

AI # 74195  
GMP20200001

RECEIVED  
JUN 22 2020

MAJOR MODIFICATION FORM  
FOR LARGE CONSTRUCTION GENERAL PERMIT  
Coverage No. MSR10 7797 County Desoto



INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality at least 30 days in advance of the following activities (check all that apply). This form should be submitted with a modified Storm Water Pollution Prevention Plan (SWPPP), updated USGS topographic map, Corps of Engineers Section 404 documentation and wastewater collection and treatment information, as appropriate.

- ☐ SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered project.
- ☒ "Footprint" identified in the original LCNOI is proposed to be enlarged.

This form must be signed by the current coverage recipient under Mississippi's Large Construction General Permit. A different developer of new phases of existing subdivisions must apply for separate permit coverage through the submittal of a new complete LCNOI package. Coverage recipients are authorized to discharge storm water associated with proposed expansions of existing subdivisions or subsequent phases, under the conditions of the General Permit, only upon receipt of written notification of approval by MDEQ. All other modifications, such as changes of erosion and sediment controls used, must be in accordance with ACT6, S-1 (6) and S-2 (7) of the General Permit.

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT NAME: Kim Kremer TEL # (901) 603-7049  
COMPANY NAME: Kremer Farms LLC  
STREET OR P.O. BOX: PO Box 38  
CITY: Olive Branch STATE: MS ZIP: 38654 E-MAIL: KimKremer@courlook.com

PROJECT INFORMATION

PROJECT NAME: Williams Ridge  
CITY: Waltham Nesbit  
ADDITIONAL ACREAGE TO BE DISTURBED: 45.91 TOTAL PROJECT ACREAGE: 78.63

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature (must be signed by coverage recipient)

Date

Printed Name

Title

Please submit this form to:

Chief, Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225

**WILLIAMS RIDGE SUBDIVISION  
DESOTO COUNTY, MISSISSIPPI**

**STORM WATER POLLUTION PREVENTION PLAN**

**June 18, 2020**

**SITE INFORMATION**

The project consists of grading, clearing, grubbing, utility construction, earthwork and road construction of an undeveloped area of land which will disturb approximately 78.63 acres. Phase 1 of the project is complete but is still included the overall project acreage because residential lot coverage should still be followed. Phase 2 and 3 of Williams Ridge is 45.91 acres. The site has slopes ranging from 2% to 10% slopes that are moderately erodible. The site has no stream crossings or off-site water flowing through the disturbed area. The site is located approximately at the intersection of Starlanding Road and Getwell road, Desoto County, Southaven, MS.

**CONTROLS**

**Vegetative Controls:** A 20-foot vegetative buffer will remain around the entire perimeter of the disturbed area except where site meets asphalt road. Along asphalt road structural control shall be used. Any disturbed areas that will be left undisturbed for fourteen or more days will be seeded (temporary seeding immediately. Immediately is defined as no later than the next work day. All disturbed areas will be permanently seeded after final grading within seven days of completion.

**Structural Controls:** A limestone construction entrance will be constructed at the end of starlanding rd phase 1 (see erosion control plan). Wattles will be placed along the downstream end of all culverts to lower the velocity. Clearing and grubbing exceeds 10 acres; therefore, a sediment trap will be required at the downstream side of the property. Sediment trap will be at the location of the proposed detention pond. A skimmer is required in the sediment trap see details. Accumulated sediment shall be removed from structural controls when sediment deposits reach  $\frac{1}{3}$  to  $\frac{1}{2}$  the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced by 50%. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within 24 hours of discovery or as soon as field conditions allow.

**Housekeeping Practices:** All equipment maintenance and repair will be done off-site. Debris from site will be hauled off-site. Accumulated sediment that has been trapped by sediment control measures at the site, in accordance with applicable maintenance requirements covered under the permit, will be disposed throughout site.

