

AI: 84726



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 3025
(Number to be assigned by State)**

File at least 30 days prior to the commencement of mining; 15 days if a Storm Water Pollution Prevention Plan (SWPPP) is already on file and mine dewatering is not proposed. Lateral expansion of an existing mine that has general permit coverage requires the submittal of the Major Modification Form, not a new MNOI. However, modification of the existing SWPPP to include the expansion is required. Discharge of storm water or impounded water associated with mining or the operation of a wastewater recirculation system with no discharge without written notification of coverage from MDEQ is a violation of State Law.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Please indicate the activities to be covered by this MNOI (check all that apply).

- Storm Water Discharges Associated with Mining
- Mine Dewatering
- Wastewater Recirculation System with No Discharge

The appropriate section of the MNOI must be completed if the applicant proposes to discharge storm water, discharge impounded mine water (dewatering) and/or operate a wastewater recirculation system with no discharge.

A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit and a United States Geological Survey (USGS) quadrangle map or photocopy, indicating the site location and outfalls must be included with the MNOI submittal. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523. Additional submittals may include the following (check all that apply).

- Section 404 Documentation
- Notice of Exempt Operations Form
- Dam/Reservoir Safety Permit or Written Authorization

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

D.C

MSR32 3025

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Brent Hickman

OWNER COMPANY LEGAL NAME: Wrens Construction LLC

OWNER STREET OR P. O. BOX: 47 Stillmore Road

OWNER CITY: Wiggins STATE: MS ZIP: 39577

OWNER PHONE #: (601) 928-8840 OWNER EMAIL: office@prlandt.com

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: Brent Hickman

OPERATOR COMPANY LEGAL NAME: Wrens Construction LLC

OPERATOR STREET OR P. O. BOX: 47 Stillmore Road

OPERATOR CITY: Wiggins STATE: MS ZIP: 39577

OPERATOR PHONE #: (601) 928-8840 OPERATOR EMAIL: office@prlandt.com

MINE INFORMATION

MINE NAME: Wrens 26

MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)

Street: Old Hwy 26

City: Wiggins State: MS County: Stone Zip: 39577

N /4 OF SW /4 OF SECTION 1, TOWNSHIP 3 South, RANGE 13 West

MINE SITE TRIBAL LAND ID (N/A if not applicable): n/a

ATTACH A USGS QUAD MAP, EXTENDING 1/2 MILE BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES
(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).

LATITUDE: 30 degrees 48 minutes 43 seconds LONGITUDE: 89 degrees 14 minutes 55 seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Entrance Gate) or Map Interpolation): Map Interpolation

TOTAL ACREAGE: 48.0 MATERIAL TO BE MINED: Sandy Clay Gravel

WILL HYDRAULIC DREDGING BE USED? YES NO

WASHING OF SAND/GRAVEL? YES NO

ESTIMATED START DATE: 2023-09-01
YYYY-MM-DD
SIC CODE n/a

ESTIMATED END DATE: 2034-09-01
YYYY-MM-DD
NAICS CODE n/a

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Kirby Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(D) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found of MDEQ's website: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES NO

COMPLETE IF STORM WATER DISCHARGE IS PROPOSED

ATTACH A STORM WATER POLLUTION PREVENTION PLAN (SEE PERMIT FOR REQUIREMENTS)

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP ON FILE AT MDEQ: n/a

COMPLETE IF WASTEWATER RECIRCULATION SYSTEM WITH NO DISCHARGE IS PROPOSED

DISTANCE BETWEEN RECIRCULATION POND(S) AND PROPERTY LINE: n/a (FT)
(MUST BE AT LEAST 150 FEET)

NUMBER OF RECIRCULATION POND(S): n/a

STORAGE CAPACITY OF EACH RECIRCULATION POND(S): n/a (FT³)

COMPLETE IF MINE DEWATERING IS PROPOSED

ESTIMATED DEWATERING VOLUME: n/a (GAL/DAY)

NAME AND ADDRESS OF THE RECIPIENT OF THE DISCHARGE MONITORING REPORTS (DMRs), IF DIFFERENT FROM SIGNATORY: n/a

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

Coverage under this general permit will not be granted until all other required MDEQ permits and approvals are addressed.

WILL THE CONSTRUCTION OR OPERATION OF THIS MINE INVOLVE THE RE-ROUTING, FILLING OR CROSSING OF A WATER CONVEYANCE OF ANY KIND? YES NO

If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements. If the mine requires a Corps of Engineers Section 404 permit, provide appropriate documentation with this MNOI that:

- The mine has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required.

LIST ANY NPDES PERMIT NO(S) n/a GEOLOGY APPLICATION/PERMIT NO. n/a

LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COVERAGE AREA n/a

IS THE MINE LESS THAN 4 ACRES AND GREATER THAN 1320 FEET FROM ANOTHER MINE?

- YES A "Notice of Exempt Operations" Form must be included with the MNOI or proof of prior submission, if previously submitted to the Office of Geology.
- NO A "Notice of Intent to Mine Class I or Class II Materials" Form must be filed before coverage will be granted under the Mining General Permit. For information on Office of Geology requirements, call 601-961-5515.

LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. n/a

IF IMPOUNDMENTS WILL BE CONSTRUCTED ABOVE NATURAL SURFACE ELEVATIONS, INDICATE WHICH, IF ANY, OF THE FOLLOWING APPLY.

- The impoundment will be constructed with a peripheral dam or levee 8 feet or greater in height, measured from the lowest elevation of its toe.
- The impoundment will have a maximum storage volume greater than 25 acre-feet.
- The impoundment will impound a watercourse with a continuous flow.
- The impoundment has the potential to threaten downstream lives or man-made structures.

If any of the impoundments meet any of the above criteria, the applicant will be required to obtain written authorization from MDEQ, Dam Safety Division before coverage will be granted under the Mining General Permit.

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.

Whitney Hickman 10/8/2023
Authorized Signature Date
Whitney Hickman owner
Printed Name Title

- ¹This application shall be signed according to the General Permit, Act 15, T-4 as follows:
- For a corporation, by a responsible corporate officer.
 - For a partnership, by a general partner.
 - For a sole proprietorship, by the proprietor.
 - For a municipal, state or other public facility, by either a principal executive officer, the mayor, or ranking elected official.
 - Duly Authorized Representative

Please submit this form to: Chief, Environmental Permits Division
MDEQ, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

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**COVERAGE NUMBER (MSR32 _____) INSPECTION YEAR _____
 SITE INSPECTION REPORT AND CERTIFICATION FORM
 MINING GENERAL PERMIT**



Results of the inspection by ACT7 of this permit shall be recorded on this report form and in addition, copies of all completed forms shall be retained onsite or locally available. Inspections must be performed monthly and after a 2-year, 24-hour storm event (approx. 6-inches on Gulf Coast to 4-inches at MS/TN State Line). The coverage number must be listed at the top of all Site Inspection Report and Certification Forms.

COVERAGE RECIPIENT INFORMATION

COMPANY NAME: <u>Wrens Construction LLC</u>	MINE NAME: <u>Wrens 26</u>
MINE LOCATION: <u>Old Hwy 26</u>	GEOLOGY APPLICATION/PERMIT NO. <u>n/a</u>
NEAREST PROJECT CITY: <u>Wiggins</u>	COUNTY: <u>Stone</u>
MAILING ADDRESS: <u>47 Stillmore Road</u>	
MAILING CITY: <u>Wiggins</u>	STATE: <u>MS</u> ZIP: <u>39577</u>
CONTACT PERSON: <u>Brent Hickman</u>	CONTACT PHONE NUMBER: <u>610-928-8840</u>

INSPECTION DOCUMENTATION

DATE (mm/dd/yy)	TIME (hh:mm AM/PM)	AFTER 2-YEAR, 24-HOUR STORM EVENT? (CHECK IF YES)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
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		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary): _____

Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary): _____

Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and sound engineering practices as required by the above referenced permit. I further certify that the MNOI and SWPPP information on file with MDEQ is up to date.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons 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 fines and imprisonment for knowing violations.

 Authorized Signature

 Printed Name

 Date

 Title

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MAJOR MODIFICATION FORM FOR MINING GENERAL PERMIT

Coverage No. MSR32 _____ County _____



INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality of plans to expand the acreage or "footprint" of an existing mining activity or modify the existing mining operation. This form must be submitted when (check all that apply):

- SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered mining activity
- "Footprint" identified in the original MNOI is proposed to be enlarged (a modified SWPPP and an updated USGS topographic map must be submitted)
- Mine dewatering is proposed
- Mine dewatering has been discontinued
- Closed loop wash operations are proposed
- Closed loop wash operations have been discontinued

This form must be signed by the original coverage recipient under Mississippi's Mining General Permit. A different operator must have general permit coverage transferred prior to coverage being modified. Coverage recipients are authorized to discharge storm water associated with proposed expansions of dewater pits or operate a recirculation system with no discharge, under the conditions of the General Permit, **only upon receipt of written notification of approval by the MDEQ.** If mining activities change which will incorporate a hydraulic dredging operation or a discharge of process wastewaters to State waters additional permitting actions shall be required.

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT PERSON: _____

COMPANY NAME: _____

STREET OR P.O. BOX: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE NUMBER : _____ EMAIL ADDRESS: _____

PROJECT INFORMATION

FORMER ACREAGE: _____ ADDITIONAL ACREAGE TO BE DISTURBED: _____

TOTAL ACREAGE: _____ MINE NAME: _____

GEOLOGY APPLICATION/PERMIT NO. _____ CITY: _____ COUNTY: _____

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

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**Mississippi Department of Environmental Quality/Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225
(601) 961-5171**

<p>Item X. Storm Water</p> <p>(Check One)</p> <p><input type="checkbox"/> A Storm Water Pollution Prevention Plan (SWPPP) is not required for the site.</p> <p><input type="checkbox"/> The recipient certifies that they have received a copy of the Office of Pollution Control approved SWPPP from the original owner.</p> <p><input type="checkbox"/> The recipient is submitting a new SWPPP, which is attached to this form.</p> <p><input type="checkbox"/> A copy of the SWPPP cannot be obtained from the original owner.</p>	<p>Item XI. Hazardous Waste ID Number</p> <p>EPA ID No. _____</p> <p>(Check One)</p> <p><input type="checkbox"/> An EPA Hazardous Waste ID Number is not required for the site.</p> <p><input type="checkbox"/> The site's EPA ID Number is listed above and a Notification of Regulated Waste Activity Form is attached.</p>
Item XII. Permit(s) and/or Coverage(s) to be Transferred	
<p>Permit Type: _____</p> <p>Permit/Coverage No.: _____</p> <p>Permit Issuance Date: _____</p> <p>Date of General Permit Coverage: _____</p> <p>Permit Expiration Date: _____</p>	<p>Permit Type: _____</p> <p>Permit/Coverage No.: _____</p> <p>Permit Issuance Date: _____</p> <p>Date of General Permit Coverage: _____</p> <p>Permit Expiration Date: _____</p>
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<p>Permit Type: _____</p> <p>Permit/Coverage No.: _____</p> <p>Permit Issuance Date: _____</p> <p>Date of General Permit Coverage: _____</p> <p>Permit Expiration Date: _____</p>	<p>OTHER INFORMATION:</p>

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Request for Termination (RFT) of Coverage



Mining General NPDES Permit No. MSR32 _____ County Stone
(Fill in your Certificate of Coverage Number and County)

Use this form to request coverage termination only after mining activities have permanently stopped and permanent erosion and sediment controls are successfully established. Inspections must continue until the coverage recipient receives written notice of coverage termination by MDEQ.

Please check which of the following apply:

- Non-Exempt Mining Operation (copy of Permit Board Order, authorizing 90% or final release of mining performance bond attached)
- Exempt Mining Operation (as defined in MDEQ's Mississippi Surface Mining and Reclamation Rules and Regulations)

(Please Print or Type)

Facility Name: _____ Closure Date: _____

Physical Site Street Address (if not available, indicate nearest named road): _____

City: Wiggins County: _____

Landowner Company Name: _____

Landowner Company Contact Name and Position: _____

Street Address / P.O. Box: _____

City: _____ State: MS Zip: 39577

Tel. # (____) _____

Operator Company Name (if different than owner): _____

Operator Contact Name and Position: _____

Street/ Address / P.O. Box: _____

City: _____ State: _____ Zip: _____

Tel. # (____) 928-8840

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 fines and imprisonment for knowing violations. I understand that by submitting this Request for Termination and receiving written confirmation, I will no longer be authorized to discharge storm water associated with industrial activity under this general permit. Discharging pollutants in storm water associated with industrial activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this Request for Termination does not release an owner or operator from liability for any violations of this permit or the Clean Water Act.

