June 1, 2023
PROJECT NAME: GOLDEN OCALA - W.E.C. RESTAURANT/EVENT CENTER AT SOUTH COMMERCIAL
PROJECT #2022100106
APPLICATION: MAJOR SITE PLAN #29389

1 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 2.12.8 - Topographical Contours
STATUS OF REVIEW: INFO
REMARKS: 1/30/2023: survey is more than 12 months old; DRC waiver was approved 1/10/2023

2 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.8.B(7) - Minimum Pipe Size
STATUS OF REVIEW: INFO
REMARKS: 1/30/2023: Minimum drainage pipe size is less than 18 inches; DRC waiver was approved 1/10/2023

3 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.10.B - Copy of NPDES Permit or NOI
STATUS OF REVIEW: INFO
REMARKS: Prior to construction, please provide a copy of the NPDES permit or NOI.

4 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.12.4.K - List of approved waivers, their conditions, and the date of approval
STATUS OF REVIEW: INFO
REMARKS: 1/9/23 - add waivers if requested in the future

5 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.12.7 - A digital version of the plan in a format pre-approved by the Office of the County Engineer
STATUS OF REVIEW: INFO
REMARKS:

6 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: Additional Development Review Comments
STATUS OF REVIEW: INFO
REMARKS: After approval, plans will be electronically stamped by the County. The applicant will receive an email indicating that approved plans are available for download and are located in the ePlans project Approved folder. For Development Review submittals, with the exception of Final Plats and Minor Site Plans, applicants are required to print, obtain required signatures, and sign and seal two 24”x 36” sets of the electronically stamped approved plan and deliver them to the Office of County Engineer, Development Review Section, located at 412 SE 25th Avenue Ocala, FL 34471. Upon receipt, a development order will be issued. Until such time as that development order is issued, the project does not have final approval and construction, if applicable, shall not commence. For plans requiring As-Builts, As-Builts and associated documentation shall be submitted on paper in accordance with current county requirements.

7 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.24 - Landscape requirements/6.8.6 - Buffering
STATUS OF REVIEW: INFO
REMARKS: Type B-6 buffer required along NW 80th

8 DEPARTMENT: ENRAA - ACQ AGENT ENG ROW
REVIEW ITEM: Major Site Plan
STATUS OF REVIEW: INFO
REMARKS: Sunbiz verified
IF APPLICABLE:
Sec. 2.18.1.I - Show connections to other phases.
Sec.2.19.2.H – Legal Documents
Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc.
Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate)
For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public."
Sec. 6.3.1.B.2 – Required Right of Way Dedication
For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."
Sec. 6.3.1.D.3 - Cross Access Easements
For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]."
Sec. 6.3.1.C.1 - Utility Easements (select as appropriate)
"[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider."
Sec. 6.3.1.C.2 – Utility Easements
"[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."
Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate:
1."[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities."
2."[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."
3.When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."
Sec.6.3.1.D(f) – If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]."

Marion County
Board of County Commissioners

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

DEVELOPMENT REVIEW PLAN APPLICATION

Date: November 3, 2022

A. PROJECT INFORMATION:

Project Name: Golden Ocala - W.E.C. Restaurant/Event Center at South Commercial
Parcel Number(s): Master: 21068-001-01 Other: 21068-000-02, 21068-001-02, 21625-002-30, -02, -03
Section 12 Township 15 Range 20 Land Use WEC Zoning Classification PUD
Commercial ☑ Residential ☐ Industrial ☐ Institutional ☐ Mixed Use ☐ Other
Type of Plan: MAJOR SITE PLAN
Property Acreage 38 acre project area Number of Lots Miles of Roads
Location of Property with Crossroads South of NW 17th Place, West of NW 80th Avenue
Additional information regarding this submittal:
Stand-alone AR 29277 waiver request should be tied to this project.

B. CONTACT INFORMATION *(Check the appropriate box indicating the point for contact for this project. Add all emails to receive correspondence during this plan review.)*

☑ **Engineer:**
Firm Name: Tillman & Associates Engineering, LLC Contact Name: George S. Horton, P.E.
Mailing Address: 1720 SE 16th Ave., Bldg # 100 City: Ocala State: FL Zip Code: 34471
Phone # (352) 387-4540 Alternate Phone #
Email(s) for contact via ePlans: permits@tillmaneng.com

☐ **Surveyor:**
Firm Name: JCH Consulting Group, Inc. Contact Name: Chris Howson
Mailing Address: 426 SW 15th St City: Ocala State: FL Zip Code: 34471
Phone # 352-405-1482 Alternate Phone #
Email(s) for contact via ePlans: chris@JCHcg.com

Property Owner:
Owner: Equestrian Operations, LLC & Arena Horse Shows of Ocala, LLC Contact Name: Ralph L. Roberts, Sr or Mary Roberts
Mailing Address: 600 Gillam Road City: Wilmington State: OH Zip Code: 45177
Phone # (352) 402-4368 Alternate Phone #
Email address: srvip@rlcarriers.com and dustin.owen@rlcarriers.com

Developer:
Developer: same as owner Contact Name:
Mailing Address: City: State: Zip Code:
Phone # Alternate Phone #
Email address:

Revised 6/2021

CLEAR FORM

MAJOR SITE PLAN
GOLDEN OCALA - W.E.C.
RESTAURANT/EVENT CENTER
@ SOUTH COMMERCIAL

A PORTION OF SECTIONS 7 & 12, TOWNSHIP 15 SOUTH, RANGE 20 EAST MARION COUNTY, FLORIDA

THIS SITE CONTAINS:
PROJECT BOUNDARY AREA = 19.51 ac (On-site 849,962 sq.ft.)
OFF-SITE DRA BOUNDARY AREA = 8.99 ac (391,537 sq.ft.)
NEW IMPERVIOUS AREA (ON-SITE) = 10.20 ac
NEW IMPERVIOUS AREA (OFF-SITE DRA) = 0.01 ac
LOCATED IN A PORTION OF PARCELS:
(Off-site DRA): 21625-002-02, 21625-002-03 & 21625-002-30
(On-site): 21068-000-01, 21068-000-02, 21068-001-02 & 21068-001-01
DESCRIPTION OF PURPOSE: RESTAURANT/EVENT CENTER
FUTURE LAND USE (On-site): WORLD EQUESTRIAN CENTER
FUTURE LAND USE (Off-site DRA): RURAL LAND
ZONING (On-site): PUD
ZONING (Off-site DRA): GENERAL AGRICULTURAL

REGULATORY PERMITS

MARION COUNTY	(PENDING)
FDEP WATER	(PENDING)
FDEP SEWER	(PENDING)
SWFWMD ERP	(PENDING)
NPDES	(BY OTHERS)

DRC APPROVED WAIVERS:

AR # 29389 APPROVED WAIVERS:
7.2.1A - MAJOR SITE PLAN
WAIVER TO THE ORDER OF PLAN APPROVAL TO ALLOW DISTURBANCE PRIOR TO MAJOR SITE PLAN APPROVAL, SUBJECT TO THE OWNER MOVING FORWARD AT THEIR OWN RISK. APPROVED THE WAIVER SUBJECT TO THE OWNER MOVING FORWARD AT THEIR OWN RISK. (APPROVED 01/10/2023)

6.13.8.B (7) - STORMWATER CONVEYANCE CRITERIA
(A) WAIVER FOR MAJOR STORM SYSTEM TO INCLUDE 15" RCP PROVIDED A HYDRAULIC CALCULATION CONCLUDES THERE IS NO ADVERSE EFFECT AND IS INCLUDED IN THE STORMWATER REPORT. (APPROVED 01/01/2023)

(B) WAIVER FOR STORM PIPING 12" AND UNDER FOR CONNECTIONS BEYOND THE MAJOR STORM SYSTEM (YARD AND ROOF DRAINS) GIVEN THE MATERIALS IS APPROVED UNDER WAIVER REQUEST FOR SECTION 7.1.3.(i)(3). (APPROVED 01/10/2023)

7.1.3.(i)(3) - DRAINAGE FACILITIES PIPE MATERIALS
WAIVER FOR CONVEYANCE PIPE SIZING AND MATERIAL TYPE PROVIDED THE APPLICANT SUBMITS APPROPRIATE HYDRAULIC CALCULATIONS ACCORDINGLY AS WELL AS ILLUSTRATES THE ALTERNATE MATERIALS ON THE QPL. (APPROVED 01/10/2023)

6.4.7(E) - CONSTRUCTION PLANS
WAIVER FOR LINE AND CURVE DATA FOR THE PROJECT BOUNDARIES TO BE PROVIDED ON THE SKETCH AND DESCRIPTION PRIOR TO REQUEST FOR RESTAURANT FINAL CERTIFICATE OF OCCUPANCY. (APPROVED 01/10/2023)

2.12.8 - CURRENT BOUNDARY AND TOPOGRAPHIC SURVEY
WAIVER RELATED TO THE LINE AND CURVE DATA AND TO PROVIDE THE SKETCH AND DESCRIPTION PRIOR TO THE REQUEST FOR THE RESTAURANT CERTIFICATE OF OCCUPANCY ADDITIONALLY THE SECOND REQUEST IS FOR THE USE OF BOUNDARY AND TOPOGRAPHIC SURVEY THAT IS IN EXCESS OF 12 MONTHS OLD AND STAFF HAS NO OBJECTION TO THAT CONCEPT AND WOULD MOVE TO APPROVE THE USE OF THAT ORDER. (APPROVED 01/10/2023)

6.8.10.C - GENERAL PLANTING REQUIREMENTS
WAIVER TO REQUIREMENTS FOR NATIVE SPECIES. LIKE OAKS ARE THE PREDOMINANT TREE FOR THE FACILITY. WAIVER FROM 258 NATIVE SHRUBS A PLANT PALLET FOR THIS SITE IS BEING FOLLOWED TO MATCH EXISTING WORLD EQUESTRIAN CENTER. (APPROVED 01/10/2023)

6.8.7.D(3) - TREES WITHIN PARKING AREAS
WAIVER FOR THIS ITEM. SHADE TREE ARE USED IN THE MAIN LARGE ISLANDS, BUT WE WOULD LIKE TO USE MEDIUM TREES IN THE SMALLER ISLANDS TO AVOID UTILITIES. LARGER TREES ACCOUNTED FOR, BUT MOVED TO PERIMETER SITE. ON PARKING STRUCTURE, WE WILL USE ARBORS AND VINES IN LIEU OF TREES, TO AVOID WEIGHT, TREES WILL BE INSTALLED AT PERIMETER. (APPROVED 01/10/2023)

6.8.8.B - BUILDING LANDSCAPING
WAIVER FOR PLANTING ALONG THE PERIMETER OF THE BUILDING. APPROVED TO TAKE THE BUILDING LANDSCAPING AND PUSH IT OUT ALONG THE BUFFER AREAS AS NOTED. (APPROVED 01/10/2023)

2.21.3(C) - MAJOR SITE PLAN REVIEW AND APPROVAL PROCEDURES
CODE STATES UPON APPROVAL BY DRC, A BUILDING PERMIT MAY BE ISSUED AND SUCH APPROVAL IS AUTHORITY FOR APPLICANT TO PROCEED WITH THE SITE IMPROVEMENTS SHOWN ON THE APPROVED MAJOR SITE PLAN. WAIVER FOR RELEASE OF BUILDING PERMIT(S) HOLDS PRIOR TO APPROVAL OF THE MAJOR SITE PLAN. APPROVED THE WAIVER SUBJECT TO THE OWNER PROCEEDING AT THEIR OWN RISK. (APPROVED 02/27/2023)

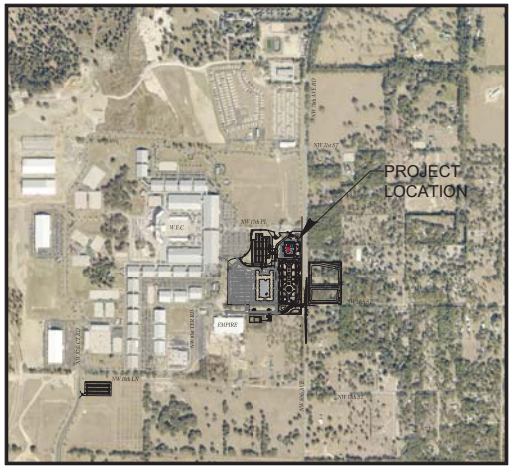
AR # 29277 APPROVED WAIVERS:
7.2.10 - GREASE INTERCEPTORS
WAIVER TO DEVIATE FROM CONVENTIONAL GREASE INTERCEPTOR CALLED OUT IN LAND DEVELOPMENT CODE SPECIFIED IN SECTION 7.2.10 AND SHOWN IN DETAIL "U710 GREASE INTERCEPTOR" OF SECTION 7.13. PROPOSED SUBSTITUTE: (A) AT GROUND LEVEL AND (2) AT LOWER BUILDING LEVEL, SCHIER GREAT BASIN MODEL GB-1000 HYDRO-MECHANICAL GREASE INTERCEPTORS PER DISCUSSIONS AND PRODUCT DATA AND CALCULATIONS PROVIDED TO MARION COUNTY BUILDING DEPARTMENT AND UTILITY DEPARTMENT STAFF. REASONING: THE FUTURE WEC EVENT CENTER/RESTAURANT WOULD REQUIRE EXCESSIVE CONVENTIONAL GREASE INTERCEPTORS. THE CONVENTIONAL GREASE TRAP METHOD WOULD REQUIRE MORE REAL-ESTATE, COST, AND CONNECTION POINTS SUSCEPTIBLE TO LEAKING THAN THE PROPOSED HYDRO-MECHANICAL UNITS. (APPROVED 01/10/2023)

6.14.2.C(2)(E)(i) -CONNECTION REQUIREMENTS
WAIVER TO DEVIATE FROM THE 1.5 X VOLUME MULTIPLIER. THE PROPOSED SCHIER GREAT BASIN MODEL GB-1000 HYDRO-MECHANICAL GREASE INTERCEPTOR SPECIFICATIONS HAS A LIFETIME GUARANTEE AND IS MADE OF SEAMLESS, 7/16" THICK, MOLDED POLYETHYLENE. IT IS UNDERSTOOD THAT THESE INTERCEPTORS HAVE LESS PROPENSITY TO LEAK THAN A CONVENTIONAL CONCRETE STRUCTURE. (APPROVED 01/10/2023)

AR # 28422 APPROVED WAIVERS:
6.13.5.C(3)- TYPES OF STORMWATER MANAGEMENT FACILITIES. APPROVED (8/8/2022) WAIVER FROM CURVILINEAR CRITERIA
6.13.6.A.3(C)- STORMWATER QUALITY CRITERIA. APPROVED (8/8/2022) WAIVER TO EXCEED MAXIMUM 6 FOOT POND DEPTH CRITERIA, BUT NOT TO EXCEED 8 FEET.
2.15.2(F) - SUBMITTAL REQUIREMENTS. APPROVED (8/8/2022) WAIVER FOR 1-YEAR DEFERRAL OF LANDSCAPE AND IRRIGATION PLAN OR UNTIL MAJOR SITE PLAN FOR RESTAURANT AND RETAIL IS SUBMITTED. SHOULD THE MAJOR SITE PLAN FAIL TO BE SUBMITTED WITHIN THE 1-YEAR TIME FRAME, THEN AN INDEPENDENT LANDSCAPE AND IRRIGATION PLAN SHALL BE REQUIRED TO BE SUBMITTED WITHIN THE SAME 1-YEAR PERIOD.

NOTES:

1. ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE MARION COUNTY LAND DEVELOPMENT CODE AND THE MARION COUNTY UTILITY MANUAL AS APPLICABLE.
2. NW 80th AVENUE IS DESIGNATED A "RURAL COLLECTOR". NW 21st STREET IS A "SECTION/QUARTER-SECTION COLLECTOR."
3. BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (FIRM), COMMUNITY PANEL NO. 12083C0484E, EFFECTIVE DATE APRIL 19, 2017 AND PANEL NO. 12083C0503E, EFFECTIVE DATE APRIL 19, 2017, THE PROPERTY DESCRIBED HEREON LIES WITHIN FLOOD ZONES "X" AND ZONE "AE", AN AREA WITHIN THE 100-YEAR FLOOD HAZARD AREA.
4. DEVELOPMENT OF THE PROPERTY AS SHOWN ON THIS SITE PLAN IS SUBJECT TO THE TERMS AND CONDITIONS OF THE "GOLDEN OCALA DEVELOPMENT OF REGIONAL IMPACT (DRI)" SCALE PROJECT PER MARION COUNTY COMPREHENSIVE PLAN FUTURE LAND USE ELEMENT POLICY 10.6.1, AS MAY BE AMENDED FROM TIME TO TIME, INCLUDING PROVISIONS REGARDING THE CONCURRENCY OF PUBLIC FACILITIES AS MAY BE APPLICABLE; REFERENCE MARION COUNTY OR BOOK 6791, PAGES 105-163 AND 1ST AMENDMENT - BOOK 7388, PAGES 861-903.
5. THIS PROJECT HAS NOT BEEN GRANTED CONCURRENCY APPROVAL AND/OR GRANTED AND/OR RESERVED ANY PUBLIC FACILITY CAPACITIES. FUTURE RIGHTS TO DEVELOP THE PROPERTY ARE SUBJECT TO A DEFERRED CONCURRENCY DETERMINATION AND FINAL APPROVAL TO DEVELOP THE PROPERTY HAS NOT BEEN OBTAINED. THE COMPLETION OF CONCURRENCY REVIEW AND/OR APPROVAL HAS BEEN DEFERRED TO LATER DEVELOPMENT REVIEW STAGES, SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEW.
6. ALL UTILITIES UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE SLEEVED IN ACCORDANCE WITH SECTION B.2.6a OF THE MARION COUNTY LAND DEVELOPMENT CODE CRITERIA.
7. THIS PROJECT IS LOCATED IN THE SECONDARY SPRINGS PROTECTION ZONE.
8. VERTICAL DATUM IS BASED ON CITY OF OCALA ENGINEERING DEPARTMENT POINT ID "COED 0006", ELEV. = 81.37' (NAVD-88).
9. NO CHANGE TO THE WORK AS SHOWN ON THE APPROVED PLANS SHALL BE MADE WITHOUT NOTIFICATION TO AND APPROVAL BY THE OFFICE OF THE COUNTY ENGINEER.
10. FOR EXTERNAL SIGNAGE, PLEASE REFER TO MASTER SIGN PLAN SUBMITTED AS PART OF THE MASTER PLAN PUD DEVELOPED FOR THE GOLDEN OCALA ESTATES AND WEC AREA.
11. BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), WITH 2011 ADJUSTMENT AS DERIVED FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION VIRTUAL REFERENCE STATION NETWORK.
12. EXISTING WELLS ARE FOUND WITHIN THE LIMITS OF THIS PROJECT. ANY EXISTING WELLS MARKED TO BE REMOVED SHALL BE PERMITTED AND PERFORMED IN ACCORDANCE WITH ABANDONED WELL PLUGGING RULE 40D-E.531(2), F.A.C. BY A FLORIDA LICENSED WATER WELL CONTRACTOR.
13. SITE PREPARATION SHALL BE IN ACCORDANCE WITH GEOTECHNICAL SITE EXPLORATIONS, AND ALL AS AMENDED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REPORTS AND IMPLEMENTING THE RECOMMENDED CONSTRUCTION SPECIFICATIONS.
14. OWNER SHALL RETAIN THE SERVICES OF A LICENSED GEOTECHNICAL ENGINEER TO OBSERVE SITE CONSTRUCTION AND PERFORM GEOTECHNICAL TESTING DURING CONSTRUCTION IN ACCORDANCE WITH MARION COUNTY L.D.R. AND THE GEOTECHNICAL REPORTS REFERENCED IN ITEM 14 ABOVE.



