

GENERAL NOTES:

- UTILITY CONTROL**
STREETS TO BE GRADED, PAVED AND ALL STRUCTURAL COMPONENTS ERECTED IN ACCORDANCE WITH VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION, ROAD AND BRIDGE SPECIFICATIONS AND CURRENT DESIGN STANDARDS. ALL MATERIALS USED SHALL BE TESTED IN ACCORDANCE WITH STANDARD POLICIES. THE DEVELOPER MUST CONTACT THE OFFICE OF MR. F.C. ALTIZER, JR., RESIDENT ENGINEER, PRIOR TO BEGINNING ANY CONSTRUCTION AT WHICH TIME AN INSPECTION AND PROCEDURE POLICY WILL BE DRAWN. THE DEVELOPER MAY PRODUCE TEST REPORTS FROM APPROVED INDEPENDENT LABORATORIES OR SOLICIT TESTING BY V.D.H.&T. IN EITHER EVENT AT THE DEVELOPER'S EXPENSE.
STRUCTURAL VALUE OF SUBGRADE MUST HAVE A C.B.R. RATING OF 10 OR GREATER, THE SOIL BEING TESTED BY AN INDEPENDENT LABORATORY AND RESULTS SHOWN PRIOR TO CONSTRUCTION. UPON RECEIPT OF THE LABORATORY REPORT SHOWING SATISFACTORY SOIL BEARING VALUE BASE REQUIREMENTS ACCORDING TO CATEGORY VEHICULAR DEMAND AS REQUESTED BY THE DEVELOPER MAY BE APPROVED.
- UTILITIES**
ALL NECESSARY UTILITY LATERALS WILL BE PLACED PRIOR TO PAVEMENT SURFACING OR CONDUIT PROVISIONS MADE FOR THE SAME (I.E. WATER, SEWER, GAS AND TELEPHONE) GAS OR PETROLEUM TRANSMISSION LINE WILL NOT BE PERMITTED WITHIN THE PAVEMENT OR SHOULDER ELEMENT (BACK OF CURB TO BACK OF CURB) OF THIS DEVELOPMENT. SERVICE LATERALS CROSSING AND PIPE LINE LOCATED OUTSIDE THE PAVEMENT BUT INSIDE THE RIGHT OF WAY WILL BE CONSTRUCTED IN CONFORMITY WITH A.S.A. B-31.8 SPECIFICATIONS AND SAFETY REGULATIONS.
- PRIVATE ENTRANCES**
STANDARD PRIVATE ENTRANCE DESIGN CG-8 WILL BE PROVIDED TO LOTS WHERE STANDARD CURB & GUTTER IS APPROVED FOR USE.
PERMITS WILL BE REQUIRED FOR ALL PRIVATE ENTRANCES CONSTRUCTED ON STREET RIGHT OF WAYS PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM.
- EROSION CONTROL AND LANDSCAPING**
CARE MUST BE TAKEN DURING CONSTRUCTION TO PREVENT EROSION, DUST AND MUD FROM DAMAGING ADJACENT PROPERTY, CLOSING DITCHES, TRACKING PUBLIC STREETS AND OTHERWISE CREATING A PUBLIC OR PRIVATE NUISANCE TO SURROUNDING AREAS. THE ENTIRE CONSTRUCTION AREA BACK OF CURBS AND/OR PAVEMENT TO BE BACKFILLED AND SEEDED TOGETHER WITH DITCHES AND CHANNELS, AT THE EARLIEST POSSIBLE TIME AFTER FINAL GRADING.
DRAINAGE EASEMENTS MUST BE DEFINED BY EXCAVATED DITCHES OR CHANNELS FOR THEIR FULL LENGTH TO WELL DEFINED WATER COURSE.
- MINIMUM PAVEMENT RADIUS OF 25 FT. REQUIRED AT ALL STREET INTERSECTIONS.**
- WHILE THE PRELIMINARY PLANS HAVE BEEN APPROVED TO THE EXTENT OF THE INFORMATION SHOWN THEREON AND CONTINGENT UPON THE MODIFICATIONS SO NOTED, SUCH APPROVAL DOES NOT EXEMPT CONNECTIONS WITH EXISTING STATE-MAINTAINED ROADS FROM CRITICAL REVIEW AT THE TIME PERMIT APPLICATIONS ARE MADE. THIS IS NECESSARY IN ORDER THAT THE PREVAILING CONDITIONS BE TAKEN INTO CONSIDERATION REGARDING SAFETY REQUIREMENTS. ADDITIONAL SAFETY ACCOMPANIMENTS SUCH AS TURN LANES MAY OR MAY NOT BE REQUIRED.**

