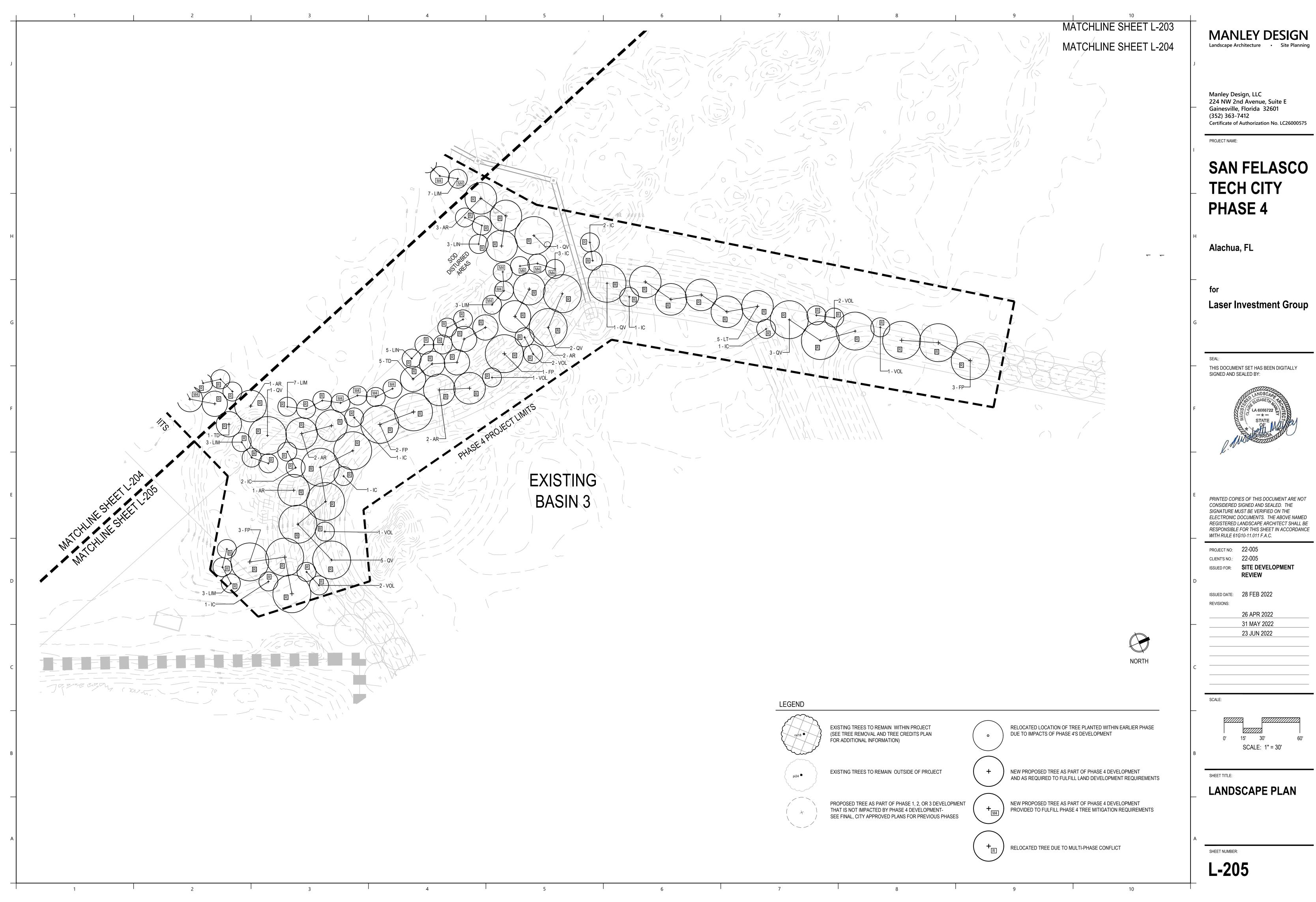


PM CC 06/ C:/

18 - ID 00000	9 9 1 - IC	≤ _ _ 	¹⁰ E SHEET L-203 E SHEET L-204		MANLEY DESIGN andscape Architecture • Site Planning
1-QV	1 - QV -2 - IC				Manley Design, LLC 224 NW 2nd Avenue, Suite E Gainesville, Florida 32601 352) 363-7412 Certificate of Authorization No. LC26000575
OJECT LIMITS				-	SAN FELASCO TECH CITY PHASE 4
	Jahr -		← ←	н	Alachua, FL
155					^{for} _aser Investment Group
				Г	SEAL: THIS DOCUMENT SET HAS BEEN DIGITALLY SIGNED AND SEALED BY:
				F	STATE STATE
				C S F F F	PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS. THE ABOVE NAMED REGISTERED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THIS SHEET IN ACCORDANCE WITH RULE 61G10-11.011 F.A.C.
				С	PROJECT NO: 22-005 CLIENT'S NO.: 22-005 SSUED FOR: SITE DEVELOPMENT REVIEW
					SSUED DATE: 28 FEB 2022 REVISIONS: 26 APR 2022 31 MAY 2022 31 MAY 2022
			NORTH		23 JUN 2022
PROJECT ITS PLAN		LOCATION OF TREE PLANTED WIT		S	SCALE:
OF PROJECT		SED TREE AS PART OF PHASE 4 D UIRED TO FULFILL LAND DEVELOF		B s	SCALE: 1" = 30'
1, 2, OR 3 DEVELOPMENT EVELOPMENT- R PREVIOUS PHASES		SED TREE AS PART OF PHASE 4 D O FULFILL PHASE 4 TREE MITIGAT		I	ANDSCAPE PLAN
	+ RELOCATED	TREE DUE TO MULTI-PHASE CONF	FLICT	A	HEET NUMBER:
					L-204



PLOTDATE: 06/23/2022 2:43 PM USER: SARAH MCCOWN FILENAME: C:\USERS\SARAH MCCOWN\BOX\PROJECT\2022\22-005 TECH CITY PH 4 - EDA\04_PRODUCTION\02_SPR & CDS\2022-06_SPR 4\01_SHEETS\22-005

XERISCAPE CRITERIA

•	chua ULDR, Article 6., Sec. 6.2.2.D.6.b. Xeriscape Standards. Iscape and future irrigation design meet Xeriscape requirements for this project.
Required: Provided:	(i.) Preserve and maintain native vegetation. Site plan preserves areas of existing trees and vegetation.
Required: Provided:	(ii.) Group plant material into water use zones based on water needs. Proposed plant material has low to moderate watering requirements and as such will be grouped together in irrigation zones.
Required: Provided:	(iii.) Ensure plant types are appropriate for soils. Selected plant material includes native tree species and Florida-friendly shrubs and groundcovers that are appropriate for anticipated site soils.
Required: Provided:	(iv.) Use of mulch. Mulch is proposed for all trees, shrubs, and groundcover areas.
Required: Provided:	(v.) Use of low water use plants. Native tree species and Florida-friendly, low or moderate water demanding shrub and groundcover species are proposed.
Required: Provided:	(vi.) Efficient irrigation. See Irrigation Plans. Turf does not require irrigation as it is a drought-tolerant species. Design also provides a rain sensor, minimizes overspray via use of drip and microsprays, and groups irrigation zones per plant type and similar watering demand
Required: Provided:	(vii.) Maintenance. Maintenance of landscape and irrigation is required per note 14 above, Landscape Notes.
Required:	(viii.) Drip irrigation or emitters.

Provided: See Irrigation Plans. Irrigation design includes drip irrigation.

FLORIDA FRIENDLY LANDSCAPING PRACTICES

Per City of Alachua ULDR, Article 6., Sec. 6.2.2.C.8. Proposed design adheres to the nine principles of Florida Friendly Landscaping as follows.

Per City of Alachua ULDR, Article 6., Sec. 6.2.2..d.7.b.ix. The amount of any required site or perimeter buffering landscaping may be reduced by 10% if the development area is completely (100%) landscaped using Florida Friendly practices and plant material as certified by a registered landscape architect. This project uses Florida Friendly plant material and qualifies for the 10% reduction - See calculation notes.

- Right Plant Right Place Proposed plant materials are Florida-friendly species that are well adapted to the project's location. Plants are located outside of traffic and security view zones. Plants are also located outside of the required offset distances from underground and overhead utilities as per GRU requirements.
- Water Efficiently The proposed irrigation system includes a weather-sensor that will shut the system off during rain events. Proposed irrigation components are modern, water-efficient products that utilize the industry's best practices regarding water efficiency.
- Fertilize Appropriately Reference 'maintenance recommendations' below.
- Mulch Mulching is proposed for all planting areas. Mulch to be of a type per City of Alachua requirements. Reference planting details, notes, and below recommendations.
- Attract Wildlife Proposed plants are either Florida native or Florida friendly species that offer habitat for wildlife cover and nesting. Some proposed species offer berries attractive to local bird species, and proposed Oaks and Elms attract birds, butterflies, and other species regarding blooms and seeds.
- Manage Yard Pests Responsibly- Proposed pest management will be per best management practices.
- Recycle Yard Waste Yard waste will be disposed of as required within Alachua County and the City of Alachua.
- Reduce Stormwater Runoff Stormwater management meets regulating agency requirements. See Civil plans. 9. Protect the Waterfront - Wetland areas are protected as per Water Management District and City of Alachua requirements. See Civil plans.

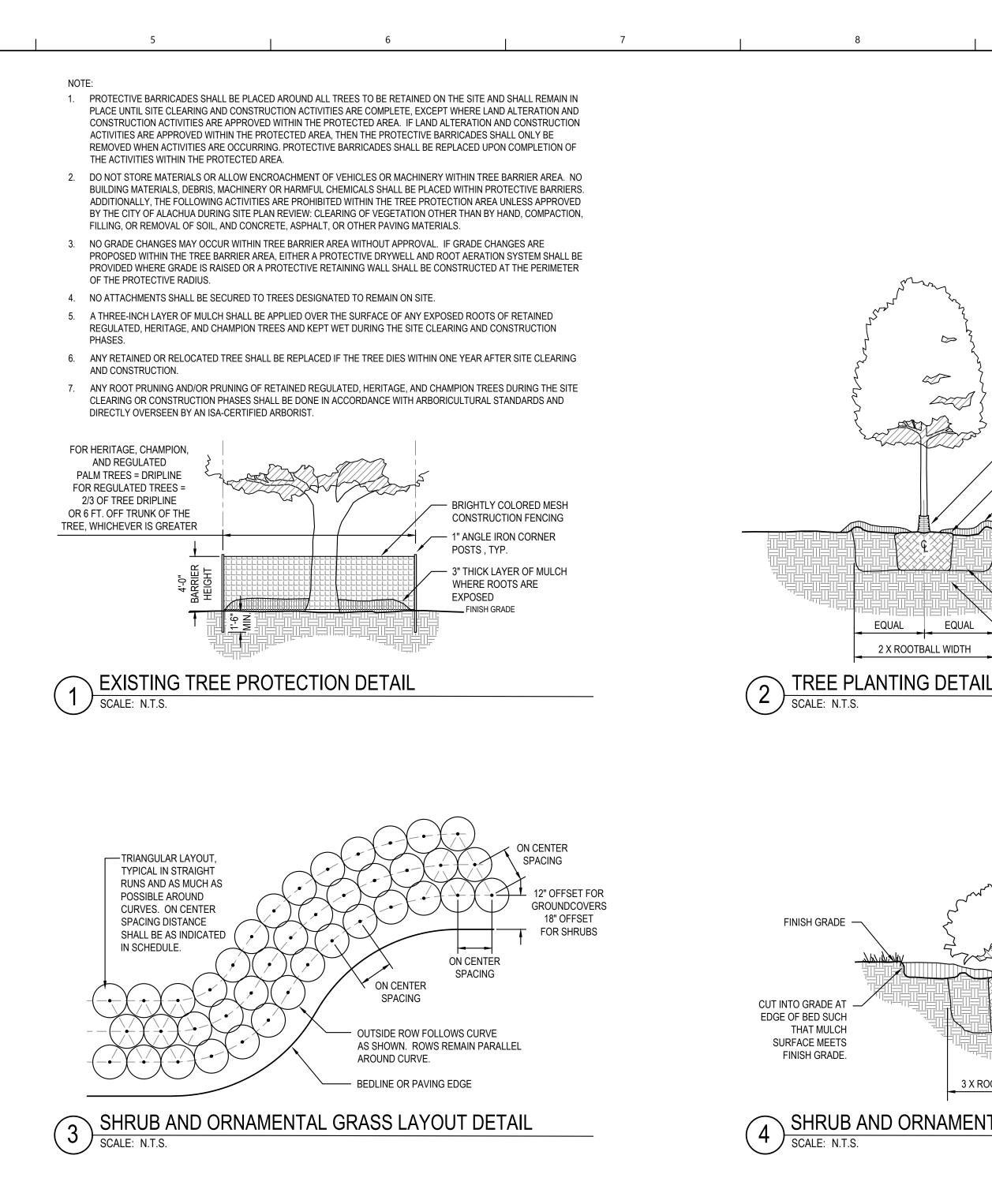
As a Registered Landscape Architect and as per the seal on this drawing sheet, I certify that the project meets the above Florida Friendly landscape best practices.

MAINTENANCE RECOMMEDATIONS

1

Per City of Alachua ULDR, Article 6., Sec. 6.2.2.D.7.B.vii. A maintenance schedule must be submitted addressing the following: Checking: Check distribution and sprinkler function of the irrigation system periodically and monthly at a minimum. Make repairs as needed. Adjust spray heads to minimize overthrow onto pavement.

- Resetting: Water at a frequency as allowed by the local jurisdictions including City of Alachua and Suwannee River Water Management District. Water at a duration as indicated in irrigation design indicated for each zone. Adjust frequency and duration as needed and as directed by regulating agencies.
- Remulching: Maintain the depth of mulch in all planting areas as specified in plans. Replenish a minimum of twice a year or as needed. Depth shall be measured when mulch is settled. Remove sticks, cones, and debris from mulch prior to placing. Utilize mulch type as specified in plans. Remove debris from mulch areas prior to remulching.
- 4. Fertilizing: Apply a slow-release, granular fertilizer within all planting areas. Apply in a manner and at a rate and frequency as recommended by the manufacturer and as per City of Alachua regulations, if applicable. Do not apply on leaves or branches. Do not allow fertilizer to fall on pavement or near drains. Fertlizer to meet specification for commercial applications.
- Weeding: Keep planting beds, tree rings, and mulch areas free of undesirable vegetation. Apply a pre-emergent herbicide as approved by the Owner to planting areas prior to the planting season in early Spring. Manually remove weeds and other undesirable species over 12" in height. Utilize a post-emergent herbicide as approved by the regulating agencies for weeds less than 12". Weed monthly, minimum.
- 6. Pruning: Maintain plantings to maintain the clear sight window as defined by the regulating agencies of the adjacent roadways. Pruning to be done in accordance with the most current version of the American National Standard "Tree, Shrub, and Other Woody Plant Maintenance" (ANSI A300). Prune flowering plants following their blooming period. Prune other plants in early spring prior to their first flush. Remove dead or injured branches. Head branches if needed to maintain height and trim at different lengths for a more natural form, where desired by the Owner. Do not prune shrubs into balls or other shapes and instead maintain in their natural form, as directed by the Owner.
- Mowing: Mow turf at a frequency to maintain turf in a vigorous and healthy state without appearing unkempt. Remove unwanted vegetation and debris from turf areas during mowing activities. Watering: Water all material thoroughly following planting and through establishment and/or final acceptance. Water trees per the 'Irrigation Schedule for
- Vitality' guidelines within the most current edition of 'Florida Grades and Standards for Nursery Plants' or as otherwise approved.



LANDSCAPE NOTES

5

- 1. PRE-DESIGN MEETING: IF REQUESTED BY THE CITY OF ALACHUA, CONDUCT A PRE-DESIGN, ON-SITE MEETING WITH THE LDR ADMINISTRATOR TO LOCATE ANY CHAMPION OR HERITAGE TREES AND OTHER REGULATED TREES AND TO DISCUSS PROTECTION METHODS FOR TREES TO BE RETAINED OR RELOCATED.
- 2. EXISTING UTILITIES: LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL SEE LOGO BELOW. A MINIMUM DISTANCE OF TEN FEET SHALL BE MAINTAINED FROM ALL RETAINED REGULATED, HERITAGE, AND CHAMPION TREES WHEN INSTALLING UNDERGROUND UTILITIES. IF THIS RESULTS IN UNREASONABLE HARDSHIP, A SOIL AUGER SHALL BE USED TO TUNNEL UNDER THE ROOT SYSTEMS. TREES WHOSE ROOTS ARE KNOWN TO CAUSE ROOT DAMAGE TO PUBLIC ROADWAYS OR OTHER PUBLIC WORKS SHALL NOT BE PLANTED WITHIN 15 FEET OF A PUBLIC UTILITY.
- 3. INVASIVE NON-NATIVE TREE AND VEGETATION REMOVAL: VEGETATIVE MATERIALS IDENTIFIED IN THE FLORIDA EXOTIC PEST PLANT COUNCIL'S LIST OF INVASIVE PLANT SPECIES, AS AMENDED, SHALL BE REMOVED AT TIME OF DEVELOPMENT.
- VISIBILITY: NO TREE SHALL BE PLANTED WITHIN TEN FEET OF A FIRE HYDRANT OR UTILITY POLE, WITHIN 15 FEET OF A DRIVEWAY APRON, WITHIN 20 EET OF A TRAFFIC SIGN, OR WITHIN 25 FEET OF AN INTERSECTION IN ORDER TO ENSURE ADEQUATE VISIBILITY.
- 5. PLANTING PREPARATION: REMOVE ALL CONSTRUCTION DEBRIS, LIMEROCK, GRAVEL, ROAD BEDDING, LITTER, AND OTHER ITEMS POTENTIALLY DAMAGING TO PLANT GROWTH WITHIN PROPOSED LANDSCAPE AND TURF AREAS PRIOR TO PLANTING. MAINTAIN EXISTING GRADES UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE. IF FILL IS REQUIRED, USE A CLEAN, SANDY LOAM WITH pH 5.5-6.5 AND EXCAVATED FROM LOCAL SOURCES AND DEEP PITS SUCH THAT IT IS FREE OF WEEDS, SEEDS, LITTER, TOXINS, AND OTHER ITEMS HARMFUL TO PLANTINGS.
- PRUNING: IF TREE OR ROOT PRUNING IS REQUIRED, THESE ACTIVITIES SHALL BE PERFORMED BY AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA). TREE PRUNING SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS "TREE. SHRUB AND OTHER WOODY PLANT MAINTENANCE" (ANSI 300) AND "PRUNING. TRIMMING. REPAIRING. MAINTAINING, AND REMOVING TREES. AND CUTTING BRUSH—SAFETY REQUIREMENTS" (ANSI Z133). NO MORE THAN 25 PERCENT OF THE CROWN SHOULD BE REMOVED AT ONE TIME. ON YOUNG TREES, LIMB REMOVAL SHALL LEAVE NO MORE THAN 33 PERCENT OF THE TRUNK BARE OF BRANCHES.

