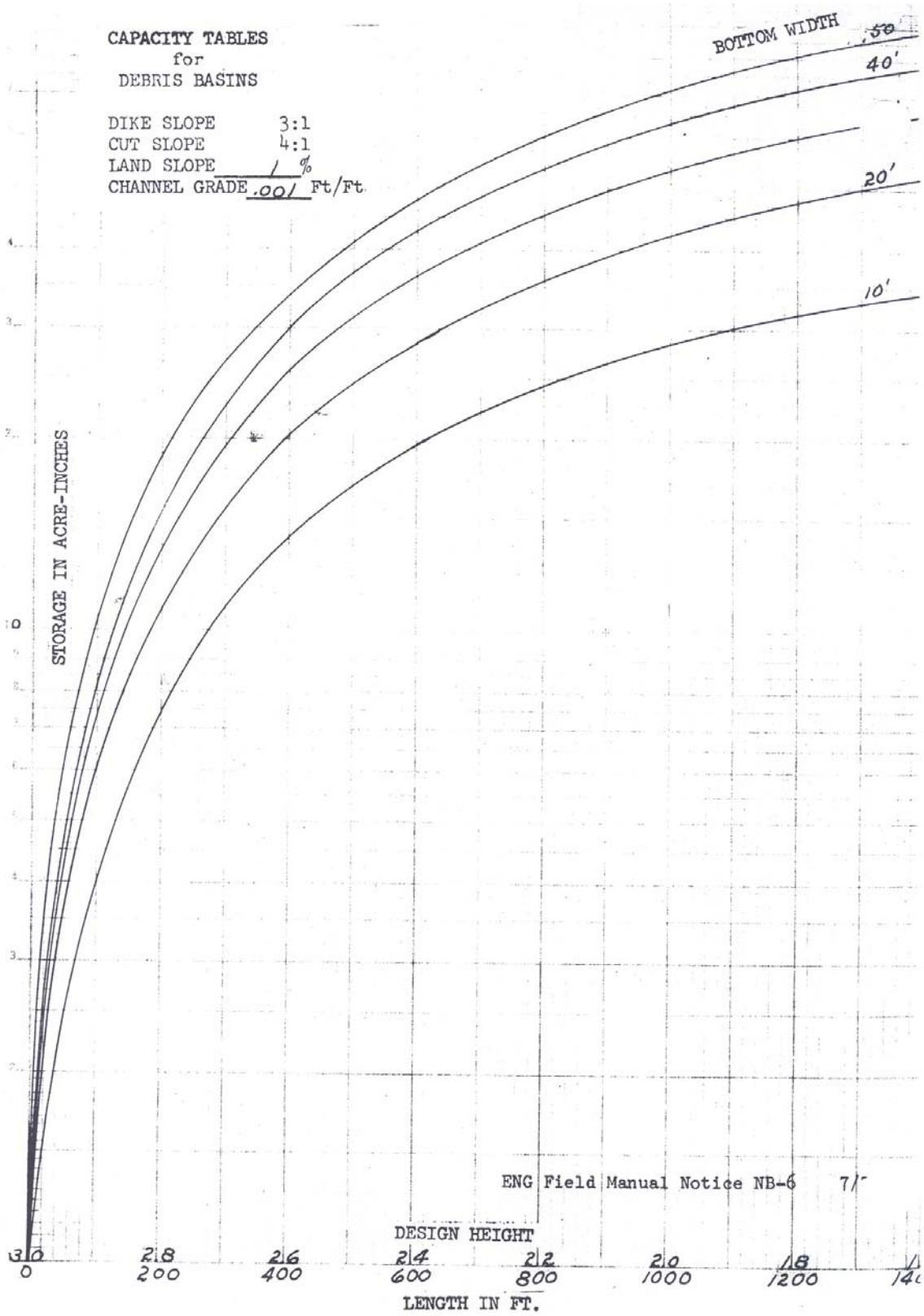
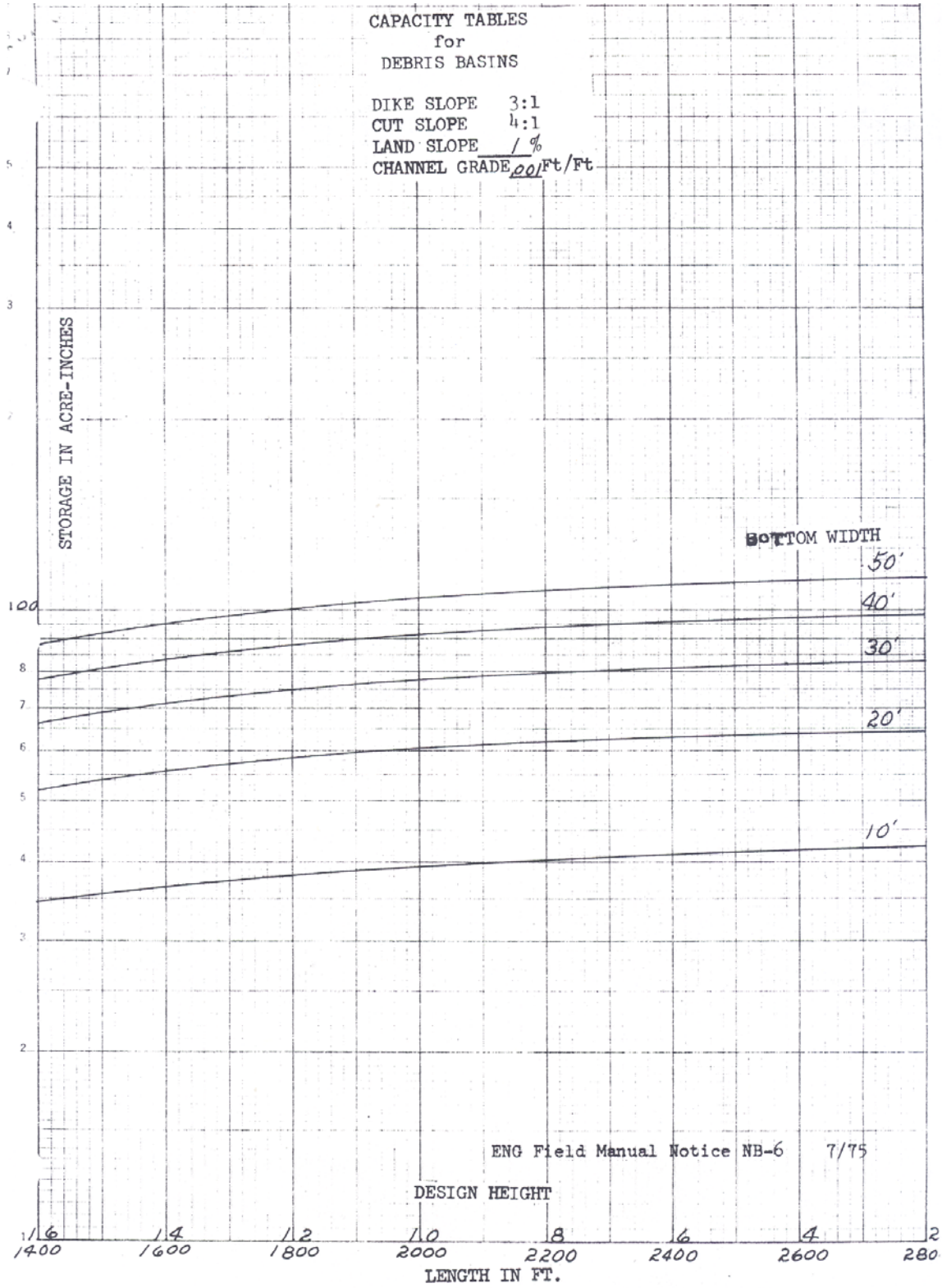
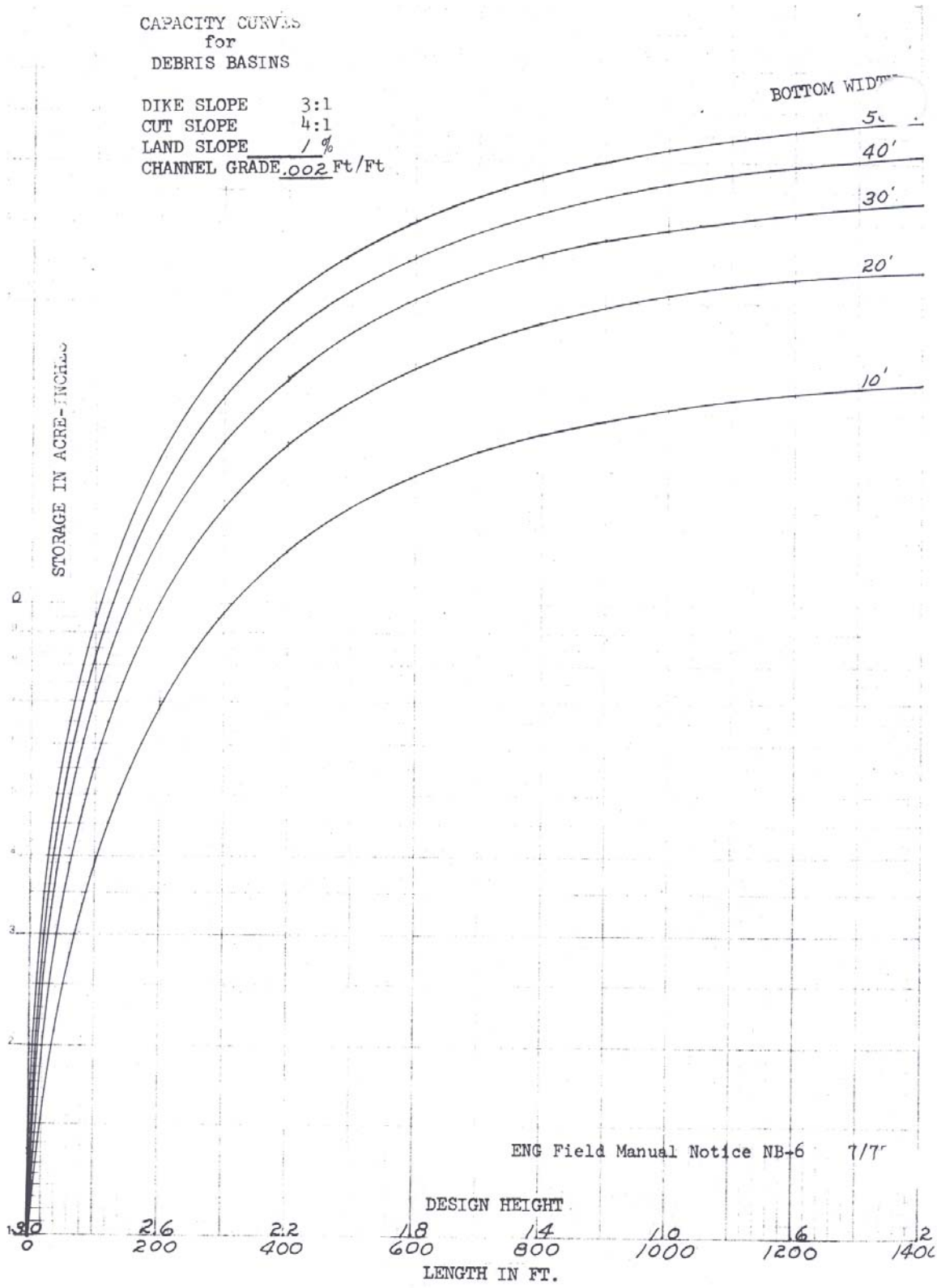
Index

