

LAKE CITY HOTELS

PHASE 1

PROJECT INFORMATION

PROJECT NAME LAKE CITY HOTELS - PHASE 1
at 3004 W US 90

PARCELS 02-4S-16-02714-005
02-4S-16-02720-003
35-3S-16-02581-000
35-3S-16-02582-002

MASTER DRAINAGE PARCELS
35-3S-16-02583-003
02-4S-16-02714-005
35-3S-16-02582-000
02-4S-16-02720-003
35-3S-16-02581-000
35-3S-16-02582-004
35-3S-16-02582-002

OWNERS AURUM, LLC
ROUTE 13, BOX 575
LAKE CITY, FL 32055

ERA INVESTMENTS LLC
3010 US HWY 90 WEST
LAKE CITY, FL 32055

CIVIL ENGINEER CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL 32609

LAND USE COMMERCIAL (COUNTY)
ZONING CI: 02-4S-16-02720-003, 5-3S-16-02581-000, 35-3S-16-02582-002
CHI: 02-4S-16-02714-005

TOTAL PARCEL AREA 20.67 ACRES

FLOOD ZONE THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE A

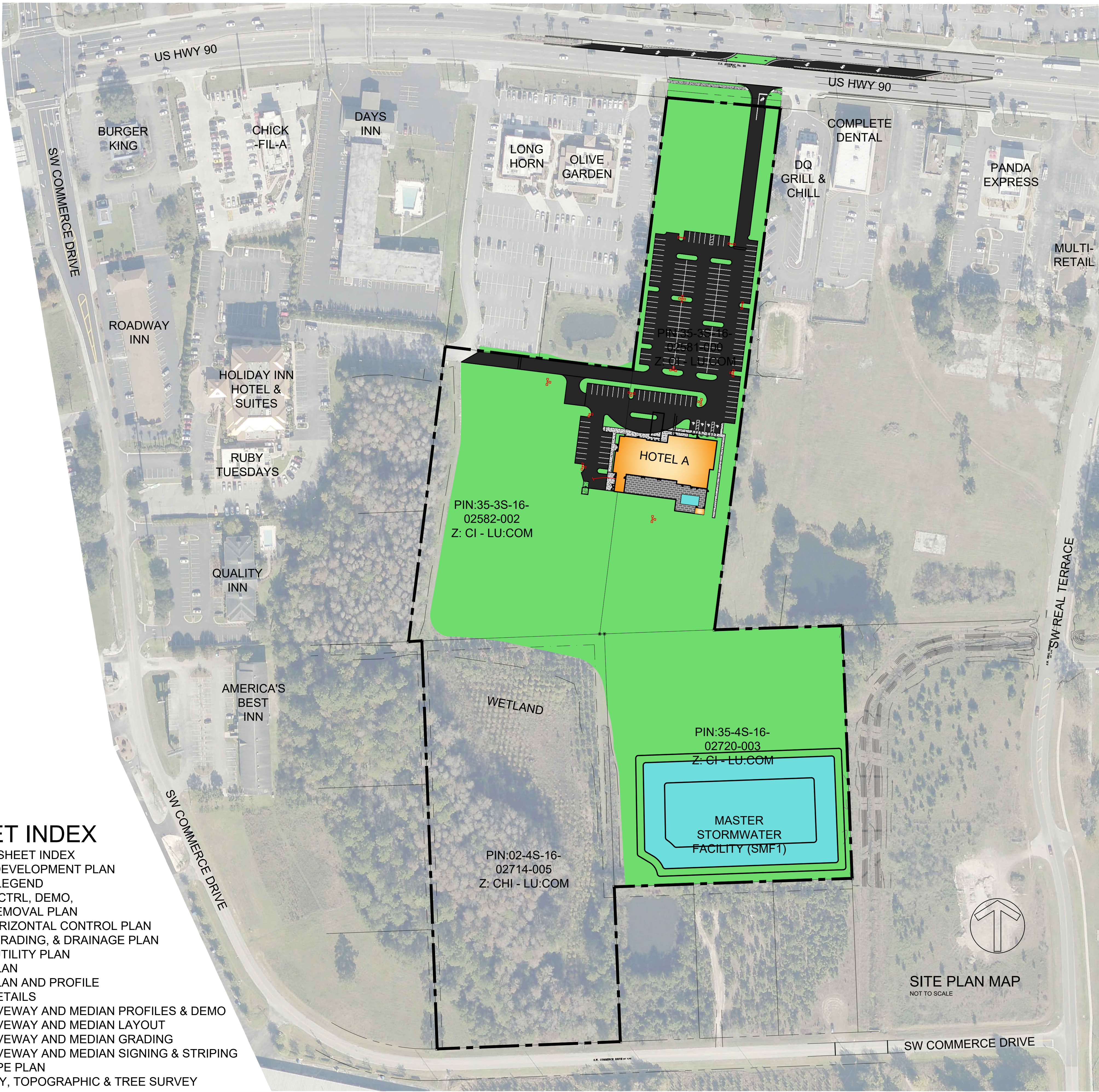
SEE INDIVIDUAL SHEETS FOR APPLICABLE ADDITIONAL NOTES

SUMMARY OF APPLICABLE ZONING REQUIREMENTS

DRIVEWAY CONNECTIONS 4.2.3.1	MIN 100' BETWEEN CURB BREAKS
CURB BREAK WIDTH 4.2.3.2.1	PROPOSED: 100'
CURB BREAK LOCATION 4.2.3.3	MIN 24" AND MAX 60"
MIN CURB DIST FROM PROP LINE 4.2.3.3.4	PROPOSED: 24"
CURB BREAK FDOT 4.2.3.4.2	25' FROM INTERSECTION ROW, 5' FROM PROPERTY LINE
TRASH 4.2.6.5	PROPOSED: GREATER THAN 25' AND 30' FROM PROPERTY LINES
LANDSCAPE BUFFER 4.2.15.1.1	3' FROM PROP LINE
LIGHTING 4.2.15.2.4	PROPOSED: 11'
REQUIRED	FDOT STANDARDS SHALL APPLY ON STATE ROADS
PARKING SPACE SIZE 4.2.15.4	PROPOSED: CURRENTLY PERMITTING THROUGH FDOT
DRIVE ISLE WIDTH 4.2.15.4	TRASH FACILITIES SHALL BE ENCLOSED
HANDICAP SPACE 4.2.15.5	PROPOSED: ENCLOSED
PARKING SPACE ROUNDING 4.2.15.8	NOT REQUIRED, SEE SECTION 4.13.10.1
OFF-STREET LOADING SPACE SIZE 4.2.15.12	MUST NOT CAUSE GLARE ON ADJACENT PARCELS
QUANTITY OF LOADING SPACES 4.2.15.15	
MIN PARKING 4.12.11	
USE 4.12.2	
FRONT SETBACK 4.13.7.1.1	
SIDE SETBACK 4.13.7.1.1	
REAR SETBACK 4.13.7.1.1	
FLOOR AREA RATIO 4.13.9	
MIN LANDSCAPE BUFFER 4.13.10	
FRONT PARKING BUFFER 4.13.7.1	
WETLAND SETBACK 4.13.7.1	
PERFORMANCE STANDARDS 4.2.18	
SRWMD WETLAND BUFFER	
FDOP - NPDES	

SHEET INDEX

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C-101 to C-106	SITE & HORIZONTAL CONTROL PLAN
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C-430 to C-431	FDOT DRIVEWAY AND MEDIAN SIGNING & STRIPING
LS-01 to LS-08	LANDSCAPE PLAN
1 to 8 OF 8	BOUNDARY, TOPOGRAPHIC & TREE SURVEY



SITE PLAN MAP
NOT TO SCALE

WAITING: FDOT DRIVEWAY & UTILITY, COUNTY UTILITY ROW
CONSTRUCTION:
2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
2018-06-08 60% REVISION TO SHOW PHASE 1 ONLY
2018-08-21 100% PLANS FOR PHASE 1 UTILITIES
2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
2018-11-15 ADDING ADJACENT OPERATIONS
2018-12-15 ADDING UNIFORM ENCLOSURE / KEEP SIGNS

PERMITTING / DESIGN REVISIONS:
2017-10-30 ENVIRONMENTAL SUBMITTAL
2017-08-18 LAKE CITY INITIAL SUBMITTAL
2017-08-26 FDOT DIRECTIONAL MEDIAN OPENING
2017-08-26 FDOT DIRECTIONAL MEDIAN OPENING
2017-10-23 FDOT DRIVEWAY SUBMITTAL
2017-10-31 SRWMD RESUBMITTAL
2018-01-15 FDOT DRIVEWAY RESUBMITTAL
2018-01-15 FDOT DRIVEWAY RESUBMITTAL
2018-01-15 CONCEPT PLAN FOR REVISED LAYOUT
PERMITTING STATUS:
APPROVED: LAKE CITY SITE ZONING, SRWMD ERP

ENGINEER OF RECORD:
CHRISTOPHER A. GMUER
FL PE # 71599
2019-01-26

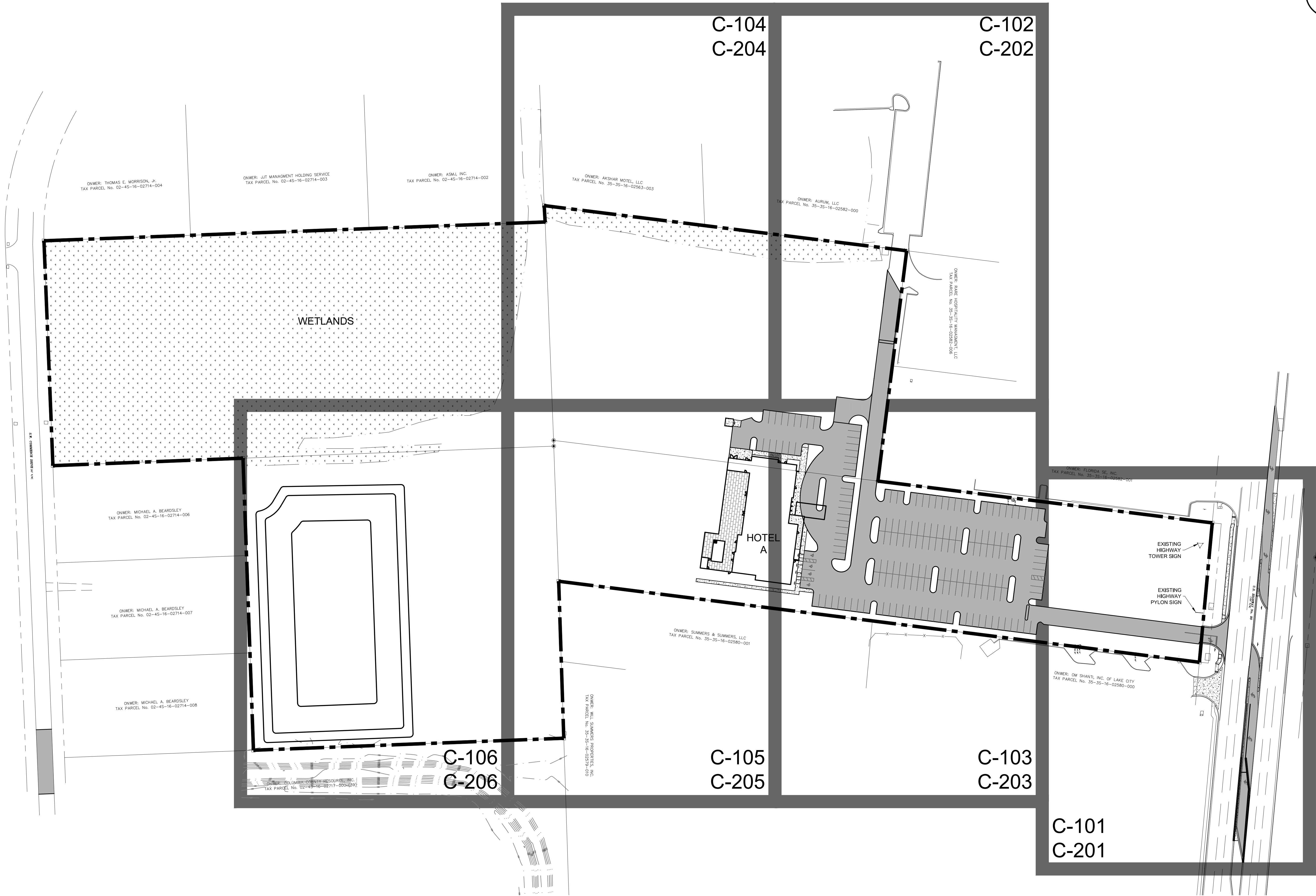
Gmuer
ENGINEERING
FL CA # 31533 gmuereng.com (352) 281-4828
2603 NW 13th St, Box 314 Gainesville, FL 32609

CLIENT: MORPHEUS GROUP, LLC
DESIGN: C.A. GMUER, PE
QUALITY CONTROL: C.A. GMUER, PE
LAKE CITY APP # TBD
FOOT DRIVEWAY # TBD
FOOT UTILITY # TBD
GEI# PROJECT # 17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

COVER AND
SHEET INDEX

C-000



WAITING: FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW	
CONSTRUCTION: 2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION 2018-06-08 60% REVISION TO SHOW PHASE 1 ONLY 2018-06-21 100% PLANS FOR PHASE 1 UTILITIES 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS 2018-12-06 ADDING ADJACENT PROPERTY 2018-01-25 ADDED UNIFORM ENCLOSURE / KEEP SIGNS	
PERMITTING / DESIGN REVISIONS: 2017-10-30 ENVIRONMENTAL SUBMITTAL 2017-07-20 ENVIRONMENTAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-08-26 FOOT DIRECTIONAL MEDIAN OPENING 2017-08-26 FOOT DRIVEWAY SUBMITTAL 2017-10-23 FOOT DRIVEWAY SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-01-15 FOOT DRIVEWAY RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT	ENGINEER OF RECORD: CHRISTOPHER A. GMUER FL PE # 71599 2019-01-26
Gmuer ENGINEERING FL CA # 31533 gmuering.com (352) 281-4928 2503 NW 13th St, Box 514 Gainesville, FL 32609	
CLIENT: DESIGN: LAKE CITY APP # FOOT DRIVEWAY # FOOT UTILITY # GEO PROJECT #	MORPHEUS GROUP, LLC C.A. GMUER PE C.A. GMUER PE TBD TBD TBD 17-0001
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1	
MASTER DEVELOPMENT PLAN	
C-001	

