

1. THIS IS NOT A BOUNDARY SURVEY. THIS IS AN AS-BUILT SURVEY OF INFRASTRUCTURE IMPROVEMENTS AS INSTALLED BY CLIENT. ADDITIONAL SURFACE AND UNDERGROUND IMPROVEMENTS EXIST THAT ARE NOT SHOWN HEREON.
2. BEARING STRUCTURE BASED ON CONTROL POINTS PER MASTER PLAN PROVIDED BY CLIENT.
3. THIS SURVEY REFLECTS ONLY MATTERS OF RECORD AS PROVIDED BY THE CLIENT OR CLIENTS REPRESENTATIVE.
5. THE BOUNDARY AND UNDERLYING SITE PLAN DEPICTED HEREON ARE PROVIDED BY CLIENT.

"NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER."

S:\ORANGE\36-24-30\PARCEL 5\AS-Build-CLC-CHAPEL-2012.dwg - Oct 16, 2012

|           |                         |
|-----------|-------------------------|
| LOCATION: | FILE NUMBER<br>36-24-30 |
|-----------|-------------------------|

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[illegible]

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S:\ORANGE136-24-30\PARCEL 6\AS-BUY-G-CHAPEL-2012\UTILITY.dwg - Oct 16, 2012

"NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER"

[illegible]

