





DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

**SUNRISE LAKES**  
PROJECT

**INTEGRITY 1ST**  
CONSTRUCTION GROUP



DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN COUNTY'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FOOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) NOT GOVERNED BY LOCAL OR COUNTY REQUIREMENTS.

2. ALL UNPAVED AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SOODED.

3. TRAFFIC CONTROL ON ALL FDOT, LOCAL, AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF PRACTICES FOR TRAFFIC CONTROL AND TRAFFIC SIGNALING, LATEST EDITION, AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MOST STRINGENT OF THE FOLLOWING: LOCAL, COUNTY, STATE, OR FEDERAL REQUIREMENTS, UNLESS OTHERWISE INDICATED.

5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SOODED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN INDICATED ON THE DRAWINGS.

6. WHERE EXISTING PAVEMENT IS TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND BAY OF MATERIAL AS EXISTING OR AS INDICATED.

7. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND FINISH THE EXISTING PAVEMENT WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.

8. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND MAINTAIN THEM THROUGHOUT CONSTRUCTION TO PREVENT FINE PARTICULATE MATERIALS FROM ENTERING DRAINAGE LINES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION.

9. ALL REMAINING TO BE REMOVED SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.

10. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.

11. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FOOT AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

12. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SOODED OR SEED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED, AND MAINTAINED UNTIL MATURE GRASS GROWTH IS ESTABLISHED. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

13. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) : 1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DRIFT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

15. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

16. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

17. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

18. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

19. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

20. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.

1. STANDARD INDEXES REFER TO THE 2007/2022 EDITION OF F.O.D.I.'S "STANDARD PLANS FOR ROADWAY CONSTRUCTION"

2. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS II (ASTM C-40) UNLESS OTHERWISE NOTED ON PLANS. ALL OTHER PIPES SHALL BE IN ACCORDANCE WITH F.O.D.I.'S ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.

3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES. WITH THE EXCEPTION OF WETTED END AND FLARED END SECTIONS, WHICH ARE NOT INCLUDED IN LENGTHS.

4. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED, SHALL BE TRAFFIC RATED FOR H-20 LOADINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY UPDATES TO EXISTING DRAINAGE STRUCTURES.

5. CONSTRUCTION OF THE ENTIRE STORMWATER MANAGEMENT SYSTEM SHOWN ON THE PLANS MUST BE COMPLETE AND ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIRST CERTIFICATE OF OCCUPANCY FOR ANY LOT, INITIATION OF ANTICIPATED USE OF THE INFRASTRUCTURE, OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.

6. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER JURISDICTION REGULATIONS (MANUFACTURER'S AND WATER PIPING SPECIFICATIONS, MANHOLE COVER AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH SOUTH FLORIDA WATER MANAGEMENT DISTRICT STANDARDS).

7. THE CONTRACTOR IS RESPONSIBLE FOR ASSURING PROPER TESTING WITH THE SOIL ENGINEER. TESTS WILL BE REQUIRED BY THE OWNER'S ENGINEER STAFF. UPON COMPLETION OF WORK THE SOIL ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND THE OWNER'S ENGINEER STAFF.

8. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE CONSTRUCTION WITH ALL APPLICABLE REGULATIONS. TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY. ALL TESTING BEING REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RE-TESTING.

9. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO INSPECTION. THE CONTRACTOR TO NOTIFY THE ENGINEER 7 FULL BUSINESS DAYS IN ADVANCE TO SCHEDULE INSPECTION.

10. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE RESPECTED BY THE OWNER'S ENGINEER PRIOR TO ANY TESTING BEING REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RE-TESTING.

1. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.

2. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY TRENCH, VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.

3. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING, AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS MANNER AND SHALL BE SUBJECT TO INSPECTION BY THE ENGINEER OR OWNER. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, WOULD BE UNFIT FOR USE AT THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

4. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO RESUME PAVING SHALL BE BROUGHT ON SITE.

5. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO BE COMPLETED BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

6. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.

7. CONTRACTOR SHALL PERFORM ALL HIS OWN REPAIRS, AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY TELEVISION INSPECTION AND A WANDER TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

8. ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL ACCEPTANCE. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DEFORMATION.

2. SILT FENCES SHALL BE CHECKED REGULARLY TO BE FREE OF OBSTACLES, WEEDS, AND OTHER DEBRIS. SLOTTED FILTERS SHALL BE MAINTAINED AS NEEDED FOR MAINTENANCE REQUIREMENTS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).

3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO A CONDITION WHERE THE MAIN STRUCTURE IS CLEAN AND OPERATIONAL.

5. THE TEMPORARY BASINS AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

6. OULET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED OPERATIONAL. CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENTATION BASIN OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED TO 55 CUBIC YARDS / APE.

7. MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE OPERATION.

1. THE CONTRACTOR SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO CONSTRUCTION, AND UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN ON THE PLANS AND TO MAINTAIN THE FACILITY IN ACCORDANCE WITH THE APPLICABLE APPROVING AUTHORITIES.

3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO ALL INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. A GUARANTEE IS NOT BEING PROVIDED BY THE ENGINEER AS TO THE ACCURACY OF THE UTILITIES SHOWN ON THE PLANS.

4. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES, SUSTAINED OR COST INCURRED BECAUSE OF ANY UTILITIES, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES AND ALL DRAINAGE STRUCTURES TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.

5. IF THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR REPAIRED UTILITIES IS NOT SUFFICIENT TO LOCATE ALL UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AS REQUIRED. A LIST OF THE UTILITY COMPANIES WHICH MAY HAVE BURIED OR REPAIRED UTILITIES IS LISTED AS ATTACHED TO THESE PLANS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.

7. INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS AND BONDS BEFORE COMMENCING WORK, NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.

8. ENGINEER OF RECORD DESIGN FROM THE TESTING ASSIGNED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SOUNDED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA, DEPICTING THE ACTUAL FIELD LOCATION OF ALL SURVEY POINTS WILL BE THE CONTRACTOR'S RESPONSIBILITY. JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.

11. ANY UTILITIES DISCOVERED ON SITE THAT HAVE NO USE AND NOT PLANNED BY A LICENSED WELL DRILLING CONTRACTOR IN A PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AS REQUIRED. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.

12. ANY WELLS DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

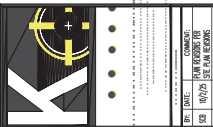
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

