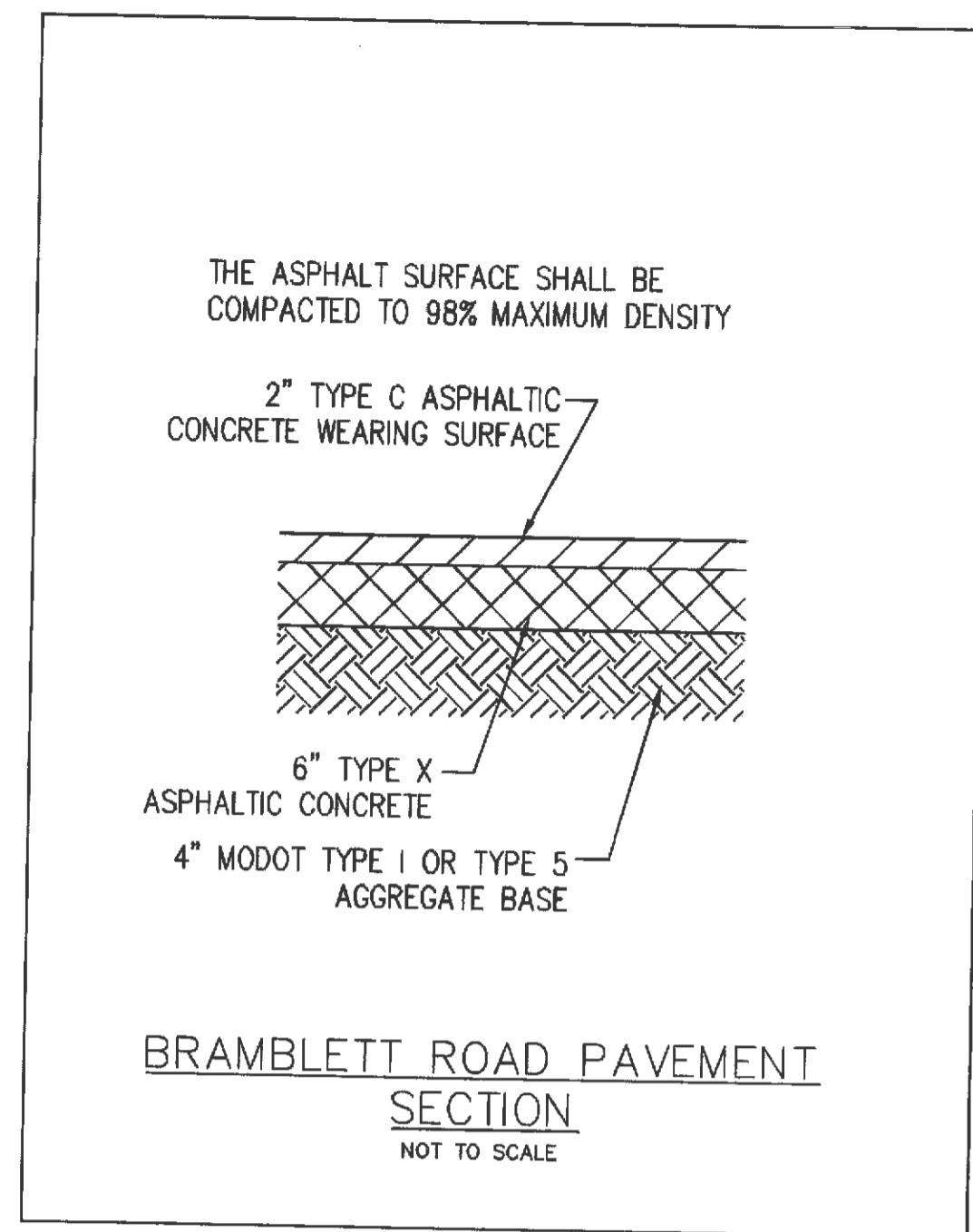
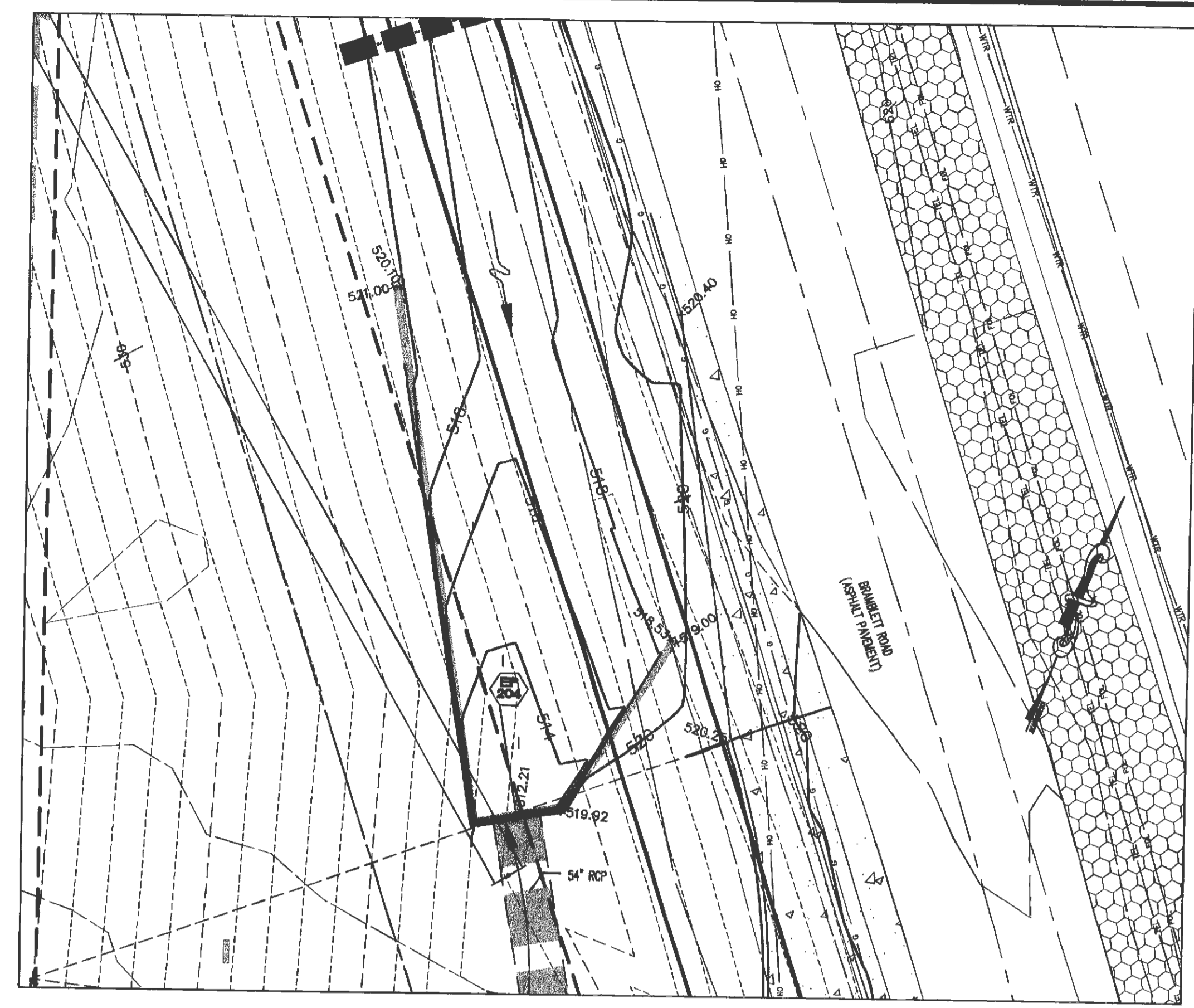


