

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

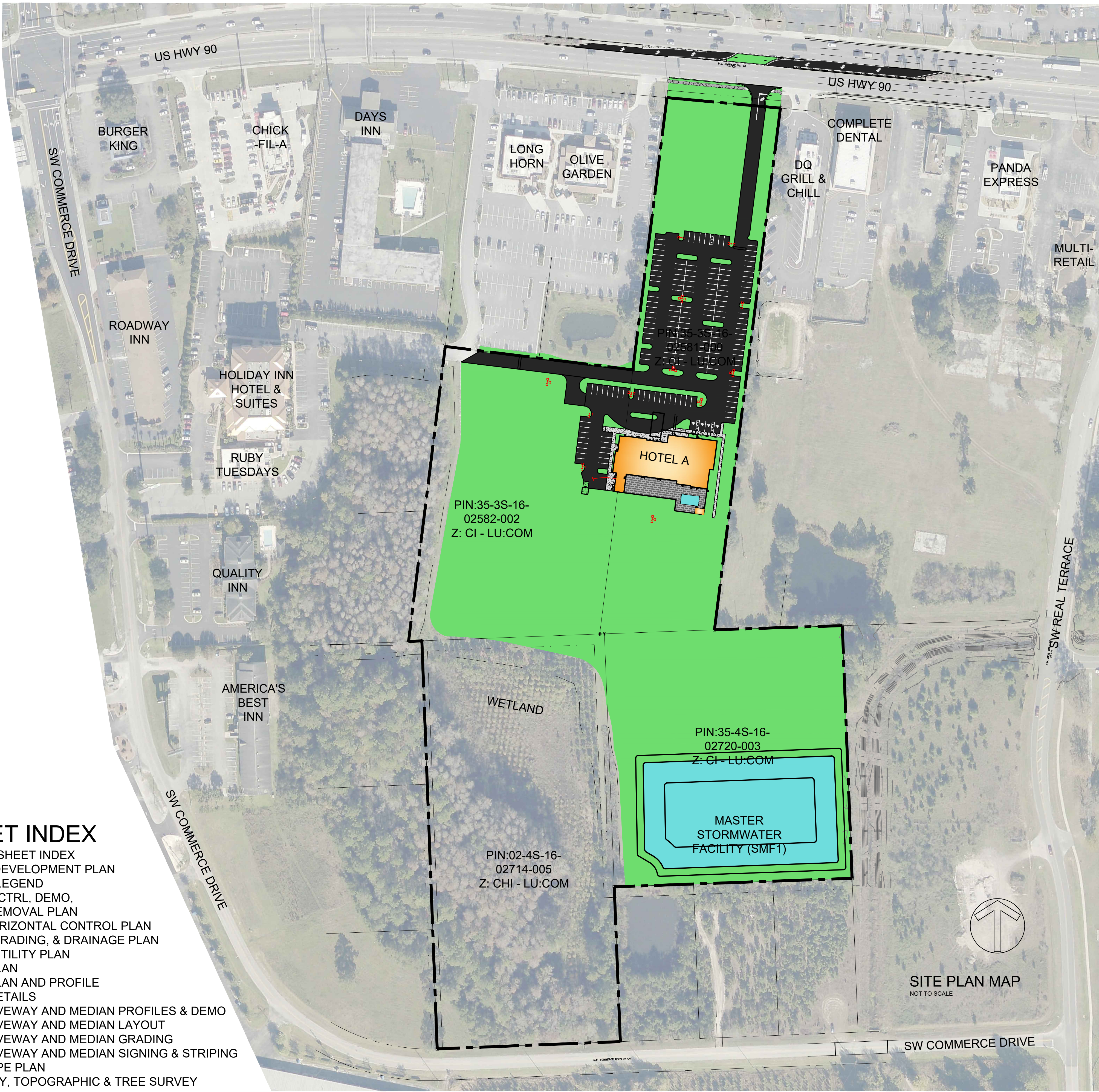
SEE INDIVIDUAL SHEETS FOR APPLICABLE ADDITIONAL NOTES

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	PROPOSED: 24"
MIN CURB DIST FROM PROP LINE 4.2.3.3.4	25' FROM INTERSECTION ROW, 5' FROM PROPERTY LINE
CURB BREAK FDOT 4.2.3.4.2	PROPOSED: GREATER THAN 25' AND 30' FROM PROPERTY LINES
TRASH 4.2.6.5	3' FROM PROP LINE
LANDSCAPE BUFFER 4.2.15.1.1	PROPOSED: 11'
LIGHTING 4.2.15.2.4	PROPOSED: 11'
REQUIRED	PROPOSED: 11'
PARKING SPACE SIZE 4.2.15.4	PROPOSED: 11'
DRIVE ISLE WIDTH 4.2.15.4	PROPOSED: 11'
HANDICAP SPACE 4.2.15.5	PROPOSED: 11'
PARKING SPACE ROUNDING 4.2.15.8	PROPOSED: 11'
OFF-STREET LOADING SPACE SIZE 4.2.15.12	PROPOSED: 11'
QUANTITY OF LOADING SPACES 4.2.15.15	PROPOSED: 11'
MIN PARKING 4.12.11	PROPOSED: 11'
USE 4.12.2	PROPOSED: 11'
FRONT SETBACK 4.13.7.1.1	PROPOSED: 11'
SIDE SETBACK 4.13.7.1.1	PROPOSED: 11'
REAR SETBACK 4.13.7.1.1	PROPOSED: 11'
FLOOR AREA RATIO 4.13.9	PROPOSED: 11'
MIN LANDSCAPE BUFFER 4.13.10	PROPOSED: 11'
FRONT PARKING BUFFER 4.13.7.1	PROPOSED: 11'
WETLAND SETBACK 4.13.7.1	PROPOSED: 11'
PERFORMANCE STANDARDS 4.2.18	PROPOSED: 11'
SRWMD WETLAND BUFFER	PROPOSED: 11'
FDOP - NPDES	PROPOSED: 11'

SHEET INDEX

C-000	COVER & SHEET INDEX
C-001	MASTER DEVELOPMENT PLAN
C-010	NOTES & LEGEND
C-051 to C-054	EROSION CTRL, DEMO, & TREE REMOVAL PLAN
C-101 to C-106	SITE & HORIZONTAL CONTROL PLAN
C-201 to C-206	PAVING, GRADING, & DRAINAGE PLAN
C-300	MASTER UTILITY PLAN
C-301 to C-304	UTILITY PLAN
C-310 to C-311	UTILITY PLAN AND PROFILE
C-320 to C-321	UTILITY DETAILS
C-400 to C-401	FDOT DRIVEWAY AND MEDIAN PROFILES & DEMO
C-410 to C-411	FDOT DRIVEWAY AND MEDIAN LAYOUT
C-420 to C-421	FDOT DRIVEWAY AND MEDIAN GRADING
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 FDOT DRIVEWAY RESUBMITTAL
2018-12-14 60% ADDING ADJACENT OPERATIONS
2018-12-15 100% PLAN FOR REVISED LAYOUT
2019-01-26 APPROVED LAKE CITY SITE ZONING, SRWMD ERP

PERMITTING / DESIGN REVISIONS:
2017-10-10 ENVIRONMENTAL SUBMITTAL
2017-08-18 LAKE CITY INITIAL SUBMITTAL
2017-08-26 FDOT DIRECTIONAL MEDIAN OPENING
2017-08-26 FDOT DRIVEWAY SUBMITTAL
2017-10-31 SRWMD RESUBMITTAL
2018-01-15 FDOT DRIVEWAY RESUBMITTAL
2018-01-15 60% ADDING ADJACENT OPERATIONS
2018-12-14 60% PLAN FOR REVISED LAYOUT
2018-12-15 100% PLAN FOR REVISED LAYOUT
2019-01-26 APPROVED LAKE CITY SITE ZONING, SRWMD ERP

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

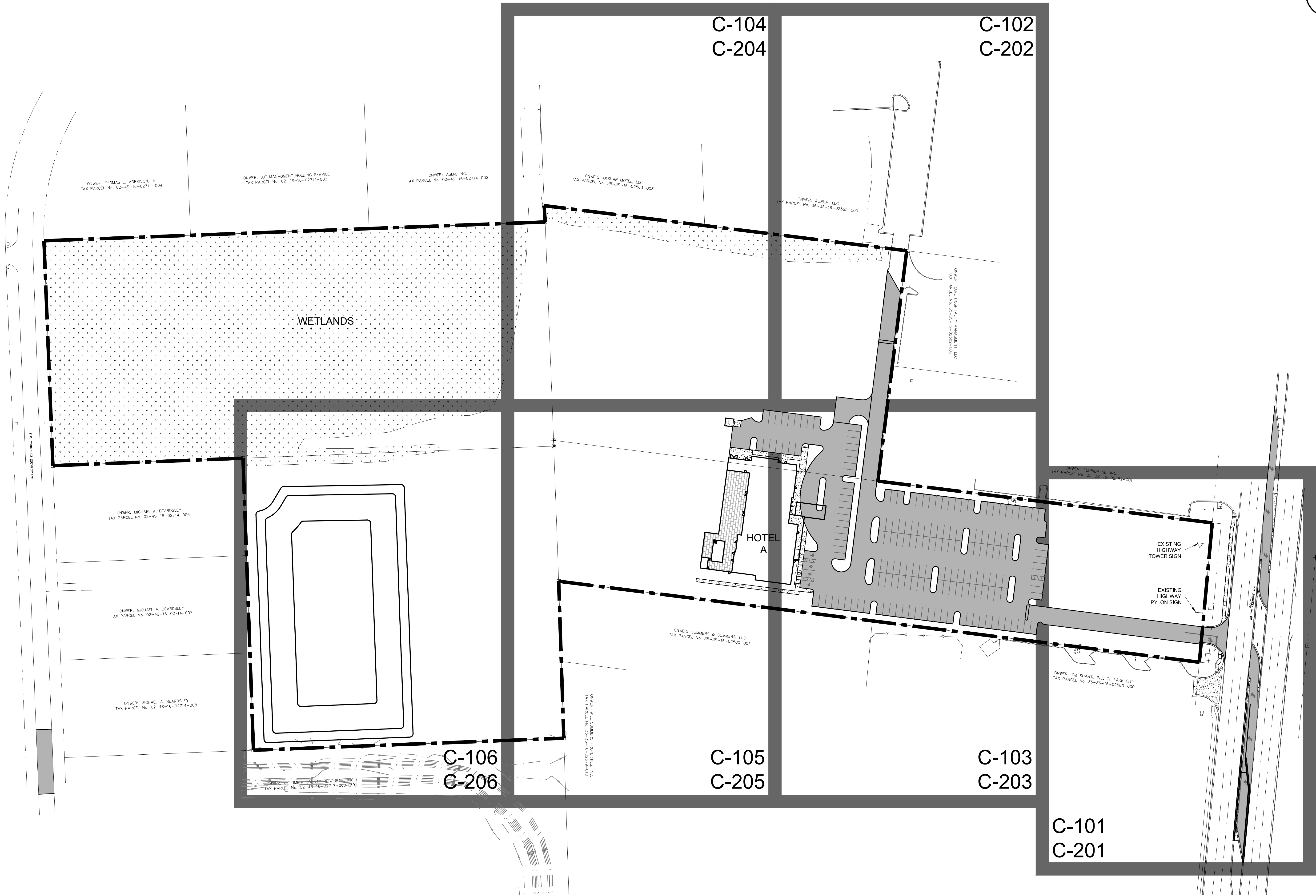
Gmuer
ENGINEERING
FL CA # 31533 gmuereng.com (352) 281-4828
2603 NW 13th St, Box 314 Gainesville, FL 32609

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 & 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 2018-06-21 100% PLANS FOR PHASE 1 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS 2018-12-06 ADDING ADJACENT PROPERTY 2018-01-15 ADDING UTILITY ENCLOSURE / KEEP SIGNS	
PERMITTING / DESIGN REVISIONS: 2017-10-30 ENVIRONMENTAL SUBMITTAL 2017-07-20 ENVIRONMENTAL SUBMITTAL 2017-06-18 LAKE CITY INITIAL SUBMITTAL 2017-06-26 FOOT DIRECTIONAL MEDIAN OPENING 2017-06-26 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 STRUCTURE IS RETURNED TO THE OPERATIONAL FUNCTIONS REQUIRED 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 62-330.301(1)(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 80% 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 ADAPTIVE
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
2017-08-26 FOOT DRIVEWAY\ DRAINAGE & UTILITY
2017-09-26 FOOT DRIVEWAY\ DRAINAGE & UTILITY
2017-10-23 FOOT DRIVEWAY SUBMITTAL
2017-10-31 SRWMD RESUBMITTAL
2018-01-15 FOOT DRIVEWAY PRESENTATION
2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT

ENGINEER OF RECORD:
CHRISTOPHER A. G穆IER
P.E. # 71599
2019-01-26

MORHEUS GROUP, LLC
C.A. G穆IER, P.E.
C.A. G穆IER, P.E.

