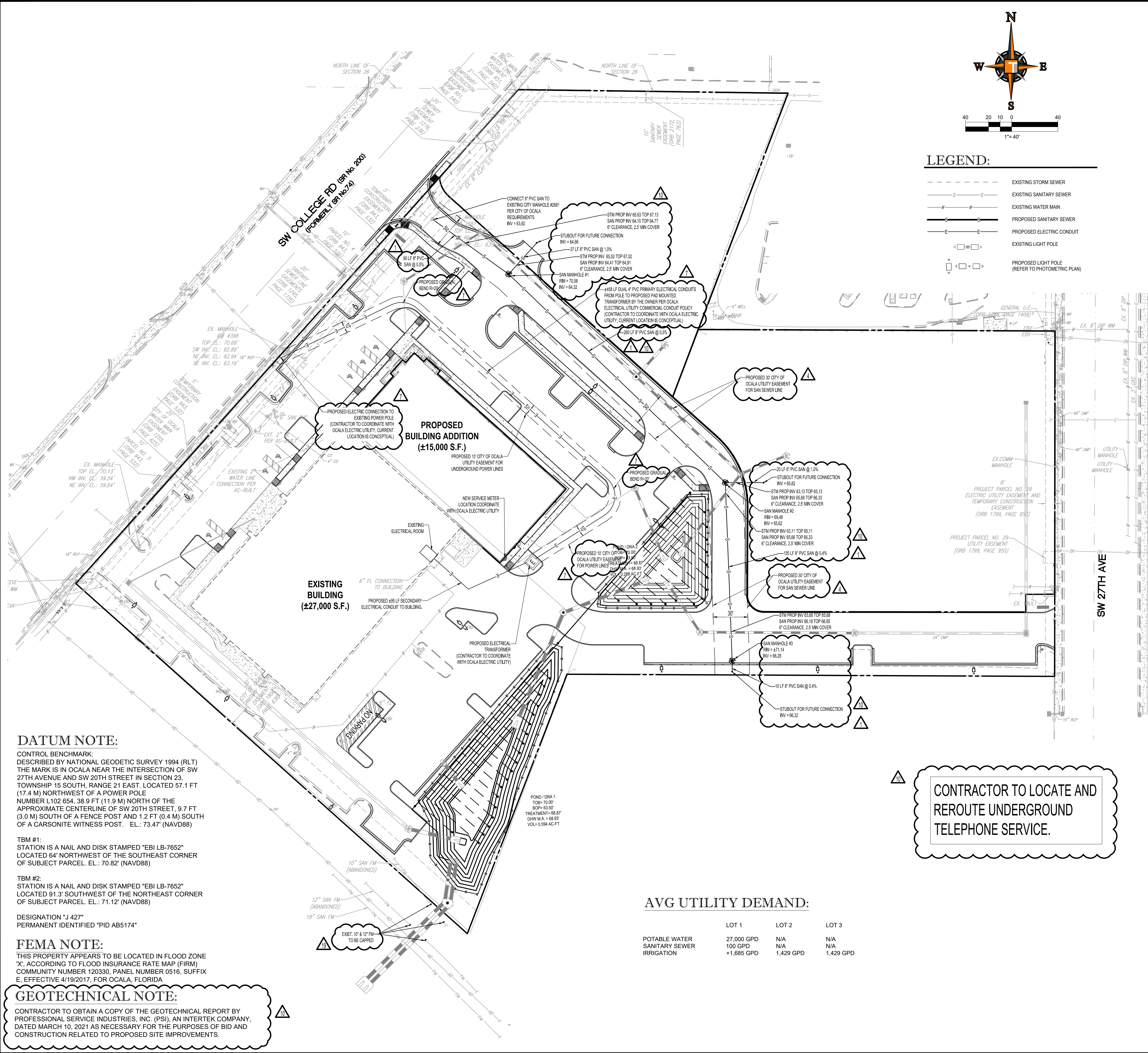




LEGEND:

- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER MAIN
- PROPOSED SANITARY SEWER
- PROPOSED ELECTRIC CONDUIT
- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE (REFER TO PHOTOMETRIC PLAN)

CITY OF OCALA UTILITY NOTES:

- ALL EXISTING OR PROPOSED WATER, SEWER, OR REUSE APPURTENANCES AFFECTED BY THE DEVELOPMENT OF THIS SITE ARE TO BE RAISED TO THE FINAL GRADE PRIOR TO ISSUANCE OF THE C.O.
- ALL WATER AND/OR SEWER CONSTRUCTION SHALL CONFORM TO THE CURRENT WATER AND SEWER CONSTRUCTION MANUAL. (PER WSCM 485.2.5.2/495.2.8.1)
- ALL FDEP PERMITS NEED TO BE SUBMITTED PRIOR TO ANY CONSTRUCTION AND AN FDEP CLEARANCE IS REQUIRED PRIOR TO C.O.
- ASBUILT, MEETING THE CITY OF OCALA WATER AND SEWER CONSTRUCTION MANUAL REQUIREMENTS ARE TO BE SUPPLIED TO THE CITY PRIOR TO ISSUANCE OF THE C.O. (WSCM 485.2.5.8/495.2.8.5)

SANITARY SEWER NOTES:

(REFER TO RTG DIVISION 2 SPECIFICATION SECTION 02730)

A. GENERAL:

- DISTANCE AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.
- PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR TO TELEWISE EXISTING SANITARY SEWER LINE FROM POINT OF CONNECTION THROUGH THE NEXT SEQUENTIAL DOWNSTREAM RUN OF PIPE. ADDITIONALLY, PRIOR TO COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL TELEWISE THE NEWLY INSTALLED SANITARY SEWER MAIN TO ENSURE NO DIPS OR DEBRIS WITHIN LINE.
- CONTRACTOR TO NOTIFY CITY OF OCALA WATER AND SEWER DEPARTMENT WITHIN 48 HOURS PRIOR TO ACCESSING THE CITY SEWER MAIN FOR TELEVISION PURPOSES. CONTACT STACEY FERRANTE AT 352-351-6772. A COPY OF ANY TELEVISION REPORT(S) IS TO BE PROVIDED TO THE CITY WATER AND SEWER DEPARTMENT PRIOR TO C.O.

B. MATERIALS:

- ALL PVC SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE (PVC) PIPE CONFORMING TO ASTM D 3034, SDR 26, WITH PUSH-ON RUBBER GASKET JOINTS.
- ALL FITTINGS AND ACCESSORIES SHALL BE AS MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER OR APPROVED EQUAL.
- ALL SANITARY CLEANOUTS WITHIN PAVEMENT SHALL HAVE A LID THAT IS H20 LOADING/HEAVY DUTY TRAFFIC RATED.

C. INSTALLATION:

- PIPE AND FITTINGS:
 - SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, AND THE UNI-BELL PLASTICS PIPE ASSOCIATION'S "RECOMMENDED PRACTICE FOR THE INSTALLATION OF PVC SEWER PIPE".
 - BEDDING AND INITIAL BACKFILL (12 INCHES) OVER SEWER MAINS AND SERVICES SHALL BE SAND WITH NO ROCK LARGER THAN 1" IN DIAMETER. PEA ROCK OR 3/4" WASHED ROCK WILL BE USED IN WATER OR WHERE UNSUITABLE BEDDING EXISTS. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6" IN DIAMETER.
- CLEANOUTS:
 - CLEANOUTS SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM CLEAN SUBGRADE PROVIDING UNIFORM BEARING UNDER THE BASE.
 - ALL OPENINGS AND JOINTS SHALL BE SEALED WATER-TIGHT.
- SERVICE:
 - MINIMUM SLOPE OF ALL SERVICE LINES SHALL BE 1.00%.
 - EACH SERVICE CONNECTION SHALL BE PLUGGED WATER-TIGHT WITH AN APPROVED PLUG.
 - CONNECTION OF SERVICES TO BUILDING'S PLUMBING SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.

D. TESTING:

- AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.
- AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.
- SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 150 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED. NO VISIBLE LEAKAGE SHALL BE ALLOWED.
- CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES PRIOR TO THE CERTIFICATION TO ANY AGENCY.

