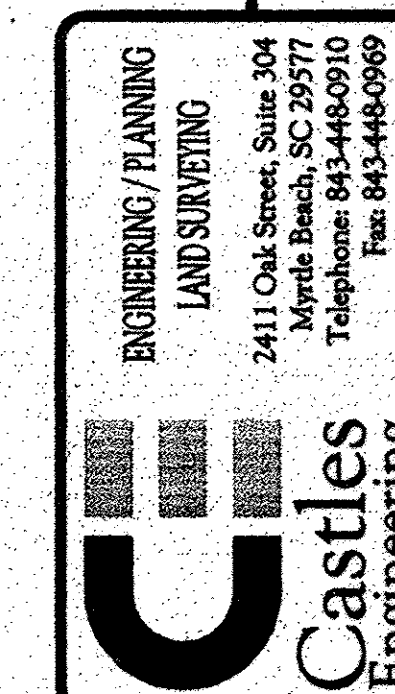




STORMWATER DRAINAGE SYSTEMS
RECORD DRAWING FOR:
GSWSA BUCKSPORT
COMPOSTING FACILITY

PERMIT NUMBERS
SCDHCC-OCRM PERMIT No.■ SCR10M921
HORRY COUNTY STORMWATER APPROVAL PERMIT #1863 DATED JULY 28, 2010
HORRY COUNTY STAMPED PLAN APPROVALS DATED JULY 21, 2010
USACOE PERMIT No.■ SAC81-2005-1174-3 DATED JULY 19, 2005



PROJECT SUMMARY:
COMPOSTING FACILITY LOCATED IN BUCKSPORT, HORRY COUNTY, SC
TAX PARCEL: PORTION OF TMS#183-00-04-055
CURRENT ZONING: LFA
TOTAL PROJECT AREA - 14.59 ACRES
PROPOSED LAND DISTURBANCE AREA - 9.19 ACRES
USE: COMPOST FACILITY
DRAINAGE: PRIVATE

FLOOD ZONE INFORMATION

**THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" AS SCALED
FROM F.I.R.M. No. 46051C0886 H DATED AUGUST 23, 1989.**

HORIZONTAL DATUM: NAD 83
VERTICAL DATUM: NAVD 88
BENCHMARK: TBM 1/2" IRON PIPE
ELEVATION-14.61 SHOWN
ON SHEET 2 OF 2

DATE OF INSTALLATION:
SPRING 2011

RECORD DRAWING NOTES:

1. **PARENT TMS#:** 183-00-04-055
2. **OWNER OF RECORD:** GSW&S
P.O. Box 2368
CONWAY, SC 29528
803-463-8200
3. **ALL DISTANCES SHOWN ARE HORIZONTAL DISTANCES.**
4. **VERTICAL SEPARATION OF THE UTILITY LINES & DRAINAGE PIPES SHOWN ON PLAN ARE APPROXIMATE.**
5. **RECORD DRAWINGS PREPARED FROM FIELD SURVEY AND INFORMATION PROVIDED BY CONTRACTOR.**
6. **ALL COMMON AREAS, PONDS, DRAINAGE EASEMENTS & DRAINAGE STRUCTURES ARE TO REMAIN PRIVATE AND BE MAINTAINED BY THE DEVELOPER.**
7. **WATER SYSTEMS RECORD DRAWING SOLELY BASED UPON INFORMATION PROVIDED BY GSW&S "BUCKSTOP COMPOST FACILITY DESIGN"**

LEGEND

	LIGHT POLE/POST		SEWER MANHOLE
	GAS VALVE		SEWER SERVICE
	GAS LINE SERVICE		AIR RELEASE VALVE
	OVERHEAD POWER LINE		FIRE HYDRANT
	POWER BOX/TRANSFORMER		WATER VALVE
	UTILITY POLE W/STAY		WATER SERVICE
	TELEPHONE BOX/PEDESTAL		TEMPORARY BENCH MARK/ CORE LOCATION
	TELEPHONE		ELECTRIC OUTLET
	UNDERGROUND ELECTRIC		
	CATV BOX/PEDESTAL		
	JUNCTION BOX		DRAINAGE PIPE
	CATCH BASIN		
	FORCE MAIN LINE		CONCRETE AREA
	SEWERLINE		
	WATERLINE		

GEOTECHNICAL CONSULTANT

S&ME, INC.
1330 HWY 501 BUSINESS
CONWAY, SC 29526
(843) 347-7800

OWNER / DEVELOPER

GSWSA
P.O. BOX 2368
CONWAY, SC 29528
(843) 443-8200
CONTACT: CHRISTY EVERETT

LAND SURVEYOR

ASSOCIATED LAND SURVEYORS
2411 OAK STREET, SUITE 304
MYRTLE BEACH, SC 29577
(843) 626-7393

CONTRACTOR

M.B. KAHN CONSTRUCTION CO., INC.
736 HIGHWAY 501 EAST
CONWAY, S.C. 29526
(843) 234-6490
CONTACT: LINDSAY McKNIGHT

SHEET INDEX

DESCRIPTION

RECORD DRAWING COVER SHEET
STORMWATER DRAINAGE SYSTEMS RECORD DRAWING

SHEET

1 OF 2
2 OF 2

REFERENCES:

- 1) WETLAND SURVEY OF SITE DATED FEB. 23, 1999 FOR GRAND STRAND WATER & SEWER BY ASSOCIATED LAND SURVEYORS.
- 2) TOPOGRAPHIC SURVEY OF SITE DATED NOV. 18, 2009 BY ASSOCIATED LAND SURVEYORS.

