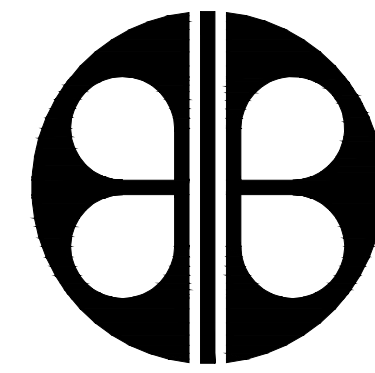


ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD



BORRELLI + PARTNERS
ARCHITECTURE PLANNING LANDSCAPE INTERIOR
ACC 000711

720 VASSAR STREET
ORLANDO, FL. 32804 (407) 418-1338

CONSULTANTS:

CIVIL ENGINEERS

SK CONSORTIUM, INC

1053 N. ORLANDO AVENUE, SUITE 3
MAITLAND, FLORIDA 32751

BOARD OF COUNTY COMMISSIONERS

TERESA JACOBS
COUNTY MAYOR

BETSY VANDERLEY
DISTRICT 1

JENNIFER THOMPSON
DISTRICT 4

BRYAN NELSON
DISTRICT 2

EMILY BONILLA
DISTRICT 5

PETE CLARKE
DISTRICT 3

VICTORIA P. SIPLIN
DISTRICT 6

LEGAL DESCRIPTION

FROM SE COR OF NE1/4 RUN N 30 FT FOR POB CONT N
1320 FT W 660 FT S 660 FT E 330 FT S 660 FT E 330 FT
TO POB (LESS RD R/W ON S) & (LESS PT TAKEN ON S FOR
R/W PER 5944/1295) IN SEC 17-23-29

PROJECT DESCRIPTION

THIS PROJECT IS TO CONSIST OF THE INSTALLATION OF
ELEMENTS ASSOCIATED WITH THE ADDITION OF AN
OUTDOOR PET INTERACTIVE YARD FOR POTENTIAL PET
ADOPTION. THE ELEMENTS INCLUDE; CHAINLINK FENCE
ENCLOSURE, ARTIFICIAL TURF YARD, MINOR DRAINAGE
IMPROVEMENTS, SHADE STRUCTURES AND ADDITION OF
SHADE TREES.

16-165

ORANGE COUNTY
400 E. SOUTH STREET, ORLANDO, FLORIDA 32801

100% CONSTRUCTION DOCUMENTS
06/30/17

DRAWING INDEX

BID/PERMIT DOCUMENTS

GENERAL

G-100 COVER SHEET & INDEX OF DRAWINGS

ARCHITECTURAL

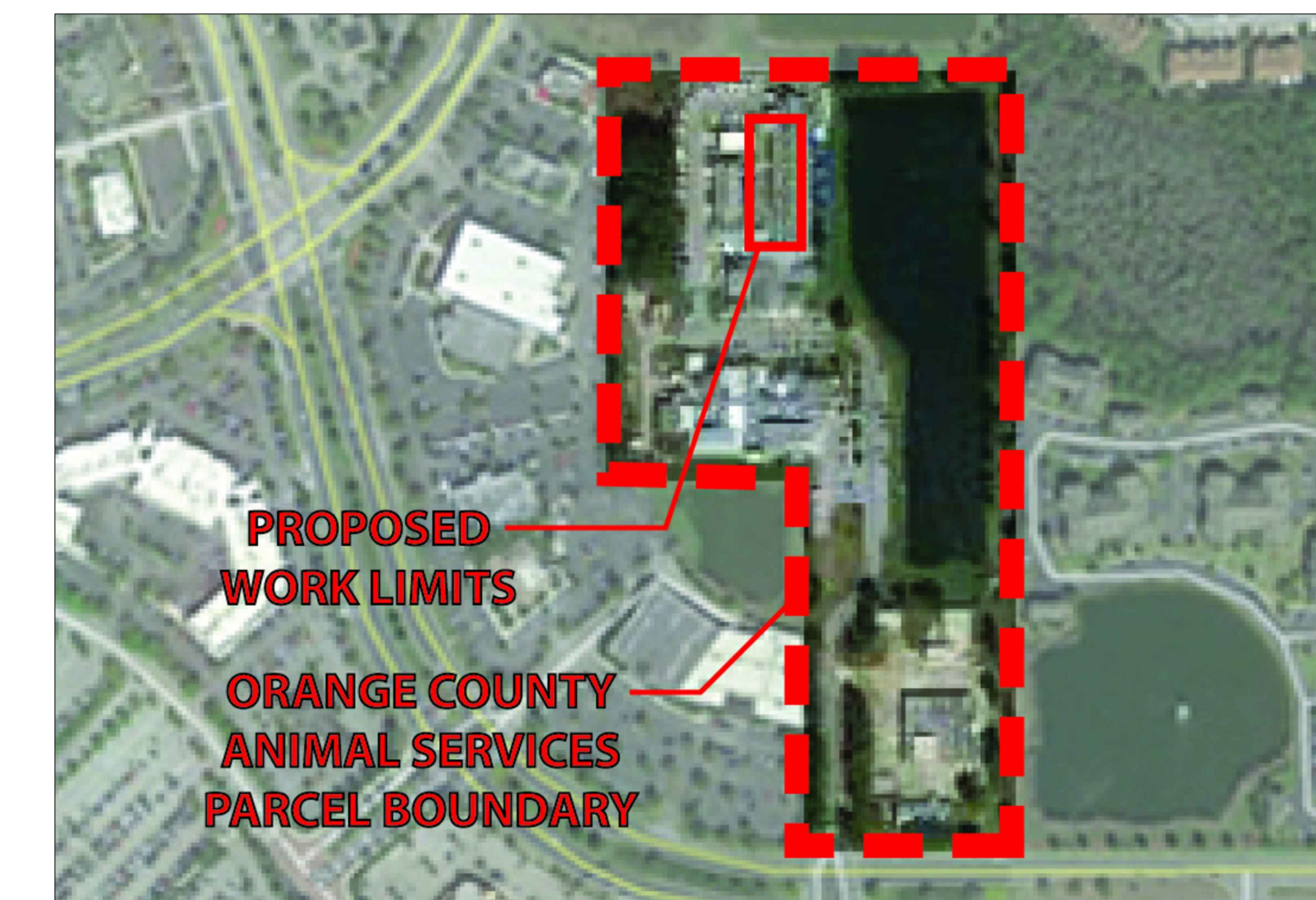
A-100 SITE LAYOUT PLAN & SHADE STRUCTURE PLANS

