



UTILITY LEGEND		
UTILITY	LINETYPE/SYMBOL	REFERENCE
DOMESTIC WATER LINE	DW	1-1/2" TYPE K COPPER FROM TAP TO BACKFLOW. BACKFLOW TO BUILDING.
FIRE WATER LINE	FW	NOT APPLICABLE
BUILDING FIRE SPRINKLER LINE	FWS	NOT APPLICABLE
IRRIGATION WATER LINE	IRR	3/4" TYPE K COPPER FROM TEE TO BACKFLOW. 1" POLY FROM BACKFLOW TO SITE.
DOMESTIC WATER METER (WM)	WM	DETAIL 1, SHEET C04.2
IRRIGATION METER (IRR)	IRR	DETAIL 1, SHEET C04.4
BACKFLOW PREVENTER (RPZ)	RPZ	DETAIL 1, SHEET C04.2
FIRE VAULT (DDC)	DDC	NOT APPLICABLE
DC BACKFLOW PREVENTER		DETAIL 1, SHEET C04.2
WATER TAP OR TEE		DETAIL 1, SHEET C04.2
GATE VALVE (GV)	GV	DETAIL 1, SHEET C04.2
THRUST BLOCK (TB)	TB	NOT APPLICABLE
FIRE HYDRANT (FH)	FH	NOT APPLICABLE
FIRE DEPARTMENT CONNECTION (FDC)	FDC	NOT APPLICABLE
SANITARY SEWER (SS)	SS	2" & 6" PVC
SANITARY MANHOLE (SSMH)	SSMH	DETAIL 1, SHEET C04.3
GENERAL CLEAN OUT (CO)	CO	DETAIL 2, SHEET C04.3
SAMPLING MANHOLE		NOT APPLICABLE
SANITARY STRUCTURE NUMBER	SZ	SEE PLANS
UNDERGROUND ELECTRIC LINE-PRIMARY	UGE-P	(1) 5" PVC
UNDERGROUND ELECTRIC LINE-SECONDARY	UGE-S	(2) 4" PVC
POST INDICATOR VALVE	PVI	NOT APPLICABLE
SITE LIGHTING POLE		SEE PLANS
TRANSFORMER PAD	T	SEE PLANS
METER/CT PEDESTAL	CT	SEE PLANS
UNDERGROUND TELEPHONE LINE	UGT	(2) 4" PVC
GENERAL UTILITY CONDUIT	GU	(2) 4" PVC
GAS LINE	G	**
GAS METERS		SEE PLANS
ALL UTILITIES SHALL BE INSTALLED ACCORDING TO UTILITY PROVIDERS AND JURISDICTION STANDARDS AND SPECIFICATIONS		

WATERLINE RELOCATION NOTES

1. THE CONTRACTOR SHALL RELOCATE THE EXISTING WATER MAIN AS SHOWN ON THIS SHEET. THE RELOCATED WATER MAIN SHALL BE A 6" CLASS 350 DUCTILE IRON PIPE WITH MJ FITTINGS AT ALL CONNECTIONS AND TURNS.
2. THE CONTRACTOR SHALL COORDINATE THE SHUT OFF OF THE WATER MAIN WITH EASLEY COMBINED UTILITIES TO ENSURE MINIMAL LOSS OF SERVICE TO THE ADJACENT PROPERTIES. THE CONTRACTOR SHALL CONTACT MR. ALEX DYE AT (864) 644-8165 TO COORDINATE TIMING OF SHUT OFF.

GENERAL UTILITY NOTES

1. SEE SHEET C01.1 FOR GENERAL NOTES.
2. SEE MEP PLANS FOR CONTINUATION OF ALL UTILITIES INTO BUILDING.
3. SANITARY LATERALS SHALL HAVE A MINIMUM FALL OF 1.00%.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND THEIR LOCATIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
5. 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.
6. THE CONTRACTOR SHALL CONTACT PUBLIC UTILITIES INSPECTIONS AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
7. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH LOCAL GOVERNING CODES.
8. UTILITY CONDUIT MATERIAL FOR ELECTRIC, TELEPHONE, AND CABLE SHALL BE INSTALLED PER UTILITY PROVIDER SPECIFICATIONS.
9. CONTRACTOR TO BUILD CONCRETE TRANSFORMER PAD AND INSTALL SCHEDULE 80 PVC CONDUIT AND PULL STRING WITH SWEEPING BENDS.