I HEREBY CERTIFY THAT THE STORMWATER DRAINAGE SYSTEMS SHOWN HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND ARE TO THE BEST OF MY KNOWLEDGE, AS SHOWN ON THESE RECORD DRAWINGS.


 JOHN R. POSTON, P.E., P.L.S.
 #20964
 REGISTRATION NUMBER

06-09-
DATE

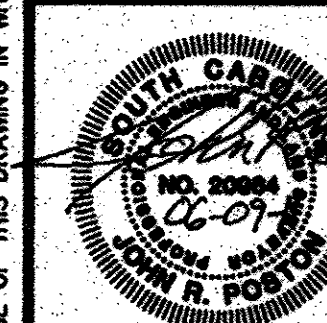
STORMWATER DRAINAGE SYSTEMS RECORD DRAWING COVER SHEET

BUCKSPORT COMPOSTING FACILITY

for
GRAND STRAND WATER & SEWER AUTHORITY
HOBBY COUNTY, SOUTH CAROLINA

SCALE: N.T.S
DESIGNED BY: TEH
DRAWN BY: TCM
CHECKED BY: RH
DATE ISSUED: 05/25/1

REPRODUCTION OR RELEASE OF THIS DRAWING IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN

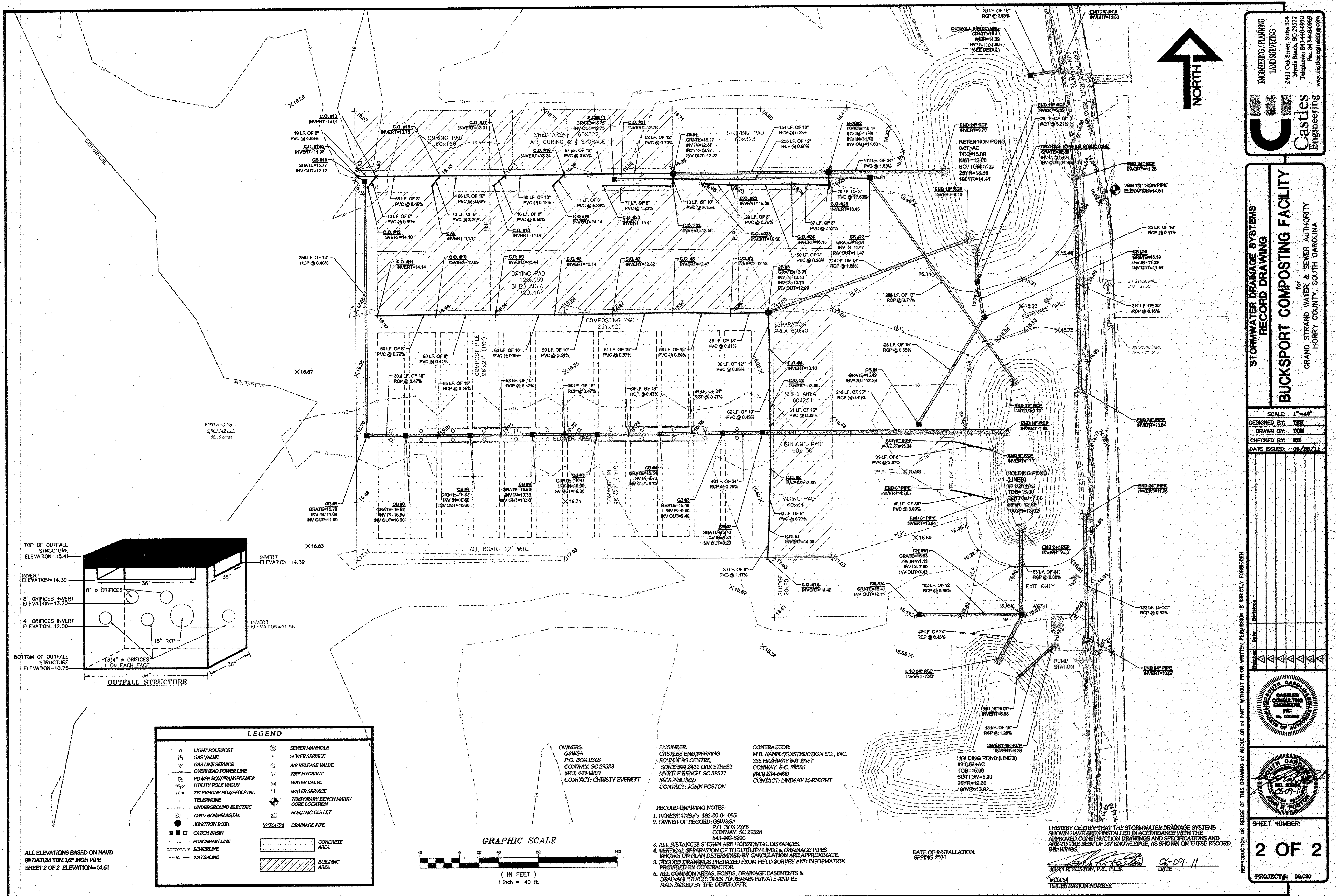


SHEET NUMBER-

1 OF 5

PROJECT#: 09.030

26-048-001 /5



ENGINEERING / PLANNING
LAND SURVEYING

2411 Oak Street, Suite 304
Myrtle Beach, SC 29577
Telephone: 843-448-0910
Fax: 843-448-0909
www.castlesengineering.com

Castles
Engineering

STORMWATER DRAINAGE SYSTEMS
RECORD DRAWING

BUCKSPORT COMPOSTING FACILITY

for
GRAND STRAND WATER & SEWER AUTHORITY
HORRY COUNTY, SOUTH CAROLINA

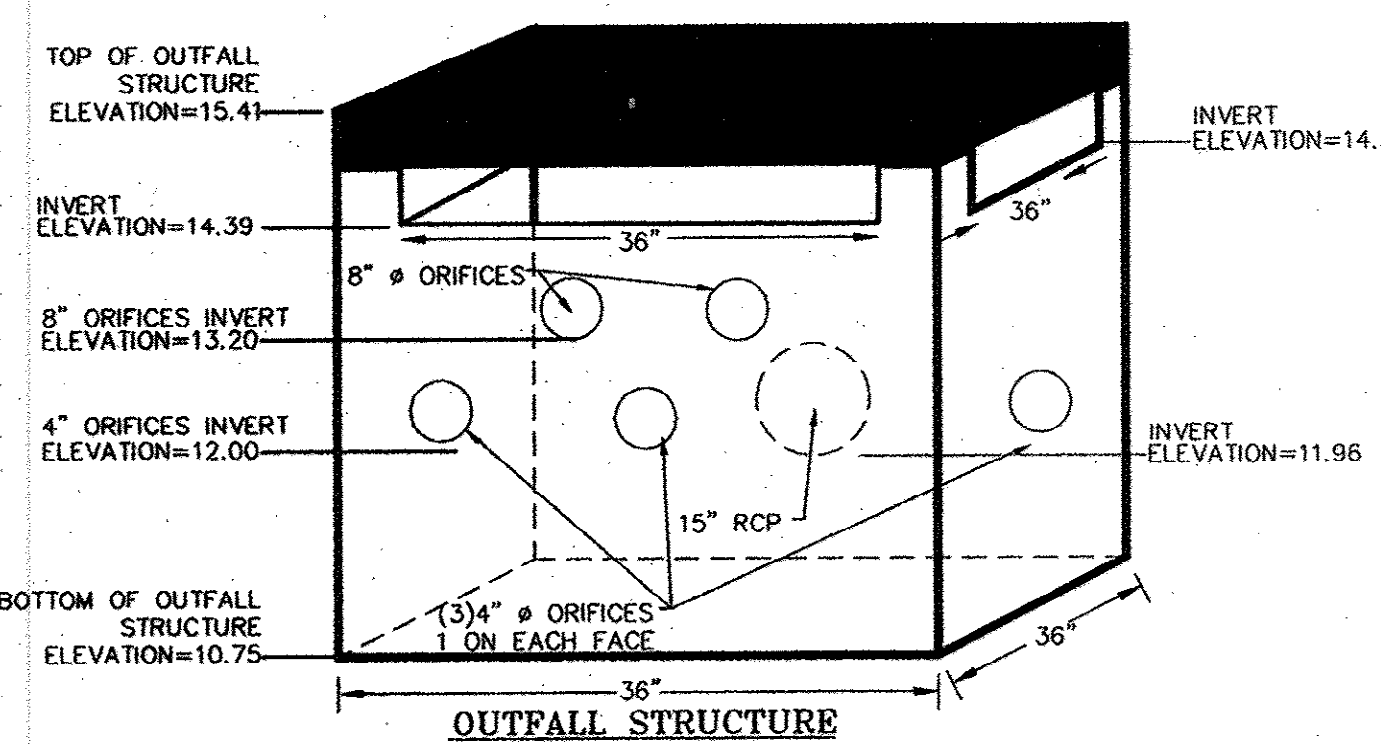
SCALE: 1"=40'
DESIGNED BY: TCM
DRAWN BY: TCM
CHECKED BY: RB
DATE ISSUED: 05/25/11