CIVIL

C002 DEMOLITION & EROSION CONTROL PLAN
C201 GRADING AND DRAINAGE PLAN
C301 SITE DETAILS



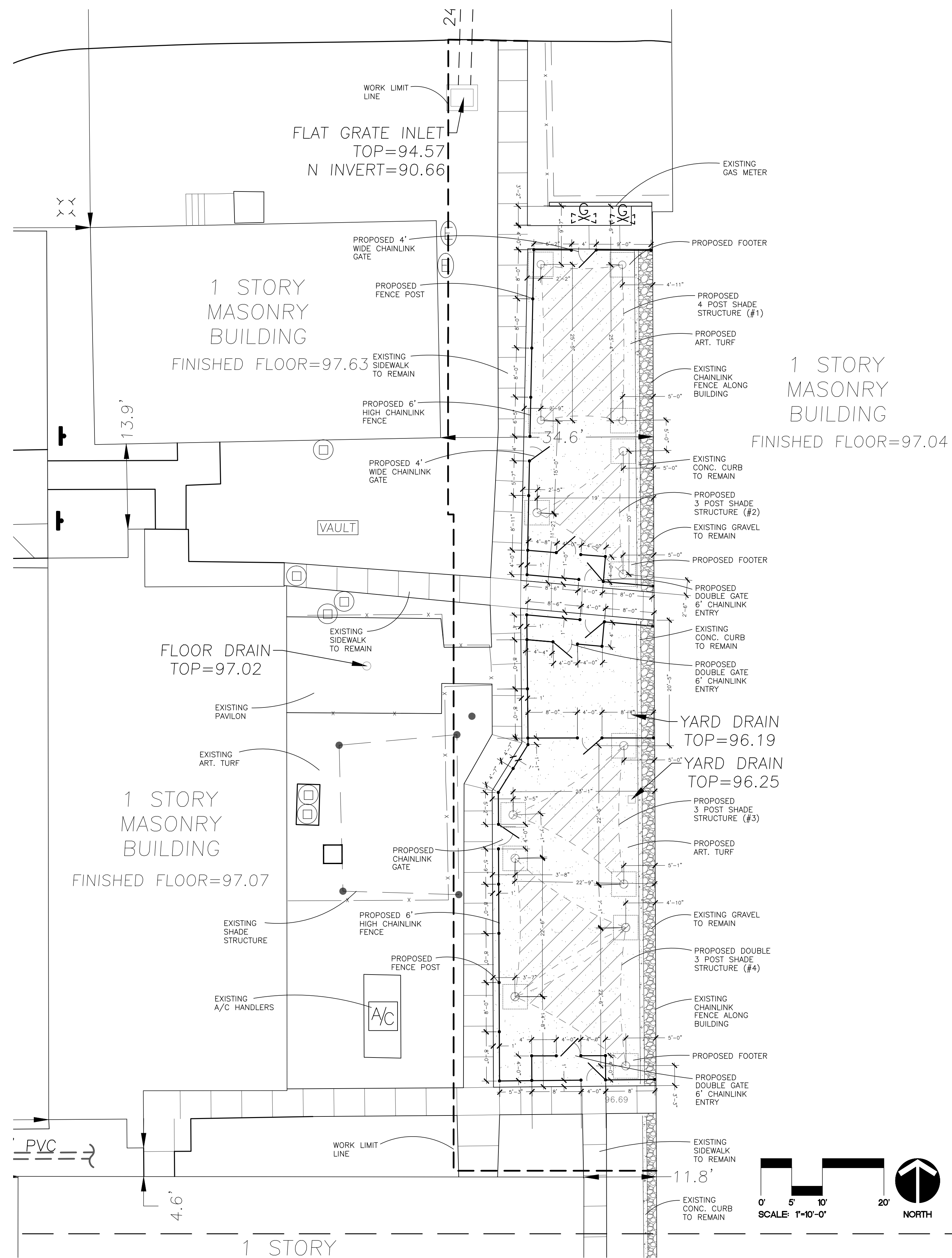
VICINITY MAP (N.T.S.)