STORMWATER MINIMUM OPERATION AND MAINTENANCE STANDARDS

- THE OPERATION AND MAINTENANCE ENTITY IS THE PROPERTY OWNER UNLESS OTHERWISE SPECIFIED.
- A. IN ACCORDANCE WITH SECTION 373.416(2), F.S., UNLESS REVOKED OR ABANDONED, ALL STORMWATER MANAGEMENT SYSTEMS, DAMS, IMPOUNDMENTS, RESERVOIRS, APPURTENANT WORKS, OR WORKS PERMITTED UNDER PART IV OF CHAPTER 373, F.S., MUST BE OPERATED AND MAINTAINED IN PERPETUITY. THE OPERATION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE DESIGNS, PLANS, CALCULATIONS, AND OTHER SPECIFICATIONS THAT ARE SUBMITTED WITH AN APPLICATION, APPROVED BY THE AGENCY, AND INCORPORATED AS A CONDITION INTO ANY PERMIT ISSUED.
- B. UPON COMPLETION OF THE PERMITTED STORMWATER MANAGEMENT SYSTEMS, DAMS, RESERVOIRS, IMPOUNDMENTS, APPURTENANT WORK, OR WORKS, THE AGENCY SHALL HAVE PERIODIC INSPECTIONS MADE TO ENSURE THE PROJECT WAS CONSTRUCTED AND IS BEING OPERATED IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE PERMIT, AND IN A MANNER THAT PROTECTS THE PUBLIC HEALTH AND SAFETY AND THE NATURAL RESOURCES OF THE STATE. NO PERSON SHALL REFUSE IMMEDIATE ENTRY OR ACCESS TO ANY AUTHORIZED REPRESENTATIVE OF THE DISTRICT OR DEP WHO REQUESTS ENTRY FOR PURPOSES OF SUCH INSPECTION AND PRESENTS APPROPRIATE CREDENTIALS.
- C. INSPECTIONS MAY BE PERFORMED BY AGENCY STAFF DURING AND AFTER CONSTRUCTION, WHEN NEEDED TO ENSURE A PROJECT IS BEING OPERATED AND MAINTAINED IN PERPETUITY. THE PERMIT MAY REQUIRE THE OPERATION AND MAINTENANCE ENTITY TO CONDUCT THE PERIODIC INSPECTIONS. THE REQUIRED INSPECTION SCHEDULE FOR A SPECIFIC PROJECT WILL BE SPECIFIED IN THE PERMIT.
- D. SOME PROJECTS THAT DO NOT CONSIST OF OR INCLUDE A STORMWATER MANAGEMENT SYSTEM, DAM, IMPOUNDMENT, RESERVOIR, OR APPURTENANT WORK, WHETHER DESIGNED BY A REGISTERED PROFESSIONAL OR NOT, ALSO MAY BE REQUIRED IN THE PERMIT TO BE REGULARLY INSPECTED AND MONITORED TO ENSURE CONTINUED COMPLIANCE WITH PERMIT CONDITIONS AND THE FUNCTIONING OF THE PROJECT. THIS MAY INCLUDE INDIVIDUAL PERMITS ISSUED FOR ACTIVITIES AT A PRIVATE RESIDENTIAL SINGLE-FAMILY RESIDENCE. FOR EXAMPLE, A RESIDENTIAL FILL PAD MAY HAVE BEEN PERMITTED WITH SPECIFIC REQUIREMENTS FOR SLOPE DRAINAGE OR RUNOFF. A DOCK LOCATED IN WATERS WITH SENSITIVE RESOURCES MAY HAVE BEEN PERMITTED WITH CONDITIONS PROHIBITING MOORING IN CERTAIN LOCATIONS, LIMITING THE NUMBER OR SIZE OF BOATS TO BE MOORED AT THE DOCK, OR WITH REQUIREMENTS FOR HANDRAILING OR OTHER ASSOCIATED STRUCTURES. THE PERMIT WILL SPECIFY THE PERIODIC INSPECTIONS THAT WILL BE REQUIRED, AND HOW THE RESULTS OF THE INSPECTIONS ARE TO BE EITHER RETAINED BY THE PERMITTEE OR REPORTED TO THE AGENCY. EXAMPLES WHERE MONITORING AND REPORTING BY SUCH PERSONS MAY BE REQUIRED FOR SUCH ACTIVITIES ARE:

- THE FOLLOWING ARE EXAMPLES OF ACTIVITIES AS DISCUSSED ABOVE THAT ARE SUBJECT TO AN INITIAL INSPECTION PRIOR TO CONVERSION TO THE OPERATION PHASE, AND THEN SUBJECT TO ROUTINE INSPECTIONS DURING THE OPERATION AND MAINTENANCE PHASE. THE INSPECTION FREQUENCY DURING THE OPERATION AND MAINTENANCE PHASE WILL BE DETERMINED IN THE PERMIT.
1. SINGLE-FAMILY DOCK (TO VERIFY THAT: HANDRAILS ARE CONSTRUCTED AND ARE MAINTAINED TO PREVENT MOORING OF VESSELS IN SHALLOW WATERS);
2. MULTI-SLIP DOCKING FACILITY (TO VERIFY MAINTENANCE OF MANATEE PROTECTION SIGNS, SEWAGE PUMP-OUT FACILITIES, OR OVER-WATER FUELING OPERATION);
3. SINGLE-FAMILY LOT FILL (TO VERIFY LAWN GRADING AND SLOPING IS MAINTAINED TO REDUCE DISCHARGES OF NUTRIENTS FROM LAWN RUNOFF ENTERING SENSITIVE WATERS);
4. SEAWALLS OR RIP RAP (TO VERIFY INTENT OF SYSTEM OR SHORELINE PLANTINGS);
5. LANDS WITHIN A CONSERVATION EASEMENTS (FOR ENCROACHMENTS, ALTERATIONS, OR EXOTICNUISANCE VEGETATION REMOVAL) IN ACCORDANCE WITH A PERMIT UNDER THIS CHAPTER;
6. MITIGATION SITES (TO DETERMINE COMPLIANCE WITH SUCCESS CRITERIA, INCLUDING THE STATUS OF EXOTIC SPECIES REMOVALS) AND OTHER DREDGING OR FILLING (FOR EXAMPLE, DREDGED MATERIAL SITES AND DAMS TO ENSURE FUNCTIONING AND STABILITY OF DIKES AND CONTROL STRUCTURES);
- E. THE EFFICIENCY OF STORMWATER MANAGEMENT SYSTEMS, DAMS, IMPOUNDMENTS, AND MOST OTHER PROJECTS NORMALLY DECREASES OVER TIME WITHOUT PERIODIC MAINTENANCE. FOR EXAMPLE, A SIGNIFICANT REDUCTION IN THE FLOW CAPACITY OF A STORMWATER MANAGEMENT SYSTEM OFTEN CAN BE ATTRIBUTED TO PARTIAL BLOCKAGES OF ITS CONVEYANCE SYSTEM. ONCE FLOW CAPACITY IS COMPROMISED, FLOODING MAY RESULT. THEREFORE, OPERATION AND MAINTENANCE ENTITIES MUST PERFORM PERIODIC INSPECTIONS TO IDENTIFY IF THERE ARE ANY DEFICIENCIES IN STRUCTURAL INTEGRITY, DEGRADATION DUE TO INSUFFICIENT MAINTENANCE, OR IMPROPER OPERATION OF PROJECTS THAT MAY ENDANGER PUBLIC HEALTH, SAFETY, OR WELFARE, OR THE WATER RESOURCES. IF DEFICIENCIES ARE FOUND, THE OPERATION AND MAINTENANCE ENTITY WILL BE RESPONSIBLE FOR CORRECTING THE DEFICIENCIES SO THAT THE OPERATION AND MAINTENANCE ENTITY CAN MAINTAIN THE INTEGRITY IN THE PERMIT AND CONTEMPLATED BY THE DESIGN OF THE PROJECT AS PERMITTED. THE CORRECTIONS MUST BE DONE A TIMELY MANNER TO PREVENT COMPROMISES TO FLOOD PROTECTION AND WATER QUALITY.
- F. INSPECTION AND REPORTING FREQUENCIES WILL BE INCLUDED AS PERMIT CONDITIONS BASED ON SITE SPECIFIC OPERATIONAL AND MAINTENANCE REQUIREMENTS, CONSIDERING THINGS AS:
1. THE TYPE, NATURE, AND DESIGN OF THE DESIGN AND PERFORMANCE STANDARDS PROPOSED, INCLUDING ANY ALTERNATIVE DESIGNS SUCH AS PERVIOUS PAVEMENT, GREEN ROOFS, CISTERNS, MANAGED AQUATIC PLANT SYSTEMS, STORMWATER HARVESTING, WETLAND TREATMENT TRAINS, LOW IMPACT DESIGNS, ALUM OR POLYMER INJECTION SYSTEMS;
2. THE PROXIMITY OF RECEIVING WATERS CLASSIFIED AS OUTSTANDING FLORIDA WATERS IN RULE 62-302.700, F.A.C., OR IMPAIRED FOR CONSTITUENTS LIKELY TO BE CONTAINED IN DISCHARGES FROM THE PROJECT;
3. THE NATURE OF THE SITE, SUCH AS WHETHER IT IS PART OF A PORT OR LANDFILL, WHETHER IT WILL IMPOUND MORE THAN 40 ACRE-FEET OF WATER, OR WILL INCLUDE ABOVE GROUND IMPOUNDMENTS;
4. THE TOPOGRAPHY, RAINFALL PATTERNS, AND ADJACENT DEVELOPMENT SURROUNDING THE ACTIVITY SITE, INCLUDING ANY SPECIAL BASIN DESIGNATIONS WITHIN THE DISTRICT IN WHICH THE ACTIVITY IS LOCATED, AS IDENTIFIED IN PARAGRAPH 62-330.3011(K), F.A.C.;
5. THE NATURE OF THE UNDERLYING SOILS, GEOLOGY, AND GROUNDWATER, AND HYDROLOGY;
6. THE POTENTIAL FOR CONSTRUCTION AND OPERATION OF THE PROJECT TO CAUSE HARM TO PUBLIC HEALTH, SAFETY, OR WELFARE, OR HARM TO WATER RESOURCES, WATER QUALITY STANDARDS, OR WATER QUALITY; AND
7. PRIOR COMPLIANCE HISTORY WITH THE PROPOSED DESIGN AND PERFORMANCE TYPE, INCLUDING WHETHER THE ACTIVITY CHARACTERISTICS ARE LIKELY TO POSE MORE THAN A MINIMAL RISK FOR HARM.
- G. SPECIAL ATTENTION SHALL BE MADE DURING INSPECTIONS TO ENSURE THAT:
1. ALL EROSION IS CONTROLLED AND SOIL IS STABILIZED TO PREVENT SEDIMENT DISCHARGE TO WATERS IN THE STATE;
2. THE SYSTEM IS KEPT FREE OF DEBRIS, TRASH, GARBAGE, OILS AND GREASES, AND OTHER REFUSE;
3. STORMWATER MANAGEMENT SYSTEMS THAT INCLUDE OIL AND GREASE SEPARATORS, SKIMMERS, OR COLLECTION DEVICES ARE WORKING PROPERLY AND DO NOT ALLOW THE DISCHARGE OF OILS OR GREASES, OILS AND GREASES OR OTHER MATERIALS REMOVED FROM SUCH A DEVICE DURING ROUTINE MAINTENANCE SHALL BE DISPOSED OF AT A SANITARY LANDFILL OR BY OTHER LAWFUL MEANS; AND
4. ALL STRUCTURES WITHIN STORMWATER MANAGEMENT SYSTEMS HAVE NOT BECOME CLOGGED OR CHOKED WITH VEGETATIVE OR AQUATIC GROWTH TO SUCH AN EXTENT AS TO RENDER THEM INOPERABLE.
- H. UNLESS OTHERWISE SPECIFIED IN THE PERMIT, THE OPERATION AND MAINTENANCE ENTITY MUST MAINTAIN A RECORD OF EACH INSPECTION, INCLUDING THE DATE OF INSPECTION, THE NAME AND CONTACT INFORMATION OF THE INSPECTOR, WHETHER THE SYSTEM WAS FUNCTIONING AS DESIGNED AND PERMITTED, AND MAKE SUCH RECORD AVAILABLE UPON REQUEST OF THE AGENCY, IN ACCORDANCE WITH THE REPORTING SECTION, BELOW.
- I. THE INSPECTION AND REPORTING REQUIREMENTS CONTAINED IN A PERMIT ISSUED UNDER PART IV OF CHAPTER 373, F.S., PRIOR TO OCTOBER 1, 2013, THE EFFECTIVE DATE OF CHAPTER 62-330, F.A.C., WHICH IMPLEMENTS SECTION 373.4141, F.S., SHALL CONTINUE TO BE FOLLOWED IN ACCORDANCE WITH THE EXISTING PERMIT UNLESS THE PERMITTEE OBTAINS A MODIFICATION USING THE PROCEDURES IN RULE 62-330.315, F.A.C., TO COMPLY WITH THE INSPECTION AND REPORTING REQUIREMENTS OF RULE 62-330.311, F.A.C.. THESE NOTES, AND SECTION 12.4 OF THE ENVIRONMENTAL RESOURCE PERMIT APPLICANT'S HANDBOOK, VOLUME I (GENERAL AND ENVIRONMENTAL),

STORMWATER INSPECTION REPORTING

- A. ALL FORMS REQUIRED FOR REPORTING CAN BE SUBMITTED TO THE RESPECTIVE AGENCY INTERNET SITE. IF THE PERMITTEE DOES NOT USE THE ELECTRONIC FORMS PROVIDED ON THAT SITE, THEY SHALL BE RESPONSIBLE FOR RETAINING RECORDS OF THE INSPECTIONS AND FOR DELIVERING SUCH RECORDS WITHIN 30 DAYS OF REQUEST TO THE REQUESTING AGENCY, UNLESS A MORE RAPID DELIVERY IS REQUESTED FOR SUCH REASONS AS THE POTENTIAL FOR THE ACTIVITY HARM TO WATER QUALITY, WATER RESOURCES, PUBLIC HEALTH, OR PUBLIC SAFETY. WITHIN 30 DAYS OF ANY FAILURE OF A STORMWATER MANAGEMENT SYSTEM OR DEVIATION FROM THE PERMIT, A REPORT SHALL BE SUBMITTED ELECTRONICALLY OR IN WRITING TO THE AGENCY USING FORM 62-330.311(1), "OPERATION AND MAINTENANCE INSPECTION CERTIFICATION," DESCRIBING THE REMEDIAL ACTIONS TAKEN TO RESOLVE THE FAILURE OR DEVIATION.
- C. THE OPERATION AND MAINTENANCE ENTITY OF A REGIONAL STORMWATER MANAGEMENT FACILITY MUST NOTIFY THE AGENCY ON AN ANNUAL BASIS, USING FORM 62-330.311(2), "REGIONAL STORMWATER MANAGEMENT SYSTEM ANNUAL REPORT," OF ALL NEW SYSTEMS AND THEIR ASSOCIATED STORMWATER VOLUMES THAT HAVE BEEN ALLOWED TO DISCHARGE STORMWATER INTO THE REGIONAL FACILITY, AND CONFIRMING THAT THE MAXIMUM ALLOWABLE TREATMENT VOLUME OF STORMWATER AUTHORIZED TO BE ACCEPTED BY THE REGIONAL STORMWATER MANAGEMENT FACILITY HAS NOT BEEN EXCEEDED.
- D. A LISTING OF ALL THE FORMS THAT ARE INCORPORATED BY REFERENCE IN CHAPTER 62-330, F.A.C., IS CONTAINED IN APPENDIX C OF THE ERP APPLICANT'S HANDBOOK, VOLUME I. COPIES OF WHICH MAY BE OBTAINED FROM THE AGENCY, AS DESCRIBED IN APPENDIX A OF THAT VOLUME AND SUBSECTION 62-330.010(5), F.A.C.

DESIGN ELEMENTS AND INFORMATION FURNISHED BY OTHERS

1. THE ENGINEER AND ITS CONSULTANTS PREPARED THESE PLANS AND DESIGN DOCUMENTS THROUGH THE USE OR RELIANCE UPON DESIGN ELEMENTS AND INFORMATION ORDINARILY OR CUSTOMARILY FURNISHED BY OTHERS, INCLUDING, BUT NOT LIMITED TO, SURVEYORS, GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS, ARCHITECTS, BUILDING SYSTEMS ENGINEERS, SPECIALTY CONTRACTORS, MANUFACTURERS, SUPPLIERS, AND THE PUBLISHERS OF TECHNICAL STANDARDS. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR DESIGN ERROR AND OMISSIONS RESULTING FROM THE QUALITY OF THIS INFORMATION.
2. ALL POINTS OF COORDINATION OR INTERFACE BETWEEN THESE PLANS AND DESIGN DOCUMENTS AND THE PLANS AND DESIGN DOCUMENTS OF OTHERS MUST BE COMPARED BY THE CONTRACTOR.
3. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE PROCURING MATERIALS AND INSTALLATION.

UTILITY LOCATES, RELOCATION, PROTECTION, AND TERMINATION

1. UTILITY LOCATES SHALL BE COMPLETED BY THE CONTRACTOR PRIOR TO THE INITIATION OF SITE CONSTRUCTION.
2. PROPOSED UTILITY TAPS AND CROSSINGS SHALL BE PHYSICALLY LOCATED AND VERIFIED BY THE CONTRACTOR AS SOON AS PRACTICABLE AND SHALL CONTACT THE ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES OR CONFLICTS.
3. UTILITY RELOCATION, SUPPORT, PROTECTION, TERMINATION, CAPPING, AND REMOVAL SHALL BE COORDINATED BY THE CONTRACTOR WITH UTILITY COMPANIES. ADEQUATE TIME SHALL BE PROVIDED FOR PROPER COORDINATION AND TO MINIMIZE SERVICE INTERRUPTIONS.
4. CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES TO THE UTILITY COMPANY FOR THEIR SERVICES.