- 7. PLANT MATERIAL, GENERAL: ALL PLANT MATERIALS SHALL FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS
- 8. <u>PROPOSED TREES</u>: PROPOSED CANOPY TREES SHALL BE A PROPOSED UNDERSTORY TREES SHALL HAVE A CALIPER OF
- 9. PROPOSED SHRUBS: PROPOSED SHRUBS SHALL BE A MINI
- 10. NEW TREE STAKING: IF NECESSARY TO MAINTAIN TREES PL 11. SOD: ALL UNPAVED AND DISTURBED AREAS OUTSIDE OF PF
- PLANS FOR SODDING INFORMATION FOR STORMWATER FAC STABILIZING MATERIALS, FREE OF PESTS, AND CERTIFIED FF SERVICES, DIVISION OF PLANT INDUSTRY.
- 12. MULCH: THREE INCHES OF MULCH SHOULD COVER TREE RI SHOULD BE NO DEEPER THAN ONE INCH OVER THE TOP OF FREE OF DEBRIS, STICKS, AND CONES. NO PLASTIC OR NON 13. IRRIGATION: IRRIGATION WILL BE PROVIDED BY AN AUTOMA
- 14. RESPONSIBILITY: THE OWNER OF THE PARCEL SHALL BE RE TREES. ALL TREES WILL BE INSPECTED BY AN ARBORIST, F MONTHS AFTER PLANTING TO ENSURE THE TREES ARE SUR DEVELOPMENT REGULATIONS ADMINISTRATOR DESCRIBING REPLACED BY THE OWNER OF THE PARCEL WITHIN 30 DAYS REINSPECTION REPORT SUBMITTED WITHIN SIX MONTHS AF MAINTENANCE OF ALL LANDSCAPING INSTALLED IN ACCORE PLAN SHALL BE REPLACED IF IT DIES, IS SERIOUSLY DAMAG

7

DTH	G	
ETAIL		
		SEAL: THIS DOCUMENT SET HAS BEEN DIGITALLY SIGNED AND SEALED BY:
		AND SCALE DI
	F	LA 6666722
		STATE STATE
MULCH, 3" THICKNESS		AMORALISA
SOIL BERM TO OUTSIDE OF ROOTBALL.	-	k."
	E	
SCARIFY SIDE SLOPES		PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE
TAMP BACKFILL IN 6" LIFTS. MIX IMPORTED FILL, IF NEEDED, WITH		ELECTRONIC DOCUMENTS. THE ABOVE NAMED REGISTERED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THIS SHEET IN ACCORDANCE
3 X ROOTBALL DIMENSION ROOTBALL ON EXISTING SOIL	-	WITH RULE 61G10-11.011 F.A.C.
MENTAL GRASS PLANTING DETAIL		PROJECT NO: 22-005 CLIENT'S NO.: 22-005
		ISSUED FOR: SITE DEVELOPMENT REVIEW
	D	ISSUED DATE: 28 FEB 2022
		REVISIONS:
S SHALL MEET 'FLORIDA NUMBER 1' REQUIREMENTS AS PER THE MOST CURRENT EDITION OF Y PLANTS', FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.		26 APR 2022 31 MAY 2022
HALL BE A MINIMUM OF EIGHT FEET TALL WITH 1 $\frac{1}{2}$ " CALIPER PER FLORIDA GRADES AND STANDARDS.		23 JUN 2022
ALIPER OF 1 $\frac{1}{2}$ " INCHES. BE A MINIMUM OF 24" HEIGHT IF UPRIGHT SPECIES AND 18" SPREAD IF SPREADING SPECIES.		
TREES PLUMB, TREES SHALL BE STAKED WITH BIODEGRADABLE STAKING MATERIALS.	с	
IDE OF PROPOSED TREE, SHRUB, AND GROUNDCOVER PLANTINGS SHALL BE SODDED. SEE CIVIL ATER FACILITIES. SOD SHALL BE SAND-GROWN, STRONGLY ROOTED, WITHOUT SYNTHETIC RTIFIED FREE OF NOXIOUS WEEDS BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER		
R TREE RING PLANTING AREAS AND ALL SHRUB AND GROUNDCOVER PLANTING AREAS. MULCH		SCALE:
E TOP OF TREE ROOTBALLS. USE PINE STRAW MULCH FOR ALL PLANTING AREAS. MULCH TO BE C OR NON-BIODEGRADABLE WEED CLOTH OR SURFACE COVERS TO BE USED.	-	
N AUTOMATIC IRRIGATION SYSTEM. ALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL PRESERVED, RELOCATED, OR REPLACEMENT		N / A
IORIST, FORESTER, OR REGISTERED LANDSCAPE ARCHITECT, HIRED BY THE OWNER, WITHIN SIX S ARE SURVIVING IN A HEALTHY CONDITION. A CERTIFIED REPORT SHALL BE PROVIDED TO THE LAND SCRIBING THE CONDITION OF TREES. TREES FOUND TO BE IN DECLINING CONDITION SHALL BE	В	
N 30 DAYS OF SUBMITTAL OF THE REPORT. IF REPLACEMENT IS NECESSARY, THERE SHALL BE A ONTHS AFTER THE REPLACEMENT REPLANTING. THE OWNER SHALL BE RESPONSIBLE FOR THE		
N ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. ALL PLANT LIFE SHOWN ON A LANDSCAPE Y DAMAGED, OR REMOVED.		
	-	LANDSCAPE DETAILS
KNOW WHAT'S BELOW		
ALWAYS CALL 811 BEFORE YOU DIG It's fast, it's free, it's the law.		
Call <u>811</u> two business days before digging	A	SHEET NUMBER:
		L-206
9 10	I	

SAN FELASCO **TECH CITY** PHASE 4

Laser Investment Group

Manley Design, LLC 224 NW 2nd Avenue, Suite E Gainesville, Florida 32601 (352) 363-7412 Certificate of Authorization No. LC26000575

PROJECT NAME:

Alachua, FL

for



NOTE:

4

FINISH GRADE

 \triangleright

EQUAL

INSTALLATION.

AND AROUND ROOTBALL.

1. ENSURE PLANTING PIT DRAINS WELL PRIOR TO

REMOVE TREE FROM CONTAINER OR REMOVE UPPER

TREE TO BE PLUMB. STAKE TREE IF NEEDED. SUBMIT

OUTSIDE OF LARGER PLANTING AREA ----- TOP OF ROOTBALL 1-2" ABOVE FINISH GRADE

— 3" - 6" SOIL BERM TO OUTSIDE OF ROOTBALL

LOOSEN SIDE SLOPES OF PLANTING PIT

FILL, IF NEEDED, WITH NATIVE SOIL.

TAMP BACKFILL IN 6" LIFTS. MIX IMPORTED

ROOTBALL SITS ON BOTTOM OF PLANTING PIT

MULCH, 4" THICKNESS TYPICAL

AND ONLY 1" OVER ROOTBALL

TREE STAKING DETAILS AND LAYOUT FOR APPROVAL.

- 10" PLASTIC DRAIN TUBING IF TREE LOCATED

1/3 OF BURLAP AND WIRE MESH FOR B&B TREES.

3. SLICE ROOTBALL VERTICALLY ON OUTSIDE EDGES OF

	1 2 3	4
J	TECHNICAL SPECIFICATIONS - PLANTING, SECTION 329000 PART 1 - GENERAL	
	 1.1 SUMMARY A. PROVIDE ALL LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO RENDER ALL SERVICES REQUIRED TO SUCCESSFULLY INSTALL ALL TURF AND LANDSCAPE PROPOSED WITHIN THE PROJECT AREA AS DEFINED ON PLANS. B. WORK WILL INCLUDE BUT IS NOT LIMITED TO PREPARATION, INSTALLATION, AND MAINTENANCE FOR PROPOSED TURF AND LANDSCAPE MATERIAL. 	
	1.2 SUBMITTALS A. PROVIDE TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY PLANTING ACTIVITIES. SUBMITTALS SHALL INCLUDE:	
I	 A COPY OF CURRENT CERTIFICATE AS A CERTIFIED LANDSCAPE CONTRACTOR BY THE FLORIDA NURSERY, GROWERS, AND LANDSCAPE ASSOCIATION (FNGLA). A COPY OF CURRENT REST CONTROL LICENSE (ROWLORMAMENTAL AND/OR AQUATIO LE ARREORPHATE). 	
	 A COPY OF CURRENT PEST CONTROL LICENSE (ROW, ORNAMENTAL AND/OR AQUATIC, IF APPROPRIATE) MANUFACTURER'S LABELS OR INFORMATION FOR ANY COMPONENTS INCORPORATED INTO THIS PROJECT, INCLUDING BUT NOT LIMITED TO FERTILIZERS, PESTICIDES, AND STAKING SYSTEMS. IF REGENERATED PALMS ARE PROPOSED WITHIN THE PROJECT, REPRESENTATIVE COLOR PHOTOGRAPHS OF "REGENERATED 	
	PALMS" SHALL BE PROVIDED BY THE CONTRACTOR AND SUBMITTED TO THE LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO DELIVERY. PHOTOS SHALL CLEARLY DEPICT THE FOLLOWING; CLEAR TRUNK HEIGHT; THE TRUNK DIAMETER MEASURED AT THE BASE; THE ROOT BALL MEASUREMENTS; REGENERATED ROOTS ON ALL SIDES OF THE ROOT BALL; AND THREE FULLY EXPANDED NEW FRONDS.	
Н	 IF IMPORTED FILL IS REQUIRED TO AUGMENT EXISTING CONDITIONS FOR PLANTING, PROVIDE IMPORTED FILL AS DESCRIBED WITHIN PRODUCTS SECTION. PROVIDE A SOIL ANALYSIS THROUGH THE UNIVERSITY OF FLORIDA EXTENSION SOIL TESTING LABORATORY FOR EACH FILL SOURCE AND INCLUDING INCLUDE A WRITTEN REPORT CONTAINING SOIL-AMENDMENT AND FERTILIZER RECOMMENDATIONS FOR EACH SOURCE. 	
	 SCHEDULE OF VALUES: PRIOR TO THE COMMENCEMENT OF THE WORK, SUBMIT INSTALLED UNIT PRICES FOR ALL PLANT MATERIALS (MULCH SHALL BE INCLUDED IN THE INSTALLED UNIT PRICING) AND SODDING. THE SCHEDULE OF VALUES SHOULD EQUAL THE TOTAL CONTRACT PRICE FOR LANDSCAPE INSTALLATION. 	
	 TYPEWRITTEN INSTRUCTIONS PROVIDING A MAINTENANCE SCHEDULE AND ALL MAINTENANCE OPERATIONS NECESSARY TO MAINTAIN THE PLANTINGS DURING AND FOLLOWING INSTALLATION, AS SPECIFIED BELOW. WRITTEN WARRANTIES AS SPECIFIED BELOW. 	
	 RECORD DRAWINGS: FURNISH ONE SET OF RECORD DRAWINGS THAT CLEARLY SHOW ALL CHANGES MADE TO THE ORIGINAL CONTRACT DRAWINGS DURING THE COURSE OF THE WORK. DRAWINGS SHALL BE PROVIDED IN PDF FILE FORMAT AND TO BE FULLY LEGIBLE AND TO SCALE. 	
G	 1.3 QUALITY CONTROL B. ALL WORK SHALL BE PERFORMED BY A FNGLA CERTIFIED LANDSCAPE CONTRACTOR (FCLC) WHO HAS COMPLETED LANDSCAPE WORK SIMULAD IN SCORE MATERIAL DESIGN AND EXTENT TO THAT AS INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSED. 	
	SIMILAR IN SCOPE, MATERIAL, DESIGN, AND EXTENT TO THAT AS INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL TREE AND SHRUB ESTABLISHMENT. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN FCLC CERTIFICATION UNDER FNGLA. C. PRUNING, IF REQUIRED, SHALL BE PERFORMED BY A CERTIFIED ARBORIST, AS CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA).	
	ALL PLANT MATERIAL TO COMPLY WITH 'FLORIDA #1' GRADE QUALITY STANDARD AS DEFINED AND SPECIFIED WITHIN THE LATEST EDITION OF THE 'FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS' PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRIES. PROVIDE HEALTHY, VIGOROUS STOCK GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.	
F	D. UNSATISFACTORY OR DEFECTIVE MATERIAL MAY BE REJECTED AT ANY TIME, AND REJECTED MATERIAL SHALL BE REMOVED IMMEDIATELY FROM THE PROJECT SITE. E. CONTRACTOR SHALL MAINTAIN AND EXPERIENCED, FULL-TIME SUPERVISOR ON THE PROJECT SITE DURING ALL PLANTING ACTIVITIES.	
	 F. SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS PROOF OF NON-AVAILABILITY OR EVIDENCE OF 'EQUAL' STATUS IS DEMONSTRATED PRIOR TO ORDERING AND/OR INSTALLATION. CONTRACTOR TO SUBMIT A SUBSTITUTION REQUEST TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ORDERING, DELIVERY, OR INSTALLATION OF MATERIAL. THE SUBSTITUTION REQUEST SHALL IDENTIFY THE ISSUE WITH THE SPECIFIED MATERIAL AND PROPOSE ALTERNATIVE, EQUAL MATERIAL(S). INFORMATION TO BE PROVIDED REGARDING ALTERNATIVE MATERIALS SHALL INCLUDE SCIENTIFIC NAME, COMMON NAME, SIZE, AND SOURCE. G. PACKAGE STANDARD PRODUCTS WITH MANUFACTURER'S CERTIFIED ANALYSIS OR ANALYSIS BY RECOGNIZED LABORATORY. 	
	1.4 CONTRACTOR REQUIREMENTS A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY FOR COMPLETION OF WORK AND MAINTENANCE.	
E	 B. OBTAIN ALL NECESSARY PERMITS, LICENSES, AND NOTIFICATIONS AND PAY FEES NECESSARY FOR COMPLETION OF THE WORK. C. COMPLY WITH ALL APPLICABLE CODES. D. COORDINATE WITH OTHER TRADES WORKING ON THE PROJECT DURING PLANTING ACTIVITIES. 	
	E. COORDINATION SHALL OCCUR WITH OTHER CONTRACTORS OR PROJECTS OCCURRING OFF SITE IF NECESSARY. F. IDENTIFY AND VERIFY THE LOCATION OF ALL UTILITIES WITHIN PROPOSED PLANTING AREAS. CONTRACTOR TO CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF FLORIDA STATUTES PRIOR TO ANY EXCAVATION OR PLANTING ACTIVITIES.	
	 G. PROVIDE SAFE STORAGE FOR ALL EQUIPMENT AND MATERIALS. STORAGE OF SUCH ITEMS IS AT THE CONTRACTOR'S RISK. H. REPAIR, AT NO COST TO THE OWNER, ANY DAMAGE OCCURRING DUE TO CONTRACTOR NEGLIGENCE TO EXISTING UTILITIES, STRUCTURES, FURNISHINGS, HARDSCAPE, LANDSCAPE, OR OTHER ELEMENTS TO REMAIN. ANY DAMAGED WORK SHALL BE REPAIRED AS PER PLANS, OTHER SPECIFICATIONS SECTIONS, OR AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE. I. MAINTENANCE DURING INSTALLATION AND UNTIL FINAL ACCEPTANCE. 	
D	1.5 WARRANTY A. EXISTING LANDSCAPE AND VEGETATION	
	 ALL EXISTING LANDSCAPE AND TURF TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES. B. NEW PLANTS A. MARDANITY OUR UPD AND ODDUVIDE FOR A DEDUCT OF TWENTE (40) MONTH O AFTER DATE OF OUR TANITAL COMPLETION. 	
	 WARRANTY SHRUBS AND GROUNDCOVER FOR A PERIOD OF TWELVE (12) MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR THAT WHICH IS A RESULT OF NEGLECT BY OWNER, ABUSE, DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTOR'S CONTROL. REMOVE AND REPLACE ANY LANDSCAPE MATERIAL FOUND TO BE DEAD OR IN UNHEALTHY CONDITION DURING WARRANTY PERIOD. B. NEW SOD: 	
с	 WARRANTY ALL GRASS FOR A PERIOD OF SIX (6) MONTHS AFTER SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, AS DETERMINED BY THE LANDSCAPE ARCHITECT, EXCEPT FOR DEFECTS RESULTING FROM NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR THE UNUSUAL PHENOMENA OR INCIDENTS, WHICH ARE BEYOND THE CONTRACTOR'S CONTROL. REMOVE AND REPLACE ALL TURF FOUND TO BE DEAD OR IN AN UNHEALTHY CONDITION DURING WARRANTY PERIOD AS DETERMINED 	
	BY THE LANDSCAPE ARCHITECT. C. REPAIR GRADES, LAWN AREAS, PAVING, AND ANY OTHER DAMAGE RESULTING FROM REPLACEMENT PLANTING OPERATIONS, AT NO ADDITIONAL COST TO OWNER.	
	D. IF ANY PLANTS ARE REPLACED DURING THE WARRANTY PERIOD, THEN THE REPLACEMENT MATERIAL SHALL ALSO BE WARRANTED FOR THE SAME PERIOD AS LISTED FOR NEW MATERIAL, ABOVE, FROM THE DATE OF REPLACEMENT. ONLY ONE REPLACEMENT WILL BE REQUIRED EXCEPT FOR LOSSES OR REPLACEMENTS DUE TO FAILURE TO COMPLY WITH SPECIFIED REQUIREMENTS.	
В	E. A FINAL INSPECTION WILL BE MADE AT THE END OF THE WARRANTY PERIOD TO DETERMINE ACCEPTANCE OR REJECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER, IN WRITING, THIRTY (30) DAYS PRIOR TO THE END OF THE WARRANTY PERIOD, AT WHICH TIME THE OWNER HAS THE OPTION TO PERFORM AN END OF WARRANTY INSPECTION. FAILURE TO NOTIFY THE OWNER OF THE END DATE OF THE WARRANTY PERIOD SHALL CAUSE THE WARRANTY PERIOD TO EXTEND UNTIL SUCH TIME AS THE CONTRACTOR GIVES THE OWNER THE REQUIRED 30 DAYS' NOTICE.	
	1.6 DELIVERY, STORAGE, AND HANDLING A. PACKAGED MATERIALS: DELIVER PACKAGED MATERIALS IN CONTAINERS SHOWING WEIGHT, CERTIFIED ANALYSIS, AND NAME OF	
_	MANUFACTURER. PROTECT MATERIALS FROM DETERIORATION DURING DELIVERY AND WHILE STORED AT SITE. B. SOD: TIME DELIVERY SO THAT SOD WILL BE PLACED WITHIN 24 HOURS AFTER STRIPPING. PROTECT SOD AGAINST DRYING AND BREAKING OF ROLLED STRIPS.	
А	C. PLANTS: DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT. DO NOT BEND OR BIND-TIE SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OF DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING DELIVERY. DELIVER PLANTS AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN SIX (6) HOURS AFTER DELIVERY, SET PLANTS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE. DO NOT REMOVE CONTAINER-GROWN STOCK FROM CONTAINERS UNTIL PLANTING TIME. HANDLE PLANT MATERIALS BY ROOTBALL.	
-	1 2 3	4

PART 1 - GENERAL, CON'T

1.7 PROJECT CONDITIONS

- A. COORDINATE AND COOPERATE WITH OTHER TRADES TO ENABLE WORK TO PROCEED AS RAPIDLY AND EFFICIENTLY AS POSSIBLE.
- B. IF WEATHER CONDITIONS DETRIMENTAL TO PLANTING ARE ENCOUNTERED OR ANTICIPATED, NOTIFY THE OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT PRIOR TO PLANTING. PLANTING SHALL NOT OCCUR DURING PERIODS OF OR WITHIN 48 HOURS OF PREDICTED TEMPERATURES LESS THAN 32 F.
- C. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED OR ANTICIPATED. INCLUDING BUT NOT LIMITED TO LIMESTONE. ROAD BASE, RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OBSTRUCTIONS, OR TOXIC MATERIALS, NOTIFY THE OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- D. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY PARTIES CONCERNED.
- E. DETERMINE LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL, 811. PERFORM WORK IN A MANNER THAT AVOIDS POSSIBLE DAMAGE. HAND EXCAVATE AS REQUIRED.