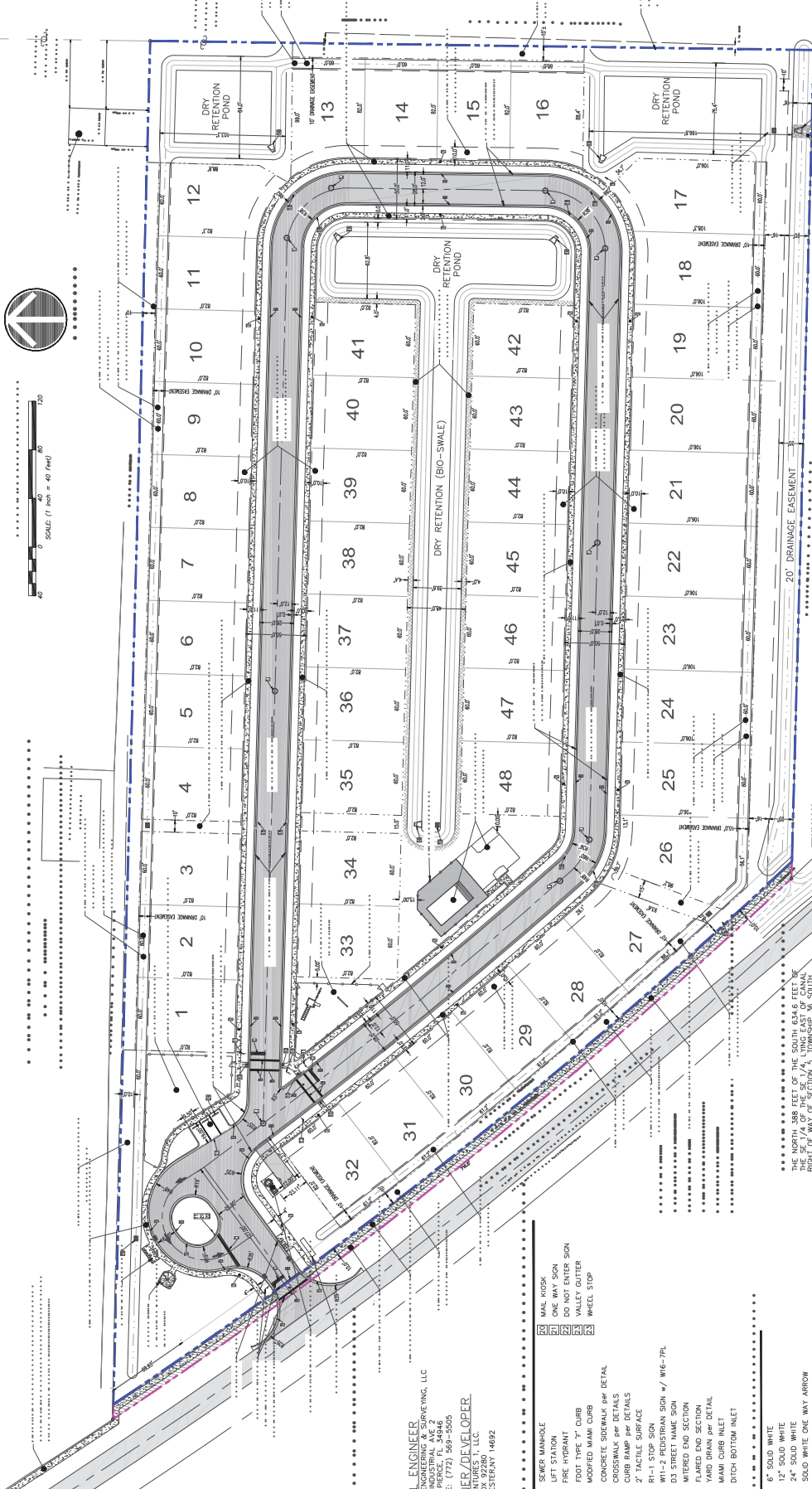
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.

21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACK FILLING OF TRENCHES FOR ROAD CONSTRUCTION AND PLACEMENT OF GRAVE OR BIOMIMOUS PAVING FOR ROAD CONSTRUCTION.

<p>1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN COUNTY'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FOOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) NOT GOVERNED BY LOCAL OR COUNTY REQUIREMENTS.</p> <p>2. ALL UNPAVED AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SOODED.</p> <p>3. TRAFFIC CONTROL ON ALL FDOT, LOCAL, AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF PRACTICES FOR TRAFFIC CONTROL AND TRAFFIC SIGNALING, LATEST EDITION, AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.</p> <p>4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MOST STRINGENT OF THE FOLLOWING: LOCAL, COUNTY, STATE, OR FEDERAL REQUIREMENTS, UNLESS OTHERWISE INDICATED.</p> <p>5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SOODED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN INDICATED ON THE DRAWINGS.</p> <p>6. WHERE EXISTING PAVEMENT IS TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND BAY OF MATERIAL AS EXISTING OR AS INDICATED.</p> <p>7. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND FINISH THE EXISTING PAVEMENT WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.</p> <p>8. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND MAINTAIN THEM THROUGHOUT CONSTRUCTION TO PREVENT FINE PARTICULATE MATERIALS FROM ENTERING DRAINAGE LINES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION.</p> <p>9. ALL REMAINING TO BE REMOVED SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.</p> <p>10. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.</p> <p>11. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FOOT AGREEMENT, THE MOST STRINGENT SHALL GOVERN.</p> <p>12. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SOODED OR SEED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED, AND MAINTAINED UNTIL MATURE GRASS GROWTH IS ESTABLISHED. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>13. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) : 1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.</p> <p>14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DRIFT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>15. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>16. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>17. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>18. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>19. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p> <p>20. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.</p>	<p>1. STANDARD INDEXES REFER TO THE 2007/2022 EDITION OF F.O.D.I.'S "STANDARD PLANS FOR ROADWAY CONSTRUCTION"</p> <p>2. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS II (ASTM C-40) UNLESS OTHERWISE NOTED ON PLANS. ALL OTHER PIPES SHALL BE IN ACCORDANCE WITH F.O.D.I.'S ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.</p> <p>3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES. WITH THE EXCEPTION OF WETTED END AND FLARED END SECTIONS, WHICH ARE NOT INCLUDED IN LENGTHS.</p> <p>4. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED, SHALL BE TRAFFIC RATED FOR H-20 LOADINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY UPDATES TO EXISTING DRAINAGE STRUCTURES.</p> <p>5. CONSTRUCTION OF THE ENTIRE STORMWATER MANAGEMENT SYSTEM SHOWN ON THE PLANS MUST BE COMPLETE AND ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIRST CERTIFICATE OF OCCUPANCY FOR ANY LOT, INITIATION OF ANTICIPATED USE OF THE INFRASTRUCTURE, OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.</p> <p>6. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER JURISDICTION REGULATIONS (MANUFACTURER'S AND WATER PIPING SPECIFICATIONS, MANHOLE COVER AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH SOUTH FLORIDA WATER MANAGEMENT DISTRICT STANDARDS).</p> <p>7. THE CONTRACTOR IS RESPONSIBLE FOR ASSURING PROPER TESTING WITH THE SOIL ENGINEER. TESTS WILL BE REQUIRED BY THE OWNER'S ENGINEER STAFF. UPON COMPLETION OF WORK THE SOIL ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND THE OWNER'S ENGINEER STAFF.</p> <p>8. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE CONSTRUCTION WITH ALL APPLICABLE REGULATIONS. TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY. ALL TESTING BEING REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RE-TESTING.</p> <p>9. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO INSPECTION. THE CONTRACTOR TO NOTIFY THE ENGINEER 7 FULL BUSINESS DAYS IN ADVANCE TO SCHEDULE INSPECTION.</p> <p>10. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE RESPECTED BY THE OWNER'S ENGINEER PRIOR TO ANY TESTING BEING REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RE-TESTING.</p>	<p>1. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.</p> <p>2. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY TRENCH, VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.</p> <p>3. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING, AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS MANNER AND SHALL BE SUBJECT TO INSPECTION BY THE ENGINEER OR OWNER. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, WOULD BE UNFIT FOR USE AT THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.</p> <p>4. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO RESUME PAVING SHALL BE BROUGHT ON SITE.</p> <p>5. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO BE COMPLETED BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.</p> <p>6. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.</p> <p>7. CONTRACTOR SHALL PERFORM ALL HIS OWN REPAIRS, AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY TELEVISION INSPECTION AND A WANDER TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.</p> <p>8. ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL ACCEPTANCE. THE CONTRACTOR SHALL MAINTAIN ALL AREAS TO BE SEED OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:</p> <p>1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DEFORMATION.</p> <p>2. SILT FENCES SHALL BE CHECKED REGULARLY TO BE FREE OF OBSTACLES, WEEDS, AND OTHER DEBRIS. SLOTTED FILTERS SHALL BE MAINTAINED AS NEEDED FOR MAINTENANCE REQUIREMENTS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).</p> <p>3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.</p> <p>4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO A CONDITION WHERE THE MAIN STRUCTURE IS CLEAN AND OPERATIONAL.</p> <p>5. THE TEMPORARY BASINS AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.</p> <p>6. OULET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED OPERATIONAL. CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENTATION BASIN OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED TO 55 CUBIC YARDS / APE.</p> <p>7. MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE OPERATION.</p>	<p>1. THE CONTRACTOR SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO CONSTRUCTION, AND UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.</p> <p>2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN ON THE PLANS AND TO MAINTAIN THE FACILITY IN ACCORDANCE WITH THE APPLICABLE APPROVING AUTHORITIES.</p> <p>3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO ALL INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. A GUARANTEE IS NOT BEING PROVIDED BY THE ENGINEER AS TO THE ACCURACY OF THE UTILITIES SHOWN ON THE PLANS.</p> <p>4. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES, SUSTAINED OR COST INCURRED BECAUSE OF ANY UTILITIES, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES AND ALL DRAINAGE STRUCTURES TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.</p> <p>5. IF THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR REPAIRED UTILITIES IS NOT SUFFICIENT TO LOCATE ALL UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AS REQUIRED. A LIST OF THE UTILITY COMPANIES WHICH MAY HAVE BURIED OR REPAIRED UTILITIES IS LISTED AS ATTACHED TO THESE PLANS.</p> <p>6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.</p> <p>7. INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS AND BONDS BEFORE COMMENCING WORK, NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.</p> <p>8. ENGINEER OF RECORD DESIGN FROM THE TESTING ASSIGNED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER.</p> <p>9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SOUNDED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA, DEPICTING THE ACTUAL FIELD LOCATION OF ALL SURVEY POINTS WILL BE THE CONTRACTOR'S RESPONSIBILITY. JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.</p> <p>10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.</p> <p>11. ANY UTILITIES DISCOVERED ON SITE THAT HAVE NO USE AND NOT PLANNED BY A LICENSED WELL DRILLING CONTRACTOR IN A PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AS REQUIRED. CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.</p> <p>12. ANY WELLS DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.</p> <p>13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT VIOLATE ANY APPLICABLE REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER PRIOR TO CONSTRUCTION SHALL BE CONSIDERED A VIOLATION OF THE CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RELATED CHANGE ORDER.</p> <p>21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACK FILLING OF TRENCHES FOR ROAD CONSTRUCTION AND PLACEMENT OF GRAVE OR BIOMIMOUS PAVING FOR ROAD CONSTRUCTION.</p>
---	--	---	--