DESIGN
QUALITY CONTROL:
LAKE CITY APP #
TBD
TBD
TBD
TBD
TBD
TBD

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

NOTES AND
LEGEND

C-010

CLIENT:
DESIGN
QUALITY CONTROL:
LAKE CITY APP #
TBD
TBD
TBD
TBD
TBD
TBD

GEI# PROJECT #
17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

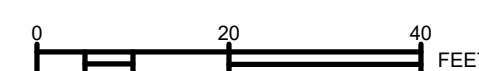
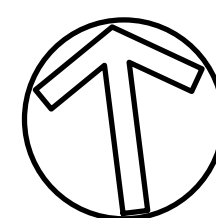
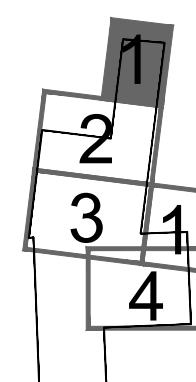
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LEGEND

C-010

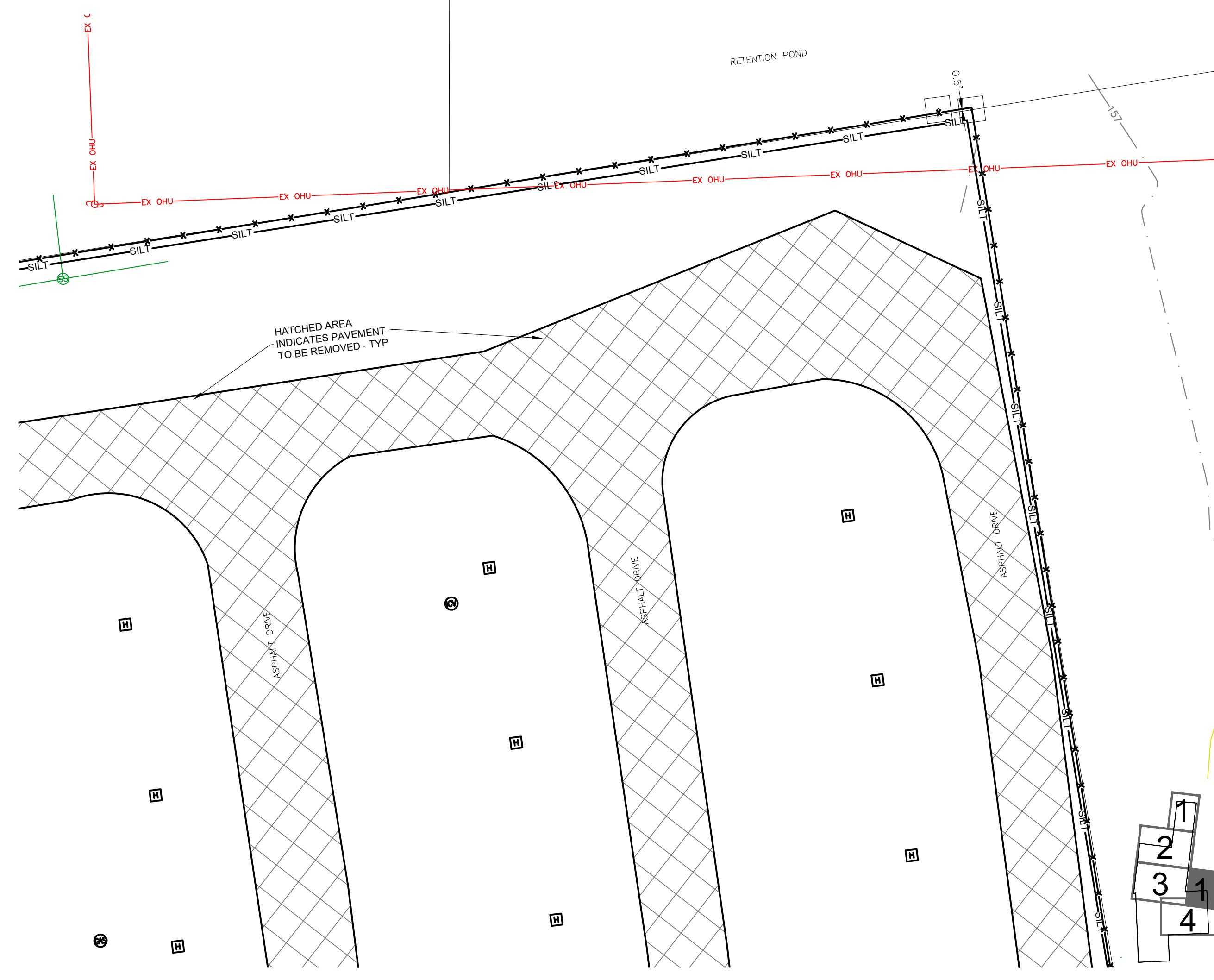
LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

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
- 2018-07-01-02% REVISION TO SHAKE THOSE 1 UTILITIES
- 2018-08-01-01 100% PLANS FOR BASE 1
- 2018-10-10-10% PLANS FOR LAKESIDE COMMENTS
- 2018-18-12-08 ADDING ADJACENT PROPERTY
- 2018-01-01-25 ADDING DUMPLSTER ENCLOSURE / KEEP SIGNS

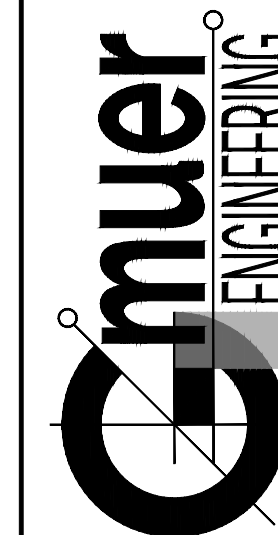
PERMITTING / DESIGN REVISIONS:

- 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING
- 2017-07-24 SRWMD INITIAL SUBMITTAL
- 2017-08-24 SRWMD INITIAL SUBMITTAL
- 2017-09-26 FOR FORD TIRECTIONAL MEDIAN OPENING
- 2017-10-26 PLANS FOR LAKE CITY BOARD APPROVAL
- 2017-10-23 FORD DRIVEWAY SUBMITTAL
- 2017-10-31 SRWMD RESUBMITTAL
- 2018-01-15 FORD 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-

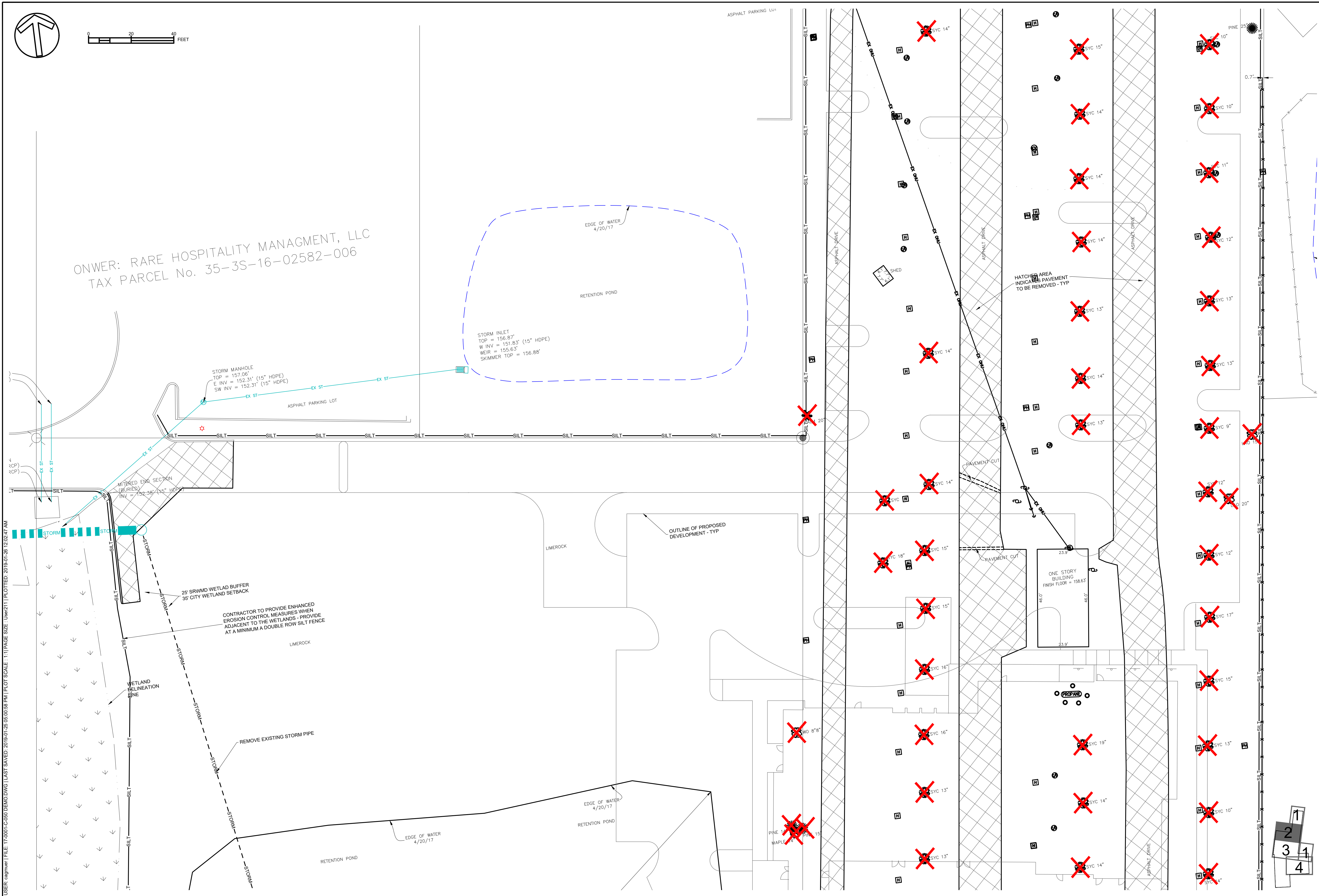


FL CA # 31533 gmuereng.com (352) 281-4928
2603 NW 13th ST Box 314 Gainesville FL 32609

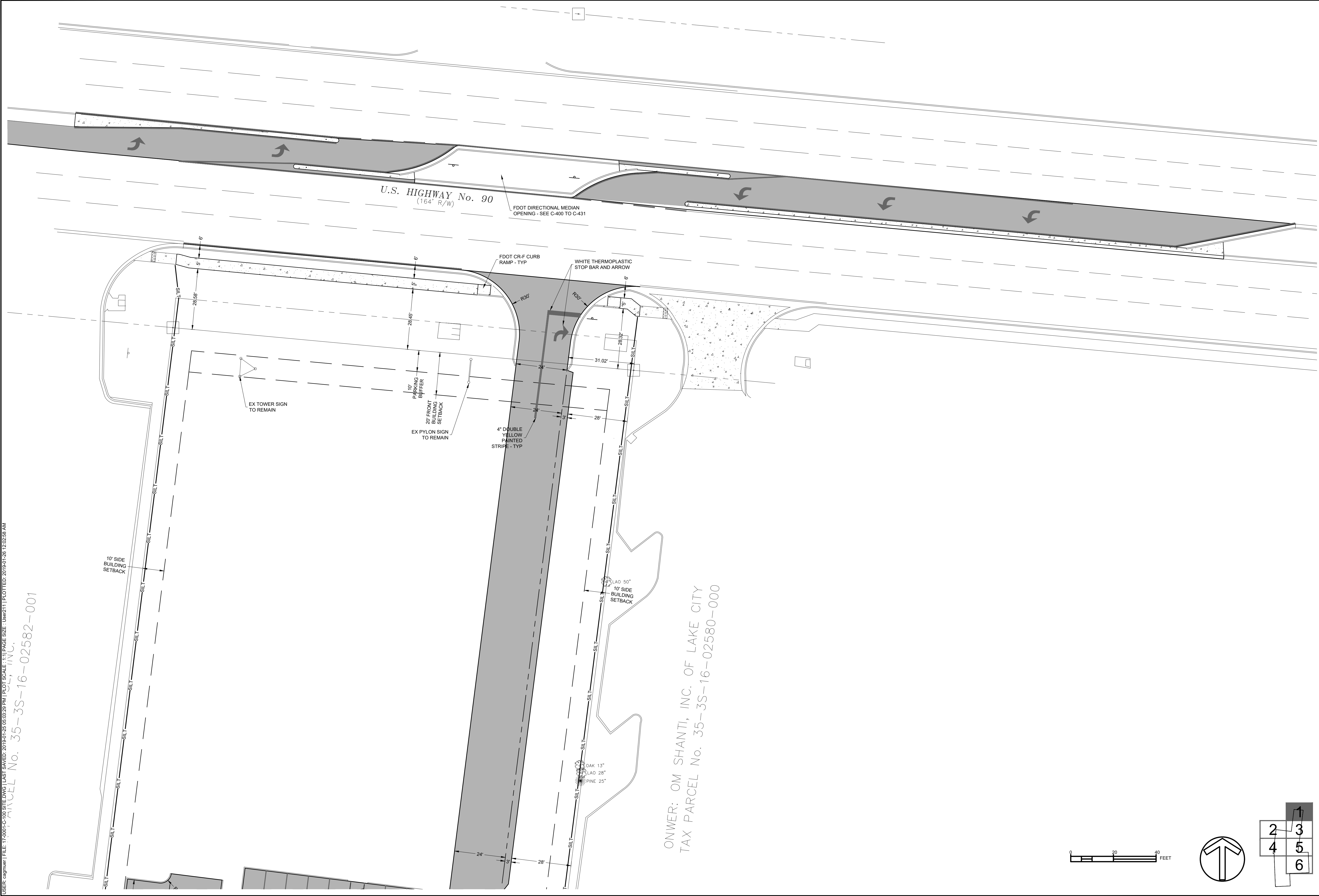
CLIENT :	MORPHEUS GROUP, LLC
DESIGN :	C.A. GMIER, PE
QUALITY CONTROL :	C.A. GMIER, PE
LAKE CITY APP #	TBD
SRRWMD APP #	TBD
FDOT DRIVEWAY #	TBD
FDOT DRAINAGE #	TBD
FDOT UTILITY #	TBD
SEing PROJECT #	17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

