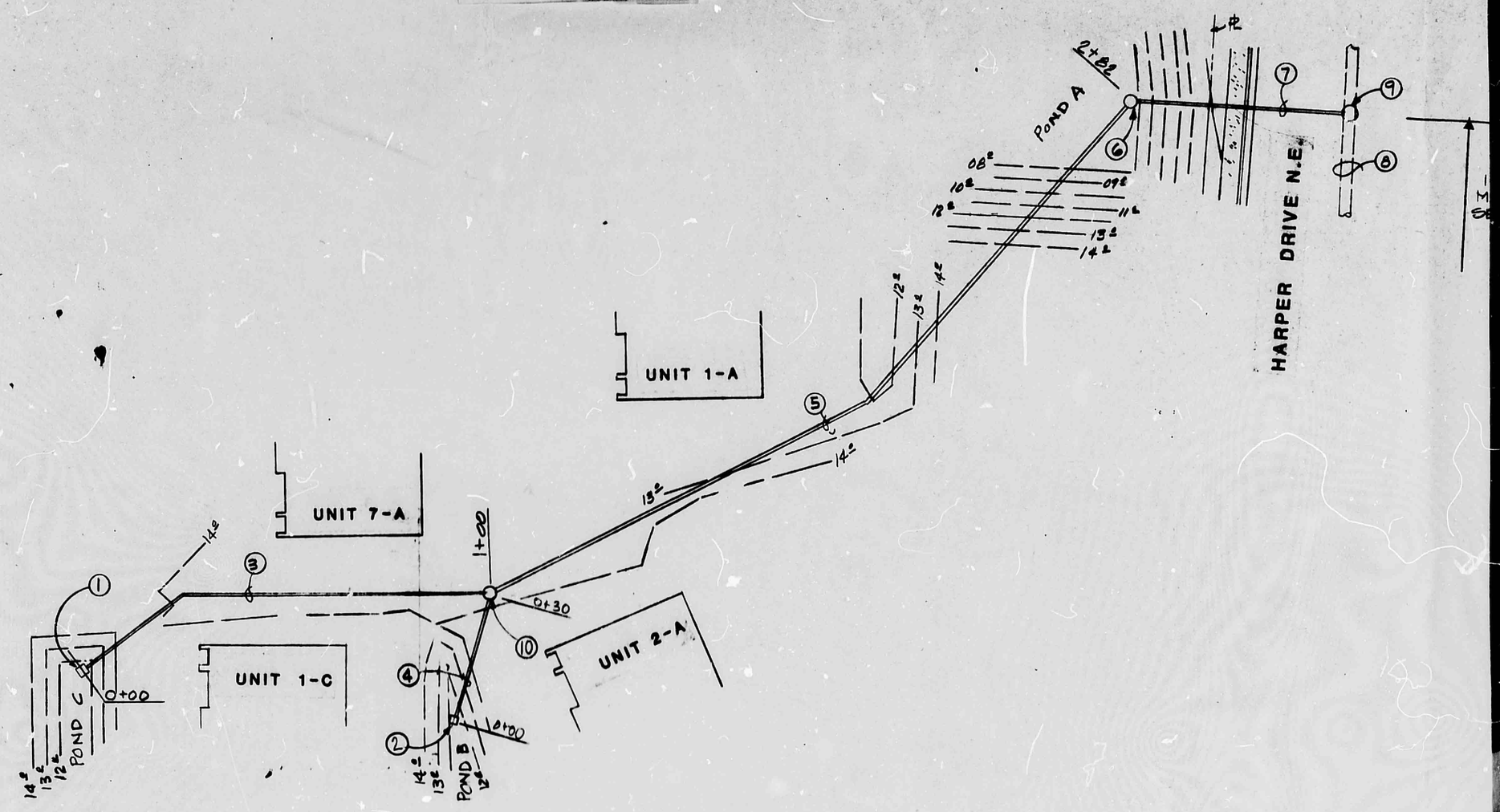
HYDROLOGY

E18/D16
2 PLANS

E18/D16

2 Plans

PLAN SHOT IN TWO SECTIONS.



