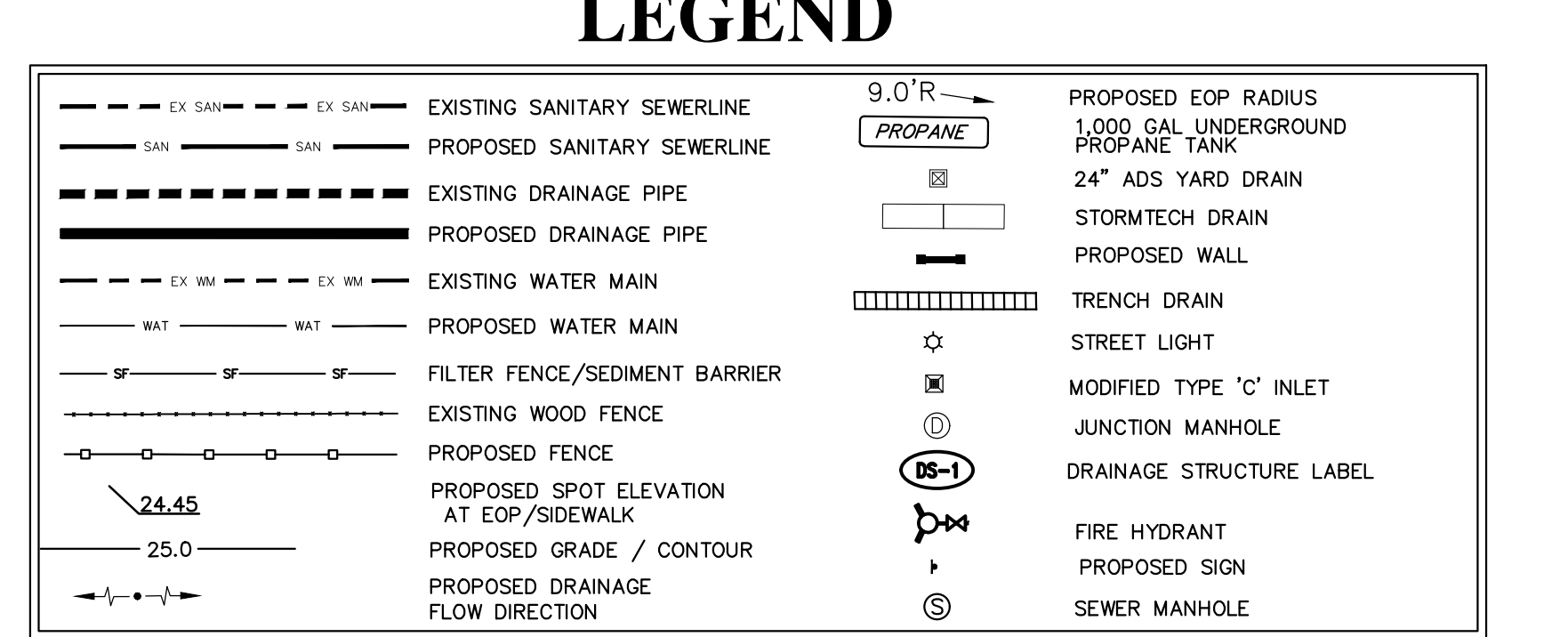


**PROPOSED DRAINAGE STRUCTURES**

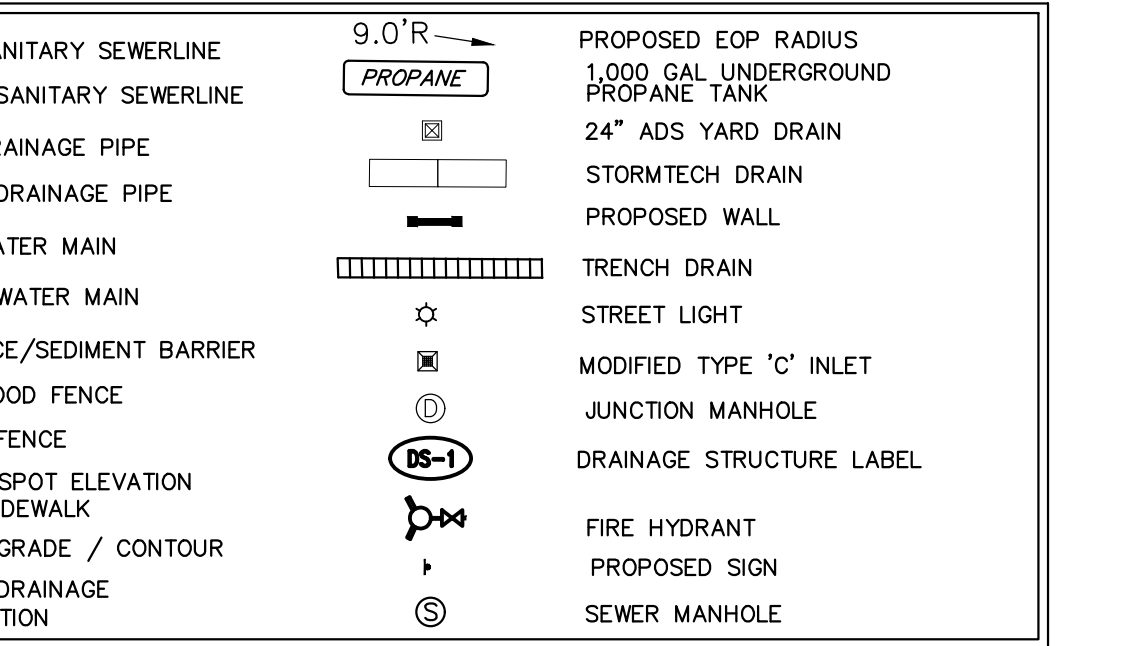
- D1 CONTROL STRUCTURE  
TOP = 9.50  
E. INV = 2.50'  
N. INV = 2.50'
- D2 MODIFIED TYPE 'C' INLET  
TOP = 9.00  
S. INV = 3.00'  
N. INV = 3.00'
- D3 MODIFIED TYPE 'C' INLET  
TOP = 9.00  
S. INV = 2.00'  
N. INV = 3.00'
- D4 JUNCTION MANHOLE W/SUMP  
TOP = 8.00  
S. INV = 1.75'  
N. INV = 3.00'
- D5 MODIFIED TYPE 'C' INLET  
TOP = 9.00  
S. INV = 3.00'



