DEVELOPMENT PLANS

FOR:

CITY OF ALACHUA OPERATIONS CENTER

ALACHUA COUNTY, FLORIDA

SECTION 19, TOWNSHIP 8 SOUTH, RANGE 19 EAST

SUBMITTED TO:

CITY OF ALACHUA
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SUWANNEE RIVER WATER MANAGEMENT DISTRICT

GENERAL NOTES

1. DEVELOPMENT DATA:

	PROPOSED DEVELOPMENT		
TOTAL AREA=	474,625 S.F.	100.0%	10.90 ACRES
BUILDING FOOTPRINT AREA=	17,905 S.F.	3.8%	
CONC./PAVE AREA=	44,256 S.F.	9.3%	
TOTAL IMPERVIOUS AREA=	62,161 S.F.	13.1%	
OPEN SPACE=	412,464 S.F.	86.9%	

DESCRIPTION: THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A 8,003 SF OPERATIONS CENTER AND 9,902 SF WAREHOUSE/SHOP FACILITY. ALSO INCLUDED IS COVERED PARKING FOR CITY WORK VEHICLES, EMPLOYEE/VISITOR PARKING, STORMWATER MANAGEMENT FACILITY IMPROVEMENTS, AND THE ASSOCIATED UTILITY INFRASTRUCTURE.

ZONING & LAND USE DESIGNATION:
ZONING = INDUSTRIAL (ILW)
FUTURE LAND USE = INDUSTRIAL

2. MINIMUM BUILDING / YARD SETBACKS PER ILW ZONING ARE AS FOLLOWS:
PRIMARY BUILDING (ILW)
FRONT: 20'
SIDE: 15', EXCEPT WHERE RAILROAD SPUR ABUTS SIDE OR REAR PROPERTY, THEN NONE
REAR: 15', EXCEPT WHERE RAILROAD SPUR ABUTS SIDE OR REAR PROPERTY, THEN NONE

MINIMUM LOT AREA	NONE
MINIMUM LOT WIDTH	NONE
MAX BUILDING HEIGHT	65'
MAX LOT COVERAGE	NONE
MAX FAR	0.5

3. PARKING CALCULATIONS:
CAR: GOVERNMENT FACILITIES (GOVERNMENT MAINTENANCE, STORAGE, AND DISTRIBUTION FACILITY) 1 SPACE PER EMPLOYEE ON LARGEST SHIFT

33 EMPLOYEES X 1 SPACE = 33 SPACES (MINIMUM)
33 X 125% = 41 SPACES (MAXIMUM)
PROVIDED = 33 SPACES

ACCESSIBLE PARKING SPACES REQUIRED: 2 SPACES
PROVIDED: 2 SPACES

4. DATE OF BOUNDARY SURVEY:
A BOUNDARY AND TOPOGRAPHIC SURVEY WAS COMPLETED BY CAUSSEAUX, HEWETT, & WALPOLE, INC. AND DATED JUNE 11, 2015, AND REVISED JUNE 30, 2015.

5. UTILITIES:
–POTABLE WATER AND FIRE SERVICE WILL BE PROVIDED BY AN EXISTING AND PROPOSED 16" WATER MAIN, LOCATED EAST SIDE OF NW 104 TERRACE.

–SANITARY SEWER SERVICE WILL BE PROVIDED BY A PROPOSED SEWER LATERAL TO AN EXISTING SANITARY SEWER MANHOLE, LOCATED NORTH OF THE PROJECT SITE IN THE CENTER OF THE SITE.

–ELECTRIC SERVICE WILL BE PROVIDED FROM EXISTING FACILITIES TO THE PROPOSED FACILITIES BY THE CITY OF ALACHUA.

–RECLAIM WATER SERVICE IS NOT AVAILABLE TO THE PROJECT SITE AT THE CURRENT TIME.

6. DRAINAGE:
A NEW ON–SITE STORM SEWER COLLECTION SYSTEM WILL BE CONSTRUCTED AND CONNECT TO AN EXISTING OFF–SITE FACILITY MASTER STORMWATER MANAGEMENT FACILITY WHICH WILL BE MODIFIED TO ACCOMMODATE THIS PROJECT. THE FACILITY MEETS CITY OF ALACHUA AND SRWMD DESIGN CRITERIA.

7. NATURAL FEATURES:
TOPOGRAPHY WILL SLOPE FROM EAST TO WEST WITH STEEP SLOPES. THERE ARE NO OTHER NATURAL SITE FEATURES.

8. ZONING/LAND USE INFORMATION AND COMPLIANCE:
LIGHT AND WAREHOUSE INDUSTRIAL (ILW) ZONING DISTRICT DESIGNATION.

THE PROPOSED OPERATION CENTER AND WAREHOUSE/WORK SHOP FACILITY IS CONSISTENT WITH THE GOVERNMENT MAINTENANCE, STORAGE, AND DISTRIBUTION. DEFINITION PROVIDED IN ARTICLE 10 OF THE LDRS. PER ARTICLE 4 OF THE LDRS, GOVERNMENT MAINTENANCE, STORAGE, AND DISTRIBUTION IS A PERMITTED USE WITHIN THE LIGHT AND WAREHOUSE INDUSTRIAL ZONING DISTRICT.

PER ARTICLE 6 OF THE LDRS, THE PROPOSED SITE IS CONSISTENT WITH ALL APPLICABLE DEVELOPMENT STANDARDS. COMPLIANCE WITH REQUIRED PARKING CAN BE FOUND IN NOTE 3 ON THIS SHEET. THERE ARE FEW EXISTING TREES ON SITE AND THE PROPOSED LANDSCAPING FULFILLS GENERAL, MITIGATION, AND BUFFER REQUIREMENTS. THE PROPOSED STORMWATER CONVEYANCE SYSTEM AND EROSION PROTECTION PROPOSED FULFILL ENVIRONMENTAL PROTECTION STANDARDS THROUGH THE USE OF BMPS.

9. CONCURRENCY IMPACT ANALYSIS:
SUBMITTED UNDER SEPARATE COVER

10. LEGAL DESCRIPTION: (AS FURNISHED)
A PORTION OF FRACTIONAL SECTION 19 AND THE S.D. FERNANDEZ GRANT, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE S.E. 1/4 OF THE S.E. 1/4 OF SECTION 24, TOWNSHIP 8 SOUTH, RANGE 18 EAST FOR THE POINT OF BEGINNING AND RUN S. 89 DEG. 45 MIN. 36 SEC. E., ALONG THE NORTH LINE OF PARCEL "C" OF A CITY OF ALACHUA EASEMENT AS DESCRIBED IN EASEMENT RECORDED IN OFFICIAL RECORDS BOOK 1659, PAGE 2261 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, A DISTANCE OF 610.03 FEET TO THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL OF LAND DESCRIBED IN WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 1813, PAGE 256 OF SAID PUBLIC RECORDS; THENCE RUN N. 00 DEG. 13 MIN. 45 SEC. E., ALONG THE WEST LINE OF SAID PARCEL OF LAND, A DISTANCE OF 377.91 FEET TO THE NORTHWEST CORNER OF SAID PARCEL OF LAND; THENCE RUN N. 89 DEG. 46 MIN. 15 SEC. W., A DISTANCE OF 60.00 FEET TO THE WEST RIGHT OF WAY LINE OF PROFESSIONAL DRIVE (A 60 FOOT PROPOSED RIGHT OF WAY); THENCE RUN NORTHERLY, ALONG SAID WEST RIGHT OF WAY LINE, WITH A CURVE CONCAVE EASTERLY, SAID CURVE HAVING A RADIUS OF 850.02 FEET AND A CENTRAL ANGLE OF 06 DEG. 32 MIN. 42 SEC., AN ARC DISTANCE OF 97.10 FEET TO THE POINT OF TANGENCY; THENCE RUN N. 06 DEG. 48 MIN. 58 SEC. E., ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 297.36 FEET; THENCE RUN N. 81 DEG. 10 MIN. 14 SEC. W., A DISTANCE OF 258.63 FEET; THENCE RUN S. 89 DEG. 24 MIN. 38 SEC. W., A DISTANCE OF 345.63 FEET TO THE WEST LINE OF THE AFOREMENTIONED FRACTIONAL SECTION 19; THENCE RUN S. 00 DEG. 35 MIN. 22 SEC. E., ALONG SAID WEST LINE, A DISTANCE OF 803.98 FEET TO THE POINT OF BEGINNING.

SURVEYOR OF RECORD
THOMAS R. BON, P.L.S.
CAUSSEAUX, HEWETT, & WALPOLE, INC.
132 NW 76TH DRIVE
GAINESVILLE, FL 32607
(352) 331–1976

LANDSCAPE ARCHITECT
BUFORD DAVIS & ASSOCIATES
2406 NW 43RD STREET
GAINESVILLE, FL. 32606
(352) 335–1896

DEVELOPER/OWNER
CITY OF ALACHUA
P.O. BOX 9
ALACHUA, FL 32616

ENGINEER OF RECORD
DANIEL H. YOUNG, P.E.
CAUSSEAUX, HEWETT, & WALPOLE, INC.
132 NW 76th DRIVE
GAINESVILLE, FL 32607
(352) 331–1976

PHOTOMETRIC
MOSES & ASSOCIATES
2209 NW 40TH TERRACE
GAINESVILLE, FL. 32605
(352) 372–1911

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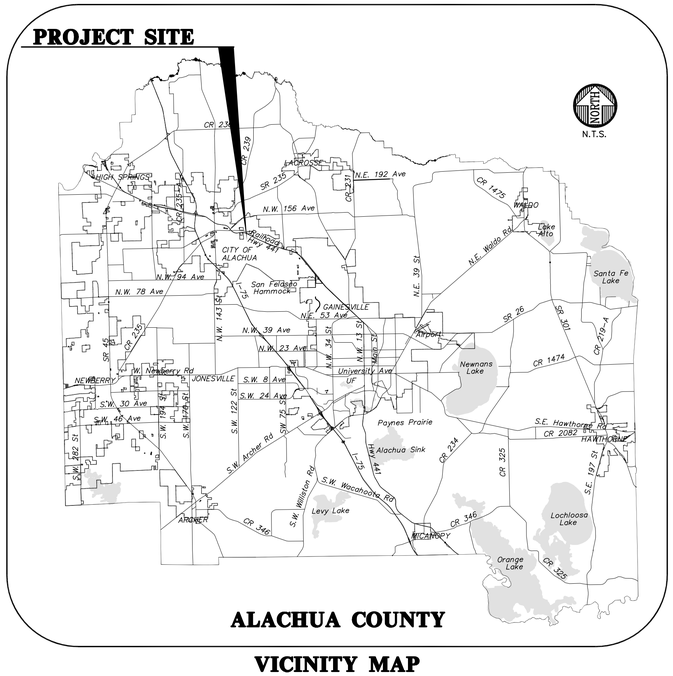
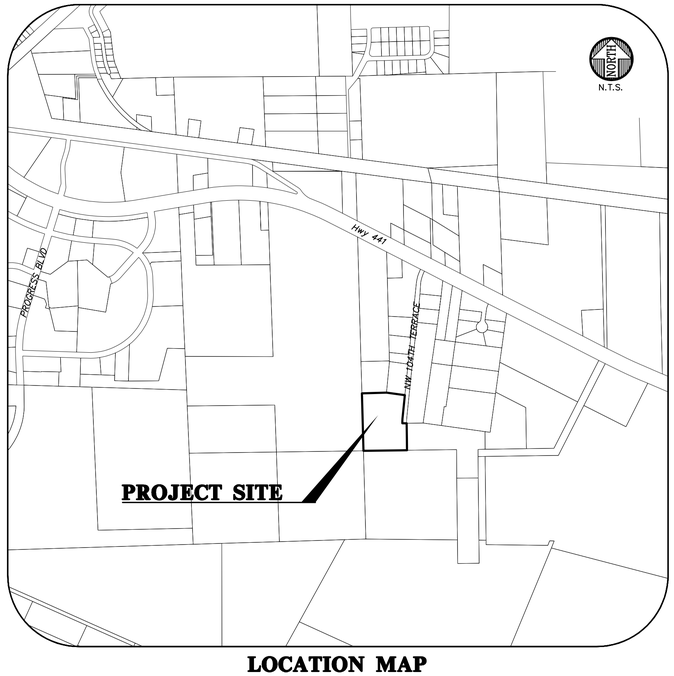


