

HILLSBOROUGH COUNTY SALADINO DOG PARK

LEGAL DESCRIPTION

(PER OFFICIAL RECORDS BOOK 5104, PAGE 49 OF THE PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA)

THE SOUTH 3/4 OF THE WEST 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 35, TOWNSHIP 29 SOUTH, RANGE 20 EAST, HILLSBOROUGH COUNTY, FLORIDA, LESS THE WEST 25.00 FEET AND THE SOUTH 30.00 FEET THEREOF FOR ROAD.

1705 Bryan Road, Brandon, Florida 33511

CONSTRUCTION PLANS

SECTION 35, TOWNSHIP 29 SOUTH, RANGE 20 EAST
HILLSBOROUGH COUNTY, FLORIDA

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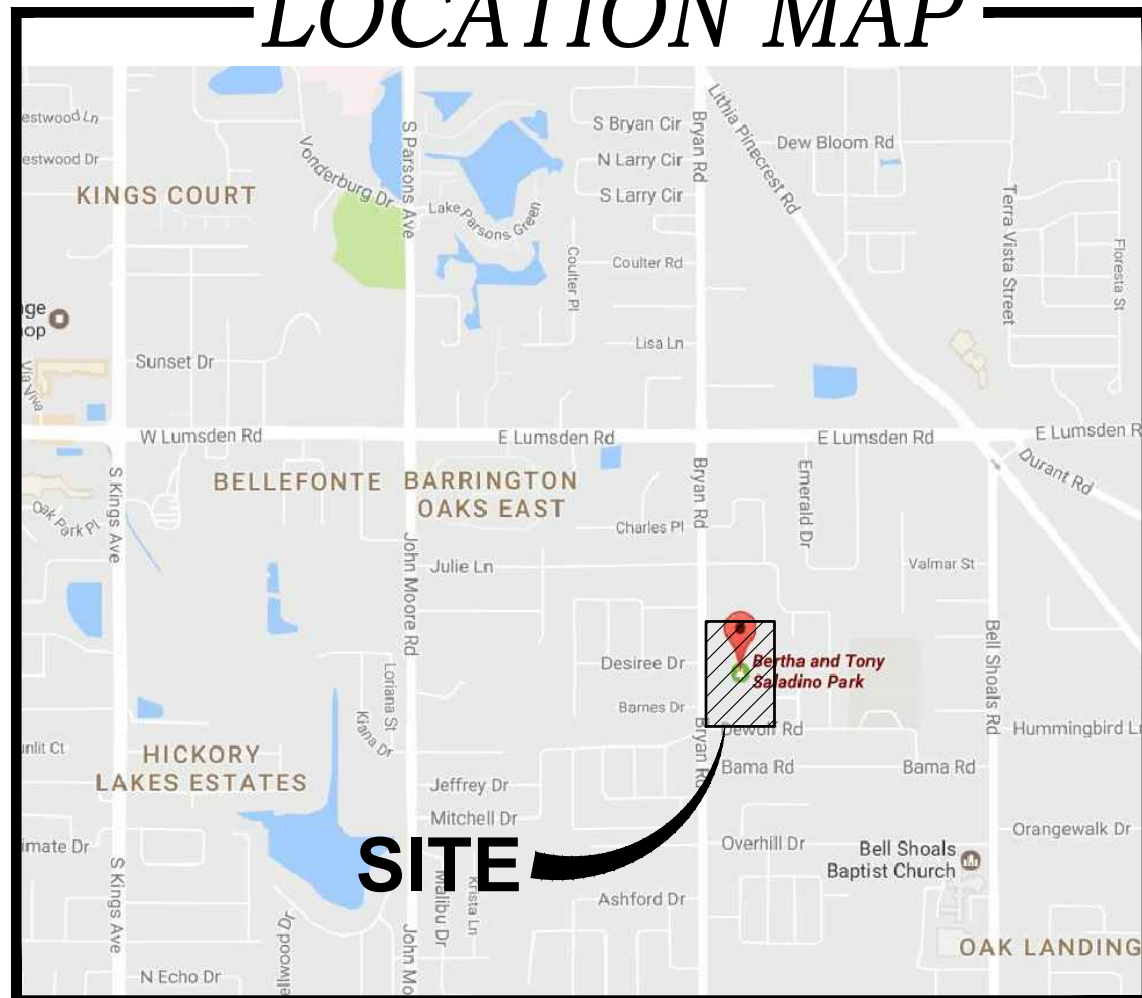
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LOCATION MAP



SCALE: NTS

PREPARED FOR:
HILLSBOROUGH COUNTY
FACILITIES SERVICES R3M
601 E. KENNEDY BLVD.
TAMPA, FL 33602

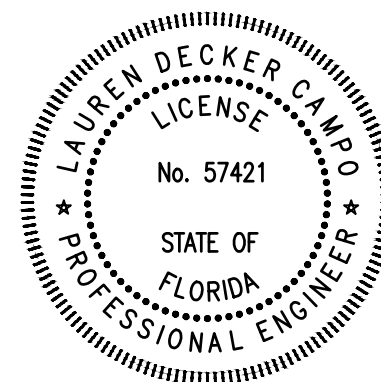
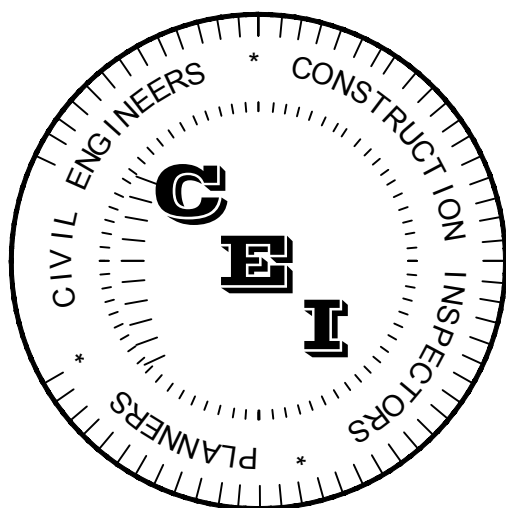
PROPERTY OWNER:
HILLSBOROUGH COUNTY
REAL ESTATE DEPT.
P.O. BOX 1110
TAMPA, FL 33601

PREPARED BY:

CAMPO
ENGINEERING, INC.

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FBPR CERTIFICATE OF AUTHORIZATION NO.: 26726



LAUREN D. CAMPO, P.E.

NO. 57421

March 29, 2018
DATE

(SEAL)

Utility Owner	Contact	Phone Number	Utility Type
HILLSBOROUGH COUNTY TRAFFIC	GEORGE AUBEL	PHONE: 813-927-6751	COMM./F.O., ST LIGHTS/ TRAFFIC SIGNALS, TRAF. SIGNAL CABLE/CONDUIT
HILLSBOROUGH COUNTY WATER RESOURCE SERVICES	JASON PARRILLO	PHONE: 813-272-5977 X 43348	WATER
BRIGHT HOUSE NETWORKS, LLC	RANDY LYLE	PHONE: 813-684-6100 X 32143 ALT: 863-581-5734	CABLE/FIBER/PHONE
FRONTIER COMMUNICATIONS	CARLOS BATES	PHONE: 941-906-6709	CABLE/FIBER/PHONE
TAMPA ELECTRIC COMPANY	JASON COOPER	PHONE: 813-275-3037	ELECTRIC

REVISIONS:

1. REVISED PER SWFWMD COMMENTS 1/03/2018
2. REVISED PER COUNTY COMMENTS 1/09/2018
3. REVISED PER COUNTY COMMENTS 3/29/2018

- 4.
- 5.
- 6.

C:\Projects\17-047 - Saladino Dog Park\Drawings\Design\Construction\17-047 - General Notes.dwg -- Printed Mar 29, 2018 - 10:45am by: BonnieM

SAFETY

1. DURING THE CONSTRUCTION AND MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL.
2. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLAN MUST BE SUBMITTED AND APPROVED BY THE GOVERNMENTAL AGENCIES HAVING JURISDICTION PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
3. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN ITS OWN SAFETY EQUIPMENT IN ACCORDANCE WITH ITS HEALTH & SAFETY PROGRAM AND ALL OTHER APPLICABLE LEGAL AND HEALTH AND SAFETY REQUIREMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING ITS EMPLOYEES AND SUBCONTRACTORS WITH ADEQUATE INFORMATION AND TRAINING TO ENSURE THAT ALL EMPLOYEES AND SUBCONTRACTORS AND SUBCONTRACTORS' EMPLOYEES COMPLY WITH ALL APPLICABLE REQUIREMENTS. CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH ALL OCCUPATION SAFETY AND HEALTH REGULATIONS AS WELL AS THE ENVIRONMENTAL PROTECTION LAWS. THE FOLLOWING IS NOT TO BE PERCEIVED AS THE ENTIRE SAFETY PROGRAM BUT JUST BASIC REQUIREMENTS.
5. ALL EXCAVATIONS BY THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES AND REGULATIONS. PARTICULAR ATTENTION MUST BE PAID TO THE CONSTRUCTION STANDARDS FOR EXCAVATIONS, 29 CFR PART 1926, SUBPART P.
6. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL, AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
7. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
8. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
9. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE UTILITY COMPANIES PRIOR TO CONSTRUCTION TO OBTAIN FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CALL SUNSHINE ONE CALL AT 811 TO ARRANGE FOR FIELD LOCATIONS.
10. 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 CALLED FOR IN THIS CONTRACT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.

EXISTING TREE PROTECTION NOTES:

1. REQUIRED BARRICADES AND FLAGGING SHALL BE ERCTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER AND REGULATORY AGENCIES PRIOR TO COMMENCEMENT OF LAND ALTERATION ACTIVITIES. BARRICADES SHALL REMAIN IN PLACE UNTIL ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETED.
2. DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, WITHIN THE DRILIPE OF A TREE REMAINING ON SITE, UNLESS OTHERWISE APPROVED, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION, EXCEPT BY HAND, BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE PROTECTION OF A TREE TO REMAIN ON THE SITE.
3. ADEQUATE PROTECTION MEASURES (I.E. HAY BALES, BAFFLES, SODDING AND SANDBAGGING) SHALL BE PROVIDED, AS NECESSARY, TO MINIMIZE EROSION AND DOWNSTREAM SEDIMENTATION CAUSED BY SURFACE WATER RUNOFF ON EXPOSED LAND SURFACES.
4. ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE PRUNED IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS. THIS INFORMATION MUST BE CLEARLY IDENTIFIED ON THE CONSTRUCTION PLANS.

CLEARING/DEMOLITION

1. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN AS INDICATED IN THE CONSTRUCTION PLANS SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL TREE ORDINANCES AND DETAILS CONTAINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION AND TO REMOVE ANY TREE THAT REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE REGULATORY AGENCY OR THE OWNER.
2. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SEEDED, MULCHED, SODDED OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
3. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ON-SITE IF REQUIRED, PROVIDED THAT THE MATERIAL IS DEEMED SUITABLE FOR CONSTRUCTION BY THE OWNER'S SOILS TESTING COMPANY. EXCESS MATERIAL IS TO BE EITHER STOCKPILED OR REMOVED FROM THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING EXCESS EARTHWORK FROM THE SITE.
4. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
5. CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE AND WILL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL PURSUANT TO ALL FEDERAL, STATE, COUNTY, CITY OR OTHER GOVERNMENT AGENCY REQUIREMENTS, OF ALL UNDERGROUND AND ABOVE GROUND STRUCTURES THAT WILL NOT BE INCORPORATED WITHIN THE NEW FACILITIES.

SITE PLAN AND COORDINATE GEOMETRY

1. BOUNDARY SURVEY PREPARED BY LICENSED SURVEYOR.
2. ALL POINTS AND MONUMENTS SHALL BE SURVEYED UPON MOBILIZATION TO VERIFY THEIR ACCURACY. ANY DISCREPANCIES DISCOVERED MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING.
3. MONUMENTS AND OTHER SURVEY CONTROL POINTS SHALL BE PROTECTED FROM DAMAGE AND DISTURBANCE. IF ANY CONTROL POINTS ARE DAMAGED OR DISTURBED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND REPLACE THE CONTROL POINTS TO THEIR ORIGINAL CONDITION AT HIS OWN EXPENSE.
4. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
5. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION CERTIFIED BY A REGISTERED LAND SURVEYOR. THIS "AS-BUILT" INFORMATION SHALL INCLUDE INVERT ELEVATIONS, LOCATION OF FITTINGS, LOCATION OF STRUCTURES FOR ALL UTILITIES INSTALLED, AS WELL AS TOP OF BANK, TOE OF SLOPE AND GRADE BREAK LOCATIONS AND ELEVATIONS FOR POND AND DITCH CONSTRUCTION. NO ENGINEER'S CERTIFICATIONS FOR CERTIFICATE OF OCCUPANCY PURPOSES WILL BE MADE UNTIL THIS INFORMATION IS RECEIVED AND APPROVED BY THE OWNER'S ENGINEER.