WORK WITHIN THE CITY OF GAINESVILLE ROW

1. THE METHOD AND MANNER OF PERFORMING THE WORK AND THE QUALITIES OF MATERIAL FOR CONSTRUCTION WITHIN THE ROW SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY THE PUBLIC WORKS DEPARTMENT.
2. NO WORK SHALL BE DONE NOR MATERIALS USED IN THE ROW, WITHOUT INSPECTION BY THE PUBLIC WORKS DEPARTMENT (334-5070), AND THE CONTRACTOR/DEVELOPER SHALL FURNISH THE DEPARTMENT WITH EVERY REASONABLE FACILITY FOR ASCERTAINING WHETHER THE WORK PERFORMED AND MATERIALS USED ARE IN ACCORDANCE WITH THE REQUIREMENTS AND INTENT OF THE PLANS AND SPECIFICATIONS.
3. THE PUBLIC WORKS DEPARTMENT RESERVES THE RIGHT TO MODIFY THE PROPOSED WORK WITHIN THE ROW TO ENSURE COMPATIBILITY WITH EXISTING IMPROVEMENTS. SUCH MODIFICATION COSTS SHALL BE BORNE BY THE DEVELOPER.
4. ALL WORK WITHIN OR ON CITY OWNED OR MAINTAINED FACILITIES, ROW OR EASEMENT WILL REQUIRE AS-BUILT PLANS. AS-BUILT PLANS SHOULD SHOW THE CONSTRUCTED CONDITIONS OF THE CITY OWNED OR MAINTAINED AREA AND BE PERFORMED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER.
5. THE CONTRACTOR SHALL PROVIDE THE CITY WITH AN AS-BUILT SURVEY OF THE RETENTION / DETENTION BASIN AND ASSOCIATED STRUCTURES, PREPARED BY A REGISTERED LAND SURVEYOR. THE SURVEY SHALL BE SUBMITTED ON PAPER COPY AND ELECTRONICALLY (PDF AUTODESK CAD).
6. ANY CONSTRUCTION IN THE CITY OF GAINESVILLE PUBLIC ROW WILL REQUIRE PERMITS FROM THE PUBLIC WORKS DEPARTMENT PRIOR TO BEGINNING WORK. A MOT PERMIT IS REQUIRED FOR ANY ACTIVITY IN THE ROW THE EITHER DIRECTLY OR INDIRECTLY AFFECTS VEHICULAR OR PEDESTRIAN TRAFFIC. OPEN CUT RESTORATION SHALL BE PERFORMED IN ACCORDANCE WITH FOOT INDEX 307, AND USING THE FLOWABLE FILL OPTION.

SAFETY AND TEMPORARY TRAFFIC CONTROL (MAINTENANCE OF TRAFFIC)

1. ALL SAFETY REGULATIONS AND PRACTICES SHALL BE ENFORCED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THIS PROJECT. THIS ALSO INCLUDES THE TRAVELING PUBLIC. THE FOLLOWING IS A NOTICE TO THE CONTRACTOR AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT OR ENFORCE SAFETY REGULATIONS.
2. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
3. ALL SUBSURFACE CONSTRUCTION SHALL CONFORM TO THE PROVISIONS SET FORTH BY THE "TRENCH SAFETY ACT".
4. TEMPORARY TRAFFIC CONTROL (TTC) IS REQUIRED FOR ALL WORKS ON HIGHWAYS, ROADS, STREETS, BIKE LANES, SIDEWALKS AND SHALL HAVE A TTC PLAN. THE PLAN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER THAT IS FOOT ADVANCED NOT CERTIFIED AT THE COST OF THE CONTRACTOR. ALL WORK SHALL BE EXECUTED UNDER THE ESTABLISHED TTC PLAN AND THE REVIEWING AGENCY'S APPROVED PROCEDURES. THE PLAN AND WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

GENERAL AND MISCELLANEOUS NOTES

1. THESE PLANS, DESIGN DOCUMENTS, AND NOTES ARE NOT EXHAUSTIVE. ALL THE APPLICABLE CONSTRUCTION STANDARDS AND DETAILS THAT ARE LISTED, REFERENCED, OR IMPLIED ARE INCLUDED IN THE CONTRACT DOCUMENTS BY REFERENCE.
2. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE REVIEWING AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
3. THE REPAIR OF DAMAGE EITHER ABOVE OR BELOW GROUND BY THE CONTRACTOR OR SUB-CONTRACTORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGE WILL BE IN THE OPINION OF THE OWNER, APPLICABLE AGENCY, OR ENGINEER. ALL REPAIRS SHALL BE MADE AT CONTRACTOR EXPENSE IN A MANNER SPECIFIED BY THE PARTICULAR ENTITY.
4. CONTRACTOR IS RESPONSIBLE FOR GRADING ALL PAVEMENT, SIDEWALKS, AND GRADING AROUND BUILDINGS TO DRAIN POSITIVELY. INTERSECTIONS SHALL BE TRANSITIONED TO PROVIDE SMOOTH DRIVING SURFACE WHILE MAINTAINING POSITIVE DRAINAGE.
5. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY OBSERVED AREAS OF POOR DRAINAGE PRIOR TO PLACEMENT OF CURBS OR PAVEMENT COURSES.
6. ALL UNDERGROUND UTILITIES MUST BE INSTALLED, INSPECTED, AND TESTED PRIOR TO PAVEMENT BASE OR SIDEWALK INSTALLATION.

EROSION CONTROL AND STABILIZATION

1. CONTRACTOR IS REQUIRED TO SUBMIT A COMPLETE NOI AND APPROPRIATE FEE TO SECURE A FDPF GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (OSP) AT LEAST TWO DAYS BEFORE CONSTRUCTION BEGINS. A PERMIT IS REQUIRED FOR CONSTRUCTION ACTIVITIES THAT DISTURB ONE OR MORE ACRES OR IF THE PROJECT IS PART OF A LARGER DEVELOPMENT THAT WILL ULTIMATELY DISTURB ONE OR MORE ACRES.
2. PROJECTS THAT DISCHARGE STORMWATER TO AN MS4, A COPY OF THE NOI MUST ALSO BE SUBMITTED TO THE OPERATOR OF THE MS4.
3. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR OBTAINING PERMIT COVERAGE AND IMPLEMENTING APPROPRIATE POLLUTION PREVENTION TECHNIQUES TO MINIMIZE EROSION AND SEDIMENTATION FROM STORMWATER DISCHARGES DURING CONSTRUCTION. THE ENGINEER SHOULD NOT BE LISTED AS THE OPERATOR AS THEY DO NOT HAVE OPERATIONAL CONTROL OVER THE PROJECT.
4. WHEN THE OPERATOR CHANGES, THE NEW OPERATOR SHOULD OBTAIN PERMIT COVERAGE AT LEAST 2 DAYS BEFORE ASSUMING CONTROL OF THE PROJECT, AND THE PREVIOUS OPERATOR SHOULD FILE AN NPDES STORMWATER NOTICE OF TERMINATION WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENTATION CONTROLS UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
6. ALL DISTURBED AND OPEN AREAS OF THE SITE SHALL BE SOODED UNLESS INDICATED OTHERWISE.

TREE PRESERVATION AND DEMOLITION

1. CONTRACTOR SHALL VERIFY AND PROTECT ALL EXISTING TREES AND NATURAL VEGETATION THAT ARE INDICATED TO REMAIN UNDISTURBED PER THE REVIEWING AGENCIES REQUIREMENTS. INSPECTIONS MAY BE REQUIRED PRIOR TO THE START OF CONSTRUCTION.
2. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
3. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR REMOVED SHALL, CONFIRMED WITH THE REVIEWING AGENCY AND THE OWNER, THE PROTECTION OR REMOVAL IS AT THE COST OF THE CONTRACTOR.
4. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
5. DISTURBED AREAS SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, MISCELLANEOUS VEGETATION, DELETERIOUS MATERIAL, DEBRIS, ETC.
6. SOME ITEMS TO BE REMOVED OR SALVAGED MAY NOT BE DEPICTED ON THE PLANS OR SURVEY. CONTRACTOR SHALL BE AWARE OF ALL EXISTING IMPROVEMENTS WITHIN THE CONSTRUCTION LIMITS AND CONFIRM AN INVENTORY WITH THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OR SALVAGE OF ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, ETC., AND THEIR APPURTENANCES UNLESS OTHERWISE NOTED. ALL ITEMS SHALL BE PROPERLY DISPOSED IN A LEGAL MANNER.
8. PROVIDE PROTECTION AS NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS SHOWN IN THE PLANS TO REMAIN.

PERMITTING, CONSTRUCTION STANDARDS, SUBMITTALS, REQUESTS FOR INFORMATION, INSPECTIONS, TESTING, PUNCH LISTS, RECORD DRAWINGS, AND AS-BUILTS

1. SITE CLEARING AND DEMOLITION MAY NOT BE ABLE TO BEGIN UNTIL CERTAIN PERMITS HAVE BEEN ISSUED AND MAY REQUIRE PRE-CONSTRUCTION MEETINGS, INSPECTIONS, CLEARANCES. THESE PERMITS ARE TYPICALLY ISSUED BY THE APPLICABLE WATER MANAGEMENT DISTRICT AND THE MUNICIPALITY.
2. OTHER PERMITS ARE REQUIRED PRIOR TO COMPLETING OTHER SITE COMPONENTS SUCH AS THE UTILITY CONSTRUCTION PERMITS, DRIVEWAY CONNECTION PERMITS, ROW USE PERMITS, ETC.
3. CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH AND OBTAINING ALL REQUIRED PERMITS, BONDS, TESTING, INSPECTIONS, CERTIFICATIONS, ETC. PRIOR TO AND DURING CONSTRUCTION (E.G. FDPF CGP, DEWATERING, MOT, WATERSEWER INSPECTIONS).
4. A COMPLETE SET OF PERMITTED DRAWINGS AND SPECIFICATIONS MUST BE MAINTAINED ON SITE AT ALL TIMES THAT THE CONTRACTOR IS PERFORMING WORK.
5. THE CONTRACTOR IS RESPONSIBILITY TO VERIFY THE CONSTRUCTION STANDARDS APPLICABLE TO EACH PORTION OF THE PROJECT. A SUGGESTED LIST OF APPLICABLE STANDARDS TYPICALLY ACCOMPANY THIS NOTE ON THIS PLAN SHEET.
6. CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO THE ENGINEER INDICATING MATERIALS AND MANNER OF INSTALLATION FOR ALL COMPONENTS OF THE PROJECT PRIOR TO PROCUREMENT OF MATERIALS AND INSTALLATION (E.G. PRECAST STRUCTURES, MANUFACTURED ITEMS). FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. ALL REQUESTS FOR INFORMATION SHALL BE SUBMITTED TO THE ENGINEER FOR RESPONSE BEFORE COMMENCING THE RELATED WORK VIA THE OWNER'S CONSTRUCTION DOCUMENTATION PROCESS.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLING A LIST INSPECTIONS AND FIELD VISITS DESIRED BY THE OWNER AND THE ENGINEER AND REASONABLY SCHEDULING THOSE INSPECTIONS.
9. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND COORDINATING ALL INSPECTIONS REQUIRED BY THE REVIEWING AGENCIES AS LISTED IN THE PERMITS, INSPECTOR'S REQUEST, OR IMPLIED BY THE DESIGN STANDARDS.
10. CONTRACTOR SHALL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM TESTING OF MATERIALS, SOILS, UTILITIES, ETC. THE TESTING SHALL BE IN ACCORDANCE WITH THE APPROVED PERMITS, CONSTRUCTION STANDARDS, INSPECTOR'S REQUEST, DESIGN REPORTS, AND STANDARD PAVING AND GRADING TESTING. THIS SHALL INCLUDE DENSITY TESTING IN ALL PAVEMENT AREAS, UTILITY TRENCH COMPACTION ESPECIALLY UNDER ROADS AND OTHER PAVED AREAS, CONCRETE, AND OTHER MATERIALS TESTING.
11. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THE REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR ALL RETESTING COSTS AND ANY RECONSTRUCTION REQUIRED TO MEET THE TESTING REQUIREMENTS.
12. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE SCHEDULE OF PUNCH LIST SITE VISITS WITH THE CONSTRUCTION SCHEDULE TO AVOID REPEAT VISITS. A TIMELINE OF ADDRESSING THE PUNCH LIST ITEMS SHALL BE PROVIDED IN A TIMELY MANNER, ANY DISPUTES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER.
13. RECORD DRAWINGS ARE DEFINED AS NOTES AND OTHER DOCUMENTATION COLLECTED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AS IT RELATES TO INSTALLATION PROGRESS, FIELD CONDITIONS, MEANS, METHODS, DEVIATIONS, AND OTHER VARIATIONS FROM THE CONTRACT DOCUMENTS. THE DOCUMENTATION MUST BE MADE AVAILABLE TO THE OWNER, ENGINEER, AND REVIEWING AGENCIES UPON REQUEST. RECORD DRAWINGS ARE NOT INTENDED TO BE EXHAUSTIVE, HOWEVER, VERIFICATION OF INSTALLED CONDITIONS CAN BE REQUESTED AT THE COST OF THE CONTRACTOR UTILIZING STANDARD METHODS.
14. CONTRACTOR SHALL CONFIRM REQUIREMENTS TO PROVIDE COMPLETE AS-BUILT INFORMATION TO THE OWNER, ENGINEER, AND REVIEWING AGENCIES AT THE COST OF THE CONTRACTOR.
15. AS-BUILTS ARE DEFINED AS A DRAWING PRODUCED BY A REGISTERED LAND SURVEYOR BASED ON FIELD MEASUREMENTS OF THE FINISHED SITE IMPROVEMENTS WITH LOCATIONS, ELEVATIONS, AND DESCRIPTION OF IMPROVEMENTS. THEY SHOULD MEET REVIEWING AGENCIES REQUIREMENTS PER PERMIT AND CLOSEOUT REQUIREMENTS. THEY SHOULD ALSO MEET THE OWNER'S NEED FOR LENDING, WARRANTEE, AND OTHER REQUIREMENTS.
16. AS-BUILTS CONTAIN AT A MINIMUM: BUILDING LOCATION AND FINISHED FLOOR ELEVATIONS, ACCESSIBLE ROUTE AND PARKING GRADES, PAVEMENT GRADE BREAKS, GRAVITY STRUCTURE TOP ELEVATIONS AND PIPE SIZES AND INVERTS, PRESSURE SYSTEM FITTINGS AND VALVES, SAMPLING POINTS, STORMWATER FACILITY TOP AND BOTTOM PERIMETERS AND OTHER FEATURES, OUTFALL STRUCTURE DETAILS, ETC. AND OTHER LOCATIONS WHERE FIELD CONDITIONS DO NOT MATCH THE CONTRACT DOCUMENTS.
17. ADDITIONAL AS-BUILT INFORMATION MAY BE REQUIRED DURING CONSTRUCTION INSTALLATIONS AT CRITICAL AREAS. THIS INCLUDES BUT IS NOT LIMITED TO PIPE CROSSINGS OF WATER MAINS WITH LESS THAN 18 INCHES OF CLEARANCE OR WHEN PARALLEL UTILITIES WITH WATER MAINS HAVE LESS THAN 10 FEET OF CLEARANCE.

WARRANTIES

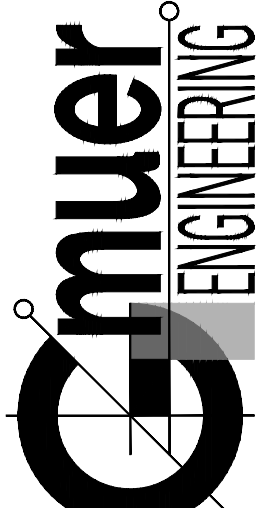
1. IF NOT SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS, ALL IMPROVEMENTS SHALL BE WARRANTED BY THE CONTRACTOR TO THE OWNER FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER. THIS WARRANTY WILL ALSO EXTEND TO THE MAINTENANCE ENTITY OF ANY OTHER IMPROVEMENTS INCLUDING ROADS, SIDEWALKS, UTILITIES, STORM PIPING, ETC. OR TO THE EXTENT REQUIRED BY THEIR APPLICABLE DESIGN STANDARDS.

