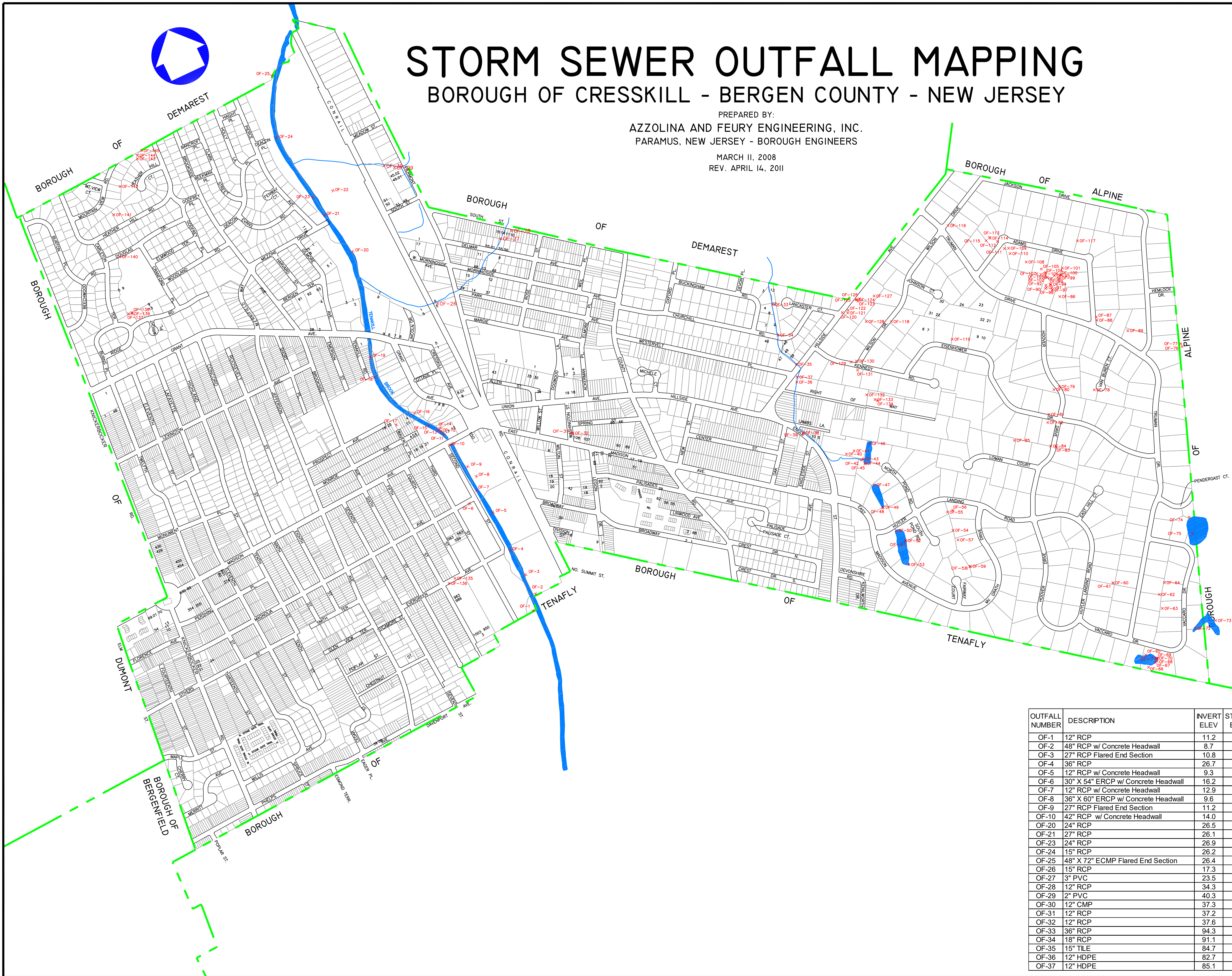


# STORM SEWER OUTFALL MAPPING

## BOROUGH OF CRESSKILL - BERGEN COUNTY - NEW JERSEY

PREPARED BY:  
 AZZOLINA AND FEURY ENGINEERING, INC.  
 PARAMUS, NEW JERSEY - BOROUGH ENGINEERS  
 MARCH II, 2008  
 REV. APRIL 14, 2011



