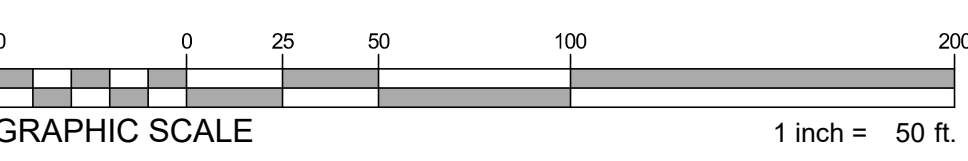


DRAIN SCHEDULE		DRAIN SCHEDULE		DRAIN SCHEDULE		DRAIN SCHEDULE	
STRUCTURE	ELEV.	STRUCTURE	ELEV.	STRUCTURE	ELEV.	STRUCTURE	ELEV.
AD-1 15" AREA DRAIN	RIM = 250.50 INV OUT = 247.50 (RG#1 TEE)	CB-6 DOUBLE GRATE	RIM = 260.01 INV OUT = 255.20 (DMH-21)	DMH-3 4" DIA. DMH	RIM = 253.14 INV IN = 245.40 (SWM-5 OUT) INV OUT = 245.30 (DMH-24)	DMH-21 4" DIA. DMH	RIM = 260.17 INV IN = 255.10 (CB-6) INV IN = 255.10 (DMH-23) INV OUT = 255.00 (DMH-16)
AD-2 15" AREA DRAIN	RIM = 250.50 INV IN = 247.50 (RG#1 TEE)	CB-7 SINGLE GRATE	RIM = 261.13 INV OUT = 256.80 (DMH-23)	DMH-7 4" DIA. DMH	RIM = 248.05 INV IN = 241.00 (DMH-24) INV OUT = 245.30 (EX. SPLASH PAD #1)	DMH-23 4" DIA. DMH	RIM = 261.19 INV IN = 250.20 (CB-7) INV IN = 255.80 (DMH-21)
AD-3 15" AREA DRAIN	RIM = 250.50 INV OUT = 247.50 (RG#2 TEE)	CB-11 SINGLE GRATE	RIM = 250.79 INV OUT = 245.60 (WQU-1)	DMH-8 4" DIA. DMH	RIM = 257.53 INV IN = 252.00 (Bldg 1 - South 2) INV IN = 251.90 (DMH-1) INV OUT = 251.80 (SWM-4 IN (2))	DMH-24 4" DIA. DMH	RIM = 256.22 INV IN = 243.80 (DMH-3) INV IN = 243.90 (WQU-1) INV OUT = 243.70 (DMH-7)
AD-4 15" AREA DRAIN	RIM = 250.50 INV IN = 247.50 (RG#2 TEE)	CB-12 SINGLE GRATE	RIM = 251.14 INV OUT = 248.20 (WQU-1)	DMH-14 4" DIA. DMH	RIM = 253.01 INV IN = 246.40 (CB-2) INV IN = 246.30 (CB-5) INV IN = 246.50 (CB-18) INV OUT = 246.30 (WQU-1)	DMH-25 5" DIA. DROP DMH	RIM = 260.91 INV IN = 257.80 (I) INV OUT = 251.00 (EX. DMH-9)
CB-2 SINGLE GRATE	RIM = 252.16 INV OUT = 246.80 (DMH-14)	CB-18 SINGLE GRATE	RIM = 254.45 INV OUT = 248.00 (DMH-14)	DMH-16 4" DIA. DMH	RIM = 260.88 INV IN = 254.50 (DMH-21) INV IN = 255.40 (DMH-4) INV OUT = 253.70 (WQU-4)	WQU-1 CONTECH CASCADE CS-4	RIM = 252.05 INV IN = 245.10 (DMH-14) INV IN = 248.00 (CB-12) INV IN = 245.10 (CB-11) INV OUT = 245.00 (DMH-24)
CB-5 SINGLE GRATE	RIM = 251.76 INV OUT = 247.20 (DMH-14)	DMH-1 4" DIA. DMH	RIM = 257.53 INV IN = 253.30 (Bldg 1 - South 3) INV OUT = 253.20 (DMH-8)	DMH-19 4" DIA. DMH	RIM = 260.21 INV IN = 258.00 (Bldg 1 - North) INV OUT = 257.90 (SWM-6 IN)	WQU-4 CONTECH CASCADE CS-6	RIM = 257.32 INV IN = 251.80 (DMH-15) INV IN = 251.80 (DMH-16) INV OUT = 251.70 (SWM-2 IN (4))

