



- GENERAL NOTES**
- OUR SPECIFICATIONS DATED JANUARY 1983 APPLY TO THIS PROJECT.
  - THE WORKING WIDTH AVAILABLE TO THE CONTRACTOR TO CONSTRUCT THE DRAIN SHALL CONSIST OF THOSE LANDS IMMEDIATELY ADJACENT TO THE DRAIN AND CONNECTIONS AND SHALL NOT EXCEED THE FOLLOWING AVERAGE WIDTHS:
    - 1/ STA. 0+000 TO STA. 0+381 - 20 METERS PLUS THE DITCH
    - 2/ STA. 0+381 TO STA. 0+600 - 25 METERS PLUS THE DITCH
    - 3/ STA. 0+600 TO STA. 2+234 - 15 METERS PLUS THE DITCH
  - ALL OWNERS ALONG THE COURSE OF THE DRAIN SHALL MAKE AN ACCESS ROUTE FROM THE NEAREST ROAD TO THE DRAIN LOCATION AVAILABLE TO THE CONTRACTOR. THE AVERAGE WIDTH OF THIS ROUTE SHALL NOT EXCEED 8 METERS.
  - CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
    - 1/ ALL TREES, SHRUBS, BRUSH ETC. TO BE CLEARED AND GRUBBED IN ACCORDANCE WITH SPECIFICATIONS WITH THE FOLLOWING EXCEPTION:
      - a) ALL BRUSHING OF DITCH BANKS TO BE DONE BY "BRUSH HOG".
      - b) TREES AND BRUSH TO BE REMOVED FROM DITCH BOTTOM AND SIDE SLOPES BUT ONLY THOSE TREES THAT IMPED THE PROPOSED CONSTRUCTION ARE TO BE REMOVED FROM THE TOP OF THE BANK.
      - c) ALL CLEARING TO BE CONFIRMED BY THE DRAINAGE SUPERINTENDENT.
  - QUARRY STONE SHALL RANGE IN SIZE FROM 150mm TO 300mm EVENLY DISTRIBUTED AND SHALL BE PLACED TO A 300mm THICKNESS ON A SUITABLE FILTER BLANKET AT A 1.5:1 SLOPE UNLESS OTHERWISE NOTED.
  - EXCAVATION OF DITCH AND SEEDING OF DITCH BANKS TO BE CARRIED OUT BETWEEN JUNE 1 AND SEPTEMBER 15, 1995.
  - CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, DRAINAGE SUPERINTENDENT, AND THE AFFECTED OWNERS. ALL PARTIES SHALL RECEIVE 48 HOURS NOTICE TO THE MEETING.
  - STATIONS 0+000, 0+840 & 1+600 CONSTRUCT SEDIMENT BASIN IN DITCH BOTTOM FOR FULL WIDTH OF DITCH BOTTOM. SEDIMENT BASIN TO BE 450mm DEEP WITH PARABOLIC SHAPE AND 15m LONG. THESE BASINS ARE TO BE MAINTAINED BY THE MUNICIPALITY ON A BI-ANNUAL BASIS AS REGULAR MAINTENANCE OF THE DRAIN. STRAW BALES OR SILT FENCE TO BE PUT AROUND END OF DITCH AT STA. 0+000 DURING CONSTRUCTION TO PREVENT THE FLUSHING OF FRESH SILT DOWNSIDE.
  - STA. 0+000 TO STA. 0+600 - A 3 METER WIDE BUFFER STRIP BETWEEN THE TOP OF THE BANK AND THE ADJACENT LANDS ON BOTH SIDES OF THE DITCH SHALL BE CREATED BY HYDRO SEEDING AND SHALL BE MAINTAINED AS PART OF THE OPEN PORTION OF THE DRAIN.
    - b) STA. 0+600 TO STA. 2+234 - A 3 METER WIDE BUFFER STRIP BETWEEN THE TOP OF THE BANK AND THE ADJACENT LANDS ON BOTH SIDES OF THE DITCH SHALL BE MAINTAINED AS PART OF THE OPEN PORTION OF THE DRAIN.
  - BUFFER STRIPS, NEWLY EXPOSED PORTION OF DITCH BANKS BELOW EXISTING SODDED BANKS AND NEWLY RECONSTRUCTED BANKS TO BE HYDRO SEEDING ON COMPLETION OF CONSTRUCTION USING THE FOLLOWING GRASS SEED MIXTURE AT A RATE OF 65 Kg / ha. (CREeping RED FESCUE 40%, KENTUCKY BLUEGRASS 20%, RED TOP 10%, TIMOTHY 20%, LADINO 10%)
  - EXCAVATED MATERIAL TO BE DEPOSITED AND LEVELLED ON THE FOLLOWING SIDES OF THE DITCH:
    - a) STA. 0+000 TO STA. 1+126 - ON NORTH SIDE OF DITCH
    - b) STA. 1+126 TO STA. 1+592 - MATERIAL TO BE HAULED TO AND LEVELLED IN POND ON SOUTH SIDE OF DITCH AT STA. 1+300
    - c) STA. 1+592 TO STA. 2+234 - ON NORTH SIDE OF DITCH

**APPROXIMATE QUANTITIES**

EXCAVATION	4,000
HAULING	280
HYDRO SEEDING	11,800
QUARRY STONE	39
FILTER BLANKET	150

Drainage Superintendent: JERRY DOYLE

**BRANCH No. 1 OF THE COBBAN DRAIN**  
TOWNSHIP OF CARADOC

Drawn By: AK Approved By: JOB No. 94063  
Date DEC. 5, 1994 D-165

PLAN, PROFILE & DETAILS

**SPRIET ASSOCIATES LIMITED**  
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