**IMPLEMENTATION SEQUENCE**

- 1.) Construction entrances shall be completed prior to any clearing and grubbing.
- 2.) Type D Silt Basin must be installed when clearing and grubbing has exceeded 10 acres (See detail Sheets for Silt Basin) (silt basin can be the proposed detention pond after constructed)
- 3.) Wattle implementation shall be along existing swale and near the sediment trap (See attached Drawing)
- 4.) Inlet protection shall be installed at each curb inlet after the inlet has been installed and begins to receive drainage. Inlet protection is not to be removed until after permanent vegetative cover has been established.






### **MAINTANENCE PLAN**

All disturbed areas and erosion and sediment controls will be checked after each significant rainfall but not less than once per week. Any necessary repairs will be made to these controls within 24 hours of discovery. Any changes to the plan shall be approved by the engineer.

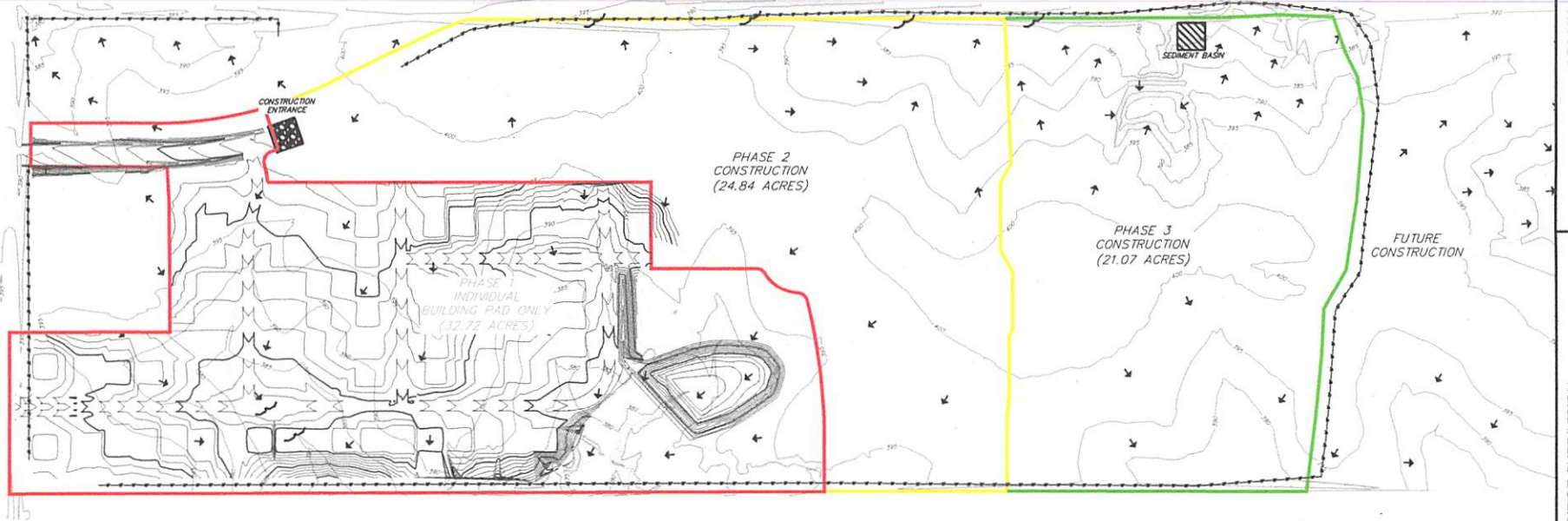
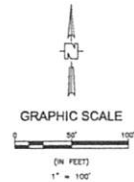
NOTES:

- 1) PLEASE SEE SWPPP NARRATIVE AND PHASE 2 AND 3 EROSION CONTROL PLAN FOR MAINTENANCE PLAN AND OTHER EROSION CONTROL REQUIREMENTS.
- 2) SEE DETAIL SHEET FOR SEDIMENT TRAP INFORMATION.
- 3) PHASE 1 CONSTRUCTION IS COMPLETE. TYPICAL RESIDENTIAL EROSION CONTROL MEASURES SHOULD BE FOLLOWED. ALL REGULATIONS FROM DESOTO COUNTY BUILDING DEPARTMENT SHOULD BE FOLLOWED FOR PHASE 1 OF WILLIAMS RIDGE.
- 4) PLEASE SEE PHASE 2 AND 3 EROSION CONTROL PLAN FOR FURTHER DETAIL ON EROSION CONTROL MEASURES.
- 5) ALL CONSTRUCTION TRAFFIC SHOULD ENTER SITE FROM STARLANDING RD. NO TRAFFIC SHOULD GO THROUGH PHASE 1