INTEGRITY 1ST  
CONSTRUCTION GROUP



- NOTES**
- 1. AIR CONDITIONER UNITS WILL HAVE A 5' SIDE SETBACK.
  - 2. FLOOD ZONE: PROPERTY LIES WITHIN FLOOD ZONE "X" (EFFECTIVE 12/11/2018).
- LEGEND**
- DENOTES PROPERTY BOUNDARY
  - DENOTES RIGHT-OF-WAY
  - DENOTES CENTERLINE
  - DENOTES EASEMENT
  - DENOTES FENCE LINE
  - DENOTES DRAINAGE PIPE
  - DENOTES SEWER MANHOLE
  - DENOTES FIRE HYDRANT
  - DENOTES DATE VALVE
  - DENOTES LIGHT POLE
  - DENOTES STREET SIGN
  - DENOTES RIGHT-OF-WAY BOUNDARY
  - DENOTES ASPHALT PAVEMENT
  - DENOTES CONCRETE PAVEMENT
  - DENOTES STREET SIGN

ZONING	PS
MAX LOT SIZE	4,000 SF
MAX LOT WIDTH	60'
MAX LOT DEPTH	80'
MAX ROAD FRONTAGE	400'
MAX LOT COVERAGE	20%
BUILDING HEIGHT (1 STORY)	20'
MAX GROSS DENSITY (DU/AC)	6.5 DU/AC (4.16 DU/AC PROPOSED)
MIN SETBACKS	15'
PROFIT	5'
SIDE (INTERIOR)	5'
SIDE (CORNER)	5'
GARAGE	20'
REAR	15'

LAND USE BREAKDOWN	
TOTAL AREA OF SUBJECT PARCEL	502,682 SF
AREA OF ON-SITE WETLAND	0 SF
AREA OF WETLAND BUFFER	0 SF
TOTAL DEVELOPMENT AREA	502,682 SF
TOTAL DEVELOPMENT AREA	502,682 SF
AREA OF PROPOSED ROW IMPERVIOUS	77,933 SF
AREA OF PROPOSED LOT IMPERVIOUS	101,865 SF
AREA OF PROPOSED RETENTION BASE	30,161 SF
TOTAL PROPOSED IMPERVIOUS AREA	213,727 SF
AREA OF PROPOSED LOT PERVIOUS	152,796 SF
AREA OF PROPOSED RETENTION BANK	9,027 SF
AREA OF PROPOSED GREEN SPACE	102,323 SF
TOTAL PROPOSED PERVIOUS AREA	264,148 SF

DEVELOPMENT DATA	
PROJECT NAME	SUNRISE LAKES
TAX PARCEL ID NO.	3405-443-0001-000-0
EXISTING FUTURE LAND USE	RESIDENTIAL LOW DENSITY (RL)
PROPOSED ZONING	R-1
PLANNED DEVELOPMENT ZONE (PD)	SINGLE-FAMILY RESIDENTIAL
PROJECT USE	RESIDENTIAL
MAXIMUM ALLOWABLE DENSITY	RL - 6.5 DU/AC
PROPOSED DENSITY (48 UNITS)	PD - 4.16 DU/AC

OPEN SPACE CALCULATION	
TOTAL AREA OF SUBJECT PARCEL	502,682 SF
REQUIRED OPEN SPACE AREA	100,536 SF
AREA OF WETLAND BUFFER	0 SF
AREA OF RETENTION POND/S	50,161 SF (max)
AREA OF GREEN SPACE	83,323 SF
PROVIDED OPEN SPACE AREA	133,484 SF
PER SECTION 125-212(b)(3), stormwater detention and retention facilities providing that no more than 30 percent of the overall open space requirement shall be satisfied in this manner	

**CIVIL ENGINEER**  
 INTEGRITY 1ST CONSTRUCTION GROUP, LLC  
 3001 INDUSTRIAL AVE 2  
 FORT PIERCE, FL 34946  
 PHONE: (772) 569-5566

