NOTE:
THE EXISTING UTILITY LOCATIONS HAVE BEEN SHOWN BASED ON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE EXACT LOCATIONS WILL NEED TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES WILL NEED TO BE SENT TO THE ENGINEER OF RECORD IMMEDIATELY.

2046 S U.S. HIGHWAY 1
PARCEL ID:
2415-341-0004-000-6
1-STORY C.B.S.
FFE=19.74'

330 TENNESSEE AVEN
PARCEL ID:
2415-341-0005-010

U.S. HIGHWAY 1 (STATE ROAD NO. 5)

TENNESSEE AVENUE

N89°56'21"E 170.00'(D)(M)

S89°56'21"W 170.00'(D)(M)

N00°15'51"W 110.00'(D)(M)

S00°15'51"E 110.00'(D)(M)

DUTCH BROS
A2 = 950 SQ. FT.
F.F.E. = 20.0

GRADE BREAK

DRIVE THRU

DO NOT ENTER

DSD

UGE

M.E.G 17.40±
M.E.G 17.37±
M.E.G 17.30±
M.E.G 17.28±
M.E.G 17.30±
M.E.G 17.40±
M.E.G 17.31±
M.E.G 17.41±
M.E.G 19.00±
M.E.G 18.90±
M.E.G 18.65±
M.E.G 18.55±
M.E.G 17.77±

NORTH

10' 0 10' 20'
GRAPHIC SCALE

DRAINAGE NOTES

1. CONTRACTOR SHALL CORE DRILL AND CONNECT TO THE EXISTING INLET @ INV ELEV = 15.14
2. 16 LF – 12" PVC @ 1.0% SLOPE (1/C7) TYP.
3. TYPE "E" INLET #1, CONTROL STRUCTURE
   TOP OF FRAME = 18.55 (7/C7)
   W INV. = 15.80
   N INV. = 15.90
   E INV. = 15.90
   WEIR WALL ELEVATION = 17.80
4. 67 LF – 12" PVC @ 0.2% SLOPE
5. TYPE "F" INLET #1
   TOP OF FRAME = 18.30 (2/C7) TYP.
   S INV. = 16.0
6. 148 LF – 12" PVC @ 0.2% SLOPE
7. TYPE "F" INLET #2
   TOP OF FRAME = 18.50
   W INV. = 15.60
   N INV. = 15.50
   SUMP = 13.50
8. 74 LF – 12" PERFORATED HDPE @ 0% SLOPE (6/C7)
9. CAP END OF PVC PIPE AND PROVIDE CLEANOUT
10. 5 LF – 10" HDPE @ 0.2% SLOPE AND 10"x15" WYE CONNECTION (3/C7) TYP.
11. DROP CLEANOUT
    INV. OUT = 15.41
    INV. IN = 16.24 (4/C7)
12. 32 LF – 10" HDPE @ 0.2% SLOPE
13. 5 LF – 6" HDPE @ 5.3% SLOPE AND 6"x10" WYE CONNECTION
14. 11 LF – 6" HDPE @ 1.8% SLOPE
15. CLEANOUT @ INV. ELEV. = 16.31 (3/C7) TYP.
16. 44 LF – 10" HDPE @ 0.2% SLOPE AND 10"x10" WYE CONNECTION
17. 6 LF – 6" HDPE @ 3.4% SLOPE AND 6"x10" WYE CONNECTION
18. CLEANOUT @ INV. ELEV. = 16.35
19. 41 LF – 10" HDPE @ 0.2% SLOPE
20. 5 LF – 6" HDPE @ 3.3% SLOPE AND 6"x10" WYE CONNECTION
21. 5 LF – 6" HDPE @ 1.9% SLOPE AND 6"x10" WYE CONNECTION
22. CLEANOUT @ INV. ELEV. = 16.44
23. 25 LF – 6" HDPE @ 0.2% SLOPE
24. CLEANOUT @ INV. ELEV. = 16.49
25. 6 LF – 6" HDPE @ 0.2% SLOPE
26. ADA ACCESSIBLE ROUTE, NOT TO EXCEED 2.0% CROSS SLOPE AND/OR 5.0% RUNNING SLOPE.
27. ADA ACCESSIBLE AREA, NOT TO EXCEED 2.0% SLOPE IN ANY DIRECTION.
28. 1,020 SF POWER BLOCK PAVER SYSTEM BOTTOM OF STONE = 16.50 (–/C8)

BEFORE YOU DIG !
CALL SUNSHINE STATE ONE CALL OF FLORIDA
AT LEAST 48 HOURS BEFORE YOU BEGIN
DIGGING OR DISTURBING EARTH
811 Know what's below. Call before you dig.

GC NOTE:
A COPY OF SHEET C0 SHALL BE PROVIDED TO ALL BIDDERS AND SUB-CONTRACTORS

CONTRACTOR'S NOTE:
CONTRACTOR SHALL PROVIDE A COMPREHENSIVE ASBUILT SURVEY FOR THE PROJECT AS REQUIRED BY THE GOVERNING AGENCY. CONTACT THE ENGINEER OF RECORD FOR THE REQUIREMENTS OF THE AS-BUILT SURVEY.

Z DEVELOPMENT SERVICES
CIVIL ENGINEERING CONSULTANTS
CA 29354
1201 E. ROBINSON STREET
ORLANDO, FL 32801
PH: (407) 271-8910

DATE

REVISION

SARAH CULOTTA LICENSE NO. 87413 STATE OF FLORIDA ENGINEER

Sarah Culotta
c=US, o=Z DEVELOPMENT SERVICES, dnQualifier=A01410C0000018EC33C4ED3000A2BC3, cn=Sarah Culotta
2025.04.09 14:23:23 -04'00'

SARAH CULOTTA, P.E.
FL. REG. # 87413

This item has been digitally signed and sealed by SARAH CULOTTA on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DUTCH BROS COFFEE (FL2701)
2050 SOUTH US HWY 1
FORT PIERCE, FLORIDA 34950

DATE: 03/28/25
DRAWN: RM
CHECKED: SC

C4
GRADING AND DRAINAGE PLAN
PROJECT NO.: 2024.166