WAITING: FOOT DRIVEWAY\ DRAINAGE & UTILITY, COUNTY UTILITY ROW

CONSTRUCTION: 2018-04-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION 2018-06-08 86% REVISION TO SHOW PHASE 1 ONLY 2018-06-21 100% PLAN FOR PHASE 1 UTILITIES 2018-06-21 100% PLAN FOR PHASE 1 UTILITIES 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS 2018-10-26 ADDING ADJACENT PROPERTY 2018-11-20 ADDED DISTURBED AREA ENCLOSURE / KEEP SIGNS

PERMITTING / DESIGN REVISIONS: 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING 2017-08-16 LAKE CITY INITIAL SUBMITTAL 2017-08-16 LAKE CITY INITIAL SUBMITTAL 2017-08-26 FOOT DRIVEWAY\ DRAINAGE AND APPROVAL 2017-10-23 FOOT DRIVEWAY SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-01-15 FOOT DRIVEWAY RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT

ENGINEER OF RECORD: CHRISTOPHER A. GUMIER, P.E. # 71599 2019-01-26



FL, CA # 31533 gmuereng.com (352) 281-4028 2603 NW 13th St, Box 314 Gainesville, FL 32609

MORHEUS GROUP, LLC

C.A. GUMIER, P.E.
C.A. GUMIER, P.E.
TBD
TBD
TBD
TBD

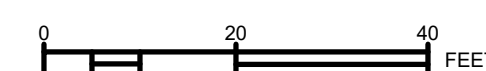
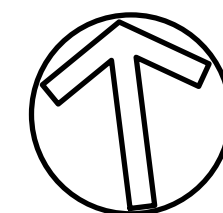
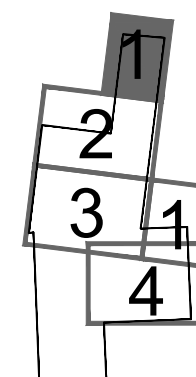
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GE-010 PROJECT # 17-0001

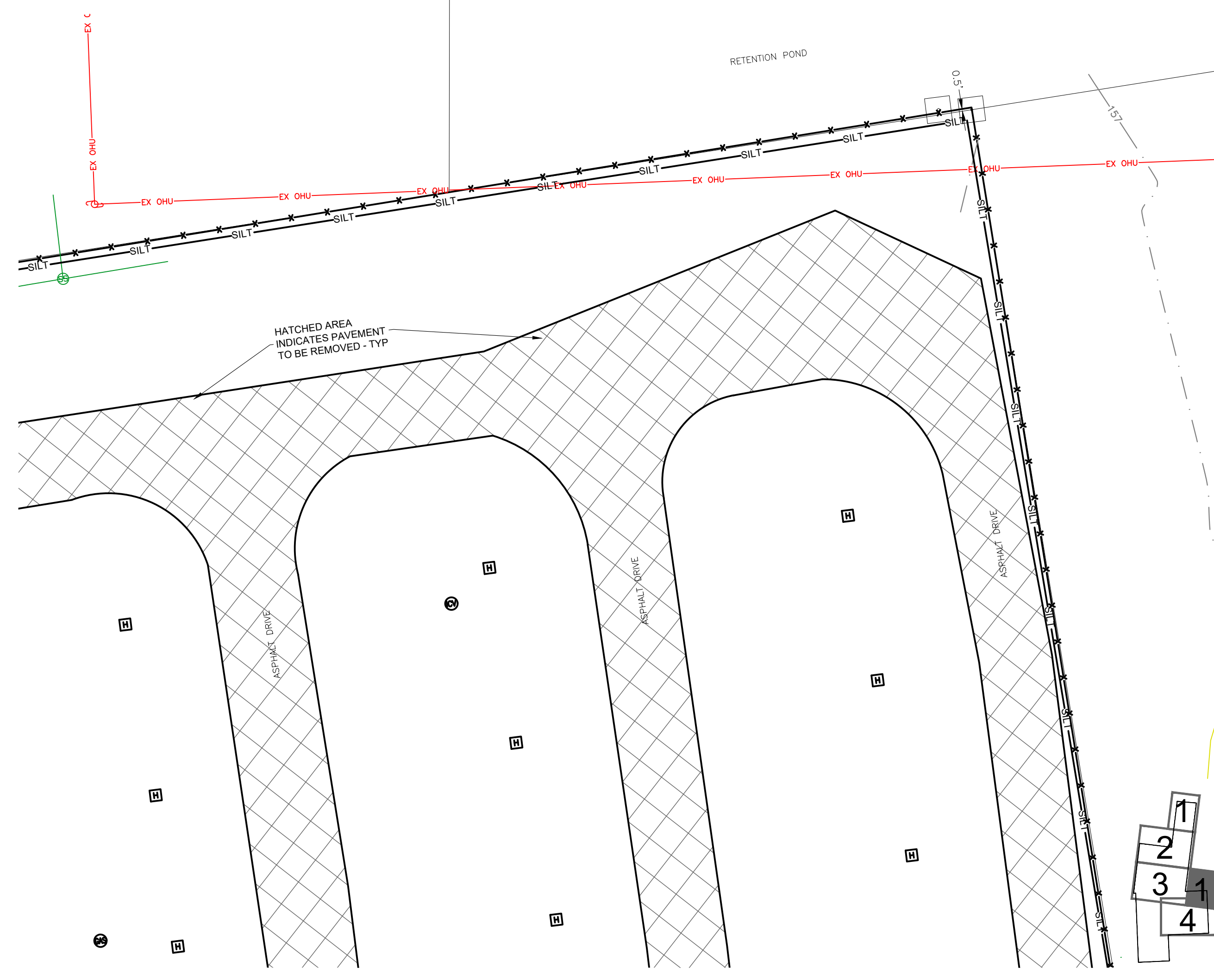
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1

NOTES AND LEGEND

C-010



OWNER: WILL SUMMERS PROPERTIES, INC.
TAX PARCEL No. 35-3S-16-02579-010



PENDING: AWAITING: FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW

CONSTRUCTION :

- 2018-01-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
- 2018-06-05-06% REVISION TO SHAKE THOSE 1 ONLY
- 2018-07-09-10% REVISION TO SHAKE THOSE 1 UTILITIES
- 2018-08-01-100% PLANS FOR BASE 1
- 2018-10-10-100% PLANS FOR LAKE CITY COMMENTS
- 2018-18-12-08 ADDING ADJACENT PROPERTY
- 2018-01-01-25 ADDING DUMPLSTER ENCLOSURE / KEEP SIGNS

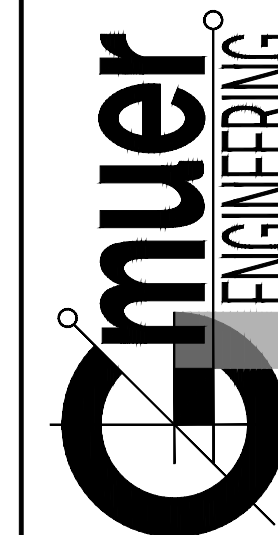
PERMITTING / DESIGN REVISIONS:

- 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING
- 2017-07-24 SRWMD INITIAL SUBMITTAL
- 2017-08-21 SRWMD RESUBMITTAL
- 2017-09-26 FOR FORD TIRECTIONAL MEDIAN OPENING
- 2017-10-26 PLANS FOR LAKE CITY BOARD APPROVAL
- 2017-10-23 FORT DRIVEWAY SUBMITTAL
- 2017-10-31 SRWMD RESUBMITTAL
- 2018-01-15 FORT DRIVEWAY RESUBMITTAL
- 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT

PERMITTING STATUS:

APPROVED: LAKE CITY SITE ZONING, SRWMD ERP

ENGINEER OF RECORD
CHRISTOPHER A. GMEZ
FL PE # 7155
2019-01-1

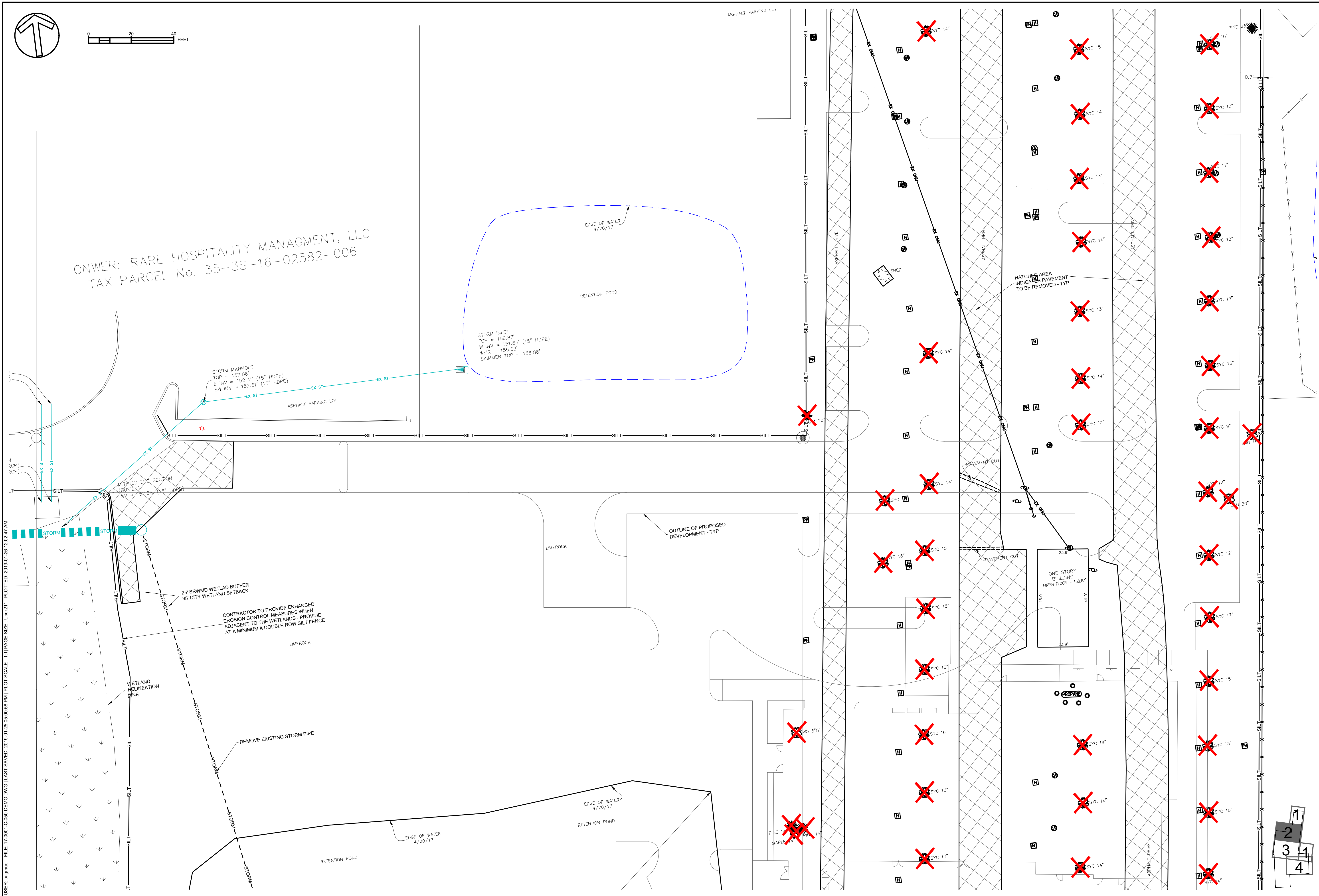


FL CA # 31533 gmuereng.com (352) 281-4928
2603 NW 13th ST Box 314 Gainesville FL 32609

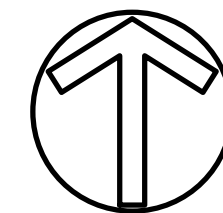
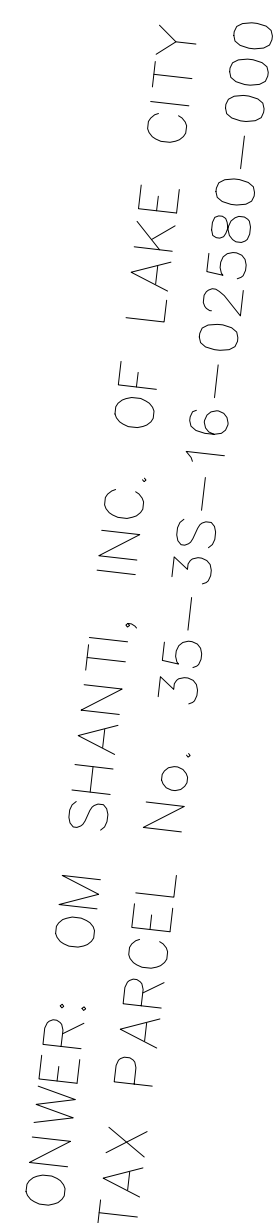
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DESIGN :	C.A. GMIJER, PE
QUALITY CONTROL :	C.A. GMIJER, PE
LAKE CITY APP #	TBD
SRRWMD APP #	TBD
FDOT DRIVEWAY #	TBD
FDOT DRAINAGE #	TBD
FDOT UTILITY #	TBD
SEing PROJECT #	17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

EROSION
CONTROL,
DEMOLITION, &
TREE REMOVAL
PLAN
C-051



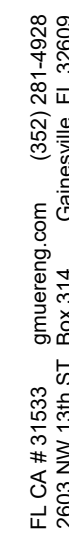
C-052	EROSION CONTROL, DEMOLITION, & TREE REMOVAL PLAN	LAKE CITY HOTELS AT 3004 W US 90 PHASE 1		CLIENT : MORPHEUS GROUP, LLC DESIGN : CA G穆ER, PE CA G穆ER, PE QUALITY CONTROL : LAKE CITY APP # TBD SRWMD APP # TBD SRWMD DRIVEWAY # TBD SRWMD UTILITY # TBD G/E/P PROJECT # 17-0001	FL CA # 31533 gmuering.com (352) 281-4628 2603 NW 13th St, Box 314 Gainesville, FL 32609
			ENGINEER OF RECORD : CHRISTOPHER A. G穆ER FL PE # 71599 2019-01-26	PERMITTING / DESIGN REVISIONS : 2017-07-14 SRWMD INITIAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-08-18 SRWMD INITIAL SUBMITTAL 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL 2017-10-25 FOOT DRIVEWAY SUBMITTAL 2017-10-25 SRWMD SUBMITTAL 2018-01-15 FOOT DRIVEWAY RESUBMITTAL 2018-01-15 SRWMD RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT	PERMITTING STATUS: APPROVED: LAKE CITY SITE ZONING, SRWMD ERP PENDING: SRWMD PERMITTING
					WAITING: FOOT DRIVEWAYS, DRAINAGE & UTILITY, COUNTY UTILITY ROW
					CONSTRUCTION : 2018-01-15 RELEASED FOR PRICING AND ONSITE CONSTRUCTION 2018-02-15 SRWMD PERMITTING 2018-07-25 90% REVISION TO PHASE 1 UTILITIES 2018-08-21 100% PLANS FOR PHASE 1 UTILITIES 2018-08-21 100% PLANS FOR PHASE 1 CITY COMMENTS 2018-12-06 ADDING ADJACENT PROPERTY 2018-12-06 ADDING DUMPSTER ENCLOSURE / KEEP SIGNS