Authorized Name (Print) _____ Telephone _____ Signature _____ Date Signed _____

¹This application shall be signed according to the General Permit, ACT 15, T-4 as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official.

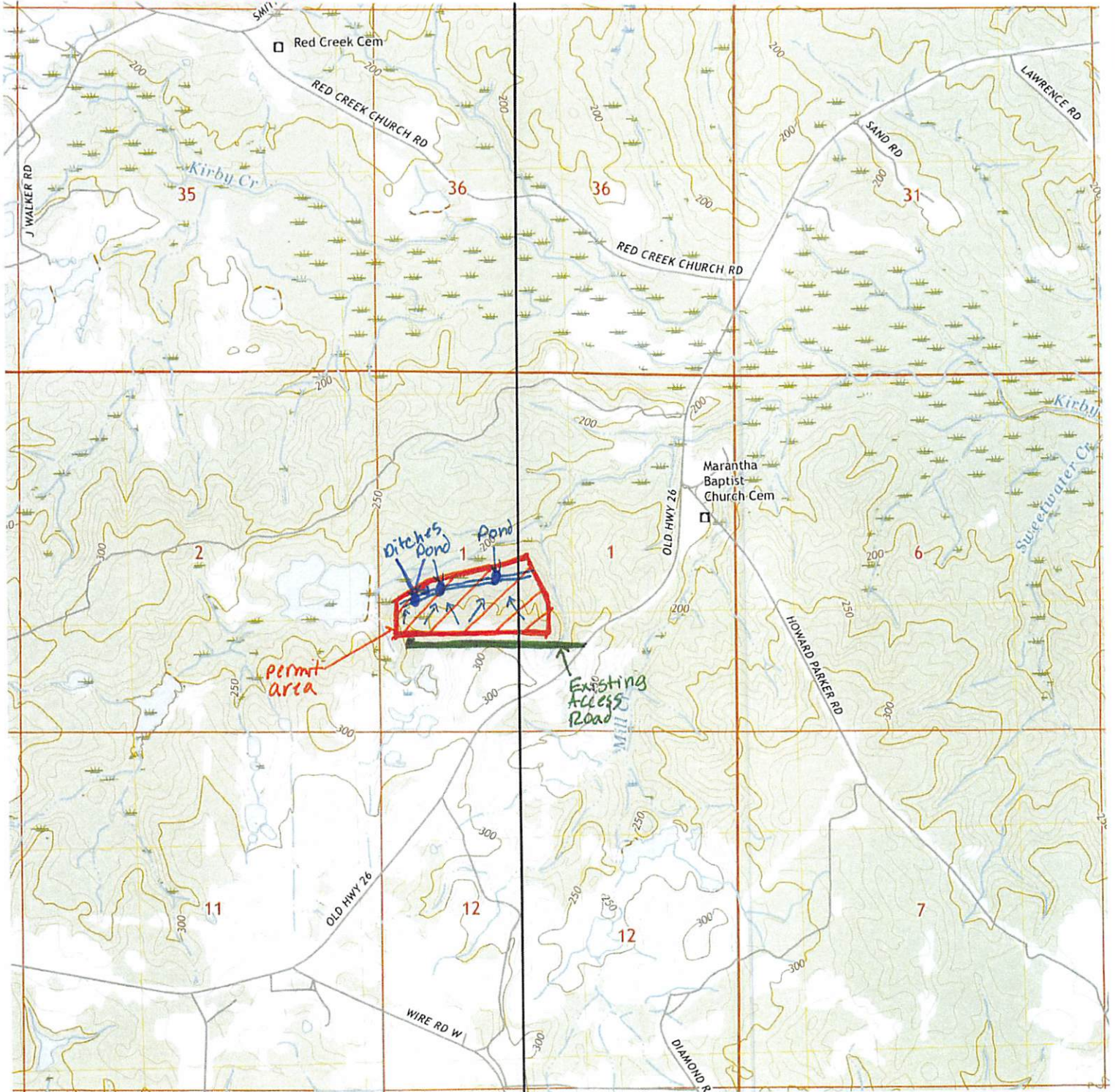
After signing please mail to: Environmental Permits Division, Office of Pollution Control
P.O. Box 2261
Jackson, MS 39225

Revision: 2/16/2018

MAP #1

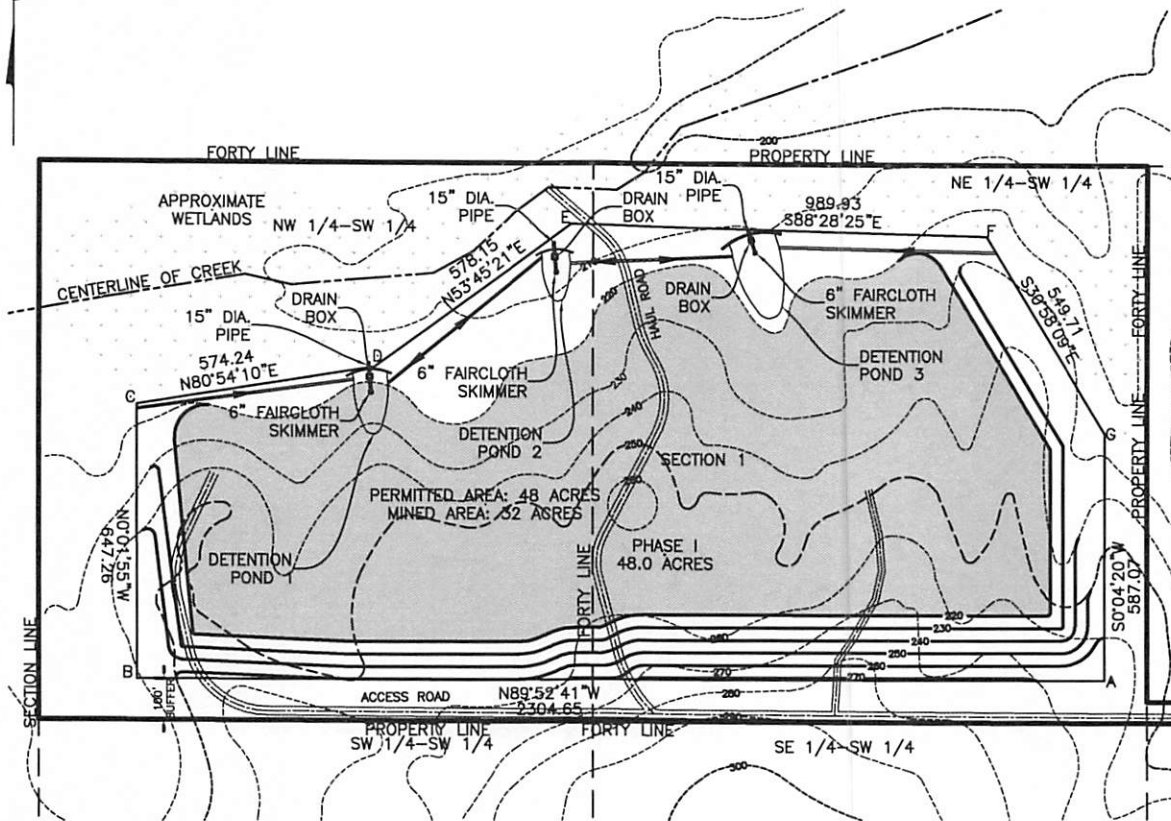
BROWN LAKE QUAD

WIGGINS QUAD



- Permit Area
- Existing Access Road
- Surface Drainage

MINING STORM WATER PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE COUNTY, MS.



DETENTION POND 1 CALCULATIONS

DA = 13 ACRES
 REQD. = 3,600 FT³/ACRE X 13 ACRES
 V REQD. = 46,800 FT³
 AVERAGE DEPTH = 5 FT.
 SA REQD = 9,360 FT²
 SA SUPPLIED = 10,128 FT²
 V SUPPLIED = 50,640 FT³

DETENTION POND 2 CALCULATIONS

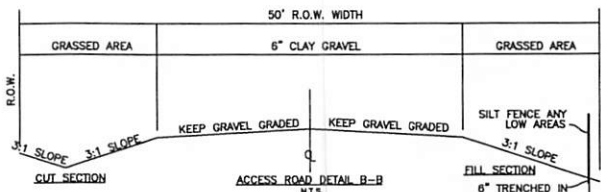
DA = 9 ACRES
 REQD. = 3,600 FT³/ACRE X 9 ACRES
 V REQD. = 32,400 FT³
 AVERAGE DEPTH = 5 FT.
 SA REQD = 6,480 FT²
 SA SUPPLIED = 6,835 FT²
 V SUPPLIED = 34,175 FT³

DETENTION POND 3 CALCULATIONS

DA = 26 ACRES
 REQD. = 3,600 FT³/ACRE X 26 ACRES
 V REQD. = 93,600 FT³
 AVERAGE DEPTH = 5 FT.
 SA REQD = 18,720 FT²
 SA SUPPLIED = 18,750 FT²
 V SUPPLIED = 93,750 FT³

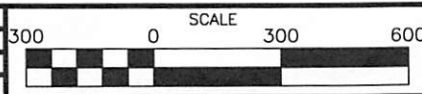
BOUNDARY COORDINATES

	LATITUDE (N)	LONGITUDE (W)
A	30°48'42.56"	89°14'54.55"
B	30°48'42.52"	89°15'20.98"
C	30°48'48.92"	89°15'21.01"
D	30°48'49.84"	89°15'14.51"
E	30°48'53.25"	89°15'09.18"
F	30°48'53.02"	89°14'57.83"
G	30°48'48.37"	89°14'54.57"



NOTE:
 ANY AREA'S ALONG THE EXISTING ROADWAY THAT ARE DISTURBED SHOULD BE GRASSED
 SILT FENCE ANY EXISTING LEADOFF DITCHES

PROJECT NO. 21143
 CHECKED BY:
 FILE NAME: 21143_BRENT...
 DRAWN BY: HALEY DICKENS



INDEXING INSTRUCTIONS: NORTH 1/2 OF THE SW 1/4 OF SECTION 1, TOWNSHIP 3 SOUTH, RANGE 13 WEST, STONE COUNTY, MISSISSIPPI.

CLASS "D" SURVEY: BEARINGS DETERMINED BY: GPS

- LEGEND**
- = FOUND CONCRETE MONUMENT
 - = FOUND LIGHT WOOD STAKE
 - ▲ = FOUND P.K. NAIL
 - = SET 1/2" RE-BAR (UNLESS OTHERWISE NOTED OR DESCRIBED)
 - = FOUND 1/2" RE-BAR (UNLESS OTHERWISE NOTED OR DESCRIBED)
 - △ = NO CORNER SET OR FOUND
 - * = POWER POLE OR UTILITY POLE

DESCRIPTION
 THE NORTH HALF OF THE SOUTHWEST QUARTER OF SECTION 1, TOWNSHIP 3 SOUTH, RANGE 13 WEST, STONE COUNTY, MS.

