| REVISIONS | | | | PFULGERVILLE |
|---|---|---|---|---|
| NO. | SHEET(S) | DESCRIPTION | BY | APPROVAL |
| 1. | ALL | REVISED PRELIMINARY BOUNDARY; REVISED PHASING; REVISED BALATON BLVD. CONNECTION TO PFLUGERVILLE PARKWAY; REVISED FUTURE CONNECTION TO WEISS LANE. | | 12/5/22 |
| 2. | ALL | REVISED LAYOUT IN PHASE 6 & 7 AREA TO MATCH APPROVED PUD. | | 07/17/23 |
| 2. | ALL | REVISED LOTTING IN PHASE 6 & 7 FOR FEE-SIMPLE STRUCTURE. | | |

# LAKESIDE MEADOWS

## PRELIMINARY PLAN ONLY
## PFLUGERVILLE, TEXAS

## REVISION 3

**REPORTS**

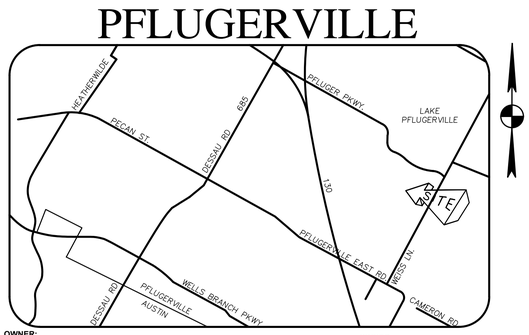
ENGINEERING REPORT:
LAKESIDE MEADOWS PRELIMINARY – ENGINEERING REPORT
DATED: FEBRUARY 2020
PREPARED BY: PAPE-DAWSON ENGINEERS, INC.

TIA (SEE NOTES BELOW):
LAKESIDE MEADOWS – PHASE 2 TIA
DATED: MARCH 2021; APPROVED: MARCH 2021
PREPARED BY: PAPE-DAWSON ENGINEERS, INC.

WASTEWATER REPORT:
LAKESIDE MEADOWS – WASTEWATER PLAN REPORT
DATED: DECEMBER 2019
PREPARED BY: PAPE-DAWSON ENGINEERS, INC.

DRAINAGE/FLOODPLAIN:
LAKESIDE MEADOWS – FLOODPLAIN & DRAINAGE REPORT
DATED: OCTOBER 2020
PREPARED BY: PAPE-DAWSON ENGINEERS, INC.

WATER MODEL & REPORT:
LAKESIDE MEADOWS – WATER MODEL AND FIRE FLOW ANALYSIS
DATED: OCTOBER 2020
PREPARED BY: PAPE-DAWSON ENGINEERS, INC.




VICINITY MAP
NOT TO SCALE

**OWNER:**
LAKESIDE MEADOWS LLC
4201 MARATHON BLVD. #201
AUSTIN, TEXAS 78756
(512)579-3670

**OWNER:**
TIMMERMAN FARMS LTD
230 KLATTENHOFF LN. STE. 100
HUTTO, TEXAS 78634
(512)784-3362

**NOTES**

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF PFLUGERVILLE MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

ALL ONSITE EXISTING OVERHEAD ELECTRIC LINES, WITH THE EXCEPTION OF HIGH VOLTAGE LCRA LINES, ARE TO BE REROUTED UNDERGROUND WITH THE CONSTRUCTION PLANS. THIS SHALL INCLUDE THE EXISTING PFLUGERVILLE PARKWAY LINES.

STREETSCAPE LANDSCAPING AND TRAILS/SIDEWALKS REQUIRED BY THE PUD SHALL BE INSTALLED WITH THE ASSOCIATED PUBLIC ROADWAY OR RESPECTIVE PHASE AS PART OF THE CONSTRUCTION PLANS. THE TRAIL REQUIRED BY THE PUD ALONG THE CREEK IS REQUIRED TO BE CONSTRUCTED WITH THE FIRST CONSTRUCTION PLAN WITH RESIDENTIAL LAND USE.

OPEN SPACE/DRAINAGE LOTS ARE TO BE OWNED AND MAINTAINED PER THE PUD REQUIREMENTS. A PROPERTY OWNERS ASSOCIATED IS REQUIRED TO BE ESTABLISHED AND DOCUMENTED/RECORDED ON ALL PLATS.

LAND USE BY PHASE SHALL COMPLY WITH THE PUD REQUIREMENTS.

MEDIANS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE MAINTAINED BY THE POA AND SHALL REQUIRE A LICENSE AND MAINTENANCE AGREEMENT WITH THE CITY OF PFLUGERVILLE.

**UTILITY PROVIDERS**

**AT&T TEXAS:**
712 E. Huntland Drive
Austin, Texas 78752
(512)870-4766 / FAX (512)870-4711

**TIMEWARNER CABLE INC.**
12012 North MoPac Expressway
Austin, Texas 78758
(512)682-8510 / FAX (512)682-8592

**ATMOS ENERGY CORPORATION**
3110 N IH-35
Round Rock, Texas 78681
(512)310-3856 / FAX (512)310-3880

**SUDDENLINK COMMUNICATIONS:**
111 North Cottage Street
Georgetown, Texas 78626
(512) 563-7063 / FAX (512)869-2962

**T.C.E.S.D. NO. 2.**
Pflugerville Fire Department
203 E. Pecan Street
Pflugerville, Texas 78660
(512)251-2801 / FAX (512)

**ONCOR**
350 Texas Avenue
Round Rock, Texas 78664
(512)244-5606

**CITY OF PFLUGERVILLE - PUBLIC WORKS DEPARTMENT**
CONTACT: MATT WOODARD
15500 SUN LIGHT NEAR WAY #B
PFLUGERVILLE, TX 78691-0589
(512)990-5400

**BENCHMARKS**

**#11 SET IRON ROD RED CAP @ E PFLUGERVILLE PKWY.**
GRID COORDINATES
N: 10134399.5600
E: 3166924.6580
ELEVATION OF 647.20 NAVD 88

**#15 SET MAG NAIL AND WASHER @ E PECAN ST.**
GRID COORDINATES
N: 10129026.2028
E: 3163137.8982
ELEVATION OF 655.94 NAVD 88

**FLOODPLAIN**

A PORTION OF THIS PROPERTY IS CONTAINED WITHIN THE LIMITS OF THE 100 YEAR FLOOD PLAIN AS DEFINED BY F.E.M.A. ON PANEL NO. 48453C0290J DATED AUGUST 18, 2014.

**LEGAL DESCRIPTION**

A 325.468 ACRE TRACT OF LAND, SITUATED IN THE W. CALDWELL SURVEY, SECTION NO. 66, ABSTRACT NO. 162 AND OUT OF THE E. KIRKLAND SURVEY, ABSTRACT NO. 458 OF TRAVIS COUNTY, TEXAS BEING THE REMNANT PORTION OF A CALLED 281.80 ACRE TRACT CONVEYED TO CACTUS COMMERCIAL SOUTH, LP RECORDED IN DOCUMENT NO. 2014095553 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS.

**LOT SUMMARY**

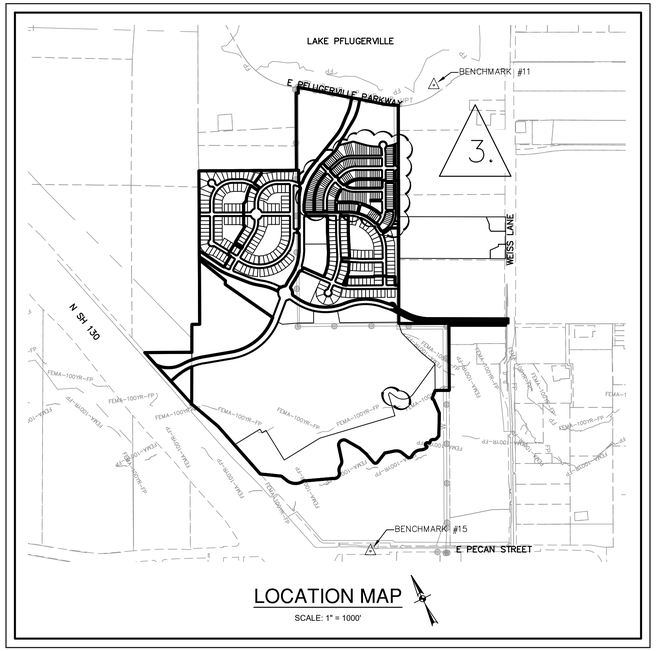
| LOT USE* | # OF LOTS | ACREAGE (AC) | PHASES | MAX RV DENSITY** | RV DENSITY** |
|---|---|---|---|---|---|
| CL-4 | 2 | 4.22 | PHASE 10 | | |
| CC | 2 | 130.94 | PHASE 1 | | |
| MX-1 | 1 | 8.87 | PHASE 8 | | |
| MX-2 | 1 | 14.10 | PHASE 11 | | |
| MX-3 | 3 | 8.74 | PHASE 1, 4 | | |
| RV-1 | 198 | 16.67 | PHASE 6 & 7 (25.51 AC) | 10 DU/ACRE | 5.10 DU/AC |
| RV-2 | 100 | 16.53 | PHASE 4 & 5 (29.08 AC) | 6 DU/ACRE | 3.44 DU/AC |
| RV-3 | 145 | 25.55 | PHASE 2 & 3 (47.73 AC) | 5 DU/ACRE | 3.06 DU/AC |
| MF-1 | 1 | 19.86 | PHASE 9 | | |
| STREETS/ROW | | 40.50 | | | |
| PARKLAND/OPEN SPACE | 29 | 39.49 | | | |
| TOTAL PROJECT AREA: | | 325.47 AC | | | |

*LOT USE PER PUD ORDINANCE
**DENSITY IS CALCULATED ACROSS THE ENTIRE GROSS ACREAGE OF THE DEVELOPMENT TRACT FOR THAT USE. DENSITY IS SUBJECT TO CHANGE WITH CHANGES IN THE CONSTRUCTION PLANS BUT SHALL REMAIN LESS THAN THE MAXIMUM DENSITY ALLOWED PER THE PUD.

TIA NOTES:

1. A TRAFFIC IMPACT ANALYSIS FOR THIS DEVELOPMENT WAS ORIGINALLY APPROVED IN MARCH 2021. AN UPDATED ANALYSIS TO ADDRESS THE CHANGES PROPOSED WITH THIS PRELIMINARY REVISION AS WELL AS PUD AMENDMENT 1 HAS BEEN COMPLETED AND IS CURRENTLY UNDER REVIEW BY THE CITY OF PFLUGERVILLE. NO PUBLIC ROADWAY IMPROVEMENTS FOR THIS DEVELOPMENT WILL BE ACCEPTED PRIOR TO CITY OF PFLUGERVILLE APPROVAL OF THE UPDATED TRAFFIC ANALYSIS.
2. TRAVIS COUNTY AND TXDOT APPROVAL OF THE TRAFFIC IMPACT ANALYSIS SHALL BE PROVIDED PRIOR TO RECORDATION OF THE FINAL PLAT FOR THE FIRST PHASE OF RESIDENTIAL DEVELOPMENT.
3. PAYMENTS OF THE DEVELOPER'S PRO-RATA SHARE FOR TRAFFIC IMPROVEMENTS SHALL BE PROVIDED PRIOR TO THE APPROVAL OF A FINAL PLAT CONTAINING THE LAND USE PER THE TABLE BELOW (REFER TO TABLES 12 AND 13 IN APPROVED TIA FOR MORE INFORMATION):

- SINGLE FAMILY (PHASE 2, 3, 4, 5, 6, 7): $442,708
- MULTI FAMILY (PHASE 9): $385,842
- MIXED USE (PHASE 1, 4, 7, 8, 11): $467,073
- OFFICE PARK (PHASE 10): $1,863,581




LOCATION MAP
SCALE: 1" = 1000'

LAKESIDE MEADOWS LLC
4201 MARATHON BLVD. #201
AUSTIN, TEXAS 78756

ORIGINAL SUBMITTAL DATE: FEBRUARY 3, 2020

PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

| Sheet List Table | |
|---|---|
| Sheet Number | Sheet Title |
| 01 | COVER SHEET |
| 02 | OVERALL PHASING PLAN |
| 03 | SUMMARY & LOT TABLES |
| 04 | DIMENSION CONTROL (1 OF 5) |
| 05 | DIMENSION CONTROL (2 OF 5) |
| 06 | DIMENSION CONTROL (3 OF 5) |
| 07 | DIMENSION CONTROL (4 OF 5) |
| 08 | DIMENSION CONTROL (5 OF 5) |
| 09 | EXISTING CONDITIONS & PROPOSED GRADING (1) |
| 10 | EXISTING CONDITIONS & PROPOSED GRADING (2) |
| 11 | UTILITY LAYOUT (1 OF 5) |
| 12 | UTILITY LAYOUT (2 OF 5) |
| 13 | UTILITY LAYOUT (3 OF 5) |
| 14 | UTILITY LAYOUT (4 OF 5) |
| 15 | UTILITY LAYOUT (5 OF 5) |
| 16 | EXISTING DRAINAGE |
| 17 | PROPOSED OVERALL DRAINAGE |
| 18 | DRAINAGE STUDY (1 OF 5) |
| 19 | DRAINAGE STUDY (2 OF 5) |
| 20 | DRAINAGE STUDY (3 OF 5) |
| 21 | DRAINAGE STUDY (4 OF 5) |
| 22 | DRAINAGE STUDY (5 OF 5) |
| 23 | DRAINAGE CALCULATIONS (1 OF 3) |
| 24 | DRAINAGE CALCULATIONS (2 OF 3) |
| 25 | DRAINAGE CALCULATIONS (3 OF 3) |
| 26 | TREE SURVEY (1 OF 2) |
| 27 | TREE SURVEY (2 OF 2) |
| 28 | TREE TABLES |
| 29 | STREET LIGHT LAYOUT |

NOTES:

1. THIS PLAN LIES WITHIN THE CITY OF PFLUGERVILLE FULL PURPOSE JURISDICTION.
2. WATER AND WASTEWATER SHALL BE PROVIDED BY THE CITY OF PFLUGERVILLE. NO LOT IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO WATER AND WASTEWATER FACILITIES.
3. A 10-FT. PUBLIC UTILITY EASEMENT (P.U.E.) SHALL BE DEDICATED ALONG ALL STREET FRONTAGE.
4. EASEMENTS DEDICATED TO THE PUBLIC BY THIS PLAN SHALL ALSO BE SUBJECT TO THE TERMS AND CONDITIONS OF THE ENGINEERING DESIGN MANUAL, AS AMENDED. THE GRANTOR (CACTUS COMMERCIAL SOUTH LP), HEIRS, SUCCESSORS AND ASSIGNS SHALL RETAIN THE OBLIGATION TO MAINTAIN THE SURFACE OF THE EASEMENT PROPERTY, INCLUDING THE OBLIGATION TO REGULARLY MOW OR CUT BACK VEGETATION AND TO KEEP THE SURFACE OF THE EASEMENT PROPERTY FREE OF LITTER, DEBRIS, AND TRASH.
5. NO IMPROVEMENTS INCLUDING BUT NOT LIMITED TO STRUCTURES, FENCES, OR LANDSCAPING SHALL BE ALLOWED IN A PUBLIC EASEMENT, EXCEPT AS APPROVED BY THE CITY.
6. THE PROPERTY OWNER SHALL PROVIDE ACCESS TO DRAINAGE AND UTILITY EASEMENTS AS MAY BE NECESSARY AND SHALL NOT PROHIBIT ACCESS FOR THE PLACEMENT, CONSTRUCTION, INSTALLATION, REPLACEMENT, REPAIR, MAINTENANCE, RELOCATION, REMOVAL, OPERATION AND INSPECTION OF SUCH DRAINAGE AND UTILITY FACILITIES, AND RELATED APPURTENANCES.
7. A MINIMUM 10-FT. WIDE SIDEWALK SHALL BE PROVIDED ALONG PUBLIC COLLECTOR STREETS, 6-FT. SIDEWALK ALONG LOCAL STREETS IN SINGLE-FAMILY ATTACHED, AND 4-FT SIDEWALK ALONG LOCAL STREETS IN SINGLE-FAMILY DETACHED.
8. STREETLIGHTS SHALL BE INSTALLED AND IN FULL WORKING ORDER WITH THE PUBLIC IMPROVEMENTS. ALL STREETLIGHTS SHALL BE IN CONFORMANCE WITH ALL CITY OF PFLUGERVILLE ORDINANCES INCLUDED BUT NOT LIMITED TO BEING DOWNCAST AND FULL CUT OFF TYPE.
9. THIS SUBDIVISION IS SUBJECT TO ALL CITY OF PFLUGERVILLE ORDINANCES OR TECHNICAL MANUALS RELATED TO TREE PRESERVATION PER CITY ORDINANCE # 1203-15-02-24 AND CITY RESOLUTION # 1224-09-08-25-8A.
10. WHERE APPLICABLE, THE PUBLIC PARKLAND DEDICATION AND PARK DEVELOPMENT FEE SHALL BE CALCULATED AT A RATE REQUIRED BY CITY ORDINANCE # 1203-15-02-24.
11. PRIVATE PARKLAND TO BE MAINTAINED BY THE OWNER/HOA VIA DEVELOPMENT AGREEMENT AS APPROVED BY PFLUGERVILLE PARKS & RECREATION DIRECTOR.
12. THE COMMUNITY IMPACT FEE RATE FOR WATER AND WASTEWATER WILL BE ASSESSED AT THE TIME OF FINAL PLAT.
13. ON-SITE STORM WATER FACILITIES SHALL BE PROVIDED TO MITIGATE POST-DEVELOPMENT PEAK RUNOFF RATES FOR THE 2 YEAR, 25 YEAR AND 100 YEAR STORM EVENTS.
14. ALL ELECTRIC UTILITY INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO TELEPHONE, CABLE TELEVISION, ELECTRIC UTILITY LATERAL AND SERVICE LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PFLUGERVILLE ENGINEERING DESIGN MANUAL.
15. THE OWNER OF THIS SUBDIVISION, AND HIS OR HER SUCCESSORS AND ASSIGNS, ASSUMES RESPONSIBILITY FOR THE PLANS FOR CONSTRUCTION OF SUBDIVISION IMPROVEMENTS WHICH COMPLY WITH APPLICABLE CODES AND REQUIREMENTS OF THE CITY OF PFLUGERVILLE.
16. CONSTRUCTION PLANS AND SPECIFICATIONS FOR ALL SUBDIVISION IMPROVEMENTS SHALL BE REVIEWED AND APPROVED BY THE CITY OF PFLUGERVILLE PRIOR TO ANY CONSTRUCTION WITHIN THE SUBDIVISION.
17. SITE DEVELOPMENT CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE CITY OF PFLUGERVILLE PRIOR TO ANY CONSTRUCTION.
18. A PORTION OF THIS TRACT IS WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL #48453C0290J FOR TRAVIS COUNTY, EFFECTIVE AUGUST 18, 2014.
19. ALL PROPOSED FENCES AND WALLS ADJACENT TO INTERSECTING PUBLIC ROADWAY RIGHT-OF-WAY OR ADJACENT TO PRIVATE ACCESS DRIVES SHALL BE IN COMPLIANCE WITH THE SIGHT DISTANCE REQUIREMENTS OF THE CITY OF PFLUGERVILLE ENGINEERING DESIGN MANUAL, AS AMENDED.
20. WASTEWATER AND WATER SYSTEMS SHALL CONFORM TO TCEQ (TEXAS COMMISSION ON ENVIRONMENTAL QUALITY) AND STATE BOARD OF INSURANCE REQUIREMENTS. THE OWNER UNDERSTANDS AND ACKNOWLEDGES THAT PLAT VACATION OR RE-PLATTING MAY BE REQUIRED AT THE OWNER'S SOLE EXPENSE IF PLANS TO DEVELOP THIS SUBDIVISION DO NOT COMPLY WITH SUCH CODES AND REQUIREMENTS.
21. LAKESIDE MEADOWS IS SUBJECT TO THE LAKESIDE MEADOWS PUD AGREEMENT ORDINANCE NO. ORD-0499.
22. PER THE APPROVED PUD AGREEMENT, PEDESTRIAN ACCESS CONNECTIVITY VIA TRAILS SHALL CONNECT TO THE SOUTHERN LAKESIDE MEADOWS - INDUSTRIAL TRACT. TIMING AND CONSTRUCTION RESPONSIBILITY FOR THE TRAIL SYSTEM SHALL BE PER THE PUD.
23. ONCOR/TXU APPROVAL OF STREET AND TRAIL ENCROACHMENTS SHALL BE REQUIRED PRIOR TO APPROVAL OF THE PHASE 1 CONSTRUCTION PLANS.
24. TXDOT APPROVAL AND CONSTRUCTION OF THE SH-130 CONNECTION SHALL BE REQUIRED PRIOR TO ACCEPTANCE OF THE PHASE 1 CONSTRUCTION PLANS.
25. ROADWAY CROSSINGS OF THE TRAIL SYSTEM SHALL INCORPORATE DECORATIVE PAVING OR OTHER ENHANCED CROSSWALK MARKINGS IN ACCORDANCE WITH THE PUD.
26. TIMING OF CONSTRUCTION OF COLORADO SANDS DR. CONNECTION TO WEISS LANE SUBJECT TO LAND ACQUISITION FOR RIGHT-OF-WAY.
27. POND IMPROVEMENTS IN CREEK AREA ARE TO BE CONSTRUCTED WITH PHASE 1 OF THE SUBDIVISION IMPROVEMENTS.
28. PUBLIC ALLEYWAYS TO BE MAINTAINED BY THE POA. LICENSE AGREEMENTS WILL BE REQUIRED FOR POA ALLEY MAINTENANCE.
29. THE ASSESSED ROADWAY IMPACT FEE IS HEREBY ASSESSED AND ESTABLISHED ACCORDING TO THE CITY OF PFLUGERVILLE ORDINANCE NO. 1470-20-11-24. ROADWAY IMPACT FEES WILL BE PAID PRIOR TO THE ISSUANCE OF ANY BUILDING PERMIT.

SUBMITTED BY:

09/09/2024

PAPE-DAWSON ENGINEERS
DUSTIN J. GOSS, P.E. #91805
VICE PRESIDENT

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER

STATE OF TEXAS:
COUNTY OF TRAVIS: KNOW ALL MEN BY THESE PRESENTS:

That I, PARKER GRAHAM RPLS# 5556, do hereby certify that I prepared this plan from an actual and accurate on-the-ground survey of the land, and that the corner monuments shown thereon marking the boundary of the proposed subdivision, but no interior lot lines, were properly placed under my personal supervision, in accordance with the Subdivision Code of the City of Pflugerville, Texas and that all known easements within the boundary of the plan are shown hereon.

STATE OF TEXAS
PARKER GRAHAM
5556
REGISTERED
PROFESSIONAL
LAND SURVEYOR
08/14/2024

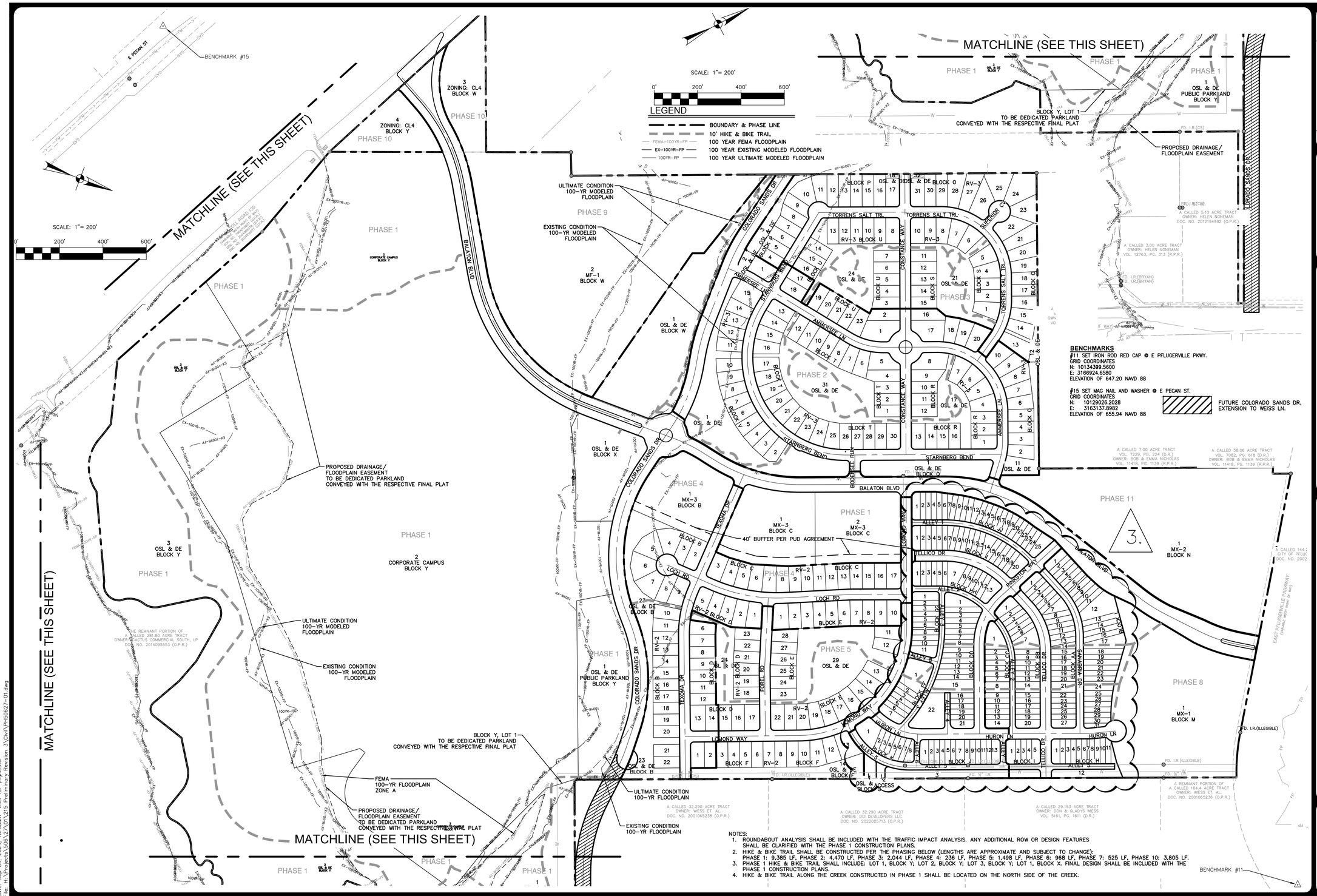
SIGNATURE OF REGISTERED PROFESSIONAL LAND SURVEYOR
PARKER GRAHAM RPLS # 5556
PAPE-DAWSON ENGINEERS, INC.
10801 N MOPAC EXPY. BLDG. 3, SUITE 200
AUSTIN, TX 78759
(512)454-8711

SHEET 01 OF 29

LAKESIDE MEADOWS PRELIMINARY

PD JOB NO. 50627-01

Date: Sep 09, 2024, 10:50am User ID: psylvester
File: H:\Projects\50627\01\215 Preliminary Revision 3\Civil\TS50627-01.dwg




NOTES:
1. ROUNDABOUT ANALYSIS SHALL BE INCLUDED WITH THE TRAFFIC IMPACT ANALYSIS. ANY ADDITIONAL ROW OR DESIGN FEATURES SHALL BE CLARIFIED WITH THE PHASE 1 CONSTRUCTION PLANS.
2. HIKE & BIKE TRAIL SHALL BE CONSTRUCTED PER THE PHASING BELOW (LENGTHS ARE APPROXIMATE AND SUBJECT TO CHANGE): PHASE 1: 9,385 LF, PHASE 2: 4,470 LF, PHASE 3: 2,044 LF, PHASE 4: 236 LF, PHASE 5: 1,498 LF, PHASE 6: 968 LF, PHASE 7: 525 LF, PHASE 10: 3,805 LF.
3. PHASE 1 HIKE & BIKE TRAIL SHALL INCLUDE: LOT 1, BLOCK Y; LOT 2, BLOCK Y; LOT 3, BLOCK Y; LOT 1, BLOCK X. FINAL DESIGN SHALL BE INCLUDED WITH THE PHASE 1 CONSTRUCTION PLANS.
4. HIKE & BIKE TRAIL ALONG THE CREEK CONSTRUCTED IN PHASE 1 SHALL BE LOCATED ON THE NORTH SIDE OF THE CREEK.

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
## CITY OF PFLUGERVILLE, TEXAS
## OVERALL PHASING PLAN

CITY JOB No. _____
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN CR
SHEET 02 OF 29

Date: Sep 09, 2024, 10:50am User ID: asylvester
File: H:\Projects\50k\27\01\215 Preliminary Revision 3\Civil\PH50627-01.dwg



PP2002-01

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 1 MEDIAN | 1 | BLK A | 127 | 0.00 |
| PH 1 MEDIAN | 2 | BLK A | 2787 | 0.06 |
| PH 1 MEDIAN | 3 | BLK A | 2827 | 0.06 |
| PH 1 MEDIAN | 4 | BLK A | 66337 | 1.52 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 4 MX-3 | 1 | BLK B | 120441 | 2.76 |
| PH 4 RV-2 | 2 | BLK B | 9232 | 0.21 |
| PH 4 RV-2 | 3 | BLK B | 7638 | 0.18 |
| PH 4 RV-2 | 4 | BLK B | 10561 | 0.24 |
| PH 4 RV-2 | 5 | BLK B | 11195 | 0.26 |
| PH 4 RV-2 | 6 | BLK B | 10967 | 0.25 |
| PH 4 RV-2 | 7 | BLK B | 10444 | 0.24 |
| PH 4 RV-2 | 8 | BLK B | 7528 | 0.17 |
| PH 4 RV-2 | 9 | BLK B | 8562 | 0.20 |
| PH 4 RV-2 | 10 | BLK B | 7103 | 0.16 |
| PH 4 RV-2 | 11 | BLK B | 6907 | 0.16 |
| PH 4 RV-2 | 12 | BLK B | 6604 | 0.15 |
| PH 4 RV-2 | 13 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 14 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 15 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 16 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 17 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 18 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 19 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 20 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 21 | BLK B | 6480 | 0.15 |
| PH 4 RV-2 | 22 | BLK B | 6480 | 0.15 |
| PH 4 OSL & DE | 23 | BLK B | 92327 | 2.12 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 8 MX-3 | 1 | BLK C | 136061 | 3.12 |
| PH 8 MX-3 | 2 | BLK C | 129624 | 2.98 |
| PH 4 RV-2 | 3 | BLK C | 8340 | 0.19 |
| PH 4 RV-2 | 4 | BLK C | 7391 | 0.17 |
| PH 4 RV-2 | 5 | BLK C | 7395 | 0.17 |
| PH 4 RV-2 | 6 | BLK C | 7462 | 0.17 |
| PH 4 RV-2 | 7 | BLK C | 7602 | 0.17 |
| PH 4 RV-2 | 8 | BLK C | 7274 | 0.17 |
| PH 4 RV-2 | 9 | BLK C | 6720 | 0.15 |
| PH 4 RV-2 | 10 | BLK C | 6720 | 0.15 |
| PH 4 RV-2 | 11 | BLK C | 6720 | 0.15 |
| PH 4 RV-2 | 12 | BLK C | 6720 | 0.15 |
| PH 4 RV-2 | 13 | BLK C | 6830 | 0.16 |
| PH 4 RV-2 | 14 | BLK C | 6832 | 0.16 |
| PH 4 RV-2 | 15 | BLK C | 6720 | 0.15 |
| PH 4 RV-2 | 16 | BLK C | 6720 | 0.15 |
| PH 4 RV-2 | 17 | BLK C | 7992 | 0.18 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 8 MX-1 | 1 | BLK M | 386163 | 8.87 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 11 MX-1 | 1 | BLK N | 613992 | 14.10 |

Block I

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 7, RV-1 | 1 | | 5078 | 0.117 |
| 7, RV-1 | 2 | | 2875 | 0.066 |
| 7, RV-1 | 3 | | 2875 | 0.066 |
| 7, RV-1 | 4 | | 2875 | 0.066 |
| 7, OSL | 5 | | 4503 | 0.103 |

Block GG

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, RV-1 | 1 | | 4903 | 0.113 |
| 6, RV-1 | 2 | | 3125 | 0.072 |
| 6, RV-1 | 3 | | 3125 | 0.072 |
| 6, RV-1 | 4 | | 3125 | 0.072 |
| 6, RV-1 | 5 | | 3125 | 0.072 |
| 6, RV-1 | 6 | | 3125 | 0.072 |
| 6, OSL | 7 | | 1250 | 0.029 |
| 6, RV-1 | 8 | | 3128 | 0.072 |
| 6, RV-1 | 9 | | 3137 | 0.072 |
| 6, RV-1 | 10 | | 3152 | 0.072 |
| 6, RV-1 | 11 | | 5427 | 0.125 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 4 RV-2 | 1 | BLK D | 8219 | 0.19 |
| PH 4 RV-2 | 2 | BLK D | 7856 | 0.18 |
| PH 4 RV-2 | 3 | BLK D | 7876 | 0.18 |
| PH 4 RV-2 | 4 | BLK D | 7424 | 0.17 |
| PH 4 RV-2 | 5 | BLK D | 7816 | 0.18 |
| PH 4 RV-2 | 6 | BLK D | 7193 | 0.17 |
| PH 4 RV-2 | 7 | BLK D | 6480 | 0.15 |
| PH 4 RV-2 | 8 | BLK D | 6480 | 0.15 |
| PH 4 RV-2 | 9 | BLK D | 6480 | 0.15 |
| PH 4 RV-2 | 10 | BLK D | 6480 | 0.15 |
| PH 4 RV-2 | 11 | BLK D | 6480 | 0.15 |
| PH 4 RV-2 | 12 | BLK D | 6480 | 0.15 |
| PH 4 RV-2 | 13 | BLK D | 8352 | 0.19 |
| PH 4 RV-2 | 14 | BLK D | 7200 | 0.17 |
| PH 5 RV-2 | 15 | BLK D | 7200 | 0.17 |
| PH 5 RV-2 | 16 | BLK D | 7245 | 0.17 |
| PH 5 RV-2 | 17 | BLK D | 8352 | 0.19 |
| PH 5 RV-2 | 18 | BLK D | 6480 | 0.15 |
| PH 5 RV-2 | 19 | BLK D | 6480 | 0.15 |
| PH 5 RV-2 | 20 | BLK D | 6779 | 0.16 |
| PH 5 RV-2 | 21 | BLK D | 6480 | 0.15 |
| PH 5 RV-2 | 22 | BLK D | 6480 | 0.15 |
| PH 5 RV-2 | 23 | BLK D | 6480 | 0.15 |
| PH 4 OSL & DE | 24 | BLK D | 37469 | 0.86 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 4 RV-2 | 1 | BLK E | 8795 | 0.20 |
| PH 4 RV-2 | 2 | BLK E | 6840 | 0.16 |
| PH 4 RV-2 | 3 | BLK E | 6840 | 0.16 |
| PH 4 RV-2 | 4 | BLK E | 6840 | 0.16 |
| PH 4 RV-2 | 5 | BLK E | 6840 | 0.16 |
| PH 4 RV-2 | 6 | BLK E | 6764 | 0.16 |
| PH 4 RV-2 | 7 | BLK E | 6699 | 0.15 |
| PH 4 RV-2 | 8 | BLK E | 6720 | 0.15 |
| PH 4 RV-2 | 9 | BLK E | 6840 | 0.16 |
| PH 4 RV-2 | 10 | BLK E | 7872 | 0.18 |
| PH 5 RV-2 | 11 | BLK E | 7235 | 0.17 |
| PH 5 RV-2 | 12 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 13 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 14 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 15 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 16 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 17 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 18 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 19 | BLK E | 7209 | 0.17 |
| PH 5 RV-2 | 20 | BLK E | 7032 | 0.16 |
| PH 5 RV-2 | 21 | BLK E | 6480 | 0.15 |
| PH 5 RV-2 | 22 | BLK E | 7632 | 0.18 |
| PH 5 RV-2 | 23 | BLK E | 6480 | 0.15 |
| PH 5 RV-2 | 24 | BLK E | 6480 | 0.15 |
| PH 5 RV-2 | 25 | BLK E | 6223 | 0.14 |
| PH 5 RV-2 | 26 | BLK E | 6450 | 0.15 |
| PH 5 RV-2 | 27 | BLK E | 6480 | 0.15 |
| PH 5 RV-2 | 28 | BLK E | 6959 | 0.16 |
| PH 5 OSL & DE | 29 | BLK E | 111713 | 2.56 |

Block J

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, RV-1 | 1 | | 4687 | 0.108 |
| 6, RV-1 | 2 | | 2875 | 0.066 |
| 6, RV-1 | 3 | | 2875 | 0.066 |
| 6, RV-1 | 4 | | 2875 | 0.066 |
| 6, RV-1 | 5 | | 2875 | 0.066 |
| 6, RV-1 | 6 | | 2875 | 0.066 |
| 6, OSL | 7 | | 4574 | 0.105 |
| 6, RV-1 | 8 | | 2875 | 0.066 |
| 6, RV-1 | 9 | | 2875 | 0.066 |
| 6, RV-1 | 10 | | 2875 | 0.066 |
| 6, RV-1 | 11 | | 2875 | 0.066 |
| 6, RV-1 | 12 | | 2875 | 0.066 |
| 6, RV-1 | 13 | | 4503 | 0.103 |

Block FF

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, OSL | 1 | | 17445 | 0.400 |
| 6, RV-1 | 2 | | 3132 | 0.072 |
| 6, RV-1 | 3 | | 3126 | 0.072 |
| 6, RV-1 | 4 | | 3125 | 0.072 |
| 6, RV-1 | 5 | | 3130 | 0.072 |
| 6, RV-1 | 6 | | 3141 | 0.072 |
| 6, RV-1 | 7 | | 5287 | 0.121 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 4 RV-2 | 1 | BLK F | 7632 | 0.18 |
| PH 4 RV-2 | 2 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 3 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 4 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 5 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 6 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 7 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 8 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 9 | BLK F | 6480 | 0.15 |
| PH 5 RV-2 | 10 | BLK F | 6516 | 0.15 |
| PH 5 RV-2 | 11 | BLK F | 8330 | 0.19 |
| PH 5 RV-2 | 12 | BLK F | 7673 | 0.18 |
| PH 5 RV-2 | 13 | BLK F | 9946 | 0.23 |
| PH 5 OSL & DE | 14 | BLK F | 49854 | 1.14 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 6 OSL & DE | 1 | BLK G | 5528 | 0.13 |
| PH 6 ACCESS | 2 | BLK G | 2863 | 0.07 |
| PH 6 OSL & DE | 3 | BLK G | 23161 | 0.53 |
| PH 7 OSL & DE | 4 | BLK G | 5683 | [illegible] |

Block JJ

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, RV-1 | 1 | | 5017 | 0.115 |
| 6, RV-1 | 2 | | 3249 | 0.075 |
| 6, RV-1 | 3 | | 3249 | 0.075 |
| 6, RV-1 | 4 | | 3247 | 0.075 |
| 6, RV-1 | 5 | | 3187 | 0.073 |
| 6, RV-1 | 6 | | 3101 | 0.071 |
| 6, OSL | 7 | | 1972 | 0.045 |
| 6, RV-1 | 8 | | 2995 | 0.069 |
| 6, RV-1 | 9 | | 2951 | 0.068 |
| 6, RV-1 | 10 | | 2914 | 0.067 |
| 6, RV-1 | 11 | | 2883 | 0.066 |
| 6, OSL | 12 | | 3559 | 0.082 |
| 6, RV-1 | 13 | | 2821 | 0.065 |
| 6, RV-1 | 14 | | 2795 | 0.064 |
| 6, RV-1 | 15 | | 2791 | 0.064 |
| 6, RV-1 | 16 | | 2794 | 0.064 |
| 6, RV-1 | 17 | | 2801 | 0.064 |
| 6, RV-1 | 18 | | 2812 | 0.065 |
| 6, OSL | 19 | | 2549 | 0.059 |
| 6, RV-1 | 20 | | 2797 | 0.064 |
| 6, RV-1 | 21 | | 2796 | 0.064 |
| 6, RV-1 | 22 | | 2800 | 0.064 |
| 6, RV-1 | 23 | | 2823 | 0.065 |
| 6, RV-1 | 24 | | 2908 | 0.067 |
| 6, RV-1 | 25 | | 6146 | 0.141 |

Block L

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 7, RV-1 | 1 | | 4751 | 0.109 |
| 7, RV-1 | 2 | | 3000 | 0.069 |
| 7, RV-1 | 3 | | 3000 | 0.069 |
| 7, RV-1 | 4 | | 3000 | 0.069 |
| 7, RV-1 | 5 | | 3000 | 0.069 |
| 7, RV-1 | 6 | | 3000 | 0.069 |
| 7, OSL | 7 | | 1204 | 0.028 |
| 7, RV-1 | 8 | | 3077 | 0.071 |
| 7, RV-1 | 9 | | 3215 | 0.074 |
| 7, RV-1 | 10 | | 3412 | 0.078 |
| 7, RV-1 | 11 | | 3708 | 0.085 |
| 7, OSL | 12 | | 14131 | 0.324 |
| 7, RV-1 | 13 | | 4408 | 0.101 |
| 7, RV-1 | 14 | | 4479 | 0.103 |
| 7, RV-1 | 15 | | 4602 | 0.106 |
| 7, RV-1 | 16 | | 4761 | 0.109 |
| 7, OSL | 17 | | 9605 | 0.221 |
| 7, RV-1 | 18 | | 4575 | 0.105 |
| 7, RV-1 | 19 | | 4396 | 0.101 |
| 7, RV-1 | 20 | | 4218 | 0.097 |
| 7, RV-1 | 21 | | 4039 | 0.093 |
| 7, RV-1 | 22 | | 3861 | 0.089 |
| 7, RV-1 | 23 | | 3689 | 0.085 |
| 7, OSL | 24 | | 5971 | 0.137 |
| 7, RV-1 | 25 | | 3341 | 0.077 |
| 7, RV-1 | 26 | | 3255 | 0.075 |
| 7, RV-1 | 27 | | 3192 | 0.073 |
| 7, RV-1 | 28 | | 3151 | 0.072 |
| 7, RV-1 | 29 | | 3133 | 0.072 |
| 7, RV-1 | 30 | | 3064 | 0.070 |
| 7, RV-1 | 31 | | 2070 | 0.048 |

LOT TABLE LEGEND

| | |
|---|---|
| CC | CORPORATE CAMPUS |
| CL4 | ZONING CL4 |
| OSL & DE | OPEN SPACE LOT & DRAINAGE ESMT |
| MF-1 | MULTI-FAMILY & COMMERCIAL |
| MX-1, MX-2, MX-3 | MIXED USE COMMERCIAL |
| RV-1 | ATTACHED VILLAGE HOME |
| RV-2, RV-3 | DETACHED VILLAGE HOME |

3.

