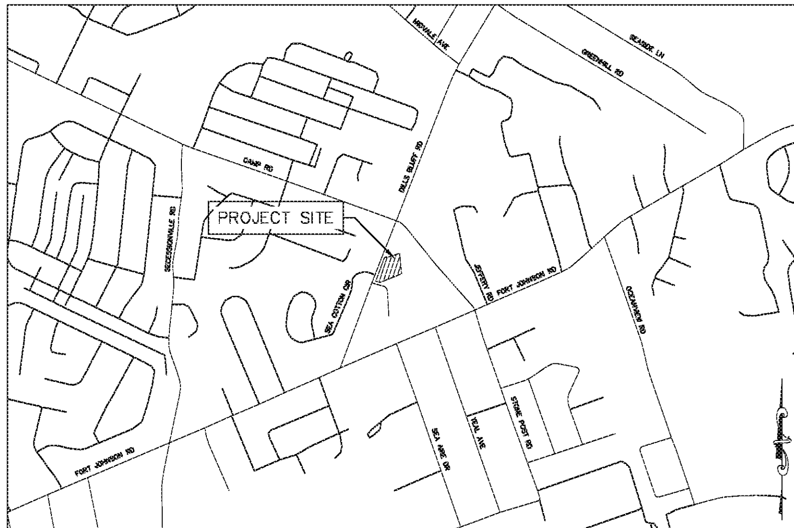
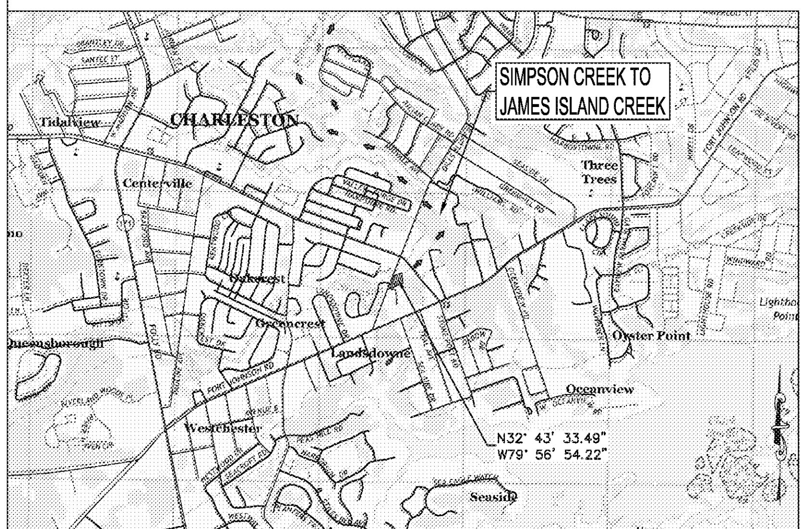


LOCATION MAP

SCALE: 1" = 1000'



QUAD MAP

SCALE: 1" = 2,000'

CIVIL ABBREVIATIONS

BM	BENCHMARK
BMP	EROSION CONTROL BEST MANAGEMENT PRACTICES
BTTM	BOTTOM
BW	BOTH WAYS
CB	CATCH BASIN
CGP	NPDES CONSTRUCTION GENERAL PERMIT SCR 100000
CI	CURB INLET
CI	CAST IRON
CIP	CAST IRON PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CY	CUBIC YARDS
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DS	DOWNSPOUT
EL	ELEVATION
EW	EACH WAY
EXST	EXISTING
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FIN	FINISHED
FM	FORCE MAIN
GI	GRATE INLET
HDPE	HIGH DENSITY POLYETHYLENE
IAW	IN ACCORDANCE WITH
IE	INVERT ELEVATION
JB	JUNCTION BOX
LF	LINEAR FEET
LP	LIGHT POLE
MATL	MATERIAL
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM

CIVIL ABBREVIATIONS

NIC	NOT IN CONTRACT
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REQD	REQUIRED
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
R/W	RIGHT OF WAY
SABC	STABILIZED AGGREGATE BASE COURSE
SB	SILT BARRIER
SCDHEC	SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
SCDOT	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
SD	STORM DRAINAGE
SF	SQUARE FEET
SS	SANITARY SEWER SERVICE
STA	STATION
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TG	TOP OF GUTTER
TP	TOP OF PAVEMENT
TYP	TYPICAL
VC	VITRIFIED CLAY
W	WATER
W/	WITH
WS	WATER SERVICE
WV	WATER VALVE
NOI	NOTICE OF INTENT
NOT	NOTICE OF TERMINATION
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
OC	ON CENTER
ODSA	OPERATOR OF DAY TO DAY SITE ACTIVITIES
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PP	POWER POLE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT

NEW JAMES ISLAND TOWN HALL

JAMES ISLAND, SC

GENERAL NOTES:

1. THE EROSION CONTROL PLANS CONTAINED HERE-IN ARE PART OF A LARGER COMPREHENSIVE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL BECOME FAMILIAR WITH AND COMPLY WITH ALL EROSION AND SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE SWPPP, DRAWINGS, SPECIFICATIONS AND PERMITS.
2. ALL CONTRACTORS SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.
3. TOPOGRAPHIC AND BOUNDARY INFORMATION BY CORNERSTONE SURVEYING & ENGINEERING, NOT VERIFIED BY ADC ENGINEERING, INC.
4. HORIZONTAL COORDINATES ARE BASED ON SC STATE PLANE COORDINATES NAD '83. VERTICAL DATUM IS BASED ON NGVD 29.
5. ALL PROJECT STAKEOUT, INCLUDING RELOCATION OF PROJECT BENCHMARKS AS NECESSARY, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT RELY SOLELY ON THE PHYSICAL SCALE AS SHOWN IN DRAWINGS. REFER TO THE GIVEN DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.
6. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE APPROPRIATE MEASURES TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
7. THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES PRIOR TO BEGINNING EARTHWORK OPERATIONS.
8. OFFSITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
10. THE CONTRACTOR SHALL PLACE 4" OF TOPSOIL IN ALL DISTURBED AREAS NOT TO BE PAVED. THE CONTRACTOR SHALL ALSO PROVIDE TEMPORARY AND PERMANENT SEEDING IN ALL AREAS INSIDE OR OUTSIDE THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS.
11. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE SOUTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, BOTH CURRENT EDITIONS.
12. CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR POSITIVE FLOW PRIOR TO FINAL APPROVAL.
13. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
14. THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP APPROVED ANY AND ALL SHOP DRAWINGS AND SUBMITTALS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.
15. IT IS THE RESPONSIBILITY OF THE OWNER TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT THE SOIL CONDITIONS ARE AT LEAST THAT WHICH ARE STATED HEREIN.
16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT ALL WORK IS ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR GEOTECHNICAL REPORT.
17. ALL UTILITY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF CHARLESTON WATER SYSTEM AND JAMES ISLAND PUBLIC SERVICE DISTRICT. WHERE ANY DISCREPANCIES EXIST BETWEEN THESE DOCUMENTS AND CHARLESTON WATER SYSTEM AND JAMES ISLAND PUBLIC SERVICE DISTRICT REQUIREMENTS, THE REQUIREMENTS OF CHARLESTON WATER SYSTEM AND JAMES ISLAND PUBLIC SERVICE DISTRICT SHALL BE ADHERED TO.
18. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOB SITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.
19. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY.
20. IT IS THE CONTRACTORS RESPONSIBILITY FOR DESIGN, ADEQUACY AND IMPLEMENTATION OF ALL DEWATERING. ALL DEWATERING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN.
21. CONTRACTOR SHALL MAINTAIN SIGHT DISTANCE VISIBILITY AT ALL EXITS AND/OR INTERSECTIONS IN ACCORDANCE WITH SCDOT'S "ACCESS AND ROADSIDE MANAGEMENT STANDARDS" MANUAL, DURING AND AFTER CONSTRUCTION.
22. ANY FIELD CHANGES WITHIN SCDOT RIGHT-OF-WAY OR CHANGES THAT WOULD IMPACT SCDOT RIGHT-OF-WAY WILL REQUIRE WRITTEN SCDOT APPROVAL PRIOR TO CHANGES BEING IMPLEMENTED IN THE FIELD.