DRAINAGE

1. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS AND LOCAL AGENCY STANDARDS UNLESS OTHERWISE SHOWN ON PLANS.
2. PIPE LENGTHS SHOWN ARE APPROXIMATE.
3. ALL DRAINAGE STRUCTURE GRATES AND COVERS SHALL BE TRAFFIC RATED FOR H-20 LOADINGS.
4. ALL STORM DRAINAGE PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
5. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS FOR THESE PURPOSES.

GENERAL NOTES

1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CONSTRUCTION RELATED PERMITS, INCLUDING BUT NOT LIMITED TO: RIGHT OF WAY USE PERMITS, PIPING PERMITS, MOT PERMITS, ETC. PRIOR TO CONSTRUCTION, AND SCHEDULE ANY NECESSARY INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
2. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO IN THESE PLANS SHALL BE OF THE LATEST REVISION.
3. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO THE OWNER'S ENGINEER FOR APPROVAL. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
5. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES & THEIR SUBCONTRACTORS.
6. THE WATER, SANITARY SEWER, AND STORM DRAINAGE FACILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE REGULATORY AGENCY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE REQUIRED PERMITS TO PERFORM WORK IN THE PUBLIC RIGHT-OF-WAY.
7. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES BEFORE ORDERING MATERIALS AND CASTING STRUCTURES.
8. IT WILL BE NECESSARY TO EXAMINE, COORDINATE AND ADJUST ACCORDINGLY THE PROPOSED LOCATIONS OF THE VARIOUS COMPONENTS OF THE SITE UTILITIES. THE LAYOUTS INDICATED IN THE PLANS ARE NOT EXACT AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT COORDINATION DRAWINGS SHOWING PIPE SIZES, STRUCTURES, AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING AND COORDINATION OF ALL THE UNDERGROUND WORK ASSOCIATED WITH THIS PROJECT.
9. CONTRACTOR SHALL CONFIRM LOCATIONS AND DEPTHS OF EXISTING WATER AND SEWER LINES PRIOR TO BEGINNING CONSTRUCTION.
10. THE EXISTING UNDERGROUND UTILITY LINES SHOWN HEREON WERE TAKEN FROM DOCUMENTS FURNISHED BY OTHERS AND NOT FIELD VERIFIED. THEREFORE, THE ENGINEER CANNOT GUARANTEE THE ACCURACY OF SAME NOR ALL THAT ARE SHOWN. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND UTILITY LINES IN COORDINATION WITH THE OWNERS TO HIS SATISFACTION AND MAKE ADJUSTMENTS TO SAME IN THE EVENT THERE ARE CONFLICTS WITH NEW CONSTRUCTION.
11. BEFORE BEGINNING SITE WORK, THE CONTRACTOR IS REQUIRED TO CONFIRM IN THE FIELD EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND OTHER FEATURES. THE CONTRACTOR MAY CONSULT THE UTILITY OWNER'S RECORD DRAWINGS, BUT THE UTILITY OWNER AND THE ENGINEER DO NOT GUARANTEE, BY IMPLICATION OR OTHERWISE, THE ACCURACY OF THESE DRAWINGS. THE SITE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE FOR ANY MODIFICATION REQUIRED, OTHER THAN SHOWN ON PLANS.
12. EXISTING WATER & SEWER MAIN LOCATIONS SHOWN ARE APPROXIMATE BASED ON HILLSBOROUGH COUNTY.
13. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW.
14. ADJUSTMENTS OF INLETS, JUNCTION BOXES, MANHOLE TOPS, WATER VALVES, WATER METERS, ETC. SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND NO CLAIM SHALL BE MADE AGAINST THE OWNER OR ENGINEER FOR THESE ADJUSTMENTS, IF REQUIRED.
15. OVERALL CLEANUP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH REGULATORY AGENCY STANDARDS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.
16. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
17. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
18. ANY U.S.C. & G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHOULD NOTIFY THE OWNER'S ENGINEER.

PAVING AND GRADING

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER, THE OWNER'S ENGINEER, OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS TO BE BACK FILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
2. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOIL TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS OR THE REFERENCED SOILS REPORT.
3. PROPOSED SPOOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
4. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
5. CURBING WILL BE PLACED AT THE EDGE OF ALL PAVEMENT, AS SHOWN ON THE PLANS.
6. REFER TO THE LATEST EDITION OF F.O.D.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.O.D.T. TYPE CURBING AND GUTTERS CALLED FOR IN THESE PLANS.
7. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (BUILDINGS, OTHER POURED CONCRETE, ETC.)
8. ALL PAVEMENT MARKINGS IN RIGHT-OF-WAY AND STOP BARS SHALL BE MADE WITH PERMANENT THERMOPLASTIC AND SHALL CONFORM TO F.O.D.T. STANDARD INDEX NO. 17346, SHEETS 1-7. PARKING STRIP STRIPING AND ON-SITE PRIVATE PAVEMENT MARKINGS TO BE TRAFFIC GRADE PAINT.
9. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING COMPLETION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER.
10. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE TESTING SCHEDULE LOCATED ON THIS SHEET. UPON COMPLETION OF THE WORK, SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
11. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN PLACE MATERIALS AS REQUIRED BY THESE PLANS AND THE VARIOUS AGENCIES. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COST OF SAID RETESTING.
12. ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO BASE AND PAVEMENT CONSTRUCTION.
13. CONTRACTOR IS TO PROVIDE EROSION CONTROL AND SEDIMENTATION BARRIER (SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, THE CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
14. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHODS.

WATER DISTRIBUTION

1. SEE PIPE SEPARATION REQUIREMENTS, THIS SHEET.
2. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
3. ALL WATER SYSTEM WORK SHALL CONFORM WITH LOCAL REGULATORY AGENCY STANDARDS AND SPECIFICATIONS.
4. CONFLICTS BETWEEN WATER AND STORM OR SANITARY SEWER TO BE RESOLVED BY ADJUSTING THE WATER LINES AS NECESSARY AND PER PIPE SEPARATION REQUIREMENTS NOTED THIS SHEET.
5. ALL ON SITE PVC WATER MAINS 4 INCHES THROUGH 12 INCHES SHALL BE IN ACCORDANCE WITH AWWA C-900 AND SHALL BE CLASS 150 SDR 18. ALL ON-SITE PVC WATER MAINS 2" TO 3" SHALL BE CLASS 1120 AND MEET REQUIREMENTS OF SDR 21 IN ACCORDANCE WITH ASTM D-2241. WATER MAINS SMALLER THAN 1 1/2" SHALL BE CLASS 1120 OR 1220 SCHEDULE 80 AND MEET REQUIREMENTS OF ASTM D-1785.
6. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI STANDARD A21.51. MINIMUM CLASS 50. JOINTS FOR DUCTILE IRON PIPE SHALL BE MECHANICAL OR PUSH-ON JOINTS. PIPE SHALL HAVE AN EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH ANSI A21.51. PIPE INTERIOR SHALL HAVE A CEMENT MORTAR LINING WITH AN ASPHALTIC SEAL COAT CONFORMING TO AWWA/C104/A21.4. THE WEIGHT AND CLASS DESIGNATION SHALL BE PAINTED IN WHITE ON THE EXTERIOR SURFACE OF ALL PIPE AND FITTINGS. MANUFACTURER'S CODE OR SERIAL NUMBER SHALL BE PROVIDED ON THE BELL OF EACH PIPE JOINT.
7. ALL DUCTILE FITTINGS SHALL BE MECHANICAL JOINT WITH A MINIMUM PRESSURE RATING OF 250 PSI AND SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA STANDARD A21.10/C110. ALL FITTING SHALL BE COATED AND LINED AS SPECIFIED ABOVE FOR DUCTILE IRON PIPE.
8. RESTRAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS AS SHOWN ON DETAILS.
9. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE OWNER'S ENGINEER. PRESSURE TESTS TO BE IN ACCORDANCE WITH LOCAL REGULATORY AGENCY SPECIFICATIONS. CONTRACTOR TO NOTIFY OWNER'S ENGINEER AND LOCAL INSPECTORS 48 HOURS IN ADVANCE OF PERFORMING TESTS.
10. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING AND OBTAIN CLEARANCE OF DOMESTIC WATER SYSTEM. COPIES OF ALL BACTERIOLOGICAL TESTS TO BE SUBMITTED TO OWNER'S ENGINEER.

SANITARY SEWER

1. SEE PIPE SEPARATION REQUIREMENTS, THIS SHEET.
2. ALL SANITARY SEWER MAINS AND LATERALS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
3. ALL ON SITE PVC GRAVITY SANITARY SEWER PIPE SHALL BE MADE OF MATERIAL HAVING A CELL CLASSIFICATION OF 12454 B, 12454 C OR 13354 B AS DEFINED IN ASTM D-1784. PVC PIPE AND FITTINGS USED IN THE GRAVITY SYSTEM SHALL MEET THE REQUIREMENTS OF ASTM D3034 SDR 35 TO A DEPTH OF 15' AND SDR 26 AT A DEPTH BEYOND 15'.
4. ALL ON SITE DUCTILE IRON PIPE SHALL BE CLASS 52 AND SHALL RECEIVE INTERIOR AND EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH ANSI A 21.6, A 21.8, OR A 21.51.
5. ALL SANITARY SEWER WORK SHALL CONFORM WITH APPLICABLE AGENCY STANDARDS AND SPECIFICATIONS, LATEST EDITION THERE OF.
6. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW SANITARY SEWER LINES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES NEAR THE POINT OF CONNECTION AND NOTIFY OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES WITH DESIGN INFORMATION SHOWN IN THESE PLANS.
7. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO PLACEMENT OF BASE AND PAVING AND AGAIN PRIOR TO OBTAINING CERTIFICATE OF OCCUPANCY. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS.
8. THE CONTRACTOR SHALL PERFORM A CLOSED CIRCUIT TELEVISION INSPECTION ON ALL GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION PRIOR TO FINAL ACCEPTANCE.
9. ALL WASTE-WATER LATERALS WILL A MINIMUM OF 36" COVER AT THE RIGHT-OF-WAY LINE.

PIPE SEPARATION REQUIREMENTS:

FOR THE PURPOSE OF THIS SECTION, THE PHRASE "WATER MAINS" SHALL MEAN MAINS, INCLUDING TREATMENT PLANT PROCESS PIPING, CONVEYING EITHER RAW, PARTIALLY TREATED, OR FINISHED DRAINAGE WATER; FIRE HYDRANT LEADS; AND SERVICE LINES THAT ARE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER.

1. HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS
A. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM HORIZONTAL DISTANCE OF AT LEAST THREE FEET FROM THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
B. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
C. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.
D. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.
2. VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.
A. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
B. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
C. AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, THE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
3. SEPARATION BETWEEN WATER MAINS AND SANITARY OR STORM SEWER MANHOLES
A. NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A SANITARY SEWER MANHOLE.
B. EFFECTIVE AUGUST 1, 2003, WATER MAINS SHALL NOT BE CONSTRUCTED OR ALTERED TO PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A STORM SEWER MANHOLE OR INLET STRUCTURE.
4. SEPARATION BETWEEN FIRE HYDRANT DRAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS
NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, AT LEAST SIX FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAIN, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

GENERAL LANDSCAPE NOTES:

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES, BEFORE PERFORMING ANY WORK. ANY CONFLICTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION AND PROTECTION OF ALL SITE CONDITIONS TO REMAIN FROM DAMAGE DUE TO HIS WORK. IN THE EVENT OF DAMAGE, ALL DAMAGE SHALL BE COMPLETELY REPAIRED TO ITS ORIGINAL CONDITION. ALL COST OF SUCH WORK SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED DAMAGE OR CUTTING OF EXISTING TREES TO REMAIN ON SITE. DAMAGE MAY BE CAUSED BY OPERATION OF EQUIPMENT, STOCKPILING OF MATERIALS, ETC. DAMAGE ALSO INCLUDES THE COMPACTION OF THE ROOT ZONE BY DRIVING OR PARKING INSIDE THE DRIP-LINE OF TREES OR THE SPILLAGE OF DELETERIOUS CHEMICALS, OILS, DIESEL, ETC. WITHIN THE DRIP-LINE OF TREES.
4. EXISTING TREES AND PALMS WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION AND SPECIFIED TO REMAIN ARE TO BE PROTECTED THROUGHOUT THE CONSTRUCTION PROCESS WITH TREE BARRICADES PER LOCAL REGULATORY AGENCY REQUIREMENTS.
5. THE CONTRACTOR SHALL PROVIDE AN INTERNATIONAL SOCIETY OF ARBORIST (ISA) CERTIFIED ARBORIST WITH GRADING STANDARDS AND PLANT REGULATION, AS SET FORTH BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY "GRADES AND STANDARDS FOR NURSERY PLANTS", LATEST EDITION. ALL PLANT MATERIAL SHALL ALSO CONFORM TO ANSI STANDARDS FOR NURSERY STOCK (ANSI 260.1-1990). THE MINIMUM GRADE FOR ALL PLANT MATERIALS SHALL BE FLORIDA #1.
6. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATER OVER THE AMOUNT OF WATER SUPPLIED BY THE IRRIGATION SYSTEM, FOR THE ESTABLISHMENT TO ALL NEWLY INSTALLED TREES AND PALMS FOR 90 DAYS, COMMENCING IMMEDIATELY AFTER INSTALLATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADJUST WATERING AMOUNTS AND FREQUENCY TO ENSURE PROPER ESTABLISHMENT OF ALL PLANT MATERIAL.
7. PLANTING AREAS SHALL BE FREE OF EXTRANEOUS MATERIALS AND CAPABLE OF PERCOLATION PRIOR TO PLANTING AND PREPARED SOIL BACKFILL.
8. HEDGES SHALL BE A MINIMUM OF 2' IN HEIGHT AND FULL TO THE BASE, PLANTED ON 2' ON CENTER WHEN SHRUBS ARE USED AS A SCREEN FOR VUA.
11. ALL LANDSCAPE CONSTRUCTION SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE LOCAL REGULATORY AGENCY LANDSCAPE CODE.
12. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. THE OWNER RESERVES THE RIGHT TO DIRECT THE REMOVAL AND REPLACEMENT OF ANY ITEMS WHICH, IN HIS OPINION, DO NOT MEET INDUSTRY STANDARDS OR PRESENT AN ORDERLY AND WORKMANLIKE APPEARANCE, PROVIDED THAT SUCH ITEMS CAN BE INSTALLED PROPERLY USING STANDARD INDUSTRY PRACTICES.
13. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN HIS FINISHED WORK FROM THE TIME OF INSTALLATION IS COMPLETE TO THE TIME OF FINAL ACCEPTANCE BY THE OWNER. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A 1-YEAR WARRANTY ON THE INSTALLED PLANT MATERIAL AND A 90-DAY WARRANTY ON SOD.
14. PLANTING SOIL SHALL BE FERTILE, NATURAL TOPSOIL, TYPICAL TO THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR CLAYS AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS, ROOTS, AND OTHER EXTRANEOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR INTERFERE WITH FUTURE MAINTENANCE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING OF SOILS AND MAKE THE NECESSARY ADJUSTMENTS OR AMENDMENTS FOR LONG TERM PLANT HEALTH AND VITALITY.
16. SOD SHALL BE OF KIND AND PLACED AS SHOWN ON THE PLANS. SOD SHALL BE WELL MATTED WITH GRASS ROOTS. SOD SHALL BE IN 12"x14" RECTANGLES, HAVING A MINIMUM THICKNESS OF 2", AND SHALL BE FRESH, LIVE AND UNINJURED AT TIME OF PLANTING. SOD SHALL BE CERTIFIED AS FREE OF WEEDS AND OTHER GRASSES, HAVING SUFFICIENT SOIL MAT TO ADHERE FIRMLY TO ROOTS FOR HANDLING. SOD SHALL BE PLANTED WITHIN 72 HOURS OF BEING HARVESTED AND ROLLED IMMEDIATELY AFTER INSTALLATION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL STAKING OF TREES AND PALMS BASED ON SITE CONDITIONS, TO PROVIDE FOR THE STABILITY OF THE TREE AND PALM MATERIALS AND TO PROTECT THE HEALTH AND SAFETY OF THE PUBLIC/PROPERTY.
18. TREE AERATION SYSTEM SHALL MEET THE MINIMUM REQUIREMENTS OF LOCAL GOVERNING AGENCY AND UNDER THE SUPERVISION OF THE CERTIFIED ARBORIST. THE CERTIFIED ARBORIST SHALL ADJUST THE REQUIREMENTS OF THE AERATION SYSTEM IN THE FIELD TO ACCOUNT FOR ACTUAL FIELD CONDITIONS AND THE ROOT SYSTEM OF THE TREE.

NOTE TO CONTRACTOR:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MEANS & METHODS & CONSTRUCTION SEQUENCING TO SUCCESSFULLY CONSTRUCT THE DESIGN REPRESENTED IN THESE CONSTRUCTION DOCUMENTS. IN THE EVENT THE CONTRACTOR PROPOSES TO DEVIATE FROM THE PROPOSED DESIGN IN ANY WAY, THEY MUST NOTIFY THE EOR IN ADVANCE FOR APPROVAL. NOT DOING SO MAY AFFECT RECEIVING THE CO IN A TIMELY MANNER.

CONTRACTOR PERMITS

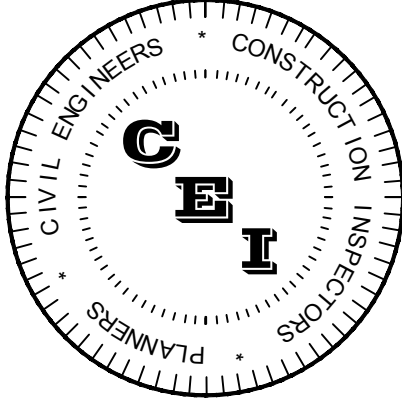
1. ANY REQUIRED CONTRACTOR OR SUB-CONTRACTOR OBTAINED PIPING PERMITS.
2. CONTRACTOR IS RESPONSIBLE FOR PULLING FINAL BUILDING PERMIT.

SC-1 TESTING SCHEDULE

NOTE: GOVERNING AGENCY REQUIREMENTS SUPERSEDE THESE REQUIREMENTS.

ITEM	TEST	TEST FREQUENCY
EMBANKMENT	OPTIMUM MOISTURE/MAXIMUM DENSITY 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T99-57 (D-698-70) NO TOLERANCE	PER SOIL TYPE ONE PER 500 FEET HORIZONTALLY, IN 12 INCH LIFTS
UTILITY TRENCH BACKFILL OVER PIPELINES AND AROUND STRUCTURES FROM R.O.W. LINE TO R.O.W. LINE	98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1567-70) - MINUS 3% TOLERANCE	PER SOIL TYPE **
UTILITY TRENCH BACKFILL OVER PIPELINES AND AROUND STRUCTURES OUTSIDE THE R.O.W.	OPTIMUM MOISTURE/MAXIMUM DENSITY 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1567-70) - MINUS 3% TOLERANCE	PER SOIL TYPE **
STABILIZED SUBGRADE	OPTIMUM MOISTURE/MAXIMUM DENSITY MINIMUM 40 LBR	PER MATERIAL TYPE *** PER MATERIAL TYPE
BASE (OTHER THAN SOIL CEMENT)	98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1567-70) - NO TOLERANCE	***
PER SOURCE	OPTIMUM MOISTURE/MAXIMUM DENSITY MINIMUM 100 LBR	PER SOURCE PER SOURCE
PER SOURCE	98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1567-70) - NO TOLERANCE	*** EACH LIFT
PER SOURCE	GRADATION, ATTERBURG LIMITS	PER SOURCE
CONCRETE	SUMP TEST COMPRESSIVE STRENGTH CYLINDERS	ONE PER SET OF CYLINDERS ONE SET OF THREE (3) CYLINDERS FOR 100 CUBIC YARDS OR FRACTION THEREOF
ASPHALTIC CONCRETE	AIR CONTENT AGGREGATE ANALYSIS DESIGN MIX BITUMEN CONTENT GRADATION STABILITY FLOW PROPERTIES OF IN PLACE MATERIALS (MARSHALL) THICKNESS 95% OF LAB DENSITY	ONE PER SET OF CYLINDERS ONE PER DESIGN ONE PER TYPE ONE PER DAY ONE PER DAY ONE PER DAY *** ***

- * TESTS SHALL BE LOCATED NO MORE THAN 500 FEET APART. TESTS SHALL BE PERFORMED ON EACH LIFT, EXCEPT THAT TESTS SHALL NOT BE FURTHER APART THAN ONE (1) FOOT VERTICALLY. FIELD DENSITIES SHALL BE TAKEN OVER ALL ROAD CROSSINGS. FIELD DENSITIES FOR SANITARY LINES SHALL BE STAGGERED TO INCLUDE RESULTS OVER SERVICE LATERALS. THERE SHALL BE A MINIMUM OF ONE (1) TEST SERIES FOR EACH 12 INCHES OF LIFT OVER PIPELINE BETWEEN MANHOLE. TESTS AROUND STRUCTURES SHALL BE SPIRALED IN 12 INCH LIFTS.
- ** FOR FLEXIBLE PIPE (CORRUGATED STEEL OR ALUMINUM), 95% OF MAXIMUM DENSITY (AASHTO-T99) PER FDOT SUPPLEMENTAL SPECIFICATIONS SUB ARTICLE 12-5.00 SHALL BE MOIDED.
- *** TESTS SHALL BE LOCATED NO MORE THAN 500 FEET APART. THERE SHALL BE NO LESS THAN ONE (1) TEST PER STREET.



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PROJECT TITLE

**HILLSBOROUGH COUNTY
SALADINO DOG PARK**

HILLSBOROUGH COUNTY, FLORIDA

CLIENT

**HILLSBOROUGH COUNTY
FACILITIES SERVICES R3M
601 E. KENNEDY BLVD
TAMPA, FL 33602**

REVISIONS

NO.	DESCRIPTION	DATE

ISSUE DATE: 10/2017

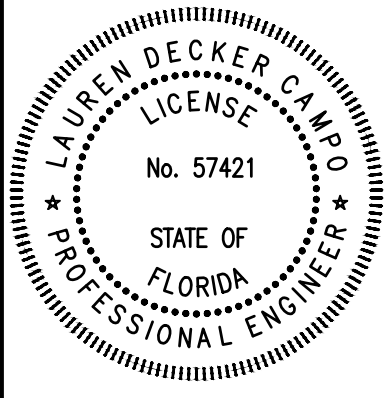
REVIEWED BY: LDC

DRAWN BY: BLM

DESIGNED BY: LDC/BLM

PROJECT NUMBER

17-047



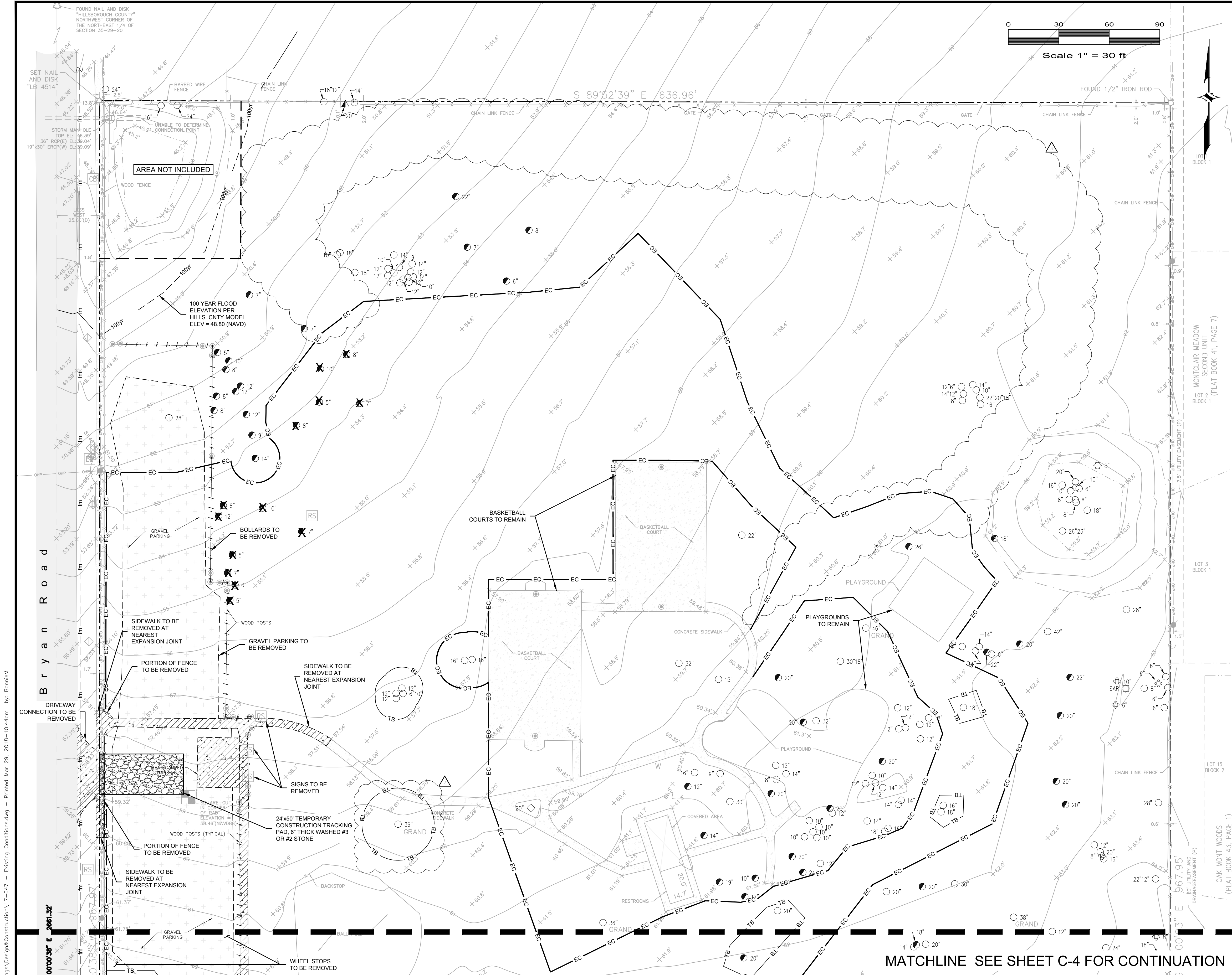
Lauren D. Campo 57421 03/29/2018
NAME SEAL NO. DATE