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

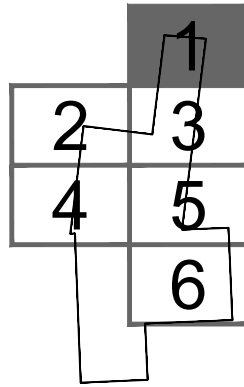
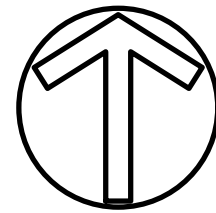


LAKE CITY HOTELS AT 3004 W US 90 PHASE 1 EROSION CONTROL, DEMOLITION, & TREE REMOVAL PLAN C-052	<table border="1"> <tr> <td data-bbox="2771 302 2789 750"> CLIENT : MORPHEUS GROUP, LLC </td><td data-bbox="2771 750 2789 1735">  FL CA # 31553 gmuering.com (352) 281-4828 2603 NW 13th St, Box 314 Gainesville, FL 32609 </td></tr> <tr> <td data-bbox="2789 302 2807 750"> DESIGN : CA G穆ER, PE </td><td data-bbox="2789 750 2807 1735"> QUALITY CONTROL : CA G穆ER, PE </td></tr> <tr> <td data-bbox="2807 302 2823 750"> LAKE CITY APP # </td><td data-bbox="2807 750 2823 1735"> TBD </td></tr> <tr> <td data-bbox="2823 302 2841 750"> SRWMD APP # </td><td data-bbox="2823 750 2841 1735"> TBD </td></tr> <tr> <td data-bbox="2841 302 2859 750"> FOOT DRIVEWAY # </td><td data-bbox="2841 750 2859 1735"> TBD </td></tr> <tr> <td data-bbox="2859 302 2878 750"> FOOT UTILITY # </td><td data-bbox="2859 750 2878 1735"> TBD </td></tr> <tr> <td data-bbox="2878 302 2902 750"> GEW PROJECT # </td><td data-bbox="2878 750 2902 1735"> 17-0001 </td></tr> </table>	CLIENT : MORPHEUS GROUP, LLC	 FL CA # 31553 gmuering.com (352) 281-4828 2603 NW 13th St, Box 314 Gainesville, FL 32609	DESIGN : CA G穆ER, PE	QUALITY CONTROL : CA G穆ER, PE	LAKE CITY APP #	TBD	SRWMD APP #	TBD	FOOT DRIVEWAY #	TBD	FOOT UTILITY #	TBD	GEW PROJECT #	17-0001
CLIENT : MORPHEUS GROUP, LLC	 FL CA # 31553 gmuering.com (352) 281-4828 2603 NW 13th St, Box 314 Gainesville, FL 32609														
DESIGN : CA G穆ER, PE	QUALITY CONTROL : CA G穆ER, PE														
LAKE CITY APP #	TBD														
SRWMD APP #	TBD														
FOOT DRIVEWAY #	TBD														
FOOT UTILITY #	TBD														
GEW PROJECT #	17-0001														
WATING: FOOT DRIVEWAYS, DRAINAGE & UTILITY, COUNTY UTILITY ROW	PERMITTING / DESIGN REVISIONS : 2017-07-01 SRWMD INITIAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-09-01 SRWMD INITIAL SUBMITTAL 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL 2017-10-25 FOOT DRIVEWAY SUBMITTAL 2017-11-01 SRWMD INITIAL SUBMITTAL 2018-01-15 FOOT DRIVEWAY RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISION LAYOUT PERMITTING STATUS: APPROVED: LAKE CITY SITE ZONING, SRWMD ERP 2018-01-26														



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

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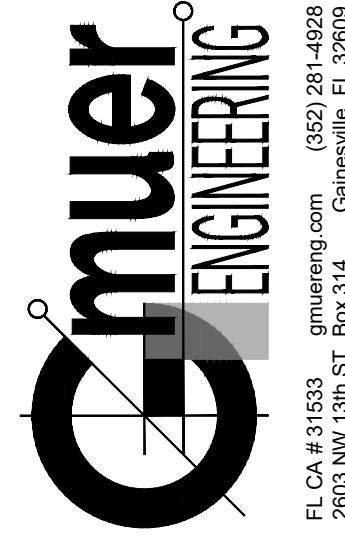


LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

SITE AND
HORIZONTAL
CONTROL PLAN

C-101

CLIENT: MORPHEUS GROUP, LLC
DESIGN: CA. GMAER, PE
QUALITY CONTROL: CA. GMAER, PE
LAKE CITY APP # TBD
LAKE CITY PERM # TBD
FOOT DRIVEWAY # TBD
FOOT UTILITY # TBD
GEIG PROJECT # 17-0001

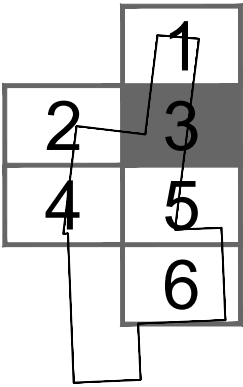
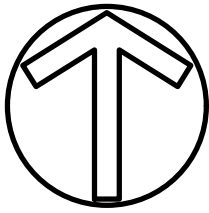
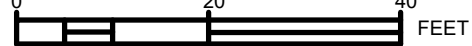
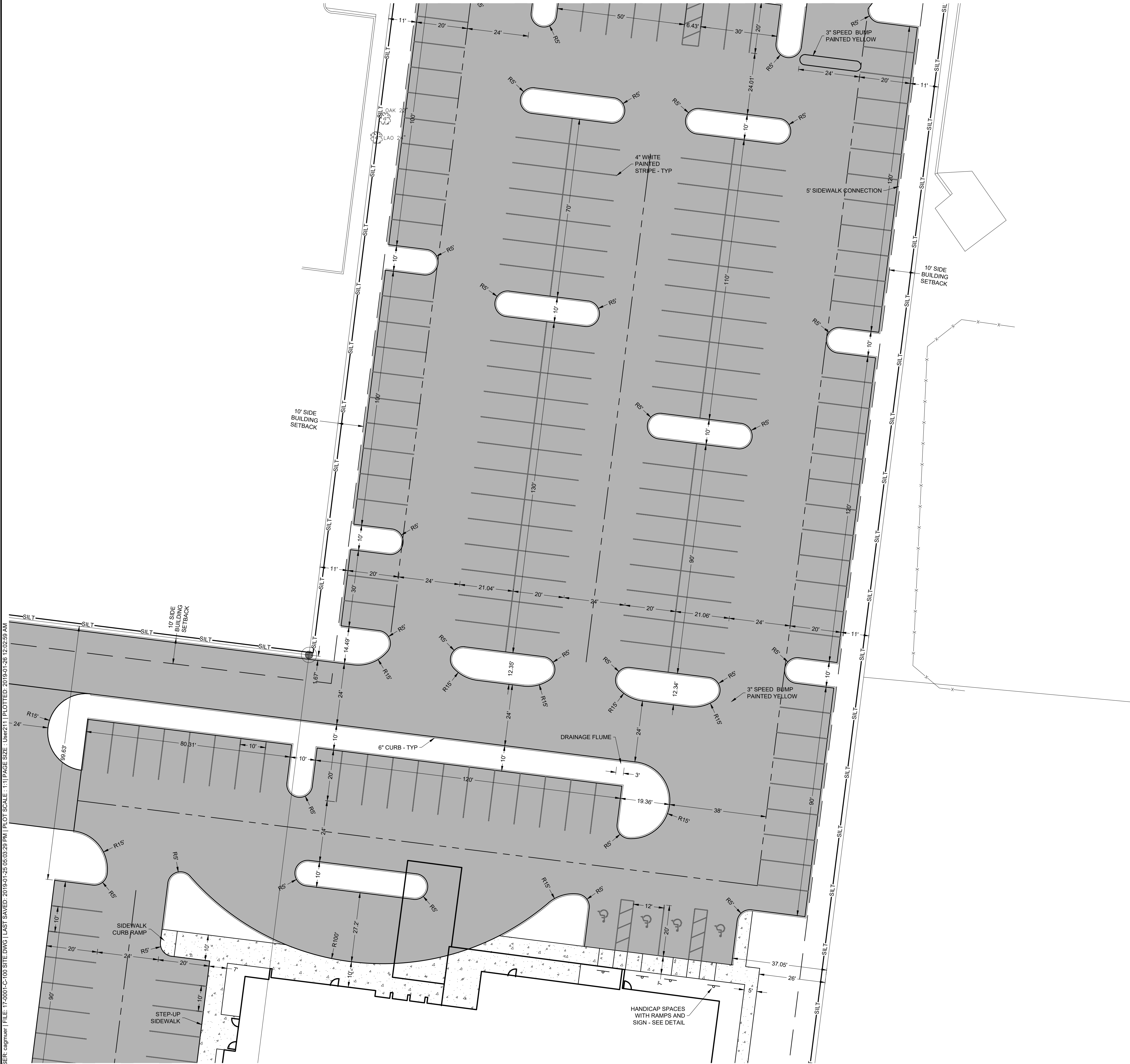


ENGINEER OF RECORD:
CHRISTOPHER A. GMAER
FL PE # 71599
2019-01-26

PERMITTING / DESIGN REVISIONS:
2017-10-10 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
2018-01-15 FOOT DRIVEWAY RESUBMITTAL
2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT
PERMITTING STATUS:
APPROVED, LAKE CITY SITE ZONING, SRWMD ERP

WAITING: FOOT DRIVEWAY & UTILITY, COUNTY UTILITY ROW
CONSTRUCTION:
2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
2018-06-06 60% REVISION TO SHOW PHASE 1 ONLY
2018-06-06 60% REVISION TO SHOW PHASE 1 UTILITIES
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 SIGN ENCLOSURE / KEEP SIGNS

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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
2018-01-26 ADDED UNIFORM ENCLASURE / 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
PERMITTING STATUS:
APPROVED: LAKE CITY SITE ZONING, SRWMD ERP

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

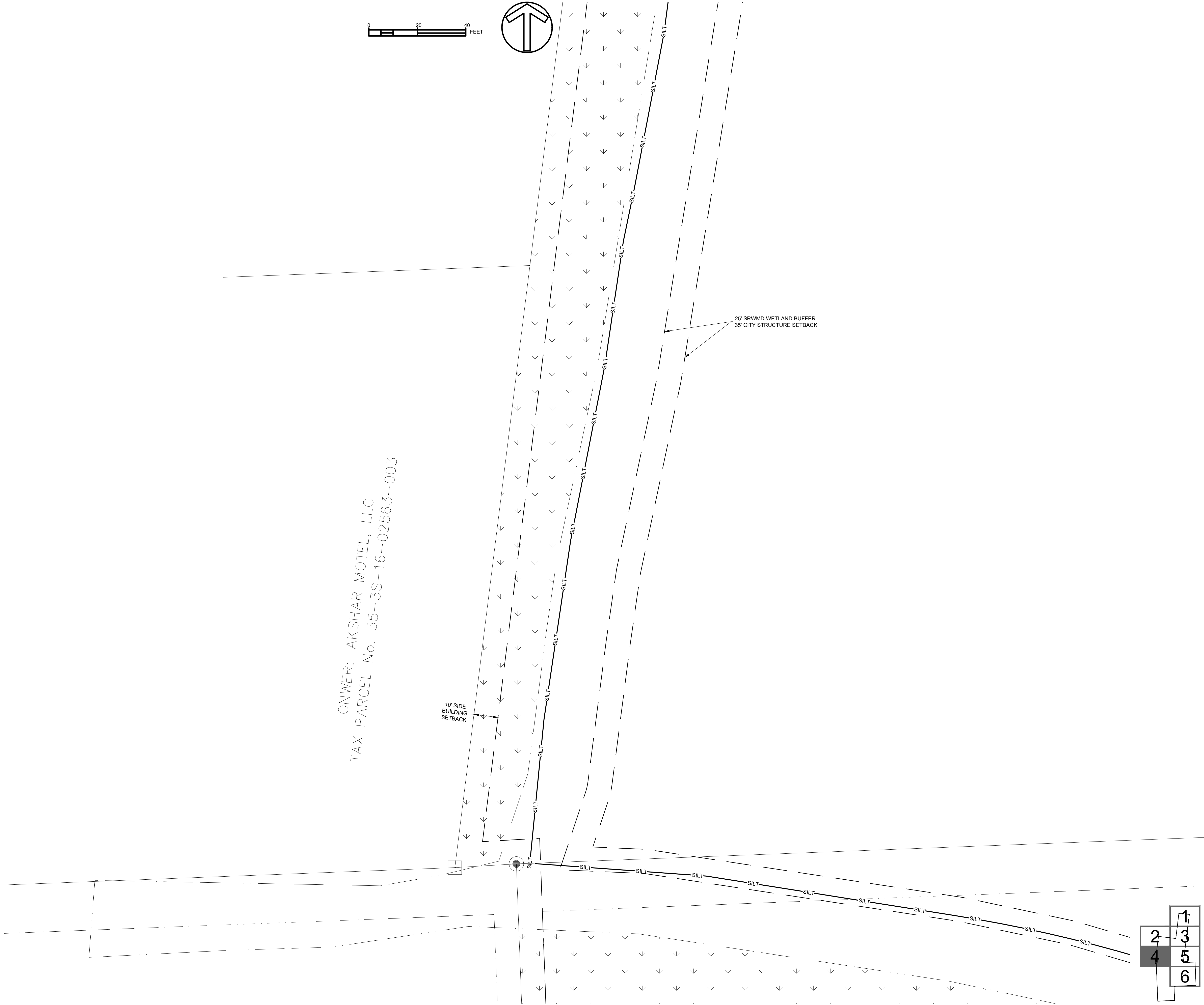
Gmuer ENGINEERING
FL CA # 31533 gmuereng.com (352) 281-4928
2803 NW 13th St, Box 314 Gainesville, FL 32609