Block AA

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 7, RV-1 | 1 | | 4503 | 0.103 |
| 7, RV-1 | 2 | | 2875 | 0.066 |
| 7, RV-1 | 3 | | 2875 | 0.066 |
| 7, RV-1 | 4 | | 2879 | 0.066 |
| 7, RV-1 | 5 | | 2920 | 0.067 |
| 7, RV-1 | 6 | | 3008 | 0.069 |
| 7, OSL | 7 | | 4337 | 0.100 |
| 7, RV-1 | 8 | | 3240 | 0.074 |
| 7, RV-1 | 9 | | 3197 | 0.073 |
| 7, RV-1 | 10 | | 3148 | 0.072 |
| 7, RV-1 | 11 | | 3092 | 0.071 |
| 7, RV-1 | 12 | | 3029 | 0.070 |
| 7, RV-1 | 13 | | 2964 | 0.068 |
| 7, OSL | 14 | | 2604 | 0.060 |
| 7, RV-1 | 15 | | 2875 | 0.066 |
| 7, RV-1 | 16 | | 2875 | 0.066 |
| 7, RV-1 | 17 | | 2875 | 0.066 |
| 7, RV-1 | 18 | | 2875 | 0.066 |
| 7, RV-1 | 19 | | 2875 | 0.066 |
| 7, RV-1 | 20 | | 2875 | 0.066 |
| 7, OSL | 21 | | 5750 | 0.132 |
| 7, RV-1 | 22 | | 2875 | 0.066 |
| 7, RV-1 | 23 | | 2875 | 0.066 |
| 7, RV-1 | 24 | | 2875 | 0.066 |
| 7, RV-1 | 25 | | 2875 | 0.066 |
| 7, RV-1 | 26 | | 2875 | 0.066 |
| 7, RV-1 | 27 | | 4503 | 0.103 |

Block BB

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 7, RV-1 | 1 | | 5637 | 0.129 |
| 7, RV-1 | 2 | | 2926 | 0.067 |
| 7, RV-1 | 3 | | 2990 | 0.069 |
| 7, RV-1 | 4 | | 3067 | 0.070 |
| 7, RV-1 | 5 | | 3138 | 0.072 |
| 7, RV-1 | 6 | | 3204 | 0.074 |
| 7, OSL | 7 | | 8647 | 0.199 |
| 7, RV-1 | 8 | | 2978 | 0.068 |
| 7, RV-1 | 9 | | 2902 | 0.067 |
| 7, RV-1 | 10 | | 2876 | 0.066 |
| 7, RV-1 | 11 | | 2875 | 0.066 |
| 7, RV-1 | 12 | | 2875 | 0.066 |
| 7, RV-1 | 13 | | 2875 | 0.066 |
| 7, OSL | 14 | | 5750 | 0.132 |
| 7, RV-1 | 15 | | 2875 | 0.066 |
| 7, RV-1 | 16 | | 2875 | 0.066 |
| 7, RV-1 | 17 | | 2875 | 0.066 |
| 7, RV-1 | 18 | | 2875 | 0.066 |
| 7, RV-1 | 19 | | 2875 | 0.066 |
| 7, RV-1 | 20 | | 4503 | 0.103 |

Block CC

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 7, OSL | 1 | | 9770 | 0.224 |
| 7, RV-1 | 2 | | 2762 | 0.063 |
| 7, RV-1 | 3 | | 2845 | 0.065 |
| 7, RV-1 | 4 | | 2873 | 0.066 |
| 7, RV-1 | 5 | | 2875 | 0.066 |
| 7, RV-1 | 6 | | 2875 | 0.066 |
| 7, RV-1 | 7 | | 2875 | 0.066 |
| 7, OSL | 8 | | 5750 | 0.132 |
| 7, RV-1 | 9 | | 2875 | 0.066 |
| 7, RV-1 | 10 | | 2875 | 0.066 |
| 7, RV-1 | 11 | | 2875 | 0.066 |
| 7, RV-1 | 12 | | 2875 | 0.066 |
| 7, RV-1 | 13 | | 2875 | 0.066 |
| 7, RV-1 | 14 | | 4503 | 0.103 |

Block DD

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, OSL | 1 | | 7388 | 0.170 |
| 6, RV-1 | 2 | | 4273 | 0.098 |
| 6, RV-1 | 3 | | 4111 | 0.094 |
| 6, RV-1 | 4 | | 3848 | 0.088 |
| 6, RV-1 | 5 | | 3645 | 0.084 |
| 6, RV-1 | 6 | | 3506 | 0.080 |
| 6, RV-1 | 7 | | 3441 | 0.079 |
| 6, OSL | 8 | | 4846 | 0.111 |
| 6, RV-1 | 9 | | 3559 | 0.082 |
| 6, RV-1 | 10 | | 3673 | 0.084 |
| 6, RV-1 | 11 | | 3812 | 0.088 |
| 6, RV-1 | 12 | | 3976 | 0.091 |
| 6, RV-1 | 13 | | 4166 | 0.096 |
| 6, RV-1 | 14 | | 4383 | 0.101 |
| 6, OSL | 15 | | 11575 | 0.266 |
| 6, RV-1 | 16 | | 2750 | 0.063 |
| 6, RV-1 | 17 | | 2750 | 0.063 |
| 6, RV-1 | 18 | | 2750 | 0.063 |
| 6, RV-1 | 19 | | 2750 | 0.063 |
| 6, RV-1 | 20 | | 2750 | 0.063 |
| 6, RV-1 | 21 | | 4217 | 0.097 |
| 6, OSL | 22 | | 20080 | 0.461 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 RV-3 | 2 | BLK O | 7246 | 0.17 |
| PH 2 RV-3 | 3 | BLK O | 6687 | 0.15 |
| PH 2 RV-3 | 4 | BLK O | 6480 | 0.15 |
| PH 2 RV-3 | 5 | BLK O | 6623 | 0.15 |
| PH 2 RV-3 | 6 | BLK O | 7140 | 0.16 |
| PH 2 RV-3 | 7 | BLK O | 7503 | 0.17 |
| PH 2 RV-3 | 8 | BLK O | 8703 | 0.20 |
| PH 2 RV-3 | 9 | BLK O | 8528 | 0.20 |
| PH 2 RV-3 | 10 | BLK O | 8585 | 0.20 |
| PH 2 OSL & DE | 11 | BLK O | 25191 | 0.58 |
| PH 3 OSL & DE | 12 | BLK O | 7408 | 0.17 |
| PH 3 RV-3 | 13 | BLK O | 9986 | 0.23 |
| PH 3 RV-3 | 14 | BLK O | 7806 | 0.18 |
| PH 3 RV-3 | 15 | BLK O | 7369 | 0.17 |
| PH 3 RV-3 | 16 | BLK O | 7072 | 0.16 |
| PH 3 RV-3 | 17 | BLK O | 6478 | 0.15 |
| PH 3 RV-3 | 18 | BLK O | 6714 | 0.15 |
| PH 3 RV-3 | 19 | BLK O | 7486 | 0.17 |
| PH 3 RV-3 | 20 | BLK O | 8556 | 0.20 |
| PH 3 RV-3 | 21 | BLK O | 10599 | 0.24 |
| PH 3 RV-3 | 22 | BLK O | 11230 | 0.26 |
| PH 3 RV-3 | 23 | BLK O | 10952 | 0.25 |
| PH 3 RV-3 | 24 | BLK O | 16535 | 0.38 |
| PH 3 RV-3 | 25 | BLK O | 11578 | 0.27 |
| PH 3 RV-3 | 26 | BLK O | 12405 | 0.28 |
| PH 3 RV-3 | 27 | BLK O | 11664 | 0.27 |
| PH 3 RV-3 | 28 | BLK O | 10923 | 0.25 |
| PH 3 RV-3 | 29 | BLK O | 8244 | 0.19 |
| PH 3 RV-3 | 30 | BLK O | 8221 | 0.19 |
| PH 3 RV-3 | 31 | BLK O | 8383 | 0.19 |
| PH 3 OSL & DE | 32 | BLK O | 1306 | 0.03 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 RV-3 | 1 | BLK P | 9159 | 0.21 |
| PH 2 OSL & DE | 2 | BLK P | 4314 | 0.10 |
| PH 3 OSL & DE | 3 | BLK P | 19397 | 0.45 |
| PH 3 RV-3 | 4 | BLK P | 6480 | 0.15 |
| PH 3 RV-3 | 5 | BLK P | 6480 | 0.15 |
| PH 3 RV-3 | 6 | BLK P | 6480 | 0.15 |
| PH 3 RV-3 | 7 | BLK P | 6480 | 0.15 |
| PH 3 RV-3 | 8 | BLK P | 6956 | 0.16 |
| PH 3 RV-3 | 9 | BLK P | 6727 | 0.15 |
| PH 3 RV-3 | 10 | BLK P | 9877 | 0.23 |
| PH 3 RV-3 | 11 | BLK P | 7890 | 0.18 |
| PH 3 RV-3 | 12 | BLK P | 8153 | 0.19 |
| PH 3 RV-3 | 13 | BLK P | 8187 | 0.19 |
| PH 3 RV-3 | 14 | BLK P | 8192 | 0.19 |
| PH 3 RV-3 | 15 | BLK P | 8196 | 0.19 |
| PH 3 RV-3 | 16 | BLK P | 8201 | 0.19 |
| PH 3 RV-3 | 17 | BLK P | 8372 | 0.19 |
| PH 3 OSL & DE | 18 | BLK P | 1305 | 0.03 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 OSL & DE | 1 | BLK Q | 47441 | 1.09 |

Block II

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, RV-1 | 1 | | 4503 | 0.103 |
| 6, RV-1 | 2 | | 2875 | 0.066 |
| 6, RV-1 | 3 | | 2875 | 0.066 |
| 6, RV-1 | 4 | | 2875 | 0.066 |
| 6, RV-1 | 5 | | 2875 | 0.066 |
| 6, RV-1 | 6 | | 2875 | 0.066 |
| 6, OSL | 7 | | 2088 | 0.048 |
| 6, RV-1 | 8 | | 2900 | 0.067 |
| 6, RV-1 | 9 | | 2884 | 0.066 |
| 6, RV-1 | 10 | | 2876 | 0.066 |
| 6, RV-1 | 11 | | 2876 | 0.066 |
| 6, RV-1 | 12 | | 2884 | 0.066 |
| 6, RV-1 | 13 | | 2900 | 0.067 |
| 6, OSL | 14 | | 4257 | 0.098 |
| 6, RV-1 | 15 | | 2900 | 0.067 |
| 6, RV-1 | 16 | | 2884 | 0.066 |
| 6, RV-1 | 17 | | 2876 | 0.066 |
| 6, RV-1 | 18 | | 2876 | 0.066 |
| 6, RV-1 | 19 | | 2884 | 0.066 |
| 6, RV-1 | 20 | | 5390 | 0.124 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 RV-3 | 1 | BLK R | 7615 | 0.17 |
| PH 2 RV-3 | 2 | BLK R | 6480 | 0.15 |
| PH 2 RV-3 | 3 | BLK R | 6480 | 0.15 |
| PH 2 RV-3 | 4 | BLK R | 8089 | 0.19 |
| PH 2 RV-3 | 5 | BLK R | 8061 | 0.19 |
| PH 2 RV-3 | 6 | BLK R | 8052 | 0.18 |
| PH 2 RV-3 | 7 | BLK R | 8052 | 0.18 |
| PH 2 RV-3 | 8 | BLK R | 11550 | 0.27 |
| PH 2 RV-3 | 9 | BLK R | 7620 | 0.17 |
| PH 2 RV-3 | 10 | BLK R | 6535 | 0.15 |
| PH 2 RV-3 | 11 | BLK R | 6480 | 0.15 |
| PH 2 RV-3 | 12 | BLK R | 6480 | 0.15 |
| PH 2 RV-3 | 13 | BLK R | 7632 | 0.18 |
| PH 2 RV-3 | 14 | BLK R | 6480 | 0.15 |
| PH 2 RV-3 | 15 | BLK R | 6480 | 0.15 |
| PH 2 RV-3 | 16 | BLK R | 6480 | 0.15 |
| PH 2 OSL & DE | 17 | BLK R | 39410 | 0.90 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 3 RV-3 | 1 | BLK S | 8052 | 0.18 |
| PH 3 RV-3 | 2 | BLK S | 6776 | 0.16 |
| PH 3 RV-3 | 3 | BLK S | 6487 | 0.15 |
| PH 3 RV-3 | 4 | BLK S | 7888 | 0.18 |
| PH 3 RV-3 | 5 | BLK S | 8052 | 0.18 |
| PH 3 RV-3 | 6 | BLK S | 8052 | 0.18 |
| PH 3 RV-3 | 7 | BLK S | 8052 | 0.18 |
| PH 3 RV-3 | 8 | BLK S | 7445 | 0.17 |
| PH 3 RV-3 | 9 | BLK S | 6480 | 0.15 |
| PH 3 RV-3 | 10 | BLK S | 7632 | 0.18 |
| PH 3 RV-3 | 11 | BLK S | 6480 | 0.15 |
| PH 3 RV-3 | 12 | BLK S | 6480 | 0.15 |
| PH 3 RV-3 | 13 | BLK S | 6480 | 0.15 |
| PH 3 RV-3 | 14 | BLK S | 6480 | 0.15 |
| PH 3 RV-3 | 15 | BLK S | 6480 | 0.15 |
| PH 2 RV-3 | 16 | BLK S | 7951 | 0.18 |
| PH 2 RV-3 | 17 | BLK S | 13385 | 0.31 |
| PH 2 RV-3 | 18 | BLK S | 7177 | 0.16 |
| PH 2 RV-3 | 19 | BLK S | 7204 | 0.17 |
| PH 2 RV-3 | 20 | BLK S | 9125 | 0.21 |
| PH 3 OSL & DE | 21 | BLK S | 66152 | 1.52 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 RV-3 | 1 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 2 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 3 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 4 | BLK T | 8136 | 0.19 |
| PH 2 RV-3 | 5 | BLK T | 9812 | 0.23 |
| PH 2 RV-3 | 6 | BLK T | 7367 | 0.17 |
| PH 2 RV-3 | 7 | BLK T | 7162 | 0.16 |
| PH 2 RV-3 | 8 | BLK T | 6763 | 0.16 |
| PH 2 RV-3 | 9 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 10 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 11 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 12 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 13 | BLK T | 7632 | 0.18 |
| PH 2 RV-3 | 14 | BLK T | 7357 | 0.17 |
| PH 2 RV-3 | 15 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 16 | BLK T | 7149 | 0.16 |
| PH 2 RV-3 | 17 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 18 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 19 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 20 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 21 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 22 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 23 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 24 | BLK T | 7322 | 0.17 |
| PH 2 RV-3 | 25 | BLK T | 7713 | 0.18 |
| PH 2 RV-3 | 26 | BLK T | 6513 | 0.15 |
| PH 2 RV-3 | 27 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 28 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 29 | BLK T | 6480 | 0.15 |
| PH 2 RV-3 | 30 | BLK T | 7632 | 0.18 |
| PH 2 OSL & DE | 31 | BLK T | 116876 | 2.68 |

3.

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 RV-3 | 1 | BLK U | 14476 | 0.33 |
| PH 2 RV-3 | 2 | BLK U | 7657 | 0.18 |
| PH 3 RV-3 | 3 | BLK U | 6758 | 0.16 |
| PH 3 RV-3 | 4 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 5 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 6 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 7 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 8 | BLK U | 7632 | 0.18 |
| PH 3 RV-3 | 9 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 10 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 11 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 12 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 13 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 14 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 15 | BLK U | 6480 | 0.15 |
| PH 3 RV-3 | 16 | BLK U | 6480 | 0.15 |
| PH 2 RV-3 | 17 | BLK U | 6480 | 0.15 |
| PH 2 RV-3 | 18 | BLK U | 7632 | 0.18 |
| PH 2 RV-3 | 19 | BLK U | 6480 | 0.15 |
| PH 2 RV-3 | 20 | BLK U | 6480 | 0.15 |
| PH 2 RV-3 | 21 | BLK U | 6480 | 0.15 |
| PH 2 RV-3 | 22 | BLK U | 6480 | 0.15 |
| PH 2 RV-3 | 23 | BLK U | 7185 | 0.16 |
| PH 3 OSL & DE | 24 | BLK U | 73195 | 1.68 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 2 OSL & DE | 1 | BLK V | 130570 | 3.00 |
| PH 2 RV-3 | 2 | BLK V | 6652 | 0.15 |
| PH 2 RV-3 | 3 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 4 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 5 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 6 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 7 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 8 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 9 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 10 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 11 | BLK V | 6948 | 0.16 |
| PH 2 RV-3 | 12 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 13 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 14 | BLK V | 6941 | 0.16 |
| PH 2 RV-3 | 15 | BLK V | 11125 | 0.26 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 1 OSL & DE | 1 | BLK W | 225062 | 5.17 |
| PH 9 MF-1 | 2 | BLK W | 865154 | 19.86 |
| PH 1 CL4 | 3 | BLK W | 104235 | 2.39 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 1 OSL & DE | 1 | BLK X | 116460 | 2.67 |

| LOT TABLE | | | | |
|---|---|---|---|---|
| PHASE, TYPE | LOT No. | BLOCK | SQFT | AC |
| PH 1 OSL & DE | 1 | BLK Y | 576048 | 13.22 |
| PH 1 CL4 | 4 | BLK Y | 79824 | 1.83 |

Block K

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, OSL | 1 | | 10478 | 0.241 |
| 6, RV-1 | 2 | | 2840 | 0.065 |
| 6, RV-1 | 3 | | 2864 | 0.066 |
| 6, RV-1 | 4 | | 2880 | 0.066 |
| 6, RV-1 | 5 | | 2887 | 0.066 |
| 6, RV-1 | 6 | | 2885 | 0.066 |
| 6, RV-1 | 7 | | 2875 | 0.066 |
| 6, OSL | 8 | | 3222 | 0.074 |

Block HH

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 6, RV-1 | 1 | | 4503 | 0.103 |
| 6, RV-1 | 2 | | 2875 | 0.066 |
| 6, RV-1 | 3 | | 2875 | 0.066 |
| 6, RV-1 | 4 | | 2875 | 0.066 |
| 6, RV-1 | 5 | | 2877 | 0.066 |
| 6, RV-1 | 6 | | 2910 | 0.067 |
| 6, OSL | 7 | | 7672 | 0.176 |
| 6, RV-1 | 8 | | 3058 | 0.070 |
| 6, RV-1 | 9 | | 3031 | 0.070 |
| 6, RV-1 | 10 | | 3011 | 0.069 |
| 6, RV-1 | 11 | | 3000 | 0.069 |
| 6, RV-1 | 12 | | 2997 | 0.069 |
| 6, RV-1 | 13 | | 5873 | 0.135 |

## PARKLAND CALCULATIONS

| SINGLE FAMILY | | |
|---|---|---|
| Number of Units: | 444 | Units |
| Persons/Unit: | 3 | |
| Acres to be Dedicated: | 8.79 | Acres |
| Development Fee per unit: | $745 | |
| Development Fee: | $330,780 | |
| **MULTI-FAMILY** | | |
| Number of Units: | 500 | Units |
| Persons/Unit: | 2 | |
| Acres to be Dedicated: | 6.60 | Acres |
| Development Fee per unit: | $496 | |
| Development Fee: | $248,000 | |
| Total Acres Required to be Dedicate | 15.39 | Acres |
| Total Park Development Fee Requi | $578,780 | |

| OVERALL LAKESIDE MEADOWS PUD PARKLAND DEDICATION | | |
|---|---|---|
| TOTAL PUBLIC PARKLAND PROVIDED | 76.55 | Acres |
| PUBLIC PARKLAND WITHIN 25-YEAR FLOODPLAIN (NO CREDIT) | 56.98 | Acres |
| PUBLIC PARKLAND BETWEEN 25 AND 100-YEAR FLOODPLAIN (50% CREDIT) | 7.03 | Acres |
| TOTAL CREDITABLE PUBLIC PARKLAND PROVIDED | 16.06 | Acres |

| | | |
|---|---|---|
| Parkland Required | 15.39 | Acres |
| Parkland Provided | 16.06 | Acres |

| Creditable Parkland Dedication by Phase | | |
|---|---|---|
| Phase | Parkland Dedicated | Units |
| 1 | 14.5 | Acres |
| 2 | 0 | Acres |
| 3 | 0 | Acres |
| 4 | 0 | Acres |
| 5 | 0 | Acres |
| 6 | 0 | Acres |
| 7 | 0 | Acres |
| 8 | 0 | Acres |
| 9 | 0 | Acres |
| 10 | 0 | Acres |
| 11 | 0 | Acres |
| Industrial Site* | 1.56 | Acres |
| TOTAL | 16.06 | Acres |

*Reference Lakeside Meadows Industrial Preliminary Plan. Per Lakeside Meadows PUD.

## PHASE SUMMARY

| Lot Count by Phase | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phase | Area (Acres) | CC | CL4 | MX-1 | MX-2 | MX-3 | RV-1 | RV-2 | RV-3 | MF-1 | ALLEY | OSL & DE | MEDIAN |
| 1 | 171.5 | 1 | | | | 2 | | | | | | 4 | 3 |
| 2 | 29.76 | | | | | | | | 84 | | | 6 | 1 |
| 3 | 17.97 | | | | | | | | 62 | | | 6 | |
| 4 | 19.03 | | | | | 1 | | 62 | | | | 1 | |
| 5 | 12.79 | | | | | | | 38 | | | | 3 | |
| 6 | 15.19 | | | | | | 94 | | | | | 18 | |
| 7 | 12.22 | | | | | | 104 | | | | | 18 | |
| 8 | 8.87 | | | 1 | | | | | | | | | |
| 9 | 19.86 | | | | | | | | | 1 | | | |
| 10 | 4.22 | | 2 | | | | | | | | | | |
| 11 | 14.10 | | | 1 | | | | | | | | | |
| Total | 325.5 | 1 | 2 | 2 | 0 | 3 | 198 | 100 | 146 | 1 | 0 | 56 | 4 |

## PUBLIC STREET SUMMARY

| Street Table | | | | | |
|---|---|---|---|---|---|
| Name | Suffix | Classification | Length (ft | ROW (ft) | Pavement (ft |
| BALATON | BLVD | Collector | 5192 | 70-115 | 50-62 |
| COLORADO SAND | DR | Collector | 2942 | 70 | 50 |
| AMMERSEE | LN | Local | 1908 | 50 | 30 |
| CONSTANCE | WAY | Local | 1295 | 50 | 30 |
| BODENSEE | RUN | Local | 133 | 50 | 30 |
| STARNBERG | BEND | Local | 2180 | 50 | 30 |
| TORRENS | TRL | Local | 1456 | 50 | 30 |
| SUPERIOR | CV | Local | 106 | 50 | 30 |
| HURON | LN | Local | 1211 | 50 | 30 |
| PINKSTON | WAY | Local | 1060 | 50 | 30 |
| TELLICO | DR | Local | 1456 | 50 | 30 |
| LOCH | LN | Local | 1132 | 50 | 30 |
| TEXOMA | DR | Local | 1462 | 50 | 30 |
| LOMOND | WAY | Local | 1968 | 50 | 30 |
| FOREL | RD | Local | 636 | 50 | 30 |
| SANABRIA | DR | Alley | 847 | 35 | 30 |
| ALLEY 1 | | Alley | 627 | 25 | 20 |
| ALLEY 2 | | Alley | 971 | 25 | 20 |
| ALLEY 3 | | Alley | 705 | 25 | 20 |
| ALLEY 4 | | Alley | 185 | 25 | 20 |
| ALLEY 5 | | Alley | 1277 | 25-35 | 20-30 |
| ALLEY 6 | | Alley | 154 | 25 | 20 |
| ALLEY 7 | | Alley | 153 | 25 | 20 |
| ALLEY 8 | | Alley | 162 | 25 | 20 |

Block H

| Phase | Lot | Block | SQFT | AC |
|---|---|---|---|---|
| 7, RV-1 | 1 | | 4503 | 0.103 |
| 7, RV-1 | 2 | | 2875 | 0.066 |
| 7, RV-1 | 3 | | 2875 | 0.066 |
| 7, RV-1 | 4 | | 2875 | 0.066 |
| 7, RV-1 | 5 | | 2875 | 0.066 |
| 7, RV-1 | 6 | | 2875 | 0.066 |
| 7, OSL | 7 | | 1150 | 0.026 |
| 7, RV-1 | 8 | | 2890 | 0.066 |
| 7, RV-1 | 9 | | 2942 | 0.068 |
| 7, RV-1 | 10 | | 3002 | 0.069 |
| 7, RV-1 | 11 | | 2845 | 0.065 |
| 7, OSL | 12 | | 14671 | 0.337 |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

DUSTIN J. GOSS
91805
09/09/2024

**PAPE-DAWSON ENGINEERS**

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
## CITY OF PFLUGERVILLE, TEXAS
## SUMMARY & LOT TABLES

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED **PS** DRAWN CR
SHEET 03 OF 29

Date: Sep 09, 2024, 10:51am User ID: psylvester
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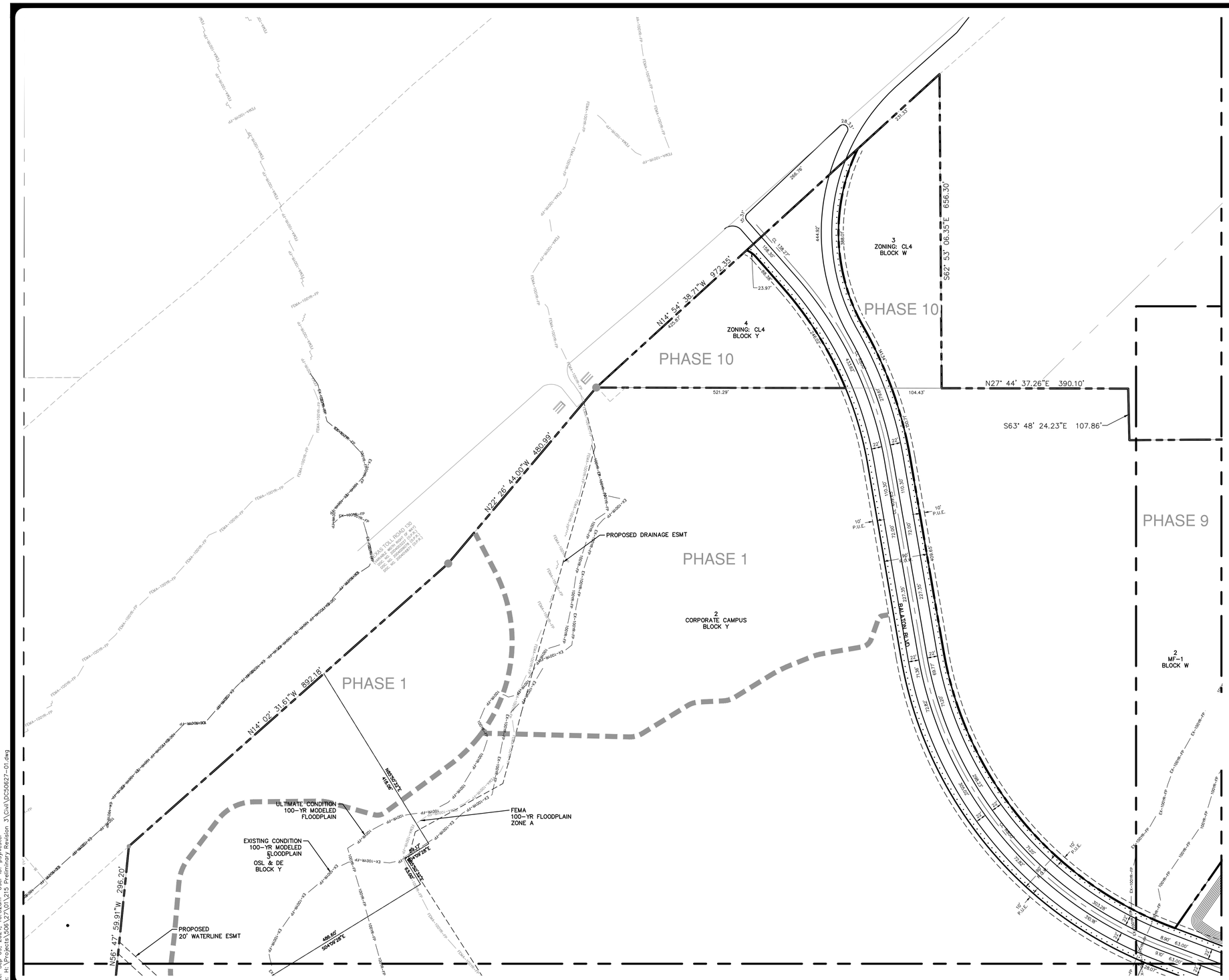



SCALE: 1"= 100'

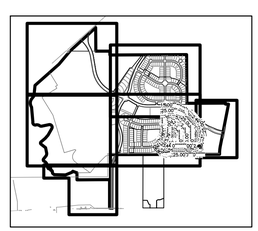
0' 100' 200' 300'

## LEGEND

| | |
|---|---|
| | BOUNDARY & PHASE LINE |
| | RIGHT-OF-WAY |
| | ROAD CENTER LINE (CL) |
| | LOT LINE |
| | EASEMENT (ESMT) |
| OHE | OVERHEAD ELECTRIC LINE |
| FP | FEMA 100YR FLOODPLAIN |
| FD. 1/2" I.R. | SURVEY MONUMENTATION FOUND |
| OSL & DE | OPEN SPACE LOT & DRAINAGE ESMT |
| O.P.R. | OPEN PUBLIC RECORDS OF TRAVIS COUNTY, TX |
| D.R. | DEED RECORDS OF TRAVIS COUNTY, TX |
| R.P.R. | REAL PROPERTY RECORDS OF TRAVIS COUNTY, TX |
| P.O.B. | POINT OF BEGINNING |
| | SIDEWALK (PER PUD AGREEMENT) – 10' ALONG COLLECTORS – 6' ALONG LOCAL (SF ATTACHED) – 4' ALONG LOCAL (SF DETACHED) |
| | 10' HIKE & BIKE TRAIL |
| FEMA-100YR-FP | 100 YEAR FEMA FLOODPLAIN |
| EX-100YR-FP | 100 YEAR EXISTING MODELED FLOODPLAIN |
| 100YR-FP | 100 YEAR ULTIMATE MODELED FLOODPLAIN |

## NOTES

1. SEE SHEET 03 – SUMMARY & LOT TABLES FOR LAND USE AND STREET SUMMARY TABLES AND PARCEL LOT TABLES.
2. PER THE PUD, HIKE AND BIKE TRAILS ALONG THE CREEK ARE TO BE CONSTRUCTED IN THE FIRST PHASE WITH RESIDENTIAL USE. SUBSEQUENT HIKE AND BIKE TRAILS SHALL BE CONSTRUCTED AT THE TIME OF THE CONSTRUCTION OF THE PHASE IN WHICH IT IS LOCATED. ROUTES OF HIKE AND BIKE TRAILS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH FINAL DESIGN.
3. TXDOT APPROVAL SHALL BE OBTAINED FOR STREET CONNECTION ONTO SH-130 FRONTAGE.
4. MEDIAN BREAKS (WHERE NECESSARY) SHALL BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC IMPACT ANALYSIS. DETAILS FOR MEDIAN BREAKS SHALL BE PROVIDED WITH THE ROADWAY CONSTRUCTION PLANS.



KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DIMENSION CONTROL (1 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN CR
SHEET 04 OF 29

Date: Sep 09, 2024, 10:52am User ID: psylvester
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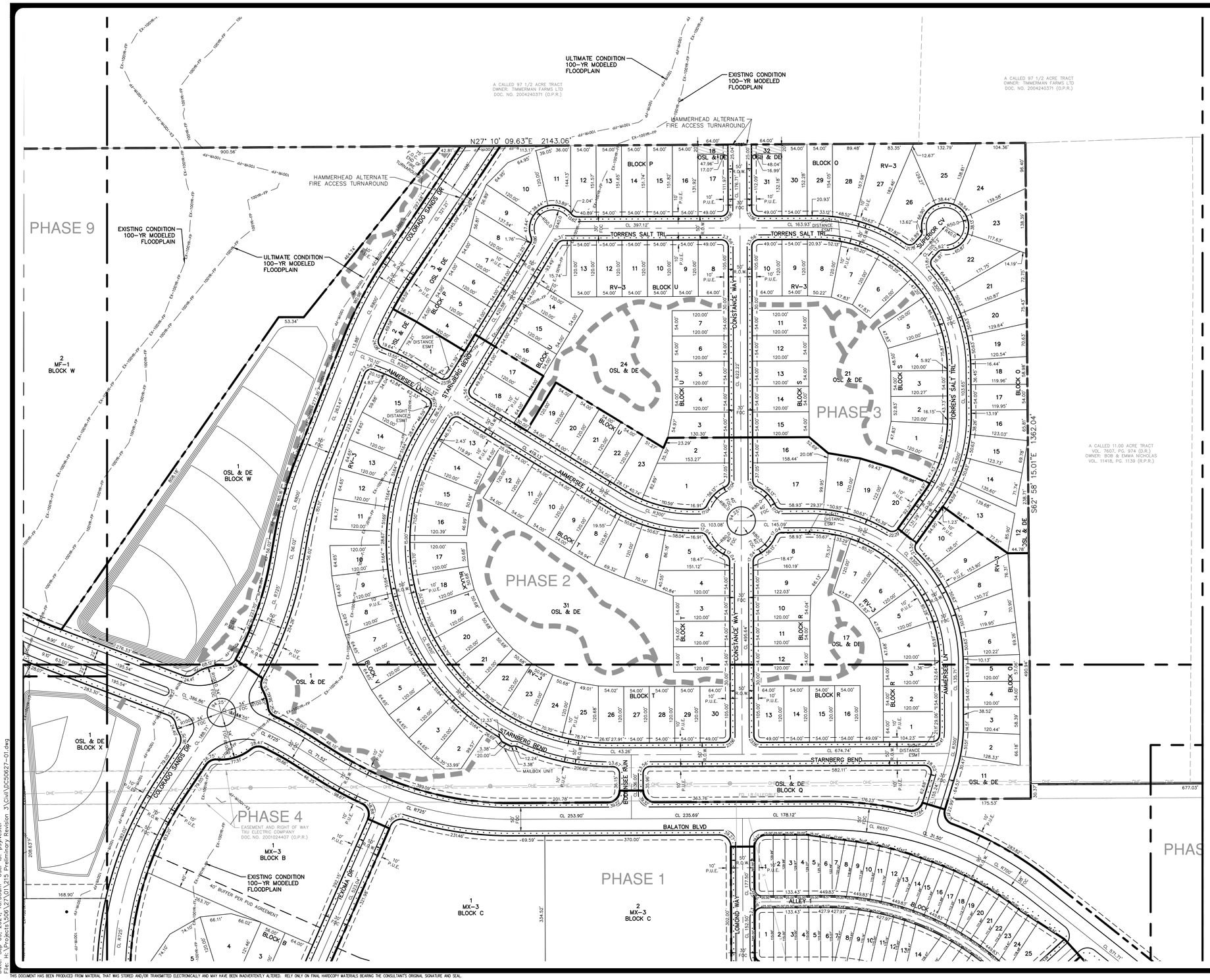


SCALE: 1"= 100'

0' 100' 200' 300'

## LEGEND

- BOUNDARY & PHASE LINE
- RIGHT-OF-WAY
- ROAD CENTER LINE (CL)
- LOT LINE
- EASEMENT (ESMT)
- OHE — OVERHEAD ELECTRIC LINE
- FP — FEMA 100YR FLOODPLAIN
- FD. 1/2" I.R. — SURVEY MONUMENTATION FOUND
- OSL & DE — OPEN SPACE LOT & DRAINAGE ESMT
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- P.O.B. — POINT OF BEGINNING
- SIDEWALK (PER PUD AGREEMENT)
  - 10' ALONG COLLECTORS
  - 6' ALONG LOCAL (SF ATTACHED; RV-1)
  - 4' ALONG LOCAL (SF DETACHED; RV-2, RV-3)
- 10' HIKE & BIKE TRAIL
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
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## NOTES

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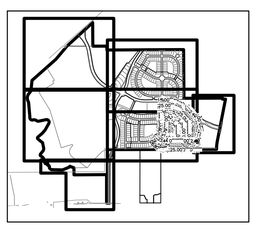
3. FIRE ACCESS TURNAROUNDS ARE TO BE MARKED AS FIRE LANES AND SHALL HAVE GATES OR BARRIERS TO PREVENT UNAUTHORIZED PARKING.
4. MEDIAN BREAKS (WHERE NECESSARY) SHALL BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC IMPACT ANALYSIS. DETAILS FOR MEDIAN BREAKS SHALL BE PROVIDED WITH THE ROADWAY CONSTRUCTION PLANS.



KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
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10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX. 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DIMENSION CONTROL (2 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN CR
SHEET 05 OF 29

Date: Sep 09, 2024, 10:53am User ID: psylvester
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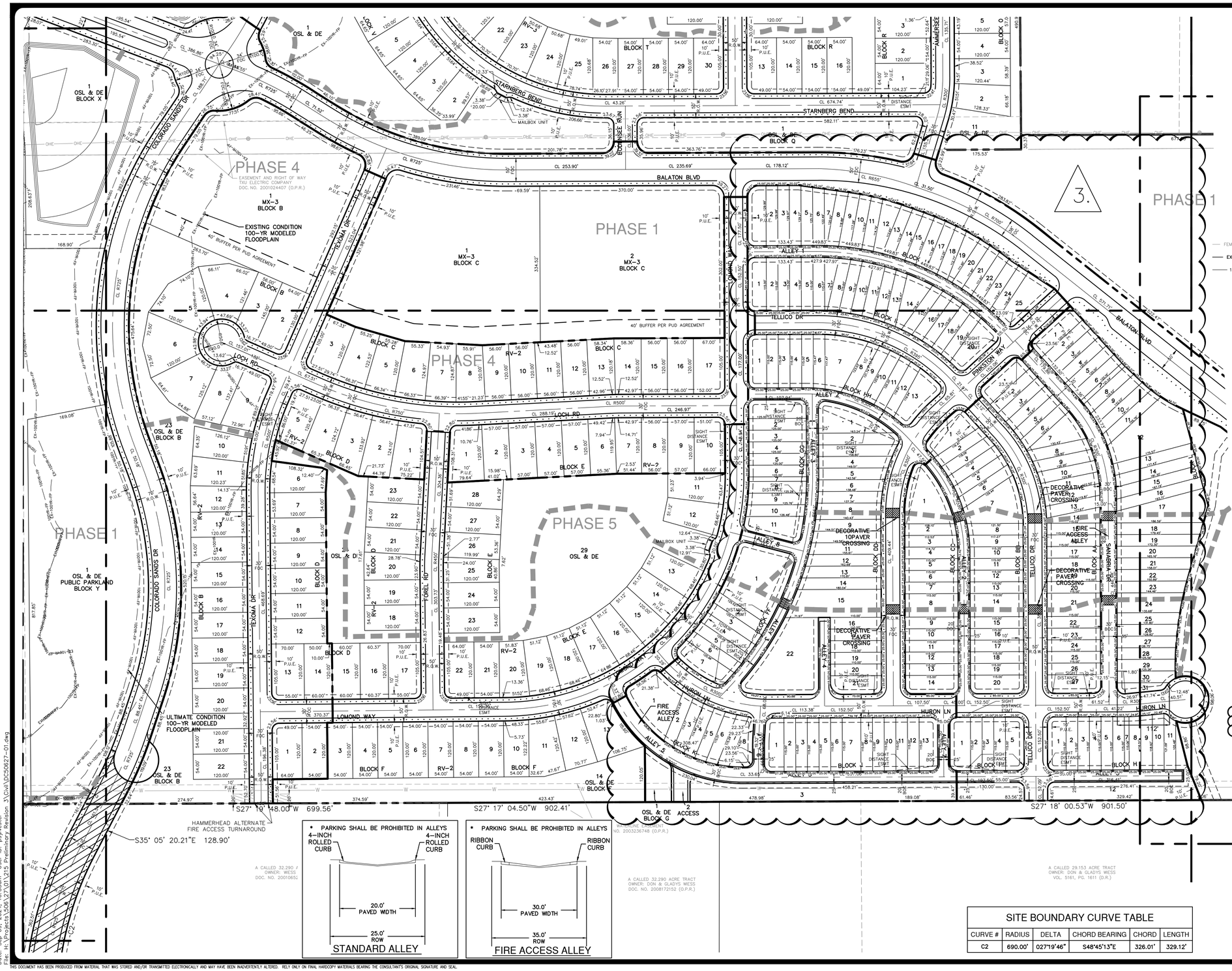





## LEGEND

- BOUNDARY & PHASE LINE
- RIGHT-OF-WAY
- ROAD CENTER LINE (CL)
- LOT LINE
- EASEMENT (ESMT)
- OVERHEAD ELECTRIC LINE
- FEMA 100YR FLOODPLAIN
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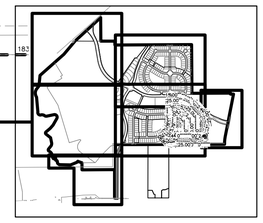
3. FIRE ACCESS TURNAROUNDS ARE TO BE MARKED AS FIRE LANES AND SHALL HAVE GATES OR BARRIERS TO PREVENT UNAUTHORIZED PARKING.
4. IF RV-1 LOTS CONTAIN 3 OR MORE ATTACHED UNITS PER DWELLING, FIRE SPRINKLER PROTECTION IS REQUIRED. IF FIRE SPRINKLERS ARE REQUIRED FOR THE ATTACHED DWELLINGS, SPRINKLER RISER ROOMS AND UNDERGROUND PIPING WILL BE REQUIRED TO BE IDENTIFIED ON THE APPLICABLE SITE DEVELOPMENT AND/OR CONSTRUCTION PLANS.
5. MEDIAN BREAKS (WHERE NECESSARY) SHALL BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC IMPACT ANALYSIS. DETAILS FOR MEDIAN BREAKS SHALL BE PROVIDED WITH THE ROADWAY CONSTRUCTION PLANS.
6. ALL NON-RESIDENTIAL LOTS IN THE RV-1 AREA SHALL BE OWNED AND MAINTAINED BY THE HOMEOWNER'S ASSOCIATION.

## SITE BOUNDARY CURVE TABLE

| CURVE # | RADIUS | DELTA | CHORD BEARING | CHORD | LENGTH |
|---|---|---|---|---|---|
| C2 | 690.00' | 027°19'46" | S48°45'13"E | 326.01' | 329.12' |



KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS — DUSTIN J. GOSS — 91805 — LICENSED PROFESSIONAL ENGINEER — 09/09/2024

PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
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TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

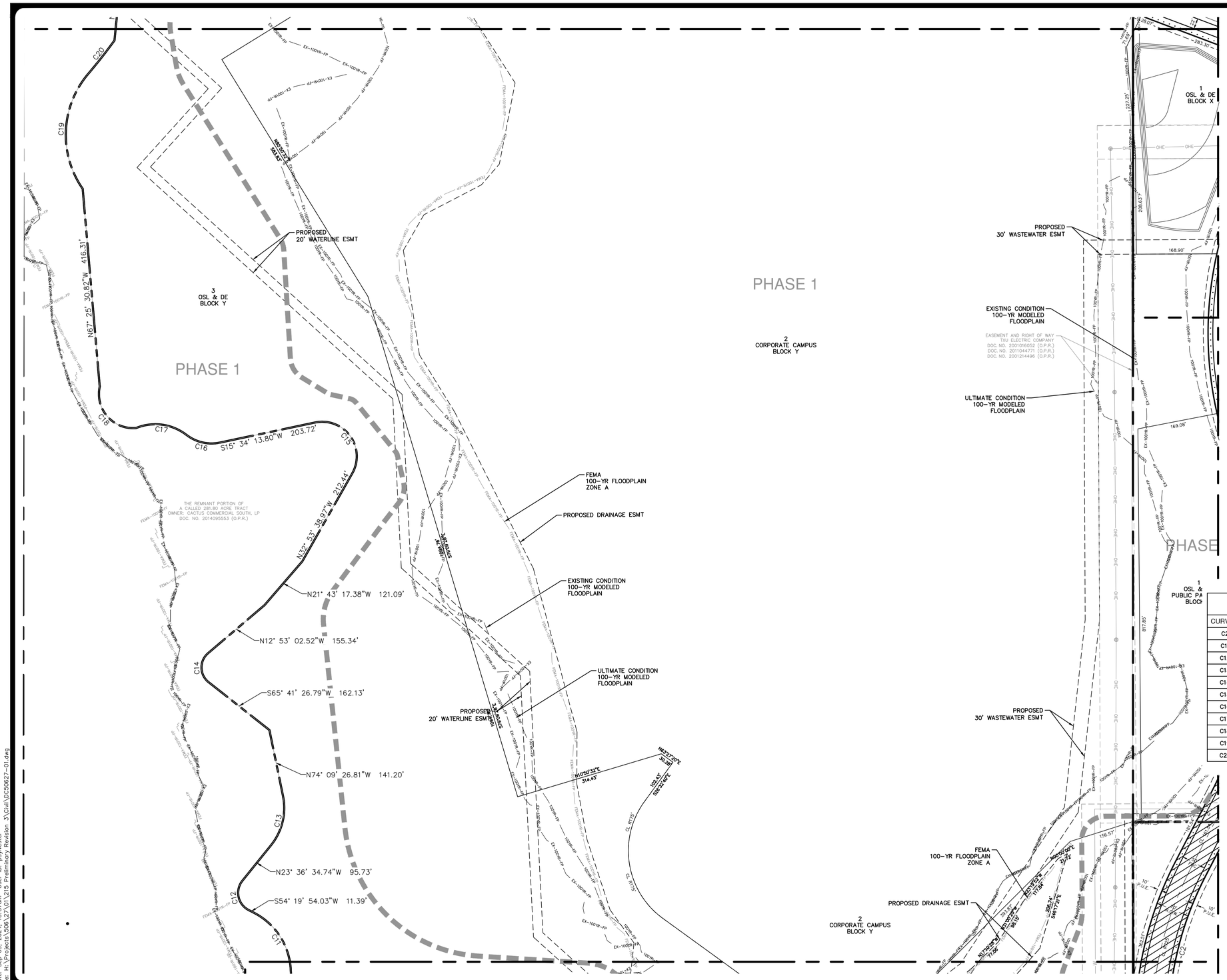
# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DIMENSION CONTROL (3 OF 5)

CITY JOB No. _____
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN CR
SHEET 06 OF 29

Date: Sep 09, 2024, 10:55am User ID: psylvester
File: H:\Projects\506\27\01\315 Preliminary Revision 3\Civil\DC50627-01.dwg

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## LEGEND

| | |
|---|---|
| | BOUNDARY & PHASE LINE |
| | RIGHT-OF-WAY |
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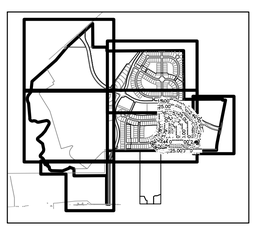
| FEMA-100YR-FP | 100 YEAR FEMA FLOODPLAIN |
| EX-100YR-FP | 100 YEAR EXISTING MODELED FLOODPLAIN |
| 100YR-FP | 100 YEAR ULTIMATE MODELED FLOODPLAIN |

## NOTES

1. SEE SHEET 03 – SUMMARY & LOT TABLES FOR LAND USE AND STREET SUMMARY TABLES AND PARCEL LOT TABLES.
2. PER THE PUD, HIKE AND BIKE TRAILS ALONG THE CREEK ARE TO BE CONSTRUCTED IN THE FIRST PHASE WITH RESIDENTIAL USE. SUBSEQUENT HIKE AND BIKE TRAILS SHALL BE CONSTRUCTED AT THE TIME OF THE CONSTRUCTION OF THE PHASE IN WHICH IT IS LOCATED. ROUTES OF HIKE AND BIKE TRAILS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH FINAL DESIGN.

## SITE BOUNDARY CURVE TABLE

| CURVE # | RADIUS | DELTA | CHORD BEARING | CHORD | LENGTH |
|---|---|---|---|---|---|
| C2 | 690.00' | 027°19'46" | S48°45'13"E | 326.01' | 329.12' |
| C11 | 142.30' | 061°16'45" | S84°58'17"W | 145.04' | 152.19' |
| C12 | 40.65' | 102°03'31" | N74°38'20"W | 63.20' | 72.40' |
| C13 | 124.14' | 050°32'52" | N48°53'01"W | 106.01' | 109.52' |
| C14 | 39.29' | 101°25'31" | N63°35'48"W | 60.82' | 69.55' |
| C15 | 72.41' | 131°32'07" | S81°20'17"W | 132.07' | 166.24' |
| C16 | 85.93' | 049°39'35" | S40°24'01"W | 72.17' | 74.48' |
| C17 | 106.91' | 059°56'21" | S35°15'38"W | 106.81' | 111.84' |
| C18 | 71.69' | 107°17'02" | S76°15'18"W | 115.46' | 134.23' |
| C19 | 197.80' | 076°25'35" | N59°06'29"W | 244.71' | 263.84' |
| C20 | 1163.13' | 004°10'26" | N24°27'57"W | 84.71' | 84.73' |



KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024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10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

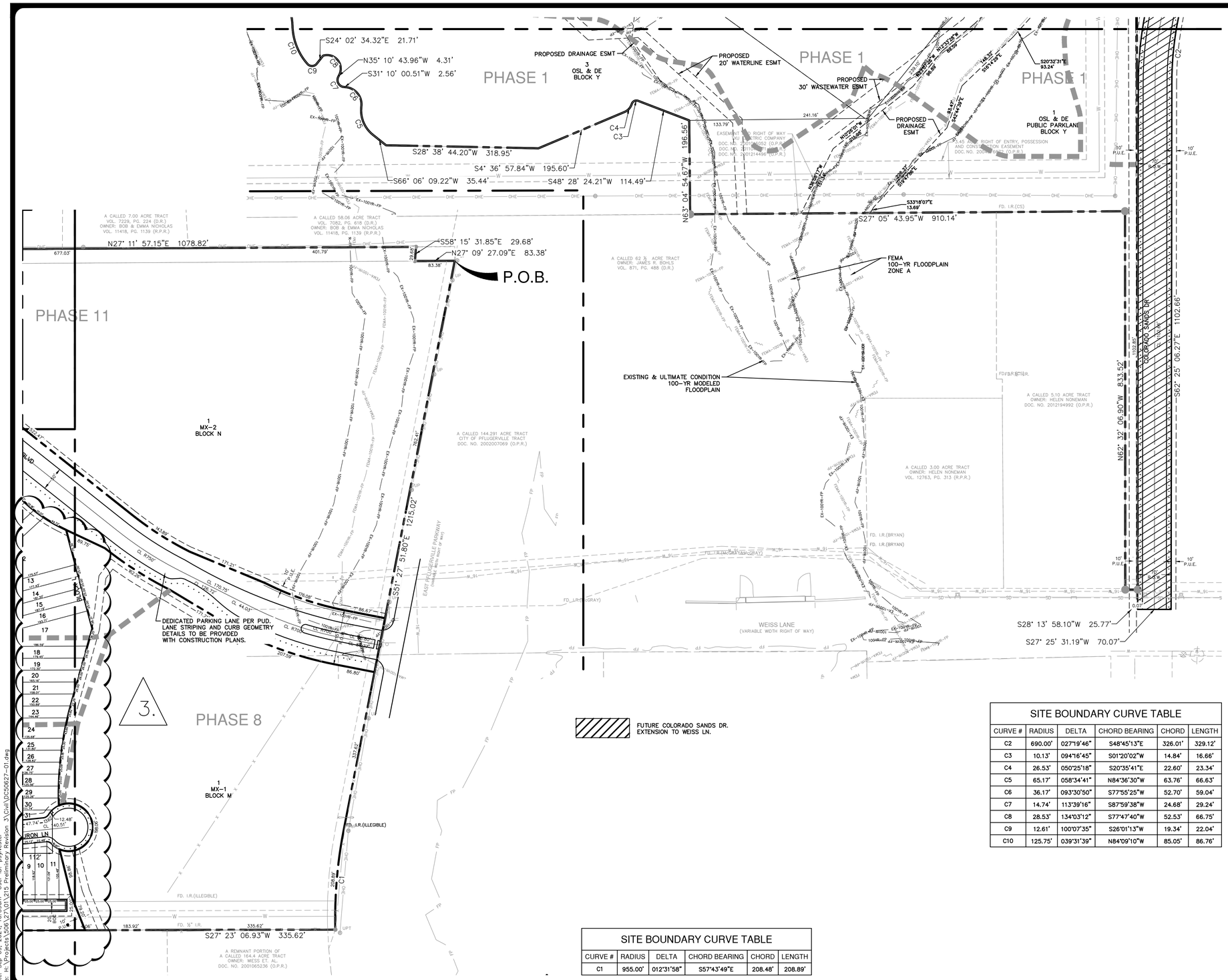
DIMENSION CONTROL (4 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN CR
SHEET 07 OF 29

Date: Sep 09, 2024, 10:57am User ID: psylvester
File: I:\Projects\50627\01\215 Preliminary Revision 3\Civil\DC50627-01.dwg



PP2002-01




| SITE BOUNDARY CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE # | RADIUS | DELTA | CHORD BEARING | CHORD | LENGTH |
| C2 | 690.00' | 027°19'46" | S48°45'13"E | 326.01' | 329.12' |
| C3 | 10.13' | 094°16'45" | S01°20'02"W | 14.84' | 16.66' |
| C4 | 26.53' | 050°25'18" | S20°35'41"E | 22.60' | 23.34' |
| C5 | 65.17' | 058°34'41" | N84°36'30"W | 63.76' | 66.63' |
| C6 | 36.17' | 093°30'50" | S77°55'25"W | 52.70' | 59.04' |
| C7 | 14.74' | 113°39'16" | S87°59'38"W | 24.68' | 29.24' |
| C8 | 28.53' | 134°03'12" | S77°47'40"W | 52.53' | 66.75' |
| C9 | 12.61' | 100°07'35" | S26°01'13"W | 19.34' | 22.04' |
| C10 | 125.75' | 039°31'39" | N84°09'10"W | 85.05' | 86.76' |

| SITE BOUNDARY CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE # | RADIUS | DELTA | CHORD BEARING | CHORD | LENGTH |
| C1 | 955.00' | 012°31'58" | S57°43'49"E | 208.48' | 208.89' |

SCALE: 1"= 100'

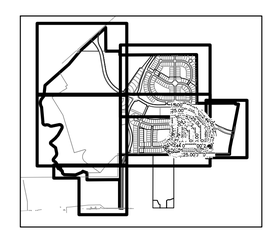
0' 100' 200' 300'

## LEGEND

- BOUNDARY & PHASE LINE
- RIGHT-OF-WAY
- ROAD CENTER LINE (CL)
- LOT LINE
- EASEMENT (ESMT)
- OVERHEAD ELECTRIC LINE
- FEMA 100YR FLOODPLAIN
- FD. 1/2" I.R. — SURVEY MONUMENTATION FOUND
- OSL & DE — OPEN SPACE LOT & DRAINAGE ESMT
- O.P.R. — OPEN PUBLIC RECORDS OF TRAVIS COUNTY, TX
- D.R. — DEED RECORDS OF TRAVIS COUNTY, TX
- R.P.R. — REAL PROPERTY RECORDS OF TRAVIS COUNTY, TX
- P.O.B. — POINT OF BEGINNING
- SIDEWALK (PER PUD AGREEMENT)
  - 10' ALONG COLLECTORS
  - 6' ALONG LOCAL (SF ATTACHED)
  - 4' ALONG LOCAL (SF DETACHED)
- 10' HIKE & BIKE TRAIL
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR ULTIMATE MODELED FLOODPLAIN

## NOTES

1. SEE SHEET 03 – SUMMARY & LOT TABLES FOR LAND USE AND STREET SUMMARY TABLES AND PARCEL LOT TABLES.
2. PER THE PUD, HIKE AND BIKE TRAILS ALONG THE CREEK ARE TO BE CONSTRUCTED IN THE FIRST PHASE WITH RESIDENTIAL USE. SUBSEQUENT HIKE AND BIKE TRAILS SHALL BE CONSTRUCTED AT THE TIME OF THE CONSTRUCTION OF THE PHASE IN WHICH IT IS LOCATED. ROUTES OF HIKE AND BIKE TRAILS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH FINAL DESIGN.
3. MEDIAN BREAKS (WHERE NECESSARY) SHALL BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC IMPACT ANALYSIS. DETAILS FOR MEDIAN BREAKS SHALL BE PROVIDED WITH THE ROADWAY CONSTRUCTION PLANS.



KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

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TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

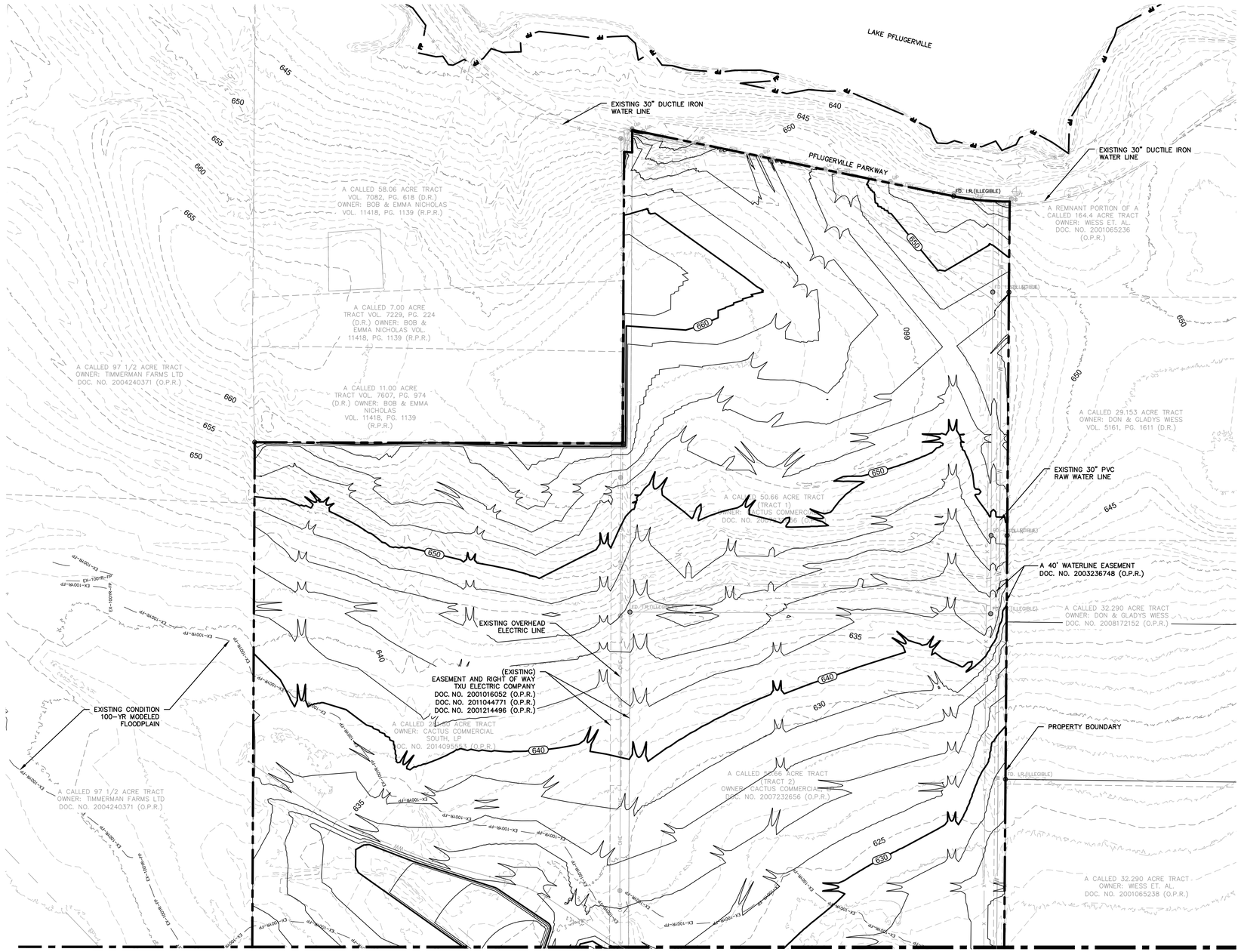
# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DIMENSION CONTROL (5 OF 5)

CITY JOB No. _____
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN CR
SHEET 08 OF 29

Date: Sep 09, 2024, 10:59am User ID: psylvester
File: I:\Projects\509\27\01\215 Preliminary Revision 3\Civil\D050627-01.dwg




MATCHLINE: SEE SHEET 10

SCALE: 1" = 200'

0' 200' 400' 600'

## NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. SEE SHEET 26 FOR EXISTING TREE LOCATIONS, DIAMETERS, AND SPECIES.

## LEGEND:

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- 100-YR FLOODPLAIN
- EXISTING FENCE

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

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DUSTIN J. GOSS
91805
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TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

EXISTING CONDITIONS & PROPOSED GRADING (1)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 09 OF 29

Date: Sep 09, 2024, 11:02am User ID: psylvester
File: H:\Projects\506\27\01\21 Preliminary Revision 3\Civil\EC50627-01.dwg

MATCHLINE: SEE SHEET 09


SCALE: 1"= 200'

0' 200' 400' 600'

## NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHONW IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. SEE SHEET 26 FOR EXISTING TREE LOCATIONS, DIAMETERS, AND SPECIES.

## LEGEND:

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- EXISTING FENCE
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
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TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

EXISTING CONDITIONS & PROPOSED GRADING (2)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 10 OF 29

Date: Sep 09, 2024, 11:03am User ID: psylvester
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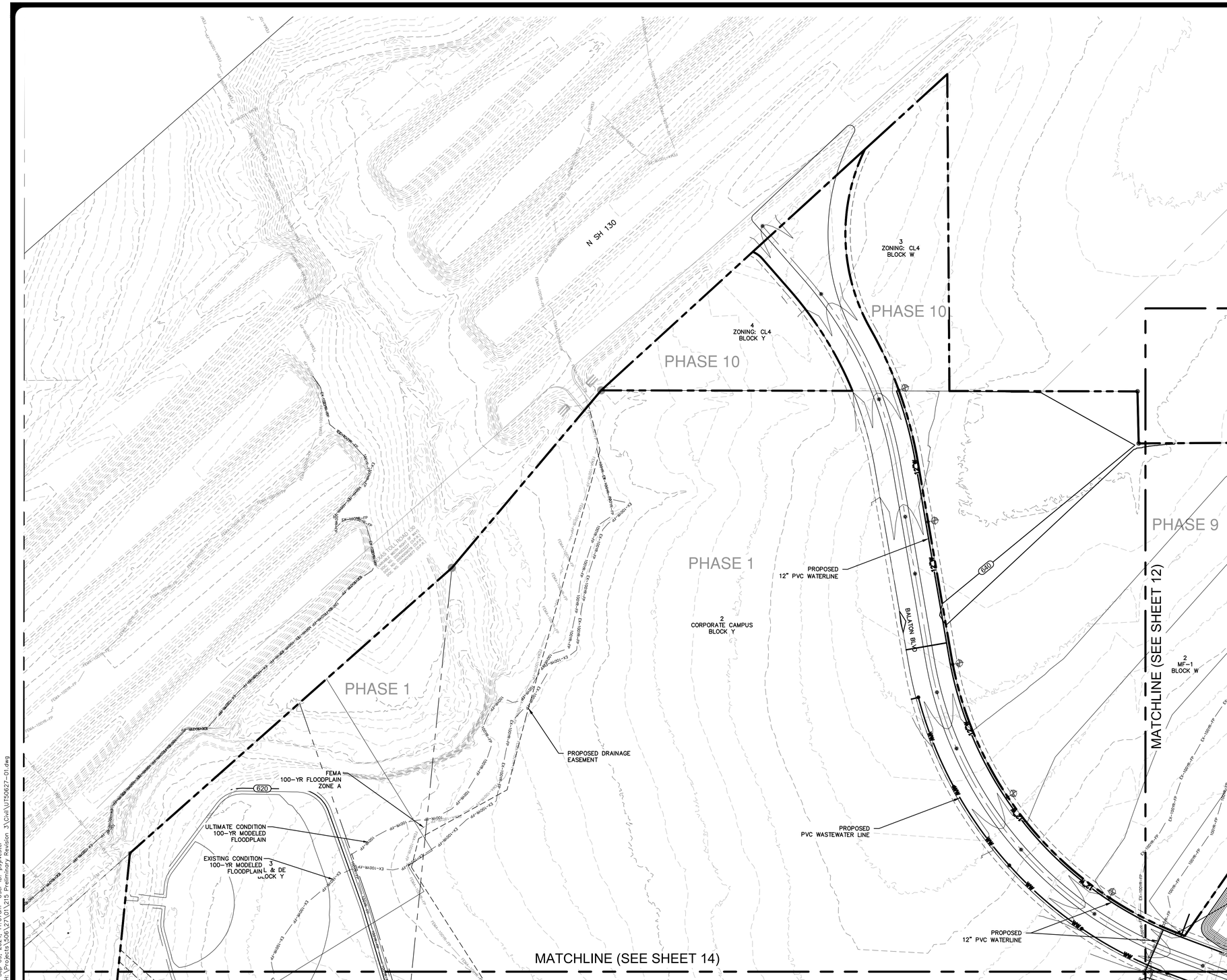



SCALE: 1"= 100'

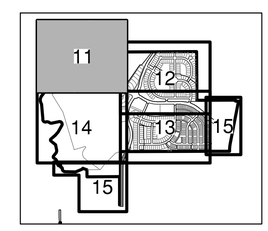
0' 100' 200' 300'

## NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHONW IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT AND CONSTRUCTION PLANS.
3. ALL PUBLIC WATER & WASTEWATER LINES SHALL BE PVC UNLESS NOTED OTHERWISE.
4. THE LAKESIDE MEADOWS WATER SYSTEM WAS MODELED USING EPANET 2.0. THE PERFORMANCE CRITERIA WAS TO PROVIDE A MINIMUM FIRE FLOW OF 1500 GPM, WITH A MINIMUM RESIDUAL PRESSURE OF 20 PSI, AT THE MOST HYDRAULICALLY REMOTE HYDRANT. THE MINIMUM FIRE FLOW MUST BE PROVIDED IN ADDITION TO THE PEAK HOUR DOMESTIC DEMAND CALCULATED FOR THE PROJECT. THE MAXIMUM FLOW VELOCITY MUST NOT EXCEED 10 FT./S. THE PREDICTED PEAK HOUR DOMESTIC DEMAND WILL BE 4518.096 GPM FOR THE ENTIRE DEVELOPMENT. THE MODEL PREDICTED THE FLOW AVAILABLE AT THE MOST REMOTE HYDRANT [NODE 66] WILL BE 1500 GPM WITH A MINIMUM RESIDUAL PRESSURE GREATER THAN 20 PSI. THE MAXIMUM FLOW VELOCITY CALCULATED IN THE SYSTEM WAS 9.57 FT./S.

## LEGEND

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED WASTEWATER LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR ULTIMATE MODELED FLOODPLAIN




KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY

## CITY OF PFLUGERVILLE, TEXAS

## UTILITY LAYOUT (1 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 11 OF 29

Date: Sep 09, 2024, 11:07am User ID: psylvester
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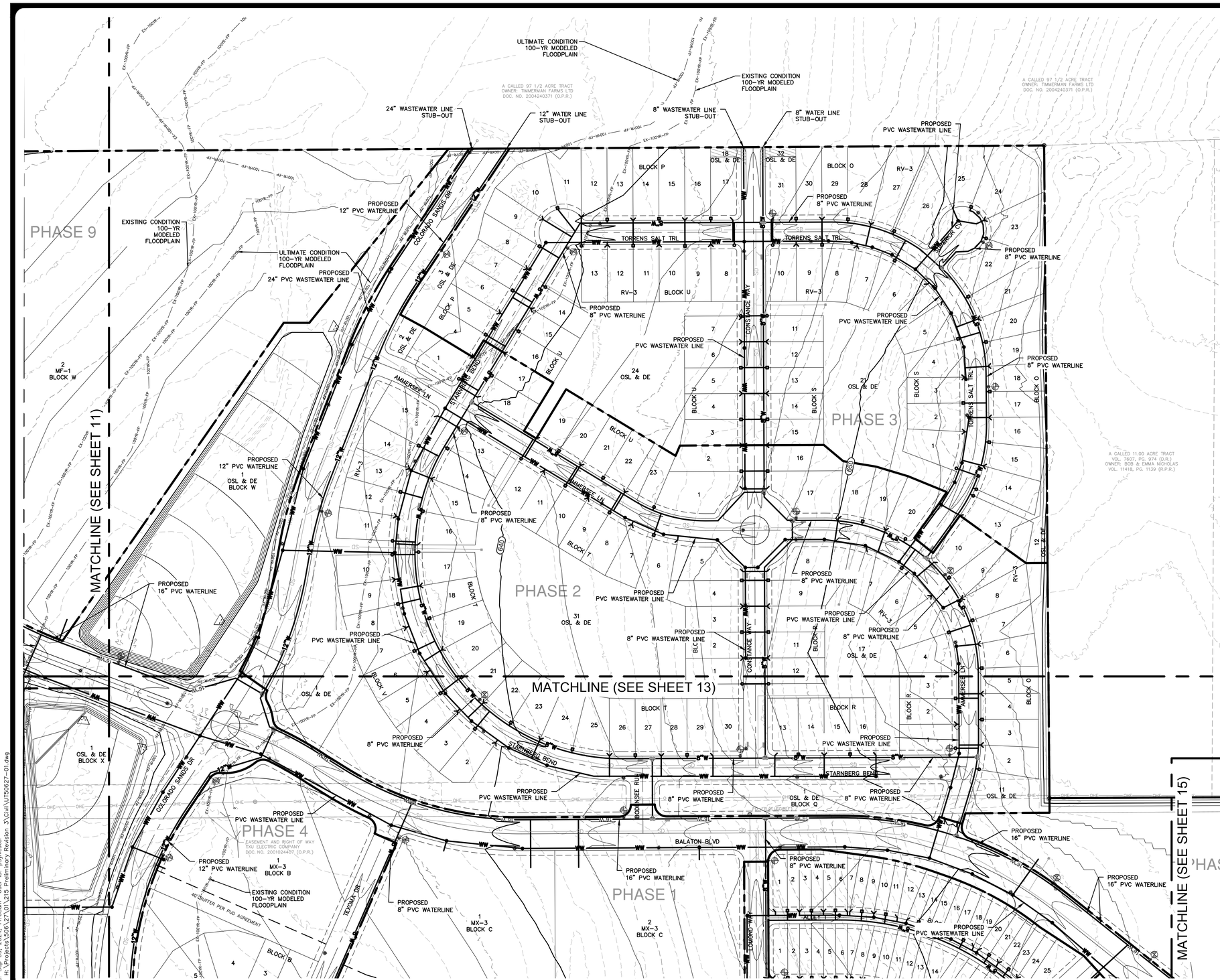



SCALE: 1" = 100'

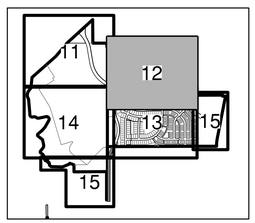
0' 100' 200' 300'

## NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHONW IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT AND CONSTRUCTION PLANS.
3. ALL PUBLIC WATER & WASTEWATER LINES SHALL BE PVC UNLESS NOTED OTHERWISE.
4. THE LAKESIDE MEADOWS WATER SYSTEM WAS MODELED USING EPANET 2.0. THE PERFORMANCE CRITERIA WAS TO PROVIDE A MINIMUM FIRE FLOW OF 1500 GPM, WITH A MINIMUM RESIDUAL PRESSURE OF 20 PSI, AT THE MOST HYDRAULICALLY REMOTE HYDRANT. THE MINIMUM FIRE FLOW MUST BE PROVIDED IN ADDITION TO THE PEAK HOUR DOMESTIC DEMAND CALCULATED FOR THE PROJECT. THE MAXIMUM FLOW VELOCITY MUST NOT EXCEED 10 FT./S. THE PREDICTED PEAK HOUR DOMESTIC DEMAND WILL BE 4518.096 GPM FOR THE ENTIRE DEVELOPMENT. THE MODEL PREDICTED THE FLOW AVAILABLE AT THE MOST REMOTE HYDRANT [NODE 66] WILL BE 1500 GPM WITH A MINIMUM RESIDUAL PRESSURE GREATER THAN 20 PSI. THE MAXIMUM FLOW VELOCITY CALCULATED IN THE SYSTEM WAS 9.57 FT./S.

## LEGEND

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED WASTEWATER LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- 100 YEAR FEMA FLOODPLAIN
- 100 YEAR EXISTING MODELED FLOODPLAIN
- 100 YEAR ULTIMATE MODELED FLOODPLAIN




KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

UTILITY LAYOUT (2 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 12 OF 29

Date: Sep 09, 2024, 11:08am User ID: psyfretter
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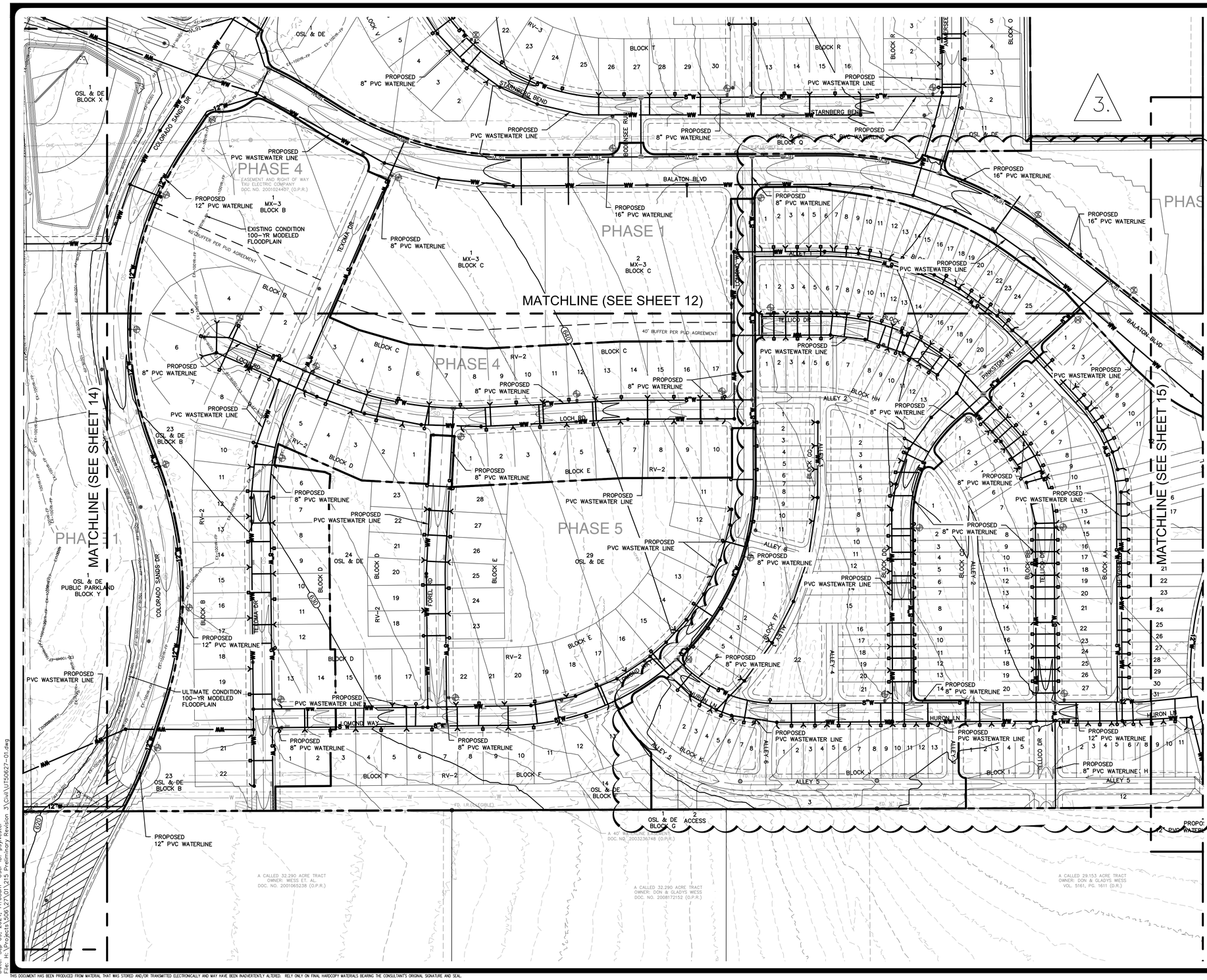
PP2002-01




SCALE: 1"= 100'

0' 100' 200' 300'

## NOTES:

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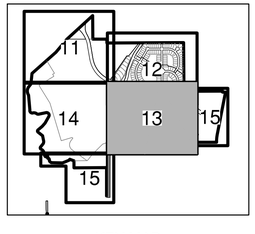
THE LAKESIDE MEADOWS WATER SYSTEM WAS MODELED USING EPANET 2.0. THE PERFORMANCE CRITERIA WAS TO PROVIDE A MINIMUM FIRE FLOW OF 1500 GPM, WITH A MINIMUM RESIDUAL PRESSURE OF 20 PSI, AT THE MOST HYDRAULICALLY REMOTE HYDRANT. THE MINIMUM FIRE FLOW MUST BE PROVIDED IN ADDITION TO THE PEAK HOUR DOMESTIC DEMAND CALCULATED FOR THE PROJECT. THE MAXIMUM FLOW VELOCITY MUST NOT EXCEED 10 FT./S. THE PREDICTED PEAK HOUR DOMESTIC DEMAND WILL BE 4518.096 GPM FOR THE ENTIRE DEVELOPMENT. THE MODEL PREDICTED THE FLOW AVAILABLE AT THE MOST REMOTE HYDRANT [NODE 66] WILL BE 1500 GPM WITH A MINIMUM RESIDUAL PRESSURE GREATER THAN 20 PSI. THE MAXIMUM FLOW VELOCITY CALCULATED IN THE SYSTEM WAS 9.57 FT./S.

## LEGEND

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED WASTEWATER LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR ULTIMATE MODELED FLOODPLAIN
- FUTURE COLORADO SANDS DR. EXTENSION TO WEISS LN.




KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

PAPE-DAWSON ENGINEERS
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10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

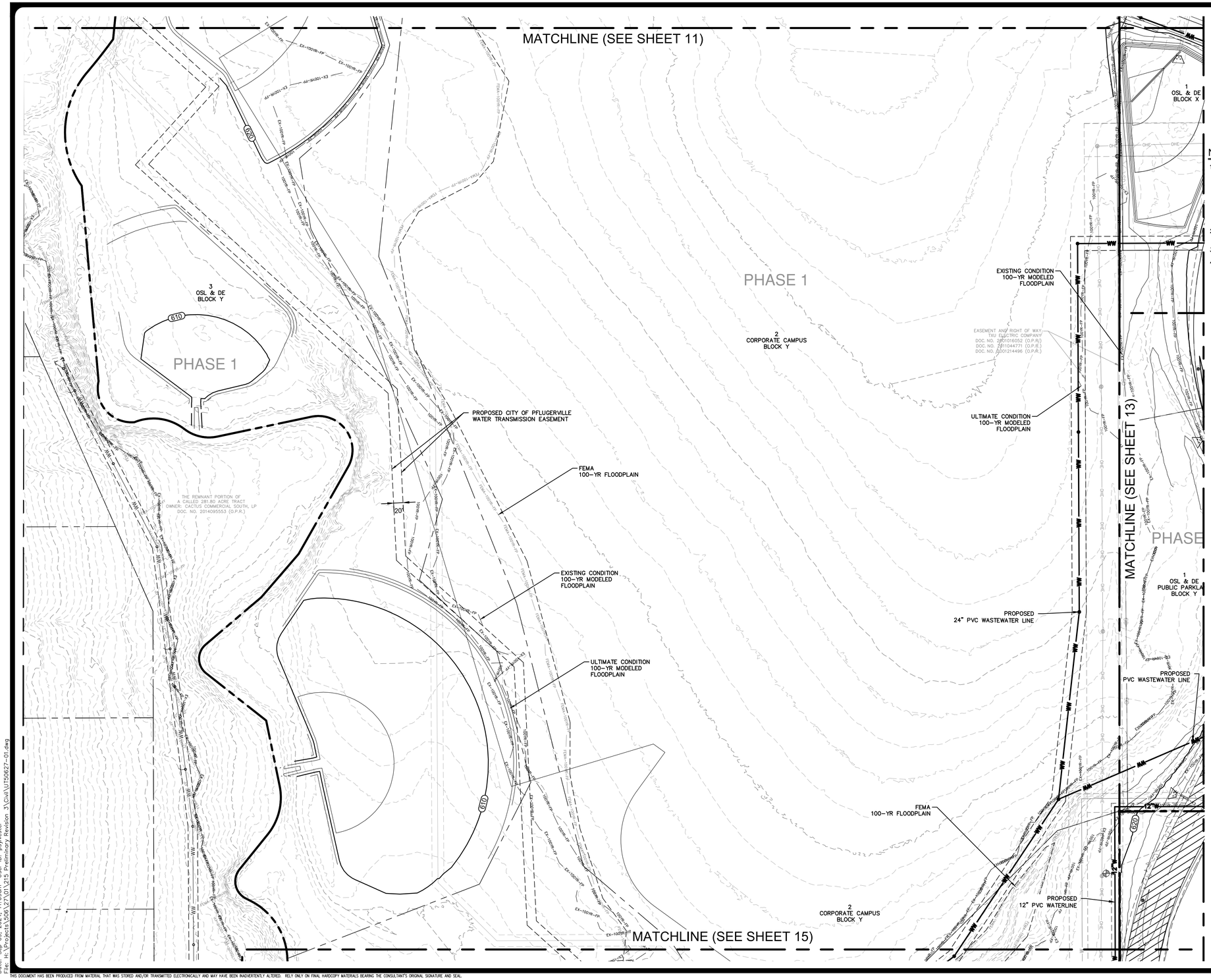
# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

UTILITY LAYOUT (3 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 13 OF 29

Date: Sep 09, 2024, 11:08am User ID: psylvester
File: I:\Projects\506\27\01\315 Preliminary Revision 3\Civil\UT50627-01.dwg




SCALE: 1"= 100'

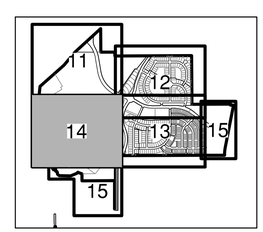
0' 100' 200' 300'

## NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHONW IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT AND CONSTRUCTION PLANS.
3. ALL PUBLIC WATER & WASTEWATER LINES SHALL BE PVC UNLESS NOTED OTHERWISE.
4. THE LAKESIDE MEADOWS WATER SYSTEM WAS MODELED USING EPANET 2.0. THE PERFORMANCE CRITERIA WAS TO PROVIDE A MINIMUM FIRE FLOW OF 1500 GPM, WITH A MINIMUM RESIDUAL PRESSURE OF 20 PSI, AT THE MOST HYDRAULICALLY REMOTE HYDRANT. THE MINIMUM FIRE FLOW MUST BE PROVIDED IN ADDITION TO THE PEAK HOUR DOMESTIC DEMAND CALCULATED FOR THE PROJECT. THE MAXIMUM FLOW VELOCITY MUST NOT EXCEED 10 FT./S. THE PREDICTED PEAK HOUR DOMESTIC DEMAND WILL BE 4518.096 GPM FOR THE ENTIRE DEVELOPMENT. THE MODEL PREDICTED THE FLOW AVAILABLE AT THE MOST REMOTE HYDRANT [NODE 66] WILL BE 1500 GPM WITH A MINIMUM RESIDUAL PRESSURE GREATER THAN 20 PSI. THE MAXIMUM FLOW VELOCITY CALCULATED IN THE SYSTEM WAS 9.57 FT./S.

## LEGEND

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED WASTEWATER LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR ULTIMATE MODELED FLOODPLAIN
- FUTURE COLORADO SANDS DR. EXTENSION TO WEISS LN.




KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

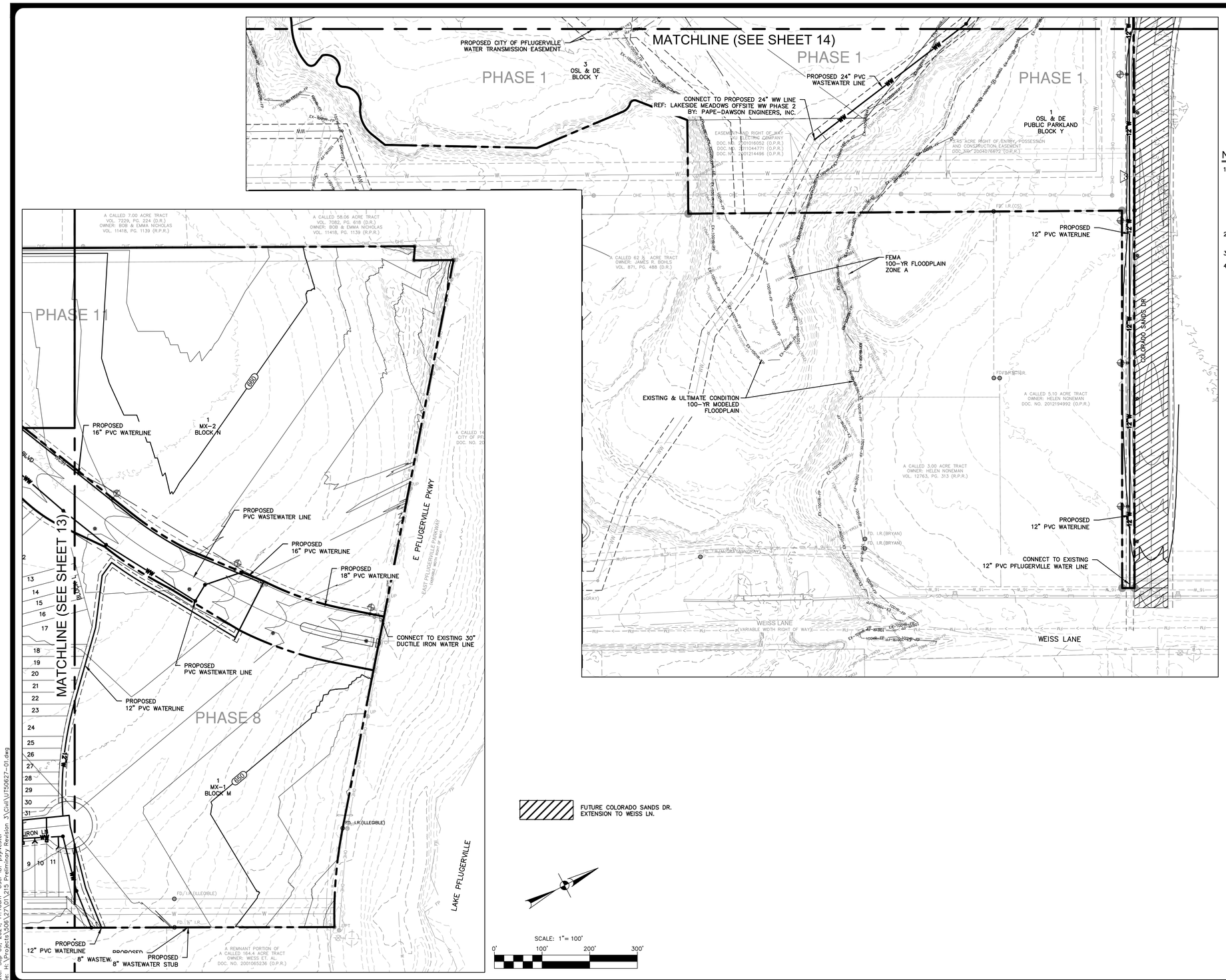
# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

UTILITY LAYOUT (4 OF 5)

CITY JOB No. _____
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN _____
SHEET 14 OF 29

Date: Sep 09, 2024, 11:09am User ID: psylvester
File: I:\Projects\50627\01\215 Preliminary Revision 3\Civil\UT50627-01.dwg




SCALE: 1"= 100'
0' 100' 200' 300'

FUTURE COLORADO SANDS DR. EXTENSION TO WEISS LN.

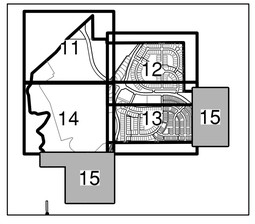
SCALE: 1"= 100'
0' 100' 200' 300'

## NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHONW IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT AND CONSTRUCTION PLANS.
3. ALL PUBLIC WATER & WASTEWATER LINES SHALL BE PVC UNLESS NOTED OTHERWISE.
4. THE LAKESIDE MEADOWS WATER SYSTEM WAS MODELED USING EPANET 2.0. THE PERFORMANCE CRITERIA WAS TO PROVIDE A MINIMUM FIRE FLOW OF 1500 GPM, WITH A MINIMUM RESIDUAL PRESSURE OF 20 PSI, AT THE MOST HYDRAULICALLY REMOTE HYDRANT. THE MINIMUM FIRE FLOW MUST BE PROVIDED IN ADDITION TO THE PEAK HOUR DOMESTIC DEMAND CALCULATED FOR THE PROJECT. THE MAXIMUM FLOW VELOCITY MUST NOT EXCEED 10 FT./S. THE PREDICTED PEAK HOUR DOMESTIC DEMAND WILL BE 4518.096 GPM FOR THE ENTIRE DEVELOPMENT. THE MODEL PREDICTED THE FLOW AVAILABLE AT THE MOST REMOTE HYDRANT [NODE 66] WILL BE 1500 GPM WITH A MINIMUM RESIDUAL PRESSURE GREATER THAN 20 PSI. THE MAXIMUM FLOW VELOCITY CALCULATED IN THE SYSTEM WAS 9.57 FT./S.

## LEGEND

- SUBDIVISION BOUNDARY
- EXISTING WASTEWATER
- EXISTING WATER
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- EXISTING ELECTRIC
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED WASTEWATER LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN INLET
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR ULTIMATE MODELED FLOODPLAIN




KEY MAP
SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024

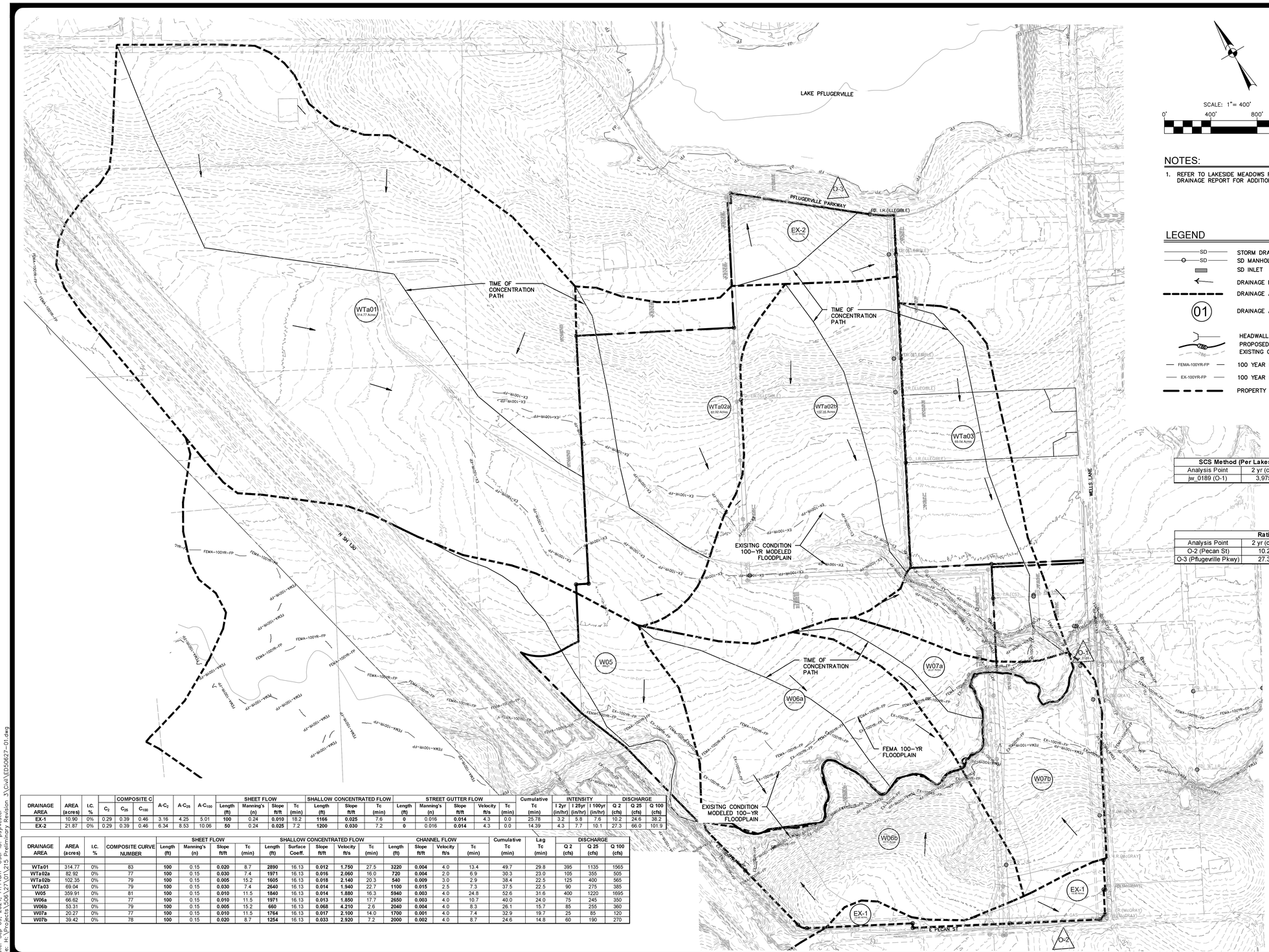
PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
CITY OF PFLUGERVILLE, TEXAS

UTILITY LAYOUT (5 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 15 OF 29

Date: Sep 09, 2024, 11:10am User ID: psylvester
File: H:\Projects\5060\27\01\215 Preliminary Revision 3\Civil\UT50627-01.dwg




SCALE: 1" = 400'

0' 400' 800' 1,200'

## NOTES:

1. REFER TO LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.

## LEGEND

- SD — STORM DRAIN LINE
- SD — SD MANHOLE
- SD INLET
- DRAINAGE FLOW ARROW
- DRAINAGE AREA BOUNDARY
- 01 — DRAINAGE AREA
- HEADWALL
- 100 — PROPOSED CONTOUR LINE
- 100 — EXISTING CONTOUR LINE
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- PROPERTY BOUNDARY

| SCS Method (Per Lakeside Meadows Drainage Report) | | | |
|---|---|---|---|
| Analysis Point | 2 yr (cfs) | 25 yr (cfs) | 100 yr (cfs) |
| jw_0189 (O-1) | 3,975 | 11,200 | 15,720 |

| Rational Method | | | |
|---|---|---|---|
| Analysis Point | 2 yr (cfs) | 25 yr (cfs) | 100 yr (cfs) |
| O-2 (Pecan St) | 10.2 | 24.6 | 38.2 |
| O-3 (Pflugerville Pkwy) | 27.3 | 66.0 | 101.9 |

| DRAINAGE AREA | AREA (acres) | I.C. % | COMPOSITE C | | | A-$C_2$ | A-$C_{25}$ | A-$C_{100}$ | SHEET FLOW | | | | SHALLOW CONCENTRATED FLOW | | | STREET GUTTER FLOW | | | | | | Cumulative Tc (min) | INTENSITY | | | DISCHARGE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $C_2$ | $C_{25}$ | $C_{100}$ | | | | Length (ft) | Manning's (n) | Slope ft/ft | Tc (min) | Length (ft) | Slope ft/ft | Tc (min) | Length (ft) | Manning's (n) | Slope ft/ft | Velocity ft/s | Tc (min) | | | I 2yr (in/hr) | I 25yr (in/hr) | I 100yr (in/hr) | Q 2 (cfs) | Q 25 (cfs) | Q 100 (cfs) |
| EX-1 | 10.90 | 0% | 0.29 | 0.39 | 0.46 | 3.16 | 4.25 | 5.01 | 100 | 0.24 | 0.010 | 18.2 | 1166 | 0.025 | 7.6 | 0 | 0.016 | 0.014 | 4.3 | 0.0 | 25.78 | 3.2 | 5.8 | 7.6 | 10.2 | 24.6 | 38.2 | |
| EX-2 | 21.87 | 0% | 0.29 | 0.39 | 0.46 | 6.34 | 8.53 | 10.06 | 50 | 0.24 | 0.025 | 7.2 | 1200 | 0.030 | 7.2 | 0 | 0.016 | 0.014 | 4.3 | 0.0 | 14.39 | 4.3 | 7.7 | 10.1 | 27.3 | 66.0 | 101.9 | |

| DRAINAGE AREA | AREA (acres) | I.C. % | COMPOSITE CURVE NUMBER | SHEET FLOW | | | | SHALLOW CONCENTRATED FLOW | | | | | CHANNEL FLOW | | | | Cumulative Tc (min) | Lag Tc (min) | DISCHARGE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Length (ft) | Manning's (n) | Slope ft/ft | Tc (min) | Length (ft) | Surface Coeff. | Slope ft/ft | Velocity ft/s | Tc (min) | Length (ft) | Slope ft/ft | Velocity ft/s | Tc (min) | | | Q 2 (cfs) | Q 25 (cfs) | Q 100 (cfs) |
| WTa01 | 314.77 | 0% | 83 | 100 | 0.15 | 0.020 | 8.7 | 2890 | 16.13 | 0.012 | 1.750 | 27.5 | 3220 | 0.004 | 4.0 | 13.4 | 49.7 | 29.8 | 395 | 1135 | 1565 |
| WTa02a | 82.92 | 0% | 77 | 100 | 0.15 | 0.030 | 7.4 | 1971 | 16.13 | 0.016 | 2.060 | 16.0 | 720 | 0.004 | 2.0 | 6.9 | 30.3 | 23.0 | 105 | 355 | 505 |
| WTa02b | 102.35 | 0% | 79 | 100 | 0.15 | 0.005 | 15.2 | 1605 | 16.13 | 0.018 | 2.140 | 20.3 | 540 | 0.009 | 3.0 | 2.9 | 38.4 | 22.5 | 125 | 400 | 565 |
| WTa03 | 69.04 | 0% | 79 | 100 | 0.15 | 0.030 | 7.4 | 2640 | 16.13 | 0.014 | 1.940 | 22.7 | 1100 | 0.015 | 2.5 | 7.3 | 37.5 | 22.5 | 90 | 275 | 385 |
| W05 | 359.91 | 0% | 81 | 100 | 0.15 | 0.010 | 11.5 | 1840 | 16.13 | 0.014 | 1.880 | 16.3 | 5940 | 0.003 | 4.0 | 24.8 | 52.6 | 31.6 | 400 | 1220 | 1695 |
| W06a | 66.62 | 0% | 77 | 100 | 0.15 | 0.010 | 11.5 | 1971 | 16.13 | 0.013 | 1.850 | 17.7 | 2650 | 0.003 | 4.0 | 10.7 | 40.0 | 24.0 | 75 | 245 | 350 |
| W06b | 53.31 | 0% | 79 | 100 | 0.15 | 0.005 | 15.2 | 660 | 16.13 | 0.068 | 4.210 | 2.6 | 2040 | 0.004 | 4.0 | 8.3 | 26.1 | 15.7 | 85 | 255 | 360 |
| W07a | 20.27 | 0% | 77 | 100 | 0.15 | 0.010 | 11.5 | 1764 | 16.13 | 0.017 | 2.100 | 14.0 | 1700 | 0.001 | 4.0 | 7.4 | 32.9 | 19.7 | 25 | 85 | 120 |
| W07b | 39.42 | 0% | 78 | 100 | 0.15 | 0.020 | 8.7 | 1254 | 16.13 | 0.033 | 2.920 | 7.2 | 2000 | 0.002 | 4.0 | 8.7 | 24.6 | 14.8 | 60 | 190 | 270 |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

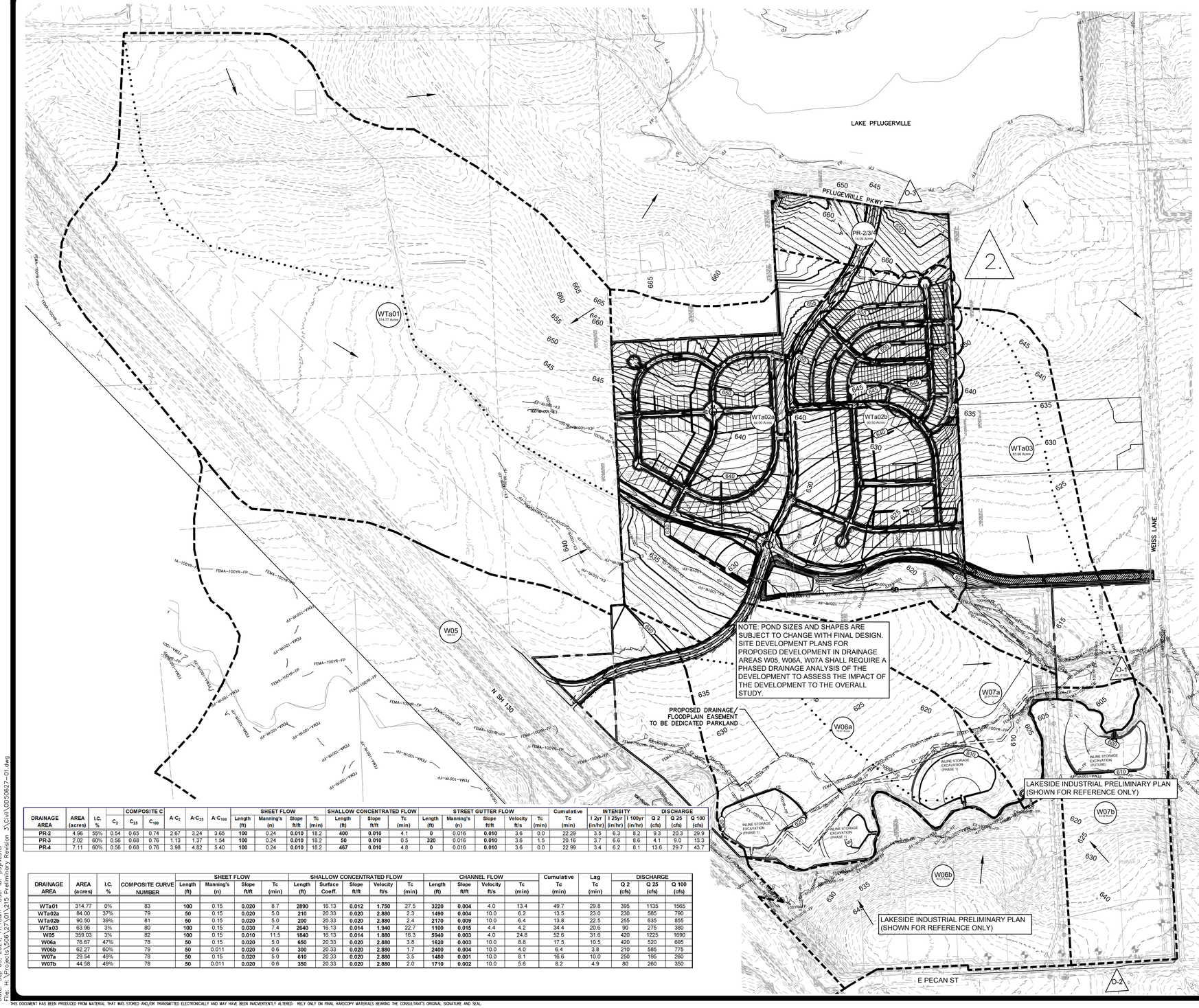

# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

## EXISTING DRAINAGE

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 16 OF 29

Date: Sep 09, 2024, 11:14am User ID: psylvester
File: H:\Projects\356\27\01\215 Preliminary Revision 3\Civil\ED50627-01.dwg




SCALE: 1"= 400'

0' 400' 800' 1,200'

## NOTES:

1. REFER TO LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.
2. PROPOSED GRADING AND DRAINAGE ARE SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT PLANS.
3. PHASED CONSTRUCTION OF THE INLINE EXCAVATION AREAS SHALL BE PER THIS PLAN. ADDITIONAL ANALYSIS OF PHASED CONSTRUCTION IS DISCUSSED IN THE LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT.
4. SHOWN STORM INTENSITIES AND DRAINAGE CALCULATIONS REFLECT PFLUGERVILLE ADOPTED ATLAS 14 DATA.
5. USACE 404 PERMITS (IF DETERMINED TO BE REQUIRED BY APPROPRIATE JURISDICTIONS) SHALL BE OBTAINED PRIOR TO APPROVAL OF CONSTRUCTION PLANS FOR WORK IN AND AROUND CREEK AREAS.
6. DETENTION POND DETAILS AND SIZING CALCULATIONS SHALL BE PROVIDED AND REVIEWED WITH THE CONSTRUCTION PLANS CONTAINING THE PONDS.
7. THE ELEVATION OF THE ROAD CROSSING AT THE FLOODPLAIN SHALL BE ABOVE THE BASE FLOOD ELEVATION AND SHALL PROVIDE THE MINIMUM FREEBOARD AS REQUIRED BY THE ENGINEERING DESIGN MANUAL.
8. IF INLINE DETENTION STRUCTURE CLASSIFIES AS A DAM PER TCEQ, AN O&M MANUAL WITH MT-2 FORM WILL BE REQUIRED.
9. ALL DETENTION PONDS SHALL BE MAINTAINED BY THE HOMEOWNER'S ASSOCIATION.
10. THE 100-YR FULLY DEVELOPED FLOODPLAIN SHALL BE CONTAINED WITHIN DEDICATED DRAINAGE EASEMENTS ON THE RESPECTIVE FINAL PLATS FOR EACH PHASE.

