GOMESA PHASE II PROJECT FUNDING

Request for Funding FY2026

Submission ID: #202507311339

PROJECT SUMMARY

1. Title of Project

Cambridge Square Water Quality and Stormwater Runoff Improvements

2. Location of Project

City of Gautier, Jackson County, MS

3. Requesting Organization:

City of Gautier

4. Requesting Agency Representative

a. Name:	Paula Yancey
b. Phone:	228-497-8000
d. Email:	pyancey@gautier-ms.gov
c. Address:	3330 Highway 90
	Gautier Mississippi

5. Funding Requested:

$4519656.00

6. Have any other State or Federal funding sources been identified for the project?

No

7. If yes, enter amount and source of additional funds:

$

Source of Additional Funds:

8. Total Project Funds

$4519656.00

GOMESA PHASE II PROJECT FUNDING
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9. Provide Brief Project Description/Overview:

The project will consist of improving water quality and stormwater runoff. The watershed's outfall is the Pascagoula River which directly impacts the Gulf of America.
The project location is the Cambridge Square residential area. The design will treat stormwater runoff with constructed ecosystem structures to improve the water quality prior to release into the Gulf of America.

10. LIST Project Goals/Objectives:

1.) Improved water quality from a watershed that directly impacts the Gulf of America.
2.) Coastal Restoration
3.) Utilize stormwater treatment structures to remove sediment from the stormwater runoff. Therefore, decreasing pollutant discharges to the Pascagoula River and Gulf of America.

11. Which of the following authorized uses set forth in the GOMESA Act does this project fall under? Explain SPECIFICALLY and in detail how the project meets the required criteria. Check all that apply - At least one must be checked.

☒ (A) Projects and activities for the purposes of coastal protection, including conservation, coastal restoration, hurricane protection, and infrastructure directly affected by coastal wetland losses

Erosion control measures will be implemented to aid in coastal restoration, hurricane protection and loss of coastal wetlands.

☒ (B) Mitigation of damage to fish, wildlife, or natural resources.

Removing pollutants prior to discharging into the Pascagoula River and Gulf of America will mitigate harm to fish, wildlife and natural resources.

☐ (C) Implementation of a federally-approved marine, coastal, or conservation management plan

☐ **(D) Mitigation of the impact of Outer Continental Shelf activities through funding of onshore infrastructure projects.**

12. Project Timetable/Milestones:

Topographic Surveying: 3 months
Geotechnical Investigation: 3 months
Engineering Design and Permitting: 6 months
Construction: 18 months

13. Project Timing

Short-term (3 year or less)

GOMESA PHASE II PROJECT FUNDING

Request for Funding FY2026

Submission ID: #202507311339

APPLICATION SUMMARY QUESTIONNAIRE

14. Current status of architectural/engineering plans & specifications for this project (if applicable):

Group 1:

In Progress

Group 2:

Funds not budgeted

15. In what way does this project meet the goals and objectives of the Department of Marine Resources, which includes enhancing, protecting and conserving the marine interest of Mississippi for present and future generations.?

The project meets several goals and objectives of the Department of Marine Resources. The improvement of water quality, erosion control, and decreasing pollutant discharges into the Gulf of America will enhance, protect and conserve the marine interest for present and future generations.

16. Estimated number of years to completion:

3

17. Estimated Completion Date:

December, 2028

18. Prioritize if your agency has submitted multiple projects:

N/A

GOMESA PHASE II PROJECT FUNDING

Request for Funding FY2026

Submission ID: #202507311339

BUDGET

Category	Total
Salaries	
Travel	
Architecture & Engineering	750000
Legal	
Consulting	
Construction	3769656
Site Work	
Equipment	
Indirects	
Other	
Total	4519656

Attachments

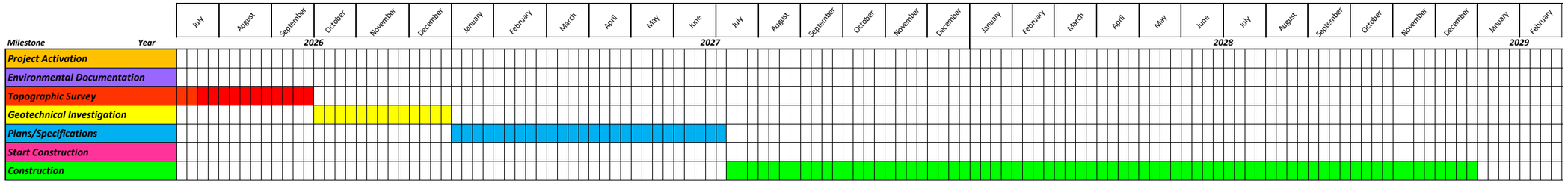
1. cover-letter.pdf
2. cambridge-square-scope-of-work-rev..pdf
3. cambridge-square-opc-2.pdf
4. cambridge-square-roadway-map-2.pdf
5. cambridge-square-plans.pdf
6. cambridge-square-milestones.pdf

☒ I hereby certify under penalty of perjury that all information contained in this application packet is true and correct. I have not knowingly or intentionally provided any false information. I understand that a false statement on this application may be grounds for rejection of my application or termination of the award. In addition, a false statement may be punishable under applicable state or federal laws, which may also result in a fine and/or imprisonment.