CLIENT: MORPHEUS GROUP, LLC
DESIGN: C.A. GMUER, PE
QUALITY CONTROL: C.A. GMUER, PE
LAKE CITY APP # TBD
LAKE CITY DRIVEWAY # TBD
FOOT DRIVEWAY # TBD
FOOT UTILITY # TBD
GEIGY 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

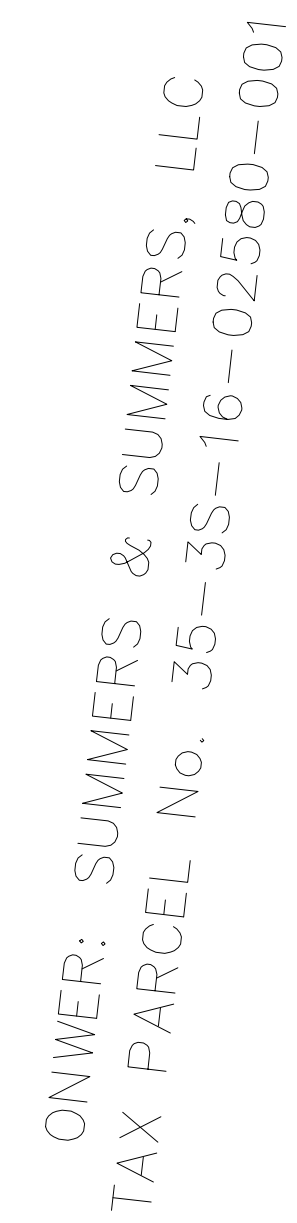
CLIENT : MORPHEUS GROUP, LLC
DESIGN : CA. G穆ER, PE
QUALITY CONTROL : CA. G穆ER, PE
LAKE CITY APP # : TBD
FOOT DRIVEWAY # : TBD
FOOT DRAINAGE # : TBD
FOOT UTILITY # : TBD
GEI# PROJECT # : 17-0001

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

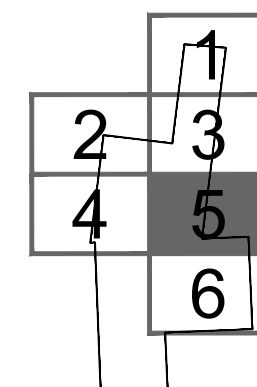
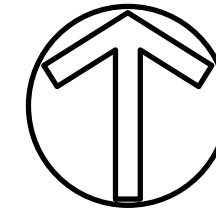
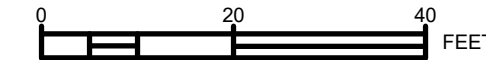
ENGINEER OF RECORD :
CHRISTOPHER A. G穆ER
FL PE # 71599
2019-01-26

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
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
2018-06-05 60% REVISION TO SHOW PHASE 1 UTILITIES
2018-06-21 100% PLANS FOR PHASE 1
2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
2018-10-10 ADDING ADJACENT PROPERTY
2018-10-10 ADDING ADJACENT PROPERTY
2018-10-10 ADDING ADJACENT PROPERTY / KEEP SIGNS



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

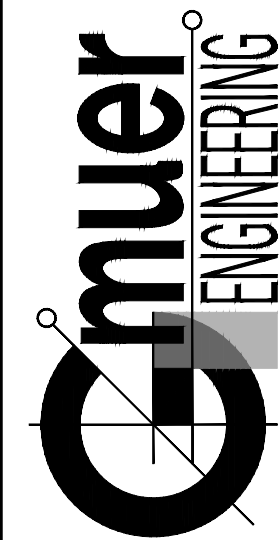


LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

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

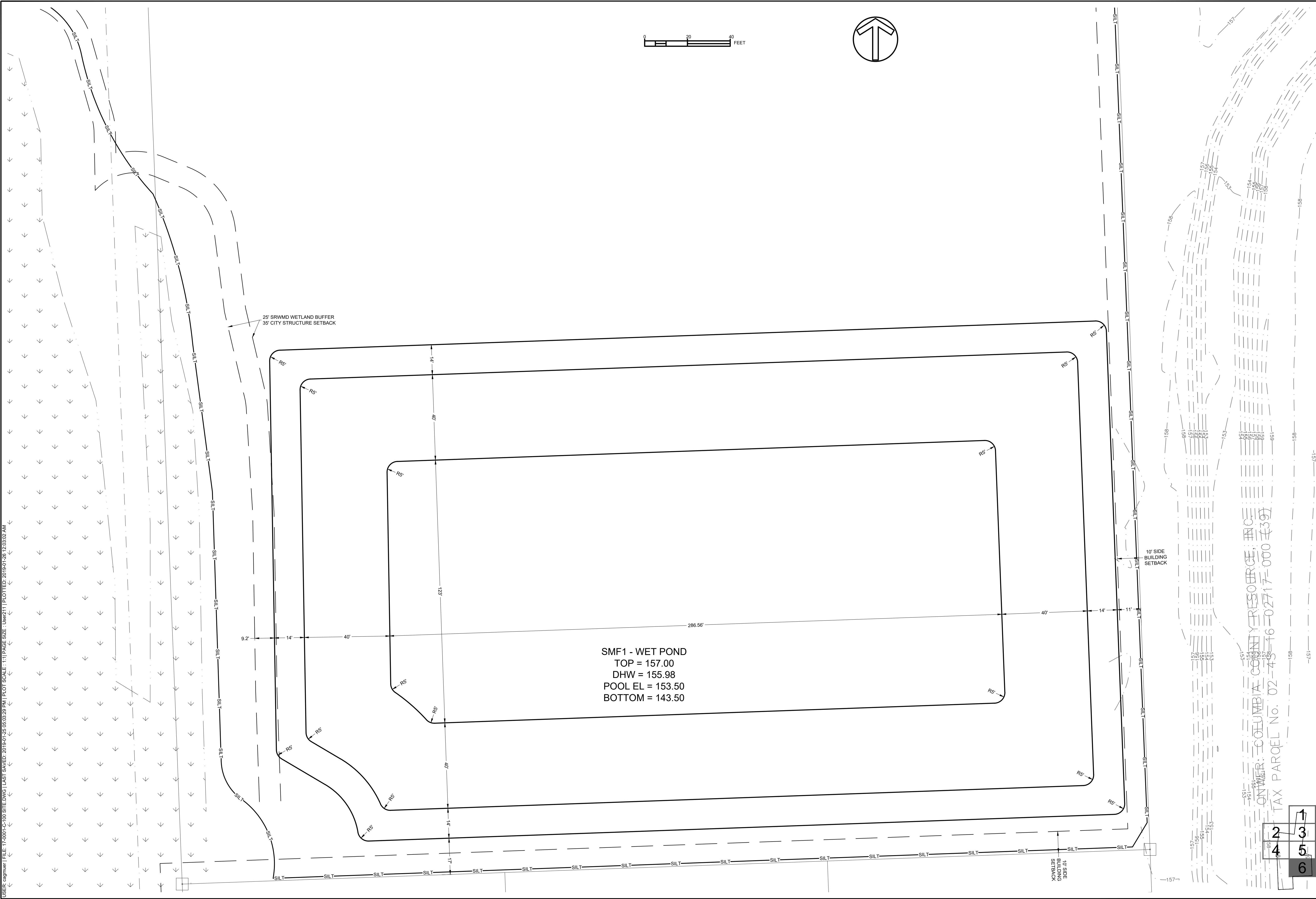
PERMITTING / DESIGN REVIEWS:

- 2017-07-20 FINAL DESIGN FOR INITIAL PERMITTING
- 2017-07-21 SRWMD INITIAL SUBMITTAL
- 2017-08-18 LAKE CITY INITIAL SUBMITTAL
- 2017-09-26 LAKE CITY DIRECTIONAL MEDIAN OPENING
- 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL
- 2017-10-23 FORT DRIVEWAY SUBMITTAL
- 2017-10-31 SRWMD RESUBMITTAL
- 2017-11-14 COORDINATE SUBMITTAL
- 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
2018-06-05 60% RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
2018-07-25 60% REVISION TO SHOW PHASE 1 ONLY
2018-07-25 90% REVISION TO SHOW PHASE 1 UTILITIES
2018-08-21 100% PLANS FOR PHASE 1
2018-08-21 100% PLANS FOR PHASE 1, CITY COMMENTS
2018-12-06 ADDING ADJACENT PROPERTY
2018-01-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS

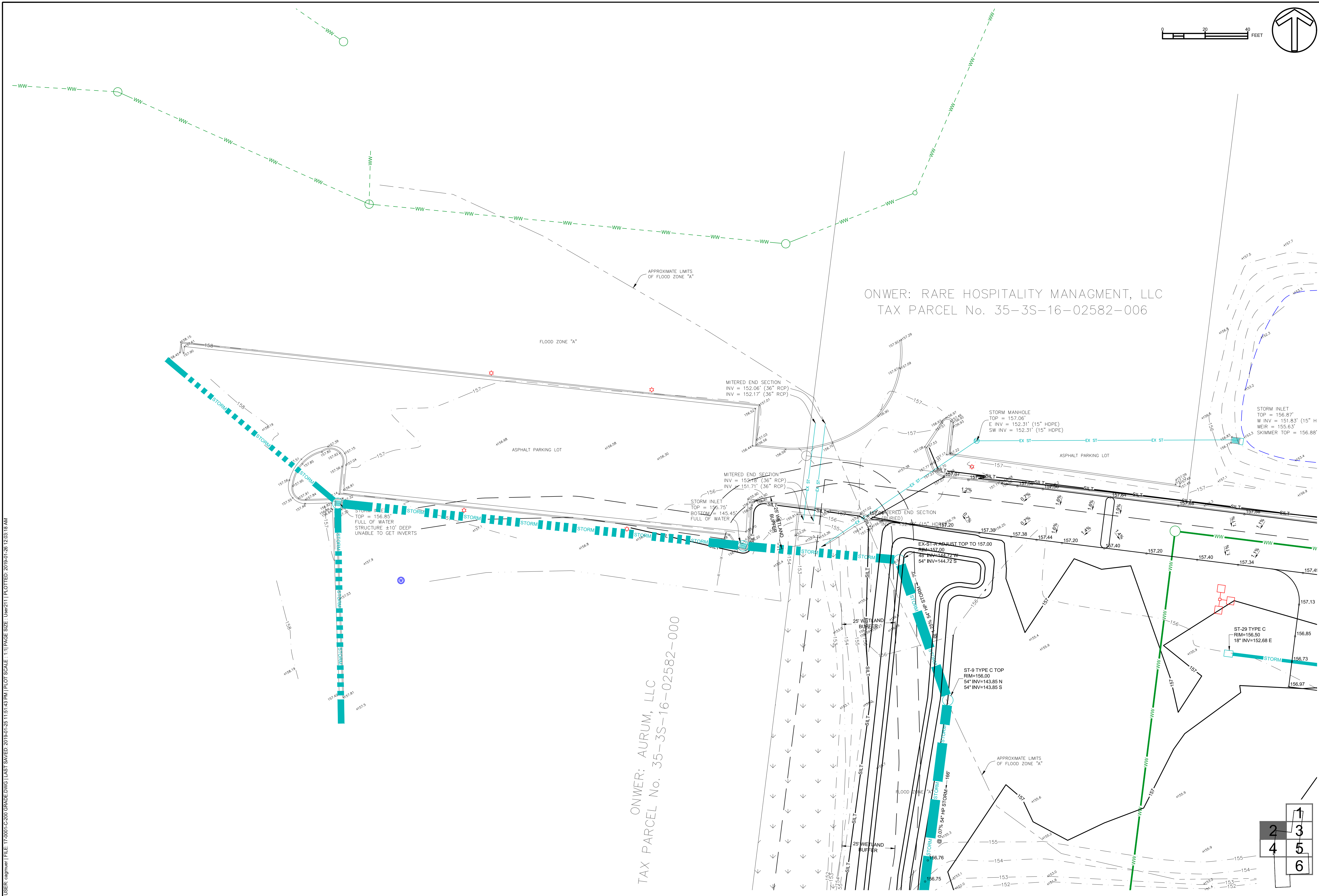
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OWNER: COLUMBIA COUNTY RESOURCE, INC.
TAX PARCEL No. 02-43-16-02717-000 (39)