PART 2 - PRODUCTS

2.1 FILL

- A. IF REQUIRED TO AUGMENT EXISTING SOILS FOR LANDSCAPE AND TURF INSTALLATION, PROVIDE NEW, DEEP FILL MATERIAL AS PER USDA STANDARD TEXTURES AND THAT IS TAKEN FROM WELL-DRAINING LOCAL SOURCES WITH SIMILAR SOIL TYPES AS FOUND AT THE PROJECT SITE.
- B. FILL TO BE SUITABLE FOR PLANT GROWTH, FRIABLE, AND FREE OF CLAY LUMPS, BRUSH, WEEDS, SEEDS, ROOTS, STUMPS, STONES, ORGANIC MUCK, HARD PAN CLAY, LITTER AND CONSTRUCTION DEBRIS INCLUDING LIMEROCK OR PAVING BASE MATERIAL, ASPHALT, AND CONCRETE, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH

C. FILL TO BE OF PH 5-6.5.

2.2 MULCH

A. MULCH SHALL BE PINE STRAW, FREE OF BRANCHES, CONES, AND DEBRIS.

2.3 COMMERCIAL FERTILIZER

- A. FERTILIZER TYPE AND APPLICATION TIMING AND METHODS SHALL MEET ALACHUA COUNTY 'FERTILIZER STANDARDS AND MANAGEMENT PRACTICES', LDR ARTICLE IV., REQUIREMENTS. DO NOT APPLY FERTILIZER FROM JULY - FEBRUARY. APPLY FERTILIZER EITHER DURING THE PROJECT'S INSTALLATION OR DURING THE ESTABLISHMENT PERIOD, DEPENDING ON WHICH IS POSSIBLE RELATIVE TO THIS TIME PERIOD. IF IT IS ANTICIPATED THAT THE PROJECT WILL BE COMPLETED OUTSIDE OF THE SPECIFIED FERTILIZING WINDOW AND THAT FERTILIZING WON'T BE POSSIBLE, DISCUSS WITH THE OWNNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- B. FERTILIZER MAY ONLY BE APPLIED WITHIN 10 FT. FROM ANY WETLAND OR BODY OF WATER FOR A PERIOD OF 90 DAYS FOLLOWING PLANTING. FOLLOWING THAT TIME PERIOD, FERTILIZING IN THIS AREA IS NOT ALLOWED.
- C. FERTILIZERS APPLIED TO TURF AND/OR LANDSCAPE PLANTS SHALL BE FORMULATED AND APPLIED IN ACCORDANCE WITH DIRECTIONS PROVIDED BY RULE 5E-1.003, FLORIDA ADMINISTRATIVE CODE, LABELING REQUIREMENTS FOR URBAN TURF FERTILIZERS.
- C.1. NITROGEN OR PHOSPHORUS FERTILIZER SHALL NOT BE APPLIED TO TURF OR LANDSCAPE PLANTS EXCEPT AS ALLOWED BY THIS RULE OR IF WITHIN UF/IFAS RECOMMENDATIONS FOR LANDSCAPE PLANTS, VEGETABLE GARDENS, AND FRUIT TREES AND SHRUBS, UNLESS A SOIL OR TISSUE DEFICIENCY HAS BEEN VERIFIED BY AN APPROVED TEST.
- C.2. NO FERTILIZER CONTAINING PHOSPHORUS SHALL BE APPLIED TO TURF, SOD, LAWNS, OR LANDSCAPE PLANTS UNLESS A SOIL OR PLANT TISSUE DEFICIENCY IS VERIFIED BY A TESTING METHODOLOGY APPROVED BY THE UNIVERSITY OF FLORIDA, INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES. IF A DEFICIENCY IS VERIFIED. THE APPLICATION OF FERTILIZER CONTAINING PHOSPHOROUS MUST ADHERE TO THE RATES AND DIRECTION FOR THE APPROPRIATE REGION OF FLORIDA, AS ADOPTED BY THE FLORIDA ADMINISTRATIVE CODE RULF
- D. C.3. FERTILIZERS CONTAINING NITROGEN APPLIED TO TURF OR LANDSCAPING PLANTS MUST CONTAIN NO LESS THAN 50 PERCENT SLOW RELEASE NITROGEN PER GUARANTEED ANALYSIS LABEL.

2.4 PLANT MATERIALS

- A. PROVIDE SHRUBS AND GROUNDCOVERS OF SIZE, GENUS, SPECIES, AND VARIETY AS SHOWN IN THE PLANT SCHEDULE FOR LANDSCAPE WORK THAT CONFORM TO FLORIDA NO. 1 QUALITY STANDARDS.
- B. PROVIDE HEALTHY, VIGOROUS STOCK GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.
- C. LANDSCAPE MATERIAL SHALL BE CONTAINER GROWN MATERIAL UNLESS OTHERWISE SPECIFIED OR UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.

2.5 SOD

- A, PROVIDE SAND-GROWN ONLY, STRONGLY ROOTED SOD, NOT LESS THAN TWO YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES, AND MACHINE CUT TO PAD THICKNESS OF 3/4 INCH (PLUS OR MINUS 1/4 INCH), EXCLUDING TOP GROWTH AND THATCH. PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED. SOD SHALL BE VIABLE AND NOT DORMANT.
- B. PROVIDE SOD OF UNIFORM PAD SIZES WITH A MAXIMUM 5% DEVIATION IN EITHER LENGTH OR WIDTH. BROKEN PADS OR PADS WITH UNEVEN ENDS WILL NOT BE ACCEPTABLE. SOD PADS INCAPABLE OF SUPPORTING THEIR OWN WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON UPPER 10 PERCENT OF PAD WILL BE REJECTED.
- C. STABILIZING NETTING OR OTHER SYNTHETIC MATERIALS WITHIN SOD SHALL BE PROHIBITED.
- D. SOD TO BE AS LISTED WITHIN THE PLANT SCHEDULE.
- E. REFER TO CIVIL PLANS FOR SOD TYPE AND INSTALLATION METHODS WITHIN STORMWATER FACILITIES.

2.6 WEED PRE-EMERGENT HERBICIDE

A. APPLY 'RON STAR G' PRE-EMERGENT HERBICIDE, OR APPROVED EQUAL IN PLANTING AREAS. REVIEW AND GAIN APPROVAL FROM OWNER PRIOR TO APPLICATION.

PART 3 - EXECUTION

3.1 PREPARATION

- A. CONDUCT A PRE-CONSTRUCTION CONFERENCE ON SITE WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK. DISCUSS PROPOSED ACTIVITIES, REVIEW PROPOSED PLANTING AREAS, AND CONFIRM PROPOSED SCHEDULE OF WORK. PROVIDE ONE WEEK'S NOTICE OF PROPOSED CONFERENCE.
- B. ENSURE ALL ASPHALT, LIMEROCK, AND OTHER CONSTRUCTION DEBRIS ARE REMOVED FROM AREAS OF PROPOSED PLANTING OR SODDING TO A MINIMUM DEPTH OF THREE FEET PRIOR TO INSTALLATION.
- C. CLEAN EXISTING SOIL OF ROOTS, PLANTS, SODS, STONES, CLAY, LUMPS AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
- D. PLANTING DEPTH OF SOIL SHALL BE A MINIMUM OF THREE (3) FEET. IF FILL MUST BE ADDED, IT SHALL CONFORM TO THE REQUIREMENTS LISTED ABOVE.
- E. GAIN APPROVAL FROM OWNER FOR REMOVAL OF EXISTING GRASS, VEGETATION, AND TURF BY METHODS OTHER THAN HAND REMOVAL. IF APPROVED, ADHERE TO THE FOLLOWING REGARDING PREPARATION OF AREAS WITH UNCHANGED GRADE OR AREAS THAT HAVE NOT BEEN ALTERED BY CONSTRUCTION ACTIVITIES: REMOVE EXISTING GRASS, VEGETATION, AND TURF BY SPRAYING WITH "ROUND-UP" OR OTHER APPROPRIATE HERBICIDE AND PERFORM ADDITIONAL SPRAY TREATMENTS AS NEEDED TO ENSURE A COMPLETE KILL. REMOVE AND DISPOSE OF RESULTING DEAD VEGETATION AND TURF. DO NOT TURN RESULTING DEAD VEGETATION OR TURF OVER INTO SOIL. REPEAT IF NECESSARY TO REMOVE EXISTING VEGETATION.
- F. FOR TURF AREAS INDICATED FOR RENOVATION, MECHANICALLY CUT OUT AREAS OF FAILING TURF AND CREATE A CLEAN EDGE FOR NEW SOD INSTALLATION.
- G. FINE GRADE PROPOSED PLANTING AND SOD AREAS TO SMOOTH, EVEN SURFACES WITH LOOSE, UNIFORMLY FINE TEXTURE AND FREE OF LUMPS, CLODS, STONES, ROOTS, AND OTHER EXTRANEOUS MATTER. ROLL, RAKE, AND DRAG AREAS, REMOVE RIDGES, AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES.
- H. ALLOW FOR SOD THICKNESS IN AREAS TO BE SODDED SUCH THAT INSTALLED SOD MEETS FINISHED GRADES.

3.2 TREE BARRIERS AND EXISTING TREE PROTECTION

- A. REFER TO NOTES ON DEMOLITION PLANS OR LANDSCAPE PLANS REGARDING TREE PROTECTION AND TREE PROTECTION BARRIERS.
- B. MINIMIZE IMPACTS ON EXISTING TREE ROOTS AS MUCH AS POSSIBLE. AVOID TREE ROOT PLATE AREAS AS DEFINED BY PERMITTING AGENCIES.
- C. ALL ROOTS OF TREES TO REMAIN THAT ARE IMMEDIATELY ADJACENT TO EXTENSIVE EXCAVATION AND ARE 1" DIAMETER OR OVER SHALL BE HAND CUT. EXPOSE ROOTS BY HAND DIGGING, HAND CUT OR SAW CLEANLY, AND IMMEDIATELY COVER WITH SOIL. DO NOT ALLOW CUT ROOTS TO DRY OUT.
- D. SUPPLEMENTAL IRRIGATION IS REQUIRED FOR TREES THAT HAVE UNDERGONE ROOT PRUNING. PROVIDE SUPPLEMENTAL IRRIGATION IMMEDIATELY FOLLOWING PRUNING AND CONTINUE THROUGH CONSTRUCTION.

PART 3 - EXECUTION, CON'T

- 3.3 PLANTING TREES, SHRUBS, AND GROUNDCOVERS
- REQUIRED.

- E. REMOVE PLANT MATERIAL FROM CONTAINER. LIFT TREES BY THE ROOTBALL AND NOT BY THE TRUNK. SET PLA
- F. REMOVE ANY SYNTHETIC OR STRAPPING MATERIAL PRIOR TO SETTING PLANT MATERIAL INTO PLANTING PIT OF
- G. ENSURE PLANT MATERIAL IS PLUMB.
- PLACING FINAL LAYER OF BACKFILL. I. DISH TOP OF BACKFILL FOR TREES AND PALMS TO ALLOW FOR MULCHING.
- THREE (3) DAYS.
- M. WATER THOROUGHLY AFTER PLANTING, TAKING CARE NOT TO COVER CROWNS OF PLANTS WITH WET SOILS.

3.4 SODDING NEW LAWNS

- B. LAY SOD WITHIN 24 HOURS FROM TIME OF STRIPPING.
- PLANTING LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.

- F. ANCHOR SOD ON SLOPES GREATER THAN 3:1 WITH WOOD PEGS TO PREVENT SLIPPAGE, IF NEEDED.
- G. AVOID DAMAGE TO SUBGRADE OR SOD DUE TO INSTALLATION ACTIVITIES.
- H. WATER SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

3.5 CLEANUP

WHERE DIRECTED. DISPOSE OF MATERIALS AS DIRECTED.

3.6 NEW PLANT PROTECTION

- PROCESS BY THE CONTRACTOR.
- BRANCHES WITHOUT INJURY TO TRUNKS.

3.7 MAINTENANCE

- 1. WEEDING: MAINTAIN PLANTINGS AND TURF AS WEED FREE.

- 5. REPLACEMENT: REPLACE PLANTS OR SOD AREAS THAT ARE IN POOR CONDITION.
- 7. RESTORE PLANTING SAUCERS OF TREES AND SHRUBS.
- VERTICAL POSITION AS REQUIRED.
- 9. REMOVE ALL TREE STAKING, IF PRESENT, WITHIN ONE YEAR AFTER PLANTING.

3.8 REPLACEMENT OF EXISTING LANDSCAPE DAMAGED DURING PROJECT

- CONSTRUCTION WORK.

3.9 INSPECTION AND ACCEPTANCE

- ADDRESSED PRIOR TO FINAL ACCEPTANCE.
- IDENTIFY ITEMS TO BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
- SUBMITTALS HAVE BEEN MADE.

7

	Landscape Architecture • Site Planning
VNS UNLESS OTHERWISE	Manley Design, LLC
OF LAWNS, PROTECT LAWN USED FOR SHRUBS AND ND SECURE LANDSCAPE	224 NW 2nd Avenue, Suite E Gainesville, Florida 32601 (352) 363-7412 Certificate of Authorization No. LC26000575
ADJUSTMENTS AS MAY BE	
ES THE DIAMETER OF THE	PROJECT NAME:
OTIFY LANDSCAPE ARCHITECT	
ANT MATERIAL STOCK IN	SAN FELASCO
R TRENCH.	
INATE VOIDS AND AIR /ATELY 2/3 FULL, WATER ORBED. WATER AGAIN AFTER	PHASE 4
OF PLANT FOLIAGE/DRIPLINE. RS WITH EXISTING SOIL AT CING OF PLANTING SOIL WITHIN	н Alachua, FL
ONTO TOP OF BACKFILL. THE PLANTS.	
-LANTS.	for Laser Investment Group
LAWN AREAS, REMOVE RIDGES, STALLATION.	G
CE MOISTURE TO DRY BEFORE	
HES OF SOIL IN AREAS OF S.	SEAL:
OT OVERLAP. STAGGER STRIPS	THIS DOCUMENT SET HAS BEEN DIGITALLY SIGNED AND SEALED BY:
	F
MOVE ALL POTS, LITTER, ATERIALS AND EQUIPMENT	1 Million and a second
DURING INSTALLATION AND ECTED. DUT THE CONSTRUCTION	
REES. REMOVE INTERFERING	E PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS. THE ABOVE NAMED REGISTERED LANDSCAPE ARCHITECT SHALL BE
ALAUGEFTANGE.	RESPONSIBLE FOR THIS SHEET IN ACCORDANCE WITH RULE 61G10-11.011 F.A.C.
Ξ.	PROJECT NO: 22-005 CLIENT'S NO.: 22-005 ISSUED FOR: SITE DEVELOPMENT DEVIEW
	D REVIEW
TO PROPER GRADES OF	ISSUED DATE: 28 FEB 2022 REVISIONS:
	26 APR 2022
	— <u>31 MAY 2022</u> 23 IUN 2022
OR MITIGATED BY THE AREA OF VEGETATION THAT IS PLETION OF THE ASSOCIATED	23 JUN 2022
COMPLETE COST, INCLUDING	c
S REPRESENTATIVE AND	
	SCALE:
ST, MAKE A SUBSTANTIAL S. THE LANDSCAPE ARCHITECT TEMS THAT SHALL BE	
LETION INSPECTION. IF /NER'S REPRESENTATIVE TO	N / А в
D BY THE OWNER AND ALL	
D AS AGREEABLE TO THE OMPLETE.	SHEET TITLE: LANDSCAPE SPECIFICATIONS
	A
	SHEET NUMBER:

MANLEY DESIGN

A. PLANT SHRUBS AND GROUNDCOVER AFTER FINAL GRADES ARE ESTABLISHED AND PRIOR TO PLANTING OF LAV AUTHORIZED BY LANDSCAPE ARCHITECT. IF PLANTING OF TREES AND SHRUBS OCCURS AFTER INSTALLATION AREAS AND PROMPTLY REPAIR DAMAGE CAUSED BY LANDSCAPE INSTALLATION.