**OWNER/DEVELOPER**  
 INTEGRITY 1ST CONSTRUCTION GROUP, LLC  
 PO BOX 92380  
 ROCKHURST, MO 64682

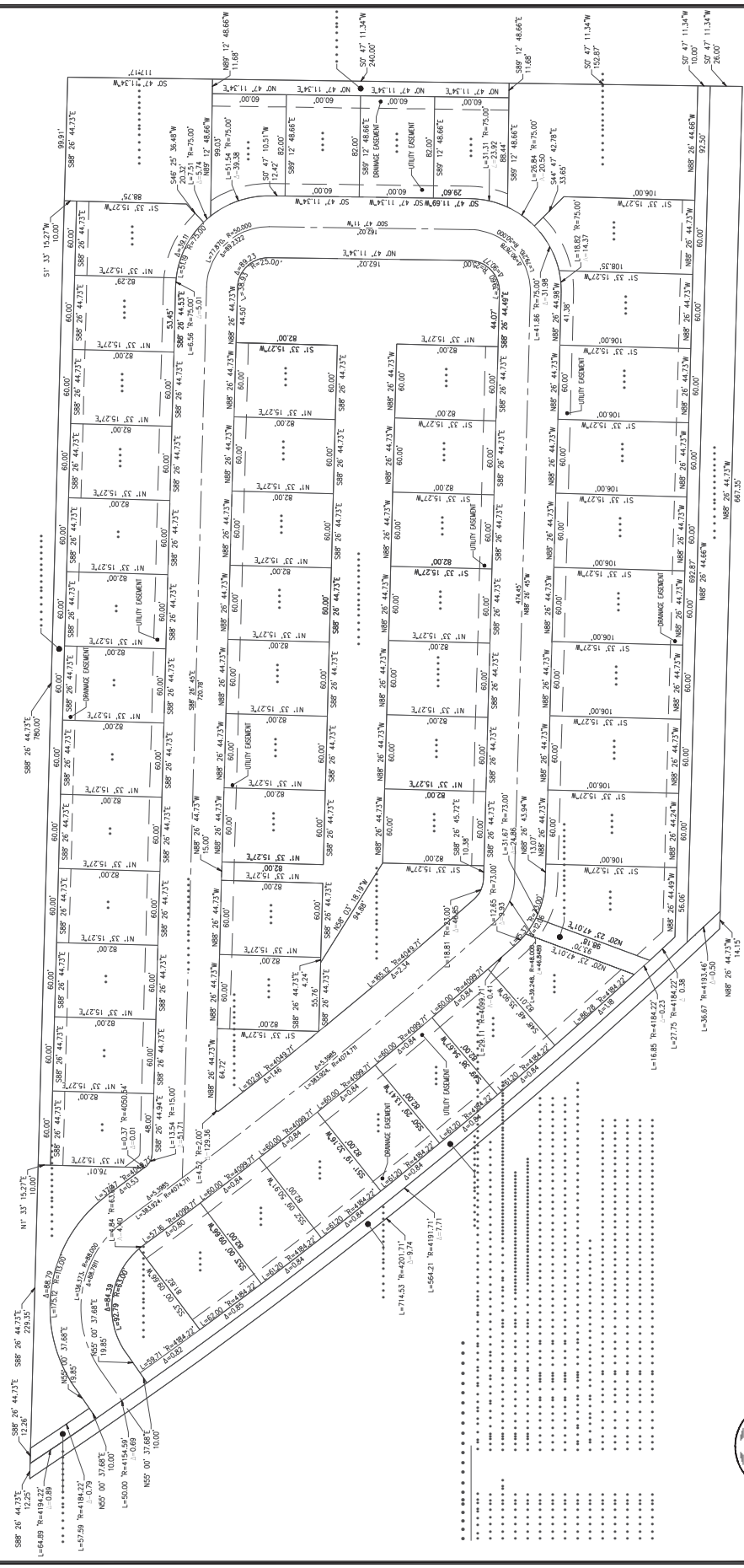
- 1 SEWER MANHOLE
- 2 LEFT STATION
- 3 FIRE HYDRANT
- 4 DO NOT ENTER SIGN
- 5 VALLEY OUTER
- 6 WHEEL STOP
- 7 FOOT TYPE 1" CURB
- 8 MODIFIED MAMI CURB
- 9 CONCRETE SIDEWALK P&P DETAIL
- 10 CROSSWALK P&P DETAILS
- 11 CURB RAMP P&P DETAILS
- 12 2" TACTILE SURFACE
- 13 R-1 STOP SIGN
- 14 FLEXIBLE SIGN
- 15 MIBED END SECTION
- 16 FLARED END SECTION
- 17 YARD DRAIN P&P DETAIL
- 18 MAMI CURB INLET
- 19 DITCH BOTTOM INLET

- 1 6" SOLID WHITE
- 2 4" SOLID WHITE
- 3 4" SOLID WHITE
- 4 4" SOLID WHITE ONE WAY ARROW

LESS AND EXCEPT THOSE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 4161 PAGE 173, ST. LUCIE COUNTY PUBLIC RECORDS

THE NORTH 388 FEET OF THE SOUTH 634.6 FEET OF THE SE 1/4 OF THE SE 1/4 LYING EAST OF CANAL RIGHT OF WAY OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA.

LESS AND EXCEPT THOSE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 4161, PAGE 173, ST. LUCIE COUNTY PUBLIC RECORDS



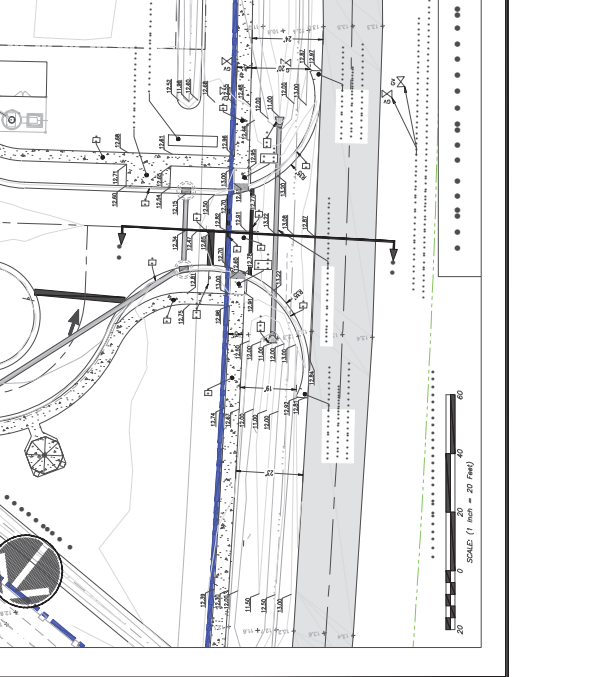
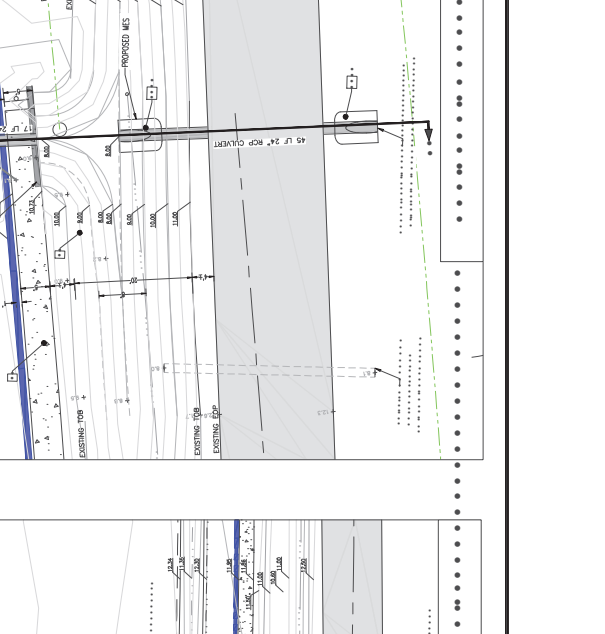
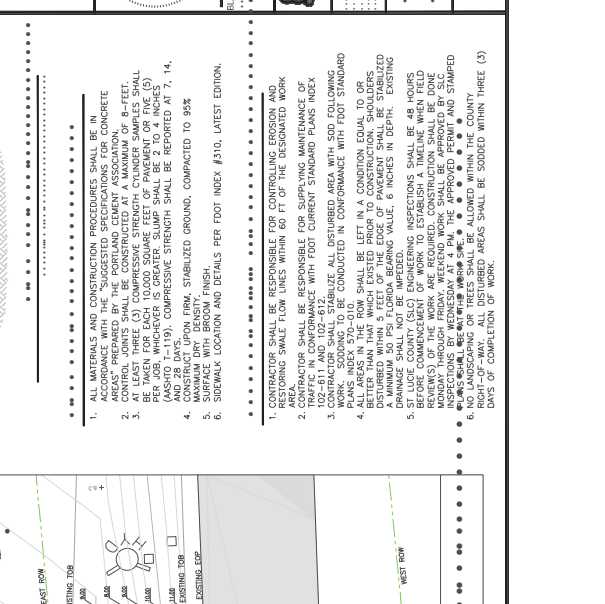
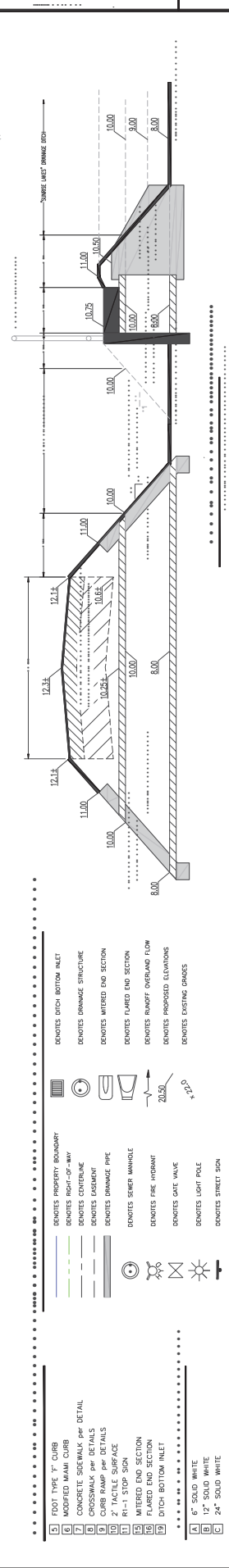
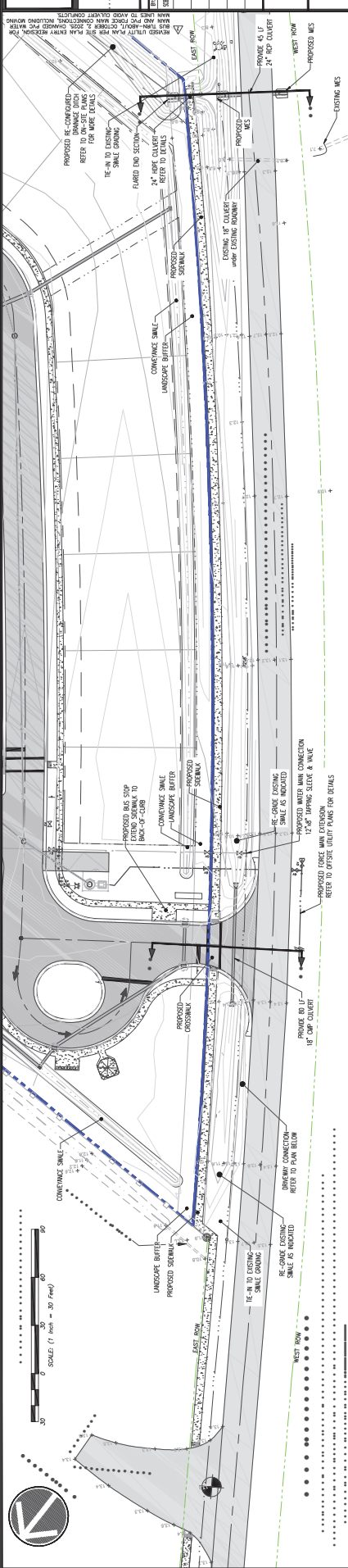
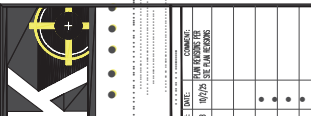
THIS INSTRUMENT PREPARED BY:  
 WILLIAM E. HAYHURST, P.S.M.  
 REGISTRATION NO. 4416  
 PREPARATION DATE: DECEMBER 2022







