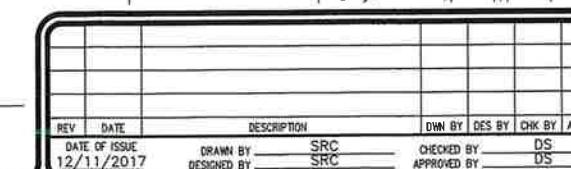


**NOTES:**

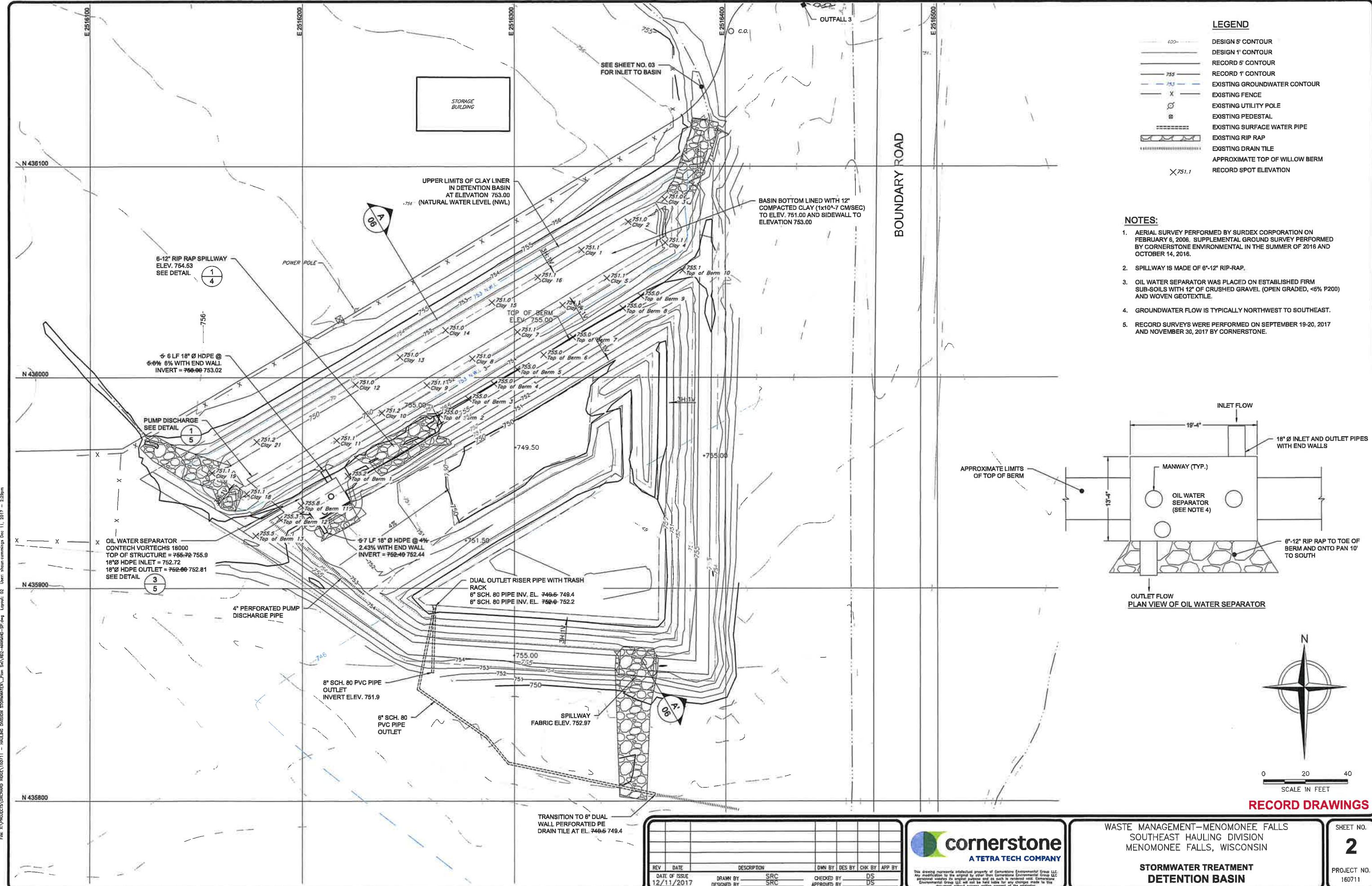
1. AERIAL SURVEY PERFORMED BY SURDEX CORPORATION ON FEBRUARY 6, 2006.
2. GROUND SURVEY PERFORMED BY CORNERSTONE ENVIRONMENTAL IN THE SUMMER OF 2016 AND OCTOBER 14, 2016.
3. WETLAND ASSESSMENT DOCUMENT BY R.A. SMITH NATIONAL; DATED OCTOBER 26, 2015, IDENTIFIED "NO WETLANDS PRESENT WITHIN THE STUDY AREA" WHICH INCORPORATED 1.25 ACRES AND INCLUDED THE SUBJECT AREA IDENTIFIED ON THESE DRAWINGS.

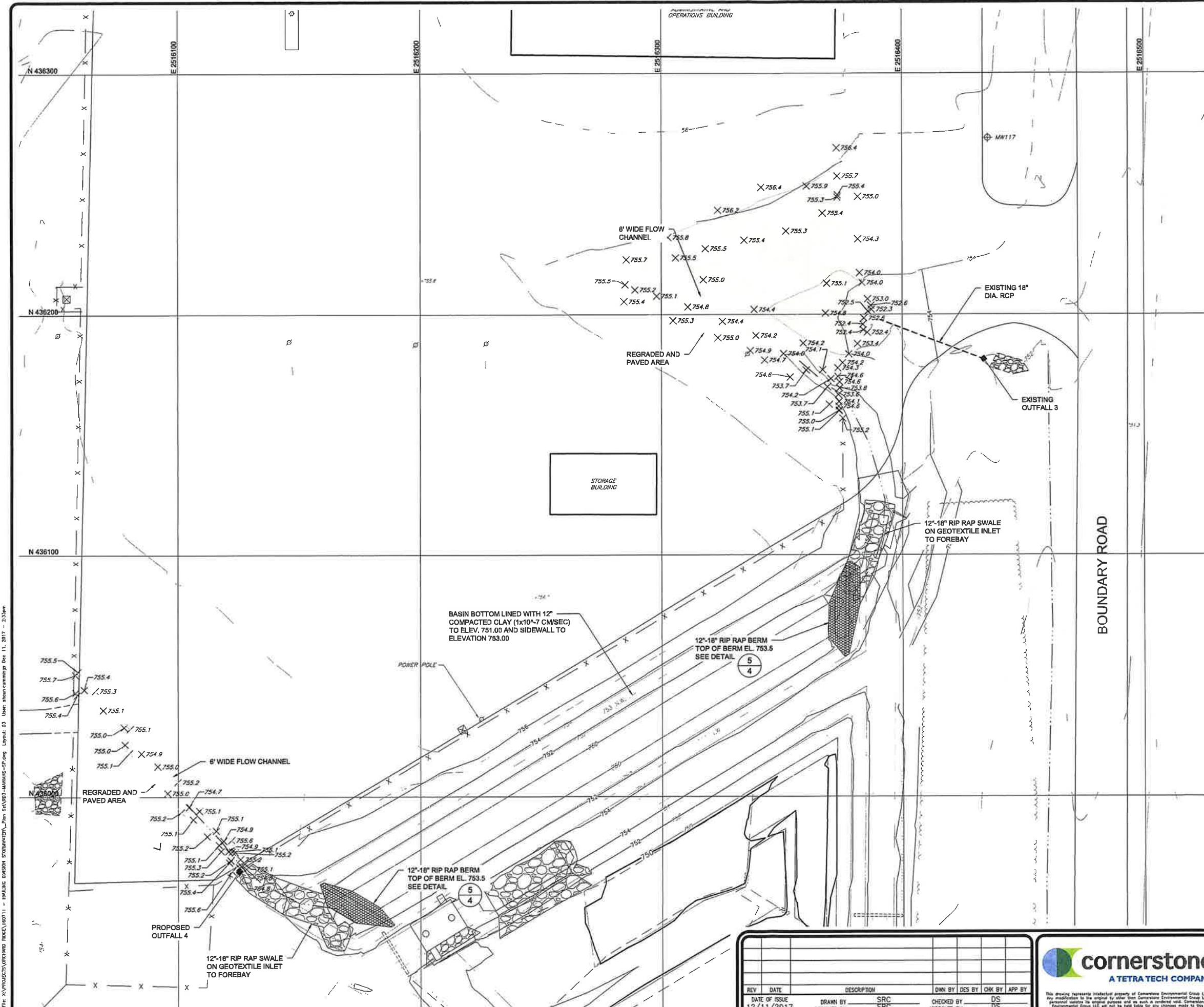


WASTE MANAGEMENT—MENOMONEE FALLS  
SOUTHEAST HAULING DIVISION  
MENOMONEE FALLS, WISCONSIN