C-101

SITE AND HORIZONTAL CONTROL PLAN

SITE AND HORIZONTAL CONTROL PLAN

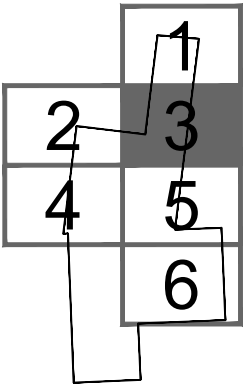
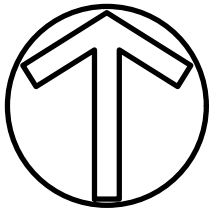
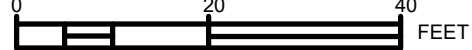
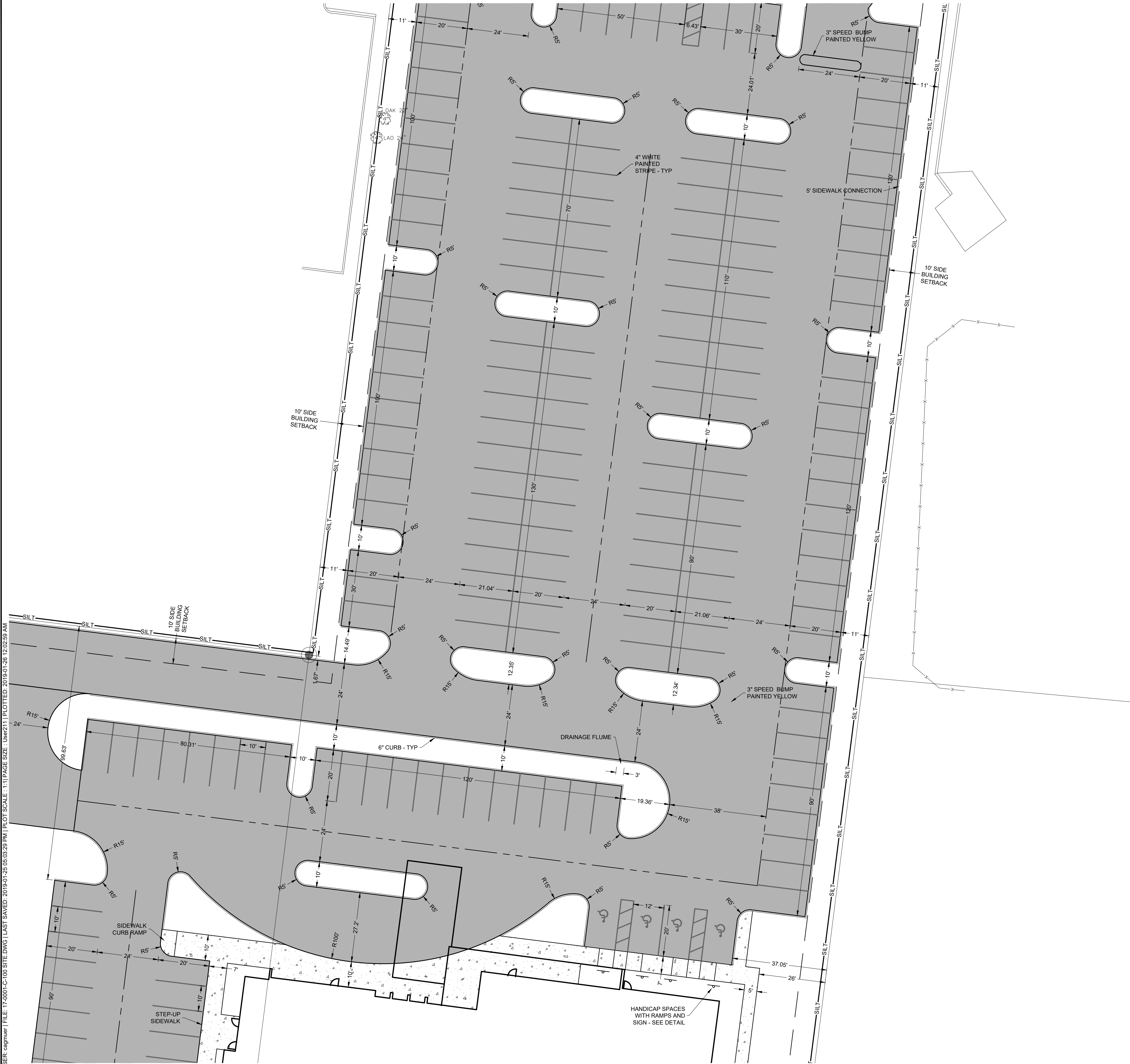


ENGINEER OF RECORD
CHRISTOPHER A. GMUE
FL PE # 7155
2019-01-2

ENGINEER OF RECORD
CHRISTOPHER A. GMEZ
FL PE # 7155
2019-01-31

ENGINEER OF RECORD
CHRISTOPHER A. GMEZ
FL PE # 7155
2019-01-31

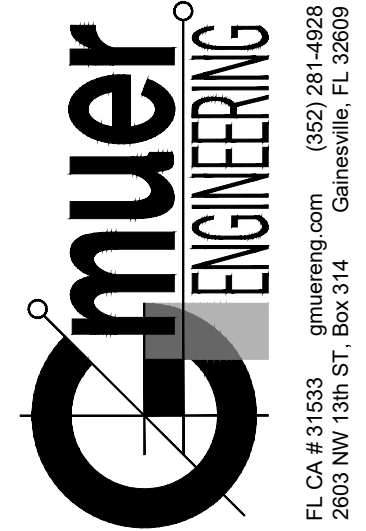
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WAITING: FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW
CONSTRUCTION:
2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
2018-06-08 60% REVISION TO SHOW PHASE 1 ONLY
2018-06-21 100% PLANS FOR PHASE 1 UTILITIES
2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
2018-12-06 ADDING ADJACENT PROPERTY
2018-01-25 ADDED UNIFORM ENCLOSURE / KEEP SIGNS

PERMITTING / DESIGN REVISIONS:
2017-10-30 ENVIRONMENTAL SUBMITTAL
2017-09-26 LAKE CITY INITIAL SUBMITTAL
2017-08-18 LAKE CITY INITIAL SUBMITTAL
2017-08-26 FOOT DIRECTIONAL MEDIAN OPENING
2017-08-26 FOOT DIRECTIONAL MEDIAN OPENING
2017-10-23 FOOT DRIVEWAY SUBMITTAL
2017-10-31 SRWMD RESUBMITTAL
2018-01-15 FOOT DRIVEWAY RESUBMITTAL
2018-01-15 FOOT DRIVEWAY RESUBMITTAL
2018-01-15 CONCEPT PLAN FOR REVISED LAYOUT

ENGINEER OF RECORD:
CHRISTOPHER A. GMUER
FL PE # 71599
2019-01-26

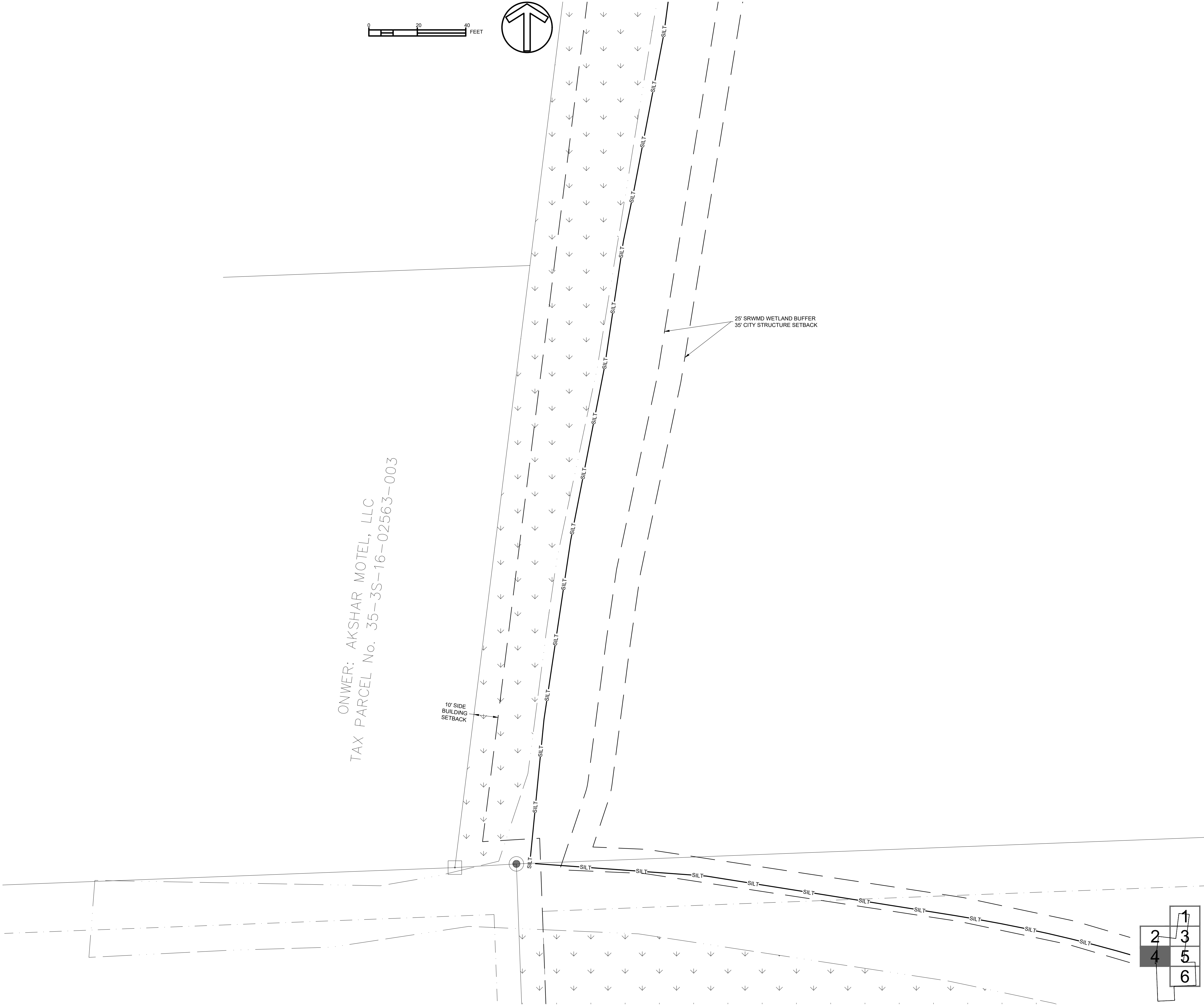


CLIENT: MORPHEUS GROUP, LLC
DESIGN: C.A. GMUER, PE
QUALITY CONTROL: C.A. GMUER, PE
LAKE CITY APP # TBD
LAKE CITY DRIVEWAY # TBD
FOOT DRIVEWAY # TBD
FOOT UTILITY # TBD
GEIw PROJECT # 17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

SITE AND
HORIZONTAL
CONTROL PLAN

C-103



LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

SITE AND
HORIZONTAL
CONTROL PLAN

C-104

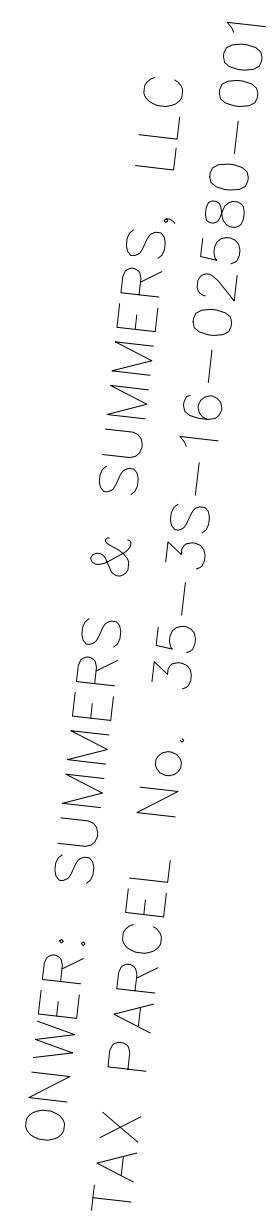
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DESIGN : CA. G穆ER, PE
QUALITY CONTROL : CA. G穆ER, PE
LAKE CITY APP # : TBD
FOOT DRIVEWAY # : TBD
FOOT DRAINAGE # : TBD
FOOT UTILITY # : TBD
GEI# PROJECT # : 17-0001

FL CA # 31533 gmuering.com (352) 281-4928
2803 NW 13th St, Box 314 Gainesville, FL 32609

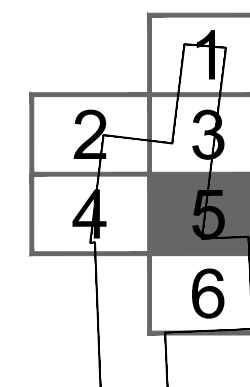
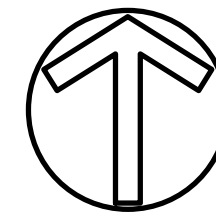
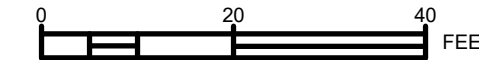
ENGINEER OF RECORD :
CHRISTOPHER A. G穆ER
FL PE # 71599
2019-01-26

PERMITTING / DESIGN REVISIONS :
2017-10-10 SRWMD DESIGN SUBMITTAL
2017-10-10 SRWMD DESIGN SUBMITTAL
2017-08-18 LAKE CITY INITIAL SUBMITTAL
2017-08-26 FOOT DIRECTIONAL MEDIAN OPENING
2017-08-26 FOOT DRIVEWAY SUBMITTAL
2017-10-23 FOOT DRIVEWAY SUBMITTAL
2017-10-23 SRWMD RESUBMITTAL
2018-01-15 FOOT DRIVEWAY RESUBMITTAL
2018-01-15 SRWMD RESUBMITTAL
2018-01-15 CONCEPT PLAN FOR REVISED LAYOUT
2018-01-15 LAKE CITY SITE ZONING, SRWMD ERP
APPROVED

CONSTRUCTION :
2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
2018-06-05 60% REVISION TO SHOW PHASE 1 ONLY
2018-06-05 60% REVISION TO SHOW PHASE 1 UTILITIES
2018-06-21 100% PLANS FOR PHASE 1
2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
2018-12-06 ADDING ADJACENT PROPERTY
2018-12-06 ADDING ADJACENT PROPERTY
2018-12-06 ADDING ADJACENT PROPERTY / KEEP SIGNS



OWNER: WILL SUMMERS PROPERTIES, INC.
TAX PARCEL No. 35-3S-16-02579-010

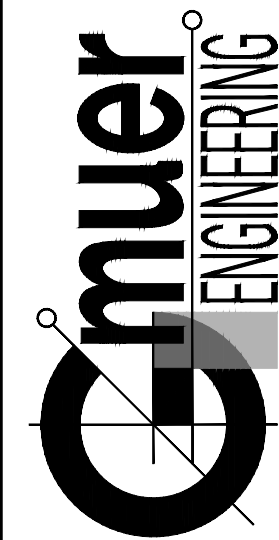


LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

SITE AND HORIZONTAL CONTROL PLAN

C-105

CLIENT :	MORPHEUS GROUP, LLC
DESIGN :	C.A. GMEUR, PE C.A. GMEUR, PE
QUALITY CONTROL :	TBD
LAKE CITY APP #	TBD
SRWMD APP #	TBD
FDOT DRIVEWAY #	TBD
FDOT DRAINAGE #	TBD
FDOT UTILITY #	TBD
GEog PROJECT #	17-0001



FL CA # 31533 gmuereing.com (352) 281-4928
2603 NW 13th ST, Box 314 Gainesville, FL 32609

ENGINEER OF RECORD :
CHRISTOPHER A. GMUER
FL PE # 71599
2019-01-26

PERMITTING / DESIGN REVISIONS:

- 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING
- 2017-07-21 SRWMD INITIAL SUBMITTAL
- 2017-08-18 LAKE CITY INITIAL SUBMITTAL
- 2017-08-26 DREDGE DIRECTIONAL MEDIAN OPENING
- 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL
- 2017-10-23 TRUCK DRIVEWAY SUBMITTAL
- 2017-11-01 SRWMD RESUBMITTAL
- 2018-01-15 TRUCK DRIVEWAY RESUBMITTAL
- 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT

PERMITTING STATUS:

- APPROVED: LAKE CITY SITE ZONING, SRWMD ERP

WAITING: FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW

CONSTRUCTION :

2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION

2018-06-05 60% REVISION TO SHOW PHASE 1 ONLY

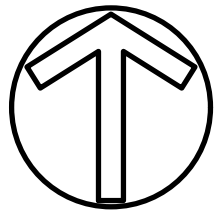
2018-07-25 90% REVISION TO PHASE 1 UTILITIES

2018-08-21 100% PLANS FOR PHASE 1

2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS

2018-12-06 ADDING ADJACENT PROPERTY

2018-01-25 ADDED DUMPSITE ENCLOSURE / KEEP SIGNS



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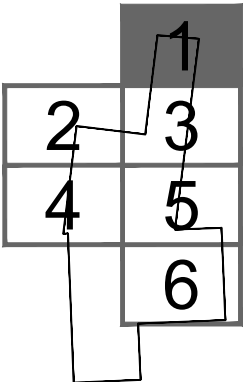
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2603 NW 13th ST Box 314 Gainesville FL 32609

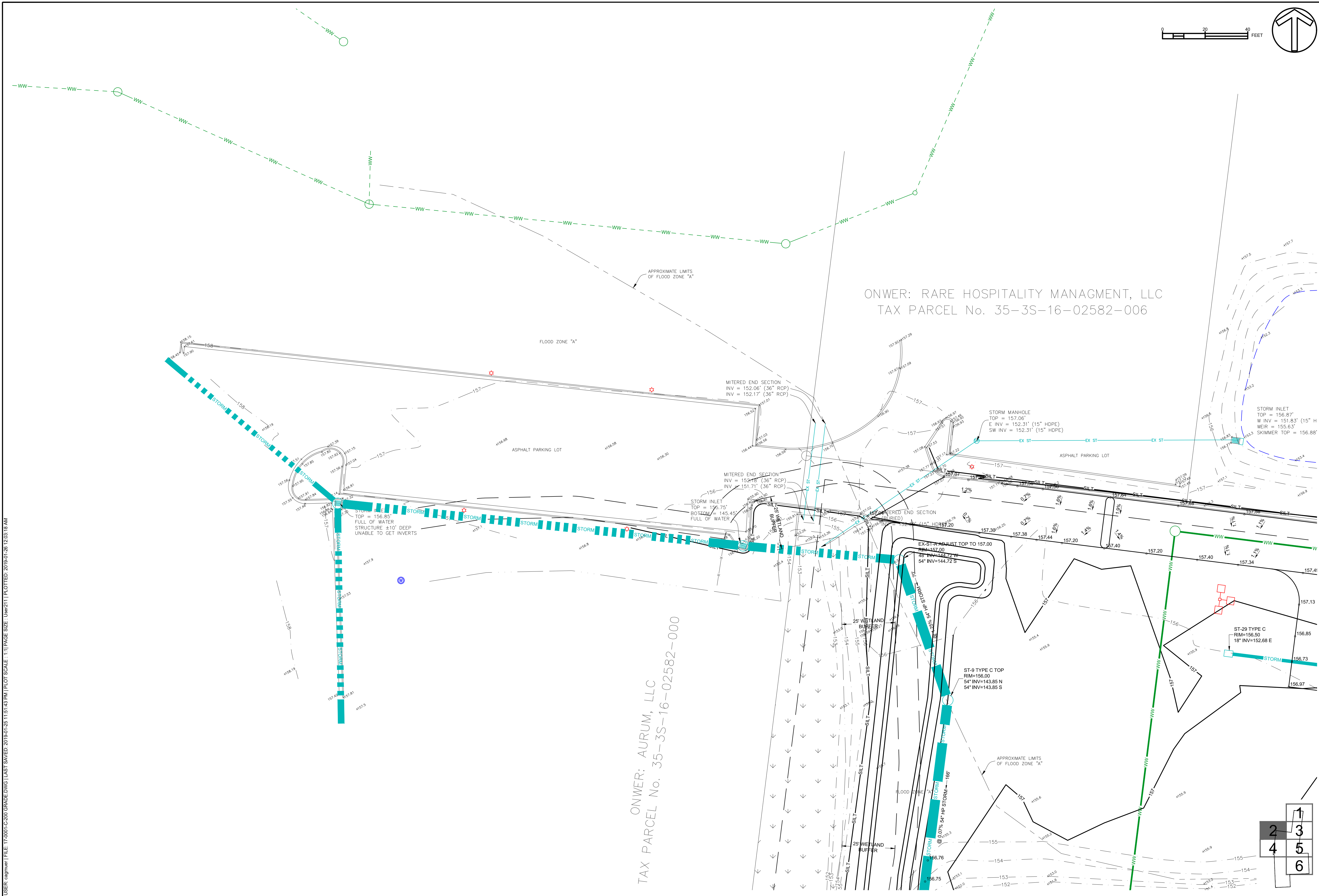
17-0001

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MUE
715
9-01-2

PERMITTING STATUS:
APPROVED: LAKE CITY SITE ZONING. SRWMD ERP

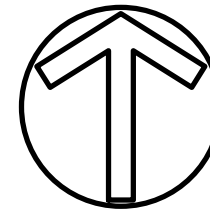


PAVING,
GRADING, &
DRAINAGE
PLAN
C-201

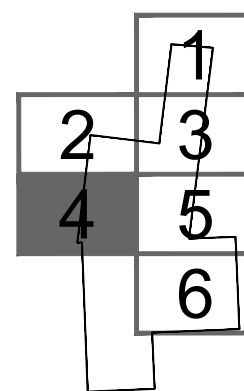


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[illegible]



ONWER: AKSHAR MOTEL, LLC
TAX PARCEL No. 35-3S-16-02563-003



C-204

CLIENT :	MORPHEUS GROUP, LLC
DESIGN :	C.A. GMIER, PE
QUALITY CONTROL :	C.A. GMIER, PE
LAKE CITY APP #	TBD
SRRWMD APP #	TBD
FDOT DRIVEWAY #	TBD
FDOT DRAINAGE #	TBD
FDOT UTILITY #	TBD
SEing PROJECT #	17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

MASTER UTILITY PLAN

C-300



Cmu
ENGINEERING

FL CA #31533 gmuengineering.com (352) 281-4928
2603 NW 13th St. Box 314 Gainesville, FL 32609

PERMITTING / DESIGN REVISIONS: 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING 2017-07-21 SRWMD INITIAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-08-28 LAKE CITY INITIAL SUBMITTAL 2017-09-28 LAKE CITY CORRECTIONS / MEDIAN OPENING 2017-10-03 SRWMD APPROVAL 2017-10-23 FDOT DRIVEWAY SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-01-15 FDOT DRIVEWAY RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT	PERMITTING STATUS: APPROVED, LAKE CITY SITE ZONING, SRWMD ERP
ENGINEER OF RECORD CHRISTOPHER A. GUNDS FL PE # 7159	
2019-01-15	

WAITING FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW

CONSTRUCTION :

2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION

2018-06-05 60% REVISION TO SHOW PHASE 1 ONLY

2018-06-05 60% REVISION TO SHOW PHASE 1 UTILITIES

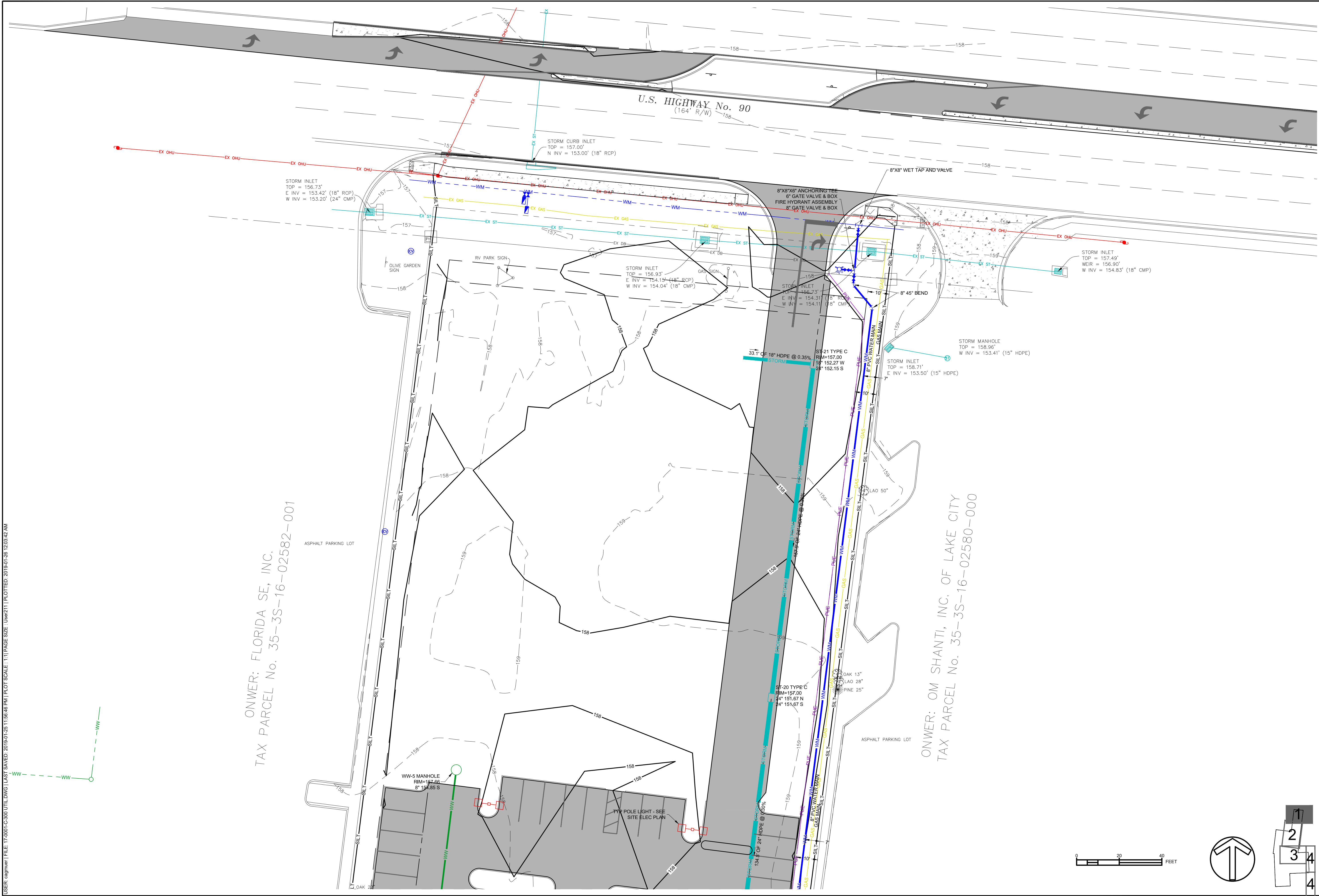
2018-09-21 100% PLANS FOR PHASE 1

2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS

2018-12-06 ADDING ADJACENT PROPERTY

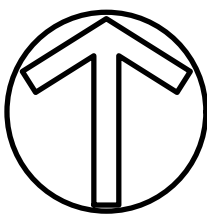
2018-01-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS

USER: cagmur | FILE: 17-0001-C-300 UTIL DWG | LAST SAVED: 2019-01-23 11:56:46 PM | PLOT SCALE: 1"=11' | PAGE SIZE: 11x17" | PLOTTED: 2019-01-26 12:03:42 AM

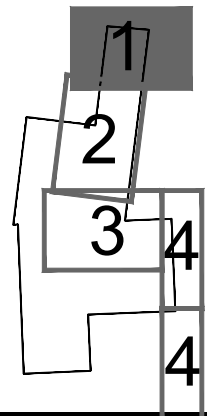


OWNER: FLORIDA SE, INC.
TAX PARCEL No. 35-3S-16-02582-001

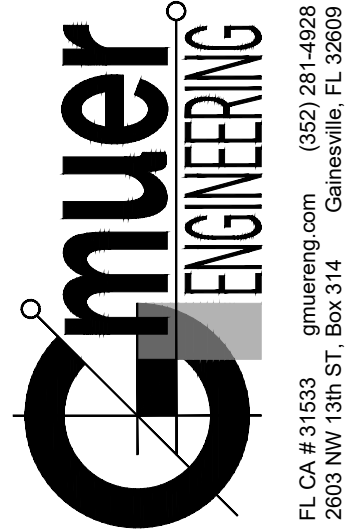
OWNER: OM SHANTI, INC. OF LAKE CITY
TAX PARCEL No. 35-3S-16-02580-000



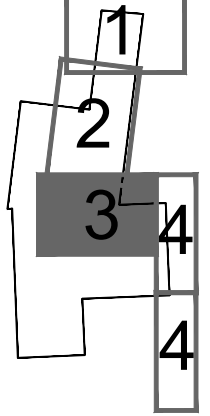
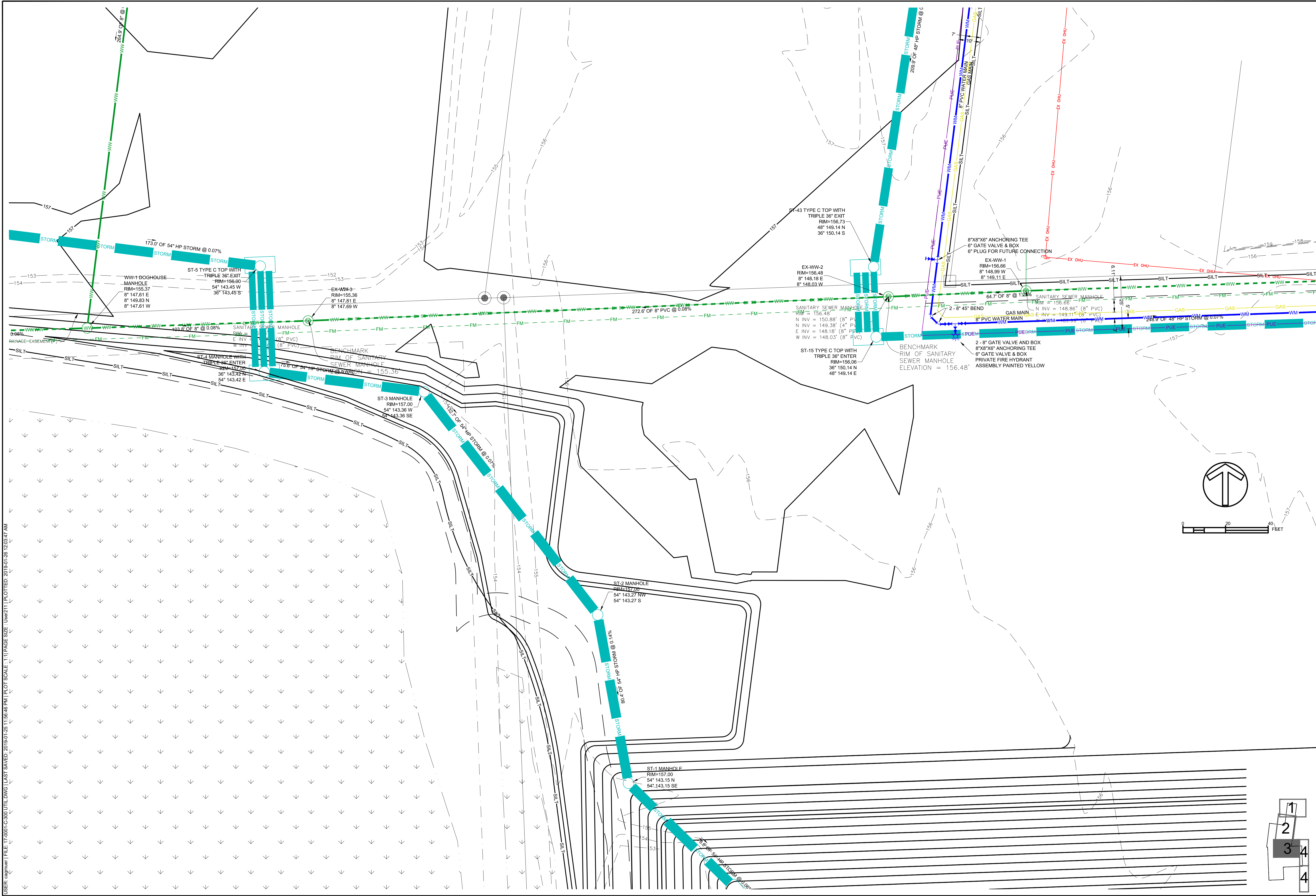
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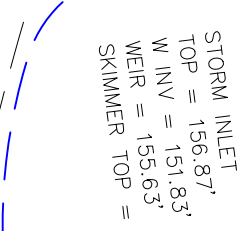
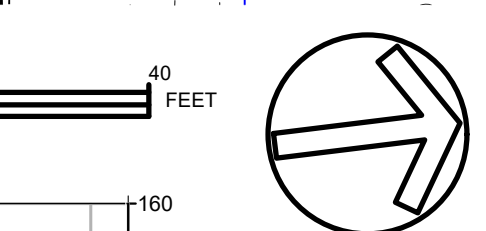
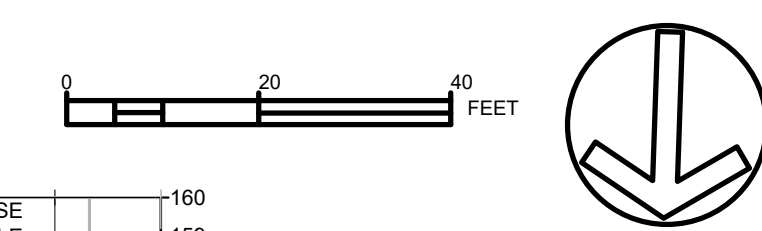
UTILITY PLAN		C-301	
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1		ENGINEER OF RECORD: CHRISTOPHER A. GMUER FL PE # 71599 2019-01-26	
CLIENT:	MORPHEUS GROUP, LLC	DESIGN:	CA. GMUER, PE
QUALITY CONTROL:	CA. GMUER, PE	LAKE CITY APP #	TBD
FOOT DRIVEWAY #	TBD	FOOT DRIVEWAY #	TBD
FOOT UTILITY #	TBD	FOOT UTILITY #	TBD
GEIG PROJECT #	17-0001	PERMITTING STATUS:	APPROVED, LAKE CITY SITE ZONING, SRWMD ERP
PERMITTING / DESIGN REVISIONS:		WAITING: FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW	
2017-10-10 ENVIRONMENTAL SUBMITTAL		2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION	
2017-09-26 60% DESIGN SUBMITTAL		2018-06-08 60% REVISION TO SHOW PHASE 1 ONLY	
2017-08-18 LAKE CITY INITIAL SUBMITTAL		2018-06-21 100% PLANS FOR PHASE 1 UTILITIES	
2017-08-26 FOOT DIRECTIONAL MEDIAN OPENING		2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS	
2017-10-23 FOOT DRIVEWAY SUBMITTAL		2019-01-26 ADDING ADJACENT PROPERTY	
2017-10-31 SRWMD RESUBMITTAL		2019-01-26 ADDING ADJACENT PROPERTY	
2018-01-15 FOOT DRIVEWAY RESUBMITTAL		2019-01-26 ADDING ADJACENT PROPERTY	
2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT		2019-01-26 ADDING ADJACENT PROPERTY / KEEP SIGNS	



