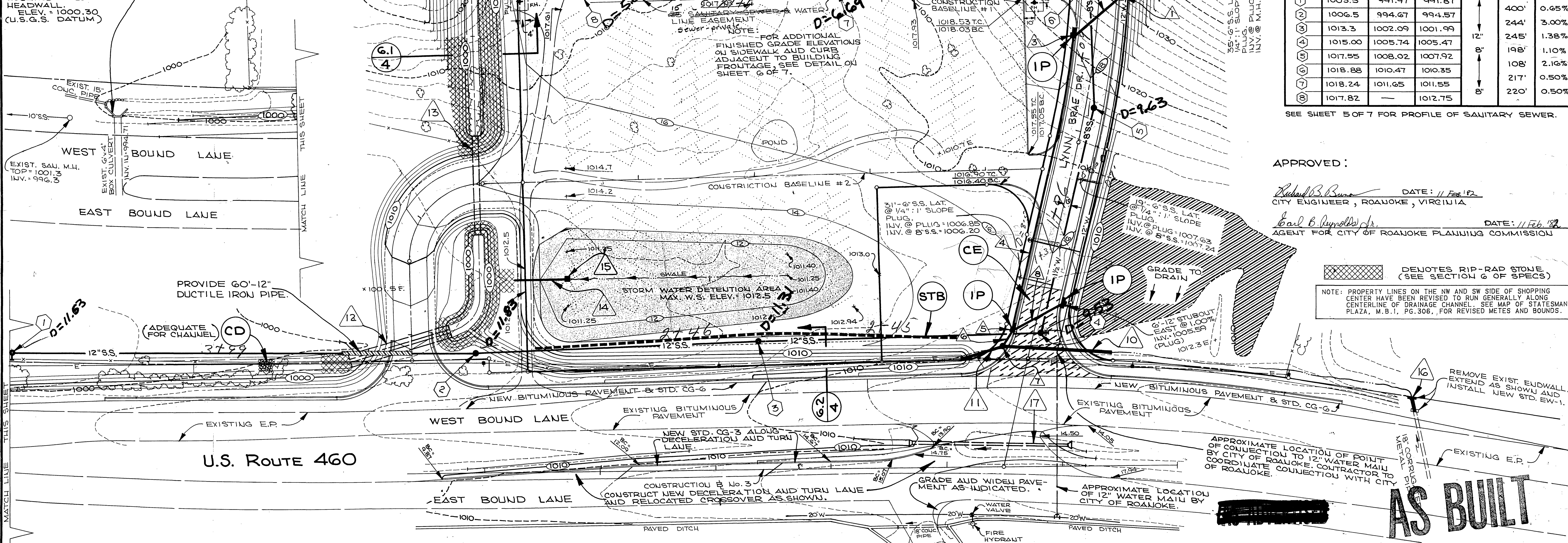


- 1 STD. DI-38, L=10'
TOP=1018.94
INV. OUT=1014.30
- 2 54'-15" STORM DRAIN REQD.
- 3 STD. DI-38, L=6'
TOP=1015.10
INV. IN=1013.84
INV. OUT=1013.74
- 4 262'-15" STORM DRAIN REQD.
- 5 STD. DI-38, L=6'
TOP=1015.10
INV. IN=1010.46
INV. OUT=1010.36
- 6 15'-15" STORM DRAIN REQD.
- 7 STD. MH-2
TOP=1014.23
INV. IN (36")=1007.90
INV. IN (15")=1009.65
INV. OUT (36")=1007.80
- 8 50'-15" STORM DRAIN REQD.
- 9 STD. DI-30, L=8'
TOP=1015.52
INV. OUT=1010.88
- 10 92'-36" STORM DRAIN REQD.
INV. IN (MH-2)=1007.80
INV. OUT=1007.34
- 11 38'-36" STORM DRAIN REQD.
INV. IN (MH-2)=1007.80
INV. OUT=1007.34
- 12 90'-DBL. 48"
PIPE REQD.
INV. IN=997.12
INV. OUT=996.67
- 13 85'-54" PIPE REQD.
INV. IN=998.25
INV. OUT=997.60
- 14 45'-15" PIPE REQD.
INV. OUT=1007.46
- 15 STD. DI-1
TOP=1011.00
INV. OUT=1008.36
- 16 12'-18" C.M. PIPE EXT'N. REQ'D
1-STD. EW-1 REQ'D
- 17 135'-18" CONC. PIPE
REQ'D
STD. ES-1 FLARED
END SECTION
REQD. LT. & RT.
INV. IN=1010.95
INV. OUT=1010.00

SEE SHEET 5 OF 7 FOR
PROFILE OF STORM DRAIN.

