

PLAN KEYNOTES (###)

NOTE: WATER AND SEWER SERVICES ARE PROVIDED BY TOHO WATER AUTHORITY (TWA).

SANITARY

- 200. PROPOSED SANITARY CONNECTION TO GREASE INTERCEPTOR INV.=82.25.
- 201. PROPOSED 3 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
- 202. PROPOSED 3 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
- 203. PROPOSED SANITARY CLEANOUT. SEE SHEET C-505, INV.=81.90.
- 204. PROPOSED 14.5 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
- 205. PROPOSED 52 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
- 206. PROPOSED SANITARY CLEANOUT. SEE SHEET C-505, INV.=80.86.
- 206 A. PROPOSED SANITARY CLEANOUT. SEE SHEET C-505, INV.=76.75.
- 207. PROPOSED 132 L.F. OF 6" PVC SANITARY SEWER @ 3.33%.
- 208. PROPOSED CONNECTION TO EXISTING SANITARY SEWER. SEE SANITARY SEWER LATERAL DETAIL SHEET C-505, INV.=76.45±. (PER RECORD PLANS)
- 209. PROPOSED SANITARY CONNECTION TO BUILDING INV.=82.25.
- 210. PROPOSED GREASE INTERCEPTOR. SEE PLUMBING PLANS AND DETAIL SHEET C-503 FOR MORE INFORMATION.
- 211. PROPOSED SAMPLING STATION. SEE DETAIL ON SHEET C-503.

WATER

- 300. PROPOSED 1-1/2" WATER DOMESTIC CONNECTION. COORDINATE WITH PLUMBING PLANS.
- 301. PROPOSED 1" WATER IRRIGATION CONNECTION. COORDINATE WITH PLUMBING PLANS.
- 302. PROPOSED 121 L.F. 1-1/2" POLY DOMESTIC SERVICE (BLUE, PC200, DR9, POLYETHYLENE TUBING CONFORMING TO SPECIFICATION IN AWWA C901, PE3408 (PROVIDE MIN. 36" COVER THROUGHOUT).
- 303. PROPOSED 1" IRRIGATION SERVICE TO IRRIGATION SYSTEM (BY OTHERS).
- 304. PROPOSED WATER METERS AND BACKFLOW PREVENTORS. BACKFLOW PREVENTOR SHALL BE LOCATED AFTER THE METER. METERS ARE INSTALLED BY TWA, METER BOX AND BACKFLOW PREVENTORS ARE INSTALLED BY CONTRACTOR.
- 305. PROPOSED 48 L.F. 2" SERVICE LINE (BLUE, PC200, DR9, POLYETHYLENE TUBING CONFORMING TO SPECIFICATION IN AWWA C901, PE3408 (PROVIDE MIN. 36" COVER THROUGHOUT).
- 306. PROPOSED BALL CORP. STOP PER TWA SPECIFICATIONS.
- 307. PROPOSED 10" X 2" WET TAP (BY CONTRACTOR). SEE TYPICAL COMMERCIAL WATER SERVICE SHEET C-503.

ELECTRIC AND COMMUNICATIONS

- 400. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
- 401. PROPOSED ELECTRIC AND TELECOMMUNICATIONS SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
- 402. PROPOSED ELECTRIC SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
- 403. PROPOSED TELECOMMUNICATIONS SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
- 404. PROPOSED LIGHT POLE. SEE SHEET C-501. SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
- 405. PROPOSED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
- 406. PROPOSED PULL BOX.

GAS

- 500. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.
- 501. PROPOSED 38 L.F. GAS PROPANE SERVICE CONNECTION TO BE COORDINATED WITH THE GAS COMPANY.
- 502. PROPOSED PROPANE TANK, LOCATION AND SIZE TO BE COORDINATED WITH THE OWNER AND PROVIDER.

UTILITY CROSSINGS

GENERAL CROSSING NOTES: CONTRACTOR SHALL COORDINATE ALL CROSSINGS WITH THE UTILITY COMPANY. PRESSURIZED AND SECONDARY UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS.