TRAFFIC CONTROL NOTES:

1. CONTRACTOR SHALL PERFORM ALL NECESSARY COORDINATION WITH SCDOT AND THE MUNICIPALITY FOR WORK INSIDE THE RIGHT OF WAY, INCLUDING BUT NOT LIMITED TO PREPARATION OF AND OBTAINING APPROVAL OF ALL NECESSARY TRAFFIC CONTROL PLANS AS WELL AS PLANNING AND EXECUTION OF ALL NECESSARY COORDINATION MEETINGS.
2. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED ENCROACHMENT PERMIT(S).
3. CONTRACTOR SHALL MAINTAIN SCDOT SITE VISIBILITY TRIANGLES AT ALL ACCESS POINTS FOR THE DURATION OF CONSTRUCTION.
4. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), CURRENT EDITION.

MUNICIPAL COMMITTEE/BOARD APPROVALS

REVIEW	SUBMITTAL DATE	MEETING DATE	STATUS

PERMIT APPROVALS

REVIEW	SUBMITTAL DATE	APPROVAL DATE	STATUS
TOWN OF JAMES ISLAND	TBD		
SCDHEC-OCRM CZC/NPDES	TBD		
CWS (WATER SERVICE)	TBD		
CWS (SEWER SERVICE)	TBD		
SCDOT ENCROACHMENT PERMIT	TBD		

VARIANCES/SPECIAL EXCEPTIONS

VARIANCE/SPECIAL EXCEPTIONS	SUBMITTAL DATE	MEETING DATE	STATUS
RE-ZONING	TBD		

VARIANCES/SPECIAL EXCEPTIONS

VARIANCE/SPECIAL EXCEPTIONS	SUBMITTAL DATE	MEETING DATE	STATUS
N/A			

LIST OF DRAWINGS

SHEET	TITLE	ISSUED	REVISED
C001	CIVIL LEGEND, ABBREVIATIONS & NOTES	1/23/2017	
C100	EXISTING SITE & DEMOLITION PLAN	1/23/2017	
C200	SITE PLAN	1/23/2017	
C300	GRADING & STORM DRAINAGE PLAN	1/23/2017	
C310	STORM DRAINAGE PROFILES	1/23/2017	
C400	UTILITY PLAN	1/23/2017	
C620	CIVIL DETAILS - PAVEMENT	1/23/2017	
C621	CIVIL DETAILS - STRIPING & SIGNAGE	1/23/2017	
C630	CIVIL DETAILS - STORM DRAINAGE	1/23/2017	
C631	CIVIL DETAILS - STORM DRAINAGE	1/23/2017	
C632	CIVIL DETAILS - STORM DRAINAGE	1/23/2017	
C640	CIVIL DETAILS - WATER	1/23/2017	
C641	CIVIL DETAILS - SANITARY SEWER	1/23/2017	
C700	SWPPP PLAN - INITIAL	1/23/2017	
C701	SWPPP PLAN - INTERMEDIATE	1/23/2017	
C702	SWPPP PLAN - FINAL	1/23/2017	
C710	SWPPP DETAILS	1/23/2017	
C711	SWPPP DETAILS	1/23/2017	
C712	SWPPP DETAILS	1/23/2017	
C720	SWPPP NOTES	1/23/2017	