LOCATION MAP (N.T.S.)

ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD

| | |
|--|---|
| <p>BORRELLI + PARTNERS ARCHITECTURE PLANNING LANDSCAPE INTERIOR 720 VASSAR STREET ORLANDO, FL. 32804 (407) 418-1338</p> | |
| SIGNATURE AND DATED SEAL | |
| CONSULTANTS | |
| 100% CONSTRUCTION DOCUMENTS COVER SHEET | |
| PROJECT ADDRESS | ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD 2749 CONROY RD ORLANDO, FL 32839 |
| DATE | |
| DESCRIPTION | |
| REV. | |
| PROJECT NO. | 16-165 |
| PHASE | 100% CONSTRUCTION DOCUMENTS |
| SCALE | NO SCALE |
| FILE NAME | 16-165 |
| DRAWN BY | AKP |
| CHECKED BY | CDR |
| DATE | 06/30/2017 |
| | |



Boediger Agencies cc
ANALYTICAL LABORATORY

12 June 2016

KEY TO PLAN
Shaded Areas: Proposed
Solid Lines: Existing

Dear Mr. Specifier:
A sample of fabric wire fabric for the shade structure was brought to the analytical laboratory of Boediger Agencies cc to evaluate the fabric according to NFPA 701 2014 action as the following test method.
The sample was cut according to the specification and that is the long section in the direction of the ribs.
This is a long section and can bear continuous weight of the other wire fabric. The test results are tabulated below.

| Specimen | Max. Load (lb) | Max. Elong. (%) | After Elong. (in) | Flaming (sec) | Weight Loss (%) | Notes |
|--------------------|----------------|-----------------|-------------------|---------------|-----------------|-------|
| Test 1 | 10,741 | 30.62 | 0 | 0 | 0.00 | No |
| Test 2 | 10,820 | 30.72 | 0 | 1 | 0.24 | No |
| Test 3 | 10,790 | 30.68 | 0 | 0 | 0.00 | No |
| Test 4 | 10,220 | 30.17 | 0 | 0 | 0.00 | No |
| Test 5 | 10,790 | 30.68 | 0 | 1 | 0.24 | No |
| Test 6 | 10,240 | 30.71 | 0 | 1 | 0.28 | No |
| Test 7 | 10,800 | 30.75 | 0 | 1 | 0.28 | No |
| Test 8 | 10,800 | 30.75 | 0 | 1 | 0.28 | No |
| Test 9 | 10,800 | 30.75 | 0 | 1 | 0.28 | No |
| Test 10 | 10,800 | 30.75 | 0 | 1 | 0.28 | No |
| Average | | | | | 0.21 | |
| Standard deviation | | | | | 0.11 | |

DESIGN CRITERIA
2010 FLORIDA BUILDING CODE
ROAD LOAD:
FABRIC: 0.50 PSF
ROOF SNOW LOAD: 0 PSF
ROOF WIND LOAD: 0 PSF
SNOW EXPOSURE FACTOR: 1.0
SNOW LOAD IMPORTANCE FACTOR: 1.0
WIND EXPOSURE FACTOR: 1.0
WIND IMPORTANCE FACTOR: 1.0
WIND EXPOSURE CATEGORY: C
DUST EFFECT FACTOR: 0.89
SEISMIC DESIGN:
SEISMIC IMPORTANCE FACTOR: 1.0
SEISMIC USE CLASS: D
SEISMIC DESIGN CATEGORY: V
SEISMIC FORCE RESISTING SYSTEM: CANTILEVERED COLUMN DETAIL TO INTERMEDIATE MOMENT FRAMES

OWNER NOTES
1. FABRIC (REBRANDED) MUST BE REMOVED BEFORE LOAD/ROOF SNOW LOAD IS EXPECTED TO EXCEED 5 PSF AND/OR THE BASIC WIND SPEED IS EXPECTED TO EXCEED 90 MPH.
2. THE OWNER ACCEPTS FULL RESPONSIBILITY OF BRACING THE FABRIC FROM THE STEEL FRAME WHEN ANY OR ALL OF THESE CONDITIONS MAY OCCUR.
3. THE STEEL STRUCTURE WITH THE FABRIC REMOVE IS DESIGNED TO WITHSTAND DEAD LOADS, ROOF LIVE LOADS, SNOW LOADS, SEISMIC LOADS AND WIND SPEEDS PER THE LOCAL CODE REQUIREMENTS.

