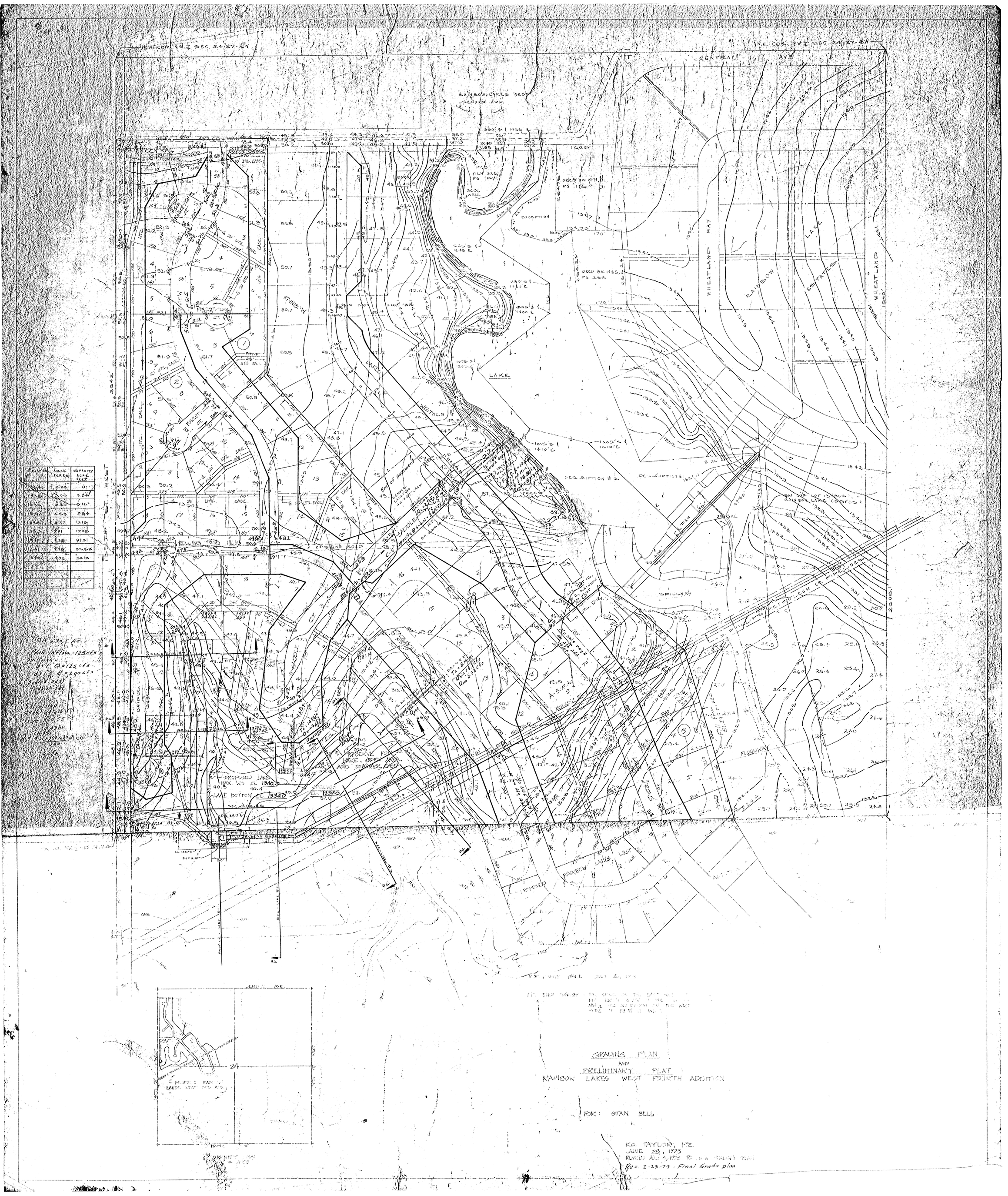
N.W. COR. NW¼ SEC. 24-27-2W
N.E. COR. NW¼ SEC. 24-27-2W
CENTRAL AVE
RAINBOW LAKES WEST SECOND ADD.
WHEATLAND WAY
RAINBOW LAKE ESTATES
WHEATLAND AVE
LAKE
EXCEPTION
DEED BK 1441, PG 132
DEED BK 1435, PG 238
DESCRIPTION #2
DESCRIPTION #1
SPILLWAY
FLOWAY
PROPOSED LAKE MAX. WS EL 1340.0
LAKE BOTTOM EL 1334.0
SEC. LINES
PROPOSED LAKE
RIPRAP
50'
PROPERTY LINE
ELEVATION
AREA ACRES
CAPACITY ACRE FEET
DA = 30.7 AC.
Peak Inflow 125 cfs
Spillway
25 yr Q = 125 cfs
100 yr Q = 290 cfs
Calculated
Peak Inflow
Peak Outflow
Lake Area
Lake Elev.
Q = CLH^3/2
L = 100'
H = 1.0'
C = 3.0
Q = 3.0 x 100 x 1.0^3/2 = 300 cfs
Q = 300 cfs
Q = 125 cfs
Q = 175