HYDROLOGY K17/D21 3 PLANS

K17/D21

3 Plans

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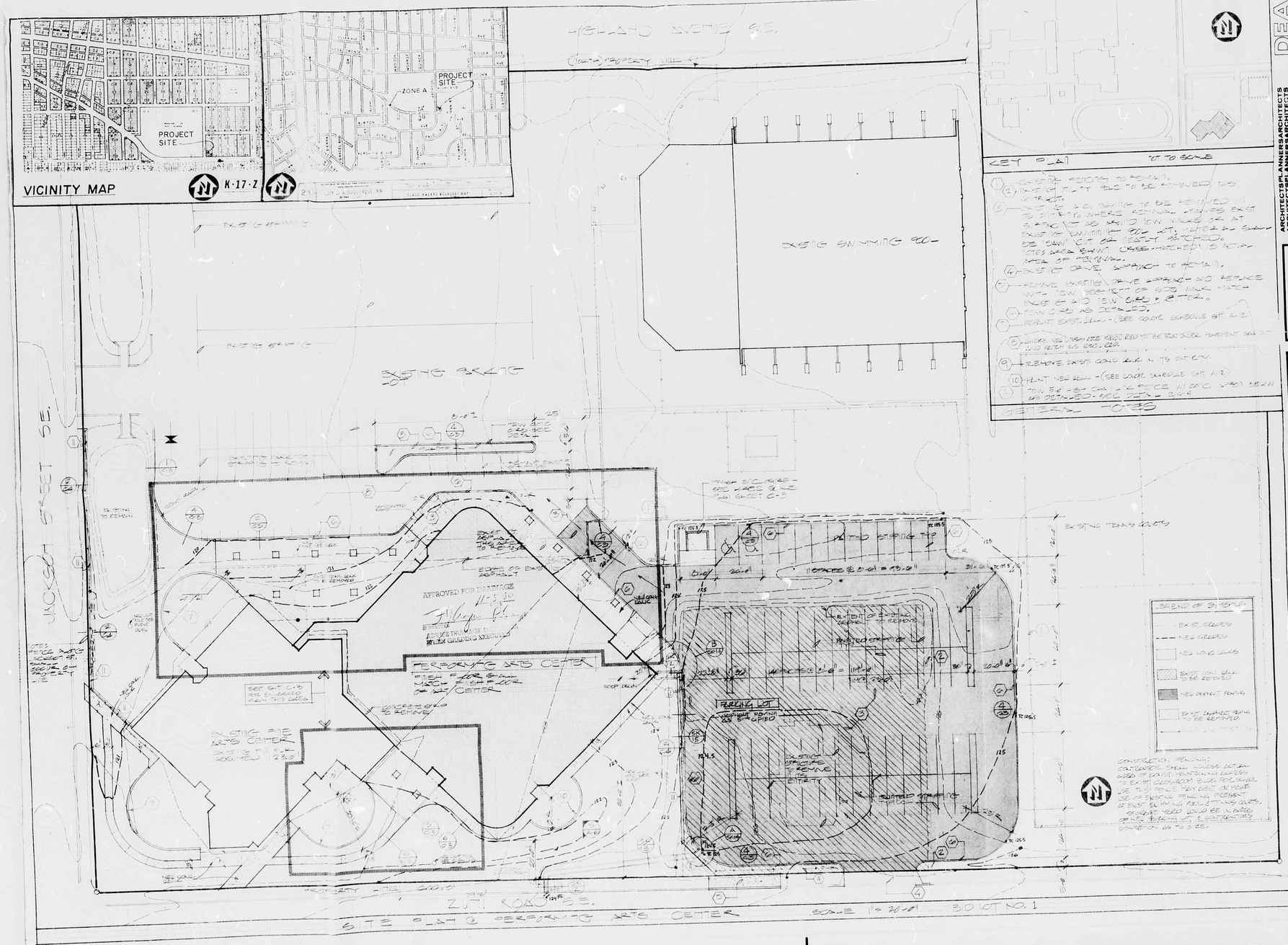

THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

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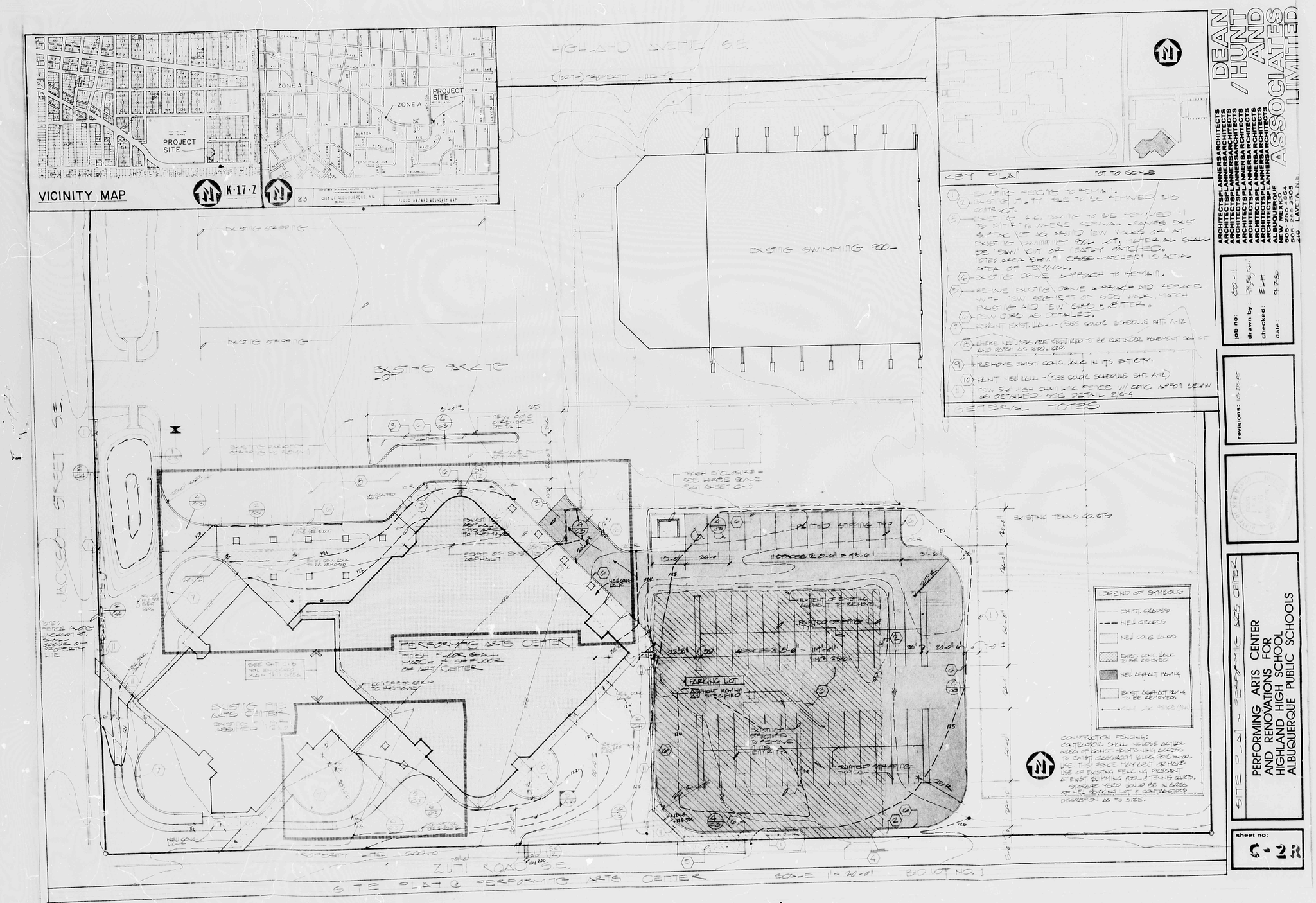