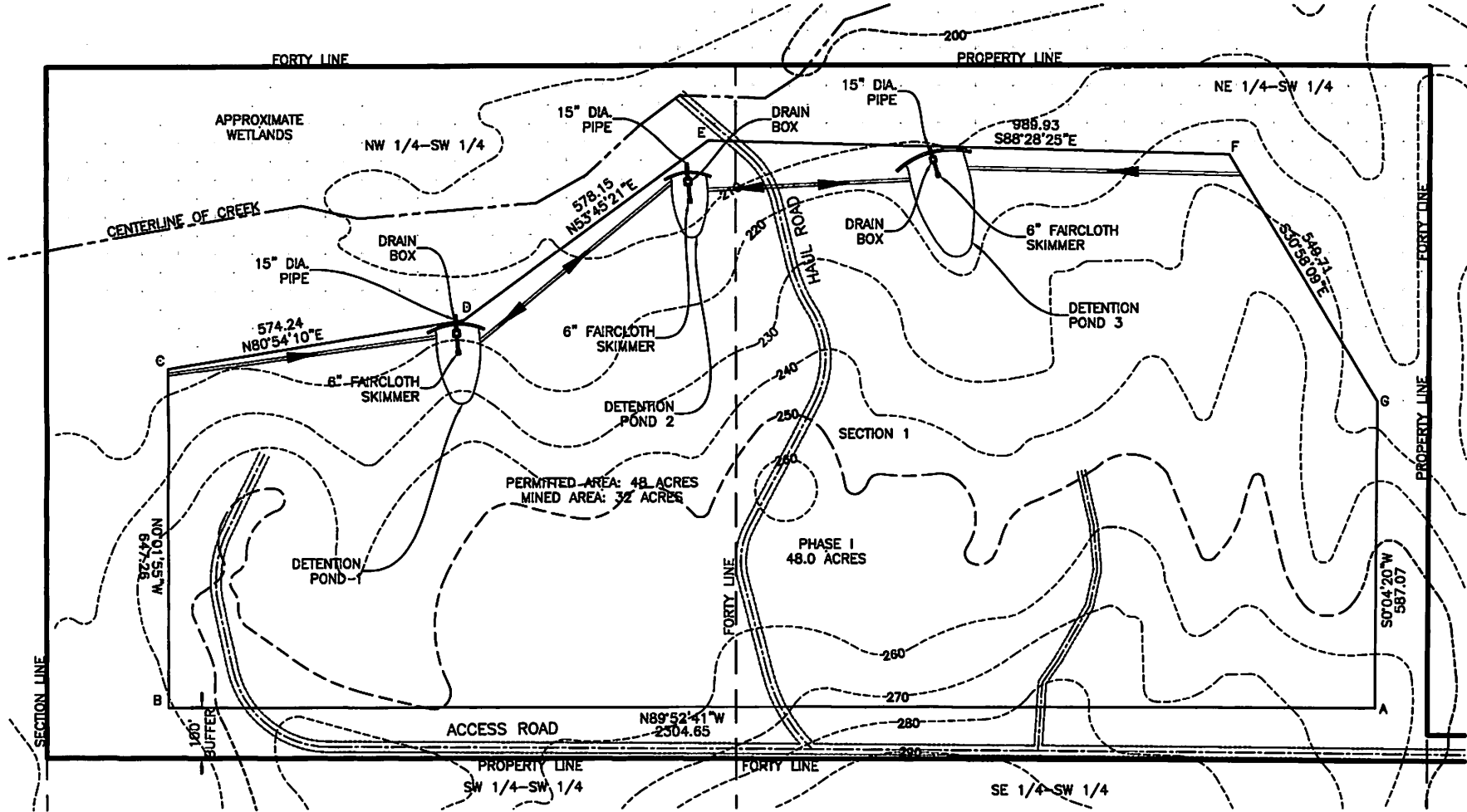
DRAWN:
 03/2023

O'NEAL-BOND ENGINEERING, INC.
 P.O. BOX 369 WIGGINS MS. 39577
 EMAIL: jon@onealbondeng.com

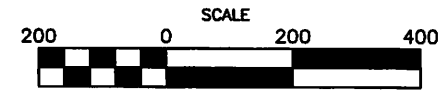
TELEPHONE
 (601) 928-7390
FAX
 (601) 928-5526

MAP #2

GENERAL SITE PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE COUNTY, MS.

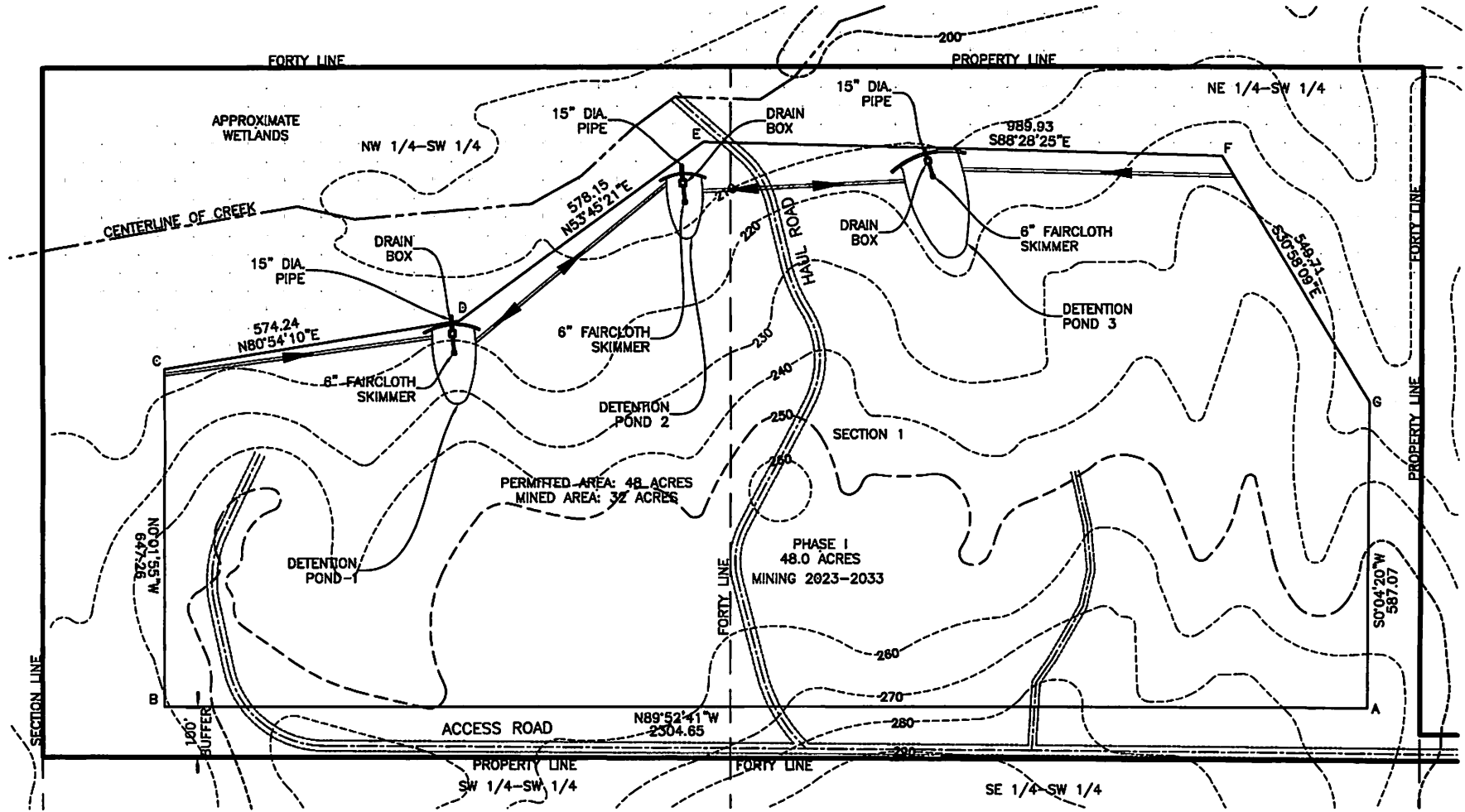


O'NEAL-BOND ENGINEERING, INC.
P.O. BOX 369 WIGGINS MS. 39577
EMAIL: jon@onealbondeng.com

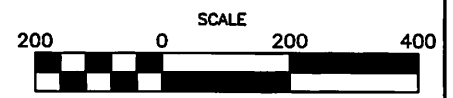


MAP #3

YEARLY MINING PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE COUNTY, MS.

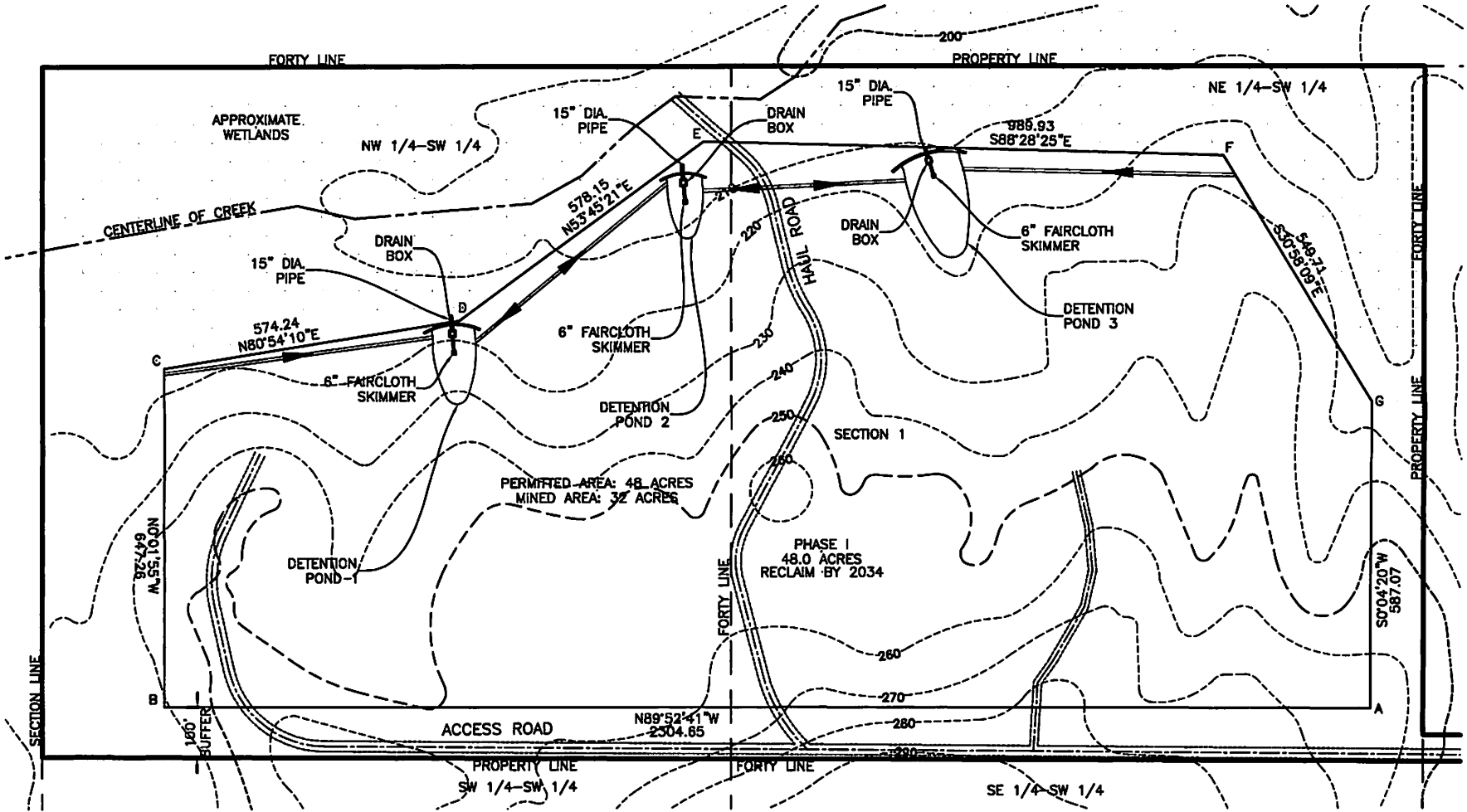


O'NEAL-BOND ENGINEERING, INC.
P.O. BOX 369 WIGGINS MS. 39577
EMAIL: jon@onealbondeng.com



MAP #4

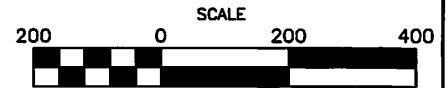
YEARLY RECLAMATION PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE COUNTY, MS.



