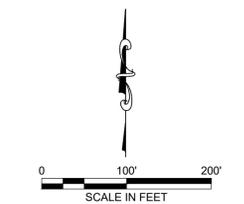
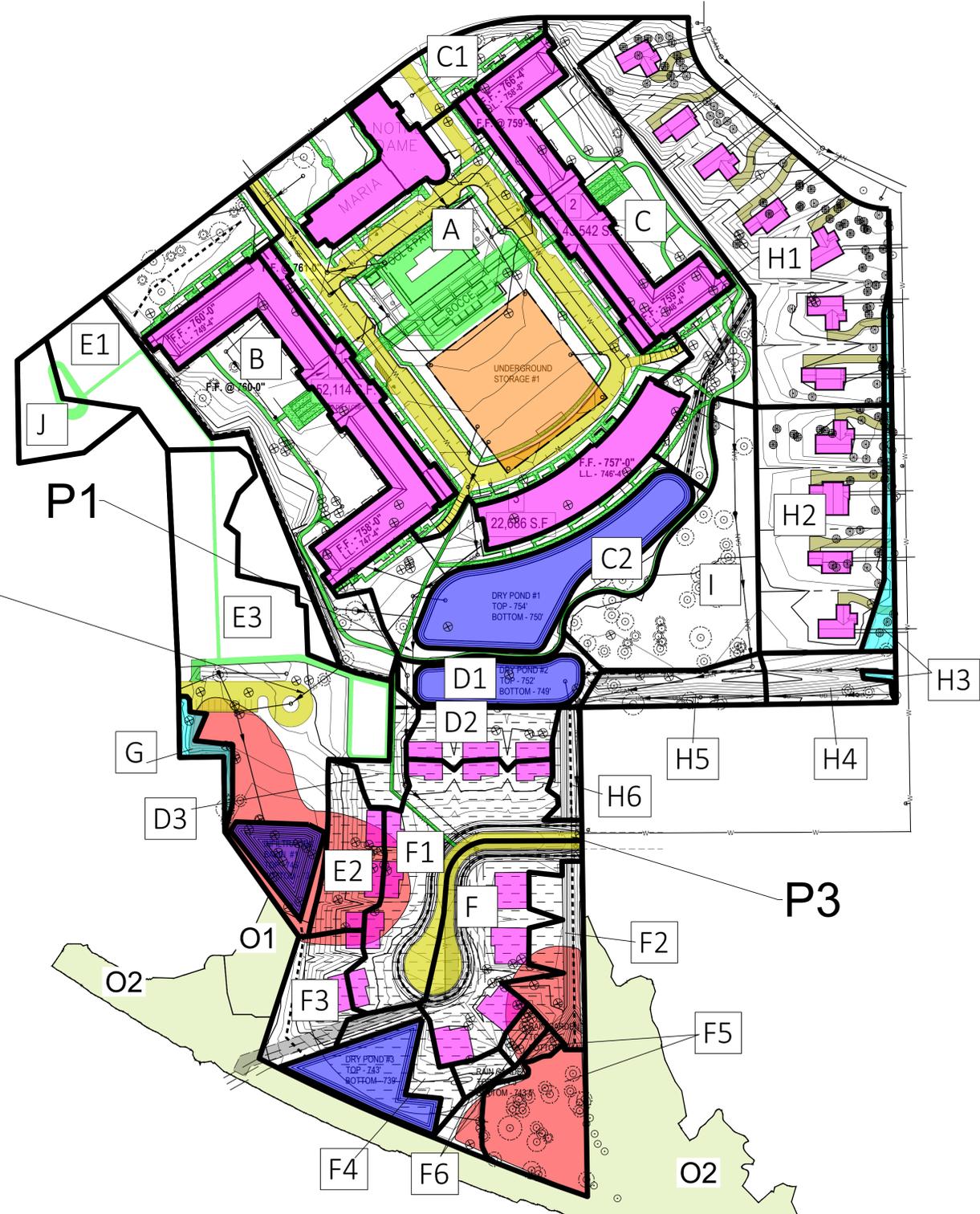


