

# CITY OF MADISON

### CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS PLAN OF PROPOSED IMPROVEMENT

BIRCHWOOD POINT SOUTH STORMWATER MANAGEMENT

FOR BIRCHWOOD POINT SOUTH: PHASE 2 (PROJ NO. 11997: BPS 2)

FOR BIRCHWOOD POINT SOUTH: PHASE 1 (PROJ NO. 11932: BPS 1)

PROPOSED NORTH BASIN LAYOUT

NORTH DETENTION/INFILTRATION BASIN DETAIL

TEMPORARY INFILTRATION BYPASS EXHIBIT

SHEET NO. 3 SOUTH STORMWATER SYSTEM LAYOUT

SOUTH DETENTION/INFILTRATION BASIN DETAGLITY PROJECT NO. 11933 SHEET NO. 4 SHEET NO. 5

REGIONAL BYPASS CHANNEL

CITY CONTRACT NO. 8196

MUNIS NO. 11933

PUBLIC IMPROVEMENT PROJECT

APPROVED BY:

Jul 27, 2021

City Engineer

N- Greg Fries

APPROVED

OCTOBER 15, 2019

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN

Date

STORMWATER PONDS DESIGNED BY:

SEE *INDIVIDUAL* **SHEETS** 

FOR WESTERN ADDITION TO 1000 OAKS: PHASE 1 (PROJ NO. 12325: TOW 1) SHEET NO. 7 OL 20 DETENTION BASIN LAYOUT

SHEET NO. 8 OL 20 DETENTION BASIN DETAIL

FOR WESTERN ADDITION TO 1000 OAKS: PHASE 2 (PROJ NO. 12629: TOW 2) SHEET NO. 9 PHASE 2 STORMWATER MANAGEMENT DETAIL

SHEET NO. PBM-1 PROPERTY BOUNDARY MARKER PLAN

= REVISED SHEETS ADDED AS PART OF CURRENT PLAN REVISION

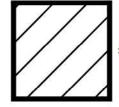
INDEX OF SHEETS

SHEET NO. 1

