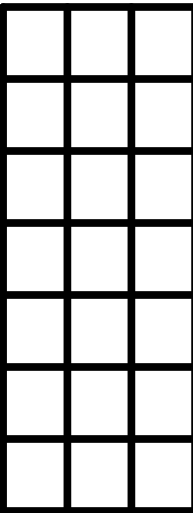
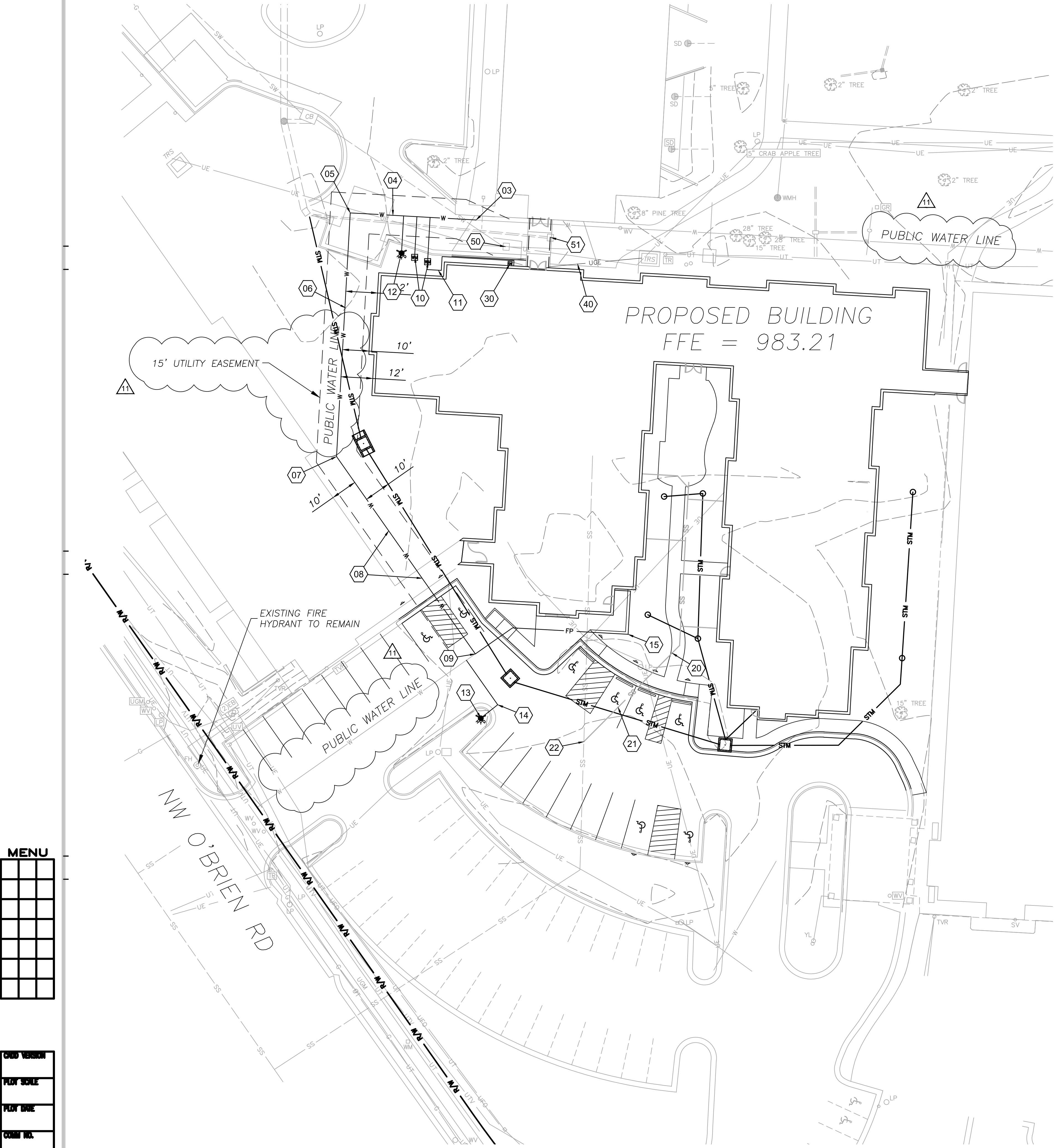


MENU



CHD VERSION  
PLAN SCALE  
PLAN DATE  
COUNT NO.  
DRAWING NO.