ALACHUA COUNTY
VICINITY MAP



LOCATION MAP

SHEET INDEX

SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
1–4 OF 4	BOUNDARY AND TOPOGRAPHIC SURVEY
C0.10	GENERAL NOTES
C0.11	LEGEND
C0.20	STORMWATER POLLUTION PREVENTION NOTES
C0.21	STORMWATER POLLUTION PREVENTION PLAN
C0.30	DEMOLITION AND TREE PROTECTION PLAN
C1.00	MASTER SITE PLAN
C1.10	DETAILED HORIZONTAL CONTROL AND SITE PLAN
C2.00	MASTER DRAINAGE PLAN
C2.10	DETAILED GRADING AND DRAINAGE PLAN
C2.20	STORMWATER MANAGEMENT FACILITY MODIFICATIONS PLAN
C2.30–C2.31	CONSTRUCTION DETAILS
C3.10	DETAILED UTILITY PLAN
C3.11	SANITARY SEWER PROFILE
L–101	LANDSCAPE DETAILS, NOTES, AND CALCULATIONS
L–102	PLANT SCHEDULE AND LANDSCAPE PLAN
L–103	LANDSCAPE PLAN
L–104	LANDSCAPE PLAN AND SPECIFICATIONS
IR–201	IRRIGATION DETAILS AND NOTES
IR–202	IRRIGATION SCHEDULE AND PLAN
IR–203	IRRIGATION PLAN
E102	ELECTRICAL SITE PHOTOMETRICS
A110.3	COVERED PARKING FLOOR PLAN AND ELEVATIONS
A210–A213	ARCHITECTURAL ELEVATIONS

CITY OF ALACHUA OPERATIONS CENTER
N.W. 104th Terrace
Alachua, FL 32615

WALKER ARCHITECTS
4055 NW 43rd Street, Suite 28
Gainesville, FL 32606
T: 352.672.6448
F: 352.672.6468
www.walker-arch.com
AA26002009

CHW Professional Consultants
DANIEL H. YOUNG, P.E.
FL PE No. 70780
132 NW 76th Drive
Gainesville, FL 32607
T: 352.331.1976 F: 352.331.2476
www.chw-inc.com
CA-5075

SEG Structural Engineers Group
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
Florida Certificate of Authorization #6523

MOSES & ASSOCIATES ENGINEERING
2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

Buford Davis + Associates
landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date

CONFORMANCE DOCUMENTS	09/23/2015

Drawing Title:

COVER SHEET AND INDEX

Arch. Project No.: 15023
Civil Project No.: 15-0150 Checked by: TFC

C0.00

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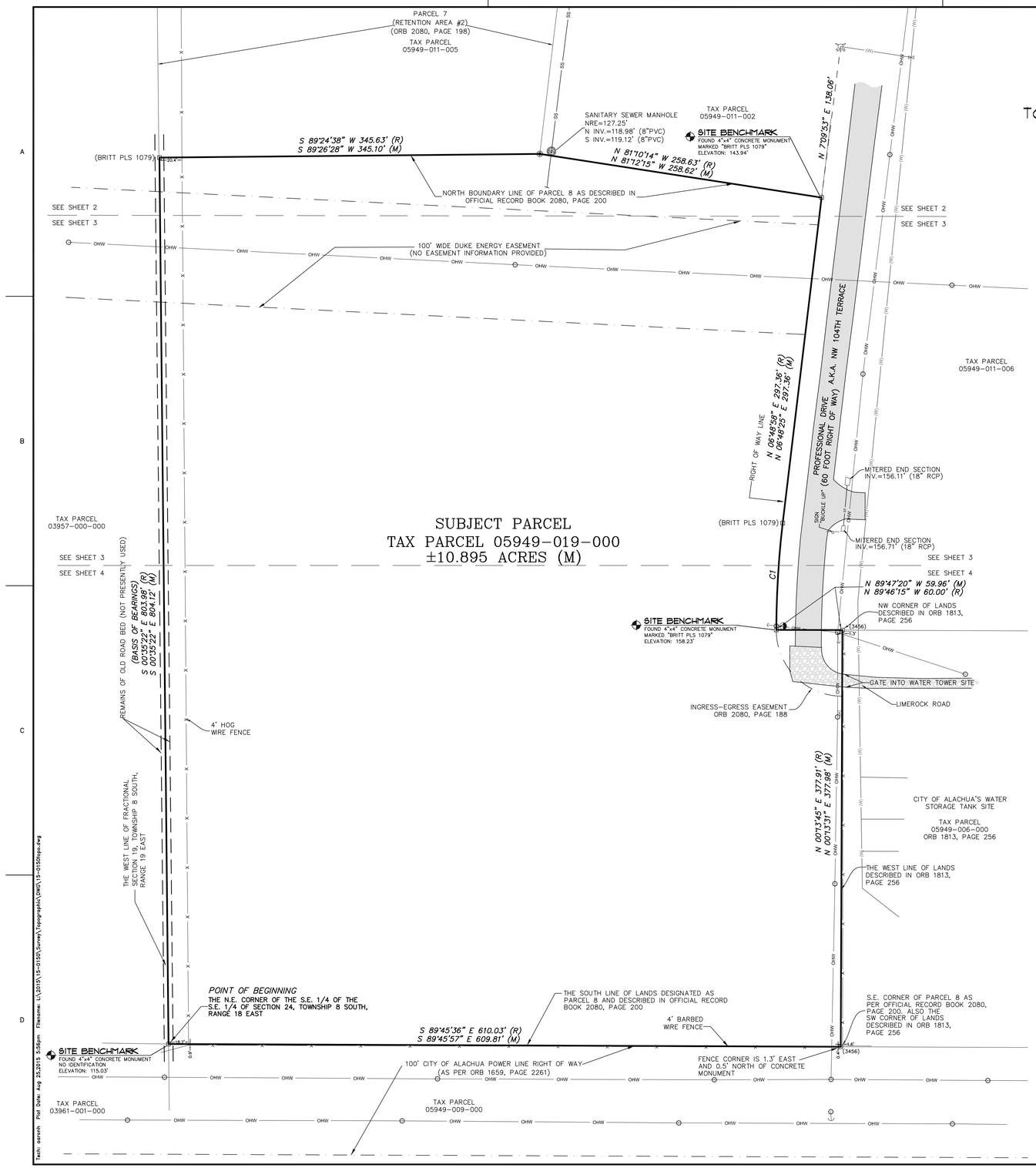
BOUNDARY & TOPOGRAPHIC SURVEY

LOCATED IN SECTION 19, AND THE S.D. FERNADEZ GRANT, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA

GRAPHIC SCALE
0 25 50 100



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C1 (R)	97.10'	850.02'	6°32'42"	NA	NA	NA

FLOOD ZONE:

THIS PROPERTY IS LOCATED IN FEDERAL FLOOD ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS INTERPOLATED FROM F.I.R.M. PANEL NO. 12001C0140D, **EFFECTIVE** DATE: JUNE 16, 2006.

LEGEND:

- = FOUND 4"X4" CONCRETE MONUMENT (MARKED AS SHOWN)
- = FOUND 5/8" STEEL REBAR & CAP MARKED "PRM LB 5075"
- = FIRE HYDRANT
- = GUY ANCHOR
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SURVEYOR'S NOTES:

1. THE BEARINGS SHOWN HEREON ARE BASED ON THE RECORD BEARING OF S 00°35'22"E. ALONG THE WEST BOUNDARY OF TAX PARCEL NUMBER 05949-019-000.

2. NO UNDERGROUND INSTALLATION OF UTILITIES OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.

3. THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND FOUNDATIONS WHICH MAY ENCROACH.

4. THE INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE COMMITMENT FILE NO. 14-26. THE ITEMS CONTAINED WITHIN SCHEDULE B – SECTION 2 ARE ADDRESSED AS FOLLOWS:

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7. BOUNDARY INFORMATION BASED ON PREVIOUS SURVEY BY THIS OFFICE UNDER JOB NUMBER 14-0547, DATED 12-10-2014.

8. THE ELEVATIONS AND CONTOURS SHOWN HERON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 USING THE FDOT PUBLISHED ELEVATION OF 33.314 METERS (109.30 FEET) FOR THE TOP OF A FDOT BRASS DISK (STAMPED I-75 BM 1) LOCATED AT THE SOUTHWEST CORNER OF A STORM INLET IN THE MEDIAN OF U.S. HIGHWAY 441. THE ELEVATION OF 109.30 FEET IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND HAS BEEN CONVERTED BY CORPSCON GEODETIC SOFTWARE TO AN ELEVATION OF 108.51 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

9. THIS SURVEY CONSISTS OF 4 SHEETS TOTAL, AND IS NOT COMPLETE WITHOUT ALL 4 SHEETS. SEE SHEET 1 FOR DETAILED BOUNDARY INFORMATION. SHEETS 2 THROUGH 4 FOR DETAILED TOPOGRAPHIC INFORMATION.

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est. 1988 FLORIDA LB-0075
CHW Professional Consultants

SCALE: 1" = 50'
VERIFY SCALE BAR IS ONE INCH ON YOUR DRAWING
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

WALKER ARCHITECTS, INC.
CITY OF ALACHUA

CERTIFIED TO:

SURVEY DATE: 6-11-2015
REVISION DATE: 6-30-2015
PROJECT NUMBER: 15-0150

TECHNICIAN: CS
CREW CHIEF: KM
CALCULATED BY: TRB
FIELD BOOK & PAGE: 476/40-49

THOMAS R. BON
Professional Surveyor & Mapper Flo. License No. 6547

This map prepared by:
Certificate of Authorization No. L.B. 5075
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

SHEET NO.: 1 OF 4

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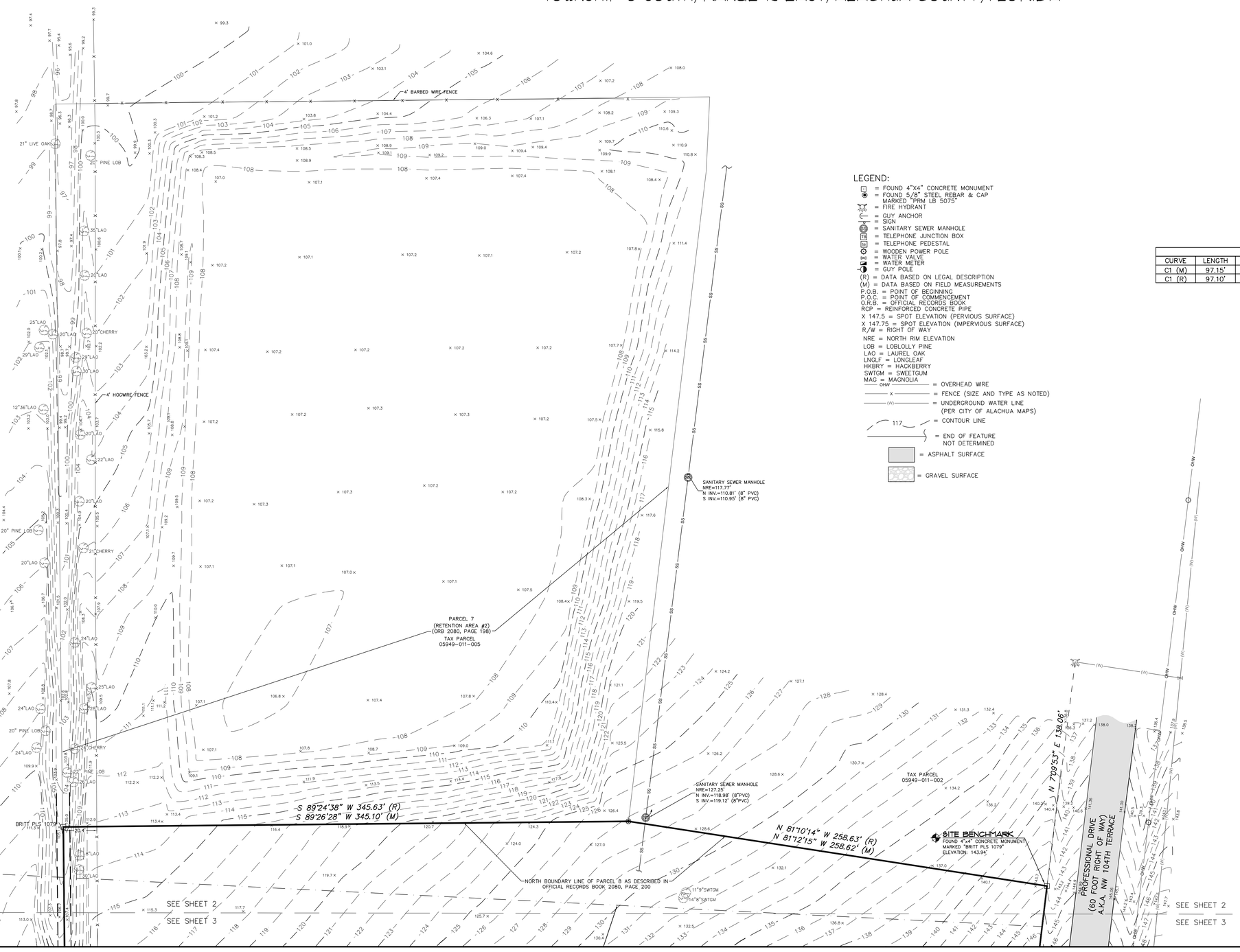

