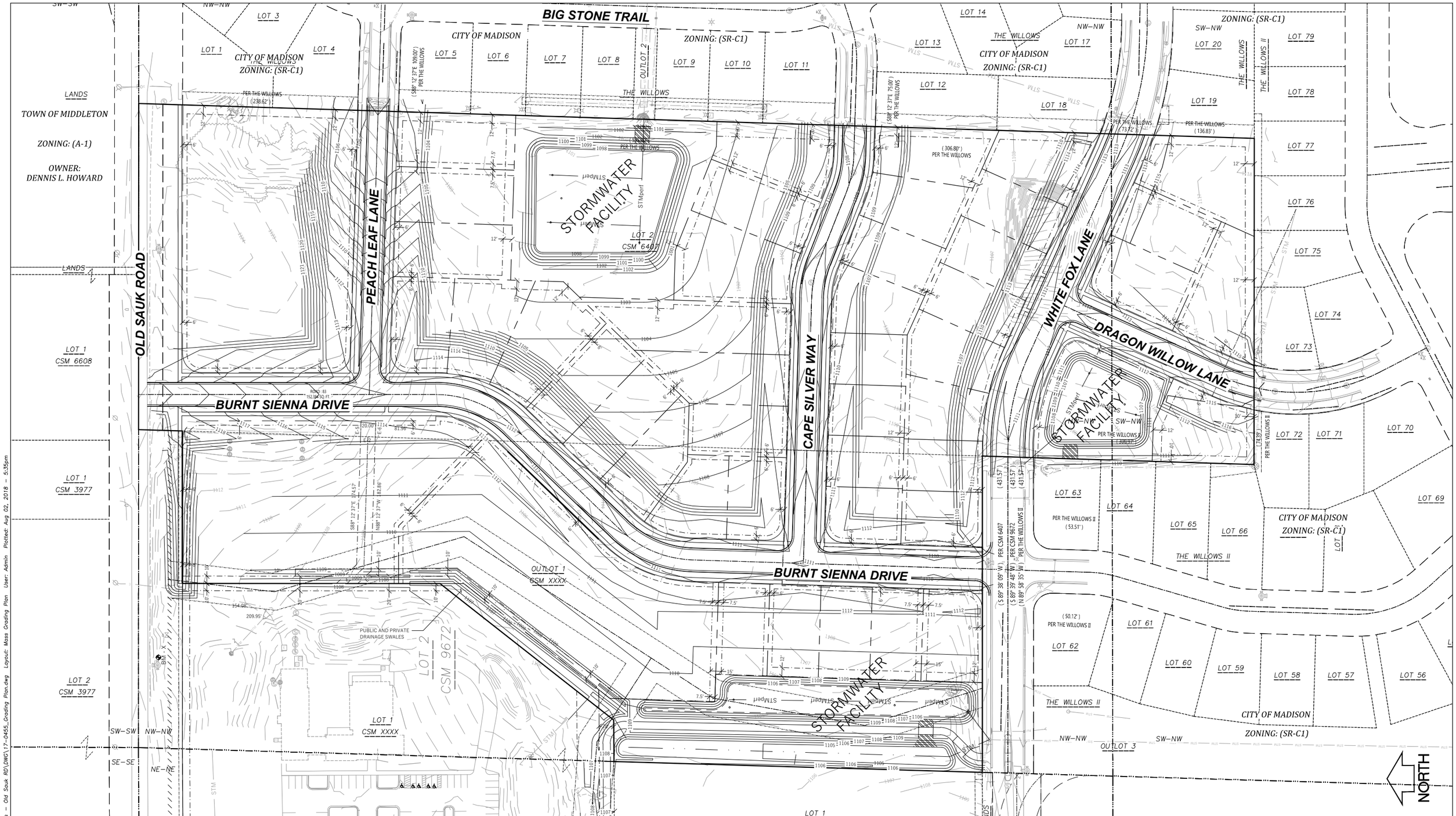


WYSER ENGINEERING

CHAPLE VIEW

CITY OF MADISON, DANE COUNTY, WI

Sheet Title:

OVERALL MASS GRADING PLAN

OLD SAUK ROAD
MADISON, WI 53562

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

Graphic Scale
0' 15' 30' 60' 90'
1" = 120'

