

**EXISTING INFILTRATION BASIN 5**  
 TOP OF BERM=1033.5  
 SPILWAY=1032.5  
 BOTTOM=1027.1  
 100-YR.-1032.12

**INFILTRATION BASIN 6**  
 TOP OF BERM=1046.0  
 SPILWAY=1045.0  
 BOTTOM=1041.0  
 100-YR.-1044.75

**WET POND 7**  
 TOP OF BERM=1049.0  
 SPILLWAY=1048.0  
 N.W.L.-1045.0  
 BOTTOM=1040.0  
 100-YR.-1046.75

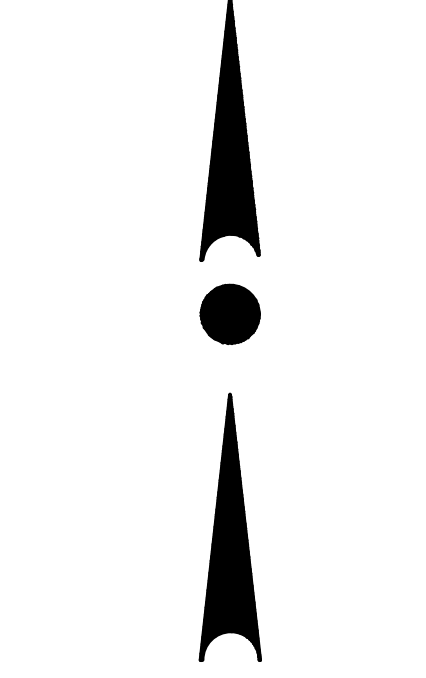
**AINSWORTH ROAD**

EXISTING 15" CMP CULVERT I.E. 1026.58

INDICATES EXISTING TREE LINE (TO REMAIN)

**EXISTING INFILTRATION BASIN 8**  
 TOP OF BERM=1033.5  
 SPILWAY=1032.5  
 BOTTOM=1028.0  
 100-YR.-1031.85

INDICATES WETLAND BOUNDARY

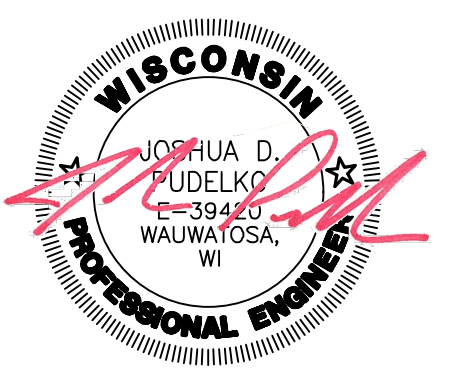


SCALE: 1" = 40' (22"x34")  
 SCALE: 1" = 80' (11"x17")

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.  
**CALL DIGGERS HOTLINE 1-800-242-8511**

**NOTE:** EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.

**BASEMENT ELEVATION NOTE:**  
 BASEMENT FLOOR SURFACE SHALL NOT BE DEEPER THAN DEPTH NOTED ON TABLE ON C1.00 DUE TO THE POTENTIAL FOR HIGH GROUNDWATER. HOWEVER, IF ANY PORTION OF THE PROPOSED BASEMENT FLOOR IS LESS THAN ONE FOOT ABOVE THE HIGHEST GROUNDWATER TABLE, A GRAVITY DRAIN SYSTEM AND SUITABLE OUTLET IS REQUIRED.



4100 N. CALHOUN ROAD, SUITE 300  
 BROOKFIELD, WI 53005  
 PHONE: (262) 790-1480  
 FAX: (262) 790-1481  
 EMAIL: info@trioeng.com

**PROJECT:**  
 THE PRESERVE AT HARVEST RIDGE - PHASE 3  
 SINGLE FAMILY CONSERVATION SUBDIVISION  
 TOWN OF LISBON, WISCONSIN  
 BY: NEUMANN DEVELOPMENTS, INC.  
 N27W24025 PAUL COURT, SUITE 100  
 PEWAUKEE, WI 53072

REVISION HISTORY	
DATE	DESCRIPTION
01/07/2022	INITIAL SUBMITTAL
03/17/2022	PER TOWN REVIEW
04/11/2022	PER COUNTY REVIEW
05/10/2022	PAD EXPOSURES