AS BUILT

BENCH MARK:
BRONZE METAL DISC
LOCATED ON CONCRETE
HEADWALL.
ELEV. = 1000.30
(U.S.G.S. DATUM)



VERIDICAL OF MAP MADE
FOR SHILL
FOR SHILL
INC. & BILLY H. BRADSHAW
BY BRADSHAW & ASSOCIATES
JUNE 3, 1977.

NOTES:

1. FOR SOIL EROSION CONTROL SYMBOLS SHOWN ON THIS PLAN REFER TO THE VIRGINIA UNIFORM CODING SYSTEM CONTAINED IN THE VIRGINIA SOIL EROSION & SEDIMENT CONTROL HANDBOOK, SECOND EDITION, DATED 1981. SEE SHEET 7 OF 7 FOR DETAILS AND GENERAL NOTES FOR EROSION CONTROL.
2. DUCTILE IRON PIPE FOR 12" DIAMETER WATER LINE ONLY. WILL BE PROVIDED BY THE CITY OF ROANOKE. INSTALLATION BY SITE CONTRACTOR. CONTRACTOR TO PROVIDE AND INSTALL VALVE VAULT FOR 12" GATE VALVE AND 8" GATE VALVE.
3. SEE DIMENSIONAL LAYOUT PLAN, SHEET 3 OF 7, FOR PROPERTY LINE DATA AND CONSTRUCTION BASELINE DATA.

6"-8" S.S. STUBOUT @ 1.30%
FOR FUTURE CONNECTION.
PLUG.

SANITARY SEWER SUMMARY						
M.H. No.	TOP	INVERT ELEVATIONS		CONSTRUCTING SEWER		
STUB		IN	OUT	DIA.	LENGTH	GRADE
1	1003.5	991.87	991.83	12"	6'	0.65%
2	1006.5	991.97	991.87	12"	400'	0.65%
3	1013.3	1002.09	1001.99	12"	244'	3.00%
4	1015.00	1005.74	1005.47	12"	245'	1.38%
5	1017.55	1008.02	1007.92	8"	198'	1.10%
6	1018.88	1010.47	1010.35	8"	108'	2.16%
7	1018.24	1011.65	1011.55	8"	217'	0.50%
8	1017.82		1012.75	8"	220'	0.50%

SEE SHEET 5 OF 7 FOR PROFILE OF SANITARY SEWER.

APPROVED:

Richard B. Brown DATE: 11 Feb 1982
CITY ENGINEER, ROANOKE, VIRGINIA
Carl B. Ruppel Jr. DATE: 11 Feb 1982
AGENT FOR CITY OF ROANOKE PLANNING COMMISSION

DENOTES RIP-RAP STONE
(SEE SECTION 6 OF SPECS)

NOTE: PROPERTY LINES ON THE NW AND SW SIDE OF SHOPPING CENTER HAVE BEEN REVISED TO RUN GENERALLY ALONG CENTERLINE OF DRAINAGE CHANNEL. SEE MAP OF STATESMAN PLAZA, M.B.1, PG.306, FOR REVISED METES AND BOUNDS.

AS BUILT

REVISIONS			
DATE	REMARKS	BY	
10-8-81	ROAD GRADE, SITE GRADING, BUILDING ELEV. & SAN. SEWER & WATER LINE	ELJ	
12-17-81	CROSSOVER & TURN LANE	ELJ	
1-27-82	SANITARY SEWER, GRADING AT BACK FILL TOWN, STORM DRAIN AT MARKET SQUARE DRIVE	ELJ	

T. P. PARKER & SON
engineers & surveyors, ltd.
TELEPHONE (703) 387-1153
P.O. BOX 367, SALEM, VIRGINIA 24153

MARKET SQUARE EAST
DEVELOPED BY
AREA CORPORATION
CITY OF ROANOKE, VIRGINIA

GRADING, UTILITIES AND SOIL
EROSION & SEDIMENT CONTROL PLAN
DATE: SEPTEMBER 18, 1981
SCALE: 1"=40'
SHEET 4 OF 8

(RT. 460 - EAST)
Market Square East