



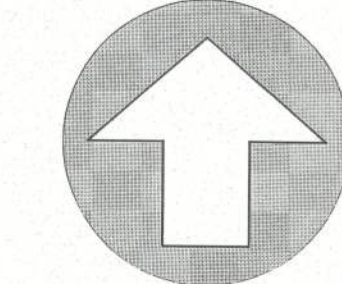
POST DEVELOPMENT STORMWATER DATA

1. THE PROPOSED STORMWATER SYSTEM WILL COLLECT ALL THE PROPOSED IMPROVEMENTS AND WILL DIRECT THE RUNOFF TO THE PROPOSED STORMWATER DRY BASIN. THE BASIN WILL PROVIDE WATER QUALITY TREATMENT AND FLOW ATTENUATION FOR THE DESIGN STORM EVENT.
2. THE STORMWATER SYSTEM IS DESIGNED IN ACCORDANCE WITH THE COLUMBIA COUNTY AND SUWANNEE RIVER WATER MANAGEMENT DISTRICT RULES AND REGULATIONS.
3. DISCHARGE OF THE STORMWATER SYSTEM WILL BE MAINTAINED AT PRE-DEVELOPMENT CONDITIONS.
4. STORMWATER SYSTEM
 - (a) GENERAL DESIGN CRITERIA:
 1. THE PROPOSED STORMWATER SYSTEM WILL BE CONSIDERED A DRY RETENTION BASIN. THE BASIN WILL HAVE A MAINTENANCE PATH AND A LANDSCAPE STRIP GOING AROUND THE AREAS ADJACENT TO THE DEVELOPMENT. ALL LANDSCAPING WILL BE NATIVE VEGETATION AS REQUIRED BY THE CODE.
 2. THE PROPOSED SYSTEM IS OF IRREGULAR SHAPE AND DOES NOT HAVE PARALLEL SIDES.
 3. INFLOW AND DISCHARGE POINTS ARE LOCATED ON OPPOSITE SIDES OF THE BASIN AS SHOWN IN THE PLAN PROVIDING OPTIMAL TREATMENT.
 4. EROSION VELOCITIES WILL BE CONTROLLED BY USING A SUMP AT THE INFLOW POINT.
 - (b) FENCED BASINS:
 1. THE MASTER STORMWATER SYSTEM WILL NOT HAVE FENCE.
3. STORMWATER BASIN DATA:

RECEIVING BODY	=	OFF-SITE EXISTING NATURAL DRAINAGE AT PRE-DEVELOPMENT CONDITIONS.
TYPE	=	DRY RETENTION BASIN
FENCE	=	NO FENCE AROUND BASIN
MAINTENANCE	=	CLAY ELECTRIC COOPERATIVE WILL BE RESPONSIBLE FOR MAINTENANCE OF STORMWATER SYSTEM

LEGEND

- | | |
|--|---|
| | LIMITS OF ASPHALT PAVEMENT |
| | LIMITS OF HEAVY DUTY ASPHALT PAVEMENT |
| | LIMITS OF CONCRETE PAVEMENT AND SIDEWALKS |
| | EXISTING CONTOUR ELEVATION |
| | EXISTING DRAINAGE DIVIDE |
| | PROPOSED DRAINAGE DIVIDE |
| | SOIL TESTING BORING LOCATION |



NORTH

SCALE: 1" = 40'

40 20 0 40

GRAPHIC SCALE



ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
2401 NW 40th ST. CANESVILLE, FLORIDA 32909-6602
TEL: (888) 250-7247
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CLAY ELECTRIC COOPERATIVE
LAKE CITY DISTRICT OFFICE
COLUMBIA COUNTY, FLORIDA

STORMWATER PRE & POST DEVELOPMENT
DRAINAGE AREAS

Project:

BID SET

Designed: SJR

Drawn: TAR

Date: 02/17/12

Professional Engineer of Record:

Sergio J. Reyes, P.E.

Engineer

Certificate No. 47311

Sheet No.:

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Project phase:

Design:

Drawn:

Date:

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