GENERAL NOTES
1. FABRIC MEETS NFPA 701-04.
2. ALL EXPOSED STEEL TO BE POWDER COATED.

FOUNDATION DESIGN
CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS: 2,500 PSI
STEEL REINFORCEMENT: A305, GRADE 60
VERTICAL FOUNDATION PRESSURE: 1,200 PSF
LATERAL BEARING PRESSURE: 100 PSF

FOUNDATION NOTES
1. THE FOUNDATION DESIGN IS BASED ON TABLE 1005 OF THE BUILDING CODE CLASS 5 SOIL MATERIAL. IF DIFFERENT SOIL CONDITIONS ARE ENCOUNTERED, IT IS RECOMMENDED THAT A SITE SPECIFIC GEOTECHNICAL REPORT IS CONDUCTED TO DETERMINE THE LOAD BEARING VALUES OF THE SOIL.
2. IF THE FOOTING DEPTH DOES NOT MEET LOCAL FROST REQUIREMENTS, FOOTINGS SHALL BE REDESIGNED UNDER THE DIRECTION OF AN ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCAL FROST DEPTH.

MATERIALS
ALL MATERIALS LISTED BELOW MAY NOT BE SPECIFIC TO THIS PROJECT.

| MEMBER TYPE | ASTM | MIN. YIELD STRENGTH |
|-----------------------------|--------------|---------------------|
| W SHAPES | A992 | 50 ksi |
| RECTANGULAR HSS TUBES | A400 GRADE B | 44 ksi |
| SQUARE HSS TUBES | A400 GRADE B | 44 ksi |
| ROUND HSS TUBES | A400 GRADE B | 44 ksi |
| SCHEDULE PIPE | A53 GRADE B | 35 ksi |
| ROUND MECHANICAL TUBING | A106 | 42 ksi |
| MISCELLANEOUS PLATES/SHAPES | A36 | 36 ksi |
| CONNECTION BOLTS | A307 | 36 ksi |
| HEADED ANCHOR BOLTS | F1554 | 36 ksi |
| HOOKED ANCHOR BOLTS | A307 | 36 ksi |

1/4" GALVANNEED AIRCRAFT CABLE SHALL HAVE A NOMINAL STRENGTH OF 9,000 LBS.

