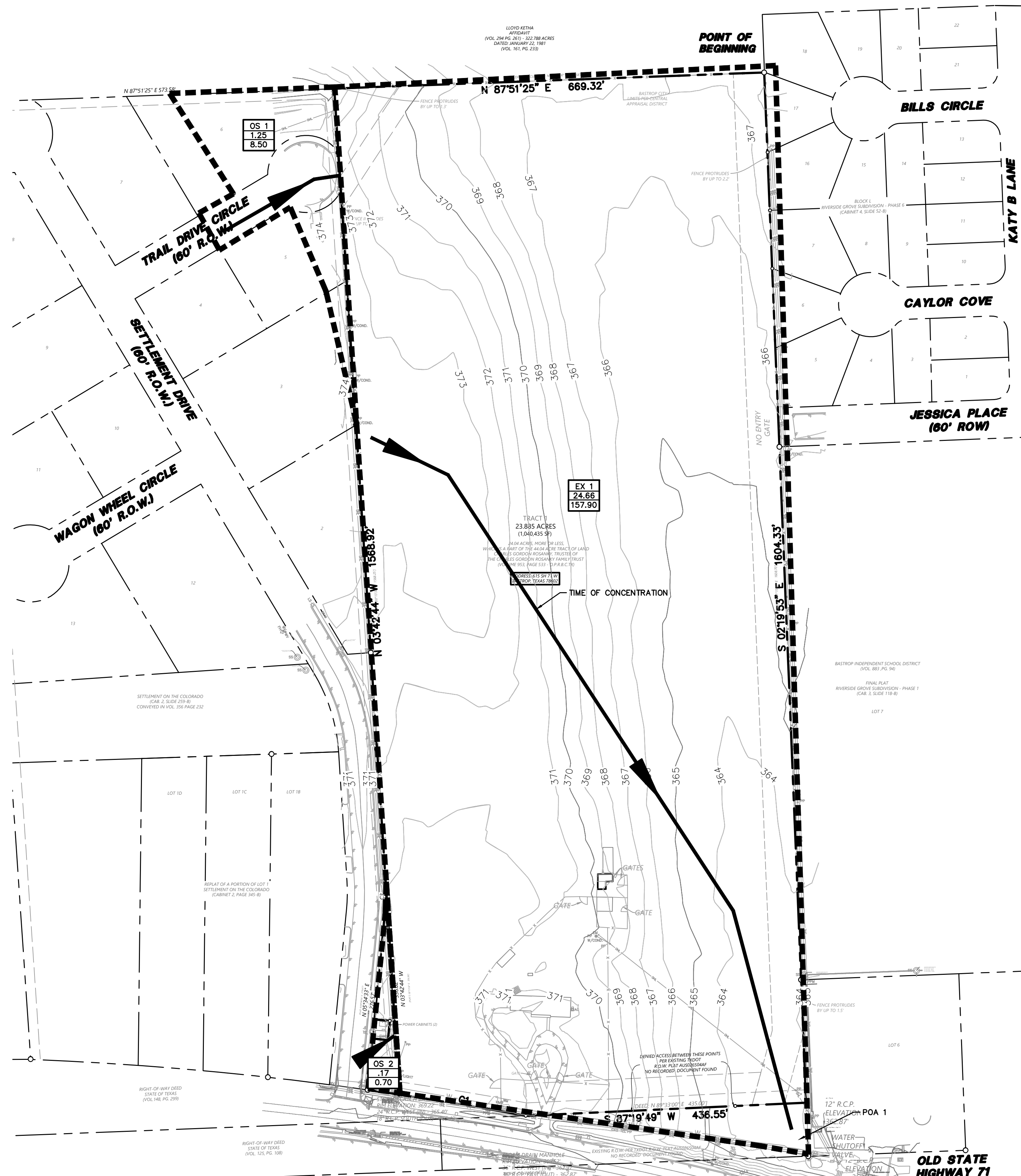
DATE: 10 JUL 23

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SCALE: 1" = 60'-0"

ARCHON CORPORATION
 ARCHITECTS / PLANNERS
 210 NORTH PARK BLVD.
 SUITE 100 - GRAPEVINE, TX
 76051 214/526-0731

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SHEET FLOW										SHALLOW CONCENTRATED FLOW					CHANNEL FLOW						
DRAINAGE NUMBER	INLET NUMBER	AREA (acres)	Length (ft)	Slope (ft/ft)	Surface Cover	Velocity (ft/s)	Manning's n	T _{sheet} (min)	Length (ft)	Slope (ft/ft)	Surface Type	Velocity (ft/s)	K	T _{shallow} (min)	Length (ft)	Slope (ft/ft)	Type	K (ft)	Velocity (ft/s)	T _{channel} (min)	T _c (min)
OS 1	OS 1	1.25	50.00	0.01	SHORT GRASS PRAIRIE	0.07	0.15	11.88	150.00	0.01	UNPAVED	1.61	16.13	1.55	0.00	0.01	36" RCP	94.36	9.44	0.00	13.43
OS 2	OS 2	0.17	50.00	0.01	SHORT GRASS PRAIRIE	0.03	0.15	32.22	0.00	0.01	UNPAVED	1.61	16.13	0.00	0.00	0.01	36" RCP	94.36	9.44	0.00	32.22
EX 1	EX 1	24.66	50.00	0.01	SHORT GRASS PRAIRIE	0.31	0.15	2.67	990.00	0.03	UNPAVED	2.79	16.13	5.90	0.00	0.01	36" RCP	94.36	9.44	0.00	8.58

HEC-HMS SUMMARY: EXISTING CONDITIONS												
Drainage Area Basin Designation	Drainage Area (ac)	Base Curve Number CN	Lag Time (min)	Impervious Cover %	2 YEAR STORM		10 YEAR STORM		25 YEAR STORM		100 YEAR STORM	
					Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)
OS 1	1.25	61	8.06	34.64%	2.50	5.50	6.10	8.50				
OS 1	1.25	61	19.33	0.00%	0.10	0.40	0.50	0.70				
EX 1	24.66	61	5.15	1.32%	27.40	86.20	103.80	157.90				
POA 1					27.40	86.20	103.80	157.90				