1
2 3
4 5
6

LAKE CITY HOTELS AT 3004 W US 90 PHASE 1		SITE AND HORIZONTAL CONTROL PLAN		C-106	
CLIENT : DESIGN : QUALITY CONTROL : LAKE CITY APP # SRWMD PROJECT # FOOT DRIVEWAY # FOOT UTILITY #		MORPHEUS GROUP, LLC C.A. G穆ER, P.E. C.A. G穆ER, P.E. TBD TBD TBD TBD		ENGINEER OF RECORD : CHRISTOPHER A. G穆ER FL PE # 71599 2019-01-26	
PERMITTING / DESIGN REVISIONS : 2017-10-10 SRWMD DESIGN SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-08-26 FOOT DIRECTIONAL MEDIAN OPENING 2017-08-26 SRWMD DESIGN SUBMITTAL 2017-10-23 FOOT DRIVEWAY SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-01-15 FOOT DRIVEWAY RESUBMITTAL 2018-01-15 SRWMD RESUBMITTAL 2018-01-15 CONCEPT PLAN FOR REVISED LAYOUT		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 2018-10-10 ADDING ADJACENT OPERATOR 2018-11-15 ADDING ADJACENT OPERATOR 2018-11-15 ADDING ADJACENT OPERATOR		WAITING: FOOT DRIVEWAY & UTILITY, COUNTY UTILITY ROW	
FL CA # 31533 2503 NW 13th St, Box 314 Gainesville, FL 32609		G穆ER ENGINEERING		APPROVED: LAKE CITY SITE ZONING, SRWMD ERP	



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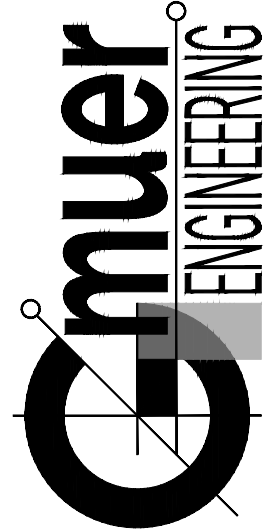
ONWER: AURUM, LLC
TAX PARCEL No. 35-3S-16-02582-000

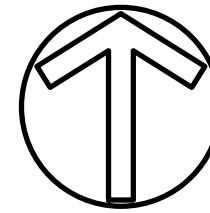
OWNER: RARE HOSPITALITY MANAGMENT, LLC
TAX PARCEL No. 35-3S-16-02582-006

LAKE CITY HOTELS AT 3004 W US 90 PHASE 1 PAVING, GRADING, & DRAINAGE PLAN C-202	CLIENT : DESIGN : QUALITY CONTROL : LAKE CITY, APP # SRWMD APP # FOOT DRIVEWAY # FOOT DRAINAGE # FOOT UTILITY # ENG PROJECT #	MORPHEUS GROUP, LLC C.A. GUMPER, PE C.A. GUMPER, PE TBD TBD TBD TBD TBD TBD 17-0001	 FL, CA # 91539 - gmunw.com (352) 281-4299 2503 NW 130 St, Box 314 Gainesville, FL 32609	PERMITTING / DESIGN REVISIONS : 2017-07-21 SRWMD INITIAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-09-26 PERFECTING MEDIA PERMITS 2017-10-03 LAKE CITY PERMITS APPROVAL 2017-10-23 FOOT DRIVEWAY SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT ENGINEER OF RECORD CHRISTOPHER A. GUMPER FL, PE # 71559 2019-01-25	PERMITTING / DESIGN REVISIONS : 2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION 2018-02-26 RELEASED FOR PHASE 1 CONSTRUCTION ONLY 2018-05-26 98% REVISION TO SHAKE 2018-08-21 100% REVISION TO SHAKE 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS 2018-11-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS WAITING: FOOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROW
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WAITING: FOOT DRIVEWAY & 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 2018-06-21 100% PLANS FOR PHASE 1 UTILITIES 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS 2018-12-13 ADDING ADJACENT OPERATOR 2018-12-13 ADDING ADJACENT OPERATOR / KEEP SIGNS	
PERMITTING / DESIGN REVISIONS: 2017-10-10 FINAL DESIGN 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 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT PERMITTING STATUS: SRWMD APPROVED APPROVED: LAKE CITY SITE ZONING, SRWMD ERP	
ENGINEER OF RECORD: CHRISTOPHER A. GMUER FL PE # 71599 2019-01-26	
 FL CA # 31533 gmuereng.com (352) 281-4928 2803 NW 13th St, Box 314 Gainesville, FL 32609	
CLIENT: MORPHEUS GROUP, LLC C.A. GMUER, PE C.A. GMUER, PE	DESIGN: QUALITY CONTROL: LAKE CITY APP # FOOT DRIVEWAY # FOOT UTILITY # GEO PROJECT #
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1	
PAVING, GRADING, & DRAINAGE PLAN C-203	



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

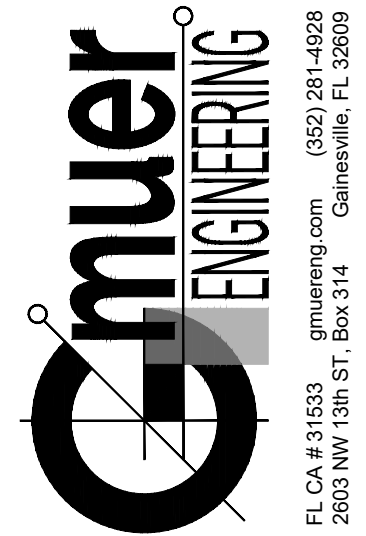


CONSTRUCTION :

- 2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
- 2018-06-05 60% REVISION TO SHOW PHASE 1 ONLY
- 2018-07-25 60% REVISION TO PHASE 1 UTILITIES
- 2018-08-05 60% REVISION TO PHASE 1 UTILITIES
- 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
- 2018-12-06 ADDED ADJACENT PROPERTY
- 2018-01-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS

PERMITTING / DESIGN REVISIONS:
 2017-07-10 ENVIRONMENTAL DESIGN FOR INITIAL PERMITTING
 2017-07-21 SRWMD SUBMITTAL
 2017-07-21 SRWMD SUBMITTAL
 2017-08-11 SRWMD SUBMITTAL
 2017-08-28 FOOT DIRECTIONAL MEDIAN OPENING
 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL
 2017-10-23 FOOT DRIVEWAY SUBMITTAL
 2017-10-31 SRWMD SUBMITTAL
 2018-01-15 FOOT DRIVEWAY RESUBMITTAL
 2018-05-14 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



MORPHEUS GROUP, LLC
C.A. GMUER, PE
C.A. GMUER, PE
TBD
TBD
TBD
TBD
TBD
17-0001

CLIENT :
DESIGN :
QUALITY CONTROL :
LAKE CITY APP #
SRWMD APP #
FDOT DRIVEWAY #
FDOT DRAINAGE #
FDOT UTILITY #
GEng PROJECT #

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

PAVING, GRADING, & DRAINAGE PLAN

C-204

CONSTRUCTION :

- 2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION
- 2018-03-05 50% REVISION TO PHASE 1 ONLY
- 2018-03-05 50% 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 DUMPSTER ENCLOSURE
- 2018-01-25 ADD ADJACENT PROPERTY / KEEP SIGNS

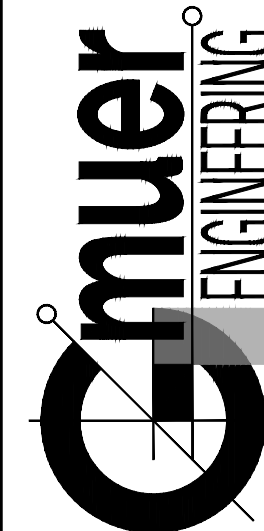
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- 2017-07-30:11 SMOKE INITIAL SUBMITTAL
- 2017-07-30:12 SMOKE SUBMITTAL
- 2017-07-29:28 FOOT DIRECTINAL MEDIAN OPENING
- 2017-07-29:29 PLANS FOR LAKE CITY BOARD APPROVAL
- 2017-10-23:01 FOOT DRIVEWAY SUBMITTAL
- 2017-10-23:02 FOOT DRIVEWAY SUBMITTAL
- 2017-10-23:03 SMOKE RESUBMITTAL
- 2018-01-15:01 FOOT DRIVEWAY RESUBMITTAL
- 2018-05-14:01 CONCEPT PLAN FOR REVISED LAYOUT

PERMITTING STATUS:

APPROVED LAKE CITY SITE ZONING, SRWMD ERP

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



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

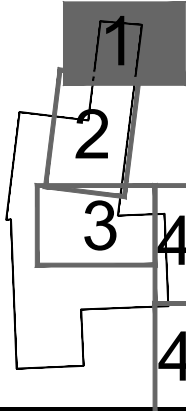
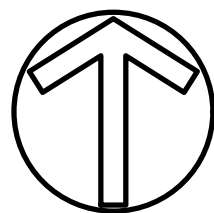
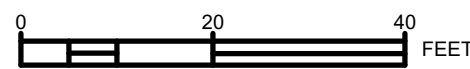
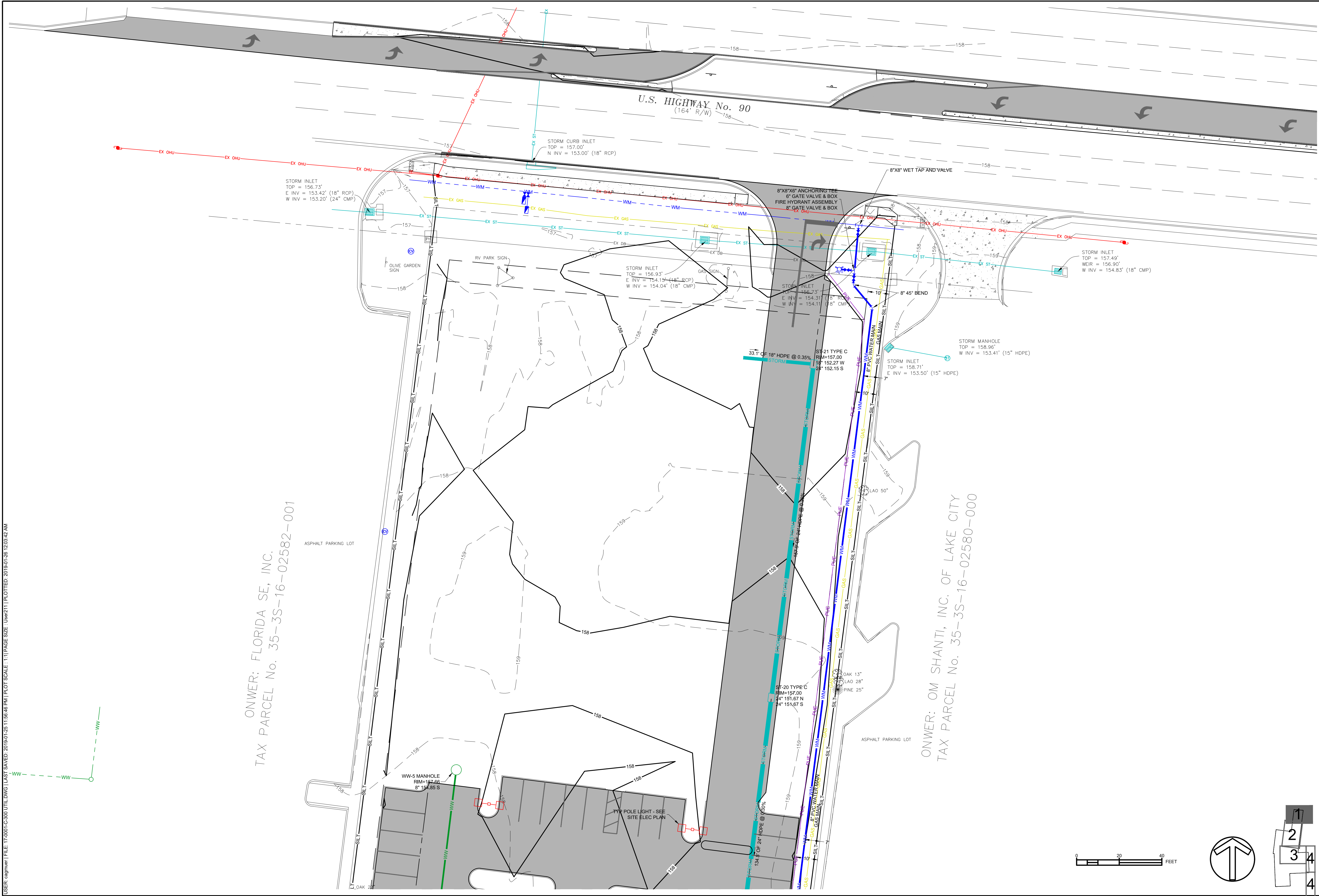
CLIENT :	MORPHEUS GROUP, LLC
DESIGN :	C.A. GMIJER, PE
QUALITY CONTROL :	C.A. GMIJER, PE
LAKE CITY APP #	TBD
SRIRIMD APP #	TBD
DOT DRIVEWAY #	TBD
DOT DRAINAGE #	TBD
DOT UTILITY #	TBD
SEing PROJECT #	17-0001

