

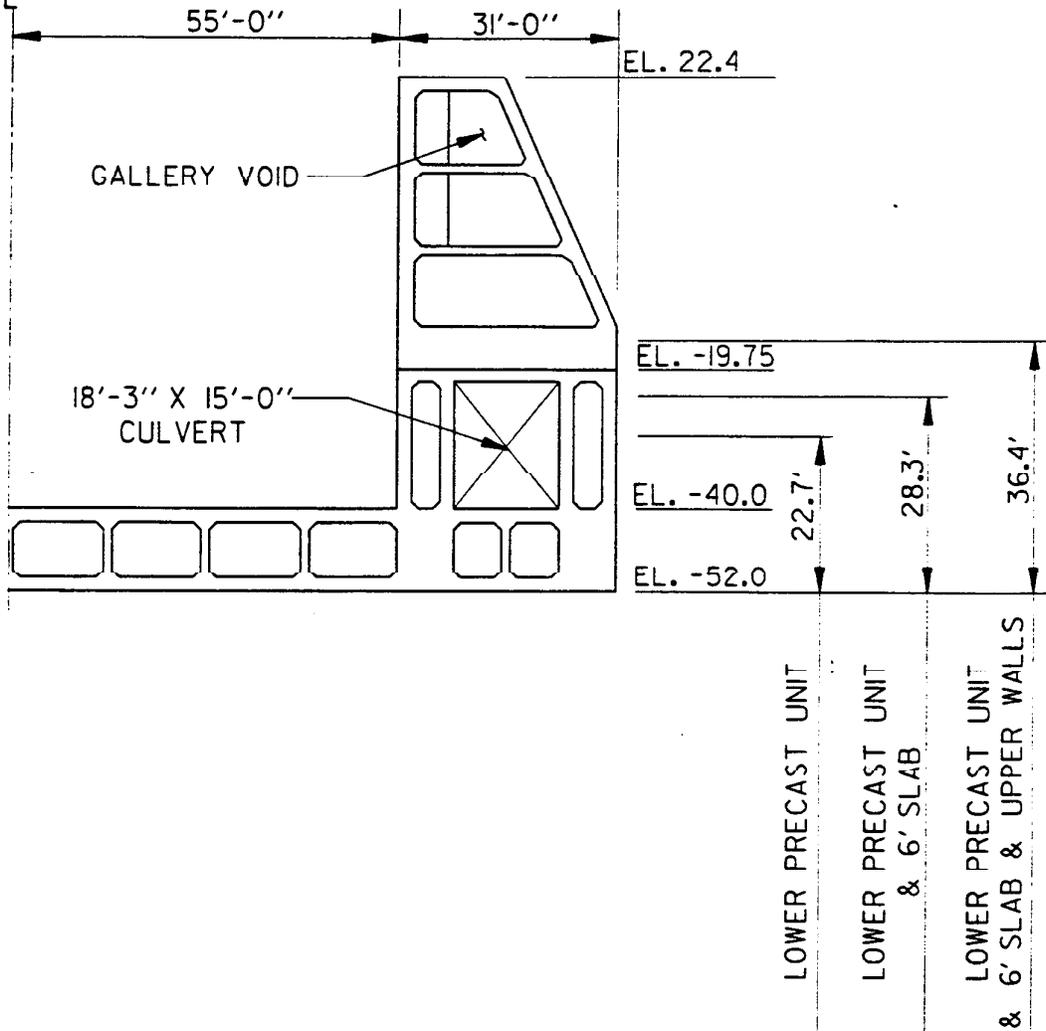
# DRAFT REQUIREMENTS

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The governing draft is the depth of the MRGO channel. Presently the channel has a minimum draft to EL. -30, the mean low water is El. 0.0.

It was decided that the graving site would be built to the culvert roof plus a sufficient roof thickness that would support the construction of the upper walls. The chamber and gatebay bases require drafts of 22.7' and 21.6' respectively. An additional 3' of safety factor was added to the graving site platform to assure lift off. The 3' was concurred upon by Drs. Moustafa and Berner . Therefore, the total draft at the platform is approx. 26'.

SYMMETRICAL ABOUT  
C/L



# TYPICAL SHIP LOCK CHAMBER SECTION

SCALE: N.T.S.

SYMMETRICAL ABOUT  
C/L  
55'-0"

35'-0"

EL. 22.4

18'-3" X 15'-0"  
CULVERT

EL. -19.75

EL. -40.0

EL. -54.0

LOWER PRECAST UNIT

LOWER PRECAST UNIT  
& 6' SLAB

LOWER PRECAST UNIT  
& 6' SLAB & UPPER WALLS

21.58'

27.32'

38.5'

TYPICAL SHIP LOCK GATEBAY SECTION

SCALE: N.T.S.

