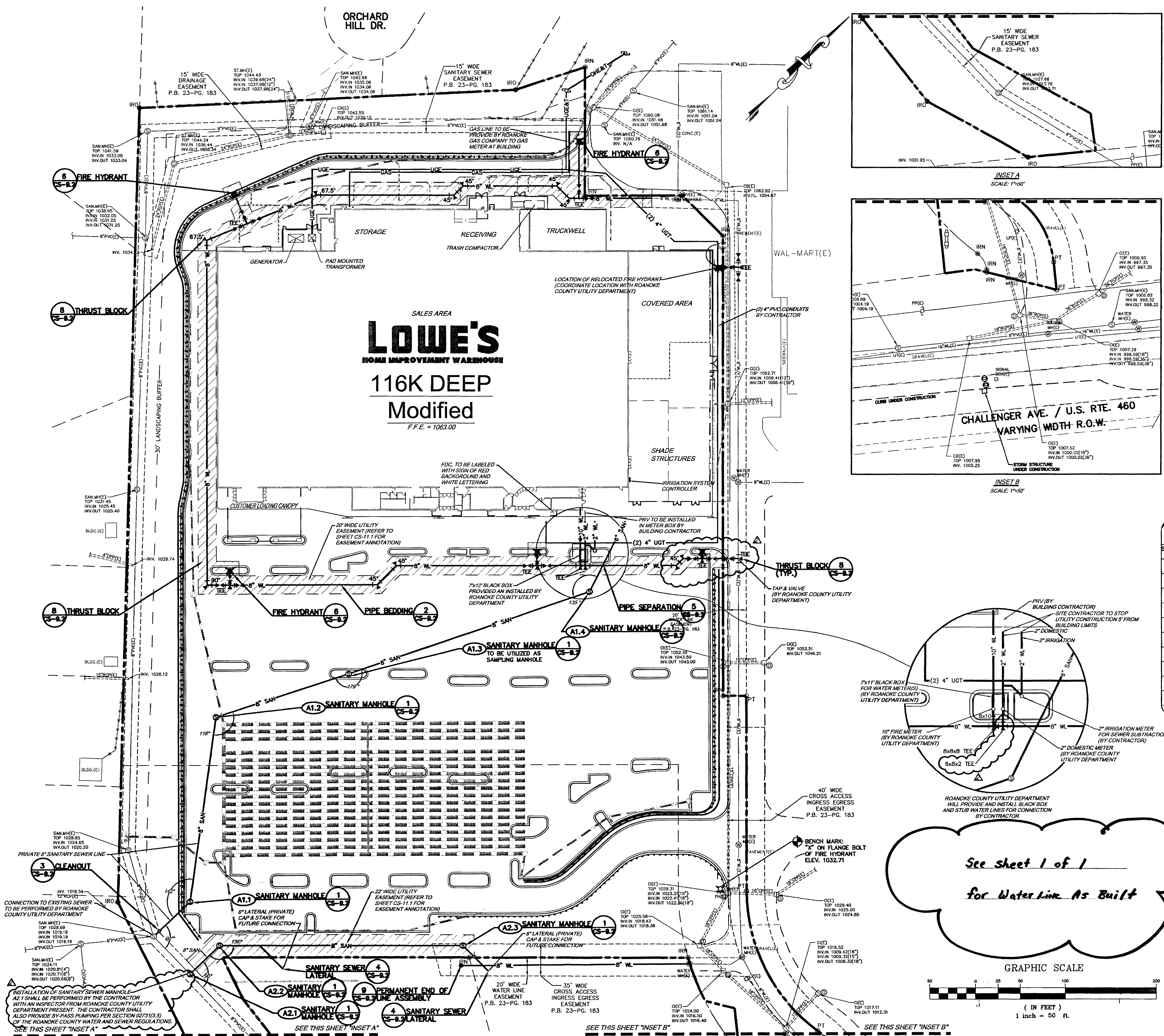




- STANDARD NOTES:**
- 1) ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ROANOKE COUNTY UTILITY DEPARTMENT OR LOWE'S SITE SPECIFICATIONS WHICHEVER IS MORE STRINGENT.
 - 2) THE CONTRACTOR SHALL CONFIRM FIELD LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - 3) CONNECTION TO EXISTING CITY FACILITIES SHALL BE MADE ONLY UNDER THE SUPERVISION OF A REPRESENTATIVE OF THE ROANOKE COUNTY UTILITY DEPARTMENT.
 - 4) CONTRACTOR SHALL PROVIDE 2' x 8' THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.
 - 5) CONTRACTOR WILL BE RESPONSIBLE FOR ALL TAP AND TIE IN FEES REQUIRED, AS WELL AS COST OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
 - 6) ELECTRICAL SERVICE TO PAD MOUNTED TRANSFORMER SHALL BE RUN UNDERGROUND, FROM ROAD RIGHT-OF-WAY TO TRANSFORMER LOCATION, ASSOCIATED COST BY CONTRACTOR.
 - 7) CONTRACTOR SHALL FURNISH (2) - 4" TELEPHONE CONDUIT(S) TO THE BUILDING AT THE LOCATION SHOWN ON THE PROTOTYPE BUILDING PLANS AND SHALL PROVIDE MIN. 10' PULL CORDS INSIDE CONDUIT.
 - 8) ALL WATER AND SANITARY LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON THIS SYSTEM PRIOR TO INSTALLATION.
 - 9) ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH DIVISION 2 OF LOWE'S STANDARD SITE SPECIFICATIONS.
 - 10) FIRE LINE SHALL BE STUBBED UP 1' ABOVE FFE IN SPRINKLER ROOM.
 - 11) REFER TO PLUMBING SHEETS FOR LOCATION OF SEWER, DOMESTIC, AND IRRIGATION CONNECTIONS.
 - 12) REFERENCE AVAILABILITY LETTER 02-214 FROM ROANOKE COUNTY UTILITY DEPARTMENT.
- ON SITE WATER LINE NOTES:**
- 1) ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 3'-0" ABOVE TOP OF PIPE.
 - 2) THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS.
 - 3) DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
 - 4) ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE. SEE SITE WORK SPECIFICATIONS.
 - 5) ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
 - 6) THE CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.
 - 7) BACKFLOW PREVENTERS SHALL BE PROVIDED BY CONTRACTOR. 2" DOMESTIC SERVICE LINE WITH R.P.D.A. BACKFLOW PREVENTION AND 10" FIRE PROTECTION SERVICE LINE WITH D.C.D.A. BACKFLOW PREVENTION.
 - 8) ALL SPRINKLER, DOMESTIC AND SANITARY LEADS TO BUILDING SHALL END AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY.
 - 9) ALL FIRE HYDRANTS SHALL BE PROVIDED WITH AN APPROVED GATE VALVE A MAXIMUM OF 5'-0" FROM HYDRANT.
 - 10) SEE SITE SPECIFICATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS.
