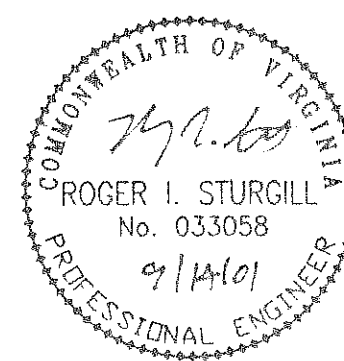
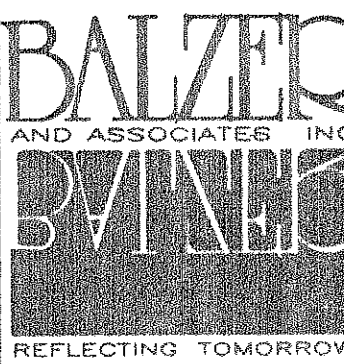




CERTIFIED LAND DISTURBER



PLANNERS ARCHITECTS
ENGINEERS SURVEYORS

1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 804/772-9580
FAX: 804/772-8050

501 Branchway Road
Suite 100
Richmond, Virginia 23236
Phone: 804/794-0571
FAX: 804/794-2635

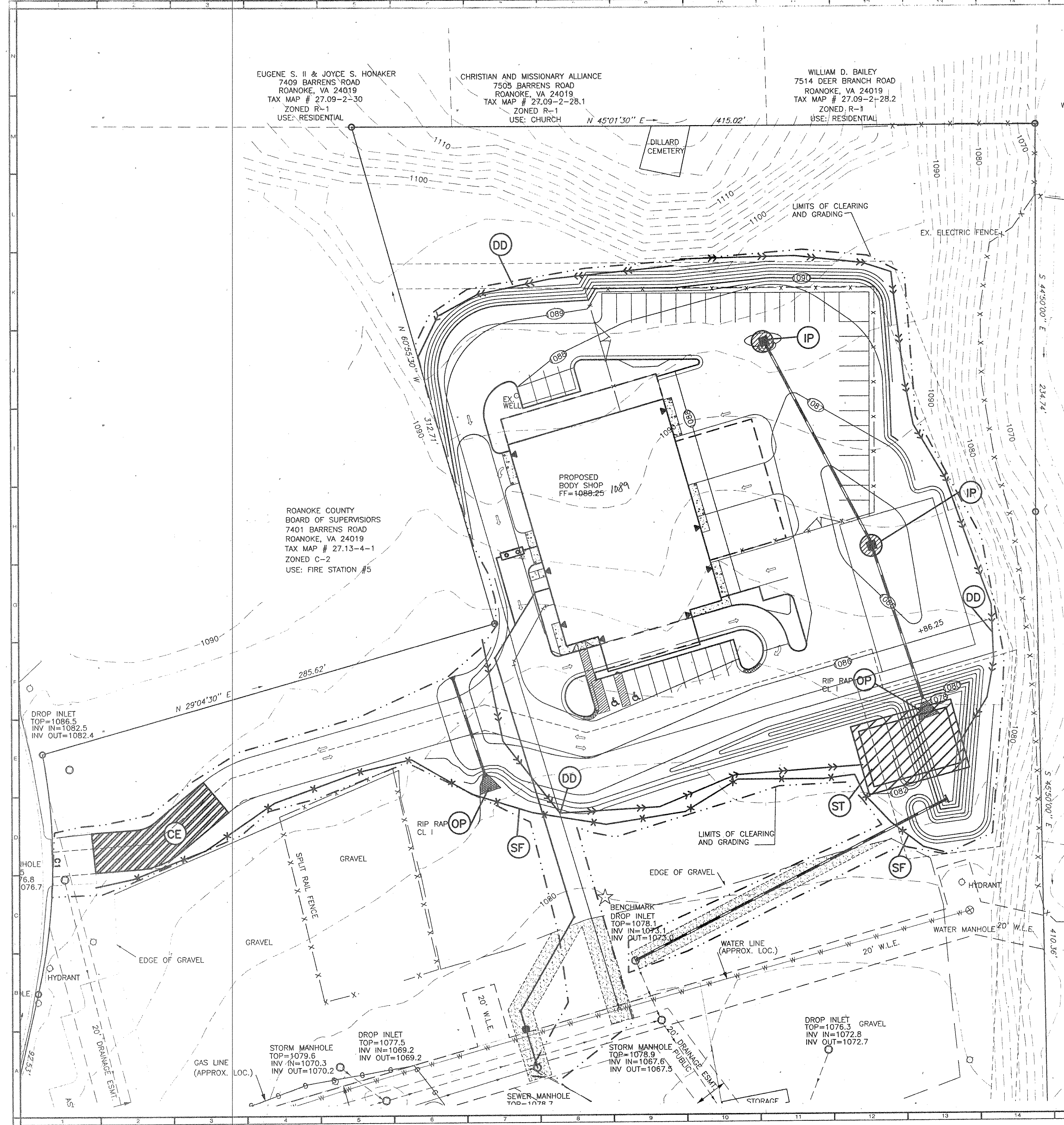
880 Technology Park Drive
Suite 200
Glen Allen, Virginia 23059
Phone: 804/553-0132
FAX: 804/553-0133