☒ I certify that the above referenced agency / entity has given me the authority to submit this application.

Name	Phone	Date
Paula Yancey	228-497-8000	07/31/2025

City of Gautier
Cambridge Square Water Quality and Stormwater Runoff Improvements



Mark M. Seymour, Jr., P.E.

SEYMOUR ENGINEERING

CAMBRIDGE SQUARE WATER QUALITY & STORMWATER RUNOFF IMPROVEMENTS

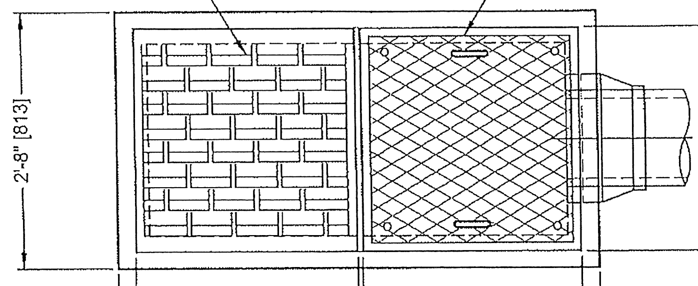
PRELIMINARY OPINION OF PROBABLE COST

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST
202-B073	Removal of Concrete Pavements, All Depths	30,000	SY	$ 12.00	$ 360,000.00
203-A001	Unclassified Excavation, FM, AH	4,000	CY	$ 14.40	$ 57,600.00
203-EX020	Borrow Excavation, AH, GME, Class B9	1,000	CY	$ 25.20	$ 25,200.00
304-H002	Size 610 Crushed Stone Base, LVM	5,000	CY	$ 180.00	$ 900,000.00
403-A006	19-mm, ST, Asphalt Pavement	3,100	TON	$ 156.00	$ 483,600.00
403-A015	9.5-mm, ST, Asphalt Pavement	3,100	TON	$ 156.00	$ 483,600.00
601-B001	Class "B" Structural Concrete, Minor Structures	40	CY	$ 2,100.00	$ 84,000.00
602-A001	Reinforcing Steel	3,500	LBS	$ 1.56	$ 5,460.00
603-CA011	18" Reinforced Concrete Pipe, Class III	1,550	LF	$ 114.00	$ 176,700.00
603-CA026	24" Reinforced Concrete Pipe, Class III	1,400	LF	$ 138.00	$ 193,200.00
609-D003	Combination Concrete Curb and Gutter, Type 2	27,400	LF	$ 24.00	$ 657,600.00
			COST		$ 3,426,960.00
			CONTINGENCY (10%)		$ 342,696.00
			SUBTOTAL PART "A"		**$ 3,769,656.00**

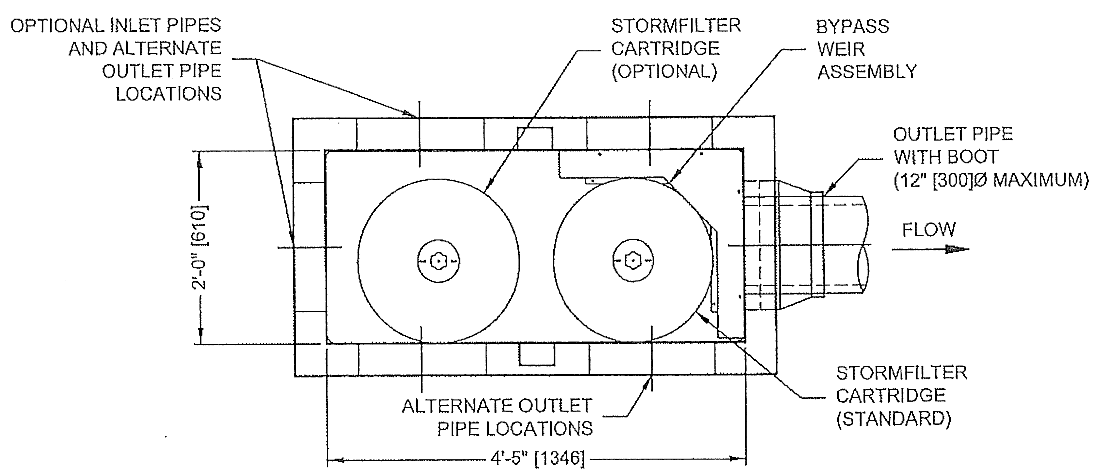
PART B: ENGINEERING FEES			
1	Geotechnical	$	10,000.00
2	Design Surveys	$	60,000.00
3	Engineering Design	$	350,000.00
4	Construction Engineering & Inspection	$	330,000.00
	SUBTOTAL PART "B"	**$**	**750,000.00**

