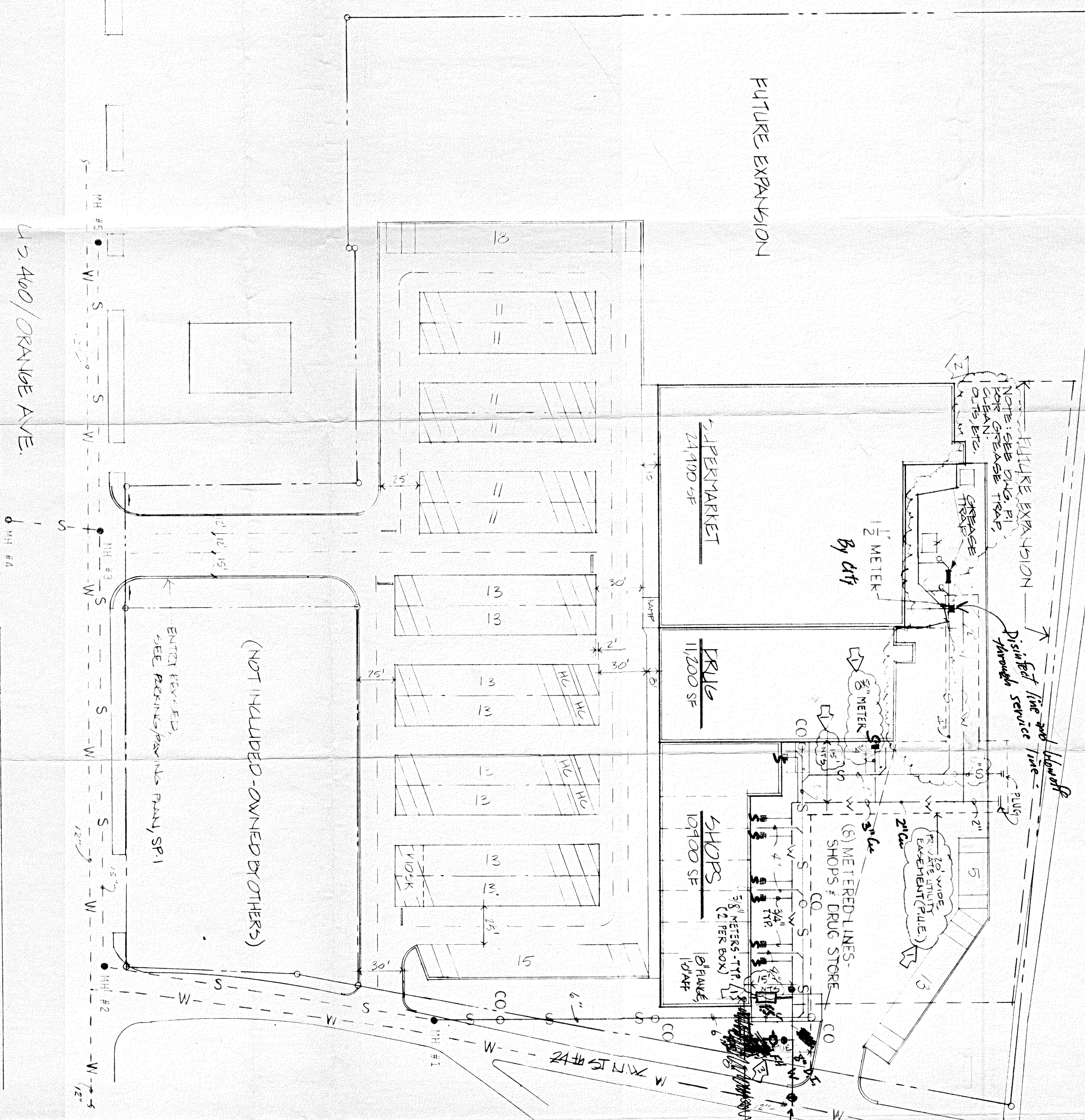
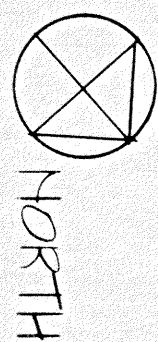


