

付録 A 解析結果の詳細

C

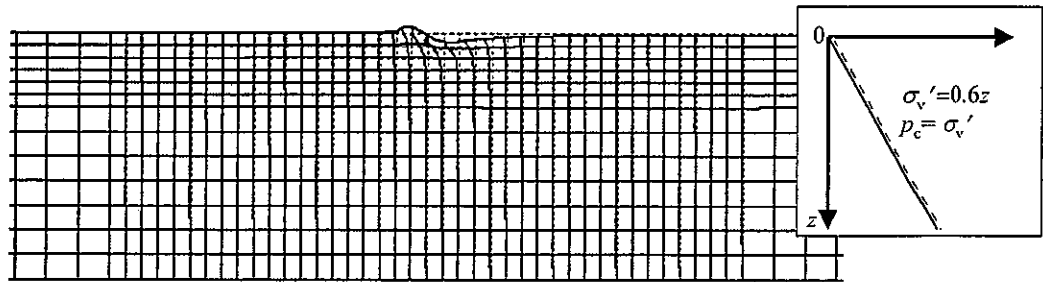
C

付録 A1 分布荷重モデルの地盤変形図

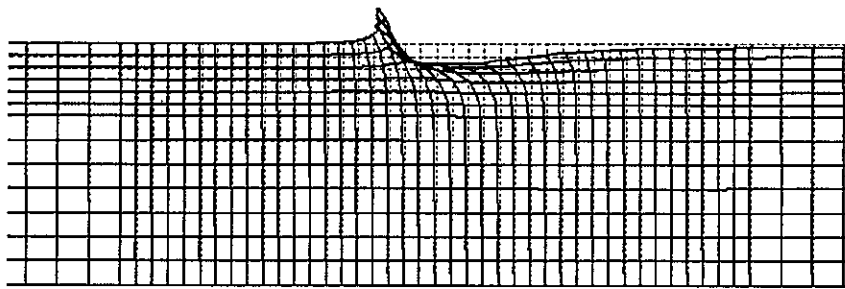
本文対応箇所 : 3.6 関口・太田の弾塑性モデルによる二次元圧密変形解析 (その 3)

解析モデル : 図-3.47, 図-3.48, 表-3.22, 表-3.23, 図-3.50

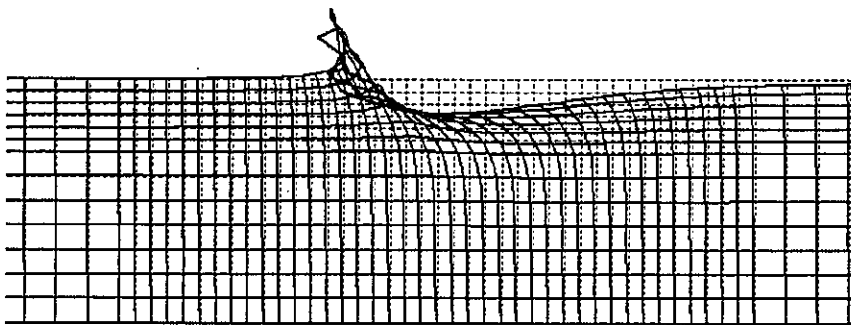
解析ケース : ex36a, ex36b, ex36c, ex36d, ex36e, ex36f, ex36g, ex36h, ex36i



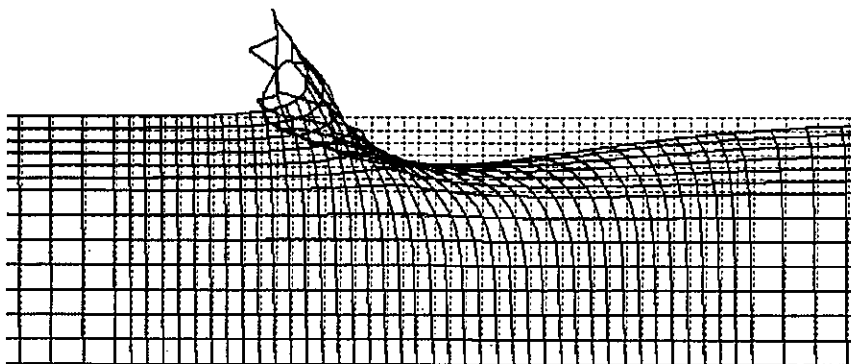
(a) 10day (H=1m)



(b) 20day (H=2m)

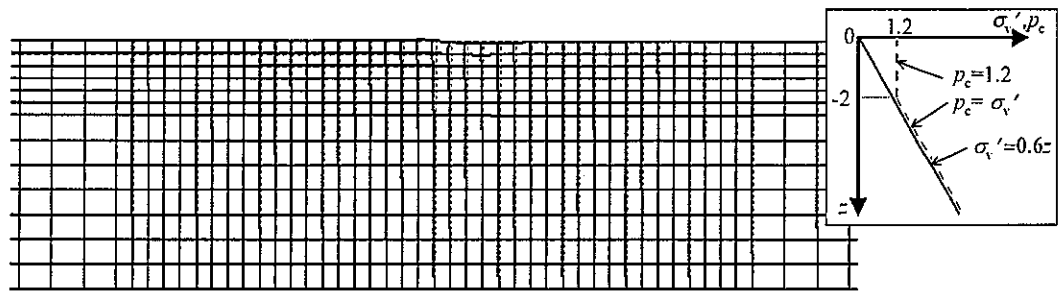


(c) 30day (H=3m)

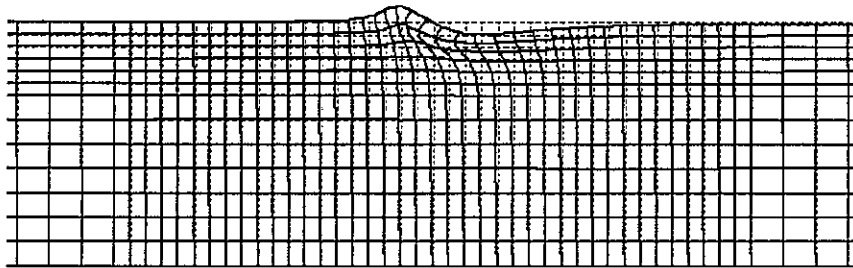


(d) 40day (H=4m)