B. LAY OUT INDIVIDUAL SHRUB LOCATIONS AND AREAS FOR MULTIPLE PLANTINGS. TRIANGLE SPACING SHALL BE GROUNDCOVERS UNLESS OTHERWISE SPECIFIED IN PLANS OR BY LANDSCAPE ARCHITECT. OUTLINE AREAS A ARCHITECT'S OR OWNER REPRESENTATIVE'S ACCEPTANCE BEFORE START OF PLANTING WORK. MAKE MINOR

C. EXCAVATE PITS, BEDS, AND TRENCHES SUCH THAT PITS ARE AS DEEP AS THE PLANT'S ROOTBALL AND 1.5 TIME ROOTBALL. LOOSEN HARD SUBSOIL IN BOTTOM OF EXCAVATION. SCARIFY SIDES OF PIT. D. FILL EXCAVATIONS FOR SHRUBS WITH WATER AND ALLOW WATER TO PERCOLATE OUT PRIOR TO PLANTING. NO

OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING IF PITS DO NOT DRAIN PRIOR TO PLANTING.

CENTER OF PIT OR TRENCH WITH TOP OF BALL AT 1-2" ABOVE ADJACENT FINISH LANDSCAPE GRADES.

H. PLACE BACKFILL AROUND BASE AND SIDES OF BALL AND WORK IN EACH LAYER TO SETTLE BACKFILL AND ELIM POCKETS. ENSURE ROOTBALL REMAINS 1-2" ABOVE ADJACENT FINISH GRADE. WHEN EXCAVATION IS APPROXIM THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE WATER IS ABSO

J. ALL PLANT MATERIAL SHALL BE FERTILIZED AT THE TIME OF PLANTING. MIX OR APPLY FERTILIZER JUST INSIDE DO NOT APPLY FERTILIZER DIRECTLY ON STEMS OR EXPOSED ROOTS OF MATERIAL. MIX SPECIFIED FERTILIZEF RATES SPECIFIED BY THE MANUFACTURER. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLAY

K. APPLY PRE-EMERGENT HERBICIDE, IF APPROVED BY OWNER, AND AS PER MANUFACTURER'S SPECIFICATIONS.

L. MULCH PITS, TRENCHES, AND PLANTED AREAS. PROVIDE A THREE (3) INCH THICKNESS OF MULCH AND WORK FINISH LEVEL OF MULCH SHOULD MEET ADJACENT FINISH GRADES. MULCH AREAS BETWEEN GROUNDCOVER I

N. GUY AND STAKE TREES IMMEDIATELY AFTER PLANTING AS NEEDED.

A. ENSURE GRADE IS SMOOTH AND EVEN WITH A LOOSE, UNIFORM TEXTURE. ROLL, RAKE AND DRAG PROPOSED AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES AND PROVIDE AN EVEN SURFACE FOR SOD INS

C. MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFA

D. APPLY SPECIFIED COMMERCIAL FERTILIZER AT RATES SPECIFIED AND THOROUGHLY MIX INTO UPPER TWO INC PROPOSED SOD. DELAY APPLICATION OF FERTILIZER IF LAWN PLANTING WILL NOT FOLLOW WITHIN A FEW DAY.

E. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS. DO NO TO OFFSET JOINTS IN ADJACENT COURSES. TAP SOD FIRMLY IN PLACE ONCE LAID.

A. MAINTAIN WORK AREAS IN AN ORDERLY CONDITION. KEEP PAVEMENTS AND ADJACENT SITE AREAS CLEAN. RE TOOLS, EQUIPMENT, AND EXTRANEOUS SOIL, SOD, OR MATERIALS AT THE END OF EACH WORK DAY. STORE M/

A. PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DURING CONSTRUCTION. MAINTAIN PROTECTION THROUGHOUT THE MAINTENANCE PERIOD. TREAT, REPAIR, OR REPLACE DAMAGED LANDSCAPE WORK AS DIRE B. TREES WHICH ARE TO REMAIN IN THE CONSTRUCTION AREA SHALL BE PROTECTED FROM DAMAGE THROUGHC

C. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN THE DRIP LINE OF EXISTING OR NEWLY PLANTED

A. MAINTENANCE ACTIVITIES SHALL INCLUDE THE FOLLOWING ACTIVITIES DURING CONSTRUCTION AND UNTIL FIN

2. MULCHING: MAINTAIN MULCH AT TREES, PALMS, AND WITHIN PLANTING BEDS AT A 3" DEPTH.

3. PEST CONTROL: SPRAY AS REQUIRED TO KEEP PLANTINGS AND TURF FREE OF INSECTS AND DISEASE

4. MOWING: MOW TURF AREAS AS NEEDED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

6. LITTER REMOVAL: REMOVE LITTER AND DEBRIS FROM LANDSCAPE AND TURF AREAS.

TIGHTEN AND REPAIR STAKE AND GUY WIRE SUPPORTS, IF PRESENT, AND RESET TREES AND SHRUBS

A. ANY EXISTING VEGETATION, INCLUDING TREES AND SHRUBS, DAMAGED OR DESTROYED SHALL BE REPLACED CONTRACTOR WITH LIKE SPECIES OR ANOTHER SPECIES APPROVED BY THE OWNER'S REPRESENTATIVE. ANY DAMAGED DURING CONSTRUCTION WILL BE RESTORED TO ITS ORIGINAL STATE WITHIN 72 HOURS OF THE COM

B. IF REMOVAL OF AN EXISTING TREE REQUIRES MITIGATION, THE CONTRACTOR SHALL BE HELD LIABLE FOR THE BUT NOT LIMITED TO TREE REPLACEMENT COSTS AND PAYMENTS REQUIRED TO PERMITTING AGENCIES. C. TREE REPLACEMENT SPECIES AND PROCEDURES SHALL BE DISCUSSED WITH AND APPROVED BY THE OWNER' LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF ACTIVITIES.

A. WHEN ALL LANDSCAPE WORK IS SUBSTANTIALLY COMPLETE, THE LANDSCAPE ARCHITECT WILL, UPON REQUES COMPLETION INSPECTION TO DETERMINE ACCEPTABILITY AND COMPLIANCE WITH THE CONTRACT DOCUMENTS WILL PRODUCE A WRITTEN PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY I

B. ONCE ITEMS OF THE PUNCH LIST ARE ADDRESSED, THE LANDSCAPE ARCHITECT WILL CONDUCT A FINAL COMP NECESSARY, THE LANDSCAPE ARCHITECT WILL PRODUCE A FINAL PUNCH LIST FOR THE CONTRACTOR AND OW

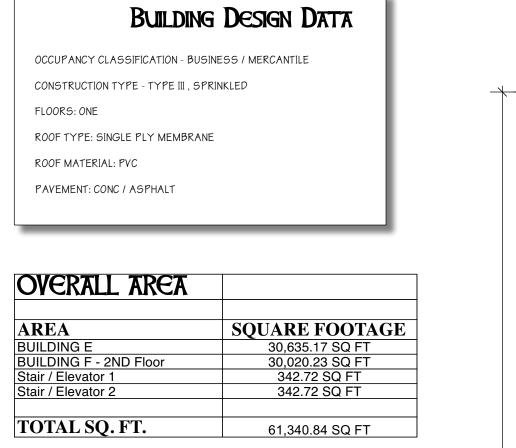
C. FINAL ACCEPTANCE WILL NOT BE ISSUED UNTIL ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ACCEPTE

D. WORK MAY BE INSPECTED FOR ACCEPTANCE IN PORTIONS AS PHASES OF INSTALLATION ARE COMPLETED AND LANDSCAPE ARCHITECT, PROVIDED EACH PORTION OF WORK OFFERED FOR INSPECTION IS SUBSTANTIALLY C

