

UTILITY LEGEND

UTILITY	LINE TYPE/SYMBOL	REFERENCE
DOMESTIC WATER LINE	DN - DN	3" PVC
FIRE WATER LINE	FW - FW	8" DIP
BUILDING FIRE SPRINKLER LINE	FWS - FWS	8" DIP
IRRIGATION WATER LINE	IRR - IRR	1/2" PVC
DOMESTIC WATER METER (W/M)	W/M	SEE PLANS
IRRIGATION METER (IRR)	IRR	SEE PLANS
BACKFLOW PREVENTER (BFP)	BFP	N/A
FIRE VAULT (D/C)	D/C	N/A
DC BACKFLOW PREVENTER	DC BFP	DETAIL 1, SHEET C04.2
WATER TAP OR TEE	WT	DETAIL 4, SHEET C04.2
GATE VALVE (GV)	GV	DETAILS 4 & 6, SHEET C04.2
THRUST BLOCK (TB)	TB	DETAIL 2, SHEET C04.2
FIRE HYDRANT (FH)	FH	N/A
FIRE DEPARTMENT CONNECTION (FDC)	FDC	SEE ARCH. PLANS
SANITARY SEWER (SS)	SS - SS	8" PVC
SANITARY MANHOLE (SS/M)	SS/M	DETAIL 4, SHEET C04.3
GENERAL CLEAN OUT (GO)	GO	DETAIL 4, SHEET C04.3
SAMPLING MANHOLE	SM	SEE PLANS
SANITARY STRUCTURE NUMBER	SN	SEE PLANS
UNDERGROUND ELECTRIC LINE-PRIMARY	UGT-P - UGT-P	4" PVC
UNDERGROUND ELECTRIC LINE-SECONDARY	UGT-S - UGT-S	(2) 4" PVC
POST INDICATOR VALVE	PIV	N/A
SITE LIGHTING POLE	SLP	SEE ARCH. PLANS
TRANSFORMER	T	BY UTILITY
INTER/CT PANEL	CT	N/A
UNDERGROUND TELEPHONE LINE	UGT - UGT	(4) 4" PVC
GENERAL UTILITY CONDUIT	GU - GU	(2) 2" PVC
UNDERGROUND GAS LINE	G - G	8"
UNDERGROUND GAS METER	G/M	8"

ALL UTILITIES SHALL BE INSTALLED ACCORDING TO UTILITY PROVIDERS AND JURISDICTION STANDARDS AND SPECIFICATIONS.

GENERAL UTILITY NOTES

- SEE SHEET C04 FOR GENERAL NOTES.
- SEE PIP PLANS FOR CONTINUATION OF ALL UTILITIES INTO BUILDING.
- SANITARY LATERALS SHALL HAVE A MINIMUM FALL OF 1/8".
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND THEIR LOCATIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
- THE FINAL LOCATION OF FIRE HYDRANTS, VALVES, WATER LINES, BACKFLOW PREVENTERS, ETC. SHALL BE DETERMINED DURING CONSTRUCTION. NOTIFY THE ENGINEER OF ANY CHANGES TO LOCATION OR CONFIGURATION. NFPA CODES SHALL BE ADHERED TO.
- THE CONTRACTOR SHALL CONTACT PUBLIC UTILITIES INSPECTIONS AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH LOCAL GOVERNING CODES.
- UTILITY CONDUIT MATERIAL FOR ELECTRIC, TELEPHONE, AND CABLE SHALL BE INSTALLED PER UTILITY PROVIDER SPECIFICATIONS.
- CONTRACTOR TO BUILD CONCRETE TRANSFORMER PAD AND INSTALL SCHEDULE 80 PVC CONDUIT AND PULL STRING WITH SHEEPER BENDS.