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NO.	DATE	BY	DESCRIPTION

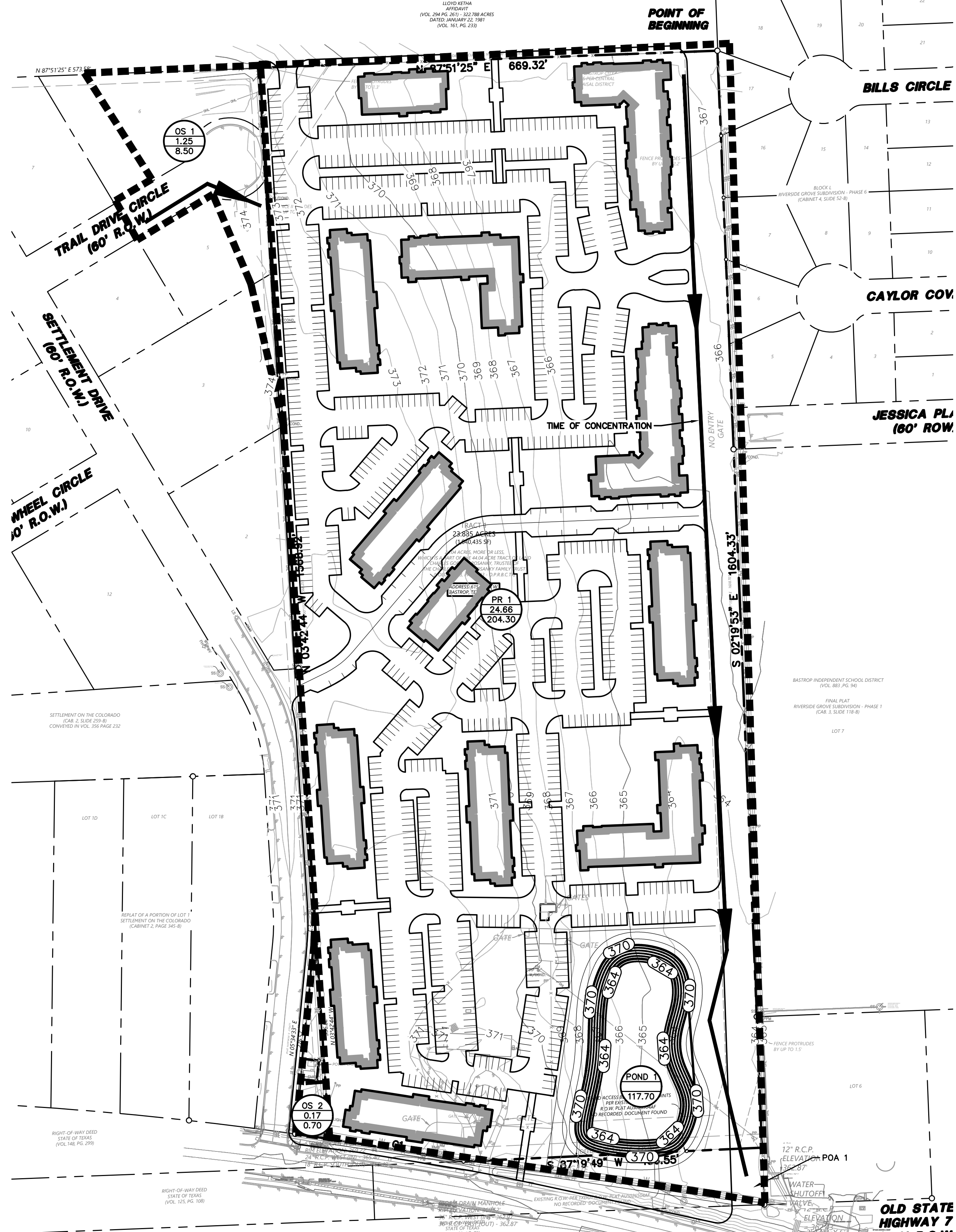
REED RANCH
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BASTROP TX, 78602
EXISTING DRAINAGE AREA MAP

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 DATE: 07/10/2023

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JDW	CAH	JULY 2023

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GRAPHIC SCALE IN FEET
 1"=100'
 LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FW	FIRE HYDRANT
CS	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
TS	TRAFFIC SIGN
PL	PROPERTY LINE
---	FENCE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	DRAINAGE FLOW DIRECTION
---	100-YR FLOODPLAIN LIMITS
---	DRAINAGE DIVIDE
U 8	PROPOSED DRAINAGE AREA ID
1.00	AREA IN ACRES
7.99	Q ₁₀₀ IN CUBIC FEET PER SECOND

DRAINAGE NUMBER	INLET NUMBER	AREA (acres)	SHEET FLOW					SHALLOW CONCENTRATED FLOW					CHANNEL FLOW								
			Length (ft)	Slope (ft/ft)	Surface Cover	Velocity (ft/s)	Manning's n	T _{sheet} (min)	Length (ft)	Slope (ft/ft)	Surface Type	Velocity (ft/s)	K	T _{shallow} (min)	Length (ft)	Slope (ft/ft)	Type	K (ft)	Velocity (ft/s)	T _{channel} (min)	T _c (min)
OS 1	OS 1	1.25	50.00	0.01	SHORT GRASS PRAIRIE	0.07	0.15	11.88	150.00	0.01	UNPAVED	1.61	16.13	1.55	0.00	0.01	36" RCP	94.36	9.44	0.00	13.43
OS 2	OS 2	0.17	50.00	0.01	SHORT GRASS PRAIRIE	0.03	0.15	32.22	0.00	0.01	UNPAVED	1.61	16.13	0.00	0.00	0.01	36" RCP	94.36	9.44	0.00	32.22
PR 1	PR 1	24.66	50.00	0.01	ASPHALT	1.87	0.02	0.45	990.00	0.03	PAVED	3.52	20.33	4.69	0.00	0.01	36" RCP	94.36	9.44	0.00	5.13

HEC-HMS SUMMARY: DEVELOPED CONDITIONS													
Drainage Area Basin Designation	Drainage Area (ac)	Base Curve Number CN	Lag Time (min)	Cumulative Area (ac)	Impervious Cover %	2 YEAR STORM		10 YEAR STORM		25 YEAR STORM		100 YEAR STORM	
						Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)	Runoff Per Drainage Area (cfs)	Routed Cumulative Runoff (cfs)
OS1	1.25	61	8.06	34.64		2.50		5.50		6.10		8.50	
OS2	0.17	61	19.33	0.00		0.10		0.40		0.50		0.70	
PR 1	24.66	61	3.08	62.90		78.00		149.00		155.70		204.30	
POND 1						27.20		27.20		82.50		82.50	
POA 1						27.20		82.50		91.00		117.70	