VICINITY MAP
SCALE: 1" = 1,000'

INDEX OF SHEETS

01.01	COVER SHEET
02.01	GENERAL NOTES
03.01	AERIAL PHOTOGRAPH
04.01-04.03	DEMOLITION PLAN
05.01a-05.01b	OVERALL SITE PLAN
05.02-05.04	GEOMETRY PLAN
06.01	MASTER DRAINAGE PLAN
06.02-06.04	SITE GRADING PLAN
07.01-07.03	DRAINAGE RETENTION AREA (DRA) DETAILS
08.01-08.02	UTILITY PLAN
08.03-08.04	UTILITY RELOCATION PLAN
09.01-09.02	ROADWAY AND PAVEMENT DETAILS
10.01-10.02	DRAINAGE DETAILS
11.01-11.02	UTILITY DETAILS
12.01-12.02	EROSION CONTROL PLAN AND DETAILS
BL.01-BL.05	BORING LOGS
L-COVER	LANDSCAPE COVER PLAN
L-0 PLAN	LANDSCAPE CALCULATIONS & TREE REMOVAL
L-1 - L.9	PLANTING PLANS
L-10	LANDSCAPE SPECIFICATION
IR-1 - IR-9	IRRIGATION PLANS
IR-10	IRRIGATION DETAILS
SL-00	SITE LIGHTING NOTES
SL-01.01 - SL-01.02	SITE LIGHTING PLAN
SL-02.01 - SL-02.02	SITE LIGHTING PLAN
SL-03.01 - SL-03.02	SITE LIGHTING PLAN
S1-S10	TOPOGRAPHIC SURVEY (BY JCH CONSULTING GROUP, INC.)

LEGAL DESCRIPTION:

A PORTION OF PARCELS 21625-002-02, 21625-002-03, 21625-002-30 LOCATED IN SECTION 7, TOWNSHIP 15 SOUTH, RANGE 20 EAST (DRA'S EAST OF NW 80th AVE) AND A PORTION OF PARCELS 21068-000-01, 21068-000-02, 21068-001-01 AND 21068-001-02 LOCATED IN SECTION 12, TOWNSHIP 15 SOUTH, RANGE 20 EAST, IN MARION COUNTY, FLORIDA.

SURVEYOR'S CERTIFICATION
I THEREBY CERTIFY THAT THE SURVEY REPRESENTED HEREON IS IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE MARION COUNTY LAND DEVELOPMENT CODE (LDC) AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS.

CHRISTOPHER J. HOWSON, P.S.M.
CERTIFICATE NO. LS 6553
STATE OF FLORIDA

APPLICANT'S/ OWNER'S CERTIFICATION
I HEREBY CERTIFY THAT I, MY SUCCESSORS AND ASSIGNS, SHALL PERPETUALLY MAINTAIN THE STORMWATER MANAGEMENT AND ASSOCIATED ELEMENTS IN WITHIN THE SPECIFICATIONS SHOWN HEREIN AND ON THE APPROVED PLAN.

MARY D. ROBERTS, VP

ENGINEER CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS AND CALCULATIONS WERE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE MARION COUNTY LAND DEVELOPMENT CODE (LDC), EXCEPT AS WAIVED.

GEORGE S. HORTON, P.E.
REGISTERED ENGINEER NO. 62585
STATE OF FLORIDA

OWNER/APPLICANT:
EQUESTRIAN OPERATIONS LLC &
ARENA HORSE SHOWS OF OCALA, LLC, &
GOLDEN OCALA EQUESTRIAN LAND, LLC
CONTACT: MARY D. ROBERTS, VP
600 GILLAM ROAD
WILMINGTON, OH 45177
PHONE: (352) 402-4368

PREPARED BY:
TILLMAN & ASSOCIATES ENGINEERING, LLC
CONTACT: GEORGE S. HORTON, P.E.
1720 SE 16th AVENUE, BLDG. 100
OCALA, FLORIDA 34471
PHONE: (352) 387-4540, FAX: (352) 387-4545

SURVEYOR:
JCH CONSULTING GROUP, INC.
CONTACT: CHRISTOPHER J. HOWSON, P.S.M.
426 SW 15th STREET
OCALA, FLORIDA 34471
PHONE: (352) 405-1482

GEOTECHNICAL CONSULTANT:
GEO-TECH, INC.
CONTACT: JONNY HEATH
1016 SE 3rd AVENUE
OCALA, FLORIDA 34471
PHONE: (352) 694-7711

ENVIRONMENTAL:
MODICA & ASSOCIATES, INC.
C/O ELAINE IMBURGLIA, PRESIDENT
302 MOHAWK ROAD
CLERMONT, FL 34715
PHONE (352) 394-2000

UTILITY COMPANIES

WATER	MARION COUNTY UTILITIES	JODY KIRKMAN, (352) 307-6000
SEWER	MARION COUNTY UTILITIES	JODY KIRKMAN, (352) 307-6000
ELECTRIC	SECO ENERGY	JERRY BOLDUC, (352) 569-9633
CABLE/PHONE/INTERNET	DIGITAL COMMUNICATION MEDIA	JORGE SANTIAGO, (352) 873-4817
	SPECTRUM	KEN POWELL, (352)-689-1065
	CENTURYLINK	JOHN PLAMONDON, (352) 425-4444
GAS	TECO (DISTRIBUTION ENGINEERING)	CHUCK HUMPHREY, (352) 401-3409
		JOAN DOMNING, (813) 275-3783

811 Know what's below. Call before you dig.

Call 48 Hours before you dig. It's the Law! 1-800-432-4770 Sunshine State One Call of Florida, Inc.

ALL CENTURYLINK FACILITIES (PEDS, MH, CABLE AND FIBER OPTIC) LOCATIONS ARE APPROXIMATE. FROM "LEVEL 0 RECORDS ONLY". CALL 811 FOR LOCATES BEFORE DIGGING.

Tillman & Associates ENGINEERING, LLC
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BQ
04/21/23	COUNTY RE-SUBMITTAL FOR AAI	

MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM.L
MARION COUNTY, FLORIDA

COVER SHEET

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 01.01

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF SIZE AND LOCATION OF ALL EXISTING UTILITIES AND RELATED CONSTRUCTION PRIOR TO COMMENCEMENT OR WORK.CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. AT 1-800-432-4770, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.
2. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST STANDARDS OF MARION COUNTY AND FDOT.
3. PAVEMENT STRIPING TO BE IN ACCORDANCE WITH MARION COUNTY SPECIFICATIONS AND WITH THE FLORIDA D.O.T. ROADWAY & TRAFFIC STANDARDS, INDEX 17346.
4. ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. WHERE MUCK OR OTHER ORGANIC MATERIAL IS FOUND, IT SHALL BE REMOVED AND REPLACED BY GOOD QUALITY BACKFILL MATERIAL OBTAINED FROM THE GRADING OPERATIONS OR OTHER SOURCE APPROVED BY THE ENGINEER. THE ORGANIC MATERIAL SHALL BE THEN USED AS TOP DRESSING WHEN MIXED WITH CLEAN SANDY SOIL.
6. ALL FINISHED GRADES AND ELEVATIONS ARE AS DENOTED BY THE APPLICABLE LEGEND.
7. AS PART OF THE CLEARING AND GRUBBING OPERATION, THE CONTRACTOR IS TO REMOVE EXISTING FACILITIES AND / OR FENCING FROM THE SITE AS SHOWN ON THE PLANS.
8. THE CONTRACTOR SHALL NOTIFY MARION COUNTY ENGINEERING DIVISION AND TILLMAN AND ASSOCIATES ENGINEERING, LLC AT LEAST ONE WEEK BEFORE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR SHALL OBTAIN A MARION COUNTY R/W PERMIT PRIOR TO COMMENCING WORK WITHIN MARION COUNTY R/W's.
9. A MINIMUM SEPARATION OF 1.5 FEET BETWEEN THE LIMEROCK BASE AND THE HIGHEST GROUNDWATER ELEVATION SHALL BE MAINTAINED WITHIN THE RIGHT-OF-WAY. CONTRACTOR TO NOTIFY ENGINEER IF 1.5 FEET OF SEPARATION IS NOT ACHIEVED.
10. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
11. PER SECTION 82-371, CODE OF ORDINANCES: FOR ANY WORK WITHIN PUBLIC RIGHT OF WAYS, A RIGHT OF WAY UTILIZATION PERMIT MUST BE OBTAINED FROM THE ENGINEERING DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
12. THE CONTRACTOR SHALL SUBMIT THREE (3) SETS OF STANDARD SHOP DRAWINGS AND MANUFACTURER'S CATALOGS WITH THE MODEL NUMBER OR TYPE OF THE ITEM ENCIRCLED OR OTHERWISE DESIGNATED. THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE UNDERGROUND UTILITY CONTRACTOR. ALL SHOP DRAWINGS AND MANUFACTURER'S CATALOGS SHALL BE APPROVED BY THE ENGINEER OF RECORD AND THE UTILITY OWNER PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR SHALL SUBMIT THREE (3) SETS OF COMPLETE DETAILED SHOP DRAWINGS FOR ALL SANITARY MANHOLES, WET WELLS, OTHER CASTINGS, AND PUMPS. THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE UNDERGROUND UTILITY CONTRACTOR ON EACH SHEET. A COMPLETE SET OF THE LIFT STATION ELECTRICAL SHOP DRAWINGS IS ALSO REQUIRED IF APPLICABLE. ALL UTILITY SHOP DRAWINGS SHALL BE APPROVED BY THE ENGINEER OF RECORD AND THE UTILITY OWNER PRIOR TO CONSTRUCTION.

PAVING AND DRAINAGE NOTES

1. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCE BETWEEN CENTERLINES OF DRAINAGE STRUCTURES.
2. DITCH BOTTOM AND CONTROL STRUCTURE INLET GRATES SHALL BE RETICULINE AND SECURED WITH CHAIN AND EYEBOLT.
3. FIVE (5) FEET OF SOD IS REQUIRED AROUND ALL DITCH BOTTOM INLETS, MANHOLES, HEADWALLS AND MITERED END SECTIONS.
4. TOP ELEVATIONS OF MANHOLES IN GRASSED AREAS SHALL BE LOCATED AT FINISHED GRADE ELEVATION.
5. AS AN ALTERNATIVE, CONTRACTOR MAY USE ALTERNATIVE PIPE MATERIALS IN LIEU OF RCP. HOWEVER, CONTRACTOR MUST RECEIVE APPROVAL OF ALTERNATIVE PIPE MATERIALS IN WRITING BY MARION COUNTY AND TILLMAN & ASSOCIATES ENGINEERING, LLC PRIOR TO CONSTRUCTION.
6. TOP SOIL WHICH HAS BEEN STRIPPED AND STOCK PILED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED ON ALL REGRADED SURFACES SO AS TO PROVIDE AT LEAST FOUR INCHES OF EVEN COVER TO ALL DISTURBED AREAS OF THE DEVELOPMENT AND SHALL BE STABILIZED BY SEEDING OR PLANTING
7. ALL DISTURBED AREAS WITH SLOPES UP TO 6:1 SHALL BE SEEDED AND MULCHED. SLOPES STEEPER THAN 6:1 SHALL BE SODDED AND SLOPES 3:1 OR STEEPER SHALL HAVE SOD PEGGED.
8. SEE TABLE 2.0 FOR REQUIRED STORM PIPE COVER BENEATH AN UNPAVED SECTION.
9. SEE TABLE 3.0 FOR REQUIRED STORM PIPE COVER BENEATH RIGID PAVEMENT.
10. SEE TABLE 4.0 FOR REQUIRED STORM PIPE COVER BENEATH FLEXIBLE PAVEMENT
11. THE TABULATED VALUES ARE RECOMMENDED MINIMUM DIMENSIONS TO WITHSTAND ANTICIPATED HIGHWAY TRAFFIC LOADS. ADDITIONAL COVER MAY BE REQUIRED TO SUPPORT CONSTRUCTION EQUIPMENT LOADS OR HIGHWAY TRAFFIC LOADS BEFORE PAVEMENT IS COMPLETED. SOME SIZE THICKNESS COMBINATIONS MAY REQUIRE MINIMUM COVER GREATER THAN THOSE LISTED ABOVE. SEE FDOT INDEX 205, SHEETS 1-6.
12. ALL RCP STORM WATER PIPE SHALL MEET THE COVER & CLASS CRITERIA AS OUTLINED IN FDOT STANDARD PLANS, LATEST EDITION.
13. ALL STORM PIPE JOINTS SHALL BE WRAPPED AS SPECIFIED IN FDOT INDEX 280.
14. THE LAST FOOT OF STORM WATER POND SHALL NOT BE EXCAVATED UNTIL ALL DISTURBED AREAS ARE STABILIZED.
15. ANY FILL MATERIAL MUST BE APPROVED BY ENGINEER IN WRITING PRIOR TO PLACEMENT.
16. SIGNIFICANT CARE MUST BE TAKEN WHEN GRADING RETENTION PONDS TO ENSURE THAT POND BOTTOMS DO NOT BECOME COMPACTED DURING CONSTRUCTION OR SEALED BY CONSTRUCTION SEDIMENT. IF SEDIMENTATION OR COMPACTION OF A POND BOTTOM OCCURS, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE THE DESIGN HYDRAULIC CONDUCTIVITY.