REPRODUCTION OR REUSE OF THIS DRAWING IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY FORBIDDEN

Revision	Date	Description
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2		
3		
4		
5		
6		
7		
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9		
10		

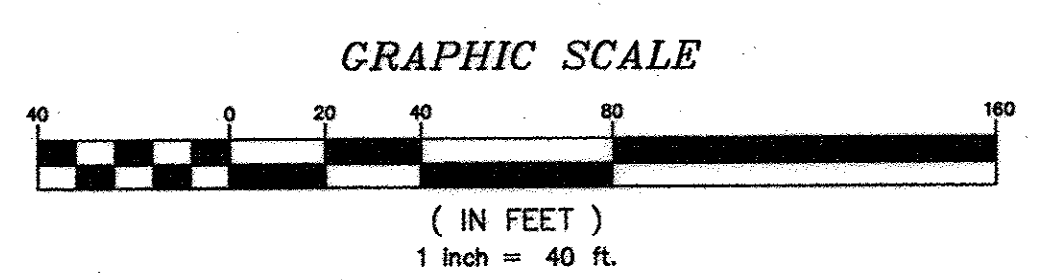
SHEET NUMBER:
2 OF 2

PROJECT#: 09.030



LEGEND	
	LIGHT POLEPOST
	GAS VALVE
	GAS LINE SERVICE
	OVERHEAD POWER LINE
	POWER BOX/TRANSFORMER
	UTILITY POLE WIGUY
	TELEPHONE BOX/PEDESTAL
	UNDERGROUD ELECTRIC
	CATV BOX/PEDESTAL
	JUNCTION BOX
	CATCH BASIN
	FORCEMAIN LINE
	SEWERLINE
	WATERLINE
	SEWER MANHOLE
	AIR RELEASE VALVE
	FIRE HYDRANT
	WATER VALVE
	WATER SERVICE
	TEMPORARY BENCH MARK/ COIN LOCATION
	ELECTRIC OUTLET
	DRAINAGE PIPE
	CONCRETE AREA
	BUILDING AREA

ALL ELEVATIONS BASED ON NAVD
88 DATUM TBM 1/2" IRON PIPE
SHEET 2 OF 2 ELEVATION=14.61



OWNERS:
GSW&SA
P.O. BOX 2368
CONWAY, SC 29528
(843) 443-8200
CONTACT: CHRISTY EVERETT

ENGINEER:
CASTLES ENGINEERING
FOUNDERS CENTRE
SUITE 304 2411 OAK STREET
MYRTLE BEACH, SC 29577
(843) 448-0910
CONTACT: JOHN POSTON

CONTRACTOR:
M.B. KAHN CONSTRUCTION CO., INC.
736 HIGHWAY 501 EAST
CONWAY, S.C. 29526
(843) 234-6490
CONTACT: LINDSAY McKNIGHT

- RECORD DRAWING NOTES:
1. PARENT TMS#s: 183-00-04-055
 2. OWNER OF RECORD: GSW&SA
P.O. BOX 2368
CONWAY, SC 29528
843-443-8200
 3. ALL DISTANCES SHOWN ARE HORIZONTAL DISTANCES.
 4. VERTICAL SEPARATION OF THE UTILITY LINES & DRAINAGE PIPES SHOWN ON PLAN DETERMINED BY CALCULATION ARE APPROXIMATE.
 5. RECORD DRAWINGS PREPARED FROM FIELD SURVEY AND INFORMATION PROVIDED BY CONTRACTOR.
 6. ALL COMMON AREAS, PONDS, DRAINAGE EASEMENTS & DRAINAGE STRUCTURES TO REMAIN PRIVATE AND BE MAINTAINED BY THE DEVELOPER.

