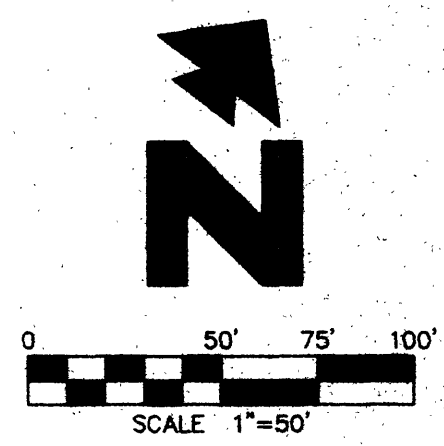
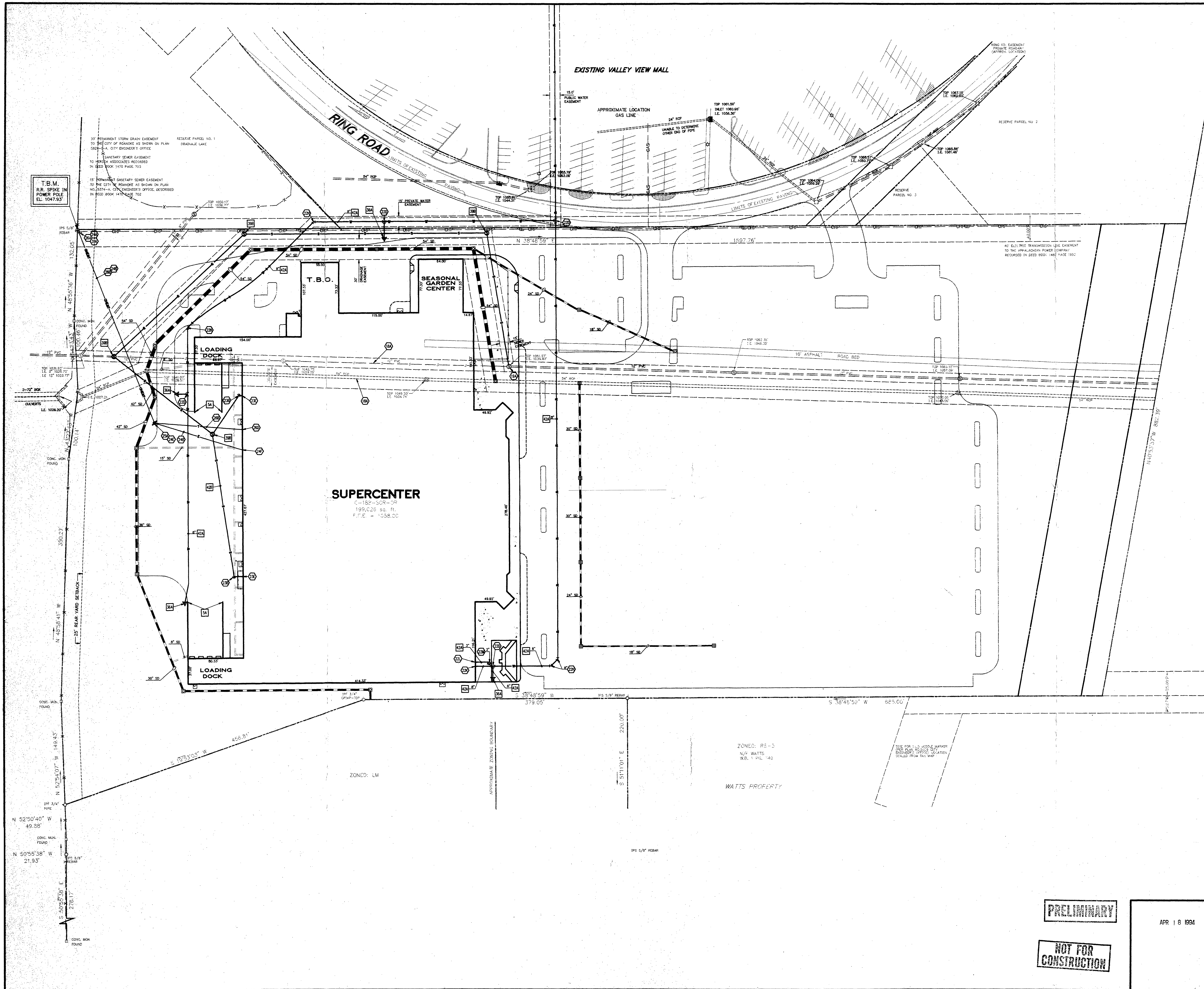




- LEGEND**
- EXISTING**
- IPS IRON PIN SET
  - IPF IRON PIN FOUND
  - RCP REINFORCED CONCRETE PIPE
  - CMP CORRUGATED METAL PIPE
  - UTILITY POLE
  - CATCH BASIN
  - WATER METER
  - STORM DRAIN MANHOLE
  - SANITARY SEWER MANHOLE
  - GUY WIRE
  - OVERHEAD POWER
  - CURB INLET
  - FENCE-LINE
  - TREELINE
  - UNDERGROUND GAS

- GENERAL NOTES:**
- ALL ELECTRIC, TELEPHONE, AND GAS EXTENSIONS AND SERVICE LINES TO BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY. SPECIFICATIONS, ALL UTILITY RECONNECTIONS TO BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
  - ENGINEER'S NOTICE TO CONTRACTOR: THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
  - NOTICE TO CONTRACTOR: PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM ALL MAINT AND NOT ENGINEER OF ANY CONFLICTS. PRIOR TO CONSTRUCTION, THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT THE ENGINEER IS NOT NOTIFIED OF DESIGN CONFLICT.
  - THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "WAL-MART STANDARD" SITE WORK SPECIFICATIONS.
  - NOTICE TO CONTRACTOR: CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.