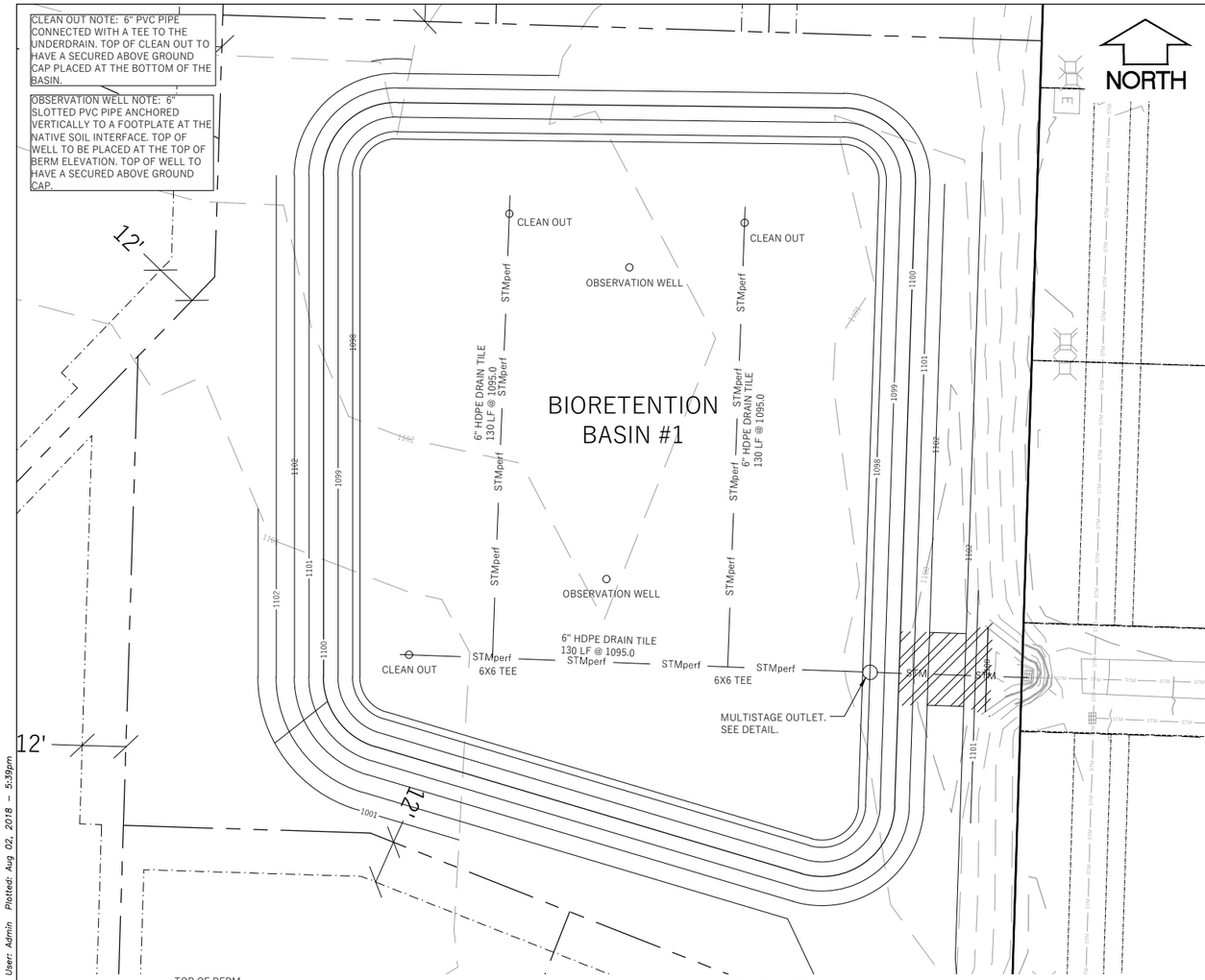
Revisions:		
No.	Date:	Description:

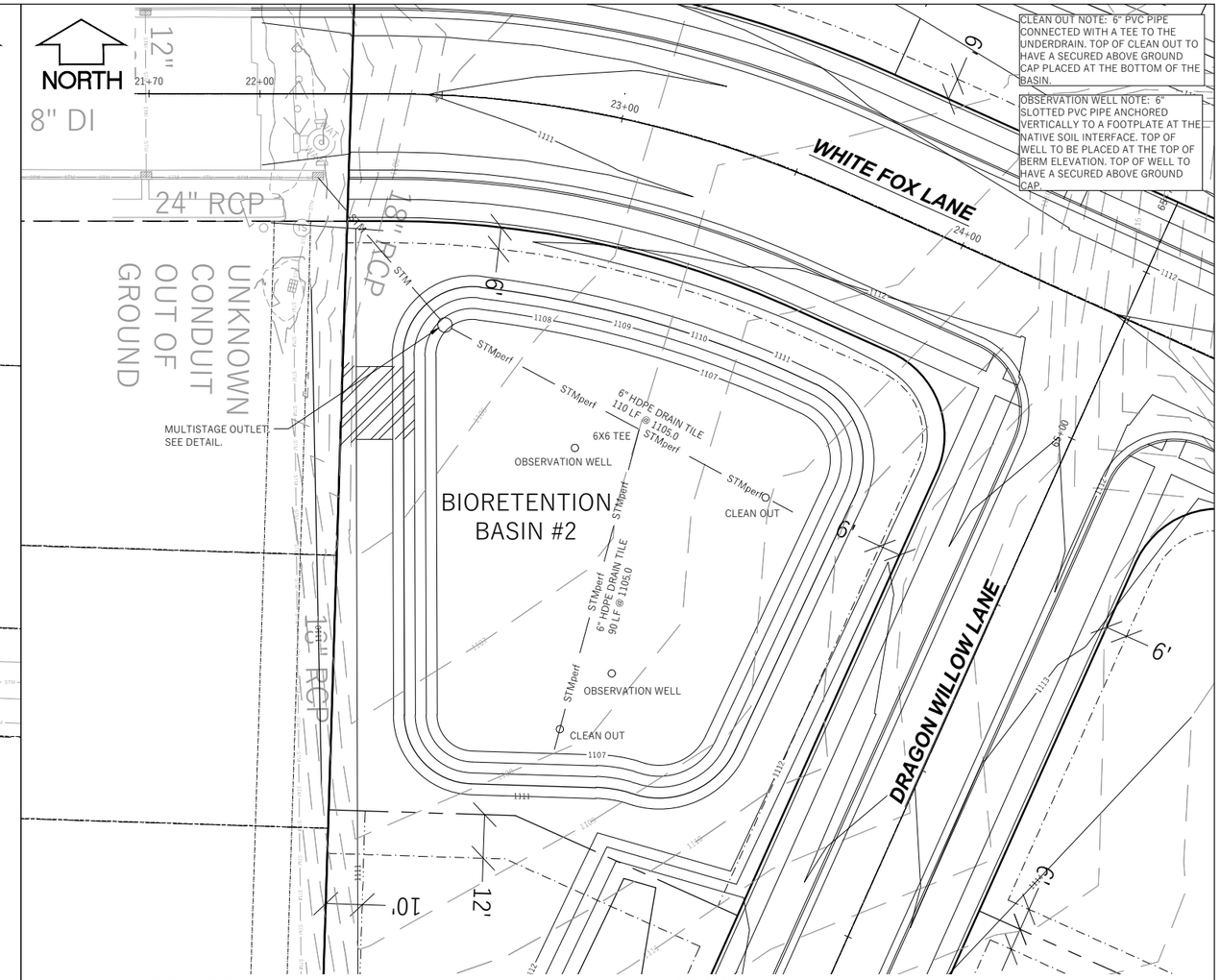
Wyser Number	17-0455
Set Type	REVIEW
Date Issued	08/03/2018
Sheet Number	C100

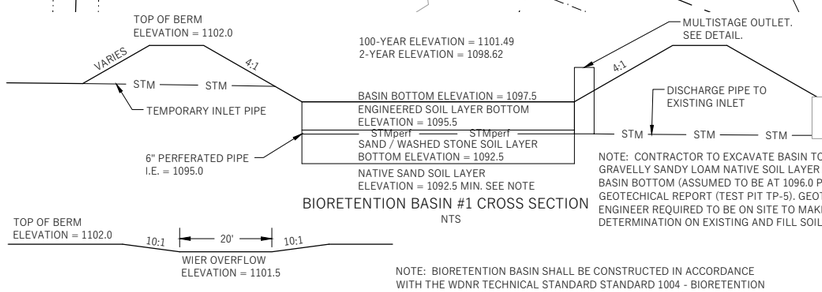
File: W:\2017\170455_Encore Homes - Old Sauk RD\DWG\17-0455_Grading Plan.dwg Layout: Mass Grading Plan User: Admin Plotted: Aug 02, 2018 - 5:35pm