## LEGEND

- SUBDIVISION BOUNDARY
- STORM DRAIN LINE
- SD MANHOLE
- SD INLET
- DRAINAGE FLOW ARROW
- DRAINAGE AREA BOUNDARY
- 01 DRAINAGE AREA
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR FULLY DEVELOPED MODELED FLOODPLAIN
- TIME OF CONCENTRATION PATH

Post Project Ultimate Conditions

| SCS Method (Per Lakeside Meadows Drainage Report) | | | |
|---|---|---|---|
| Analysis Point | 2 yr (cfs) | 25 yr (cfs) | 100 yr (cfs) |
| (O-1 (jw_0189) | 3,965 | 11,175 | 15,665 |

| Rational Method | | | |
|---|---|---|---|
| Analysis Point | 2 yr (cfs) | 25 yr (cfs) | 100 yr (cfs) |
| O-2 (Pecan St) | 0.0 | 0.0 | 0.0 |
| O-3 (Pflugerville Pkwy) | 27.0 | 59.0 | 86.9 |

| DRAINAGE AREA | AREA (acres) | I.C. % | COMPOSITE C $C_2$ | $C_{25}$ | $C_{100}$ | $A \cdot C_2$ | $A \cdot C_{25}$ | $A \cdot C_{100}$ | SHEET FLOW Length (ft) | Manning's (n) | Slope ft/ft | Tc (min) | SHALLOW CONCENTRATED FLOW Length (ft) | Slope ft/ft | Tc (min) | STREET GUTTER FLOW Length (ft) | Manning's (n) | Slope ft/ft | Velocity ft/s | Tc (min) | Cumulative Tc (min) | INTENSITY I 2yr (in/hr) | I 25yr (in/hr) | I 100yr (in/hr) | DISCHARGE Q 2 (cfs) | Q 25 (cfs) | Q 100 (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PR-2 | 4.96 | 55% | 0.54 | 0.65 | 0.74 | 2.67 | 3.24 | 3.65 | 100 | 0.24 | 0.010 | 18.2 | 400 | 0.010 | 4.1 | 0 | 0.016 | 0.010 | 3.6 | 0.0 | 22.29 | 3.5 | 6.3 | 8.2 | 9.3 | 20.3 | 29.9 |
| PR-3 | 2.02 | 60% | 0.56 | 0.68 | 0.76 | 1.13 | 1.37 | 1.54 | 100 | 0.24 | 0.010 | 18.2 | 50 | 0.010 | 0.5 | 320 | 0.016 | 0.010 | 3.6 | 1.5 | 20.16 | 3.7 | 6.6 | 8.6 | 4.1 | 9.0 | 13.3 |
| PR-4 | 7.11 | 60% | 0.56 | 0.68 | 0.76 | 3.98 | 4.82 | 5.40 | 100 | 0.24 | 0.010 | 18.2 | 467 | 0.010 | 4.8 | 0 | 0.016 | 0.010 | 3.6 | 0.0 | 22.99 | 3.4 | 6.2 | 8.1 | 13.6 | 29.7 | 43.7 |

| DRAINAGE AREA | AREA (acres) | I.C. % | COMPOSITE CURVE NUMBER | SHEET FLOW Length (ft) | Manning's (n) | Slope ft/ft | Tc (min) | SHALLOW CONCENTRATED FLOW Length (ft) | Surface Coeff. | Slope ft/ft | Velocity ft/s | Tc (min) | CHANNEL FLOW Length (ft) | Slope ft/ft | Velocity ft/s | Tc (min) | Cumulative Tc (min) | Lag Tc (min) | DISCHARGE Q 2 (cfs) | Q 25 (cfs) | Q 100 (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WTa01 | 314.77 | 0% | 83 | 100 | 0.15 | 0.020 | 8.7 | 2890 | 16.13 | 0.012 | 1.750 | 27.5 | 3220 | 0.004 | 4.0 | 13.4 | 49.7 | 29.8 | 395 | 1135 | 1565 |
| WTa02a | 84.00 | 37% | 79 | 50 | 0.15 | 0.020 | 5.0 | 210 | 20.33 | 0.020 | 2.880 | 2.3 | 1490 | 0.004 | 10.0 | 6.2 | 13.5 | 23.0 | 230 | 585 | 790 |
| WTa02b | 90.50 | 39% | 81 | 50 | 0.15 | 0.020 | 5.0 | 200 | 20.33 | 0.020 | 2.880 | 2.4 | 2170 | 0.009 | 10.0 | 6.4 | 13.8 | 22.5 | 255 | 635 | 855 |
| WTa03 | 63.96 | 3% | 80 | 100 | 0.15 | 0.030 | 7.4 | 2640 | 16.13 | 0.014 | 1.940 | 22.7 | 1100 | 0.015 | 4.4 | 4.2 | 34.4 | 20.6 | 90 | 275 | 380 |
| W05 | 359.03 | 3% | 82 | 100 | 0.15 | 0.010 | 11.5 | 1840 | 16.13 | 0.014 | 1.880 | 16.3 | 5940 | 0.003 | 4.0 | 24.8 | 52.6 | 31.6 | 420 | 1225 | 1690 |
| W06a | 76.67 | 47% | 78 | 50 | 0.15 | 0.020 | 5.0 | 650 | 20.33 | 0.020 | 2.880 | 3.8 | 1620 | 0.003 | 10.0 | 8.8 | 17.5 | 10.5 | 420 | 520 | 695 |
| W06b | 62.27 | 60% | 79 | 50 | 0.011 | 0.020 | 0.6 | 300 | 20.33 | 0.020 | 2.880 | 1.7 | 2400 | 0.004 | 10.0 | 4.0 | 6.4 | 3.8 | 210 | 585 | 775 |
| W07a | 29.54 | 49% | 78 | 50 | 0.15 | 0.020 | 5.0 | 610 | 20.33 | 0.020 | 2.880 | 3.5 | 1480 | 0.001 | 10.0 | 8.1 | 16.6 | 10.0 | 250 | 195 | 260 |
| W07b | 44.58 | 49% | 78 | 50 | 0.011 | 0.020 | 0.6 | 350 | 20.33 | 0.020 | 2.880 | 2.0 | 1710 | 0.002 | 10.0 | 5.6 | 8.2 | 4.9 | 80 | 260 | 350 |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
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10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

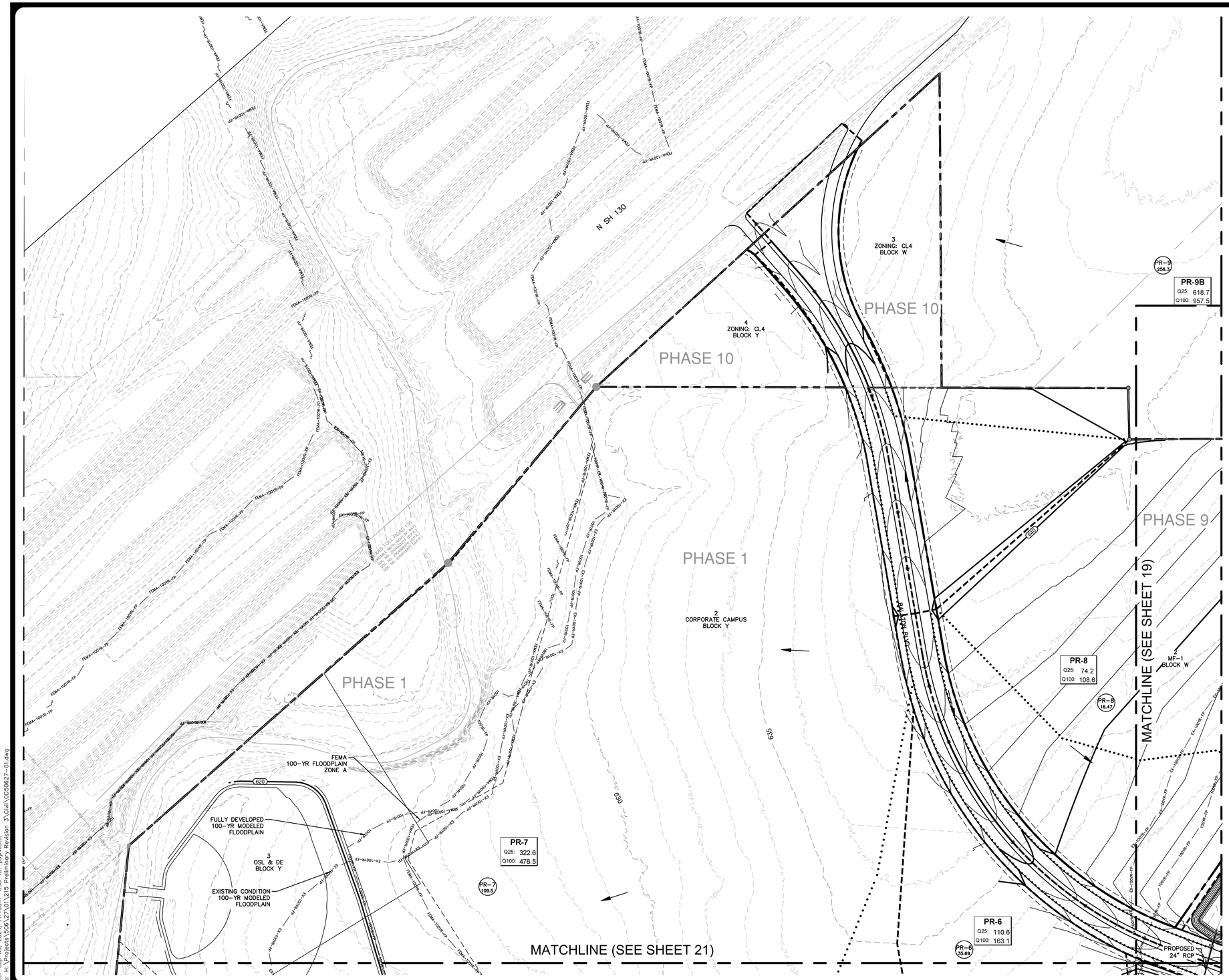

# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

PROPOSED OVERALL DRAINAGE

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 17 OF 29

Date: Sep 09, 2024, 11:18am User ID: psylvester
File: S:\Projects\506\27\01\215 Preliminary Revision_3\Civil\0050627-01.dwg




SCALE: 1"= 100'

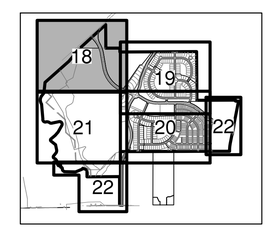
0' 100' 200' 300'

## NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
2. REFER TO THE LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.
3. THE 100-YR FULLY DEVELOPED FLOODPLAIN SHALL BE CONTAINED WITHIN DEDICATED DRAINAGE EASEMENTS ON THE RESPECTIVE FINAL PLATS FOR EACH PHASE.

## LEGEND

- SUBDIVISION BOUNDARY
- STORM DRAIN LINE
- SD MANHOLE
- SD INLET
- DRAINAGE FLOW ARROW
- DRAINAGE AREA BOUNDARY
- 01 DRAINAGE AREA
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR FULLY DEVELOPED MODELED FLOODPLAIN
- TIME OF CONCENTRATION PATH




KEY MAP

SCALE: 1" = 2000'

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY

## CITY OF PFLUGERVILLE, TEXAS

## DRAINAGE STUDY (1 OF 5)

CITY JOB No.

JOB NO. 50627-01

DATE JUNE 2024

DESIGNER TCK

CHECKED PS DRAWN

SHEET 18 OF 29

Date: Sep 09, 2024, 11:19am User ID: psylvester
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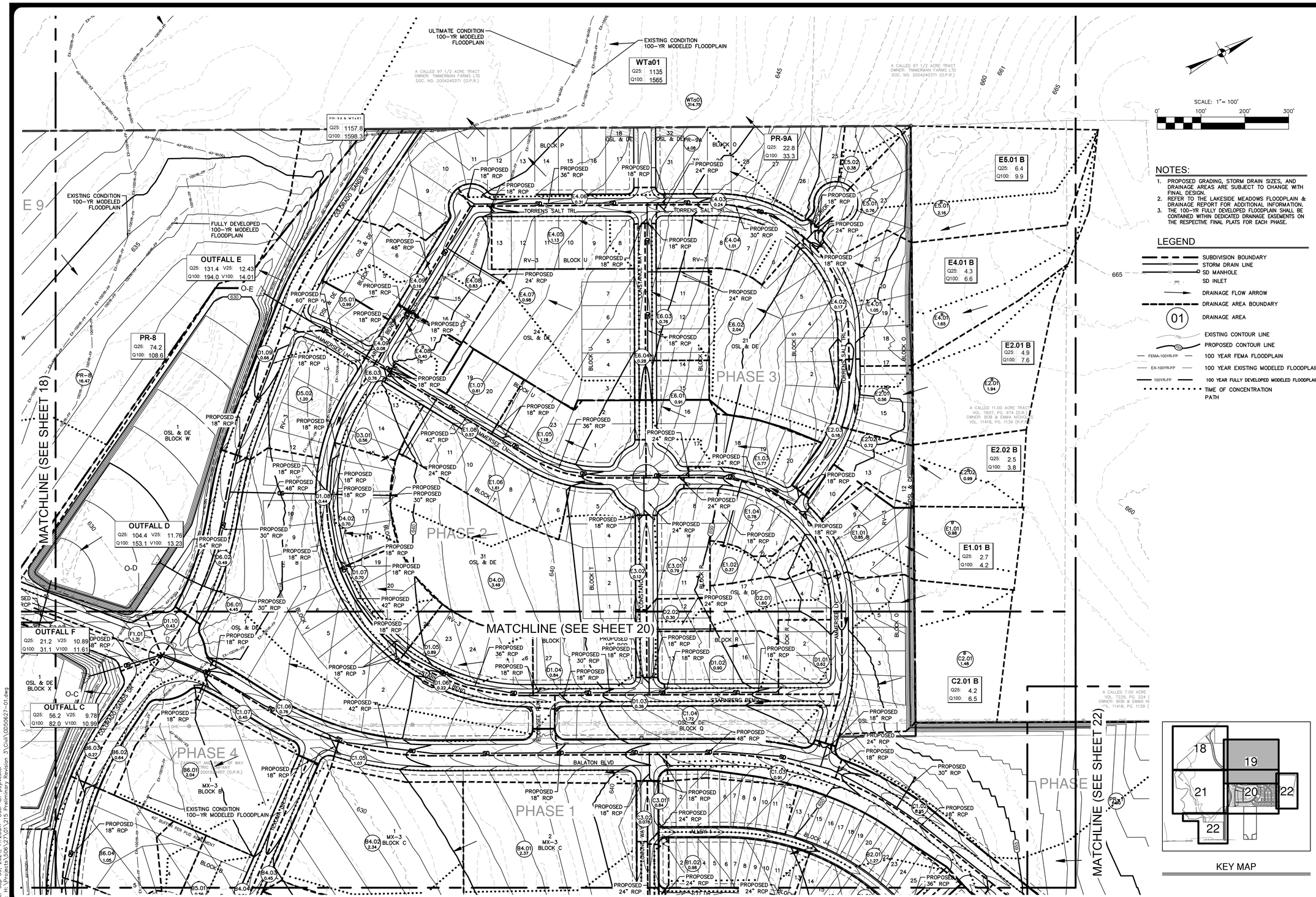


## NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
2. REFER TO THE LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.
3. THE 100-YR FULLY DEVELOPED FLOODPLAIN SHALL BE CONTAINED WITHIN DEDICATED DRAINAGE EASEMENTS ON THE RESPECTIVE FINAL PLATS FOR EACH PHASE.

## LEGEND

- SUBDIVISION BOUNDARY
- STORM DRAIN LINE
- SD MANHOLE
- SD INLET
- DRAINAGE FLOW ARROW
- DRAINAGE AREA BOUNDARY
- 01 DRAINAGE AREA
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR FULLY DEVELOPED MODELED FLOODPLAIN
- TIME OF CONCENTRATION PATH

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**

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10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY

## CITY OF PFLUGERVILLE, TEXAS

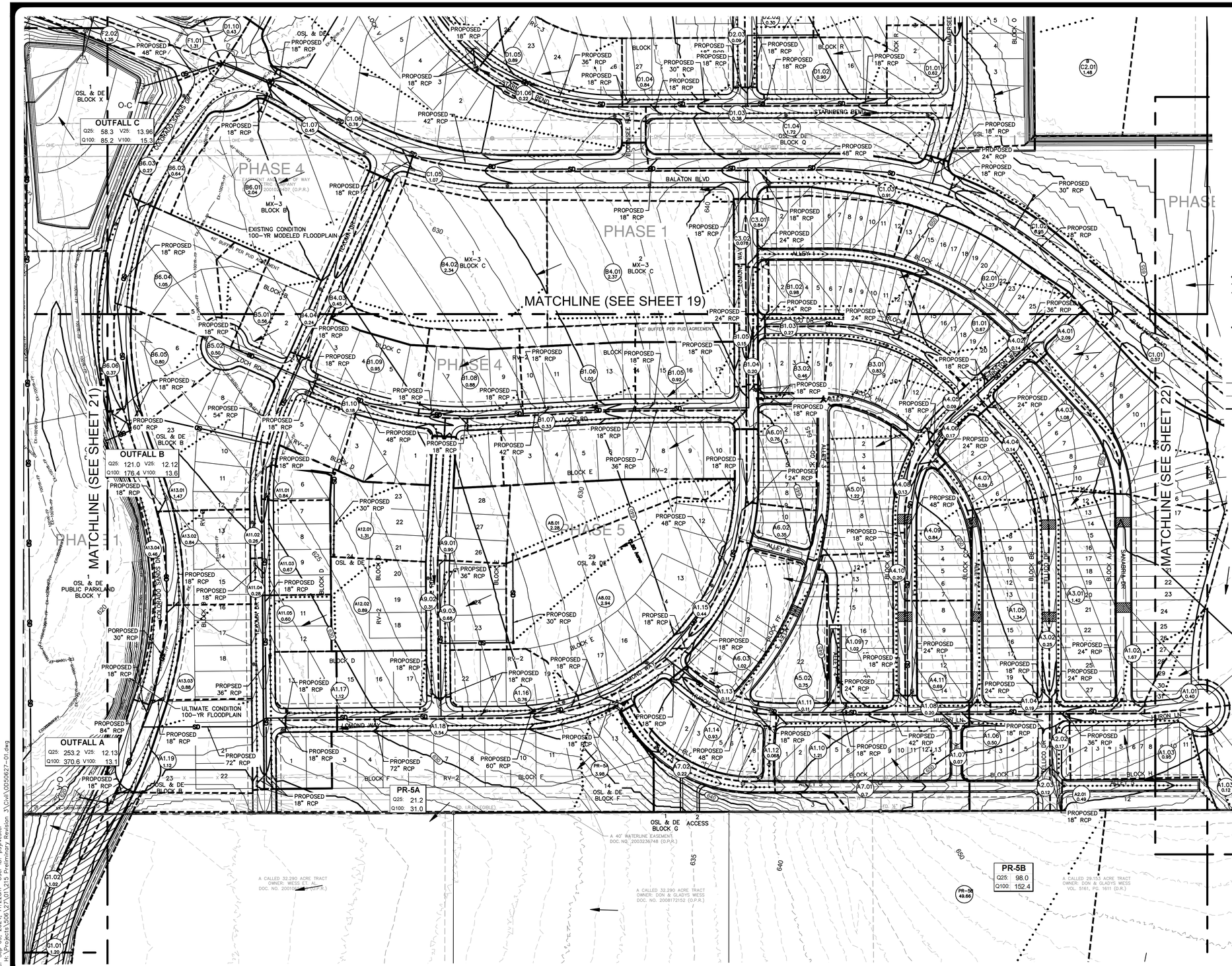
## DRAINAGE STUDY (2 OF 5)




KEY MAP

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 19 OF 29

Date: Sep 09, 2024, 11:20am User ID: psylvester
File: H:\Projects\506\27\01\215 Preliminary Revision 3\Civil\0050627-01.dwg




SCALE: 1"= 100'

0' 100' 200' 300'

## NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
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- PROPOSED CONTOUR LINE
- FEMA-100YR-FP — 100 YEAR FEMA FLOODPLAIN
- EX-100YR-FP — 100 YEAR EXISTING MODELED FLOODPLAIN
- 100YR-FP — 100 YEAR FULLY DEVELOPED MODELED FLOODPLAIN
- TIME OF CONCENTRATION PATH


KEY MAP

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
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91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DRAINAGE STUDY (3 OF 5)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 20 OF 29

Date: Sep 09, 2024, 11:22am User ID: psylvester
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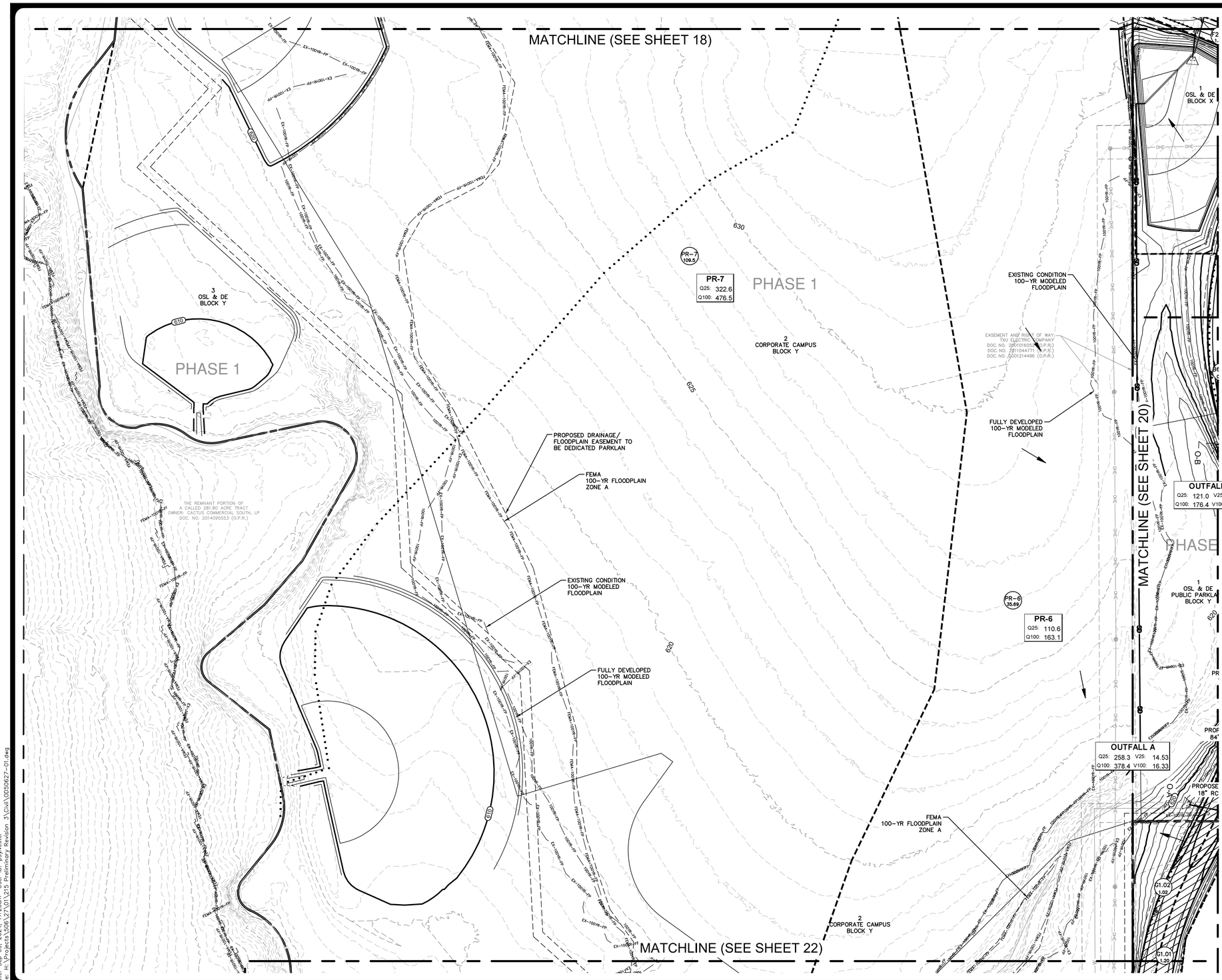


SCALE: 1"= 100'

0' 100' 200' 300'

## NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
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- 100YR-FP — 100 YEAR FULLY DEVELOPED MODELED FLOODPLAIN
- TIME OF CONCENTRATION PATH

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024


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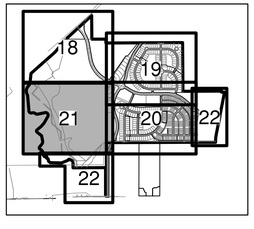
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX. 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DRAINAGE STUDY (4 OF 5)




KEY MAP

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 21 OF 29

Date: Sep 09, 2024, 11:23am User ID: pavlovtar
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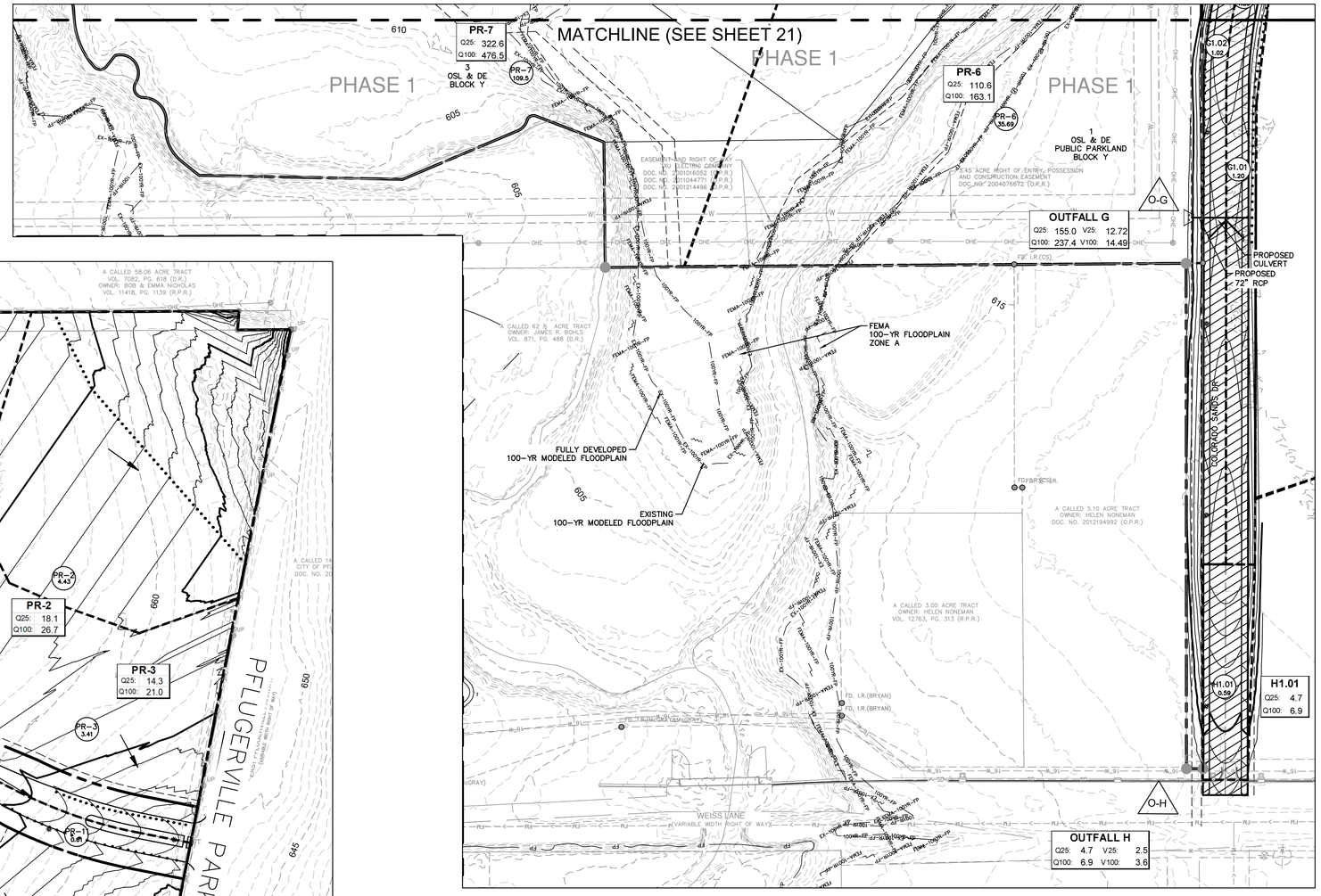


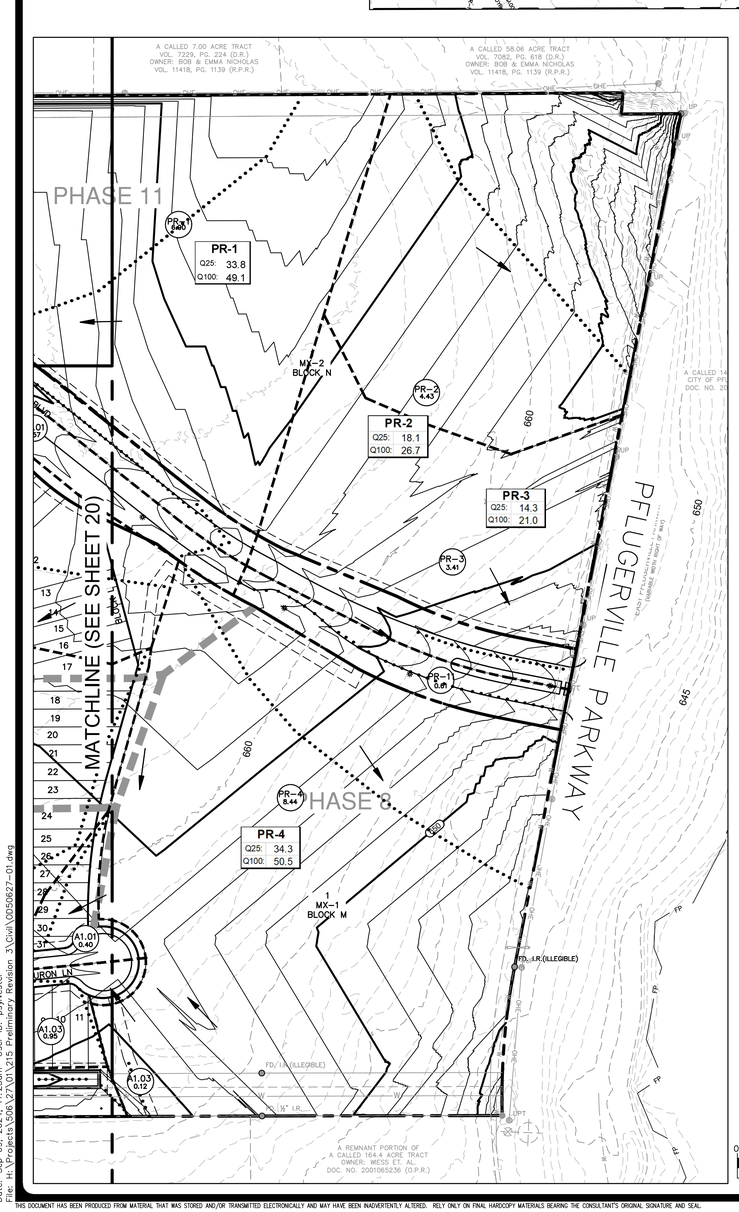


FUTURE COLORADO SANDS DR. EXTENSION TO WEISS LN.

SCALE: 1" = 100'

0' 100' 200' 300'

SCALE: 1" = 100'

0' 100' 200' 300'

## NOTES:

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| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

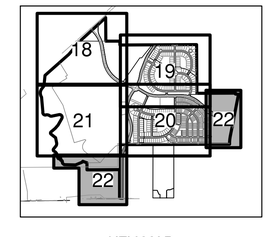
STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024


PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801


# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

DRAINAGE STUDY (5 OF 5)




KEY MAP

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 22 OF 29

Date: Sep 09, 2024, 11:25am User ID: paylwater
File: H:\Projects\50627\01\215 Preliminary Revision 3\Civil\0250627-01.dwg

## NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
2. REFER TO THE LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.