- SPECIAL NOTES:**
- ALL WATER LINES TO BE 3" x 3" PVC WITH 36" MIN. COVER.
  - ALL SANITARY SEWER LINES TO BE 8" x 8" PVC WITH 36" MIN. COVER.
- TO SPRINKLER CONTRACTOR:**
- THE FOLLOWING FLOW AND PRESSURE DATA HAS BEEN CALCULATED AT THE SPRINKLER SERVICE ENTRANCE (PVC) IN CORNER AND THE CITY SERVICE SIDE / SPRINKLER RISER SIDE OF ANY REQUIRED BACK FLOW OR CHECK VALVE SERVICE:
- STATIC PRESSURE = 81 PSI  
RESIDUAL PRESSURE = 56 PSI  
AT 1150 GPM FLOW

- Details:** (See Detail Sheet for the Following)
- 5A. GUARD POST (SINGLE)
  - 5A. FIRE HYDRANT ASSEMBLY - SEE DETAIL FOR BRAND & TYPE
  - 3A. PRECAST SANITARY SEWER MANHOLE
  - 4A. WATER LINE BEDDING
  - 4B. SANITARY SEWER LINE BEDDING

- Notes:**
- 18A. EXISTING TO BE REMOVED
  - 19A. EXISTING TO REMAIN
  - 22A. POINT OF CONNECTION - WATER SERVICE (PER LOCAL CODES)
  - 22B. M.A. TAPPING SLEEVE WITH M.A. TAPPING VALVE AND THRUST BLOCKING WITH ADJUSTABLE VALVE BOX (SEE SIZES THIS SHEET)
  - 22D. M.A. TEE WITH THRUST BLOCKING (SEE SIZES THIS SHEET)
  - 22H. 45° M.A. BEND WITH THRUST BLOCKING (SEE SIZES THIS SHEET)
  - 22K. SPRINKLER ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET)
  - 22L. METERED DOMESTIC WATER SERVICE ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET)
  - 22M. PROPOSED WATER METER (SEE SIZE THIS SHEET)
  - 23B. SANITARY SEWER CLEAN-OUT (PER LOCAL CODES)
  - 23C. SANITARY SEWER SERVICE ENTRY (PER ARCH. PLANS)
  - 24A. POINT OF CONNECTION - ELECTRIC SERVICE (PER LOCAL CODES)
  - 24B. OVERHEAD ELECTRIC SERVICE PER LOCAL ELECTRIC COMPANY SPECIFICATIONS
  - 24C. PROPOSED POLE MOUNTED TRANSFORMER
  - 24F. ELECTRIC SERVICE ENTRY (PER ARCH. PLANS)
  - 25A. PROPOSED POWER POLE
  - 26A. POINT OF CONNECTION - TELEPHONE SERVICE (PER LOCAL CODES)
  - 26B. OVERHEAD TELEPHONE SERVICE PER LOCAL TELEPHONE COMPANY
  - 26D. TELEPHONE SERVICE ENTRY (PER ARCH. PLANS)
  - 31A. LOCATION FOR THIS UTILITY AS SHOWN IS FOR DRAWING PURPOSES ONLY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN FIELD PRIOR TO THE CONSTRUCTION OF THE PROPOSED UTILITY LINE TO BE CONNECTED. CONTRACTOR SHALL NOTIFY CCI ENGINEERING ASSOCIATES, INC. IF THE DESIGN AS SHOWN IS NOT ACHIEVABLE.

PRELIMINARY

NOT FOR CONSTRUCTION

APR 18 1994

|                                                                 |         |    |     |     |                  |
|-----------------------------------------------------------------|---------|----|-----|-----|------------------|
| PRELIMINARY                                                     | 4/12/94 | LD | APC | TMP | JRC              |
| DATE                                                            | PRN     | PM | DES | DRW |                  |
| <b>WAL-MART STORES, INC.</b>                                    |         |    |     |     |                  |
| <b>SUPERCENTER</b>                                              |         |    |     |     |                  |
| <b>ENGINEERING ASSOCIATES, INC.</b>                             |         |    |     |     |                  |
| ENGINEERS • PLANNERS • SURVEYORS                                |         |    |     |     |                  |
| 9175 GULFORD ROAD, SUITE 306 (301) 490-4145 JOB NO.: 9133.2.351 |         |    |     |     |                  |
| COLUMBIA, MARYLAND 21046 DWG NAME: 9133PROJ                     |         |    |     |     |                  |
| <b>UTILITY PLAN</b>                                             |         |    |     |     |                  |
| <b>INTERSTATE 581</b>                                           |         |    |     |     |                  |
| <b>ROANOKE VIRGINIA</b>                                         |         |    |     |     |                  |
| DATE: 4/12/94                                                   |         |    |     |     | SHEET NO. 5 of 6 |
| D2                                                              |         |    |     |     |                  |