GENERAL SEWER NOTES:

- ALL MATERIAL SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE ROANOKE COUNTY PUBLIC UTILITY DEPT. RULES AND REGULATIONS AND CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- A MINIMUM COVER OF THREE (3) FEET OVER THE PROPOSED LINES IS REQUIRED.
- NO WORK SHALL BEGIN WITHOUT NOTIFYING THE PUBLIC UTILITY DEPT. 24 HOURS IN ADVANCE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL NECESSARY PERMITS.
- NO WORK SHALL BEGIN WITHOUT WRITTEN APPROVAL OF CONSTRUCTION PLANS FROM THE PUBLIC UTILITY DEPT.
- WORK SHALL BE SUBJECT TO INSPECTION BY PUBLIC UTILITY DEPT. INSPECTORS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND UNCOVERING ALL SEWER MANHOLES AFTER SURFACE TREATMENT OF ROADS AND ADJUSTING TOPS TO THE FINAL ROAD GRADES, IF NECESSARY.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.
- ALL HOUSE CONNECTIONS ARE TO BE MADE WITH 4 INCH SEWER PIPES AND INSTALLED ON A MINIMUM OF 1/4-INCH TO 1-FOOT FROM THE SEWER MAIN TO THE PROPERTY LINE. THE INVERT ELEVATION AT THE PROPERTY SHALL BE SHOWN ON THE AS-BUILT PLANS.
- ALL HOUSE CONNECTIONS MADE FROM MANHOLES SHALL BE DUCTILE IRON OF SUFFICIENT LENGTH TO PROVIDE TWO (2) FEET OF BEARING ON NATURAL GROUND. THE TRANSITION FROM DUCTILE IRON TO CONCRETE OR ASBESTOS CEMENT PIPE SHALL BE MADE WITH AN ADAPTOR COUPLING.
- THE CONTRACTOR SHALL NOTIFY THE PUBLIC UTILITY DEPT. OF ANY FIELD CORRECTIONS TO THE APPROVED PLANS PRIOR TO SUCH CONSTRUCTION.
- ALL TRENCHES WITHIN EXISTING OR FUTURE V.D.H.&T. RIGHT OF WAY MUST BE COMPACTED IN 6-INCH LAYERS.

ENGINEERS NOTES:

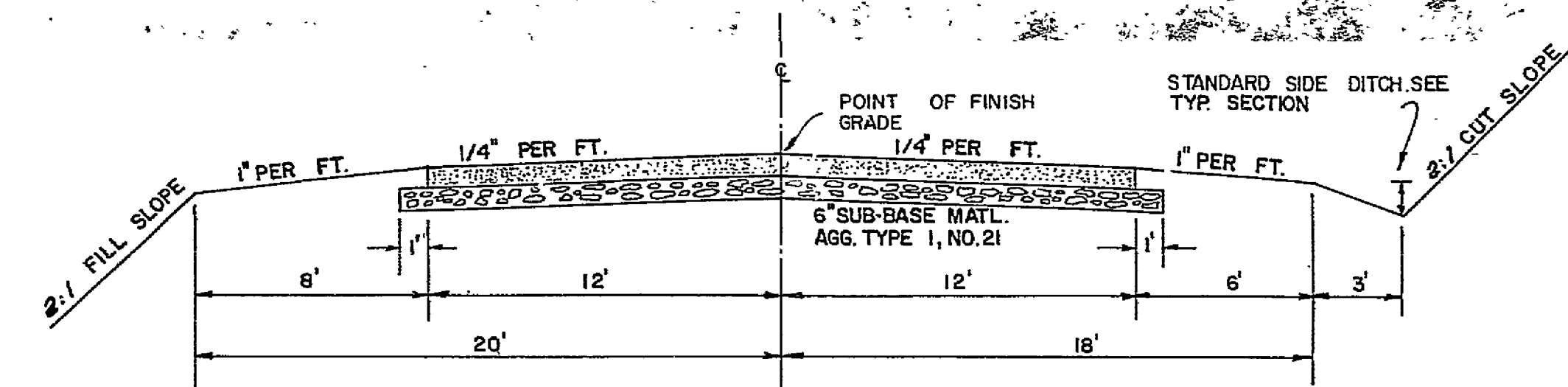
- T.P. PARKER & SON ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS OR FOR INFORMATION ON PLANS UNTIL SUCH PLANS HAVE BEEN APPROVED BY THE REQUIRED PUBLIC AGENCIES.
- ANY WORK COMMENCED ON A PROJECT PRIOR TO PLAN APPROVAL IS AT THE SOLE RISK OF THE DEVELOPER.
- T.P. PARKER & SON DO NOT GUARANTEE THE COMPLETION OR QUALITY OF PERFORMANCE OF THE CONTRACTS OR THE COMPLETION OR QUALITY OF PERFORMANCE OF CONTRACTS BY SUBCONTRACTORS OR OTHER THIRD PARTIES.