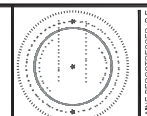




- 5) FOOT TYPE "T" CURB
- 6) MODIFIED MAHJ CURB
- 7) CONCRETE SIDEWALK P&P DETAIL
- 8) CROSSWALK P&P DETAILS
- 9) CURB RAMP P&P DETAILS
- 10) 2" TACTILE SURFACE
- 11) R-11 STOP SIGN
- 12) MITRED END SECTION
- 13) DITCH BOTTOM INLET
- 14) 6" SOLID WHITE
- 15) 12" SOLID WHITE
- 16) 24" SOLID WHITE

- 17) DENOTES PROPERTY BOUNDARY
- 18) DENOTES RIGHT-OF-WAY
- 19) DENOTES CENTERLINE
- 20) DENOTES EASTMENT
- 21) DENOTES DRAINAGE PIPE
- 22) DENOTES SEWER MANHOLE
- 23) DENOTES FIRE HYDRANT
- 24) DENOTES GATE VALVE
- 25) DENOTES LIGHT POLE
- 26) DENOTES STREET SIGN
- 27) DENOTES DITCH BOTTOM INLET
- 28) DENOTES DRAINAGE STRUCTURE
- 29) DENOTES MITRED END SECTION
- 30) DENOTES FLARED END SECTION
- 31) DENOTES RUNOFF OVERLAND FLOW
- 32) DENOTES PROPOSED ELEVATIONS
- 33) DENOTES EXISTING GRADES

INTEGRITY 1ST  
CONSTRUCTION GROUP

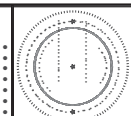


1. ALL MATERIALS AND CONSTRUCTION PROCEDURES SHALL BE IN ACCORDANCE WITH THE SUGGESTED SPECIFICATIONS FOR CONCRETE AREAS PREPARED BY THE PORTLAND CEMENT ASSOCIATION (PCA).
2. AT LEAST THREE (3) COMPRESSIVE STRENGTH CYLINDER SAMPLES SHALL BE TAKEN FOR EACH 1000 SQUARE FEET OF PAVEMENT OR FINE (S) (ASHTO T-119). COMPRESSIVE STRENGTH SHALL BE REPORTED AT 7, 14, 28, AND 90 DAYS.
3. MAXIMUM DRY DENSITY FINISH SHALL BE REPORTED AT 7, 14, 28, AND 90 DAYS.
4. SIDEWALK LOCATION AND DETAILS PER FOOT INDEX #310, LATEST EDITION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND RESTORING SWALE FLOW LINES WITHIN 50 FT OF THE DESIGNATED WORK AREA.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING MAINTENANCE OF TRAFFIC IN CONFORMANCE WITH FOOT CURENT STANDARD PLANS INDEX 300.
7. CONTRACTOR SHALL STABILIZE ALL DISTURBED AREA WITH SOIL FOLLOWING WORK.
8. SOODING TO BE CONDUCTED IN CONFORMANCE WITH FOOT STANDARD 300.
9. ALL AREAS IN THE ROW SHALL BE LEFT IN A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION. SHOULDER SHALL BE REPAIRED TO ORIGINAL FINISH AND SHALL BE AT LEAST A MINIMUM 50 PSI FLORIDA-BEARING VALUE, 6 INCHES IN DEPTH.
10. EXISTING ST. LUCIE COUNTY (SLO) ENGINEERING INSPECTIONS SHALL BE 48 HOURS BEFORE COMMENCEMENT OF WORK TO ESTABLISH A TIMELINE WHEN FIELD INSPECTIONS BE WEDNESDAY 48 HOURS BEFORE WORK SHALL BE APPROVED BY SLO.
11. NO LANDSCAPING OR TREES SHALL BE ALLOWED WITHIN THE COUNTY ROW OF COMPLETION OF WORK.



