

Legal Description
 07-28-20-0000-0020-0020
 Assessed in Section 07, Township 28 South, Range 20 East
 of Pasco County, Florida

POB OF GOVT LOT 3.6 POB OF NE1/4 OF SW1/4 OF SEC 7 NS 30E AS COM AT W1/4 CORN OF SEC 7 TH 3000SG
 21'0W-47'6E TO TO CENTRALINE OF STATE RD 54 TH 57'0E-62'6E-26'3"E-44'30 FT TH 102'8E FT ALG ARC OF
 CV LEFT RAD 1900.86 FT CHD N27E6G 21'E 10'16.5E FT TH 51'0E61 FT 44'W 50'00 FT TO SW BVALN OF
 STATE RD 54 TH 20'00 FT ALG CORN OF CV RIGHT ROAD 1929.98 FT CHD N73'46E 21'0E61 FT 21'57E 81'4 FT TH
 N14D5G 34'0E 155.00 FT TH N15D5G 27'24 FT TH 51'4D5G 30'7W 10'00 FT TH N15D5G 21'53'W
 60.00 FT TO ELY BVALN OF CR 591.1 POB OR 732E PO 1190

IRRIGATION NOTES

1. BEFORE COMMENCEMENT OF WORK UNDER THIS CONTRACT, VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AT THE SITE.
2. ALL IRRIGATION INSTALLATION SHALL CONFORM TO LOCAL CODES.
3. PIPING ON PLANS IS DIAGRAMMATIC. ROUTE TO AVOID CONFLICT WITH PLANTS OR UNDERGROUND UTILITIES. DESIGN MODIFICATIONS MAY BE MADE ONLY AS NECESSARY TO MEET FIELD CONDITIONS AND ONLY AS ACCEPTABLE TO LANDSCAPE ARCHITECT.
4. ELECTRICAL INSTALLATION OF CONTROLLER SHALL BE PROVIDED BY THE SITE ELECTRICIAN IN COMPLIANCE WITH M.E.C. REQUIREMENTS.
5. ALL VALVES SHALL BE INSTALLED IN AMETEK VP-10, OR EQUAL, VALVE BOXES.
6. THE MAIN LINE SHALL BE BURIED A MINIMUM OF 1' BELOW GRADE.
7. ALL LATERAL PIPES SHALL BE BURIED A MINIMUM OF 12" BELOW GRADE.
8. WHERE MAIN AND/OR LATERALS ARE COVERED BY PAVING, SCHEDULE 40 PDC SLEEVES SHALL BE USED. ALL SLEEVES SHALL BE INSTALLED IN ACCORDANCE WITH THE GENERAL CONTRACTOR.
9. SIZE ALL SLEEVES TWO SIZES LARGER THAN IRRIGATION PIPE.
10. THE CONTRACTOR SHALL COMPLETELY FLUSH ALL LINES FOLLOWING INSTALLATION OF DRIP LINES.
11. ALL ELECTRICAL COMPONENTS SHALL BE EQUIPPED WITH LIGHTNING AND SURGE PROTECTION DEVICES PER MANUFACTURER'S SPECS.
12. THE CONTRACTOR SHALL INSTALL FLUSH VALVES AT VARIOUS LOCATIONS ALONG ZONE LATERALS AND AT EACH END OF DRIP ZONE TO ALLOW FOR PERIODIC FLUSHING OF SYSTEM.
13. IRRIGATION CONTRACTOR SHALL MAINTAIN A RESIDUAL PRESSURE OF 30-25 PSI AT THE LAST HEAD FOR SPRAY HEADS AND A RESIDUAL OF 40 PSI AT THE LAST HEAD FOR ROTARY HEADS. (400' PRESSURE REGULATION AT THE VALVE AS NEEDED).
14. IRRIGATION CONTRACTOR SHALL REPLACE ANY EXISTING POP-UP SPRAY HEADS WITH A TALLER MODEL AS NEEDED TO MAINTAIN ADEQUATE COVERAGE.
15. IRRIGATION CONTRACTOR SHALL LOCATE MAIN LINE AND LATERAL LINES IN THE FIELD AS REQUIRED TO CONNECT NEW HEADS AND ZONES.

IRRIGATION SYMBOLS LEGEND

- 8 RAIN BIRD 1400 SERIES PRESSURE COMPENSATING BUBBLERS TO BE INSTALLED USING A 1/2" X 1/2" POLY PIPE CONNECTION.
- RAIN BIRD 1400 SERIES POP-UP TO BE INSTALLED USING A 1/2" X 1/2" POLY PIPE CONNECTION. IRRIGATION CONTRACTOR TO SELECT APPROPRIATE HEIGHT POP-UP TO MAINTAIN COVERAGE.
- DRIP ZONE
- ▲ EXISTING POP-UP NOZZLE
- ▲ EXISTING ROTOR NOZZLE
- X EXISTING HEAD TO BE REMOVED/RELOCATED
- EXISTING ZONE
- ⊕ RAIN BIRD 24 VAC ELECTRIC REMOTE CONTROL VALVES IN AMETEK VP-10 VALVE BOX
- 1.5" VALVE SIZE SPECIFICATION
- 150-PIEB
- ⊕ RAIN BIRD ESP - 4M CONTROLLER. BANK WITH EXISTING CONTROLLER IF POSSIBLE. OTHERWISE COORDINATE WITH OWNER.
- ⊕ EXISTING BACK FLOW PREVENTION DEVICE
- SIZE SLEEVE TWO SIZES LARGER THAN IRRIGATION PIPE.
- STATION NUMBER
- VALVE SIZE
- (DIM. APPROX.)