SANITARY SEWER NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE MARION COUNTY MANUAL OF STANDARD SPECIFICATIONS FOR WASTEWATER CONSTRUCTION.
2. ALL SANITARY SEWER CONSTRUCTION AND MATERIALS TO BE PRIVATELY OWNED AND MAINTAINED.
3. ALL MANHOLES SHALL BE 4 FT. INSIDE DIAMETER.
4. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN MANHOLE CENTERLINE.
5. ALL SANITARY SERVICE LATERALS SHALL BE 6 INCH DIAMETER, UNLESS SPECIFIED OTHERWISE ON PLANS.
6. INVERTS OF SANITARY SERVICE LATERALS AT THEIR CONNECTION TO SANITARY MANHOLES SHALL BE NO MORE THAN ONE (1) FOOT ABOVE THE MANHOLE INVERT.
7. MINIMUM AS BUILT 8" PVC SEWER LINE SLOPE WILL BE 0.40% MINIMUM SLOPE OR WILL BE RELAID BY CONTRACTOR TO MEET THE MINIMUM SLOPE REQUIREMENT AT NO ADDITIONAL COST.
8. MARK LATERALS WITH 4" X 4" X 8' PT POST PAINTED GREEN ON END.
9. PIPE MATERIAL IS ASTM D3034, SDR-26 UNLESS OTHERWISE NOTED.
10. A MINIMUM 1.04% SLOPE SHALL BE MAINTAINED ON THE SANITARY SEWER SERVICE LATERALS. AT NO TIME SHALL A SANITARY SEWER LATERAL HAVE A SLOPE OF 15% OR GREATER.
11. SANITARY SEWER GRAVITY MAINS ARE TO BE UPGRADED IN MATERIAL TO WATER MAIN STANDARDS AND HYDROSTATICALLY PRESSURE TESTED WITH WATER TO ENSURE JOINT TIGHTNESS IF EITHER OF THE HORIZONTAL OR VERTICAL MINIMUM REQUIRED CLEARANCE FROM A WATER MAIN CANNOT BE MAINTAINED OR IF THE SEWER MAIN IS ABOVE THE WATER MAIN. UPGRADE TO MATERIAL CANNOT BE MADE WITHOUT PRIOR APPROVAL FROM FDEP.
12. LEAKAGE TEST ARE SPECIFIED REQUIRING THAT
   A) THE LEAKAGE EXFILTRATION OR INFILTRATION DOES NOT EXCEED 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY FOR ANY SECTION OF THE SYSTEM.
   B) EXFILTRATION OR INFILTRATION TESTS BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET
   C) AIR TESTS, AS MINIMUM, CONFORM TO THE TEST PROCEDURE DESCRIBED IN ASTM C-924 FOR CONCRETE PIPE, ASTM F-1417 FOR PLASTIC PIPE AND FOR OTHER MATERIALS APPROPRIATE TEST PROCEDURES. AIR TESTING, IF SPECIFIED FOR CONCRETE SEWER MANHOLES, CONFORMS TO THE TEST PROCEDURES DESCRIBED IN ASTM C-1244.
13. DEFLECTION TESTS SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES, CHAPTER 10.8.6. FOR ALL GRAVITY SANITARY SEWER LINES. TESTING IS REQUIRED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM.TESTING REQUIREMENTS SPECIFY:
   1) NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
   2) USING A RIGID BALL OR MANDREL FOR THE PIPE DEFLECTION TESTS WITH A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE, DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED.
   3) PERFORMING THE TEST WITHOUT MECHANICAL PULLING DEVICES.
14. TESTING OF THE SEWAGE COLLECTION SYSTEM IS AS FOLLOWS:
   A. ALL GRAVITY SEWER MAINS REQUIRE LOW PRESSURE AIR TESTING IN ACCORDANCE WITH THE LATEST UNI-BELL STANDARD FOR LOW PRESSURE AIR TESTS. AIR TEST, AS A MINIMUM, SHALL CONFORM TO THE TEST PROCEDURES DESCRIBED IN ASTM SPECIFICATIONS, ASTM F1417 FOR PLASTIC PIPE.
   B. ALL SEWER MAINS SHALL BE LAMPED IN THE PRESENCE OF A TILLMAN & ASSOCIATES ENGINEERING, LLC REPRESENTATIVE.
   C. ALL MANHOLES SHALL BE INSPECTED FOR INFILTRATION, ALIGNMENT, FLOW CHANNEL CONSTRUCTION AND COAL TAR EPOXY PAINT THROUGHOUT.
   D. HYDRO-STATIC TESTS CONSISTING OF A HYDROSTATIC PRESSURE TEST AND HYDROSTATIC LEAKAGE TEST SHALL BE CONDUCTED ON ALL NEWLY INSTALLED SEWER FORCE MAIN SYSTEM PRESSURE PIPES AND APPURTENANCES IN ACCORDANCE WITH AWWA C600 OR M23 AS APPLICABLE. THE PRESSURE SHALL BE 150 PSI FOR TWO (2) HOURS.
   E. DEFLECTION TEST ARE REQUIRED FOR ALL FLEXIBLE PIPE EXCLUDING FORCE MAINS. TESTS SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.0 MEASURED FROM THE INTERFACE TO THE CONCRETE CURB AND PAVEMENT SURFACE UNLESS OTHERWISE NOTED.
15. SANITARY SEWER SERVICES SHALL BE INSTALLED 10' FROM BACK OF CURB.

WATER MAIN CONSTRUCTION NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN COMPLIANCE WITH AWWA STANDARDS AS WELL AS THE MARION COUNTY MANUAL OF STANDARDS AND SPECIFICATIONS FOR WATER MAIN CONSTRUCTION.
2. ALL WATER MAIN CONSTRUCTION AND MATERIALS TO BE PRIVATELY OWNED AND MAINTAINED.
3. SEPARATION REQUIREMENTS (SEE TABLE 1.0-UTILITY SEPARATIONS)
   2.1. HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS, SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS:
   2.1.1. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST 3' BETWEEN 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.
   2.1.2. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST 3' AND PREFERABLY 10' BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
   2.1.3. NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST 6' AND PREFERABLY 10' BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610 F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO 3' WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6" ABOVE THE TOP OF THE SEWER.
   2.2. VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS OR RECLAIMED WATER PIPELINES:
   2.2.1. NEW OR RELOCATED UNDERGROUND WATER MAINS CROSSING ANY GRAVITY OR VACUUM-TYPE SANITARY SEWER PIPE SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 6" AND PREFERABLY 12" ABOVE OR AT LEAST 12" BELOW THE OUTSIDE OF THE OTHER PIPE. IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
   2.2.2. NEW OR RELOCATED UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR STORM WATER FORCE MAIN OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12" ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
   2.2.3. AT THE UTILITY CROSSINGS DESCRIBED IN THE ABOVE PARAGRAPHS, ONE 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 3' 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 6' 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..
   2.3. NO WATER MAIN SHALL PASS THROUGH OR COME INTO CONTACT WITH ANY PART OF A SANITARY SEWER MANHOLE OR A STORM SEWER MANHOLE.
   2.4. NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST 3' FROM ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN OR PIPELINE CONVERING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AT LEAST 3' PREFERABLY 10' FROM ANY EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR PIPELINE CONVERTING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. AND AT LEAST 10' FROM ANY EXISTING OR PROPOSED ON SITE SEWAGE TREATMENT OR DISPOSAL SYSTEM AS DEFINED IN SECTION 381.0065(2), F.S. AND RULE 64E-6.002, F.A.C..
   2.5. EXCEPTIONS / MITIGATION:
      ADHERENCE TO THE ABOVE CONSTRAINTS AND SEPARATIONS IN THE ABOVE ITEMS SHALL BE COMPLIED WITHOUT EXCEPTION. IF FOR SOME REASON WHERE IT IS NOT TECHNICALLY FEASIBLE OR ECONOMICALLY SENSIBLE THAT THE ABOVE CRITERIA CANNOT BE COMPLIED WITH, CONTRACTOR IS TO STOP WORK AND NOTIFY THE ENGINEER OF RECORD FOR THE APPROPRIATE SOLUTION. THE SOLUTION WILL BE SUBMITTED TO THE DEPARTMENT FOR ENVIRONMENTAL PROTECTION FOR APPROVAL PRIOR TO WORK COMMENCEMENT.
4. PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN FITTINGS OF BRANCHES AND MAINS.
5. DEFLECTIONS AT PIPE JOINTS SHALL NOT EXCEED THOSE RECOMMENDED BY THE PIPE MANUFACTURER.
6. ALL GATE VALVES SHALL BE EQUIPPED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH COVER, WITH THREADED EXTENSION WHERE NEEDED.
7. ALL PUBLIC WATER SYSTEMS COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT SHALL BE INSTALLED UNDER THIS PROJECT, AND THAT SHALL COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NSF INTERNATIONAL STANDARD 61 AND SHALL BE MARKED WITH NSF SEAL OF APPROVAL.
8. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE COLOR CODED MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, F.A.C., USING BLUE AS A PREDOMINANT COLOR. ALL DUCTILE IRON WATER MAINS SHALL BE MARKED WITH A CONTINUOUS STRIPE LOCATED WITHIN THE TOP 90 DEGREES OF THE PIPE. SAID STRIPE SHALL BE A MINIMUM 2 INCHES IN WIDTH AND SHALL BE BLUE IN COLOR IF PAINT IS USED INSTEAD OF TAPE. BACKFILL SHALL NOT BE PLACED FOR 30 MINUTES FOLLOWING PAINT APPLICATION. FOR PIPE WITH AN INTERNAL DIAMETER OF 24" OR GREATER, TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE.
9. ALL NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS, INSULATED 14 GAUGE COPPER WIRE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. SEE STANDARD DRAWINGS. IN ADDITION, ALL PVC WATER MAINS SHALL BE A SOLID COLOR.
10. MARK DRINKING WATER SERVICES WITH 4" x 4" x 8' PT POST PAINTED BLUE ON END.
11. PIPE MATERIALS: ALL PIPES, PIPE FITTINGS, PIPE JOINT PACKING AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS INSTALLED UNDER THIS PROJECT SHALL CONFORM TO APPLICABLE AWWA STANDARDS.
   A. PVC WATER MAINS 4 INCHES TO 12 INCHES SHALL BE IN ACCORDANCE WITH AWWA C900, LATEST EDITION AND SHALL BE DR18. PVC WATER MAINS 14 INCHES TO 36 INCHES SHALL BE IN ACCORDANCE WITH AWWA C905, LATEST EDITION AND SHALL BE DR18. PVC PIPES LESS THAN 4 INCHES ARE NOT ALLOWED IN MARION COUNTY. IN OTHER JURISDICTIONS, THEY SHALL BE IN ACCORDANCE WITH ASTM D1785 (SCHEDULE 40, 80, 120) OR ASTM D2241 SDR 21. MINIMUM WORKING PRESSURE FOR ALL PVC SHALL BE 150 PSI. ALL PVC PIPE SHALL HAVE THE SAME O.D. AS DUCTILE IRON PIPE. PVC PIPE JOINTS SHALL BE IN ACCORDANCE WITH ASTM D3139 AND AWWA STANDARDS.
   B. DUCTILE IRON PIPE SHALL CONFORM TO ANSI A21.51/AWWA C151 AND SHALL BE A MINIMUM OF CLASS 50. DUCTILE IRON JOINTS SHALL BE IN ACCORDANCE WITH ANSI A21.11 AND AWWA C111.
   C. ALL SERVICES SHALL BE POLYETHYLENE TUBING, CLASS 160 AND SHALL BE IN ACCORDANCE WITH AWWA C901.
12. WATER MAIN CONNECTIONS TO PUBLICLY OWNED AND MAINTAINED WATER UTILITIES SHALL BE MADE UNDER THE SUPERVISION OF THE MARION COUNTY ENGINEERING DIVISION AND MARION COUNTY UTILITIES DEPARTMENT. ALL PUBLIC OWNED VALVES SHALL BE OPERATED BY MARION COUNTY UTILITIES DEPARTMENT PERSONNEL ONLY. ALL WATER MAINS ARE TO BE DISINFECTED PER AND AWWA C651-92 AND MARION COUNTY UNDERDEVELOPMENT CODE OF STANDARDS AND SPECIFICATIONS FOR WASTEWATER AND WATER MAIN CONSTRUCTION SECTION 51.6 WHICH INCLUDES A FULL FLUSH.
13. ALL VALVES SHALL BE LOCATED IN NON PAVED AREAS, UNLESS SPECIFIED ON PLANS.
14. FIRE HYDRANT LEADS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 6" AND SHALL INCLUDE AN AUXILIARY VALVE.
15. IF AGGRESSIVE SOIL CONDITIONS ARE FOUND DURING CONSTRUCTION, WATER MAINS SHALL BE PROTECTED THROUGH THE USE OF CORROSION RESISTANT MATERIALS, THROUGH ENCASEMENT OF THE WATER MAINS IN POLYETHYLENE, OR THROUGH PROVISION OF CATHODIC PROTECTION.
16. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE "LEAD FREE" AS DEFINED IN THE LATEST VERSION OF THE SAFE WATER DRINKING ACT.
17. WHERE NEW OR ALTERED DEAD-END WATER MAINS INCLUDED IN THIS PROJECT CANNOT BE AVOIDED, THEY SHALL BE PROVIDED WITH A FIRE FLUSHING HYDRANT OR BLOW-OFF FOR FLUSHING PURPOSES.
18. ALL FIRE HYDRANTS THAT WILL BE INSTALLED UNDER THIS PROJECT SHALL BE LOCATED AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., OR VACUUM - TYPE SANITARY SEWER. AT LEAST SIX FEET FROM ANY EXISTING OR PROPOSED GRAVITY - OR PRESSURE - TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
19. PROPOSED FIRE HYDRANTS CONNECTED TO THE PROPOSED WATER MAIN, FOR THIS PROJECT, SHALL BE PAINTED PER NFPA AND AWWA STANDARDS. FIRE HYDRANTS CONNECTED TO THE DESIGNATED FIRE LINE SHALL BE PAINTED PER JURISDICTION.
20. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, F.A.C., USING BLUE AS A PREDOMINANT COLOR. UNDERGROUND PLASTIC PIPE WILL BE SOLID-WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR EXTRUDED TO, THE PIPE WALL, AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPED APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.] [FAC 62-555.320(21)(b)3].
21. THE OPEN END OF THE AIR RELIEF PIPE FROM ALL AUTOMATIC AIR RELIEF VALVES WILL BE EXTENDED TO AT LEAST ONE FOOT ABOVE GRADE AND WILL BE PROVIDED WITH A SCREENED, DOWNWARD-FACING ELBOW. [FAC 62-555.320(21)(b)3, AND RSWW 8.4.2]
22. A CONTINUOUS AND UNIFORM BEDDING WILL BE PROVIDED IN TRENCHES FOR UNDERGROUND PIPE; BACKFILL MATERIAL WILL BE TAMPED IN LAYERS AROUND UNDERGROUND PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE; AND UNSUITABLE SIZED STONES [AS DESCRIBED IN APPLICABLE AWWA STANDARDS OR MANUFACTURERS' RECOMMENDED INSTALLATION PROCEDURES] FOUND IN TRENCHES WILL BE REMOVED FOR A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF UNDERGROUND PIPE. [FAC 62-555.320(21)(b)3, AND RSWW 8.5.2]
23. ALL WATER MAIN TEES, BENDS, PLUGS, AND HYDRANTS WILL BE PROVIDED WITH THRUST BLOCKS OR RESTRAINED JOINTS TO PREVENT MOVEMENT. [FAC 62-555.320(21)(b)3, AND RSWW 8.5.4]
24. NEW OR ALTERED WATER MAIN INSTALLATION AND PRESSURE AND LEAKAGE TESTING, SHALL BE PROVIDED IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS. PVC WATER MAIN INSTALLATION AND TESTING SHALL CONFORM TO AWWA C605. DUCTILE IRON WATER MAIN INSTALLATION AND TESTING SHALL CONFORM TO AWWA C600.
25. NEW OR ALTERED WATERMAINS, INCLUDING FIRE HYDRANT LEADS AND SERVICE LINES THAT WILL BE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER, SHALL BE DISINFECTED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH AWWA C651.
26. THE MINIMUM COVER TO BE PROVIDED OVER POTABLE WATER LINES SHALL BE 3'. RSWW 8.7.3
27. WATER SERVICES SHALL BE INSTALLED 10' FROM BACK OF CURB.

FORCE MAIN NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN COMPLIANCE WITH THE MARION COUNTY MANUAL OF STANDARDS AND SPECIFICATIONS FOR FORCE MAIN CONSTRUCTION.
2. ALL FORCE MAIN CONSTRUCTION AND MATERIALS TO BE PRIVATELY OWNED AND MAINTAINED.
3. PIPE LENGTHS SHOWN IN REPRESENT SCALED DISTANCES BETWEEN FITTINGS OF BRANCHES AND MAINS.
4. DEFLECTIONS AT PIPE JOINTS SHALL NOT EXCEED THOSE RECOMMENDED BY THE PIPE MANUFACTURER.
5. VALVES SHALL BE EQUIPPED WITH AN ADJUSTABLE CAST IRON VALVE BOX WITH COVER, WITH THREADED EXTENSION WHERE NEEDED. UNLESS OTHERWISE NOTED.
6. ALL PVC FORCE MAIN SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS, MARKED WITH THE SEAL OF APPROVAL OF THE NATIONAL SANITATION FOUNDATION (NSF).
7. ALL NON-METALLIC FORCE MAINS SHALL BE INSTALLED WITH A CONTINUOUS, INSULATED 14 GAUGE COPPER WIRE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. SEE STANDARD DRAWINGS. IN ADDITION, ALL PVC FORCE MAINS SHALL BE EITHER A SOLID GREEN COLOR OR WHITE WITH GREEN LETTERING. ALL LETTERING SHALL APPEAR LEGIBLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS IS ACCEPTABLE FOR THE INTENDED USE.
8. HYDROSTATIC & LEAKAGE TESTING OF THE FORCE MAIN SHALL BE DONE IN ACCORDANCE WITH THE AWWA STANDARDS. HYDROSTATIC TESTING TO BE DONE IN ACCORDANCE WITH AWWA C-600.
9. PIPE MATERIALS:
   PVC - SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C900, LATEST EDITION. THE PVC SHALL HAVE A MINIMUM WORKING PRESSURE OF 100 PSI AND SHALL HAVE A DIMENSION RATIO (DR) OF 18 UNLESS OTHERWISE NOTED. PIPE SHALL BE THE SAME O.D. AS DUCTILE IRON PIPE. PVC JOINT - SHALL BE IN ACCORDANCE WITH ASTM D3139. DUCTILE IRON JOINT - SHALL BE IN ACCORDANCE WITH ANSI A21.11 AND AWWA C111.
10. AIR RELEASE VALVES SHALL BE REQUIRED AT ALL HIGH POINTS IN THE PROPOSED FORCE MAIN, AS SHOWN ON PLANS. HIGH POINTS IN THE FORCE MAIN ARE DEFINED AS A CHANGE IN ELEVATION TWICE THE DIAMETER OF THE PIPE.
11. ALL FORCE MAINS TO BE CONSTRUCTED WITH A MINIMUM OF 3' FEET OF COVER.
12. SANITARY SEWER GRAVITY MAINS ARE TO BE UPGRADED IN MATERIAL TO WATER MAIN STANDARDS AND HYDROSTATICALLY PRESSURE TESTED WITH WATER TO ENSURE JOINT TIGHTNESS IF EITHER OF THE HORIZONTAL OR VERTICAL MINIMUM REQUIRED CLEARANCE FROM A WATER MAIN CANNOT BE MAINTAINED OR IF THE SEWER MAIN IS ABOVE THE WATER MAIN.
13. TESTING OF THE SEWAGE COLLECTION SYSTEM IS AS FOLLOWS:
   HYDRO-STATIC TESTS CONSISTING OF A HYDROSTATIC PRESSURE TEST AND HYDROSTATIC LEAKAGE TEST SHALL BE CONDUCTED ON ALL NEWLY INSTALLED SEWER FORCE MAIN SYSTEM PRESSURE PIPES AND APPURTENANCES IN ACCORDANCE WITH AWWA C600 OR M23 AS APPLICABLE. THE PRESSURE SHALL BE 150 PSI FOR TWO (2) HOURS.

