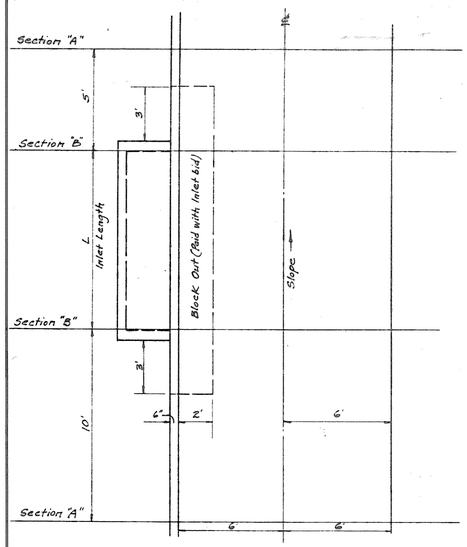
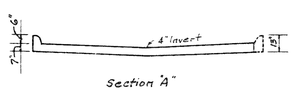
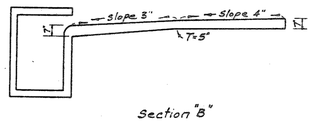
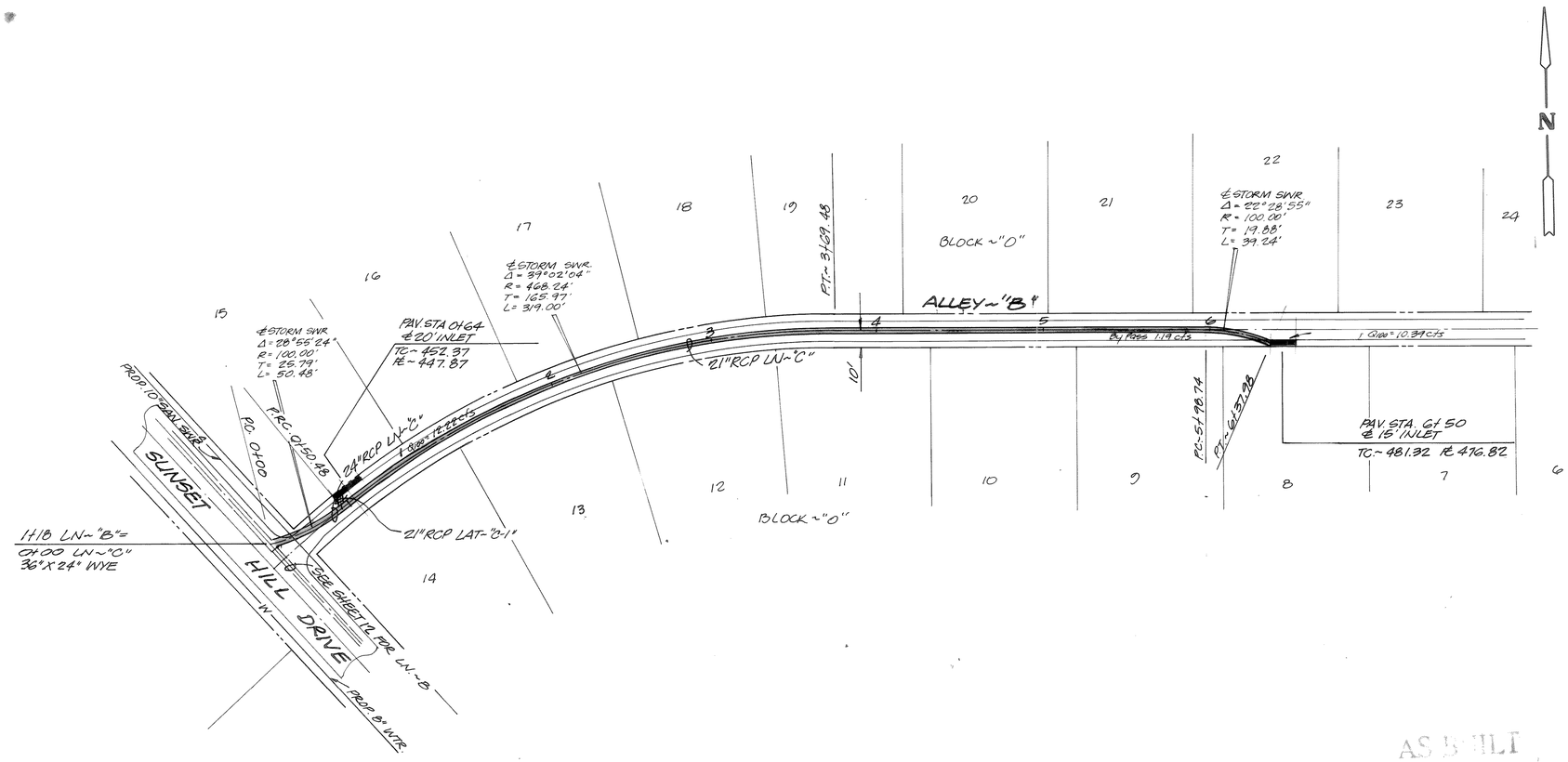