| | | | | COMPOSITE C | | | | | SHEET FLOW | | | | SHALLOW CONCENTRATED FLOW | | | STREET GUTTER FLOW | | | | | Cumulative | INTENSITY | | | DISCHARGE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRAINAGE AREA | AREA (acres) | I.C. % | $C_2$ | $C_{25}$ | $C_{100}$ | $A·C_2$ | $A·C_{25}$ | $A·C_{100}$ | Length (ft) | Manning's (n) | Slope ft/ft | Tc (min) | Length (ft) | Slope ft/ft | Tc (min) | Length (ft) | Manning's (n) | Slope ft/ft | Velocity ft/s | Tc (min) | Tc (min) | I 2yr (in/hr) | I 25yr (in/hr) | I 100yr (in/hr) | Q 2 (cfs) | Q 25 (cfs) | Q 100 (cfs) |
| ULTIMATE CONDITION DRAINAGE AREAS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1.01 | 0.40 | 85% | 0.67 | 0.80 | 0.89 | 0.27 | 0.32 | 0.35 | 100 | 0.24 | 0.027 | 12.2 | 110 | 0.032 | 0.6 | 35 | 0.016 | 0.012 | 4.0 | 0.1 | 12.99 | 8.5 | 8.1 | 10.6 | 2.3 | 2.6 | 3.8 |
| A1.02 | 1.67 | 65% | 0.58 | 0.70 | 0.79 | 0.97 | 1.17 | 1.31 | 100 | 0.016 | 0.007 | 2.4 | 327 | 0.020 | 2.4 | 80 | 0.016 | 0.012 | 4.0 | 0.3 | 5.13 | 8.4 | 11.3 | 14.8 | 8.2 | 13.2 | 19.4 |
| A1.03 | 0.95 | 65% | 0.58 | 0.70 | 0.79 | 0.55 | 0.67 | 0.75 | 100 | 0.016 | 0.005 | 2.7 | 267 | 0.005 | 3.9 | 240 | 0.016 | 0.019 | 5.0 | 0.8 | 7.45 | 5.6 | 10.1 | 13.2 | 3.1 | 6.7 | 9.8 |
| A1.04 | 0.19 | 85% | 0.67 | 0.80 | 0.89 | 0.13 | 0.15 | 0.17 | 0 | 0.016 | 0.014 | 0.0 | 0 | 0.020 | 0.0 | 327 | 0.016 | 0.005 | 2.6 | 2.1 | 5.00 | 6.3 | 11.4 | 14.9 | 0.8 | 1.7 | 2.5 |
| A1.05 | 1.34 | 65% | 0.58 | 0.70 | 0.79 | 0.78 | 0.94 | 1.05 | 100 | 0.24 | 0.019 | 14.0 | 40 | 0.020 | 0.3 | 300 | 0.016 | 0.015 | 4.4 | 1.1 | 15.47 | 4.2 | 7.5 | 9.8 | 3.3 | 7.0 | 10.3 |
| A1.06 | 0.50 | 65% | 0.58 | 0.70 | 0.79 | 0.29 | 0.35 | 0.39 | 100 | 0.016 | 0.012 | 1.9 | 21 | 0.020 | 0.2 | 94 | 0.016 | 0.013 | 4.1 | 0.4 | 5.00 | 6.3 | 11.4 | 14.9 | 1.8 | 4.0 | 5.8 |
| A1.07 | 0.07 | 85% | 0.67 | 0.80 | 0.89 | 0.05 | 0.06 | 0.06 | 0 | 0.24 | 0.017 | 0.0 | 0 | 0.017 | 0.0 | 111 | 0.016 | 0.006 | 2.8 | 0.7 | 5.00 | 6.3 | 11.4 | 14.9 | 0.3 | 0.6 | 0.9 |
| A1.08 | 0.20 | 85% | 0.67 | 0.80 | 0.89 | 0.13 | 0.16 | 0.18 | 0 | 0.016 | 0.009 | 0.0 | 0 | 0.017 | 0.0 | 304 | 0.016 | 0.014 | 4.3 | 1.2 | 5.00 | 6.3 | 11.4 | 14.9 | 0.8 | 1.8 | 2.6 |
| A1.09 | 0.94 | 65% | 0.58 | 0.70 | 0.79 | 0.55 | 0.66 | 0.74 | 100 | 0.24 | 0.011 | 17.5 | 20 | 0.025 | 0.1 | 262 | 0.016 | 0.014 | 4.3 | 1.0 | 18.64 | 3.8 | 6.9 | 9.0 | 2.1 | 4.5 | 6.6 |
| A1.10 | 1.21 | 65% | 0.58 | 0.70 | 0.79 | 0.70 | 0.85 | 0.95 | 36 | 0.24 | 0.015 | 6.8 | 100 | 0.015 | 0.8 | 276 | 0.016 | 0.006 | 2.8 | 1.6 | 9.31 | 5.2 | 9.3 | 12.1 | 3.6 | 7.9 | 11.5 |
| A1.11 | 0.11 | 85% | 0.67 | 0.80 | 0.89 | 0.07 | 0.09 | 0.10 | 0 | 0.016 | 0.003 | 0.0 | 0 | 0.048 | 0.0 | 185 | 0.016 | 0.006 | 2.8 | 1.1 | 5.00 | 6.3 | 11.4 | 14.9 | 0.5 | 1.0 | 1.4 |
| A1.12 | 0.07 | 85% | 0.67 | 0.80 | 0.89 | 0.05 | 0.05 | 0.06 | 0 | 0.24 | 0.011 | 0.0 | 0 | 0.011 | 0.0 | 110 | 0.016 | 0.004 | 2.3 | 0.8 | 5.00 | 6.3 | 11.4 | 14.9 | 0.3 | 0.6 | 0.9 |
| A1.13 | 0.11 | 85% | 0.67 | 0.80 | 0.89 | 0.07 | 0.09 | 0.10 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 155 | 0.016 | 0.010 | 3.6 | 0.7 | 5.00 | 6.3 | 11.4 | 14.9 | 0.5 | 1.0 | 1.4 |
| A1.14 | 0.93 | 65% | 0.58 | 0.70 | 0.79 | 0.54 | 0.65 | 0.73 | 63 | 0.016 | 0.044 | 0.8 | 80 | 0.050 | 0.4 | 142 | 0.016 | 0.014 | 4.3 | 0.6 | 5.00 | 6.3 | 11.4 | 14.9 | 3.4 | 7.4 | 10.9 |
| A1.15 | 0.44 | 85% | 0.67 | 0.80 | 0.89 | 0.30 | 0.35 | 0.39 | 0 | 0.24 | 0.010 | 0.0 | 0 | 0.022 | 0.0 | 718 | 0.016 | 0.014 | 4.3 | 2.8 | 5.00 | 6.3 | 11.4 | 14.9 | 1.9 | 4.0 | 5.8 |
| A1.16 | 0.54 | 65% | 0.58 | 0.70 | 0.79 | 0.31 | 0.38 | 0.42 | 0 | 0.24 | 0.003 | 0.0 | 0 | 0.022 | 0.0 | 718 | 0.016 | 0.013 | 4.1 | 2.9 | 5.00 | 6.3 | 11.4 | 14.9 | 2.0 | 4.3 | 6.3 |
| A1.17 | 1.32 | 65% | 0.58 | 0.70 | 0.79 | 0.77 | 0.93 | 1.04 | 100 | 0.24 | 0.010 | 18.2 | 31 | 0.010 | 0.3 | 276 | 0.016 | 0.014 | 4.3 | 1.1 | 19.56 | 3.7 | 6.7 | 8.8 | 2.9 | 6.2 | 9.1 |
| A1.18 | 0.53 | 85% | 0.67 | 0.80 | 0.89 | 0.36 | 0.42 | 0.47 | 0 | 0.24 | 0.010 | 0.0 | 0 | 0.022 | 0.0 | 881 | 0.016 | 0.014 | 4.3 | 3.4 | 5.00 | 6.3 | 11.4 | 14.9 | 2.2 | 4.8 | 7.0 |
| A1.19 | 1.13 | 65% | 0.58 | 0.70 | 0.79 | 0.66 | 0.79 | 0.89 | 100 | 0.24 | 0.010 | 18.2 | 115 | 0.022 | 0.8 | 141 | 0.016 | 0.014 | 4.3 | 0.6 | 19.51 | 3.7 | 6.7 | 8.8 | 2.5 | 5.3 | 7.8 |
| A2.01 | 0.49 | 65% | 0.58 | 0.70 | 0.79 | 0.29 | 0.34 | 0.38 | 71 | 0.24 | 0.021 | 10.3 | 0 | 0.021 | 0.0 | 178 | 0.016 | 0.005 | 2.6 | 1.2 | 11.43 | 4.8 | 8.6 | 11.2 | 1.4 | 2.9 | 4.3 |
| A2.02 | 0.17 | 65% | 0.58 | 0.70 | 0.79 | 0.10 | 0.12 | 0.13 | 0 | 0.24 | 0.040 | 0.0 | 0 | 0.049 | 0.0 | 125 | 0.016 | 0.008 | 3.2 | 0.6 | 5.00 | 6.3 | 11.4 | 14.9 | 0.6 | 1.4 | 2.0 |
| A2.03 | 0.12 | 85% | 0.67 | 0.80 | 0.89 | 0.08 | 0.10 | 0.11 | 0 | 0.24 | 0.040 | 0.0 | 0 | 0.049 | 0.0 | 126 | 0.016 | 0.008 | 3.2 | 0.7 | 5.00 | 6.3 | 11.4 | 14.9 | 0.5 | 1.1 | 1.6 |
| A3.01 | 1.42 | 65% | 0.58 | 0.70 | 0.79 | 0.83 | 1.00 | 1.11 | 100 | 0.24 | 0.015 | 15.4 | 31 | 0.015 | 0.3 | 361 | 0.016 | 0.005 | 2.6 | 2.4 | 18.06 | 3.9 | 7.0 | 9.1 | 3.2 | 6.9 | 10.2 |
| A3.02 | 0.25 | 85% | 0.67 | 0.80 | 0.89 | 0.17 | 0.20 | 0.22 | 0 | 0.24 | 0.017 | 0.0 | 0 | 0.017 | 0.0 | 405 | 0.016 | 0.007 | 3.0 | 2.2 | 5.00 | 6.3 | 11.4 | 14.9 | 1.1 | 2.3 | 3.3 |
| A4.01 | 2.09 | 65% | 0.58 | 0.70 | 0.79 | 1.22 | 1.47 | 1.64 | 100 | 0.24 | 0.012 | 16.9 | 165 | 0.013 | 1.5 | 257 | 0.016 | 0.010 | 3.6 | 1.2 | 19.57 | 3.7 | 6.7 | 8.8 | 4.5 | 9.8 | 14.4 |
| A4.02 | 0.14 | 85% | 0.67 | 0.80 | 0.89 | 0.09 | 0.11 | 0.12 | 0 | 0.24 | 0.006 | 0.0 | 0 | 0.013 | 0.0 | 242 | 0.016 | 0.006 | 2.8 | 1.4 | 5.00 | 6.3 | 11.4 | 14.9 | 0.6 | 1.3 | 1.8 |
| A4.03 | 1.08 | 65% | 0.58 | 0.70 | 0.79 | 0.63 | 0.76 | 0.85 | 100 | 0.24 | 0.022 | 13.2 | 35 | 0.019 | 0.3 | 200 | 0.016 | 0.006 | 2.8 | 1.2 | 14.70 | 4.3 | 7.7 | 10.0 | 2.7 | 5.8 | 8.5 |
| A4.04 | 0.14 | 85% | 0.67 | 0.80 | 0.89 | 0.09 | 0.11 | 0.12 | 0 | 0.24 | 0.022 | 0.0 | 0 | 0.004 | 0.0 | 232 | 0.016 | 0.004 | 2.3 | 1.7 | 5.00 | 6.3 | 11.4 | 14.9 | 0.6 | 1.3 | 1.8 |
| A4.05 | 0.09 | 65% | 0.58 | 0.70 | 0.79 | 0.05 | 0.06 | 0.07 | 0.05 | 0.24 | 0.005 | 0.1 | 0 | 0.005 | 0.0 | 165 | 0.016 | 0.005 | 2.6 | 1.1 | 5.00 | 6.3 | 11.4 | 14.9 | 0.3 | 0.7 | 1.1 |
| A4.06 | 0.02 | 85% | 0.67 | 0.80 | 0.89 | 0.01 | 0.01 | 0.02 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 282 | 0.016 | 0.005 | 2.6 | 1.8 | 5.00 | 6.3 | 11.4 | 14.9 | 0.1 | 0.2 | 0.2 |
| A4.07 | 0.59 | 65% | 0.58 | 0.70 | 0.79 | 0.34 | 0.41 | 0.46 | 100 | 0.24 | 0.020 | 13.8 | 20 | 0.021 | 0.1 | 121 | 0.016 | 0.009 | 3.4 | 0.6 | 14.50 | 4.3 | 7.7 | 10.1 | 1.5 | 3.2 | 4.7 |
| A4.08 | 0.13 | 85% | 0.67 | 0.80 | 0.89 | 0.09 | 0.10 | 0.12 | 0 | 0.24 | 0.007 | 0.0 | 0 | 0.007 | 0.0 | 237 | 0.016 | 0.007 | 3.0 | 1.3 | 5.00 | 6.3 | 11.4 | 14.9 | 0.5 | 1.2 | 1.7 |
| A4.09 | 0.84 | 65% | 0.58 | 0.70 | 0.79 | 0.49 | 0.59 | 0.66 | 100 | 0.24 | 0.010 | 18.2 | 25 | 0.011 | 0.2 | 139 | 0.016 | 0.009 | 3.4 | 0.7 | 19.08 | 3.8 | 6.8 | 8.9 | 1.8 | 4.0 | 5.8 |
| A4.10 | 0.20 | 85% | 0.67 | 0.80 | 0.89 | 0.13 | 0.16 | 0.18 | 0 | 0.24 | 0.009 | 0.0 | 0 | 0.009 | 0.0 | 334 | 0.016 | 0.009 | 3.4 | 1.6 | 5.00 | 6.3 | 11.4 | 14.9 | 0.8 | 1.8 | 2.6 |
| A4.11 | 0.68 | 65% | 0.58 | 0.70 | 0.79 | 0.40 | 0.48 | 0.53 | 72 | 0.24 | 0.010 | 14.0 | 67 | 0.011 | 0.7 | 132 | 0.016 | 0.009 | 3.4 | 0.6 | 15.27 | 4.2 | 7.5 | 9.9 | 1.7 | 3.6 | 5.3 |
| A5.01 | 1.22 | 65% | 0.58 | 0.70 | 0.79 | 0.71 | 0.86 | 0.96 | 28 | 0.24 | 0.021 | 4.9 | 132 | 0.027 | 0.8 | 258 | 0.016 | 0.008 | 3.2 | 1.3 | 7.04 | 5.7 | 10.2 | 13.4 | 4.0 | 8.8 | 12.8 |
| A5.02 | 0.75 | 65% | 0.58 | 0.70 | 0.79 | 0.44 | 0.53 | 0.59 | 22 | 0.24 | 0.019 | 4.2 | 12 | 0.025 | 0.1 | 272 | 0.016 | 0.014 | 4.3 | 1.1 | 5.32 | 6.2 | 11.2 | 14.6 | 2.7 | 5.9 | 8.6 |
| A6.01 | 0.76 | 65% | 0.58 | 0.70 | 0.79 | 0.44 | 0.53 | 0.60 | 62 | 0.016 | 0.018 | 1.1 | 91 | 0.030 | 0.5 | 136 | 0.016 | 0.004 | 2.3 | 1.0 | 5.00 | 6.3 | 11.4 | 14.9 | 2.8 | 6.1 | 8.9 |
| A6.02 | 0.35 | 65% | 0.58 | 0.70 | 0.79 | 0.20 | 0.25 | 0.27 | 27 | 0.016 | 0.022 | 0.5 | 29 | 0.019 | 0.2 | 68 | 0.016 | 0.008 | 3.2 | 0.4 | 5.00 | 6.3 | 11.4 | 14.9 | 1.3 | 2.8 | 4.1 |
| A6.03 | 1.02 | 65% | 0.58 | 0.70 | 0.79 | 0.59 | 0.72 | 0.80 | 60 | 0.016 | 0.010 | 1.4 | 37 | 0.026 | 0.2 | 200 | 0.016 | 0.008 | 3.2 | 1.0 | 5.00 | 6.3 | 11.4 | 14.9 | 3.7 | 8.1 | 11.9 |
| A7.01 | 0.70 | 65% | 0.58 | 0.70 | 0.79 | 0.41 | 0.49 | 0.55 | 40 | 0.24 | 0.031 | 5.5 | 0 | 0.026 | 0.0 | 517 | 0.016 | 0.016 | 4.6 | 1.9 | 7.44 | 5.6 | 10.1 | 13.2 | 2.3 | 4.9 | 7.2 |
| A7.02 | 0.22 | 85% | 0.67 | 0.80 | 0.89 | 0.15 | 0.18 | 0.19 | 20 | 0.24 | 0.036 | 3.0 | 0 | 0.014 | 0.0 | 378 | 0.016 | 0.014 | 4.3 | 1.5 | 5.00 | 6.3 | 11.4 | 14.9 | 0.9 | 2.0 | 2.9 |
| A8.01 | 2.28 | 45% | 0.58 | 0.70 | 0.79 | 1.33 | 1.60 | 1.79 | 100 | 0.24 | 0.015 | 15.4 | 378 | 0.015 | 3.2 | 0 | 0.016 | 0.014 | 4.3 | 0.0 | 18.63 | 3.8 | 6.9 | 9.0 | 5.1 | 11.0 | 16.1 |
| A8.02 | 2.94 | 43% | 0.58 | 0.70 | 0.79 | 1.71 | 2.06 | 2.31 | 100 | 0.24 | 0.015 | 15.4 | 483 | 0.013 | 4.4 | 0 | 0.016 | 0.014 | 4.3 | 0.0 | 19.82 | 3.7 | 6.6 | 8.7 | 6.3 | 13.7 | 20.1 |
| A9.01 | 0.90 | 65% | 0.58 | 0.70 | 0.79 | 0.52 | 0.63 | 0.71 | 90 | 0.24 | 0.015 | 14.2 | 0 | 0.015 | 0.0 | 253 | 0.016 | 0.006 | 2.8 | 1.5 | 15.70 | 4.1 | 7.4 | 9.7 | 2.2 | 4.7 | 6.9 |
| A9.02 | 0.31 | 65% | 0.58 | 0.70 | 0.79 | 0.18 | 0.22 | 0.24 | 0 | 0.24 | 0.010 | 0.0 | 0 | 0.015 | 0.0 | 536 | 0.016 | 0.006 | 2.8 | 3.2 | 5.00 | 6.3 | 11.4 | 14.9 | 1.1 | 2.5 | 3.6 |
| A9.03 | 0.68 | 65% | 0.58 | 0.70 | 0.79 | 0.40 | 0.48 | 0.53 | 100 | 0.24 | 0.015 | 15.4 | 30 | 0.015 | 0.3 | 260 | 0.016 | 0.006 | 2.8 | 1.6 | 17.25 | 4.0 | 7.1 | 9.3 | 1.6 | 3.4 | 5.0 |
| A11.01 | 0.85 | 65% | 0.58 | 0.70 | 0.79 | 0.50 | 0.60 | 0.67 | 100 | 0.24 | 0.010 | 18.2 | 25 | 0.010 | 0.3 | 223 | 0.016 | 0.009 | 3.4 | 1.1 | 19.51 | 3.7 | 6.7 | 8.8 | 1.8 | 4.0 | 5.9 |
| A11.02 | 0.26 | 85% | 0.67 | 0.80 | 0.89 | 0.17 | 0.21 | 0.23 | 0 | 0.24 | 0.030 | 0.0 | 0 | 0.030 | 0.0 | 437 | 0.016 | 0.009 | 3.4 | 2.1 | 5.00 | 6.3 | 11.4 | 14.9 | 1.1 | 2.4 | 3.4 |
| A11.03 | 0.67 | 65% | 0.58 | 0.70 | 0.79 | 0.39 | 0.47 | 0.53 | 54 | 0.24 | 0.015 | 9.4 | 0 | 0.030 | 0.0 | 169 | 0.016 | 0.009 | 3.4 | 0.8 | 10.26 | 5.0 | 8.9 | 11.7 | 1.9 | 4.2 | 6.1 |
| A11.04 | 0.28 | 85% | 0.67 | 0.80 | 0.89 | 0.19 | 0.22 | 0.25 | 0 | 0.24 | 0.018 | 0.0 | 0 | 0.030 | 0.0 | 481 | 0.016 | 0.010 | 3.6 | 2.2 | 5.00 | 6.3 | 11.4 | 14.9 | 1.2 | 2.5 | 3.7 |
| A11.05 | 0.60 | 65% | 0.58 | 0.70 | 0.79 | 0.35 | 0.42 | 0.47 | 42 | 0.24 | 0.018 | 7.2 | 0 | 0.030 | 0.0 | 381 | 0.016 | 0.010 | 3.6 | 1.8 | 8.93 | 5.2 | 9.4 | 12.3 | 1.8 | 4.0 | 5.8 |
| A12.01 | 1.31 | 65% | 0.58 | 0.70 | 0.79 | 0.76 | 0.92 | 1.03 | 100 | 0.24 | 0.014 | 15.9 | 130 | 0.014 | 1.1 | 0 | 0.24 | 0.006 | 0.2 | 0.0 | 17.01 | 4.0 | 7.2 | 9.4 | 3.0 | 6.6 | 9.6 |
| A12.02 | 0.89 | 65% | 0.58 | 0.70 | 0.79 | 0.52 | 0.62 | 0.70 | 100 | 0.24 | 0.015 | 15.4 | 153 | 0.015 | 1.3 | 50 | 0.016 | 0.006 | 2.8 | 0.3 | 17.03 | 4.0 | 7.2 | 9.4 | 2.1 | 4.5 | 6.5 |
| A13.01 | 1.47 | 65% | 0.58 | 0.70 | 0.79 | 0.86 | 1.03 | 1.15 | 100 | 0.24 | 0.011 | 17.5 | 107 | 0.011 | 1.1 | 0 | 0.016 | 0.009 | 3.4 | 0.0 | 18.54 | 3.8 | 6.9 | 9.0 | 3.3 | 7.1 | 10.4 |
| A13.02 | 0.84 | 65% | 0.58 | 0.70 | 0.79 | 0.49 | 0.59 | 0.66 | 88 | 0.24 | 0.012 | 15.2 | 0 | 0.012 | 0.0 | 312.6 | 0.016 | 0.005 | 2.6 | 2.0 | 17.29 | 4.0 | 7.1 | 9.3 | 1.9 | 4.2 | 6.1 |
| A13.03 | 0.88 | 65% | 0.58 | 0.70 | 0.79 | 0.51 | 0.62 | 0.69 | 100 | 0.24 | 0.011 | 17.5 | 19 | 0.011 | 0.2 | 112.8 | 0.016 | 0.005 | 2.6 | 0.7 | 18.41 | 3.8 | 6.9 | 9.0 | 2.0 | 4.2 | 6.2 |
| A13.04 | 0.46 | 65% | 0.58 | 0.70 | 0.79 | 0.27 | 0.32 | 0.36 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 627 | 0.016 | 0.005 | 2.6 | 4.1 | 5.00 | 6.3 | 11.4 | 14.9 | 1.7 | 3.7 | 5.4 |
| B1.01 | 0.67 | 85% | 0.67 | 0.80 | 0.89 | 0.45 | 0.53 | 0.59 | 45 | 0.24 | 0.011 | 9.2 | 97 | 0.001 | 3.2 | 103 | 0.24 | 0.008 | 0.2 | 8.0 | 20.38 | 3.6 | 6.6 | 8.6 | 1.6 | 3.5 | 5.1 |
| B1.02 | 0.98 | 85% | 0.67 | 0.80 | 0.89 | 0.66 | 0.78 | 0.87 | 100 | 0.24 | 0.011 | 17.5 | 45 | 0.011 | 0.4 | 208 | 0.24 | 0.007 | 0.2 | 17.2 | 35.16 | 2.7 | 4.9 | 6.4 | 1.8 | 3.8 | 5.6 |
| B1.03 | 0.27 | 85% | 0.67 | 0.80 | 0.89 | 0.18 | 0.22 | 0.24 | 0 | 0.24 | 0.008 | 0.0 | 0 | 0.020 | 0.0 | 437 | 0.016 | 0.006 | 2.8 | 2.6 | 5.00 | 6.3 | 11.4 | 14.9 | 1.1 | 2.4 | 3.6 |
| B1.04 | 0.20 | 65% | 0.58 | 0.70 | 0.79 | 0.12 | 0.14 | 0.16 | 0 | 0.24 | 0.026 | 0.0 | 0 | 0.033 | 0.0 | 238 | 0.016 | 0.014 | 4.3 | 0.9 | 5.00 | 6.3 | 11.4 | 14.9 | 0.7 | 1.6 | 2.3 |
| B1.05 | 0.15 | 65% | 0.58 | 0.70 | 0.79 | 0.09 | 0.11 | 0.12 | 0 | 0.24 | 0.019 | 0.0 | 0 | 0.033 | 0.0 | 95 | 0.016 | 0.015 | 4.4 | 0.4 | 5.00 | 6.3 | 11.4 | 14.9 | 0.5 | 1.2 | 1.8 |
| B1.06 | 0.92 | 65% | 0.58 | 0.70 | 0.79 | 0.54 | 0.65 | 0.72 | 80 | 0.24 | 0.016 | 12.6 | 0 | 0.025 | 0.0 | 142 | 0.016 | 0.014 | 4.3 | 0.6 | 13.14 | 4.5 | 8.1 | 10.5 | 2.4 | 5.2 | 7.6 |
| B1.07 | 1.02 | 65% | 0.58 | 0.70 | 0.79 | 0.59 | 0.72 | 0.80 | 96 | 0.24 | 0.027 | 11.8 | 0 | 0.020 | 0.0 | 559 | 0.016 | 0.015 | 4.4 | 2.1 | 13.92 | 4.4 | 7.9 | 10.3 | 2.6 | 5.6 | 8.2 |
| B1.08 | 0.33 | 65% | 0.58 | 0.70 | 0.79 | 0.19 | 0.23 | 0.26 | 0 | 0.24 | 0.018 | 0.0 | 0 | 0.020 | 0.0 | 159 | 0.016 | 0.013 | 4.1 | 0.6 | 5.00 | 6.3 | 11.4 | 14.9 | 1.2 | 2.6 | 3.9 |
| B1.09 | 0.88 | 65% | 0.58 | 0.70 | 0.79 | 0.51 | 0.62 | 0.69 | 48 | 0.24 | 0.012 | 9.4 | 0 | 0.020 | 0.0 | 183 | 0.016 | 0.009 | 3.4 | 0.9 | 10.28 | 5.0 | 8.9 | 11.7 | 2.5 | 5.5 | 8.1 |
| B1.10 | 0.95 | 65% | 0.58 | 0.70 | 0.79 | 0.55 | 0.67 | 0.75 | 43 | 0.24 | 0.011 | 8.9 | 0 | 0.020 | 0.0 | 663 | 0.016 | 0.009 | 3.4 | 3.2 | 12.13 | 4.6 | 8.3 | 10.9 | 2.6 | 5.6 | 8.1 |
| B2.01 | 1.25 | 65% | 0.58 | 0.70 | 0.79 | 0.73 | 0.88 | 0.98 | 100 | 0.24 | 0.009 | 18.9 | 113 | 0.008 | 1.3 | 103 | 0.016 | 0.010 | 3.6 | 0.5 | 20.72 | 3.6 | 6.5 | 8.5 | 2.6 | 5.7 | 8.4 |
| B3.01 | 0.83 | 65% | 0.58 | 0.70 | 0.79 | 0.48 | 0.58 | 0.65 | 98 | 0.24 | 0.015 | 15.2 | 123 | 0.014 | 1.1 | 52 | 0.016 | 0.028 | 6.0 | 0.1 | 16.41 | 4.1 | 7.3 | 9.5 | 2.0 | 4.2 | 6.2 |
| B3.02 | 0.46 | 65% | 0.58 | 0.70 | 0.79 | 0.27 | 0.32 | 0.36 | 42.6 | 0.24 | 0.011 | 8.8 | 89 | 0.006 | 1.2 | 80 | 0.016 | 0.023 | 5.5 | 0.2 | 10.26 | 5.0 | 8.9 | 11.7 | 1.3 | 2.9 | 4.2 |
| B4.01 | 2.37 | 85% | 0.67 | 0.80 | 0.89 | 1.59 | 1.89 | 2.10 | 100 | 0.24 | 0.019 | 14.0 | 58 | 0.019 | 0.4 | 263 | 0.024 | 0.016 | 3.0 | 1.4 | 15.92 | 4.1 | 7.4 | 9.7 | 6.6 | 14.0 | 20.3 |
| B4.02 | 2.34 | 85% | 0.67 | 0.80 | 0.89 | 1.57 | 1.87 | 2.07 | 100 | 0.24 | 0.013 | 16.4 | 9 | 0.020 | 0.1 | 317 | 0.024 | 0.013 | 2.7 | 1.9 | 18.34 | 3.8 | 6.9 | 9.0 | 6.0 | 12.9 | 18.7 |
| B4.03 | 0.45 | 85% | 0.67 | 0.80 | 0.89 | 0.30 | 0.36 | 0.40 | 53 | 0.24 | 0.019 | 8.5 | 0 | 0.019 | 0.0 | 373 | 0.016 | 0.009 | 3.4 | 1.8 | 10.27 | 5.0 | 8.9 | 11.7 | 1.5 | 3.2 | 4.7 |
| B4.04 | 0.24 | 85% | 0.67 | 0.80 | 0.89 | 0.16 | 0.19 | 0.21 | 0 | 0.24 | 0.027 | 0.0 | 0 | 0.013 | 0.0 | 413 | 0.016 | 0.011 | 3.8 | 1.8 | 5.00 | 6.3 | 11.4 | 14.9 | 1.0 | 2.2 | 3.2 |
| B5.01 | 0.56 | 65% | 0.58 | 0.70 | 0.79 | 0.33 | 0.39 | 0.44 | 75 | 0.24 | 0.013 | 13.0 | 145 | 0.027 | 0.9 | 16 | 0.016 | 0.008 | 3.2 | 0.1 | 13.98 | 4.4 | 7.8 | 10.3 | 1.4 | 3.1 | 4.5 |
| B5.02 | 0.50 | 65% | 0.58 | 0.70 | 0.79 | 0.29 | 0.35 | 0.39 | 100 | 0.24 | 0.013 | 16.4 | 89 | 0.027 | 0.6 | 59 | 0.016 | 0.008 | 3.2 | 0.3 | 17.22 | 4.0 | 7.1 | 9.3 | 1.2 | 2.5 | 3.7 |
| B6.01 | 2.04 | 85% | 0.67 | 0.80 | 0.89 | 1.37 | 1.63 | 1.81 | 100 | 0.24 | 0.012 | 16.9 | 283 | 0.013 | 2.6 | 0 | 0.016 | 0.008 | 3.2 | 0.0 | 19.45 | 3.7 | 6.7 | 8.8 | 5.1 | 10.9 | 15.9 |
| B6.02 | 0.64 | 65% | 0.58 | 0.70 | 0.79 | 0.37 | 0.45 | 0.50 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.013 | 0.0 | 376 | 0.016 | 0.008 | 3.2 | 1.9 | 5.00 | 6.3 | 11.4 | 14.9 | 2.3 | 5.1 | 7.5 |
| B6.03 | 0.27 | 65% | 0.58 | 0.80 | 0.79 | 0.16 | 0.22 | 0.21 | 0 | 0.24 | 0.011 | 0.0 | 0 | 0.012 | 0.0 | 258 | 0.024 | 0.007 | 2.0 | 2.1 | 5.00 | 6.3 | 11.4 | 14.9 | 1.0 | 2.4 | 3.2 |
| B6.04 | 1.05 | 65% | 0.58 | 0.70 | 0.79 | 0.61 | 0.74 | 0.82 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 209 | 0.016 | 0.005 | 2.6 | 1.4 | 5.00 | 6.3 | 11.4 | 14.9 | 3.8 | 8.4 | 12.3 |
| B6.05 | 0.80 | 65% | 0.58 | 0.70 | 0.79 | 0.47 | 0.56 | 0.63 | 95 | 0.24 | 0.005 | 23.0 | 85 | 0.005 | 1.2 | 50 | 0.016 | 0.005 | 2.6 | 0.3 | 24.57 | 3.3 | 5.9 | 7.8 | 1.5 | 3.3 | 4.9 |
| B6.06 | 0.37 | 65% | 0.58 | 0.70 | 0.79 | 0.22 | 0.26 | 0.29 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 460 | 0.016 | 0.005 | 2.6 | 3.0 | 5.00 | 6.3 | 11.4 | 14.9 | 1.4 | 2.9 | 4.3 |
| C1.01 | 0.57 | 85% | 0.67 | 0.80 | 0.89 | 0.38 | 0.45 | 0.50 | 55 | 0.016 | 0.022 | 0.9 | 0 | 0.005 | 0.0 | 429 | 0.016 | 0.015 | 4.4 | 1.6 | 5.00 | 6.3 | 11.4 | 14.9 | 2.4 | 5.2 | 7.5 |
| C1.02 | 0.95 | 85% | 0.67 | 0.80 | 0.89 | 0.64 | 0.76 | 0.84 | 70 | 0.24 | 0.015 | 11.6 | 0 | 0.005 | 0.0 | 815 | 0.016 | 0.015 | 4.4 | 3.1 | 14.68 | 4.3 | 7.7 | 10.0 | 2.7 | 5.8 | 8.4 |
| C1.03 | 0.91 | 85% | 0.67 | 0.80 | 0.89 | 0.61 | 0.73 | 0.81 | 100 | 0.24 | 0.008 | 19.9 | 0 | 0.020 | 0.0 | 455 | 0.016 | 0.012 | 4.0 | 1.9 | 21.78 | 3.5 | 6.3 | 8.3 | 2.2 | 4.6 | 6.7 |
| C1.04 | 1.72 | 85% | 0.67 | 0.80 | 0.89 | 1.16 | 1.37 | 1.52 | 100 | 0.24 | 0.008 | 19.9 | 0 | 0.050 | 0.0 | 465 | 0.016 | 0.006 | 2.8 | 2.8 | 22.63 | 3.4 | 6.2 | 8.1 | 4.0 | 8.5 | 12.4 |
| C1.05 | 0.92 | 65% | 0.58 | 0.70 | 0.79 | 0.54 | 0.65 | 0.72 | 100 | 0.24 | 0.050 | 9.5 | 0 | 0.005 | 0.0 | 585 | 0.016 | 0.008 | 3.2 | 3.0 | 12.56 | 4.6 | 8.2 | 10.8 | 2.5 | 5.3 | 7.8 |
| C1.06 | 0.53 | 65% | 0.58 | 0.70 | 0.79 | 0.31 | 0.37 | 0.42 | 60 | 0.24 | 0.018 | 9.5 | 0 | 0.005 | 0.0 | 810 | 0.016 | 0.010 | 3.6 | 3.7 | 13.28 | 4.5 | 8.0 | 10.5 | 1.4 | 3.0 | 4.4 |
| C1.07 | 0.60 | 85% | 0.67 | 0.80 | 0.89 | 0.40 | 0.48 | 0.53 | 0 | 0.24 | 0.003 | 0.0 | 0 | 0.005 | 0.0 | 535 | 0.016 | 0.006 | 2.8 | 3.2 | 5.00 | 6.3 | 11.4 | 14.9 | 2.5 | 5.4 | 7.9 |
| C1.08 | 0.21 | 85% | 0.67 | 0.80 | 0.89 | 0.14 | 0.17 | 0.19 | 0 | 0.24 | 0.003 | 0.0 | 0 | 0.005 | 0.0 | 202 | 0.016 | 0.006 | 2.8 | 1.2 | 5.00 | 6.3 | 11.4 | 14.9 | 0.9 | 1.9 | 2.8 |

| | | | | COMPOSITE C | | | | | SHEET FLOW | | | | SHALLOW CONCENTRATED FLOW | | | STREET GUTTER FLOW | | | | | Cumulative | INTENSITY | | | DISCHARGE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRAINAGE AREA | AREA (acres) | I.C. % | $C_2$ | $C_{25}$ | $C_{100}$ | $A·C_2$ | $A·C_{25}$ | $A·C_{100}$ | Length (ft) | Manning's (n) | Slope ft/ft | Tc (min) | Length (ft) | Slope ft/ft | Tc (min) | Length (ft) | Manning's (n) | Slope ft/ft | Velocity ft/s | Tc (min) | Tc (min) | I 2yr (in/hr) | I 25yr (in/hr) | I 100yr (in/hr) | Q 2 (cfs) | Q 25 (cfs) | Q 100 (cfs) |
| ULTIMATE CONDITION DRAINAGE AREAS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2.01A | 1.42 | 65% | 0.58 | 0.70 | 0.79 | 0.83 | 1.00 | 1.11 | 71 | 0.24 | 0.016 | 11.4 | 98 | 0.022 | 0.7 | 276 | 0.016 | 0.017 | 4.7 | 1.0 | 13.10 | 4.5 | 8.1 | 10.6 | 3.7 | 8.0 | 11.8 |
| C2.01B | 1.48 | 0% | 0.29 | 0.39 | 0.46 | 0.43 | 0.58 | 0.68 | 100 | 0.24 | 0.016 | 15.0 | 120 | 0.022 | 0.8 | 144 | 0.016 | 0.017 | 4.7 | 0.5 | 16.39 | 4.1 | 7.3 | 9.5 | 1.7 | 4.2 | 6.5 |
| C2.01 | 2.90 | 32% | 0.43 | 0.54 | 0.62 | 1.26 | 1.58 | 1.80 | | | | | | | | | | | | | 16.39 | 4.1 | 7.3 | 9.5 | 5.1 | 11.5 | 17.2 |
| C3.01 | 0.84 | 85% | 0.67 | 0.80 | 0.89 | 0.56 | 0.67 | 0.74 | 25 | 0.24 | 0.002 | 11.4 | 0 | 0.003 | 0.0 | 122 | 0.016 | 0.005 | 2.6 | 0.8 | 12.20 | 4.6 | 8.3 | 10.9 | 2.6 | 5.6 | 8.1 |
| C3.02 | 0.08 | 85% | 0.67 | 0.80 | 0.89 | 0.05 | 0.06 | 0.07 | 0 | 0.24 | 0.050 | 0.0 | 0 | 0.050 | 0.0 | 138 | 0.016 | 0.005 | 2.6 | 0.9 | 5.00 | 6.3 | 11.4 | 14.9 | 0.3 | 0.7 | 1.0 |
| D1.01 | 0.62 | 65% | 0.58 | 0.70 | 0.79 | 0.36 | 0.44 | 0.49 | 63 | 0.24 | 0.032 | 7.9 | 0 | 0.005 | 0.0 | 79 | 0.016 | 0.014 | 4.3 | 0.3 | 8.19 | 5.4 | 9.7 | 12.7 | 2.0 | 4.2 | 6.2 |
| D1.02 | 0.90 | 65% | 0.58 | 0.70 | 0.79 | 0.52 | 0.63 | 0.71 | 100 | 0.24 | 0.024 | 12.8 | 18 | 0.024 | 0.1 | 213 | 0.016 | 0.013 | 4.1 | 0.9 | 13.78 | 4.4 | 7.9 | 10.3 | 2.3 | 5.0 | 7.3 |
| D1.03 | 0.38 | 65% | 0.58 | 0.70 | 0.79 | 0.22 | 0.27 | 0.30 | 0 | 0.24 | 0.050 | 0.0 | 0 | 0.005 | 0.0 | 582 | 0.016 | 0.016 | 4.6 | 2.1 | 5.00 | 6.3 | 11.4 | 14.9 | 1.4 | 3.0 | 4.4 |
| D1.04 | 0.84 | 65% | 0.58 | 0.70 | 0.79 | 0.49 | 0.59 | 0.66 | 61 | 0.24 | 0.032 | 7.7 | 0 | 0.005 | 0.0 | 180 | 0.016 | 0.020 | 5.1 | 0.6 | 8.27 | 5.4 | 9.7 | 12.7 | 2.6 | 5.7 | 8.4 |
| D1.05 | 0.96 | 65% | 0.58 | 0.70 | 0.79 | 0.56 | 0.67 | 0.75 | 100 | 0.24 | 0.010 | 18.2 | 94 | 0.011 | 0.9 | 207 | 0.016 | 0.012 | 4.0 | 0.9 | 19.96 | 3.7 | 6.6 | 8.7 | 2.1 | 4.5 | 6.5 |
| D1.06 | 0.22 | 85% | 0.67 | 0.80 | 0.89 | 0.15 | 0.18 | 0.19 | 0 | 0.24 | 0.050 | 0.0 | 0 | 0.005 | 0.0 | 369 | 0.016 | 0.009 | 3.4 | 1.8 | 5.00 | 6.3 | 11.4 | 14.9 | 0.9 | 2.0 | 2.9 |
| D1.07 | 0.63 | 65% | 0.58 | 0.70 | 0.79 | 0.37 | 0.44 | 0.49 | 100 | 0.24 | 0.015 | 15.4 | 61 | 0.015 | 0.5 | 129 | 0.016 | 0.008 | 3.2 | 0.7 | 16.62 | 4.0 | 7.2 | 9.5 | 1.5 | 3.2 | 4.7 |
| D1.08 | 0.43 | 85% | 0.67 | 0.80 | 0.89 | 0.29 | 0.34 | 0.38 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 401 | 0.016 | 0.007 | 3.0 | 2.2 | 5.00 | 6.3 | 11.4 | 14.9 | 1.8 | 3.9 | 5.7 |
| D1.09 | 0.62 | 85% | 0.67 | 0.80 | 0.89 | 0.42 | 0.49 | 0.55 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 304 | 0.016 | 0.008 | 3.1 | 1.6 | 5.00 | 6.3 | 11.4 | 14.9 | 2.6 | 5.6 | 8.2 |
| D1.10 | 0.49 | 85% | 0.78 | 0.80 | 0.89 | 0.38 | 0.39 | 0.43 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 288 | 0.016 | 0.007 | 3.0 | 1.6 | 5.00 | 6.3 | 11.4 | 14.9 | 2.4 | 4.4 | 6.5 |
| D2.01 | 0.69 | 65% | 0.58 | 0.70 | 0.79 | 0.40 | 0.48 | 0.54 | 100 | 0.24 | 0.024 | 12.8 | 196 | 0.024 | 1.3 | 0 | 0.016 | 0.006 | 2.8 | 0.0 | 14.10 | 4.3 | 7.8 | 10.2 | 1.7 | 3.8 | 5.5 |
| D2.02 | 0.30 | 65% | 0.58 | 0.70 | 0.79 | 0.17 | 0.21 | 0.24 | 100 | 0.24 | 0.022 | 13.2 | 49 | 0.022 | 0.3 | 120 | 0.016 | 0.005 | 2.6 | 0.8 | 14.37 | 4.3 | 7.7 | 10.1 | 0.8 | 1.6 | 2.4 |
| D2.03 | 0.09 | 65% | 0.58 | 0.70 | 0.79 | 0.05 | 0.06 | 0.07 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 144 | 0.016 | 0.005 | 2.6 | 0.9 | 5.00 | 6.3 | 11.4 | 14.9 | 0.3 | 0.7 | 1.0 |
| D3.01 | 0.65 | 65% | 0.58 | 0.70 | 0.79 | 0.38 | 0.46 | 0.51 | 100 | 0.24 | 0.020 | 13.8 | 42 | 0.020 | 0.3 | 151 | 0.016 | 0.011 | 3.8 | 0.7 | 14.74 | 4.3 | 7.7 | 10.0 | 1.6 | 3.5 | 5.1 |
| D4.01 | 3.48 | 65% | 0.58 | 0.70 | 0.79 | 2.03 | 2.44 | 2.73 | 100 | 0.24 | 0.012 | 16.9 | 500 | 0.012 | 4.7 | 0 | 0.24 | 0.012 | 0.3 | 0.0 | 21.60 | 3.5 | 6.4 | 8.3 | 7.2 | 15.5 | 22.8 |
| D4.02 | 0.72 | 65% | 0.58 | 0.70 | 0.79 | 0.42 | 0.51 | 0.57 | 100 | 0.24 | 0.016 | 15.0 | 65 | 0.016 | 0.5 | 61 | 0.016 | 0.007 | 3.0 | 0.3 | 15.92 | 4.1 | 7.4 | 9.7 | 1.7 | 3.7 | 5.5 |
| D5.01 | 1.50 | 65% | 0.58 | 0.70 | 0.79 | 0.87 | 1.05 | 1.18 | 100 | 0.24 | 0.009 | 18.9 | 140 | 0.009 | 1.5 | 143 | 0.016 | 0.005 | 2.6 | 0.9 | 21.40 | 3.6 | 6.4 | 8.4 | 3.1 | 6.7 | 9.9 |
| D5.02 | 0.67 | 65% | 0.58 | 0.70 | 0.79 | 0.39 | 0.47 | 0.53 | 0 | 0.24 | 0.021 | 0.0 | 0 | 0.021 | 0.0 | 832 | 0.016 | 0.005 | 2.6 | 5.4 | 5.44 | 6.1 | 11.1 | 14.5 | 2.4 | 5.2 | 7.6 |
| D5.03 | 1.12 | 65% | 0.58 | 0.70 | 0.79 | 0.65 | 0.79 | 0.88 | 100 | 0.24 | 0.021 | 13.5 | 99 | 0.021 | 0.7 | 243 | 0.016 | 0.005 | 2.6 | 1.6 | 15.79 | 4.1 | 7.4 | 9.7 | 2.7 | 5.8 | 8.5 |
| D6.01 | 4.35 | 65% | 0.58 | 0.70 | 0.79 | 2.53 | 3.05 | 3.41 | 100 | 0.24 | 0.010 | 18.2 | 700 | 0.010 | 7.2 | 0 | 0.016 | 0.025 | 5.7 | 0.0 | 25.39 | 3.2 | 5.8 | 7.7 | 8.2 | 17.8 | 26.2 |
| E1.01A | 0.85 | 65% | 0.58 | 0.70 | 0.79 | 0.50 | 0.60 | 0.67 | 100 | 0.24 | 0.015 | 15.4 | 81 | 0.008 | 0.9 | 144 | 0.016 | 0.014 | 4.3 | 0.6 | 16.94 | 4.0 | 7.2 | 9.4 | 2.0 | 4.3 | 6.3 |
| E1.01B | 0.98 | 0% | 0.29 | 0.39 | 0.46 | 0.28 | 0.38 | 0.45 | 100 | 0.24 | 0.015 | 15.4 | 160 | 0.008 | 1.8 | 0 | 0.016 | 0.014 | 4.3 | 0.0 | 17.29 | 4.0 | 7.1 | 9.3 | 1.1 | 2.7 | 4.2 |
| E1.01 | 1.83 | 30% | 0.43 | 0.53 | 0.61 | 0.78 | 0.98 | 1.12 | | | | | | | | | | | | | 17.29 | 4.0 | 7.1 | 9.3 | 3.1 | 6.9 | 10.4 |
| E1.02 | 0.37 | 65% | 0.58 | 0.70 | 0.79 | 0.22 | 0.26 | 0.29 | 64 | 0.24 | 0.026 | 8.7 | 76 | 0.014 | 0.7 | 845 | 0.016 | 0.025 | 5.7 | 2.5 | 11.80 | 4.7 | 8.4 | 11.0 | 1.0 | 2.2 | 3.2 |
| E1.03 | 0.77 | 65% | 0.58 | 0.70 | 0.79 | 0.45 | 0.54 | 0.60 | 89 | 0.24 | 0.019 | 12.8 | 78 | 0.006 | 1.0 | 183 | 0.016 | 0.020 | 5.1 | 0.6 | 14.44 | 4.3 | 7.7 | 10.1 | 1.9 | 4.2 | 6.1 |
| E1.04 | 0.25 | 65% | 0.58 | 0.70 | 0.79 | 0.15 | 0.18 | 0.20 | 39 | 0.24 | 0.018 | 6.8 | 73 | 0.010 | 0.8 | 340 | 0.016 | 0.006 | 2.8 | 2.0 | 9.54 | 5.1 | 9.2 | 12.0 | 0.7 | 1.6 | 2.4 |
| E1.05 | 1.18 | 65% | 0.58 | 0.70 | 0.79 | 0.69 | 0.83 | 0.93 | 66 | 0.24 | 0.011 | 12.5 | 81 | 0.004 | 1.3 | 200 | 0.016 | 0.010 | 3.6 | 0.9 | 14.78 | 4.3 | 7.6 | 10.0 | 2.9 | 6.3 | 9.3 |
| E1.06 | 1.61 | 65% | 0.58 | 0.70 | 0.79 | 0.94 | 1.13 | 1.26 | 94 | 0.24 | 0.011 | 16.6 | 36 | 0.007 | 0.4 | 348 | 0.24 | 0.011 | 0.3 | 23.0 | 40.08 | 2.5 | 4.5 | 6.0 | 2.3 | 5.1 | 7.6 |
| E1.07 | 0.61 | 65% | 0.58 | 0.70 | 0.79 | 0.36 | 0.43 | 0.48 | 45 | 0.24 | 0.013 | 8.6 | 120 | 0.001 | 3.9 | 225 | 0.016 | 0.010 | 3.6 | 1.0 | 13.59 | 4.4 | 7.9 | 10.4 | 1.6 | 3.4 | 5.0 |
| E1.08 | 0.57 | 65% | 0.58 | 0.70 | 0.79 | 0.33 | 0.40 | 0.45 | 30 | 0.24 | 0.010 | 6.9 | 0 | 0.005 | 0.0 | 617 | 0.016 | 0.010 | 3.6 | 2.9 | 9.78 | 5.1 | 9.1 | 11.9 | 1.7 | 3.6 | 5.3 |
| E2.01A | 0.56 | 65% | 0.58 | 0.70 | 0.79 | 0.33 | 0.39 | 0.44 | 60 | 0.24 | 0.009 | 12.6 | 84 | 0.002 | 1.9 | 102 | 0.016 | 0.004 | 2.3 | 0.7 | 15.27 | 4.2 | 7.5 | 9.9 | 1.4 | 3.0 | 4.3 |
| E2.01B | 2.08 | 0% | 0.29 | 0.39 | 0.46 | 0.60 | 0.81 | 0.96 | 100 | 0.24 | 0.009 | 18.9 | 422 | 0.009 | 4.6 | 0 | 0.016 | 0.004 | 2.3 | 0.0 | 23.54 | 3.4 | 6.1 | 8.0 | 2.0 | 4.9 | 7.6 |
| E2.01 | 2.64 | 13% | 0.35 | 0.45 | 0.53 | 0.92 | 1.19 | 1.39 | | | | | | | | | | | | | 23.5 | 3.4 | 6.1 | 8.0 | 3.1 | 7.3 | 11.1 |
| E2.02A | 0.72 | 65% | 0.58 | 0.70 | 0.79 | 0.42 | 0.51 | 0.57 | 68 | 0.24 | 0.009 | 13.9 | 81 | 0.009 | 0.9 | 152 | 0.016 | 0.004 | 2.3 | 1.1 | 15.91 | 4.1 | 7.4 | 9.7 | 1.7 | 3.7 | 5.5 |
| E2.02B | 0.99 | 0% | 0.29 | 0.39 | 0.46 | 0.29 | 0.39 | 0.46 | 100 | 0.24 | 0.009 | 18.9 | 193 | 0.009 | 2.1 | 0 | 0.016 | 0.004 | 2.3 | 0.0 | 21.04 | 3.6 | 6.4 | 8.5 | 1.0 | 2.5 | 3.8 |
| E2.02 | 1.71 | 27% | 0.41 | 0.52 | 0.60 | 0.70 | 0.89 | 1.02 | | | | | | | | | | | | | 21.0 | 3.6 | 6.4 | 8.5 | 2.5 | 5.7 | 8.6 |
| E2.03 | 0.18 | 65% | 0.58 | 0.70 | 0.79 | 0.10 | 0.13 | 0.14 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 319 | 0.016 | 0.005 | 2.6 | 2.1 | 5.00 | 6.3 | 11.4 | 14.9 | 0.7 | 1.4 | 2.1 |
| E3.01 | 0.79 | 65% | 0.58 | 0.70 | 0.79 | 0.46 | 0.55 | 0.62 | 71 | 0.24 | 0.010 | 13.8 | 80 | 0.023 | 0.5 | 118 | 0.016 | 0.005 | 2.6 | 0.8 | 15.12 | 4.2 | 7.6 | 9.9 | 1.9 | 4.2 | 6.1 |
| E3.02 | 0.12 | 65% | 0.58 | 0.70 | 0.79 | 0.07 | 0.08 | 0.09 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 206 | 0.016 | 0.005 | 2.6 | 1.3 | 5.00 | 6.3 | 11.4 | 14.9 | 0.4 | 1.0 | 1.4 |
| E4.01A | 1.05 | 65% | 0.58 | 0.70 | 0.79 | 0.61 | 0.74 | 0.82 | 77 | 0.24 | 0.017 | 11.9 | 66 | 0.009 | 0.7 | 151 | 0.018 | 0.006 | 2.5 | 1.0 | 13.65 | 4.4 | 7.9 | 10.4 | 2.7 | 5.8 | 8.5 |
| E4.01B | 1.90 | 0% | 0.29 | 0.39 | 0.46 | 0.55 | 0.74 | 0.87 | 100 | 0.24 | 0.009 | 18.9 | 642 | 0.009 | 7.0 | 0 | 0.018 | 0.006 | 2.5 | 0.0 | 25.93 | 3.2 | 5.8 | 7.6 | 1.8 | 4.3 | 6.6 |
| E4.01 | 2.95 | 23% | 0.39 | 0.50 | 0.58 | 1.16 | 1.48 | 1.70 | | | | | | | | | | | | | 25.93 | 3.2 | 5.8 | 7.6 | 3.7 | 8.5 | 12.9 |
| E4.02 | 0.17 | 65% | 0.58 | 0.70 | 0.79 | 0.10 | 0.12 | 0.13 | 0 | 0.24 | 0.005 | 0.0 | 0 | 2.005 | 0.0 | 290 | 0.016 | 0.019 | 5.0 | 1.0 | 5.00 | 6.3 | 11.4 | 14.9 | 0.6 | 1.4 | 2.0 |
| E4.03 | 0.25 | 65% | 0.58 | 0.70 | 0.79 | 0.15 | 0.18 | 0.20 | 0 | 0.24 | 0.050 | 0.0 | 0 | 0.050 | 0.0 | 337 | 0.016 | 0.019 | 5.0 | 1.1 | 5.00 | 6.3 | 11.4 | 14.9 | 0.9 | 2.0 | 2.9 |
| E4.04 | 1.01 | 65% | 0.58 | 0.70 | 0.79 | 0.59 | 0.71 | 0.79 | 27 | 0.24 | 0.023 | 4.6 | 120 | 0.004 | 2.0 | 268 | 0.016 | 0.019 | 5.0 | 0.9 | 7.42 | 5.6 | 10.1 | 13.2 | 3.3 | 7.1 | 10.4 |
| E4.05 | 1.13 | 65% | 0.58 | 0.70 | 0.79 | 0.66 | 0.79 | 0.89 | 76 | 0.24 | 0.012 | 13.6 | 67 | 0.009 | 0.7 | 270 | 0.016 | 0.008 | 3.2 | 1.4 | 15.68 | 4.1 | 7.4 | 9.7 | 2.7 | 5.9 | 8.6 |
| E4.06 | 0.31 | 65% | 0.58 | 0.70 | 0.79 | 0.18 | 0.22 | 0.24 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.050 | 0.0 | 451 | 0.016 | 0.009 | 3.4 | 2.2 | 5.00 | 6.3 | 11.4 | 14.9 | 1.1 | 2.5 | 3.6 |
| E4.07 | 0.98 | 65% | 0.58 | 0.70 | 0.79 | 0.57 | 0.69 | 0.77 | 27 | 0.24 | 0.011 | 6.1 | 82 | 0.010 | 0.8 | 288 | 0.016 | 0.012 | 4.0 | 1.2 | 8.20 | 5.4 | 9.7 | 12.7 | 3.1 | 6.7 | 9.8 |
| E4.08 A | 0.83 | 65% | 0.58 | 0.70 | 0.79 | 0.48 | 0.58 | 0.65 | 65 | 0.24 | 0.009 | 13.4 | 73 | 0.014 | 0.6 | 120 | 0.016 | 0.005 | 2.6 | 0.8 | 14.84 | 4.2 | 7.6 | 10.0 | 2.1 | 4.4 | 6.5 |
| E4.08 B | 0.40 | 65% | 0.58 | 0.70 | 0.79 | 0.23 | 0.28 | 0.31 | 62 | 0.24 | 0.014 | 10.8 | 92 | 0.015 | 0.8 | 59 | 0.016 | 0.010 | 3.6 | 0.3 | 11.88 | 4.7 | 8.4 | 11.0 | 1.1 | 2.4 | 3.5 |
| E4.08 | 1.23 | 65% | 0.58 | 0.70 | 0.79 | 0.72 | 0.86 | 0.97 | | | | | | | | | | | | | 14.84 | 4.2 | 7.6 | 10.0 | 3.0 | 6.6 | 9.6 |
| E4.09 A | 0.19 | 65% | 0.58 | 0.70 | 0.79 | 0.11 | 0.13 | 0.15 | 0 | 0.24 | 0.050 | 0.0 | 0 | 0.050 | 0.0 | 308 | 0.016 | 0.005 | 2.6 | 2.0 | 5.00 | 6.3 | 11.4 | 14.9 | 0.7 | 1.5 | 2.2 |
| E4.09 B | 0.08 | 65% | 0.58 | 0.70 | 0.79 | 0.05 | 0.06 | 0.06 | 0 | 0.24 | 0.050 | 0.0 | 0 | 0.050 | 0.0 | 141 | 0.016 | 0.005 | 2.6 | 0.9 | 5.00 | 6.3 | 11.4 | 14.9 | 0.3 | 0.6 | 0.9 |
| E4.09 | 0.27 | 65% | 0.58 | 0.70 | 0.79 | 0.16 | 0.19 | 0.21 | | | | | | | | | | | | | 5.00 | 6.3 | 11.4 | 14.9 | 1.0 | 2.2 | 3.2 |
| E5.01A | 0.76 | 65% | 0.58 | 0.70 | 0.79 | 0.44 | 0.53 | 0.60 | 100 | 0.24 | 0.029 | 11.9 | 34 | 0.029 | 0.2 | 86 | 0.016 | 0.021 | 5.2 | 0.3 | 12.34 | 4.6 | 8.3 | 10.8 | 2.0 | 4.4 | 6.5 |
| E5.01B | 2.16 | 0% | 0.29 | 0.39 | 0.46 | 0.63 | 0.84 | 0.99 | 100 | 0.24 | 0.029 | 11.9 | 498 | 0.029 | 3.0 | 0 | 0.016 | 0.021 | 5.2 | 0.0 | 14.88 | 4.2 | 7.6 | 10.0 | 2.7 | 6.4 | 9.9 |
| E.5.01 | 2.92 | 24% | 0.40 | 0.51 | 0.58 | 1.16 | 1.48 | 1.69 | | | | | | | | | | | | | 14.88 | 4.2 | 7.6 | 10.0 | 4.9 | 11.2 | 16.9 |
| E5.02 | 0.38 | 65% | 0.58 | 0.70 | 0.79 | 0.22 | 0.27 | 0.30 | 100 | 0.24 | 0.035 | 11.0 | 132 | 0.035 | 0.7 | 127 | 0.016 | 0.021 | 5.2 | 0.4 | 12.14 | 4.6 | 8.3 | 10.9 | 1.0 | 2.2 | 3.3 |
| E6.01 | 0.91 | 65% | 0.58 | 0.70 | 0.79 | 0.53 | 0.64 | 0.71 | 100 | 0.24 | 0.020 | 13.8 | 99.3 | 0.020 | 0.7 | 138 | 0.016 | 0.006 | 2.8 | 0.8 | 15.31 | 4.2 | 7.5 | 9.8 | 2.2 | 4.8 | 7.0 |
| E6.02 | 2.04 | 65% | 0.58 | 0.70 | 0.79 | 1.19 | 1.43 | 1.60 | 100 | 0.24 | 0.022 | 13.2 | 173 | 0.022 | 1.2 | 277 | 0.016 | 0.007 | 3.0 | 1.5 | 15.98 | 4.1 | 7.4 | 9.7 | 4.9 | 10.6 | 15.5 |
| E6.03 | 0.76 | 65% | 0.58 | 0.70 | 0.79 | 0.44 | 0.53 | 0.60 | 100 | 0.24 | 0.021 | 13.5 | 68 | 0.021 | 0.5 | 221 | 0.016 | 0.005 | 2.6 | 1.4 | 15.43 | 4.2 | 7.5 | 9.8 | 1.8 | 4.0 | 5.9 |
| E6.04 | 0.28 | 65% | 0.58 | 0.70 | 0.79 | 0.16 | 0.20 | 0.22 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.050 | 0.0 | 483 | 0.016 | 0.007 | 3.0 | 2.7 | 5.00 | 6.3 | 11.4 | 14.9 | 1.0 | 2.2 | 3.3 |
| F1.01 | 1.33 | 65% | 0.58 | 0.70 | 0.79 | 0.77 | 0.93 | 1.04 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.050 | 0.0 | 970 | 0.016 | 0.010 | 3.6 | 4.5 | 5.00 | 6.3 | 11.4 | 14.9 | 4.9 | 10.6 | 15.5 |
| F1.02 | 1.34 | 65% | 0.58 | 0.70 | 0.79 | 0.78 | 0.94 | 1.05 | 0 | 0.24 | 0.005 | 0.0 | 0 | 0.050 | 0.0 | 1042 | 0.016 | 0.010 | 3.6 | 4.8 | 5.00 | 6.3 | 11.4 | 14.9 | 4.9 | 10.7 | 15.7 |
| G1.01 | 1.20 | 65% | 0.58 | 0.70 | 0.79 | 0.70 | 0.84 | 0.94 | 0.00 | 0.24 | 0.004 | 0.0 | 0 | 0.004 | 0.0 | 723 | 0.016 | 0.004 | 2.3 | 5.2 | 5.22 | 6.2 | 11.2 | 14.7 | 4.3 | 9.5 | 13.9 |
| G1.02 | 1.02 | 65% | 0.58 | 0.70 | 0.79 | 0.59 | 0.72 | 0.80 | 0.00 | 0.24 | 0.005 | 0.0 | 0 | 0.005 | 0.0 | 935 | 0.016 | 0.005 | 2.6 | 6.1 | 6.11 | 5.9 | 10.7 | 14.0 | 3.5 | 7.7 | 11.2 |
| H1.01 | 0.59 | 75% | 0.58 | 0.70 | 0.79 | 0.34 | 0.41 | 0.46 | 10.00 | 0.24 | 0.02 | 2.2 | 0 | 0.02 | 0.0 | 300 | 0.016 | 0.010 | 3.6 | 1.4 | 5.00 | 6.3 | 11.4 | 14.9 | 2.2 | 4.7 | 6.9 |
| | | | | | | | | | | | | | | | | | | | | | | 8.6 | | | | | |
| PR-1 | 6.90 | 65% | 0.58 | 0.70 | 0.79 | 4.02 | 4.84 | 5.42 | 100 | 0.24 | 0.020 | 13.8 | 708 | 0.013 | 6.4 | 0 | 0.016 | 0.005 | 2.6 | 0.0 | 20.18 | 3.7 | 6.6 | 8.6 | 14.7 | 31.9 | 46.8 |
| PR-2 | 4.43 | 55% | 0.54 | 0.65 | 0.74 | 2.38 | 2.90 | 3.26 | 100 | 0.24 | 0.010 | 18.2 | 400 | 0.010 | 4.1 | 0 | 0.016 | 0.010 | 3.6 | 0.0 | 22.29 | 3.5 | 6.3 | 8.2 | 8.3 | 18.1 | 26.7 |
| PR-3 | 3.41 | 60% | 0.56 | 0.68 | 0.76 | 1.91 | 2.31 | 2.59 | 100 | 0.24 | 0.010 | 18.2 | 347 | 0.010 | 3.6 | 228 | 0.016 | 0.010 | 3.6 | 1.1 | 22.80 | 3.4 | 6.2 | 8.1 | 6.6 | 14.3 | 21.0 |
| PR-4 | 8.44 | 60% | 0.56 | 0.68 | 0.76 | 4.73 | 5.72 | 6.41 | 100 | 0.24 | 0.010 | 18.2 | 580 | 0.010 | 6.0 | 0 | 0.016 | 0.010 | 3.6 | 0.0 | 24.15 | 3.3 | 6.0 | 7.9 | 15.7 | 34.3 | 50.5 |
| PR-5A | 3.98 | 65% | 0.58 | 0.70 | 0.79 | 2.32 | 2.79 | 3.12 | 79 | 0.24 | 0.012 | 14.0 | 194 | 0.038 | 1.0 | 0 | 0.016 | 0.018 | 4.8 | 0.0 | 15.01 | 4.2 | 7.6 | 9.9 | 9.8 | 21.2 | 31.0 |
| PR-5B | 49.66 | 0% | 0.29 | 0.39 | 0.46 | 14.40 | 19.37 | 22.84 | 100 | 0.24 | 0.038 | 10.6 | 2465 | 0.013 | 22.3 | 0 | 0.016 | 0.013 | 4.1 | 0.0 | 32.98 | 2.8 | 5.1 | 6.7 | 40.3 | 98.0 | 152.4 |
| PR-5 | 53.64 | 5% | 0.31 | 0.41 | 0.48 | 16.72 | 22.16 | 25.97 | | | | | | | | | | | | | 32.98 | 2.8 | 5.1 | 6.7 | 46.8 | 112.2 | 173.2 |
| PR-6 | 35.69 | 75% | 0.63 | 0.75 | 0.84 | 22.40 | 26.77 | 29.80 | 100 | 0.24 | 0.010 | 18.2 | 1955 | 0.005 | 28.6 | 0 | 0.016 | 0.005 | 2.6 | 0.0 | 46.72 | 2.3 | 4.1 | 5.5 | 50.8 | 110.6 | 163.1 |
| PR-7 | 109.50 | 75% | 0.63 | 0.75 | 0.84 | 68.71 | 82.13 | 91.43 | 100 | 0.24 | 0.004 | 25.7 | 2774 | 0.013 | 25.1 | 0 | 0.016 | 0.013 | 4.1 | 0.0 | 50.83 | 2.2 | 3.9 | 5.2 | 147.8 | 322.6 | 476.5 |
| PR-8 | 16.47 | 70% | 0.61 | 0.73 | 0.81 | 9.96 | 11.96 | 13.34 | 100 | 0.24 | 0.008 | 19.7 | 300 | 0.014 | 2.6 | 0 | 0.016 | 0.140 | 13.5 | 0.0 | 22.28 | 3.5 | 6.3 | 8.2 | 34.7 | 74.8 | 109.6 |
| PR-9A | 4.08 | 65% | 0.58 | 0.70 | 0.79 | 2.38 | 2.86 | 3.20 | 79 | 0.24 | 0.018 | 11.9 | 218 | 0.019 | 1.6 | 0 | 0.016 | 0.140 | 13.5 | 0.0 | 13.52 | 4.4 | 8.0 | 10.4 | 10.5 | 22.8 | 33.3 |
| PR-9B | 256.30 | 0% | 0.29 | 0.39 | 0.46 | 74.33 | 99.96 | 117.90 | 100 | 0.24 | 0.050 | 9.5 | 2864.5 | 0.050 | 13.2 | 0 | 0.016 | 0.010 | 3.6 | 0.0 | 22.77 | 3.4 | 6.2 | 8.1 | 255.6 | 618.7 | 957.5 |
| PR-9 | 260.38 | 1% | 0.29 | 0.39 | 0.47 | 76.70 | 102.82 | 121.10 | | | | | | | | | | | | | 22.77 | 3.4 | 6.2 | 8.1 | 263.8 | 636.4 | 983.5 |
| PR-10 | 8.18 | 0% | 0.29 | 0.39 | 0.46 | 2.37 | 3.19 | 3.76 | 100 | 0.24 | 0.008 | 19.9 | 753.9 | 0.008 | 8.7 | 0 | 0.016 | 0.012 | 4.0 | 0.0 | 28.56 | 3.0 | 5.5 | 7.2 | 7.2 | 17.5 | 27.1 |
| PR-11 | 0.61 | 60% | 0.56 | 0.68 | 0.76 | 0.34 | 0.41 | 0.46 | 100 | 0.016 | 0.008 | 2.3 | 0 | 0.008 | 0.0 | 378 | 0.016 | 0.012 | 4.0 | 1.6 | 5.00 | 6.3 | 11.4 | 14.9 | 2.1 | 4.7 | 6.9 |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

