

- △ EXISTING DOWNSPOUTS
- 4" SOLID PIPE CONNECT TO EXISTING DOWNSPOUTS
- 4" FRENCH DRAIN
- 6" MODIFIED FRENCH DRAIN
- ⊙/⊖ 4" CLEANOUT AT EACH DOWNSPOUT CONNECTED TO 4SP DRAINPIPE

Proposed Bioswale  
All disturbed areas shall be restored with approved vegetative plantings (See Bioswale Habitat Notes)

Main Turf Area  
Crown As Show

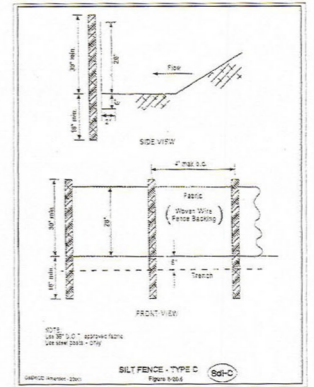
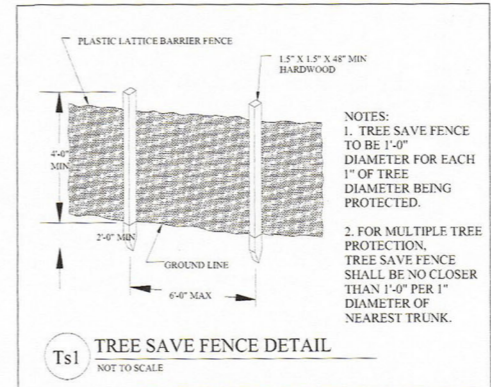
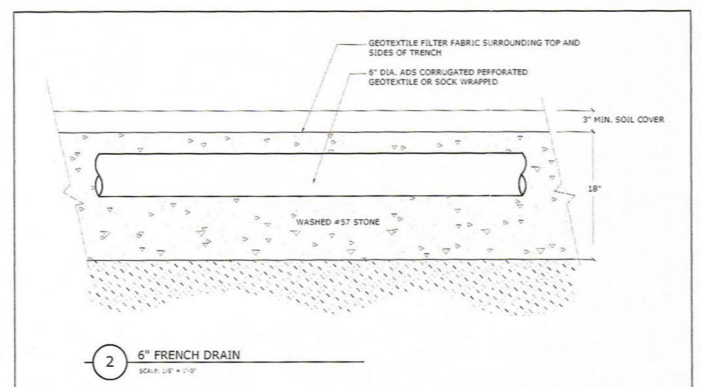
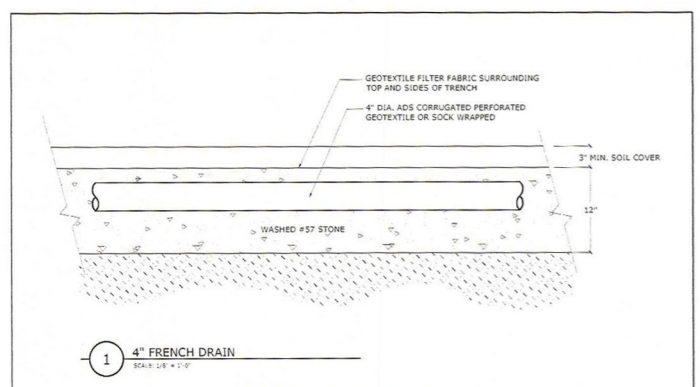
Proposed Bioswale  
All disturbed areas shall be restored with approved vegetative plantings (See Bioswale Habitat Notes)

Shore Jurisdiction Line per Shupe Surveying Co. 7/9/2014 #13115

**Overall**  
All existing turf areas to be removed and replaced with *Paspalum virginatum*

**Protected Tree Statement**  
All work within the Critical Root Zones (CRZ) of protected trees will be performed by hand. Mechanical trenching within the CRZs of existing protected trees is prohibited. If any pipes or other irrigation equipment are necessary within the CRZ, this work shall be performed by hand by tunneling under protected trees roots by hand or with an air spade under supervision of ISA Certified Arborist.

**Bioswale Habitat Notes:**  
To be planted with:  
20% *Juncus effusus* 1" Gallon size 2" o.c.  
35% *Spartina patens* 4" size 18" o.c.  
40% *Panicum virgatum* 4" 18" o.c.  
5% *Urtica parviflora* 1" Gallon size 2" o.c.  
Grassland will be hand watered in times of drought or extended periods of hot and dry weather. All invasive species and weeds (ex. cog ferns, pine tree seedlings, wax myrtle seedlings, and other unwanted species determined by JIA) will be pulled by hand on an as needed basis to prevent shading and natural succession. Grassland will be out back on an annual basis in February. Trash from annual maintenance will be shredded and used as mulch where needed.



TIM WOLFE  
DESIGN

121 Emerson Ave  
Decatur, GA 30030  
(404) 569-4455  
timwolfe@timwolfdesign.com

HOLIDAY INN RESORTS  
701 Beachview Dr N,  
Jekyll Island, GA 31527

SHEET TITLE	
Turf Renovations and Drainage/Bioswale Plan	
DATE COMPLETED	
07/11/2017	
DRAWN	
TW / MS	
SCALE	
1" = 30'-0"	
REVISIONS	
SHEET	OF
1	1

GA DNR  
SEP 21 2017  
Marsh & Shore Mgt. Program