LEGEND

- EXISTING FLOW DIRECTION 
- SILT FENCE CHECK DAM 
- SILT FENCE 
- SEDIMENT BASIN 
- CONSTRUCTION ENTRANCE 

TOTAL DISTURBED ACRES = 78.63  
 PHASE 1 DISTURBED ACREAGE = 32.72 ACRES  
 PHASE 2 DISTURBED ACREAGE = 24.84 ACRES  
 PHASE 3 DISTURBED ACREAGE = 21.07 ACRES



DESOTO COUNTY, MISSISSIPPI

WILLIAMS RIDGE SUBDIVISION

NOTICE TO DRAWING HOLDER:  
 CIVIL LINK, LLC, HEREINAFTER REFERRED TO AS ENGINEER, HAS PREPARED & FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER SHALL BE AT THE USER'S SOLE RISK AND THE USER SHALL INDEMNIFY & HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES & EXPENSES INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	

C-L PROJECT NO.: 160427-004  
 SCALE: 1" = 80'  
 SURVEYED BY: CIVIL LINK, LLC  
 DESIGNED BY: DATE: 08/18  
 DRAWN BY: DATE: 08/18  
 CHECKED BY: DATE: 08/18

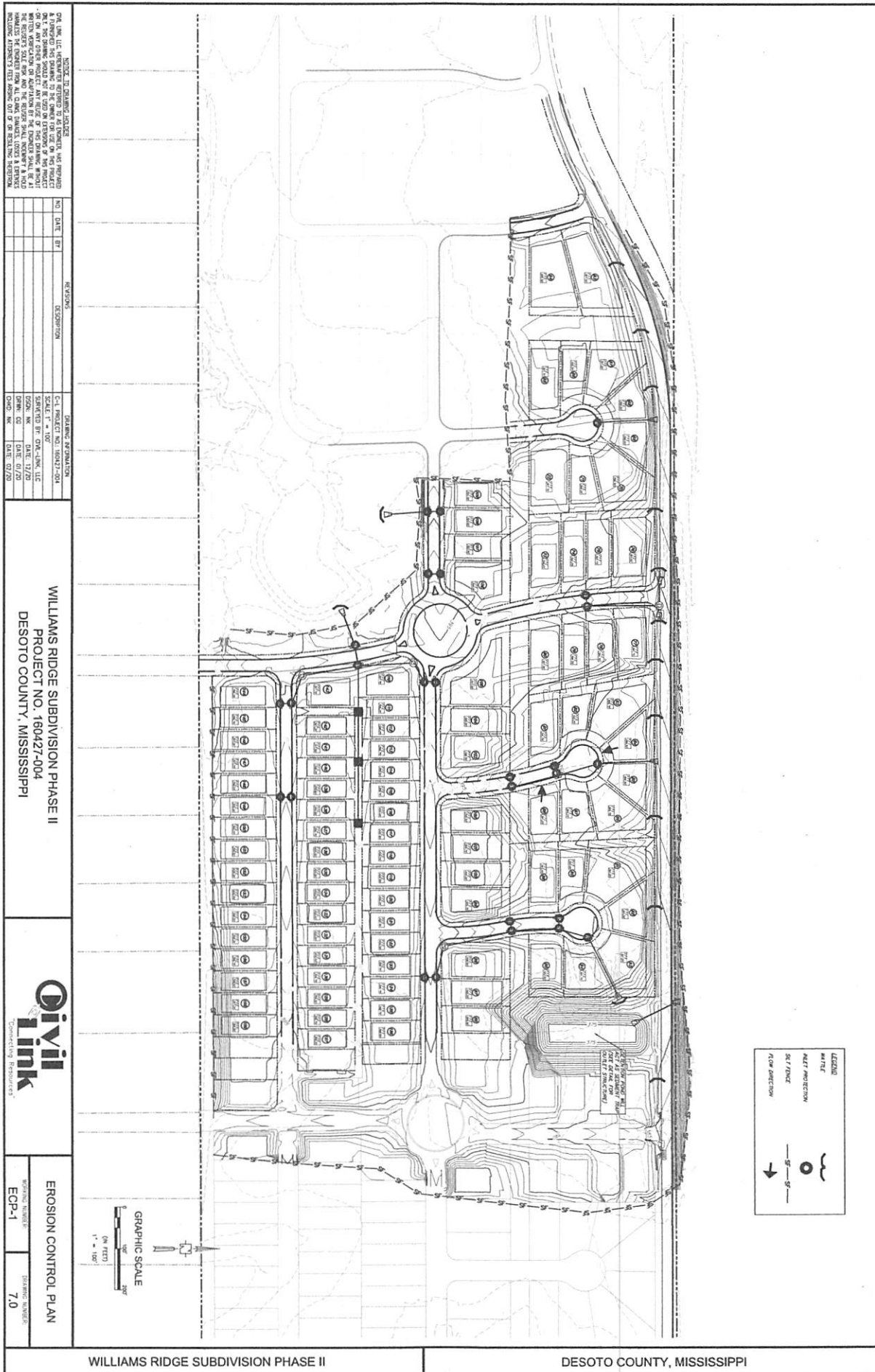
WILLIAMS RIDGE EROSION CONTROL  
 PROJECT NO. 160427-004  
 DESOTO COUNTY, MISSISSIPPI