GWINNETT COUNTY UTILITY NOTES

- EXTERIOR GREASE TRAP WILL BE REQUIRED FOR ALL RESTAURANTS OR FULL SERVICE KITCHENS.
- OWNER SHALL MAINTAIN FACTORY INSTALLED PLUGS IN DUMPSTER DRAINS AT ALL TIMES SO AS TO PREVENT LIQUID DRAINAGE FROM DUMPSTER.
- THIS SITE PLAN INDICATES WATER SERVICE LINES AND SANITARY SEWER LATERALS. GEORGIA STATE LAW REQUIRES THIS WORK TO BE INSTALLED BY A GEORGIA LICENSED MASTER PLUMBER. THIS PLUMBING INSTALLATION REQUIRES A SEPARATE SITE PLUMBING PERMIT WHICH CAN BE OBTAINED FROM THE GWINNETT COUNTY BUILDING PERMITS. ALL WORK SHALL BE INSPECTED BY THE GWINNETT COUNTY PLUMBING INSPECTOR.
- WATER AND SANITARY SEWER SERVICE PROVIDED BY GWINNETT COUNTY WATER RESOURCES.
- ALL WATER, SANITARY SEWER, AND STORM SEWER TO BE INSPECTED BY DEPARTMENT OF WATER RESOURCES.
- DURING CONSTRUCTION AND FOR PERMANENT ACCESS, ROADWAYS CONSTRUCTED OF AN ALL WEATHER SURFACE CAPABLE OF SUPPORTING 15,000 POUNDS GROSS WEIGHT SHALL BE PROVIDED PER INTERNATIONAL FIRE CODE, CHAPTER 5, SECTION 503.2.3, 2006 EDITION.
- METER FEES MUST BE PAID PRIOR TO ISSUANCE OF A BUILDING PERMIT OR BEFORE ISSUANCE OF DDC CONSTRUCTION PERMIT OR ISSUANCE OF CONSTRUCTION PERMIT FOR METERS 3" OR LARGER.
- A GCONR CONSTRUCTION PERMIT MUST BE ACQUIRED BY A GCONR APPROVED CONTRACTOR PRIOR TO INSTALLATION. CALL 678-518-4000 FOR INFORMATION AND A COPY OF APPROVED CONTRACTORS LIST. A MANDATORY PRE-CONSTRUCTION CONFERENCE WITH INSPECTOR, BY APPOINTMENT ONLY, IS REQUIRED 48 HOURS PRIOR TO INSTALLATION OF WATER METERING DEVICES. METERS 3" TO 2", INSTALLED BY GCONR, REQUIRE NO CONSTRUCTION PERMIT. ALL WORK TO BE PERFORMED ACCORDING TO GWINNETT COUNTY DEPARTMENT OF WATER RESOURCES - WATER MAIN AND SANITARY SEWER DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS (APRIL 5, 2016). ACTUAL FIELD CONDITIONS COULD DICTATE MORE STRINGENT REQUIREMENTS, IF DETERMINED NECESSARY BY INSPECTOR.
- BEFORE C.O. IS ISSUED, AS-BUILT FOR THE DETECTOR CHECK AND A FINAL INSPECTION BY GCONR ARE REQUIRED. ALLOW MINIMUM 10 BUSINESS DAYS FOR INITIAL REVIEW AND ADDITIONAL TIME FOR RE-REVIEW(S). DRAWINGS TO BE SUBMITTED TO BE REVIEWED AND APPROVED BY DEPARTMENT OF WATER RESOURCES.
- DOUBLE CHECK BACKFLOW PREVENTION DEVICES FOR ALL METERS AND/OR FIRE LINES MUST BE TESTED AND APPROVED BEFORE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY.
- PER THE FEE RESOLUTION THERE IS A "PENALTY FEE" OF 100% OF THE PERMIT FEE FOR SITE ACTIVITY PRIOR TO ISSUANCE OF APPROPRIATE PERMITS (LAND DISTURBANCE, DEVELOPMENT, UTILITY CONSTRUCTION, OR GREASE TRAP INSTALLATION).
- USE OF PRE-CAST MANHOLES IS ACCEPTABLE PROVIDED INVERTS ARE NOT MODIFIED.
- ALL NEW PIPE TIE-INS REQUIRE NEW INVERTS IN MANHOLES.
- ANY UTILITY DESIGN CHANGES MUST BE APPROVED BY THE WATER AND SEWER REVENUE SECTION OF PID PRIOR TO INSTALLATION.
- IN THE FIRST NEWLY INSTALLED MANHOLE UPSTREAM OF THE EXISTING TIE-IN MANHOLE, CONTRACTOR SHALL INSTALL TEMPORARY MECHANICAL PLUGS ON THE INFLOW AND OUTFLOW INVERTS. SAID MECHANICAL PLUGS SHALL BE TIED TO MANHOLE STEP WITH STEEL CABLE AND PADLOCKED TO PREVENT TAPPING AND GCONR SHALL INSTALL A LOCKING COVER (SEE DETAIL 5B).
- AS-BUILT/RECORD DRAWINGS FOR SEWER SYSTEM REQUIRED PRIOR TO REQUESTING FINAL PLAT APPROVAL, TEMPORARY CERTIFICATE OF OCCUPANCY OR ISSUANCE OF CERTIFICATE OF OCCUPANCY. ALLOW MINIMUM 10 BUSINESS DAYS FOR INITIAL REVIEW AND ADDITIONAL TIME FOR RE-REVIEW(S). DRAWINGS TO BE SUBMITTED TO, REVIEWED AND APPROVED BY DEPARTMENT OF WATER RESOURCES.
- NO TREES OR PERMANENT STRUCTURES ALLOWED IN SANITARY SEWER EASEMENTS.
- THIS SITE PLAN INDICATES POTABLE WATER SERVICE LINES AND SANITARY SEWER LATERALS. GEORGIA STATE LAW REQUIRES THIS WORK TO BE INSTALLED BY A GEORGIA LICENSED MASTER PLUMBER. THIS PLUMBING INSTALLATION REQUIRES A SEPARATE SITE PLUMBING PERMIT WHICH CAN BE OBTAINED FROM GWINNETT COUNTY BUILDING PERMITS. ALL WORK SHALL BE INSPECTED BY THE GWINNETT COUNTY PLUMBING INSPECTIONS.

