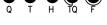


MAINLINE AND VALVES SHOWN OUTSIDE OF TRENCH FOR GRAPHIC CLARITY. ALL EQUIPMENT AND PIPE SHALL BE WITHIN PROPERTY BOUNDARIES UNLESS OTHERWISE NOTED. SLEEVE SIZES TO BE DETERMINED BY CONTRACTOR.

CONTROLLER NOTES:
 1. MOUNT CONTROLLER IN MECHANICAL ROOM OF BUILDING.
 2. MOUNT RAIN SENSOR ON EAVE OF BUILDING.
 3. IRRIGATION CONTRACTOR TO VERIFY POWER TO CONTROLLER.
 (ONE (1) - 117VAC +/- 10% SOURCE PER CONTROLLER).

LANDSCAPING AROUND THE MASTER SIGN WILL BE PROVIDED AND INSTALLED BY OTHERS. PLEASE REFERENCE APPROVED LANDSCAPE PLAN DRAWN BY SCOTT BARBER DESIGNS P.A. DATED 05/14/19

1" 26.5
 1" 9.22
 1" 14.6
 1" 22.5
 1" 11.9
 1" 12.8
 1" 10.9
 1" 8.58
 1" 22.0

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	RAIN BIRD 1806-PRS 15 STRIP SERIES TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING.	15	30
	RAIN BIRD 1806-PRS 8 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING.	30	30
	RAIN BIRD 1806-PRS 10 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING.	25	30
	RAIN BIRD 1806-PRS 12 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING.	4	30
	RAIN BIRD 1806-PRS 15 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING.	17	30
	RAIN BIRD 1806-PRS ADJ TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2	30
	RAIN BIRD 1812-SAM-PRS 15 STRIP SERIES SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	30	30
	RAIN BIRD 1812-SAM-PRS 8 SERIES MPR SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	35	30
	RAIN BIRD 1812-SAM-PRS 10 SERIES MPR SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	2	30
	RAIN BIRD 1812-SAM-PRS 12 SERIES MPR SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	5	30
	RAIN BIRD 1812-SAM-PRS 15 SERIES MPR SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	8	30
	RAIN BIRD 1812-SAM-PRS ADJ SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	1	30
	RAIN BIRD 1812-SAM-PRS ADJ SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	2	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	RAIN BIRD PGA GLOBE 1" 1", 1-1/2", 2" ELECTRIC REMOTE CONTROL VALVE, GLOBE.	9	
	WATTS 007 1" MAX. FLOW RATE IS 7.5 FT/S.	1	
	RAIN BIRD ESP4ME WITH (1) ESP-SM3 (2) ESP-SM6 19 STATION, HYBRID MODULAR OUTDOOR CONTROLLER. FOR RESIDENTIAL OR LIGHT COMMERCIAL APPLICATIONS.	1	
	RAIN BIRD RSD-BEX RAIN SENSOR, WITH METAL LATCHING BRACKET, EXTENSION WIRE.	1	
	WATER METER 1" BASIS OF DESIGN 37.5 GPM @ 74.74 PSI, CONTRACTOR TO VERIFY PRIOR TO INSTALLATION	1	
—————	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1" ONLY LATERAL TRANSITION PIPE SIZES 1 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE.	2,002 L.F.	
—————	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2" ONLY LATERAL TRANSITION PIPE SIZES 1 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE.	30.3 L.F.	
—————	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21	59.8 L.F.	
—————	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 1 1/2"	591.5 L.F.	
=====	PIPE SLEEVE: PVC SCHEDULE 40	183.6 L.F.	
Valve Callout			
	Valve Number		
	Valve Flow		
	Valve Size		

QUANTITY TAKEOFF DISCLAIMER:
QUANTITIES NOTED ON PLANS ARE OFFERED AS A
CONVENIENCE TO THE CONTRACTOR FOR BID PURPOSES
ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES AND
REPORT ANY DISCREPANCIES TO THE LANDSCAPE
ARCHITECT.

DESIGN ANALYSIS	
Maximum Station Flow:	26.53 gpm
Flow Available at POC:	37.50 gpm
Residual Flow Available:	10.97 gpm
<hr/>	
Maximum gal./day	2,132 gal.
Maximum gal./week	7,556 gal.

*Flows based on best available data provided. Contractor shall field verify.

The logo for Panda Express Chinese Kitchen is a circular emblem. It features a stylized black and white panda face in the center. The words "PANDA EXPRESS" are written in a bold, sans-serif font along the top inner edge of the circle, and "CHINESE KITCHEN" is written along the bottom inner edge. Two small dots separate the top and bottom text on the left and right sides.

PANDA EXPRESS, INC.
1683 WALNUT GROVE AVE.
ROSEMEAD, CALIFORNIA 91770
TELEPHONE: 626.799.9898
FACSIMILE: 626.372.8288

[illegible]

	ALT. STANDARDS	12/22/2020
	Per City Comments	03/24/2021

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PANDA PROJECT #: D8135
PANDA STORE #:
ARCH PROJECT #:



ingenium
ENTERPRISES
PLANNING & ENGINEERING

Digitally signed
by Lester C
Watkins
Date:
2021.03.25
10:07:14 -05'00'

IRRIGATION PLAN

101.0

TRUE WARM & WELCOME 2300