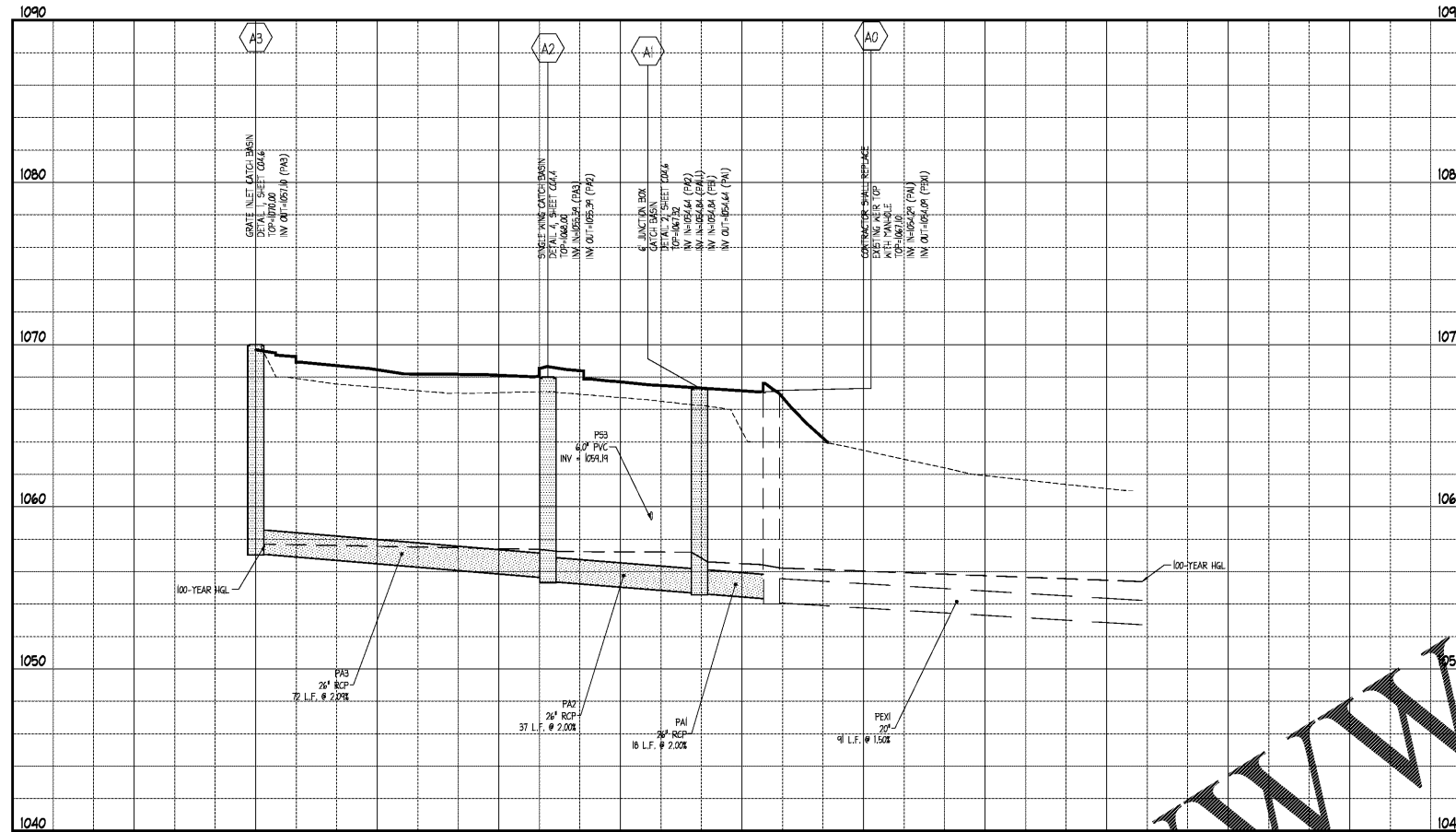
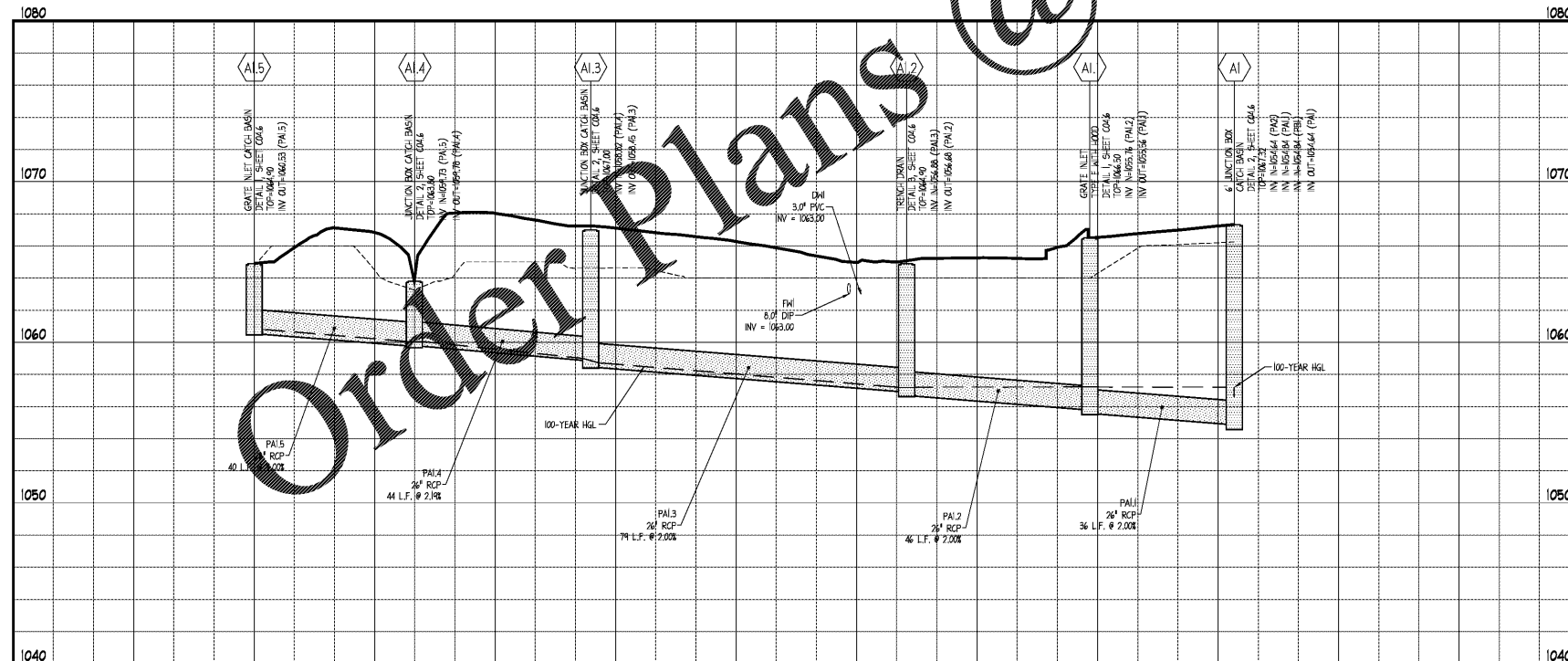