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

C-2



LEGEND

- IP, IR = IRON PIPE, IRON ROD
CM = CONCRETE MONUMENT
(F) = FIELD DERIVED MEASUREMENT
(P) = MEASUREMENT PER PLAT
(D) = MEASUREMENT PER DESCRIPTION
R/C = PROPERTY LINE, CENTERLINE
R/W = RIGHT OF WAY
O = FOUND IR (SIZE & REGISTRATION NUMBER AS NOTED)
O = FOUND IP (SIZE & REGISTRATION NUMBER AS NOTED)
O = SET 5/8" IR "D.C. JOHNSON LB 4514"
O = FOUND CM (SIZE & REGISTRATION NUMBER AS NOTED)
O = SET 4"x4" CM "LB 4514"
O = VERTICAL CONTROL BENCHMARK
O = 6" OAK TREE
O = POWER POLE
O = PINE TREE
O = TREE (UNKNOWN VARIETY)
O = CAMPHOR TREE
O = CHERRY LAUREL TREE
O = TELEPHONE EQUIPMENT BOX
O = TOP OF BANK
O = TOE OF SLOPE
O = OVERHEAD POWER LINE
O = ASPHALT
O = CONCRETE
O = GRAVEL
O = PROPERTY LINE
O = EC = SILT FENCE
O = TB = TREE BARRICADE
O = GATE VALVE
O = WATER METER
O = FIRE HYDRANT
O = ROAD SIGN
O = PULL BOX
O = BACK FLOW PREVENTOR
O = STORM MANHOLE
O = CABLE TELEVISION BOX
O = BOLLARD
O = WATER SPIGOT
O = ORNAMENTAL TREE
O = ELECTRIC BOX
O = TELEPHONE POLE
O = TRAFFIC CONTROL BOX
O = WELL
O = GUY WIRE
O = MAGNOLIA TREE
O = SPOT ELEVATION
O = ELEVATION
O = RCP = REINFORCED CONCRETE PIPE
O = EXIST. ASPHALT PAVEMENT TO REMAIN
O = EXIST. CONC. TO REMAIN
O = EXIST. TO BE REMOVED

SURVEYOR'S NOTES

- USE OF THIS SURVEY FOR PURPOSES OTHER THAN INTENDED, WITHOUT WRITTEN VERIFICATION, WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO THE SURVEYOR. NOTHING HEREIN SHALL BE CONSTRUED TO GIVE ANY RIGHTS OR BENEFITS TO ANYONE OTHER THAN THOSE CERTIFIED TO, THE SURVEY MEETS THE "STANDARDS OF PRACTICE" SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS IN CHAPTER 55-17 FLORIDA ADMINISTRATIVE CODE.
- THIS SURVEY WAS PREPARED WITHOUT AN ABSTRACT OF TITLE; THEREFORE THE UNDERSIGNED MAKES NO GUARANTEES OR REPRESENTATIONS REGARDING INFORMATION SHOWN HEREON PERTAINING TO EASEMENTS, RIGHTS-OF-WAY, SETBACK LINES, AGREEMENTS, RESERVATIONS, OR OTHER SIMILAR MATTERS.
- NO UNDERGROUND INSTALLATIONS, IMPROVEMENTS OR ENCROACHMENTS, HAVE BEEN LOCATED EXCEPT THOSE SHOWN HEREON.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT-OF-WAYS AND/OR OWNERSHIP WERE FURNISHED TO THE UNDERSIGNED EXCEPT AS SHOWN.
- BEARINGS SHOWN HEREON ARE BASED ON WEST BOUNDARY OF THE NORTHEAST 1/4 OF SECTION 35, TOWNSHIP 28 SOUTH, RANGE 20 EAST, HILLSBOROUGH COUNTY, FLORIDA. SAID LINE BEARS S.00°00'38"E.
- SUBJECT PROPERTY MAY CONTAIN LANDS THAT ARE SUBJECT TO JURISDICTION OR RESTRICTION BY ONE OR MORE OF THE FOLLOWING AGENCIES: ARMY CORP. OF ENGINEERS, SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (S.W.F.W.M.D.) OR FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.).
- ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), HILLSBOROUGH COUNTY BENCHMARK "VB-195", PUBLISHED ELEVATION = 44.46' (NAVD88).
- SUBJECT PROPERTY APPEARS TO LIE IN FLOOD ZONE "X" ACCORDING TO F.I.R.M. COMMUNITY PANEL 12057C0392H, DATED 8/28/2008.
- THE TEXT FOR FENCE TIES INDICATES THE DIRECTION FENCE LIES IN RELATION TO THE BOUNDARY.
- BEARINGS AND DISTANCES SHOWN HEREON ARE FIELD MEASURED, UNLESS OTHERWISE INDICATED.
- ONLY TREES 5" (D.B.H.) AND ABOVE HAVE BEEN LOCATED.

DEMOLITION NOTES

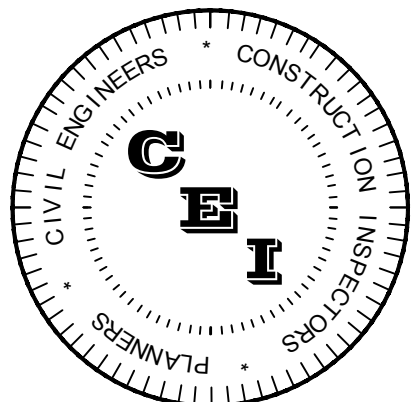
- PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, COMMUNICATION, CABLE TV, SANITARY AND STORM SEWER BOTH ON AND ADJACENT TO THE SITE.
- CONTRACTOR TO REMOVE ALL IMPROVEMENTS WITHIN THE LIMITS OF CONSTRUCTION EXCEPT AS NOTED.
- CONTRACTOR TO COORDINATE WITH LOCAL UTILITY OWNERS TO DISCONNECT/RELOCATE THEIR FACILITIES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO ANY DEMOLITION.
- SITE SPECIFIC EROSION AND SEDIMENT CONTROL: SILT FENCE TO BE PLACED AROUND THE PERIPHERY OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION/DEMOLITION.
- FUGITIVE DUST EMISSIONS DURING DEMOLITION SHALL BE MAINTAINED TO AN ACCEPTABLE LEVEL BY CONTRACTOR, IN ACCORDANCE WITH THE CONSTRUCTION NOTES AND TESTING SCHEDULE, SHEET C-2.
- REMOVE OR CAP ALL UTILITIES TO EXISTING STRUCTURES WHICH ARE TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY OWNERS PRIOR TO MAKING ANY UTILITY ADJUSTMENTS.
- CONTRACTOR TO DEMOLISH, REMOVE AND DISPOSE OF ALL ASPHALT, CONCRETE, SIDEWALKS, CURBING, BUILDINGS AND BUILDING FOUNDATIONS WITHIN THE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED ON PLANS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- CONTRACTOR TO PROTECT PROPERTY CORNERS DURING DEMOLITION AND CONSTRUCTION.
- DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE GOVERNING AGENCY.

DATUM NOTE

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), HILLSBOROUGH COUNTY BENCHMARK "VB-195", PUBLISHED ELEVATION = 44.46' (NAVD88).

EROSION CONTROL NOTES

- THE INSTALLATION OF TEMPORARY EROSION CONTROL BARRIERS SHALL BE COORDINATED WITH THE CONSTRUCTION OF THE PERMANENT EROSION CONTROL FEATURES TO THE EXTENT NECESSARY TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL OF EROSION AND WATER POLLUTION THROUGHOUT THE LIFE OF THE CONSTRUCTION PHASE.
- THE TYPE OF EROSION CONTROL BARRIERS USED SHALL BE COVERED BY THE NATURE OF THE CONSTRUCTION OPERATION AND SOIL TYPE THAT WILL BE EXPOSED. SILTY AND CLAYEY MATERIAL USUALLY REQUIRE SOLID SEDIMENT BARRIERS TO PREVENT TURBID WATER DISCHARGE, WHILE SANDY MATERIAL MAY NEED ONLY SILT SCREENS OR HAY BALES TO PREVENT EROSION. FLOATING TURBIDITY CURTAINS SHALL BE USED IN OPEN WATER SITUATIONS. DIVERSION DITCHES OR SWALES MAY BE REQUIRED TO PREVENT TURBID STORMWATER RUNOFF FROM BEING DISCHARGED TO WETLANDS OR OTHER WATER BODIES. IT MAY BE NECESSARY TO EMPLOY A COMBINATION OF BARRIERS, DITCHES AND OTHER EROSION/TURBIDITY CONTROL MEASURES IF CONDITIONS WARRANT.
- CONSTRUCTION OPERATIONS IN OR ADJACENT TO WETLANDS SHALL BE RESTRICTED TO THOSE AREAS IDENTIFIED IN THE PLANS AND IN THE SPECIFICATIONS.
- EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN THE WETLANDS OR IN A POSITION CLOSE ENOUGH THERETO TO BE WASHED AWAY BY HIGH WATER OR RUNOFF.
- WHERE PUMPS ARE TO BE USED TO REMOVE TURBID WATERS FROM CONSTRUCTION AREAS, THE WATER SHALL BE TREATED PRIOR TO DISCHARGE TO THE WETLANDS. TREATMENT METHODS INCLUDE AND ARE NOT LIMITED TO, TURBID WATER BEING PUMPED INTO GRASSSED SWALES OR APPROPRIATE VEGETATED AREAS, SEDIMENT BASINS, OR CONFINED BY AN APPROPRIATE ENCLOSURE SUCH AS TURBIDITY BARRIERS, AND KEPT CONFINED UNTIL ITS TURBIDITY LEVEL MEETS STATE WATER QUALITY STANDARDS.
- SILT FENCE SHALL BE LOCATED AT THE PERIMETER OF CONSTRUCTION LIMITS, AS DEFINED BY FIELD CONDITIONS.
- THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SUCH THAT THE AREA OF UNPROTECTED ERODIBLE EARTH EXPOSED AT ANY ONE TIME IS NOT LARGER THAN THE MINIMUM AREA NECESSARY FOR EFFICIENT CONSTRUCTION OPERATIONS, AND THE DURATION OF EXPOSED, UNCOMPLETED CONSTRUCTION TO THE ELEMENTS SHALL BE AS SHORT AS PRACTICABLE. CLEARING AND GRUBBING SHALL BE SCHEDULED AND PERFORMED SO THAT GRADING OPERATIONS CAN FOLLOW IMMEDIATELY THEREAFTER, AND GRADING OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PERMANENT EROSION CONTROL FEATURES CAN FOLLOW IMMEDIATELY THEREAFTER IF CONDITIONS ON THE PROJECT PERMIT.
- THE CONTRACTOR AND/OR OWNER'S REPRESENTATIVE SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES UNTIL THE PROJECT IS COMPLETE AND ALL BARED SOILS ARE STABILIZED.
- CONTRACTOR IS TO PROVIDE EROSION CONTROL AND SEDIMENTATION BARRIER (HAY BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHODS.
- ALL EXISTING SIDEWALK CRACKED OR DAMAGED SHALL BE REPLACED.