TOTAL ESTIMATED PROJECT COST	**$**	**4,519,656.00**

31-Jul-25

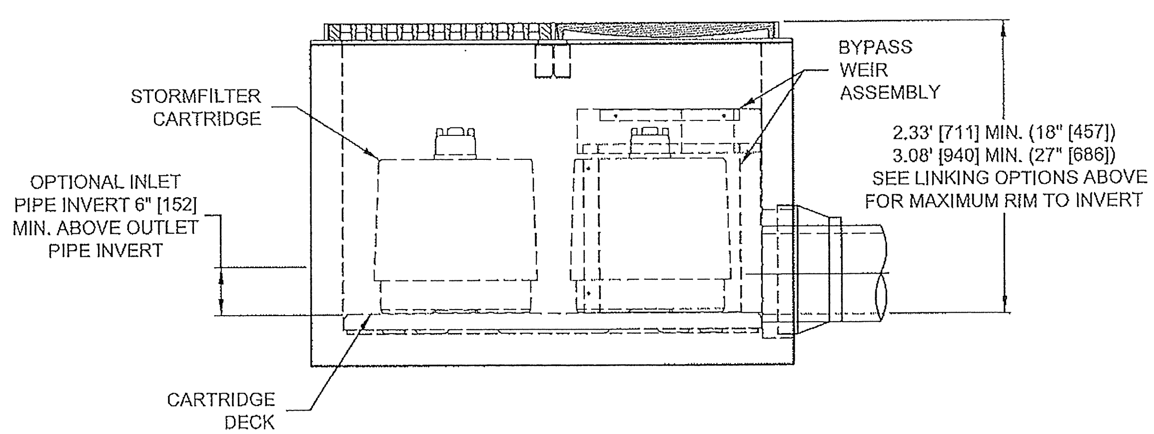


PLAN VIEW

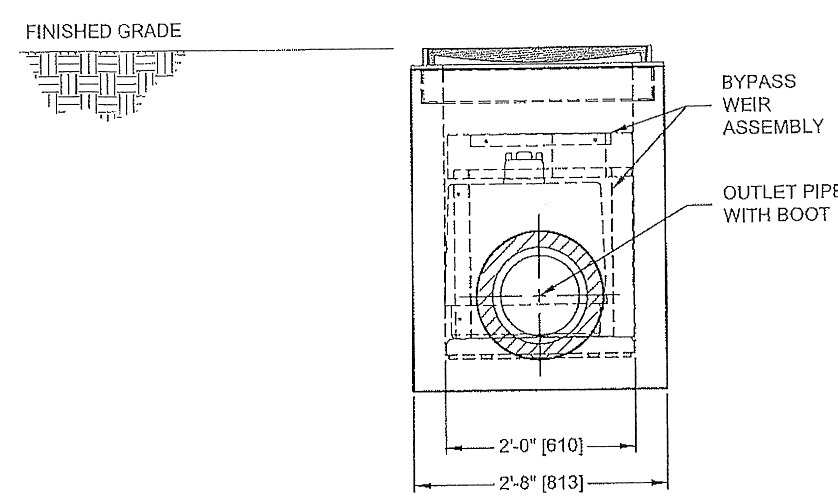


PLAN VIEW

CASTINGS NOT SHOWN



ELEVATION VIEW



RIGHT SIDE VIEW

The Stormwater Management StormFilter®

THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,322,629; 5,624,576; 5,707,527; 5,985,157; 6,027,639; 6,649,048; RELATED FOREIGN PATENTS, OR OTHER PATENTS PENDING.

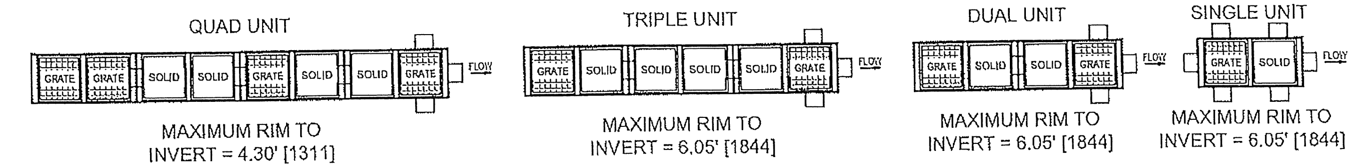
STORMFILTER DESIGN NOTES

- CONCRETE CATCHBASIN STORMFILTER TREATMENT CAPACITY VARIES BY CARTRIDGE COUNT AND LOCAL APPROVALS
- PEAK CONVEYANCE CAPACITY IS 1.3 CFS
- CONCRETE CATCHBASIN STORMFILTER IS AVAILABLE WITH UP TO TWO (2), 18" [457] OR 27" [686] TALL CARTRIDGES
- UP TO 4 INDIVIDUAL UNITS MAY BE LINKED FOR AN ULTIMATE CAPACITY OF EIGHT (8) CARTRIDGES

CARTRIDGE SIZE (in. [mm])	27 [686]			18 [457]		
ACTIVATION HEAD (ft. [mm])	3.08 [940]			2.33 [711]		
SPECIFIC FLOW RATE (gpm/sf [L/s/m²])	2 [1.36]	1.67* [1.13]*	1 [0.68]	2 [1.36]	1.67* [1.13]*	1 [0.68]
CARTRIDGE FLOW RATE (gpm [L/s])	22.5 [1.4]	18.79 [1.19]	11.25 [0.71]	15 [0.95]	12.53 [0.79]	7.5 [0.47]