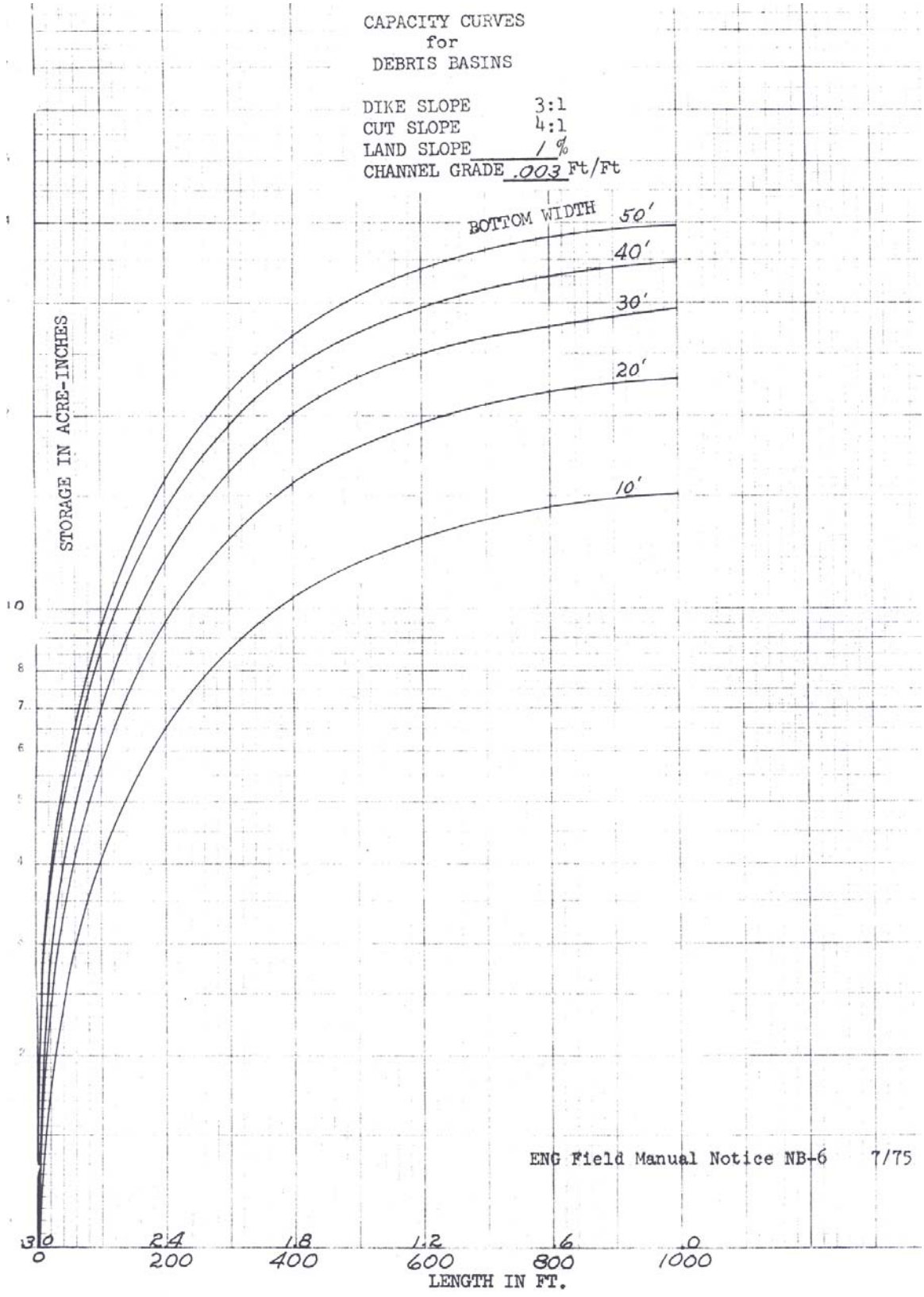
Capacity Curves for Debris Basins

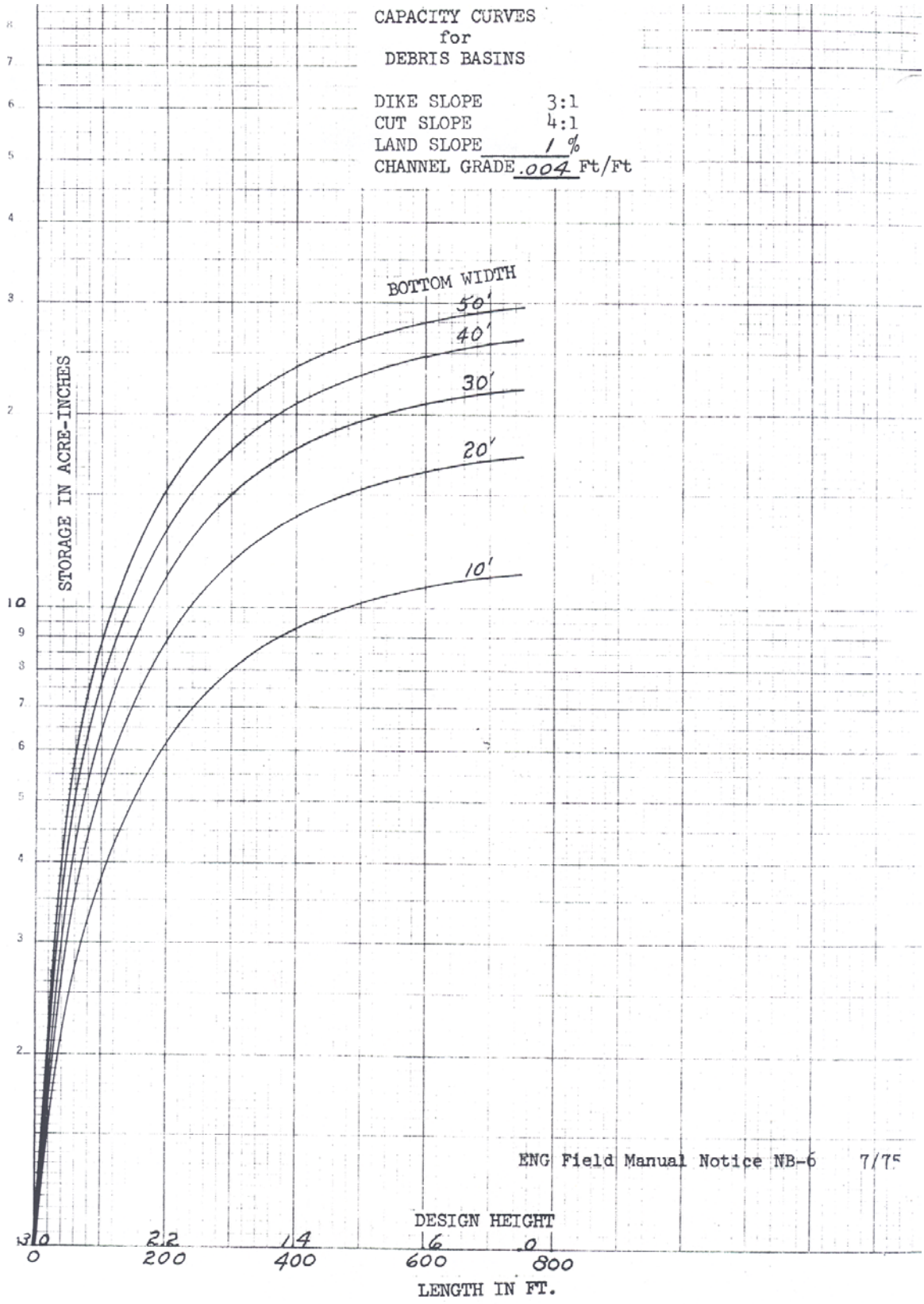
Land Slope	Pages
1%	7 - 12
2%	13 - 18
3%	19 - 24
4%	25 - 30
5% and Up	31 - 36

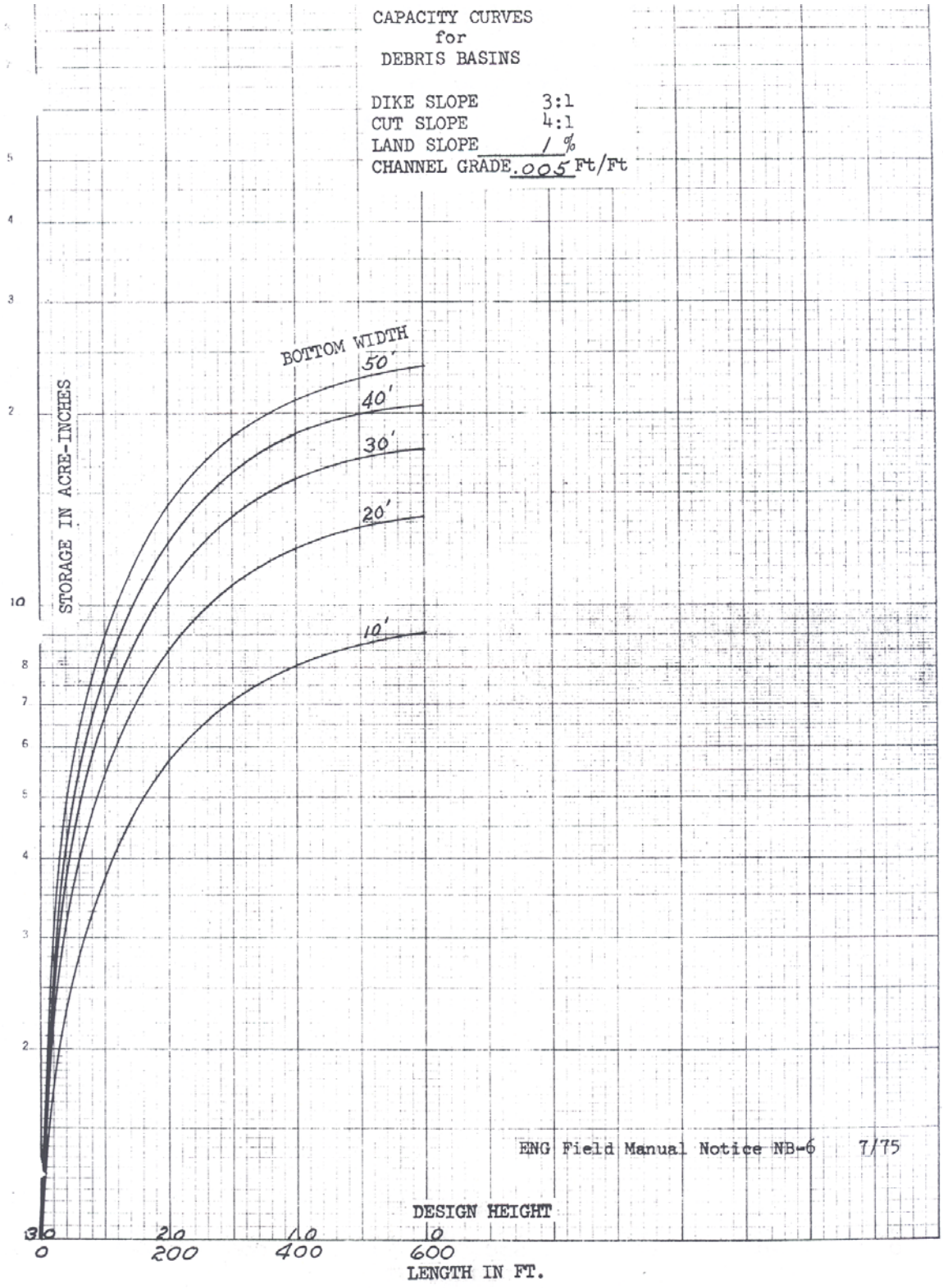

CAPACITY TABLES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 1 %
CHANNEL GRADE .001 Ft/Ft
BOTTOM WIDTH
40'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/
DESIGN HEIGHT
LENGTH IN FT.

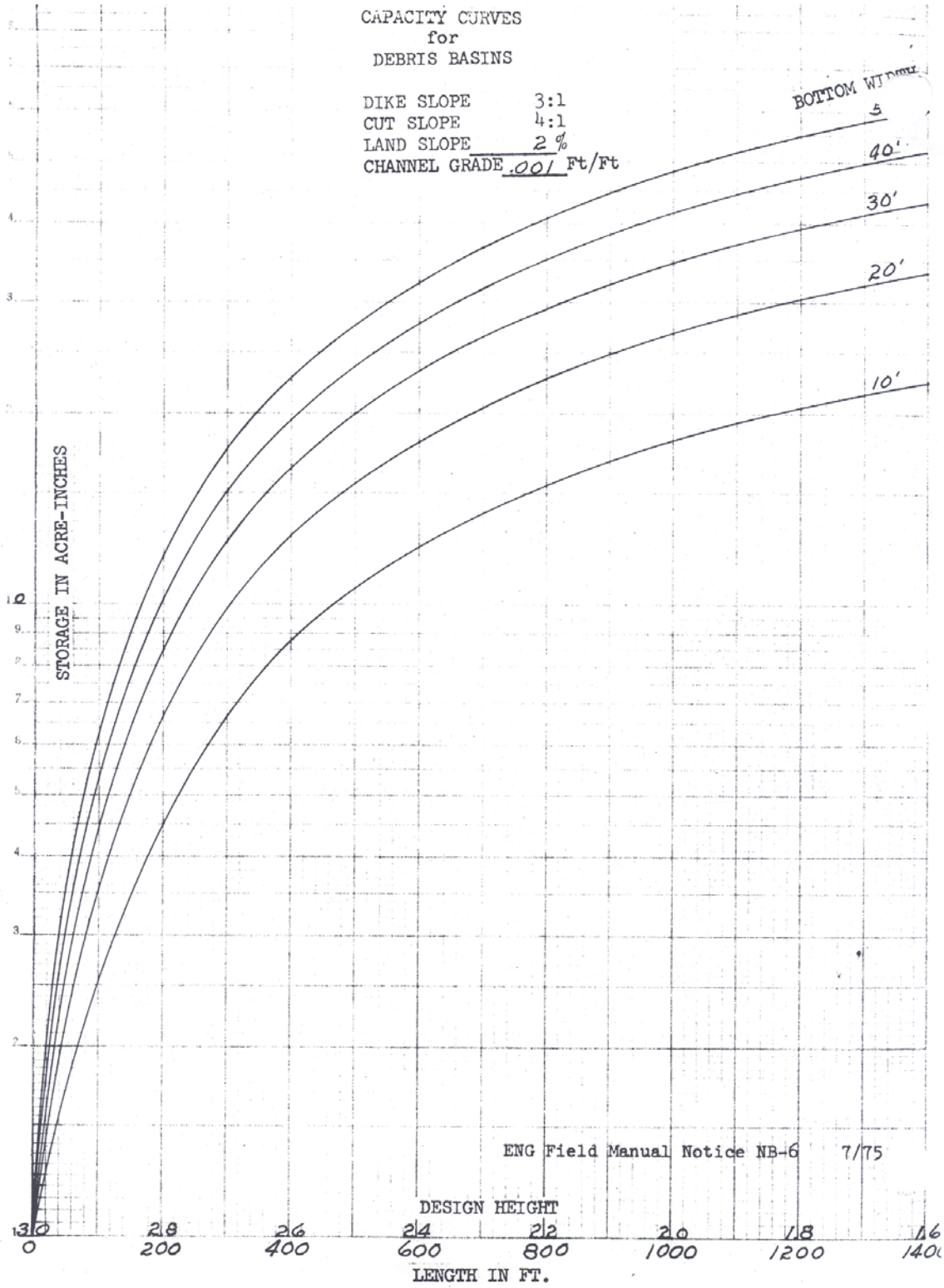

CAPACITY TABLES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ___ / %
CHANNEL GRADE .001 Ft/Ft
STORAGE IN ACRE-INCHES
BOTTOM WIDTH
50'
40'
30'
20'
10'
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
1400
1600
1800
2000
2200
2400
2600
LENGTH IN FT.

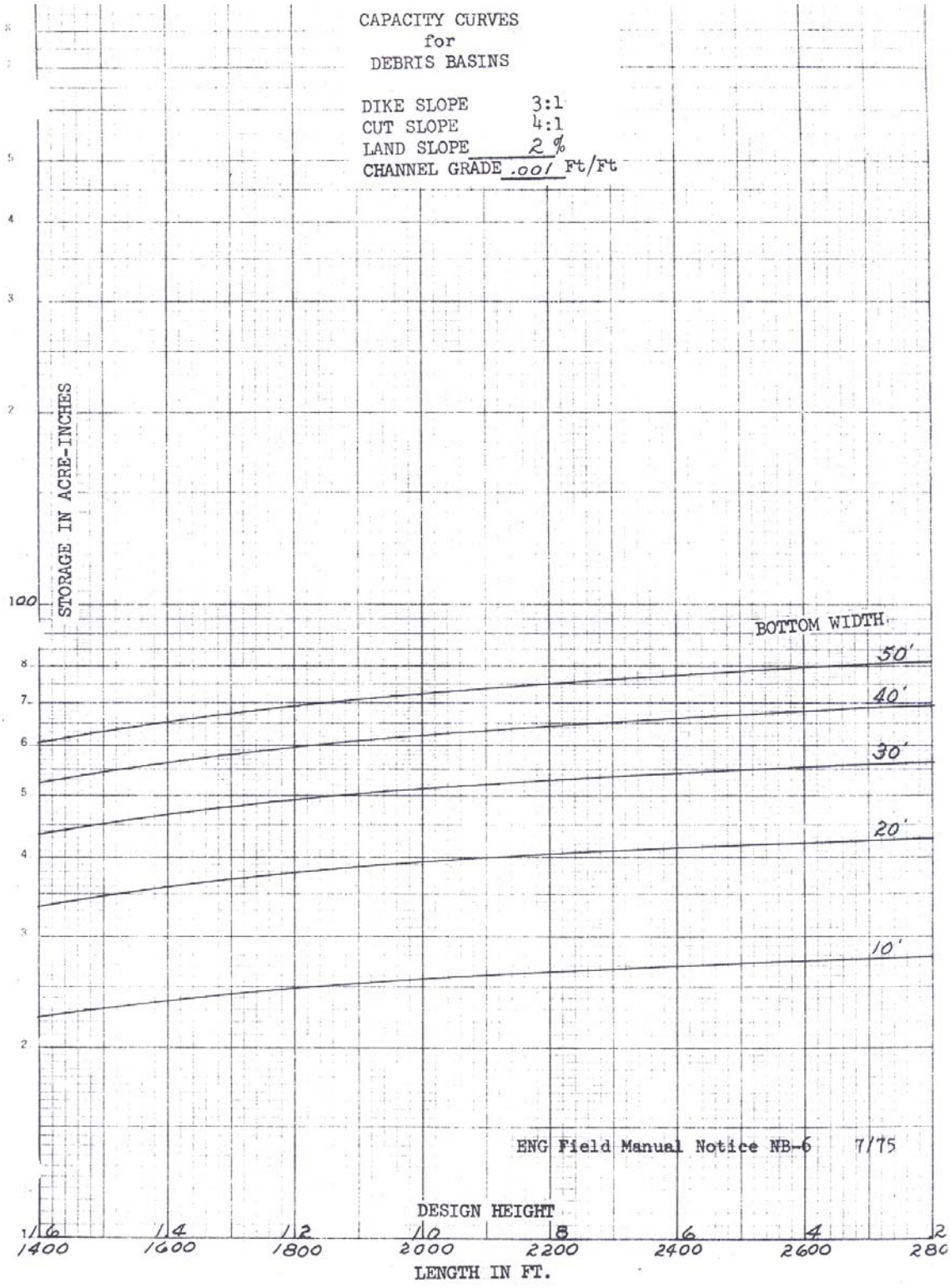

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE / %
CHANNEL GRADE .002 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/7
DESIGN HEIGHT
2.6
2.2
1.8
1.4
1.0
.6
.2
0
200
400
600
800
1000
1200
1400
LENGTH IN FT.