DATUM NOTE:

CONTROL BENCHMARK:
DESCRIBED BY NATIONAL GEODETIC SURVEY 1994 (RLT)
THE MARK IS IN OCALA NEAR THE INTERSECTION OF SW 27TH AVENUE AND SW 20TH STREET IN SECTION 23, TOWNSHIP 15 SOUTH, RANGE 21 EAST. LOCATED 57.1 FT (17.4 M) NORTHWEST OF A POWER POLE
NUMBER L102 654, 38.9 FT (11.9 M) NORTH OF THE APPROXIMATE CENTERLINE OF SW 20TH STREET, 9.7 FT (3.0 M) SOUTH OF A FENCE POST AND 1.2 FT (0.4 M) SOUTH OF A CARSONITE WITNESS POST. EL.: 73.47' (NAVD88)

TBM #1:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652"
LOCATED 64' NORTHWEST OF THE SOUTHEAST CORNER OF SUBJECT PARCEL. EL.: 70.82' (NAVD88)

TBM #2:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652"
LOCATED 91.3' SOUTHWEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL. EL.: 71.12' (NAVD88)

DESIGNATION "J 427"
PERMANENT IDENTIFIED "PID AB5174"

FEMA NOTE:

THIS PROPERTY APPEARS TO BE LOCATED IN FLOOD ZONE "X", ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY NUMBER 120330, PANEL NUMBER 0516, SUFFIX E, EFFECTIVE 4/19/2017, FOR OCALA, FLORIDA

GEOTECHNICAL NOTE:

CONTRACTOR TO OBTAIN A COPY OF THE GEOTECHNICAL REPORT BY PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI), AN INTERTEK COMPANY, DATED MARCH 10, 2021 AS NECESSARY FOR THE PURPOSES OF BID AND CONSTRUCTION RELATED TO PROPOSED SITE IMPROVEMENTS.

AVG UTILITY DEMAND:

	LOT 1	LOT 2	LOT 3
POTABLE WATER	27,000 GPD	N/A	N/A
SANITARY SEWER	100 GPD	N/A	N/A
IRRIGATION	+1,685 GPD	1,429 GPD	1,429 GPD

CONTRACTOR TO LOCATE AND REROUTE UNDERGROUND TELEPHONE SERVICE.

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
1502 W. FLETCHER AVE., SUITE 101
TAMPA, FL 33612
P: 813-379-4100
F: 813-379-4100
WWW.THOMASENGINEERINGGROUP.COM

REV	DATE	COMMENT	BY
11	06/16/22	REV PER SURVMD COMM. DATED 2/16/22	CTD
12	06/28/22	CHANGE BULLETIN #2	CTD
13	08/16/22	REV CONTROL STR PER ERP COMMENTS	CTB
14	09/14/22	CHANGE BULLETIN #4	CTD
15	10/18/22	CHANGE BULLETIN #5	CTD
16	11/30/22	CHANGE BULLETIN #6 (REVISED)	CTD
17	12/15/22	REV PER CITY COMM. DATED 12/14/22	CTD
18	12/27/22	REV PER RFI #39 - #41	CTD
19	01/25/23	CHANGE BULLETIN #7	CTD
20	06/06/22	REV PER ENGINEER	CTD

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CB #7
1/25/2023

PROJECT No.	FT200034
DRAWN BY:	AAM
CHECKED BY:	EMM
DATE:	03/17/2021
SCALE:	AS NOTED
CAD I.D.:	FT200034 - WSU PLAN

PROJECT:

ROOMS TO GO
S.W. COLLEGE ROAD
S.E. 27th AVE

PERIMETER DEVELOPMENT, LLC

2800 & 2832 COLLEGE ROAD
CITY OF OCALA
MARION COUNTY, FLORIDA

THOMAS ENGINEERING GROUP

1502 W. FLETCHER AVE, SUITE 101
TAMPA, FLORIDA 33612
Phone: (813) 379-4100
Fax: (813) 379-4040
www.ThomasEngineeringGroup.com

CRAIG T. BOISSEAU
LICENSE
No. 67551
STATE OF FLORIDA
PROFESSIONAL ENGINEER
CRAIG T. BOISSEAU, P.E.
January 25, 2023
FLORIDA LICENSE No. 67551
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
UTILITY PLAN
SHEET NUMBER:
C-7
OF