* 1.67 gpm/sf [1.13 L/s/m²] SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY

LINKING OPTIONS SHOWN BELOW. FLEXIBLE INLET PIPE, GRATED AND SOLID COVER PLACEMENT. MAXIMUM HEIGHT FOR LINKED UNITS VARIES. CONTACT YOUR CONTECH REPRESENTATIVE FOR MORE INFORMATION



GENERAL NOTES

1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. ALTERNATE DIMENSIONS ARE MILLIMETERS [mm] UNLESS NOTED OTHERWISE.
4. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
5. STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
6. FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES [178]. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
7. SPECIFIC FLOW RATE IS THE MEASURE OF THE FLOW (GPM [L/S]) DIVIDED BY THE MEDIA SURFACE CONTACT AREA (SF [m²]).
8. STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 0'-2" [51] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.

INSTALLATION NOTES

1. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
2. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE.
3. CONTRACTOR TO PROVIDE AND INSTALL PIPES. MATCH PIPE INVERTS SHOWN ON PROJECT SPECIFIC DRAWINGS.
4. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	
WATER QUALITY FLOW RATE (cfs [L/s])	
PEAK FLOW RATE (cfs [L/s])	
RETURN PERIOD OF PEAK FLOW (yrs)	
CARTRIDGE SIZE (27, 18)	
CARTRIDGE FLOW RATE	
MEDIA TYPE (PERLITE, ZPG, PSORB)	
NUMBER OF CARTRIDGES REQUIRED	
RIM ELEVATION	

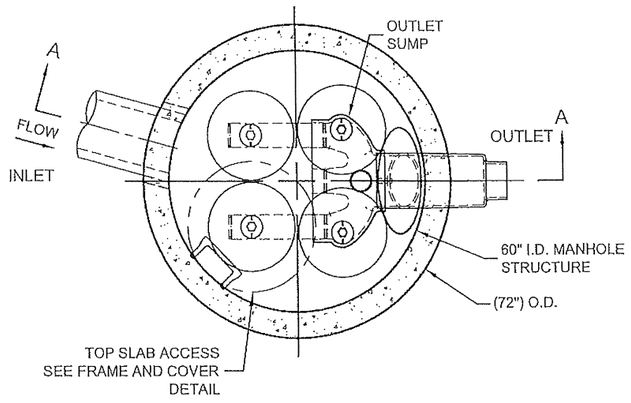
PIPE DATA:	INVERT	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			

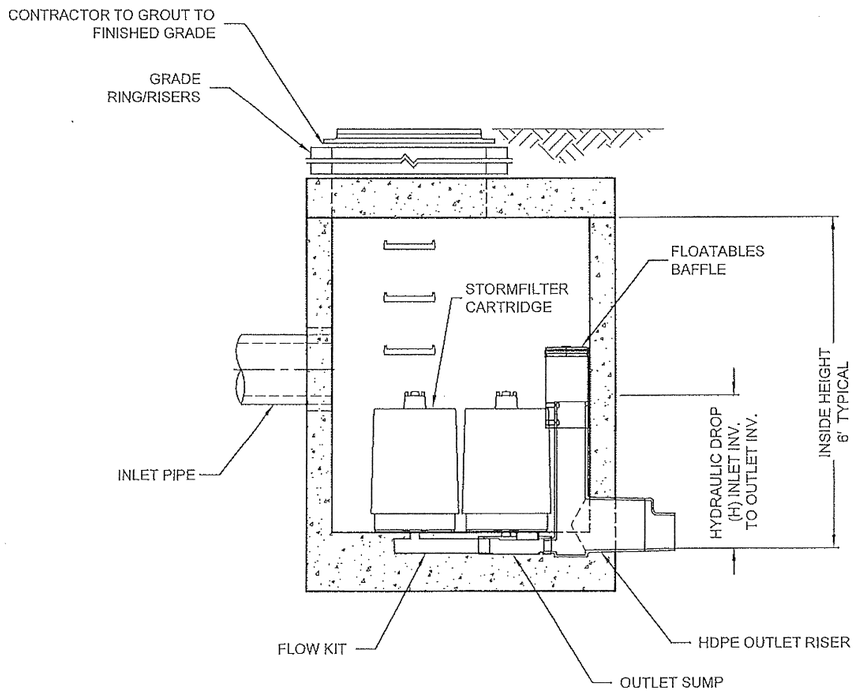
NOTES/SPECIAL REQUIREMENTS:

CONTECH® ENGINEERED SOLUTIONS LLC
www.ContechES.com
11815 NE Glenn Widing Drive, Portland, OR 97220
800-548-4667 503-240-3393 800-561-1271 FAX

CONCRETE CATCHBASIN STORMFILTER STANDARD DETAIL

I:\COMMON\CAD\TREATMENT\10 STORMFILTER\40 STANDARD DRAWINGS\SFCB\SFCB-C\DWG\IN PROCESS\SFCB-C-DTL-IN PROCESS.DWG 1/20/2022 11:50 AM