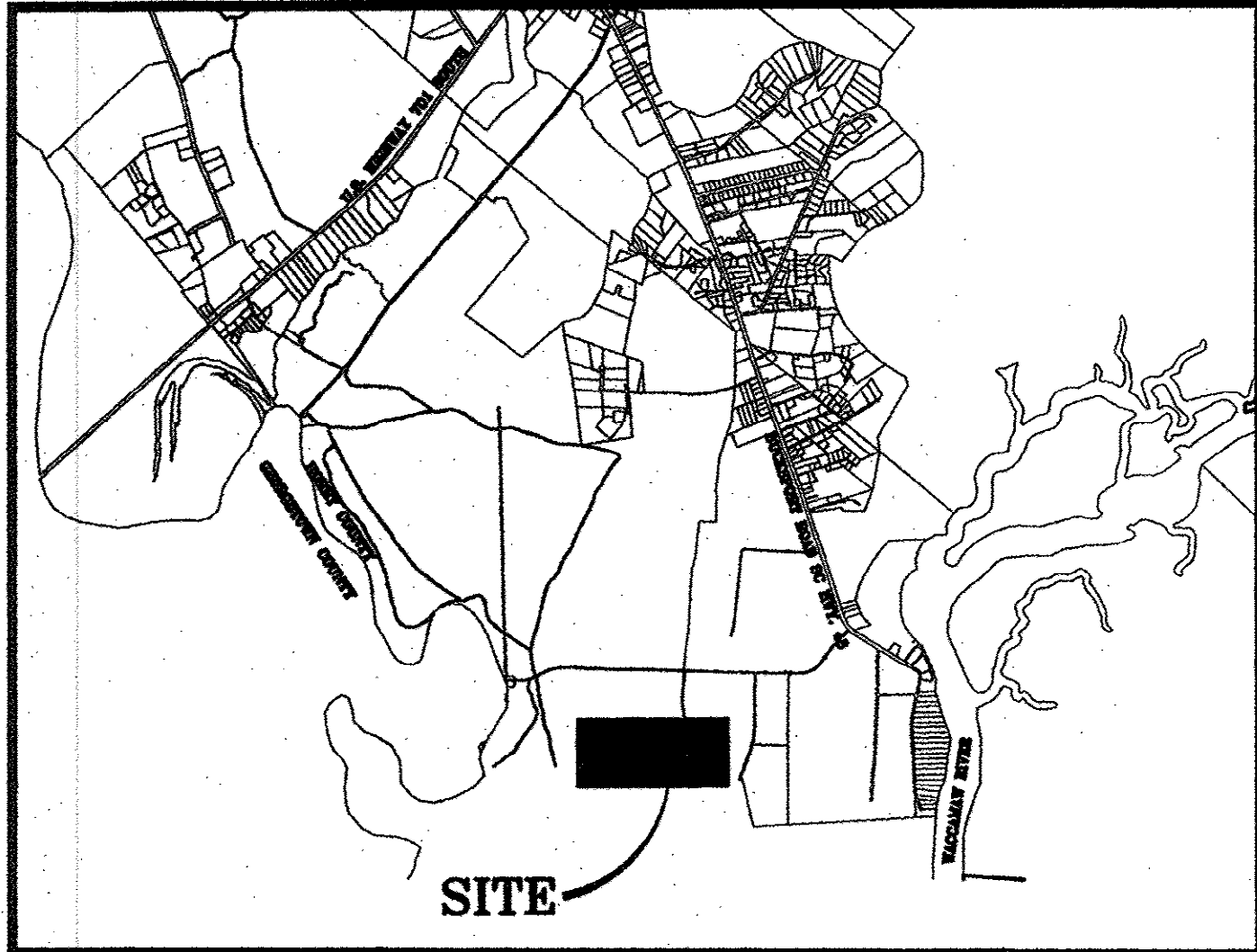
DATE OF INSTALLATION:
SPRING 2011

I HEREBY CERTIFY THAT THE STORMWATER DRAINAGE SYSTEMS SHOWN HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND ARE TO THE BEST OF MY KNOWLEDGE, AS SHOWN ON THESE RECORD DRAWINGS.

JOHN R. POSTON, P.E., P.L.S.
#20964
REGISTRATION NUMBER

05-09-11
DATE

26-048-002/5



LOCATION MAP
N.T.S.

FLOOD ZONE INFORMATION

THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" AS SCALED FROM F.I.R.M. No. 46061C0886 H DATED AUGUST 23, 1989.

HORIZONTAL DATUM: NAD 83
VERTICAL DATUM: NAVD 88
BENCHMARK: TBM 1/2" IRON PIPE
ELVATION=14.61 SHOWN
ON SHEET 2 OF 3

LIST OF MATERIALS:

1,588 - L.F. OF 3" CLASS 160 FORCEMAIN
15 - L.F. OF 2" CLASS 160 FORCEMAIN
3 - 2" GATE VALVES
3 - 3" 90° BENDS
1 - 6" 2" REDUCER
1 - 3" 2" REDUCER
1 - WETWELL
1 - 6" GATE VALVE

TO SERVICE 1 LOT

DATE OF INSTALLATION:
SPRING 2011

RECORD DRAWING NOTES:

- PARENT TMS# 183-00-04-055
- OWNER OF RECORD: GSW&A
P.O. BOX 2368
CONWAY, SC 29528
843-443-8200
- ALL DISTANCES SHOWN ARE HORIZONTAL DISTANCES.
- VERTICAL SEPARATION OF THE UTILITY LINES & DRAINAGE PIPES SHOWN ON PLAN DETERMINED BY CALCULATION ARE APPROXIMATE.
- RECORD DRAWINGS PREPARED FROM FIELD SURVEY AND INFORMATION PROVIDED BY CONTRACTOR.
- ALL COMMON AREAS, PONDS, DRAINAGE EASEMENTS & DRAINAGE STRUCTURES TO REMAIN PRIVATE AND BE MAINTAINED BY THE DEVELOPER.
- WATER SYSTEMS RECORD DRAWING SOLELY BASED UPON INFORMATION PROVIDED BY GSW&A "BUCKSPORT COMPOST FACILITY DESIGN" DATED SEPTEMBER 2010