OF-38	12" CMP	78.4	
OF-39	15" RCP	91.5	
OF-40	24" HDPE	122.4	
OF-41	12" HDPE	138.2	
OF-42	36" RCP	127.5	
OF-43	CONCRETE SPILLWAY		138.4
OF-44	48" RCP	122.4	
OF-45	48" RCP	120.9	
OF-46	48"x36" RCP	128.2	
OF-47	15" RCP	146.2	
OF-48	36" RCP	170.0	
OF-49	36" RCP	126.3	
OF-50	12" PVC	148.6	
OF-51	36" RCP	154.6	
OF-52	30" RCP	151.6	
OF-53	24"x18" RCP	150.2	
OF-54	36" RCP	183.1	
OF-55	BOX STRUCTURE (2-36" RCP)		190.5
OF-56	36" RCP	180.8	
OF-57	BOX STRUCTURE (1-36" RCP)		198.9
OF-58	12" PVC	194.3	
OF-59	36" RCP	188.7	
OF-60	18" RCP	340.8	
OF-61	18" RCP	340.5	
OF-62	BOX STRUCTURE (1-36" RCP)		389.9
OF-63	12" RCP	386.1	
OF-64	30" RCP FLARED END SECTION	381.7	
OF-65	30" RCP FLARED END SECTION	349.8	
OF-66	24" CMP	342.3	
OF-67	12" RCP	362.2	
OF-68	12" RCP	353.7	
OF-69	12" RCP	356.5	
OF-70	24" RCP	350.6	
OF-71	24" RCP	353.0	
OF-72	BOX STRUCTURE (1-36" RCP)		389.3
OF-73	15" CMP	385.2	
OF-74	36" RCP FLARED END SECTION	405.0	
OF-75	BOX STRUCTURE (1-30" RCP)		410.5
OF-76	15" CIP	405.9	
OF-77	24"x18" CMP	410.2	
OF-78	24" RCP	328.9	
OF-79	12" RCP	306.9	
OF-80	24" RCP	310.8	
OF-81	12" RCP	304.0	
OF-82	36" RCP	282.5	
OF-83	18" RCP	291.8	
OF-84	18" RCP	292.7	
OF-85	40" RCP	266.9	
OF-86	36" RCP	284.7	
OF-87	36" RCP	321.3	
OF-88	18" RCP	317.7	
OF-89	36" RCP	352.2	
OF-90	15" RCP	283.7	
OF-91	HEADWALL (PIPE BLOCKED)		275.3
OF-92	60" ROUND CULVERT	274.2	
OF-93	36" RCP	284.5	
OF-94	36" RCP	276.8	
OF-95	36" RCP	261.1	
OF-96	30" RCP	263.9	
OF-97	36" RCP	281.0	
OF-98	36" RCP	285.4	
OF-99	24" TILE	268.5	
OF-100	58"x36" CMPA	267.7	
OF-101	48" RCP	272.9	
OF-102	50"x31" CMPA	266.5	
OF-103	50"x31" CMPA	257.4	
OF-104	EXIT FLUME	281.5	
OF-105	24" RCP	260.7	
OF-106	36" RCP	242.2	
OF-107	CONCRETE SPILLWAY		264.3
OF-108	CONCRETE SPILLWAY (on wood deck)		244.1
OF-109	18" RCP	210.1	
OF-110	30" RCP	231.9	
OF-111	18"x36" OPENING @ WALL	203.7	
OF-112	48" RCP	208.0	
OF-113	50"x31" CMPA	200.4	
OF-114	50"x31" CMPA	212.0	
OF-115	50"x31" CMPA	210.9	
OF-116	36" RCP	162.6	
OF-117	OVERFLOW BOX (TO 36" RCP)		287.7
OF-118	24" RCP	145.2	
OF-119	18" RCP	214.6	
OF-120	51"x36" CMP	100.6	
OF-121	36" RCP	104.4	
OF-122	36" RCP	96.7	
OF-123	30" RCP	102.2	
OF-124	CONCRETE SPILLWAY		108.1
OF-125	36" RCP	107.2	
OF-126	30" RCP FLARED END SECTION	106.9	
OF-127	18" RCP	109.0	
OF-128	24" RCP	137.0	
OF-129	30" RCP	121.8	
OF-130	15" RCP	110.8	
OF-131	30" RCP	125.5	
OF-132	36" RCP	124.3	
OF-133	36" RCP	132.9	
OF-134	12" HDPE	138.9	
OF-135	36"x30" CMP FLARED END SECTION	30.3	
OF-136	30" RCP	40.4	
OF-137	15" RCP	126.5	
OF-138	15" RCP	114.6	
OF-139	15" RCP	81.8	
OF-140	48" RCP	93.8	
OF-141	48" RCP	83.1	
OF-142	18" RCP	77.7	
OF-143	6" TILE	67.9	
OF-144	18" RCP	75.8	
OF-145	36" RCP	62.1	

OUTFALL NUMBER	DESCRIPTION	INVERT ELEV	STRUCT ELEV
OF-1	12" RCP	11.2	
OF-2	48" RCP w/ Concrete Headwall	8.7	
OF-3	27" RCP Flared End Section	10.8	
OF-4	36" RCP	26.7	
OF-5	12" RCP w/ Concrete Headwall	9.3	
OF-6	30" X 54" ERCP w/ Concrete Headwall	16.2	
OF-7	12" RCP w/ Concrete Headwall	12.9	
OF-8	36" X 60" ERCP w/ Concrete Headwall	9.6	
OF-9	27" RCP Flared End Section	11.2	
OF-10	42" RCP w/ Concrete Headwall	14.0	
OF-20	24" RCP	26.5	
OF-21	27" RCP	26.1	
OF-23	24" RCP	26.9	
OF-24	15" RCP	26.2	
OF-25	48" X 72" ECMP Flared End Section	26.4	
OF-26	15" RCP	17.3	
OF-27	3" PVC	23.5	
OF-28	12" RCP	34.3	
OF-29	2" PVC	40.3	
OF-30	12" CMP	37.3	
OF-31	12" RCP	37.2	
OF-32	12" RCP	37.6	
OF-33	36" RCP	94.3	
OF-34	18" RCP	91.1	
OF-35	15" TILE	84.7	
OF-36	12" HDPE	82.7	
OF-37	12" HDPE	85.1	