END OF SECTION

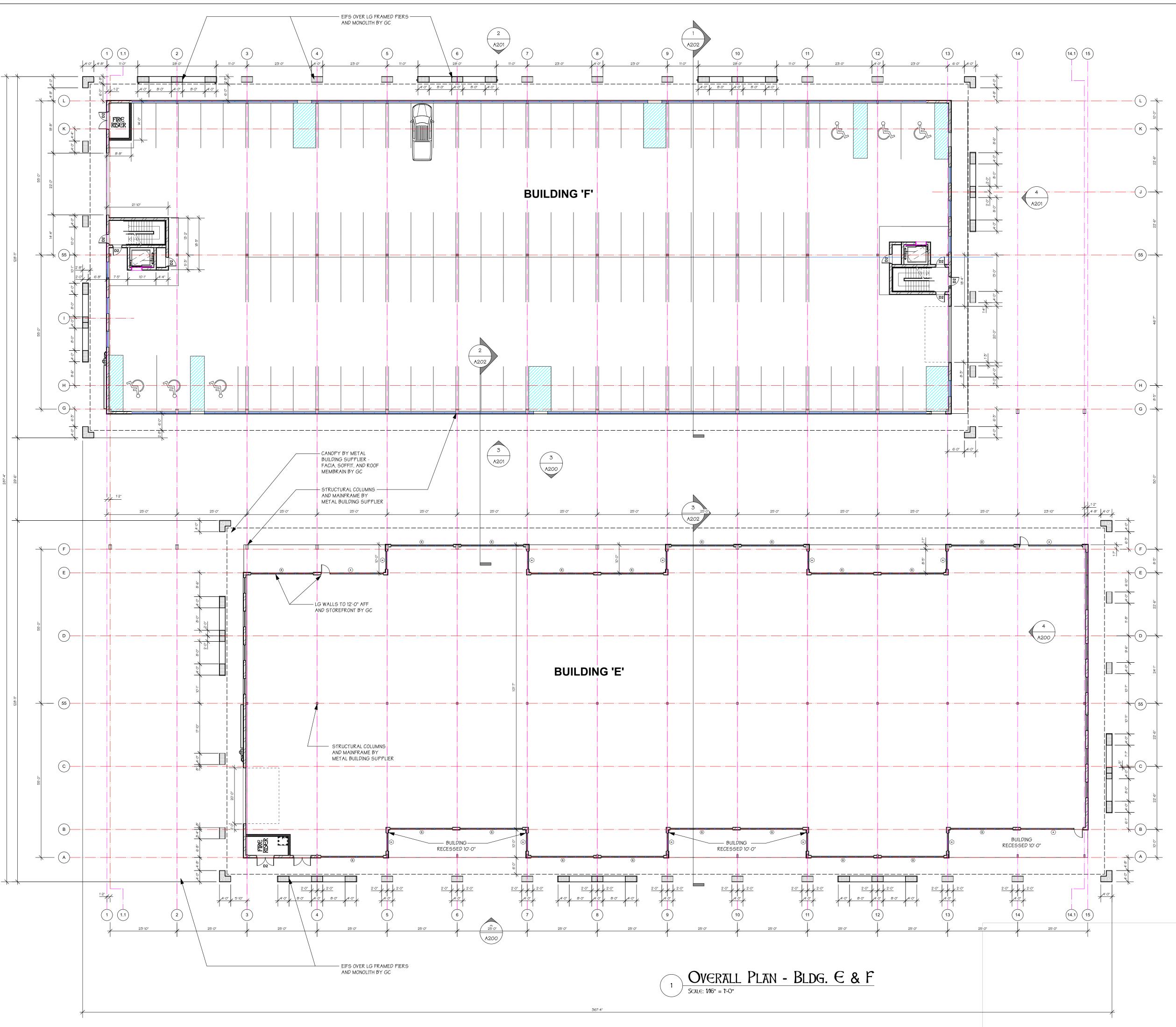
10

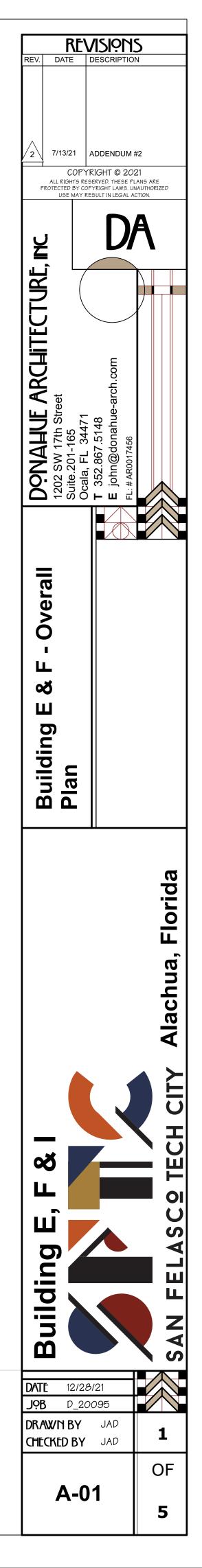
L-207

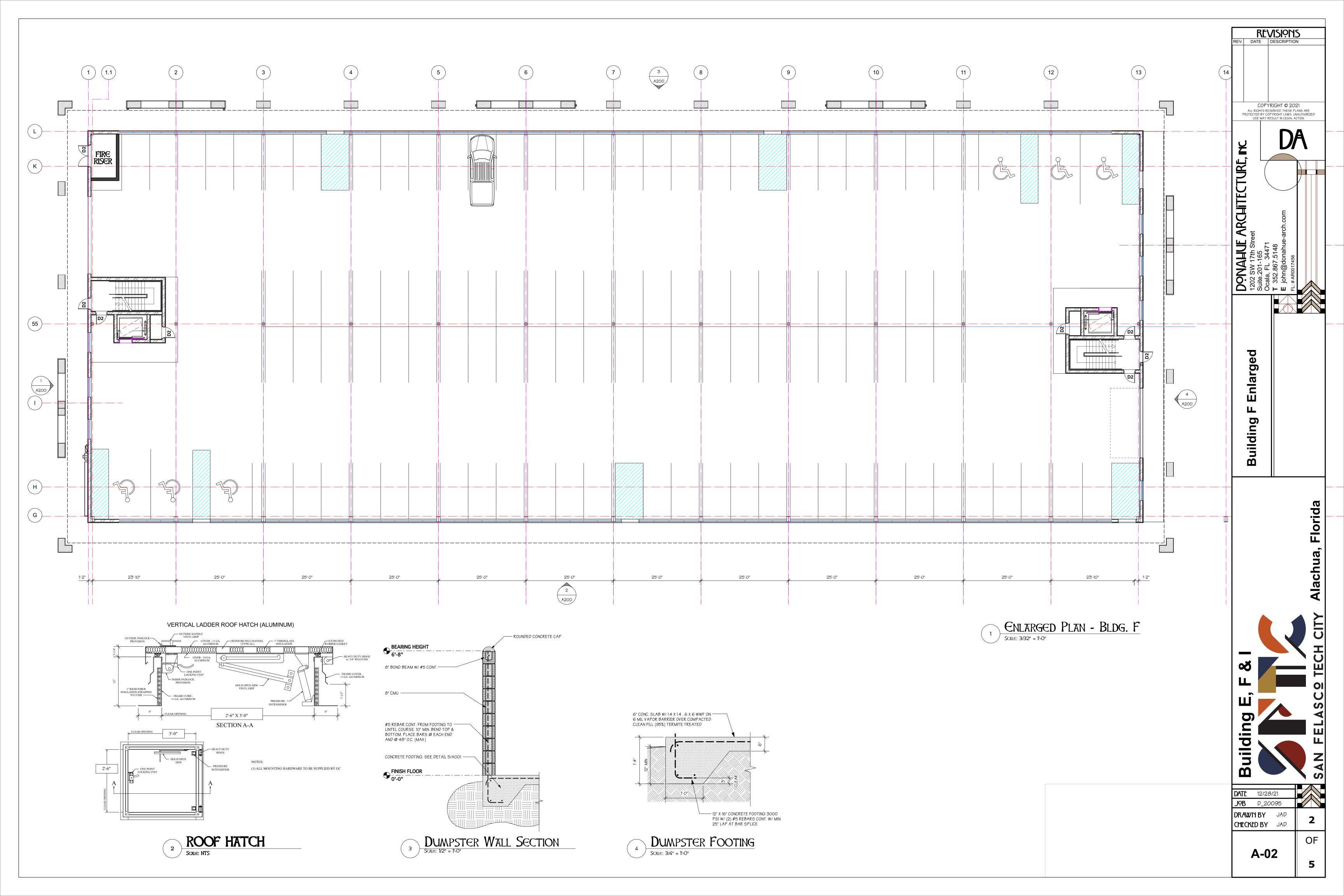


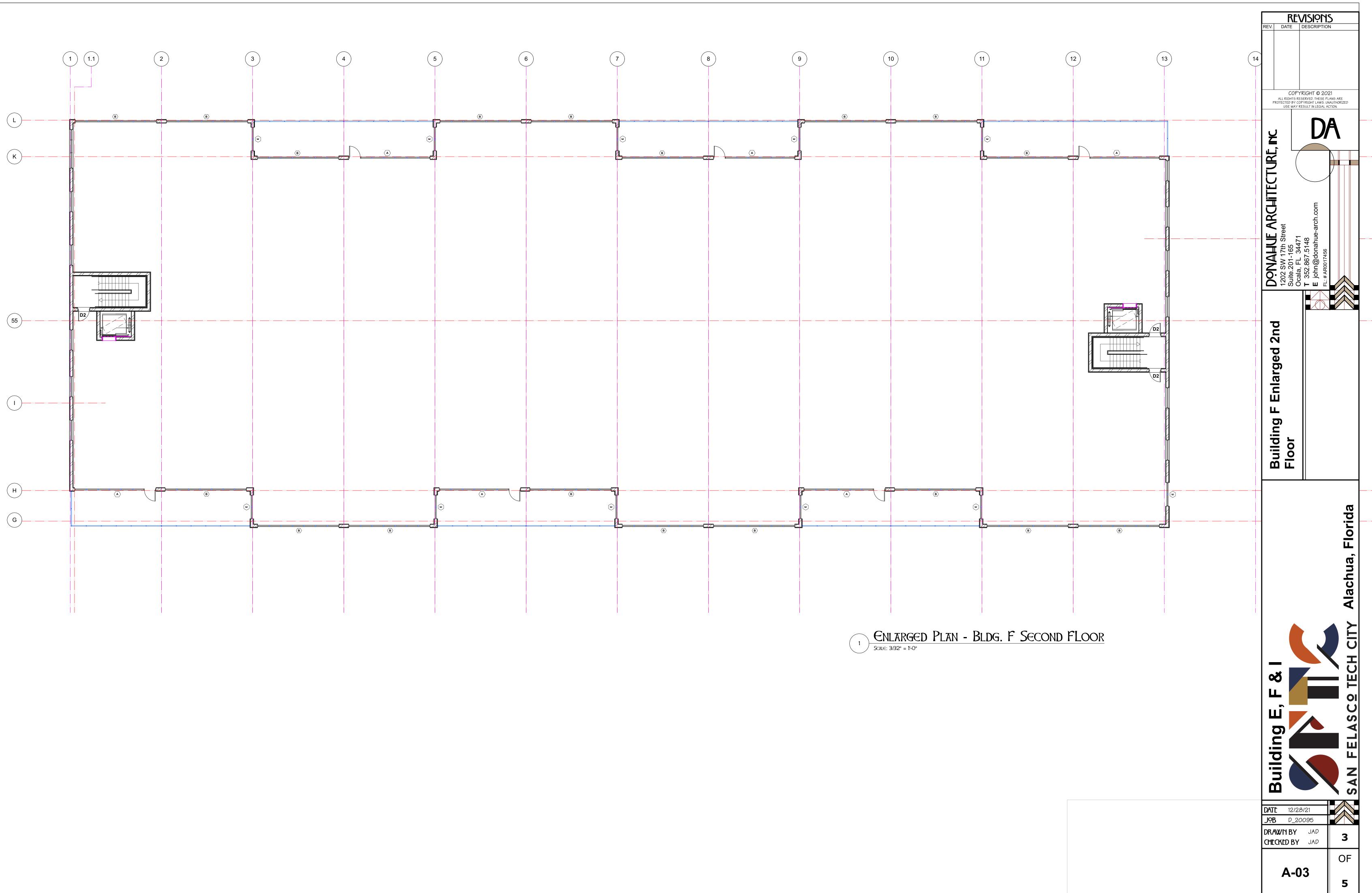
1 A201

1 A200

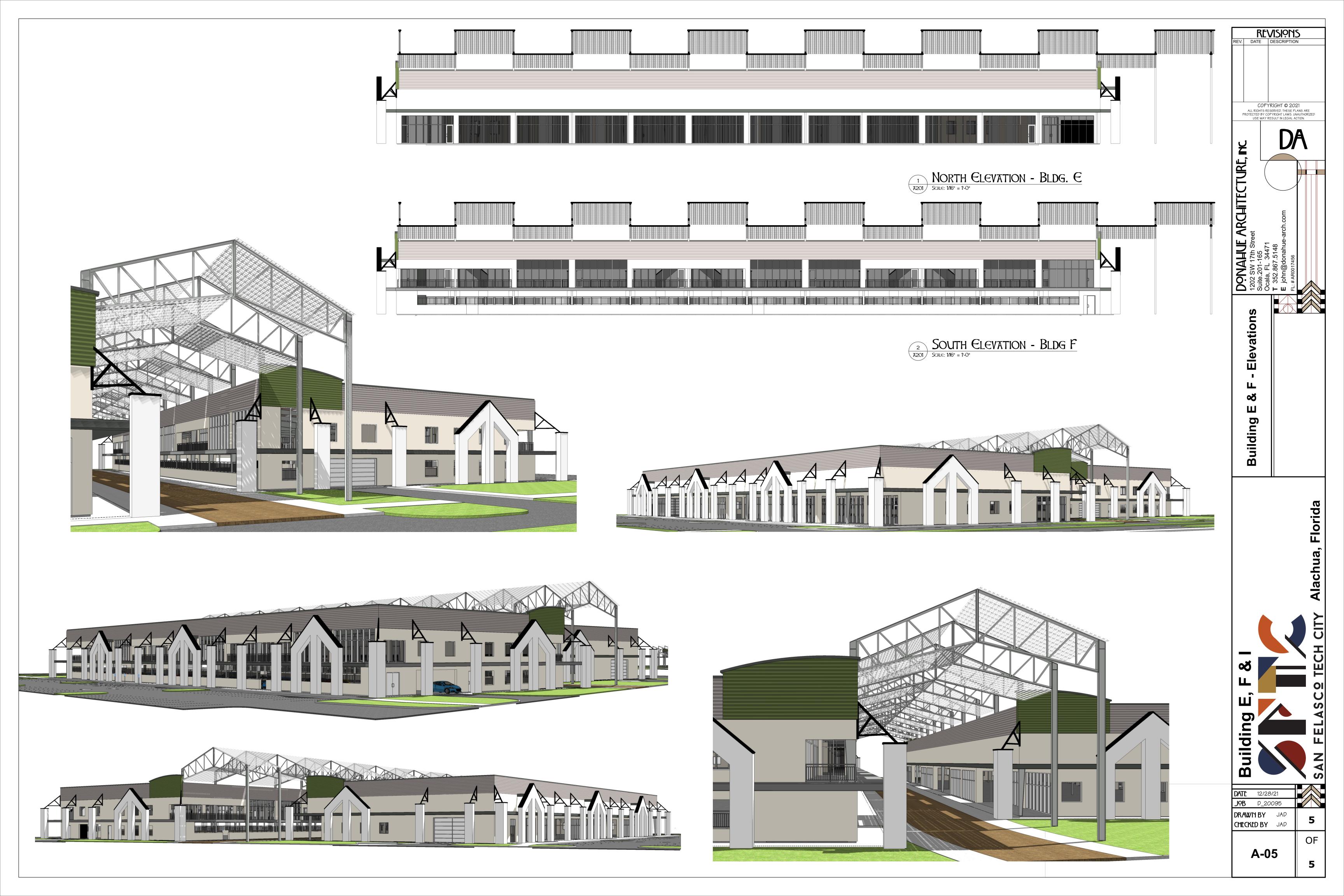


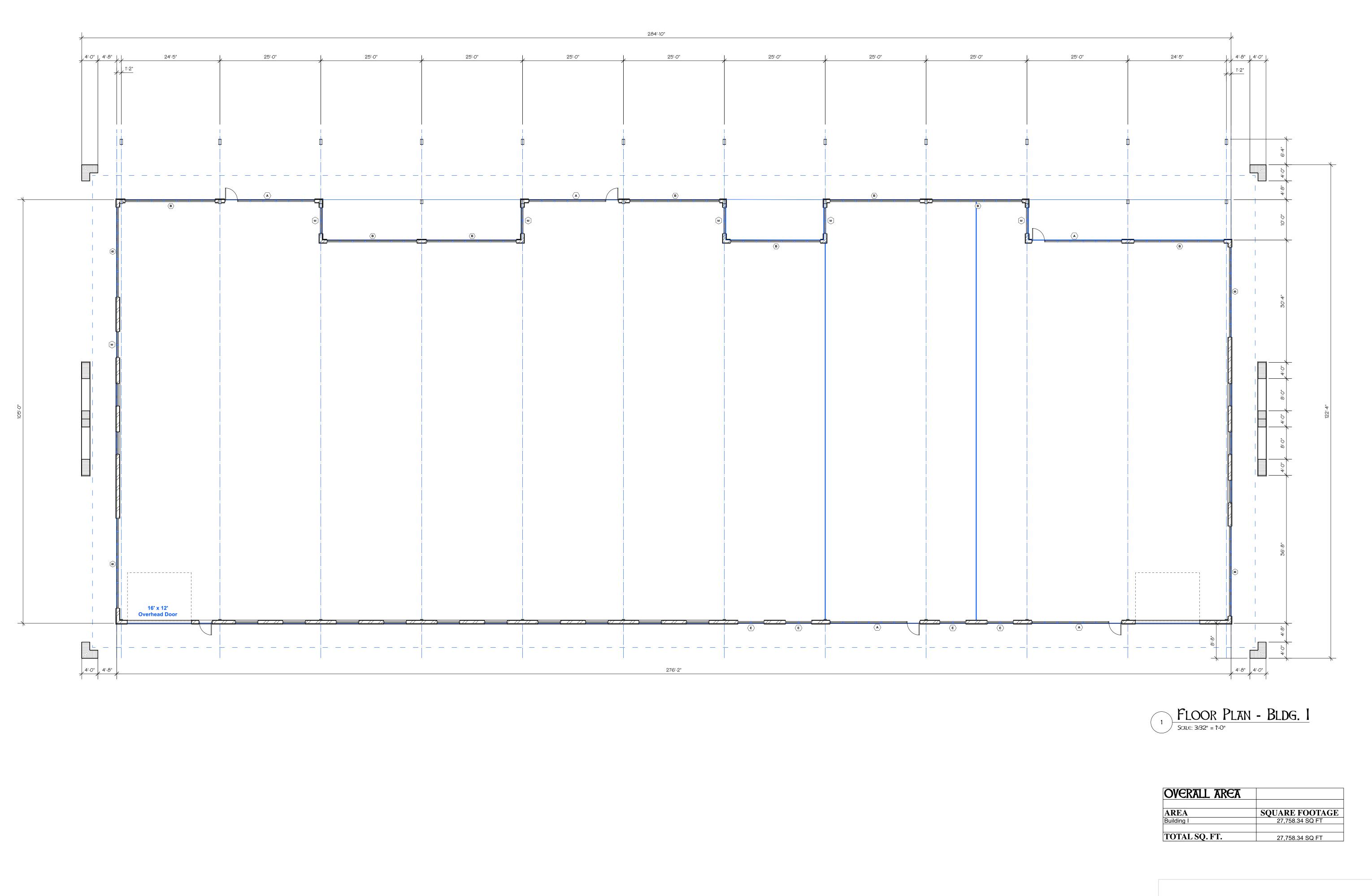


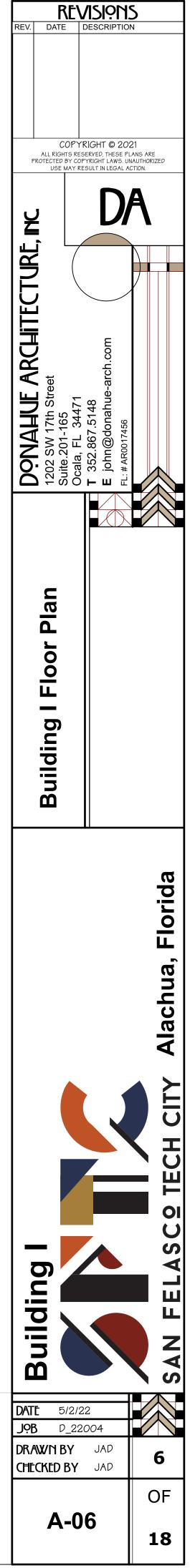


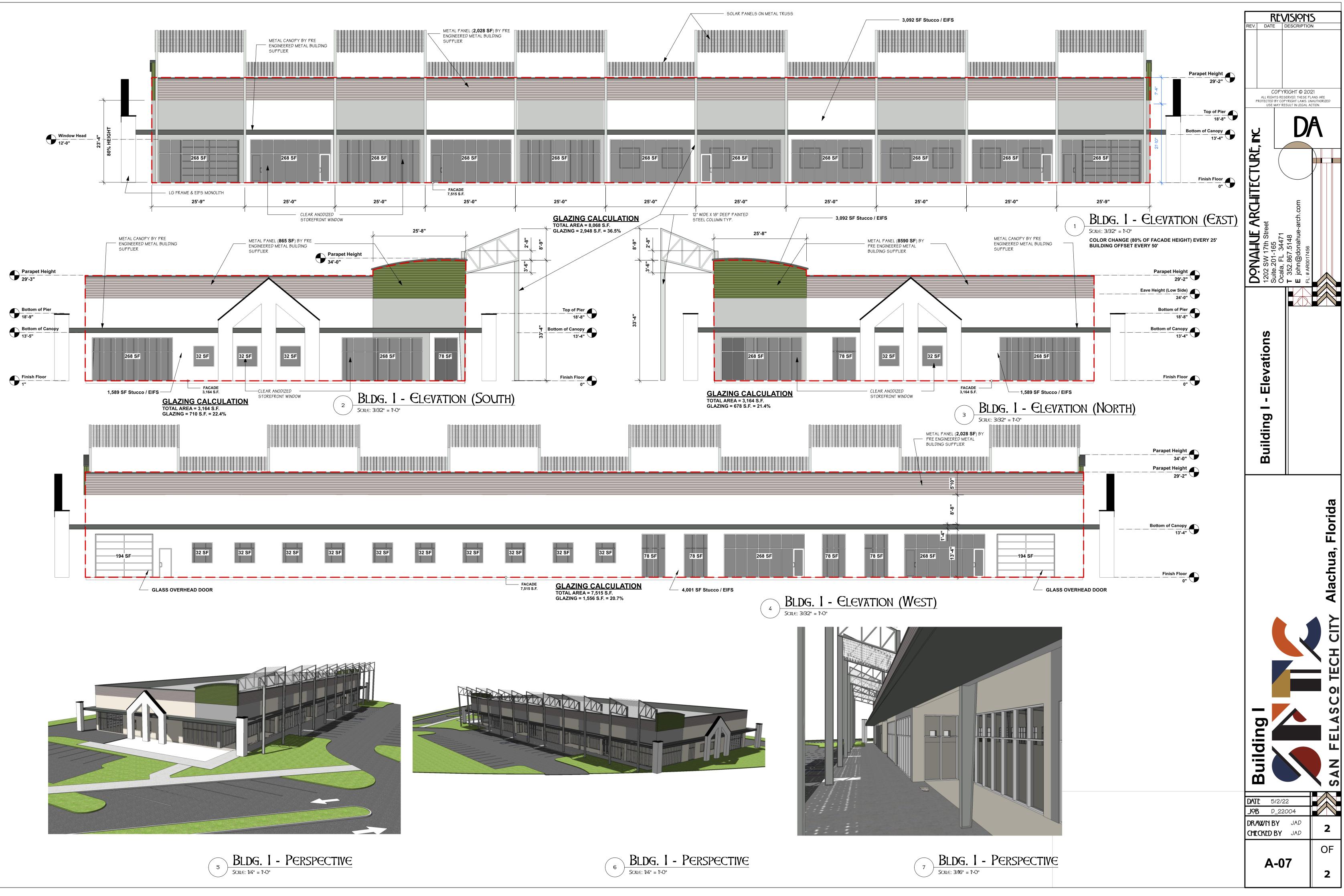






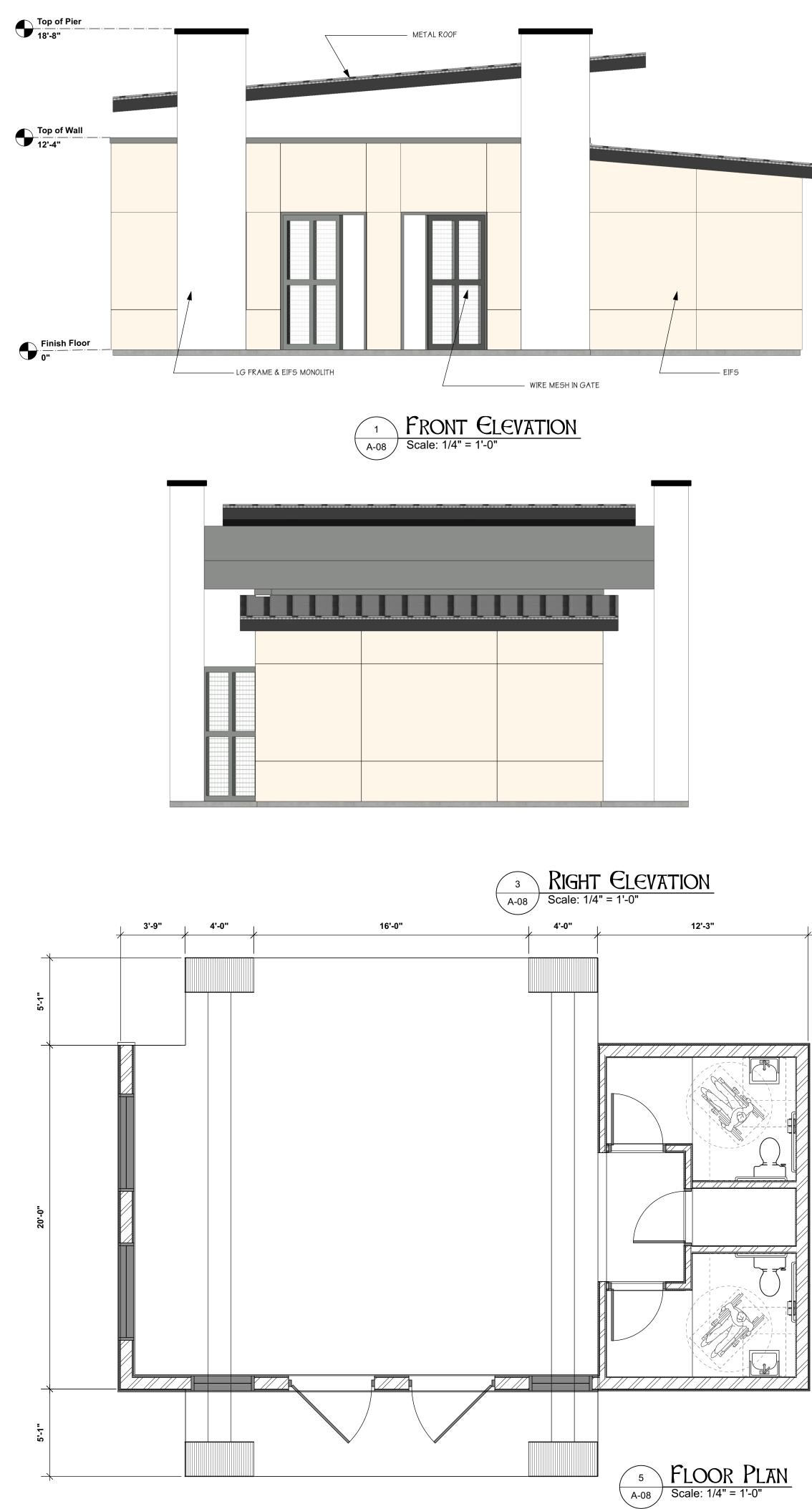
















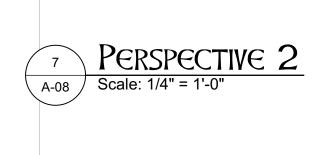


