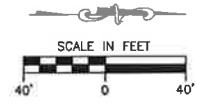
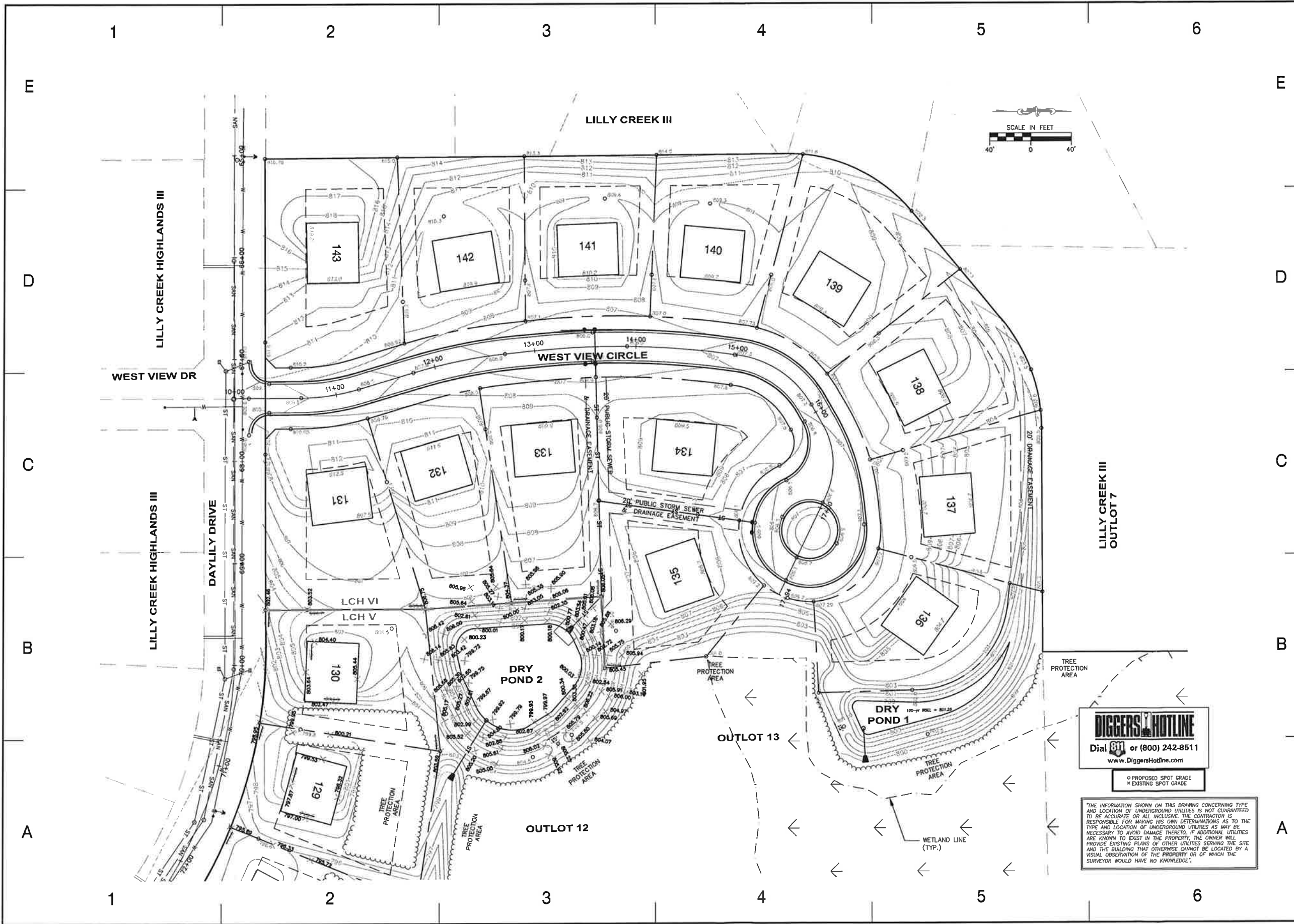


Feb 02, 2018 - 12:32pm  
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| NO. | REVISION | DATE |
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19435 W. CAPITOL DRIVE  
 SUITE 105  
 BROOKFIELD, WI 53045  
 (262) 781-3605  
 (262) 781-9006 (FAX)  
 www.onesourceconsult.com