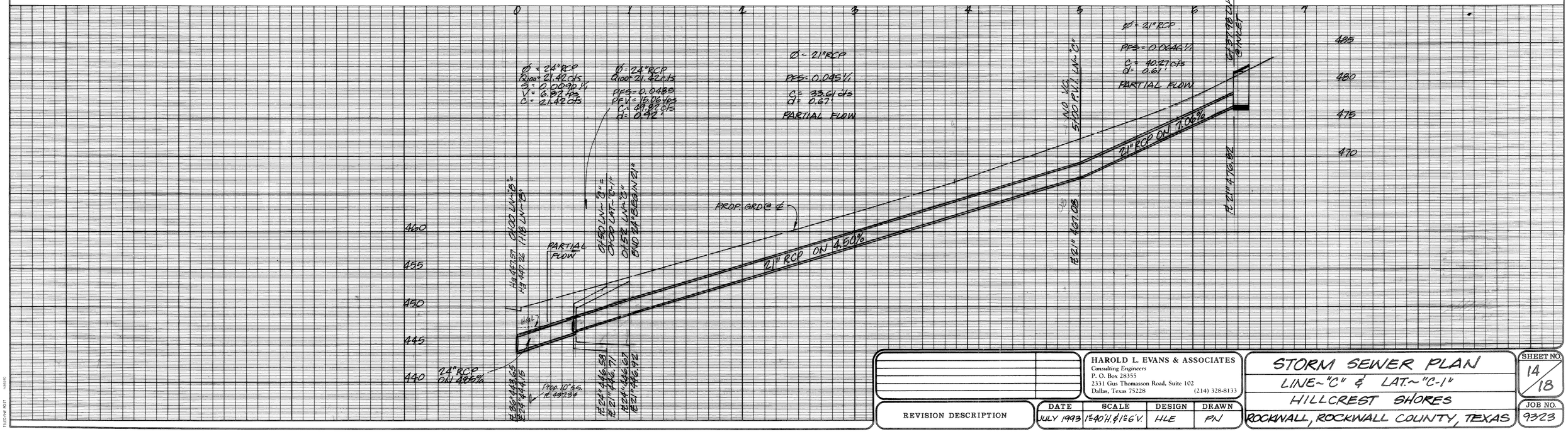
TYPICAL ALLEY INLET SECTIONS



AS BUILT

BENCHMARKS:
"X" cut in concrete on the center line of Sunset Hill, Paving Sta. -0+10 Elev. 452.96

"X" cut in concrete on the center line intersection of North Lake-Shore Dr. with North Hills Drive. Elev. 515.64


Ø=24" RCP
Q100=21.42 cfs
S=0.0040 ft/ft
V=6.82 fps
C=21.42 cfs
Ø=24" RCP
Q100=21.42 cfs
PFS=0.0480
PFV=15.06 fps
C=19.87 cfs
d=0.92'
Ø=21" RCP
PFS=0.0045 ft/ft
C=33.61 cfs
d=0.67'
PARTIAL FLOW
Ø=21" RCP
PFS=0.0044 ft/ft
C=40.27 cfs
d=0.61'
PARTIAL FLOW
PROP. GRD @ ℄
21" RCP ON 4.60%
21" RCP ON 1.00%
24" RCP ON 4.66%
STUB W/G
STUB W/G
STUB W/G