SIZING FORMULA FOR RESTAURANTS:

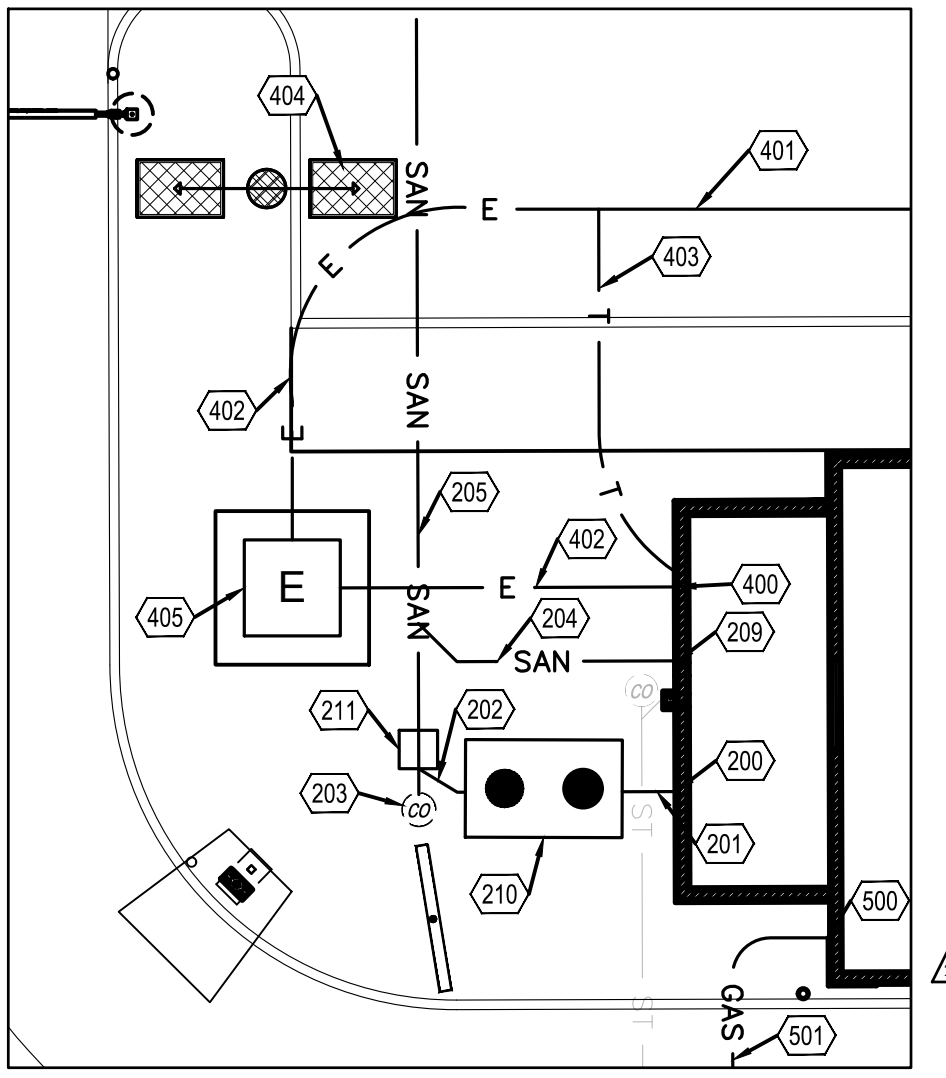
$(S) \times (GS) \times (HR/12) \times (LF) = \text{Effective capacity (Gallons)}$

S = Number of dining seats
GS = Gallons of wastewater per seat (25 gallons for restaurants with dishes and/or automatic dishwasher OR 10 gallons for restaurants with throw-away trays and utensils and no dishwasher
HR = Number of hours restaurant is open
LF = Loading Factor (1.50 for commercial areas; 1.25 for recreational/residential area; 1.00 all other areas)

GREASE TRAP CALCULATION:

S=54 SEATS
GS=10 GALLONS
HR=21
LF=1.5

$(S) \times (GS) \times (HR/12) \times (KF) = 1,417.50 \text{ GALLONS}$
GREASE TRAP PROVIDED = 1,500 GALLONS.