FIRST TEAM AUTO MALL
EROSION CONTROL PLAN
HOLLINS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY: DRB
DESIGNED BY: DRB
CHECKED BY: RIS
DATE: MAY 11, 2001

REVISIONS:
6-20-01
8-17-01
9-14-01

SCALE: 1"=30'
SHEET NO.
C5
JOB NO.
R0000178.00



NOTE:
1. THE LOCATION OF ALL OFF-SITE FILL AREAS OR BORROW AREAS ASSOCIATED WITH THE CONSTRUCTION PROJECT WILL BE PROVIDED TO ROANOKE COUNTY COMMUNITY DEVELOPMENT. AN EROSION CONTROL PLAN OR MEASURES MAY BE REQUIRED FOR THESE AREAS.

EROSION AND SEDIMENT CONTROL NARRATIVE
PROJECT DESCRIPTION
THE PROJECT CONSISTS OF THE CONSTRUCTION OF AN AUTO REPAIR FACILITY. NO PUBLIC UTILITIES ARE PLANNED. TOTAL PROJECT AREA IS 9.43 ACRES. TOTAL DISTURBED AREA IS APPROXIMATELY 2.79 ACRES.
EXISTING SITE CONDITIONS
A PORTION OF THE SITE IS DEVELOPED. THE REMAINING PROPERTY IS GRASSED WITH GRAVEL PARKING AREAS. THE SITE SLOPES FROM 6 TO 40 PERCENT.
ADJACENT PROPERTIES
ADJACENT PROPERTIES ARE ZONED RESIDENTIAL.
OFF-SITE AREAS
THE PROPERTY TO THE EAST WILL CONTINUE TO RECEIVE RUNOFF FROM THE SITE.
SOILS
ON SITE SOILS WERE IDENTIFIED ON THE "GENERALIZED SOIL PARENT MATERIAL MAP" OF ROANOKE VIRGINIA. SOILS IN THIS AREA ARE GENERALLY IDENTIFIED AS S2, UDORTHENTS-URBAN LAND COMPLEX.
CRITICAL EROSION AREAS
THE GRADING TO THE SOUTH EAST OF THE NEW BUILDING WILL BE SEEDED IMMEDIATELY AFTER GRADING TO STABILIZE THIS AREA AND PREVENT RUNOFF.
MANAGEMENT STRATEGIES
1. CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
2. THE GRAVEL CONSTRUCTION ENTRANCE WILL BE INSTALLED AS A FIRST STEP IN CONSTRUCTION.
3. OTHER MEASURES WILL BE INSTALLED AS WORK PROGRESSES INTO THOSE AREAS.
4. TEMPORARY SEEDING OR OTHER STABILIZATION WILL FOLLOW IMMEDIATELY AFTER GRADING.
5. THE JOB SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL PRACTICES.
6. AFTER ACHIEVING ADEQUATE STABILIZATION, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WILL BE CLEANED AND REMOVED.
PERMANENT STABILIZATION
ALL AREAS DISTURBED BY CONSTRUCTION WHICH DO NOT RECEIVE BUILDINGS OR PAVING SHALL BE STABILIZED WITH PERMANENT SEEDING AS SPECIFIED. ALL SEEDING SHALL BE TACKED AND MULCHED AND PLACED IMMEDIATELY AFTER REACHING FINISHED GRADE. THE PARKING AREA SHALL RECEIVE PAVING.
STORM WATER MANAGEMENT
A STORM WATER DETENTION FACILITY IS PLANNED FOR THIS PORTION OF THE PROPERTY.
MAINTENANCE
IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL. IN PARTICULAR:
1. SILT FENCE WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALFWAY TO THE TOP OF THE BARRIER.
2. THE SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED.
3. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES IMMEDIATELY AFTER EACH SIGNIFICANT RAINFALL AND DAILY DURING PERIODS OF PROLONGED OR HEAVY RAINFALL AND REPAIR ALL STRUCTURES AS NECESSARY WITHIN 48 HOURS.

TRUSTEES OF GLAD TIDINGS ASSEMBLY OF GOD
7422 DEER BRANCH ROAD
ROANOKE, VA 24019
TAX MAP # 27.10-1-1
ZONED R-2
USE: CHURCH

EROSION CONTROL PLAN
SCALE: 1"=30'