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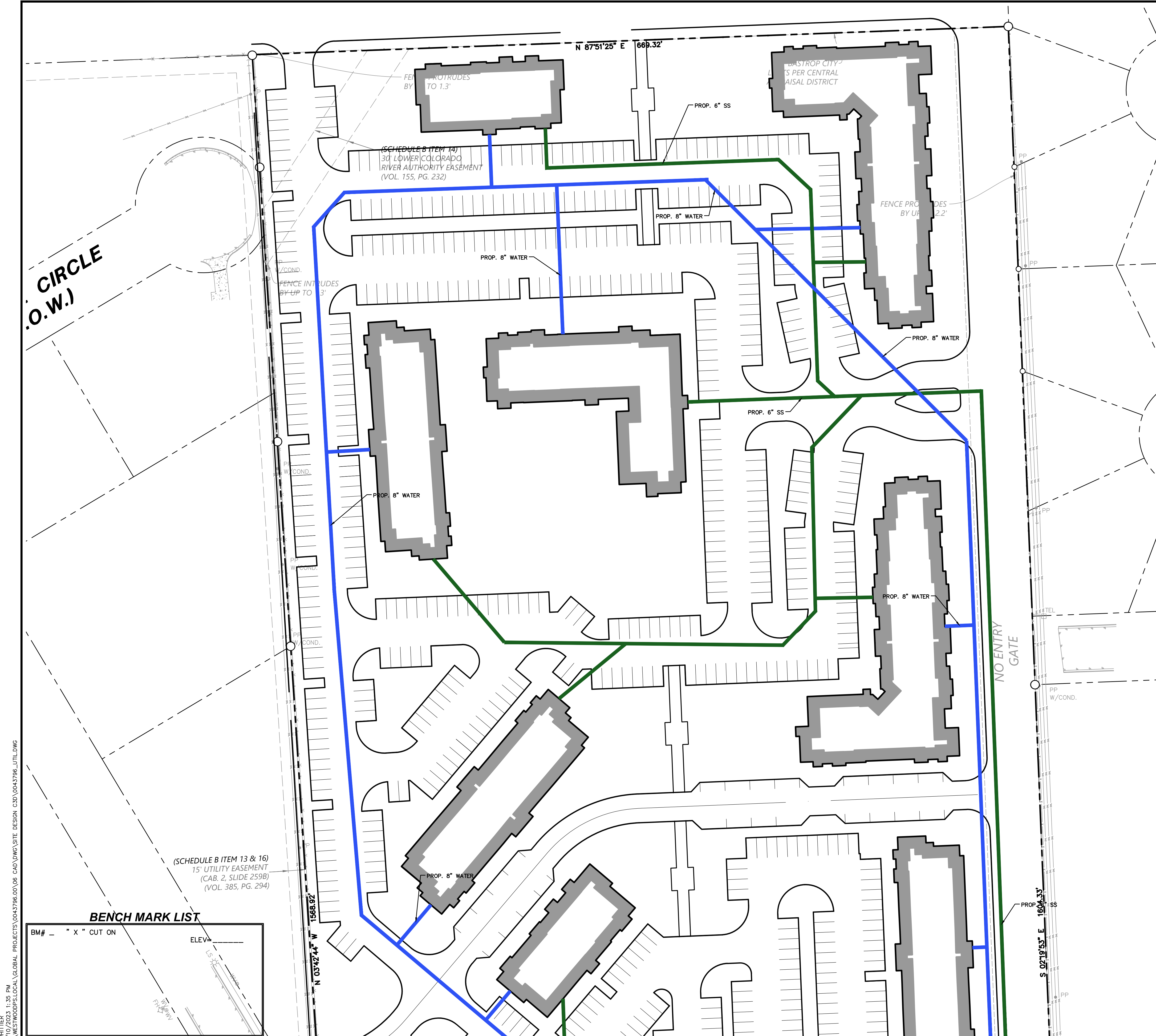
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NO.	DESCRIPTION

REED RANCH
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BASTROP TX, 78602
PROPOSED DRAINAGE AREA MAP

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 DATE: 07/10/2023

DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023

SHEET NO. **6**



0 20 40 80 120
GRAPHIC SCALE IN FEET
1"=40'

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CL	CLEANOUT
CO	MANHOLE
MH	TRAFFIC SIGNAL CONTROL
TSC	TRAFFIC SIGNAL POLE
TP	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
TS	TRAFFIC SIGN
IR	1/2-INCH IRON ROD
IRS	W/"PACHECO KOCH" CAP SET
(C.M.)	CONTROLLING MONUMENT
X	PROPERTY LINE
DH	FENCE
---	OVERHEAD UTILITY LINE
---	UNDERGROUND ELECTRIC LINE
---	UNDERGROUND TELEPHONE LINE
---	UNDERGROUND CABLE LINE
---	UNDERGROUND WATER LINE
---	UNDERGROUND SANITARY SEWER LINE
---	PROP. FDC LOCATION
---	PROP. WATER VALVE
---	PROP. FIRE HYDRANT
---	PROP. WATER LINE W/ BEND
---	PROP. SANITARY SEWER LINE
---	PROP. SANITARY SEWER MANHOLE
---	PROP. SANITARY SEWER CLEANOUT