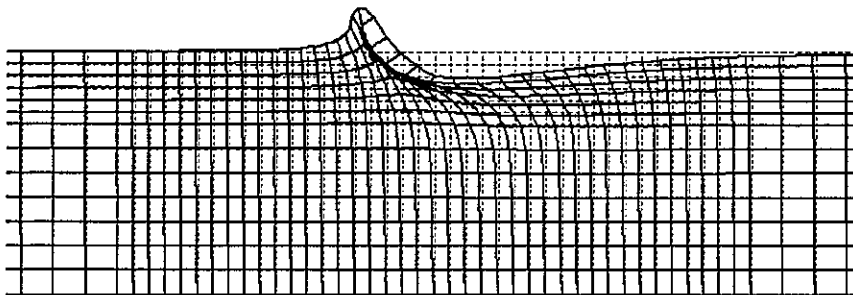
付録図-A1.1 ①ex36a : $\sigma_v' = 0.6z$, $p_c(z) = \sigma_v'(z)$ ($z < 0\text{m}$)



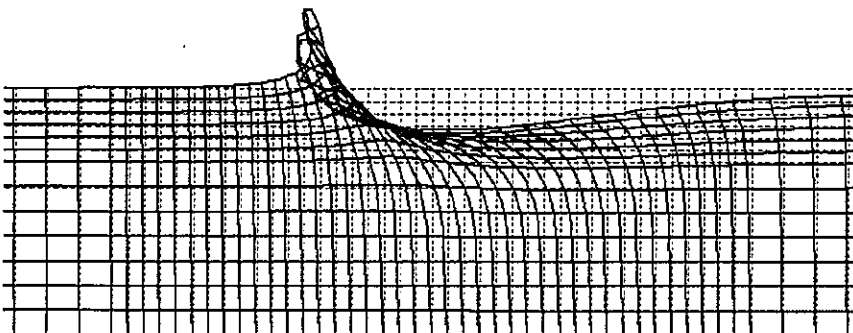
(a) 10day (H=1m)



(b) 20day (H=2m)

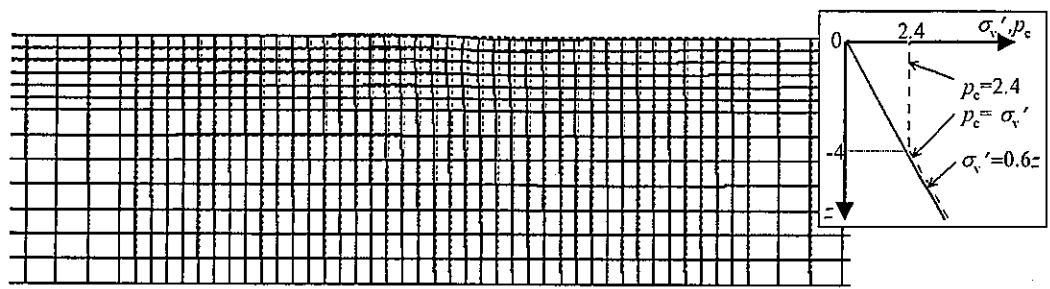


(c) 30day (H=3m)

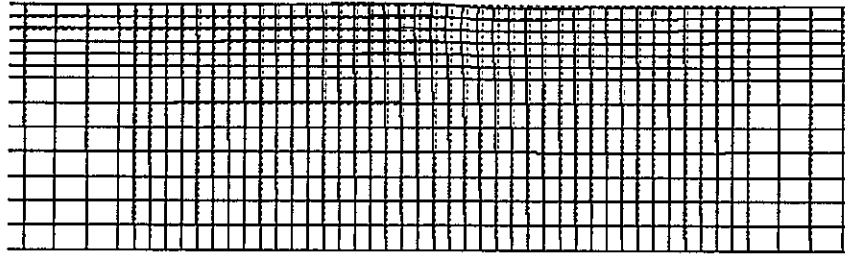


(d) 40day (H=4m)

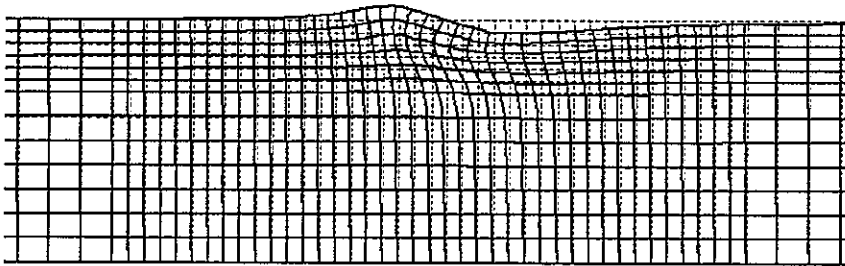
付録図-A1.2 ②ex36b : $\sigma_v' = 0.6z$, $p_c(z) = 1.2$ ($0m < z < 2m$), $p_c(z) = \sigma_v'(z)$ ($z > 2m$)



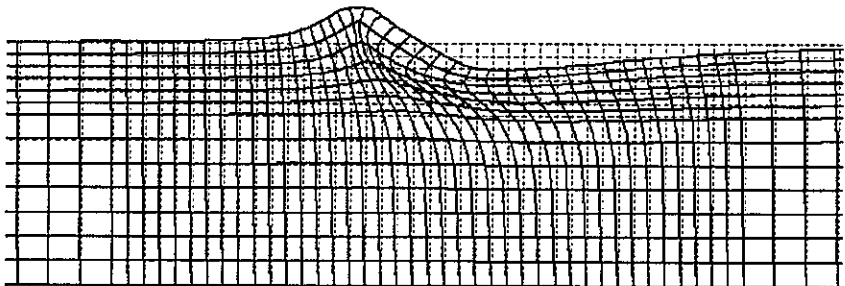
(a) 10day (H=1m)