STORM PROFILE A3-PEX1



HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=5'

STORM PROFILE A1.5-A1



HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=5'

STORM STRUCTURE TABLE

STRUCTURE NAME	STRUCTURE TYPE	RIM ELEVATION	INVERT IN	INVERT OUT
A0	CONTRACTOR SHALL REPLACE EXISTING HEIR TOP WITH MANHOLE	1067.0	1054.29 (PA1)	1054.09 (PEX1)
A1	6" JUNCTION BOX CATCH BASIN DETAIL 2, SHEET C04.6	1067.32	1054.64 (PA2) 1054.84 (PAL1) 1054.84 (PBI)	1054.64 (PA1)
A1.1	GRATE INLET TYPE E WITH HOOD DETAIL 1, SHEET C04.6	1066.50	1055.76 (PA1.2)	1055.56 (PAL1)
A1.2	TRENCH DRAIN DETAIL 3, SHEET C04.6	1064.90	1056.08 (PA1.3)	1056.68 (PAL2)
A1.3	JUNCTION BOX CATCH BASIN DETAIL 2, SHEET C04.6	1067.00	1056.82 (PA1.4)	1056.46 (PAL3)
A1.4	JUNCTION BOX CATCH BASIN DETAIL 2, SHEET C04.6	1063.80	1059.73 (PA1.5)	1059.78 (PAL4)
A1.5	GRATE INLET CATCH BASIN DETAIL 1, SHEET C04.6	1064.90		1060.53 (PA1.5)
A2	SINGLE KING CATCH BASIN DETAIL 4, SHEET C04.4	1068.00	1055.59 (PA3)	1055.39 (PA2)
A3	GRATE INLET CATCH BASIN DETAIL 1, SHEET C04.6	1070.00		1057.10 (PA3)
B1	GRATE INLET TYPE E WITH HOOD DETAIL 1, SHEET C04.6	1068.20	1056.29 (PB2)	1056.09 (PBI)
B2	GRATE INLET TYPE E WITH HOOD DETAIL 1, SHEET C04.6	1070.00	1058.92 (PB3)	1058.72 (PB2)
B3	GRATE INLET CATCH BASIN DETAIL 1, SHEET C04.6	1072.12		1061.82 (PB3)