TABLE 1

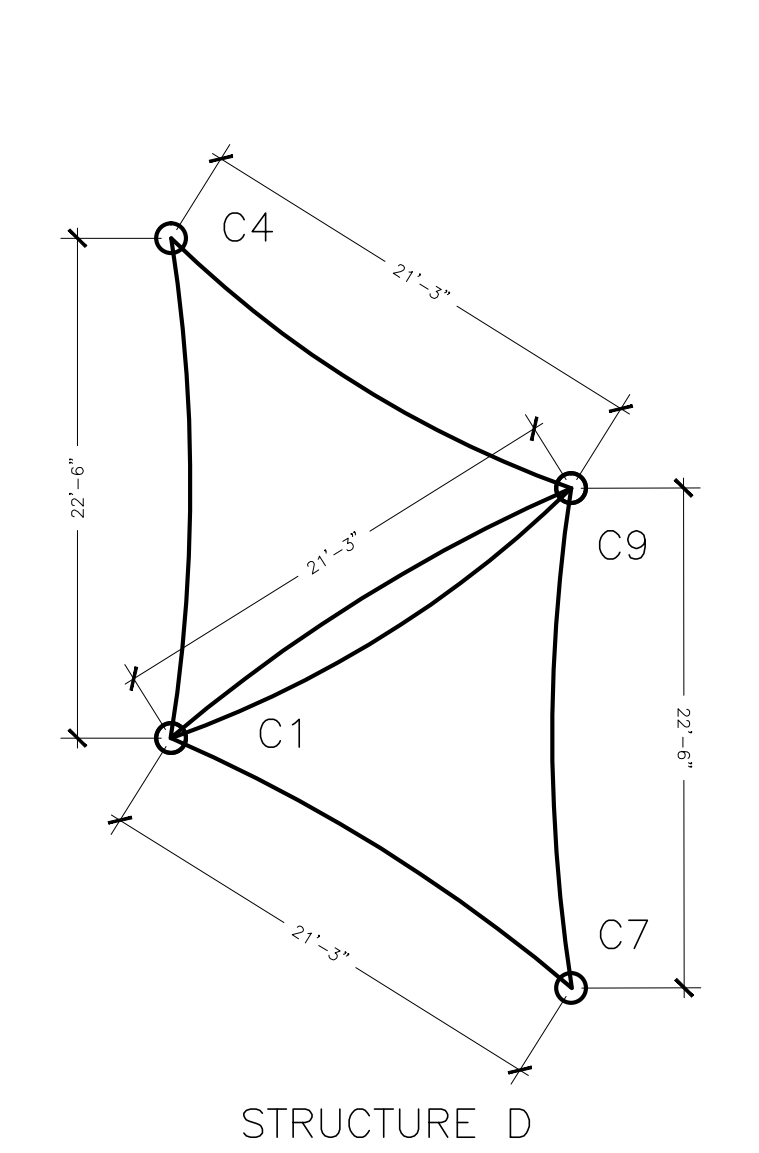
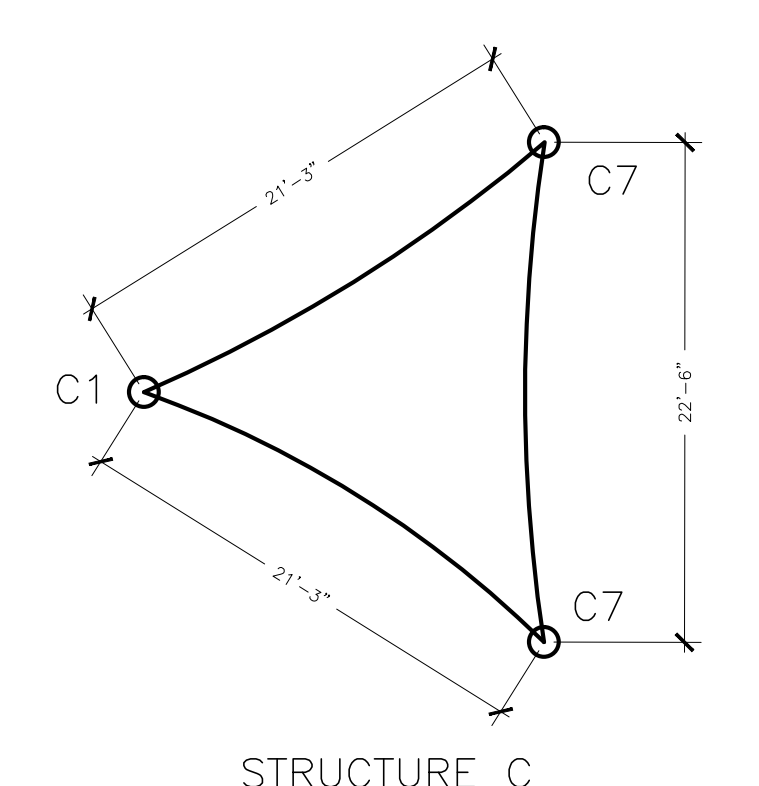
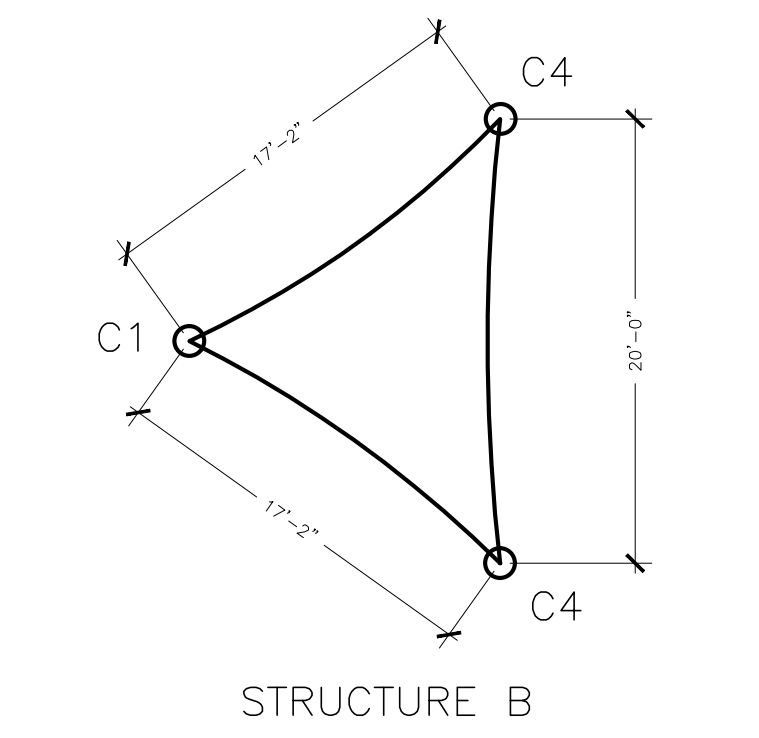
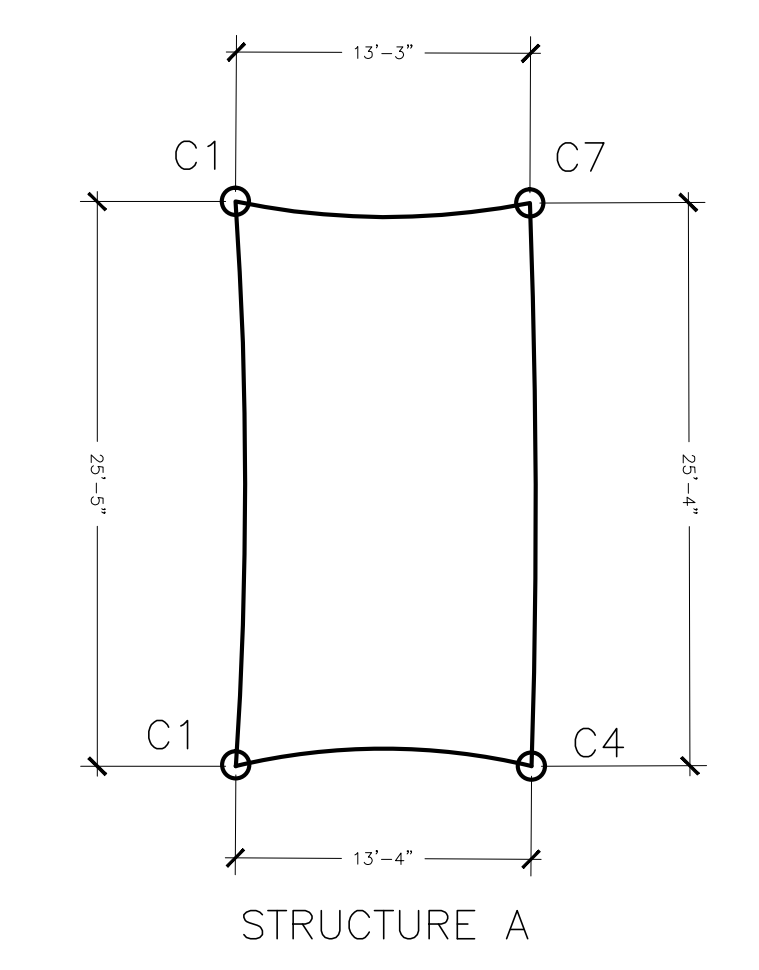
| STRUCTURE TYPE | COLUMN SIZE | COLUMN SECTION | FOOTING SIZE | FOOTING REINFORCEMENT | BASE PLATE SIZE |
|----------------|-------------|--------------------|--------------|------------------------|-------------------------|
| C1 = 8' | 8.63" OD | 2.5" x 2.5" Sch-40 | 3.0' Deep | (4) #5 EW TOP & BOTTOM | 16" x 16" x 1" Thk. |
| C2/C3/C5/7/8/9 | 8.63" OD | 2.5" x 2.5" Sch-40 | 3.0' Deep | (4) #5 EW TOP & BOTTOM | 16" x 16" x 1" Thk. |
| C4 = 9' | 10.75" OD | 3.0" x 3.0" Sch-40 | 3.0' Deep | (4) #5 EW TOP & BOTTOM | 19.8" x 19.8" x 1" Thk. |
| C7 = 10' | 8.63" OD | 2.5" x 2.5" Sch-40 | 3.0' Deep | (4) #5 EW TOP & BOTTOM | 16" x 16" x 1" Thk. |
| C8/C11 = 10' | 8.63" OD | 2.5" x 2.5" Sch-40 | 3.0' Deep | (4) #5 EW TOP & BOTTOM | 16" x 16" x 1" Thk. |
| C9/C10 = 10' | 10.75" OD | 3.0" x 3.0" Sch-40 | 3.0' Deep | (4) #5 EW TOP & BOTTOM | 19.8" x 19.8" x 1" Thk. |