(P2)  
TOP = 85.88  
N.INV.6" PVC = 78.88  
E.INV.10PVC = 78.06

(P4)  
TOP = 85.97  
S.INV.6" PVC = 79.22  
E.INV.8" PVC = 78.73

(P6)  
TOP = 86.23  
NE.INV.4" PVC = 82.23  
SW.INV.8" PVC = 80.78

|   |   |  |  |
|---|---|--|--|
| (E1)<br>ST = 85.61<br>S.INV.8°PVC=81.90<br>S.INV.15°HDE=-82.37  | (E42)<br>ST = 85.07<br>NW.INV.18°HDE=78.77<br>SE.INV.15°HDE=-78.75  | (E118)<br>ST = 84.99<br>S.WIN.24°HDE=79.22<br>S.INV.15°HDE=-79.16<br>N.INV.8°PVC=-82.62                    | (F25)<br>ST = 85.96<br>N.WIN.8°PVC=82.58<br>S.WIN.8°PVC=-82.61<br>W.INV.8°PVC=82.63<br>N.INV.15°HDE=-81.68 |
| (E2)<br>ST = 85.60<br>S.INV.8°PVC=82.00<br>S.WIN.15°HDE=81.70<br>W.INV.15°HDE=81.63                       | (E43)<br>ST = 84.92<br>NW.INV.18°HDE=-78.97<br>SE.INV.15°HDE=-78.08<br>N.INV.15°HDE=-79.07                  | (E119)<br>ST = 84.30<br>W.WIN.24°HDE=77.91<br>E.INV.30°HDE=-77.33<br>N.WIN.24°HDE=-77.90                   | (F30)<br>ST = 86.36<br>S.WIN.15°PVC=82.25<br>W.INV.15°HDE=-82.90<br>N.WIN.8°HDE=-82.92                     |
| (E12)<br>ST = 85.16<br>N.WIN.15°HDE=81.30<br>S.INV.4°PVC=81.25<br>W.WIN.6°PVC=81.71                       | (E44)<br>ST = 83.67<br>S.INV.15°HDE=78.96   | (E127)<br>ST = 85.69<br>N.WIN.6°PVC=81.79<br>W.WIN.6°PVC=81.64<br>E.INV.8°PVC=81.45<br>S.WIN.15°HDE=-78.90 | (F36)<br>ST = 85.99<br>S.WIN.15°HDE=82.61<br>E.WIN.15°HDE=82.62<br>W.INV.6°PVC=81.84                       |
| (E13)<br>ST = 85.64<br>W.WIN.18°HDE=80.97<br>N.WIN.18°HDE=80.86<br>N.WIN.6°PVC=81.69<br>E.WIN.6°PVC=81.64 | (E45)<br>ST = 82.92<br>N.WIN.15°HDE=78.91<br>W.WIN.18°HDE=-78.08<br>E.INV.24°HDE=-78.33                     | (E128)<br>ST = 85.16<br>W.WIN.15°HDE=-78.54<br>S.WIN.15°HDE=-77.01<br>E.INV.30°HDE=-76.98                  | (F67)<br>ST = 85.59<br>N.WIN.8°PVC=80.99<br>W.WIN.8°PVC=80.95<br>S.WIN.15°HDE=82.04                        |
| (E14)<br>ST = 85.37<br>W.WIN.18°HDE=81.40<br>N.WIN.18°HDE=81.37<br>N.WIN.18°HDE=81.37                     | (E54)<br>ST = 86.23<br>W.WIN.6°PVC=82.18<br>E.WIN.6°PVC=82.15<br>S.WIN.6°PVC=81.55                          | (E129)<br>ST = 86.66<br>S.WIN.8°PVC=83.33<br>NW.INV.1°PVC=83.47<br>E.INV.1°PVC=83.55                       | (F77)<br>ST = 85.83<br>N.WIN.8°PVC=81.41<br>W.WIN.8°PVC=81.42<br>W.WIN.15°HDE=-80.13                       |
| (E15)<br>ST = 85.17<br>S.INV.18°HDE=80.97<br>E.WIN.24°HDE=80.75<br>W.WIN.15°HDE=81.31                     | (E58)<br>ST = 86.06<br>N.WIN.12°PVC=81.98<br>E.WIN.8°PVC=82.62<br>E.WIN.14°PVC=84.41                        | (E130)<br>ST = 86.56<br>W.WIN.6°PVC=83.02<br>E.WIN.6°PVC=83.21<br>N.WIN.6°PVC=83.21<br>S.INV.8°PVC=83.02   | (F89)<br>ST = 85.79<br>N.WIN.8°PVC=82.43<br>W.WIN.6°PVC=82.46<br>S.WIN.15°HDE=-80.74                       |
| (E17)<br>ST = 85.73<br>S.WIN.10°PVC=81.97<br>S.WIN.15°HDE=80.57<br>W.WIN.24°HDE=80.62                     | (E69)<br>ST = 85.74<br>N.WIN.15°HDE=81.39<br>W.WIN.15°HDE=81.59<br>E.WIN.15°HDE=81.47<br>NE.WIN.4°PVC=83.35 | (E140)<br>ST = 85.82<br>W.WIN.18°HDE=81.86<br>E.WIN.6°PVC=81.99<br>S.WIN.15°HDE=80.15                      | (F96)<br>ST = 86.35<br>E.WIN.18°HDE=81.84<br>W.WIN.15°HDE=82.28<br>N.WIN.4°PVC=81.33                       |
| (E23)<br>ST = 86.33<br>S.INV.8°PVC=81.50<br>W.WIN.12°PVC=81.13<br>N.WIN.12°PVC=81.00                      | (E71)<br>ST = 86.14<br>N.WIN.12°PVC=82.08<br>W.WIN.12°PVC=83.62   | (E149)<br>ST = 84.93<br>W.WIN.15°HDE=76.82<br>E.WIN.30°HDE=76.93<br>N.WIN.15°HDE=78.06                     | (F97)<br>ST = 86.20<br>N.WIN.18°HDE=81.41<br>S.WIN.15°HDE=81.48  |
| (E24)<br>ST = 86.87<br>N.WIN.12°PVC=80.86<br>E.WIN.12°PVC=81.06   | (E86)<br>ST = 86.10<br>W.WIN.18°HDE=81.33<br>E.WIN.15°HDE=81.83<br>E.INV.15°HDE=81.25                       | (E160)<br>ST = 85.30<br>W.WIN.30°HDE=76.85<br>E.WIN.30°HDE=76.82<br>N.WIN.8°PVC=78.59                      | (F104)<br>ST = 86.84<br>E.WIN.15°PVC=81.44<br>S.WIN.8°PVC=81.52<br>NW.INV.6°PVC=81.49                      |
| (E28)<br>ST = 86.11<br>S.WIN.8°PVC=82.31<br>N.WIN.6°PVC=82.82<br>N.WIN.6°PVC=82.89                        | (E93)<br>ST = 85.64<br>NE.WIN.8°PVC=82.00<br>W.WIN.18°HDE=81.00<br>W.WIN.18°HDE=81.00<br>E.INV.18°HDE=81.00 | (E161)<br>ST = 85.11<br>SW.INV.15°HDE=76.71  | (F108)<br>ST = 85.52<br>N.WIN.6°PVC=82.09<br>N.WIN.6°PVC=82.49<br>W.WIN.6°PVC=82.49                        |
| (E33)<br>ST = 86.48<br>W.WIN.6°PVC=83.81<br>N.WIN.8°PVC=83.78<br>S.INV.6°PVC=83.72                        | (E103)<br>ST = 85.48<br>NE.WIN.8°PVC=80.40<br>S.WIN.8°PVC=81.99<br>E.WIN.18°HDE=81.00                       | (E162)<br>ST = 84.96<br>NE.WIN.15°HDE=76.15<br>SW.INV.15°HDE=76.13   | (G7)<br>ST = 86.12<br>SW.INV.15°PVC=83.08<br>NW.INV.15°HDE=77.52   |
| (E38)<br>ST = 86.22<br>N.WIN.8°PVC=83.48<br>N.WIN.8°PVC=82.57<br>E.WIN.10°PVC=82.39                       | (E104)<br>ST = 85.76  | (E163)<br>ST = 84.12<br>NE.WIN.15°HDE=76.44<br>W.WIN.15°HDE=75.48  | (G8)<br>ST = 85.90<br>SE.INV.15°HDE=77.20<br>SW.INV.15°HDE=77.18   |