NOTE  
FIRE SERVICE VAULT YARNING ETC.  
BY CITY OF ROANOKE PLACE AT EDGE  
OF PROPERTY

FUTURE EXPANSION



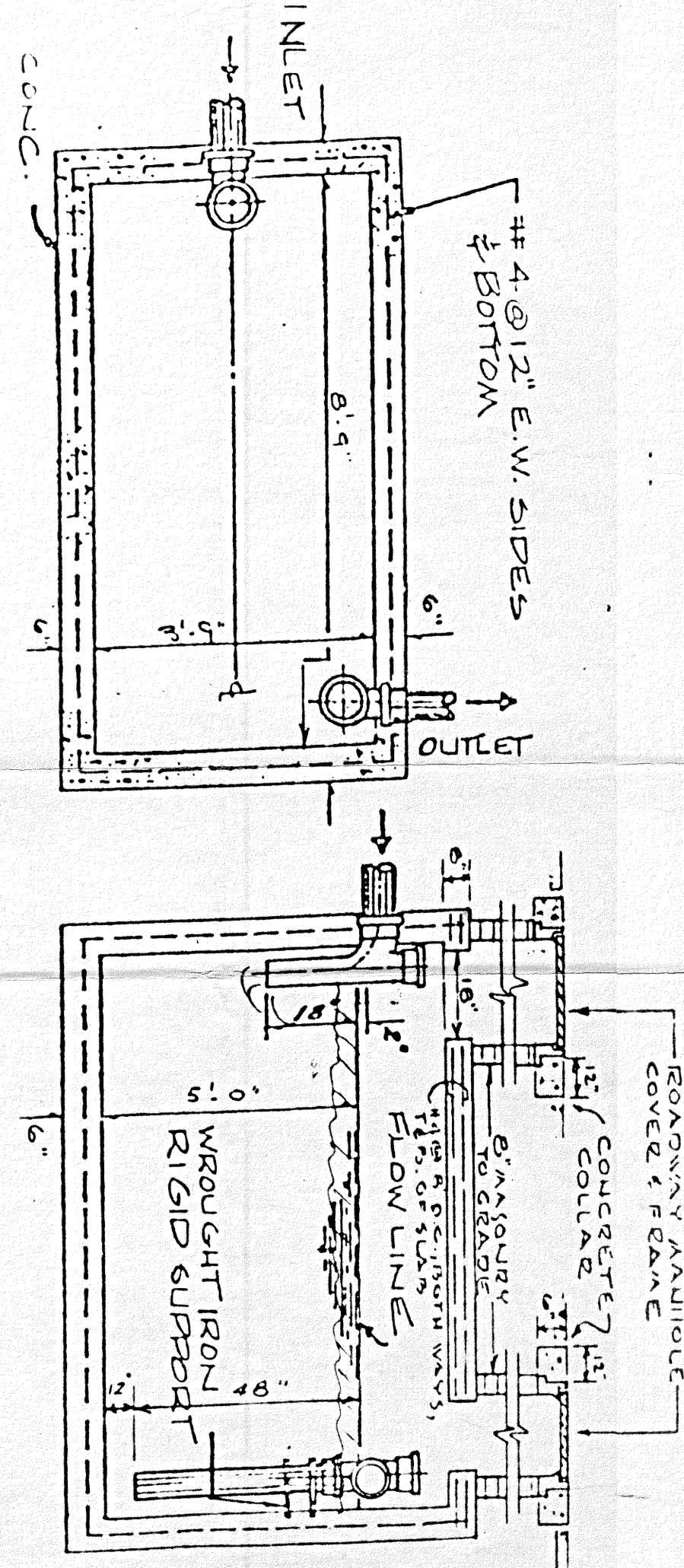
MECHANICAL SITE UTILITIES PLAN  
SCALE: 1/4\"/>



- City will:
1. Make 8" tap on 12" w/l
  2. Lay 8" to FS vault as part of the FS,
  3. Route for FH lateral
  4. Route for FS lateral
  5. Install 6" FS & vault
  6. Install 1/2" Domestic service
  7. Run samples in disinfected line.
- Contractor will:
1. Provide 6" FH and FH and install.
  2. Lay 3" and 2" Cu lines.
  3. Install 3" - 3/4" services less meters.
  4. Disinfected line
  5. Every thing else as by plan.
  6. Lay for 6" FS and 1/2" Domestic services

NOTE: PIPE (PRIVATE UTILITY EXEMPTION)  
TO BE LOCATED NEXT TO BUILDINGS  
AND WILL INCLUDE WATER MAIN  
EXTENSION AND WATER METERS.  
WATER MAIN EXTENSION SHALL BE  
LOCATED WITHIN THE 20' WIDE PILE.

NOTE: SPRINKLER STANDPIPE MOVED  
FROM SUPERMARKET TO OUTSIDE SMALL  
SHOP & ENTIRE WATER DISTRIBUTION  
TO METERS IS REVISED AS SHOWN



NOTES

1. TERMINATE, CAP OR PLUG ALL SEWER AND WATER LINES FOR FUTURE CONNECTION @ 5' FROM OUTSIDE BUILDING WALLS, UNLESS OTHERWISE NOTED.
2. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, TAP CHARGES AND ALL COSTS OF INSTALLATION BY CITY AND UTILITY FORCES.

REVISION NOTES 3/13/83

Revise water service to drug store from 1-1/4" meter, 2nd line, to 5/8" meter and 3/4" line.

Fire Service Vault shall be installed by the City of Roanoke paid for by the site utility contractor.

NOTE: DIMENSIONS MAY VARY IF NECESSARY TO PROVIDE BEARING AGAINST UNDISTURBED TRENCH WALL

NOTE: BEARING AREAS SHOWN ARE BASED ON 150 PSIG TEST PRESSURE AND 3000 PSF BOLT BEARING VALVE

HORIZONTAL BLOCKING TABLE

| PIPE SIZE DIA | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | TEE & PLUG |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| 4"            | A'  | B'  | C'  | D'  | E'  |     |     |     |     |     |            |
| 4"            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0        |
| 6"            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0        |
| 8"            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0        |
| 10"           | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0        |
| 12"           | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0        |

DETTS ENGINEERING ASSOC., INC.  
427 E. 5th STREET  
CHATTANOOGA, TENNESSEE  
615-796-7777 37402



CAPITAL DEVELOPMENTS, INC.  
ONE NORTHGATE PARK/ CHATTANOOGA, TN 37415

FRANKLIN GROUP ARCHITECTS P.A.  
615 Lindsay Street - Chattanooga, Tennessee 37402 - (615) 267-7681

SHOPPING CENTER AT  
ORANGE AVE & 24th ST  
ROANOKE, VIRGINIA  
FOOD WORLD SHOPPING CENTER  
WATER DEPT PLAN N° 83-06  
SEPT. 1, 1983

3/14/83  
3/30/83  
4/25/83

SU-1

83-06