PREPARED BY:
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PILOT DATE:
L3.0
IRRIGATION (NO VARIANCE)

Lee Del Valle, AIA
 Florida Registration No. 1133

DATE: 02/20/2019	COUNTY COMMENTS
PROJECT: 1906	
SITE NUMBER: 1906	
ARCHITECT: 090-022	
TACO BELL 6406 COUNTY ROAD 811 WESTELTOWNE, FL 33543	

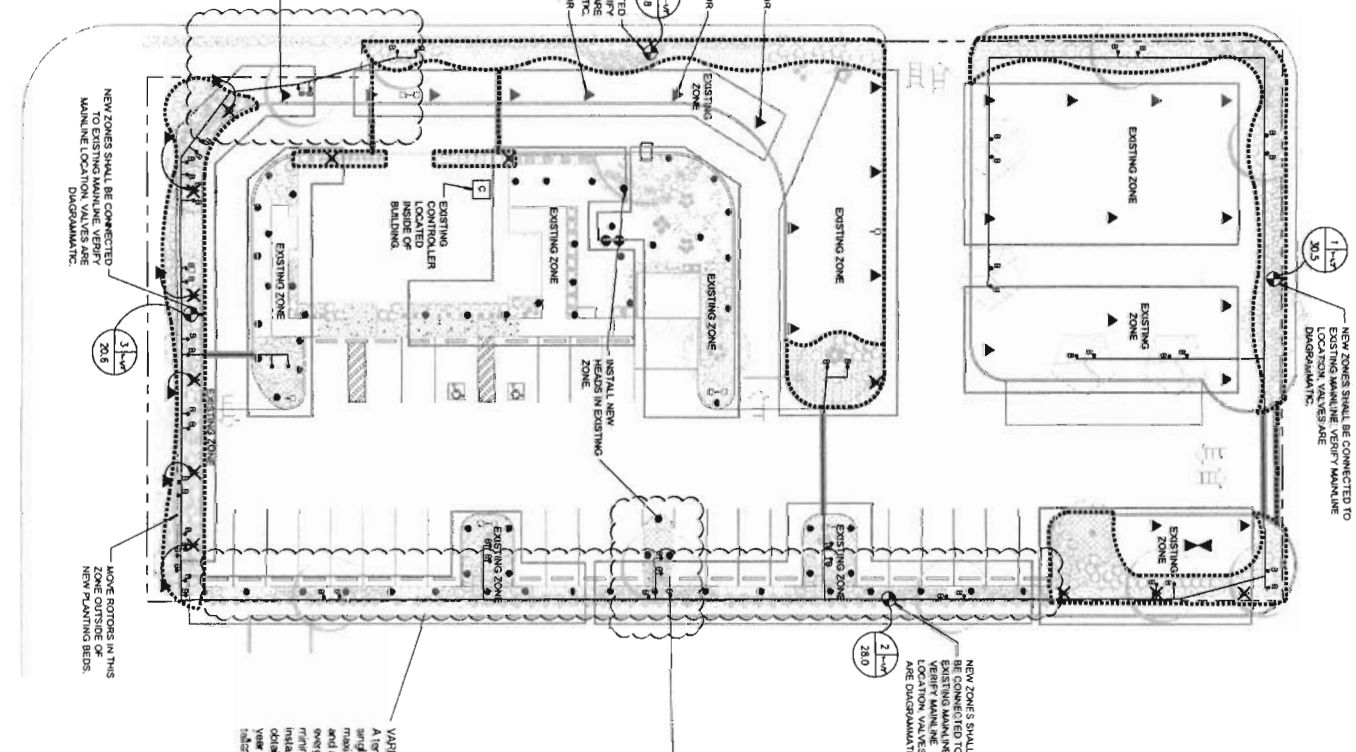
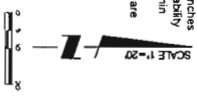
STEP 2 BOLD


ZONE CHART FOR NEW ZONES

ZONE	CPM	TYPE	VALVE SIZE
1	30.5	DRIP	1.5"
2	27.0	BUBBLERS	1.5"
3	20.6	DRIP	1.5"
4	23.8	DRIP	1.5"

NOTE: SITE CURRENTLY HAS AN EXISTING SPRAY SYSTEM HEADS AND ZONES SHOWN WERE FIELD LOCATED. ADD NEW MAIN AND BUBBLER SYSTEM TO CURRENT SYSTEM. VERIFY LOCATION OF FIELD VERIFY LOCATION OF UNDERGROUND PIPING.

VARIANCE: 603 9.D.1
 A ten-foot wide buffer with a single row of trees spaced a maximum of 60 feet on center and a continuous row of evergreen shrub 3' to 4' in height shall be installed at installation with the ability to obtain 24 inches within one year of planting. However, taller shrubs are not prohibited.



VARIANCE: 603 6.1
 All perimeter rows of parking shall contain not more than eight parking spaces uninterrupted by a required strip-scoped island which shall not exceed a minimum of eight feet in length and shall be a minimum of 100 square feet in area.

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