DETAILS:
3. FABRIC CORNER DETAIL STANDARD 5/8" DRIVE
4. ANCHOR DETAIL
5. BASE PLATE DETAIL
6. FOOTING DETAIL

Apply Polymer Sealant to Exposed Anchor Hardware

1 1/4" BASE PLATE
GRADE
HIGH STRENGTH NON SHORR NON METALLIC GROUT
3" TYP
3" TYP
AS PER TABLE #1

FINALIZED STRUCTURAL PLANS FOR INDIVIDUAL SHADE STRUCTURES TO BE PROVIDED BY MANUFACTURER AFTER ORDERING BY CONTRACTOR.



B SHADE STRUCTURE PLANS

SCALE: NO SCALE

A SITE LAYOUT PLAN

SCALE: 1"=10'-0"

ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD

BORRELLI + PARTNERS
ARCHITECTURE PLANNING LANDSCAPE INTERIOR
770 VASSAR STREET
ORLANDO, FL 32804 (407) 418-1338

PROJECT NO. 16-105
PHASE 100% CONSTRUCTION DOCUMENTS
SCALE 1"=20'-0"
FILE NAME 16-105
DRAWN BY CDR
CHECKED BY CDR
DATE 06/30/2017

PROJECT ADDRESS
ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD
2749 CONROY RD
ORLANDO, FL 32839