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SALADINO DOG PARK**

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CLIENT

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FACILITIES SERVICES R3M
601 E. KENNEDY BLVD
TAMPA, FL 33602**

REVISIONS

NO.	DESCRIPTION	DATE
1	SILT FENCE LOCATIONS	1/03/18
2	PER COUNTY COMMENTS	1/09/18
3	PER COUNTY COMMENTS	3/29/18

ISSUE DATE: 10/2017

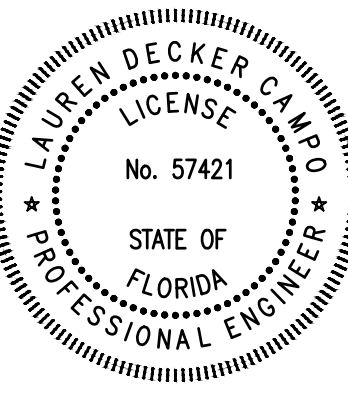
REVIEWED BY: LDC

DRAWN BY: BLM

DESIGNED BY: LDC/BLM

PROJECT NUMBER

17-047



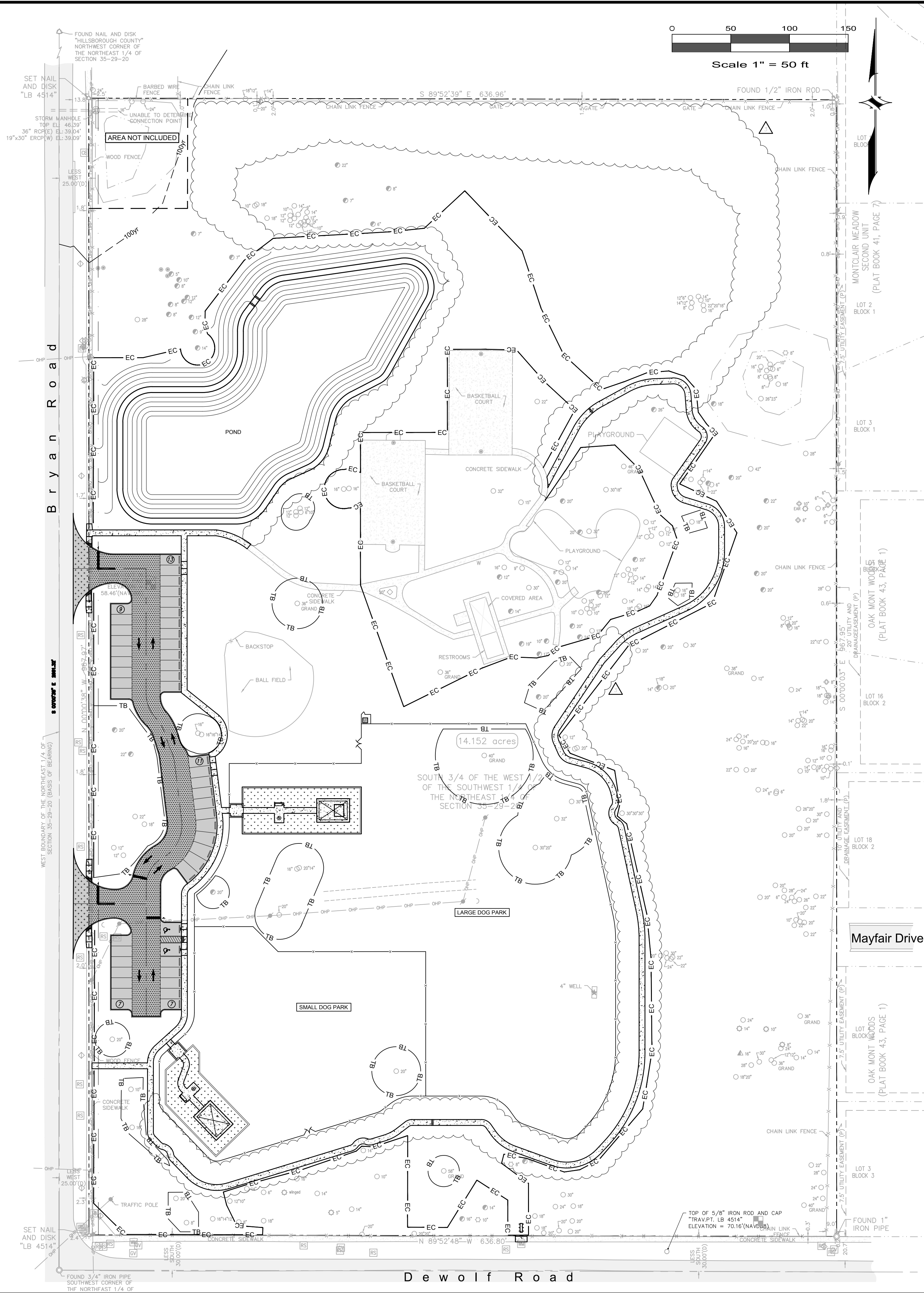
Lauren D. Campo 57421 03/29/2018
NAME SEAL NO. DATE

SHEET TITLE

**EXISTING CONDITONS,
DEMO & EROSION
CONTROL PLAN**

SHEET NUMBER

C-3



LEGEND

PROPERTY LINE

PROP. FENCE

SILT FENCE

TREE BARRICADE

PROP. CONC. S/W

PROP. SYNTHETIC TURF

PROP. LIGHT DUTY PAVEMENT

PROP. HEAVY DUTY PAVEMENT

PROP. OFF-SITE PAVEMENT

EXIST. ASPHALT
PAVEMENT TO REMAIN

EXIST. CONC.
TO REMAIN

8

PARKING SPACE COUNT

SITE DATA

TOTAL PARCEL AREA:

±14.152 AC (±616,461 SF)

ADDRESS:

1705 BRYAN ROAD, BRANDON, FL

JURISDICTION:

HILLSBOROUGH COUNTY

FOLIO NUMBERS:

072514.0000

EXISTING ZONING:

RSC-6

CURRENT USE:

PARK

PROPOSED USE:

DOG PARK

FUTURE LAND USE:

RES-4

PROPOSED BUILDING:

2,400 SQ. FT. PAVILIONS

MAX. BUILDING HEIGHT:

35'

PROPOSED BUILDING HEIGHT:

13' (1 STORY)

SETBACKS:

FRONT (WEST): 25'
FRONT (SOUTH): 25'
SIDE (NORTH): 7.5'
REAR (EAST): 25'

REQUIRED PARKING:

3.3 SPACES / 1,000 GFA X 293 SF = 1 SPACE
1 REGULAR SPACE
1 HIC SPACE
2 TOTAL SPACES

PROPOSED PARKING:

45 REGULAR SPACES
2 HIC SPACES
47 TOTAL SPACES

SITE AREAS:

PROPOSED:

19,809 SF ~ 3.21% ~ 0.455 AC

PROPOSED ASPHALT:

10,575 SF ~ 1.72% ~ 0.243 AC

EXISTING CONCRETE:

14,327 SF ~ 2.32% ~ 0.329 AC

EXISTING BUILDING:

233 SF ~ 0.05% ~ 0.007 AC

PROPOSED TURF:

4,941 SF ~ 0.80% ~ 0.113 AC

PROPOSED POND:

29,810 SF ~ 4.84% ~ 0.684 AC

PROPOSED OPEN SPACE:

58,806 SF ~ 85.78% ~ 12.140 AC

AREA NOT INCLUDED:

7,901 SF ~ 1.28% ~ 0.181 AC

TOTAL SITE AREA:

616,461 SF ~ 100.00% ~ 14.152 AC

PROPOSED IMPERVIOUS AREA:

45,003.5 SF / 616,461 SF = 7.3%

FAR:

293 SF / 616,461 SF = 0.0005 (EXISTING RESTROOM)

THE PROPERTY SHOWN HEREON APPEARS TO LIE IN FLOOD ZONE "X" ACCORDING TO THE FLOOD INSURANCE RATE MAP 12057C0392H, DATED AUGUST 28, 2008, FOR HILLSBOROUGH COUNTY, FLORIDA -AND- FLOOD ZONE A, ELEVATION 48.80 NAVD PER HILLSBOROUGH COUNTY MODEL

ADJACENT USES AND ZONING:

NORTH:

SINGLE FAMILY / RSC-6

SOUTH:

DEWOLF ROAD ROW / RSC-6

EAST:

SINGLE FAMILY / RSC-6

WEST:

SOUTH BRYAN ROAD ROW / RSC-6

GENERAL NOTES

1. THE PROPOSED ACTIVITIES SHALL COMPLY WITH HILLSBOROUGH COUNTY DEVELOPMENT REGULATIONS (LATEST EDITION).

2. ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH COUNTY STANDARDS, LATEST EDITIONS.

3. SIDEWALKS TO BE PROVIDED AND BUILT IN ACCORDANCE WITH THE HILLSBOROUGH COUNTY LAND DEVELOPMENT REGULATIONS (LATEST EDITION). ALL PROPOSED SIDEWALKS SHALL MEET ADA REQUIREMENTS (LATEST EDITION).

4. BUFFERING AND SCREENING SHALL BE PROVIDED IN ACCORDANCE WITH HILLSBOROUGH COUNTY LAND DEVELOPMENT CODE.

5. ALL BUILDING CONSTRUCTION SHALL CONFORM TO THE 2010 FLORIDA BUILDING CODE.

6. ALL EASEMENTS SHALL BE DEDICATED TO THE APPROPRIATE ENTITY.

7. GRASS AND MULCH, OR SOLID SOD, ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY CONSTRUCTION.

8. CONTRACTOR IS TO COORDINATE ALL WORK WITHIN, BUT NOT LIMITED TO PUBLIC RIGHT-OF-WAY WITH UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND THE MAKING OF ADJUSTMENTS TO SAME, IF REQUIRED.

9. CONTRACTOR SHALL CONTACT THE ENGINEER AND/OR THE OWNER PRIOR TO ANY CONSTRUCTION THAT MAY DAMAGE TREES.

10. CONTRACTOR SHALL OBTAIN ALL CONTRACTOR RELATED PERMITS.

11. ALL CONCRETE AREAS SHALL HAVE SAW-CUT 10'X10' O.C.

12. HOURS OF CONSTRUCTION SHALL BE LIMITED TO THOSE ALLOWED BY COUNTY CODE.

SITE LIGHTING NOTE

IF NEW OUTDOOR LIGHTING IS PROPOSED, A PERMIT WILL BE REQUIRED

SOLID WASTE NOTE

SOLID WASTE COLLECTION WILL CONTINUE TO BE VIA CURBSIDE PICK-UP

CIVIL ENGINEERS
CONSTRUCTIVE PLANNING
C
E
I

CAMPO

ENGINEERING, INC.

FBPR CERTIFICATE OF AUTHORIZATION NO.: 26726

1725 EAST 5TH AVENUE
TAMPA, FL 33605
PHONE: (813) 215-7372
FAX: (813) 902-8782

PROJECT TITLE

HILLSBOROUGH COUNTY
SALADINO DOG PARK

HILLSBOROUGH COUNTY, FLORIDA

CLIENT

HILLSBOROUGH COUNTY
FACILITIES SERVICES R3M
601 E. KENNEDY BLVD
TAMPA, FL 33602

REVISIONS

NO.	DESCRIPTION	DATE
1	PER COUNTY COMMENTS	1/09/18
2	PER COUNTY COMMENTS	3/29/18

ISSUE DATE:

10/2017

REVIEWED BY:

LDC

DRAWN BY:

BLM

DESIGNED BY:

LDC/BLM

PROJECT NUMBER

17-047

LAUREN DECKER CAMPO
LICENSE
No. 57421
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Lauren D. Campo 57421 03/29/2018

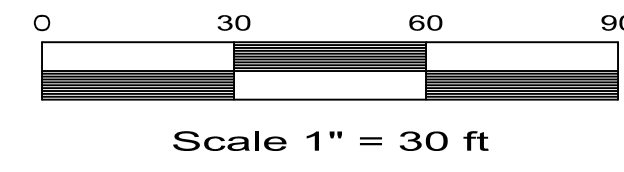
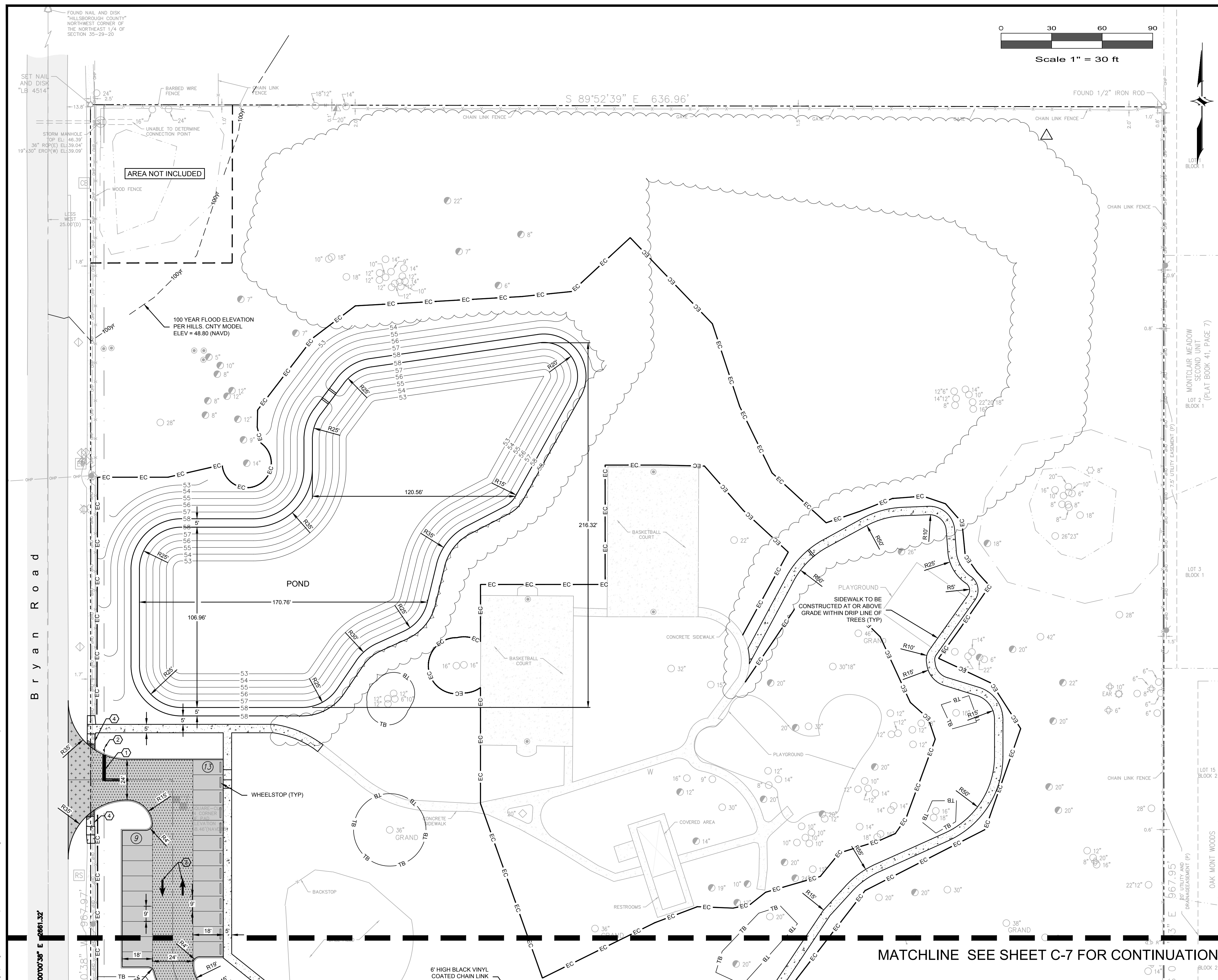
NAME SEAL NO. DATE