Legend & Abbreviations: (symbols not scaleable for size)

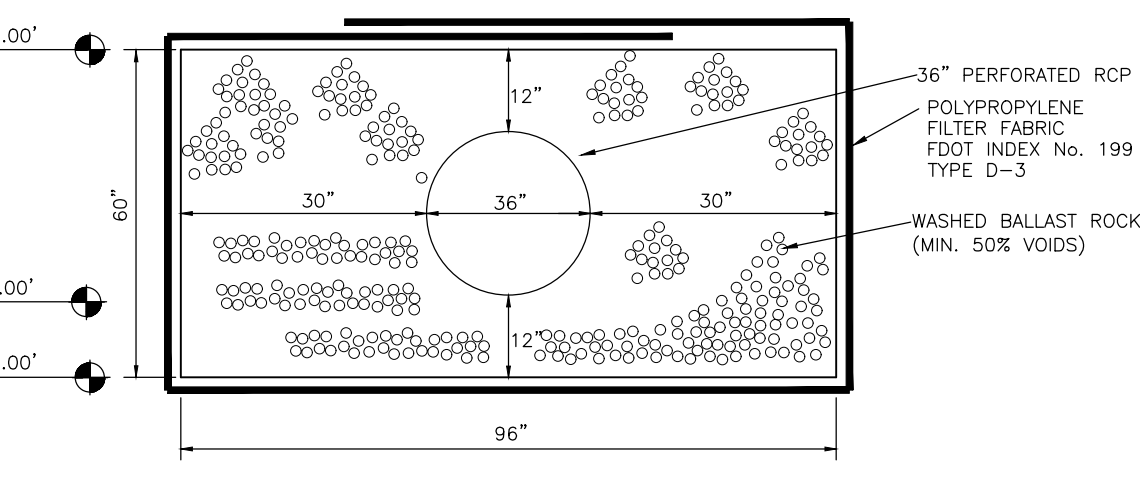
- FLS - PROFESSIONAL LAND SURVEYOR
- PSM - PROFESSIONAL SURVEYOR & MAPPER
- LB - LAND SURVEYING BUSINESS
- E - CENTERLINE
- R - RADIUS
- L - LENGTH
- Δ - DELTA ANGLE
- EIP - EDGE OF PAVEMENT
- B/C - BACK OF CURB
- B/M - BENCHMARK
- POC - POINT OF COMMENCEMENT
- POB - POINT OF BEGINNING
- PCIP - PERMANENT CONTROL POINT
- PRM - PERMANENT REFERENCE MONUMENT
- FRM - PERMANENT REFERENCE MONUMENT
- IP - IRON PIPE
- IR - IRON ROD & CAP
- IRC - IRON ROD & CAP
- CM - CONCRETE MONUMENT
- FD - FOUND
- ME - MEASURED
- PL - PLAT
- CA - CALCULATED
- TR - TRAFFIC CONTROL BOX
- GW - GUY WIRE
- WUP - WOOD UTILITY POLE
- TS - TELEPHONE SERVICE
- EB - ELECTRIC BOX
- LP - LIGHT POST
- W - WELL
- HY - HYDRANT
- GV - GATE VALVE
- IV - IRRIGATION VALVE
- WM - WATER METER
- SM - SANITARY MANHOLE
- SS - SEPTIC TANK
- DM - DRAINAGE MANHOLE
- CI - CURB INLET
- MI - MITERED END SECTION
- CC - CONCEPTUAL DRAINAGE
- SS - STREET SIGN
- PRO - PROPOSED GRADE
- NAVD - NORTH AMERICAN VERTICAL DATUM
- EL - ELEVATION
- A/C - AIR CONDITIONER
- CONC - CONCRETE
- FF - FINISH FLOOR
- BSB - BUILDING SETBACK LINE
- EL.ELEV. - ELEVATION
- R/W - RIGHT OF WAY
- AB - AS-BUILT
- PK - PARKER-KALON