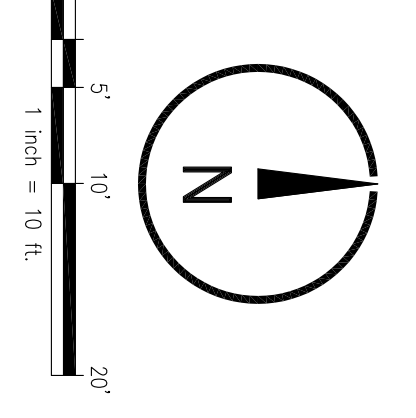
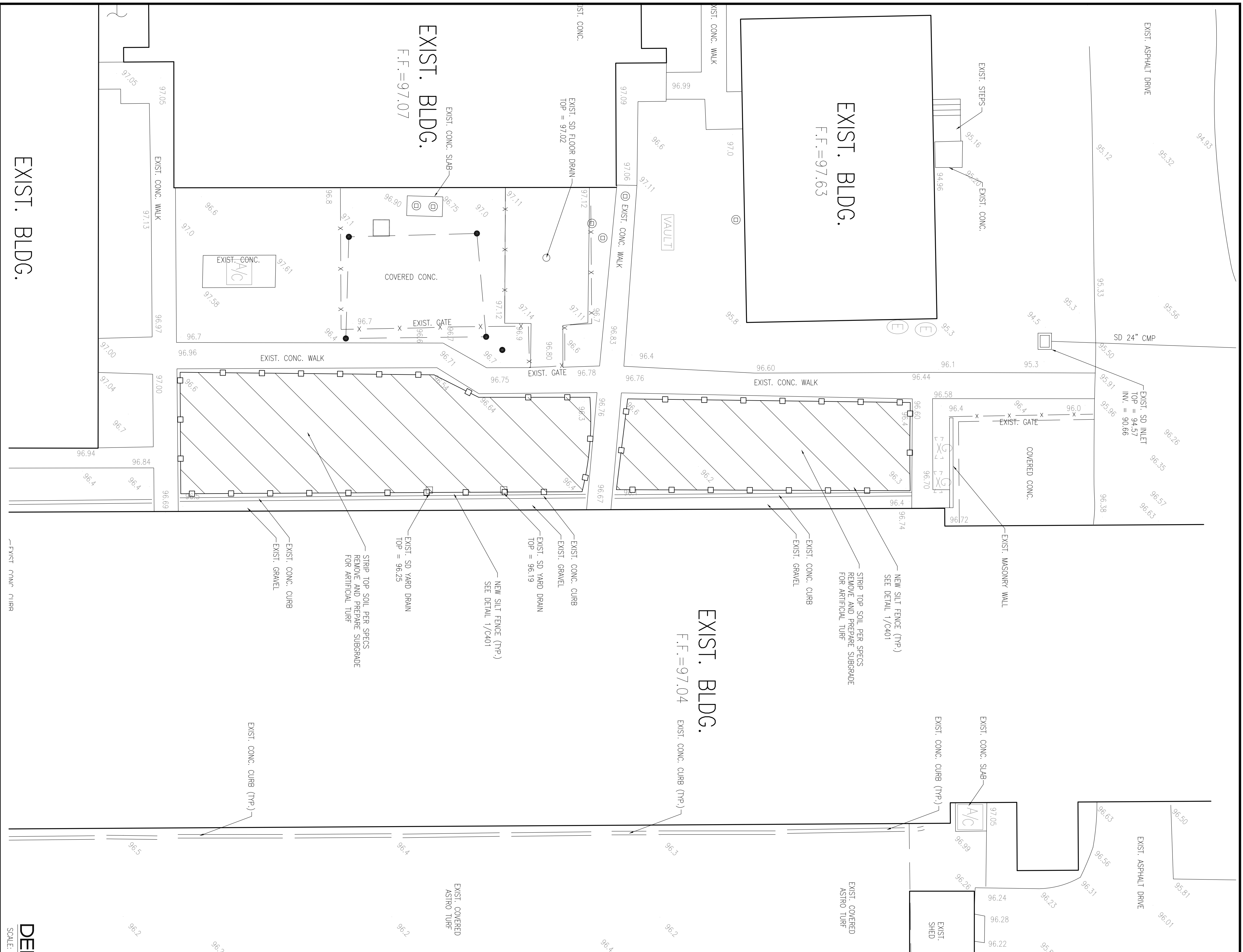
OWNER NAME AND ADDRESS
ORANGE COUNTY PARKS
400 E. SOUTH ST.
ORLANDO, FL 32801

