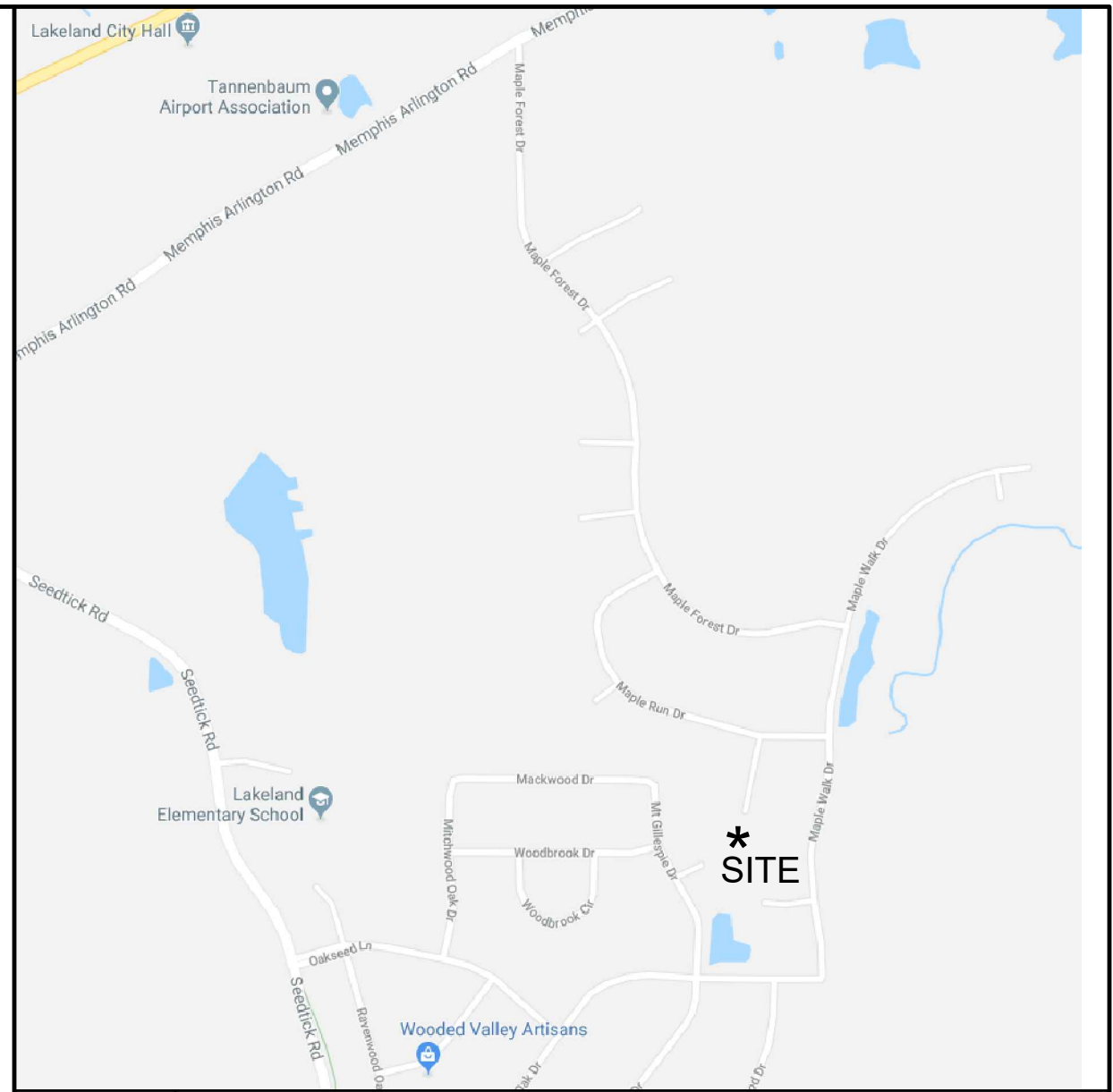


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A5
NTS
VICINITY MAP

- KEYNOTES**
- GRADE AROUND PROPOSED INLET TO PROVIDE POSITIVE DRAINAGE.
 - CONTRACTOR TO EXERCISE CARE AROUND EXISTING TREES. HAND TRENCH AROUND ROOTS AND CUT ALL ROOTS WITH A SHARP AXE.
 - CONTRACTOR TO REMOVE AND REPLACE ONE SECTION OF FENCING TO INSTALL PIPE. THE FENCING SHALL BE REPLACED AS QUICKLY AS POSSIBLE.
 - EXISTING 3X3 INLET TO BE REBUILT AND LOWERED TO ACCOMMODATE A 3070 INLET RIM AND GRATE. THE TOP OF SLAB SHALL BE APPROXIMATELY THE SAME HEIGHT AS THE EXISTING OPENING OF THE 3X3 INLET.
 - THE EXISTING 3' HIGH FENCE AROUND THE INLET TO BE REMOVED AND REPLACED AFTER INLET IS MODIFIED.

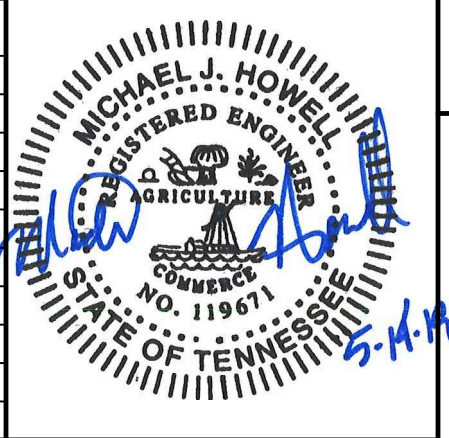
DRAIN STRUCTURE TABLE

NO.	TYPE	D.A. ac.	Q cfs	TC/RIM ELEV.	FL IN:	FL OUT	DETAIL NO.	NORTHING	EASTING
D87	EX 3x3 INLET	0.45	1.77	331.00	15" 326.50	EX18" 325.18	C1/C4.0	356569.19	857374.37
1	3x3 INLET	1.52	6.12	332.10		15" 328.50	C2/C4.1	356647.13	857404.02