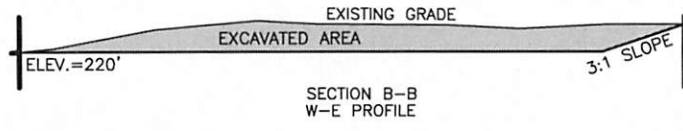
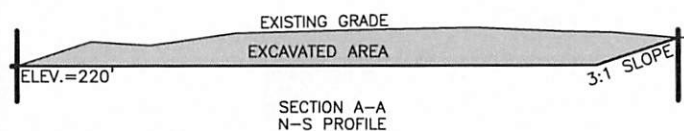
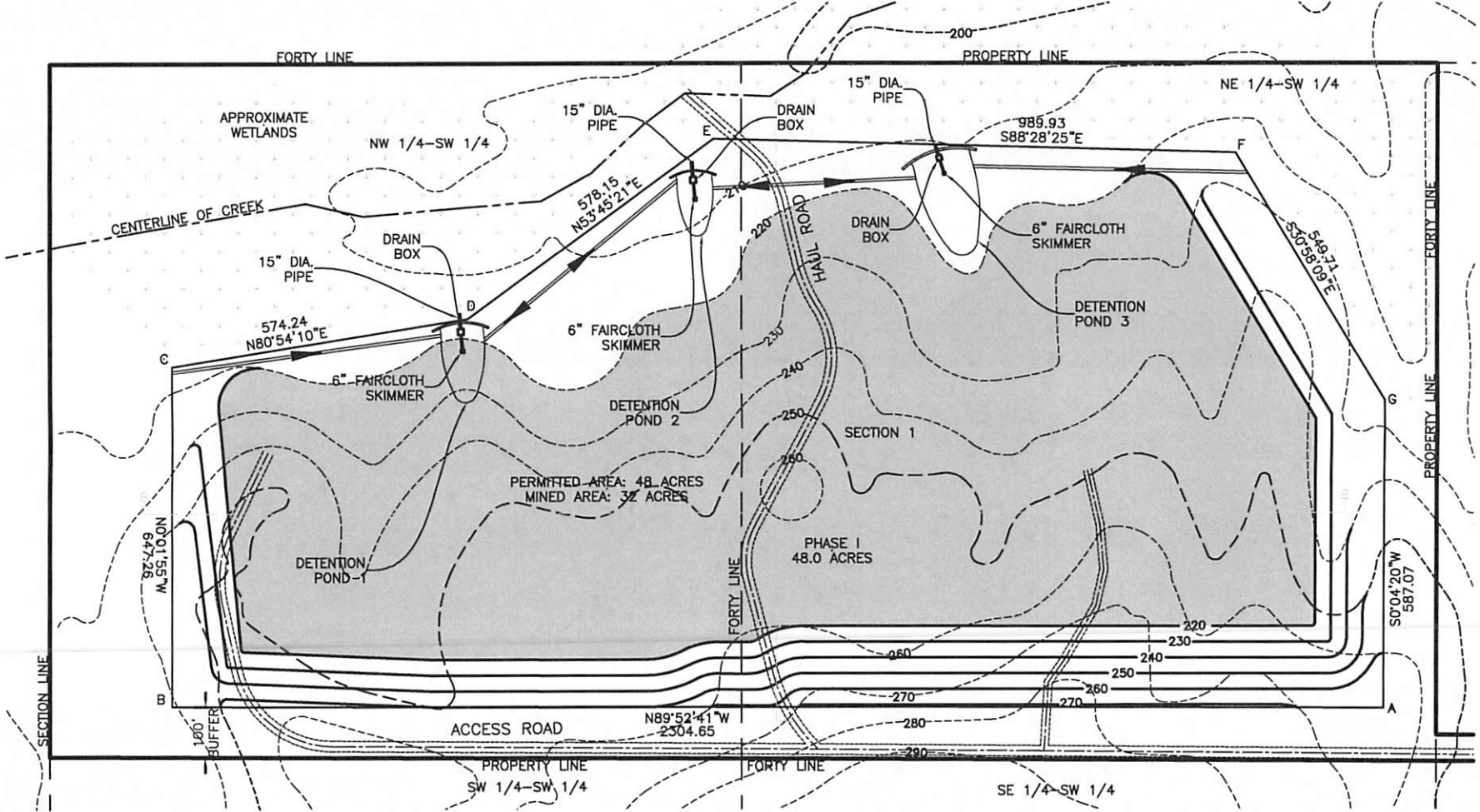
O'NEAL-BOND ENGINEERING, INC.

P.O. BOX 369 WIGGINS MS. 39577

EMAIL: jon@onealbondeng.com



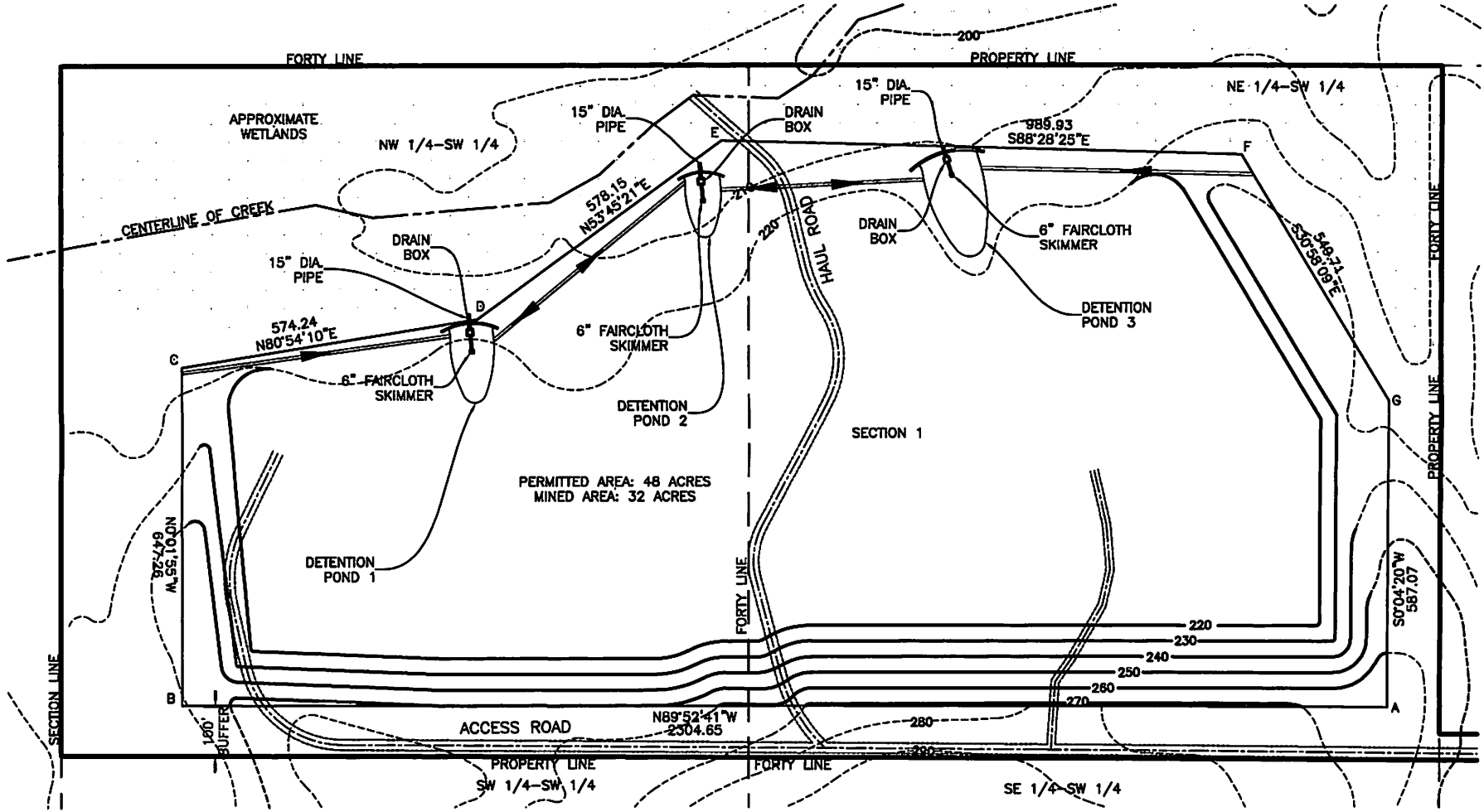
PRE-MINING / POST MINING FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
 STONE COUNTY, MS.



O'NEAL-BOND ENGINEERING, INC.
 P.O. BOX 369 WIGGINS MS. 39577
 EMAIL: jon@onealbondeng.com
 SCALE
 200 0 200 400

MAP #6

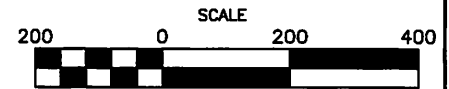
POST MINING RECLAMATION PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE COUNTY, MS.



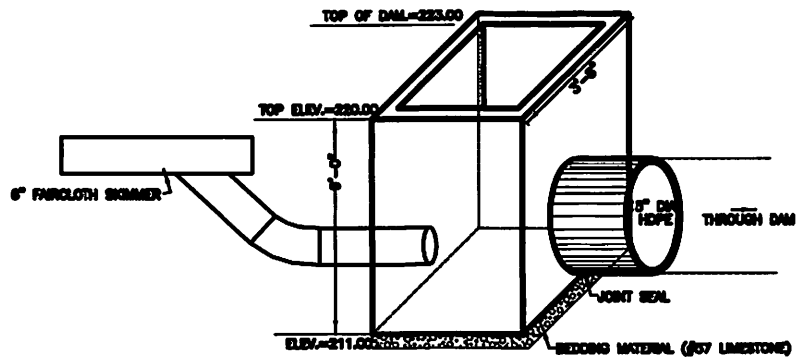
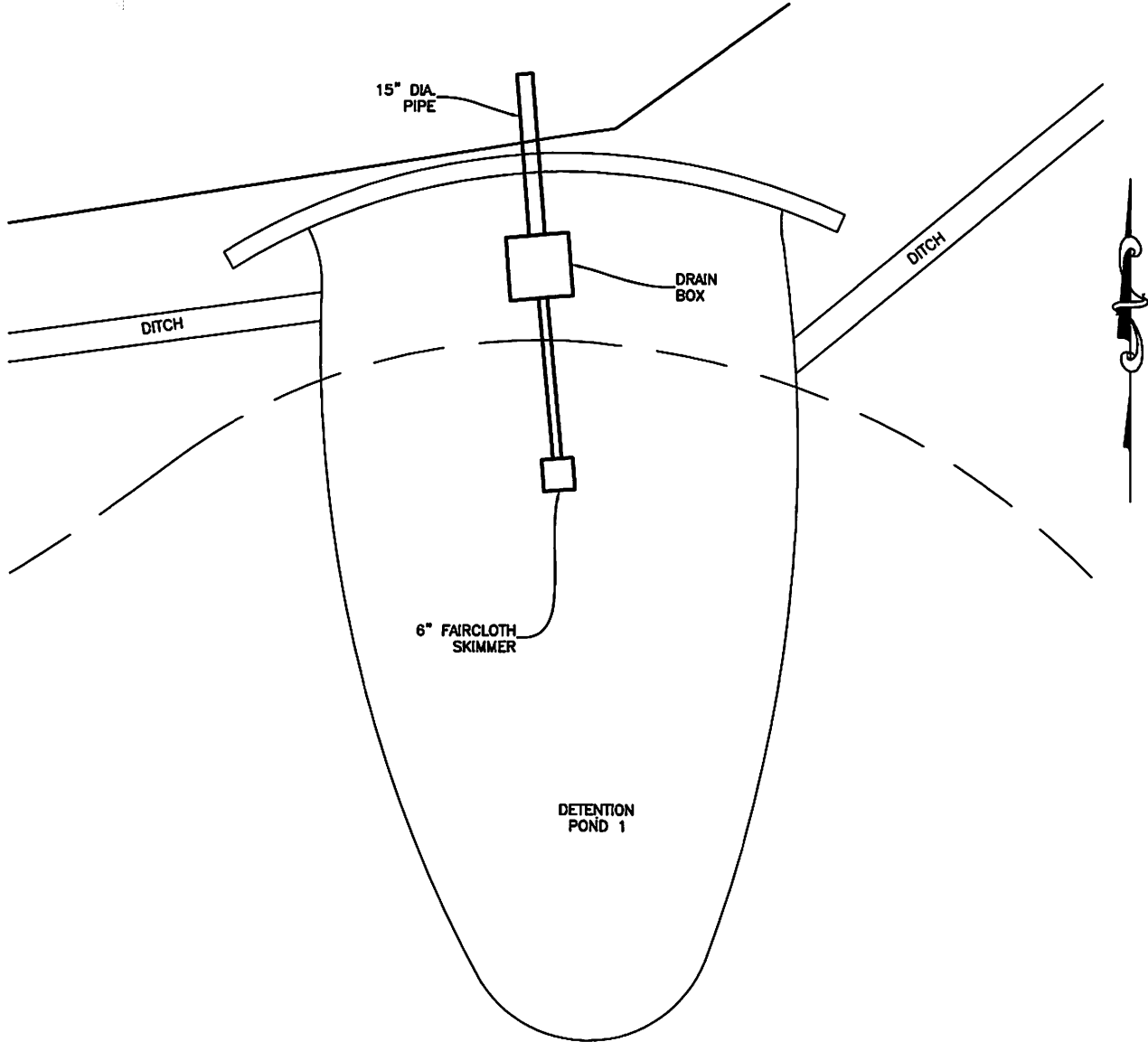
O'NEAL-BOND ENGINEERING, INC.