LEGEND

○ LIGHT POLEPOST	○ SEWER MANHOLE
○ GAS VALVE	○ SEWER SERVICE
○ GAS LINE SERVICE	○ AIR RELEASE VALVE
○ OVERHEAD POWER LINE	○ FIRE HYDRANT
○ POWER BOX/TRANSFORMER	○ WATER VALVE
○ UTILITY POLE W/COY	○ WATER SERVICE
○ TELEPHONE BOX/PEDESTAL	○ TEMPORARY BENCH MARK /
○ TELEPHONE	○ CORE LOCATION
○ UNDERGROUND ELECTRIC	○ ELECTRIC OUTLET
○ CATV BOX/PEDESTAL	○ DRAINAGE PIPE
○ JUNCTION BOX	○ CONCRETE AREA
○ CATCH BASIN	○ BUILDING AREA
○ FORCEMAIN LINE	
○ SEWERLINE	
○ WATERLINE	

SANITARY SEWER SYSTEMS RECORD DRAWING FOR: GSWSA BUCKSPORT COMPOSTING FACILITY

GEOTECHNICAL CONSULTANT

S&ME, INC.
1330 HWY 501 BUSINESS
CONWAY, SC 29528
(843) 347-7800

LAND SURVEYOR

ASSOCIATED LAND SURVEYORS
2411 OAK STREET, SUITE 304
MYRTLE BEACH, SC 29577
(843) 626-7393

OWNER / DEVELOPER

GSWSA
P.O. BOX 2368
CONWAY, SC 29528
(843) 443-8200
CONTACT: CHRISTY EVERETT

CONTRACTOR

M.B. KAHN CONSTRUCTION CO., INC.
736 HIGHWAY 501 EAST
CONWAY, S.C. 29526
(843) 234-6490
CONTACT: LINDSAY McKNIGHT

REFERENCES:

- WETLAND SURVEY OF SITE DATED FEB. 23, 1989 FOR GRAND STRAND WATER & SEWER BY ASSOCIATED LAND SURVEYORS.
- TOPOGRAPHIC SURVEY OF SITE DATED NOV. 16, 2009 BY ASSOCIATED LAND SURVEYORS.

PERMIT NUMBERS

SCDHEC-OCRM PERMIT No. #
SCR10M921

SCDHEC SEWER PERMIT No. #
No. 36375-WW

USACOE PERMIT No. # SAC81-2005-1174-3
DATED JULY 19, 2005

HORRY COUNTY STAMPED PLAN APPROVALS
DATED JULY 21, 2010

PROJECT SUMMARY:

COMPOSTING FACILITY LOCATED IN
BUCKSPORT, HORRY COUNTY, SC

TAX PARCEL: PORTION OF TMS#183-00-04-055

CURRENT ZONING: LFA

TOTAL PROJECT AREA - 14.59 ACRES

PROPOSED LAND DISTURBANCE AREA - 9.19 ACRES

USE: COMPOST FACILITY

SEWER: PRIVATE SERVICES

SHEET INDEX

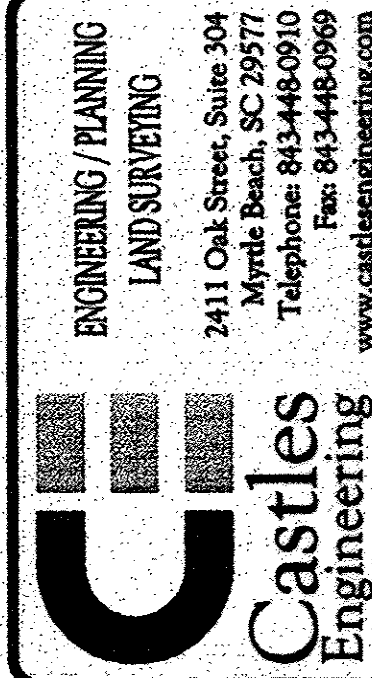
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RECORD DRAWING COVER SHEET
SANITARY SEWER SYSTEMS RECORD DRAWING

SHEET

1 OF 3
2 OF 3 - 3 OF 3

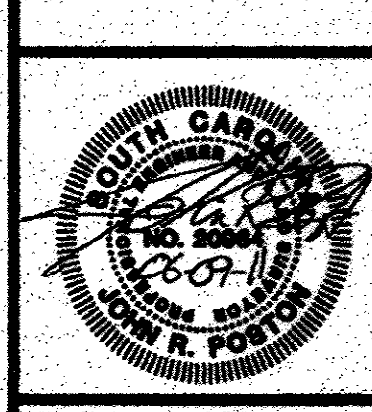
I HEREBY CERTIFY THAT THE SANITARY SEWER SYSTEMS SHOWN HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND ARE, TO THE BEST OF MY KNOWLEDGE, AS SHOWN ON THESE RECORD DRAWINGS.
JOHN H. POSTON, P.E., P.L.S. 06-09-11
#20964
REGISTRATION NUMBER