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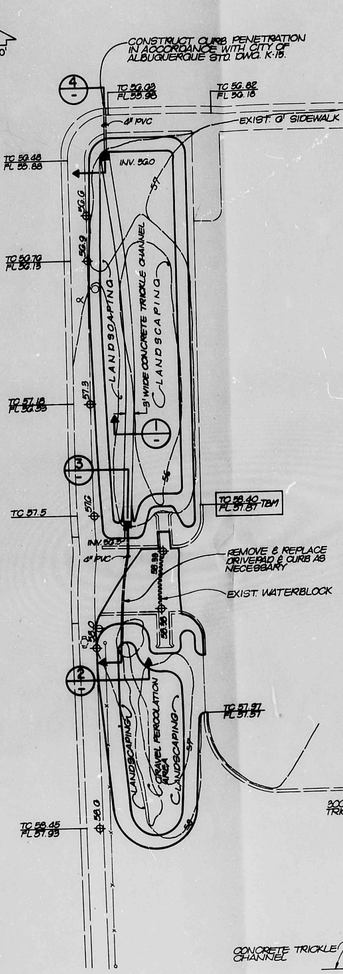


LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEV.
- PROPOSED SPOT ELEV.

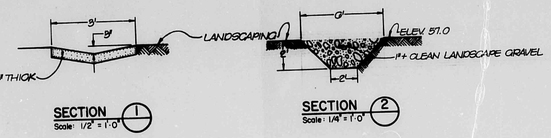
DRAINAGE PLAN

The following items for the Highland High School drainage modifications are contained hereon:

1. Vicinity Map
2. Flood Hazard Map
3. Grading Plan

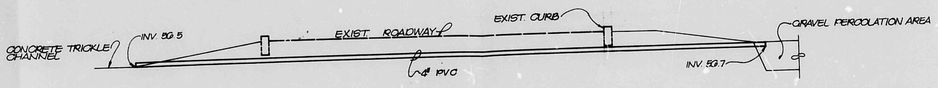
At the present time there are two (2) ponds that have been constructed on the Highland High School property adjacent to the new theatre and an existing swimming pool. The ponds have been in place for some time and were constructed as a result of construction that was performed in 1979 and 1980. The ponds to date have failed to function, other than acting as marsh areas fc weeds and trash. At the time the ponds were constructed, the city did not have a policy of allowing the ponds to drain.

This Grading Plan only dresses up the ponds to put them back into their original design configurations. In addition, outlet facilities will be constructed for each pond. This will allow the ponds to drain so that they can be landscaped and maintained in some reasonable manner. The pond furthest to the south will have a gravel area to allow percolation of trickle flows. The pond to the north will have a concrete trickle channel so that any flows entering that pond will be conveyed directly to the street and into the flowline of the gutter. All landscaped areas essentially drain into the southern pond, so the northern pond would only receive flows in the event of rain.



SECTION 1 — Scale: 1/2" = 1'-0"

SECTION 2 — Scale: 1/4" = 1'-0"



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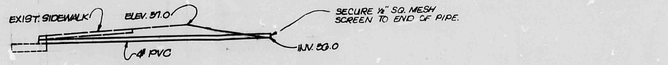
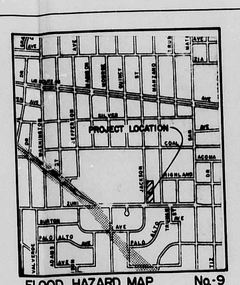
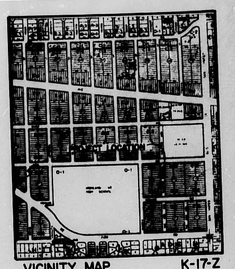


SECTION 4 — No Scale

JOB NO. 1-081



FLOOD HAZARD MAP No.-9
SCALE: 1" = 1000'



VICINITY MAP K-17-Z
SCALE: 1" = 800'

| REFERENCES | | |