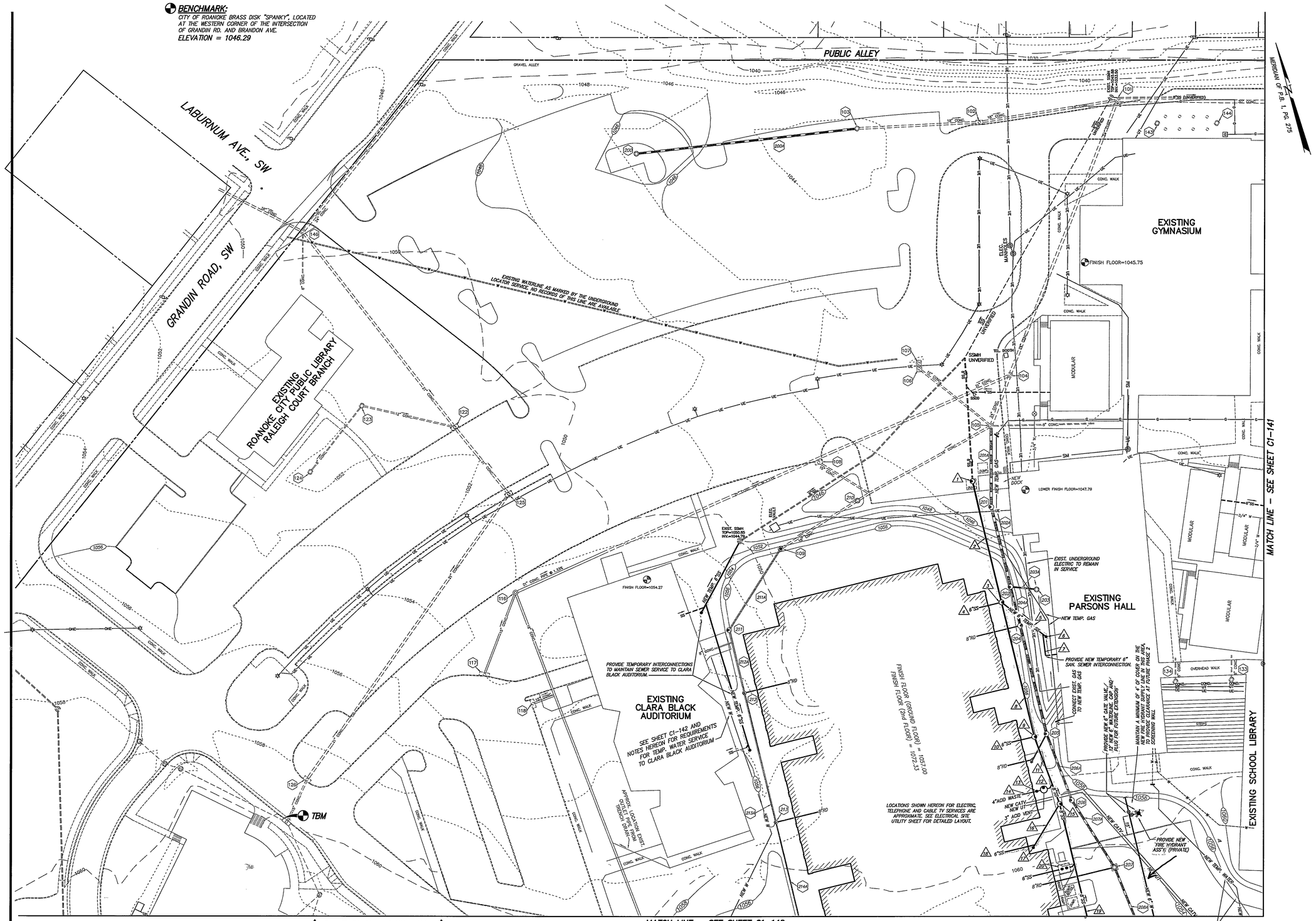

TEMPORARY BENCHMARK:
CHISELED SQUARE ON NORTHWEST CORNER OF EXISTING CURB INLET, LOCATED IN FRONT OF THE GOVERNOR'S SCHOOL.
ELEVATION = 1059.98