DUSTIN J. GOSS
91805
09/09/2024

**PAPE-DAWSON ENGINEERS**

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
CITY OF PFLUGERVILLE, TEXAS

## DRAINAGE CALCULATIONS (1 OF 3)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 23 OF 29

Date: Sep 09, 2024, 11:25am User ID: psylvester
File: H:\Projects\506\27\01\215 Preliminary Revision 3\Civil\OD50627-01.dwg

NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
2. REFER TO THE LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.

**STREET FLOW AND INLET CALCULATIONS**
**25 YEAR STORM**

| | | | | | STREET CAPACITY | | | INLET ON GRADE CAPACITY | | | | | | | | | | | | | SUMP INLET CAPACITY | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inlet No. | Inlet Type | Drainage Area | Q 25 (cfs) | Q pass (cfs) | Q total (cfs) | Street Width F-F (ft) | Crown Type | Gutter Slope (%) | a (ft) | Yo (ft) | Ponded Width (ft) | Reduction Factor (%) | Qa/La | La (ft) | Length (ft) | L/La | a/Yo | Q/Qa | Qa (cfs) | Q pass (cfs) | Pass/Spill to Inlet # | Clogging Factor (%) | Q total (cfs) | Length (ft) | h (ft) |
| LAKESIDE MEADOWS | | | | | | | | | | | | | | | | | | | | | | | | | |
| ULTIMATE CONDITION DRAINAGE AREAS | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1.01 | S-1 | 0.40 | 15.5 | | 15.5 | 30 | P | - | - | - | - | 0% | - | - | 15 | - | - | - | - | - | - | 10% | 15.5 | 15 | 0.56 |
| A1.02 | S-2 | 1.67 | 13.2 | | 13.2 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 13.2 | 16 | 0.66 |
| A1.03 | G-1 | 0.95 | 0.9 | | 0.9 | 30 | P | 2.00% | 0.42 | 0.21 | 3.49 | 0.00 | 0.67 | 1.38 | 10 | 7.26 | 1.97 | 0.14 | 6.72 | 0.00 | - | - | - | - | - |
| A1.04 | S-2 | 0.19 | 5.8 | | 5.8 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.8 | 16 | 0.38 |
| A1.05 | G-1 | 1.34 | 6.0 | | 6.0 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.0 | 16 | 0.39 |
| A1.06 | G-1 | 0.50 | 1.6 | | 1.6 | 30 | P | 2.00% | 0.42 | 0.25 | 4.29 | 0% | 0.71 | 2.21 | 10 | 4.52 | 1.65 | 0.22 | 7.13 | 0.00 | - | - | - | - | - |
| A1.07 | S-2 | 0.07 | 5.1 | | 5.1 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.1 | 16 | 0.35 |
| A1.08 | G-1 | 0.20 | 2.1 | | 2.1 | 30 | P | 2.00% | 0.42 | 0.28 | 4.79 | 0% | 0.74 | 2.81 | 10 | 3.56 | 1.51 | 0.28 | 7.37 | 0.00 | - | - | - | - | - |
| A1.09 | S-2 | 0.94 | 6.0 | | 6.0 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.0 | 16 | 0.39 |
| A1.10 | G-1 | 1.21 | 3.6 | | 3.6 | 30 | P | 2.00% | 0.42 | 0.33 | 6.08 | 0% | 0.80 | 4.57 | 10 | 2.19 | 1.25 | 0.46 | 7.96 | 0.00 | - | - | - | - | - |
| A1.11 | G-1 | 0.11 | 1.6 | | 1.6 | 30 | P | 2.00% | 0.42 | 0.25 | 4.29 | 0% | 0.71 | 2.21 | 10 | 4.52 | 1.65 | 0.22 | 7.13 | 0.00 | - | - | - | - | - |
| A1.12 | G-1 | 0.07 | 4.6 | | 4.6 | 30 | P | 2.00% | 0.42 | 0.36 | 6.78 | 0% | 0.82 | 5.60 | 10 | 1.79 | 1.16 | 0.56 | 8.25 | 0.00 | - | - | - | - | - |
| A1.13 | G-1 | 0.11 | 6.5 | | 6.5 | 30 | P | 2.00% | 0.42 | 0.41 | 8.01 | 0% | 0.87 | 7.45 | 10 | 1.34 | 1.04 | 0.74 | 8.71 | 0.00 | - | - | - | - | - |
| A1.14 | S-2 | 0.93 | 4.3 | | 4.3 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.3 | 16 | 0.31 |
| A1.15 | G-1 | 0.44 | 4.0 | | 4.0 | 20 | P | 1.58% | 0.42 | 0.36 | 5.97 | 0% | 0.82 | 4.85 | 10 | 2.06 | 1.17 | 0.49 | 8.21 | 0.00 | - | - | - | - | - |
| A1.16 | G-1 | 0.54 | 4.3 | | 4.3 | 30 | P | 1.58% | 0.42 | 0.37 | 6.93 | 0% | 0.83 | 5.18 | 10 | 1.93 | 1.14 | 0.52 | 8.31 | 0.00 | - | - | - | - | - |
| A1.17 | G-1 | 1.32 | 6.2 | | 6.2 | 30 | P | 1.45% | 0.42 | 0.42 | 8.51 | 0% | 0.89 | 6.98 | 10 | 1.43 | 1.00 | 0.70 | 8.88 | 0.00 | - | - | - | - | - |
| A1.18 | G-1 | 0.53 | 4.8 | 0.20 | 5.0 | 30 | P | 1.45% | 0.42 | 0.39 | 7.61 | 0% | 0.86 | 5.84 | 10 | 1.71 | 1.07 | 0.58 | 8.57 | 0.00 | - | - | - | - | - |
| A1.19 | G-1 | 1.13 | 5.3 | | 5.3 | 50 | P | 0.50% | 0.42 | 0.45 | 10.24 | 0% | 0.92 | 5.75 | 10 | 1.74 | 0.93 | 0.57 | 9.24 | 0.00 | - | - | - | - | - |
| A2.01 | S-2 | 0.49 | 2.9 | | 2.9 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.9 | 16 | 0.24 |
| A2.02 | S-2 | 0.17 | 1.4 | | 1.4 | 30 | P | 2.00% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 1.4 | 16 | 0.14 |
| A2.03 | G-1 | 0.12 | 1.1 | | 1.1 | 30 | P | 2.00% | 0.42 | 0.22 | 3.72 | 0% | 0.68 | 1.59 | 10 | 6.29 | 1.87 | 0.16 | 6.84 | 0.00 | - | - | - | - | - |
| A3.01 | G-1 | 1.42 | 6.9 | | 6.9 | 30 | P | 1.00% | 0.42 | 0.46 | 10.19 | 0% | 0.94 | 7.40 | 10 | 1.35 | 0.90 | 0.74 | 9.37 | 0.00 | - | - | - | - | - |
| A3.02 | G-1 | 0.25 | 2.3 | | 2.3 | 30 | P | 1.00% | 0.42 | 0.32 | 5.75 | 0% | 0.78 | 2.90 | 10 | 3.45 | 1.31 | 0.29 | 7.82 | 0.00 | - | - | - | - | - |
| | | | | | | | | 0.00% | | | | | | | | | | | | | | | | | |
| A4.01 | G-1 | 2.09 | 9.8 | | 9.8 | 30 | P | 2.00% | 0.42 | 0.46 | 10.19 | 0% | 0.94 | 10.47 | 10 | 0.95 | 0.90 | 1.05 | 9.37 | 0.44 | - | - | - | - | - |
| A4.02 | G-1 | 0.14 | 1.3 | | 1.3 | 30 | P | 2.00% | 0.42 | 0.24 | 3.94 | 0% | 0.70 | 1.82 | 10 | 5.48 | 1.78 | 0.18 | 6.95 | 0.00 | - | - | - | - | - |
| A4.03 | G-1 | 1.08 | 5.8 | | 5.8 | 30 | P | 2.00% | 0.42 | 0.39 | 7.57 | 0% | 0.86 | 6.79 | 10 | 1.47 | 1.07 | 0.68 | 8.56 | 0.00 | - | - | - | - | - |
| A4.04 | G-1 | 0.14 | 1.3 | | 1.3 | 30 | P | 2.00% | 0.42 | 0.24 | 3.94 | 0% | 0.70 | 1.82 | 10 | 5.48 | 1.78 | 0.18 | 6.95 | 0.00 | - | - | - | - | - |
| A4.05 | G-1 | 0.09 | 0.7 | | 0.7 | 30 | P | 2.00% | 0.42 | 0.20 | 3.17 | 0% | 0.66 | 1.09 | 10 | 9.14 | 2.14 | 0.11 | 6.55 | 0.00 | - | - | - | - | - |
| A4.06 | G-1 | 0.02 | 0.2 | | 0.2 | 30 | P | 2.00% | 0.42 | 0.12 | 1.82 | 0% | 0.58 | 0.27 | 10 | 37.73 | 3.56 | 0.03 | 5.81 | 0.00 | - | - | - | - | - |
| A4.07 | S-2 | 0.59 | 3.2 | | 3.2 | 20 | P | 2.00% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 3.2 | 16 | 0.26 |
| A4.08 | G-1 | 0.13 | 1.2 | | 1.2 | 30 | P | 2.00% | 0.42 | 0.23 | 3.83 | 0% | 0.69 | 1.71 | 10 | 5.85 | 1.82 | 0.17 | 6.90 | 0.00 | - | - | - | - | - |
| A4.09 | G-1 | 0.84 | 4.0 | | 4.0 | 30 | P | 2.00% | 0.42 | 0.35 | 6.34 | 0% | 0.81 | 4.95 | 10 | 2.02 | 1.22 | 0.49 | 8.07 | 0.00 | - | - | - | - | - |
| A4.10 | G-1 | 0.20 | 1.8 | | 1.8 | 30 | P | 2.00% | 0.42 | 0.27 | 4.54 | 0% | 0.72 | 2.50 | 10 | 4.00 | 1.58 | 0.25 | 7.25 | 0.00 | - | - | - | - | - |
| A4.11 | G-1 | 0.68 | 3.6 | | 3.6 | 30 | P | 2.00% | 0.42 | 0.33 | 6.05 | 0% | 0.79 | 4.53 | 10 | 2.21 | 1.26 | 0.45 | 7.95 | 0.00 | - | - | - | - | - |
| A5.01 | S-2 | 1.22 | 8.8 | | 8.8 | 30 | P | 0.50% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 8.8 | 16 | 0.50 |
| A5.02 | S-2 | 0.75 | 5.9 | | 5.9 | 30 | P | 0.50% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.9 | 16 | 0.38 |
| A6.01 | G-1 | 0.76 | 6.1 | | 6.1 | 30 | P | 0.50% | 0.42 | 0.50 | 12.07 | 0% | 0.97 | 6.22 | 10 | 1.61 | 0.84 | 0.62 | 9.74 | 0.00 | - | - | - | - | - |
| A6.02 | S-2 | 0.35 | 2.8 | | 2.8 | 20 | P | 0.50% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.8 | 16 | 0.23 |
| A6.03 | G-1 | 1.02 | 8.1 | -0.20 | 7.9 | 30 | P | 0.85% | 0.42 | 0.50 | 12.12 | 0% | 0.98 | 8.13 | 10 | 1.23 | 0.84 | 0.81 | 9.75 | 0.00 | Spill A1.18 | - | - | - | - |
| A7.01 | G-1 | 0.70 | 4.9 | | 4.9 | 30 | P | 0.85% | 0.42 | 0.43 | 8.71 | 0% | 0.89 | 5.52 | 10 | 1.81 | 0.98 | 0.55 | 8.95 | 0.00 | - | - | - | - | - |
| A7.02 | S-2 | 0.22 | 2.0 | | 2.0 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.0 | 16 | 0.19 |
| | | | | | | | | | | | | 0% | | | | | | | | | | | | | |
| A8.01 | S-2 | 2.28 | 11.0 | | 11.0 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 11.0 | 16 | 0.58 |
| A8.02 | S-2 | 2.94 | 13.7 | | 13.7 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 13.7 | 16 | 0.68 |
| A9.01 | G-1 | 0.90 | 4.7 | | 4.7 | 30 | P | 0.54% | 0.42 | 0.45 | 9.66 | 0% | 0.92 | 5.09 | 10 | 1.96 | 0.93 | 0.51 | 9.23 | 0.00 | - | - | - | - | - |
| A9.02 | G-1 | 0.31 | 2.5 | | 2.5 | 30 | P | 0.54% | 0.42 | 0.37 | 6.87 | 0% | 0.83 | 2.98 | 10 | 3.35 | 1.15 | 0.30 | 8.29 | 0.00 | - | - | - | - | - |
| A9.03 | G-1 | 0.68 | 3.4 | | 3.4 | 30 | P | 0.54% | 0.42 | 0.41 | 8.04 | 0% | 0.87 | 3.89 | 10 | 2.57 | 1.03 | 0.39 | 8.72 | 0.00 | - | - | - | - | - |
| A11.01 | G-1 | 0.85 | 4.0 | | 4.0 | 30 | P | 0.85% | 0.42 | 0.40 | 7.78 | 0% | 0.86 | 4.63 | 10 | 2.16 | 1.06 | 0.46 | 8.63 | 0.00 | - | - | - | - | - |
| A11.02 | G-1 | 0.26 | 2.4 | | 2.4 | 30 | P | 0.85% | 0.42 | 0.33 | 6.07 | 0% | 0.80 | 2.96 | 10 | 3.38 | 1.26 | 0.30 | 7.95 | 0.00 | - | - | - | - | - |
| A11.03 | G-1 | 0.67 | 4.2 | | 4.2 | 30 | P | 0.85% | 0.42 | 0.40 | 7.98 | 0% | 0.87 | 4.83 | 10 | 2.07 | 1.04 | 0.48 | 8.70 | 0.00 | - | - | - | - | - |
| A11.04 | G-1 | 0.28 | 2.5 | | 2.5 | 30 | P | 1.27% | 0.42 | 0.32 | 5.74 | 0% | 0.78 | 3.25 | 10 | 3.08 | 1.31 | 0.32 | 7.81 | 0.00 | - | - | - | - | - |
| A11.05 | G-1 | 0.60 | 4.0 | | 4.0 | 30 | P | 1.27% | 0.42 | 0.37 | 7.02 | 0% | 0.83 | 4.75 | 10 | 2.10 | 1.13 | 0.48 | 8.35 | 0.00 | - | - | - | - | - |
| A12.01 | S-2 | 1.31 | 6.6 | | 6.6 | - | P | 0.85% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.6 | 16 | 0.42 |
| A12.02 | S-2 | 0.89 | 4.5 | | 4.5 | - | P | 0.85% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.5 | 16 | 0.32 |
| A13.03 | G-1 | 0.88 | 4.2 | | 4.2 | 50 | P | 0.50% | 0.42 | 0.42 | 9.21 | 0% | 0.89 | 4.80 | 23 | 4.80 | 1.00 | 0.21 | 20.37 | 0.00 | - | - | - | - | - |
| A13.04 | G-1 | 0.46 | 3.7 | | 3.7 | 50 | P | 0.50% | 0.42 | 0.40 | 8.61 | 0% | 0.86 | 4.25 | 24 | 5.64 | 1.06 | 0.18 | 20.69 | 0.00 | - | - | - | - | - |
| B1.01 | S-2 | 0.67 | 3.5 | | 3.5 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 3.5 | 16 | 0.27 |
| B1.02 | S-2 | 0.98 | 3.8 | | 3.8 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 3.8 | 16 | 0.29 |
| B1.03 | G-1 | 0.27 | 2.4 | | 2.4 | 30 | P | 0.74% | 0.42 | 0.35 | 6.36 | 0% | 0.81 | 3.03 | 10 | 3.30 | 1.21 | 0.30 | 8.08 | 0.00 | - | - | - | - | - |
| B1.04 | G-1 | 0.20 | 1.6 | | 1.6 | 30 | P | 0.74% | 0.42 | 0.30 | 5.28 | 0% | 0.76 | 2.10 | 10 | 4.77 | 1.40 | 0.21 | 7.60 | 0.00 | - | - | - | - | - |
| B1.05 | G-1 | 0.15 | 1.2 | | 1.2 | 30 | P | 1.40% | 0.42 | 0.25 | 4.13 | 0% | 0.70 | 1.70 | 10 | 5.89 | 1.71 | 0.17 | 7.05 | 0.00 | - | - | - | - | - |
| B1.06 | G-1 | 0.92 | 5.2 | | 5.2 | 30 | P | 1.40% | 0.42 | 0.40 | 7.84 | 0% | 0.87 | 6.02 | 10 | 1.66 | 1.05 | 0.60 | 8.65 | 0.00 | - | - | - | - | - |
| B1.07 | G-1 | 1.02 | 5.6 | | 5.6 | 30 | P | 1.40% | 0.42 | 0.41 | 8.16 | 0% | 0.88 | 6.42 | 10 | 1.56 | 1.02 | 0.64 | 8.76 | 0.00 | - | - | - | - | - |
| B1.08 | G-1 | 0.33 | 2.6 | | 2.6 | 30 | P | 0.75% | 0.42 | 0.35 | 6.56 | 0% | 0.82 | 3.22 | 10 | 3.10 | 1.19 | 0.32 | 8.16 | 0.00 | - | 0% | - | - | - |
| B1.09 | G-1 | 0.88 | 5.5 | | 5.5 | 30 | P | 0.75% | 0.42 | 0.45 | 9.64 | 0% | 0.92 | 5.98 | 10 | 1.67 | 0.93 | 0.60 | 9.22 | 0.00 | - | - | - | - | - |
| B1.10 | G-1 | 0.95 | 5.6 | | 5.6 | 30 | P | 0.75% | 0.42 | 0.45 | 9.69 | 0% | 0.92 | 6.02 | 10 | 1.66 | 0.93 | 0.60 | 9.24 | 0.00 | - | - | - | - | - |
| B2.01 | S-2 | 1.25 | 5.7 | | 5.7 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.7 | 16 | 0.38 |
| | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| B3.01 | S-2 | 0.83 | 4.2 | | 4.2 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.2 | 16 | 0.31 |
| B3.02 | S-2 | 0.46 | 2.9 | | 2.9 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.9 | 16 | 0.24 |
| B4.01 | S-2 | 2.37 | 14.0 | | 14.0 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 14.0 | 16 | 0.69 |
| B4.02 | S-2 | 2.34 | 12.9 | | 12.9 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 12.9 | 16 | 0.65 |
| B4.03 | S-2 | 0.45 | 3.2 | | 3.2 | 30 | P | 1.00% | 0.42 | 0.36 | 6.72 | 0% | 0.82 | 3.90 | 10 | 2.57 | 1.17 | 0.39 | 8.23 | 0.00 | - | - | - | - | - |
| B4.04 | S-2 | 0.24 | 2.2 | | 2.2 | 30 | P | 1.00% | 0.42 | 0.32 | 5.65 | 0% | 0.78 | 2.80 | 10 | 3.57 | 1.33 | 0.28 | 7.77 | 0.00 | - | - | - | - | - |
| B5.01 | G-1 | 0.56 | 3.1 | | 3.1 | 30 | P | 0.50% | 0.42 | 0.40 | 7.80 | 0% | 0.86 | 3.57 | 10 | 2.80 | 1.05 | 0.36 | 8.64 | 0.00 | - | - | - | - | - |
| B5.02 | G-2 | 0.50 | 2.5 | | 2.5 | 30 | P | 0.50% | 1.42 | 0.37 | 7.04 | 0% | 3.57 | 0.70 | 10 | 14.28 | 3.82 | 0.07 | 35.67 | 0.00 | - | - | - | - | - |
| B6.01 | S-2 | 2.04 | 10.9 | | 10.9 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 10.9 | 16 | 0.58 |
| B6.02 | G-1 | 0.64 | 5.1 | | 5.1 | 50 | P | 0.50% | 0.42 | 0.45 | 10.04 | 0% | 0.92 | 5.56 | 10 | 1.80 | 0.94 | 0.56 | 9.17 | 0.00 | - | - | - | - | - |
| B6.03 | G-1 | 0.27 | 2.4 | | 2.4 | 50 | P | 0.50% | 0.42 | 0.34 | 7.20 | 0% | 0.80 | 3.04 | 10 | 3.29 | 1.22 | 0.30 | 8.05 | 0.00 | - | - | - | - | - |
| B6.04 | G-1 | 1.05 | 8.4 | | 8.4 | 50 | P | 0.50% | 0.42 | 0.53 | 12.94 | 0% | 1.02 | 8.24 | 15 | 1.82 | 0.79 | 0.55 | 15.24 | 0.00 | - | - | - | - | - |
| B6.05 | G-1 | 0.80 | 3.3 | | 3.3 | 50 | P | 0.50% | 0.42 | 0.38 | 8.25 | 0% | 0.85 | 3.94 | 10 | 2.54 | 1.09 | 0.39 | 8.48 | 0.00 | - | - | - | - | - |
| B6.06 | G-2 | 0.37 | 2.9 | | 2.9 | 50 | P | 0.50% | 0.42 | 0.37 | 7.81 | 0% | 0.83 | 3.55 | 10 | 2.81 | 1.14 | 0.36 | 8.30 | 0.00 | - | - | - | - | - |

**STREET FLOW AND INLET CALCULATIONS**
**25 YEAR STORM**

| | | | | | STREET CAPACITY | | | INLET ON GRADE CAPACITY | | | | | | | | | | | | | SUMP INLET CAPACITY | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inlet No. | Inlet Type | Drainage Area | Q 25 (cfs) | Q pass (cfs) | Q total (cfs) | Street Width F-F (ft) | Crown Type | Gutter Slope (%) | a (ft) | Yo (ft) | Ponded Width (ft) | Reduction Factor (%) | Qa/La | La (ft) | Length (ft) | L/La | a/Yo | Q/Qa | Qa (cfs) | Q pass (cfs) | Pass/Spill to Inlet # | Clogging Factor (%) | Q total (cfs) | Length (ft) | h (ft) |
| LAKESIDE MEADOWS | | | | | | | | | | | | | | | | | | | | | | | | | |
| ULTIMATE CONDITION DRAINAGE AREAS | | | | | | | | | | | | | | | | | | | | | | | | | |
| C1.01 | G-1 | 0.57 | 5.2 | | 5.2 | 50 | P | 1.00% | 0.42 | 0.40 | 8.59 | 0% | 0.86 | 5.99 | 10 | 1.67 | 1.06 | 0.60 | 8.62 | 0.00 | - | - | - | - | - |
| C1.02 | G-1 | 0.95 | 5.8 | | 5.8 | 50 | P | 1.00% | 0.42 | 0.41 | 9.07 | 0% | 0.88 | 6.60 | 10 | 1.51 | 1.02 | 0.66 | 8.80 | 0.00 | - | - | - | - | - |
| C1.03 | G-1 | 0.91 | 4.6 | | 4.6 | 50 | P | 1.00% | 0.42 | 0.38 | 8.16 | 0% | 0.84 | 5.45 | 10 | 1.84 | 1.10 | 0.54 | 8.44 | 0.00 | - | - | - | - | - |
| C1.04 | G-1 | 1.72 | 8.5 | | 8.5 | 50 | P | 1.00% | 0.42 | 0.47 | 10.90 | 0% | 0.95 | 8.99 | 15 | 1.67 | 0.88 | 0.60 | 14.22 | 0.00 | - | - | - | - | - |
| C1.05 | G-1 | 0.92 | 5.3 | | 5.3 | 50 | P | 1.00% | 0.42 | 0.40 | 8.70 | 0% | 0.87 | 6.13 | 10 | 1.63 | 1.05 | 0.61 | 8.66 | 0.00 | - | - | - | - | - |
| C1.06 | G-1 | 0.53 | 3.0 | | 3.0 | 50 | P | 1.00% | 0.42 | 0.33 | 6.75 | 0% | 0.79 | 3.80 | 10 | 2.63 | 1.29 | 0.38 | 7.86 | 0.00 | - | - | - | - | - |
| C1.07 | G-1 | 0.60 | 5.4 | | 5.4 | 50 | P | 1.00% | 0.42 | 0.40 | 8.80 | 0% | 0.87 | 6.25 | 10 | 1.60 | 1.04 | 0.63 | 8.70 | 0.00 | - | - | - | - | - |
| C1.08 | G-1 | 0.21 | 1.9 | | 1.9 | 50 | P | 1.00% | 0.42 | 0.28 | 5.59 | 0% | 0.74 | 2.59 | 10 | 3.87 | 1.52 | 0.26 | 7.36 | 0.00 | - | - | - | - | - |
| C2.01A | G-1 | 1.42 | 8.0 | | 8.0 | 30 | P | 1.75% | 0.42 | 0.44 | 9.37 | 0% | 0.91 | 8.79 | 15 | 1.71 | 0.94 | 0.59 | 13.72 | 0.00 | - | - | - | - | - |
| C2.01B | G-1 | 1.48 | 4.2 | | 4.2 | 30 | P | 1.75% | 0.42 | 0.36 | 6.70 | 0% | 0.82 | 5.12 | 15 | 2.93 | 1.17 | 0.34 | 12.32 | 0.00 | - | - | - | - | - |
| C2.01 | G-1 | 2.90 | 11.5 | -0.10 | 11.4 | 30 | P | 1.75% | 0.42 | 0.50 | 12.13 | 0% | 0.98 | 11.68 | 15 | 1.28 | 0.84 | 0.78 | 14.63 | 0.00 | Spill D1.03 | - | - | - | - |
| C3.01 | G-1 | 0.84 | 5.6 | | 5.6 | 30 | P | 0.50% | 0.42 | 0.48 | 11.20 | 0% | 0.96 | 5.81 | 10 | 1.72 | 0.87 | 0.58 | 9.59 | 0.00 | - | - | - | - | - |
| C3.02 | G-1 | 0.08 | 0.7 | | 0.7 | 30 | P | 0.50% | 0.42 | 0.25 | 4.11 | 0% | 0.70 | 1.00 | 10 | 9.96 | 1.71 | 0.10 | 7.04 | 0.00 | - | - | - | - | - |
| D1.01 | G-1 | 0.62 | 4.2 | | 4.2 | 30 | P | 1.25% | 0.42 | 0.38 | 7.27 | 0% | 0.84 | 5.01 | 10 | 1.99 | 1.10 | 0.50 | 8.44 | 0.00 | - | - | - | - | - |
| D1.02 | G-1 | 0.90 | 5.0 | | 5.0 | 30 | P | 1.25% | 0.42 | 0.40 | 7.89 | 0% | 0.87 | 5.75 | 10 | 1.74 | 1.05 | 0.58 | 8.67 | 0.00 | - | - | - | - | - |
| D1.03 | G-1 | 0.38 | 3.0 | 0.10 | 3.1 | 30 | P | 2.00% | 0.42 | 0.32 | 5.70 | 0% | 0.78 | 4.02 | 10 | 2.49 | 1.32 | 0.40 | 7.79 | 0.00 | - | - | - | - | - |
| D1.04 | G-1 | 0.84 | 5.7 | | 5.7 | 30 | P | 0.85% | 0.42 | 0.45 | 9.48 | 0% | 0.92 | 6.23 | 10 | 1.61 | 0.94 | 0.62 | 9.18 | 0.00 | - | - | - | - | - |
| D1.05 | G-1 | 0.96 | 4.5 | | 4.5 | 30 | P | 0.85% | 0.42 | 0.41 | 8.23 | 0% | 0.88 | 5.08 | 10 | 1.97 | 1.02 | 0.51 | 8.79 | 0.00 | - | - | - | - | - |
| D1.06 | G-1 | 0.22 | 2.0 | | 2.0 | 30 | P | 0.85% | 0.42 | 0.32 | 5.64 | 0% | 0.78 | 2.57 | 10 | 3.90 | 1.33 | 0.26 | 7.76 | 0.00 | - | - | - | - | - |
| D1.07 | G-1 | 0.63 | 3.2 | | 3.2 | 30 | P | 0.85% | 0.42 | 0.37 | 6.98 | 0% | 0.83 | 3.84 | 10 | 2.60 | 1.14 | 0.38 | 8.33 | 0.00 | - | - | - | - | - |
| D1.08 | G-1 | 0.43 | 3.9 | | 3.9 | 30 | P | 1.00% | 0.42 | 0.38 | 7.37 | 0% | 0.85 | 4.59 | 10 | 2.18 | 1.09 | 0.46 | 8.48 | 0.00 | - | - | - | - | - |
| D1.09 | G-1 | 0.62 | 5.6 | | 5.6 | 50 | P | 0.85% | 0.42 | 0.42 | 9.27 | 0% | 0.89 | 6.33 | 10 | 1.58 | 1.00 | 0.63 | 8.88 | 0.00 | - | - | - | - | - |
| D1.10 | G-1 | 0.49 | 4.4 | | 4.4 | 50 | P | 0.85% | 0.42 | 0.39 | 8.33 | 0% | 0.85 | 5.22 | 10 | 1.92 | 1.09 | 0.52 | 8.51 | 0.00 | - | - | - | - | - |
| D2.01 | G-1 | 0.69 | 3.8 | | 3.8 | - | P | 2.40% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 3.8 | 16 | 0.29 |
| D2.02 | G-1 | 0.30 | 1.6 | | 1.6 | 30 | P | 0.50% | 0.42 | 0.32 | 5.80 | 0% | 0.78 | 2.08 | 10 | 4.80 | 1.30 | 0.21 | 7.84 | 0.00 | - | - | - | - | - |
| D2.03 | G-1 | 0.09 | 0.7 | | 0.7 | 30 | P | 0.50% | 0.42 | 0.25 | 4.12 | 0% | 0.70 | 1.01 | 10 | 9.93 | 1.71 | 0.10 | 7.04 | 0.00 | - | - | - | - | - |
| D3.01 | G-1 | 0.65 | 3.5 | | 3.5 | 30 | P | 1.00% | 0.42 | 0.37 | 7.00 | 0% | 0.83 | 4.19 | 10 | 2.39 | 1.13 | 0.42 | 8.34 | 0.00 | - | - | - | - | - |
| D4.01 | S-2 | 3.48 | 15.5 | | 15.5 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 15.5 | 16 | 0.74 |
| D4.02 | G-1 | 0.72 | 3.7 | | 3.7 | 30 | P | 0.85% | 0.42 | 0.39 | 7.52 | 0% | 0.85 | 4.38 | 10 | 2.29 | 1.08 | 0.44 | 8.54 | 0.00 | - | - | - | - | - |
| D5.01 | G-1 | 1.50 | 6.7 | | 6.7 | 50 | P | 0.53% | 0.42 | 0.49 | 11.35 | 0% | 0.96 | 6.98 | 10 | 1.43 | 0.86 | 0.70 | 9.64 | 0.00 | - | - | - | - | - |
| D5.02 | G-1 | 0.67 | 5.2 | | 5.2 | 50 | P | 0.80% | 0.42 | 0.41 | 9.09 | 0% | 0.88 | 5.92 | 10 | 1.69 | 1.01 | 0.59 | 8.81 | 0.00 | - | - | - | - | - |
| D5.03 | G-1 | 1.12 | 5.8 | | 5.8 | 50 | P | 0.80% | 0.42 | 0.43 | 9.57 | 0% | 0.90 | 6.48 | 10 | 1.54 | 0.97 | 0.65 | 9.00 | 0.00 | - | - | - | - | - |
| D6.01 | S-2 | 4.35 | 17.8 | | 17.8 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 17.8 | 16 | 0.81 |
| E1.01A | G-1 | 0.85 | 4.3 | | 4.3 | 30 | P | 2.00% | 0.42 | 0.35 | 6.55 | 0% | 0.82 | 5.25 | 15 | 2.86 | 1.19 | 0.35 | 12.23 | 0.00 | - | - | - | - | - |
| E1.01B | G-1 | 0.98 | 2.7 | | 2.7 | 30 | P | 1.60% | 0.42 | - | - | 0% | - | - | 10 | - | - | - | - | - | - | - | - | - | - |
| E1.01 | G-1 | 1.83 | 6.9 | | 6.9 | 30 | P | 1.50% | 0.42 | 0.43 | 8.99 | 0% | 0.90 | 7.69 | 15 | 1.95 | 0.97 | 0.51 | 13.55 | 0.00 | - | - | - | - | - |
| E1.02 | S-2 | 0.37 | 2.2 | | 2.2 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.2 | 16 | 0.20 |
| E1.03 | G-1 | 0.77 | 4.2 | | 4.2 | 30 | P | 2.00% | 0.42 | 0.35 | 6.47 | 0% | 0.81 | 5.14 | 10 | 1.94 | 1.20 | 0.51 | 8.12 | 0.00 | - | - | - | - | - |
| E1.04 | G-1 | 0.25 | 1.6 | | 1.6 | 30 | P | 2.00% | 0.42 | 0.26 | 4.33 | 0% | 0.71 | 2.26 | 10 | 4.43 | 1.64 | 0.23 | 7.15 | 0.00 | - | - | - | - | - |
| E1.05 | G-1 | 1.18 | 6.3 | | 6.3 | 30 | P | 1.00% | 0.42 | 0.45 | 9.60 | 0% | 0.92 | 6.87 | 10 | 1.45 | 0.93 | 0.69 | 9.21 | 0.00 | - | - | - | - | - |
| E1.06 | S-2 | 1.61 | 5.1 | | 5.1 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.1 | 16 | 0.35 |
| E1.07 | G-1 | 0.61 | 3.4 | | 3.4 | 30 | P | 1.00% | 0.42 | 0.37 | 6.91 | 0% | 0.83 | 4.10 | 10 | 2.44 | 1.14 | 0.41 | 8.30 | 0.00 | - | - | - | - | - |
| E1.08 | G-1 | 0.57 | 3.6 | | 3.6 | 30 | P | 1.00% | 0.42 | 0.38 | 7.14 | 0% | 0.84 | 4.34 | 10 | 2.30 | 1.12 | 0.43 | 8.39 | 0.00 | - | - | - | - | - |
| E2.01A | G-1 | 0.56 | 3.0 | | 3.0 | 30 | P | 0.75% | 0.42 | 0.37 | 6.93 | 0% | 0.83 | 3.56 | 10 | 2.81 | 1.14 | 0.36 | 8.31 | 0.00 | - | - | - | - | - |
| E2.01B | G-1 | 2.08 | 4.9 | | 4.9 | 30 | P | 0.75% | 0.42 | 0.44 | 9.01 | 0% | 0.90 | 5.46 | 10 | 1.83 | 0.96 | 0.55 | 9.04 | 0.00 | - | - | - | - | - |
| E2.01 | G-1 | 2.64 | 7.3 | | 7.3 | 30 | P | 0.75% | 0.42 | 0.49 | 11.83 | 0% | 0.97 | 7.49 | 10 | 1.34 | 0.85 | 0.75 | 9.70 | 0.00 | - | - | - | - | - |
| E2.02A | G-1 | 0.72 | 3.7 | | 3.7 | 30 | P | 0.50% | 0.42 | 0.42 | 8.64 | 0% | 0.89 | 4.19 | 10 | 2.39 | 0.99 | 0.42 | 8.92 | 0.00 | - | - | - | - | - |
| E2.02B | G-1 | 0.99 | 2.5 | | 2.5 | 30 | P | 0.50% | 0.42 | 0.37 | 7.02 | 0% | 0.83 | 2.98 | 10 | 3.35 | 1.13 | 0.30 | 8.35 | 0.00 | - | - | - | - | - |
| E2.02 | G-1 | 1.71 | 5.7 | | 5.7 | 30 | P | 0.50% | 0.42 | 0.49 | 11.46 | 0% | 0.96 | 5.94 | 10 | 1.68 | 0.86 | 0.59 | 9.64 | 0.00 | - | - | - | - | - |
| E2.03 | G-1 | 0.18 | 1.4 | | 1.4 | 30 | P | 0.50% | 0.42 | 0.31 | 5.49 | 0% | 0.77 | 1.86 | 10 | 5.36 | 1.36 | 0.19 | 7.70 | 0.00 | - | - | - | - | - |
| E3.01 | G-1 | 0.79 | 4.2 | | 4.2 | 30 | P | 0.50% | 0.42 | 0.44 | 9.23 | 0% | 0.91 | 4.61 | 10 | 2.17 | 0.95 | 0.46 | 9.11 | 0.00 | - | - | - | - | - |
| E3.02 | G-1 | 0.12 | 1.0 | | 1.0 | 30 | P | 0.50% | 0.42 | 0.27 | 4.64 | 0% | 0.73 | 1.31 | 10 | 7.63 | 1.55 | 0.13 | 7.30 | 0.00 | - | - | - | - | - |
| E4.01A | G-1 | 1.05 | 5.8 | | 5.8 | 30 | P | 2.00% | 0.42 | 0.39 | 7.59 | 0% | 0.86 | 6.82 | 10 | 1.47 | 1.07 | 0.68 | 8.56 | 0.00 | - | - | - | - | - |
| E4.01B | G-1 | 1.90 | 4.3 | | 4.3 | 30 | P | 2.00% | 0.42 | 0.35 | 6.55 | 0% | 0.82 | 5.25 | 10 | 1.90 | 1.19 | 0.53 | 8.15 | 0.00 | - | - | - | - | - |
| E4.01 | G-1 | 2.95 | 8.5 | | 8.5 | 30 | P | 2.00% | 0.42 | 0.44 | 9.32 | 0% | 0.91 | 9.34 | 15 | 1.61 | 0.95 | 0.62 | 13.70 | 0.00 | - | - | - | - | - |
| E4.02 | G-1 | 0.17 | 1.4 | | 1.4 | 30 | P | 2.00% | 0.42 | 0.24 | 4.05 | 0% | 0.70 | 1.93 | 10 | 5.17 | 1.74 | 0.19 | 7.00 | 0.00 | - | - | - | - | - |
| E4.03 | G-1 | 0.25 | 2.0 | | 2.0 | 30 | P | 1.78% | 0.42 | 0.28 | 4.83 | 0% | 0.74 | 2.70 | 10 | 3.71 | 1.50 | 0.27 | 7.39 | 0.00 | - | - | - | - | - |
| E4.04 | G-1 | 1.01 | 7.1 | | 7.1 | 30 | P | 1.78% | 0.42 | 0.43 | 8.69 | 0% | 0.89 | 7.98 | 15 | 1.88 | 0.99 | 0.53 | 13.41 | 0.00 | - | - | - | - | - |
| E4.05 | G-1 | 1.13 | 5.9 | | 5.9 | 30 | P | 0.83% | 0.42 | 0.45 | 9.74 | 0% | 0.93 | 6.38 | 10 | 1.57 | 0.92 | 0.64 | 9.25 | 0.00 | - | - | - | - | - |
| E4.06 | G-1 | 0.31 | 2.5 | | 2.5 | 30 | P | 0.83% | 0.42 | 0.34 | 6.23 | 0% | 0.80 | 3.08 | 10 | 3.25 | 1.23 | 0.31 | 8.02 | 0.00 | - | - | - | - | - |
| E4.07 | S-2 | 0.98 | 6.7 | | 6.7 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.7 | 16 | 0.42 |
| E4.08 A | S-1 | 0.83 | 4.4 | | 4.4 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 4.4 | 10 | 0.30 |
| E4.08 B | S-1 | 0.40 | 2.4 | | 2.4 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 2.4 | 10 | 0.20 |
| E4.08 | S-1 | 1.23 | 6.6 | | 6.6 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 6.6 | 10 | 0.39 |
| E4.09 A | S-1 | 0.19 | 1.5 | | 1.5 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 1.5 | 10 | 0.15 |
| E4.09 B | S-1 | 0.08 | 0.6 | | 0.6 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 0.6 | 10 | 0.08 |
| E4.09 | S-1 | 0.27 | 2.2 | | 2.2 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 2.2 | 10 | 0.19 |
| E5.01A | G-1 | 0.76 | 4.4 | | 4.4 | 30 | P | 1.08% | 0.42 | 0.40 | 7.70 | 0% | 0.86 | 5.13 | 10 | 1.95 | 1.06 | 0.51 | 8.60 | 0.00 | - | - | - | - | - |
| E5.01B | G-1 | 2.16 | 6.4 | | 6.4 | 30 | P | 1.08% | 0.42 | 0.45 | 9.46 | 0% | 0.92 | 7.00 | 10 | 1.43 | 0.94 | 0.70 | 9.17 | 0.00 | - | - | - | - | - |
| E.5.01 | G-1 | 2.92 | 11.2 | -2.3 | 8.9 | 30 | P | 1.08% | 0.42 | 0.50 | 12.13 | 0% | 0.98 | 9.17 | 10 | 1.09 | 0.84 | 0.92 | 9.75 | 0.00 | Spill E5.02 | - | - | - | - |
| E5.02 | G-1 | 0.38 | 2.2 | 2.30 | 4.5 | 30 | P | 1.08% | 0.42 | 0.40 | 7.79 | 0% | 0.86 | 5.24 | 10 | 1.91 | 1.05 | 0.52 | 8.64 | 0.00 | - | - | - | - | - |
| E6.01 | G-1 | 0.91 | 4.8 | | 4.8 | 30 | P | 0.58% | 0.42 | 0.45 | 9.58 | 0% | 0.92 | 5.22 | 10 | 1.92 | 0.93 | 0.52 | 9.21 | 0.00 | - | - | - | - | - |
| E6.02 | S-2 | 2.04 | 10.6 | | 10.6 | - | P | 3.00% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 10.6 | 16 | 0.57 |
| E6.03 | G-1 | 0.76 | 4.0 | | 4.0 | 30 | P | 0.58% | 0.42 | 0.42 | 8.61 | 0% | 0.89 | 4.49 | 10 | 2.23 | 0.99 | 0.45 | 8.91 | 0.00 | - | - | - | - | - |
| E6.04 | G-1 | 0.28 | 2.2 | | 2.2 | 30 | P | 0.58% | 0.42 | 0.35 | 6.45 | 0% | 0.81 | 2.75 | 10 | 3.64 | 1.20 | 0.28 | 8.11 | 0.00 | - | - | - | - | - |
| F1.01 | G-1 | 1.33 | 10.6 | | 10.6 | 60 | P | 1.00% | 0.42 | 0.50 | 11.91 | 0% | 0.98 | 10.85 | 15 | 1.38 | 0.84 | 0.72 | 14.65 | 0.00 | - | - | - | - | - |
| F1.02 | G-1 | 1.34 | 10.7 | | 10.7 | 60 | P | 1.00% | 0.42 | 0.50 | 11.95 | 0% | 0.98 | 10.92 | 15 | 1.37 | 0.84 | 0.73 | 14.67 | 0.00 | - | - | - | - | - |
| G1.01 | G-1 | 1.20 | 9.5 | | 9.5 | 50 | P | 0.50% | 0.42 | 0.56 | 13.86 | 0% | 1.04 | 9.06 | 15 | 1.66 | 0.75 | 0.60 | 15.65 | 0.00 | - | - | - | - | - |
| G1.02 | G-1 | 1.02 | 7.7 | | 7.7 | 50 | P | 0.50% | 0.42 | 0.52 | 12.34 | 0% | 1.00 | 7.70 | 15 | 1.95 | 0.81 | 0.51 | 14.95 | 0.00 | - | - | - | - | - |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

DUSTIN J. GOSS
91805
09/09/2024
Dan Goss

PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
CITY OF PFLUGERVILLE, TEXAS

## DRAINAGE CALCULATIONS (2 OF 3)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 24 OF 29

Date: Sep 09, 2024, 11:25am User ID: psylvester
File: H:\Projects\506\27\01\215 Preliminary Revision 3\Civil\OD50627-01.dwg

## NOTES:

1. PROPOSED GRADING, STORM DRAIN SIZES, AND DRAINAGE AREAS ARE SUBJECT TO CHANGE WITH FINAL DESIGN.
2. REFER TO THE LAKESIDE MEADOWS FLOODPLAIN & DRAINAGE REPORT FOR ADDITIONAL INFORMATION.