B4 UTILITY ENLARGEMENT
1" = 10'

EXISTING STRUCTURES	
STRICT. ID	STRUCTURE DETAILS
SAN 200	EXISTING SANITARY SEWER MANHOLE RIM=86.91' INV. 8" PVC (S)=SEALED INV. (E)=SEALED INV. 8" PVC (NW)=78.89'
SAN 201	EXISTING SANITARY SEWER MANHOLE RIM=86.91' INV. 8" PVC (S)=SEALED INV. (E)=SEALED INV. 8" PVC (NW)=78.89'

NOTE:

- AS PER TWA GIS RECORDS, APPROXIMATE LOCATION OF EXISTING 6" WATERLINE IS SHOWN ON PLANS. IT IS CONTRACTOR'S FULL RESPONSIBILITY TO FIELD VERIFY THE LOCATION, SIZE AND DEPTH OF WATERLINE AND NOTIFY THE CONSTRUCTION / PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN. CONTRACTOR TO PROTECT 6" WATERLINE THROUGHOUT CONSTRUCTION.
- AS PER TWA RECORDS AN IRRIGATION METER IS LOCATED ON THIS SITE AND THIS WAS NOT LOCATED BY SURVEY OR FIELD INSPECTION. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING IRRIGATION METER AND REPORT CONSTRUCTION / PROJECT MANAGER PRIOR TO PROCEEDING WITH CONSTRUCTION.

LEGEND

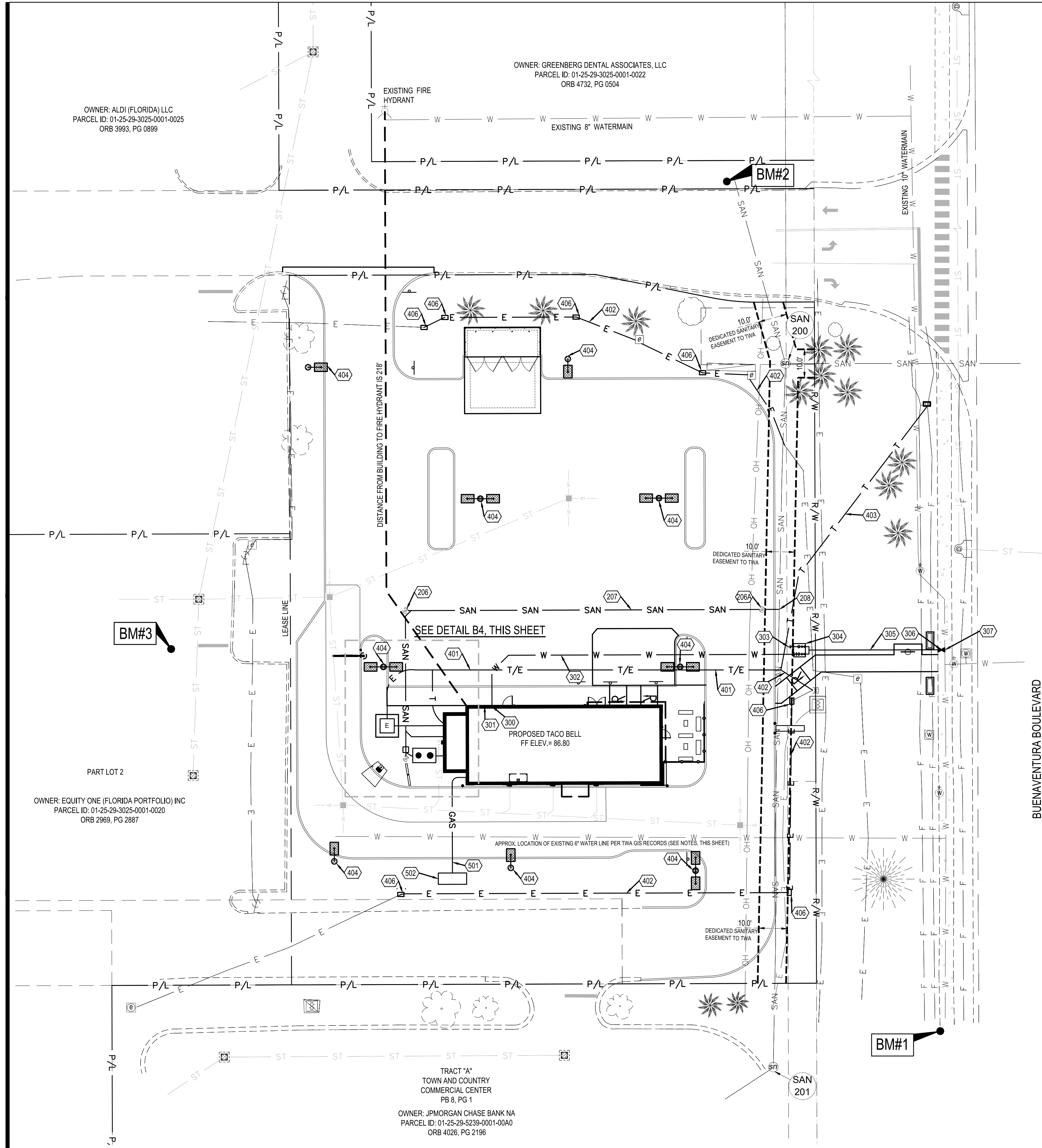
(SEE SHEET C-001 FOR GENERAL LEGEND)