NO.	DATE	DESCRIPTION
1	10/20/20	ISSUED FOR PERMITS
2	10/20/20	ISSUED FOR PERMITS
3	10/20/20	ISSUED FOR PERMITS
4	10/20/20	ISSUED FOR PERMITS
5	10/20/20	ISSUED FOR PERMITS
6	10/20/20	ISSUED FOR PERMITS
7	10/20/20	ISSUED FOR PERMITS
8	10/20/20	ISSUED FOR PERMITS
9	10/20/20	ISSUED FOR PERMITS
10	10/20/20	ISSUED FOR PERMITS

INTEGRITY 1ST  
CONSTRUCTION GROUP



BLAINE BERGSTRESSER, P.E.  
811  
ALWAYS CALL 811  
BEFORE YOU DIG

NO.	DATE	DESCRIPTION
1	10/20/20	ISSUED FOR PERMITS
2	10/20/20	ISSUED FOR PERMITS
3	10/20/20	ISSUED FOR PERMITS
4	10/20/20	ISSUED FOR PERMITS
5	10/20/20	ISSUED FOR PERMITS
6	10/20/20	ISSUED FOR PERMITS
7	10/20/20	ISSUED FOR PERMITS
8	10/20/20	ISSUED FOR PERMITS
9	10/20/20	ISSUED FOR PERMITS
10	10/20/20	ISSUED FOR PERMITS

CRUSHED CONCRETE  
COMPACTED TO 95% MODIFIED  
PER AASHTO T-180 MIN. LBR 100

STABILIZED SUBGRADE  
PROCESSED TO 95% MODIFIED  
PER AASHTO T-180 MIN. LBR 40

3" COMPACT 10"  
95% MAX. DENSITY

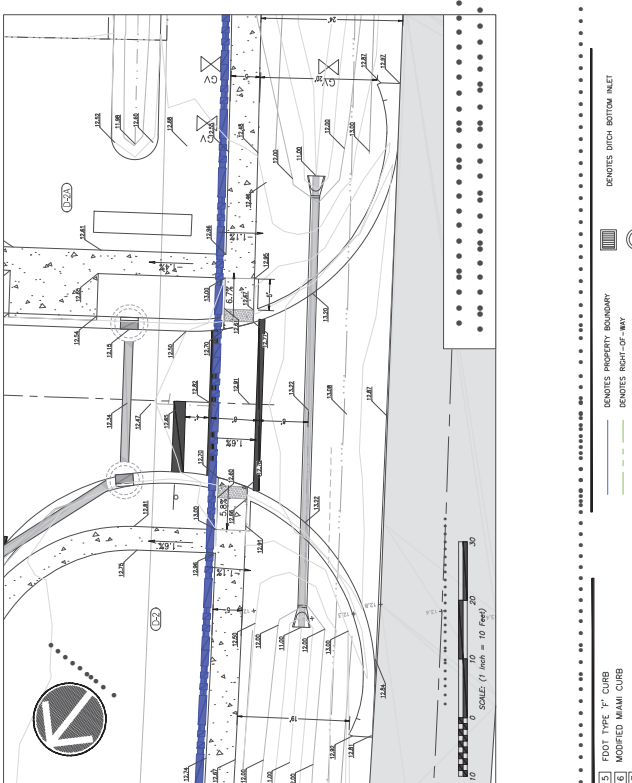
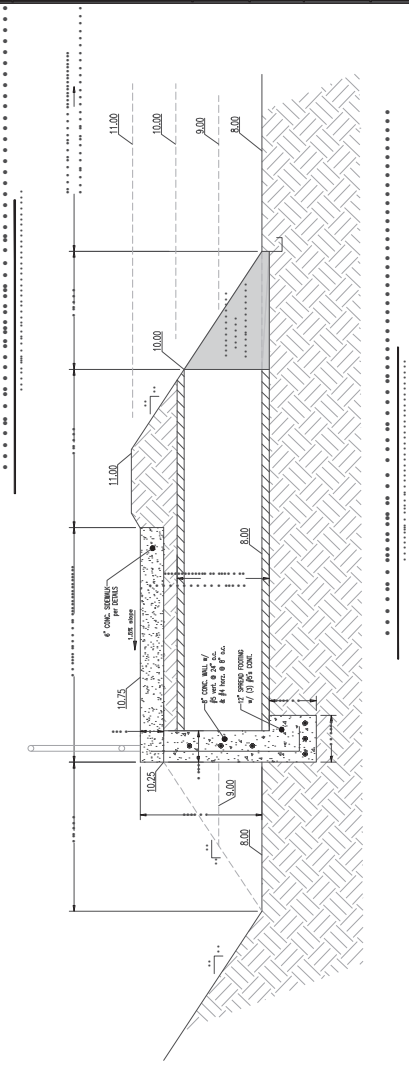
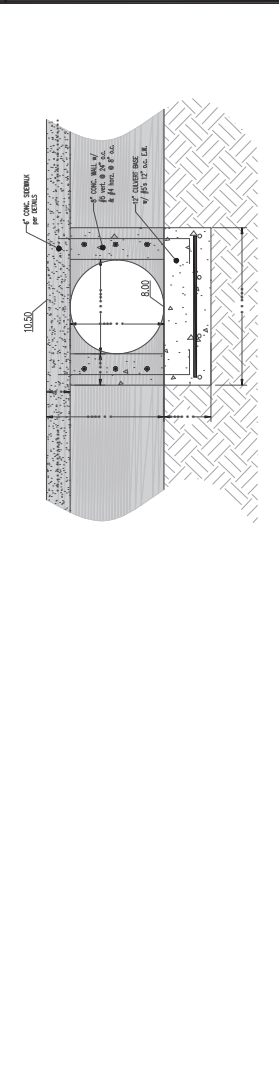
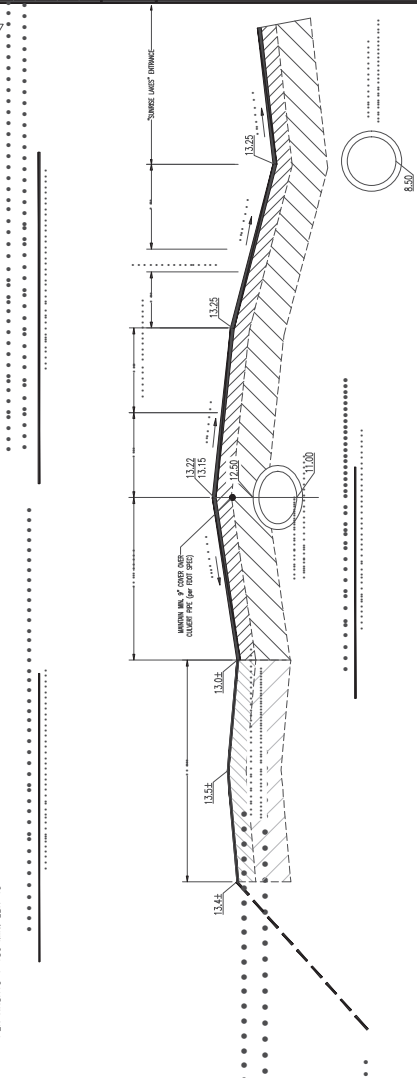
1-1/2" LIFT OF SP-9.5, COMPACTED TO  
92% GRAVITY MEASURED BY FM 1-1 209

CRUSHED CONCRETE  
COMPACTED TO 95% MODIFIED  
PER AASHTO T-180 MIN. LBR 100

STABILIZED SUBGRADE  
PROCESSED TO 95% MODIFIED  
PER AASHTO T-180 MIN. LBR 40

3" COMPACT 10"  
95% MAX. DENSITY

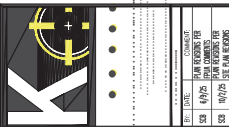
CONTRACTOR TO REFER TO THE GEOTECHNICAL REPORT FOR SITE WORK SPECIFICATIONS.  
PROPOSED CONCRETE SHALL BE FROM AN APPROVED PLANT.  
CRUSHED CONCRETE GRANULOM shall BE AVAILABLE ON SITE AND SUBMITTED FOR THE AG-BALL.