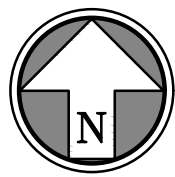


NOTES

- MAINTAIN A MINIMUM 5 FOOT SEPARATION BETWEEN TAPS, VALVES, BELLS OR OTHER FITTINGS ON THE WATER MAIN.
- MAINTAIN A MINIMUM RADIUS UNOBSTRUCTED CLEARANCE OF 2 FEET FROM ANY BACKFLOW PREVENTER VAULT OR OTHER OBJECT FROM THE DOMESTIC METER PIT.
- 03 REMOVE EXISTING 90° BEND AND CONNECT NEW WATER MAIN TO EXISTING.  
04 INSTALL 47 LF OF 6" WATER MAIN LINE (DUCTILE IRON CLASS 50 OR C900 PVC ALLOWED).  
05 INSTALL 6" 90° BEND WITH THRUST BLOCKING.  
06 INSTALL 92 LF OF 6" WATER MAIN LINE (DUCTILE IRON CLASS 50 OR C900 PVC ALLOWED).  
07 INSTALL 6" 90° BEND WITH THRUST BLOCKING.  
08 INSTALL 6" 45° BEND WITH THRUST BLOCKING.  
09 INSTALL 6" HDPE TEE AND CONNECT TO EXISTING WATER MAIN  
10 INSTALL RELOCATED EXISTING WATER METERS IN PIT. SERVICE LINE SHALL BE PERPENDICULAR TO MAIN WITH NO FITTINGS BETWEEN MAIN AND METER SETTER. METERS SHALL BE AUTOMATIC READING METERS AND METER PITS WILL NEED TO BE INSTALLED PER CITY DETAILS.  
11 INSTALL 2" TYPE K COPPER DOMESTIC SERVICE LINE AND CONNECT TO BUILDING PLUMBING.  
12 INSTALL RELOCATED FIRE HYDRANT AND ASSEMBLY WITH GATE VALVE.  
13 INSTALL PRIVATE FIRE HYDRANT.  
14 INSTALL 28 LF OF 6" PRIVATE FIRE HYDRANT LINE WITH MINIMUM DEPTH OF COVER OF 42" (DUCTILE IRON, C900 PVC, OR HDPE ALLOWED) AND CONNECT TO EXISTING WATER MAIN.  
15 INSTALL 80 LF OF 6" FIRE LINE AND CONNECT TO BUILDING PLUMBING (DUCTILE IRON CLASS 50 OR C900 PVC ALLOWED).  
20 CONNECT TO BUILDING SEWER SERVICE; SEE MEP PLANS.  
21 INSTALL 47 LF OF 6" SDR-26 PVC SANITARY SERVICE LINE. SEE MEP PLANS.  
22 CONNECT TO EXISTING SANITARY SERVICE LINE WITH A WYE.  
30 INSTALL RELOCATED GAS METER; SEE MEP PLANS FOR CONNECTION.  
40 ELECTRIC SERVICE FROM TRANSFORMER TO BUILDING METER; SEE MEP PLANS.  
50 ADJUST STORM GRATE ELEVATION FROM EXISTING ELEVATION OF 980.46 TO ELEVATION OF 981.00.  
51 ADJUST STORM GRATE ELEVATION FROM EXISTING ELEVATION OF 980.61 TO ELEVATION OF 981.10.

LEGEND

- STM PROPOSED STORM SEWER  
FP PROPOSED FIRE PROTECTION LINE  
UGE PROPOSED ELECTRIC LINE  
WS PROPOSED DOMESTIC SERVICE LINE  
SS PROPOSED SANITARY SERVICE LINE  
W PROPOSED WATER MAIN  
W EXISTING WATER MAIN  
SS EXISTING SANITARY SEWER MAIN  
G EXISTING GAS MAIN  
EXISTING STORM SEWER



SCALE: 1"=20'  
0 20 40

**BHC RHODES**  
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CONSTRUCTION SET



PROJECT TITLE



VAL 400

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PROJECT DESIGNER	: DAS
PROJECT ARCHITECT	: DAS
PROJECT ENGINEER	: ERB
DRAWN BY	: SKT
CHECKED BY	: ERB
APPROVED BY	:

NO.	REVISION DESCRIPTION	DATE
1	ADDENDUM #1	09/27/2018
2	LANDSCAPE PLAN	10/10/2018
3	ADDENDUM #3	10/26/2018
10	PR #3	4/11/2019
11	WATER REVISION	5/6/2019

DRAWING TITLE

UTILITY PLAN

COMM. NO. 17106.00	DATE SEPTEMBER 14, 2018
DRAWING	SHEET

C5.0

08 OF 14