PLAN	
NOTE BOOK NO.	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	RT. OF WAY CHECKED

BY	DATE

PROFILE	
NOTE BOOK NO.	SURVEYED
	PLOTTED
	GRADES CHECKED
	B. M. NOTED
	STRUCTURE NOTAT'NS CH'KD

BY	DATE

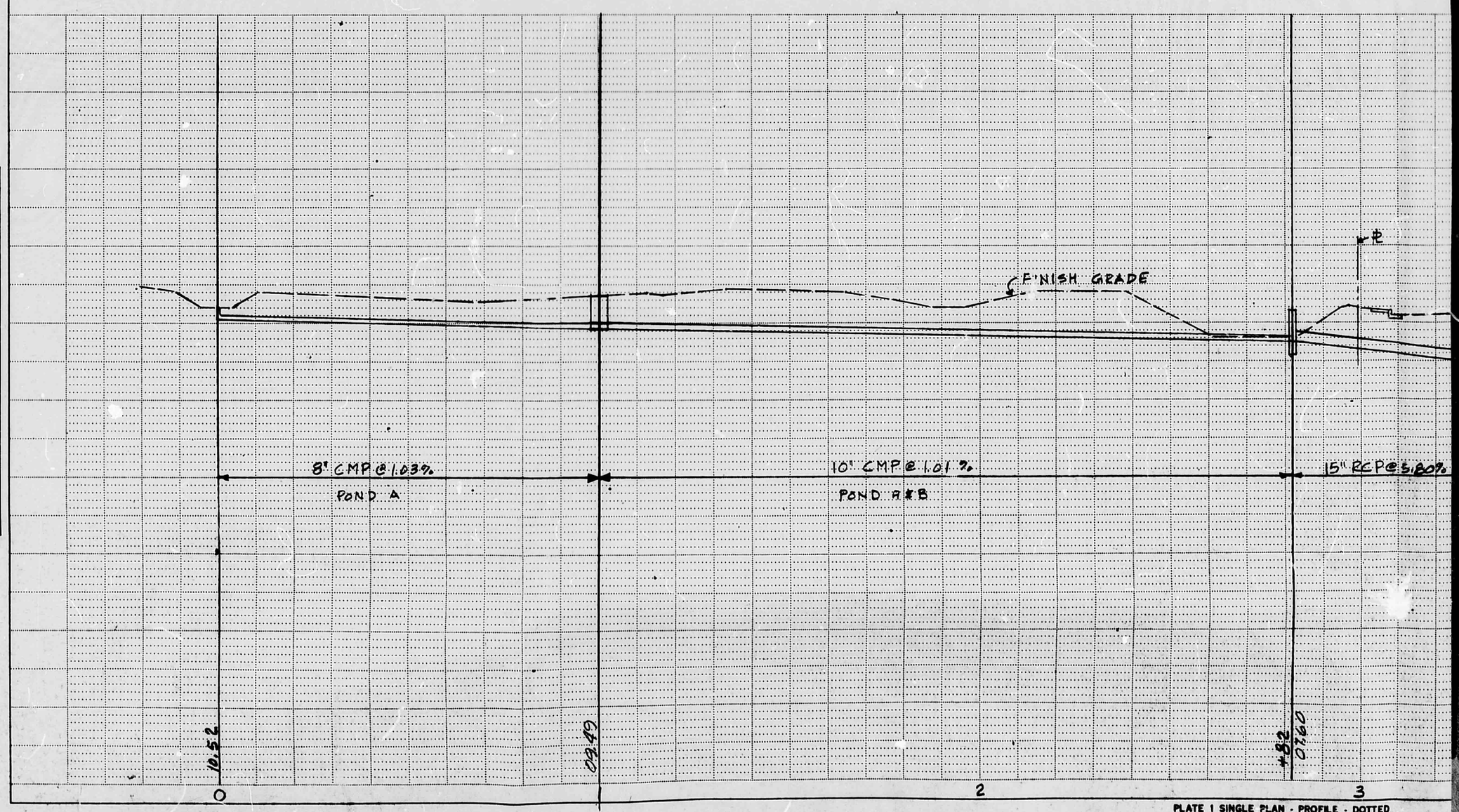
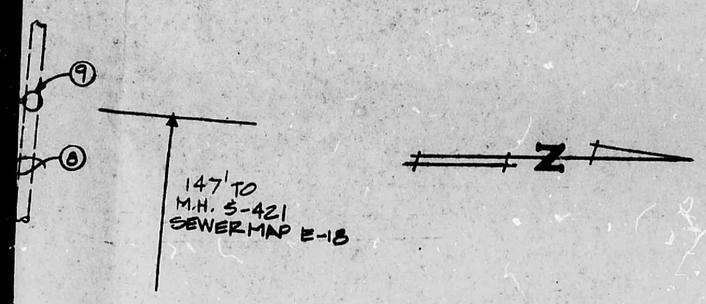