GENERAL WATER NOTES:

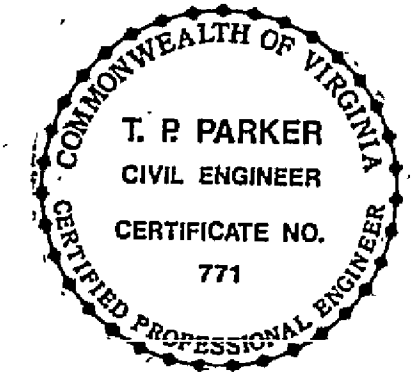
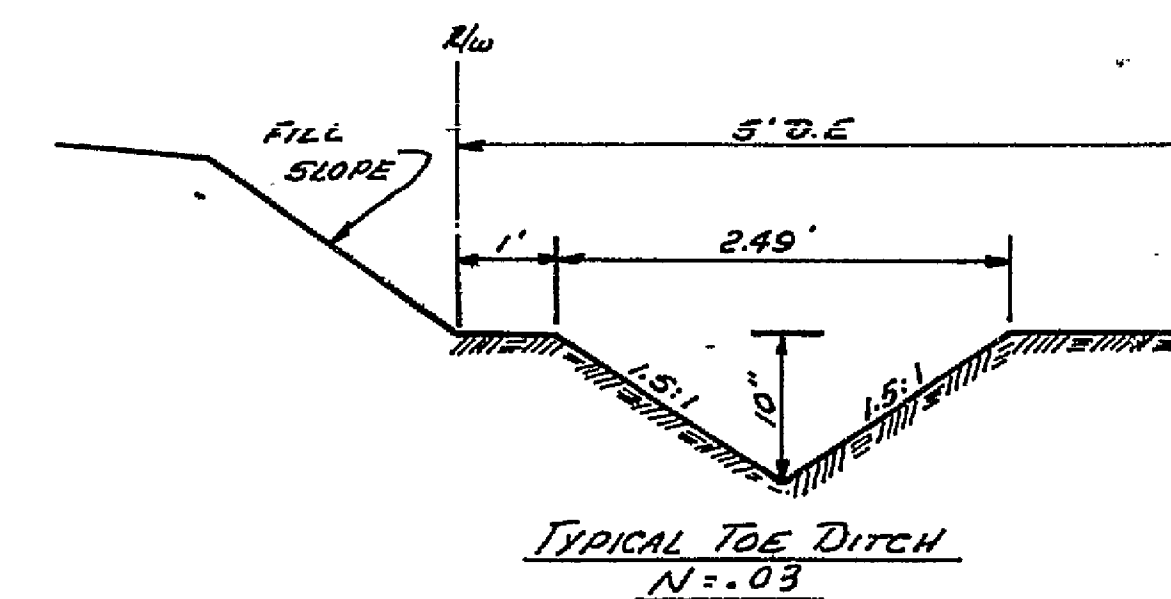
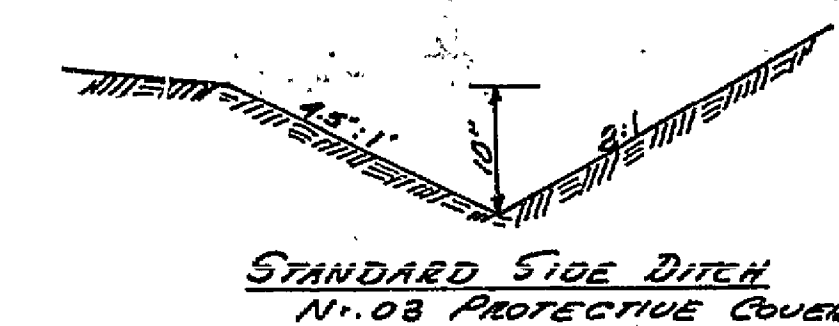
- ALL MATERIAL SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF ROANOKE COUNTY PUBLIC UTILITY DEPT. RULES AND REGULATIONS AND CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- A MINIMUM COVER OF THREE (3) FEET OVER THE PROPOSED LINE IS REQUIRED.
- NO WORK SHALL BEGIN WITHOUT NOTIFYING THE PUBLIC UTILITY DEPT. 24 HOURS IN ADVANCE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL NECESSARY PERMITS.
- NO WORK SHALL BEGIN WITHOUT WRITTEN APPROVAL OF CONSTRUCTION PLANS FROM THE PUBLIC UTILITY DEPT.
- WORK SHALL BE SUBJECT TO INSPECTION BY PUBLIC UTILITY DEPT. INSPECTORS.
- CONTRACTORS SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL VALVE BOXES AFTER SURFACE TREATMENT OF ROADS AND ADJUSTING BOXES TO FINAL ROAD GRADES IF NECESSARY.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.
- THE CONTRACTOR SHALL NOTIFY THE PUBLIC UTILITY DEPT. OF ANY FIELD CORRECTION TO THE APPROVED PLANS PRIOR TO CONSTRUCTION.
- ALL TRENCHES WITHIN THE EXISTING OR FUTURE RIGHT OF WAYS MUST BE COMPACTED IN 6-INCH LAYERS.