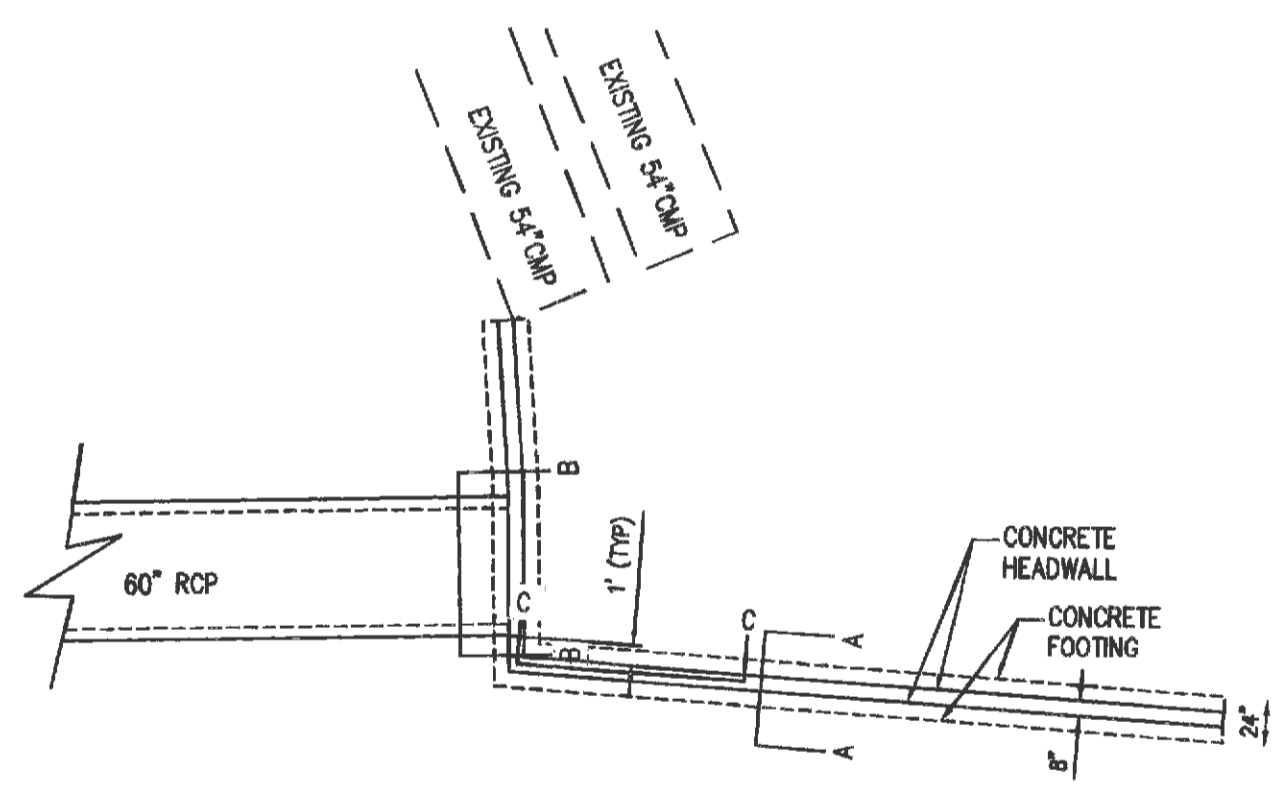
BRAMBLETT ROAD STORM CROSSING
SCALE: 1"=10'