SANITARY SEWER SYSTEMS RECORD DRAWING
COVER SHEET
for
BUCKSPORT COMPOSTING FACILITY
GRAND STRAND WATER & SEWER AUTHORITY
HORRY COUNTY, SOUTH CAROLINA

SCALE: NTS
DESIGNED BY: TEE
DRAWN BY: TCM
CHECKED BY: JRP
DATE ISSUED: 06/25/11

Project	Sheet	Revision	By	Date
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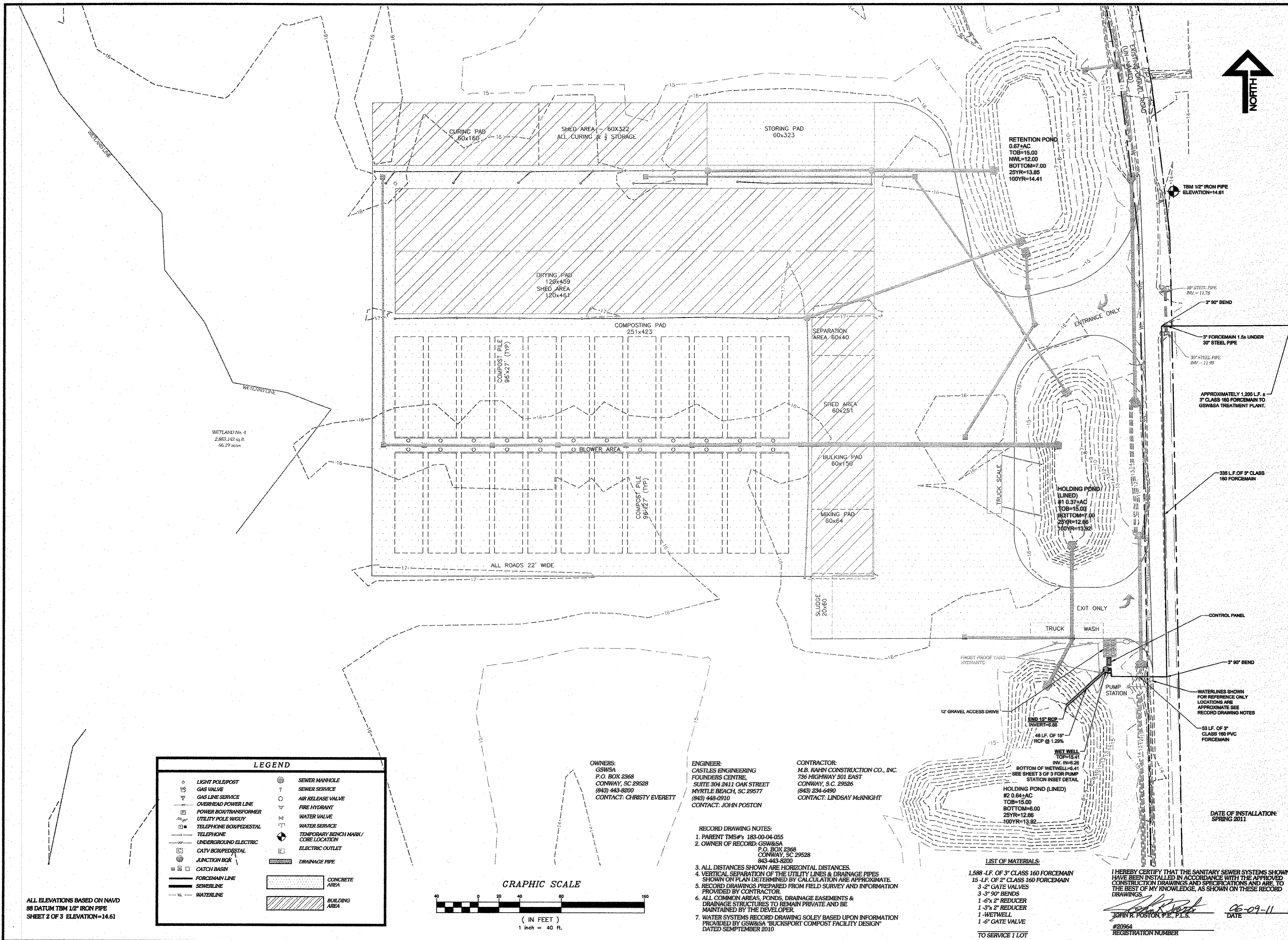