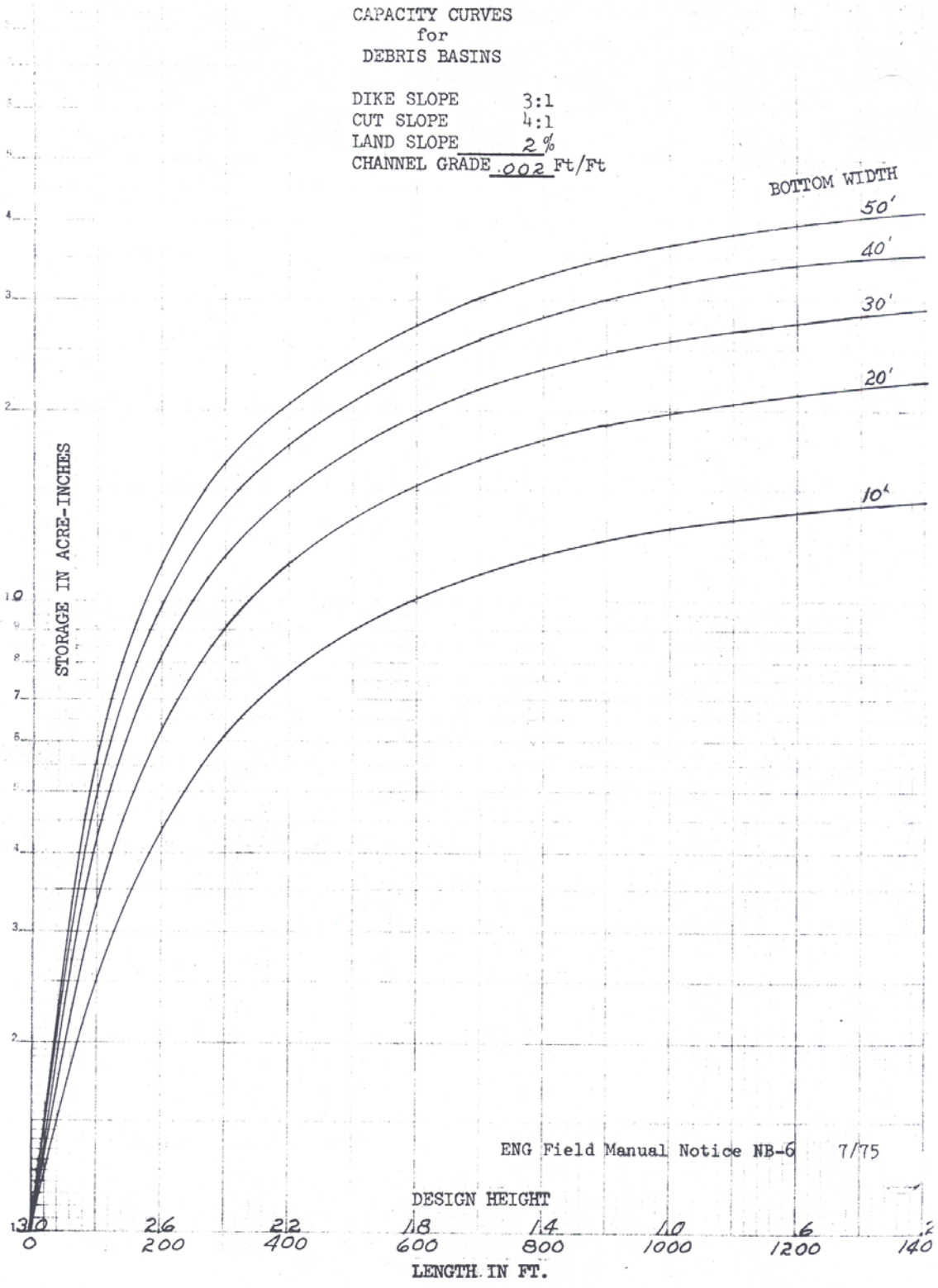

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE / %
CHANNEL GRADE .003 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
0
200
400
600
800
1000
LENGTH IN FT.

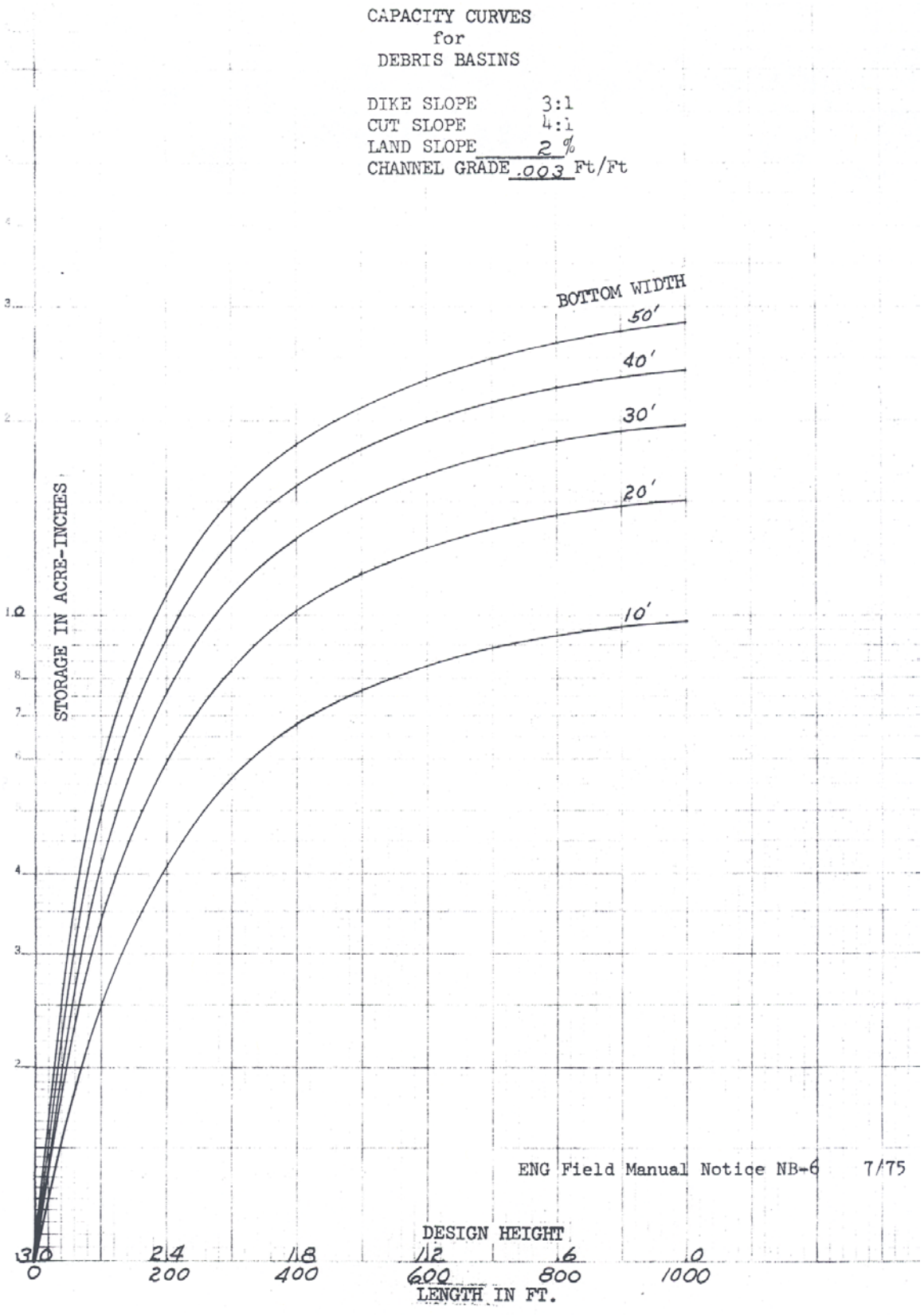

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 1 %
CHANNEL GRADE .004 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.2
1.4
.6
.0
0
200
400
600
800
LENGTH IN FT.

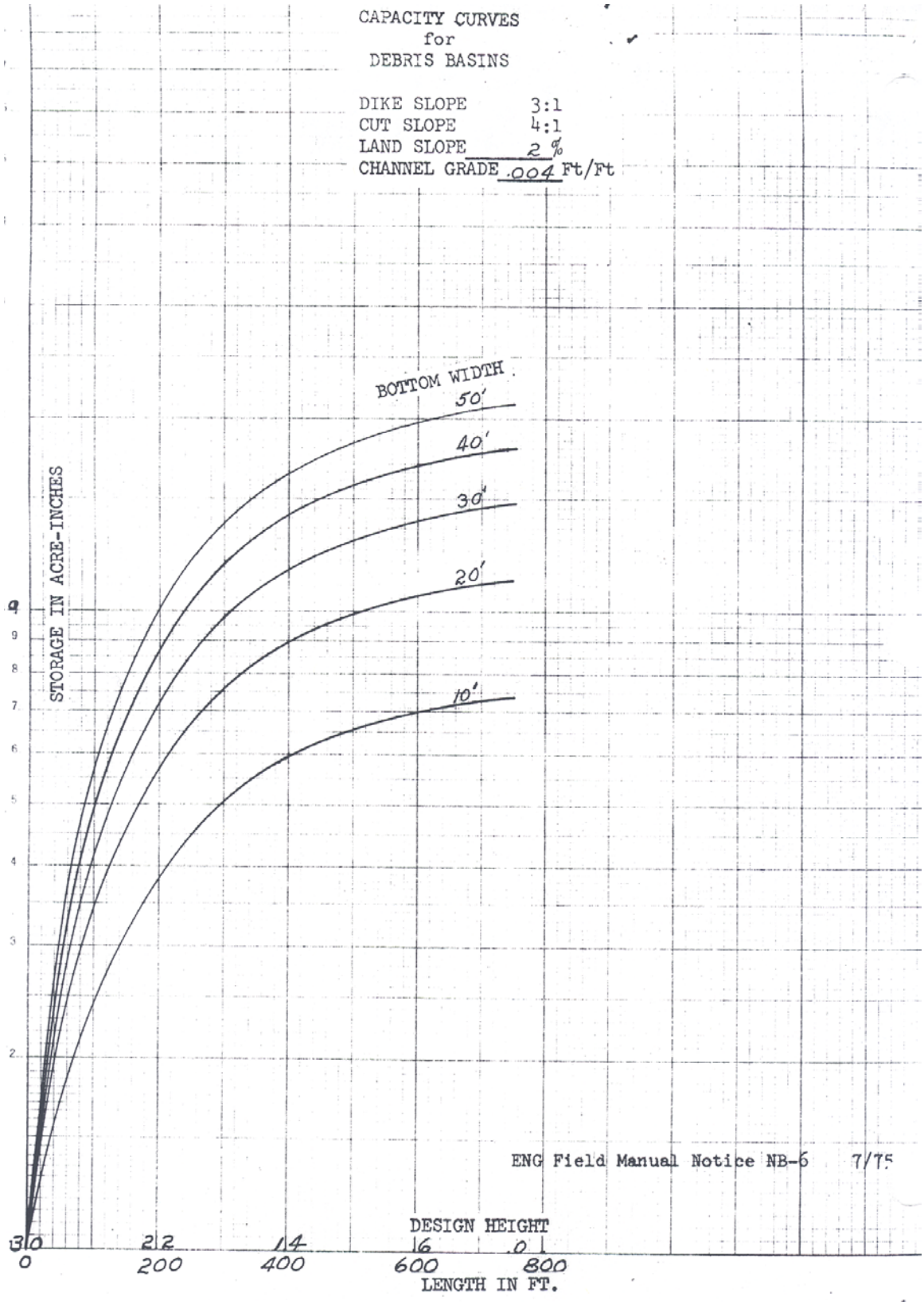

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE / %
CHANNEL GRADE .005 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
0
200
400
600
LENGTH IN FT.

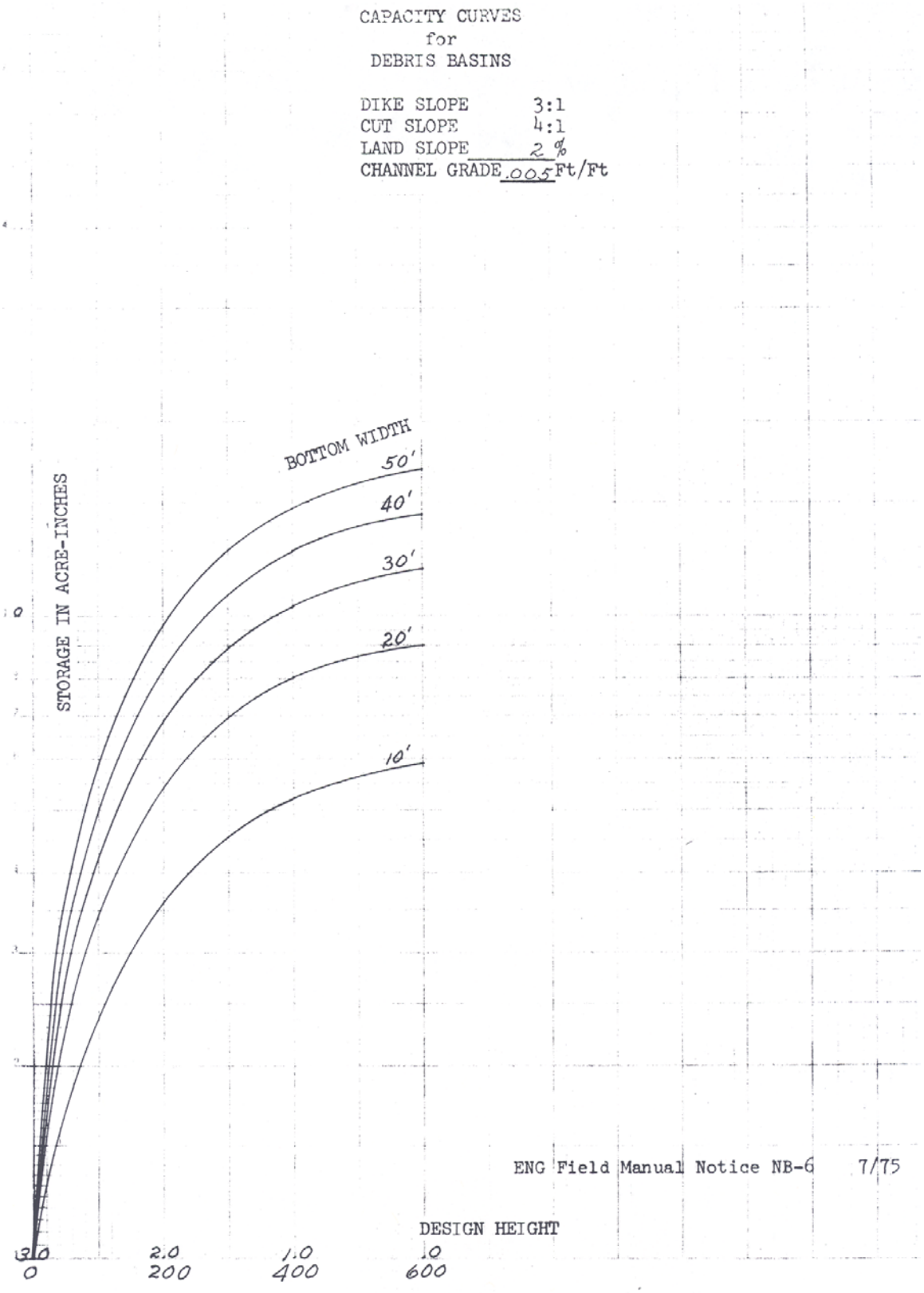

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 2 %
CHANNEL GRADE .001 Ft/Ft
BOTTOM WIDTH
5
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
0
200
400
600
800
1000
1200
LENGTH IN FT.