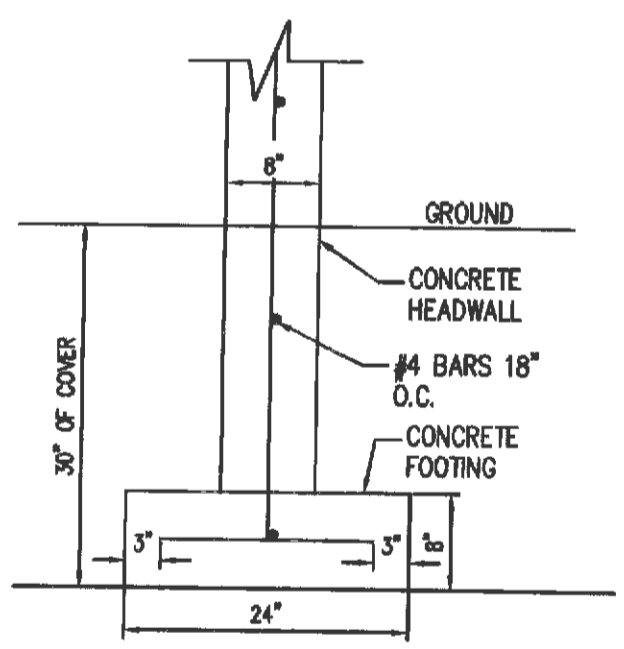
BRAMBLETT ROAD PAVEMENT
SECTION
NOT TO SCALE



