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CONT.

WE ACCOUNTED FOR THE OFFSITE DRAINAGE IN
COMPUTING THE RCBC FROM RESERVE B TO THE BIG SLOUGH
NORTH.

calc's

$$\text{OFFSITE DA} = 300 \text{ AC.}$$

$$T_C \text{ BASIN} = 4.3M$$

$$\text{ON SITE DA} = 66 \text{ AC.}$$

$$I_{100} = 4.38$$

$$366 \text{ AC.}$$

$$Q_{100} = 0.48 (4.38) (366) = 770 \text{ CFS.}$$

WE ASSUMED THE BOX TO BE 1 FOOT IN STATIC POOL OR
GRO WATER WERE AND GIVE RCBC TO A 10 X 5 X DOUBLE

$$\text{RCBC CAPACITY} = \frac{\text{EXCESS}}{\text{EXCESS}} = 385 \times 2 = 770 \text{ CFS}$$

W CONSIDERATION OF HWL @ 5.4 FT.

WITH 1 FOOT EXTRA W/S PROVIDES A DOUBLE 10 X 6 RCBC

RIDGE POINT ALBERTA 2ND IS A REPEAT OF PART OF
RIDGE POINT 1. WHICH BASICALLY RELOCATES THE
RESERVOIRS FOR THE LAKE FACILITY -

LOT 1 WILL DRAIN SOUTH AND WEST INTO RESERVOIRS
A & B. THESE RESERVOIRS WILL BE FOR LAKE
FACILITIES FOR DRAINAGE.

LOT 1 WILL BE A MULTI SITE DEVELOPMENT OF MEDICAL
UNITS IN A CAMPUS SITE. TWO PROPOSED
TRUNK LINES ARE BEING EXTENDED FROM
THE LAKE INTO THE LOT AS SHOWN ON THE PLAN.
A THIRD LINE WILL BE EXTENDED AS A
LARGE DITCH TO THE EAST.

LOTS 2 3 4 5 & 6 WILL DRAIN AS PROMOSLY
PLANNED IN RIDGE POINT ALBERTA -

OFF SITE DRAINAGE. -

WE ANTICIPATE THAT APPROX. 300 ACRES FROM
THE ALBERTA MAY ENTER THE SITE AND NEED TO BE
CONVEYED TO THE BIG SLOUGH NORTH. THIS OFFSITE
DRAINAGE MAY BE DISCHARGED INTO RESERVOIR A & B
ENTRANCE FROM RIDGE ROAD OR ALONG THE EAST LINE OF