FIRE DEPARTMENT NOTES

1. THIS PROJECT WILL BE CONSTRUCTED UNDER THE 7TH EDITION OF FLORIDA FIRE PREVENTION CODE.
2. PER MARION COUNTY CRITERIA:
   FIRE HYDRANTS MUST BE LOCATED SO AS NOT TO REQUIRE THE LAYING OF M

NOTES:
1. TEMPORARY DEVELOPMENTS WILL BE REMOVED AND DISTURBED AREAS SEEDED OR SODDED AT THE END OF CONSTRUCTION.
2. ALL FUTURE DEVELOPMENT WILL BE DESIGNED AND PERMITTED SEPARATELY.

SCALE IN FEET
1" = 100'

PROJECT BOUNDARY

EXISTING W.E.C. ARENA-3
EXISTING W.E.C. ARENA-2
EXISTING W.E.C. ARENA-1
EXISTING W.E.C. ARENA-4
EXISTING W.E.C BARN B
EXISTING W.E.C. BARN A
EXISTING W.E.C. BARN R
EXISTING W.E.C. BARN S
EXISTING DRA-1
EXISTING DRA-2
EXISTING DRA-3
EXISTING PARKING
EXISTING EMPIRE BUILDING
FUTURE W.E.C. MEDICAL/RETAIL
EQUESTRIAN OPERATIONS LLC PARCEL # 21068-001-01 ZONING: PUD FLU: MR
EQUESTRIAN OPERATIONS LLC PARCEL # 21068-000-02 ZONING: PUD FLU: MR
EQUESTRIAN OPERATIONS LLC PARCEL # 21068-000-01 ZONING: PUD FLU: MR
HOFFMAN NORBERT G PARCEL # 21625-000-29 ZONING: A1 FLU: RL
WICHMANN KIMBERLY PARCEL # 21625-002-28 ZONING: A1 FLU: RL
GOLDEN OCALA EQUESTRIAN LAND LLC PARCEL # 21625-002-30 ZONING: A1 FLU: RL
GOLDEN OCALA EQUESTRIAN LAND LLC PARCEL # 21625-002-02 ZONING: A1 FLU: RL
GOLDEN OCALA EQUESTRIAN LAND LLC PARCEL # 21625-000-08 ZONING: A1 FLU: RL
GOLDEN OCALA EQUESTRIAN LAND LLC PARCEL # 21068-001-02 ZONING: PUD FLU: MR
PROPOSED DRA-14 BOS
PROPOSED DRA-14 BOS
PROPOSED ONE-WAY RAMP DOWN TO LOWER LEVEL
PROPOSED DRIVEWAY CONNECTION
PROPOSED DRIVEWAY
PROPOSED GENERATOR & TRANSFORMER
PROPOSED COVERED PATIO
PROPOSED MULTI-STORY RESTAURANT & EVENT CENTER BUILDING
PROPOSED OUTDOOR PATIO
PROPOSED DROP-OFF & FIRE TRUCK ACCESS
PROPOSED PARKING DECK OVER DRA #2
PROPOSED DRIVE
PROPOSED PARKING DECK CONNECTION POINT
PROPOSED DRIVEWAY CONNECTION
PROPOSED PARKING DECK CONNECTION POINT
PROPOSED ONE-WAY RAMP UP TO COURT LEVEL
FUTURE RETAIL (8-9) BUILDINGS, PAVERS, AND PAVEMENT (TO BE DESIGNED & PERMITTED SEPARATELY)
EXISTING HOTEL PARKING & DRIVE AISLE
FUTURE RETAIL PARKING & DRIVE AISLE
EXISTING EXTENDED STAY HOTEL
PROPOSED DRIVEWAY CONNECTION
STORMWATER CATCHMENT AREA
STORMWATER CATCHMENT AREA
EXISTING EXTENDED STAY HOTEL DRIVEWAY
PROPOSED DRIVEWAY CONNECTION
EXISTING LIFT STATION #13
PROPOSED CHILLER BUILDING
POST CHILLER BUILDING
PROPOSED DRIVEWAY CONNECTION AT NW 80th AVE
N.W. 17th PL
N.W. 15th LOOP
N.W. 17th LN
N.W. 14th ST
N.W. 80th TER RD
N.W. 83rd TER
N.W. 83rd LOOP
N.W. 80th AVE

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
10/12/23	COUNTY RE-SUBMITTAL FOR RAI	RQ

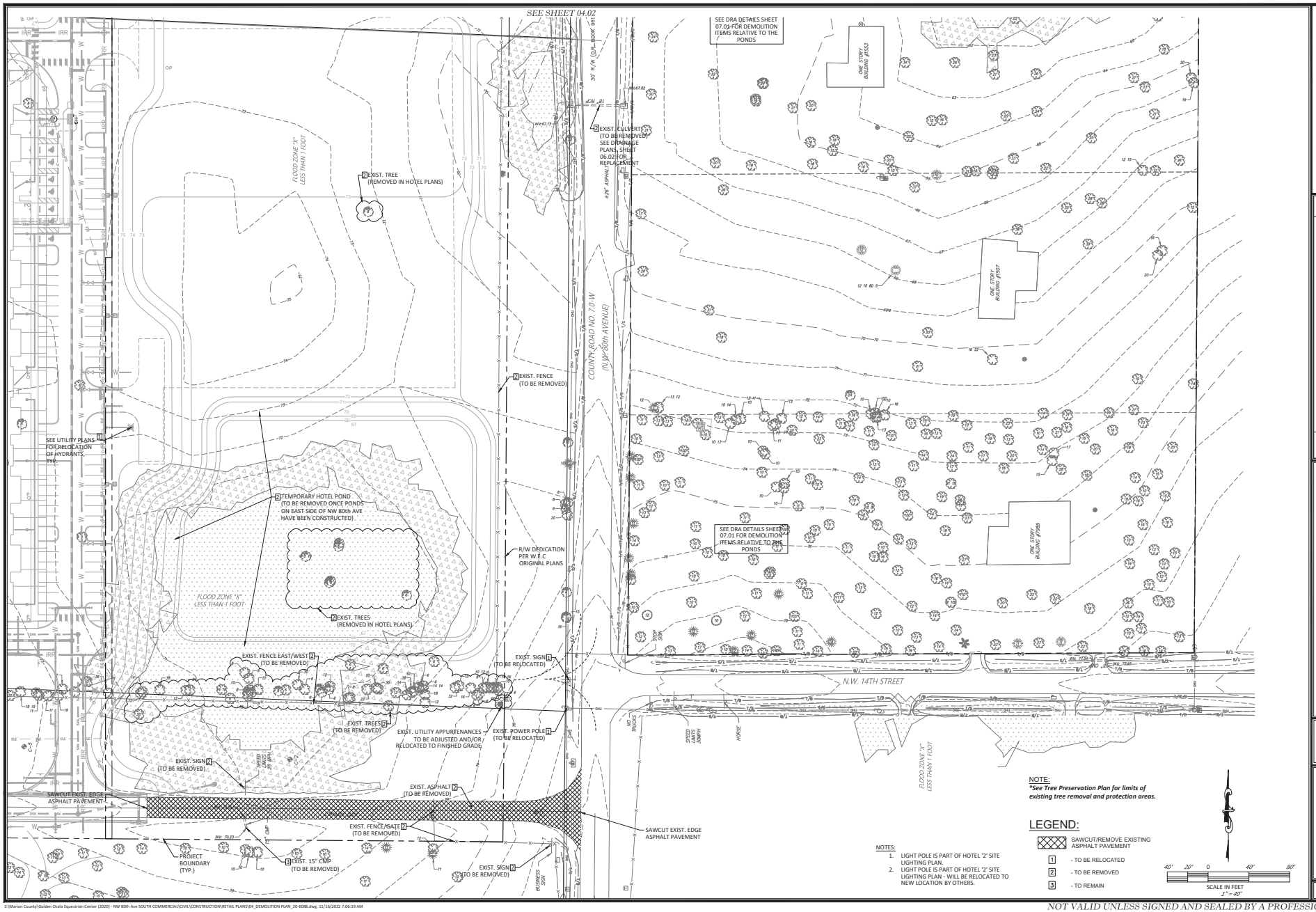
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

AERIAL PHOTOGRAPH

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 03.01

NOT VALID UNLESS SIGNED AND SEALED



Tillman & Associates ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

REVISIONS

DATE

MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L
MARION COUNTY, FLORIDA

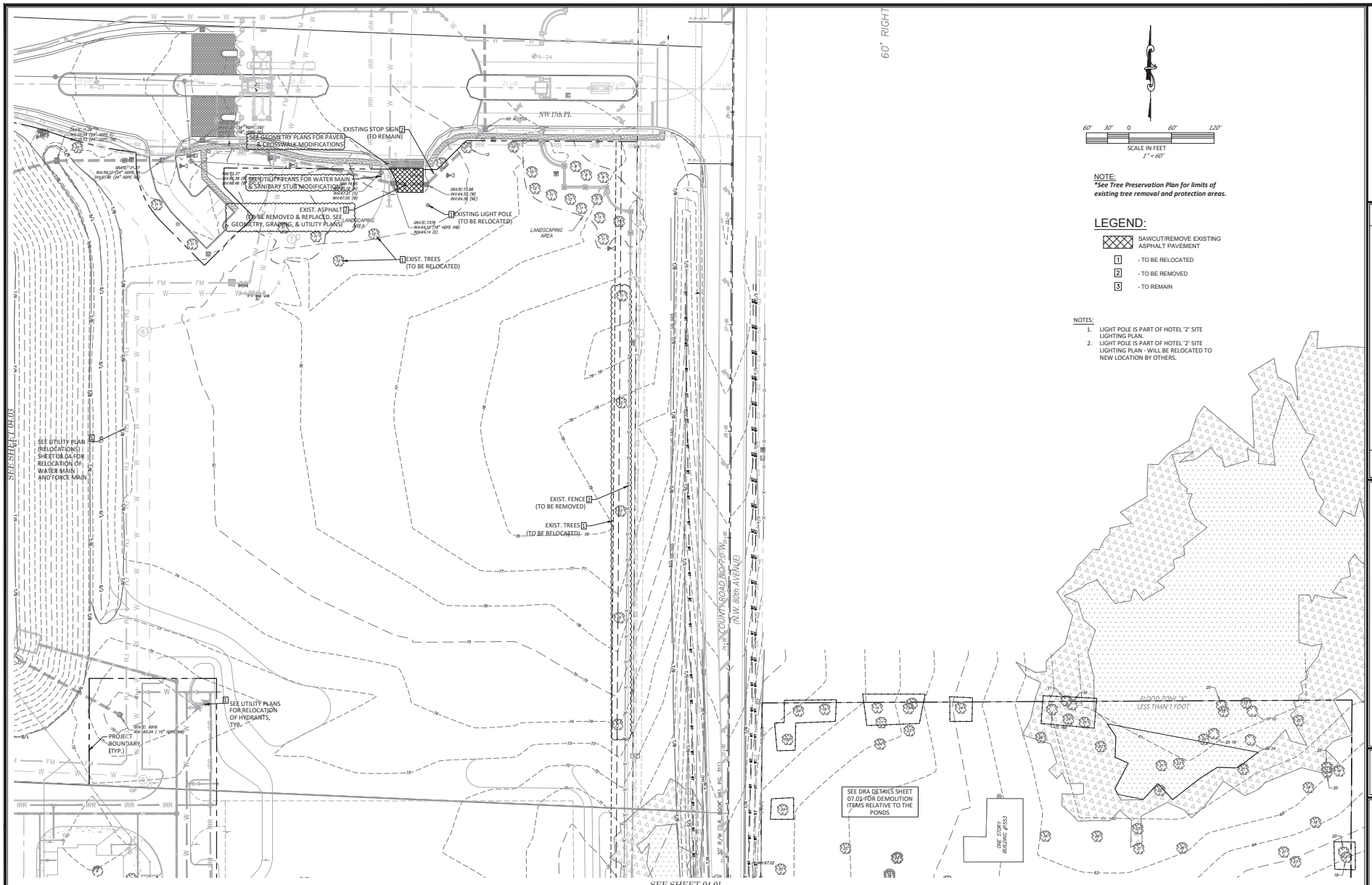
DEMOLITION PLAN

DATE 11/16/22
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 04.01

S:\Marion County\Golden Ocala Equestrian Center (2020) - NW 80th Ave SOUTH COMMERCIAL\CIVIL\CONSTRUCTION\RETAIL PLANS\04_DEMOLITION PLAN_20-6088.dwg, 11/16/2022 7:06:19 AM

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



60' 30' 0 60' 120'

SCALE IN FEET
1" = 60'

NOTE:
***See Tree Preservation Plan for limits of existing tree removal and protection areas.**

LEGEND:

- SAWCUT/REMOVE EXISTING ASPHALT PAVEMENT
- 1 - TO BE RELOCATED
- 2 - TO BE REMOVED
- 3 - TO REMAIN

NOTES:
1. LIGHT POLE IS PART OF HOTEL '2' SITE LIGHTING PLAN.
2. LIGHT POLE IS PART OF HOTEL '2' SITE LIGHTING PLAN - WILL BE RELOCATED TO NEW LOCATION BY OTHERS.

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

REVISIONS

DATE		
04/21/23	NORTHERN ENTRANCE MODIFICATIONS	RQ
06/21/23	COUNTY RE-SUBMITTAL FOR RAI-1	RQ

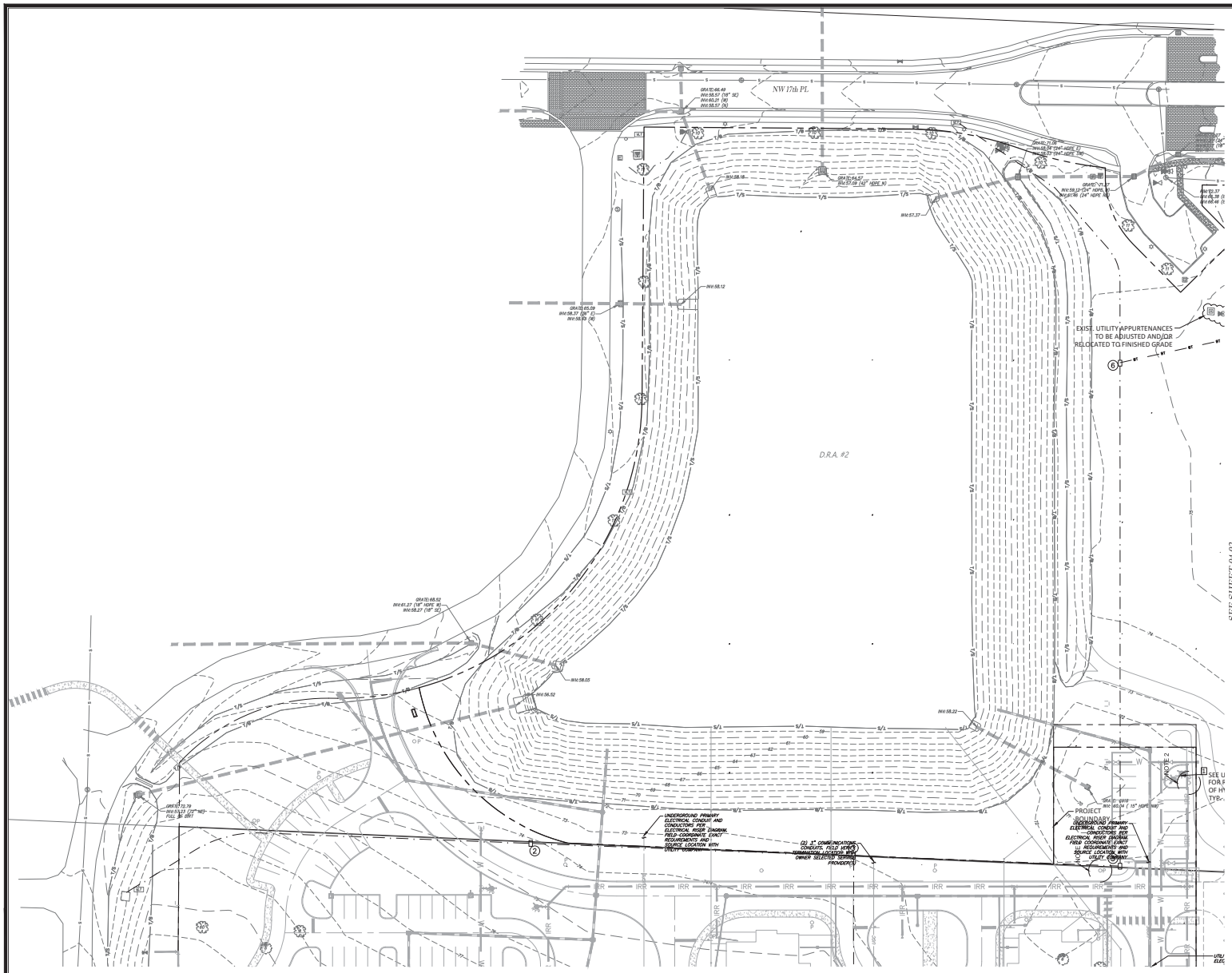
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM.
MARION COUNTY, FLORIDA

DEMOLITION PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 04.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



60' 30' 0 60' 120'

SCALE IN FEET
1" = 60'

NOTE:
See Tree Preservation Plan for limits of existing tree removal and protection areas.