STRUCTURE	SYSTEM ELEV.	SYSTEM CONNECTIONS
SWM-1: ACF R-TANK SD-9 38'12" x 95'49" 1,014 TOTAL CHAMBERS (26 ROWS x 39 CHAMBERS)	TOP OF STONE = 251.31 TOP OF SYSTEM = 250.31 BOTTOM OF SYSTEM = 243.75 BOTTOM OF STONE = 243.50 ESHGW = 240.80"	INV OUT = 246.50 (3-18" HDPE - SWM-4) INV IN = 246.50 (2-18" HDPE - SWM-7)
SWM-2: ACF R-TANK SD-5 203'39" x 36'81" 2,125 TOTAL CHAMBERS (25 ROWS x 85 CHAMBERS)	TOP OF STONE = 254.93 TOP OF SYSTEM = 253.93 BOTTOM OF SYSTEM = 250.25 BOTTOM OF STONE = 250.00 ESHGW = 247.30"	INV OUT = 250.40 (5-18" HDPE - SWM-3) INV IN = 251.00 (18" RCP - DMH-17) INV IN = 250.50 (30" RCP - WQU-4) INV IN = 251.00 (24" HDPE - DMH-8) INV IN = 251.00 (18" RCP - BLDG 1 - SOUTH 1)
SWM-3: ACF R-TANK SD-7 165'51" x 47'99" 2,176 TOTAL CHAMBERS (32 ROWS x 68 CHAMBERS)	TOP OF STONE = 250.36 TOP OF SYSTEM = 249.36 BOTTOM OF SYSTEM = 244.25 BOTTOM OF STONE = 244.00 ESHGW = 241.30"	INV OUT = 247.10 (3-24" HDPE - SWM-4) INV IN = 247.10 (5-24" HDPE - SWM-2)
SWM-4: ACF R-TANK SD-8 191'32" x 58'49" 3,160 TOTAL CHAMBERS (44 ROWS x 79 CHAMBERS)	TOP OF STONE = 250.09 TOP OF SYSTEM = 249.09 BOTTOM OF SYSTEM = 243.25 BOTTOM OF STONE = 243.00 ESHGW = 240.30"	INV OUT = 246.40 (3-24" HDPE - SWM-5) INV IN = 246.50 (5-24" HDPE - SWM-3) INV IN = 247.30 (12" RCP - WQU-2) INV IN = 247.45 (15" RCP - RG #1)
SWM-5: ACF R-TANK SD-6 120'94" x 63'74" 2,156 TOTAL CHAMBERS (44 ROWS x 49 CHAMBERS)	TOP OF STONE = 250.65 TOP OF SYSTEM = 249.65 BOTTOM OF SYSTEM = 245.25 BOTTOM OF STONE = 245.00 ESHGW = 242.30"	INV OUT = 246.30 (8-24" HDPE - DMH-3) INV IN = 246.40 (5-24" HDPE - SWM-4) INV IN = 247.45 (15" HDPE - RG #2)
SWM-6: ACF R-TANK SD-4 109'56" x 15'81" 405 TOTAL CHAMBERS (9 ROWS x 45 CHAMBERS)	TOP OF STONE = 260.20 TOP OF SYSTEM = 259.20 BOTTOM OF SYSTEM = 256.25 BOTTOM OF STONE = 256.00 ESHGW = 253.30"	INV OUT = 257.95 (1-12" HDPE - DMH-25) INV IN = 256.24 (24" RCP - DMH-19)
SWM-7: ACF R-TANK SD-9 67'34" x 39'43" 729 TOTAL CHAMBERS (27 ROWS x 27 CHAMBERS)	TOP OF STONE = 252.30 TOP OF SYSTEM = 251.30 BOTTOM OF SYSTEM = 244.75 BOTTOM OF STONE = 244.50 ESHGW = 241.80"	INV OUT = 246.50 (2-18" HDPE - SWM-1) INV IN = 246.40 (30" RCP - DMH-22) INV IN = 248.55 (18" RCP - EX. DMH-23(1))

SYMBOL LEGEND	
	EXISTING ELEVATION CONTOUR
	PROPOSED ELEVATION CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED TC/BC ELEVATIONS
	PROPOSED TW/BW ELEVATIONS
	PROPOSED CATCH BASIN
	PROPOSED DRAIN MANHOLE
	DOUBLE GRATE CATCH BASIN
	PROPOSED STORM DRAIN
	PROPOSED ELECTRICAL TRANSFORMER
	PROPOSED RIP RAP
	PROPOSED SEWER MANHOLE
	PROPOSED RETAINING WALL
	TEST PIT LOCATION



* ESHGW DATA INTERPRETED FROM EXISTING MONITOR WELL READINGS TAKEN ON MARCH 26, 2023 BY MCARDLE GANNON ASSOCIATES WITH A 1.3 FT FRIMPETER ADJUSTMENT APPLIED TO THE WELL READINGS.