PLAN VIEW

STANDARD OUTLET RISER
FLOWKIT: 41A

SECTION A-A

The Stormwater Management StormFilter®

STORMFILTER DESIGN NOTES

STORMFILTER TREATMENTCAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. THE STANDARD MANHOLE STYLE IS SHOWN WITH THE MAXIMUM NUMBER OF CARTRIDGES (4). VOLUME SYSTEM IS ALSO AVAILABLE WITH MAXIMUM 4 CARTRIDGES. Ø60" MANHOLE STORMFILTER PEAK HYDRAULIC CAPACITY IS 1.0 CFS. IF THE SITE CONDITIONS EXCEED 1.0 CFS AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CARTRIDGE SELECTION

CARTRIDGE HEIGHT	27"		18"		LOW DROP	
RECOMMENDED HYDRAULIC DROP (H)	3.05'		2.3'		1.8'	
SPECIFIC FLOW RATE (gpm/sf)	2 gpm/ft²	1 gpm/ft²	2 gpm/ft²	1 gpm/ft²	2 gpm/ft²	1 gpm/ft²
CARTRIDGE FLOW RATE (gpm)	22.5	11.25	15	7.5	10	5

FRAME AND COVER

(DIAMETER VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	*
WATER QUALITY FLOW RATE (cfs)	*
PEAK FLOW RATE (cfs)	*
RETURN PERIOD OF PEAK FLOW (yrs)	*
# OF CARTRIDGES REQUIRED	*
CARTRIDGE FLOW RATE	*
MEDIA TYPE (CSF, PERLITE, ZPG, GAC, PHS)	*

PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE #1	*	*	*
INLET PIPE #2	*	*	*
OUTLET PIPE	*	*	*

RIM ELEVATION	*

ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

GENERAL NOTES

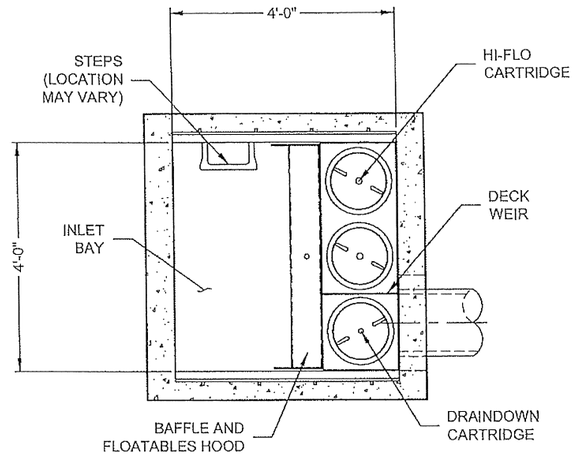
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR SITE SPECIFIC DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
4. STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
6. FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 39 SECONDS.
7. SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

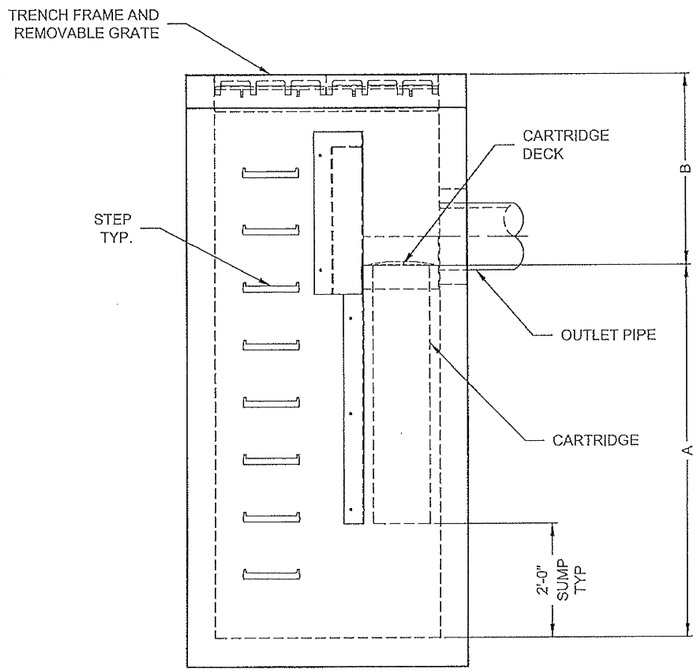
1. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
2. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE (LIFTING CLUTCHES PROVIDED).
3. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
4. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE(S).
5. CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER EQUIPPED WITH A DUAL DIAMETER HDPE OUTLET STUB AND SAND COLLAR. IF OUTLET PIPE IS LARGER THAN 8 INCHES, CONTRACTOR TO REMOVE THE 8 INCH OUTLET STUB AT MOLDED IN CUT LINE. COUPLING BY FERNCO OR EQUAL AND PROVIDED BY CONTRACTOR.
6. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

CONTECH®
ENGINEERED SOLUTIONS LLC
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

SFMH60
STORMFILTER
STANDARD DETAIL



PLAN VIEW
(TOP SLAB NOT SHOWN FOR CLARITY)