PROJECT: LILLY CREEK HIGHLANDS VMI  
 CLIENT: BURBACH COMPANY  
 12750 W. NORTH AVE. STE B  
 BROOKFIELD, WI 53005



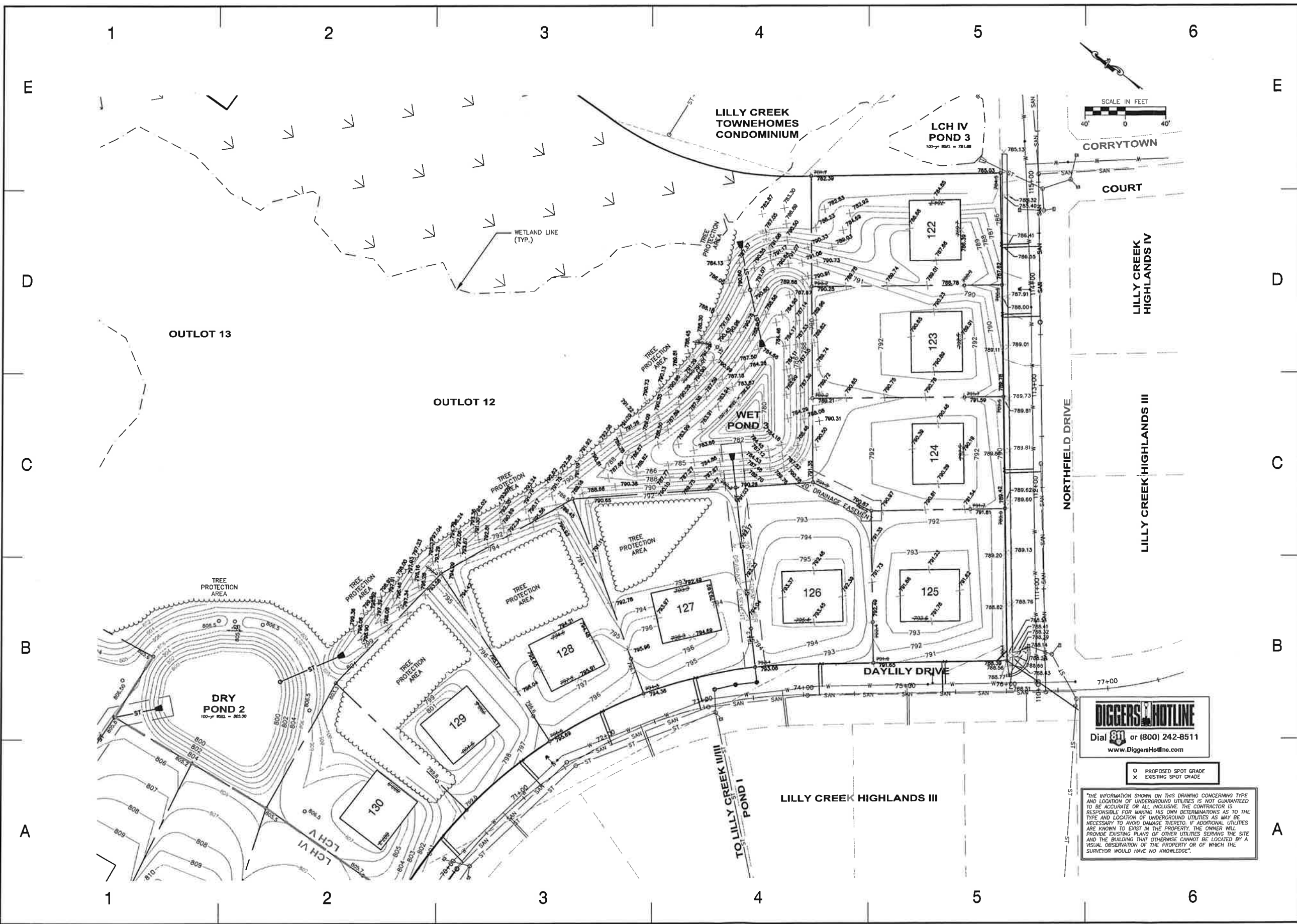
MASTER GRADING PLAN

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Drawing Scale: 1"=40'  
 Drawn: DJS  
 05/24/17  
 Checked: CTD  
 05/24/17  
 GSC Project No: 488-16  
 Sheet No:

C-3

Feb 02, 2018 - 12:34pm  
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 05/24/17  
 OGC Project No: 488-16  
 Sheet No.

