

PRELIMINARY PLAN ONLY - NOT FOR RECORDATION

ISLAMIC CENTER OF PFLUGERVILLE

916, 920 W PFLUGERVILLE PKWY, TX 78660

OWNER
ISLAMIC CENTER OF PFLUGERVILLE
CONTACT: FAHEM ALTAF
509 STEVENAGE DRIVE
PFLUGERVILLE, TX 78660

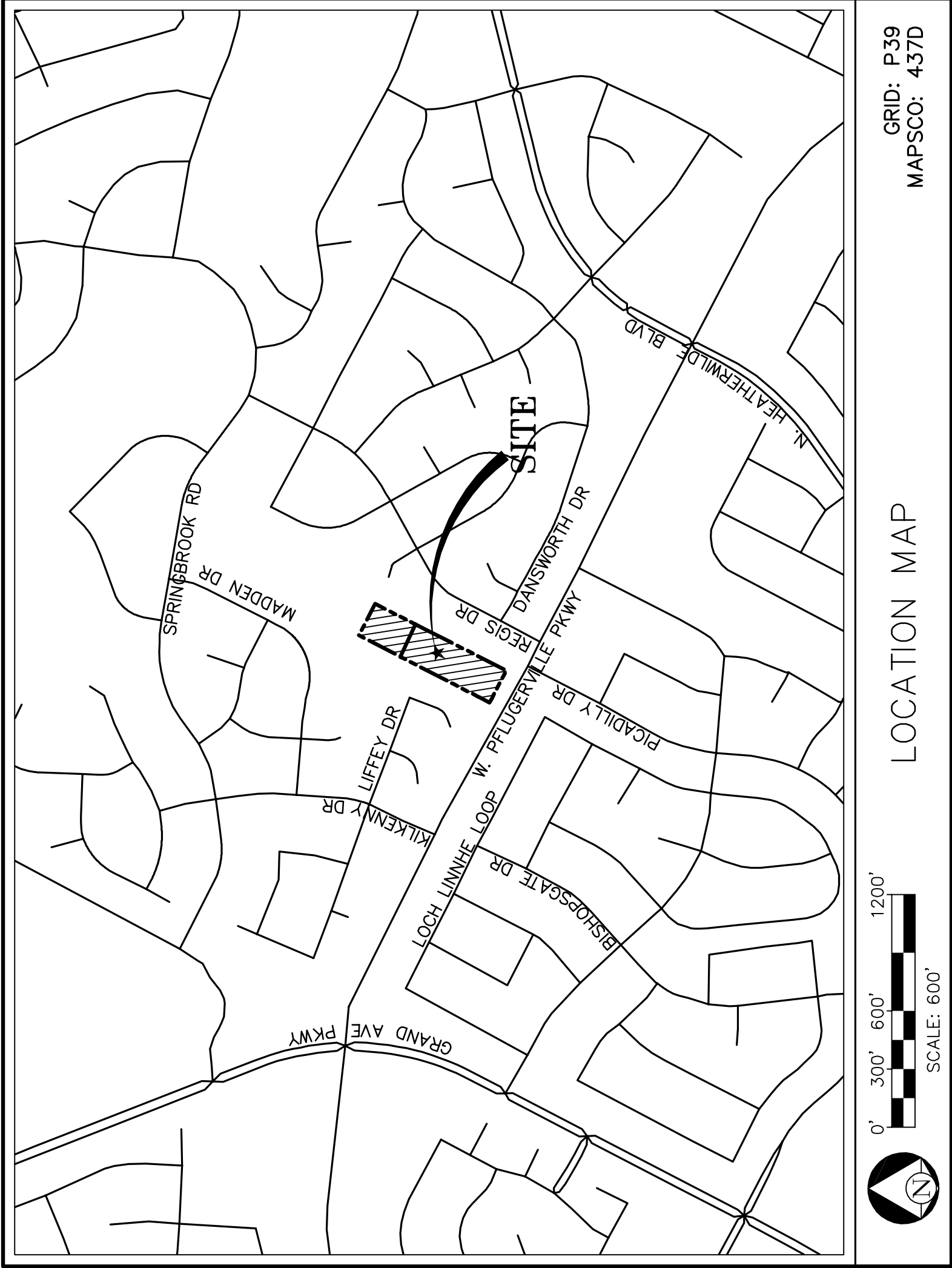
DESIGN TEAM
CIVIL ENGINEERING
CIVILITUDE LLC
1210 ROSEWOOD AVE
(512) 761-6161

SURVEY
SURVEYOR: EDWARD W. BRADFIELD
SNS ENGINEERING INC
12885 US HWY 183 NORTH, SUITE 101-B
AUSTIN, TEXAS 78750

LEGAL DESCRIPTION
ABS 789 SUR 70 VAN WINKLE J ACR 3.221

PROJECT DESCRIPTION
ZONING DISTRICT: NS (NEIGHBORHOOD SERVICE)
WATERSHED : GILLENDALE CREEK WATERSHED.