- WATER & SANITARY SEWER GENERAL NOTES**
- ALL CONCRETE SHALL BE CLASS "A" (3000 PSI), UNLESS OTHERWISE NOTED.
 - ALL WATER MAINS SHALL BE PVC C900, DR 18, CLASS 235, FIRE PROTECTION SERVICES SHALL BE PVC C900, DR 14, CLASS 305 AND INSTALLED IN ACCORDANCE WITH THE DESIGN AND SPECIFICATIONS OF THE FIRE PROTECTION PLANS TO BE PREPARED BY A LICENSED FIRE PROTECTION CONTRACTOR.
 - WATER AND SANITARY SEWER SERVICES SHALL MEET PLUMBING CODE REQUIREMENTS.
 - ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 48 INCHES BELOW IMPROVED FINISHED GRADE, UNLESS OTHERWISE NOTED.
 - SANITARY SEWER PIPE SHALL BE PVC SDR-35.
 - WHEN WATER AND SANITARY SEWER MAINS, SERVICES, AND LATERALS ARE INSTALLED, THEY SHALL BE INSTALLED NO CLOSER TO EACH OTHER THAN NINE FEET IN ALL DIRECTIONS AND PARALLEL LINES MUST BE INSTALLED IN SEPARATE TRENCHES. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, THE FOLLOWING TCEQ CHAPTERS SHALL APPLY:
 - TCEQ CHAPTER 217.53 PIPE DESIGN, SECTION (d) SEPARATION DISTANCES.
 - TCEQ CHAPTER 290.44 WATER DISTRIBUTION, SECTION (e) LOCATION OF WATERLINES.
 - CONTRACTOR TO VERIFY ALL EXISTING SEWER FLOW LINES BEFORE BEGINNING CONSTRUCTION.
 - CONTRACTOR SHALL TIE A ONE INCH WIDE PIECE OF RED PLASTIC FLAGGING TO THE END OF SEWER SERVICE AND SHALL LEAVE A MINIMUM OF 36 INCHES OF FLAGGING EXPOSED AFTER BACKFILL. AFTER CURB AND PAVING IS COMPLETED, CONTRACTOR SHALL MARK THE LOCATION OF THE SEWER SERVICE ON THE CURB OR ALLEY IN ACCORDANCE WITH THE STANDARD CITY SPECIFICATIONS.
 - ALL SANITARY SEWER LINES SHALL BE TESTED IN ACCORDANCE WITH THE STANDARD CITY SPECIFICATIONS.
 - THE UTILITY CONTRACTOR SHALL INSTALL THE WATER SERVICES TO A POINT TWO FEET BACK OF THE CURB LINE AT A DEPTH OF 12 INCHES. THE METER BOX SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AFTER THE PAVING CONTRACTOR HAS COMPLETED THE FINE GRADING BEHIND THE BACK OF THE CURB. EACH SERVICE LOCATION SHALL BE MARKED ON THE CURB WITH A BLUE LETTER "W" BY THE UTILITY CONTRACTOR AND TIED TO PROPERTY CORNERS ON THE "RECORD DRAWINGS."
 - ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS.
 - TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.2 AND SHALL BE MECHANICALLY COMPACTED IN 6-INCH LIFTS TO THE TOP OF SUBGRADE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
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 - IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTOR'S EXPENSE.

BENCH MARK LIST

BM#	" X " CUT ON	ELEV.
1568.82	N 03°42'44" W	1568.82
1604.33	S 02°19'53" E	1604.33

Westwood
Phone (512) 485-0831 8701 N. Mopac Expy, Suite 320
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TBPB FIRM REGISTRATION NO. P-469
TBPB FIRM REGISTRATION NO. LS-100080-00

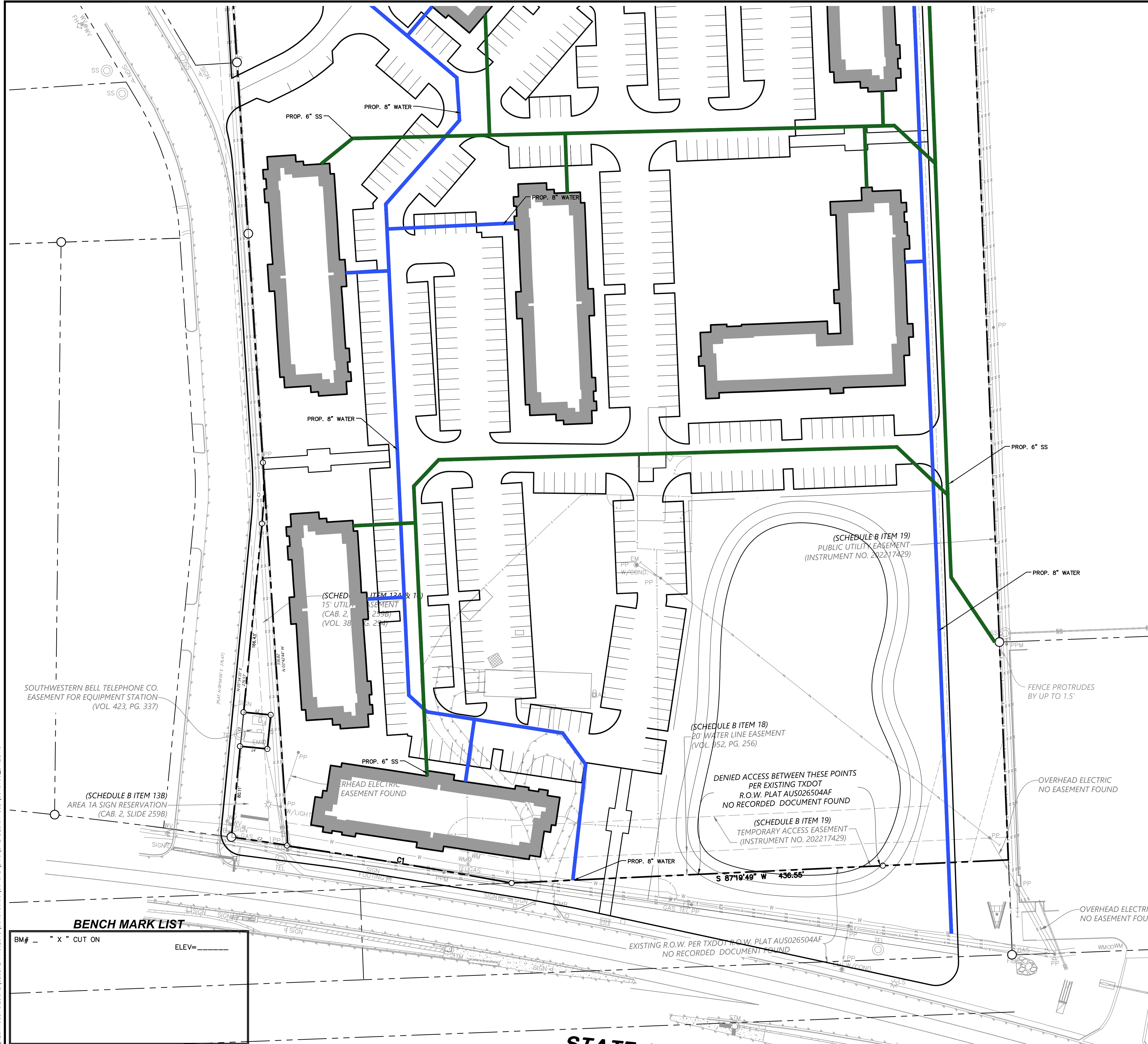
NO.	DATE	DESCRIPTION

**REED RANCH
615 SH 71 W
BASTROP TX, 78602
UTILITY PLAN 1 OF 2**

DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023

SHEET NO. **7**
7 OF 8

7/10/2023 1:35 PM
 WESTWOODPS\LOCAL\GLOBAL PROJECTS\0043796\00\06 CAD DWG\SITE DESIGN C3D\0043796_UTL1.DWG
 JWHITTER



0 20 40 80 120
GRAPHIC SCALE IN FEET
1"=40'

