

CALCULATED BY: Nate Ongala, EIT

DATE: 08/17/20
REV:

PROJECT: 9520 Penn Ave

STORM FREQ: 10 YEAR
SHEET 1 OF 1TYPE OF PIPE: HDPE (per 0.010)
TYPE OF PIPE: RCP (per 0.013)

LINE NO.	STRUCTURE FROM	TO	LENGTH	A (SF) INCRET	A (AC) INCRET	CA INCRET	CA TOTAL	COEFF	TIME OF FLOW			INTEN ITY	RUNOFF Q (cfs)	SLOPE	SIZE	CAPACITY Q (cfs)	VELOCITY FULL	ACTUAL	DEPTH OF FLOW	RIM	INV. UPPER	DROP	INV. LOWER	DROP THRU STRUCT	STRUCT DEPTH	PIPE COVER	DEPTH RATIO	VELOCITY RATIO	10 YEAR	IS CAPACITY > RUNOFF
									T.O.C.	T.O.F.	T																			
1	CBT-3	BASIN	0	2399	0.55	0.50	0.50	0.5	10.00	3.00	10.00	1.80	2.87	0.0200	12	5.01	0.38	1.73	0.53	829.15	823.15	0.15	821.00	3.30	3.00	1.38	0.53	1.03	1.90	YES
2	CBT-4	BASIN	15	1580	0.30	0.30	0.33	0.9	10.00	3.00	10.00	1.80	1.88	0.0200	12	5.01	0.38	1.90	0.42	825.95	822.95	0.30	822.55	3.30	3.00	1.38	0.42	0.93	1.90	YES