

GENERAL NOTES:

1. EXISTING TOPOGRAPHIC INFORMATION IS TAKEN FROM FIELD SURVEYS PERFORMED BY MATTERN AND CRAIG IN WINTER, 1993.

2. ELEVATIONS ARE BASED ON USGS DATUM.

3. THE LOCATION OF EXISTING UTILITIES, INCLUDING UNDERGROUND UTILITIES, IS INDICATED ON THE DRAWINGS INSOFAR AS THER EXISTENCE AND LOCATION WERE KNOWN AT THE TIME OF PREPARATION OF DRAWINGS, HOWEVER, NOTHING IN THESE CONTRACT DOCUMENTS SHALL BE CONSTRUED AS A GUARANTEE THAT SUCH UTILITIES ARE IN THE LOCATION INDICATED OR THAT THEY ACTUALLY EXIST, OR THAT OTHER UTILITIES ARE NOT WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE EXISTENCE AND LOCATIONS OF SUCH UTILITIES. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.

4. THE CONTRATOR SHALL CONTACT "MISS UTILITY" (1-800-552-7001) 48 HOURS PRIOR TO WORKING IN THE VICINITY OF THE EXISTING UTILITIES TO OBTAIN FIELD UTILITY LOCATIONS.

5. THE CONTRACTOR IS DIRECTED TO DIG AND LOCATE ALL UTILITIES IN ADVANCE OF PIPE LAYING, TO ALLOW FOR ADJUSTMENTS, DUE TO CONFLICTS WITH THE UTILITIES, IN THE HORIZONTAL AND VERTICAL LOCATION OF THE PIPE LINE.
6. NOTE THE STANDARD DETAILS IN THE SPECIFICATIONS.

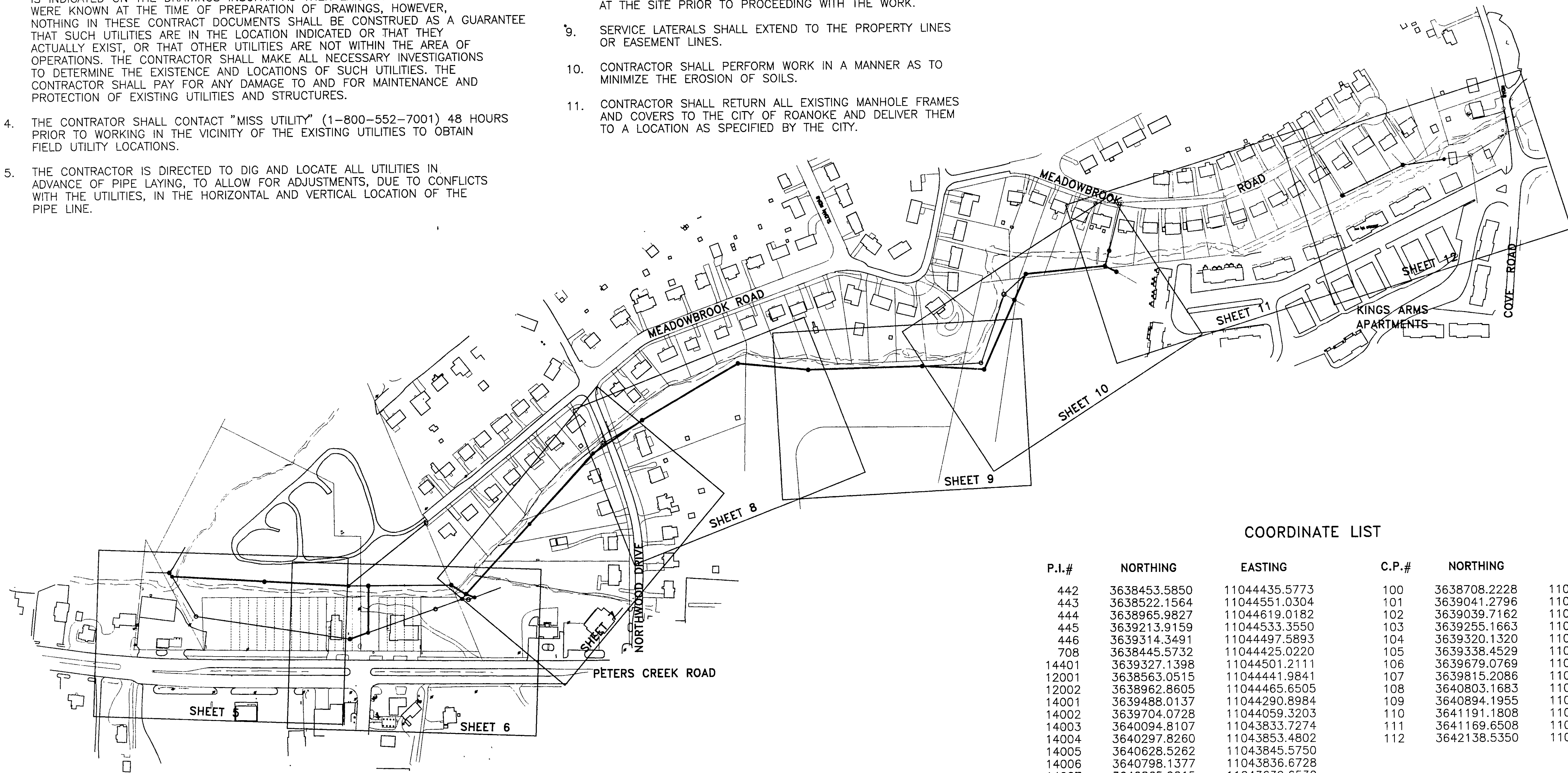
7. CONTRACTOR SHALL ARRANGE FOR UTILITY POLE AND UNDERGROUND UTILITY RELOCATION AS HIS SCHEDULE REQUIRES.

