

WATER SERVICE CONNECTION DETAIL

SCALE: 1" = 10'

CUT & CAP EXIST. SERVICE LINE(S) UPON COMPLETION OF CONSTRUCTION. SEE WATER SERVICE NOTES THIS SHEET.

EXISTING WATER METER TO BE REMOVED

EXISTING 12" WATER MAIN, CONTRACTOR TO LOCATE & VERIFY PRIOR TO WATER SERVICE CONSTRUCTION

12"x6" TAPPING SLEEVE AND VALVE W/ BOX

1 1/2" METER SETTING FURNISHED BY WATER COMPANY INSTALLED BY CONTRACTOR

INVERT INFORMATION			
STORM		SANITARY	
MH 1-1 "DOGHOUSE" STA. 0+00 TOP EL: 640.00' INV. IN: 636.19' (DI 2-1) INV. IN: 635.20' INV. OUT: 626.50'	DROP INLET 1-5 STA. 1+98 TOP EL: 642.11' INV. IN: 638.98' INV. OUT: 638.76'	EXIST. SAN MH 1 STA. 0+00 TOP EL: 639.12' INV. IN: 637.02' INV. OUT: 638.29' INV. OUT: 633.69'	STA. 2+85 SAN C.O. 1-3 TOP EL: 645.79' INV. EL: 642.49' BUILDING STA. 3+00 INV. OUT: 642.67'
DROP INLET 1-2 STA. 0+13 TOP EL: 639.50' INV. IN: 635.37' INV. OUT: 635.27'	CLEANOUT 1-6 STA. 2+23 TOP EL: 642.95' INV. OUT: 639.66'	SAN MH 1-1 STA. 1+44 TOP EL: 643.98' INV. IN: 638.41' INV. OUT: 638.31'	
DROP INLET 1-3 STA. 0+99 TOP EL: 639.00' INV. IN: 635.90' INV. OUT: 635.80'	DROP INLET 1-2 STA. 0+13 TOP EL: 639.50' INV. IN: 635.37' (DI 1-2) INV. OUT: 635.27'	SAN MH 1-2 INSIDE DROP STA. 2+57 TOP EL: 645.50' INV. IN: 642.17' INV. OUT: 640.07'	
DROP INLET 1-4 STA. 1+48 TOP EL: 640.54' INV. IN: 637.45' INV. OUT: 637.26'	CLEANOUT 2-1 STA. 0+98 TOP EL: 639.45' INV. OUT: 637.17'		

LEGEND	
	MANHOLE
	SANITARY CLEAN OUT
	STORM CLEAN OUT
	DROP INLET
	SANITARY SEWER
	STORM SEWER
	WATER LINE
	GAS LINE
	DOWN SPOUT
	PROPOSED LIGHT POLE
	EXISTING UTILITY POLE
	EXISTING GAS METER
	EXISTING GAS MARKER
	EXISTING PHONE PEDESTAL
	EXISTING SANITARY SEWER
	EXISTING GAS LINE
	RIGHT-OF-WAY LINES
	EXISTING WATER LINE

GENERAL NOTES

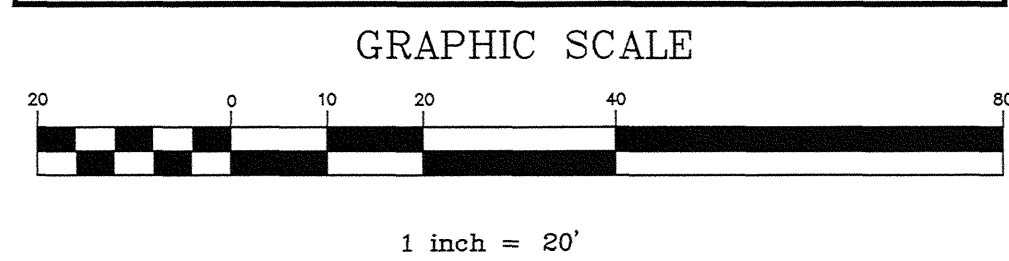
1. THE INFORMATION SHOWN ON THE DRAWINGS CONCERNING TYPE, SIZE, AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE, SIZE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THEREOF.

2. THE CONTRACTOR SHALL NOTIFY MISS UTILITY OF WEST VIRGINIA (1-800-245-4848) 48 HOURS IN ADVANCE OF THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL DAMAGE TO ABOVE GROUND OR UNDERGROUND UTILITIES AS A RESULT OF THE WORK PERFORMED UNDER THIS CONTRACT.

3. THE CONTRACTOR IS TO DETERMINE THE ACTUAL DEPTH AND LOCATION OF ALL EXISTING SEWER LINES IN RELATION TO NEW SEWER LINES PRIOR TO INITIATION OF CONSTRUCTION. IF EXISTING SEWER LINES ARE ENCOUNTERED AT ANYTIME DURING INSTALLATION OF NEW SEWER LINES, THE CONTRACTOR IS TO MAINTAIN A MINIMUM COVER DEPTH OF 36" UNLESS OTHERWISE INDICATED.