- ST - PROPOSED STORM SEWER
- SAN - PROPOSED SANITARY SEWER
- W - PROPOSED WATER SERVICE
- GAS - PROPOSED GAS SERVICE
- E - PROPOSED UNDERGROUND ELECTRIC SERVICE
- T - PROPOSED UNDERGROUND TELEPHONE SERVICE
- T/E - PROPOSED UNDERGROUND TELEPHONE & ELECTRIC SERVICE
- D.S. # - PROPOSED DOWNSPOUT
- A # - APPURTENANCES
- # - UTILITY CONSTRUCTION KEYNOTE



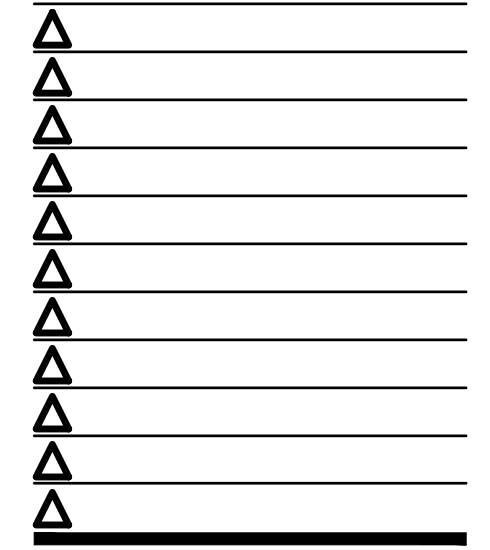
BENCHMARKS:

- DATUM - NAVD88
- BENCHMARK #1 - N & D. ELEVATION=84.32'
- BENCHMARK #2 - N & D. ELEVATION=86.07'
- BENCHMARK #3 - N & D. ELEVATION=84.49'



A1 UTILITY PLAN
1" = 20'

ISSUED FOR CONST. 09.18.17



CONTRACT DATE: 09.18.17
BUILDING TYPE: EXP. LITE MED40
PLAN VERSION: July 2017
SITE NUMBER: 312536/445270
STORE NUMBER: 2017088.45

TACO BELL
PARCEL # 012529302500010020
BUENAVENTURA BLVD.
KISSIMMEE, FL 34743

TACO BELL
EXPLORER LITE
MEDIUM40

UTILITY PLAN

C-141

PROJECT NO.- SDP17-0154

OWNER: ALDI (FLORIDA) LLC
PARCEL ID: 01-25-29-3025-0001-0025
ORB 3993, PG 0899

OWNER: GREENBERG DENTAL ASSOCIATES, LLC
PARCEL ID: 01-25-29-3025-0001-0022
ORB 4732, PG 0504

PART LOT 2
OWNER: EQUITY ONE (FLORIDA PORTFOLIO) INC
PARCEL ID: 01-25-29-3025-0001-0020
ORB 2969, PG 2887

TRACT "A"
TOWN AND COUNTRY
COMMERCIAL CENTER
PB 8, PG 1
OWNER: JPMORGAN CHASE BANK NA
PARCEL ID: 01-25-29-5239-0001-00A0
ORB 4026, PG 2196