

DEMOLITION NOTES

DEMOLITION SHALL INCLUDE, UNLESS OTHERWISE NOTED ON DRAWINGS, REMOVAL OF EXISTING OBJECTS OR IMPROVEMENTS, WHETHER INDICATED ON THE DRAWINGS OR NOT, THAT WOULD, IN THE OPINION OF THE OWNER, PREVENT OR INTERFERE WITH THE PROGRESS OR COMPLETION OF THE PROPOSED WORK.

PERMITS, FEES AND LICENSES SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR, INCLUDING DISPOSAL CHARGES AS REQUIRED.

WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITIES IN DEMOLITION OF EXISTING PAVEMENT, CURBS AND GUTTERS, DRAINAGE STRUCTURES AND UTILITIES AS MAY BE REQUIRED.

ALL EXISTING UTILITIES TO ANY BUILDINGS SHOWN TO BE RAZED SHALL BE DISCONNECTED AND PLUGGED OR CAPPED AS REQUIRED BY THE COUNTY.

CONTRACTOR SHALL SAW-CUT ALL JOINTS WHERE EXISTING CURBING, PAVEMENT AND SIDEWALK IS TO BE DEMOLISHED AND NEW CONSTRUCTION JOINS THE EXISTING.

FOR DEMOLITION OF BUILDINGS, CONTRACTOR SHALL DEMOLISH AND REMOVE BELOW GRADE CONSTRUCTION AND CONCRETE SLABS ON GRADE TO A MINIMUM DEPTH OF TWO FEET BELOW PROPOSED SUBGRADE.

CONTRACTOR SHALL COMPLETELY FILL BELOW GRADE AREAS AND VOIDS FROM DEMOLITION OR REMOVAL OF STRUCTURES (UNDERGROUND FUEL STORAGE TANK, BASEMENTS, WELLS, ETC.) USING APPROVED SELECT FILL MATERIAL.

ALL EXISTING CURBING, CONCRETE SIDEWALK, ENTRANCES, BUILDING FOUNDATIONS AND TREES AND BRUSH THAT ARE DEMOLISHED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR, BUILDING DEBRIS, ETC. SHALL

ALL WATER AND SANITARY SEWER SERVICES TO BE REMOVED SHALL BE DONE SO PER WESTERN VIRGINIA REGIONAL STANDARDS.

IF NECESSARY, THE CONTRACTOR SHALL Dewater THE SITE BY PUMPING THE WATER THROUGH A FILTER BAG TO REMOVE SEDIMENT BEFORE RELEASING THE WATER INTO THE STORM SEWER SYSTEM. SPECIAL ATTENTION SHALL BE MADE TO ENSURE THAT NO SEDIMENT LADEN RUNOFF ENTERS THE STORM SEWER SYSTEM.

CONTRACTOR SHALL PROVIDE THE FOLLOWINGS PROTECTIONS AT THE JOB SITE: MAKE ARRANGEMENTS, BEFORE INITIATING DEMOLITION, FOR RELOCATING, DISCONNECTION, REROUTING, ABANDONING, OR SIMILAR ACTION AS MAY BE REQUIRED RELATIVE TO UTILITIES AND OTHER UNDERGROUND PIPING, TO PERMIT WORK TO PROCEED WITHOUT DELAY. ARRANGEMENTS SHALL BE MADE IN ACCORDANCE WITH REGULATIONS OF AUTHORITIES OF UTILITIES MENTIONED, SUCH AS OVERHEAD AND UNDERGROUND POWER AND TELEPHONE LINES AND EQUIPMENT, GAS PIPING, STORM SEWERS, SANITARY SEWERS, OR WATER PIPING. CONTRACTOR SHALL NOT USE WATER WHEN IT MAY CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS, SUCH AS ICE, FLOODING AND/OR POLLUTION.

ENSURE SAFE PASSAGE OF PERSONS AROUND ALL AREAS OF DEMOLITION.

CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, OTHER FACILITIES, OR INJURY TO PERSONS.

PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO THE OWNER.

MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. PREVENT INTER-RUPTION OF EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES AS ACCEPTABLE TO GOVERNING AUTHORITIES.

USE WATER SPRINKLING AND OTHER SUITABLE METHODS TO LIMIT DUST & DIRT RISING AND SCATTERING IN AIR TO LOWEST PRACTICAL LEVEL.

COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

CONTRACTOR SHALL COORDINATE CONSTRUCTION SCHEDULE AND ALL WORK WITH THE SCHOOL PRIOR TO BEGINNING WORK. WORK THAT WILL IMPACT ACCESS TO OR AROUND THE SCHOOL OR THAT WILL IMPACT UTILITIES SHALL BE COMPLETED IN A TIMELY FASHION TO MINIMIZE ANY IMPACTS TO ACCESS OR UTILITIES.

LEGEND

- EXISTING PAVEMENT TO BE REMOVED
- EXISTING BUILDING TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED

EXISTING FIRE FLOW DATA:

FIRE HYDRANT #1 (WVWA ID# 22214):
STATIC=90 PSI
RESIDUAL=85 PSI
FLOW=1,404 GPM
FLOW @ 20 PSI RESIDUAL=5,838 GPM

FIRE HYDRANT #2 (WVWA ID# P20555):
STATIC=90 PSI
RESIDUAL=60 PSI
FLOW=1,061 GPM
FLOW @ 20 PSI RESIDUAL=1,677 GPM

FIRE HYDRANT #3 (WVWA ID# P20554):
NOT FLOWED

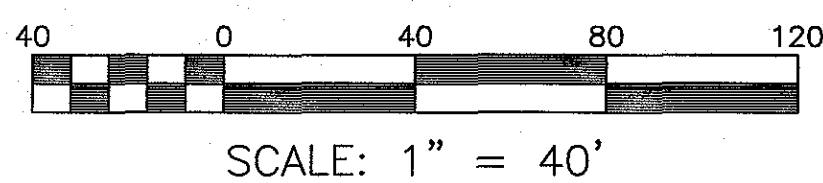
FIRE HYDRANT #4 (WVWA ID# P22494):
STATIC=85 PSI
RESIDUAL=45 PSI
FLOW=919 GPM
FLOW @ 20 PSI RESIDUAL=1,208 GPM