- 1 FOOT TYPE 'Y' CURB
  - 2 MODIFIED MARI CURB
  - 3 CONCRETE SIDEWALK PER DETAIL
  - 4 CROSSWALK PER DETAILS
  - 5 TRAFFIC SIGN
  - 6 R-1-1 STOP SIGN
  - 7 WATERED END SECTION
  - 8 FLARED END SECTION
  - 9 DITCH BOTTOM INLET
  - 10 12" SOLID WHITE
  - 11 12" SOLID WHITE
  - 12 24" SOLID WHITE
- 1 DENOTES PROPERTY BOUNDARY
  - 2 DENOTES RIGHT-OF-WAY
  - 3 DENOTES CENTERLINE
  - 4 DENOTES EASEMENT
  - 5 DENOTES DRAINAGE PIPE
  - 6 DENOTES SENER MANHOLE
  - 7 DENOTES FIRE HYDRANT
  - 8 DENOTES GATE VALVE
  - 9 DENOTES LIGHT POLE
  - 10 DENOTES STREET SIGN
  - 11 DENOTES DITCH BOTTOM INLET
  - 12 DENOTES DRAINAGE STRUCTURE
  - 13 DENOTES WATERED END SECTION
  - 14 DENOTES FLARED END SECTION
  - 15 DENOTES RUNOFF OVERLAND FLOW
  - 16 DENOTES PROPOSED ELEVATIONS
  - 17 DENOTES EXISTING GRADES

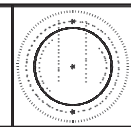




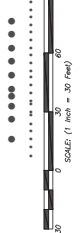
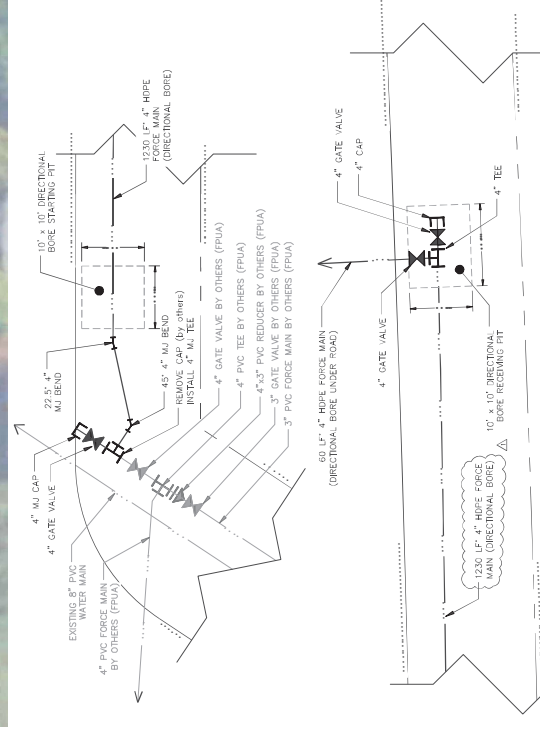
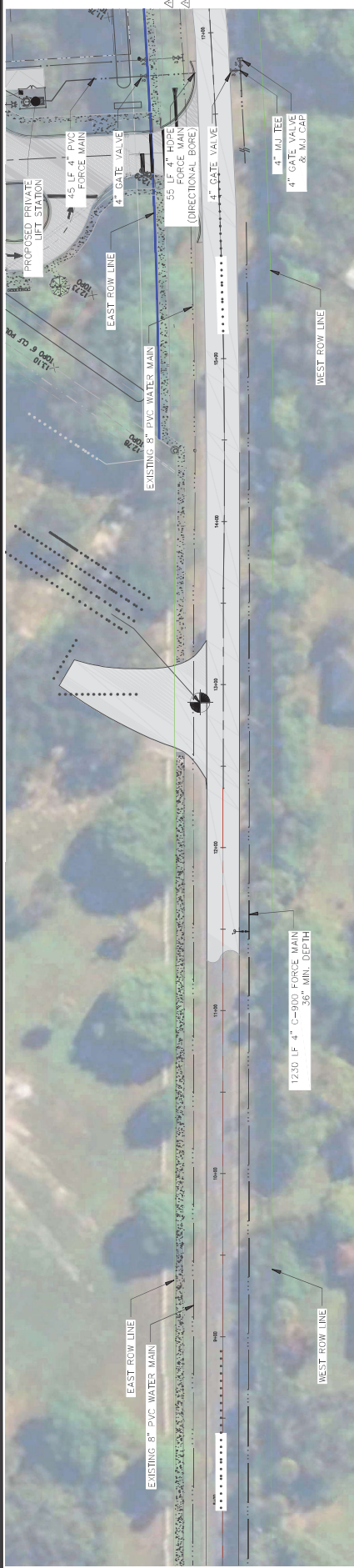


NO. DATE	REVISION
001	ISSUE FOR PERMITS
002	ISSUE FOR PERMITS
003	ISSUE FOR PERMITS
004	ISSUE FOR PERMITS
005	ISSUE FOR PERMITS
006	ISSUE FOR PERMITS
007	ISSUE FOR PERMITS
008	ISSUE FOR PERMITS
009	ISSUE FOR PERMITS
010	ISSUE FOR PERMITS

# INTEGRITY 1ST CONSTRUCTION GROUP



**BLAINE BERNTRESS, P.E.**  
 811  
 ALWAYS CALL 811  
 BEFORE YOU DIG  
 1-800-4-A-SAFE-DIG  
 1-800-472-7343  
 www.811indiana.com



- ..... DENOTES PROPERTY BOUNDARY
- DENOTES RIGHT-OF-WAY
- DENOTES CENTERLINE
- DENOTES EXISTENT
- DENOTES POLE LINE
- DENOTES POLE WITH
- DENOTES SERVICE MAIN
- DENOTES STORM DRAIN
- DENOTES SEWER MAIN
- DENOTES OTHER BOTTOM INLET
- DENOTES DAMAGE STRUCTURE
- DENOTES HARB DRAIN
- DENOTES LIGHT POLE
- DENOTES ROW-OF & SAMPLE POINT

1. CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE PROJECT DESIGN AND VERIFYING OWNER HAS OBTAINED ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE WITH ALL ENGINEERING & SURVEYING DAILY PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITY INFORMATION PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.





**PRECAST MANHOLE DEPTH**  
4'-0" MINIMUM

PIPE DIA.	7"	8"	10"	12"
MANHOLE FRAME	30"-36"	36"-42"	42"-48"	48"-54"
MANHOLE RINGS	6'-0"	6'-0"	6'-0"	6'-0"
MANHOLE COVER	3"	3"	3"	3"

**NOTES:**

- MANHOLE FRAME & COVER WITH THE MANHOLE - SANDWICH SHEET CAST IN THE COVER.
- USE FORMWORK FOR OR APPROVED EQUIV.
- MANHOLE RINGS SHALL BE MANUFACTURED BY HANSON ENVIRONMENTAL PRODUCTS, ETC., PART # FM-235 (RANDOM MANHOLE INSERTS) WITH DOUBLE VALANCE, OR APPROVED EQUIV.
- MANHOLE RINGS MUST BE TIGHT FIT.

**RAINGUARD DETAIL**  
(N.T.S.)

**NOTES:**

- RAIN GUARD RINGS SHALL BE MANUFACTURED BY HANSON ENVIRONMENTAL PRODUCTS, ETC., PART # FM-235 (RANDOM MANHOLE INSERTS) WITH DOUBLE VALANCE, OR APPROVED EQUIV.
- RAIN GUARD RINGS MUST BE TIGHT FIT.

**FLOW PATTERNS**  
FOR MANHOLE CONNECTIONS

**NOTES:**

- INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO RESTRICTIONS.
- SHALLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING FOR SMOOTH FLOW.

**WATER METER PLACEMENT**  
(N.T.S.)

**GENERAL POLICY**

THE PIPES TO BE INSTALLED SHALL BE APPROVED BY THE CITY OF SEASIDE. ALL PIPES SHALL BE APPROVED BY THE CITY OF SEASIDE. ALL PIPES SHALL BE APPROVED BY THE CITY OF SEASIDE.