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CERTIFIED TO:

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NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

SHEET NO.: 2 OF 4

Tech: sprosh Plot Date: Aug 25,2015 5:57pm FileName: L:\2015\15-0150\Survey\topographic\DWG\15-0150topo.dwg

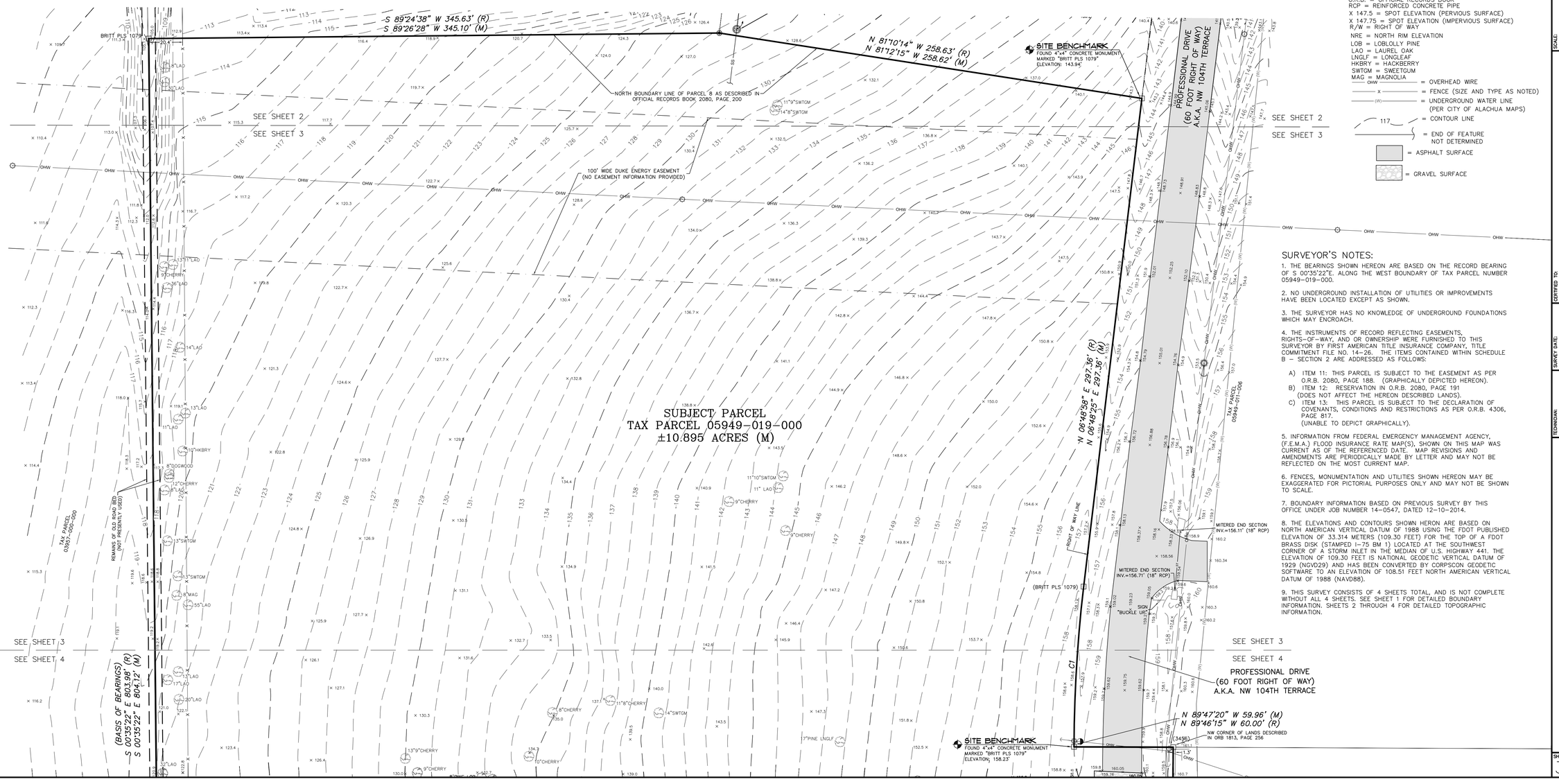
BOUNDARY & TOPOGRAPHIC SURVEY

LOCATED IN SECTION 19, AND THE S.D. FERNADEZ GRANT, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA

GRAPHIC SCALE
0 15 30 60

N

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BEARING
C1 (M)	97.15'	850.02'	6°32'55"	48.63'	97.10'	N03°25'39"E
C1 (R)	97.10'	850.02'	6°32'42"	NA	NA	NA



LEGEND:

- = FOUND 4"X4" CONCRETE MONUMENT
- = FOUND 5/8" STEEL REBAR & CAP MARKED "PRM LB 5075"
- = FIRE HYDRANT
- = GUY ANCHOR
- = SIGN
- = SANITARY SEWER MANHOLE
- = TELEPHONE JUNCTION BOX
- = TELEPHONE PEDESTAL
- = WOODEN POWER POLE
- = WATER VALVE
- = WATER METER
- = GUY POLE

(R) = DATA BASED ON LEGAL DESCRIPTION
(M) = DATA BASED ON FIELD MEASUREMENTS
P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
O.R.B. = OFFICIAL RECORDS BOOK
RCP = REINFORCED CONCRETE PIPE
X 147.5 = SPOT ELEVATION (PERVIOUS SURFACE)
X 147.75 = SPOT ELEVATION (IMPERVIOUS SURFACE)
R/W = RIGHT OF WAY
NRE = NORTH RIM ELEVATION
LOB = LOBLOLLY PINE
LAO = LAUREL OAK
LNGLF = LONGLEAF
HKBRY = HACKBERRY
SWTGM = SWEETGUM
MAG = MAGNOLIA
OHW = OVERHEAD WIRE
X = FENCE (SIZE AND TYPE AS NOTED)
(W) = UNDERGROUND WATER LINE (PER CITY OF ALACHUA MAPS)
117 = CONTOUR LINE
= END OF FEATURE NOT DETERMINED
= ASPHALT SURFACE
= GRAVEL SURFACE

SURVEYOR'S NOTES:

1. THE BEARINGS SHOWN HEREON ARE BASED ON THE RECORD BEARING OF S 00°35'22"E. ALONG THE WEST BOUNDARY OF TAX PARCEL NUMBER 05949-019-000.

2. NO UNDERGROUND INSTALLATION OF UTILITIES OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.

3. THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND FOUNDATIONS WHICH MAY ENCROACH.

4. THE INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE COMMITMENT FILE NO. 14-26. THE ITEMS CONTAINED WITHIN SCHEDULE B – SECTION 2 ARE ADDRESSED AS FOLLOWS:

A) ITEM 11: THIS PARCEL IS SUBJECT TO THE EASEMENT AS PER O.R.B. 2080, PAGE 188. (GRAPHICALLY DEPICTED HEREON).
B) ITEM 12: RESERVATION IN O.R.B. 2080, PAGE 191 (DOES NOT AFFECT THE HEREON DESCRIBED LANDS).
C) ITEM 13: THIS PARCEL IS SUBJECT TO THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS AS PER O.R.B. 4306, PAGE 817. (UNABLE TO DEPICT GRAPHICALLY).

5. INFORMATION FROM FEDERAL EMERGENCY MANAGEMENT AGENCY, (F.E.M.A.) FLOOD INSURANCE RATE MAP(S), SHOWN ON THIS MAP WAS CURRENT AS OF THE REFERENCED DATE. MAP REVISIONS AND AMENDMENTS ARE PERIODICALLY MADE BY LETTER AND MAY NOT BE REFLECTED ON THE MOST CURRENT MAP.

6. FENCES, MONUMENTATION AND UTILITIES SHOWN HEREON MAY BE EXAGGERATED FOR PICTORIAL PURPOSES ONLY AND MAY NOT BE SHOWN TO SCALE.

7. BOUNDARY INFORMATION BASED ON PREVIOUS SURVEY BY THIS OFFICE UNDER JOB NUMBER 14-0547, DATED 12-10-2014.

8. THE ELEVATIONS AND CONTOURS SHOWN HERON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 USING THE FDOT PUBLISHED ELEVATION OF 33.314 METERS (109.30 FEET) FOR THE TOP OF A FDOT BRASS DISK (STAMPED I-75 BM 1) LOCATED AT THE SOUTHWEST CORNER OF A STORM INLET IN THE MEDIAN OF U.S. HIGHWAY 441. THE ELEVATION OF 109.30 FEET IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND HAS BEEN CONVERTED BY CORPSCON GEODETIC SOFTWARE TO AN ELEVATION OF 108.51 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

9. THIS SURVEY CONSISTS OF 4 SHEETS TOTAL, AND IS NOT COMPLETE WITHOUT ALL 4 SHEETS. SEE SHEET 1 FOR DETAILED BOUNDARY INFORMATION. SHEETS 2 THROUGH 4 FOR DETAILED TOPOGRAPHIC INFORMATION.

132 NW 76th Drive
Gainesville, Florida 32607
(352) 331-1976, (352) 331-2476
www.chwinc.com
est. 1988 FLORIDA LB-5075
CHW Professional Consultants

SCALE: 1" = 30'
VERIFY SCALE BAR IS 1" INCH ON YOUR DRAWING
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

WALKER ARCHITECTS, INC.
CITY OF ALACHUA

CERTIFIED TO:

SURVEY DATE: 6-11-2015
REVISION DATE: 6-30-2015
PROJECT NUMBER: 15-0150

TECHNICIAN: CS
CREW CHIEF: KM
CHECKED BY: TRB
FIELD BOOK & PAGE: 476/40-49

THOMAS R. BON
Professional Surveyor & Mapper Flo. License No. 6547

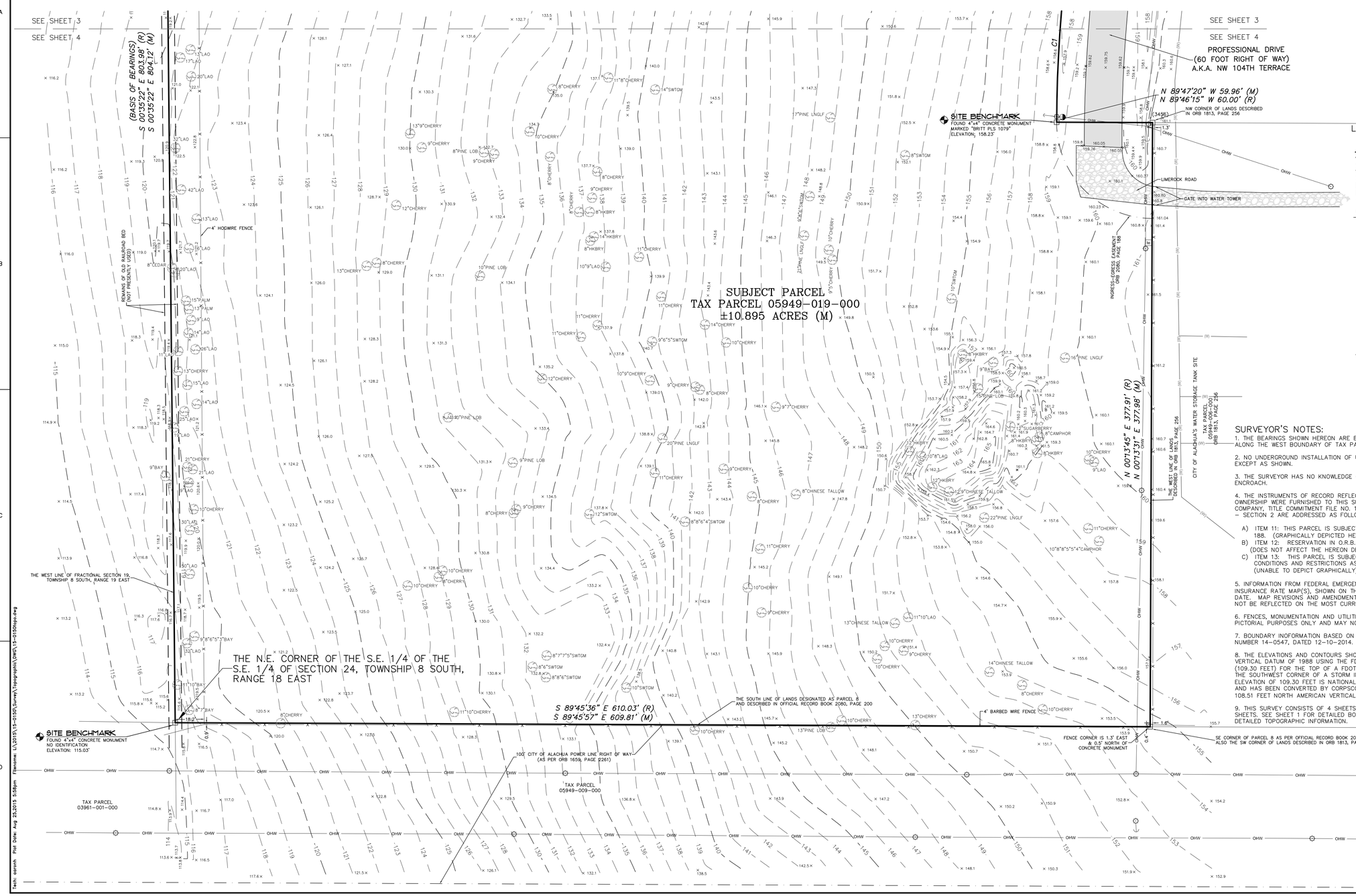
This map prepared by:
Certificate of Authorization No. LB. 5075
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