STREET FLOW AND INLET CALCULATIONS
100 YEAR STORM

| | | | | | | STREET CAPACITY | | | | | | INLET ON GRADE CAPACITY | | | | | | | | | | SUMP INLET CAPACITY | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inlet No. | Inlet Type | Drainage Area | Q 100 (cfs) | Q spill Q pass (cfs) | Q total (cfs) | Street Width F-F (ft) | Crown Type | Gutter Slope (%) | a (ft) | Yo (ft) | Ponded Width (ft) | Reduction Factor (%) | Qa/La | La (ft) | Length (ft) | L/La | a/Yo | Q/Qa | Qa (cfs) | Q pass (cfs) | Pass/Spill to Inlet # | Clogging Factor (%) | Q total (cfs) | Length (ft) | h (ft) |
| LAKESIDE MEADOWS | | | | | | | | | | | | | | | | | | | | | | | | | |
| ULTIMATE CONDITION DRAINAGE AREAS | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1.01 | S-1 | 0.40 | 3.8 | | 3.8 | 30 | P | - | - | - | - | 0% | - | - | 15 | - | - | - | - | - | - | 10% | 3.8 | 15 | 0.22 |
| A1.02 | S-2 | 1.67 | 19.4 | | 19.4 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 19.4 | 16 | 0.85 |
| A1.03 | G-1 | 0.95 | 9.8 | | 9.8 | 30 | P | 2.00% | 0.42 | 0.46 | 10.19 | 0% | 0.94 | 10.48 | 10 | 0.95 | 0.90 | 1.05 | 9.4 | 0.4 | - | - | - | - | - |
| A1.04 | S-2 | 0.19 | 2.5 | | 2.5 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.5 | 16 | 0.22 |
| A1.05 | G-1 | 1.34 | 10.3 | | 10.3 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 10.3 | 16 | 0.56 |
| A1.06 | G-1 | 0.50 | 5.8 | | 5.8 | 30 | P | 2.00% | 0.42 | 0.39 | 7.59 | 0% | 0.86 | 6.83 | 10 | 1.47 | 1.07 | 0.68 | 8.6 | 0.0 | - | - | - | - | - |
| A1.07 | S-2 | 0.07 | 0.9 | | 0.9 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 0.9 | 16 | 0.11 |
| A1.08 | G-1 | 0.20 | 2.6 | | 2.6 | 30 | P | 2.00% | 0.42 | 0.30 | 5.30 | 0% | 0.76 | 3.46 | 10 | 2.89 | 1.39 | 0.35 | 7.6 | 0.0 | - | - | - | - | - |
| A1.09 | S-2 | 0.94 | 6.6 | | 6.6 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.6 | 16 | 0.42 |
| A1.10 | G-1 | 1.21 | 11.5 | | 11.5 | 30 | P | 2.00% | 0.42 | 0.49 | 11.52 | 0% | 0.97 | 11.94 | 10 | 0.84 | 0.86 | 1.19 | 9.7 | 1.9 | - | - | - | - | - |
| A1.11 | G-1 | 0.11 | 1.4 | | 1.4 | 30 | P | 2.00% | 0.42 | 0.25 | 4.16 | 0% | 0.71 | 2.05 | 10 | 4.87 | 1.70 | 0.21 | 7.1 | 0.0 | - | - | - | - | - |
| A1.12 | G-1 | 0.07 | 0.9 | | 0.9 | 30 | P | 2.00% | 0.42 | 0.21 | 3.45 | 0% | 0.67 | 1.34 | 10 | 7.47 | 1.99 | 0.13 | 6.7 | 0.0 | - | - | - | - | - |
| A1.13 | G-1 | 0.11 | 1.4 | | 1.4 | 30 | P | 2.00% | 0.42 | 0.25 | 4.16 | 0% | 0.71 | 2.05 | 10 | 4.87 | 1.70 | 0.21 | 7.1 | 0.0 | - | - | - | - | - |
| A1.14 | S-2 | 0.93 | 10.9 | | 10.9 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 10.9 | 16 | 0.58 |
| A1.15 | G-1 | 0.44 | 5.8 | | 5.8 | 20 | P | 1.58% | 0.42 | 0.41 | 7.71 | 0% | 0.87 | 6.65 | 10 | 1.50 | 1.03 | 0.66 | 8.7 | 0.0 | - | - | - | - | - |
| A1.16 | G-1 | 0.54 | 6.3 | | 6.3 | 30 | P | 1.58% | 0.42 | 0.42 | 8.40 | 0% | 0.88 | 7.14 | 10 | 1.40 | 1.01 | 0.71 | 8.8 | 0.0 | - | - | - | - | - |
| A1.17 | G-1 | 1.32 | 9.1 | | 9.1 | 30 | P | 1.45% | 0.42 | 0.48 | 10.82 | 0% | 0.95 | 9.55 | 10 | 1.05 | 0.88 | 0.95 | 9.5 | 0.0 | - | - | - | - | - |
| A1.18 | G-1 | 0.53 | 7.0 | 3.4 | 10.4 | 30 | P | 1.45% | 0.42 | 0.50 | 12.15 | 0% | 0.98 | 10.64 | 10 | 0.94 | 0.84 | 1.06 | 9.8 | 0.6 | Spill A11.05 | - | - | - | - |
| A1.19 | G-1 | 1.13 | 7.8 | | 7.8 | 50 | P | 0.50% | 0.42 | 0.52 | 12.44 | 0% | 1.00 | 7.78 | 10 | 1.28 | 0.81 | 0.78 | 10.0 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2.01 | S-2 | 0.49 | 4.3 | | 4.3 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.3 | 16 | 0.31 |
| A2.02 | S-2 | 0.17 | 2.0 | | 2.0 | 30 | P | 2.00% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.0 | 16 | 0.19 |
| A2.03 | G-1 | 0.12 | 1.6 | | 1.6 | 30 | P | 2.00% | 0.42 | 0.25 | 4.30 | 0% | 0.71 | 2.22 | 10 | 4.51 | 1.65 | 0.22 | 7.1 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A3.01 | G-1 | 1.42 | 10.2 | -1.5 | 8.7 | 30 | P | 1.00% | 0.42 | 0.50 | 12.20 | 0% | 0.98 | 8.87 | 10 | 1.13 | 0.84 | 0.89 | 9.8 | 0.0 | Spill A3.02 | - | - | - | - |
| A3.02 | G-1 | 0.25 | 3.3 | 1.5 | 4.8 | 30 | P | 1.00% | 0.42 | 0.41 | 8.19 | 0% | 0.88 | 5.46 | 10 | 1.83 | 1.02 | 0.55 | 8.8 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4.01 | G-1 | 2.09 | 14.4 | -2.7 | 11.7 | 30 | P | 2.00% | 0.42 | 0.49 | 11.65 | 0% | 0.97 | 12.07 | 10 | 0.83 | 0.85 | 1.21 | 9.7 | 2.0 | Spill A4.06 | - | - | - | - |
| A4.02 | G-1 | 0.14 | 1.8 | | 1.8 | 30 | P | 2.00% | 0.42 | 0.27 | 4.57 | 0% | 0.73 | 2.54 | 10 | 3.94 | 1.57 | 0.25 | 7.3 | 0.0 | - | - | - | - | - |
| A4.03 | G-1 | 1.08 | 8.5 | | 8.5 | 30 | P | 2.00% | 0.42 | 0.44 | 9.30 | 0% | 0.91 | 9.32 | 10 | 1.07 | 0.95 | 0.93 | 9.1 | 0.0 | - | - | - | - | - |
| A4.04 | G-1 | 0.14 | 1.8 | | 1.8 | 30 | P | 2.00% | 0.42 | 0.27 | 4.57 | 0% | 0.73 | 2.54 | 10 | 3.94 | 1.57 | 0.25 | 7.3 | 0.0 | - | - | - | - | - |
| A4.05 | G-1 | 0.09 | 1.1 | | 1.1 | 30 | P | 2.00% | 0.42 | 0.22 | 3.67 | 0% | 0.68 | 1.54 | 10 | 6.47 | 1.89 | 0.15 | 6.8 | 0.0 | - | - | - | - | - |
| A4.06 | G-1 | 0.02 | 0.2 | 2.7 | 2.9 | 30 | P | 2.00% | 0.42 | 0.31 | 5.53 | 0% | 0.77 | 3.79 | 10 | 2.64 | 1.35 | 0.38 | 7.7 | 0.0 | - | - | - | - | - |
| A4.07 | G-1 | 0.59 | 4.7 | | 4.7 | 20 | P | 2.00% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.7 | 16 | 0.33 |
| A4.08 | G-1 | 0.13 | 1.7 | | 1.7 | 30 | P | 2.00% | 0.42 | 0.26 | 4.44 | 0% | 0.72 | 2.38 | 10 | 4.20 | 1.61 | 0.24 | 7.2 | 0.0 | - | - | - | - | - |
| A4.09 | G-1 | 0.84 | 5.8 | | 5.8 | 30 | P | 2.00% | 0.42 | 0.39 | 7.60 | 0% | 0.86 | 6.83 | 10 | 1.46 | 1.07 | 0.68 | 8.6 | 0.0 | - | - | - | - | - |
| A4.10 | G-1 | 0.20 | 2.6 | | 2.6 | 30 | P | 2.00% | 0.42 | 0.30 | 5.30 | 0% | 0.76 | 3.46 | 10 | 2.89 | 1.39 | 0.35 | 7.6 | 0.0 | - | - | - | - | - |
| A4.11 | G-1 | 0.68 | 5.3 | | 5.3 | 30 | P | 2.00% | 0.42 | 0.38 | 7.21 | 0% | 0.84 | 6.25 | 10 | 1.60 | 1.11 | 0.63 | 8.4 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5.01 | G-1 | 1.22 | 12.8 | | 12.8 | 30 | P | 0.50% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 12.8 | 16 | 0.65 |
| A5.02 | G-1 | 0.75 | 8.6 | | 8.6 | 30 | P | 0.50% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 8.6 | 16 | 0.50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A6.01 | G-1 | 0.76 | 8.9 | -2.8 | 6.1 | 30 | P | 0.50% | 0.42 | 0.50 | 12.12 | 0% | 0.98 | 6.24 | 10 | 1.60 | 0.84 | 0.62 | 9.8 | 0.0 | Spill A6.03 | - | - | - | - |
| A6.02 | S-2 | 0.35 | 4.1 | | 4.1 | 20 | P | 0.50% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.1 | 16 | 0.30 |
| A6.03 | G-1 | 1.02 | 11.9 | -4.0 | 7.9 | 30 | P | 0.85% | 0.42 | 0.50 | 12.11 | 0% | 0.97 | 8.13 | 10 | 1.23 | 0.84 | 0.81 | 9.7 | 0.0 | Spill A1.18 | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A7.01 | G-1 | 0.70 | 7.2 | | 7.2 | 30 | P | 0.85% | 0.42 | 0.48 | 11.16 | 0% | 0.96 | 7.55 | 10 | 1.32 | 0.87 | 0.75 | 9.6 | 0.0 | - | - | - | - | - |
| A7.02 | S-2 | 0.22 | 2.9 | | 2.9 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 2.9 | 16 | 0.24 |
| | | | | | | | | | | | | 0% | | | | | | | | | | | | | |
| A8.01 | S-2 | 2.28 | 16.1 | | 16.1 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 16.1 | 16 | 0.75 |
| A8.02 | S-2 | 2.94 | 20.1 | | 20.1 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 20.1 | 16 | 0.87 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9.01 | G-1 | 0.90 | 6.9 | -0.6 | 6.3 | 30 | P | 0.54% | 0.42 | 0.50 | 12.03 | 0% | 0.97 | 6.45 | 10 | 1.55 | 0.84 | 0.64 | 9.7 | 0.0 | Spill A9.03 | - | - | - | - |
| A9.02 | G-1 | 0.31 | 3.6 | | 3.6 | 30 | P | 0.54% | 0.42 | 0.42 | 8.32 | 0% | 0.88 | 4.11 | 10 | 2.43 | 1.01 | 0.41 | 8.8 | 0.0 | - | - | - | - | - |
| A9.03 | G-1 | 0.68 | 5.0 | 0.6 | 5.6 | 30 | P | 0.54% | 0.42 | 0.48 | 10.86 | 0% | 0.95 | 5.85 | 10 | 1.71 | 0.88 | 0.59 | 9.5 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A11.01 | G-1 | 0.85 | 5.9 | 1.3 | 7.2 | 30 | P | 0.85% | 0.42 | 0.48 | 11.06 | 0% | 0.96 | 7.48 | 10 | 1.34 | 0.87 | 0.75 | 9.6 | 0.0 | - | - | - | - | - |
| A11.02 | G-1 | 0.26 | 3.4 | | 3.4 | 30 | P | 0.85% | 0.42 | 0.38 | 7.21 | 0% | 0.84 | 4.07 | 10 | 2.46 | 1.11 | 0.41 | 8.4 | 0.0 | - | - | - | - | - |
| A11.03 | G-1 | 0.67 | 6.1 | | 6.1 | 30 | P | 0.85% | 0.42 | 0.46 | 9.92 | 0% | 0.93 | 6.61 | 10 | 1.51 | 0.92 | 0.66 | 9.3 | 0.0 | - | - | - | - | - |
| A11.04 | G-1 | 0.28 | 3.7 | | 3.7 | 30 | P | 1.27% | 0.42 | 0.36 | 6.79 | 0% | 0.83 | 4.47 | 10 | 2.24 | 1.16 | 0.45 | 8.3 | 0.0 | - | - | - | - | - |
| A11.05 | G-1 | 0.60 | 5.8 | 3.4 | 9.2 | 30 | P | 1.27% | 0.42 | 0.49 | 11.54 | 0% | 0.97 | 9.53 | 10 | 1.05 | 0.86 | 0.95 | 9.7 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| A12.01 | S-2 | 1.31 | 9.6 | | 9.6 | - | P | 0.85% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 9.6 | 16 | 0.54 |
| A12.02 | S-2 | 0.89 | 6.5 | | 6.5 | - | P | 0.85% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.5 | 16 | 0.41 |
| A13.03 | G-1 | 0.88 | 6.2 | | 6.2 | 50 | P | 0.50% | 0.42 | 0.48 | 11.07 | 0% | 0.95 | 6.52 | 23 | 3.53 | 0.87 | 0.28 | 21.9 | 0.0 | - | - | - | - | - |
| A13.04 | G-1 | 0.46 | 5.4 | | 5.4 | 50 | P | 0.50% | 0.42 | 0.46 | 10.30 | 0% | 0.93 | 5.80 | 24 | 4.14 | 0.92 | 0.24 | 22.2 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1.01 | S-2 | 0.67 | 5.1 | | 5.1 | 30 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.1 | 16 | 0.35 |
| B1.02 | S-2 | 0.98 | 5.6 | | 5.6 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.6 | 16 | 0.37 |
| B1.03 | G-1 | 0.27 | 3.6 | | 3.6 | 30 | P | 0.74% | 0.42 | 0.39 | 7.60 | 0% | 0.86 | 4.15 | 10 | 2.41 | 1.07 | 0.42 | 8.6 | 0.0 | - | - | - | - | - |
| B1.04 | G-1 | 0.20 | 2.3 | | 2.3 | 30 | P | 0.74% | 0.42 | 0.34 | 6.23 | 0% | 0.80 | 2.91 | 10 | 3.43 | 1.23 | 0.29 | 8.0 | 0.0 | - | - | - | - | - |
| B1.05 | G-1 | 0.15 | 1.8 | | 1.8 | 30 | P | 1.40% | 0.42 | 0.28 | 4.82 | 0% | 0.74 | 2.38 | 10 | 4.21 | 1.50 | 0.24 | 7.4 | 0.0 | - | - | - | - | - |
| B1.06 | G-1 | 0.92 | 7.6 | | 7.6 | 30 | P | 1.40% | 0.42 | 0.45 | 9.70 | 0% | 0.92 | 8.24 | 10 | 1.21 | 0.93 | 0.82 | 9.2 | 0.0 | - | - | - | - | - |
| B1.07 | G-1 | 1.02 | 8.2 | | 8.2 | 30 | P | 1.40% | 0.42 | 0.46 | 10.21 | 0% | 0.94 | 8.78 | 10 | 1.14 | 0.90 | 0.88 | 9.4 | 0.0 | - | - | - | - | - |
| B1.08 | G-1 | 0.33 | 3.9 | | 3.9 | 30 | P | 0.75% | 0.42 | 0.40 | 7.89 | 0% | 0.87 | 4.45 | 10 | 2.25 | 1.05 | 0.44 | 8.7 | 0.0 | - | | - | - | - |
| B1.09 | G-1 | 0.88 | 8.1 | -0.6 | 7.5 | 30 | P | 0.75% | 0.42 | 0.50 | 12.15 | 0% | 0.98 | 7.66 | 10 | 1.31 | 0.84 | 0.77 | 9.8 | 0.0 | Spill B1.10 | - | - | - | - |
| B1.10 | G-1 | 0.95 | 8.1 | -0.7 | 7.4 | 30 | P | 0.75% | 0.42 | 0.50 | 12.10 | 0% | 0.97 | 7.63 | 10 | 1.31 | 0.84 | 0.76 | 9.7 | 0.0 | Spill A11.01 | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2.01 | S-2 | 1.25 | 8.4 | | 8.4 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 8.4 | 16 | 0.49 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B3.01 | S-2 | 0.83 | 6.2 | | 6.2 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 6.2 | 16 | 0.40 |
| B3.02 | S-2 | 0.46 | 4.2 | | 4.2 | 20 | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 4.2 | 16 | 0.31 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B4.01 | S-2 | 2.37 | 20.3 | | 20.3 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 20.3 | 16 | 0.88 |
| B4.02 | S-2 | 2.34 | 18.7 | | 18.7 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 18.7 | 16 | 0.83 |
| B4.03 | S-2 | 0.45 | 4.7 | | 4.7 | 30 | P | 1.00% | 0.42 | 0.41 | 8.07 | 0% | 0.87 | 5.33 | 10 | 1.88 | 1.03 | 0.53 | 8.7 | 0.0 | - | - | - | - | - |
| B4.04 | S-2 | 0.24 | 3.2 | | 3.2 | 30 | P | 1.00% | 0.42 | 0.36 | 6.68 | 0% | 0.82 | 3.85 | 10 | 2.60 | 1.17 | 0.39 | 8.2 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B5.01 | G-1 | 0.56 | 4.5 | | 4.5 | 30 | P | 0.50% | 0.42 | 0.45 | 9.65 | 0% | 0.92 | 4.89 | 10 | 2.05 | 0.93 | 0.49 | 9.2 | 0.0 | - | - | - | - | - |
| B5.02 | G-2 | 0.50 | 3.7 | | 3.7 | 30 | P | 0.50% | 1.42 | 0.42 | 8.54 | 0% | 3.65 | 1.00 | 10 | 9.98 | 3.37 | 0.10 | 36.5 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6.01 | S-2 | 2.04 | 15.9 | | 15.9 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 15.9 | 16 | 0.75 |
| B6.02 | G-1 | 0.64 | 7.5 | | 7.5 | 50 | P | 0.50% | 0.42 | 0.51 | 12.18 | 0% | 0.99 | 7.55 | 10 | 1.33 | 0.82 | 0.75 | 9.9 | 0.0 | - | - | - | - | - |
| B6.03 | G-1 | 0.27 | 3.2 | | 3.2 | 50 | P | 0.50% | 0.42 | 0.38 | 8.05 | 0% | 0.84 | 3.76 | 10 | 2.66 | 1.12 | 0.38 | 8.4 | 0.0 | - | - | - | - | - |
| B6.04 | G-1 | 1.05 | 12.3 | | 12.3 | 50 | P | 0.50% | 0.42 | 0.61 | 16.36 | 0% | 1.11 | 11.08 | 15 | 1.35 | 0.68 | 0.74 | 16.6 | 0.0 | - | - | - | - | - |
| B6.05 | G-1 | 0.80 | 4.9 | | 4.9 | 50 | P | 0.50% | 0.42 | 0.44 | 9.86 | 0% | 0.91 | 5.39 | 10 | 1.86 | 0.95 | 0.54 | 9.1 | 0.0 | - | - | - | - | - |
| B6.06 | G-2 | 0.37 | 4.3 | | 4.3 | 50 | P | 0.50% | 0.42 | 0.42 | 9.29 | 0% | 0.89 | 4.87 | 10 | 2.05 | 1.00 | 0.49 | 8.9 | 0.0 | - | - | - | - | - |

STREET FLOW AND INLET CALCULATIONS
100 YEAR STORM

| | | | | | | STREET CAPACITY | | | | | | INLET ON GRADE CAPACITY | | | | | | | | | | SUMP INLET CAPACITY | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inlet No. | Inlet Type | Drainage Area | Q 100 (cfs) | Q spill Q pass (cfs) | Q total (cfs) | Street Width F-F (ft) | Crown Type | Gutter Slope (%) | a (ft) | Yo (ft) | Ponded Width (ft) | Reduction Factor (%) | Qa/La | La (ft) | Length (ft) | L/La | a/Yo | Q/Qa | Qa (cfs) | Q pass (cfs) | Pass/Spill to Inlet # | Clogging Factor (%) | Q total (cfs) | Length (ft) | h (ft) |
| LAKESIDE MEADOWS | | | | | | | | | | | | | | | | | | | | | | | | | |
| ULTIMATE CONDITION DRAINAGE AREAS | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| C1.01 | G-1 | 0.57 | 7.5 | | 7.5 | 50 | P | 1.00% | 0.42 | 0.45 | 10.24 | 0% | 0.92 | 8.13 | 10 | 1.23 | 0.93 | 0.81 | 9.2 | 0.0 | - | - | - | - | - |
| C1.02 | G-1 | 0.95 | 8.4 | | 8.4 | 50 | P | 1.00% | 0.42 | 0.47 | 10.84 | 0% | 0.95 | 8.92 | 10 | 1.12 | 0.89 | 0.89 | 9.5 | 0.0 | - | - | - | - | - |
| C1.03 | G-1 | 0.91 | 6.7 | | 6.7 | 50 | P | 1.00% | 0.42 | 0.44 | 9.69 | 0% | 0.90 | 7.40 | 10 | 1.35 | 0.97 | 0.74 | 9.0 | 0.0 | - | - | - | - | - |
| C1.04 | G-1 | 1.72 | 12.4 | | 12.4 | 50 | P | 1.00% | 0.42 | 0.54 | 13.28 | 0% | 1.03 | 12.09 | 15 | 1.24 | 0.77 | 0.81 | 15.4 | 0.0 | - | - | - | - | - |
| C1.05 | G-1 | 0.92 | 7.8 | | 7.8 | 50 | P | 1.00% | 0.42 | 0.46 | 10.41 | 0% | 0.93 | 8.34 | 10 | 1.20 | 0.91 | 0.83 | 9.3 | 0.0 | - | - | - | - | - |
| C1.06 | G-1 | 0.53 | 4.4 | | 4.4 | 50 | P | 1.00% | 0.42 | 0.37 | 7.97 | 0% | 0.84 | 5.22 | 10 | 1.92 | 1.13 | 0.52 | 8.4 | 0.0 | - | - | - | - | - |
| C1.07 | G-1 | 0.60 | 7.9 | | 7.9 | 50 | P | 1.00% | 0.42 | 0.46 | 10.50 | 0% | 0.93 | 8.47 | 10 | 1.18 | 0.91 | 0.85 | 9.3 | 0.0 | - | - | - | - | - |
| C1.08 | G-1 | 0.21 | 2.8 | | 2.8 | 50 | P | 1.00% | 0.42 | 0.32 | 6.54 | 0% | 0.78 | 3.56 | 10 | 2.81 | 1.33 | 0.36 | 7.8 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2.01A | G-1 | 1.42 | 11.8 | | 11.8 | 30 | P | 1.75% | 0.42 | 0.50 | MAX | 0% | 0.98 | 11.99 | 15 | 1.25 | 0.83 | 0.80 | 14.7 | 0.0 | - | - | - | - | - |
| C2.01B | G-1 | 1.48 | 6.5 | | 6.5 | 30 | P | 1.75% | 0.42 | 0.41 | 8.30 | 0% | 0.88 | 7.37 | 15 | 2.04 | 1.01 | 0.49 | 13.2 | 0.0 | - | - | - | - | - |
| C2.01 | G-1 | 2.90 | 17.2 | -5.6 | 11.6 | 30 | P | 1.75% | 0.42 | 0.50 | MAX | 0% | 0.98 | 11.81 | 15 | 1.27 | 0.84 | 0.79 | 14.7 | 0.0 | Spill D1.03 | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3.01 | G-1 | 0.84 | 8.1 | -2.0 | 6.1 | 30 | P | 0.50% | 0.42 | 0.50 | 12.14 | 0% | 0.98 | 6.25 | 10 | 1.60 | 0.84 | 0.62 | 9.8 | 0.0 | Spill C3.02 | - | - | - | - |
| C3.02 | G-1 | 0.08 | 1.0 | 2.0 | 3.0 | 30 | P | 0.50% | 0.42 | 0.40 | 7.73 | 0% | 0.86 | 3.52 | 10 | 2.84 | 1.06 | 0.35 | 8.6 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1.01 | G-1 | 0.62 | 6.2 | | 6.2 | 30 | P | 1.25% | 0.42 | 0.43 | 8.87 | 0% | 0.90 | 6.88 | 10 | 1.45 | 0.97 | 0.69 | 9.0 | 0.0 | - | - | - | - | - |
| D1.02 | G-1 | 0.90 | 7.3 | | 7.3 | 30 | P | 1.25% | 0.42 | 0.46 | 9.79 | 0% | 0.93 | 7.88 | 10 | 1.27 | 0.92 | 0.79 | 9.3 | 0.0 | - | - | - | - | - |
| D1.03 | G-1 | 0.38 | 4.4 | 5.6 | 10.0 | 30 | P | 2.00% | 0.42 | 0.47 | 10.35 | 0% | 0.94 | 10.68 | 10 | 0.94 | 0.90 | 1.07 | 9.4 | 0.6 | - | - | - | - | - |
| D1.04 | G-1 | 0.84 | 8.4 | -0.4 | 8.0 | 30 | P | 0.85% | 0.42 | 0.50 | 12.17 | 0% | 0.98 | 8.16 | 10 | 1.23 | 0.84 | 0.82 | 9.8 | 0.0 | Spill D1.06 | - | - | - | - |
| D1.05 | G-1 | 0.96 | 6.5 | | 6.5 | 30 | P | 0.85% | 0.42 | 0.47 | 10.35 | 0% | 0.94 | 6.95 | 10 | 1.44 | 0.90 | 0.70 | 9.4 | 0.0 | - | - | - | - | - |
| D1.06 | G-1 | 0.22 | 2.9 | 0.4 | 3.3 | 30 | P | 0.85% | 0.42 | 0.37 | 7.08 | 0% | 0.84 | 3.94 | 10 | 2.54 | 1.12 | 0.39 | 8.4 | 0.0 | - | - | - | - | - |
| D1.07 | G-1 | 0.63 | 4.7 | | 4.7 | 30 | P | 0.85% | 0.42 | 0.42 | 8.46 | 0% | 0.89 | 5.29 | 10 | 1.89 | 1.00 | 0.53 | 8.9 | 0.0 | - | - | - | - | - |
| D1.08 | G-1 | 0.43 | 5.7 | | 5.7 | 30 | P | 1.00% | 0.42 | 0.43 | 8.99 | 0% | 0.90 | 6.27 | 10 | 1.59 | 0.97 | 0.63 | 9.0 | 0.0 | - | - | - | - | - |
| D1.09 | G-1 | 0.62 | 8.2 | 0.9 | 9.1 | 50 | P | 0.85% | 0.42 | 0.50 | 11.72 | 0% | 0.98 | 9.29 | 10 | 1.08 | 0.84 | 0.93 | 9.8 | 0.0 | Spill D1.10 | - | - | - | - |
| D1.10 | G-1 | 0.49 | 6.5 | 1.9 | 8.4 | 50 | P | 0.85% | 0.42 | 0.49 | 11.24 | 0% | 0.96 | 8.71 | 10 | 1.15 | 0.87 | 0.87 | 9.6 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D2.01 | G-1 | 0.69 | 5.5 | | 5.5 | - | P | 2.40% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 5.5 | 16 | 0.37 |
| D2.02 | G-1 | 0.30 | 2.4 | | 2.4 | 30 | P | 0.50% | 0.42 | 0.37 | 6.88 | 0% | 0.83 | 2.88 | 10 | 3.47 | 1.15 | 0.29 | 8.3 | 0.0 | - | - | - | - | - |
| D2.03 | G-1 | 0.09 | 1.0 | | 1.0 | 30 | P | 0.50% | 0.42 | 0.28 | 4.80 | 0% | 0.74 | 1.41 | 10 | 7.09 | 1.51 | 0.14 | 7.4 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3.01 | G-1 | 0.65 | 5.1 | | 5.1 | 30 | P | 1.00% | 0.42 | 0.42 | 8.48 | 0% | 0.89 | 5.76 | 10 | 1.74 | 1.00 | 0.58 | 8.9 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D4.01 | S-2 | 3.48 | 22.8 | | 22.8 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 22.8 | 16 | 0.95 |
| D4.02 | G-1 | 0.72 | 5.5 | | 5.5 | 30 | P | 0.85% | 0.42 | 0.44 | 9.23 | 0% | 0.91 | 6.00 | 10 | 1.67 | 0.95 | 0.60 | 9.1 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D5.01 | G-1 | 1.50 | 9.9 | -2.8 | 7.1 | 50 | P | 0.53% | 0.42 | 0.50 | 11.64 | 0% | 0.97 | 7.26 | 10 | 1.38 | 0.84 | 0.73 | 9.7 | 0.0 | Spill D1.09 | - | - | - | - |
| D5.02 | G-1 | 0.67 | 7.6 | | 7.6 | 50 | P | 0.80% | 0.42 | 0.48 | 10.91 | 0% | 0.95 | 8.06 | 10 | 1.24 | 0.88 | 0.81 | 9.5 | 0.0 | - | - | - | - | - |
| D5.03 | G-1 | 1.12 | 8.5 | | 8.5 | 50 | P | 0.80% | 0.42 | 0.49 | 11.54 | 0% | 0.97 | 8.80 | 10 | 1.14 | 0.85 | 0.88 | 9.7 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D6.01 | S-2 | 4.35 | 26.2 | | 26.2 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 26.2 | 16 | 1.04 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| E1.01A | G-1 | 0.85 | 6.3 | | 6.3 | 30 | P | 2.00% | 0.42 | 0.40 | 7.87 | 0% | 0.87 | 7.24 | 15 | 2.07 | 1.05 | 0.48 | 13.0 | 0.0 | - | - | - | - | - |
| E1.01B | G-1 | 0.98 | 4.2 | | 4.2 | 30 | P | 1.60% | 0.42 | 0.36 | 6.83 | 0% | 0.83 | 5.07 | 15 | 2.96 | 1.15 | 0.34 | 12.4 | - | - | - | - | - | - |
| E1.01 | G-1 | 1.83 | 10.4 | | 10.4 | 30 | P | 1.50% | 0.42 | 0.50 | 11.95 | 0% | 0.97 | 10.68 | 15 | 1.40 | 0.85 | 0.71 | 14.6 | 0.0 | - | - | - | - | - |
| E1.02 | S-2 | 0.37 | 3.2 | | 3.2 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 3.2 | 16 | 0.26 |
| E1.03 | G-1 | 0.77 | 6.1 | 3.5 | 9.6 | 30 | P | 2.00% | 0.42 | 0.46 | 10.05 | 0% | 0.93 | 10.30 | 10 | 0.97 | 0.91 | 1.03 | 9.3 | 0.3 | - | - | - | - | - |
| E1.04 | G-1 | 0.25 | 2.4 | | 2.4 | 30 | P | 2.00% | 0.42 | 0.29 | 5.06 | 0% | 0.75 | 3.15 | 10 | 3.18 | 1.45 | 0.31 | 7.5 | 0.0 | - | - | - | - | - |
| E1.05 | G-1 | 1.18 | 9.3 | -0.7 | 8.6 | 30 | P | 1.00% | 0.42 | 0.50 | 12.07 | 0% | 0.97 | 8.79 | 10 | 1.14 | 0.84 | 0.88 | 9.7 | 0.0 | Spill E1.08 | - | - | - | - |
| E1.06 | S-2 | 1.61 | 7.6 | | 7.6 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 7.6 | 16 | 0.46 |
| E1.07 | G-1 | 0.61 | 5.0 | | 5.0 | 30 | P | 1.00% | 0.42 | 0.42 | 8.36 | 0% | 0.88 | 5.63 | 10 | 1.78 | 1.01 | 0.56 | 8.8 | 0.0 | - | - | - | - | - |
| E1.08 | G-1 | 0.57 | 5.3 | 0.7 | 6.0 | 30 | P | 1.00% | 0.42 | 0.44 | 9.32 | 0% | 0.91 | 6.60 | 10 | 1.51 | 0.95 | 0.66 | 9.1 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| E2.01A | G-1 | 0.56 | 4.3 | | 4.3 | 30 | P | 0.75% | 0.42 | 0.42 | 8.38 | 0% | 0.88 | 4.90 | 10 | 2.04 | 1.01 | 0.49 | 8.8 | 0.0 | - | - | - | - | - |
| E2.01B | G-1 | 2.08 | 7.6 | | 7.6 | 30 | P | 0.75% | 0.42 | 0.50 | MAX | 0% | 0.98 | 7.80 | 10 | 1.28 | 0.84 | 0.78 | 9.8 | 0.0 | - | - | - | - | - |
| E2.01 | G-1 | 2.64 | 11.1 | -4.9 | 6.2 | 30 | P | 0.75% | 0.42 | 0.47 | 10.37 | 0% | 0.94 | 6.55 | 10 | 1.53 | 0.90 | 0.66 | 9.4 | 0.0 | Spill E2.03 | - | - | - | - |
| E2.02A | G-1 | 0.72 | 5.5 | | 5.5 | 30 | P | 0.50% | 0.42 | 0.48 | 11.03 | 0% | 0.96 | 5.72 | 10 | 1.75 | 0.87 | 0.57 | 9.6 | 0.0 | - | - | - | - | - |
| E2.02B | G-1 | 0.99 | 3.8 | | 3.8 | 30 | P | 0.50% | 0.42 | 0.43 | 8.78 | 0% | 0.90 | 4.29 | 10 | 2.33 | 0.98 | 0.43 | 9.0 | 0.0 | - | - | - | - | - |
| E2.02 | G-1 | 1.71 | 8.6 | -2.5 | 6.1 | 30 | P | 0.50% | 0.42 | 0.50 | 12.15 | 0% | 0.98 | 6.25 | 10 | 1.60 | 0.84 | 0.63 | 9.8 | 0.0 | Spill E2.03 | - | - | - | - |
| E2.03 | G-1 | 0.18 | 2.1 | 3.9 | 6.0 | 30 | P | 0.50% | 0.42 | 0.50 | 11.96 | 0% | 0.97 | 6.17 | 10 | 1.62 | 0.85 | 0.62 | 9.7 | 0.0 | Pass E1.03 | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| E3.01 | G-1 | 0.79 | 6.1 | | 6.1 | 30 | P | 0.50% | 0.42 | 0.50 | MAX | 0% | 0.98 | 6.29 | 10 | 1.59 | 0.84 | 0.63 | 9.8 | 0.0 | - | - | - | - | - |
| E3.02 | G-1 | 0.12 | 1.4 | | 1.4 | 30 | P | 0.50% | 0.42 | 0.31 | 5.44 | 0% | 0.77 | 1.83 | 10 | 5.47 | 1.37 | 0.18 | 7.7 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| E4.01A | G-1 | 1.05 | 8.5 | | 8.5 | 30 | P | 2.00% | 0.42 | 0.44 | 9.33 | 0% | 0.91 | 9.36 | 10 | 1.07 | 0.95 | 0.94 | 9.1 | 0.0 | - | - | - | - | - |
| E4.01B | G-1 | 1.90 | 6.6 | | 6.6 | 30 | P | 2.00% | 0.42 | 0.41 | 8.10 | 0% | 0.87 | 7.59 | 10 | 1.32 | 1.03 | 0.76 | 8.7 | 0.0 | - | - | - | - | - |
| E4.01 | G-1 | 2.95 | 12.9 | -1.9 | 11.0 | 30 | P | 2.00% | 0.42 | 0.48 | 11.06 | 0% | 0.96 | 11.48 | 15 | 1.31 | 0.87 | 0.77 | 14.3 | 0.0 | Spill E4.02 | - | - | - | - |
| E4.02 | G-1 | 0.17 | 2.0 | 1.9 | 3.9 | 30 | P | 2.00% | 0.42 | 0.34 | 6.27 | 0% | 0.80 | 4.84 | 10 | 2.07 | 1.23 | 0.48 | 8.0 | 0.0 | - | - | - | - | - |
| E4.03 | G-1 | 0.25 | 2.9 | 2.5 | 5.4 | 30 | P | 1.78% | 0.42 | 0.39 | 7.53 | 0% | 0.85 | 6.35 | 10 | 1.57 | 1.08 | 0.63 | 8.5 | 0.0 | - | - | - | - | - |
| E4.04 | G-1 | 1.01 | 10.4 | | 10.4 | 30 | P | 1.78% | 0.42 | 0.48 | 11.14 | 0% | 0.96 | 10.90 | 15 | 1.38 | 0.87 | 0.73 | 14.4 | 0.0 | - | - | - | - | - |
| E4.05 | G-1 | 1.13 | 8.6 | -0.8 | 7.8 | 30 | P | 0.83% | 0.42 | 0.50 | 12.12 | 0% | 0.98 | 8.04 | 10 | 1.24 | 0.84 | 0.80 | 9.8 | 0.0 | Spill E4.06 | - | - | - | - |
| E4.06 | G-1 | 0.31 | 3.6 | 0.8 | 4.4 | 30 | P | 0.83% | 0.42 | 0.41 | 8.25 | 0% | 0.88 | 5.03 | 10 | 1.99 | 1.02 | 0.50 | 8.8 | 0.0 | - | - | - | - | - |
| E4.07 | S-2 | 0.98 | 9.8 | | 9.8 | - | P | - | - | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 9.8 | 16 | 0.54 |
| E4.08 A | S-1 | 0.83 | 6.5 | | 6.5 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 6.5 | 10 | 0.39 |
| E4.08 B | S-1 | 0.40 | 3.5 | | 3.5 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 3.5 | 10 | 0.25 |
| E4.08 | S-1 | 1.23 | 9.6 | | 9.6 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 9.6 | 10 | 0.50 |
| E4.09 A | S-1 | 0.19 | 2.2 | | 2.2 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 2.2 | 10 | 0.19 |
| E4.09 B | S-1 | 0.08 | 0.9 | | 0.9 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 0.9 | 10 | 0.11 |
| E4.09 | S-1 | 0.27 | 3.2 | | 3.2 | 30 | P | - | - | - | - | 0% | - | - | 10 | - | - | - | - | - | - | 10% | 3.2 | 10 | 0.24 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| E5.01A | G-1 | 0.76 | 6.5 | | 6.5 | 30 | P | 1.08% | 0.42 | 0.45 | 9.49 | 0% | 0.92 | 7.04 | 10 | 1.42 | 0.94 | 0.70 | 9.2 | 0.0 | - | - | - | - | - |
| E5.01B | G-1 | 2.16 | 9.9 | | 9.9 | 30 | P | 1.08% | 0.42 | 0.52 | MAX | 0% | 0.99 | 9.96 | 10 | 1.00 | 0.81 | 1.00 | 9.9 | 0.0 | - | - | - | - | - |
| E.5.01 | G-1 | 2.92 | 16.9 | -8.0 | 8.9 | 30 | P | 1.08% | 0.42 | 0.50 | 12.06 | 0% | 0.97 | 9.13 | 10 | 1.10 | 0.84 | 0.91 | 9.7 | 0.0 | Spill E5.02 | - | - | - | - |
| E5.02 | G-1 | 0.38 | 3.3 | 5.5 | 8.8 | 30 | P | 1.08% | 0.42 | 0.50 | 11.87 | 0% | 0.97 | 9.01 | 10 | 1.11 | 0.85 | 0.90 | 9.7 | 0.0 | Spill E4.03 | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| E6.01 | G-1 | 0.91 | 7.0 | -0.5 | 6.5 | 30 | P | 0.58% | 0.42 | 0.50 | 12.09 | 0% | 0.97 | 6.70 | 10 | 1.49 | 0.84 | 0.67 | 9.7 | 0.0 | Spill E6.04 | - | - | - | - |
| E6.02 | S-2 | 2.04 | 15.5 | | 15.5 | - | P | 3.00% | 0.42 | - | - | 0% | - | - | 4X4 | - | - | - | - | - | - | 50% | 15.5 | 16 | 0.73 |
| E6.03 | G-1 | 0.76 | 5.9 | | 5.9 | 30 | P | 0.58% | 0.42 | 0.48 | 10.98 | 0% | 0.95 | 6.13 | 10 | 1.63 | 0.87 | 0.61 | 9.5 | 0.0 | - | - | - | - | - |
| E6.04 | G-1 | 0.28 | 3.3 | 0.5 | 3.8 | 30 | P | 0.58% | 0.42 | 0.42 | 8.34 | 0% | 0.88 | 4.28 | 10 | 2.34 | 1.01 | 0.43 | 8.8 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| F1.01 | G-1 | 1.33 | 15.5 | | 15.5 | 60 | P | 1.00% | 0.42 | 0.58 | 14.47 | 0% | 1.06 | 14.62 | 15 | 1.03 | 0.73 | 0.97 | 15.9 | 0.0 | - | - | - | - | - |
| F1.02 | G-1 | 1.34 | 15.7 | | 15.7 | 60 | P | 1.00% | 0.42 | 0.58 | 14.53 | 0% | 1.07 | 14.71 | 15 | 1.02 | 0.73 | 0.98 | 16.0 | 0.0 | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| G1.01 | G-1 | 1.20 | 13.9 | | 13.9 | 50 | P | 0.50% | 0.42 | 0.64 | 17.92 | 0% | 1.14 | 12.15 | 15 | 1.23 | 0.66 | 0.81 | 17.1 | 0.0 | - | - | - | - | - |
| G1.02 | G-1 | 1.02 | 11.2 | | 11.2 | 50 | P | 0.50% | 0.42 | 0.59 | 15.42 | 0% | 1.09 | 10.36 | 15 | 1.45 | 0.71 | 0.69 | 16.3 | 0.0 | - | - | - | - | - |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
CITY OF PFLUGERVILLE, TEXAS

## DRAINAGE CALCULATIONS (3 OF 3)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 25 OF 29

Date: Sep 09, 2024, 11:25am User ID: psylvester
File: H:\Projects\506\27\01\215 Preliminary Revision 3\Civil\OD50627-01.dwg

## LEGEND

TREES TO BE REMOVED

TREES TO BE PROTECTED

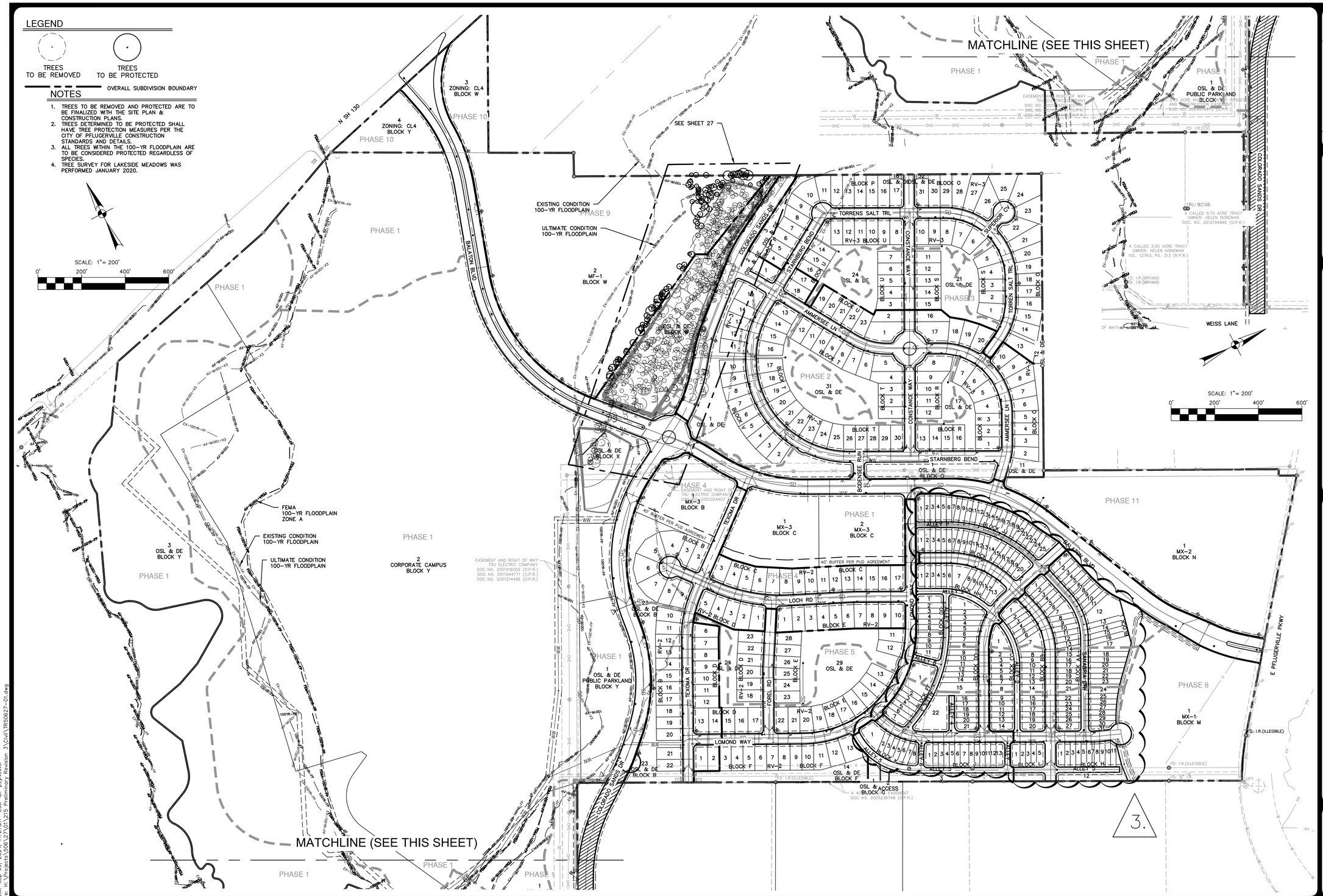
OVERALL SUBDIVISION BOUNDARY

## NOTES

1. TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN & CONSTRUCTION PLANS.
2. TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PFLUGERVILLE CONSTRUCTION STANDARDS AND DETAILS.
3. ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
4. TREE SURVEY FOR LAKESIDE MEADOWS WAS PERFORMED JANUARY 2020.