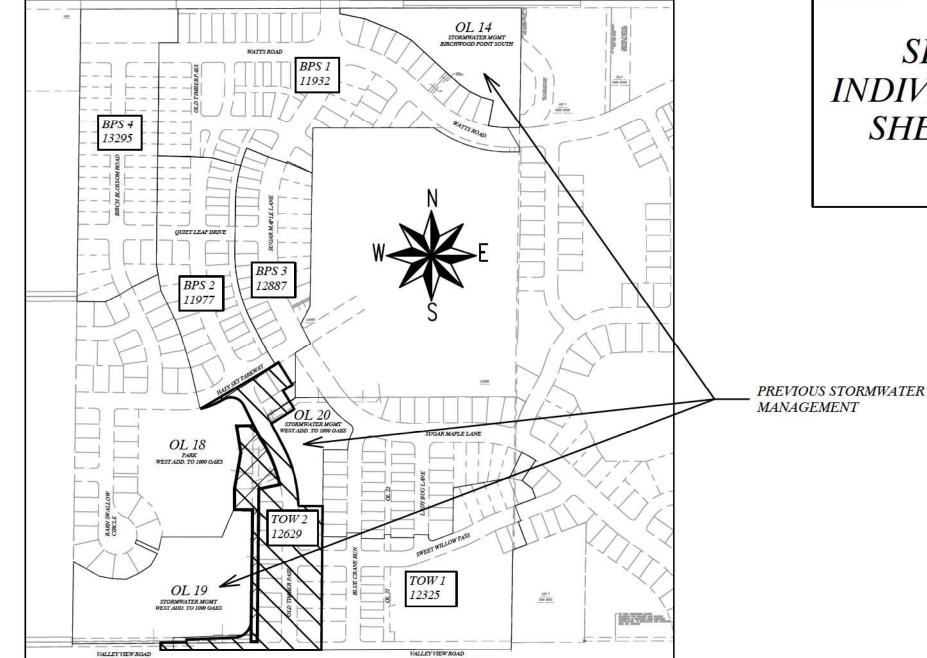
SHEET NO. 2

SHEET NO. 6

THIS PROJECT (OVERLAPS WITH TOW 2) BIRCHWOOD POINT SOUTH STORMWATER MANAGEMENT

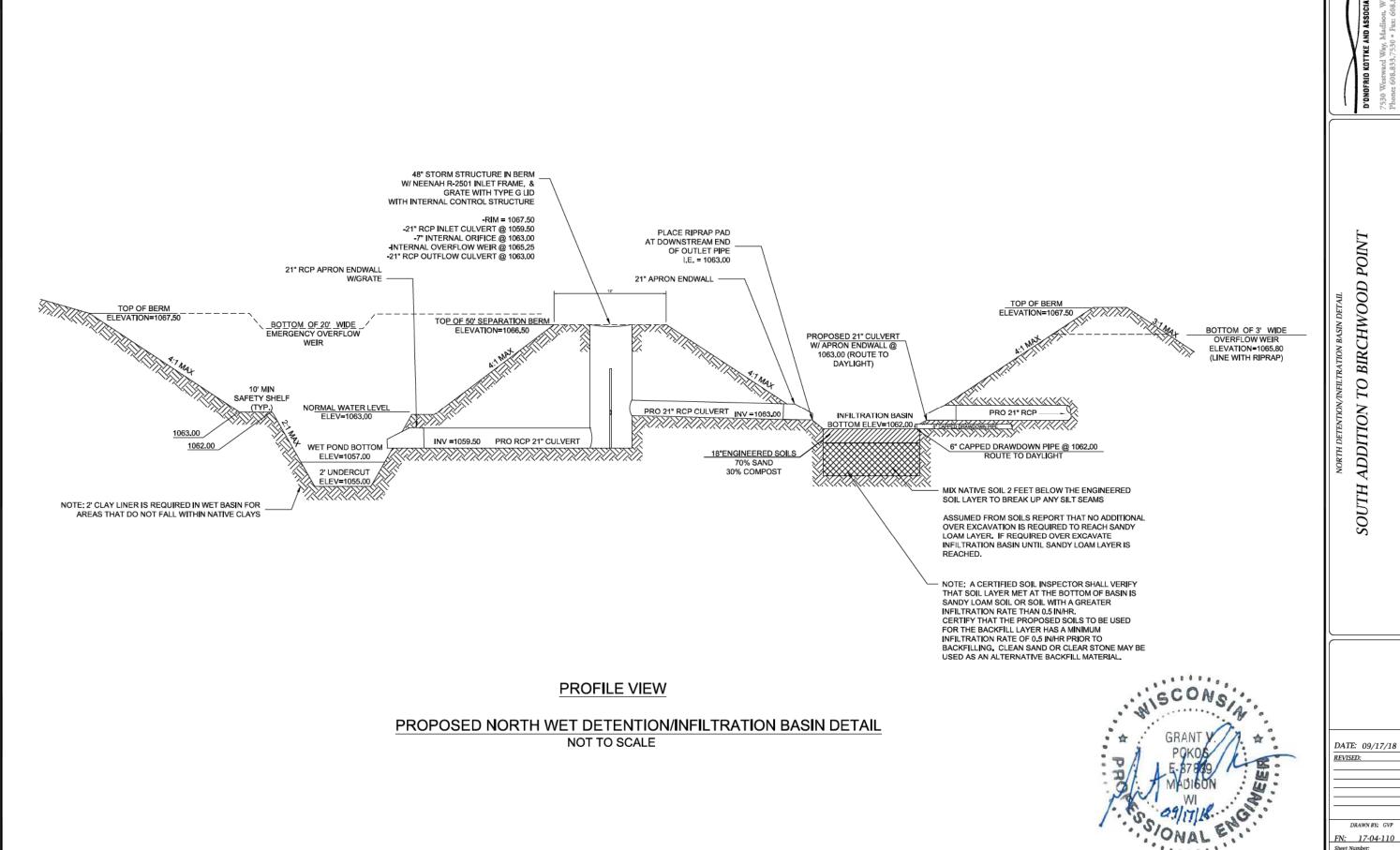


ADJACENT PROJECT. WESTERN ADDITION TO 1000 OAKS: PHASE 2 PROJECT NO. 12629 CONTRACT NO. 8463



NOT FOR CONSTRUCTION

DRAWN BY: GVP



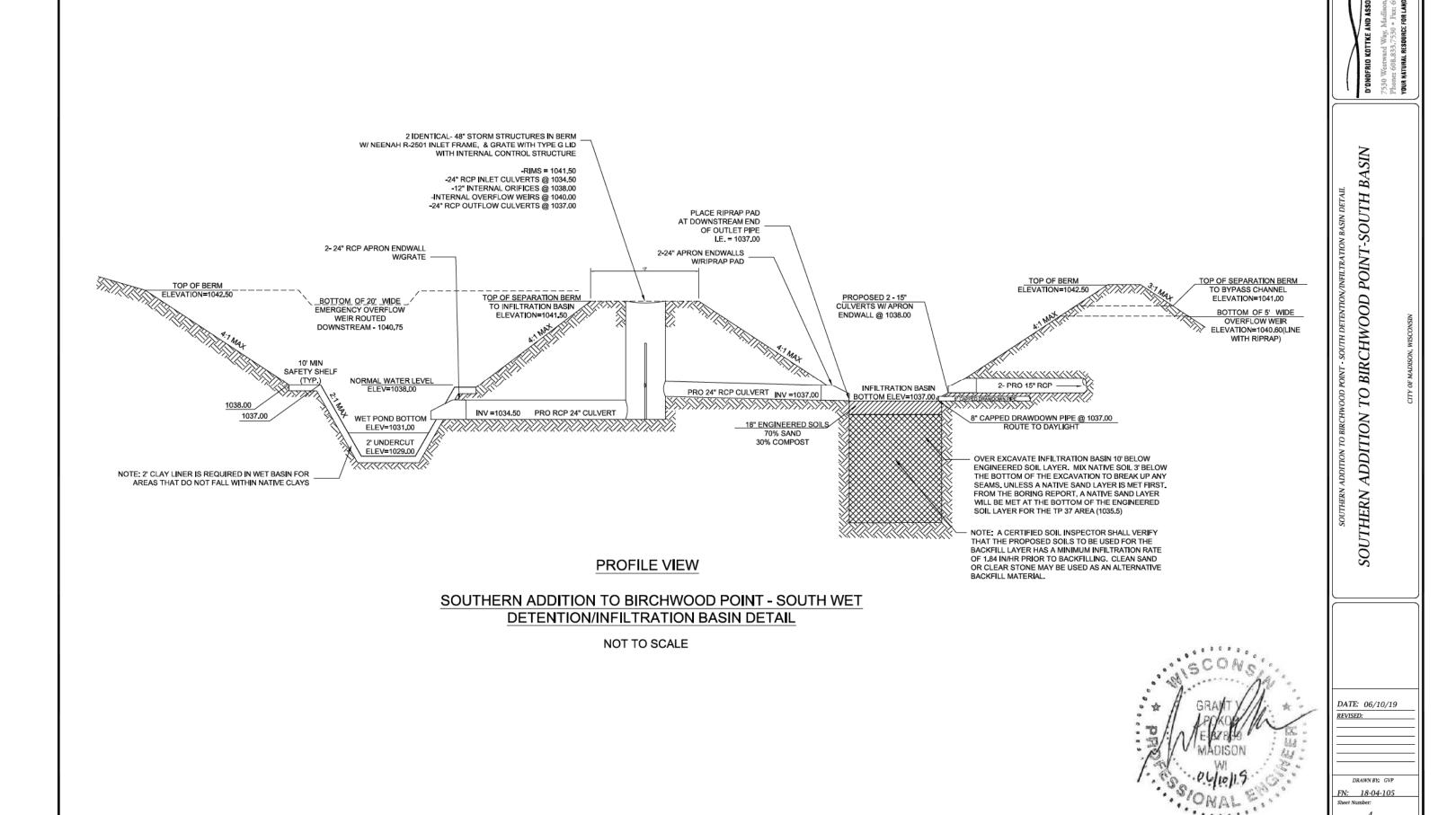
DRAWN BY: GVP

2 of 2

60 LF @ 0.50%

DRAWN BY: GVP FN: 18-04-105

ROUTE TO DAYLIGHT File: U:Usen1804105\Engineering\SWMP\Stamped Basin Plans 2019.06.10 Stamped Birchwood Basin Construction\Stamped Birchwood Basin Plans 2019.06.10.dwg 1 OF 4 Birchwood Basin Plan Plotted; Jun 28, 2019 - 9:03am