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

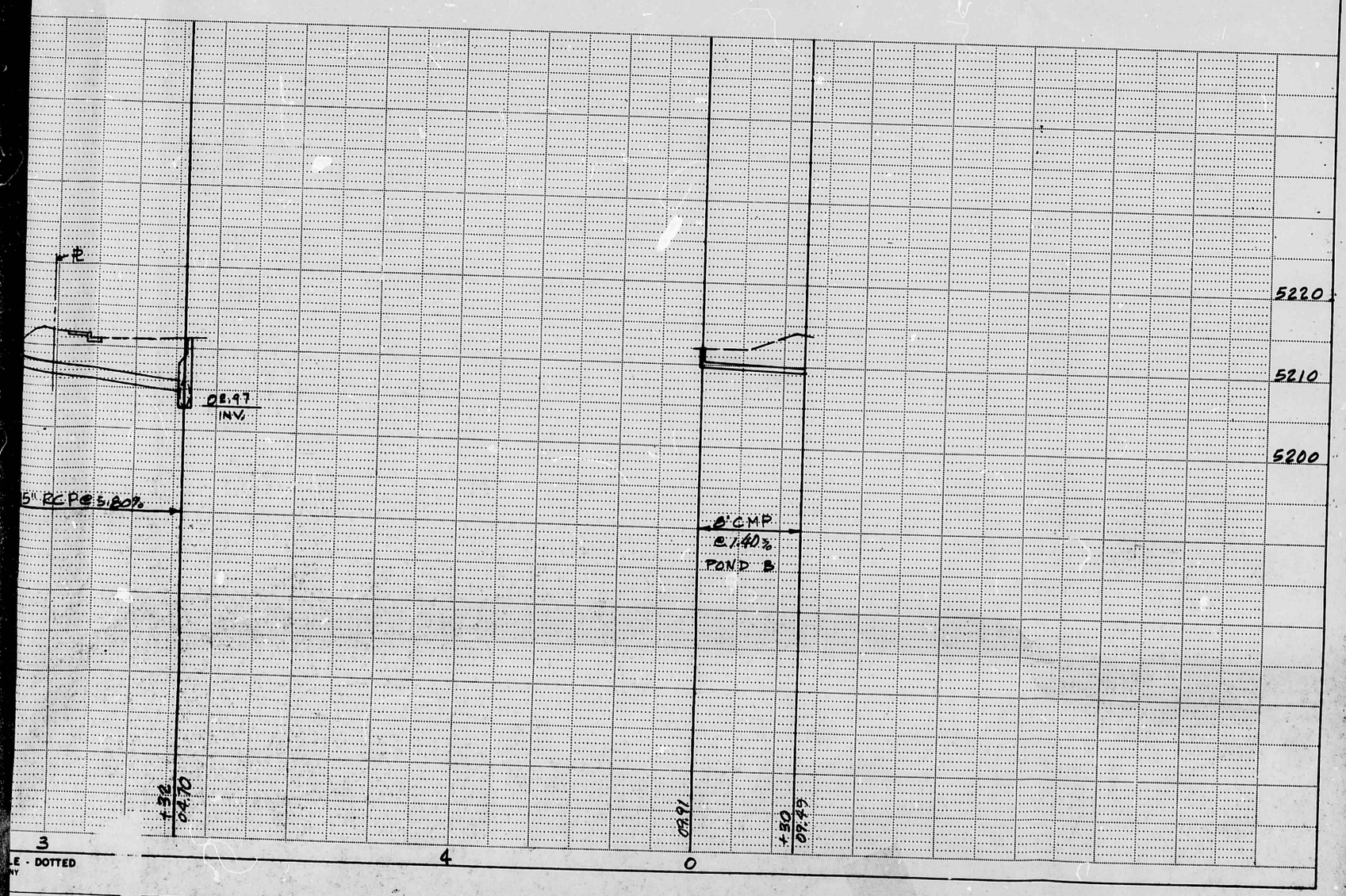


POND DRAIN PLAN & PROFILE

SCALES:

1'' = 20' HORIZ.