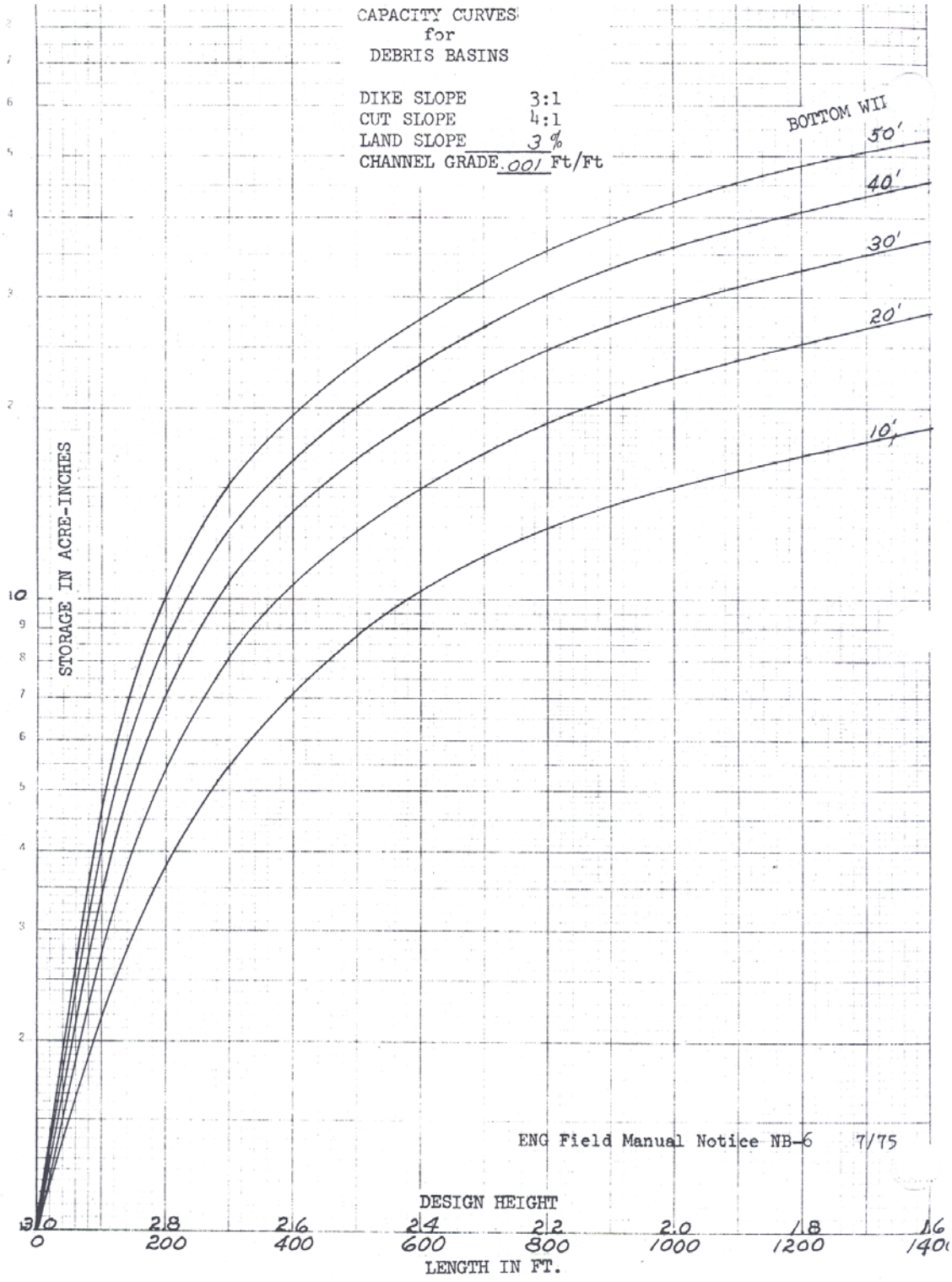

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 2 %
CHANNEL GRADE .001 Ft/Ft
STORAGE IN ACRE-INCHES
BOTTOM WIDTH
50'
40'
30'
20'
10'
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
1/6
1/4
1/2
1/0
8
6
4
2
1400
1600
1800
2000
2200
2400
2600
LENGTH IN FT.

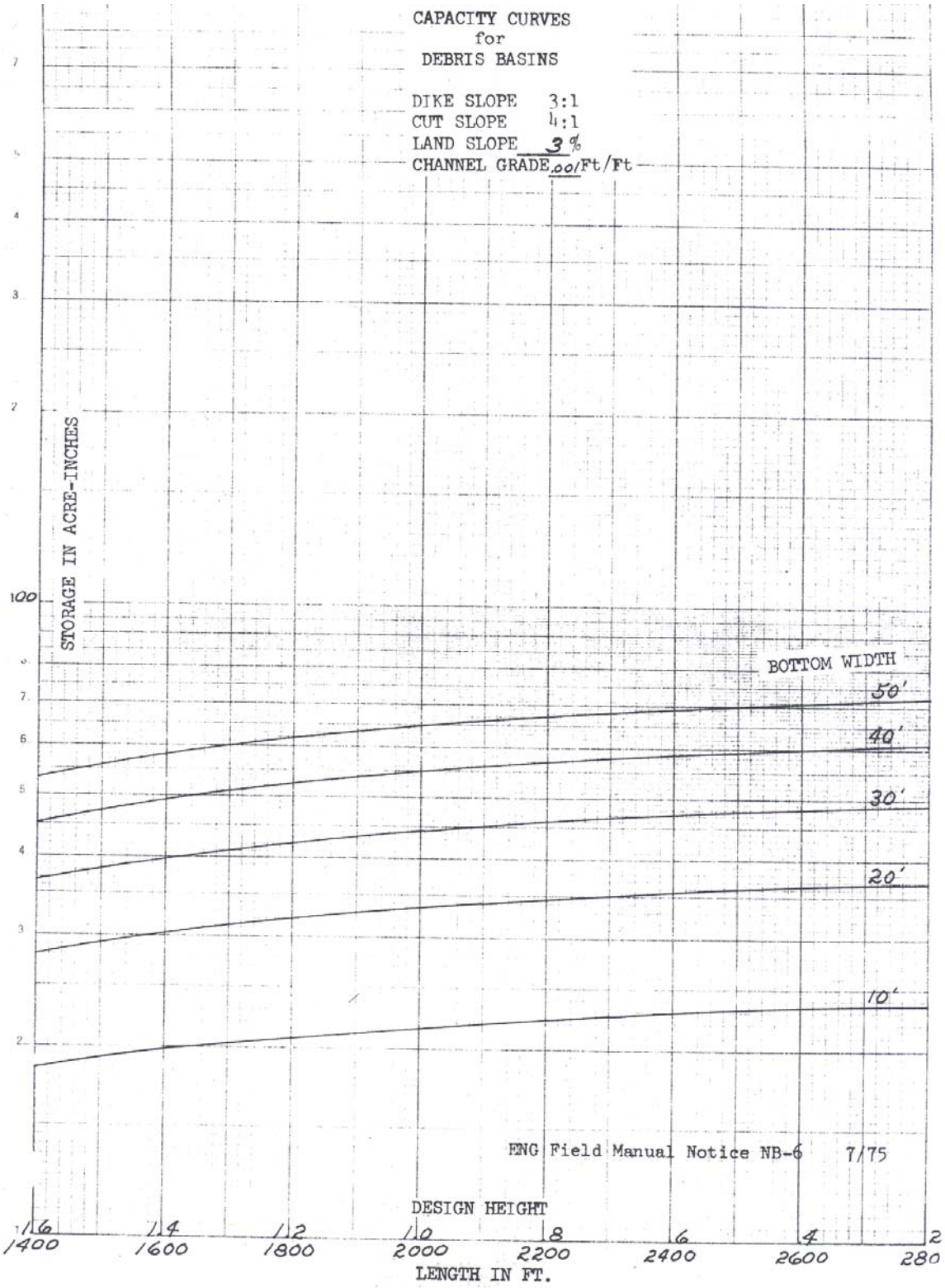

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 2 %
CHANNEL GRADE .002 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
0
200
400
600
800
1000
1200
LENGTH IN FT.

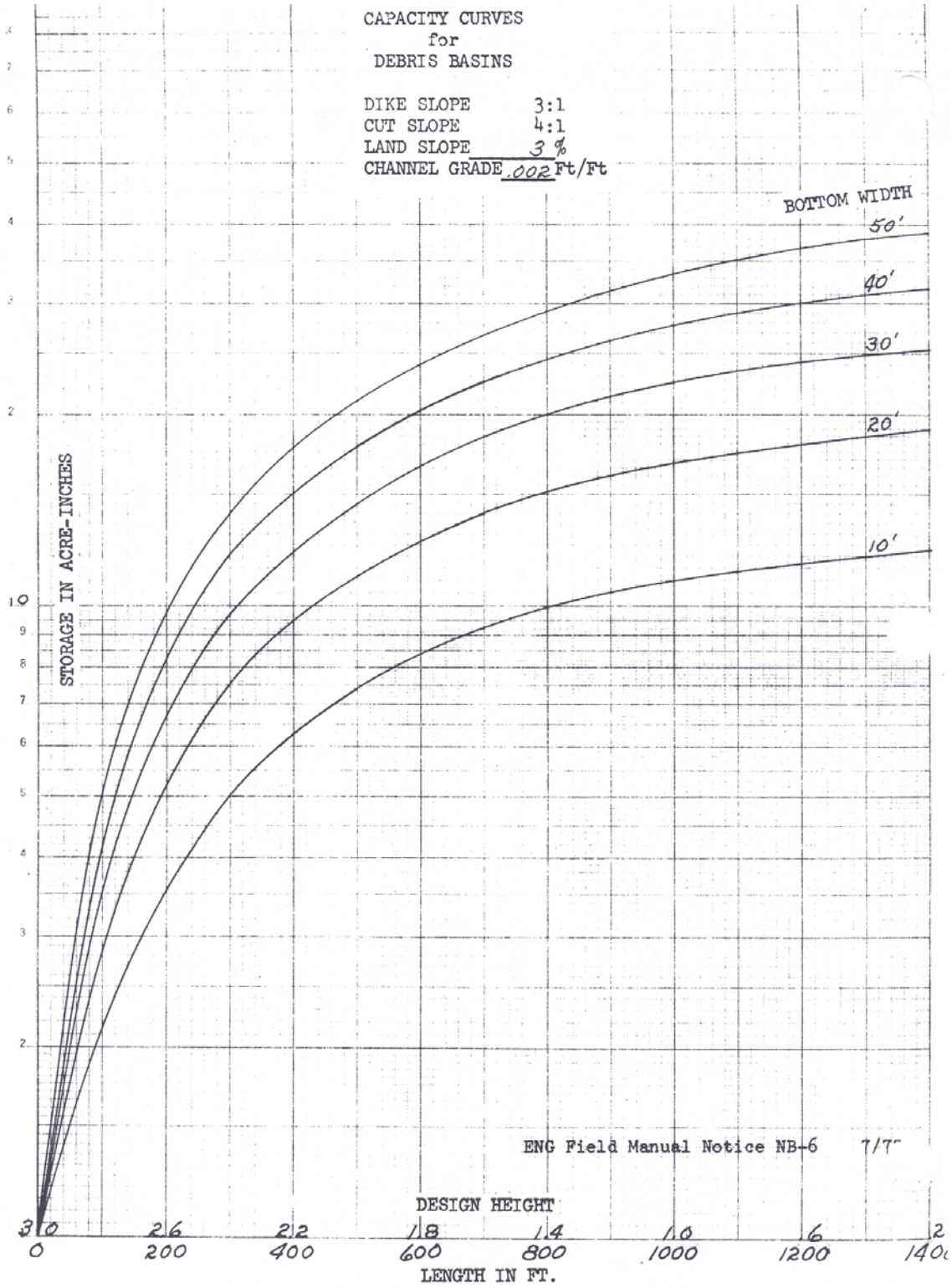

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 2 %
CHANNEL GRADE .003 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3 0
2 4
1 8
1 2
6
0
0
200
400
600
800
1000
LENGTH IN FT.