SANITARY STRUCTURE TABLE				
STRUCTURE NAME	STRUCTURE TYPE	RIM ELEVATION	INVERT IN	INVERT OUT
ES0	EXISTING MANHOLE DETAIL 1, SHEET C04.3	987.05	982.95 (PS1)	
S1	6" CLEANOUT DETAIL 2, SHEET C04.3	987.10	983.26 (PS2)	983.26 (PS1)
S2	6" CLEANOUT DETAIL 2, SHEET C04.3	986.99	983.56 (PS3)	983.56 (PS2)
S3	6" CLEANOUT DETAIL 2, SHEET C04.3	987.42	984.22 (PS4)	984.22 (PS3)
S4	6" CLEANOUT DETAIL 2, SHEET C04.3	987.98	984.89 (PS5) 984.89 (PS4.1)	984.89 (PS4)
S4.1	6" CLEANOUT DETAIL 2, SHEET C04.3	988.62	985.07 (PS4.2)	985.07 (PS4.1)
S4.2	6" CLEANOUT DETAIL 2, SHEET C04.3	988.80	985.39 (PS4.3)	985.39 (PS4.2)
S4.3	6" CLEANOUT DETAIL 2, SHEET C04.3	988.79	985.63 (PS4.4)	985.63 (PS4.3)
S4.4	6" CLEANOUT DETAIL 2, SHEET C04.3	988.84	985.72 (PS4.5)	985.73 (PS4.4)
S4.5	BUILDING STUB	988.85		985.77 (PS4.5)
S5	1,500 GALLON GREASE TRAP DEAIL 4, SHEET C04.1	988.08		
S5-IN	GREASE TRAP IN	988.12	985.15 (PS6)	
S5-OUT	GREASE TRAP OUT	988.02		984.95 (PS5)
S6	6" CLEANOUT DETAIL 2, SHEET C04.3	988.15	985.21 (PS7)	985.21 (PS6)
S7	6" CLEANOUT DETAIL 2, SHEET C04.3	988.75	985.46 (PS8)	985.46 (PS7)
S8	6" CLEANOUT DETAIL 2, SHEET C04.3	988.76	985.80 (PS9)	985.80 (PS8)
S9	6" CLEANOUT DETAIL 2, SHEET C04.3	988.83	985.95 (PS10)	985.95 (PS9)
S10	BUILDING STUB	988.85		985.99 (PS10)

SANITARY PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
PS1	6"	31'	1.00%	PVC
PS2	6"	31'	1.00%	PVC
PS3	6"	33'	2.00%	PVC
PS4	6"	33'	2.00%	PVC
PS4.1	6"	9'	2.00%	PVC
PS4.2	6"	16'	2.00%	PVC
PS4.3	6"	12'	2.00%	PVC
PS4.4	6"	5'	2.00%	PVC
PS4.5	6"	2'	2.00%	PVC
PS5	6"	3'	2.00%	PVC
PS6	6"	3'	2.00%	PVC
PS7	6"	13'	2.00%	PVC
PS8	6"	14'	2.43%	PVC
PS9	6"	8'	2.00%	PVC
PS10	6"	2'	2.00%	PVC

UTILITY INFORMATION				
WATER				
	GC	SELLER	DEVELOPER	UTILITY
LINE EXTENSION TO PROPERTY LINE (PROPERTY LINE TO BUILDING)				NONE
TAPPING THE MAIN				NONE
WATER VAULT				NONE
WATER (METER) PIT				NONE
DOMESTIC METER				NONE
FIRE METER				NOT APPLICABLE
IRRIGATION METER				NONE
DOMESTIC BFP				NONE
FIRE BFP				NOT APPLICABLE
IRRIGATION BFP				NONE
OBTAINING EASEMENTS				NONE
OBTAINING ROW WORK PERMITS				NONE
SANITARY SEWER				
	GC	SELLER	DEVELOPER	UTILITY
TAPPING OF THE MAIN				NONE
LINE EXTENSION (INSIDE PROPERTY)				NONE
OBTAINING EASEMENTS				NONE
OBTAINING ROW PERMIT				NONE
ELECTRIC				
	GC	SELLER	DEVELOPER	UTILITY
PRIMARY CONDUIT				NONE
PRIMARY CABLE				NONE
PRIMARY FINAL CONNECTION				NONE
TRANSFORMER				NONE
TRANSFORMER PAD				NONE
POLE				RELOCATED BY UTILITY COMPANY. BILLED TO PANDA EXPRESS.
SECONDARY CABLE				NONE
SECONDARY CONDUIT				NONE
SECONDARY FINAL INSPECTION				NONE
METER				NONE
CT CABINET				NONE
CT METER CONDUIT				NONE
SOCKET				NONE
OBTAINING EASEMENTS				NONE
ROW WORK PERMITS				NONE
TELEPHONE				
	GC	SELLER	DEVELOPER	UTILITY
CONDUIT				NONE
TRENCH & BACKFILL				NONE
CABLE & WIRE				NONE
OBTAINING EASEMENTS				NONE
OBTAINING ROW WORK PERMITS				NONE
GAS				
	GC	SELLER	DEVELOPER	UTILITY
TAP				NONE
PIPING				NONE
TRENCH AND BACKFILL				NONE
METER				NONE
REGULATOR				NONE
OBTAINING EASEMENTS				NONE
OBTAINING ROW WORK PERMITS				NONE

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



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UTILITY PLAN

C04.0