EROSION MAT -BASIN SIDE ELEVATION = 1041.00 LOT SIDE ELEVATION = 1043.50 BOTTOM ELEV VARIES - 1039.80 TO 1037.50 16' WIDE MIN VARIES REGIONAL BYPASS CHANNEL

NOT TO SCALE

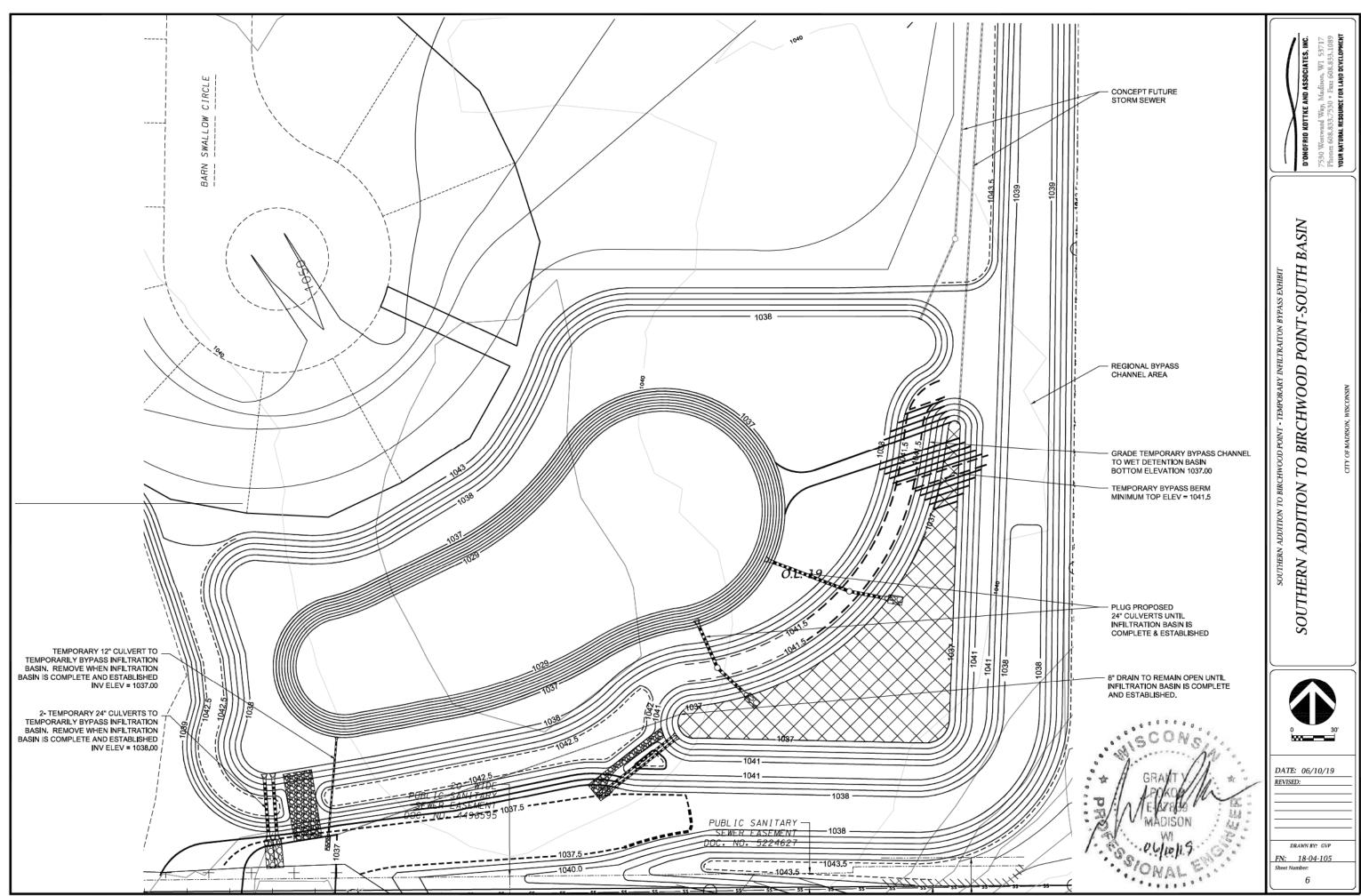


SOUTHERN ADDITION TO BIRCHWOOD POINT-SOUTH BASIN

DATE: 06/10/19 REVISED:

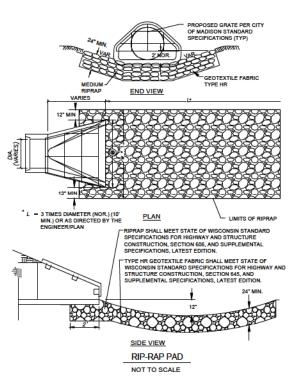
DRAWN BY: GVP

FN: 18-04-105
Sheet Number: 5

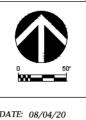


#### GENERAL NOTES:

- ALL SITE WORK AND MATERIALS SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS.
- EROSION CONTROL MEASURES SHALL BE PLACED PER THE APPROVED EROSION CONTROL PLAN.
- 3. LENGTHS OF CULVERTS INCLUDE ENDWALLS.
- CULVERT LENGTHS SHALL BE FIELD VERIFIED DURING CONSTRUCTION TO ENSURE THAT THEY ARE LONG ENOUGH TO CONFORM TO TYPICAL CROSS SECTION.
- 5. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" OF TOPSOIL, FERTILIZER, SEED AND MULCH. SEED MIXTURE WITHIN THE OUTLOT, EXCEPT FOR THE DETENTION BASIN AREA, SHALL BE CITY OF MADISON SHORTGRASS SEEDING OR EQUIVALENT APPLIED PER THE CITY OF MADISON STANDARDS. THE DETENTION BASIN AREA SHALL BE SEEDED WITH A NATIVE SEED MIX TOLERANT OF FLUCTUATING WATER CONDITIONS. FERTILIZER SHALL BE PLACED PER A SOILS TES.