CLEAN OUT NOTE: 6" PVC PIPE CONNECTED WITH A TEE TO THE UNDERDRAIN. TOP OF CLEAN OUT TO HAVE A SECURED ABOVE GROUND CAP PLACED AT THE BOTTOM OF THE BASIN.

OBSERVATION WELL NOTE: 6" SLOTTED PVC PIPE ANCHORED VERTICALLY TO A FOOTPLATE AT THE NATIVE SOIL INTERFACE. TOP OF WELL TO BE PLACED AT THE TOP OF BERM ELEVATION. TOP OF WELL TO HAVE A SECURED ABOVE GROUND CAP.







BIORETENTION BASIN #1 CROSS SECTION
NTS

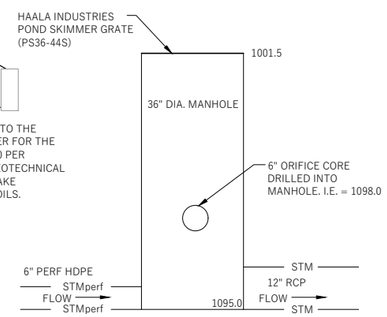
NOTE: CONTRACTOR TO EXCAVATE BASIN TO THE GRAVELLY SANDY LOAM NATIVE SOIL LAYER FOR THE BASIN BOTTOM (ASSUMED TO BE AT 1096.0 PER GEOTECHNICAL REPORT (TEST PIT TP-5). GEOTECHNICAL ENGINEER REQUIRED TO BE ON SITE TO MAKE DETERMINATION ON EXISTING AND FILL SOILS.

NOTE: OVERFLOW SHALL BE REINFORCED WITH TURF REINFORCED MAT (TRM) - CLASS III, TYPE C BY PYRAMAT OR APPROVED EQUAL. TRM SHALL BE INTALLED PER MANUFACTURER'S RECOMMENTDATIONS.

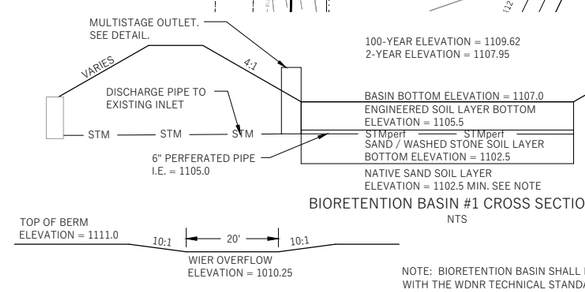
BIORETENTION BASIN #1 OVERFLOW WIER
NTS

NOTE: BIORETENTION BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARD STANDARD 1004 - BIORETENTION BASIN INCLUDING CLEANOUTS AND OBSERVATION WELLS WHERE SHOWN.

NOTE: FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.



BIORETENTION BASIN #1 MULTISTAGE OUTLET
NTS



BIORETENTION BASIN #1 CROSS SECTION
NTS

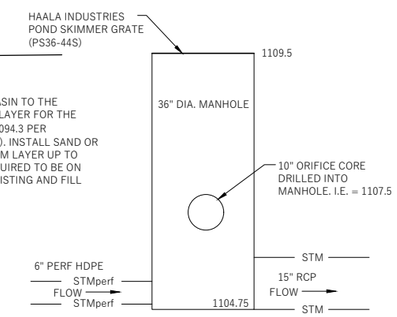
NOTE: CONTRACTOR TO EXCAVATE BASIN TO THE GRAVELLY LOAMY SAND NATIVE SOIL LAYER FOR THE BASIN BOTTOM (ASSUMED TO BE AT 1094.3 PER GEOTECHICAL REPORT (TEST PIT TP-1). INSTALL SAND OR WASHED STONE FROM GRAVELLY LOAM LAYER UP TO 1102.5. GEOTECHNICAL ENGINEER REQUIRED TO BE ON SITE TO MAKE DETERMINATION ON EXISTING AND FILL SOILS.