LEGEND

EM	BOLLARD
PP	ELECTRIC METER
LS	POWER POLE
LS*	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FM	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
TR	TRAFFIC SIGN
SIG	1/2-INCH IRON ROD
IRS	W/PACHCO KOCH" CAP SET
(C.M.)	CONTROLLING MONUMENT
---	PROPERTY LINE
X	FENCE
DHL	OVERHEAD UTILITY LINE
---	UNDERGROUND ELECTRIC LINE
-T-	UNDERGROUND TELEPHONE LINE
---	UNDERGROUND CABLE LINE
---	UNDERGROUND WATER LINE
6"W	UNDERGROUND SANITARY SEWER LINE
6"SS	PROP. FDC LOCATION
+	PROP. WATER VALVE
+	PROP. FIRE HYDRANT
+	PROP. WATER LINE W/ BEND
+	PROP. SANITARY SEWER LINE
+	PROP. SANITARY SEWER MANHOLE
+	PROP. SANITARY SEWER CLEANOUT

- WATER & SANITARY SEWER GENERAL NOTES**
- ALL CONCRETE SHALL BE CLASS "A" (3000 PSI), UNLESS OTHERWISE NOTED.
 - ALL WATER MAINS SHALL BE PVC C900, DR 15, CLASS 235. FIRE PROTECTION SERVICES SHALL BE PVC C900, DR 14, CLASS 305 AND INSTALLED IN ACCORDANCE WITH THE DESIGN AND SPECIFICATIONS OF THE FIRE PROTECTION PLANS TO BE PREPARED BY A LICENSED FIRE PROTECTION CONTRACTOR.
 - WATER AND SANITARY SEWER SERVICES SHALL MEET PLUMBING CODE REQUIREMENTS.
 - ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 48 INCHES BELOW IMPROVED FINISHED GRADE, UNLESS OTHERWISE NOTED.
 - SANITARY SEWER PIPE SHALL BE PVC SDR-35.
 - WHEN WATER AND SANITARY SEWER MAINS, SERVICES, AND LATERALS ARE INSTALLED, THEY SHALL BE INSTALLED NO CLOSER TO EACH OTHER THAN NINE FEET IN ALL DIRECTIONS AND PARALLEL LINES MUST BE INSTALLED IN SEPARATE TRENCHES. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, THE FOLLOWING TCEQ CHAPTERS SHALL APPLY:
 - TCEQ CHAPTER 217.53 PIPE DESIGN, SECTION (d) SEPARATION DISTANCES.
 - TCEQ CHAPTER 290.44 WATER DISTRIBUTION, SECTION (e) LOCATION OF WATERLINES.
 - CONTRACTOR TO VERIFY ALL EXISTING SEWER FLOW LINES BEFORE BEGINNING CONSTRUCTION.
 - CONTRACTOR SHALL TIE A ONE INCH WIDE PIECE OF RED PLASTIC FLAGGING TO THE END OF SEWER SERVICE AND SHALL LEAVE A MINIMUM OF 36 INCHES OF FLAGGING EXPOSED AFTER BACKFILL. AFTER CURB AND PAVING IS COMPLETED, CONTRACTOR SHALL MARK THE LOCATION OF THE SEWER SERVICE ON THE CURB OR ALLEY IN ACCORDANCE WITH THE STANDARD CITY SPECIFICATIONS.
 - ALL SANITARY SEWER LINES SHALL BE TESTED IN ACCORDANCE WITH THE STANDARD CITY SPECIFICATIONS.
 - THE UTILITY CONTRACTOR SHALL INSTALL THE WATER SERVICES TO A POINT TWO FEET BACK OF THE CURB LINE AT A DEPTH OF 12 INCHES. THE METER BOX SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AFTER THE PAVING CONTRACTOR HAS COMPLETED THE FINE GRADING BEHIND THE BACK OF THE CURB. EACH SERVICE LOCATION SHALL BE MARKED ON THE CURB WITH A BLUE LETTER "W" BY THE UTILITY CONTRACTOR AND TIED TO PROPERTY CORNERS ON THE "RECORD DRAWINGS."
 - ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS.
 - TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.2 AND SHALL BE MECHANICALLY COMPACTED IN 6-INCH LIFTS TO THE TOP OF SUBGRADE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - EMBEDMENT SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 504.5 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - VALVE BOXES SHALL BE FURNISHED AND SET ON EACH GATE VALVE. AFTER THE FINAL CLEAN-UP AND ALIGNMENT HAS BEEN COMPLETED, THE UTILITY CONTRACTOR SHALL POUR A 24"x24"x6" CONCRETE BLOCK AROUND ALL VALVE BOX TOPS LEVEL WITH THE FINISHED GRADE.
 - CONTRACTOR SHALL RECONNECT ALL EXISTING SERVICES AND MAINTAIN EXISTING SERVICES THROUGHOUT CONSTRUCTION.
 - IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTOR'S EXPENSE.

Westwood
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 Toll Free (866) 937-5150 Austin, TX 78759
 westwoodpa.com
 Westwood Professional Services, Inc.
 TBPE FIRM REGISTRATION NO. F-469
 TBPLS FIRM REGISTRATION NO. LS-100080-00