LEGEND:

- SAWCUT/REMOVE EXISTING ASPHALT PAVEMENT
- 1 - TO BE RELOCATED
- 2 - TO BE REMOVED
- 3 - TO REMAIN

NOTES:
1. LIGHT POLE IS PART OF HOTEL '2' SITE LIGHTING PLAN.
2. LIGHT POLE IS PART OF HOTEL '2' SITE LIGHTING PLAN - WILL BE RELOCATED TO NEW LOCATION BY OTHERS.

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

REVISIONS

DATE:

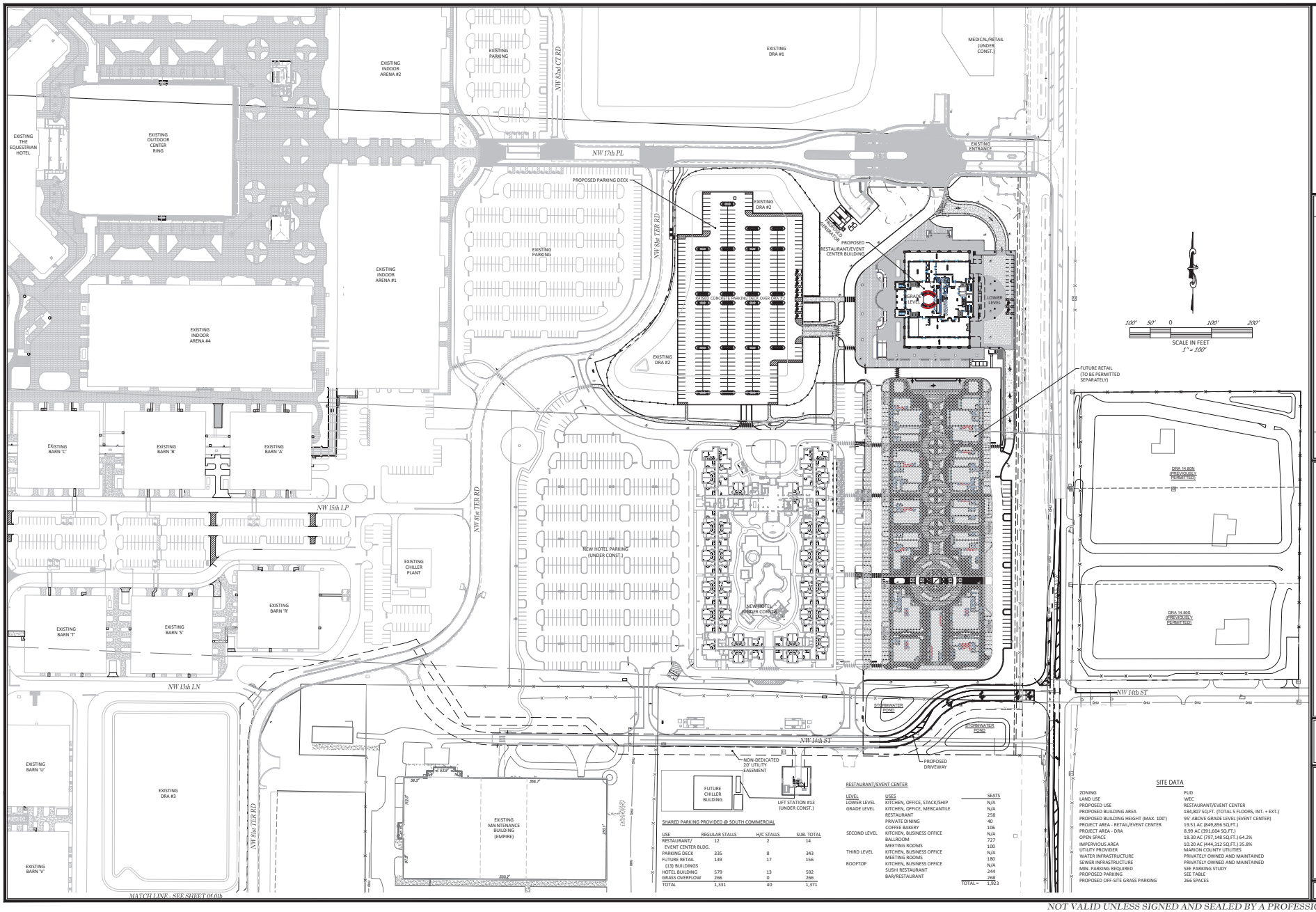
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

DEMOLITION PLAN

DATE 11/16/22
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 04.03

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



SHARED PARKING PROVIDED @ SOUTH COMMERCIAL

USE	REGULAR STALLS	H/C STALLS	SUB. TOTAL
RESTAURANT/ EVENT CENTER BLDG.	12	2	14
PARKING DECK	335	8	343
FUTURE RETAIL	139	17	156
(13) BUILDINGS			
HOTEL BUILDING	579	13	592
GRASS OVERFLOW	266	0	266
TOTAL	1,331	40	1,371

RESTAURANT/EVENT CENTER

LEVEL	USES	SEATS
LOWER LEVEL	KITCHEN, OFFICE, STACK/SHIP	N/A
GRADE LEVEL	KITCHEN, OFFICE, MERCANTILE	N/A
	RESTAURANT	258
	PRIVATE DINING	40
	COFFEE BAKERY	106
SECOND LEVEL	KITCHEN, BUSINESS OFFICE	N/A
	BALLROOM	727
	MEETING ROOMS	100
THIRD LEVEL	KITCHEN, BUSINESS OFFICE	N/A
	MEETING ROOMS	180
ROOFTOP	KITCHEN, BUSINESS OFFICE	N/A
	SUSHI RESTAURANT	244
	BAR/RESTAURANT	268
	TOTAL =	1,923

SITE DATA

ZONING	PUD
LAND USE	WEC
PROPOSED USE	RESTAURANT/EVENT CENTER
PROPOSED BUILDING AREA	184,807 SQ.FT. (TOTAL 5 FLOORS, INT. + EXT.)
PROPOSED BUILDING HEIGHT (MAX. 100')	95' ABOVE GRADE LEVEL (EVENT CENTER)
PROJECT AREA - RETAIL/EVENT CENTER	19.51 AC (849,856 SQ.FT.)
PROJECT AREA - DRA	8.99 AC (391,604 SQ.FT.)
OPEN SPACE	18.30 AC (797,148 SQ.FT.) 64.2%
IMPERVIOUS AREA	10.20 AC (444,312 SQ.FT.) 35.8%
UTILITY PROVIDER	MARION COUNTY UTILITIES
WATER INFRASTRUCTURE	PRIVATELY OWNED AND MAINTAINED
SEWER INFRASTRUCTURE	PRIVATELY OWNED AND MAINTAINED
MIN. PARKING REQUIRED	SEE PARKING STUDY
PROPOSED PARKING	SEE TABLE
PROPOSED OFF-SITE GRASS PARKING	266 SPACES

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
04/21/23	COUNTY RE-SUBMITTAL FOR RAI#1	

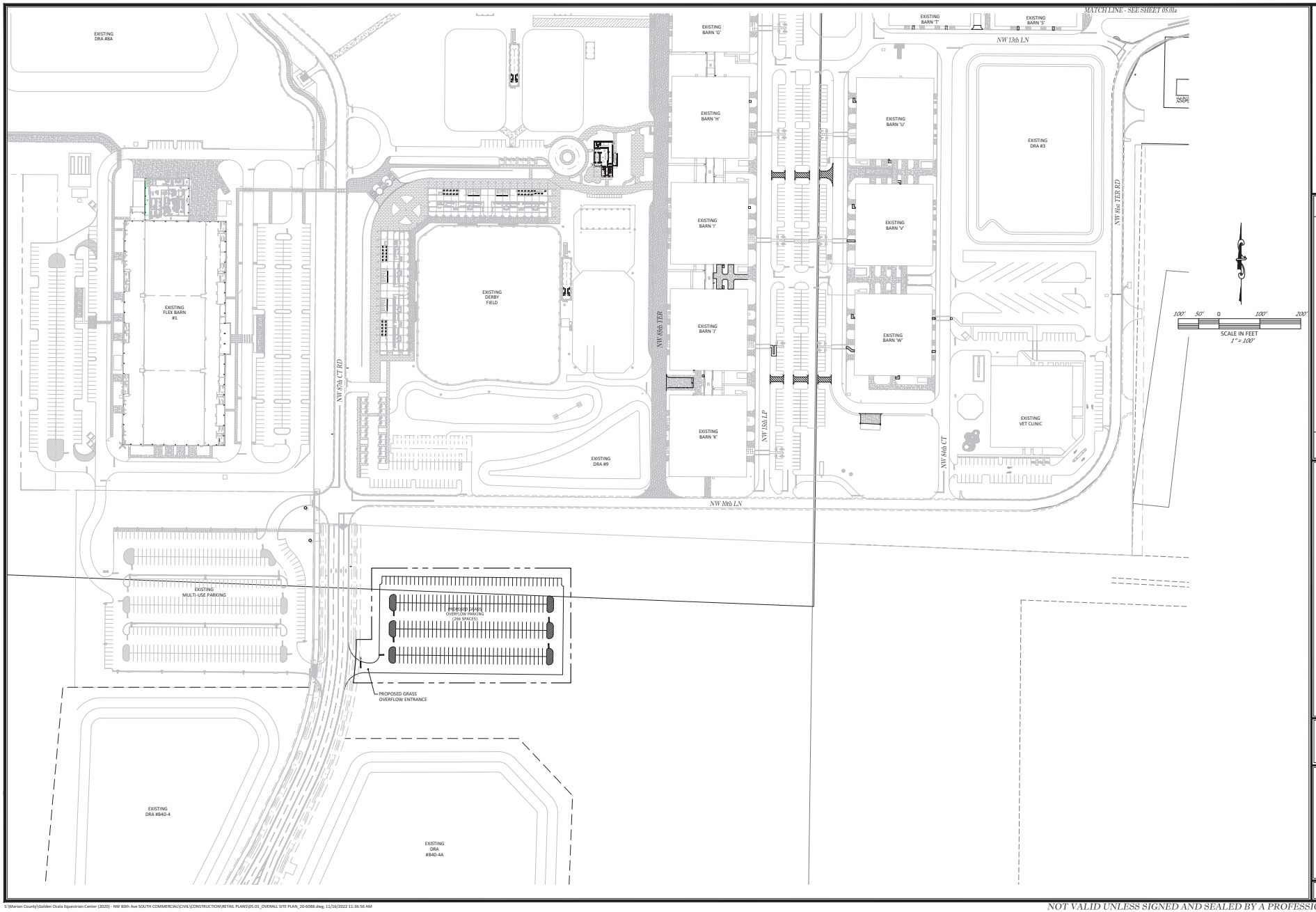
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

OVERALL SITE PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 05.01a

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS

MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

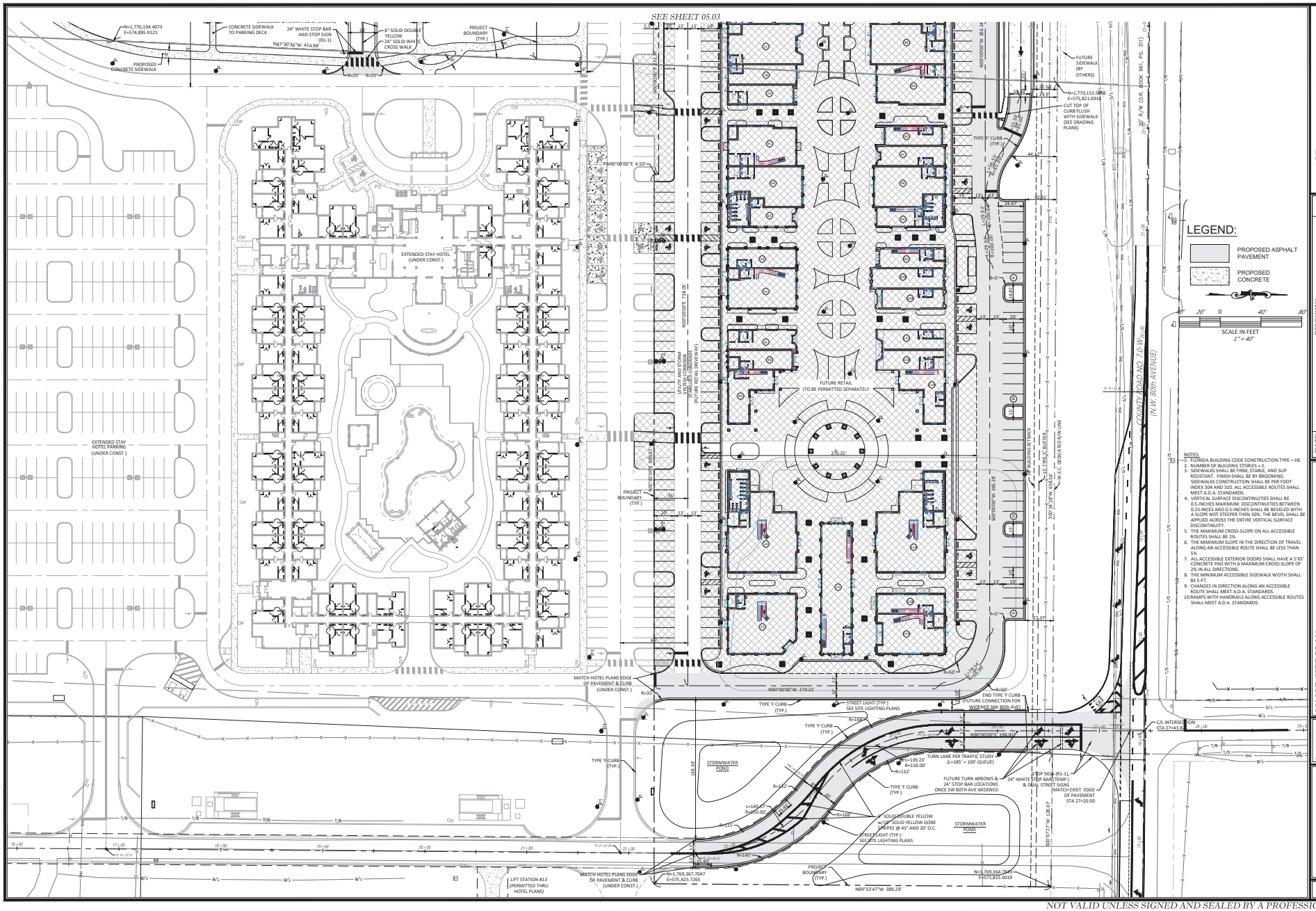
OVERALL SITE PLAN

DATE 11/16/22
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 05.01b

S:\Marion County\Golden Ocala Equestrian Center (2020) - NW 80th Ave SOUTH COMMERCIAL\CIVIL\CONSTRUCTION\RETAIL PLANS\05.01_OVERALL SITE PLAN_20-6088.dwg, 11/16/2022 11:36:56 AM

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
10/21/22	COUNTY RE-SUBMITTAL FOR RAI#1	

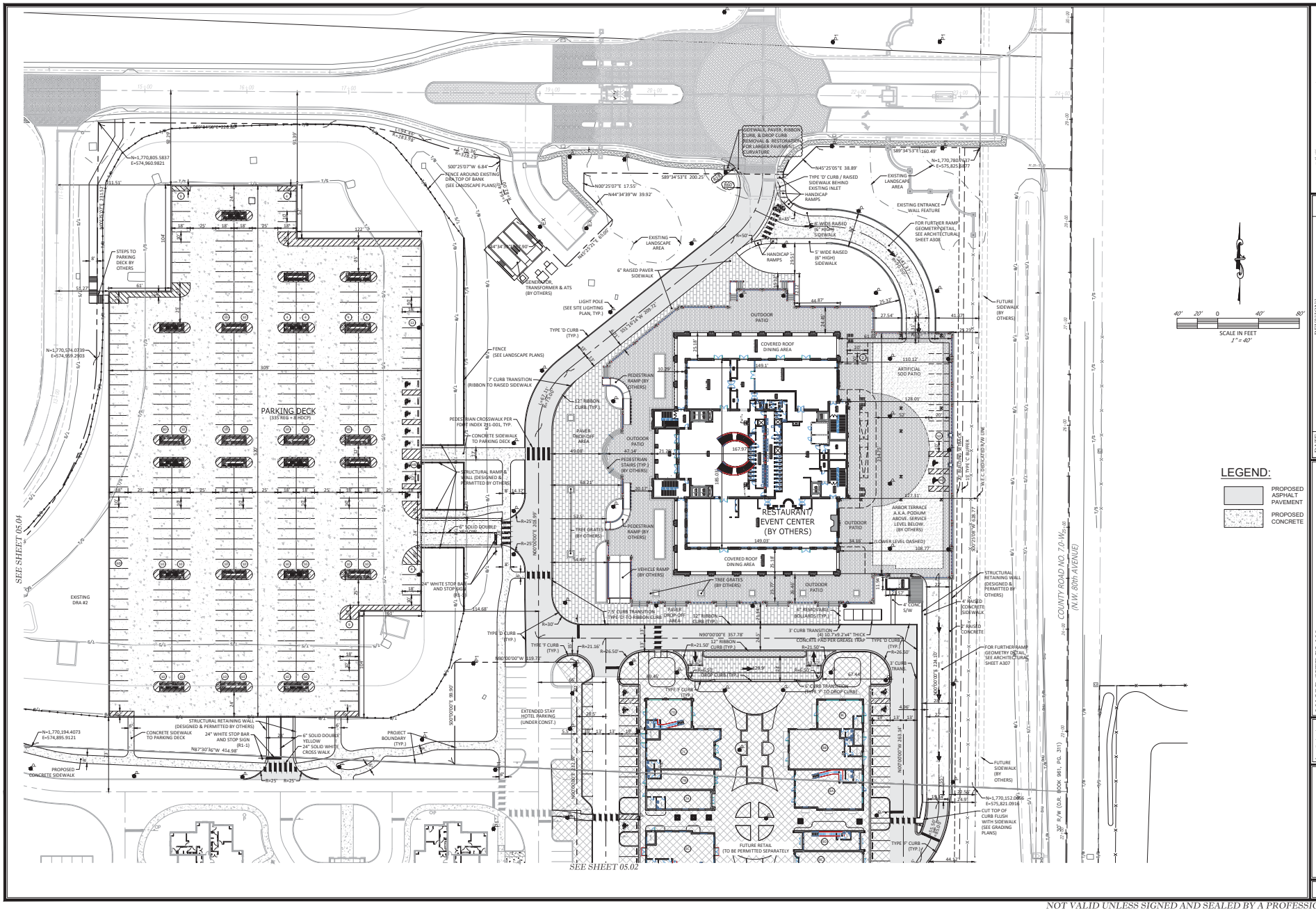
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM.
MARION COUNTY, FLORIDA