SHEET TITLE

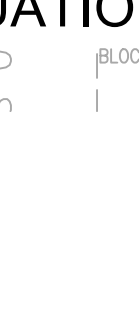
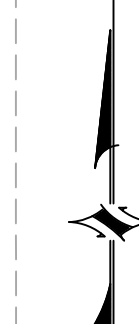
OVERALL
SITE PLAN

SHEET NUMBER





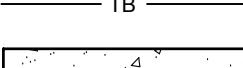
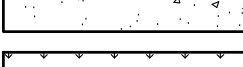



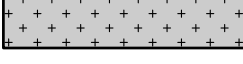
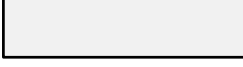

C-5



Scale 1" = 30 ft



LEGEND

- | | |
|---|-----------------------------------|
|  | PROPERTY LINE |
|  | PROP. FENCE |
|  | SILT FENCE |
|  | TREE BARRICADE |
|  | PROP. CONC. S/W |
|  | PROP. SYNTHETIC TURF |
|  | PROP. ASPHALT PAVEMENT |
|  | PROP. HEAVY DUTY PAVEMENT |
|  | PROP. OFF-SITE PAVEMENT |
|  | EXIST. ASPHALT PAVEMENT TO REMAIN |
|  | EXIST. CONC. TO REMAIN |
|  | PARKING SPACE COUNT |

KEY NOTES

- | | |
|---|---|
| ① | 24" WHITE STOP BAR (THERMOPLASTIC PAINT TO BE USED AT STOP BARS PRIOR TO ENTERING COUNTY/FDOT ROW; INTERNAL ONSITE TO BE TRAFFIC PAINT) |
| ② | 30"x30" R1-1 STOP SIGN. |
| ③ | WHITE PAVEMENT ARROW |
| ④ | CURB RAMP CR-F PER FDOT INDEX 304 |
| ⑤ | HANDICAP SIGNING & MARKING PER HILLSBOROUGH COUNTY TTM DETAIL TD-1 |

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FBPR CERTIFICATE OF AUTHORIZATION NO.: 26726

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PROJECT TITLE

**HILLSBOROUGH COUNTY
SALADINO DOG PARK**

HILLSBOROUGH COUNTY, FLORIDA

CLIENT

**HILLSBOROUGH COUNTY
FACILITIES SERVICES R3M
601 E. KENNEDY BLVD
TAMPA, FL 33602**

REVISIONS

[illegible]

ISSUE DATE: 10/2017

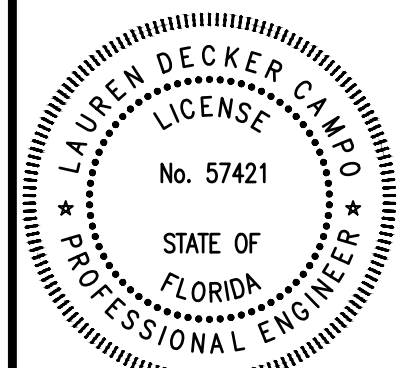
REVIEWED BY: LDC

DRAWN BY: BLM

DESIGNED BY: LDC/BLM

PROJECT NUMBER

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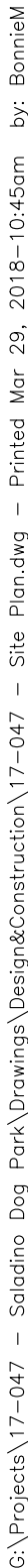
Lauren D. Campo	57421	03/29/2018
NAME	SEAL NO.	DATE

SHEET TITLE





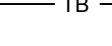
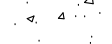
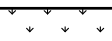
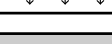

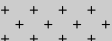

SITE PLAN

SHEET NUMBER

C-6

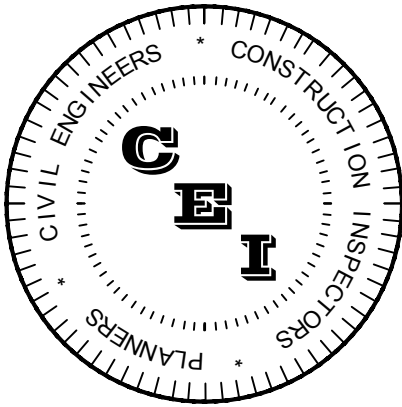


LEGEND

- | | |
|---|-----------------------------------|
|  | PROPERTY LINE |
|  | PROP. FENCE |
|  | SILT FENCE |
|  | TREE BARRICADE |
|  | PROP. CONC. S/W |
|  | PROP. SYNTHETIC TURF |
|  | PROP. ASPHALT PAVEMENT |
|  | PROP. OFF-SITE PAVEMENT |
|  | EXIST. ASPHALT PAVEMENT TO REMAIN |
|  | EXIST. CONC. TO REMAIN |
|  | PARKING SPACE COUNT |

KEY NOTES

- | | |
|---|---|
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PROJECT TITLE

HILLSBOROUGH COUNTY SALADINO DOG PARK

HILLSBOROUGH COUNTY, FLORIDA

CLIENT

**HILLSBOROUGH COUNTY
FACILITIES SERVICES R3M
601 E. KENNEDY BLVD
TAMPA, FL 33602**

REVISIONS

[illegible]

ISSUE DATE: 10/2017

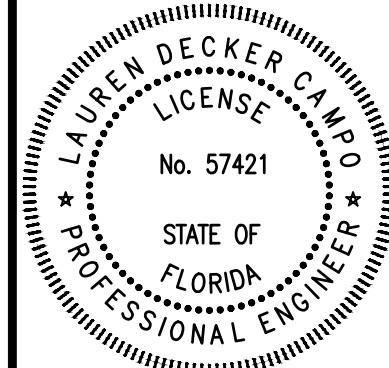
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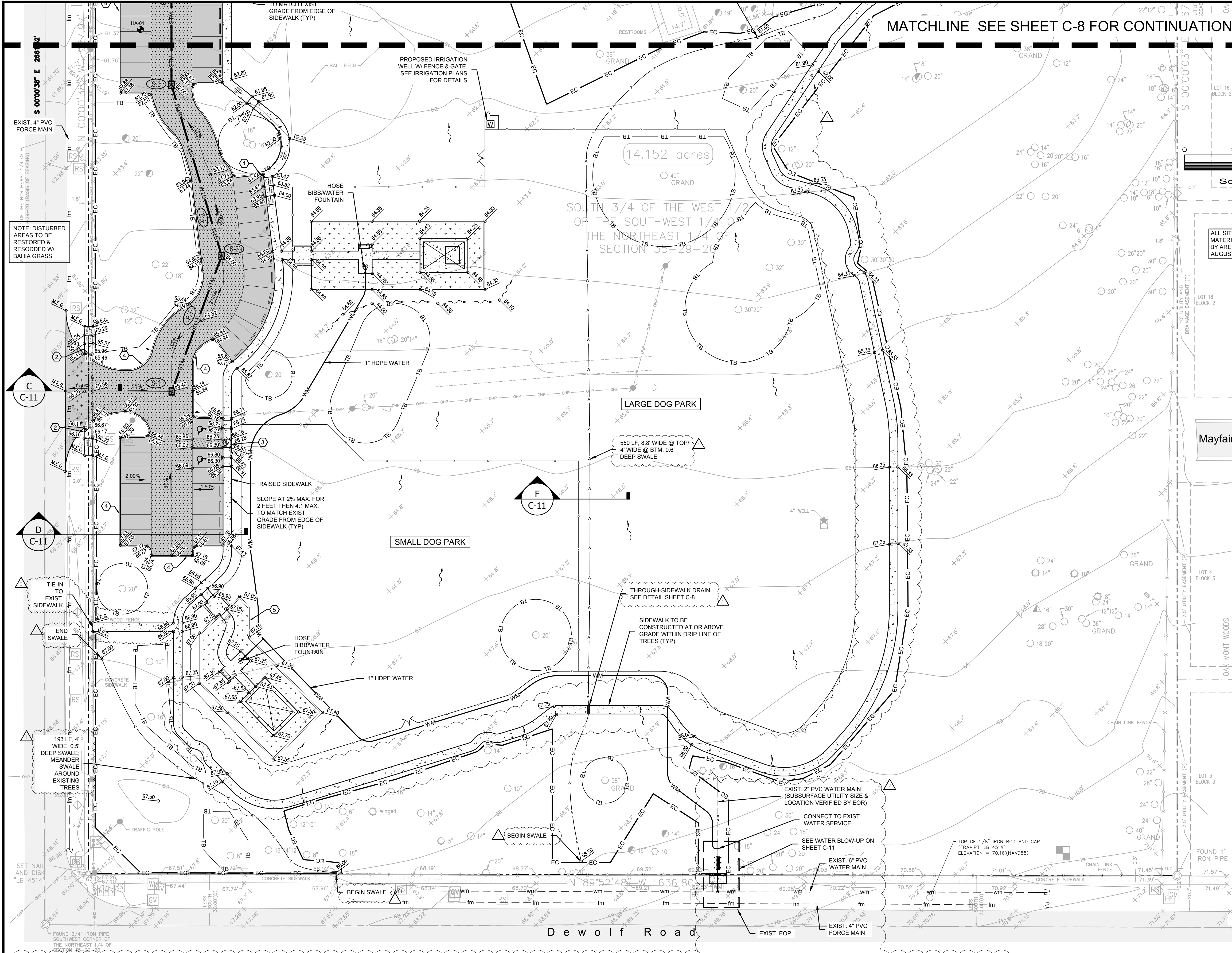
Lauren D. Campo	57421	03/29/2018
NAME	SEAL NO.	DATE

SHEET TITLE

SITE PLAN

SHEET NUMBER

C-7



LEGEND

- PROPERTY LINE
- PROP. FENCE
- SILT FENCE
- TREE BARRICADE
- PROP. CONC. S/W
- PROP. SYNTHETIC TURF
- PROP. LIGHT DUTY ASPHALT PAVEMENT
- PROP. HEAVY DUTY PAVEMENT
- PROP. OFF-SITE PAVEMENT
- EXIST. ASPHALT PAVEMENT TO REMAIN
- EXIST. CONC. TO REMAIN
- STORM STRUCTURE OR PIPE NUMBER
- FLOW ARROW
- PAVEMENT SLOPE
- PROPOSED SPOT GRADE
- CROSS SECTION NAME
- CROSS SECTION SHEET LOCATION
- PROPOSED STORM PIPE
- PROPOSED WATER MAIN

- UTILITY GENERAL NOTES**
- THE CONTRACTOR SHALL NOT OPERATE ANY VALVES OR PRESSURE TEST AGAINST ANY COUNTY INSTALLED VALVES OR FITTINGS.
 - GRASS AND MULCH, OR SOLID SOD, ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY CONSTRUCTION.
 - CONTRACTOR IS TO COORDINATE ALL WORK WITHIN, BUT NOT LIMITED TO PUBLIC RIGHT-OF-WAY WITH UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND THE MAKING OF ADJUSTMENTS TO SAME, IF REQUIRED.
 - CONTRACTOR SHALL CONTACT THE ENGINEER AND/OR THE OWNER PRIOR TO ANY CONSTRUCTION THAT MAY DAMAGE TREES.
 - FIRE HYDRANT, GATE VALVE AND BLOW-OFF VALVE ASSEMBLIES SHALL CONSIST OF ALL PIPE VALVES, TEES, FITTINGS, AND ANY AND ALL OTHER APPURTENANCES COMPRISING A COMPLETE WORKING UNIT.
 - CONTRACTOR SHALL PROVIDE ANY DEWATERING FOR UTILITY INSTALLATION IF REQUIRED.
 - BENDS SHALL BE INSTALLED IN WATER MAIN TO AVOID UNFORESEEN CONFLICTS IN EXISTING OR PROPOSED STRUCTURES.
 - THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.
 - CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF EXISTING WATER AND SEWER LINES PRIOR TO BEGINNING CONSTRUCTION.
 - THE EXISTING UNDERGROUND UTILITY LINES SHOWN HEREON WERE TAKEN FROM DOCUMENTS FURNISHED BY OTHERS AND NOT FIELD VERIFIED, THEREFORE, THE CONTRACTOR CANNOT GUARANTEE THE ACCURACY OF SAME NOR ALL THAT ARE SHOWN. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND UTILITY LINES IN COORDINATION WITH THE OWNERS TO HIS SATISFACTION AND MAKE ADJUSTMENTS TO SAME IN THE EVENT THERE ARE CONFLICTS WITH NEW CONSTRUCTION.
 - WHEN POTABLE WATER LINES PASS UNDERNEATH SEWER LINES, WATER LINES TO BE SLEEVED WITH SCHEDULE 80 PVC AND SEALED WITH WATERPROOF SEALANT WITHIN 5' OF SEWER CROSSINGS.
 - ALL NON-METALLIC PIPE WILL BE INSTALLED WITH 2 PAIR, 10 GAUGE, COPPER TRACER WIRE.