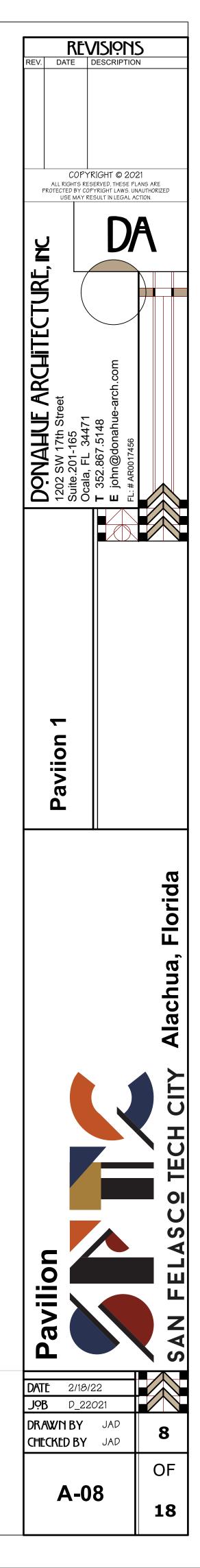


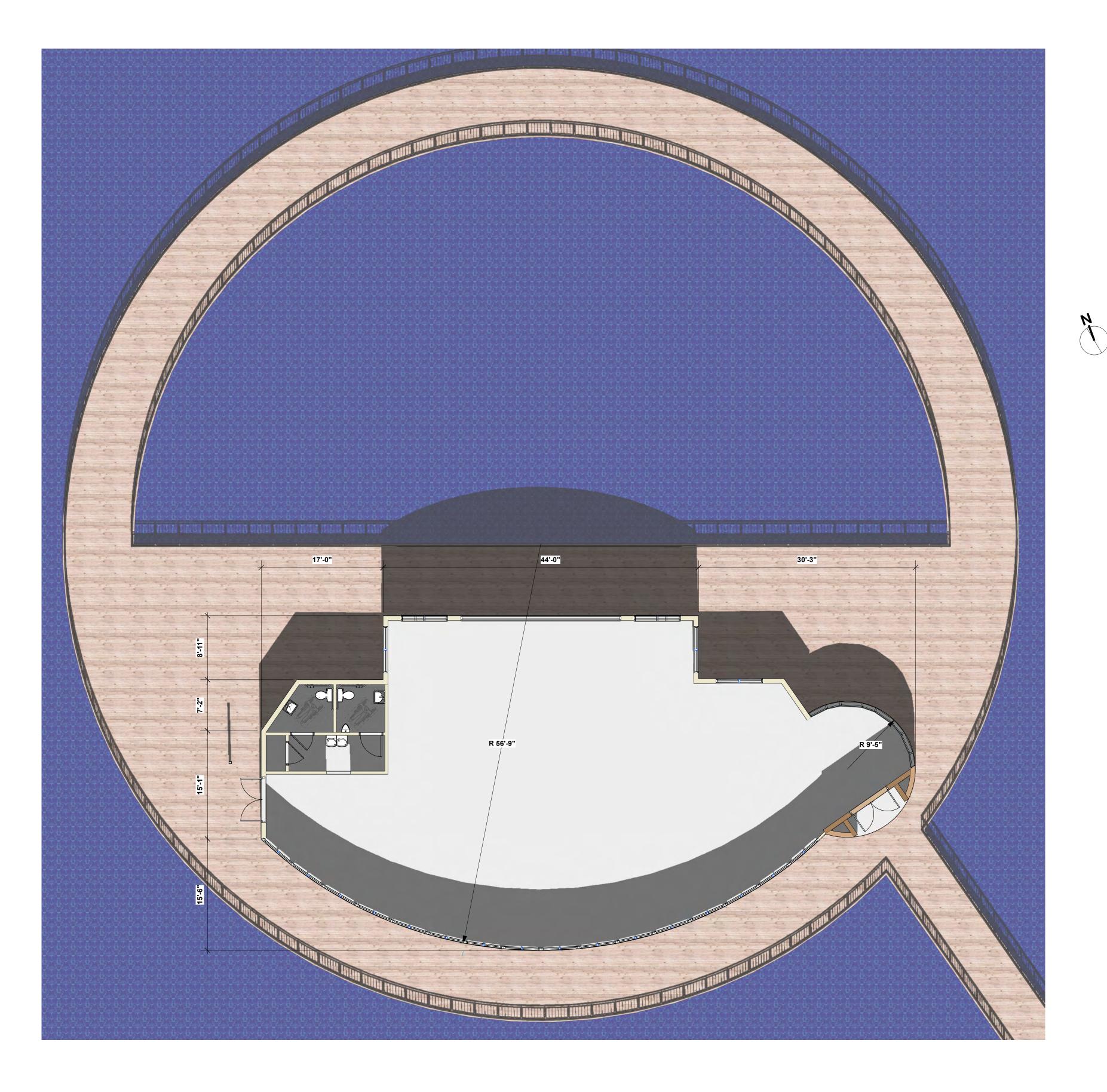
AREA TABULATION

AREA	SQUARE FOOTAGE	
Restrooms	205.03 SQ. FT	
Covered Pavilion	838.97 SQ. FT	
TOTAL SQ. FT.	1,044.00	



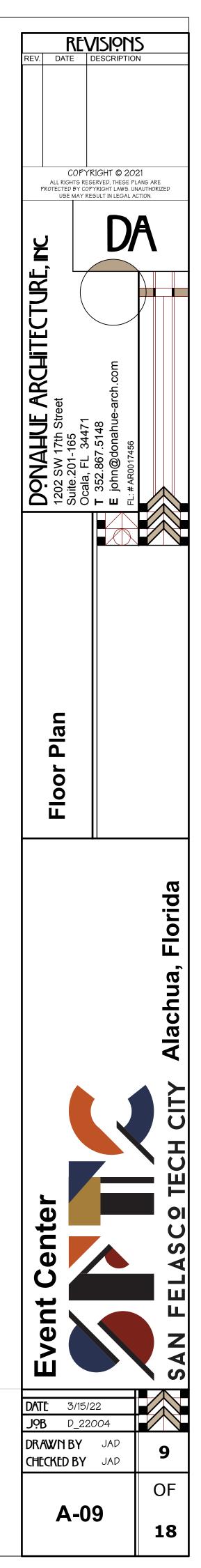


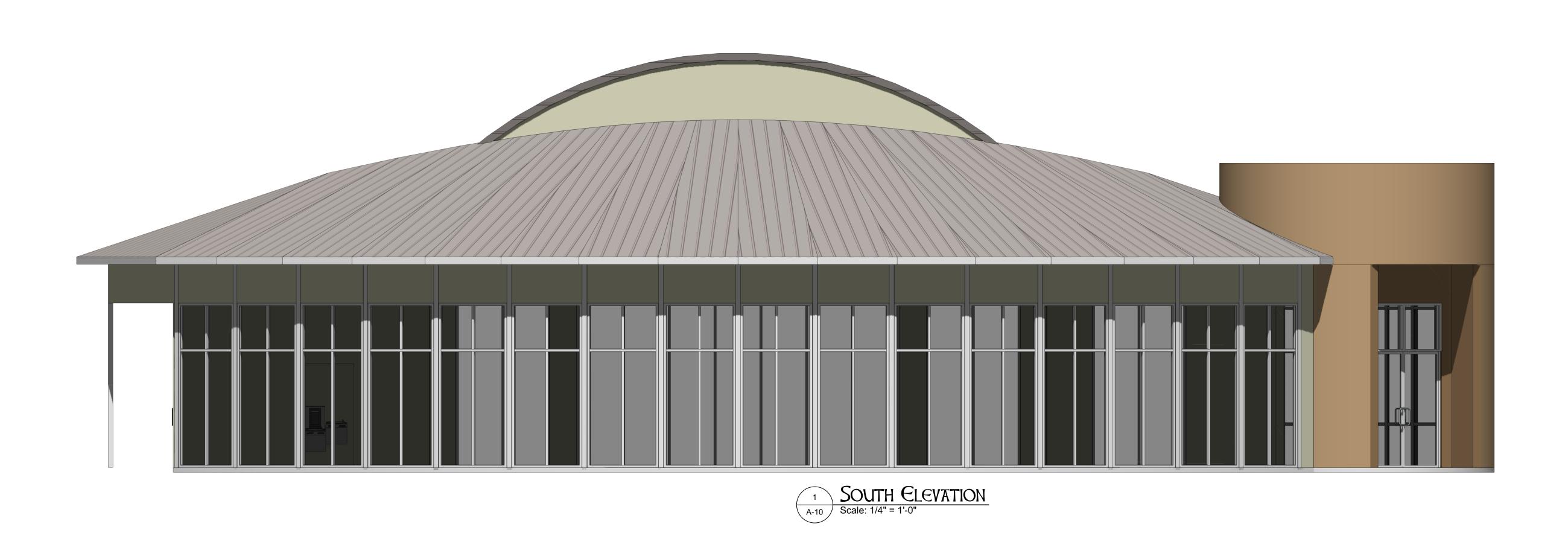


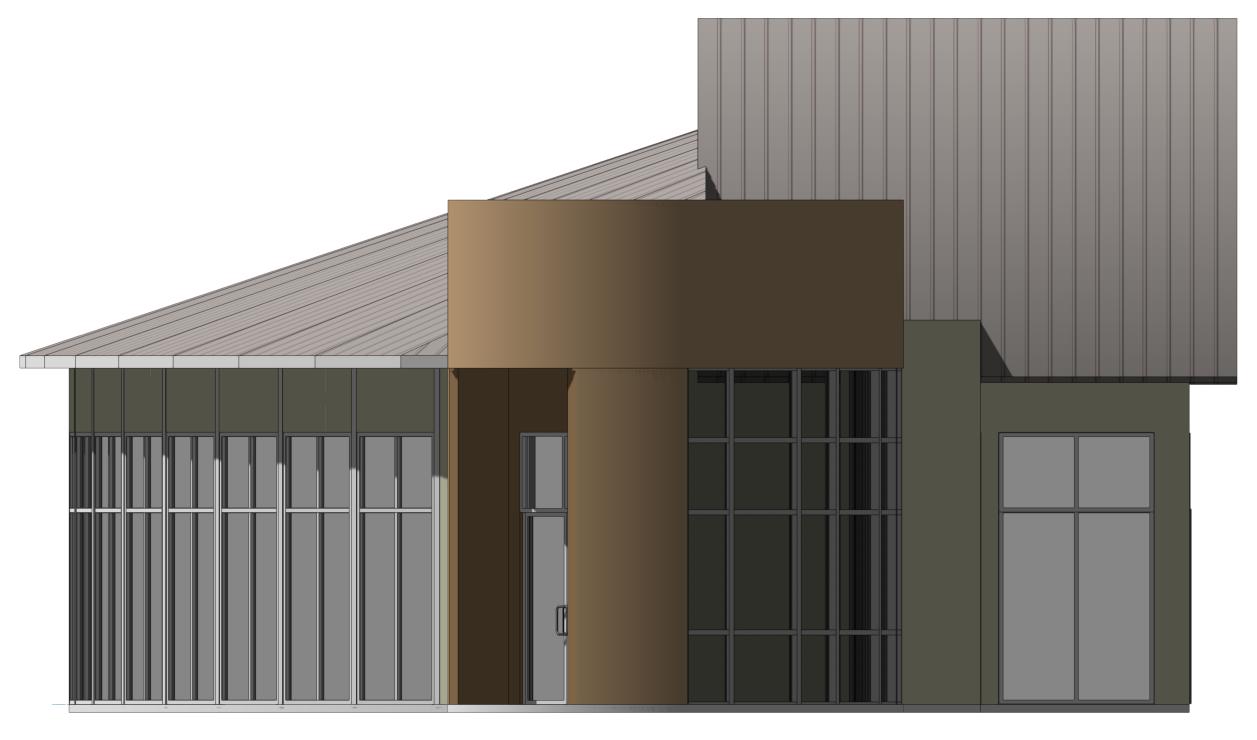




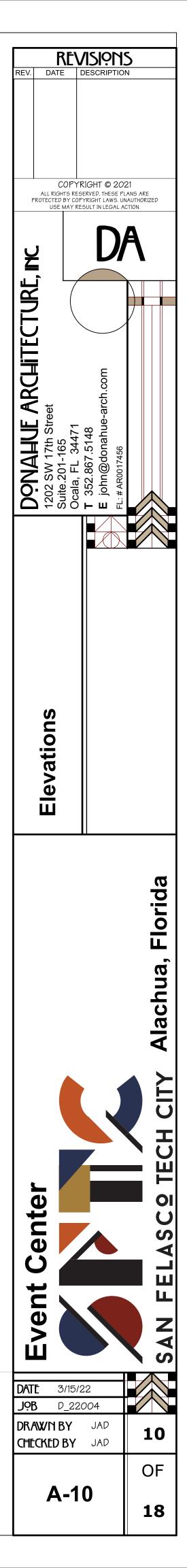
OVERALL AREA	
AREA	SQUARE FOOTAGE
Event Center	3,139.84 SQ FT
TOTAL SQ. FT.	3,139.84 SQ FT