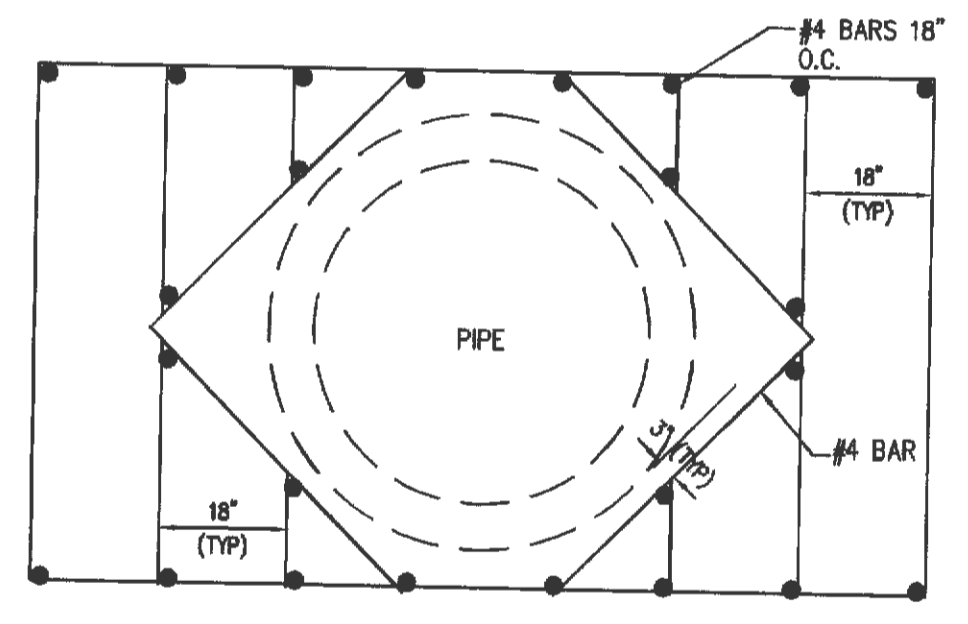
HEADWALL @ FE 204
SCALE: 1"=10'