## STORMWATER IMPROVEMENTS PRE-CONSTRUCTION CONDITIONS

SHEET NO. 1  
PROJECT NO. 160711





#### LEGEND

— — — — —	PROPERTY BOUNDARY
— — — — —	EXISTING 10' CONTOUR
— — — — —	EXISTING 2' CONTOUR
X — — — —	EXISTING FENCE
~~~~~ — — — —	EXISTING TREE LINE
— — — — —	EXISTING EDGE OF WATER
— — — — —	EXISTING UTILITY POLE
— — — — —	EXISTING PEDESTAL
— — — — —	EXISTING MONITORING WELL
— — — — —	EXISTING CULVERT
— — — — —	EXISTING RIP RAP
○ c.o.	EXISTING SLURRY WALL DRAIN TILE & CLEANOUT
— — — — —	EXISTING SLURRY WALL
— — — — —	RECORD MAJOR CONTOUR
— — — — —	RECORD MINOR CONTOUR
— — — — —	PERIMETER BERM
— — — — —	REGRADED PAVEMENT AREA
— — — — —	CULVERT
X 751.1	RECORD SPOT ELEVATION

#### NOTES:

1. AERIAL SURVEY PERFORMED BY SURDEX CORPORATION ON FEBRUARY 6, 2006.
2. GROUND SURVEY PERFORMED BY CORNERSTONE ENVIRONMENTAL IN THE SUMMER OF 2016 AND OCTOBER 14, 2016.



0 20 40  
SCALE IN FEET

#### RECORD DRAWINGS

REV	DATE	DESCRIPTION	OWN BY	DES BY	CHK BY	APP BY			
DATE OF ISSUE									
12/11/2017									
		DRAWN BY	SRC	DESIGNED BY	SRC	CHECKED BY	DS	APPROVED BY	DS



WASTE MANAGEMENT-MENOMONEE FALLS  
SOUTHEAST HAULING DIVISION  
MENOMONEE FALLS, WISCONSIN

STORMWATER IMPROVEMENTS  
2017 SITE PLAN

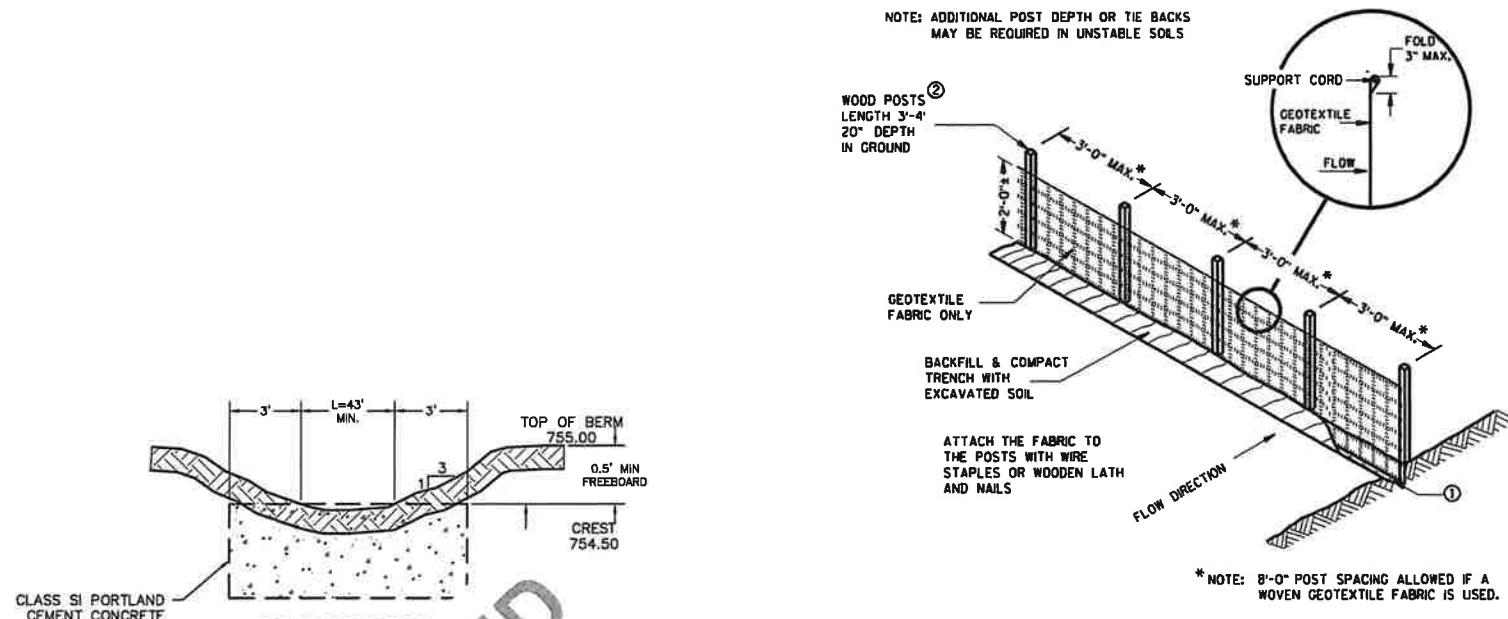
SHEET NO.  