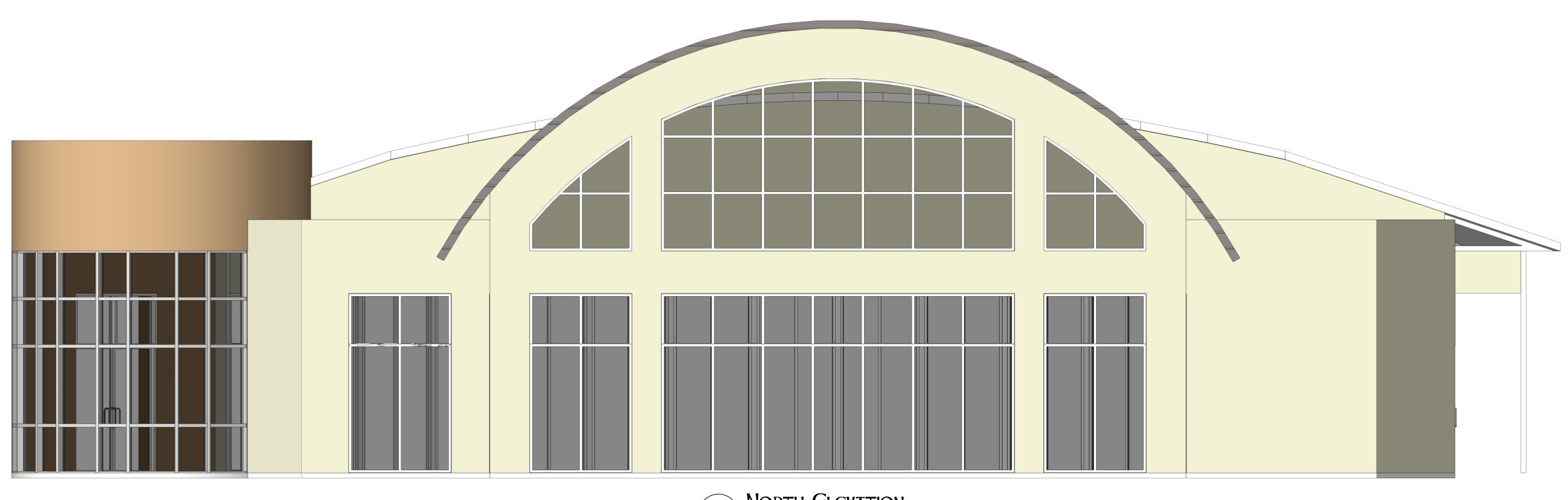




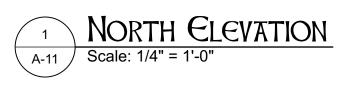


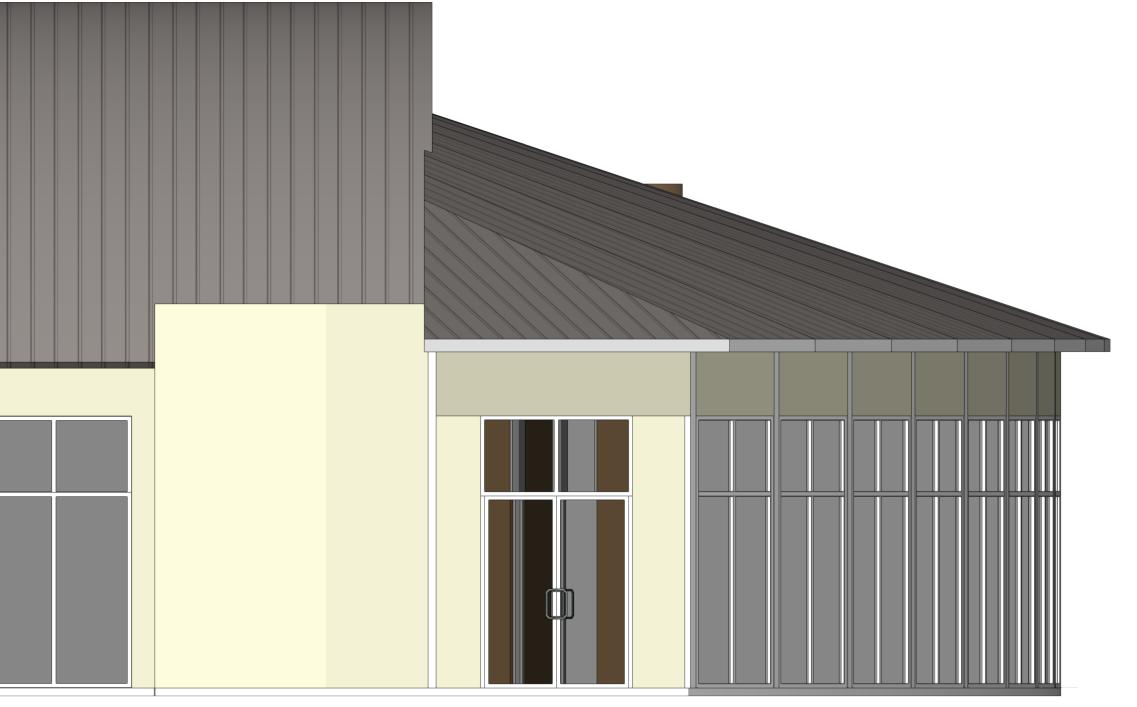




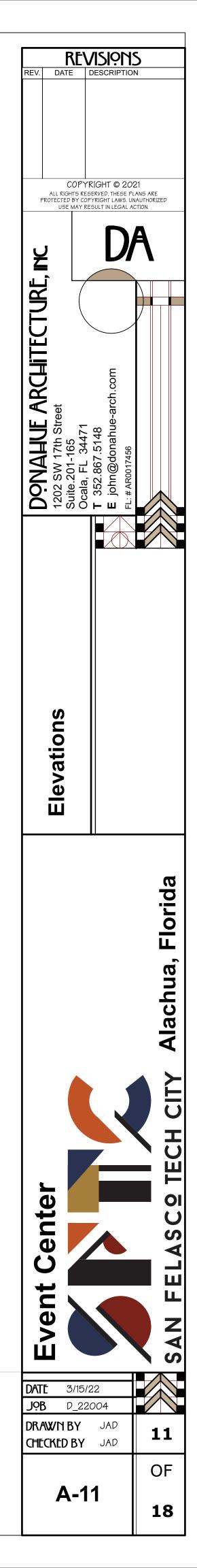




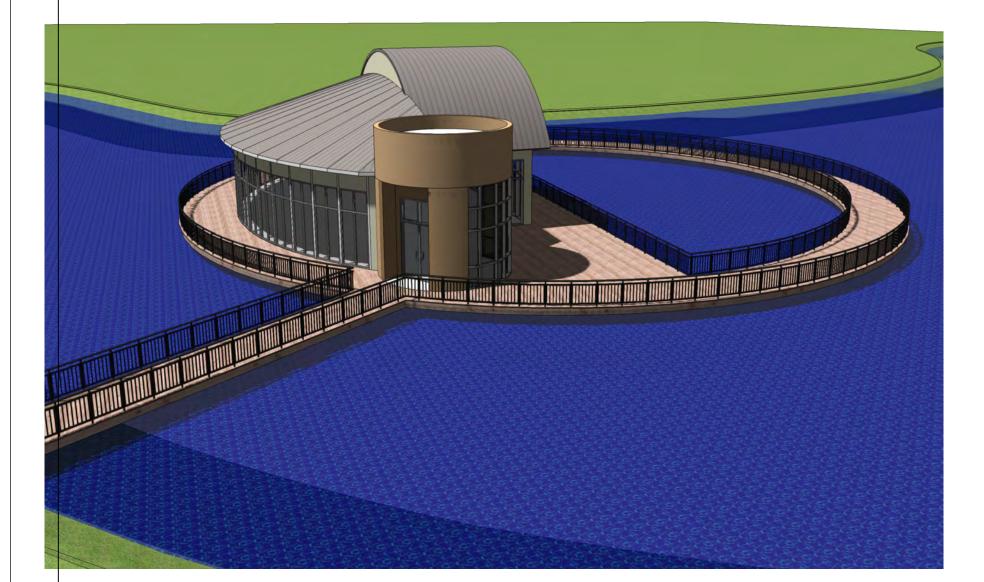


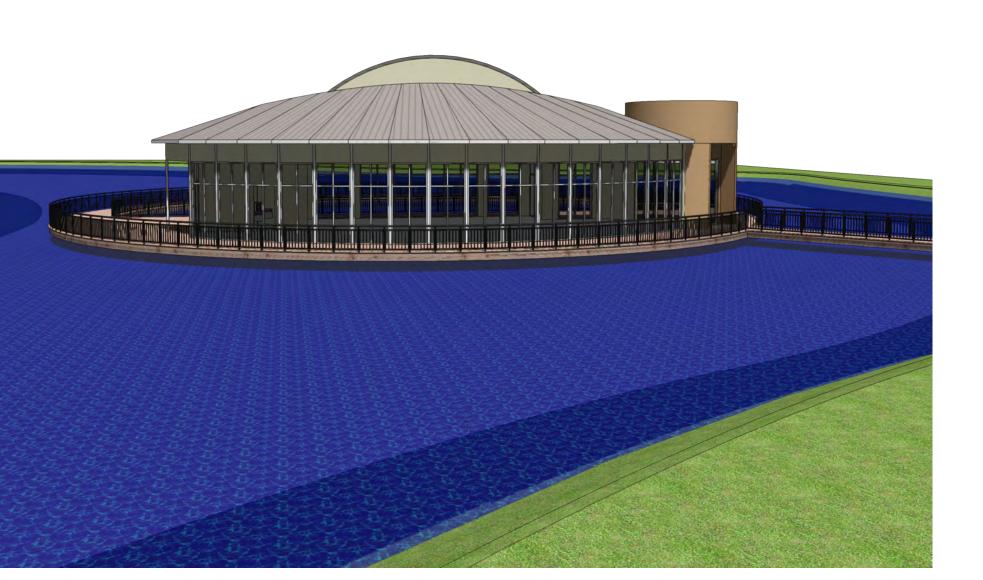


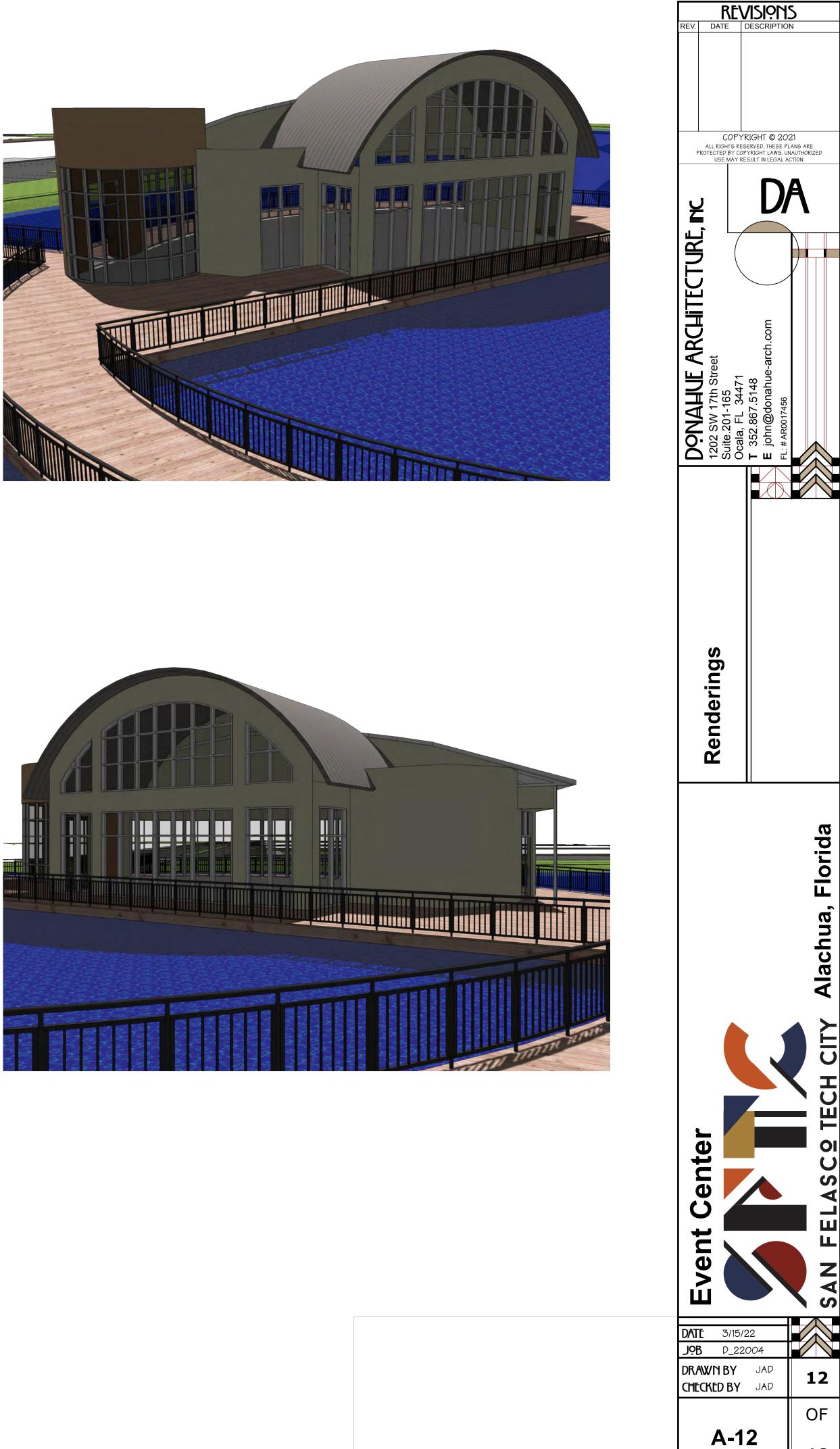
2 West Elevation A-11 Scale: 1/4" = 1'-0"

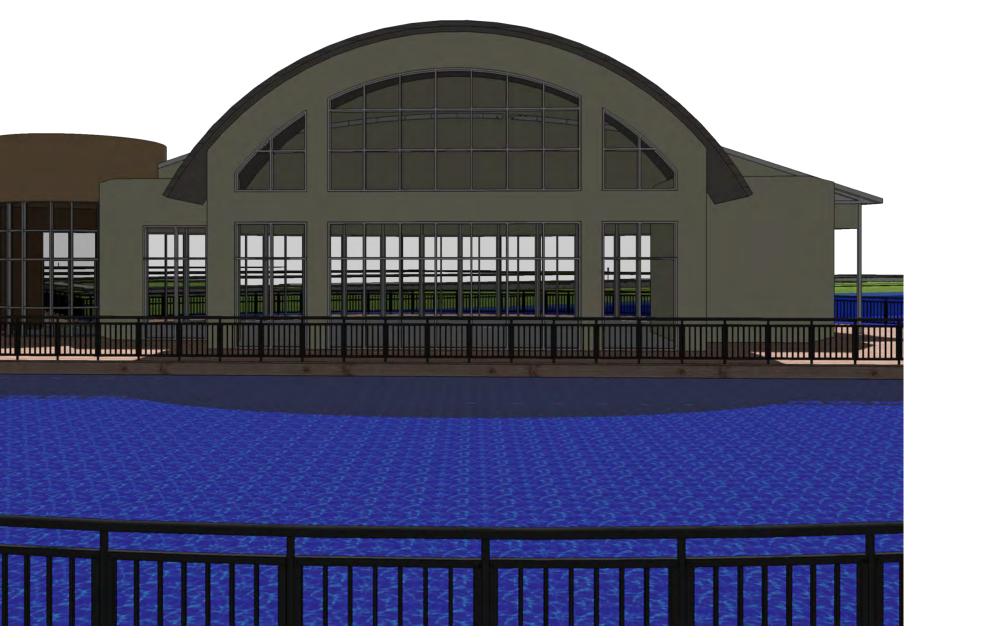














Florida

Alachua,

C

Η

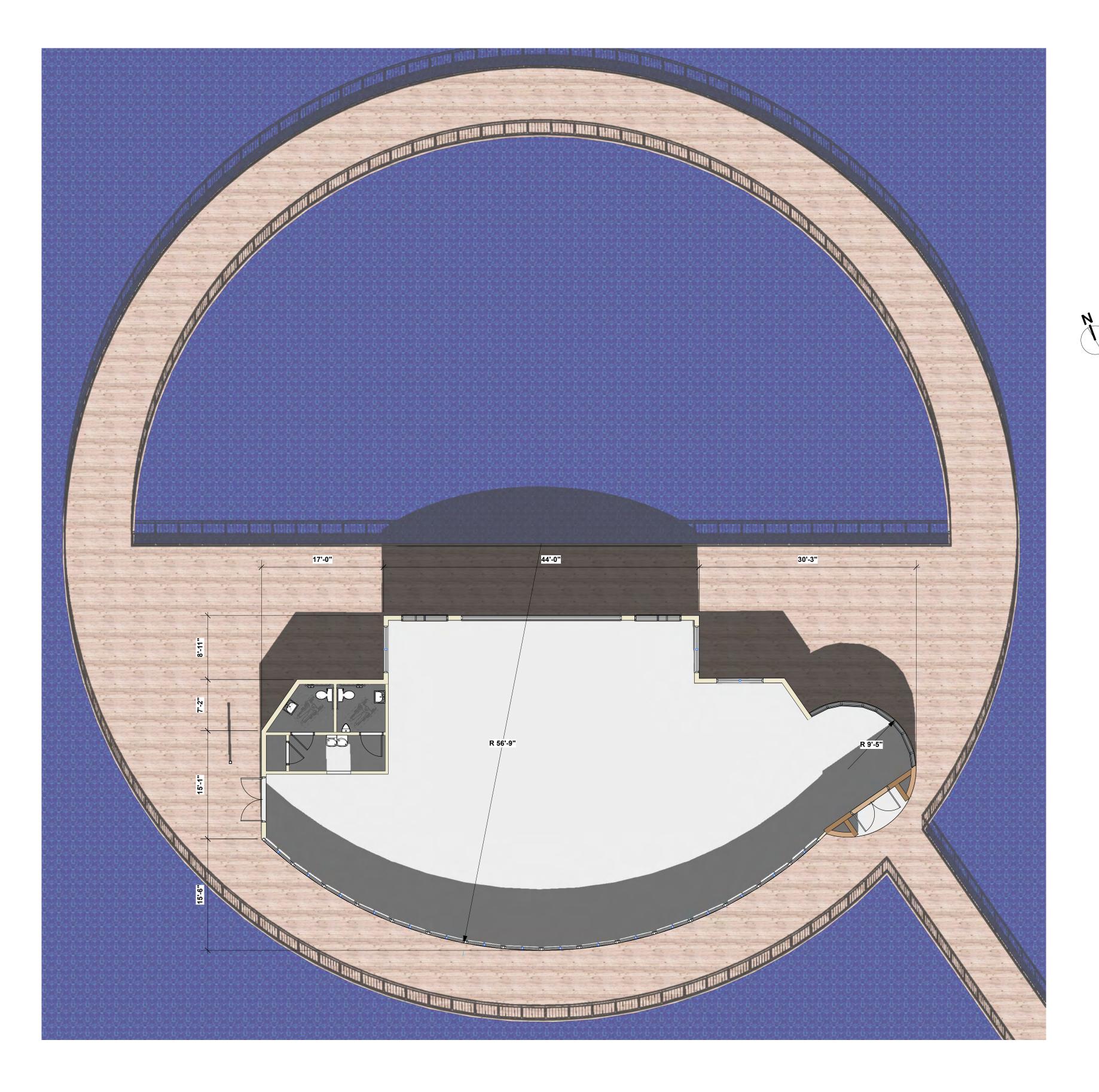
Ζ

S

12

OF

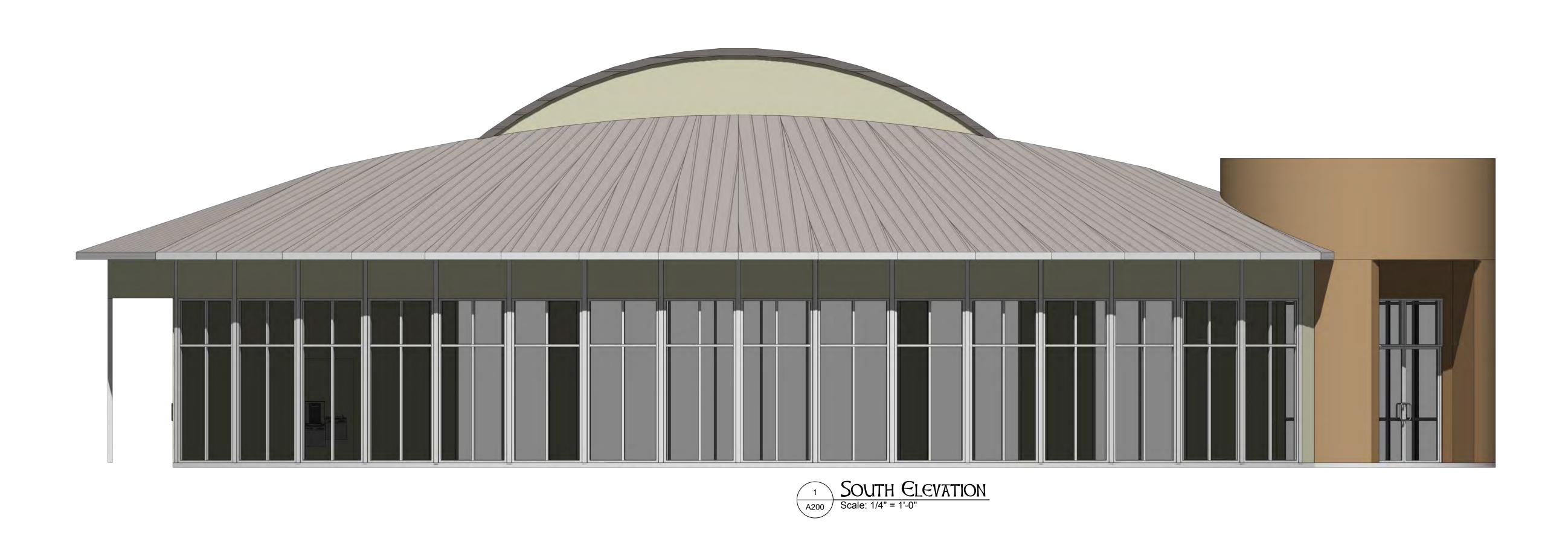
18

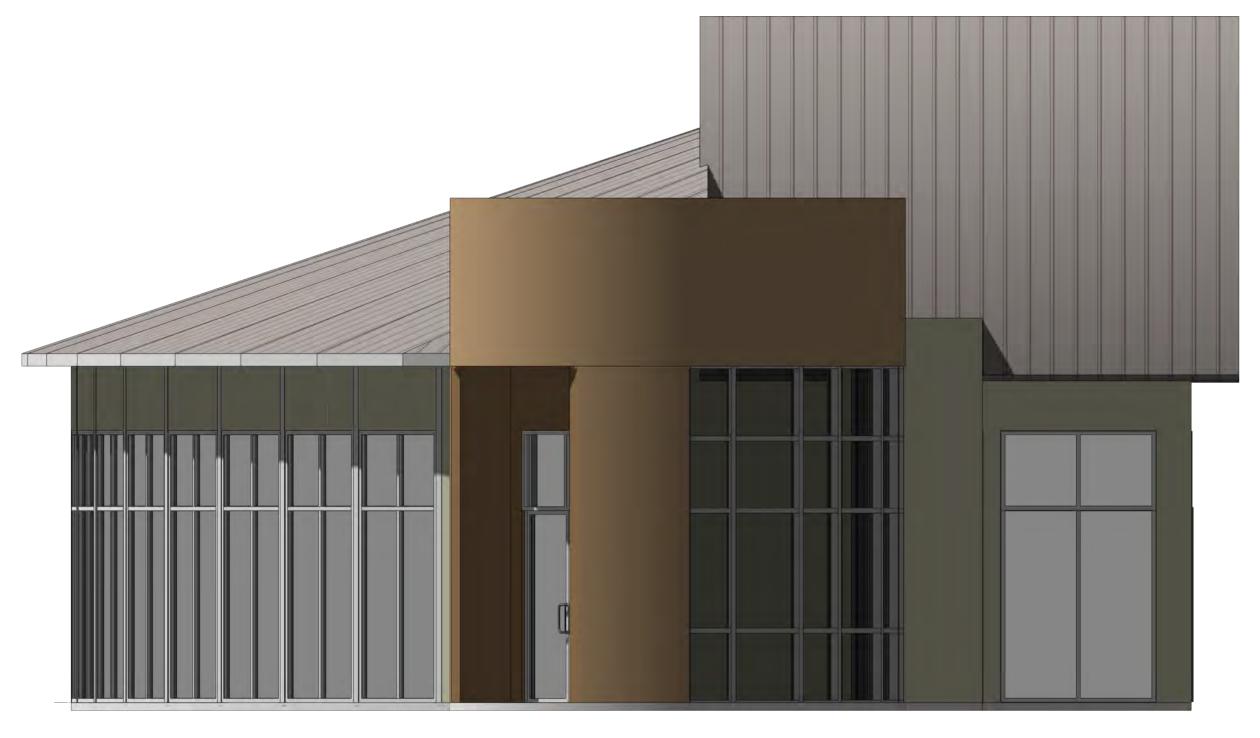




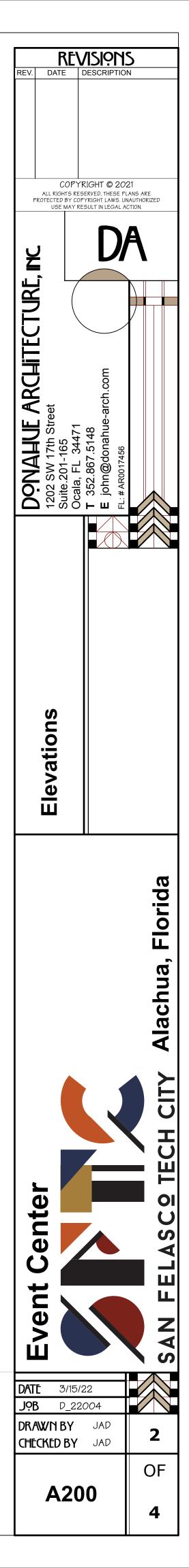
OVERALL AREA	
AREA	SQUARE FOOTAGE
Event Center	3,139.84 SQ FT
TOTAL SQ. FT.	3,139.84 SQ FT