LAKE CITY
HOTELS AT
3004 W US 90
PHASE 1

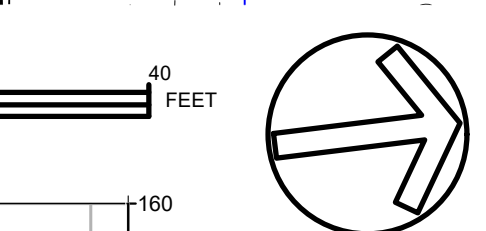
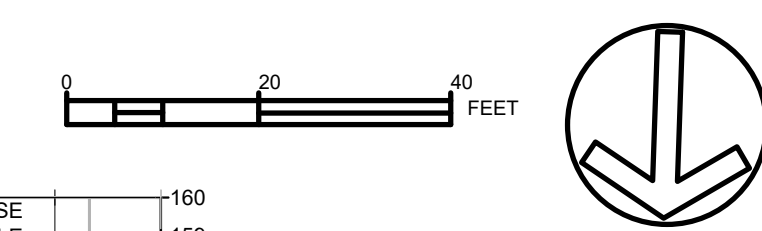
MASTER
UTILITY PLAN

C-300

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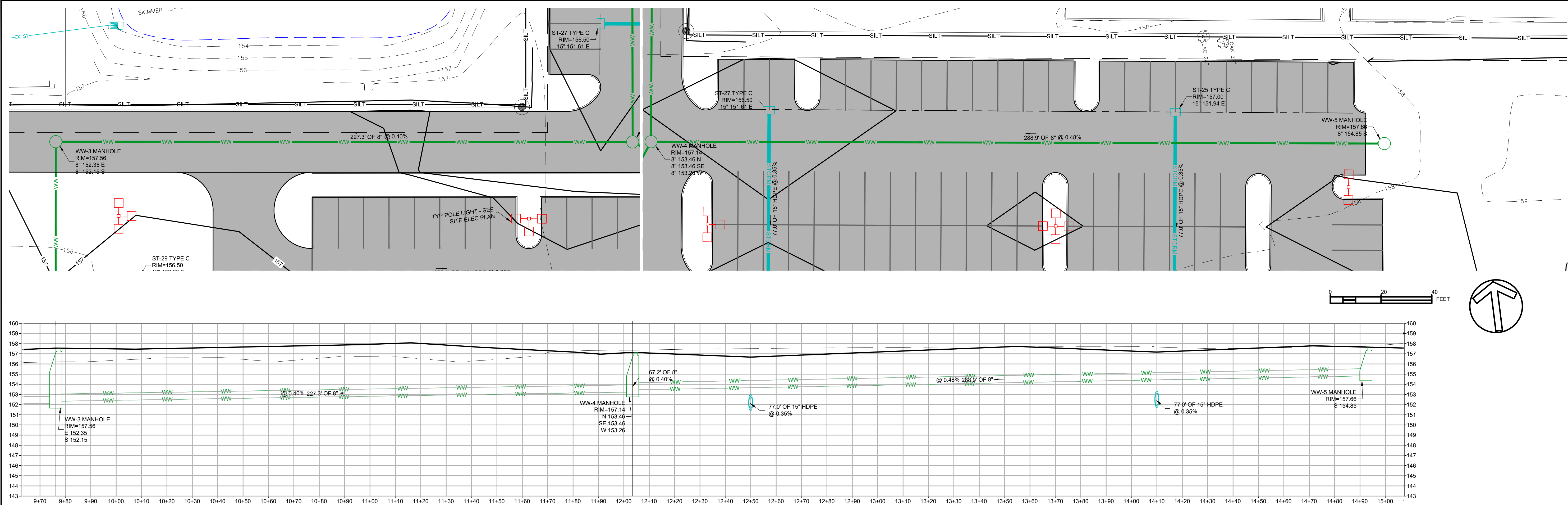


UTILITY PLAN		C-301	
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1		ENGINEER OF RECORD: CHRISTOPHER A. GMUER FL PE # 71599 2019-01-26	
CLIENT:	MORPHEUS GROUP, LLC	DESIGN:	CA. GMUER, PE
QUALITY CONTROL:	CA. GMUER, PE	LAKE CITY APP #	TBD
FOOT DRIVEWAY #	TBD	FOOT DRIVEWAY #	TBD
FOOT UTILITY #	TBD	FOOT UTILITY #	TBD
GEI# PROJECT #	17-0001	GEI# PROJECT #	17-0001
PERMITTING / DESIGN REVISIONS:		CONSTRUCTION:	
2017-10-10 ENVIRONMENTAL PERMITTING		2018-01-15 RELEASED FOR PRICING AND ON-SITE CONSTRUCTION	
2017-10-10 ENVIRONMENTAL 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	
PERMITTING STATUS:		WAITING: FOOT DRIVEWAY, DRAINAGE & UTILITY, COUNTY UTILITY ROW	
APPROVED: LAKE CITY SITE ZONING, SRWMD ERP			



LAKE CITY HOTELS AT 3004 W US 90 PHASE 1	UTILITY PLAN & PROFILE	 CmuR ENGINEERING FL, CA # 21533 gmuering.com (352) 281-4028 2003 NW 13th ST, Box 314 Gainesville, FL 32609	CLIENT: MORPHEUS GROUP, LLC DESIGN: C.A. GUMIER PE QUALITY CONTROL: C.A. GUMIER PE LAKE CITY APP # TBD SRWMD APP # TBD FOOT DRIVEWAY # TBD FOOT UTILITY # TBD GEEng PROJECT # 17-0001	ENGINEER OF RECORD: CHRISTOPHER A. GUMIER FL PE # 71599 2018-01-28	PERMITTING / DESIGN REVISIONS: 2017-07-21 SRWMD INITIAL SUBMITTAL 2017-08-18 LAKE CITY INITIAL SUBMITTAL 2017-09-05 SRWMD INITIAL SUBMITTAL 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL 2017-10-23 FOOT DRIVEWAY SUBMITTAL 2017-11-05 SRWMD INITIAL SUBMITTAL 2018-01-15 FOOT 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 2018-02-01 LAKE CITY RELEASED FOR CONSTRUCTION 2018-07-25 90% REVISION TO PHASE 1 UTILITIES 2018-08-21 100% PLANS FOR PHASE 1 2018-09-21 100% PLANS FOR PHASE 1 CITY COMMENTS 2018-12-06 ADDING ADJACENT PROPERTY 2018-01-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS
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WAITING: FOOT 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 UTILITIES
- 2018-08-21 100% PLANS FOR PHASE 1 UTILITIES
- 2018-10-10 REVISIONS BASED ON LAKE CITY COMMENTS
- 2018-12-26 ADDING ADJACENT OPERATOR
- 2019-01-26 ADDED UNIFORM ENCLASURE / KEEP SIGNS

PERMITTING / DESIGN REVISIONS:

- 2017-10-30 ENVIRONMENTAL 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
- 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT

PERMITTING STATUS:

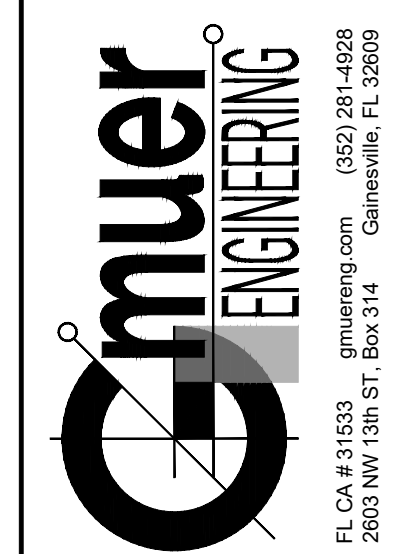
APPROVED: LAKE CITY SITE ZONING, SRWMD ERP

ENGINEER OF RECORD:

CHRISTOPHER A. GMUER

FL PE # 71599

2019-01-26



CLIENT: MORPHEUS GROUP, LLC

DESIGN: C.A. GMUER, PE

QUALITY CONTROL: C.A. GMUER, PE

LAKE CITY APP # TBD

FOOT DRIVEWAY # TBD

FOOT DRAINAGE # TBD

FOOT UTILITY # TBD

GEI# 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.

A) MATERIALS NOT 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 THE DEPTH INDICATED IN THE MATERIALS SCHEDULE. UNDER NO CIRCUMSTANCES SHALL THE BOTTOM OF THE TRENCH BE BROUGHT UP TO THE ORIGINAL GRADE WITH APPROVED MATERIALS. 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 AND FOREIGN MATERIAL FROM ENTERING THE PIPE. DURING LAYOUT OPERATION, NO DEBRIS, TOOLS, CLOTHING, OR OTHER MATERIALS SHALL BE ALLOWED TO FALL INTO THE TRENCH.

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

[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][illegible]

1. UPON OR DURING COMPLETION OF THE HYDROSTATIC TEST AND LEAKAGE TEST, THE NEW SECTION OF PIPE SHALL BE STERILIZED IN ACCORDANCE WITH AWWA SPECIFICATION C505-06 OR LATEST AND WITH THE STATE OF CALIFORNIA HEALTH CARE FACILITY REGULATIONS. THE WATER IN THE PIPE SHALL BE FILLED WITH AN AVAILABLE CHLORINE OR CHLORINE GRANULES MAY BE USED WHEN WATER MAINS ARE 12" AND SMALLER AND LENGTHS UP TO 2,500 FEET. THE WATER MAIN AND LATERALS SHALL BE DISINFECTED WITH A CONCENTRATION OF 50 PPM OF AVAILABLE CHLORINE FOR 24 HOURS. THE CHLORINE SHALL BE APPLIED TO THE ENTIRE PERIMETER OF THE BELL OF THE PIPE. QUANTITY OF TABLETS OR GRANULES SHALL BE DETERMINED BY CONSULTING TABLE 1 IN THE AWWA STANDARD - DISINFECTING WATER MAINS (AWWA C505-06).

2. ALL EXISTING AND NEW LATERALS SHALL BE DISINFECTED WITH A CONCENTRATION OF 50 PPM OF AVAILABLE CHLORINE FOR 24 HOURS. ALL EXISTING AND NEW HYDRANT BRANCHES, ONCE PIPES ARE FILLED WITH WATER, A MINIMUM OF THREE DAYS (FOR TABLETS) OR 24 HOURS (FOR GRANULES) SHALL BE DISINFECTED BEFORE FLUSHING.

3. SECTION 10.05.01 SHALL BE PERFORMED BY INJECTION OF CHLORINE SOLUTION. THE METHOD AND PROCEDURE SHALL BE REVIEWED AND APPROVED BY THE ENGINEER OF THE UTILITIES AND THE DISTRICT ENGINEER.

4. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST AWWA STANDARD.

RESPONSIBILITIES

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 THE 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 THE 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 THE INSPECTOR TO ARRANGE AND TIME FOR A WALK-THROUGH WITH THE UTILITIES AND PUBLIC WORKS DEPARTMENT. WHEN THE SYSTEM HAS PASSED CLOSE-OUT, CONTRACTOR SHALL FURNISH RECORD DRAWINGS, INSPECTOR SHALL THEN CLOSE-OUT, AND A COMPLETION CERTIFICATE OF THE UTILITIES AND PUBLIC WORKS DEPARTMENT TO THE CONTRACTOR AND THE INSPECTOR SHALL BE ISSUED.

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

[illegible]

WITH ACCESSORIES, 12" LONG X 4" TO 12" DIAMETER	CARSON INDUSTRIES, LTD.
BOX, METER, STANDARD SIZE	BINGHAM & TAYLOR 4/68
BOX, VALVE, ASSEMBLY, IRON	TYLER PIPE COMPANY 6/85/1/68
BOX, VALVE, LIO, IRON	BINGHAM & TAYLOR 4/68/1/
	TYLER PIPE COMPANY 6/85-1/68
CLAMP, BELL JOINT RESTRAINT, PVC 6000, SPLIT	TYLER PIPE COMPANY 6/85-1/68
	LEARN IRON SALES, INC. 1/6
	SIGMA CORP. P
COUPLING, REPAIR, HYMAX	TOTAL PIPELINE SOLUTIONS, INC. 2/8
CURST, M, 5" STANDARD	LEARN IRON SALES, INC. LEARN TE
	ROMAC INDUSTRIES, INC. M. GARG

GLAND KIT 6500 PVC SPLIT STYLE	EBAA IRON SALES INC 202000
GLAND JOINT RESTRAINT, 3X, 6000 PVC PIPE	EBAA IRON SALES, INC 200000
HYDRANT, FIRE	SIGMA CORP S-5
WITH ASSOC SAFETY AND EXTENSION KIT	CLOW VALVE COMPANY F-29
LUBRICANT, FIRE HYDRANT	MUELLER COMPANY A-4
LUBRICANT, FIRE JOINT	AMERICAN DARIUM, LLC R-44
LUBRICANT, PIPE JOINT	ASSURE FLOW SALES INC HYDRA-E
	SEAFORD CORPORATION FASE-1
	SIGMA CORP (RUEF) 200000