NO.	DATE	DESCRIPTION

REED RANCH
615 SH 71 W
BASTROP TX, 78602
UTILITY PLAN 2 OF 2

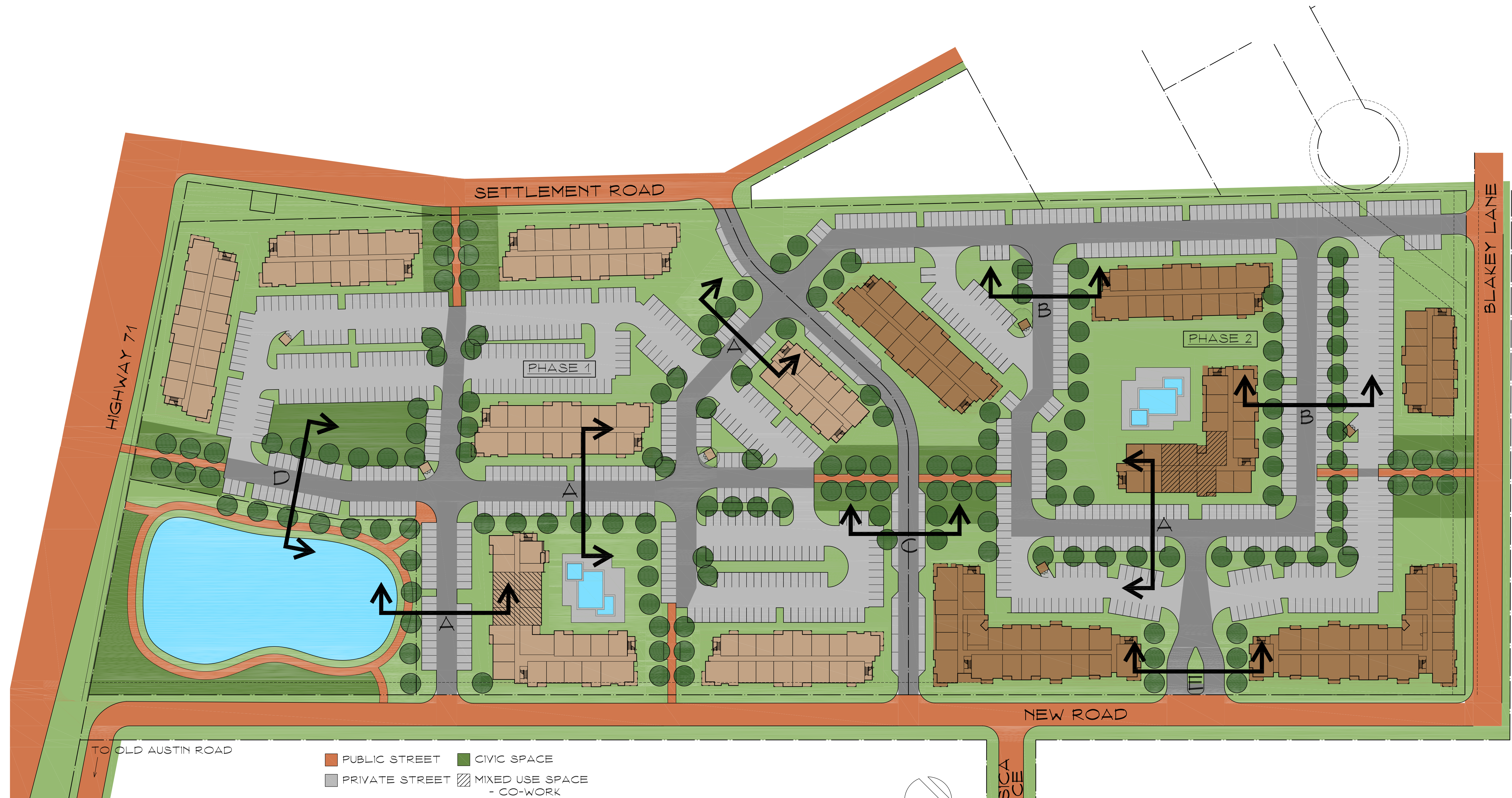
DESIGN	DRAWN	DATE
JDW	CAH	JULY 2023
SHEET NO. 8		

7/10/2023 1:44 PM
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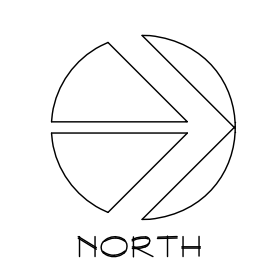
Exhibit C – Warrant List

B3 Code Section	Description	Development Issue	Proposed Alternative & Reasoning
7.1.002(k)	To prevent future conflicts regarding Street maintenance, private Streets are prohibited, except where justified by special considerations.	Dedication requirement does not permit developer to manage and maintain streets.	Allowing for streets to be privately owned, managed, and maintained is fiscally sustainable.
7.2.003	Street right-of-way . . . must be dedicated		
7.3.004	Traffic Lanes: Two lanes at 10 feet each Parking Lanes: Both sides parallel at 8 feet, marked	Complying with health/safety codes requires lanes to be wider. Only parallel parking does not allow for a financially feasible amount of parking spaces.	Permitting 12.5' lanes such that the street can meet fire lane requirements meets the intent of the code and is fiscally sustainable. Allowing for head-in parking to be 18' is fiscally sustainable.
7.5.002(d)	Storm Drainage Facilities, if equipped to provide Civic Space, may be counted toward the 10% Civic Place Type allocations requirement by warrant.	Drainage requires a large portion of the project to be a pond. Not allocating this space toward the Civic Space requirement makes project fiscally infeasible.	An amenitized wet pond with a trail meets the intent of code, is fiscally sustainable, and authentically Bastrop.
7.1.002(h)	Dead-end Streets must be avoided.	Proposed design does not show dead-end streets. Rather, internal drives culminate into left and right parking aisles for buildings or walkway plazas in line with 5.2.002(d).	For avoidance of doubt, internal drives culminating into 20' walkway easement places as generally shown in the Conceptual PD Master Plan meets the intent of code.
5.2.002	Preferred block size is 330' by 330' and max block perimeter of 1,320'	Drainage block is large due to odd shape of site and need for a large pond. Treating private streets/driveways as block boundaries for this measurement results in an urban fabric of slow	Allowing for a single larger block complies with intent of code. Permitting private drives as shown on the Conceptual PD Master Plan is fiscally sustainable and meets the intent of code.

		streets, with the plazas acting as traffic calming devices.	
5.2.002(f)	In the P4 Mix, a minimum Residential mix of three Building Types (not less than 20%) shall be required.	Proposed design elects only apartment buildings with amenity and civic spaces. A variety of building types is not fiscally sustainable.	As the project is unlikely to move forward if a variety of building types are required, allowing for a warrant is fiscally sustainable.
6.5.003	-70 percent max lot coverage; -60% minimum buildout at build-to-line; -Build-to-line is 5-15 ft	Conceptual PD Master Plan generally meets build-to-line requirements of P4 but may not meet all façade buildout or lot coverage requirements. Specifically, the 60% buildout line is doable along the publicly dedicated streets but not interior privately owned and maintained streets.	Permitting lot occupation as shown in Conceptual PD Master Plan is fiscally sustainable.
7.5.002	Plazas not permitted in P4 and require a minimum size of ½ acres.	Walkway/paseos as shown on Conceptual PD Master Plan allow for improved site design/walkability.	Allowing warrant meets the intent of code in that it improves walkability.