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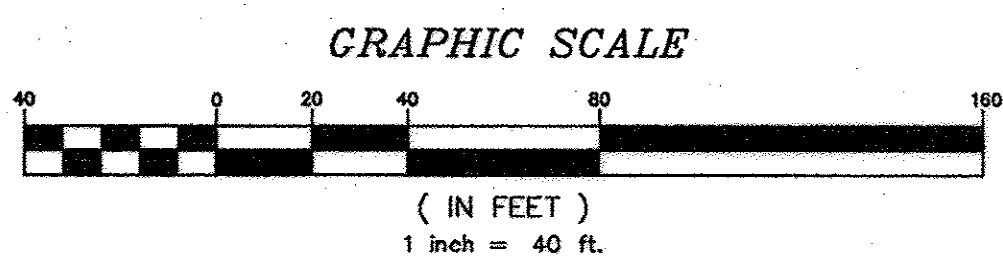
PROJECT#: 09.030

20-048-003/5



LEGEND			
	LIGHT POLEPOST		SEWER MANHOLE
	GAS VALVE		SEWER SERVICE
	GAS LINE SERVICE		AIR RELEASE VALVE
	OVERHEAD POWER LINE		FIRE HYDRANT
	POWER BOX/TRANSFORMER		WATER VALVE
	UTILITY POLE/UTILITY		WATER SERVICE
	TELEPHONE BOX/PEDESTAL		TEMPORARY BENCH MARK/ CORE LOCATION
	TELEPHONE		ELECTRIC OUTLET
	UNDERGROUND ELECTRIC		DRAINAGE PIPE
	CATV BOX/PEDESTAL		CONCRETE AREA
	JUNCTION BOX		BUILDING AREA
	CATCH BASIN		
	FORCE MAIN LINE		
	SEWERLINE		
	WATERLINE		

ALL ELEVATIONS BASED ON NAVD
88 DATUM TBM 1/2" IRON PIPE
SHEET 2 OF 3 ELEVATION=14.61



OWNERS:
GSWSA
P.O. BOX 2368
CONWAY, SC 29528
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CONTACT: CHRISTY EVERETT

ENGINEER:
CASTLES ENGINEERING
FOUNDERS CENTRE,
SUITE 304 2411 OAK STREET
MYRTLE BEACH, SC 29577
(843) 448-0910
CONTACT: JOHN POSTON

CONTRACTOR:
M.B. KAHN CONSTRUCTION CO., INC.
736 HIGHWAY 501 EAST
CONWAY, S.C. 29526
(843) 234-6490
CONTACT: LINDSAY McKNIGHT

- RECORD DRAWING NOTES:
1. PARENT TMS#s 188-00-04-055
 2. OWNER OF RECORD: GSWSA
P.O. BOX 2368
CONWAY, SC 29528
843-443-8200
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 7. WATER SYSTEMS RECORD DRAWING SOLELY BASED UPON INFORMATION PROVIDED BY GSWSA "BUCKSPORT COMPOST FACILITY DESIGN" DATED SEPTEMBER 2010

- LIST OF MATERIALS:
- 1,588 - L.F. OF 3" CLASS 160 FORCEMAIN
 - 15 - L.F. OF 2" CLASS 160 FORCEMAIN
 - 3 - 2" GATE VALVES
 - 3 - 3" 90° BENDS
 - 1 - 6" x 2" REDUCER
 - 1 - 3" x 2" REDUCER
 - 1 - WETWELL
 - 1 - 6" GATE VALVE
- TO SERVICE 1 LOT

I HEREBY CERTIFY THAT THE SANITARY SEWER SYSTEMS SHOWN HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND ARE, TO THE BEST OF MY KNOWLEDGE, AS SHOWN ON THESE RECORD DRAWINGS.

JOHN R. POSTON, P.E., P.L.S.
#20964
REGISTRATION NUMBER

06-09-11
DATE

ENGINEERING / PLANNING
LAND SURVEYING

Castles Engineering

2411 Oak Street, Suite 304
Myrtle Beach, SC 29577
Telephone: 843-448-0910
Fax: 843-448-0969
www.castlesengineering.com

SANITARY SEWER SYSTEMS
RECORD DRAWING

BUCKSPORT COMPOSTING FACILITY

for
GRAND STRAND WATER & SEWER AUTHORITY
HORRY COUNTY, SOUTH CAROLINA

SCALE: 1"=40'

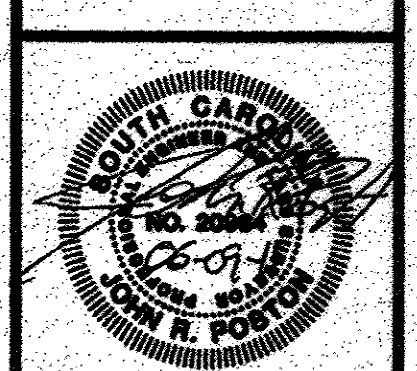
DESIGNED BY: TCM

DRAWN BY: TCM

CHECKED BY: JBP

DATE ISSUED: 05/25/11

Revised	Date	By	Reason



SHEET NUMBER:
2 OF 3

PROJECT#: 08.030

26-048-004 / 5