 - 11) CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS AND ADJUST ACCORDINGLY.
 - 12) REFER TO SHEETS FP-1 & FP-2 FOR LOCATION AND DETAIL OF FIRE LINE LEAD IN.

CONSTRUCTION NOTES:

1. ELECTRIC SERVICE CONNECTION AND TRANSFORMER INSTALLATION SHALL BE COORDINATED WITH AMERICAN ELECTRIC POWER.
2. THE CONTRACTOR SHALL COORDINATE THE RELOCATION AND ADJUSTMENT OF POWER POLES WITH AMERICAN ELECTRIC POWER.
3. THE CONTRACTOR SHALL COORDINATE THE RELOCATION AND ADJUSTMENT OF TELEPHONE POLES WITH VERIZON.
4. NATURAL GAS SERVICE DESIGN AND CONNECTION SHALL BE COORDINATED WITH ROANOKE GAS COMPANY.

TABLE OF SANITARY SEWER BEARINGS & DISTANCES				
STRUCTURE ID	COORD. BLDG.	LINE	BEARING	DIST.
STUB @ BLDG.	N-3644852.6003 E-11084591.0224	STUB TO A1.4	S181°4'27"E	87.32'
A1.4	N-3644769.6668 E-11084624.3553	A1.4 TO A1.3	S26°21'03"W	279.23'
A1.3	N-3644519.4491 E-11084500.4133	A1.3 TO A1.2	S27°02'36"W	152.99'
A1.2	N-3644383.1869 E-11084430.8546	A1.2 TO A1.1	S36°50'03"E	203.92'
A1.1	N-3644219.9119 E-11084553.1072	A1.1 TO EXIST.	S01°20'07"W	54.90'
EXIST.	N-3644165.0827 E-11084551.8278	-	-	-
A2.3	N-3644396.5546 E-11084793.2310	A2.3 TO A2.2	S45°13'50"W	266.85'
A2.2	N-3644208.6553 E-11084609.8140	A2.2 TO 2.1	S01°20'07"W	44.91'
A2.1	N-3644163.7552 E-11084608.7674	-	-	-

- LEGEND**
- | EXISTING | NEW | DESCRIPTION |
|-----------|-----------|-------------------------------|
| ● | ● | IRON ROD |
| --- | --- | PROPERTY LINES |
| -x-x- | -x-x- | FENCE |
| --- | --- | STORM SEWER |
| ⊙ | ⊙ | STORM MANHOLE |
| □ | □ | CATCH BASIN/CURB INLET |
| 8" SAN(E) | 8" SAN | SANITARY SEWER |
| ⊙ | ⊙ | SANITARY MANHOLE |
| ○ | ○ | WATER METER |
| ▶ | ▶ | THRUST BLOCK OR REDUCER |
| ⋈ | ⋈ | GATE VALVE |
| ⋈ | ⋈ | FIRE HYDRANT |
| --- | --- | WATER LINE |
| ⋈ | ⋈ | POWER POLE |
| --- | --- | GUY WIRE |
| --- | --- | UNDERGROUND ELECTRIC |
| ---(E)--- | ---(E)--- | OVERHEAD ELECTRIC & TELEPHONE |
| --- | --- | UNDERGROUND TELEPHONE |
| --- | --- | NATURAL GAS |
| --- | --- | EASEMENT |

NOTICE

LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHOWN ARE APPROXIMATE AND NOT NECESSARILY ALL OF THE EXISTING UTILITIES AND STRUCTURES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND EXISTENCE OF ALL UTILITIES AND UNDERGROUND STRUCTURES.

Lowes
HOME CENTERS, INC.
P.O. BOX 1111 N. WILKESBORO, NC 28696

DATE	DESCRIPTION
3/12/03	COUNTY REVISION

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ORIGINAL
ISSUE DATE: APR 15 2003
PERMIT SET
ISSUE DATE:
CONSTRUCTION SET
ISSUE DATE:
DRAWING NUMBER:
CS-8.1
OF 11
T&P Project No. 0221701C