**C-4**

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| DATE        | 1/4/18 |
| REVISIONS   |        |
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| DESCRIPTION |        |



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19435 W. CAPITOL DRIVE  
SUITE 105  
BROOKFIELD, WI 53045  
(262) 781-8000  
(262) 781-9006 (FAX)  
www.onesourceconsult.com

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BURBACH COMPANY  
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CONSTRUCTION DETAILS

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Drawn: DJS  
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05/24/17  
DSC Project No: 488-16  
Sheet No:

**C-19**

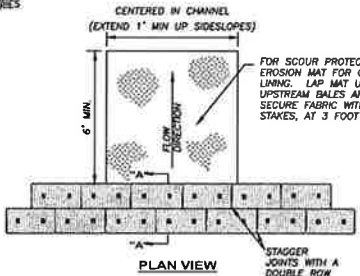
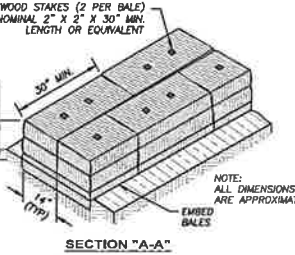
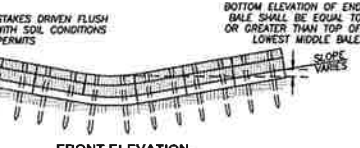
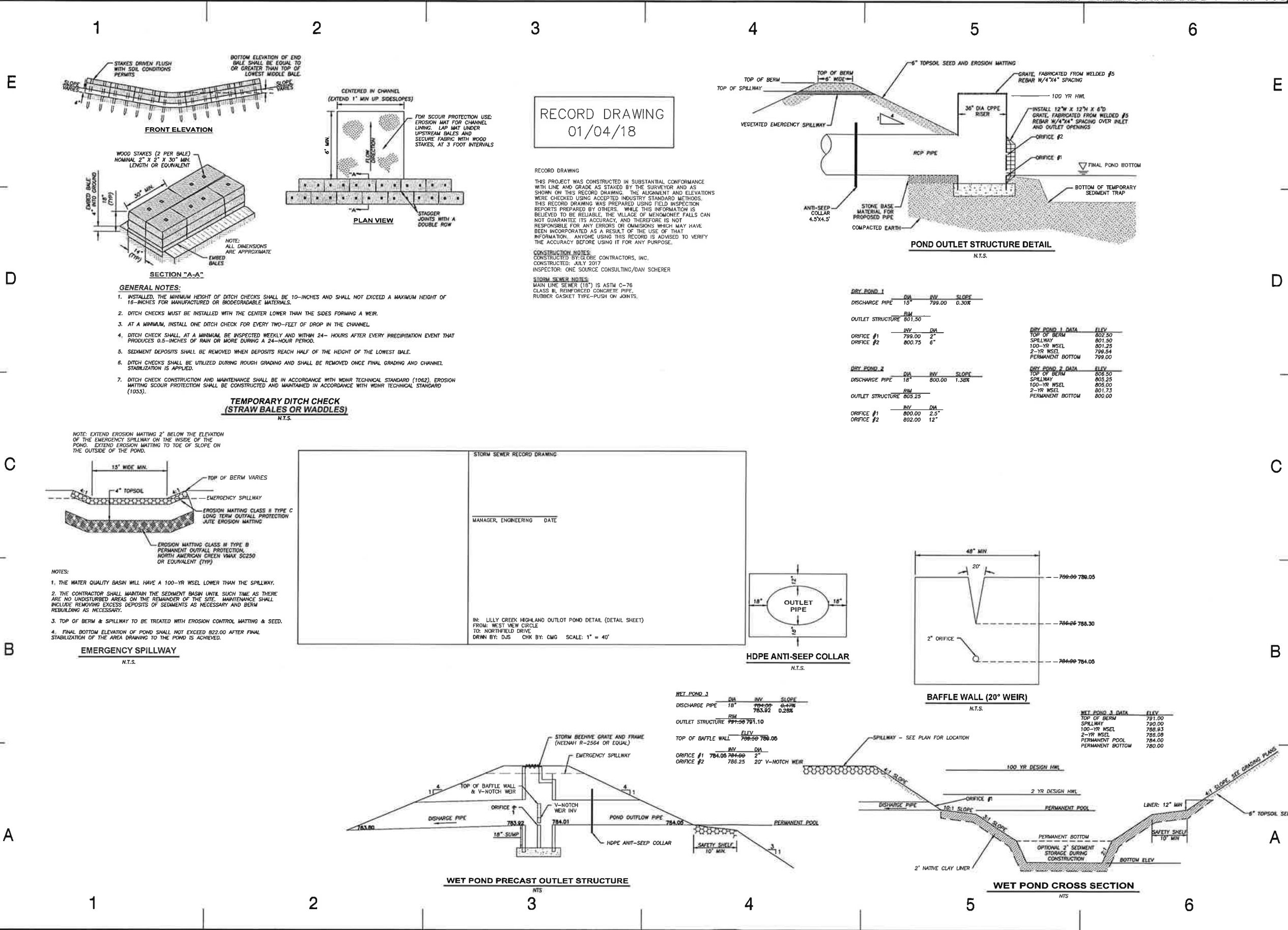
U-1064