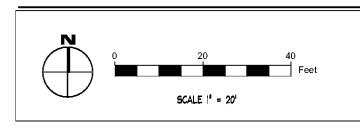
UTILITY INFORMATION

	WATER	SANITARY SEWER	ELECTRIC	TELEPHONE	GAS
LINE EXTENSION TO PROPERTY LINE	●	●	●	●	●
PIPING FROM PROPERTY LINE TO BUILDING	●	●	●	●	●
TAPPING THE MAIN	●	●	●	●	●
WATER VAULT	●	●	●	●	●
WATER (METER) PIT	●	●	●	●	●
DOMESTIC METER	●	●	●	●	●
FIRE METER	●	●	●	●	●
IRRIGATION METER	●	●	●	●	●
DOMESTIC BFP	●	●	●	●	●
FIRE BFP	●	●	●	●	●
IRRIGATION BFP	●	●	●	●	●
OBTAINING EASEMENTS	●	●	●	●	●
OBTAINING ROM PERMIT	●	●	●	●	●

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES (LOCATIONS AND ELEVATIONS) PRIOR TO STARTING CONSTRUCTION AND ALERT ENGINEER TO ANY DISCREPANCIES IMMEDIATELY.



24-HOUR CONTACT:
GREG FOX
(404) 754-8842



ingenium
PLANNING & ENGINEERING
1449 N. DALE HARRY HWY
SUITE 250
TAMPA, FL 33618
813.977.0004
WWW.INGENIUMTEAM.COM



HILTON GARDEN INN
BUFORD GEORGIA
MALL OF GEORGIA BLVD &
WOODWARD CROSSING BLVD

Hilton Garden Inn

CLIENT:
PHG BUFORD, LLC
3500 LENOX ROAD, SUITE 625
ATLANTA, GEORGIA 30326
PHONE: (404) 497-4111

REVISION HISTORY

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMITTING	11/08/2019
2	ISSUED FOR PERMITTING	11/08/2019
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PROJ # 180060
CNG NAME 180060 COALDING
ISSUE DATE 11/08/2019
PROJ TIER 01

UTILITY PLAN
C04.0
SHEET NUMBER

SEE SANITARY TABLES ON SHEET C04.1

CONTRACTOR SHALL COORDINATE AND VERIFY LOCATION OF ALL SIGNAGE WITH OWNER PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL COORDINATE AND ADJUST LOCATION OF LOOP DETECTORS TO AVOID UTILITY CONFLICTS PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL INSTALL GENERAL UTILITY CONDUITS TO PLANTERS AROUND BUILDING AND PATIO. SEE ARCHITECTURAL/MEP PLANS FOR CONTINUATION.

CONTRACTOR SHALL PROTECT ALL ITEMS OUTSIDE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE CONSTRUCTION PLANS OR SPECIFICATIONS.