OVERALL EROSION  
 CONTROL PLAN

WORKING NUMBER: 160427-004  
 DRAWING NUMBER: 1





**NOTICE TO EXAMINEE**

THIS PLAN IS A PRELIMINARY DESIGN AND IS NOT TO BE USED FOR CONSTRUCTION. THE EXAMINEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL DATA. THE EXAMINEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL DATA. THE EXAMINEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL DATA.

NO.	DATE	BY	DESCRIPTION
1	07/20	WMC	DESIGN
2	07/20	WMC	DESIGN
3	07/20	WMC	DESIGN
4	07/20	WMC	DESIGN
5	07/20	WMC	DESIGN
6	07/20	WMC	DESIGN
7	07/20	WMC	DESIGN
8	07/20	WMC	DESIGN
9	07/20	WMC	DESIGN
10	07/20	WMC	DESIGN

**DRAWING INFORMATION**

C-1 PROJECT NO. 180427-004

SCALE: 1" = 100'

DATE: 07/20

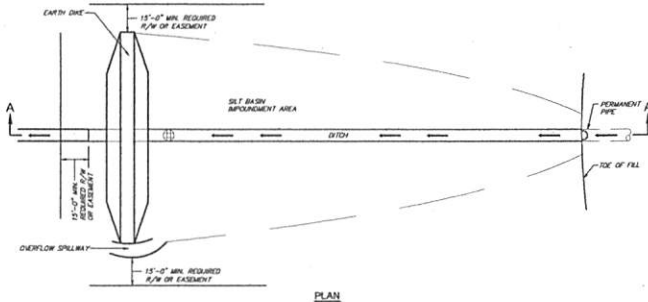
DESIGNER: WMC

CHECKED: WMC

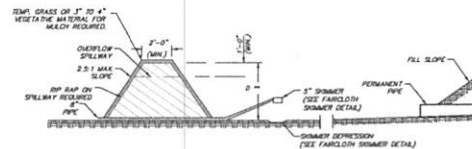
DATE: 07/20

WILLIAMS RIDGE SUBDIVISION PHASE II

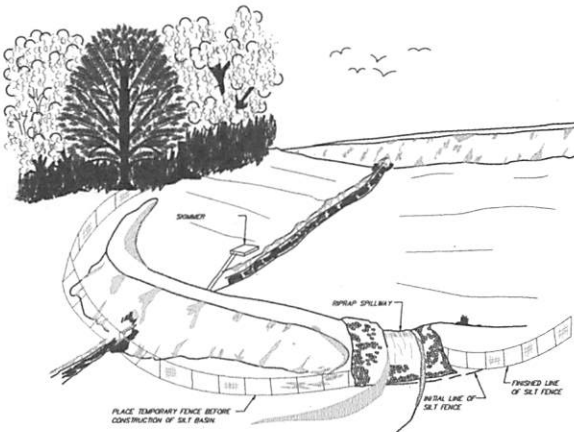
DESOTO COUNTY, MISSISSIPPI



PLAN



SECTION A-A



- GENERAL NOTES:**
1. PROVIDE OVERFLOW SPILLWAY IN NATURAL GROUND AT A MINIMUM OF 1'-0" BELOW TOP OF DITCH. CROSS-SECTIONAL AREA OF SPILLWAY IS EQUAL TO 1.5 TIMES THE AREA OF THE OUTLET PIPE. MINIMUM 8" R/W SHALL BE MAINTAINED AT THE SPILLWAY. AFTER THE PURPOSE OF THE SILT BASIN HAS BEEN SERVED, THE DITCH AND 8" R/W MAY REMAIN IN PLACE AT THE DISCRETION OF THE ENGINEER, BUT THE DRAIN PIPE WITH RISER SHALL BE REMOVED AND THE NEWLY DISTURBED AREA REVEGETATED.