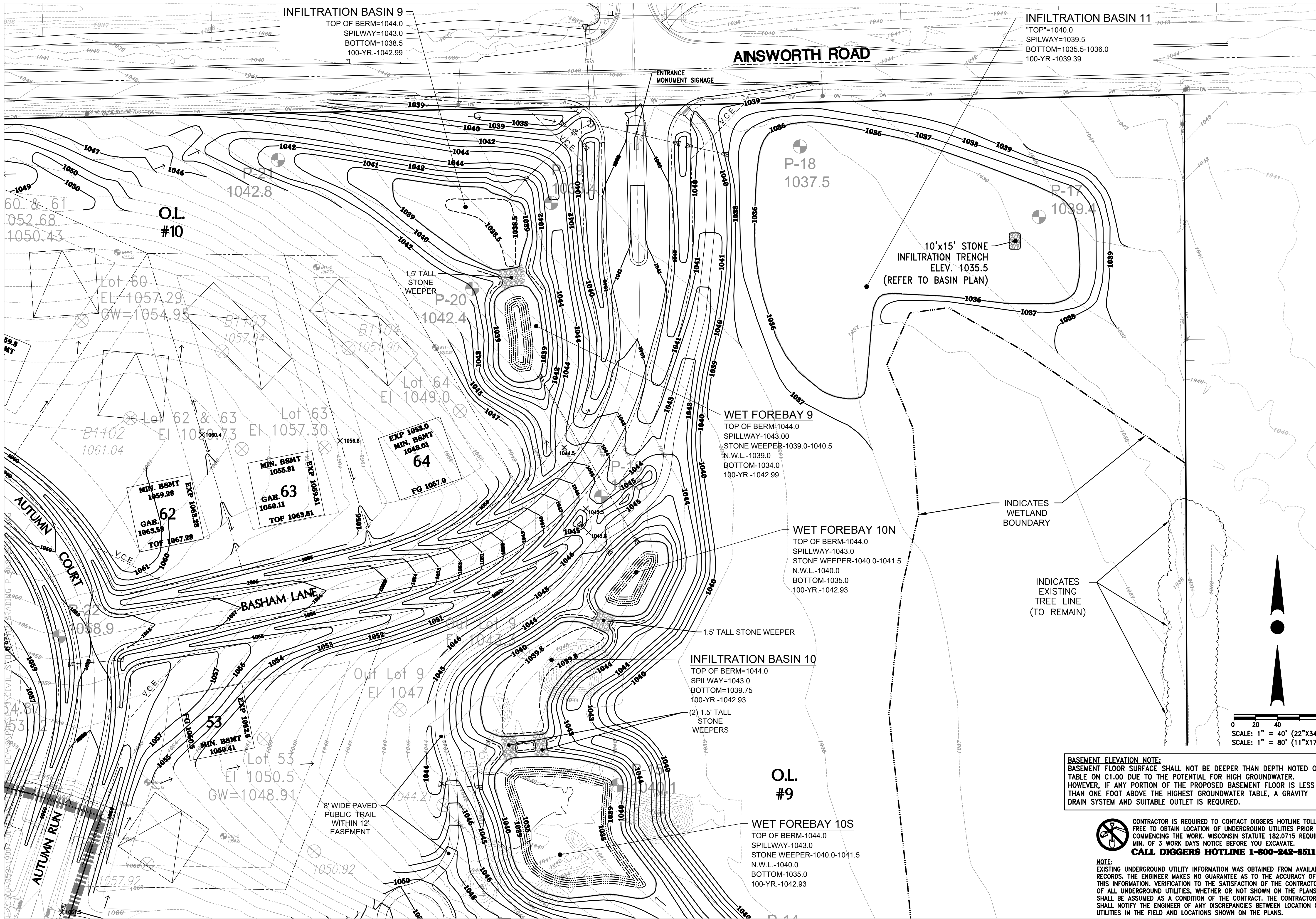
**DATE:**  
 MAY 10, 2022

**JOB NUMBER:**  
 19007

**DESCRIPTION:**  
 GRADING & DRAINAGE PLAN

**SHEET**

**C1.1**



**INFILTRATION BASIN 9**  
 TOP OF BERM=1044.0  
 SPILLWAY=1043.0  
 BOTTOM=1038.5  
 100-YR.-1042.99

**INFILTRATION BASIN 11**  
 "TOP"=1040.0  
 SPILLWAY=1039.5  
 BOTTOM=1035.5-1036.0  
 100-YR.-1039.39

**AINSWORTH ROAD**

**O.L. #10**

**O.L. #9**

8' WIDE PAVED PUBLIC TRAIL WITHIN 12' EASEMENT

10'x15' STONE INFILTRATION TRENCH  
 ELEV. 1035.5  
 (REFER TO BASIN PLAN)