CONSULTANTS
SITE LAYOUT PLAN & SHADE STRUCTURE CHARTS

SIGNATURE AND DATED SEAL

PLA66712
CHRISTOPHER D. RICE

A-100



SOIL EROSION & SEDIMENTATION CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO ORANGE COUNTY.
2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN, CONSTRUCTION.
3. SOIL MATERIALS SHALL BE CONTAINED, AND NOT ALLOWED TO COLLECT ON ANY ON-PERMITTER AREAS OR IN WATERWAYS. THESE INCLUDE BOTH PERMANENT AND TEMPORARY EROSION CONTROL MEASURES.
4. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF THESE EFFORTS. ANY NECESSARY REVISIONS SHALL BE PERFORMED WITHOUT DELAY.
5. ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING STATE-COUNTY-CITY OR PRIVATE ROADS AND FACILITIES FROM THIS SITE, DUE TO CONSTRUCTION SHALL BE PROPERLY REMOVED BY THE CONTRACTOR/BUILDER.
6. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREAS SHALL BE COMPLETED WITHIN (15) FIFTEEN CALENDAR DAYS AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY PROTECTION SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED. A CERTIFICATE OF COMPLIANCE WILL NOT BE ISSUED UNTIL THE ABOVE REQUIREMENTS HAVE BEEN MET.
7. EXISTING DRAINAGE SYSTEM AND INLETS SHALL BE PROTECTED BY USING FILTER FABRIC PLACED AROUND INLETS AND BENEATH GRATES.

SITE DEMOLITION NOTES:

1. ALL DEMOLITION AND CONSTRUCTION ACTIVITY WILL BE ACCOMPLISHED IN APPROPRIATE PHASES IN ORDER TO KEEP EXISTING FACILITY OPERATIONAL.
2. DISPOSAL OF ALL MATERIAL LEAVING THE SITE WILL BE ON HAUL ROUTES, AND BY METHODS AS APPROVED BY OWNER.
3. COORDINATE LOCATION OF CONTRACTOR STAGING AREA WITH OWNER CONSTRUCTION REPRESENTATIVE.
4. ALL PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL SLOPES SHALL BE PROTECTED BY SOUTHEASTERN SLOPING AND MAPPING.
6. CONTRACTOR SHALL CLEAN THE CONSTRUCTION AREA OF ALL DEBRIS, AGGREGATES, ETC. ALL WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A LEGAL MANNER.
7. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING HARDSCAPE AND SITE FURNISHING ON SITE. DO NOT HAUL OVER UNPROTECTED PAVEMENT.
8. UTILITIES WHICH MUST BE LOCATED PRIOR TO CONSTRUCTION.
9. NOISE LEVELS AND HOURS OF DEMOLITION OPERATIONS SHALL BE AS DIRECTED BY OWNER.
10. EXISTING SITE MAY CONTAIN ABOVE AND BELOW GROUND IMPROVEMENTS NOT DEPICTED ON THIS PLAN. CONTRACTOR SHALL VERIFY SITE CONDITIONS WITH OWNER'S REPRESENTATIVE AND BE RESPONSIBLE FOR REMOVAL OR RELOCATION OF EXISTING IMPROVEMENTS INTERFERING WITH NEW DEVELOPMENT.

LEGEND

| LEGEND | EXIST. |
|------------------------|--------|
| ASPHALT PAVEMENT | |
| CONCRETE WALK | |
| CONCRETE CURB | |
| SIGN | |
| CHAIN LINK FENCE | |
| WATER LINE | |
| SAINTARY SEWER LINE | |
| STORM DRAIN LINE | |
| LIGHT POLE | |
| SAINTARY SEWER MANHOLE | |
| STORM DRAIN MANHOLE | |
| STORM DRAIN CURB INLET | |
| TREE | |
| SD INLET | |
| METERED END SECTION | |

ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD

| | | | | | | | |
|----------------------------------|------|-------------|------|--|---|-------------|--------------------------|
| PROJECT NO. 16-165 | REV. | DESCRIPTION | DATE | PROJECT ADDRESS ORANGE COUNTY ANIMAL SERVICES INTERACTIVE YARD 2769 CONROY RD ORLANDO, FL 32839 | DRAWING TITLE DEMOLITION + EROSION CONTROL PLAN | CONSULTANTS | SIGNATURE AND DATED SEAL |
| PHASE 90% CONSTRUCTION DOCUMENTS | | | | OWNER NAME AND ADDRESS ORANGE COUNTY PARKS 400 E. SOUTH ST. ORLANDO, FL 32801 | | | MAJID KALAGHCI 4/10/16 |
| SCALE | | | | | | | |
| FILE NAME | | | | | | | |
| DRAWN BY | | | | | | | |
| CHECKED BY | | | | | | | |
| DATE 05/26/17 | | | | | | | |

BORRELLI + PARTNERS
ARCHITECTURE PLANNING LANDSCAPE INTERIOR
720 VASSAR STREET
ORLANDO, FL. 32804 (407) 418-1338

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URBAN DESIGN PLANNING ENGINEERING

SKConsortium, Inc.

1053 N. ORLANDO AVE. SUITE 3 WATLAND FLORIDA 32751
TELEPHONE 407-629-4288 FACSIMILE 407-629-1656 EB# 7080

DEMOLITION + EROSION CONTROL PLAN

SCALE: 1" = 10'