RECORD DRAWING  
01/04/18

RECORD DRAWING  
THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH LINE AND GRADE AS STAKED BY THE SURVEYOR AND AS SHOWN ON THIS RECORD DRAWING. THE ALIGNMENT AND ELEVATIONS WERE CHECKED USING ACCEPTED INDUSTRY STANDARD METHODS. THIS RECORD DRAWING WAS PREPARED USING FIELD INSPECTION REPORTS PREPARED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE VILLAGE OF MENOMONEE FALLS CANNOT GUARANTEE ITS ACCURACY, AND THEREFORE IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED AS A RESULT OF THE USE OF THAT INFORMATION. ANYONE USING THIS RECORD IS ADVISED TO VERIFY THE ACCURACY BEFORE USING IT FOR ANY PURPOSE.

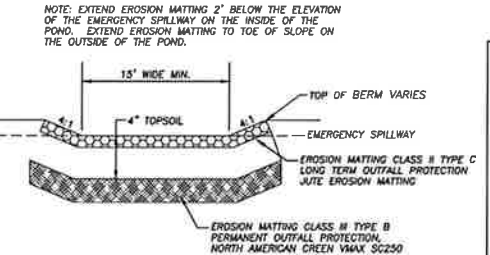
CONSTRUCTION NOTES:  
CONSTRUCTED BY: GLOBE CONTRACTORS, INC.  
CONSTRUCTED: JULY 2017  
INSPECTOR: ONE SOURCE CONSULTING/DAN SCHERER

STORM SEWER NOTES:  
MAIN LINE SEWER (18") IS ASTM C-76 CLASS III, REINFORCED CONCRETE PIPE, RUBBER GASKET TYPE-PUSH ON JOINTS.



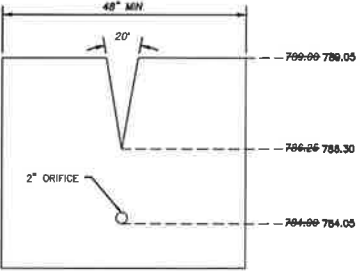
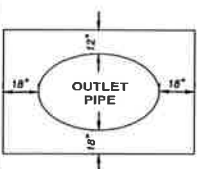
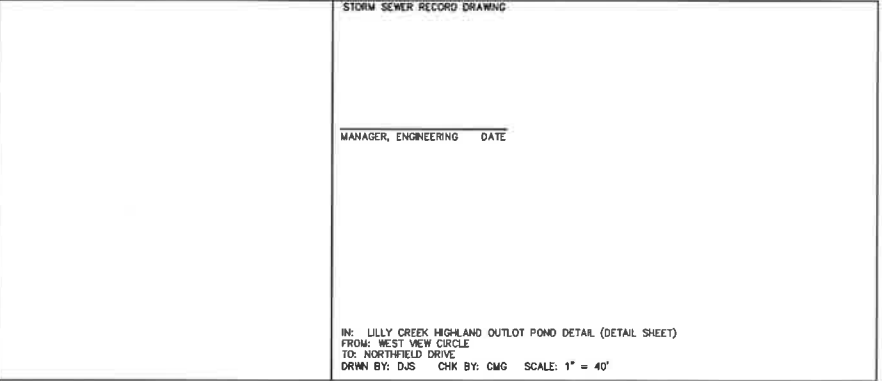
- GENERAL NOTES:**
1. INSTALLED, THE MINIMUM HEIGHT OF DITCH CHECKS SHALL BE 10-INCHES AND SHALL NOT EXCEED A MAXIMUM HEIGHT OF 16-INCHES FOR MANUFACTURED OR BIODEGRADABLE MATERIALS.
  2. DITCH CHECKS MUST BE INSTALLED WITH THE CENTER LOWER THAN THE SIDES FORMING A WEIR.
  3. AT A MINIMUM, INSTALL ONE DITCH CHECK FOR EVERY TWO-FEET OF DROP IN THE CHANNEL.
  4. DITCH CHECK SHALL, AT A MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24- HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5-INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
  5. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS REACH HALF OF THE HEIGHT OF THE LOWEST BAILE.
  6. DITCH CHECKS SHALL BE UTILIZED DURING ROUGH GRADING AND SHALL BE REMOVED ONCE FINAL GRADING AND CHANNEL STABILIZATION IS APPLIED.
  7. DITCH CHECK CONSTRUCTION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD (1062). EROSION MATTING SCOUR PROTECTION SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD (1053).