SHEET NO.: 3 OF 4

Tech: cscroh Plot Date: Aug 25,2015 5:57pm Filename: L:\2015\15-0150\Survey\Topographic\DWG\15-0150topo.dwg

BOUNDARY & TOPOGRAPHIC SURVEY

LOCATED IN SECTION 19, AND THE S.D. FERNADEZ GRANT,
TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA



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WALKER ARCHITECTS, INC.
CITY OF ALACHUA

CERTIFIED TO:

11-06-2015

SURVEY DATE:	6-11-2015
REVISION DATE:	
FIELD WORK BY:	6-30-2015
PROJECT NUMBER:	15-0150

TECHNICIAN: CS	DRAW CHIEF: KAM	REVIEWED BY: TRB
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SHEET NO.:
4 OF 4

Tech: dsrowh Plot Date: Aug 13,2015 5:58pm Filename: L:\2015\15-0150\Survey\Topographic\DWG\15-0150topo.dwg

GENERAL NOTES

1. THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY CAUSSEAUX, HEWETT, & WALPOLE, INC., AND DATED JUNE 11, 2015, REVISED JUNE 30, 2015.

2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE RESPECTIVE UTILITY COMPANIES SHALL RELOCATE ALL UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE APPROPRIATE UTILITY COMPANIES IN ORDER TO ALLOW MARKING OF THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION BY CALLING THE FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" 48 HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS. NO CONSTRUCTION ACTIVITY MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED.

4. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT ENVELOPE SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.

5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.

6. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.

7. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.

8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY AND/OR MUNICIPALITY INSTRUCTIONS.

9. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.

11. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.

12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND/OR SOILS ENGINEER, APPLICABLE REGULATORY AGENCIES, AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS OR SPECIFICATIONS. CONTRACTOR TO VERIFY ALL TESTING WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE TESTING LABORATORY AND/OR SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.

13. INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW SITE CONSTRUCTION. INSTALL SILT FENCE PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND PROVIDE TOE-IN. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE PROJECT SILT FENCE SHALL BE INSPECTED DAILY AND ANY CORRECTIVE MEASURES SHALL BE COMPLETED WITHIN 24 HOURS.

14. ALL TREE BARRICADES AND SILT FENCING SHALL BE INSPECTED BY CHW'S INSPECTOR PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION ACTIVITIES.

15. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

16. ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER'S ENGINEER OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE AREAS.

17. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, AS DIRECTED BY THESE PLANS, IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.

18. WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.

19. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS DATED 2015, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2015, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.

21. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.

22. ALL STRIPING WITHIN RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER.

23. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON-SITE. EXISTING BENCH MARKS SCHEDULED FOR REMOVAL SHALL BE RELOCATED AT CONTRACTORS EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.

24. ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITY'S ACT.

25. A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTOR, ENGINEER OF RECORD, AND THE OWNER SHALL MEET WITH THE CITY OF ALACHUA PRIOR TO INITIATION OF SITE CONSTRUCTION.

26. ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.

27. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NEEDED THROUGHOUT ALL CONSTRUCTION ACTIVITIES COVERED BY THESE PLANS. DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, 2015 EDITION, SECTION 120.

28. THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COST OF ALL CLEARING AND GRUBBING AND ALL WORK OF REMOVAL, DISPOSAL, AND REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS WHERE SHOWN IN THE PLANS, OR ORDERED BY THE ENGINEER TO BE REMOVED, OR WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).

29. AN AS-BUILT SURVEY MAY BE REQUIRED BY REGULATORY AGENCIES. CONTRACTOR TO COORDINATE WITH PROJECT OWNER FOR COMPLETION OF AS-BUILT SURVEYS PRIOR TO PROJECT / PERMIT CLOSE-OUT.

MAINTENANCE OF TRAFFIC (MOT) NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR CREATING A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS CONNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS CERTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS AND FDOT STANDARD SPECIFICATIONS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY THE CITY OF ALACHUA.

2. THE CONTRACTOR SHALL SUBMIT THE MOT TO THE APPROPRIATE REGULATORY AUTHORITY PRIOR TO WORK REQUIRING THE MOT FOR APPROVAL. NO WORK IN THE ROW SHALL OCCUR UNTIL THE MOT IS APPROVED.

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.

2. REMOVE ALL IMPROVEMENTS DEFINED ON THE DEMOLITION PLAN. SALVAGE ITEMS TO OWNER AS DEFINED BY THE OWNER'S REPRESENTATIVE AND CONSTRUCTION DOCUMENT SPECIFICATIONS.

3. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION.

4. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.

5. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEANLY AND COVERED OVER WITH SOIL BY THE END OF THE WORKING DAY.

6. ALL ASPHALT AND LIMEROCK WILL BE COMPLETELY REMOVED FROM AREAS THAT WILL BE LANDSCAPED. IN PARTICULAR, AREAS WHERE ASPHALT WILL BE REMOVED MUST HAVE THE TOP HARD SURFACE, LIMEROCK, AND COMPACTED SOIL REMOVED. REPLACEMENT SOIL SHALL BE CLEAN DEEP FILL OF PH 5.5 – 6.5. THE DEPTH OF UNCOMPACTED SOIL PRIOR TO PLANTING MUST BE AT LEAST 3 FEET TO ACCOMMODATE FUTURE TREE ROOT GROWTH. NO LIMEROCK, LARGE STONES, OR OTHER CONSTRUCTION DEBRIS CAN REMAIN IN AREAS TO BE LANDSCAPED.

PAVING, GRADING, AND DRAINAGE GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:

A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.

NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.

B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FDOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.

C. EXCAVATED STORMWATER FACILITIES SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION. THE FACILITIES SHALL BE ROUGH GRADED TO THE DESIGN ELEVATIONS. AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED. THE FACILITIES BOTTOM SHALL BE OVER-EXCAVATED BY SIX INCHES, SCARIFIED, BACKFILLED WITH ARCHER FILL (HAVING NO MORE THAN 5% PASSING NO. 200 SIEVE), AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.

D. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.

E. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.

F. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.

G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

2. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.

3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.

4. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.

5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.

6. GENERAL CONTRACTOR TO CONTACT ENGINEER OF RECORD AND THE OWNER REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO BACKFILLING TRENCHES FOR FIELD INSPECTION AND PRIOR TO LAYING ASPHALT FOR FIELD INSPECTION.

7. CONTRACTOR IS TO SUBMIT FDOT APPROVED ASPHALT DESIGN MIXES TO THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD BEFORE ANY WORK IS TO COMMENCE ON PROJECT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.

8. AS DETERMINED NECESSARY AND DIRECTED BY CITY OF ALACHUA OR ENGINEER OF RECORD, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL 24 INCHES BELOW THE BOTTOM OF ANY PROPOSED LIMEROCK BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FDOT INDEX NO. 500 AND 505.

9. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE OR LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.

10. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN. CURB RAMPS ARE NOT REQUIRED TO HAVE LANDINGS. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:

A. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

B. ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60" CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.

C. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60"X60". IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72" THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL BE SHOWN ON THE SITE PLAN.

11. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN AREAS DESIGNATED BY THE OWNER.

12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #29 UNDER SITE GENERAL NOTES.

13. ALL CONCRETE USED SHALL BE 2,500 PSI MINIMUM.

14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BOX COVERS AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND TOPS ADJUSTED TO MATCH PROPOSED GRADES.

15. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.

16. SOD SHALL BE PLACED AROUND ALL STRUCTURES AS DIRECTED BY THE FDOT INDEX NO. 281. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.

17. ALL STORM SEWER CURB AND DITCH BOTTOM INLETS SHALL CONFORM TO THE APPLICABLE FDOT INDEX. ALL DRAINAGE STRUCTURES WITH GRATES THAT ARE LOCATED IN GRASSED AREAS SHALL HAVE THE GRATE CHAINED TO THE STRUCTURE USING AN EYE BOLT AND CHAIN.

18. ALL CONCRETE STRUCTURES SHALL HAVE ALL EXPOSED EDGES CHAMFERED 3/4" AND CLASS I SURFACE FINISH.

19. ALL HDPE FITTINGS AND CONNECTORS SHALL BE SOIL TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.

20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MODE ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR RECORD.

21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 430.

WATER AND WASTEWATER GENERAL NOTES

1. MATERIALS AND CONSTRUCTION METHODS FOR WATER AND WASTEWATER SYSTEMS SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY CODES, PLANS, AND SPECIFICATIONS FOR CONSTRUCTION, LATEST REVISION THEREOF AND SUPPLEMENTAL SPECIFICATIONS THERETO. APPROVAL AND CONSTRUCTION OF ALL UTILITY EXTENSIONS AND CONNECTIONS MUST BE COORDINATED THROUGH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.

2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.

3. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATION AND RELOCATION AS REQUIRED.

4. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.

5. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES US THE CONTRACTOR'S RESPONSIBILITY.

6. ALL FORCE MAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.

7. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.

8. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN SIX FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND GRAVITY OR PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN THREE FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND VACUUM WASTEWATER MAINS. A HORIZONTAL SEPARATION OF THREE FEET SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

9. WHEN POTABLE WATER MAINS CROSS OTHER PIPES, THE TWO PIPES SHALL HAVE JOINTS A MINIMUM OF SIX FEET FROM THE CROSSING. WHEN POTABLE WATER MAINS CROSS UNDERNEATH OTHER PIPES, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE GRAVITY AND VACUUM WASTEWATER MAINS, STORM SEWERS, AND STORMWATER FORCE MAINS, THE PREFERRED VERTICAL SEPARATION IS TWELVE INCHES AND THE THE MINIMUM VERTICAL SEPARATION IS SIX INCHES.

10. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.

11. RESTRAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS IN ACCORDANCE WITH AWWA STANDARDS.

12. ALL PVC WATER SERVICE LINES SHALL BE SCH 40 PVC.

13. THE SITE WORK CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED UNDERGROUND UTILITY AND EXCAVATION CONSTRACTOR TO INSTALL THE NEW WATER SERVICE LINE.

14. ALL SANITARY SEWER SERVICE LATERALS SHALL BE 4" PVC SDR 35 OR 6" PVC SDR 35 WITH A CLEAN-OUT LOCATED PER THE PLANS. MINIMUM SLOPE FOR 4" LATERALS SHALL BE 1.0% AND A MINIMUM CLEANOUT SPACING OF 75 FEET ON-CENTER AND MINIMUM SLOPE FOR 6" LATERALS SHALL BE 0.6% AND A MINIMUM CLEANOUT SPACING OF 100 FEET ON-CENTER.

15. PUBLIC UTILITY EASEMENTS WILL BE PROVIDED AS REQUIRED FOR ALL UTILITIES SHOWN HEREON BY METES AND BOUND DESCRIPTION AND IN ACCORDANCE WITH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.

ELECTRIC SERVICE GENERAL NOTES

1. ALL ELECTRICAL UTILITIES AND INFORMATION SHOWN ON THE CIVIL PLANS ARE FOR LOCATION AND COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL PLANS BY OTHERS FOR THE ELECTRICAL DESIGN AND DETAILS.