CONSTRUCTION NOTES:

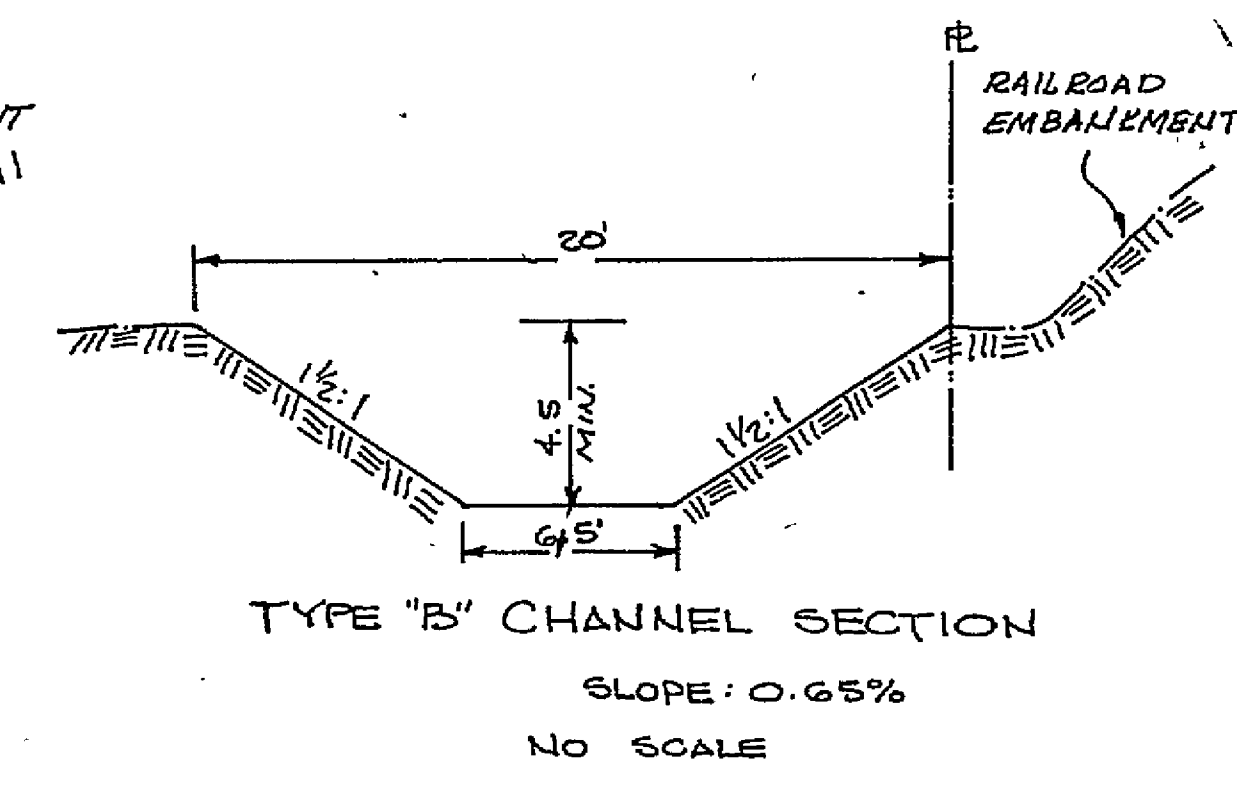
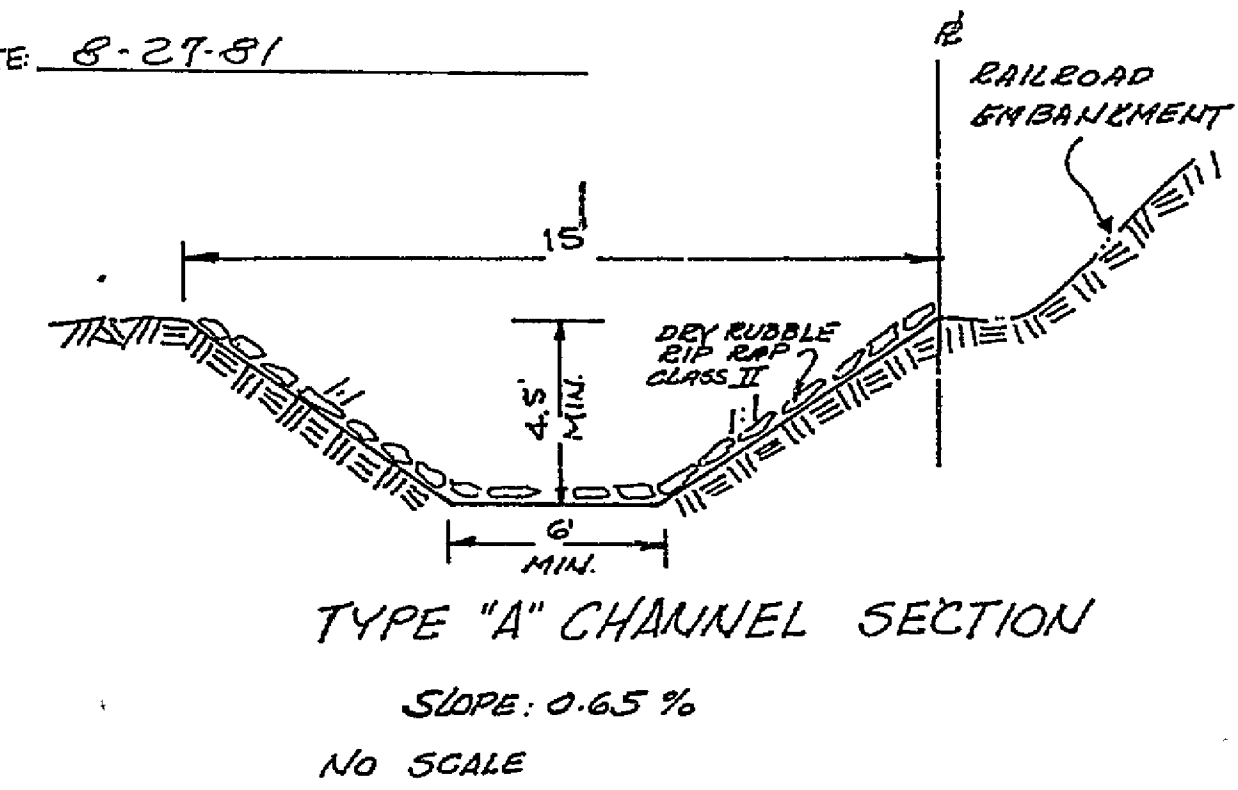
- A FIELD REVIEW BY V.D.H.&T. WILL BE MADE DURING CONSTRUCTION TO DETERMINE THE NEED AND LIMITS OF PAVED DITCHING.
- IF SEDIMENTATION OR SILTATION PROBLEMS ARE ENCOUNTERED IN ANY DRAINAGE EASEMENT, SIDE DITCH OR OUTFALL DITCH, IT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO DO WHATEVER IS NECESSARY TO CORRECT THE PROBLEM.



TYPICAL STREET SECTION
PROPOSED 24' X 4" BITUMINOUS CONCRETE BASE TYPE B-3
WITH BITUMINOUS CONCRETE SURFACE COURSE TYPE S-5 AT 165 LBS.
PER SQ. YARD. 36' TO 40' CLEAR ROADWAY.
NO SCALE



APPROVED
T. P. Parker
RESIDENT ENGINEER, VIRGINIA DEPARTMENT OF
HIGHWAYS & TRANSPORTATION
DATE: 8-27-81



REVISIONS			
DRAWN BY:	DATE	REMARKS	BY
ES			
ES			
APPROVED:			
DATE: 7-6-81			
DATE: 8-27-81			

T. P. PARKER & SON
engineers & surveyors, ltd.

TELEPHONE (703) 387-1153
P.O. BOX 367, SALEM, VIRGINIA 24153

FORT LEWIS INDUSTRIAL PARK

PROPERTY OF
THOMAS BROS., INC.
ROANOKE COUNTY, VIRGINIA

SHEET 1
OF 6

RC-1628