**WET FOREBAY 9**  
 TOP OF BERM=1044.0  
 SPILLWAY=1043.00  
 STONE WEEPER=1039.0-1040.5  
 N.W.L.-1039.0  
 BOTTOM=1034.0  
 100-YR.-1042.99

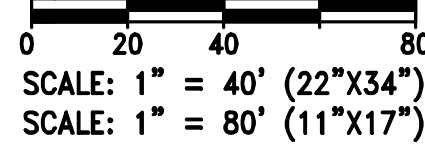
**WET FOREBAY 10N**  
 TOP OF BERM=1044.0  
 SPILLWAY=1043.0  
 STONE WEEPER=1040.0-1041.5  
 N.W.L.-1040.0  
 BOTTOM=1035.0  
 100-YR.-1042.93

**INFILTRATION BASIN 10**  
 TOP OF BERM=1044.0  
 SPILLWAY=1043.0  
 BOTTOM=1039.75  
 100-YR.-1042.93

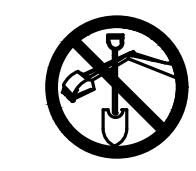
**WET FOREBAY 10S**  
 TOP OF BERM=1044.0  
 SPILLWAY=1043.0  
 STONE WEEPER=1040.0-1041.5  
 N.W.L.-1040.0  
 BOTTOM=1035.0  
 100-YR.-1042.93

INDICATES WETLAND BOUNDARY

INDICATES EXISTING TREE LINE (TO REMAIN)

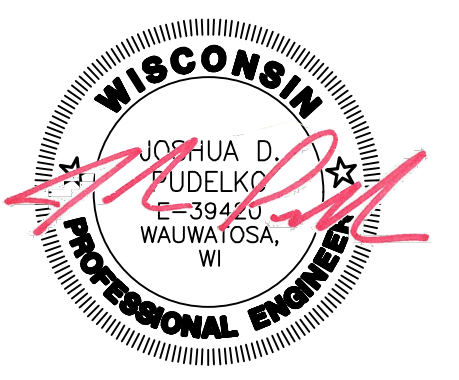


**BASEMENT ELEVATION NOTE:**  
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**PROJECT:**  
 THE PRESERVE AT HARVEST RIDGE - PHASE 3  
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 TOWN OF LISBON, WISCONSIN  
 BY: NEUMANN DEVELOPMENTS, INC.  
 N27W24025 PAUL COURT, SUITE 100  
 PEWAUKEE, WI 53072

REVISION HISTORY	
DATE	DESCRIPTION
01/07/2022	INITIAL SUBMITTAL
03/17/2022	PER TOWN REVIEW
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05/10/2022	PAD EXPOSURES