2	TYPE E HW	-----	0.00	306.90	18" 304.69		B1/C4.1	355094.86	858037.83
3	3x3 INLET	1.96	3.86	309.00	15" 305.75	18" 305.50	C2/C4.1	355255.12	858017.40
4	NO.12 INLET	0.16	1.03	308.74		15" 306.00	D1/C4.0	355304.45	858027.93

DRAIN PIPE TABLE

FROM	INVERT ELEV.	TO	INVERT ELEV.	SIZE	TYPE	LENGTH FT.	SLOPE %	D.A. ac.	Q cfs	CAP. cfs	VEL. fps
1	328.50	D87	326.50	15"	RCP	83.4	2.40%	1.97	6.120	10.03	6.48
3	305.50	2	304.69	18"	RCP	161.6	0.50%	2.12	4.890	7.45	4.73
4	306.00	3	305.75	15"	RCP	50.4	0.50%	0.16	1.030	4.59	3.97

REVISION		
ITEM NO.	DESCRIPTION OF CHANGE	APPROVAL DATE



SHEET 3 OF 8
 DIVISION OF ENGINEERING
LAYOUT PLAN
 LOCATION: 10179 MAPLE RUN DRIVE AND 10201 CEDAR ELM DRIVE
 SURVEY: MLS DATE: 03/18/19 BOOK: _____
 DRAWN BY: A2H DATE: 05/08/19 SCALE: AS NOTED
 DESIGN BY: A2H DATE: 05/08/19 PROJECT: 18390
 REVIEWED BY: _____
 CITY ENGINEER _____ DATE _____

THE GROVE AT LAKELAND
 STORM DRAINAGE ADDITIONS
 ENGINEER: A2H, INC.



D1
 1"=20'
LAYOUT PLAN - COS F MAPLE GLEN COURT
 GRAPHIC SCALE: 1" = 20'
 NORTH