4. ALL CONNECTION DETAILS, REDUCERS, BENDS, CROSSES, DEAD ENDS, TEES, WYES, AND M.J. CAPS ARE TO HAVE CONCRETE THRUST BLOCKING AS PER SPECIFICATIONS AND DETAIL.

5. REFER TO SHEET ES0.01 FOR ELECTRICAL SITE PLAN.



WATER SERVICE NOTES

1. BOTH BUILDINGS ON-SITE ARE NOT OCCUPIED, SO THERE IS NO NEED TO MAINTAIN DOMESTIC WATER SERVICE FOR OWNER'S USE VIA EXISTING WATER SERVICE LINES DURING CONSTRUCTION; HOWEVER, EXISTING 6" FIRE MAIN AND ON-SITE HYDRANT MUST REMAIN IN SERVICE UNTIL SUCH TIME THAT NEW HYDRANT ASSEMBLY IS INSTALLED OR BLDG. SPRINKLER SYSTEM IS OPERATIONAL.

2. CONTRACTOR TO COORDINATE NEW WATER SERVICE TAP, WATER METER REPLACEMENT, NEW FIRE HYDRANT, AND NEW DOMESTIC AND FIRE SERVICE LINES TO SITE WITH:

WV AMERICAN WATER COMPANY
ALLEN J. PARSLEY, PE
4002 OHIO RIVER ROAD
HUNTINGTON, WV 25702
304-522-4780 (OFFICE)
304-544-4003 (CELL)

A. THERE WILL BE NO CHARGE TO CONTRACTOR FOR DOMESTIC WATER METER REPLACEMENT BY WATER COMPANY. CONTRACTOR TO COORDINATE AND INSTALL SUCH.

B. THERE WILL BE A COST OF \$3,200 TO BE PAID BY CONTRACTOR TO WV AMERICAN WATER COMPANY FOR THE NEW HYDRANT ASSEMBLY WHICH WILL BE FURNISHED AND INSTALLED BY WATER COMPANY ON EXISTING PUBLIC WATER MAIN. CONTRACTOR TO COORDINATE.

C. THERE WILL BE A COST OF \$5,000 TO BE PAID BY THE CONTRACTOR TO WV AMERICAN WATER COMPANY FOR NEW WATER SUPPLY TAP FOR FIRE AND DOMESTIC LINES, INCLUDING VALVES AND FINAL CONNECTIONS, INCLUDING CUT & CAP OF OLD WATER SERVICE LINES. CONTRACTOR TO COORDINATE.

3. MAINTAIN 5'-0" MIN. SEPARATION BETWEEN NEW WATER SERVICE LINES AND NEW GAS SERVICE LINE.

EXISTING ELEV.	
STORM MH-1 RIM ELE = 647.64 INVERT (A) IN = 640.14 INVERT (B) IN = 636.99 INVERT OUT = 639.89	STORM MH-3 RIM ELE = 641.31 INVERT (A) IN = XXXX INVERT (B) IN = XXXX INVERT OUT = XXXX
STORM MH-2 RIM ELE = 643.39 INVERT (A) IN = XXXX INVERT (B) IN = XXXX INVERT OUT = XXXX	STORM MH-4 RIM ELE = 639.40 INVERT (A) IN = 626.60 INVERT (B) IN = 626.70 INVERT (C) IN = 626.60 INVERT OUT = 626.50
SANITARY MH-1 RIM ELE = 639.12 INVERT IN = 637.02 INVERT OUT = 633.69	
STORM DI-1 RIM ELE = 638.63 INVERT OUT = 632.63	STORM DI-2 RIM ELE = 643.54 INVERT OUT = 637.54
STORM DI-3 RIM ELE = 643.50 INVERT OUT = 637.5	

#1	SEWAGE UTILITY SERVING BLDG 19 SHALL ENTER/EXIT FROM THE WEST SIDE OF BLDG 19 TO MINIMIZE INTERFERENCE WITH F88 GAS STATION LOCATED ON SOUTH SIDE OF STRUCTURE. SEE SKETCH ON PL 1.01R1.
Revisions	Date

ENGINEERS
ARCHITECTS
SURVEYORS
INTERIOR DESIGNERS
LANDSCAPE ARCHITECTS

ST. ALBANS, WV
604-727-0501
BUCKINGHAM, WV
304-475-8914
MARTINSBURG, WV
(304) 268-1222

Drawing Title
SITE UTILITY PLAN

Building No. 20

Location Huntington, WV

Project Title
Renovations to the Former BRAC Property

Project Architect: PF&A

Checked by: JEB

Drawn by: LDA

Architects Proj. No. 2099.11

Date 12.04.2013

Project No. 581-12-101

CU1.01

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