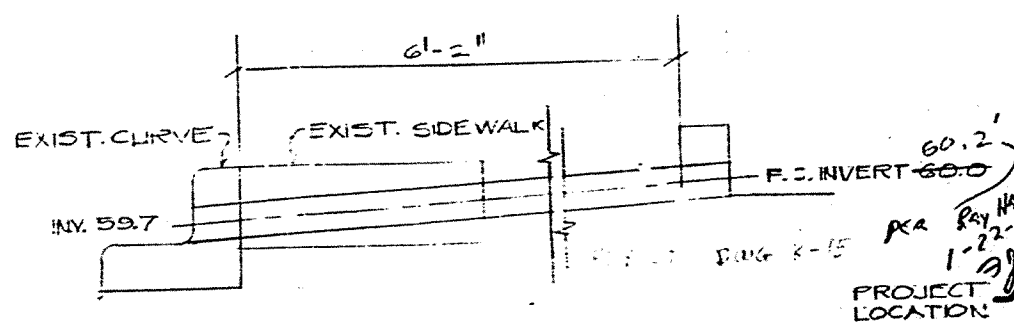
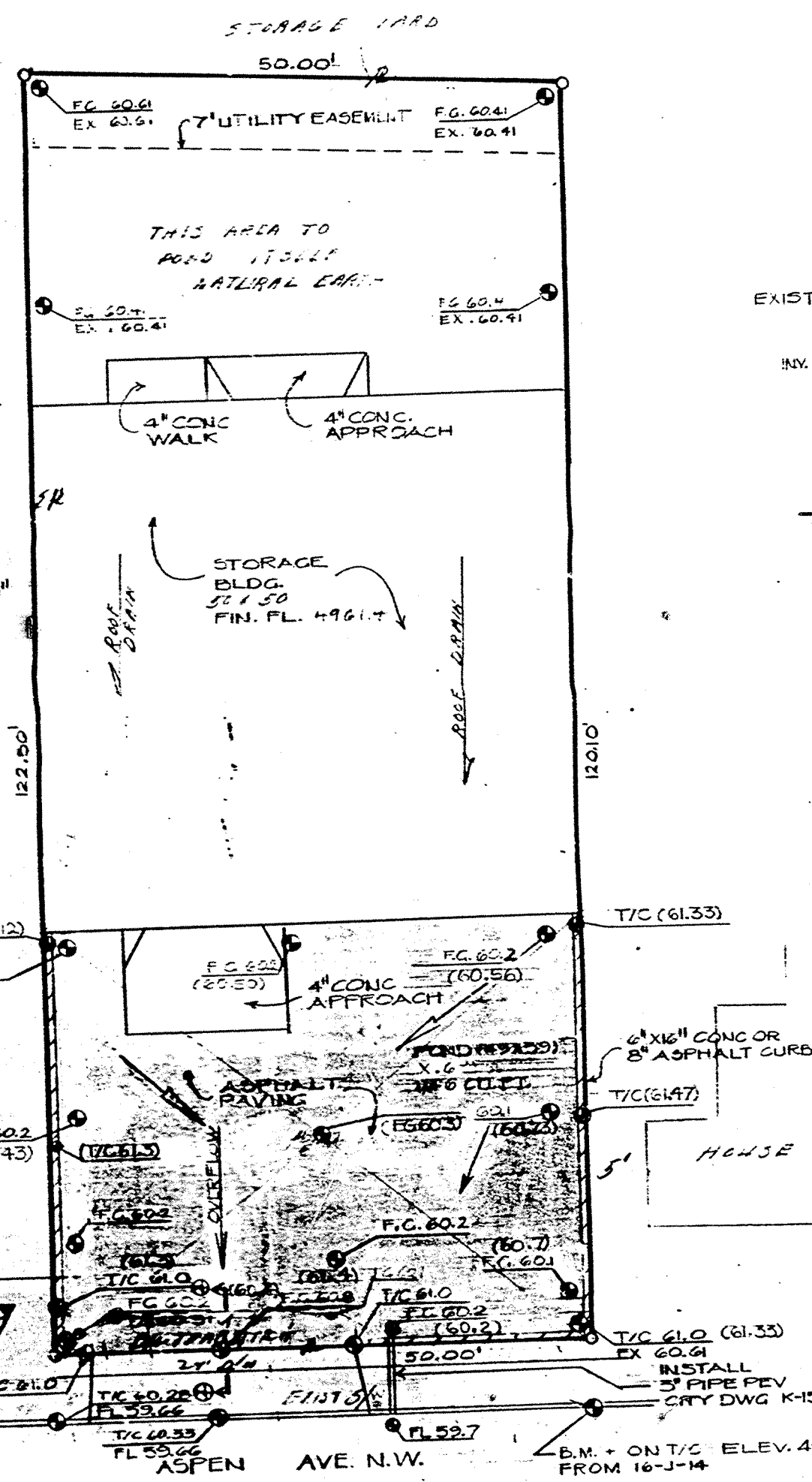
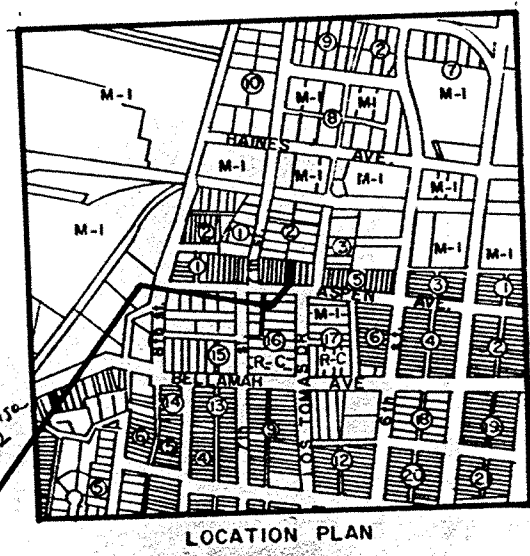