EXISTING UTILITY LOCATIONS NOTES

BEFORE BEGINNING SITE WORK, THE CONTRACTOR IS REQUIRED TO FIELD VERIFY THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND OTHER FEATURES. THE CONTRACTOR MAY CONSULT THE UTILITY OWNER'S RECORD DRAWINGS, BUT THE UTILITY OWNER AND THE ENGINEER DO NOT GUARANTEE, BY IMPLICATION OR OTHERWISE, THE ACCURACY OF THESE DRAWINGS. THE SITE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE FOR ANY MODIFICATION REQUIRED, OTHER THAN SHOWN ON PLANS.

FLOOD ZONE

THE PROPERTY SHOWN HEREON APPEARS TO BE IN FLOOD ZONE "X" ACCORDING TO THE FLOOD INSURANCE RATE MAP 12057C0392H, DATED AUGUST 28, 2008, FOR HILLSBOROUGH COUNTY, FLORIDA.

DATUM

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), HILLSBOROUGH COUNTY BENCHMARK "VB-195", PUBLISHED ELEVATION = 44.46' (NAVD88).

STRUCTURE DATA	PIPE DATA
S-1 TYPE "C" INLET GRATE EL = 65.40 INV EL = 62.10	P-1 84 LF 15" RCP @ 1.87%
S-2 TYPE "C" INLET GRATE EL = 64.00 INV EL = 60.70 (SW & NW)	P-2 104 LF 15" RCP @ 1.92%
S-3 TYPE "C" INLET GRATE EL = 62.00 INV EL = 58.70 (SE & N)	

- KEY NOTES**
- 3' CURB TRANSITION TO FLUSH PAINTED YELLOW
 - CURB RAMP CR-F (MODIFIED) PER FDOT INDEX 304
 - CURB RAMP CR-C PER FDOT INDEX 304
 - TYPE "D" CURB
 - RIBBON CURB

HILLSBOROUGH COUNTY PUBLIC UTILITIES ASSET DATA

TO BE COMPLETED BY CONTRACTOR POST CONSTRUCTION FOR ALL WORK UP TO THE METER ASSEMBLY

Point(s) of Connection	GPS X Coordinate	GPS Y Coordinate	GPS Z Coordinate	Ground Elevation	Type	Size	Length	Manufacturer	Model	Cost
Fittings										
Valves										
Hydrants										
Pressure Pipes										
Meter Assembly										
Casings										

- HILLSBOROUGH COUNTY UTILITY NOTES**
- THE CONTRACTOR/ENGINEER OF RECORD MUST CONTACT THE HILLSBOROUGH COUNTY PUBLIC UTILITY DEPT., INSPECTION SECTION AND LINE MAINTENANCE TO SET UP THE PRE-CONSTRUCTION MEETING. CONTACT WILLIE LAVANDERIA @ 272-5977 EXT. 43534 FOR INSPECTIONS AND THE SOUTH/CENTRAL LINE MAINTENANCE UNIT AT 671-7604 OR THE NORTHWEST LINE MAINTENANCE UNIT AT 554-5010.
 - ALL ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 - CONTRACTOR TO EXPOSE WATER MAIN AND FURNISH TAPPING SLEEVE AND VALVE FOR WATER METER TAP IF REQUIRED AND INSTALL 2" POLYETHYLENE (P.E.) WATER SERVICE LINE FROM MAIN TO METER. HILLSBOROUGH COUNTY PUBLIC UTILITIES WILL PERFORM THE TAPPING OPERATION.
 - CONTRACTOR TO COORDINATE WITH KEN WILLIAMS FOR SOUTH/CENTRAL @ 813-671-7604, OR SEAN YUHAS FOR NORTHWEST @ 813-554-5010 OF THE HILLSBOROUGH COUNTY PUBLIC UTILITIES DEPT. PRIOR TO THE SELECTION AND ORDERING OF THE WATER METER AND/OR BACKFLOW PREVENTION DEVICE ASSEMBLIES.
 - THE MASTER METER ASSEMBLY WILL BE DIRECTLY ACCESSIBLE BY BOOM TRUCK OFF OF THE COUNTY ROW OR BY AN INTERIOR ROAD THAT IS NOT BLOCKED BY A WALL, FENCE OR GATE. THE ELEVATION OF THE CONCRETE SLAB WILL BE HIGHER THAN THE IMMEDIATE SURROUNDING AREA. DO NOT MULCH AREA AROUND SLAB. DO NOT PLANT ANY LANDSCAPE THAT WILL HINDER DIRECT ACCESS IN THE FUTURE TO THE METER ASSEMBLY.
 - CONTRACTOR MUST COORDINATE THE SHUTDOWN OF THE EXISTING POTABLE WATER, WASTEWATER FOREMAN, OR RECLAIMED WATER MAIN WITH HILLSBOROUGH COUNTY FIELD MAINTENANCE SERVICES. CONTACT THE NORTHWEST UNIT AT 813-554-5010 OR THE SOUTH/CENTRAL UNIT AT 813-671-7604.
 - ALL NON-METALLIC PIPE WILL BE INSTALLED WITH 2 PAIR, 10 GAUGE COPPER TRACER WIRE.
 - THE LOCATION OF ALL NEWLY INSTALLED FIRE HYDRANTS SHALL BE IDENTIFIED WITH A BLUE REFLECTIVE PAVEMENT MARKER INSTALLED ON THE ROADWAY, PERPENDICULAR TO THE FIRE HYDRANT. THE REFLECTIVE MARKER WILL BE LOCATED IN THE CENTER OF THE LANE CLOSEST TO THE HYDRANT.
 - THE ENGINEER OF RECORD AND/OR CONTRACTOR WILL BE RESPONSIBLE FOR THE FLOW TESTING AND COLOR CODING OF ALL NEWLY INSTALLED FIRE HYDRANTS IN THE EXISTING OR PROPOSED HILLSBOROUGH COUNTY RIGHT OF WAY AND UTILITY EASEMENTS THAT ARE TO BE DEDICATED TO HILLSBOROUGH COUNTY PRIOR TO THE FINAL INSPECTION OF THE PROJECT. THE ENGINEER OF RECORD AND/OR CONTRACTOR SHALL REFER TO NFPA STANDARD 291 FOR FLOW TESTING AND COLOR CODING METHODS AND PROCEDURES.

- CONSTRUCTION NOTES**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE EXTENTS OF PAVEMENT RESTORATION BASED ON HIS MEANS AND METHODS OF INSTALLING WATER, SEWER AND STORMWATER INFRASTRUCTURE ADJACENT TO OR UNDER EXISTING PAVEMENT AREAS. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING LOCAL MUNICIPALITY AND STATE STANDARDS WHEN RESTORING PAVEMENT AND NOT SOLELY RELY ON CIVIL PLANS.
 - CONTRACTOR MUST VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

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HILLSBOROUGH COUNTY, FLORIDA

CLIENT

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601 E. KENNEDY BLVD
TAMPA, FL 33602**

REVISIONS

NO.	DESCRIPTION	DATE
1	PER SHWFMW COMMENTS	1/03/18
2	PER COUNTY COMMENTS	1/09/18
3	PER COUNTY COMMENTS	3/29/18

ISSUE DATE: 10/2017

REVIEWED BY: LDC

DRAWN BY: BLM

DESIGNED BY: LDC/BLM

PROJECT NUMBER
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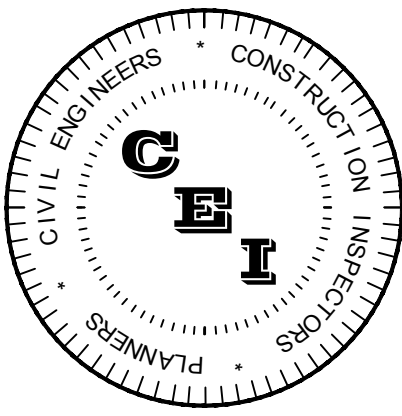
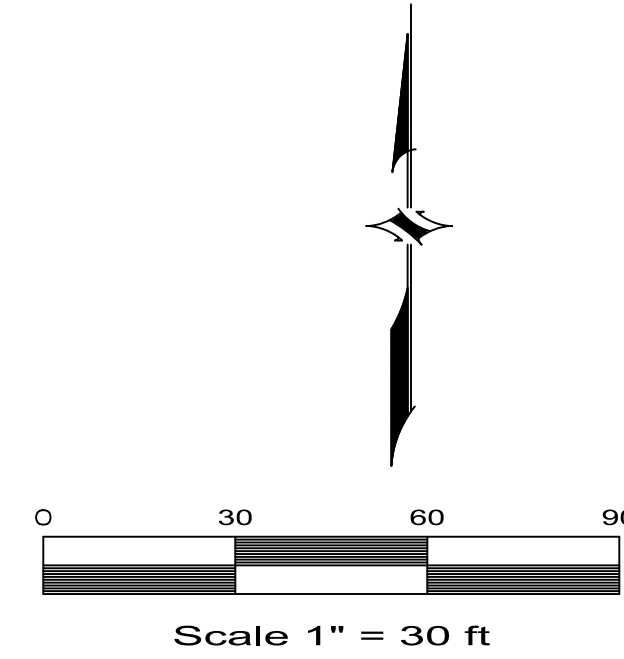
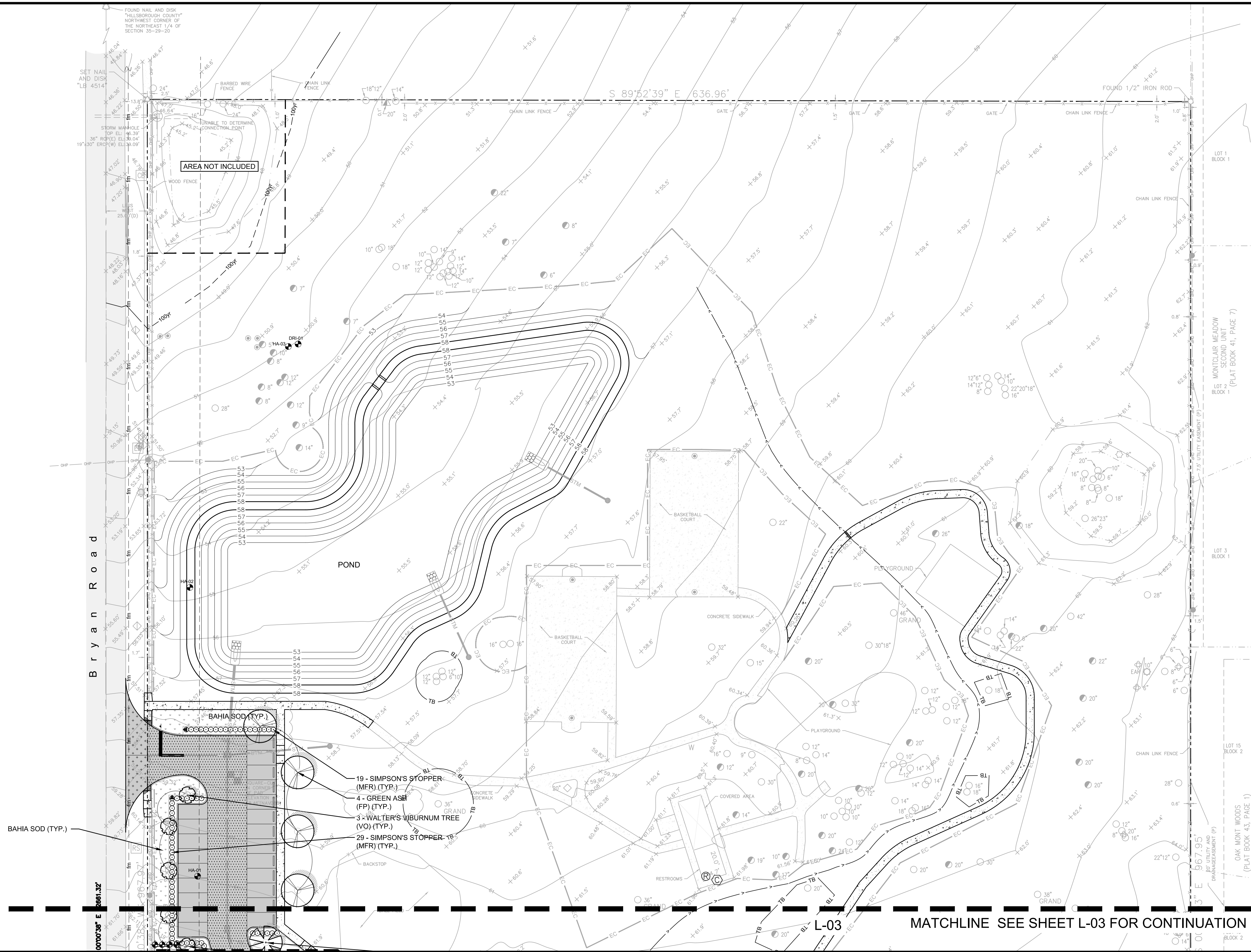
Lauren D. Campo 57421 03/29/2018
NAME SEAL NO. DATE