NOTE: OVERFLOW SHALL BE REINFORCED WITH TURF REINFORCED MAT (TRM) - CLASS III, TYPE C BY PYRAMAT OR APPROVED EQUAL. TRM SHALL BE INTALLED PER MANUFACTURER'S RECOMMENTDATIONS.

BIORETENTION BASIN #2 OVERFLOW WIER
NTS

NOTE: BIORETENTION BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARD STANDARD 1004 - BIORETENTION BASIN INCLUDING CLEANOUTS AND OBSERVATION WELLS WHERE SHOWN.

NOTE: FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.



BIORETENTION BASIN #1 MULTISTAGE OUTLET
NTS

WYSER ENGINEERING

CHAPLE VIEW

CITY OF MADISON, DANE COUNTY, WI

Sheet Title:

STORMWATER MANAGEMENT DETAILS – PHASE I

OLD SAUK ROAD
MADISON, WI 53562

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

Graphic Scale: 0' 5' 10' 20' 30' 1" = 40'

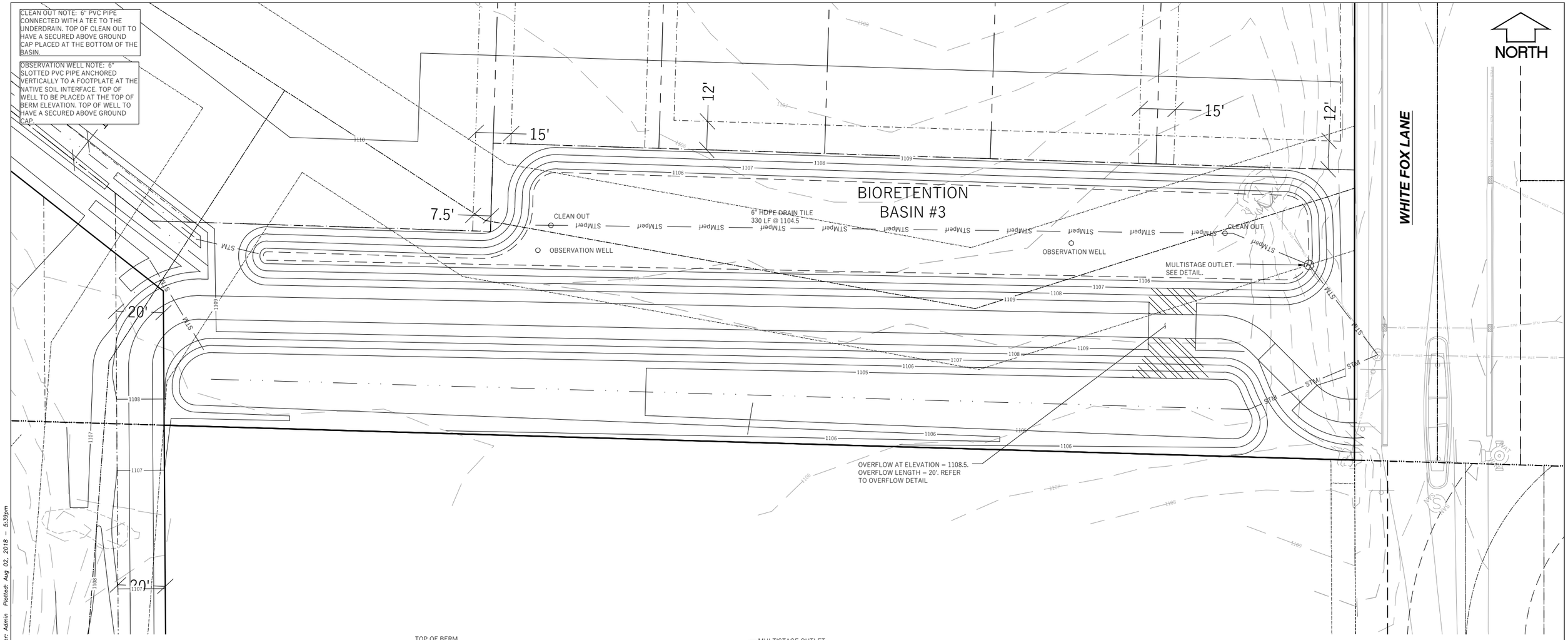
Revisions:		
No.	Date:	Description:

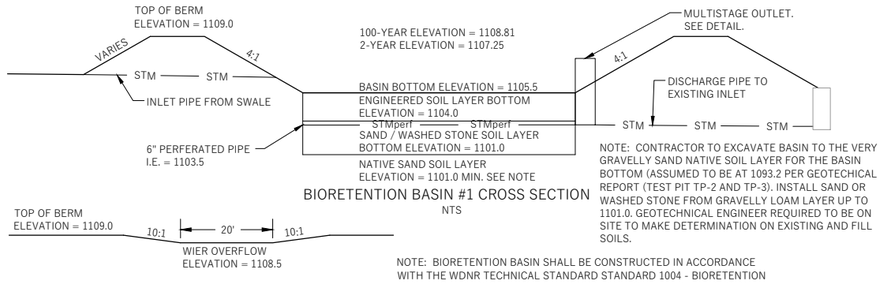
Wyser Number	17–0455
Set Type	REVIEW
Date Issued	08/03/2018
Sheet Number	C300

File: W:\2017\170455_Encore Homes – Old Sauk RD\DWG\17–0455_Grading Plan.dwg Layout: Storm Details–PhI User: Admin Plotted: Aug 02, 2018 – 5:39pm

CLEAN OUT NOTE: 6" PVC PIPE CONNECTED WITH A TEE TO THE UNDERDRAIN. TOP OF CLEAN OUT TO HAVE A SECURED ABOVE GROUND CAP PLACED AT THE BOTTOM OF THE BASIN.

OBSERVATION WELL NOTE: 6" SLOTTED PVC PIPE ANCHORED VERTICALLY TO A FOOTPLATE AT THE NATIVE SOIL INTERFACE. TOP OF WELL TO BE PLACED AT THE TOP OF BERM ELEVATION. TOP OF WELL TO HAVE A SECURED ABOVE GROUND CAP.





BIORETENTION BASIN #1 CROSS SECTION

NTS

NOTE: CONTRACTOR TO EXCAVATE BASIN TO THE VERY GRAVELLY SAND NATIVE SOIL LAYER FOR THE BASIN BOTTOM (ASSUMED TO BE AT 1093.2 PER GEOTECHICAL REPORT (TEST PIT TP-2 AND TP-3). INSTALL SAND OR WASHED STONE FROM GRAVELLY LOAM LAYER UP TO 1101.0. GEOTECHNICAL ENGINEER REQUIRED TO BE ON SITE TO MAKE DETERMINATION ON EXISTING AND FILL SOILS.

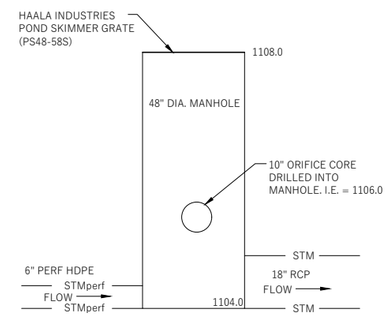
NOTE: BIORETENTION BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARD STANDARD 1004 - BIORETENTION BASIN INCLUDING CLEANOUTS AND OBSERVATION WELLS WHERE SHOWN.

NOTE: FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.

NOTE: OVERFLOW SHALL BE REINFORCED WITH TURF REINFORCED MAT (TRM) - CLASS III, TYPE C BY PYRAMAT OR APPROVED EQUAL. TRM SHALL BE INTALLED PER MANUFACTURER'S RECOMMENTDATIONS.

BIORETENTION BASIN #1
OVERFLOW WIER

NTS



BIORETENTION BASIN #3 MULTISTAGE OUTLET

NTS

WYSER ENGINEERING

CHAPLE VIEW

CITY OF MADISON, DANE COUNTY, WI

Sheet Title:

STORMWATER MANAGEMENT DETAILS – FUTURE

OLD SAUK ROAD
MADISON, WI 53562

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Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

Graphic Scale
0' 5' 10' 20' 30'
1" = 40'

Revisions: No.	Date:	Description:

Wyser Number	17–0455
Set Type	REVIEW
Date Issued	08/03/2018
Sheet Number	C301

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