Positive Discharge to Storm Sewer - Harry Wade Office

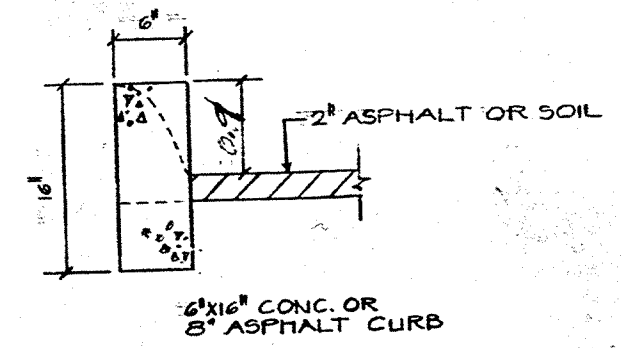
DRAINAGE CALCULATIONS: Ref: "Handbook of Hydraulics", King & Braker
Q₅₀ Undeveloped = 6065 X 5.13 X .423600 = 13,450 CFS
Q₅₀ Developed = 4500 X 5.13 X .423600 = 9,800 CFS
Q₅₀ Required = 13,450 + 9,800 = 23,250 CFS
Ponding Required, P₅₀ = 1.8 - 1000 Cu Ft.
Lot size 6065 Sq. Ft. = 360 Sq. Ft. X .8 = 1140 Cu Ft.
Ponding: 39' X 49' = 1911 Sq. Ft. X .8 = 1529 Cu Ft.
Over flow design Q₅₀ = 23,250 CFS
9.00 X 50 X 5.13 X .423600 = 10,000 CFS
Capacity 8599' = 2.56 Table 5-5 H = 2.1' = 23"



Pipe Detail
SCALE 1"=1'-0"



LOCATION PLAN
PLANNING ACTION NONE
ZONING IS PROPER M-1



Section 4
SCALE 1"=1'-0"

Section & Driveway 3
1

	DRAWN BY: RDZ	STORAGE BUILDING
	CHECKED BY: RLH	FOR
	REVISIONS: REL 6/15/81	THE STATKUS BROTHES
	REV 8/14/81	
	REV 9/9/81	DRAINAGE PLAN
	AS BUILT ELEV. ()	
	1/15/82	RAY HARRISON & ASSOCIATES

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