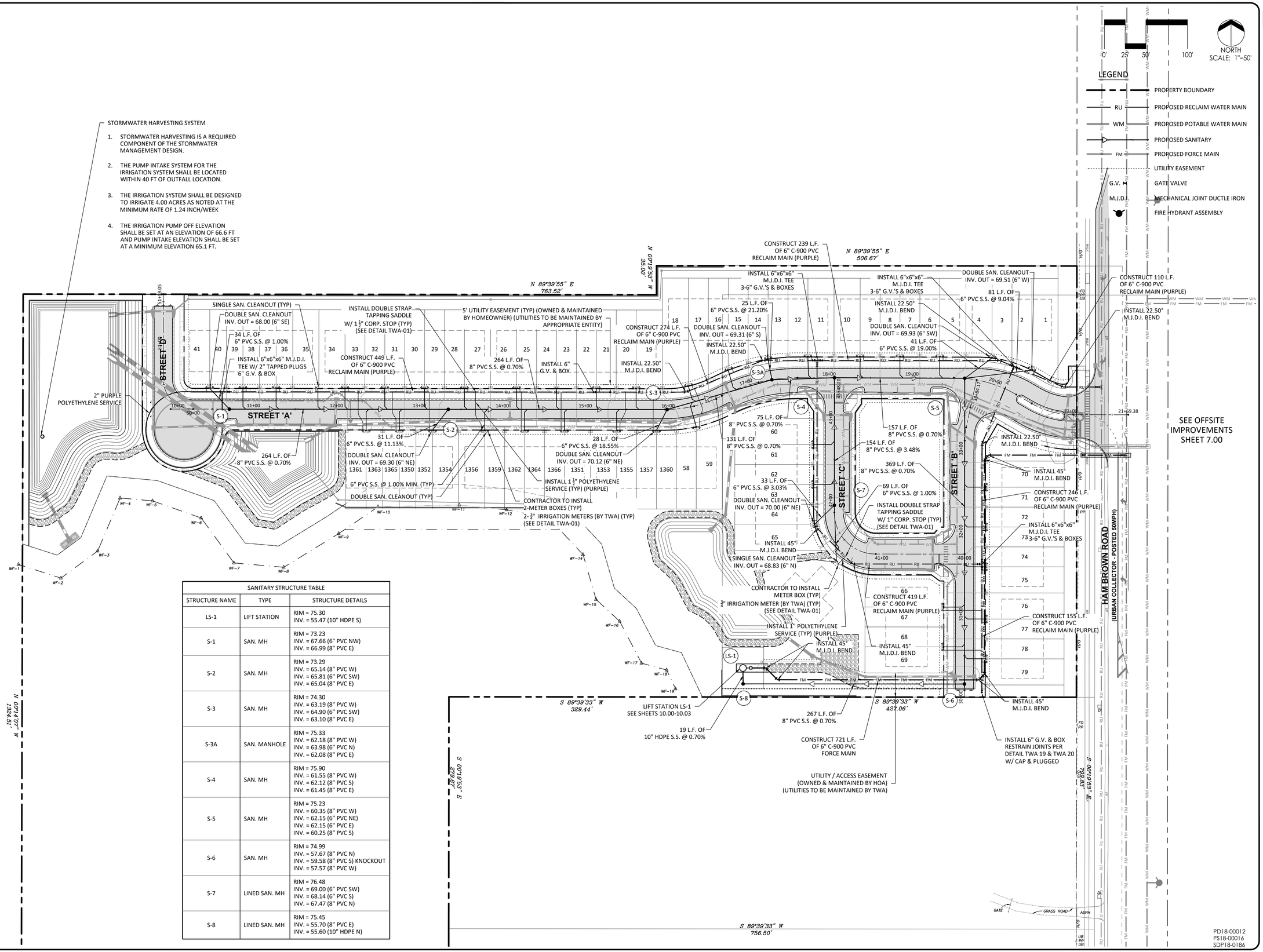
STORMWATER HARVESTING SYSTEM

1. STORMWATER HARVESTING IS A REQUIRED COMPONENT OF THE STORMWATER MANAGEMENT DESIGN.
2. THE PUMP INTAKE SYSTEM FOR THE IRRIGATION SYSTEM SHALL BE LOCATED WITHIN 40 FT OF OUTFALL LOCATION.
3. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO IRRIGATE 4.00 ACRES AS NOTED AT THE MINIMUM RATE OF 1.24 INCH/WEEK
4. THE IRRIGATION PUMP OFF ELEVATION SHALL BE SET AT AN ELEVATION OF 66.6 FT AND PUMP INTAKE ELEVATION SHALL BE SET AT A MINIMUM ELEVATION 65.1 FT.




| SANITARY STRUCTURE TABLE | | |
|---|---|---|
| STRUCTURE NAME | TYPE | STRUCTURE DETAILS |
| LS-1 | LIFT STATION | RIM = 75.30<br>INV. = 55.47 (10" HDPE S) |
| S-1 | SAN. MH | RIM = 73.23<br>INV. = 67.66 (6" PVC NW)<br>INV. = 66.99 (8" PVC E) |
| S-2 | SAN. MH | RIM = 73.29<br>INV. = 65.14 (8" PVC W)<br>INV. = 65.81 (6" PVC SW)<br>INV. = 65.04 (8" PVC E) |
| S-3 | SAN. MH | RIM = 74.30<br>INV. = 63.19 (8" PVC W)<br>INV. = 64.90 (6" PVC SW)<br>INV. = 63.10 (8" PVC E) |
| S-3A | SAN. MANHOLE | RIM = 75.33<br>INV. = 62.18 (8" PVC W)<br>INV. = 63.98 (6" PVC N)<br>INV. = 62.08 (8" PVC E) |
| S-4 | SAN. MH | RIM = 75.90<br>INV. = 61.55 (8" PVC W)<br>INV. = 62.12 (8" PVC S)<br>INV. = 61.45 (8" PVC E) |
| S-5 | SAN. MH | RIM = 75.23<br>INV. = 60.35 (8" PVC W)<br>INV. = 62.15 (6" PVC NE)<br>INV. = 62.15 (6" PVC E)<br>INV. = 60.25 (8" PVC S) |
| S-6 | SAN. MH | RIM = 74.99<br>INV. = 57.67 (8" PVC N)<br>INV. = 59.58 (8" PVC S) KNOCKOUT<br>INV. = 57.57 (8" PVC W) |
| S-7 | LINED SAN. MH | RIM = 76.48<br>INV. = 69.00 (6" PVC SW)<br>INV. = 68.14 (6" PVC S)<br>INV. = 67.47 (8" PVC N) |
| S-8 | LINED SAN. MH | RIM = 75.45<br>INV. = 55.70 (8" PVC E)<br>INV. = 55.60 (10" HDPE N) |

PD18-00012
PS18-00016
SDP18-0186

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XABIER G. GUTIERREZ-OLIVITA, P.E.
No. 51951
STATE OF FLORIDA
PROFESSIONAL ENGINEER

| Rev. | Date | Description | Chk by |
|---|---|---|---|
| | | | |

# ALEXANDER PARK

OSCEOLA COUNTY, FLORIDA
PREPARED FOR: BELLAVISTA DEVELOPMENT GROUP, LLC

## SANITARY SEWER & REUSE WATER PLAN

Date: 2/6/2019
Scale: AS SHOWN
Project No.: 1110.000
Drawn By: RAP
Designed By: RAP
Checked By: XJG

SHEET NO.
6.00

Plotted: February 6, 2019, 4:01:39 PM
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