8. THE PLANS AND SUPPLEMENTARY DRAWINGS SHALL NOT BE SCALED AND THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ELEVATIONS AT THE SITE PRIOR TO PROCEEDING WITH THE WORK.

9. SERVICE LATERALS SHALL EXTEND TO THE PROPERTY LINES OR EASEMENT LINES.

10. CONTRACTOR SHALL PERFORM WORK IN A MANNER AS TO MINIMIZE THE EROSION OF SOILS.

11. CONTRACTOR SHALL RETURN ALL EXISTING MANHOLE FRAMES AND COVERS TO THE CITY OF ROANOKE AND DELIVER THEM TO A LOCATION AS SPECIFIED BY THE CITY.

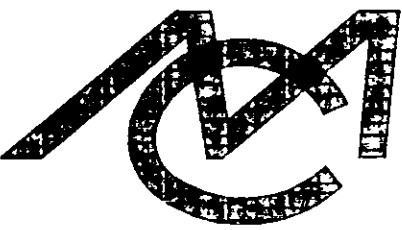
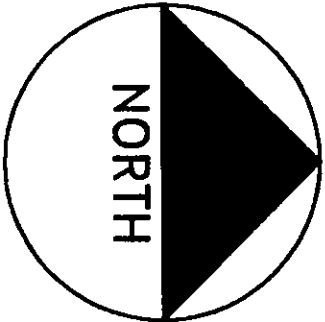
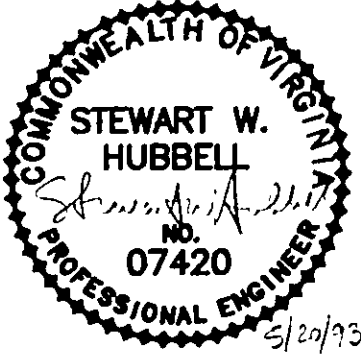


COORDINATE LIST

| P.I.# | NORTHING | EASTING | C.P.# | NORTHING | EASTING |
|-------|--------------|---------------|-------|--------------|---------------|
| 442 | 3638453.5850 | 11044435.5773 | 100 | 3638708.2228 | 11044449.6126 |
| 443 | 3638522.1564 | 11044551.0304 | 101 | 3639041.2796 | 11044461.2881 |
| 444 | 3638965.9827 | 11044619.0182 | 102 | 3639039.7162 | 11044592.8944 |
| 445 | 3639213.9159 | 11044533.3550 | 103 | 3639255.1663 | 11044452.1172 |
| 446 | 3639314.3491 | 11044497.5893 | 104 | 3639320.1320 | 11044489.7066 |
| 708 | 3638445.5732 | 11044425.0220 | 105 | 3639338.4529 | 11044501.3071 |
| 14401 | 3639327.1398 | 11044501.2111 | 106 | 3639679.0769 | 11044085.3548 |
| 12001 | 3638563.0515 | 11044441.9841 | 107 | 3639815.2086 | 11043995.1559 |
| 12002 | 3638962.8605 | 11044465.6505 | 108 | 3640803.1683 | 11043846.5236 |
| 14001 | 3639488.0137 | 11044290.8984 | 109 | 3640894.1955 | 11043655.1999 |
| 14002 | 3639704.0728 | 11044059.3203 | 110 | 3641191.1808 | 11043576.2339 |
| 14003 | 3640094.8107 | 11043833.7274 | 111 | 3641169.6508 | 11043515.7219 |
| 14004 | 3640297.8260 | 11043853.4802 | 112 | 3642138.5350 | 11043255.6822 |
| 14005 | 3640628.5262 | 11043845.5750 | | | |
| 14006 | 3640798.1377 | 11043836.6728 | | | |
| 14007 | 3640865.9015 | 11043639.6530 | | | |
| 14008 | 3640929.2099 | 11043581.6055 | | | |
| 14009 | 3641157.9854 | 11043559.6077 | | | |
| 14010 | 3641206.7026 | 11043376.3330 | | | |
| 14011 | 3641503.6787 | 11043363.8632 | | | |
| 14012 | 3641759.0196 | 11043222.3208 | | | |
| 14013 | 3641844.6713 | 11043359.4930 | | | |
| 14014 | 3642020.0985 | 11043272.3883 | | | |

RECORD DRAWINGS

1-11-94

| | | | | | | | | | | | |
|--|-----------------|---|--|------|----------|-----------------|-----|------|--|---|------------|
|  Mattern & Craig CONSULTING ENGINEERS - SURVEYORS | DESIGNED TAM |  |  | REV. | DATE | DESCRIPTION | BY | APP. | DATE MAY 1993 COMM. NO. 1245 | PETERS CREEK SANITARY SEWER REPLACEMENT PROJECT PC-1 SHEET INDEX CITY OF ROANOKE, VIRGINIA SCALE: 1"=150' | SHEET 4 |
| | DRAWN: TAM | | | 1 | 11/11/94 | RECORD DRAWINGS | TAM | SWH | | | |
| | CHECKED: | | | | | | | | | | |
| | SWH | | | | | | | | | | |