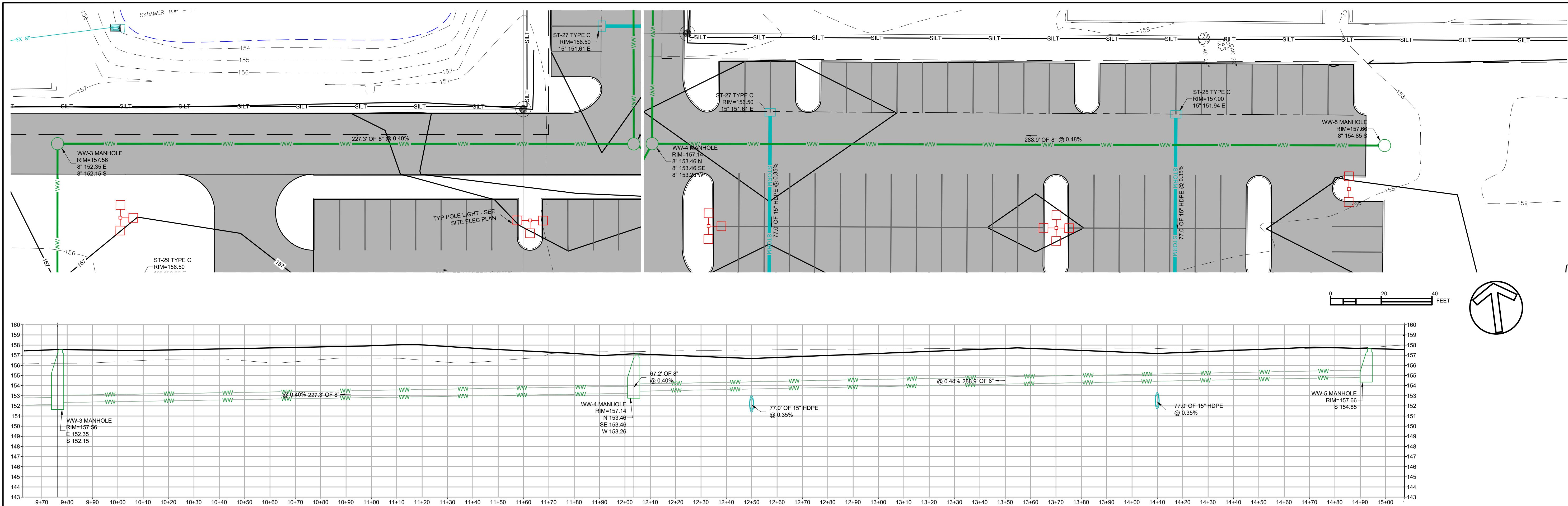
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WAITING: FDOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW	
CONSTRUCTION: 2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION 2018-06-08 60% REVISION TO SHOW PHASE 1 ONLY 2018-08-21 100% PLANS FOR PHASE 1 UTILITIES 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS 2018-12-13 ADDING ADJACENT PROPERTY 2018-12-13 ADDING UNITS/ENCLASURE / KEEP SIGNS	
PERMITTING / DESIGN REVISIONS: 2017-10-30 ENVIRONMENTAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-08-26 FDOT DIRECTIONAL MEDIAN OPENING 2017-08-26 FDOT DIRECTIONAL MEDIAN OPENING 2017-10-23 FDOT DRIVEWAY SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-01-15 FDOT DRIVEWAY SUBMITTAL 2018-01-15 CONCEPT PLAN FOR REVISED LAYOUT PERMITTING STATUS: APPROVED LAKE CITY SITE ZONING, SRWMD ERP	
ENGINEER OF RECORD: CHRISTOPHER A. G穆ER FL PE # 71599 2019-01-26	
CLIENT: DESIGN: QUALITY CONTROL: LAKE CITY APP # TBD FOOT DRIVEWAY # TBD FOOT UTILITY # TBD	MORPHEUS GROUP, LLC C.A. G穆ER, PE C.A. G穆ER, PE TBD TBD TBD 17-0001
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1	
UTILITY PLAN	
C-303	



C-310



USER: cagmuer | FILE: 17-0001-C-300 UTIL.DWG | LAST SAVED: 2019-01-25 11:56:46 PM | PLOT SCALE: 1:1 | PAGE SIZE: User211 | PLOTTED: 2019-01-26 12:04:08 AM

CONSTRUCTION :
 2018-01-25 ISSUED FOR PRICING AND ON-SITE CONSTRUCTION
 2018-04-05 96% REVISION TO SHOW PHASE 1 ONLY
 2018-07-25 96% REVISION TO PHASE 1 UTILITIES
 2018-08-21 100% PLANS FOR PHASE 1
 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
 2018-11-05 ADDITIONAL COMMENTS FROM LAKE CITY
 2018-01-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS

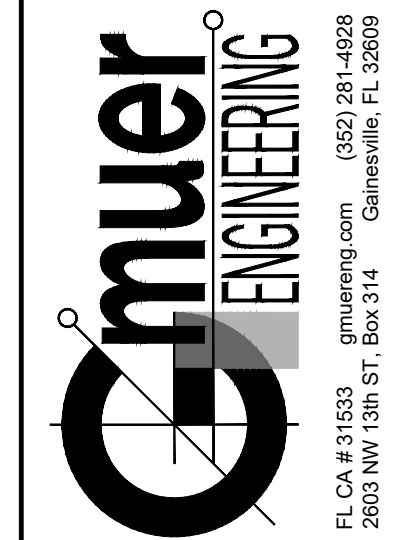
PERMITTING / DESIGN REVISIONS:

- 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING
- 2017-07-21 SRWMD INITIAL SUBMITTAL
- 2017-08-18 LAKE CITY INITIAL SUBMITTAL
- 2017-08-18 FDOT DIRECTIONAL MEDIAN OPENING
- 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL
- 2017-10-23 FDOT DRIVEWAY SUBMITTAL
- 2017-10-31 SRWMD RESUBMITTAL
- 2018-01-15 FDOT DRIVEWAY RESUBMITTAL
- 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT

PERMITTING STATUS:

- APPROVED: LAKE CITY SITE ZONING, SRWMD ERP

ENGINEER OF RECORD :
CHRISTOPHER A. G穆ER
FL PE # 71599
2019-01-26



CLIENT :	MORPHEUS GROUP, LLC
DESIGN :	C.A. GMIJER, PE
QUALITY CONTROL :	C.A. GMIJER, PE
	TBD
LAKE CITY APP #	TBD
SRWIND APP #	TBD
FOOT DRIVEWAY #	TBD
FOOT DRAINAGE #	TBD
FOOT UTILITY #	TBD
GENG PROJECT #	17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

UTILITY PLAN & PROFILE

C-311

SCOPE

1. THE PURPOSE AND INTENT OF THESE GENERAL NOTES AND THE ACCOMPANYING CONSTRUCTION DETAILS IS TO PROVIDE FOR THE FURNISHING AND INSTALLATION OF A WATER TRANSMISSION AND DISTRIBUTION SYSTEM.

2. ENGINEERS, CONTRACTORS, INSPECTORS, AND OTHERS CONCERNED WITH WATER CONSTRUCTION SHALL PERFORM ALL WORK IN ACCORDANCE WITH THESE REQUIREMENTS; ANY MODIFICATIONS TO THESE STANDARDS SHALL REQUIRE APPROVAL FROM THE DIRECTOR OF THE UTILITIES AND PUBLIC WORKS DEPARTMENT.

3. ALL WATER MAIN CONSTRUCTION METHODS AND MATERIALS, INCLUDING PIPING, VALVES, FIRE HYDRANTS ETC., AND ASSOCIATED APPURTENANCES SHALL CONFORM TO MATERIALS SCHEDULE AND AWWA STANDARDS.

[illegible][illegible]

1. EVERY CARE SHALL BE TAKEN IN HANDLING AND LAYING PIPE AND FITTINGS TO AVOID DAMAGING THE PIPE, SCRATCHING OR MARRING MACHINED SURFACES, AND ABRASION OF THE PIPE COATING.
2. LINED PIPE AND FITTINGS MUST BE HANDLED ONLY FROM THE OUTSIDE OF THE PIPE AND FITTINGS. NO FORKS, CHAINS, STRAPS, HOOKS, ETC. SHALL BE PLACED INSIDE THE PIPE OR FITTINGS FOR LIFTING, POSITIONING, OR LAYING. IF DAMAGED, THE MATERIAL SHALL BE REPAIRED IN ACCORDANCE WITH THE LINER MANUFACTURER'S RECOMMENDATIONS AND TO THE CITY UTILITY AND PUBLIC WORKS DEPARTMENT'S SATISFACTION.
3. EXCEPT AS OTHERWISE APPROVED, ALL CUTTING SHALL BE DONE WITH A POWER DRIVEN CUT OFF SAW. ALL UT ENDS SHALL BE EXAMINED FOR POSSIBLE CRACKS CAUSED BY CUTTING.

THE UTILITIES AND PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED FOURTY-THREE (43) HOURS PRIOR TO THE START OF ANY WORK TO BE PERFORMED IN THE TRENCH. THE TRENCH SHALL BE INSTALLED WITHOUT NOTIFICATION OF THE UTILITIES AND PUBLIC WORKS DEPARTMENT.

ALL MATERIALS TO BE INSTALLED IN THE TRENCH SHALL BE APPROVED BY THE INSPECTOR. MECHANICAL JOINT MATERIALS INSTALLED SHALL BE IN ACCORDANCE WITH THE MATERIALS INDICATED IN THE MATERIALS SCHEDULE.

ALL MATERIALS INCLUDED IN THE MATERIALS SCHEDULE SHALL NOT BE INSTALLED WITHOUT PRIOR WRITTEN APPROVAL BY THE DIRECTOR OF THE UTILITIES AND PUBLIC WORKS DEPARTMENT.

THE TRENCH SHALL BE INSTALLED TO A MINIMUM DEPTH OF 48" UNLESS OTHERWISE SPECIFIED. OCCURS, THE BOTTOM OF THE TRENCH SHALL BE BROUGHT UP TO THE ORIGINAL GRADE WITH APPROVED BACKFILL. THE TRENCH SHALL BE THOROUGHLY COMPACTED, AS DIRECTED BY UTILITIES AND PUBLIC WORKS DEPARTMENT INSPECTOR.

BEFORE PLACING PIPE INTO THE TRENCH, THE OUTSIDE OF THE SPOOT AND THE INSIDE OF THE BELL SHALL BE CLEANED OF ALL DEBRIS. THE INSIDE OF THE BELL SHALL BE CLEANED OF ALL DEBRIS. THE INSIDE OF THE BELL SHALL BE CLEANED OF ALL DEBRIS. THE INSIDE OF THE BELL SHALL BE CLEANED OF ALL DEBRIS.

FOREIGN MATERIAL FROM ENTERING THE PIPE DURING LAUNCH OPERATION, NO DEBRIS, TOOLS, CLOTHING, ETC. SHALL BE ALLOWED TO ENTER THE PIPE DURING LAUNCH OPERATION.

AFTER PLACING A LENGTH OF PIPE IN THE TRENCH, THE SPOOT END SHALL BE CENTERED IN THE BELL. THE SPOOT END SHALL BE CENTERED IN THE BELL.

[illegible]

SERVICES

1. THE LOCATION OF ALL SERVICE LINES SHALL BE AS SHOWN ON THE DRAWINGS.
2. BLUE INSULATED, SOLID CONDUCTOR, 10 GAUGE COPPER WIRE SHALL BE TAPED TO OR WRAPPED AROUND ALL PLASTIC PIPE OR TUBING FOR LOCATION PURPOSES. THE WIRE SHALL BE STUBBED OUT AT THE METER AND EXTENDED TO THE WATER METER BOX. THE WIRE SHALL BE CONNECTED TO THE WIRE REQUIRED ON PLASTIC WATER MAINS.
3. CONTRACTOR TO COORDINATE WITH THE CITY UTILITY AND PUBLIC WORKS DEPARTMENT FOR THE INSTALLATION OF WATER METER ASSEMBLY.
4. ALL MATERIALS AND CONSTRUCTION OF THE SERVICE LINES SHALL BE IN STRICT ACCORDANCE WITH REQUIREMENTS OF THE CONSTRUCTION DETAILS. THESE PLANS, MATERIALS SCHEDULE, AND THE CITY UTILITY

[illegible]

HYDROSTATICALLY TEST AT A GAUGE PRESSURE OF 150 PSI AT A LEAKAGE TEST RATE OF 100 GPM. THE TEST SHALL BE IN ACCORDANCE WITH AWWA STANDARD C600-84, OR LATEST REVISION.