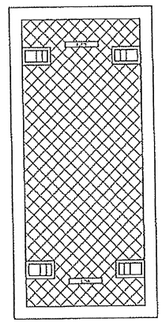


ELEVATION VIEW

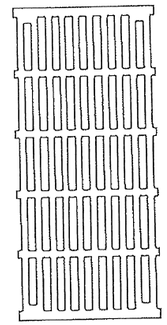
JELLYFISH DESIGN NOTES

JELLYFISH TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE LENGTH AND THE NUMBER OF CARTRIDGES. THE STANDARD SURFACE INLET STYLE WITH TRENCH GRATE AND COVER IS SHOWN. ALTERNATE CURB INLET OR PIPE INLET OPTIONS ARE AVAILABLE. PEAK CONVEYANCE CAPACITY TO BE DETERMINED BY ENGINEER OF RECORD.

CARTRIDGE SELECTION				
CARTRIDGE LENGTH	54"	40"	27"	15"
OUTLET INVERT TO STRUCTURE INVERT (A)	6'-6"	5'-4"	4'-3"	3'-3"
FLOW RATE HIGH-FLO / DRAINDOWN (CFS) (PER CART)	0.178 / 0.089	0.133 / 0.067	0.089 / 0.045	0.049 / 0.025
MAX. TREATMENT (CFS)	0.45	0.33	0.22	0.12
OUTLET INVERT TO RIM (MIN) (B)	3'-4"	3'-4"	3'-4"	3'-4"



24" TRENCH COVER
N.T.S.



24" TRENCH GRATE
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	*
WATER QUALITY FLOW RATE (cfs)	*
PEAK FLOW RATE (cfs)	*
RETURN PERIOD OF PEAK FLOW (yrs)	*
# OF CARTRIDGES REQUIRED (HF / DD)	*
CARTRIDGE LENGTH	*

PIPE DATA:	I.E.	MAT'L	DIA	SLOPE %	HGL
INLET #1	*	*	*	*	*
INLET #2	*	*	*	*	*
OUTLET	*	*	*	*	*

SEE GENERAL NOTES 6-7 FOR INLET AND OUTLET HYDRAULIC AND SIZING REQUIREMENTS.

RIM ELEVATION	*

ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

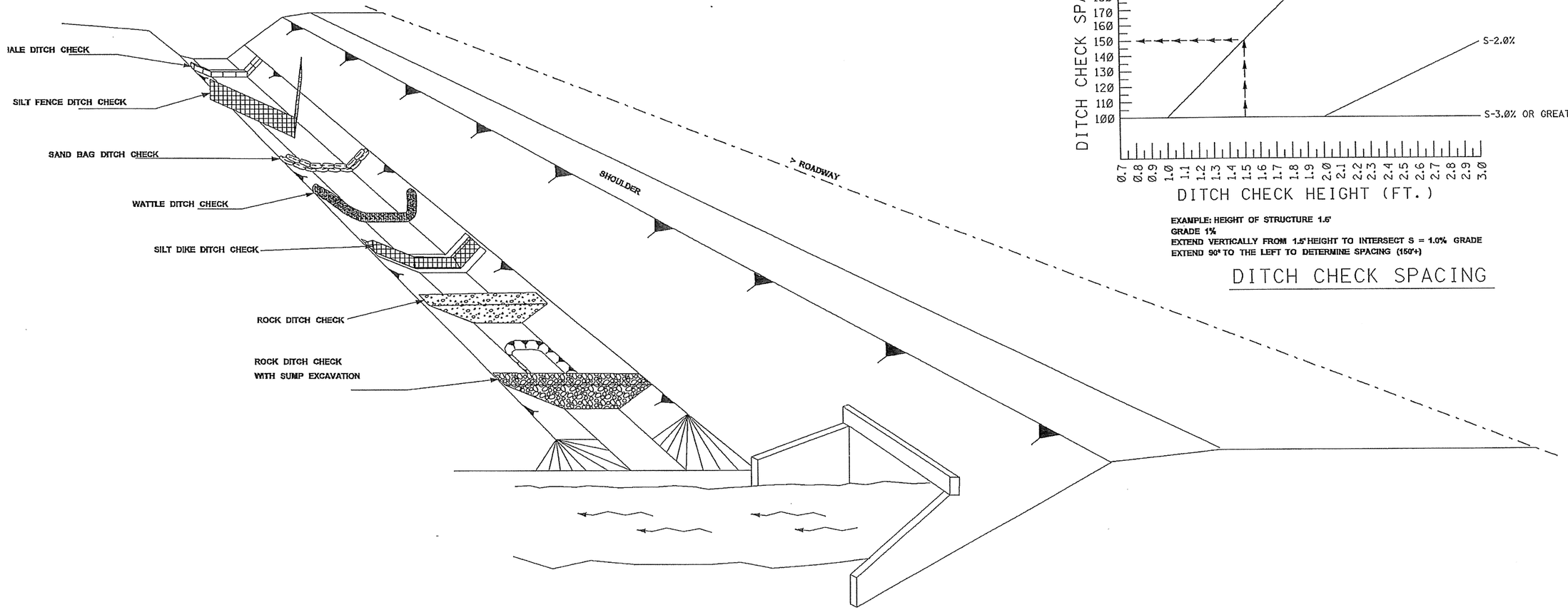
GENERAL NOTES:
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS REPRESENTATIVE. www.ContechES.com
3. JELLYFISH WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE SHALL MEET AASHTO HS-20 OR PER APPROVING JURISDICTION REQUIREMENTS, WHICHEVER IS MORE STRINGENT, ASSUMING EARTH COVER OF 0', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 LOAD RATING AND BE CAST WITH THE CONTECH LOGO.
5. STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-857, ASTM C-918, AND AASHTO LOAD FACTOR DESIGN METHOD.
6. OUTLET PIPE INVERT IS EQUAL TO THE CARTRIDGE DECK ELEVATION.
7. THE OUTLET PIPE DIAMETER FOR NEW INSTALLATIONS IS RECOMMENDED TO BE ONE PIPE SIZE LARGER THAN THE INLET PIPE (WHERE APPLICABLE) AT EQUAL OR GREATER SLOPE.
8. NO PRODUCT SUBSTITUTIONS SHALL BE ACCEPTED UNLESS SUBMITTED 10 DAYS PRIOR TO PROJECT BID DATE, OR AS DIRECTED BY THE ENGINEER OF RECORD.