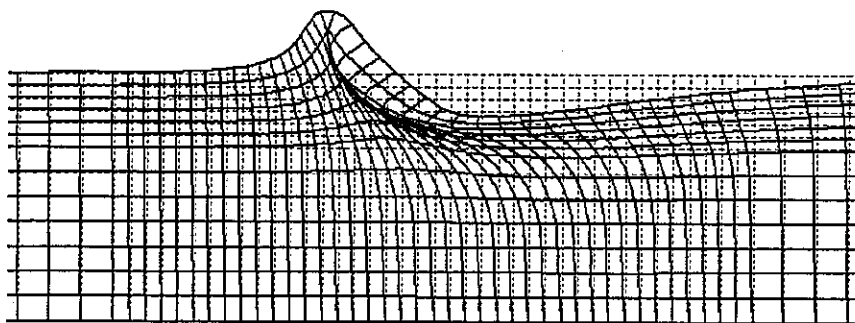
(b) 20day (H=2m)



(c) 30day (H=3m)

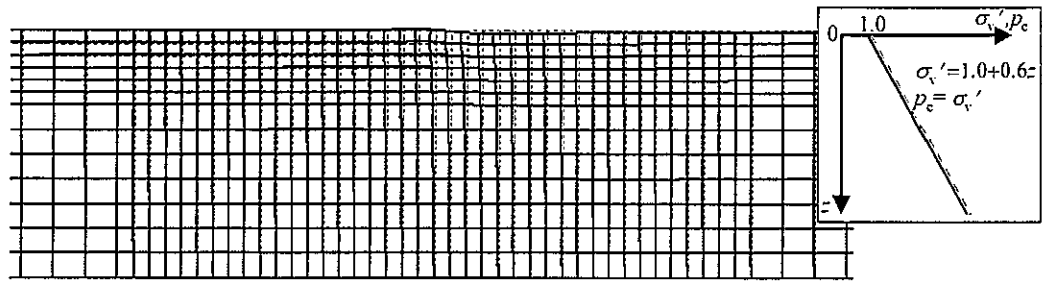


(d) 40day (H=4m)

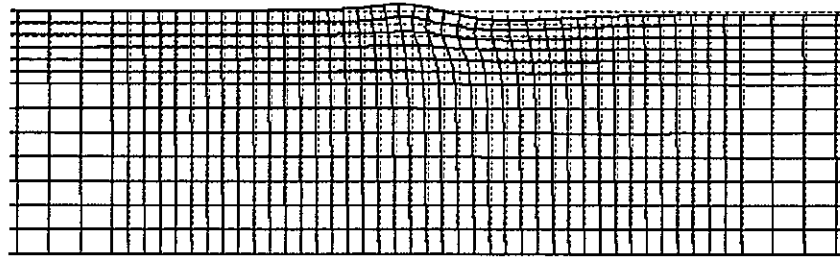


(e) 50day (放置 10day 後)

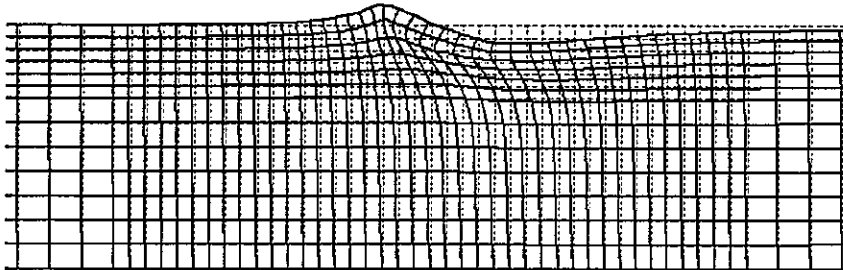
付録図-A1.3 ③ex36c : $\sigma'_v=0.6z$, $p_c(z)=2.4$ ($0m < z < -4m$), $p_c(z)=\sigma'_v(z)$ ($z < -4m$)



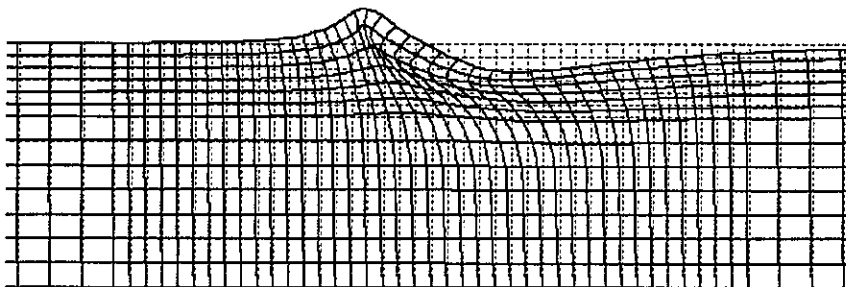
(a) 20day (H=2m)



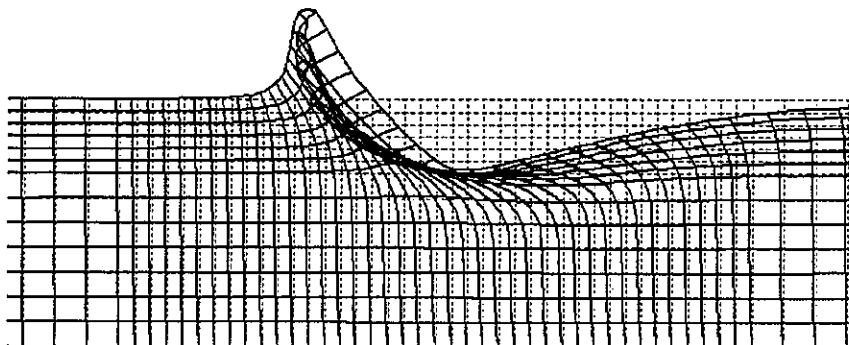
(b) 30day (H=3m)



(c) 40day (H=4m)

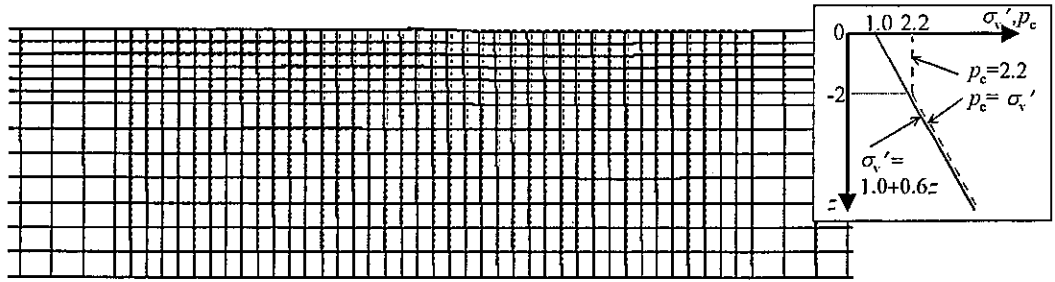


(d) 50day (放置 10day 後)

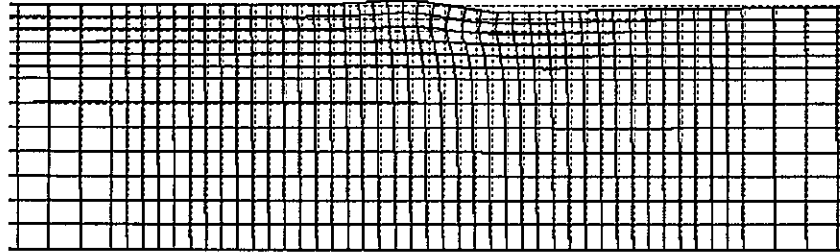


(e) 100day (放置 50day 後)

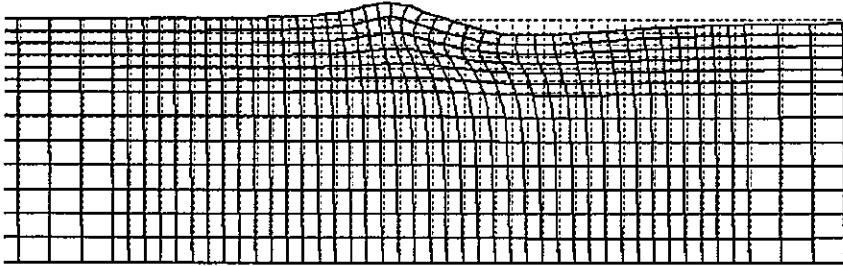
付録図-A1.4 ④ex36d : $\sigma_v' = 1.0 + 0.6z$, $p_c(z) = \sigma_v'(z)$ ($z < 0m$)



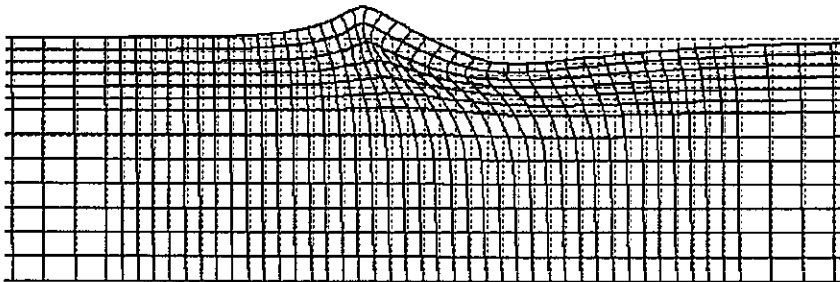
(a) 20day (H=2m)



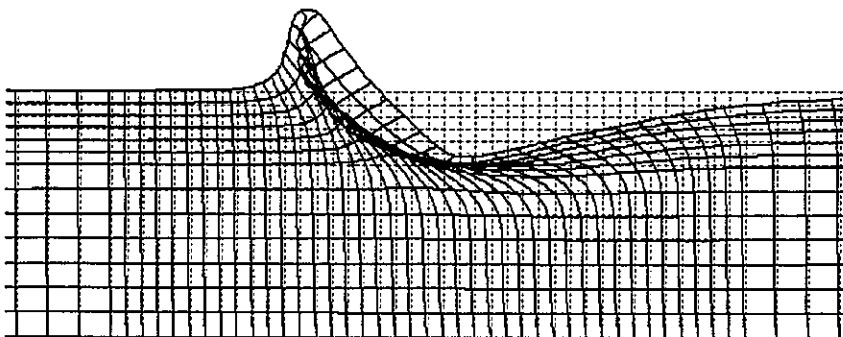
(b) 30day (H=3m)



(c) 40day (H=4m)

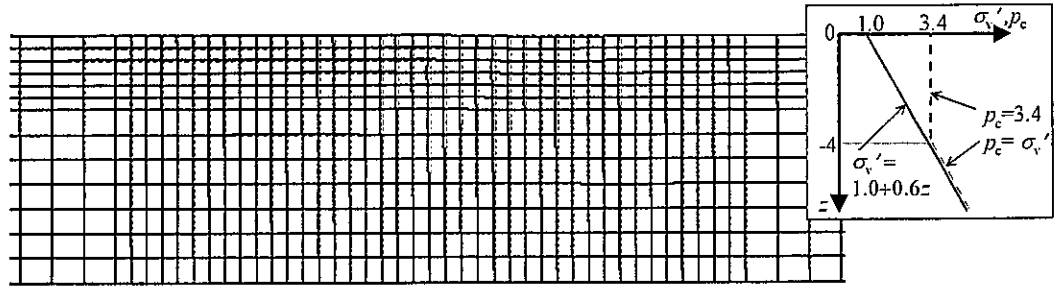


(d) 50day (放置 10day 後)

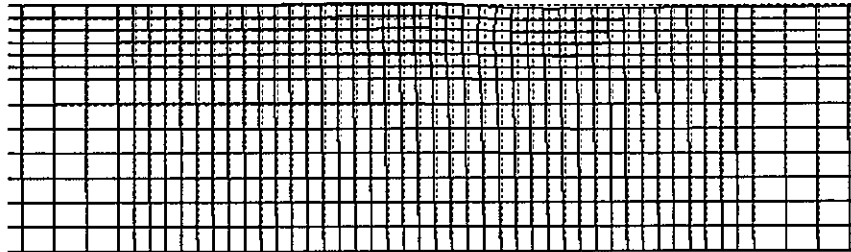


(e) 100day (放置 50day 後)

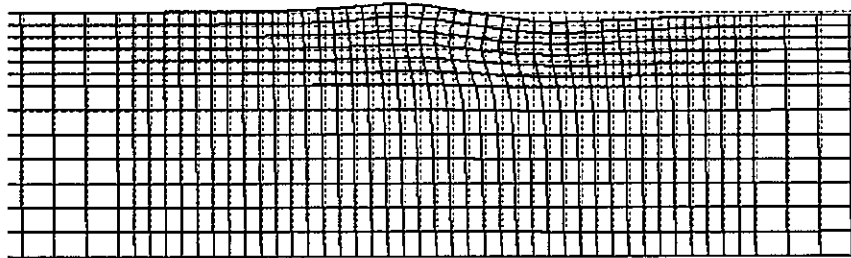
付録図-A1.5 ⑤ex36e : $\sigma_v' = 1.0 + 0.6z$, $p_c(z) = 2.2$ ($0 < z < -2\text{m}$), $p_c(z) = \sigma_v'(z)$ ($z < -2\text{m}$)



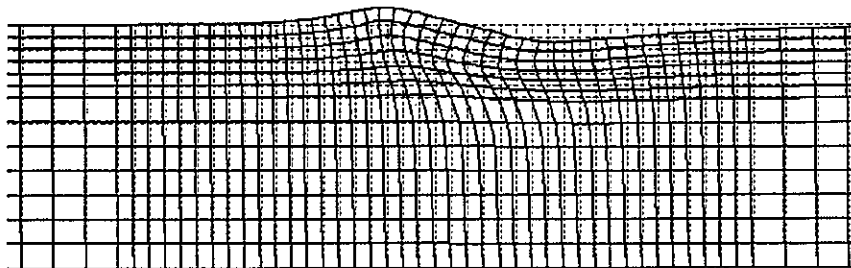
(a) 20day (H=2m)



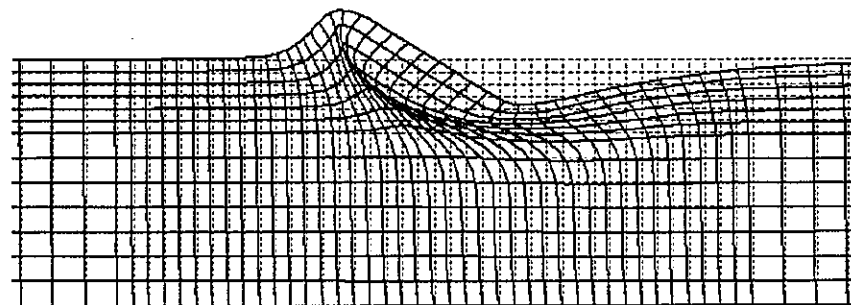
(b) 30day (H=3m)



(c) 40day (H=4m)

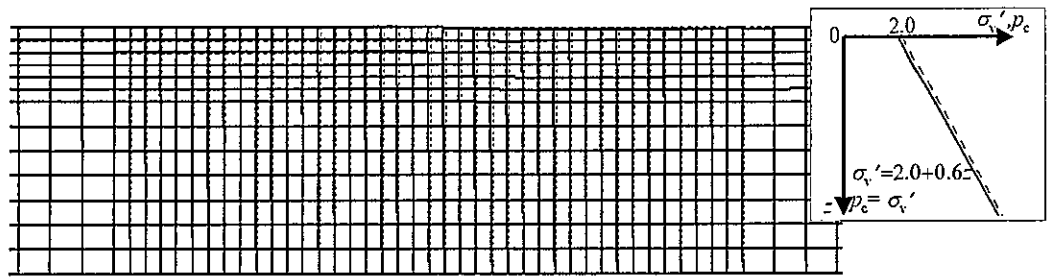


(d) 50day (放置 10day 後)

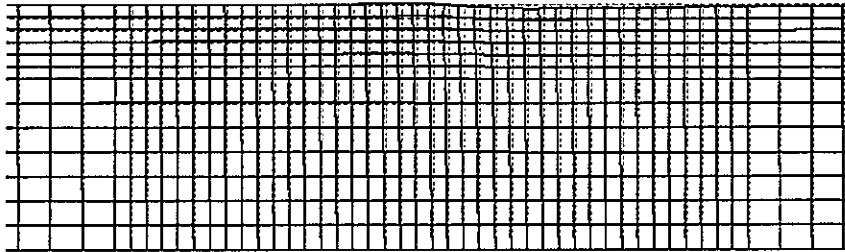


(e) 100day (放置 50day 後)

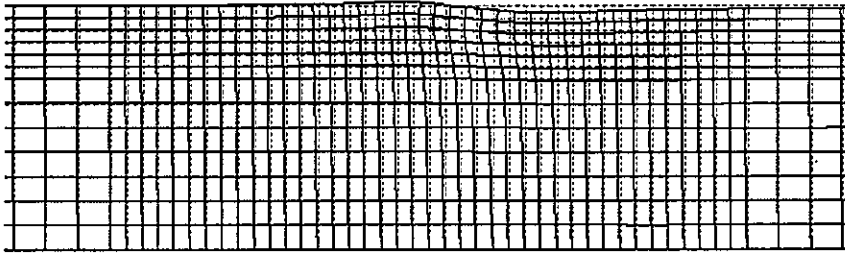
付録図-A1.6 ⑥ex36f : $\sigma_v' = 1.0 + 0.6z$, $p_e(z) = 3.4$ ($0 < z < -4\text{m}$), $p_e(z) = \sigma_v'(z)$ ($z < -4\text{m}$)



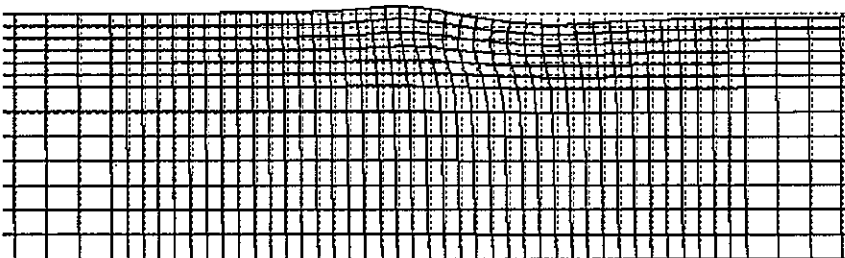
(a) 20day (H=2m)



(b) 30day (H=3m)

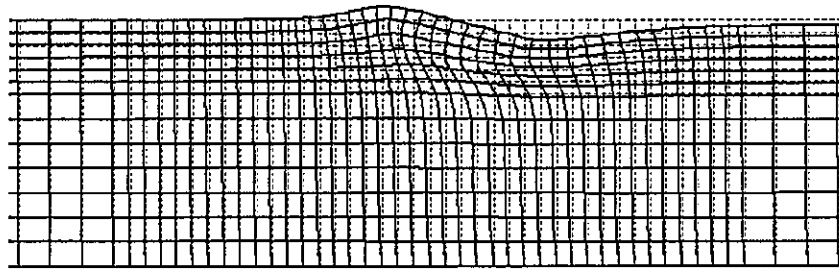


(c) 40day (H=4m)

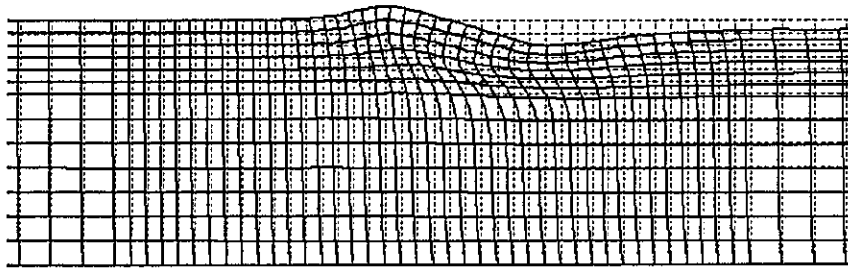


(d) 50day (放置 10day 後)

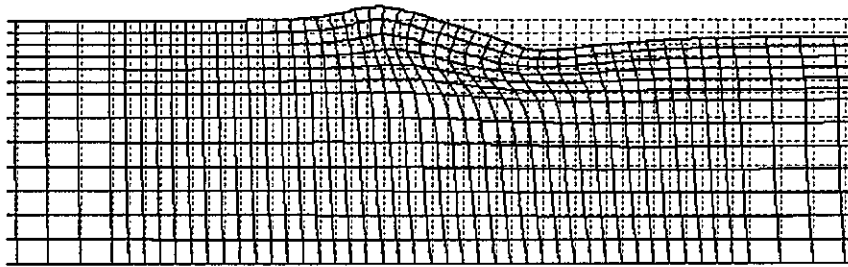
付録図-A1.7 ⑦ex36g : $\sigma'_v = 2.0 + 0.6z$, $p_c(z) = \sigma'_v(z)$ ($z < 0\text{m}$)



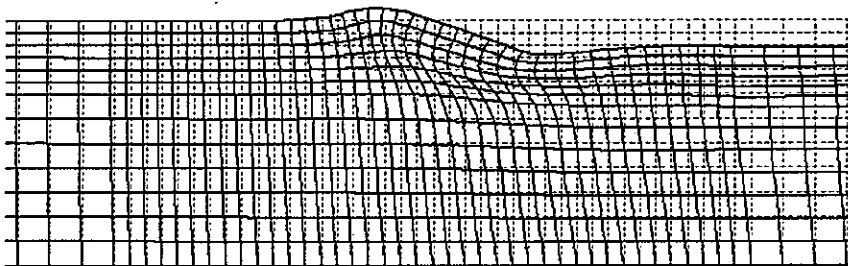
(e) 100day (放置 50day 後)



(f) 300day (放置 250day 後)

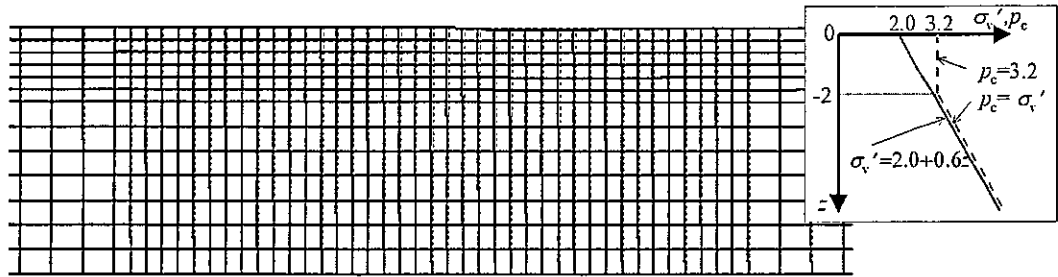


(g) 1000day

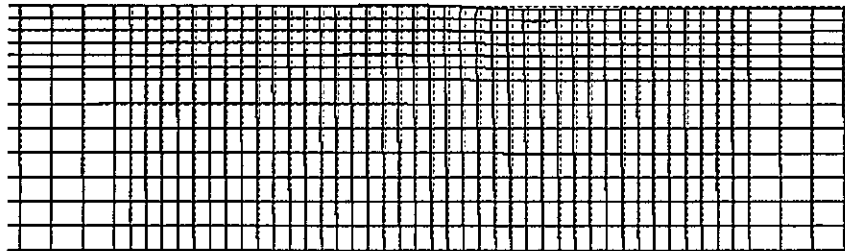


(h) 5000day

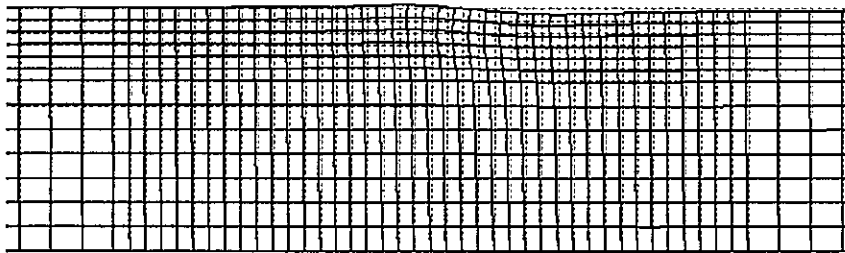
付録図-A1.7 ⑦ex36g : $\sigma_v' = 2.0 + 0.6z$, $p_c(z) = \sigma_v'(z)$ ($z < 0\text{m}$)



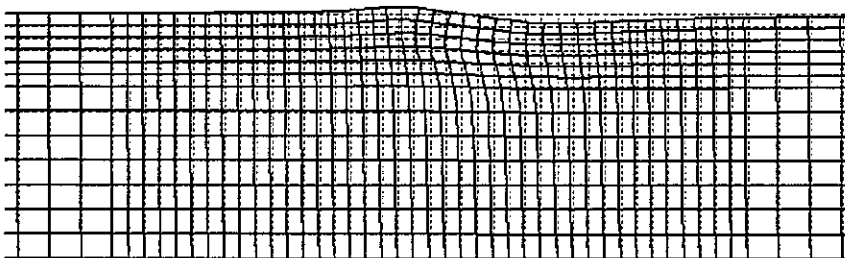
(a) 20day (H=2m)



(b) 30day (H=3m)

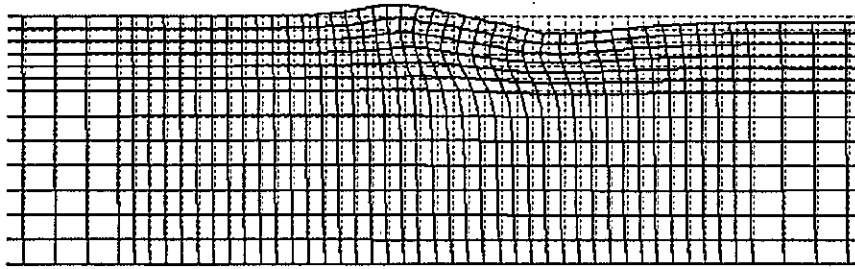


(c) 40day (H=4m)

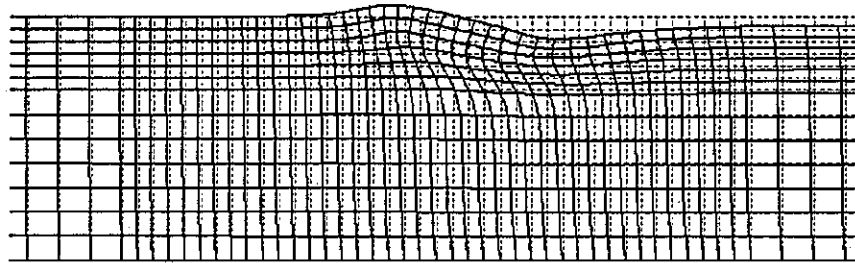


(d) 50day (放置 10day 後)

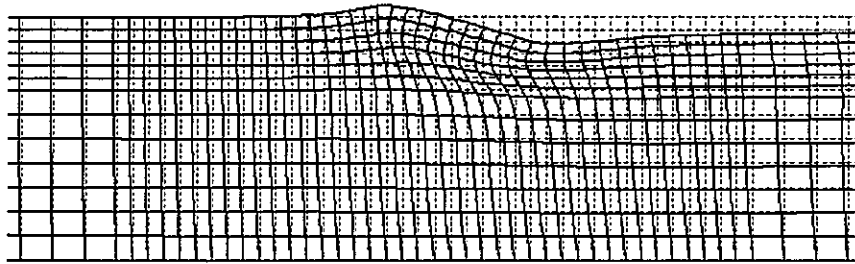
付録図-A1.8 ⑧ex36h : $\sigma_v' = 2.0 + 0.6z$, $p_c(z) = 3.2$ ($0m < z < -2m$), $p_c(z) = \sigma_v'(z)$ ($z < -2m$)



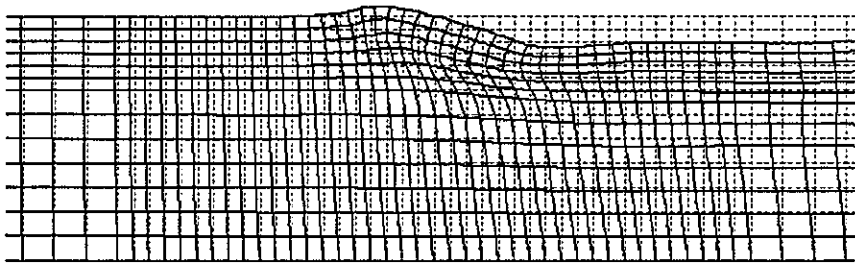
(e) 100day (放置 50day 後)



(f) 300day (放置 250day 後)

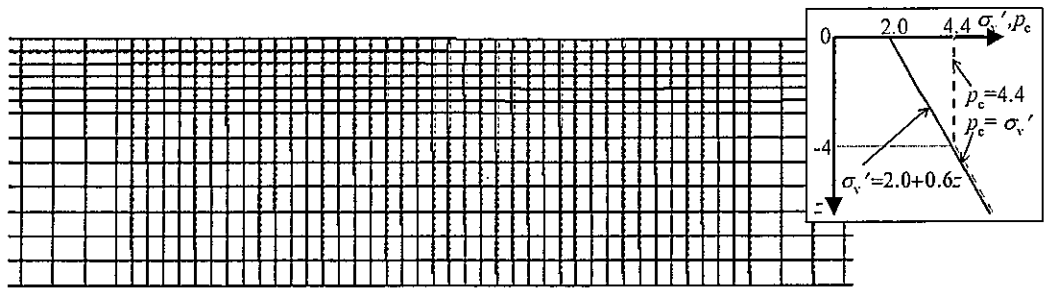


(g) 1000day

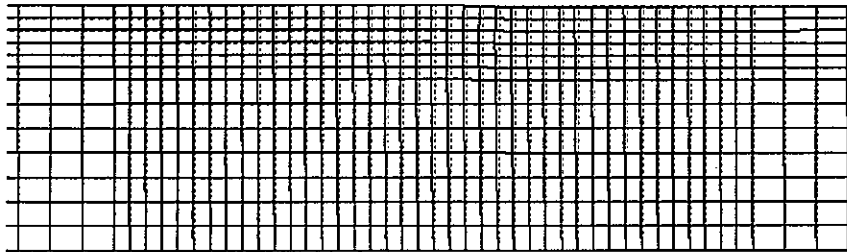


(h) 5000day

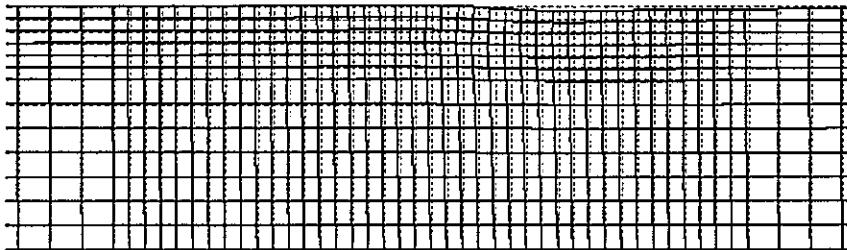
付録図-A1.8 ③ex36h : $\sigma_v' = 2.0 + 0.6z$, $p_c(z) = 3.2$ ($0\text{m} < z < -2\text{m}$), $p_c(z) = \sigma_v'(z)$ ($z < -2\text{m}$)



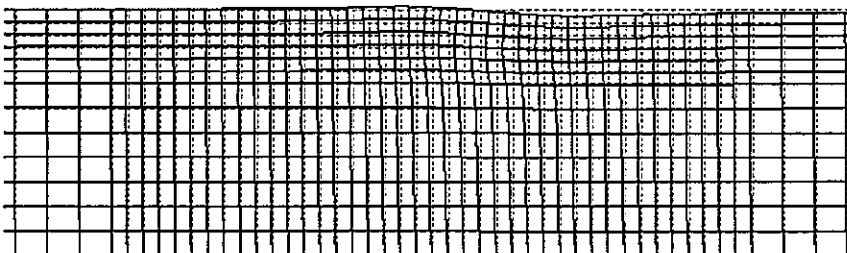
(a) 20day (H=2m)



(b) 30day (H=3m)

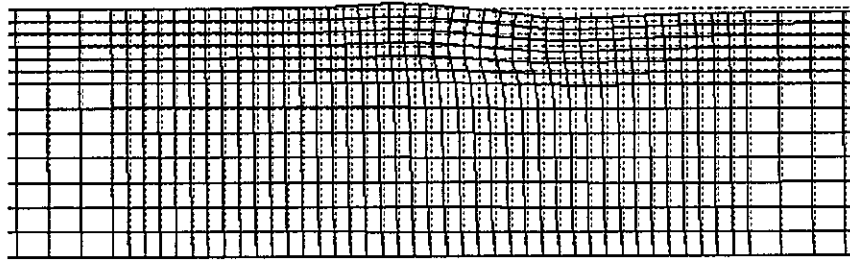


(c) 40day (H=4m)

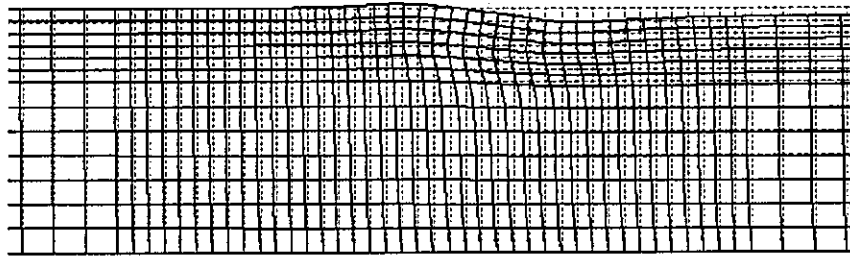


(d) 50day (放置 10day 後)

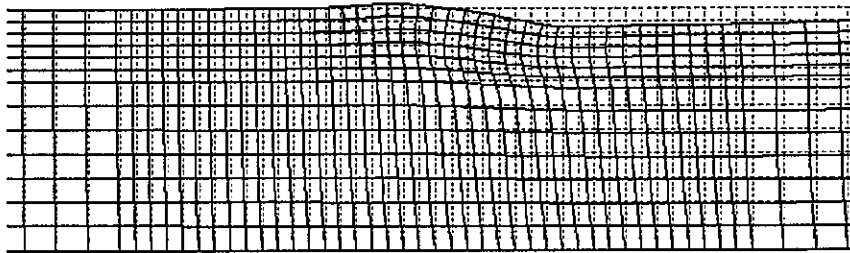
付録図-A1.9 ㊸ex36g : $\sigma_v' = 2.0 + 0.6z$, $p_c(z) = 4.4$ ($0m < z < -4m$), $p_c(z) = \sigma_v'(z)$ ($z < -4m$)



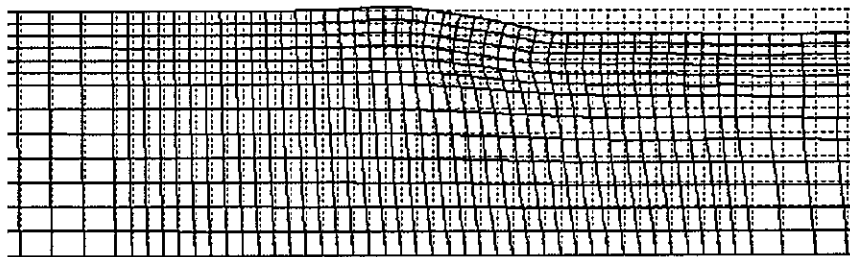
(e) 100day (放置 50day 後)



(f) 300day (放置 250day 後)



(g) 1000day



(h) 5000day

付録図-A1.9 ⑨ex36i : $\sigma_v' = 2.0 + 0.6z$, $p_c(z) = 4.4$ ($0m < z < 4m$), $p_c(z) = \sigma_v'(z)$ ($z < 4m$)