2. THE LINE UNDER TEST SHALL BE SLOWLY FILLED WITH WATER AT THE SPECIFIED TEST PRESSURE. THE PRESSURE SHALL BE MAINTAINED AT THE POINT OF LEAKAGE FOR 15 MINUTES. THE CORRECTIONS NECESSARY SHALL BE CALCULATED AND A CORRECTION FACTOR APPLIED TO ACCOUNT FOR THE ELEVATION OF THE TEST GAUGE. PRESSURE SHALL BE ADJUSTED AS NEEDED BY MEANS OF A HAND PUMP, OR A MODULAR ELECTRICALLY DRIVEN TEST PUMP CONNECTED TO THE PIPE.

3. IF AIR OR FIRE HYDRANTS ARE INSTALLED AT THE TEST SECTION, THEY SHALL BE CLOSED BEFORE THE SPECIFIED TEST PRESSURE. ALL AIR SHALL BE EXPELLED FROM THE TEST SECTION INCLUDING SERVICE CONNECTIONS. IF FIRE HYDRANTS OR BLOW-OFFS ARE NOT AVAILABLE AT HIGH PLACES, TAPS AT POINTS OF CONNECTION SHALL BE MADE BEFORE THE TEST IS MADE AND PLUGS INSERTED AFTER THE TEST HAS BEEN COMPLETED.

4. WATER MAINS SHALL HOLD THE 150 PSI TEST PRESSURE FOR A ONE-HOUR TEST PERIOD. SUFFICIENT WATER SHALL BE AVAILABLE TO MAINTAIN THE TEST PRESSURE THROUGHOUT THE TEST PERIOD.

[illegible]

FINAL ACCEPTANCE

CALL THE UTILITIES AND PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS IN ADVANCE TO NOTIFY THEM WHEN WORK WILL BEGIN AT THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE UTILITIES AND PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM WORK IN PROGRESSES IDENTIFIED AT VARIOUS TIMES DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING ITEMS:

- 1. VISUAL INSPECTION OF ALL MECHANICAL JUNCTION RESTRAINTS AND TRIMMED BLOCKS BEFORE BACKFILLING.
- 2. THE CONTRACTOR SHALL COORDINATE WITH THE INSPECTOR OF THE UTILITIES AND PUBLIC WORKS DEPARTMENT TO CONDUCT VISUAL INSPECTIONS OF THE WORK AT THE SITE TO COORDINATE WITH INSPECTOR TO ARRANGE AND TIME FOR A WALK-THROUGH WITH THE UTILITIES AND PUBLIC WORKS DEPARTMENT NOTE: BEFORE THE WALK-THROUGH, THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE A WRITTEN REPORT OF DISCREPANCIES (I.E. PUNCH LIST) THAT WILL BE PREPARED BY THE UTILITIES AND PUBLIC WORKS DEPARTMENT AND GIVEN TO THE CONTRACTOR.
- 3. CONTRACTOR SHALL NOTIFY INSPECTOR WHEN THE DISCREPANCIES (I.E. PUNCH LIST) ARE REQUIRED SO THAT THE INSPECTOR MAY COORDINATE WITH THE UTILITIES AND PUBLIC WORKS DEPARTMENT TO CONDUCT VISUAL INSPECTIONS OF THE WORK AT THE SITE TO COORDINATE WITH INSPECTOR TO ARRANGE AND TIME FOR A WALK-THROUGH WITH THE UTILITIES AND PUBLIC WORKS DEPARTMENT NOTE: BEFORE THE WALK-THROUGH, THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE A WRITTEN REPORT OF DISCREPANCIES (I.E. PUNCH LIST) THAT WILL BE PREPARED BY THE UTILITIES AND PUBLIC WORKS DEPARTMENT AND GIVEN TO THE CONTRACTOR.

4. ADDITIONAL CONTRACT CLOSE-OUT PROCEDURES MAY BE REQUIRED.

[illegible][illegible]

BLUE FOR WATER PIPE	KRIS-TEC WIRE COMPANY 10 AWG TRACER
WIRE TRACER CONNECTION	IDEAL INDUSTRIES, INC.
CONNECTING 10 AWG TRACER WITH NON-HARDENING SILICONE SEALANT	KENNEDY VALVE CO. KING ISLE
PIPE, HIGH DENSITY POLYETHYLENE, DIPS	PERFORMANCE PIPE, DISCORP/EXEAL DIPS (PE30)
FOR USE WITH DIRECTIONAL BORES, 12 DR11, WITH MANUFACTURER SUPPLIED ADAPTORS AND ACCESSORIES REQUIRED TO CONNECT PLAIN END HOSE PIPING TO	
MECHANICAL JOINT FITTINGS, VALVES, AND APPURTENANCES	
SLEEVE, TAPPING, STAINLESS STEEL, M(4-12)	
PORT METER BOX COMPANY, INC. F158-4	
CONCRETE JOINTS	JCM INDUSTRIES, INC. JCM-4

BASE AND RISER: MANHOLE SECTION (CULVERT BOTTOM) 4" DIA.
MANHOLE BASE W/LOCATED BOTTOM SHALL HAVE SHOP APPLIED INTERIOR AND EXTERIOR DAMP-PROOF EPOXY COATING.
PRIME AND FINISH COATS SHALL BE SEPARATE COATINGS, WITH GRAY TOP COAT. MINIMUM COATING THICKNESS IS 3-5 MILS DFT. EPOXY SHALL
PROVIDE CORROSION PROTECTION AND WATER PROOFING OF STRUCTURE. KNOCKOUTS: BOOTS, 13" DIA. @ 80 DEG. JOINT.
TONGUE AND GROOVE W/IRANNEK PRIMER. MANHOLE BASE IS 6" IN DIAMETER BY 3" OR 4" HIGH (TALL).
CONE, MANHOLE SECTION, ECCENTRIC, 48" X 24" OR 36" X 24" OR 36" X 18" OR 36" X 12" OR 36" X 6" OR 36" X 3" OR 36" X 1.5" OR 36" X .75" OR 36" X .375" OR 36" X .1875" OR 36" X .09375" OR 36" X .046875" OR 36" X .0234375" OR 36" X .01171875" OR 36" X .005859375" OR 36" X .0029296875" OR 36" X .00146484375" OR 36" X .000732421875" OR 36" X .0003662109375" OR 36" X .00018310546875" OR 36" X .000091552734375" OR 36" X .0000457763671875" OR 36" X .00002288818359375" OR 36" X .000011444091796875" OR 36" X .0000057220458984375" OR 36" X .00000286102294921875" OR 36" X .000001430511474609375" OR 36" X .0000007152557373046875" OR 36" X .00000035762786865234375" OR 36" X .000000178813934326171875" OR 36" X .0000000894069671630859375" OR 36" X .00000004470348358154296875" OR 36" X .000000022351741790771484375" OR 36" X .0000000111758708953857421875" OR 36" X .00000000558793544769287109375" OR 36" X .000000002793967723846435546875" OR 36" X .0000000013969838619232177734375" OR 36" X .00000000069849193096160888671875" OR 36" X .000000000349245965480804443359375" OR 36" X .0000000001746229827404022216796875" OR 36" X .00000000008731149137020111083984375" OR 36" X .000000000043655745685100555419921875" OR 36" X .0000000000218278728425502777099609375" OR 36" X .00000000001091393642127513885498046875" OR 36" X .000000000005456968210637569427490234375" OR 36" X .0000000000027284841053187823712451171875" OR 36" X .00000000000136424205265939118562255859375" OR 36" X .000000000000682121026329695592811279296875" OR 36" X .0000000000003410605131648477964056396484375" OR 36" X .00000000000017053025658242389820281982421875" OR 36" X .000000000000085265128291211949101409912109375" OR 36" X .0000000000000426325641456059745507049560546875" OR 36" X .00000000000002131628207280298727535247802734375" OR 36" X .000000000000010658141036401493637676239013671875" OR 36" X .0000000000000053290705182007468188381195068359375" OR 36" X .00000000000000266453525910037340941905975341796875" OR 36" X .000000000000001332267629550186704709529876708984375" OR 36" X .0000000000000006661338147750933523547649383544921875" OR 36" X .00000000000000033306690738754667617738246917724609375" OR 36" X .000000000000000166533453693773338088691234588623046875" OR 36" X .0000000000000000832667268468866690443456117293115234375" OR 36" X .00000000000000004163336342344333452217280586465776171875" OR 36" X .000000000000000020816681711721667261086402932328880859375" OR 36" X .0000000000000000104083408558608336305432014661644404296875" OR 36" X .000000000000000005204170427930416815271600733308222021484375" OR 36" X .00000000000000000260208521396523360763580036665411101234375" OR 36" X .000000000000000001301042606982616803817900183327055506171875" OR 36" X .0000000000000000006505213034913084019089500916635277530859375" OR 36" X .00000000000000000032526065174565420095447504583176387654296875" OR 36" X .000000000000000000162630325872827100477237522915881938271484375" OR 36" X .0000000000000000000813151629364135502386187614579409691357421875" OR 36" X .00000000000000000004065758146820677511930938072897048456787109375" OR 36" X .00000000000000000002032879073410338755965469036448524228393546875" OR 36" X .000000000000000000010164395367051693779827345182242621141967734375" OR 36" X .000000000000000000005082197683525846889913672591122310570933671875" OR 36" X .0000000000000000000025410988417629234444956862955611528545168359375" OR 36" X .00000000000000000000127054942088146117224784314777805764272841796875" OR 36" X .000000000000000000000635274710440730586123921573889028821364208984375" OR 36" X .0000000000000000000003176373552203652930619607869445144106821044921875" OR 36" X .00000000000000000000015881867761018264653098039347225720534105224609375" OR 36" X .000000000000000000000079409338805091323265490196736128602670511223046875" OR 36" X .0000000000000000000000397046694025456616277450983680643013352561115234375" OR 36" X .00000000000000000000001985233470127283081388750491680321506762805576171875" OR 36" X .000000000000000000000009926167350636415406943752458401607533814027880859375" OR 36" X .0000000000000000000000049630836753182077034718762292008037669070139404296875" OR 36" X .00000000000000000000000248154183765910385173593811460040188345350697021484375" OR

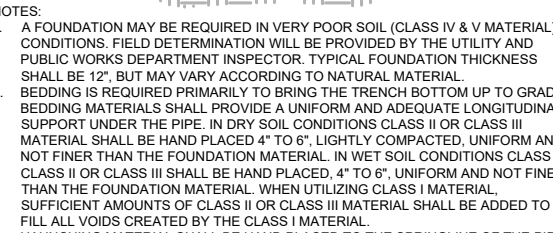
[illegible]

NOT TO SCALE

NOTE:
SAMPLES WILL NOT BE COLLECTED UNDER UNSAFE
CONDITION INCLUDING SAMPLE POINTS BELOW GRADE,
UNSTABLE SOIL, POOLED WATER GREATER THAN AN INCH
DEPTH. SAMPLES WILL NOT BE COLLECTED UNDER RAIN OR
WET CONDITIONS. HOSE CONNECTIONS ARE NOT ALLOWED.

SAMPLE POINT ASSEMBLY
NOT TO SCALE

NOT TO SCALE



NOT TO SCALE

NOT TO SCALE



NOT TO SCALE

NOT TO SCALE



SCOPE

SCOPE

- ## PROTECTION OF PROPERTY AND OBSTRUCTIONS

TRENCH PREPARATION

- ## HANDLING AND CUTTING PIPE

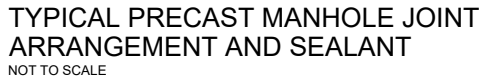
1. EVERY CARE SHALL BE TAKEN IN HANDLING AND LAYING PIPE AND FITTINGS TO AVOID DAMAGING THE PIPE, SCRATCHING OR MARRING MACHINED SURFACES, AND ABRASION OF THE PIPE COATING.
2. LINED PIPE OR FITTINGS MUST BE HANDLED ONLY FROM THE OUTSIDE OF THE PIPE AND FITTINGS, NO FORKS, CHAINS, STRAPS, HOOKS, ETC. SHALL BE PLACED INSIDE THE PIPE AND FITTINGS FOR LIFTING, POSITIONING, OR
3. DURING INSTALLATION OF THE MANHOLE THE PIT SHALL REMAIN DRY AND ACCORDANCE WITH THE MATERIALS INDICATED IN THE MATERIALS SPECIFICATION SHALL BE MAINTAINED.
4. PRECAST BASE SECTIONS WITHOUT A BOTTOM SHALL BE INSTALLED IN MUD CONCRETE. HAND MIXING OF CONCRETE AT THE JOB SITE SHALL NOT BE USED.

GRAVITY COLLECTION SYSTEM

19. NOTE: BEFORE BACKFILLING IS COMPLETE, CONTRACTOR SHALL COORDINATE WITH THE CITY INSPECTOR FOR A VISUAL INSPECTION TO CONFIRM PROPER GRADE PER THE CONSTRUCTION DETAILS AND DRAWINGS ON MAINLINE, WYES, AND LATERALS AND FOR PROPER BACKFILL (SEE CONTRACTOR RESPONSIBILITIES).

MANHOLES

1. MANHOLES SHALL BE CONSTRUCTED AT THE LOCATION SHOWN ON THE DRAWINGS. THE MANHOLES MAY BE EITHER CONSTRUCTED OF BRICKS AND MORTAR OR PRECAST CONCRETE SECTIONS. ALL PRECAST MANHOLE SECTIONS SHALL CONFORM TO A S.T.M. SPECIFICATION C 478-73 OR LATEST REVISION. MANHOLE SECTIONS SHALL BE JOINED AND SEALED WITH "TRANSNIX" SEALER.
2. DURING INSTALLATION OF THE MANHOLE THE PIT SHALL REMAIN DRY. ALL MATERIALS INSTALLED SHALL BE IN ACCORDANCE WITH THE MATERIALS INDICATED IN THE MATERIALS SCHEDULE.
3. PRECAST BASE SECTIONS WITHOUT A BOTTOM SHALL BE INSTALLED INTO A MINIMUM OF 2.00 PSI @ 28 DAYS READY MIX CONCRETE. HAND MIXING OF CONCRETE AT THE JOB SITE SHALL NOT BE PERMITTED. FORM BORDERS SHALL



NOT TO SCALE

- ## PAVING, CURB, GUTTER, AND WALKWAY WORK

WHEN OPEN DITCH CONSTRUCTION OF PIPE BENEATH PAVING IS PERMITTED, THE PAVEMENT DRIVEWAY AND WALKWAY SHALL BE REMOVED TO NEAT LINES OF A SUFFICIENT WIDTH

- FINAL ACCEPTANCE

RESULT OF THE JOB SHALL BE REMOVED FROM THE JOB SITE. ANY DEPRESSING BACKFILLED TRENCHES SHALL BE REPELLED, ANY FEEDING AND MULCHING OF

- [illegible]



NOT TO SCALE



NOT TO SCALE



- PVC (SDR-35) WYES ARE ACCEPTABLE. PVC (SDR-35) T

STANDARD TEES ARE UNACCEPTABLE
LEAN-OUTS SHALL BE INSTALLED 3' ABOVE GRADE FOR SINGLE

FAMILY RESIDENTS
HERE CLEARLY

- HERE CLEAN-OUT IS WITHIN SIDEWALK, IT MUST BE INSTALLED FLUSH WITH SURFACE OF SIDEWALK WITH A TRAFFIC LOAD BEARING COVER. UMBER SHALL NOT CONNECT TO CLEANOUT STANDPIPE.

ASTEWATER SERVICE LATERAL

TO SCALE



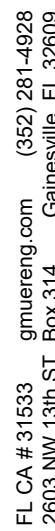
- TO CORREL



- NOTES

BEDDING OF CLASS I, II, OR III MATERIAL SHALL BE REQUIRED WHEN THE MANHOLE BOTTOM CANNOT BE INSTALLED ON UNDISTURBED

OIL OR IF THE



DESIGN :	C.A. GUMER, PE	TBD
QUALITY CONTROL :	C.A. GUMER, PE	TBD
LAKE CITY APP #		TBD
SRRWMD APP #		TBD
"DOT DRIVEWAY #		TBD
"DOT DRAINAGE #		TBD
"DOT UTILITY #		TBD
SEEng PROJECT #		17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

UTILITY DETAILS

C-321