- 6. SEE APPROVED ENGINEERING PLANS FOR SITE STORM SEWER TYPE, LENGTHS, AND SIZES







**PHASE** 

OAKS-

1000

TO

ADDITION

**WESTERN** 

DATE: 08/04/20 REVISED:

DRAWN BY: GVP

7

FN: 18-04-105
Sheet Number:

SEE SHEET 9 THIS PLAN SET FOR GRADING DESIGN

### **PROFILE VIEW**

## $\frac{\text{PROPOSED WESTERN ADDITION TO 1000 OAKS WET DETENTION BASIN}}{\text{DETAIL}}$

NOT TO SCALE



WESTERN ADDITION TO 1000 OAKS- PHASE 1

DATE: 08/04/20 REVISED:

DRAWN BY: GVP

FN: 18-04-105 Sheet Number:

- 1. ALL SITE WORK AND MATERIALS SHALL BE PER THE CITY OF
- 2. EROSION CONTROL MEASURES SHALL BE PLACED PER THE
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- 4. SEE WESTERN ADDITION TO 1000 OAKS PHASE 2 (PROJECT NO. 12629) ENGINEERING PLANS FOR SITE STORM SEWER TYPE, LENGTHS, AND SIZES.

REVIOUSLY BUILT CHANNEL AND PREVIOUSLY DESIGNED STORM SEWER HAS BEEN UPDATED WITH WESTERN ADDITION 1000 OAKS PHASE 2

SEE 12629 FOR UTILITY AND STREET DESIGN



07/21/2021



1000 OAKS- PHASE

OI

WESTERN ADDITION

PHASE 2 STORMWATER MANAGEMENT DETAIL

DATE: 03/08/21 REVISED: 06-01-21 06-22-21 07-21-21 DRAWN BY: DND

FN: 20-05-144