**LEGEND**



Legend & Abbreviations: (symbols not scaleable for size)

- PROPOSED EOP RADIUS
- 1,000 GAL UNDERGROUND PROPANE TANK
- 24" ADS YARD DRAIN
- STORMTECH DRAIN
- PROPOSED WALL
- TRENCH DRAIN
- STREET LIGHT
- MODIFIED TYPE 'C' INLET
- JUNCTION MANHOLE
- DRAINAGE STRUCTURE LABEL
- FIRE HYDRANT
- PROPOSED SIGN
- SEWER MANHOLE

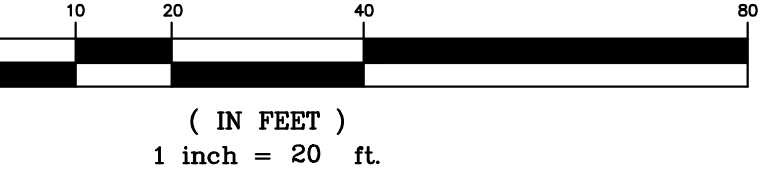


**EXFILTRATION TRENCH DETAIL**  
N.T.S.

**DRAINAGE OUTFALL STATEMENT**

THE PROJECT CONSISTS OF EXFILTRATION TRENCH THAT WILL MEET WATER QUALITY AND QUANTITY CRITERIA. THE SITE HAS ONE OUTFALL IN THE SOUTHWEST CORNER (D1). THE OUTFALL DISCHARGES INTO THE INDIAN RIVER LAGOON.

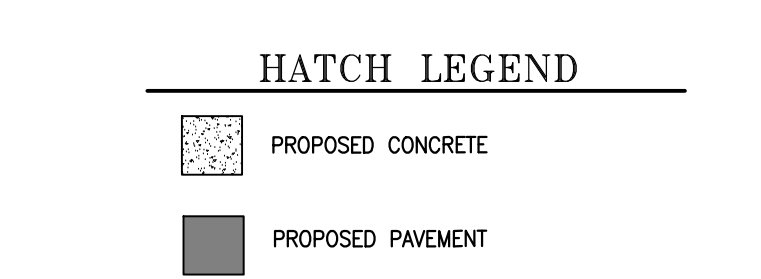
**GRAPHIC SCALE**



**NOTES**

1. ALL DISTURBED AREAS IN THE RIGHT-OF-WAY SHALL BE SOODED. SEED AND MULCH IS NOT ACCEPTABLE.
2. ANY DAMAGE TO THE EXISTING INFRASTRUCTURE, INCLUDING SIDEWALKS, BY THE CONTRACTOR MUST BE REPLACED PRIOR TO FINAL INSPECTION. SIDEWALK PATCHING IS NOT ACCEPTABLE.
3. CURB RAMPS MUST MEET THE REQUIREMENTS OF FOOT STANDARD INDEX 304.
4. ALL STRIPING WITHIN THE RIGHT-OF-WAY SHALL BE THERMOPLASTIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING PUBLIC ROADWAY, CURBS, GUTTERS, SIDEWALKS, DRAINAGE SYSTEMS AND UTILITIES AS A DIRECT RESULT OF NEW CONSTRUCTION. ROAD IMPROVEMENTS SUCH AS BUT NOT LIMITED TO RESURFACING MAY BE REQUIRED.
5. THE SITE DRAINAGE AND CONSTRUCTION IMPROVEMENTS SHALL NOT ADVERSELY IMPACT ADJOINING PROPERTIES AND/OR ROADWAYS.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT SUNSHINE STATE ONE CALL SYSTEM AT 1-800-432-4770 FOR LOCATIONS OF THIS EQUIPMENT AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION.
7. CONTRACTOR TO FIELD VERIFY ALL REPORTED INVERTS AND UTILITIES AND REPORT TO ENGINEER FOR RESOLUTION OF ISSUES.
8. ANY CONFLICTS WITH THE PLANS AND EXISTING UTILITIES, DRAINAGE, ETC TO BE REPORTED TO ENGINEER FOR RESOLUTION OF ISSUES.
9. CONTRACTOR TO FIELD VERIFY ALL REPORTED INVERTS AND UTILITIES AND REPORT TO ENGINEER.

**HATCH LEGEND**



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**INDIAN RIVER VILLAS**  
 PAVING, GRADING & UTILITY PLAN

DATE: SHEET  
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