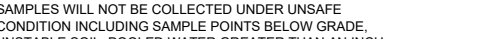
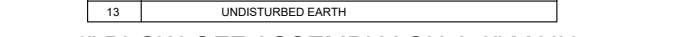
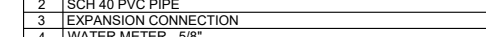
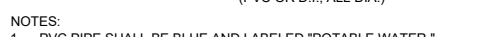
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BASE AND FINISH: WAINSCOT SECTION (CLOSED BOTTOM) 4" DIA. DEC 101 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152) (153) (154) (155) (156) (157) (158) (159) (160) (161) (162) (163) (164) (165) (166) (167) (168) (169) (170) (171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181) (182) (183) (184) (185) (186) (187) (188) (189) (190) (191) (192) (193) (194) (195) (196) (197) (198) (199) (200) (201) (202) (203) (204) (205) (206) (207) (208) (209) (210) (211) (212) (213) (214) (215) (216) (217) (218) (219) (220) (221) (222) (223) (224) (225) (226) (227) (228) (229) (230) (231) (232) (233) (234) (235) (236) (237) (238) (239) (240) (241) (242) (243) (244) (245) (246) (247) (248) (249) (250) (251) (252) (253) (254) (255) (256) (257) (258) (259) (260) (261) (262) (263) (264) (265) (266) (267) (268) (269) (270) (271) (272) (273) (274) (275) (276) (277) (278) (279) (280) (281) (282) (283) (284) (285) (286) (287) (288) (289) (290) (291) (292) (293) (294) (295) (296) (297) (298) (299) (300) (301) (302) (303) (304) (305) (306) (307) (308) (309) (310) (311) (312) (313) (314) (315) (316) (317) (318) (319) (320) (321) (322) (323) (324) (325) (326) (327) (328) (329) (330) (331) (332) (333) (334) (335) (336) (337) (338) (339) (340) (341) (342) (343) (344) (345) (346) (347) (348) (349) (350) (351) (352) (353) (354) (355) (356) (357) (358) (359) (360) (361) (362) (363) (364) (365) (366) (367) (368) (369) (370) (371) (372) (373) (374) (375) (376) (377) (378) (379) (380) (381) (382) (383) (384) (385) (386) (387) (388) (389) (390) (391) (392) (393) (394) (395) (396) (397) (398) (399) (400) (401) (402) (403) (404) (405) (406) (407) (408) (409) (410) (411) (412) (413) (414) (415) (416) (417) (418) (419) (420) (421) (422) (423) (424) (425) (426) (427) (428) (429) (430) (431) (432) (433) (434) (435) (436) (437) (438) (439) (440) (441) (442) (443) (444) (445) (446) (447) (448) (449) (450) (451) (452) (453) (454) (455) (456) (457) (458) (459) (460) (461) (462) (463) (464) (465) (466) (467) (468) (469) (470) (471) (472) (473) (474) (475) (476) (477) (478) (479) (480) (481) (482) (483) (484) (485) (486) (487) (488) (489) (490) (491) (492) (493) (494) (495) (496) (497) (498) (499) (500) (501) (502) (503) (504) (505) (506) (507) (508) (509) (510) (511) (512) (513) (514) (515) (516) (517) (518) (519) (520) (521) (522) (523) (524) (525) (526) (527) (528) (529) (530) (531) (532) (533) (534) (535) (536) (537) (538) (539) (540) (541) (542) (543) (544) (545) (546) (547) (548) (549) (550) (551) (552) (553) (554) (555) (556) (557) (558) (559) (560) (561) (562) (563) (564) (565) (566) (567) (568) (569) (570) (571) (572) (573) (574) (575) (576) (577) (578) (579) (580) (581) (582) (583) (584) (585) (586) (587) (588) (589) (590) (591) (592) (593) (594) (595) (596) (597) (598) (599) (600) (601) (602) (603) (604) (605) (606) (607) (608) (609) (610) (611) (612) (613) (614) (615) (616) (617) (618) (619) (620) (621) (622) (623) (624) (625) (626) (627) (628) (629) (630) (631) (632) (633) (634) (635) (636) (637) (638) (639) (640) (641) (642) (643) (644) (645) (646) (647) (648) (649) (650) (651) (652) (653) (654) (655) (656) (657) (658) (659) (660) (661) (662) (663) (664) (665) (666) (667) (668) (669) (670) (671) (672) (673) (674) (675) (676) (677) (678) (679) (680) (681) (682) (683) (684) (685) (686) (687) (688) (689) (690) (691) (692) (693) (694) (695) (696) (697) (698) (699) (700) (701) (702) (703) (704) (705) (706) (707) (708) (709) (710) (711) (712) (713) (714) (715) (716) (717) (718) (719) (720) (721) (722) (723) (724) (725) (726) (727) (728) (729) (730) (731) (732) (733) (734) (735) (736) (737) (738) (739) (740) (741) (742) (743) (744) (745) (746) (747) (748) (749) (750) (751) (752) (753) (754) (755) (756) (757) (758) (759) (760) (761) (762) (763) (764) (765) (766) (767) (768) (769) (770) (771) (772) (773) (774) (775) (776) (777) (778) (779) (780) (781) (782) (783) (784) (785) (786) (787) (788) (789) (790) (791) (792) (793) (794) (795) (796) (797) (798) (799) (800) (801) (802) (803) (804) (805) (806) (807) (808) (809) (810) (811) (812) (813) (814) (815) (816) (817) (818) (819) (820) (821) (822) (823) (824) (825) (826) (827) (828) (829) (830) (831) (832) (833) (834) (835) (8

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NOT TO SCALE

NOT TO SCALE



5	TRACER WIRE, COPPER, BLUE INSULATED, #10 AWG
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13	UNDISTURBED EARTH
----	-------------------

MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED.

18x12	89	75	36x24	148
18x15	148	*	36x30	217

2424	211	v
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PVC RESTRAINED JOINT STANDARD FOR TEES, BENDS, PLUGS, CAPS, AND REDUCERS

CLIENT : MORHEUS GROUP LLC	DESIGN : C.A. GMIER PE QUALITY CONTROL : C.A. GMIER PE	LAKE CITY APP # : SRWMD APP # : SRWMD APP # : FOOT UTILITY # : FOOT UTILITY # :	GEN# PROJECT # : 17-0001
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1			
UTILITY DETAILS			
C-320			

WASTEWATER CONSTRUCTION STANDARDS

SCOPE

- THE PURPOSE OF AND INTENT OF THESE STANDARDS, AND THE ACCOMPANYING CONSTRUCTION DETAILS IS TO PROTECT, RESTORE, OR IMPROVE THE QUALITY OF THE ENVIRONMENT. ENGINEERS, DEVELOPERS, CONTRACTORS, INSPECTORS, AND OTHERS CONCERNED WITH WASTEWATER CONSTRUCTION SHALL PERFORM ALL WORK IN ACCORDANCE WITH THESE REQUIREMENTS. ANY MODIFICATIONS TO THESE STANDARDS SHALL REQUIRE THE WASTEWATER ENGINEER'S APPROVAL.

INSPECTION AND DISPOSITION OF MATERIALS

1. MATERIALS DELIVERED TO THE JOB SITE SHALL BE INSPECTED. MATERIALS FOUND DURING INSPECTION OR DURING THE COURSE OF THE WORK TO BE REJECTED AND REMOVED FROM THE WORK AREA. MATERIALS FOUND TO BE OTHER EFFECTS SHALL BE REJECTED AND REMOVED FROM THE JOB SITE WITHOUT DELAY. ALL MATERIALS DELIVERED TO THE JOB SITE SHALL BE IN ACCORDANCE WITH THE APPROVED MATERIALS STATEMENT MATERIALS SPECIFICATIONS.
2. PIPE DELIVERED TO THE JOB SITE SHALL BE UNLOADED ADVANTAGE TO OR NEAR THE PLACE WHERE IT IS TO BE INSTALLED. MATERIALS SHALL BE COADED AND UNLOADED BY CRANE, LIFTING HOIST, OR SKIDGING SO AS TO AVOID SHOCK AND PREVENT DAMAGE. MATERIALS UNLOADED BY SKIDGING SHALL NOT BE SHIPPED OR OFFLOADED AGAINST MATERIALS ALREADY ON THE GROUND.
3. THE BOTTOM OF THE TRENCH SHALL NOT BE EXCAVATED BELOW THE DESIRED GRADE. THE BOTTOM OF THE TRENCH SHALL BE BROUGHT UP TO THE MATERIAL, HYDROLOGY & COMING TO THE SURFACE OF THE TRENCH.
4. BEFORE PLACING THE PIPE INTO THE TRENCH, THE OUTSIDE OF THE PIPE SHALL BE WIPED CLEAN OF FREE OIL AND GREASE. EVERY PREVIOUSLY EXPOSED SURFACE OF THE PIPE SHALL BE WIPED CLEAN OF FREE OIL AND GREASE. THE INSIDE OF THE PIPE SHALL BE PLACED INTO THE TRENCH.
5. GRAVITY SEWER MAINS SHALL BE INSTALLED WITH A PIPE LAGER, LATER, LINES AND BATTER BARS. THE LATER BATTER BAR SHALL BE EXERCISED TO

PROTECTION OF PROPERTY AND OBSTRUCTIONS

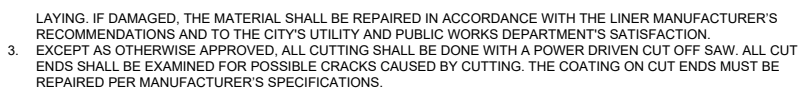
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TRENCH PREPARATION

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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. DURING INSTALLATION OF THE MANHOLE THE PIT SHALL REMAIN DRY AND ACCORDANCE WITH THE MATERIALS INDICATED IN THE MATERIALS SPECIFICATION SHALL BE MAINTAINED. |
| 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. PRECAST BASE SECTIONS WITHOUT A BOTTOM SHALL BE INSTALLED IN MISC. CONCRETE. HAND MIXING OF CONCRETE AT THE JOB SITE SHALL NOT BE USED. |



GRAVITY COLLECTION SYSTEM

- [illegible]

9. WHEN PIPE LAYING IS NON PROGRESS, THE OPEN ENDS OF PIPE SHALL BE CLOSED BY A WATERTIGHT PLUG OR OTHER APPROVED MEANS. THIS PROVISION SHALL APPLY DURING THE NOON HOUR AS WELL AS OVERNIGHT. IF WATER IS IN THE TRENCH, THE SEAL SHALL REMAIN IN PLACE UNTIL THE TRENCH IS PUMPED COMPLETELY DRY.
10. BACKFILL MATERIAL SHALL BE FREE FROM CINDERS, ASHES, REFUSE, VEGETABLE OR ORGANIC MATERIAL, BOULDERS, ROCKS, STONES, OR OTHER MATERIAL WHICH IS CONSIDERED UNSUITABLE. WHEN BACKFILL MATERIAL IS NOT AVAILABLE, THE TRENCH SHALL BE BACKFILLED WITH SAND OR GRAVEL. UNLESS OTHERWISE SPECIFIED, BACKFILL OF TRENCHES SHALL BE TO THE TOP OF THE TRENCH. UNLESS OTHERWISE SPECIFIED, THE BACKFILL OF TRENCHES SHALL BE TO THE TOP OF THE TRENCH. UNLESS OTHERWISE SPECIFIED, THE BACKFILL OF TRENCHES SHALL BE TO THE TOP OF THE TRENCH. UNLESS OTHERWISE SPECIFIED, THE BACKFILL OF TRENCHES SHALL BE TO THE TOP OF THE TRENCH.

11. PLACEMENT OF THE EMBEDED MATERIALS IS THE MOST IMPORTANT PART OF PIPE LAYING. THE FIVE GROUPS OF EMBEDMENT MATERIALS PLUS THE SOIL TYPES DEFINED ACCORDING TO THE UNITED SOIL CLASSIFICATION SYSTEM (USCS) IN ASTM D-2487, STANDARD METHOD OF CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES, BEDDING MAY BE REQUIRED IN PAPER SOIL CONDITIONS. CLASS V AND CLASS V MATERIAL SHALL NOT BE USED FOR BEDDING OR HAUNCHING OR INITIAL BACKFILL.
12. CLASS II AND CLASS III ARE USED INSTEAD OF WELL POINTING. CLASS I MATERIAL SHALL BE INSTALLED FOR BEDDING. SUFFICIENT AMOUNTS OF CLASS II OR CLASS III MATERIAL SHALL BE ADDED TO FILL THE VOIDS CREATED BY USING ROCK. PUMPS SHALL BE MOVED IN INTERVALS TO ENSURE THE MIGRATION OF CLASS II OR CLASS III MATERIAL. DISCHARGE FROM THE PUMPS SHALL NOT BE EMPTIED INTO THE PIPE WHICH IS BEING INSTALLED.

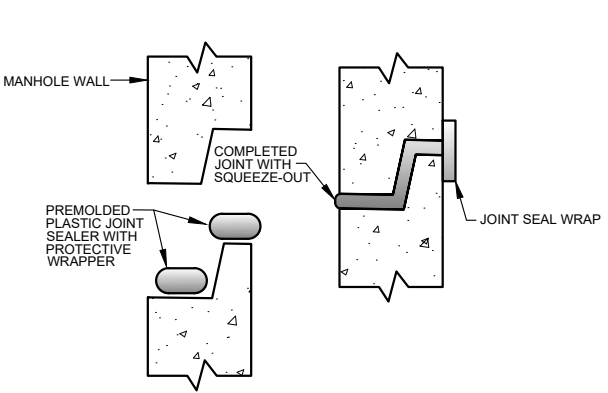
13. AFTER PIPE HAS BEEN PULLED INTO THE TRENCH ACCORDING TO THE ALIGNMENT AND GRADE INDICATED ON THE DRAWING, HAUNCHING MATERIAL SHALL BE PLACED TO THE SPRINGLINE OF THE PIPE AND HAND TAPPED. CARE SHALL BE TAKEN TO ENSURE SUFFICIENT AMOUNTS OF MATERIAL HAVE BEEN WORKED UNDER THE HAUNCHES OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT. PRECAUTIONS SHALL BE TAKEN TO PREVENT MOVEMENT OF THE PIPE.
14. PLACE INITIAL BACKFILL WITH 24"±30" ABOVE THE TOP OF THE PIPE AND HAND TAMP IN 6"±12" INCREMENTS. THE MINIMUM COVER ON ALL GRAVITY SEWER MAINS SHALL BE THIRTY-SIX (36) INCHES. AT LEAST FORTY-EIGHT (48) INCHES OF COVER SHALL BE PROVIDED FOR PVC MAINS BEFORE USING A MOBILE TRENCH COMPACTOR OF THE HYDRO HAMMER TYPE.