SUB CATCHMENT	BMP	TOTAL AREA (SF)	TOTAL AREA (AC)	WALKS (SF)	WALKS (AC)	PARKING/ROADS (SF)	PARKING/ROADS (AC)	ROOFS (SF)	ROOFS (AC)	LANDSCAPE (SF)	LANDSCAPE (AC)
A	UG#1	227,383	5.220	46,354	1.064	45,317	1.040	38,734	0.889	96,978	2.226
B (Roof to Dry Pond #1)	DRY POND #1 INFILTRATION BASIN #1	128,423	2.948	9,317	0.214	-	-	42,864	0.981	76,242	1.750
C*	DRY POND #1	122,293	2.822	8,668	0.199	-	-	39,213	0.796	81,372	1.868
C1	DRY POND #1	18,274	0.420	2,240	0.051	1,774	0.041	-	-	14,290	0.328
C2	DRY POND #1	77,290	1.774	9,728	0.223	-	-	23,739	0.545	48,823	1.106
D1	DRY POND #2	20,886	0.479	-	-	-	-	-	-	20,886	0.479
D2	DRY POND #2	16,636	0.382	-	-	-	-	4,215	0.097	12,421	0.285
D3	INFILTRATION BASIN #1	8,234	0.189	1,062	0.024	-	-	-	-	7,172	0.165
E1	INFILTRATION BASIN #1	39,552	0.908	2,163	0.050	-	-	-	-	37,391	0.858
E2	INFILTRATION BASIN #1	18,887	0.434	-	-	-	-	3,503	0.080	15,384	0.353
E3	INFILTRATION BASIN #1	109,219	2.507	6,532	0.150	8,300	0.191	-	-	94,887	2.167
F	DRY POND #3	43,646	1.002	11,236	0.258	14,227	0.327	11,236	0.258	18,183	0.417
F1	DRY POND #3	54,287	1.246	504	0.012	19,500	0.450	9,863	0.226	24,193	0.559
F2	SOUTHERN HOMES EAST SWALE	18,888	0.434	-	-	-	-	-	-	18,888	0.434
F3	DRY POND #3	20,145	0.464	-	-	-	-	2,087	0.048	18,129	0.416
F4	DRY POND #3	26,797	0.615	-	-	-	-	-	-	26,797	0.615
F5	EXISTING SOUTHEAST BASIN	11,282	0.258	-	-	-	-	-	-	11,282	0.258
F6	DRY POND #3	6,642	0.152	-	-	-	-	-	-	6,642	0.152
G	OFFSITE	4,882	0.112	-	-	-	-	-	-	4,882	0.112
H1	DRY POND #1	114,743	2.634	-	-	9,481	0.218	11,229	0.304	92,033	2.113
H2	SOUTHERN HOMES EAST SWALE	65,303	1.499	-	-	4,833	0.111	7,898	0.181	52,572	1.207
H3	OFFSITE	7,424	0.170	-	-	1,041	0.024	-	-	6,383	0.147
H4	SOUTHERN HOMES EAST SWALE	13,718	0.315	-	-	-	-	-	-	13,718	0.315
H5	SOUTHERN HOMES EAST SWALE	14,502	0.333	-	-	-	-	-	-	14,502	0.333
H6	SOUTHERN HOMES EAST SWALE	6,074	0.139	-	-	-	-	-	-	6,074	0.139
I*	DRY POND #2	56,129	1.289	-	-	-	-	-	-	56,129	1.289
J*	OFFSITE	15,951	0.362	1,360	0.031	-	-	-	-	13,991	0.312
O1**	INFILTRATION BASIN #1	11,697	0.269	-	-	-	-	-	-	11,697	0.269
O2**	EXISTING SOUTHEAST BASIN	132,678	3.046	-	-	-	-	3,040	0.070	129,638	2.976
TOTAL WITHOUT O1 & O2		1,287,800	29.561	87,876	2.017	104,563	2.400	190,281	4.368	905,080	20.778

TOTAL PROPERTY INCLUDING UNDISTURBED AREAS = 1,287,800, without I & J TOTAL AREA = 1,216,320
 * WITHIN PROPERTY BOUNDARY BUT UNDISTURBED
 ** OFFSITE COMING ONSITE
 *** CONSERVATIVE Tc OF 6 MINUTES WERE USED FOR MAJORITY OF AREAS ON THE PROPERTY
 **** CN VALUES OF 98 WERE USED FOR ALL IMPERVIOUS AREAS AND CN OF 74 WAS USED FOR LANDSCAPED AREAS



- LEGEND**
- CATCHMENT AREA BOUNDARY
 - EXISTING GRADING CONTOUR
 - APPROXIMATE GRAVEL PIT LOCATIONS PER NRCS WEB SOIL SURVEY
 - WALKS
 - ROADS
 - ROOFS
 - PONDS
 - AREA LEAVING SITE UNTREATED
 - UNDERGROUND DETENTION FOOTPRINT
 - LANDSCAPING
 - SWALE
 - STORM SEWER
 - STORM MANHOLE

PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
 PRELIMINARY DESIGN, NOT FOR CONSTRUCTION

CLIENT: MANDEL GROUP, INC.

PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
 ELM GROVE, WI 53122

REVISIONS	DATE	DESCRIPTION

DRAWN BY JLA	DATE 12/14/2020
CHECKED BY APS	DATE 12/14/2020

SITE TITLE
**STORM WATER MANAGEMENT PLAN
 PROPOSED CONDITIONS**

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