P.O. BOX 369 WIGGINS MS. 39577

EMAIL: jon@onealbondeng.com

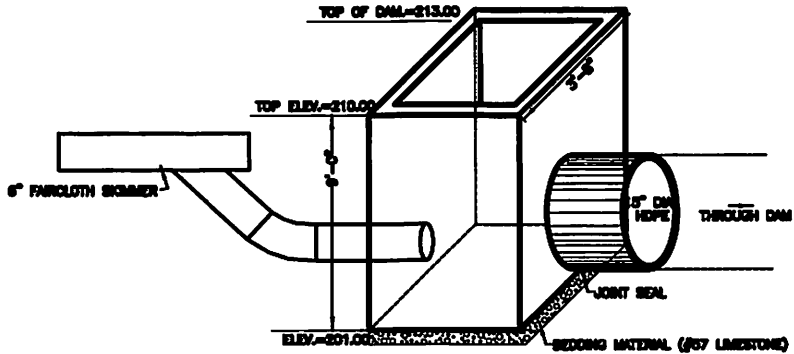
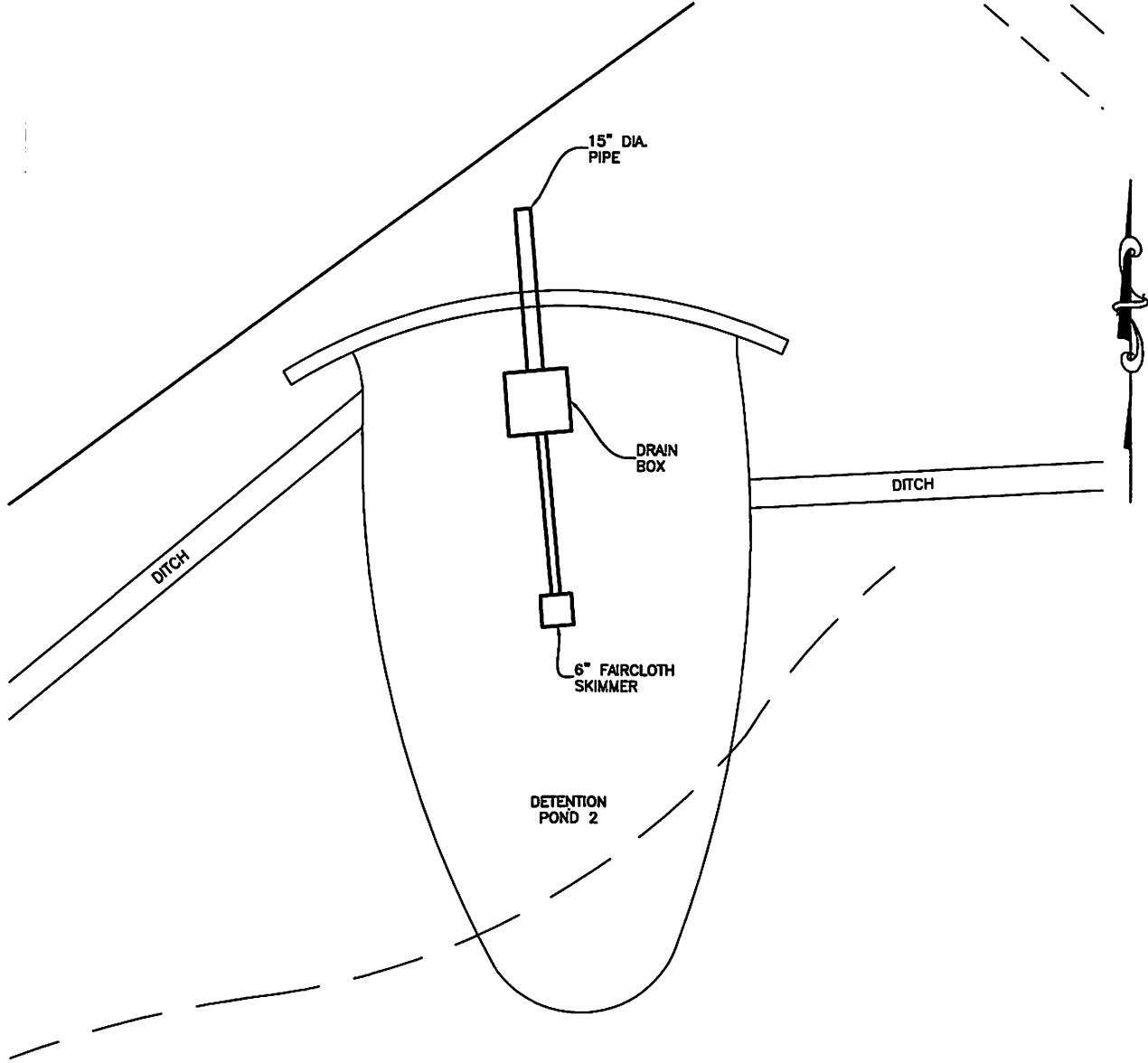


DETENTION POND #1
PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE CO., MS.



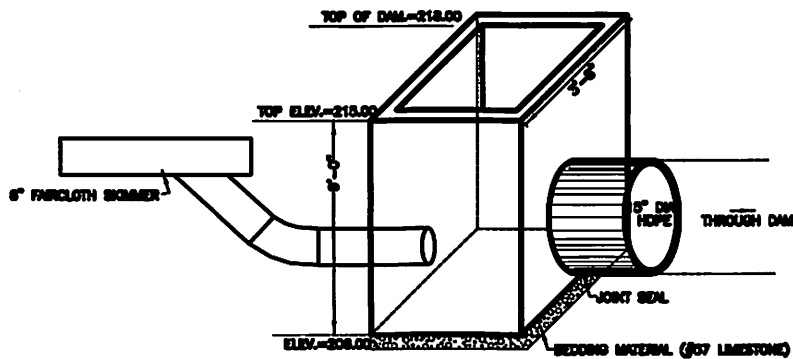
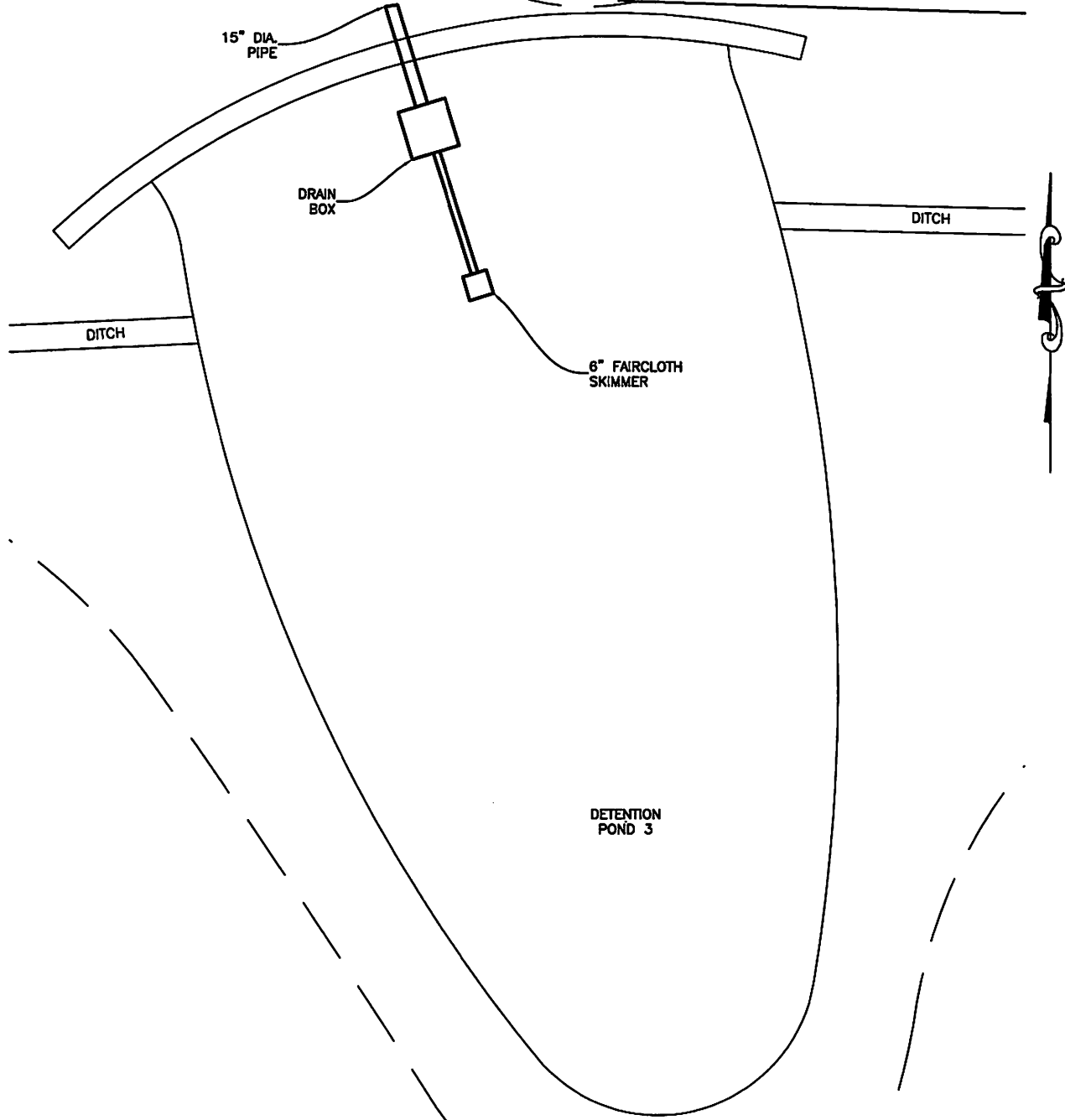
FAIRCLOTH SKIMMER DISCHARGE SYSTEM
WITH OUTLET CONTROL STRUCTURE
 N.T.S.

DETENTION POND #2
PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE CO., MS.



**FAIRCLOTH SKIMMER DISCHARGE SYSTEM
 WITH OUTLET CONTROL STRUCTURE**
 N.T.S.

DETENTION POND #3
PLAN FOR
WRENS 26
WRENS CONSTRUCTION, LLC.
STONE CO., MS.



FAIRCLOTH SKIMMER DISCHARGE SYSTEM
WITH OUTLET CONTROL STRUCTURE
 N.T.S.

O'NEAL-BOND ENGINEERING, INC.

P.O. BOX 369 WIGGINS MS. 39577

EMAIL: jon@onealbondeng.com

TELEPHONE #
(601) 928-7390

FAX #
(601) 928-5526

Narrative of Storm Water Prevention Plan for Wrens 26 Wrens Construction, LLC.

Project Description

This 48 acre site will be mined in multiple phases. The construction entrance will be a gravel drive to Old Highway 26 and the haul road will meander existing roads on the south border of the site and through the center of the pit. Storm water will be directed to one of the detention ponds by diversion ditches directing runoff to the ponds. A security for reclamation will be posted. Each phase will be grassed and planted when done. The ponds will remain permanently.

Adjacent Property

The adjacent properties consist of wooded areas and fields as well as one house to the south of the entrance road.

Planned Erosion, Sediment, and Storm Water Control Practices

1. Silt Fence – Place silt fence at the bottom of any slope steeper than 5:1 and around the perimeter of the site. Replace at 50% capacity before overtopping occurs.
2. Permanent Seeding – Establish a permanent grass in all disturbed areas after each phase. These areas may be seeded or sodded. Cover cannot be certified until after a minimum of 6 weeks of establishment and at least ½” of rainfall has occurred.
3. Straw bales – Placed with the silt fence around pipe culverts for added protection.
4. **Special Provision** – All Vegetative practices must be initiated whenever any clearing, grading, excavating or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of (14) days or more. The appropriate temporary or permanent vegetative practices shall be implemented within (7) calendar days.

Good Housekeeping Practices

1. Vehicles entering the roadway shall be washed down (if muddy) prior to entering the roadway. The vehicle will pass over a limestone (10 lbs riprap) bed and be washed down of the major portion of mud. The washdown is through a depression basin lined with rock and fabric below rock to hold water.
2. Equipment maintenance and repairs shall only be performed on upland areas with a 12" dirt berm installed around the perimeter of the work area. Proper chemicals shall be on hand to be placed on fluid spills in accordance with manufacturers recommendations. All contaminated soil shall be loaded and properly disposed of in a certified landfill accepting hazardous material. The closest are McNeill, Pine Belt, and Jackson County.
3. Waste receptacles shall be placed where the work is being performed and shall move with the work. The contractor shall not let a full container stand for more than 48 hours before changing out or 7 days, whichever comes first.
4. Pota-lets shall be made available and used.