FIRE HYDRANT #5:
STATIC=85 PSI
RESIDUAL=43 PSI
FLOW=856 GPM
FLOW @ 20 PSI RESIDUAL=1,083 GPM

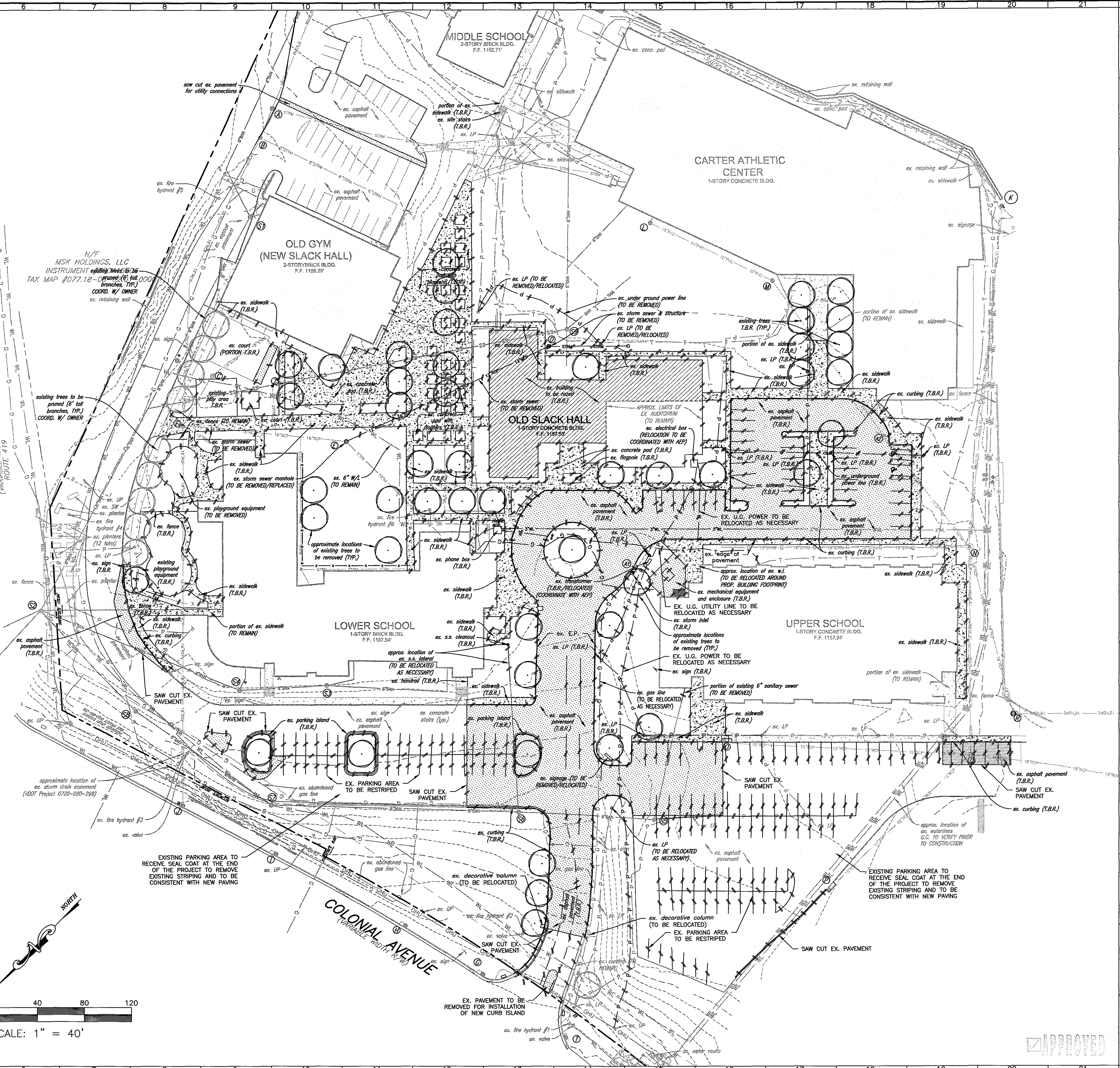
FIRE HYDRANT #6:
STATIC=83 PSI
RESIDUAL=42 PSI
FLOW=750 GPM
FLOW @ 20 PSI RESIDUAL=946 GPM

FIRE HYDRANT #7 (WVWA ID# 22215):
STATIC=88 PSI
RESIDUAL=85 PSI
FLOW=1,424 GPM
FLOW @ 20 PSI RESIDUAL=5,828 GPM

ELECTRIC ROAD
(VARIABLE WIDTH 4' W/4')



SCALE: 1" = 40'



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NORTH CROSS SCHOOL
4254 COLONIAL AVENUE SW

EXISTING CONDITIONS & DEMO PLAN

CAVE SPRING DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY EJP

DESIGNED BY CPB

CHECKED BY CPB

DATE 12/20/2018

SCALE 1"=40'

REVISIONS:
2/6/2019
2/22/2019

SHEET NO.

C2

JOB NO. 03170003.01