**NOTES:**

- THE PIPES TO BE INSTALLED SHALL BE APPROVED BY THE CITY OF SEASIDE.
- IF SPECIAL BARRIERS OR OTHER OBSTACLES PRESENT THE CONNECTION SHALL BE MADE BY THE CITY OF SEASIDE.
- HORIZONTAL SPACING OF WATER AND WASTEWATER SERVICES SHALL BE A MINIMUM OF 6 FEET AND PREVENTIVE TO FEET.
- ALL METERS SHALL BE INSTALLED IN AN UNRESTRICTED AREA TO ALLOW FOR ACCESS AND PROPER MAINTENANCE.
- THE WATER METER SHALL BE INSTALLED WITH THE CORNER OF THE METER TO THE CORNER OF THE MANHOLE.

**TYPICAL SINGLE WATER SERVICE CONNECTION**  
(N.T.S.)

**NOTES:**

- BLUE TO GAUGE THIN WIRE SHALL BE ATTACHED TO THE SERVICE LINE.
- WATER SERVICES UNDER PAVEMENT ARE REQUIRED, THE POLYETHYLENE THING SHALL BE INSTALLED WITHIN SURFACE OF PAVEMENT.
- 1" & 1/4" METER SIZES SHALL REQUIRE A LOCKABLE METER VALVE (GARD STOP).
- SMALLER MAN COVERS SHALL BE 36" IN DIAMETER OR PLANNED ROADWAYS OR DRIVE PAVEMENT.

**TYPICAL DOUBLE WATER SERVICE CONNECTION**  
(N.T.S.)

**NOTES:**

- BLUE TO GAUGE THIN WIRE SHALL BE ATTACHED TO THE SERVICE LINE.
- WATER SERVICES UNDER PAVEMENT ARE REQUIRED, THE POLYETHYLENE THING SHALL BE INSTALLED WITHIN SURFACE OF PAVEMENT.
- 1" & 1/4" METER SIZES SHALL REQUIRE A LOCKABLE METER VALVE (GARD STOP).
- SMALLER MAN COVERS SHALL BE 36" IN DIAMETER OR PLANNED ROADWAYS OR DRIVE PAVEMENT.





















**KMA**  
ENGINEERING & SURVEYING LLC  
1000 N. W. 10th Street, Suite 100  
Fort Lauderdale, FL 33304  
TEL: 954.576.1100  
WWW.KMA-FL.COM

CITY OF FORT PIERCE  
SUNRISE LAKES  
PROJECT

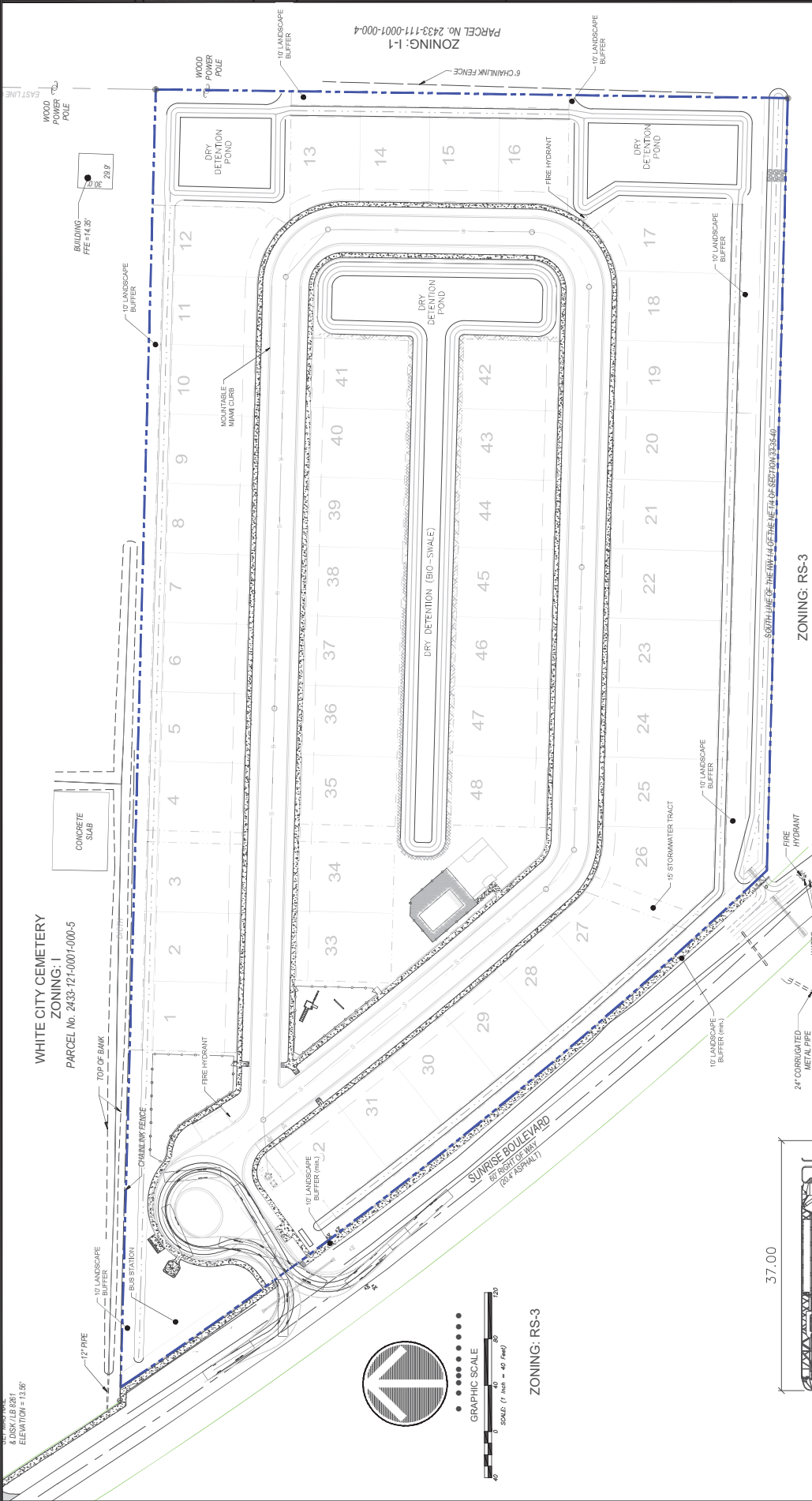
CLIENT:  
INTEGRITY 1ST  
CONSTRUCTION GROUP



BLAINE BERSTRESSER, P.E.  
FLORIDA LICENSE NO. 12468  
11/18/2025

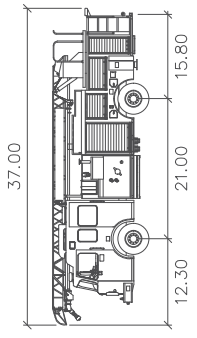
PROJECT:  
SUNRISE LAKES  
CONTRACT NO. 24-001  
SHEET NO. 11  
DATE: 11/18/2025

ROUTING PLAN FIRM  
SHEET NUMBER  
**C-701**



**LINWORK & SYMBOL LEGEND**

- DENOTES PROPERTY BOUNDARY
- DENOTES RIGHT-OF-WAY
- DENOTES CENTERLINE
- DENOTES EASEMENT
- DENOTES FENCE LINE
- DENOTES DRAINAGE PIPE
- DENOTES SUMP MANHOLE
- DENOTES FIRE HYDRANT
- DENOTES GATE VALVE
- DENOTES LIGHT POLE
- DENOTES STREET SIGN
- DENOTES RAINOFF OVERLAND FLOW
- DENOTES PROPOSED ELEVATIONS
- DENOTES EXISTING GRADES
- DENOTES CHANGE STRUCTURE
- DENOTES CHANGE STRUCTURE
- DENOTES SUMP BOTTOM PILE
- DENOTES JUNCTION BOX
- DENOTES YARD SHADE
- DENOTES SHRUBBERY STRUCTURE
- DENOTES MIXED/PAVED END SECTION



ZONING: RS-3

DATE: 11/18/2025  
ELEVATION: 13.56'