PROJECT INFORMATION

DEVELOPMENT DATA

PROJECT NAME	NEW JAMES ISLAND TOWN HALL
DEVELOPMENT DESCRIPTION	THE PROJECT INCLUDES: CONSTRUCTION OF A NEW BUILDING WITH ASSOCIATED PARKING, UTILITIES, STORMWATER AND LANDSCAPING.
PROJECT OWNER	TOWN OF JAMES ISLAND (CONTACT: ASHLEY KELLAHAN) 843-795-4141
PROJECT ARCHITECT	LIOLLIO ARCHITECTURE
PROJECT CIVIL ENGINEER	ADC ENGINEERING, INC. 1226 YEAMANS HALL ROAD HANAHAN, SC 29406 POINT OF CONTACT: CHRIS COOK (843-566-1061)

PROPERTY INFORMATION

TMS	428-03-00-054 & -055
ADDRESS	TO BE DETERMINED
FLOOD ZONE STATEMENT	FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP (45019C0677J) INDICATES THAT THIS PROPERTY IS PARTIALLY IN FLOOD ZONE 'X' (AREA OUTSIDE 500 YEAR FLOODPLAIN) AND PARTIALLY IN FLOOD ZONE AE 12 (100 YEAR FLOOD HAZARD AREA WITH BASE FLOOD ELEVATI
SUBDIVISION STATUS	N/A
WETLAND STATUS	THERE ARE NO KNOWN WETLANDS ON-SITE

ZONING INFORMATION

MUNICIPALITY	TOWN OF JAMES ISLAND
EXISTING ZONING	RSL
PROPOSED ZONING	SAME
ADJACENT ZONING	
NORTH	RSL
EAST	RSL / SR1
SOUTH	RSL / SR1
WEST	N/A
HEIGHT LIMITATION	35'
HISTORIC DISTRICT	N/A
ZONING CONTACT	N/A

SETBACKS/BUFFERS

SETBACKS	REQUIRED	PROVIDED
FRONT (DILLS BLUFF ROAD)	25'	>25'
REAR (EAST)	N/A	>8'
SIDE (NORTH)	10'	>10'
SIDE (SOUTH)	10'	>10'
BUFFERS	**REQUIRED**	**PROVIDED**
FRONT (DILLS BLUFF ROAD)	S2 - 20'	>5'
VERSUS RESIDENTIAL (SOUTH)	B - 10'	>10'
VERSUS COMMERCIAL	N/A	N/A

LOT COVERAGE

TOTAL LOT AREA	64,033 SF		1.47 ACRES	
DISTURBED AREA	70,132 SF		1.61 ACRES	
LOT COVERAGE BY USE				
BUILDING	8,184	SF	0.19 ACRES	13%
PVMT/IMPERV AREA	11,986	SF	0.27 ACRES	19%
LANDSCAPE AREA	0	SF	0.00 ACRES	0%
POND	5,350	SF	0.12 ACRES	8%
MISC. AREA (BUFFER)	0	SF	0.00 ACRES	0%
SUBTOTAL	25,500	SF	0.59 ACRES	40%

UTILITY INFORMATION

CABLE AVAILABILITY	-
ELECTRIC AVAILABILITY	SCE & G
GAS AVAILABILITY	SCE & G
SEWER AVAILABILITY	JAMES ISLAND PSD
STORM AVAILABILITY	
TELEPHONE AVAILABILITY	-
WATER AVAILABILITY	CHARLESTON WATER SYSTEM
STAFF	-

OFF STREET PARKING INFORMATION

OFF STREET PARKING: 1 SPACE PER 300 SF OF FLOOR AREA		
SPACES REQUIRED		19
SPACES PROVIDED ONSITE	=	21

liollio architecture

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P 843.762.2222

ADC ENGINEERING SPECIALISTS
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162

SOUTH CAROLINA ADC ENGINEERING INC. No. 00253 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 14567 CHRISTOPHER B. COOK 1/23/17

△	Revision Date	Description
	PERMIT SET - 01/23/2017	

Town of James Island

TOWN HALL

Dills Bluff Road
Charleston, SC 29412

Project Number:	15102/ ADC15304
Checked By:	CBC
Drawn By:	JMC
Date:	01/23/17
Scale:	NOT TO SCALE

C001

Civil Notes & Abbreviations

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