2. ELECTRIC DESIGN PROVIDED BY OTHERS.

CITY OF ALACHUA
OPERATIONS
CENTER

N.W. 104th Terrace
Alachua, FL 32615

WALKER ARCHITECTS
4055 NW 43rd Street, Suite 28
Gainesville, FL 32606
T: 352.672.6448
F: 352.672.6468
www.walker-arch.com
AA26002009

CHW Professional Consultants
DANIEL H. YOUNG, P.E.
FL PE No. 70780
132 NW 76th Drive
Gainesville, FL 32607
T: 352.331.1976 F: 352.331.2476
www.chw-inc.com
CA-5075

SEG Structural Engineers Group
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
Florida Certificate of Authorization #6523

MOSES & ASSOCIATES ENGINEERING
2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

bda Buford Davis + Associates
landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date

CONFORMANCE DOCUMENTS 09/23/2015

Drawing Title:

GENERAL NOTES

Arch. Project No.: 15023
Civil Project No.: 15-0150 Checked by: TFC

C0.10

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Tech: thomasc Plot Date: Sep 23,2015 1:06pm Filename: L:\2015\15-0150\Engineering\DWGs\Production Files\15-0150-LG.dwg
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ABBREVIATIONS

	SYMBOLS
'	FEET (WHEN USED WITH LENGTHS)
°	DEGREES
'	MINUTES (WHEN USED WITH ANGLES)
"	SECONDS
%	PERCENT
@	AT
	A
AASHTO	ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC	ACRES
ADA	AMERICAN WITH DISABILITIES ACT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH	ARCHITECT
ARV	AIR RELEASE VALVE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
	B
BC	BACK OF CURB
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BOC	BACK OF CURB
BVCS	BEGIN VERTICAL CURVE STATION
BVCE	BEGIN VERTICAL CURVE ELEVATION
BW	BOTTOM OF WALL
BSL	BUILDING SETBACK LINE
	C
CATV	CABLE TELEVISION
CI	CURB INLET
CIP	CAST IRON PIPE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
COORD	COORDINATE
CR	COUNTY ROAD
C/O	CLEANOUT
	D
DBH	DIAMETER AT BREAST HEIGHT
DE	DRAINAGE EASEMENT
DEG	DEGREE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
	E
e	RATE OF ELEVATION
E	EAST
EA	EACH
EL	ELEVATION
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EOR	ENGINEER OF RECORD
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
ESMT	EASEMENT
EVCS	END VERTICAL CURVE STATION
EVCE	END VERTICAL CURVE ELEVATION
EX	EXISTING
	F
FAC	FLORIDA ADMINISTRATIVE CODE
FBR	FLORIDA BEARING RATIO
FC	FRICTION COURSE
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FHWA	FLORIDA HIGHWAY ADMINISTRATION
FIG	FIGURE
FM	FORCE MAIN
FOC	FACE OF CURB
FS	FLORIDA STATUTES
FT	FEET
	G
GALV	GALVANIZED
GM	GAS MAIN
GV	GATE VALVE
	H
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
	I
ID	IDENTIFICATION
INV	INVERT
INV EL	INVERT ELEVATION
IP	IRON PIPE
	K
K	VERTICAL CURVE RATE OF CHANGE
	L
L	LENGTH
LA	LANDSCAPE ARCHITECT
LBR	LIMEROCK BEARING RATIO
LDR	LAND DEVELOPMENT REGULATION
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
	M
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	N
N	NORTH
N-E	NORTHING - EASTING
N/A	NOT APPLICABLE
NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988
NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
NO	NUMBER
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
	O
OC	ON CENTER
OHW	OVERHEAD WIRE
ORB	OFFICIAL RECORDS BOOK
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
	P
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PERF	PERFORATED
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
	R
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RPM	RAISED REFLECTIVE PAVEMENT MARKER
RPZ	REDUCED PRESSURE ZONE
RT	RIGHT
RWM	RECLAIMED WATER MAIN
R/W	RIGHT-OF-WAY
	S
S	SOUTH
SAN	SANITARY
SHWE	SEASONAL HIGH WATER ELEVATION
SL	SLOPE
SP	SUPERPAVE
SR	STATE ROAD
SS	SANITARY SEWER
ST	STORM
STA	STATION
STD	STANDARD
	T
TCE	TEMPORARY CONSTRUCTION EASEMENT
TEMP	TEMPORARY
TOB	TOP OF BANK
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
	U
USF	UNITED STATES FOUNDRY
USGS	UNITED STATES GEOLOGICAL SURVEY
UTIL	UTILITY
	V
V	VERTICAL
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
	W
W	WEST
W	WATER
W/	WITH
WM	WATER MAIN
WW	WASTEWATER
WWF	WELDED WIRE FABRIC

SIGNAGE

SIGNS ARE PER FDOT SPECIFICATIONS OR PER MUTCD. SIGN POSTS AND INSTALLATION SHALL BE PER FDOT INDEX NO. 11860. SIGN PLACEMENT SHALL BE PER FDOT INDEX NO. 17302.

PARKING BY DISABLED PERMIT ONLY — FTP-20-06 (12" X 18") PER FDOT INDEX NO. 17355

STOP — R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION

- EX. PROPERTY LINE
- LANDSCAPE BUFFER LINE
- BUILDING SETBACK LINE
- WETLAND LIMITS LINE
- WETLAND SETBACK LINE
- CENTER LINE
- EASEMENT LINE
- RIGHT-OF-WAY LINE
- SF —— SF: SILT FENCE LINE
- TB —— TB: TREE BARRICADE LINE
- EX. STRUCTURE OR BUILDING
- PROPOSED BUILDING
- PROPOSED ASPHALTIC PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED DETECTABLE WARNING SURFACE
- DIRECTIONAL TRAFFIC ARROW PER FDOT INDEX NO. 17346
- WATERSHED DIVIDE
- 99: EX. ELEVATION CONTOUR
- 99: PROPOSED CONTOUR
- 93.2×: EX. SPOT ELEVATION
- 93.23: PROPOSED SPOT ELEVATION
- DIRECTION OF SURFACE DRAINAGE FLOW
- PROPOSED SWALE LINE
- x —— x: EX. FENCE
- PROPOSED FENCE
- 12" PINE: EX. TREE (SIZE & TYPE)
- 1234: EX. TREE (TREE ID)
- 12" PINE: EX. TREE TO BE REMOVED (SIZE & TYPE)
- 1234: EX. TREE TO BE REMOVED (TREE ID)
- PROJECT BENCHMARK

STORMWATER

THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER FDOT SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS.

- ST —— ST: EX. GRAVITY STORMWATER MAIN
- PROPOSED GRAVITY STORMWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)
- ST: EX. STORMWATER MANHOLE
- N-E LOCATION, TOP/RIM ELEV. LOCATION: PROPOSED 48" DIA. STORMWATER MANHOLE PER FDOT INDEX. NO. 2001 AND 201
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED CIRCULAR AREA DRAIN
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED SQUARE AREA DRAIN
- N-E LOCATION, TOP ELEV. LOCATION: PROPOSED TYPE 1 CURB INLET TOP PER FDOT INDEX NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP ELEV. LOCATION: PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP ELEV. LOCATION: PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP ELEV. LOCATION: PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX NO. 210 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP ELEV. LOCATION: PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX NO. 211 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP ELEV. LOCATION: PROPOSED TYPE 6 CURB INLET TOP PER FDOT INDEX NO. 211 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX NO. 214 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'C' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'E' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 233 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 233 (SEE PLANS FOR BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 232 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- N-E LOCATION, TOP/GRATE ELEV. LOCATION: PROPOSED TYPE 'J' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 234 (SEE PLANS FOR BOTTOM SPECIFICATION)
- PIPE INV. LOCATION, N-E LOCATION: PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES PER FDOT INDEX NO. 260 (SEE PLANS FOR SIZE)
- N-E LOCATION, INV. ELEV. LOCATION: PROPOSED FLARED END SECTION PER FDOT INDEX NO. 270 (SEE PLANS FOR SIZE)
- N-E LOCATION, PIPE INV. ELEV. LOCATION: PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 272 (SEE PLANS FOR SIZE)
- N-E LOCATION, PIPE INV. ELEV. LOCATION: PROPOSED SIDE DRAIN MITERED END SECTION PER FDOT INDEX NO. 273 (SEE PLANS FOR SIZE)
- S-10: PROPOSED STORMWATER STRUCTURE ID TAG

POTABLE AND RECLAIMED WATER

- W —— W: EX. POTABLE WATER MAIN
- P-W: PROPOSED POTABLE WATER MAIN
- RCW —— RCW: EX. RECLAIMED WATER MAIN
- P-RCW: PROPOSED RECLAIMED WATER MAIN
- 11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- 22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- 45° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- 90° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- TEE (POTABLE AND RCW)
- CROSS (POTABLE AND RCW)
- BLOWOFF ASSEMBLY (POTABLE AND RCW)
- REDUCER (POTABLE AND RCW)
- EX. GATE VALVE AND BOX (POTABLE AND RCW)
- PROPOSED GATE VALVE AND BOX (POTABLE AND RCW)
- EX. AIR RELEASE VALVE (POTABLE AND RCW)
- PROPOSED AIR RELEASE VALVE (POTABLE AND RCW)
- EX. FIRE HYDRANT ASSEMBLY
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SAMPLE POINT
- EX. WATER METER (POTABLE AND RCW)
- PROPOSED POTABLE WATER METER
- PROPOSED POTABLE WATER BACK FLOW PREVENTER
- PROPOSED RECLAIMED WATER METER
- W: EX. WATER WELL
- EX, HOSE BIB (POTABLE AND RECLAIMED)
- PROPOSED HOSE BIB (POTABLE AND RECLAIMED)
- 11: PROPOSED FITTING ID TAG (POTABLE AND RECLAIMED)

WASTEWATER

- WW —— WW: EX. GRAVITY WASTEWATER MAIN
- P-WW: PROPOSED GRAVITY WASTEWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)
- FM —— FM: EX. WASTEWATER FORCE MAIN
- P-FM: PROPOSED WASTEWATER FORCE MAIN
- SS: EX. WASTEWATER MANHOLE
- N-E LOCATION, RIM ELEV. LOCATION: PROPOSED WASTEWATER MANHOLE
- EX. WASTEWATER CLEANOUT
- PROPOSED WASTEWATER CLEANOUT
- PROPOSED WASTEWATER GREASE TRAP
- MH#: PROPOSED WASTEWATER MANHOLE ID
- 11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- 22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- 45° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- 90° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- WYE W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- EX. PLUG VALVE AND BOX (WW FORCE MAIN)
- PROPOSED PLUG VALVE AND BOX (WW FORCE MAIN)
- EX. AIR RELEASE VALVE (WW FORCE MAIN)
- PROPOSED AIR RELEASE VALVE (WW FORCE MAIN)

MISCELLANEOUS UTILITIES

THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED FOR COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS.

- P-ATT: PROPOSED AT&T LINE
- BC —— BC: EX. BURIED CABLE LINE
- P-BC: PROPOSED BURIED CABLE LINE
- BTEL: EX. BURIED TELEPHONE LINE
- P-TEL: PROPOSED TELEPHONE LINE
- CATV: EX. CABLE TELEVISION LINE
- P-TV: PROPOSED CABLE/TELEVISION LINE
- FO —— FO: EX. FIBER OPTIC LINE
- UGTEL: EX. UNDERGROUND TELEPHONE LINE
- te: EX. TELEPHONE PEDESTAL
- EX. TELEVISION/CABLE PEDESTAL
- CHW —— CHW: EX. CHILLED WATER MAIN
- P-CHW: PROPOSED CHILLED WATER MAIN
- FIRE: EX. FIRE MAIN
- P-FIRE: PROPOSED FIRE MAIN
- IRR —— IRR: EX. IRRIGATION LINE
- P-IRR: PROPOSED IRRIGATION LINE
- STEAM: EX. STEAM LINE
- P-STEAM: PROPOSED STEAM LINE
- P-CLAY: PROPOSED CLAY ELECTRIC LINE
- E —— E: EX. ELECTRIC LINE
- P-E: PROPOSED ELECTRIC LINE
- EN —— EN: EX. ENERGY LINE
- P-LIGHT: PROPOSED PRIVATE LIGHTING LINE
- OHW —— OHW: EX. OVERHEAD WIRE LINE
- UGE —— UGE: EX. UNDERGROUND ELECTRIC LINE
- EX. LIGHT
- EX. UTILITY POLE
- EX. UTILITY POLE
- EX. WOOD POWER POLE
- EX. GUY ANCHOR
- T: PROPOSED TRANSFORMER
- GAS —— GAS: EX. GAS LINE
- P-GAS: PROPOSED GAS LINE
- G: EX. GAS MARKER
- G: EX. GAS MARKER

NOTES:
1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A PART OF THIS PLAN SET.