SCALE: 1"= 200'

0' 200' 400' 600'




| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED
PROFESSIONAL ENGINEER
09/09/2024

PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

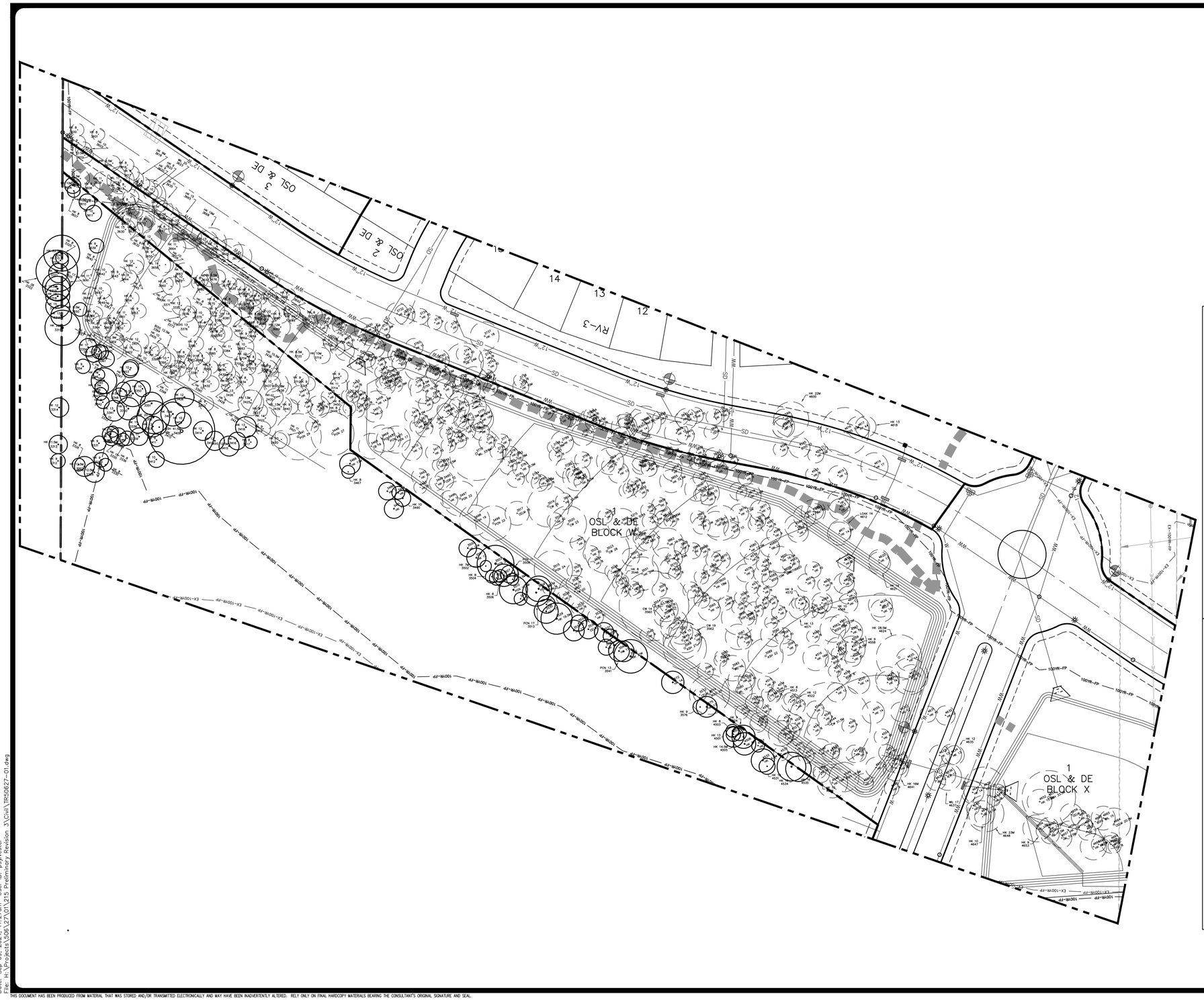
# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

TREE SURVEY (1 OF 2)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 26 OF 29

Date: Sep 09, 2024, 11:27am User ID: psayfreiter
File: H:\Projects\506\27\01\215 Preliminary Revision 3\Civil\TR50627-01.dwg




SCALE: 1"= 60'

0' 60' 120' 180'

## LEGEND

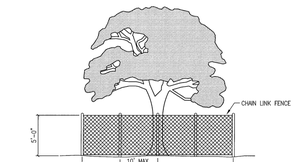
TREES TO BE REMOVED

TREES TO BE PROTECTED

OVERALL SUBDIVISION BOUNDAR

## NOTES

1. TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
2. TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PFLUGERVILLE CONSTRUCTION STANDARDS AND DETAILS.
3. ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
4. TREE SURVEY PERFORMED JANUARY 2020.




NOTES:

1. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING).
2. FENCES SHALL COMPLETELY SURROUND THE TREE, OR CLUSTERS OF TREES. SHALL BE LOCATED AT THE OUTERMOST LIMIT OF THE TREE BRANCHES (DRIPLINE), AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT IN ORDER TO PREVENT THE FOLLOWING:
   A. SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MATERIALS.
   B. ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN SIX INCHES (6") ) CUT OR FILL, OR TRENCHING NOT REVIEWED AND AUTHORIZED BY THE CITY.
   C. WOUNDS TO EXPOSED ROOTS, TRUNKS OR LIMBS BY MECHANICAL EQUIPMENT.
   D. OTHER ACTIVITIES DETRIMENTAL TO TREES, SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING AND FIRE.
3. EXCEPTIONS TO INSTALLING FENCES AT TREE DRIPLINES MAY BE PERMITTED IN THE FOLLOWING CASES:
   A. WHERE PERMEABLE PAVING IS TO BE INSTALLED, ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA.
   B. WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE NO CLOSER THAN SIX FEET (6'-0") TO BUILDING.

| ISSUE DATE: FEBRUARY 2003. | CITY OF PFLUGERVILLE | DWG. #EC-09 |
|---|---|---|
| REVISIONS | | EC09.DWG |
| DATE / APPROVED / DRAWN | TREE PROTECTION – CHAIN LINK FENCE | |
| SCALE: N.T.S. | CONSTRUCTION STANDARDS AND DETAILS | |

NOTE: THIS SECTION IS INTENDED TO ASSIST THOSE PERSONS PREPARING WATER POLLUTION ABATEMENT PLANS (WPAP) OR STORM WATER POLLUTION PREVENTION PLANS (SWPP), THAT COMPLY WITH FEDERAL, STATE AND LOCAL RULES. THESE NOTES ARE GUIDELINES AND SUGGESTED DETAILS AND MAY OR MAY NOT BE GENERALLY INTENDED FOR HEAVY CIVIL PROJECTS IN PUBLIC RIGHTS-OF-WAY OR EASEMENTS.

1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTION FENCING AS SHOWN ON THE PLANS AND AS DESCRIBED IN THE NOTES BELOW. THE DESIGNER OR EXCAVATIONAL CONTRACTOR TO REMOVE EROSION/SEDIMENTATION CONTROLS AT THE COMPLETION OF PROJECT AND GRASS RESTORATION.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN AND WATER POLLUTION ABATEMENT PLAN. DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED BY THE DESIGN ENGINEER TO THE CITY ENGINEER FOR APPROVAL.
3. APPLY GRASS SEED PER TABLE BELOW:

| TIME OF YEAR | SEED TYPE | AMOUNT OF SEED PER 1,000 SF |
|---|---|---|
| OCTOBER – FEBRUARY | UNHULLED BERMUDA OR WINTER RYE | 1 LB<br>3 LBS |
| MARCH – SEPTEMBER | HULLED BERMUDA | 1 LB |

4. ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED IN THE WATER POLLUTION ABATEMENT PLAN.
5. ALL FILL AREAS SHALL BE COMPACTED TO PREVENT FUTURE SOIL SLUMPING. DO NOT TILL OR BROKE THE TOPSOIL, BUT WILL SUFFICIENTLY SCAR THE SOIL TO A DEPTH OF FOUR (4) INCHES.
6. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1-1/2 INCHES HIGH WITH 80% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 10 SQUARE FEET EXIST.
7. A MINIMUM OF FOUR (4) INCHES OF TOPSOIL SHALL BE PLACED IN ALL AREAS DISTURBED BY CONSTRUCTION.
8. THE CONTRACTOR SHALL HYDROMULCH OR SOD (AS SHOWN ON PLANS) ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION.
9. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILDUP WITHIN TREE DRIPLINE.
10. TO AVOID SOIL COMPACTION, CONTRACTOR SHALL NOT ALLOW VEHICULAR TRAFFIC, PARKING, OR STORAGE OF EQUIPMENT OR MATERIALS WITHIN TREE DRIPLINE.
11. WHERE A FENCE IS CLOSER THAN FOUR (4) FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF EIGHT (8) FEET (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE FENCING.
12. TREES SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.
13. ALL FILL MATERIAL SHALL BE CLEAN ENOUGH TO SUPPORT VEGETATION STANDARDS. BACKFILL ROOT AREAS WITH GOOD QUALITY TOPSOIL, AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN TWO DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND PREVENTS SOIL FROM DRYING AND CRACKING.
14. CONTRACTOR SHALL PRUNE VEGETATION TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND EQUIPMENT BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.). ALL FINISHED PRUNING SHALL BE DONE BY PERSONS KNOWLEDGEABLE IN ACCEPTABLE PRUNING PRACTICE (REFERENCE THE "NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES").
15. THE CONTRACTOR SHALL INSPECT THE CONTROLS AT WEEKLY INTERVALS AND AFTER EVERY RAINFALL EXCEEDING 1/4 INCH TO VERIFY THAT THEY HAVE NOT BEEN SIGNIFICANTLY DISTURBED. THE CONTRACTOR SHALL CONDUCT PERIODIC INSPECTIONS OF ALL EROSION/SEDIMENTATION CONTROLS AND MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO ASSURE CONTINUED EFFECTIVE OPERATION OF EACH DEVICE.
16. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, TREE WELL, OR FILL WITHIN THE DRIPLINE OF PROTECTED TREES, OR WITHIN 10 FEET OF PROTECTED TREES, ERECT THE FENCE APPROXIMATELY TWO TO FOUR FEET (2'-4') BEYOND THE AREA IN QUESTION.
17. NO ABOVE AND/OR BELOW GROUND TEMPORARY FUEL STORAGE FACILITIES SHALL BE STORED ON THE PROJECT SITE.
18. IF EROSION AND SEDIMENTATION CONTROL SYSTEMS ARE EXISTING FROM PRIOR CONTRACTS, OWNER'S REPRESENTATIVE AND THE CONTRACTOR SHALL EXAMINE THE EXISTING EROSION AND SEDIMENTATION CONTROL SYSTEMS FOR DAMAGE PRIOR TO CONSTRUCTION. ANY DAMAGE TO PRESERVING EROSION AND SEDIMENTATION CONTROLS NOTED SHALL BE REPAIRED AT OWNER'S EXPENSE.
19. DISPOSAL OF ANY SOIL OR WATER THAT INDICATES PETROLEUM OR OTHER CHEMICAL IS NOT ALLOWED. CONTAMINATED SOIL RESULTING FROM ACCIDENTAL SPILL SHALL BE REMOVED AND DISPOSED OF PROPERLY.

| ISSUE DATE: JANUARY 2013. | CITY OF PFLUGERVILLE | DWG. # EC-014 |
|---|---|---|
| REVISIONS | | EC014LOWG |
| 1/14/13 / DF / AO | EROSION/SEDIMENTATION AND TREE PROTECTION NOTES | |
| DATE / APPROVED / DRAWN | | |
| SCALE: N.T.S. | CONSTRUCTION STANDARDS AND DETAILS | |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024

PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY

CITY OF PFLUGERVILLE, TEXAS

TREE SURVEY (2 OF 2)

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 27 OF 29

Date: Sep 09, 2024, 11:27am User ID: paveacter
File: H:\Projects\506\27\01\25 Preliminary Revision 3\Civil\TR50627-01.dwg

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | | 3312 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3313 | HK | TWIN | 8, 7 | 11.5 |
| Class 1 | | 3314 | HK | SINGLE | 12 | 12 |
| Class 1 | | 3315 | HK | TWIN | 15, 14 | 22 |
| Class 1 | | 3316 | HK | SINGLE | 13 | 13 |
| Class 1 | | 3317 | HK | SINGLE | 15 | 15 |
| Class 1 | | 3318 | HK | SINGLE | 15 | 15 |
| Class 1 | | 3319 | HK | TWIN | 12, 7 | 15.5 |
| Class 1 | | 3320 | HK | TWIN | 12, 11 | 17.5 |
| Class 1 | | 3321 | HK | SINGLE | 12 | 12 |
| Class 1 | | 3322 | HK | SINGLE | 26 | 26 |
| Class 1 | | 3323 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3324 | HK | TWIN | 16, 13 | 22.5 |
| Class 1 | | 3325 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3326 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3327 | HK | TWIN | 9, 7 | 12.5 |
| Class 2 | | 3328 | BOIS | TRIPLE | 7, 6, 5 | 12.5 |
| Class 1 | | 3329 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3330 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3331 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3332 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3333 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3334 | HK | TWIN | 5, 4 | 7 |
| Class 1 | | 3335 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3336 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3337 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3338 | HK | SINGLE | 11 | 11 |
| Class 1 | | 3339 | HK | SINGLE | 11 | 11 |
| Class 1 | | 3340 | HK | SINGLE | 14 | 14 |
| Class 1 | | 3341 | HK | SINGLE | 13 | 13 |
| Class 1 | | 3342 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3343 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3344 | HK | TRIPLE | 5, 5, 2 | 8.5 |
| Class 1 | | 3345 | HK | TRIPLE | 9, 8, 6 | 16 |
| Class 1 | | 3346 | HK | TRIPLE | 4, 4, 2 | 7 |
| Class 1 | | 3347 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3348 | HK | TWIN | 8, 3 | 9.5 |
| Class 1 | | 3349 | HK | TWIN | 12, 9 | 16.5 |
| Class 1 | | 3350 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3351 | HK | SINGLE | 14 | 14 |
| Class 1 | | 3352 | HK | TRIPLE | 13, 12, 3 | 20.5 |
| Class 1 | | 3353 | HK | SINGLE | 13 | 13 |
| Class 1 | | 3354 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3355 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3356 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3357 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3358 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3359 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3360 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3361 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3362 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3363 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3364 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3365 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3366 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3367 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3368 | HK | SINGLE | 9 | 9 |
| Class 2 | X | 3369 | ASH | TWIN | 7, 4 | 9 |
| Class 1 | X | 3370 | HK | TWIN | 12, 3 | 13.5 |
| Class 1 | X | 3371 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3372 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3373 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3374 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3375 | HK | SINGLE | 10 | 10 |
| Class 2 | X | 3376 | BOIS | SINGLE | 13 | 13 |
| Class 1 | X | 3377 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3378 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3379 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3380 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3381 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3382 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3383 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3384 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3385 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3386 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3387 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3388 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3389 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3390 | HK | SINGLE | 10 | 10 |
| Class 2 | X | 3391 | ASH | SINGLE | 13 | 13 |
| Class 1 | X | 3392 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3393 | HK | SINGLE | 8 | 8 |
| Class 2 | X | 3394 | BOIS | TWIN | 9, 7 | 12.5 |
| Class 1 | X | 3395 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3396 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3397 | HK | TWIN | 12, 12 | 18 |
| Class 1 | X | 3398 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3399 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3400 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3401 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3402 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3403 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3404 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3405 | HK | SINGLE | 10 | 10 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | | 3406 | HK | SINGLE | 12 | 12 |
| Class 1 | | 3407 | HK | TWIN | 12, 6 | 15 |
| Class 1 | | 3408 | HK | SINGLE | 10 | 10 |
| Class 4 | | 3409 | ASH | MULTI | 15, 15, 14, 8, 8, 8 | 41.5 |
| Class 1 | | 3410 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3411 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3412 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3413 | HK | SINGLE | 12 | 12 |
| Class 1 | | 3414 | HK | SINGLE | 12 | 12 |
| Class 2 | | 3415 | BOIS | TWIN | 11, 3 | 12.5 |
| Class 1 | | 3416 | HK | SINGLE | 11 | 11 |
| Class 1 | | 3417 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3418 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3419 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3420 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3421 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3422 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3423 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3424 | HK | TWIN | 11, 10 | 16 |
| Class 1 | X | 3425 | HK | TWIN | 11, 4 | 13 |
| Class 1 | X | 3426 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3427 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3428 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3429 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3430 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3431 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3432 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3433 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3434 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3435 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3436 | HK | TWIN | 13, 5 | 15.5 |
| Class 1 | X | 3437 | HK | SINGLE | 10 | 10 |
| Class 2 | X | 3438 | BOIS | TWIN | 6, 4 | 8 |
| Class 1 | X | 3439 | HK | TWIN | 9, 8 | 13 |
| Class 1 | X | 3440 | HK | SINGLE | 9 | 9 |
| Class 5 | X | 3441 | PCN | SINGLE | 29 | 29 |
| Class 1 | X | 3442 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3443 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3444 | HK | SINGLE | 12 | 12 |
| Class 2 | X | 3445 | BOIS | SINGLE | 14 | 14 |
| Class 2 | X | 3446 | BOIS | SINGLE | 8 | 8 |
| Class 1 | X | 3447 | HK | SINGLE | 9 | 9 |
| Class 5 | X | 3448 | PCN | SINGLE | 27 | 27 |
| Class 1 | X | 3449 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3450 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3451 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3452 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3453 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3454 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3455 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3456 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3457 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3458 | HK | TWIN | 10, 9 | 14.5 |
| Class 1 | X | 3459 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3460 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3461 | HK | TWIN | 8, 4 | 10 |
| Class 1 | X | 3462 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3463 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3464 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3465 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3466 | HK | TWIN | 12, 2 | 13 |
| Class 1 | | 3467 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3468 | CB | SINGLE | 16 | 16 |
| Class 2 | X | 3469 | PCN | SINGLE | 17 | 17 |
| Class 2 | X | 3470 | PCN | SINGLE | 15 | 15 |
| Class 2 | X | 3471 | PCN | SINGLE | 17 | 17 |
| Class 1 | X | 3472 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3473 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3474 | HK | TWIN | 7, 4 | 9 |
| Class 1 | X | 3475 | HK | TWIN | 7, 4 | 9 |
| Class 1 | X | 3476 | HK | TWIN | 8, 3 | 9.5 |
| Class 1 | X | 3477 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3478 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3479 | HK | TWIN | 6, 3 | 7.5 |
| Class 1 | X | 3480 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3481 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3482 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3483 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3484 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3485 | HK | TRIPLE | 8, 7, 4 | 13.5 |
| Class 1 | X | 3486 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3487 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3488 | HK | SINGLE | 11 | 11 |
| Class 1 | | 3489 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3490 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3491 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3492 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3493 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3494 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3495 | CDR | SINGLE | 12 | 12 |
| Class 1 | X | 3496 | HK | SINGLE | 11 | 11 |
| Class 3 | X | 3497 | PCN | SINGLE | 22 | 22 |
| Class 3 | X | 3498 | ASH | SINGLE | 19 | 19 |
| Class 3 | X | 3499 | PCN | SINGLE | 22 | 22 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | | 3500 | HK | TWIN | 9, 4 | 11 |
| Class 1 | | 3501 | HK | SINGLE | 12 | 13 |
| Class 1 | | 3502 | HK | TWIN | 5, 4 | 7 |
| Class 3 | | 3503 | PCN | SINGLE | 23 | 23 |
| Class 1 | | 3504 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3505 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3506 | HK | SINGLE | 8 | 8 |
| Class 2 | | 3507 | PCN | SINGLE | 14 | 14 |
| Class 2 | | 3508 | PCN | SINGLE | 11 | 11 |
| Class 1 | | 3509 | HK | TWIN | 6, 3 | 7.5 |
| Class 2 | | 3510 | PCN | TWIN | 12, 11 | 17.5 |
| Class 1 | | 3511 | HK | SINGLE | 8 | 8 |
| Class 2 | | 3512 | PCN | SINGLE | 16 | 16 |
| Class 2 | | 3513 | PCN | SINGLE | 17 | 17 |
| Class 1 | X | 3514 | HK | SINGLE | 8 | 8 |
| Class 3 | X | 3515 | PCN | SINGLE | 24 | 24 |
| Class 1 | X | 3516 | HK | SINGLE | 10 | 10 |
| Class 2 | X | 3517 | CELM | SINGLE | 15 | 15 |
| Class 1 | X | 3518 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3519 | CW | SINGLE | 26 | 26 |
| Class 1 | X | 3520 | CW | SINGLE | 23 | 23 |
| Class 1 | X | 3521 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3522 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3523 | CW | SINGLE | 28 | 28 |
| Class 1 | X | 3524 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3525 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3526 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3527 | CW | SINGLE | 20 | 20 |
| Class 1 | X | 3528 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3529 | HK | TWIN | 13, 13 | 19.5 |
| Class 2 | | 3530 | ASH | SINGLE | 15 | 15 |
| Class 1 | | 3531 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3532 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3533 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3534 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3535 | HK | SINGLE | 13 | 13 |
| Class 2 | | 3536 | CELM | SINGLE | 12 | 12 |
| Class 1 | | 3537 | HK | SINGLE | 12 | 12 |
| Class 1 | | 3538 | HK | SINGLE | 9 | 9 |
| Class 1 | | 3539 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3540 | HK | SINGLE | 13 | 13 |
| Class 2 | | 3541 | PCN | SINGLE | 13 | 13 |
| Class 1 | | 3542 | HK | TWIN | 11, 10 | 16 |
| Class 1 | X | 3543 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3544 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3545 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3546 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3547 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3548 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3549 | CW | SINGLE | 24 | 24 |
| Class 1 | X | 3550 | HK | TWIN | 6, 5 | 8.5 |
| Class 1 | X | 3551 | HK | TWIN | 11, 10 | 16 |
| Class 1 | X | 3552 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3553 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3554 | CW | TWIN | 24, 14 | 31 |
| Class 1 | X | 3555 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3556 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3557 | CW | SINGLE | 15 | 15 |
| Class 1 | X | 3558 | CW | SINGLE | 13 | 13 |
| Class 1 | X | 3559 | CW | SINGLE | 17 | 17 |
| Class 1 | X | 3560 | CW | SINGLE | 14 | 14 |
| Class 1 | X | 3561 | CW | SINGLE | 15 | 15 |
| Class 1 | X | 3562 | CW | SINGLE | 19 | 19 |
| Class 4 | X | 3563 | ASH | SINGLE | 27 | 27 |
| Class 1 | X | 3564 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3565 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3566 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3567 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3568 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3569 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3570 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3571 | HK | SINGLE | 16 | 16 |
| Class 1 | | 3572 | HK | SINGLE | 14 | 14 |
| Class 2 | X | 3573 | CELM | SINGLE | 8 | 8 |
| Class 4 | X | 3574 | BOIS | SINGLE | 25 | 25 |
| Class 1 | | 3575 | HK | SINGLE | 13 | 13 |
| Class 1 | | 3576 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3577 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3578 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3579 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3580 | WL | SINGLE | 19 | 19 |
| Class 1 | X | 3581 | HK | SINGLE | 17 | 17 |
| Class 1 | X | 3582 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3583 | WIL | SINGLE | 16 | 16 |
| Class 1 | X | 3584 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3585 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3586 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3587 | HK | SINGLE | 16 | 16 |
| Class 1 | X | 3588 | HK | SINGLE | 9 | 9 |
| Class 3 | X | 3589 | ASH | SINGLE | 22 | 22 |
| Class 1 | X | 3590 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3591 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3592 | HK | TWIN | 8, 7 | 11.5 |
| Class 1 | X | 3593 | HK | SINGLE | 8 | 9 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | X | 3594 | HK | TWIN | 9, 2 | 10 |
| Class 2 | X | 3595 | BOIS | SINGLE | 9 | 10 |
| Class 2 | X | 3596 | ASH | TWIN | 11, 11 | 16.5 |
| Class 1 | X | 3597 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3598 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3599 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3600 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3601 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3602 | HK | TWIN | 8, 5 | 10.5 |
| Class 1 | X | 3603 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3604 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3605 | HK | TWIN | 8, 7 | 11.5 |
| Class 1 | | 3606 | HK | TWIN | 7, 6 | 10 |
| Class 1 | | 3607 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3608 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3609 | HK | SINGLE | 11 | 11 |
| Class 1 | | 3610 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3611 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3612 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3613 | WIL | SINGLE | 8 | 8 |
| Class 1 | X | 3614 | WIL | SINGLE | 17 | 17 |
| Class 1 | X | 3615 | HK | TWIN | 7, 5 | 9.5 |
| Class 1 | X | 3616 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3617 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3618 | HK | TWIN | 7, 4 | 9 |
| Class 1 | X | 3619 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3620 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3621 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3622 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3623 | WIL | SINGLE | 20 | 20 |
| Class 1 | X | 3624 | WIL | SINGLE | 10 | 10 |
| Class 1 | X | 3625 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3626 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3627 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3628 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3629 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3630 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3631 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3632 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3633 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3634 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3635 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3636 | HK | SINGLE | 16 | 16 |
| Class 1 | X | 3637 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3638 | HK | SINGLE | 10 | 10 |
| Class 1 | | 3639 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3640 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3641 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3642 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3643 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3644 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3645 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3646 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3647 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3648 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3649 | HK | SINGLE | 8 | 8 |
| Class 1 | | 3650 | HK | TWIN | 7, 3 | 8.5 |
| Class 1 | X | 3651 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3652 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3653 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3654 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3655 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3656 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3657 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3658 | WIL | SINGLE | 14 | 14 |
| Class 1 | X | 3659 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3660 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3661 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3662 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3663 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3664 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3665 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 3666 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 3667 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3668 | HK | TWIN | 15, 8 | 19 |
| Class 1 | X | 3669 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3670 | HK | TWIN | 12, 9 | 16.5 |
| Class 1 | X | 3671 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 3672 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3673 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3674 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3675 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3676 | HK | TWIN | 7, 5 | 9.5 |
| Class 1 | X | 3677 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3678 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3679 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3680 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3681 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3682 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3683 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3684 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3685 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3686 | HK | SINGLE | 8 | 8 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | X | 3687 | HK | TWIN | 6, 5 | 8.5 |
| Class 1 | X | 3688 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3689 | HK | TWIN | 8, 8 | 12 |
| Class 1 | X | 3690 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3691 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3692 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3693 | HK | TWIN | 7, 4 | 9 |
| Class 1 | X | 3694 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3695 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3696 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3697 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3698 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3699 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3700 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3701 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3702 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3703 | HK | TWIN | 6,4 | 8 |
| Class 1 | X | 3704 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3705 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3706 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3707 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3708 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3709 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3710 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3711 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3712 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3713 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3714 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3715 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3716 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3717 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3718 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3719 | HK | TWIN | 7, 6 | 10 |
| Class 1 | X | 3720 | HK | TWIN | 6, 5 | 8.5 |
| Class 1 | X | 3721 | CW | SINGLE | 9 | 9 |
| Class 1 | X | 3722 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3723 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3724 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3725 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3726 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3727 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3728 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3729 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3730 | HK | TWIN | 12, 5 | 14.5 |
| Class 1 | X | 3731 | HK | TWIN | 7, 4 | 9 |
| Class 1 | X | 3732 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3733 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3734 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3735 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3736 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3737 | HK | SINGLE | 18 | 18 |
| Class 1 | X | 3738 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3739 | HK | TRIPLE | 6, 4, 4 | 10 |
| Class 1 | X | 3740 | HK | TWIN | 6, 6 | 9 |
| Class 1 | X | 3741 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3742 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3743 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3744 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3745 | HK | MULTI | 9, 9, 8, 8, 5 | 24 |
| Class 1 | X | 3746 | HK | SINGLE | 8 | 9 |
| Class 1 | X | 3747 | HK | TRIPLE | 10, 9, 5 | 17 |
| Class 1 | X | 3748 | HK | QUAD | 8, 7, 7, 5 | 17.5 |
| Class 1 | X | 3749 | HK | TWIN | 7, 5 | 9.5 |
| Class 1 | X | 3750 | HK | SINGLE | 17 | 17 |
| Class 1 | X | 3751 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3752 | HK | QUAD | 7, 4, 3, 2 | 11.5 |
| Class 1 | X | 3753 | HK | MULTI | 5, 5, 3, 3, 3 | 12 |
| Class 1 | X | 3754 | HK | SINGLE | 9 | 10 |
| Class 1 | X | 3755 | HK | TWIN | 13, 7 | 16.5 |
| Class 1 | X | 3756 | HK | TWIN | 7, 5 | 9.5 |
| Class 1 | X | 3757 | HK | TWIN | 6, 4 | 8 |
| Class 2 | X | 3758 | BOIS | TWIN | 10, 6 | 13 |
| Class 2 | X | 3759 | BOIS | SINGLE | 9 | 9 |
| Class 1 | X | 3760 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3761 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3762 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3763 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3764 | HK | SINGLE | 9 | 9 |
| Class 2 | X | 3765 | BOIS | TWIN | 7, 4 | 9 |
| Class 1 | X | 3766 | HK | SINGLE | 10 | 11 |
| Class 1 | X | 3767 | HK | TWIN | 9, 8 | 13 |
| Class 2 | X | 3768 | BOIS | TWIN | 7, 4 | 9 |
| Class 1 | X | 3769 | HK | SINGLE | 8 | 9 |
| Class 1 | X | 3770 | HK | TWIN | 8, 7 | 11.5 |
| Class 1 | X | 3771 | HK | TWIN | 8, 7 | 11.5 |
| Class 1 | X | 3772 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3773 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3774 | HK | TWIN | 14, 4 | 16 |
| Class 1 | X | 3775 | HK | TRIPLE | 12, 6, 4 | 17 |
| Class 1 | X | 3776 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3777 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3778 | WIL | TWIN | 24, 19 | 33.5 |
| Class 1 | X | 3779 | HK | SINGLE | 10 | 11 |
| Class 1 | X | 3780 | HK | TRIPLE | 7, 5, 3 | 11 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | X | 3781 | HK | SINGLE | 10 | 11 |
| Class 1 | X | 3782 | HK | TWIN | 6, 4 | 8 |
| Class 1 | X | 3783 | HK | TWIN | 8, 5 | 10.5 |
| Class 1 | X | 3784 | HK | SINGLE | 8 | 9 |
| Class 1 | X | 3785 | HK | TRIPLE | 8, 3 ,2 | 10.5 |
| Class 1 | X | 3786 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3787 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3788 | HK | TWIN | 7, 2 | 8 |
| Class 1 | X | 3789 | HK | SINGLE | 14 | 15 |
| Class 1 | X | 3790 | HK | TWIN | 7, 6 | 10 |
| Class 1 | X | 3791 | HK | TWIN | 9, 7 | 12.5 |
| Class 1 | X | 3792 | HK | TRIPLE | 5, 4, 3 | 8.5 |
| Class 1 | X | 3793 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3794 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3795 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3796 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3797 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3798 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3799 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3800 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3801 | HK | SINGLE | 17 | 17 |
| Class 1 | X | 3802 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3803 | HK | TWIN | 6, 5 | 8.5 |
| Class 1 | X | 3804 | HK | TWIN | 7, 7 | 10.5 |
| Class 1 | X | 3805 | HK | SINGLE | 9 | 10 |
| Class 1 | X | 3806 | HK | TWIN | 13, 10 | 18 |
| Class 1 | X | 3807 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3808 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3809 | HK | SINGLE | 11 | 11 |
| Class 2 | X | 3810 | ASH | SINGLE | 13 | 13 |
| Class 1 | X | 3811 | HK | TWIN | 7, 6 | 10 |
| Class 1 | X | 3812 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3813 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3814 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3815 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3816 | HK | TWIN | 7, 4 | 9 |
| Class 1 | X | 3817 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3818 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3819 | HK | SINGLE | 17 | 17 |
| Class 1 | X | 3820 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3821 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3822 | HK | SINGLE | 16 | 16 |
| Class 1 | X | 3823 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3824 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3825 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3826 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3827 | HK | TWIN | 18, 5 | 20.5 |
| Class 1 | X | 3828 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3829 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 3830 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3831 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 3832 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3833 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3834 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3835 | HK | TWIN | 6, 5 | 8.5 |
| Class 1 | X | 3836 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3837 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3838 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3839 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3840 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3841 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3842 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3843 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3844 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3845 | HK | SINGLE | 9 | 9 |
| Class 2 | X | 3846 | CELM | SINGLE | 9 | 9 |
| Class 1 | X | 3847 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3848 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 3849 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3850 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 3851 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3852 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 3853 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3854 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 3855 | HK | TRIPLE | 9, 6, 5 | 14.5 |
| Class 1 | X | 3856 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3857 | HK | SINGLE | 12 | 12 |
| Class 2 | X | 3858 | BOIS | TWIN | 9, 5 | 11.5 |
| Class 1 | X | 3859 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3860 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3861 | HK | TWIN | 8, 6 | 11 |
| Class 1 | X | 3862 | HK | QUAD | 10, 8, 7, 4 | 19.5 |
| Class 1 | X | 3863 | HK | SINGLE | 9 | 10 |
| Class 1 | X | 3864 | HK | TWIN | 8, 4 | 10 |
| Class 1 | X | 3865 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3866 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3867 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3868 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 3869 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 3870 | HK | SINGLE | 12 | 12 |
| Class 3 | X | 3871 | BOIS | TWIN | 17, 10 | 22 |
| Class 2 | X | 3872 | BOIS | SINGLE | 10 | 10 |
| Class 1 | X | 3873 | HK | SINGLE | 16 | 16 |
| Class 1 | X | 3874 | HK | TWIN | 9, 5 | 11.5 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | X | 3875 | HK | SINGLE | 9 | 10 |
| Class 1 | X | 3876 | HK | TWIN | 9, 2 | 10 |
| Class 1 | X | 3877 | HK | SINGLE | 13 | 14 |
| Class 1 | X | 3878 | HK | TWIN | 11, 9 | 15.5 |
| Class 1 | X | 3879 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 3880 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 3881 | HK | SINGLE | 9 | 9 |
| Class 1 | | 4501 | HK | SINGLE | 13 | 13 |
| Class 1 | | 4502 | HK | SINGLE | 9 | 9 |
| Class 1 | | 4503 | HK | SINGLE | 8 | 8 |
| Class 1 | | 4504 | HK | SINGLE | 9 | 9 |
| Class 1 | | 4505 | HK | TWIN | 10, 9 | 14.5 |
| Class 1 | | 4506 | HK | SINGLE | 14 | 14 |
| Class 1 | | 4507 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4508 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4509 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4510 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4511 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4512 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4513 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4514 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4515 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4516 | HK | TRIPLE | 8, 8, 8 | 16 |
| Class 1 | X | 4517 | HK | SINGLE | 8 | 8 |
| Class 2 | X | 4518 | BOIS | SINGLE | 8 | 8 |
| Class 1 | X | 4519 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4520 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4521 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4522 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4523 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4524 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4525 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4526 | HK | SINGLE | 16 | 16 |
| Class 1 | X | 4527 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4528 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4529 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4530 | HK | SINGLE | 10 | 10 |
| Class 1 | | 4531 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4532 | HK | SINGLE | 9 | 9 |
| Class 1 | | 4533 | HK | TWIN | 10, 9 | 14.5 |
| Class 1 | | 4534 | HK | SINGLE | 18 | 18 |
| Class 1 | | 4535 | HK | SINGLE | 16 | 16 |
| Class 1 | X | 4536 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4537 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4538 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4539 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4540 | HK | SINGLE | 18 | 18 |
| Class 1 | X | 4541 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4542 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4543 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4544 | CW | TWIN | 43, 17 | 51.5 |
| Class 1 | X | 4545 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4546 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4547 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4548 | HK | TWIN | 14, 10 | 19 |
| Class 3 | X | 4549 | BOIS | TWIN | 15, 7 | 18.5 |
| Class 1 | X | 4550 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4551 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4552 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4553 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4554 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4555 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4556 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4557 | HK | TWIN | 13, 7 | 16.5 |
| Class 1 | X | 4558 | HK | SINGLE | 9 | 10 |
| Class 1 | X | 4559 | HK | TRIPLE | 13, 5, 5 | 18 |
| Class 1 | X | 4560 | HK | SINGLE | 14 | 15 |
| Class 1 | X | 4561 | HK | TWIN | 11, 3 | 12.5 |
| Class 2 | X | 4562 | BOIS | TRIPLE | 13, 3, 3 | 16 |
| Class 1 | X | 4563 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4564 | HK | SINGLE | 8 | 8 |
| Class 2 | X | 4565 | BOIS | SINGLE | 8 | 8 |
| Class 1 | X | 4566 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4567 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4568 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4569 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4570 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4571 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4572 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4573 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4574 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4575 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4576 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4577 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4578 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4579 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4580 | HK | TWIN | 9, 7 | 12.5 |
| Class 1 | X | 4581 | HK | SINGLE | 8 | 9 |
| Class 2 | X | 4582 | BOIS | TRIPLE | 8, 2, 2 | 10 |
| Class 1 | X | 4583 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4584 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4585 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4586 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4587 | HK | SINGLE | 8 | 8 |

TREE LIST

| Class | Proposed Removal (X) | TAG # | TYPE | CHARACTERISTICS | DIAMETER (IN) | SIZE |
|---|---|---|---|---|---|---|
| Class 1 | X | 4588 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4589 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4590 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4591 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 4592 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4593 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4594 | HK | TWIN | 8, 4 | 10 |
| Class 2 | X | 4595 | BOIS | SINGLE | 13 | 13 |
| Class 1 | X | 4596 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4597 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4598 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4599 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4600 | HK | TWIN | 15, 14 | 22 |
| Class 1 | X | 4601 | HK | TWIN | 11, 11 | 16.5 |
| Class 1 | X | 4602 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4603 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4604 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4605 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4606 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4607 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4608 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4609 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4610 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4611 | HK | TWIN | 13, 3 | 14.5 |
| Class 2 | X | 4612 | LOAK | SINGLE | 14 | 14 |
| Class 1 | X | 4613 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4615 | HK | SINGLE | 12 | 12 |
| Class 4 | X | 4616 | BOIS | TRIPLE | 18, 14, 10 | 30 |
| Class 1 | X | 4617 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4618 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4619 | HK | SINGLE | 17 | 17 |
| Class 1 | X | 4620 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4621 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4622 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 4623 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4624 | HK | TRIPLE | 18, 13, 8 | 28.5 |
| Class 1 | X | 4625 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4626 | HK | SINGLE | 23 | 23 |
| Class 1 | X | 4627 | HK | SINGLE | 17 | 17 |
| Class 1 | X | 4628 | HK | SINGLE | 15 | 15 |
| Class 1 | X | 4629 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4630 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4631 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4632 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4633 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4634 | HK | SINGLE | 13 | 13 |
| Class 1 | X | 4635 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4636 | CW | SINGLE | 12 | 12 |
| Class 1 | X | 4637 | WIL | SINGLE | 17 | 17 |
| Class 1 | X | 4638 | HK | SINGLE | 12 | 12 |
| Class 4 | X | 4639 | ASH | SINGLE | 26 | 26 |
| Class 1 | X | 4640 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4641 | HK | TRIPLE | 9, 8, 6 | 16 |
| Class 1 | X | 4642 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4643 | HK | SINGLE | 12 | 12 |
| Class 1 | X | 4644 | HK | SINGLE | 14 | 14 |
| Class 1 | X | 4645 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4646 | HK | TWIN | 11, 11 | 16.5 |
| Class 1 | X | 4647 | HK | SINGLE | 10 | 11 |
| Class 1 | X | 4648 | HK | TRIPLE | 14, 10, 8 | 23 |
| Class 1 | X | 4649 | HK | SINGLE | 8 | 8 |
| Class 1 | X | 4650 | HK | SINGLE | 10 | 10 |
| Class 4 | X | 4651 | ASH | TRIPLE | 19, 15, 14 | 33.5 |
| Class 1 | X | 4652 | HK | QUAD | 8, 7, 4, 4 | 15.5 |
| Class 1 | X | 4653 | HK | SINGLE | 9 | 10 |
| Class 1 | X | 4654 | HK | TRIPLE | 9, 9, 7 | 17 |
| Class 1 | X | 4655 | HK | TWIN | 10, 5 | 12.5 |
| Class 1 | X | 4656 | HK | TWIN | 9, 5 | 11.5 |
| Class 1 | X | 4657 | HK | TWIN | 9, 7 | 12.5 |
| Class 1 | X | 4658 | HK | TWIN | 9, 4 | 11 |
| Class 2 | X | 4659 | CELM | SINGLE | 14 | 14 |
| Class 1 | X | 4660 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4661 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4662 | HK | SINGLE | 11 | 11 |
| Class 2 | X | 4663 | BOIS | SINGLE | 9 | 9 |
| Class 3 | X | 4664 | CELM | TRIPLE | 14, 8, 5 | 19.5 |
| Class 1 | X | 4665 | WIL | SINGLE | 15 | 15 |
| Class 1 | X | 4666 | HK | TRIPLE | 10, 9, 4 | 16.5 |
| Class 1 | X | 4667 | HK | SINGLE | 9 | 9 |
| Class 1 | X | 4668 | HK | SINGLE | 11 | 11 |
| Class 1 | X | 4669 | HK | SINGLE | 10 | 10 |
| Class 1 | X | 4670 | HK | SINGLE | 8 | 8 |

## NOTES

1. TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
2. TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PFLUGERVILLE CONSTRUCTION STANDARDS AND DETAILS.
3. ALL TREES WITHIN THE 100–YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
4. TREE SURVEY PERFORMED JANUARY 2020.

## LEGEND

| | |
|---|---|
| ASH | ASH |
| BOIS | BOIS D'ARC |
| CB | CHINABERRY |
| CDR | CEDAR |
| CELM | CEDAR ELM |
| CW | COTTONWOOD |
| HK | HACKBERRY |
| LOAK | LIVE OAK |
| PCN | PECAN |
| WIL | WILLOW |

## MITIGATION

| | |
|---|---|
| PRELIMINARY MITIGATION (IN)* | 1211.25 |
| PRELIMINARY CREDIT (IN)* | 172.75 |
| TOTAL MITIGATION (IN) | 1038.5 |

*TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE AND CONSTRUCTION PLANS.

| Tree Class | Mitigation Ratio |
|---|---|
| Class 1 | N/A |
| Class 2 | 1:1 |
| Class 3 | 2:1 |
| Class 4 | 2.5:1 |
| Class 5 | 3:1 |

| Tree Class | Credit Ratio |
|---|---|
| Class 1 | N/A |
| Class 2 | 1:1 |
| Class 3 | 2:1 |
| Class 4 | 2:1 |
| Class 5 | N/A |

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE–SIMPLE | 8/5/24 |

DUSTIN J. GOSS
91805
09/09/2024
Goss

**PAPE-DAWSON ENGINEERS**
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

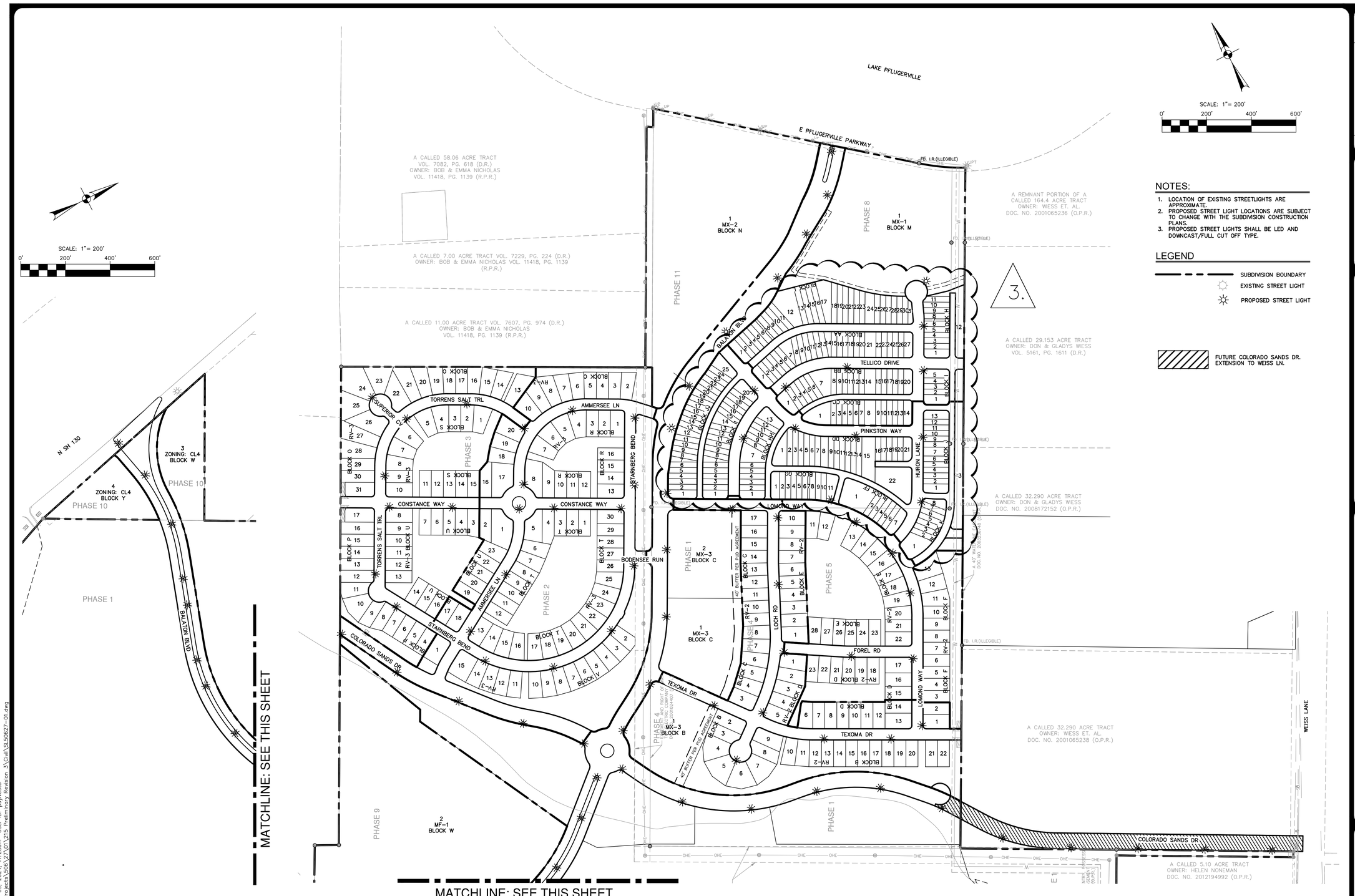
# LAKESIDE MEADOWS PRELIMINARY
CITY OF PFLUGERVILLE, TEXAS

## TREE TABLES

CITY JOB No.
JOB NO. 50627–01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 28 OF 29

PP2002-01

Date: Sep 09, 2024, 11:26am User ID: psylvester
File: H:\Projects\506\27\01\215 Preliminary Revision 3\Civil\TR50627-01.dwg




## NOTES:

1. LOCATION OF EXISTING STREETLIGHTS ARE APPROXIMATE.
2. PROPOSED STREET LIGHT LOCATIONS ARE SUBJECT TO CHANGE WITH THE SUBDIVISION CONSTRUCTION PLANS.
3. PROPOSED STREET LIGHTS SHALL BE LED AND DOWNCAST/FULL CUT OFF TYPE.

## LEGEND

- SUBDIVISION BOUNDARY
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- FUTURE COLORADO SANDS DR. EXTENSION TO WEISS LN.

| NO. | REVISION | DATE |
|---|---|---|
| 3. | REVISED PHASE 6 & 7 TO FEE-SIMPLE | 8/5/24 |

STATE OF TEXAS
DUSTIN J. GOSS
91805
LICENSED PROFESSIONAL ENGINEER
09/09/2024

**PAPE-DAWSON ENGINEERS**
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

# LAKESIDE MEADOWS PRELIMINARY
CITY OF PFLUGERVILLE, TEXAS

STREET LIGHT LAYOUT

CITY JOB No.
JOB NO. 50627-01
DATE JUNE 2024
DESIGNER TCK
CHECKED PS DRAWN
SHEET 29 OF 29

Date: Sep 09, 2024, 11:28am User ID: psylvester
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PP2002-01