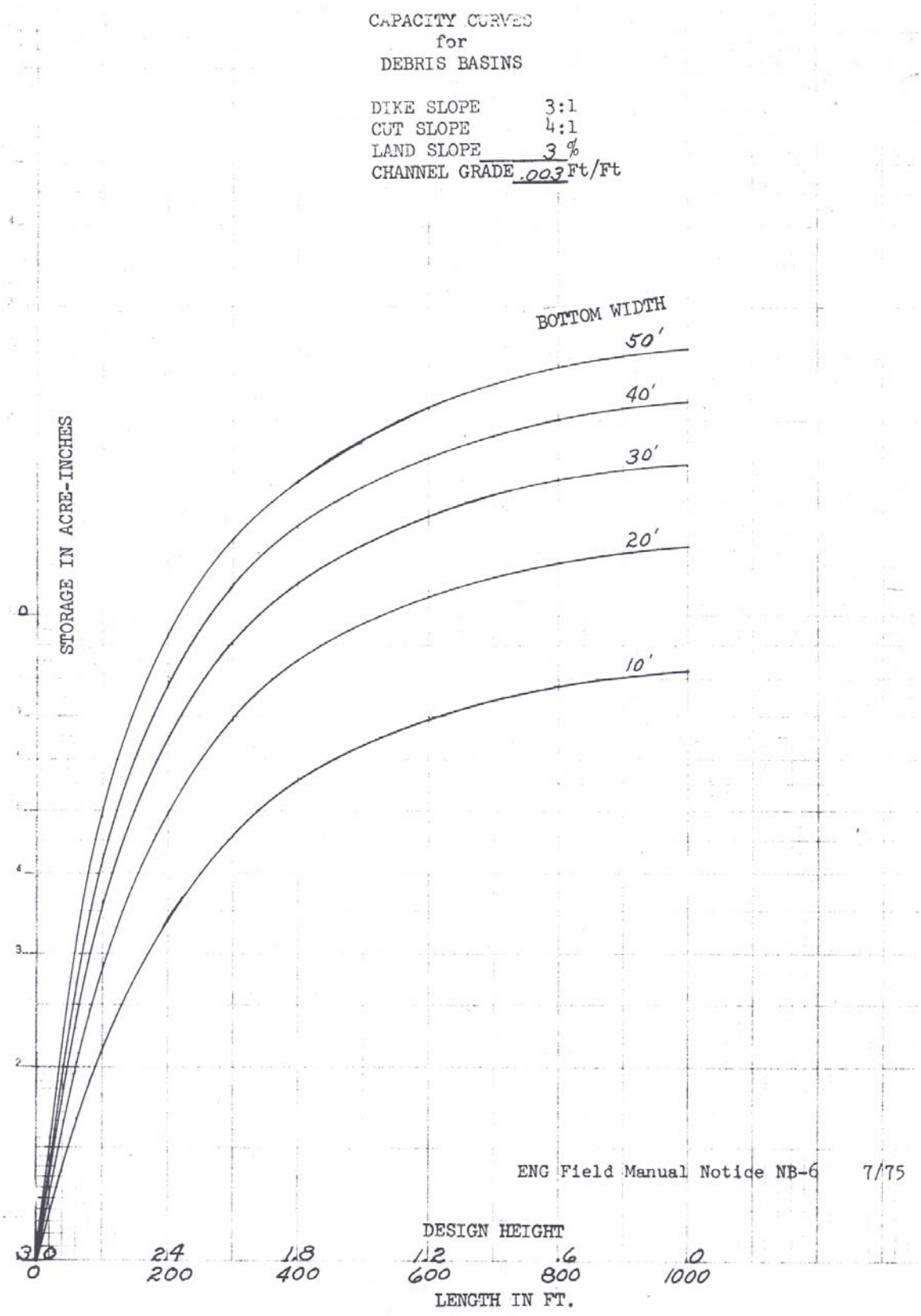

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 2 %
CHANNEL GRADE .004 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.2
1.4
1.6
.0
0
200
400
600
800
LENGTH IN FT.

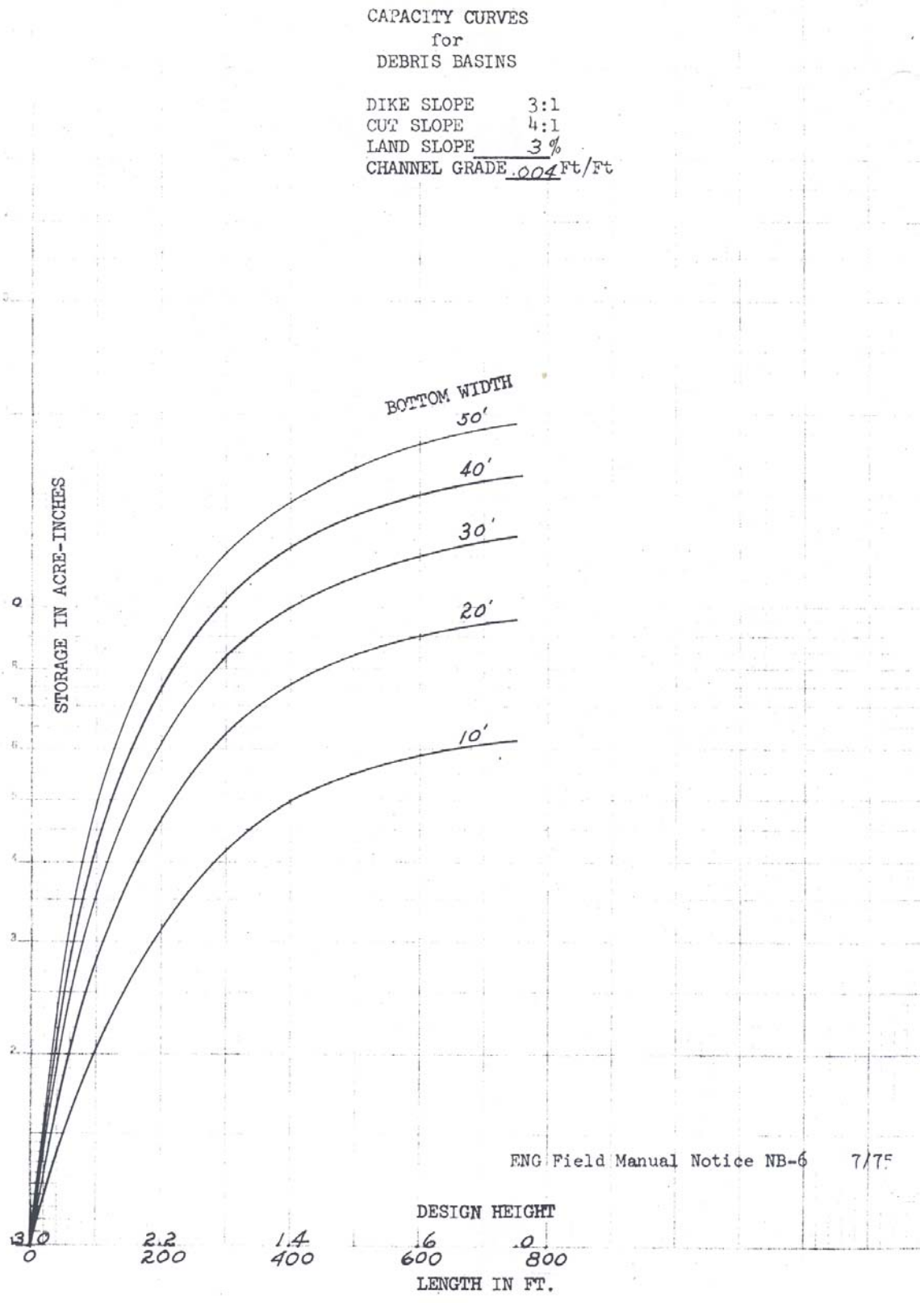

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 2 %
CHANNEL GRADE .005 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
0
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.0
1.0
.0
0
200
400
600

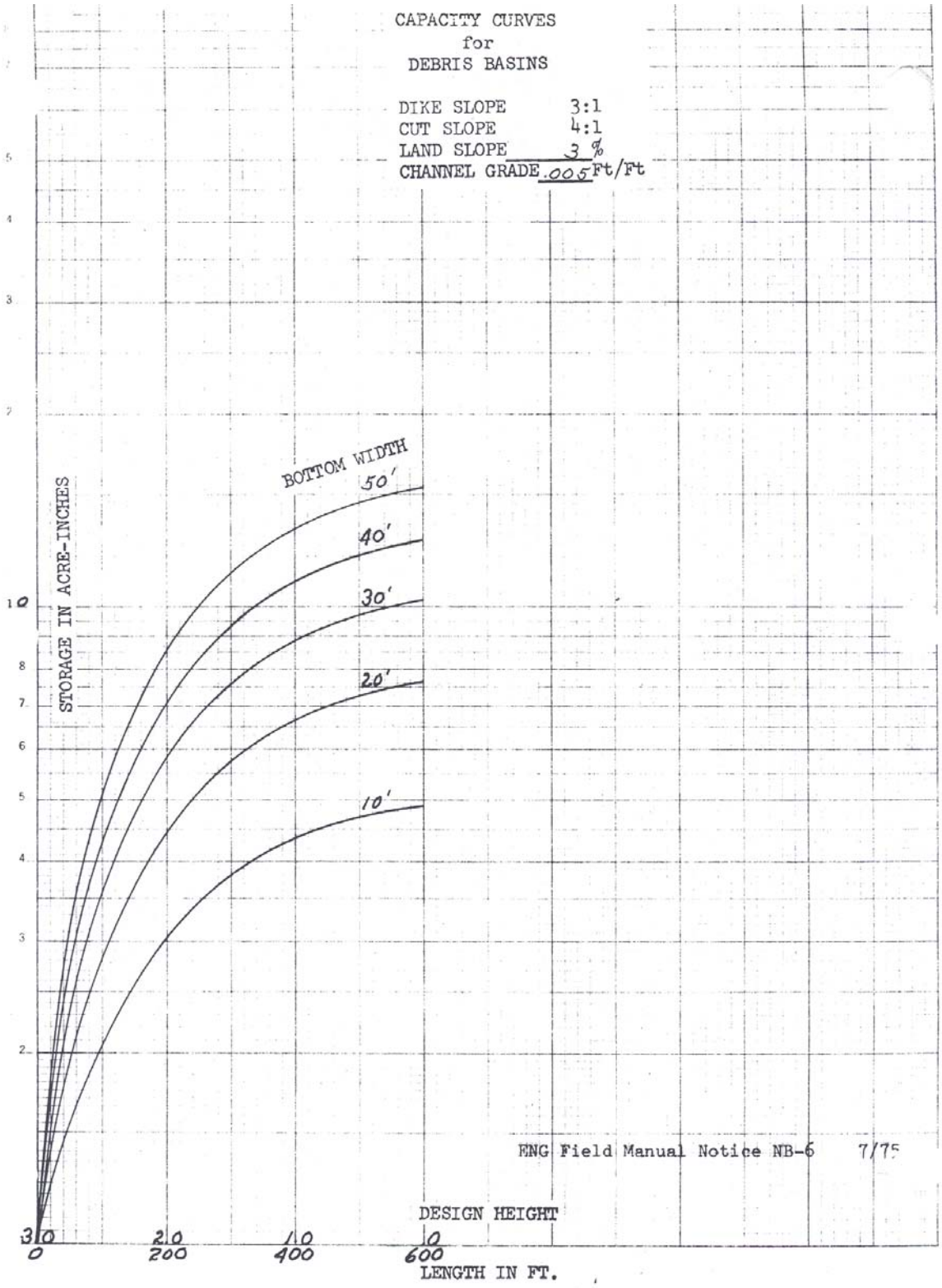

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 3 %
CHANNEL GRADE .001 Ft/Ft
BOTTOM WII
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
0
200
400
600
800
1000
1200
1400
LENGTH IN FT.

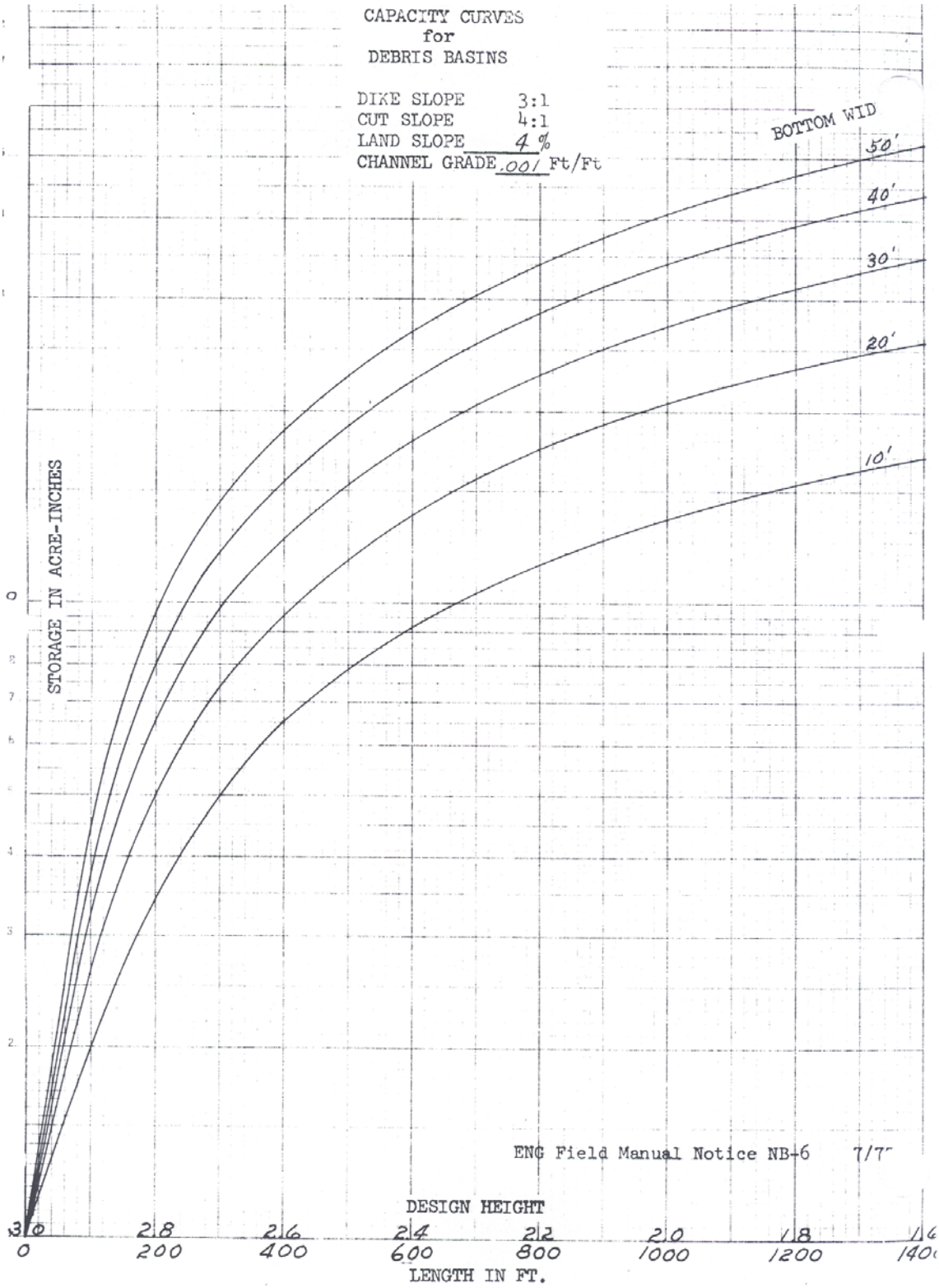

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 3 %
CHANNEL GRADE .00 Ft/Ft
STORAGE IN ACRE-INCHES
BOTTOM WIDTH
50'
40'
30'
20'
10'
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
1.6
1.4
1.2
1.0
8
6
4
2
1400
1600
1800
2000
2200
2400
2600
2800
LENGTH IN FT.