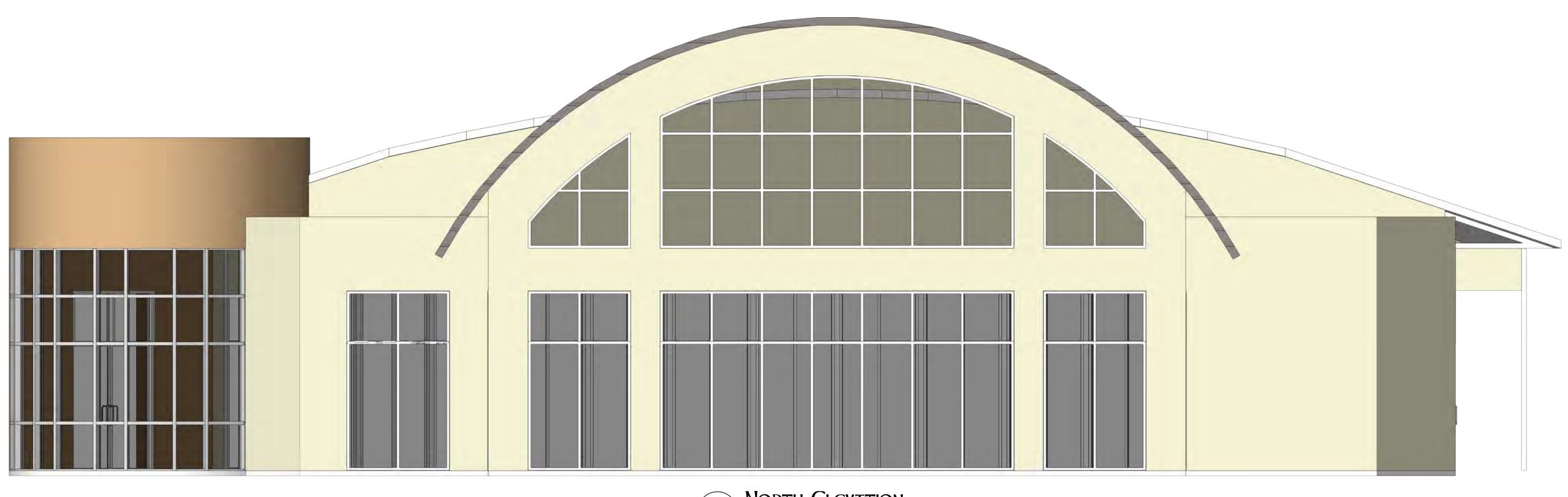
	VISION	
ALL RIGHTS PROTECTED BY	Dcala, FL 34471 T 352.867.5148 E john@donahue-arch.com FL:# AR0017456	21 LANS ARE VAUTHORIZED
Floor Plan		
JOB D_2	5/22 22004	SAN FELASCO TECH CITY Alachua, Florida
DRAW/N BY Checked B		1









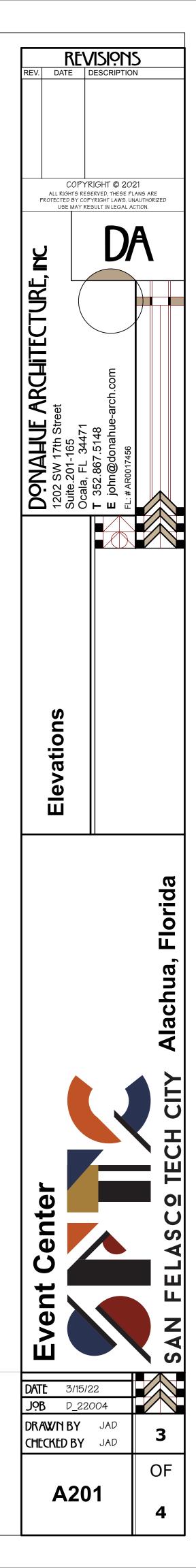




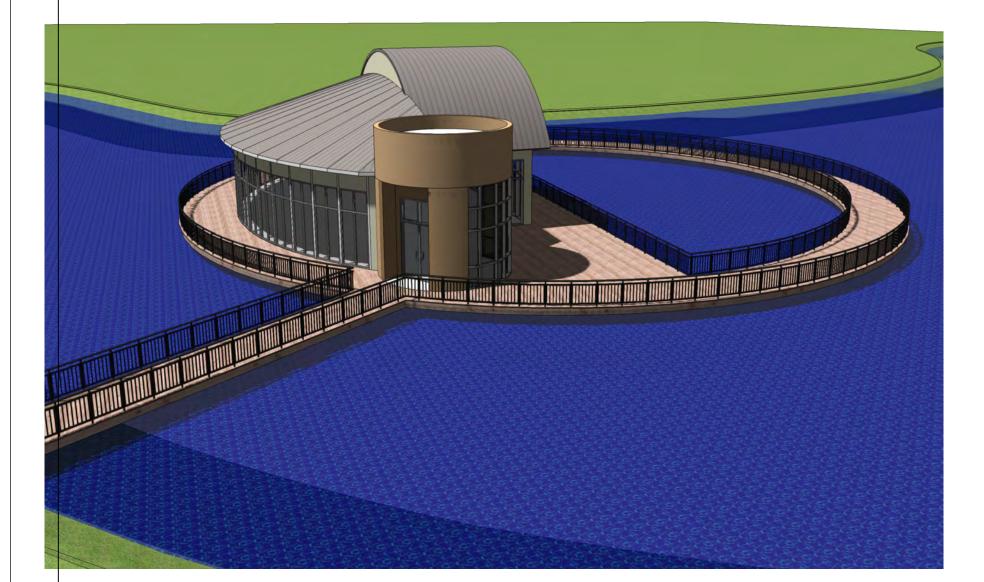


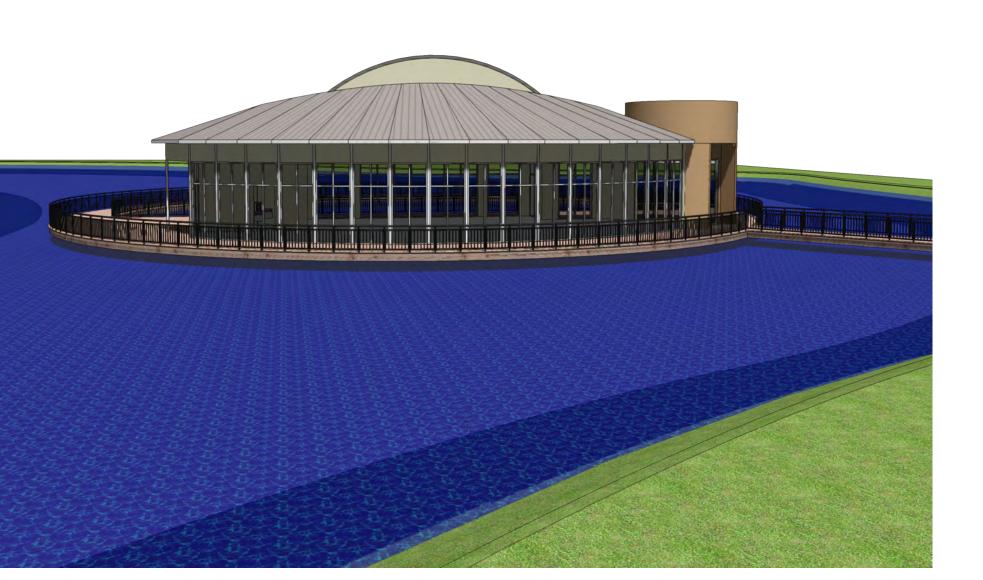


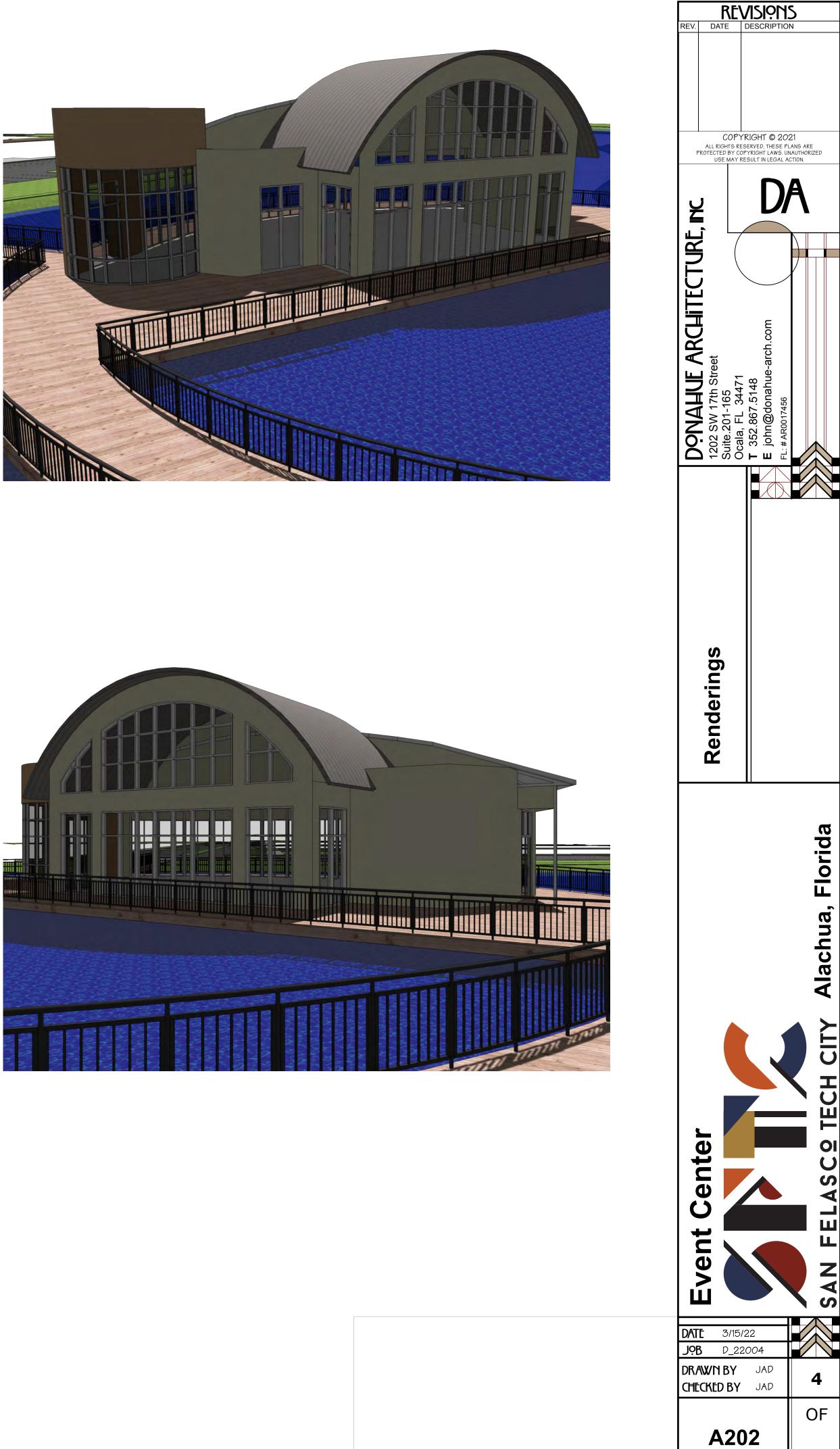
2 WEST ELEVATION A201 Scale: 1/4" = 1'-0"

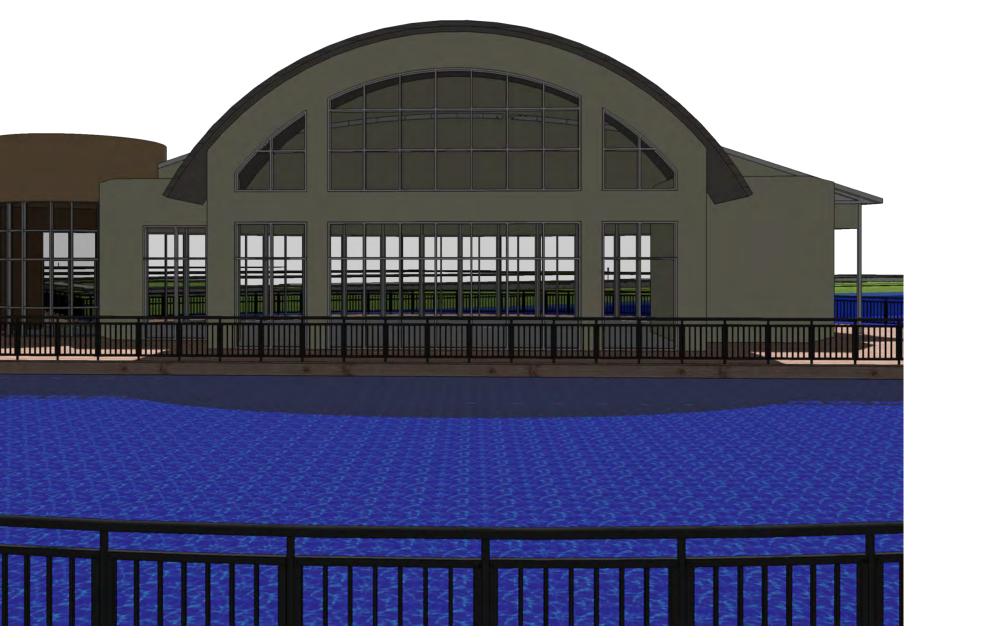


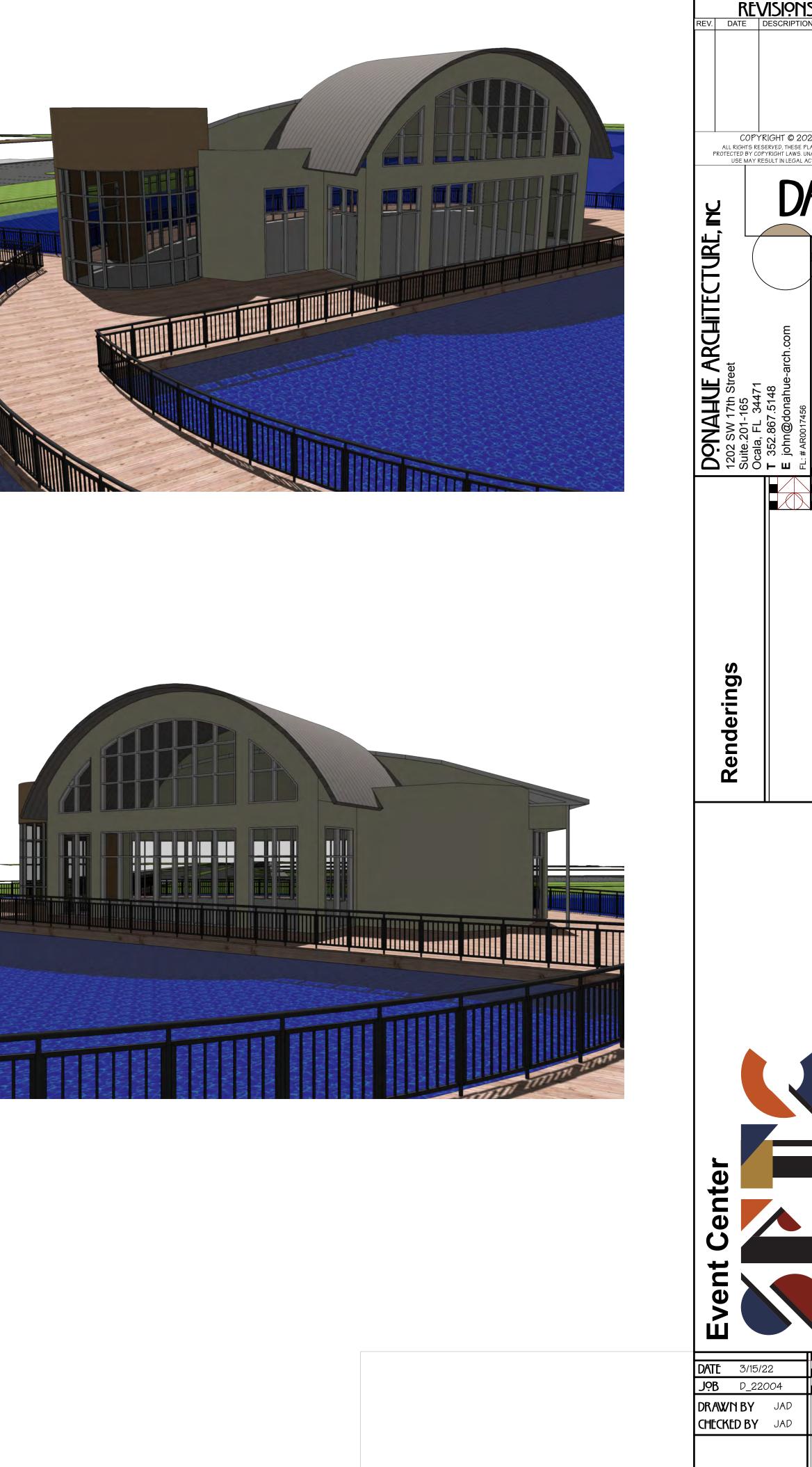












Florida

Alachua,

C

Η

Ζ

S

4

OF

4