SUBMITTAL DATE: APRIL 11, 2017



SHEET INDEX

SHEET	TITLE
1.	COVER SHEET
2.	EXISTING CONDITIONS
3.	PRELIMINARY PLAN
4.	UTILITY PLAN
5.	HYDRAULIC MODEL & CALCULATIONS

GENERAL PLAN NOTES

1. 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.
2. NO PORTION OF THIS TRACT IS WITHIN THE BOUNDARIES OF THE 100-YEAR FLOOD PLAIN AS INDICATED ON THE FEDERAL FLOOD INSURANCE ADMINISTRATION, FIRM PANEL NO. 48453C0280J, DATE AUGUST 18, 2014, FOR TRAVIS COUNTY, TEXAS

UTILITY PROVIDERS:
WATER & WASTEWATER: CITY OF PFLUGERVILLE
ELECTRIC: TXU ENERGY

LOTS SUMMARY			
BLOCK NUMBER	LOT NUMBER	AREA (SF/AC)	LAND USE
A	1	138,303 / 3.175	RELIGION ASSEMBLY

NUMBER	DESCRIPTION	REVISE (R) DELETE (D) ADD (A) SHEET No'S	TOTAL SHEETS	NET CHANGE IC (SF)	TOTAL SITE IC (SF/%)	APPROVAL DATE	DATE IMAGED

SUBMITTED BY



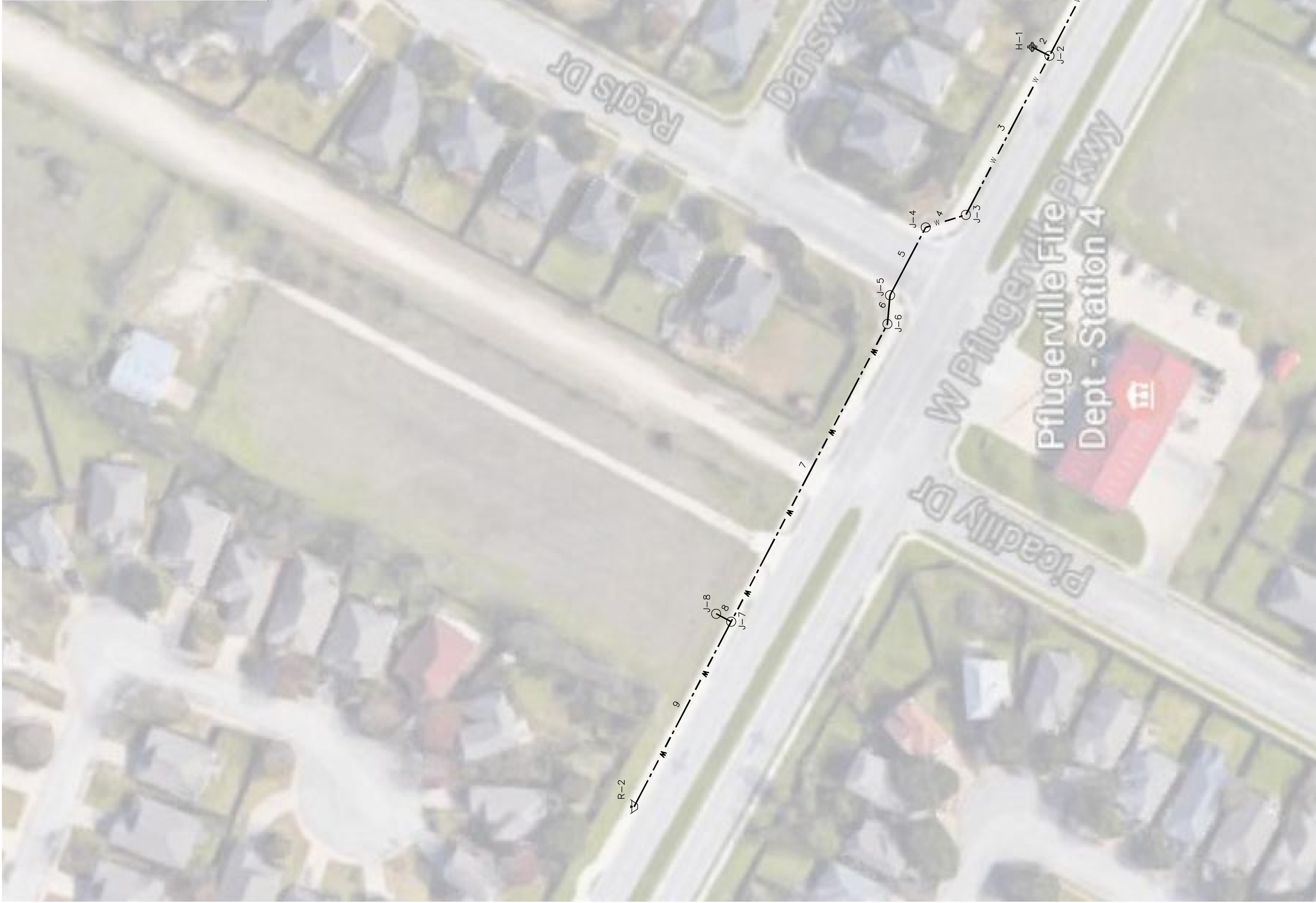
FIRM REG# F-12469 1210 ROSEWOOD AVE, AUSTIN, TX 78702
PHONE 512 761 6161 FAX 512 761 6167 INFO@CIVILITUDE.COM