GEOMETRY PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 05.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
04/21/23	NORTH ENTRANCE CURVATURE	RQ
06/22/23	COUNTY RE-SUBMITTAL FOR RAI-1	RQ

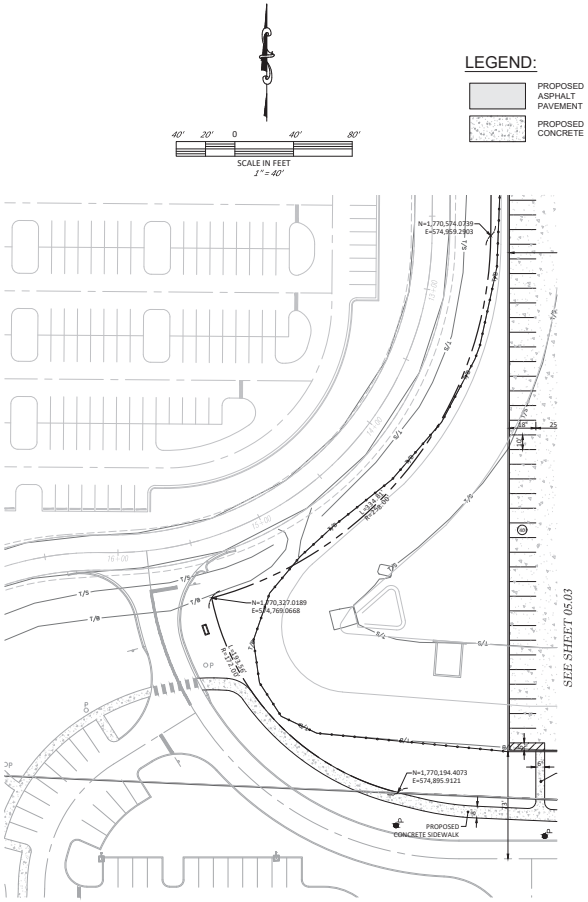
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

GEOMETRY PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 05.03

DETAIL
REMOVED
(SEE SHEET 05.03)



Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	
04/21/23	REFUNDANT DETAIL REMOVED	RQ
06/21/23	COUNTY RE-SUBMITTAL FOR RAI-1	RQ

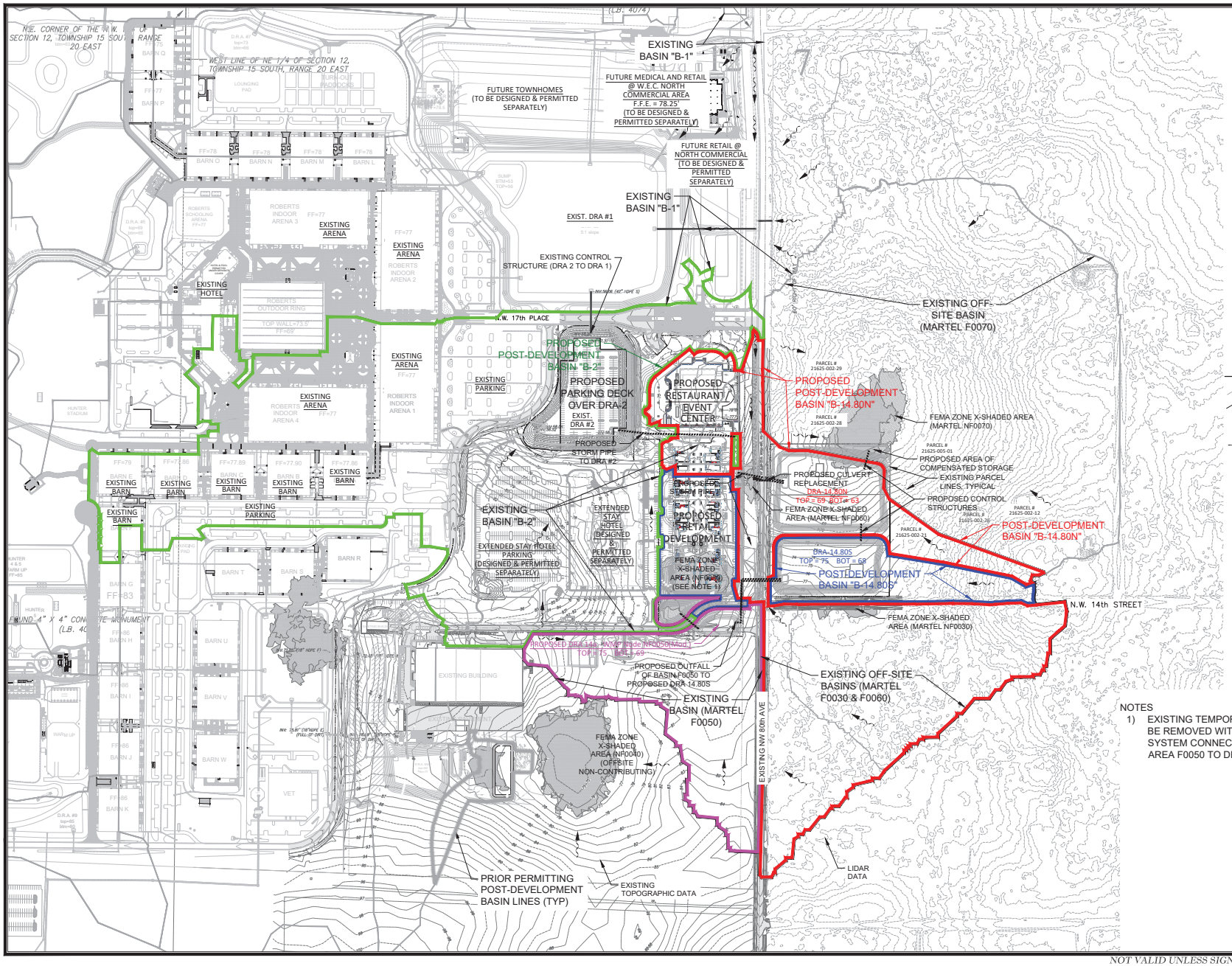
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

GEOMETRY PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 05.04

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



NOTES

1) EXISTING TEMPORARY POND TO BE REMOVED WITH STORM SYSTEM CONNECTING MARTEL AREA F0050 TO DRA 14.80S

Tillman & Associates ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS
04/24/23	COUNTY RE-SUBMITTAL FOR RAI#1

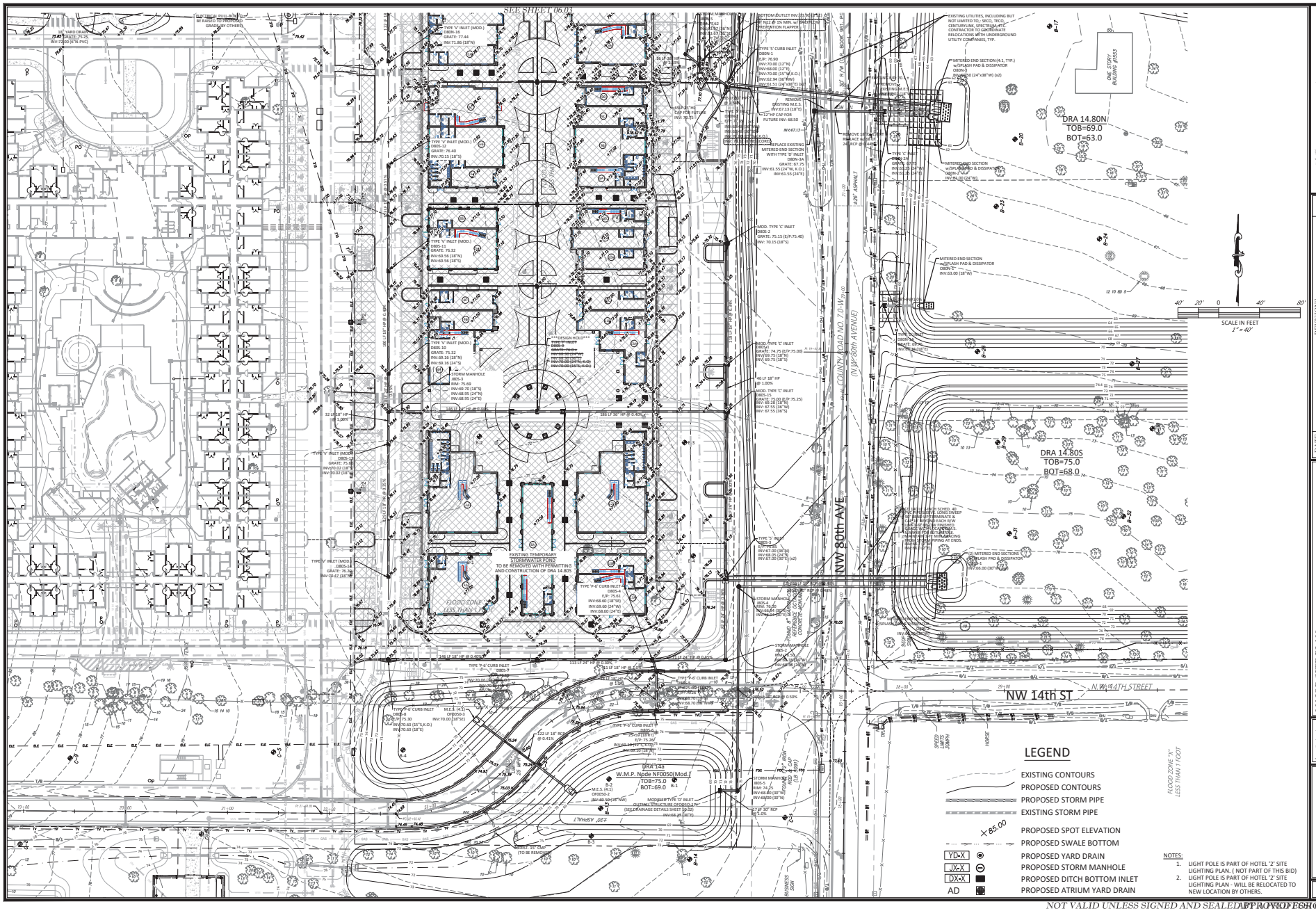
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMMI.
MARION COUNTY, FLORIDA

MASTER DRAINAGE PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 06.01

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER



Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
04/21/23	COUNTY RE-SUBMITTAL FOR RAI#1	

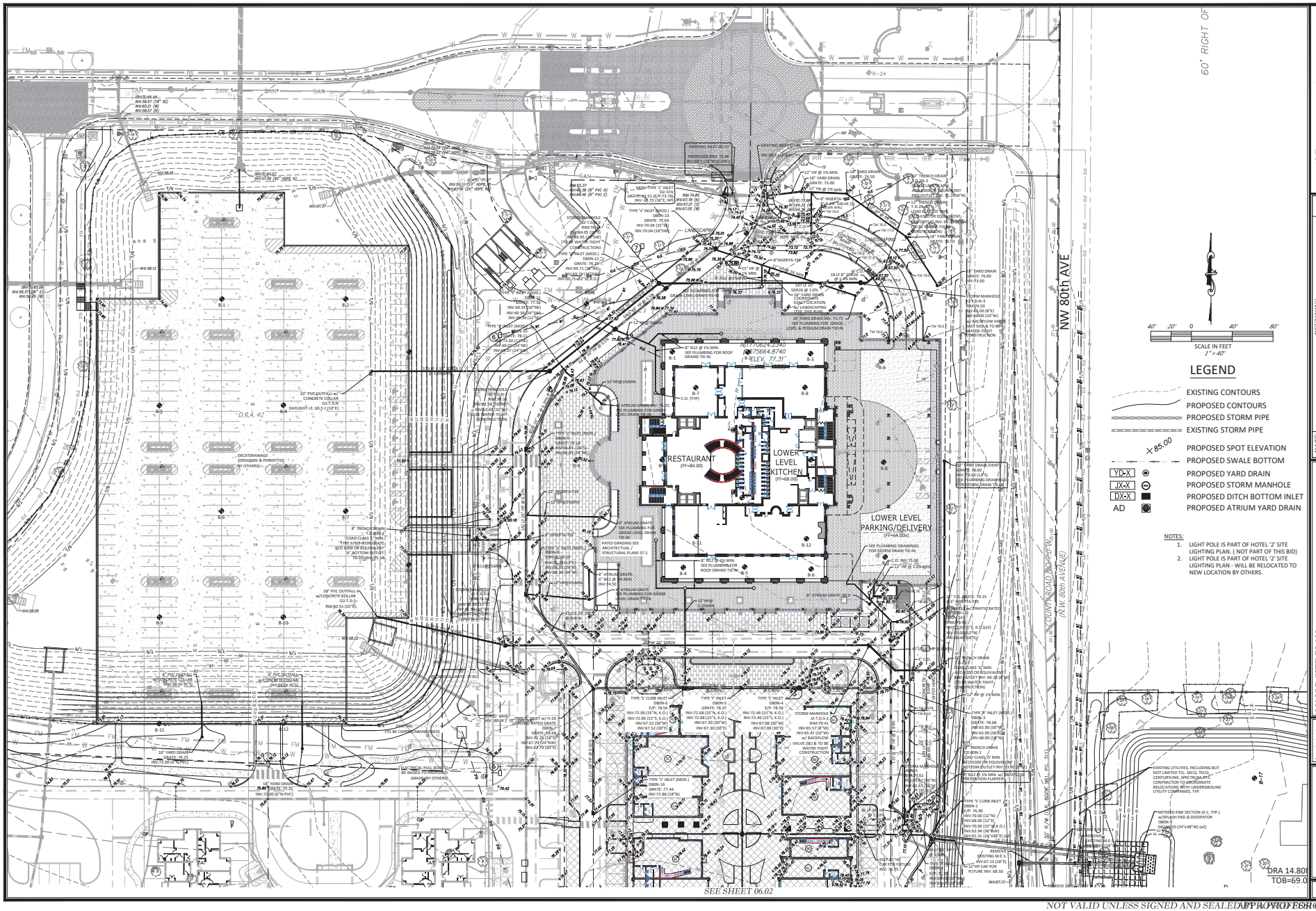
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM.
MARION COUNTY, FLORIDA

SITE GRADING PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 06.02

NOT VALID UNLESS SIGNED AND SEALED APPROVED FOR CONSTRUCTION



Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
04/21/23	NORTH ENTRANCE INLET TO STA. 10+00 @ W/O CONNOR CORE 1300N-2	RQ
06/27/23	COUNTY RESUBMITTAL FOR RAI-1	RQ

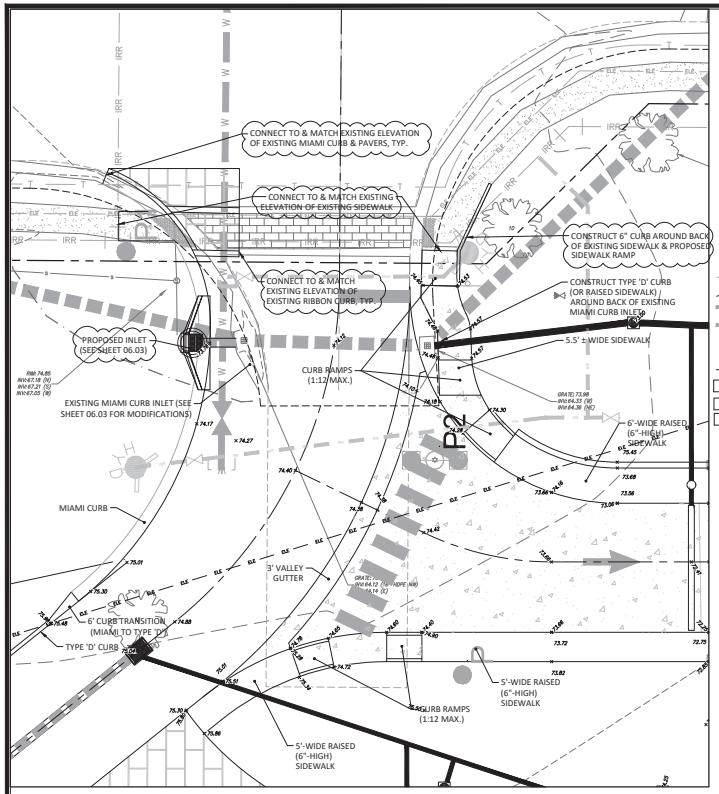
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMML.
MARION COUNTY, FLORIDA

SITE GRADING PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 06.03

NOT VALID UNLESS SIGNED AND SEALED



DETAIL

SCALE: 1" = 10'

10' 5' 0 10' 20'

SCALE IN FEET
1" = 10'

LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED SPOT ELEVATION
- PROPOSED SWALE BOTTOM
- YD-X — PROPOSED YARD DRAIN
- JX-X — PROPOSED STORM MANHOLE
- DX-X — PROPOSED DITCH BOTTOM INLET
- AD — PROPOSED ATRIUM YARD DRAIN

NOTES:

1. LIGHT POLE IS PART OF HOTEL '2' SITE LIGHTING PLAN. (NOT PART OF THIS BID)
2. LIGHT POLE IS PART OF HOTEL '2' SITE LIGHTING PLAN - WILL BE RELOCATED TO NEW LOCATION BY OTHERS.