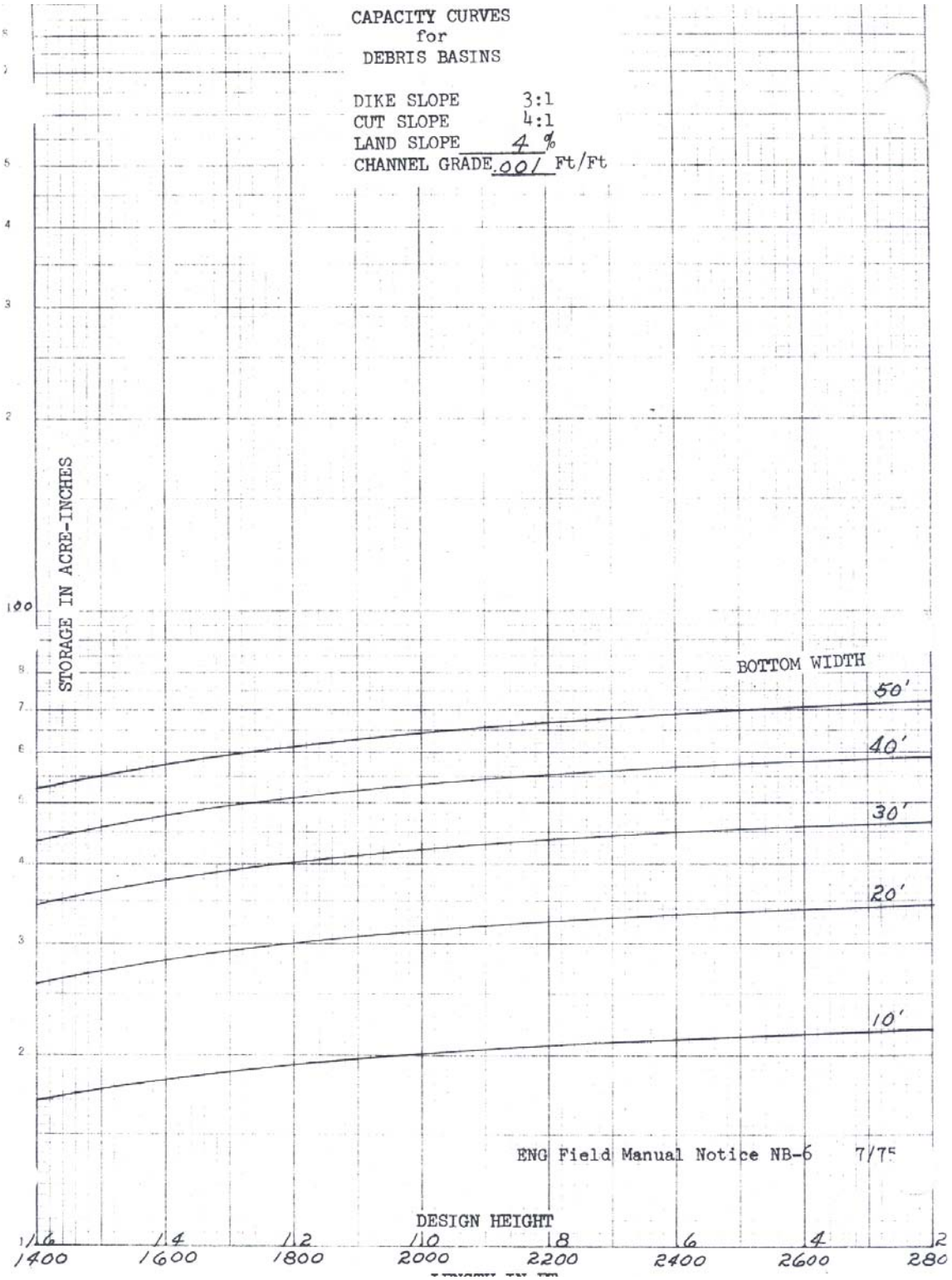

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 3 %
CHANNEL GRADE .002 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/7
DESIGN HEIGHT
3.0
2.6
2.2
1.8
1.4
1.0
.6
.2
0
200
400
600
800
1000
1200
1400
LENGTH IN FT.

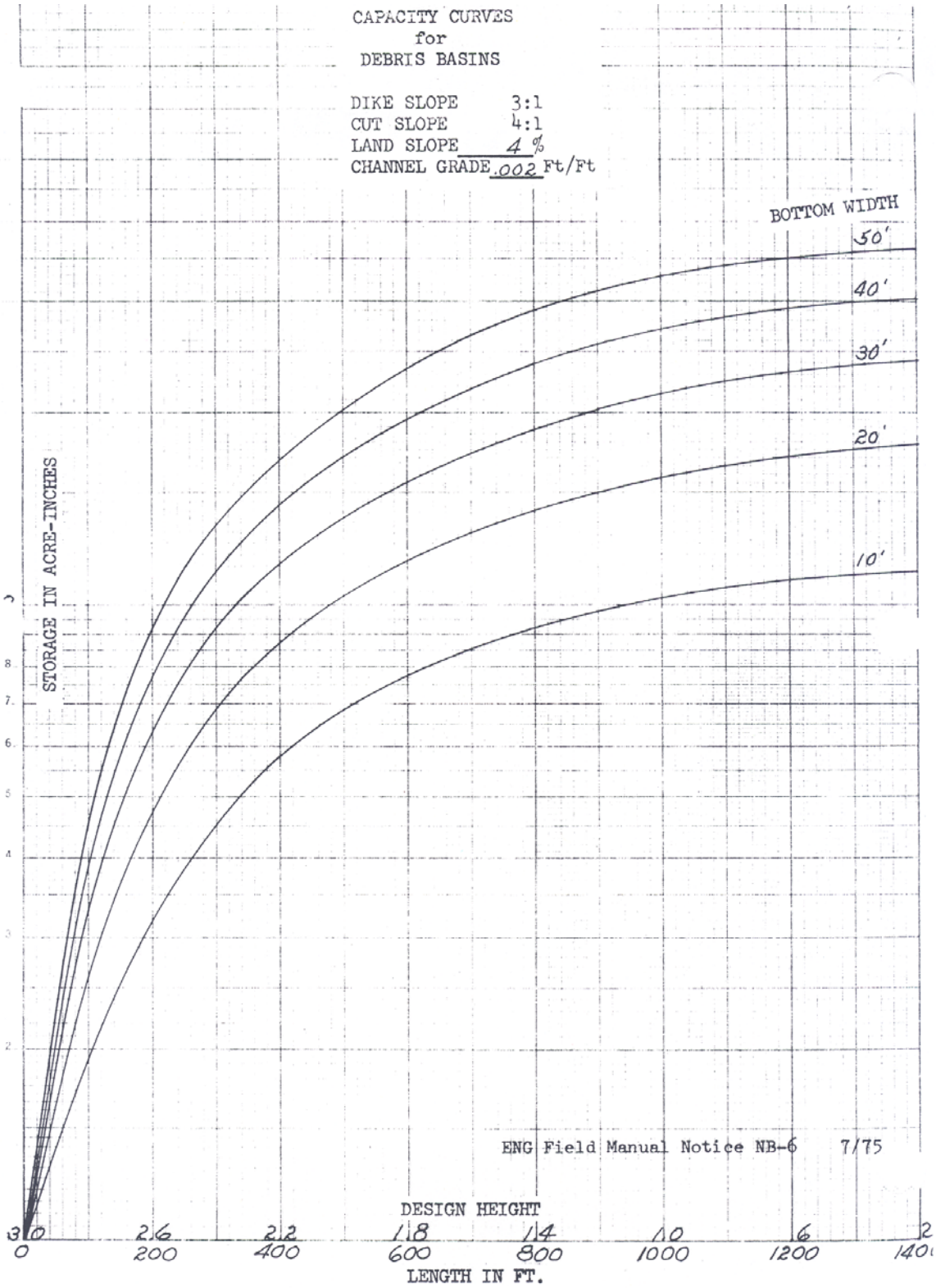

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 3 %
CHANNEL GRADE .003 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.4
1.8
1.2
.6
0
0
200
400
600
800
1000
LENGTH IN FT.

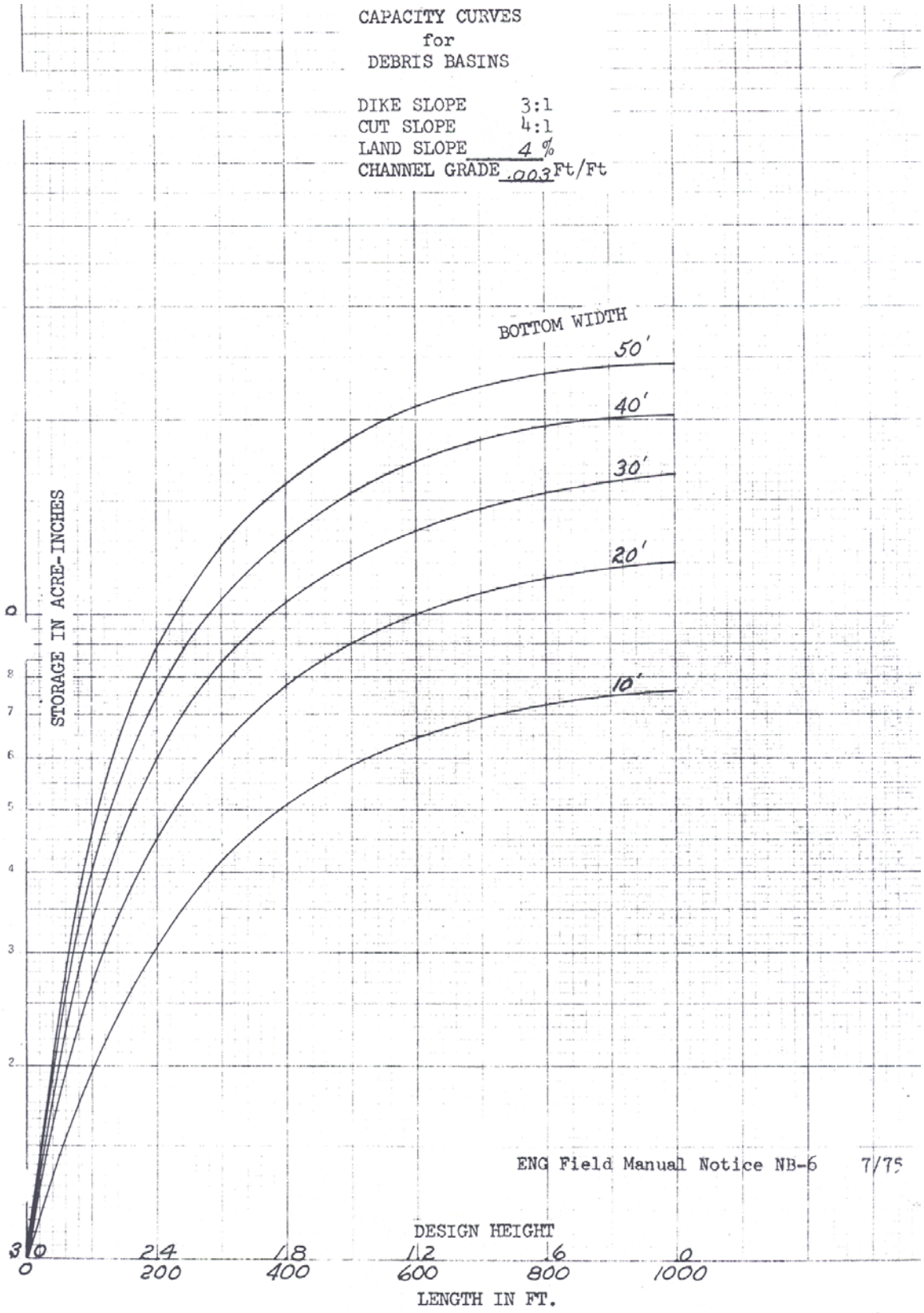

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 3 %
CHANNEL GRADE .004 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.2
1.4
.6
.0
0
200
400
600
800
LENGTH IN FT.

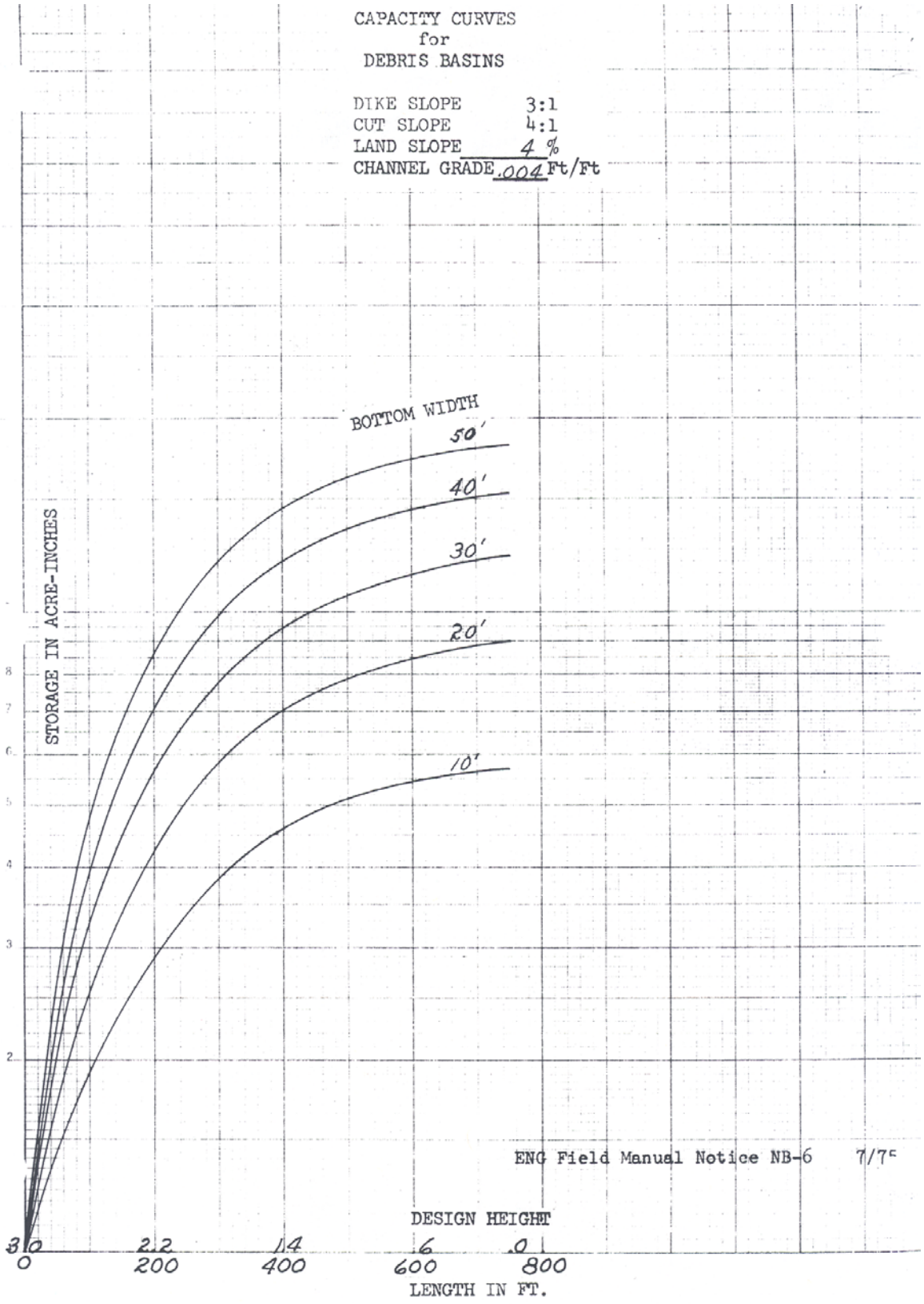

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 3 %
CHANNEL GRADE .005 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
30
20
10
0
0
200
400
600
LENGTH IN FT.

