

Note on reconstruction Lat 3 in SW, SE in 1987  
 Due to a failure of part of Lat 3 from filling with sand in 1986 approximately 1,000 ft of open 12" jointed tile from Sta 10+00 to Sta 20+00 were abandoned and replaced with a 12" plastic tile with fabric silt sleeve. An additional 6" plastic tile line was placed about 25' to the west of the 12" line to help drain the pond during construction of 12"

TABLE OF TILE

| DRAIN  | SIZE | LENGTH | STA. TO | STA.  |
|--------|------|--------|---------|-------|
| Main   | 18   | 1200   | 0       | 12    |
|        | 15   | 1000   | 12      | 22    |
|        | 16   | 3150   | 22      | 53+50 |
|        | 12   | 935    | 53+50   | 62+00 |
|        | 10   | 485    | 62+00   | 66+85 |
| Lat 1. | 6    | 530    | 0       | 5+90  |
| Lat 2. | 6    | 300    | 0       | 3     |
|        | 5    | 150    | 6+89    | 8+39  |
| Lat 3. | 12   | 2300   | 0       | 23+00 |
|        | 8    | 450    | 23+00   | 27+50 |
|        | 6    | 939    | 27+50   | 36+89 |
| Lat 4. | 6    | 859    | 0       | 8+59  |
| Lat 5. | 6    | 205    | 0       | 2+05  |
| Lat 6. | 8    | 650    | 0       | 6+50  |
| Lat 7. | 10   | 506    | 0       | 5+06  |
| Lat 8. | 6    | 325    | 0       | 3+25  |
| Lat 9. | 6    | 300    | 0       | 3     |

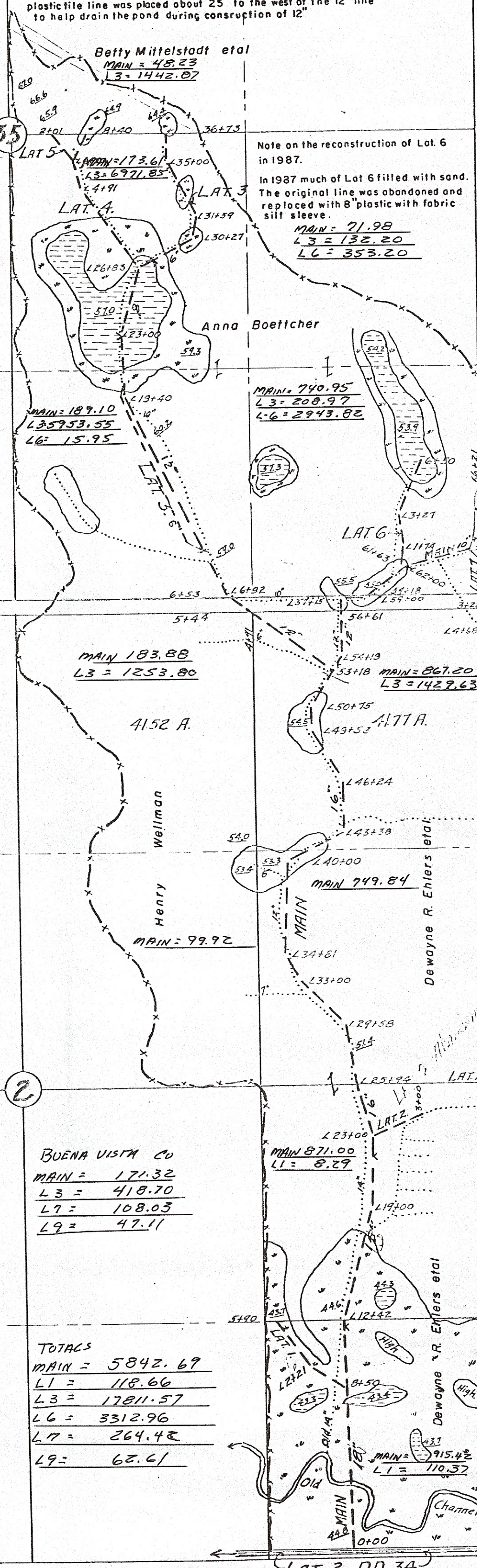
Not Constructed.

Not Constructed

District Reclassified by main and lats. in 1989

TWP. 92 N

TWP. 91 N



MAIN 183.88  
 L3 = 1253.80

MAIN = 740.95  
 L3 = 208.97  
 L6 = 2943.82

MAIN = 419.41  
 L9 = 15.50

MAIN 552.53.84  
 L7 = 151.38

MAIN = 12.45  
 L7 = 5.01

MAIN 749.84

MAIN 49.89

MAIN = 20.67

MAIN 871.00  
 L1 = 8.29

BUENA VISTA CO  
 MAIN = 171.32  
 L3 = 418.70  
 L7 = 108.03  
 L9 = 47.11

TOTALS  
 MAIN = 5842.69  
 L1 = 118.66  
 L3 = 17811.57  
 L6 = 3312.96  
 L7 = 264.42  
 L9 = 62.61

LEGEND:  
 Proposed Tile  
 Old Private Tile  
 Watershed Boundary  
 Swamp Land  
 Wet Land  
 Old Pond Beds

MAP OF  
**DRAINAGE DISTRICT 123**  
 BUENA VISTA COUNTY IA  
 GEO. BOETTCHER PETITIONER  
 SCALE: 1" = 500' A.H. CUNNINGHAM, ENGR.  
 STORM LAKE, IOWA FEB. 1919.  
 Rev 1989

LAT 2. DD 34 RANGE 36 W.