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

REVISIONS

DATE	
04/03/23	NORTH ENTRANCE INLET 12-S-31 RQ
06/21/23	COUNTY RE-SUBMITTAL FOR RAI-1 RQ

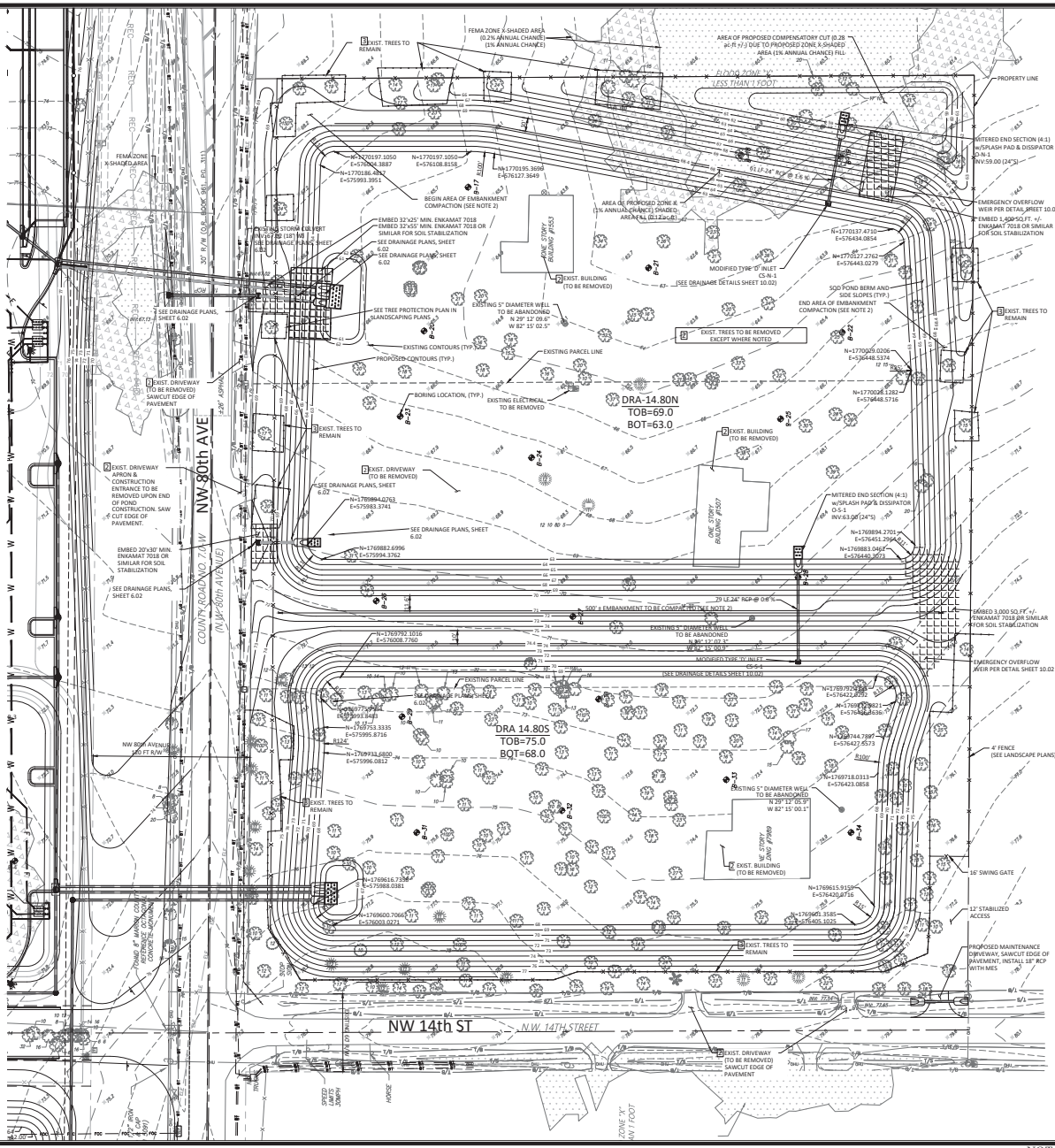
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM'L.
MARION COUNTY, FLORIDA

SITE GRADING PLAN

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 06.04

NOT VALID UNLESS SIGNED AND SEALED



NOTES:

1. EXISTING WELLS ARE FOUND WITHIN THE LIMITS OF THIS PROJECT. ANY EXISTING WELLS MARKED TO BE REMOVED SHALL BE PERMITTED AND PERFORMED IN ACCORDANCE WITH ABANDONED WELL PLUGGING RULE 40D-E.531(2), F.A.C. BY A FLORIDA LICENSED WATER WELL CONTRACTOR.
2. SITE PREPARATION SHALL BE IN ACCORDANCE WITH GEOTECHNICAL SITE EXPLORATION (PROJECT No. 21-6684.30 DATED JUNE 14, 2021, PROJECT No. 21-6684.30.2 DATED AUGUST 17, 2022 & PROJECT No. 22-6709.04 DATED AUGUST 4, 2022), AND ALL AS AMENDED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REPORTS AND IMPLEMENTING THE RECOMMENDED CONSTRUCTION SPECIFICATIONS.
3. OWNER SHALL RETAIN THE SERVICES OF A LICENSED GEOTECHNICAL ENGINEER TO OBSERVE SITE CONSTRUCTION AND PERFORM GEOTECHNICAL TESTING DURING CONSTRUCTION IN ACCORDANCE WITH MARION COUNTY L.D.R. AND THE GEOTECHNICAL REPORTS REFERENCED IN ITEM 2 ABOVE.
4. CONSTRUCTION ENTRANCE TO BE FROM NW 80TH AVE. NO HEAVY VEHICLES TO USE NW 14TH ST PER MARION COUNTY REQUEST.

DEMOLITION LEGEND:

1 - TO BE RELOCATED

2 - TO BE REMOVED

3 - TO REMAIN

NOTE: EXISTING TREES WITHIN PROJECT LIMITS (PROJECT PARCELS) NOT DESIGNATED AS TO REMAIN ARE TO BE REMOVED

SCALE IN FEET
1" = 40'

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS
04/24/23	COUNTY RE-SUBMITTAL FOR RAI#1

MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMML.
MARION COUNTY, FLORIDA

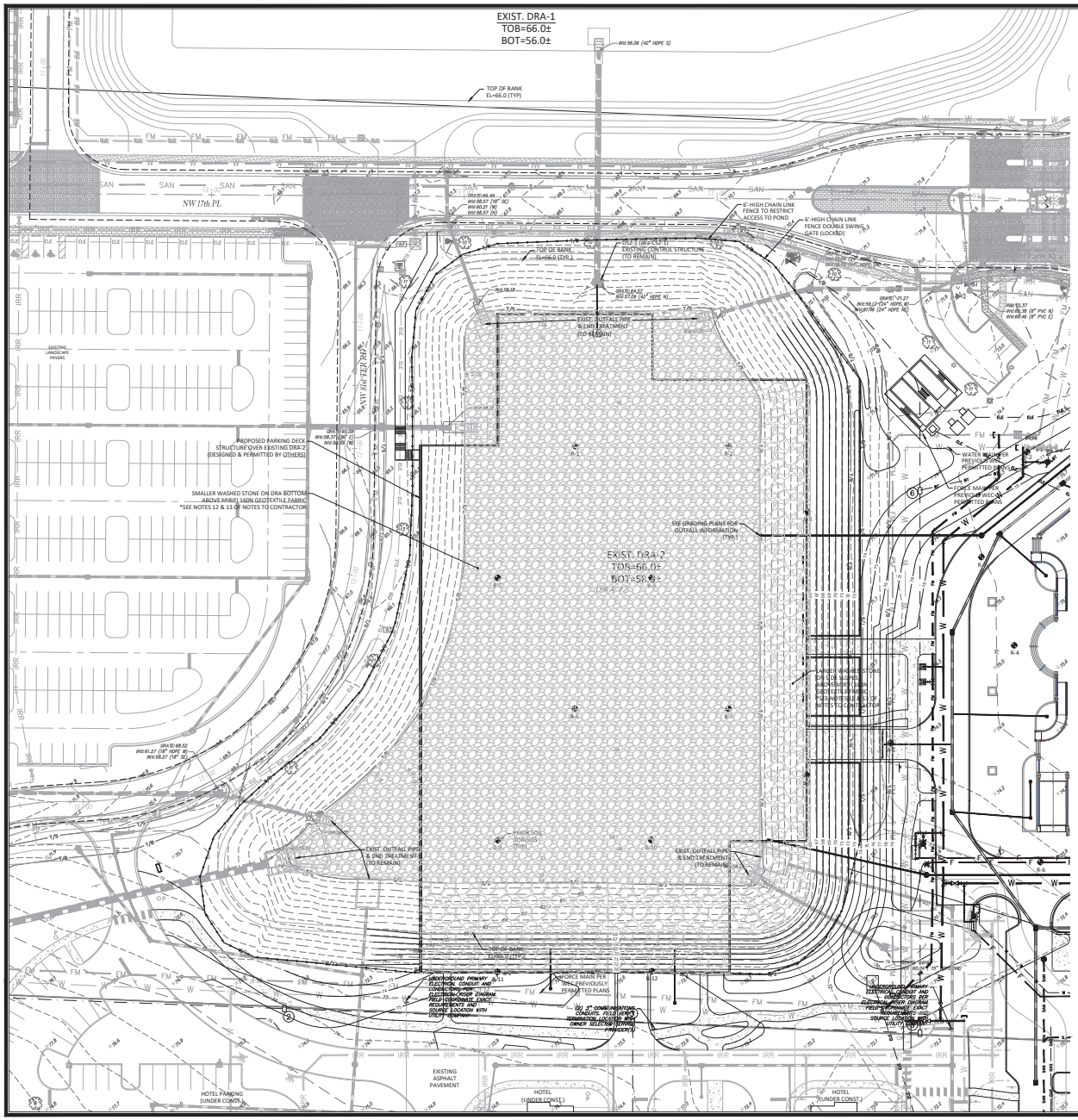
DRAINAGE RETENTION AREA (DRA) DETAILS

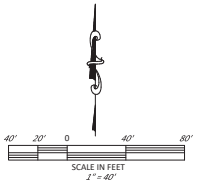
DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 07.01

NOT VALID UNLESS SIGNED AND SEALED

APPROVED FOR CONSTRUCTION





GENERAL NOTES:

1. PROPERTY LINE AND RIGHT-OF-WAY MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE BY A REGISTERED LAND SURVEYOR.
2. BUILDING DIMENSIONS SHOWN ON THE CIVIL ENGINEERING PLANS ARE FOR REFERENCE PURPOSES ONLY, CONTRACTOR SHALL USE THE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
3. ALL SITE DIMENSIONS ARE REFERENCED TO THE FACE OF CURBS OR EDGE OF PAVING UNLESS OTHERWISE NOTED.
4. ALL SIDEWALKS, CURB AND GUTTER, STREET PAVING, CURB CUTS, DRIVEWAY APPROACHES, HANDICAP RAMPS, ETC. CONSTRUCTED OUTSIDE THE PROPERTY LINE IN THE RIGHT-OF-WAY SHALL CONFORM TO ALL MUNICIPAL AND/OR STATE SPECIFICATIONS AND REQUIREMENTS.
5. ALL DISTURBANCE INCURRED TO ANY ADJOINING PROPERTY DUE TO CONSTRUCTION OR DEMOLITION SHALL BE RESTORED TO THE PREVIOUS CONDITION OR BETTER, AND TO THE SATISFACTION OF THE APPROPRIATE GOVERNMENTAL AGENCIES.

NOTE TO CONTRACTOR:

1. ALL MATERIALS, MACHINERY, AND VEHICLES SHALL BE STORED ON-SITE IN AN ORDERLY ORGANIZED FASHION.
2. CONTRACTOR SHALL PERIODICALLY SWEEP EXISTING ON-SITE PAVED SURFACES AS WELL AS ALL ABUTTING CITY STREETS, COUNTY ROADS AND STATE HIGHWAYS (AS APPROPRIATE FOR THE PARTICULAR PROJECT) TO KEEP THOSE SURFACES IN A SUBSTANTIALLY SEDIMENT-FREE CONDITION. SWEEPING SHALL BE DONE ON A PERIODIC, AS-NEEDED BASIS THROUGHOUT THE WORK WEEK INCLUDING, MOST IMPORTANTLY, AFTER EVERY RAIN EVENT AND EVERY FRIDAY AFTERNOON PRIOR TO CEASING WORK FOR THE WEEK
3. THE CONTRACTOR MUST VERIFY/LOCATE HORIZONTAL AND VERTICAL DISPOSITION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. ALL PROPOSED UTILITIES TO BE UNDERGROUND.
6. EXISTING WATER AND SEWER APPURTENANCES AFFECTED BY THIS SITE REDEVELOPMENT ARE TO BE ADJUSTED TO THE PROPOSED FINISHED GRADE, MEETING COUNTY WATER AND SEWER REQUIREMENTS, PRIOR TO ISSUANCE OF THE C.O.
7. ALL AREAS DISTURBED BY THE CONSTRUCTION OF THIS PROJECT WHICH ARE NOT OTHERWISE PAVED SHALL BE IMMEDIATELY SODDED FOLLOWING FINAL GRADING. ALLOW FOR THICKNESS OF SOD WITH A 2-INCH UNDERCUT. SOD SHALL BE ARGENTINE BAHIA, AND SHALL BE REGULARLY WATERED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION DURATION.
8. ALL STORMWATER MANAGEMENT SYSTEMS SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION OF IMPERVIOUS AREAS.
9. CONTRACTOR SHALL DEVELOP AND IMPLEMENT A PLAN TO ASSURE THAT ALL WASTE, SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASH-OUT, CHEMICALS, LITTER AND SANITARY WASTE, ARE PROPERLY CONTROLLED WHILE ON-SITE AND TRANSPORTED AND DISPOSED OF (OFF-SITE) IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. NO WASTE MATERIALS OF ANY KIND ARE PERMITTED TO BE BURIED ON-SITE OR DISCHARGED TO SURFACE WATERS OF THE STATE OR TO THE CITY'S STORMWATER SYSTEM.
10. THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE, IN THE OPINION OF THE ENGINEER, THE MINIMUM THAT MAY BE REQUIRED. ACTUAL FIELD CONDITIONS MAY REQUIRE EITHER ADDITIONAL OR REDUCED EROSION CONTROL MEASURES TO BE IMPLEMENTED. THE CONTRACTOR IS DIRECTED TO FOLLOW STANDARD BEST MANAGEMENT PRACTICES IN IMPLEMENTING A SUCCESSFUL EROSION CONTROL PLAN.
11. ALL DISTURBED AREAS TO BE SODDED OR SEEDED AND MULCHED WITHIN 7 DAYS AFTER FINAL GRADING.
12. PERMANENT EROSION CONTROL OF POND BOTTOM AS SHOWN IN PLAN AS STONE SHALL BE IN ACCORDANCE WITH GEOTECHNICAL REPORT (PROJECT No. 22-6884.38.2 DATED AUGUST 2nd, 2022), AND ALL AS AMENDED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REPORTS AND IMPLEMENTING THE RECOMMENDED CONSTRUCTION SPECIFICATIONS.
13. PRIOR TO PLACING FINAL STABILIZATION OF POND BOTTOM, AREAS SHALL BE SCARIFIED.
14. OWNER SHALL RETAIN THE SERVICES OF A LICENSED GEOTECHNICAL ENGINEER TO OBSERVE SITE CONSTRUCTION AND PERFORM GEOTECHNICAL TESTING DURING CONSTRUCTION IN ACCORDANCE WITH MARION COUNTY L.D.R. AND THE GEOTECHNICAL REPORTS REFERENCED IN ITEM 12 ABOVE.
15. DO NOT RESET TREES UNTIL ALL STRUCTURES, UNDERGROUND INFRASTRUCTURE, AND GRADING HAS BEEN COMPLETED, TYP.
16. CONCRETE TRUCK WASH OUT AREA SHALL BE NOT WITHIN A DRAINAGE RETENTION AREA.