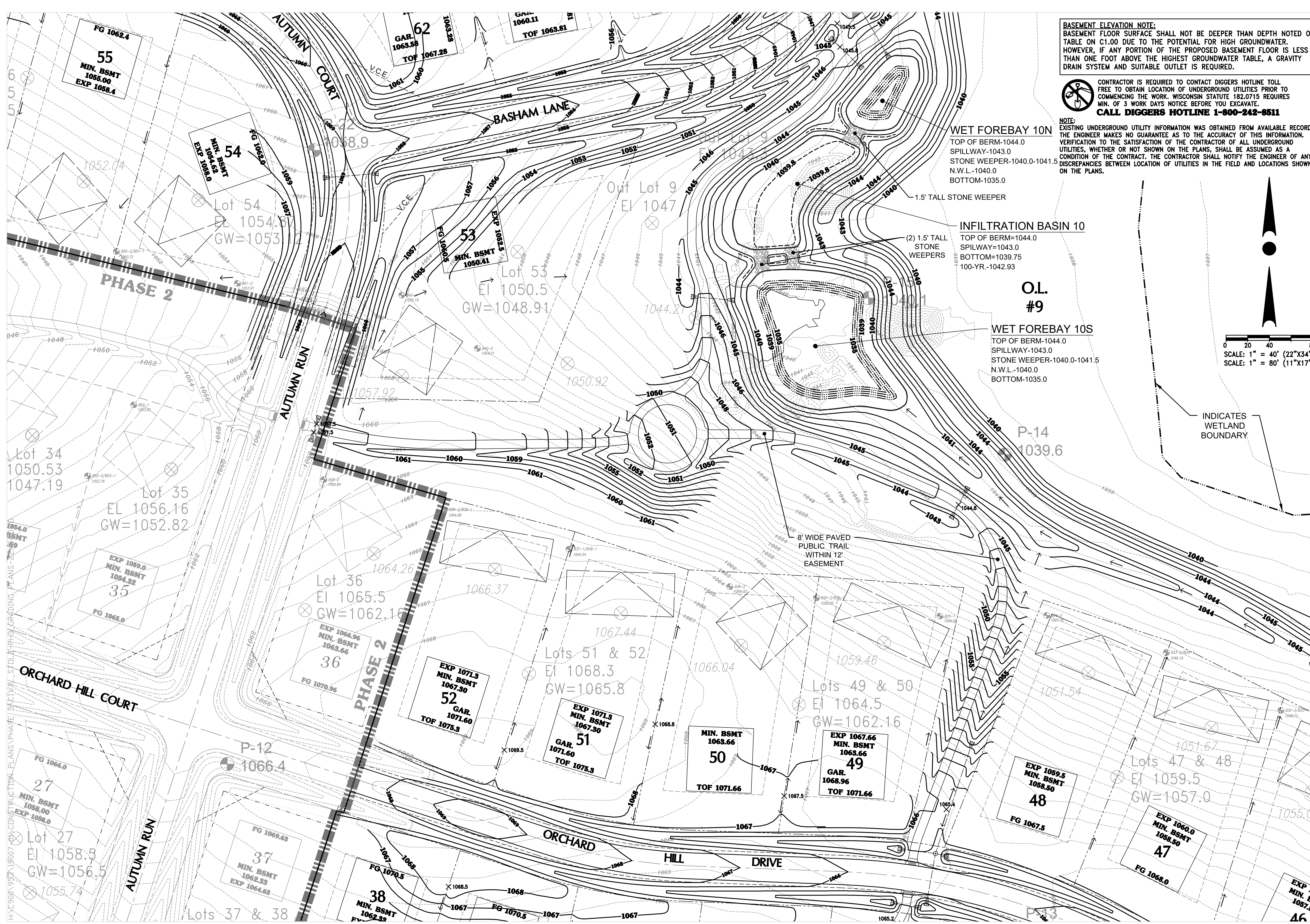
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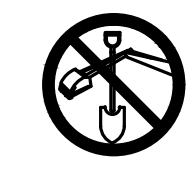
**DESCRIPTION:**  
 GRADING & DRAINAGE PLAN

**SHEET**

**C1.2**



**BASEMENT ELEVATION NOTE:**  
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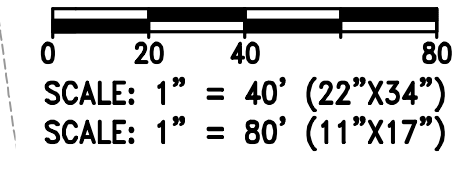
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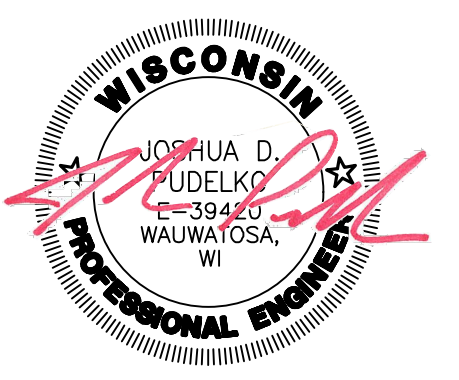
**WET FOREBAY 10N**  
 TOP OF BERM-1044.0  
 SPILLWAY-1043.0  
 STONE WEEPER-1040.0-1041.5  
 N.W.L.-1040.0  
 BOTTOM-1035.0

**INFILTRATION BASIN 10**  
 TOP OF BERM=1044.0  
 SPILLWAY=1043.0  
 BOTTOM=1039.75  
 100-YR.-1042.93

**O.L. #9**  
**WET FOREBAY 10S**  
 TOP OF BERM-1044.0  
 SPILLWAY-1043.0  
 STONE WEEPER-1040.0-1041.5  
 N.W.L.-1040.0  
 BOTTOM-1035.0