  2. BASIN AND DITCH DIMENSIONS DO NOT REQUIRE CONSTRUCTION TO NEAT LINES.
  3. THE SILT BASIN MAY BE CONSTRUCTED IN ANY SHAPE WITH THE DITCH EXTENDING ALONG ONE OF LONGER SIDES AS LONG AS THE LENGTH MEASURED IN THE DIRECTION OF FLOW IS APPROXIMATELY TWICE THE WIDTH AND THE IMPONDMENT AREA AND DEPTH AT LEAST AS LARGE AS INDICATED.
  4. IN SELECTING BASIN SIZE, CONSIDERATION MUST BE GIVEN TO THE AREA DISCHARGING INTO THE BASIN OTHER THAN THAT WHICH COMES THROUGH THE PIPE UNDER THE ROADWAY. THIS MAY AT TIMES NECESSITATE A LARGER BASIN AND OUTLET PIPE SECTION.
  5. THE DITCH SHALL BE CONSTRUCTED OF A MATERIAL SUITABLE FOR ROADWAY EMBANKMENT.
  6. SILT BASIN (TYPE B) REQUIRED AT LOCATION(S) INDICATED ON PLANS.
  7. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL EROSION.
  8. SILT BASIN IS TO BE CONSTRUCTED SAME SIZE AS DETENTION POND ON GRADING AND DRAINAGE PLAN.
  9. 8" SPILLWAY IS REQUIRED. SIZE OF SPILLWAY IS BASED ON 3 DAYS TO DEWATER.

**NOTES TO DRAWING HOLDER**

REVISIONS			DRAWING INFORMATION		
NO.	DATE	BY	DESCRIPTION	C-L PROJECT NO.	150224-001
1			ISSUED FOR PERMIT	SCALE:	AS SHOWN
2			SUPPLIED BY CIVIL-LINK, LLC	DESIGN BY:	CIVIL-LINK, LLC
3			DATE: 05/20/17	DATE:	05/20/17
4			DATE: 05/20/17	DATE:	05/20/17
5			DATE: 05/20/17	DATE:	05/20/17