2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

CITY OF ALACHUA OPERATIONS CENTER

N.W. 104th Terrace
Alachua, FL 32615

WALKER ARCHITECTS
4055 NW 43rd Street, Suite 28
Gainesville, FL 32606
T: 352.672.6448
F: 352.672.6468
www.walker-arch.com
AA26002009

CHW Professional Consultants

DANIEL H. YOUNG, P.E.
FL PE No. 70780

132 NW 76th Drive
Gainesville, FL 32607
T: 352.331.1976 F: 352.331.2476
www.chw-inc.com
CA-5075

SEG Structural Engineers Group Incorporated
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
Florida Certificate of Authorization #6523

MOSES & ASSOCIATES ENGINEERING
2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

bda Buford Davis + Associates
landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date
	CONFORMANCE DOCUMENTS	09/23/2015

Drawing Title:

LEGEND

Arch. Project No.: 15023
Civil Project No.: 15-0150 Checked by: TFC

C0.11

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I. INTRODUCTION

THIS DOCUMENT WAS PREPARED IN ORDER TO ILLUSTRATE COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE AND IS ORGANIZED TO CORRESPOND TO PART V OF FDEP DOCUMENT NO. 62-621.300(4)(a). FDEP FORM 62-621.300(4)(b) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT.

II. SITE DESCRIPTION

COUNTY:	ALACHUA COUNTY, FLORIDA
SECTION, TOWNSHIP, RANGE:	SECTION 19, TOWNSHIP 8 SOUTH, RANGE 19 EAST
COUNTY PARCEL NO.:	05949-019-000
STREET ADDRESS:	NW 104TH TERRACE
PROJECT AREA:	10.90 ACRES ONSITE, 3.80 ACRES OFFSITE
SITE LOCATION MAP:	SEE COVER SHEET OF CONSTRUCTION DRAWINGS

A. NATURE OF CONSTRUCTION ACTIVITY

THE PROPOSED DEVELOPMENT IS THE CONSTRUCTION OF ±8,003 SF OPERATIONS CENTER AND ±9,902 SF WAREHOUSE AREA, ALONG WITH ASSOCIATED PARKING, OUTDOOR STORAGE AREA, STORMWATER, UTILITIES, AND RELATED SITE IMPROVEMENTS. THE PROJECT SITE IS LOCATED AT NW 104TH TERRACE, ALACHUA, FLORIDA. THE ONSITE PROJECT AREA IS APPROXIMATELY 10.90 ACRES. IN ADDITION, CONSTRUCTION INCLUDES CONNECTING TO AN EXISTING OFFSITE STORMWATER MANAGEMENT FACILITY WHICH WILL BE MODIFIED TO SERVE THIS PROJECT.

B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

1. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013, AND THESE PLANS.
2. THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.
3. ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.
4. THE PROPOSED STORMWATER MANAGEMENT FACILITY SHALL BE CONSTRUCTED.
5. IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.
6. THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY SHALL BE CLEARED AND GRUBBED.
7. THE PERMANENT ROADWAYS/DRIVEWAYS SHALL BE ROUGHLY GRADED.
8. THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY.
9. THE PERMANENT ROADWAY/DRIVEWAY SUBGRADE SHALL BE COMPACTED, A LIMEROCK BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT.
10. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
11. UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY SHALL BE FINE GRADED AND BE EXCAVATED A MINIMUM OF SIX INCHES BELOW THE DESIGN BOTTOM ELEVATION AND REPLACED WITH FILL HAVING A MINIMUM PERMEABILITY RATE OF 20 FEET/DAY WITH A MAXIMUM OF 5% SOIL FINES PASSING THE NO. 200 SIEVE. THE BOTTOM SHALL BE SCARIFIED AND STABILIZED ACCORDING TO THESE PLANS. ONCE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITHIN THE STORMWATER MANAGEMENT FACILITY.
12. ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THESE PLANS. TURF ESTABLISHMENT SHALL BE PER FDOT STANDARD SPECIFICATIONS SECTION 570. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

C. SITE DEVELOPMENT DATA:

TOTAL PROJECT SITE AREA:	10.90 ACRES ONSITE, 3.80 ACRES OFFSITE
TOTAL SITE AREA ONSITE TO BE DISTURBED:	3.90 ACRES
TOTAL SITE AREA OFFSITE TO BE DISTURBED:	3.55 ACRES
TOTAL IMPERVIOUS AREA (ONSITE, AS SHOWN IN CONSTRUCTION DRAWINGS):	1.43 ACRES
TOTAL IMPERVIOUS AREA (OFFSITE, AS SHOWN IN CONSTRUCTION DRAWINGS):	0.02 ACRES
TOTAL DETENTION VOLUME:	13.63 AC-FT
TOTAL OPEN AREA ONSITE:	9.47 ACRES

D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF ARRENDONDO FINE SAND, FORT MEAD FINE SAND, LOCHLOOSA FINE SAND, KENDRICK SAND, GAINESVILLE SAND, AND NORFOLK LOAMY FINE SAND. CSE ENGINEERING AND CONSULTING INC., CONDUCTED A GEOTECHNICAL EXPLORATION OF THE PROPOSED STORMWATER MANAGEMENT FACILITY LOCATION IN JULY OF 2015. THE INVESTIGATION REVEALED THAT THE PROJECT SITE'S SURFACE SOILS HAVE THE FOLLOWING CHARACTERISTICS:

DEPTH TO EFFECTIVE OR MOBILIZED AQUIFER:	13 FT BENEATH EXISTING BASIN BOTTOM
DEPTH OF SEASONAL HIGH WATER TABLE:	13 FT BENEATH EXISTING BASIN BOTTOM
HORIZONTAL HYDRAULIC CONDUCTIVITY:	1 FT/DAY
UNSATURATED VERTICAL INFILTRATION:	1 FT/DAY

DESIGN PERCOLATION RATES FOR THE STORMWATER MANAGEMENT FACILITY WERE DETERMINED BASED ON LABORATORY PERMEABILITY TEST RESULTS FROM BORING SAMPLES TAKEN WITHIN THE LIMITS OF THE STORMWATER MANAGEMENT FACILITY.

THE STORMWATER MANAGEMENT FACILITY WAS DESIGNED TO PROVIDE RATE AND VOLUME CONTROL AND WATER QUALITY TREATMENT OF THE STORMWATER RUNOFF RESULTING FROM THE POST-DEVELOPMENT SITE UNDER 100-YEAR CRITICAL STORM EVENT RAINFALL CONDITIONS. THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) DEPICTS THE POST-DEVELOPMENT WATERSHED LIMITS AND THE TABLE BELOW SUMMARIZES EACH WATERSHED.

WATERSHED ID	POST DEVELOPMENT AREA (ACRES)	POST DEVELOPMENT RUNOFF FACTOR (CN)	POST DEVELOPMENT IMPERVIOUS AREA (ACRES)*	STORMWATER MANAGEMENT FACILITY TYPE	FACILITY DETENTION CAPACITY (ACRE-FEET)	100-YEAR/24-HR FLOOD ELEVATION (FT)
SMF-1	15.79	69	5.21	DRY RETENTION/ DETENTION	13.63	107.55

*INCLUDES 1.43 ACRES OF PROPOSED ONSITE IMPERVIOUS AREA, 0.47 ACRES OF EXISTING OFFSITE IMPERVIOUS AREA, 0.02 ACRES OF PROPOSED OFFSITE IMPERVIOUS AREA, AND 3.29 ACRES OF PERMITTED OFFSITE FUTURE IMPERVIOUS AREA.

E. SITE MAP

PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS.

F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY

THE STORMWATER MANAGEMENT FACILITY 1 OUTFALL STRUCTURE IS LOCATED AT THE NORTHWEST PORTION OF THE PROJECT (29°46'40" N, 82°27'36" W) AND THE ASSOCIATED RECEIVING WATER BODY IS U.S. 441 (FDOT DISTRICT 2 MS4).

III. CONTROLS TO REDUCE POLLUTION

AS OUTLINED IN THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) PERMIT, ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. THESE MEASURES MUST BE INSPECTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL AS DIRECTED BY THESE PLANS. THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) AND SECTION IV BELOW PROVIDE DETAILS ON THE SPECIFIC CONTROL MEASURES TO REDUCE STORMWATER POLLUTION.

IV. EROSION AND SEDIMENT CONTROLS

A. STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21). TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21). STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED. AS SPECIFIED IN SECTION II.B. ABOVE, UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT AFTER THE COMPLETION OF CONSTRUCTION. ALL TURF ESTABLISHMENT SHALL BE PERFORMED MEETING THE REQUIREMENTS OF SECTION 570 OF THE STANDARD SPECIFICATIONS. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.

B. STRUCTURE PRACTICES

AS DEPICTED IN THE STORMWATER POLLUTION PREVENTION PLAN (C0.21), A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED AND WILL BE COMPRISED OF A DRY RETENTION/DETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING WILL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED ACCORDING TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013 OR PER DETAILS PROVIDED ON SHEET C0.21 UNTIL CONSTRUCTION IS COMPLETE. THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

C. DRAINAGE LOCATIONS THAT SERVE AREAS WITH LESS THAN 10 DISTURBED ACRES

AS SPECIFIED IN THE "SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES," THE SMF WILL BE CONSTRUCTED PRIOR TO CLEARING AND GRUBBING OUTSIDE OF THE SMF AREA AND CONSTRUCTION OF THE PERMANENT PAVED AREAS. THE TOTAL CONTRIBUTING DRAINAGE AREA TO THE STORMWATER MANAGEMENT SYSTEM IS APPROXIMATELY 15.79 ACRES AND WILL CONSIST OF APPROXIMATELY 7.45 ACRES OF DISTURBED CONSTRUCTION AREA. THEREFORE, NO ADDITIONAL SEDIMENT TRAP BASINS ARE NECESSARY TO PROVIDE SEDIMENT STORAGE ON-SITE DURING CONSTRUCTION. AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21), THE PROPOSED STORMWATER MANAGEMENT SYSTEM WILL PREVENT OFF-SITE EROSION DURING CONSTRUCTION. SILT FENCES OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATION, OUTLET LOCATIONS, AND OTHER LOCATIONS AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN, AS REQUIRED. BY COMPLETION OF CONSTRUCTION, THE SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

D. DRAINAGE LOCATIONS THAT SERVE AREAS WITH MORE THAN 10 DISTURBED ACRES

NOT APPLICABLE, SEE SECTION C, ABOVE.

V. STORMWATER MANAGEMENT

A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS, STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY, SMF(S) SIDE SLOPES SHALL BE MAINTAINED TO PREVENT EROSION, AND LANDSCAPING AND GRASS THAT PREVENTS EROSION SHALL BE MAINTAINED. ADDITIONALLY, REMEDIAL ACTIONS SHALL BE TAKEN SHOULD THE SMF(S) NOT PERFORM AS DESIGNED.

B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING. SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATIONS, AS REQUIRED.

C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIP RAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

A. WASTE DISPOSAL

THE CONTRACTOR SHALL PROVIDE LITTER COLLECTION CONTAINERS WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.

B. DUST CONTROL

TO PREVENT OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED BY THE SITE CONTRACTOR. PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATION(S).

C. EXISTING VERSUS PROPOSED POTABLE AND SANITARY SEWER SYSTEMS

THERE ARE NO EXISTING SANITARY SEWER AND POTABLE WATER SYSTEMS LOCATED ON THE PROJECT SITE. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE, WILL BE DIRECTED BY THE LANDSCAPE PLAN AND THE FDOT STANDARD SPECIFICATIONS SECTION 570, TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO GUARD AGAINST OVER-USE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

E. TOXIC MATERIAL

THE CONSTRUCTION SITE WILL BE IN FULL COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS.

VII. APPROVED STATE AND LOCAL PLANS

THE CONSTRUCTION DRAWINGS FOR THE PROJECT WERE APPROVED AND PERMITTED BY THE FOLLOWING AGENCIES:

* CITY OF ALACHUA
* SUWANNEE RIVER WATER MANAGEMENT DISTRICT
* FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

VIII. CONSTRUCTION ACTIVITY DISCHARGES

IN ACCORDANCE WITH THIS PLAN, THERE ARE NO ANTICIPATED DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES.

IX. CHANGES TO THE POLLUTION PREVENTION PLAN

THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGE IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE PERMITTEE RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE PERMITTEE SHALL PROVIDE A RE-CERTIFICATION OF THIS POLLUTION PREVENTION PLAN, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATE, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

X. ALTERNATIVE PERMIT REQUIREMENTS

NO ALTERNATIVE PERMIT REQUIREMENTS ARE REQUESTED.

XI. MAINTENANCE

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE. IN ADDITION TO THE TIMES MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE SMF(S) DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM SILT FENCING WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. UPON FINAL COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY CITY OF ALACHUA, THE OPERATION AND MAINTENANCE ENTITY WILL BE THE CITY OF ALACHUA.