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|                     |                          |               |
|---------------------|--------------------------|---------------|
| SCALE: 1" = 40'     | CF: #AS-BUILT-CLC-CHAPEL | JOB #28561    |
| FIELD DATE: 5-10-10 |                          | DRAWN BY: GLT |

|           |                          |
|-----------|--------------------------|
| LOCATION: | FILE NUMBER:<br>36-24-30 |
|-----------|--------------------------|

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## VAO Package 2, CLC-Chapel

### Review of Submittal: Storm As Builts:d2c4N

In reviewing the submittal the following items were noted:

On the As Built drawing submitted the field date is shown as 5-10-10. Please correct the date.

The following storm rim elevations were noted to not be according to design drawings:

E1- 0.11' HIGH Correct  
E2- 0.20' HIGH Correct  
E12- 0.19' HIGH Correct  
E13- 0.29' HIGH Correct  
E15- 0.32' HIGH Correct  
E17- 0.53' HIGH Correct  
E24- 0.57' HIGH Correct  
E38- 0.12' HIGH Correct  
E39- 0.07' HIGH Correct  
E41- 1.09' LOW Correct  
E42- 0.13' HIGH Correct  
E45- 0.12' HIGH Correct  
E68- 0.22' LOW Correct  
E71- 0.06' LOW Correct  
E103- 0.08' HIGH Correct  
E104- 0.31' HIGH Correct  
E110- 0.09' HIGH Correct  
E111- 0.10' HIGH Correct  
E118- 0.31' LOW Correct  
E127- 0.31' LOW Correct  
E132 (MISS LABELED AS E133 IN TABLE) 0.23' HIGH Corrected  
E138- 0.11' HIGH Correct  
E149- 0.27' LOW Correct  
E160- 0.36' LOW Correct  
E161- 0.11' HIGH Correct  
E163- 0.63' LOW Correct  
F25- 0.14' LOW Correct  
F36- 0.11' LOW Correct  
F87- 0.81' LOW Correct  
F96- 0.15' HIGH Correct  
F97- 0.21' HIGH Correct  
F106- 0.28' LOW Correct  
G7- 0.12' HIGH Correct

The following storm pipe data items were noted in the schedule:

E28- SOUTH PIPE SHOWN AS 10". SHOULD BE 8". CONFIRM Corrected  
E38- EAST PIPE SHOWN AS 12". SHOULD BE 10". CONFIRM Correct  
E40- SOUTH PIPE SHOWN AS 8". SHOULD BE 18". CONFIRM Corrected

E41- NORTH PIPE SHOWN AS 8". SHOULD BE 18". CONFIRM Corrected  
 E68- A 12" PIPE IS SHOWN WEST. NOT ON PLAN. CONFIRM West pipe is 4" PVC  
 E86- EAST PIPE SHOWN AS 18". SHOULD BE 15". CONFIRM Corrected  
 E93- A 6" PIPE IS SHOWN SOUTH. NOT ON PLAN. CONFIRM South pipe is 8" PVC  
 E104- SOUTH PIPE SHOWN AS 36". SHOULD BE 24". CONFIRM Corrected  
 E138- PLAN SHOWS 6" PIPES SOUTH AND EAST. CONFIRM Added invert information  
 E161- DEFINE CL/INLET-79.04. Measurement taken during construction. Removed  
 E162- DEFINE CL/INLET-78.11. Measurement taken during construction. Removed  
 E163- DEFINE CL/INLET-76.04. SOUTHWEST PIPE SHOWN AS 15". SHOULD BE 18" CONFIRM Corrected  
 E163.2- NORTH PIPE SHOWN AS 15". SHOULD BE 18". CONFIRM Corrected

The following storm pipe slopes are flatter than minimum:

E1-E2  
 E12-E14  
 E13-E14- NEGATIVE SLOPE (PREVIOUSLY APPROVED BY RFI)  
 E23-E24  
 E42-E43- NEGATIVE SLOPE SURVEY REFLECTS  
 E44-E45- CRITICAL FIELD MEASUREMENTS  
 E93-E103- FLAT  
 E103-E104- NEGATIVE SLOPE  
 E118-E119  
 E128-E149  
 E162-E163- NEGATIVE SLOPE

Provide the following storm inverts that were not included:

12" FROM E24 IN A73 Added  
 24" FROM E17 IN A73 Added  
 30" FROM E16 IN A76 Added  
 18" FROM E163 IN A72 Added

The following sanitary rim elevations were noted to not be according to design drawings:

P2- 0.04' LOW Correct  
 N4- 0.26' HIGH Correct  
 N6- 0.09' HIGH Correct  
 N14- 0.11' LOW Correct  
 N15- 0.37' HIGH Correct

The following sanitary pipe slope is flatter than minimum:

N2-N3 Survey reflects field measurements