**TEMPORARY DITCH CHECK (STRAW BALES OR WADDLES)**  
N.T.S.



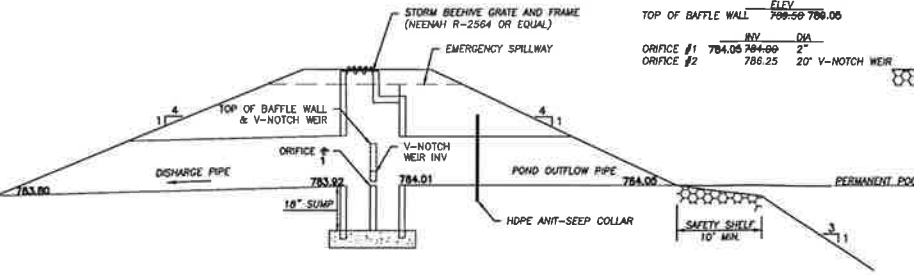
- NOTES:**
1. THE WATER QUALITY BASIN WILL HAVE A 100-YR WSEL LOWER THAN THE SPILLWAY.
  2. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT BASIN UNTIL SUCH TIME AS THERE ARE NO UNDISTURBED AREAS ON THE REMAINDER OF THE SITE. MAINTENANCE SHALL INCLUDE REMOVING EXCESS DEPOSITS OF SEDIMENTS AS NECESSARY AND BERM REBUILDING AS NECESSARY.
  3. TOP OF BERM & SPILLWAY TO BE TREATED WITH EROSION CONTROL MATTING & SEED.
  4. FINAL BOTTOM ELEVATION OF POND SHALL NOT EXCEED 822.00 AFTER FINAL STABILIZATION OF THE AREA DRAINING TO THE POND IS ACHIEVED.

**EMERGENCY SPILLWAY**  
N.T.S.



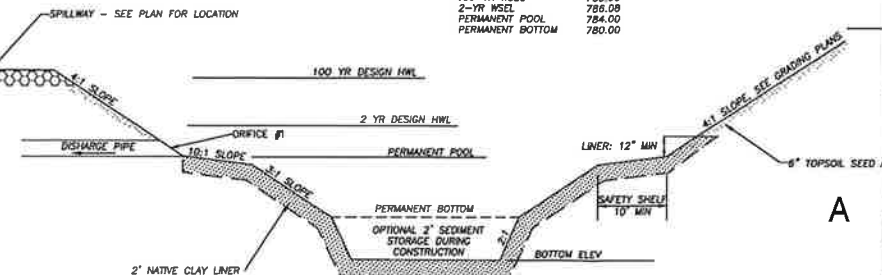
**WET POND 3**

| DIA                | INV    | SLOPE |
|--------------------|--------|-------|
| DISCHARGE PIPE 18" | 784.00 | 0.40% |
| OUTLET STRUCTURE   | 783.92 | 0.20% |



**WET POND 3 DATA**

| ELEV             |        |
|------------------|--------|
| TOP OF BERM      | 791.00 |
| SPILLWAY         | 790.00 |
| 100-YR WSEL      | 788.83 |
| 2-YR WSEL        | 786.09 |
| PERMANENT POOL   | 784.00 |
| PERMANENT BOTTOM | 780.00 |



Jan 05, 2018 - 1:33pm  
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