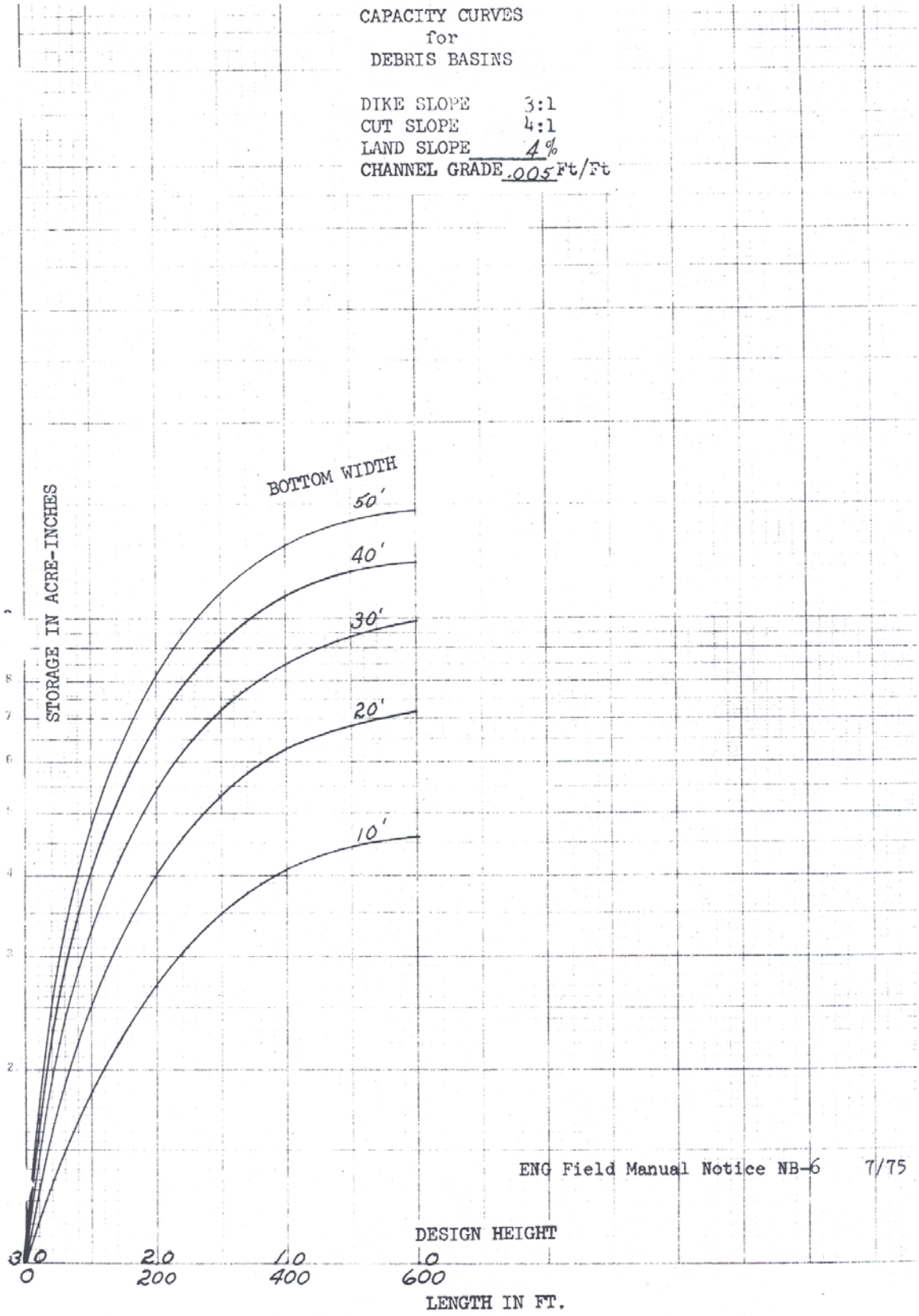

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 4 %
CHANNEL GRADE .001 Ft/Ft
BOTTOM WID
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/7
DESIGN HEIGHT
0
200
400
600
800
1000
1200
LENGTH IN FT.

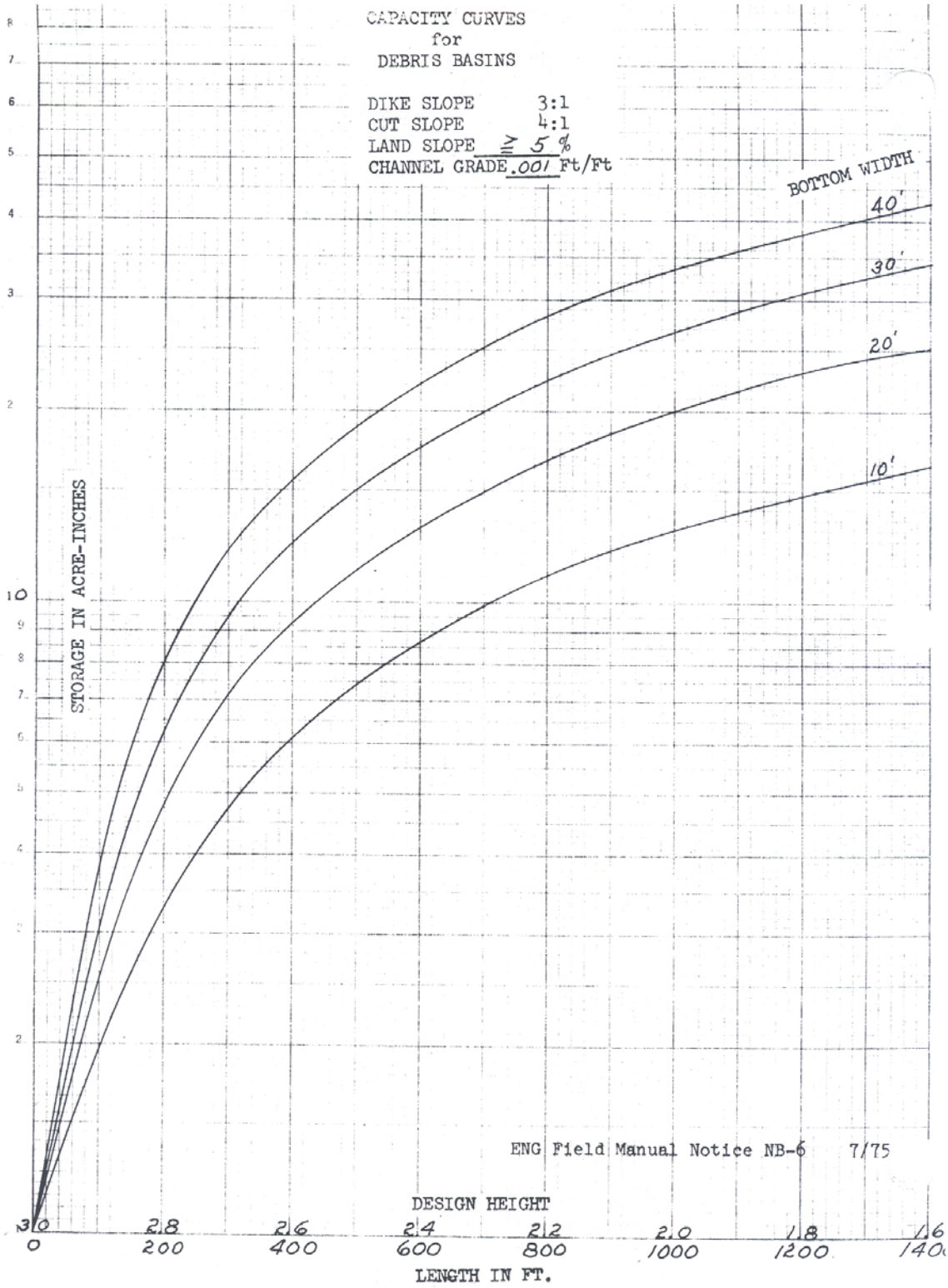

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 4 %
CHANNEL GRADE .001 Ft/Ft
STORAGE IN ACRE-INCHES
BOTTOM WIDTH
50'
40'
30'
20'
10'
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
1400
1600
1800
2000
2200
2400
2600

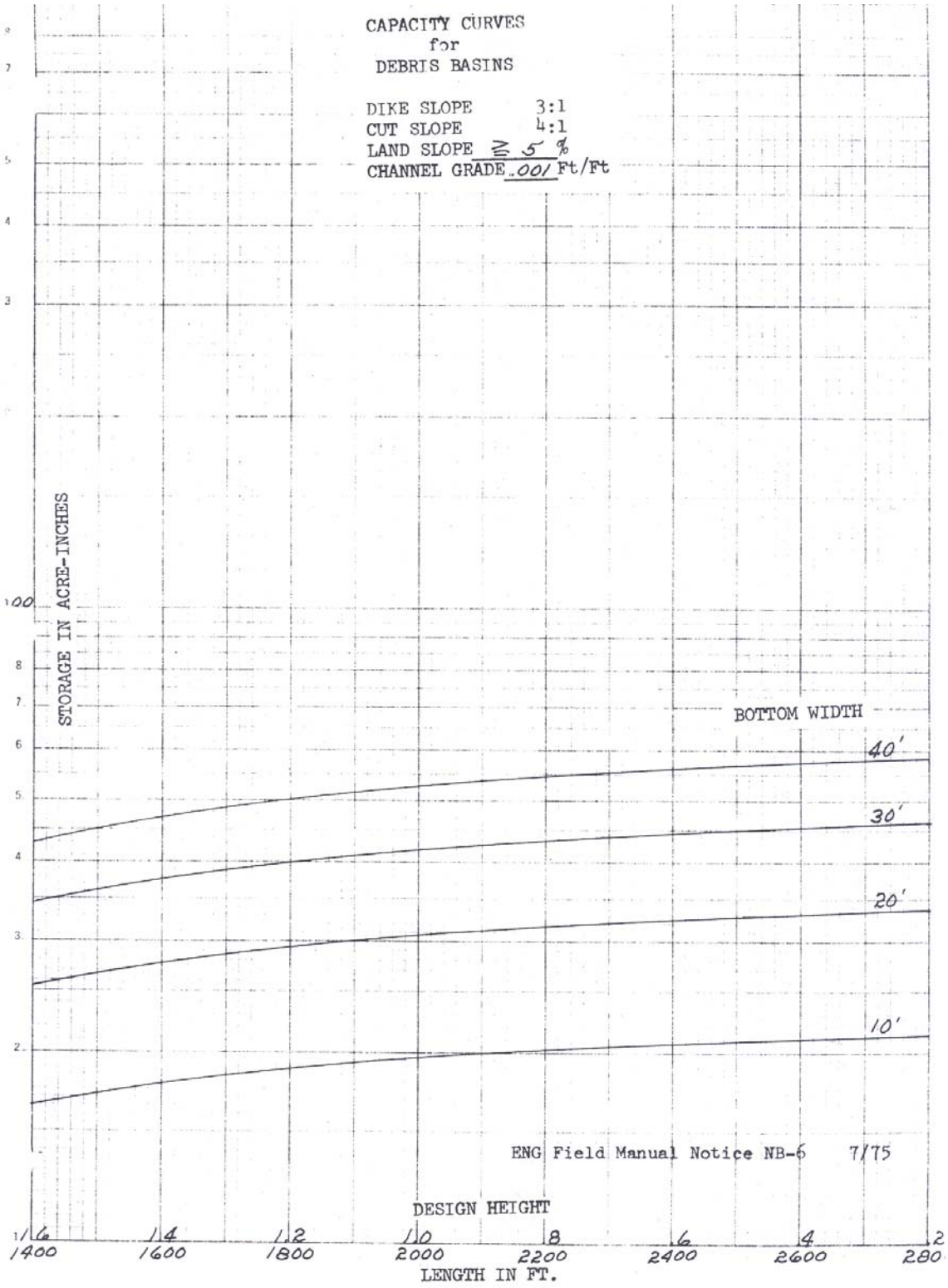

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 4 %
CHANNEL GRADE .002 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.6
2.2
1.8
1.4
1.0
.6
.2
0
200
400
600
800
1000
1200
1400
LENGTH IN FT.

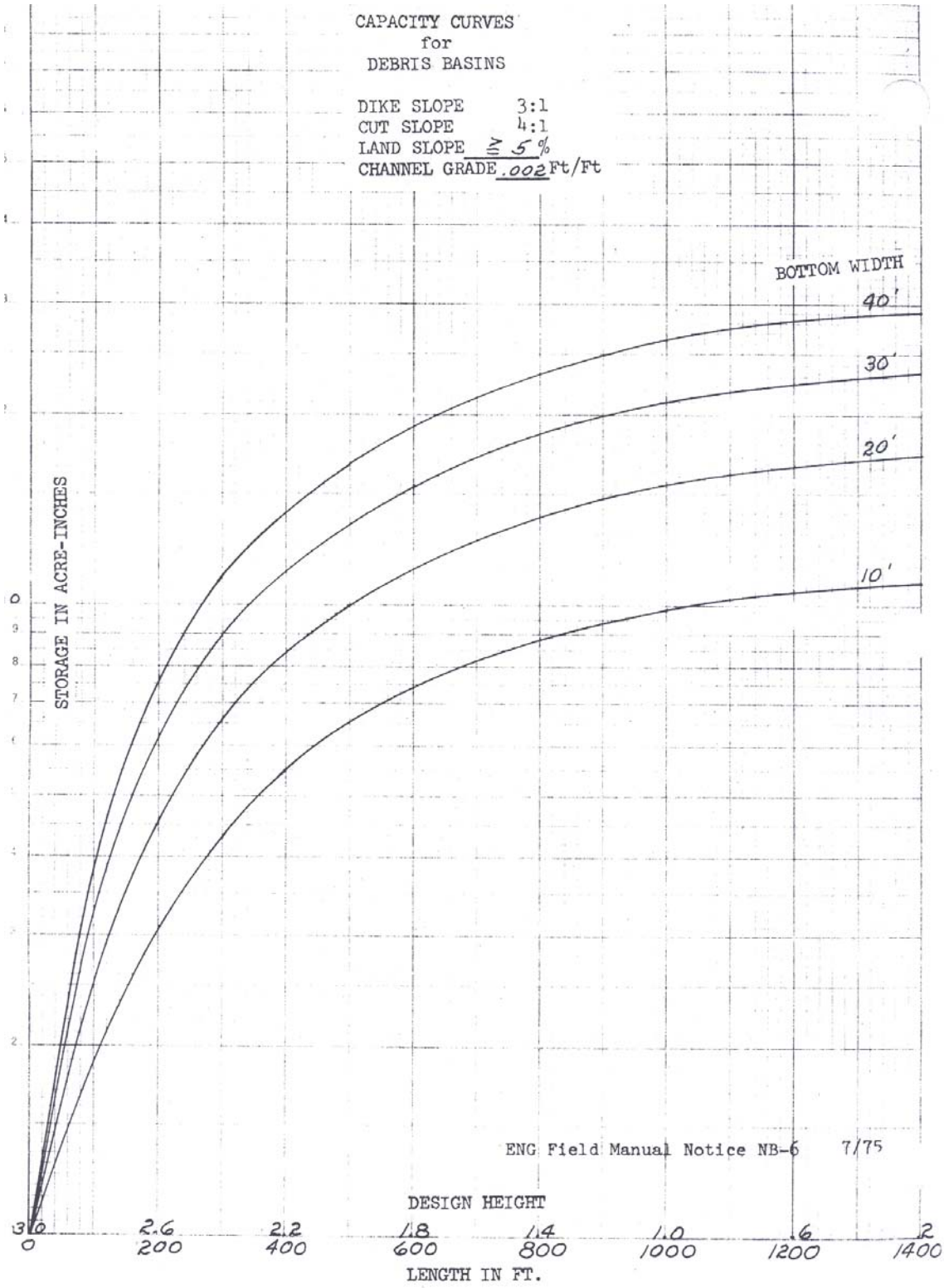

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 4 %
CHANNEL GRADE .003 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
0
8
7
6
5
4
3
2
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.4
1.8
1.2
.6
.0
0
200
400
600
800
1000
LENGTH IN FT.