**3**

PROJECT NO.  
160711

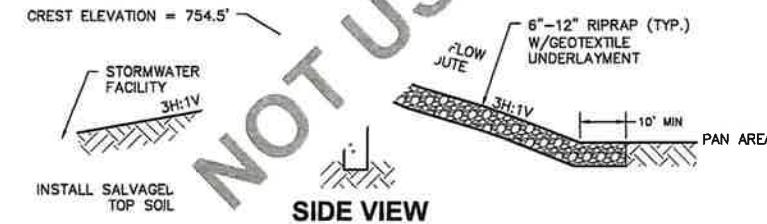
### GENERAL NOTES

- ① TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ② WOOD POSTS SHALL BE A MINIMUM SIZE OF  $1\frac{1}{8}$ " X  $1\frac{1}{8}$ " OF OAK OR HICKORY.
- ③ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.

NOTE: DETAIL IS FROM WISCONSIN DNR CONSERVATION PRACTICE STANDARDS; SILT FENCE (1056).



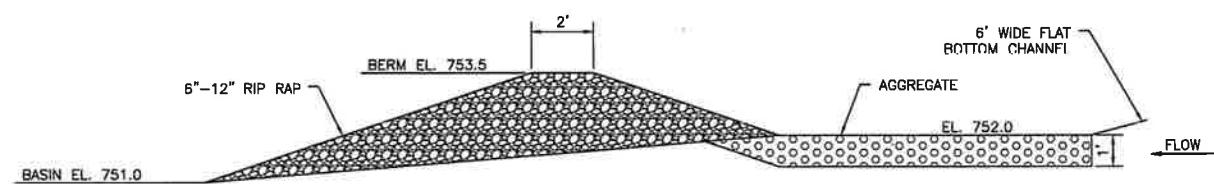
**FRONT VIEW**



**SIDE VIEW**

**CONCRETE OVERFLOW WEIR**

**DETAIL** 1  
SCALE: NOT TO SCALE 4



**RIP RAP BERMS IN DETENTION BASIN**

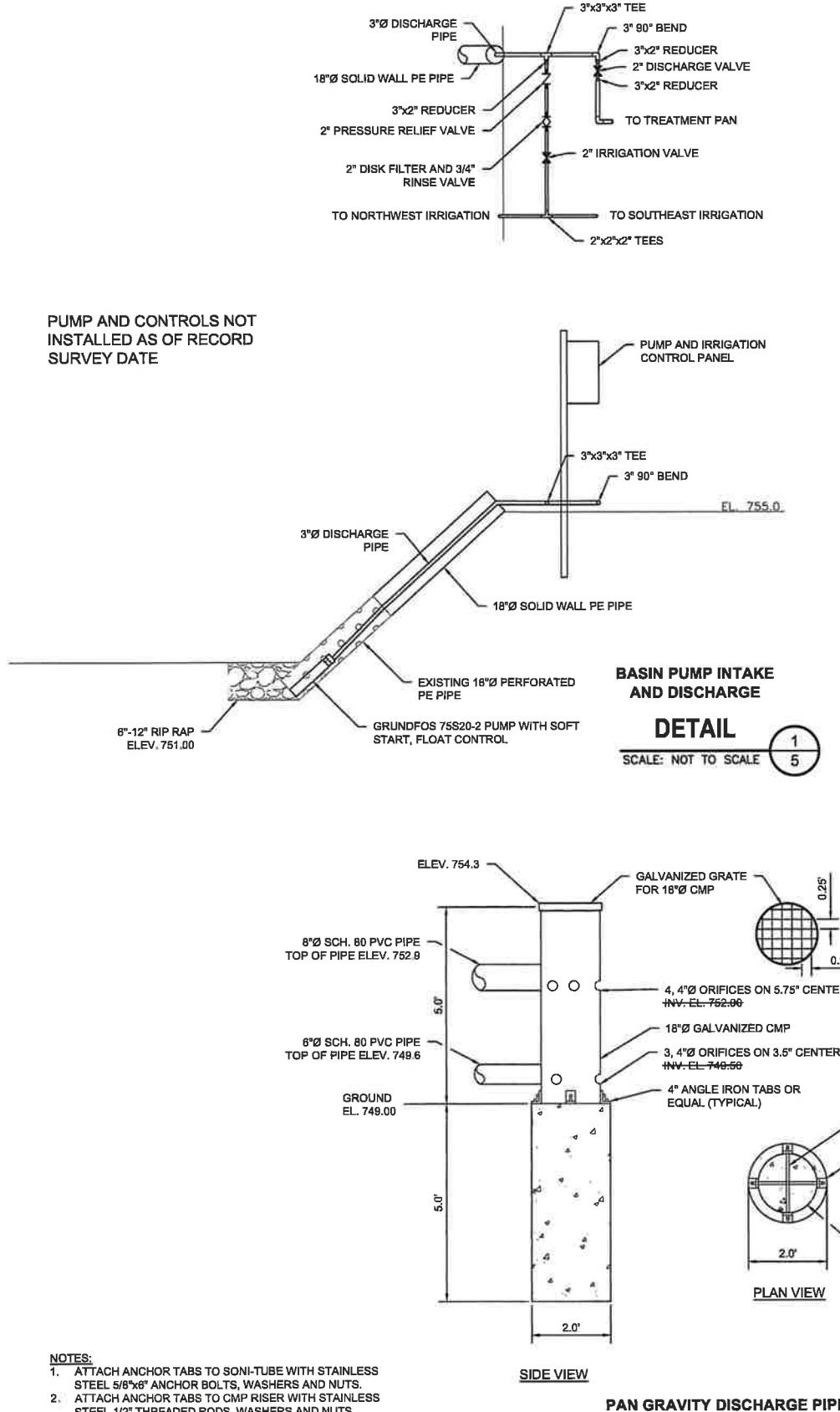
**DETAIL** 5  
SCALE: NOT TO SCALE 4