13. FINAL BACKFILL MAY BE MACHINE PLACED MATERIALS THAT COMPLETE FINAL BACKFILL OPERATION NEED NOT BE AS CAREFULLY SELECTED AS THE INITIAL BACKFILL. ALL WORK UNDER PAVEMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ANY STATE, COUNTY OR LOCAL REQUIREMENTS. COMMUNICATION WITH THEM IS THE CONTRACTOR'S RESPONSIBILITY.
16. THE LOCATION OF ALL LATERALS SHALL BE SHOWN ON THE DRAWINGS. ALL MATERIALS INSTALLED SHALL BE IN ACCORDANCE WITH THE MATERIALS INDICATED IN THE MATERIALS SCHEDULE.
17. WYES OF PROPER SIZE SHALL BE INSTALLED IN THE WASTEWATER COLLECTION SYSTEM AT THE LOCATIONS SHOWN

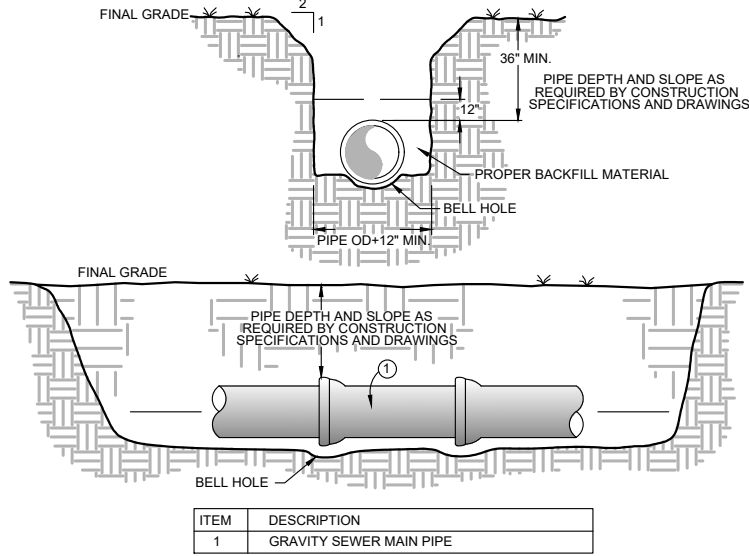
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MANHOLES

1. MANHOLES SHALL BE CONSTRUCTED AT THE LOCATION SHOWN ON THE DRAWINGS. THE MANHOLES MAY BE EITHER CONSTRUCTED OF BRICKS OR MORTAR OR PRECAST CONCRETE SECTIONS. ALL PRECAST MANHOLE SECTIONS SHALL CONFORM TO A S.T.M. SPECIFICATION C 475-73 OR LATEST REVISION. MANHOLE SECTIONS SHALL BE JOINED AND SEALED WITH "RAM-NIK" 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 2,000 PSI @ 28 DAYS READ MIX CONCRETE. HAND MIXING OF CONCRETE AT THE JOB SITE SHALL NOT BE PERMITTED. FORM BOARDS SHALL BE



WASTEWATER MANHOLE PIPE



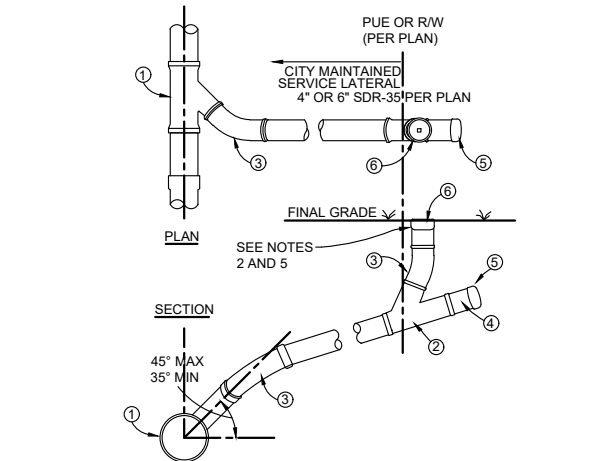
WASTEWATER GRAVITY MAIN CONSTRUCTION

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

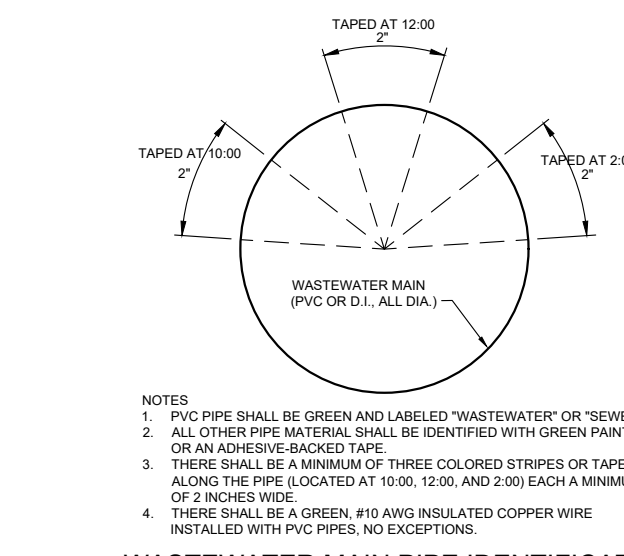
- WHEN OPEN DITCH CONSTRUCTION OF PIPE BENEATH PAVEMENT IS PERMITTED, THE PAVEMENT, CURBS AND GUTTER SHALL BE REPLACED WITH CONCRETE. THE DITCH BACKFILL SHALL BE INSTALLED AND MAINTAINED AS REQUIRED FOR ADEQUATE SAFETY.
- PAVEMENT SHALL BE REPLACED BEFORE THE DITCH BACKFILL HAS BEEN INSPECTED AND APPROVED. PAVEMENT DENSITY AND COMPACTION TESTS MAY BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION OVER THE STREET, ROAD, OR HIGHWAY INVOLVED.
- PAVEMENT SHALL BE REPLACED IN ACCORDANCE WITH THE "FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OR LATEST EDITION AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION OVER THE STREET, ROAD, OR HIGHWAY INVOLVED.
- CURBS AND GUTTER SHALL BE REPLACED WITH A NEW CONCRETE UNIT PAVED IN-PLACE AND HAVE THE SAME FINISH AS THE EXISTING CURBS AND GUTTERS. THE CONCRETE SHALL BE PLACED AND FINISHED TO THE SAME ELEVATION UNDER EXISTING WORK SHALL BE THOROUGHLY COMPACTED AND THE SUB-GRADE APPROVED BEFORE ANY NEW CONCRETE IS PLACED.
- CONCRETE WALKWAYS AND DRIVEWAYS SHALL BE REPLACED WITH CONCRETE OF THE SAME CROSS SECTION AS THE EXISTING WALKWAY OR DRIVEWAY. THE CONCRETE SHALL BE PLACED AND FINISHED TO THE SAME ELEVATION UNDER EXISTING WORK SHALL BE THOROUGHLY COMPACTED AND THE SUB-GRADE APPROVED BEFORE ANY CONCRETE IS PLACED.

FINAL ACCEPTANCE

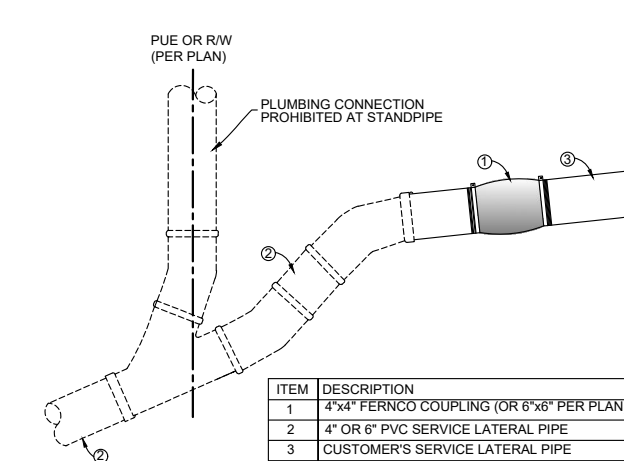
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4	4" or 6" SERVICE LATERAL PIPE CONNECTION
5	4" or 6" PVC CAP, PLUMBING CONNECTION

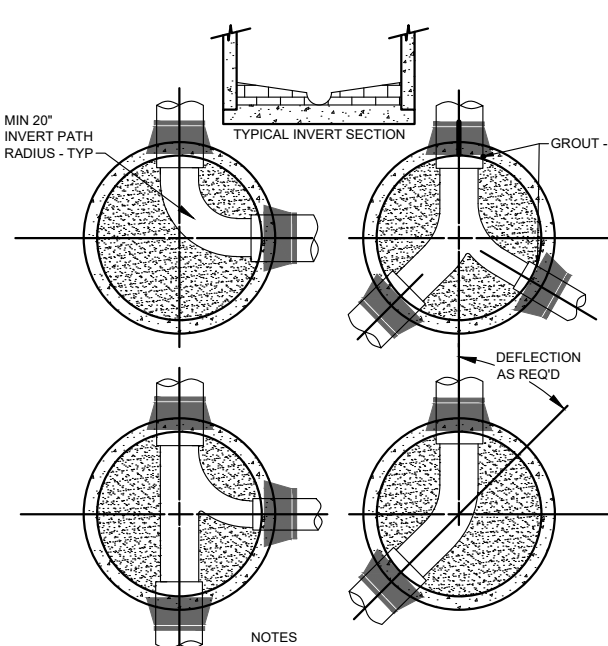


WASTEWATER MAIN PIPE IDENTIFICATION
NOT TO SCALE



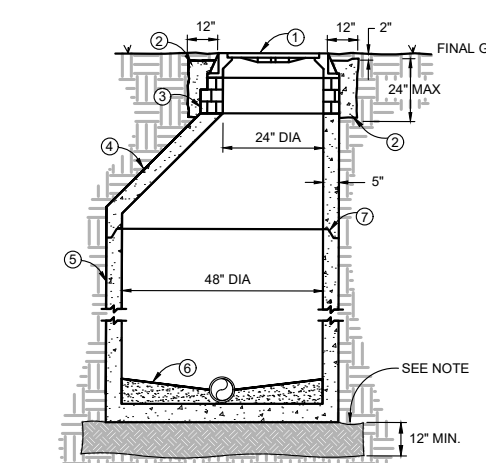
WASTEWATER SERVICE LATERAL
CONNECTION BY PLUMBER

- CONNECTION BY PLUMBER
NOT TO SCALE



SEWER MANHOLE INVERT CONSTRUCTION

- NOTES
1. INVERTS SHALL BE CONSTRUCTED AT 0.10'
DROP ACROSS THE INSIDE OF MAHOLE



SEWER MANHOLE CONSTRUCTION

- NOT TO SCALE

		ENGINEER OF RECORD CHRISTOPHER A. GMUER FL PE # 71589 2019-01-26	
CLIENT : DESIGN : QUALITY CONTROL : LAKE CITY APP # SRWMD APP # SRWMD REVIEW # FOOT DRIVWAY # FOOT UTILITY # CEing PROJECT #	MORPHEUS GROUP, LLC C.A. GMUER PE C.A. GMUER PE TBD TBD TBD TBD TBD 17-0001	PERMITTING / DESIGN REVISIONS : 2017-07-10 FINAL DESIGN FOR INITIAL PERMITTING 2017-08-01 SRWMD ENVIRONMENTAL SUBMITTAL 2017-08-24 SRWMD ENVIRONMENTAL SUBMITTAL 2017-09-28 FDOT DIRECTIONAL MEDIAN OPENING 2017-09-28 PLANS FOR LAKE CITY BOARD APPROVAL 2017-10-02 SRWMD ENVIRONMENTAL SUBMITTAL 2017-10-31 SRWMD RESUBMITTAL 2018-01-15 FDOT DRIVEWAY RESUBMITTAL 2018-05-14 CONCEPT PLAN FOR REVISED LAYOUT	
LAKE CITY HOTELS AT 3004 W US 90 PHASE 1 UTILITY DETAILS C-321		WAITING - FDOT DRIVEWAY & DRAINAGE & UTILITY, COUNTY UTILITY ROAD CONSTRUCTION. CONSTRUCTION - 2018-06-05 RELEASED FOR SHOWING AND ON-SITE CONSTRUCTION 2018-06-05 60% REVISION TO PHASE 1 ONLY 2018-07-25 90% REVISION TO PHASE 1 UTILITIES 2018-08-01 10% REVISION TO PHASE 1 UTILITIES 2018-10-16 REVISIONS BASED ON LAKE CITY COMMENTS 2018-12-08 ADDING ADJACENT PROPERTY 2018-04-25 ADDED DUMPSTER ENCLOSURE / KEEP SIGNS	
PERMITTING STATUS: APPROVED - LAKE CITY SITE ZONING, SRWMD ERP		FL CA # 21533 gmuereng.com (352) 281-4028 2003 NW 13th St, Box 314 Gainesville, FL 32609	