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

DATE	REVISIONS	BY
10/04/23	COUNTY RES-SUBMITTAL FOR RAI#1	RQ

MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMML.
MARION COUNTY, FLORIDA

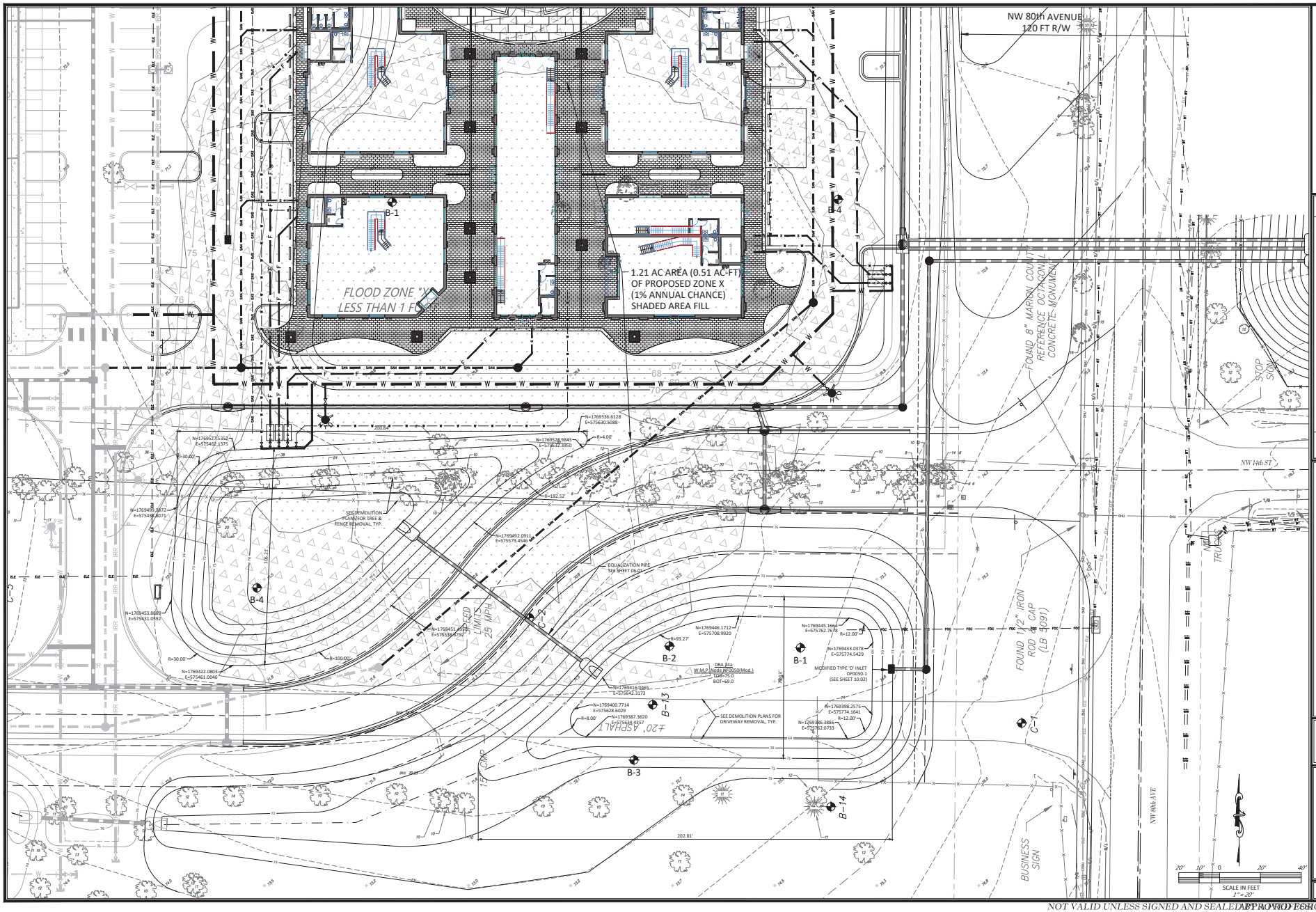
DRAINAGE RETENTION AREA (DRA) DETAILS

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 07.02

NOT VALID UNLESS SIGNED AND SEALED

APPROVED FOR CONSTRUCTION



Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

REVISIONS

DATE	
10/12/23	COUNTY RE-SUBMITTAL FOR SAP

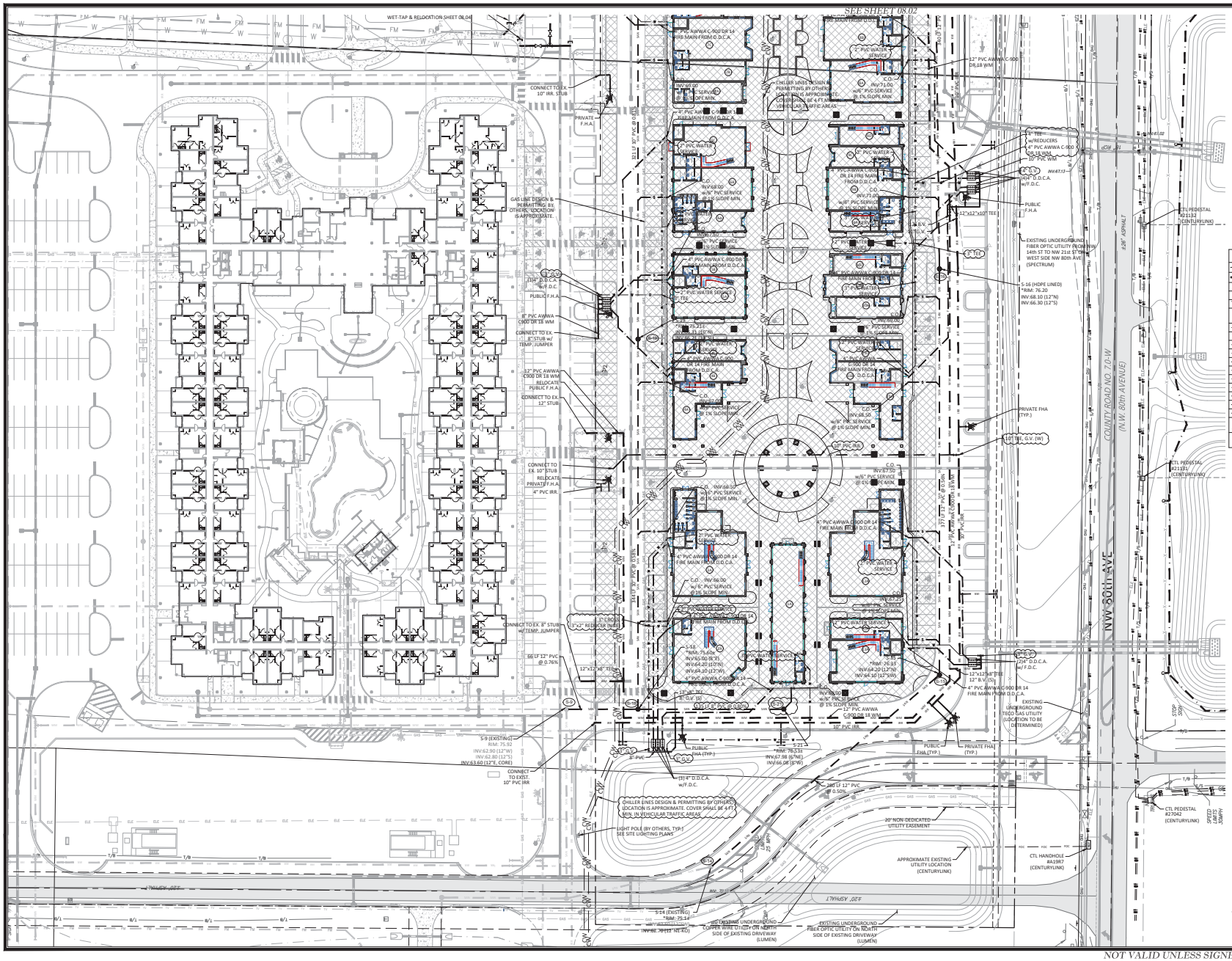
MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMM.
MARION COUNTY, FLORIDA

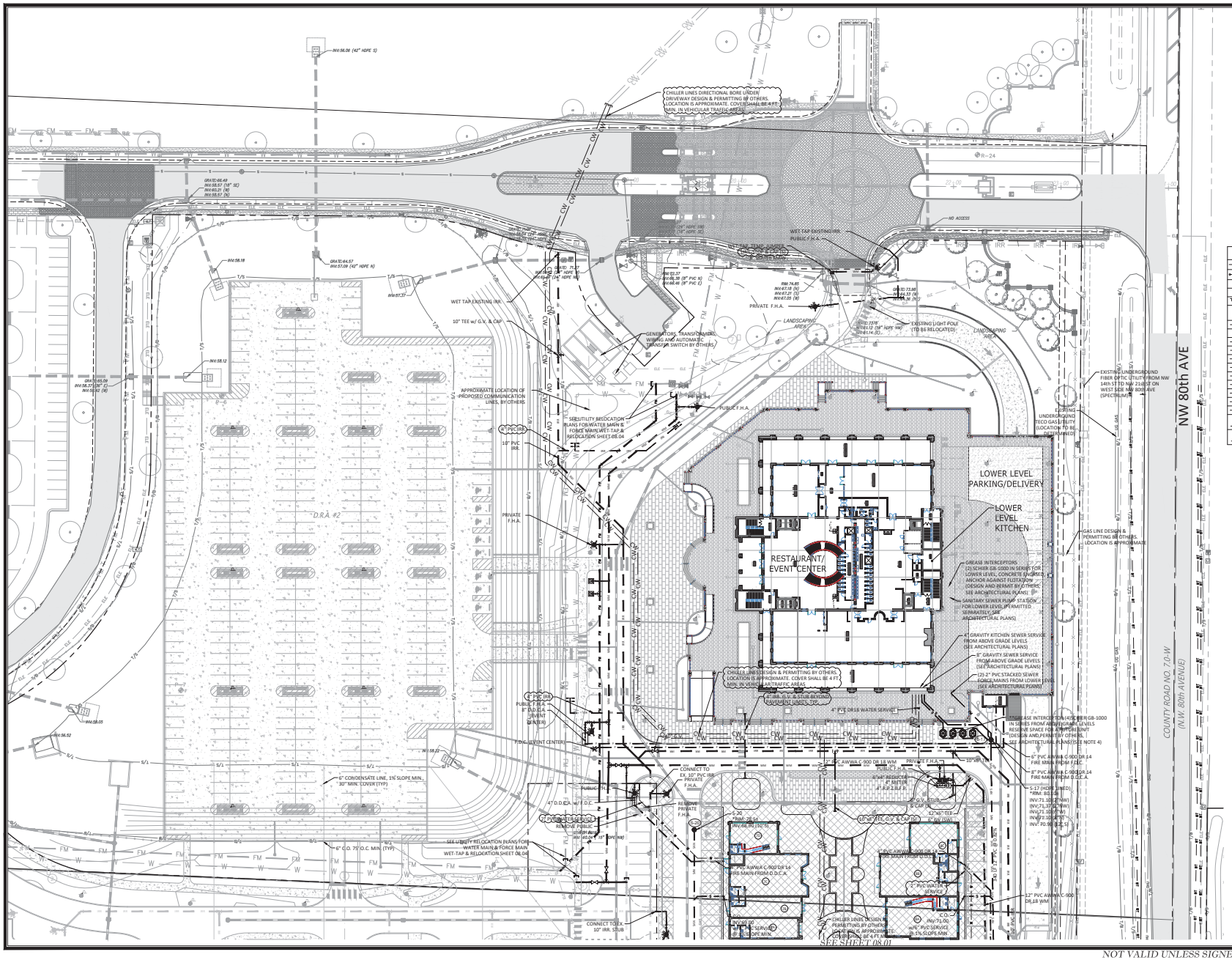
DRAINAGE RETENTION AREA (DRA) DETAILS

DATE 4/21/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 07.03

NOT VALID UNLESS SIGNED AND SEALED APPROVED FOR CONSTRUCTION


SEE SHEET 08.02
WET-TAP & RELOCATION SHEET 08.04
NW 80th AVE
COUNTY ROAD NO. 70-W
(N.W. 80th AVENUE)
CONNECT TO EX. 10" IRR. STUB
PRIVATE F.H.A.
GAS LINE DESIGN & PERMITTING BY OTHERS. LOCATION IS APPROXIMATE.
24" D.D.C.A. w/F.D.C.
PUBLIC F.H.A.
8" PVC AWWA C900 DR 18 WM
CONNECT TO EX. 8" STUB w/ TEMP. JUMPER
12" PVC AWWA C900 DR 18 WM
RELOCATE PUBLIC F.H.A.
CONNECT TO EX. 12" STUB
CONNECT TO EX. 10" STUB
RELOCATE PRIVATE F.H.A.
4" PVC IRR.
CONNECT TO EX. 8" STUB w/ TEMP. JUMPER
56 LF 12" PVC @ 0.76%
12"x12"x8" TEE
12"x8" REDUCER (MJ)
S-9 (EXISTING) RIM: 75.92 INV:62.90 (12"W) INV:62.80 (12"S) INV:63.60 (12"E, CORE)
CONNECT TO EXIST. 10" PVC IRR
CHILLER LINES DESIGN & PERMITTING BY OTHERS. LOCATION IS APPROXIMATE. COVER SHALL BE 4 FT. MIN. IN VEHICULAR TRAFFIC AREAS
LIGHT POLE (BY OTHERS, TYP.) SEE SITE LIGHTING PLANS
(3) 4" D.D.C.A. w/F.D.C.
8" PVC
PUBLIC FHA (TYP.)
PRIVATE FHA (TYP.)
S-21 RIM: 76.53 INV:67.98 (6"NE) INV:66.08 (6"W)
80 LF 12" PVC @ 0.50%
20' NON-DEDICATED UTILITY EASEMENT
APPROXIMATE EXISTING UTILITY LOCATION (CENTURYLINK)
CTL HANDHOLE #A1987 (CENTURYLINK)
CTL PEDESTAL #21132 (CENTURYLINK)
CTL PEDESTAL #21131 (CENTURYLINK)
CTL PEDESTAL #27042 (CENTURYLINK)
SPEED LIMIT 30MPH
S-14 (EXISTING) RIM: 75.14 INV:62.70 (12" NE RO)
80 LF EXISTING UNDERGROUND COPPER WIRE DUCT ON NORTH SIDE OF EXISTING DRIVEWAY (LUMEN)
EXISTING UNDERGROUND FIBER OPTIC UTILITY ON NORTH SIDE OF EXISTING DRIVEWAY (LUMEN)
EXISTING UNDERGROUND FIBER OPTIC UTILITY FROM NW 14th ST TO NW 21st ST ON WEST SIDE NW 80th AVE (SPECTRUM)
S-16 (HDPE LINED) *RIM: 76.20 INV: 68.10 (12"N) INV: 66.30 (12"S)
PRIVATE FHA (TYP.)
10" BF, S.V. (W)
12"x12"x8" TEE 12" B.V. (S)
4" PVC AWWA C-900 DR 14 FIRE MAIN FROM D.D.C.A.
EXISTING UNDERGROUND TECO GAS UTILITY (LOCATION TO BE DETERMINED)
12" PVC AWWA C-900 DR18 WM
10" PVC IRR.
4" PVC AWWA C-900 DR 14 FIRE MAIN FROM D.D.C.A.
2" PVC WATER SERVICE
C.O. INV:68.00 w/6" PVC SERVICE @ 1% SLOPE MIN.
C.O. INV:71.00 w/6" PVC SERVICE @ 1% SLOPE MIN.
C.O. INV:68.50 w/6" PVC SERVICE @ 1% SLOPE MIN.
C.O. INV:67.50 w/6" PVC SERVICE @ 1% SLOPE MIN.
C.O. INV:66.00 w/6" PVC SERVICE @ 1% SLOPE MIN.
C.O. INV:67.70 w/6" PVC SERVICE @ 1% SLOPE MIN.
6" PVC AWWA C-900 DR 18 WM
1" PVC WATER SERVICE
3" PVC WATER SERVICE
4" PVC WATER SERVICE
1" CROSS
1" PVC WATER SERVICE
S-15 *RIM: 75.60 INV:65.60 (8"E) INV:64.20 (10"N) INV:64.10 (12"W) 4" PVC AWWA C-900 DR 14 FIRE MAIN FROM D.D.C.A.
S-18 *RIM: 75.63 INV:65.50 (8"E) INV:64.20 (10"N) INV:64.10 (12"W) 4" PVC AWWA C-900 DR 14 FIRE MAIN FROM D.D.C.A.
S-20 *RIM: 75.33 INV:64.20 (12"N) INV:64.30 (12"S/W)
12" PVC AWWA C-900 DR 18 WM
10" PVC IRR.
12" PVC AWWA C-900 DR 18 WM
1" PVC WATER SERVICE
1" PVC WATER SERVICE
1" PVC WATER SERVICE



UTILITY LEGEND
GREASE TRAP
SANITARY CLEANOUT
D.D.C.V. W/F.D.C.
STUB-OUT
BENDS (90°,45°,22.5°,11.25°)
CROSS & TEE
AIR RELEASE VALVE (ARV)
GATE/BUTTERFLY/ VALVE
PLUG VALVE
SANITARY SEWER MANHOLE
PVC SDR26 GRAVITY SEWER
TELEPHONE LINE
UNDERGROUND ELECTRIC
IRRIGATION MAIN
WATER MAIN AWWA C-900 DR18
FIRE MAIN AWWA C-900 DR14
SEWER FORCE MAIN DR18
MUNICIPAL FIRE HYDRANT
PRIVATE FIRE HYDRANT

SCALE IN FEET
1" = 40'

Tillman & Associates
ENGINEERING, LLC.
CIVIL ENGINEERING - PLANNING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL
1720 SE 16th Ave. Bldg 100, Ocala, FL 34471
Office: (352) 387-4540 Fax: (352) 387-4545

REVISIONS

DATE	REVISIONS	BY
08.22.23	REF.M. UPDATES: N. ENTRANCE DRIVEWAY S-2 MOVED WEST 7.5'	RQ
09.22.23	COUNTY RESUBMITTAL FOR RAI	RQ

MAJOR SITE PLAN
G.O. W.E.C.-RESTAURANT/EVENT CENTER @ S. COMMIL
MARION COUNTY, FLORIDA

UTILITY PLAN

DATE 4/24/23
DRAWN BY KD
CHKD. BY GH
JOB NO. 20-6088

SHT. 08.02

NOT VALID UNLESS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER