## A. PERIOXH SXEDOU

1. O typos sxeow exei gpareisikh etairaqh gia oxetoye pou epixwn oi opoioi perilambanontai stin paraplevrw pinaka, oi opoioi sxediazontai kai kataskeyazontai gperesikia symfwna me to paron sxedio.
2. Trapqopiikh twn diastasewn twn typwn aytwn peran twn problepomenwn ston pinaka den epitrepetai.
3. O typos leyqi gia markh h alikh eikasth se opoiadhpote sxhma.
4. Einai aparaithth h topoqethsh ejomalistikhs stroqhs sthn asfash toy oxetoy kai h whsimopoihsh pleyrikwn jylotyrwn se opoiadhpote sxhma.
5. Epitrepetai h spanjylwsh prakstasewn me morfash twn arnwn symfwna me to sxedio genikhs diatajhs.

## B. YLIKA KATASKEYHS

Skyrodema: Aoplo skyrodema B10 (ejomalystikh stroqh)
Opliamos: Kolarwe opliamos Bst 500S – DIN 488.

## G. KANONISMOI

DIN 1045 : opliamos kai aoplo skyrodema
DIN 1072 : fortiseis gefyres kai odogetyra (klash 60/30)
DIN 1075 : skiasmena gefyra, geologismos kai kataskeyh
DIN 1055 : fortia
DIN 1054 : wemelwseis, epitrqaxynsews fortisews edafwn
DIN 4018 : geologismos katallhlwn pisethw edafwn
DIN 4019 : geologismos kaujtirwn
DIN 4085 : pleyrikes wthseis gwnw
DIN 4225 : prakstaseksaymenwn stoixeiwn skyrodemathw
NEAK : Neow Elthnikow Antisteixismikow Kanonismow
Elthnikow Kanonismow Texnologiw Skyrodemathw
EJH/93 'EPEXHDE : odhgiew gia thn antiseismikh melethh gefyrwn

## D. PARADOXES

1. Fortiseis
1.1 Monimo fortio
– Idio baros skyrodemtow gc=25 KN/m3
– Eswterikh gwnia ghinhs kai epifaneiwn gw=20 KN/m3
Loipa xarakthristika ghinoy ejoyneas:
Synektikothta c=0
Gwnia eswterikhs trihbw fw=30 ytoy Oestiye
Klash pranoyw plav pov takoyw, ypow/plator = 1 : 3
– Vwhsiaia gwnia
Energhtikh wthsh gwnia gia ta texnika Elasdoy–Epoxy
Systatikh wthsh gwnia (tranview) gia toyw Oestiye
1.2 Uermokrasiakew metabolew
– Sxetikh ygrasia aera gia pqakow –15 °C
– Sistasno maza-ejy. 8.7°C
1.3 Kinhta fortia
– Klash 60/30
– Katamorfh kinhtwn kai yqow me gwnia 30° we prow thn katakoryfo
1.4 Seismow
– Seismikhsthta periqwhw III
– Epitaxynsh edafikyw 0,24kg
– Spoydaiothta II
– Sxetikow sthriktikow symperiforaw qa=1.0
– Vwhsiaiew gwnia symfwna me thn paragrafo 5.3.2.b NEAK

2. Edafow wemelwshs
– Typow A: argiloi, vdarew ew pqenew ammoi, lepta sabea ammoxalika.
– Typow B: braxoi, krokalloggh, kala diabwsimopoihsimew poly pqenew ammoi h ammoxalika.

## E. PARATHRHSEIS

1. Pasew epikaiyleiw opliamoy Sek. symfwna me thn leptomereia L1.
2. Oi ermoi diakopew ergasiwn shmeiwnontai sthn tqikh leptomereia katoikeyw kbrvteiwn oextwn.
3. Edafh pay den jeqgontai sxhw sthn kathgoria B ue uewrjntai kathgoriew A.
4. Sthn mesh den perilambanei edafotexnikew elegxoy ai opoiai ylopoiun oi apoiqontej anoiqtej me tw sygkentrwmenw sxolikew sjnikew pay efarmjn ty ermo tw oeloy kai 70% antistoiqismoy.

| | |
|---|---|
| SYMBOLOS SKYRODEMATOS | C 25 |
| KALYBAS : | Bst 500S |

DIAMETROS TYMPANWN $d_{sp}$ $d_{sw}$

DIAMETROS TYMPANWN $d_{sp}$ $d_{sw}$
DIAMETROS RAVDWN : $d_s$ < 20 $d_{sp}$ = 4$d_s$
KYRTWSHS : 20< $d_s$ <28 $d_{sp}$ = 7$d_s$
SKYRODEMATOS : $d_{sw}$ = 1,5$d_{sp}$
SKYRODEMATOS(ston idio axwn) : $d_{sw}$ = 1,5$d_{sp}$
kaueth sthn pleyra
kampylothtwn : $d_{sp}$ = 15$d_s$
gia kampylothtew symperiforaw : $d_{sp}$ =1.0
– Vwhsiaiew gwnia symfwna me thn paragrafo 5.3.2.b NEAK

| | |
|---|---|
| H/Q mintad : | $d_{sp}$ = 15$d_s$ |
| C/O mintad : | $d_{sp}$ = 20$d_s$ |

**h. diametrw kampylothtw mporei na meiwsei se d=40$d_s$ an h epikaiyh toy skyrodematow kai h gwnia ghinhs kampylothtow kai h apostash ajonwn ths kampylothtas den ypersainei 100 mm kai 70% antistoiqismoy.

| | |
|---|---|
| SYMBOLOS RAVDWN SKYROD OPLISMOY | ○ |
| SYMBOLOS RAVDWN SYSKEUH/TWN OPLISMWN | □ |

1. LEPTOMEREIA L1
PAXOS EPIKALYPHS

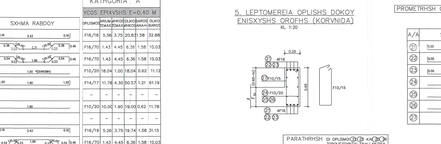



2. LEPTOMEREIA SYMBOLISMOY DIASTASEWN
KIBWTIODWN OXETWN

3. TOMH A–A

# PINAKAS: DIASTASEWN – OPLISMOY – PROMETRHSHS OXETOY K3=1,50

4. DIATAJH OPLISMOY
KIBWTIODWN OXETOY
KL 1:25


DIASTASEIS
OPLISMOS
PROMETRHSH
3.00
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