INDICATES WETLAND BOUNDARY



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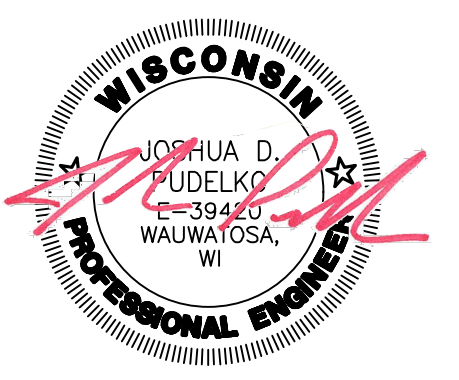
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**DATE:**  
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**JOB NUMBER:**  
 19007

**DESCRIPTION:**  
 GRADING & DRAINAGE PLAN

**SHEET**  
**C1.3**



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**PROJECT:**  
**THE PRESERVE AT HARVEST RIDGE - PHASE 3**  
**SINGLE FAMILY CONSERVATION SUBDIVISION**  
**TOWN OF LISBON, WISCONSIN**  
**BY: NEUMANN DEVELOPMENTS, INC.**  
**N27W24025 PAUL COURT, SUITE 100**  
**PEWAUKEE, WI 53072**

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05/10/2022	PAD EXPOSURES

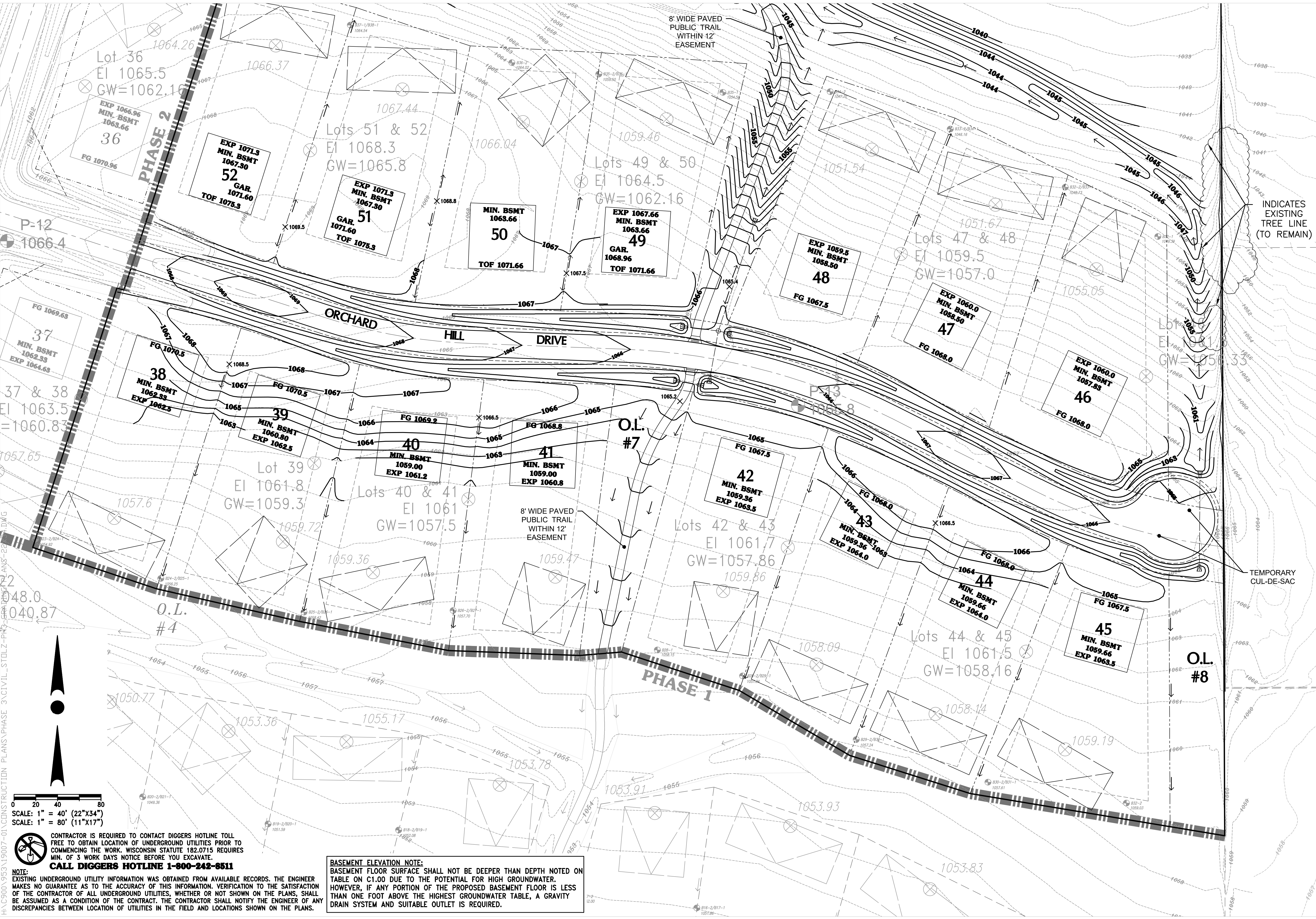
**DATE:**  
MAY 10, 2022

**JOB NUMBER:**  
19007

**DESCRIPTION:**  
GRADING &  
DRAINAGE PLAN

**SHEET**

**C1.4**



**BASEMENT ELEVATION NOTE:**  
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H:\C9000\953\19007-01\CONSTRUCTION PLANS\PHASE 3\CIVIL-STOLZ-PRO-CRANING-22.DWG  
 2  
 48.0  
 040.87  
 P-12  
 1066.4  
 Lot 36  
 El 1065.5  
 GW=1062.16  
 EXP 1066.96  
 MIN. BSMT 1063.66  
 FG 1070.96  
 36  
 PHASE 2  
 EXP 1071.3  
 MIN. BSMT 1067.30  
 GAR. 1071.60  
 TOF 1075.3  
 52  
 Lots 51 & 52  
 El 1068.3  
 GW=1065.8  
 EXP 1071.3  