STORM PIPE TABLE

NAME	SIZE	LENGTH	SLOPE	MATERIAL
PA1	18"	8'	2.00%	RCP
PAL1	18"	36'	2.00%	RCP
PA1.2	18"	46'	2.00%	RCP
PA1.3	18"	79'	2.00%	RCP
PA1.4	18"	44'	2.91%	RCP
PA1.5	18"	40'	2.00%	RCP
PA2	18"	37'	2.00%	RCP
PA3	18"	72'	2.09%	RCP
PE1	18"	62'	2.00%	RCP
PB2	18"	122'	2.00%	RCP
PB3	18"	127'	2.29%	RCP
PEX1	18"	9'	1.50%	

PROFILE NOTES

- CONTROLLED BACK FILL TO BE PLACED IN 6" LOOSE LIFT AND COMPACTED TO 100% ASTM D998 PRIOR TO STORM AND SANITARY SEWER CONSTRUCTION. BACK FILL SHALL BE PLACED TO A MINIMUM OF 12" ABOVE THE CROWN ELEVATION OF THE PIPES.
- STORM DRAIN AND SANITARY SEWER LENGTHS ARE MEASURED FROM CENTER LINE OF STRUCTURE TO CENTERLINE OF STRUCTURE OR FACE OF HEADWALL.
- ALL PIPE LENGTHS SHOWN ARE ROUNDED TO THE NEAREST FOOT.
- ALL STORM DRAIN PIPING SHALL BE TRENCHED, BEDDED AND BACK FILLED ACCORDING WITH DETAIL 3 ON SHEET C04.4 UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL SANITARY SEWER PIPING SHALL BE TRENCHED, BEDDED AND BACK FILLED ACCORDING WITH DETAIL 3 ON SHEET C04.3 UNLESS SPECIFICALLY NOTED OTHERWISE.
- UNFORESEEN SUBSURFACE CONDITIONS SHALL BE BROUGHT TO THE OWNER'S AND ENGINEER'S ATTENTION IMMEDIATELY. IMPLEMENTATION OF CORRECTIVE BEDDING MEASURES WITHOUT THE OWNER'S APPROVAL SHALL BE AT THE CONTRACTOR'S OWN RISK AND AT NO ADDITIONAL COMPENSATION.
- EXISTING GRADES SHOWN ARE APPROXIMATE AND DO NOT REFLECT TOP SOIL REMOVAL, CLEARING, AND GRADING OPERATIONS. THE CONTRACTOR SHALL ASCERTAIN FOR HIMSELF THE EXTENT OF DISTURBANCE FOR THESE ACTIVITIES.
- THE CONTRACTOR SHALL PREPARE A GEOTECHNICAL REPORT FOR THE OWNER'S REVIEW. THE GEOTECHNICAL REPORT SHALL BE PREPARED FOR THE CONTRACTOR'S USE AND SHALL BE TAKEN AS A TRENCHING AND EXCAVATION WITHOUT FURTHER COMPENSATION.
- SEE SHEET C04.9 FOR GENERAL NOTES.

GWINNETT COUNTY NOTES

- THE CONTRACTOR SHALL CALL DEVELOPMENT INSPECTIONS TO SCHEDULE A PRECONSTRUCTION MEETING PRIOR TO THE START OF ANY CONSTRUCTION (678) 518-6000.
- NOTIFY GWINNETT COUNTY INSPECTOR 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION (678) 518-6000.
- NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.
- NO DRIVE UP WINDOWS ARE TO BE INSTALLED.
- NO OUTSIDE STORAGE PROPOSED. THIS INCLUDES SUPPLIES, EQUIPMENT, VEHICLES, PRODUCTS, ETC.
- SIGNS, LOCATION NUMBER, AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE PERMIT IS REQUIRED FOR EACH SIGN.
- ALL CONSTRUCTION TO COMPLY WITH GWINNETT COUNTY STANDARDS.
- NO OVERSIZED SIGNS PERMITTED.
- NATURAL VEGETATION SHALL REMAIN ON THE PROPERTY UNTIL ISSUANCE OF A DEVELOPMENT PERMIT. NO INTERIY LAND DISTURBANCE PERMITS SHALL BE ISSUED.
- IF NO CURB & GUTTER EXISTS ON EXISTING ROADWAY THE SIDEWALK MUST BE FURTHER SETBACK FROM THE EDGE OF PAVEMENT. LOCATION TO BE APPROVED BY THE DEPARTMENT OF TRANSPORTATION.
- MAXIMUM BUILDING HEIGHT: 45 FEET
- THERE IS NO FLOOD PLAN ON THIS PROPERTY FROM A WATER COURSE WITH DRAINAGE AREA EXCEEDING 100 ACRES OR FLOOD PLAN PER FIRRY PANEL DISBURSIFIED DATED SEPTEMBER 29, 2006.
- THERE ARE NO WETLANDS BEING DISTURBED ON THIS SITE.
- THERE ARE NO ROOF OVERHANGS.



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



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

REVISION HISTORY

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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PROJ # 180662  
ENGR NAME BOBBO GORDING  
ISSUE DATE 11/06/2019  
PROJ PGR # EF

PROFILES III

C04.9  
SHEET NUMBER

ISSUE FOR PERMIT