

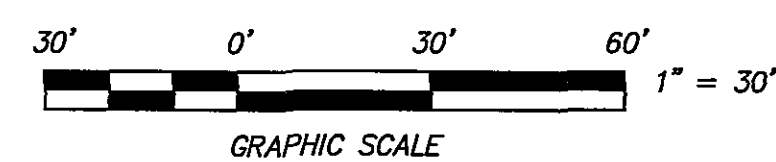
BENCHMARK:
CITY OF ROANOKE BRASS DISK "SPANKY", LOCATED
AT THE WESTERN CORNER OF THE INTERSECTION
OF GRANDIN RD. AND BRANDON AVE.
ELEVATION = 1046.29

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

NEW STORM DRAIN SCHEDULE PHASE 1A TO 1C

SEE SHEET C1-300 FOR NEW STORM DRAIN PROFILES
ALL STORM DRAINAGE STRUCTURES SHALL BE PRE-CAST CONCRETE. MATERIALS, FABRICATION, AND INSTALLATION SHALL BE IN STRICT CONFORMANCE TO VDOT STANDARDS AND SPECIFICATIONS.
NEW TEMPORARY HOPE PIPE SHALL BE TYPE "N-12" AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS OF COLUMBUS, OHIO, OR ENGINEER APPROVED EQUIVALENT.
NEW CONCRETE PIPE SHALL BE MINIMUM VDOT CLASS III REINFORCED CONCRETE.
SEE SOIL EROSION CONTROL PLAN FOR PERMANENT EROSION CONTROL STONE TO BE PLACED AT PIPE OUTFALLS, AS APPLICABLE.
ALL STORM DRAIN BEDDING AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS.
ALL EXTERIOR CLEAVINGS FOR ROOF COLLECTOR SYSTEM SHALL BE CONSTRUCTED WITH TRAFFIC-BEARING FRAMES AND COVERS.

- | | | | |
|---|---|--|---|
| 2004 PROVIDE NEW TEMPORARY 18"-12" CONCRETE PIPE @ 0.75%
200 PROVIDE NEW TEMPORARY VDOT STD. DI-1
TOP=1043.50
INV. IN (2004)=1043.50 | 204 PROVIDE NEW STORM DRAIN MANHOLE
RM=1054.00
INV. IN (2004)=1043.50
INV. IN (ROOF COLLECTOR)=1050.00 | 207 PROVIDE NEW VDOT STD. DI-1 W/SQUARE "ALTERNATE" TOP
TOP=1053.00
INV. IN (2004)=1047.94
INV. IN (ROOF COLLECTOR)=1048.00 | 210 PROVIDE NEW TEMPORARY VDOT STD. DI-1
TOP=1045.10
INV. IN (2004)=1038.44 (MATCH EXISTING PIPE, VERIFY PRIOR TO CONSTRUCTION) |
| 201 PROVIDE NEW TEMPORARY 18"-12" CONCRETE PIPE @ 3.30%
RM=1045.6
INV. IN=1040.40
INV. OUT=1040.30 | 205 PROVIDE 60"-24" CONCRETE PIPE @ 0.50%
RM=1054.10
INV. IN (2004)=1046.22
INV. IN (ROOF COLLECTOR)=1051.00 | 208 PROVIDE NEW VDOT STD. DI-7 W/TYPE III GRATE
TOP=1052.25
INV. IN=1048.09
INV. OUT=1048.00 | 211 PROVIDE NEW TEMPORARY 24"-12" CONCRETE PIPE @ 0.41%
RM=1050.00
INV. IN=1048.09
INV. OUT=1048.00 |
| 202 PROVIDE NEW STORM DRAIN MANHOLE
RM=1056.00
INV. IN (2004)=1043.00
INV. IN (2004)=1043.72 | 206 PROVIDE 56"-18" CONCRETE PIPE @ 1.40%
RM=1055.80
INV. IN=1047.10
INV. OUT=1047.00 | 209 PROVIDE NEW STORM DRAIN MANHOLE (3" INSIDE DIA.)
RM=1053.70
INV. IN=1053.80
INV. OUT=1053.70 | 212 PROVIDE NEW STORM DRAIN MANHOLE
RM=1056.00
INV. IN (2004)=1043.72
INV. IN (SOUTH)=1048.76
INV. OUT=1048.68 |
| 203 PROVIDE NEW TEMPORARY 18"-12" CONCRETE PIPE @ 1.00%
TOP=1045.40
INV. IN=1043.80 | | | 213 PROVIDE 102"-12" CONCRETE PIPE @ 1.00%
RM=1056.00
INV. IN (2004)=1052.33
INV. IN (SOUTH)=1050.88 |



CWA
CALDWELL WHITE ASSOCIATES
ENGINEERS / SURVEYORS / PLANNERS
4003 MELROSE AVENUE
P.O. BOX 6800
ROANOKE, VIRGINIA 24017-0800
(540) 366-3400
FAX: (540) 366-8702 NR: Roanoke City Schools

PERKINS & WILL

Architecture • Interiors • Planning
404.873-2300 fax:404.892.5823
1382 Peachtree Street Atlanta Georgia 30309
Boston • Charlotte/RTD • Chicago • Dallas
Los Angeles • Miami • Minneapolis • New York

Rife + Wood
ARCHITECTS
1326 Grandin Road Roanoke, Virginia 24015
(540) 344-6015 fax: (540) 344-5982

In association with:

Caldwell White - Civil Engineers
8203 Melrose Avenue
Roanoke, Virginia 24017
540-366-3400 (p) 540-366-8702 (f)

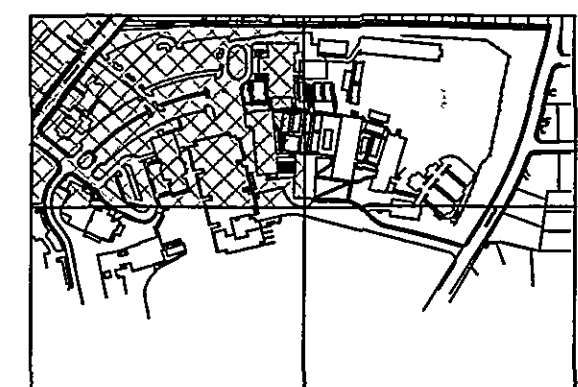
The Pitch Studio
1740 20th Street, NW
Washington, DC 20009
202-588-0148 (p) 202-588-0149 (f)

Kneay Shane & Associates - Architects and Structural Engineers
201 West Main Street
Salem, Virginia 24153
540-389-8555 (p) 540-389-9130 (f)

Lawrence Perry & Associates, Inc. Mechanical & Electrical Engineers
304 West Church Avenue
Roanoke, Virginia 24011
540-342-1816 (p) 540-344-3410 (f)

Fassett & Associates - Food Service
8526 Sunflower Drive
Charlotte, North Carolina
204-536-9234 (f)

vanBlaarcom & Frantz - Interior Designers
112 West Kirk Avenue
Roanoke, Virginia 24015
540-344-4098 (p) 540-344-4295 (f)



PATRICK HENRY HIGH SCHOOL

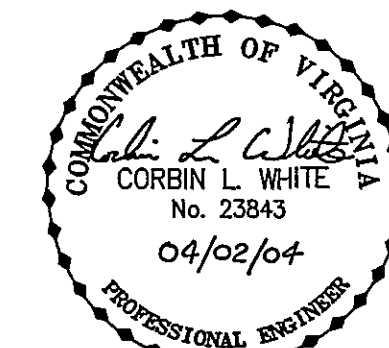
PHASE I
School Site Project No. 124-39A
Literary Loan No. 11187

ISSUED FOR CONSTRUCTION 04/02/04

NUMBER ISSUE DATE

Revisions

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Sheet Information

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

Title

GRADING AND STORM
DRAINAGE PLAN -
PHASES 1A
THROUGH 1C

Sheet

C1-130

WVMA ID# 78HGLA