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DATE OF ISSUE 12/11/2017		SRC	SRC	DS	DS	
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WASTE MANAGEMENT—MENOMONEE FALLS  
SOUTHEAST HAULING DIVISION  
MENOMONEE FALLS, WISCONSIN  
**STORMWATER IMPROVEMENTS DETAILS**

SHEET NO. 4  
PROJECT NO. 160711



DETAIL

SCALE: NOT TO SCALE

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5

BASIN PUMP INTAKE AND DISCHARGE

DETAIL

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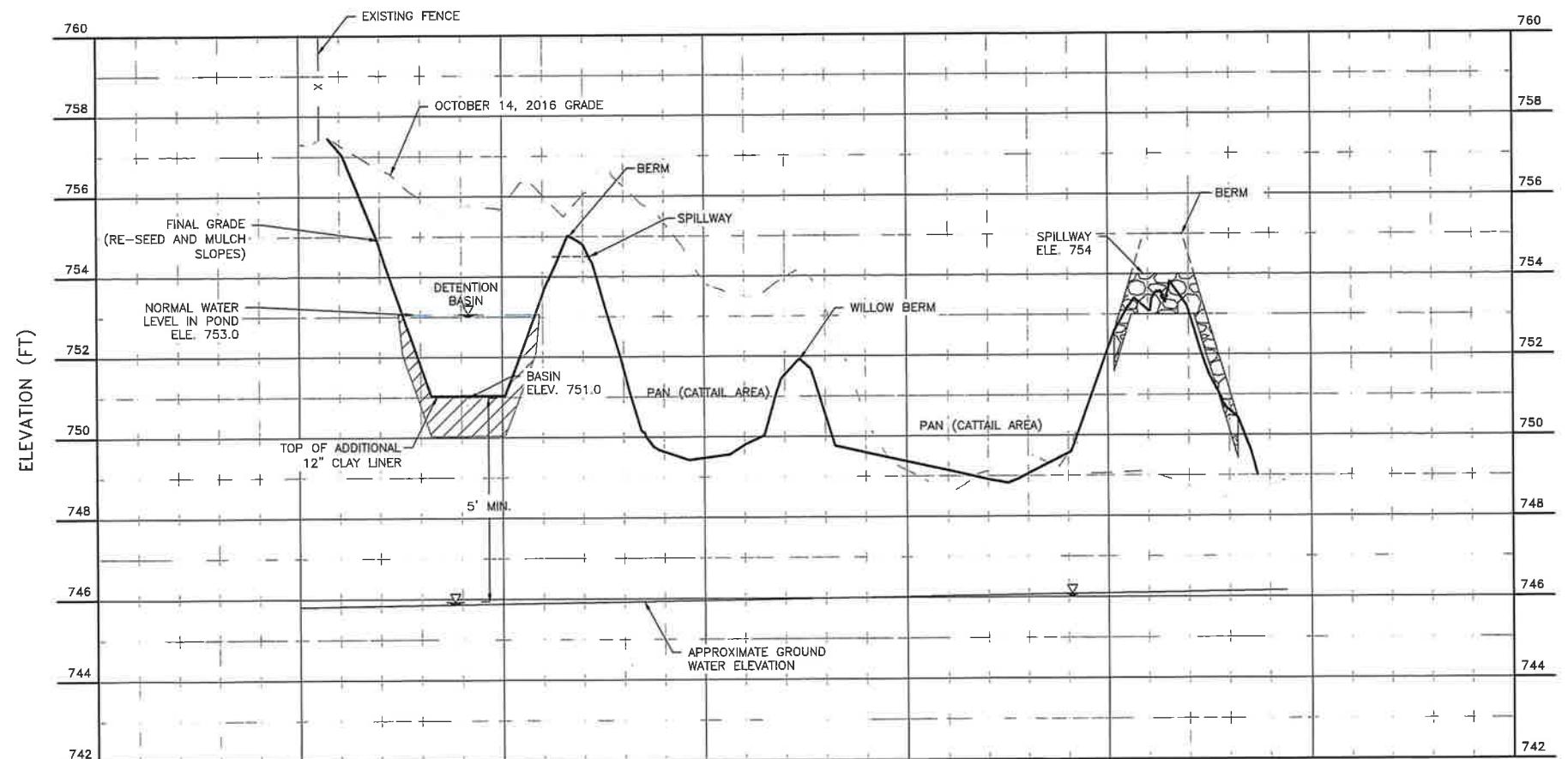
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**LEGEND**
 COMPACTED CLAY ( $1 \times 10^{-7}$  CM/SEC.)
**STORMWATER TREATMENT AND PAN AREA PROFILE****NOTE:**

1. 2016 GROUNDWATER ELEVATIONS OBTAINED FROM WASTE MANAGEMENT MONITORING TECHNICIAN.
2. SPILLWAYS DESIGNED FOR 100 YR/24 HR STORM EVENT.
3. RECORD SURVEYS WERE PERFORMED ON SEPTEMBER 19-20, 2017 AND NOVEMBER 30, 2017 BY CORNERSTONE.



0 20 40  
SCALE IN FEET

**RECORD DRAWINGS**

REV	DATE	DESCRIPTION	DRAWN BY	DES BY	CHK BY	APP BY
DATE OF ISSUE	12/11/2017		DRAWN BY SRC	DES BY SRC	CHK BY DS	APP BY DS
DESIGNED BY			APPROVED BY	DS		



WASTE MANAGEMENT—MENOMONEE FALLS  
SOUTHEAST HAULING DIVISION  
MENOMONEE FALLS, WISCONSIN

STORMWATER TREATMENT  
GROUNDWATER PROFILE VIEW

SHEET NO.  
**6**  
PROJECT NO.  
160711