1'' = 10' VERT.



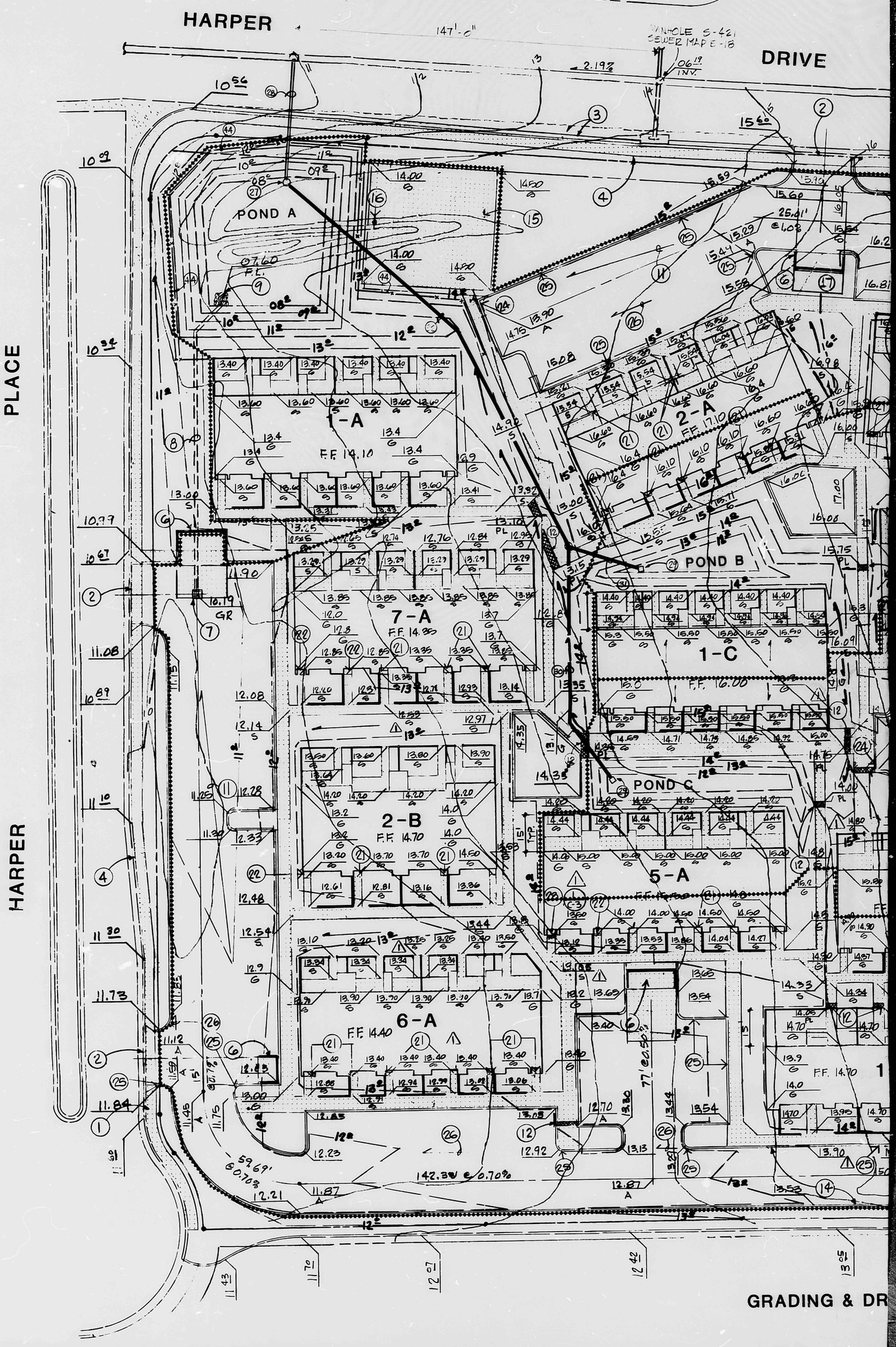
NOTES:

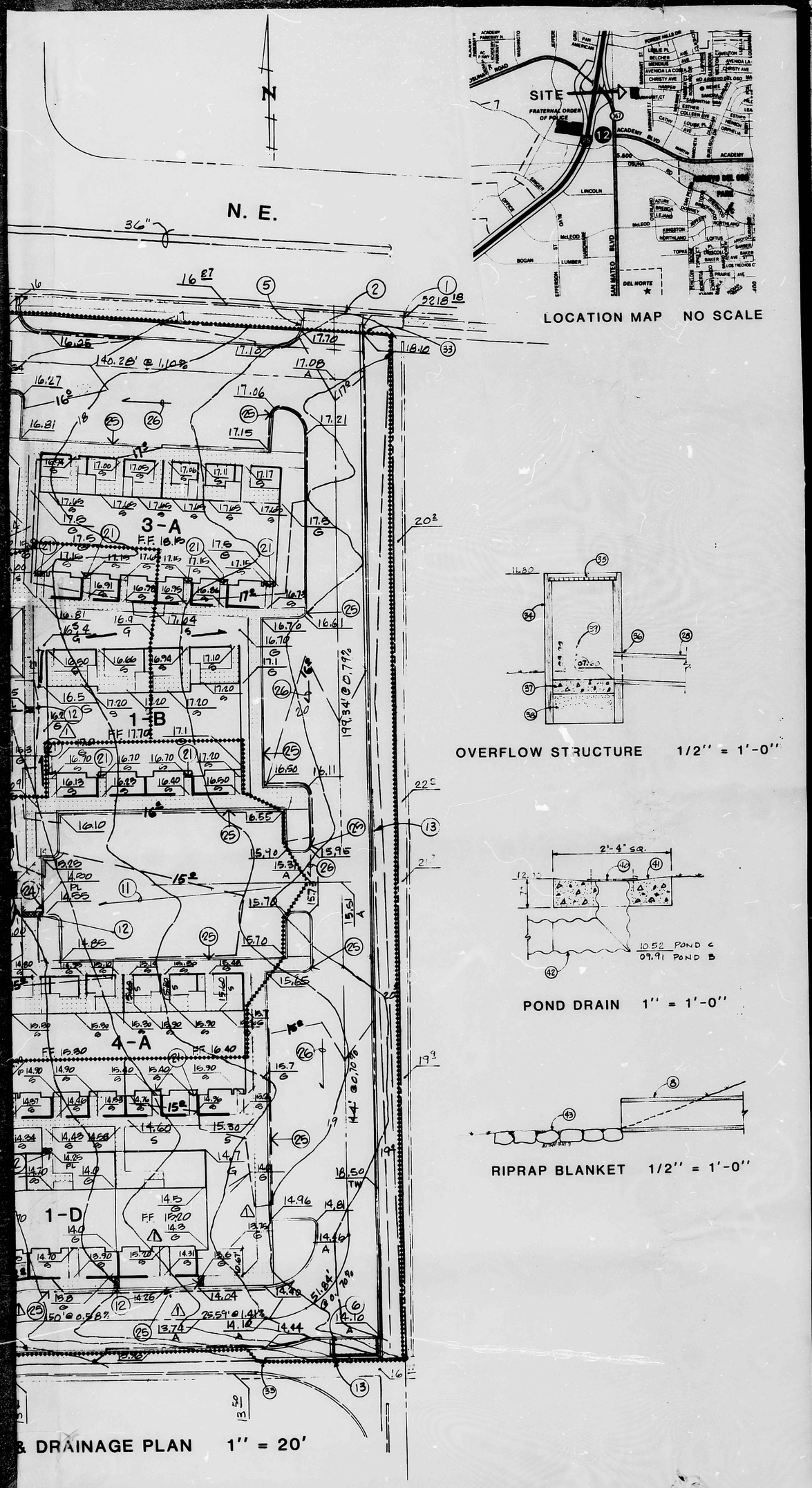
1. Pond C. drain. See detail on grading plan.
2. Pond B. drain See detail on grading plan.
3. 100' of 8" CMP @ 1.03% gradient.
4. 30' of 8" CMP @ 0.90% gradient.
5. 187'' of 10" CMP @ 1.01% gradient.
6. Overflow structure. See detail on grading plan.
7. Approx. 50' of 15" RCP @ 5.80% gradient. Private line.
8. Existing 36" RCP storm sewer.
9. Construct manhole per City standards. All work within R.O.W. to meet City requirements.
10. Construct 4' diam. shallow M.H. Clow F-3320 frame and cover or equal. 6" concrete top w/ #4 @ 6" each way, top & bottom.