Construction Sequence

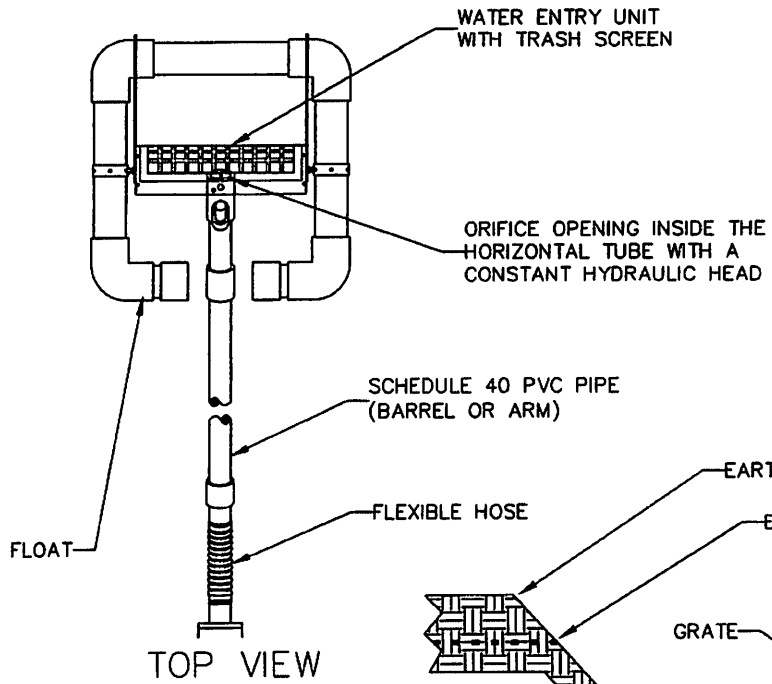
1. Complete all permits and approvals.
2. Complete site clearing and grass disturbed areas.
3. Construct Phase one then other phases as appropriate.
4. Make sure all temporary controls are in place immediately following site clearing.
5. Topsoil all disturbed areas and establish permanent grass.
6. Remove all temporary controls and implement all permanent sedimentation controls (ditches and detention ponds).
7. Weekly inspection reports should be made and submitted at the end of the project by the responsible party, if required to do so.
8. All erosion controls and outfalls/discharge points will be inspected a minimum of once per month and after any 2 year, 24 hour storm event.

Short Term Maintenance Plan

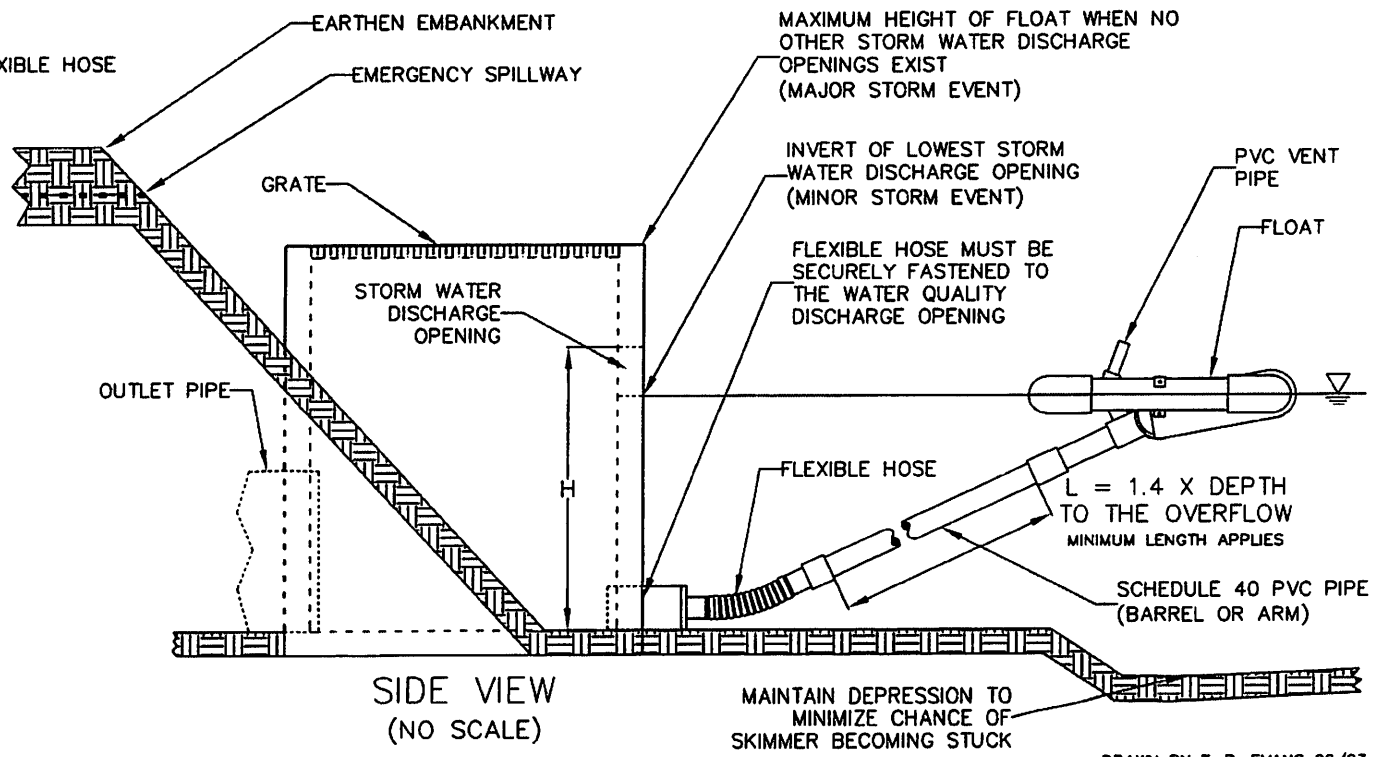
1. Check all controls after rainfall events and at least once a week.
2. Repair controls as soon as possible after discovered.
3. Clean out sedimentation from the silt fence or check dams when 50% capacity has been reached.
4. Re-fertilize and reseed all exposed areas as needed.
5. The sediment ponds must be cleaned out when the capacity falls to 50% or 1,800 cu.ft. per acre drained.

Long Term Maintenance Plan

1. Maintain or restore all vegetated areas to provide good ground cover.
2. The Owner will inspect the site periodically to check for maintenance issues.
3. During the construction phase, the operator shall be the responsible party to make sure this plan is executed correctly.
4. Should the owner lease, sub-lease or sell all or a portion of the property, the owner shall assign responsibility to the new party in written form. A copy of said form shall be sent to the Office of Pollution Control for concurrence.
5. The sediment ponds must be cleaned out when capacity falls to 50% or 1,800 cu. Ft. per acre drained.



- GENERAL NOTES:**
1. FAIRCLOTH SKIMMER® FLOW RATES WERE USED AS THE BASIS OF DESIGN WHEN DETERMINING DRAINAGE CALCULATIONS. UTILIZING A PRODUCT FROM AN ALTERNATIVE MANUFACTURER WILL CREATE A SIGNIFICANT DEVIATION TO THE DESIGN AND MUST BE APPROVED AND RECALCULATED BY THE DESIGN ENGINEER.
 2. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
 3. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
 4. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
 5. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED.
 6. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
 7. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
 8. EIGHT SIZES OF SKIMMERS ARE AVAILABLE, REFER TO THE FLOW SHEET, CUT SHEET, AND INSTRUCTIONS ON WEB SITE FOR EACH SIZE.
 9. BARREL PIPE SHOULD BE 1.4 X DEPTH OF THE BASIN TO ENSURE PROPER FUNCTION.



FAIRCLOTH SKIMMER® DISCHARGE SYSTEM WITH OUTLET STRUCTURE

DRAWN BY T. R. EVANS 06/23

FAIRCLOTH SKIMMER
 WWW.FAIRCLOTHSKIMMER.COM
 TELEPHONE: (919) 732-1244
 FAX: (919) 732-1266
 EMAIL: SALES@FAIRCLOTHSKIMMER.COM



*INSTRUCTIONS FOR ENGINEERS:
 How to specify a Faircloth Skimmer® surface drain*

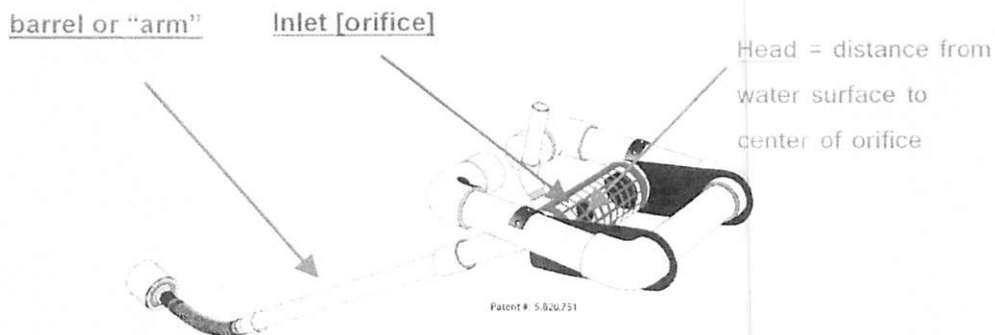
1. The Faircloth Skimmer® surface drain is sized by the maximum size of the inlet or orifice where water enters the skimmer. We make 8 different sizes ranging from 1-1/2" to 8". (NOTE: Always use the manufacturer's sizing guidelines – orifice size is not the only factor in dewatering time.)
2. The skimmer can be customized by the user to reduce the flow rate to the desired dewatering time by reducing the size of the orifice. Each Faircloth Skimmer® includes a *plug* and *adjustable cutter* for making the orifice (hole) smaller than the inlet diameter to customize the flow rate for the particular basin in which the skimmer will be used.
3. Skimmer sizing instructions and a sizing calculator are available at <http://fairclothskimmer.com/skimmer-sizing>. If you choose to manually calculate the size please be sure to specify the diameter not just the radius. Plans should include both the **SKIMMER SIZE** and the **ORIFICE DIAMETER SIZE**.

EXAMPLE:

Basin/Trap	Volume (Cu. Ft)	Dewater time (Days)	Skimmer Size	Orifice Size
A	38,578	3 days	4"	3.2"
B	112,482	3 days	6"	5.1"

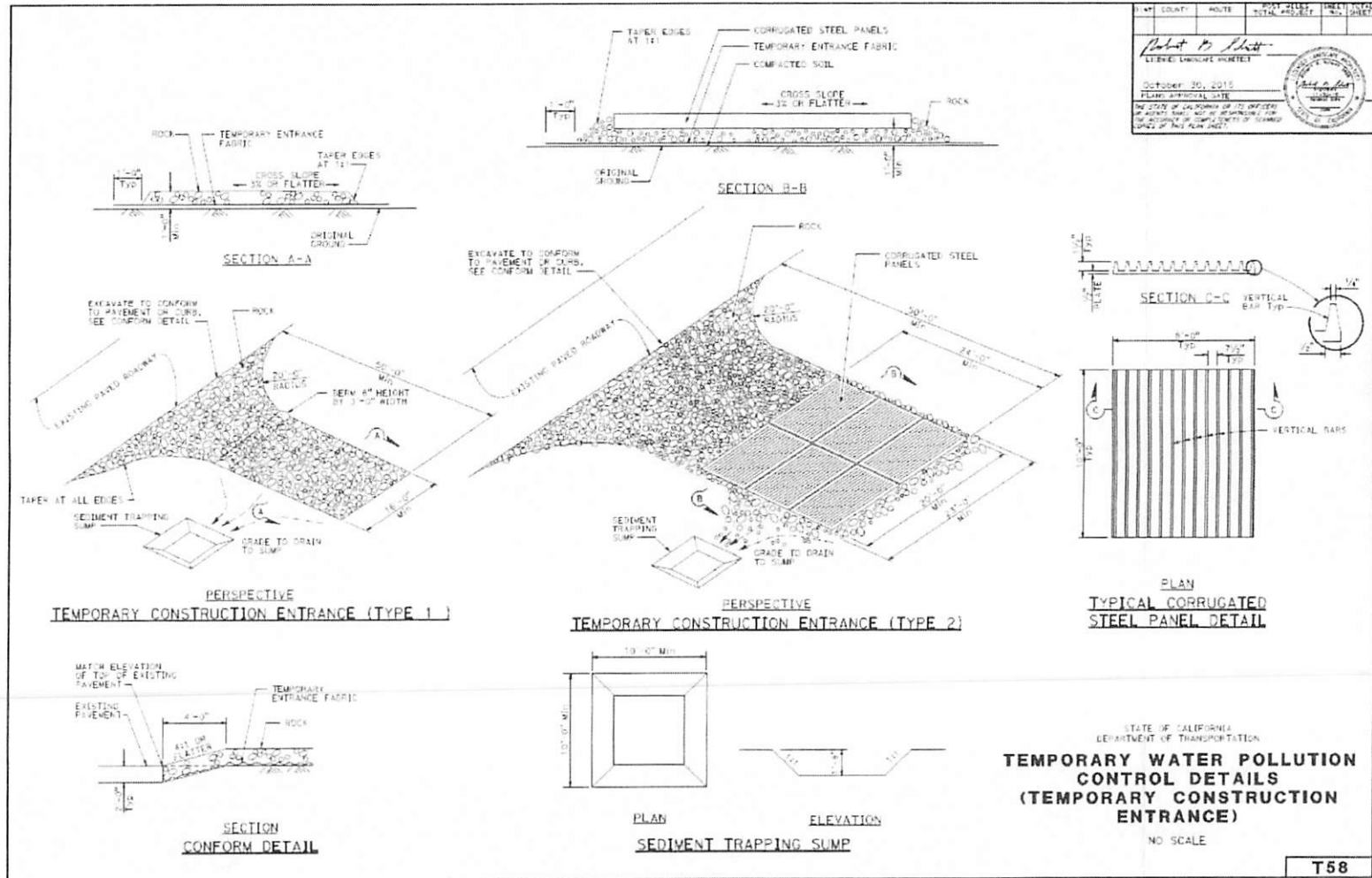
4. The head on the Faircloth Skimmer® refers to the depth of the center of the orifice below the surface of the water. The head on our skimmers allows a nearly constant flow rate as the basin fills and drains.
5. The barrel or arm of the Faircloth Skimmer® is smaller than the maximum orifice size of the skimmer to reduce the buoyancy when the pipe is less than full. This buoyancy would tend to lift the inlet causing it to float upward and could reduce flow through the skimmer. The arm is vented (see cut sheets) to allow the orifice size to control the flow rate. Many generic sketches or details of skimmers appear to use a barrel the same size as the inlet, but these do not accurately show features of the Faircloth Skimmer®. Please refer to the cut sheets and FAQ at www.FairclothSkimmer.com.
6. CAD drawings for use in plans are available at <http://fairclothskimmer.com/cad-drawings>.

**Extensive information on the Faircloth Skimmer® including a sizing template, cut sheets, installation instructions, and FAQ's is available at www.FairclothSkimmer.com.
 Questions? Call (919) 732-1244**



Temporary Construction Entrance/Exit

TC-1

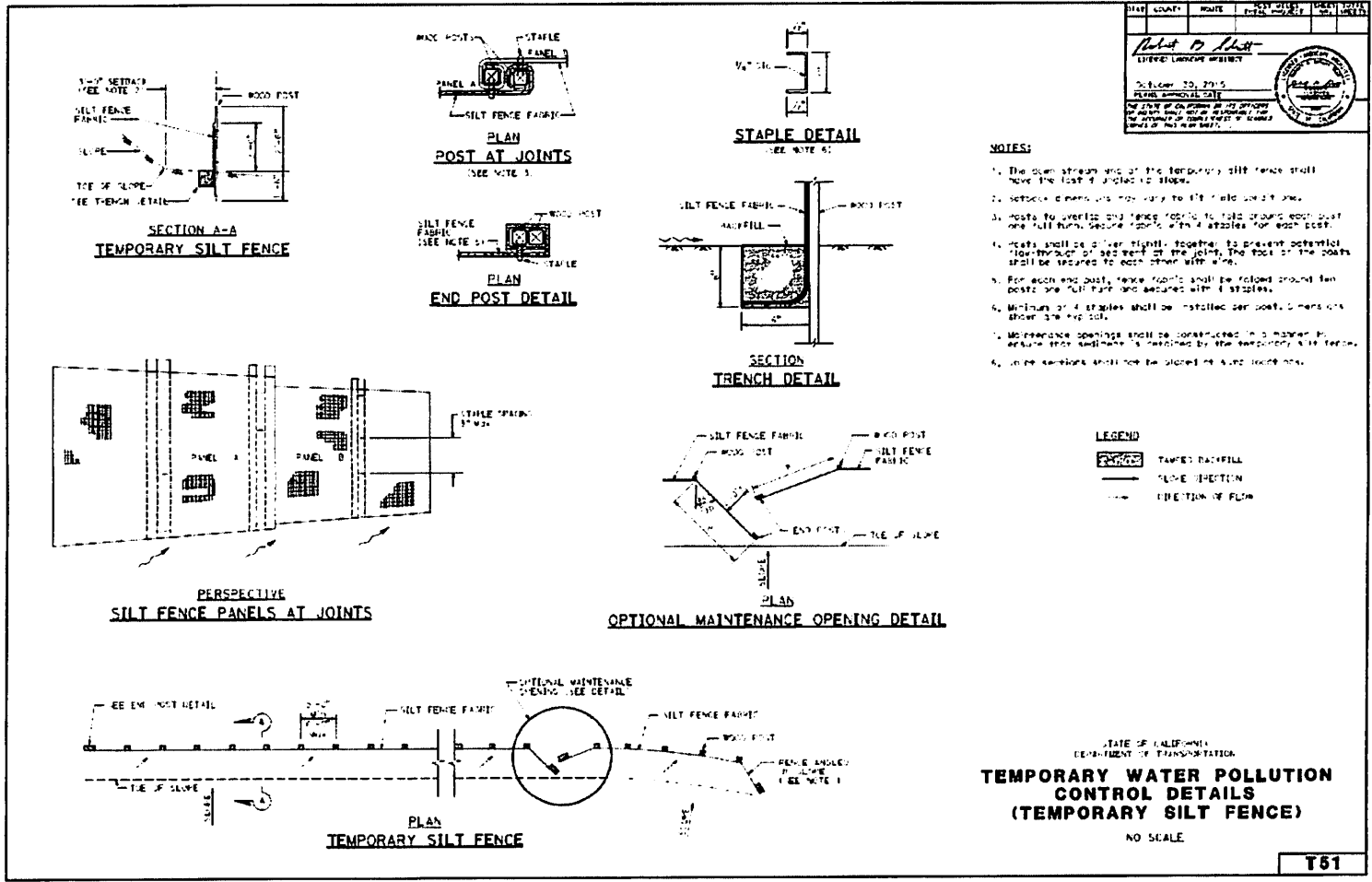


2015 STANDARD PLAN T58



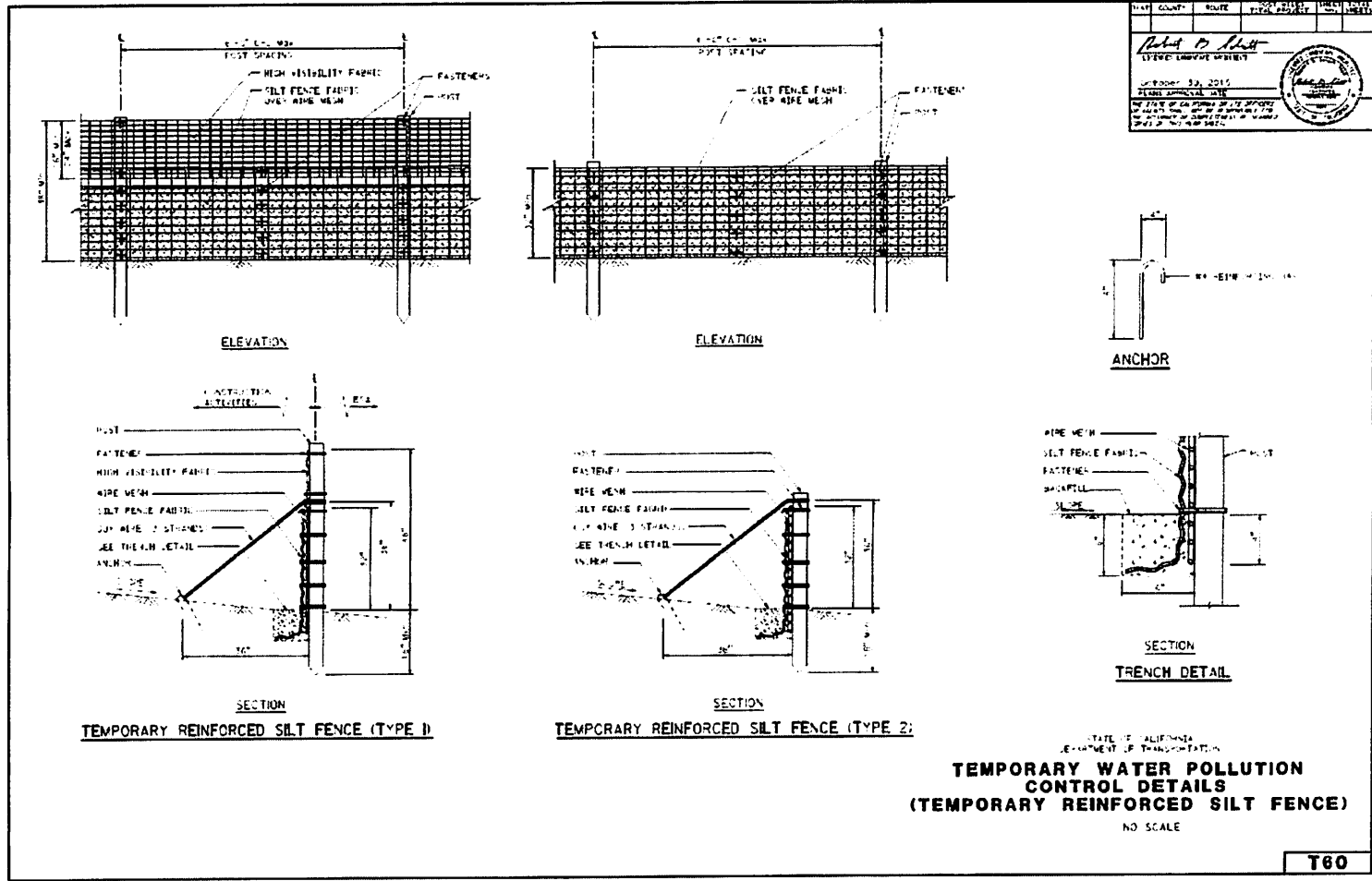
Temporary Silt Fence

SC-1



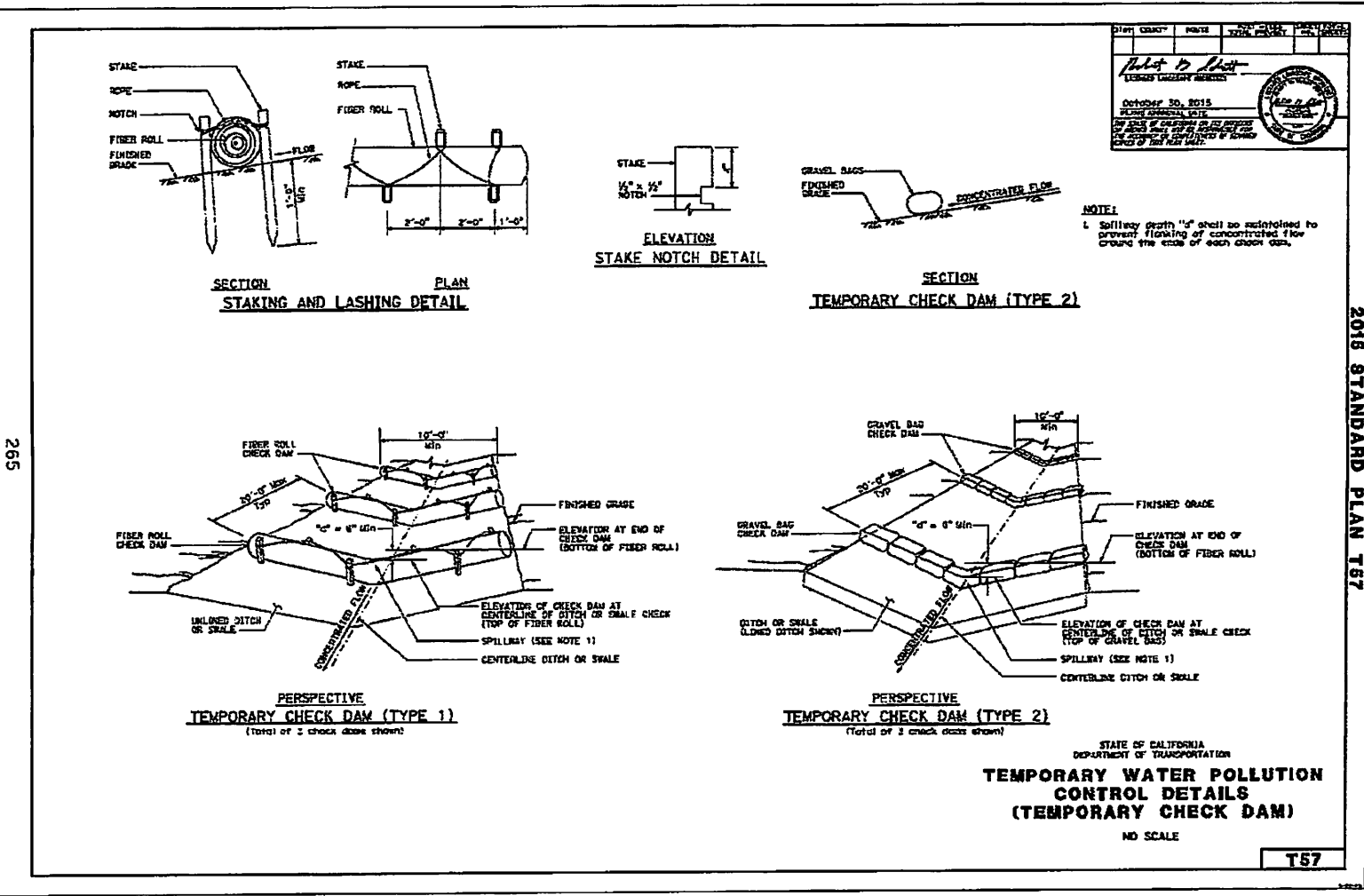
Temporary Silt Fence

SC-1



Check Dams

SC-4



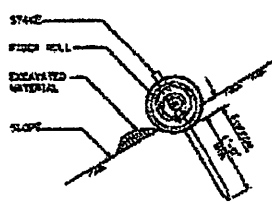
265

2018 STANDARD PLAN T57

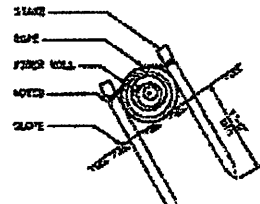


Fiber Rolls

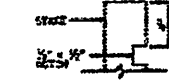
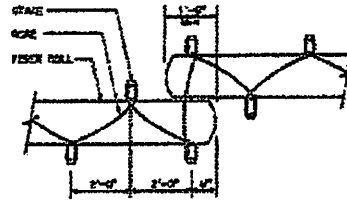
SC-5



SECTION
TEMPORARY FIBER ROLL (TYPE 1)



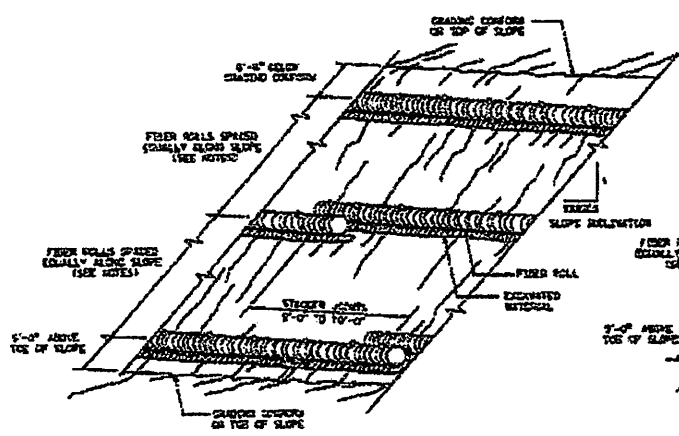
SECTION
TEMPORARY FIBER ROLL (TYPE 2)



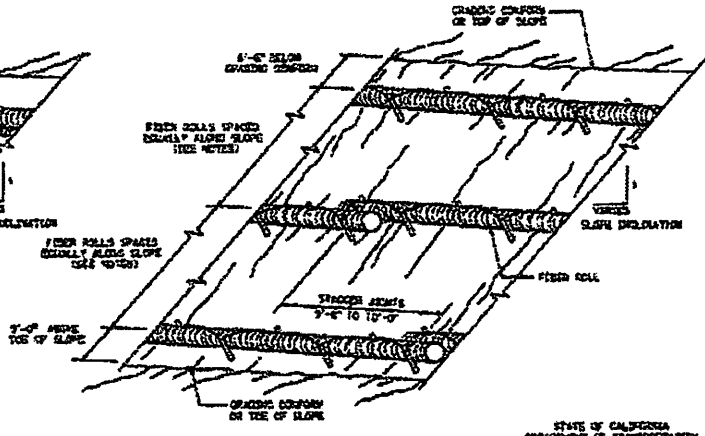
ELEVATION
STAKE NOTCH DETAIL

PROJECT NO.	DATE	TEMP. FIBER ROLL
<i>Blair D. [Signature]</i> LICENSED PROFESSIONAL ENGINEER October 20, 2013 STATE OF CALIFORNIA CIVIL ENGINEERING		

- NOTES:**
1. Temporary fiber roll spacing varies depending upon slope incline.
 2. Specifications stated in the permit have one for slope installation of 10:1 and steeper.



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 1)



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 2)


STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY FIBER ROLL)
NO SCALE

T56



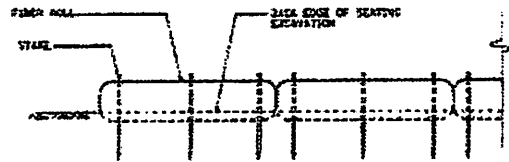
Fiber Rolls

SC-5

Sheet	CHAP	0076	0076	0076	0076
<p><i>John D. Hill</i> PROJECT ENGINEER</p> <p>DATE: 01/11/2004 DRAWN BY: J.D.H. CHECKED BY: J.D.H. SCALE: AS SHOWN</p> 					

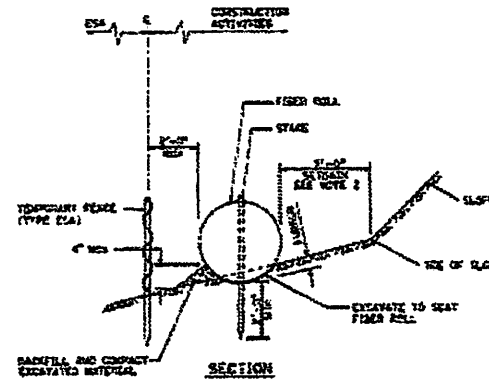
NOTES:

1. Temporary fence (Type ESA) shown for reference purposes only.
2. Setback dimensions may vary according to field conditions or as designated on plans.



FRONT ELEVATION

TEMPORARY LARGE SEDIMENT BARRIER



SECTION

PLACEMENT DETAIL FOR TEMPORARY FENCE (TYPE ESA) USED WITH TEMPORARY LARGE SEDIMENT BARRIER

(See Note 1)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
(TEMPORARY LARGE SEDIMENT BARRIER)

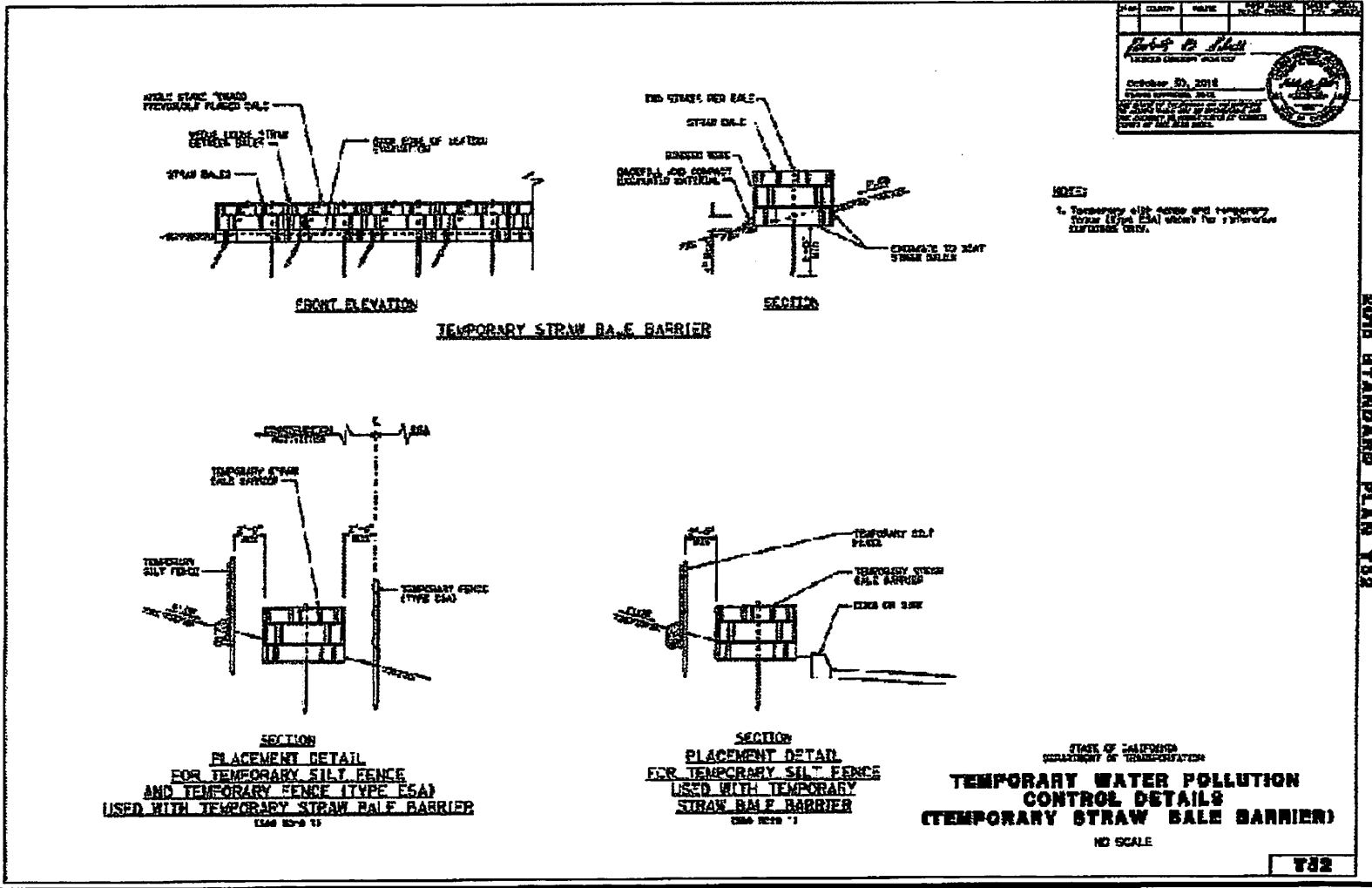
NO SCALE

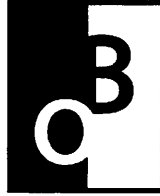
T66



Straw Bale Barrier

SC-9





O'NEAL - BOND
Engineering Inc. since 1969

P.O. Box 369 Wiggins, Mississippi 39577

Email: haley@onealbondeng.com | Phone: 601-928-7390

RECEIVED

AUG 10 2023

Job Number 21143

Dept. of Environmental Quality

August 8, 2023

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

**RE: Wrens Construction LLC
Wrens 26 Pit
Stormwater Permit**

To Whom It May Concern:

Included in this package is the Mining Notice of Intent (MNOI) for Coverage under Mining Storm Water, Dewatering and No Discharge General Perment application submitted on behalf of Wrens Construction LLC. The pit, named Wrens 26, is located in the Northeast ½ of the Southwest ¼ of Section 1, Township 3 South, Range 13 West, Stone County, Mississippi, on Old Highway 26. In addition to the MNOI, we have included maps showing the pit's location, a general site plan, and pre/post mining conditions. Also included is a narrative detailing the stormwater prevention plan and details showing how those preventative measures will be achieved.

Please let us know if you have any questions or comments.

Thank You,

Haley N. Dickens, E.I., S.I.

Attachment