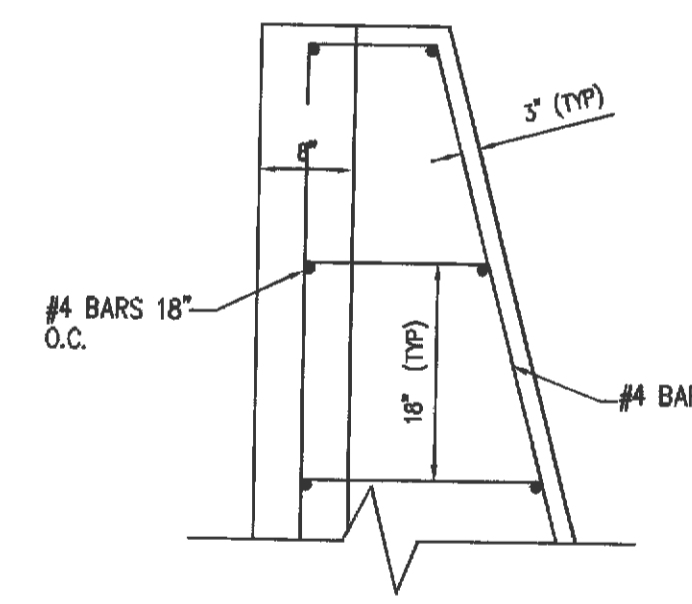
BRAMBLETT ROAD STORM CROSSING
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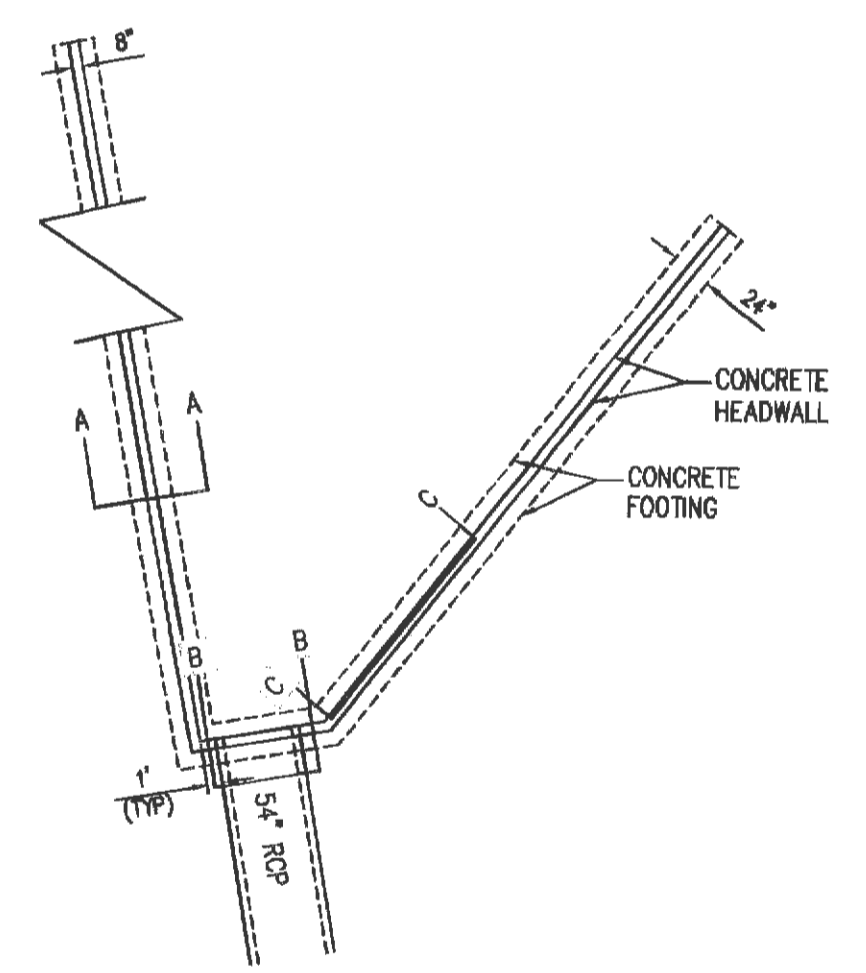
SECTION A-A
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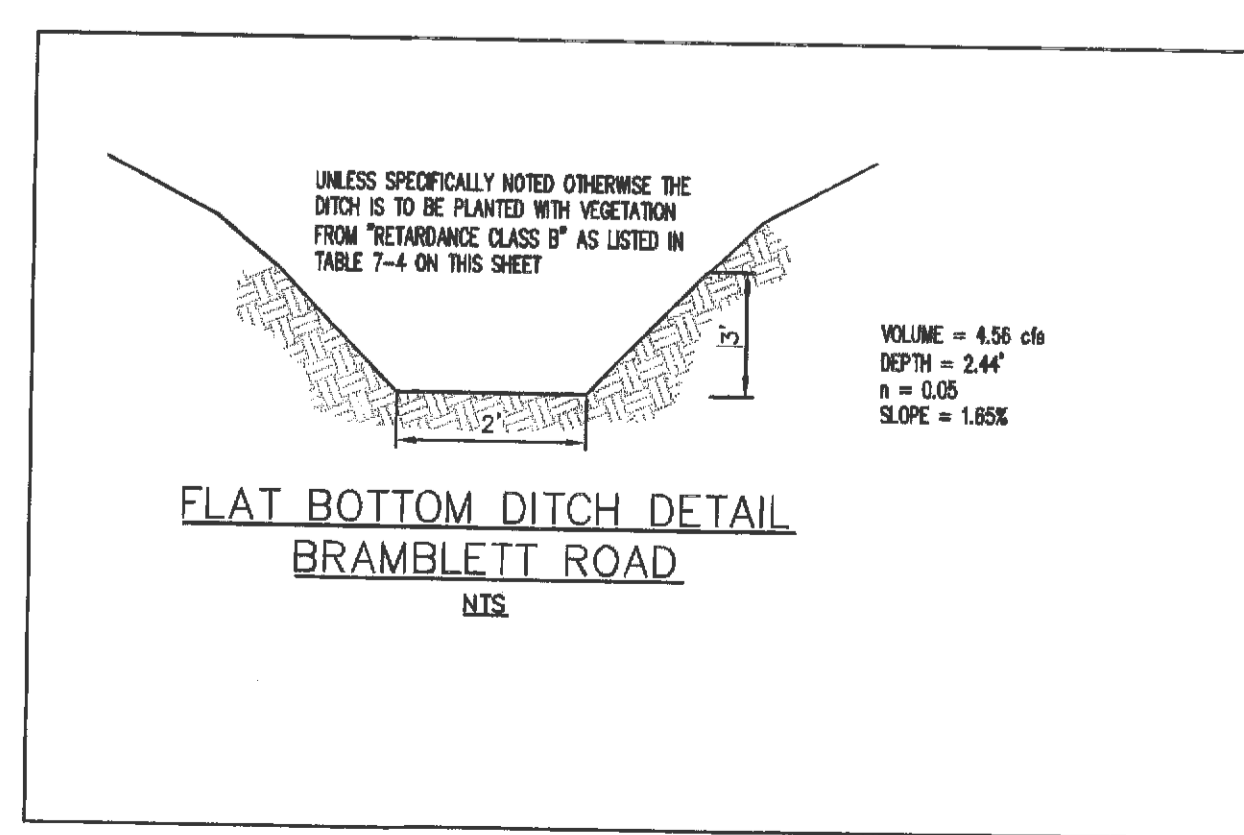
SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE



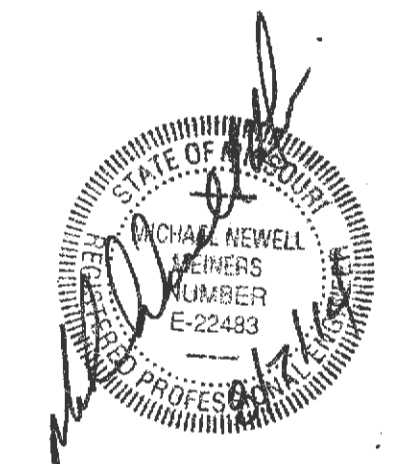
HEADWALL @ EP 204
NOT TO SCALE



FLAT BOTTOM DITCH DETAIL
BRAMBLETT ROAD
N.T.S.

Table 7-4 Classification of vegetation cover as to degree of retardance

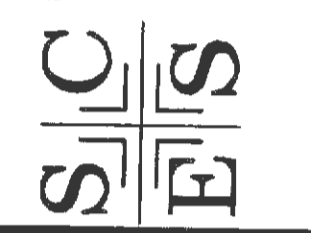
| Retardance | Cover | Condition |
|------------|--|--|
| A | Weeping lovegrass | Excellent stand, tall (average 30 in) |
| | Reed canarygrass or Yellow bluestem ischaemum | Excellent stand, tall (average 36 in) |
| | Smooth bromegrass | Good stand, mowed (average 12 to 15 in) |
| B | Bermudagrass | Good stand, tall (average 12 in) |
| | Native grass mixture (little bluestem, blue grama, and other long and short midwest grasses) | Good stand, unmowed |
| | Tall fescue | Good stand, unmowed (average 18 in) |
| | Sericea lespedeza | Good stand, not woody, tall (average 19 in) |
| | Grass-legume mixture—Timothy, smooth bromegrass, or orchardgrass | Good stand, uncut (average 20 in) |
| C | Reed canarygrass | Good stand, uncut (average 12 to 15 in) |
| | Tall fescue, with birdsfoot trefoil or ladino clover | Good stand, uncut (average 18 in) |
| | Blue grama | Good stand, uncut (average 13 in) |
| | Bahiagrass | Good stand, uncut (6 to 8 in) |
| | Bermudagrass | Good stand, mowed (average 6 in) |
| | Redtop | Good stand, headed (15 to 20 in) |
| D | Grass-legume mixture—summer (orchardgrass, redtop, Italian ryegrass, and common lespedeza) | Good stand, uncut (6 to 8 in) |
| | Centipedegrass | Very dense cover (average 6 in) |
| | Kentucky bluegrass | Good stand, headed (8 to 12 in) |
| | Bermudagrass | Good stand, cut to 2.5-in height |
| | Red fescue | Good stand, headed (12 to 18 in) |
| E | Buffalograss | Good stand, uncut (3 to 6 in) |
| | Grass-legume mixture—fall, spring (orchardgrass, redtop, Italian ryegrass, and common lespedeza) | Good stand, uncut (4 to 5 in) |
| | Sericea lespedeza or Kentucky bluegrass | Good stand, cut to 2-in height. Very good stand before cutting |
| E | Bermudagrass | Good stand, cut to 1.5-in height |
| | Bermudagrass | Burned stubble |



ENGINEER SIGNATURE
BLOCK
MICHAEL NEWELL
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSOURI
LICENSE NO. E-22483

HIGHWAY "K" RETAIL
ACCESS DRIVE

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P+Z No. 18-12.05
Approval Date: May 2, 2013
City No.

Page No.
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CONSTRUCTION / MODOT DETAILS