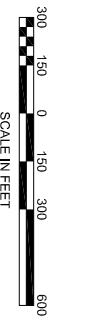


NOTES:
 ALL NWL ELEVATIONS IDENTIFIED FOR DESIGNED PONDS ASSUMED TO BE AT OUTLET STRUCTURE ELEVATION
 STARTING WATER SURFACE ELEVATIONS FOR 2YR AND 10YR STORM EVENTS ASSUMED TO BE TWO FEET BELOW NWL TO ACCOUNT FOR INFILTRATION CAPACITY DESIGNED IN PONDS.
 STARTING WATER SURFACE ELEVATION FOR 100YR STORM EVENT ASSUMED AT NWL.

STORM EVENT	POND IDENTIFICATION	2YR			10YR			100 YR			E0/FLOOD ELEVATION	NURP DEAD STORAGE VOLUME (c)
		STORAGE (c)	DISCHARGE RATE (cfs)	ELEV.	STORAGE (c)	DISCHARGE RATE (cfs)	ELEV.	STORAGE (c)	DISCHARGE RATE (cfs)	ELEV.		
	POND 1L	87,091	0.08	895.23	112,687	0.28	896.19	157,502	4.20	897.63	900.2	111,016
	POND 2L	22,801	0.06	897.34	31,412	0.16	898.12	45,922	3.40	899.21	901.0	71,991
	POND 1C	39,999	0.11	896.00	52,454	0.82	896.88	75,990	6.16	898.30	899.5	11,945
	POND 2C	75,119	0.05	900.98	108,532	0.78	902.54	145,419	5.46	903.98	904.2	98,085
	POND 3C	55,868	0.22	908.17	160,344	1.99	909.05	232,692	5.80	910.95	914.2	126,701
	POND 4C	49,095	0.29	902.40	218,581	0.88	903.25	306,633	5.05	904.64	905.54	211,684
	POND 5C	31,968	0.48	895.53	42,798	2.30	896.36	62,574	7.17	897.63	900.5	39,127
	WETLAND 1	6,509	0.00	910.17	17,018	0.00	911.43	34,132	0.00	912.68	-	-
	WETLAND 2	35,947	0.00	892.33	82,445	0.00	893.30	151,764	0.12	894.40	-	-
	WETLAND 3	15,993	0.00	903.99	28,572	0.27	904.53	31,734	3.57	904.64	-	-
	INFILTRATION BASIN 1	2,272	0.00	899.16	31,251	0.00	900.69	68,260	0.76	901.79	904.2	-
	INFILTRATION BASIN 3	9,114	0.00	894.10	28,854	0.00	895.70	49,795	0.00	896.54	900.5	-

EXISTING UTILITIES SHOWN ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.



HEREBY CERTIFY THAT THIS PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 Date: FEBRUARY 1, 2007 REG. NO. 26147

REVISIONS	BY
REVISE EROSION CONTROL PLAN 2/12/07	DIS
REVISED PLANS PER VTN CMMO LETTER 3/28/07	VTN
REVISED PLANS PER CMMO VTN RECOMMENDATIONS	VTN
REVISED GEP FOR NATION LENNAR PLANS	NBN
REVISED HOLDOWNS	NBN

SATHRE-BERGQUIST, INC.
 150 SOUTH BROADWAY WAYZATA, MN. 55391 (952) 476-6000

ENG. INEERS SURVEYORS DESIGNERS PLANNERS

FINAL GRADING, DRAINAGE, AND EROSION CONTROL PLAN
MILLBROOK
 STILLWATER, MINNESOTA
 LENNAR CORPORATION

FILE: M:\5455-07\DWG\BASE_MILL...DWG
SHEET: GP9
OF: GP9 SHEETS
DRAWN: CAV
CHECKED: DIS
DATE: 02-01-07
SCALE: AS SHOWN
JOB NO.: 5455-076