05/22/2017

FAYEZ S. KAZI, PE #96489

SURVEY

BUILDING TYPE	LUE FACTOR	TYPE	GROSS BUILDING AREA (S.F.)	LUE	WATER			WASTEWATER			PEAK WET WEATHER FLOW GPM	
					AVERAGE DAILY DEMAND	PEAK DAILY DEMAND		AVERAGE WASTEWATER FLOW	PEAK DRY WEATHER FLOW GPM	INFLOW & INFILTRATION		
						GPD	GPM					GPD
ASSEMBLY HALL	200	/SQFT	2576	12.88	9,016	6.26	16.59	28.18	3,156	2.19	9.47	
MEETING ROOMS	350	/SQFT	320	0.44	640	0.44	1.18	2.00	224	0.16	0.69	
KITCHEN	200	/SQFT	170	0.85	595	0.41	1.09	1.86	208	0.14	0.64	
ADMIN SERVICES	3,000	/SQFT	145	0.05	34	0.02	0.06	0.11	12	0.01	0.04	
SHOPPING CENTER	3,000	/SQFT	8,000	2.67	1,867	1.30	3.44	5.83	653	0.45	2.00	
SUBTOTAL			11,211	17.36	12,152	8.44	22.36	37.97	4,253	2.95	12.85	14.58



PIPES												
Label	Length (Scaled) (ft)	Start Node	Stop Node	Diameter (in)	Material	Hazen-Williams C	Minor Loss Coefficient (Local)	Flow (gpm)	Velocity (ft/s)	Headloss Gradient (ft/ft)	Has User Defined Length?	Length (User Defined) (ft)
1	332	J-2	R-3	16	PVC	150	0	2656	4.24	0.003	FALSE	0
2	12	H-1	J-2	6	PVC	150	0	-1500	17.02	0.121	FALSE	0
3	116	J-3	J-2	16	PVC	150	0	4156	6.63	0.007	FALSE	0
4	27	J-3	J-4	16	PVC	150	0.2	-4156	6.63	0.012	FALSE	0
5	49	J-4	J-5	16	PVC	150	0.1	-4156	6.63	0.008	FALSE	0
6	18	J-5	J-9	16	PVC	150	0.1	-4156	6.63	0.01	FALSE	0
7	216	J-9	J-7	16	PVC	150	0	-4156	6.63	0.007	FALSE	0
8	11	J-7	J-8	6	PVC	150	0	0	0	0	FALSE	0
9	134	J-7	R-2	16	PVC	150	0	-4156	6.63	0.007	FALSE	0

FIRE HYDRANT					
Label	Lateral Length (ft)	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
H-1	20	796	1500	963.97	73

JUNCTIONS				
Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	796	0	965.47	73
J-3	797.7	0	966.24	73
J-4	795.05	0	966.56	74
J-5	797	0	966.96	74
J-7	796	0	968.6	75
J-8	797	0	968.6	74
J-9	797	0	967.15	74

[illegible]