XII. INSPECTIONS

THE CONTRACTOR SHALL INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR ALL DISTURBED AREAS ON THE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. FOR POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AN MS4, A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL PERFORM THE REQUIRED INSPECTIONS. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS 0.50 INCHES OR GREATER. LOCATIONS WHERE THE SITE IS COMPLETELY CONSTRUCTED AND STABILIZED, SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A MONTH. ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM, A COPY OF WHICH IS PROVIDED ON THIS SHEET. MORE SPECIFICALLY, THE INSPECTION SHALL ENSURE THE FOLLOWING CATEGORIES.

A. DISTURBED AREAS

ALL DISTURBED AREAS AND AREAS USED FOR MATERIAL STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

B. MAINTENANCE PERFORMANCE

BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER COMPLIANCE WITH THIS PLAN SHALL BE DONE IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION.

C. REPORTING REQUIREMENTS

ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM, A COPY OF WHICH IS PROVIDED ON THIS SHEET. THIS FORM IS CREATED TO SUMMARIZE THE SCOPE OF THE INSPECTION, THE NAME(S) AND QUALIFICATION OF THE INSPECTOR(S), THE DATE OF INSPECTION, RAINFALL DATA, OBSERVATIONS, THE ACTIONS TAKEN TO CORRECT INCIDENTS OF NON-COMPLIANCE WITH THE PROVISIONS OF THIS PLAN. IF NO INCIDENTS OF NON-COMPLIANTS ARE OBSERVED, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE ASSOCIATED PERMIT.

XIII. NON-STORMWATER DISCHARGES

IN ADDITION TO STORMWATER RUNOFF, THIS PLAN APPLIES TO RUNOFF FROM IRRIGATION OPERATIONS AND CONSTRUCTION PRACTICES. THIS PLAN DOES NOT PERTAIN TO DISCHARGES FROM FIRE FIGHTING ACTIVITIES.

XIV. CONTRACTORS CERTIFICATION

THE CONTRACTORS OR SUB-CONTRACTORS SHALL PHOTOCOPY AND COMPLETE THE FORM ON THIS PAGE. IT SHALL BE PROVIDED TO THE OWNER AND KEPT ON FILE PURSUANT TO SECTION XV REGARDING PROJECT RECORDS.

XV. RETENTION OF RECORDS

THE PERMITTEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.

THE PERMITTEE SHALL RETAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS, RECORDS, AND DOCUMENTATION REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOTICE OF INTENT, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

XVI. NOTICE OF TERMINATION

NOTICE OF TERMINATION:

1. WHERE A SITE HAS BEEN FINALLY STABILIZED AND ALL STORMWATER DISCHARGES AUTHORIZED BY THIS PERMIT ARE ELIMINATED, THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION (DEP FORM 62-621.300(6)), SIGNED IN ACCORDANCE WITH PART VII.C OF DEP DOCUMENT NO. 62-621.300(4)(a), WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT.
2. ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MEANS THAT ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN ELIMINATED.
3. FOR CONSTRUCTION ACTIVITIES WHERE THE OPERATOR CHANGES, THE EXISTING OPERATOR SHALL FILE AN N.O.T. IN ACCORDANCE WITH THIS PART WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.

THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION TO THE FOLLOWING ADDRESS:

NPDES STORMWATER NOTICES CENTER, MS# 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

PROJECTS THAT DISCHARGED STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) SHALL SUBMIT A COPY OF THE N.O.T. TO THE OPERATOR OF THE MS4.

Responsible Authority Certification
Stormwater Pollution Prevention Plan

Site: City of Alachua Operations Center
Alachua, Florida

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manages the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME (RESPONSIBLE AUTHORITY) _____ DATE _____

Contractor/Subcontractor Certification Statement
Stormwater Pollution Prevention Plan

The contractor(s) or sub-contractor(s) responsible for complying with this stormwater pollution prevention plan shall sign the certification statement below. Multiple copies of this certification statement may be necessary depending on the number of sub-contractors associated with the project

Site: City of Alachua Operations Center
Alachua, Florida

Contracting Firm: _____
NAME
ADDRESS
TELEPHONE NUMBER

I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder.

NAME _____ TITLE _____
ADDRESS _____ DATE _____

Stormwater Pollution Prevention Plan
Inspection Report

Inspector: _____ Date: _____ Time: _____

Date of last rainfall: _____ Amount of last rainfall: _____

Stabilization Measures

LOCATION	CONDITION	ACTION REQUIRED

If no action required, mark "N.A."

Note: To be completed every 7 days and within 24 hours of a rainfall event of 0.25 inch or more.

Structural Controls

LOCATION/TYPE	CONDITION	MAINTENANCE REQUIRED

If no maintenance required, mark "N.A."

Recommended Actions: _____

Results of Previous Recommended Actions: _____

Other Control

	CONDITION		
	GOOD	FAIR	POOR
Condition of construction entrance/exit?			
Condition of construction access road surface?			
General appearance of site re: trash and debris.			
Appearance of portables for sanitary discharge?			
Materials available for emergency spill response?			
Paint/cleaning compound storage areas condition?			
Lay-down area condition?			

Recommended Actions: _____

Results of Previous Recommended Actions: _____

Inspector Signature: _____ Date: _____ Time: _____

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

CITY OF ALACHUA OPERATIONS CENTER

N.W. 104th Terrace
Alachua, FL 32615

WALKER ARCHITECTS
4055 NW 43rd Street, Suite 28
Gainesville, FL 32606
T: 352.672.6448
F: 352.672.6468
www.walker-arch.com
AA26002009

CHW Professional Consultants
DANIEL H. YOUNG, P.E.
FL PE No. 70780
132 NW 76th Drive
Gainesville, FL 32607
T: 352.331.1976 F: 352.331.2476
www.chw-inc.com
CA-5075

SEG Structural Engineers Group
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
Florida Certificate of Authorization #6523

MOSES & ASSOCIATES ENGINEERING
2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

bda Buford Davis + Associates landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date
	CONFORMANCE DOCUMENTS	09/23/2015

Drawing Title:

STORMWATER POLLUTION PREVENTION NOTES

Arch. Project No.: 15023
Civil Project No.: 15-0150
Checked by: TFC

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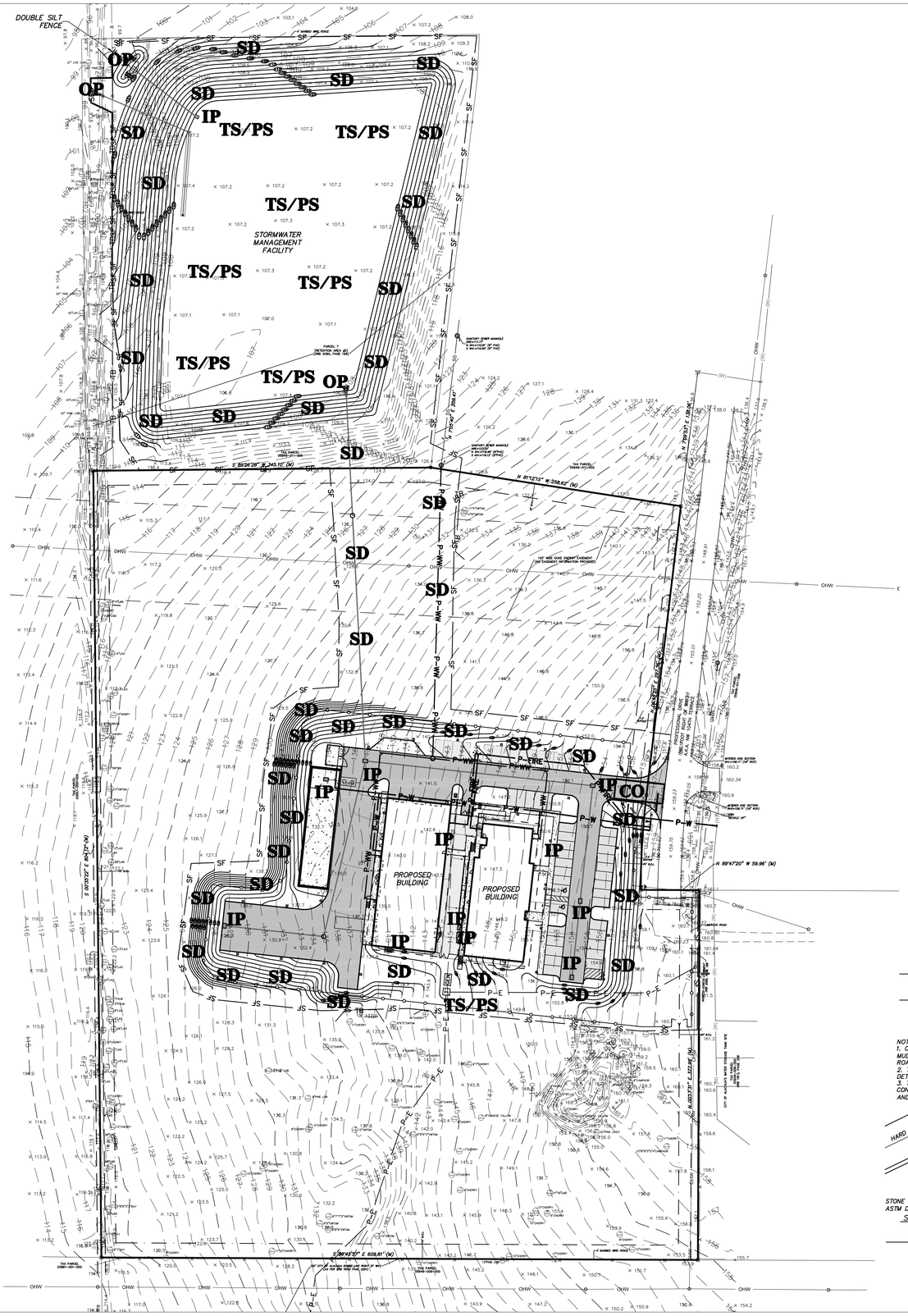
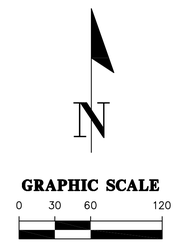
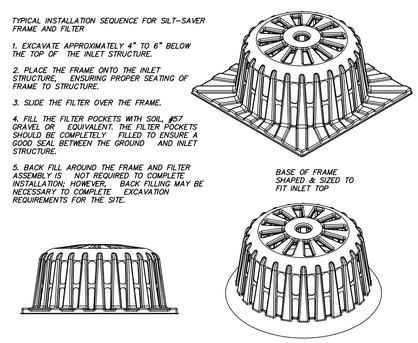
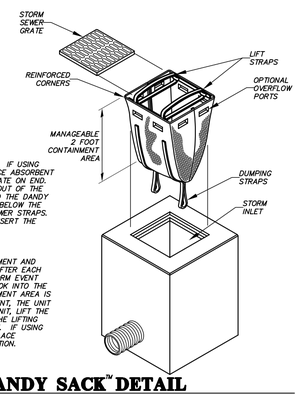




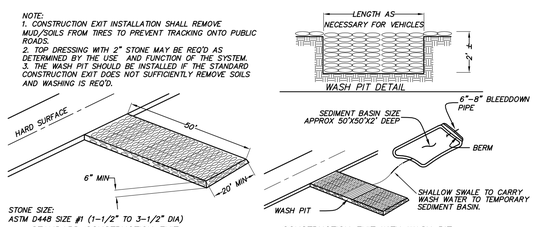


SILT-SAVER® DETAIL
NTS



DANDY SACK™ DETAIL
NTS

INLET PROTECTION OPTIONS DETAIL
NTS



TEMPORARY CONSTRUCTION EXIT DETAIL
NTS

STORMWATER POLLUTION PREVENTION LEGEND

- **TS** = TEMPORARY SEEDING
- **PS** = PERMANENT SEEDING
- **ML** = MULCHING
- **SD** = SOD STABILIZATION
- **SF** = SILT BARRIER
- **TB** = TREE BARRIER
- **IP** = INLET PROTECTION
- **OP** = OUTLET PROTECTION
- **CO** = CONSTRUCTION ENTRANCE/EXIT

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Alachua, FL 32615

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T: 352.672.6448
F: 352.672.6468
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AA26002009

CHW Professional Consultants
DANIEL H. YOUNG, P.E.
FL PE No. 70780
132 NW 76th Drive
Gainesville, FL 32607
T: 352.331.1976 F: 352.331.2476
www.chw-inc.com
CA-5075

SEG Structural Engineers Group
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
Florida Certificate of Authorization #6523

MOSES & ASSOCIATES ENGINEERING
2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

Buford Davis + Associates
landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date

CONFORMANCE DOCUMENTS 09/23/2015

Drawing Title:

STORMWATER POLLUTION PREVENTION PLAN

Arch. Project No.: 15023
Civil Project No.: 15-0150 Checked by: TFC

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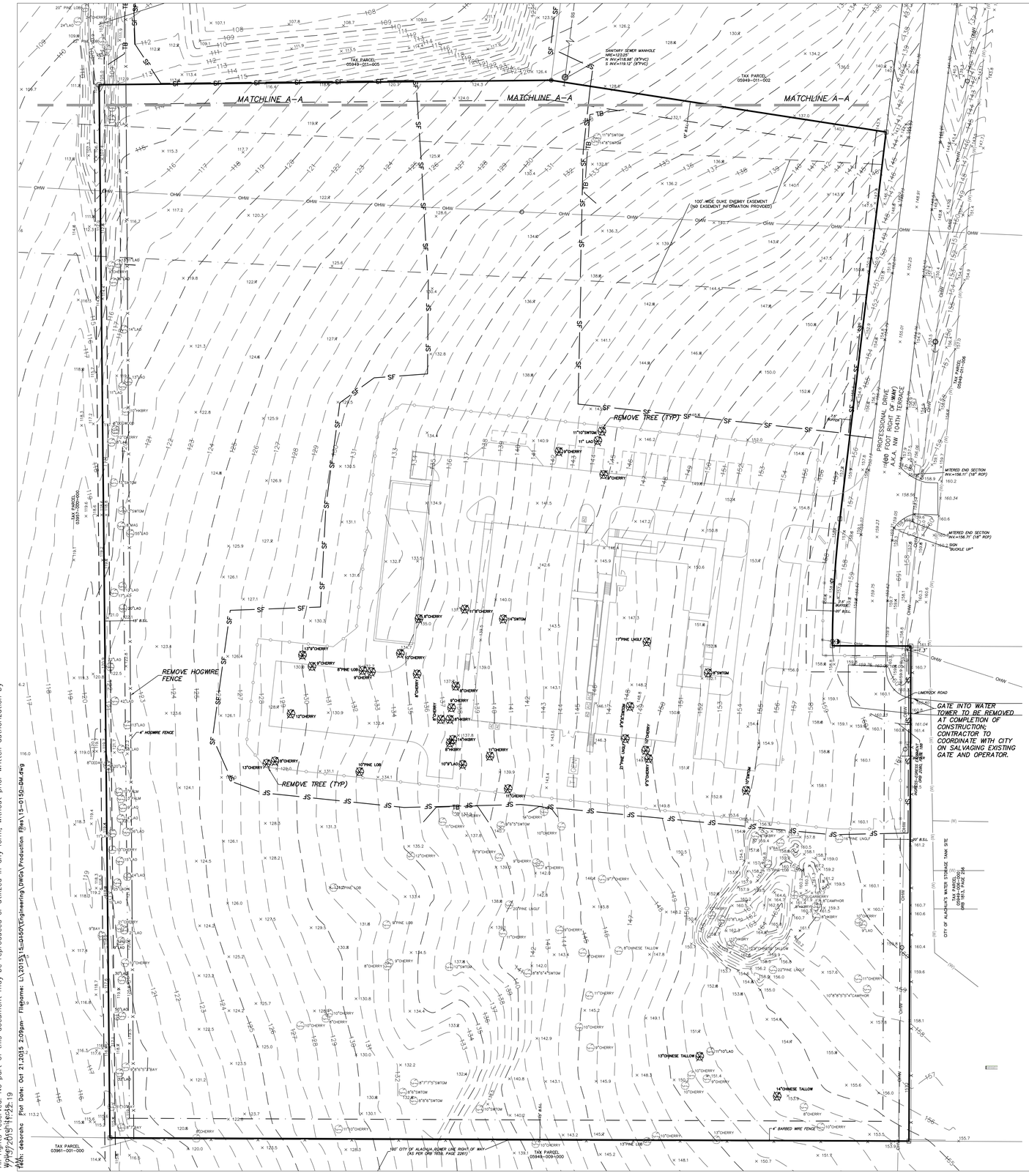


NOTE:

– CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.

– CONTRACTORS SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING OR BETTER CONDITION.

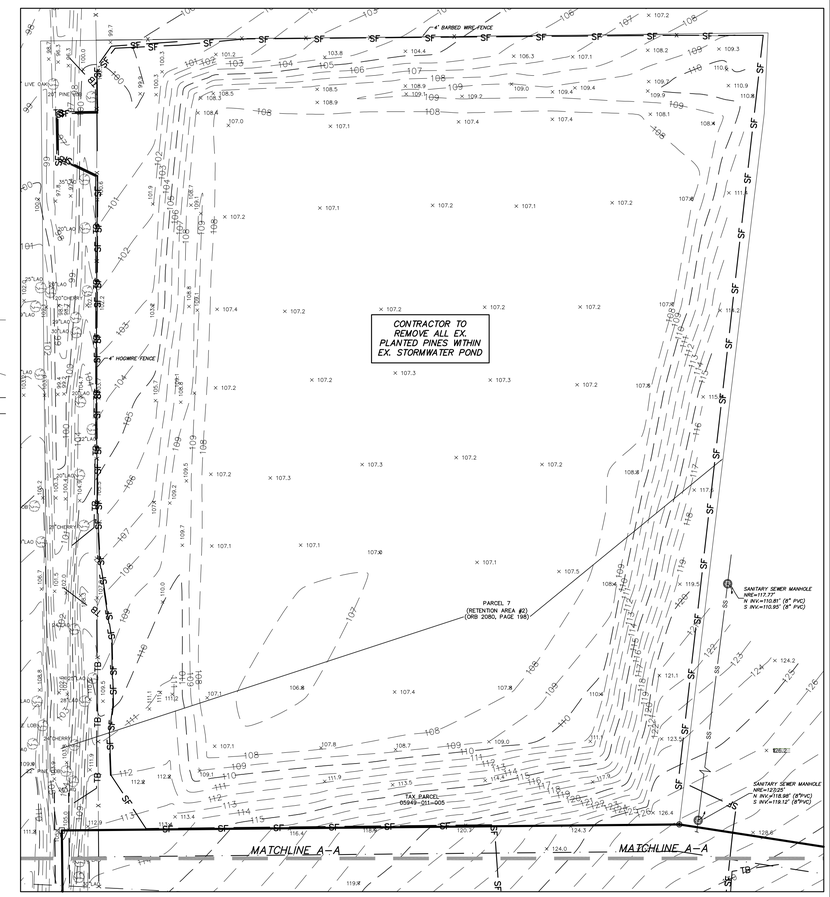
– ANY EXISTING SEPTIC SYSTEMS, WELLS, WATER SERVICES, AND/OR SEWER LATERAL SERVICES SHALL BE REMOVED WITHIN PROJECT LIMITS. CONTRACTOR TO COORDINATE WITH APPLICABLE AGENCIES.

X = EX. TREE TO BE REMOVED

N

GRAPHIC SCALE

0 20 40 80



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Alachua, FL 32615

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F: 352.672.6468
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AA26002009

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Gainesville, FL 32607
T: 352.331.1976 F: 352.331.2476
www.chw-inc.com
CA–5075

SEG Structural Engineers Group
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
Florida Certificate of Authorization #6523

MOSES & ASSOCIATES ENGINEERING
2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

bda Buford Davis + Associates
landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date
	CONFORMANCE DOCUMENTS	09/23/2015

Drawing Title:

DEMOLITION AND TREE PROTECTION PLAN

Arch. Project No.: 15023
Civil Project No.: 15–0150
Checked by: TFC

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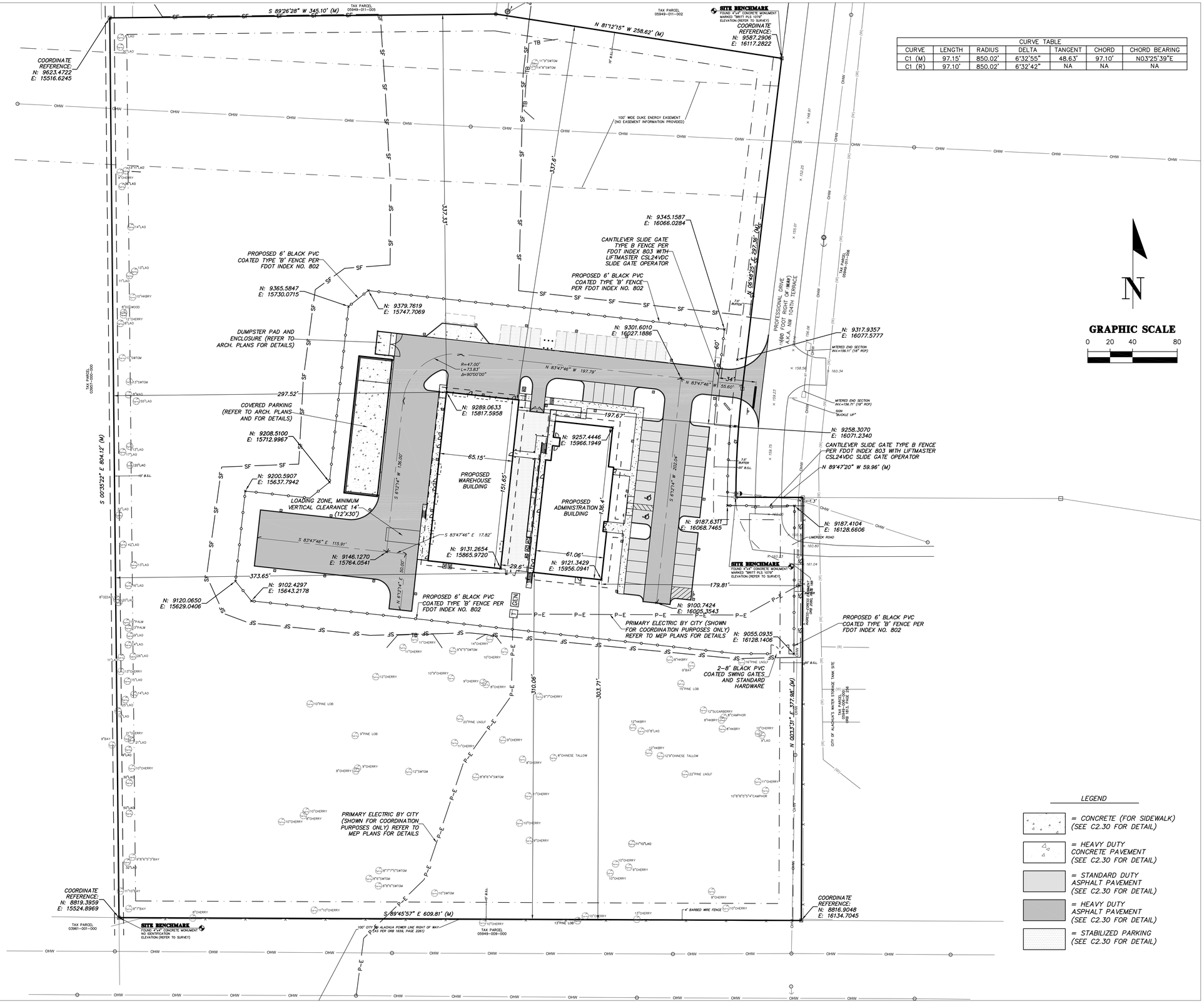

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BEARING
C1 (M)	97.15'	850.02'	6°32'55"	48.63'	97.10'	N03°25'39"E
C1 (R)	97.10'	850.02'	6°32'42"	NA	NA	NA

LEGEND

- = CONCRETE (FOR SIDEWALK) (SEE C2.30 FOR DETAIL)
- = HEAVY DUTY CONCRETE PAVEMENT (SEE C2.30 FOR DETAIL)
- = STANDARD DUTY ASPHALT PAVEMENT (SEE C2.30 FOR DETAIL)
- = HEAVY DUTY ASPHALT PAVEMENT (SEE C2.30 FOR DETAIL)
- = STABILIZED PARKING (SEE C2.30 FOR DETAIL)

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www.chw-inc.com
CA-5075

SEG Structural Engineers Group
4114 Sunbeam Road, Building 200
Jacksonville, FL 32257
T: 904.262.4000 F: 904.262.4100
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2209 NW 40th Terrace, Suite A
Gainesville, FL 32605
T: 352.372.1911 F: 352.372.0186

Buford Davis + Associates
landscape architects site planners
2406 NW 43rd Street
Gainesville, FL 32606
T: 352.335.1896 F: 352.373.6407

No.	Description	Date

CONFORMANCE DOCUMENTS	09/23/2015

Drawing Title:

MASTER SITE PLAN

Arch. Project No.: 15023
Civil Project No.: 15-0150 Checked by: TFC

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