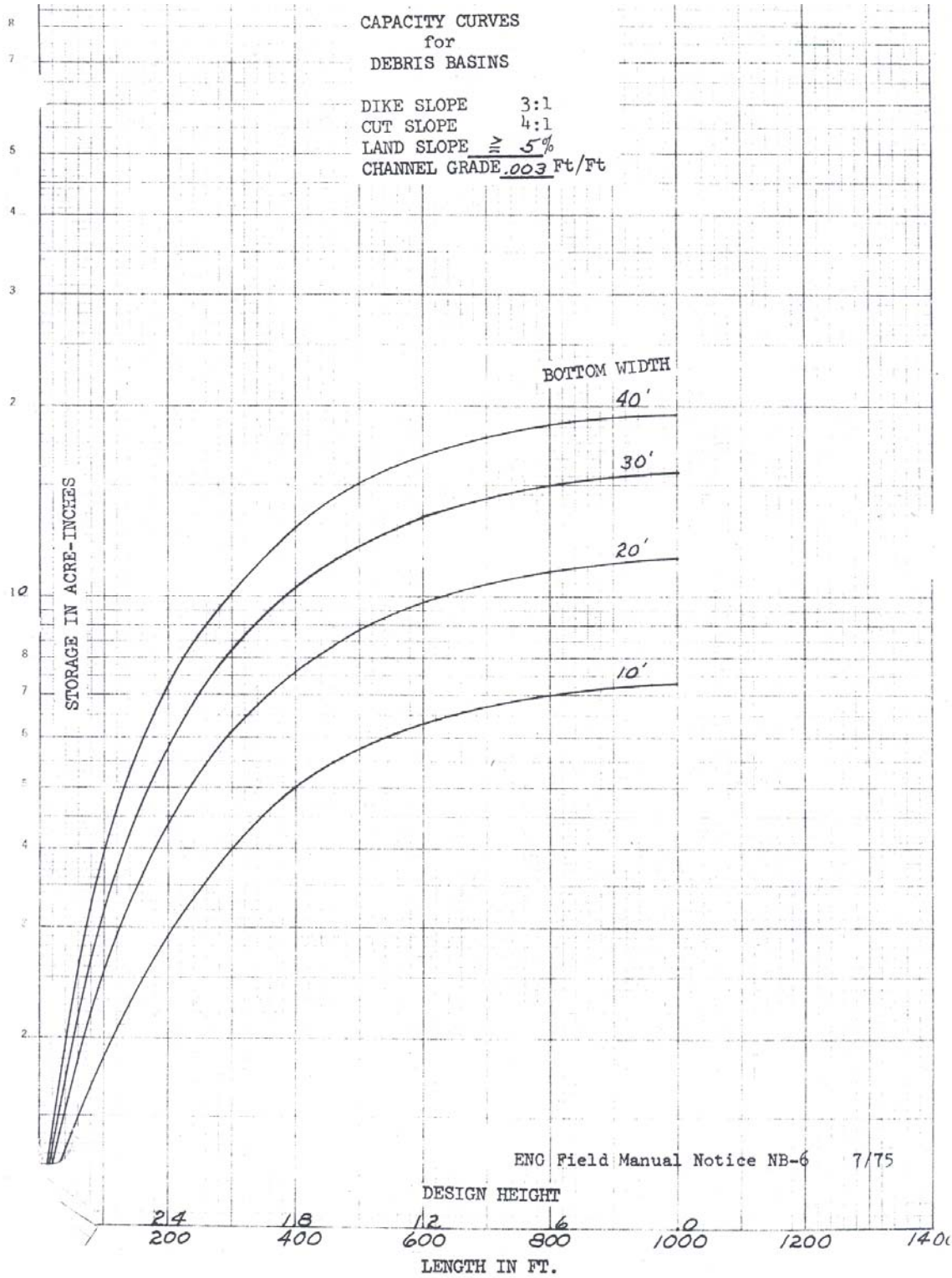

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 4 %
CHANNEL GRADE .004 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.2
1.4
.6
.0
0
200
400
600
800
LENGTH IN FT.

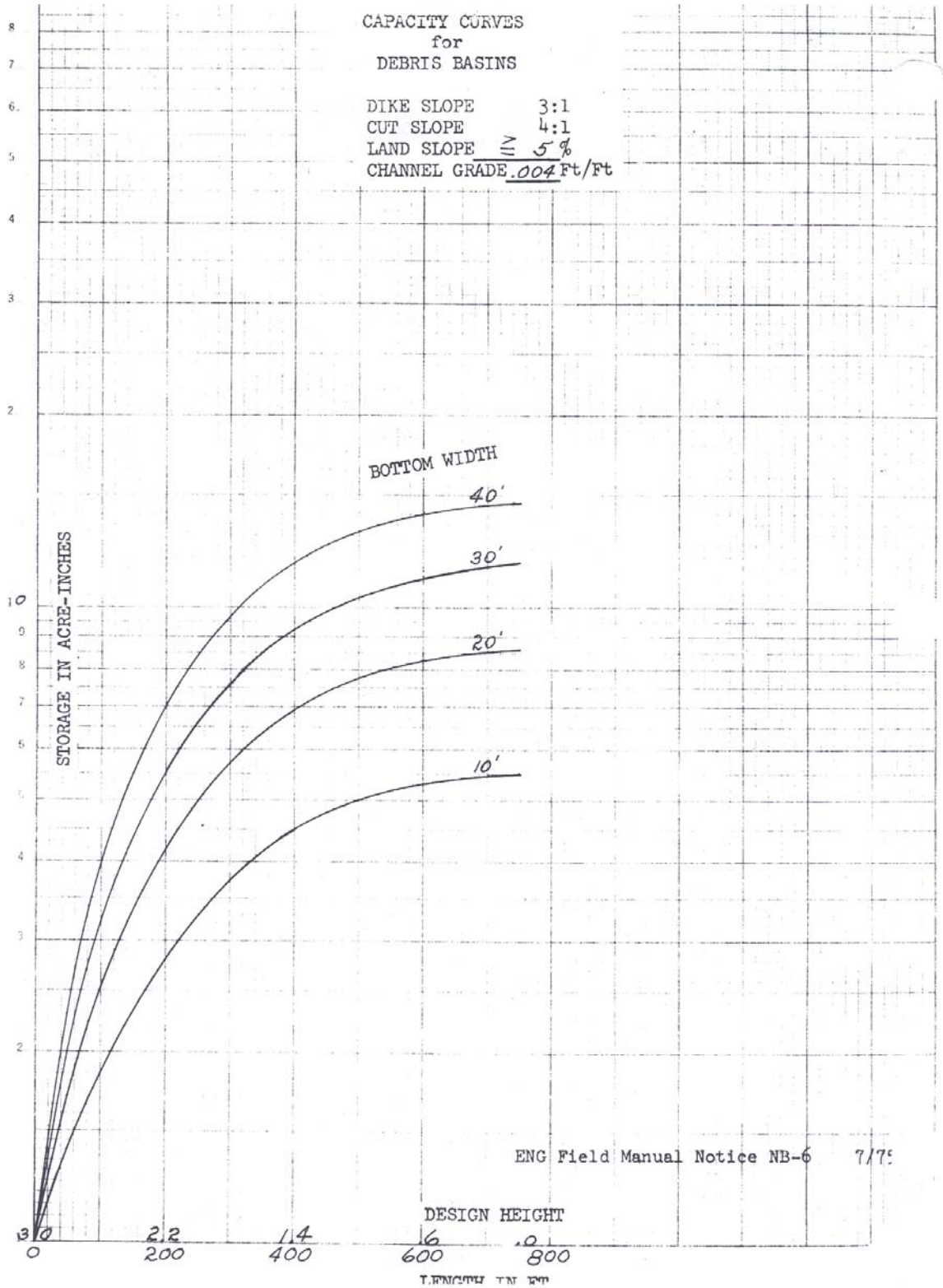

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE 4%
CHANNEL GRADE .005 Ft/Ft
BOTTOM WIDTH
50'
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.0
1.0
0
0
200
400
600
LENGTH IN FT.

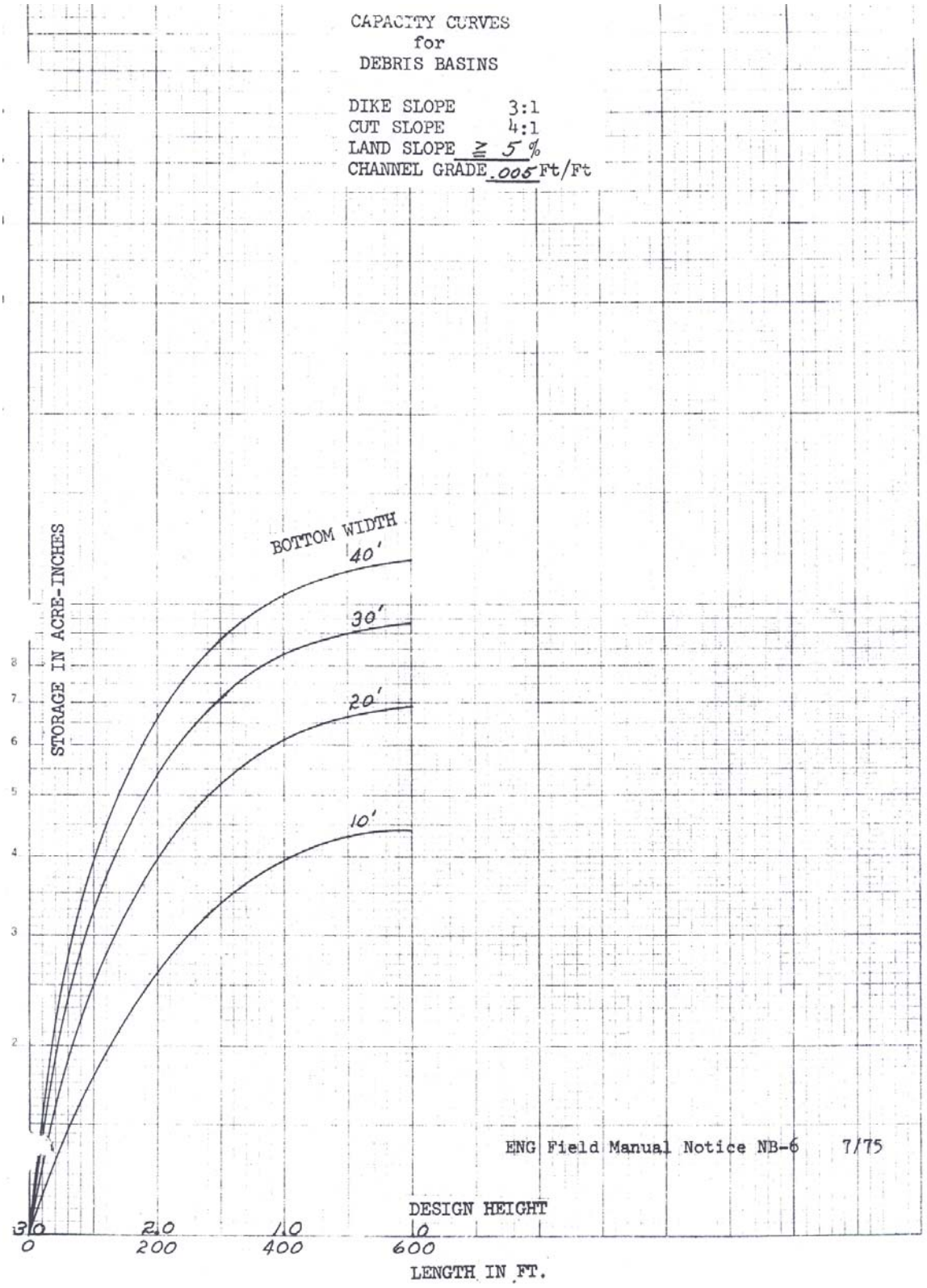

CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ≦ 5 %
CHANNEL GRADE .001 Ft/Ft
BOTTOM WIDTH
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
0
200
400
600
800
1000
1200
1400
LENGTH IN FT.


CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ≧ 5 %
CHANNEL GRADE .001 Ft/Ft
STORAGE IN ACRE-INCHES
BOTTOM WIDTH
40'
30'
20'
10'
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
1400
1600
1800
2000
2200
2400
2600
LENGTH IN FT.


CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ≧ 5 %
CHANNEL GRADE .002 Ft/Ft
BOTTOM WIDTH
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
3.6
2.6
2.2
1.8
1.4
1.0
.6
.2
0
200
400
600
800
1000
1200
1400
LENGTH IN FT.


CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ≧ 5%
CHANNEL GRADE .003 Ft/Ft
BOTTOM WIDTH
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
200
400
600
800
1000
1200
LENGTH IN FT.


CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ≧ 5 %
CHANNEL GRADE .004 Ft/Ft
BOTTOM WIDTH
40'
30'
20'
10'
STORAGE IN ACRE-INCHES
ENG Field Manual Notice NB-6 7/7
DESIGN HEIGHT
3.0
2.2
1.4
.6
.0
0
200
400
600
800
LENGTH IN FT


CAPACITY CURVES
for
DEBRIS BASINS
DIKE SLOPE 3:1
CUT SLOPE 4:1
LAND SLOPE ≥ 5 %
CHANNEL GRADE .005 Ft/Ft
STORAGE IN ACRE-INCHES
BOTTOM WIDTH
40'
30'
20'
10'
ENG Field Manual Notice NB-6 7/75
DESIGN HEIGHT
LENGTH IN FT.
0
200
400
600