SHEET TITLE
**PAVING, GRADING,
DRAINAGE &
UTILITY PLAN**

SHEET NUMBER
C-9



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REVISIONS

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2	COUNTY COMMENTS	1/9/18

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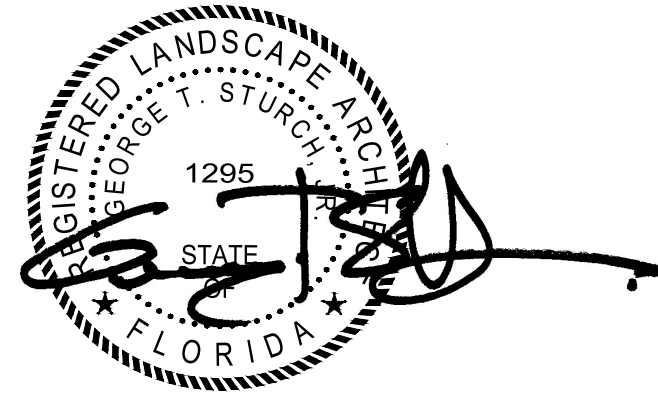
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PROJECT NUMBER

17-047



George T. Sturch, Jr. 1295 03/29/2018
NAME SEAL NO. DATE

SHEET TITLE

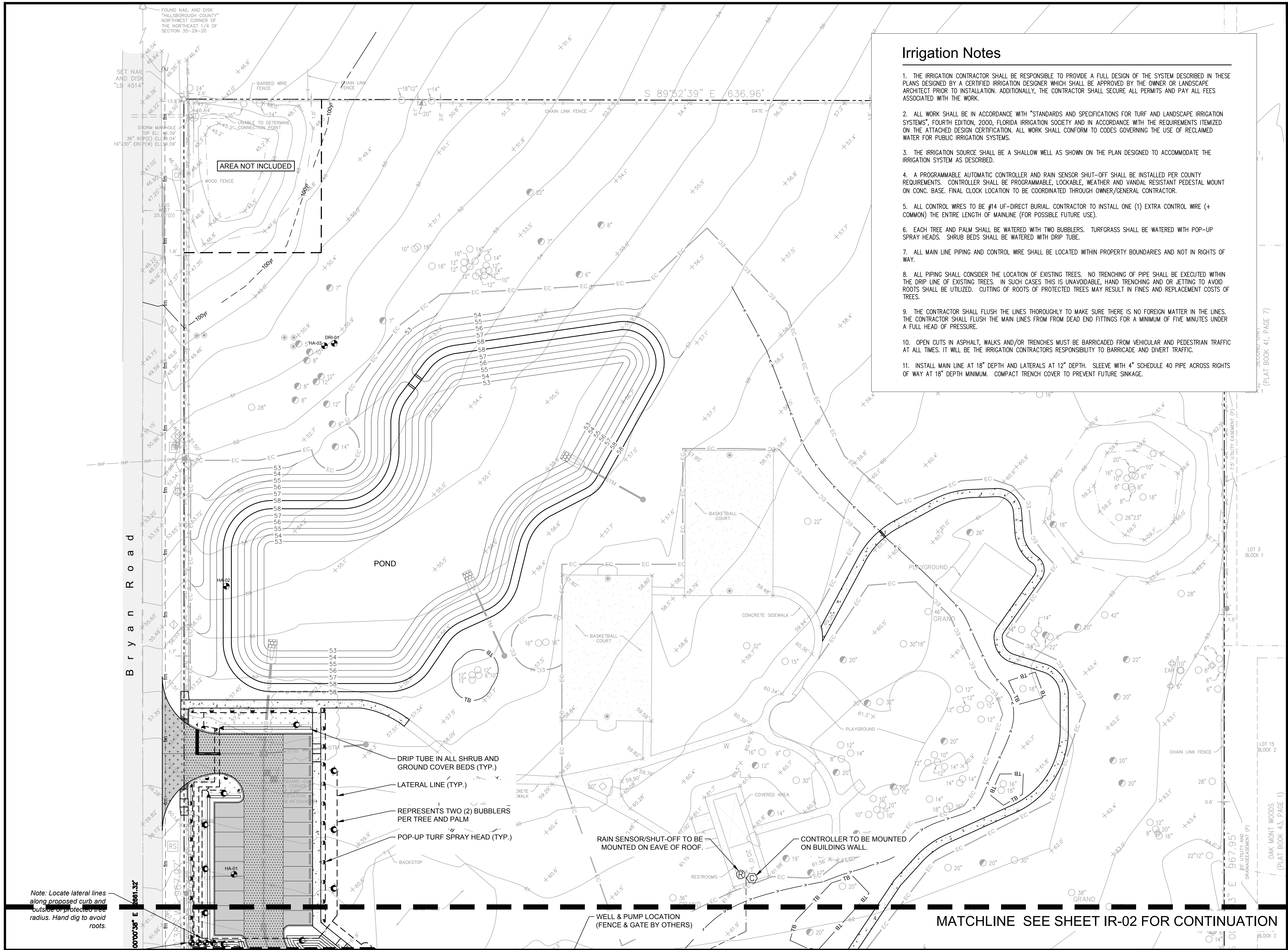
PLANTING PLAN

SHEET NUMBER

L-02

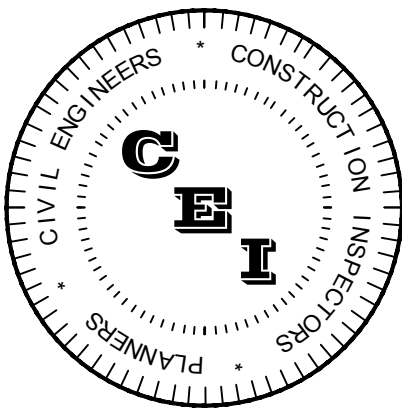
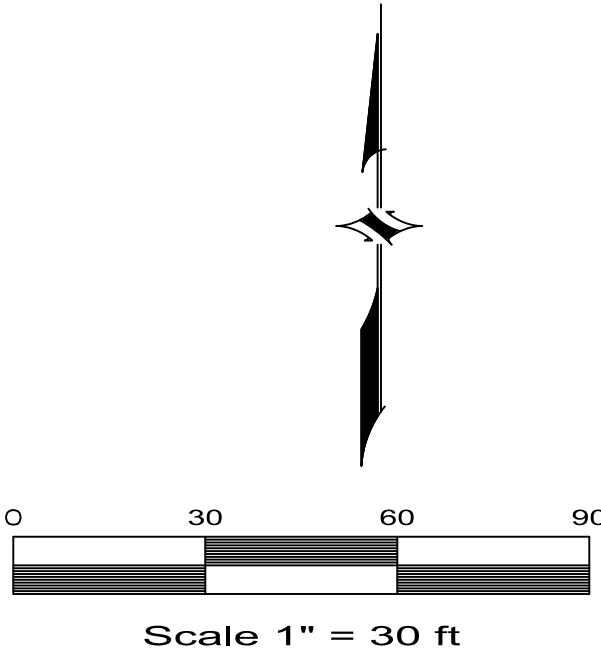
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Irrigation Notes

1. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A FULL DESIGN OF THE SYSTEM DESCRIBED IN THESE PLANS DESIGNED BY A CERTIFIED IRRIGATION DESIGNER WHICH SHALL BE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ADDITIONALLY, THE CONTRACTOR SHALL SECURE ALL PERMITS AND PAY ALL FEES ASSOCIATED WITH THE WORK.
2. ALL WORK SHALL BE IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS", FOURTH EDITION, 2000, FLORIDA IRRIGATION SOCIETY AND IN ACCORDANCE WITH THE REQUIREMENTS ITEMIZED ON THE ATTACHED DESIGN CERTIFICATION. ALL WORK SHALL CONFORM TO CODES GOVERNING THE USE OF RECLAIMED WATER FOR PUBLIC IRRIGATION SYSTEMS.
3. THE IRRIGATION SOURCE SHALL BE A SHALLOW WELL AS SHOWN ON THE PLAN DESIGNED TO ACCOMMODATE THE IRRIGATION SYSTEM AS DESCRIBED.
4. A PROGRAMMABLE AUTOMATIC CONTROLLER AND RAIN SENSOR SHUT-OFF SHALL BE INSTALLED PER COUNTY REQUIREMENTS. CONTROLLER SHALL BE PROGRAMMABLE, LOCKABLE, WEATHER AND VANDAL RESISTANT PEDESTAL MOUNT ON CONC. BASE. FINAL CLOCK LOCATION TO BE COORDINATED THROUGH OWNER/GENERAL CONTRACTOR.
5. ALL CONTROL WIRES TO BE #14 UF-DIRECT BURIAL. CONTRACTOR TO INSTALL ONE (1) EXTRA CONTROL WIRE (+ COMMON) THE ENTIRE LENGTH OF MAINLINE (FOR POSSIBLE FUTURE USE).
6. EACH TREE AND PALM SHALL BE WATERED WITH TWO BUBBLERS. TURFGRASS SHALL BE WATERED WITH POP-UP SPRAY HEADS. SHRUB BEDS SHALL BE WATERED WITH DRIP TUBE.
7. ALL MAIN LINE PIPING AND CONTROL WIRE SHALL BE LOCATED WITHIN PROPERTY BOUNDARIES AND NOT IN RIGHTS OF WAY.
8. ALL PIPING SHALL CONSIDER THE LOCATION OF EXISTING TREES. NO TRENCHING OF PIPE SHALL BE EXECUTED WITHIN THE DRIP LINE OF EXISTING TREES. IN SUCH CASES THIS IS UNAVOIDABLE, HAND TRENCHING AND OR LETTING TO AVOID ROOTS SHALL BE UTILIZED. CUTTING OF ROOTS OF PROTECTED TREES MAY RESULT IN FINES AND REPLACEMENT COSTS OF TREES.
9. THE CONTRACTOR SHALL FLUSH THE LINES THOROUGHLY TO MAKE SURE THERE IS NO FOREIGN MATTER IN THE LINES. THE CONTRACTOR SHALL FLUSH THE MAIN LINES FROM FROM DEAD END FITTINGS FOR A MINIMUM OF FIVE MINUTES UNDER A FULL HEAD OF PRESSURE.
10. OPEN CUTS IN ASPHALT, WALKS AND/OR TRENCHES MUST BE BARRICADED FROM VEHICULAR AND PEDESTRIAN TRAFFIC AT ALL TIMES. IT WILL BE THE IRRIGATION CONTRACTORS RESPONSIBILITY TO BARRICADE AND DIVERT TRAFFIC.
11. INSTALL MAIN LINE AT 18" DEPTH AND LATERALS AT 12" DEPTH. SLEEVE WITH 4" SCHEDULE 40 PIPE ACROSS RIGHTS OF WAY AT 18" DEPTH MINIMUM. COMPACT TRENCH COVER TO PREVENT FUTURE SINKAGE.



CAMPO
ENGINEERING, INC.

FBPR CERTIFICATE OF AUTHORIZATION NO.: 26726

1725 EAST 5TH AVENUE
TAMPA, FL 33605
PHONE: (813) 215-7372
FAX: (813) 902-8782

PROJECT TITLE

**HILLSBOROUGH COUNTY
SALADINO DOG PARK**

HILLSBOROUGH COUNTY, FLORIDA

CLIENT

**HILLSBOROUGH COUNTY
FACILITIES SERVICES R3M
601 E. KENNEDY BLVD
TAMPA, FL 33602**

REVISIONS

NO.	DESCRIPTION	DATE
2	COUNTY COMMENTS	1/9/18

ISSUE DATE: 10/2017

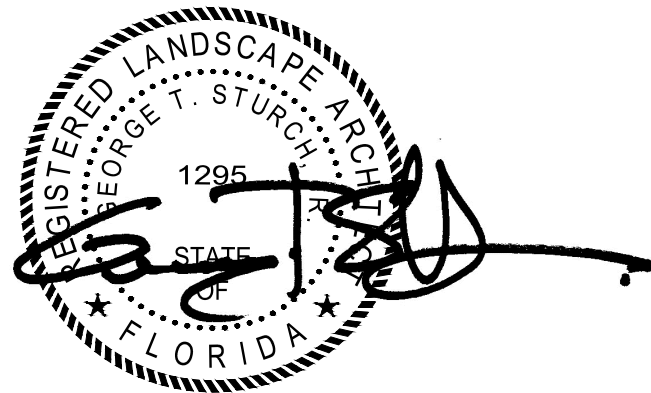
REVIEWED BY: LDC

DRAWN BY: BLM

DESIGNED BY: LDC/BLM

PROJECT NUMBER

17-047



George T. Sturch, Jr. 1295 03/29/2018
NAME SEAL NO. DATE

SHEET TITLE

IRRIGATION PLAN

SHEET NUMBER

IR-01

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