- PUBLIC STREET
- CIVIC SPACE
- PRIVATE STREET
- MIXED USE SPACE
 - CO-WORK
 - FITNESS
 - POOL



ARCHITECT:
 GARY G. WOOD #12202
 PRELIMINARY - NOT TO BE USED FOR
 REGULATORY APPROVAL, PERMITTING,
 OR CONSTRUCTION
 DATE: 10 JUL 23

STREET TYPES

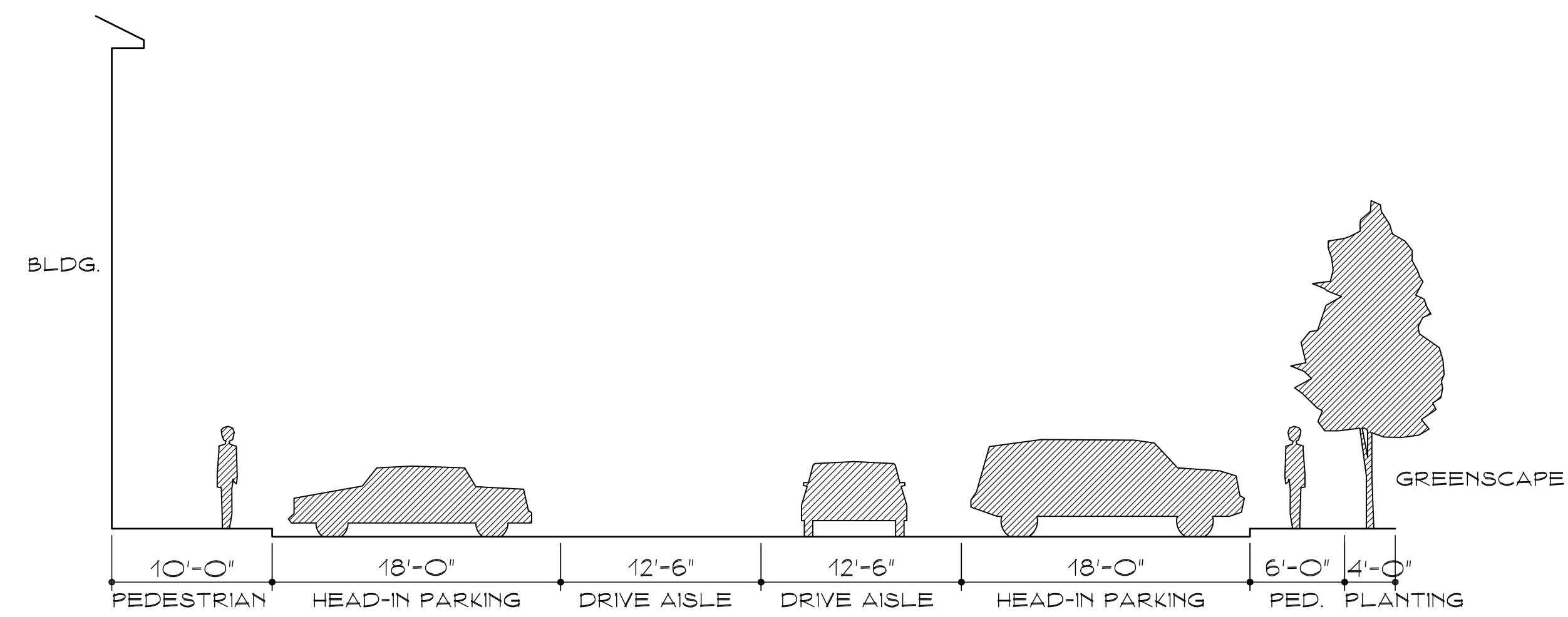
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ACERAGE: 24.3 A.

DATE: 10 JUL 23

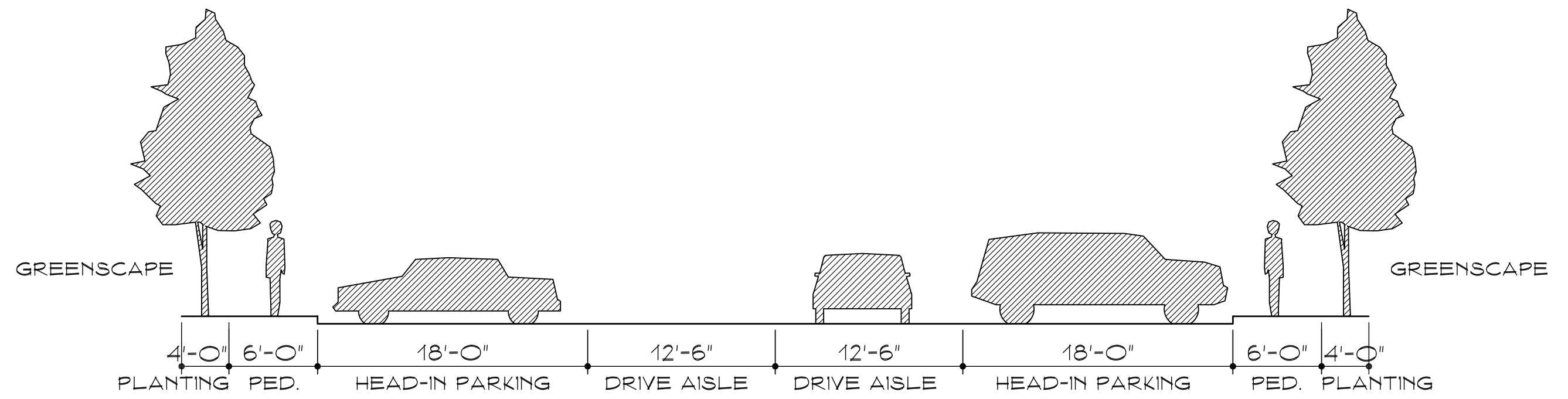
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ARCHON CORPORATION
 ARCHITECTS / PLANNERS
 210 NORTH PARK BLVD.
 SUITE 100 - GRAPEVINE, TX
 76051 214/526-0731



