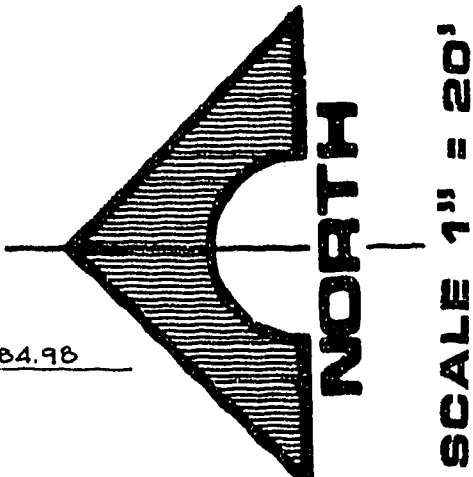




NOTES:

1. ALL CURBS TO BE "A" TYPE UNLESS OTHERWISE SPECIFIED ON PLANS.

GRADING NOTES

1. INDICATED GRADES OTHER THAN T.C., F.G. & GUTTER F.L. ARE ROUGH GRADES (O.T.) LOWER THAN FINISHED GRADES.
2. THE ROUGH GRADING PLANS SHALL BE ON THE JOB SITE AT ALL TIMES. THE EXISTING GRADES SHALL BE FINISHED IN CONFORMANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS. THE GRADING SHALL BE DONE IN ACCORDANCE WITH THE ELEVATIONS AND DETAILS SHOWN ON THE PLANS. ANY DEVIATIONS FROM THE PLANS WILL RESULT IN QUANTITY CHARGES.
3. CARE SHALL BE EXERCISED IN GRADING OF REAR YARDS OF CORNER AND "B" TYPE DRAINAGE LOTS.
4. ROUGH PAD ELEVATIONS SHALL BE GRADED TO WITHIN 0.1' OF THE FINISHED GRADES SHOWN ON THE PLANS. WHEN GRADING IS COMPLETE PER THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER THAT THE GRADING IS COMPLETE. AT THE TIME THE ENGINEER SHALL ALSO DECIDE IF ANY ADDITIONAL GRADING BEINGS REQUESTED. IF ANY ADDITIONAL GRADING IS REQUESTED TO REWINE ANY OF HIS ROUGH GRADING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GRADING UNTIL HE RECEIVES GRADING APPROVAL FROM THE ENGINEER.
5. EARTH QUANTITIES

EXCAVATION	14,600 C.Y.
FILL	800 C.Y.

 - A) THE ABOVE QUANTITIES DO NOT REFLECT LOSSES DUE TO SUBSIDENCE OR BULGING.
 - B) THE ABOVE QUANTITIES DO NOT REFLECT USING TYPE I GRAVEL BASE MATERIAL FOR STREET SECTIONS.
 - C) THE ABOVE QUANTITIES DO NOT REFLECT ANY EARTHWORK WHICH MAY BE REQUIRED BY THE ENGINEER TO CONSTRUCT CURBS, DRAINAGE PROTECTION, OR BENCH (NOT SHOWN ON PLANS).
6. OWNER AGREES THAT IF EXISTING NATIVE MATERIAL DOES NOT CONFORM TO SPECIFICATIONS FOR TYPE I BASE, OWNER WILL BE RESPONSIBLE FOR THE COST OF OBTAINING TYPE I BASE. C.E.L.V. STANDARDS. THE USE OF NATIVE MATERIAL, REQUIREMENTS WRITTEN APPROVAL FROM THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.

ENGINEER'S EVALUATION

USING A SHRINKAGE FACTOR OF 5 % AND SUBSIDENCE OF 0.0' TO 1'.
ESTIMATE FOR THE GRADING IS SHOWN BELOW. PLEASE NOTE THAT THE
QUANTITIES ARE ONLY AN ESTIMATE. ACTUAL QUANTITIES MAY DIFFER
FOR THE ESTIMATE DUE TO SOIL VARIATION IN THE FIELD. QUANTITIES
FOR ADDITIONAL DITCHES & BERMS THAT MAY BE REQUIRED BY THE
ENGINEER ARE NOT INCLUDED.

	<u>CUT</u>	<u>FILL</u>
Computed Volume	14,800	800
Subsidence (0.1 to 1')	- 800	+ 100
Subtotal	13,800	900
Shrinkage (18%)	---	100
Total	13,800	1,000
EXPORT	12,800	