△ SANITARY SEWER SCHEDULE △

1 PROVIDE NEW TEMP. SSMH
RIM=1046.7
INV. =1039.95
FIELD-VERIFY PRIOR TO CONSTRUCTION
2 PROVIDE 99'-8" DUCTILE IRON SS @ ± 2.78%
3 PROVIDE NEW DROP SSMH
RIM=1056.00
INV. IN (6"EAST)=1042.80
INV. IN (6"WEST)=1052.00 (DROP)
INV. IN (8")=1042.80
INV. OUT=1042.70
4 PROVIDE NEW 6" SS @ 1.04% MIN.
5 PROVIDE 44'-6" SS @ 1.04% MIN.
6 PROVIDE NEW SSCO
TOP=1047.3
INV.= ±1043.8 (3" COVER ASSUMED)
FIELD-VERIFY PRIOR TO CONSTRUCTION
7 CONNECT EXIST. 6"SS TO NEW TEMPORARY 6"SS
8 PROVIDE 110'-8" SS @ 1.67%
9 PROVIDE NEW SSMH
RIM=1056.00
INV. IN (6")=1046.50
INV. IN (8")=1044.74
INV. OUT=1044.64
10 PROVIDE NEW 6" SS @ 1.04% MIN.
11 PROVIDE 58'-8" SS @ 0.50%
12 PROVIDE ACID EFFLUENT NEUTRALIZATION CHAMBER SEE PLUMBING SHEETS FOR DETAILS
13 PROVIDE NEW CLENOUT ON ACID EFFLUENT LINE, PRIOR TO NEUTRALIZATION CHAMBER
14 PROVIDE 4" SS (ACID WASTE) @ 2.08% MIN.
15 PROVIDE NEW SSMH
RIM=1056.00
INV. IN (6")=1046.90
INV. IN (8")=1045.13
INV. OUT=1045.03
16 PROVIDE 40'-4" SS @ 14.0%
17 PROVIDE NEW SSCO, INV.=1052.50
18 PROVIDE NEW 6" SS@ 1.04% MIN.
19 PROVIDE 119'-8" SS @ 1.67%
20 NEW 1,500 GALLON GREASE TRAP. SEE PLUMBING SHEETS FOR DETAILS.
INV. AT CONNECTION TO MAIN=1046.08
21 PROVIDE NEW 6" SS@ 1.04% MIN.
22 PROVIDE NEW SSMH
RIM=1053.57
INV. IN (4")=1047.45
INV. IN (6")=1047.45
INV. OUT=1047.35
23 PROVIDE NEW 6" SS@ 1.04% MIN.
24 PROVIDE 64'-4" SS @ 2.08% MIN.
25 PROVIDE NEW SSCO, INV.=1051.83
26 PROVIDE NEW 6" SS@ 1.04% MIN.

NOTES – TEMPORARY SANITARY SEWER INTERCONNECTIONS

PIPES SHALL BE MINIMUM 6" I.D. PROVIDE CLEANOUTS AT MAXIMUM 100' INTERVALS, AND AT BENDS AND GRADE BREAKS. THE CONTRACTOR SHALL FIELD-VERIFY THAT SERVICES AS SHOWN MAY BE CONSTRUCTED TO THESE REQUIREMENTS PRIOR TO CONSTRUCTING NEW SEWER, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES.

NOTES – TEMPORARY WATERLINE INTERCONNECTIONS

THE EXACT LOCATION OF WATER SERVICE TO THE EXISTING CLARA BLACK AUDITORIUM IS UNKNOWN. IT IS SUSPECTED THAT THIS SERVICE ENTERS THE STRUCTURE IN THE VICINITY OF THE EXISTING CONDENSING UNIT LOCATED ON THE EASTERN SIDE OF THE STRUCTURE. THE CONTRACTOR SHALL, DURING THE DEMOLITION PHASE, PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THE SIZE AND LOCATION OF THE EXISTING WATER SERVICE LATERAL. PRIOR TO DISCONNECTION OF EXISTING SERVICE LATERAL, THE CONTRACTOR SHALL HAVE IN PLACE THE NEW TEMPORARY WATER LATERAL AND METER (SEE SHEET C1-143), SUCH THAT THE AUDITORIUM IS WITHOUT WATER SERVICE FOR NO MORE THAN 24 HOURS, UNLESS OTHERWISE PERMITTED IN WRITING BY THE ARCHITECT OR OWNER. THE NEW TEMPORARY WATER LATERAL SHALL BE EQUAL IN INSIDE DIAMETER AND MATERIALS TO THE EXISTING WATER SERVICE LATERAL. THE NEW TEMPORARY METER ASSEMBLY AND METER BOX SHALL BE SIZED ACCORDINGLY.

△ SEE SHEET C1-301 FOR NEW SANITARY SEWER PROFILES △

⬡ SEE SHEET C1-130 FOR NEW STORM DRAIN SCHEDULE ⬡

30' 0' 30' 60' 1" = 30'
GRAPHIC SCALE

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PATRICK HENRY HIGH SCHOOL

PHASE I
School Site Project No. 124-39A
Literary Loan No. 11187

NUMBER	ISSUE	DATE
	ISSUED FOR CONSTRUCTION	04/02/04

Revisions

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COMMONWEALTH OF VIRGINIA
CORBIN L. WHITE
No. 23843
04/02/04
PROFESSIONAL ENGINEER

Sheet Information

Date	04/02/04
Job Number	800200.000
Scale	1" = 30'
Drawn	C.L. White
Checked	
Approved	

Title

SITE UTILITIES PLAN
PHASES 1A
THROUGH 1C

Sheet

AS - BUILT
02/01/2007

C1-140

WWW ID# 78HGUA