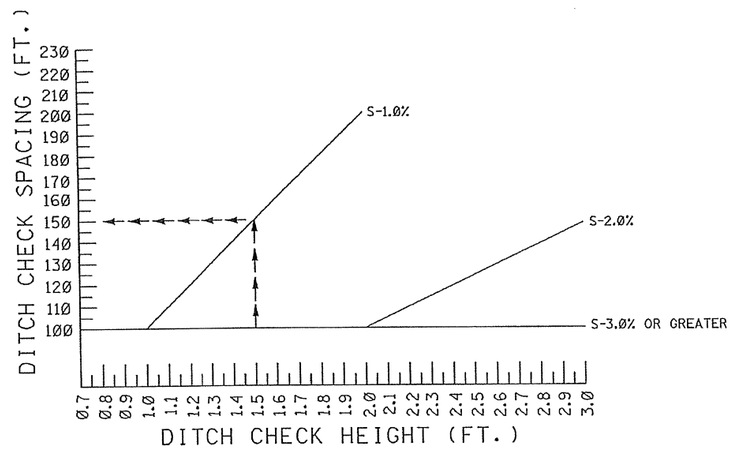
INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STRUCTURE.
C. CONTRACTOR WILL INSTALL AND LEVEL THE STRUCTURE, SEALING THE JOINTS, LINE ENTRY AND EXIT POINTS (NON-SHRINK GROUT WITH APPROVED WATERSTOP OR FLEXIBLE BOOT).
D. CARTRIDGE INSTALLATION, BY CONTECH, SHALL OCCUR ONLY AFTER SITE HAS BEEN STABILIZED AND THE JELLYFISH UNIT IS CLEAN AND FREE OF DEBRIS. CONTACT CONTECH TO COORDINATE CARTRIDGE INSTALLATION WITH SITE STABILIZATION.

Jellyfish® Filter

CONTECH®
ENGINEERED SOLUTIONS LLC
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

JELLYFISH JFSI0404
STANDARD DETAIL
SURFACE INLET CONFIGURATION



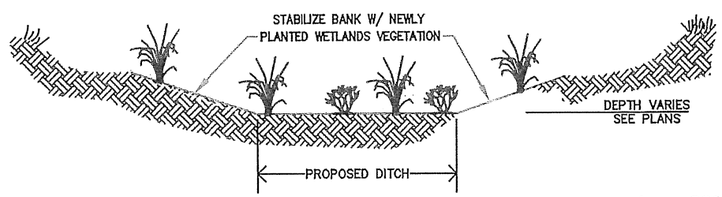


EXAMPLE: HEIGHT OF STRUCTURE 1.5'
GRADE 1%
EXTEND VERTICALLY FROM 1.5' HEIGHT TO INTERSECT S = 1.0% GRADE
EXTEND 90° TO THE LEFT TO DETERMINE SPACING (150'+)

DITCH CHECK SPACING

NOTES:

1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE, DRAINAGE AREA, DITCH GRADIENT, SOIL TYPE ECONOMY AND SAFETY.
3. DITCH CHECKS CAN BE REMOVED FOR MAINTENANCE AND/OR REPLACEMENT BUT MUST REMAIN IN PLACE UNTIL UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. MAINTENANCE INCLUDES REMOVAL OF SEDIMENT BEGINNING WHEN SEDIMENT ACCUMULATION REACHES 1/3 THE CAPACITY OR HEIGHT OF THE STRUCTURE AND NEVER ALLOWING FOR SEDIMENT TO ACCUMULATE MORE THAN 1/2 THE VOLUME OR HEIGHT OF THE DITCH CHECK STRUCTURE.
4. HAY BALES ARE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
5. SILT FENCE DITCH CHECKS ARE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALE CHECKS ARE INADEQUATE. SILT FENCE DITCH CHECKS ARE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
6. SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.
7. WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
8. SILT DIKES CAN BE USED IN DITCHES WITH CONCENTRATED FLOWS WITHIN THE CLEAR ZONE WHERE RIPRAP CAN NOT BE USED. AS CONSTRUCTION PROGRESSES.
9. ROCK DITCH CHECK WITH SUMP EXCAVATION CAN BE PLACED IN DITCHES TO ASSURE ON-SITE SEDIMENT TRAPPING REQUIREMENTS ARE MET. DITCH CHECK WITH SUMP EXCAVATION IS USED WHEN DITCHES RECEIVE DRAINAGE FROM CUT OR FILL SLOPES OR OTHER CRITICAL AREAS WHERE SOIL EROSION IS EXPECTED. DRAINAGE AREA FOR A TEMPORARY SEDIMENT TRAP SHALL NOT EXCEED 3 ACRES. THEY CAN BE USED IN SERIES TO INCREASE ON-SITE SEDIMENT TRAPPING EFFICIENCY.
10. IN GENERAL, DITCH CHECKS SHOULD NOT BE PLACED IN LIVE STREAMS.
11. CONFIGURATION AND SPACING MAY BE ADJUSTED IF APPROVED BY THE ENGINEER TO ACCOMODATE TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.



June 2022

CAMBRIDGE SQUARE

STREET	START	END
CHATHAM COURT	30°25'18.99"N, 88°38'31.88"W	30°25'22.14"N, 88°38'32.47"W
CHELSEA COURT	30°25'19.32"N, 88°38'35.73"W	30°25'21.44"N, 88°38'35.60"W
COURTNEY DRIVE	30°25'22.87"N, 88°38'21.71"W	30°25'22.27"N, 88°38'11.21"W
NEWCASTLE DRIVE	30°25'19.25"N, 88°38'25.73"W	30°25'27.62"N, 88°38'26.73"W
PICADILLY CIRCUS	30°25'19.70"N, 88°38'39.05"W	30°25'19.11"N, 88°38'28.84"W
SOUTH HAMPTON DRIVE	30°25'19.59"N, 88°38'47.10"W	30°25'21.94"N, 88°38'48.74"W
TALLEY COURT	30°25'25.57"N, 88°38'46.97"W	30°25'24.95"N, 88°38'49.72"W
VICTORIA DRIVE (CLARESHOLM)	30°25'27.06"N, 88°38'51.72"W	30°25'22.27"N, 88°38'11.21"W
WATERLOO COURT	30°25'28.01"N, 88°38'44.10"W	30°25'25.02"N, 88°38'42.08"W
WELLINGTON DRIVE	30°25'19.73"N, 88°38'43.83"W	30°25'27.98"N, 88°38'47.04"W
WOODSTOCK COURT	30°25'23.72"N, 88°38'36.95"W	30°25'24.67"N, 88°38'39.32"W

GENERAL NOTE:

RESIDENTIAL STREETS LISTED AND SHOWN ABOVE ARE ALL WITHIN A 50' (FIFTY FEET) RIGHT-OF-WAY (ROW).

NO.	DATE	REVISION	BY

CAD K. NETTO
ENGINEER M. SEYMOUR
APPROVED M. SEYMOUR
DATE 07/31/2025

SEYMOUR ENGINEERING
925 TOMMY MUNRO DRIVE
SUITE G
BILOXI, MS 39532
(228) 385-2350
se@seymoureng.com

SITE PLAN

CAMBRIDGE SQUARE WATER QUALITY & STORMWATER RUNOFF IMPROVEMENTS

GAUTIER, MISSISSIPPI

PROJECT NUMBER 18-066.09

SHEET G-01

Cambridge Square
Water Quality and Stormwater Runoff Improvements
City of Gautier

Project Description

The Project location is the Cambridge Square Residential area. The design will treat stormwater runoff with constructed ecosystem structures to improve the Water Quality prior to release into the Gulf of America.

The Project components will consist of installing stormwater treatment structures to remove pollutants prior to discharge. The infrastructure network includes a series of 18", 24", and 36" reinforced concrete pipes. Grassed outfall swales will be utilized as secondary treatment system. Erosion control measures will also be implemented throughout the project.

SEYMOUR ENGINEERING

Civil Engineers & Professional Land Surveyors

July 31, 2025

General Joe Spraggins
Executive Director
Mississippi Department of Marine Resources
1141 Bayview Avenue
Biloxi, MS 39530

Re: City of Gautier
Cambridge Square Water Quality and Stormwater Runoff Improvements

Dear General Spraggins:

Please find attached for review a project designed to improve coastal water quality, protect our natural resources, and mitigate damage to fish and wildlife.

The Cambridge Square Water Quality project will require $4,519,656.00 to complete. We are requesting GOMESA funds to fully address the water quality needs to properly maintain our coastal waters.

Best regards,
SEYMOUR ENGINEERING

Mark M. Seymour, Jr., P.E.
President

Attachments

tmp

925 Tommy Munro Dr., Ste. G, Biloxi, MS 39532
Phone: 228-385-2350 Fax: 228-385-2353 Email: se@seymoureng.com