rlab

POND DRAIN

PLAN SHOT IN TWO SECTIONS.





Notes:

1. Bench mark. Top of curb at end of existing sidewalk. Elevation = 5218.18.
2. Construct 24' wide drive entrance per City standards.
3. Construct new curb and gutter and patch pavement per City standards.
4. 48" wide concrete sidewalk per City standards.
5. Top of curb to flush out with asphalt pavement in 5' typical.
6. Dumpster pad. See Detail on Sheet C-6.
7. Area inlet. See Detail on Sheet C-6.
8. 118' of 12" R.C.P. at 0.50% gradient.
9. 5' square grouted riprap blanket. See Detail this sheet.
10. Deleted.
11. Form swale in asphalt pavement.
12. Sidewalk tench drain. See Detail on Sheet C-6.
13. Retaining wall. See Detail on Sheet C-6.
14. See Sheet C-6 for typical roadway detail.
15. 50' x 50' play area. 4" concrete slab, turn edges down 12".
16. Basketball standards.
17. Maintenance building with mailboxes.
18. Deleted.
19. 10 x 20 concrete pad - See Sheet C-6.
20. 20 x 20 concrete pad - See Sheet C-6.
21. 2 risers at 6".
22. 3 risers at 6".
23. 4 risers at 6".
24. Leave out 3'-0" of curb.
25. Depress lip of gutter 1/2".
26. Continue flow line in asphalt pavement.
27. Overflow structure. See Detail this sheet.
28. Approximately 50' of 15" RCP at 5.80% gradient to new manhole on exist. 36" RCP. All const. in ROW to meet City stds.
29. Pond drain for 5 year storm. See detail this sheet.
30. 85' of 8" CMP at 1.03% gradient.
31. 30' of 8" CMP at 1.40% gradient.
32. 187' of 10" CMP at 1.01% gradient.
33. End retaining wall.
34. 30" flush pipe RCP.
35. 1" x 3/16" bars placed vertically at 2" on center each way. Band with 1" x 3/16" plate continuous. Secure to RCP with 4 each 1/4" Wedgit type bolts.
36. Caulk or grout watertight.
37. 6" thick concrete invert.
38. Sand fill.
39. Cut out three 6" diam. holes, eq. spacing.
40. 12" square x 1/4" plate. Secure to concrete with 2 each 1/4" Wedgit type bolt. Perforate with 16 each 1/2" holes over CMP diameter.
41. Slope 1".
42. 8" CMP pond drain.
43. Grouted riprap. Minimum thickness of rock = 6".
44. 4' high chain link fence.

LEGEND

- Existing spot elevations
- Existing contours
- Existing curb and gutter
- Existing sidewalk
- Finish contours
- New asphalt pavement
- New concrete sidewalk or slab
- Top of asphalt pavement elevation
- Finish sidewalk elevation
- Top of vertical curb elevation
- Flow line elevation
- Finish grade
- Plate elevation
- Subbasin boundaries

NM 1-20 & NM 1-21
59 FAMILY TURNKEY HOUSING
HARPER PLACE
6400 HARPER PLACE NE
ALBUQUERQUE, NEW MEXICO

SAB

3-3-81
RTS

GRADING & DRAINAGE PLAN