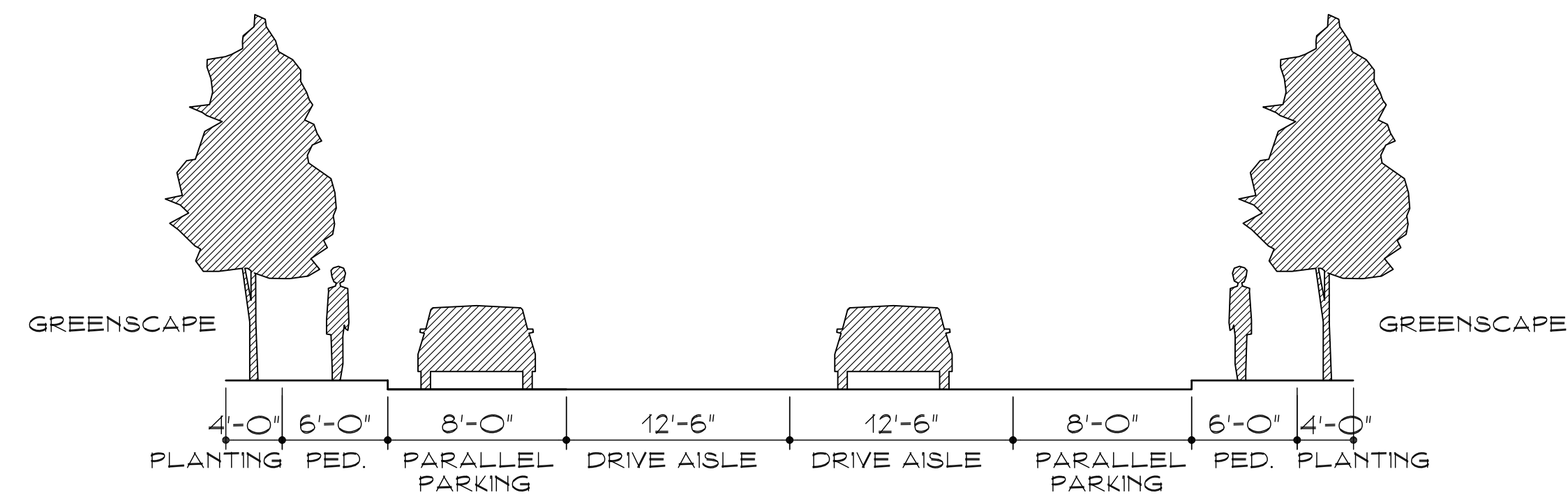
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RIGHT-OF-WAY : 81'-0"



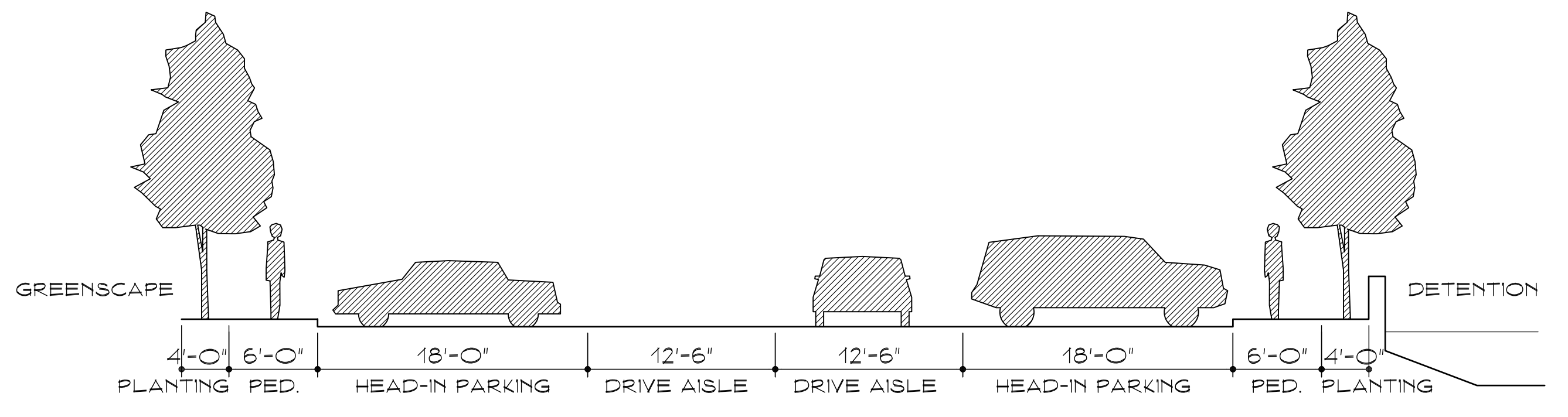
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RIGHT-OF-WAY : 81'-0"



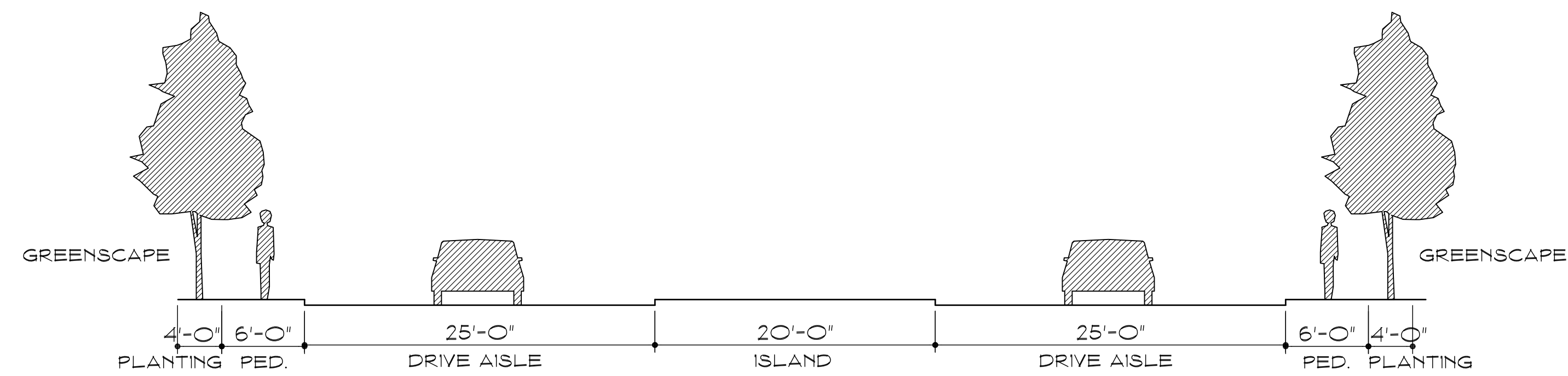
STREET TYPE 'C'

RIGHT-OF-WAY : 61'-0"



STREET TYPE 'D'

RIGHT-OF-WAY : 81'-0"



STREET TYPE 'E'

RIGHT-OF-WAY : 110'-0"

ARCHITECT:
GARY G. WOOD #12202
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