 MIN. BSMT 1067.30  
 GAR. 1071.60  
 TOF 1075.3  
 51  
 MIN. BSMT 1063.66  
 TOF 1071.66  
 50  
 Lots 49 & 50  
 El 1064.5  
 GW=1062.16  
 EXP 1067.66  
 MIN. BSMT 1063.66  
 GAR. 1068.96  
 TOF 1071.66  
 49  
 EXP 1059.5  
 MIN. BSMT 1058.50  
 FG 1067.5  
 48  
 Lots 47 & 48  
 El 1059.5  
 GW=1057.0  
 EXP 1060.0  
 MIN. BSMT 1058.50  
 FG 1068.0  
 47  
 EXP 1060.0  
 MIN. BSMT 1057.83  
 FG 1068.0  
 46  
 Lot 37 & 38  
 El 1063.5  
 GW=1060.83  
 FG 1069.68  
 MIN. BSMT 1062.33  
 EXP 1064.63  
 37  
 FG 1070.5  
 38  
 MIN. BSMT 1062.33  
 EXP 1062.3  
 39  
 MIN. BSMT 1060.80  
 EXP 1062.5  
 Lot 39  
 El 1061.8  
 GW=1059.3  
 MIN. BSMT 1059.00  
 EXP 1061.2  
 40  
 Lots 40 & 41  
 El 1061  
 GW=1057.5  
 MIN. BSMT 1059.00  
 EXP 1060.8  
 41  
 8' WIDE PAVED PUBLIC TRAIL WITHIN 12' EASEMENT  
 O.L. #7  
 FG 1067.5  
 42  
 MIN. BSMT 1059.36  
 EXP 1063.5  
 Lots 42 & 43  
 El 1061.7  
 GW=1057.86  
 MIN. BSMT 1059.36  
 EXP 1064.0  
 43  
 FG 1068.0  
 44  
 MIN. BSMT 1059.66  
 EXP 1064.0  
 Lots 44 & 45  
 El 1061.5  
 GW=1058.16  
 MIN. BSMT 1059.66  
 EXP 1063.5  
 45  
 O.L. #8  
 O.L. #4  
 PHASE 1  
 8' WIDE PAVED PUBLIC TRAIL WITHIN 12' EASEMENT  
 INDICATES EXISTING TREE LINE (TO REMAIN)  
 TEMPORARY CUL-DE-SAC  
 SCALE: 1" = 40' (22"X34")  
 SCALE: 1" = 80' (11"X17")