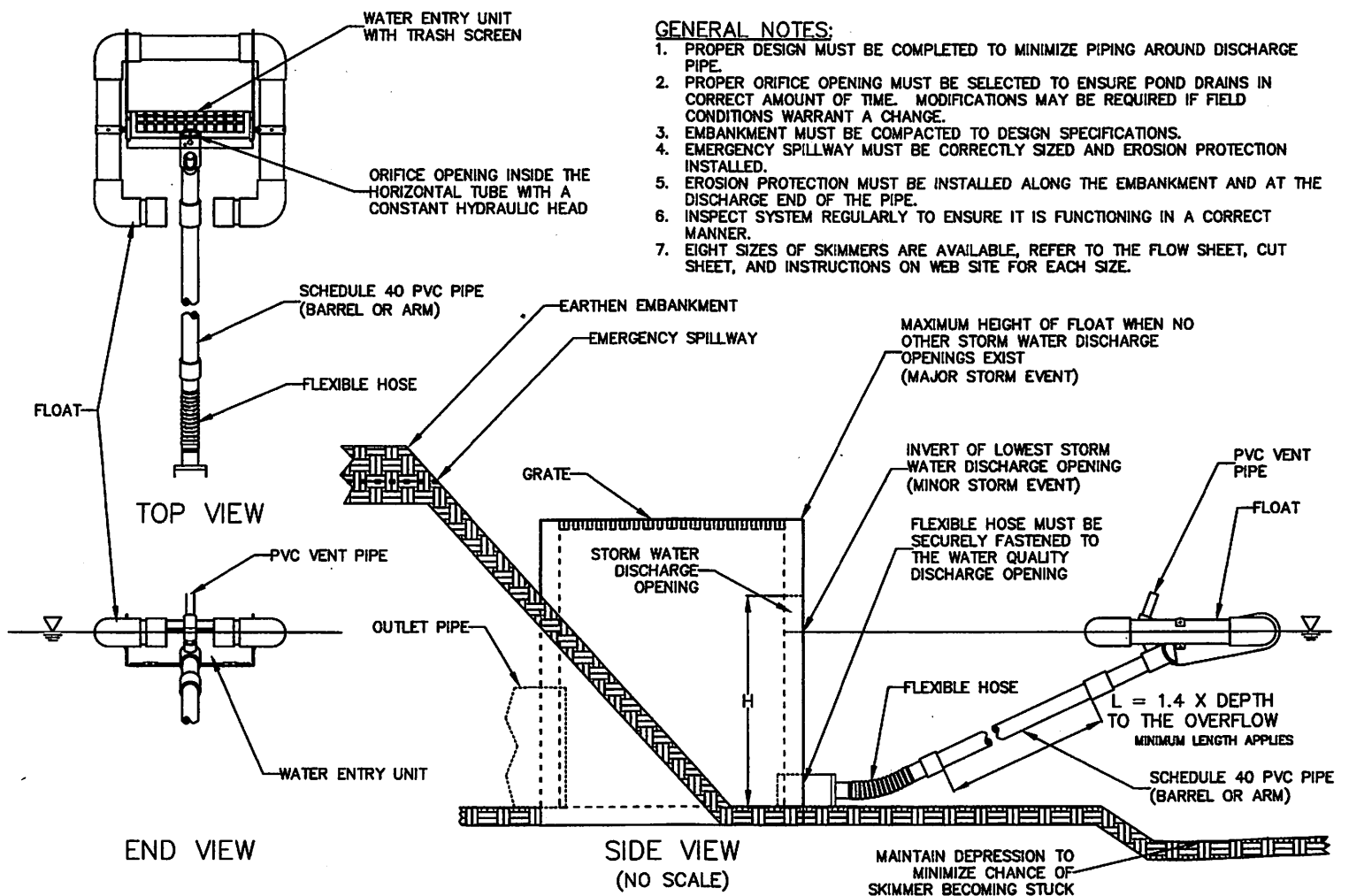
WILLIAMS RIDGE SUBDIVISION  
DESOTO COUNTY, MISSISSIPPI



TYPE B SILT BASIN

WORKING NUMBER  
150224-001

DRAWING NUMBER



DRAWN BY T. R. EVANS 10/10

## FAIRCLOTH SKIMMER® DISCHARGE SYSTEM WITH OUTLET STRUCTURE

J. W. FAIRCLOTH & SON INC.  
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